

QR2021

MUNCIE POWER PRODUCTS

PTO QUICK REFERENCE CATALOG



Muncie Power Products, Inc. is a company that has a rich history with the industry experience and product knowledge to prove it. Since the company was founded in 1935, Muncie Power Products has always taken great pride in providing unparalleled service to each and every customer. In collaboration with other companies within the Interpump Group, Muncie Power Products has the ability to provide access to nearly every major component in a hydraulic system with the dependability you've come to expect from Muncie Power Products.

At Muncie Power Products, it's more than building hydraulic components—it's building trust.



**WE BUILD
TRUST.**

A MEMBER OF THE





Muncie[®] Power Products

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MUNCIE POWER PRODUCTS, INC.

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QUICK REFERENCE CATALOG

This Muncie Power Products Quick Reference Catalog is designed to provide you and your customers with the most current PTO application information.

HOW TO USE THIS CATALOG

Successful power take-off selection requires correct transmission identification. Manufacturer's line tickets are not always reliable. Transmissions should be identified by the transmission manufacturer's tag located in various positions, depending on the manufacturer and the specific transmission. If unable to make positive identification, consult the nearest Muncie Power Products warehouse.

Once transmission is correctly identified, PTO selection is relatively simple.

The index lists all manufacturers of popular U.S. transmissions and many foreign transmissions now in use for mobile power applications.

Each index page for gear driven PTOs provides the following information:

1. Transmission number, as well as all other transmission numbers with identical PTO drive data.
2. Number of forward speeds.
3. Number of teeth on PTO drive gear for I.D. purposes.
4. The correct application number.

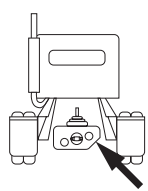

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO.
①		②		③	④

SPICER (Continued)

PS140-9A9 9th 45R&L SPCR-30

Each application page for gear driven PTOs provides the following information:

1. Transmission model numbers.
2. PTO opening size. SAE (Society of Automotive Engineers) or Metric (non-standard)
3. PTO drive gear data: No. of teeth and pitch, location within the opening, PLV (pitch line velocity) in FPM (feet per minute), PLMF (pitch line of gear to the mounting face of transmission), and gear RPM at 1,000 engine RPM.
4. Each available PTO.
5. Footnotes indicating any known obstructions or special requirements.
6. Output shaft direction of rotation (see page 26).
7. Output shaft speed as a percent to engine speed.
8. Any Adapter which would be required to mount the PTO.
9. Any Spacer(s) which are required to mount the PTO.
10. Required Stud Kit to mount the PTO.
11. The standard shift type included with PTO.
12. PTO Torque and HP rating @ 1,000 RPM at the PTO Output (Intermittent Duty).

SPICER TRANSMISSION							RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)			
 PSO10-VPD, PSO100-10S, PSO125-10S, PSO140-10S, PSO150-9S, PSO150-10S, PSO160-10S							② SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: ③ 45T 6P 20°PA Spur LOCATION: Rear PLMF: 1.080 PLV: 1,669 FPM RPM: 850			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE % HI LO REV	ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM of PTO TORQUE HP	
④		⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	

All information included in the Muncie Power QR PTO Quick Reference Catalog is complete and correct to the best of our knowledge, compiled from reliable and official sources with information available at the time of publication. However, we cannot assume any responsibility for errors.

This catalog and the telephone number of your nearest Muncie Power warehouse are all you need to order the correct PTO. A Muncie Power Products specialist will provide assistance upon your request.

Prior catalogs may contain old model numbers. You can order by these old numbers and Muncie Power will automatically cross-reference the numbers to new model numbers. Use the newest catalog when possible.

POWER TAKE-OFF WARRANTY

The Muncie Power Take-off is warranted to be free of defects in material or workmanship and to meet Muncie's standard written specifications at the time of sale. Muncie's obligation and liability under this warranty is expressly limited to repairing or replacing, at Muncie's option, within one year after date of original installation any defective part or parts or any product not meeting the specifications.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. MUNCIE MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR ANY PARTICULAR PURPOSE. MUNCIE'S OBLIGATION UNDER THIS WARRANTY SHALL NOT INCLUDE ANY TRANSPORTATION CHARGES OR COSTS OF INSTALLATION OR ANY LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR DELAY. THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE, AND MUNCIE'S LIABILITY WITH RESPECT TO ANY CONTRACT OR SALE OR ANYTHING DONE IN CONNECTION THEREWITH, WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY, OR OTHERWISE, SHALL NOT, EXCEPT AS EXPRESSLY PROVIDED HEREIN, EXCEED THE PRICE OF THE PRODUCT OR PART ON WHICH SUCH LIABILITY IS BASED.

If requested by Muncie, products or parts for which a warranty claim is made are to be returned, transportation prepaid, to a Muncie Service Center. Any installation or use not in accordance with catalogue or package instructions, other improper use, operation beyond capacity, substitution of parts not approved by Muncie, use with equipment other than the equipment on which the Power Take-off is first installed, or alteration or repair made to the Power Take-off other than at a Muncie Service Center shall void this warranty. No employee or representative of Muncie is authorized to change this warranty in any way or to grant any other warranty.

GENERAL AND APPLICABLE INFORMATION

INTERMITTENT SERVICE

"Intermittent Service" as used in this catalog refers to an on/off operation under load. If maximum horsepower (HP) or torque (lb.ft.) are being used for extended periods of time (5 minutes or more every 15 minutes), then it must be considered as "Continuous Service" and the horsepower rating and service life expectation must be reduced. Applications with operations approaching both maximum HP and maximum torque is not recommended and PTO life will be limited. See page 24 for PTO rating chart.

CONTINUOUS SERVICE WARNING

Applications with PTO output shaft speeds above 2,000 RPM regardless of duration are to be considered continuous duty applications. PTOs used for continuous service must be considered to have reduced horsepower capacity. In most cases, the capability is reduced by 30% of the stated rating. See page 23 for PTO rating chart.

Example: 100 lb.ft. minus 30% = 70 lb.ft., or
50 HP minus 30% = 35 HP

The RL Series PTOs are not approved for continuous duty applications.

If you have any questions regarding your PTO application, consult a Muncie Power application specialist.

FIRE PUMP APPLICATIONS

Fire pump applications are continuous duty and require derating of PTO applications by a factor of 20%.

PNEUMATIC BLOWER/VACUUM APPLICATIONS

High inertia devices like pneumatic blowers, large air compressors, and vacuum pumps are severe PTO applications and great care must be taken when specifying PTOs for these applications. High speed blower/vacuum applications can be approved at speeds higher than the 2,500 RPM limit where the load ratings are low. Consult your application's specialist for assistance with these specific applications.

PTO intermittent torque ratings shown on the application pages apply to start-up torque requirements for high inertia applications using proper engagement procedures. The derated, continuous

duty rating is to be applied to the application's steady state torque requirement. These requirements can be obtained from most blower manufacturers. Incorrect start-up procedures will cause PTO, driveshaft, or component failures and are not covered by manufacturer warranties. **Clutch shift type PTOs are not recommended or approved for high inertia applications.**

SEVERE DUTY

Severe duty or high service applications like blower or vacuum drives, but not limited to these applications, have varying life expectancies which can't be calculated by torque ratings alone. Other factors involved include transmission lubrication, cleanliness, heat extraction, engine characteristics, and external environmental conditions. Service intervals for transmission and lubrication cleanliness need to be reduced from the normal intervals specified in the vehicle operator's manuals. The interval should be determined by inspection and based on your maintenance records. PTO failures due to particulate contamination are not covered under PTO warranties. Contact Muncie Power Products, Inc. for application assistance.

PTO OUTPUT SHAFTS

PTO output shafts subjected to high cycles can have improved product life by using the largest PTO output shaft available. This includes remote drive type shafts and direct mount pump shafts.

FRETTING CORROSION

Fretting causes rapid spline wear of the PTO and hydraulic pump shafts. The wear is evident where two metal surfaces are in contact with each other and micro-movement of the two surfaces against each other wears the surfaces and typically leaves brownish residue when the surfaces are left dry. Spline failure from fretting has increased with the advent of electronically controlled diesel engines. Based upon our findings and industry reports, it is evident that failures due to fretting corrosion are not the responsibility of Muncie Power Products, Inc. and will not be covered under our stated warranty policy. Refer to the **PTO Installation and Operator's Manual** for recommended maintenance procedures for PTO output shafts.

GENERAL & APPLICABLE INFORMATION *continued*

TRANSMISSION PTO DRIVE GEAR

The gear in domestic built transmissions which drives the PTO is typically ½" to the front or ½" to the rear of the vertical centerline of the PTO opening. Foreign transmissions do not always follow this SAE and ISO standard. Reference to the PTO drive gear location is made at the top right of each application page as "Front" or "Rear". This gear location determines the assembly arrangement of the PTO unit. Gear data is provided for the visual verification of the drive gear application.

ASSEMBLY ARRANGEMENT

Standard PTO arrangements shown in this catalog will typically provide PTO output shafts to the rear, below centerline of the opening. Check footnotes for exceptions to this standard. Available arrangements for each of the Muncie Power PTOs are shown on pages 18 and 19 of this section.

MOUNTING DEPTH

For standard mounting depth, the pitch line of the PTO drive gear in the transmission will be 1.085 inch from the face of the PTO mounting pad. Normal PTO design requires using one thick and one thin PTO mounting gasket. Tolerance differences in transmissions may still require additional gaskets for correct gear mesh to provide quiet operation and prevent transmission damage. (See BACKLASH)

BACKLASH

Backlash is defined as the space between meshing surfaces of the gears in gearbox devices. Space is needed for expansion caused by heat and viscosity changes in lubricants.

Refer to the **PTO Installation and Operator's Manual** for the correct backlash adjustment procedure which is to be performed on every PTO installation. Use of a dial indicator is recommended. The recommended backlash between the transmission and PTO is from .006 to .012 inch. Too many gaskets will create too much backlash and may cause the PTO to rattle when running at no load. To correct, remove one or more gaskets. Too few gaskets may cause PTO to whine and cause difficult shifting of the PTO and transmission. To correct, add one or more gaskets. PTOs will not always make noises when improperly spaced.

Correct backlash must also be established when gear adapters are used (See ADAPTERS). Transmissions using automatic transmission fluid may have higher noise levels caused by the thinner consistency of the lubricant and the large PTO drive gear in the transmission.

ADAPTERS

Adapters are normally used to reverse rotation of the PTO output and to clear mounting obstructions (See pages 20-23 of this section). Standard adapters will move the PTO outward from the transmission approximately three inches. Where adapters are shown on an application sheet with a PTO listing, the adapter is required because of a design problem and must be used as shown. Adapters often reduce horsepower ratings and service life. Adjustments to the application rating are noted in the footnotes found on the adapter gear pages 20-23.

To establish the correct backlash when using a gear adapter, first bench mount the PTO to the adapter. Set aside the gasket set that yielded correct backlash. Then mount the adapter to the transmission, establishing correct backlash there.

PTO SPEEDS

PTO speeds are shown on each application page as a percentage of engine speed. For example, if a PTO is listed as 65%, and the truck engine is running at 1,000 RPM, the PTO shaft will be rotating at 650 RPM. If the truck engine is accelerated to 1,800 RPM, the same PTO will increase in speed to 1,170 RPM ($.65 \times 1,800 = 1,170$).

This catalog typically shows only PTO percentages between 40% to 150% on single speed PTOs and 40% to 200% on reversible PTOs. If your application requires a percentage other than what is shown, please contact Muncie Power for assistance.

Note: The maximum advertised speed for the Muncie Power Series PTO output shaft is 2,500 RPM.

ROTATION

The rotation shown for each PTO on the application sheets specifies "crnk" or "opp", indicating rotation of the PTO output shaft in relation to the rotation of the engine crankshaft. All engine crankshafts rotate in the same direction; CW when viewed from the front of the engine. See page 26 for a more detailed description.

INSTALLATION INTERFERENCE

Muncie Power Products, Inc. provides power take-off products based upon data provided by transmission manufacturers. We also address known issues related to chassis applications. Due to variations of vehicle manufacturers and the location of components mounted in proximity of the PTO and driven components, it is not possible to list all interference issues with regards to PTO installations within this catalog. Therefore, the installers of our products should pay particular attention to potential interference points due to the motion of the engine/transmission/PTO assembly in relation to fixed components on the chassis. Care should also be taken when mounting products near heat sources such as exhaust systems. Adequate insulation should be installed to prevent damage. It is the responsibility of the installer or up-fitter to examine possible interference issues and resolve them prior to releasing any installation. Contact Muncie Power's customer service team when issues are found and we will work with you to resolve them.

INSTALLATION

Limited information is included in this catalog regarding installation of the PTO. Should more information be desired, request a copy of the **PTO Installation and Operator's Manual** before you order the PTO. Installation manuals are supplied with every PTO.

DIRECT MOUNT HYD. PUMP INSTALLATIONS

It is recommended that direct mounted hydraulic pumps be supported to the transmission with a 4-point support bracket. The bracket is to be attached at the transmission with two attachment bolts and at the pump with two attachment bolts in order to prevent movement of the pump in all directions. Guidelines are found in the **PTO Installation and Operator's Manual**. Pump weight, size, and type are variables which contribute to the requirement for the use of a bracket, but system cycles, terrain, and other external influences can be factors in determining the requirements for proper installation. Hydraulic pumps with a combined weight of 40 lbs. (pump, fittings, hose, oil, etc.) must be supported. Refer to the **PTO Installation and Operator's Manual** for further recommendations.

ORDERING A PTO

HERE IS WHAT YOU NEED TO KNOW

1. TRANSMISSION MAKE AND MODEL NUMBER.
MUST KNOW ABSOLUTELY BEFORE PROCEEDING.
2. FIND THE APPLICATION PAGE USING THE INDEX SECTION
OF THIS CATALOG.
3. ON WHICH SIDE WILL THE PTO BE MOUNTED? DRIVER (LEFT), CURB
(RIGHT), OR BOTTOM?
4. WHAT PTO % OR WHAT PTO SHAFT RPM IS REQUESTED?
5. DOES SHAFT ROTATION MAKE ANY DIFFERENCE?
6. WHAT IS BEING DRIVEN BY THE PTO? HOIST PUMP,
BLOWER, WINCH, REFUSE SYSTEM?
7. WILL THIS BE A DIRECT MOUNT PUMP/PTO COMBO?
REFER TO PAGES 8-9 FOR POSSIBLE PTO OPTIONS & DIMENSIONS.
8. SHIFT METHOD? CABLE, AIR, ELECTRIC/AIR, LEVER, CLUTCH SHIFT.
9. EXAMINE THE VEHICLE AND TRANSMISSION FOR OBSTRUCTIONS
AND INTERFERENCE OF PTO AND ACCESSORIES.
10. PLACE ORDER.

NOTE: IF REPLACING AN EXISTING PTO, FOLLOW THESE TIPS:

GET THE TAG NUMBER AND/OR THE INPUT GEAR NUMBER FROM THE PTO.

DETERMINE IF PTO HAS FAILED FROM:

- OLD AGE (INTERCHANGE TO NEW PART #)
- ABUSE (REVIEW APPLICATION)
- BAD APPLICATION (REVIEW APPLICATION)

ALSO DETERMINE IF OPERATION HAS BEEN SATISFACTORY

- CORRECT SPEED
- CORRECT ROTATION
- CORRECT FIT

IF CUSTOMER SAYS THAT OPERATION HAD BEEN LESS THAN
SATISFACTORY, NOW IS THE TIME TO MAKE CORRECTIONS.

MODEL NO. CONSTRUCTION CHART

TG 6S - U68 07 - C 1 B X

PTO Series

Single Speed, Double Gear	HC, PZ, SH, TG
Single Speed, Double Gear, Constant Drive	CD
Clutch Shift	CS, A20
1 & 1 Reversible, Low Speed	RL
SAE 8-Bolt Double Gear, Single Speed	82
Ford Automatic	FA, FR
Rear Countershaft	RS

Mounting

ISO 4-Bolt Standard	4S
SAE 6-Bolt Standard Mount	6S
SAE 6-Bolt Deep Mount	6D
SAE 6-Bolt Non-Standard	6N
SAE 6-Bolt w/29TK3863 (for N56)	6A
SAE 6-Bolt Standard, Metric Stud Kit	6B
SAE 6-Bolt Deep Mount, Metric Stud Kit	6C
SAE 6-Bolt Standard, Less Drag Brake (CS6 only)	6G
SAE/ISO 6-Bolt Standard, w/Dowel Holes	6F
SAE 8-Bolt Standard, Less Drag Brake (CS8 only)	8G
SAE 8-Bolt Standard Mount	8S
SAE 8-Bolt Deep Mount	8D
SAE 8-Bolt Standard, Metric Stud Kit	8B
SAE 8-Bolt Deep Mount, Metric Stud Kit	8C
SAE 8-Bolt Extra Deep Mount	8M
Allison 10-Bolt, Heavy Duty	10 or 11
Allison 10-Bolt	24 or 25
Ford 4-Speed	62 & 64
Ford 5-Speed	64 or 67
Ford (6-Speed)	66, 6Q

Transmission Gear

Aisin	8.46P 20° PA Spur	I84
Allison	10.16P LH	A10
Allison	6.86P 20° PA Spur	A67/A69
Clark	5.7P 25° PA 37.7° RH	C57
Clark	6.10P 25° PA 18.68 LH	C60
Clark	6.10P 25° PA 32.28 RH	C61
Clark	7P 25° PA 30.78 RH	C70
Clark	7.61P 18.49° PA, 23.22 RH	C76
Eaton	8.048P 20° PA 28.9 LH	E80
Ford	14.2P 15.9° PA 18° RH	F14
Ford	14.2P 17.9° PA SPUR	F15
Ford	12.09P 20° PA SPUR	F12
Fuller	10.1P 20° PA Spur	F10
Fuller	10.1P 21.5° PA Spur	F11
Fuller	6.1P 20.5° PA 29° RH	F61
Fuller	6.27P 22.5° PA Spur	F62
Fuller	6.35P 20° PA 22° RH	F63
Fuller	6.5P 20° PA 23° RH	F65
Fuller	6.65P 20° PA 21.5° RH	F66
Fuller	6.0P 20° PA Spur	F68
Fuller	7.0P 23° PA 26° RH	F70
Fuller	7.5P 22° PA 15° RH	F75
Fuller	8.38P 18° PA 33.1° RH	F84
Fuller	8.5P 21° PA Spur	F85
G.M.C.	7P 20° PA 30° RH	G70*
G.M.C.	7.34P 20° PA 24° RH	G73
Getrag	8.46P 17.5° PA RH	G85
I.H.C.	6.54P 18.47° PA 23.45 RH	H65
Isuzu	8P 20° PA 15° RH	I80
Isuzu	8.46P 20° PA Spur	I85
Mack	6.48P 17.65° PA Spur	M65
Mercedes	8.04P 17.5° PA 26.97° RH	M80
Mercedes	8.38P 17.5° PA 24.97° RH	M83
Mercedes	9.41P 18° PA 26.47° RH	D94
Mitsubishi	7.58P 20° PA 28.17° RH	M76
Mitsubishi	7.58P 20° PA 30° RH	M78
Mitsubishi	8.67P 22.5° PA 11.65° LH	M89
New Process	6P 20° PA 17.68 RH	N60
New Process	7P 20° PA 30.49 LH	N70
New Process	8.11P 20° PA 33.5 RH	N81
New Venture	10.40P 20° PA 34.5° RH	N10
New Venture	7.94P 22.5° PA 30° LH	N78
New Venture	7.94P 22.5° PA 30° RH	N79
New Venture	7.99P 22.19° PA 29° RH	N80
Nissan	5.64P 20° PA Spur	N56
Nissan	9.27P 20° PA 25° LH	N92
Renault	6.77P 22.5° PA 23.87° RH	R68
Spicer	6P 17.5° PA 26.17 RH	S60
Spicer	6P 17.5° PA 22.25° RH	S61
Spicer	6.2P 20° PA 23.15° RH	S63
Spicer	6P or 6/8P 20° PA Spur Deep Reach	S68
Spicer	7P 17.5° PA 28.07 RH	S70
Spicer	7P 17.5° PA 18° RH	S71
Spicer	7P 20° PA 20° LH	S72*
Spicer	7P 22.5° PA 19° RH	S73
Spicer	8.10P 20° PA Spur	S80
Spicer	8.99P 20° PA Spur	S89
Tremec	6.1P 25° PA 30.4° RH	T61
Tremec	8.1P 20° PA 29.47° LH	T81
Tremec	8.19P 20° PA 29.9° RH	T82
Universal	5 or 5/7P 20° Spur	U57
Universal	6P 20° Spur, Full Addendum	U60
Universal	6P 25° PA Spur	U62
Universal	6P 17.50° PA Spur	U67
Universal	6P or 6/8P 20° Spur	U68

Special Features

A	Reversed Shift Cover (TG)
B	Special Lube Kit (CD10)
C	Pressure Lube, Pulse Generator, SPD-1001
D	Pulse Generator with SPD 1001
E	U60 Input Gear w/Standard Mounting Gasket Pack
F	Special Idler Plate (TG)
G	Special Lube Shaft (TG, CD10)
H	High Torque (TG)
I	Dual Terminal Indicator Switch (TG)
J	High Torque & Pressure Lube (TG)
M	Special Idler Plate (TG)
P	Pressure Lubrication (TG, CS 6/8, SH 6/8, 82)
Q	Special Idler Plate & High Torque (TG)
R	PTO Pulse Generator (CS, SH), No Pressure Lube
S	PTO Pulse Generator (CS, SH), Pressure Lube
T	High Torque with PTO Pulse Generator (TG)
U	Standard with PTO Pulse Generator (TG)
V	U60 w/Standard Gasket & Special Idler Plate (TG)
X	None
3	Special Lube Kit (CS, CD)

Output Type

A	SAE "D" 1 1/4" 14 Spline (82)
B	1 1/2" Round, 3/16" Key (TG, CS, SH, CD, FA, FR, RL)
C	1410 Comp Flg. (CD, CS, SH, 82, 83)
D	SAE "B" Hydraulic Pump Flange (CD, CS10, 82)
E	SAE "C" Hydraulic Pump Flange (CS, SH, 82)
F	SAE "A" Hydraulic Pump Flange (TG)
G	Special Dana Mount (CS, SH, TG)
I	1" Round (GB10)
I	DIN 5462 (CS, SH, CD, TG, 82)
K	SAE "B" Hydraulic Pump Flange (CS, SH, TG)
L	SAE "B" with Round Shaft (TG)
L	Lowbox Mounts (CS)
M	SAE "A" (TG)
N	6 Bolt Round (TG)
P	SAE "B-B" 1" 15 Spline (CS, SH, TG, 82)
Q	SAE "A" Hydraulic Pump Flange (CS, SH, TG, FR)
R	SAE "A" Hydraulic Pump Flange (CD, TG)
S	SAE "B" Hydraulic Pump Flange (CS, SH, TG)
T	SAE "A" 3/4" 11 Spline (TG, FA, FR)
T	SAE "B" Hydraulic Pump Flange (one end) (82)
	SAE "C" Hydraulic Pump Flange (opp. end) (82)
U	SAE "C" Hydraulic Pump Flange (dual output) (82)
W	SAE "A" 3/4" 11 Spline (FA, FR)
X	1.3 - 20T Spline (TG, CS20, CS6/8, SH)
Y	SAE "C" Hydraulic Pump Flange (CD)
Z	SAE "B" Hydraulic Pump Flange 1 1/4" 14 Spline (82, CD)
2	DIN 100 Companion Flange (TG, CS, SH, CD, 82)
6	SAE "B" 2-Bolt Special (CS, TG)
7	SAE "BB" 2-Bolt Special (CS, TG)

Assembly Arrangements

1, 2, 3, 4 (See pages 16-17)

Shifter Types

A	Manual Air (12 Volt Light)	P	Air Shift, Less Activation Kit
B	Special (CS6B-I84, FA6B)	R	24V Hyd. Built-in Solenoid (CS6)
C	Cable	R	Double Acting Air - 82 Series
D	12V Hyd. Diesel (FR)	S	12V Hyd. Built-in Solenoid (CS6)
E	12V Elec/Air - All TG	S	12V Elec/Air (82)
F	24V Elec/Air - All TG	T	Air Shift Less Activation Kit (82)
F	12V Hyd. Gas (FR - 2011)	T	E-Hydra Shift (TG)
G	Spcl Elec/Air (TG-N56) (1995-98)	U	CS6 "S" Shift, Less Activation Kit
G	12V Hyd. Gas (FR)	V	Double Acting Elec/Air
H	12V Elec/Hyd - All CS-U60	X	None
J	24V Elec/Hyd - All CS-U60	Z	Special Rocker Switch (FA)
K	Manual Air (24 Volt Light)	Z	Special Cable Shift (TG)
L	Lever	4	Special Air Shift (TG)
M	Constant Mesh - Non-Shifttable	5	Special Elec/Air Shift (TG)
N	Spcl Elec/Air (TG-N56) (1999-01)	6	Special Lectra Shift (TG)

Speed Ratio (Range)

03 - 0.25-0.34:1	09 - 0.85-0.94:1	15 - 1.45-1.54:1
04 - 0.35-0.44:1	10 - 0.95-1.04:1	16 - 1.55-1.64:1
05 - 0.45-0.54:1	11 - 1.05-1.14:1	17 - 1.65-1.74:1
06 - 0.55-0.64:1	12 - 1.15-1.24:1	18 - 1.75-1.84:1
07 - 0.65-0.74:1	13 - 1.25-1.34:1	19 - 1.85-1.94:1
08 - 0.75-0.84:1	14 - 1.35-1.44:1	

Transmission Gear (cont.)

Universal	6P or 6/8P 20° Spur, Full Dedendum	X68
Universal	8P 20° PA Spur	U80
Warner	8.08P 20° PA 30° RH	W80
Warner	9.60P 20° PA 21.6° LH	W96
Warner	9.60P 20° PA 21.6° RH	W97
Zed F	10.36P 20° PA 28° RH	Z10
Zed F	9.24P 23° PA 36.05° RH	Z90
Zed F	9.24P 23° PA 36.05° LH	Z91
Zed F	9.23P 20° PA 36° RH	Z92
Zed F	9.23P 20° PA 36° LH	Z93
Zed F	9.96P 20° PA 28.5° RH	Z98
Zed F	9.96P 20° PA 28.5° RH	Z99
None	Less Input Gear	Kit

A20 and A30 SERIES MODEL NUMBER CONSTRUCTION

A20-A10 07-HX 3 BB PX XX

Model

A20 – Medium Duty Clutch Shift 10-Bolt
A30 – Medium Duty Constant Drive 10-Bolt

Transmission Gear

A10 – Allison 3000/4000 Series

Ratio

05 – .54:1 Output Speed
06 – .63:1
07 – .73:1
08 – .84:1
09 – .90:1
10 – .97:1
11 – 1.11:1
12 – 1.19:1
15 – 1.48:1

Shift Type

HX – Elec/Hyd 1 2V
HR – Elec/Hyd 12V Remote Mount
JX – Elec/Hyd 24V*
JR – Elec/Hyd 24V Remote Mount
MX – Contant Drive (A30 only)
XX – Electric/Hyd without activation components
SX – **Muncie Start**[®] 12 VDC Integral
SR – **Muncie Start**[®] 12 VDC Remote Mount
HH – ElecHyd 12V Hino
H2 – Elec/Hyd 12V Hino 2021 (& newer)
J2 – Elec/Hyd 24V Hino (2021 & newer)
S2 – **Muncie Start**[®] 12 V (2021 & newer)

Assembly Arrangement

- 1 – Right Side Shaft Low
- 3 – Left Side Shaft Low
- 5 – Top/No Offset (Straight Out From Opening)

Notes:

* Special Flange Arrangement: for proper code selection adjust flange to the ideal position and note the letter that aligns centered with the marked dots. Example: A1 or T3

** Wet Spline Option Available

Flange Position Code**

A1-T3 – Custom Flange Position
XX – Flange Shipped Loose
Blank – Default Position

Special Features

PX – Standard Hose Kit
PW – Wet Spline & Standard Hose Kit
Note: Use with Shaft
BX – Hose Kit for Top Opening
BW – Top Opening Wet Spline Output
US – Pulse Generator & SPD-1001
UX – Pulse Generator & Standard Hose Kit
UB – Pulse Generator & Top Hose Kit
XX – Delete Hose Kit

Output Type

1X – 1¼" Round Shaft
2I – DIN 5462 Euro***
AA – SAE "A" 5/8" -9T, 2-Bolt SAE-"A"
BA* – SAE "B" 7/8" -13T, 2-Bolt SAE-"A"
BB* – SAE "B" 7/8" -13T, 2- & 4-Bolt SAE-"B"
BS* – SAE "B" 7/8" -13T, 2-Bolt SAE-"B"
CB* – SAE "C" 1¼" -14T, SAE-"B"
Note: Use with Shaft Extension
CC* – SAE "C" 1¼" -14T, 2- & 4-Bolt SAE-"C"
II – DIN 5462
PS* – SAE "BB" 1" -15T 2-Bolt SAE-"B"
PB* – SAE "BB" 1" -15T 2- & 4-Bolt SAE-"B"
TA – SAE ¾" -11T, 2-Bolt SAE-"A"
X2 – 1½" 10T, DIN Companion
X4 – 1½" 10T Male, 1410 Companion
XX – 1½" 10T Male, No Flange
ZB – SAE "C" 1.25" -14T, 2- & 4-Bolt SAE-"B"

F20 MODEL NUMBER CONSTRUCTION

F20-F13 12 GX 5 TN PX

PTO Series

Ford – F20

Transmission Gear

Ford 10R140 – F13

Internal Speed Ratio

12 – 1.18:1

Shift Type

GX – Gas Engine Standard
GS – Gas Engine **Muncie Start**[®]
DX – Diesel Engine Standard
DS – Diesel Engine **Muncie Start**[®]

Assembly Arrangement

5 – No Offset

Special Features

PX – Single Mode
(Either Stationary OR Mobile)
PB – Dual Mode
(Both Stationary AND Mobile)

Output Type

1X – 1¼" Round Shaft (Standard)
BA – SAE "B" 7/8" -13T Shaft; SAE-"A" 2-Bolt Flange
TN – ¾" -11T Shaft; MPP "N" Mount (Standard)
TA – ¾" -11T Shaft; SAE-"A" 2-Bolt Flange

PTO OPTIONS

PTO SERIES										SHIFTER OPTIONS
CS 6/8	CS 10/11	CS 40/41	A20	A30	CD40	TG	RL	SH	82	
.						.	.	.		A STANDARD MANUAL AIR (12V LIGHT)
						.	.			C STANDARD CABLE CONTROL
						.			.	D DOUBLE ACTING MANUAL AIR
.						.		.		E ELECTRIC / AIR
.						.		.		F 24V ELECTRIC / AIR
.	.	.				.				H ELECTRIC / HYDRAULIC
			.							HX 12V ELECTRIC/HYDRAULIC
			.							HR 12V ELECTRIC/HYDRAULIC REMOTE MOUNT
.	.	.				.				J 24V ELECTRIC / HYDRAULIC
			.							JX 24V ELECTRIC / HYDRAULIC
			.							JR 24V ELECTRIC / HYDRAULIC REMOTE MOUNT
						.	.	.		K STANDARD MANUAL AIR (24V LIGHT)
							.		.	L STANDARD LEVER CONTROL
				.		.			.	M CONSTANT ENGAGE
						.				MX CONSTANT DRIVE
.						.		.		P MANUAL AIR W/O INSTALLATION KIT
						.				R LEVER - LIGHT SPRING
			.							SX MUNCIE START® 12VDC INTEGRAL
			.							SR MUNCIE START® 12VDC REMOTE MOUNT
						.				T E-HYDRA
						.			.	V DOUBLE ACTING ELEC DUAL AIR
						.				X KIT - NO SHIFTER
			.							XP ELEC/HYD WITHOUT ACTIVATION COMPONENTS

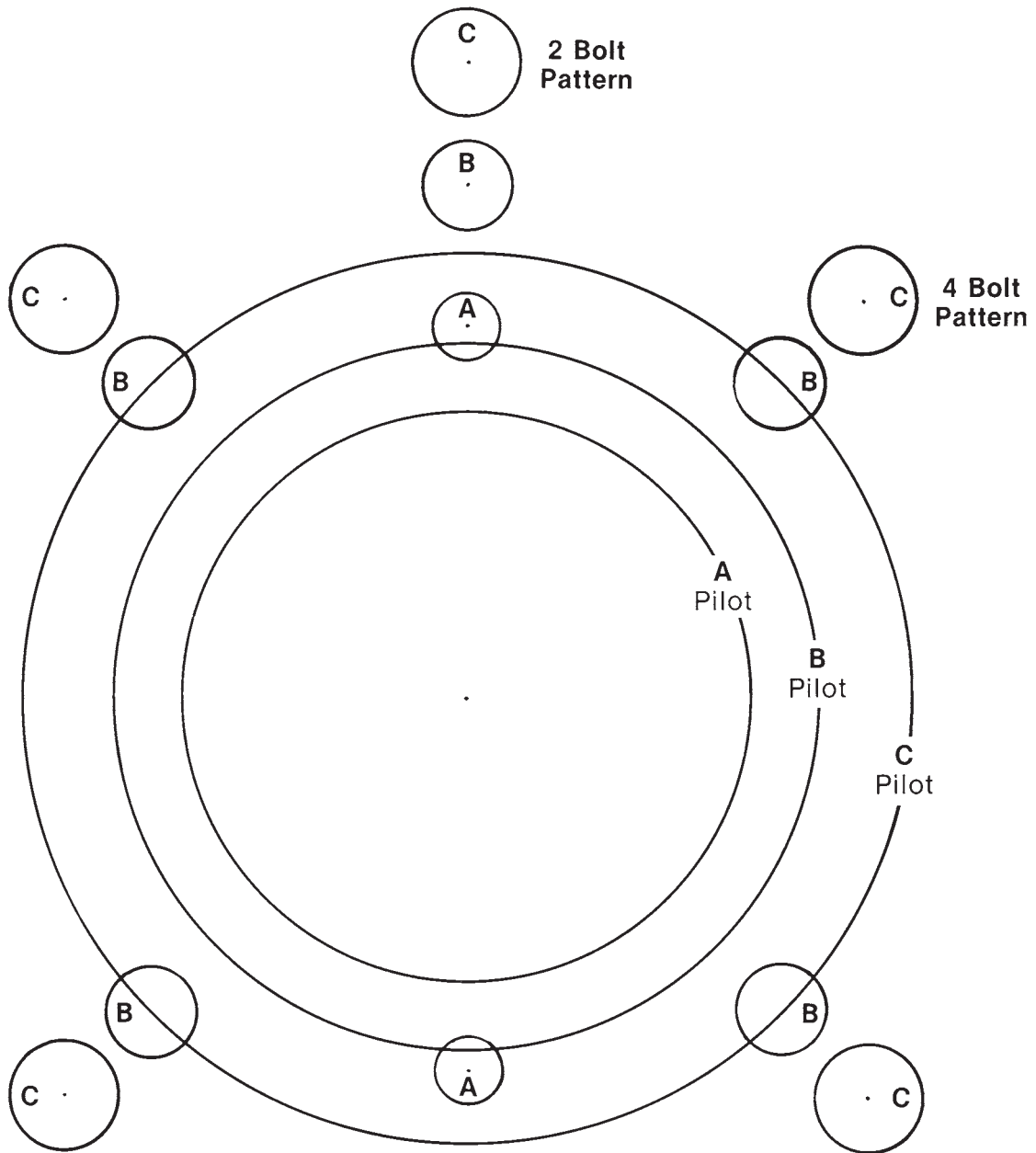
PTO SERIES										OUTPUT SHAFT OPTIONS
CS 6/8	CS 10/11	CS 40/41	A20	A30	CD40	TG	RL	SH	82	
									.	A SAE "D" 1 1/4" 14 SPLINE
			.	.						AA SAE "A" 5/8" 9T, 2-BOLT SAE-"A"
.		B 1 1/4" ROUND, 5/16" KEY
			.	.						BA SAE "B" 7/8" 13T, 2-BOLT SAE-"A"
			.	.						BB SAE "B" 7/8" 13T, 2- & 4-BOLT SAE-"B"
			.	.						BS SAE "B" 7/8" 13T, 2-BOLT SAE-"B"
.	C W/ 1410 COMPANION FLANGE
			.	.						CB SAE "C" 1 1/4" 14T, SAE-"B"
			.	.						CC SAE "C" 1 1/4" 14T, 2- & 4-BOLT SAE-"C"
	.								.	D SAE "B" HYDRAULIC PUMP FLANGE
	E SAE "C" HYDRAULIC PUMP FLANGE
						.				F SAE "A" HYDRAULIC PUMP FLANGE
.	I DIN 5462 - METRIC
			.	.						II DIN 5462
.						.		.		K SAE "B" HYDRAULIC PUMP FLANGE
						.				L SAE "B" WITH ROUND SHAFT
						.				M SAE "A" HYDRAULIC PUMP FLANGE
						.				N SPECIAL - 6-BOLT ROUND
.	P SAE "B-B" 1" 15 SPL
			.	.						PB SAE "BB" 1" 15T, 2- & 4-BOLT SAE-"B"
										PS SAE "BB" 1" 15T, 2-BOLT SAE-"B"
.						.		.		Q SAE "A" HYDRAULIC PUMP FLANGE
.						.		.		R SAE "A" HYDRAULIC PUMP FLANGE
.						.		.		S SAE "B" HYDRAULIC PUMP FLANGE
.						.		.		T SAE "A" 3/4" 11 SPL
									.	T SAE "B" & SAE "C" OPPOSITE ENDS OUTPUT
			.	.					.	TA SAE 3/4" 11T, 2-BOLT SAE-"A"
									.	U SAE "C" (DOUBLE OUTPUT)
.		.				.		.		V SPECIAL EXTENDED SHAFT
.	X W/O COMPANION FLANGE
			.	.						X2 1 1/2" 10T, DIN COMPANION
			.	.						X4 1 1/2" 10T, MALE, 1410 DIN COMPANION
.	Z SAE "C" W/ SAE "B" HYDRAULIC PUMP FLANGE
			1X 1/14" ROUND SHAFT
.	2 W/ DIN 100 COMPANION FLANGE
			.	.						2I DIN 5462 EURO
.						.				6 SAE "B" 2-BOLT SPECIAL

NOTE: PTO Series HC, PZ, and RS are special order PTOs. Check with Customer Service for options.

PTO OPTIONS

PTO SERIES										SPECIAL FEATURES
CS 6/8	CS 10/11	CS 40/41	A20	A30	CD40	TG	RL	SH	82	
						•				A REVERSED SHIFTER COVER
	•	•			•					B SPECIAL LUBE KIT
			•	•						BX HOSE KIT FOR TOP OPENING
•										C PRESSURE LUBE, PULSE GENERATOR & SPD1001D
•	•	•								D PULSE GENERATOR & SPD1001A
						•				E U60 INPUT GEAR W/STD MOUNTING GASKET PACK
						•				F CLEARANCE CAP
						•				G GREASEABLE SHAFT
						•				H HIGH TORQUE RATING
						•	•		•	I DUAL TERMINATOR INDICATOR SWITCH
						•				J HIGH TORQUE RATING & PRESSURE LUBE
						•				M CLEARANCE CAP
•						•		•	•	P PRESSURE LUBRICATION
			•	•						PW WET SPLINE & STANDARD HOSE KIT
			•	•						PX STANDARD HOSE KIT
						•				Q CLEARANCE CAP & HIGH TORQUE RATING
•								•		R PULSE GENERATOR
•						•		•		S PULSE GENERATOR & PRESSURE LUBE
						•				T PULSE GENERATOR & HIGH TORQUE RATING
	•	•				•				U PULSE GENERATOR
			•	•						UB PULSE GENERATOR & TOP HOSE KIT
			•							US PULSE GENERATOR & SPD-1001
			•	•						UX PULSE GENERATOR & STANDARD HOSE KIT
						•				V U60 INPUT GEAR W/STD GASKET & CLEARANCE CAP
•	•	•			•	•	•	•	•	X NO SPECIAL OPTIONS INCLUDED
			•	•						XX DELETE HOSE KIT
	•	•								3 SPECIAL LUBE KIT
		•								6 MUNCIE START® 12 VDC INTEGRAL

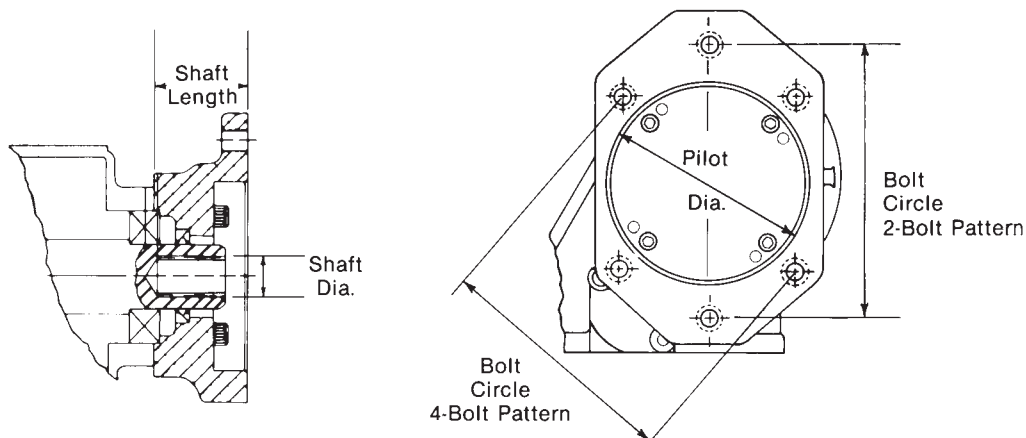
STANDARD SAE HYDRAULIC PUMP MOUNT PILOT DIAMETERS AND BOLT PATTERNS



DESIGNATORS

MUNCIE	SAE	BOLT PATTERN
D, K, P	= SAE "B"	2- & 4-BOLT
E	= SAE "C"	2- & 4-BOLT
F	= SAE "A"	2-BOLT
L	= SAE "B"	2- & 4-BOLT
M	= SAE "A"	2- BOLT "A" – 4-BOLT "B"
Q	= SAE "A"	2-BOLT
R	= SAE "A"	2-BOLT
S	= SAE "B"	2-BOLT
Y	= SAE "C"	2-BOLT
Z	= SAE "B"	2- & 4-BOLT

CONVERSION KITS



DIRECT MOUNT PUMP FLANGE CONVERSION KITS

SUFFIX NO.	PILOT DIA. (IN)	SHAFT DIA. (IN)	TYPE SHAFT	BOLT CIRCLE	MOUNT. HOLES	BOLT SIZE	SHAFT LENGTH	CONVERSION KIT NUMBER	
E	5.0	1.25	Spline - 14T	6.38	4	½"-13	2.19	No Kit (82, CS10)	
				7.12	2	⅝"-11			
F	3.25	0.75	Round - ⅜" Key	4.18	2	⅜"-16	2.66	14TA4527 (TG Only)	
I	80mm	36mm	Spline - 8T	113.15mm	4	12mm	60.1mm	14TA4422 (TG Only)	
K	4.0	0.88	Spline - 13T	5.0	4	½"-13	1.86	14TA4531 (TG Only)	
				5.75	2				
KG	4.0	0.88	Spline - 13T	5.0	4	½"-13	1.86	14TA4551 (TG Only)	
				5.75	2				
L	4.0	0.88	Round - ¼" Key	5.0	4	½"-13	2.38	14TA4550 (TG Only)	
				5.75	2				
M	3.25	0.88	Spline - 13T	4.18	4	⅜"-16	1.94	14MA4553 (TG Only)	
				4.75	6				1⅜" - Thru
				5.00	4				½"-13
N	2.62	0.75	Round - ⅜" Key	3.25	6**	⅜"-16	2.66	14TA4554 (TG Only)	
P	4.00	1.00	Spline - 15T	5.00	4	½"-13	2.38	14TA4532 (TG Only)	
				5.75	2				
PG	4.00	1.00	Spline - 15T	5.00	4	½"-13	2.38	14TA4552 (TG Only)	
				5.75	2				
Q	3.25	0.88	Spline - 13T	4.18	2	⅜"-16	1.66	14TA4529 (TG Only)	
R	3.25	0.625	Spline - 9T	4.18	2	⅜"-16	1.66	14TA4541 (TG Only)	
S	4.00	0.88	Spline - 13T	5.75	2	½"-13	1.70	14TA4530 (TG Only)	
T	3.25	0.75	Spline - 11T	4.18	2	⅜"-16	1.50	14TA4533 (TG Only)	
Y	5.00	1.25	Spline - 14T	7.12	2	⅝"-11	2.19	No Kit (CD, CS10)	
Z	4.00	1.25	Spline - 14T	5.00	4	½"-13	2.19	14TA4423 (TG Only)	
				5.75	2				
6	4.00	0.88	Spline - 13T	5.75	2	½"-13	1.86	No Kit (TG Only)	

**Only 4 bolts are usable to mount pump.

SHIFTER CONVERSION KITS

TG SERIES				RL SERIES	82 SERIES	
Cable 16MK3735-14-A (1+4)	Standard Air 16MK3803-A (1+4)	Electric Air 16MK0200-A (1+4)	E-Hydra Shift 16MK4682 (1+4)	Standard Air 16MK4261-A	D-Double Acting 16MK3253-A	Q-Double Acting 16MK3252-A
16MK3735-23-A (2+3)	16MK3804-A (2+3)	16MK1200-A (2+3)	16MK4683 (2+3)	All Assemblies	All Assemblies	All Assemblies

TG SERIES KIT PROGRAM

Stocking the Muncie Powerflex® PTO in a kit form can reduce your inventory requirements. To use the program decide on the correct model number of the PTO from the application catalog and assemble using the tables below.

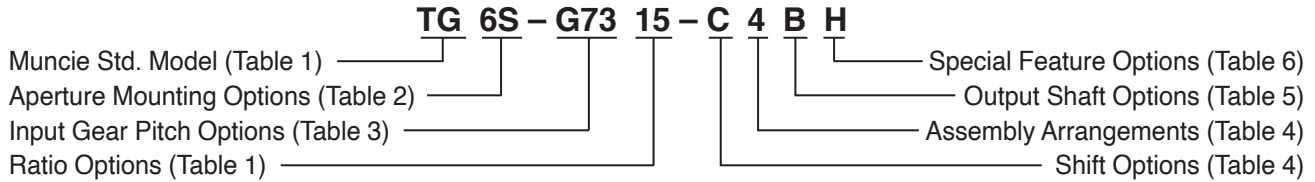


TABLE 1 MUNCIE STD. MODEL W/RATIO OPTIONS – LESS SHIFTER & INPUT GEAR

Part No.					
TG6S-Kit 04 – X * # X		* Assembly Arrangements: (1, 2, 3 or 4)	}	The PTO application catalog typically shows the arrangement for PTOs with the output shaft pointed to the rear and below the centerline of the opening. The TG Kit should be stocked in popular arrangements to minimize the need to physically rearrange a PTO.	
TG6S-Kit 05 – X * # X					
TG6S-Kit 06 – X * # X					
TG6S-Kit 07 – X * # X					
TG6S-Kit 08 – X * # X					
TG6S-Kit 09 – X * # X		# Output Shaft Options: (Table 5)	}	The TG Kit should be stocked in the popular output shafts to minimize the need to change output. Flange Kits shown in Table 5 should be stocked for the uncommon assemblies used.	
TG6S-Kit 12 – X * # H					
TG6S-Kit 13 – X * # H					
TG6S-Kit 15 – X * # H					
TG6S-Kit 18 – X * # H					
Ratio Sets		06 Ratio — 02T34440 (31T)	09 Ratio — 02T34398 (26T)	15H — 02T39172 (20T)	
		04T34441 (19T)	04T34399 (24T)	04T34598 (29T)	
04 Ratio — 02T34278 (36T)	07 Ratio — 02T34272 (29T)	04T34271 (21T)	12H — 02T35162 (23T)	18H — 02T34601 (18T)	
04T34277 (13T)	04T34276 (34T)	08 Ratio — 02T35185 (26T)	04T35155 (26T)	04T34605 (31T)	
05 Ratio — 02T34275 (16T)	04T34275 (16T)	04T35186 (23T)	13H — 02T35362 (21T)		
			04T35363 (27T)		

TABLE 2 TG APERTURE MOUNTING OPTIONS

Part No.	Part No.
6S –SAE 6-Bolt Std. Mtg. – Use TG6S-Kit	8S –SAE 8-Bolt Std. Mtg. – Use TG8S-Kit
6D –SAE 6-Bolt Non-Std. Mtg. – Use TG6S-Kit. Input gear design will change mounting depth of PTO. This is <u>NOT</u> a Housing change.	8D –SAE 8-Bolt Non-Std. Mtg. – Use TG8S-Kit Input gear design will change the mounting depth of the PTO. This is <u>NOT</u> a Housing change.
6N –Non-Standard Housing*	8M –SAE 8-Bolt Extra Deep Mount – This type is not stocked as a kit. Stock the special housing (01T35032) then change the housing as needed.
6A –SAE 6-Bolt Std. Mtg. w/29TK3863 – Use TG6S-Kit and 03T35730 (N56) gear only.	8B –Same as 8S, use metric Stud Kit 20MKM800 (RL8), 20MKM801 (TG, SH8, CS8), or 20MKM802 (82, or 83).
6B –Same as 6S, replace Stud Kit with metric 20MKM602.	8C –Same as 8D – Use metric Stud Kit 20MKM801 (TG, CS8), or 20MKM802 (82).
6C –Same as 6D, replace Stud Kit with metric 20MKM602.	8K –Same as 8D without Stud Kit.
6K –Same as 6D without Stud Kit.	8L –Same as 8S without Stud Kit.
6L –Same as 6S without Stud Kit.	
6F –Non-Standard Housing#	
* Not sold as kit w/o gear. Can only be used w/03T35350 (I85), 03T35540 (S71) or 03T37918 (S73).	
# Not sold as kit without gear. Can only be used w/03T37740 (F84).	

TG SERIES KIT PROGRAM

TABLE 3

TG INPUT GEAR PITCH OPTIONS

PART NO.	PITCH	PART NO.	PITCH	NOTES:
03T38783 (30T) ⁹	A69	03T36591 (27T)	N92	1 When using this gear substitute stud kit 20MKM602 (metric) for the one in PTO kit. 2 With this gear substitute stud kit 20MKM104 (Metric)-R68 or 20MKM105 (Metric)-R85 for the one in PTO Kit. 3 With this gear a special housing (01T35342) is used. 4 Requires the use of 13M13541 when used with 04 ratio or 05 ratio on Allison Transmissions. 5 Requires the use of a special shift cover which is supplied when ordered with this kit number (cable shift only). 6 With this gear a special housing (01T37765 w/(2) 26T37992 pins), a stud kit 20TK4049 (metric), and 52TK4113 packet is used. Use of other housing is not approved. 7 Input gear includes the ratio gear, for constant engage only. 8 Requires 23M60270, 20MKM604, 52TK4470, and special shifter and collar. 9 Special housing 01T35342 (N) and stud kit 20MKM602. 10 Use 15MK33977 clearance kit on closed end of PTO. Sold separately. 11 Add 36M3566TC visor instruction. 12 13M51717 tube, gasket eliminator, is to be included. 13 Requires adapter plate kit 29TK3863. 14 Include Special Lube instructions MC94-02.
03T34810 (18T)	C57	03T35360 (24T) ³	R68	
03T34452 (23T)	C60	03T34286 (21T)	S60	
03T34454 (20T)	C61	03T96746 (22T)	S61	
03T34453 (24T)	C70	03T38184 (21T)	S63	
03T34455 (28T)	C76	03T94243 (26T)	S68	
03T94192 (42T)	F10	03T34287 (24T)	S70	
03T40079 (37T)	D94	03T35540 (29T) ⁴	S71	
03T35189 (42T)	F11	03T37918 (28T) ⁴	S73	
03T35031 (21T)	F61	03T37016 (32T)	S80	
03T35613 (25T)	F62	03T37015 (36T)	S89	
03T35024 (24T)	F63	03T36552 (21T)	T61	
03T35025 (25T)	F65	03T38546 (29T)	T81	
03T38140 (24T)	F66	03T35650 (28T)	T82	
03T37657 (26T)	F70	03T34451 (20T)	U57	
03T96626 (29T)	F75	03T34285 (24T) ⁵	U60	
03T37740 (28T) ⁷	F84	03T34732 (24T) ⁸	U6004	
03T96624 (26T)	G70	03T39495 (24T)	U62	
03T34325 (27T)	G73	03T34450 (24T)	U67	
03T35180 (30T) ¹	G85	03T34284 (24T)	U68	
03T35194 (23T)	I80	03T35399 (30T)	U79	
03T37328 (34T)	I84	03T35107 (25T)	U80	
03T34597 (26T)	M65	03T34326 (31T) ¹³	W80	
03T38530 (31T) ¹⁰	M80	03T35033A/16MKA(36T) ⁶	W96	
03T38531 (30T)	M83	03T36823A (35T)	W97	
03T37219 (32T)	M89	03T96773 (24T)	X68	
03T37655A (35T) ¹¹	N10	03T17306A (38T)	Z10	
03T35730 (16T) ¹⁴	N56	03T39491 (32T)	Z90	
03T34449 (23T) ¹¹	N60	03T39492 (32T)	Z91	
03T39158 (24T) ¹²	N70	03T37260A (32T)	Z92	
03T37024 (27T)	N78	03T37784A (33T)	Z93	
03T35489A (30T) ¹⁵	N79	03T35935A (37T)	Z98	
03T35488A (28T) ¹⁵	N80	03T17307A (31T)	Z99	
03T34457 (28T)	N81			

X68 INPUT GEAR:

Mack Trucks and TTC/Spicer provide 6-pitch spur gear drive gears which have a modified tooth profile and this profile makes it possible to have contact with the root of our standard U68 gear as it is designed for the TG PTO. The X68 was design to eliminate this problem. The X68 gear can be used anywhere the U68 gear is used, but it must be used with the additional 23M60032S or 23M80032 spacer. The U68 gear should NOT be used on any application page showing the X68 input gear designator.

S68 INPUT GEAR:

The S68 input gear is a larger 6-pitch spur gear than the U68 or X68 input gear. This causes the gear to stick out of the housing further (or reach in deep into the transmission) thus the use of the "D" deep mount designator. The S68 is available in the TG Series as well as the SH/CS6/8 Series. (Note that the SH/CS Series with the S68 input gear are limited to the 07, 09, 12 ratios and the SH8D-S6813 or CS8D-S6814 ratios.)

The S68 is designed to fit either the U68 or X68 application without internal tooth interference. As an option, the S68 input gear can be used in place of the U68 or X68 when used with the additional spacer and stud kit as shown on the application page. Changing from the X68 or U68 to the larger S68 will change the output speed shown on the page, use multiplier .92 to determine the new PTO output percentage.

TABLE 4

TG SHIFT KIT / ASSEMBLY ARRANGEMENT OPTIONS

KIT NO.		ASSY.	KIT NO.		ASSY.
A — Manual Air	16MK3803-A 16MK3804-A	(1 & 4) (2 & 3)	S — Lectra Shift	16MK3848-A 16MK3849-A	(1 & 4) (2 & 3)
<i>Kit includes shift cover, installation parts bag, & indicator light switch.</i>			<i>Kit includes shift cover, installation parts bag, wiring harness with relay, & indicator light switch.</i>		
C — Cable Control	16MK3735-14-A 16MK3735-23-A	(1 & 4) (2 & 3)	T — E-Hydra Shift	16TK5024 16TK5025	(1 & 4) (2 & 3)
<i>Kit includes shift cover, cable, knob, hook-up kit, indicator light kit, & indicator light switch.</i>			Z — Cable Shift Allison 1000-2000		
D — Double Acting Air	16TA3955 and 30T38111 16TA3955 and 30T38110	(1 & 4) (2 & 3)	16TK4060-14-A 16TK4061-23-A	(1 & 4) (2 & 3)	
<i>Kit also requires 48M61261-A activation kit.</i>			<i>Kit includes shift cover, installation parts bag, & indicator light switch.</i>		
E — 12V Electric Air	16MK0200-A 16MK1200-A	(1 & 4) (2 & 3)	4 — Air Shift Allison 1000-2000	16TK4063-A 16TK4064-A	(1 & 4) (2 & 3)
<i>Kit includes shift cover, installation parts bag, & indicator light switch.</i>			<i>Kit includes shift cover, installation parts bag, & indicator light switch.</i>		
N — Special Electric-Shift (N56 only)	16TA3803 and 30T38111 or 16TA3804 and 30T38110	(1 & 4) (2 & 3)	5 — Elect/Air Shift Allison 1000-2000	16TK4018-A 16TK4019-A	(1 & 4) (2 & 3)
<i>This kit also requires 48TK4516 (2003 MY) or 48TK4517 (1999-2002 MY) installation parts bag. Sold separately.</i>			<i>Kit includes shift cover, installation parts bag, & indicator light switch.</i>		
P — Air Shift (Cover only)	16MK3803-PA 16MK3804-PA	(1 & 4) (2 & 3)	6 — Lectra Shift Allison 1000-2000	16TK4066-A 16TK4067-A	(1 & 4) (2 & 3)
<i>Kit includes the indicator light switch and connector.</i>			<i>Kit includes shift cover, installation parts bag, wiring harness with relay, & indicator light switch.</i>		
R — Lever Control	16MK3919-14-A 16MK3919-23-A	(1 & 4) (2 & 3)			
<i>Kit includes the shift cover, indicator light kit, & indicator light switch.</i>					

TABLE 5

TG OUTPUT SHAFT OPTIONS

SHAFT TYPE	SHAFT TYPE
B — Standard Shaft 1 1/4 RD — 5/16" Keyway	P — SAE "B-B" 2- or 4-Bolt — 1"-15T Spline (14TA4532)
C — 1410 Companion Flange (14TA3975)	P"G" — AE "B-B" 2- or 4-Bolt — 1"-15T Greasable Opt (14TA4552)
F — SAE "A" 2-Bolt — 3/4" RD 3/16" Keyway (14TA4527)	Q — SAE "A" 2-Bolt — 7/8"-13T Spline (14TA4529)
G — Special — 7/8"-13T Spline (14TA4528)	R — SAE "A" 2-Bolt — 5/8"-9T Spline (14TA4541)
I — DIN 5462 — 36mm-8T Spline (14TA4422)	S — SAE "B" 2-Bolt — 7/8"-13T Spline (14TA4530)
K — SAE "B" 2- or 4-Bolt — 7/8"-13T Spline (14TA4531)	T — SAE "A" 2-Bolt — 3/4"-11T Spline (14TA4533)
K"G" — SAE "B" 2- or 4-Bolt — 7/8"-13T Greasable Opt (14TA4551)	X — 1.3-21T Spline
L — SAE "B" 2- or 4-Bolt — 7/8" RD 1/4" Keyway (14TA4550)	Z — SAE "B" 2- or 4-Bolt — 1 1/4"-14T — Spline (14TA4423)
M — SAE "A" 2- or 6-Bolt — 7/8"-13T Spline (14MA4553)	2 — DIN 100 Companion Flange (14TA3975)
N — 6-Bolt — 3/4" RD — 3/16" Keyway (14TA4554)	6 — SAE "B" 2-Bolt — 7/8"-13T Spline

TABLE 6

TG SPECIAL FEATURES OPTIONS

OPTIONS	OPTIONS	ASSY.
X — None	S — Pulse Generator - Pressure Lube Combine option "U" and option "P"	
A — Reverse shifter mounting (Air, Electric/Air or Lectra Shift only). Use cover kit from table 4 and kit #16TK3837	T — Pulse Generator - High Torque Combine option "U" and option "H"	
E — U60 input gear, use gasket pack 52MK1001, attach 36M35665TC to visor decal	U — Pulse Generator. Change shift cover assembly to:	
F — Special Clearance Cap 15MK35351	Air Shift	
G — Greaseable Shaft (K"G"—14TA4419, P"G"—14TA4420)	16MK3819-A	(1 & 4)
H — High Torque (standard on 12, 13, 15, and 18 Ratios)	16MK3820-A	(2 & 3)
I — Dual Terminal Indicator Switch	Cable Shift	
30M91113 N.O. (1 or 4 Assembly)	16MK3788-A	(2 & 3)
30M92247 N.C. (2 or 3 Assembly)	16MK3789-A	(1 & 4)
J — High Torque — Pressure Lube (12, 13, 15, and 18 Ratios)	Lectra Shift	
M — Milled Idler Cap	16MK3867-A	(1 & 4)
Install Clearance Cap Kit (15MK33977)	16MK3868-A	(2 & 3)
P — Pressure Lubed — Install Kit 43MK3734	<i>This option includes the pulse generator.</i>	
Q — High Torque with Milled Idler Cap	V — U60 input gear, use gasket pack 52MK1001.	
Combine option "M" with option "H"	Install Clearance Cap Kit (15MK33977), and attach 36M35665TC to visor decal.	

SPACERS AND ADAPTER PLATES

FILLER BLOCKS (SPACERS) are required as called for in the TRANSMISSION APPLICATIONS, where it is necessary to use a spacer to adapt the power take-off to a particular transmission.

Two filler blocks (spacers) may be used in combination with one or more gaskets between the filler block surfaces.



SAE 6-BOLT FILLER BLOCKS

PART NUMBER	"A" THICKNESS
23M60032S	.032
23M60062S	.062
23M60093S	.093
23M60125S	.125
23M60140S	.140
23M60165S	.165
23M60187S	.187
23M60200S	.200
23M60240S	.240
23M60270	.270
23M60300	.300
23M60350	.350
23M60400	.400
23M60450	.450
23M60500	.500
23M60550	.550
23M60800	.800
23M61000	1.000
23M61500	1.500
23M62000	2.000

SAE 8-BOLT FILLER BLOCKS

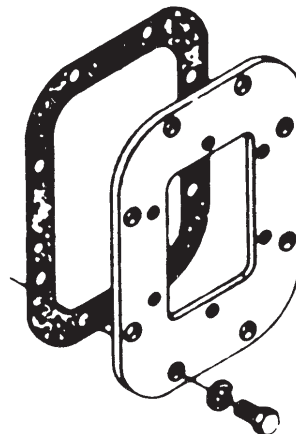
PART NUMBER	"A" THICKNESS
23M80032	.032
23M80062	.062
23M80165	.165
23M80190	.190
23M80248	.248
23M80295	.295
23M80375	.375
23M80500	.500
23M81200	1.200
23M81350	1.350

In computing the total thickness of the filler block (spacer) and gasket combination, use a factor of .012" (compressed thickness of a 1/64" gasket 13M35092) for every 1/64" gasket required in installation.

SAE 8-BOLT ADAPTER PLATES

SAE 8-BOLT ADAPTER PLATE. Used to convert an SAE 8-Bolt aperture to an SAE 6-Bolt aperture.

KIT NUMBER	"A" THICKNESS
29MK8375	.375
29MK8460	.460
29MK8248	.248
29MK8460M (Metric Studs)	.460
29MK8248M (Metric Studs)	.248



GASKET KITS AND MOUNTING PARTS

Use the proper quantity of Gaskets as SHIMS to provide the best running condition of the power take-off. If the installation is TOO TIGHT— add gaskets, if TOO LOOSE— remove gaskets.

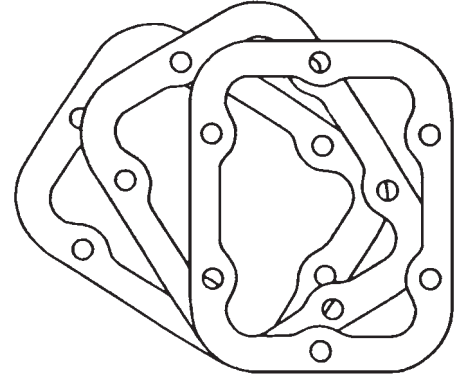
To facilitate handling, popular size gaskets are supplied in kits.

One or more gaskets (as required) must always be used between the metal surfaces of the power take-off, adapter gear assembly, adapter plate, and filler block or blocks.

The 13M13541 gasket is recommended for all Allison transmissions using U60 gear designators.

Refer to the PTO operator's manual, supplied with the PTO, for more detailed installation information.

Gaskets which are .010" in thickness generally affect backlash by .006". Gaskets which are .020" in thickness generally affect backlash by .012".



SAE 8-BOLT HOLE

GASKET KIT PART NUMBER	KIT CONSISTS OF GASKETS		
	QUANTITY	THICKNESS	PART NUMBER
13MK5701	25	.010"	13M35151
	25	.020"	13M35152
13MK5702	10	.010"	13M35151
13MK5707	10	.020"	13M35152
13MK5708	100	.010"	13M35151
13MK5709	100	.020"	13M35152

SAE 6-BOLT HOLE

GASKET KIT PART NUMBER	KIT CONSISTS OF GASKETS		
	QUANTITY	THICKNESS	PART NUMBER
13MK5703	100	.010"	13M35091
13MK5704	100	.020"	13M35092
13MK5705	50	.010"	13M35091
13MK5706	50	.020"	13M35092

STUD KIT SPECIFICATIONS

All 6-Bolt Stud Kits Include Studs and
6 — 0.375-24 Hex Locking Nuts

All 8-Bolt Stud Kits Include Studs and
8 — 0.44-20 Hex Nuts, 8 — Lock Washers

6-BOLT STUD KITS

PART NUMBER	LENGTH	PART NUMBER	LENGTH
20MK6601	1.50	20MK6613	3.00
20MK6602	1.63	20MK6615	3.25
20MK6603	1.75	20MK6616	3.38
20MK6604	1.88	20MK6617	3.50
20MK6605	2.00	20MK6621	4.00
20MK6607	2.25	20MK6623	4.25
20MK6608	2.38	20MK6625	4.50
20MK6609	2.50	20MK6627	4.75
20MK6610	2.63	20MK6629	5.00
20MK6611	2.75	20MK6631	5.25
20MK6612	2.88		

METRIC STUD KIT

PART NUMBER	LENGTH
6-BOLT - 10MM: 3/8 UNF	
20MKM602	40 mm
20MKM603	45 mm
20MKM604	50 mm
8-BOLT - 12MM: 7/16 UNF	
20MKM800	45 mm
20MKM801	50 mm
20MKM802	55 mm
20MKM804	65 mm
20MKM806	75 mm

8-BOLT STUD KIT

PART NUMBER	LENGTH
20MK8808	2.00
20MK8815	2.13
20MK8817	2.38
20MK8814	2.50
20MK8816	2.63
20MK8807	2.75
20MK8818	3.00
20MK8812	3.13
20MK8813	3.25

STUD KIT SPECIFICATIONS

SH6 AND CS6 SERIES PTO STUD KITS

THIS KIT (OLD KIT)	REPLACED BY (NEW KIT)	CONTAINS (2) STEP STUD	LENGTH	THIS KIT (OLD KIT)	REPLACED BY (NEW KIT)	CONTAINS (2) STEP STUD	LENGTH
20MKM602	20TK4359	20T37952	40mm	20MK6604	20TK4434	20T38576	1.88
20MKM603	20TK4360	20T38391	45mm	20MK6605	20TK4435	20T38577	2.00
20MK6601	20TK4418	20T37032	1.50	20MK6607	20TK4436	20T37578	2.25
20MK6603	20TK4433	20T38575	1.75	20MK6615	20TK4437	20T38579	3.25
				20MK6617	20TK4438	20T38580	3.50

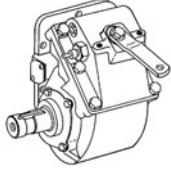
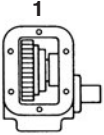
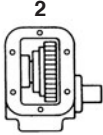
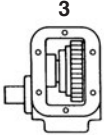
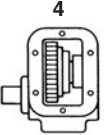
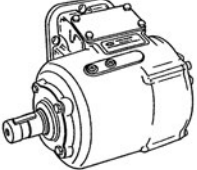
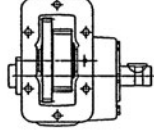
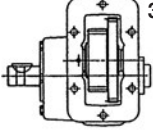
The stud kits used in the SH6 and CS6 series PTOs were changed to include (2) step studs in place of (2) of the regular studs.

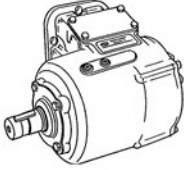
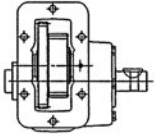
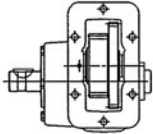
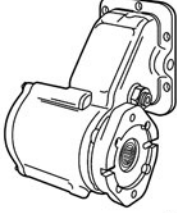
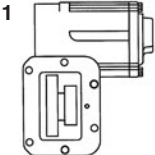
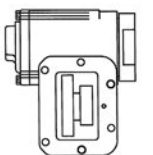
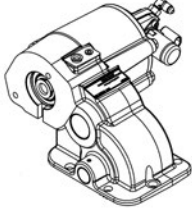
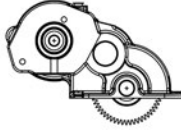
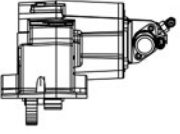
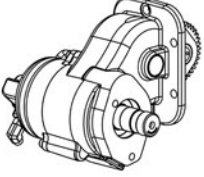
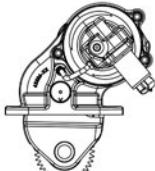
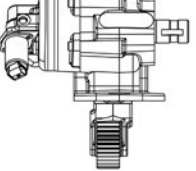
STUD AND CAPSCREW APPLICATION

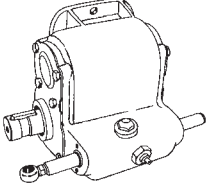
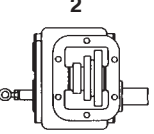
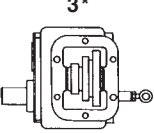
PTO SERIES	STUD OR CAPSCREW KIT	LENGTH	PTO SERIES	STUD OR CAPSCREW KIT	LENGTH
CS6B, CS6C	20TK6389	43mm	TG6B, TG6C	20MKM602	40mm
CS6B-A6707	20TK6390	53MM	TG6D, TG6S, TG6N-S71	20MK6700	1.50
CS6D, CS6S, CS6N-S71	20TK4418	1.50	TG6F	20TK4049	40mm
CS6B-I84	20TK6335	43mm	TG6N-I84	20TK4074	38mm
CS6N-I85	20MKM104	40mm	TG6N-I85	20MKM104	40mm
CS8B, CS8C	20MKM802	55mm	TG8B, TG8C	20MKM802	55mm
CS8D, CS8S	20MK8800	1.25*	TG8D, TG8S	20MK8801	1.38*
CS10	20TK6353	30mm	828B, 828C	20MKM802	55mm
A20	20TK6353	30mm	828D, 828S	20MK8815	2.13
A30	20TK6353	30mm	FA62	20TK4070	25mm
RL6C	20MKM602	40mm	FA64	20TK4071	25mm
RL6D	20MK6601	1.50	FR62/FR63	20TK4525	25mm
RL8B	20MKM800	45mm	FR67	20TK4542	25mm
RL8S	20MK8800	1.25*	8405A	20MK8800	1.25*
SH6B, SH6C	20TK4359	40mm	8405B	20MKM802	55mm
SH6D, SH6S	20TK4418	1.50	FA6B-A67	20TK5283	25mm*
SH8B, SH8C	20MKM802	55mm	FA6B-I84	20TK5169	38mm
SH8D, SH8S	20MK8800	1.25*			

*Capscrew Length

POWER TAKE-OFF ASSEMBLY ARRANGEMENTS

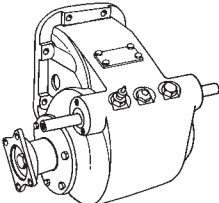
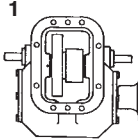
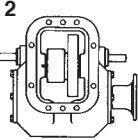
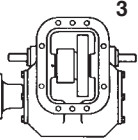
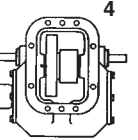
PTO SERIES TYPE	SAE RECOMMENDED PRACTICE J772 ENVELOPE TYPE	6-BOLT MANUAL SHIFT TYPE				
TG 22 lbs. 6-Bolt 25 lbs. 8-Bolt	II					
SH 35 lbs. 6-Bolt 37 lbs. 8-Bolt	IV					

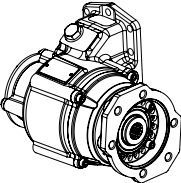
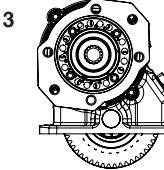
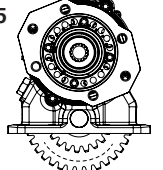
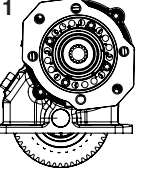
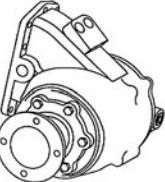
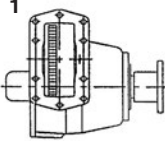
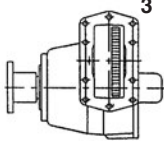
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CS6/8 47 lbs. 6-Bolt 49 lbs. 8-Bolt	IV					
FA 34 lbs.	N.A.					
FR63/67 31 lbs.	N.A.					
FR6Q 35 lbs.	N.A.					

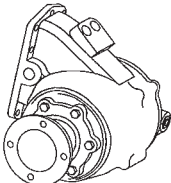
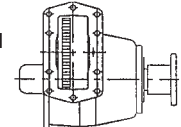
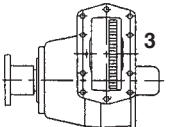
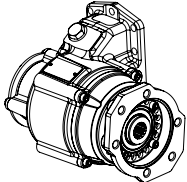
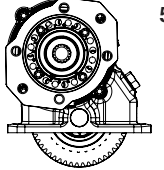
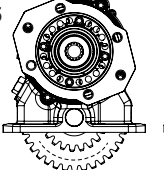
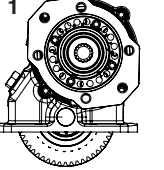
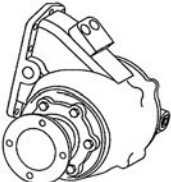
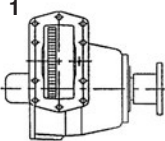
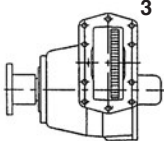
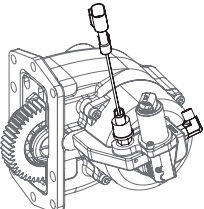
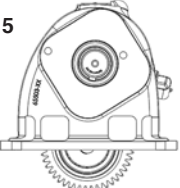
PTO SERIES TYPE	SAE RECOMMENDED PRACTICE J772 ENVELOPE TYPE	6-BOLT REVERSIBLE TYPE		
RL 25 lbs. 6-Bolt 28 lbs. 8-Bolt	III			

* The 03 speed ratio has a reduction gear box (not shown) attached to the output shaft of the RL PTO and is only available in the "3" arrangement.

POWER TAKE-OFF ASSEMBLY ARRANGEMENTS

PTO SERIES TYPE	SAE RECOMMENDED PRACTICE J772 ENVELOPE TYPE	8-BOLT MANUAL SHIFT TYPE				
82 85 lbs.	VI					

PTO SERIES TYPE	SAE RECOMMENDED PRACTICE J772 ENVELOPE TYPE	10-BOLT CONSTANT MESH			
A30 38 lbs.	N.A.				
CD40 65 lbs.	N.A.				

PTO SERIES TYPE	SAE RECOMMENDED PRACTICE J772 ENVELOPE TYPE	10-BOLT CLUTCH SHIFT TYPE			
CS10/11 68 lbs.	N.A.				
A20 47 lbs.	N.A.				
CS40/41 69 lbs.	N.A.				
F20 29 lbs.	N.A.				

ADAPTER GEAR ASSEMBLIES

Adapters:

The application pages have a box for the inclusion of an adapter which can be used to change the rotation of the PTO output shaft as shown on this particular application. The adapter shown relates to all the PTOs shown above it on that page. Adapters are available for only 6-Bolt type PTOs. Refer to the listed footnotes before specifying an adapter. These footnotes typically show changes that are required of the TG Series to make it mount properly to the adapter.

Example: The Allison 1000/2000 Application Page ALLI-09

TWO FORWARD ONE REVERSE												
ADAPTER RECOMMENDED TO CHANGE ROTATION	13, 16	40TA6830-2, 40TA6855-2						Refer to Adapter Gear Assemblies in index for additional space requirements				

- The adapter to change rotation is 40TA6830-2 and 40TA6855-2

FOOTNOTES:

- 13 40TA6830-2 adapter uses metric PTO stud kit. Check for clearance to frame rail and other chassis components before using.
 16 40TA6855-2 adapter uses standard PTO stud kit. Check clearance to framerrail and other chassis components before using Spacer 23M60165S mounts to transmission side.

- The footnote indicate that 40TA6830-2 uses a metric stud kit. Whereas, 40TA6855-2 uses a standard PTO stud kit. The footnote also informs you to check for clearance to frame rail and other chassis components before using.

FIGURE 1 SOLID BODY-SINGLE GEAR

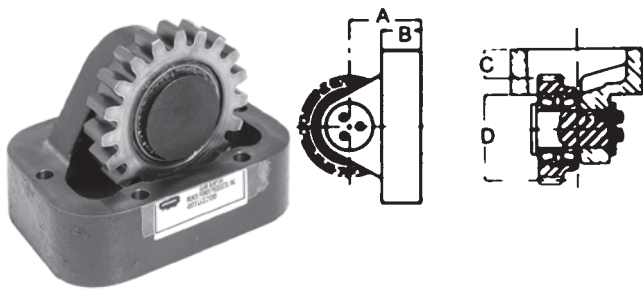
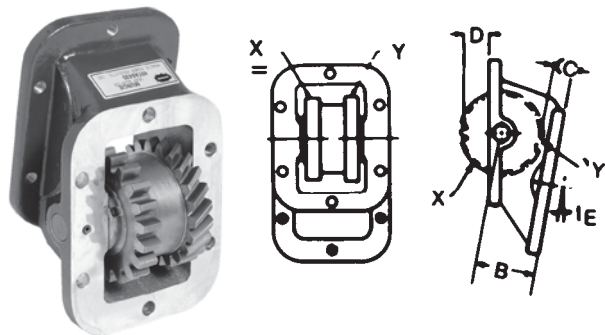


FIGURE 2 ANGULAR OFFSET



ADAPTER GEAR ASSEMBLIES

DIMENSIONAL DATA

MODEL NO.	FIG.	FOOTNOTE	GEAR DATA		DIMENSIONS			
			APPL.	TEETH	A	B	C	D
40TU6800	1		U68	22	2.917 (74.1)	1.651 (41.9)	1.084 (27.5)	3.099 (78.7)
40TM6500	1	1	M65	24	2.917 (74.1)	1.651 (41.9)	1.065 (27.1)	3.118 (79.2)
40TF8500	1		F85	39	3.383 (85.9)	0.617 (15.7)	1.102 (28.0)	5.046 (128.2)

MODEL NO.	FIG.	FOOTNOTE	LOCA.	APPL.	TEETH	B	C	D	E
40TG7368-1	2	3, 4, 5, 8	X	G73	22	2.307 (58.6)	.682 (17.3)	1.122 (28.5)	10°
			Y	U68	20				
40TG7368-2	2	3, 4, 5, 8	X	U68	20	2.307 (58.6)	.682 (17.3)	1.122 (28.5)	10°
			Y	G73	22				
40TI8410-2	2	3, 4, 6	Y	I84	28	2.307 (58.6)	.653 (16.6)	1.136 (28.9)	10°
40TM6568-1	2	2, 3, 4, 5, 9	X	M65	22	2.307 (58.6)	.682 (17.3)	1.180 (30.0)	10°
			Y	U68	20				
40TM6568-2	2	2, 3, 4, 5, 9	X	U68	20	2.307 (58.6)	.682 (17.3)	1.180 (30.0)	10°
			Y	M65	22				
40TN7910-1/-2	2	3, 4, 6	X or Y	N79	23	2.307 (58.6)	.634 (16.1)	1.155 (29.3)	10°
40TU6810-1/-2	2	2, 3, 4, 5, 6	X or Y	U68	20	2.307 (58.6)	.682 (17.3)	1.147 (29.1)	10°
40TZ9210-1/-2	2	3, 4, 5, 6	X or Y	Z92	22	2.307 (58.6)	.835 (21.2)	.954 (24.2)	10°
40TZ9968-1	2	3, 4, 5, 7	X	Z99	31	2.307 (58.6)	.682 (17.3)	1.253 (31.8)	10°
			Y	U68	20				
40TZ9968-2	2	3, 4, 5, 7	X	U68	20	2.307 (58.6)	.682 (17.3)	1.253 (31.8)	10°
			Y	Z99	31				
40TZ1068-1	4	3, 4, 5, 9	X	Z10	31	2.307 (58.6)	.682 (17.3)	1.175 (29.8)	10°
			Y	U68	20				
40TZ1068-2	2	3, 4, 5, 9	X	U68	20	2.307 (58.6)	.682 (17.3)	1.175 (29.8)	10°
			Y	Z10	31				

- | | |
|---|--|
| <p>1 Shipped with 23M60062S to be used on PTO side of adapter.</p> <p>2 Requires 23M60032S sold separately.</p> <p>3 Includes stud kit to mount adapter.</p> <p>4 The "C" dimension does not reflect the idler shaft offset. This adapter is designed for a standard mount PTO.</p> <p>5 Derate PTO application by 30% when using this adapter. Do not use this adapter for continuous duty applications.</p> | <p>6 Adapter is single gear design.</p> <p>7 TG-S68 PTO input gear required. Add 23M60200S + 20MK6603 to PTO requirement.</p> <p>8 TG-S68 PTO input gear required. 18 ratio cannot be used. Add 23M60200S + 20MK6603 to PTO requirement.</p> <p>9 TG-S68 PTO input gear required. 15 & 18 ratio cannot be used. Add 23M60200S + 20MK6603 to PTO requirement.</p> |
|---|--|

ADAPTER GEAR ASSEMBLIES

FIGURE 5

ANGULAR

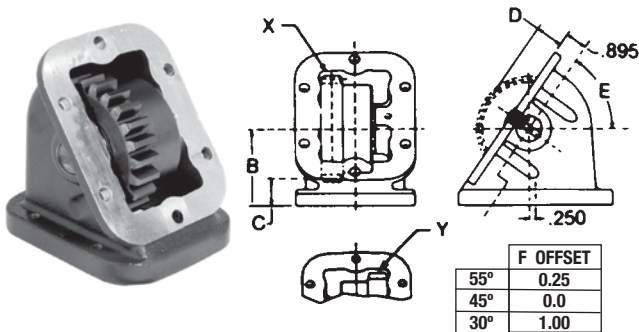


FIGURE 6

8-BOLT TO 6-BOLT

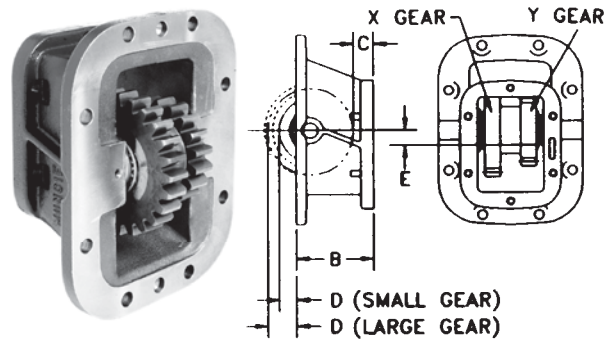


FIGURE 7

ISUZU ADAPTERS

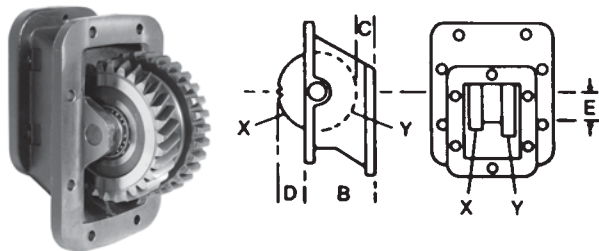


FIGURE 8

NISSAN ADAPTER

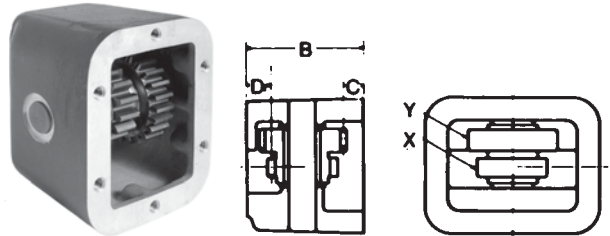


FIGURE 9

HORIZONTAL OFFSET

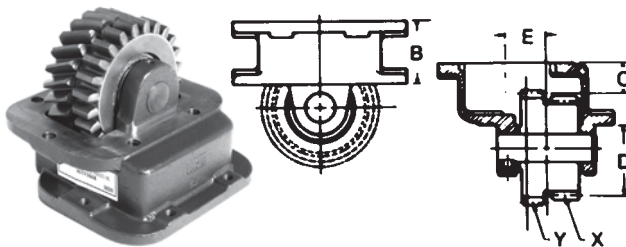


FIGURE 10

NISSAN ADAPTER

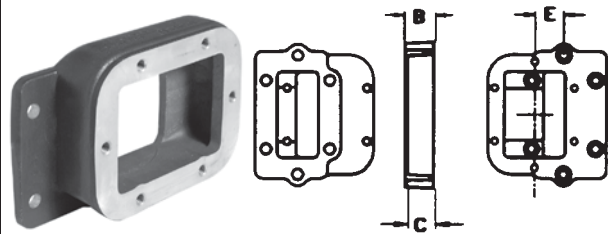


FIGURE 11

SINGLE GEAR OFFSET

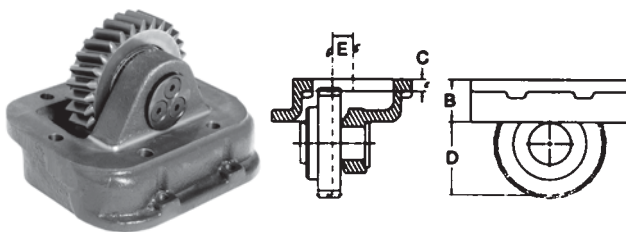


FIGURE 12

6-BOLT MACK ADAPTER

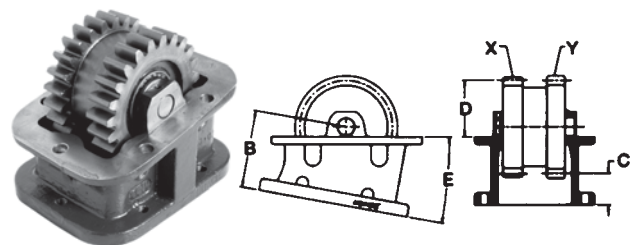
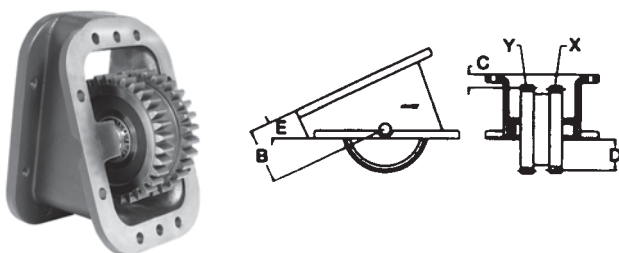


FIGURE 13

8-BOLT MACK ADAPTER



Footnotes for page 23

- 1 Shipped with 23M60062S to be used on PTO side of adapter.
- 2 Requires 23M60032S sold separately.
- 3 Includes stud kit to mount adapter.
- 4 The "C" dimension does not reflect the idler shaft offset. This adapter is designed for a standard mount PTO.
- 5 Derate PTO application by 30% when using this adapter. Do not use this adapter for continuous duty applications.
- 6 Adapter is not designed for PTO use. Use to re-position Eaton Inertia Brake only.

ADAPTER GEAR ASSEMBLIES

DIMENSIONAL DATA

MODEL NO.	FIG.	FOOT-NOTE	GEAR DATA			DIMENSIONS			
			LOCA.	APPL.	TEETH	B	C	D	E
40TU6830-1	5	3, 4	X	U68	23	2.83 (71.9)	0.914 (23.2)	1.088 (27.6)	30°
40TA6830-2	5	3, 4	Y	A68	27	2.842 (72.2)	0.875 (22.2)	1.12 (28.4)	30°
40TF8430-1/2	5	3, 4	X	F84	27	2.929 (74.4)	1.007 (25.6)	1.081 (27.5)	30°
40TU6845-1	5	3, 4	X	U68	24	3.082 (78.3)	1.085 (27.6)	1.105 (28.1)	45°
40TA6855-1/2	5	3, 4	X	A68	28	3.034 (77.1)	0.995 (25.3)	1.144 (29.1)	55°
40TF6855-1	5	3, 4, 6	X	U68	24	3.071 (78.0)	1.072 (27.2)	1.395 (35.4)	55°
			Y	F68	25			.812 (20.6)	
40TU6855-1	5	3, 4	X	U68	24	3.071 (78.0)	1.072 (27.2)	1.105 (28.1)	55°
40TU6855-2	5	3, 4	Y	U68	24	3.071 (78.0)	1.072 (27.2)	1.105 (28.1)	55°
40TW9655-1	5	3, 4	X	W96	36	3.071 (78.0)	1.056 (26.8)	1.121 (28.5)	55°
40TU6886-1	6	3, 4	X	U68	25	3.76 (95.5)	1.027 (26.1)	1.395 (35.4)	.71 (18.0)
			Y	U68	18			.812 (20.6)	
40TU6886-2	6	3, 4	X	U68	18	3.76 (95.5)	1.027 (26.1)	.812 (20.6)	.71 (18.0)
			Y	U68	25			1.395 (35.4)	
40TN6380	8	3, 5	X	N63	14	4.250 (108.0)	.715 (18.2)	-.933 (-23.7)	—
			Y	U80	24				
40TC9468	9	3	X	C94	29	2.235 (56.8)	1.085 (27.6)	2.551 (64.8)	1.435 (36.4)
			Y	U68	24				
40TF6168	9	3	X	F61	19	2.235 (56.8)	1.085 (27.6)	2.630 (66.8)	1.435 (36.4)
			Y	U68	24				
40TF6368	9	3	X	F63	22	2.235 (56.8)	1.085 (27.6)	2.718 (69.0)	1.435 (36.4)
			Y	U68	24				
40TF6668	9	3	X	F66	23	2.235 (56.8)	1.085 (27.6)	2.76 (70.1)	1.435 (36.4)
			Y	U68	24				
40TF8368	9	3	X	F83	26	2.235 (56.8)	1.085 (27.6)	2.571 (65.3)	1.435 (36.4)
			Y	U68	24				
40TS7168	9	3	X	S71	25	2.235 (56.8)	1.085 (27.6)	2.762 (70.2)	1.435 (36.4)
			Y	U68	24				
40TS7368	9	3	X	S73	24	2.235 (56.8)	1.085 (27.6)	2.715 (69.0)	1.435 (36.4)
			Y	U68	24				
29TK3863	10	3	—	—	—	1.430 (36.3)	1.085 (27.6)	—	1.500 (38.1)
29TK3954	10	3	—	—	—	1.983 (50.4)	1.085 (27.6)	—	0.416 (10.6)
40TI8000	11	3	X	I80	29	1.749 (44.4)	.698 (17.7)	2.767 (70.3)	.843 (21.4)
40TN9200	11	3	X	N92	36	1.749 (44.4)	.499 (12.7)	2.982 (75.7)	.843 (21.4)
40TM6616-1	12	3	X	M66	25	3.201 (81.3)	1.285 (32.6)	2.322 (59.0)	10°
			Y	S68	23				
40TM6628-2	13	3	X	M66	33	3.416 (86.8)	0.830 (21.1)	1.933 (49.1)	25°
			Y	U68	31				

PTO TORQUE AND HORSEPOWER RATINGS

Intermittent service refers to an On-Off operation under load. If maximum HP and or torque is used for extended periods of time, (five minutes or more every 15 minutes) this is considered Continuous Service and HP rating of PTO should be reduced by multiplying intermittent value below by .70. Applications with PTO output shaft speeds above 2,000 RPM, regardless of duration, are to be considered continuous duty. The maximum rated output shaft speed for all Muncie Power PTOs is 2,500 RPM.

Fire Pump applications are calculated within a different category as listed on page 3 of the Muncie PTO QR Catalog and are derated by multiplying intermittent value below by .80.

Below is a chart showing the intermittent and calculated continuous torque rating of the PTOs included in the QR Catalog. The application pages in the QR Catalog may have lower ratings for these PTOs listed. The application pages in the QR Catalog rating may be adjusted to limit the PTO output to a rating which will not exceed the transmission manufacturers rating. The transmission manufacturer does not differentiate between intermittent and continuous; therefore, the application pages in the QR Catalog rating is never to be exceeded. Refer to this page when there is a question of the rating (intermittent or continuous) for the PTO as it is manufactured.

PTO SERIES	SPEED RATIO	INTERMITTENT HP@1,000 RPM	INTERMITTENT TORQUE LBS.FT.	CONTINUOUS TORQUE LBS.FT.	INTERMITTENT [KW]@1,000 RPM	INTERMITTENT TORQUE [NM]	CONTINUOUS TORQUE [NM]
TG	04	54	285	200	[40]	[386]	[270]
	05	51	270	189	[38]	[366]	[256]
	06	47	245	172	[35]	[332]	[232]
	07	44	230	161	[33]	[312]	[218]
	08	44	230	161	[33]	[312]	[218]
	09	39	205	144	[29]	[278]	[195]
	12H	40	210	147	[30]	[284]	[199]
	13H	40	210	147	[30]	[284]	[199]
	15H	37	195	137	[28]	[264]	[185]
18H	33	175	123	[25]	[237]	[166]	
CS6/8	03	57	300	210	[43]	[407]	[285]
	04	57	300	210	[43]	[407]	[285]
	05	57	300	210	[43]	[407]	[285]
	06	57	300	210	[43]	[407]	[285]
	07	57	300	210	[43]	[407]	[285]
	09	52	275	193	[39]	[373]	[261]
	12	52	275	193	[39]	[373]	[261]
	14	52	275	193	[39]	[373]	[261]
SH6/8	05	76	400	280	[57]	[542]	[379]
	07	76	400	280	[57]	[542]	[379]
	09	71	375	263	[53]	[508]	[356]
	12	62	325	228	[46]	[441]	[309]
	13	62	325	228	[46]	[441]	[309]
RL	03	38	200	N/A	[28]	[271]	N/A
	05	38	200	N/A	[28]	[271]	N/A
82	05	95	500	350	[71]	[678]	[475]
	06	85	450	315	[63]	[610]	[427]
	08	85	450	315	[63]	[610]	[427]
	09	78	410	287	[58]	[556]	[389]
	10	78	410	287	[58]	[556]	[389]
	12	71	375	263	[53]	[508]	[356]
	13	71	375	263	[53]	[508]	[356]
	15	67	350	245	[50]	[475]	[332]
19	57	300	210	[43]	[407]	[285]	

PTO SERIES	SPEED RATIO	INTERMITTENT HP@1,000 RPM	INTERMITTENT TORQUE LBS.FT.	CONTINUOUS TORQUE LBS.FT.	INTERMITTENT [KW]@1,000 RPM	INTERMITTENT TORQUE [NM]	CONTINUOUS TORQUE [NM]
F20	12	50	261	NA	33	313	NA
FR63	06	36	190	133	[27]	[258]	[181]
FR67	06	36	190	133	[27]	[258]	[181]
FR6Q	09	39	200	140	[29]	[271]	[190]
	22	**120	120	120	[16]	[162]	[162]
CD40	07	114	600	420	[85]	[813]	[569]
CS10 /11	05	95	500	350	[71]	[678]	[475]
	06	91	480	336	[68]	[651]	[456]
	07	86	450	315	[64]	[610]	[427]
	10	73	385	270	[54]	[522]	[365]
CS40 /41	07	114	600	420	[85]	[813]	[569]
	10	103	545	382	[76]	[739]	[517]
	12	93	490	343	[70]	[664]	[465]
A20	05	77	400	400	[57]	[542]	[542]
	06	77	400	400	[57]	[542]	[542]
	07	79	415	415	[59]	[563]	[563]
	08	69	360	360	[51]	[488]	[488]
	09	65	340	340	[48]	[461]	[461]
	10	59	310	310	[44]	[420]	[420]
	11	52	275	275	[39]	[373]	[373]
	12	50	265	265	[37]	[359]	[359]
	15	39	205	205	[29]	[278]	[278]
	A30	05	77	400	400	[57]	[542]	[542]
06		77	400	400	[57]	[542]	[542]
07		79	415	415	[59]	[563]	[563]
08		69	360	360	[51]	[488]	[488]
09		65	340	340	[48]	[461]	[461]
10		59	310	310	[44]	[420]	[420]
11		52	275	275	[39]	[373]	[373]
12		50	265	265	[37]	[359]	[359]
15		39	205	205	[29]	[278]	[278]

The HC, PZ, and RS Series PTOs vary in their torque and horsepower ratings and are based on the transmission on which they are mounted. The torque rating of these PTOs are shown on their respective application pages of the QR Catalog or you may contact Muncie Power Product Engineering Dept. for this information.

PTO OUTPUT SHAFT RATINGS

DIRECT MOUNTED HYDRAULIC PUMP

Hydraulic pumps connected to PTOs by means of a spline hydraulic pump mounting are rated the same as the hydraulic pump shaft by the pump manufacturer. Muncie Power PTO output shafts are made to ANSI or SAE standards. Pump manufacturers may rate their input shafts based on displacement. Be sure to select a shaft size which is adequate to handle your needs. It is recommended that you use the largest shaft available for the PTO which would be compatible to your hydraulic pump.

SHAFT LIMITS:

SHAFT	STL
5/8" - 9T	≤ 5,490
3/4" - 11T	≤ 10,114
7/8" - 13T	≤ 16,500
1" - 15T	≤ 25,650
1 1/4" - 14T	≤ 33,300

The pump input shaft can withstand torque up to the designed shaft torque limitation (STL). This figure is based on multiplying the pump cu.in. displacement x the pump pressure. Tandem pumps are two pumps with individually calculated STLs added together not to exceed the limitation figure. Use this chart as a guide.

Check with your pump manufacturer. They will have their own ratings and the lower rating is to be used.

REMOTE DRIVE SHAFT

Refer to the table for the proper driveline series. Torque and horsepower are based on typical PTO driven applications and are intermittent ratings. Driveshaft applications are dependent on many factors including (but not limited to) torque, shaft length, shaft series, and speed. Tubular drive shaft are recommended for all PTO driveshaft applications. High cyclic power operations require the use of the largest output shaft and Muncie Power recommends the splined output shafts with companion flanges for these applications.

Series	Cross & Bearing	MAX HP @ 1,000 RPM
1000	MK-2X	30
1280	5-200X	60
1310	5-153X	95
1410	5-160X	125*

*Limited By PTO

Max. Speed (RPM)	Max. TJA "A"
3,500*	5°
3,000*	5°
2,500	7°
2,000	8°
1,500	11°
1,000	12°

DRIVELINE ANGLES

TOP VIEW
TRANSMISSION J B PUMP

* For speeds over 2,500 RPM contact Muncie Power for Approval.
For installations with angles in the top and side views use this formula to compute the true joint angle (TJA): $TJA = \sqrt{A^2 + B^2}$

Round, keyed output shafts are susceptible to failure by high cyclic loading. Applications requiring round, keyed PTO output shafts should use the "severe duty" rating shown on this chart.

TORQUE RATINGS FOR REMOTE SHAFTS

PTO SHAFT (Round, Keyed or External Spline)	DUTY CYCLE		
	INTERMITTENT (lb.ft.)	CONTINUOUS (lb.ft.)	SEVERE (lb.ft.)
7/8" w/1/4" Key	130	90	35
1" w/1/4" Key	130	90	60
1 1/4" w/5/16" Key	300	210	200
1.3" 21T Spl w/Comp Flg	300	210	200
1 1/2" 10T Spl w/Comp Flg	600	420	390

Detailed information is available for drivelines from Neapco and Spicer.

<http://www.neapco.com>

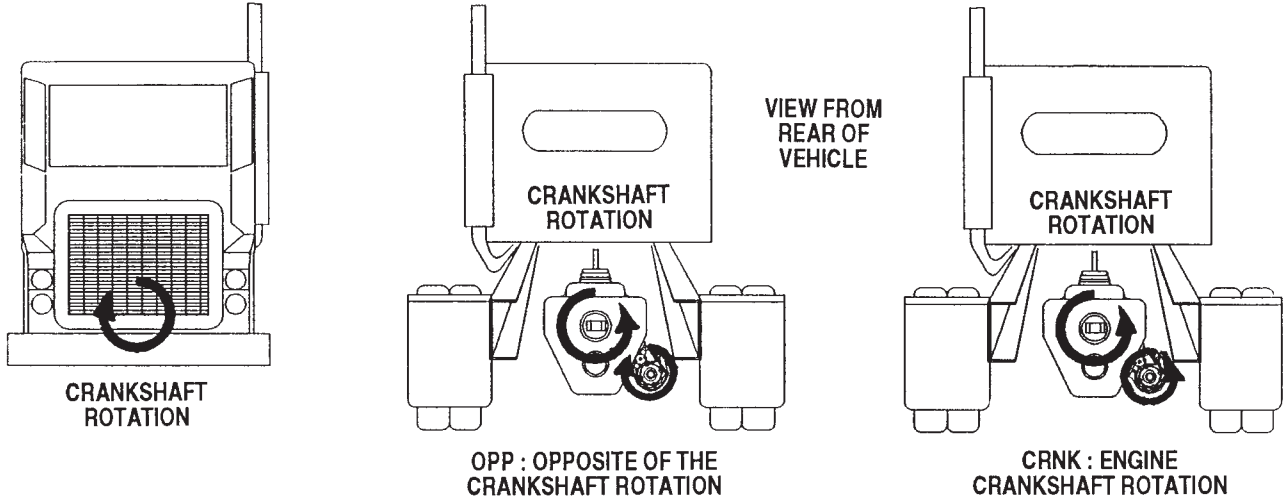
<http://www.spicerdriveshaft.com>

Maximum Drive Shaft Lengths (Tubular Shafts): - Length = CL to CL of joints

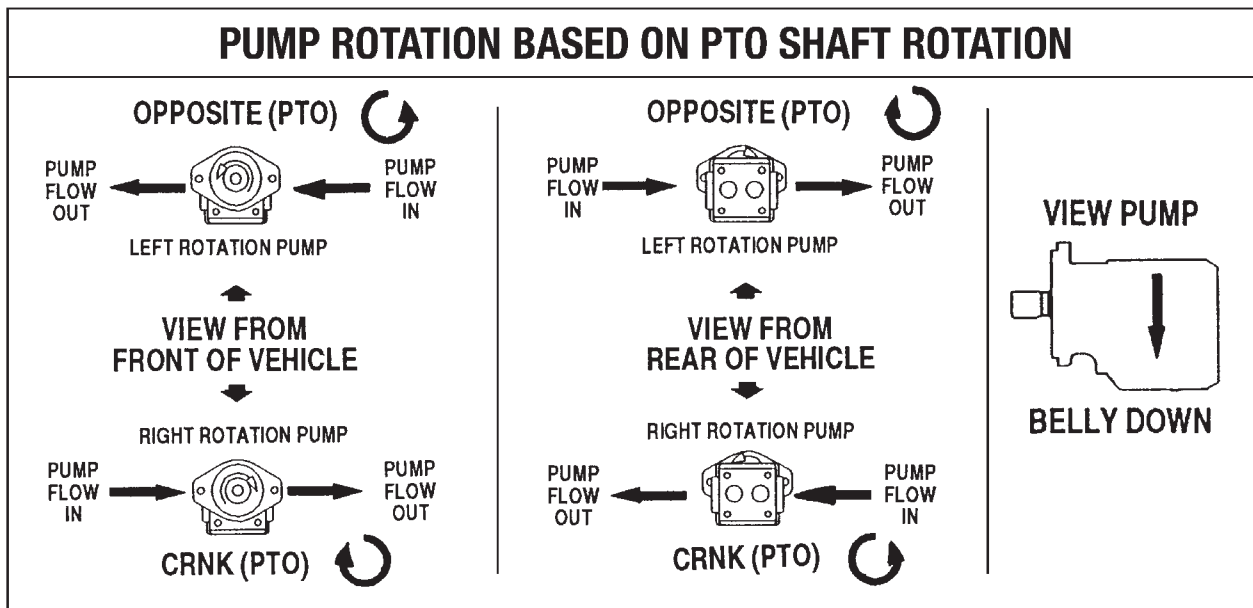
Series	Tube	Length	Max RPM
1000	1.75 x .065W	52"	2,500 RPM
1100	1.25 x .095	40"	2,500 RPM
1280/1310	2.5 x .083W	55"	2,500 RPM
1310	3 x .083W	76"	2,500 RPM

PTO SHAFT ROTATION

The PTO output shaft rotation as listed on the application page is shown as it relates to the vehicle crankshaft rotation. The rotation of the vehicle crankshaft is always clockwise when viewed from the front of the vehicle. The PTO output shaft designated as "Crnk" means that the shaft is turning the same rotation as the vehicle crankshaft. The PTO output shaft designated as "Opp" means that the shaft is turning the opposite rotation as the vehicle crankshaft. These two terms are shown in the figures below.



The rotation of the output shaft may be changed by the use of the appropriate gear adapter as shown on the previous pages. The rotation of the output shaft is important in specifying the proper driven component of the PTO. When using a gear type hydraulic pump, the rotation is often designated as "right hand" or "left hand". The chart below shows which rotation hydraulic pump to use when the PTO application page designates a "Crnk" or "Opp" rotation PTO shaft. The chart also shows the proper side of the hydraulic pump for the inlet and the outlet hose connections. This is viewing the hydraulic pump with the pump's body offset down (belly down).



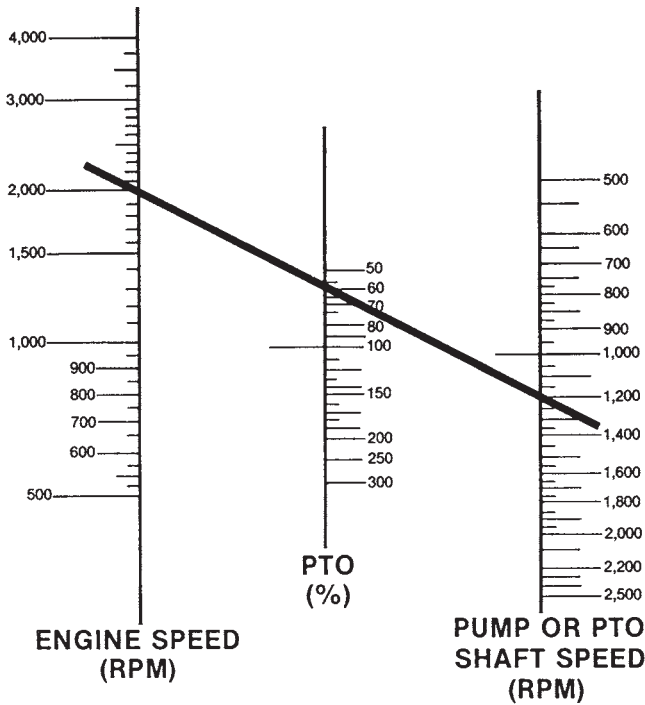
NOMOGRAPH INSTRUCTIONS FOR PUMP SELECTION

The nomographs on the following pages are designed to help in the selection of a hydraulic pump. Follow the instructions below, then refer to the pump specifications before the final pump selection is made.

1. Ask customer what the desired engine speed is and mark it on the left bar of (Engine Speed) Nomograph #1 (For Our Example: 2,000 RPM).
2. Customer will need to supply the required flow rate for the accessory. Plot this value on the right bar (Pump Flow) of Nomograph #2 (Our Example: 15 GPM).
3. Customer will need to supply the transmission model number and the desired location for the PTO. By using this QR Catalog, select a PTO and plot its percent to engine speed on the center bar (PTO%) of Nomograph #1 (Our Example: 60%).
4. Draw a straight line through the engine speed and PTO% and extend it through the right bar (PTO Shaft Speed), record the result and mark it on the left bar of Nomograph #2 (Our Example: 1,200 RPM).
5. Draw a straight line on Nomograph #2 connecting the PTO/Pump Shaft Speed (1,200 RPM) with the desired output flow rate (15 GPM). The line crosses the center bar at the pump that will provide that flow at the input RPM calculated (Our Example: PL14).
6. The pump information on pages 29 and 30 is provided to assist in pump selection based on rated pressure and RPM. If the pump selected in step 5 does not perform in the range desired then selection of another pump might be necessary. This can be done by changing the PTO% and or engine speed. Also, if the line does not cross at a pump listed, then the PTO% or engine speed will have to be changed. This can be done by using the Nomograph in reverse order.

NOMOGRAPH #1

PTO OUTPUT SPEED – ENGINE SPEED



$$\text{PTO SPEED} = \text{ENGINE SPEED} \times \text{PTO}\%$$

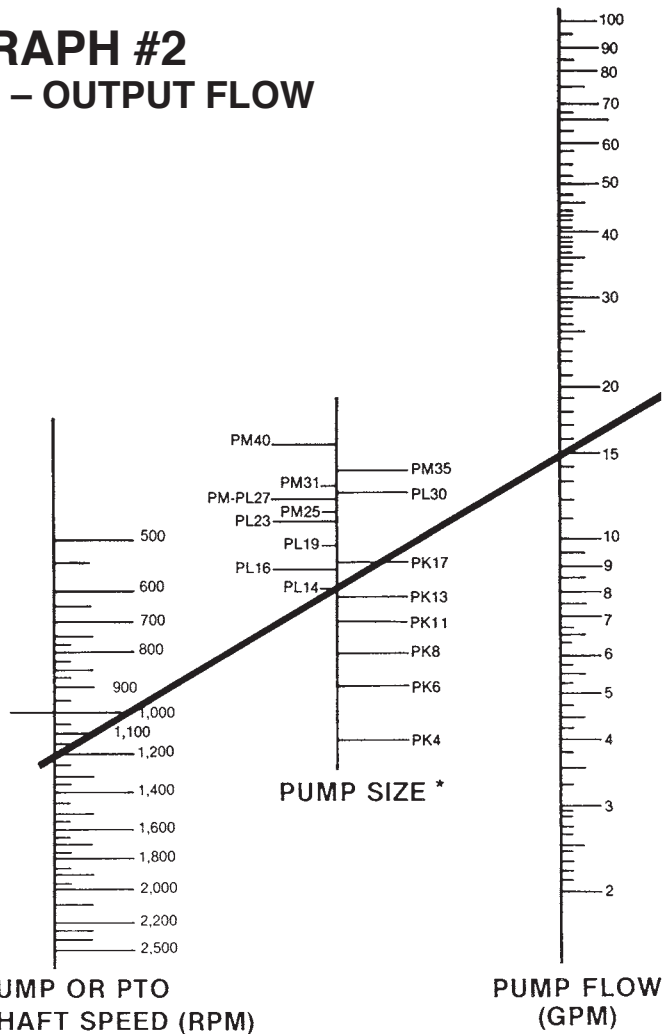
$$\text{PTO}\% = \frac{\text{PTO SPEED}}{\text{ENGINE SPEED}}$$

NOMOGRAPH #2

PUMP SELECTION – OUTPUT FLOW

$$\text{PUMP FLOW} = \frac{\text{Disp.} \times \text{Pump Shaft Speed} \times \text{Eff.}}{231}$$

$$\text{PUMP SIZE} = \frac{\text{Pump Flow} \times 231}{\text{Pump Shaft Speed} \times \text{Eff.}}$$



* Be sure that the pump series you have selected is compatible with the flow and pressure requirements of your system and that it is not operated above or below its rated speed. Refer to pages 29 and 30 for pump performance ratings.

NOMOGRAPH #3

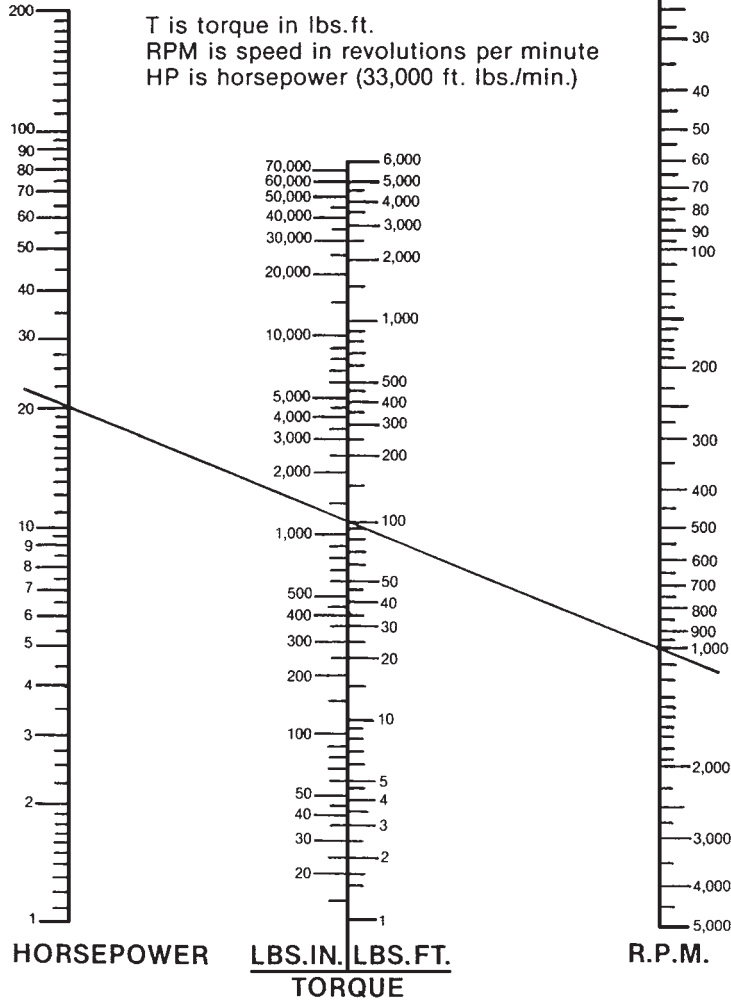
HP – SPEED – TORQUE

$$T = HP \times 5252 \div RPM$$

$$HP = T \times RPM \div 5252$$

$$RPM = HP \times 5252 \div T$$

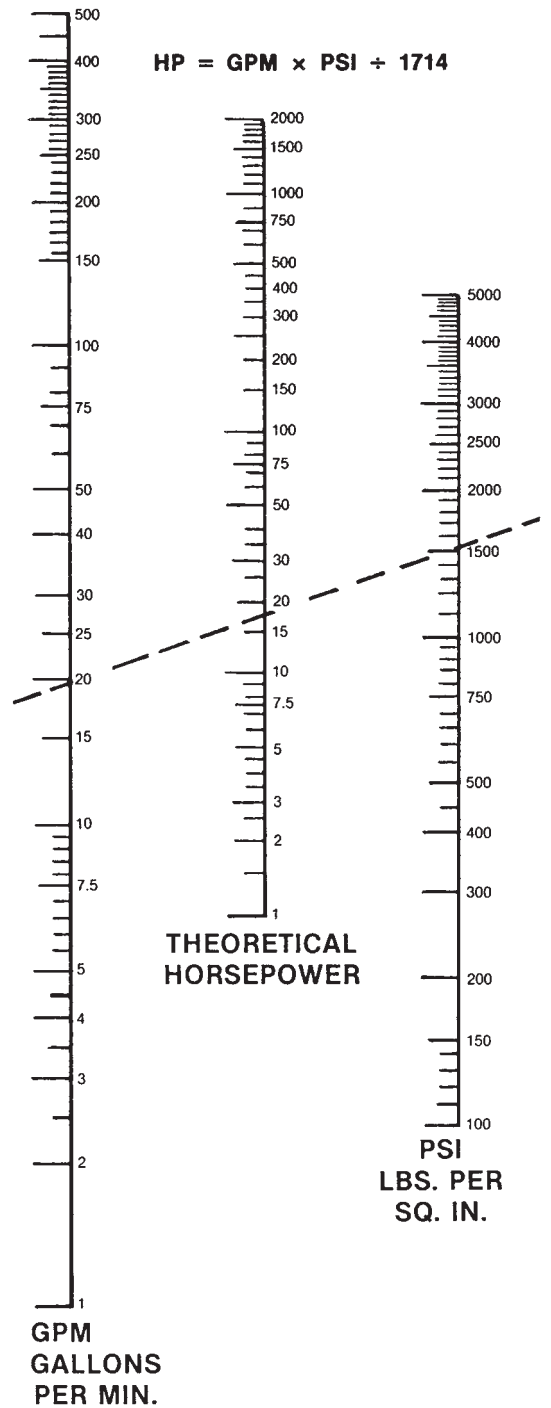
T is torque in lbs.ft.
 RPM is speed in revolutions per minute
 HP is horsepower (33,000 ft. lbs./min.)



NOMOGRAPH #4

GPM – PSI – HP

$$HP = GPM \times PSI \div 1714$$



PUMP SPECIFICATIONS BY SERIES

PUMP SERIES	FLOW		DISPLACEMENT		MAX. PRESSURE PSI (BAR)	MAX. RPM	MIN. RPM***
	GPM	LPM	CU.IN.	CM ³			
PF4-160	1.6	(6)	.37	(6)	3,625 (250)	3,500	900
PF4-212	2.1	(8)	.49	(8)	3,625 (250)	3,500	900
PF4-264	2.6	(10)	.61	(10)	3,625 (250)	3,500	800
PF4-290	2.9	(11)	.67	(11)	3,625 (250)	3,500	800
PF4-368	3.7	(14)	.85	(14)	3,625 (250)	3,500	600
PF4-424	4.2	(16)	.98	(16)	3,625 (250)	3,500	600
PF4-502	5.0	(19)	1.16	(19)	3,625 (250)	2,750	600
PF4-606	6.1	(23)	1.40	(23)	3,400 (235)	2,350	600
PF4-714	7.1	(27)	1.65	(27)	2,750 (190)	2,350	600
PF4-818	8.1	(31)	1.89	(31)	2,400 (165)	2,000	600
PF4-870	8.7	(33)	2.01	(33)	2,250 (155)	2,000	600
Refer to Brochure MP08-06 for Dimensions and Specifications							
PH1-03	3	(10)	.62	(10)	3,500 (241)	3,500	1,000
PH1-05	5	(20)	1.24	(20)	3,500 (241)	3,500	800
PH1-07	7	(25)	1.55	(25)	3,500 (241)	3,250	800
PH1-08	8	(30)	1.86	(30)	3,250 (224)	3,000	800
PH1-09	9	(36)	2.17	(36)	2,900 (200)	3,000	800
PH1-11	11	(41)	2.48	(41)	2,500 (172)	3,000	800
Refer to Brochure MP15-17 for Dimensions and Specifications							
PK1-04	4	(16)	.24	(16)	3,000 (207)	3,600	600
PK1-06	6	(24)	1.47	(24)	3,000 (207)	3,600	600
PK1-08	8	(32)	1.97	(32)	3,000 (207)	3,000	600
PK1-11	11	(40)	2.46	(40)	3,000 (207)	3,000	600
PK1-13	13	(48)	2.96	(48)	3,000 (207)	2,500	600
PK1-15	15	(57)	3.45	(57)	2,500 (172)	2,500	600
PK1-17	17	(65)	3.94	(65)	2,500 (172)	2,500	600
Refer to Brochure MP15-12 for Dimensions and Specifications							
PL1-14	14	(52)	3.18	(52)	3,000 (207)	3,000	600
PL1-16	16	(63)	3.82	(63)	3,000 (207)	3,000	600
PL1-19	19	(73)	4.46	(73)	3,000 (207)	3,000	600
PL1-23	23	(85)	5.20	(85)	2,500 (172)	3,000	600
PL1-25	25	(93)	5.73	(93)	2,500 (172)	2,500	600
PL1-27	27	(104)	6.37	(104)	2,500 (172)	2,500	600
PL1-30	30	(115)	7.01	(115)	2,000 (138)	2,500	600
Refer to Brochure MP15-11 for Dimensions and Specifications							
W06	6	(23)	1.45	(23.9)	4,350 (300)	3,600	800
W08	8	(30)	1.96	(32.2)	4,350 (300)	3,600	600
W11	11	(42)	2.42	(39.7)	4,350 (300)	3,250	600
W13	13	(49)	2.92	(47.9)	4,000 (275)	3,000	600
W15	15	(57)	3.46	(56.8)	3,750 (260)	2,750	600
W17	17	(64)	3.96	(65.0)	3,500 (240)	2,500	600
W19	19	(72)	4.37	(71.6)	3,250 (225)	2,500	600
Refer to Brochure MP15-13 for Dimensions and Specifications							

PUMP SERIES	FLOW		DISPLACEMENT		MAX. PRESSURE PSI (BAR)	MAX. RPM	MIN. RPM***
	GPM	LPM	CU.IN.	CM ³			
X14	14	(53)	3.18	(52.1)	4,350 (300)	3,000	800
X16	16	(60)	3.83	(62.9)	4,350 (300)	3,000	600
X19	19	(72)	4.44	(72.8)	3,750 (260)	3,000	600
X23	23	(87)	5.20	(85.3)	3,500 (240)	2,750	600
X25	25	(95)	5.69	(93.4)	3,250 (225)	2,750	600
X27	27	(102)	6.35	(104)	3,000 (210)	2,500	600
X30	30	(114)	7.01	(115)	2,500 (190)	2,500	600
X33	33	(125)	7.78	(128)	2,500 (190)	2,500	600
X36	36	(136)	8.43	(138)	2,250 (155)	2,250	600
Refer to Brochure MP15-14 for Dimensions and Specifications							
MLSM-27	27	(102)	6.10	(102)	3,000 (207)	2,500	800
MLSM-31	31	(117)	7.11	(117)	3,000 (207)	2,500	800
MLSM-35	35	(132)	8.20	(132)	2,750 (190)	2,400	800
MLSM-40	40	(151)	9.27	(151)	2,750 (190)	2,300	800
MLSM-44	44	(166)	10.25	(166)	2,500 (170)	2,200	800
Refer to Brochure MP15-37 for Dimensions and Specifications							
DumpPumps					**		
S3LD1-06	6	(24)	1.47	(24)	2,500 (172)	2,500	800
S3LD1-11	11	(40)	2.46	(40)	2,500 (172)	2,500	800
S3LD1-15	15	(57)	3.45	(57)	2,500 (172)	2,500	800
E(H)3XL1-23	23	(87)	5.20	(85)	2,500 (172)	2,500	800
E(H)3XL1-27	27	(102)	6.37	(104)	2,500 (172)	2,500	800
Refer to Brochures MP15-10 and MP15-09 for Dimensions and Specifications							

Pumps are cast iron, three piece construction, with heavy duty roller or sleeve bearings, and pressure balanced wear plates. Call Muncie Power Products for detailed specifications or application assistance.

* Theoretical Flow @ 1,000 RPM.

** Intermittent Cycles Only.

*** Higher RPMs are generally recommended for continuous operation. To calculate torque requirement, use formula: $T = CID \times PSI \div 75.53$

SPECIAL PTOS

There are application pages which include special PTOS for modern, foreign transmissions. Please note that mounting kits and required spacers are not included with the PTO model unless specified. The options for these special PTOS vary for each model as described below.

PTO MODELS WITH HC6/HC8 SERIES

Shift Options:

- A – Manual air shift
- E – 12V Electric/Air shift
- C – Cable shift (Certain models only)

Activation connections: These shift options are similar installations to the TG series.

Output Option:

- B – 1000 Series companion flange. Requires a flange yoke 10-2-29 to attach to a 1000 Series drive shaft.
- K – SAE-B 2- and 4-Bolt hydraulic pump mount. Kit adapts to ISO type output with a coupler. Kit number: 606X5800000.



HC6S-Nissan PTO



SAE-B Kit

PTO MODELS RS4S

This model is designed for rear mounting to the countershaft of a manual or automated manual transmissions. Please note if a special transmission shaft adaptation is listed on the application page as these may be required for installation, but not included in the PTO model number.



RS4S-P86 Volvo Adaptation



RS4S-P86 Eaton Adaptation

RS4S-P82 SERIES OR RS4S-P86 SERIES

Shift Options:

- A – Manual air shift
- E – 12V Electric/Air shift (The exception is the Freedomline RS4S-P82Z1-E1CX, this PTO is provided with a special wiring harness required by ZF/Meritor for proper PTO operation)
- Z – 12V Electric/Air shift with special wiring harness for ZF/Meritor Freedomline and RS4S-P86Z series PTO)



RS4S-P82Z Freedomline



RS4S-P86 Mercedes Adaptation

Output Options:

- C – 1310 series companion Flange
- K – SAE-B 2- or 4-bolt hydraulic pump mount. Due to overhung load issues, this option limits the pump to 25 lbs. maximum system weight. Kit to convert to "K": 606X80A0000 (P82 also requires 12110082P00 adapter for hydraulic mount)
- I – DIN 5462 hydraulic mount, limited to pump system weight of 30 lbs. (P82 requires 12110082P00 adapter)



TRANSMISSION INDEX SECTION

This index includes current popular makes and models. For older transmissions not listed contact Muncie Power Products.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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AISIN

450-43LE4.....	3RD	58L	AISN-01
A4434.....	3RD	58L	AISN-01
A4454.....	3RD	58L	AISN-01
A45X26.....	5TH	69R	AISN-06
A465	.....6.....	5TH	69L	AISN-06
AS68RC	.....6.....	5TH	69R	AISN-02
M036A6	.....6.....	5TH	69L	AISN-06
MY-600	.....6.....	5TH	69L	AISN-06
A460	.....6.....	5TH	63L	AISN-03
A860E	.....6.....	5TH	63L	AISN-03
AS69RC (DIESEL)	.....6.....	5TH	69L or 69L	AISN-04
A467	.....6.....	5TH	69L	AISN-04
AS66RC (GAS)	.....6.....	5TH	69R or 69L	AISN-05

ALLISON

There are many older model Allison transmissions not listed here for which Muncie can provide PTOs. Contact the Muncie Sales Department for assistance with these models.

1000 SERIES (EVS, RDS, SPS, MHS, BUS, TRV)	.....5.....	4TH	64R&64L	ALLI-09
1700, 1750 SERIES	.....5.....	4TH	64R&64L	ALLI-15
2000 SERIES (EVS, RDS, SPS, MHS, BUS, TRV)	.....5.....	4TH	64R&64L	ALLI-09
2000 SERIES HINO CHASSIS	.....5.....	4th	64R&64L	ALLI-13
2015 & Later	.....5.....	4th	64R&64L	ALLI-16
2000 SERIES HINO CHASSIS	.....5.....	4TH	64R&64L	ALLI-15
2021 & Later	.....5.....	4th	64R&64L	ALLI-16
2700, 2750 SERIES	.....5.....	4TH	64R&64L	ALLI-15
3000* SERIES (EVS, RDS, SPS)	.....5.....	4TH	68R&68L	ALLI-05
MD-SERIES W/TOP OPENING	.....5.....	4TH	68R&68L	ALLI-05
3000* SERIES (MHS, BUS, TRV) Optional	.....5.....	4TH	68R&68L	ALLI-10
MD-SERIES W/TOP OPENING	.....5.....	4TH	68R&68L	ALLI-10
3000 SERIES HINO CHASSIS	.....5.....	4TH	68R&68L	ALLI-14
2015 & Later	.....5.....	4TH	68R&68L	ALLI-17
3000 SERIES HINO CHASSIS	.....7.....	4TH	68L	ALLI-11
3700, 3700 SPS	.....5.....	4TH	97R&97L	ALLI-06
4000* SERIES (EVS,RDS,SPS)	.....5.....	4TH	97R&97L	ALLI-06
4000* SERIES (MHS,BUS,TRV) Optional	.....5.....	4TH	97R&97L	ALLI-06
6310xxxxxx Serial No. 1000 or 2000 SERIES	.....5.....	4TH	64R&64L	ALLI-09
6311xxxxxx Serial No. 1000 Series	.....6.....	4th	64R&64L	ALLI-09
6510xxxxxx Serial No. 3000* Series	.....5.....	4TH	68R&68L	ALLI-05
6520xxxxxx Serial No. 3000* Series	.....5.....	4TH	68R&68L	ALLI-05
6610xxxxxx Serial No. 4000* Series	.....5.....	4TH	97R&97L	ALLI-06
AT-1542	.....4.....	4TH	55R	ALLI-01
AT-1545	.....4.....	4TH	55R	ALLI-01
AT-540	.....4.....	4TH	55R	ALLI-01
AT-542	.....4.....	4TH	55R	ALLI-01
AT-543	.....4.....	4TH	55R	ALLI-01
AT-545	.....4.....	4TH	55R	ALLI-01
CLBT-5620*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-5860*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-5861*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-5961*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-5963*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-5965*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-6061*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-6062*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-6063*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-6620*	.....6.....	5TH	46R&38T	ALLI-08
CLBT-750	.....5.....	5TH	78L	ALLI-03

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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ALLISON (Continued)

CLBT-750 (OPTIONAL 8-BOLT OPENINGS)*5.....	5TH	40T&64L	ALLI-04
CLBT-9681*6.....	5TH	52R&39T	ALLI-07
CLT-5620*	.....6.....	5TH	46R&38T	ALLI-08
CLT-5860*	.....6.....	5TH	46R&38T	ALLI-08
CLT-5861*	.....6.....	5TH	46R&38T	ALLI-08
CLT-5961*	.....6.....	5TH	46R&38T	ALLI-08
CLT-5963*	.....6.....	5TH	46R&38T	ALLI-08
CLT-5965*	.....6.....	5TH	46R&38T	ALLI-08
CLT-6061*	.....6.....	5TH	46R&38T	ALLI-08
CLT-6062*	.....6.....	5TH	46R&38T	ALLI-08
CLT-6063*	.....6.....	5TH	46R&38T	ALLI-08
CLT-6620*	.....6.....	5TH	46R&38T	ALLI-08
CLT-750	.....5.....	5TH	78L	ALLI-03
CLT-750 (OPTIONAL 8-BOLT OPENINGS)*	.....5.....	5TH	40T&64L	ALLI-04
CLT-9884*	.....6.....	5TH	52R&39T	ALLI-07
CLT-9885*	.....6.....	5TH	52R&39T	ALLI-07
DP-8861*	.....6.....	5TH	52R&39T	ALLI-07
DP-8862*	.....6.....	5TH	52R&39T	ALLI-07
DP-8960*	.....6.....	5TH	52R&39T	ALLI-07
DP-8961*	.....6.....	5TH	52R&39T	ALLI-07
DP-8962*	.....6.....	5TH	52R&39T	ALLI-07
DP-8963*	.....6.....	5TH	52R&39T	ALLI-07
HD-4060P*	.....6.....	4TH	97R&97L	ALLI-06
HD-4070P*	.....7.....	4TH	97R&97L	ALLI-06
HD-4560P*	.....6.....	4TH	97R&97L	ALLI-06
HT-740	.....4.....	4TH	78L	ALLI-03
HT-740 (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-740D	.....4.....	4TH	78L	ALLI-03
HT-740D (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-740DT	.....4.....	4TH	78L	ALLI-03
HT-740DT (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-740FS	.....4.....	4TH	78L	ALLI-03
HT-740FS (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-740FTS	.....4.....	4TH	78L	ALLI-03
HT-740FTS (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-740RS	.....4.....	4TH	78L	ALLI-03
HT-740RS (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-741	.....4.....	4TH	78L	ALLI-03
HT-741 (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-745	.....4.....	4TH	78L	ALLI-03
HT-745 (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-747	.....4.....	4TH	78L	ALLI-03
HT-747 (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-748	.....4.....	4TH	78L	ALLI-03
HT-748 (OPTIONAL 8-BOLT OPENINGS)*	.....4.....	4TH	40T&64L	ALLI-04
HT-750CRD	.....5.....	5TH	78L	ALLI-03
HT-750CRD (OPTIONAL 8-BOLT OPENINGS)*	.....5.....	5TH	40T&64L	ALLI-04
HT-750DR	.....5.....	5TH	78L	ALLI-03
HT-750DR (OPTIONAL 8-BOLT OPENINGS)*	.....5.....	5TH	40T&64L	ALLI-04

* These transmissions have PTO openings in front of the torque converter and are directly engine driven. Clutch shift type PTOs only are recommended unless non-shiftable (constant mesh) PTOs can be utilized.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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ALLISON (Continued)

HT-750DRD		4	4TH	78L	ALLI-03
HT-750DRD (OPTIONAL 8-BOLT OPENINGS)*		4	4TH	40T&64L	ALLI-04
HT-754CR		5	5TH	78L	ALLI-03
HT-754CR (OPTIONAL 8-BOLT OPENINGS)*		5	5TH	40T&64L	ALLI-04
HT-754CRD		5	5TH	78L	ALLI-03
HT-754CRD (OPTIONAL 8-BOLT OPENINGS)*		5	5TH	40T&64L	ALLI-04
HT-755CR		5	5TH	78L	ALLI-03
HT-755CR (OPTIONAL 8-BOLT OPENINGS)*		5	5TH	40T&64L	ALLI-04
HT-755DR		5	5TH	78L	ALLI-03
HT-755DR (OPTIONAL 8-BOLT OPENINGS)*		5	5TH	40T&64L	ALLI-04
M5600*		6	5TH	46R&36T	ALLI-08
M5610*		6	5TH	46R&36T	ALLI-08
M6600*, H6600*		6	5TH	46R&36T	ALLI-08
M6610*, H6610*		6	5TH	46R&36T	ALLI-08
M8610*, H8610*		6	5TH	52R&39T	ALLI-07
M9600*, H9600*		6	5TH	52R&39T	ALLI-07
M9610*, H9610*		6	5TH	52R&39T	ALLI-07
M9800*		6	5TH	52R&39T	ALLI-07
M9810*, H9810*		8	7TH	52R&39T	ALLI-07
MD-3050P*		5	4TH	68R&68L	ALLI-05
MD-3060P W/ TOP OPENING		6	4TH	83T&83L	ALLI-10
MD-3060P*		6	4TH	68R&68L	ALLI-05
MD-3066P W/ TOP OPENING		6	4TH	83T&83L	ALLI-10
MD-3066P*		6	4TH	68R&68L	ALLI-05
MD-3070PT*		7	N.A.	68L	ALLI-05
MD-3070PT*		7	N.A.	68L	ALLI-11
MD-3550P*		5	4TH	68R&68L	ALLI-05
MD-3560P W/ TOP OPENING		6	4TH	83T&83L	ALLI-10
MD-3560P*		6	4TH	68R&68L	ALLI-05
MD-3566P*		6	4TH	68R&68L	ALLI-05
MT-640		4	4TH	64R	ALLI-02
MT-643		4	4TH	64R	ALLI-02
MT-644		4	4TH	64R	ALLI-02
MT-644CR		4	4TH	64R	ALLI-02
MT-647		4	4TH	64R	ALLI-02
MT-648		4	4TH	64R	ALLI-02
MT-650		5	5TH	64R	ALLI-02
MT-653		4	4TH	64R	ALLI-02
MT-653DR		5	5TH	64R	ALLI-02
MT-654CR		5	5TH	64R	ALLI-02
S5600*		6	5TH	46R&36T	ALLI-08
S6600*, SS620		6	5TH	46R&36T	ALLI-08
S8610*		8	7TH	52R&39T	ALLI-07
S9600*		8	7TH	52R&39T	ALLI-07
S9610*		8	7TH	52R&39T	ALLI-07
S9800*, H9800*		8	7TH	52R&39T	ALLI-07
S9805*		8	7TH	52R&39T	ALLI-07
S9806*		8	7TH	52R&39T	ALLI-07
S9810*, S9820*		8	7TH	52R&39T	ALLI-07
TC-10-TS		10	10TH	REAR	ALLI-12
98100FS*		8	7TH	52R&39T	ALLI-07
98230FS*		8	7TH	52R&39T	ALLI-07
98260FS*		8	7TH	52R&39T	ALLI-07

CATERPILLAR

TH48FT-E80		6	4TH	57R&57L	CATT-04
TH55FT-E70		6	4TH	75R	CATT-05

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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CHELSEA

4700A				39R&39L	CHEL-01
4700H				39R&39L	CHEL-01

CHELSEA

4900				39R&39L	CHEL-01
910AK				39R&39L	CHEL-01
911AK				39R&39L	CHEL-01
912AH				39R&39L	CHEL-02
941 1				23R&23L	CHEL-03

CHEVY/GMC

M69 - FULLER FSO-8406A	6	5TH	48R&48L	FULL-49
M74 - ALLISON 1000 3500 Cab Chassis	5	4TH	64R&64L	ALLI-09
M74 - ALLISON 1000 C4500-C5500 Chs.	5	4TH	64R&64L	ALLI-09
MBV - ALLISON 1000 RDS	5	4TH	64R&64L	ALLI-09
MBW - ALLISON 1000 EVS	5	4TH	64R&64L	ALLI-09
MBZ - ALLISON 2200 RDS	5	4TH	64R&64L	ALLI-09
MHD - ALLISON 2350 EVS	5	4TH	64R&64L	ALLI-09
MHE - ALLISON 2350 RDS	5	4TH	64R&64L	ALLI-09
MK8 - TTC/SPICER ES56-7B	7	7TH	34R&34L	SPCR-56
MK9 - TTC/SPICER ESO66-7B	7	6TH	34R&34L	SPCR-29
MKO - FULLER FS-6305A	5	5TH	39R&39L	FULL-11
MLO - FULLER FS-6305B	5	5TH	41R&41L	FULL-12
MM7 - FULLER FS-5406A	6	6TH	38R&38L	FULL-09
MM8 - FULLER FS-6406A	6	6TH	38R&38L	FULL-09
MPQ - ALLISON 2550 RDS	5	4TH	64R&64L	ALLI-09
MPR - ALLISON 2550 EVS	5	4TH	64R&64L	ALLI-09
MPS - ALLISON 2500 RDS	5	4TH	64R&64L	ALLI-09
MPU - FULLER FS-5205A	5	5TH	33R&19L	FULL-07
MS9 - FULLER RT-8709B	9	9TH	45R&47B	FULL-25
MSC - FULLER FS-4205B	5	5TH	28R&28L	FULL-06
MSG - FULLER FS-4205A	5	5TH	28R&28L	FULL-05
MT3 - FULLER RT-8709B	10	8TH	45R&47B	FULL-25
MTX - ALLISON 2200 RDS	5	4TH	64R&64L	ALLI-09
MTY - ALLISON 2300 RDS	5	4TH	64R&64L	ALLI-09
MUT - FULLER RT-6609A	9	9TH	33R&33B	FULL-15
MW7 - ALLISON 1000 3500 Cab Chassis 2007-2012	6	4TH	64R&64L	ALLI-09
MWT - ALLISON 3000 RDS	5	4TH	68R&68L	ALLI-05
MWU - ALLISON 3000 RDS	5	4TH	68R&68L	ALLI-05
MWY - ALLISON 3000 RDS	5	4TH	68R&68L	ALLI-05
MWZ - ALLISON 3500 RDS	5	4TH	68R&68L	ALLI-05
MY6 - ALLISON 2200 EVS	5	4TH	64R&64L	ALLI-09
SM-420	4	4TH	33L	N2
TDET-1361	5	4TH	33L	TREM-02

DETROIT DIESEL

DT-12-OC	12	12TH	REAR&39B	DETR-03
DT-12-OD	12	12TH	REAR&40B	DETR-04
DT-12-OHE	12	12TH	REAR&39B	DETR-03
DT12-OV	12	12TH	REAR&39B	DETR-03
DT12-OVX	12	12TH	REAR&40B	DETR-04
DT-12-****-DH1	12	12TH	REAR	DETR-02
DT-12-****-DH8	12	12TH	REAR	DETR-01
DT-12-****-OH1	12	11TH	REAR	DETR-02
DT-12-****-OH8	12	11TH	REAR	DETR-01

Notes:

N2 - Not Current Production Transmission - No Muncie PTO.

* These transmissions have PTO openings in front of the torque converter and are directly engine driven. Clutch shift type PTOs only are recommended unless non-shiftable (constant mesh) PTOs can be utilized.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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DODGE RAM TRUCK

A45X2.....	6.....	5TH	69R	AISN-02
AS68RC.....	6.....	5TH	69R	AISN-02
AS69RC.....	6.....	5TH	69R	AISN-04

CLARK**

**Suffixes omitted, eg. 282V20. These only denote options for basic transmissions and do not affect the PTO.

Certain older model Clark transmissions are being manufactured outside the U.S.A. Contact the Muncie Sales Department for application assistance when encountering model numbers not listed here.

280V.....	5.....	5TH	40R&20L	CLAR-01
280VO.....	5.....	4TH	46R&20L	CLAR-02
282V.....	5.....	5TH	42R&20L	CLAR-03
282VHD.....	5.....	5TH	42R&20L	CLAR-03
285V.....	5.....	5TH	39R&20L	CLAR-04
285VHD.....	5.....	5TH	39R&20L	CLAR-04
390V.....	5.....	5TH	33R&19L	FULL-07
397V.....	5.....	5TH	30R&19L	FULL-08
CL-450 (CLARK).....	5.....	5TH	25R&25L	FULL-02
CL-455 (CLARK).....	5.....	5TH	25R&25L	FULL-03
CL-457 (CLARK).....	5.....	5TH	29R&29L	FULL-04
CL-551.....	5.....	5TH	33R&19L	FULL-07
CL-557.....	5.....	5TH	30R&19L	FULL-08
CL-558.....	5.....	5TH	33R&19L	FULL-07
CL-559A (TREMEC).....	5.....	5TH	33R&19L	FULL-07
CL-559B (TREMEC).....	5.....	5TH	33R&19L	FULL-07
CL-559C (TREMEC).....	5.....	5TH	30R&19L	FULL-08

DINA

CV31 (SPICER 3153A).....	5.....	5TH	22R&25L	N3
CV32 (SPICER 3853).....	5.....	4TH	22R&25L	N3
CV33 (SPICER 3152).....	4.....	4TH	42R&25L	N3
CV34 (SPICER 3152A).....	5.....	5TH	42R&25L	N3
CV35 (SPICER 3152E).....	5.....	5TH	22R&25L	N3
CV37F (SPICER 3556A).....	5.....	5TH	21R&26L	N3
CV64A (SPICER 6852G).....	5.....	5TH	23R&25L	N3
CV65 (SPICER 6852G).....	5.....	5TH	23R&25L	N3
CV65B (SPICER 6852Q).....	5.....	5TH	23R&25L	N3
CV65E (SPICER 6852Q).....	5.....	5TH	23R&25L	N3
CV66 (SPICER 6853G).....	5.....	5TH	23R&25L	N3
CV66A (SPICER 6853G).....	5.....	5TH	23R&25L	N3
CV67 (SPICER 6853C).....	5.....	5TH	23R&25L	N3
CV67F (SPICER ES65-5D).....	5.....	5TH	42R&42L	SPCR-27

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER

There are many older model Fuller transmissions not listed for which Muncie can provide PTOs. Contact the Muncie Sales Department for assistance with these models. These models include the 5-speed models currently out of production. (Ex. 5CW, 5AW Series, etc.)

F = If used, F denotes forward position of gear shift lever (RTF-11609A).

Does not affect PTO application.

Older models - AC = AutoClutch does not affect PTO application.

Road Ranger Model Codes:

O = Used in letter designation indicates overdrive. All overdrives now have direct shift pattern previously given (X) designation. The (X) replaces the overdrive designator (O) in the model number. (RTXF-11609A is same application as RTO-11609A.)

L = Following numbers, used for construction models to denote a low gear in addition to designated speeds (RTO-11919MLL 9+2 low-low gears, total 11 speeds forward.)

F = Designates front shifter and does not affect the PTO application.

2A-92 (AUXILIARY).....				N1
3905A.....	5.....	5TH	36R	EATN-04
3905B.....	5.....	5TH	36R	EATN-04
3905C.....	5.....	5TH	36R	EATN-04
4106-A (FRONT OPENING).....	6.....	6TH	45R	EATN-03
4106-B (FRONT OPENING ONLY).....	6.....	6TH	43R	EATN-01
6109-A.....	9.....	9TH	23L	EATN-02
AT-1202 (AUXILIARY).....	2.....	1ST	30T&30B	FULL-01
EDCO-6F107-A(P).....	7.....	7TH	47R&23L	FULL-57
EEO-14F112C.....	12.....	11TH	42B	FULL-58
EEO-15F112C.....	12.....	11TH	42B	FULL-58
EEO-16F112C.....	12.....	11TH	42B	FULL-58
EEO-17F112C.....	12.....	11TH	42B	FULL-58
EEO-18F112C.....	12.....	11TH	42B	FULL-58
EH-8E306A-CD (HYBRID).....	6.....	5TH	48R&48L	FULL-49
EH-8E306A-U (HYBRID).....	6.....	5TH	48R&48L	FULL-49
EH-8E306A-UP (HYBRID).....	6.....	5TH	48R&48L	FULL-49
F-5405B-DM3, F-5505B-DM3.....	5.....	5TH	48R	FULL-49
F-6405B-DM3, F-6505B-DM3.....	5.....	5TH	48R&48L	FULL-49
F-6406N-ASW.....	6.....	6TH	39R&39L	FULL-52
F-8405B-DM3.....	5.....	5TH	48R&48L	FULL-49
F-8406N-ASW.....	6.....	6TH	39R&39L	FULL-52
F-8406N-AW3.....	5.....	5TH	39R&39L	FULL-52
F-14E316B-LSE.....	16.....	15TH	45R&47B	FULL-54
F-15E316B-LSE.....	16.....	15TH	45R&47B	FULL-54
F-17E316B-LSE.....	16.....	15TH	45R&47B	FULL-54
FM-14D310B-LST.....	10.....	9TH	45R&47B	FULL-53
FM-15D310B-LST.....	10.....	9TH	45R&47B	FULL-53
FM-14E310B-LAS.....	10.....	10th	45R&47B	FULL-55
FM-15E310B-LAS.....	10.....	10th	45R&47B	FULL-55
FM-15E316B-LSE.....	16.....	16TH	45R&47B	FULL-54
FO-5406B-DM3, FO-5506B-DM3.....	6.....	5TH	48R	FULL-49
FO-6406A-ASW.....	6.....	5TH	48R	FULL-49
FO-6406A-ASX.....	6.....	5TH	48R	FULL-49
FO-6406A-AW3.....	6.....	5TH	48R&48L	FULL-49
FO-6406B-DM3, FO-6506B-DM3.....	6.....	5TH	48R&48L	FULL-49
FO-8406A-ASW.....	6.....	5TH	48R	FULL-49
FO-8406A-ASX.....	6.....	5TH	48R	FULL-49
FO-8406A-AW3.....	6.....	5TH	48R&48L	FULL-49
FO-8406B-DM3.....	6.....	5TH	48R&48L	FULL-49
FO-10E308LL-VCS.....	10.....	9th	45R&47B	FULL-54
FO-10E309ALL-VMS.....	11.....	10th	45R&47B	FULL-54
FO-10E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FO-11E308LL-VCS.....	10.....	9th	45R&47B	FULL-54
FO-11E309ALL-VMS.....	11.....	10th	45R&47B	FULL-54
FO-12E308LL-VCS.....	10.....	9th	45R&47B	FULL-54

Notes:

N1 - No PTOs Available.

N3 - PTO Application Available From M-Power or Muncie Website.

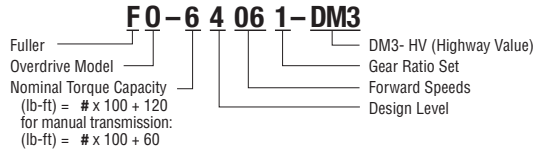
TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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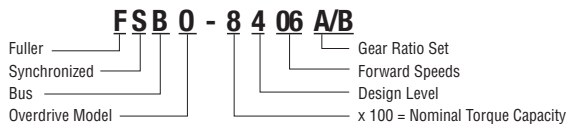
LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER (Continued)

Medium Duty - Automated Nomenclature

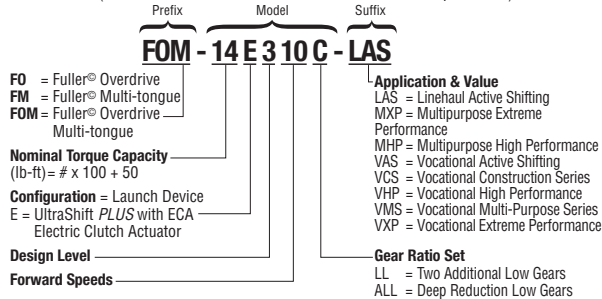


Medium Duty - Manual Nomenclature

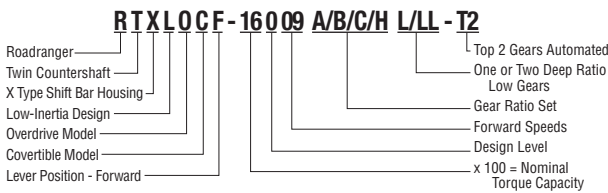


Heavy Duty - Automated Nomenclature

(reference item RRSL0002 for further nomenclature explanations)



Heavy Duty - Manual Nomenclature



FO-12E309ALL-VMS.....	11.....	10th	45R&47B	FULL-54
FO-12E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FO-14E308LL-VCS.....	10.....	9th	45R&47B	FULL-54
FO-14E309ALL-VMS.....	11.....	10th	45R&47B	FULL-54
FO-14E310C-LAS.....	10.....	9th	45R&47B	FULL-54
FO-14E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FO-14E313A-MHP.....	13.....	11th	45R&47B	FULL-54
FO-14E318B-MXP.....	18.....	16th	45R&47B	FULL-54
FO-14E318B-VXP.....	18.....	16th	45R&47B	FULL-54
FO-16D313E-LEP.....	13.....	11TH	45R&47B	FULL-54
FO-16E308LL-VCS.....	10.....	9th	45R&47B	FULL-54
FO-16E309ALL-VMS.....	11.....	10th	45R&47B	FULL-54
FO-16E310C-LAS.....	10.....	9th	45R&47B	FULL-54
FO-16E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FO-16E313A-MHP.....	13.....	11th	45R&47B	FULL-54
FO-16E313A-VHP.....	13.....	11th	45R&47B	FULL-54
FO-16E318B-MXP.....	18.....	16th	45R&47B	FULL-54
FO-16E318B-VXP.....	18.....	16th	45R&47B	FULL-54
FO-17E308LL-VCS.....	10.....	9th	45R&47B	FULL-54
FO-17E309ALL-VMS.....	11.....	10th	45R&47B	FULL-54
FO-18E313A-MHP.....	13.....	11th	45R&47B	FULL-54
FO-18E313A-VHP.....	13.....	11th	45R&47B	FULL-54
FO-18E318B-MXP.....	18.....	16th	45R&47B	FULL-54

EATON/FULLER (Continued)

FO-18E318B-VXP.....	18.....	16th	45R&47B	FULL-54
FO-20E313A-MHP.....	13.....	11th	45R&47B	FULL-54
FO-20E313A-VHP.....	13.....	11th	45R&47B	FULL-54
FO-20E318B-MXP.....	18.....	16th	45R&47B	FULL-54
FO-20E318B-VXP.....	18.....	16th	45R&47B	FULL-54
FO-22E318B-MXP.....	18.....	16th	45R&47B	FULL-54
FO-22E318B-VXP.....	18.....	16th	45R&47B	FULL-54
FOM-14E310C-LAS.....	10.....	9th	45R&47B	FULL-54
FOM-14E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FOM-15E310C-LAS.....	10.....	9th	45R&47B	FULL-54
FOM-15E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FOM-16E310C-LAS.....	10.....	9th	45R&47B	FULL-54
FOM-16E310C-VAS.....	10.....	9th	45R&47B	FULL-54
FO-5406B-DM3.....	6.....	5TH	48R	FULL-49
FO-6406A-ASW.....	6.....	5TH	48R	FULL-49
FO-6406A-ASX.....	6.....	5TH	48R	FULL-49
FO-6406A-AW3.....	6.....	5TH	48R&48L	FULL-49
FO-6406B-DM3.....	6.....	5TH	48R&48L	FULL-49
FO-8406A-ASW.....	6.....	5TH	48R	FULL-49
FO-8406A-ASX.....	6.....	5TH	48R	FULL-49
FO-8406A-AW3.....	6.....	5TH	48R&48L	FULL-49
FO-8406B-DM3.....	6.....	5TH	48R&48L	FULL-49
FOM-16D313E-LEP.....	13.....	11TH	45R&47B	FULL-54
FR(M)-11210B.....	10.....	9TH	45R&47B	FULL-40
FR(M)-12210B.....	10.....	9TH	45R&47B	FULL-40
FR(M)-13210B.....	10.....	9TH	45R&47B	FULL-40
FR(M)-14210B.....	10.....	9TH	45R&47B	FULL-40
FR(M)-15210B.....	10.....	10TH	45R&47B	FULL-40
FR-9210B.....	10.....	9TH	45R&47B	FULL-40
FRLO-14410C-T2.....	10.....	9TH	51R&51L	FULL-50
FRLO-15410C-T2.....	10.....	9TH	51R&51L	FULL-50
FRLO-16410C-T2.....	10.....	9TH	51R&51L	FULL-50
FRLO-18410C-T2.....	10.....	9TH	51R&51L	FULL-50
FRLO-XX410C-T2.....	10.....	9TH	Rear	FULL-51
FRO-11210B.....	10.....	9TH	45R&47B	FULL-39
FRO-11210C.....	10.....	9TH	45R&47B	FULL-38
FRO-12210B.....	10.....	9TH	45R&47B	FULL-39
FRO-12210C.....	10.....	9TH	45R&47B	FULL-38
FRO-13210B.....	10.....	9TH	45R&47B	FULL-39
FRO-13210C.....	10.....	9TH	45R&47B	FULL-38
FRO-14210B.....	10.....	9TH	45R&47B	FULL-39
FRO-14210C.....	10.....	9TH	45R&47B	FULL-38
FRO-15210B.....	10.....	9TH	45R&47B	FULL-39
FRO-15210C.....	10.....	9TH	45R&47B	FULL-38
FRO-16210B.....	10.....	9TH	45R&47B	FULL-39
FRO-16210C.....	10.....	9TH	45R&47B	FULL-38
FRO-17210C.....	10.....	9TH	45R&47B	FULL-38
FRO-18210C.....	10.....	9TH	45R&47B	FULL-38
FRO-9210B.....	10.....	9TH	45R&47B	FULL-39
FS-3005A (1988 & BEFORE).....	5.....	5TH	25R&25L	FULL-02
FS-3005A (1989 & AFTER).....	5.....	5TH	28R&28L	FULL-05
FS-3005B (1988 & BEFORE).....	5.....	5TH	25R&25L	FULL-03
FS-3005B (1989 & AFTER).....	5.....	5TH	28R&28L	FULL-06
FS-3005C.....	5.....	5TH	29R&29L	FULL-04
FS-3205A.....	5.....	5TH	28R&28L	FULL-05
FS-3205B.....	5.....	5TH	28R&28L	FULL-06
FS-3205C.....	5.....	5TH	29R&29L	FULL-04
FS-4005A (BEFORE NOV. 1987).....	5.....	5TH	25R&25L	FULL-02
FS-4005A (NOV. 1987 & AFTER).....	5.....	5TH	28R&28L	FULL-05
FS-4005B (BEFORE NOV. 1987).....	5.....	5TH	25R&25L	FULL-03
FS-4005B (NOV. 1987 & AFTER).....	5.....	5TH	28R&28L	FULL-06
FS-4005C.....	5.....	5TH	29R&29L	FULL-04
FS-4106A (FRONT OPENING).....	6.....	6TH	45R	EATN-03
FS-4205A.....	5.....	5TH	28R&28L	FULL-05
FS-4205B.....	5.....	5TH	28R&28L	FULL-06
FS-4205C.....	5.....	5TH	29R&29L	FULL-04

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER (Continued)

FS-5005A (TREMEC).....	5	5TH	33R&19L	FULL-07
FS-5005B.....	5	5TH	33R&19L	FULL-07
FS-5005C.....	5	5TH	30R&19L	FULL-08
FS-5005D (TREMEC).....	5	5TH	33R&19L	FULL-07
FS-5106A.....	6	6TH	38R&38L	FULL-09
FS-5205A.....	5	5TH	33R&19L	FULL-07
FS-5205B.....	5	5TH	33R&19L	FULL-07
FS-5205C.....	5	5TH	30R&19L	FULL-08
FS-5206A (FRONT OPENING).....	6	6TH	45R	EATN-03
FS-5206B (FRONT OPENING ONLY).....	6	6TH	43R	EATN-01
FS-5306A.....	6	6TH	38R&38L	FULL-09
FS-5406A.....	6	6TH	38R&38L	FULL-09
FS-5406N.....	6	6TH	39R&39L	FULL-52
FS-5506.....	6	6TH	50R&50L	FULL-10
FS-6005A.....	5	5TH	39R&39L	FULL-11
FS-6005B.....	5	5TH	41R&41L	FULL-12
FS-6105A.....	5	5TH	39R&39L	FULL-11
FS-6105B.....	5	5TH	41R&41L	FULL-12
FS-6106A.....	6	6TH	50R&50L	FULL-10
FS-6109A.....	9	9TH	23L	EATN-02
FS-6205A.....	5	5TH	39R&39L	FULL-11
FS-6205B.....	5	5TH	41R&41L	FULL-12
FS-6206A.....	6	6TH	38R&38L	FULL-09
FS-6305A.....	5	5TH	39R&39L	FULL-11
FS-6305B.....	5	5TH	41R&41L	FULL-12
FS-6305N.....	5	5TH	39R&39L	N2
FS-6306A, FS-6306B.....	6	6TH	38R&38L	FULL-09
FS-6306X.....	6	6TH	38R&38L	FULL-09
FS-6309A.....	9	9TH	23L	EATN-02
FS-6406A, FS-6406B.....	6	6TH	38R&38L	FULL-09
FS-6406N.....	6	6TH	39R&39L	FULL-52
FS-7206A.....	6	6TH	50R&50L	FULL-10
FS-8206A.....	6	6TH	50R&50L	FULL-10
FS-8209A.....	9	9TH	23L	EATN-02
FS-8309A.....	9	9TH	23L	EATN-02
FSB-5305D.....	5	5TH	31R&19L	FULL-48
FSB-5406B.....	6	6TH	38R&38L	FULL-09
FSB-6406B.....	6	6TH	38R&38L	FULL-09
FSBO-6406B.....	6	5TH	48R&48L	FULL-49
FSBO-8406B.....	6	5TH	48R&48L	FULL-49
FSM-5005E.....	5	5TH	33R&33L	FULL-44
FSM-5005G.....	5	5TH	32R&32L	FULL-45
FSM-5005H.....	5	5TH	33R&33L	FULL-46
FSM-5005J.....	5	5TH	32R&32L	FULL-47
FSM-5305E.....	5	5TH	33R&33L	FULL-44
FSM-5305G.....	5	5TH	32R&32L	FULL-45
FSM-5305H.....	5	5TH	33R&33L	FULL-46
FSO-4305A.....	5	5TH	36R	EATN-04
FSO-4305B.....	5	5TH	36R	EATN-04
FSO-4305C.....	5	5TH	36R	EATN-04
FSO-4405A.....	5	5TH	36R	EATN-04
FSO-4405B.....	5	5TH	36R	EATN-04
FSO-4405C.....	5	5TH	36R	EATN-04
FSO-6109A.....	9	8TH	23L	EATN-02
FSO-6406A.....	6	5TH	48R&48L	FULL-49
FSO-8209A.....	9	8TH	23L	EATN-02
FSO-8406A.....	6	5TH	48R&48L	FULL-49
FTS-16108LL.....	8	8TH	38R&58B	FULL-56
FTS-18109LL.....	8	8TH	38R&58B	FULL-56
RT-1110 (F).....	10	10TH	45R&47B	FULL-25
RT-11109A-AT.....	9	9TH	45R&47B	FULL-34
RT-11109A-ATE (ENGINE DRIVEN OPENING).....	66L			FULL-37
RT-11209H.....	9	9TH	45R&47B	FULL-40
RT-11210B.....	10	10TH	45R&47B	FULL-40
RT-11509.....	9	9TH	45R&47B	FULL-25
RT-11608.....	8	8TH	45R&47B	FULL-29

EATON/FULLER (Continued)

RT-11609A (F).....	9	9TH	45R&47B	FULL-25
RT-11609H.....	9	9TH	45R&47B	FULL-25
RT-11610 (F).....	10	10TH	45R&47B	FULL-25
RT-11613 (F).....	13	13TH	45R&47B	FULL-25
RT-11615 (F).....	15	15TH	45R&47B	FULL-25
RT-11709H.....	9	9TH	45R&47B	FULL-25
RT-11710B.....	10	10TH	45R&47B	FULL-25
RT-11715.....	15	15TH	45R&47B	FULL-25
RT-12109A-AT (ATE).....	9	9TH	45R&47B	FULL-34
RT-12109A-AT (ATE) (ENGINE DRIVEN OPENING).....	66L			FULL-37
RT-12209H.....	9	9TH	45R&47B	FULL-40
RT-12210B.....	10	10TH	45R&47B	FULL-40
RT-12509.....	9	9TH	45R&47B	FULL-25
RT-12510.....	10	10TH	45R&47B	FULL-25
RT-12513.....	13	13TH	45R&47B	FULL-25
RT-12515.....	15	15TH	45R&47B	FULL-25
RT-12609A.....	9	9TH	45R&47B	FULL-25
RT-12609H.....	9	9TH	45R&47B	FULL-25
RT-12610.....	10	10TH	45R&47B	FULL-25
RT-12709H.....	9	9TH	45R&47B	FULL-25
RT-12710B (AS2, AS3).....	10	10TH	45R&47B	FULL-25
RT-13209H.....	9	9TH	45R&47B	FULL-40
RT-13210B.....	10	10TH	45R&47B	FULL-40
RT-13609A.....	9	9TH	45R&47B	FULL-25
RT-13609H.....	9	9TH	45R&47B	FULL-25
RT-13709H.....	9	9TH	45R&47B	FULL-25
RT-13710B.....	10	10TH	45R&47B	FULL-25
RT-14109A-AT (ATE).....	9	9TH	45R&47B	FULL-34
RT-14109A-AT (ATE) (ENGINE DRIVEN OPENING).....	66L			FULL-37
RT-14209H.....	9	9TH	45R&47B	FULL-40
RT-14210B.....	10	10TH	45R&47B	FULL-40
RT-14608.....	8	8TH	45R&47B	FULL-29
RT-14609A.....	9	9TH	45R&47B	FULL-25
RT-14609H.....	9	9TH	45R&47B	FULL-25
RT-14610.....	10	10TH	45R&47B	FULL-25
RT-14613.....	13	13TH	45R&47B	FULL-25
RT-14615.....	15	15TH	45R&47B	FULL-25
RT-14709H.....	9	9TH	45R&47B	FULL-25
RT-14710B (AS2).....	10	10TH	45R&47B	FULL-25
RT-14715.....	15	15TH	45R&47B	FULL-25
RT-14915.....	15	15TH	45R&47B	FULL-25
RT-15613.....	13	13TH	45R&47B	FULL-25
RT-15615.....	15	15TH	45R&47B	FULL-25
RT-15715.....	15	15TH	45R&47B	FULL-25
RT-610.....	10	10TH	33R&33B	FULL-13
RT-613.....	13	13TH	33R&33B	FULL-13
RT-6609A.....	9	9TH	33R&33B	FULL-15
RT-6610.....	10	10TH	33R&33B	FULL-13
RT-6613.....	13	13TH	33R&33B	FULL-13
RT-7608LL.....	10	8TH	33R&33B	FULL-15
RT-7609.....	9	9TH	33R&33B	FULL-13
RT-8606L.....	7	6TH	45R&47B	FULL-29
RT-8608L.....	9	8TH	45R&47B	FULL-29
RT-8609.....	9	9TH	33R&33B	FULL-15
RT-8709B.....	9	9TH	45R&47B	FULL-25
RT-8908LL.....	10	8TH	45R&47B	FULL-25
RT-906.....	6	6TH	45R&47B	FULL-25
RT-909A.....	9	9TH	45R&47B	FULL-25
RT-910.....	10	10TH	45R&47B	FULL-25
RT-9109A-AT.....	9	9TH	45R&47B	FULL-34
RT-915.....	15	15TH	45R&47B	FULL-25
RT-9508.....	8	8TH	45R&47B	FULL-29
RT-9509A.....	9	9TH	45R&47B	FULL-25

Notes:

N2 – Not Current Production Transmission – No Muncie PTO.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER (Continued)

RT-9513		13	13TH	45R&47B	FULL-25
RT-9710B		10	10TH	45R&47B	FULL-25
RTA-14710B-AS		10	10TH	45R&47B	FULL-25
RTAO-10710B (AC)(AS)		10	9TH	45R&47B	FULL-42
RTAO-10710C (AC)(AS)		10	9TH	45R&47B	FULL-43
RTAO-12710B (AC)(AS)		10	9TH	45R&47B	FULL-42
RTAO-12710C (AC)(AS)		10	9TH	45R&47B	FULL-43
RTAO-14710B (AC)(AS)		10	9TH	45R&47B	FULL-42
RTAO-14710C (AC)(AS)		10	9TH	45R&47B	FULL-43
RTAO-16710B (AC)(AS)		10	9TH	45R&47B	FULL-42
RTAO-16710C (AC)(AS)		10	9TH	45R&47B	FULL-43
RTL-11710B (T2)		10	10TH	45R&47B	FULL-41
RTL-12710B (T2)		10	10TH	45R&47B	FULL-41
RTL-13710B (T2)		10	10TH	45R&47B	FULL-41
RTL-14710B (T2)		10	10TH	45R&47B	FULL-41
RTLC-16609A		9	9TH	45R&47B	FULL-43
RTLC-16609E		9	8TH	45R&47B	FULL-43
RTLC-16613A		13	13TH	45R&47B	FULL-43
RTLC-16613E		13	13TH	45R&47B	FULL-43
RTLO-11610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-12610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-12613B		13	12TH	45R&47B	FULL-25
RTLO-12713A		13	12TH	45R&47B	FULL-30
RTLO-12913A		13	12TH	45R&47B	FULL-30
RTLO-13118-AMT		18	17TH	45R&47B	FULL-43
RTLO-13610B (AS)		10	9TH	45R&47B	FULL-25
RTLO-13610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-14610A		10	9TH	45R&47B	FULL-25
RTLO-14610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-14613A		13	12TH	45R&47B	FULL-25
RTLO-14613B		13	12TH	45R&47B	FULL-25
RTLO-14618A		18	17TH	45R&47B	FULL-25
RTLO-14713A (T2)		13	12TH	45R&47B	FULL-43
RTLO-14718B (T2)		18	17TH	45R&47B	FULL-43
RTLO-14913A (T2)		13	12TH	45R&47B	FULL-30
RTLO-14918A-AS2, AS3		18	17TH	45R&47B	FULL-43
RTLO-14918B (T2)(AS)		18	17TH	45R&47B	FULL-43
RTLO-15610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-16610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-16618A		18	17TH	45R&47B	FULL-25
RTLO-16713A (T2)		13	12TH	45R&47B	FULL-43
RTLO-16718B (T2)		18	17TH	45R&47B	FULL-43
RTLO-16913A (T2)		13	12TH	45R&47B	FULL-30
RTLO-16913L-DM3		13	11TH	45R&47B	FULL-54
RTLO-16918A-AS2, AS3		18	17TH	45R&47B	FULL-43
RTLO-16918B (T2)(AS)		18	17TH	45R&47B	FULL-43
RTLO-17610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-18610B (T2)		10	9TH	45R&47B	FULL-41
RTLO-18718B		18	17TH	45R&47B	FULL-30
RTLO-18718B (T2)		18	17TH	45R&47B	FULL-43
RTLO-18913A (T2)		13	12TH	45R&47B	FULL-43
RTLO-18918A-AS2		18	17TH	45R&47B	FULL-43
RTLO-18918B (T2)(AS)		18	17TH	45R&47B	FULL-43
RTLO-20718B (T2)		18	17TH	45R&47B	FULL-43
RTLO-20913A		13	12TH	45R&47B	FULL-43
RTLO-20918A-AS2, AS3		18	17TH	45R&47B	FULL-43
RTLO-20918B (T2)(AS)		18	17TH	45R&47B	FULL-43
RTLO-22918B (AS)		18	17TH	45R&47B	FULL-43
RTLO-9118A-MT		18	17TH	45R&47B	FULL-41
RTLLOC-16909A (T2)		9	8TH	45R&47B	FULL-30
RTLOFC-16909A (T2)		9	8TH	45R&47B	FULL-30
RTLLOM-16913L-DM3		13	11TH	45R&47B	FULL-54
RTO-10710B (AS2, AS3)		10	9TH	45R&47B	FULL-26
RTO-10910B (AS2, AS3)		10	9TH	45R&47B	FULL-26
RTO-10910B-DM2		10	9TH	45R&47B	FULL-53
RTO-10910B-DM3		10	9TH	45R&47B	FULL-53
RTO-1110		10	9TH	45R&47B	FULL-27

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER (Continued)

RTO-11109A-AT (ATE)		9	8TH	45R&47B	FULL-35
RTO-11109A-AT (ATE) (ENGINE DRIVEN OPENING)		66L			FULL-37
RTO-11109B-AT (ATE)		9	8TH	45R&47B	FULL-36
RTO-11109B-AT (ATE) (ENGINE DRIVEN OPENING)		66L			FULL-37
RTO-11209B		9	8TH	45R&47B	FULL-39
RTO-11209H		9	8TH	45R&47B	FULL-39
RTO-11210B		10	9TH	45R&47B	FULL-39
RTO-11210C		10	9TH	45R&47B	FULL-38
RTO-11210R		10	9TH	45R&47B	FULL-38
RTO-11509		9	8TH	45R&47B	FULL-26
RTO-1157DL		8	7TH	45R&47B	FULL-21
RTO-1157DLL		9	7TH	45R&47B	FULL-21
RTO-11607L		8	7TH	45R&47B	FULL-22
RTO-11607LL		9	7TH	45R&47B	FULL-22
RTO-11608LL		10	8TH	45R&47B	FULL-26
RTO-11609A		9	8TH	45R&47B	FULL-26
RTO-11609B		9	8TH	45R&47B	FULL-30
RTO-11609H		9	8TH	45R&47B	FULL-30
RTO-11609P		9	8TH	45R&47B	FULL-31
RTO-11609R		9	8TH	45R&47B	FULL-31
RTO-11610		10	9TH	45R&47B	FULL-27
RTO-11613		13	12TH	45R&47B	FULL-25
RTO-11615		15	14TH	45R&47B	FULL-27
RTO-11707DLL		9	7TH	45R&47B	FULL-22
RTO-11707LL		9	7TH	45R&47B	FULL-22
RTO-11708LL		10	8TH	45R&47B	FULL-26
RTO-11709B		9	8TH	45R&47B	FULL-30
RTO-11709H		9	8TH	45R&47B	FULL-30
RTO-11709MLL		9	8TH	45R&47B	FULL-30
RTO-11710B		10	9TH	45R&47B	FULL-26
RTO-11710C		10	9TH	45R&47B	FULL-30
RTO-11715		15	14TH	45R&47B	FULL-27
RTO-11813		13	12TH	45R&47B	FULL-25
RTO-11908LL		10	8TH	45R&47B	FULL-26
RTO-11909ALL		11	7TH	45R&47B	FULL-30
RTO-11909MLL		11	7TH	45R&47B	FULL-30
RTO-12109A-AT (ATE)		9	8TH	45R&47B	FULL-35
RTO-12109A-AT (ATE) (ENGINE DRIVEN OPENING)		66L			FULL-37
RTO-12109B-AT (ATE)		9	8TH	45R&47B	FULL-36
RTO-12109B-AT (ATE) (ENGINE DRIVEN OPENING)		66L			FULL-37
RTO-1213		13	8TH	45R&47B	FULL-25
RTO-12209B		9	8TH	45R&47B	FULL-39
RTO-12209H		9	8TH	45R&47B	FULL-39
RTO-12210B		10	9TH	45R&47B	FULL-39
RTO-12210C		10	9TH	45R&47B	FULL-38
RTO-12210R		10	9TH	45R&47B	FULL-38
RTO-12509		9	8TH	45R&47B	FULL-26
RTO-12510		10	9TH	45R&47B	FULL-27
RTO-12513		13	12TH	45R&47B	FULL-25
RTO-12515		15	14TH	45R&47B	FULL-27
RTO-1258LL		10	8TH	45R&47B	FULL-26
RTO-12609A		9	8TH	45R&47B	FULL-26
RTO-12609B		9	8TH	45R&47B	FULL-30
RTO-12609H		9	8TH	45R&47B	FULL-30
RTO-12609P		9	8TH	45R&47B	FULL-31
RTO-12609R		9	8TH	45R&47B	FULL-31
RTO-12610		10	9TH	45R&47B	FULL-27
RTO-12709H		9	8TH	45R&47B	FULL-30
RTO-12710B (AS2, AS3)		10	9TH	45R&47B	FULL-26
RTO-12710C		10	9TH	45R&47B	FULL-30
RTO-12910B (AS2, AS3)		10	9TH	45R&47B	FULL-26
RTO-12910B-DM2		10	9TH	45R&47B	FULL-53
RTO-12910B-DM3		10	9TH	45R&47B	FULL-53
RTO-13109A-AT (ATE)		9	8TH	45R&47B	FULL-35
RTO-13109A-AT (ATE) (ENGINE DRIVEN OPENING)		66L			FULL-37
RTO-13109B-AT (ATE)		9	8TH	45R&47B	FULL-36

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER (Continued)

RTO-13109B-AT (ATE) (ENGINE DRIVEN OPENING)	66L	FULL-37
RTO-13209B	9..... 8TH	45R&47B FULL-39
RTO-13209H	9..... 8TH	45R&47B FULL-39
RTO-13210B	10..... 9TH	45R&47B FULL-39
RTO-13210C	10..... 9TH	45R&47B FULL-38
RTO-13210R	10..... 9TH	45R&47B FULL-38
RTO-13609A	9..... 8TH	45R&47B FULL-26
RTO-13609B	9..... 8TH	45R&47B FULL-30
RTO-13609H	9..... 8TH	45R&47B FULL-30
RTO-13609P	9..... 8TH	45R&47B FULL-31
RTO-13609R	9..... 8TH	45R&47B FULL-31
RTO-13707DLL	9..... 7TH	45R&47B FULL-22
RTO-13707MLL	9..... 7TH	45R&47B FULL-22
RTO-13709H	9..... 8TH	45R&47B FULL-30
RTO-13710B	10..... 9TH	45R&47B FULL-26
RTO-13710C	10..... 9TH	45R&47B FULL-30
RTO-14109A-AT (ATE)	9..... 8TH	45R&47B FULL-35
RTO-14109A-AT (ATE)(ENGINE DRIVEN OPENING)	66L	FULL-37
RTO-14109B-AT (ATE)	9..... 8TH	45R&47B FULL-36
RTO-14109B-AT (ATE)(ENGINE DRIVEN OPENING)	66L	FULL-37
RTO-14209B	9..... 8TH	45R&47B FULL-39
RTO-14209H	9..... 8TH	45R&47B FULL-39
RTO-14210B	10..... 9TH	45R&47B FULL-39
RTO-14210C	10..... 9TH	45R&47B FULL-38
RTO-14210R	10..... 9TH	45R&47B FULL-38
RTO-14608LL	10..... 8TH	45R&47B FULL-26
RTO-14609A	9..... 8TH	45R&47B FULL-26
RTO-14609B	9..... 8TH	45R&47B FULL-30
RTO-14609H	9..... 8TH	45R&47B FULL-30
RTO-14609P	9..... 8TH	45R&47B FULL-31
RTO-14609R	9..... 8TH	45R&47B FULL-31
RTO-14610	10..... 9TH	45R&47B FULL-27
RTO-14610C	10..... 9TH	45R&47B FULL-30
RTO-14613	13... 12TH	45R&47B FULL-25
RTO-14615	15... 14TH	45R&47B FULL-27
RTO-14708LL	10..... 8TH	45R&47B FULL-26
RTO-14709A	9..... 8TH	45R&47B FULL-26
RTO-14709H	9..... 8TH	45R&47B FULL-30
RTO-14709MLL	10..... 9TH	45R&47B FULL-30
RTO-14710B (AS2, AS3)	10..... 9TH	45R&47B FULL-26
RTO-14710C (AS2, AS3)	10..... 9TH	45R&47B FULL-30
RTO-14713	13... 12TH	45R&47B FULL-25
RTO-14715	15... 14TH	45R&47B FULL-27
RTO-14813	13... 12TH	45R&47B FULL-25
RTO-14908LL	10..... 8TH	45R&47B FULL-26
RTO-14909ALL	11..... 7TH	45R&47B FULL-30
RTO-14909MLL	11..... 7TH	45R&47B FULL-30
RTO-14910B (AS2, AS3)	10..... 9TH	45R&47B FULL-26
RTO-14910B-DM2	10..... 9TH	45R&47B FULL-53
RTO-14910B-DM3	10..... 9TH	45R&47B FULL-53
RTO-14910C (AS2, AS3)	10..... 9TH	45R&47B FULL-30
RTO-14915	15... 14TH	45R&47B FULL-27
RTO-15210B	10..... 9TH	45R&47B FULL-39
RTO-15210C	10..... 9TH	45R&47B FULL-38
RTO-15613	13... 12TH	45R&47B FULL-25
RTO-15615	15... 14TH	45R&47B FULL-27
RTO-15618	18... 17TH	45R&47B FULL-25
RTO-15708LL	10..... 8TH	45R&47B FULL-26
RTO-15710B	10..... 9TH	45R&47B FULL-26
RTO-15710C	10..... 9TH	45R&47B FULL-30
RTO-15715	15... 14TH	45R&47B FULL-27
RTO-15813	13... 12TH	45R&47B FULL-25
RTO-16109A-ATE	9..... 8TH	45R&47B FULL-35
RTO-16109A-ATE (ENGINE OPENING)	66L	FULL-37
RTO-16109B-AT (ATE)	9..... 8TH	45R&47B FULL-36
RTO-16109B-AT (ATE) (ENGINE OPENING)	66L	FULL-37

EATON/FULLER (Continued)

RTO-16210B	10..... 9TH	45R&47B FULL-39
RTO-16210C	10..... 9TH	45R&47B FULL-38
RTO-16709B	9..... 8TH	45R&47B FULL-30
RTO-16709H	9..... 8TH	45R&47B FULL-30
RTO-16710B (AS2,AS3)	10..... 9TH	45R&47B FULL-26
RTO-16710C (AS2, AS3)	10..... 9TH	45R&47B FULL-30
RTO-16715	15... 14TH	45R&47B FULL-27
RTO-16908LL	10..... 8TH	45R&47B FULL-26
RTO-16909ALL	11..... 7TH	45R&47B FULL-30
RTO-16910B (AS2, AS3)	10..... 9TH	45R&47B FULL-26
RTO-16910B-DM2	10..... 9TH	45R&47B FULL-53
RTO-16910B-DM3	10..... 9TH	45R&47B FULL-53
RTO-16910C (AS2, AS3)	10..... 9TH	45R&47B FULL-30
RTO-16915	15... 14TH	45R&47B FULL-27
RTO-18910B (AS2, AS3)	10..... 9TH	45R&47B FULL-26
RTO-610	10..... 9TH	33R&33B FULL-14
RTO-613	13... 12TH	33R&33B FULL-14
RTO-6610	10..... 9TH	33R&33B FULL-14
RTO-6613	13... 12TH	33R&33B FULL-14
RTO-909A	9..... 8TH	45R&47B FULL-26
RTO-910	10..... 9TH	45R&47B FULL-24
RTO-9109A-AT	9..... 8TH	45R&47B FULL-35
RTO-9109B-AT	9..... 8TH	45R&47B FULL-36
RTO-913	13... 12TH	45R&47B FULL-25
RTO-915	15... 14TH	45R&47B FULL-24
RTO-9509A	9..... 8TH	45R&47B FULL-26
RTO-9509B	9..... 8TH	45R&47B FULL-30
RTO-9513	13... 12TH	45R&47B FULL-25
RTO-958LL	10..... 8TH	45R&47B FULL-26
RTOC-16709A	9..... 8TH	45R&47B FULL-43
RTOC-16909A	9..... 8TH	45R&47B FULL-43
RTOC-16913A	13... 12TH	45R&47B FULL-43
RTOC-18909A	9..... 8TH	45R&47B FULL-43
RTOM-16910B-DM3	10..... 9TH	45R&47B FULL-53
RTOO-11613	13... 10TH	45R&47B FULL-30
RTOO-14613	13... 10TH	45R&47B FULL-30
RTOO-9513	13... 10TH	45R&47B FULL-30
RTX-11609A	9..... 8TH	45R&47B FULL-26
RTX-11609B	9..... 8TH	45R&47B FULL-30
RTX-11609P	9..... 8TH	45R&47B FULL-31
RTX-11609R	9..... 8TH	45R&47B FULL-31
RTX-11708LL	10..... 8TH	45R&47B FULL-26
RTX-11709H	9..... 8TH	45R&47B FULL-30
RTX-11710B	10..... 9TH	45R&47B FULL-26
RTX-11710C	10..... 9TH	45R&47B FULL-30
RTX-12609B	9..... 8TH	45R&47B FULL-30
RTX-12609P	9..... 8TH	45R&47B FULL-31
RTX-12609R	9..... 8TH	45R&47B FULL-31
RTX-12709H	9..... 8TH	45R&47B FULL-30
RTX-12710B	10..... 9TH	45R&47B FULL-26
RTX-12710C	10..... 9TH	45R&47B FULL-30
RTX-13609B	9..... 8TH	45R&47B FULL-30
RTX-13609P	9..... 8TH	45R&47B FULL-31
RTX-13609R	9..... 8TH	45R&47B FULL-31
RTX-13709H	9..... 8TH	45R&47B FULL-30
RTX-13710B	10..... 9TH	45R&47B FULL-26
RTX-13710C	10..... 9TH	45R&47B FULL-30
RTX-14609A	9..... 8TH	45R&47B FULL-26
RTX-14609B	9..... 8TH	45R&47B FULL-30
RTX-14609P	9..... 8TH	45R&47B FULL-31
RTX-14609R	9..... 8TH	45R&47B FULL-31
RTX-14708LL	10..... 8TH	45R&47B FULL-26
RTX-14709H	9..... 8TH	45R&47B FULL-30
RTX-14710B	10..... 9TH	45R&47B FULL-26
RTX-14710C	10..... 9TH	45R&47B FULL-30
RTX-14715	15... 14TH	45R&47B FULL-27

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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EATON/FULLER (Continued)

RTX-15710B	10.....	9TH	45R&47B	FULL-26
RTX-15710C	10.....	9TH	45R&47B	FULL-30
RTX-15715	15.....	14TH	45R&47B	FULL-27
RTX-16709B	9.....	8TH	45R&47B	FULL-30
RTX-16709H	9.....	8TH	45R&47B	FULL-30
RTX-16710B	10.....	9TH	45R&47B	FULL-26
RTX-16710C	10.....	9TH	45R&47B	FULL-30
T-11605A	5.....	5TH	45R&47B	FULL-16
T-11605B	5.....	5TH	45R&47B	FULL-16
T-11605C	5.....	5TH	45R&47B	FULL-19
T-11605D	5.....	5TH	45R&47B	FULL-17
T-11605F	5.....	5TH	45R&47B	FULL-20
T-11605M	5.....	5TH	45R&47B	FULL-17
T-11606	6.....	6TH	78R&78B	FULL-28
T-11607A	7.....	7TH	78R&78B	FULL-28
T-11607B	7.....	7TH	78R&78B	FULL-28
T-14607A	7.....	7TH	78R&78B	FULL-32
T-14607B	7.....	7TH	78R&78B	FULL-32
T-8607A	7.....	7TH	78R&78B	FULL-28
T-8607B	7.....	7TH	78R&78B	FULL-28
T-905A	5.....	5TH	45R&47B	FULL-16
T-905B	5.....	5TH	45R&47B	FULL-16
T-905C	5.....	5TH	45R&47B	FULL-19
T-905D	5.....	5TH	45R&47B	FULL-17
T-905F	5.....	5TH	45R&47B	FULL-20
T-905H	5.....	5TH	45R&47B	FULL-16
T-905J	5.....	5TH	45R&47B	FULL-19
T-905M	5.....	5TH	45R&47B	FULL-17
T-905P	5.....	5TH	45R&47B	FULL-16
T-955AL	6.....	6TH	45R&47B	FULL-16
T-955ALL	7.....	7TH	45R&47B	FULL-16
T-955GL	6.....	6TH	45R&47B	FULL-25
TO-11605A	5.....	4TH	45R&47B	FULL-22
TO-11605B	5.....	4TH	45R&47B	FULL-23
TO-11605C	5.....	4TH	45R&47B	FULL-18
TO-11605D	5.....	4TH	45R&47B	FULL-21
TO-11607B-ASX	7.....	6TH	78R&78B	FULL-33
TO-14607B-ASX	7.....	6TH	78R&78B	FULL-33
TO-905A	5.....	4TH	45R&47B	FULL-21
TO-905B	5.....	4TH	45R&47B	FULL-23
TO-905C	5.....	4TH	45R&47B	FULL-18
TO-905D	5.....	4TH	45R&47B	FULL-21
TO-955AL	6.....	5TH	45R&47B	FULL-21
TO-955ALL	7.....	6TH	45R&47B	FULL-21
TO-955DLL	7.....	6TH	45R&47B	FULL-21
TO-955LL	6.....	5TH	45R&47B	FULL-26
TS-11612A	12....	12TH	78R&78B	FULL-28
TS-12612A	12....	12TH	78R&78B	FULL-28
TS-13612A	12....	12TH	78R&78B	FULL-28
TS-15612A	12....	12TH	78R&78B	FULL-28
TS-16612A	12....	12TH	78R&78B	FULL-28
TSO-11612A	12....	11TH	78R&78B	FULL-28
TSO-12612A	12....	11TH	78R&78B	FULL-28
TSO-13612A	12....	11TH	78R&78B	FULL-28
TSO-15612A	12....	11TH	78R&78B	FULL-28
TSO-16612A	12....	11TH	78R&78B	FULL-28
TX-14607B	7.....	6TH	78R&78B	FULL-33
TX-8607B	7.....	6TH	78R&78B	FULL-33

FORD

4R100 4X2 (Diesel 1998-2002 Gas 1998-2004)...	4.....	3RD	115L	FORD-01
4R100 4X4(Diesel 1998-2002 Gas 1998-2004)...	4.....	3RD	115L	FORD-02
TORQSHIFT 4X2 (2005 & 2016) GAS	5.....	4TH	121L	FORD-05
TORQSHIFT 4X2 (2005 & 2010) DIESEL	5.....	4TH	121L	FORD-05

TORQSHIFT 4X2 (Diesel 2003-2004) ...5	.....	4TH	121L	FORD-03
TORQSHIFT 4X2 2006 LOW CAB FORWARD CHASSIS	5.....	4TH	121L	FORD-07
TORQSHIFT 4X2 and 4X4 (Diesel 2003-2004).....	5.....	4TH	121L	FORD-04
TORQSHIFT 4X2 OR 4X4 (2005 & Later GAS).....	5.....	4TH	121L	FORD-06
(2005-2010 DIESEL).....	5.....	4TH	121L	FORD-06
TORQSHIFT 4X4 (2005 & Later GAS)	5.....	4TH	121L	FORD-06
(2005-2010 DIESEL).....	5.....	4TH	121L	FORD-06
TORQSHIFT 6R140 Diesel (2011&LATER DIESEL) F-250-F-550 ONLY	6.....	4TH	52L	FORD-08
TORQSHIFT 6R140 6.8L GAS(2011&LATER F-650) 2016 & LATER F-750) F-650	6.....	4TH	52L	FORD-09
TORQSHIFT 6R140 (2016 & LATER GAS OR DIESEL) F-650-F-750	6.....	4TH	52L	FORD-10
TORQSHIFT 6R140 (JAN 6, 2016 & LATER DIESEL ONLY) F-650-F-750	6.....	4TH	52L	FORD-11
TORQSHIFT 10R140 (2020 & LATER DIESEL ONLY) F-250-F-600	6.....	4TH	52L	FORD-12
TORQSHIFT 10R140 (2020 & LATER GAS ONLY) F-250-F-600	6.....	4TH	52L	FORD-13

GETRAG

360	5.....	4TH	33R&33L	GETR-01
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HINO

LF05S	5.....	5TH		HINO-02
LF06S	6.....	6TH		HINO-03
LJ06S	6.....	6TH		HINO-04
M550	6.....	6TH		HINO-05
MF06S	6.....	6TH		HINO-01

INTERNATIONAL

13289 FULLER T-14607B	7.....	7TH	78R&78B	FULL-32
13447 SPICER PSO140-6A	6.....	5TH	54R&54B	SPCR-39
13ADK FORD TORQSHIFT	5.....	4TH	121L	FORD-07
13ADL FORD TORQSHIFT	5.....	4TH	121L	FORD-07
13ADN ALLISON 3000 EVS	5.....	4TH	68R&68L	ALLI-05
13ADP ALLISON 3500 EVS	6.....	4TH	68R&68L	ALLI-05
13ADR ALLISON 3500 EVS	5.....	4TH	68R&68L	ALLI-05
13ADX ALLISON 3000 TRV	6.....	4TH	68R&68L	ALLI-05
13ADY ALLISON 3000 TRV	5.....	4TH	68R&68L	ALLI-05
13AEC ALLISON 1000 HS	5.....	4TH	NONE	N1
13AED ALLISON 2100 HS	5.....	4TH	NONE	N1
13AEE ALLISON 2200 HS	5.....	4TH	NONE	N1
13AEP ALLISON 1000 PTS	5.....	4TH	NONE	N1
13AER ALLISON 2100 PTS	5.....	4TH	NONE	N1
13AES ALLISON 2200 PTS	5.....	4TH	NONE	N1
13AET ALLISON 2500 PTS	5.....	4TH	NONE	N1
13AEU ALLISON 3000 PTS	6.....	5TH	NONE	N1
13AEV ALLISON 3000 PTS	6.....	5TH	NONE	N1
13AEW ALLISON 2100 EVS	5.....	4TH	64R&64L	ALLI-09
13AEX ALLISON 2200 EVS	5.....	4TH	64R&64L	ALLI-09
13AEY ALLISON 2500 EVS	5.....	4TH	64R&64L	ALLI-09
13AEZ ALLISON 2100 RDS	5.....	4TH	64R&64L	ALLI-09
13AGA ALLISON 2200 RDS	5.....	4TH	64R&64L	ALLI-09
13AGB ALLISON 2500 RDS	5.....	4TH	64R&64L	ALLI-09
13AGC ALLISON 2500 RDS	5.....	4TH	64R&64L	ALLI-09
13AGD ALLISON 3000 RDS	5.....	4TH	68R&68L	ALLI-05
13AGE ALLISON 3000 RDS	5.....	4TH	68R&68L	ALLI-05
13AGH ALLISON 3000 RDS	6.....	4TH	68R&68L	ALLI-05
13AGJ ALLISON 3000 RDS	6.....	4TH	68R&68L	ALLI-05
13AGL ALLISON 3500 RDS	5.....	4TH	68R&68L	ALLI-05

Notes:

N1 - No PTOs Available.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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INTERNATIONAL (Continued)

13AGM ALLISON 3500 RDS	5	4TH	68R&68L	ALLI-05
13AGP ALLISON 3500 RDS	6	4TH	68R&68L	ALLI-05
13AGR ALLISON 3500 RDS	6	4TH	68R&68L	ALLI-05
13AHE ALLISON 1000 HS	5	4TH	NONE	N1
13AHH ALLISON 2200 HS	5	4TH	NONE	N1
13AHK ALLISON 1000 PTS	5	4TH	NONE	N1
13AHL ALLISON 2100 PTS	5	4TH	NONE	N1
13AHM ALLISON 2200 PTS	5	4TH	NONE	N1
13AHN ALLISON 2500 PTS	5	4TH	NONE	N1
13AHP ALLISON 2100 RDS	5	4TH	64R&64L	ALLI-09
13AHR ALLISON 2200 RDS	5	4TH	64R&64L	ALLI-09
13AHS ALLISON 2500 RDS	5	4TH	64R&64L	ALLI-09
13AHT ALLISON 2500 RDS	5	4TH	64R&64L	ALLI-09
13AHU ALLISON 2100 EVS	5	4TH	64R&64L	ALLI-09
13AHV ALLISON 2200 EVS	5	4TH	64R&64L	ALLI-09
13AHW ALLISON 2500 EVS	5	4TH	64R&64L	ALLI-09
13AJB ALLISON 3000 PTS	6	5TH	NONE	N1
13AJC ALLISON 3000 PTS	6	5TH	NONE	N1
13AJE ALLISON 3000 RDS	5	4TH	68R&68L	ALLI-05
13AJG ALLISON 3000 RDS	5	4TH	68R&68L	ALLI-05
13AJH ALLISON 3000 RDS	6	4TH	68R&68L	ALLI-05
13AJJ ALLISON 3000 RDS	6	4TH	68R&68L	ALLI-05
13AJK ALLISON 3500 RDS	5	4TH	68R&68L	ALLI-05
13AJL ALLISON 3500 RDS	5	4TH	68R&68L	ALLI-05
13AJN ALLISON 3500 RDS	6	4TH	68R&68L	ALLI-05
13AJP ALLISON 3500 RDS	6	4TH	68R&68L	ALLI-05
13AJR ALLISON B-300	6	5TH	NONE	N1
13AJU ALLISON 3000 EVS	6	4TH	68R&68L	ALLI-05
13AJV ALLISON 3000 EVS	5	4TH	68R&68L	ALLI-05
13AJW ALLISON 3500 EVS	6	4TH	68R&68L	ALLI-05
13AJX ALLISON 3500 EVS	5	4TH	68R&68L	ALLI-05
13AKA ALLISON 3000 TRV	6	4TH	68R&68L	ALLI-05
13AKB ALLISON 3000 TRV	5	4TH	68R&68L	ALLI-05
13AKG ALLISON 4000 HS	5	4TH	NONE	N1
13AKV ALLISON 1000 RDS	5	4TH	64R&64L	ALLI-09
13AKW ALLISON 1000 EVS	5	4TH	64R&64L	ALLI-09
13AKX ALLISON 1000 RDS	5	4TH	64R&64L	ALLI-09
13AKY ALLISON 1000 EVS	5	4TH	64R&64L	ALLI-09
13DBG SPICER PS110-7B	7	7TH	56R&56B	SPCR-35
13DBH SPICER PS145-7A	7	7TH	43R&43B	SPCR-34
13DBJ SPICER PS110-7A	7	7TH	43R&43B	SPCR-34
13DDS SPICER PSO115-10V	10	9TH	45R&45B	SPCR-45
13DGT SPICER ES46-5A	5	5TH	32R&32L	SPCR-55
13DGU SPICER ES56-5A	5	5TH	32R&32L	SPCR-55
13GAH FULLER FR-15210B	10	10TH	45R&47B	FULL-40
13GEW FULLER FS-6305A	5	5TH	39R&39L	FULL-11
13GGK FULLER FR-11210B	10	9TH	45R&47B	FULL-40
13GGL FULLER FRO-11210B	10	9TH	45R&47B	FULL-39
13GGM FULLER FRO-11210C	10	9TH	45R&47B	FULL-38
13GGT FULLER FR-12210B	10	9TH	45R&47B	FULL-40
13GGU FULLER FRO-12210B	10	9TH	45R&47B	FULL-39
13GGV FULLER FRO-12210C	10	9TH	45R&47B	FULL-38
13GHA FULLER FR-13210B	10	9TH	45R&47B	FULL-40
13GHB FULLER FRO-13210B	10	9TH	45R&47B	FULL-39
13GHC FULLER FRO-13210C	10	9TH	45R&47B	FULL-38
13GHJ FULLER FR-14210B	10	9TH	45R&47B	FULL-40
13GHK FULLER FRO-14210B	10	9TH	45R&47B	FULL-39
13GHL FULLER FRO-14210C	10	9TH	45R&47B	FULL-38
13GHN FULLER FRO-15210B	10	9TH	45R&47B	FULL-39
13GHP FULLER FRO-15210C	10	9TH	45R&47B	FULL-38
13GHR FULLER FRO-16210B	10	9TH	45R&47B	FULL-39
13GHS FULLER FRO-16210C	10	9TH	45R&47B	FULL-38
13GHV FULLER RTO-11908LL	10	8TH	45R&47B	FULL-26
13GHW FULLER RTO-14908LL	10	8TH	45R&47B	FULL-26
13GHX FULLER RTO-16908LL	10	8TH	45R&47B	FULL-26
13GHY FULLER RTO-16915	15	14TH	45R&47B	FULL-27
13GJR FULLER RT-8908LL	10	8TH	45R&47B	FULL-25

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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INTERNATIONAL (Continued)

13GJS FULLER RTLO-18913A	13	12TH	45R&47B	FULL-43
13GJT FULLER FR-9210B	10	9TH	45R&47B	FULL-39
13GKJ FULLER RTLO-16913A	13	12TH	45R&47B	FULL-30
13GKK FULLER RTLO-14918B	18	17TH	45R&47B	FULL-43
13GKL FULLER RTLO-16918B	18	17TH	45R&47B	FULL-43
13GKM FULLER RTLO-18918B	18	17TH	45R&47B	FULL-43
13GKZ FULLER FRO-18210C	10	9TH	45R&47B	FULL-38
13GMJ FULLER FSO-8406A	6	5TH	48R&48L	FULL-49
13GML FULLER FRLO-14410C-T2	10	9TH	51R&51L	FULL-50
13GMM FULLER FRLO-15410C-T2	10	9TH	51R&51L	FULL-50
13GMN FULLER FRLO-16410C-T2	10	9TH	51R&51L	FULL-50
13GMS FULLER FS-6406N	6	6TH	39R&39L	FULL-52
13GMY FULLER RTO(F)-11909ALL	11	7TH	45R&47B	FULL-30
13GMZ FULLER RTO(F)-14909ALL	11	7TH	45R&47B	FULL-30
13GNA FULLER RTO(F)-16909ALL	11	7TH	45R&47B	FULL-30
13NGG FULLER FS-5406N	6	6TH	39R&39L	FULL-52
13GNM FULLER RTLOF-20918B	18	17TH	45R&47B	FULL-43
13GNU FULLER RTO-16910C-AS2	10	9TH	45R&47B	FULL-30
13GPB FULLER FRLOF-15410C	10	9TH	51R&51L	FULL-50
13GPC FULLER FRLOF-16410C	10	9TH	51R&51L	FULL-50
13GPD FULLER FRLOF-14410C	10	9TH	51R&51L	FULL-50
13GPL FULLER RTOC-16909A	9	8TH	45R&47B	FULL-41
13GPM FULLER RTO-16910B-DM3	10	9TH	45R&47B	FULL-53
13GPN FULLER RTO-14910B-AS3	10	9TH	45R&47B	FULL-26
13GPP FULLER RTO-14910C-AS3	10	9TH	45R&47B	FULL-30
13GPR FULLER RTO-16910B-AS3	10	9TH	45R&47B	FULL-26
13GPS FULLER RTO-16910C-AS3	10	9TH	45R&47B	FULL-30
13GPT FULLER RTLO-16918A-AS3	18	16TH	45R&47B	FULL-43
13GPU FULLER RTLO-18918A-AS3				
AUTOSHIFT	18	16TH	45R&47B	FULL-43
13GPW FULLER RTO-14910B-DM3	10	9TH	45R&47B	FULL-53
13GRD FULLER RTLO(F)-12913A	13	12TH	45R&47B	FULL-30
13GRE FULLER RTLO(F)-14913A	13	12TH	45R&47B	FULL-30
13GRH FULLER RTLOC-16909A-T2	9	8TH	45R&47B	FULL-30
13GRK FULLER RTO-12910B-AS3	10	9TH	45R&47B	FULL-26
13GRL FULLER RTO-12910B-DM3	10	9TH	45R&47B	FULL-53
13MCG SPICER ESO66-7B	7	6TH	34R&34L	SPCR-29
13MCH SPICER ES56-7B (301739)	7	7TH	34R&34L	SPCR-56
13MET MERITOR M-13G10A-M13	10	10TH	45R&45B	MERT-01
13MEU MERITOR M-14G10A-M14	10	10TH	45R&45B	MERT-01
13MEV MERITOR M-15G10A-M15	10	10TH	45R&45B	MERT-01
13MEX MERITOR MO-12G10A-M12	10	9TH	45R&45B	MERT-02
13MEY MERITOR MO-13G10A-M13	10	9TH	45R&45B	MERT-02
13MEZ MERITOR MO-14G10A-M14	10	9TH	45R&45B	MERT-02
13MGA MERITOR MO-15G10A-M15	10	9TH	45R&45B	MERT-02
13MGB MERITOR MO-16G10A-M16	10	9TH	45R&45B	MERT-02
13MGG MERITOR MO-14G10C-M14	10	9TH	45R&45B	MERT-04
13MGH MERITOR MO-15G10C-M15	10	9TH	45R&45B	MERT-04
13MGJ MERITOR MO-16G10C-M16	10	9TH	45R&45B	MERT-04
13MGM MERITOR MO-14G10C-M16	10	9TH	45R&45B	MERT-04
13MGN MERITOR MO-16G10C-M18	10	9TH	45R&45B	MERT-04
13MGV ZF MO-14Z12A-A14	12	11TH	-	MERT-05
13MGW ZF MO-16Z12A-A16	12	11TH	-	MERT-05
T-17 NEW PROCESS 435L	4	4TH	35R	NEWP-05
T-18 NEW PROCESS 435L	4	4TH	35L	NEWP-05
T-20 NEW PROCESS 435L	4	4TH	35R&35L	NEWP-05

ISUZU

ELECTROMATIC (JATCO)	4	3RD	63L	JATC-01
MBG-5A	5	5TH	34L	ISUZ-01
MBG-5B	5	5TH	35L	ISUZ-02

Notes:

N1 - No PTOs Available.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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ISUZU (Continued)

MBG-5F		5	5TH	37L	ISUZ-03
MBG-5H		5	5TH	35L	ISUZ-02
MBP-6P		6	6TH	34L	ISUZ-13
MBP-6Q		6	6TH	35L	ISUZ-14
MJA-7U		7	7TH		ISUZ-18
MLD-6F		6	6TH	35L	ISUZ-08
MLD-6Q		6	6TH	36L	ISUZ-09
MYY-5T		5	5TH		ISUZ-16
MYY-6P		6	6TH		ISUZ-16
MZZ-6F		6	6TH		ISUZ-17
MZZ-6U		6	6TH	37L	ISUZ-15

JATCO

AUTOMATIC		4	3RD	63L	JATC-01
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MACK

There are many older model Mack transmissions not listed here for which Muncie can provide PTOs. Contact the Muncie Sales Department for assistance with these models. (Includes TRQ-7220, TRD-720, TRDL-7220, TRD-67, TRQ-720, ect.) Obtain gear tooth count prior to calling Muncie. Transmission models can be verified by use of the 11KBA***** number located on the transmission.

1078		5	5TH	34R&34L	MACK-01
4106A (EATON) (MIDLINER)		6	6TH	45R	EATN-03
4106-B (EATON) (MIDLINER)		6	6TH	43R	EATN-01
T-105 (RENAULT G405-1)		5	5TH	37R	RENA-01
T-1050 (BDSL-2152)		5	5TH	46R	N2
T-105A (RENAULT G405-0)		5	5TH	37R	RENA-02
T-1060 (BDSL-181, 2052R)		6	6TH	33R	N4
T-1060A (RENAULT G406-0)		6	5TH	37R	RENA-02
T-1060B (RENAULT G406-1)					N2
T-1070		12	11TH	37R&37L	MACK-04
T-1070B		12	11TH	37R&37L	MACK-04
T-1090		9	7TH	53R	RENA-03
T-1100 (BDSL-2142, 2142R)		10	10TH	53R	RENA-04
T2050		5	5TH	54R&54L	MACK-05
T2060		6	6TH	54R&54L	MACK-05
T2060A		6	6TH	40R&40L	MACK-11
T2060C		6	4TH	48R&48L	MACK-10
T2070 (FRONT BOX)		7	7TH	54R&54L	MACK-05
T2070 (REAR BOX)		7	7TH	49R&49L	MACK-06
T2070B (FRONT BOX)		7	7TH	54R&54L	MACK-05
T2070B (REAR BOX)		7	7TH	49R&49L	MACK-06
T2070C (FRONT BOX)		7	4TH	48R&48L	MACK-10
T2070C (REAR BOX)		7	7TH	49R&49L	MACK-06
T2070D (FRONT BOX)		7	7TH	48R&48L	MACK-10
T2070D (REAR BOX)		7	7TH	49R&49L	MACK-06
T2070F		7	7TH	54R&54L	MACK-05
T2080		8	8TH	54R&54L	MACK-05
T2080B		8	8TH	54R&54L	MACK-05
T2080B (REAR BOX)		8	8TH	49R&49L	MACK-06
T2080C		8	4TH	48R&48L	MACK-10
T2080D (FRONT BOX)		8	8TH	48R&48L	MACK-10
T2080D (REAR BOX)		8	8TH	49R&49L	MACK-06
T2090		9	9TH	54R&54L	MACK-07
T2100		10	10TH	54R&54L	MACK-08
T2110B (FRONT BOX)		10	10TH	54R&54L	MACK-08
T2110B (REAR BOX)		10	10TH	49R&49L	MACK-12
T2130 (FRONT BOX)		13	13TH	54R&54L	MACK-07
T2130 (REAR BOX)		13	13TH	49R&49L	MACK-09
T2130B (FRONT BOX)		13	13TH	54R&54L	MACK-07
T2130B (REAR BOX)		13	13TH	49R&49L	MACK-09
T2180 (FRONT BOX)		18	18TH	54R&54L	MACK-07
T2180 (REAR BOX)		18	18TH	49R&49L	MACK-09
T2180B (FRONT BOX)		18	18TH	54R&54L	MACK-07

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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MACK (Continued)

T2180B (REAR BOX)		18	18TH	49R&49L	MACK-09
T305		5	5TH	54R&54L	MACK-05
T306		6	6TH	54R&54L	MACK-05
T306G		6	6TH	40R&40L	MACK-11
T307 (FRONT BOX)		7	7TH	54R&54L	MACK-05
T307 (REAR BOX)		7	7TH	49R&49L	MACK-06
T307M (FRONT BOX)		7	7TH	54R&54L	MACK-05
T307M (REAR BOX)		7	7TH	49R&49L	MACK-06
T308		8	8TH	54R&54L	MACK-05
T308M (FRONT BOX)		8	8TH	54R&54L	MACK-05
T308M (REAR BOX)		8	8TH	49R&49L	MACK-06
T309		9	9TH	54R&54L	MACK-07
T309L		9	9TH	54R&54L	MACK-07
T309LR		9	9TH	54R&54L	MACK-07
T310		10	8TH	53R&53L	MACK-13
T310M (FRONT BOX)		10	8TH	53R&53L	MACK-13
T310M (REAR BOX)		10	8TH	49R&49L	MACK-15
T310ME (21) (FRONT BOX)		10	8TH	53R&53L	MACK-13
T310ME (21) (REAR BOX)		10	8TH	49R&49L	MACK-15
T310MLR (FRONT BOX)		10	8TH	54R&54L	MACK-07
T310MLR (REAR BOX)		10	8TH	49R&49L	MACK-15
T313 (FRONT BOX)		13	11TH	54R&54L	MACK-07
T31321 (FRONT BOX)		13	11TH	54R&54L	MACK-07
T313L (FRONT BOX)		13	11TH	54R&54L	MACK-07
T313L (REAR BOX)		13	11TH	49R&49L	MACK-14
T313L21 (FRONT BOX)		13	11TH	54R&54L	MACK-07
T313L21 (REAR BOX)		13	11TH	49R&49L	MACK-14
T313LR (FRONT BOX)		13	11TH	54R&54L	MACK-07
T313LR (REAR BOX)		13	11TH	49R&49L	MACK-14
T313LR21 (FRONT BOX)		13	11TH	54R&54L	MACK-07
T313LR21 (REAR BOX)		13	11TH	49R&49L	MACK-14
T318 (FRONT BOX)		18	16TH	54R&54L	MACK-07
T31821 (FRONT BOX)		18	16TH	54R&54L	MACK-07
T318L (FRONT BOX)		18	16TH	54R&54L	MACK-07
T318L (REAR BOX)		18	16TH	49R&49L	MACK-14
T318L21 (FRONT BOX)		18	16TH	54R&54L	MACK-07
T318L21 (REAR BOX)		18	16TH	49R&49L	MACK-14
T318LR (FRONT BOX)		18	16TH	54R&54L	MACK-07
T318LR (REAR BOX)		18	16TH	49R&49L	MACK-14
T318LR21 (FRONT BOX)		18	16TH	54R&54L	MACK-07
T318LR21 (REAR BOX)		18	16TH	49R&49L	MACK-14
TM308		8	7TH	54R&54L	MACK-16
TM308M (FRONT BOX)		8	7TH	54R&54L	MACK-07
TM308M (REAR BOX)		8	7TH	49R&49L	MACK-17
TM309		9	8TH	54R&54L	MACK-16
TM309M (FRONT BOX)		9	8TH	54R&54L	MACK-07
TM309M (REAR BOX)		9	8TH	49R&49L	MACK-07
TMD12AD		12	12TH		VOLV-04
TMD12A0		12	11TH		VOLV-05
TR-7220		5	4TH	25R&25L	N3
TRD-720		10	4TH	25R&25L	N3
TRD-7220		10	4TH	25R&25L	N3
TRD-72250		10	4TH	25R&25L	N3
TRD-7250		10	4TH	25R&25L	N3
TRDL-107		10	10TH	37R&37L	MACK-02
TRDL-1070		10	9TH	37R&37L	MACK-04
TRDL-720		10	4TH	25R&25L	N3
TRDL-7220		10	4TH	25R&25L	N3
TRDL-72250		10	4TH	25R&25L	N3
TRDL-7250		10	4TH	25R&25L	N3
TRDLG-1070		7	6TH	37R&37L	MACK-04

Notes:

- N2 – Not Current Production Transmission – No Muncie PTO.
- N3 – PTO Application Available From M-Power or Muncie Website.
- N4 – Not Current Production Trans. – Contact Muncie for Application Info.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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MACK (Continued)

TRDX-720	10	4TH	25R&25L	N3
TRDX-7220	10	4TH	25R&25L	N3
TRDXL-107	6	6TH	34R&34L	MACK-01
TRDXL-1070	6	5TH	34R&34L	MACK-01
TRDXL-1071	7	6TH	34R&34L	MACK-01
TRDXL-1078	6	6TH	34R&34L	MACK-01
TRDXL-10780	6	5TH	34R&34L	MACK-01
TRDXL-10781	7	6TH	34R&34L	MACK-01
TRDXT-720	10	4TH	25R&25L	N3
TRDXT-7220	10	4TH	25R&25L	N3
TRL-107	5	5TH	34R&34L	MACK-01
TRL-1076	5	5TH	34R&34L	MACK-01
TRL-1078	5	5TH	34R&34L	MACK-01
TRQ-720	20	5TH	25R&25L	N3
TRQ-7210	20	5TH	25R&25L	N3
TRQ-7220	20	5TH	25R&25L	N3
TRT-720	15	4TH	25R&25L	N3
TRT-7220	15	4TH	25R&25L	N3
TRTL-720	15	4TH	25R&25L	N3
TRTL-7220	15	4TH	25R&25L	N3
TRTQ-7220	20	5TH	25R&25L	N3
TRTXL-107	12	12TH	37R&37L	MACK-02
TRTXL-1070	12	11TH	37R&37L	MACK-04
TRTXL-1070B	12	11TH	37R&37L	MACK-04
TRX-107	6	6TH	37R&37L	MACK-02
TRXL-107	6	6TH	37R&37L	MACK-02
TRXL-1070	5	4TH	37R&37L	MACK-03
TRXL-1070A	5	4TH	37R&37L	MACK-03
TRXL-1071	6	6TH	37R&37L	MACK-02
TRXL-10710	5	4TH	37R&37L	MACK-03
TRXL-1071A	6	6TH	37R&37L	MACK-02
TRXL-1078	6	6TH	37R&37L	MACK-02
TRXL-107A	6	6TH	37R&37L	MACK-02
X-107	6	6TH	37R&37L	MACK-02
X-1070	5	4TH	37R&37L	MACK-03
X-1071	6	6TH	37R&37L	MACK-02
X-107A	6	6TH	37R&37L	MACK-02

MERCEDES

G56 DODGE RAM MANUAL	6	5TH	52R&52L	MERC-03
G56-6	6	5TH	52R&52L	MERC-03

MERCEDES (Continued)

G60-6	6	6TH	45R	MERC-05
G85-6	6	5TH	53R	MERC-05
MBT520-6DA (Automated)	6	6TH	45R	MERC-01
MBT520S-6D (BM 715.053)	6	6TH	45R	MERC-01
MBT660-60A (Automated)	6	5TH	53R	MERC-02
MBT660S-60 (BM 715.062)	6	5TH	53R	MERC-02
AGS (G85 712.631)	6	5TH	53R	MERC-02
TDET-0880	5	4TH	33L	TREM-02
TDET-2196	5	4TH	33L	TREM-02

MITSUBISHI

M030A4 AUTOMATIC	4	3RD	63L	JATC-01
M035A4	4	3RD	58L	AISN-01
M035S5	5	5TH	35L	MITS-03
M036A6	6	5TH	69L	AISN-02
M036S5 (4x2 Only)	5	4TH	40L	MITS-07
M036S6 (4x2 Only)	6	5TH	40L	MITS-07
M038S6 DUONIC	6	5TH	44L	MITS-08
M050S5	5	5TH	35L	MITS-04
M050S6-OD	6	5TH	35L	MITS-04
M060S5	5	5TH	35L	MITS-05
M060S6-D	6	6TH	41L	MITS-06

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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MITSUBISHI (Continued)

M060S6-OD	6	5TH	35L	MITS-05
M060S9 (EATON FS-8209A)	9	9TH	23L	EATN-02
M070S6-D	6	6TH	41L	MITS-06
M3 (S5)	5	5TH		N4
M4 (S5)	5	5TH	37L	MITS-01
M5 (S5)	5	5TH	37L	MITS-01
M6 (S5)	5	5TH	37L	MITS-01
M8S2X5 Before 4/94	10	10TH	29L	MITS-02
MY-600	6	5TH	69L	AISN-02

MUNCIE

SS66-U2 (SPLITSHAFT)	1		23R&23L	MUNC-01
SS88 (SPLITSHAFT)	1		50R&50L	MUNC-02

PACCAR

PO-14F112C	12	11TH	42B	FULL-58
PO-15F112C	12	11TH	42B	FULL-58
PO-16F112C	12	11TH	42B	FULL-58
PO-17F112C	12	11TH	42B	FULL-58
PO-18F112C	12	11TH	42B	FULL-58

NEW PROCESS

203 TRANSFER CASE	2	2ND	32R&32L	N4
205 TRANSFER CASE	2	2ND	35L	NEWP-01
435DE (6.68 LOW)	4	4TH	34R&34L	NEWP-03
435DL (6.68 Low)(Ford Before 1979)(Dodge Before 1986)	4	4TH	35R&35L	NEWP-05
435FE (6.68 LOW)(FORD)	4	4TH	34R	NEWP-04
435FL (6.68 Low)(Ford Before 1979)(Dodge Before 1986)	4	4TH	35R&35L	NEWP-05
435GL (6.68 Low)(Ford Before 1979)(Dodge Before 1986)	4	4TH	35R&35L	NEWP-05
540	5	5TH	20R&15L	N3
540C	5	5TH	20R&15L	N3
540CD	5	5TH	20R&15L	N3
540DD	5	5TH	20R&15L	N3
540FD	5	5TH	20R&15L	N3
540GD	5	5TH	20R&15L	N3
540R	5	5TH	20R&15L	N3
540T	5	5TH	20R&15L	N3
540W	5	5TH	20R&15L	N3

NEW PROCESS (Continued)

542CD (6.15 LOW) (6.29 LOW)	5	5TH	20R&23L	NEWP-06
542CL (7.24 LOW) (7.33 LOW)	5	5TH	20R&23L	NEWP-07
542DD (6.15 LOW) (6.29 LOW)	5	5TH	20R&23L	NEWP-06
542DL (7.24 LOW) (7.33 LOW)	5	5TH	19R&23L	NEWP-08
542FD (6.15 LOW) (6.29 LOW)	5	5TH	20R&23L	NEWP-06
542FL (7.24 LOW) (7.33 LOW)	5	5TH	19R&23L	NEWP-08
542GD (6.15 LOW) (6.29 LOW)	5	5TH	20R&23L	NEWP-06
542GL (7.24 LOW) (7.33 LOW)	5	5TH	20R&23L	NEWP-07

NEW VENTURE

241HD TRANSFER CASE	2	2ND	38R	NEWV-03
NV021			38R	NEWV-04
NV-4500 (5.61 LOW-DODGE)	5	4TH	30R&30L	NEWV-01
NV-4500 (5.61-LOW CHEVY) (AFTER BUILD DATE 021794)	5	4TH	30R&30L	NEWV-01

Notes:

N3 – PTO Application Available From M-Power or Muncie Website.

N4 – Not Current Production Trans. – Contact Muncie for Application Info.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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NEW VENTURE (Continued)

NV-4500 (5.61-LOW GM 2001 3600 USE CHEV-2)		5	4TH	30R&30L	NEWV-01
NV-4500 (6.34 LOW-CHEVY) (BEFORE BUILD DATE 021794)		5	4TH	32R&32L	NEWV-02
NV-4500HD (DODGE)		5	4TH	30R&30L	NEWV-01
NV-5600		6	5TH	57R&57L	NEWV-05

PT TECH

HPT014T-220SX-12VS-0		1	1ST	41R	PTTE-01
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RENAULT

BDSL-181		5	5TH		RENA-05
BDSL-2052R		5	5TH		RENA-05
BDSL-2142 OBSOLETE					
BDSL-2142R OBSOLETE					
BDSL-2152					N2
G405-0 (MACK)		5	5TH	37R	RENA-02
G405-1 (MACK)		5	5TH	37R	RENA-01
G406-0 (MACK)		6	5TH	37R	RENA-02
G406-1 (MACK T-1060B)					N2
T-105 (MACK)		5	5TH	37R	RENA-01
T-105A (MACK)		5	5TH	37R	RENA-02
T-1060A		5	5TH	37R	RENA-02

STERLING BULLET

AS68RC		6	5TH	69R	AINN-02
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SPICER (SEE TREMEC)

TOYOTA

M150 (TRANSFER CASE)		2	2ND		TOYO-01
M151 (TRANSFER CASE)		2	2ND		TOYO-01
M155 (TRANSFER CASE)		2	2ND		TOYO-01

TREMEC

190F (TREMEC)		4	4TH	36R&36L	WARN-01
199A		4	4TH	36R	TREM-01
199F		4	4TH	36R	TREM-01
CL-559A		5	5TH	33R&19L	FULL-07
CL-559B		5	5TH	33R&19L	FULL-07
CL-559C		5	5TH	30R&19L	FULL-08
ES54-5A		5	5TH	33R&33L	SPCR-47
ES54-5B		5	5TH	32R&32L	SPCR-48
ES54-5C		5	5TH	33R&33L	SPCR-49
FS-5005A		5	5TH	33R&19L	FULL-07
FS-5005D		5	5TH	33R&19L	FULL-07
FSM-5305E		5	5TH	33R&33L	FULL-44
FSM-5305G		5	5TH	32R&32L	FULL-45
FSM-5305H		5	5TH	33R&33L	FULL-46
TR4040		5	4TH	32R	TREM-02
TR4050 (TDET-0880, -1361, -1664, -2196, -4812)		5	4TH	32R	TREM-02
TR7070		7	7TH	34R&34L	TREM-09
TR-S46-5A		5	5TH	32R&32L	TREM-03
TR-S56-5A		5	5TH	32R&32L	TREM-03
TR-S62-5A		5	5TH	41R&41L	TREM-04
TR-S62-5D		5	5TH	43R&43L	TREM-05
TR-S67-5A		5	5TH	41R&41L	TREM-04
TR-S67-5D		5	5TH	43R&43L	TREM-05
TR-S70-5A		5	5TH	40R&40L	TREM-06
TR-S70-5D		5	5TH	42R&42L	TREM-07
TR-S56-7B		7	7TH	34R&34L	TREM-08
TR-S066-7B		7	7TH	34R&34L	TREM-09

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (Continued)

TR-T110-7B		7	7TH	56R&56L	TREM-10
TR-T110-7A		7	7TH	43R&43L	TREM-11
TR-T145-7A		7	7TH	43R&43L	TREM-11
TR-T86-10V		10	10TH	45R&45B	TREM-12
TR-T0115-10V		10	9TH	45R&45B	TREM-13
TR-T0145-10V		10	9TH	45R&45B	TREM-13
TR-T100-10D		10	10TH	45R&45B	TREM-14
TR-T145-10D		10	10TH	45R&45B	TREM-14
TR-S56-7B		7	7TH	34R&34L	TREM-08
TR-S066-7B		7	7TH	34R&34L	TREM-09
TR-T110-7B		7	7TH	56R&56L	TREM-10
TR-T110-7A		7	7TH	43R&43L	TREM-11
TR-T145-10D		10	10TH	45R&45B	TREM-14
TR-T0100-10S		10	9TH	45R&45B	TREM-15
TR-T0165-10S		10	9TH	45R&45B	TREM-15
TR-TD0165-18A		18	16TH	52R&52B	TREM-16
TR-TD0185-18A		18	16TH	52R&52B	TREM-16
TR-TD0205-18A		18	16TH	52R&52B	TREM-16

TREMEC (FORMERLY SPICER)

The Bill of Material (B/M) numbers found on the TTC/Spicer I.D. can be used to differentiate between old and new transmissions. Typically only the new style transmissions are shown. Muncie does have PTOs for most of the old-style, out of production transmissions. Contact the Muncie Sales Department for assistance.

1007-2A (300959 & EARLIER)					N4
1007-2A (301117) (301206)		7	7TH	45R&45B	SPCR-01
1007-2B (300960 & EARLIER)					N4
1007-2B (301118) (301207)		7	6TH	48R&48B	SPCR-38
1007-3A (300965 & EARLIER)(1976 & BEFORE)		7	6TH	51R&51B	N3
1007-3A (301121) (301208)		7	5TH	54R&54B	SPCR-36
1010-2A (300874 & EARLIER)					N4
1010-2A (301111)		10	10TH	49R&49B	SPCR-02
1010-3A (300980 & EARLIER)					N4
1010-3A (301113)		10	9TH	54R&54B	SPCR-40
1010-3B (300995 & EARLIER)					N4 1010-3B
(301115)		10	9TH	48R&48B	SPCR-03
1010-4A (300964 & EARLIER)					N4
1010-4A (301112)		10	10TH	49R&49B	SPCR-02
1010-5A (301069 & EARLIER)					N4
1010-5A (301114)		10	9TH	54R&54B	SPCR-40
1020-2A (300875 & EARLIER)					N4
1020-2A (301123)		20	10TH	49R&49B	SPCR-02
1020-3A (300894 & EARLIER)					N4
1020-3A (301125)		20	10TH	48R&48B	SPCR-03
1020-4A (300982 & EARLIER)					N4
1020-4A (301124)		20	10TH	49R&49B	SPCR-02
1020-5A (300983 & EARLIER)					N4
1020-5A (301126)		20	10TH	48R&48B	SPCR-03
1052A (300883 & EARLIER)					N4
1052A (301091)		5	5TH	43R&43B	SPCR-33
1054A (300963 & EARLIER)					N4
1054A (301092)		5	5TH	43R&43B	SPCR-33
1062A (300835 & EARLIER)					N4
1062A (301101)		6	6TH	45R&45B	SPCR-01
1062B (300836 & EARLIER)					N4
1062B (301103)		6	6TH	48R&48B	SPCR-04
1062C (301132 & EARLIER)					N4
1062C (301133)		6	6TH	48R&48B	SPCR-38
1062D (301148)		6	6TH	48R&48B	SPCR-04

Notes:

- N2 – Not Current Production Transmission – No Muncie PTO.
- N3 – PTO Application Available From M-Power or Muncie Website.
- N4 – Not Current Production Trans. – Contact Muncie for Application Info.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (FORMERLY SPICER) (Continued)

1064A (300961 & EARLIER)					N4
1064A (301102)	6	6TH	45R&45B	SPCR-01	
1064B (300962 & EARLIER)					N4
1064B (301104)	6	6TH	48R&48B	SPCR-04	
1064C (301135 & EARLIER)					N4
1064C (301136)	6	6TH	48R&48B	SPCR-38	
1064D (301149)	6	6TH	48R&48B	SPCR-04	
1107-2A (301201)	7	7TH	43R&43B	SPCR-34	
1207-2A (301195)	7	7TH	45R&45B	SPCR-01	
1207-2B (301196)	7	7TH	48R&48B	SPCR-38	
1207-2D (301240)	7	7TH	48R&48B	SPCR-38	
1207-3A (301199)	7	6TH	54R&54B	SPCR-36	
1211-3A	11	5TH	51R&51B		N3
1211-5A	11	5TH	51R&51B		N3
1214-2A (301128) (301210)	14	13TH	49R&49B	SPCR-42	
1214-3A (301072 & EARLIER)					N4
1214-3A (301130) (301212)	14	13TH	54R&54B	SPCR-05	
1214-4A (301129) (301211)	14	13TH	49R&49B	SPCR-42	
1214-5A (301089 & EARLIER)					N4
1214-5A (301131) (301213)	14	13TH	54R&54B	SPCR-05	
1241C (300977, 301145, 301151)	4	3RD	39R&39B	SPCR-16	
1241CT	4	3RD	39R&39B	SPCR-16	
1241D (300978, 301146, 301152)	4	3RD	39R&39B	SPCR-16	
1241DT	4	3RD	39R&39B	SPCR-16	
1252A (300898 & EARLIER)					N4
1252A (301094)	5	5TH	44R&44B	SPCR-06	
1253A (300899 & EARLIER)					N4
1253A (301096)	5	4TH	51R&51B	SPCR-07	
1253B (300928 & EARLIER)					N4
1253B (301098)	5	4TH	55R&55B	SPCR-08	
1254A (300997 & EARLIER)					N4
1254A (301095)	5	5TH	44R&44B	SPCR-06	
1255A (301057 & EARLIER)					N4
1255A (301097)	5	4TH	51R&51B	SPCR-07	
1255B (301058 & EARLIER)					N4
1255B (301099)	5	4TH	55R&55B	SPCR-08	
1262A (1976 & BEFORE)	6	6TH	51R&51B		N3
1262A (301105)	6	6TH	45R&45B	SPCR-09	
1263A (300834 & EARLIER)(1976 & BEFORE)					N3
	6	5TH	51R&51B		N3
1263A (301107)	6	5TH	54R&54B	SPCR-39	
1263B (301076 & EARLIER)(1976 & BEFORE)					N3
	6	5TH	51R&51B		N3
1263B (301109)	6	5TH	54R&54B	SPCR-36	
1264A	6	6TH	51R&51B		N3
1264A (301106)	6	6TH	45R&45B	SPCR-09	
1265A	5	4TH	51R&51B		N3
1265A (301108)	5	4TH	54R&54B	SPCR-39	
1272A (301139 & EARLIER)					N4
1272A (301140) (301215)	6	6TH	48R&48B	SPCR-38	
1272B (301158)	6	6TH	48R&48B	SPCR-04	
1274A (301134 & EARLIER)					N4
1274A (301141) (301216)	6	6TH	48R&48B	SPCR-38	
1274B (301159)	6	6TH	48R&48B	SPCR-04	
1310-2A (301292)	10	10TH	51R&51B	SPCR-10	
1310-4A (301317)	10	10TH	51R&51B	SPCR-10	
1352A (301235)	5	5TH	43R&43B	SPCR-33	
1362A (301169)	6	6TH	45R&45B	SPCR-01	
1362B (301171)	6	6TH	48R&48B	SPCR-38	
1362C (301178)	6	6TH	48R&48B	SPCR-38	
1362D (301180)	6	6TH	48R&48B	SPCR-38	
1364C (301179)	6	6TH	48R&48B	SPCR-38	
1372A (301271) (301398)	7	7TH	43R&43B	SPCR-34	
1372B (301325) (301405)	7	7TH	56R&56B	SPCR-35	
1374A (301272)	7	7TH	43R&43B	SPCR-34	
1410-2A (301288) (301161)	10	10TH	49R&49B	SPCR-02	

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (FORMERLY SPICER) (Continued)

1410-3A (301163)	10	10TH	54R&54B	SPCR-40	
1410-3B (301165)	10	9TH	48R&48B	SPCR-03	
1412-3A (301227)	12	11TH	54R&54B	SPCR-40	
1414-2A (301242)	14	13TH	49R&49B	SPCR-42	
1414-3A (301243) (301290)	14	13TH	54R&54B	SPCR-40	
1420-3A (301232) (301239)	10	9TH	54R&54B	SPCR-40	
1420-3B (301332)	10	9TH	54R&54B	SPCR-40	
1452A (301183)	5	5TH	44R&44B	SPCR-06	
1453A (301185)	5	4TH	51R&51B	SPCR-07	
1453B (301187)	5	4TH	55R&55B	SPCR-08	
1462A (301173)	6	6TH	45R&45B	SPCR-01	
1463A (301175)	6	5TH	54R&54B	SPCR-39	
1463C (301357)	6	5TH	54R&54B	SPCR-39	
3152					N4
3152-A					N4
3152-B					N4
3152-C					N4
3152-D					N4
3152-E					N4
3153					N4
3153-A					N4
3153-B					N4
5652 (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5652 (8-BOLT & 6-BOLT OPENING)	5	5TH	41R&24L		N3
5652A (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5652A (8-BOLT & 6-BOLT OPENING)	5	5TH	39R&24L		N3
5652B (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5652B (8-BOLT & 6-BOLT OPENING)	5	5TH	41R&24L		N3
5752 (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5752 (8-BOLT & 6-BOLT OPENING)	5	5TH	39R&24L		N3
5752A (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5752A (8-BOLT & 6-BOLT OPENING)	5	5TH	39R&24L		N3
5752B (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5752C (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5752C (8-BOLT & 6-BOLT OPENING)	5	5TH	42R&24L		N3
5753 (2, 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5753A	5	5TH	48R&24L		N3
5756 (2 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5756A (2 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5756B (2 6-BOLT OPENINGS)	5	5TH	20R&24L		N3
5756B (8-BOLT & 6-BOLT OPENING)	5	5TH	43R&24L		N3
5852	5	5TH	20R&24L		N3
5852A	5	5TH	20R&24L		N3
5852B	5	5TH	20R&24L		N3
6352 (300661)					N4
6352-A					N4
6354					N4
6354-A					N4
6452A	5	5TH	22R&25L		N3
6852	5	5TH	21R&25L		N3
6852D	5	5TH	23R&25L		N3
6852E	5	5TH	23R&25L		N3
6852G	5	5TH	23R&25L		N3
6852L	5	5TH	23R&25L		N3
6852Q	5	5TH	23R&25L		N3
6852R	5	5TH	21R&25L		N3
6853	5	5TH	21R&25L		N3
6853A	5	5TH	21R&25L		N3
6853B	5	5TH	21R&25L		N3
6853C	5	4TH	23R&25L		N3
6853G	5	4TH	23R&25L		N3
6853K	5	4TH	23R&25L		N3

Notes:

N3 – PTO Application Available From M-Power or Muncie Website.

N4 – Not Current Production Trans. – Contact Muncie for Application Info.

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (FORMERLY SPICER) (Continued)

6854		5	5TH	21R&25L	N3
6854G		5	4TH	23R&25L	N3
6855		5	5TH	21R&25L	N3
6855B		5	5TH	21R&25L	N3
6855C		5	4TH	23R&25L	N3
7041 (Auxiliary) (300528)		4	4TH	31R	SPCR-46
8012					N4
8016					N4
8041		4	4TH	46R&46L	N3
8041A		4	4TH	46R&46L	N3
8045		4	4TH	46R&46L	N3
8045A		4	4TH	46R&46L	N3
8051		5	4TH	46R&46L	N3
8051A		5	4TH	46R&46L	N3
8051B		5	4TH	46R&46L	N3
8051C		5	4TH	46R&46L	N3
8051D		5	4TH	46R&46L	N3
8052		5	5TH	46R&46L	N3
8052B		5	5TH	46R&46L	N3
8052D		5	5TH	46R&46L	N3
8054		5	5TH	46R&46L	N3
8054B		5	5TH	46R&46L	N3
8054D		5	5TH	46R&46L	N3
8055		5	4TH	46R&46L	N3
8055A		5	4TH	46R&46L	N3
8055B		5	4TH	46R&46L	N3
8055C		5	4TH	46R&46L	N3
8055D		5	4TH	46R&46L	N3
8081		8	4TH	46R&46L	N3
8085		8	4TH	46R&46L	N3
8516					N4
8542A		4	4TH	46R&46L	N3
8544A		4	4TH	46R&46L	N3
8552A		5	5TH	46R&46L	N3
8552B		5	5TH	46R&46L	N3
8553					N4
8553A		5	4TH	46R&46L	N3
8553B		5	4TH	46R&46L	N3
8554					N4
8554A		5	5TH	46R&46L	N3
8554B		5	5TH	46R&46L	N3
8555A		5	4TH	46R&46L	N3
8555B		5	4TH	46R&46L	N3
9072A (301321)		7	7TH	50R&50B	SPCR-31
AMO1000-4C/4D (301474) (301475)		4	3RD	39R&39B	SPCR-16
AP01000-4C/4D (301476) (301477)		4	3RD	39R&39B	SPCR-16
AS100-10D (301612)		10	10TH	45R&45B	SPCR-51
AS125-10D (301613)		10	10TH	45R&45B	SPCR-51
AS125-9A		9	9TH	45R&45B	SPCR-30
AS135-10D (301614)		10	10TH	45R&45B	SPCR-51
AS135-9A		9	9TH	45R&45B	SPCR-30
AS140-9A		9	9TH	45R&45B	SPCR-30
AS145-10D (301615)		10	10TH	45R&45B	SPCR-51
AS56-7B		7	7TH	34R&34L	SPCR-56
ASO100-10S		10	9TH	45R&45B	SPCR-43
ASO10-VPD		10	9TH	45R&45B	SPCR-43
ASO125-10D		10	9TH	45R&45B	SPCR-52
ASO125-10S (301541)(301579)		10	9TH	45R&45B	SPCR-43
ASO125-9A		10	9TH	45R&45B	SPCR-52
ASO135-10D		10	9TH	45R&45B	SPCR-52
ASO135-9A		10	9TH	45R&45B	SPCR-52
ASO140-10S (301542)(301580)		10	9TH	45R&45B	SPCR-43
ASO140-9A		9	8TH	45R&45B	SPCR-37
ASO145-9A		9	8TH	45R&45B	SPCR-37
ASO150-10S (301526) (301578)		10	9TH	45R&45B	SPCR-43
ASO150-9A		9	8TH	45R&45B	SPCR-37
ASO165-10S (301543) (301581)		10	9TH	45R&45B	SPCR-43

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (FORMERLY SPICER) (Continued)

ASO56-7A (301452) (301636)		7	6TH	34R&34L	SPCR-29
ASO56-7B		7	6TH	34R&34L	SPCR-29
ASO66-7A (301452) (301636)		7	6TH	34R&34L	SPCR-29
ASO66-7B		7	6TH	34R&34L	SPCR-29
ATO1000-4C/4D		4	3RD	39R&39B	SPCR-16
ATO1750-4C/4D		4	3RD	39R&39B	SPCR-16
CM-4054A (301329)(301420)		5	5TH	40R&40L	SPCR-17
CM-4054D (301343) (301421)		5	5TH	42R&42L	SPCR-18
CM-4954A (301386)		5	5TH	32R&32L	SPCR-19
CM-4954D (301387)		5	5TH	34R&34L	SPCR-20
CM-5052A (301068)(301472)		5	5TH	41R&41L	SPCR-22
CM-5052B (301248) (301079)		5	5TH	39R&39L	SPCR-11
CM-5052C (301249) (301080)		5	5TH	41R&41L	SPCR-22
CM-5052D (301250) (301230)		5	5TH	43R&43L	SPCR-23
CM50-HD		5	5TH	43R&43L	SPCR-24
CM-5252A (301251) (301081)		5	5TH	43R&43L	SPCR-24
CM-5510 (301315) (301371)		5	5TH	41R&41L	SPCR-22
CM-5552A (301309) (301366)		5	5TH	41R&41L	SPCR-22
CM-5552B (301310) (301367)		5	5TH	39R&39L	SPCR-11
CM-5552C (301311) (301368)		5	5TH	41R&41L	SPCR-22
CM-5552D (301312) (301369)		5	5TH	43R&43L	SPCR-23
CM-5852A (301313) (301370)		5	5TH	43R&43L	SPCR-24
CM-5952A (301360)		5	5TH	41R&41L	SPCR-22
CM-5952B (301361)		5	5TH	39R&39L	SPCR-11
CM-5952C (301362)		5	5TH	41R&41L	SPCR-22
CM-5952D (301363)		5	5TH	43R&43L	SPCR-23
CM-5952E (301364)		5	5TH	43R&43L	SPCR-24
CM-6052A (301253) (301075) (301413)		5	5TH	40R&40L	SPCR-25
CM-6052B (301254) (301082) (301414)		5	5TH	38R&38L	SPCR-26
CM-6052C (301255) (301083) (301415)		5	5TH	42R&42L	SPCR-28
CM-6052D (301256) (301416)		5	5TH	42R&42L	SPCR-27
CM-6252A (301257) (301084)		5	5TH	39R&39L	SPCR-12
CM-6252B (301258) (301085) (301417)		5	5TH	35R&35L	SPCR-13
CM-6253A (301259) (301086)		5	4TH	44R&44L	SPCR-14
CM-6253B (301260) (301087) (301418)		5	4TH	46R&46L	SPCR-15
CV67F		5	5TH	42R&42L	SPCR-27
ES42-5A (301438)		5	5TH	40R&40L	SPCR-17
ES42-5D (301439)		5	5TH	42R&42L	SPCR-18
ES43-5A (301510) (301633)		5	5TH	32R&32L	SPCR-19
ES43-5D (301511) (301634)		5	5TH	34R&34L	SPCR-20
ES46-5A		5	5TH	32R&32L	SPCR-55
ES52-5A (301455)		5	5TH	32R&32L	SPCR-19
ES52-5D (301456)		5	5TH	34R&34L	SPCR-20
ES52-7A (301451) (301635)		7	7TH	34R&34L	SPCR-21
ES52-7B (301642) (301637)		7	7TH	34R&34L	SPCR-21
ES53-5A (301508) (301631)		5	5TH	32R&32L	SPCR-19
ES53-5D (301509) (301632)		5	5TH	34R&34L	SPCR-20
ES54-5A		5	5TH	33R&33L	SPCR-47
ES54-5B		5	5TH	32R&32L	SPCR-48
ES54-5C		5	5TH	33R&33L	SPCR-49
ES55-5D		5	5TH	43R&43L	SPCR-23
ES56-5A		5	5TH	32R&32L	SPCR-55
ES56-7B (301739)		7	7TH	34R&34L	SPCR-56
ES60-5A (301460)		5	5TH	41R&41L	SPCR-22
ES60-5C (301461)		5	5TH	41R&41L	SPCR-22
ES60-5D (301462)		5	5TH	43R&43L	SPCR-23
ES60-5E (301463)		5	5TH	43R&43L	SPCR-24
ES60-5F (301482)		5	5TH	41R&41L	SPCR-22
ES62-5A (301528)		5	5TH	41R&41L	SPCR-22
ES62-5D (301530)		5	5TH	43R&43L	SPCR-23
ES65-5A (301466)		5	5TH	40R&40L	SPCR-25
ES65-5B (301467)		5	5TH	38R&38L	SPCR-26
ES65-5D (301469)		5	5TH	42R&42L	SPCR-27

Notes:

N3 – PTO Application Available From M-Power or Muncie Website.

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LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (FORMERLY SPICER) (Continued)

ES65-5E (301468)	5	5TH	42R&42L	SPCR-28
ES67-5A (301532)	5	5TH	41R&41L	SPCR-22
ES67-5D (301534)	5	5TH	43R&43L	SPCR-23
ES68-5D	5	5TH	43R&43L	SPCR-23
ES70-5A (301536)	5	5TH	40R&40L	SPCR-25
ES70-5D (301539)	5	5TH	42R&42L	SPCR-27
ES72-5A	5	5TH	40R&40L	SPCR-25
ES72-5B (301637)	5	4TH	46R&46L	SPCR-15
ES72-5C	5	5TH	42R&42L	SPCR-27
ES72-5D	5	5TH	42R&42L	SPCR-27
ESO65-7A (301452) (301636)	7	6TH	34R&34L	SPCR-29
ESO66-7B (301643) (301638)(301742)	7	6TH	34R&34L	SPCR-29
ESO67-7B	7	6TH	34R&34L	SPCR-57
ESO77-7B	7	6TH	34R&34L	SPCR-57
LAS100-10D (301616)	10	10TH	45R&45B	SPCR-51
LAS115-9A (301590)	9	9TH	45R&45B	SPCR-30
LAS125-10D (301617)	10	10TH	45R&45B	SPCR-51
LAS125-9A (301591)	9	9TH	45R&45B	SPCR-30
LAS135-10D (301618)	10	10TH	45R&45B	SPCR-51
LAS135-9A (301592)	9	9TH	45R&45B	SPCR-30
LAS140-9A	9	9TH	45R&45B	SPCR-30
LAS145-10D (301619)	10	10TH	45R&45B	SPCR-51
LAS145-9A (301593)	9	9TH	45R&45B	SPCR-30
LASO10-VPD	10	9TH	45R&45B	SPCR-43
LASO115-9A (301594)	9	8TH	45R&45B	SPCR-37
LASO125-10S (301620)	10	9TH	45R&45B	SPCR-43
LASO125-9A (301595)	9	8TH	45R&45B	SPCR-37
LASO135-9A (301597)	9	8TH	45R&45B	SPCR-37
LASO140-10S (301621)	10	9TH	45R&45B	SPCR-43
LASO140-9A	9	8TH	45R&45B	SPCR-37
LASO145-9A (301596)	9	8TH	45R&45B	SPCR-37
LASO150-10S (301622)	10	9TH	45R&45B	SPCR-43
LASO150-9A	9	8TH	45R&45B	SPCR-37
LLAS100-10D	10	10TH	45R&45B	SPCR-51
LLAS125-10D	10	10TH	45R&45B	SPCR-51
LLAS135-10D	10	10TH	45R&45B	SPCR-51
LLAS145-10D	10	10TH	45R&45B	SPCR-51
LLASO125-10S	10	9TH	45R&45B	SPCR-32
LLASO140-10S	10	9TH	45R&45B	SPCR-32
LLASO150-10S	10	9TH	45R&45B	SPCR-32
LLPS100-10D	10	10TH	45R&45B	SPCR-51
LLPS125-10D	10	10TH	45R&45B	SPCR-51
LLPS135-10D	10	10TH	45R&45B	SPCR-51
LLPS145-10D (301703)	10	10TH	45R&45B	SPCR-51
LLPSO100-10S	10	9TH	45R&45B	SPCR-32
LLPSO125-10S	10	9TH	45R&45B	SPCR-32
LLPSO140-10S (301705)	10	9TH	45R&45B	SPCR-32
LLPSO150-10S	10	9TH	45R&45B	SPCR-32
LLPSO165-10S	10	9TH	45R&45B	SPCR-32
LPS100-10D (301608)	10	10TH	45R&45B	SPCR-51
LPS125-10D (301609)	10	10TH	45R&45B	SPCR-51
LPS125-9A (301547) (301567)	9	9TH	45R&45B	SPCR-30
LPS135-10D (301610)	10	10TH	45R&45B	SPCR-51
LPS140-9A (301549) (301569)	9	9TH	45R&45B	SPCR-30
LPS145-10D (301611)	10	10TH	45R&45B	SPCR-51
LPS9-VPD (301549)	9	9TH	45R&45B	SPCR-30
LPSO100-10S	10	9TH	45R&45B	SPCR-32
LPSO10-VPD	10	9TH	45R&45B	SPCR-32
LPSO125-10S (301544) (301572)	10	9TH	45R&45B	SPCR-32
LPSO125-9A (301548) (301568)	9	8TH	45R&45B	SPCR-37
LPSO140-10S (301545) (301573)	10	9TH	45R&45B	SPCR-32
LPSO140-9A (301550) (301570)	9	8TH	45R&45B	SPCR-37
LPSO150-10S (301546) (301574)	10	9TH	45R&45B	SPCR-32
LPSO150-9A (301551) (301571)	9	8TH	45R&45B	SPCR-37
LPSO165-10S	10	9TH	45R&45B	SPCR-32
PSO9-VPD (301551)(301571)	9	8TH	45R&45B	SPCR-37

TREMEC (FORMERLY SPICER) (Continued)

P1241C (301053) (301395)	4	3RD	39R&39B	SPCR-16
P1241D (301054) (301396)	4	3RD	39R&39B	SPCR-16
PS100-10D (301604)	10	10TH	45R&45B	SPCR-51
PS105-7LL (301464)	5	5TH	43R&43B	SPCR-33
PS110-7A (301519)	7	7TH	43R&43B	SPCR-34
PS110-7B (301518)	7	7TH	56R&56B	SPCR-35
PS125-10D (301605)	10	10TH	45R&45B	SPCR-51
PS125-7B (301445)	7	7TH	56R&56B	SPCR-35
PS125-9A (301431)(301554)	9	9TH	45R&45B	SPCR-30
PS130-10A (301485)	10	10TH	51R&51B	SPCR-10
PS130-12A (301484)	12	12TH	51R&51B	SPCR-10
PS130-5A (301470)	5	5TH	43R&43B	SPCR-33
PS130-6B (301471)	6	6TH	48R&48B	SPCR-38
PS130-6L (301465)	6	6TH	43R&43B	SPCR-33
PS135-10D (301606)	10	10TH	45R&45B	SPCR-51
PS140-7A (301444)	7	7TH	43R&43B	SPCR-34
PS140-9A (301495) (301555)	9	9TH	45R&45B	SPCR-30
PS145-10D (301607)	10	10TH	45R&45B	SPCR-51
PS145-7A (301520)	7	7TH	43R&43B	SPCR-34
PS85-10LL	10	10TH	51R&51B	SPCR-10
PS85-14-4L (301525)	10	10TH	51R&51B	SPCR-10
PS86-10V (301587)	10	10TH	45R&45B	SPCR-44
PS95-9A (301500) (301553)	9	9TH	45R&45B	SPCR-30
PS97-7A (301446)	7	7TH	50R&50B	SPCR-31
PS9-VPD	9	9TH	45R&45B	SPCR-30
PSDO165-18A	18	16TH	52R&52L	SPCR-59
PSDO185-18A	18	16TH	52R&52L	SPCR-59
PSDO205-18A	18	16TH	52R&52L	SPCR-59
PSO100-10S (301505) (301560)	10	9TH	45R&45B	SPCR-32
PSO10-VPD	10	9TH	45R&45B	SPCR-32
PSO115-10V (301588)	10	9TH	45R&45B	SPCR-45
PSO120-8LL(301644)	8	6TH	54R&54B	SPCR-36
PSO125-10D	10	9TH	45R&45B	SPCR-52
PSO125-10S (301504)(301561)	10	9TH	45R&45B	SPCR-32
PSO125-10V (301589)	10	9TH	45R&45B	SPCR-45
PSO125-9A (301499)(301556)	9	8TH	45R&45B	SPCR-37
PSO135-10D	10	9TH	45R&45B	SPCR-52
PSO140-10S (301506)(301562)	10	9TH	45R&45B	SPCR-32
PSO140-12B (301473)	12	11TH	54R&54B	SPCR-40
PSO140-14A (301483)	14	13TH	54R&54B	SPCR-40
PSO140-6A (301472)	6	5TH	54R&54B	SPCR-39
PSO140-6C (301486)	6	5TH	54R&54B	SPCR-39
PSO140-9A (301432)(301557)	9	8TH	45R&45B	SPCR-37
PSO145-10D	10	9TH	45R&45B	SPCR-52
PSO145-10V (301582)	10	9TH	45R&45B	SPCR-45
PSO150-10S (301503)(301563)	10	9TH	45R&45B	SPCR-32
PSO150-16A (301641)	16	15TH	54R&54B	SPCR-39
PSO150-16B (301647)	16	15TH	56R&56B	SPCR-41
PSO150-9A (301496)(301558)	9	8TH	45R&45B	SPCR-37
PSO150-9S (301521)	9	8TH	45R&45B	SPCR-32
PSO155-10D	10	9TH	45R&45B	SPCR-52
PSO160-10S (301517)	10	9TH	45R&45B	SPCR-32
PSO165-10D	10	9TH	45R&45B	SPCR-52
PSO165-10S (301523)(301564)	10	9TH	45R&45B	SPCR-32
PSO165-16B (301583)	16	15TH	56R&56B	SPCR-41
PSO165-18A (301666)	18	17TH	57R&57B	SPCR-50
PSO165-18B	18	17TH	57R&57B	SPCR-50
PSO175-16B (301584)	16	15TH	56R&56B	SPCR-41
PSO175-16M (301645)	16	15TH	56R&56B	SPCR-41
PSO175-16SM (301864)	16	15TH	84R&84B	SPCR-53
PSO175-18A (301585)	18	17TH	57R&57B	SPCR-50
PSO175-18B	18	17TH	57R&57B	SPCR-50
PSO175-18M (301849)	18	17TH	57R&57B	SPCR-50
PSO175-18SM	18	17TH	76R&76B	SPCR-54
PSO85-10LL	12	11TH	54R&54B	SPCR-40
PSO85-14-4L	12	11TH	54R&54B	SPCR-40

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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TREMEC (FORMERLY SPICER) (Continued)

PS09-VPD.....	9.....	8TH	45R&45B	SPCR-37
R8516.....				N4
RP8516.....				N4
T-9505-2A (301408).....	5.....	5TH	43R&43B	SPCR-33
T-9505-2B (301425).....	5.....	5TH	43R&43B	SPCR-33
TR7070.....	7.....	6TH	34R&34L	SPCR-29
TSP120-12A.....	12.....	12TH	51R&51B	N3
TSP145-16B.....	16.....	16TH	54R&54B	N3
TSP0140-12C.....	12.....	11TH	49R&49B	N3
TSP0145-14A.....	14.....	13TH	56R&56B	N3
TSP0145-16B.....	16.....	15TH	56R&56B	SPCR-41
TSP0150-12A.....	12.....	11TH	49R&49B	N3
TSP0155-14HP.....	14.....	13TH	56R&56L	N3
TSP0155-16 H.P.....	16.....	15TH	56R&56B	SPCR-41
TSP0155-16A.....	16.....	15TH	54R&54B	SPCR-39
TSP0155-16B.....	16.....	15TH	56R&56B	SPCR-41
TSP0165-16 H.P.....	16.....	15TH	56R&56B	SPCR-41
TSP0165-18 H.P.....	18.....	17TH	57R&57B	N3
TSP0165-18A.....	18.....	17TH	57R&57B	N3
TSP0175-16 MEGA.....	16.....	15TH	56R&56B	SPCR-41
TSP0175-18 MEGA.....	18.....	17TH		N2
TSP0180-16SM (301853).....	16.....	15TH	84R&84B	SPCR-53
TSP0180-18SM (301855).....	18.....	17TH	76R&76B	SPCR-54

UD TRUCK

450-43L.....	4.....	3RD	58L	AISN-01
MES-50A.....	5.....	5TH	34L	NISS-04
MES-50B.....	5.....	5TH	33L	NISS-05
MES-50C.....	5.....	5TH	32L	NISS-06
MHS-50U.....	5.....	5TH	23L	NISS-02
MHS-60A.....	6.....	6TH	23L	NISS-02
MHS-61A.....	6.....	6TH	23L	NISS-02
MHS-62A, MHS-63A.....	6.....	6TH	23L	NISS-02
MLS-61A.....	6.....	6TH	25L	NISS-03
MLS-61B.....	6.....	6TH	25L	NISS-03
MLS-62B.....	6.....	6TH	25L	NISS-03
MLS-63B.....	6.....	6TH	25L	NISS-03
MPS-60B.....	6.....	6TH		NISS-08
MPS-62T.....	6.....	6TH	42L	NISS-07
MPS-63B.....	6.....	6TH		NISS-09
RGE-40A AUTOMATIC.....	4.....	3RD	63L	JATC-01
TMH-263.....	5.....	5TH	23L	NISS-01
TMH-704.....	5.....	5TH	23L	NISS-02
TMH-762.....	6.....	6TH	23L	NISS-02

VOLVO

AT2512C, VT2512C.....	12.....	12TH		VOLV-04
AT2812C, VT2812C.....	12.....	12TH		VOLV-04
ATO2512C, VTO2512C.....	12.....	11TH		VOLV-05
ATO3112C, VTO3112C.....	12.....	11TH		VOLV-05
R1700.....	9.....	8TH		VOLV-01
R52.....	8.....	8TH		VOLV-02
SR1700.....	14.....	12TH		VOLV-01
VT1309.....	9.....	8TH		VOLV-01
VT1414.....	14.....	14TH		VOLV-01
VT2214B.....	14.....	14TH		VOLV-03
VT809.....	9.....	8TH		VOLV-01
AT2612D.....	12.....	12th		VOLV-04
ATO2612C, ATO2612, ATO3112D.....	12.....	11th		VOLV-05

Notes:

N2 – Not Current Production Transmission – No Muncie PTO.
 N3 – PTO Application Available From M-Power or Muncie Website.
 N4 – Not Current Production Trans. – Contact Muncie for Application Info.

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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WARNER

1356 TRANSFER CASE.....	2.....	2ND	57R	WARN-05
1370 TRANSFER CASE.....	2.....	2ND	57R	WARN-05
4401 TRANSFER CASE.....	2.....	2ND	57R	WARN-05
4407 TRANSFER CASE (PTO OBSOLETE).....	2.....	2ND	57R	WARN-06
4470 TRANSFER CASE.....	2.....	2ND	57R	WARN-05
T-18.....	4.....	4TH	36R&36L	WARN-01
T-18A.....	4.....	4TH	32R&32L	WARN-02
T-18B.....	4.....	4TH	32R&32L	WARN-03
T-18C.....	4.....	4TH	32R&32L	WARN-02
T-19.....	4.....	4TH	36R&36L	WARN-01
T-19A.....	4.....	4TH	32R&32L	WARN-03
T-19A (4.02 LOW GEAR).....	4.....	4TH	32R&32L	WARN-04
T-19C.....	4.....	4TH	32R&32L	WARN-04
T-19D.....	4.....	4TH	32R&32L	WARN-02
T-98-1R.....	4.....	4TH	36R&36L	WARN-01
T-98-1V.....	4.....	4TH	36R&36L	WARN-01
T-98A.....	4.....	4TH	36R&36L	WARN-01

ZED F

6S-380.....	6.....	5TH		ZEDF-09
6S-650 (5.79-0.72 RATIO)(1999-2007 FORD).....	6.....	5TH	39L	ZEDF-04
6S-650 (5.79-0.72 RATIO)(2001-2006 GMC 3600 CHEV-3).....	6.....	5TH	39R&39L	ZEDF-04
6S-750 (2008 & later Ford).....	6.....	6TH		ZEDF-08
6S-850 (Hyundai/Bering).....	6.....	6TH		ZEDF-05
9S-75 (13.16 1ST).....	9.....	9TH		ZEDF-07
S5-35.....	5.....	5TH		ZEDF-06
S5-42 (4.14-0.77 RATIO).....	5.....	4TH	41R&41L	ZEDF-01
S5-42 (5.72-0.76 RATIO).....	5.....	4TH	45R&45L	ZEDF-02
S5-47 (5.08-0.77 RATIO).....	5.....	4TH	43R&43L	ZEDF-03
S5-47 (5.72-0.76 RATIO).....	5.....	4TH	45R&45L	ZEDF-02

ZF (ZF/MERITOR)

MERITOR MODEL NUMBERS:

Models: Ex.: MO-16F10C-E18 or MO-16F10C-M18 are the same PTO application.
 Suffix: A=Automated, E=ESS ZF MERITOR TCU, D=ESS-DDC ECU, S=Shift-by-Wire, M=Manual

FORMER ROCKWELL MODEL NUMBERS:

Models: Ex.: RMX13-145A or RSX13-145A (Transmission Model NO. beginning "RS" or "RSX" are the same applications as the standard "RM" and "RMX" models.) RMO and RMX designate overdrive and are the same PTO application.

M-11F10A-E11 (S11).....	10.....	10TH	45R&45	MERT-01
M-11F9A-E11 (S11).....	9.....	9TH	45R&45	MERT-01
M-11G10A-M11 (D11) (E11) (S11).....	10.....	10TH	45R&45B	MERT-01
M-11G9A-M11 (D11) (E11) (S11).....	9.....	9TH	45R&45B	MERT-01
M-12F10A-E12 (S12).....	10.....	10TH	45R&45	MERT-01
M-12F9A-E12 (S12).....	9.....	9TH	45R&45	MERT-01
M-12G10A-D12 (E12).....	10.....	10TH	45R&45	MERT-01
M-12G10A-M12 (D12) (E12) (S12).....	10.....	10TH	45R&45B	MERT-01
M-12G9A-M12 (D12) (E12) (S12).....	9.....	9TH	45R&45B	MERT-01
M-13F10A-E13 (S13).....	10.....	10TH	45R&45	MERT-01
M-13F9A-E13 (S13).....	9.....	9TH	45R&45	MERT-01
M-13G10A-M13 (D13) (E13) (S13).....	10.....	10TH	45R&45B	MERT-01
M-13G9A-M13 (D13) (E13) (S13).....	9.....	9TH	45R&45B	MERT-01
M-13Z12A-A13 (Direct Drive).....	12.....	12th		MERT-05
(FREEDOMLINE)				
M-14F10A-E14 (S14).....	10.....	10TH	45R&45	MERT-01
M-14F10A-M16.....	10.....	10TH	45R&45B	MERT-01
M-14F10A-S15.....	10.....	10TH	45R&45	MERT-01
M-14F9A-E14 (S14).....	9.....	9TH	45R&45	MERT-01
M-14G10A-M14 (D14) (E14) (S14).....	10.....	10TH	45R&45B	MERT-01
M-14G10A-M16 (D16) (E16) (S16).....	10.....	10TH	45R&45B	MERT-01
M-14G9A-M14 (D14) (E14) (S14).....	9.....	9TH	45R&45B	MERT-01
M-14Z12A-A14 (Direct Drive).....	12.....	12th		MERT-05

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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ZF (ZF/MERITOR) (Continued)

(FREEDOMLINE)

M-15F10A-E15 (S15)	10... 10TH	45R&45	MERT-01
M-15G10A-M15 (D15) (E15) (S15)	10... 10TH	45R&45B	MERT-01
M-15G9A-M15 (D15) (E15) (S15)	9... 9TH	45R&45B	MERT-01
MO-11F10A-S11	10... 10TH	45R&45	MERT-02
MO-11F10C-E11 (S11)	10... 10TH	45R&45	MERT-04
MO-11F9B-E11 (S11)	9... 9TH	45R&45	MERT-03
MO-11G10A-M11 (D11) (E11) (S11)	10... 9TH	45R&45B	MERT-02
MO-11G10C-M11 (D11) (E11) (S11)	10... 9TH	45R&45B	MERT-04
MO-11G9B-M11 (D11) (E11) (S11)	9... 8TH	45R&45B	MERT-03
MO-11G9R-M11	9... 8TH	45R&45B	MERT-02
MO-12F10A-E12 (S12)	10... 9TH	45R&45	MERT-02
MO-12F10C-E12 (S12)	10... 9TH	45R&45	MERT-04
MO-12F9A-E12 (S12)	9... 8TH	45R&45	MERT-02
MO-12F9B-E12 (S12)	9... 8TH	45R&45	MERT-03
MO-12G10A-M12 (D12) (E12) (S12)	10... 9TH	45R&45B	MERT-02
MO-12G10C-M12 (D12) (E12) (S12)	10... 9TH	45R&45B	MERT-04
MO-12G9A-M12 (D12) (E12) (S12)	9... 8TH	45R&45B	MERT-02
MO-12G9B-M12 (D12) (E12) (S12)	9... 8TH	45R&45B	MERT-03
MO-12G9R-M12	9... 8TH	45R&45B	MERT-02
MO-13F10A-E13 (S13)	10... 9TH	45R&45	MERT-02
MO-13F10C-E13 (S13)	10... 9TH	45R&45	MERT-04
MO-13F9A-E13 (S13)	9... 8TH	45R&45	MERT-02
MO-13F9B-E13 (S13)	9... 8TH	45R&45	MERT-03
MO-13G10A-M13 (D13) (E13) (S13)	10... 9TH	45R&45B	MERT-02
MO-13G10C-M13 (D13) (E13) (S13)	10... 9TH	45R&45B	MERT-04
MO-13G9A-M13 (D13) (E13) (S13)	9... 8TH	45R&45B	MERT-02
MO-13G9B-M13 (D13) (E13) (S13)	9... 8TH	45R&45B	MERT-03
MO-13G9R-M13	9... 8TH	45R&45B	MERT-02
MO-13Z12A-A13 (FREEDOMLINE)	12... 11TH		MERT-05
MO-13Z16A-A13 (FREEDOMLINE)	16... 15TH		MERT-06
MO-14F10A-E14 (S14)	10... 9TH	45R&45	MERT-02
MO-14F10A-M16	10... 9TH	45R&45B	MERT-02
MO-14F10C-E14 (S14)	10... 9TH	45R&45	MERT-04
MO-14F10C-M16	10... 9TH	45R&45B	MERT-04
MO-14F9A-E14 (S14)	9... 8TH	45R&45	MERT-02
MO-14F9B-E14 (S14)	9... 8TH	45R&45	MERT-03
MO-14G10A-M14 (D14) (E14) (S14)	10... 9TH	45R&45B	MERT-02
MO-14G10A-M16 (D16) (E16) (S16)	10... 9TH	45R&45B	MERT-02
MO-14G10C-M14 (D14) (E14) (S14)	10... 9TH	45R&45B	MERT-04
MO-14G10C-M16 (D16) (E16) (S16)	10... 9TH	45R&45B	MERT-04
MO-14G9A-M14 (D14) (E14) (S14)	9... 8TH	45R&45B	MERT-02
MO-14G9B-M14 (D14) (E14) (S14)	9... 8TH	45R&45B	MERT-03
MO-14G9R-M14	9... 8TH	45R&45B	MERT-02
MO-14Z12A-A14 (FREEDOMLINE)	12... 11TH		MERT-05
MO-14Z16A-A14 (FREEDOMLINE)	16... 15TH		MERT-06
MO-15F10A-E15 (S15)	10... 9TH	45R&45	MERT-02
MO-15F10C-E15 (S15)	10... 9TH	45R&45	MERT-04
MO-15F9B-E15 (S15)	9... 8TH	45R&45	MERT-03
MO-15G10A-M15 (D15) (E15) (S15)	10... 9TH	45R&45B	MERT-02
MO-15G10C-M15 (D15) (E15) (S15)	10... 9TH	45R&45B	MERT-04
MO-15G9B-M15 (D15) (E15) (S15)	9... 8TH	45R&45B	MERT-03
MO-15Z12A-A15 (FREEDOMLINE)	12... 11TH		MERT-05
MO-15Z16A-A15 (FREEDOMLINE)	16... 15TH		MERT-06
MO-16F10A-E16 (S16)	10... 9TH	45R&45	MERT-02
MO-16F10C-M18 (D18) (E18) (S18)	10... 9TH	45R&45B	MERT-04
MO-16G10A-M16 (D16) (E16) (S16)	10... 9TH	45R&45B	MERT-02
MO-16G10C-M16 (D16) (E16) (S16)	10... 9TH	45R&45B	MERT-04
MO-16G10C-M18 (D18) (E18) (S18)	10... 9TH	45R&45B	MERT-04
MO-16Z12A-A16 (FREEDOMLINE)	12... 11TH		MERT-05
MO-16Z16A-A16 (FREEDOMLINE)	16... 15TH		MERT-06
MO-17G10C-M17 (D17) (E17) (S17)	10... 9TH	45R&45B	MERT-04
MO-17G10C-M19 (D19) (E19) (S19)	10... 9TH	45R&45B	MERT-04
MO-18G10C-M18 (D18) (E18) (S18)	10... 9TH	45R&45B	MERT-04
MO-18G10C-M20 (D20) (E20) (S20)	10... 9TH	45R&45B	MERT-04
RD10-145A	10... 10TH	45R&45B	MERT-01

ZF (ZF/MERITOR) (Continued)

RE10-115A	10... 10TH	45R&45	MERT-01
RE10-125A	10... 10TH	45R&45	MERT-01
RE10-135A	10... 10TH	45R&45	MERT-01
RE10-145A	10... 10TH	45R&45	MERT-01
RE10-155A	10... 10TH	45R&45	MERT-01
RE9-115A	9... 9TH	45R&45	MERT-01
RE9-125A	9... 9TH	45R&45	MERT-01
RE9-135A	9... 9TH	45R&45	MERT-01
RE9-145A	9... 9TH	45R&45	MERT-01
RE9-155A	9... 9TH	45R&45	MERT-01
RE09-115B	9... 8TH	45R&45	MERT-03
RE09-125A	9... 8TH	45R&45	MERT-02
RE09-125B	9... 8TH	45R&45	MERT-03
RE09-135A	9... 8TH	45R&45	MERT-02
RE09-135B	9... 8TH	45R&45	MERT-03
RE09-145A	9... 8TH	45R&45	MERT-02
RE09-145B	9... 8TH	45R&45	MERT-03
RE09-155B	9... 8TH	45R&45	MERT-03
REX10-115A	10... 9TH	45R&45	MERT-02
REX10-115C	10... 9TH	45R&45	MERT-04
REX10-125A	10... 9TH	45R&45	MERT-02
REX10-125C	10... 9TH	45R&45	MERT-04
REX10-135A	10... 9TH	45R&45	MERT-02
REX10-135C	10... 9TH	45R&45	MERT-04
REX10-145A	10... 9TH	45R&45	MERT-02
REX10-145C	10... 9TH	45R&45	MERT-04
REX10-155A	10... 9TH	45R&45	MERT-02
REX10-155C	10... 9TH	45R&45	MERT-04
REX10-165A	10... 9TH	45R&45	MERT-02
REX10-165C	10... 9TH	45R&45	MERT-04
REX9-115B	9... 8TH	45R&45	MERT-03
REX9-115R	9... 8TH	45R&45	MERT-03
REX9-125A	9... 8TH	45R&45	MERT-02
REX9-125B	9... 8TH	45R&45	MERT-03
REX9-125R	9... 8TH	45R&45	MERT-03
REX9-135A	9... 8TH	45R&45	MERT-02
REX9-135B	9... 8TH	45R&45	MERT-03
REX9-135R	9... 8TH	45R&45	MERT-03
REX9-145A	9... 8TH	45R&45	MERT-02
REX9-145B	9... 8TH	45R&45	MERT-03
REX9-145R	9... 8TH	45R&45	MERT-03
REX9-155B	9... 8TH	45R&45	MERT-03
RM10-115A	10... 10TH	45R&45B	MERT-01
RM10-125A	10... 10TH	45R&45B	MERT-01
RM10-135A	10... 10TH	45R&45B	MERT-01
RM10-145A	10... 10TH	45R&45B	MERT-01
RM10-145AT	10... 10TH	45R&45B	MERT-01
RM10-155A	10... 10TH	45R&45B	MERT-01
RM9-115A	9... 9TH	45R&45B	MERT-01
RM9-125A	9... 9TH	45R&45B	MERT-01
RM9-135A	9... 9TH	45R&45B	MERT-01
RM9-145A	9... 9TH	45R&45B	MERT-01
RM9-155A	9... 9TH	45R&45B	MERT-01
RMO10-115A	10... 9TH	45R&45B	MERT-02
RMO10-125A	10... 9TH	45R&45B	MERT-02
RMO10-135A	10... 9TH	45R&45B	MERT-02
RMO10-145A	10... 9TH	45R&45B	MERT-02
RMO10-145AT	10... 9TH	45R&45B	MERT-02
RMO10-155A	10... 9TH	45R&45B	MERT-02
RMO13-145A	13... 12TH	45R&45B	MERT-01
RM09-115A	9... 8TH	45R&45	MERT-02
RM09-115B	9... 8TH	45R&45B	MERT-03
RM09-115R	9... 8TH	45R&45B	MERT-02
RM09-125A	9... 8TH	45R&45B	MERT-02
RM09-125B	9... 8TH	45R&45B	MERT-03
RM09-125R	9... 8TH	45R&45B	MERT-02

TRANSMISSION INDEX

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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ZF (ZF/MERITOR) (Continued)

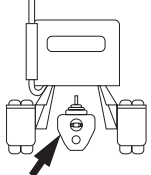

RM09-135A	9	8TH	45R&45B	MERT-02
RM09-135B	9	8TH	45R&45B	MERT-03
RM09-135R	9	8TH	45R&45B	MERT-02
RM09-145A	9	8TH	45R&45B	MERT-02
RM09-145B	9	8TH	45R&45B	MERT-03
RM09-145R	9	8TH	45R&45B	MERT-02
RM09-155B	9	8TH	45R&45	MERT-03
RMX10-115A	10	9TH	45R&45B	MERT-02
RMX10-115C	10	9TH	45R&45B	MERT-04
RMX10-125A	10	9TH	45R&45B	MERT-02
RMX10-125C	10	9TH	45R&45B	MERT-04
RMX10-135A	10	9TH	45R&45B	MERT-02
RMX10-135C	10	9TH	45R&45B	MERT-04
RMX10-145A	10	9TH	45R&45B	MERT-02
RMX10-145C	10	9TH	45R&45B	MERT-04
RMX10-145CT	10	9TH	45R&45B	MERT-04
RMX10-155A	10	9TH	45R&45B	MERT-02
RMX10-155C	10	9TH	45R&45B	MERT-04
RMX10-165A	10	9TH	45R&45B	MERT-02
RMX10-165C	10	9TH	45R&45B	MERT-04
RMX10-165CT	10	9TH	45R&45B	MERT-04
RMX13-145A	13	12TH	45R&45B	MERT-01
RMX9-115B	9	8TH	45R&45B	MERT-03
RMX9-115R	9	8TH	45R&45B	MERT-02
RMX9-125A	9	8TH	45R&45B	MERT-02
RMX9-125B	9	8TH	45R&45B	MERT-03
RMX9-125R	9	8TH	45R&45B	MERT-02
RMX9-135A	9	8TH	45R&45B	MERT-02
RMX9-135B	9	8TH	45R&45B	MERT-03
RMX9-135R	9	8TH	45R&45B	MERT-02
RMX9-145A	9	8TH	45R&45B	MERT-02
RMX9-145B	9	8TH	45R&45B	MERT-03
RMX9-145R	9	8TH	45R&45B	MERT-02
RMX9-155B	9	8TH	45R&45B	MERT-03
RS10-115A	10	10TH	45R&45	MERT-01
RS10-125A	10	10TH	45R&45	MERT-01
RS10-135A	10	10TH	45R&45	MERT-01
RS10-145A	10	10TH	45R&45	MERT-01
RS10-155A	10	10TH	45R&45	MERT-01
RS9-115A	9	9TH	45R&45	MERT-01
RS9-125A	9	9TH	45R&45	MERT-01
RS9-135A	9	9TH	45R&45	MERT-01
RS9-145A	9	9TH	45R&45	MERT-01
RS9-155A	9	9TH	45R&45	MERT-01
RS09-115B	9	8TH	45R&45	MERT-03
RS09-125B	9	8TH	45R&45	MERT-03
RS09-135B	9	8TH	45R&45	MERT-03
RS09-145B	9	8TH	45R&45	MERT-03
RS09-155B	9	8TH	45R&45	MERT-03
RSX10-115A	10	9TH	45R&45	MERT-02
RSX10-115C	10	9TH	45R&45B	MERT-04
RSX10-125A	10	9TH	45R&45	MERT-02
RSX10-125C	10	9TH	45R&45B	MERT-04
RSX10-135A	10	9TH	45R&45	MERT-02
RSX10-135C	10	9TH	45R&45B	MERT-04
RSX10-145A	10	9TH	45R&45	MERT-02
RSX10-145C	10	9TH	45R&45B	MERT-04
RSX10-155A	10	9TH	45R&45	MERT-02
RSX10-155C	10	9TH	45R&45B	MERT-04
RSX10-165A	10	9TH	45R&45	MERT-02
RSX10-165C	10	9TH	45R&45B	MERT-04
RSX9-115B	9	8TH	45R&45	MERT-03
RSX9-115C	9	8TH	45R&45	MERT-03
RSX9-115R	9	8TH	45R&45	MERT-03
RSX9-125A	9	8TH	45R&45	MERT-02
RSX9-125B	9	8TH	45R&45	MERT-03

LET. CODE	MAKE MODEL	NO. FWD. SP'DS	DIRECT DRIVE IN.	TEETH IN PTO DRIVER	PTO APPL. NO
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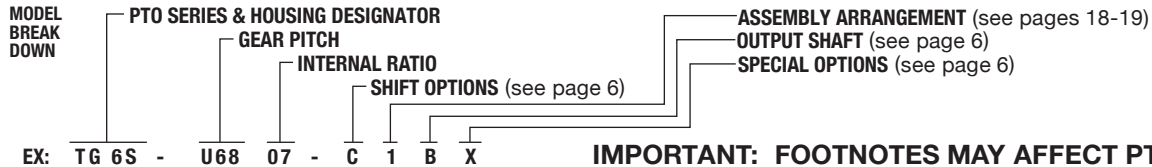
ZF (ZF/MERITOR) (Continued)

RSX9-125C	9	8TH	45R&45	MERT-03
RSX9-125R	9	8TH	45R&45	MERT-02
RSX9-135A	9	8TH	45R&45	MERT-02
RSX9-135B	9	8TH	45R&45	MERT-03
RSX9-135C	9	8TH	45R&45	MERT-03
RSX9-135R	9	8TH	45R&45	MERT-02
RSX9-145A	9	8TH	45R&45	MERT-02
RSX9-145B	9	8TH	45R&45	MERT-03
RSX9-145C	9	8TH	45R&45	MERT-03
RSX9-145R	9	8TH	45R&45	MERT-02
RSX9-155B	9	8TH	45R&45	MERT-03
RSX9-155C	9	8TH	45R&45	MERT-03
RSX9-165C	9	8TH	45R&45	MERT-03

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 450-43LE, A443, A445, MO35A4 Footnote (1, 3) Mitsubishi 2000-2004 Nissan + Isuzu 1999-2007								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 58T 8.46P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1793 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-I8404-C3BP	2, 4	Opp	61			40T18410-2		Included	Cable	205	39
	TG6S-I8405-C3BP	2, 4	Opp	80			40T18410-2		Included	Cable	157	30
	TG6S-I8406-C3BP	2, 4	Opp	104			40T18410-2		Included	Cable	121	23
	TG6S-I8407-C3BP	2, 4	Opp	123			40T18410-2		Included	Cable	103	20
	TG6S-I8408-C3BP	2, 4	Opp	150			40T18410-2		Included	Cable	83	16
	TG6S-I8409-C3BP	2, 4	Opp	157			40T18410-2		Included	Cable	80	15
SH SERIES												
CLUTCH SHIFT	CS6B-I8403-S3BP	5, 6, 7, 8	Crnk	57					Included	Power	205	39
	CS6B-I8404-S3BP	5, 6, 7, 8	Crnk	74					Included	Power	205	39
	CS6B-I8405-S3BP	5, 6, 7, 8	Crnk	81					Included	Power	157	30
	CS6B-I8407-S3BP	5, 6, 7, 8	Crnk	119					Included	Power	105	20
	FA6B-I8406-H3BX	10	Opp	115					Included	Power	94	18
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		9	40T18410-2				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

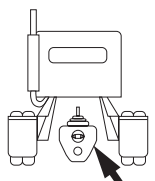



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Torque ratings limited by transmission gear rating.
- 2 TG Series Input Gear: #03T37328 — Refer to kit program on page 10 & 11. Requires (1) 43T39222 adapter for pressure lubrication connection (sold separately).
- 3 Drive gear is torque converter driven and output shaft speed will vary due to converter slippage.
- 4 Requires the use of adapter to mount PTO and clear internal interference. Metric stud kit 20TK4074 and (2) spacers 23M60032S are required (one spacer on each side of adapter) and are included with adapter.
- 5 The "S" shift option includes the fittings and hose for activation. Using the "H" shift option requires Hydraulic hose kit for installation (131-2-0001) and (2) 43T39222 adapter fittings are required connection to transmission ports and are sold separately. Transmission fittings are included with "S" option.
- 6 The Muncie SPD-1001 Series speed control is available for use with CS Series PTOs only. It is recommended for PTO and equipment protection from overspeeding.
- 7 Interference with the Mitsubishi electrical connector on models prior to 1999 require and the use of an adapter to mount PTO. Limited direct mount pump clearance. Use "T" or "Q" SAE "A" mounting only.
- 8 The CS6B option includes the required metric stud kit, 20TK5169.
- 9 Use adapter 40T18410-2 to change rotation of CS PTO. Change CS6B to CS6S to include standard stud kit.
- 10 FA6B can be used on left side only. "H" shift option includes activation hoses and fitting and wire harness. Change to "B" shift option for Isuzu with in cab PTO switch option.

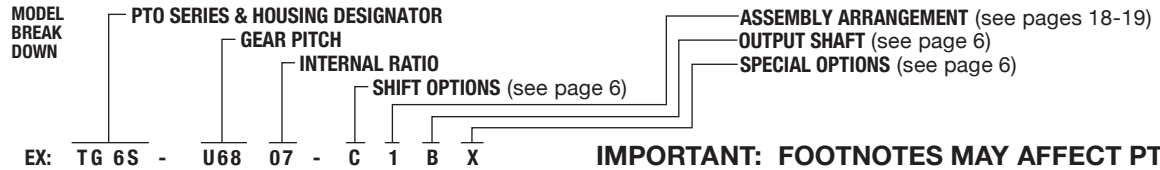
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)			
						AS68RC Footnote (1, 2, 3, 6, 7, 8) This opening Dodge 2007 - 2012 Sterling Bullet 2008 & 2009			SAE 6-BOLT OPENING
						PTO DRIVE GEAR DATA: 69T 8.46P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 2135 RPM RPM: 1,000			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-I8403-B1SP	4, 5, 6	Crnk	68					Included	Power	202	38
	CS6B-I8404-B1SP	4, 5, 6	Crnk	88					Included	Power	151	29
	CS6B-I8405-B1SP	4, 5, 6	Crnk	96					Included	Power	141	27
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION Use of adapter not recommended due to frame clearance. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

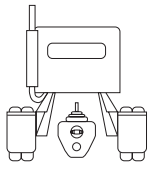

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Torque ratings limited by transmission gear rating. (137 lb.ft.)
 - 2 TG Series not shown due to possible internal interference.
 - 3 Drive gear is torque converter driven and output shaft speed will vary due to converter slippage.
 - 4 The "B" shift option includes the remote mounted control valve and hydraulic hoses and (2) 43T39222 adapter fittings which are required for connection to the transmission ports as well as the wiring harness kit 34TK4921.
 - 5 Connection to the Dodge ECU is required for PTO operation. 34TK4921 included in "B" shift option or purchase separately. Dodge or sterling bullet chassis require PTO prep package (Option code LBN) and is only available at time of order of chassis from Dodge.
 - 6 Limited direct mount pump clearance. Use "T" output with PF Series hydraulic pump or "S" output with PKS Series hydraulic pump. Driveline application cannot be used due to interference with the DPPF.
 - 7 The CS6B option includes the required metric stud kit, 20TK5169.
 - 8 PTO ratios over 05 have internal interference with transmission case.

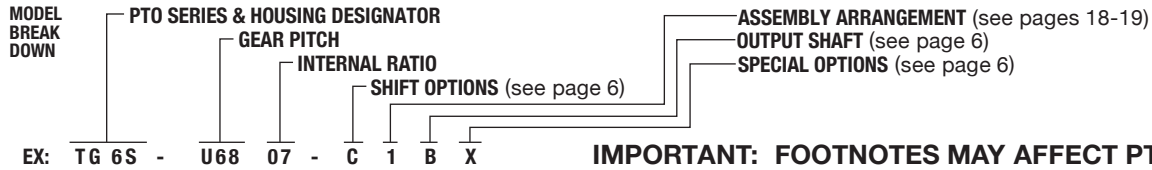
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: inline-block; width: 80%; text-align: center;"> AS68RC </div>						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 40T18410-2 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

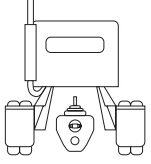

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

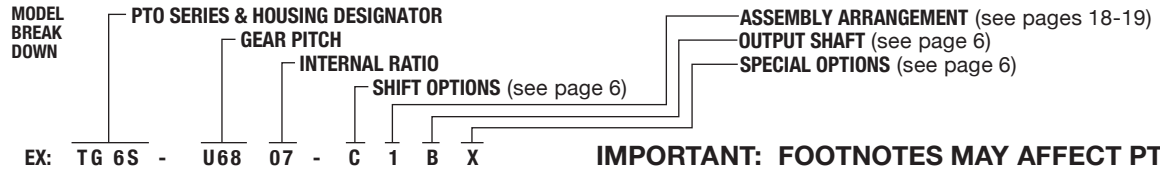
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 ISUZU AISIN A460 (ECO MAX), HINO A860E						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 63T 8.46P 20 PA Spur LOCATION: Front PLMF: 1.122 PLV: 1,950 RPM: 1,000		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

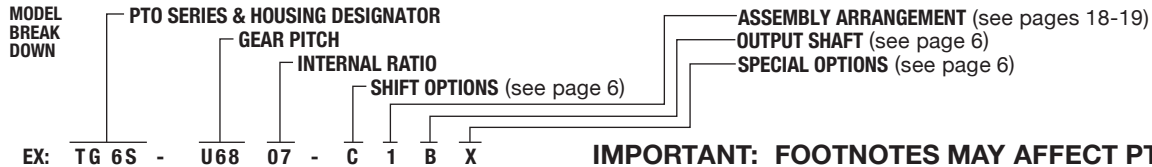
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 ISUZU AISIN A460 (ECO MAX) , HINO A860E Footnote (1, 3)						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 63T 8.46P 20 PA Spur LOCATION: Front PLMF: 1.122 PLV: 1,950 RPM: 1,000		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	FA6B-I8406-H3BX		Opp	125					Included	Power	86	16
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

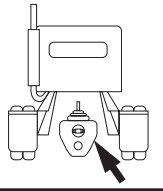



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

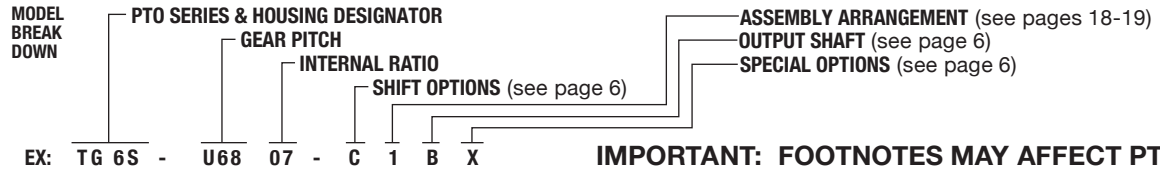
FOOTNOTES:

- 1 Torque rating limited by gear rating. (144 lb.ft.)
- 2 This transmission has torque converter lock-up when in PTO mode and engine speed above 1,200 PRM.
- 3 FA6B can be used on left side only. "H" shift option includes activation hoses and fitting and wire harness. Change to "B" shift option for Isuzu with in cab PTO switch option. "B" shift option for 2012 model year and later only.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 AS69RC, A467 DODGE RAM TRUCK 2013 & LATER (DIESEL) (Order Code LBN for PTO Option) Footnote (1, 2, 3, 6, 7, 8)								SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-I8403-G1SP	4, 5	Crnk	69					Included	Power	250	48
	CS6B-I8404-G1SP	4, 5	Crnk	88					Included	Power	250	48
	CS6B-I8405-G1SP	4, 5	Crnk	96					Included	Power	250	48
	CS6B-I8407-G1SP	4, 5	Crnk	141					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

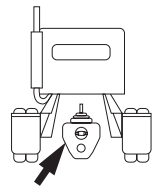

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Torque ratings are based on the transmission gear rating of 250 lb.ft.
 - 2 TG Series not shown due to possible internal interference.
 - 3 Drive gear is torque converter driven and output shaft speed will vary due to converter slippage. Converter has a PTO lockup function and it is activated by the connection to the vehicle drive control module.
 - 4 "G" shift option is for drop-in solenoid, hose kit and wire harness. Use "D" shift option for remote mounted control valve, wiring harness, hoses, and (2) 43T39222 adapter fitting and (1) 43T36445 elbow fitting which are required for the connection to the transmission ports.
 - 5 Connection to the Ram Truck ECU is required for PTO operation. Ram Truck chassis require PTO prep package (Option Code LBN) and is only available at time of order of chassis from Ram Truck.
 - 6 Driveline application cannot be used due to interference with DPF.
 - 7 The CS6B option includes the required metric stud kit, 20TK5169.
 - 8 Hydraulic pumps PKS Series recommended. PK Series tandem pumps up to 17-17 GPM have been installed.

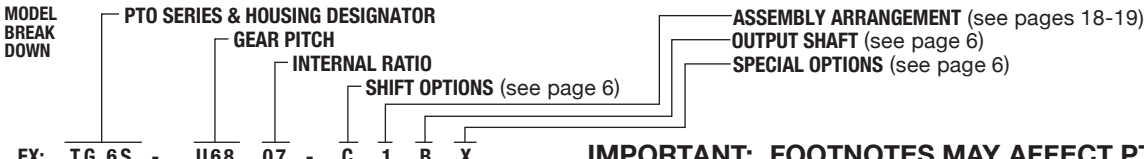
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION		LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	AS69RC, A467 DODGE RAM TRUCK 2013 & LATER 4X2 CHASSIS ONLY (Order Code LBV for PTO Option) Footnote (1, 2, 4, 5)	SAE 6-BOLT OPENING	

PTO DRIVE GEAR DATA:
 69T 8.46P 20° PA Spur
 LOCATION: Front PLMF: 1.085
 PLV: 2135 FPM RPM: 1,000

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES	FA6B-I8406-D3BX	3	Opp	137				Included	Power	124	24	
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



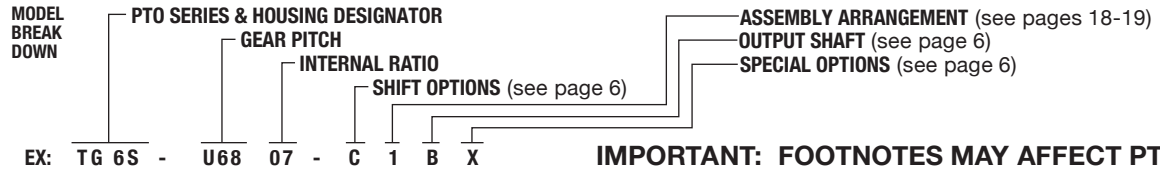
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 The left side opening is a special order from Ram Truck, order code LBV. The right side opening cannot be used if left side opening is ordered. The 4x4 driveline interferes with this PTO and the option cannot be ordered.
 - 2 Drive gear is torque converter driven. Requires RAM wiring connection and engine speeds at 1,200 RPM to initiate converter lock-up.
 - 3 The FA6B Series is the only series available for clearance to the floorboard.
 - 4 The Muncie SPD-1001 speed control is available for use with the FA Series PTO. It is recommended for equipment protection from overspeeding.
 - 5 There is direct mount pump clearance for SAE-A flange mounted pumps only. The PK Series pump can be mounted using 2A or 16A mount option (FA6B Q or T). The SAE-B flange interferes with the transmission shift cable.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	AS66RC RAM TRUCK 2014 & LATER WITH 6.4L HEMI GAS ENGINE (RAM Order Code LBN for PTO Option) Footnote (1, 2, 3, 5, 6, 7, 8, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 69T 8.46P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 2135 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-I8403-G1SP	4, 5, 9	Crnk	69					Included	Power	250	48
	CS6B-I8404-G1SP	4, 5, 9	Crnk	88					Included	Power	250	48
	CS6B-I8405-G1SP	4, 5, 9	Crnk	96					Included	Power	250	48
	CS6B-I8407-G1SP	4, 5, 9	Crnk	141					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

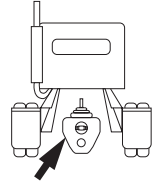

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

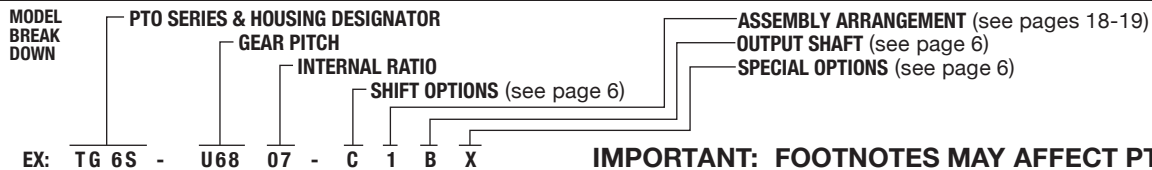
- FOOTNOTES:**
- 1 Torque ratings are based on the transmission gear rating.
 - 2 TG Series not shown due to possible internal interference.
 - 3 Drive gear is torque converter driven and output shaft speed will vary due to converter slippage. Converter has a PTO lockup function and it is activated by the connection to the vehicle drive control module.
 - 4 The "G" shift option includes a drop in control valve and hydraulic hoses and (2) 43T39222 adapter fittings & (1) 43T36445 elbow fitting which are required for connection to the transmission ports as well as the wiring harness kit (34T43408).
 - 5 Connection to the Ram Truck ECU is required for PTO operation. Ram Truck chassis require PTO prep package (Option Code LBN) and is only available at time of order of chassis from Ram Truck.
 - 6 Driveline application cannot be used due to interference with DPF.
 - 7 The CS6B option includes the required metric stud kit, 20TK5169.
 - 8 Hydraulic pumps PKS Series recommended. PK Series tandem pumps up to 17-17 GPM have been installed.
 - 9 The "G" shift option includes a heat shield (P/N 49T60070 that is mounted to the rear cover of the PTO. This shield is designed to protect the solenoid valve from heat generated by the truck exhaust system.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
	AS66RC RAM TRUCK 2014 & LATER WITH 6.4L HEMI GAS ENGINE 4X2 CHASSIS ONLY (RAM Order Code LBV for PTO Option) Footnote (1, 2, 3, 5)			SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 69T 8.46P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 2135 FPM RPM: 1,000		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	FA6B-I8406-D3BX	3	Opp	137					Included	Power	124	24
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

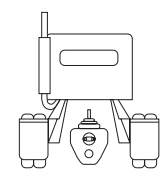

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- The left side opening is a special order from Ram Truck, order code LBV. The right side opening cannot be used if left side opening is ordered. The 4x4 driveline interferes with this PTO and the option cannot be ordered.
 - Drive gear is torque converter driven. Requires RAM wiring connection and engine speeds at 1,200 RPM to initiate converter lock-up.
 - The FA6B Series is the only series available for clearance to the floorboard.
 - The Muncie SPD-1001 speed control is available for use with the FA Series PTO. It is recommended for equipment protection from overspeeding.
 - There is direct mount pump clearance for SAE-A flange mounted pumps only. The PK Series pump can be mounted using 2A or 16A mount option (FA6B "Q" or "T"). The SAE-B flange interferes with the transmission shift cable.

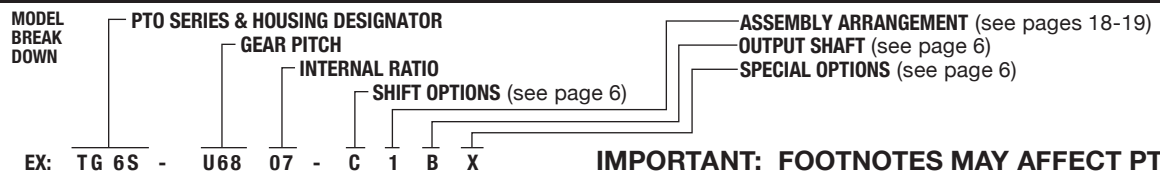
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
 MY-600, MO36A6, A45X2, A465 Mitsubishi, 2005 & later Isuzu 2008 & later Hino 2018 & later	SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA:
		LOCATION: PLV: PLMF: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

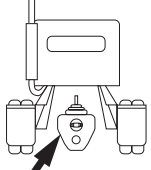

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



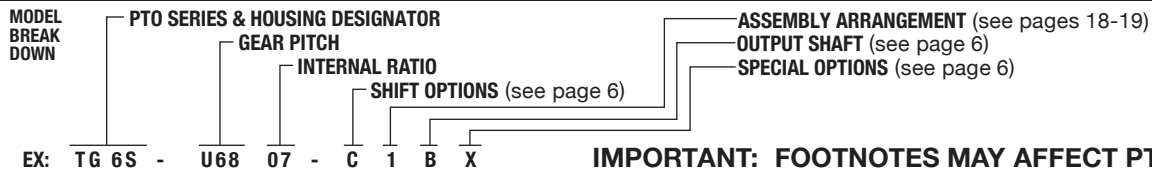
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

AISIN TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MY-600, MO36A6, A45X2, A465 Footnote (1, 3, 9, 12) This opening - Mitsubishi, 2005 & later Isuzu 2008 & later, Hino 2018 & later Footnote (13, 14)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 69T 8.46P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 2135 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-I8404-C3BP	2, 4	Opp	73			40T18410-2		Included	Cable	185	35
	TG6S-I8405-C3BP	2, 4	Opp	95			40T18410-2		Included	Cable	141	27
	TG6S-I8406-C3BP	2, 4	Opp	124			40T18410-2		Included	Cable	109	21
	TG6S-I8407-C3BP	2, 4	Opp	147			40T18410-2		Included	Cable	92	18
	TG6S-I8408-C3BP	2, 4	Opp	178			40T18410-2		Included	Cable	75	14
	TG6S-I8409-C3BP	2, 4	Opp	187			40T18410-2		Included	Cable	72	14
SH SERIES												
CLUTCH SHIFT	CS6B-I8403-S3BP	5, 6, 7, 8, 9	Crnk	68			40T18410-2		Included	Power	202	38
	CS6B-I8404-S3BP	5, 6, 7, 8, 9	Crnk	88					Included	Power	151	29
	CS6B-I8405-S3BP	5, 6, 7, 8, 9	Crnk	96					Included	Power	141	27
	CS6S-I8407-S3BP	4, 5, 6, 7, 8, 9	Opp	141					Included	Power	95	18
	FA6B-I8406-H3BX	10	Opp	137					Included	Power	79	15
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		11	40T18410-2				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

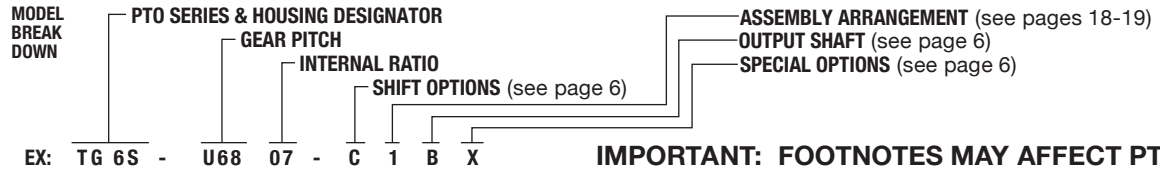
FOOTNOTES:

- Torque ratings limited by transmission gear rating.
- TG Series Input Gear: #03T37328 – Refer to kit program on pages 10 & 11. Requires (1) 43T37557 & (1) 43T35867 adapter for pressure lubrication connection (sold separately).
- Drive gear is torque converter driven and output shaft speed will vary due to converter slippage.
- PTO requires the use of adapter to mount PTO. Metric stud kit 20TK4074 and (2) spacers 23M60032S are required (one spacer on each side of adapter and are included with adapter. Standard "S" mounting option is specified when used with this adapter.
- The "S" shift option includes the fittings and hose for activation. Using the "H" shift option requires Hydraulic hose kit for installation (131-2-0001) and (2) 43T37557 adapter fittings & (1) 43T35867 adapter fitting are required connection to transmission ports and are sold separately. Transmission fittings are included with "S" option.
- The Muncie SPD-1001 Series speed control is available for use with CS Series PTOs only. It is recommended for PTO and equipment protection from overspeeding.
- Limited direct mount pump clearance. Use "T" Hyd. option with PF3 pump or "S" Hyd. option with PKS pump. Transmission speedometer sensor can be rotated for installation clearance.
- The CS6B option includes the required metric stud kit, 20TK5169.
- CS6 ratios over 05 ratio have internal transmission interference PTO ratio gear, unless adapter can be used.
- FA6B can be used on left side only. "H" shift option includes activation hoses and fitting and wire harness. Change to "B" shift option for Isuzu with in cab PTO switch option.
- Adapter can be used on CS Series to change rotation.
- PTOs interfere on HINO 195 hybrid chassis prior to model year 2018.
- CS6B PTO - For Isuzu with cab PTO switch option, add wire harness 34T42079 and 34T40877.
- CS6B - Hino chassis do not have special feature code "H", use "P" feature code.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		AT-540, AT-542, AT-543, AT-545, AT1542, AT1545 SERIAL #184557 & HIGHER Footnote (1, 8, 10)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 55T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 2400 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6004-C1BX	4, 5, 6, 7	Crnk	83					Included	Cable	285	54
	TG6S-U6005-C1BX	4, 5, 6, 7	Crnk	108					Included	Cable	270	51
	TG6S-U6006-C1BX	4, 5, 6, 7	Crnk	140					Included	Cable	245	47
SH SERIES	SH6S-U6005-E1BP	5, 6	Crnk	108					Included	Elec/Air	400	76
CLUTCH SHIFT	CS6S-U6003-H1BP	2, 3, 5, 6, 9	Crnk	76					Included	Power	350	67
	CS6S-U6004-H1BP	2, 3, 5, 6, 9	Crnk	99					Included	Power	300	57
	CS6S-U6005-H1BP	2, 3, 5, 6, 9	Crnk	108					Included	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		40TU6855-1 Pressure lubrication required on PTO.						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

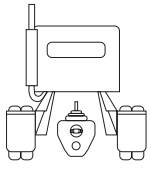

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



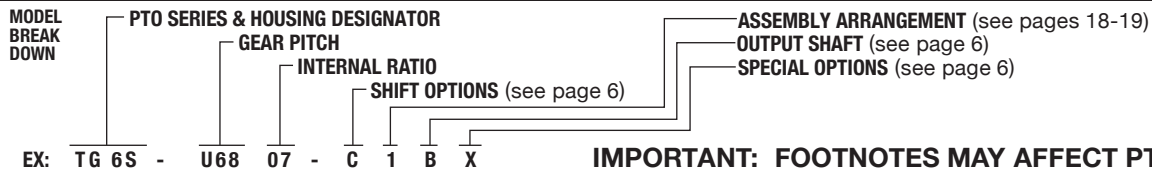
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Part 43TK5191 street tee required for pressure lubrication on Clutch Shift PTOs. This part must be ordered separately. Pressure lubrication is not required on TG Series PTOs but is available as an option upon request if needed to meet specifications.
 - If electric/hydraulic (H) shift option is chosen for the Clutch Shift PTO then 131-2-0001 installation kit is required for installation.
 - The SPD-1001 speed control is available for use with the Clutch Shift PTOs only. It is recommended for PTO and equipment protection from overspeeding.
 - TG Series Input Gear: #03T34285 — Refer to kit program on pages 10 & 11. Requires 13M13541 gasket included.
 - Allison Transmission Div. of General Motors has a PTO installation checklist available for this transmission. Refer to their *Sales Tech Data Book* which is available from an authorized service center.
 - Exhaust interference on Navistar 4700.
 - Optional: U60 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - Ford Super Duty F-650 and F-750 require the use of adapter 40TU6855-1 to clear framerail. Change PTO model to 3 assembly and include the pressure lubrication "P" special feature.
 - Interference to the end cover of the CS can be minimized by the use of the CS6G housing option. The option is only available with the "B" or "K" output shaft option.
 - PTO speeds shown are with transmission torque converter in lock-up. Consult Muncie Power for low engine speed and/or high torque applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		AT-540, AT-542, AT-543, AT-545, AT1542, AT1545 Serial #184557 & higher						PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



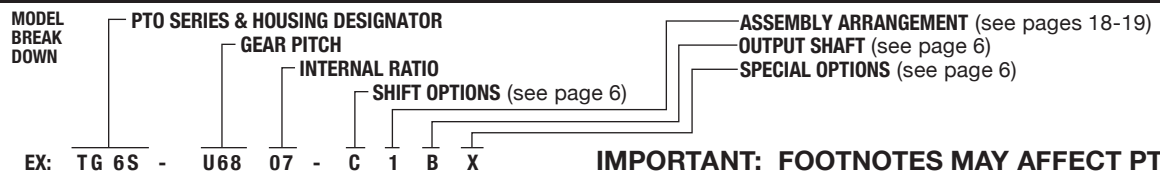
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	MT-640, MT-643, MT-644, MT-644CR, MT-647, MT-648, MT-650, MT-653, MT-653DR, MT-654CR Serial #122765 & higher Footnote (1, 6, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 64T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 2793 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6004-C3BX	4, 5, 7	Crnk	96					Included	Cable	285	54
	TG6S-U6005-C3BX	4, 5, 7	Crnk	125					Included	Cable	270	51
SH SERIES	SH6S-U6005-E3BP	5	Crnk	126					Included	Elec/Air	400	76
CLUTCH SHIFT	CS6S-U6003-H3BP	2, 3, 5, 8	Crnk	88					Included	Power	350	67
	CS6S-U6004-H3BP	2, 3, 5, 8	Crnk	115					Included	Power	300	57
	CS6S-U6005-H3BP	2, 3, 5, 8	Crnk	126					Included	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		10	40TU6855-1 Pressure lubrication required on PTO.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


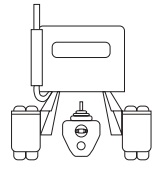
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- Part 43M78970 street tee required for pressure lubrication on Clutch Shift PTOs. This part must be ordered separately. Pressure lubrication is not required on TG Series PTOs but is available as an option upon request if needed to meet specifications.
 - If electric/hydraulic (H) shift option is chosen for the Clutch Shift PTO then 131-2-0001 installation kit is required for installation.
 - The SPD-1001 speed control is available for use with Clutch Shift PTOs only. It is recommended for PTO and equipment protection from overspeeding.
 - TG Series Input Gear: #03T34285 — Refer to kit program on pages 10 & 11. Requires 13M13541 gasket included.
 - Allison Transmission Div. of General Motors has a PTO installation checklist available for this transmission. Refer to their *Sales Tech Data Book* which is available from an authorized service center.
 - PTO interferes with frame rail on Ford with FD Series diesel engine. Check Ford Service Bulletin 94-16.
 - U60 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - Interference to the end cover of the CS can be minimized by the use of the CS6G housing option. This option is only available with the "B" or "K" output shaft option.
 - PTO speeds shown are with transmission torque converter in lock-up. Consult Muncie Power for low engine speed and/or high torque applications. PTOs shown are with the output shaft above center for improved clearance on majority of installations.

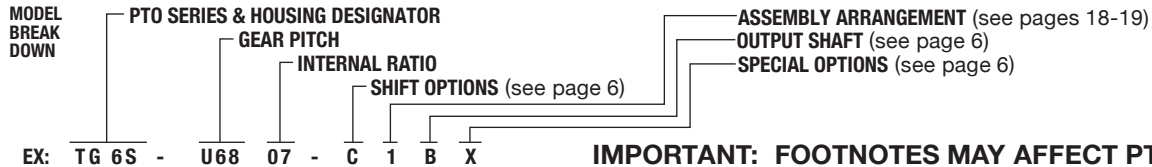
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ALLISON TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	MT-640, MT-643, MT-644, MT-644CR, MT-647, MT-648, MT-650, MT-653, MT-653DR, MT-654CR Serial #122765 & higher	PTO DRIVE GEAR DATA:	
		LOCATION: PLV:	PLMF: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

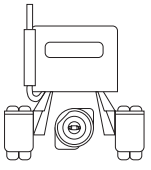

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

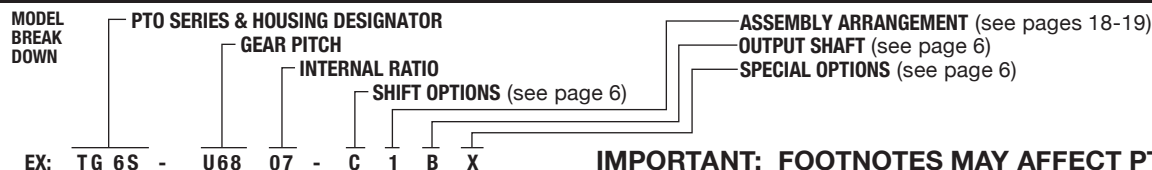
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		HT-740, HT-740D, HT-740DT, HT-740FS, HT-740FTS, HT-740RS, HT-741, HT-745, HT-747, HT-748 CLT-750, CLB-750, HT-750CRD, HT-750DR, HT-750DRD, HT-754CR, HT-754CRD, HT-755CR, HT-755DR Serial #32404 & higher				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

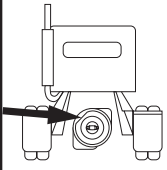

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



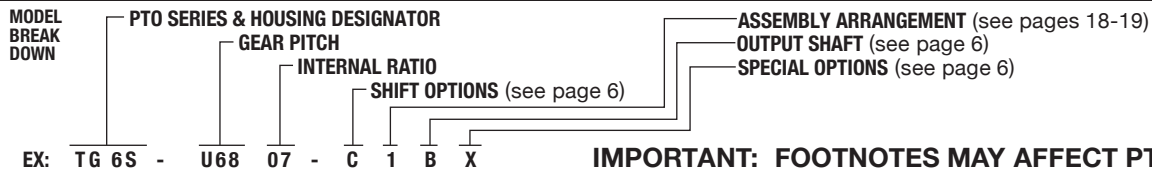
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		HT-740, HT-740D, HT-740DT, HT-740FS, HT-740FTS, HT-740RS, HT-741, HT-745, HT-747, HT-748 CLT-750, CLBT-750, HT-750CRD, HT-750DR, HT-750DRD, HT-754CR, HT-754CRD, HT-755CR, HT-755DR Serial #32404 & higher Footnote (6)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 78T 6P 20° PA Spur LOCATION: Front PLV: 3403 FPM				PLMF: 1.085 RPM: 1,000
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6004-C3BX	1, 4, 5	Crnk	117					Included	Cable	285	54
	TG6S-U6005-C3BX	1, 4, 5	Crnk	153					Included	Cable	270	51
SH SERIES	SH6S-U6005-E3BP	1	Crnk	154					Included	Elec/Air	400	76
CLUTCH SHIFT	CS6S-U6003-H3BP	1, 2, 3	Crnk	108					Included	Power	350	67
	CS6S-U6004-H3BP	1, 2, 3	Crnk	141					Included	Power	300	57
	CS6S-U6005-H3BP	1, 2, 3	Crnk	154					Included	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

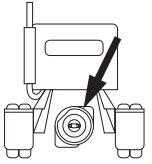



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

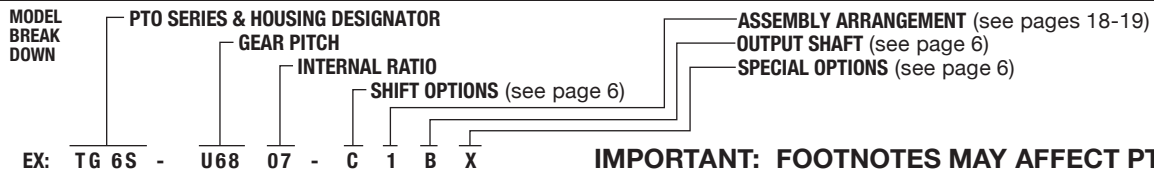
FOOTNOTES:

- 1 Part 43M78897 street tee required for pressure lubrication on Clutch Shift PTOs. This part must be ordered separately. Pressure lubrication is not required on TG Series PTOs but is available as an option upon request if needed to meet specifications.
- 2 If electric/hydraulic (H) shift option is chosen for the Clutch Shift PTO 131-2-0001 installation kit is required for installation.
- 3 The SPD-1001 speed control is available for use with Clutch Shift PTOs only. It is recommended for PTO and equipment protection from overspeeding.
- 4 TG Series Input Gear: #03T34285 — Refer to kit program on pages 10 & 11.
- 5 Optional: U60 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 6 PTO speeds shown are with transmission torque converter in lock-up. Consult Muncie Power for low engine speed and/or high torque applications. The PTO aperture is located at 10 o'clock when viewed from the rear of the transmission.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								TOP OPENING ONLY (LEFT SIDE TURN PAGE)				
 HT-740, HT-740D, HT-740DT, HT-740FS, HT-740FTS, HT-740RS, HT-741, HT-745, HT-747, HT-748, CLT-750, CLB-750, HT-750CRD, HT-750DR, HT-750DRD, HT-754CR, HT-754CRD, HT-755CR, HT-755DR Footnote (1, 2)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								40T 6P 25° PA Spur		PLMF: .810		
								LOCATION: Rear		RPM: 1,350		
								PLV: 2356 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-M2BP	3	Opp	81					Included	Cable	285	54
	TG8S-U6205-M2BP	3	Opp	106					Included	Cable	270	51
	TG8S-U6206-M2BP	3	Opp	138					Included	Cable	245	47
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6205-M2CP		Opp	75					Included	Lever	500	95
	828S-U6208-M2CP		Opp	119					Included	Lever	450	85
	828S-U6210-M2CP		Opp	159					Included	Lever	410	78
1 FWD. 1 REV.												

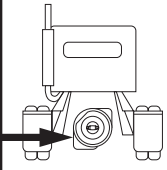



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

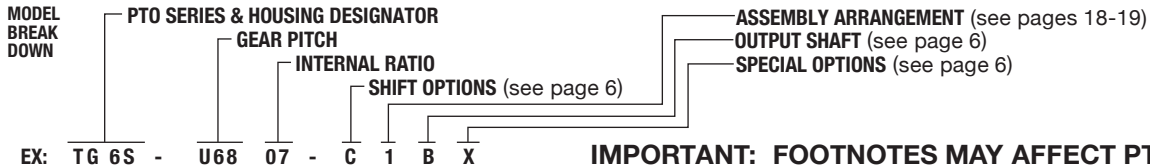
FOOTNOTES:

- These are engine driven PTO's. The PTO drive gears and pad must be specially ordered. The engine must shut off to engage or disengage mechanical shift PTOs. Constant mesh shift option "M" is shown for this application.
- Part 43M78897 street tee required for pressure lubrication. This part must be ordered separately.
- TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (TOP OPENING TURN PAGE)				
 HT-740, HT-740D, HT-740DT, HT-740FS, HT-740FTS, HT-740RS, HT-741, HT-745, HT-747, HT-748 CLT-750, CLBT-750, HT-750CRD, HT-750DR, HT-750DRD, HT-754CR, HT-754CRD, HT-755CR, HT-755DR Footnote (1, 2)								SAE 8-BOLT OPENING				PTO DRIVE GEAR DATA:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-M2BP	3	Opp	81					Included	Cable	285	54
	TG8S-U6205-M2BP	3	Opp	106					Included	Cable	270	51
	TG8S-U6206-M2BP	3	Opp	138					Included	Cable	245	47
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6205-M2CP		Opp	75					Included	Lever	500	95
	828S-U6208-M2CP		Opp	119					Included	Lever	450	85
	828S-U6210-M2CP		Opp	159					Included	Lever	410	78
1 FWD. 1 REV.												




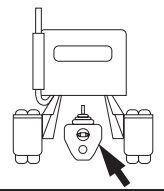
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 These are engine driven PTO's. The PTO drive gears and pad must be specially ordered. The engine must shut off to engage or disengage mechanical shift PTOs. Constant mesh shift option "M" is shown for this application.
- 2 Part 43M78897 street tee required for pressure lubrication. This part must be ordered separately.
- 3 TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		3000*** SERIES *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) MD3000 Series with PTO Opening Footnote (1, 2, 4, 5, 6)						ALLISON 10-BOLT OPENING				
								PTO DRIVE GEAR DATA: 68T 10.16P LH LOCATION: FRONT PLMF: 1.775 PLV: 1,856 FPM RPM: 1,000				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO		
								TORQUE	HP	TORQUE	HP	
CONST. DRIVE MULTI GEAR	CD40-A1007-M1EX		Crnk	100	Included	None	None	420	80	484	92	
									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A30-A1005-MX1X4PX	10	Crnk	74	Included	None	See ALLI-5X	400	77	N/A	N/A	
	A30-A1006-MX1X4PX	10	Crnk	85	Included	None	See ALLI-5X	400	77	N/A	N/A	
	A30-A1007-MX1X4PX	10	Crnk	99	Included	None	See ALLI-5X	415	79	N/A	N/A	
	A30-A1008-MX1X4PX	10	Crnk	114	Included	None	See ALLI-5X	360	69	N/A	N/A	
	A30-A1009-MX1X4PX	10	Crnk	122	Included	None	See ALLI-5X	340	65	N/A	N/A	
	A30-A1010-MX1X4PX	10	Crnk	131	Included	None	See ALLI-5X	310	59	N/A	N/A	
	A30-A1011-MX1X4PX	10	Crnk	151	Included	None	See ALLI-5X	275	52	N/A	N/A	
A30-A1012-MX1X4PX	10	Crnk	162	Included	None	See ALLI-5X	265	50	N/A	N/A		
A30-A1015-MX1X4PX	10	Crnk	201	Included	None	See ALLI-5X	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1005-HX1X4PX	7, 9, 10, 11	Crnk	74	Included	Power	See ALLI-5X	400	77	N/A	N/A	
	A20-A1006-HX1X4PX	7, 9, 10, 11	Crnk	85	Included	Power	See ALLI-5X	400	77	N/A	N/A	
	A20-A1007-HX1X4PX	7, 9, 10, 11	Crnk	99	Included	Power	See ALLI-5X	415	79	N/A	N/A	
	A20-A1008-HX1X4PX	7, 9, 10, 11	Crnk	114	Included	Power	See ALLI-5X	360	69	N/A	N/A	
	A20-A1009-HX1X4PX	7, 9, 10, 11	Crnk	122	Included	Power	See ALLI-5X	340	65	N/A	N/A	
	A20-A1010-HX1X4PX	7, 9, 10, 11	Crnk	131	Included	Power	See ALLI-5X	310	59	N/A	N/A	
	A20-A1011-HX1X4PX	7, 9, 10, 11	Crnk	151	Included	Power	See ALLI-5X	275	52	N/A	N/A	
	A20-A1012-HX1X4PX	7, 9, 10, 11	Crnk	162	Included	Power	See ALLI-5X	265	50	N/A	N/A	
A20-A1015-HX1X4PX	7, 9, 10, 11	Crnk	201	Included	Power	See ALLI-5X	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR HEAVY DUTY	CS10-A1005-H1CX	7, 9	Crnk	78	Included	Power	See ALLI-5X	350	67	500	95	
	CS10-A1006-H1CX	7, 9	Crnk	88	Included	Power	See ALLI-5X	336	64	480	91	
	CS10-A1007-H1CX	7, 9	Crnk	98	Included	Power	See ALLI-5X	315	61	450	86	
	CS10-A1008-H1CX	7, 9	Crnk	116	Included	Power	See ALLI-5X	294	56	420	80	
	CS10-A1010-H1CX	7, 9	Crnk	129	Included	Power	See ALLI-5X	270	52	385	73	
	CS41-A1007-H1CX	3, 7, 9, 11	Crnk	100	Included	Power	None	420	80	484	92	
	CS41-A1010-H1CX	3, 7, 9, 11	Crnk	144	Included	Power	None	336	64	336	64	
	CS41-A1012-H1CX	3, 7, 9, 11	Crnk	163	Included	Power	None	298	57	298	57	
	OPTIONAL REDUCTION GEARBOX	GB1B-205-125A	8	Opp	See Footnote 8				140	26	200	37



ADAPTER TO CHANGE ROTATION: No Adapter Available. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

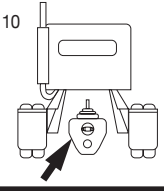



EX: A20 - A10 10 - HX 1 X4 PX

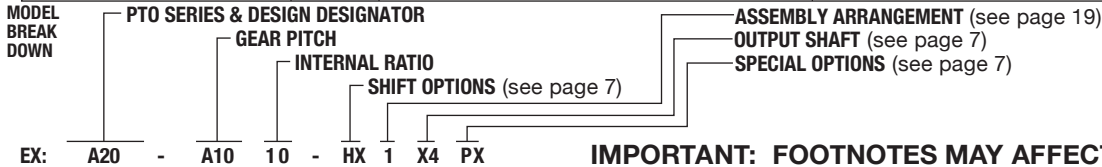
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- PTO shown with assembly arrangement with output shaft low and to the rear. The shaft high assembly can be used in chassis with interference with the PTO shown. Direct mount pump applications may have clearance depending on the type of pump used. The shaft high assembly of the PTO may also allow direct mount pump installations. Due to the numerous chassis and engine combinations it is not possible to note all the information here.
 - Standard option "X4" (A20/A30) or "C" (CD40, CS10/41) 1410 companion flange outputs shown. Light-duty applications can use the "1X" or "B" output option which will reduce available PTO output torque to 210 lb.ft.
 - The torque rating of this PTO is based on the Allison drive rating (for single PTO) of 485 lb.ft. continuous rating and is shown on this page. Refer to the *Allison Tech Data Book* for more information. The CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire Pump applications to be calculated as shown on page 3. Ratings above the transmission rating are not approved. Based on the PTO rating shown on page 22, the CS41-A1007 is rated to 485 lb.ft. intermittent and 420 lb.ft. continuous when used on this transmission. The CS41-A1010 is rated to 336 lb.ft. continuous and intermittent and the CS41-A1012 is 298 lb.ft. continuous and intermittent.
 - Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
 - INTERNATIONAL® Trucks has a shift option code 60ABE which provides a PTO cab switch and connections for the Clutch Shift PTO.
 - The 3700 Series transmission PTOs fit the left side opening only. Use application page ALLI-11.
 - Interference to end cover can be minimized by use of remote mount solenoid option. This is specified by ordering the CS11 or CS41 housing option in place of CS10 or CS40, or by using the HR shift code (A20 only).
 - Optional Speed Reduction Gearbox. Reduces PTO Speeds shown by 50%. PTO shaft (1 1/4" Round, 5/16" Key) rotation changes to Opposite of Engine. PTO output "HX1B8PW" required.
 - CS10, CS41 and A20 PTOs in Fire Pump applications are approved to 4,000 RPM PTO output shaft speed.
 - A20 and A30 have a single continuous/intermittent torque rating.
 - PTO available with Muncie Start®; SX shift code on A20, 6 special feature on CS40.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 3000*** SERIES *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) MD3000 Series with PTO Opening Footnote (1, 2, 4, 5, 6)							ALLISON 10-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
							68T 10.16P L.H.					
							LOCATION: Front		PLMF: 1.775			
							PLM: 1.856 FPM		RPM: 1,000			
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO		
								TORQUE	HP	TORQUE	HP	
CONST. DRIVE MULTI GEAR	CD40-A1007-M3EX		Crnk	100	Included	None	None	420	80	484	92	
									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A30-A1005-MX3X4PX	10	Crnk	74	Included	None	See ALLI-5X	400	77	N/A	N/A	
	A30-A1006-MX3X4PX	10	Crnk	85	Included	None	See ALLI-5X	400	77	N/A	N/A	
	A30-A1007-MX3X4PX	10	Crnk	99	Included	None	See ALLI-5X	415	79	N/A	N/A	
	A30-A1008-MX3X4PX	10	Crnk	114	Included	None	See ALLI-5X	360	69	N/A	N/A	
	A30-A1009-MX3X4PX	10	Crnk	122	Included	None	See ALLI-5X	340	65	N/A	N/A	
	A30-A1010-MX3X4PX	10	Crnk	131	Included	None	See ALLI-5X	310	59	N/A	N/A	
	A30-A1011-MX3X4PX	10	Crnk	151	Included	None	See ALLI-5X	275	52	N/A	N/A	
A30-A1012-MX3X4PX	10	Crnk	162	Included	None	See ALLI-5X	265	50	N/A	N/A		
A30-A1015-MX3X4PX	10	Crnk	201	Included	None	See ALLI-5X	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1005-HX3X4PX	7, 9, 10, 11	Crnk	74	Included	Power	See ALLI-5X	400	77	N/A	N/A	
	A20-A1006-HX3X4PX	7, 9, 10, 11	Crnk	85	Included	Power	See ALLI-5X	400	77	N/A	N/A	
	A20-A1007-HX3X4PX	7, 9, 10, 11	Crnk	99	Included	Power	See ALLI-5X	415	79	N/A	N/A	
	A20-A1008-HX3X4PX	7, 9, 10, 11	Crnk	114	Included	Power	See ALLI-5X	360	69	N/A	N/A	
	A20-A1009-HX3X4PX	7, 9, 10, 11	Crnk	122	Included	Power	See ALLI-5X	340	65	N/A	N/A	
	A20-A1010-HX3X4PX	7, 9, 10, 11	Crnk	131	Included	Power	See ALLI-5X	310	59	N/A	N/A	
	A20-A1011-HX3X4PX	7, 9, 10, 11	Crnk	151	Included	Power	See ALLI-5X	275	52	N/A	N/A	
	A20-A1012-HX3X4PX	7, 9, 10, 11	Crnk	162	Included	Power	See ALLI-5X	265	50	N/A	N/A	
A20-A1015-HX3X4PX	7, 9, 10, 11	Crnk	201	Included	Power	See ALLI-5X	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR HEAVY DUTY	CS10-A1005-H3CX	7, 9	Crnk	78	Included	Power	See ALLI-5X	350	67	500	95	
	CS10-A1006-H3CX	7, 9	Crnk	88	Included	Power	See ALLI-5X	336	64	480	91	
	CS10-A1007-H3CX	7, 9	Crnk	98	Included	Power	See ALLI-5X	315	61	450	86	
	CS10-A1008-H3CX	7, 9	Crnk	116	Included	Power	See ALLI-5X	294	56	420	80	
	CS10-A1010-H3CX	7, 9	Crnk	129	Included	Power	See ALLI-5X	270	52	385	73	
	CS41-A1007-H3CX	3, 7, 9, 11	Crnk	100	Included	Power	See ALLI-5X	420	80	484	92	
CS41-A1010-H3CX	3, 7, 9, 11	Crnk	144	Included	Power	See ALLI-5X	336	64	336	64		
CS41-A1012-H3CX	3, 7, 9, 11	Crnk	163	Included	Power	See ALLI-5X	298	57	298	57		
OPTIONAL REDUCTION GEARBOX	GB1B-205-125A	8	Opp	See Footnote 8				140	26	200	37	


ADAPTER TO CHANGE ROTATION: No Adapter Available. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- PTO shown with assembly arrangement with output shaft low and to the rear. The shaft high assembly can be used in chassis with interference with the PTO shown. Direct mount pump applications may have clearance depending on the type of pump used. The shaft high assembly of the PTO may also allow direct mount pump installations. Due to the numerous chassis and engine combinations it is not possible to note all the information here.
- Standard option "X4" (A20/A30) or "C" (CD40, CS10/41) 1410 companion flange outputs shown. Light-duty applications can use the "1X" or "B" output option which will reduce available PTO output torque to 210 lb.ft.
- The torque rating of this PTO is based on the Allison drive rating (for single PTO) of 485 lb.ft. continuous rating and is shown on this page. Refer to the *Allison Tech Data Book* for more information. The CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire Pump applications to be calculated as shown on page 3. Ratings above the transmission rating are not approved. Based on the PTO rating shown on page 22, the CS41-A1007 is rated to 485 lb.ft. intermittent and 420 lb.ft. continuous when used on this transmission. The CS41-A1010 is rated to 336 lb.ft. continuous and intermittent and the CS41-A1012 is 298 lb.ft. continuous and intermittent.
- Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
- INTERNATIONAL® Trucks has a shift option code 60ABE which provides a PTO cab switch and connections for the Clutch Shift PTO.
- The 3700 Series transmission, PTOs fit the left side opening only. Use application page ALLI-11.
- Interference to end cover can be minimized by use of remote mount solenoid option. This is specified by ordering the CS11 or CS41 housing option in place of CS10 or CS40, or by using the HR shift code (A20 only).
- Optional Speed Reduction Gearbox. Reduces PTO Speeds shown by 50%. PTO shaft (1 1/4" Round, 5/16" Key) rotation changes to Opposite of Engine. PTO output "HX1BBPW" required.
- CS10, CS41 and A20 PTOs in Fire Pump applications are approved to 4,000 RPM PTO output shaft speed.
- A20 and A30 have a single continuous/intermittent torque rating.
- PTO available with Muncie Start®; SX shift code on A20, 6 special feature on CS40.

ALLISON TRANSMISSION		
	3000*** SERIES MUNCIE PTO SHAFT EXTENSIONS	ALLISON 10-BOLT OPENING
	*** (EVS, RDS, SPS) (MHS, BUS, TRV OPTIONAL) MD-3050P, MD-3550P, MD-3060P, MD-3066P, MD-3560P, MD-3566P, MD-3070PT Footnote (2, 4)	PTO DRIVE GEAR DATA: 68T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 1856 FPM RPM: 1,000


CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

PTO SERIES	ALLISON 3000*** WITHOUT RETARDER OR COOLER	
	LEFT SIDE	RIGHT SIDE
A20 and A30	XSMC-A30XX-X3**XX A*0-A10**-**3CBPW	XSMC-A30XX-X1**XX A*0-A10**-**1CBPW
CS10	49TA***** (TURN PAGE)	NOT AVAILABLE
CS41	NOT AVAILABLE	NOT AVAILABLE
	ALLISON 3000*** WITH RETARDER	
	LEFT SIDE	RIGHT SIDE
A20 and A30	XSMC-A30XX-X3**RX A*0-A10**-**3CBPW	XSMC-A30XX-X1**RX A*0-A1-**-**1CBPW
CS10	XS10-A30XX-X3**RX CS10-A10**-H3VX	NOT AVAILABLE
CS41	XS41-A30XX-X3**RX CS41-A10**-M3VX	NOT AVAILABLE
	ALLISON 3000*** WITH INTEGRAL COOLER	
	LEFT SIDE	RIGHT SIDE
A20 and A30	XSMC-A30XX-X4**CX A*0-A10**-**5CBPW	XSMC-A30XX-X2**CX A*0-A10**-**5CBPW
CS10	NOT AVAILABLE	NOT AVAILABLE
CS41	NOT AVAILABLE	NOT AVAILABLE

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

<p>FOOTNOTES:</p> <ol style="list-style-type: none"> 1 49TA***** part numbers are choices for aluminum housing versions of shaft extension. These are shown on back of this page. 2 PTOs and shaft extensions for integral cooler applications must be mounted shaft high in order to clear cooler. 3 PTO and shaft extension sold separately. 4 No shaft extension option for Allison 3700 series transmissions. 5 Table shows shaft extension part number on top, with corresponding PTO listed below where applicable. Some combinations are not available, and are listed as such. 6 See Page ALLI-05 for PTO application details
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CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.


ALLISON TRANSMISSION			
	3000*** SERIES MUNCIE PTO SHAFT EXTENSIONS	ALLISON 10-BOLT OPENING	
	*** (EVS, RDS, SPS) (MHS, BUS, TRV OPTIONAL) MD-3050P, MD-3550P, MD-3060P, MD-3066P, MD-3560P, MD-3566P, MD-3070PT Footnote (2, 4)	PTO DRIVE GEAR DATA: 68T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 1856 FPM RPM: 1,000	
PTO SERIES	OUTPUT	ALLISON 3000*** WITHOUT RETARDER OR COOLER	
		LEFT SIDE	RIGHT SIDE
CS10	SAE BB	49TA5448A CS10-A10**-H3VX	NOT AVAILABLE
	SAE C	49TA5449A CS10-A10**-H3VX	NOT AVAILABLE

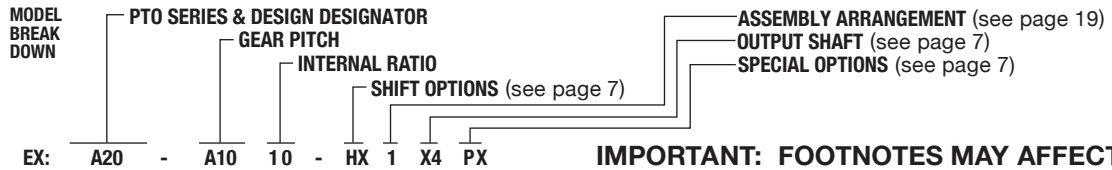
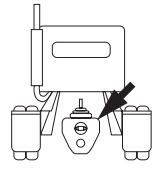
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 PTO and shaft extension sold separately.
- 2 No shaft extension option for Allison 3700 series transmission.
- 3 Table shows shaft extension part number on top, with corresponding PTO listed below. Some combinations are not available, and are listed as such.
For transmissions with retarder or integral cooler, see front of this page.
- 5 See Page ALLI-05 for PTO application details.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.


ALLISON TRANSMISSION							TOP SIDE ONLY (LEFT SIDE TURN PAGE)					
		4000*** SERIES *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) HD-4060P, HD-4560P, HD-4070P Footnote (1, 2, 3, 4)					ALLISON 10-BOLT OPENING					
							PTO DRIVE GEAR DATA: 97T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 2,648 FPM RPM: 1,000					
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO		
								TORQUE	HP	TORQUE	HP	
CONST. DRIVE MULTI GEAR	CD40-A1007-M1EB		Crnk	144	Included	None	None	429	82	479	91	
									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A30-A1005-MX5X4BX	9	Crnk	105	Included	None	See ALLI-6X	400	77	N/A	N/A	
	A30-A1006-MX5X4BX	9	Crnk	122	Included	None	See ALLI-6X	400	77	N/A	N/A	
	A30-A1007-MX5X4BX	9	Crnk	141	Included	None	See ALLI-6X	415	79	N/A	N/A	
	A30-A1008-MX5X4BX	9	Crnk	163	Included	None	See ALLI-6X	360	69	N/A	N/A	
	A30-A1009-MX5X4BX	9	Crnk	175	Included	None	See ALLI-6X	340	65	N/A	N/A	
	A30-A1010-MX5X4BX	9	Crnk	187	Included	None	See ALLI-6X	310	59	N/A	N/A	
	A30-A1011-MX5X4BX	9	Crnk	215	Included	None	See ALLI-6X	275	52	N/A	N/A	
A30-A1012-MX5X4BX	9	Crnk	231	Included	None	See ALLI-6X	265	50	N/A	N/A		
A30-A1015-MX5X4BX	9	Crnk	287	Included	None	See ALLI-6X	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1005-HX5X4BX	8, 9, 10	Crnk	105	Included	Power	See ALLI-6X	400	77	N/A	N/A	
	A20-A1006-HX5X4BX	8, 9, 10	Crnk	122	Included	Power	See ALLI-6X	400	77	N/A	N/A	
	A20-A1007-HX5X4BX	8, 9, 10	Crnk	141	Included	Power	See ALLI-6X	415	79	N/A	N/A	
	A20-A1008-HX5X4BX	8, 9, 10	Crnk	163	Included	Power	See ALLI-6X	360	69	N/A	N/A	
	A20-A1009-HX5X4BX	8, 9, 10	Crnk	175	Included	Power	See ALLI-6X	340	65	N/A	N/A	
	A20-A1010-HX5X4BX	8, 9, 10	Crnk	187	Included	Power	See ALLI-6X	310	59	N/A	N/A	
	A20-A1011-HX5X4BX	8, 9, 10	Crnk	215	Included	Power	See ALLI-6X	275	52	N/A	N/A	
	A20-A1012-HX5X4BX	8, 9, 10	Crnk	231	Included	Power	See ALLI-6X	265	50	N/A	N/A	
A20-A1015-HX5X4BX	8, 9, 10	Crnk	287	Included	Power	See ALLI-6X	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR HEAVY DUTY	CS10-A1005-H1CB	8	Crnk	111	Included	Power	None	350	67	500	95	
	CS10-A1006-H1CB	8	Crnk	125	Included	Power	None	336	64	480	91	
	CS10-A1007-H1CB	8	Crnk	139	Included	Power	None	315	61	450	86	
	CS10-A1008-H1CB	5, 8	Crnk	164	Included	Power	None	292	56	417	79	
	CS10-A1010-H1CB	5, 8	Crnk	184	Included	Power	None	261	50	372	71	
	CS41-A1007-H1CB	5, 7, 8, 10	Crnk	144	Included	Power	None	429	82	479	91	
	CS41-A1010-H1CB	5, 7, 8, 10	Crnk	206	Included	Power	None	332	63	332	63	
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

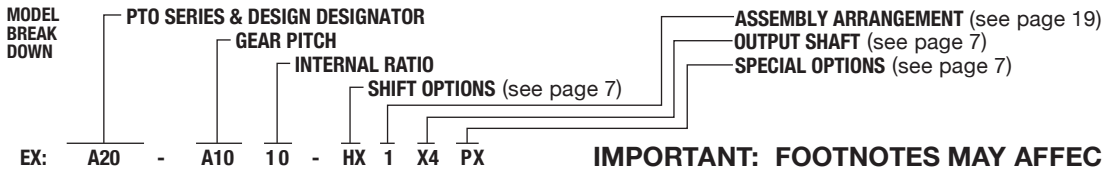
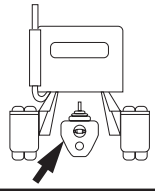


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 This opening is at the 1 o'clock position and clearance of the vehicle cab varies with application.
 - 2 Requires special lube kit included.
 - 3 Internal clearance change in 2006. Transmissions built prior to 2006 are limited to PTO ratios "07" and below.
 - 4 Standard output option "X4" (1410 companion flange) shown. Light-duty applications can use the "1X" option which will reduce available PTO output torque to 210 lb.ft.
 - 5 The torque rating of this PTO is based on the Allison drive gear rating (for single PTO) of 685 lb.ft. continuous rating and is shown on this page. Refer to the *Allison Tech Data Book* for more information. The CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire Pump applications to be calculated as shown on page 3. Ratings above the transmission rating are not approved. The transmission rating means that PTO CS41-A1007 is rated to 479 lb.ft. intermittent and 429 lb.ft. continuous when used on this series of transmission. The CS41-A1010 is rated 332 lb.ft. intermittent and continuous.
 - 6 Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
 - 7 Check for CS41 housing interference at transmission flange prior to tightening mounting capscrews. Clearance can be made by using a flat file to clear housing to transmission
 - 8 A20, CS10 and CS41 PTOs in Fire Pump applications are approved to 4,000 RPM PTO output shaft speed.
 - 9 A20 and A30 have a single continuous/intermittent torque rating.
 - 10 PTO available with Muncie Star®; SX shift code on A20, 6 special feature on CS40.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.


ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)			
		4000*** SERIES *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) HD-4060P, HD-4560P, HD-4070P Footnote (1, 2, 3, 5)						ALLISON 10-BOLT OPENING			
								PTO DRIVE GEAR DATA: 97T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 2,648 RPM: 1,000			
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO	
								TORQUE	HP	TORQUE	HP
CONST. DRIVE MULTI GEAR	CD40-A1007-M3EX		Crnk	144	Included	None	NONE	429	82	479	91
	CONTINUOUS AND INTERMITTENT RATINGS ARE SAME										
	A30-A1005-MX3X4PX	9	Crnk	105	Included	None	See ALLI-6X	400	77	N/A	N/A
	A30-A1006-MX3X4PX	9	Crnk	122	Included	None	See ALLI-6X	400	77	N/A	N/A
	A30-A1007-MX3X4PX	9	Crnk	141	Included	None	See ALLI-6X	415	79	N/A	N/A
	A30-A1008-MX3X4PX	9	Crnk	163	Included	None	See ALLI-6X	360	69	N/A	N/A
	A30-A1009-MX3X4PX	9	Crnk	175	Included	None	See ALLI-6X	340	65	N/A	N/A
	A30-A1010-MX3X4PX	9	Crnk	187	Included	None	See ALLI-6X	310	59	N/A	N/A
	A30-A1011-MX3X4PX	9	Crnk	215	Included	None	See ALLI-6X	275	52	N/A	N/A
A30-A1012-MX3X4PX	9	Crnk	231	Included	None	See ALLI-6X	265	50	N/A	N/A	
A30-A1015-MX3X4PX	9	Crnk	287	Included	None	See ALLI-6X	205	39	N/A	N/A	
CLUTCH SHIFT MULTI GEAR	CONTINUOUS AND INTERMITTENT RATINGS ARE SAME										
	A20-A1005-HX3X4PX	8, 9, 10	Crnk	105	Included	Power	See ALLI-6X	400	77	N/A	N/A
	A20-A1006-HX3X4PX	8, 9, 10	Crnk	122	Included	Power	See ALLI-6X	400	77	N/A	N/A
	A20-A1007-HX3X4PX	8, 9, 10	Crnk	141	Included	Power	See ALLI-6X	415	79	N/A	N/A
	A20-A1008-HX3X4PX	8, 9, 10	Crnk	163	Included	Power	See ALLI-6X	360	69	N/A	N/A
	A20-A1009-HX3X4PX	8, 9, 10	Crnk	175	Included	Power	See ALLI-6X	340	65	N/A	N/A
	A20-A1010-HX3X4PX	8, 9, 10	Crnk	187	Included	Power	See ALLI-6X	310	59	N/A	N/A
	A20-A1011-HX3X4PX	8, 9, 10	Crnk	215	Included	Power	See ALLI-6X	275	52	N/A	N/A
	A20-A1012-HX3X4PX	8, 9, 10	Crnk	231	Included	Power	See ALLI-6X	265	50	N/A	N/A
A20-A1015-HX3X4PX	8, 9, 10	Crnk	287	Included	Power	See ALLI-6X	205	39	N/A	N/A	
CLUTCH SHIFT MULTI GEAR HEAVY DUTY	CS10-A1005-H3CX	8	Crnk	111	Included	Power	See ALLI-6X	350	67	500	95
	CS10-A1006-H3CX	8	Crnk	125	Included	Power	See ALLI-6X	336	64	480	91
	CS10-A1007-H3CX	8	Crnk	139	Included	Power	See ALLI-6X	315	61	450	86
	CS10-A1008-H3CX	5, 8	Crnk	164	Included	Power	See ALLI-6X	292	56	417	79
	CS10-A1010-H3CX	5, 8	Crnk	184	Included	Power	See ALLI-6X	261	50	372	71
	CS41-A1007-H3CX	5, 7, 8, 10	Crnk	144	Included	Power	See ALLI-6X	429	82	479	91
	CS41-A1010-H3CX	5, 7, 8, 10	Crnk	206	Included	Power	See ALLI-6X	332	63	332	63
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- PTO shown with assembly arrangement with output shaft low and to the rear. The shaft high assembly can be used in chassis with interference with the PTO shown. A20 and A30 can use 5 arrangement housing; 1 arrangement has interference with transmission. Direct mount pump applications may have clearance depending on the type of pump used. The shaft high assembly of the PTO may also allow direct mount pump installs. Due to the numerous chassis and engine combinations it is not possible to note all the information here.
- Requires special lube kit included.
- Internal clearance change in 2006. Transmissions built prior to 2006 are limited to PTO ratios "07" and below.
- Standard output option "X4" (1410 companion flange) shown. Light duty applications can use the "1X" option which will reduce available PTO output torque to 210 lb.ft.
- The torque rating of this PTO is based on the Allison drive gear rating (for single PTO) of 685 lb.ft. continuous rating and is shown on this page. Refer to the *Allison Tech Data Book* for more information. The CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire Pump applications to be calculated as shown on page 3. Ratings above the transmission rating are not approved. The transmission rating means that PTO CS41-A1007 is rated to 479 lb.ft. intermittent and 429 lb.ft. continuous when used on this series of transmission. The CS41-A1010 is rated 332 lb.ft. intermittent and continuous.
- Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
- Check for CS41 housing interference at transmission flange prior to tightening mounting capscrews. Clearance can be made by using a flat file to clear housing to transmission
- A20, CS10 and CS41 PTOs in Fire Pump applications are approved to 4,000 RPM PTO output shaft speed.
- A20 and A30 have a single continuous/intermittent torque rating.
- PTO available with Muncie Start®; SX shift code on A20, 6 special feature on CS40.

ALLISON TRANSMISSION		
	4000*** SERIES MUNCIE PTO SHAFT EXTENSIONS	ALLISON 10-BOLT OPENING
	*** (EVS, RDS, SPS, OFS) (MHS, BUS, TRV OPTIONAL) HD-4060P, HD-4560P, HD-4070P Footnote (2, 4)	PTO DRIVE GEAR DATA: 97T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 2648 FPM RPM: 1,000

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.


PTO SERIES	ALLISON 4000*** WITHOUT RETARDER OR COOLER	
	LEFT SIDE	TOP SIDE
A20 and A30	XSMC-A40XX-X3**XX A*0-A10**-**3CBPW	XSMC-A40XX-X5**XX A*0-A10**-**5CBPW
CS10	XS10-A40XX-X3**XX CS10-A10**-**H3VX	NOT AVAILABLE
CS41	49TA**** (TURN PAGE)	NOT AVAILABLE
	ALLISON 4000*** WITH RETARDER	
	LEFT SIDE	2TOP SIDE
A20 and A30	XSMC-A40XX-X4**RX A*0-A10**-**5CBPW	XSMC-A40XX-X5**RX A*0-A10**-**5CBPW
CS10	XS10-A40XX-X3**RX CS10-A10**-H3VX	NOT AVAILABLE
CS41	XS41-A40XX-X3**RX CS41-A10**-M3VX	NOT AVAILABLE
	ALLISON 4000*** WITH INTEGRAL COOLER	
	LEFT SIDE	TOP SIDE
A20 and A30	XSMC-A40XX-X4**CX A*0-A10**-**5CBPW	XSMC-A40XX-X5**XX A*0-A10**-**5CBPW
CS10	NOT AVAILABLE	NOT AVAILABLE
CS41	XS41-A40XX-X4**CX CS41-A10**-H1VX	NOT AVAILABLE

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 49TA**** part numbers are choices for aluminum housing versions of shaft extension. These are shown on back of this page.
- 2 PTOs and shaft extensions for integral cooler applications must be mounted shaft high in order to clear cooler.
- 3 PTO and shaft extension sold separately.
- 4 Shaft extension choices for Allison 4700 Series transmission not shown. Only available option is XSMC-A47XX-X3**XX/ A*0-A10**-H3**XX for left side, without retarder or cooler.
- 5 Table shows shaft extension part number on top, with corresponding PTO listed below where applicable. Some combinations are not available, and are listed as such.
- 6 See page ALLI-06 for PTO application details.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

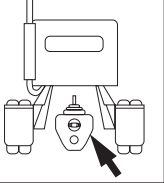

ALLISON TRANSMISSION			
	4000*** SERIES MUNCIE PTO SHAFT EXTENSIONS *** (EVS, RDS, SPS, OFS) (MHS, BUS, TRV OPTIONAL) HD-4060P, HD-4560P, HD-4070P Footnote (2, 4)	ALLISON 10-BOLT OPENING	
		PTO DRIVE GEAR DATA: 97T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 2648 FPM RPM: 1,000	
PTO SERIES	OUTPUT	ALLISON 4000*** WITHOUT RETARDER OR COOLER	
		LEFT SIDE	TOP SIDE
CS10	SAE B-C	49TA5446A CS10-A10**-H3VX	NOT AVAILABLE
	SAE C	49TA5447A CS10-A10**-H3VX	NOT AVAILABLE
	DIN-5462	49TA5445A CS10-A10**-H3VX	NOT AVAILABLE
CS41	DIN-5482	49TA5445A CS41-A10**-H3VX	NOT AVAILABLE
	SAE B-C	49TA5446A CS41-A10**-H3VX	NOT AVAILABLE
	SAE C	49TA5447A CS41-A10**-H3VX	NOT AVAILABLE

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 PTO and shaft extension sold separately.
- 2 Shaft extensions choices for Allison 4700 series transmission not shown. Only available option is XSMC-A47XX-X3**XX/ A*0-A10**-H3**XX for left side, without retarder or cooler.
- 3 Table shows shaft extension part number on top, with corresponding PTO listed below where applicable. Some combinations are not available, and are listed as such.
- 4 For transmissions with retarder or integral cooler, see front of this page.
- 5 See Page ALLI-06 for PTO application details.

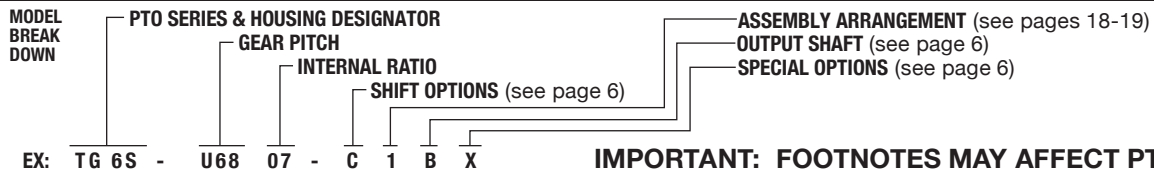
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2500 RPM.

ALLISON TRANSMISSION						RIGHT SIDE ONLY (TOP SIDE TURN PAGE)		
 CLBT-9681, CLT-9884, CLT-9885, DP-8861, DP-8862, DP-8960, DP-8961, DP-8962, DP-8963, M8610, M9600, M9610, M9800, M9810, S8610, S9600, S9610, S9800, S9805, S9806, S9810, 9810OFS, 9823OFS, 9826OFS, H8610, H9600, H9610, H9810 Footnote (2, 3, 4)						SAE 8-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-M4BP	1	Crnk	89					Included	Cable	285	54
	TG8S-U6205-M4BP	1	Crnk	116					Included	Cable	270	51
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S U6205-M4CP		Crnk	82					Included	None	500	95
	828S U6206-M4CP		Crnk	104					Included	None	450	85
	828S U6208-M4CP		Crnk	130					Included	None	450	85
1 FWD. 1 REV.												

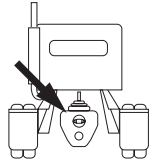



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

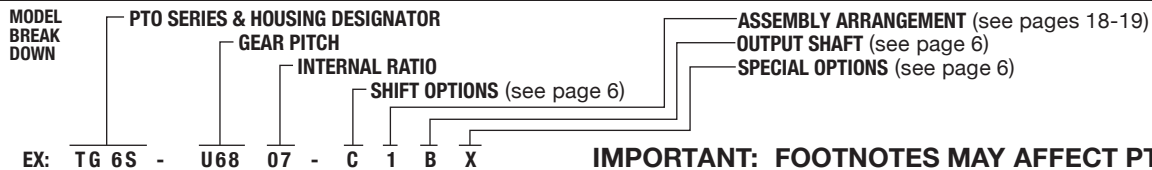
- 1 TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.
- 2 Engine Driven Drive gear requires that the Engine be turned off before engaging or disengaging PTO. Constant mesh shift option "M" is shown for this application.
- 3 Ratio gears higher than listed interfere with internal transmission casting.
- 4 Transmission pressure lube port may require straight thread fitting.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2500 RPM.

ALLISON TRANSMISSION		TOP SIDE ONLY (RIGHT SIDE TURN PAGE)	
	CLBT-9681, CLT-9884, CLT-9885, DP-8861, DP-8862, DP-8960, DP-8961, DP-8962, DP-8963, M8610, M9600, M9610, M9800, M9810, S8610, S9600, S9610, S9800, S9805, S9806, S9810, 9810OFS, 9823OFS, 9826OFS, H8610, H9600, H9610, H9810 Footnote (2, 3, 4)	SAE 8-BOLT OPENING		PTO DRIVE GEAR DATA: 39T 6P 25° Spur LOCATION: Rear PLMF: .810 PLV: 2575 FPM RPM: 1,515

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-M2BP	1	Opp	89					Included	Cable	285	54
	TG8S-U6205-M2BP	1	Opp	116					Included	Cable	270	51
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S U6205-M2CP		Opp	82					Included	None	500	95
	828S U6206-M2CP		Opp	104					Included	None	450	85
	828S U6208-M2CP		Opp	130					Included	None	450	85
1 FWD. 1 REV.												

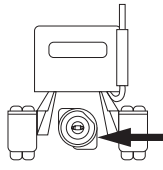



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

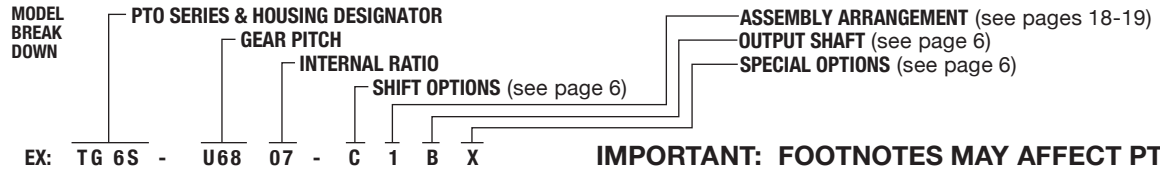
FOOTNOTES:

- 1 TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.
- 2 Engine Driven Drive gear requires that the Engine be turned off before engaging or disengaging PTO. Constant mesh shift option "M" is shown for this application.
- 3 Ratio gears higher than listed interfere with internal casting.
- 4 Transmission pressure lube port may require straight thread fitting.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (TOP SIDE TURN PAGE)				
	CLT & CLBT 5620, 5860, 5861, 6620, 5961, 5963, 5965, 6061, 6062, 6063, M5600, M5610, M6600, M6610, S5600, S6600 Footnote (2, 3, 4)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								46T 6P 25° PA Spur LOCATION: Rear PLV: 611 FPM			PLMF: .802 RPM: 1,000	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-M2BP	1	Crnk	69					Included	Cable	285	54
	TG8S-U6205-M2BP	1	Crnk	90					Included	Cable	270	51
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


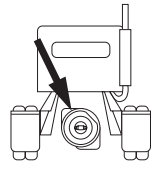
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6205-M2CP		Crnk	64					Included	Lever	500	95
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T39495 — Refer to kit program on page 10 & 11.
 - 2 Engine driven drive gear requires that the engine be turned off before engaging and disengaging PTO. Constant mesh shift option "M" is shown for this application.
 - 3 TG Series and 82 Series ratios greater than the 5 ratio interfere with internal transmission case.
 - 4 Transmission pressure lube port may require straight thread fitting.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ALLISON TRANSMISSION	TOP SIDE ONLY (RIGHT SIDE TURN PAGE)	
CLT & CLBT 5620, 5860, 5861, 6620, 5961, 5963, 5965, 6061, 6062, 6063, M5600, M5610, M6600, M6610, S5600, S6600 Footnote (2, 3)		SAE 8-BOLT OPENING	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-M4BP	1	Opp	69					Included	Cable	285	54
	TG8S-U6205-M4BP	1	Opp	90					Included	Cable	270	51
	TG8S-U6206-M4BP	1	Opp	117					Included	Cable	245	47
	TG8S-U6207-M4BP	1	Opp	139					Included	Cable	230	44
	TG8S-U6208-M4BP	1	Opp	167					Included	Cable	230	44
	TG8S-U6209-M4BP	1	Opp	176					Included	Cable	205	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

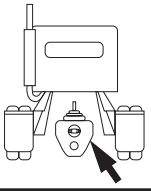

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6205-M4CP		Opp	64					Included	Lever	500	95
	828S-U6208-M4CP		Opp	102					Included	Lever	450	85
	828S-U6210-M4CP		Opp	135					Included	Lever	410	78
1 FWD. 1 REV.												

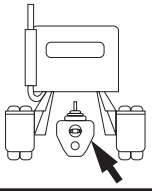



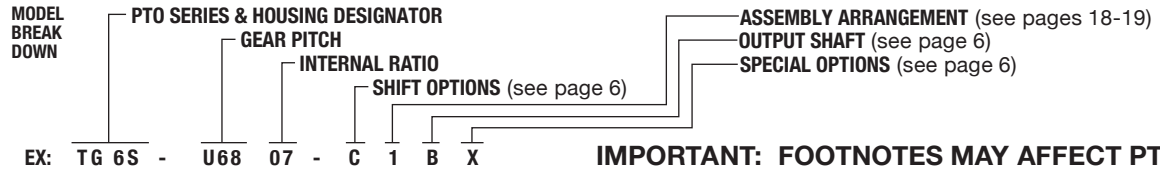
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.
 - 2 Transmission pressure lube port may require straight thread fitting.
 - 3 Engine driven drive gear requires that the engine be turned off before engaging and disengaging PTO. Constant mesh shift option "M" is shown for this application.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)							
	1000***, 2000*** *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) Footnote (1, 2, 3, 10, 11, 12, 14) (HINO Chassis see ALLI-13) (GM or CV Chassis 1700, 2700 see ALLI-15)							SAE 6-BOLT OPENING							
	6-BOLT TYPE			PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER			SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO
MODEL NUMBER	NOTES	ROTATION	HI	LO	REV								TORQUE	HP	
SINGLE GEAR															
SINGLE SPEED MULTI GEAR	TG6B-A6904-Z1BX	4, 8	Crnk	77							Included	Cable	250	48	
	TG6B-A6905-Z1BX	4, 8	Crnk	100							Included	Cable	210	40	
	TG6B-A6906-Z1BX	4, 8	Crnk	131							Included	Cable	160	30	
	TG6B-A6907-Z1BX	4, 8	Crnk	154							Included	Cable	160	30	
SH SERIES															
CLUTCH SHIFT	CS6B-A6703-S1BP	2, 5, 6, 7	Crnk	82							Included	Power	300	57	
	CS6B-A6704-S1BP	2, 5, 6, 7	Crnk	107							Included	Power	250	48	
	CS6B-A6705-S1BP	2, 5, 6, 7	Crnk	117							Included	Power	210	40	
	CS6B-A6707-S1BP	2, 5, 6, 7, 9	Crnk	149							Included	Power	160	30	
1 FWD. 1 REV.															
ADAPTER TO CHANGE ROTATION		13	40TA6855-1 - CS6S only							REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)						
	1000***, 2000*** *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) Footnote (1, 2, 3, 10, 11, 12, 14) (HINO Chassis see ALLI-13) (GM or CV Chassis 1700, 2700 see ALLI-15)							SAE 6-BOLT OPENING						
	6-BOLT TYPE			PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER			SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO
MODEL NUMBER	NOTES	ROTATION	HI	LO	REV								TORQUE	HP
SINGLE SPEED MULTI GEAR														
1 FWD. 1 REV.														



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

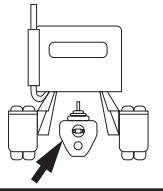
SEE REVERSE SIDE FOR FOOTNOTES

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

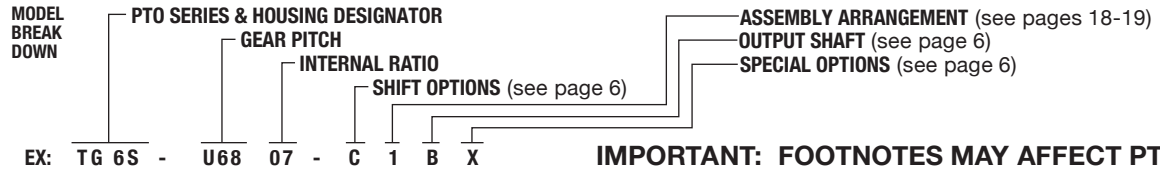
FOOTNOTES FOR APPL# ALLI-09 RIGHT SIDE ONLY:

- 1 PTO speeds shown are with transmission torque converter in lock-up. To obtain lock-up, the PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. Typically the best method is shown in the vehicle's Body Builders information.
- 2 a GM may have a special order option required for PTO operation. 2001 - 2006 RPO "M1F" and "PTO" must be ordered on vehicles 2007 and later RPO "PTO" must be ordered. This option is not available on crew cab.
 - b GM Pick Up Chassis may not be installable.
 - c C/K 1 ton cab-chassis 2001-2009 with gas engine. 2001 & later diesel engine can install CS6B PTO's with PF Series pumps on this opening with RPO "PTO" & RPO "M1F" ordered with vehicle. 2007-2014 add wire harness 34T40692. For 2015 & later add wire harness 34T43471 for "H" shift option, or 34T43466 for "S" shift option.
 - d When using the GM C4500-C8500MY2001-2010 order 34TK4504 harness kit for CS6, for "S" shift use 34TK5172 or 34TK4505 harness kit for TG6 for the GM supplied PTO option.
 - e On C4500 and C5500 Series Top Kick or Kodiak chassis the PTO interferes with exhaust.
 - f On C6500 thru C8500 chassis MY2001-2010 the PTO is installable.
 - g Pressure lubrication on CS Series use 43TK5157 sold separately.
- 3 PTO torque ratings shown are derated to the Transmission drive gear limit of 250 lb.ft. (2 PTO Limit is 200 lb.ft. per opening) (Multiply PTO ratings by .80 when 2 PTOs are used.) Allison Transmission Div. of General Motors has a PTO installation checklist available for this transmission and can be found in the *Sales Tech Data Book* available from an authorized service center.
- 4 TG Series Input Gear #03T38783 - use 23M60270X spacer and 20MKM604 stud kit for installation (included). Refer to kit program on pages 10 & 11. The TG Series requires a special non-standard shift cover. Use Code "Z" for Cable Shift, Code "4" for Air Shift, Code "5" for Elec/Air Shift and Code "6" for Lectra Shift option. Code "9" for Elec/Hyd shift. Pressure lubrication is not required on the TG Series PTO.
- 5 Pressure lubrication tee fittings are ordered separately for 1000, 2000, 2400 Series Transmission P.N. 43TK5157 for pressure lubrication on Clutch Shift PTOs. As an option, remove factory elbow and drill, tap and clean for lube connection. Pressure lubrication is not required on the TG Series PTO.
- 6 If Electric/Hydraulic (H) shift option is chosen for the Clutch Shift PTO then (1) 43T36431 + 43T36445 fittings & (1) 131-2-0001 Installation Kit is required for installation, sold separately. "S" shift option includes built-in solenoid valve and required fittings and hose kit on CS6B only.
- 7 The Muncie Power SPD-1001 Series speed control is available for use with the Clutch Shift Series PTOs only. It is recommended for PTO and equipment protection from overspeeding. Refer to *Allison Tech Data Book* for overspeed protection and PTO enable options provided by the Allison T.C.M.
- 8 The TG Series PTO requires that the transmission drive gear be stopped during the engage or disengage of the PTO. Refer to PTO operator's manual for proper shifting instructions.
- 9 The CS 07 ratio PTO requires the use of a spacer 23M60350 (requiring normal shim procedures) and stud kit 20TK6390 included with PTO.
- 10 Interference to the end cover of the CS can be minimized by use of the CS6G housing option. This option is only available with the "B" or "K" output shaft option.
- 11 INTERNATIONAL® 4300 Series use Shaft High "3" arrangement for this side.
- 12 Isuzu, Nissan, and Mitsubishi use Shaft High "3" arrangement and direct mount pump only. For chassis prior to 2007, use Left Side Opening for 2007 & later chassis.
- 13 40TA6855-1 can be used with CS6S Series PTO only. Use standard stud kit (20TK4418) with this PTO. Check for clearance to frame rail and attached components. Exhaust needs to be rerouted on General Motors chassis. Spacer 23M60165S (included) mounts to transmission side.
- 14 Allison Transmission has redesigned the transmission nameplates for all 1000/2000 and 3000/4000 Product Family transmissions. The new nameplate designs contain only the information essential to the identification of the transmission. The transmission product family is identified by the first two digits of the transmission serial number: Body Builders can find out information on the transmission by using the Allison Extranet to look up the serial number. For access to this service contact Allison.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
1000***, 2000*** *** (EVS, RDS SPS) (MHS, BUS, TRV Optional) Footnote (1, 2, 3, 10, 11, 12, 14, 17, 18) (HINO Chassis see ALLI-13) (GM or CV Chassis 1700, 2700 see ALLI-15)								SAE 6-BOLT OPENING				PTO DRIVE GEAR DATA: 64T 6.86P 20° PA Spur LOCATION: Front PLMF: 1.009 PLV: 2441 FPM RPM: 1,000
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-A6904-Z3BX	4, 8	Crnk	77					Included	Cable	250	48
	TG6B-A6905-Z3BX	4, 8	Crnk	100					Included	Cable	210	40
	TG6B-A6906-Z3BX	4, 8	Crnk	131					Included	Cable	160	30
	TG6B-A6907-Z3BX	4, 8	Crnk	154					Included	Cable	160	30
SH SERIES												
CLUTCH SHIFT	CS6B-A6703-S3BP	2, 5, 6, 7	Crnk	82					Included	Power	300	57
	CS6B-A6704-S3BP	2, 5, 6, 7	Crnk	107					Included	Power	250	48
	CS6B-A6705-S3BP	2, 5, 6, 7	Crnk	117					Included	Power	210	40
	CS6B-A6707-S3BP	2, 5, 6, 7, 9	Crnk	149					Included	Power	160	30
	FA6B-A6706-H3BX	5, 7	Opp	171					Included	Power	100	19
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		13, 16	40TA6830-2, 40TA6855-2				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:


SEE REVERSE SIDE FOR FOOTNOTES

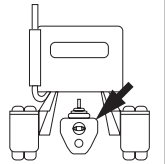
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES FOR APPL# ALLI-09 LEFT SIDE ONLY:

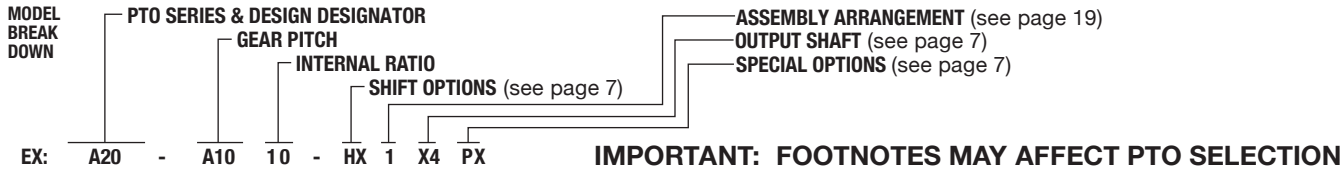
- 1 PTO speeds shown are with transmission torque converter in lock-up. To obtain lock-up the PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. Typically the best method is shown in vehicle's Body Builders information.
- 2 a GM may have a special order option required for PTO operation. 2001-2006 RPO "M1F" & "PTO" must be ordered. On vehicles 2007 & later RPO "PTO" must be ordered. The option is not available on crew cab.
 - b GM Pick Up Chassis may not be installable.
 - c On General Motors 2001-2007 cab-chassis C/K3600 (Silverado/Sierra) the PTO is not installable on this side.
 - d When using the GM C4500-C8500 order 34TK4504 harness kit for CS6 (for "S" shift use 34TK5172) or 34TK4505 harness kit for TG6 for the GM supplied PTO option.
 - e On C4500 and C5500 Series Top Kick or Kodiak chassis the PTO is installable.
 - f On C6500 thru C8500 chassis the PTO is installable.
 - g Pressure lubrication on CS Series use 43TK5157, sold separately.
- 3 PTO torque ratings shown are derated to the Transmission drive gear limit of 250 lb.ft. (2 PTO Limit is 200 lb.ft. per opening) (Multiply PTO ratings by .80 when 2 PTOs are used.) Allison Transmission Div. of General Motors has a PTO installation checklist available for this transmission and can be found in the *Sales Tech Data Book* available from an authorized service center.
- 4 TG Series Input Gear #03T38783 - use 23M60350 spacer and 20MKM604 stud kit for installation (included). Refer to kit program on pages 10 & 11. The TG Series requires a special non-standard shift cover. Use Code "Z" for Cable Shift, Code "4" for Air Shift, Code "5" for Elec/Air Shift and Code "6" for Lectra Shift option. Code "9" for Elec/Hyd shift. Pressure lubrication is not required on the TG Series PTO.
- 5 Pressure lubrication tee fittings are ordered separately for 1000, 2000, 2400 Series Transmission P.N. 43TK5157 for pressure lubrication on Clutch Shift PTOs. As an option, remove factory elbow and drill, tap and clean for lube connection. Pressure lubrication is not required on the TG Series PTO.
- 6 If Electric/Hydraulic (H) shift option is chosen for the Clutch Shift PTO then (1) 43T36431 + 43T36445 fittings & (1) 131-2-0001 Installation Kit is required for installation, sold separately. "S" shift option includes built-in solenoid valve and required fittings and hose kit on CS6B only.
- 7 The Muncie Power SPD-1001 Series speed control is available for use with the Clutch Shift Series PTOs only. It is recommended for PTO and equipment protection from overspeeding. Refer to *Allison Tech Data Book* for overspeed protection and PTO enable options provided by the Allison T.C.M.
- 8 The TG Series PTO requires that the transmission drive gear be stopped during the engage or disengage of the PTO. Refer to PTO operator's manual for proper shifting instructions.
- 9 The CS 07 ratio PTO requires the use of a spacer 23M60350 (requiring normal shim procedures) and stud kit 20TK4360 included with PTO.
- 10 Interference to the end cover of the CS can be minimized by use of the CS6G housing option. This option is only available with the "B" or "K" output shaft option.
- 11 The transmission shift selector is located on this side of the transmission and may interfere with the installation of PTO or components. Contact the vehicle manufacturer for recommendations regarding the movement of this control cable. Ford F-650, F-750 use "1" ass'y PTO.
- 12 Use Right Side Opening on Isuzu, Mitsubishi, Nissan on chassis prior to 2007. On INTERNATIONAL® 4000 Series use Right Side Opening.
- 13 40TA6830-2 adapter uses metric PTO stud kit. Check for clearance to frame rail and other chassis components before using. 40TA6830-2 adapter uses metric PTO stud kit. Check for clearance to frame rail and other chassis components before using.
- 14 Allison Transmission has redesigned the transmission nameplates for all 1000/2000 and 3000/4000 Product Family transmissions. The new nameplate designs contain only the information essential to the identification of the transmission. The transmission product family is identified by the first two digits of the transmission serial number: Body Builders can find out information on the transmission by using the Allison Extranet to look up the serial number. For access to this service contact Allison.
- 15 TG Series code "9" Electric/Hydraulic shift option can be used where transmission shift lever interferes with other shifter types and where vehicles do not have air.
- 16 40TA6855-2 can be used with CS6S Series PTO only. Use standard stud kit (20TK4418) with this PTO. Check for clearance to frame rail and attached components. Spacer 23M60165S (included) mounts to transmission side.
- 17 CS6B: "S" or "N" activation kit includes hose and fittings except the lubrication tee fitting kit which needs to be ordered separately. The "N" shift code is for Shaft High "1" arrangement PTO mounted to this side.
- 18 On the INTERNATIONAL® Terra Star chassis use shaft high "1" arrangement to clear transmission shifter assembly. Chassis exhaust is on the right side of transmission.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								TOP SIDE ONLY (LEFT SIDE TURN PAGE)								
		3000*** SERIES *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) MD-SERIES W/TOP OPENING MD-3060, MD3066, MD3560 Footnote (1, 2, 3, 5)						ALLISON 10-BOLT OPENING PTO DRIVE GEAR DATA: 83T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 2266 FPM RPM: 1,000								
								10-BOLT TYPE		PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO TORQUE HP		INTERMITTENT RATING @ 1,000 RPM of PTO TORQUE HP
CONST. DRIVE MULTI GEAR		CD40-A1007-M1EB		4	Crnk	122	Included	None	None	None	420 80		600 114			
		CONTINUOUS AND INTERMITTENT RATINGS ARE SAME										400 77		N/A N/A		
		A30-A1005-MX5X4BX		7	Crnk	90	Included	None	None	None	None	None	400 77		N/A N/A	
		A30-A1006-MX5X4BX		7	Crnk	104	Included	None	None	None	None	None	400 77		N/A N/A	
		A30-A1007-MX5X4BX		7	Crnk	121	Included	None	None	None	None	None	415 79		N/A N/A	
		A30-A1008-MX5X4BX		7	Crnk	139	Included	None	None	None	None	None	360 69		N/A N/A	
		A30-A1009-MX5X4BX		7	Crnk	149	Included	None	None	None	None	None	340 65		N/A N/A	
		A30-A1010-MX5X4BX		7	Crnk	160	Included	None	None	None	None	None	210 59		N/A N/A	
		A30-A1011-MX5X4BX		7	Crnk	184	Included	None	None	None	None	None	275 52		N/A N/A	
		A30-A1012-MX5X4BX		7	Crnk	198	Included	None	None	None	None	None	265 50		N/A N/A	
A30-A1015-MX5X4BX		7	Crnk	245	Included	None	None	None	None	None	205 39		N/A N/A			
CLUTCH SHIFT MULTI GEAR		CONTINUOUS AND INTERMITTENT RATINGS ARE SAME										400 77		N/A N/A		
		A20-A1005-HX5X4BX		6, 7, 8	Crnk	90	Included	Power	None	None	None	None	400 77		N/A N/A	
		A20-A1006-HX5X4BX		6, 7, 8	Crnk	104	Included	Power	None	None	None	None	400 77		N/A N/A	
		A20-A1007-HX5X4BX		6, 7, 8	Crnk	121	Included	Power	None	None	None	None	415 79		N/A N/A	
		A20-A1008-HX5X4BX		6, 7, 8	Crnk	139	Included	Power	None	None	None	None	360 69		N/A N/A	
		A20-A1009-HX5X4BX		6, 7, 8	Crnk	149	Included	Power	None	None	None	None	340 65		N/A N/A	
		A20-A1010-HX5X4BX		6, 7, 8	Crnk	160	Included	Power	None	None	None	None	310 59		N/A N/A	
		A20-A1011-HX5X4BX		6, 7, 8	Crnk	184	Included	Power	None	None	None	None	275 52		N/A N/A	
		A20-A1012-HX5X4BX		6, 7, 8	Crnk	198	Included	Power	None	None	None	None	265 50		N/A N/A	
		A20-A1015-HX5X4BX		6, 7, 8	Crnk	245	Included	Power	None	None	None	None	205 39		N/A N/A	
CLUTCH SHIFT MULTI GEAR HEAVY DUTY		CS11-A1005-H1CB		6	Crnk	95	Included	Power	None	None	None	350 67		500 95		
		CS11-A1006-H1CB		6	Crnk	107	Included	Power	None	None	None	336 64		480 91		
		CS11-A1007-H1CB		6	Crnk	120	Included	Power	None	None	None	315 61		450 86		
		CS11-A1008-H1CB		6	Crnk	141	Included	Power	None	None	None	294 56		420 80		
		CS11-A1010-H1CB		6	Crnk	157	Included	Power	None	None	None	270 52		385 73		
		CS41-A1007-H1CB		4, 6, 8	Crnk	122	Included	Power	None	None	None	None	420 80		600 114	
		CS41-A1010-H1CB		4, 6, 8	Crnk	175	Included	Power	None	None	None	None	382 72		450 85	
		CS41-A1012-H1CB		4, 6, 8	Crnk	200	Included	Power	None	None	None	None	343 65		395 75	
OPTIONAL REDUCTION GEARBOX																
ADAPTER TO CHANGE ROTATION				No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX								



MODEL BREAK DOWN

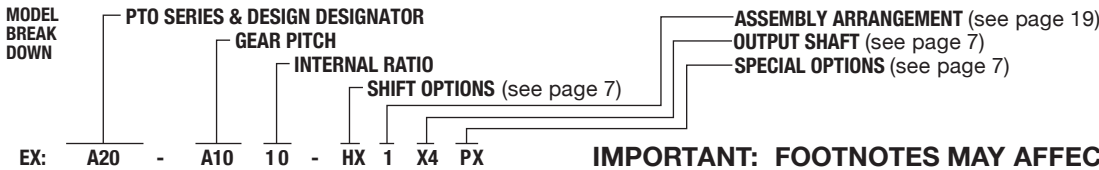


FOOTNOTES:

- This opening is at the 1 o'clock position.
- PTO shown with assembly arrangement with output shaft low and to the rear. The shaft high assembly can be used in chassis with interference with the PTO shown. Direct mount pump applications may have clearance depending on the type of pump used. The shaft high assembly of the PTO may also allow direct mount pump installations. Due to the numerous chassis and engine combinations it is not possible to note all the information here.
- Standard option "X4" (A20 and A30) or "C" (CS11/41) 1410 companion flange outputs shown. Light-duty applications can use the "1X" or "B" output option which will reduce available PTO output torque to 210 lb.ft.
- The torque rating of this PTO is based on the Allison drive rating (for single PTO) of 790 lb.ft. intermittent Fire Pump rating and is shown on this page. Refer to the *Allison Tech Data Book* for more information. The CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire Pump applications to be calculated as shown on page 3. Ratings above the transmission rating are not approved. Based on the PTO rating shown on page 22, the CS41-A1007 is rated to 600 lb.ft. intermittent and 420 lb.ft. continuous when used on this transmission. The CS41-A1010 is rated to 450 lb.ft. continuous/382 lb.ft. intermittent and the CS41-A1012 is 395 lb.ft. continuous/343 lb.ft. intermittent.
- Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
- CS10, CS41, and A20 PTOs in fire pump applications are approved to 4,000 RPM PTO output shaft speed.
- A20 and A30 PTOs have single continuous/intermittent torque rating.
- PTO available with Muncie Start®; SX shift code on A20, 6 special feature on CS40.
- Direct mount pumps may interfere with transmission case depending on the pump.

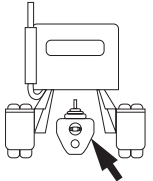

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION							LEFT SIDE ONLY (TOP SIDE TURN PAGE)					
3000*** SERIES *** (EVS, RDS, SPS) (MHS, BUS, TRV Optional) MD-SERIES W/TOP OPENING MD-3060, MD3066, MD3560 Footnotes: (1, 2, 4)							ALLISON 10-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO		
								TORQUE	HP	TORQUE	HP	
CONST. DRIVE MULTI GEAR	CD40-A1007-M3EsX	3	Crnk	122	Included	None	None	420	80	600	114	
									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A30-A1005-MX3X4PX	7	Crnk	92	Included	None	None	400	77	N/A	N/A	
	A30-A1006-MX3X4PX	7	Crnk	104	Included	None	None	400	77	N/A	N/A	
	A30-A1007-MX3X4PX	7	Crnk	121	Included	None	None	415	79	N/A	N/A	
	A30-A1008-MX3X4PX	7	Crnk	139	Included	None	None	360	69	N/A	N/A	
	A30-A1009-MX3X4PX	7	Crnk	149	Included	None	None	340	65	N/A	N/A	
	A30-A1010-MX3X4PX	7	Crnk	160	Included	None	None	310	59	N/A	N/A	
	A30-A1011-MX3X4PX	7	Crnk	184	Included	None	None	275	52	N/A	N/A	
	A30-A1012-MX3X4PX	7	Crnk	198	Included	None	None	265	50	N/A	N/A	
A30-A1012-MX3X4PX	7	Crnk	245	Included	None	None	205	39	N/A	N/A		
CLUTCH SHIFT MULTI GEAR									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1005-HX3X4PX	5, 6, 7, 8	Crnk	90	Included	Power	None	400	77	N/A	N/A	
	A20-A1006-HX3X4PX	5, 6, 7, 8	Crnk	104	Included	Power	None	400	77	N/A	N/A	
	A20-A1007-HX3X4PX	5, 6, 7, 8	Crnk	121	Included	Power	None	415	79	N/A	N/A	
	A20-A1008-HX3X4PX	5, 6, 7, 8	Crnk	139	Included	Power	None	360	69	N/A	N/A	
	A20-A1009-HX3X4PX	5, 6, 7, 8	Crnk	149	Included	Power	None	340	65	N/A	N/A	
	A20-A1010-HX3X4PX	5, 6, 7, 8	Crnk	160	Included	Power	None	310	59	N/A	N/A	
	A20-A1011-HX3X4PX	5, 6, 7, 8	Crnk	184	Included	Power	None	275	52	N/A	N/A	
	A20-A1012-HX3X4PX	5, 6, 7, 8	Crnk	198	Included	Power	None	265	50	N/A	N/A	
	A20-A1015-HX3X4PX	5, 6, 7, 8	Crnk	245	Included	Power	None	205	39	N/A	N/A	
CLUTCH SHIFT MULTI GEAR HEAVY DUTY	CS11-A1005-H3CX	5, 6	Crnk	95	Included	Power	None	350	67	500	95	
	CS11-A1006-H3CX	5, 6	Crnk	107	Included	Power	None	336	64	480	91	
	CS11-A1007-H3CX	5, 6	Crnk	120	Included	Power	None	315	61	450	86	
	CS11-A1008-H3CX	5, 6	Crnk	141	Included	Power	None	294	56	420	80	
	CS11-A1010-H3CX	5, 6	Crnk	157	Included	Power	None	270	52	385	73	
	CS41-A1007-H3CX	3, 5, 6, 8	Crnk	122	Included	Power	None	420	80	600	114	
	CS41-A1010-H3CX	3, 5, 6, 8	Crnk	175	Included	Power	None	382	72	450	85	
CS41-A1012-H3CX	3, 5, 6, 8	Crnk	200	Included	Power	None	343	65	395	75		
OPTIONAL REDUCTION GEARBOX												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

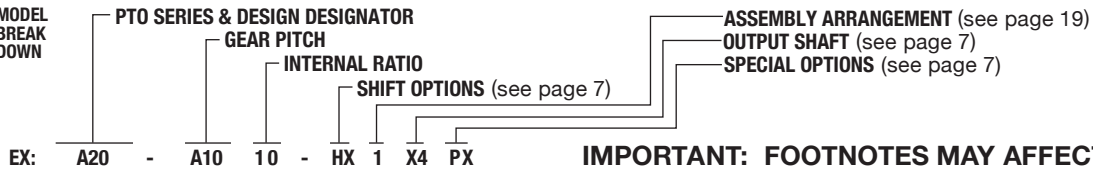


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- PTO shown with assembly arrangement with Output Shaft Low and to the rear. The Shaft High assembly can be used in chassis with interference with the PTO shown. Direct mount pump applications may have clearance depending on the type of pump used. The Shaft High assembly of the PTO may also allow direct mount pump installations. Due to the numerous chassis and engine combinations, it is not possible to note all the information here.
 - Standard option "X4" (A20 and A30) or "C" (CS11/41) 1410 companion flange outputs shown. Light-duty applications can use the "1X" or "B" output option which will reduce available PTO output torque to 210 lb.ft.
 - The torque rating of this PTO is based on the Allison drive rating (for single PTO) of 790 lb.ft. intermittent Fire Pump rating and is shown on this page. Refer to the *Allison Tech Data Book* for more information. The CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire pump applications to be calculated as shown on page 3. Ratings above the transmission rating are not approved. Based on the PTO rating shown on page 22, the CS41-A1007 is rated to 600 lb.ft. intermittent and 420 lb.ft. continuous when used on this transmission. The CS41-A1010 is rated to 450 lb.ft. continuous/382 lb.ft. intermittent and the CS41-A1012 is 395 lb.ft. continuous/343 lb.ft. intermittent.
 - Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
 - Interference to end cover can be minimized by use of remote mount solenoid option. This is specified by ordering the CS11 or CS41 housing option in place of CS10 or CS40, or by using the HR shift code (A20 only).
 - A20, CS10, and CS41 PTOs in fire pump applications are approved to 4,000 RPM PTO output shaft speed.
 - A20 and A30 PTOs have single continuous/intermittent torque rating.
 - PTO available with Muncie Start®; SX shift code on A20, 6 special feature on CS40.

ALLISON TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
 3700, 3700 SPS							ALLISON 10-BOLT OPENING					
							10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION		CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO
									TORQUE	HP	TORQUE	HP
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.	CONST. DRIVE MULTI GEAR	PTO INTERFERENCE										
	CLUTCH SHIFT MULTI GEAR											
	CLUTCH SHIFT MULTI GEAR HEAVY DUTY											
	OPTIONAL REDUCTION GEARBOX											
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					


MODEL BREAK DOWN

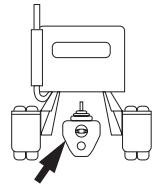


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

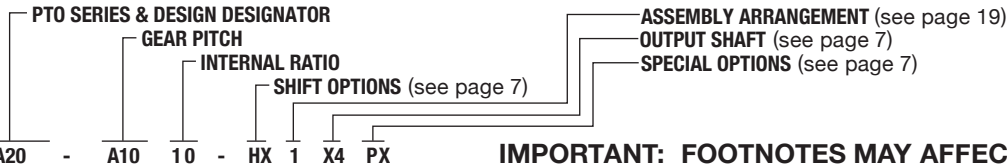
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		3700, 3700 SPS Footnote (1, 2, 4)						ALLISON 10-BOLT OPENING				
								PTO DRIVE GEAR DATA: 68T 10.16P 20PA 19.3 L.H. LOCATION: Front PLMF: 1.775 PLV: 1856 RPM RPM: 1,000				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO		
								TORQUE	HP	TORQUE	HP	
CONST. DRIVE MULTI GEAR	CD40-A1007-M1DX	3	Crnk	100	Included	None	None	420	80	484	92	
									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A30-A1005-MX3X4PX	6	Crnk	74	Included	None	See ALLI-5X	400	77	N/A	N/A	
	A30-A1006-MX3X4PX	6	Crnk	85	Included	None	See ALLI-5X	400	77	N/A	N/A	
	A30-A1007-MX3X4PX	6	Crnk	99	Included	None	See ALLI-5X	415	79	N/A	N/A	
	A30-A1008-MX3X4PX	6	Crnk	114	Included	None	See ALLI-5X	360	69	N/A	N/A	
	A30-A1009-MX3X4PX	6	Crnk	122	Included	None	See ALLI-5X	340	65	N/A	N/A	
	A30-A1010-MX3X4PX	6	Crnk	131	Included	None	See ALLI-5X	310	59	N/A	N/A	
	A30-A1011-MX3X4PX	6	Crnk	151	Included	None	See ALLI-5X	275	52	N/A	N/A	
	A30-A1012-MX3X4PX	6	Crnk	162	Included	None	See ALLI-5X	265	50	N/A	N/A	
A30-A1015-MX3X4PX	8	Crnk	201	Included	None	See ALLI-5X	205	39	265	N/A		
CLUTCH SHIFT MULTI GEAR									CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1005-HX3BBPX	5, 6, 7	Crnk	74	Included	Power	None	400	77	N/A	N/A	
	A20-A1006-HX3BBPX	5, 6, 7	Crnk	85	Included	Power	None	400	77	N/A	N/A	
	A20-A1007-HX3BBPX	5, 6, 7	Crnk	99	Included	Power	None	415	79	N/A	N/A	
	A20-A1008-HX3BBPX	5, 6, 7	Crnk	114	Included	Power	None	360	69	N/A	N/A	
	A20-A1009-HX3BBPX	5, 6, 7	Crnk	122	Included	Power	None	340	65	N/A	N/A	
	A20-A1010-HX3BBPX	5, 6, 7	Crnk	131	Included	Power	None	310	59	N/A	N/A	
	A20-A1011-HX3BBPX	5, 6, 7	Crnk	151	Included	Power	None	275	52	N/A	N/A	
	A20-A1012-HX3BBPX	5, 6, 7	Crnk	162	Included	Power	None	265	50	N/A	N/A	
	A20-A1015-HX3BBPX	5, 6, 7	Crnk	201	Included	Power	None	205	39	N/A	N/A	
CLUTCH SHIFT MULTI GEAR HEAVY DUTY	CS10-A1005-H3DX	3, 5	Crnk	78	Included	Power	None	350	67	500	95	
	CS10-A1006-H3DX	3, 5	Crnk	88	Included	Power	None	336	64	480	91	
	CS10-A1007-H3DX	3, 5	Crnk	98	Included	Power	None	315	61	450	86	
	CS10-A1008-H3DX	3, 5	Crnk	116	Included	Power	None	294	56	420	80	
	CS10-A1010-H3DX	3, 5	Crnk	129	Included	Power	None	270	52	385	73	
	CS40-A1007-H3DX	3, 5	Crnk	100	Included	Power	None	420	80	484	92	
	CS40-A1010-H3DX	3, 5	Crnk	145	Included	Power	None	336	64	336	64	
CS40-A1012-H3DX	3, 5	Crnk	163	Included	Power	None	298	57	298	57		
OPTIONAL REDUCTION GEARBOX												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					



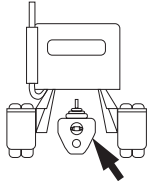

MODEL BREAK DOWN



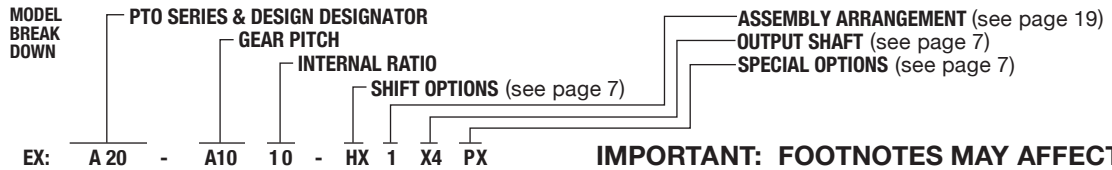
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- PTO shown with assembly arrangement with Output Shaft Low and to the rear. The Shaft High assembly can be used in chassis with interference with the PTO shown. Direct mount pump applications may have clearance depending on the type of pump used. The shaft high assembly of the PTO may also allow direct mount pump installations. Due to the numerous chassis and engine combinations it is not possible to note all the information here.
- Direct mount pump outputs shown due to driveline interference with transfer case. For driveline applications, use "1" arrangement and check chassis/equipment clearance for a drive shaft routed over transfer case. Pump mounts are suggested and the size will depend on chassis/equipment clearance.
- Torque rating of PTO is based on Allison drive rating (for single PTO) of 485 lb.ft. continuous rating and is shown on this page. Refer to *Allison Tech Data Book* for more information. CS41 & CD40 PTO ratings are found on page 22 with continuous ratings for Fire pump applications to be calculated as shown on page 3. Ratings above transmission rating are not approved. Based on PTO rating shown on page 22, the CS41-A1007 is rated to 485 lb.ft. intermittent/420 lb.ft. continuous when used on this transmission. The CS41-A1010 is rated to 336 lb.ft. continuous/intermittent and the CS41-A1012 is 298 lb.ft. continuous/intermittent.
- Connection to Allison "PTO enable" circuit must be made when PTO is engaged. Contact dealer for connection type and location.
- Interference to end cover can be minimized by use of remote mount solenoid option. This is specified by ordering the CS11 or CS41 housing option in place of CS10 or CS40, or by using the HR shift code (A20 only).
- A20 and A30 have single continuous/intermittent torque rating.
- PTO available with Muncie Start®; SX shift code (A20).
- Interference to the end cover can be minimized by use of the version with remote solenoid. Change CS10 to CS11, or CS40 to CS41.

ALLISON TRANSMISSION							REAR OPENING ONLY (LEFT SIDE TURN PAGE)				
		TC-10-TS Footnote (2, 3)					METRIC OPENING				
							PTO DRIVE GEAR DATA:				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO	
								TORQUE	HP	TORQUE	HP
NO PTOs											
MECH. SHIFT											
CLUTCH SHIFT											
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	TC-10-TS						NO OPENING				
							PTO DRIVE GEAR DATA:				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO	
								TORQUE	HP	TORQUE	HP
CONST. DRIVE MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE										
CLUTCH SHIFT MULTI GEAR											
CLUTCH SHIFT MULTI GEAR HEAVY DUTY											
OPTIONAL REDUCTION GEARBOX											

ADAPTER TO CHANGE ROTATION

No Adapter Available

REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

MODEL BREAK DOWN

PTO SERIES & DESIGN DESIGNATOR

GEAR PITCH

INTERNAL RATIO

SHIFT OPTIONS (see page 7)

ASSEMBLY ARRANGEMENT (see page 19)

OUTPUT SHAFT (see page 7)

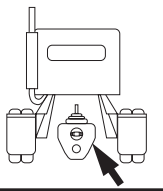

SPECIAL OPTIONS (see page 7)

EX: A 20 - A10 10 - HX 1 X4 PX

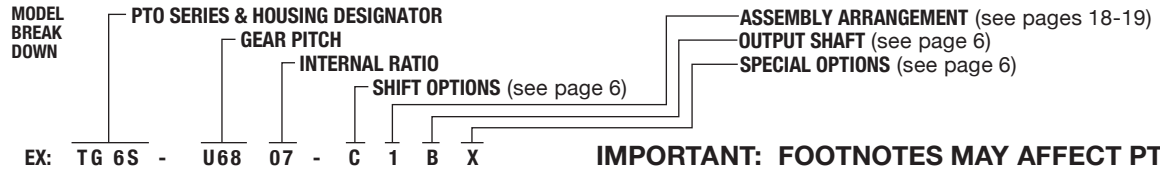
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
								SAE 6-BOLT OPENING				
2000 SERIES HINO CHASSIS MODEL YEAR 2015 & LATER Footnote (1)								PTO DRIVE GEAR DATA: 64T 6.86P 20 PA Spur			LOCATION: Front PLMF: 1.085 PLV: 2441 FPM RPM: 1,000	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-A6703-S1BH	3	Crnk	82					Included	Power	300	57
	CS6B-A6704-S1BH	3	Crnk	107					Included	Power	250	48
	CS6B-A6705-S1BH	3	Crnk	117					Included	Power	210	40
	CS6B-A6707-S1BH	2, 3	Crnk	149					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

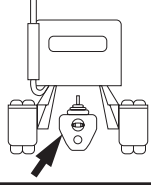



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

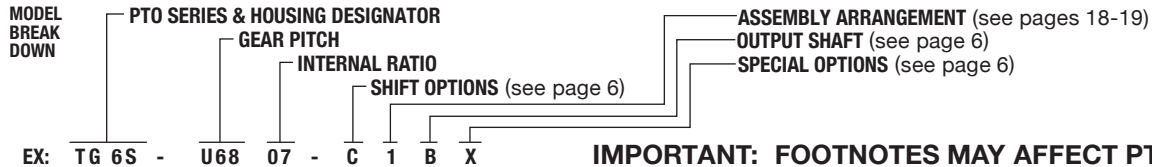
FOOTNOTES:

- PTO speeds shown are with the torque converter in lock-up. To obtain lock-up the PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. This connection is included with the wiring harness provided in this application.
- The CS 07 ratio PTO requires the use of a mounting Spacer 23M60350 (requiring normal shim procedures) and stud kit, included with PTO.
- "H" Special Feature code includes hose and fittings and wiring harness specific for the Hino Chassis. CS6 PTO requires the built-in solenoid "S" shift option.
- Installation/activation kit includes the lube T (43TK5157).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ALLISON 2000 SERIES HINO CHASSIS MODEL YEAR 2015 & LATER Footnote (1)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 64T 6.86P 20 PA Spur LOCATION: Front PLMF: 1.085 PLV: 2441 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-A6703-S1BH	3	Crk	82					Included	Power	300	57
	CS6B-A6704-S1BH	3	Crk	107					Included	Power	250	48
	CS6B-A6705-S1BH	3	Crk	117					Included	Power	210	40
	CS6B-A6707-S1BH	2, 3	Crk	149					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

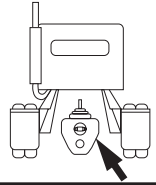


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

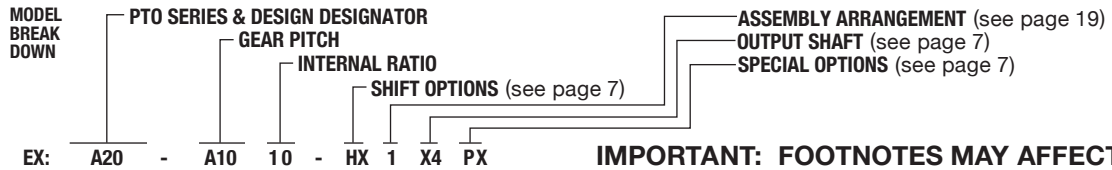
FOOTNOTES:

- PTO speeds shown are with the torque converter in lock-up. To obtain lock-up the PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. This connection is included with the wiring harness provided in this application.
- The CS 07 ratio PTO requires the use of a mounting Spacer 23M60350 (requiring normal shim procedures) and stud kit, included with PTO.
- "H" Special Feature code includes hose and fittings and wiring harness specific for the Hino Chassis. CS6 PTO requires the built-in solenoid "S" shift option.
- "1" arrangement PTO shown due to interference with transmission shifter.
- Installation/activation kit includes the lube T (43TK5157).

ALLISON TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		3000 SERIES HINO CHASSIS MODEL (Model Year 2015 and Later) Footnote (1, 2)					ALLISON 10-BOLT OPENING				
							PTO DRIVE GEAR DATA: 68T 10.16P L.H. LOCATION: Front PLMF: 1.775 PLV: 1856 FPM RPM: 1,000				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO	
								TORQUE	HP	TORQUE	HP
CONST. DRIVE MULTI GEAR											
CLUTCH SHIFT MULTI GEAR	A20-A1005-HH1X4PX	3, 4	Crnk	74	Included	Power	See ALLI-5X	CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1006-HH1X4PX	3, 4	Crnk	85	Included	Power	See ALLI-5X	400	77	N/A	N/A
	A20-A1007-HH1X4PX	3, 4	Crnk	99	Included	Power	See ALLI-5X	400	77	N/A	N/A
	A20-A1008-HH1X4PX	3, 4	Crnk	114	Included	Power	See ALLI-5X	415	79	N/A	N/A
	A20-A1009-HH1X4PX	3, 4	Crnk	122	Included	Power	See ALLI-5X	360	69	N/A	N/A
	A20-A1010-HH1X4PX	3, 4	Crnk	131	Included	Power	See ALLI-5X	340	65	N/A	N/A
	A20-A1011-HH1X4PX	3, 4	Crnk	151	Included	Power	See ALLI-5X	310	59	N/A	N/A
	A20-A1012-HH1X4PX	3, 4	Crnk	162	Included	Power	See ALLI-5X	275	52	N/A	N/A
	A20-A1015-HH1X4PX	3, 4	Crnk	201	Included	Power	See ALLI-5X	265	50	N/A	N/A
CLUTCH SHIFT MULTI GEAR HEAVY DUTY											
OPTIONAL REDUCTION GEARBOX											
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				



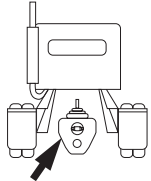

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

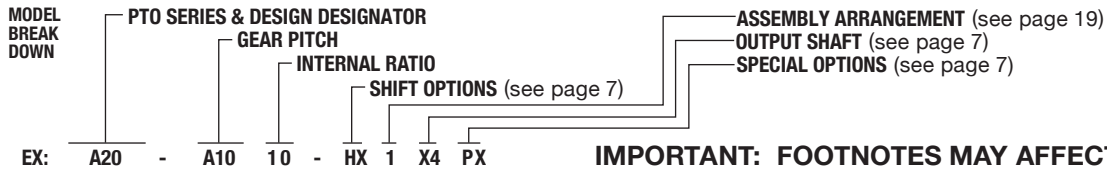


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 PTO shown with assembly arrangement with Output Shaft Low and to the rear.
 - 2 Shift code "HH" includes special activation kit with wiring harness for HINO Chassis.
 - 3 A20 has single continuous/intermittent torque rating.
 - 4 PTO available with Muncie Start®; SX shift code (A20).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 3000 SERIES HINO CHASSIS (Model Year 2015 and Later)							ALLISON 10-BOLT OPENING				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	PTO DRIVE GEAR DATA: 68T 10.16P L.H.		INTERMITTENT RATING @ 1,000 RPM of PTO	
								LOCATION: Front PLV: 1856 FPM	PLMF: 1.775 RPM: 1,000	TORQUE	HP	TORQUE	HP
CONST. DRIVE MULTI GEAR											
CLUTCH SHIFT MULTI GEAR	A20-A1005-HH3X4PX	3, 4	Crnk	74	Included	Power	See ALLI-5X	400	77	N/A	N/A
	A20-A1006-HH3X4PX	3, 4	Crnk	85	Included	Power	See ALLI-5X	400	77	N/A	N/A
	A20-A1007-HH3X4PX	3, 4	Crnk	99	Included	Power	See ALLI-5X	415	79	N/A	N/A
	A20-A1008-HH3X4PX	3, 4	Crnk	114	Included	Power	See ALLI-5X	360	69	N/A	N/A
	A20-A1009-HH3X4PX	3, 4	Crnk	122	Included	Power	See ALLI-5X	340	65	N/A	N/A
	A20-A1010-HH3X4PX	3, 4	Crnk	131	Included	Power	See ALLI-5X	310	59	N/A	N/A
	A20-A1011-HH3X4PX	3, 4	Crnk	151	Included	Power	See ALLI-5X	275	52	N/A	N/A
	A20-A1012-HH3X4PX	3, 4	Crnk	162	Included	Power	See ALLI-5X	265	50	N/A	N/A
	A20-A1015-HH3X4PX	3, 4	Crnk	201	Included	Power	See ALLI-5X	205	39	N/A	N/A
CLUTCH SHIFT MULTI GEAR HEAVY DUTY											
OPTIONAL REDUCTION GEARBOX											
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

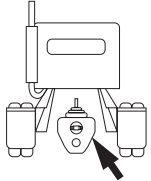



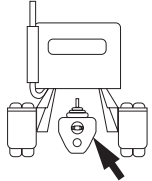

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

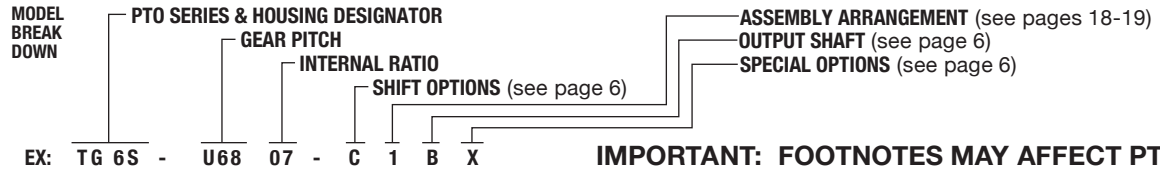
FOOTNOTES:

- 1 PTO shown with assembly arrangement with Output Shaft Low and to the rear.
- 2 Shift code "HH" includes special activation kit with wiring harness for HINO Chassis.
- 3 A20 has single continuous/intermittent torque rating.
- 4 PTO available with Muncie Start®; SX shift code (A20).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)						
	1700, 1750, 2700, 2750 GENERAL MOTORS 2019 4500HD, 5500HD, 6500HD CHASSIS INTERNATIONAL CV™ SERIES CHASSIS Footnote (2, 3)							SAE 6-BOLT OPENING						
	6-BOLT TYPE			PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER			SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO
HI	LO	REV											TORQUE	HP
SINGLE GEAR														
SINGLE SPEED MULTI GEAR														
SH SERIES														
CLUTCH SHIFT														
1 FWD. 1 REV.														
ADAPTER TO CHANGE ROTATION				No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

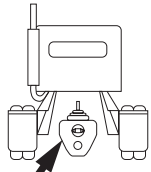

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)						
	1700, 1750, 2700, 2750 GENERAL MOTORS 2019 4500HD, 5500HD, 6500HD CHASSIS INTERNATIONAL CV™ SERIES CHASSIS Footnote (2, 3)							SAE 6-BOLT OPENING						
	6-BOLT TYPE			PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER			SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO
HI	LO	REV											TORQUE	HP
SINGLE SPEED MULTI GEAR														
1 FWD. 1 REV.														



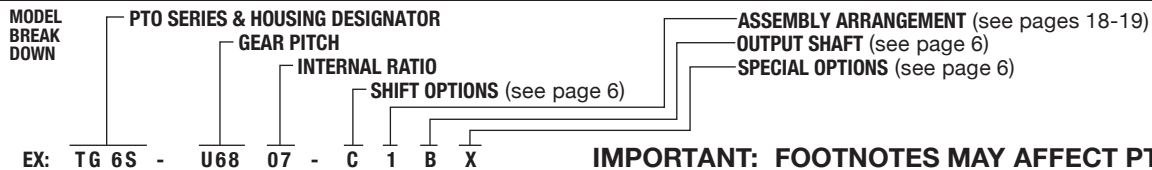
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T38783 – Refer to kit program on pages 10 & 11.
 - PTO speeds shown are with the torque converter in lock-up. To obtain lock-up, PTO must be installed with a connection to the Allison “PTO Enable” circuit and the converter turbine speed must be above 1,100 RPM. This connection is included with the wiring harness kit 34T43466 for the CS6 PTO only, included with “2” shift type. The TG Series cannot use the vehicle supplied PTO switch.
 - For installation of PTO on this side the vehicle, the exhaust must be temporarily removed. Contact chassis dealer or service center for instructions to properly remove and re-install the system. Caution: Installer responsible for heat protection should it be required.
 - TG Series PTOs require that the transmission gear be stopped prior to engaging or disengaging PTO. Refer to PTO operation manual for shifting instructions.
 - CS 07 ratio PTO requires the use of a spacer 23M60350 (requiring normal shim procedures) and stud kit 20TK6390 included with PTO.
 - Installation/activation kit includes the lube T (43TK5157).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 <p style="text-align: center;">1700, 1750, 2700, 2750 GENERAL MOTORS 2019 4500HD, 5500HD, 6500HD CHASSIS INTERNATIONAL CV™ SERIES CHASSIS Footnote (1)</p>								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 64T 6.86P 20 PA SPUR				
				LOCATION: Front	PLMF: 1.009							
				PLV: 2441 FPM	RPM: 1,000							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-A6904-Z3BX	1, 2, 3, 5	Crnk	77					Included	Cable	250	48
	TG6B-A6905-Z3BX	1, 2, 3, 5	Crnk	100					Included	Cable	210	40
	TG6B-A6906-Z3BX	1, 2, 3, 5	Crnk	131					Included	Cable	160	30
	TG6B-A6907-Z3BX	1, 2, 3, 5	Crnk	154					Included	Cable	160	30
SH SERIES												
CLUTCH SHIFT	CS6B-A6703-23BP	2, 5	CRNK	82					Included	Power	300	57
	CS6B-A6704-23BP	2, 5	CRNK	107					Included	Power	250	48
	CS6B-A6705-23BP	2, 5	CRNK	117					Included	Power	210	40
	CS6B-A6707-23BP	2, 4, 5	CRNK	149					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

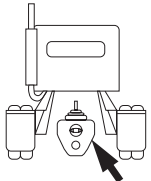



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

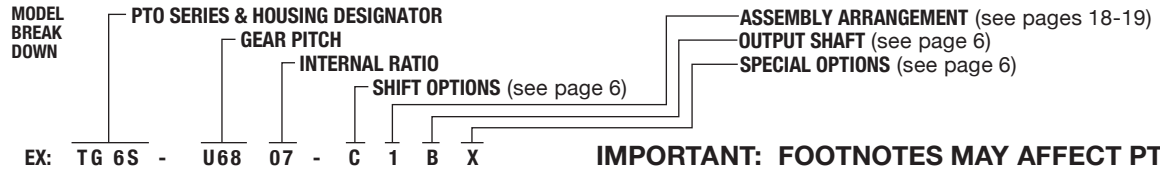
FOOTNOTES:

- 1 TG Series Input Gear: #03T38783 – Refer to kit program on pages 10 & 11.
- 2 PTO speeds shown are with the torque converter in lock-up. To obtain lock-up, PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. This connection is included with the wiring harness kit 34T43466 for the CS6 PTO only, included with "2" shift type. The TG Series cannot use the vehicle supplied PTO switch.
- 3 TG Series PTOs require that the transmission gear be stopped prior to engaging or disengaging PTO. Refer to PTO operation manual for shifting instructions.
- 4 CS 07 ratio PTO requires the use of a spacer 23M60350 (requiring normal shim procedures) and stud kit 20TK6390 included with PTO.
- 5 Available Q2, 2019.
- 6 Installation/activation kit includes the lube T (43TK5157).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		2000 SERIES HINO CHASSIS MODEL YEAR 2021 & LATER Footnote (1)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 64T 6.86P 20 PA Spur LOCATION: Front PLMF: 1.085 PLV: 2441 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-A6703-S1B2	3	Crnk	82					Included	Power	300	57
	CS6B-A6704-S1B2	3	Crnk	107					Included	Power	250	48
	CS6B-A6705-S1B2	3	Crnk	117					Included	Power	210	40
	CS6B-A6707-S1B2	2, 3	Crnk	149					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

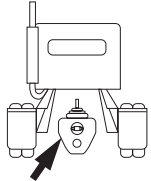



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

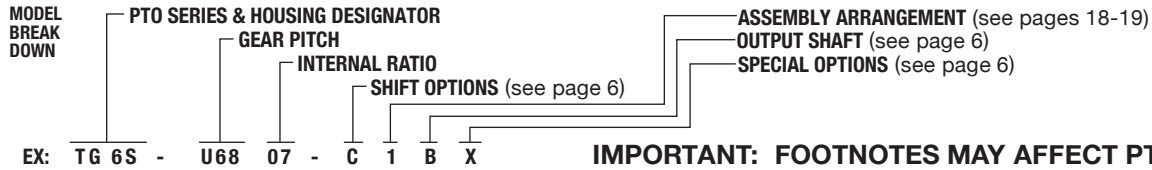
FOOTNOTES:

- 1 PTO speeds shown are with the torque converter in lock-up. To obtain lock-up the PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. This connection is included with the wiring harness provided in this application.
- 2 The CS 07 ratio PTO requires the use of a mounting Spacer 23M60350 (requiring normal shim procedures) and stud kit, included with PTO.
- 3 "2" Special Feature code includes hose and fittings and wiring harness specific for the Hino Chassis. CS6 PTO requires the built-in solenoid "S" shift option.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ALLISON 2000 SERIES HINO CHASSIS MODEL YEAR 2015 & LATER Footnote (1)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 64T 6.86P 20 PA Spur				LOCATION: Front PLMF: 1.085 PLV: 2441 FPM RPM: 1,000
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT	CS6B-A6703-S1B2	3	Crnk	82					Included	Power	300	57
	CS6B-A6704-S1B2	3	Crnk	107					Included	Power	250	48
	CS6B-A6705-S1B2	3	Crnk	117					Included	Power	210	40
	CS6B-A6707-S1B2	2, 3	Crnk	149					Included	Power	160	30
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

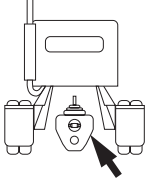

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



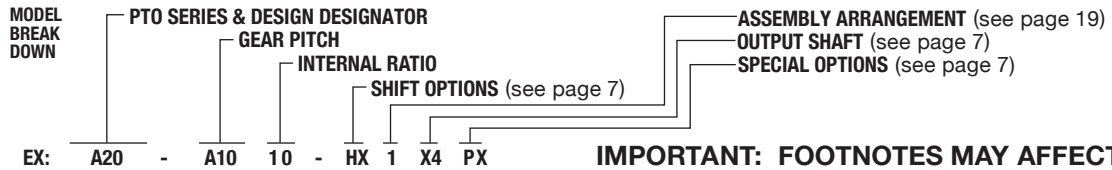
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 PTO speeds shown are with the torque converter in lock-up. To obtain lock-up the PTO must be installed with a connection to the Allison "PTO Enable" circuit and the converter turbine speed must be above 1,100 RPM. This connection is included with the wiring harness provided in this application.
- 2 The CS 07 ratio PTO requires the use of a mounting Spacer 23M60350 (requiring normal shim procedures) and stud kit, included with PTO.
- 3 "2" Special Feature code includes hose and fittings and wiring harness specific for the Hino Chassis. CS6 PTO requires the built-in solenoid "S" shift option.
- 4 "1" arrangement PTO shown due to interference with transmission shifter.

ALLISON TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
 3000 SERIES HINO CHASSIS MODEL (Model Year 2021 and Later) Footnote (1, 2)							ALLISON 10-BOLT OPENING					
							PTO DRIVE GEAR DATA: 68T 10.16P L.H.		LOCATION: Front		PLMF: 1.775	
							PLV: 1856 FPM		RPM: 1,000			
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	CONTINUOUS RATING @ 1,000 RPM of PTO		INTERMITTENT RATING @ 1,000 RPM of PTO		
								TORQUE	HP	TORQUE	HP	
CONST. DRIVE MULTI GEAR												
CLUTCH SHIFT MULTI GEAR	A20-A1005-H21X4PX	3, 4	Crnk	74	Included	Power	See ALLI-5X	400	77	N/A	N/A	
	A20-A1006-H21X4PX	3, 4	Crnk	85	Included	Power	See ALLI-5X	400	77	N/A	N/A	
	A20-A1007-H21X4PX	3, 4	Crnk	99	Included	Power	See ALLI-5X	415	79	N/A	N/A	
	A20-A1008-H21X4PX	3, 4	Crnk	114	Included	Power	See ALLI-5X	360	69	N/A	N/A	
	A20-A1009-H21X4PX	3, 4	Crnk	122	Included	Power	See ALLI-5X	340	65	N/A	N/A	
	A20-A1010-H21X4PX	3, 4	Crnk	131	Included	Power	See ALLI-5X	310	59	N/A	N/A	
	A20-A1011-H21X4PX	3, 4	Crnk	151	Included	Power	See ALLI-5X	275	52	N/A	N/A	
	A20-A1012-H21X4PX	3, 4	Crnk	162	Included	Power	See ALLI-5X	265	50	N/A	N/A	
	A20-A1015-H21X4PX	3, 4	Crnk	201	Included	Power	See ALLI-5X	205	39	N/A	N/A	
CLUTCH SHIFT MULTI GEAR HEAVY DUTY												
OPTIONAL REDUCTION GEARBOX												
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

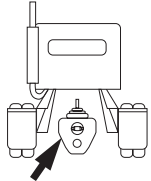

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

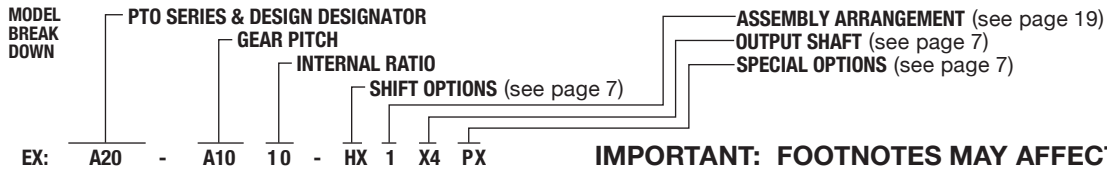


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 PTO shown with assembly arrangement with Output Shaft Low and to the rear.
 - 2 Shift code "H2" includes special activation kit with wiring harness for HINO Chassis.
 - 3 A20 has single continuous/intermittent torque rating.
 - 4 PTO available with Muncie Start®; S2 shift code (A20).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ALLISON TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 3000 SERIES HINO CHASSIS (Model Year 2021 and Later)							ALLISON 10-BOLT OPENING				
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	PTO DRIVE GEAR DATA: 68T 10.16P L.H.		INTERMITTENT RATING @ 1,000 RPM of PTO	
								LOCATION: Front PLV: 1856 FPM	PLMF: 1.775 RPM: 1,000	TORQUE	HP
CONST. DRIVE MULTI GEAR											
CLUTCH SHIFT MULTI GEAR	A20-A1005-H23X4PX	3, 4	Crnk	74	Included	Power	See ALLI-5X	CONTINUOUS AND INTERMITTENT RATINGS ARE SAME			
	A20-A1006-H23X4PX	3, 4	Crnk	85	Included	Power	See ALLI-5X	400	77	N/A	N/A
	A20-A1007-H23X4PX	3, 4	Crnk	99	Included	Power	See ALLI-5X	400	77	N/A	N/A
	A20-A1008-H23X4PX	3, 4	Crnk	114	Included	Power	See ALLI-5X	415	79	N/A	N/A
	A20-A1009-H23X4PX	3, 4	Crnk	122	Included	Power	See ALLI-5X	360	69	N/A	N/A
	A20-A1010-H23X4PX	3, 4	Crnk	131	Included	Power	See ALLI-5X	340	65	N/A	N/A
	A20-A1011-H23X4PX	3, 4	Crnk	151	Included	Power	See ALLI-5X	310	59	N/A	N/A
	A20-A1012-H23X4PX	3, 4	Crnk	162	Included	Power	See ALLI-5X	275	52	N/A	N/A
	A20-A1015-H23X4PX	3, 4	Crnk	201	Included	Power	See ALLI-5X	265	50	N/A	N/A
OPTIONAL REDUCTION GEARBOX											
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

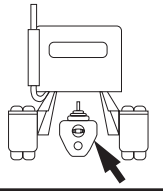



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

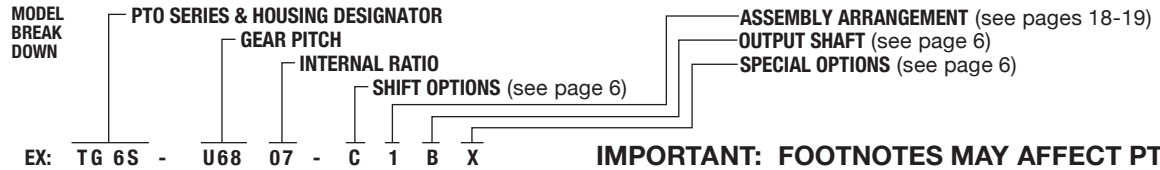
FOOTNOTES:

- 1 PTO shown with assembly arrangement with Output Shaft Low and to the rear.
- 2 Shift code "H2" includes special activation kit with wiring harness for HINO Chassis.
- 3 A20 has single continuous/intermittent torque rating.
- 4 PTO available with Muncie Start®; S2 shift code (A20).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CATERPILLAR TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TH48FT-E80						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
						57T 6P 20° PA Spur LOCATION: Front PLV: 2711 FPM		PLMF: .808 RPM: 1,090				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-M1BP	1, 2	Opp	93					Included	Wire	285	54
	TG8S-U6805-M1BP	1, 2	Opp	122					Included	Wire	270	51
	TG8S-U6806-M1BP	1, 2	Opp	158					Included	Wire	245	47
	TG8S-U6807-M1BP	1, 2	Opp	186					Included	Wire	230	44
	TG8S-U6808-M1BP	1, 2	Opp	228					Included	Wire	230	44
	TG8S-U6809-M1BP	1, 2	Opp	238					Included	Wire	205	39
SH SERIES												
CLUTCH SHIFT	CS8S-U6003-H1BP	3	Opp	85					Included	Power	300	57
	CS8S-U6004-H1BP	3	Opp	114					Included	Power	300	57
	CS8S-U6005-H1BP	3	Opp	122					Included	Power	300	57
	CS8S-U6807-H1BP	3	Opp	182					Included	Power	300	57
	CS8S-U6809-H1BP	3	Opp	225					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-M1CP	2	Opp	86					Included	Lever	500	95
	828S-U6808-M1CP	2	Opp	137					Included	Lever	450	85
	828S-U6810-M1CP	2	Opp	183					Included	Lever	410	78
	828S-U6813-M1CP	2	Opp	243					Included	Lever	375	71
	828S-U6819-M1CP	2	Opp	326					Included	Lever	300	57
	1 FWD. 1 REV.											

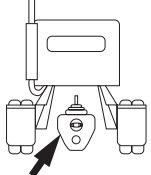



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

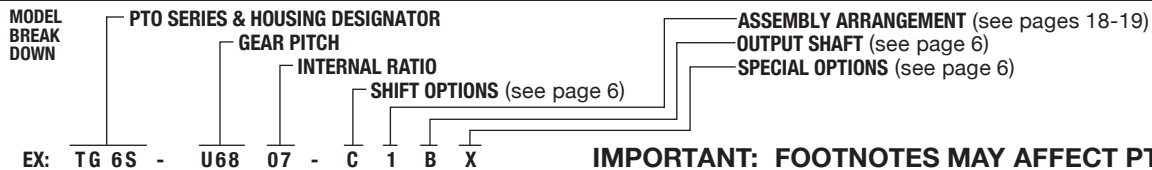
FOOTNOTES:

- 1 TG Series input gear 03T34284
- 2 Transmission drive gear is engine driven and constant mesh PTOs are recommended.
- 3 Hydraulic activation HOSE KIT 131-2-0001 recommended, sold separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CATERPILLAR TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 <div style="text-align: center; margin-top: 20px;">TH48FT-E80</div>								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 57T 6P 20° PA Spur LOCATION: Front PLV: 2711 FPM				PLMF: .808 RPM: 1,090
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-M3BP	1, 2	Opp	93					Included	Wire	285	54
	TG8S-U6805-M3BP	1, 2	Opp	122					Included	Wire	270	51
	TG8S-U6806-M3BP	1, 2	Opp	158					Included	Wire	245	47
	TG8S-U6807-M3BP	1, 2	Opp	186					Included	Wire	230	44
	TG8S-U6808-M3BP	1, 2	Opp	228					Included	Wire	230	44
	TG8S-U6809-M3BP	1, 2	Opp	238					Included	Wire	205	39
SH SERIES												
CLUTCH SHIFT	CS8S-U6003-H3BP	3	Opp	85					Included	Power	300	57
	CS8S-U6004-H3BP	3	Opp	114					Included	Power	300	57
	CS8S-U6005-H3BP	3	Opp	122					Included	Power	300	57
	CS8S-U6807-H3BP	3	Opp	182					Included	Power	300	57
	CS8S-U6809-H3BP	3	Opp	225					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-M3CP	2	Opp	86					Included	Lever	500	95
	828S-U6808-M3CP	2	Opp	137					Included	Lever	450	85
	828S-U6810-M3CP	2	Opp	183					Included	Lever	410	78
	828S-U6813-M3CP	2	Opp	243					Included	Lever	375	71
	828S-U6819-M3CP	2	Opp	326					Included	Lever	300	57
	1 FWD. 1 REV.											

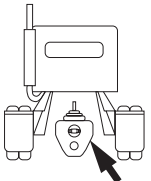



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

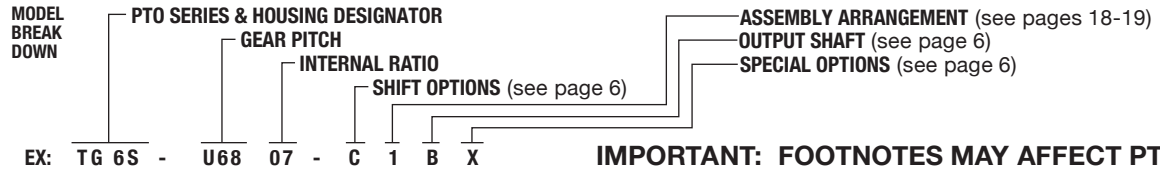
FOOTNOTES:

- 1 TG Series input gear 03T34284
- 2 Transmission drive gear is engine driven and constant mesh PTOs are recommended.
- 3 Hydraulic activation HOSE KIT 131-2-0001 recommended, sold separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CATERPILLAR TRANSMISSION								LOWER-RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TH48FT-E80 (THIS OPENING IS LOWER ON THIS SIDE)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 51T 6P 20° PA Spur LOCATION: Front PLMF: .808 PLV: 2715 FPM RPM: 1,220				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-M1BP	1, 2	Crnk	93					Included	Wire	285	54
	TG8S-U6805-M1BP	1, 2	Crnk	122					Included	Wire	270	51
	TG8S-U6806-M1BP	1, 2	Crnk	158					Included	Wire	245	47
	TG8S-U6807-M1BP	1, 2	Crnk	186					Included	Wire	230	44
	TG8S-U6808-M1BP	1, 2	Crnk	228					Included	Wire	230	44
	TG8S-U6809-M1BP	1, 2	Crnk	239					Included	Wire	205	39
SH SERIES												
CLUTCH SHIFT	CS8S-U6003-H1BP	3	Crnk	85					Included	Power	300	57
	CS8S-U6004-H1BP	3	Crnk	114					Included	Power	300	57
	CS8S-U6005-H1BP	3	Crnk	122					Included	Power	300	57
	CS8S-U6807-H1BP	3	Crnk	182					Included	Power	300	57
	CS8S-U6809-H1BP	3	Crnk	226					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

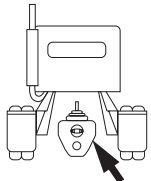

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-M1CP	2	Crnk	86					Included	Lever	500	95
	828S-U6808-M1CP	2	Crnk	137					Included	Lever	450	85
	828S-U6810-M1CP	2	Crnk	183					Included	Lever	410	78
	828S-U6813-M1CP	2	Crnk	243					Included	Lever	375	71
	828S-U6819-M1CP	2	Crnk	326					Included	Lever	300	57
	1 FWD. 1 REV.											



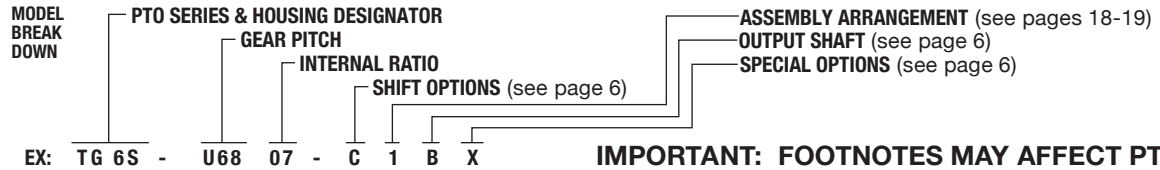
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:	
1	TG Series input gear 03T34284
2	Transmission drive gear is engine driven and constant mesh PTOs are recommended.
3	Hydraulic activation HOSE KIT 131-2-0001 recommended, sold separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CATERPILLAR TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TH55FT-E70 TH55FT-E90						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 75T 6P 20° PA Spur LOCATION: Rear PLV: 2968 FPM					PLMF: .808	RPM: 907
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-M2BP	1, 2	Opp	102					Included	Wire	285	54
	TG8S-U6805-M2BP	1, 2	Opp	133					Included	Wire	270	51
	TG8S-U6806-M2BP	1, 2	Opp	173					Included	Wire	245	47
	TG8S-U6807-M2BP	1, 2	Opp	204					Included	Wire	230	44
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-M2CP	2	Opp	94					Included	Lever	500	95
	828S-U6808-M2CP	2	Opp	150					Included	Lever	450	85
	828S-U6810-M2CP	2	Opp	200					Included	Lever	410	78
1 FWD. 1 REV.												

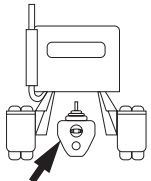



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series input gear 03T34284
- 2 Transmission drive gear is engine driven and constant mesh PTOs are recommended.
- 3 Hydraulic activation HOSE KIT 131-2-0001 recommended, sold separately.

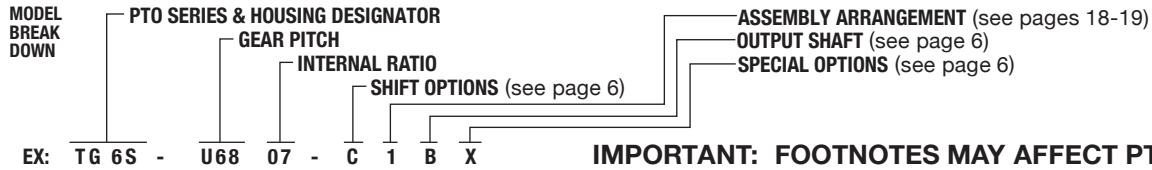
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CATERPILLAR TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> TH55FT-E70 TH55FT-E90 </div>						SAE 8-BOLT OPENING		
						PTO DRIVE GEAR DATA:		
				LOCATION: PLV:	PLMF: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

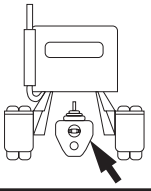

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



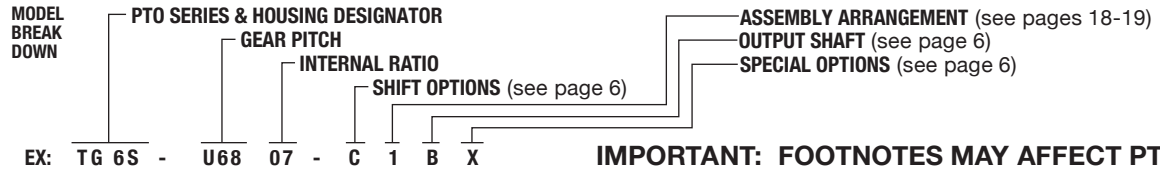
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHELSEA TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	910AK, 911AK, 4700A, 4700H, 4900 SPLIT SHAFT Footnote (2)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			39T 6P 25° Spur			PLMF: .810						
			LOCATION: Front			RPM: 1,000						
			PLV: 1702 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-C1BX	1	Crnk	59					Included	Cable	285	54
	TG8S-U6205-C1BX	1	Crnk	76					Included	Cable	270	51
	TG8S-U6206-C1BX	1	Crnk	99					Included	Cable	245	47
	TG8S-U6207-C1BX	1	Crnk	118					Included	Cable	230	44
	TG8S-U6208-C1BX	1	Crnk	144					Included	Cable	230	44
	TG8S-U6209-C1BX	1	Crnk	150					Included	Cable	205	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6205-L1CX		Crnk	54					Included	Lever	500	95
	828S-U6208-L1CX		Crnk	86					Included	Lever	450	85
	828S-U6210-L1CX		Crnk	115					Included	Lever	410	78
1 FWD. 1 REV.												

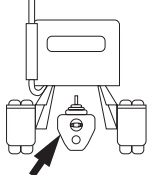



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

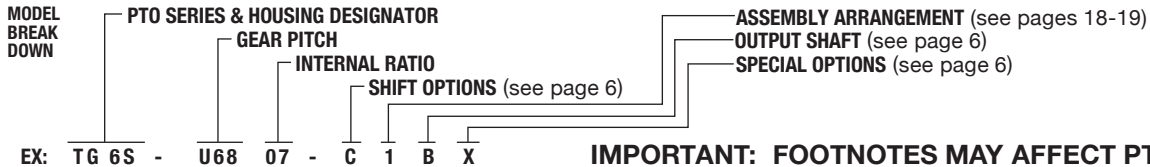
FOOTNOTES:

- 1 TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown with main transmission in direct drive.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHELSEA TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 910AK, 911AK, 4700A, 4700H, 4900 SPLIT SHAFT Footnote (2)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 6P 25° Spur		PLMF: .810		
								LOCATION: Front		RPM: 1,000		
								PLV: 1702 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6204-C3BX	1	Crnk	59					Included	Cable	285	54
	TG8S-U6205-C3BX	1	Crnk	76					Included	Cable	270	51
	TG8S-U6206-C3BX	1	Crnk	99					Included	Cable	245	47
	TG8S-U6207-C3BX	1	Crnk	118					Included	Cable	230	44
	TG8S-U6208-C3BX	1	Crnk	144					Included	Cable	230	44
	TG8S-U6209-C3BX	1	Crnk	150					Included	Cable	205	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6205-L3CX		Crnk	54					Included	Lever	500	95
	828S-U6208-L3CX		Crnk	86					Included	Lever	450	85
	828S-U6210-L3CX		Crnk	115					Included	Lever	410	78
1 FWD. 1 REV.												

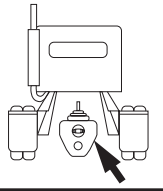



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

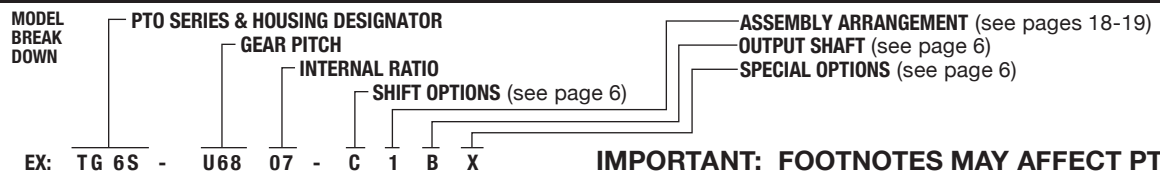
- 1 TG Series Input Gear: #03T39495 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown with main transmission in direct drive.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHELSEA TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 <div style="text-align: center;"> 912AH SPLIT SHAFT Footnote (1) </div>								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 6P 20° Spur	PLMF: .810			
								LOCATION: Front	RPM: 1,000			
								PLV: 1702 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	2, 4	Crnk	59					Included	Cable	285	54
	TG8S-U6805-C1BX	2, 4	Crnk	76					Included	Cable	270	51
	TG8S-U6806-C1BX	2, 4	Crnk	99					Included	Cable	245	47
	TG8S-U6807-C1BX	2, 4	Crnk	117					Included	Cable	230	44
	TG8S-U6808-C1BX	2, 4	Crnk	144					Included	Cable	230	44
	TG8S-U6809-C1BX	2, 4	Crnk	150					Included	Cable	205	39
	TG8S-U6812-C1BH	2, 4	Crnk	184					Included	Cable	210	40
	TG8S-U6813-C1BH	2, 4	Crnk	210					Included	Cable	210	40
	TG8S-U6815-C1BH	2, 4	Crnk	236					Included	Cable	195	37
TG8S-U6818-C1BH	2, 4	Crnk	280					Included	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Crnk	77					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Crnk	113					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Crnk	140					Included	Elec/Air	375	71
CLUTCH SHIFT	CS8S-U6003-E1BX		Crnk	54					Included	Power	300	57
	CS8S-U6004-E1BX		Crnk	70					Included	Power	300	57
	CS8S-U6005-E1BX		Crnk	77					Included	Power	300	57
	CS8S-U6806-E1BX		Crnk	90					Included	Power	300	57
	CS8S-U6807-E1BX	4	Crnk	113					Included	Power	300	57
	CS8S-U6809-E1BX	4	Crnk	140					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	3	Crnk	43		43			Included	Lever	200	38
	RL8S-U6805-L3BX		Crnk	89		89			Included	Lever	200	38

ADAPTER TO CHANGE ROTATION 40TU6886-1 Change PTO arrangement to "2", multiply speed by 1.4 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Crnk	54					Included	Lever	500	95
	828S-U6808-L1CX		Crnk	86					Included	Lever	450	85
	828S-U6809-L1CX		Crnk	106					Included	Lever	410	78
	828S-U6810-L1CX		Crnk	115					Included	Lever	410	78
	828S-U6812-L1CX		Crnk	132					Included	Lever	375	71
	828S-U6813-L1CX		Crnk	153					Included	Lever	375	71
	828S-U6815-L1CX		Crnk	167				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Crnk	205				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

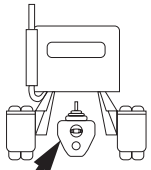



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

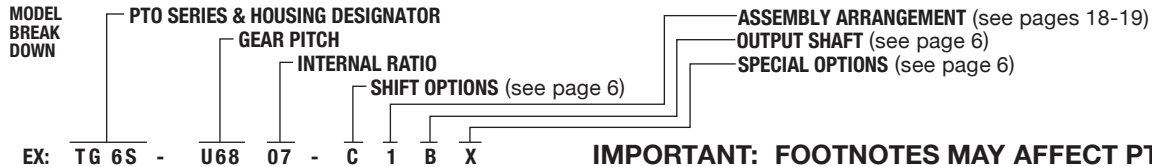
FOOTNOTES:

- 1 Speeds shown with main transmission in direct drive.
- 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 3 RL Series with combined reduction gear box.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHELSEA TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 <div style="text-align: center;"> 912AH SPLIT SHAFT Footnote (1) </div>								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 39T 6P 20° Spur LOCATION: Front PLV: 1702 FPM					PLMF: .810	RPM: 1,000
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C3BX	2, 4	Crnk	59					Included	Cable	285	54
	TG8S-U6805-C3BX	2, 4	Crnk	76					Included	Cable	270	51
	TG8S-U6806-C3BX	2, 4	Crnk	99					Included	Cable	245	47
	TG8S-U6807-C3BX	2, 4	Crnk	117					Included	Cable	230	44
	TG8S-U6808-C3BX	2, 4	Crnk	144					Included	Cable	230	44
	TG8S-U6809-C3BX	2, 4	Crnk	150					Included	Cable	205	39
	TG8S-U6812-C3BH	2, 4	Crnk	184					Included	Cable	210	40
	TG8S-U6813-C3BH	2, 4	Crnk	210					Included	Cable	210	40
	TG8S-U6815-C3BH	2, 4	Crnk	236					Included	Cable	195	37
TG8S-U6818-C3BH	2, 4	Crnk	280					Included	Cable	175	33	
SH SERIES	SH8S-U6005-E3BX		Crnk	77					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Crnk	113					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Crnk	140					Included	Elec/Air	375	71
CLUTCH SHIFT	CS8S-U6003-E3BX		Crnk	54					Included	Power	300	57
	CS8S-U6004-E3BX		Crnk	70					Included	Power	300	57
	CS8S-U6005-E3BX		Crnk	77					Included	Power	300	57
	CS8S-U6806-E3BX		Crnk	90					Included	Power	300	57
	CS8S-U6807-E3BX	4	Crnk	113					Included	Power	300	57
	CS8S-U6809-E3BX	4	Crnk	140					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	3	Crnk	43		43			Included	Lever	200	38
	RL8S-U6805-L3BX		Crnk	89		89			Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TU6886-1 Change PTO arrangement to "2", multiply speed by 1.4					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Crnk	54					Included	Lever	500	95
	828S-U6808-L3CX		Crnk	86					Included	Lever	450	85
	828S-U6809-L3CX		Crnk	106					Included	Lever	410	78
	828S-U6810-L3CX		Crnk	115					Included	Lever	410	78
	828S-U6812-L3CX		Crnk	132					Included	Lever	375	71
	828S-U6813-L3CX		Crnk	153					Included	Lever	375	71
	828S-U6815-L3CX		Crnk	167				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Crnk	205				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

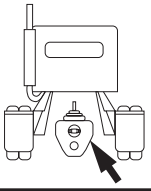



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

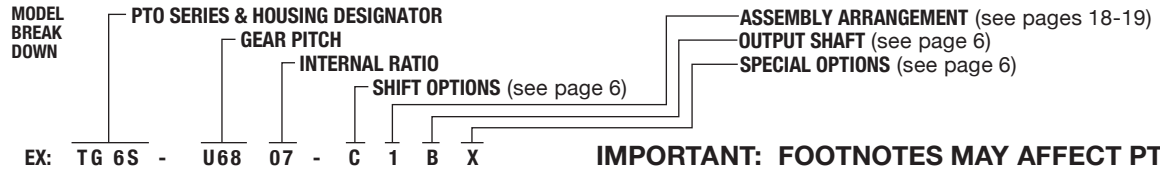
FOOTNOTES:

- 1 Speeds shown with main transmission in direct drive.
- 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 3 RL Series with combined reduction gear box.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHELSEA TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		941 SPLIT SHAFT Footnote (2)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 23T 6P 20° PA Spur LOCATION: Front PLMF: 1.125 PLV: 1004 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 4	Crnk	35					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 4	Crnk	45					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 4	Crnk	58					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 4	Crnk	69					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 4	Crnk	85					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 4	Crnk	88					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 4	Crnk	108					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 4	Crnk	123					Included	Cable	210	40
	TG6S-U6815-C1BH	1, 4	Crnk	139					Included	Cable	195	37
TG6S-U6818-C1BH	1, 4	Crnk	165					Included	Cable	175	33	
SH SERIES	SH6S-U6005-E1BX		Crnk	45					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Crnk	67					Included	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Crnk	83					Included	Elec/Air	375	71
CLUTCH SHIFT	CS6S-U6003-E1BX		Crnk	32					Included	Power	300	57
	CS6S-U6004-E1BX		Crnk	42					Included	Power	300	57
	CS6S-U6005-E1BX		Crnk	45					Included	Power	300	57
	CS6S-U6806-E1BX		Crnk	53					Included	Power	300	57
	CS6S-U6807-E1BX	4	Crnk	67					Included	Power	300	57
	CS6S-U6809-E1BX	4	Crnk	83					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3	Crnk	26		26		23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX		Crnk	52		52		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

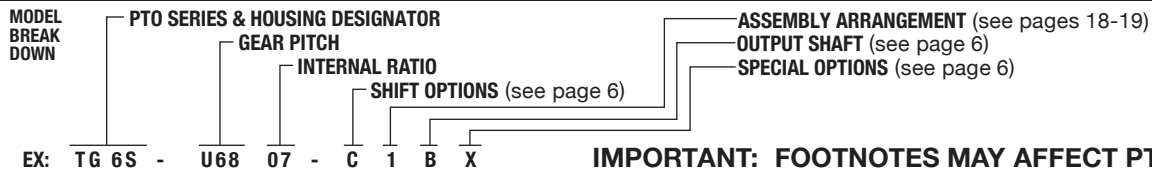
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown with main transmission in direct drive.
- 3 RL Series with combined reduction gear box.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHELSEA TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		941 SPLIT SHAFT Footnote (2)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 23T 6P 20° PA Spur LOCATION: Front PLMF: 1.125 PLV: 1004 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C3BX	1, 4	Crnk	35					Included	Cable	285	54
	TG6S-U6805-C3BX	1, 4	Crnk	45					Included	Cable	270	51
	TG6S-U6806-C3BX	1, 4	Crnk	58					Included	Cable	245	47
	TG6S-U6807-C3BX	1, 4	Crnk	69					Included	Cable	230	44
	TG6S-U6808-C3BX	1, 4	Crnk	85					Included	Cable	230	44
	TG6S-U6809-C3BX	1, 4	Crnk	88					Included	Cable	205	39
	TG6S-U6812-C3BH	1, 4	Crnk	108					Included	Cable	210	40
	TG6S-U6813-C3BH	1, 4	Crnk	123					Included	Cable	210	40
	TG6S-U6815-C3BH	1, 4	Crnk	139					Included	Cable	195	37
	TG6S-U6818-C3BH	1, 4	Crnk	165					Included	Cable	175	33
SH SERIES	SH6S-U6005-E3BX		Crnk	45					Included	Elec/Air	400	76
	SH6S-U6807-E3BX	4	Crnk	67					Included	Elec/Air	400	76
	SH6S-U6809-E3BX	4	Crnk	83					Included	Elec/Air	375	71
CLUTCH SHIFT	CS6S-U6003-E3BX		Crnk	32					Included	Power	300	57
	CS6S-U6004-E3BX		Crnk	42					Included	Power	300	57
	CS6S-U6005-E3BX		Crnk	45					Included	Power	300	57
	CS6S-U6806-E3BX		Crnk	53					Included	Power	300	57
	CS6S-U6807-E3BX	4	Crnk	67					Included	Power	300	57
	CS6S-U6809-E3BX	4	Crnk	83					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	3	Crnk Crnk	26 52		26 52		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

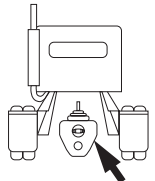



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown with main transmission in direct drive.
- 3 RL Series with combined reduction gear box.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

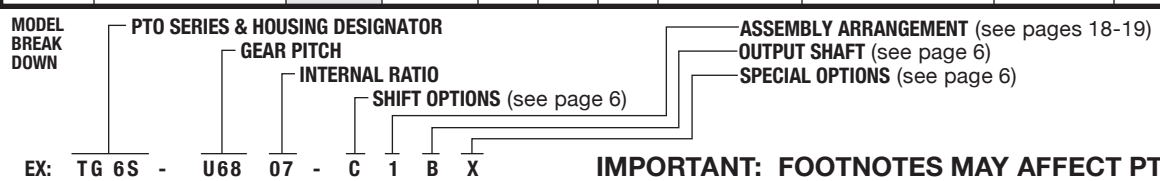
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHEVROLET TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
	CH-465, SM-465 (GMC) Standard 4-Speed for Chevrolet and GMC for 1968-1991 Footnote (3, 4)		SAE 6-BOLT OPENING
	PTO DRIVE GEAR DATA: 36T 7.3449P 20° PA 24° R.H. LOCATION: Rear PLMF: 1.085 PLV: 596 FPM RPM: 425		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G7307-C2BX	1, 3	Opp	41					Included	Cable	230	44
	TG6S-G7308-C2BX	1, 3	Opp	50					Included	Cable	230	44
	TG6S-G7309-C2BX	1, 3	Opp	52					Included	Cable	205	39
	TG6S-G7312-C2BH	1, 3	Opp	64					Included	Cable	210	40
	TG6S-G7313-C2BH	1, 3	Opp	73					Included	Cable	210	40
	TG6S-G7315-C2BH	1, 3	Opp	82					Included	Cable	195	37
	TG6S-G7318-C2BH	1, 3	Opp	98					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

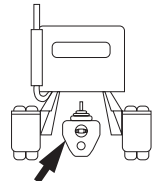

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34325 — Refer to kit program on pages 10 & 11. See #7 for adapter.
 - 2 The 1990 and 1991 Chevy Truck in the C/K chassis has different frame rails — Cab/Chassis with 60" or 80" cab to axle dimension will have straight frame rails and PTOs can be used. All other versions have interference and cannot be used.
 - 3 4x4 vehicles — 1988 and earlier vehicles will have interference on this side.
 - 4 Vehicles prior to 1988 do not require the use of adapter to mount PTO's. Adapter no longer available.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CHEVROLET TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 CH-465, SM-465 (GMC) Standard 4-Speed for Chevrolet and GMC for 1968-1991 Footnote (3, 4, 5)	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 36T 7.3449P 20° PA 24° R.H. LOCATION: Rear PLMF: 1.085 PLV: 596 FPM RPM: 425	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G7307-C4BX	1, 3	Opp	41					Included	Cable	230	44
	TG6S-G7308-C4BX	1, 3	Opp	50					Included	Cable	230	44
	TG6S-G7309-C4BX	1, 3	Opp	52					Included	Cable	205	39
	TG6S-G7312-C4BH	1, 3	Opp	64					Included	Cable	210	40
	TG6S-G7313-C4BH	1, 3	Opp	73					Included	Cable	210	40
	TG6S-G7315-C4BH	1, 3	Opp	82					Included	Cable	195	37
	TG6S-G7318-C4BH	1, 3	Opp	98					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

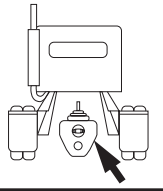

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



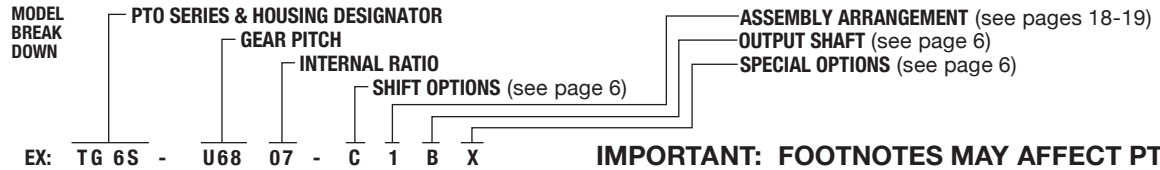
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Shaft High assembly arrangement (#2) requires milled idler cap option (M or Q). — Refer to kit program on pages 10 & 11.
 - 2 TG Series Input Gear: #03T34325 — Refer to kit program on pages 10 & 11. See note #7 for adapter.
 - 3 The 1990 and 1991 Chevy Truck in the C/K chassis has different frame rails — Cab/Chassis with 60" or 80" cab to axle dimension will have straight frame rails and PTOs can be used. All other versions will have interference and cannot be used.
 - 4 4x4 vehicles — 1989-1991 vehicles have drive line interference on this side.
 - 5 4x2 & 4x4 vehicles prior to 1988 can mount PTO's.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

G.M. TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ZF S6-650 2001-2006, 3500 CHASSIS (This chassis requires PTO heat shields and metal hydraulic supply lines. Gas engine applications are limited to the PF series hydraulic pump due to catalytic converter interference.) Footnote (3, 5)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 9.24P 20° PA 36° R.H. LOCATION: Front PLMF: 1.327 PLV: 806 FPM RPM: 590				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G9207-C3TX	1, 2	Opp	57					Included	Cable	230	44
	TG6S-G9208-C3TX	1, 2	Opp	70					Included	Cable	230	44
	TG6S-G9209-C3TX	1, 2	Opp	73					Included	Cable	205	39
	TG6S-G9212-C3TH	1, 2	Opp	90					Included	Cable	210	40
	TG6S-G9213-C3TH	1, 2	Opp	106					Included	Cable	210	40
	TG6S-Z9215-C3TH	2, 4	Opp	108				23M60270	20MK6604	Cable	195	37
	TG6S-Z9218-C3TH	2, 4	Opp	124				23M60270	20MK6604	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

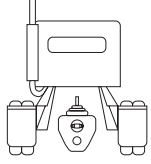

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

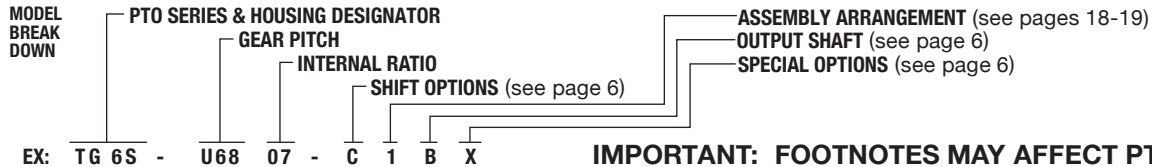
- FOOTNOTES:**
- TG Series Input Gear: #03T37787A — Refer to kit program on pages 10 & 11.
 - Gas engine applications require Shaft High (3 arrangement, shown) and heat shields for installation, use kit #48TK4421. Diesel applications may use Shaft Low (1 arrangement). Direct mount pump use "T" hydraulic option and PF4-xxx-16ASCL series pump due to exhaust interference.
 - This transmission requires the use of Dexron type synthetic transmission oil, refer to vehicle operator's manual for specifications. This application is designed for intermittent duty applications. For continuous duty applications, add the pressure lube option to the PTO and use lube pump kit 43MK8205, sold separately.
 - TG Series Input Gear: #03T37260A — Refer to kit program on pages 10 & 11.
 - 2001-2006 Diesel applications have adequate clearance for "1" arrangement PTO and "S" direct mount pump option. Heat shield kit is not required on diesel. Use optional throttle connection kit, 48TK4461 for GM Siverado/Sierra, not supplied.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

G.M. TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
	ZF S6-650			SAE 6-BOLT OPENING		
	2001-2006, 3500 Cab Chassis this side is limited to 4x2 and uses application Page ZEDF-4			PTO DRIVE GEAR DATA:		
		LOCATION: PLV:	PLMF: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION										REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX		

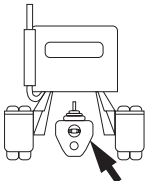

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

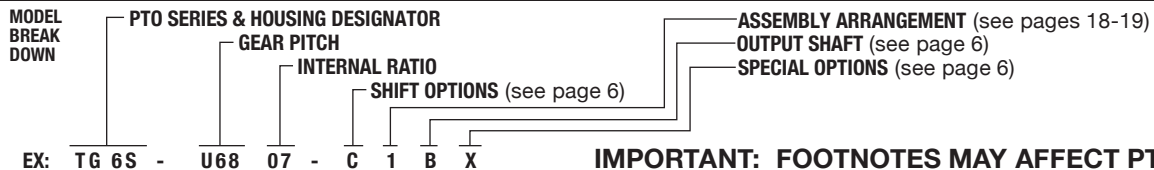
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

G. M. TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 ALLISON 1000 SERIES 2001 and Later, 3500 Cab Chassis (C/K3600) Footnote (1)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								64T 6.86P 20° PA Spur			LOCATION: Front	
								PLV: 2441 FPM			PLMF: 1.009	
								RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

USE ALLI-9 APPLICATION PAGE

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

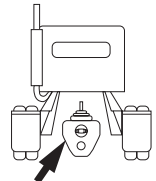



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 USE APPLICATION ALLI-9

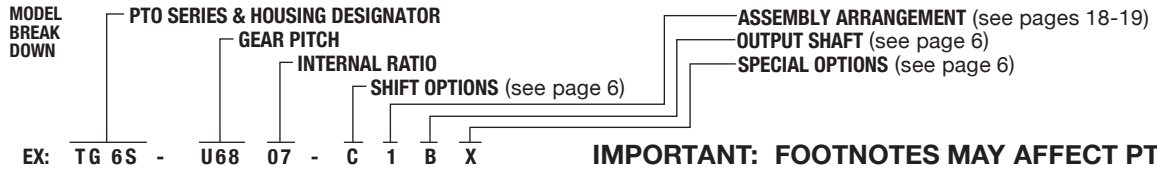
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

G. M. TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 ALLISON 1000 SERIES 2001 and Later, 3500 Cab Chassis (C/K3600) Footnote (1)						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

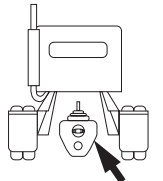


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 Mounting limited to the right side opening only, due to floorboard interference.

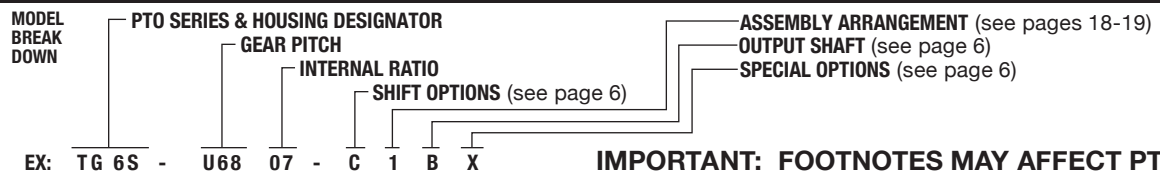
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	280-V This application for transmissions produced after 11/1/68 with case #230790	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 40T 7.6168NP 18°29'22"PA 23°12'57" R.H. LOCATION: Front PLMF: .945 PLV: 682 FPM RPM: 456	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7606-C1BX	1, 2	Opp	40				23M60140S	20MK6602	Cable	245	47
	TG6S-C7607-C1BX	1, 2	Opp	47				23M60140S	20MK6602	Cable	230	44
	TG6S-C7608-C1BX	1, 2	Opp	57				23M60140S	20MK6602	Cable	230	44
	TG6S-C7609-C1BX	1, 2	Opp	60				23M60140S	20MK6602	Cable	205	39
	TG6S-C7612-C1BH	1, 2	Opp	74				23M60140S	20MK6602	Cable	210	40
	TG6S-C7613-C1BH	1, 2	Opp	84				23M60140S	20MK6602	Cable	210	40
	TG6S-C7615-C1BH	1, 2	Opp	95				23M60140S	20MK6602	Cable	195	37
	TG6S-C7618-C1BH	1, 2	Opp	112				23M60140S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

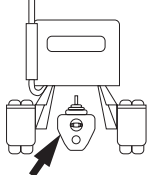



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

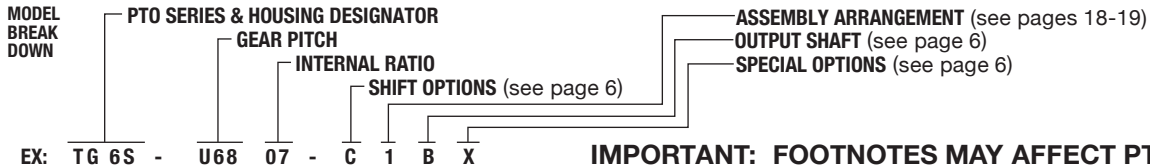
FOOTNOTES:

- To reverse rotation use RG6D-C7613-L1BX and order to be locked up to turn crank rotation.
- TG Series Input Gear: #03T34455 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		280-V This application for transmissions produced after 11/1/68 with case #230790						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								20T 6/8P 20° PA Spur LOCATION: Rear PLMF: 1.085 PLV: 378 FPM RPM: 433				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6812-C4BH	1	Crnk	37				23M60200S	20MK6603	Cable	210	40
	TG6D-S6813-C4BH	1	Crnk	43				23M60200S	20MK6603	Cable	210	40
	TG6D-S6815-C4BH	1	Crnk	48				23M60200S	20MK6603	Cable	195	37
	TG6D-S6818-C4BH	1	Crnk	57				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		40TU6810-1 + 23M60032S						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

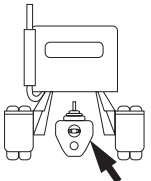



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

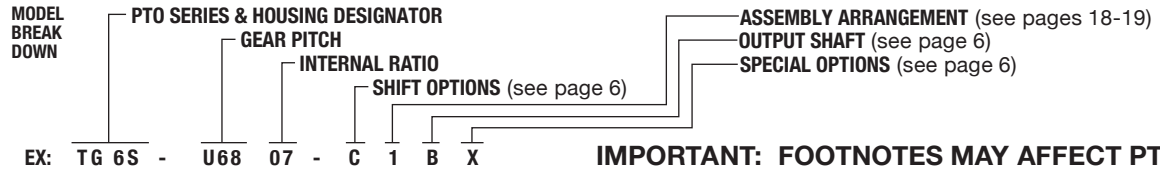
FOOTNOTES:

1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		280-VO This application for transmissions produced after 11/1/68 with case #230790						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 46T 7.6168NP 18°29'22"PA 23°12'57" R.H. LOCATION: Front PLMF: .525 PLV: 982 FPM RPM: 571				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7605-C1BX	1	Opp	44				23M60550	20MK6607	Cable	270	51
	TG6S-C7606-C1BX	1	Opp	58				23M60550	20MK6607	Cable	245	47
	TG6S-C7607-C1BX	1	Opp	68				23M60550	20MK6607	Cable	230	44
	TG6S-C7608-C1BX	1	Opp	82				23M60550	20MK6607	Cable	230	44
	TG6S-C7609-C1BX	1	Opp	86				23M60550	20MK6607	Cable	205	39
	TG6S-C7612-C1BH	1	Opp	106				23M60550	20MK6607	Cable	210	40
	TG6S-C7613-C1BH	1	Opp	120				23M60550	20MK6607	Cable	210	40
	TG6S-C7615-C1BH	1	Opp	136				23M60550	20MK6607	Cable	195	37
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

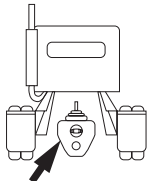



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

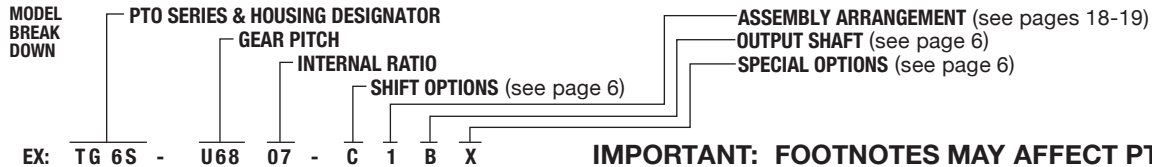
FOOTNOTES:

1 TG Series Input Gear: #03T34455 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		280-VO This application for transmissions produced after 11/1/68 with case #230790						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								20T 6/8P 20° PA Spur LOCATION: Rear PLMF: 1.085 PLV: 473 FPM RPM: 542				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6809-C4BX	1	Crnk	39				23M60200S	20MK6603	Cable	205	39
	TG6D-S6812-C4BH	1	Crnk	48				23M60200S	20MK6603	Cable	210	40
	TG6D-S6813-C4BH	1	Crnk	55				23M60200S	20MK6603	Cable	210	40
	TG6D-S6815-C4BH	1	Crnk	61				23M60200S	20MK6603	Cable	195	37
	TG6D-S6818-C4BH	1	Crnk	72				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

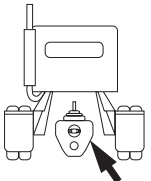



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

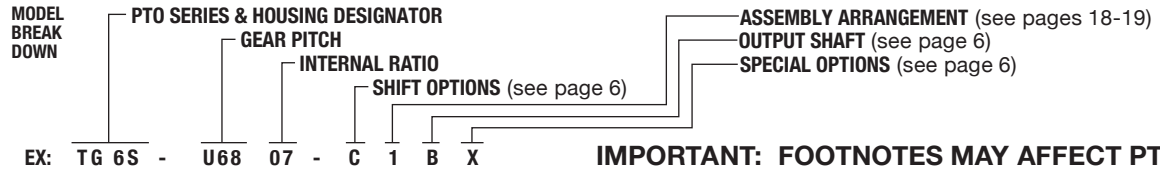
FOOTNOTES:

1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	282V, 282VHD This application for transmissions produced after 11/1/68 with case #230790							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								42T 7.6168NP 18°29'22"PA 23°12'57" R.H. LOCATION: Front PLMF: .753 PLV: 768 FPM RPM: 489				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7606-C1BX	1	Opp	45				23M60350	20MK6605	Cable	245	47
	TG6S-C7607-C1BX	1	Opp	53				23M60350	20MK6605	Cable	230	44
	TG6S-C7608-C1BX	1	Opp	65				23M60350	20MK6605	Cable	230	44
	TG6S-C7609-C1BX	1	Opp	68				23M60350	20MK6605	Cable	205	39
	TG6S-C7612-C1BH	1	Opp	84				23M60350	20MK6605	Cable	210	40
	TG6S-C7613-C1BH	1	Opp	95				23M60350	20MK6605	Cable	210	40
	TG6S-C7615-C1BH	1	Opp	107				23M60350	20MK6605	Cable	195	37
	TG6S-C7618-C1BH	1	Opp	126				23M60350	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

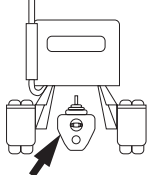



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

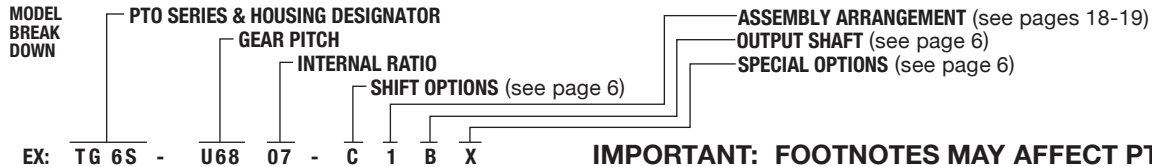
FOOTNOTES:

1 TG Series Input Gear: #03T34455 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		282V, 282VHD This application for transmissions produced after 11/1/68 with case #230790						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 20T 6/8P 20° PA Spur LOCATION: Rear PLMF: 1.085 PLV: 405 FPM RPM: 464				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6812-C4BH	1	Crnk	41				23M60200S	20MK6603	Cable	210	40
	TG6D-S6813-C4BH	1	Crnk	46				23M60200S	20MK6603	Cable	210	40
	TG6D-S6815-C4BH	1	Crnk	52				23M60200S	20MK6603	Cable	195	37
	TG6D-S6818-C4BH	1	Crnk	62				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

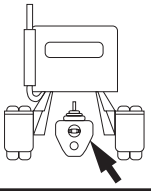



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

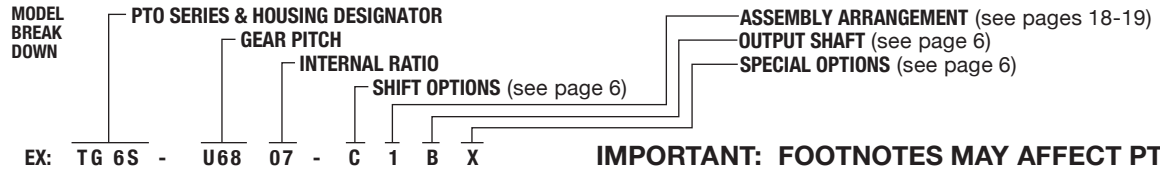
FOOTNOTES:

1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	285V, 285VHD This application for transmissions produced after 11/1/68 with case #230790							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 7.6168NP 18°29'22"PA 23°12'57" R.H.				
								LOCATION: Front			PLMF: 1.025	
								PLV: 713 FPM			RPM: 489	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7606-C1BX	1	Opp	42				23M60062S	Included	Cable	245	47
	TG6S-C7607-C1BX	1	Opp	49				23M60062S	Included	Cable	230	44
	TG6S-C7608-C1BX	1	Opp	60				23M60062S	Included	Cable	230	44
	TG6S-C7609-C1BX	1	Opp	63				23M60062S	Included	Cable	205	39
	TG6S-C7612-C1BH	1	Opp	77				23M60062S	Included	Cable	210	40
	TG6S-C7613-C1BH	1	Opp	88				23M60062S	Included	Cable	210	40
	TG6S-C7615-C1BH	1	Opp	99				23M60062S	Included	Cable	195	37
	TG6S-C7618-C1BH	1	Opp	117				23M60062S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

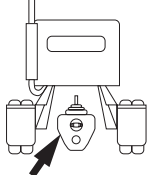



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

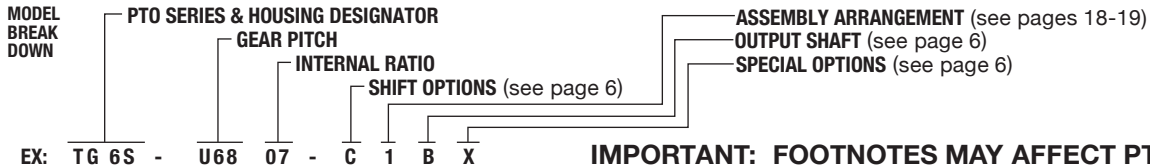
FOOTNOTES:

1 TG Series Input Gear: #03T34455 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CLARK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		285V, 285VHD This application for transmissions produced after 11/1/68 with case #230790						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								20T 6/8P 20° PA Spur LOCATION: Rear PLMF: 1.085 PLV: 405 FPM RPM: 464				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6812-C4BH	1	Crnk	41				23M60200S	20MK6603	Cable	210	40
	TG6D-S6813-C4BH	1	Crnk	46				23M60200S	20MK6603	Cable	210	40
	TG6D-S6815-C4BH	1	Crnk	52				23M60200S	20MK6603	Cable	195	37
	TG6D-S6818-C4BH	1	Crnk	62				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		40TU6810-1 + 23M60032S						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

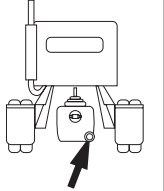

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

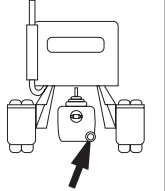



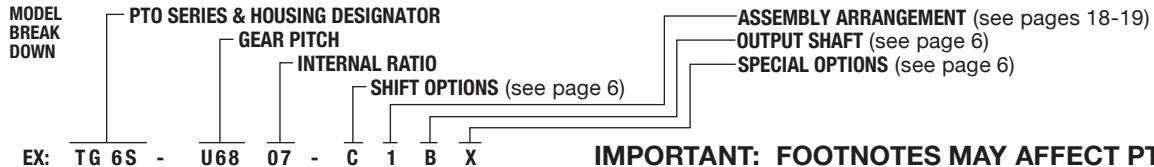
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION								REAR SIDE ONLY (LEFT SIDE TURN PAGE)					
	DT-12-****-DH8, DT-12-****-OH8 (OVERDRIVE) (**** INPUT TORQUE RATING) FORMERLY DT12-DB, DT12-OB (OVERDRIVE) FOOTNOTE (2, 3, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 3						METRIC OPENING						
							PTO DRIVE GEAR DATA:						
6-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE % HI LO REV			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO TORQUE HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR		RS6S-P89M1-P1PX RS6S-P89M2-P1PX RS6S-P89M3-P1PX	1,2,3,4,5,6 1,2,3,4,5,6 1,2,3,4,5,6	CRNK CRNK CRNK	79 107 148			601K6930000 601K6930000 601K6930000			Elec/Air Elec/Air Elec/Air	317 317 317	60 60 60
SH SERIES													
CLUTCH SHIFT													
1 FWD. 1 REV.													
ADAPTER TO CHANGE ROTATION			No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

DETROIT DIESEL TRANSMISSION								REAR SIDE ONLY (LEFT SIDE TURN PAGE)					
	DT-12-****-DH8, DT-12-****-OH8 (OVERDRIVE) (**** INPUT TORQUE RATING) FORMERLY DT12-DB, DT12-OB (OVERDRIVE) FOOTNOTE (2, 3, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 3						METRIC OPENING						
							PTO DRIVE GEAR DATA:						
8-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE % HI LO REV			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO TORQUE HP	
SINGLE SPEED MULTI GEAR													
1 FWD. 1 REV.													

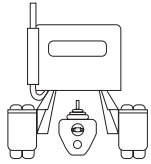



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- PTO output shaft speed show with transmission in LO Range. For HI Range multiply speed shown by 1.27.
- For OVERDRIVE transmissions, multiply output speed percent by 1.28.
- PTO sold without activation components. PTO activation is through chassis optional activation system. Order code 362-822 (Driveline applications) or 362-825 (Hydraulic pump application) from Dealer at time of vehicle order.
- PTO shown with SAE-BB hydraulic drive output. 1410 companion flange change code to "D" output option.
- Optional 1:2 reduction gearbox is available for mount to the "P" output option. GB1P-205-125A, sold separately. Multiply resultant output shaft ratio by .50 for applicable output shaft speed. The GB1P has 1¼ round, 5/16" keyed output shaft. Output shaft rotation changes to Opposite.
- Direct mount pumps or direct mount components are limited to 29.5 lb.ft. bending moment at PTO pad. Contact Muncie Power should you need assistance calculating this value. Direct mount hydraulic pumps require metric hardware to mount pump.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION				LEFT SIDE ONLY (REAR OPENING TURN PAGE)		
	DT-12-****-DH8, DT-12-****-OH8 (OVERDRIVE) (**** INPUT TORQUE RATING) FORMERLY DT12-DB, DT12-OB (OVERDRIVE) FOOTNOTE (2, 3, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 3			METRIC OPENING		
				PTO DRIVE GEAR DATA:		
		LOCATION:	PLMF:			
		PLV:	RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

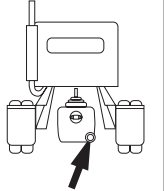

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



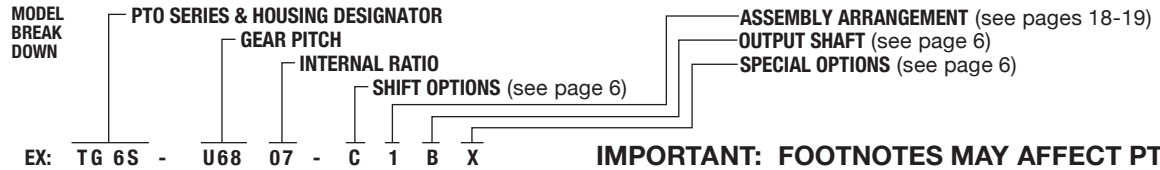
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION								REAR SIDE ONLY (LEFT SIDE TURN PAGE)				
		DT-12-****-DH1 DT-12-****-OH1 (OVERDRIVE) (**** INPUT TORQUE RATING) FORMERLY DT12-DA, DT12-OA (OVERDRIVE) FOOTNOTE (2, 3, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 3						METRIC OPENING				
								PTO DRIVE GEAR DATA:				
		LOCATION:		PLMF:		RPM:		810				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS6S-P89M1-P1PX	1,2,3,4,5,6	CRNK	79			601K6950000			Elec/Air	317	60
	RS6S-P89M2-P1PX	1,2,3,4,5,6	CRNK	107			601K6950000			Elec/Air	317	60
	RS6S-P89M3-P1PX	1,2,3,4,5,6	CRNK	148			601K6950000			Elec/Air	317	60
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


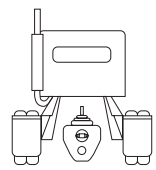
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 PTO output shaft speed show with transmission in LO Range. For HI Range multiply speed shown by 1.27.
 - 2 For OVERDRIVE transmissions, multiply output speed percent by 1.28.
 - 3 PTO sold without activation components. PTO activation is through chassis optional activation system. Order code 362-822 (Driveline applications) or 362-825 (Hydraulic pump application) from Dealer at time of vehicle order.
 - 4 PTO shown with SAE-BB hydraulic drive output. 1410 companion flange change code to "D" output option.
 - 5 Optional 1:2 reduction gearbox is available for mount to the "P" output option. GB1P-205-125A, sold separately. Multiply resultant output shaft ratio by .50 for applicable output shaft speed. The GB1P has 1¼ round, 5/16" keyed output shaft. Output shaft rotation changes to Opposite.
 6. Direct mount pumps or direct mount components are limited to 29.5 lb.ft. bending moment at PTO pad. Contact Muncie Power should you need assistance calculating this value. Direct mount hydraulic pumps require metric hardware to mount pump.

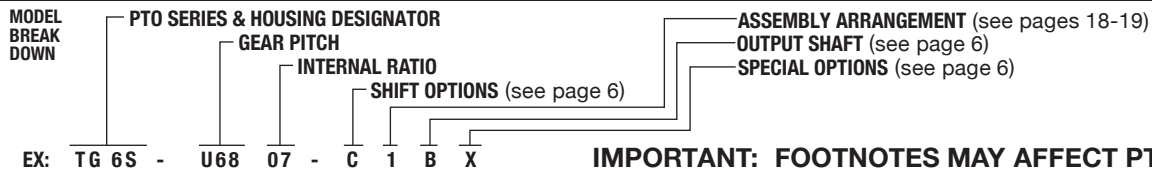
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	DETROIT DIESEL TRANSMISSION DT-12-****-DH1 DT-12-****-OH1 (OVERDRIVE) (**** INPUT TORQUE RATING) FORMERLY DT12-DA, DT12-OA (OVERDRIVE) FOOTNOTE (2, 3, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 3	LEFT SIDE ONLY (REAR OPENING TURN PAGE)	
		METRIC OPENING	
		PTO DRIVE GEAR DATA:	
		LOCATION:	PLMF:
		PLV:	RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

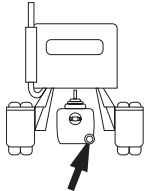

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



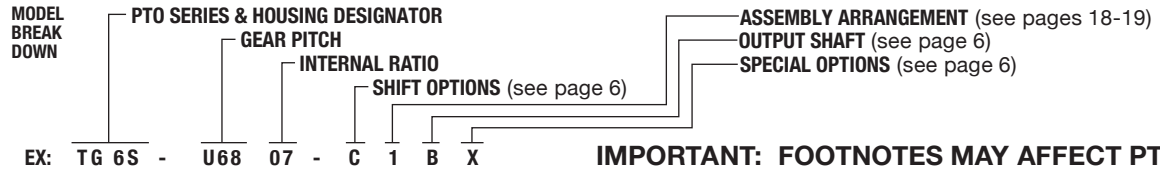
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION								REAR SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	DT12-OC, DT12-OHE, DT12-OV FOOTNOTE (1, 2, 3, 4, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 2							METRIC OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS6S-P89M1-P1PX	1,2,3,4	CRNK	92			601K6950000			Elec/Air	317	60
	RS6S-P89M2-P1PX	1,2,3,4	CRNK	125			601K6950000			Elec/Air	317	60
	RS6S-P89M3-P1PX	1,2,3,4	CRNK	174			601K6950000			Elec/Air	317	60
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

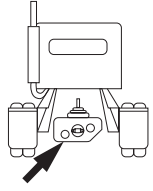

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



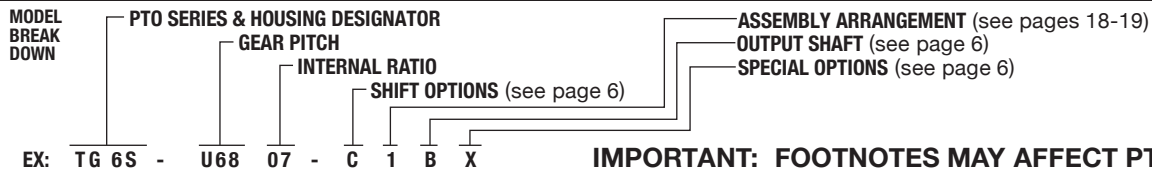
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 PTO output shaft speed show with transmission in LO Range. For HI Range multiply speed shown by 1.27.
 - 2 PTO sold without activation components. PTO activation is through chassis optional activation system. Order code 362-822 (Driveline applications) or 362-825 (Hydraulic pump application) from Dealer at time of vehicle order. PTO shown with SAE-BB hydraulic drive output. 1410 companion flange change code to "D" output option.
 - 3 Optional 1:2 reduction gearbox is available for mount to the "P" output option. GB1P-205-125A, sold separately. Multiply resultant output shaft ratio by .50 for applicable output shaft speed. The GB1P has 1¼ round, 5/16" keyed output shaft. Output shaft rotation changes to Opposite.
 - 4 Direct mount pumps or direct mount components are limited to 29.5 lb.ft. bending moment at PTO pad. Contact Muncie Power should you need assistance calculating this value. Direct mount hydraulic pumps require metric hardware to mount pump.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION								BOTTOM OPENING ONLY (REAR OPENING TURN PAGE)				
		DT12-OC, DT12-OHE, DT12-OV FOOTNOTE (1, 2, 3, 4, 5, 6, 7) REQUIRES PTO PREP - CODE SEE FOOTNOTE 7						8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 39T GEAR				
		LOCATION: Rear			PLMF: 1.732							
		PLV: 577 FPM			RPM: 1,000							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-P4BX		OPP	53			40TA6479		Included	Elec/Air	285	54
	TG8S-U6805-P4BX		OPP	69			40TA6479		Included	Elec/Air	270	51
	TG8S-U6806-P4BX		OPP	90			40TA6479		Included	Elec/Air	245	47
	TG8S-U6807-P4BX		OPP	106			40TA6479		Included	Elec/Air	230	44
	TG8S-U6808-P4BX		OPP	130			40TA6479		Included	Elec/Air	230	44
	TG8S-U6809-P4BX		OPP	135			40TA6479		Included	Elec/Air	205	39
	TG8S-U6812-P4BX		OPP	166			40TA6479		Included	Elec/Air	210	40
	TG8S-U6813-P4BX		OPP	189			40TA6479		Included	Elec/Air	207	39
	TG8S-U6815-P4BX		OPP	213			40TA6479		Included	Elec/Air	184	35
	TG8S-U6818-P4BX		OPP	253			40TA6479		Included	Elec/Air	155	29
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-T4CX		OPP	49			40TA6479		Included	Air	500	95
	828S-U6808-T4CX		OPP	78			40TA6479		Included	Air	450	85
	828S-U6809-T4CX		OPP	96			40TA6479		Included	Air	388	74
	828S-U6810-T4CX		OPP	104			40TA6479		Included	Air	362	69
	828S-U6812-T4CX		OPP	120			40TA6479		Included	Air	313	60
	828S-U6813-T4CX		OPP	138			40TA6479		Included	Air	271	52
	828S-U6815-T4CX		OPP	151			40TA6479	23M80062+23M80062	Included	Air	248	47
	828S-U6819-T4CX		OPP	185			40TA6479	23M80248	20MK8817	Air	190	36
	1 FWD. 1 REV.											

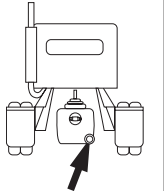



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

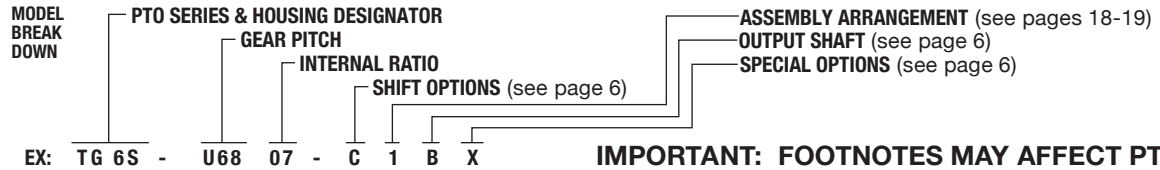
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 - refer to kit program on pages 10 & 11.
- 2 Transmission manufacturer specified maximum PTO output speed is 2,000 RPMs.
- 3 Adapter 40TA6479 is required with all PTOs. Adapter and PTO sold separately.
- 4 Gasket 13T65089 (included with adapter) is required between PTO and adapter. Standard gaskets used between adapter and transmission.
- 5 Shifting of transmission with PTO engaged is not allowed, as per transmission manufacturer.
- 6 Use of clutch shift PTOs not allowed at this time, per transmission manufacturer.
- 7 PTO sold without activation components. PTO activation is through chassis optional activation system. Order PTO prep package from Dealer at time of vehicle order.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION								REAR SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		DT12-OD, DT12-OVX FOOTNOTE (1, 2, 3, 4, 5) REQUIRES PTO PREP - CODE SEE FOOTNOTE 2						METRIC OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS6S-P89M1-P1PX	1,2,3,4	CRNK	94			601K6950000			Elec/Air	317	60
	RS6S-P89M2-P1PX	1,2,3,4	CRNK	128			601K6950000			Elec/Air	317	60
	RS6S-P89M3-P1PX	1,2,3,4	CRNK	177			601K6950000			Elec/Air	317	60
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

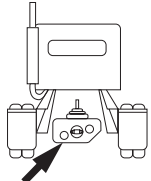



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- PTO output shaft speed show with transmission in LO Range. For HI Range multiply speed shown by 1.27.
- PTO sold without activation components. PTO activation is through chassis optional activation system. Order code 362-822 (Driveline applications) or 362-825 (Hydraulic pump application) from Dealer at time of vehicle order. PTO shown with SAE-BB hydraulic drive output. 1410 companion flange change code to "D" output option.
- Optional 1:2 reduction gearbox is available for mount to the "P" output option. GB1P-205-125A, sold separately. Multiply resultant output shaft ratio by .50 for applicable output shaft speed. The GB1P has 1¼ round, 5/16" keyed output shaft. Output shaft rotation changes to Opposite.
- Direct mount pumps or direct mount components are limited to 29.5 lb.ft. bending moment at PTO pad. Contact Muncie Power should you need assistance calculating this value. Direct mount hydraulic pumps require metric hardware to mount pump.

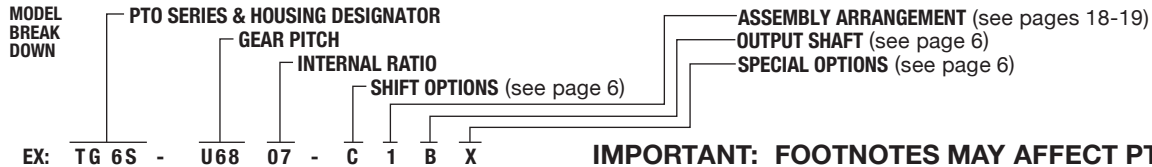
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION				BOTTOM OPENING ONLY (REAR OPENING TURN PAGE)			
				DT12-OD, DT12-OVX FOOTNOTE (1, 2, 3, 4, 5, 6, 7) REQUIRES PTO PREP - CODE SEE FOOTNOTE 7			8-BOLT OPENING
				PTO DRIVE GEAR DATA: 40T Gear			
		LOCATION: Rear PLMF: 1.659 PLV: 584 FPM RPM: 1,000					

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-P4BX		OPP	54			40TA6480		Included	Elec/Air	285	54
	TG8S-U6805-P4BX		OPP	71			40TA6480		Included	Elec/Air	270	51
	TG8S-U6806-P4BX		OPP	92			40TA6480		Included	Elec/Air	245	47
	TG8S-U6807-P4BX		OPP	109			40TA6480		Included	Elec/Air	230	44
	TG8S-U6808-P4BX		OPP	133			40TA6480		Included	Elec/Air	230	44
	TG8S-U6809-P4BX		OPP	139			40TA6480		Included	Elec/Air	205	39
	TG8S-U6812-P4BX		OPP	170			40TA6480		Included	Elec/Air	210	40
	TG8S-U6813-P4BX		OPP	194			40TA6480		Included	Elec/Air	207	39
	TG8S-U6815-P4BX		OPP	218			40TA6480		Included	Elec/Air	184	35
	TG8S-U6818-P4BX		OPP	259			40TA6480		Included	Elec/Air	155	29
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-T4CX		OPP	50			40TA6480		Included	Air	500	95
	828S-U6808-T4CX		OPP	80			40TA6480		Included	Air	450	85
	828S-U6809-T4CX		OPP	99			40TA6480		Included	Air	388	74
	828S-U6810-T4CX		OPP	106			40TA6480		Included	Air	362	69
	828S-U6812-T4CX		OPP	123			40TA6480		Included	Air	313	60
	828S-U6813-T4CX		OPP	142			40TA6480		Included	Air	271	52
	828S-U6815-T4CX		OPP	155			40TA6480	23M80062+23M80062	Included	Air	248	47
	828S-U6819-T4CX		OPP	190			40TA6480	23M80248	Included	Air	190	36
23M80062+23M80062 23M80248								20MK8817				
1 FWD. 1 REV.												




IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 – refer to kit program on pages 10 & 11.
- 2 Transmission manufacturer specified maximum PTO output speed is 2,000 RPMs.
- 3 Adapter 40TA6480 is required with all PTOs. Adapter and PTO sold separately.
- 4 Gasket 13T65089 (included with adapter) is required between PTO and adapter. Standard gaskets used between adapter and transmission.
- 5 Shifting of transmission with PTO engaged is not allowed, as per transmission manufacturer.
- 6 Use of clutch shift PTOs not allowed at this time, per transmission manufacturer.
- 7 PTO sold without activation components. PTO activation is through chassis optional activation system. Order PTO prep package from Dealer at time of vehicle order.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

EATON TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	4106-B, FS-4106B, FS-5206B There are two openings on the bottom right side. This application is for the front opening only. Footnote (3)	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6807-C4BX	1, 2	Crnk	62			40TF8368		Included	Cable	230	44
	TG6S-U6808-C4BX	1, 2	Crnk	76			40TF8368		Included	Cable	230	44
	TG6S-U6809-C4BX	1, 2	Crnk	79			40TF8368		Included	Cable	205	39
	TG6S-U6812-C4BH	1, 2	Crnk	97			40TF8368		Included	Cable	210	40
	TG6S-U6813-C4BH	1, 2	Crnk	110			40TF8368		Included	Cable	210	40
	TG6S-U6815-C4BH	1, 2	Crnk	124			40TF8368		Included	Cable	195	37
	TG6S-U6818-C4BH	1, 2	Crnk	148			40TF8368		Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	4	Crnk	47		47	40TF8368	23M60200S	20MK6602	Lever	200	38

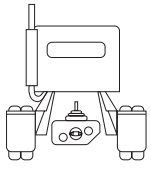

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

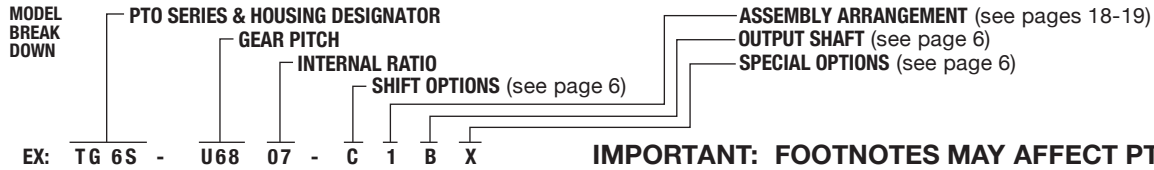


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 3 This transmission can be mounted vertically or horizontally by the chassis manufacturer. Vertical mounts have PTO opening on Left Side. Horizontal mounts have PTO opening on Bottom Right. Use this page for both options.
 - 4 Do not use for continuous duty applications.

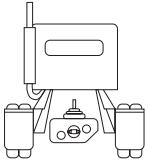

EATON TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		4106-B, FS-4106B, FS-5206B					PTO DRIVE GEAR DATA:				
		LOCATION: PLV:		PLMF: RPM:							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	
				HI	LO	REV					
SINGLE GEAR											
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE										
SH SERIES											
CLUTCH SHIFT											
1 FWD. 1 REV.											
ADAPTER TO CHANGE ROTATION										REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

8-BOLT TYPE										
SINGLE SPEED MULTI GEAR										
1 FWD. 1 REV.										



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

EATON TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		6109-A, ES11109, FS-6109A, FS-8209A, FSO-6109A, FSO-8209A				PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				
6-BOLT TYPE										
SINGLE GEAR										
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE									
SH SERIES										
CLUTCH SHIFT										
1 FWD. 1 REV.										
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


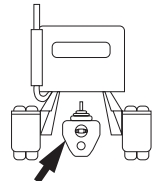
8-BOLT TYPE										
SINGLE SPEED MULTI GEAR										
1 FWD. 1 REV.										



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

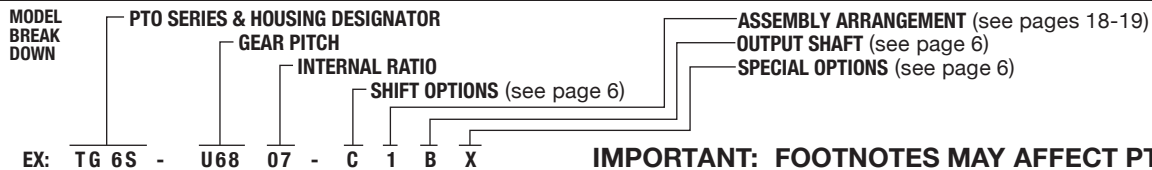
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	EATON TRANSMISSION 6109-A, ES-11109, FS-6109A, FS-6209A, FS-6309A, FS-8209A, FS-8309A ¹ , FSO-6109A ² , FSO-6209A ² , FSO-6309A ² , FSO-8209A ² There are two openings on the left side. This application is for the rear opening only. Footnote (4)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE) SAE 6-BOLT OPENIN PTO DRIVE GEAR DATA: 23T 6.27P 22.5° PA Spur LOCATION: Front PLMF: 1.152 PLV: 447 FPM RPM: 466	
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6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6209-C3BX	1	Crnk	39				23M60032S	Included	Cable	205	39
	TG6S-F6212-C3BH	1	Crnk	48				23M60032S	Included	Cable	210	40
	TG6S-F6213-C3BH	1	Crnk	55				23M60032S	Included	Cable	210	40
	TG6S-F6215-C3BH	1	Crnk	61				23M60032S	Included	Cable	195	37
	TG6S-F6218-C3BH	1	Crnk	74				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

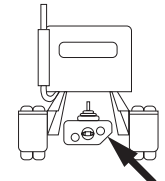



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35613 — Refer to kit program on pages 10 & 11.
- 2 Multiply speed shown x 1.34.
- 3 FS-8309A, multiply speeds shown by 1.63.
- 4 This transmission can be mounted vertically or horizontally by the chassis manufacturer. Vertical mounts have PTO opening on Left Side. Horizontal mounts have PTO opening on Bottom Right. Use this page for both options.

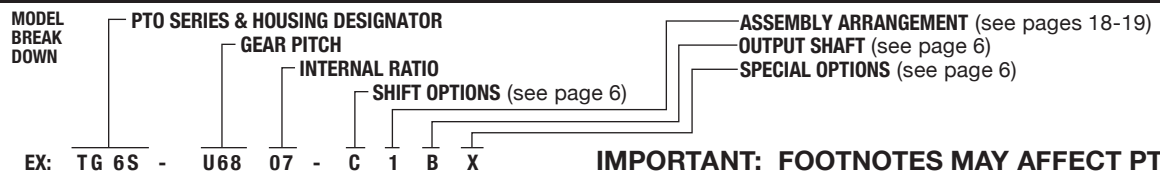
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

EATON TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	4106-A, FS-4106A, FS-5206A There are two openings on this side of the transmission. This application is for the front opening only.	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6807-C4BX	1, 2, 3	Crnk	54			40TF8368	23M60140S	20MKM107*	Cable	230	44
	TG6S-U6808-C4BX	1, 2, 3	Crnk	66			40TF8368	23M60140S	20MKM107*	Cable	230	44
	TG6S-U6809-C4BX	1, 2, 3	Crnk	69			40TF8368	23M60140S	20MKM107*	Cable	205	39
	TG6S-U6812-C4BH	1, 2, 3	Crnk	88			40TF8368	23M60140S	20MKM107*	Cable	210	40
	TG6S-U6813-C4BH	1, 2, 3	Crnk	97			40TF8368	23M60140S	20MKM107*	Cable	210	40
	TG6S-U6815-C4BH	1, 2, 3	Crnk	108			40TF8368	23M60140S	20MKM107*	Cable	195	37
TG6S-U6818-C4BH	1, 2, 3	Crnk	129			40TF8368	23M60140S	20MKM107*	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

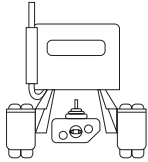

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



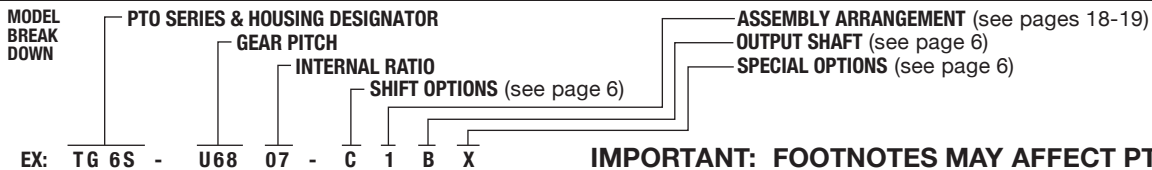
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 * Requires the standard stud kit included with PTO to mount to adapter in addition to the 20MKM107. Do not use for continuous duty applications.
- 3 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

EATON TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		4106-A, FS-4106A, FS-5206A					PTO DRIVE GEAR DATA:				
		LOCATION: PLV:		PLMF: RPM:							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	
				HI	LO	REV					
SINGLE GEAR											
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE										
SH SERIES											
CLUTCH SHIFT											
1 FWD. 1 REV.											
ADAPTER TO CHANGE ROTATION										REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

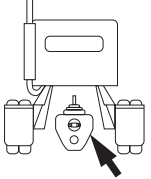

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE
				HI	LO	REV				
SINGLE SPEED MULTI GEAR										
1 FWD. 1 REV.										



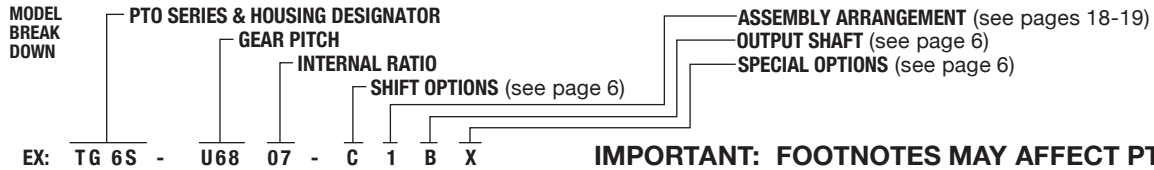
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

EATON TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	3905A, 3905B, 3905C, FSO-4305A, FSO-4305B, FSO-4305C FSO-4405A, FSO-4405B, FSO-4405C							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								36T 9.41P 20.7° PA 25 R.H. LOCATION: Front PLMF: 1.085 PLV: 703 FPM RPM: 636				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6807-C1BX	1, 2	Crnk	57			40TC9468	23M60500+23M60450	20MK6610	Cable	230	44
	TG6S-U6808-C1BX	1, 2	Crnk	70			40TC9468	23M60500+23M60450	20MK6610	Cable	230	44
	TG6S-U6809-C1BX	1, 2	Crnk	73			40TC9468	23M60500+23M60450	20MK6610	Cable	205	39
	TG6S-U6812-C1BH	1, 2	Crnk	89			40TC9468	23M60500+23M60450	20MK6610	Cable	210	40
	TG6S-U6813-C1BH	1, 2	Crnk	102			40TC9468	23M60500+23M60450	20MK6610	Cable	210	40
	TG6S-U6815-C1BH	1, 2	Crnk	114			40TC9468	23M60500+23M60450	20MK6610	Cable	195	37
	TG6S-U6818-C1BH	1, 2	Crnk	136			40TC9468	23M60500+23M60450	20MK6610	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

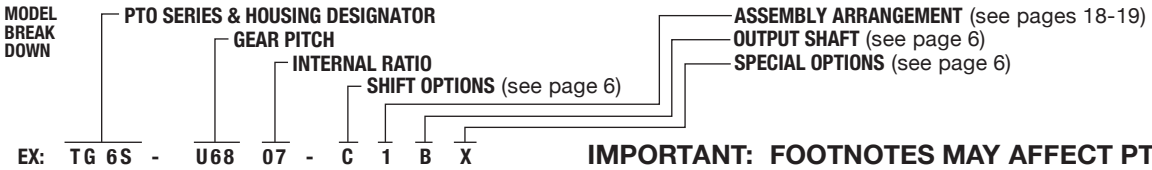
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

EATON TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		3905A, 3905B, 3905C, FSO-4305A, FSO-4305B, FSO-4305C FSO-4405A, FSO-4405B, FSO-4405C				PTO DRIVE GEAR DATA:		
		LOCATION: PLV:		PLMF: RPM:				

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE
				HI	LO	REV				
SINGLE GEAR										
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE									
SH SERIES										
CLUTCH SHIFT										
1 FWD. 1 REV.										

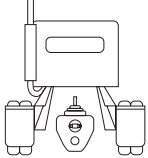

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE
				HI	LO	REV				
SINGLE SPEED MULTI GEAR										
1 FWD. 1 REV.										

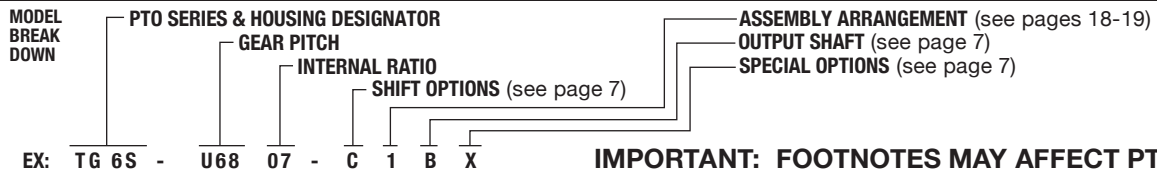


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)			
		4R100 4x2 AUTOMATIC (1988-2002 DIESEL) (1988-2004 GAS)				PTO DRIVE GEAR DATA:			
						LOCATION:	PLMF:		
						PLV:	RPM:		
6-BOLT TYPE									
SINGLE GEAR									
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE								
SH SERIES									
CLUTCH SHIFT									
1 FWD. 1 REV.									
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

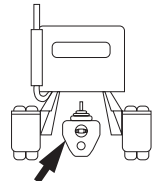

8-BOLT TYPE								
SINGLE SPEED MULTI GEAR								
1 FWD. 1 REV.								



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 4R100 4x2 AUTOMATIC (1988-2002 DIESEL) (1988-2004 GAS) Footnote (1, 2, 6)							FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 115T 14.20P 15.9° PA 18° L.H. LOCATION: Front PLMF: 1.742 PLV: 2230 FPM RPM: 1,000					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FA62-F1406-H3BX	3, 5	Opp	134					Included	Power	127	39
	FA62-F1406-H3TX	4, 5	Opp	134					Included	Power	127	39

FOOTNOTES:

- Minimum Engine Speed for PTO Operation of 6.8L GAS = 1,300 RPM.
- Minimum Engine Speed for PTO Operation of 7.3L DIESEL = 1,200 RPM.
- Remote Mount 1 1/4" Rd Output Shaft.
- Direct Mount Pump Output. See charts below for hydraulic pump applications. Output shaft option "R" - SAE A Mount is available option for FA62 PTO.
- PTO output torque rating is based on the maximum available torque from the transmission. The PTO HP shown is based on the Min. 1,200 Engine RPM and PTO output shaft at 1,608 RPM.
- Wiring harness #34T38267 required when used with Ford APCM, sold separately.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to closest pump output flow to meet your application. Follow the grid up to the top to read basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter engine operating speed to match your desired flow.
- If your system required 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 8 GPM you require at an engine speed of 1,200 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF1 Series would follow the form of: **PF4-***-16ASRL**. PF4 will be substituted for PF4 as inventory is changed. The PK Series would follow the form of: **PK**-16ASBB**.

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE (Gas or Diesel Engine)
PK13- PK11- PK8- PF4-870- PF4-818- PF4-714 PF4-606- PF4-502-

ENGINE SPEED	2.96 cu.in./Rev		2.46 cu.in./Rev		1.97 cu.in./Rev		2.01 cu.in./Rev		1.89 cu.in./Rev		1.71 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,000		3,000		3,000		2,320		2,900		2,900		3,625		3,625
1,200	21	3,000	17	3,000	14	3,000	14	2,320	13	2,900	12	2,900	10	3,625	8	3,625
1,300	22	3,000	19	3,000	15	3,000	15	2,320	14	2,900	13	2,900	11	3,625	9	3,625
1,500	26	3,000	21	3,000	17	3,000	17	2,320	16	2,900	15	2,900	12	3,625	10	3,625
1,700	29	3,000	24	3,000	19	3,000	20	2,320	19	2,900	17	2,900	14	3,625	11	3,625
1,900	33	3,000	27	3,000	22	3,000							15	3,625	13	3,625
2,100			30	3,000	24	3,000									14	3,625
2,300			32	3,000	26	3,000										
2,500																

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE
PF4-424- PF-368- P4-290- PF4-264- PF4-212 PF4-160-

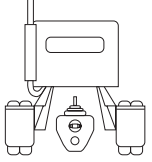

ENGINE SPEED	0.98 cu.in./Rev		0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625		3,625
1,200	7	3,625	6	3,625	4.5	3,625	4	3,625	3	3,625	2.5	3,625
1,300	7.5	3,625	6.5	3,625	5	3,625	4.5	3,625	3.5	3,625	3	3,625
1,500	8.5	3,625	7	3,625	6	3,625	5	3,625	4	3,625	3	3,625
1,700	9.5	3,625	7	3,625	6.5	3,625	6	3,625	5	3,625	3.5	3,625
1,900	11	3,625	9	3,625	7	3,625	7	3,625	5	3,625	4	3,625
2,100	12	3,625	10	3,625	8	3,625	7	3,625	6	3,625	4.5	3,625

* Theoretical Flow shown
 Speed shown for pump at 0 in.hg. vacuum.

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:
 Engine Speed × 134% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.34 = 1,876 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of:
 Disp × RPM / 231
1.4 × 1,876 / 231 = 11.4 GPM

FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)			
		4R100 4x4 AUTOMATIC (1998-2002 DIESEL) (1998-2004 GAS)				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			
6-BOLT TYPE									
SINGLE GEAR									
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE								
SH SERIES									
CLUTCH SHIFT									
1 FWD. 1 REV.									
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

8-BOLT TYPE									
SINGLE SPEED MULTI GEAR									
1 FWD. 1 REV.									



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 4R100 4x4 AUTOMATIC (1998-2002 DIESEL) (1998-2004 GAS) Footnote (1, 2, 5)							FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 115T 14.20P 15.9° PA 18° L.H. LOCATION: Front PLMF: 1.742 PLV: 2230 FPM RPM: 1,000					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FA64-F1406-H2TX	3, 4	Opp 3	134					Included	Power	127	39

FOOTNOTES:

- Minimum Engine Speed for PTO Operation of 6.8L GAS = 1,300 RPM.
- Minimum Engine Speed for PTO Operation of 7.3L DIESEL = 1,200 RPM.
- Direct Mount Pump Output. See charts below for hydraulic pump applications. The Pump size on GAS applications are restricted by case interference. Requires R.H. rotation pump.
- PTO output torque rating is based on the maximum available torque from the transmission. The PTO HP shown is based on the Min. 1,200 Engine RPM and PTO output shaft at 1,608 RPM.
- Wiring harness #34T38267 required when used with Ford APCM, sold separately.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- If your system required 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 8 GPM you require at an engine speed of 1,200 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF4 Series would follow the form of: **PF4-***-16ASBR**. The PF4 Series pump has specific components for this application and is the only pump recommended.

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE (Diesel Engine [Only] Application)

PF4-606- PF4-502- PF4-424- PF4-368- PF4-290 PF4-264- PF4-212- PF4-160-

ENGINE SPEED		cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev		0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
		GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
			3,265		3,625		3,000		2,320		2,900		2,900		3,625		3,625
1,200	9	3,265	7.5	3,625	6	3,625	5.5	3,625	4	3,625	4	3,625	3	3,625	2	3,625	
1,400	11	3,265	9	3,625	7.5	3,625	6.5	3,625	5	3,625	4.5	3,625	3.5	3,625	3	3,625	
1,600	12	3,265	10	3,625	8.5	3,625	7	3,625	5.5	3,625	5	3,625	4	3,625	3	3,625	
1,800	13	3,265	11	3,625	9.5	3,625	8	3,625	6.5	3,625	6	3,625	4.5	3,625	3.5	3,625	
2,000			12.5	3,625	10.5	3,625	9	3,625	7	3,625	6.5	3,625	5	3,625	4	3,625	
2,200			14	3,625	11.5	3,625	10	3,625	8	3,625	7	3,625	6	3,625	4.5	3,625	
2,500																	

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE (Gas Engine [Only] Application)

PF4-368- PF4-290- P4-264- PF4-212- PF4-160

ENGINE SPEED		0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
		GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
			3,625		3,625		3,625		3,625		3,625
1,300	5.5	3,625	4	3,625	4	3,625	3	3,625	2	3,625	
1,500	6.5	3,625	5	3,625	4.5	3,625	3.5	3,625	3	3,625	
1,700	7	3,625	5.5	3,625	5	3,625	4	3,625	3	3,625	
1,900	8	3,625	6.5	3,625	6	3,625	4.5	3,625	3.5	3,625	
2,100	9	3,625	7	3,625	6.5	3,625	5	3,625	4	3,625	
2,300	19	3,625	8	3,625	7	3,625	6	3,625	4.5	3,625	
2,500											

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

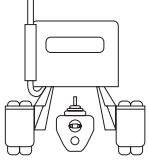

Engine Speed × 134% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.34 = 1,876 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM / 231

1.4 × 1,876 / 231 = 11.4 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

FORD TRANSMISSION					RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		2003-2004 (DIESEL) TORQSHIFT 4x2 AUTOMATIC			PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:				
6-BOLT TYPE									
SINGLE GEAR									
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE								
SH SERIES									
CLUTCH SHIFT									
1 FWD. 1 REV.									
ADAPTER TO CHANGE ROTATION					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE									
SINGLE SPEED MULTI GEAR									
1 FWD. 1 REV.									



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
2003-2004 (DIESEL) TORQSHIFT 4x2 AUTOMATIC Footnote (1, 4, 5, 7, 8)							FORD 6-BOLT OPENING					PTO DRIVE GEAR DATA: 121T 14.23P 17.9° PA SPUR LOCATION: Rear PLMF: 1.742 PLV: 2226 FPM RPM: 1,000	
							6-BOLT TYPE		PTO MODEL NUMBER					FOOT NOTES	SHAFT ROTATION	ENGINE %		ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO
SINGLE SPEED MULTI GEAR			FR63-F1506-H4BX FR63-F1506-H4TX	2, 6 3, 6	Opp Opp	126 126				Included Included	Power Power	190 190	55 55

FOOTNOTES:

- 1 Minimum Engine Speed for PTO Operation of 6.0L DIESEL = 1,200 RPM.
- 2 Remote mount 1 1/4" Rd output shaft.
- 3 Direct Mount Pump Output. See charts below for hydraulic pump applications ["R" option (3/8-9T) and "Q" option (3/8-13T) output shaft options are available].
- 4 For PTO activation using the Ford provided APCM control, order PTO with "Q" shift option, or purchase 34T39296 wire harness separately to convert "H" shift option to "Q".
- 5 For 2 position rocker switch, change shifter option to "Z". Uses activation kit 43TK4524 and 34T39185.
- 6 PTO HP shown is based on the min. 1,200 Engine RPM and PTO output shaft at 1,512 RPM.
- 7 Optional overspeed protection, order SPD-1001.
- 8 FR63 replaces FR62. The units have the same mounting dimensions.

EXAMPLE:

- 1 Begin by determining the flow and pressure requirement of your application.
- 2 Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- 3 If your system required 9 GPM to operate, then you would look for 9 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 9 GPM you require at an engine speed of 1,200 RPM. You would also get 9 GPM if you select the PF4-368 pump, but you would need to operate the engine at 2,000 RPM.
- 4 After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF4 Series would follow the form of: **PF4-***-16ASRL**. The PK Series would follow the form of: **PK**-16ASBB** (Pump rear ports are used in this installation. Order appropriate fittings separately.)

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PK13- PK11- PK8- PF4-870- PF4-818 PF4-714- PF4-606- PF4-502- PF4-424

ENGINE SPEED	2.96 cu.in./Rev		2.46 cu.in./Rev		1.97 cu.in./Rev		2.01 cu.in./Rev		1.71 cu.in./Rev		1.89 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
	3,000		3,000		3,000		2,320		2,900		2,900		3,625		3,625		3,625	
1,200	19.4	3,000	16.1	3,000	12.9	3,000	13.2	2,320	12.4	2,900	10.8	2,900	9.2	3,625	7.6	3,625	6.4	3,625
1,300	21.6	3,000	17.4	3,000	14.0	3,000	14.3	2,320	13.4	2,900	11.7	2,900	9.9	3,625	8.2	3,625	6.9	3,625
1,500	24.2	3,000	20.1	3,000	16.1	3,000	16.4	2,320	15.5	2,900	13.5	2,900	11.5	3,625	9.5	3,625	8.0	3,625
1,700	27.4	3,000	22.8	3,000	18.3	3,000	18.6	2,320	17.5	2,900	15.3	2,900	13.0	3,625	10.8	3,625	9.1	3,625
1,900	30.7	3,000	25.5	3,000	20.4	3,000					17.1	2,900	14.5	3,625	12.0	3,625	10.2	3,625
2,100	33.9	3,000	28.2	3,000	22.6	3,000									13.3	3,625	11.2	3,625
2,300			30.9	3,000	24.7	3,000									14.6	3,625	12.3	3,625

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-368- PF-290- P4-264- PF4-212- PF4-160

ENGINE SPEED	0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
	3,625		3,625		3,625		3,625		3,625	
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.0	3,625	4.8	3,625	4.3	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.0	3,625
1,700	7.9	3,625	6.2	3,625	5.7	3,625	4.5	3,625	3.4	3,625
1,900	8.8	3,625	6.9	3,625	6.3	3,625	5.1	3,625	3.8	3,625
2,100	9.7	3,625	7.7	3,625	7.0	3,625	5.6	3,625	4.2	3,625
2,300	10.7	3,625	8.4	3,625	7.7	3,625	6.1	3,625	4.6	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

Engine Speed × 126% = PTO output speed

Ex: Engine speed of 1,400 RPM would yield:

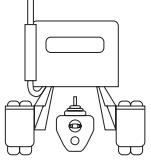

1,400 × 1.26 = 1,764 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM / 231

1.4 × 1,764 / 231 = 10.6 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		2003-2004 (DIESEL) TORQSHIFT 4x2 AND 4x4 AUTOMATIC				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:				
6-BOLT TYPE										
SINGLE GEAR										
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE									
SH SERIES										
CLUTCH SHIFT										
1 FWD. 1 REV.										
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE										
SINGLE SPEED MULTI GEAR										
1 FWD. 1 REV.										

MODEL BREAK DOWN

PTO SERIES & HOUSING DESIGNATOR

GEAR PITCH

INTERNAL RATIO

SHIFT OPTIONS (see page 7)

ASSEMBLY ARRANGEMENT (see pages 18-19)

OUTPUT SHAFT (see page 7)

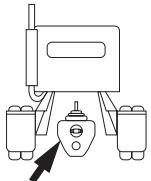

SPECIAL OPTIONS (see page 7)

EX: TG 6S - U68 07 - C 1 B X

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 <p style="text-align: center;">2003-2004 (DIESEL) TORQSHIFT 4x2 AND 4x4 AUTOMATIC Footnote (1, 4, 5, 7)</p>							FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 121T 14.23P 17.9° PA SPUR LOCATION: Rear PLMF: 1.742 PLV: 2226 FPM RPM: 1,000					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FR67-F1506-H4BX FR67-F1506-H4NX	2, 9 8, 9	Opp Opp	126 126					Included Included	Power Power	190 190	55 55

FOOTNOTES:

- Minimum Engine Speed for PTO Operation of 6.0L DIESEL = 1,200 RPM.
- Remote mount 1¼" Rd output shaft. Can only be used on 4x2 applications.
- Direct Mount Pump Output. See charts below for hydraulic pump applications.
- For PTO activation using the Ford provided APCM control, order PTO with "Q" shift option, or purchase 34T39296 wire harness separately to convert "H" shift option to "Q".
- For 2 position rocker switch, change shifter option to "Z". Uses activation kit 43TK4524 and 34T39185.
- PTO HP shown is based on the min. 1,200 Engine RPM and PTO output shaft at 1,512 RPM.
- Optional overspeed protection, order SPD-1001.
- Direct mount F series pump may require modification on pumps PF4-714 and larger for clearance to transmission shifter.
- The FR67 has a built-in solenoid valve. The FR67 PTO replaces the FR64 PTO.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- If your system required 9 GPM to operate, then you would look for 9 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 9 GPM you require at an engine speed of 1,200 RPM. You would also get 9 GPM if you select the PF4-368 pump, but you would need to operate the engine at 2,000 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF4 Series would follow the form of: **PF4-***-16QSRL**. (Pump rear ports are used in this installation. Order appropriate fittings separately.)

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-870- PF4-818 PF4-714- PF4-606- PF4-502- PF4-424

ENGINE SPEED	2.01 cu.in./Rev		1.89 cu.in./Rev		1.65 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		2,320		2,900		2,900		3,625		3,625		3,625
1,200	13.2	2,320	12.4	2,900	10.8	2,900	9.2	3,625	7.6	3,625	6.4	3,625
1,300	14.3	2,320	13.4	2,900	11.7	2,900	9.9	3,625	8.2	3,625	6.9	3,625
1,500	16.4	2,320	15.5	2,900	13.5	2,900	11.5	3,625	9.5	3,625	8.0	3,625
1,700	18.6	2,320	17.5	2,900	15.3	2,900	13.0	3,625	10.8	3,625	9.1	3,625
1,900					17.1	2,900	14.5	3,625	12.0	3,625	10.2	3,625
2,100									13.3	3,625	11.2	3,625
2,300									14.6	3,625	12.3	3,625

PLEASE NOTE:

The PF4 Series pump required for this application uses a thru-bolt design. PF4-714 pumps and larger may need modification. SEE FOOTNOTES

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-368- PF-290- P4-264- PF4-212- PF4-160

ENGINE SPEED	0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.0	3,625	4.8	3,625	4.3	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.0	3,625
1,700	7.9	3,625	6.2	3,625	5.7	3,625	4.5	3,625	3.4	3,625
1,900	8.8	3,625	6.9	3,625	6.3	3,625	5.1	3,625	3.8	3,625
2,100	9.7	3,625	7.7	3,625	7.0	3,625	5.6	3,625	4.2	3,625
2,300	10.7	3,625	8.4	3,625	7.7	3,625	6.1	3,625	4.6	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

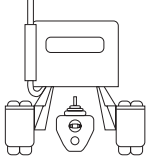

Engine Speed × 126% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.26 = 1,764 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM/231

1.4 × 1,764 / 231 = 10.6 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)			
		2005-2010 (DIESEL) 2005-2016 (GAS) TORQSHIFT 4x2 AUTOMATIC				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			
6-BOLT TYPE									
SINGLE GEAR									
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE								
SH SERIES									
CLUTCH SHIFT									
1 FWD. 1 REV.									
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

8-BOLT TYPE									
SINGLE SPEED MULTI GEAR									
1 FWD. 1 REV.									



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
2005-2010 (DIESEL), 2005-2016 (GAS) TORQSHIFT 4x2 AUTOMATIC Footnote (1, 4, 5, 6, 7)							FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 121T 14.23P 17.9° PA SPUR LOCATION: Rear PLMF: 1.742 PLV: 2226 FPM RPM: 1,000					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FR63-F1506-*4BX	2, 5	Opp	126					Included	Power	190	55
	FR63-F1506-*4TX	3, 5	Opp	126					Included	Power	190	55
	FR67-F1506-*4BX	7	Opp	126					Included	Power	190	55

FOOTNOTES:

- Minimum Engine Speed for PTO Operation = 1,200 RPM.
- Remote mount 1¼" Rd output shaft.
- Direct Mount Pump Output. See charts below for hydraulic pump applications ["R" option (%-9T) and "Q" option (%-13T) output shaft options are available].
- PTO HP shown is based on the min. 1,200 Engine RPM and PTO output shaft at 1,512 RPM.
- For gas engine chassis change shift option to "F" (ex: FR63-F1506-F4TX). (Wire harness change 34T41993) (Use for 2005-2014 model year).
- Optional overspeed protection, order SPD-1001.
- The FR67 has a built-in solenoid valve and requires a special wiring harness supplied with the PTO. The "D" shift option is for DIESEL engines from 2005-2010. The "G" shift option is for GAS engines 2005-2010. The "F" shift option (F4BX) is for 2011 model year GAS engines. The "F" shift option is for FR67 only and can be used for model years 2005-2011. This PTO is also available with the "N" hydraulic pump mount.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- If your system required 9 GPM to operate, then you would look for 9 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 9 GPM you require at an engine speed of 1,200 RPM. You would also get 9 GPM if you select the PF4-368 pump, but you would need to operate the engine at 2,000 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF3 Series would follow the form of: **PF4-***-16ASRL**. The PK Series would follow the form of: **PK**-16ASBB** (Pump rear ports are used in this installation. Order appropriate fittings separately.)

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PK13- PK11- PK8- PF4-870- PF4-818 PF4-714- PF4-606- PF4-502- PF4-424

ENGINE SPEED	2.96 cu.in./Rev		2.46 cu.in./Rev		1.97 cu.in./Rev		2.01 cu.in./Rev		1.89 cu.in./Rev		1.65 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,000		3,000		3,000		2,320		2,900		3,625		3,625		3,625		3,625
1,200	19.4	3,000	16.1	3,000	12.9	3,000	13.2	2,320	12.4	2,900	10.8	2,900	9.2	3,625	7.6	3,625	6.4	3,625
1,300	21.6	3,000	17.4	3,000	14.0	3,000	14.3	2,320	13.4	2,900	11.7	2,900	9.9	3,625	8.2	3,625	6.9	3,625
1,500	24.2	3,000	20.1	3,000	16.1	3,000	16.4	2,320	15.5	2,900	13.5	2,900	11.5	3,625	9.5	3,625	8.0	3,625
1,700	27.4	3,000	22.8	3,000	18.3	3,000	18.6	2,320	17.5	2,900	15.3	2,900	13.0	3,625	10.8	3,625	9.1	3,625
1,900	30.7	3,000	25.5	3,000	20.4	3,000				17.1	2,900	14.5	3,625	12.0	3,625	10.2	3,625	
2,100	33.9	3,000	28.2	3,000	22.6	3,000								13.3	3,625	11.2	3,625	
2,300			30.9	3,000	24.7	3,000								14.6	3,625	12.3	3,625	

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-368- PF-290- P4-264- PF4-212- PF4-160

ENGINE SPEED	0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.0	3,625	4.8	3,625	4.3	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.0	3,625
1,700	7.9	3,625	6.2	3,625	5.7	3,625	4.5	3,625	3.4	3,625
1,900	8.8	3,625	6.9	3,625	6.3	3,625	5.1	3,625	3.8	3,625
2,100	9.7	3,625	7.7	3,625	7.0	3,625	5.6	3,625	4.2	3,625
2,300	10.7	3,625	8.4	3,625	7.7	3,625	6.1	3,625	4.6	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

Engine Speed × 126% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.26 = 1,764 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM / 231

1.4 × 1,764 / 231 = 10.6 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
	2005-2010 (DIESEL) TORQSHIFT 4x2 AND 4x4 AUTOMATIC (5-Speed) Footnote (1, 4, 5, 6) 2005-2016 (Gas) Footnote (1, 4, 5, 6)						FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 121T 14.23P 17.9° PA SPUR LOCATION: Rear PLMF: 1.742 PLV: 2226 FPM RPM: 1,000					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FR67-F1506-D4BX	2, 5, 8	Opp	126					Included	Power	190	55
	FR67-F1506-D4NX	5, 7, 8	Opp	126					Included	Power	190	55
	FR67-F1506-F4NX	2, 5, 7, 8	Opp	126					Included	Power	190	55

FOOTNOTES:

- Minimum Engine Speed for PTO Operation = 1,200 RPM.
- Remote mount 1¼" Rd output shaft. Can only be used on 4x2 applications.
- Direct Mount Pump Output. See charts below for hydraulic pump applications.
- PTO HP shown is based on the min. 1,200 Engine RPM and PTO output shaft at 1,512 RPM.
- For gas engine, use "F" shift option (Harness 34T41993) NOTE: PTOs not installable on pick-up chassis.
- Optional overspeed protection, order SPD-1001.
- Direct mount F Series pump may require modification on pumps PF4-714 and larger for clearance to transmission shifter.
- The FR67 has a built-in solenoid valve. The FR67 PTO replaces the FR64 PTO.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- If your system required 9 GPM to operate, then you would look for 9 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 9 GPM you require at an engine speed of 1,200 RPM. You would also get 9 GPM if you select the PF4-368 pump, but you would need to operate the engine at 2,000 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF4 Series would follow the form of: **PF4-***-16QSRL**. (Pump rear ports are used in this installation. Order appropriate fittings separately.)

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-870-(7) PF4-818-(7) PF4-714-(7) PF4-606- PF4-502- PF4-424

ENGINE SPEED	2.01 cu.in./Rev		1.89 cu.in./Rev		1.65 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		2,900		2,900		3,625		3,625		3,625
1,200	13.2	2,320	12.4	2,900	10.8	2,900	9.2	3,625	7.6	3,625	6.4	3,625
1,300	14.3	2,320	13.4	2,900	11.7	2,900	9.9	3,625	8.2	3,625	6.9	3,625
1,500	16.4	2,320	15.5	2,900	13.5	2,900	11.5	3,625	9.5	3,625	8.0	3,625
1,700	18.6	2,320	17.5	2,900	15.3	2,900	13.0	3,625	10.8	3,625	9.1	3,625
1,900					17.1	2,900	14.5	3,625	12.0	3,625	10.2	3,625
2,100									13.3	3,625	11.2	3,625
2,300									14.6	3,625	12.3	3,625

PLEASE NOTE:

The PF4 Series pump required for this application uses a thru-bolt design. PF4-714 pumps and larger may need modification. SEE FOOTNOTES.

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-368- PF-290- P4-264- PF4-212- PF4-160

ENGINE SPEED	0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.0	3,625	4.8	3,625	4.3	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.0	3,625
1,700	7.9	3,625	6.2	3,625	5.7	3,625	4.5	3,625	3.4	3,625
1,900	8.8	3,625	6.9	3,625	6.3	3,625	5.1	3,625	3.8	3,625
2,100	9.7	3,625	7.7	3,625	7.0	3,625	5.6	3,625	4.2	3,625
2,300	10.7	3,625	8.4	3,625	7.7	3,625	6.1	3,625	4.6	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

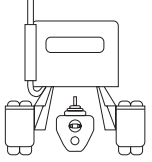

Engine Speed × 126% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.26 = 1,764 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM / 231

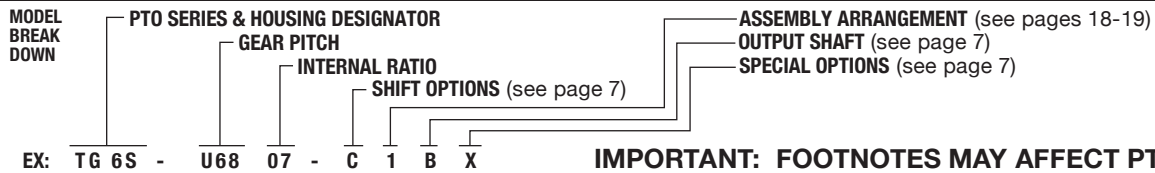
1.4 × 1,764 / 231 = 10.6 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)			
		2006-2009 FORD/INTERNATIONAL LOW CAB FORWARD CHASSIS TORQSHIFT 4x2 AUTOMATIC				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			
6-BOLT TYPE									
SINGLE GEAR									
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE								
SH SERIES									
CLUTCH SHIFT									
1 FWD. 1 REV.									
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

8-BOLT TYPE									
SINGLE SPEED MULTI GEAR									
1 FWD. 1 REV.									



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
 2006-2009 FORD/INTERNATIONAL LOW CAB FORWARD CHASSIS TORQSHIFT 4x2 AUTOMATIC Footnote (1, 4)							FORD 6-BOLT OPENING					PTO DRIVE GEAR DATA: 121T 14.23P 17.9° PA SPUR LOCATION: Rear PLMF: 1.742 PLV: 2226 FPM RPM: 1,000	
							6-BOLT TYPE		PTO MODEL NUMBER					FOOT NOTES	SHAFT ROTATION	ENGINE %		ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO
SINGLE SPEED MULTI GEAR	FR63-F1506-I4BX FR63-F1506-I4TX	2 3	Opp Opp	126 126					Included Included	Power Power	190 190	55 55	

FOOTNOTES:

- Minimum Engine Speed for PTO Operation = 1,200 RPM.
- Remote mount 1¼" Rd output shaft.
- Direct Mount Pump Output. See charts below for hydraulic pump applications ["R" option (¾-9T) and "Q" option (¾-13T) output shaft options are available].
- PTO HP shown is based on the min. 1,200 Engine RPM and PTO output shaft at 1,512 RPM.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- If your system required 9 GPM to operate, then you would look for 9 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 9 GPM you require at an engine speed of 1,200 RPM. You would also get 9 GPM if you select the PF4-368 pump, but you would need to operate the engine at 2,000 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF4 Series would follow the form of: **PF4-***-16ASRL**. The PK Series would follow the form of: **PK**-16ASBB** (Pump rear ports are used in this installation. Order appropriate fittings separately.)

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PK13- PK11- PK8- PF4-870- PF4-818 PF4-714- PF4-606- PF4-502- PF4-424

ENGINE SPEED	2.96 cu.in./Rev		2.46 cu.in./Rev		1.97 cu.in./Rev		2.01 cu.in./Rev		1.89 cu.in./Rev		1.65 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,000		3,000		3,000		2,320		2,900		2,900		3,625		3,625		3,625
1,200	19.4	3,000	16.1	3,000	12.9	3,000	13.2	2,320	12.4	2,900	10.8	2,900	9.2	3,625	7.6	3,625	6.4	3,625
1,300	21.0	3,000	17.4	3,000	14.0	3,000	14.3	2,320	13.4	2,900	11.7	2,900	9.9	3,625	8.2	3,625	6.9	3,625
1,500	24.2	3,000	20.1	3,000	16.1	3,000	16.4	2,320	15.5	2,900	13.5	2,900	11.5	3,625	9.5	3,625	8.0	3,625
1,700	27.4	3,000	22.8	3,000	18.3	3,000	18.6	2,320	17.5	2,900	15.3	2,900	13.0	3,625	10.8	3,625	9.1	3,625
1,900	30.7	3,000	25.5	3,000	20.4	3,000				17.1	2,900	14.5	3,625	12.0	3,625	10.2	3,625	
2,100	33.9	3,000	28.2	3,000	22.6	3,000								13.3	3,625	11.2	3,625	
2,300			30.9	3,000	24.7	3,000								14.6	3,625	12.3	3,625	

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-368- PF-290- P4-264- PF4-212- PF4-160

ENGINE SPEED	0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.0	3,625	4.8	3,625	4.3	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.0	3,625
1,700	7.9	3,625	6.2	3,625	5.7	3,625	4.5	3,625	3.4	3,625
1,900	8.8	3,625	6.9	3,625	6.3	3,625	5.1	3,625	3.8	3,625
2,100	9.7	3,625	7.7	3,625	7.0	3,625	5.6	3,625	4.2	3,625
2,300	10.7	3,625	8.4	3,625	7.7	3,625	6.1	3,625	4.6	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

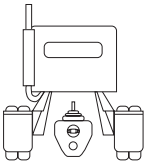

Engine Speed × 126% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.26 = 1,764 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM / 231

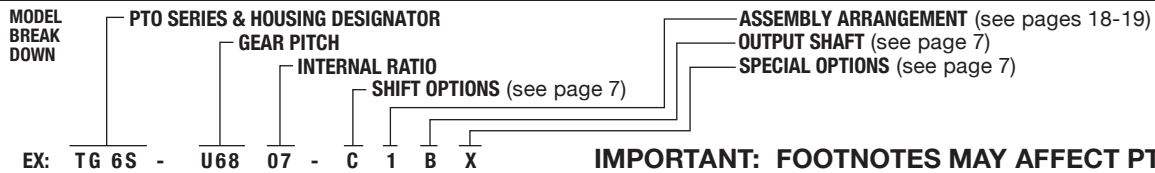
1.4 × 1,764 / 231 = 10.6 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TORQSHIFT (6R140 6-SPEED) 2011–2016 (Diesel Only) Super Duty F-250 – F-550 4x2 OR 4x4 AUTOMATIC				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:				
6-BOLT TYPE										
SINGLE GEAR										
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE									
SH SERIES										
CLUTCH SHIFT										
1 FWD. 1 REV.										
ADAPTER TO CHANGE ROTATION		No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

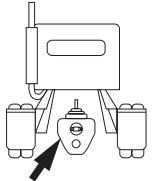

8-BOLT TYPE										
SINGLE SPEED MULTI GEAR										
1 FWD. 1 REV.										



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
	SUPER DUTY CHASSIS F-250—F-550 TORQSHIFT (6R140 6-SPEED) <i>2011 -2016 (Diesel Only)</i> 4x2 OR 4x4 AUTOMATIC Footnotes (1, 2, 5, 6, 7, 8)					FORD 6-BOLT OPENING			PTO DRIVE GEAR DATA:				
						52T 12.09P 20° PA Spur		LOCATION: Front	PLMF: 3.439			PLV: 1,126 FPM	RPM: 1,000
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE SPEED MULTI GEAR	FR6Q-F1209-D3BX FR6Q-F1209-D3NX	2, 3 2, 4	Opp Opp	127 127						Included Included	Power Power	200 (2) 200 (2)	38 38

FOOTNOTES:

- 1 Engine driven direct drive PTO gear.
- 2 Rating shown is for stationary applications only. For Mobile applications the PTO torque rating is 120 lb.ft. for continuous or intermittent duty. For switchable stationary to mobile, order with feature option "B".
- 3 Remote mount 1¼" Rd keyed output Shaft. Remote shaft is only usable on 4x2 chassis.
- 4 Direct Mount Pump Output - see charts below for hydraulic pump applications. Max pump RPM shown at 0 in.Hg.
- 5 PTO output torque rating is based on the maximum available torque from the transmission.
- 6 Optional overspeed protection, order SPD-1001, sold separately.
- 7 The use of the Muncie Power FR6Q and PF Series PTO/Pump combination with Ford "Live Drive" can be used successfully on mobile applications including snow & ice control central hydraulic systems. Please request and review Muncie Power document IN10-12 for important information.
- 8 Available with Muncie Start[®]; Special Feature Code "6" for stationary applications, "7" for switchable stationary to mobile.

Pump Selection Example:

- a. First you need to know the flow and pressure requirement of your application.
- b. Next find the closest pump output flow from the chart that is based on the most appropriate engine speed for your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire.
- c. If your system required 8 GPM to operate. Then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-502 would give you a pump which will deliver the 8 GPM you require at an engine speed of 1,300 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 RPM.
- d. After you have selected the Pump Series and size the complete pump model number can be ordered.

The PF Series would follow the form of: **PF4-***-16QSRL**.

NOTE: PF Series pump shown because chassis envelope limitations prevent the use of larger pump frame sizes on 4x4 chassis.

APPROXIMATE PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

ENGINE SPEED	PF4-870 2.01 cu. in./Rev		PF4-818 1.89 cu. in./Rev		PF4-714 1.65 cu. in./Rev		PF4-606 1.4 cu. in./Rev		PF4-502 1.16 cu. in./Rev		PF4-424 0.98 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	9.9	2,320	9.4	2,900	8.2	2,900	6.9	3,625	5.7	3,625	4.8	3,625
1,000	11.1	2,320	10.4	2,900	9.1	2,900	7.7	3,625	6.4	3,625	5.4	3,625
1,100	12.2	2,320	11.4	2,900	10.0	2,900	8.5	3,625	7.0	3,625	5.9	3,625
1,200	13.3	2,320	12.5	2,900	10.9	2,900	9.2	3,625	7.7	3,625	6.5	3,625
1,300	14.4	2,320	13.5	2,900	11.8	2,900	10.0	3,625	8.3	3,625	7.0	3,625
1,500	16.6	2,320	15.6	2,900	13.6	2,900	11.5	3,625	9.6	3,625	8.1	3,625
1,700			17.7	2,900	15.4	2,900	13.1	3,625	10.8	3,625	9.2	3,625
1,900							14.6	3,625	12.1	3,625	10.2	3,625
2,100									13.4	3,625	11.3	3,625
2,300									14.7	3,625	12.4	3,625
2,500												

EXCEEDS
MAX RPM

ENGINE SPEED	PF4-368 0.85 cu. in./Rev		PF4-290 0.67 cu. in./Rev		PF4-264 0.61 cu. in./Rev		PF4-212 0.49 cu. in./Rev		PF4-160 0.37cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	4.2	3,625	3.3	3,625	3.0	3,625	2.4	3,625	1.8	3,625
1,000	4.7	3,625	3.7	3,625	3.4	3,625	2.7	3,625	2.0	3,625
1,100	5.1	3,625	4.1	3,625	3.7	3,625	3.0	3,625	2.2	3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.1	3,625	4.8	3,625	4.4	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.1	3,625
1,700	7.9	3,625	6.3	3,625	5.7	3,625	4.6	3,625	3.5	3,625
1,900	8.9	3,625	7.0	3,625	6.4	3,625	5.1	3,625	3.9	3,625
2,100	9.8	3,625	7.7	3,625	7.0	3,625	5.7	3,625	4.3	3,625
2,300	10.7	3,625	8.5	3,625	7.7	3,625	6.2	3,625	4.7	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.

To calculate the PTO output speed:

Engine speed × 127% = PTO output speed. Example: Engine speed of 1,400 RPM would yield the following:

1,400 × 1.27 = 1,778 RPM PTO

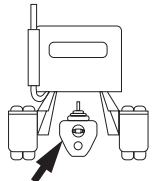

A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231

1.4 × 1,778/231 = 10.7 GPM

* Theoretical Flow Shown.

Speed shown for pump at 0 in.Hg. vacuum.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION						LEFT SIDE ONLY						
 TORQSHIFT (6R140 6-SPEED) 4x2 F-650 & F-750 CHASSIS GAS ENGINE MODEL YEAR 2013-2015 Footnote (1, 2, 5, 6, 7, 8)						6-BOLT OPENING						
						PTO DRIVE GEAR DATA: 52T 12.09P 20° PA Spur LOCATION: Front PLMF: 3.439 PLV: 1,126 FPM RPM: 1,000						
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FR6Q-F1209-G3BX	3	Opp	127					Included	Power	200	38
	FR6Q-F1209-G3NX	4	Opp	127					Included	Power	200	38

FOOTNOTES:

- 1 Engine driven direct drive PTO gear.
- 2 Rating shown is for stationary applications only. For Mobile applications reduce torque to 150 Max int. per Ford Motor Co.
- 3 Remote mount 1 1/4" Rd output Shaft.
- 4 Direct mount pump output - see charts below for hydraulic pump applications. Max pump RPM shown at 0 in.Hg. "Q" & "T" Hyd Output Available.
- 5 PTO output torque rating is based on the maximum available torque from the transmission.
- 6 Optional overspeed protection, order SPD-1001, sold separately.
- 7 Exhaust heat shield recommended. 49T43320 is included with PTO.
- 8 Available with Muncie Start®; Special Feature Code "6" for stationary applications, "7" for switchable stationary to mobile.

Pump Selection Example:

- a. First you need to know the flow and pressure requirement of your application.
- b. Next find the closest pump output flow from the chart that is based on the most appropriate engine speed for your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire.
- c. If your system required 8 GPM to operate. Then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-502 would give you a pump which will deliver the 8 GPM you require at an engine speed of 1,300 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 RPM.
- d. After you have selected the Pump Series and size the complete pump model number can be ordered.

The PF Series would follow the form of: PF4-***-16QSRL (for "N" output option), PF4-***-16ASRL for "T" output option. The PH Series would follow PH1-**-02ASRL-M (Size 03, 05, 07, 08, 09, 11 GPM) for "Q" output option. PK Series would follow PK1-**-02ACRL-M (size 06, 13, 17 GPM) for "Q" output option.

MODEL PF4-*-16QSRL (PTO OUTPUT "N") APPROXIMATE PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE**

ENGINE SPEED	PF4-870 <i>2.01 cu. in./Rev</i>		PF4-818 <i>1.89 cu. in./Rev</i>		PF4-714 <i>1.65 cu. in./Rev</i>		PF4-606 <i>1.4 cu. in./Rev</i>		PF4-502 <i>1.16 cu. in./Rev</i>		PF4-424 <i>0.98 cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
	900	9.9	2,320	9.4	2,900	8.2	2,900	6.9	3,625	5.7	3,625	4.8	3,625
1,000	11.1	2,320	10.4	2,900	9.1	2,900	7.7	3,625	6.4	3,625	5.4	3,625
1,100	12.2	2,320	11.4	2,900	10.0	2,900	8.5	3,625	7.0	3,625	5.9	3,625
1,200	13.3	2,320	12.5	2,900	10.9	2,900	9.2	3,625	7.7	3,625	6.5	3,625
1,300	14.4	2,320	13.5	2,900	11.8	2,900	10.0	3,625	8.3	3,625	7.0	3,625
1,500	16.6	2,320	15.6	2,900	13.6	2,900	11.5	3,625	9.6	3,625	8.1	3,625
1,700			17.7	2,900	15.4	2,900	13.1	3,625	10.8	3,625	9.2	3,625
1,900							14.6	3,625	12.1	3,625	10.2	3,625
2,100									13.4	3,625	11.3	3,625
2,300									14.7	3,625	12.4	3,625
2,500												

EXCEEDS MAX RPM

ENGINE SPEED	PF4-368 <i>0.85 cu. in./Rev</i>		PF4-290 <i>0.67 cu. in./Rev</i>		PF4-264 <i>0.61 cu. in./Rev</i>		PF4-212 <i>0.49 cu. in./Rev</i>		PF4-160 <i>0.37cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
	900	4.2	3,625	3.3	3,625	3.0	3,625	2.4	3,625	1.8	3,625
1,000	4.7	3,625	3.7	3,625	3.4	3,625	2.7	3,625	2.0	3,625
1,100	5.1	3,625	4.1	3,625	3.7	3,625	3.0	3,625	2.2	3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.1	3,625	4.8	3,625	4.4	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.1	3,625
1,700	7.9	3,625	6.3	3,625	5.7	3,625	4.6	3,625	3.5	3,625
1,900	8.9	3,625	7.0	3,625	6.4	3,625	5.1	3,625	3.9	3,625
2,100	9.8	3,625	7.7	3,625	7.0	3,625	5.7	3,625	4.3	3,625
2,300	10.7	3,625	8.5	3,625	7.7	3,625	6.2	3,625	4.7	3,625

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 127% = PTO output speed. Example: Engine speed of 1,400 RPM would yield the following:
1,400 × 1.27 = 1,778 RPM PTO
 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,778/231 = 10.7 GPM

* Theoretical Flow Shown. Speed shown for pump at 0 in.Hg. vacuum. Exceeds Max RPM

MODEL PH1--02ASRL-M (PTO OUTPUT "Q") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED

	PH1-11 2.48 cu. in./Rev		PH1-09 2.17 cu. in./Rev		PH1-08 1.86 cu. in./Rev		PH1-07 1.55 cu. in./Rev		PH1-05 1.24 cu. in./Rev		PH1-03 0.62 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	12.3	2,500	10.7	2,900	9.2	3,250	7.7	3,500	6.1	3,500	3.1	3,500
1,000	13.6	2,500	11.9	2,900	10.2	3,250	8.5	3,500	6.8	3,500	3.4	3,500
1,100	15.0	2,500	13.1	2,900	11.2	3,250	9.4	3,500	7.5	3,500	3.7	3,500
1,200	16.4	2,500	14.3	2,900	12.3	3,250	10.2	3,500	8.2	3,500	4.1	3,500
1,300	17.7	2,500	15.5	2,900	13.3	3,250	11.1	3,500	8.9	3,500	4.4	3,500
1,500	20.5	2,500	17.9	2,900	15.3	3,250	12.8	3,500	10.2	3,500	5.1	3,500
1,700	23.2	2,500	20.3	2,900	17.4	3,250	14.5	3,500	11.6	3,500	5.8	3,500
1,900	25.9	2,500	22.7	2,900	19.4	3,250	16.2	3,500	13.0	3,500	6.5	3,500

MODEL PK1--02A*RL-M (PTO OUTPUT "Q") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED

	PK1-17 3.94 cu. in./Rev		PK1-13 2.96 cu. in./Rev		PK1-06 1.47 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	19.5	2,500	14.6	3,000	7.3	3,000
1,000	21.7	2,500	16.3	3,000	8.1	3,000
1,100	23.8	2,500	17.9	3,000	8.9	3,000
1,200	26.0	2,500	19.5	3,000	9.7	3,000
1,300	28.2	2,500	21.2	3,000	10.5	3,000
1,500	32.5	2,500	24.4	3,000	12.1	3,000
1,700	36.8	2,500	27.7	3,000	13.7	3,000
1,900	41.2	2,500	30.9	3,000	15.4	3,000

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.

To calculate the PTO output speed:

Engine speed × 127% = PTO output speed.
Example: Engine speed of 1,400 RPM would yield the following:

1,400 × 1.27 = 1,778 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM / 231

1.4 × 1,778 / 231 = 10.7 GPM

* Theoretical Flow Shown.

Speed shown for pump at 0 in.Hg. vacuum.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION						LEFT SIDE ONLY						
	TORQSHIFT 6R140 6-SPEED 2016 & LATER F-650/F-750 GAS OR DIESEL 2017 & LATER F250 THRU F-550 GAS OR DIESEL F-650/F-750 GAS OR DIESEL ENGINE Footnote (1, 2, 5, 6, 7, 8, 9)					6-BOLT OPENING						
						PTO DRIVE GEAR DATA: 52T 12.09P 20° PA Spur LOCATION: Front PLMF: 3.439 PLV: 1,126 FPM RPM: 1,000						
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FR6Q-F1209-*3BX	3	Opp	127					Included	Power	200	38
	FR6Q-F1209-*3NX	4	Opp	127					Included	Power	200	38
	FR6Q-F1209-*3QX	4	Opp	127					Included	Power	200	38

- 1 Engine driven direct drive PTO gear. *GAS Engine use shift code "F" and for DIESEL Engine use shift code "6" to obtain correct wiring.
- 2 Rating shown is for stationary applications only. The 2016 GAS engine F-650/F-750 must be used in "Stationary" applications only. The 2017 and later F-250 thru F-550 and F-650/F-750 can be used in stationary or mobile applications. For switchable stationary to mobile operation, order with feature option code "B".
- 3 Remote mount 1 1/4" Rd keyed output Shaft. Driveline version only for 4x2 chassis.
- 4 Direct Mount Pump Output - see charts below for hydraulic pump applications. Max pump RPM shown at 0 in.Hg. The "Q" or "T" hydraulic output options are available, but only for the 4x2 chassis.
- 5 PTO output torque rating is based on the maximum available torque from the transmission.
- 6 Optional overspeed protection, order, sold separately.
- 7 Exhaust heat shield recommended for GAS engine applications, 49T43320 is included with "F" shift option.
- 8 F-250 thru F-550 with mechanical shift 4x4 order mounting stud kit 20TK6203 (20TK6054 for older FR66) in addition to the PTO. This is used to reattach the control cable for the transfer case.
- 9 Available with Muncie Start®; Special Feature Code "6" for stationary applications, "7" for switchable stationary to mobile.

Pump Selection Example:

- a. Understand the flow and pressure requirement of your application.
- b. Find the closest pump output flow from the chart that is based on the most appropriate engine speed for your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire.
- c. Example: if your system required 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-502 would give you a pump which will deliver the 8 GPM at 1,300 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 RPM.
- d. After the Pump Series and size is selected for your application, then complete pump model number can be ordered.

The PF Series would follow the model code: PF4-***-16QSRL. The PH Series would follow the model code: PH1-**-02ASRL-M (Size 03, 05, 07, 08, 09, 11 GPM) for the "Q" output option. PK Series would follow the model code: PK1-**02ACRL-M (size 06, 13, 17 GPM) for the "Q" output option. The W Series (F-650/F-750 Only) will follow the model code: W**-02AJ0-G*G*F14 ("GI" porting for W06-W11 and "GT" porting for W13-W21) for the "Q" output option.

MODEL PF4-*-16QSRL (PTO OUTPUT "N") APPROXIMATE PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE**

ENGINE SPEED	PF4-870 2.01 cu. in./Rev		PF4-818 1.89 cu. in./Rev		PF4-714 1.65 cu. in./Rev		PF4-606 1.4 cu. in./Rev		PF4-502 1.16 cu. in./Rev		PF4-424 0.98 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	9.9	2,320	9.4	2,900	8.2	2,900	6.9	3,625	5.7	3,625	4.8	3,625
1,000	11.1	2,320	10.4	2,900	9.1	2,900	7.7	3,625	6.4	3,625	5.4	3,625
1,100	12.2	2,320	11.4	2,900	10.0	2,900	8.5	3,625	7.0	3,625	5.9	3,625
1,200	13.3	2,320	12.5	2,900	10.9	2,900	9.2	3,625	7.7	3,625	6.5	3,625
1,300	14.4	2,320	13.5	2,900	11.8	2,900	10.0	3,625	8.3	3,625	7.0	3,625
1,500	16.6	2,320	15.6	2,900	13.6	2,900	11.5	3,625	9.6	3,625	8.1	3,625
1,700			17.7	2,900	15.4	2,900	13.1	3,625	10.8	3,625	9.2	3,625
1,900							14.6	3,625	12.1	3,625	10.2	3,625
2,100									13.4	3,625	11.3	3,625
2,300									14.7	3,625	12.4	3,625
2,500												

EXCEEDS
MAX RPM

ENGINE SPEED	PF4-368 0.85 cu. in./Rev		PF4-290 0.67 cu. in./Rev		PF4-264 0.61 cu. in./Rev		PF4-212 0.49 cu. in./Rev		PF4-160 0.37 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	4.2	3,625	3.3	3,625	3.0	3,625	2.4	3,625	1.8	3,625
1,000	4.7	3,625	3.7	3,625	3.4	3,625	2.7	3,625	2.0	3,625
1,100	5.1	3,625	4.1	3,625	3.7	3,625	3.0	3,625	2.2	3,625
1,200	5.6	3,625	4.4	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.1	3,625	4.8	3,625	4.4	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	5.5	3,625	5.0	3,625	4.0	3,625	3.1	3,625
1,700	7.9	3,625	6.3	3,625	5.7	3,625	4.6	3,625	3.5	3,625
1,900	8.9	3,625	7.0	3,625	6.4	3,625	5.1	3,625	3.9	3,625
2,100	9.8	3,625	7.7	3,625	7.0	3,625	5.7	3,625	4.3	3,625
2,300	10.7	3,625	8.5	3,625	7.7	3,625	6.2	3,625	4.7	3,625

PLEASE NOTE:
If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.

To calculate the PTO output speed:
Engine speed × 127% = PTO output speed. Example: Engine speed of 1,400 RPM would yield the following:
1,400 × 1.27 = 1,778 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,778/231 = 10.7 GPM

* Theoretical Flow Shown. Speed shown for pump at 0 in.Hg. vacuum.

The PH Series and PK Series Pumps will fit 4x2 chassis Only.

MODEL PH1--02ASRL-M (PTO OUTPUT “Q”) APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED

ENGINE SPEED	PH1-11 2.48 cu. in./Rev		PH1-09 2.17 cu. in./Rev		PH1-08 1.86 cu. in./Rev		PH1-07 1.55 cu. in./Rev		PH1-05 1.24 cu. in./Rev		PH1-03 0.62 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	12.3	2,500	10.7	2,900	9.2	3,250	7.7	3,500	6.1	3,500	3.1	3,500
1000	13.6	2,500	11.9	2,900	10.2	3,250	8.5	3,500	6.8	3,500	3.4	3,500
1100	15.0	2,500	13.1	2,900	11.2	3,250	9.4	3,500	7.5	3,500	3.7	3,500
1200	16.4	2,500	14.3	2,900	12.3	3,250	10.2	3,500	8.2	3,500	4.1	3,500
1300	17.7	2,500	15.5	2,900	13.3	3,250	11.1	3,500	8.9	3,500	4.4	3,500
1500	20.5	2,500	17.9	2,900	15.3	3,250	12.8	3,500	10.2	3,500	5.1	3,500
1700	23.2	2,500	20.3	2,900	17.4	3,250	14.5	3,500	11.6	3,500	5.8	3,500
1900	25.9	2,500	22.7	2,900	19.4	3,200	16.2	3,500	13.0	3,500	6.5	3,500

MODEL PK1--02A*RL-M (PTO OUTPUT “Q”) APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED

ENGINE SPEED	PK1-17 3.94 cu. in./Rev		PK1-13 2.96 cu. in./Rev		PK1-06 1.47 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	19.5	2,500	14.6	3,000	7.3	3,000
1,000	21.7	2,500	16.3	3,000	8.1	3,000
1,100	23.8	2,500	17.9	3,000	8.9	3,000
1,200	26.0	2,500	19.5	3,000	9.7	3,000
1,300	28.2	2,500	21.2	3,000	10.5	3,000
1,500	32.5	2,500	24.4	3,000	12.1	3,000
1,700	36.8	2,500	27.7	3,000	13.7	3,000
1,900	41.2	2,500	30.9	3,000	15.4	3,000

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.

To calculate the PTO output speed:

Engine speed × 127% = PTO output speed. Example: Engine speed of 1,400 RPM would yield the following:

1,400 × 1.27 = 1,778 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: $\text{Disp} \times \text{RPM} / 231$

1.4 × 1,778 / 231 = 10.7 GPM

* Theoretical Flow Shown.

Speed shown for pump at 0 in.Hg. vacuum.

W Series will only fit on the F-650 or F-750 Series chassis.

MODEL W-02AJ0-G*G*-F14 (“GI” porting for W06-W11 and “GT” porting for W13-W21)**

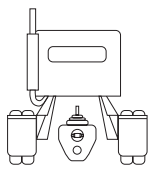

For the “Q” PTO OUTPUT - APPROXIMATE PUMP FLOW AND MAXIMUM PRESSURE

ENGINE SPEED

ENGINE SPEED	W21 4.87 in. ³ /Rev		W19 4.37 in. ³ /Rev		W17 3.96 in. ³ /Rev		W15 3.46 in. ³ /Rev		W13 2.92 in. ³ /Rev		W11 2.42 in. ³ /Rev		W08 1.96 in. ³ /Rev		W06 1.45 in. ³ /Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	24.1	2,150	21.6	2,400	19.6	2,650	17.1	3,040	14.4	3,600	12.0	4,300	9.7	4,350	7.2	4,350
1,000	26.8	2,150	24.0	2,400	21.8	2,650	19.0	3,040	16.1	3,600	13.3	4,300	10.8	4,350	8.0	4,350
1,100	29.5	2,150	26.4	2,400	23.9	2,650	20.0	3,040	17.7	3,600	14.6	4,300	11.9	4,350	8.8	4,350
1,200	32.1	2,150	28.8	2,400	26.1	2,650	22.8	3,040	19.3	3,600	16.0	4,300	12.9	4,350	9.6	4,350
1,300	34.8	2,150	31.2	2,400	28.3	2,650	24.7	3,040	20.9	3,600	17.3	4,300	14.0	4,350	10.4	4,350
1,500	40.2	2,150	36.0	2,400	32.7	2,650	28.5	3,040	24.1	3,600	20.0	4,300	16.2	4,350	11.6	4,350
1,700	45.5	2,150	40.8	2,400	37.0	2,650	32.3	3,040	27.3	3,600	22.6	4,300	18.3	4,350	13.6	4,350
1,900	50.9	2,150	45.6	2,400	41.4	2,650	36.1	3,040	30.5	3,600	25.3	4,300	20.5	4,350	15.1	4,350

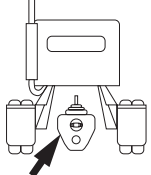

W SERIES ARE SHOWN WITH LIMITED MAXIMUM PRESSURE DUE TO THE LIMITS OF THE FORD TRANSMISSION.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION						RIGHT SIDE ONLY LEFT SIDE TURN PAGE						
 2016 & LATER TORQSHIFT 6R140 6-SPEED F-650/F-750 DIESEL ENGINE ONLY Build Date Jan 6, 2016 & Later						6-BOLT OPENING						
						PTO DRIVE GEAR DATA:						
						LOCATION: PLV:		PLMF: RPM:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	NO PTO OPENING SEE OTHER SIDE											

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY RIGHT SIDE TURN PAGE					
 <p style="text-align: center;">2016 & LATER TORQSHIFT 6R140 6-SPEED F-650/F-750 DIESEL ENGINE ONLY Build Date Jan 6, 2016 & Later</p>							FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 52T 12.09P 20° PA Spur LOCATION: Front PLMF: 3,439 PLV: 1126 RPM RPM: 1,000					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	FR3C-F1209-63BX	2, 3, 4	Opp	127					Included	Power	236	54

FOOTNOTES:

- 1 Engine driven direct drive PTO gear. Diesel engine vehicles built after Jan 6, 2016 have a PTO drive gear rated to 300 lb.ft. This is reflected in the PTO rating shown above.
- 2 Rating shown is for stationary applications only. The DIESEL engine can be used in stationary or mobile applications. Ford engineering limits the output torque of the transmission gear in mobile operation which allows for the PTO output torque of 120 lb.ft.
- 3 Remote mount 1¼" Rd keyed output Shaft.
- 4 The FR3C is not currently available for Direct Mount Pump Output. Use FR6Q on FORD -10 for direct mount pump applications.
- 5 Optional overspeed protection, order SPD-1001 series device, sold separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY					
	TORQSHIFT 10R140 10-SPEED 2020 & LATER F250 THRU F-600 DIESEL Footnote (1, 2, 3, 4, 5, 6, 7, 8)						10-BOLT OPENING					
							PTO DRIVE GEAR DATA: 46T 12.16P 19.1° PA SPUR LOCATION: Front PLMF: 1.748 PLV: 1,356 FPM RPM: 1,000					
10-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	F20-F1312-DX51XPX		Opp	130					Included	Power	261	50
	F20-F1312-DX5TNPX		Opp	130					Included	Power	261	50
	F20-F1312-DX5BAPX		Opp	130					Included	Power	261	50

FOOTNOTES:

- 1 Engine driven direct drive PTO gear.
- 2 Rating shown is for stationary applications only.
- 3 Direct Mount Pump Output - see charts below for hydraulic pump applications. Max pump RPM shown at 0 in.Hg.
- 4 PTO output torque rating is based on the maximum available torque from the transmission.
- 5 Optional overspeed protection, order, sold separately.
- 6 Available with Muncie Start®. Order shift code DS for Muncie Start®.
- 7 Torque rating in mobile mode limited to 130 lbs.ft./25 HP
- 8 Remote mount 1¼" RD keyed output shaft. Drive line version only for 4x2 chassis.

Pump Selection Example:

- a. Understand the flow and pressure requirement of your application.
- b. Find the closest pump output flow from the chart that is based on the most appropriate engine speed for your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire.
- c. Example: if your system required 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-502 would give you a pump which will deliver the 8 GPM at 1,300 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,700 RPM.
- d. After the Pump Series and size is selected for your application, then complete pump model number can be ordered.

The PF Series would follow the model code: PF4-***-16QSRL. The PH Series would follow the model code: PH1-**-02ASRL-M (Size 03, 05, 07, 08, 09, 11 GPM) for the "BA" output option.

MODEL PF4-*-16QSRL (PTO OUTPUT "TN") APPROXIMATE PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE**

ENGINE SPEED

	PF4-870 <i>2.01 cu. in./Rev</i>		PF4-818 <i>1.83 cu. in./Rev</i>		PF4-714 <i>1.71 cu. in./Rev</i>		PF4-606 <i>1.4 cu. in./Rev</i>		PF4-502 <i>1.16 cu. in./Rev</i>		PF4-424 <i>0.98 cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	10.2	2,320	9.3	2,900	8.7	2,900	7.1	3,625	5.9	3,625	5.0	3,625
1,000	11.3	2,320	10.3	2,900	9.6	2,900	7.9	3,625	6.5	3,625	5.5	3,625
1,100	12.4	2,320	11.3	2,900	10.6	2,900	8.7	3,625	7.2	3,625	6.1	3,625
1,200	13.6	2,320	12.4	2,900	11.5	2,900	9.5	3,625	7.8	3,625	6.6	3,625
1,300	14.7	2,320	13.5	2,900	12.5	2,900	10.2	3,625	8.5	3,625	7.2	3,625
1,500	17.0	2,320	15.4	2,900	14.4	2,900	11.8	3,625	9.8	3,625	8.3	3,625
1,700	19.2	2,320	17.5	2,900	16.4	2,900	13.4	3,625	11.1	3,625	9.4	3,625
1,900	21.5	2,320	19.6	2,900	18.3	2,900	15.0	3,625	12.4	3,625	10.5	3,625
2,100									13.7	3,625	11.6	3,625
2,300									15.0	3,625	12.7	3,625
2,500												

ENGINE SPEED

	PF4-368 <i>0.85 cu. in./Rev</i>		PF4-290 <i>0.67 cu. in./Rev</i>		PF4-264 <i>0.61 cu. in./Rev</i>		PF4-212 <i>0.49 cu. in./Rev</i>		PF4-160 <i>0.37cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	4.3	3,625	3.4	3,625	3.1	3,625	2.5	3,625	1.9	3,625
1,000	4.8	3,625	3.8	3,625	3.4	3,625	2.8	3,625	2.1	3,625
1,100	5.3	3,625	4.1	3,625	3.8	3,625	3.0	3,625	2.3	3,625
1,200	5.7	3,625	4.5	3,625	4.1	3,625	3.3	3,625	2.5	3,625
1,300	6.2	3,625	4.9	3,625	4.5	3,625	3.6	3,625	2.7	3,625
1,500	7.2	3,625	5.7	3,625	5.1	3,625	4.1	3,625	3.1	3,625
1,700	8.1	3,625	6.4	3,625	5.8	3,625	4.7	3,625	3.5	3,625
1,900	9.1	3,625	7.2	3,625	6.5	3,625	5.2	3,625	4.0	3,625
2,100	10.0	3,625	7.9	3,625	7.2	3,625	5.8	3,625	4.3	3,625
2,300	11.0	3,625	8.7	3,625	7.9	3,625	6.3	3,625	4.8	3,625
2,500										

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.

To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example: Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM / 231
1.4 × 1,820 / 231 = 11.0 GPM

* Theoretical Flow Shown.

Speed shown for pump at 0 in.Hg. vacuum.

EXCEEDS
MAX RPM

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MODEL PH1--02ASRL-M (PTO OUTPUT "BA") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED	PH1-11 <i>2.48 cu. in./Rev</i>		PH1-09 <i>2.17 cu. in./Rev</i>		PH1-08 <i>1.86 cu. in./Rev</i>		PH1-07 <i>1.55 cu. in./Rev</i>		PH1-05 <i>1.24 cu. in./Rev</i>		PH1-03 <i>0.62 cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	12.6	2,500	11.0	2,900	9.4	3,250	7.9	3,500	6.3	3,500	3.1	3,500
1000	14.0	2,500	12.2	2,900	10.5	3,250	8.7	3,500	7.0	3,500	3.5	3,500
1100	15.4	2,500	13.4	2,900	11.5	3,250	9.6	3,500	7.7	3,500	3.8	3,500
1200	16.7	2,500	14.7	2,900	12.6	3,250	10.5	3,500	8.4	3,500	4.2	3,500
1300	18.1	2,500	15.9	2,900	13.6	3,250	11.3	3,500	9.1	3,500	4.5	3,500
1500	20.9	2,500	18.3	2,900	15.7	3,250	13.1	3,500	10.5	3,500	5.2	3,500
1700	23.7	2,500	20.8	2,900	17.8	3,250	14.8	3,500	11.9	3,500	5.9	3,500
1900	26.5	2,500	23.2	2,900	19.9	3,250	16.6	3,500	13.3	3,500	6.6	3,500

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example:
 Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO
 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,820/231 = 11.0 GPM

NOTE: PK SERIES PUMPS ARE FOR 4X2 TRUCKS ONLY

MODEL PK1--02ACRL-M (PTO OUTPUT "Q") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED	PK1-17 <i>3.94 cu. in./Rev</i>		PK1-13 <i>2.96 cu. in./Rev</i>		PK1-06 <i>1.47 cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	20.0	2,500	15.0	3,000	7.4	3,000
1,000	23.3	2,500	16.7	3,000	8.3	3,000
1,100	24.4	2,500	18.3	3,000	9.1	3,000
1,200	26.6	2,500	20.0	3,000	9.9	3,000
1,300	28.8	2,500	21.7	3,000	10.8	3,000
1,500	33.3	2,500	25.0	3,000	12.4	3,000
1,700	37.7	2,500	28.3	3,000	14.1	3,000
1,900	41.1	2,500	31.7	3,000	15.7	3,000

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example:
 Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO
 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,820/231 = 11.0 GPM

* Theoretical Flow Shown.

Speed shown for pump at 0 in.Hg. vacuum.

MODEL PT2-025-21BRL (PTO OUTPUT "UU") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE

ENGINE SPEED	PT2-025 <i>1.56 cu. in./Rev</i>	
	GPM	MAX. PSI
900	7.90	6,525
1,000	8.78	6,525
1,100	9.66	6,525
1,200	10.54	6,525
1,300	11.41	6,525
1,500	13.17	6,525
1,700	14.93	6,525
1,900		

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example:
 Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO
 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,820/231 = 11.0 GPM

* Theoretical Flow Shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION						LEFT SIDE ONLY						
	TORQSHIFT 10R140 10-SPEED 2020 & LATER F250 THRU F-600 GAS Footnote (1, 2, 3, 4, 5, 6, 7, 8)					10-BOLT OPENING						
						PTO DRIVE GEAR DATA: 46T 12.16P 19.1° PA LOCATION: Front PLMF: 1.748 PLV: 1,356 FPM RPM: 1,000						
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM of PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	F20-F1312-GX51XPX		Opp	130					Included	Power	217	41
	F20-F1312-GX5TNPX		Opp	130					Included	Power	217	41
	F20-F1312-GX5BAPX		Opp	130					Included	Power	217	41

FOOTNOTES:

- 1 Engine driven direct drive PTO gear.
- 2 Rating shown is for stationary applications only.
- 3 Direct Mount Pump Output - see charts below for hydraulic pump applications. Max pump RPM shown at 0 in.Hg.
- 4 PTO output torque rating is based on the maximum available torque from the transmission.
- 5 Optional overspeed protection, order, sold separately.
- 6 Available with Muncie Start®. Order shift code GS for Muncie Start.
- 7 Torque rating in mobile mode limited to 109 lbs.ft./21 HP with 7.3L gas engine, and 100 lbs.ft./19 Hp with 6.2L gas engine.
- 8 Remote mount 1/4" RD keyed output shaft. Drive line version only for 4x2 chassis.

Pump Selection Example:

- a. Understand the flow and pressure requirement of your application.
- b. Find the closest pump output flow from the chart that is based on the most appropriate engine speed for your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire.
- c. Example: if your system required 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-502 would give you a pump which will deliver the 8 GPM at 1,300 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,700 RPM.
- d. After the Pump Series and size is selected for your application, then complete pump model number can be ordered.

The PF Series would follow the model code: PF4-***-16QSRL. The PH Series would follow the model code: PH1-**-02ASRL-M (Size 03, 05, 07, 08, 09, 11 GPM) for the "BA" output option.

MODEL PF4-*-16QSRL (PTO OUTPUT "TN") APPROXIMATE PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE**

ENGINE SPEED	PF4-870 <i>2.01 cu. in./Rev</i>		PF4-818 <i>1.83 cu. in./Rev</i>		PF4-714 <i>1.71 cu. in./Rev</i>		PF4-606 <i>1.4 cu. in./Rev</i>		PF4-502 <i>1.16 cu. in./Rev</i>		PF4-424 <i>0.98 cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	10.2	2,320	9.3	2,900	8.7	2,900	7.1	3,625	5.9	3,625	5.0	3,625
1,000	11.3	2,320	10.3	2,900	9.6	2,900	7.9	3,625	6.5	3,625	5.5	3,625
1,100	12.4	2,320	11.3	2,900	10.6	2,900	8.7	3,625	7.2	3,625	6.1	3,625
1,200	13.6	2,320	12.4	2,900	11.5	2,900	9.5	3,625	7.8	3,625	6.6	3,625
1,300	14.7	2,320	13.5	2,900	12.5	2,900	10.2	3,625	8.5	3,625	7.2	3,625
1,500	17.0	2,320	15.4	2,900	14.4	2,900	11.8	3,625	9.8	3,625	8.3	3,625
1,700	19.2	2,320	17.5	2,900	16.4	2,900	13.4	3,625	11.1	3,625	9.4	3,625
1,900	21.5	2,320	19.6	2,900	18.3	2,900	15.0	3,625	12.4	3,625	10.5	3,625
2,100									13.7	3,625	11.6	3,625
2,300									15.0	3,625	12.7	3,625
2,500												

EXCEEDS
MAX RPM

ENGINE SPEED	PF4-368 <i>0.85 cu. in./Rev</i>		PF4-290 <i>0.67 cu. in./Rev</i>		PF4-264 <i>0.61 cu. in./Rev</i>		PF4-212 <i>0.49 cu. in./Rev</i>		PF4-160 <i>0.37cu. in./Rev</i>	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	4.3	3,625	3.4	3,625	3.1	3,625	2.5	3,625	1.9	3,625
1,000	4.8	3,625	3.8	3,625	3.4	3,625	2.8	3,625	2.1	3,625
1,100	5.3	3,625	4.1	3,625	3.8	3,625	3.0	3,625	2.3	3,625
1,200	5.7	3,625	4.5	3,625	4.1	3,625	3.3	3,625	2.5	3,625
1,300	6.2	3,625	4.9	3,625	4.5	3,625	3.6	3,625	2.7	3,625
1,500	7.2	3,625	5.7	3,625	5.1	3,625	4.1	3,625	3.1	3,625
1,700	8.1	3,625	6.4	3,625	5.8	3,625	4.7	3,625	3.5	3,625
1,900	9.1	3,625	7.2	3,625	6.5	3,625	5.2	3,625	4.0	3,625
2,100	10.0	3,625	7.9	3,625	7.2	3,625	5.8	3,625	4.3	3,625
2,300	11.0	3,625	8.7	3,625	7.9	3,625	6.3	3,625	4.8	3,625
2,500										

PLEASE NOTE:
If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.

To calculate the PTO output speed:
Engine speed × 130% = PTO output speed. Example: Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: $Disp \times RPM / 231$
1.4 × 1,820 / 231 = 11.0 GPM

* Theoretical Flow Shown. Speed shown for pump at 0 in.Hg. vacuum.

MODEL PH1--02ASRL-M (PTO OUTPUT "BA") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED

	PH1-11 2.48 cu. in./Rev		PH1-09 2.17 cu. in./Rev		PH1-08 1.86 cu. in./Rev		PH1-07 1.55 cu. in./Rev		PH1-05 1.24 cu. in./Rev		PH1-03 0.62 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	12.6	2,500	11.0	2,900	9.4	3,250	7.9	3,500	6.3	3,500	3.1	3,500
1000	14.0	2,500	12.2	2,900	10.5	3,250	8.7	3,500	7.0	3,500	3.5	3,500
1100	15.4	2,500	13.4	2,900	11.5	3,250	9.6	3,500	7.7	3,500	3.8	3,500
1200	16.7	2,500	14.7	2,900	12.6	3,250	10.5	3,500	8.4	3,500	4.2	3,500
1300	18.1	2,500	15.9	2,900	13.6	3,250	11.3	3,500	9.1	3,500	4.5	3,500
1500	20.9	2,500	18.3	2,900	15.7	3,250	13.1	3,500	10.5	3,500	5.2	3,500
1700	23.7	2,500	20.8	2,900	17.8	3,250	14.8	3,500	11.9	3,500	5.9	3,500
1900	26.5	2,500	23.2	2,900	19.9	3,250	16.6	3,500	13.3	3,500	6.6	3,500

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example:
 Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO

 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,820/231 = 11.0 GPM

NOTE: PK SERIES PUMPS ARE FOR 4X2 TRUCKS ONLY

MODEL PK1--02ACRL-M (PTO OUTPUT "Q") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE**

ENGINE SPEED

	PK1-17 3.94 cu. in./Rev		PK1-13 2.96 cu. in./Rev		PK1-06 1.47 cu. in./Rev	
	GPM	MAX. PSI	GPM	MAX. PSI	GPM	MAX. PSI
900	20.0	2,500	15.0	3,000	7.4	3,000
1,000	23.3	2,500	16.7	3,000	8.3	3,000
1,100	24.4	2,500	18.3	3,000	9.1	3,000
1,200	26.6	2,500	20.0	3,000	9.9	3,000
1,300	28.8	2,500	21.7	3,000	10.8	3,000
1,500	33.3	2,500	25.0	3,000	12.4	3,000
1,700	37.7	2,500	28.3	3,000	14.1	3,000
1,900	41.1	2,500	31.7	3,000	15.7	3,000

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example:
 Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO

 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,820/231 = 11.0 GPM

* Theoretical Flow Shown.

Speed shown for pump at 0 in.Hg. vacuum.

MODEL PT2-025-21BRL (PTO OUTPUT "UU") APPROXIMATE PUMP OUTPUT FLOW AND MAXIMUM PRESSURE

	PT2-025 1.56 cu. in./Rev	
	GPM	MAX. PSI
900	7.90	6,525
1,000	8.78	6,525
1,100	9.66	6,525
1,200	10.54	6,525
1,300	11.41	6,525
1,500	13.17	6,525
1,700	14.93	6,525
1,900		

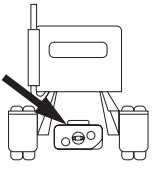

PLEASE NOTE:
 If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when you apply that pump to this application.
To calculate the PTO output speed:
 Engine speed × 130% = PTO output speed. Example:
 Engine speed of 1,400 RPM would yield the following:
1,400 × 1.30 = 1,820 RPM PTO

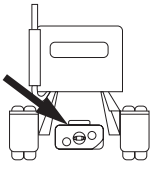

 A 6 GPM pump (like the PF4-606) would deliver a theoretical output flow of: Disp × RPM/231
1.4 × 1,820/231 = 11.0 GPM

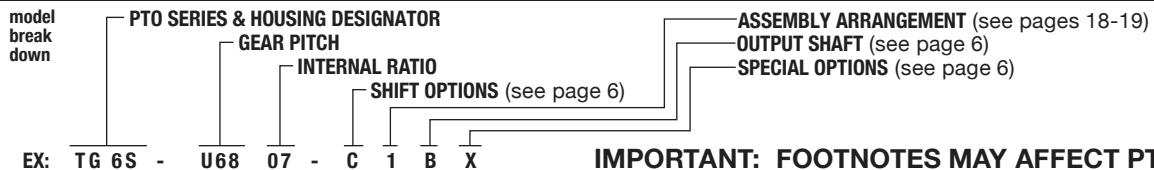
* Theoretical Flow Shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								TOP SIDE ONLY (BOTTOM SIDE TURN PAGE)				
 AT-1202 (Auxiliary) (Speeds shown with the main transmission in direct drive) Footnote (2)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U5704-C3BX	1	Opp	50				23M80032	Included	Cable	285	54
	TG8S-U5705-C3BX	1	Opp	66				23M80032	Included	Cable	270	51
	TG8S-U5706-C3BX	1	Opp	86				23M80032	Included	Cable	245	47
	TG8S-U5707-C3BX	1	Opp	101				23M80032	Included	Cable	230	44
	TG8S-U5708-C3BX	1	Opp	124				23M80032	Included	Cable	230	44
	TG8S-U5709-C3BX	1	Opp	129				23M80032	Included	Cable	205	39
	TG8S-U5712-C3BH	1	Opp	158				23M80032	Included	Cable	210	40
	TG8S-U5713-C3BH	1	Opp	180				23M80032	Included	Cable	210	40
	TG8S-U5715-C3BH	1	Opp	203				23M80032	Included	Cable	195	37
	TG8S-U5718-C3BH	1	Opp	241				23M80032	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-U5705-L3BX	3	Opp	78		78		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

FULLER TRANSMISSION								TOP SIDE ONLY (BOTTOM SIDE TURN PAGE)				
 AT-1202 (Auxiliary) (Speeds shown with the main transmission in direct drive) Footnote (2)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U5713-L3CX		Opp	133					Included	Lever	375	71
1 FWD. 1 REV.												

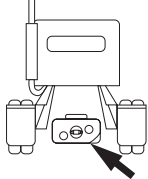



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

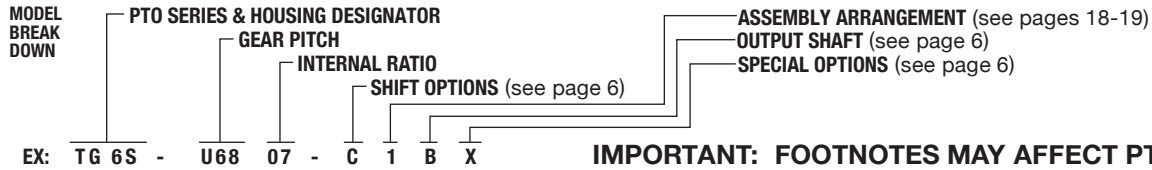
FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 There are two shifter options for this auxiliary transmission. Only one of them has a neutral position for stationary operation with PTO. Contact your truck dealer for conversion.
- 3 Do not use RL Series for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM SIDE ONLY (TOP SIDE TURN PAGE)				
	AT-1202 (Auxiliary) (Speeds shown with the main transmission in direct drive) Footnote (2)						SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
			30T 5P 20° Spur			PLMF: 1.05						
			LOCATION: Front			RPM: 933		PLV: 1465 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U5704-C1BX	1	Opp	50				23M60032S	Included	Cable	285	54
	TG6S-U5705-C1BX	1	Opp	66				23M60032S	Included	Cable	270	51
	TG6S-U5706-C1BX	1	Opp	86				23M60032S	Included	Cable	245	47
	TG6S-U5707-C1BX	1	Opp	101				23M60032S	Included	Cable	230	44
	TG6S-U5708-C1BX	1	Opp	124				23M60032S	Included	Cable	230	44
	TG6S-U5709-C1BX	1	Opp	129				23M60032S	Included	Cable	205	39
	TG6S-U5712-C1BH	1	Opp	158				23M60032S	Included	Cable	210	40
	TG6S-U5713-C1BH	1	Opp	180				23M60032S	Included	Cable	210	40
	TG6S-U5715-C1BH	1	Opp	203				23M60032S	Included	Cable	195	37
	TG6S-U5718-C1BH	1	Opp	241				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U5705-L3BX	3	Opp	78		78		23M60240S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TU5700 + 23M62000 + 23M60032S + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

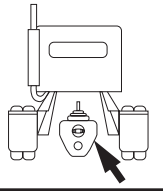



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 There are two shifter options for this auxiliary transmission. Only one of them has a neutral position for stationary operation with PTO. Contact your truck dealer for conversion.
- 3 Do not use RL Series for continuous duty applications.

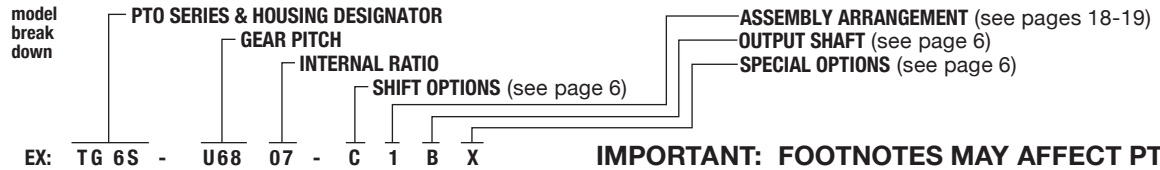
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 FS-3005A (1988 & before)² FS-4005A (before Nov. 87)³ CL-450 (Clark)						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 25T 5.700P 25° PA 38.7° R.H. LOCATION: Front PLMF: 1.085 PLV: 646 FPM RPM: 459		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C5707-C1BX	1	Opp	46					Included	Cable	230	44
	TG6S-C5708-C1BX	1	Opp	57					Included	Cable	230	44
	TG6S-C5709-C1BX	1	Opp	59					Included	Cable	205	39
	TG6S-C5712-C1BH	1	Opp	72					Included	Cable	210	40
	TG6S-C5713-C1BH	1	Opp	82					Included	Cable	210	40
	TG6S-C5715-C1BH	1	Opp	93					Included	Cable	195	37
	TG6S-C5718-C1BH	1	Opp	110					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

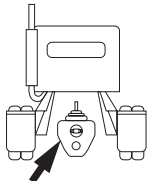



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

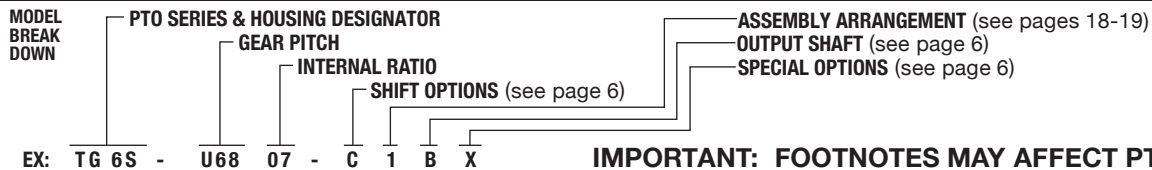
FOOTNOTES:

- 1 TG Series Input Gear: #03T34810 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	FS-3005A (1988 & before)² FS-4005A (before Nov. 87)³ CL-450 (Clark)						SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:		25T 5.700P 25° PA 38.7° R.H. LOCATION: Front PLMF: 1.085 PLV: 646 FPM RPM: 459			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C5707-C3BX	1, 4	Opp	46					Included	Cable	230	44
	TG6S-C5708-C3BX	1, 4	Opp	57					Included	Cable	230	44
	TG6S-C5709-C3BX	1, 4	Opp	59					Included	Cable	205	39
	TG6S-C5712-C3BH	1, 4	Opp	72					Included	Cable	210	40
	TG6S-C5713-C3BH	1, 4	Opp	82					Included	Cable	210	40
	TG6S-C5715-C3BH	1, 4	Opp	93					Included	Cable	195	37
	TG6S-C5718-C3BH	1, 4	Opp	110					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

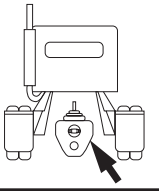



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

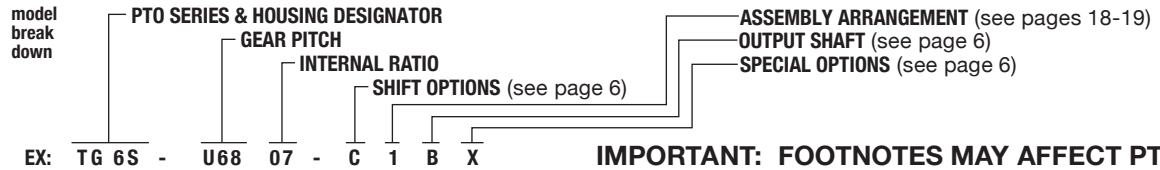
FOOTNOTES:

- 1 TG Series Input Gear: #03T34810 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.
- 4 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		FS-3005B (1988 & before) ² FS-4005B (before Nov. 87) ³ CL-455 (Clark)						SAE 6-BOLT OPENING				
		PTO DRIVE GEAR DATA:										
		25T 5.700P 25° PA 38.7° R.H.						LOCATION: Front		PLMF: 1.085		
		PLV: 745 FPM						RPM: 529				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C5707-C1BX	1	Opp	53					Included	Cable	230	44
	TG6S-C5708-C1BX	1	Opp	65					Included	Cable	230	44
	TG6S-C5709-C1BX	1	Opp	68					Included	Cable	205	39
	TG6S-C5712-C1BH	1	Opp	84					Included	Cable	210	40
	TG6S-C5713-C1BH	1	Opp	95					Included	Cable	210	40
	TG6S-C5715-C1BH	1	Opp	107					Included	Cable	195	37
	TG6S-C5718-C1BH	1	Opp	127					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

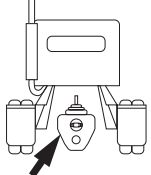



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

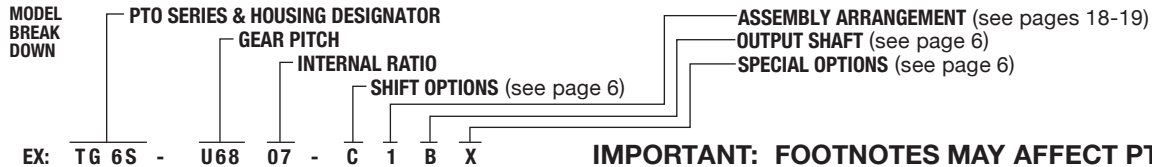
FOOTNOTES:

- 1 TG Series Input Gear: #03T34810 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 <p style="text-align: center;">FS-3005B (1988 & before)² FS-4005B (before Nov. 87)³ CL-455 (Clark)</p>								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								25T 5.700P 25° PA 38.7° R.H.				
								LOCATION: Front		PLMF: 1.085		
								PLV: 745 FPM		RPM: 529		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C5707-C3BX	1, 4	Opp	53					Included	Cable	230	44
	TG6S-C5708-C3BX	1, 4	Opp	65					Included	Cable	230	44
	TG6S-C5709-C3BX	1, 4	Opp	68					Included	Cable	205	39
	TG6S-C5712-C3BH	1, 4	Opp	84					Included	Cable	210	40
	TG6S-C5713-C3BH	1, 4	Opp	95					Included	Cable	210	40
	TG6S-C5715-C3BH	1, 4	Opp	107					Included	Cable	195	37
	TG6S-C5718-C3BH	1, 4	Opp	127					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

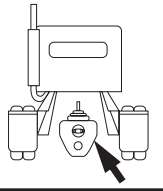



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

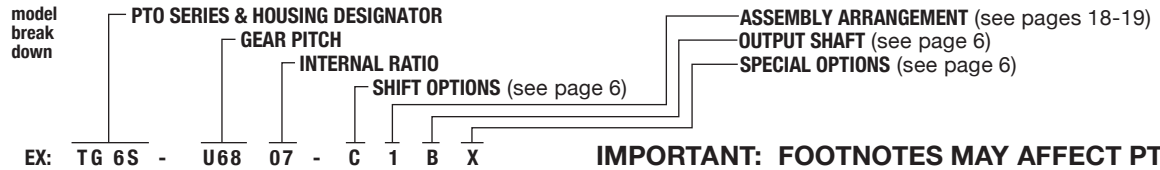
FOOTNOTES:

- 1 TG Series Input Gear: #03T34810 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.
- 4 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	FS-3005C, FS-3205C, FS-4005C, FS-4205C CL-457 (Clark)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 29T 6.100P 25° PA 32.5° R.H. LOCATION: Front PLMF: .982 PLV: 773 FPM RPM: 529				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C6107-C1BX	1	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C6108-C1BX	1	Opp	68				23M60093S	20MK6602	Cable	230	44
	TG6S-C6109-C1BX	1	Opp	71				23M60093S	20MK6602	Cable	205	39
	TG6S-C6112-C1BH	1	Opp	87				23M60093S	20MK6602	Cable	210	40
	TG6S-C6113-C1BH	1	Opp	99				23M60093S	20MK6602	Cable	210	40
	TG6S-C6115-C1BH	1	Opp	112				23M60093S	20MK6602	Cable	195	37
	TG6S-C6118-C1BH	1	Opp	132				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6S-C6112-E1BX		Opp	88				23M60062S	Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

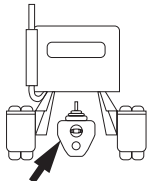



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

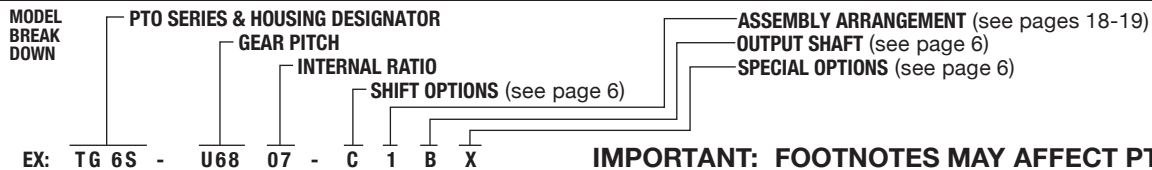
FOOTNOTES:

1 TG Series Input Gear: #03T34454 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FS-3005C, FS-3205C, FS-4005C, FS-4205C CL-457 (Clark)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 29T 6.100P 25° PA 32.5° R.H. LOCATION: Front PLMF: .982 PLV: 773 FPM RPM: 529				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C6107-C3BX	1, 2	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C6108-C3BX	1, 2	Opp	68				23M60093S	20MK6602	Cable	230	44
	TG6S-C6109-C3BX	1, 2	Opp	71				23M60093S	20MK6602	Cable	205	39
	TG6S-C6112-C3BH	1, 2	Opp	87				23M60093S	20MK6602	Cable	210	40
	TG6S-C6113-C3BH	1, 2	Opp	99				23M60093S	20MK6602	Cable	210	40
	TG6S-C6115-C3BH	1, 2	Opp	112				23M60093S	20MK6602	Cable	195	37
	TG6S-C6118-C3BH	1, 2	Opp	132				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6S-C6112-E3BX	3	Opp	88				23M60062S	Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

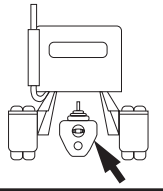



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34454 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

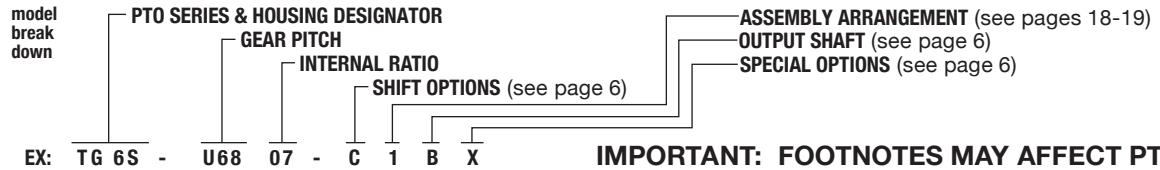
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 FS-3005A, FS-3205A (1989 and after)² FS-4005A, FS4205A (Nov. 87 and after)³						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 28T 6.1P 20.5° PA 29° R.H. LOCATION: Front PLMF: 1.1469 PLV: 631 FPM RPM: 459		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6107-C1BX	1	Opp	44					Included	Cable	230	44
	TG6S-F6108-C1BX	1	Opp	54					Included	Cable	230	44
	TG6S-F6109-C1BX	1	Opp	56					Included	Cable	205	39
	TG6S-F6112-C1BH	1	Opp	69					Included	Cable	210	40
	TG6S-F6113-C1BH	1	Opp	78					Included	Cable	210	40
	TG6S-F6115-C1BH	1	Opp	88					Included	Cable	195	37
	TG6S-F6118-C1BH	1	Opp	105					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-F6105-L3BX	4	Opp	38		38			Included	Lever	200	38

ADAPTER TO CHANGE ROTATION 5 40TF6168 + 23M61500 + 23M60062S Change PTO to U68 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

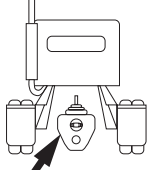



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

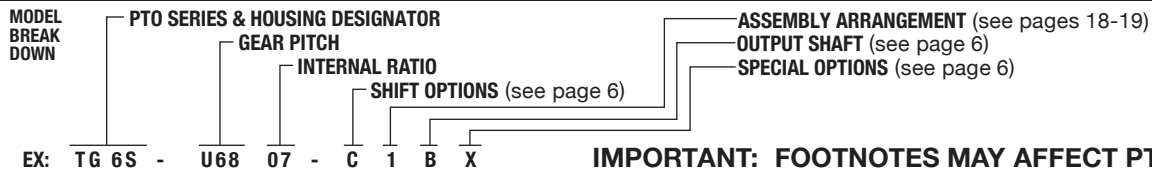
FOOTNOTES:

- 1 TG Series Input Gear: #03T35031 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.
- 4 Do not use RL Series for continuous duty applications.
- 5 Change PTO to U68 input gear, for RL PTO add 23M60200S spacer and 20MK6603 stud kit.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 FS-3005A, FS-3205A (1989 and after)² FS-4005A, FS4205A (Nov. 87 and after)³								SAE 6-BOLT OPENING				PTO DRIVE GEAR DATA:	
								6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
				HI	LO	REV						TORQUE	HP
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG6S-F6107-C3BX	1	Opp	44						Included	Cable	230	44
	TG6S-F6108-C3BX	1	Opp	54						Included	Cable	230	44
	TG6S-F6109-C3BX	1	Opp	56						Included	Cable	205	39
	TG6S-F6112-C3BH	1	Opp	69						Included	Cable	210	40
	TG6S-F6113-C3BH	1	Opp	78						Included	Cable	210	40
	TG6S-F6115-C3BH	1	Opp	88						Included	Cable	195	37
	TG6S-F6118-C3BH	1	Opp	105						Included	Cable	175	33
SH SERIES													
CLUTCH SHIFT													
1 FWD. 1 REV.	RL6D-F6105-L3BX	4	Opp	38		38				Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TF6168 + 23M61500 + 23M60062S Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

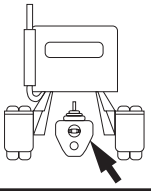



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

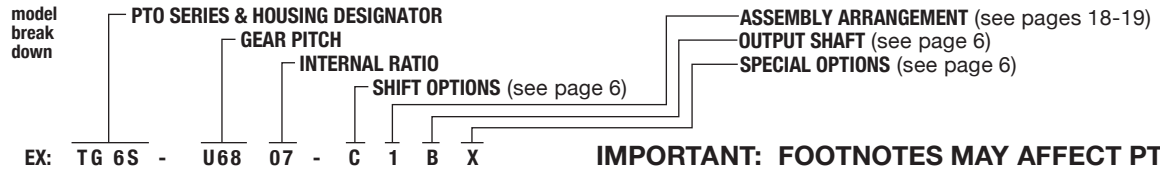
FOOTNOTES:

- 1 TG Series Input Gear: #03T35031 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.
- 4 Do not use on RL Series for continuous duty applications.
- 5 Change PTO to U68 input gear, for RL PTO add 23M60200S spacer and 20MK6603 stud kit.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	FS-3005B, FS-3205B (1989 and after)² FS-4005B, FS4205B (Nov. 87 and after)³							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								28T 6.1P 20.5° PA 29° R.H. LOCATION: Front PLMF: 1.1469 PLV: 726 FPM RPM: 529				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6106-C1BX	1	Opp	43					Included	Cable	245	47
	TG6S-F6107-C1BX	1	Opp	51					Included	Cable	230	44
	TG6S-F6108-C1BX	1	Opp	62					Included	Cable	230	44
	TG6S-F6109-C1BX	1	Opp	65					Included	Cable	205	39
	TG6S-F6112-C1BH	1	Opp	80					Included	Cable	210	40
	TG6S-F6113-C1BH	1	Opp	91					Included	Cable	210	40
	TG6S-F6115-C1BH	1	Opp	102					Included	Cable	195	37
	TG6S-F6118-C1BH	1	Opp	121					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6S-U6809-E1BX		Crnk	68			40TF6168	23M61500+23M60062S	Included	Power	275	52
	CS6S-U6812-E1BX		Crnk	90			40TF6168	23M61500+23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-F6105-L3BX	4	Opp	44					Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TF6168 + 23M61500 + 23M60062S Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

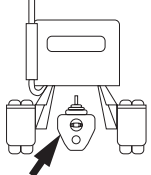



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

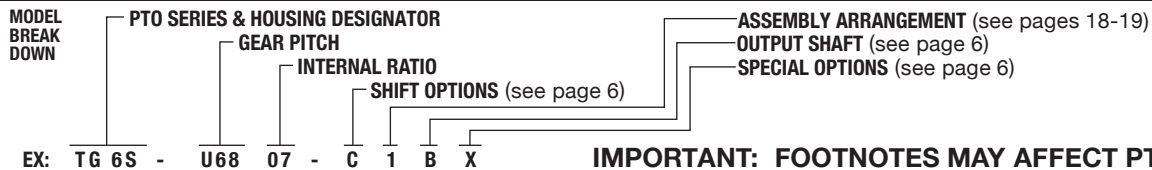
FOOTNOTES:

- 1 TG Series Input Gear: #03T35031 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.
- 4 Do not use RL Series for continuous duty applications.
- 5 Change PTO to U68 input gear, for RL PTO add 23M60200S spacer and 20MK6603 stud kit.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FS-3005B, FS-3205B (1989 and after)² FS-4005B, FS-4205B (Nov. 87 and after)³						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								28T 6.1P 20.5° PA 29° R.H. LOCATION: Front PLMF: 1.1469 PLV: 726 FPM RPM: 529				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6106-C3BX	1	Opp	43					Included	Cable	245	47
	TG6S-F6107-C3BX	1	Opp	51					Included	Cable	230	44
	TG6S-F6108-C3BX	1	Opp	62					Included	Cable	230	44
	TG6S-F6109-C3BX	1	Opp	65					Included	Cable	205	39
	TG6S-F6112-C3BH	1	Opp	80					Included	Cable	210	40
	TG6S-F6113-C3BH	1	Opp	91					Included	Cable	210	40
	TG6S-F6115-C3BH	1	Opp	102					Included	Cable	195	37
	TG6S-F6118-C3BH	1	Opp	121					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6S-U6809-E3BX		Crnk	68			40TF6168	23M61500+23M60062S	Included	Power	275	52
	CS6S-U6812-E3BX		Crnk	90			40TF6168	23M61500+23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-F6105-L3BX	4	Opp	44		44			Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TF6168 + 23M61500 + 23M60062S Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


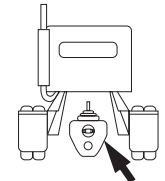


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35031 — Refer to kit program on pages 10 & 11.
- 2 See Page TI-20 for identification.
- 3 See Page TI-21 for identification.
- 4 Do not use on RL Series for continuous duty applications.
- 5 Change PTO to U68 input gear, for RL PTO add 23M60200S spacer and 20MK6603 stud kit.

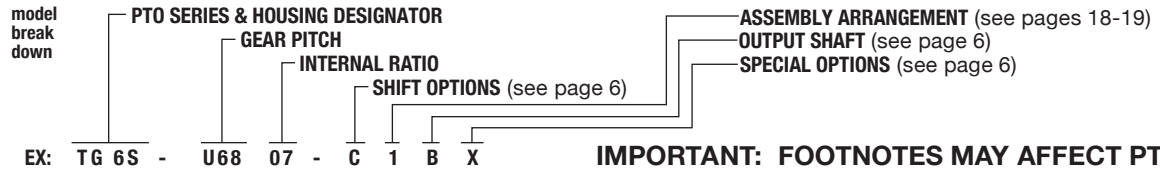
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
FS-5005A, FS-5005B³, FS-5005D, FS-5205A, FS-5205B³ 390V, CL-551, CL-558³, CL-559A, CL-559B		SAE 6-BOLT OPENING	
			PTO DRIVE GEAR DATA: 33T 7P 25° PA 30°46'48" R.H. LOCATION: Front PLMF: .988 PLV: 660 FPM RPM: 460

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C1BX	1, 2	Opp	46				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C1BX	1, 2	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C1BX	1, 2	Opp	58				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C1BH	1, 2	Opp	71				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C1BH	1, 2	Opp	81				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C1BH	1, 2	Opp	91				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C1BH	1, 2	Opp	109				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

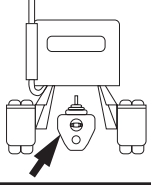



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

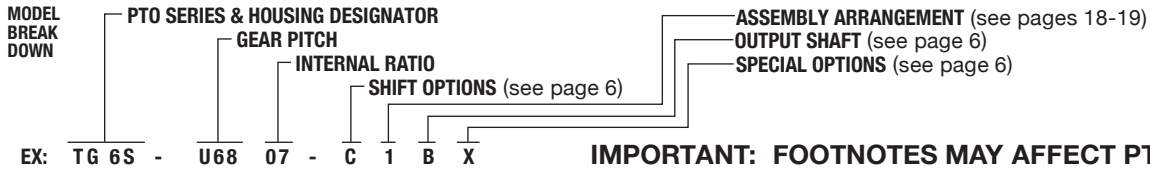
FOOTNOTES:

- 1 For Chevrolet and GMC 70 series chassis a #3 arrangement (shaft high) may be necessary for exhaust clearance.
- 2 TG Series Input Gear: #03T34453 — Refer to kit program on pages 10 & 11.
- 3 This transmission model requires PTO speeds shown to be multiplied by 1.18 for correct application percentage.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
 FS-5005A, FS-5005B³, FS-5005D, FS-5205A, FS-5205B³ 390V, CL-551, CL-558³, CL-559A, CL-559B								SAE 6-BOLT OPENING						
								6-BOLT TYPE		PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
						HI	LO	REV					TORQUE	HP
SINGLE GEAR														
SINGLE SPEED MULTI GEAR		TG6S-C6012-C4BH		2	Crnk	41								
		TG6S-C6013-C4BH		1, 2	Crnk	46					Included	Cable	210	40
		TG6S-C6015-C4BH		1, 2	Crnk	52					Included	Cable	195	37
		TG6S-C6018-C4BH		1, 2	Crnk	62					Included	Cable	175	33
SH SERIES														
CLUTCH SHIFT														
1 FWD. 1 REV.														
ADAPTER TO CHANGE ROTATION				No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE		PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
						HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR														
1 FWD. 1 REV.														

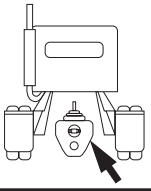



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

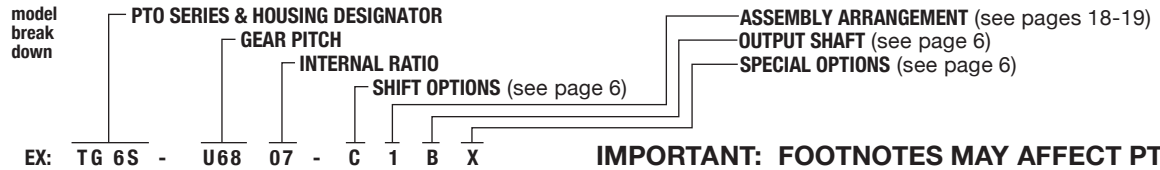
FOOTNOTES:

- 13, 15, 18 ratio TG Series interferes with internal casting within this opening. Use R.S. opening if possible.
- TG Series Input Gear: #03T34452 — Refer to kit program on pages 10 & 11.
- This transmission model requires PTO speeds shown to be multiplied by 1.18 for correct application percentage.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		FS-5005C, FS-5205C 397V, CL-557, CL-559C						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								30T 6.100P 25° PA 32°16'48" R.H. LOCATION: Front PLMF: .875 PLV: 827 FPM RPM: 543				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C6106-C1BX	1, 2	Opp	50				23M60200S	20MK6603	Cable	245	47
	TG6S-C6107-C1BX	1, 2	Opp	59				23M60200S	20MK6603	Cable	230	44
	TG6S-C6108-C1BX	1, 2	Opp	72				23M60200S	20MK6603	Cable	230	44
	TG6S-C6109-C1BX	1, 2	Opp	75				23M60200S	20MK6603	Cable	205	39
	TG6S-C6112-C1BH	1, 2	Opp	92				23M60200S	20MK6603	Cable	210	40
	TG6S-C6113-C1BH	1, 2	Opp	105				23M60200S	20MK6603	Cable	210	40
	TG6S-C6115-C1BH	1, 2	Opp	118				23M60200S	20MK6603	Cable	195	37
	TG6S-C6118-C1BH	1, 2	Opp	140				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6S-C6112-E1BX		Opp	93				23M60200S	20TK4433	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

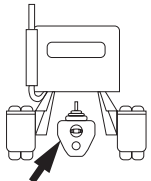



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

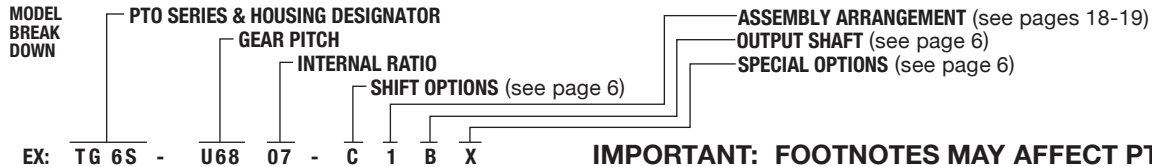
FOOTNOTES:

- 1 For Chevrolet and GMC 70 Series chassis a #3 arrangement (shaft high) may be necessary for exhaust clearance.
- 2 TG Series Input Gear: #03T34454 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
 FS-5005C, FS-5205C 397V, CL-557, CL-559C								SAE 6-BOLT OPENING						
								6-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
					HI	LO	REV					TORQUE	HP	
SINGLE GEAR														
SINGLE SPEED MULTI GEAR		TG6S-C6012-C4BH	2	Crnk	48						Included	Cable	210	40
		TG6S-C6013-C4BH	1, 2	Crnk	55						Included	Cable	210	40
		TG6S-C6015-C4BH	1, 2	Crnk	62						Included	Cable	195	37
		TG6S-C6018-C4BH	1, 2	Crnk	73						Included	Cable	175	33
SH SERIES														
CLUTCH SHIFT														
1 FWD. 1 REV.														
ADAPTER TO CHANGE ROTATION			No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
					HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR													
1 FWD. 1 REV.													

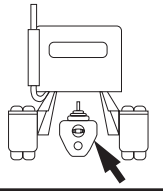



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

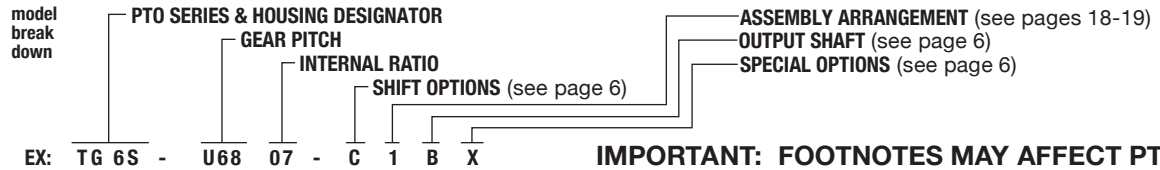
FOOTNOTES:

- 13, 15, 18 ratio TG Series interferes with internal casting within this opening. Use R.S. opening if possible.
- TG Series Input Gear: #03T34452 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	FS-5106A, FS-5306A, FS-5306X, FS-5406A, FS-6206A, FS-6406A, FS-6306A, FS-6306B, FSB-5406B⁵, FSB-6406B⁵							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								38T 6.35P 20° PA 22° R.H. LOCATION: Front PLMF: 1.085 PLV: 882 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6304-C1BX	1	Opp	30				23M60165S	20MK6603	Cable	285	54
	TG6S-F6305-C1BX	1	Opp	39				23M60165S	20MK6603	Cable	270	51
	TG6S-F6306-C1BX	1	Opp	50				23M60165S	20MK6603	Cable	245	47
	TG6S-F6307-C1BX	1	Opp	60				23M60165S	20MK6603	Cable	230	44
	TG6S-F6308-C1BX	1	Opp	73				23M60165S	20MK6603	Cable	230	44
	TG6S-F6309-C1BX	1	Opp	76				23M60165S	20MK6603	Cable	205	39
	TG6S-F6312-C1BH	1	Opp	93				23M60165S	20MK6603	Cable	210	40
	TG6S-F6313-C1BH	1	Opp	106				23M60165S	20MK6603	Cable	210	40
	TG6S-F6315-C1BH	1	Opp	120				23M60165S	20MK6603	Cable	195	37
	TG6S-F6318-C1BH	1	Opp	142				23M60165S	20MK6603	Cable	175	33
SH SERIES	SH6S-F6307-E1BX		Opp	57				23M60165S	20TK4433	Elec/Air	400	76
	SH6S-F6309-E1BX		Opp	72				23M60165S	20TK4433	Elec/Air	375	71
CLUTCH SHIFT	CS6S-F6307-E1BX		Opp	57				23M60165S	20TK4433	Power	300	57
	CS6S-F6309-E1BX		Opp	72				23M60165S	20TK4433	Power	275	52
	CS6S-F6312-E1BX		Opp	95				23M60165S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-F6305-L3BX	3	Opp	45		45		23M60350	20MK6604	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TF6368 + 23M61500 + 23M60200S					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

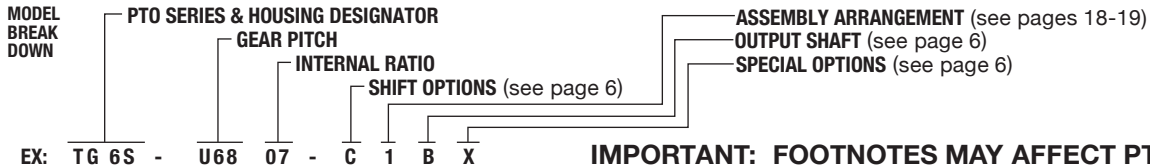
FOOTNOTES:

- 1 TG Series Input Gear: #03T35024 — Refer to kit program on pages 10 & 11.
- 2 8-Bolt opening optional on this side, refer to transmission manufacturing for specific transmissions.
- 3 Do not use RL Series for continuous duty applications.
- 4 Stud kit 20MK6617 included with adapter. Change PTO to U68 gear, PTO Spacer is not used with adapter. For RL add 23M60200S & 20MK6603.
- 5 This transmission model requires PTO speeds shown to be multiplied by 1.04 for correct application percentage.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	FS-5106A, FS-5306A, FS-5306X, FS-5406A, FS-6206A, FS-6406A, FS-6306A, FS-6306B, FSB-5406B⁴, FSB-6406B⁴							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								38T 6.35P 20° PA 22° R.H. LOCATION: Front PLMF: 1.085 PLV: 882 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6304-C3BX	1	Opp	30				23M60165S	20MK6603	Cable	285	54
	TG6S-F6305-C3BX	1	Opp	39				23M60165S	20MK6603	Cable	270	51
	TG6S-F6306-C3BX	1	Opp	50				23M60165S	20MK6603	Cable	245	47
	TG6S-F6307-C3BX	1	Opp	60				23M60165S	20MK6603	Cable	230	44
	TG6S-F6308-C3BX	1	Opp	73				23M60165S	20MK6603	Cable	230	44
	TG6S-F6309-C3BX	1	Opp	76				23M60165S	20MK6603	Cable	205	39
	TG6S-F6312-C3BH	1	Opp	93				23M60165S	20MK6603	Cable	210	40
	TG6S-F6313-C3BH	1	Opp	106				23M60165S	20MK6603	Cable	210	40
	TG6S-F6315-C3BH	1	Opp	120				23M60165S	20MK6603	Cable	195	37
	TG6S-F6318-C3BH	1	Opp	142				23M60165S	20MK6603	Cable	175	33
SH SERIES	SH6S-F6307-E3BX		Opp	57				23M60165S	20TK4433	Elec/Air	400	76
	SH6S-F6309-E3BX		Opp	72				23M60165S	20TK4433	Elec/Air	375	71
CLUTCH SHIFT	CS6S-F6307-E3BX		Opp	57				23M60165S	20TK4433	Power	300	57
	CS6S-F6309-E3BX		Opp	72				23M60165S	20TK4433	Power	275	52
	CS6S-F6312-E3BX		Opp	95				23M60165S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-F6305-L3BX	2	Opp	45		45		23M60350	20MK6604	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TF6368 + 23M61500 + 23M60200S					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

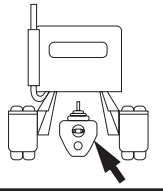



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

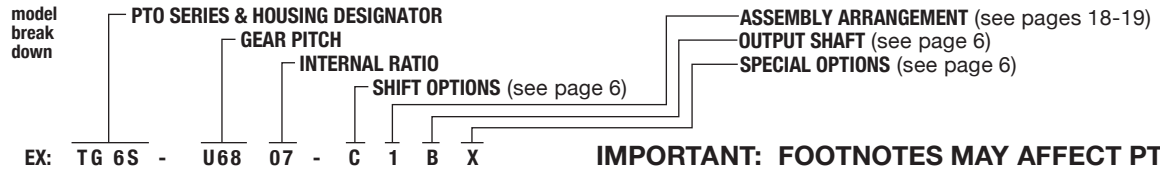
FOOTNOTES:

- 1 TG Series Input Gear: #03T35024 — Refer to kit program on pages 10 & 11.
- 2 Do not use RL Series for continuous duty applications.
- 3 Stud kit 20MK6617 included with adapter. Change PTO to U68 gear, PTO Spacer is not used with adapter. For RL add 23M60200S & 20MK6603.
- 4 This transmission model requires PTO speeds shown to be multiplied by 1.04 for correct application percentage.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		FS-5506, FS-6106, FS-6106A, FS-7206A, FS-8206A						SAE 8-BOLT OPENING				
		PTO DRIVE GEAR DATA: 50T 7.5P 22° PA 15° R.H. LOCATION: Front PLMF: .915 PLV: 822 FPM RPM: 455										
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-F7506-C1BX	1	Opp	48					Included	Cable	245	47
	TG8S-F7507-C1BX	1	Opp	56					Included	Cable	230	44
	TG8S-F7508-C1BX	1	Opp	69					Included	Cable	230	44
	TG8S-F7509-C1BX	1	Opp	72					Included	Cable	205	39
	TG8S-F7512-C1BH	1	Opp	88					Included	Cable	210	40
	TG8S-F7513-C1BH	1	Opp	100					Included	Cable	210	40
	TG8S-F7515-C1BH	1	Opp	113					Included	Cable	195	37
	TG8S-F7518-C1BH	1	Opp	135					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

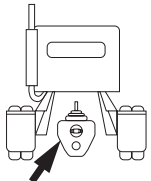



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

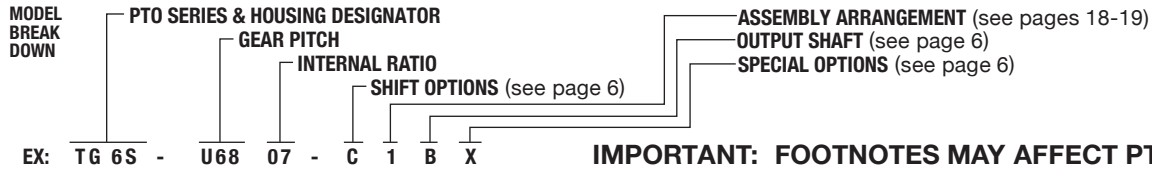
FOOTNOTES:

1 TG Series Input Gear: #03T96626 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FS-5506, FS-6106, FS-6106A, FS-7206A, FS-8206A						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								50T 7.5P 22° PA 15° R.H. LOCATION: Front PLMF: 1.190 PLV: 822 FPM RPM: 455				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F7506-C3BX	1	Opp	48					Included	Cable	245	47
	TG6S-F7507-C3BX	1	Opp	56					Included	Cable	230	44
	TG6S-F7508-C3BX	1	Opp	69					Included	Cable	230	44
	TG6S-F7509-C3BX	1	Opp	72					Included	Cable	205	39
	TG6S-F7512-C3BH	1	Opp	88					Included	Cable	210	40
	TG6S-F7513-C3BH	1	Opp	100					Included	Cable	210	40
	TG6S-F7515-C3BH	1	Opp	113					Included	Cable	195	37
	TG6S-F7518-C3BH	1	Opp	135					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

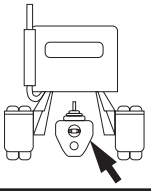



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

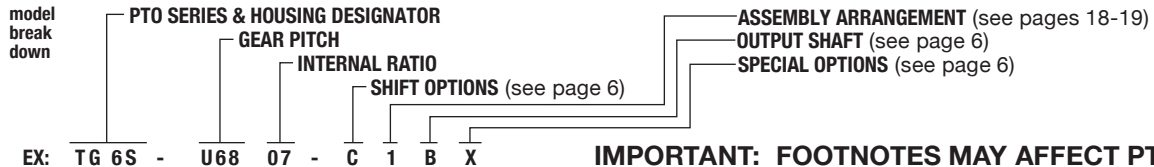
FOOTNOTES:

1 TG Series Input Gear: #03T96626 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
 FS-6105A, FS-6005A, FS-6205A, FS-6305A Footnote (2)								SAE 6-BOLT OPENING					
								PTO DRIVE GEAR DATA: 39T 6.35P 20° PA 22° R.H. LOCATION: Front PLMF: 1.000 PLV: 830 FPM RPM: 479					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG6S-F6304-C1BX	1	Opp	28				23M60240S	20MK6604	Cable	205	39	
	TG6S-F6305-C1BX	1	Opp	37				23M60240S	20MK6604	Cable	195	37	
	TG6S-F6306-C1BX	1	Opp	47				23M60240S	20MK6604	Cable	176	34	
	TG6S-F6307-C1BX	1	Opp	56				23M60240S	20MK6604	Cable	166	32	
	TG6S-F6308-C1BX	1	Opp	69				23M60240S	20MK6604	Cable	166	32	
	TG6S-F6309-C1BX	1	Opp	72				23M60240S	20MK6604	Cable	148	28	
	TG6S-F6312-C1BH	1	Opp	88				23M60240S	20MK6604	Cable	151	29	
	TG6S-F6313-C1BH	1	Opp	100				23M60240S	20MK6604	Cable	151	29	
	TG6S-F6315-C1BH	1	Opp	113				23M60240S	20MK6604	Cable	140	27	
	TG6S-F6318-C1BH	1	Opp	134				23M60240S	20MK6604	Cable	126	24	
SH SERIES	SH6S-F6307-E1BX		Opp	54				23M60240S	20TK4434	Elec/Air	288	55	
	SH6S-F6309-E1BX		Opp	67				23M60240S	20TK4434	Elec/Air	270	51	
CLUTCH SHIFT	CS6S-F6307-E1BX		Opp	54				23M60240S	20TK4434	Power	216	41	
	CS6S-F6309-E1BX		Opp	67			40TF6368	23M60240S	20TK4434	Power	198	38	
	CS6S-U6812-E1BX		Crnk	98				23M61500+23M60270	Included	Power	198	38	
1 FWD. 1 REV.	RL6D-F6305-L3BX	3	Opp	42		42		23M60450	20MK6605	Lever	144	27	
ADAPTER TO CHANGE ROTATION		4	40TF6368 + 23M61500 + 23M60270 Change PTO to U68						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

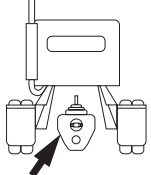



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35024 — Refer to kit program on pages 10 & 11.
- 2 The transmission PTO drive gear is not located .5" from centerline, allowing for only partial tooth engagement and limiting torque capacity as shown.
- 3 Do not use RL Series for continuous duty applications.
- 4 Stud kit 20MK6617 included with adapter. Change PTO to U68 gear, PTO Spacer is not used with adapter. For RL add 23M60200S & 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FS-6105A, FS-6005A, FS-6205A, FS-6305A Footnote (2)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 6.35P 20° PA 22° R.H. LOCATION: Front PLMF: 1.000 PLV: 830 FPM RPM: 479				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6304-C3BX	1	Opp	28				23M60240S	20MK6604	Cable	205	39
	TG6S-F6305-C3BX	1	Opp	37				23M60240S	20MK6604	Cable	195	37
	TG6S-F6306-C3BX	1	Opp	47				23M60240S	20MK6604	Cable	176	34
	TG6S-F6307-C3BX	1	Opp	56				23M60240S	20MK6604	Cable	166	32
	TG6S-F6308-C3BX	1	Opp	69				23M60240S	20MK6604	Cable	166	32
	TG6S-F6309-C3BX	1	Opp	72				23M60240S	20MK6604	Cable	148	28
	TG6S-F6312-C3BH	1	Opp	88				23M60240S	20MK6604	Cable	151	29
	TG6S-F6313-C3BH	1	Opp	100				23M60240S	20MK6604	Cable	151	29
	TG6S-F6315-C3BH	1	Opp	113				23M60240S	20MK6604	Cable	140	27
	TG6S-F6318-C3BH	1	Opp	134				23M60240S	20MK6604	Cable	126	24
SH SERIES	SH6S-F6307-E3BX		Opp	54				23M60240S	20TK4434	Elec/Air	288	55
	SH6S-F6309-E3BX		Opp	67				23M60240S	20TK4434	Elec/Air	270	51
CLUTCH SHIFT	CS6S-F6307-E3BX		Opp	54				23M60240S	20TK4434	Power	216	41
	CS6S-F6309-E3BX		Opp	67			40TF6368	23M60240S	20TK4434	Power	198	38
	CS6S-U6812-E3BX		Crnk	98				23M61500+23M60270	Included	Power	198	38
1 FWD. 1 REV.	RL6D-F6305-L3BX	3	Opp	42		42		23M60450	20MK6605	Lever	144	27
ADAPTER TO CHANGE ROTATION		4	40TF6368 + 23M61500 + 23M60270 Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

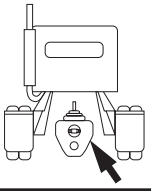



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

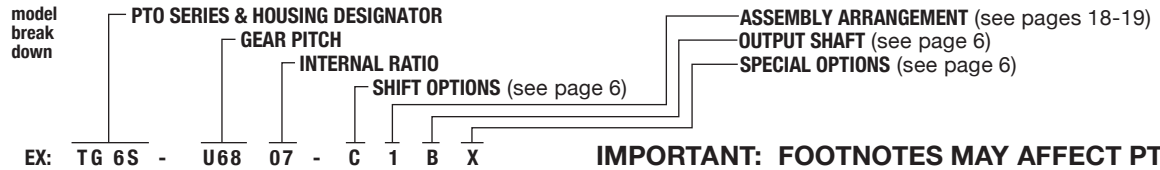
FOOTNOTES:

- 1 TG Series Input Gear: #03T35024 — Refer to kit program on pages 10 & 11.
- 2 The transmission PTO drive gear is not located .5" from centerline, allowing for only partial tooth engagement and limiting torque capacity as shown.
- 3 Do not use RL Series for continuous duty applications.
- 4 Stud kit 20MK6617 included with adapter. Change PTO to U68 gear, PTO Spacer is not used with adapter. For RL add 23M60200S & 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	FS-6105B, FS-6005B, FS-6205B, FS-6305B Footnote (2)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								41T 6.5P 20° PA 23° R.H. LOCATION: Front PLMF: .886 PLV: 859 FPM RPM: 479				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6505-C1BX	1	Opp	37				23M60400	20MK6604	Cable	195	37
	TG6S-F6506-C1BX	1	Opp	48				23M60400	20MK6604	Cable	176	34
	TG6S-F6507-C1BX	1	Opp	57				23M60400	20MK6604	Cable	166	32
	TG6S-F6508-C1BX	1	Opp	69				23M60400	20MK6604	Cable	166	32
	TG6S-F6509-C1BX	1	Opp	72				23M60400	20MK6604	Cable	148	28
	TG6S-F6512-C1BH	1	Opp	88				23M60400	20MK6604	Cable	151	29
	TG6S-F6513-C1BH	1	Opp	100				23M60400	20MK6604	Cable	151	29
	TG6S-F6515-C1BH	1	Opp	113				23M60400	20MK6604	Cable	140	27
	TG6S-F6518-C1BH	1	Opp	135				23M60400	20MK6604	Cable	126	24
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

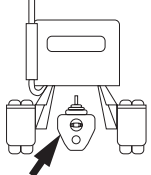



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35025 — Refer to kit program on pages 10 & 11.
- 2 The transmission PTO drive gear is not located .5" from centerline, allowing for only partial tooth engagement and limiting torque capacity as shown.

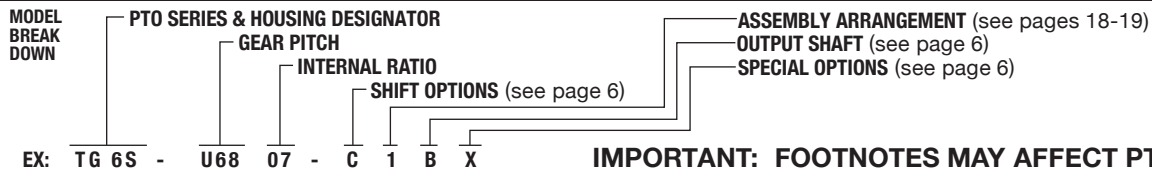
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 FS-6105B, FS-6005B, FS-6205B, FS-6305B Footnote (2)						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

41T 6.5P 20° PA 23° R.H.
LOCATION: Front **PLMF:** .886
PLV: 859 FPM **RPM:** 479

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6505-C3BX	1	Opp	37				23M60400	20MK6604	Cable	195	37
	TG6S-F6506-C3BX	1	Opp	48				23M60400	20MK6604	Cable	176	34
	TG6S-F6507-C3BX	1	Opp	57				23M60400	20MK6604	Cable	166	32
	TG6S-F6508-C3BX	1	Opp	69				23M60400	20MK6604	Cable	166	32
	TG6S-F6509-C3BX	1	Opp	72				23M60400	20MK6604	Cable	148	28
	TG6S-F6512-C3BH	1	Opp	88				23M60400	20MK6604	Cable	151	29
	TG6S-F6513-C3BH	1	Opp	100				23M60400	20MK6604	Cable	151	29
	TG6S-F6515-C3BH	1	Opp	113				23M60400	20MK6604	Cable	140	27
	TG6S-F6518-C3BH	1	Opp	135				23M60400	20MK6604	Cable	126	24
	SH SERIES											
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

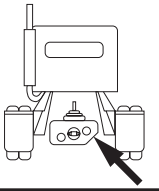



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

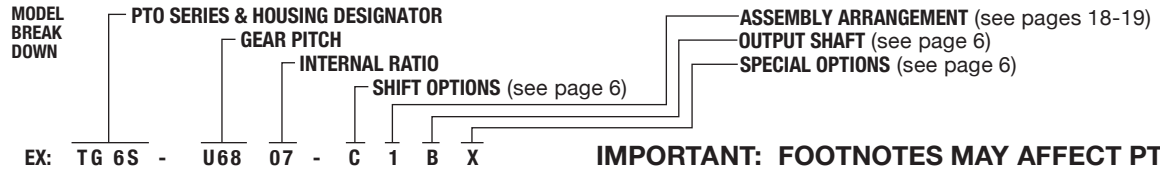
FOOTNOTES:

- 1 TG Series Input Gear: #03T35025 — Refer to kit program on pages 10 & 11.
- 2 The transmission PTO drive gear is not located .5" from centerline, allowing for only partial tooth engagement and limiting torque capacity as shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RT-610, RT-613³, RT-6610, RT-6613³, RT-7609 Footnote (7)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 33T 6P 20° PA Spur LOCATION: Rear PLMF: 1.085 PLV: 1040 FPM RPM: 721				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C4BX	1, 2, 3, 5	Opp	47					Included	Cable	270	51
	TG6S-U6806-C4BX	1, 2, 3, 5	Opp	61					Included	Cable	245	47
	TG6S-U6807-C4BX	1, 2, 3, 5	Opp	72					Included	Cable	230	44
	TG6S-U6808-C4BX	1, 2, 3, 5	Opp	88					Included	Cable	230	44
	TG6S-U6809-C4BX	1, 2, 3, 5	Opp	92					Included	Cable	205	39
	TG6S-U6812-C4BH	1, 2, 3, 5	Opp	113					Included	Cable	193	37
	TG6S-U6813-C4BH	1, 2, 3, 5	Opp	129					Included	Cable	170	32
	TG6S-U6815-C4BH	1, 2, 3, 5	Opp	145					Included	Cable	150	29
	TG6S-U6818-C4BH	1, 2, 3, 5	Opp	171					Included	Cable	127	24
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	2, 6	Opp	54		54		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6855-2					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

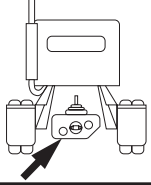

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



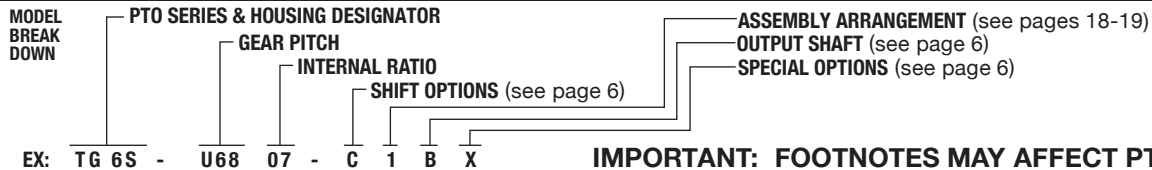
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Direct mount pumps will not clear bulge on right side unless adapter is used. Direct mount pumps will not fit on 13 speed transmissions.
 - 2 13 speed transmissions require adapter 40TU6810-2 for clearance. The PTO rotation will be reversed.
 - 3 TG Series Input Gear: #03T34284. Refer to kit program on pages 10 & 11. Shaft High arrangement shown
 - 4 Typical adapter used to clear frame interference.
 - 5 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 6 Do not use for continuous duty applications.
 - 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 300 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton form FUL-169/170. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		RT-610, RT-613, RT-6610, RT-6613, RT-7609 Footnote (5)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								33T 6P 20° PA Spur LOCATION: Rear PLMF: .810 PLV: 1040 FPM RPM: 721				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6805-C2BX	1, 3	Opp	47					Included	Cable	270	51
	TG8S-U6806-C2BX	1, 3	Opp	61					Included	Cable	245	47
	TG8S-U6807-C2BX	1, 3	Opp	72					Included	Cable	230	44
	TG8S-U6808-C2BX	1, 3	Opp	88					Included	Cable	230	44
	TG8S-U6809-C2BX	1, 3	Opp	92					Included	Cable	205	39
	TG8S-U6812-C2BH	1, 3	Opp	113					Included	Cable	193	37
	TG8S-U6813-C2BH	1, 3	Opp	129					Included	Cable	170	32
	TG8S-U6815-C2BH	1, 3	Opp	145					Included	Cable	150	29
TG8S-U6818-C2BH	1, 3	Opp	171					Included	Cable	127	24	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-U6805-L2BX	4	Opp	54		54		(2) 23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L2CX		Opp	53					Included	Lever	412	78
	828S-U6809-L2CX		Opp	65					Included	Lever	332	63
	828S-U6810-L2CX		Opp	70					Included	Lever	309	59
	828S-U6812-L2CX		Opp	80					Included	Lever	268	51
	828S-U6813-L2CX		Opp	93					Included	Lever	232	44
	828S-U6815-L2CX		Opp	101				(2) 23M80062	Included	Lever	212	40
	828S-U6819-L2CX		Opp	125				23M80248	20MK8817	Lever	173	33
1 FWD. 1 REV.												

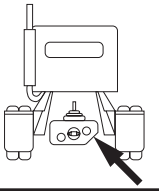



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

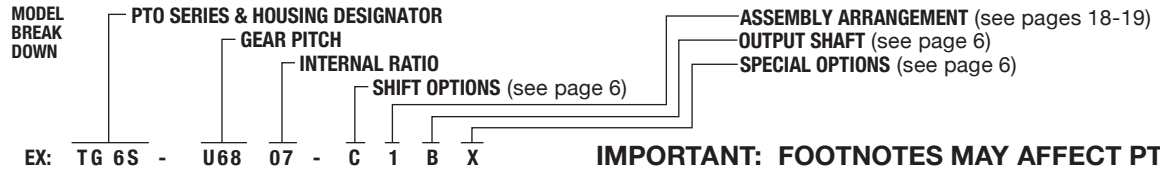
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series and RL Series to 6-bolt PTO housing (TG6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 4 Do not use for continuous duty applications.
- 5 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 300 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton form FUL-169/170. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		RTO-610, RTO-613³, RTO-6610, RTO-6613³ Footnote (7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 33T 6P 20° PA Spur LOCATION: Rear PLV: 1260 FPM					PLMF: 1.085 RPM: 898
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C4BX	1, 2, 3, 5	Opp	44					Included	Cable	285	54
	TG6S-U6805-C4BX	1, 2, 3, 5	Opp	58					Included	Cable	270	51
	TG6S-U6806-C4BX	1, 2, 3, 5	Opp	76					Included	Cable	245	47
	TG6S-U6807-C4BX	1, 2, 3, 5	Opp	89					Included	Cable	230	44
	TG6S-U6808-C4BX	1, 2, 3, 5	Opp	109					Included	Cable	230	44
	TG6S-U6809-C4BX	1, 2, 3, 5	Opp	114					Included	Cable	205	39
	TG6S-U6812-C4BH	1, 2, 3, 5	Opp	140					Included	Cable	193	37
	TG6S-U6813-C4BH	1, 2, 3, 5	Opp	159					Included	Cable	170	32
	TG6S-U6815-C4BH	1, 2, 3, 5	Opp	180					Included	Cable	150	29
	TG6S-U6818-C4BH	1, 2, 3, 5	Opp	212					Included	Cable	127	24
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	6	Opp	67		67		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6855-2					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

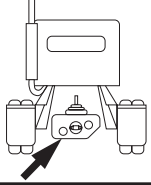

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



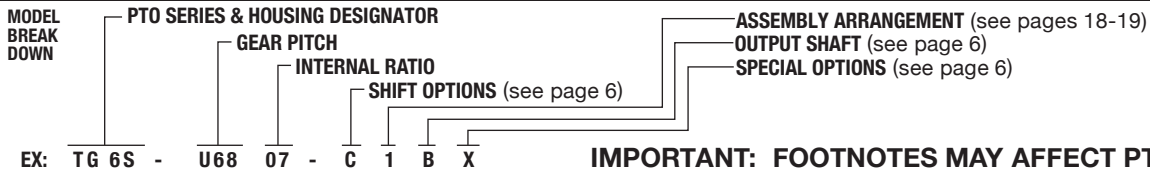
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Direct mount pumps will not clear bulge on right side unless adapter is used. Direct mount pumps will not fit on 13 speed transmissions.
 - 2 13 speed transmissions require adapter 40TU6810-2 for clearance. The PTO rotation will be reversed.
 - 3 TG Series Input Gear: #03T34284. Refer to kit program on pages 10 & 11. Shaft high arrangement is shown
 - 4 Typical adapter used to clear frame interference.
 - 5 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 6 Do not use for continuous duty applications.
 - 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 300 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton form FUL-169/170. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 RTO-610, RTO-6610, RTO-613, RTO-6613 Footnote (5)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								33T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Rear	RPM: 898			
								PLV: 1260 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C2BX	1, 3	Opp	44					Included	Cable	285	54
	TG8S-U6805-C2BX	1, 3	Opp	58					Included	Cable	270	51
	TG8S-U6806-C2BX	1, 3	Opp	76					Included	Cable	245	47
	TG8S-U6807-C2BX	1, 3	Opp	89					Included	Cable	230	44
	TG8S-U6808-C2BX	1, 3	Opp	109					Included	Cable	230	44
	TG8S-U6809-C2BX	1, 3	Opp	114					Included	Cable	205	39
	TG8S-U6812-C2BH	1, 3	Opp	140					Included	Cable	193	37
	TG8S-U6813-C2BH	1, 3	Opp	159					Included	Cable	170	32
	TG8S-U6815-C2BH	1, 3	Opp	180					Included	Cable	150	29
	TG8S-U6818-C2BH	1, 3	Opp	212					Included	Cable	127	24
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-U6805-L2BX	4	Opp	67		67		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L2CX		Opp	41					Included	Lever	500	95
	828S-U6808-L2CX		Opp	65					Included	Lever	412	78
	828S-U6809-L2CX		Opp	81					Included	Lever	332	63
	828S-U6810-L2CX		Opp	87					Included	Lever	309	59
	828S-U6812-L2CX		Opp	100					Included	Lever	268	51
	828S-U6813-L2CX		Opp	116					Included	Lever	232	44
	828S-U6815-L2CX		Opp	127				(2) 23M80062	Included	Lever	212	40
	828S-U6819-L2CX		Opp	156				23M80248	20MK8817	Lever	173	33
1 FWD. 1 REV.												

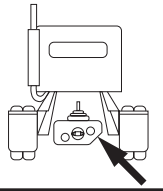



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

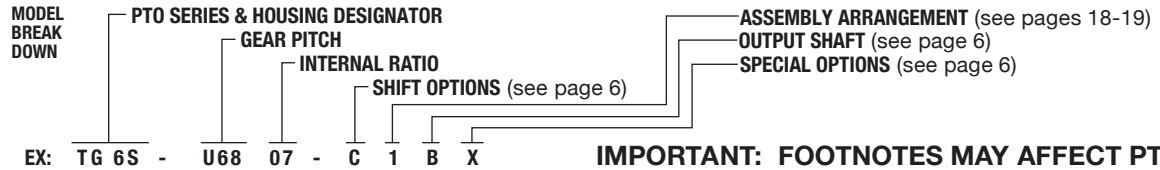
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series and RL Series to 6-bolt housing (TG6S and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 3 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 4 Do not use for continuous duty applications.
- 5 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 300 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton form FUL-169/170. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		RT-6609A, RT-8609, RT-7608LL² Footnote (6)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 33T 6P 20° PA Spur LOCATION: Front PLV: 1037 FPM				PLMF: 1.085 RPM: 720
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6806-C1BX	1, 4	Opp	61					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 4	Opp	72					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 4	Opp	87					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 4	Opp	91					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 4	Opp	112					Included	Cable	193	37
	TG6S-U6813-C1BH	1, 4	Opp	127					Included	Cable	170	32
	TG6S-U6815-C1BH	1, 4	Opp	143					Included	Cable	150	29
	TG6S-U6818-C1BH	1, 4	Opp	170					Included	Cable	127	24
SH SERIES	SH6S-U6807-E1BX	2, 4	Opp	69					Included	Elec/Air	313	60
	SH6S-U6809-E1BX	2, 4	Opp	85					Included	Elec/Air	252	48
	SH6S-U6812-E1BX	2, 4	Opp	113					Included	Elec/Air	189	36
CLUTCH SHIFT	CS6S-U6806-E1BX	2	Opp	55					Included	Power	300	57
	CS6S-U6807-E1BX	2, 4	Opp	69					Included	Power	300	57
	CS6S-U6809-E1BX	2, 4	Opp	85					Included	Power	252	48
	CS6S-U6812-E1BX	2, 4	Opp	113					Included	Power	189	36
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Opp	54		54		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

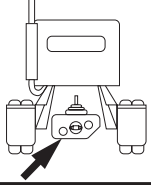



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Adapter required for PTO clearance. Direct mount pumps interfere with transmission case.
- 3 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 5 Do not use for continuous duty applications.
- 6 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 300 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton form FUL-169/170. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		RT-6609A, RT-8609, RT-7608LL Footnote (6)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								33T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1037 FPM RPM: 720				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6806-C1BX	1, 4	Opp	61					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 4	Opp	72					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 4	Opp	87					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 4	Opp	91					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 4	Opp	112					Included	Cable	193	37
	TG8S-U6813-C1BH	1, 4	Opp	127					Included	Cable	170	32
	TG8S-U6815-C1BH	1, 4	Opp	143					Included	Cable	150	29
	TG8S-U6818-C1BH	1, 4	Opp	170					Included	Cable	127	24
SH SERIES	SH8S-U6807-E1BX	4	Opp	69					Included	Elec/Air	313	60
	SH8S-U6809-E1BX	4	Opp	85					Included	Elec/Air	252	48
	SH8S-U6812-E1BX	4	Opp	113					Included	Elec/Air	189	36
	SH8S-U6813-E1BX	4	Opp	131					Included	Elec/Air	164	31
CLUTCH SHIFT	CS8S-U6806-E1BX		Opp	55					Included	Power	300	57
	CS8S-U6807-E1BX	4	Opp	69					Included	Power	300	57
	CS8S-U6809-E1BX	4	Opp	85					Included	Power	252	48
	CS8S-U6812-E1BX	4	Opp	113					Included	Power	189	36
	CS8S-U6814-E1BX		Opp	142					Included	Power	152	29
1 FWD. 1 REV.	RL8S-U6805-L3BX	5	Opp	54		54		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-F6819-L1CX	2	Opp	93				23M80248	20MK8817	Lever	173	33
1 FWD. 1 REV.	INTERNAL GEAR INTERFERENCE											



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

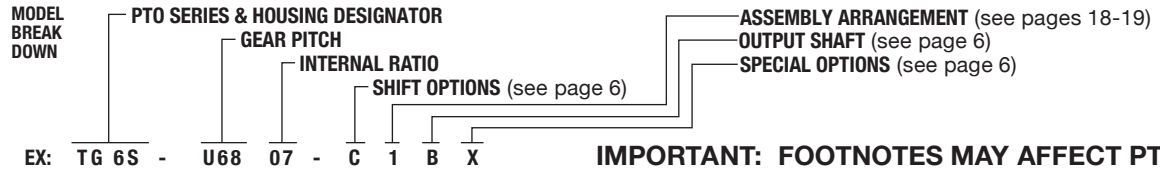
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Special Input Gear: #03T36562, 19 ratio only.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.
- 6 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 300 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton form FUL-169/170. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
 T-905A, T-905B, T-905H, T-905P, T-955AL, T-955ALL, T-11605A, T-11605B Footnote (8)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1047 FPM					PLMF: 1.085	RPM: 533
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	2, 3, 4, 6	Opp	47					Included	Cable	270	51
	TG6S-U6806-C1BX	2, 3, 4, 6	Opp	61					Included	Cable	245	47
	TG6S-U6807-C1BX	2, 3, 4, 6	Opp	72					Included	Cable	230	44
	TG6S-U6808-C1BX	2, 3, 4, 6	Opp	88					Included	Cable	230	44
	TG6S-U6809-C1BX	2, 3, 4, 6	Opp	92					Included	Cable	205	39
	TG6S-U6812-C1BH	2, 3, 4, 6	Opp	113					Included	Cable	210	40
	TG6S-U6813-C1BH	2, 3, 4, 6	Opp	128					Included	Cable	207	39
	TG6S-U6815-C1BH	2, 3, 4, 6	Opp	145					Included	Cable	184	35
	TG6S-U6818-C1BH	2, 3, 4, 6	Opp	172					Included	Cable	155	29
SH SERIES	SH6S-U6807-E1BX	2, 4, 6	Opp	69					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	2, 4, 6	Opp	86					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	2, 4, 6	Opp	114					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	2, 4	Opp	33					Included	Power	300	57
	CS6S-U6004-E1BX	2, 4	Opp	43					Included	Power	300	57
	CS6S-U6005-E1BX	2, 4	Opp	47					Included	Power	300	57
	CS6S-U6806-E1BX	2, 4	Opp	56					Included	Power	300	57
	CS6S-U6807-E1BX	2, 4, 6	Opp	69					Included	Power	300	57
	CS6S-U6809-E1BX	2, 4, 6	Opp	86					Included	Power	275	52
	CS6S-U6812-E1BX	2, 4, 6	Opp	114					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6805-L3BX	4, 7	Opp	54		54		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

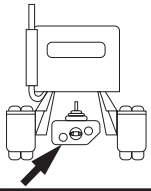

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



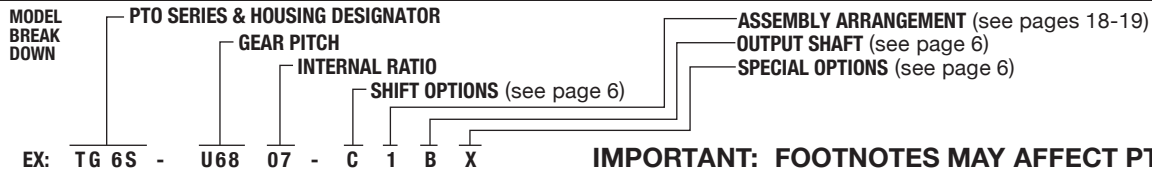
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Single speed-single gear cannot be used on T-955AL and T-955ALL due to transmission case interference.
 - 2 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 3 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 6 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 7 Do not use for continuous duty applications.
 - 8 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		T-905A, T-905B, T-905H, T-905P, T-955AL, T-955ALL, T-11605A, T-11605B Footnote (5)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 533			
								PLV: 1094 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6805-C1BX	1, 3	Opp	49					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 3	Opp	64					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 3	Opp	76					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 3	Opp	92					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 3	Opp	96					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 3	Opp	118					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 3	Opp	134					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 3	Opp	151					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 3	Opp	180					Included	Cable	148	28
SH SERIES	SH8S-U6807-E1BX	3	Opp	72					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	3	Opp	90					Included	Elec/Air	285	56
	SH8S-U6812-E1BX	3	Opp	120					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	3	Opp	133					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	34					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	45					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	49					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	56					Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	72					Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	90					Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	120					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	149					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	57		57		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L1CX		Opp	55					Included	Lever	450	85
	828S-U6809-L1CX		Opp	68					Included	Lever	388	74
	828S-U6810-L1CX		Opp	74					Included	Lever	362	69
	828S-U6812-L1CX		Opp	84					Included	Lever	313	60
	828S-U6813-L1CX		Opp	98					Included	Lever	271	52
	828S-U6815-L1CX		Opp	107				(2) 23M80062 23M80248	Included	Lever	248	47
	828S-U6819-L1CX		Opp	132					Included	Lever	202	38
1 FWD. 1 REV.												

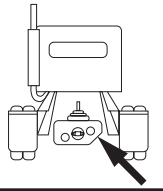



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

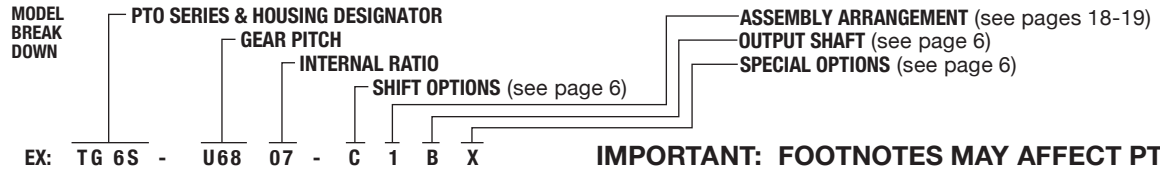
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 When using the 40TU6886-1 adapter to change rotation-Change TG Series, CS Series, SH Series, and RL Series to 6-bolt housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 4 Do not use for continuous duty applications.
- 5 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		T-905D, T-905M, T-11605D, T-11605M Footnote (6)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1215 FPM RPM: 619				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 4	Opp	42					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 4	Opp	55					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 4	Opp	71					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 4	Opp	84					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 4	Opp	103					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 4	Opp	107					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 4	Opp	131					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 4	Opp	150					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 4	Opp	169					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 2, 4	Opp	200					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	2	Opp	55					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	2, 4	Opp	80					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	2, 4	Opp	100					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	2, 4	Opp	133					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	2	Opp	38					Included	Power	300	57
	CS6S-U6004-E1BX	2	Opp	50					Included	Power	300	57
	CS6S-U6005-E1BX	2	Opp	55					Included	Power	300	57
	CS6S-U6806-E1BX	2	Opp	65					Included	Power	300	57
	CS6S-U6807-E1BX	2, 4	Opp	80					Included	Power	300	57
	CS6S-U6809-E1BX	2, 4	Opp	100					Included	Power	275	52
	CS6S-U6812-E1BX	2, 4	Opp	133					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6805-L3BX	2, 5	Opp	63		63		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6855-1				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

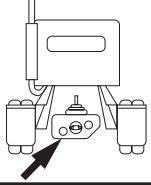



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

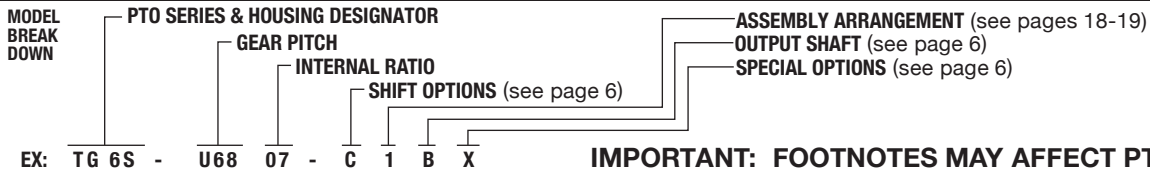
FOOTNOTES:

- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		T-905D, T-905M, T-11605D, T-11605M Footnote (5)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur				
								LOCATION: Front			PLMF: .810	
								PLV: 1269 FPM			RPM: 619	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 3	Opp	43					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 3	Opp	57					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 3	Opp	74					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 3	Opp	87					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 3	Opp	106					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 3	Opp	111					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 3	Opp	136					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 3	Opp	155					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 3	Opp	175					Included	Cable	176	34
TG8S-U6818-C1BH	1, 3	Opp	208					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX		Opp	57					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	84					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	3	Opp	105					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	3	Opp	139					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	3	Opp	161					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	40					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	52					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	57					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	67					Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	84					Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	105					Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	139					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	173					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	66		66		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

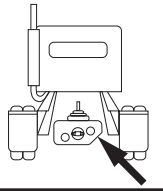

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	41					Included	Lever	500	95
	828S-U6808-L1CX		Opp	64					Included	Lever	450	85
	828S-U6809-L1CX		Opp	79					Included	Lever	388	74
	828S-U6810-L1CX		Opp	85					Included	Lever	362	69
	828S-U6812-L1CX		Opp	98					Included	Lever	313	60
	828S-U6813-L1CX		Opp	113					Included	Lever	271	52
	828S-U6815-L1CX		Opp	124				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	153				23M80248	20MK8817	Lever	202	38
	1 FWD. 1 REV.											



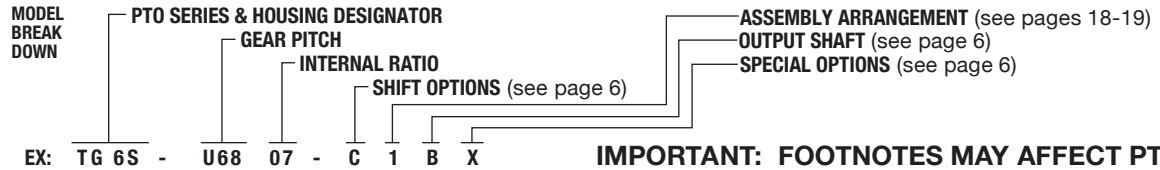
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Change TG Series ,CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
 - 3 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
 - 4 Do not use for continuous duty applications.
 - 5 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		TO-905C, TO-11605C Footnote (6)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1191 FPM RPM: 607				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 4	Opp	41					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 4	Opp	54					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 4	Opp	70					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 4	Opp	82					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 4	Opp	101					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 4	Opp	105					Included	Cable	205	39
	TG6D-S6812-C1BH	1, 2, 4	Opp	118			23M60200S		20MK6603	Cable	210	40
	TG6D-S6813-C1BH	1, 2, 4	Opp	135			23M60200S		20MK6603	Cable	207	39
	TG6D-S6815-C1BH	1, 2, 4	Opp	151			23M60200S		20MK6603	Cable	184	35
	TG6D-S6818-C1BH	1, 2, 4	Opp	180			23M60200S		20MK6603	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	2	Opp	53					Included	Elec/Air	366	70
	SH6S-U6807-E1BX	2, 4	Opp	79					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	2, 4	Opp	98					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	2, 4	Opp	130					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	2	Opp	37					Included	Power	300	57
	CS6S-U6004-E1BX	2	Opp	49					Included	Power	300	57
	CS6S-U6005-E1BX	2	Opp	53					Included	Power	300	57
	CS6S-U6806-E1BX	2	Opp	63					Included	Power	300	57
	CS6S-U6807-E1BX	2, 4	Opp	79					Included	Power	300	57
	CS6S-U6809-E1BX	2, 4	Opp	98					Included	Power	275	52
	CS6S-U6812-E1BX	2, 4	Opp	130					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6805-L3BX	2, 5	Opp	62		62		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

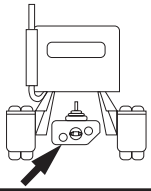



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TO-905C, TO-11605C Footnote (5)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1244 FPM RPM: 607				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 3	Opp	43					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 3	Opp	56					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 3	Opp	73					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 3	Opp	86					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 3	Opp	104					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 3	Opp	109					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 3	Opp	135					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 3	Opp	153					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 3	Opp	172					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 3	Opp	204					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX		Opp	56					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	82					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	3	Opp	103					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	3	Opp	136					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	3	Opp	158					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	39					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	51					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	56					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	66					Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	82					Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	103					Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	136					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	170					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	62		62		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

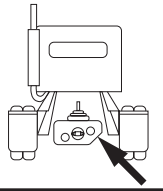

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	40					Included	Lever	500	95
	828S-U6808-L1CX		Opp	63					Included	Lever	450	85
	828S-U6809-L1CX		Opp	78					Included	Lever	388	74
	828S-U6810-L1CX		Opp	83					Included	Lever	362	69
	828S-U6812-L1CX		Opp	96					Included	Lever	313	60
	828S-U6813-L1CX		Opp	110					Included	Lever	271	52
	828S-U6815-L1CX		Opp	122				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	150				23M80248	20MK8817	Lever	202	38
	1 FWD. 1 REV.											



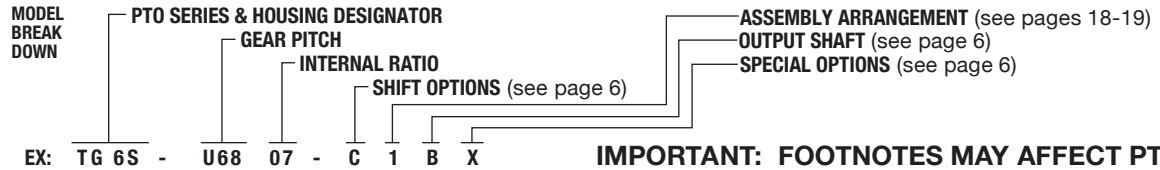
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
 - Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		T-905C, T-905J, T-11605C Footnote (7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1002 FPM RPM: 513				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 2, 3, 5	Opp	45					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 3, 5	Opp	59					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 3, 5	Opp	70					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 3, 5	Opp	85					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 3, 5	Opp	89					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 3, 5	Opp	109					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 3, 5	Opp	124					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 3, 5	Opp	140					Included	Cable	184	35
TG6S-U6818-C1BH	1, 2, 3, 5	Opp	165					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	1, 3	Opp	45					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 3, 5	Opp	67					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 3, 5	Opp	83					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 3, 5	Opp	110					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1, 3	Opp	32					Included	Power	300	57
	CS6S-U6004-E1BX	1, 3	Opp	41					Included	Power	300	57
	CS6S-U6005-E1BX	1, 3	Opp	45					Included	Power	300	57
	CS6S-U6806-E1BX	1, 3	Opp	53					Included	Power	300	57
	CS6S-U6807-E1BX	1, 3, 5	Opp	67					Included	Power	300	57
	CS6S-U6809-E1BX	1, 3, 5	Opp	83					Included	Power	275	52
	CS6S-U6812-E1BX	1, 3, 5	Opp	110					Included	Power	231	44
1 FWD. 1 REV.	RL6D-U6805-L3BX	3, 6	Opp	52		52		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

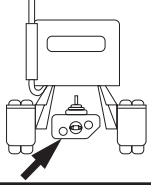



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 Direct mount pumps will not clear bulge on right side unless adapter is used.
- 2 TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
- 3 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- 4 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- 5 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		T-905C, T-905J, T-11605C Footnote (5)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 513			
								PLV: 1048 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6805-C1BX	1, 3	Opp	47					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 3	Opp	61					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 3	Opp	73					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 3	Opp	89					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 3	Opp	93					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 3	Opp	114					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 3	Opp	130					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 3	Opp	147					Included	Cable	176	34
TG8S-U6818-C1BH	1, 3	Opp	173					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX		Opp	47					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	70					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	3	Opp	87					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	3	Opp	115					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	3	Opp	133					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	33					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	43					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	47					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	56					Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	70					Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	87					Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	115					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	144					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	55		55		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L1CX		Opp	53					Included	Lever	450	85
	828S-U6809-L1CX		Opp	65					Included	Lever	338	74
	828S-U6810-L1CX		Opp	71					Included	Lever	362	69
	828S-U6812-L1CX		Opp	81					Included	Lever	313	60
	828S-U6813-L1CX		Opp	95					Included	Lever	271	52
	828S-U6815-L1CX		Opp	103				(2) 23M80062 23M80248	Included	Lever	248	47
	828S-U6819-L1CX		Opp	127					Included	Lever	202	38
1 FWD. 1 REV.												

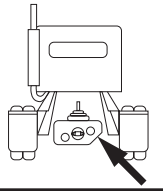



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

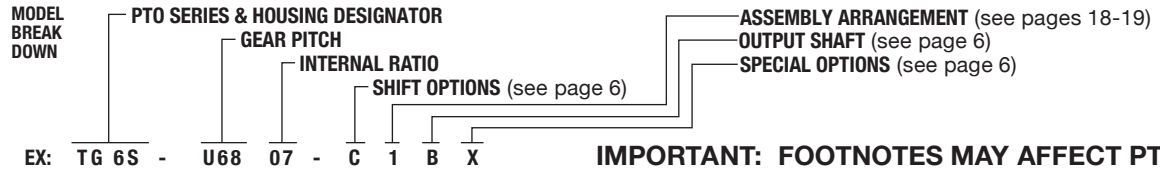
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 3 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 4 Do not use for continuous duty applications.
- 5 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		T-905F, T-11605F Footnote (7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 992 FPM RPM: 508				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 2, 3, 5	Opp	45					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 3, 5	Opp	58					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 3, 5	Opp	69					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 3, 5	Opp	84					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 3, 5	Opp	88					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 3, 5	Opp	108					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 3, 5	Opp	123					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 3, 5	Opp	139					Included	Cable	184	35
TG6S-U6818-C1BH	1, 2, 3, 5	Opp	163					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	2, 3	Opp	45					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	2, 3, 5	Opp	66					Included	Elec/Air	400	76
	SH6S-U6809-E1BX	2, 3, 5	Opp	82					Included	Elec/Air	375	71
	SH6S-U6812-E1BX	2, 3, 5	Opp	109					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6003-E1BX	2, 3	Opp	31					Included	Power	300	57
	CS6S-U6004-E1BX	2, 3	Opp	41					Included	Power	300	57
	CS6S-U6005-E1BX	2, 3	Opp	45					Included	Power	300	57
	CS6S-U6806-E1BX	2, 3	Opp	53					Included	Power	300	57
	CS6S-U6807-E1BX	2, 3, 5	Opp	66					Included	Power	300	57
	CS6S-U6809-E1BX	2, 3, 5	Opp	82					Included	Power	275	52
	CS6S-U6812-E1BX	2, 3, 5	Opp	109					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6805-L3BX	2, 6	Opp	51		51		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


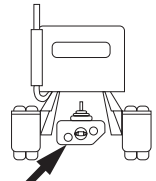


EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- Direct mount pumps will not clear bulge on right side unless adapter listed above is used.
- Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)	
T-905F, T-11605F Footnote (5)		SAE 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1038 FPM RPM: 508	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6805-C1BX	1, 3	Opp	47					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 3	Opp	60					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 3	Opp	72					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 3	Opp	88					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 3	Opp	92					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 3	Opp	113					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 3	Opp	129					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 3	Opp	145					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 3	Opp	171					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX		Opp	47					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	69					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	3	Opp	86					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	3	Opp	114					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	3	Opp	132					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	33					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	43					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	47					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	55					Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	69					Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	86					Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	114					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	142					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	54		54		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

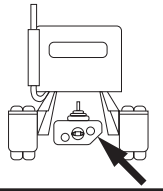

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L1CX		Opp	52					Included	Lever	450	85
	828S-U6809-L1CX		Opp	65					Included	Lever	388	74
	828S-U6810-L1CX		Opp	70					Included	Lever	362	69
	828S-U6812-L1CX		Opp	80					Included	Lever	313	60
	828S-U6813-L1CX		Opp	94					Included	Lever	271	52
	828S-U6815-L1CX		Opp	102				(2) 23M80062 23M80248	Included	Lever	248	47
	828S-U6819-L1CX		Opp	126					Included	Lever	202	38
1 FWD. 1 REV.												



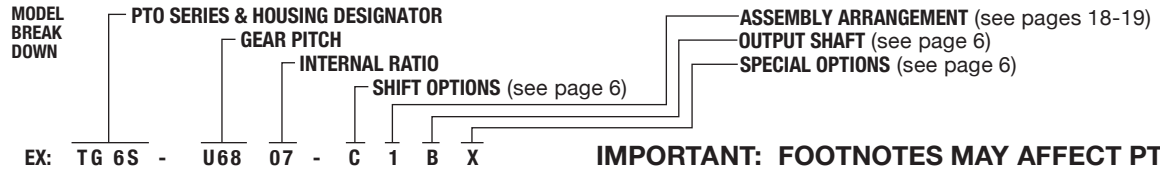
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603on PTO side of adapter.
 - Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)					
	TO-905A, TO-905D, TO-955AL, TO-955ALL, TO-955DLL, RTO-1157DL, RTO-1157DLL, TO-11605D Footnote (8)							SAE 6-BOLT OPENING					
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1610 FPM					PLMF: 1.085 RPM: 820
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 4, 6	Opp	55					Included	Cable	285	54	
	TG6S-U6805-C1BX	1, 2, 4, 6	Opp	72					Included	Cable	270	51	
	TG6S-U6806-C1BX	1, 2, 4, 6	Opp	94					Included	Cable	245	47	
	TG6S-U6807-C1BX	1, 2, 4, 6	Opp	111					Included	Cable	230	44	
	TG6S-U6808-C1BX	1, 2, 4, 6	Opp	136					Included	Cable	230	44	
	TG6S-U6809-C1BX	1, 2, 4, 6	Opp	142					Included	Cable	205	39	
	TG6S-U6812-C1BH	1, 2, 4, 6	Opp	174					Included	Cable	210	40	
	TG6S-U6813-C1BH	1, 2, 4, 6	Opp	199					Included	Cable	207	39	
	TG6S-U6815-C1BH	1, 2, 4, 6	Opp	224					Included	Cable	184	35	
	TG6S-U6818-C1BH	1, 2, 4, 6	Opp	264					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	1, 4	Opp	72					Included	Elec/Air	400	76	
	SH6S-U6807-E1BX	1, 4, 6	Opp	107					Included	Elec/Air	383	73	
	SH6S-U6809-E1BX	1, 4, 6	Opp	133					Included	Elec/Air	308	59	
	SH6S-U6812-E1BX	1, 4, 6	Opp	176					Included	Elec/Air	231	44	
CLUTCH SHIFT	CS6S-U6003-E1BX	1, 4	Opp	51					Included	Power	300	57	
	CS6S-U6004-E1BX	1, 4	Opp	66					Included	Power	300	57	
	CS6S-U6005-E1BX	1, 4	Opp	72					Included	Power	300	57	
	CS6S-U6806-E1BX	1, 4	Opp	85					Included	Power	300	57	
	CS6S-U6807-E1BX	1, 4, 6	Opp	107					Included	Power	300	57	
	CS6S-U6809-E1BX	1, 4, 6	Opp	133					Included	Power	275	52	
	CS6S-U6812-E1BX	1, 4, 6	Opp	176					Included	Power	231	44	
1 FWD. 1 REV.	RL6D-U6803-L3BX	3, 4, 7	Opp	41		41			23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	4, 7	Opp	84		84			23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4, 5	40TU6855-1				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

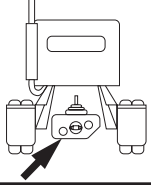

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



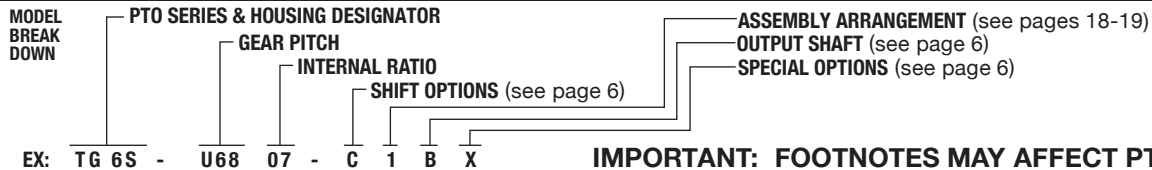
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 2 TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
 - 3 RL Series with combined reduction gear box.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 6 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 7 Do not use for continuous duty applications.
 - 8 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 <p style="text-align: center;">TO-905A, TO-905D, TO-955AL, TO-955ALL, TO-955DLL, RTO-1157DL, RTO-1157DLL, TO-11605D Footnote (6)</p>								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 820			
								PLV: 1682 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 4	Opp	58					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 4	Opp	76					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 4	Opp	98					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 4	Opp	116					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 4	Opp	142					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 4	Opp	148					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 4	Opp	182					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 4	Opp	207					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 4	Opp	233					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 4	Opp	276					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX		Opp	76					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	111					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	4	Opp	139					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	4	Opp	184					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	4	Opp	214					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	53					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	69					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	76					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	89					Included	Power	300	57
	CS8S-U6807-E1BX	4	Opp	111					Included	Power	300	57
	CS8S-U6809-E1BX	4	Opp	139					Included	Power	275	52
	CS8S-U6812-E1BX	4	Opp	184					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	230					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	2, 5 5	Opp Opp	42 87		42 87		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	54					Included	Lever	500	95
	828S-U6808-L1CX		Opp	85					Included	Lever	450	85
	828S-U6809-L1CX		Opp	105					Included	Lever	388	74
	828S-U6810-L1CX		Opp	113					Included	Lever	362	69
	828S-U6812-L1CX		Opp	130					Included	Lever	313	60
	828S-U6813-L1CX		Opp	151					Included	Lever	271	52
	828S-U6815-L1CX		Opp	165				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	203				23M80248 20MK8817	Included	Lever	202	38
	1 FWD. 1 REV.											



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

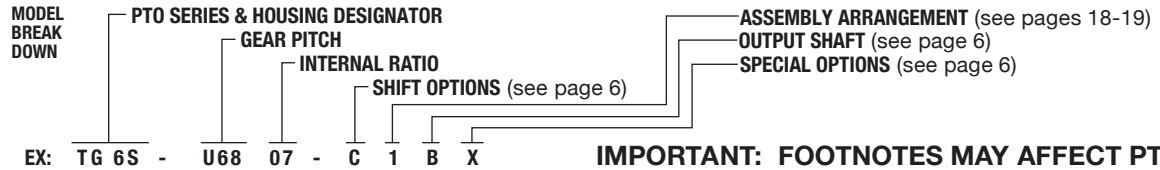
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.
- 6 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	TO-11605A, RTO-11607L, RTO-11607LL, RTO-11707LL, RTO-11707DLL, RTO-13707DLL, RTO-13707MLL Footnote (8)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 828			
								PLV: 1626 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 3, 6	Opp	56					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 3, 6	Opp	73					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 3, 6	Opp	95					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 3, 6	Opp	112					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 3, 6	Opp	137					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 3, 6	Opp	143					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 3, 6	Opp	176					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 3, 6	Opp	200					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 3, 6	Opp	225					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 2, 3, 6	Opp	267					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	2, 3	Opp	73					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	2, 3, 6	Opp	108					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	2, 3, 6	Opp	134					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	2, 3, 6	Opp	178					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	2, 3	Opp	51					Included	Power	300	57
	CS6S-U6004-E1BX	2, 3	Opp	67					Included	Power	300	57
	CS6S-U6005-E1BX	2, 3	Opp	73					Included	Power	300	57
	CS6S-U6806-E1BX	2, 3	Opp	86					Included	Power	300	57
	CS6S-U6807-E1BX	2, 3, 6	Opp	108					Included	Power	300	57
	CS6S-U6809-E1BX	2, 3, 6	Opp	134					Included	Power	231	44
	CS6S-U6812-E1BX	2, 3, 6	Opp	178					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	2, 4, 7 2, 7	Opp Opp	41 85		41 85		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

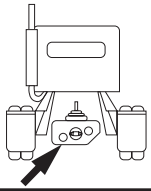



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- Direct mount pumps will not clear bulge on right side unless adapter is used.
- RL Series with reduction gear box.
- Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 TO-11605A, RTO-11607L, RTO-11607LL, RTO-11707LL, RTO-11707DLL, RTO-13707DLL, RTO-13707MLL Footnote (6)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1699 FPM RPM: 828				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 4	Opp	59					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 4	Opp	77					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 4	Opp	99					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 4	Opp	117					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 4	Opp	143					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 4	Opp	149					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 4	Opp	183					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 4	Opp	208					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 4	Opp	235					Included	Cable	176	34
TG8S-U6818-C1BH	1, 4	Opp	279					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX		Opp	76					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	113					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	140					Included	Elec/Air	366	70
	SH8S-U6812-E1BX	4	Opp	186					Included	Elec/Air	295	56
	SH8S-U6813-E1BX	4	Opp	216					Included	Elec/Air	221	42
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	53					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	70					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	76					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	90					Included	Power	300	57
	CS8S-U6807-E1BX	4	Opp	113					Included	Power	300	57
	CS8S-U6809-E1BX	4	Opp	140					Included	Power	275	52
	CS8S-U6812-E1BX	4	Opp	186					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	232					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	2, 5 5	Opp Opp	42 88		42 88		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	55					Included	Lever	500	95
	828S-U6808-L1CX		Opp	86					Included	Lever	450	85
	828S-U6809-L1CX		Opp	106					Included	Lever	388	74
	828S-U6810-L1CX		Opp	114					Included	Lever	362	69
	828S-U6812-L1CX		Opp	131					Included	Lever	313	60
	828S-U6813-L1CX		Opp	153					Included	Lever	271	52
	828S-U6815-L1CX		Opp	166				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	205				23M80248 20MK8817	Included	Lever	202	38
	1 FWD. 1 REV.											

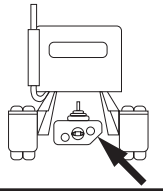



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

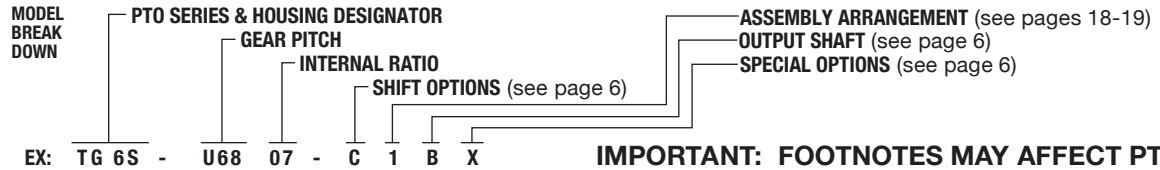
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series 03 ratio is a reversible PTO with a reduction gear box attached.
- 3 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.
- 6 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		TO-905B, TO-11605B Footnote (7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1215 FPM					PLMF: 1.085 RPM: 619
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 3, 5	Opp	42					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 3, 5	Opp	55					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 3, 5	Opp	71					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 3, 5	Opp	84					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 3, 5	Opp	103					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 3, 5	Opp	107					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 3, 5	Opp	131					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 3, 5	Opp	150					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 3, 5	Opp	168					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 2, 3, 5	Opp	200					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	1, 3	Opp	55					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 3, 5	Opp	80					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 3, 5	Opp	100					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 3, 5	Opp	133					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1, 3	Opp	38					Included	Power	300	57
	CS6S-U6004-E1BX	1, 3	Opp	50					Included	Power	300	57
	CS6S-U6005-E1BX	1, 3	Opp	55					Included	Power	300	57
	CS6S-U6806-E1BX	1, 3	Opp	65					Included	Power	300	57
	CS6S-U6807-E1BX	1, 3, 5	Opp	80					Included	Power	300	57
	CS6S-U6809-E1BX	1, 3, 5	Opp	100					Included	Power	275	52
	CS6S-U6812-E1BX	1, 3, 5	Opp	133					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6805-L3BX	3, 6	Opp	63		63		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

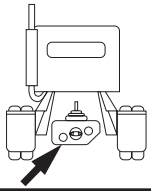



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 Direct mount pumps will not clear bulge on right side unless adapter is used. There is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
- 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 3 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- 4 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- 5 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TO-905B, TO-11605B Footnote (6)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 619			
								PLV: 1269 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 2, 4	Opp	44					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 2, 4	Opp	57					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 2, 4	Opp	74					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 2, 4	Opp	88					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 2, 4	Opp	107					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 2, 4	Opp	112					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 2, 4	Opp	137					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 2, 4	Opp	157					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 2, 4	Opp	177					Included	Cable	176	34
TG8S-U6818-C1BH	1, 2, 4	Opp	209					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX	2	Opp	57					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	2, 4	Opp	84					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	2, 4	Opp	105					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	2, 4	Opp	139					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	2, 4	Opp	161					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX	2	Opp	40					Included	Power	300	57
	CS8S-U6004-E1BX	2	Opp	52					Included	Power	300	57
	CS8S-U6005-E1BX	2	Opp	57					Included	Power	300	57
	CS8S-U6806-E1BX	2	Opp	67					Included	Power	300	57
	CS8S-U6807-E1BX	2, 4	Opp	84					Included	Power	300	57
	CS8S-U6809-E1BX	2, 4	Opp	105					Included	Power	275	52
	CS8S-U6812-E1BX	2, 4	Opp	139					Included	Power	221	42
	CS8S-U6814-E1BX	2	Opp	173					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6805-L3BX	5	Opp	66		66		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	40					Included	Lever	500	95
	828S-U6808-L1CX		Opp	64					Included	Lever	450	85
	828S-U6809-L1CX		Opp	79					Included	Lever	388	74
	828S-U6810-L1CX		Opp	86					Included	Lever	362	69
	828S-U6812-L1CX		Opp	98					Included	Lever	313	60
	828S-U6813-L1CX		Opp	114					Included	Lever	271	52
	828S-U6815-L1CX		Opp	124				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	153				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												

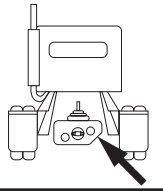



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

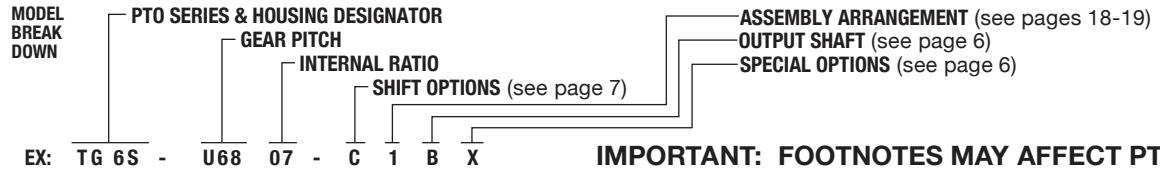
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis.
- 3 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.
- 6 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
 RTO-910, RTO-915 Footnote (8)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1697 FPM RPM: 865				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 4, 6	Opp	58					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 4, 6	Opp	76					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 4, 6	Opp	99					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 4, 6	Opp	118					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 4, 6	Opp	144					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 4, 6	Opp	150					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 4, 6	Opp	184					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 4, 6	Opp	210					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 4, 6	Opp	236					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 2, 4, 6	Opp	279					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	1, 4	Opp	76					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 4, 6	Opp	113					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 4, 6	Opp	140					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 4, 6	Opp	186					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1, 4	Opp	54					Included	Power	300	57
	CS6S-U6004-E1BX	1, 4	Opp	70					Included	Power	300	57
	CS6S-U6005-E1BX	1, 4	Opp	76					Included	Power	300	57
	CS6S-U6806-E1BX	1, 4	Opp	90					Included	Power	300	57
	CS6S-U6807-E1BX	1, 4, 6	Opp	113					Included	Power	300	57
	CS6S-U6809-E1BX	1, 4, 6	Opp	140					Included	Power	275	52
	CS6S-U6812-E1BX	1, 4, 6	Opp	186					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	3, 4, 7 4, 7	Opp Opp	43 88		43 88		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

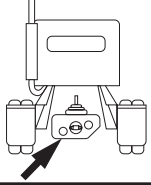

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 Direct mount pumps will not clear bulge on right side unless adapter is used. There is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 3 RL Series with combined reduction gear box.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 6 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 7 Do not use for continuous duty applications.
 - 8 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 RTO-910, RTO-915 Footnote (7)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1774 FPM RPM: 865				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 3, 5	Opp	61					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 3, 5	Opp	80					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 3, 5	Opp	104					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 3, 5	Opp	123					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 3, 5	Opp	149					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 3, 5	Opp	156					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 3, 5	Opp	192					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 3, 5	Opp	218					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 3, 5	Opp	246					Included	Cable	176	34
TG8S-U6818-C1BH	1, 3, 5	Opp	291					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX	3	Opp	80					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3, 5	Opp	118					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	3, 5	Opp	146					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	3, 5	Opp	194					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	3, 5	Opp	225					Included	Elec/Air	191	36
CLUTCH SHIFT	CS8S-U6003-E1BX	3	Opp	56					Included	Power	300	57
	CS8S-U6004-E1BX	3	Opp	73					Included	Power	300	57
	CS8S-U6005-E1BX	3	Opp	80					Included	Power	300	57
	CS8S-U6806-E1BX	3	Opp	94					Included	Power	300	57
	CS8S-U6807-E1BX	3, 5	Opp	118					Included	Power	300	57
	CS8S-U6809-E1BX	3, 5	Opp	146					Included	Power	275	52
	CS8S-U6812-E1BX	3, 5	Opp	194					Included	Power	221	42
	CS8S-U6814-E1BX	3	Opp	243					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 6	Opp	45		45		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	6	Opp	92		92		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION				ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
											TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX	3	Opp	57					Included	Lever	500	95
	828S-U6808-L1CX	3	Opp	90					Included	Lever	450	85
	828S-U6809-L1CX	3	Opp	111					Included	Lever	388	74
	828S-U6810-L1CX	3	Opp	120					Included	Lever	362	69
	828S-U6812-L1CX	3	Opp	137					Included	Lever	313	60
	828S-U6813-L1CX	3	Opp	159					Included	Lever	271	52
	828S-U6815-L1CX	3	Opp	174				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX	3	Opp	214				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												

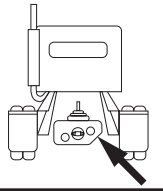



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

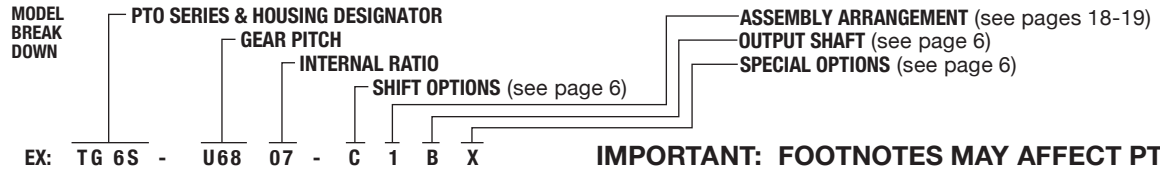
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on page 1s0 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis.
- 4 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 5 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	T-955GL, RT-906, 909A, 910, 915, 1110, 8709B, 8908LL, 9509A, 9513, 9710B, 11509, 11609A, 11609H, 11610, 11613, 11615, 11709H, 11710B, 11715, 12509, 12510, 12513, 12515, 12609A, 12609H, 12610, 12709H, 12710B, 13609A, 13609H, 13709H, 13710B, 14609A, 14609H, 14610, 14613, 14615, 14709H, 14710B, 14715, 14915, 15613, 15615, 15715 RTA-14710B, RTO-913, 1213, 9513, 11613, 11813, 12513, 14613, 14713, 14813, 15613, 15618, 15813, RTLO-11610B, 12610B, 12613B, 13610B, 14610A, 14610B, 14613B, 14618A, 15610B, 16610B, 16618A Footnote (5, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			45T 6P 20° PA Spur			PLMF: 1.085						
			LOCATION: Front			RPM: 700						
			PLV: 1370 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 3, 7	Opp	47					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 3, 7	Opp	62					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 3, 7	Opp	80					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 3, 7	Opp	95					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 3, 7	Opp	116					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 3, 7	Opp	121					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 3, 7	Opp	150					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 3, 7	Opp	169					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 3, 7	Opp	191					Included	Cable	184	35
TG6S-U6818-C1BH	1, 2, 3, 7	Opp	227					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	1	Opp	62					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 7	Opp	91					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 7	Opp	113					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 7	Opp	150					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1, 5	Opp	43					Included	Power	300	57
	CS6S-U6004-E1BX	1, 5	Opp	57					Included	Power	300	57
	CS6S-U6005-E1BX	1, 5	Opp	62					Included	Power	300	57
	CS6S-U6806-E1BX	1	Opp	73					Included	Power	300	57
	CS6S-U6807-E1BX	1, 7	Opp	91					Included	Power	300	57
	CS6S-U6809-E1BX	1, 7	Opp	113					Included	Power	275	52
	CS6S-U6812-E1BX	1, 7	Opp	150					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 8 8	Opp Opp	35 72		35 72		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		6	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

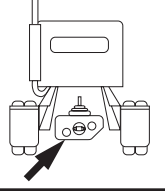

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



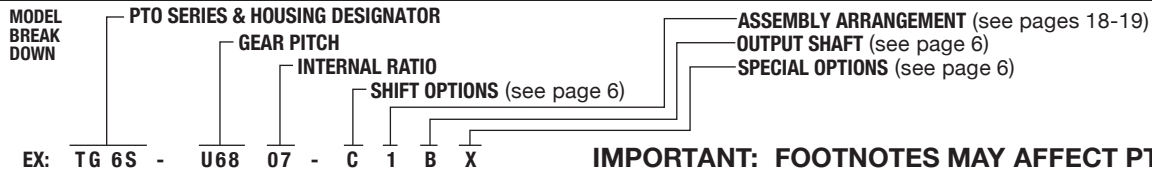
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 3 Some chassis may interfere with indicator switch on air shift PTOs. Order TG-RPS-A to change to a pressure switch and remove ball switch. Sold separately.
 - 4 RL Series with combined reduction gear box.
 - 5 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 6 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 7 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 8 Do not use for continuous duty applications.
 - 9 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	T-955GL, RT-906, 909A, 910, 915, 1110, 8709B, 8908LL, 9509A, 9513, 9710B, 11509, 11609A, 11609H, 11610, 11613, 11615, 11709H, 11710B, 11715, 12509, 12510, 12513, 12515, 12609A, 12609H, 12610, 12709H, 12710B, 13609A, 13609H, 13709H, 13710B, 14609A, 14609H, 14610, 14613, 14615, 14709H, 14710B, 14715, 14915, 15613, 15615, 15715, RTA-14710B, RTO-913, 1213, 9513, 11613, 11813, 12513, 14613, 14713, 14813, 15613, 15618, 15813, RTLO-11610B, 12610B, 12613B, 13610B, 14610A, 14610B, 14613B, 14618A, 15610B, 16610B, 16618A Footnote (7)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			47T 6P 20° PA Spur			PLMF: .810						
			LOCATION: Front			RPM: 700						
			PLV: 1435 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 2, 5	Opp	49					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 2, 5	Opp	64					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 2, 5	Opp	84					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 2, 5	Opp	99					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 2, 5	Opp	122					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 2, 5	Opp	127					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 2, 5	Opp	156					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 2, 5	Opp	178					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 2, 5	Opp	200					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 2, 5	Opp	236					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX	2	Opp	62					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	2, 5	Opp	95					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	2, 5	Opp	118					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	2, 5	Opp	157					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	2, 5	Opp	183					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX	2	Opp	45					Included	Power	300	57
	CS8S-U6004-E1BX	2	Opp	59					Included	Power	300	57
	CS8S-U6005-E1BX	2	Opp	64					Included	Power	300	57
	CS8S-U6806-E1BX	2	Opp	76					Included	Power	300	57
	CS8S-U6807-E1BX	2, 5	Opp	95					Included	Power	300	57
	CS8S-U6809-E1BX	2, 5	Opp	118					Included	Power	275	52
	CS8S-U6812-E1BX	2, 5	Opp	157					Included	Power	221	42
	CS8S-U6814-E1BX	2	Opp	196					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6803-L3BX	3, 6	Opp	37				23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	6	Opp	75				23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX	2	Opp	46					Included	Lever	500	95
	828S-U6808-L1CX	2	Opp	73					Included	Lever	450	85
	828S-U6809-L1CX	2	Opp	89					Included	Lever	388	74
	828S-U6810-L1CX	2	Opp	97					Included	Lever	362	69
	828S-U6812-L1CX	2	Opp	111					Included	Lever	313	60
	828S-U6813-L1CX	2	Opp	129					Included	Lever	271	52
	828S-U6815-L1CX	2	Opp	141				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX	2	Opp	173				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

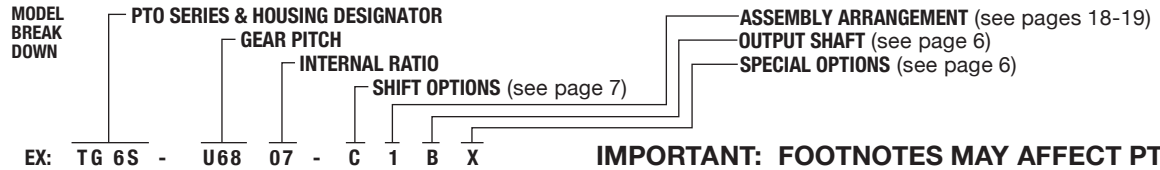
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the "1" arrangement PTO.
- 3 RL Series with combined reduction gear box.
- 4 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)						
	TO-955LL, RTO(F)(X)-909A, 958LL, 1258LL, 9509A, 10710B, 10910B, 11509, 11608LL, 11609A, 11708LL, 11710B, 11908LL, 12509, 12609A, 12710B, 12910B, 13609A, 13710B, 12910B, 14608LL, 14609A, 14708LL, 14709A, 14710B, 14908LL, 14910B, 15708LL, 15710B, 16710B, 16908LL, 16910B, 18910B (This application page also applies to models with RTX and RTOF prefixes and Models with AS2 or AS3 suffix) Footnote (4, 8, 9)							SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:	
								45T 6P 20° PA Spur		PLMF: 1.085			RPM: 944	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO			
				HI	LO	REV					TORQUE	HP		
SINGLE GEAR														
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 6	Opp	64					Included	Cable	285	54		
	TG6S-U6805-C1BX	1, 2, 6	Opp	83					Included	Cable	270	51		
	TG6S-U6806-C1BX	1, 2, 6	Opp	108					Included	Cable	245	47		
	TG6S-U6807-C1BX	1, 2, 6	Opp	128					Included	Cable	230	44		
	TG6S-U6808-C1BX	1, 2, 6	Opp	156					Included	Cable	230	44		
	TG6S-U6809-C1BX	1, 2, 6	Opp	163					Included	Cable	205	39		
	TG6S-U6812-C1BH	1, 2, 6	Opp	200					Included	Cable	210	40		
	TG6S-U6813-C1BH	1, 2, 6	Opp	228					Included	Cable	207	39		
	TG6S-U6815-C1BH	1, 2, 6	Opp	257					Included	Cable	184	35		
TG6S-U6818-C1BH	1, 2, 6	Opp	304					Included	Cable	155	29			
SH SERIES	SH6S-U6005-E1BX	1	Opp	83					Included	Elec/Air	400	76		
	SH6S-U6807-E1BX	1, 6	Opp	123					Included	Elec/Air	383	73		
	SH6S-U6809-E1BX	1, 6	Opp	153					Included	Elec/Air	308	59		
	SH6S-U6812-E1BX	1, 6	Opp	203					Included	Elec/Air	231	44		
CLUTCH SHIFT	CS6S-U6003-E1BX	1	Opp	58					Included	Power	300	57		
	CS6S-U6004-E1BX	1	Opp	76					Included	Power	300	57		
	CS6S-U6005-E1BX	1	Opp	83					Included	Power	300	57		
	CS6S-U6806-E1BX	1	Opp	98					Included	Power	300	57		
	CS6S-U6807-E1BX	1, 6	Opp	123					Included	Power	300	57		
	CS6S-U6809-E1BX	1, 6	Opp	153					Included	Power	275	52		
	CS6S-U6812-E1BX	1, 6	Opp	203					Included	Power	231	44		
1 FWD. 1 REV.	RL6D-U6803-L3BX	3, 7	Opp	47		47			23M60200S	20MK6602	Lever	200	38	
	RL6D-U6805-L3BX	7	Opp	96		96			23M60200S	20MK6602	Lever	200	38	
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

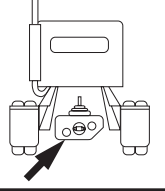

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 3 RL Series with combined reduction gear box.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 6 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 7 Do not use for continuous duty applications.
 - 8 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - 9 AS2 or AS3 Auto Shift transmissions need to be connected to the PTO through the TCM per Eaton instructions.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION							BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)						
	TO-955LL, RTO(F)(X)-909A, 958LL, 1258LL, 9509A, 10710B, 10910B, 11509, 11608LL, 11609A, 11708LL, 11710B, 11908LL, 12509, 12609A, 12710B, 12910B, 13609A, 13710B, 12910B, 14608LL, 14609A, 14708LL, 14709A, 14710B, 14908LL, 14910B, 15708LL, 15710B, 16710B, 16908LL, 16910B, 18910B (This application page also applies to models with RTX and RTOF prefixes and Models with AS2 or AS3 suffix) Footnote (7, 8)						SAE 8-BOLT OPENING						
							PTO DRIVE GEAR DATA:						
			47T 6P 20° PA Spur			PLMF: .810							
			LOCATION: Front			RPM: 944							
			PLV: 1936 FPM										
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 3, 5	Opp	67					Included	Cable	285	54	
	TG8S-U6805-C1BX	1, 3, 5	Opp	87					Included	Cable	270	51	
	TG8S-U6806-C1BX	1, 3, 5	Opp	113					Included	Cable	245	47	
	TG8S-U6807-C1BX	1, 3, 5	Opp	134					Included	Cable	230	44	
	TG8S-U6808-C1BX	1, 3, 5	Opp	164					Included	Cable	230	44	
	TG8S-U6809-C1BX	1, 3, 5	Opp	171					Included	Cable	205	39	
	TG8S-U6812-C1BH	1, 3, 5	Opp	210					Included	Cable	210	40	
	TG8S-U6813-C1BH	1, 3, 5	Opp	239					Included	Cable	199	38	
	TG8S-U6815-C1BH	1, 3, 5	Opp	269					Included	Cable	176	34	
TG8S-U6818-C1BH	1, 3, 5	Opp	318					Included	Cable	148	28		
SH SERIES	SH8S-U6005-E1BX	3	Opp	87					Included	Elec/Air	400	76	
	SH8S-U6807-E1BX	3, 5	Opp	128					Included	Elec/Air	366	70	
	SH8S-U6809-E1BX	3, 5	Opp	160					Included	Elec/Air	295	56	
	SH8S-U6812-E1BX	3, 5	Opp	212					Included	Elec/Air	221	42	
	SH8S-U6813-E1BX	3, 5	Opp	246					Included	Elec/Air	200	38	
CLUTCH SHIFT	CS8S-U6003-E1BX	3	Opp	61					Included	Power	300	57	
	CS8S-U6004-E1BX	3	Opp	80					Included	Power	300	57	
	CS8S-U6005-E1BX	3	Opp	87					Included	Power	300	57	
	CS8S-U6806-E1BX	3	Opp	103					Included	Power	300	57	
	CS8S-U6807-E1BX	3, 5	Opp	128					Included	Power	300	57	
	CS8S-U6809-E1BX	3, 5	Opp	160					Included	Power	275	52	
	CS8S-U6812-E1BX	3, 5	Opp	212					Included	Power	221	42	
	CS8S-U6814-E1BX	3	Opp	265					Included	Power	178	34	
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 6	Opp	49		49			23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	6	Opp	101		101			23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX	3	Opp	62					Included	Lever	500	95
	828S-U6808-L1CX	3	Opp	98					Included	Lever	450	85
	828S-U6809-L1CX	3	Opp	121					Included	Lever	388	74
	828S-U6810-L1CX	3	Opp	130					Included	Lever	362	69
	828S-U6812-L1CX	3	Opp	150					Included	Lever	313	60
	828S-U6813-L1CX	3	Opp	174					Included	Lever	271	52
	828S-U6815-L1CX	3	Opp	190				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX	3	Opp	234				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												

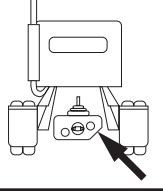



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

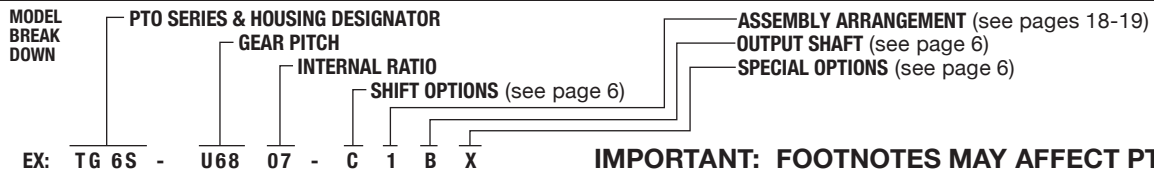
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the "1" arrangement PTO.
- 4 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- 8 AS2 or AS3 Auto Shift transmissions need to be connected to the PTO through the TCM per Eaton instructions.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
 RTO-1110, RTO-11610, RTO-11615, RTO-11715, RTO-12510, RTO-12515, RTO-12610, RTO-14610, RTO-14615, RTO-14715, RTO-14915, RTO-15615, RTO-15715, RTO-16715, RTO-16915 Footnote (4, 8)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 888			
								PLV: 1745 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 6	Opp	60					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 6	Opp	78					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 6	Opp	102					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 6	Opp	121					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 6	Opp	148					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 6	Opp	154					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 6	Opp	189					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 6	Opp	215					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 6	Opp	242					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 2, 6	Opp	286					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	1	Opp	78					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 6	Opp	116					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 6	Opp	144					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 6	Opp	191					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1	Opp	55					Included	Power	300	57
	CS6S-U6004-E1BX	1	Opp	72					Included	Power	300	57
	CS6S-U6005-E1BX	1	Opp	78					Included	Power	300	57
	CS6S-U6806-E1BX	1	Opp	93					Included	Power	300	57
	CS6S-U6807-E1BX	1, 6	Opp	116					Included	Power	300	57
	CS6S-U6809-E1BX	1, 6	Opp	144					Included	Power	275	52
	CS6S-U6812-E1BX	1, 6	Opp	191					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	3, 7 7	Opp Opp	44 91		44 91		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

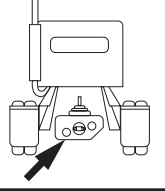



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
- Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RTO-1110, RTO-11610, RTO-11615, RTO-11715, RTO-12510, RTO-12515, RTO-12610, RTO-14610, RTO-14615, RTO-14715, RTO-14915, RTO-15615, RTO-15715, RTO-16715, RTO-16915 Footnote (3, 7)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1823 FPM RPM: 888				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 5	Opp	63					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 5	Opp	82					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 5	Opp	106					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 5	Opp	126					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 5	Opp	155					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 5	Opp	162					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 5	Opp	199					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 5	Opp	226					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 5	Opp	255					Included	Cable	176	34
TG8S-U6818-C1BH	1, 5	Opp	299					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX		Opp	82					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	121					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	5	Opp	150					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	5	Opp	199					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	5	Opp	231					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	59					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	75					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	82					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	97					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	121					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	150					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	199					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	249					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	2, 6 6	Opp Opp	46 95		46 95		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	58					Included	Lever	500	95
	828S-U6808-L1CX		Opp	92					Included	Lever	450	85
	828S-U6809-L1CX		Opp	114					Included	Lever	388	74
	828S-U6810-L1CX		Opp	123					Included	Lever	362	69
	828S-U6812-L1CX		Opp	141					Included	Lever	313	60
	828S-U6813-L1CX		Opp	163					Included	Lever	271	52
	828S-U6815-L1CX		Opp	178				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	220				23M80248 20MK8817	Included	Lever	202	38
1 FWD. 1 REV.												


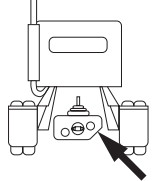


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the "1" arrangement PTO.
- 4 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)	
T-8607A, T-8607B, T-11606, T-11607A, T-11607B, TS-11612A, TSO-11612A, TS-12612A, TSO-12612A, TS-13612A, TSO-13612A, TS-15612A, TSO-15612A, TS-16612A, TSO-16612A Footnote (2,3)		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 78T 10.1P 20° PA Spur LOCATION: Front PLMF: .974 PLV: 1035 FPM RPM: 512	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F1005-C1BX	1	Opp	44				23M60165S	20MK6603	Cable	270	51
	TG6S-F1006-C1BX	1	Opp	58				23M60165S	20MK6603	Cable	245	47
	TG6S-F1007-C1BX	1	Opp	68				23M60165S	20MK6603	Cable	230	44
	TG6S-F1008-C1BX	1	Opp	83				23M60165S	20MK6603	Cable	230	44
	TG6S-F1009-C1BX	1	Opp	87				23M60165S	20MK6603	Cable	205	39
	TG6S-F1012-C1BH	1	Opp	107				23M60165S	20MK6603	Cable	210	40
	TG6S-F1013-C1BH	1	Opp	122				23M60165S	20MK6603	Cable	207	39
	TG6S-F1015-C1BH	1	Opp	137				23M60165S	20MK6603	Cable	184	35
	TG6S-F1018-C1BH	1	Opp	162				23M60165S	20MK6603	Cable	155	29
SH SERIES	SH6S-F1012-E1BX		Opp	109				23M60165S	20TK4433	Elec/Air	231	44
CLUTCH SHIFT	CS6S-F1012-E1BX		Opp	109				23M60165S	20TK4423	Power	231	44
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

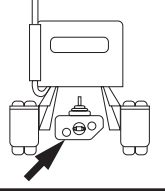



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T94192 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pumps will not clear bulge on right side.
- 3 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		T-8607A, T-8607B, T-11606, T-11607A, T-11607B, TS-11612A, TSO-11612A, TS-12612A, TSO-12612A, TS-13612A, TSO-13612A, TS-15612A, TSO-15612A, TS-16612A, TSO-16612A Footnote (2)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								78T 10.1P 20° PA Spur LOCATION: Front PLMF: .865 PLV: 1035 FPM RPM: 512				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-F1005-C1BX	1	Opp	44				23M80032	Included	Cable	270	51
	TG8S-F1006-C1BX	1	Opp	58				23M80032	Included	Cable	245	47
	TG8S-F1007-C1BX	1	Opp	68				23M80032	Included	Cable	230	44
	TG8S-F1008-C1BX	1	Opp	83				23M80032	Included	Cable	230	44
	TG8S-F1009-C1BX	1	Opp	87				23M80032	Included	Cable	205	39
	TG8S-F1012-C1BH	1	Opp	107				23M80032	Included	Cable	210	40
	TG8S-F1013-C1BH	1	Opp	122				23M80032	Included	Cable	199	38
	TG8S-F1015-C1BH	1	Opp	137				23M80032	Included	Cable	176	34
	TG8S-F1018-C1BH	1	Opp	162				23M80032	Included	Cable	148	28
SH SERIES	SH8S-F1012-E1BX		Opp	109				23M80032	Included	Elec/Air	231	44
	SH8S-F1013-E1BX		Opp	127				23M80032	Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-F1012-E1BX		Opp	109				23M80032	Included	Power	231	44
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

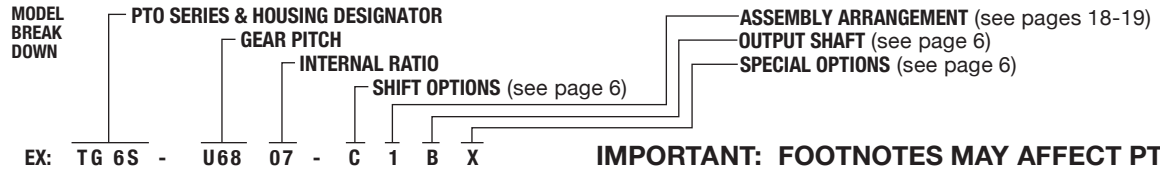
FOOTNOTES:

- 1 TG Series Input Gear: #03T94192 — Refer to kit program on pages 10 & 11.
- 2 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RT-9508, RT-11608, RT-14608, RT-8608L Footnote (3, 7)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1134 FPM RPM: 578				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 2, 5	Opp	51					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 5	Opp	66					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 5	Opp	79					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 5	Opp	96					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 5	Opp	100					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 5	Opp	123					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 5	Opp	140					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 5	Opp	158					Included	Cable	184	35
TG6S-U6818-C1BH	1, 2, 5	Opp	187					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	1	Opp	51					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 5	Opp	75					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 5	Opp	93					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 5	Opp	124					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1	Opp	36					Included	Power	300	57
	CS6S-U6004-E1BX	1	Opp	47					Included	Power	300	57
	CS6S-U6005-E1BX	1	Opp	51					Included	Power	300	57
	CS6S-U6806-E1BX	1	Opp	60					Included	Power	300	57
	CS6S-U6807-E1BX	1, 5	Opp	75					Included	Power	300	57
	CS6S-U6809-E1BX	1, 5	Opp	93					Included	Power	275	52
	CS6S-U6812-E1BX	1, 5	Opp	124					Included	Power	231	44
1 FWD. 1 REV.	RL6D-U6805-L3BX	6	Opp	59		59		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

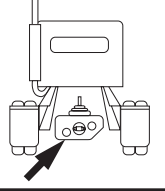

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



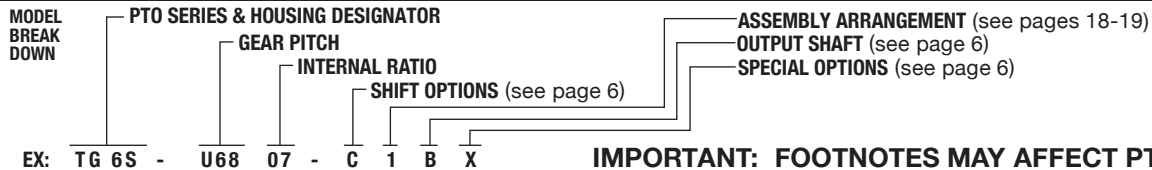
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 RT-9508, RT-11608, RT-14608, RT-8608L Footnote (2, 6)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 578			
								PLV: 1185 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 4	Opp	41					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 4	Opp	53					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 4	Opp	69					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 4	Opp	82					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 4	Opp	101					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 4	Opp	105					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 4	Opp	129					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 4	Opp	147					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 4	Opp	169					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 4	Opp	200					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX		Opp	53					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	78					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	4	Opp	98					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	4	Opp	130					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	4	Opp	150					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	37					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	49					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	53					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	63					Included	Power	300	57
	CS8S-U6807-E1BX	4	Opp	78					Included	Power	300	57
	CS8S-U6809-E1BX	4	Opp	98					Included	Power	275	52
	CS8S-U6812-E1BX	4	Opp	130					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	162					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6805-L3BX	5	Opp	62		62		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L1CX		Opp	60					Included	Lever	450	85
	828S-U6809-L1CX		Opp	74					Included	Lever	388	74
	828S-U6810-L1CX		Opp	80					Included	Lever	362	69
	828S-U6812-L1CX		Opp	92					Included	Lever	313	60
	828S-U6813-L1CX		Opp	106					Included	Lever	271	52
	828S-U6815-L1CX		Opp	116				(2) 23M80062 23M80248	Included	Lever	248	47
	828S-U6819-L1CX		Opp	143					Included	Lever	202	38
	1 FWD. 1 REV.											



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

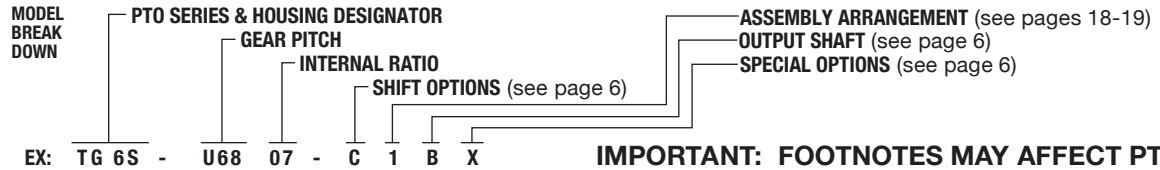
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the "1" arrangement PTO.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.
- 6 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)						
	RTO-9509B, 11609B, 11609H, 11709B, 11709H, 11710C, 12609B, 12609H, 12709H, 12710C, 13609B, 13609H, 13709H, 13710C, 14609B, 14609H, 14610C, 14709H, 14610C, 14710C (AS2), 14910C, 15710C, 16709B, 16709H, 16710C, 16910C, 11709MLL, 11909ALL, 11909MLL, 14709MLL, 14909MLL, 16909ALL, RTLO-12713A, 12913A, 14913A, 16913A, RTOO-9513, 11613, 14613 (This application also applies to models AS2 or AS3 suffix) Footnote (5, 10, 11)							SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:	
								45T 6P 20° PA Spur		LOCATION: Front			PLMF: 1.085	RPM: 790	PLV: 1550 FPM
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO			
				HI	LO	REV					TORQUE	HP		
SINGLE GEAR														
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 8	Opp	53					Included	Cable	285	54		
	TG6S-U6805-C1BX	1, 2, 8	Opp	70					Included	Cable	270	51		
	TG6S-U6806-C1BX	1, 2, 8	Opp	91					Included	Cable	245	47		
	TG6S-U6807-C1BX	1, 2, 8	Opp	107					Included	Cable	230	44		
	TG6S-U6808-C1BX	1, 2, 8	Opp	131					Included	Cable	230	44		
	TG6S-U6809-C1BX	1, 2, 8	Opp	137					Included	Cable	205	39		
	TG6S-U6812-C1BH	1, 2, 8	Opp	168					Included	Cable	210	40		
	TG6D-S6813-C1BH	1, 6	Opp	177				23M60200S	20MK6603	Cable	207	39		
	TG6D-S6815-C1BH	1, 4, 6	Opp	198				23M60200S	20MK6603	Cable	184	35		
SH SERIES	SH6S-U6005-E1BX	1	Opp	70					Included	Elec/Air	400	76		
	SH6S-U6807-E1BX	1, 8	Opp	103					Included	Elec/Air	383	73		
	SH6S-U6809-E1BX	1, 8	Opp	128					Included	Elec/Air	308	59		
	SH6D-S6812-E1BX	1	Opp	156				23M60200S	20TK4433	Elec/Air	231	44		
CLUTCH SHIFT	CS6S-U6003-E1BX	1	Opp	49					Included	Power	300	57		
	CS6S-U6004-E1BX	1	Opp	64					Included	Power	300	57		
	CS6S-U6005-E1BX	1	Opp	70					Included	Power	300	57		
	CS6S-U6806-E1BX	1	Opp	82					Included	Power	300	57		
	CS6S-U6807-E1BX	1, 8	Opp	103					Included	Power	300	57		
	CS6S-U6809-E1BX	1, 8	Opp	128					Included	Power	275	52		
	CS6D-S6812-E1BX	1	Opp	156				23M60200S	20TK4433	Power	231	44		
1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	3, 9 9	Opp Opp	40 81		40 81		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38		
ADAPTER TO CHANGE ROTATION		7	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

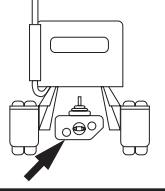

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



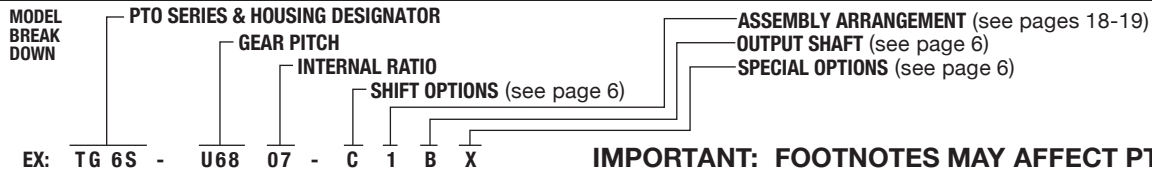
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box.
 - 18 ratio TG interferes with adjacent gear.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - TG Series Input Gear #03T94243 — Refer to kit program on pages 10 & 11.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S & stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - AS2 or AS3 Auto Shift transmissions need to be connected to PTO through the TCM per Eaton instructions.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION							BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)					
	RTO-9509B, 11609B, 11609H, 11709B, 11709H, 11710C, 12609B, 12609H, 12709H, 12710C, 13609B, 13609H, 13709H, 13710C, 14609B, 14609H, 14610C, 14709H, 14610C, 14710C (AS2), 14910C, 15710C, 16709B, 16709H, 16710C, 16910C, 11709MLL, 11909ALL, 11909MLL, 14709MLL, 14909MLL, 16909ALL, RTLO-12713A, 12913A, 14913A, 16913A, RTOO-9513, 11613, 14613 (This application page also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9)						SAE 8-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
							47T 6P 20° PA Spur	PLMF: .810				
							LOCATION: Front	RPM: 790				
							PLV: 1620 FPM					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 7	Opp	56					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 7	Opp	73					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 7	Opp	95					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 7	Opp	112					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 7	Opp	137					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 7	Opp	143					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 7	Opp	176					Included	Cable	210	40
	TG8D-S6813-C1BH	2	Opp	184				23M80190	20MK8808	Cable	199	38
	TG8D-S6815-C1BH	2	Opp	207				23M80190	20MK8808	Cable	176	34
SH SERIES	SH8S-U6005-E1BX		Opp	73					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	7	Opp	107					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	7	Opp	134					Included	Elec/Air	295	56
	SH8D-S6812-E1BX		Opp	163				23M80190	20MK8808	Elec/Air	221	42
	SH8D-S6813-E1BX		Opp	190				23M80190	20MK8808	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	51					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	67					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	73					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	86					Included	Power	300	57
	CS8S-U6807-E1BX	7	Opp	107					Included	Power	300	57
	CS8S-U6809-E1BX	7	Opp	134					Included	Power	221	42
	CS8D-S6812-E1BX		Opp	163				23M80190	20MK8808	Power	178	34
1 FWD. 1 REV.	RL8S-U6803-L3BX	5, 8	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	8	Opp	84		84		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	52					Included	Lever	500	95
	828S-U6808-L1CX		Opp	82					Included	Lever	450	85
	828S-U6809-L1CX		Opp	101					Included	Lever	388	74
	828S-U6810-L1CX		Opp	109					Included	Lever	362	69
	828S-U6812-L1CX		Opp	125					Included	Lever	313	60
	828S-U6813-L1CX		Opp	146					Included	Lever	271	52
	828S-U6815-L1CX		Opp	159				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	195				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

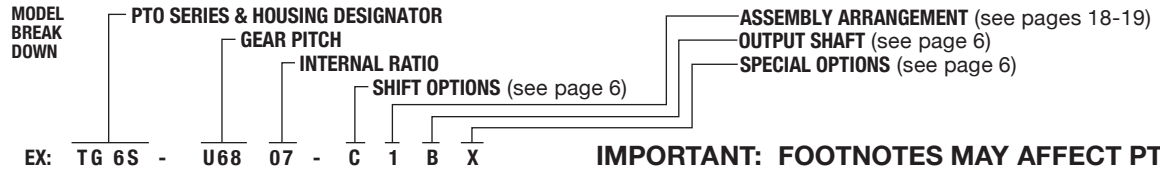
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 –refer to kit program on pages 10 &11.
- 2 TG Series Input Gear: #03T94243.
- 3 Vehicles with set-back front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the “1” arrangement PTO.
- 4 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 5 RL Series with combined reduction gear box. (“03” Ratio).
- 6 18 Ratio TG and CS 14 ratio interfere with adjacent gear.
- 7 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 8 Do not use for continuous duty applications.
- 9 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- 10 AS2 or AS3 Auto Shift transmissions need to be connected to PTO through the TCM per Eaton instructions.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RTO-11609P, RTO-12609P, RTO-13609P, RTO-14609P, RTO-11609R, RTO-12609R, RTO-13609R, RTO-14609R Footnote (4, 8)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1836 FPM					PLMF: 1.085 RPM: 935
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 3, 6	Opp	63					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 3, 6	Opp	82					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 3, 6	Opp	107					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 3, 6	Opp	127					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 3, 6	Opp	154					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 3, 6	Opp	161					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 3, 6	Opp	198					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 3, 6	Opp	225					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 3, 6	Opp	254					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 3, 6	Opp	302					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	3	Opp	83					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	3, 6	Opp	122					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	3, 6	Opp	151					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	3, 6	Opp	201					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	3	Opp	58					Included	Power	300	57
	CS6S-U6004-E1BX	3	Opp	76					Included	Power	300	57
	CS6S-U6005-E1BX	3	Opp	83					Included	Power	300	57
	CS6S-U6806-E1BX	3	Opp	97					Included	Power	300	57
	CS6S-U6807-E1BX	3, 6	Opp	122					Included	Power	300	57
	CS6S-U6809-E1BX	3, 6	Opp	151					Included	Power	275	52
	CS6S-U6812-E1BX	3, 6	Opp	201					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	2, 7 7	Opp Opp	47 96		47 96		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


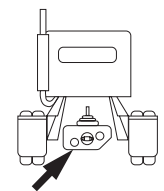
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

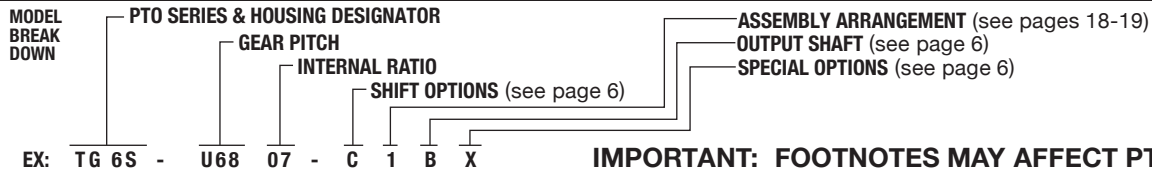
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)	
RTO-11609P, RTO-12609P, RTO-13609P, RTO-14609P, RTO-11609R, RTO-12609R, RTO-13609R, RTO-14609R Footnote (3, 7)		SAE 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1917 FPM RPM: 935	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 5	Opp	66					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 5	Opp	86					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 5	Opp	112					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 5	Opp	133					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 5	Opp	161					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 5	Opp	168					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 5	Opp	206					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 5	Opp	235					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 5	Opp	265					Included	Cable	176	34
TG8S-U6818-C1BH	1, 5	Opp	315					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX		Opp	86					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	127					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	5	Opp	158					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	5	Opp	210					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	5	Opp	244					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	60					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	79					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	86					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	102					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	127					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	158					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	210					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	262					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 6	Opp	49		49		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	6	Opp	100		100		23M80032	Included	Lever	200	38

ADAPTER TO CHANGE ROTATION 4 40TU6886-1 + 23M80500 + 23M80062 + 20MK8817 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

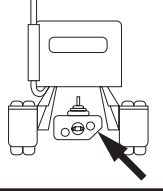

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	61					Included	Lever	500	95
	828S-U6808-L1CX		Opp	97					Included	Lever	450	85
	828S-U6809-L1CX		Opp	120					Included	Lever	388	74
	828S-U6810-L1CX		Opp	129					Included	Lever	362	69
	828S-U6812-L1CX		Opp	149					Included	Lever	313	60
	828S-U6813-L1CX		Opp	172					Included	Lever	271	52
	828S-U6815-L1CX		Opp	188				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	231				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												



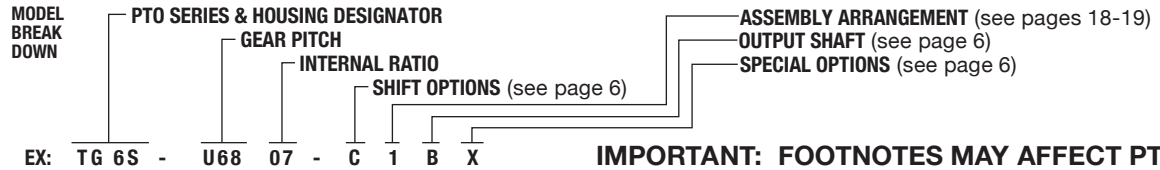
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 RL Series with combined reduction gear box.
 - 3 Vehicles with set-back front axles and direct mount pumps may find better clearance with a "3" assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the "1" arrangement PTO.
 - 4 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
 - 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
 - 6 Do not use for continuous duty applications.
 - 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	T-11607B-ASX, T-14607B-ASX, T-14607A, T-14607B Footnote (2, 3)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								78T 10.1P 21.5° PA Spur	PLMF: .974			
								LOCATION: Front	RPM: 512			
								PLV: 1035 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F1105-C1BX	1	Opp	44				23M60187S	20MK6603	Cable	270	51
	TG6S-F1106-C1BX	1	Opp	58				23M60187S	20MK6603	Cable	245	47
	TG6S-F1107-C1BX	1	Opp	68				23M60187S	20MK6603	Cable	230	44
	TG6S-F1108-C1BX	1	Opp	83				23M60187S	20MK6603	Cable	230	44
	TG6S-F1109-C1BX	1	Opp	87				23M60187S	20MK6603	Cable	205	39
	TG6S-F1112-C1BH	1	Opp	107				23M60187S	20MK6603	Cable	210	40
	TG6S-F1113-C1BH	1	Opp	122				23M60187S	20MK6603	Cable	207	39
	TG6S-F1115-C1BH	1	Opp	137				23M60187S	20MK6603	Cable	184	35
	TG6S-F1118-C1BH	1	Opp	163				23M60187S	20MK6603	Cable	155	29
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

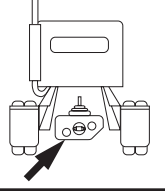



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

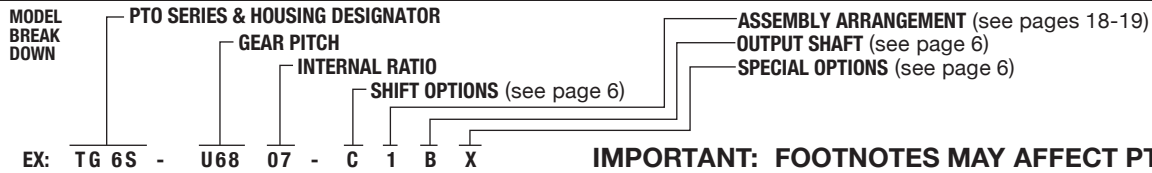
FOOTNOTES:

- 1 TG Series Input Gear: #03T35189 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pumps will not clear bulge on right side.
- 3 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		T-11607B-ASX, T-14607B-ASX, T-14607A, T-14607B Footnote (2)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								78T 10.1P 21.5° PA Spur LOCATION: Front PLMF: .865 PLV: 1035 FPM RPM: 512				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-F1105-C1BX	1	Opp	44				23M80032	Included	Cable	270	51
	TG8S-F1106-C1BX	1	Opp	58				23M80032	Included	Cable	245	47
	TG8S-F1107-C1BX	1	Opp	68				23M80032	Included	Cable	230	44
	TG8S-F1108-C1BX	1	Opp	83				23M80032	Included	Cable	230	44
	TG8S-F1109-C1BX	1	Opp	87				23M80032	Included	Cable	205	39
	TG8S-F1112-C1BH	1	Opp	107				23M80032	Included	Cable	210	40
	TG8S-F1113-C1BH	1	Opp	122				23M80032	Included	Cable	199	38
	TG8S-F1115-C1BH	1	Opp	137				23M80032	Included	Cable	176	34
	TG8S-F1118-C1BH	1	Opp	163				23M80032	Included	Cable	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-F1119-L1CX		Opp	125				23M80190	20MK8817	Lever	300	57
1 FWD. 1 REV.												

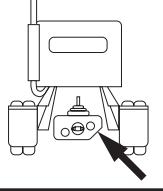



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

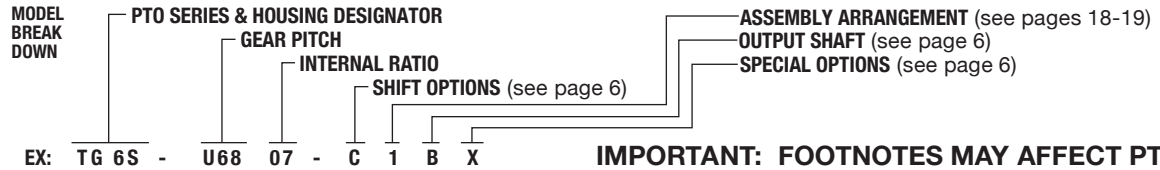
FOOTNOTES:

- 1 TG Series Input Gear: #03T35189 — Refer to kit program on pages 10 & 11.
- 2 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	TO-11607B-ASX, TO-14607B-ASX TX-14607B, TX-8607B Footnote (2, 3)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								78T 10.1P 21.5° PA Spur	PLMF: .974			
								LOCATION: Rear	RPM: 686			
								PLV: 1387 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F1104-C2BX	1	Opp	46				23M60187S	20MK6603	Cable	285	54
	TG6S-F1105-C2BX	1	Opp	60				23M60187S	20MK6603	Cable	270	51
	TG6S-F1106-C2BX	1	Opp	78				23M60187S	20MK6603	Cable	245	47
	TG6S-F1107-C2BX	1	Opp	92				23M60187S	20MK6603	Cable	230	44
	TG6S-F1108-C2BX	1	Opp	112				23M60187S	20MK6603	Cable	230	44
	TG6S-F1109-C2BX	1	Opp	117				23M60187S	20MK6603	Cable	205	39
	TG6S-F1112-C2BH	1	Opp	144				23M60187S	20MK6603	Cable	210	40
	TG6S-F1113-C2BH	1	Opp	164				23M60187S	20MK6603	Cable	207	39
	TG6S-F1115-C2BH	1	Opp	184				23M60187S	20MK6603	Cable	184	35
	TG6S-F1118-C2BH	1	Opp	219				23M60187S	20MK6603	Cable	155	29
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

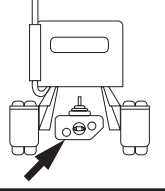



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

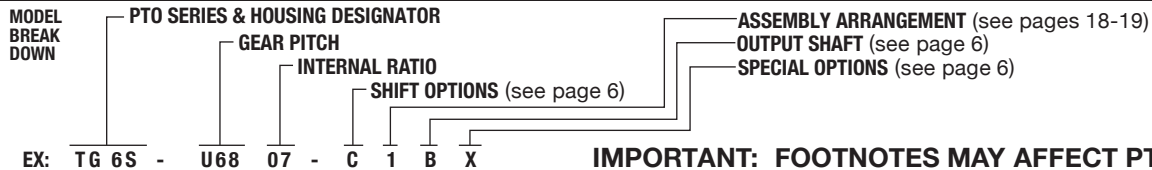
FOOTNOTES:

- 1 TG Series Input Gear: #03T35189 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pumps will not clear bulge on transmission case.
- 3 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TO-11607B-ASX, TO-14607B-ASX TX-14607B, TX-8607B Footnote (2)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								78T 10.1P 21.5° PA Spur LOCATION: Rear PLMF: .865 PLV: 1387 FPM RPM: 686				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-F1104-C2BX	1	Opp	46				23M80032	Included	Cable	285	54
	TG8S-F1105-C2BX	1	Opp	60				23M80032	Included	Cable	270	51
	TG8S-F1106-C2BX	1	Opp	78				23M80032	Included	Cable	245	47
	TG8S-F1107-C2BX	1	Opp	92				23M80032	Included	Cable	230	44
	TG8S-F1108-C2BX	1	Opp	112				23M80032	Included	Cable	230	44
	TG8S-F1109-C2BX	1	Opp	117				23M80032	Included	Cable	205	39
	TG8S-F1112-C2BH	1	Opp	144				23M80032	Included	Cable	210	40
	TG8S-F1113-C2BH	1	Opp	164				23M80032	Included	Cable	199	38
	TG8S-F1115-C2BH	1	Opp	184				23M80032	Included	Cable	176	34
	TG8S-F1118-C2BH	1	Opp	219				23M80032	Included	Cable	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-F1119-L2CX		Opp	167				23M80190	20MK8817	Lever	202	38
1 FWD. 1 REV.												

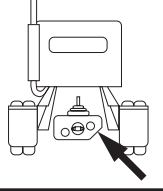



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35189 — Refer to kit program on pages 10 & 11.
- 2 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RT-9109A-AT, RT-11109A-AT, RT-12109A-AT, RT-14109A-AT, RTLO-9118 Footnote (1, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 700			
								PLV: 1370 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	2, 3, 4, 7	Opp	47					Included	Cable	285	54
	TG6S-U6805-C1BX	2, 3, 4, 7	Opp	62					Included	Cable	270	51
	TG6S-U6806-C1BX	2, 3, 4, 7	Opp	80					Included	Cable	245	47
	TG6S-U6807-C1BX	2, 3, 4, 7	Opp	95					Included	Cable	230	44
	TG6S-U6808-C1BX	2, 3, 4, 7	Opp	116					Included	Cable	230	44
	TG6S-U6809-C1BX	2, 3, 4, 7	Opp	121					Included	Cable	205	39
	TG6S-U6812-C1BH	2, 3, 4, 7	Opp	149					Included	Cable	210	40
	TG6S-U6813-C1BH	2, 3, 4, 7	Opp	169					Included	Cable	207	39
	TG6S-U6815-C1BH	2, 3, 4, 7	Opp	191					Included	Cable	184	35
	TG6S-U6818-C1BH	2, 3, 4, 7	Opp	227					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	3, 6	Opp	62					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	3, 6, 7	Opp	91					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	3, 6, 7	Opp	113					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	3, 6, 7	Opp	150					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	3, 6	Opp	43					Included	Power	300	57
	CS6S-U6004-E1BX	3, 6	Opp	57					Included	Power	300	57
	CS6S-U6005-E1BX	3, 6	Opp	62					Included	Power	300	57
	CS6S-U6806-E1BX	3, 6	Opp	73					Included	Power	300	57
	CS6S-U6807-E1BX	3, 6, 7	Opp	91					Included	Power	300	57
	CS6S-U6809-E1BX	3, 6, 7	Opp	113					Included	Power	275	52
	CS6S-U6812-E1BX	3, 6, 7	Opp	150					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6805-L3BX	4, 8	Opp	72		72		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

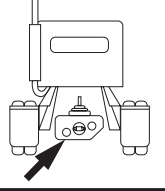

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



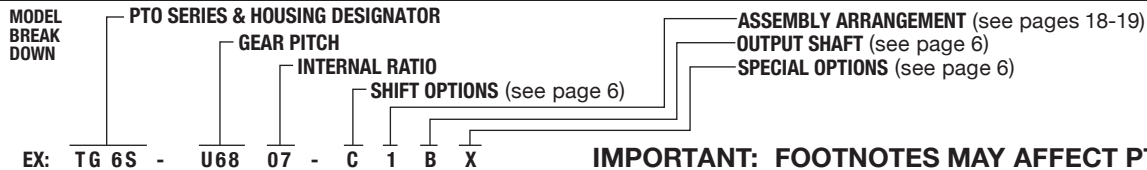
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Sold separately.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		RT-9109A-AT, RT-11109A-AT, RT-12109A-AT, RT-14109A-AT, RTLO-9118 Footnote (1, 5, 11)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 700			
								PLV: 1435 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	2, 3, 7	Opp	49					Included	Cable	285	54
	TG8S-U6805-C1BX	2, 3, 7	Opp	64					Included	Cable	270	51
	TG8S-U6806-C1BX	2, 3, 7	Opp	84					Included	Cable	245	47
	TG8S-U6807-C1BX	2, 3, 7	Opp	99					Included	Cable	230	44
	TG8S-U6808-C1BX	2, 3, 7	Opp	122					Included	Cable	230	44
	TG8S-U6809-C1BX	2, 3, 7	Opp	127					Included	Cable	205	39
	TG8S-U6812-C1BH	2, 3, 7	Opp	156					Included	Cable	210	40
	TG8S-U6813-C1BH	2, 3, 7	Opp	177					Included	Cable	199	38
	TG8S-U6815-C1BH	2, 3, 7	Opp	200					Included	Cable	176	34
	TG8S-U6818-C1BH	2, 3, 7	Opp	236					Included	Cable	148	28
SH SERIES	SH8G-U6005-E1BX	6, 9	Opp	65					Included	Elec/Air	400	76
	SH8G-U6807-E1BX	6, 7, 9	Opp	95					Included	Elec/Air	366	70
	SH8G-U6809-E1BX	6, 7, 9	Opp	118					Included	Elec/Air	295	56
	SH8G-U6812-E1BX	6, 7, 9	Opp	157					Included	Elec/Air	221	42
	SH8G-U6813-E1BX	6, 7, 9	Opp	182					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8G-U6003-E1BX	6, 8	Opp	45					Included	Power	300	57
	CS8G-U6004-E1BX	6, 8	Opp	60					Included	Power	300	57
	CS8G-U6005-E1BX	6, 8	Opp	65					Included	Power	300	57
	CS8G-U6806-E1BX	6, 8	Opp	76					Included	Power	300	57
	CS8G-U6807-E1BX	6, 7, 8	Opp	95					Included	Power	300	57
	CS8G-U6809-E1BX	6, 7, 8	Opp	118					Included	Power	275	52
	CS8G-U6812-E1BX	6, 7, 8	Opp	157					Included	Power	221	42
	CS8G-U6814-E1BX	6, 8	Opp	196					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6805-L3BX	3, 10	Opp	75		75		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	PTO HOUSING INTERFERENCE WITH TORQUE CONVERTER HOUSING											
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

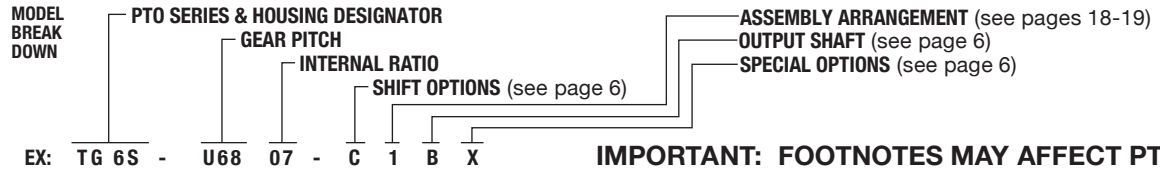
FOOTNOTES:

- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
- TG Series Input Gear: #03T34284 - Refer to kit program on pages 10 & 11.
- Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Both sold separately.
- Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- Transmissions with the optional Low profile oil pan will **NOT** accept PTOs on this opening.
- Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- CS8G version without the Drag brake is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
- SH8G version is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RTO-9109A-AT, RTO-11109A-AT, RTO-12109A-AT, RTO-13109A-AT, RTO-14109A-AT, RTO-16109A-ATE Footnote (1, 10)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1854FPM					PLMF: 1.085	RPM: 944
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	2, 3, 5, 8	Opp	64					Included	Cable	285	54
	TG6S-U6805-C1BX	2, 3, 5, 8	Opp	83					Included	Cable	270	51
	TG6S-U6806-C1BX	2, 3, 5, 8	Opp	108					Included	Cable	245	47
	TG6S-U6807-C1BX	2, 3, 5, 8	Opp	128					Included	Cable	230	44
	TG6S-U6808-C1BX	2, 3, 5, 8	Opp	156					Included	Cable	230	44
	TG6S-U6809-C1BX	2, 3, 5, 8	Opp	163					Included	Cable	205	39
	TG6S-U6812-C1BH	2, 3, 5, 8	Opp	200					Included	Cable	210	40
	TG6S-U6813-C1BH	2, 3, 5, 8	Opp	228					Included	Cable	207	39
	TG6S-U6815-C1BH	2, 3, 5, 8	Opp	257					Included	Cable	184	35
TG6S-U6818-C1BH	2, 3, 5, 8	Opp	304					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX	3, 7	Opp	83					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	3, 7, 8	Opp	123					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	3, 7, 8	Opp	153					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	3, 7, 8	Opp	203					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	3, 7	Opp	58					Included	Power	300	57
	CS6S-U6004-E1BX	3, 7	Opp	76					Included	Power	300	57
	CS6S-U6005-E1BX	3, 7	Opp	83					Included	Power	300	57
	CS6S-U6806-E1BX	3, 7	Opp	96					Included	Power	300	57
	CS6S-U6807-E1BX	3, 7, 8	Opp	123					Included	Power	300	57
	CS6S-U6809-E1BX	3, 7, 8	Opp	153					Included	Power	275	52
	CS6S-U6812-E1BX	3, 7, 8	Opp	203					Included	Power	231	44
1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 5, 9 5, 9	Opp Opp	47 96		47 96		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		6	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


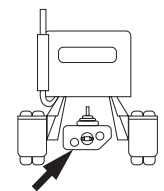
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - RL Series with combined reduction gear box.
 - Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Sold separately.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S & stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)	
RTO-9109A-AT, RTO-11109A-AT, RTO-12109A-AT, RTO-13109A-AT, RTO-14109A-AT, RTO-16109A-ATE Footnote (1, 6, 12)		SAE 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1939 FPM RPM: 944	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	2, 4, 8	Opp	67					Included	Cable	285	54
	TG8S-U6805-C1BX	2, 4, 8	Opp	87					Included	Cable	270	51
	TG8S-U6806-C1BX	2, 4, 8	Opp	113					Included	Cable	245	47
	TG8S-U6807-C1BX	2, 4, 8	Opp	134					Included	Cable	230	44
	TG8S-U6808-C1BX	2, 4, 8	Opp	164					Included	Cable	230	44
	TG8S-U6809-C1BX	2, 4, 8	Opp	171					Included	Cable	205	39
	TG8S-U6812-C1BH	2, 4, 8	Opp	210					Included	Cable	210	40
	TG8S-U6813-C1BH	2, 4, 8	Opp	239					Included	Cable	199	38
	TG8S-U6815-C1BH	2, 4, 8	Opp	269					Included	Cable	176	34
	TG8S-U6818-C1BH	2, 4, 8	Opp	318					Included	Cable	148	28
SH SERIES	SH8G-U6005-E1BX	7, 10	Opp	87					Included	Elec/Air	400	76
	SH8G-U6807-E1BX	7, 8, 10	Opp	128					Included	Elec/Air	366	70
	SH8G-U6809-E1BX	7, 8, 10	Opp	160					Included	Elec/Air	295	56
	SH8G-U6812-E1BX	7, 8, 10	Opp	212					Included	Elec/Air	221	42
	SH8G-U6813-E1BX	7, 8, 10	Opp	246					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8G-U6003-E1BX	7, 9	Opp	61					Included	Power	300	57
	CS8G-U6004-E1BX	7, 9	Opp	80					Included	Power	300	57
	CS8G-U6005-E1BX	7, 9	Opp	87					Included	Power	300	57
	CS8G-U6806-E1BX	7, 9	Opp	103					Included	Power	300	57
	CS8G-U6807-E1BX	7, 8, 9	Opp	128					Included	Power	300	57
	CS8G-U6809-E1BX	7, 8, 9	Opp	160					Included	Power	275	52
	CS8G-U6812-E1BX	7, 8, 9	Opp	212					Included	Power	221	42
	CS8G-U6814-E1BX	7, 9	Opp	265					Included	Power	178	34
1 FWD. 1 REV.	RL8S-U6803-L3BX	3, 4, 11	Opp	49		49		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	4, 11	Opp	101		101		23M80032	Included	Lever	200	38

ADAPTER TO CHANGE ROTATION 5 40TU6886-1 + 23M80500 + 23M80062 + 20MK8817 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

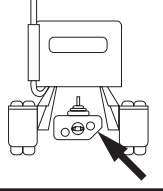

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	PTO HOUSING INTERFERENCE WITH TORQUE CONVERTER HOUSING											
1 FWD. 1 REV.												



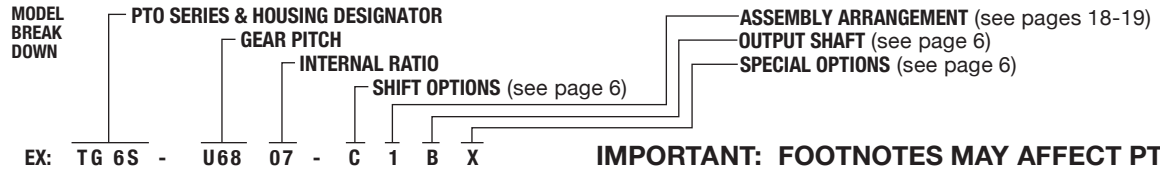
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box.
 - Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Both sold separately.
 - Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
 - Transmissions with the optional Lo profile oil pan will NOT accept PTOs on this opening.
 - Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
 - CS8G version without the Drag brake is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
 - SH8G version is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION							RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)					
	RTO-9109B-AT, RTO-11109B-AT, RTO-12109B-AT, RTO-13109B-AT, RTO-14109B-AT, RTO-16109B-AT Footnote (1, 11)						SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1550FPM					PLMF: 1.085 RPM: 790
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	2, 3, 5, 9	Opp	53					Included	Cable	285	54
	TG6S-U6805-C1BX	2, 3, 5, 9	Opp	70					Included	Cable	270	51
	TG6S-U6806-C1BX	2, 3, 5, 9	Opp	91					Included	Cable	245	47
	TG6S-U6807-C1BX	2, 3, 5, 9	Opp	107					Included	Cable	230	44
	TG6S-U6808-C1BX	2, 3, 5, 9	Opp	131					Included	Cable	230	44
	TG6S-U6809-C1BX	2, 3, 5, 9	Opp	137					Included	Cable	205	39
	TG6S-U6812-C1BH	2, 3, 5, 9	Opp	168					Included	Cable	210	40
	TG6D-S6813-C1BH	3, 5, 6	Opp	177				23M60200S	20MK6603	Cable	207	39
	TG6D-S6815-C1BH	3, 5, 6	Opp	198				23M60200S	20MK6603	Cable	184	35
SH SERIES	SH6S-U6005-E1BX	3, 8	Opp	70					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	3, 8, 9	Opp	103					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	3, 8, 9	Opp	128					Included	Elec/Air	308	59
	SH6D-S6812-E1BX	3, 8	Opp	156				23M60200S	20TK4433	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	3, 8	Opp	49					Included	Power	300	57
	CS6S-U6004-E1BX	3, 8	Opp	64					Included	Power	300	57
	CS6S-U6005-E1BX	3, 8	Opp	70					Included	Power	300	57
	CS6S-U6806-E1BX	3, 8	Opp	82					Included	Power	300	57
	CS6S-U6807-E1BX	3, 8, 9	Opp	103					Included	Power	300	57
	CS6S-U6809-E1BX	3, 8, 9	Opp	128					Included	Power	275	52
	CS6D-S6812-E1BX	3, 8	Opp	156				23M60200S	20TK4433	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 5, 10 5, 10	Opp Opp	40 81		40 81		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		7	40TU6855-1				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

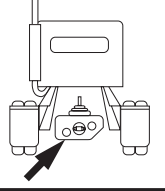

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



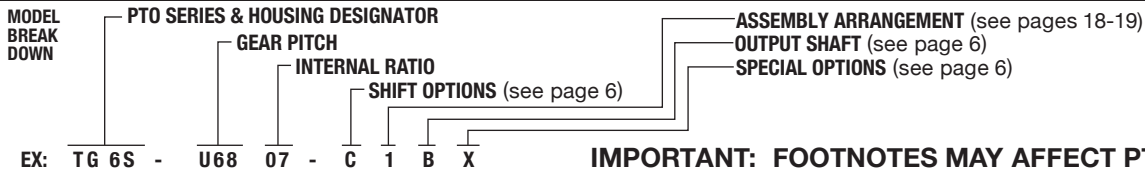
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds are shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to the PTO indicator switch as described in the PTO Operator's Manual.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - RL Series with combined reduction gear box.
 - Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Both sold separately.
 - TG Series Input Gear #03T94243.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,100 RPM.

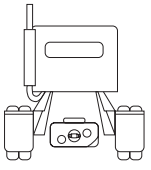

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 RTO-9109B-AT, RTO-11109B-AT, RTO-12109B-AT, RTO-13109B-AT, RTO-14109B-AT, RTO-16109B-AT Footnote (1, 6, 13)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 47T 6P 20° PA Spur LOCATION: Front PLMF: .810 PLV: 1620 FPM RPM: 790				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	2, 4, 9	Opp	56					Included	Cable	285	54
	TG8S-U6805-C1BX	2, 4, 9	Opp	73					Included	Cable	270	51
	TG8S-U6806-C1BX	2, 4, 9	Opp	95					Included	Cable	245	47
	TG8S-U6807-C1BX	2, 4, 9	Opp	112					Included	Cable	230	44
	TG8S-U6808-C1BX	2, 4, 9	Opp	137					Included	Cable	230	44
	TG8S-U6809-C1BX	2, 4, 9	Opp	143					Included	Cable	205	39
	TG8S-U6812-C1BH	2, 4, 9	Opp	176					Included	Cable	210	40
	TG8D-S6813-C1BH	4, 7	Opp	184				23M80190	20MK8808	Cable	199	38
	TG8D-S6815-C1BH	4, 7	Opp	207				23M80190	20MK8808	Cable	176	34
SH SERIES	SH8G-U6005-E1BX	8, 11	Opp	73					Included	Elec/Air	400	76
	SH8G-U6807-E1BX	8, 9, 11	Opp	107					Included	Elec/Air	366	70
	SH8G-U6809-E1BX	8, 9, 11	Opp	134					Included	Elec/Air	295	56
	SH8G-S6812-E1BX	8, 11	Opp	163				23M80190	20MK8808	Elec/Air	221	42
	SH8G-S6813-E1BX	8, 11	Opp	190				23M80190	20MK8808	Elec/Air	200	38
CLUTCH SHIFT	CS8G-U6003-E1BX	8, 10	Opp	51					Included	Power	300	57
	CS8G-U6004-E1BX	8, 10	Opp	67					Included	Power	300	57
	CS8G-U6005-E1BX	8, 10	Opp	73					Included	Power	300	57
	CS8G-U6806-E1BX	8, 10	Opp	86					Included	Power	300	57
	CS8G-U6807-E1BX	8, 9, 10	Opp	107					Included	Power	300	57
	CS8G-U6809-E1BX	8, 9, 10	Opp	134					Included	Power	275	52
	CS8G-S6812-E1BX	8, 10	Opp	163				23M80190	20MK8808	Power	221	42
	CS8G-S6813-E1BX	8, 10	Opp	163				23M80190	20MK8808	Power	221	42
1 FWD. 1 REV.	RL8S-U6803-L3BX	3, 4, 12	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	4, 12	Opp	84		84		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	PTO HOUSING INTERFERENCE WITH TORQUE CONVERTER HOUSING											
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds shown with torque converter in lock-up condition. Torque converter lock-up can be obtained by making the connection to PTO indicator switch as described in the PTO Operator's Manual.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box.
 - Requires indicator switch kit 48MK1434-14. TG Series electric/air shift option requires kit 48MK1435-14 instead. Both sold separately.
 - Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
 - Transmissions with the optional Lo profile oil pan will accept PTOs on this opening.
 - TG Series Input Gear #03T94243 — Refer to kit program on page 10 & 11.
 - Requires 48T37432 for connection to pressure switch pigtail, use 34MA1420 for "A" manual airshift option.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
 - CS8G version without the Drag brake is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
 - SH8G version is required due to interference with the torque converter housing. This option is only available with the "B", "K" or "V" output shaft option.
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

FULLER TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		CEEMAT WITH ENGINE DRIVEN PTO OPENING					PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTOS - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

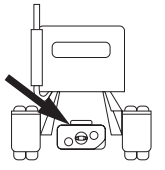
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



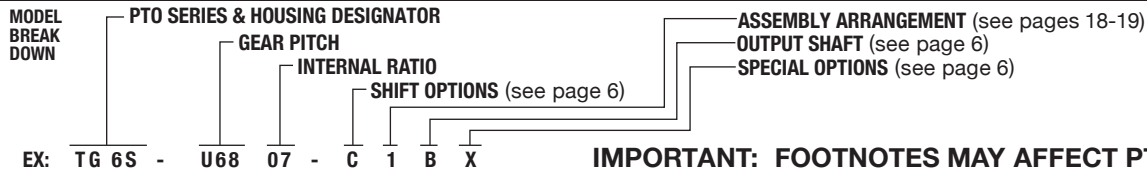
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
CEEMAT WITH ENGINE DRIVEN PTO OPENING								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								66T 8.55P 21° Spur			PLMF: 5.046	
								LOCATION: Front			RPM: 1,000	
								PLV: 2021 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
NO PTOS AVAILABLE												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

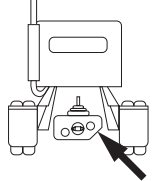

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



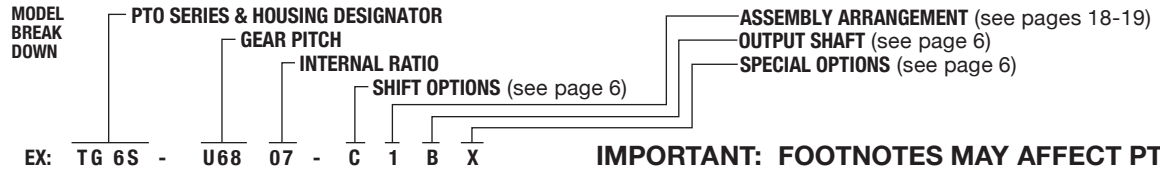
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	FR-9210A, FRO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 17210C, 18210C, RTO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 11210R, 12210R, 13210R, 14210R Footnote (1, 3, 7, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-U6804-C1BX	2, 6	Opp	57					Included	Cable	285	54
	TG6B-U6805-C1BX	2, 6	Opp	74					Included	Cable	270	51
	TG6B-U6806-C1BX	2, 6	Opp	96					Included	Cable	245	47
	TG6B-U6807-C1BX	2, 6	Opp	113					Included	Cable	230	44
	TG6B-U6808-C1BX	2, 6	Opp	139					Included	Cable	230	44
	TG6B-U6809-C1BX	2, 6	Opp	145					Included	Cable	205	39
	TG6B-U6812-C1BH	2, 6	Opp	184					Included	Cable	210	40
	TG6B-U6813-C1BH	2, 6	Opp	209					Included	Cable	207	39
	TG6B-U6815-C1BH	2, 6	Opp	236					Included	Cable	184	35
	TG6D-S6818-C1BH	2, 6	Opp	252				23M60200S	20MKM603	Cable	155	29
SH SERIES	SH6B-U6005-E1BX		Opp	74					Included	Elec/Air	400	76
	SH6B-U6807-E1BX	6	Opp	109					Included	Elec/Air	383	73
	SH6B-U6809-E1BX	6	Opp	136				23M60200S	20TK4360	Elec/Air	308	59
	SH6D-S6812-E1BX		Opp	167					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6B-U6003-E1BX		Opp	52					Included	Power	300	57
	CS6B-U6004-E1BX		Opp	68					Included	Power	300	57
	CS6B-U6005-E1BX		Opp	74					Included	Power	300	57
	CS6B-U6806-E1BX		Opp	88					Included	Power	300	57
	CS6B-U6807-E1BX	6	Opp	109					Included	Power	300	57
	CS6B-U6809-E1BX	6	Opp	136				23M60200S	20TK4360	Power	275	52
	CS6D-S6812-E1BX		Opp	167					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX	4, 8	Opp	42		42		23M60200S	20MKM603	Lever	200	38
	RL6D-U6805-L3BX	8	Opp	86		86		23M60200S	20MKM603	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1M					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

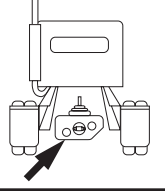

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Metric stud kit is included (unless otherwise noted).
 - 2 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 3 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 4 RL Series with combined reduction gear box.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1M & 40TU6830-1M are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended. The PTO needs to be ordered with the standard "S" housing designator for the correct stud kit to mount to the adapter.
 - 6 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MKM603 (20TK4360 for CS or SH Series).
 - 7 FRO Series transmissions are available with built-in oil cooler requires 40TU6800+23M62000+20MKM114 to mount PTO. Please note the rotation change when using this adapter. There is possible interference with a spring hanger in addition to the integral oil cooler. If this is present on your application then this adapter will not allow the PTO to clear the spring hanger. Satisfactory installation has been made with the CS6 or SH6 PTO **without an adapter** and only using the "B" output shaft option with a driveshaft. The bolts holding the spring need to be removed and installed with the nuts to the outside for PTO clearance.
 - 8 Do not use for continuous duty applications.
 - 9 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	FR-9210A, FRO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 17210C, 18210C, RTO-11210C, 12210C, 13210C, 14210C, 15210C, 16210C, 11210R, 12210R, 13210R, 14210R Footnote (1, 9)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 840			
								PLV: 1723 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8B-U6804-C1BX	2, 7	Opp	59					Included	Cable	285	54
	TG8B-U6805-C1BX	2, 7	Opp	77					Included	Cable	270	51
	TG8B-U6806-C1BX	2, 7	Opp	100					Included	Cable	245	47
	TG8B-U6807-C1BX	2, 7	Opp	118					Included	Cable	230	44
	TG8B-U6808-C1BX	2, 7	Opp	145					Included	Cable	230	44
	TG8B-U6809-C1BX	2, 7	Opp	151					Included	Cable	205	39
	TG8B-U6812-C1BH	2, 7	Opp	186					Included	Cable	210	40
	TG8B-U6813-C1BH	2, 7	Opp	212					Included	Cable	199	38
	TG8B-U6815-C1BH	2, 7	Opp	247					Included	Cable	176	34
TG8B-U6818-C1BH	2, 7	Opp	283					Included	Cable	148	28	
SH SERIES	SH8B-U6005-E1BX		Opp	77					Included	Elec/Air	400	76
	SH8B-U6807-E1BX	7	Opp	114					Included	Elec/Air	366	70
	SH8B-U6809-E1BX	7	Opp	142					Included	Elec/Air	295	56
	SH8B-U6812-E1BX	7	Opp	189					Included	Elec/Air	221	42
	SH8B-U6813-E1BX	7	Opp	219					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8B-U6003-E1BX		Opp	54					Included	Power	300	57
	CS8B-U6004-E1BX		Opp	71					Included	Power	300	57
	CS8B-U6005-E1BX		Opp	77					Included	Power	300	57
	CS8B-U6806-E1BX		Opp	91					Included	Power	300	57
	CS8B-U6807-E1BX	7	Opp	114					Included	Power	300	57
	CS8B-U6809-E1BX	7	Opp	142					Included	Power	275	52
	CS8B-U6812-E1BX	7	Opp	189					Included	Power	221	42
	1 FWD. 1 REV.	RL8B-U6803-L3BX RL8B-U6805-L3BX	4, 8 8	Opp Opp	44 90		44 90		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500 +23M80062 + 20MKM804					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828B-U6805-L1CX		Opp	55					Included	Lever	500	95
	828B-U6808-L1CX		Opp	87					Included	Lever	450	85
	828B-U6809-L1CX		Opp	107					Included	Lever	388	74
	828B-U6810-L1CX		Opp	116					Included	Lever	362	69
	828B-U6812-L1CX		Opp	133					Included	Lever	313	60
	828B-U6813-L1CX		Opp	154					Included	Lever	271	52
	828B-U6815-L1CX		Opp	169				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	207				23M80248	20MKM804	Lever	202	38
	1 FWD. 1 REV.											



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

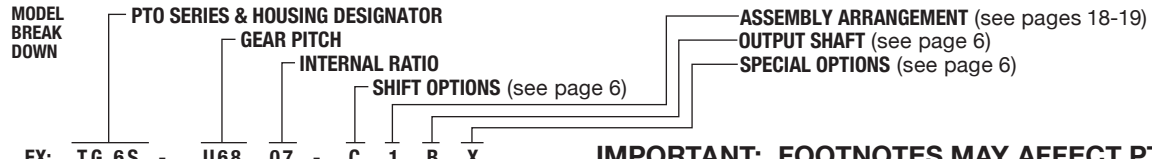
FOOTNOTES:

- 1 Metric stud kit included.
- 2 TG Series Input Gear: #03T34284. Refer to kit program on pages 10 & 11.
- 3 29MK8460M adapter plate includes the 20MKM800 metric stud kit.
- 4 RL Series with combined reduction gear box.
- 5 Change TG, CS, SH or RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, RL6D respectively). For all Series PTOs retain standard stud kit for PTO. Add 23M60200S+20MK6603 for RL Series on PTO side of adapter.
- 6 29MK8248M adapter plate includes the 20MKM800 metric stud kit.
- 7 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MKM802.
- 8 Do not use for continuous duty applications.
- 9 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	FRO-9210B, 11210B, 12210B, 13210B, 14210B, 15210B, 16210B, RTO-11209B, 12209B, 13209B, 14209B, 11209H, 12209H, 13209H, 14209H, 11210B, 12210B, 13210B, 14210B, 15210B, 16210B Footnote (1, 3, 8, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 870			
								PLV: 1708 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-U6804-C1BX	2, 6	Opp	59					Included	Cable	285	54
	TG6B-U6805-C1BX	2, 6	Opp	77					Included	Cable	270	51
	TG6B-U6806-C1BX	2, 6	Opp	100					Included	Cable	245	47
	TG6B-U6807-C1BX	2, 6	Opp	117					Included	Cable	230	44
	TG6B-U6808-C1BX	2, 6	Opp	144					Included	Cable	230	44
	TG6B-U6809-C1BX	2, 6	Opp	150					Included	Cable	205	39
	TG6B-U6812-C1BH	2, 6	Opp	191					Included	Cable	210	40
	TG6B-U6813-C1BH	2, 6	Opp	217					Included	Cable	207	39
	TG6B-U6815-C1BH	2, 6	Opp	245					Included	Cable	184	35
	TG6D-S6818-C1BH	2	Opp	259				23M60200S	20MKM603	Cable	155	29
SH SERIES	SH6B-U6005-E1BX		Opp	77					Included	Elec/Air	400	76
	SH6B-U6807-E1BX	6	Opp	113					Included	Elec/Air	383	73
	SH6B-U6809-E1BX	6	Opp	141					Included	Elec/Air	308	59
	SH6D-S6812-E1BX		Opp	172				23M60200S	20TK4360	Elec/Air	231	44
CLUTCH SHIFT	CS6B-U6003-E1BX		Opp	54					Included	Power	300	57
	CS6B-U6004-E1BX		Opp	70					Included	Power	300	57
	CS6B-U6005-E1BX		Opp	77					Included	Power	300	57
	CS6B-U6806-E1BX		Opp	91					Included	Power	300	57
	CS6B-U6807-E1BX	6	Opp	113					Included	Power	300	57
	CS6B-U6809-E1BX	6	Opp	141					Included	Power	275	52
	CS6D-S6812-E1BX		Opp	172				23M60200S	20TK4360	Power	275	52
	1 FWD. 1 REV.	RL6D-U6803-L3BX	4, 7	Opp	43		43		23M60200S	20MKM603	Lever	200	38
	RL6D-U6805-L3BX	7	Opp	89		89		23M60200S	20MKM603	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1M					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

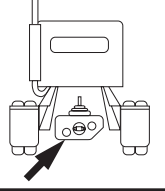

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Metric stud kit included (unless otherwise noted).
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used.
 - RL Series with combined reduction gear box.
 - Typical adapter used to clear frame interference. 40TU6845-1M & 40TU6830-1M are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended. The PTO needs to be ordered with the standard "S" housing designator for the correct stud kit to mount to the adapter.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MKM603 (20TK4360 for SH or CS).
 - FRO Series transmissions are available with built-in oil cooler requires 40TU6800+23M62000+20MKM114 to mount PTO. Please note the rotation change when using this adapter. There is possible interference with a spring hanger in addition to the integral oil cooler. If this is present on your application then this adapter will not allow the PTO to clear the spring hanger. Satisfactory installation has been made with the CS6 or SH6 PTO **without an adapter** and only using the "B" output shaft option with a driveshaft. The bolts holding the spring need to be removed and installed with the nuts to the outside for PTO clearance.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - FRO Series transmissions are available with built-in oil cooler requires 40TU6800+23M62000+20MKM114 to mount PTO. Please note the rotation change when using this adapter. There is possible interference with a spring hanger in addition to the integral oil cooler. If this is present on your application then this adapter will not allow the PTO to clear the spring hanger. Satisfactory installation has been made with the CS6 or SH6 PTO **without an adapter** and only using the "B" output shaft option with a driveshaft. The bolts holding the spring need to be removed and installed with the nuts to the outside for PTO clearance.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	FRO-9210B, 11210B, 12210B, 13210B, 14210B, 15210B, 16210B, RTO-11209B, 12209B, 13209B, 14209B, 11209H, 12209H, 13209H, 11210B, 12210B, 13210B, 14210B, 15210B, 16210B Footnote (1, 10)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 870			
								PLV: 1784 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8B-U6804-C1BX	2, 7	Opp	61					Included	Cable	285	54
	TG8B-U6805-C1BX	2, 7	Opp	80					Included	Cable	270	51
	TG8B-U6806-C1BX	2, 7	Opp	104					Included	Cable	245	47
	TG8B-U6807-C1BX	2, 7	Opp	123					Included	Cable	230	44
	TG8B-U6808-C1BX	2, 7	Opp	150					Included	Cable	230	44
	TG8B-U6809-C1BX	2, 7	Opp	157					Included	Cable	205	39
	TG8B-U6812-C1BH	2, 7	Opp	193					Included	Cable	210	40
	TG8B-U6813-C1BH	2, 7	Opp	219					Included	Cable	199	38
	TG8B-U6815-C1BH	2, 7	Opp	256					Included	Cable	176	34
	TG8D-S6818-C1BH	8	Opp	270				23M80190	20MKM802	Cable	148	28
SH SERIES	SH8B-U6005-E1BX		Opp	80					Included	Elec/Air	400	76
	SH8B-U6807-E1BX	7	Opp	118					Included	Elec/Air	366	70
	SH8B-U6809-E1BX	7	Opp	147					Included	Elec/Air	295	56
	SH8B-U6812-E1BX	7	Opp	195					Included	Elec/Air	221	42
	SH8B-U6813-E1BX	7	Opp	227					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8B-U6003-E1BX		Opp	56					Included	Power	300	57
	CS8B-U6004-E1BX		Opp	74					Included	Power	300	57
	CS8B-U6005-E1BX		Opp	80					Included	Power	300	57
	CS8B-U6806-E1BX		Opp	95					Included	Power	300	57
	CS8B-U6807-E1BX	7	Opp	118					Included	Power	300	57
	CS8B-U6809-E1BX	7	Opp	147					Included	Power	275	52
	CS8B-U6812-E1BX	7	Opp	195					Included	Power	221	42
	CS8B-U6814-E1BX		Opp	244					Included	Power	178	34
	1 FWD. 1 REV.	RL8B-U6803-L3BX	4, 9	Opp	45		45		23M80032	Included	Lever	200	38
	RL8B-U6805-L3BX	9	Opp	93		93		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500 + 23M80062 + 20MKM804					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828B-U6805-L1CX		Opp	57					Included	Lever	500	95
	828B-U6808-L1CX		Opp	90					Included	Lever	450	85
	828B-U6809-L1CX		Opp	111					Included	Lever	388	74
	828B-U6810-L1CX		Opp	120					Included	Lever	362	69
	828B-U6812-L1CX		Opp	138					Included	Lever	313	60
	828B-U6813-L1CX		Opp	160					Included	Lever	271	52
	828B-U6815-L1CX		Opp	175				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	215				23M80248	20MKM804	Lever	202	38
	1 FWD. 1 REV.											

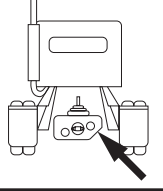



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

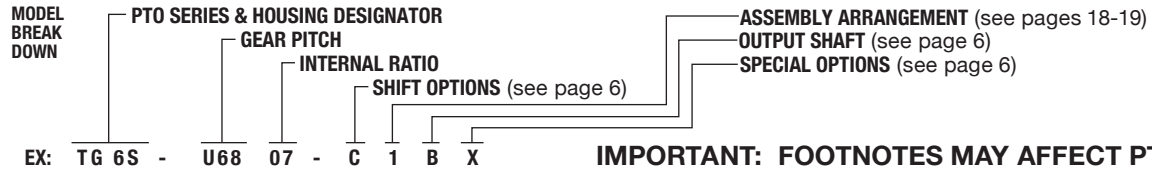
FOOTNOTES:

- Metric stud kit is included (unless otherwise noted).
- TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
- 29MK8460M adapter plate includes the 20MKM800 metric stud kit.
- RL Series with combined reduction gear box.
- Change TG, CS, SH, or RL Series to 6-bolt housing (TG6S, CS6S, SH6S, RL6D respectively). For all Series PTOs retain standard stud kit for PTO. Add 23M60200S+20MK6603 for RL Series on PTO side of adapter.
- 29MK8248M adapter plate includes the 20MKM800 metric stud kit.
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MKM802.
- TG Series Input Gear: #03T94243 – refer to kit program on pages 10 & 11.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	FR-9210B, FR-11210B, FR-12210B, FR-13210B, FR-14210B, FR(M)-15210B, FR(W)-15210B, RT-11209H, RT-12209H, RT-13209H, RT-14209H, RT-11210B, RT-12210B, RT-13210B, RT-14210B Footnote (1, 3, 8, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur LOCATION: Front PLV: 1276 FPM		PLMF: 1.085 RPM: 650		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-U6804-C1BX	2, 6	Opp	44					Included	Cable	285	54
	TG6B-U6805-C1BX	2, 6	Opp	57					Included	Cable	270	51
	TG6B-U6806-C1BX	2, 6	Opp	74					Included	Cable	245	47
	TG6B-U6807-C1BX	2, 6	Opp	88					Included	Cable	230	44
	TG6B-U6808-C1BX	2, 6	Opp	107					Included	Cable	230	44
	TG6B-U6809-C1BX	2, 6	Opp	112					Included	Cable	205	39
	TG6B-U6812-C1BH	2, 6	Opp	143					Included	Cable	210	40
	TG6B-U6813-C1BH	2, 6	Opp	162					Included	Cable	207	39
	TG6B-U6815-C1BH	2, 6	Opp	183					Included	Cable	184	35
	TG6B-U6818-C1BH	2, 6	Opp	210					Included	Cable	155	29
SH SERIES	SH6B-U6005-E1BX		Opp	57					Included	Elec/Air	400	76
	SH6B-U6807-E1BX	6	Opp	84					Included	Elec/Air	383	73
	SH6B-U6809-E1BX	6	Opp	105					Included	Elec/Air	308	59
	SH6B-U6812-E1BX	6	Opp	140					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6B-U6003-E1BX		Opp	40					Included	Power	300	57
	CS6B-U6004-E1BX		Opp	53					Included	Power	300	57
	CS6B-U6005-E1BX		Opp	57					Included	Power	300	57
	CS6B-U6806-E1BX		Opp	68					Included	Power	300	57
	CS6B-U6807-E1BX	6	Opp	84					Included	Power	300	57
	CS6B-U6809-E1BX	6	Opp	105					Included	Power	275	52
	CS6B-U6812-E1BX	6	Opp	140					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 7 7	Opp Opp	32 66		32 66		23M60200S 23M60200S	20MKM603 20MKM603	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1M					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

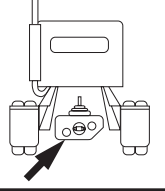

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



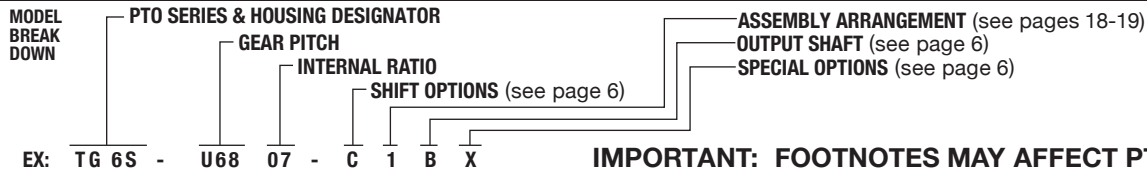
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Metric stud kit included (unless otherwise noted).
 - 2 TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
 - 3 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 4 RL Series with combined reduction gear box.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1M & 40TU6830-1M are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended. The PTO needs to be ordered with the standard “S” housing designator for the correct stud kit to mount to the adapter.
 - 6 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MKM603 (20TK4360 for SH or CS).
 - 7 Do not use for continuous duty applications.
 - 8 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - 9 FR Series transmissions are available with built-in oil cooler requires 40TU6800+23M62000+20MKM114 to mount PTO. Please note the rotation change when using this adapter. There is possible interference with a spring hanger in addition to the integral oil cooler. If this is present on your application then this adapter will not allow the PTO to clear the spring hanger. Satisfactory installation has been made with the CS6 or SH6 PTO **without an adapter** and only using the “B” output shaft option with a driveshaft. The bolts holding the spring need to be removed and installed with the nuts to the outside for PTO clearance.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	FR-9210B, FR-11210B, FR-12210B, FR-13210B, FR-14210B, FR(M)-15210B, FR(W)-15210B, RT-11209H, RT-12209H, RT-13209H, RT-14209H, RT-11210B, RT-12210B, RT-13210B, RT-14210B Footnote (1, 9)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur				
								LOCATION: Front			PLMF: .810	
								PLV: 1333 FPM			RPM: 650	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8B-U6804-C1BX	2, 7	Opp	46					Included	Cable	285	54
	TG8B-U6805-C1BX	2, 7	Opp	60					Included	Cable	270	51
	TG8B-U6806-C1BX	2, 7	Opp	78					Included	Cable	245	47
	TG8B-U6807-C1BX	2, 7	Opp	92					Included	Cable	230	44
	TG8B-U6808-C1BX	2, 7	Opp	112					Included	Cable	230	44
	TG8B-U6809-C1BX	2, 7	Opp	117					Included	Cable	205	39
	TG8B-U6812-C1BH	2, 7	Opp	144					Included	Cable	210	40
	TG8B-U6813-C1BH	2, 7	Opp	164					Included	Cable	199	38
	TG8B-U6815-C1BH	2, 7	Opp	191					Included	Cable	176	34
TG8B-U6818-C1BH	2, 7	Opp	219					Included	Cable	148	28	
SH SERIES	SH8B-U6005-E1BX		Opp	60					Included	Elec/Air	400	76
	SH8B-U6807-E1BX	7	Opp	88					Included	Elec/Air	366	70
	SH8B-U6809-E1BX	7	Opp	110					Included	Elec/Air	295	56
	SH8B-U6812-E1BX	7	Opp	146					Included	Elec/Air	221	42
	SH8B-U6813-E1BX	7	Opp	169					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8B-U6003-E1BX		Opp	42					Included	Power	300	57
	CS8B-U6004-E1BX		Opp	55					Included	Power	300	57
	CS8B-U6005-E1BX		Opp	60					Included	Power	300	57
	CS8B-U6806-E1BX		Opp	71					Included	Power	300	57
	CS8B-U6807-E1BX	7	Opp	88					Included	Power	300	57
	CS8B-U6809-E1BX	7	Opp	110					Included	Power	275	52
	CS8B-U6812-E1BX	7	Opp	146					Included	Power	221	42
	CS8B-U6814-E1BX		Opp	182					Included	Power	178	34
1 FWD. 1 REV.	RL8B-U6803-L3BX	4, 8	Opp	34				23M80032	Included	Lever	200	38
	RL8B-U6805-L3BX	8	Opp	69			34 69	23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500 + 23M80062 + 20MKM804					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828B-U6805-L1CX		Opp	42					Included	Lever	500	95
	828B-U6808-L1CX		Opp	67					Included	Lever	450	85
	828B-U6809-L1CX		Opp	83					Included	Lever	388	74
	828B-U6810-L1CX		Opp	90					Included	Lever	362	69
	828B-U6812-L1CX		Opp	103					Included	Lever	313	60
	828B-U6813-L1CX		Opp	120					Included	Lever	271	52
	828B-U6815-L1CX		Opp	130				(2) 23M80062 23M80248	Included	Lever	248	47
	828S-U6819-L1CX		Opp	160				20MKM804	Included	Lever	202	38
1 FWD. 1 REV.												

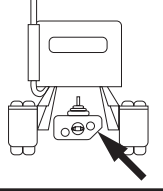



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

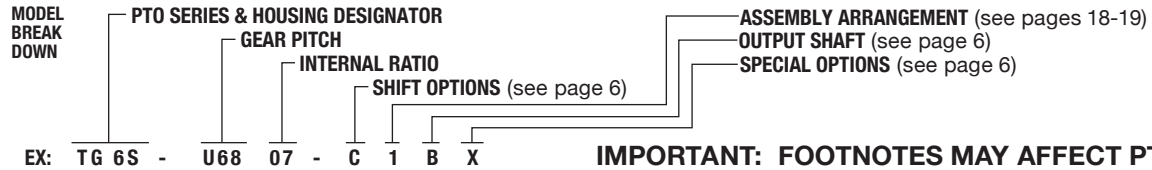
FOOTNOTES:

- 1 Metric stud kit included (unless otherwise noted).
- 2 TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
- 3 29MK8460M adapter plate includes the 20MKM800 metric stud kit.
- 4 RL Series with combined reduction gear box.
- 5 Change TG, CS, SH, or RL Series to 6-bolt housing (TG6S, CS6S, SH6S, RL6D respectively). For all Series PTOs retain standard stud kit for PTO. Add 23M60200S+20MK6603 for RL Series on PTO side of adapter.
- 6 29MK8248M adapter plate includes the 20MKM800 metric stud kit.
- 7 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MKM802.
- 8 Do not use for continuous duty applications.
- 9 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RTLO-9118A-MT, RTLO-11610B-T2, RTL-11710B, RTL-11710B-T2, RTLO-12610B-T2, RTL-12710B, RTL-12710B-T2, RTLO-13610B-T2, RTL-13710B, RTL-13710B-T2, RTLO-14610B-T2, RTL-14710B, RTL-14710B-T2, RTLO-15610B-T2, RTLO-16610B-T2, RTLO-17610B, RTLO-17610B-T2, RTLO-18610B-T2 Footnote (2, 3, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 700			
								PLV: 1370 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 4, 7	Opp	47					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 4, 7	Opp	62					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 4, 7	Opp	80					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 4, 7	Opp	95					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 4, 7	Opp	116					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 4, 7	Opp	121					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 4, 7	Opp	150					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 4, 7	Opp	169					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 4, 7	Opp	191					Included	Cable	184	35
TG6S-U6818-C1BH	1, 4, 7	Opp	227					Included	Cable	155	29	
SH SERIES	SH6S-U6005-E1BX		Opp	62					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	7	Opp	91					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	7	Opp	113					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	7	Opp	150					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	45					Included	Power	300	57
	CS6S-U6004-E1BX		Opp	57					Included	Power	300	57
	CS6S-U6005-E1BX		Opp	62					Included	Power	300	57
	CS6S-U6806-E1BX		Opp	73					Included	Power	300	57
	CS6S-U6807-E1BX	7	Opp	91					Included	Power	300	57
	CS6S-U6809-E1BX	7	Opp	113					Included	Power	275	52
	CS6S-U6812-E1BX	7	Opp	150					Included	Power	231	44
1 FWD. 1 REV.	RL6D-U6803-L3BX	5, 8	Opp	35				23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	8	Opp	72				23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		6	40TU6855-1M					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

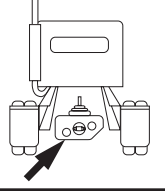

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



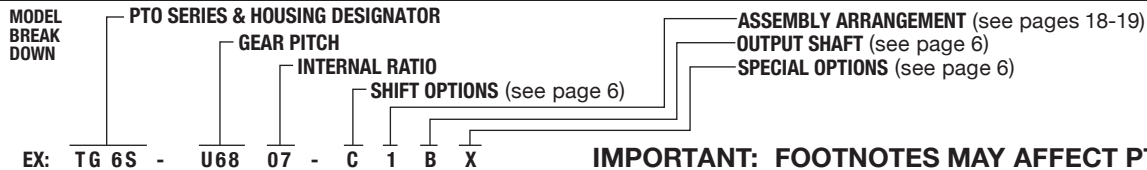
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- TG Series Input Gear #03T34284 – Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17 GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - Some chassis may interfere with indicator switch on air shift PTOs. Order TG-RPS separately.
 - RL Series with combined reduction gear box. ("03" Ratio).
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 RTLO-9118A-MT, RTLO-11610B-T2, RTL-11710B, RTL-11710B-T2, RTLO-12610B-T2, RTL-12710B, RTL-12710B-T2, RTLO-13610B-T2, RTL-13710B, RTL-13710B-T2, RTLO-14610B-T2, RTL-14710B, RTL-14710B-T2, RTLO-15610B-T2, RTLO-16610B-T2, RTLO-17610B, RTLO-17610B-T2, RTLO-18610B-T2 Footnote (2, 7)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 700			
								PLV: 1435 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 5	Opp	49					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 5	Opp	64					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 5	Opp	84					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 5	Opp	99					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 5	Opp	122					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 5	Opp	127					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 5	Opp	156					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 5	Opp	178					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 5	Opp	200					Included	Cable	176	34
TG8S-U6818-C1BH	1, 5	Opp	236					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX		Opp	64					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	95					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	5	Opp	118					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	5	Opp	157					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	5	Opp	182					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	45					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	59					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	64					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	76					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	95					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	118					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	157					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	196					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	4, 6 6	Opp Opp	37 75		37 75		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 +20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	46					Included	Lever	500	95
	828S-U6808-L1CX		Opp	73					Included	Lever	450	85
	828S-U6809-L1CX		Opp	89					Included	Lever	388	74
	828S-U6810-L1CX		Opp	97					Included	Lever	362	69
	828S-U6812-L1CX		Opp	111					Included	Lever	313	60
	828S-U6813-L1CX		Opp	129					Included	Lever	271	52
	828S-U6815-L1CX		Opp	141				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	173				23M80248 20MK8817	Included	Lever	202	38
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

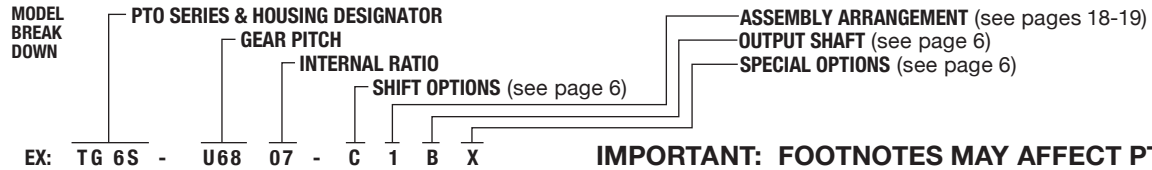
FOOTNOTES:

- TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
- Vehicles with set-back front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the “1” arrangement PTO.
- When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- RL Series with combined reduction gear box. (“03” Ratio).
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RTAO-10710B-AC, RTAO-12710B-AC, RTAO-14710B-AC, RTAO-16710B-AC, RTAO-10710B-AS, RTAO-12710B-AS, RTAO-14710B-AS, RTAO-16710B-AS Footnote (2, 3, 8)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1854 FPM					PLMF: 1.085 RPM: 944
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 6, 9	Opp	64					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 6, 9	Opp	83					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 6, 9	Opp	108					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 6, 9	Opp	128					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 6, 9	Opp	156					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 6, 9	Opp	163					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 6, 9	Opp	200					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 6, 9	Opp	228					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 6, 9	Opp	257					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 6, 9	Opp	304					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX		Opp	83					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	6	Opp	123					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	6	Opp	153					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	6	Opp	203					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	58					Included	Power	300	57
	CS6S-U6004-E1BX		Opp	76					Included	Power	300	57
	CS6S-U6005-E1BX		Opp	83					Included	Power	300	57
	CS6S-U6806-E1BX		Opp	98					Included	Power	300	57
	CS6S-U6807-E1BX	6	Opp	123					Included	Power	300	57
	CS6S-U6809-E1BX	6	Opp	153					Included	Power	275	52
	CS6S-U6812-E1BX	6	Opp	203					Included	Power	231	44
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 7 7	Opp Opp	47 96		47 96		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

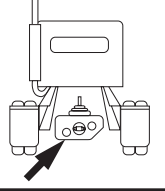

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- TG Series Input Gear #03T34284 – refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - RL Series with combined reduction gear box. ("03"Ratio).
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - Some chassis may interfere with indicator switch on air shift PTOs. Order TG-RPS separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RTAO-10710B-AC, RTAO-12710B-AC, RTAO-14710B-AC, RTAO-16710B-AC, RTAO-10710B-AS, RTAO-12710B-AS, RTAO-14710B-AS, RTAO-16710B-AS Footnote (2, 7)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 944			
								PLV: 1936 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 5	Opp	67					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 5	Opp	87					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 5	Opp	113					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 5	Opp	134					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 5	Opp	164					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 5	Opp	171					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 5	Opp	210					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 5	Opp	239					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 5	Opp	269					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 5	Opp	318					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX		Opp	83					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	123					Included	Elec/Air	366	70
	SH6S-U6809-E1BX	5	Opp	153					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	5	Opp	212					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	5	Opp	246					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	61					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	80					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	87					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	103					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	128					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	160					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	212					Included	Power	221	42
	CS8S-U6814-E1BX	5	Opp	265					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	4, 6 6	Opp Opp	49 101		49 101		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	62					Included	Lever	500	95
	828S-U6808-L1CX		Opp	98					Included	Lever	450	85
	828S-U6809-L1CX		Opp	121					Included	Lever	388	74
	828S-U6810-L1CX		Opp	130					Included	Lever	362	69
	828S-U6812-L1CX		Opp	150					Included	Lever	313	60
	828S-U6813-L1CX		Opp	174					Included	Lever	271	52
	828S-U6815-L1CX		Opp	190				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	234				23M80248	20MK8817	Lever	202	38
	1 FWD. 1 REV.											

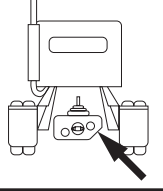



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

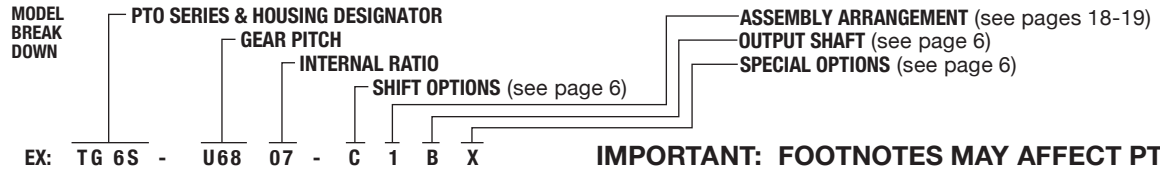
FOOTNOTES:

- 1 TG Series Input Gear #03T34284 – refer to kit program on pages 10 & 11.
- 2 Vehicles with setback front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the “1” arrangement PTO.
- 3 When using the 40TU6886-1 adapter to change rotation - change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (G6S, CS6S, SH6S, and RL6D respectively.) Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 RL Series with combined reduction gear box. (“03”Ratio).
- 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)						
	RTAO-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTAO-10710C-AS, 12710C-AS, 14710C-AS, 16710C-AS, RTLC-16609E, RTLC-16613E, RTOC-16909A, RTOC-16913A, RTLO-13118-AMT (12), RTLO-14713AT2, 14718B-T2, RTLO-14918A-AS2, RTLO-14918B(T2)(AS), RTLO-16713A-T2, RTLO-16718B-T2, RTLO-16918A-AS2, RTLO-16918B(T2)(AS), RTLO-18718B-T2, 18913A-T2, RTLO-18918A-AS2, RTLO-18918B(T2)(AS), RTLO-20718B-T2, RTLO-20913A, RTLO-20918A-AS2, RTLO-20918B(T2)(AS), RTLO-22918B-AS, RTLO-13118-AMT (12) (This application also applies to models AS2 or AS3 suffix) Footnote (3, 4, 6, 13)							SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:	
								45T 6P 20° PA Spur LOCATION: Front PLV: 1550 FPM					PLMF: 1.085 RPM: 790	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO			
				HI	LO	REV					TORQUE	HP		
SINGLE GEAR														
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 8, 11	Opp	53					Included	Cable	285	54		
	TG6S-U6805-C1BX	1, 8, 11	Opp	70					Included	Cable	270	51		
	TG6S-U6806-C1BX	1, 8, 11	Opp	91					Included	Cable	245	47		
	TG6S-U6807-C1BX	1, 8, 11	Opp	107					Included	Cable	230	44		
	TG6S-U6808-C1BX	1, 8, 11	Opp	131					Included	Cable	230	44		
	TG6S-U6809-C1BX	1, 8, 11	Opp	137					Included	Cable	205	39		
	TG6S-U6812-C1BH	1, 8, 11	Opp	168					Included	Cable	207	39		
	TG6D-S6813-C1BH	2, 8, 11	Opp	177				23M60200S	20MK6603	Cable	184	35		
	TG6D-S6815-C1BH	2, 8, 11	Opp	198				23M60200S	20MK6603	Cable	155	29		
SH SERIES	SH6S-U6005-E1BX		Opp	70					Included	Elec/Air	400	76		
	SH6S-U6807-E1BX	8	Opp	103					Included	Elec/Air	383	73		
	SH6S-U6809-E1BX	8	Opp	128					Included	Elec/Air	308	59		
	SH6D-S6812-E1BX		Opp	156				23M60200S	20TK4433	Elec/Air	231	44		
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	49					Included	Power	300	57		
	CS6S-U6004-E1BX		Opp	64					Included	Power	300	57		
	CS6S-U6005-E1BX		Opp	70					Included	Power	300	57		
	CS6S-U6806-E1BX		Opp	82					Included	Power	300	57		
	CS6S-U6807-E1BX	8	Opp	103					Included	Power	300	57		
	CS6S-U6809-E1BX	8	Opp	128					Included	Power	275	52		
	CS6D-S6812-E1BX		Opp	156				23M60200S	20TK4433	Power	231	44		
1 FWD. 1 REV.	RL6D-U6803-L3BX	5, 9	Opp	40		40		23M60200S	20MK6602	Lever	200	38		
	RL6D-U6805-L3BX	9	Opp	81		81		23M60200S	20MK6602	Lever	200	38		
ADAPTER TO CHANGE ROTATION		7	40TU6855-1M					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

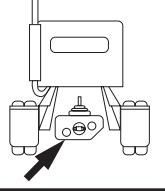

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



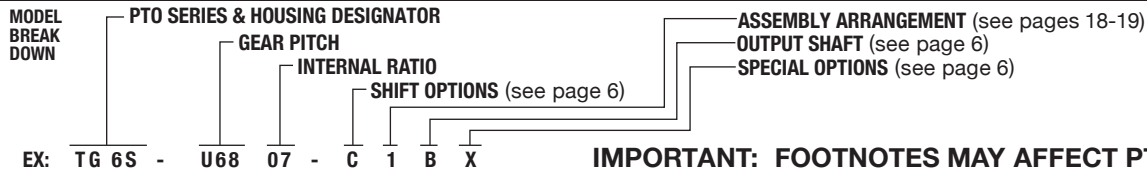
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 – refer to kit program on pages 10 & 11.
 - 2 TG Series Input Gear: #03T94243.
 - 3 Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U**C1SX for pumps up to the PKS15-2BPBB. The 17 GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 RL Series with combined reduction gear box. (“03”Ratio).
 - 6 18 ratio TG Series interferes with adjacent transmission gear.
 - 7 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 8 U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 9 Do not use for continuous duty applications.
 - 10 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - 11 Some chassis may interfere with indicator switch on air shift PTOs. Order TG-RPS separately.
 - 12 The (AMT) is a combination CEEMAT automatic & 18 speed transmission. Refer to the Footnotes #1, 5 & 8 on FULL 36 for additional information when specifying PTOs on the right side opening.
 - 13 AS2 or AS3 Auto Shift transmissions need to be connected to PTO through the TCM per Eaton instructions.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RTAO-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTAO-10710C-AS, 12710C-AS, 14710C-AS, 16710C-AS, RTLC-16609E, RTLC-16613E, RTOC-16909A, RTOC-16913A, RTLO-14713A-T2, 14718B-T2, RTLO-14918A-AS2, RTLO-14918B(T2)(AS), RTLO16713A-T2, RTLO16718B-T2, RTLO-16918A-AS2, RTLO-16918B(T2)(AS), RTLO-18718B-T2, 18913A-T2, RTLO-18918A-AS2, RTLO-18918B(T2)(AS), RTLO-20718B-T2, RTLO-20913A, RTLO-20918A-AS2, RTLO-20918B(T2)(AS), RTLO-22918B-AS (This application also applies to models AS2 or AS3 suffix) Footnote (3, 6, 9, 11)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 790			
								PLV: 1620 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 7	Opp	56					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 7	Opp	73					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 7	Opp	95					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 7	Opp	112					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 7	Opp	137					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 7	Opp	143					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 7	Opp	176					Included	Cable	210	40
	TG8D-S6813-C1BH	2	Opp	184				23M80190	20MK8808	Cable	199	38
TG8D-S6815-C1BH	2	Opp	207				23M80190	20MK8808	Cable	176	34	
SH SERIES	SH8S-U6005-E1BX		Opp	73					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	7	Opp	107					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	7	Opp	134					Included	Elec/Air	295	56
	SH8D-S6812-E1BX		Opp	163				23M80190	20MK8808	Elec/Air	221	42
	SH8D-S6813-E1BX		Opp	190				23M80190	20MK8808	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	51					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	67					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	73					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	86					Included	Power	300	57
	CS8S-U6807-E1BX	7	Opp	107					Included	Power	300	57
	CS8S-U6809-E1BX	7	Opp	134					Included	Power	275	52
	CS8D-S6812-E1BX		Opp	163				23M80190	20MK8808	Power	221	42
	CS8D-S6813-E1BX		Opp	190				23M80190	20MK8808	Power	200	38
1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	5, 8 8	Opp Opp	41 84		41 84		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX	12	Opp	52					Included	Lever	500	95
	828S-U6808-L1CX	12	Opp	82					Included	Lever	450	85
	828S-U6809-L1CX	12	Opp	101					Included	Lever	388	74
	828S-U6810-L1CX	12	Opp	109					Included	Lever	362	69
	828S-U6812-L1CX	12	Opp	125					Included	Lever	313	60
	828S-U6813-L1CX	12	Opp	146					Included	Lever	271	52
	828S-U6815-L1CX	12	Opp	159				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX	12	Opp	195				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- TG Series Input Gear: #03T34284 –refer to kit program on pages 10 &11.
- TG Series Input Gear: #03T94243.
- Vehicles with set-back front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Also, clearance of air tanks is improved on International chassis.
- When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- RL Series with combined reduction gear box. (“03” Ratio).
- 18 Ratio TG and CS 14 ratio interfere with adjacent gear.
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- The (AMT) is a combination CEEMAT automatic & 18 speed transmission. Refer to the Footnotes #1, 4, 6, 8, 10 & 11 on Appl. 36 bottom opening when specifying PTOs.
- AS2 or AS3 Auto Shift transmissions need to be connected to PTO through the TCM per Eaton instructions.
- Transmissions with clutch assist cylinders interfere with “3” arrangement PTO.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)	
FSM-5005E, FSM-5305E		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 33T 7.0P 25° PA 30.78° R.H. LOCATION: Front PLMF: 1.031 PLV: 661 FPM RPM: 460	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C1BX	1	Opp	46				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C1BX	1	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C1BX	1	Opp	58				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C1BH	1	Opp	71				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C1BH	1	Opp	81				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C1BH	1	Opp	92				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C1BH	1	Opp	109				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

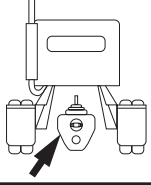

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



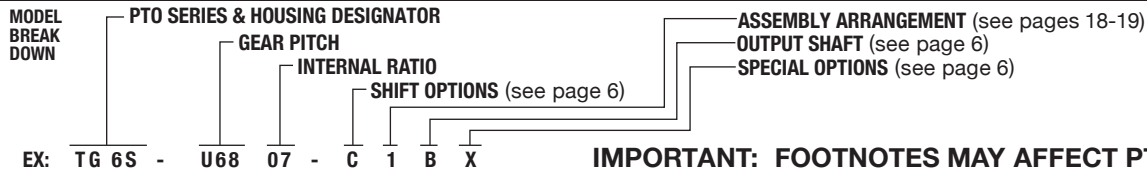
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
 1 TG Series Input Gear: #03T34453 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FSM-5005E, FSM-5305E						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.031
						33T 7.0P 25° PA 30.78° R.H.		RPM: 460				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C3BX	1, 2	Opp	46				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C3BX	1, 2	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C3BX	1, 2	Opp	58				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C3BH	1, 2	Opp	71				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C3BH	1, 2	Opp	81				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C3BH	1, 2	Opp	92				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C3BH	1, 2	Opp	109				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

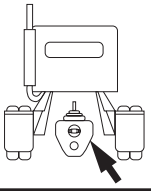



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

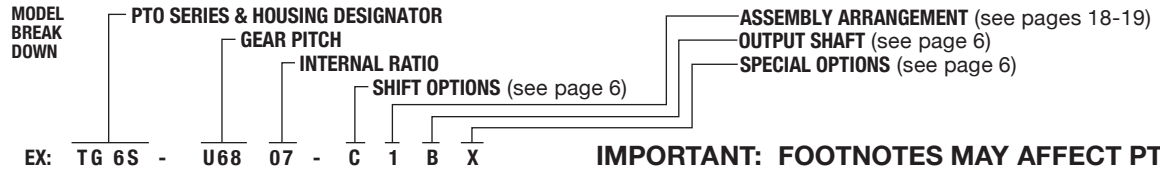
FOOTNOTES:

- 1 TG Series Input Gear: #03T34453 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
		FSM-5005G, FSM-5305G						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				LOCATION: Front PLMF: 0.734 PLV: 774 FPM RPM: 486
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-T6106-C1BX	1	Opp	45				23M60350	20MK6605	Cable	245	47
	TG6S-T6107-C1BX	1	Opp	53				23M60350	20MK6605	Cable	230	44
	TG6S-T6108-C1BX	1	Opp	65				23M60350	20MK6605	Cable	230	44
	TG6S-T6109-C1BX	1	Opp	68				23M60350	20MK6605	Cable	205	39
	TG6S-T6112-C1BH	1	Opp	84				23M60350	20MK6605	Cable	210	40
	TG6S-T6113-C1BH	1	Opp	95				23M60350	20MK6605	Cable	210	40
	TG6S-T6115-C1BH	1	Opp	107				23M60350	20MK6605	Cable	195	37
	TG6S-T6118-C1BH	1	Opp	127				23M60350	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

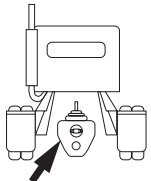



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T36552 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 FSM-5005G, FSM-5305G						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 32T 6.10P 25° PA 30.4° R.H. LOCATION: Front PLMF: 0.734 PLV: 774 FPM RPM: 486		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-T6106-C3BX	1, 2	Opp	45				23M60350	20MK6605	Cable	245	47
	TG6S-T6107-C3BX	1, 2	Opp	53				23M60350	20MK6605	Cable	230	44
	TG6S-T6108-C3BX	1, 2	Opp	65				23M60350	20MK6605	Cable	230	44
	TG6S-T6109-C3BX	1, 2	Opp	68				23M60350	20MK6605	Cable	205	39
	TG6S-T6112-C3BH	1, 2	Opp	84				23M60350	20MK6605	Cable	210	40
	TG6S-T6113-C3BH	1, 2	Opp	95				23M60350	20MK6605	Cable	210	40
	TG6S-T6115-C3BH	1, 2	Opp	107				23M60350	20MK6605	Cable	195	37
	TG6S-T6118-C3BH	1, 2	Opp	127				23M60350	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


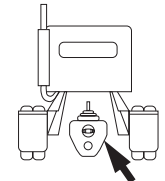


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T36552 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

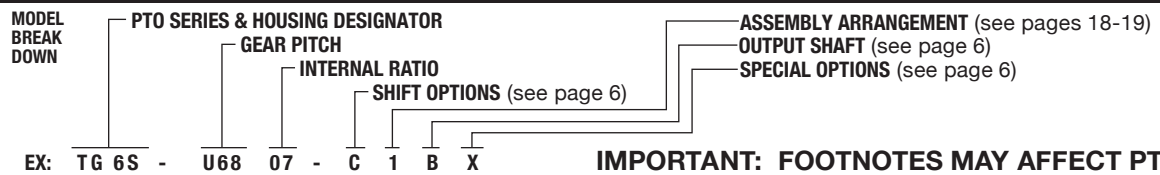
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)	
FSM-5005H, FSM-5305H		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 33T 7.00P 25° PA 30.78° R.H. LOCATION: Front PLMF: 1.031 PLV: 780 FPM RPM: 543	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7004-C1BX	1	Opp	27				23M60093S	20MK6602	Cable	285	54
	TG6S-C7005-C1BX	1	Opp	35				23M60093S	20MK6602	Cable	270	51
	TG6S-C7006-C1BX	1	Opp	46				23M60093S	20MK6602	Cable	245	47
	TG6S-C7007-C1BX	1	Opp	54				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C1BX	1	Opp	66				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C1BX	1	Opp	69				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C1BH	1	Opp	84				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C1BH	1	Opp	96				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C1BH	1	Opp	108				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C1BH	1	Opp	128				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

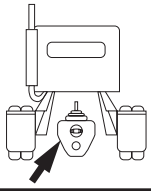



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T34453 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FSM-5005H, FSM-5305H						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.031
						33T 7.00P 25° PA 30.78° R.H.		RPM: 543		PLV: 780 FPM		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7004-C3BX	1, 2	Opp	27				23M60093S	20MK6602	Cable	285	54
	TG6S-C7005-C3BX	1, 2	Opp	35				23M60093S	20MK6602	Cable	270	51
	TG6S-C7006-C3BX	1, 2	Opp	46				23M60093S	20MK6602	Cable	245	47
	TG6S-C7007-C3BX	1, 2	Opp	54				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C3BX	1, 2	Opp	66				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C3BX	1, 2	Opp	69				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C3BH	1, 2	Opp	84				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C3BH	1, 2	Opp	96				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C3BH	1, 2	Opp	108				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C3BH			Opp	128				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

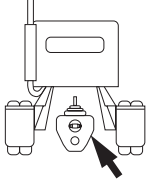



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

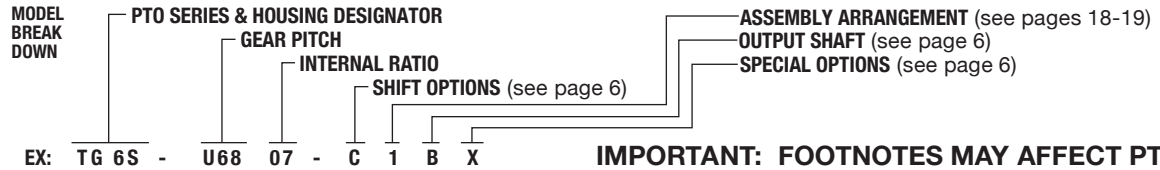
FOOTNOTES:

- 1 TG Series Input Gear: #03T34453 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
		FSM-5005J						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								32T 7.0P 25° PA 30.8° R.H. LOCATION: Front PLMF: 1.119 PLV: 757 FPM RPM: 543				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C1BX	1	Opp	52				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C1BX	1	Opp	64				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C1BX	1	Opp	67				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C1BH	1	Opp	82				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C1BH	1	Opp	93				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C1BH	1	Opp	105				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C1BH	1	Opp	125				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

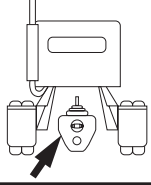



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

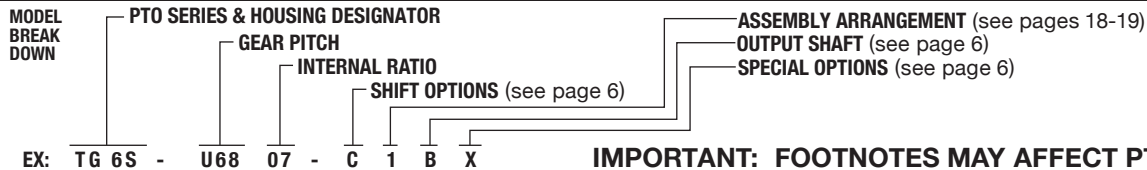
FOOTNOTES:

1 TG Series Input Gear: #03T34453 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FSM-5005J						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.119
								32T 7.0P 25° PA 30.8° R.H. LOCATION: Front PLMF: 1.119 PLV: 757 FPM RPM: 543				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C3BX	1, 2	Opp	52				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C3BX	1, 2	Opp	64				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C3BX	1, 2	Opp	67				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C3BH	1, 2	Opp	82				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C3BH	1, 2	Opp	93				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C3BH	1, 2	Opp	105				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C3BH	1, 2	Opp	125				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


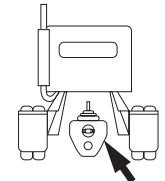


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34453 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

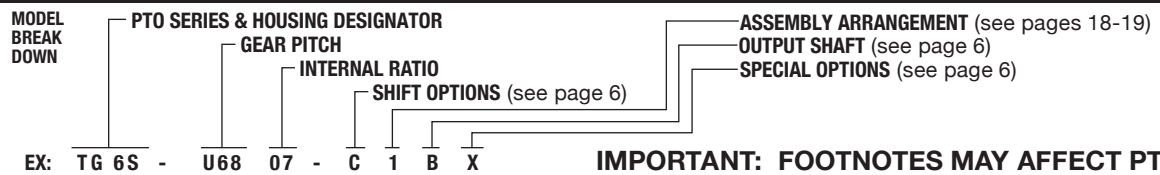
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)	
FSB-5305D		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 31T 6.7P 25° PA 30.14° R.H. LOCATION: Front PLMF: 1.105 PLV: 644 FPM RPM: 460	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTOS - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

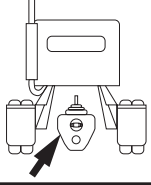

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



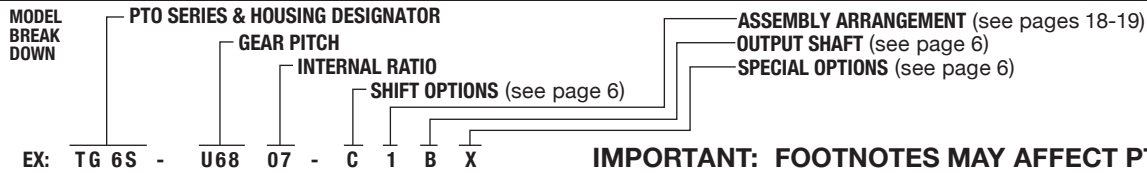
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FSB-5305D						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.085
								19T 6.1P 25° PA 18.68° L.H.		RPM: 435		
								LOCATION: Rear		RPM: 435		
								PLV: 374 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C6012-C4BH	1, 3	Crnk	41					Included	Cable	210	40
	TG6S-C6013-C4BH	1, 2, 3	Crnk	46					Included	Cable	210	40
	TG6S-C6015-C4BH	1, 2, 3	Crnk	52					Included	Cable	195	37
	TG6S-C6018-C4BH	1, 2, 3	Crnk	62					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

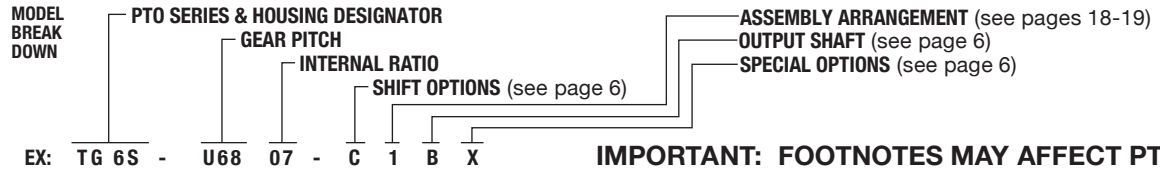
FOOTNOTES:

- 1 TG Series Input Gear: #03T34452 — Refer to kit program on pages 10 & 11.
- 2 13, 15, 18 Ratio TG Series interferes with internal casting within this opening. Use R.S. opening if possible.
- 3 Direct mount pump is limited to PK Series, single pump, due to transmission case interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
	FO-6406A-ASW, FO-6406A-ASX, FO-8406A-ASW, FO-8406A-ASX, FSBO-6406B, FSBO-8406B, FSO-6406A, FSO-8406A, FO-8406A-AW3, FO-8406A-AW3, FO-5406B-DM3, FO-6406B-DM3, FO-8406B-DM3, EH8-E306A-CD, EH8-E306A-U, EH8-E306A-UP, F5405B-DM3, F5505B-DM3, FO5506B-DM3, F6405B-DM3, F6505B-DM3, FO6506B-DM3 Footnote (2, 3, 4, 5)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 7.0P 23° PA 26° R.H.	LOCATION: Front	PLMF: .502		
								PLV: 1338 FPM	RPM: 670			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F7005-C1BX	1	Opp	58				23M60550+23M60032S	20MK6607	Cable	270	51
	TG6S-F7006-C1BX	1	Opp	75				23M60550+23M60032S	20MK6607	Cable	245	47
	TG6S-F7007-C1BX	1	Opp	89				23M60550+23M60032S	20MK6607	Cable	230	44
	TG6S-F7008-C1BX	1	Opp	109				23M60550+23M60032S	20MK6607	Cable	230	44
	TG6S-F7009-C1BX	1	Opp	114				23M60550+23M60032S	20MK6607	Cable	205	39
	TG6S-F7012-C1BH	1	Opp	140				23M60550+23M60032S	20MK6607	Cable	210	40
	TG6S-F7013-C1BH	1	Opp	165				23M60550+23M60032S	20MK6607	Cable	210	40
SH SERIES	SH6S-F7005-E1BX	2	Opp	59				23M60550+23M60032S	20TK4435	Elec/Air	400	76
	SH6S-F7007-E1BX	2	Opp	86				23M60550+23M60032S	20TK4435	Elec/Air	390	74
	SH6S-F7009-E1BX	2	Opp	108				23M60550+23M60032S	20TK4435	Elec/Air	315	60
CLUTCH SHIFT	CS6S-F7005-E1BX	2	Opp	59				23M60550+23M60032S	20TK4435	Power	300	57
	CS6S-F7007-E1BX	2	Opp	86				23M60550+23M60032S	20TK4435	Power	275	52
	CS6S-F7009-E1BX	2	Opp	108				23M60550+23M60032S	20TK4435	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		6	40TF7068 Change PTO to U68				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

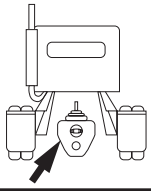



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T37657 — Refer to kit program on pages 10 & 11.
- 2 Ultra Shift (ASW & AW3) only. SH series or CS series requires shaft high (3 arrangement) to clear oil sump at front of transmission.
- 3 Ultra Shift AW3 and DM3 requires PTO connection to TCM per Eaton requirements. DM3 models require engine speed above 1,200 RPM for PTO operation.
- 4 Hybrid transmission (EH8-E306A) must interface with PTO and TCM. Only 1 side opening is usable. Speed sensor located here can be moved to the other side.
- 5 Standard model FSO6406A & FSO846A will not have rear opening in 2009 & later models. The opening is available on automated and hybrid models until 2016.
- 6 Adapter includes 23M62000 & 23M60140S spacers and 20TK4866 mounting kit for adapter. The PTO should be specified with "S" mounting as the PTO spacers and stud kit shown are not used with the adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	FO-6406A-ASW, FO-6406A-ASX, FO-8406A-ASW, FO-8406A-ASX, FSBO-6406B, FSBO-8406B, FSO-6406A, FSO-8406A, FO-6406A-AW3, FO-8406A-AW3, FO-5406B-DM3, FO-6406B-DM3, FO-8406B-DM3, EH8-E306A-CD, EH8-E306A-U, EH8-E306A-UP <small>Footnote (2, 3, 4, 5)</small>							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 7.0P 23° PA 26° R.H.	PLMF: .502			
								LOCATION: Front	RPM: 670			
								PLV: 1338 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F7005-C3BX	1, 6	Opp	58				23M60550+23M60032S	20MK6607	Cable	270	51
	TG6S-F7006-C3BX	1, 6	Opp	75				23M60550+23M60032S	20MK6607	Cable	245	47
	TG6S-F7007-C3BX	1, 6	Opp	89				23M60550+23M60032S	20MK6607	Cable	230	44
	TG6S-F7008-C3BX	1, 6	Opp	109				23M60550+23M60032S	20MK6607	Cable	230	44
	TG6S-F7009-C3BX	1, 6	Opp	114				23M60550+23M60032S	20MK6607	Cable	205	39
	TG6S-F7012-C3BH	1, 6	Opp	140				23M60550+23M60032S	20MK6607	Cable	210	40
	TG6S-F7013-C3BH	1, 6	Opp	165				23M60550+23M60032S	20MK6607	Cable	210	40
SH SERIES	SH6S-F7005-E3BX		Opp	59				23M60550+23M60032S	20TK4435	Elec/Air	400	76
	SH6S-F7007-E3BX		Opp	86				23M60550+23M60032S	20TK4435	Elec/Air	390	74
	SH6S-F7009-E3BX		Opp	108				23M60550+23M60032S	20TK4435	Elec/Air	315	60
CLUTCH SHIFT	CS6S-F7005-E3BX		Opp	59				23M60550+23M60032S	20TK4435	Power	300	57
	CS6S-F7007-E3BX		Opp	86				23M60550+23M60032S	20TK4435	Power	275	52
	CS6S-F7009-E3BX		Opp	108				23M60550+23M60032S	20TK4435	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		7	40TF7068 Change PTO to U68				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

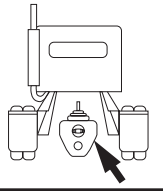



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

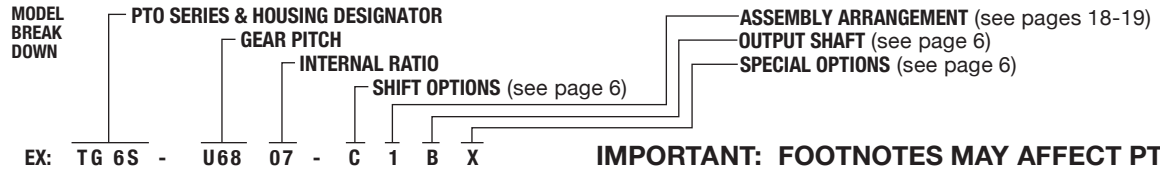
FOOTNOTES:

- TG Series Input Gear: #03T37657 — Refer to kit program on pages 10 & 11.
- Transmission brake located on this opening prohibits use. Use R.S. only. On ASW, AW3, DM3 models. Moving the brake requires additional components from Eaton.
- Direct mount pump is limited to PK Series, single pump, due to transmission case interference.
- Ultra Shift AW3 and DM3 requires PTO connection to TCM per Eaton requirements. DM3 models require engine speed above 1,200 RPM for PTO operation.
- Hybrid transmission (EH8-E306A) must interface with PTO and TCM. Only 1 opening is usable.
- Use air shift with "7" feature for clearance to indicator switch.
- Adapter includes 23M62000 & 23M60140S spacers and 20TK4866 mounting kit for adapter. The PTO should be specified with "S" mounting as the PTO spacers and stud kit shown are not used with the adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
	FRLO-14410C-T2, FRLO-15410C-T2, FRLO-16410C-T2, FRLO-18410C-T 2(LIGHTNING) Footnote (2, 7)						SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:		51T 8.38P 18PA 33.1° R.H. LOCATION: Front PLMF: 1.084 PLV: 1192 FPM RPM: 627			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6F-F8405-C1BX	1, 3	Opp	54					Included	Cable	270	51
	TG6F-F8406-C1BX	1, 3	Opp	70					Included	Cable	245	47
	TG6F-F8407-C1BX	1, 3	Opp	82					Included	Cable	230	44
	TG6F-F8408-C1BX	1, 3	Opp	101					Included	Cable	230	44
	TG6F-F8409-C1BX	1, 3	Opp	105					Included	Cable	205	39
	TG6F-F8412-C1BH	1, 3	Opp	129					Included	Cable	210	40
	TG6F-F8413-C1BH	1, 3, 6	Opp	147					Included	Cable	206	39
	TG6F-F8415-C1BH	1, 3, 6	Opp	166					Included	Cable	190	36
	TG6F-F8418-C1BH	1, 3, 6	Opp	196					Included	Cable	160	30
SH SERIES	SH6F-F8405-E1BX	4, 5	Opp	54					Included	Elec/Air	400	76
	SH6F-F8407-E1BX	4, 5, 6	Opp	80					Included	Elec/Air	390	74
	SH6F-F8409-E1BX	4, 5, 6	Opp	99					Included	Elec/Air	315	60
	SH6F-F8412-E1BX	4, 5, 6	Opp	131					Included	Elec/Air	238	45
CLUTCH SHIFT	CS6F-F8405-E1BX	5	Opp	54					Included	Power	300	57
	CS6F-F8407-E1BX	5	Opp	80					Included	Power	275	52
	CS6F-F8409-E1BX	5	Opp	99					Included	Power	275	52
	CS6F-F8412-E1BX	5	Opp	131					Included	Power	238	45
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		8	40TF8430-1 Change PTO input to F86				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

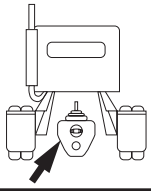

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T37740 — Refer to kit program on pages 10 & 11.
 - 2 PTO requires two alignment dowel pins and metric stud kit, included.
 - 3 Anaerobic sealant required to mount TG PTO to case. Supplied (13T38145 tube). No shim adjustment or gaskets are required.
 - 4 SH Series PTOs REQUIRE that the Vehicle Clutch be fully depressed during engagement and disengagement of PTO.
 - 5 Anaerobic sealant required to mount CS or SH Series PTO to case. Supplied (13M51717 tube). No shim adjustment or gaskets are required.
 - 6 PTO ratings are derated due to transmission gear specifications.
 - 7 Possible Interference with spring hanger on vehicles with set back front axles on Kenworth and Mack chassis.
 - 8 When using adapter 40TF8430-1, change input gear to F86 designator. TG input gear 03T39458. Check for availability of CS/SH Series input gear before specifying this option. PTO mounts to adapter with 20TK4049A metric stud kit provided with PTO. The CS and SH only available with F8607 ratio for adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	FRLO-14410C-T2, FRLO-15410C-T2, FRLO-16410C-T2, FRLO-18410C-T2 (LIGHTNING) Footnote (2, 7)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 51T 8.38P 18PA 33.1° R.H. LOCATION: Front PLMF: 1.084 PLV: 1192 FPM RPM: 627				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6F-F8405-C3BX	1, 3	Opp	54					Included	Cable	270	51
	TG6F-F8406-C3BX	1, 3	Opp	70					Included	Cable	245	47
	TG6F-F8407-C3BX	1, 3	Opp	82					Included	Cable	230	44
	TG6F-F8408-C3BX	1, 3	Opp	101					Included	Cable	230	44
	TG6F-F8409-C3BX	1, 3	Opp	105					Included	Cable	205	39
	TG6F-F8412-C3BH	1, 3	Opp	129					Included	Cable	210	40
	TG6F-F8413-C3BH	1, 3, 6	Opp	147					Included	Cable	206	39
	TG6F-F8415-C3BH	1, 3, 6	Opp	166					Included	Cable	190	36
TG6F-F8418-C3BH	1, 3, 6	Opp	196					Included	Cable	160	30	
SH SERIES	SH6F-F8405-E3BX	4, 5	Opp	54					Included	Elec/Air	400	76
	SH6F-F8407-E3BX	4, 5, 6	Opp	80					Included	Elec/Air	390	74
	SH6F-F8409-E3BX	4, 5, 6	Opp	99					Included	Elec/Air	315	60
	SH6F-F8412-E3BX	4, 5, 6	Opp	131					Included	Elec/Air	238	45
CLUTCH SHIFT	CS6F-F8405-E3BX	5	Opp	54					Included	Power	300	57
	CS6F-F8407-E3BX	5	Opp	80					Included	Power	275	52
	CS6F-F8409-E3BX	5	Opp	99					Included	Power	275	52
	CS6F-F8412-E3BX	5	Opp	131					Included	Power	238	45
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		8	40TF8430-2 Change PTO input to F86				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

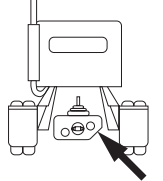

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T37740 — Refer to kit program on pages 10 & 11.
 - 2 PTO requires two alignment dowel pins and metric stud kit, included.
 - 3 Anaerobic sealant required to mount TG PTO to case. Supplied (13T38145 tube). No shim adjustment or gaskets are required.
 - 4 SH Series PTOs REQUIRE that the Vehicle Clutch be fully depressed during engagement and disengagement of PTO.
 - 5 Anaerobic sealant required to mount CS or SH Series PTO to case. Supplied (13M51717 tube). No shim adjustment or gaskets are required.
 - 6 PTO ratings are derated due to transmission gear specifications.
 - 7 Possible Interference with spring hanger on vehicles with set back front axles on Kenworth and Mack chassis.
 - 8 When using adapter 40TF8430-2, change input gear to F86 designator. TG input gear 03T39458. Check for availability of CS/SH Series input gear before specifying this option. PTO mounts to adapter with 20TK4049A metric stud kit provided with PTO.

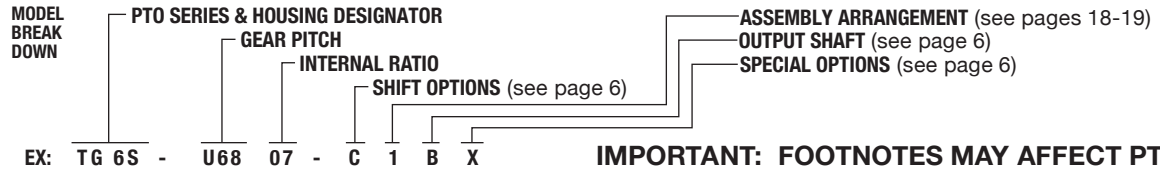
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION						RIGHT REAR ONLY (LEFT REAR TURN PAGE)		
		LIGHTNING FRLO-14410C-T2, FRLO-15410C-T2, FRLO-16410C-T2, FRLO-18410C-T2 (COUNTERSHAFT PTO)				METRIC 4-BOLT OPENING		
						PTO DRIVE GEAR DATA: LOCATION: None PLMF: RPM: 627 PLV:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	COUNTER SHAFT PTOS ARE NOT LONGER AVAILABLE FOR THIS TRANSMISSION											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

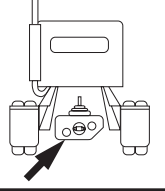

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



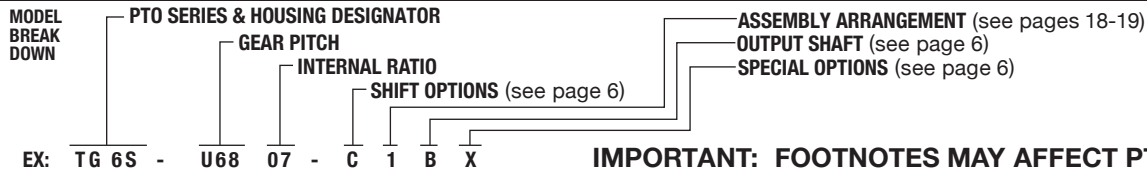
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT REAR ONLY (RIGHT REAR TURN PAGE)				
 LIGHTNING FRLO-14410C-T2, FRLO-15410C-T2, FRLO-16410C-T2, FRLO-18410C-T2 (OPENING NOT AVAILABLE WITH RETARDER) (COUNTERSHAFT PTO)								METRIC 4-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								LOCATION: None	PLMF: RPM: 627			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	COUNTER SHAFT PTOS ARE NOT LONGER AVAILABLE FOR THIS TRANSMISSION											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

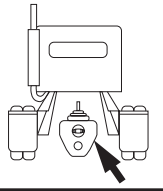

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



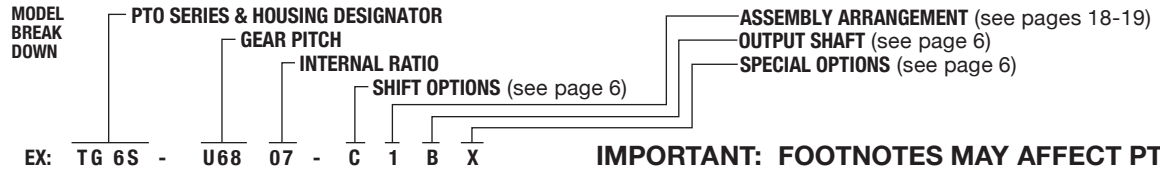
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	FS-5406N, FS-6406N, F-6406N-ASW³, F-8406N-ASW³							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 6.65P 20° PA 21.5° RH	PLMF: .987			
								LOCATION: Front	RPM: 530			
								PLV: 875 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6606-C1BX	1	Opp	53					Included	Cable	245	47
	TG6S-F6607-C1BX	1	Opp	62					Included	Cable	230	44
	TG6S-F6608-C1BX	1	Opp	76					Included	Cable	230	44
	TG6S-F6609-C1BX	1	Opp	79					Included	Cable	205	39
	TG6S-F6612-C1BH	1	Opp	97					Included	Cable	210	40
	TG6S-F6613-C1BH	1	Opp	111					Included	Cable	210	40
	TG6S-F6615-C1BH	1	Opp	125					Included	Cable	195	37
	TG6S-F6618-C1BH	1	Opp	148					Included	Cable	175	33
SH SERIES	SH6S-F6607-E1BX		Opp	60					Included	Elec/Air	400	76
	SH6S-F6609-E1BX		Opp	75					Included	Elec/Air	375	71
	SH6S-F6612-E1BX		Opp	99					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-F6607-E1BX		Opp	60					Included	Power	300	57
	CS6S-F6609-E1BX		Opp	75					Included	Power	275	52
	CS6S-F6612-E1BX		Opp	99					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Crnk	45		45	40TF6668	23M60200S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TF6668 Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

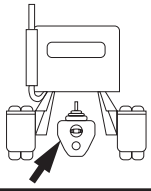



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T38140 — Refer to kit program on pages 10 & 11.
- 2 Stud kit 20MK6616, spacer 23M61500, and spacer 23M60140S included with adapter. Change PTO to U68 gear. Multiply speeds shown by 1.04.
- 3 Ultra Shift (ASW) PTO must be connected to TCM.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		FS-5406N, FS-6406N, F-6406N-ASW², F-8406N-ASW² Footnote (3)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 6.65P 20° PA 21.5° RH LOCATION: Front PLMF: .987 PLV: 875 FPM RPM: 530				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-F6604-C3BX	1	Opp	31					Included	Cable	285	54
	TG6S-F6605-C3BX	1	Opp	40					Included	Cable	270	51
	TG6S-F6606-C3BX	1	Opp	53					Included	Cable	245	47
	TG6S-F6607-C3BX	1	Opp	62					Included	Cable	230	44
	TG6S-F6608-C3BX	1	Opp	76					Included	Cable	230	44
	TG6S-F6609-C3BX	1	Opp	79					Included	Cable	205	39
	TG6S-F6612-C3BH	1	Opp	97					Included	Cable	210	40
	TG6S-F6613-C3BH	1	Opp	111					Included	Cable	210	40
	TG6S-F6615-C3BH	1	Opp	125					Included	Cable	195	37
	TG6S-F6618-C3BH	1	Opp	148					Included	Cable	175	33
SH SERIES	SH6S-F6607-E3BX		Opp	60					Included	Elec/Air	400	76
	SH6S-F6609-E3BX		Opp	75					Included	Elec/Air	375	71
	SH6S-F6612-E3BX		Opp	99					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-F6607-E3BX		Opp	60					Included	Power	300	57
	CS6S-F6609-E3BX		Opp	75					Included	Power	275	52
	CS6S-F6612-E3BX		Opp	99					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Crnk	45		45	40TF6668	23M60200S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TF6668 Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

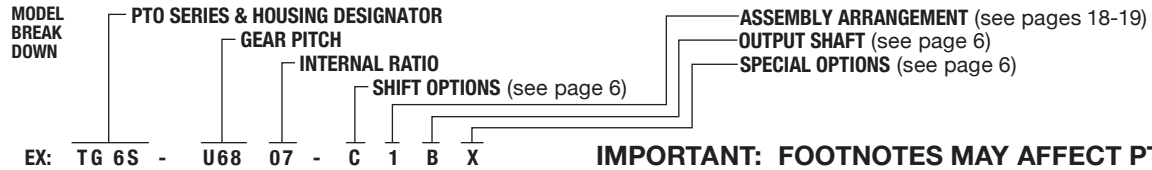
FOOTNOTES:

- 1 TG Series Input Gear: #03T38140 — Refer to kit program on pages 10 & 11.
- 2 Left Side opening not useable on ASX or ASW options only, due to use of countershaft brake located on this opening.
- 3 Direct mount pumps are limited to the maximum of a PK Series hydraulic pump. "1" arrangement, shaft high, is recommended for clearance unless adapter is used.
- 4 Stud kit 20MK6616, spacer 23M61500, and spacer 23M60140S included with adapter. Change PTO to U68 gear. Multiply speeds shown by 1.04.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	RTO-10910B-DM2, RTO-12910B-DM2, RTO-14910B-DM2, RTO-16910B-DM2, RTOM-16910B-DM3, ULTRA SHIFT AUTOMATED MANUAL Footnote (4, 7, 8)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			45T 6P 20° PA Spur			PLMF: 1.085						
			LOCATION: Front			RPM: 944						
			PLV: 1854 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 2, 5	Opp	64					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 2, 5	Opp	83					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2, 5	Opp	108					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2, 5	Opp	128					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2, 5	Opp	156					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2, 5	Opp	163					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2, 5	Opp	200					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2, 5	Opp	228					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 2, 5	Opp	257					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 2, 5	Opp	304					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX	1	Opp	83					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	1, 5	Opp	123					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	1, 5	Opp	153					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	1, 5	Opp	203					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX	1	Opp	58					Included	Power	300	57
	CS6S-U6004-E1BX	1	Opp	76					Included	Power	300	57
	CS6S-U6005-E1BX	1	Opp	83					Included	Power	300	57
	CS6S-U6806-E1BX	1, 5	Opp	98					Included	Power	300	57
	CS6S-U6807-E1BX	1, 5	Opp	123					Included	Power	300	57
	CS6S-U6809-E1BX	1, 5	Opp	153					Included	Power	275	52
	CS6S-U6812-E1BX	1, 5	Opp	203					Included	Power	231	44
1 FWD. 1 REV.	RL6D-U6803-L3BX	3, 6	Opp	47				23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	6	Opp	96				23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	See Footnote below					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

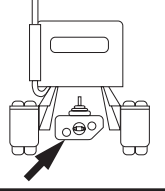

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Direct mount pumps will not clear bulge on right side unless adapter is used. There is pump clearance for direct mouting the PKS-Series pump to a TG6S-U68*-C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box. ("03" Ratio)
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements. Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for CS or SH).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - PTO must be wired through the transmission controller as described by Eaton in their application manual. Engine throttle must be advanced to 1,000 RPM for PTO Operation. PTO will not activate below this speed. Transmission is equipped with an Inertia Brake which must be installed on the 8-bolt opening if using this opening.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)					
	RTO-10910B-DM2, RTO-12910B-DM2, RTO-14910B-DM2, RTO-16910B-DM2, RTOM-16910B-DM3, ULTRA SHIFT AUTOMATED MANUAL Footnote (3, 7, 8, 9)							SAE 8-BOLT OPENING					
								PTO DRIVE GEAR DATA:					
								47T 6P 20° PA Spur	PLMF: .81				
								LOCATION: Front	RPM: 944				
								PLV: 1936 FPM					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 3, 5	Opp	67					Included	Cable	285	54	
	TG8S-U6805-C1BX	1, 3, 5	Opp	87					Included	Cable	270	51	
	TG8S-U6806-C1BX	1, 3, 5	Opp	113					Included	Cable	245	47	
	TG8S-U6807-C1BX	1, 3, 5	Opp	134					Included	Cable	230	44	
	TG8S-U6808-C1BX	1, 3, 5	Opp	164					Included	Cable	230	44	
	TG8S-U6809-C1BX	1, 3, 5	Opp	171					Included	Cable	205	39	
	TG8S-U6812-C1BH	1, 3, 5	Opp	210					Included	Cable	210	40	
	TG8S-U6813-C1BH	1, 3, 5	Opp	239					Included	Cable	199	38	
	TG8S-U6815-C1BH	1, 3, 5	Opp	269					Included	Cable	176	34	
	TG8S-U6818-C1BH	1, 3, 5	Opp	318					Included	Cable	148	28	
SH SERIES	SH8S-U6005-E1BX	3	Opp	87					Included	Elec/Air	400	76	
	SH8S-U6807-E1BX	3, 5	Opp	128					Included	Elec/Air	366	70	
	SH8S-U6809-E1BX	3, 5	Opp	160					Included	Elec/Air	295	56	
	SH8S-U6812-E1BX	3, 5	Opp	212					Included	Elec/Air	221	42	
	SH8S-U6813-E1BX	3, 5	Opp	246					Included	Elec/Air	200	38	
CLUTCH SHIFT	CS8S-U6003-E1BX	3	Opp	61					Included	Power	300	57	
	CS8S-U6004-E1BX	3	Opp	80					Included	Power	300	57	
	CS8S-U6005-E1BX	3	Opp	87					Included	Power	300	57	
	CS8S-U6806-E1BX	3	Opp	103					Included	Power	300	57	
	CS8S-U6807-E1BX	3, 5	Opp	128					Included	Power	300	57	
	CS8S-U6809-E1BX	3, 5	Opp	160					Included	Power	275	52	
	CS8S-U6812-E1BX	3, 5	Opp	212					Included	Power	221	42	
	CS8S-U6814-E1BX	3	Opp	265					Included	Power	178	34	
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 6	Opp	49		49			23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	6	Opp	101		101			23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX	3	Opp	62					Included	Lever	500	95
	828S-U6808-L1CX	3	Opp	98					Included	Lever	450	85
	828S-U6809-L1CX	3	Opp	121					Included	Lever	388	74
	828S-U6810-L1CX	3	Opp	130					Included	Lever	362	69
	828S-U6812-L1CX	3	Opp	150					Included	Lever	313	60
	828S-U6813-L1CX	3	Opp	174					Included	Lever	271	52
	828S-U6815-L1CX	3	Opp	190				23M80062+23M80062	Included	Lever	248	47
	828S-U6819-L1CX	3	Opp	234				23M80248 20MK8817	Included	Lever	202	38
1 FWD. 1 REV.												

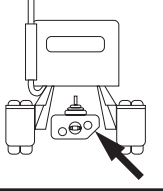



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

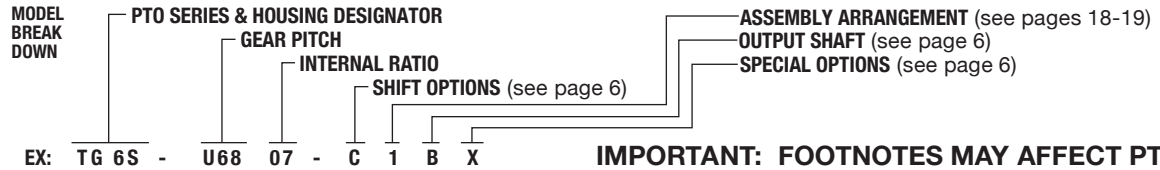
FOOTNOTES:

- 1 TG Series Input Gear #03T34284 – refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box. (03 ratio)
- 3 Vehicles with setback front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the “1” arrangement PTO.
- 4 When using the 40TU6886-1 adapter to change rotation - change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively.) Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.
- 7 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- 8 PTO must be wired through the transmission controller as described by Eaton in their application manual. Engine throttle must be advanced to 1,000 RPM for operation. PTO will not activate below this speed.
- 9 Eaton inertia brake is mounted to this opening. Use 40TF6855-1 adapter to move brake to right side opening.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 FAO(F)-**810C, FAOM-**810S-(EA3, EC3, EN3, OR EP3), FAOM(F)- 15810C, FAOM(F)-16810C, FO-**E308LL-VCS FO-**E310C-LAS, FOM-**E310C-LAS, FO-**E310C-VAS, FOM-**E310C-VAS, FO-16D313E-LEP, FOM-16D313E-LEP, RTLO-16913L-DM3, RTLOM-16913L-DM3, FO-**E309ALL-VMS, FO-**E313A-MHP, FO-**E318B-MXP, FO-**E318B-VXP Footnote (3, 4, 6,12,13, 14)								SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 8, 11	Opp	53					Included	Wire	285	54
	TG6S-U6805-C1BX	1, 8, 11	Opp	70					Included	Wire	270	51
	TG6S-U6806-C1BX	1, 8, 11	Opp	90					Included	Wire	245	47
	TG6S-U6807-C1BX	1, 8, 11	Opp	107					Included	Wire	230	44
	TG6S-U6808-C1BX	1, 8, 11	Opp	131					Included	Wire	230	44
	TG6S-U6809-C1BX	1, 8, 11	Opp	136					Included	Wire	205	39
	TG6S-U6812-C1BH	1, 8, 11	Opp	167					Included	Wire	210	40
	TG6D-S6813-C1BH	2, 8, 11	Opp	177				23M60200S	20MK6603	Wire	210	40
	TG6D-S6815-C1BH	2, 8, 11	Opp	198				23M60200S	20MK6603	Wire	195	37
SH SERIES	SH6S-U6005-E1BX		Opp	70					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	8	Opp	104					Included	Elec/Air	400	76
	SH6S-U6809-E1BX	8	Opp	129					Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	156				23M60200S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	49					Included	Power	300	57
	CS6S-U6004-E1BX		Opp	65					Included	Power	300	57
	CS6S-U6005-E1BX		Opp	70					Included	Power	300	57
	CS6S-U6806-E1BX		OPP	82					Included	Power	300	57
	CS6S-U6807-E1BX	8	Opp	104					Included	Power	300	57
	CS6S-U6809-E1BX	8	Opp	129					Included	Power	275	52
	CS6D-S6812-E1BX		Opp	156				23M60200S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L1BX	5, 9	Opp	39		39		23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L1BX	9	Opp	81		81		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		7	See Footnote				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



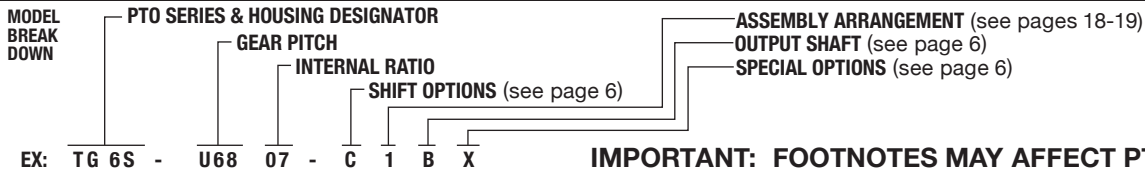
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 – refer to kit program on pages 10 & 11.
 - 2 TG Series Input Gear: #03T94243.
 - 3 Direct mount pumps will not clear bulge on right side unless adapter is used. However, there is pump clearance for direct mounting the PKS-Series pump to a TG6S-U**-C1SX for pumps up to the PKS15-02BPBB. The 17 GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 RL Series with combined reduction gear box. ("03"Ratio).
 - 6 18 ratio TG Series interferes with adjacent transmission gear.
 - 7 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - 8 U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 9 Do not use for continuous duty applications.
 - 10 PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - 11 Some chassis may interfere with indicator switch on air shift PTOs. TG-RPS-A separately.
 - 12 PTO must be wired through the transmission controller as described by Eaton in their application manual TRIG2600. DM3 type transmission must operate at engine speed above 1,000 RPM. Other models do not have this requirement.
 - 13 VMS, MHP, MXP, VXP, LAS, VAS version transmissions have an internal inertia brake and this does not obstruct this PTO opening. These models do not have the 1,000 RPM restriction.
 - 14 ** Refers to transmission torque rating code, 10, 14, 15, 16, 18, 20, 22. Does not change PTO application.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)					
	FAO(F)-**810C, FAOM-**810S-(EA3, EC3, EN3, OR EP3), FAOM(F)- 15810C, FAOM(F)-16810C, FO-**E308LL-VCS, FO-**E310C-LAS, FOM-**E310C-LAS, FO-**E310C-VAS, FOM-**E310C-VAS, FO-16D313E-LEP, FOM-16D313E-LEP, RTLO-16913L-DM3, RTLOM-16913L-DM3, FO-**E309ALL-VMS, FO-**E313A-MHP, FO-**E318B-MXP, FO-**E318B-VXP Footnote (3, 6, 9, 10, 11, 12)							SAE 8-BOLT OPENING					
	PTO DRIVE GEAR DATA:			SAE 8-BOLT OPENING									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 7	Opp	56						Included	Cable	285	54
	TG8S-U6805-C1BX	1, 7	Opp	73						Included	Cable	270	51
	TG8S-U6806-C1BX	1, 7	Opp	95						Included	Cable	245	47
	TG8S-U6807-C1BX	1, 7	Opp	112						Included	Cable	230	44
	TG8S-U6808-C1BX	1, 7	Opp	137						Included	Cable	230	44
	TG8S-U6809-C1BX	1, 7	Opp	143						Included	Cable	205	39
	TG8S-U6812-C1BH	1, 7	Opp	176						Included	Cable	210	40
	TG8D-S6813-C1BH	2	Opp	184					23M80190	20MK8808	Cable	199	38
TG8D-S6815-C1BH	2	Opp	207					23M80190	20MK8808	Cable	176	34	
SH SERIES	SH8S-U6005-E1BX		Opp	73						Included	Elec/Air	400	76
	SH8S-U6807-E1BX	7	Opp	107						Included	Elec/Air	366	70
	SH8S-U6809-E1BX	7	Opp	134						Included	Elec/Air	295	56
	SH8D-S6812-E1BX		Opp	163					23M80190	20MK8808	Elec/Air	221	42
	SH8D-S6813-E1BX		Opp	190					23M80190	20MK8808	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	52						Included	Power	300	57
	CS8S-U6004-E1BX		Opp	67						Included	Power	300	57
	CS8S-U6005-E1BX		Opp	73						Included	Power	300	57
	CS8S-U6806-E1BX		Opp	86						Included	Power	300	57
	CS8S-U6807-E1BX	7	Opp	107						Included	Power	300	57
	CS8S-U6809-E1BX	7	Opp	134						Included	Power	275	52
	CS8D-S6812-E1BX		Opp	163					23M80190	20MK8808	Power	221	42
	CS8D-S6813-E1BX		Opp	190									
1 FWD. 1 REV.	RL8S-U6803-L3BX	5, 8	Opp	41		41			23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	8	Opp	84		84			23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	52					Included	Lever	500	95
	828S-U6808-L1CX		Opp	82					Included	Lever	450	85
	828S-U6809-L1CX		Opp	101					Included	Lever	388	74
	828S-U6810-L1CX		Opp	109					Included	Lever	362	69
	828S-U6812-L1CX		Opp	125					Included	Lever	313	60
	828S-U6813-L1CX		Opp	146					Included	Lever	271	52
	828S-U6815-L1CX		Opp	159					Included	Lever	248	47
	828S-U6819-L1CX		Opp	195					23M80062+23M80062 23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												

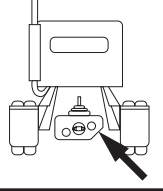



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

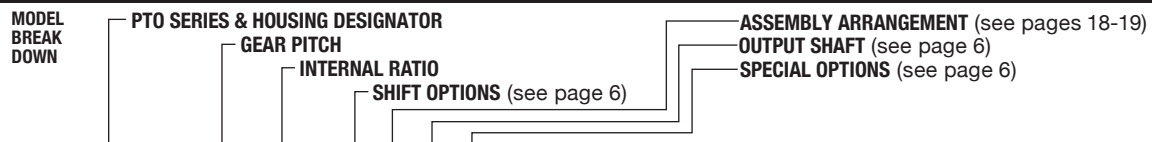
- TG Series Input Gear: #03T34284 – refer to kit program on pages 10 & 11.
- TG Series Input Gear: #03T94243 – refer to kit program on pages 10 & 11.
- Vehicles with set back front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Transmissions with clutch assist cylinder on bottom of transmission are best with the “1” arrangement PTO.
- When using the 40TU6886-1 adapter to change rotation—Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL series on PTO side of adapter.
- RL Series with combined reduction gear box.
- 18 Ratio TG interferes with adjacent gear.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- Do not use for continuous duty applications.
- PTO rating shown is maximum calculated PTO rating which will not exceed the 500 lb. ft rating set by Eaton for their transmissions with roller input bearings. Refer to Eaton bulletin TMIB-127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- On RTLO-16913L-DM3, RTLOM-16913L-DM3, FO-16D313E-LEP, and FOM-16D313E-LEP there is an inertia brake mounted to this location and PTOs inertia brake cannot be moved use right side opening. VMS, MHP, MXP, VXP, LAS, VAS version transmissions have an internal inertia brake and this does not obstruct this PTO opening.
- PTO must be wired through the TCM as described by Eaton in their PTO manual TRIG-2600. DM3 type transmissions must operate at engine speed above 1,000 RPM. Only the DM3 type transmissions must operate at engine speed above 1,000 RPM.
- ** refers to transmission torque rating code, 10, 14, 15, 16, 18, 20, 22. Does not change PTO application.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	FM-**D310B-LAS (LST) FO-**E310B-LAS (LST) FAM-14810B, FAM-15810B Footnote (2, 3, 8, 9)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 700			
								PLV: 1370 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 4, 6	Opp	47					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 4, 6	Opp	62					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 4, 6	Opp	80					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 4, 6	Opp	95					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 4, 6	Opp	116					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 4, 6	Opp	121					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 4, 6	Opp	150					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 4, 6	Opp	169					Included	Cable	207	39
	TG6S-U6815-C1BH	1, 4, 6	Opp	191					Included	Cable	184	35
	TG6S-U6818-C1BH	1, 4, 6	Opp	227					Included	Cable	155	29
SH SERIES	SH6S-U6005-E1BX		Opp	62					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	6	Opp	91					Included	Elec/Air	383	73
	SH6S-U6809-E1BX	6	Opp	113					Included	Elec/Air	308	59
	SH6S-U6812-E1BX	6	Opp	150					Included	Elec/Air	231	44
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	45					Included	Power	300	57
	CS6S-U6004-E1BX		Opp	57					Included	Power	300	57
	CS6S-U6005-E1BX		Opp	62					Included	Power	300	57
	CS6S-U6806-E1BX		Opp	73					Included	Power	300	57
	CS6S-U6807-E1BX	6	Opp	91					Included	Power	300	57
	CS6S-U6809-E1BX	6	Opp	113					Included	Power	275	52
	CS6S-U6812-E1BX	6	Opp	150					Included	Power	231	44
1 FWD. 1 REV.	RL6D-U6803-L3BX	5, 7	Opp	35		35		23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	7	Opp	72		72		23M60200S	20MK6602	Lever	200	38

ADAPTER TO CHANGE ROTATION 3 40TU6855-1 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

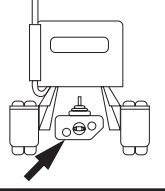

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Direct mount pumps will not clear bulge on right side unless adapter is used. There is pump clearance for direct mounting the PKS-Series pump to a TG6S-U68**C1SX for pumps up to the PKS15-02BPBB. The 17GPM requires a S68 gear (03T94243), 23M60200S and 20MK6603.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements. Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options. Chassis with clutch slave cylinder located at bottom of transmission, the 40TU6830-1 is recommended.
 - Some chassis may interfere with indicator switch on airshift PTO. Order TG-RPS-A to change to a pressure switch and remove ball switch. Sold separately.
 - RL Series with combined reduction gear box. ("03" Ratio)
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for CS or SH).
 - Do not use for continuous duty applications.
 - PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
 - PTO must be wired through the transmission controller as described by Eaton in their application manual.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 FM--**D310B-LAS (LST) FO--**E310B-LAS (LST) FAM-14810B, FAM-15810B Footnote (3, 5, 7)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								47T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 700			
								PLV: 1435 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 5	Opp	49					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 5	Opp	64					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 5	Opp	84					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 5	Opp	99					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 5	Opp	122					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 5	Opp	127					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 5	Opp	156					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 5	Opp	178					Included	Cable	199	38
	TG8S-U6815-C1BH	1, 5	Opp	200					Included	Cable	176	34
	TG8S-U6818-C1BH	1, 5	Opp	236					Included	Cable	148	28
SH SERIES	SH8S-U6005-E1BX		Opp	64					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	95					Included	Elec/Air	366	70
	SH8S-U6809-E1BX	5	Opp	118					Included	Elec/Air	295	56
	SH8S-U6812-E1BX	5	Opp	157					Included	Elec/Air	221	42
	SH8S-U6813-E1BX	5	Opp	182					Included	Elec/Air	200	38
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	45					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	59					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	64					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	76					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	95					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	118					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	157					Included	Power	221	42
	CS8S-U6814-E1BX		Opp	196					Included	Power	178	34
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	4, 6 6	Opp Opp	37 75		37 75		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	46					Included	Lever	500	95
	828S-U6808-L1CX		Opp	73					Included	Lever	450	85
	828S-U6809-L1CX		Opp	89					Included	Lever	388	74
	828S-U6810-L1CX		Opp	97					Included	Lever	362	69
	828S-U6812-L1CX		Opp	111					Included	Lever	313	60
	828S-U6813-L1CX		Opp	129					Included	Lever	271	52
	828S-U6815-L1CX		Opp	141				(2) 23M80062	Included	Lever	248	47
	828S-U6819-L1CX		Opp	173				23M80248	20MK8817	Lever	202	38
1 FWD. 1 REV.												

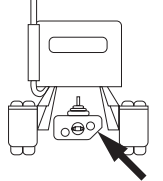



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- TG Series Input Gear #03T34284 – refer to kit program on pages 10 & 11.
- Vehicles with setback front axles and direct mount pumps may find better clearance with a “3” assembly PTO. Also, clearance of air tanks is improved on International chassis. Transmissions with clutch assist cylinder on bottom of transmission are best with the “1” arrangement PTO.
- When using the 40TU6886-1 adapter to change rotation - change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively.)
Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- RL Series with combined reduction gear box. (03 ratio).
- Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- Do not use for continuous duty applications.
- PTO torque rating shown is maximum calculated PTO rating which will not exceed the 500 lb.ft. rating set by Eaton for their transmissions with roller bearings. Refer to Eaton bulletin TMIB-0127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- PTO must be wired through the transmission controller as described by Eaton in their application manual.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

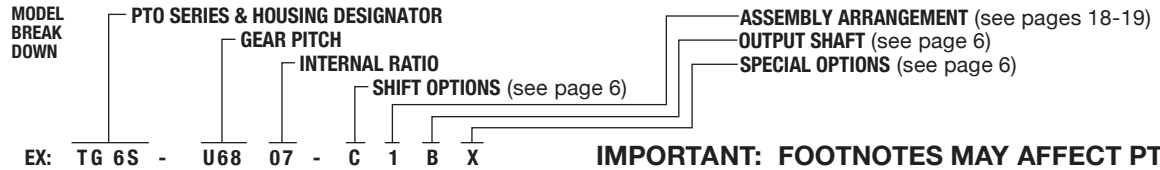
FULLER TRANSMISSION						RIGHT OPENING ONLY (BOTTOM OPENING TURN PAGE)		
 <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> <div style="border: 1px solid black; padding: 5px;"> FTS-16108LL, FTS-18109LL </div> </div>						SAE 8-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

NO PTOS AVAILABLE

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

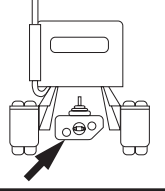

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		FTS-16108LL, FTS-18109LL						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 58T 9.72P 19° PA Spur LOCATION: Rear PLMF: 1.198 PLV: 1087 FPM RPM: 696				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTOS AVAILABLE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

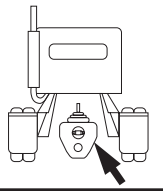

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



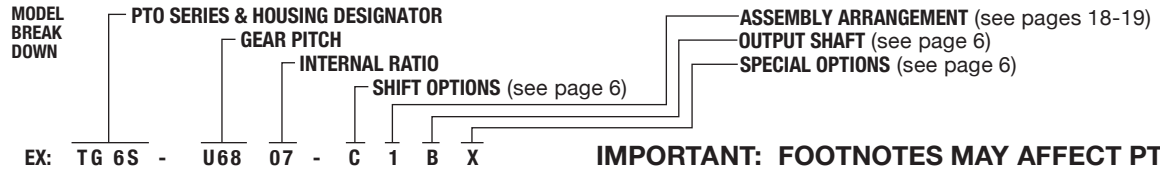
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FULLER TRANSMISSION								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)						
		EDCO-6F107-A(P) PROCISION SERIES Footnote (2, 3)						SAE 6-BOLT OPENING						
								PTO DRIVE GEAR DATA: 47T 8.97P 17° PA 30.2° RH						
6-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
					HI	LO	REV					TORQUE	HP	
SINGLE GEAR														
SINGLE SPEED MULTI GEAR		TG6B-F8906-E1BI	1, 5	Opp	77									
		TG6B-F8907-E1BI	1, 5	Opp	90					Included	Elec/Air	245	47	
		TG6B-F8908-E1BI	1, 5	Opp	111						Included	Elec/Air	230	44
		TG6B-F8909-E1BI	1, 5	Opp	116						Included	Elec/Air	230	44
		TG6B-F8912-E1BI	1, 5	Opp	142						Included	Elec/Air	205	39
		TG6B-F8913-E1BI	1, 5	Opp	167						Included	Elec/Air	210	40
		RS4S-P82E3-H1KP	6	Crnk	106					199K9820000	Elec/Hyd	210	40	
SH SERIES														
CLUTCH SHIFT														
1 FWD. 1 REV.														
ADAPTER TO CHANGE ROTATION			No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					


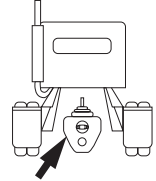
8-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
					HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR													
1 FWD. 1 REV.													



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T43207 - Refer to kit program on pages 10 & 11.
 - 2 Connection to Chassis Transmission Control is required. Dual Indicator Switch is supplied with Special Feature "I". (30M91113) (TCM must be programmed for PTO use.)
 - 3 Stationary Applications Only.
 - 4 Navistar International Truck (4300 Series) order chassis with option code 07BKU for PTO clearance.
 - 5 Use Electric/Air shift only on TG PTO.
 - 6 RS4S is a rear-mounted PTO located lower rear of transmission. Electric/Hydraulic shift shown for rear-mounted PTO

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	FULLER TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
EDCO-6F107-A(P) USE RIGHT SIDE OPENING Footnote (1)		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 23T 5.64P 20° P 12° LH LOCATION: FRONT PLMF: .963 PLV: 433 FPM RPM: 390	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	USE RIGHTSIDE OPENING FOR PTO APPLICATION											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

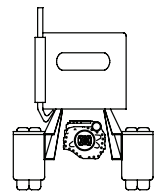



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 PTO drive gear speed too low for PTO applications.

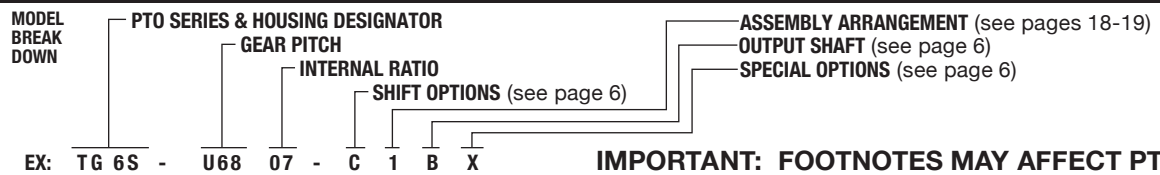
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

EATON TRANSMISSION	RIGHT REAR ONLY (BOTTOM OPENING TURN PAGE)		
	PACCAR AUTOMATED PO-14F112C, PO-15F112C, PO-16F112C, PO-17F112C, PO-18F112C		METRIC OPENING
	EATON ENDURANT SERIES EEO-14F112C, EEO-15F112C, EEO-16F112C, EEO-17F112C, EEO-18F112C		PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTOS - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

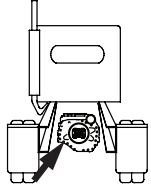

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



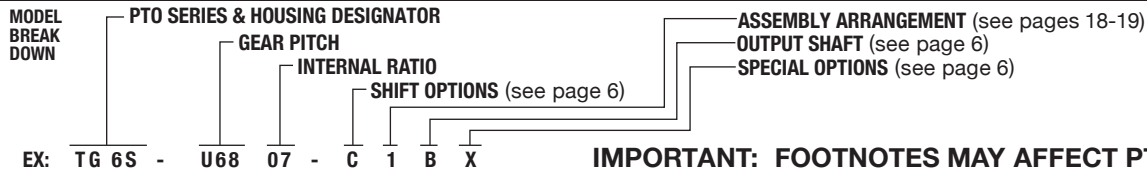
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

EATON TRANSMISSION								BOTTOM OPENING ONLY (REAR RIGHT OPENING TURN PAGE)				
 PACCAR AUTOMATED PO-14F112C, PO-15F112C, PO-16F112C, PO-17F112C, PO-18F112C EATON ENDURANT SERIES EEO-14F112C, EEO-15F112C, EEO-16F112C, EEO-17F112C, EEO-18F112C Footnote (2)								EATON 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8F-E8004-P1BX	1, 3	Opp	68					Included	Air	285	54
	TG8F-E8005-P1BX	1, 3	Opp	82					Included	Air	270	51
	TG8F-E8006-P1BX	1, 3	Opp	106					Included	Air	245	47
	TG8F-E8007-P1BX	1, 3	Opp	125					Included	Air	230	44
	TG8F-E8008-P1BX	1, 3	Opp	153					Included	Air	230	44
	TG8F-E8009-P1BX	1, 3	Opp	160					Included	Air	205	39
	TG8F-E8012-P1BH	1, 3	Opp	197					Included	Air	210	40
SH SERIES	SH8F-E8007-P1BX	3, 4	Opp	126					Included	Air	366	70
	SH8F-E8009-P1BX	3, 4	Opp	156					Included	Air	295	56
	SH8F-E8012-P1BX	3, 4	Opp	206					Included	Air	221	42
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828F-E8005-T1CX	3, 4	Opp	63					Included	Air	500	95
	828F-E8008-T1CX	3	Opp	100					Included	Air	450	85
	828F-E8009-T1CX	3	Opp	124					Included	Air	388	74
	828F-E8010-T1CX	3	Opp	134					Included	Air	362	69
	828F-E8012-T1CX	3, 4	Opp	154					Included	Air	313	60
	828F-E8013-T1CX	3, 4	Opp	178					Included	Air	271	52
	1 FWD. 1 REV.											

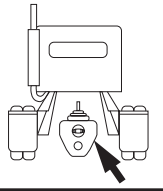



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

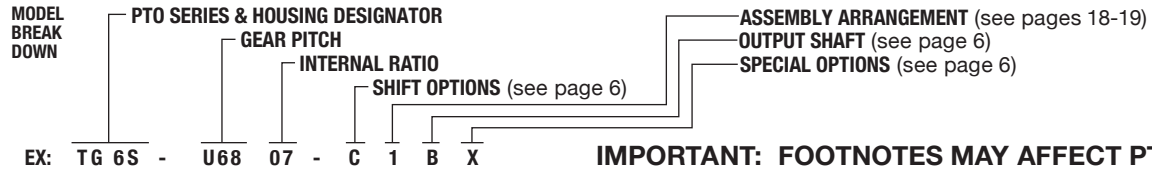
FOOTNOTES:

- 1 TG Series Input Gear is not available in kit format due to housing change required.
- 2 PTO must be wired through the transmission control module as described by Eaton in their application manual.
- 3 The "P" shift option for TG or SH Series or "T" shift option code for 82 Series specified. Chassis must be supplied with PTO prep option and PTO switch installed.
4. Call for availability.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

GETRAG TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		360 (1989-1993 Dodge Diesel) Footnote (5, 6, 7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								33T 8.467 17.5° R.H. LOCATION: Rear PLV: 660 FPM		PLMF: 1.12 RPM: 568		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G8507-C2BX	1, 2, 3, 4	Opp	45					20MKM602	Cable	230	44
	TG6S-G8508-C2BX	1, 2, 3, 4	Opp	55					20MKM602	Cable	230	44
	TG6S-G8509-C2BX	1, 2, 3, 4	Opp	57					20MKM602	Cable	205	39
	TG6S-G8512-C2BH	1, 2, 3, 4	Opp	70					20MKM602	Cable	210	40
	TG6S-G8513-C2BH	1, 2, 3, 4	Opp	80					20MKM602	Cable	210	40
	TG6S-G8515-C2BH	1, 2, 3, 4	Opp	90					20MKM602	Cable	195	37
	TG6S-G8518-C2BH	1, 2, 3, 4	Opp	107					20MKM602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

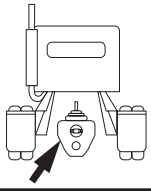

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T35180 — Refer to kit program on pages 10 & 11.
 - 2 Metric Stud Kit shown.
 - 3 Change or modification of transmission capscrew is required. 1991 and later vehicles use a 1/2-13 UNC capscrew and prior to 1991 use a 7/16-14 UNC capscrew.
 - 4 Possible exhaust interference.
 - 5 Driveline interference on 4 X 4 vehicles.
 - 6 Solenoid shift option requires the "A" special option to change the location of the solenoid. Change the PTO to "4" arrangement Shaft High.
 - 7 Recommended oil 5W30 motor oil, refer to vehicle owners manual for specifications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

GETRAG TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		360 (1989-1993 Dodge Diesel) Footnote (5, 6, 7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								33T 8.467 17.5° R.H. LOCATION: Rear PLMF: 1.12 PLV: 660 FPM RPM: 568				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G8507-C4BF	1, 2, 3, 4	Opp	45					20MKM602	Cable	230	44
	TG6S-G8508-C4BF	1, 2, 3, 4	Opp	55					20MKM602	Cable	230	44
	TG6S-G8509-C4BF	1, 2, 3, 4	Opp	57					20MKM602	Cable	205	39
	TG6S-G8512-C4BF	1, 2, 3, 4	Opp	70					20MKM602	Cable	210	40
	TG6S-G8513-C4BF	1, 2, 3, 4	Opp	80					20MKM602	Cable	210	40
	TG6S-G8515-C4BF	1, 2, 3, 4	Opp	90					20MKM602	Cable	195	37
	TG6S-G8518-C4BF	1, 2, 3, 4	Opp	107					20MKM602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

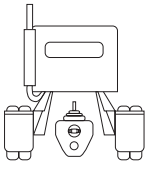

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35180 — Refer to kit program on pages 10 & 11.
- 2 Metric Stud Kit shown.
- 3 Milled idler cap shown to be mounted on the output shaft side of PTO. Use idler cap kit 15MK35351.
- 4 Direct Mount Pumps interfere with transmission case.
- 5 Change or modification of transmission capscrew is required. 1991 and later vehicles use a 1/2-13 UNC capscrew and prior to 1991 use a 7/16-14 UNC capscrew.
- 6 Solenoid shift interferes with transmission case.
- 7 Recommended oil 5W30 motor oil, refer to vehicle owners manual for specifications.

HINO TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 MFO6S							PTO DRIVE GEAR DATA:				
							LOCATION: PLV:			PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

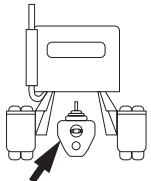

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

HINO TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 MF06S 1ST GEAR 6.714, 7.395, OR 8.189						METRIC 8-BOLT OPENING		
						PTO DRIVE GEAR DATA:		
LOCATION: PLV:				PLMF: RPM:				

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2081-A3BX	1, 2	Opp	70					INCLUDED	AIR	185	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

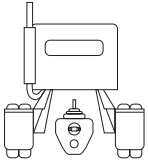

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Air Shift PTO option only available.
- 2 Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 29 in General Information.

HINO TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		LF05S				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

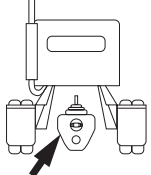

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

HINO TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
						METRIC 8-BOLT OPENING		
LF05S 1ST GEAR 6.363 Z=27 1ST GEAR 6.809 Z=28 (3)						PTO DRIVE GEAR DATA: 27T LOCATION: PLMF: PLV: RPM:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2107-A3BX	1, 2	Opp	77					INCLUDED	AIR	185	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

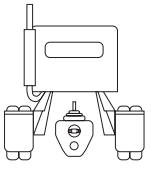

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Air Shift PTO option only available
- 2 Output is 1000 Series companion flange. Direct Mount "K" option available. See page 29 in General Information.
- 3 Transmission with 28T = PTO 87%

HINO TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 <p style="text-align: center;">LF06S</p>						PTO DRIVE GEAR DATA:		
						LOCATION: PLV:		PLMF: RPM:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


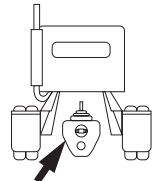
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	HINO TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
LF06S 1ST GEAR 6.363 Z=33		METRIC 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2107-A3BX	1, 2	Opp	94			602AD027000		199K0990000	AIR	185	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

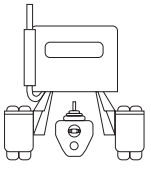

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Air Shift PTO option only available
- 2 Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 29 in General Information.

HINO TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 LJ06S						PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

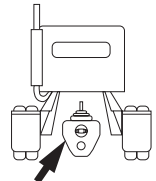

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

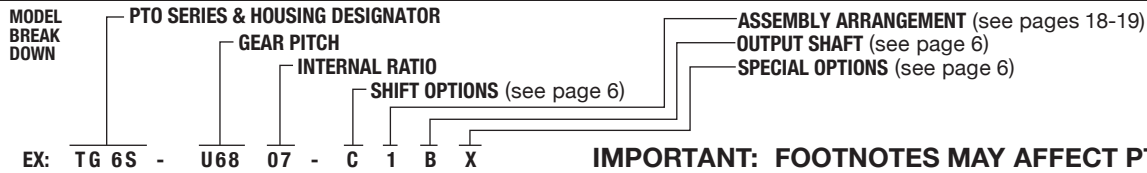
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

HINO TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 LJ06S 1ST GEAR 6.893, 8.189				METRIC 8-BOLT OPENING		
				PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2254-A3BX	1, 2	Opp	97					199K4660000	AIR	185	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Air Shift PTO option only available
- 2 Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 29 in General Information.

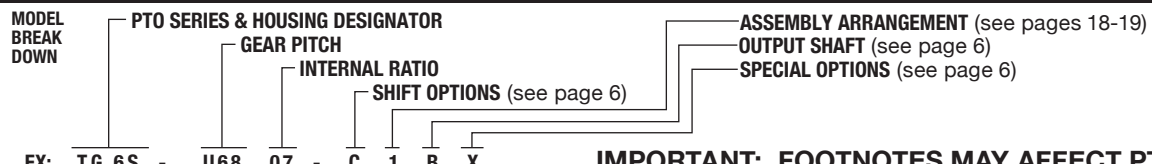
HINO TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 M 550						PTO DRIVE GEAR DATA:		
						LOCATION: PLV:		PLMF: RPM:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

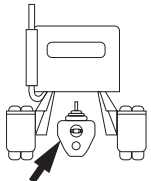

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

HINO TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: flex; justify-content: center; align-items: center;"> <div style="margin-right: 20px;">M 550</div> <div>1ST GEAR 4.981</div> </div>						METRIC 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:			LOCATION: PLV:	PLMF: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09H4-A3BX	1, 2	Opp	114				6036SP07500	199K8240000	AIR	147	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

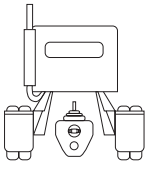

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Air Shift PTO option shown.
- 2 Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 29 in General Information.

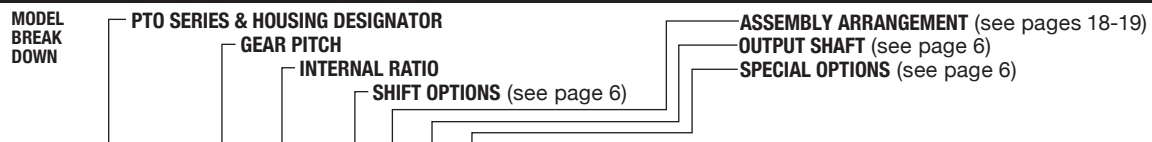
ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)			
MBG-5A						PTO DRIVE GEAR DATA:			
						LOCATION:		PLMF:	
						PLV:		RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

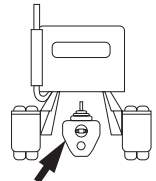

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 MBG-5A	METRIC 8-BOLT OPENING	
	PTO DRIVE GEAR DATA: 34T 7.25P 20°PA 24° R.H. LOCATION: Front PLMF: 1.373 PLV: 706 FPM RPM: 526	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J1-C3BX	1	Opp	68			602AD251000	6036SP13200	199K8140000 199K8610000	Cable	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

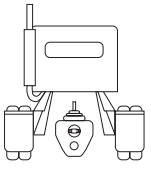

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 PTO output "B" is 1000 Series companion flange. SAE-B option "K" is available. See page 30 in the General Information section.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MBG-5B, MBG-5H				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


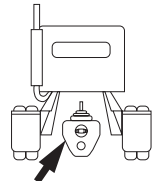
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
MBG-5B, MBG-5H		METRIC 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 35T 7.2571P 20°PA 24° R.H. LOCATION: Front PLMF: 1.292 PLV: 673 FPM RPM: 487	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J1-C3BX	1	OPP	68			602AD251000	6036SP13200	199K8610000 199K8140000	CABLE	147	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

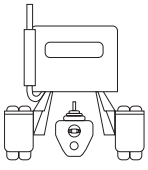

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MBG-5F				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

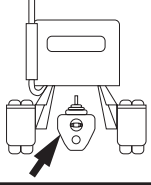

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



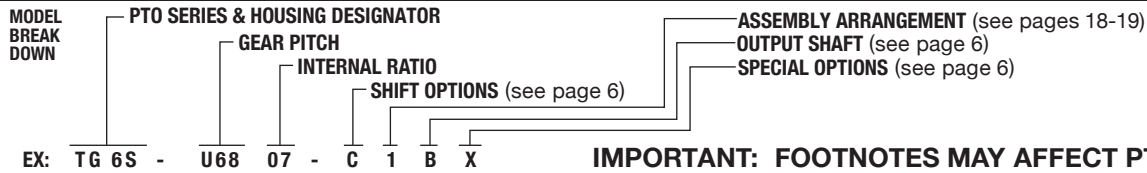
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MLD-6F						METRIC 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 35T 7.257P 20°PA 24° R.H. LOCATION: Front PLMF: 2.990 PLV: 676 FPM RPM: 489				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J1-C3BX	1	OPP	73			602AD251000	6036SP171000	199K8220000 199K8610000	Cable	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

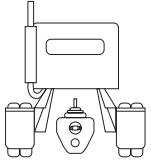

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 Output "B" is 1000 Series companion flange, for SAE-B use "K" output option. See page 30 in the General Information section.

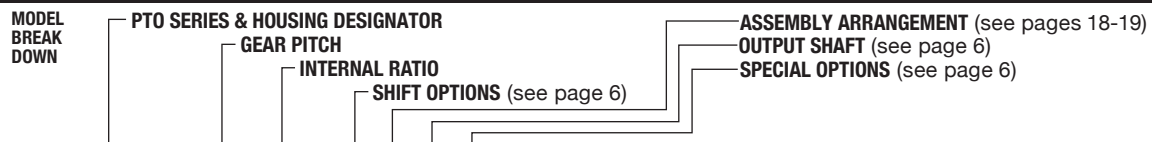
ISUZU TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		MSA-5D					PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

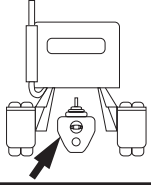

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		MSA-5D Footnote (2)				PTO DRIVE GEAR DATA: 20T SP 20°PA 15° R.H. LOCATION: CENTER PLMF: 2,839 PLV: 367 FPM RPM: 542		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		OPP	67				6036SP83300	199K8480000	CABLE	100	26
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

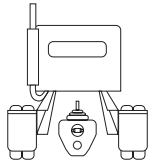

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- 2 Torque and HP derated due to transmission limitations.

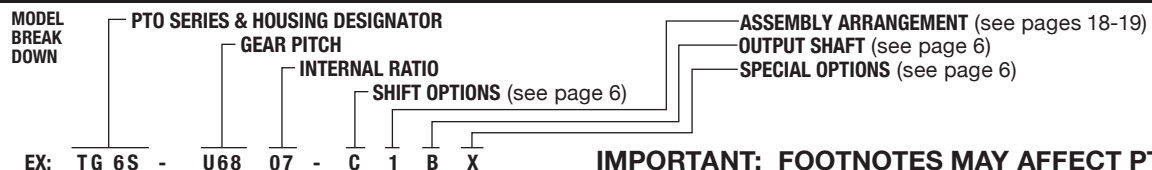
ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MSA-5G				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

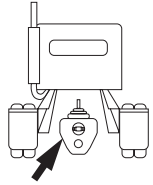

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	MSA-5G Footnote (2)	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		OPP	62				6036SP11930	199K8470000	CABLE	100	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

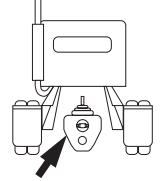



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- Torque and HP derated due to transmission limitations.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

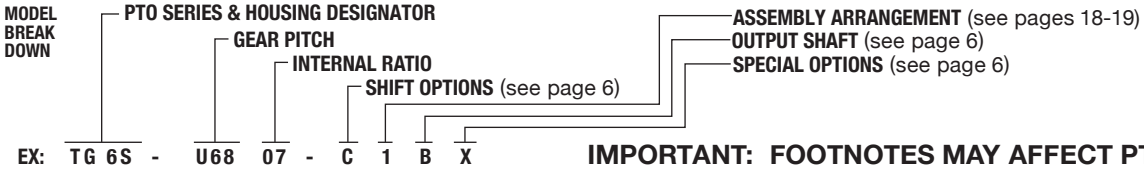
ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	MSA-5P Footnote (2)	

PTO DRIVE GEAR DATA:
 22T SP 20°PA 15° R.H.
 LOCATION: CENTER PLMF: 2.710
 PLV: 396 FPM RPM: 531

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		OPP	62				6036SP11930	199K8470000	CABLE	100	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

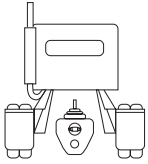

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- Torque and HP derated due to transmission limitations.

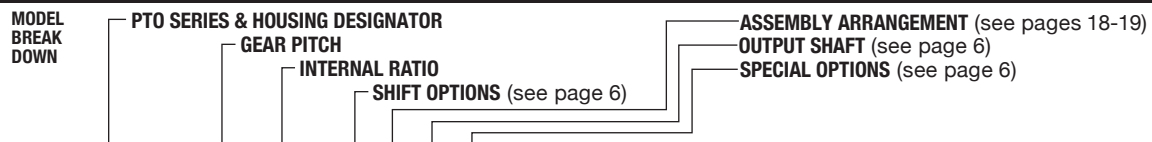
ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MSA-5P				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

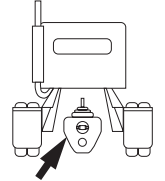

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

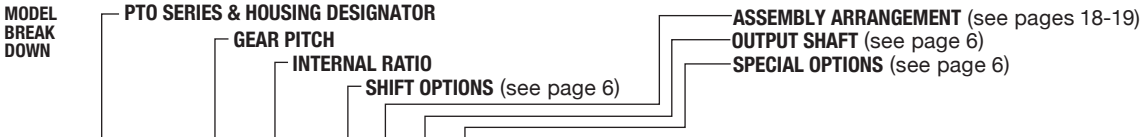
ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	MSA-5S Footnote (2)	

PTO DRIVE GEAR DATA:
 22T 8P 20°PA 15° R.H.
 LOCATION: CENTER PLMF: 2.839
 PLV: 480 FPM RPM: 644

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		OPP	68				6036SP83300	199K8480000	CABLE	100	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


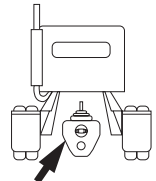


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- 2 Torque and HP derated due to transmission limitations.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
MLD-6Q		METRIC 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 36T 7.257P 20°PA 24° R.H. LOCATION: Front PLMF: 2.915 PLV: 846 FPM RPM: 595	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2262-A3BX	1, 2	Opp	113					199K4800000	AIR	184	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

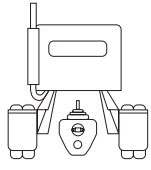

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output shaft "B" is 1000 Series companion flange. For SAE-B use "K" output option.
- 2 Air Shift Option only.

ISUZU TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		MXA-5R, MXA-6S					PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


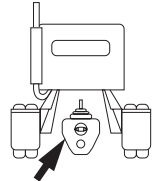


EX: TG 6S - U68 07 - C 1 B X

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
MXA-5R, MXA-6S Footnote (2)		METRIC 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 20T 8P 20° PA 15° R.H. LOCATION: Center PLMF: 2.836 PLV: 436 FPM RPM: 644	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		Opp	67				6036SP83300	199K8480000	Cable	100	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

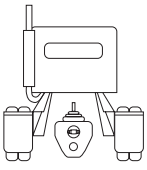

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- 2 Torque and HP derated due to transmission limitations.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MXA-5D				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

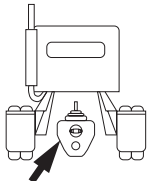

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MXA-5D Footnote (2)						METRIC 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 20T 8P 20° PA 15° R.H. LOCATION: Center PLMF: 2.836 PLV: 367 FPM RPM: 542				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		Opp	58				6036SP83300	199K8480000	Cable	100	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

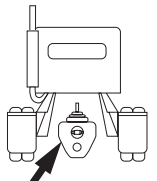



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

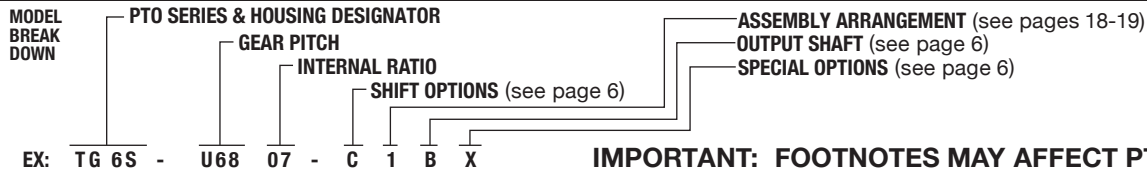
- 1 Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- 2 Torque and HP derated due to transmission limitations.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: inline-block; vertical-align: middle; margin-left: 20px;"> <p>MXA-5C Footnote (2)</p> </div>						METRIC 8-BOLT OPENING		
						PTO DRIVE GEAR DATA: 20T 8P 20° PA 15° R.H. LOCATION: Center PLMF: 2.839 PLV: 346 FPM RPM: 510		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J2-C3BX		Opp	64				6036SP83300	199K8480000	Cable	100	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

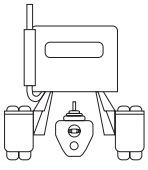

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.
- Torque and HP derated due to transmission limitations.

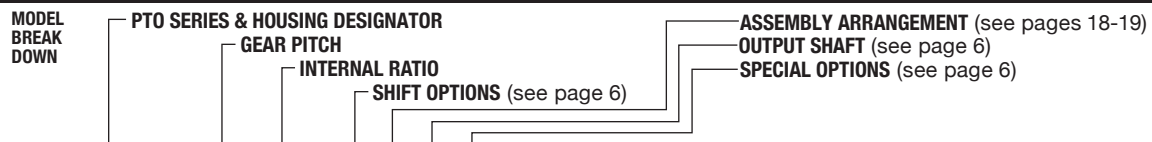
ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MBP-6P				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


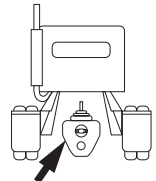
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
MBP-6P		METRIC 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 34T 7.26P 20° PA 24° R.H. LOCATION: Front PLMF: 1.373 PLV: 706 FPM RPM: 526	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J1-C3BX	1	Opp	79			602AD251000	6036SP171000	199K8220000 199K8610000	Cable	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

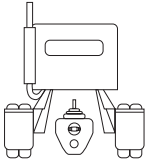

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

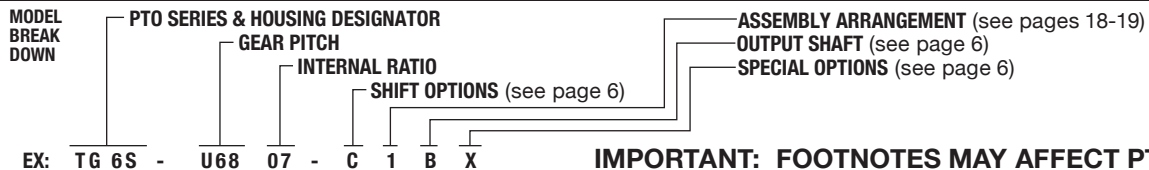
1 Output "B" is 1000 Series companion flange. For SAE-B output use "K" output option. See page 30 in the General Information section.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MBP-6Q				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

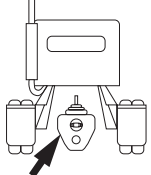

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 MBP-6Q							METRIC 8-BOLT OPENING		
							PTO DRIVE GEAR DATA: 35T 7.2571P 20° P 24° R.H. LOCATION: Front PLMF: 1.292 PLV: 726 FPM RPM: 526		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J1-C3BX	1	OPP	79			602AD251000	6036SP17100	199K861000 199K822000	CABLE	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

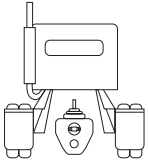

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 Output is 1000 Series companion flange. Direct Mount "K" Option is available. See page 30 in General Information section.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MZZ-6U				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

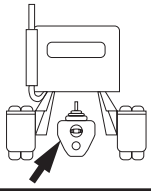

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 <div style="text-align: center; font-size: 24px; font-weight: bold;">MZZ-6U</div>								METRIC 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 37T 8.16P 20° PA 25° R.H. LOCATION: Front PLMF: 1.28 PLV: RPM: 543				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J4-C3BX	1, 2, 3	Opp	87			602AD251000	6036SP25000	199K8620000 199K8610000	Cable	133	25
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

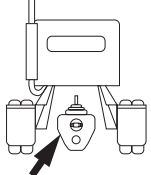



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Cable Shift option only.
- 2 PTO output includes a 1000 Series companion flange. Mate with flange yoke, 10-2-29, sold separately. SAE-B direct mount output option "K" available.
- 3 Two mounting kits are shown and required. One kit mounts PTO to adapter and the other mounts the adapter to the transmission. The spacer is installed between the PTO and adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 MYY-5T, MYY-6P, MYY-6S Footnote (2)						METRIC 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		
				LOCATION: PLV:	PLMF: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J5-C3BX	1	Opp	79				6036SP12500	199K8440000	Cable	148	28
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

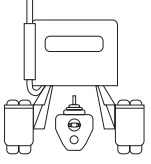

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 30 in General Information.
- For MYY-6P and MYY-6S the output speed is 70%.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MZZ-6F				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

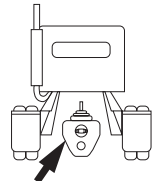

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: inline-block; width: 150px; height: 50px; border: 1px solid black; text-align: center; vertical-align: middle;"> MZZ-6F </div>						METRIC 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P09J4-C3BX	1, 2, 3	Opp	94			602AD251000	6036SP27000	199K8610000 199K8620000	Cable	184	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

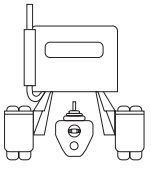

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 30 in General Information section.
- 2 Air Shift option is available.
- 3 Two mounting kits are shown and required. One kit mounts PTO to adapter and the other mounts the adapter to the transmission. The spacer is installed between the PTO and adapter.

ISUZU TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MJA-7U (7.826), MJA-7T				PTO DRIVE GEAR DATA:		
						LOCATION: PLV: PLMF: RPM:		

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

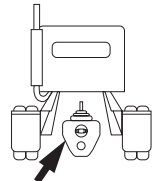

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ISUZU TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 MJA-7U (7.826), MJA-7T⁽³⁾	METRIC 8-BOLT OPENING	
	PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2374-A3BX	1, 2	Opp	102					199K3100000	Air	206	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

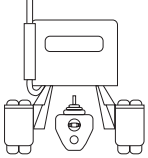



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output is 1000 Series companion flange. Direct Mount "K" option is available. See page 30 in General Information section.
- 2 Air Shift option only.
- 3 For MJA-7T PTO output speed ratio is 95%.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

JATCO TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		AUTOMATIC (NISSAN RGE-40A) 2005 & EARLIER (ISUZU 1989-2005)						PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

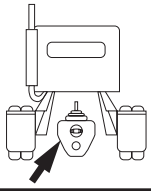

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

JATCO TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		AUTOMATIC (NISSAN RGE-40A) 2005 & EARLIER (ISUZU 1989-2005) Footnotes (3, 5, 6, 8)						METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 63T 8.47P 20° Spur LOCATION: Front PLV: 1948 FPM				PLMF: 1.438 RPM: 1,000
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-I8504-C3BX	1,2,4	Crnk	60					Included	Cable	209	40
	TG6N-I8505-C3BX	1,2,4	Crnk	78					Included	Cable	160	30
	TG6N-I8506-C3BX	1,2,4	Crnk	101					Included	Cable	124	24
	TG6N-I8507-C3BX	1,2,4	Crnk	119					Included	Cable	105	20
	TG6N-I8508-C3BX	1,2,4	Crnk	147					Included	Cable	100	19
	TG6N-I8509-C3BX	1,2,4	Crnk	153					Included	Cable	83	16
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

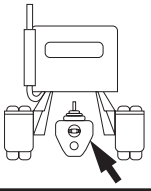



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Frame rail interference when used in Mitsubishi chassis or Nissan UD 1100.
- 2 This PTO requires a special housing and is not available in the standard kit form.
- 3 Torque ratings of PTO are derated for this application due to manufacturer's limitations.
- 4 TG Series Input Gear: #03T35350 — Refer to kit program on pages 10 & 11.
- 5 These PTO's may only be used on 1989 and later transmissions.
- 6 The PTO is driven through the transmission torque converter. There is no lock-up option for stationary applications; therefore increasing engine speed is used to compensate for converter slippage. This affects output shaft speed.
- 8 Metric stud kits are included with the PTO. For TG - 20MKM104.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	TRL-107, TRL-1076, TRL-1078, 1078, TRDXL-107¹, TRDXL-1078¹, TRDXL-1070², TRDXL-10780², TRDXL-1071³, TRDXL-10781³ Footnote (6, 7, 8)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								34T 6P 20° PA Spur	PLMF: 3.085			
								LOCATION: Front	RPM: 510			
								PLV: 758 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	5	Crnk	26			40TU6800		20MK6615	Cable	285	54
	TG6S-U6805-C1BX	5	Crnk	34			40TU6800		20MK6615	Cable	270	51
	TG6S-U6806-C1BX	5	Crnk	44			40TU6800		20MK6615	Cable	245	47
	TG6S-U6807-C1BX	5	Crnk	52			40TU6800		20MK6615	Cable	230	44
	TG6S-U6808-C1BX	5	Crnk	64			40TU6800		20MK6615	Cable	230	44
	TG6S-U6809-C1BX	5	Crnk	67			40TU6800		20MK6615	Cable	205	39
	TG6S-U6812-C1BH	5	Crnk	82			40TU6800		20MK6615	Cable	210	40
	TG6S-U6813-C1BH	5	Crnk	94			40TU6800		20MK6615	Cable	210	40
	TG6S-U6815-C1BH	5	Crnk	106			40TU6800		20MK6615	Cable	195	37
	TG6S-U6818-C1BH	5	Crnk	125			40TU6800		20MK6615	Cable	175	33
SH SERIES	SH6S-U6807-E1BX		Crnk	50			40TU6800		20TK4437	Elec/Air	400	76
	SH6S-U6809-E1BX		Crnk	62			40TU6800		20TK4437	Elec/Air	375	71
	SH6S-U6812-E1BX		Crnk	83			40TU6800		20TK4437	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6806-E1BX		Crnk	40			40TU6800		20TK4437	Power	300	57
	CS6S-U6807-E1BX		Crnk	50			40TU6800		20TK4437	Power	300	57
	CS6S-U6809-E1BX		Crnk	62			40TU6800		20TK4437	Power	275	52
	CS6S-U6812-E1BX		Crnk	83			40TU6800		20TK4437	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	9	Crnk	39		39	40TU6800	23M60200S	20MK6616	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

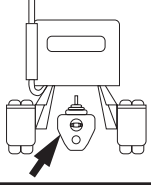



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- In low splitter range, multiply PTO speeds shown by .569.
- With transmission splitter in overdrive range, multiply PTO speeds shown by 1.62.
- In low-low splitter range, multiply PTO speeds shown by .35. In overdrive range multiply speeds by 1.62.
- There may be case interference with single speed-single gear PTO on right side.
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- Continuous duty applications require the addition of a lubrication pump. Order 43MK8205 separately. PTO should be ordered with pressure lube option "P".
- Because of the location of this opening the PTO should be filled with oil before start up. Check oil level of transmission after installation test of PTO.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M60200S and stud kit 20MK6617 (20TK4438 for SH or CS.)
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	TRL-107, TRL-1076, TRL-1078, 1078, TRDXL-107¹, TRDXL-1078¹, TRDXL-1070², TRDXL-10780², TRDXL-1071³, TRDXL-10781³ Footnote (4, 8)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								34T 6P 20° PA Spur LOCATION: Front PLMF: 625/1.423 PLV: 758 FPM RPM: 510				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	5, 6	Opp	26				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	5, 6	Opp	34				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	5, 6	Opp	44				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	5, 6	Opp	52				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	5, 6	Opp	64				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	5, 6	Opp	67				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	5, 6	Opp	82				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	5, 6	Opp	94				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	5, 6	Opp	106				23M80032	Included	Cable	195	37
TG8S-X6818-C3BH	5, 6	Opp	125				23M80032	Included	Cable	175	33	
SH SERIES	SH8S-U6807-E3BX	6	Opp	50					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	6	Opp	62					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	6	Opp	83					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	6	Opp	96					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6806-E3BX		Opp	40					Included	Power	300	57
	CS8S-U6807-E3BX	6	Opp	50					Included	Power	300	57
	CS8S-U6809-E3BX	6	Opp	62					Included	Power	275	52
	CS8S-U6812-E3BX	6	Opp	83					Included	Power	275	52
	CS8S-U6814-E3BX	6	Opp	103					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6805-L3BX	6, 9	Opp	39		39		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		7	40TU6886-1 + 23M80500+ 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6809-L3CX		Opp	47					Included	Lever	410	78
	828S-U6810-L3CX		Opp	51					Included	Lever	410	78
	828S-U6812-L3CX		Opp	58					Included	Lever	375	71
	828S-U6813-L3CX		Opp	68					Included	Lever	375	71
	828S-U6815-L3CX		Opp	74				(2) 23M80062 23M80248	Included	Lever	350	67
	828S-U6819-L3CX		Opp	91				20MK8817	Included	Lever	300	57
1 FWD. 1 REV.												

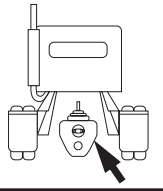



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

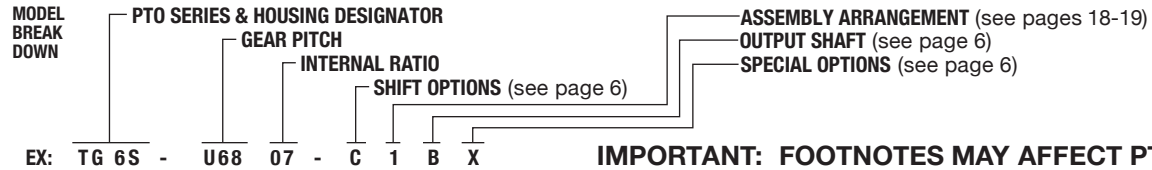
FOOTNOTES:

- In low splitter range, multiply PTO speeds shown by .569.
- With transmission splitter in overdrive range, multiply PTO speeds shown by 1.62.
- In low-low splitter range, multiply PTO speeds shown by .35. In overdrive range multiply speeds by 1.62.
- Direct mount pumps cannot be used without adapter due to case interference.
- TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 1280/1310 Spicer yokes may interfere with case.
- When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	TRDL-107, TRTXL-107, X-107, TRX-107, TRXL-107, TRXL-107A, X-107A, X-1071, TRXL-1071, TRXL-1071A, TRXL-1078 Footnote (2, 4, 5, 6)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								37T 6/8P 20° PA Spur	PLMF: 2.834			
								LOCATION: Front	RPM: 1,054			
								PLV: 1700 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1	Crnk	58			40TU6800	23M60240S	20MK6617	Cable	285	54
	TG6S-U6805-C1BX	1	Crnk	76			40TU6800	23M60240S	20MK6617	Cable	270	51
	TG6S-U6806-C1BX	1	Crnk	99			40TU6800	23M60240S	20MK6617	Cable	245	47
	TG6S-U6807-C1BX	1	Crnk	118			40TU6800	23M60240S	20MK6617	Cable	230	44
	TG6S-U6808-C1BX	1	Crnk	144			40TU6800	23M60240S	20MK6617	Cable	230	44
	TG6S-U6809-C1BX	1	Crnk	150			40TU6800	23M60240S	20MK6617	Cable	205	39
	TG6S-U6812-C1BH	1	Crnk	184			40TU6800	23M60240S	20MK6617	Cable	210	40
	TG6S-U6813-C1BH	1	Crnk	210			40TU6800	23M60240S	20MK6617	Cable	210	40
	TG6S-U6815-C1BH	1	Crnk	236			40TU6800	23M60240S	20MK6617	Cable	195	37
TG6S-U6818-C1BH	1	Crnk	280			40TU6800	23M60240S	20MK6617	Cable	175	33	
SH SERIES	SH6S-U6005-E1BX		Crnk	77			40TU6800	23M60240S	20TK4438	Elec/Air	400	76
	SH6S-U6807-E1BX		Crnk	113			40TU6800	23M60240S	20TK4438	Elec/Air	400	76
	SH6S-U6809-E1BX		Crnk	140			40TU6800	23M60240S	20TK4438	Elec/Air	375	71
	SH6S-U6812-E1BX		Crnk	186			40TU6800	23M60240S	20TK4438	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Crnk	77			40TU6800	23M60240S	20TK4438	Power	300	57
	CS6S-U6806-E1BX		Crnk	91			40TU6800	23M60240S	20TK4438	Power	300	57
	CS6S-U6807-E1BX		Crnk	113			40TU6800	23M60240S	20TK4438	Power	300	57
	CS6S-U6809-E1BX		Crnk	140			40TU6800	23M60240S	20TK4438	Power	275	52
	CS6S-U6812-E1BX		Crnk	186			40TU6800	23M60240S	20TK4438	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3, 7	Crnk	43		43	40TU6800	23M60240S+23M60200S	20MK6619	Lever	200	38
	RL6D-U6805-L3BX	7	Crnk	88		88	40TU6800	23M60240S+23M60200S	20MK6619	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

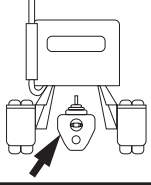

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



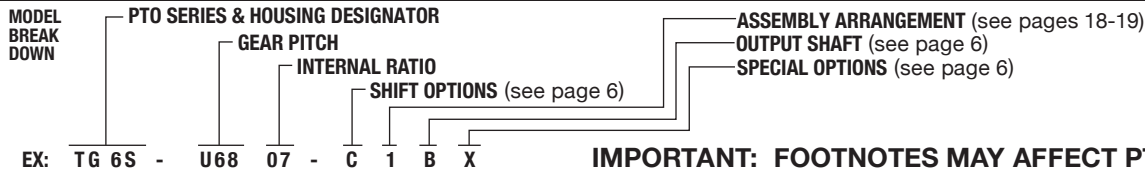
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st gear - .116, 2nd - .200, 3rd - .353, 4th - .603, 5th - 1.00.
 - RL Series with combined reduction gear box.
 - Continuous duty applications require the addition of a lubrication pump. Order 43MK8205 separately. PTO should be ordered with pressure lube option "P".
 - Because of the location of this opening the PTO should be filled with oil before start up. Check oil level of transmission after installation test of PTO.
 - Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6619.
 - Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	TRDL-107, TRTXL-107, X-107, TRX-107, TRXL-107, TRXL-107A, X-107A, X-1071, TRXL-1071, TRXL-1071A, TRXL-1078 Footnote (3, 6)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								37T 6/8P 20° PA Spur	PLMF: .389/1.423			
								LOCATION: Front	RPM: 1,054			
								PLV: 1700 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 2	Opp	58				23M80248	20MK8808	Cable	285	54
	TG8S-X6805-C3BX	1, 2	Opp	76				23M80248	20MK8808	Cable	270	51
	TG8S-X6806-C3BX	1, 2	Opp	99				23M80248	20MK8808	Cable	245	47
	TG8S-X6807-C3BX	1, 2	Opp	118				23M80248	20MK8808	Cable	230	44
	TG8S-X6808-C3BX	1, 2	Opp	144				23M80248	20MK8808	Cable	230	44
	TG8S-X6809-C3BX	1, 2	Opp	150				23M80248	20MK8808	Cable	205	39
	TG8S-X6812-C3BH	1, 2	Opp	184				23M80248	20MK8808	Cable	210	40
	TG8S-X6813-C3BH	1, 2	Opp	210				23M80248	20MK8808	Cable	210	40
	TG8S-X6815-C3BH	1, 2	Opp	236				23M80248	20MK8808	Cable	195	37
	TG8S-X6818-C3BH	1, 2	Opp	280				23M80248	20MK8808	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	77				23M80190	20MK8808	Elec/Air	400	76
	SH8S-U6807-E3BX		Opp	113				23M80190	20MK8808	Elec/Air	400	76
	SH8S-U6809-E3BX		Opp	140				23M80190	20MK8808	Elec/Air	375	71
	SH8S-U6812-E3BX		Opp	186				23M80190	20MK8808	Elec/Air	325	62
	SH8S-U6813-E3BX		Opp	216				23M80190	20MK8808	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	77				23M80190	20MK8808	Power	300	57
	CS6S-U6806-E1BX		Opp	91				23M80190	20MK8808	Power	300	57
	CS8S-U6807-E3BX		Opp	113				23M80190	20MK8808	Power	300	57
	CS8S-U6809-E3BX		Opp	140				23M80190	20MK8808	Power	275	52
	CS8S-U6812-E3BX		Opp	186				23M80190	20MK8808	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	4, 7	Opp	43		43		23M80295	20MK8808	Lever	200	38
	RL8S-U6805-L3BX	7	Opp	89		89		23M80295	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500 + 23M80248 + 20MK8816					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	54				23M80248	20MK8817	Lever	500	95
	828S-U6808-L3CX		Opp	86				23M80248	20MK8817	Lever	450	85
	828S-U6809-L3CX		Opp	106				23M80248	20MK8817	Lever	410	78
	828S-U6810-L3CX		Opp	115				23M80248	20MK8817	Lever	410	78
	828S-U6812-L3CX		Opp	132				23M80248	20MK8817	Lever	375	71
	828S-U6813-L3CX		Opp	153				23M80248	20MK8817	Lever	375	71
	828S-U6815-L3CX		Opp	167				23M80375	20MK8817	Lever	350	67
	828S-U6819-L3CX		Opp	205				23M80500	20MK8816	Lever	300	57
	1 FWD. 1 REV.											

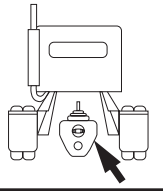



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

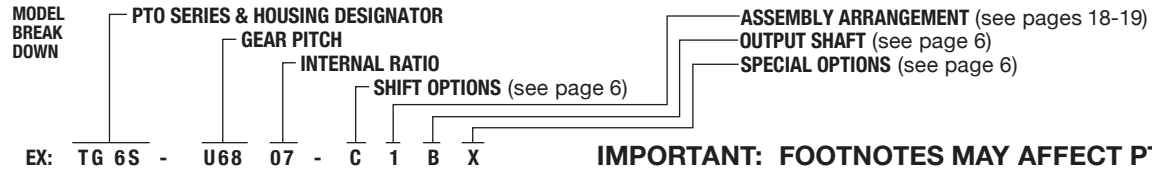
FOOTNOTES:

- For Direct Mount Pumps use TG8D-S68*-C3KX + 23M80375 + 23M80062 + 20MK8817, then multiply speed by .92. Alterations to direct mount flange required for clearance.
- TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st gear - .116, 2nd - .200, 3rd - .353, 4th - .603, 5th - 1.00.
- RL Series with combined reduction gear box.
- When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Change spacer to 23M80375+23M80062 and stud kit to 20MK8817.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	TRXL-1070, TRXL-10710, TRXL-1070A, X-1070 Footnote (2, 4, 5, 6)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								37T 6/8P 20° PA Spur LOCATION: Front PLMF: 2.834 PLV: 1700 FPM RPM: 1,054				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1	Crnk	58			40TU6800	23M60240S	20MK6617	Cable	285	54
	TG6S-U6805-C1BX	1	Crnk	76			40TU6800	23M60240S	20MK6617	Cable	270	51
	TG6S-U6806-C1BX	1	Crnk	99			40TU6800	23M60240S	20MK6617	Cable	245	47
	TG6S-U6807-C1BX	1	Crnk	118			40TU6800	23M60240S	20MK6617	Cable	230	44
	TG6S-U6808-C1BX	1	Crnk	144			40TU6800	23M60240S	20MK6617	Cable	230	44
	TG6S-U6809-C1BX	1	Crnk	150			40TU6800	23M60240S	20MK6617	Cable	205	39
	TG6S-U6812-C1BH	1	Crnk	184			40TU6800	23M60240S	20MK6617	Cable	210	40
	TG6S-U6813-C1BH	1	Crnk	210			40TU6800	23M60240S	20MK6617	Cable	210	40
	TG6S-U6815-C1BH	1	Crnk	236			40TU6800	23M60240S	20MK6617	Cable	195	37
	TG6S-U6818-C1BH	1	Crnk	280			40TU6800	23M60240S	20MK6617	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Crnk	77			40TU6800	23M60240S	20TK4438	Elec/Air	400	76
	SH6S-U6807-E1BX		Crnk	113			40TU6800	23M60240S	20TK4438	Elec/Air	400	76
	SH6S-U6809-E1BX		Crnk	140			40TU6800	23M60240S	20TK4438	Elec/Air	375	71
	SH6S-U6812-E1BX		Crnk	186			40TU6800	23M60240S	20TK4438	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Crnk	77			40TU6800	23M60240S	20TK4438	Power	300	57
	CS6S-U6806-E1BX		Crnk	91			40TU6800	23M60240S	20TK4438	Power	300	57
	CS6S-U6807-E1BX		Crnk	113			40TU6800	23M60240S	20TK4438	Power	300	57
	CS6S-U6809-E1BX		Crnk	140			40TU6800	23M60240S	20TK4438	Power	275	52
	CS6S-U6812-E1BX		Crnk	186			40TU6800	23M60240S	20TK4438	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3, 7	Crnk	43		43	40TU6800	23M60200S+23M60240S	20MK6619	Lever	200	38
	RL6D-U6805-L3BX	7	Crnk	88		88	40TU6800	23M60200S+23M60240S	20MK6619	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

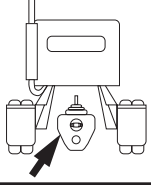

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



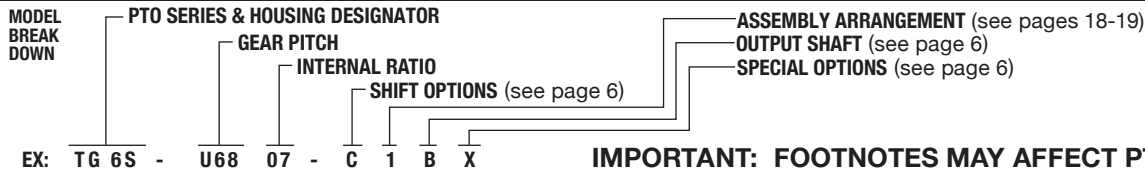
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following:
for 1st gear - .191, 2nd - .328, 3rd - .578, 4th - 1.00, 5th - 1.67.
 - 3 RL Series with combined reduction gear box.
 - 4 Continuous duty applications require the addition of a lubrication pump. Order 43MK8205 separately. PTO should be ordered with pressure lube option "P".
 - 5 Because of the location of this opening the PTO should be filled with oil before start up. Check oil level of transmission after installation test of PTO.
 - 6 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M60200S and change stud kit to 20MK6619.
 - 7 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	TRXL-1070, TRXL-10710, TRXL-1070A, X-1070 Footnote (3, 6)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								37T 6/8P 20° PA Spur	PLMF: .389/1.423			
								LOCATION: Front	RPM: 1054			
								PLV: 1700 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 2	Opp	58				23M80248	20MK8808	Cable	285	54
	TG8S-X6805-C3BX	1, 2	Opp	76				23M80248	20MK8808	Cable	270	51
	TG8S-X6806-C3BX	1, 2	Opp	99				23M80248	20MK8808	Cable	245	47
	TG8S-X6807-C3BX	1, 2	Opp	118				23M80248	20MK8808	Cable	230	44
	TG8S-X6808-C3BX	1, 2	Opp	144				23M80248	20MK8808	Cable	230	44
	TG8S-X6809-C3BX	1, 2	Opp	150				23M80248	20MK8808	Cable	205	39
	TG8S-X6812-C3BH	1, 2	Opp	184				23M80248	20MK8808	Cable	210	40
	TG8S-X6813-C3BH	1, 2	Opp	210				23M80248	20MK8808	Cable	210	40
	TG8S-X6815-C3BH	1, 2	Opp	236				23M80248	20MK8808	Cable	195	37
TG8S-X6818-C3BH	1, 2	Opp	280				23M80248	20MK8808	Cable	175	33	
SH SERIES	SH8S-U6005-E3BX		Opp	77				23M80190	20MK8808	Elec/Air	400	76
	SH8S-U6807-E3BX		Opp	113				23M80190	20MK8808	Elec/Air	400	76
	SH8S-U6809-E3BX		Opp	140				23M80190	20MK8808	Elec/Air	375	71
	SH8S-U6812-E3BX		Opp	186				23M80190	20MK8808	Elec/Air	325	62
	SH8S-U6813-E3BX		Opp	216				23M80190	20MK8808	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	77				23M80190	20MK8808	Power	300	57
	CS8S-U6806-E3BX		Opp	91				23M80190	20MK8808	Power	300	57
	CS8S-U6807-E3BX		Opp	113				23M80190	20MK8808	Power	300	57
	CS8S-U6809-E3BX		Opp	140				23M80190	20MK8808	Power	275	52
	CS8S-U6812-E3BX		Opp	186				23M80190	20MK8808	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	4, 7	Opp	43		43		23M80295	20MK8808	Lever	200	38
	RL8S-U6805-L3BX	7	Opp	89		89		23M80295	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80500+ 23M80248 + 20MK8816					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	54				23M80248	20MK8817	Lever	500	95
	828S-U6808-L3CX		Opp	86				23M80248	20MK8817	Lever	450	85
	828S-U6809-L3CX		Opp	106				23M80248	20MK8817	Lever	410	78
	828S-U6810-L3CX		Opp	115				23M80248	20MK8817	Lever	410	78
	828S-U6812-L3CX		Opp	132				23M80248	20MK8817	Lever	375	71
	828S-U6813-L3CX		Opp	153				23M80248	20MK8817	Lever	375	71
	828S-U6815-L3CX		Opp	167				23M80375	20MK8817	Lever	350	67
	828S-U6819-L3CX		Opp	205				23M80500	20MK8816	Lever	300	57
1 FWD. 1 REV.												

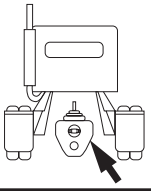



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 For Direct Mount Pumps use TG8D-S68*-C3KX + 23M80375 + 23M80062 + 20MK8817, then multiply speed by .92.
- 3 Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following:
for 1st gear - .191, 2nd - .328, 3rd - .578, 4th - 1.00, 5th - 1.67.
- 4 RL Series with combined reduction gear box.
- 5 When using the 40TU6886-1 adapter to change rotation-change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 6 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Change spacer to 23M80375+23M80062 and stud kit to 20MK8817.
- 7 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T-1070¹, TRTXL-1070B, T-1070B, TRDL-1070, TRDLG-1070, TRTXL-1070¹ Footnote (3, 5, 6, 7)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								37T 6/8P 20° PA Spur LOCATION: Rear PLMF: 2.834 PLV: 2185 FPM RPM: 1,355				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C2BX	2	Crnk	75			40TU6800	23M60240S	20MK6617	Cable	285	54
	TG6S-U6805-C2BX	2	Crnk	98			40TU6800	23M60240S	20MK6617	Cable	270	51
	TG6S-U6806-C2BX	2	Crnk	128			40TU6800	23M60240S	20MK6617	Cable	245	47
	TG6S-U6807-C2BX	2	Crnk	151			40TU6800	23M60240S	20MK6617	Cable	230	44
	TG6S-U6808-C2BX	2	Crnk	185			40TU6800	23M60240S	20MK6617	Cable	230	44
	TG6S-U6809-C2BX	2	Crnk	193			40TU6800	23M60240S	20MK6617	Cable	205	39
	TG6S-U6812-C2BH	2	Crnk	237			40TU6800	23M60240S	20MK6617	Cable	210	40
	TG6S-U6813-C2BH	2	Crnk	270			40TU6800	23M60240S	20MK6617	Cable	210	40
	TG6S-U6815-C2BH	2	Crnk	304			40TU6800	23M60240S	20MK6617	Cable	195	37
	TG6S-U6818-C2BH	2	Crnk	360			40TU6800	23M60240S	20MK6617	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	4, 8	Crnk	114		114	40TU6800	23M60240S+23M60200S	20MK6619	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

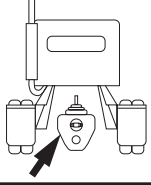



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- IMPORTANT: This transmission also has a low range compound section. For PTO speeds in low range, multiply speed shown by .594. This is in addition to the reduction created by the lower gears.
- TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st gear – .116, 2nd – .200, 3rd – .353, 4th – .603, 5th – 1.00.
- RL Series with combined reduction gear box is not available in "2" assembly.
- Continuous duty applications require the addition of a lubrication pump. Order 43MK8205 separately. PTO should be ordered with pressure lube option "P".
- Because of the location of this opening the PTO should be filled with oil before start up. Check oil level of transmission after installation test of PTO.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6619.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T-1070¹, TRTXL-1070B, T-1070B, TRDL-1070, TRDLG-1070, TRTXL-1070¹ Footnote (5)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								37T 6/8P 20° PA Spur				
								LOCATION: Rear			PLMF: .389/1.423	
								PLV: 2158 FPM			RPM: 1,355	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C2BX	2, 3, 4, 8	Opp	75				23M80248	20MK8808	Cable	285	54
	TG8S-X6805-C2BX	2, 3, 4, 8	Opp	98				23M80248	20MK8808	Cable	270	51
	TG8S-X6806-C2BX	2, 3, 4, 8	Opp	128				23M80248	20MK8808	Cable	245	47
	TG8S-X6807-C2BX	2, 3, 4, 8	Opp	151				23M80248	20MK8808	Cable	230	44
	TG8S-X6808-C2BX	2, 3, 4, 8	Opp	185				23M80248	20MK8808	Cable	230	44
	TG8S-X6809-C2BX	2, 3, 4, 8	Opp	193				23M80248	20MK8808	Cable	205	39
	TG8S-X6812-C2BH	2, 3, 4, 8	Opp	237				23M80248	20MK8808	Cable	210	40
	TG8S-X6813-C2BH	2, 3, 4, 8	Opp	270				23M80248	20MK8808	Cable	210	40
	TG8S-X6815-C2BH	2, 3, 4, 8	Opp	304				23M80248	20MK8808	Cable	195	37
	TG8S-X6818-C2BH	2, 3, 4, 8	Opp	360				23M80248	20MK8808	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-U6805-L2BX	6, 9	Opp	114		114		23M80295	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION		7	40TU6886-2 + 23M80500+ 23M80248 + 20MK8816					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L2CX		Opp	70				23M80248	20MK8817	Lever	500	95
	828S-U6808-L2CX		Opp	111				23M80248	20MK8817	Lever	450	85
	828S-U6809-L2CX		Opp	137				23M80248	20MK8817	Lever	410	78
	828S-U6810-L2CX		Opp	147				23M80248	20MK8817	Lever	410	78
	828S-U6812-L2CX		Opp	170				23M80248	20MK8817	Lever	375	71
	828S-U6813-L2CX		Opp	197				23M80248	20MK8817	Lever	375	71
	828S-U6815-L2CX		Opp	214				23M80375	20MK8817	Lever	350	67
	828S-U6819-L2CX		Opp	264				23M80500	20MK8816	Lever	300	57
	1 FWD. 1 REV.											

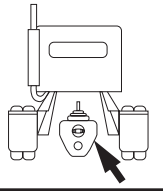



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

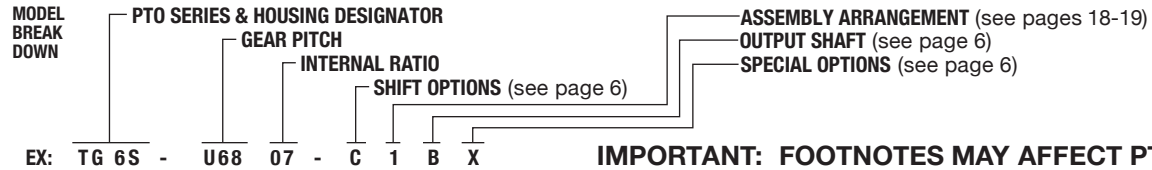
FOOTNOTES:

- IMPORTANT: This transmission also has a low range compound section. For PTO speeds in low range, multiply speed shown by .594. This is in addition to the reduction created by the lower gears.
- The #2 assembly arrangement (Shaft High) is used to clear bulge in transmission case.
- For Direct Mount Pumps use TG8D-S68**-C2KX + 23M80375 + 23M80062 + 20MK8817, then multiply speed by .92.
- TG Series Input Gear: #03T96773 – Refer to kit program on pages 10 & 11.
- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st gear – .116, 2nd – .200, 3rd – .353, 4th – .603, 5th – 1.00.
- RL Series with combined reduction gear box is not available in "2" assembly.
- Change TG Series, and RL Series to 6-bolt PTO housing (TG6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Change spacer to 23M80375+23M80062 and stud kit to 20MK8817.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T2050, T2060, T2070 (Front Box), T2070B, T2070F, T2080, T2080B (Front Box), T305, T306, T307 (Front Box), T307M (Front Box), T308, T308m (Front Box)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6.48P 17.5° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1826 FPM RPM: 837				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	1	Opp	62					Included	Cable	285	54
	TG6S-M6505-C1BX	1	Opp	81					Included	Cable	270	51
	TG6S-M6506-C1BX	1	Opp	106					Included	Cable	245	47
	TG6S-M6507-C1BX	1	Opp	126					Included	Cable	230	44
	TG6S-M6508-C1BX	1	Opp	153					Included	Cable	230	44
	TG6S-M6509-C1BX	1	Opp	160					Included	Cable	205	39
	TG6S-M6512-C1BH	1	Opp	196					Included	Cable	210	40
	TG6S-M6513-C1BH	1	Opp	224					Included	Cable	210	40
	TG6S-M6515-C1BH	1	Opp	252					Included	Cable	195	37
	TG6S-M6518-C1BH	1	Opp	299					Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	82					Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	121					Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	150					Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	199					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	75					Included	Power	300	57
	CS6S-M6505-E1BX		Opp	82					Included	Power	300	57
	CS6S-M6507-E1BX		Opp	121					Included	Power	300	57
	CS6S-M6509-E1BX		Opp	150					Included	Power	275	52
	CS6S-M6512-E1BX		Opp	199					Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	2, 3	Opp	46		46		23M60200S	20MK6602	Lever	200	38
	RL6D-M6505-L3BX	3	Opp	94		94		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

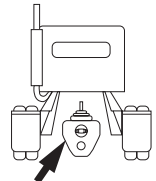



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

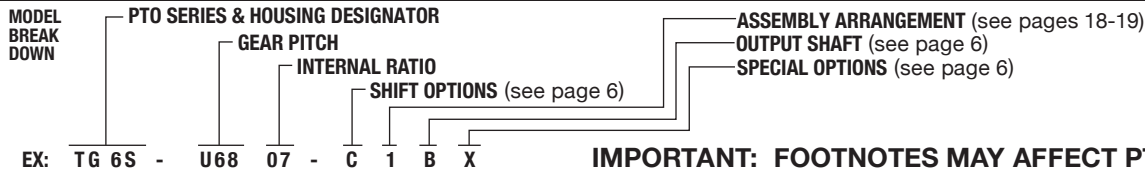
FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 T2050, T2060, T2070 (Front Box), T2070B, T2070F, T2080, T2080B (Front Box), T305, T306, T307 (Front Box), T307M (Front Box), T308, T308m (Front Box)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 54T 6.48P 17.5° PA Spur LOCATION: Front PLMF: .810 PLV: 1826 FPM RPM: 837				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	1	Opp	62					Included	Cable	285	54
	TG8S-M6505-C3BX	1	Opp	81					Included	Cable	270	51
	TG8S-M6506-C3BX	1	Opp	106					Included	Cable	245	47
	TG8S-M6507-C3BX	1	Opp	126					Included	Cable	230	44
	TG8S-M6508-C3BX	1	Opp	153					Included	Cable	230	44
	TG8S-M6509-C3BX	1	Opp	160					Included	Cable	205	39
	TG8S-M6512-C3BH	1	Opp	196					Included	Cable	210	40
	TG8S-M6513-C3BH	1	Opp	224					Included	Cable	210	40
	TG8S-M6515-C3BH	1	Opp	252					Included	Cable	195	37
TG8S-M6518-C3BH	1	Opp	299					Included	Cable	175	33	
SH SERIES	SH8S-M6505-E3BX		Opp	82					Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	121					Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	150					Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	199					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	75					Included	Power	300	57
	CS8S-M6505-E3BX		Opp	82					Included	Power	300	57
	CS8S-M6507-E3BX		Opp	121					Included	Power	300	57
	CS8S-M6509-E3BX		Opp	150					Included	Power	275	52
	CS8S-M6512-E3BX		Opp	199					Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX RL8S-M6505-L3BX	2, 4 4	Opp Opp	46 94		46 94			Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX	3	Opp	92					Included	Lever	450	85
	828S-M6510-L3CX	3	Opp	122					Included	Lever	410	78
	828S-M6513-L3CX	3	Opp	162					Included	Lever	375	71
	828S-M6519-L3CX	3	Opp	215				23M80190	20MK8817	Lever	300	57
1 FWD. 1 REV.												

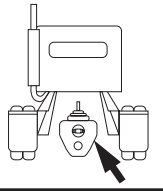



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

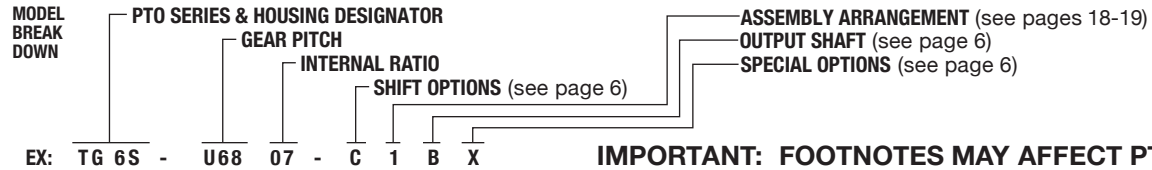
FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Interference with 82 and 83 Series and spring shackle on CH Series chassis with set-back front axle and Mack engine.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T2070¹, T2070B⁴, T2070C⁴, T2070D⁵, T2080B⁴, T2080D⁵, T307¹, T307M⁴, T308M⁴ (This Page is for Rear Box Openings) See Footnotes							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur LOCATION: Front PLMF: 1.055 PLV: 2069 FPM RPM: 1,025				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	2	Opp	69				23M60062S	Included	Cable	285	54
	TG6S-M6505-C1BX	2	Opp	90				23M60062S	Included	Cable	270	51
	TG6S-M6506-C1BX	2	Opp	117				23M60062S	Included	Cable	245	47
	TG6S-M6507-C1BX	2	Opp	138				23M60062S	Included	Cable	230	44
	TG6S-M6508-C1BX	2	Opp	170				23M60062S	Included	Cable	230	44
	TG6S-M6509-C1BX	2	Opp	177				23M60062S	Included	Cable	205	39
	TG6S-M6512-C1BH	2	Opp	217				23M60062S	Included	Cable	210	40
	TG6S-M6513-C1BH	2	Opp	247				23M60062S	Included	Cable	210	40
	TG6S-M6515-C1BH	2	Opp	279				23M60062S	Included	Cable	195	37
	TG6S-M6518-C1BH	2	Opp	331				23M60062S	Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	91				23M60062S	Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	134				23M60062S	Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	167				23M60062S	Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	222				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	84				23M60062S	Included	Power	300	57
	CS6S-M6505-E1BX		Opp	91				23M60062S	Included	Power	300	57
	CS6S-M6507-E1BX		Opp	134				23M60062S	Included	Power	300	57
	CS6S-M6509-E1BX		Opp	167				23M60062S	Included	Power	275	52
	CS6S-M6512-E1BX		Opp	222				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	3, 6	Opp	51		51		23M60240S	20MK6604	Lever	200	38
	RL6D-M6505-L3BX	6	Opp	104		104		23M60240S	20MK6604	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500+ 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

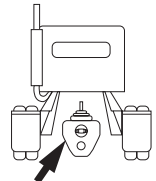

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



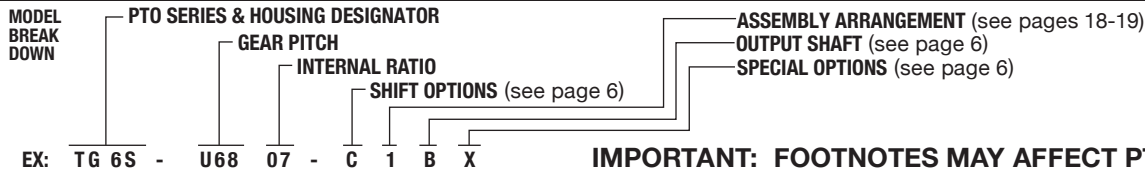
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st gear - .114, 2nd - .196, 3rd - .343, 4th - .597, 5th - 1.00. Rotation of output shaft will be reversed by placing main transmission in reverse, use multiplier (.113).
 - TG Series Input Gear: #03T34597 - Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box.
 - PTO speed and rotation are the same as Footnote (1) except are not affected by reverse.
 - Multiply speeds shown by ratios listed in Footnote (1) except in 5th use .890.
 - Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T2070¹, T2070B⁴, T2070C⁴, T2070D⁵, T2080B⁴, T2080D⁵, T307¹, T307M⁴, T308M⁴ (This Page is for Rear Box Openings) See Footnotes							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur LOCATION: Front PLMF: .667 PLV: 2069 FPM RPM: 1,025				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	2	Opp	69				23M80062	Included	Cable	285	54
	TG8S-M6505-C3BX	2	Opp	90				23M80062	Included	Cable	270	51
	TG8S-M6506-C3BX	2	Opp	117				23M80062	Included	Cable	245	47
	TG8S-M6507-C3BX	2	Opp	138				23M80062	Included	Cable	230	44
	TG8S-M6508-C3BX	2	Opp	170				23M80062	Included	Cable	230	44
	TG8S-M6509-C3BX	2	Opp	177				23M80062	Included	Cable	205	39
	TG8S-M6512-C3BH	2	Opp	217				23M80062	Included	Cable	210	40
	TG8S-M6513-C3BH	2	Opp	247				23M80062	Included	Cable	210	40
	TG8S-M6515-C3BH	2	Opp	279				23M80062	Included	Cable	195	37
	TG8S-M6518-C3BH	2	Opp	331				23M80062	Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	91				23M80062	Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	134				23M80062	Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	167				23M80062	Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	222				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	84				23M80062	Included	Power	300	57
	CS8S-M6505-E3BX		Opp	91				23M80062	Included	Power	300	57
	CS8S-M6507-E3BX		Opp	134				23M80062	Included	Power	300	57
	CS8S-M6509-E3BX		Opp	167				23M80062	Included	Power	275	52
	CS8S-M6512-E3BX		Opp	222				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	3, 6	Opp	51		51		23M80062	Included	Lever	200	38
	RL8S-M6505-L3BX	6	Opp	94		94		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX		Opp	101				23M80062	Included	Lever	450	85
	828S-M6510-L3CX		Opp	135				23M80062	Included	Lever	410	78
	828S-M6513-L3CX		Opp	180				23M80062	Included	Lever	375	71
	828S-M6519-L3CX		Opp	238				23M80248	20MK8814	Lever	300	57
1 FWD. 1 REV.												

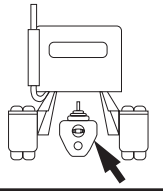



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

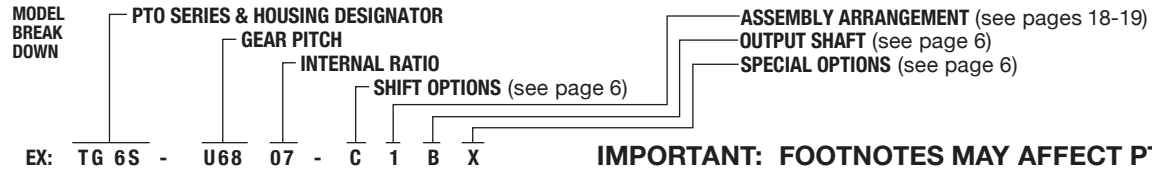
FOOTNOTES:

- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st gear - .114, 2nd - .196, 3rd - .343, 4th - .597, 5th - 1.00. Rotation of output shaft will be reversed by placing main transmission in reverse, use multiplier (.113).
- TG Series Input Gear: #03T34597 - Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- PTO speed and rotation are the same as Footnote (1) except are not affected by reverse.
- Multiply speeds shown by ratios listed in Footnote (1) except 5th use .890.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T2090, T2130, T2130B, T2180, T2180B, TM308M, T309, T309L, T309LR, TM309M, T310MLR, T313L, T313L21, T313LR, T313LR21, T318L, T318L21, T318LR, T318LR21 (This Page is for Front Box Openings)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6.48P 17.5° PA Spur	PLMF: 1.085			
								LOCATION: Front	RPM: 702			
								PLV: 1532 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	1	Opp	52					Included	Cable	285	54
	TG6S-M6505-C1BX	1	Opp	68					Included	Cable	270	51
	TG6S-M6506-C1BX	1	Opp	89					Included	Cable	245	47
	TG6S-M6507-C1BX	1	Opp	106					Included	Cable	230	44
	TG6S-M6508-C1BX	1	Opp	129					Included	Cable	230	44
	TG6S-M6509-C1BX	1	Opp	135					Included	Cable	205	39
	TG6S-M6512-C1BH	1	Opp	166					Included	Cable	210	40
	TG6S-M6513-C1BH	1	Opp	189					Included	Cable	210	40
	TG6S-M6515-C1BH	1	Opp	213					Included	Cable	195	37
TG6S-M6518-C1BH	1	Opp	251					Included	Cable	175	33	
SH SERIES	SH6S-M6505-E1BX		Opp	69					Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	101					Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	126					Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	167					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	63					Included	Power	300	57
	CS6S-M6505-E1BX		Opp	69					Included	Power	300	57
	CS6S-M6507-E1BX		Opp	101					Included	Power	300	57
	CS6S-M6509-E1BX		Opp	126					Included	Power	275	52
	CS6S-M6512-E1BX		Opp	167					Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	2, 4	Opp	39		39		23M60200S	20MK6602	Lever	200	38
	RL6D-M6505-L3BX	4	Opp	79		79		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TM6500 + 23M61500+ 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Possible interference with spring hanger on vehicles with set back front axles.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T2090, T2130, T2130B, T2180, T2180B, TM308M, T309, T309L, T309LR, TM309M, T310MLR, T313L, T313L21, T313LR, T313LR21, T318L, T318L21, T318LR, T318LR21 (This Page is for Front Box Openings)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6.48P 17.5° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 702			
								PLV: 1532 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	1	Opp	52					Included	Cable	285	54
	TG8S-M6505-C3BX	1	Opp	68					Included	Cable	270	51
	TG8S-M6506-C3BX	1	Opp	89					Included	Cable	245	47
	TG8S-M6507-C3BX	1	Opp	106					Included	Cable	230	44
	TG8S-M6508-C3BX	1	Opp	129					Included	Cable	230	44
	TG8S-M6509-C3BX	1	Opp	135					Included	Cable	205	39
	TG8S-M6512-C3BH	1	Opp	166					Included	Cable	210	40
	TG8S-M6513-C3BH	1	Opp	189					Included	Cable	210	40
	TG8S-M6515-C3BH	1	Opp	213					Included	Cable	195	37
TG8S-M6518-C3BH	1	Opp	251					Included	Cable	175	33	
SH SERIES	SH8S-M6505-E3BX		Opp	69					Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	101					Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	126					Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	167					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	63					Included	Power	300	57
	CS8S-M6505-E3BX		Opp	69					Included	Power	300	57
	CS8S-M6507-E3BX		Opp	101					Included	Power	300	57
	CS8S-M6509-E3BX		Opp	126					Included	Power	275	52
	CS8S-M6512-E3BX		Opp	167					Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX RL8S-M6505-L3BX	2, 4 4	Opp Opp	39 79		39 79			Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX	3	Opp	77					Included	Lever	450	85
	828S-M6510-L3CX	3	Opp	102					Included	Lever	410	78
	828S-M6513-L3CX	3	Opp	136					Included	Lever	375	71
	828S-M6519-L3CX	3	Opp	181				23M80190	20MK8817	Lever	300	57
1 FWD. 1 REV.												

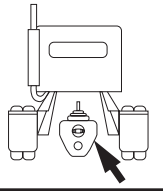



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

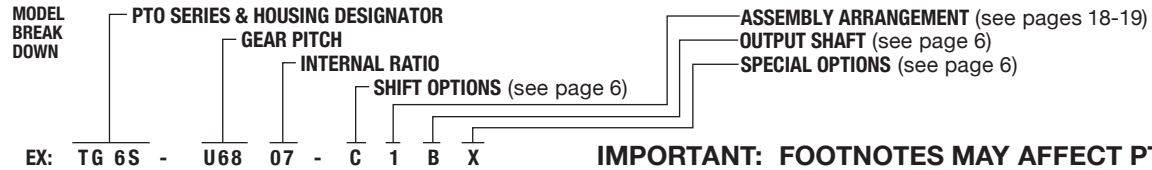
FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Interference with 82 and 83 Series and spring shackle on CH Series chassis with set-back front axle and Mack engine.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		T2100 T2110B (FRONT BOX)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 54T 6.48P 17.5° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1422 FPM RPM: 652				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	1	Opp	49					Included	Cable	285	54
	TG6S-M6505-C1BX	1	Opp	63					Included	Cable	270	51
	TG6S-M6506-C1BX	1	Opp	83					Included	Cable	245	47
	TG6S-M6507-C1BX	1	Opp	98					Included	Cable	230	44
	TG6S-M6508-C1BX	1	Opp	120					Included	Cable	230	44
	TG6S-M6509-C1BX	1	Opp	125					Included	Cable	205	39
	TG6S-M6512-C1BH	1	Opp	154					Included	Cable	210	40
	TG6S-M6513-C1BH	1	Opp	175					Included	Cable	210	40
	TG6S-M6515-C1BH	1	Opp	197					Included	Cable	195	37
TG6S-M6518-C1BH	1	Opp	233					Included	Cable	175	33	
SH SERIES	SH6S-M6505-E1BX		Opp	64					Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	94					Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	117					Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	155					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	58					Included	Power	300	57
	CS6S-M6505-E1BX		Opp	64					Included	Power	300	57
	CS6S-M6507-E1BX		Opp	94					Included	Power	300	57
	CS6S-M6509-E1BX		Opp	117					Included	Power	275	52
	CS6S-M6512-E1BX		Opp	155					Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	2, 3	Opp	36		36		23M60200S	20MK6602	Lever	200	38
	RL6D-M6505-L3BX	3	Opp	73		73		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500+ 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

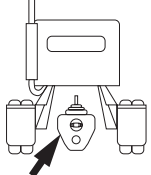



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		T2100 T2110B (FRONT BOX)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6.48P 17.5° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 652			
								PLV: 1422 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	1	Opp	49					Included	Cable	285	54
	TG8S-M6505-C3BX	1	Opp	63					Included	Cable	270	51
	TG8S-M6506-C3BX	1	Opp	83					Included	Cable	245	47
	TG8S-M6507-C3BX	1	Opp	98					Included	Cable	230	44
	TG8S-M6508-C3BX	1	Opp	120					Included	Cable	230	44
	TG8S-M6509-C3BX	1	Opp	125					Included	Cable	205	39
	TG8S-M6512-C3BH	1	Opp	154					Included	Cable	210	40
	TG8S-M6513-C3BH	1	Opp	175					Included	Cable	210	40
	TG8S-M6515-C3BH	1	Opp	197					Included	Cable	195	37
	TG8S-M6518-C3BH	1	Opp	233					Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	64					Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	94					Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	117					Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	155					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	58					Included	Power	300	57
	CS8S-M6505-E3BX		Opp	64					Included	Power	300	57
	CS8S-M6507-E3BX		Opp	94					Included	Power	300	57
	CS8S-M6509-E3BX		Opp	117					Included	Power	275	52
	CS8S-M6512-E3BX		Opp	155					Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	2, 4	Opp	36		36			Included	Lever	200	38
	RL8S-M6505-L3BX	4	Opp	73		73			Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX	3	Opp	72					Included	Lever	450	85
	828S-M6510-L3CX	3	Opp	95					Included	Lever	410	78
	828S-M6513-L3CX	3	Opp	127					Included	Lever	375	71
	828S-M6519-L3CX	3	Opp	168				23M80190	20MK8817	Lever	300	57
1 FWD. 1 REV.												

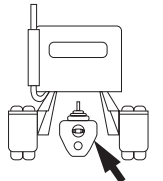



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Interference with 82 and 83 Series and spring shackle on CH Series chassis with set-back front axle and Mack engine.
- 4 Do not use for continuous duty applications.

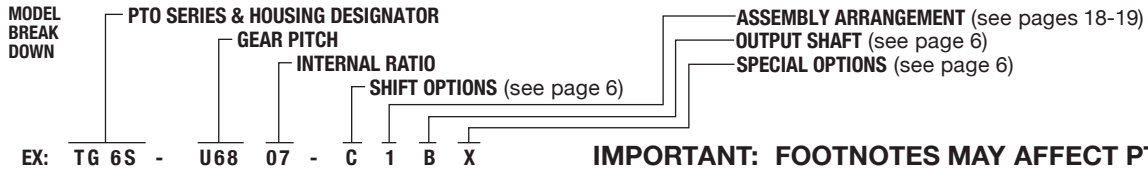
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 49T 6.48P 17.5° PA Spur LOCATION: Front PLMF: 1.055 PLV: 1480 FPM RPM: 730	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	3	Opp	50				23M60062S	Included	Cable	285	54
	TG6S-M6505-C1BX	3	Opp	65				23M60062S	Included	Cable	270	51
	TG6S-M6506-C1BX	3	Opp	84				23M60062S	Included	Cable	245	47
	TG6S-M6507-C1BX	3	Opp	99				23M60062S	Included	Cable	230	44
	TG6S-M6508-C1BX	3	Opp	122				23M60062S	Included	Cable	230	44
	TG6S-M6509-C1BX	3	Opp	127				23M60062S	Included	Cable	205	39
	TG6S-M6512-C1BH	3	Opp	156				23M60062S	Included	Cable	210	40
	TG6S-M6513-C1BH	3	Opp	178				23M60062S	Included	Cable	210	40
	TG6S-M6515-C1BH	3	Opp	200				23M60062S	Included	Cable	195	37
	TG6S-M6518-C1BH	3	Opp	237				23M60062S	Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	65				23M60062S	Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	95				23M60062S	Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	119				23M60062S	Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	158				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	59				23M60062S	Included	Power	300	57
	CS6S-M6505-E1BX		Opp	69				23M60062S	Included	Power	300	57
	CS6S-M6507-E1BX		Opp	95				23M60062S	Included	Power	300	57
	CS6S-M6509-E1BX		Opp	119				23M60062S	Included	Power	275	52
	CS6S-M6512-E1BX		Opp	158				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	4, 6	Opp	37		37		23M60240S	20MK6603	Lever	200	38
	RL6D-M6505-L3BX	6	Opp	75		75		23M60240S	20MK6603	Lever	200	38

ADAPTER TO CHANGE ROTATION 40TM6500 + 23M61500 + 23M60450 + 20MK6631 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .233, 1st - .370, 2nd - .507, 3rd - .712, 4th - 1.00. Rotation of output shaft will be reversed by placing main transmission in reverse, use multiplier (.109), (T2130B and T2180B - .245).
- Speed shown is with splitter in Lo Range. For high range multiply final ratio x 1.18.
- TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
	T2130, T2130B, T2180, T2180B (This Page is for Rear Box Openings) Footnote (1, 2, 5)			SAE 8-BOLT OPENING		
				PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	3	Opp	50				23M80062	Included	Cable	285	54
	TG8S-M6505-C3BX	3	Opp	65				23M80062	Included	Cable	270	51
	TG8S-M6506-C3BX	3	Opp	84				23M80062	Included	Cable	245	47
	TG8S-M6507-C3BX	3	Opp	99				23M80062	Included	Cable	230	44
	TG8S-M6508-C3BX	3	Opp	122				23M80062	Included	Cable	230	44
	TG8S-M6509-C3BX	3	Opp	127				23M80062	Included	Cable	205	39
	TG8S-M6512-C3BH	3	Opp	156				23M80062	Included	Cable	210	40
	TG8S-M6513-C3BH	3	Opp	178				23M80062	Included	Cable	210	40
	TG8S-M6515-C3BH	3	Opp	200				23M80062	Included	Cable	195	37
	TG8S-M6518-C3BH	3	Opp	237				23M80062	Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	65				23M80062	Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	95				23M80062	Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	119				23M80062	Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	158				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	59				23M80062	Included	Power	300	57
	CS8S-M6505-E3BX		Opp	69				23M80062	Included	Power	300	57
	CS8S-M6507-E3BX		Opp	95				23M80062	Included	Power	300	57
	CS8S-M6509-E3BX		Opp	119				23M80062	Included	Power	275	52
	CS8S-M6512-E3BX		Opp	158				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	4, 6	Opp	37		37		23M80062	Included	Lever	200	38
	RL8S-M6505-L3BX	6	Opp	75		75		23M80062	Included	Lever	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX		Opp	73				23M80062	Included	Lever	450	85
	828S-M6510-L3CX		Opp	97				23M80062	Included	Lever	410	78
	828S-M6513-L3CX		Opp	129				23M80062	Included	Lever	375	71
	828S-M6519-L3CX		Opp	170				23M80248	20MK8814	Lever	300	57
1 FWD. 1 REV.												

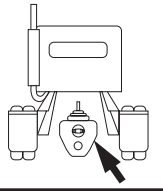



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

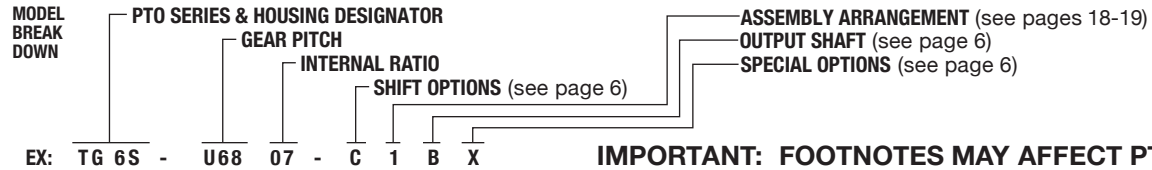
FOOTNOTES:

- Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .233, 1st - .370, 2nd - .507, 3rd - .712, 4th - 1.00. Rotation of output shaft will be reversed by placing main transmission in reverse, use multiplier (.109), (T2130B and T2180B - .245).
- Speed shown is with splitter in Lo Range. For high range multiply final ratio x 1.18.
- TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T2060C, T2070C, T2070D, T2080C, T2080D (Front Box)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 6P 20° Spur	PLMF: 1.252			
								LOCATION: Front	RPM: 837			
								PLV: 1753 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6804-C1BX	1	Opp	56					Included	Cable	285	54
	TG6D-S6805-C1BX	1	Opp	73					Included	Cable	270	51
	TG6D-S6806-C1BX	1	Opp	94					Included	Cable	245	47
	TG6D-S6807-C1BX	1	Opp	111					Included	Cable	230	44
	TG6D-S6808-C1BX	1	Opp	136					Included	Cable	230	44
	TG6D-S6809-C1BX	1	Opp	142					Included	Cable	205	39
	TG6D-S6812-C1BH	1	Opp	174					Included	Cable	210	40
	TG6D-S6813-C1BH	1	Opp	199					Included	Cable	210	40
	TG6D-S6815-C1BH	1	Opp	223					Included	Cable	195	37
	TG6D-S6818-C1BH	1	Opp	266					Included	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Crnk	79			40TU6800	23M61500 + 23M60270	20MK6629	Elec/Air	400	76
	SH6D-S6807-E1BX		Opp	107					Included	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	133					Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	177					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Crnk	79			40TU6800	23M61500 + 23M60270	20MK6629	Power	300	57
	CS6D-S6807-E1BX		Opp	107					Included	Power	300	57
	CS6D-S6809-E1BX		Opp	133					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3	Opp	45		45			Included	Lever	200	38
	RL6D-U6805-L3BX	3	Opp	91		91			Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6800 + 23M61500+ 23M60270 + 20MK6629					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

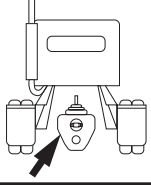



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

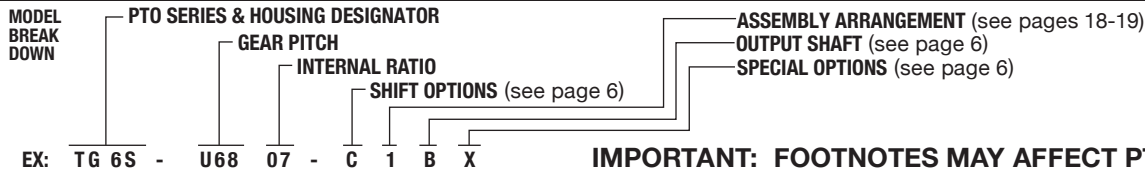
FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series to TG6S-U68 input gear. 23M60200S + 20MK6631 required for RL on PTO side of adapter.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T2060C, T2070C, T2070D, T2080C, T2080D (Front Box)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			48T 6P 20° Spur			PLMF: .977						
			LOCATION: Front			RPM: 837						
			PLV: 1753 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8D-S6804-C3BX	1	Opp	56					Included	Cable	285	54
	TG8D-S6805-C3BX	1	Opp	73					Included	Cable	270	51
	TG8D-S6806-C3BX	1	Opp	94					Included	Cable	245	47
	TG8D-S6807-C3BX	1	Opp	111					Included	Cable	230	44
	TG8D-S6808-C3BX	1	Opp	136					Included	Cable	230	44
	TG8D-S6809-C3BX	1	Opp	142					Included	Cable	205	39
	TG8D-S6812-C3BH	1	Opp	174					Included	Cable	210	40
	TG8D-S6813-C3BH	1	Opp	199					Included	Cable	210	40
	TG8D-S6815-C3BH	1	Opp	223					Included	Cable	195	37
	TG8D-S6818-C3BH	1	Opp	266					Included	Cable	175	33
SH SERIES	SH6S-U6005-E3BX		Crnk	79			40TU6886-1	23M80375	20MK8817	Elec/Air	400	76
	SH8D-S6807-E3BX		Opp	107					Included	Elec/Air	400	76
	SH8D-S6809-E3BX		Opp	133					Included	Elec/Air	375	71
	SH8D-S6812-E3BX		Opp	177					Included	Elec/Air	325	62
	SH8D-S6813-E3BX		Opp	205					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E3BX		Crnk	79			40TU6886-1	23M80375	20MK8817	Power	300	57
	CS8D-S6807-E3BX		Opp	107					Included	Power	300	57
	CS8D-S6809-E3BX		Opp	133					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3	Opp	45		45	29MK8248		Included	Lever	200	38
	RL6D-U6805-L3BX	3	Opp	91		91	29MK8248		Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80375 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

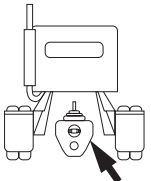



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

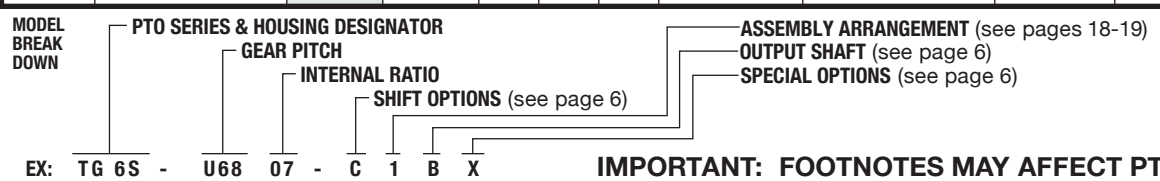
FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series and SH Series to 6-bolt PTO housing (TG6S, CS6S, and SH6S respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		T2060A, T306G Footnote (4)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 40T 6.56P 20° PA Spur LOCATION: Front PLMF: 2.203 PLV: 1.065 FPM RPM: 667				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6804-C2BX	1, 2, 3	Crnk	34			40TM6616-1		Included	Cable	285	54
	TG6D-S6805-C2BX	1, 2, 3	Crnk	44			40TM6616-1		Included	Cable	270	51
	TG6D-S6806-C2BX	1, 2, 3	Crnk	58			40TM6616-1		Included	Cable	245	47
	TG6D-S6807-C2BX	1, 2, 3	Crnk	68			40TM6616-1		Included	Cable	230	44
	TG6D-S6808-C2BX	1, 2, 3	Crnk	84			40TM6616-1		Included	Cable	230	44
	TG6D-S6809-C2BX	1, 2, 3	Crnk	87			40TM6616-1		Included	Cable	205	39
TG6D-S6812-C2BH	1, 2, 3	Crnk	107			40TM6616-1		Included	Cable	210	40	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	2, 5	Crnk	56		56	40TM6616-1		Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

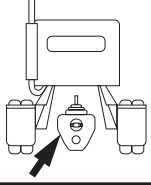

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



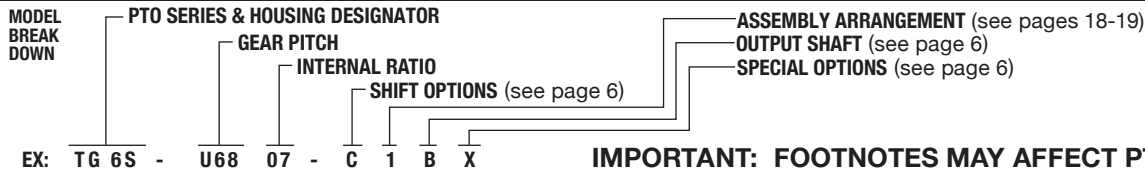
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
 - 2 23M60165S Included for mount of adapter to transmission.
 - 3 Support all direct mounted pumps with adequate bracket.
 - 4 Gear interference on PTO ratios higher than the 12 ratio.
 - 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		T2060A, T306G Footnote (4)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 40T 6.56P 20° PA Spur LOCATION: Front PLMF: 1.934 PLV: 1,065 FPM RPM: 667				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C4BX	1, 3, 6	Crnk	38			40TM6628-2		Included	Cable	285	54
	TG8S-U6805-C4BX	1, 3, 6	Crnk	49			40TM6628-2		Included	Cable	270	51
	TG8S-U6806-C4BX	1, 3, 6	Crnk	64			40TM6628-2		Included	Cable	245	47
	TG8S-U6807-C4BX	1, 3, 6	Crnk	75			40TM6628-2		Included	Cable	230	44
	TG8S-U6808-C4BX	1, 3, 6	Crnk	92			40TM6628-2		Included	Cable	230	44
	TG8S-U6809-C4BX	1, 3, 6	Crnk	96			40TM6628-2		Included	Cable	205	39
	TG8D-S6812-C4BH	3, 5	Crnk	109			40TM6628-2	23M80190	20MK8808	Cable	210	40
	TG8D-S6813-C4BH	3, 5	Crnk	123			40TM6628-2	23M80190	20MK8808	Cable	210	40
	TG8D-S6815-C4BH	3, 5	Crnk	140			40TM6628-2	23M80190	20MK8808	Cable	195	37
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-U6805-L2BX	7	Crnk	57		57	40TM6628-2		Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L4CX	3	Crnk	35			40TM6628-2		Included	Lever	500	95
	828S-U6808-L4CX	3	Crnk	55			40TM6628-2		Included	Lever	450	85
	828S-U6809-L4CX	3	Crnk	72			40TM6628-2		Included	Lever	410	78
	828S-U6810-L4CX	3	Crnk	74			40TM6628-2		Included	Lever	410	78
	828S-U6812-L4CX	3	Crnk	90			40TM6628-2		Included	Lever	375	71
	828S-U6819-L4CX	3	Crnk	132			40TM6628-2	23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

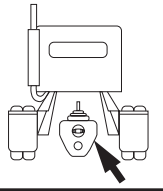



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

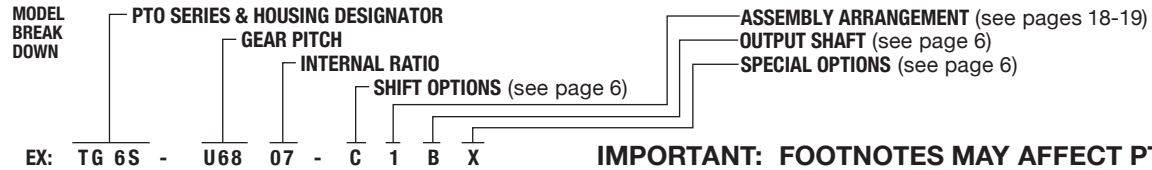
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RG Series requires 29MK8460 adapter plate.
- 3 Support all direct mounted pumps with adequate bracket.
- 4 Gear interference on TG ratios higher than 15, and on the 828S-U6813 & 838S-U6812.
- 5 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 6 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 7 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T2110B (REAR BOX) Footnote (1, 4)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur	PLMF: 1.055			
								LOCATION: Front	RPM: 612			
								PLV: 1308 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	2	Opp	42				23M60062S	Included	Cable	285	54
	TG6S-M6505-C1BX	2	Opp	54				23M60062S	Included	Cable	270	51
	TG6S-M6506-C1BX	2	Opp	70				23M60062S	Included	Cable	245	47
	TG6S-M6507-C1BX	2	Opp	83				23M60062S	Included	Cable	230	44
	TG6S-M6508-C1BX	2	Opp	102				23M60062S	Included	Cable	230	44
	TG6S-M6509-C1BX	2	Opp	106				23M60062S	Included	Cable	205	39
	TG6S-M6512-C1BH	2	Opp	130				23M60062S	Included	Cable	210	40
	TG6S-M6513-C1BH	2	Opp	148				23M60062S	Included	Cable	210	40
	TG6S-M6515-C1BH	2	Opp	167				23M60062S	Included	Cable	195	37
TG6S-M6518-C1BH	2	Opp	198				23M60062S	Included	Cable	175	33	
SH SERIES	SH6S-M6505-E1BX		Opp	54				23M60062S	Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	81				23M60062S	Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	100				23M60062S	Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	133				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	51				23M60062S	Included	Power	300	57
	CS6S-M6505-E1BX		Opp	54				23M60062S	Included	Power	300	57
	CS6S-M6507-E1BX		Opp	81				23M60062S	Included	Power	300	57
	CS6S-M6509-E1BX		Opp	100				23M60062S	Included	Power	275	52
	CS6S-M6512-E1BX		Opp	133				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	3, 5	Opp	30		30		23M60240S	20MK6603	Lever	200	38
	RL6D-M6505-L1BX	5	Opp	62		62		23M60240S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

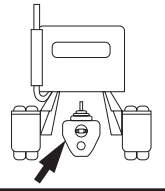



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .26, 1st - .45, 2nd - .59, 3rd - .77, 4th - 1.00, 5th - 1.30. The neutral select is a covered switch located on the dash, and is needed for stationary operation.
- TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		T2110B (REAR BOX) Footnote (1, 4)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 6P 20° PA Spur LOCATION: Front PLMF: .667 PLV: 1308 FPM RPM: 612				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	2	Opp	42				23M80062	Included	Cable	285	54
	TG8S-M6505-C3BX	2	Opp	54				23M80062	Included	Cable	270	51
	TG8S-M6506-C3BX	2	Opp	70				23M80062	Included	Cable	245	47
	TG8S-M6507-C3BX	2	Opp	83				23M80062	Included	Cable	230	44
	TG8S-M6508-C3BX	2	Opp	102				23M80062	Included	Cable	230	44
	TG8S-M6509-C3BX	2	Opp	106				23M80062	Included	Cable	205	39
	TG8S-M6512-C3BH	2	Opp	130				23M80062	Included	Cable	210	40
	TG8S-M6513-C3BH	2	Opp	148				23M80062	Included	Cable	210	40
	TG8S-M6515-C3BH	2	Opp	167				23M80062	Included	Cable	195	37
	TG8S-M6518-C3BH	2	Opp	198				23M80062	Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	54				23M80062	Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	81				23M80062	Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	100				23M80062	Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	133				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	51				23M80062	Included	Power	300	57
	CS8S-M6505-E3BX		Opp	54				23M80062	Included	Power	300	57
	CS8S-M6507-E3BX		Opp	81				23M80062	Included	Power	300	57
	CS8S-M6509-E3BX		Opp	100				23M80062	Included	Power	275	52
	CS8S-M6512-E3BX		Opp	133				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	3, 5	Opp	30		30		23M80062	Included	Lever	200	38
	RL8S-M6505-L1BX	5	Opp	62		62		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX		Opp	72				23M80062	Included	Lever	450	85
	828S-M6510-L3CX		Opp	95				23M80062	Included	Lever	410	78
	828S-M6513-L3CX		Opp	127				23M80062	Included	Lever	375	71
	828S-M6519-L3CX		Opp	168				23M80248	20MK8814	Lever	300	57
1 FWD. 1 REV.												

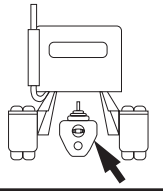



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

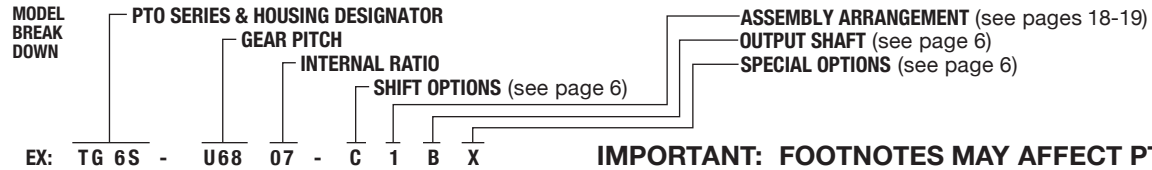
FOOTNOTES:

- Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .26, 1st - .45, 2nd - .59, 3rd - .77, 4th - 1.00, 5th - 1.30. The neutral select is a covered switch located on the dash, and is needed for stationary operation.
- TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T310M, T310MLR (This Page is for Front Box Openings)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								53T 6.45P 17.5° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1503 FPM RPM: 702				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	1	Opp	52					Included	Cable	285	54
	TG6S-M6505-C1BX	1	Opp	67					Included	Cable	270	51
	TG6S-M6506-C1BX	1	Opp	87					Included	Cable	245	47
	TG6S-M6507-C1BX	1	Opp	103					Included	Cable	230	44
	TG6S-M6508-C1BX	1	Opp	127					Included	Cable	230	44
	TG6S-M6509-C1BX	1	Opp	132					Included	Cable	205	39
	TG6S-M6512-C1BH	1	Opp	162					Included	Cable	210	40
	TG6S-M6513-C1BH	1	Opp	191					Included	Cable	210	40
	TG6S-M6515-C1BH	1	Opp	207					Included	Cable	195	37
	TG6S-M6518-C1BH	1	Opp	246					Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	68					Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	100					Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	124					Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	165					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	62					Included	Power	300	57
	CS6S-M6505-E1BX		Opp	68					Included	Power	300	57
	CS6S-M6507-E1BX		Opp	100					Included	Power	300	57
	CS6S-M6509-E1BX		Opp	124					Included	Power	275	52
	CS6S-M6512-E1BX		Opp	165					Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	2, 3	Opp	38		38		23M60200S	20MK6602	Lever	200	38
	RL6D-M6505-L3BX	3	Opp	78		78		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

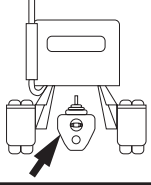



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 <p style="text-align: center;">T310M, T310MLR (This Page is for Front Box Openings)</p>								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								53T 6.45P 17.5° PA Spur				
								LOCATION: Front		PLMF: .81		
								PLV: 1503 FPM		RPM: 702		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	1	Opp	52					Included	Cable	285	54
	TG8S-M6505-C3BX	1	Opp	67					Included	Cable	270	51
	TG8S-M6506-C3BX	1	Opp	87					Included	Cable	245	47
	TG8S-M6507-C3BX	1	Opp	103					Included	Cable	230	44
	TG8S-M6508-C3BX	1	Opp	127					Included	Cable	230	44
	TG8S-M6509-C3BX	1	Opp	132					Included	Cable	205	39
	TG8S-M6512-C3BH	1	Opp	162					Included	Cable	210	40
	TG8S-M6513-C3BH	1	Opp	191					Included	Cable	210	40
	TG8S-M6515-C3BH	1	Opp	207					Included	Cable	195	37
	TG8S-M6518-C3BH	1	Opp	246					Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	68					Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	100					Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	124					Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	165					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	62					Included	Power	300	57
	CS8S-M6505-E3BX		Opp	68					Included	Power	300	57
	CS8S-M6507-E3BX		Opp	100					Included	Power	300	57
	CS8S-M6509-E3BX		Opp	124					Included	Power	275	52
	CS8S-M6512-E3BX		Opp	165					Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	2, 4	Opp	38		38			Included	Lever	200	38
	RL8S-M6505-L3BX	4	Opp	78		78			Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX	3	Opp	75					Included	Lever	450	85
	828S-M6510-L3CX	3	Opp	101					Included	Lever	410	78
	828S-M6513-L3CX	3	Opp	134					Included	Lever	375	71
	828S-M6519-L3CX	3	Opp	181				23M80190	20MK8817	Lever	300	57
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

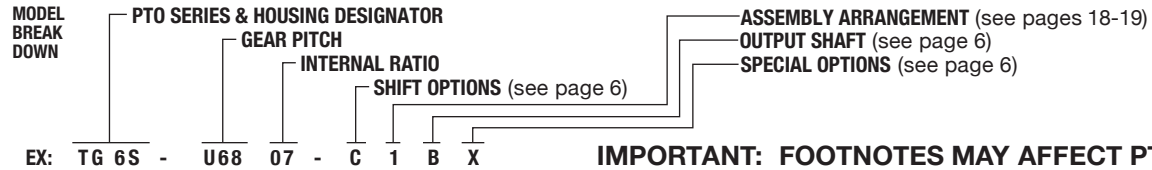
FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Interference with 82 and 83 Series and spring shackle on chassis with set-back front axle and Mack engine.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T313L², T313L21², T318L², T318L21², T313LR³, T313LR21³, T318LR³, T318LR21³ (This Page is for Rear Box Openings) Footnote (1, 2, 3, 4, 7)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur LOCATION: Front PLMF: 1.055 PLV: 1480 FPM RPM: 730				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	5	Opp	50				23M60062S	Included	Cable	285	54
	TG6S-M6505-C1BX	5	Opp	65				23M60062S	Included	Cable	270	51
	TG6S-M6506-C1BX	5	Opp	84				23M60062S	Included	Cable	245	47
	TG6S-M6507-C1BX	5	Opp	99				23M60062S	Included	Cable	230	44
	TG6S-M6508-C1BX	5	Opp	122				23M60062S	Included	Cable	230	44
	TG6S-M6509-C1BX	5	Opp	127				23M60062S	Included	Cable	205	39
	TG6S-M6512-C1BH	5	Opp	156				23M60062S	Included	Cable	210	40
	TG6S-M6513-C1BH	5	Opp	178				23M60062S	Included	Cable	210	40
	TG6S-M6515-C1BH	5	Opp	200				23M60062S	Included	Cable	195	37
	TG6S-M6518-C1BH	5	Opp	237				23M60062S	Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	65				23M60062S	Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	95				23M60062S	Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	119				23M60062S	Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	158				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	59				23M60062S	Included	Power	300	57
	CS6S-M6505-E1BX		Opp	65				23M60062S	Included	Power	300	57
	CS6S-M6507-E1BX		Opp	95				23M60062S	Included	Power	300	57
	CS6S-M6509-E1BX		Opp	119				23M60062S	Included	Power	275	52
	CS6S-M6512-E1BX		Opp	158				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	6, 8	Opp	37		37		23M60240S	20MK6603	Lever	200	38
	RL6D-M6505-L3BX	8	Opp	75		75		23M60240S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

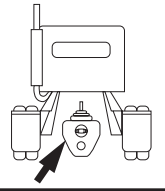



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- All Models – Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .20, 1st - .37, 2nd - .51, 3rd - .71, 4th - 1.00. Rotation of output shaft will be reversed by placing main transmission in reverse. The neutral select is a covered switch located on the dash, and is needed for stationary operation. This is an "upgraded option for PTO use. Use Main Box for PTO if option not included.
- Model # T313L, T313L21, T318L, T318L21 use .20 for reverse.
- Model # T313LR, T313LR21, T318LR, T318LR21 use multiplier .11 for reverse.
- Speed shown is with splitter in Lo Range. For high range multiply final ratio (from note 1) x 1.18.
- TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T313L², T313L21², T318L², T318L21², T313LR³, T313LR21³, T318LR³, T318LR21³ (This Page is for Rear Box Openings) Footnote (1, 2, 3, 4, 7)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur	PLMF: .667			
								LOCATION: Front	RPM: 730			
								PLV: 1480 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	5	Opp	50				23M80062	Included	Cable	285	54
	TG8S-M6505-C3BX	5	Opp	65				23M80062	Included	Cable	270	51
	TG8S-M6506-C3BX	5	Opp	84				23M80062	Included	Cable	245	47
	TG8S-M6507-C3BX	5	Opp	99				23M80062	Included	Cable	230	44
	TG8S-M6508-C3BX	5	Opp	122				23M80062	Included	Cable	230	44
	TG8S-M6509-C3BX	5	Opp	127				23M80062	Included	Cable	205	39
	TG8S-M6512-C3BH	5	Opp	156				23M80062	Included	Cable	210	40
	TG8S-M6513-C3BH	5	Opp	178				23M80062	Included	Cable	210	40
	TG8S-M6515-C3BH	5	Opp	200				23M80062	Included	Cable	195	37
	TG8S-M6518-C3BH	5	Opp	237				23M80062	Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	65				23M80062	Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	95				23M80062	Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	119				23M80062	Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	158				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	59				23M80062	Included	Power	300	57
	CS8S-M6505-E3BX		Opp	65				23M80062	Included	Power	300	57
	CS8S-M6507-E3BX		Opp	95				23M80062	Included	Power	300	57
	CS8S-M6509-E3BX		Opp	119				23M80062	Included	Power	275	52
	CS8S-M6512-E3BX		Opp	158				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX RL8S-M6505-L3BX	6, 8 8	Opp Opp	37 75		37 75		23M80062 23M80062	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX		Opp	73				23M80062	Included	Lever	450	85
	828S-M6510-L3CX		Opp	97				23M80062	Included	Lever	410	78
	828S-M6513-L3CX		Opp	129				23M80062	Included	Lever	375	71
	828S-M6519-L3CX		Opp	170				23M80248	20MK8814	Lever	300	57
1 FWD. 1 REV.												

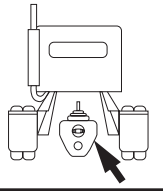



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

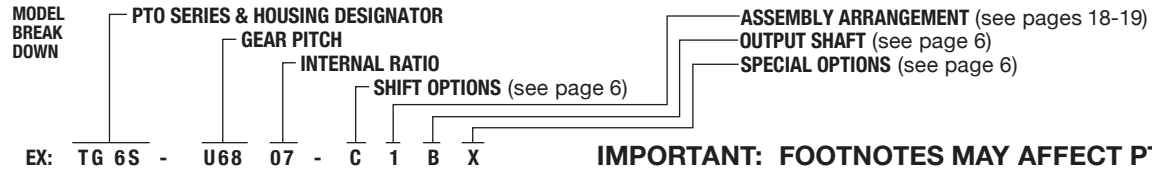
FOOTNOTES:

- All Models – Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .20, 1st - .37, 2nd - .51, 3rd - .71, 4th - 1.00. Rotation of output shaft will be reversed by placing main transmission in reverse. The neutral select is a covered switch located on the dash, and is needed for stationary operation. This is an "upgraded option for PTO use. Use Main Box for PTO if option not included.
- Model # T313L, T313L21, T318L, T318L21 use .20 for reverse.
- Model # T313LR, T313LR21, T318LR, T318LR21 use multiplier .11 for reverse.
- Speed shown is with splitter in Lo Range. For high range multiply final ratio (from note 1) x 1.18.
- TG Series Input Gear: #03T34597 – Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	T310M¹, T310MLR² (This Page is for Rear Box Openings) Footnote (3, 6)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur	PLMF: 1.055			
								LOCATION: Front	RPM: 612			
								PLV: 1308 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	4	Opp	42				23M60062S	Included	Cable	285	54
	TG6S-M6505-C1BX	4	Opp	54				23M60062S	Included	Cable	270	51
	TG6S-M6506-C1BX	4	Opp	70				23M60062S	Included	Cable	245	47
	TG6S-M6507-C1BX	4	Opp	83				23M60062S	Included	Cable	230	44
	TG6S-M6508-C1BX	4	Opp	102				23M60062S	Included	Cable	230	44
	TG6S-M6509-C1BX	4	Opp	106				23M60062S	Included	Cable	205	39
	TG6S-M6512-C1BH	4	Opp	130				23M60062S	Included	Cable	210	40
	TG6S-M6513-C1BH	4	Opp	148				23M60062S	Included	Cable	210	40
	TG6S-M6515-C1BH	4	Opp	167				23M60062S	Included	Cable	195	37
	TG6S-M6518-C1BH	4	Opp	198				23M60062S	Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	54				23M60062S	Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	81				23M60062S	Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	100				23M60062S	Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	133				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	51				23M60062S	Included	Power	300	57
	CS6S-M6505-E1BX		Opp	54				23M60062S	Included	Power	300	57
	CS6S-M6507-E1BX		Opp	81				23M60062S	Included	Power	300	57
	CS6S-M6509-E1BX		Opp	100				23M60062S	Included	Power	275	52
	CS6S-M6512-E1BX		Opp	133				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	6, 7	Opp	30		30		23M60240S	20MK6603	Lever	200	38
	RL6D-M6505-L3BX	7	Opp	62		62		23M60240S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

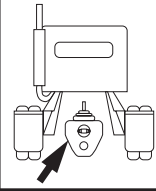

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



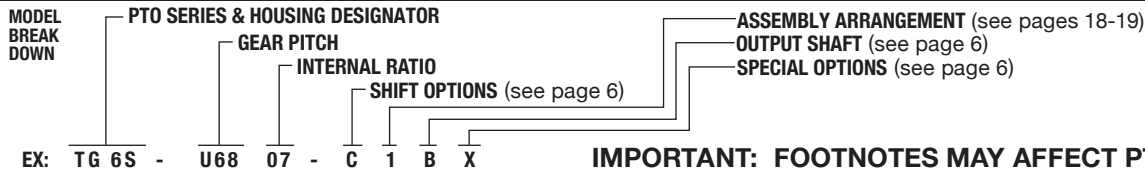
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- T310M – Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .22, 1st - .34, 2nd - .52, 3rd - .72, 4th - 1.00, 5th - 1.38. Rotation of PTO output is reversed when transmission selector is in reverse. Multiply speeds by .88.
 - T310MLR – Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .14, 1st - .28, 2nd - .52, 3rd - .72, 4th - 1.00, 5th - 1.40. Rotation of PTO output is reversed when transmission selector is in reverse. Multiply speeds by .88.
 - The neutral select is a covered switch located on the dash, and is needed for stationary operation. This is an “upgraded option for PTO use. Use Main Box for PTO if option not included.
 - TG Series Input Gear: #03T34597 – Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box.
 - Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
 - Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T310M¹, T310MLR² (This Page is for Rear Box Openings) Footnote (3, 6)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6.48P 17.5° PA Spur	PLMF: .667			
								LOCATION: Front	RPM: 612			
								PLV: 1308 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	4	Opp	42				23M80062	Included	Cable	285	54
	TG8S-M6505-C3BX	4	Opp	54				23M80062	Included	Cable	270	51
	TG8S-M6506-C3BX	4	Opp	70				23M80062	Included	Cable	245	47
	TG8S-M6507-C3BX	4	Opp	83				23M80062	Included	Cable	230	44
	TG8S-M6508-C3BX	4	Opp	102				23M80062	Included	Cable	230	44
	TG8S-M6509-C3BX	4	Opp	106				23M80062	Included	Cable	205	39
	TG8S-M6512-C3BH	4	Opp	130				23M80062	Included	Cable	210	40
	TG8S-M6513-C3BH	4	Opp	148				23M80062	Included	Cable	210	40
	TG8S-M6515-C3BH	4	Opp	167				23M80062	Included	Cable	195	37
TG8S-M6518-C3BH	4	Opp	198				23M80062	Included	Cable	175	33	
SH SERIES	SH8S-M6505-E3BX		Opp	54				23M80062	Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	81				23M80062	Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	100				23M80062	Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	133				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	51				23M80062	Included	Power	300	57
	CS8S-M6505-E3BX		Opp	54				23M80062	Included	Power	300	57
	CS8S-M6507-E3BX		Opp	81				23M80062	Included	Power	300	57
	CS8S-M6509-E3BX		Opp	100				23M80062	Included	Power	275	52
	CS8S-M6512-E3BX		Opp	133				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	6, 7	Opp	30		30		23M80062	Included	Lever	200	38
	RL8S-M6505-L3BX	7	Opp	62		62		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX		Opp	72				23M80062	Included	Lever	450	85
	828S-M6510-L3CX		Opp	95				23M80062	Included	Lever	410	78
	828S-M6513-L3CX		Opp	127				23M80062	Included	Lever	375	71
	828S-M6519-L3CX		Opp	168				23M80248	20MK8814	Lever	300	57
1 FWD. 1 REV.												

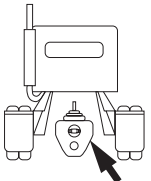



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- T310M – Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .22, 1st - .34, 2nd - .52, 3rd - .72, 4th - 1.00, 5th - 1.38. Rotation of PTO output is reversed when transmission selector is in reverse. Multiply speeds by .88.
- T310MLR – Speed shown is with transmission in 4th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for Lo gear - .14, 1st - .28, 2nd - .52, 3rd - .72, 4th - 1.00, 5th - 1.40. Rotation of PTO output is reversed when transmission selector is in reverse. Multiply speeds by .88.
- The neutral select is a covered switch located on the dash, and is needed for stationary operation. This is an “upgraded option for PTO use. Use Main Box for PTO if option not included.
- TG Series Input Gear: #03T34597 – Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box.
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TM308, TM309 Footnote (2, 3)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 54T 6.48P 17.5° PA Spur LOCATION: Rear PLMF: 1.055 PLV: 1527 FPM RPM: 702				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C2BX	1	Opp	52					Included	Cable	171	32
	TG6S-M6505-C2BX	1	Opp	68					Included	Cable	162	31
	TG6S-M6506-C2BX	1	Opp	89					Included	Cable	147	28
	TG6S-M6507-C2BX	1	Opp	106					Included	Cable	138	26
	TG6S-M6508-C2BX	1	Opp	129					Included	Cable	138	26
	TG6S-M6509-C2BX	1	Opp	135					Included	Cable	123	23
	TG6S-M6512-C2BH	1	Opp	166					Included	Cable	126	24
SH SERIES												
CLUTCH SHIFT	CS6S-U6005-E1BX		Crnk	58			40TM6568-2	23M60032S	Included	Power	162	31
	CS6S-U6807-E1BX		Crnk	86			40TM6568-2	23M60032S	Included	Power	138	26
1 FWD. 1 REV.	RL6D-M6505-L2BX	4	Opp	79		79		23M60200S	20MK6602	Lever	120	23
ADAPTER TO CHANGE ROTATION		2	40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

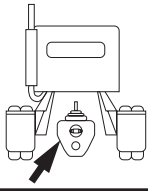



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

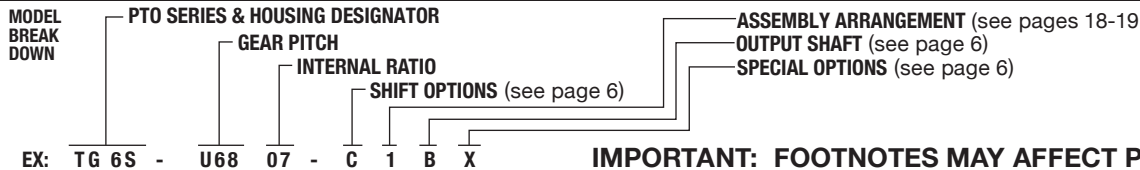
FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 Possible interference with spring hanger.
- 3 PTO output torque ratings are lowered due to non-standard transmission gear location.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		TM308, TM309 Footnote (2, 3)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6.48P 17.5° PA Spur LOCATION: Rear PLMF: 1.055 PLV: 1527 FPM RPM: 702				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C4BX	1	Opp	52					Included	Cable	171	32
	TG8S-M6505-C4BX	1	Opp	68					Included	Cable	162	31
	TG8S-M6506-C4BX	1	Opp	89					Included	Cable	147	28
	TG8S-M6507-C4BX	1	Opp	106					Included	Cable	138	26
	TG8S-M6508-C4BX	1	Opp	129					Included	Cable	138	26
	TG8S-M6509-C4BX	1	Opp	135					Included	Cable	123	23
	TG8S-M6512-C4BH	1	Opp	166					Included	Cable	126	24
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-M6505-L2BX	4	Opp	79		79			Included	Lever	120	23
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

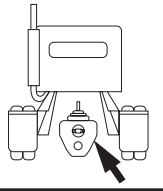



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

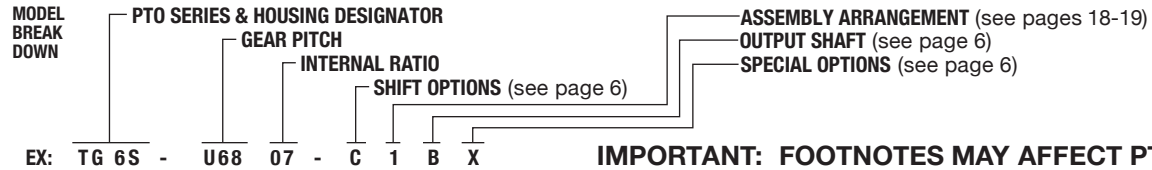
FOOTNOTES:

- 1 TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- 2 82 and 83 Series are not recommended for this transmission due to non-standard transmission gear location.
- 3 PTO output torque ratings are lowered due to non-standard transmission gear location.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TM308M, TM309M (Rear Box) Footnote (1, 4, 6)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 49T 6.48P 17.5° PA Spur LOCATION: Front PLMF: 1.055 PLV: 1308 FPM RPM: 612				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M6504-C1BX	2	Opp	42				23M60062S	Included	Cable	285	54
	TG6S-M6505-C1BX	2	Opp	54				23M60062S	Included	Cable	270	51
	TG6S-M6506-C1BX	2	Opp	70				23M60062S	Included	Cable	245	47
	TG6S-M6507-C1BX	2	Opp	83				23M60062S	Included	Cable	230	44
	TG6S-M6508-C1BX	2	Opp	102				23M60062S	Included	Cable	230	44
	TG6S-M6509-C1BX	2	Opp	106				23M60062S	Included	Cable	205	39
	TG6S-M6512-C1BH	2	Opp	130				23M60062S	Included	Cable	210	40
	TG6S-M6513-C1BH	2	Opp	148				23M60062S	Included	Cable	210	40
	TG6S-M6515-C1BH	2	Opp	167				23M60062S	Included	Cable	195	37
	TG6S-M6518-C1BH	2	Opp	198				23M60062S	Included	Cable	175	33
SH SERIES	SH6S-M6505-E1BX		Opp	54				23M60062S	Included	Elec/Air	400	76
	SH6S-M6507-E1BX		Opp	81				23M60062S	Included	Elec/Air	400	76
	SH6S-M6509-E1BX		Opp	100				23M60062S	Included	Elec/Air	375	71
	SH6S-M6512-E1BX		Opp	133				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-M6504-E1BX		Opp	51				23M60062S	Included	Power	300	57
	CS6S-M6505-E1BX		Opp	54				23M60062S	Included	Power	300	57
	CS6S-M6507-E1BX		Opp	81				23M60062S	Included	Power	300	57
	CS6S-M6509-E1BX		Opp	100				23M60062S	Included	Power	275	52
	CS6S-M6512-E1BX		Opp	133				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-M6503-L3BX	3, 5	Opp	30		30		23M60240S	20MK6603	Lever	200	38
	RL6D-M6505-L3BX	5	Opp	62		62		23M60240S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TM6500 + 23M61500 + 23M60450 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

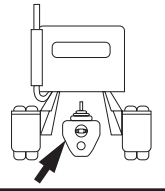

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st - .15, 2nd - .25, 3rd - .39, 4th - .63, 5th - 1.00, 6th - 1.40. Rotation of output shaft will be reversed by placing main transmission in reverse, increase PTO speed by multiplier (1.14).
 - TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gear box ("03" Ratio).
 - Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
 - Do not use for continuous duty applications.
 - The neutral select is a covered switch located on the dash and is needed for stationary operation.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MACK TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		TM308M, TM309M (Rear Box) Footnote (1, 4, 6)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 49T 6.48P 17.5° PA Spur LOCATION: Front PLMF: .667 PLV: 1308 FPM RPM: 612				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-M6504-C3BX	2	Opp	42				23M80062	Included	Cable	285	54
	TG8S-M6505-C3BX	2	Opp	54				23M80062	Included	Cable	270	51
	TG8S-M6506-C3BX	2	Opp	70				23M80062	Included	Cable	245	47
	TG8S-M6507-C3BX	2	Opp	83				23M80062	Included	Cable	230	44
	TG8S-M6508-C3BX	2	Opp	102				23M80062	Included	Cable	230	44
	TG8S-M6509-C3BX	2	Opp	106				23M80062	Included	Cable	205	39
	TG8S-M6512-C3BH	2	Opp	130				23M80062	Included	Cable	210	40
	TG8S-M6513-C3BH	2	Opp	148				23M80062	Included	Cable	210	40
	TG8S-M6515-C3BH	2	Opp	167				23M80062	Included	Cable	195	37
	TG8S-M6518-C3BH	2	Opp	198				23M80062	Included	Cable	175	33
SH SERIES	SH8S-M6505-E3BX		Opp	54				23M80062	Included	Elec/Air	400	76
	SH8S-M6507-E3BX		Opp	81				23M80062	Included	Elec/Air	400	76
	SH8S-M6509-E3BX		Opp	100				23M80062	Included	Elec/Air	375	71
	SH8S-M6512-E3BX		Opp	133				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-M6504-E3BX		Opp	51				23M80062	Included	Power	300	57
	CS8S-M6505-E3BX		Opp	54				23M80062	Included	Power	300	57
	CS8S-M6507-E3BX		Opp	81				23M80062	Included	Power	300	57
	CS8S-M6509-E3BX		Opp	100				23M80062	Included	Power	275	52
	CS8S-M6512-E3BX		Opp	133				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-M6503-L3BX	3, 5	Opp	30		30		23M80062	Included	Lever	200	38
	RL8S-M6505-L3BX	5	Opp	62		62		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-M6508-L3CX		Opp	72				23M80062	Included	Lever	450	85
	828S-M6510-L3CX		Opp	95				23M80062	Included	Lever	410	78
	828S-M6513-L3CX		Opp	127				23M80062	Included	Lever	375	71
	828S-M6519-L3CX		Opp	168				23M80248	20MK8814	Lever	300	57
1 FWD. 1 REV.												

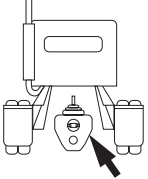



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speed shown is with transmission in 5th gear. To calculate engine % with selector in other gears, multiply speed shown by the following: for 1st - .15, 2nd - .25, 3rd - .39, 4th - .63, 5th - 1.00, 6th - 1.40. Rotation of output shaft will be reversed by placing main transmission in reverse, increase PTO speed by multiplier (1.14).
- TG Series Input Gear: #03T34597 — Refer to kit program on pages 10 & 11.
- RL Series with combined reduction gear box ("03" Ratio).
- Mack supplied transmission oil pump should not be installed on this opening. Forward opening should be used for oil pump.
- Do not use for continuous duty applications.
- The neutral select is a covered switch located on the dash and is needed for stationary operation.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDS TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		MBT520-6DA MBT520S-6D Footnote (3, 4)						SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 45T 8.04P 17.5° PA 26.97D R.H. LOCATION: Rear PLMF: 1.34 PLV: 745 FPM RPM: 453				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-M8007-C2BX	1, 2	Opp	47					Included	Cable	230	44
	TG6N-M8008-C2BX	1, 2	Opp	58					Included	Cable	230	44
	TG6N-M8009-C2BX	1, 2	Opp	60					Included	Cable	205	39
	TG6N-M8012-C2BH	1, 2	Opp	74					Included	Cable	210	40
	TG6N-M8013-C2BH	1, 2	Opp	88					Included	Cable	210	40
	TG6N-M8015-C2BH	1, 2	Opp	95					Included	Cable	195	37
	TG6N-M8018-C2BH	1, 2	Opp	113					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

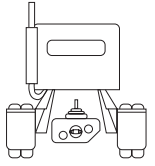



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T38530 — Refer to kit program on pages 10 & 11.
- 2 Metric Stud 20MKM602 supplied.
- 3 MBT520-6DA automated transmission requires an Air Shift PTO. "P" option is suggested and order airline 45M44430 separately. Connection to OEM supplied manifold value is required for correct PTO operation.
- 4 Transmission controller for automated transmission must be supplied programmed for PTO use. Check with vehicle dealer before ordering PTO.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MBT520-6DA MBT520S-6D						NO OPENING				
PTO DRIVE GEAR DATA:		LOCATION:		PLMF:		RPM:						
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

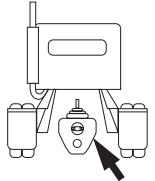

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDS TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
 MBT660-60A, MBT660S-60 Footnote (4, 5)							SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:							53T 8.38P 17.5° PA 24.97D R.H.
LOCATION: Rear							PLMF: 1.09		PLV: 1136 FPM		RPM: 622	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-M8307-C2BX	1, 2	Opp	79					Included	Cable	230	44
	TG6B-M8308-C2BX	1, 2	Opp	97					Included	Cable	230	44
	TG6B-M8309-C2BX	1, 2	Opp	101					Included	Cable	205	39
	TG6B-M8312-C2BH	1, 2	Opp	124					Included	Cable	210	40
	TG6B-M8313-C2BH	1, 2	Opp	146					Included	Cable	210	40
	TG6B-M8315-C2BH	1, 2	Opp	159					Included	Cable	195	37
	TG6B-M8318-C2BH	1, 2	Opp	189					Included	Cable	175	37
	RS4S-P86MM-A1CX	3	Crnk	81					Included	Air	220	42
SH SERIES												
CLUTCH SHIFT	CS6B-M8307-E2BX	2	Opp	70					Included	Power	300	57
	CS6B-M8309-E2BX	2	Opp	95					Included	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION							REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

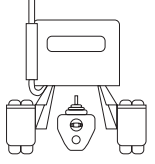

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T38531 — Refer to kit program on pages 10 & 11.
 - 2 Metric Stud Kit 20MKM602 supplied (20TK4360 for CS Series).
 - 3 Rear mount PTO, passenger side - output shaft, 1310 Series, for driveshaft drive only.
 - 4 MBT660-60A automated transmission requires an Air Shift PTO. "P" option is suggested and order airline 45M44430 separately. Connection to OEM supplied manifold valve is required for correct PTO operation.
 - 5 Transmission controller for automated transmission must be supplied programmed for PTO use. Check with vehicle dealer before ordering PTO.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	MBT660-60A, MBT660S-60							NO OPENING				
								PTO DRIVE GEAR DATA:				LOCATION: PLV:	PLMF: RPM:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

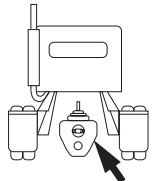

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

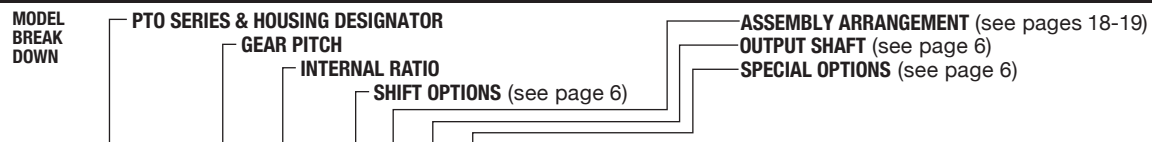
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDES TRANSMISSION	G56 DODGE RAM MANUAL Footnote (2)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING	PTO DRIVE GEAR DATA: 52T 9.41P 18° PA 26.47° R.H. LOCATION: REAR PLMF: 1.376 PLV: 910 FPM RPM: 563	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-D9407-C2BX	1	OPP	57				23M60032S	20MKM602	Cable	230	44
	TG6N-D9408-C2BX	1	OPP	70				23M60032S	20MKM602	Cable	230	44
	TG6N-D9409-C2BX	1	OPP	73				23M60032S	20MKM602	Cable	205	39
	TG6N-D9412-C2BH	1	OPP	89				23M60032S	20MKM602	Cable	210	40
	TG6N-D9413-C2BH	1	OPP	102				23M60032S	20MKM602	Cable	210	40
	TG6N-D9415-C2BH	1	OPP	115				23M60032S	20MKM602	Cable	195	37
	TG6N-D9418-C2BH	1	OPP	136				23M60032S	20MKM602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

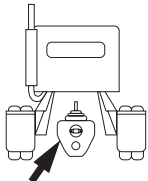



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T40079 - Refer to kit program on pages 10 & 11.
- 2 PTO interferes with exhaust on 2007 & later vehicles, use left side.
- 3 Order wire harness kit 34TK5091 (sold separately) to disable OBDII for PTO operation and to use cruise control for throttle control. Model year 2007-2012.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDES TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		G56 DODGE RAM MANUAL						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 52T 9.41P 18° PA 26.47° R.H. LOCATION: REAR PLMF: 1.376 PLV: 910 FPM RPM: 563				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-D9407-C4BX	1, 2	OPP	57				23M60032S	20MKM602	Cable	230	44
	TG6N-D9408-C4BX	1, 2	OPP	70				23M60032S	20MKM602	Cable	230	44
	TG6N-D9409-C4BX	1, 2	OPP	73				23M60032S	20MKM602	Cable	205	39
	TG6N-D9412-C4BH	1, 2	OPP	89				23M60032S	20MKM602	Cable	210	40
	TG6N-D9413-C4BH	1, 2	OPP	102				23M60032S	20MKM602	Cable	210	40
	TG6N-D9415-C4BH	1, 2	OPP	115				23M60032S	20MKM602	Cable	195	37
	TG6N-D9418-C4BH	1, 2	OPP	136				23M60032S	20MKM602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

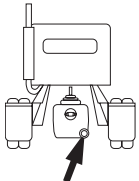



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

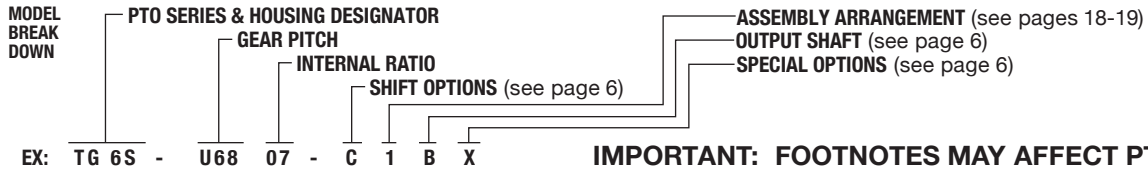
FOOTNOTES:

- 1 TG Series Input Gear: #03T40079 - Refer to kit program on pages 10 & 11.
- 2 PTO interferes with driveshaft on 4x4 chassis.
- 3 Order wire harness kit 34TK5091 (sold separately) to disable OBDII for PTO operation and to use cruise control for throttle control. Model year 2007-2012.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDS TRANSMISSION								REAR ONLY (LEFT SIDE TURN PAGE)				
		G60-6, G85-6 ⁽²⁾						METRIC OPENING				
								PTO DRIVE GEAR DATA:				LOCATION: PLV:	PLMF: RPM:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS6S-P86MI-A1CX	1	Crnk	81					199K4280000	Air	258	49
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

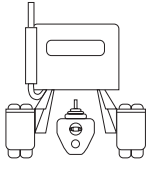



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Rear Opening Only. Air Shift Only. 1310 companion flange output version shown. SAE-B (option "K") pump mount available. Pump weight limit 30 lbs. without support to transmission.
- 2 G85-6 multiply speed show by 1.38.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MERCEDS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		G60-6, G85-6 ⁽²⁾						PTO DRIVE GEAR DATA:				
		LOCATION: PLV:			PLMF: RPM:							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

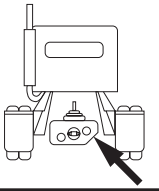

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



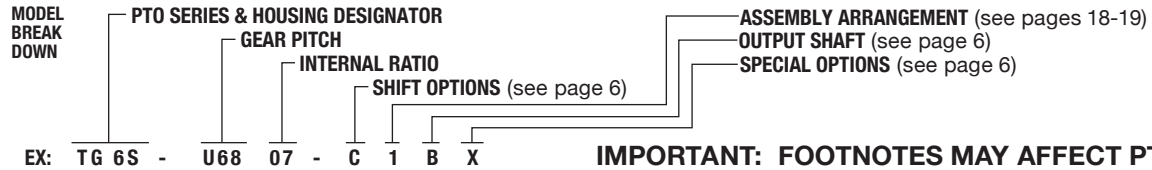
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RM9-115A, RM9-125A, RM9-135A, RM9-145A, RM9-155A, RM10-145A, RM10-115A, RM10-125A, RM10-135A, RM10-145A, RM10-155A, M-11G10A-M11, M-11G9A-M11, M-12G10A-M12, M-12G9A-M12, M-13G10A-M13, M-13G9A-M13, M-14F10A-M16, M-14G10A-M14, M-14G9A-M14, M-14G10A-M16, M-15G10A-M15, M-15G9A-M15 Footnote (3, 4)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			45T 6P 20° PA Spur			PLMF: 1.085						
			LOCATION: Front			RPM: 758						
			PLV: 1488 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 6	Opp	51					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 6	Opp	67					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 6	Opp	87					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 6	Opp	102					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 6	Opp	126					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 6	Opp	131					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 6	Opp	161					Included	Cable	210	40
	TG6S-U6813-C1BH	1, 6	Opp	183					Included	Cable	210	40
	TG6S-U6815-C1BH	1, 6	Opp	206					Included	Cable	195	37
TG6S-U6818-C1BH	1, 6	Opp	244					Included	Cable	175	33	
SH SERIES	SH6S-U6005-E1BX		Opp	67					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	6	Opp	99					Included	Elec/Air	400	76
	SH6S-U6809-E1BX	6	Opp	123					Included	Elec/Air	375	71
	SH6S-U6812-E1BX	6	Opp	163					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	47					Included	Power	300	57
	CS6S-U6004-E1BX		Opp	61					Included	Power	300	57
	CS6S-U6005-E1BX		Opp	67					Included	Power	300	57
	CS6S-U6806-E1BX		Opp	79					Included	Power	300	57
	CS6S-U6807-E1BX	6	Opp	99					Included	Power	300	57
	CS6S-U6809-E1BX	6	Opp	123					Included	Power	275	52
	CS6S-U6812-E1BX	6	Opp	163					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	2, 7	Opp	38		38		23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	7	Opp	78		78		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TU6855-1				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

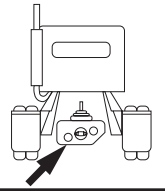

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 RL Series with combined reduction gearbox.
 - 3 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 4 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options.
 - 6 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 7 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RM9-115A, RM9-125A, RM9-135A, RM9-145A, RM9-155A, RM10-145A, RM10-115A, RM10-125A, RM10-135A, RM10-145A, RM10-155A, M-11G10A-M11, M-11G9A-M11, M-12G10A-M12, M-12G9A-M12, M-13G10A-M13, M-13G9A-M13, M-14F10A-M16, M-14G10A-M12, M-13G9A-M13, M-14G10A-M16, M-15G10A-M15, M-15G9A-M15							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 758			
								PLV: 1488 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 4	Opp	51					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 4	Opp	67					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 4	Opp	87					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 4	Opp	102					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 4	Opp	126					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 4	Opp	131					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 4	Opp	161					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 4	Opp	183					Included	Cable	210	40
	TG8S-U6815-C1BH	1, 4	Opp	206					Included	Cable	195	37
TG8S-U6818-C1BH	1, 4	Opp	244					Included	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Opp	67					Included	Elec/Air	400	76
	SH8S-U6807-E1BX		Opp	99					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	123					Included	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	163					Included	Elec/Air	325	62
	SH8S-U6813-E1BX	4	Opp	189					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	47					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	61					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	67					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	79					Included	Power	300	57
	CS8S-U6807-E1BX	4	Opp	99					Included	Power	300	57
	CS8S-U6809-E1BX	4	Opp	123					Included	Power	275	52
	CS8S-U6812-E1BX	4	Opp	163					Included	Power	275	52
	CS8S-U6813-E1BX	4	Opp	189					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	38		38		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	78		78		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	47					Included	Lever	500	95
	828S-U6808-L1CX		Opp	75					Included	Lever	450	85
	828S-U6809-L1CX		Opp	93					Included	Lever	410	78
	828S-U6810-L1CX		Opp	100					Included	Lever	410	78
	828S-U6812-L1CX		Opp	115					Included	Lever	375	71
	828S-U6813-L1CX		Opp	133					Included	Lever	375	71
	828S-U6815-L1CX		Opp	146				(2) 23M80062 23M80248	Included	Lever	350	67
	828S-U6819-L1CX		Opp	180				20MK8817	Included	Lever	300	57
1 FWD. 1 REV.												

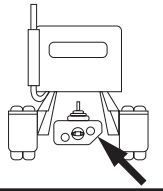



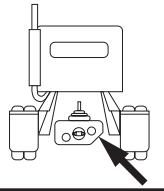

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

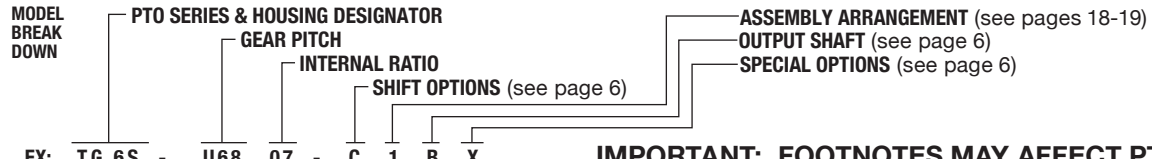
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gearbox.
- 3 Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series on PTO side of adapter, add 23M60200S + 20MK6603.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)								
	RMO9-115R, RMO9-125A, RMO9-125R, RMO9-135A, RMO9-135R, RMO9-145A, RMO9-145R, RMX10-115A, RMX10-125A, RMX10-135A, RMX10-145A, RMX10-155A, RMX10-165A, MO-14F10A-M16, RMX10-156A, MO-11G9R-M11, MO-12G9A-M12, MO-12G9R-M12, MO-13G9A-M13, MO-13G9R-M13, MO-14G9A-M14, MO-14G9R-M14, MO-11G10A-M11, MO-12G10A-M12, MO-13G10A-M13, MO-14G10A-M14, MO-14G10A-M16, MO-15G10A-M15, MO-16G10A-M16 Footnote (3, 4)							SAE 6-BOLT OPENING								
	PTO DRIVE GEAR DATA:			LOCATION: Front			PLMF: 1.085									
6-BOLT TYPE			PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
							HI	LO	REV					TORQUE	HP	
SINGLE GEAR																
SINGLE SPEED MULTI GEAR			TG6S-U6804-C1BX		1, 6	Opp	69					Included	Cable	285	54	
			TG6S-U6805-C1BX		1, 6	Opp	90						Included	Cable	270	51
			TG6S-U6806-C1BX		1, 6	Opp	116						Included	Cable	245	47
			TG6S-U6807-C1BX		1, 6	Opp	137						Included	Cable	230	44
			TG6S-U6808-C1BX		1, 6	Opp	168						Included	Cable	230	44
			TG6S-U6809-C1BX		1, 6	Opp	175						Included	Cable	205	39
			TG6S-U6812-C1BH		1, 6	Opp	215						Included	Cable	210	40
			TG6S-U6813-C1BH		1, 6	Opp	245						Included	Cable	210	40
			TG6S-U6815-C1BH		1, 6	Opp	276						Included	Cable	195	37
			TG6S-U6818-C1BH		1, 6	Opp	328						Included	Cable	175	33
SH SERIES			SH6S-U6005-E1BX			Opp	90					Included	Elec/Air	400	76	
			SH6S-U6807-E1BX		6	Opp	132						Included	Elec/Air	400	76
			SH6S-U6809-E1BX		6	Opp	165						Included	Elec/Air	375	71
			SH6S-U6812-E1BX		6	Opp	219						Included	Elec/Air	325	62
CLUTCH SHIFT			CS6S-U6003-E1BX			Opp	63					Included	Power	300	57	
			CS6S-U6004-E1BX			Opp	82						Included	Power	300	57
			CS6S-U6005-E1BX			Opp	90						Included	Power	300	57
			CS6S-U6806-E1BX			Opp	106						Included	Power	300	57
			CS6S-U6807-E1BX		6	Opp	132						Included	Power	300	57
			CS6S-U6809-E1BX		6	Opp	165						Included	Power	275	52
			CS6S-U6812-E1BX		6	Opp	219						Included	Power	275	52
			1 FWD. 1 REV.			RL6D-U6803-L3BX		2, 7	Opp	51		51		23M60200S	20MK6602	Lever	200	38
RL6D-U6805-L3BX		7				Opp	104			104		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION					5		40TU6855-1									

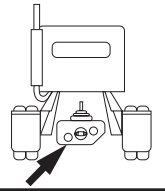

ZF/MERITOR TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)							
	RMO9-115R, RMO9-125A, RMO9-125R, RMO9-135A, RMO9-135R, RMO9-145A, RMO9-145R, RMX10-115A, RMX10-125A, RMX10-135A, RMX10-145A, RMX10-155A, RMX10-165A, MO-14F10A-M16, RMX10-156A, MO-11G9R-M11, MO-12G9A-M12, MO-12G9R-M12, MO-13G9A-M13, MO-13G9R-M13, MO-14G9A-M14, MO-14G9R-M14, MO-11G10A-M11, MO-12G10A-M12, MO-13G10A-M13, MO-14G10A-M14, MO-14G10A-M16, MO-15G10A-M15, MO-16G10A-M16 Footnote (3, 4)							SAE 6-BOLT OPENING							
	PTO DRIVE GEAR DATA:			LOCATION: Front			PLMF: 1.085								
8-BOLT TYPE			PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
							HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR															
1 FWD. 1 REV.															



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 RL Series with combined reduction gearbox.
 - 3 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 4 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options.
 - 6 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 7 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RMO9-115R, RMO9-125A, RMO9-125R, RMO9-135A, RMO9-135R, RMO9-145A, RMO9-145R, RMX10-115A, RMX10-125A, RMX10-135A, RMX10-145A, RMX10-155A, RMX10-165A, MO-14F10A-M16, RMX10-156A, MO-11G9R-M11, MO-12G9A-M12, MO-12G9R-M12, MO-13G9A-M13, MO-13G9R-M13, MO-14G9A-M14, MO-14G9R-M14, MO-11G10A-M11, MO-12G10A-M12, MO-13G10A-M13, MO-14G10A-M14, MO-14G10A-M16, MO-15G10A-M15, MO-16G10A-M16							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur			PLMF: .810	
								LOCATION: Front			RPM: 1,017	
								PLV: 1996 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 4	Opp	69					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 4	Opp	90					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 4	Opp	116					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 4	Opp	137					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 4	Opp	168					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 4	Opp	175					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 4	Opp	215					Included	Cable	210	40
	TG8S-U6813-C1BH	1, 4	Opp	245					Included	Cable	210	40
	TG8S-U6815-C1BH	1, 4	Opp	276					Included	Cable	195	37
	TG8S-U6818-C1BH	1, 4	Opp	328					Included	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	90					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	132					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	165					Included	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	219					Included	Elec/Air	325	62
	SH8S-U6813-E1BX	4	Opp	254					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	63					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	82					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	90					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	106					Included	Power	300	57
	CS8S-U6807-E1BX	4	Opp	132					Included	Power	300	57
	CS8S-U6809-E1BX	4	Opp	165					Included	Power	275	52
	CS8S-U6812-E1BX	4	Opp	219					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	51		51		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	104		104		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	63					Included	Lever	500	95
	828S-U6808-L1CX		Opp	100					Included	Lever	450	85
	828S-U6809-L1CX		Opp	125					Included	Lever	410	78
	828S-U6810-L1CX		Opp	134					Included	Lever	410	78
	828S-U6812-L1CX		Opp	155					Included	Lever	375	71
	828S-U6813-L1CX		Opp	178					Included	Lever	375	71
	828S-U6815-L1CX		Opp	196				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Opp	241				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

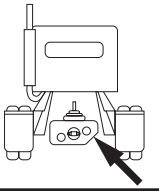



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

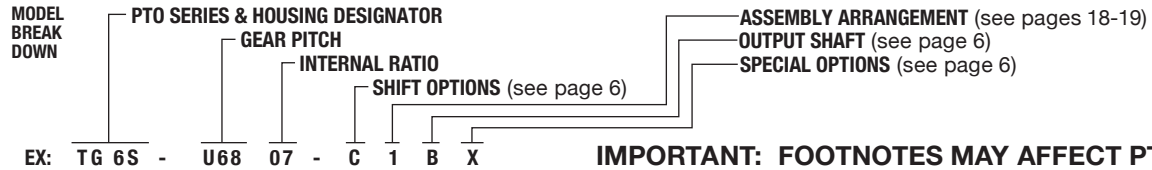
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gearbox.
- 3 Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	RMO9-115B, RMO9-125B, RMO9-135B, RMO9-145B, RMX9-155B, MO-11G9B-M11, MO-12G9B-M12, MO-13G9B-M13, MO-14G9B-M14, MO-15G9B-M15 Footnote (3, 4)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1710 FPM					PLMF: 1.085 RPM: 871
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 7	Opp	59					Included	Cable	285	54
	TG6S-U6805-C1BX	1, 7	Opp	77					Included	Cable	270	51
	TG6S-U6806-C1BX	1, 7	Opp	100					Included	Cable	245	47
	TG6S-U6807-C1BX	1, 7	Opp	118					Included	Cable	230	44
	TG6S-U6808-C1BX	1, 7	Opp	144					Included	Cable	230	44
	TG6S-U6809-C1BX	1, 7	Opp	150					Included	Cable	205	39
	TG6S-U6812-C1BH	1, 7	Opp	184					Included	Cable	210	40
	TG6D-S6813-C1BH	5	Opp	194				23M60200S	20MK6603	Cable	210	40
	TG6D-S6815-C1BH	5	Opp	219				23M60200S	20MK6603	Cable	195	37
	TG6D-S6818-C1BH	5	Opp	259				23M60200S	20MK6603	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	77					Included	Elec/Air	400	76
	SH6S-U6807-E1BX	7	Opp	113					Included	Elec/Air	400	76
	SH6S-U6809-E1BX	7	Opp	141					Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	172				23M60200S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	54					Included	Power	300	57
	CS6S-U6004-E1BX		Opp	71					Included	Power	300	57
	CS6S-U6005-E1BX		Opp	77					Included	Power	300	57
	CS6S-U6806-E1BX		Opp	91					Included	Power	300	57
	CS6S-U6807-E1BX	7	Opp	113					Included	Power	300	57
	CS6S-U6809-E1BX	7	Opp	141					Included	Power	275	52
	CS6D-S6812-E1BX		Opp	172				23M60200S	20TK4433	Power	275	52
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	2, 8 8	Opp Opp	43 89		43 89		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		6	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - RL Series with combined reduction gearbox.
 - Direct mount pumps will not clear bulge on right side unless adapter is used.
 - For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps. Refer to adapter gear assemblies in the table of contents for additional space requirements.
 - TG Series Input Gear: #03T94243 — Refer to kit program on page 10 & 11.
 - Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options.
 - Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	RMO9-115B, RMO9-125B, RMO9-135B, RMO9-145B, RMX9-155B, MO-11G9B-M11, MO-12G9B-M12, MO-13G9B-M13, MO-14G9B-M14, MO-15G9B-M15							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: .810			
								LOCATION: Front	RPM: 871			
								PLV: 1710 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 5	Opp	59					Included	Cable	285	54
	TG8S-U6805-C1BX	1, 5	Opp	77					Included	Cable	270	51
	TG8S-U6806-C1BX	1, 5	Opp	100					Included	Cable	245	47
	TG8S-U6807-C1BX	1, 5	Opp	118					Included	Cable	230	44
	TG8S-U6808-C1BX	1, 5	Opp	144					Included	Cable	230	44
	TG8S-U6809-C1BX	1, 5	Opp	150					Included	Cable	205	39
	TG8S-U6812-C1BH	1, 5	Opp	184					Included	Cable	210	40
	TG8D-S6813-C1BH	4	Opp	194				23M80190	20MK8808	Cable	210	40
	TG8D-S6815-C1BH	4	Opp	219				23M80190	20MK8808	Cable	195	37
	TG8D-S6818-C1BH	4	Opp	259				23M80190	20MK8808	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	77					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	113					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	5	Opp	141					Included	Elec/Air	375	71
	SH8D-S6812-E1BX		Opp	172				23M80190	20MK8808	Elec/Air	325	62
	SH8D-S6813-E1BX		Opp	199				23M80190	20MK8808	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	54					Included	Power	300	57
	CS8S-U6004-E1BX		Opp	71					Included	Power	300	57
	CS8S-U6005-E1BX		Opp	77					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	91					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	113					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	141					Included	Power	275	52
	CS8D-S6812-E1BX		Opp	172				23M80190	20MK8808	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	2, 6 6	Opp Opp	43 89		43 89		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	54					Included	Lever	500	95
	828S-U6808-L1CX		Opp	86					Included	Lever	450	85
	828S-U6809-L1CX		Opp	107					Included	Lever	410	78
	828S-U6810-L1CX		Opp	115					Included	Lever	410	78
	828S-U6812-L1CX		Opp	132					Included	Lever	375	71
	828S-U6813-L1CX		Opp	153					Included	Lever	375	71
	828S-U6815-L1CX		Opp	167				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Opp	206				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

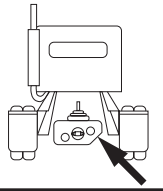



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

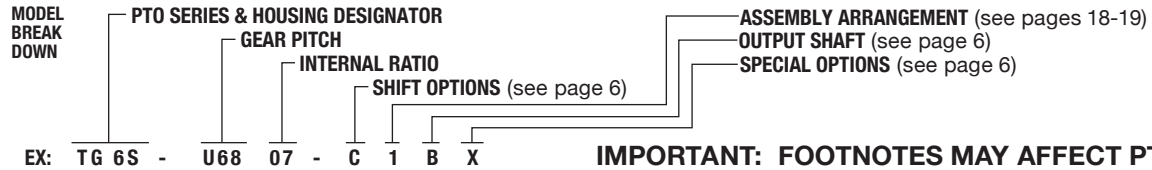
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gearbox.
- 3 Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 TG Series Input Gear: #03T94243 — Refer to kit program on page 10 & 11.
- 5 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)						
	RMX10-115C, RMX10-125C, RMX10-135C, RMX10-145C, RMX10-155C, RMX10-145CT, RMX10-165CT, MO-11G10C-M11, MO-12G10C-M12, MO-13G10C-M13, MO-14G10C-M14, MO-14F10C-M16, MO-14G10C-M16, MO-15G10C-M15, MO-16G10C-M16, MO-16F10C-M18, MO-16G10C-M18, MO-17G10C-M17, MO-17G10C-M19, MO-18G10C-M18, MO-18G10C-M20 Footnote (2, 3)							SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:	
								45T 6P 20° PA Spur		PLMF: 1.085			LOCATION: Front		RPM: 982
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO			
				HI	LO	REV					TORQUE	HP		
SINGLE GEAR														
SINGLE SPEED MULTI GEAR	TG6S-U6804-C1BX	1, 6	Opp	66					Included	Cable	285	54		
	TG6S-U6805-C1BX	1, 6	Opp	87					Included	Cable	270	51		
	TG6S-U6806-C1BX	1, 6	Opp	112					Included	Cable	245	47		
	TG6S-U6807-C1BX	1, 6	Opp	133					Included	Cable	230	44		
	TG6S-U6808-C1BX	1, 6	Opp	163					Included	Cable	230	44		
	TG6S-U6809-C1BX	1, 6	Opp	169					Included	Cable	205	39		
	TG6S-U6812-C1BH	1, 6	Opp	208					Included	Cable	210	40		
	TG6S-U6813-C1BH	1, 6	Opp	237					Included	Cable	210	40		
	TG6S-U6815-C1BH	1, 6	Opp	267					Included	Cable	195	37		
	TG6S-U6818-C1BH	1, 6	Opp	317					Included	Cable	175	33		
SH SERIES	SH6S-U6005-E1BX		Opp	87					Included	Elec/Air	400	76		
	SH6S-U6807-E1BX	6	Opp	129					Included	Elec/Air	400	76		
	SH6S-U6809-E1BX	6	Opp	160					Included	Elec/Air	375	71		
	SH6S-U6812-E1BX	6	Opp	212					Included	Elec/Air	325	62		
CLUTCH SHIFT	CS6S-U6003-E1BX		Opp	61					Included	Power	300	57		
	CS6S-U6004-E1BX		Opp	81					Included	Power	300	57		
	CS6S-U6005-E1BX		Opp	87					Included	Power	300	57		
	CS6S-U6806-E1BX		Opp	102					Included	Power	300	57		
	CS6S-U6807-E1BX	6	Opp	129					Included	Power	300	57		
	CS6S-U6809-E1BX	6	Opp	160					Included	Power	275	52		
	CS6S-U6812-E1BX	6	Opp	212					Included	Power	275	52		
	1 FWD. 1 REV.	RL6D-U6803-L3BX RL6D-U6805-L3BX	4, 7 7	Opp Opp	49 100		49 100		23M60200S 23M60200S	20MK6602 20MK6602	Lever Lever	200 200	38 38	
ADAPTER TO CHANGE ROTATION		5	40TU6855-1					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



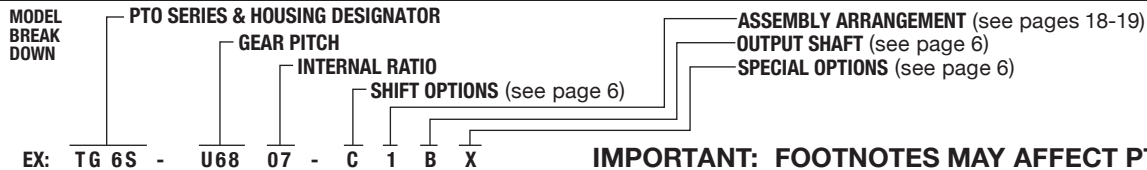
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 For vehicles with spring hanger interference use the 40TU6855-1 adapter. Not applicable for direct mount pumps.
 - 3 Direct mount pumps will not clear bulge on right side unless adapter is used.
 - 4 RL Series with combined reduction gearbox ("03" Ratio).
 - 5 Typical adapter used to clear frame interference. 40TU6845-1 & 40TU6830-1 are also available options.
 - 6 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603 (20TK4433 for SH or CS).
 - 7 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)							
	RMX10-115C, RMX10-125C, RMX10-135C, RMX10-145C, RMX10-155C, RMX10-145CT, RMX10-165CT, MO-11G10C-M11, MO-12G10C-M12, MO-13G10C-M13, MO-14G10C-M14, MO-14F10C-M16, MO-14G10C-M16, MO-15G10C-M15, MO-16G10C-M16, MO-16F10C-M18, MO-16G10C-M18, MO-17G10C-M17, MO-17G10C-M19, MO-18G10C-M18, MO-18G10C-M20							SAE 8-BOLT OPENING							
	6-BOLT TYPE			PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER			SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
		HI	LO	REV									TORQUE	HP	
SINGLE GEAR															
SINGLE SPEED MULTI GEAR	TG8S-U6804-C1BX	1, 4	Opp	66							Included	Cable	285	54	
	TG8S-U6805-C1BX	1, 4	Opp	87							Included	Cable	270	51	
	TG8S-U6806-C1BX	1, 4	Opp	112							Included	Cable	245	47	
	TG8S-U6807-C1BX	1, 4	Opp	133							Included	Cable	230	44	
	TG8S-U6808-C1BX	1, 4	Opp	162							Included	Cable	230	44	
	TG8S-U6809-C1BX	1, 4	Opp	169							Included	Cable	205	39	
	TG8S-U6812-C1BH	1, 4	Opp	215							Included	Cable	210	40	
	TG8S-U6813-C1BH	1, 4	Opp	245							Included	Cable	210	40	
	TG8S-U6815-C1BH	1, 4	Opp	276							Included	Cable	195	37	
	TG8S-U6818-C1BH	1, 4	Opp	317							Included	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Opp	87							Included	Elec/Air	400	76	
	SH8S-U6807-E1BX	4	Opp	129							Included	Elec/Air	400	76	
	SH8S-U6809-E1BX	4	Opp	160							Included	Elec/Air	375	71	
	SH8S-U6812-E1BX	4	Opp	212							Included	Elec/Air	325	62	
	SH8S-U6813-E1BX	4	Opp	245							Included	Elec/Air	325	62	
CLUTCH SHIFT	CS8S-U6003-E1BX		Opp	61							Included	Power	300	57	
	CS8S-U6004-E1BX		Opp	81							Included	Power	300	57	
	CS8S-U6005-E1BX		Opp	87							Included	Power	300	57	
	CS8S-U6806-E1BX		Opp	102							Included	Power	300	57	
	CS8S-U6807-E1BX	4	Opp	129							Included	Power	300	57	
	CS8S-U6809-E1BX	4	Opp	160							Included	Power	275	52	
	CS8S-U6812-E1BX	4	Opp	212							Included	Power	275	52	
	CS8S-U6814-E1BX		Opp	265							Included	Power	275	52	
	1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	49			49			23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	100			100			23M80032	Included	Lever	200	38	
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

ZF/MERITOR TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)							
	RMX10-115C, RMX10-125C, RMX10-135C, RMX10-145C, RMX10-155C, RMX10-145CT, RMX10-165CT, MO-11G10C-M11, MO-12G10C-M12, MO-13G10C-M13, MO-14G10C-M14, MO-14F10C-M16, MO-14G10C-M16, MO-15G10C-M15, MO-16G10C-M16, MO-16F10C-M18, MO-16G10C-M18, MO-17G10C-M17, MO-17G10C-M19, MO-18G10C-M18, MO-18G10C-M20							SAE 8-BOLT OPENING							
	6-BOLT TYPE			PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER			SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
		HI	LO	REV									TORQUE	HP	
SINGLE GEAR															
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	61							Included	Lever	500	95	
	828S-U6808-L1CX		Opp	97							Included	Lever	450	85	
	828S-U6809-L1CX		Opp	120							Included	Lever	410	78	
	828S-U6810-L1CX		Opp	130							Included	Lever	410	78	
	828S-U6812-L1CX		Opp	149							Included	Lever	375	71	
	828S-U6813-L1CX		Opp	173							Included	Lever	375	71	
	828S-U6815-L1CX		Opp	189						(2) 23M80062	Included	Lever	350	67	
	828S-U6819-L1CX		Opp	232						23M80248	Included	Lever	300	57	
	1 FWD. 1 REV.														

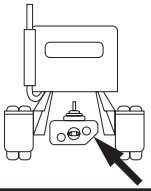



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

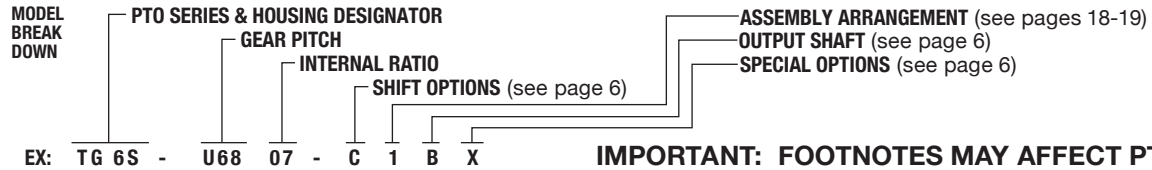
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gearbox ("03" Ratio).
- 3 Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). RL Series on PTO side of adapter, add 23M60200S + 20MK6603.
- 4 Optional: U68 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								RIGHT REAR ONLY (LEFT REAR TURN PAGE)					
 FREEDOMLINE MO-13Z12A-A13, MO-14Z12A-A14, MO-15Z12A-A15, MO-16Z12A-A16 (12 Speed Overdrive) M13Z12A-A13, M14Z12A-A14 (12 Speed Direct Drive) Footnote (1, 3, 4, 5)								METRIC 4-BOLT OPENING					
								PTO DRIVE GEAR DATA:		LOCATION: None		PLMF: RPM: 1,353	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	RS4S-P82Z1-E1CX	2	Crnk	177					Included	Elec/Air	220	42	
	RS4S-P86Z3-Z1CX	6	Crnk	180			601K5400000		199K7930000	Elec/Air	332	63	
	RS4S-P86Z4-Z1CX	6	Crnk	125			601K5400000		199K7930000	Elec/Air	369	70	
SH SERIES													
CLUTCH SHIFT													
1 FWD. 1 REV.													
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

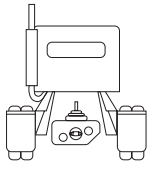
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



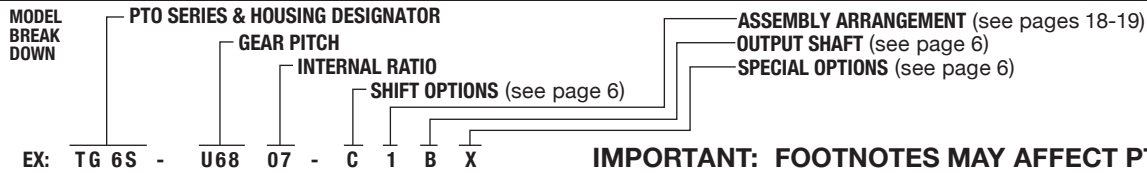
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Counter shaft rear mount PTO.
 - 2 PTO interferes with SPL170 or SPL250 transmission yoke. The Rockwell RPL series does clear PTO.
 - 3 Direct mount pump option "K" available, total pump system weight limit 25 lbs.
 - 4 Direct Drive 12 speed transmission, multiply speed shown by .61.
 - 5 Transmission must be programmed for PTO operation, check with Dealer before obtaining a PTO.
 - 6 PTO interferes with Rockwell RPL-25 transmission yoke.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION							LEFT REAR ONLY (RIGHT REAR TURN PAGE)					
FREEDOMLINE MO-13Z12A-A13, MO-14Z12A-A14, MO-15Z12A-A15, MO-16Z12A-A16 (12 Speed Overdrive) M13Z12A-A13, M14Z12A-A14 (12 Speed Direct Drive) (See Other Side)							METRIC 4-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
							LOCATION: None		PLMF: RPM: 0			
							PLV:					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION							REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

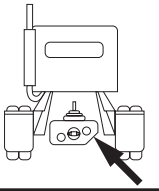

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



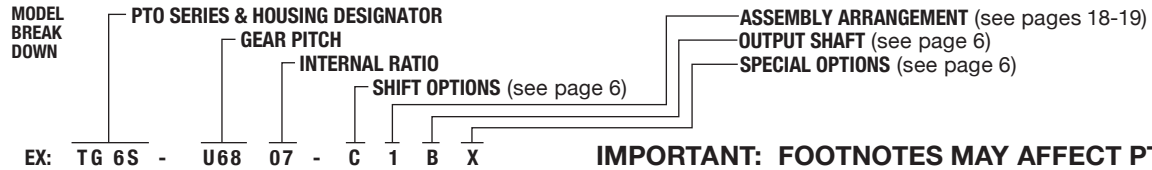
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF/MERITOR TRANSMISSION								RIGHT REAR ONLY (LEFT REAR TURN PAGE)				
		FREEDOMLINE MO-13Z16A-A13, MO-14Z16A-A14, MO-15Z16A-A15, MO-16Z16A-A16 (16 Speed Overdrive) Footnote (2, 4)						METRIC 4-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
				LOCATION: None		PLMF: RPM: 1,111						
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P82Z1-E1CX	1, 3	Crnk	145					Included	Elec/Air	220	42
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


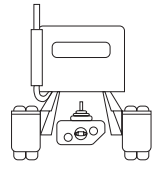
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 Counter shaft rear mount PTO.
 - 2 PTO interferes with SPL170 or SPL250 transmission yoke. The Rockwell RPL series does clear PTO. Contact chassis dealer for possible change and compatibility.
 - 3 Direct mount pump option "K" available, total pump system weight limit 25 lbs.
 - 4 Transmission must be programmed for PTO operation, check with Dealer before obtaining a PTO.

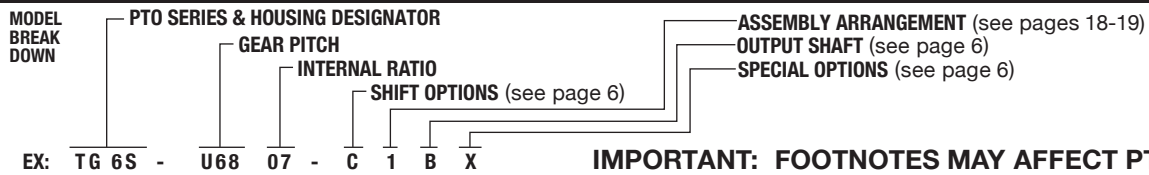
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ZF/MERITOR TRANSMISSION	LEFT REAR ONLY (RIGHT REAR TURN PAGE)	
FREEDOMLINE MO-13Z16A-A13, MO-14Z16A-A14, MO-15Z16A-A15, MO-16Z16A-A16 (See Other Side)		METRIC 4-BOLT OPENING	
		PTO DRIVE GEAR DATA:	
		LOCATION: None PLV:	PLMF: RPM: 0

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

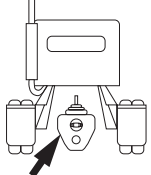

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		M4 (6.903), M5 (7.216), M6 (7.216) 1ST GEAR RATIO SHOWN		METRIC 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 37T 7.58P 20° R.H. LOCATION: Center PLMF: 2.350 PLV: 750 FPM RPM: 535		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-M7618-A3KX	1, 2, 3	Opp	90					Included	Air	206	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

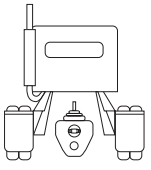

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Direct mount option shown. "B" option 1000 Series companion flange available.
- 2 Air shift only.
- 3 Requires spacer 602AD239000, included.

MITSUBISHI TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		M8S2x5 (BEFORE 1994)				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

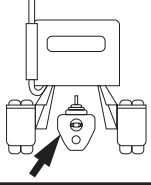

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



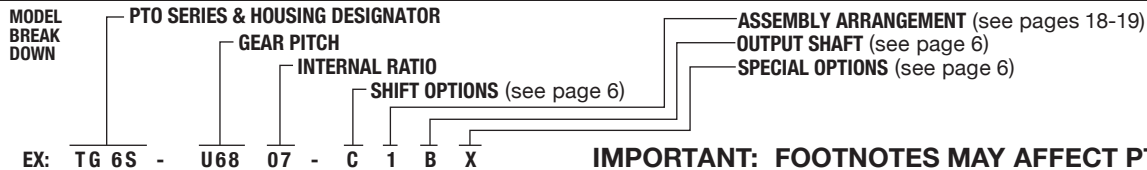
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		M8S2x5 (BEFORE 4/94) Footnote (1)						METRIC 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 29T 5.08P 20° PA Spur LOCATION: Front PLMF: -1.371 PLV: 389 FPM RPM: 260				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6807-C4BX	2	Crnk	45			**FA219002		Included	Cable	230	44
	TG6S-U6808-C4BX	2	Crnk	56			**FA219002		Included	Cable	230	44
	TG6S-U6809-C4BX	2	Crnk	58			**FA219002		Included	Cable	205	39
	TG6S-U6812-C4BH	2	Crnk	71			**FA219002		Included	Cable	210	40
	TG6S-U6813-C4BH	2	Crnk	81			**FA219002		Included	Cable	210	40
	TG6S-U6815-C4BH	2	Crnk	91			**FA219002		Included	Cable	195	37
	TG6S-U6818-C4BH	2	Crnk	108			**FA219002		Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	3	Crnk	34		34	**FA219002	23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

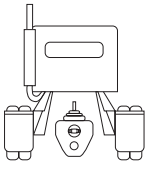

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- **Purchase the Mitsubishi adapter (FA219002) from a Mitsubishi dealer.
- TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.
- Do not use for continuous duty applications

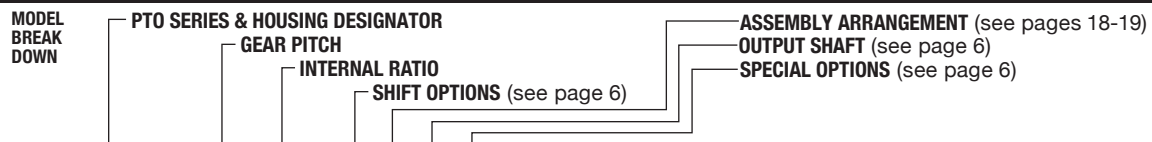
MITSUBISHI TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
 M035S5							PTO DRIVE GEAR DATA:				
							LOCATION: PLV:			PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

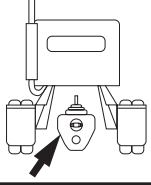

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



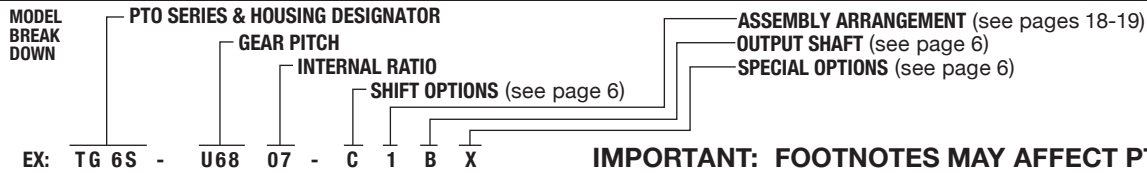
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		M035S5 Footnote (3)						METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				35T 8.67P 22.5° PA 11.65 L.H. LOCATION: Rear PLMF: -0.905 PLV: 249 FPM RPM: 239
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M8913-C4BH	1, 2	Crnk	34			29TK3954		Included	Cable	135	26
	TG6S-M8915-C4BH	1, 2	Crnk	38			29TK3954		Included	Cable	124	24
	TG6S-M8918-C4BH	1, 2	Crnk	45			29TK3954		Included	Cable	105	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

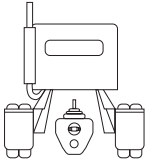

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T37219 — Refer to kit program on pages 10 & 11.
- 2 Torque and HP ratings are derated for this application due to manufacturer's limitations.
- 3 1999 And newer models are aluminum transmission case, transmission rib and/or PTO adapter must be altered for mounting clearance.

MITSUBISHI TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		M050S5, M050S6-OD				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

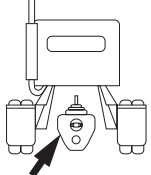

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

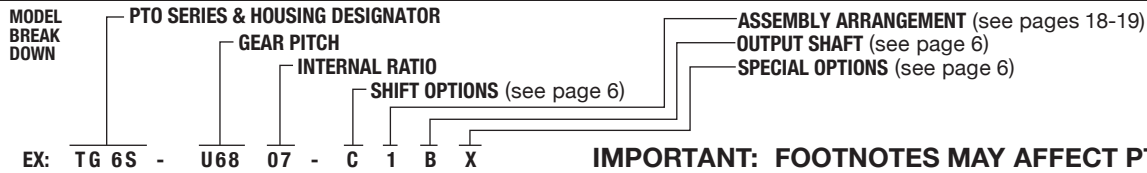
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		M050S5, M050S6-OD Footnote (3) 1st = 6.875		METRIC 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 35T 7.582P 20° PA 17 R.H. LOCATION: Front PLMF: 2.50 PLV: 736 RPM: 537		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-M7618-A3KX	1, 2	Opp	99					Included	Air	206	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

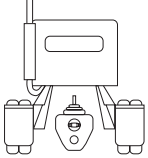

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Direct mount SAE "B" option ("K") shown. "B" option, 1000 Series companion flange, is available.
- 2 HC Series available with air shift "A" option only.
- 3 Requires the use of spacer to mount, supplied (602AD239000).

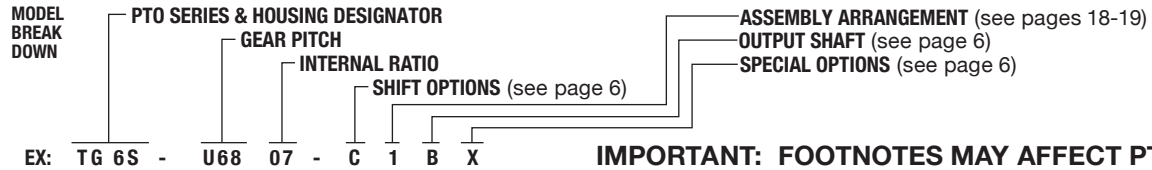
MITSUBISHI TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		M060S5, M060S6-OD				PTO DRIVE GEAR DATA:		
		LOCATION: PLV:		PLMF: RPM:				

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

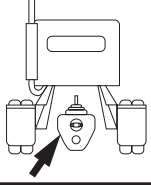

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

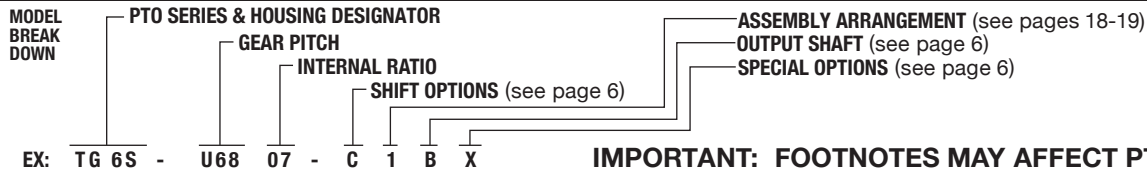
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 M060S5, M060S6-OD 1st = 6.875, 1st = 6.748				METRIC 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 35T 7.582P 20° PA 28.17 R.H. LOCATION: Front PLMF: 2.50 PLV: 696 RPM: 508		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-M7618-A3KX	1, 2, 3	Opp	94					Included	Air	206	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

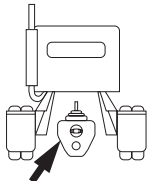



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Direct mount SAE "B" option ("K") shown. "B" option, 1000 Series companion flange is available.
- 2 HC Series available with air shift "A" option only.
- 3 A steel spacer is supplied with PTO, but is not required for mounting to this transmission.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		M060S6-D, M070S6-D 1st Gear = 8.064			METRIC 6-BOLT OPENING	
					PTO DRIVE GEAR DATA: 41T 7.58P 20° PA 30 R.H. LOCATION: Front PLMF: 2.39 PLV: 845 RPM: 517	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-M7818-A3KX	1, 2	Opp	101					Included	Air	206	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

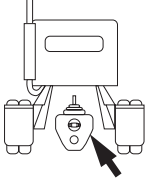



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1. Direct mount SAE "B" option ("K") shown. "B" option, 1000 Series companion flange is available.
2. HC Series available with air shift "A" option only.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITUSBISHI TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		M036S5, M036S6						PTO DRIVE GEAR DATA: LOCATION: PLV: _____ PLMF: RPM: _____				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

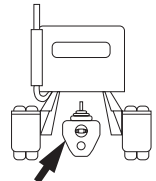

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 M036S5, M036S6				METRIC 8-BOLT OPENING		
				PTO DRIVE GEAR DATA:		
LOCATION: PLV:		PLMF: RPM:				

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	MP6A-WF260-C3QX	1, 2, 3	Opp	67					Included	Cable	108	21
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

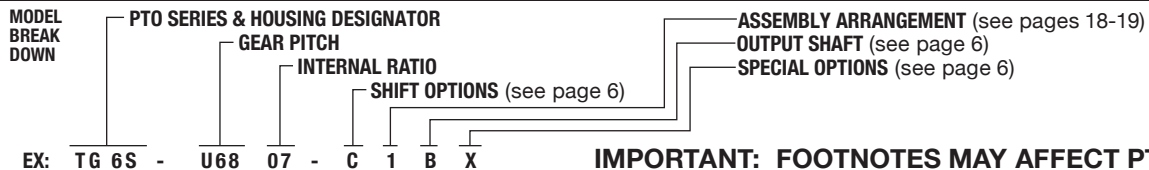
1. Cable shift option only.
2. Direct mount "Q" hydraulic mount output only. Use PH Series pump, PH**-2APBL. Use side ports for 4x4 clearance.
3. Multiple gear PTO for 4x4 vehicle or 4x2 vehicle.

MITUSBISHI TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		DUONIC AMT M038S6				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

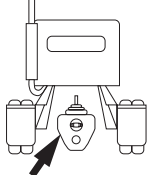

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MITSUBISHI TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		DUONIC AMT M038S6 Footnote (2, 3)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 44T 9.07P 22.5° PA 11.62° L.H. LOCATION: Rear PLMF: 1.776 PLV: 252 FPM RPM: 194				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-M9018-T4BH	1	Crnk	56				29TK5308	Included	E/Hyd	126	24
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

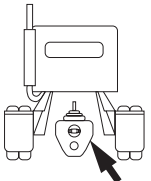



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

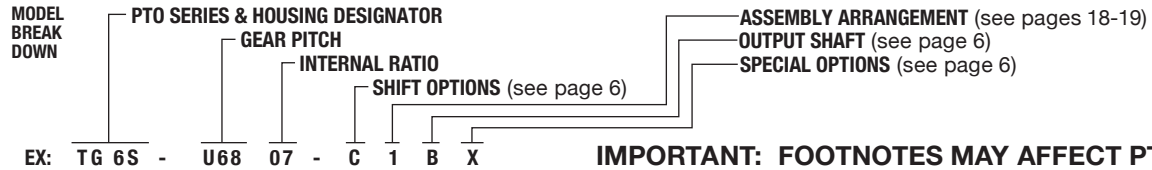
FOOTNOTES:

- 1 TG Series input gear 03T42337
- 2 Vehicle computer needs to be programmed for PTO operation by dealer. PTO switch will be included with the dealer option. Early build models are not supplied with PTO switch and the Muncie kit 48TK5325 can be ordered to provide the PTO system switch.
- 3 Recommended E-Hydra shift option shown, for cable shift use option "C" in the shifter field.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MUNCIE TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	SS66-U2 SPLIT SHAFT Footnote (2, 3, 6, 7, 8)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								23T 6P 20° Spur LOCATION: Front PLMF: 1.105 PLV: 1004 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6B-U6806-C1BX	1, 4	Crnk	58					Included	Cable	245	47
	TG6B-U6807-C1BX	1, 4	Crnk	69					Included	Cable	230	44
	TG6B-U6808-C1BX	1, 4	Crnk	85					Included	Cable	230	44
	TG6B-U6809-C1BX	1, 4	Crnk	88					Included	Cable	205	39
	TG6B-U6812-C1BH	1, 4	Crnk	108					Included	Cable	210	40
	TG6B-U6813-C1BH	1, 4	Crnk	128					Included	Cable	210	40
	TG6B-U6815-C1BH	1, 4	Crnk	139					Included	Cable	195	37
	TG6B-U6818-C1BH	1, 4	Crnk	165					Included	Cable	175	33
SH SERIES	SH6B-U6807-E1BX	4	Crnk	67					Included	Elec/Air	300	57
	SH6B-U6809-E1BX	4	Crnk	83					Included	Elec/Air	275	52
CLUTCH SHIFT	CS6B-U6806-E1BX		Crnk	53					Included	Power	300	57
	CS6B-U6807-E1BX	4	Crnk	67					Included	Power	300	57
	CS6B-U6809-E1BX	4	Crnk	83					Included	Power	275	52
	CS6B-U6812-E1BX	4	Crnk	110					Included	Power	261	50
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Crnk	52		52		23M60200S	20MKM603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TU6845-1M (only adapter recommended)					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

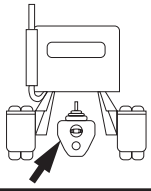

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Speeds shown with main transmission in direct drive.
 - 3 Metric stud kit required and is included with PTO (6B) option.
 - 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MKM603 (20TK4433 for SH or CS).
 - 5 Do not use for continuous duty applications.
 - 6 Total maximum SS66 gear torque limit is 289 lb.ft. Contact Muncie Power Products if using more than one PTO.
 - 7 Add suspension bracket kit P.N. 2991970000, sold separately.
 - 8 Optional split shaft indicator switch P.N. 194KSP17000, sold separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MUNCIE TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 <p style="text-align: center;">SS66-U2 SPLIT SHAFT Footnote (2, 3, 6, 7, 8)</p>								SAE 6-BOLT OPENING					
								PTO DRIVE GEAR DATA:					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG6B-U6806-C3BX	1, 4	Crnk	58						Included	Cable	245	47
	TG6B-U6807-C3BX	1, 4	Crnk	69						Included	Cable	230	44
	TG6B-U6808-C3BX	1, 4	Crnk	85						Included	Cable	230	44
	TG6B-U6809-C3BX	1, 4	Crnk	88						Included	Cable	205	39
	TG6B-U6812-C3BH	1, 4	Crnk	108						Included	Cable	210	40
	TG6B-U6813-C3BH	1, 4	Crnk	128						Included	Cable	210	40
	TG6B-U6815-C3BH	1, 4	Crnk	139						Included	Cable	195	37
	TG6B-U6818-C3BH	1, 4	Crnk	165						Included	Cable	175	33
SH SERIES	SH6B-U6807-E3BX	4	Crnk	67						Included	Elec/Air	300	57
	SH6B-U6809-E3BX	4	Crnk	83						Included	Elec/Air	275	52
CLUTCH SHIFT	CS6B-U6806-E3BX		Crnk	53						Included	Power	300	57
	CS6B-U6807-E3BX	4	Crnk	67						Included	Power	300	57
	CS6B-U6809-E3BX	4	Crnk	83						Included	Power	275	52
	CS6B-U6812-E3BX	4	Crnk	110						Included	Power	261	50
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Crnk	52		52			23M60200S	20MKM603	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TU6845-2					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					


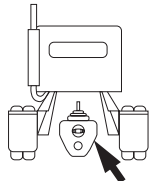
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Speeds shown with main transmission in direct drive.
 - 3 Metric stud kit required and is included with PTO (6B) option.
 - 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MKM603. (20TK4433 for SH or CS).
 - 5 Do not use for continuous duty applications.
 - 6 Total maximum SS66 gear torque limit is 289 lb.ft. Contact Muncie Power Products if using more than one PTO.
 - 7 Add suspension bracket kit P.N. 2991970000, sold separately.
 - 8 Optional split shaft indicator switch P.N.194KSP17000, sold separately.

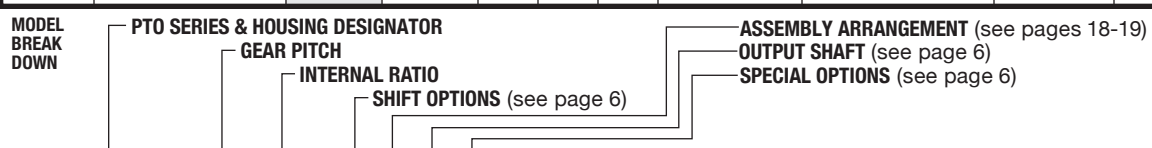
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	MUNCIE TRANSMISSION SS88-14X5-A00XXX SS88-21XC-A00XXX SPEED RATIO BASED ON INPUT SPEED 1:1 TO ENGINE Footnote (4)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE) SAE 8-BOLT OPENING PTO DRIVE GEAR DATA: 50T 6P 20° PA Spur LOCATION: Front PLMF: 0.808 PLV: 2,182 RPM: 1,000	
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6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8B-U6804-C1BX	1	Crnk	75					Included	Cable	285	54
	TG8B-U6805-C1BX	1	Crnk	98					Included	Cable	270	51
	TG8B-U6806-C1BX	1	Crnk	127					Included	Cable	245	47
	TG8B-U6807-C1BX	1	Crnk	150					Included	Cable	230	44
	TG8B-U6808-C1BX	1	Crnk	183					Included	Cable	230	44
SH SERIES	SH8B-U6005-E1BX		Crnk	98					Included	Elec/Air	400	76
	SH8B-U6807-E1BX		Crnk	146					Included	Elec/Air	400	76
	SH8B-U6809-E1BX		Crnk	181					Included	Elec/Air	375	71
CLUTCH SHIFT	CS8B-U6003-E1BX		Crnk	69					Included	Power	300	57
	CS8B-U6004-E1BX		Crnk	92					Included	Power	300	57
	CS8B-U6005-E1BX		Crnk	98					Included	Power	300	57
	CS8B-U6807-E1BX		Crnk	146					Included	Power	300	57
	CS8B-U6809-E1BX		Crnk	181					Included	Power	275	52
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828B-U6805-L1CX		Crnk	69					Included	Lever	500	95
	828B-U6808-L1CX		Crnk	110					Included	Lever	450	85
	828B-U6809-L1CX		Crnk	137					Included	Lever	410	78
	828B-U6810-L1CX		Crnk	147					Included	Lever	410	78
	828B-U6812-L1CX		Crnk	169					Included	Lever	375	71
1 FWD. 1 REV.												

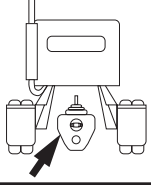



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284. Refer to kit program on page 10 and 11.
- 2 Metric stud kit included.
- 3 The 2 base models have different through shaft torque ratings, SS88-14X5 is rated to 14,000 lb.ft. and the SS88-21XC is rated to 21,000 lb.ft. The through torque does not affect the PTOs used. This application page applies to both models. The PTO drive gear is rated to 1,200 lb.ft. of intermittent torque.
- 4 Add suspension bracket kit P.N. 299K2870000, sold separately.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

MUNCIE TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	SS88-14X5-A00XXX SS88-21XC-A00XXX SPEED RATIO BASED ON INPUT SPEED 1:1 TO ENGINE Footnote (4)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								50T 6P 20° PA Spur LOCATION: Front PLV: 2,182		PLMF: 0.808 RPM: 1,000		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8B-U6804-C3BX	1	Crnk	75					Included	Cable	285	54
	TG8B-U6805-C3BX	1	Crnk	98					Included	Cable	270	51
	TG8B-U6806-C3BX	1	Crnk	127					Included	Cable	245	47
	TG8B-U6807-C3BX	1	Crnk	150					Included	Cable	230	44
	TG8B-U6808-C3BX	1	Crnk	183					Included	Cable	230	44
SH SERIES	SH8B-U6005-E3BX		Crnk	98					Included	Elec/Air	400	76
	SH8B-U6807-E3BX		Crnk	146					Included	Elec/Air	400	76
	SH8B-U6809-E3BX		Crnk	181					Included	Elec/Air	375	71
CLUTCH SHIFT	CS8B-U6003-E3BX		Crnk	69					Included	Power	300	57
	CS8B-U6004-E3BX		Crnk	92					Included	Power	300	57
	CS8B-U6005-E3BX		Crnk	98					Included	Power	300	57
	CS8B-U6807-E3BX		Crnk	146					Included	Power	300	57
	CS8B-U6809-E3BX		Crnk	181					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828B-U6805-L3CX		Crnk	69					Included	Lever	500	95
	828B-U6808-L3CX		Crnk	110					Included	Lever	450	85
	828B-U6809-L3CX		Crnk	137					Included	Lever	410	78
	828B-U6810-L3CX		Crnk	147					Included	Lever	410	78
	828B-U6812-L3CX		Crnk	169					Included	Lever	375	71
1 FWD. 1 REV.												

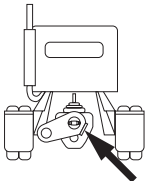



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284. Refer to kit program on pages 10 and 11.
- 2 Metric stud kit included.
- 3 The 2 base models have different through shaft torque ratings, SS88-14X5 is rated to 14,000 lb.ft. and the SS88-21XC is rated to 21,000 lb.ft. The through torque does not affect the PTOs used. This application page applies to both models. The PTO drive gear is rated to 1,200 lb. ft. of intermittent torque.
- 4 Add suspension bracket kit P.N. 299K2870000, sold separately.

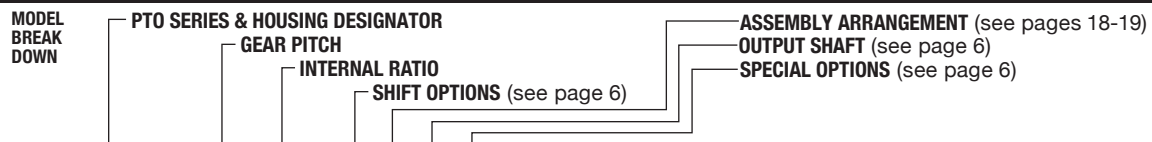
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION				RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		205 TRANSFER CASE Note: Some units with right hand opening were produced for Ford in mid-1972. Footnote (3)		SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 35T 7P 20° PA 30°29'40" L.H. LOCATION: Rear PLMF: 1.085 PLV: 800 FPM RPM: 510		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N7006-C2BX	1, 2	Crnk	46				23M60032S	Included	Cable	245	47
	TG6S-N7007-C2BX	1, 2	Crnk	54				23M60032S	Included	Cable	230	44
	TG6S-N7008-C2BX	1, 2	Crnk	66				23M60032S	Included	Cable	230	44
	TG6S-N7009-C2BX	1, 2	Crnk	69				23M60032S	Included	Cable	205	39
	TG6S-N7012-C2BH	1, 2	Crnk	85				23M60032S	Included	Cable	210	40
	TG6S-N7013-C2BH	1, 2	Crnk	96				23M60032S	Included	Cable	210	40
	TG6S-N7015-C2BH	1, 2	Crnk	109				23M60032S	Included	Cable	195	37
	TG6S-N7018-C2BH	1, 2	Crnk	128				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

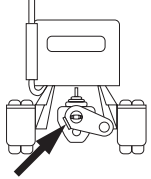

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



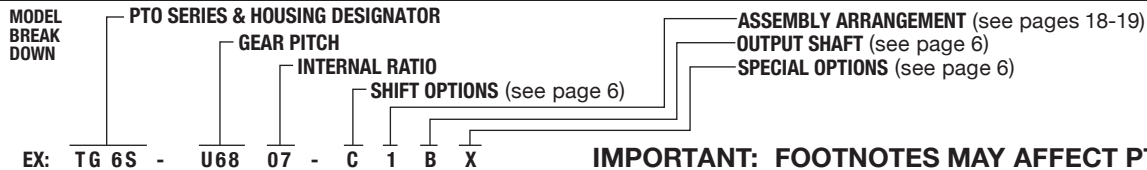
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T39158 — Refer to kit program on pages 10 & 11.
 - 2 The catalytic converter interferes with this opening on 1988 GM — K Series 4 X 4 vehicles.
 - 3 Speed shown with main transmission in direct drive. Rotation and speed vary with position of transmission selector.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		205 TRANSFER CASE Transfer case may have either right hand or left hand opening but not both. Footnote (3)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				35T 7P 20° PA 30°29'40" L.H. LOCATION: Rear PLMF: 1.085 PLV: 800 FPM RPM: 510
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N7006-C4BX	1, 2	Crnk	46				23M60032S	Included	Cable	245	47
	TG6S-N7007-C4BX	1, 2	Crnk	54				23M60032S	Included	Cable	230	44
	TG6S-N7008-C4BX	1, 2	Crnk	66				23M60032S	Included	Cable	230	44
	TG6S-N7009-C4BX	1, 2	Crnk	69				23M60032S	Included	Cable	205	39
	TG6S-N7012-C4BH	1, 2	Crnk	85				23M60032S	Included	Cable	210	40
	TG6S-N7013-C4BH	1, 2	Crnk	96				23M60032S	Included	Cable	210	40
	TG6S-N7015-C4BH	1, 2	Crnk	109				23M60032S	Included	Cable	195	37
	TG6S-N7018-C4BH	1, 2	Crnk	128				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

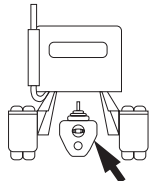



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T39158 — Refer to kit program on pages 10 & 11.
- 2 Possible exhaust interference.
- 3 Speed shown with main transmission in direct drive. Rotation and speed vary with position of transmission selector.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

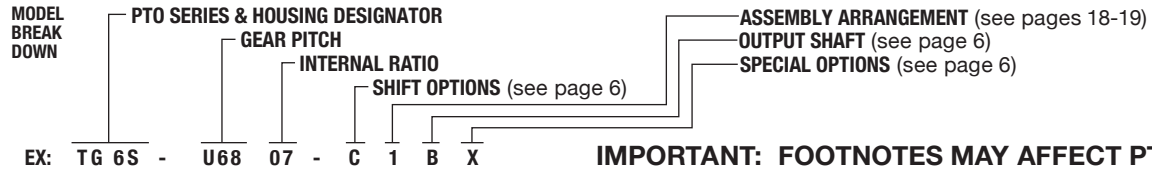
NEW PROCESS TRANSMISSION	435 D.E. (1986 & Later Model Year Dodge) Footnote (3)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
		SAE 6-BOLT OPENING	

PTO DRIVE GEAR DATA:
 34T 8.1160P 20° PA 33°30' R.H.
LOCATION: Front **PLMF:** 1.124
PLV: 520 FPM **RPM:** 395

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-N8109-C1BX	1, 3	Opp	44					Included	Cable	205	39
	TG6D-N8112-C1BH	1, 3	Opp	54					Included	Cable	210	40
	TG6D-N8113-C1BH	1, 3	Opp	62					Included	Cable	210	40
	TG6D-N8115-C1BH	1, 3	Opp	69					Included	Cable	195	37
	TG6D-N8118-C1BH	1, 3	Opp	83					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

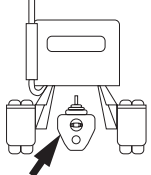



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34457 — Refer to kit program on pages 10 & 11.
- 2 PTO's interfere with driveline on 4 X 4 chassis.
- 3 Direct mount pumps interfere with cross member.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		435 D.E. (1986 & Later Model Year Dodge) Footnote (3)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								34T 8.1160P 20° PA 33°31' R.H. LOCATION: Rear PLMF: 1.124 PLV: 520 FPM RPM: 395				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-N8109-C4BM	1, 2	Opp	44					Included	Cable	205	39
	TG6D-N8112-C4BQ	1, 2	Opp	54					Included	Cable	210	40
	TG6D-N8113-C4BQ	1, 2	Opp	62					Included	Cable	210	40
	TG6D-N8115-C4BQ	1, 2	Opp	69					Included	Cable	195	37
	TG6D-N8118-C4BQ	1, 2	Opp	83					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

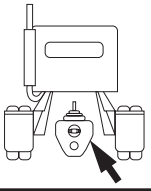



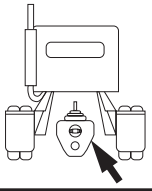

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

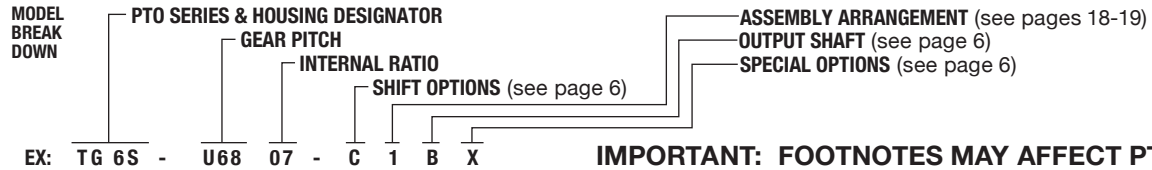
FOOTNOTES:

- 1 TG Series Input Gear: #03T34457 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 This opening typically found on 4 X 4 chassis. Recommend using Transfer Case opening due to exhaust and cross member interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)							
 435FE (6.68 Low)¹ (1979 & Later Model Year Ford)								SAE 6-BOLT OPENING							
								6-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
					HI	LO	REV					TORQUE	HP		
SINGLE GEAR															
SINGLE SPEED MULTI GEAR		TG6D-N8109-C1BX	3, 4	Opp	44						Included	Cable	205	39	
		TG6D-N8112-C1BH	3, 4	Opp	54						Included	Cable	210	40	
		TG6D-N8113-C1BH	3, 4	Opp	62							Included	Cable	210	40
		TG6D-N8115-C1BH	3, 4	Opp	69							Included	Cable	195	37
		TG6D-N8118-C1BH	3, 4	Opp	83							Included	Cable	175	33
SH SERIES															
CLUTCH SHIFT															
1 FWD. 1 REV.															
ADAPTER TO CHANGE ROTATION			No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

NEW PROCESS TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
 435FE (6.68 Low)¹ (1979 & Later Model Year Ford)								SAE 6-BOLT OPENING					
								8-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
					HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR													
1 FWD. 1 REV.													


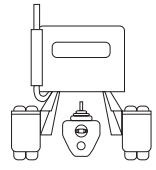


EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 This special transmission with 1.79:1 3rd gear is used by Ford in light duty trucks.
- 2 Single gear PTO available in lever shift only.
- 3 TG Series Input Gear: #03T34457 — Refer to kit program on pages 10 & 11.
- 4 Possible shaft and direct mount pump interference with cross member.

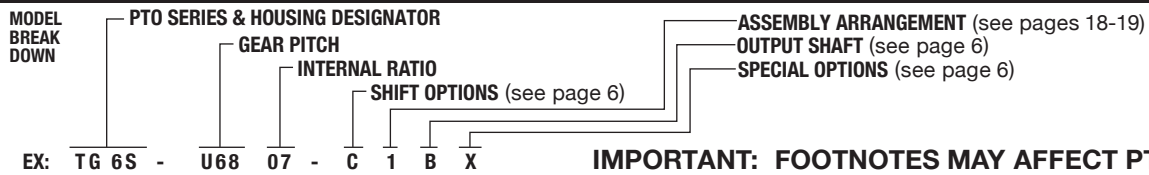
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	NEW PROCESS TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
435FE (6.68 Low) (1979 & Later Model Year Ford)		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA:	
		LOCATION: PLV:	PLMF: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

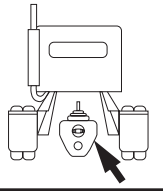

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



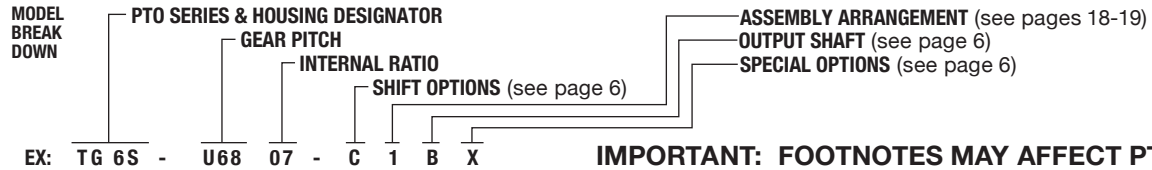
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		435*L (6.68 Low) (1978 & Earlier Ford) (1985 & Earlier Dodge)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								35T 8.1160P 20° PA 33°30' R.H. LOCATION: Front PLMF: 1.083 PLV: 535 FPM RPM: 395				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-N8109-C1BX	1	Opp	45				23M60032S	Included	Cable	205	39
	TG6D-N8112-C1BH	1	Opp	55				23M60032S	Included	Cable	210	40
	TG6D-N8113-C1BH	1	Opp	63				23M60032S	Included	Cable	210	40
	TG6D-N8115-C1BH	1	Opp	71				23M60032S	Included	Cable	195	37
	TG6D-N8118-C1BH	1	Opp	85				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		ADAPTER NO LONGER AVAILABLE					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

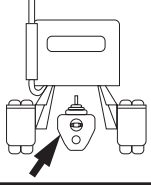



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

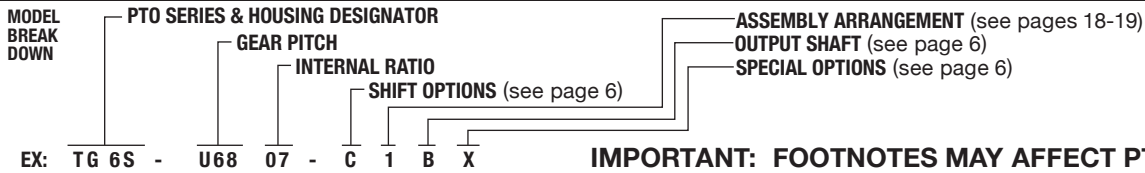
FOOTNOTES:

1 TG Series Input Gear: #03T34457 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	435*L (6.68 Low) Left side PTO aperture is optional and not available on all models. Footnote (1)						SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:		35T 8.1160P 20° PA 33°30' R.H. LOCATION: Rear PLMF: 1.083 PLV: 535 FPM RPM: 395			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-N8109-C2BX	2	Opp	45				23M60032S	Included	Cable	205	39
	TG6D-N8112-C2BH	2	Opp	55				23M60032S	Included	Cable	210	40
	TG6D-N8113-C2BH	2	Opp	63				23M60032S	Included	Cable	210	40
	TG6D-N8115-C2BH	2	Opp	71				23M60032S	Included	Cable	195	37
	TG6D-N8118-C2BH	2	Opp	85				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		ADAPTER NO LONGER AVAILABLE						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

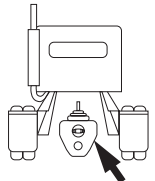



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 A few transmissions, case #96201, were produced with a non-standard left hand gear location which allows only one half inch gear engagement. PTO's are not recommended on this non-standard case. Other cases, not with this case number, provide full engagement and PTO applications are approved.
- 2 TG Series Input Gear: #03T34457 — Refer to kit program on pages 10 & 11.
- 3 Adapter requires PTO to be changed to "2" arrangement and "U68" input gear. TG series 12, 13, 15, 18 ratio requires S68 input + 23M60200S + 20MK6602.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION	542CD, 542DD, 542FD, 542GD (6.15 Low) (6.29 Low)* *Multiply PTO speed by .98	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 20T 6P 20° PA 17°40'41" R.H. LOCATION: Front PLMF: .939 PLV: 458 FPM RPM: 500	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N6009-C1BM	1, 2	Opp	40				23M60140S	20MK6602	Cable	205	39
	TG6S-N6012-C1BQ	1, 2	Opp	49				23M60140S	20MK6602	Cable	210	40
	TG6S-N6013-C1BQ	1, 2	Opp	56				23M60140S	20MK6602	Cable	210	40
	TG6S-N6015-C1BQ	1, 2	Opp	63				23M60140S	20MK6602	Cable	195	37
	TG6S-N6018-C1BQ	1, 2	Opp	75				23M60140S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

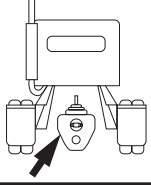



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

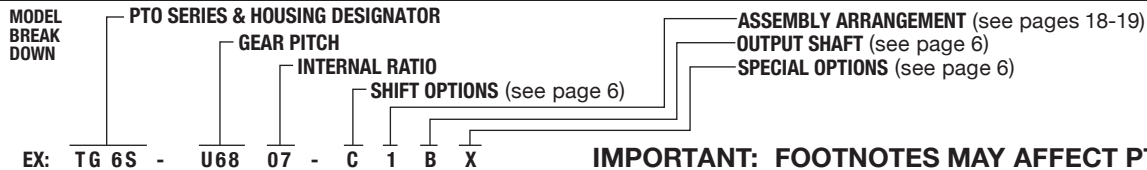
FOOTNOTES:

- 1 TG Series Input Gear: #03T34449 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 542CD, 542DD, 542FD, 542GD (6.15 Low) (6.29 Low)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 23T 6/8P 20° PA Spur LOCATION: Front PLMF: 1.075 PLV: 437 FPM RPM: 435				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6812-C3BH	1	Crnk	47					Included	Cable	210	40
	TG6S-U6813-C3BH	1	Crnk	54					Included	Cable	210	40
	TG6S-U6815-C3BH	1	Crnk	61					Included	Cable	195	37
	TG6S-U6818-C3BH	1	Crnk	72					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			40TU6810-2 + 23M60032S					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

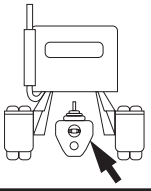



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

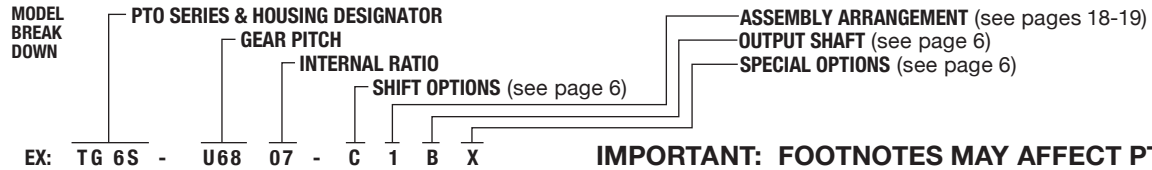
FOOTNOTES:

1 TG Series Input Gear: #03T34284 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		542CL, 542GL (7.24 Low) (7.33 Low)* *Multiply PTO speed by .98						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 20T 6P 20° PA 17°40'41" R.H. LOCATION: Front PLMF: .939 PLV: 389 FPM RPM: 425				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N6012-C1BQ	1, 2	Opp	42				23M60140S	20MK6602	Cable	210	40
	TG6S-N6013-C1BQ	1, 2	Opp	48				23M60140S	20MK6602	Cable	210	40
	TG6S-N6015-C1BQ	1, 2	Opp	54				23M60140S	20MK6602	Cable	195	37
	TG6S-N6018-C1BQ	1, 2	Opp	64				23M60140S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


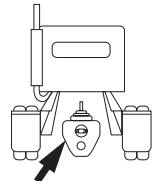


EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34449 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.

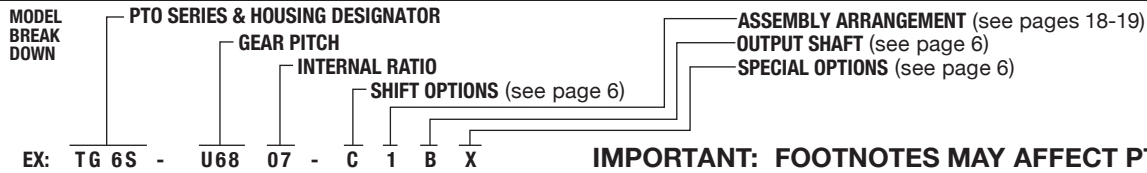
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	NEW PROCESS TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
542CL, 542GL (7.24 Low) (7.333 Low)		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 23T 6/8P 20° PA Spur LOCATION: Front PLMF: 1.075 PLV: 370 FPM RPM: 369	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6812-C3BH	1	Crnk	40					Included	Cable	210	40
	TG6S-U6813-C3BH	1	Crnk	46					Included	Cable	210	40
	TG6S-U6815-C3BH	1	Crnk	51					Included	Cable	195	37
	TG6S-U6818-C3BH	1	Crnk	61					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 40TU6810-2 + 23M60032S REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

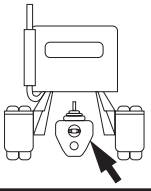



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

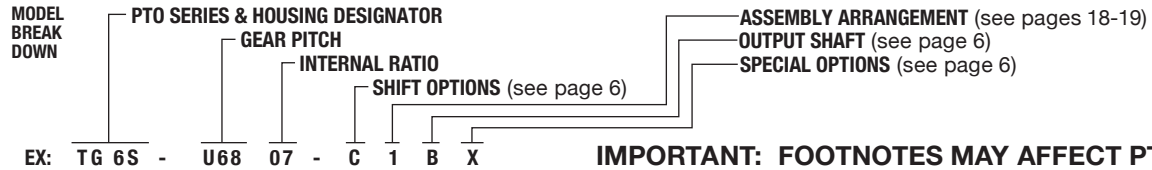
FOOTNOTES:

1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW PROCESS TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		542DL, 542FL (7.24 Low) (7.33 Low)* *Multiply PTO speed by .98						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								19T 6P 20° PA 17°40'41" R.H. LOCATION: Front PLMF: 1.050 PLV: 370 FPM RPM: 425				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N6012-C1BQ	1, 2	Opp	39				23M60032S	Included	Cable	210	40
	TG6S-N6013-C1BQ	1, 2	Opp	45				23M60032S	Included	Cable	210	40
	TG6S-N6015-C1BQ	1, 2	Opp	51				23M60032S	Included	Cable	195	37
	TG6S-N6018-C1BQ	1, 2	Opp	60				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


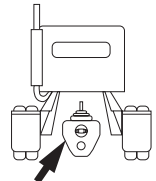


EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34449 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	NEW PROCESS TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
542DL, 542FL (7.24 Low) (7.33 Low)		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 23T 6/8P 20° PA Spur LOCATION: Front PLMF: 1.075 PLV: 370 FPM RPM: 369	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6812-C3BH	1	Crnk	40					Included	Cable	210	40
	TG6S-U6813-C3BH	1	Crnk	46					Included	Cable	210	40
	TG6S-U6815-C3BH	1	Crnk	51					Included	Cable	195	37
	TG6S-U6818-C3BH	1	Crnk	61					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 40TU6810-2 + 23M60032S REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



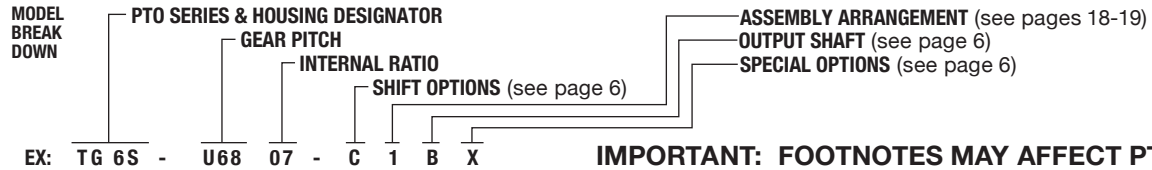
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		NV-4500, NV-4500HD (5.61 Low) (Chevy build date 2-17-94 & Later) Footnote (5, 6, 7)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 30T 7.94P 22.5° PA 30° R.H. LOCATION: Front PLMF: 1.114 PLV: 660 FPM RPM: 578				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N7907-C3BX	1, 2, 3, 4	Opp	42				23M60200S	20MK6603	Cable	230	44
	TG6S-N7908-C3BX	1, 2, 3, 4	Opp	51				23M60200S	20MK6603	Cable	230	44
	TG6S-N7909-C3BX	1, 2, 3, 4	Opp	53				23M60200S	20MK6603	Cable	205	39
	TG6S-N7912-C3BH	1, 2, 3, 4	Opp	65				23M60200S	20MK6603	Cable	210	40
	TG6S-N7913-C3BH	1, 2, 3, 4	Opp	74				23M60200S	20MK6603	Cable	210	40
	TG6S-N7915-C3BH	1, 2, 3, 4	Opp	84				23M60200S	20MK6603	Cable	195	37
	TG6S-N7918-C3BH	1, 2, 3, 4	Opp	99				23M60200S	20MK6603	Cable	175	33
	SH SERIES											
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		8	40TN7910-1 Change TG to N78 gear					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

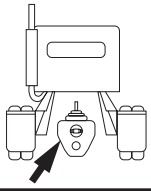

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



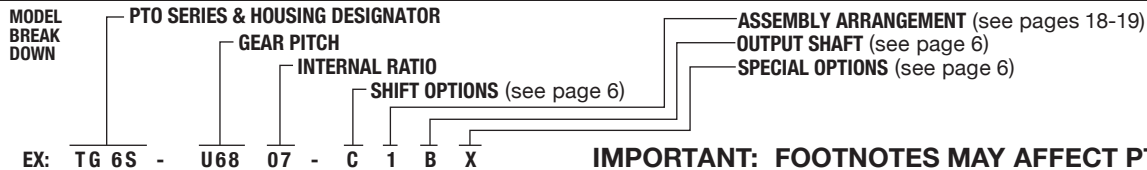
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T35489A — Refer to kit program on pages 10 & 11.
 - 2 Shaft high arrangement shown. Use "1" arrangement for direct mount pump applications.
 - 3 Lectra-Shift requires heat shield. Solenoid interferes with oil fill plug and can be removed for oil level check.
 - 4 For direct mount pump installations use "S" flange and PKS series pumps.
 - 5 Caution: This transmission requires a special oil available only from the dealer. Chrysler PN 4637579 or GM PN 12346190, 12346191.
 - 6 When removing the aperture cover, check for a magnet on the inside. If present mount cover to other side of transmission.
 - 7 Exhaust interference on GM Vortec gas engines.
 - 8 TG Series only-Input Gear: #03T37024. PTO spacer is not used with adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 NV-4500, NV-4500HD (5.61 Low) (Chevy build date 2-17-94 & Later) Footnote (4, 5, 6)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								30T 7.94P 22.5° PA 30° R.H.		PLMF: 1.114		
								LOCATION: Front		RPM: 578		
								PLV: 660 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N7907-C1BX	1, 2, 3	Opp	42				23M60200S	20MK6603	Cable	230	44
	TG6S-N7908-C1BX	1, 2, 3	Opp	51				23M60200S	20MK6603	Cable	230	44
	TG6S-N7909-C1BX	1, 2, 3	Opp	53				23M60200S	20MK6603	Cable	205	39
	TG6S-N7912-C1BH	1, 2, 3	Opp	65				23M60200S	20MK6603	Cable	210	40
	TG6S-N7913-C1BH	1, 2, 3	Opp	74				23M60200S	20MK6603	Cable	210	40
	TG6S-N7915-C1BH	1, 2, 3	Opp	84				23M60200S	20MK6603	Cable	195	37
	TG6S-N7918-C1BH	1, 2, 3	Opp	99				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		7	40TN7910-2 Change TG to N78, same arrangement					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

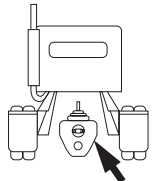



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35489A — Refer to kit program on pages 10 & 11.
- 2 Shaft high arrangement shown. Use "3" arrangement for direct mount pump applications.
- 3 For direct mount pump installations use "S" flange and PKS series pumps.
- 4 Caution: This transmission requires a special oil available only from the dealer. Chrysler PN 4637579 or GM PN 12346190, 12346191.
- 5 4 x 4 vehicles have driveshaft interference this side.
- 6 When removing the aperture cover, check for a magnet on the inside. If present mount cover to other side of transmission.
- 7 TG Series only-Input Gear: #03T37024. PTO spacer and stud kit (20MK6603) are not used with adapter.

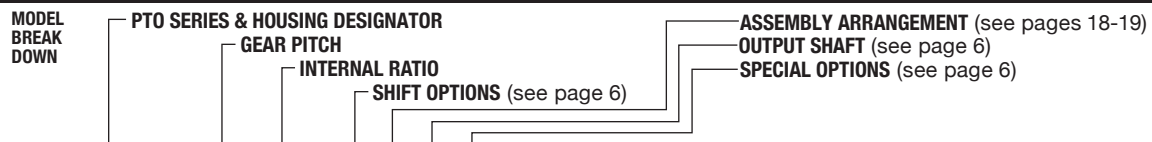
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
	NV-4500 (CHEVY) (6.34 Low) (Build date prior to 2-17-94) Footnote (4, 5)		SAE 6-BOLT OPENING
	PTO DRIVE GEAR DATA: 32T 7.99P 22.19° PA 29° R.H. LOCATION: Front PLMF: 1.007 PLV: 615 FPM RPM: 513		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N8007-C3BX	1, 2, 3	Opp	42				23M60093S	20MK6602	Cable	230	44
	TG6S-N8008-C3BX	1, 2, 3	Opp	52				23M60093S	20MK6602	Cable	230	44
	TG6S-N8009-C3BX	1, 2, 3	Opp	54				23M60093S	20MK6602	Cable	205	39
	TG6S-N8012-C3BH	1, 2, 3	Opp	66				23M60093S	20MK6602	Cable	210	40
	TG6S-N8013-C3BH	1, 2, 3	Opp	75				23M60093S	20MK6602	Cable	210	40
	TG6S-N8015-C3BH	1, 2, 3	Opp	85				23M60093S	20MK6602	Cable	195	37
	TG6S-N8018-C3BH	1, 2, 3	Opp	101				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T35488A — Refer to kit program on pages 10 & 11.
 - 2 Use "1" arrangement PTO for direct mount pump applications.
 - 3 Shaft high arrangement shown.
 - 4 Caution: This transmission requires a special oil available only from the dealer. GM PN 12345871, 12346074, 12346190, 12346191.
 - 5 When removing the aperture cover, check for a magnet on the inside. If present mount cover to other side of transmission.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION	 NV-4500 (CHEVY) (6.34 Low) (Build date prior to 2-17-94) Footnote (2, 3, 4)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 32T 7.99P 22.19° PA 29° R.H. LOCATION: Front PLMF: 1.007 PLV: 615 FPM RPM: 513	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N8007-C3BX	1	Opp	42				23M60093S	20MK6602	Cable	230	44
	TG6S-N8008-C3BX	1	Opp	52				23M60093S	20MK6602	Cable	230	44
	TG6S-N8009-C3BX	1	Opp	54				23M60093S	20MK6602	Cable	205	39
	TG6S-N8012-C3BH	1	Opp	66				23M60093S	20MK6602	Cable	210	40
	TG6S-N8013-C3BH	1	Opp	75				23M60093S	20MK6602	Cable	210	40
	TG6S-N8015-C3BH	1	Opp	85				23M60093S	20MK6602	Cable	195	37
	TG6S-N8018-C3BH	1	Opp	101				23M60093S	20MK6602	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

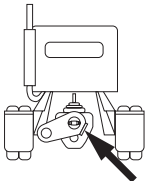

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



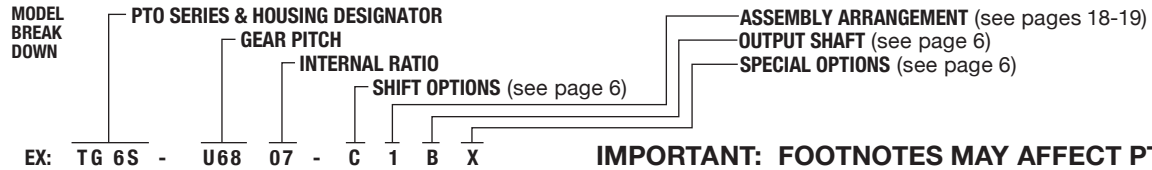
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T35488A — Refer to kit program on pages 10 & 11.
 - 2 Cross member interference for remote driveline, use this side for direct mount pump.
 - 3 Caution: This transmission requires a special oil available only from the dealer. GM PN 12345871, 12346074, 12346190, 12346191.
 - 4 When removing the aperture cover, check for a magnet on the inside. If present mount cover to other side of transmission.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		241HD TRANSFER CASE Footnote (2, 3, 4)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 38T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 609 FPM RPM: 367				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6004-C1BV	1, 6	Crnk	21					Included	Cable	285	54
	TG6S-U6005-C1BV	1, 6	Crnk	27					Included	Cable	270	51
	TG6S-U6006-C1BV	1, 6	Crnk	35					Included	Cable	245	47
	TG6S-U6007-C1BV	1, 6	Crnk	42					Included	Cable	230	44
	TG6S-U6008-C1BV	1, 6	Crnk	51					Included	Cable	230	44
	TG6S-U6009-C1BV	1, 6	Crnk	53					Included	Cable	205	39
	TG6S-U6012-C1BV	1, 6	Crnk	65					Included	Cable	210	40
	TG6S-U6013-C1BV	1, 6	Crnk	74					Included	Cable	210	40
	TG6S-U6015-C1BV	1, 6	Crnk	84					Included	Cable	195	37
	TG6S-U6018-C1BV	1, 6	Crnk	100					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6803-L3BX	5	Crnk	15		15		23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	5	Crnk	32		32		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

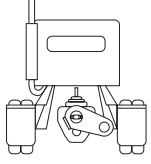

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34285 — Refer to kit program on pages 10 & 11.
 - 2 Shaft speeds shown are with main transmission in direct drive. Rotation and speeds will vary with main transmission gear selection.
 - 3 Stationary, continuous duty applications may require the use of an external oil cooler. Order 43MK8205 oil cooler kit separately.
 - 4 Refer to the vehicle operator's manual for the correct oil to use in this transfer case.
 - 5 Not for use on continuous duty applications.
 - 6 Optional: U60 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		241HD TRANSFER CASE						PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

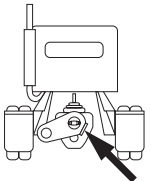

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



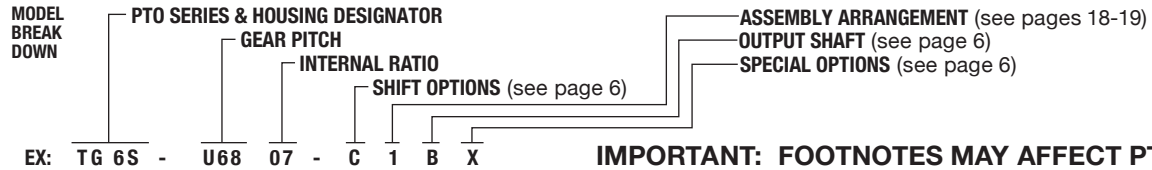
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		NV021 Footnote (2, 3, 4)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 38T 6P 20° PA Spur LOCATION: Front PLMF: 1.085 PLV: 1658 FPM RPM: 1,000				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6004-C1BE	1, 6	Crnk	57					Included	Cable	285	54
	TG6S-U6005-C1BE	1, 6	Crnk	74					Included	Cable	270	51
	TG6S-U6006-C1BE	1, 6	Crnk	97					Included	Cable	245	47
	TG6S-U6007-C1BE	1, 6	Crnk	114					Included	Cable	230	44
	TG6S-U6008-C1BE	1, 6	Crnk	140					Included	Cable	230	44
	TG6S-U6009-C1BE	1, 6	Crnk	146					Included	Cable	205	39
	TG6S-U6012-C1BE	1, 6	Crnk	179					Included	Cable	210	40
	TG6S-U6013-C1BE	1, 6	Crnk	204					Included	Cable	210	40
	TG6S-U6015-C1BE	1, 6	Crnk	230					Included	Cable	195	37
TG6S-U6018-C1BE	1, 6	Crnk	272					Included	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6803-L3BX	5	Crnk	42		42		23M60200S	20MK6602	Lever	200	38
	RL6D-U6805-L3BX	5	Crnk	86		86		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


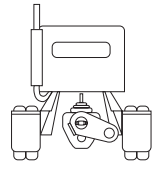
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34285 — Refer to kit program on pages 10 & 11.
 - 2 Shaft speeds shown are with main transmission in direct drive. Rotation and speeds will vary with main transmission gear selection.
 - 3 Stationary, continuous duty applications may require the use of an external oil cooler. Order 43MK8205 oil cooler kit separately.
 - 4 Refer to the vehicle operator's manual for the correct oil to use in this PTO adapter case.
 - 5 Not for use on continuous duty applications.
 - 6 Optional: U60 Input Gear can be replaced by S68 Input Gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

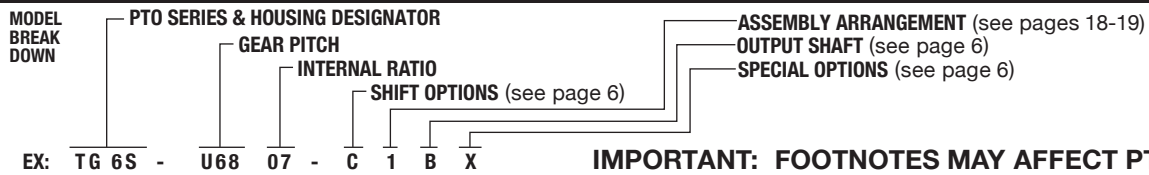
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	NEW VENTURE TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	NV021	PTO DRIVE GEAR DATA:	
		LOCATION: PLV:	PLMF: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

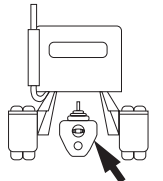

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

NEW VENTURE TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 57T 10.4P 20° PA 34.5° R.H. LOCATION: Rear PLMF: 1.085 PLV: 1006 FPM RPM: 578	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N1006-C2BM	1, 2	Opp	57				23M60032S	Included	Cable	245	47
	TG6S-N1007-C2BM	1, 2	Opp	68				23M60032S	Included	Cable	230	44
	TG6S-N1008-C2BM	1, 2	Opp	83				23M60032S	Included	Cable	230	44
	TG6S-N1009-C2BM	1, 2	Opp	87				23M60032S	Included	Cable	205	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

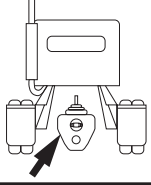



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T37655A — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference mounted to forward side of PTO idler shaft. Capscrew interferes with transmission and transmission needs to be ground to obtain clearance. PTO ratios above 09 ratio have gear interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

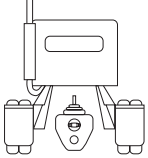

NEW VENTURE TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		NV-5600						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.085
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N1006-C4BM	1, 2, 3	Opp	57				23M60032S	Included	Cable	245	47
	TG6S-N1007-C4BM	1, 2, 3	Opp	68				23M60032S	Included	Cable	230	44
	TG6S-N1008-C4BM	1, 2, 3	Opp	83				23M60032S	Included	Cable	230	44
	TG6S-N1009-C4BM	1, 2, 3	Opp	87				23M60032S	Included	Cable	205	39
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T37655A — Refer to kit program on pages 10 & 11.
 - 2 PTO supplied with special idler plate due to transmission interference mounted to forward side of PTO idler shaft. Capscrew interferes with transmission and transmission needs to be ground to obtain clearance. Ratios above 09 ratio have gear interference.
 - 3 Use shaft high arrangement "2" for Lectra-Shift clearance.

UD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		TMH 263				PTO DRIVE GEAR DATA:		
		LOCATION: PLV:		PLMF: RPM:				

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

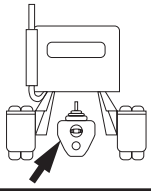



EX: TG 6S - U68 07 - C 1 B X

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
		TMH 263						SAE 6-BOLT OPENING					
								PTO DRIVE GEAR DATA:				PLMF: 1.085 RPM: 386	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG6S-U6809-C3BX	1, 2	Crnk	34						20MKM602	Cable	205	39
	TG6S-U6812-C3BH	1, 2	Crnk	42						20MKM602	Cable	210	40
	TG6S-U6813-C3BH	1, 2	Crnk	48						20MKM602	Cable	210	40
	TG6S-U6815-C3BH	1, 2	Crnk	54						20MKM602	Cable	195	37
	TG6S-U6818-C3BH	1, 2	Crnk	64						20MKM602	Cable	175	33
SH SERIES													
CLUTCH SHIFT													
1 FWD. 1 REV.	RG6D-U6813-L3BX	2, 3	Opp	54		41			23M60200S	20MKM603	Lever	140	26
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

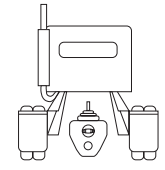



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Metric Stud Kit shown.
- 3 Do not use for continuous duty applications.

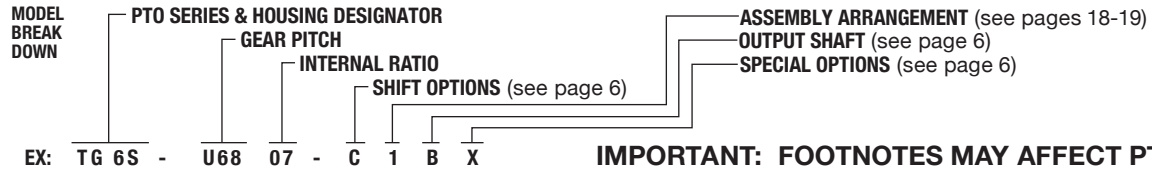
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION	TMH-704, TMH-762 MHS-50U, MHS-60A, MHS-61A, MHS-62A, MHS-63A	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
		PTO DRIVE GEAR DATA: LOCATION: _____ PLMF: _____ PLV: _____ RPM: _____	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

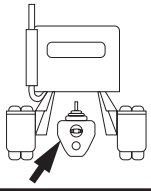

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		TMH-704, TMH-762 MHS-50U, MHS-60A, MHS-61A, MHS-62A, MHS-63A						METRIC 4-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								23T 6.35P 20° Spur LOCATION: Center PLV: 280 FPM		PLMF: -.827 RPM: 296		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U8012-C3BH	1, 2, 3	Opp	53			40TN6380		Included	Cable	126	24
	TG6S-U8013-C3BH	1, 2, 3	Opp	60			40TN6380		Included	Cable	115	22
	TG6S-U8015-C3BH	1, 2, 3	Opp	67			40TN6380		Included	Cable	112	21
	TG6S-U8018-C3BH	1, 2, 3	Opp	80			40TN6380		Included	Cable	100	19
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

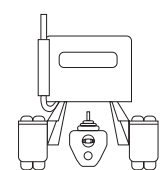



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Adapter required to mount PTO.
- 2 TG Series Input Gear: #03T35107 — Refer to kit program on pages 10 & 11.
- 3 HP and torque derated due to transmission capabilities.

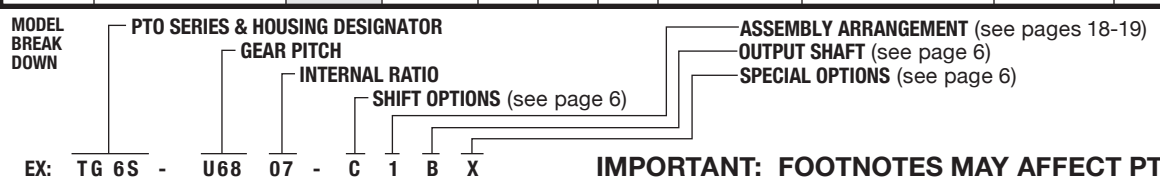
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	MLS-61A, MLS-61B, MLS-62B, MLS-63B	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

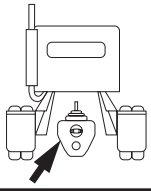

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	MLS-61A, MLS-61B, MLS-62B, MLS-63B (1999 and Later) Footnotes (2, 3, 4, 5, 6)							METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								25T 5.64P 22.5°PA Spur	PLMF: -.835			
								LOCATION: Center	RPM: 270			
								PLV: 313 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6A-N5613-N4BH	1	Crnk	55					Included	Elec/Air	119	23
	TG6A-N5615-N4BH	1	Crnk	62					Included	Elec/Air	105	20
	TG6A-N5618-N4BH	1	Crnk	73					Included	Elec/Air	91	17
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

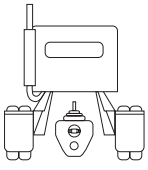

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35730 — Refer to kit program on pages 10 & 11.
- 2 Requires special adapter plate 29TK3863 to mount PTO to transmission. Included with PTO.
- 3 Nissan recommends electric/air activation which is designed to allow engagement only when clutch pedal is depressed. The "N" shift option (48TK4518) contains only the Muncie Power air activation components. The Nissan components are sold separately. 1999-2002 model vehicles order 48TK4517 separately. 2003-2004 model vehicles order 48TK4516 separately. 2005-2010 model vehicle order 48TK4693, 2011 & later order 48TK5326.
- 4 Torque rating of PTO's are derated due to limitations of transmission drive gear.
- 5 For chassis year prior to 1999, use standard Electric/Air kit option designator "E". PTO is installed separate of the Nissan system and their components are not used.
- 6 Vehicles prior to 2005 model year with plastic airlines can use kit 44TK4607 to make air connection.

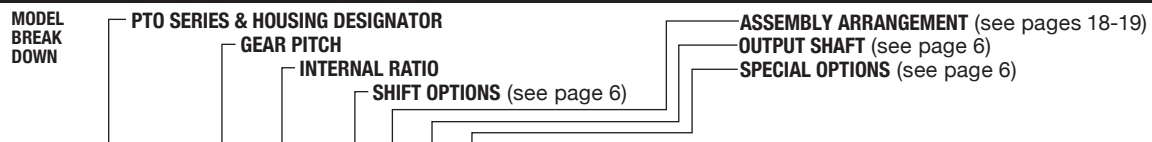
UD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MES-50A				PTO DRIVE GEAR DATA:		
						LOCATION: PLV:	PLMF: RPM:	

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

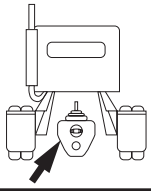

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MES-50A Footnote (2)						METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 9.27P 20° PA 25° R.H. LOCATION: Center PLMF: 2.937 PLV: 672 FPM RPM: 634				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N9207-C3BX	1, 3	Crnk	57			40TN9200	23M60240S+23T36704	20MK6604	Cable	205	39
	TG6S-N9208-C3BX	1, 3	Crnk	70			40TN9200	23M60240S+23T36704	20MK6604	Cable	205	39
	TG6S-N9209-C3BX	1, 3	Crnk	73			40TN9200	23M60240S+23T36704	20MK6604	Cable	195	37
	TG6S-N9212-C3BH	1, 3	Crnk	93			40TN9200	23M60240S+23T36704	20MK6604	Cable	155	29
	TG6S-N9213-C3BH	1, 3	Crnk	106			40TN9200	23M60240S+23T36704	20MK6604	Cable	138	26
	TG6S-N9215-C3BH	1, 3	Crnk	120			40TN9200	23M60240S+23T36704	20MK6604	Cable	120	23
TG6S-N9218-C3BH	1, 3	Crnk	137			40TN9200	23M60240S+23T36704	20MK6604	Cable	105	20	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

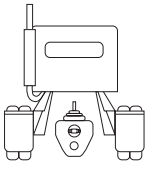

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T36591 — Refer to kit program on pages 10 & 11.
- 2 Torque ratings of PTO are derated due to limitations of transmission drive gear.
- 3 Spacer 23T36704 mounts between the adapter and transmission.

UD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		MES-50B				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:		

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

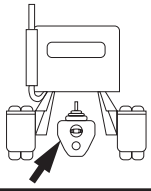

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



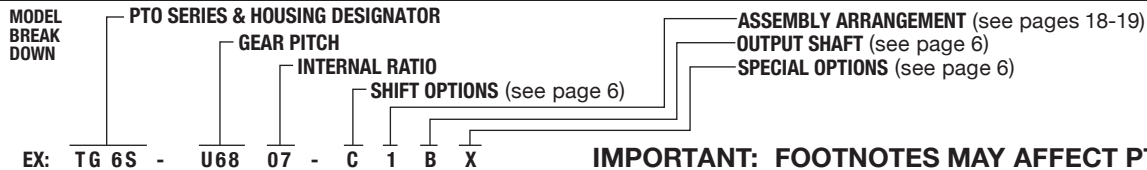
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MES-50B Footnote (2)						METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 33T 9.27P 20° PA 25° R.H. LOCATION: Center PLMF: 2.997 PLV: 668 FPM RPM: 650				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N9207-C3BX	1	Crnk	57			40TN9200	23M60240S	20MK6604	Cable	205	39
	TG6S-N9208-C3BX	1	Crnk	70			40TN9200	23M60240S	20MK6604	Cable	205	39
	TG6S-N9209-C3BX	1	Crnk	73			40TN9200	23M60240S	20MK6604	Cable	195	37
	TG6S-N9212-C3BH	1	Crnk	93			40TN9200	23M60240S	20MK6604	Cable	155	29
	TG6S-N9213-C3BH	1	Crnk	106			40TN9200	23M60240S	20MK6604	Cable	138	26
	TG6S-N9215-C3BH	1	Crnk	120			40TN9200	23M60240S	20MK6604	Cable	120	23
	TG6S-N9218-C3BH	1	Crnk	137			40TN9200	23M60240S	20MK6604	Cable	105	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

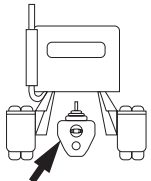



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T36591 — Refer to kit program on pages 10 & 11.
- 2 Torque ratings of PTO are derated due to limitations of transmission drive gear.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		MES-50C Footnotes (2)						METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 32T 9.27P 20° PA 25° R.H. LOCATION: Center PLMF: 3.030 PLV: 627 FPM RPM: 610				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-N9207-C3BX	1	Crnk	54			40TN9200	23M60240S	20MK6604	Cable	205	39
	TG6S-N9208-C3BX	1	Crnk	66			40TN9200	23M60240S	20MK6604	Cable	205	39
	TG6S-N9209-C3BX	1	Crnk	69			40TN9200	23M60240S	20MK6604	Cable	195	37
	TG6S-N9212-C3BH	1	Crnk	87			40TN9200	23M60240S	20MK6604	Cable	155	29
	TG6S-N9213-C3BH	1	Crnk	99			40TN9200	23M60240S	20MK6604	Cable	138	26
	TG6S-N9215-C3BH	1	Crnk	112			40TN9200	23M60240S	20MK6604	Cable	120	23
	TG6S-N9218-C3BH	1	Crnk	128			40TN9200	23M60240S	20MK6604	Cable	105	20
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

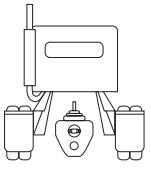


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T36591 — Refer to kit program on pages 10 & 11.
- 2 Torque ratings are derated due to limitations of transmission drive gear.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
MPS-62T								PTO DRIVE GEAR DATA:				
								LOCATION: PLV:	PLMF: RPM:			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				


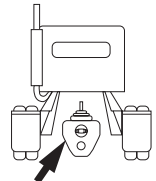
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

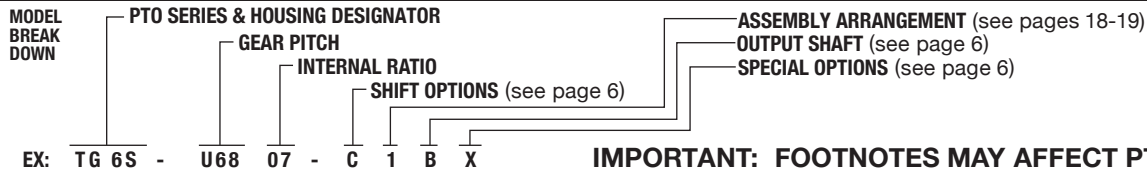
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	<h1>UD TRANSMISSION</h1>	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
<h2>MPS-62T</h2>		METRIC 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 42T 6.35P 22.5° PA 23° R.H. LOCATION: Center PLMF: 2.33 PLV: 801 FPM RPM: 426	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PZ6B-32835-A3BX	1, 2	Opp	90					Included	Air	180	34
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

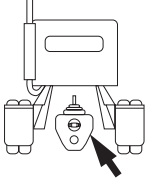



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

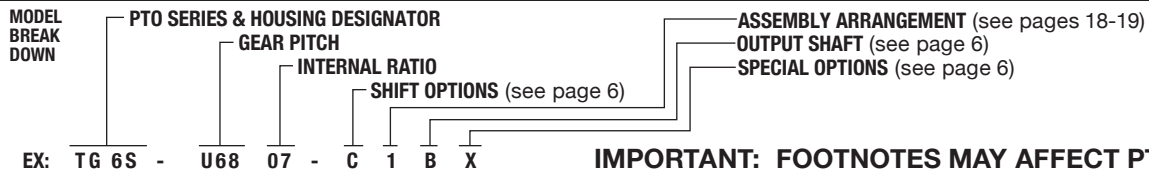
FOOTNOTES:

- 1 Available with 1000 Series companion Flange ("B" option) or Direct Mount SAE "B" ("K" option) only.
- 2 This PTO is available in air shift only.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		MPS-60B						PTO DRIVE GEAR DATA:				
		LOCATION:			PLMF:			RPM:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION									REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			


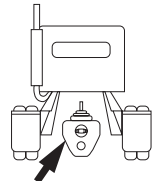
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	UD TRANSMISSION	LEFT SIDE OPENING ONLY (RIGHT SIDE TURN PAGE)	
MPS-60B Footnote (2)		METRIC 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 28T 20° PA Spur LOCATION: REAR PLMF: PLV: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC8S-P2373-A3BX	1	OPP	105					INCLUDED	AIR	225	43
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

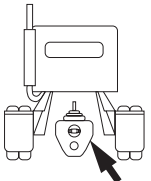



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- "B" output shaft is 1000 Series companion flange. SAE - B Hydraulic mount option "K" is available. See page 29 in General Information.
- Air Shift PTO option only.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		MPS-63B						PTO DRIVE GEAR DATA:				
		LOCATION: PLV:			PLMF: RPM:							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION										REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX		

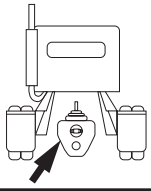

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

UD TRANSMISSION								LEFT SIDE OPENING ONLY (RIGHT SIDE TURN PAGE)				
		MPS-63B						METRIC 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
		LOCATION: PLV:		PLMF: RPM:								
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PZ6S-32835-A3BX	1, 2	OPP	128				205S6960000	205C6950000	AIR	184	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

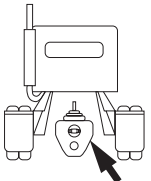



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Output is 1000 Series companion flange. Direct Mount "K" option is available.
- 2 Air Shift option shown, cable shift option is available.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

PT TECH TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		HPTO 14T-220SX-12VS-0						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
		41T 6.0P 20° PA Spur			PLMF: 1.083							
		LOCATION: Front			RPM: 1,000							
		PLV: 1789 FPM										
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6806-M1PG	1, 2	Crnk	104					Included	None	245	47
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

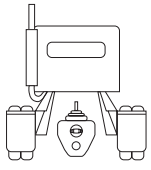



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

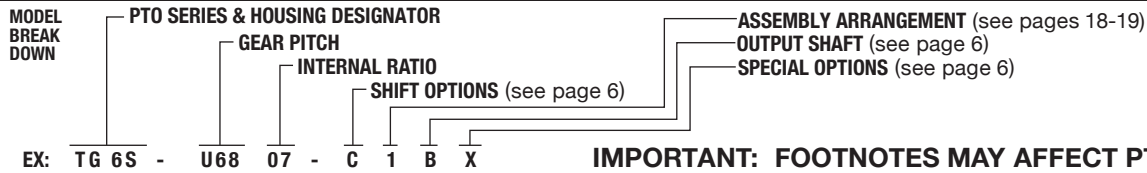
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 These are engine driven PTO's. The PTO drive gears and pad must be specially ordered. Constant mesh option "M" is shown for this application. Greasable SAE B-B shaft (1" 15T spline) is recommended as shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

PT TECH TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		HPTO 14T-220SX-12VS-0						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				LOCATION: PLV:	PLMF: RPM:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

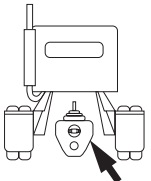

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



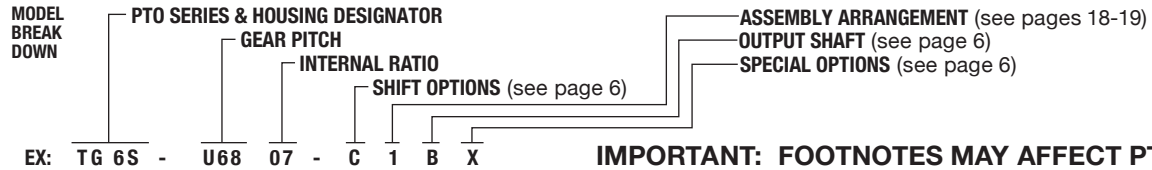
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

RENAULT TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		G405-1, T-105 (MACK)						SAE 6-BOLT METRIC OPENING				
								PTO DRIVE GEAR DATA: 37T 6.7733P 22.5°PA 23.8656° R.H. LOCATION: Front PLMF: 1.024 PLV: 960 FPM RPM: 614				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-R6805-C1BX	1, 2	Opp	44					20MKM104	Cable	270	51
	TG6S-R6806-C1BX	1, 2	Opp	58					20MKM104	Cable	245	47
	TG6S-R6807-C1BX	1, 2	Opp	68					20MKM104	Cable	230	44
	TG6S-R6808-C1BX	1, 2	Opp	83					20MKM104	Cable	230	44
	TG6S-R6809-C1BX	1, 2	Opp	87					20MKM104	Cable	205	39
	TG6S-R6812-C1BH	1, 2	Opp	107					20MKM104	Cable	210	40
	TG6S-R6813-C1BH	1, 2	Opp	122					20MKM104	Cable	210	40
	TG6S-R6815-C1BH	1, 2	Opp	137					20MKM104	Cable	195	37
	TG6S-R6818-C1BH	1, 2	Opp	162					20MKM104	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

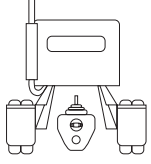



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

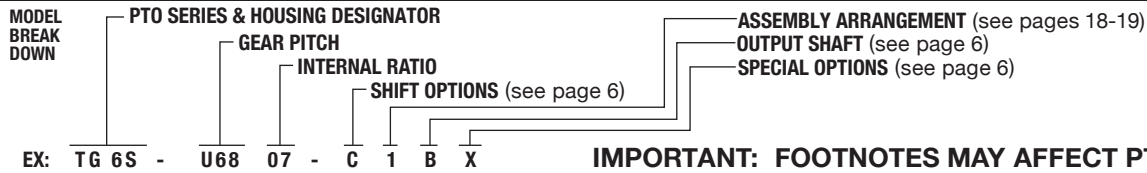
FOOTNOTES:

- 1 TG Series Input Gear: #03T35360 — Refer to kit program on pages 10 & 11.
- 2 Metric Stud Kit shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

RENAULT TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 G405-1, T-105 (MACK)								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

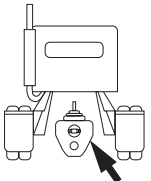

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

RENAULT TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)							
 G405-0, T-105A (MACK) G406-0, T-1060A (MACK)								SAE 6-BOLT METRIC OPENING							
								6-BOLT TYPE		PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
						HI	LO	REV						TORQUE	HP
SINGLE GEAR															
SINGLE SPEED MULTI GEAR		TG6S-R6806-C1BX		1, 2	Opp	52					20MKM104	Cable	245	47	
		TG6S-R6807-C1BX		1, 2	Opp	61					20MKM104	Cable	230	44	
		TG6S-R6808-C1BX		1, 2	Opp	75						20MKM104	Cable	230	44
		TG6S-R6809-C1BX		1, 2	Opp	78						20MKM104	Cable	205	39
		TG6S-R6812-C1BH		1, 2	Opp	96						20MKM104	Cable	210	40
		TG6S-R6813-C1BH		1, 2	Opp	109						20MKM104	Cable	210	40
		TG6S-R6815-C1BH		1, 2	Opp	123						20MKM104	Cable	195	37
		TG6S-R6818-C1BH		1, 2	Opp	145						20MKM104	Cable	175	33
SH SERIES															
CLUTCH SHIFT															
1 FWD. 1 REV.															
ADAPTER TO CHANGE ROTATION				No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX							

8-BOLT TYPE								PTO MODEL NUMBER		FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
						HI	LO	REV										TORQUE	HP	
SINGLE SPEED MULTI GEAR																				
1 FWD. 1 REV.																				

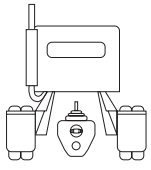



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T35360 — Refer to kit program on pages 10 & 11.
- 2 Metric Stud Kit shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

RENAULT TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		G405-0, T-105A (MACK) G406-0, T-1060A (MACK)						PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION											REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX	

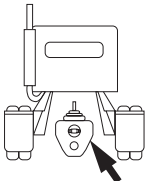

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

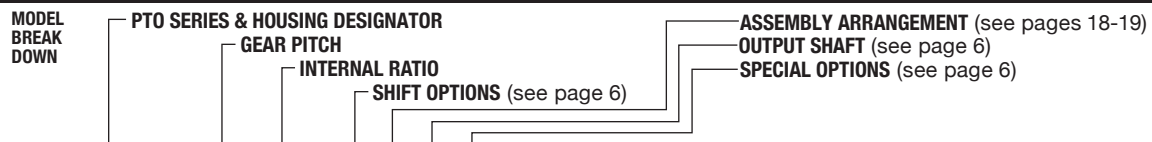
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

RENAULT TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
 BDSL-2052R						METRIC 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P2039-A1KX	1	OPP	75					INCLUDED	AIR	184	35
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

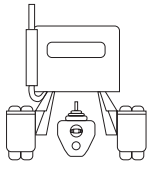



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

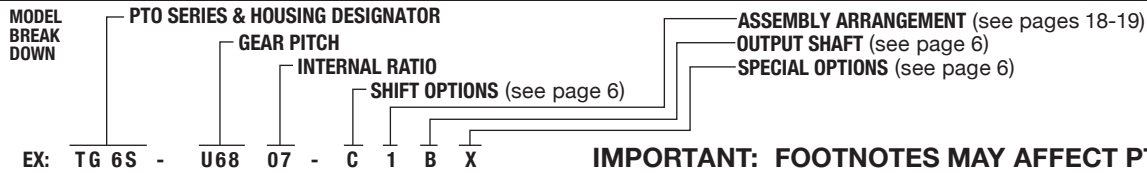
FOOTNOTES:

- 1 Direct Mount SAE B option shown. See page 29 in General Information. 100 series companion flange available, output option "B".
- 2 Air Shift option available.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

RENAULT TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		BDSL-2052R						PTO DRIVE GEAR DATA:				
		LOCATION: PLV:			PLMF: RPM:							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

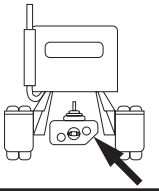

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



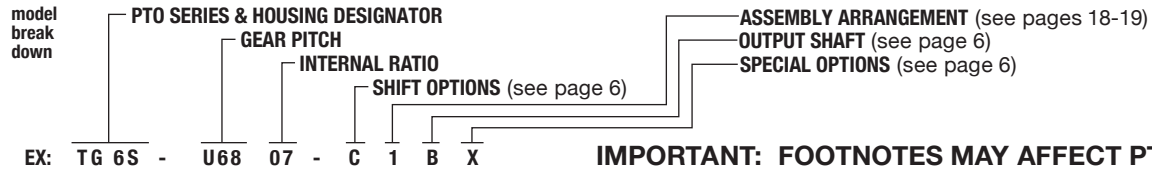
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1007-2A (301117, 301206), 1062A (301101), 1064A (301102), 1207-2A (301195), 1362A (301169), 1462A (301173)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur LOCATION: Front PLMF: 1.471 PLV: 982 FPM RPM: 500				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 4	Crnk	44			40TU6800	23M61500+23M60093S	20MK6627	Cable	270	51
	TG6S-U6806-C1BX	1, 4	Crnk	57			40TU6800	23M61500+23M60093S	20MK6627	Cable	245	47
	TG6S-U6807-C1BX	1, 4	Crnk	68			40TU6800	23M61500+23M60093S	20MK6627	Cable	230	44
	TG6S-U6808-C1BX	1, 4	Crnk	83			40TU6800	23M61500+23M60093S	20MK6627	Cable	230	44
	TG6S-U6809-C1BX	1, 4	Crnk	87			40TU6800	23M61500+23M60093S	20MK6627	Cable	205	39
	TG6S-U6812-C1BH	1, 4	Crnk	107			40TU6800	23M61500+23M60093S	20MK6627	Cable	210	40
	TG6S-U6813-C1BH	1, 4	Crnk	122			40TU6800	23M61500+23M60093S	20MK6627	Cable	210	40
	TG6S-U6815-C1BH	1, 4	Crnk	137			40TU6800	23M61500+23M60093S	20MK6627	Cable	195	37
TG6S-U6818-C1BH	1, 4	Crnk	162			40TU6800	23M61500+23M60093S	20MK6627	Cable	175	33	
SH SERIES	SH6S-U6807-E1BX	4	Crnk	65			40TU6800	23M61500+23M60093S	20MK6627	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Crnk	81			40TU6800	23M61500+23M60093S	20MK6627	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Crnk	107			40TU6800	23M61500+23M60093S	20MK6627	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	4	Crnk	65			40TU6800	23M61500+23M60093S	20MK6627	Power	300	57
	CS6S-U6809-E1BX	4	Crnk	81			40TU6800	23M61500+23M60093S	20MK6627	Power	275	52
	CS6S-U6812-E1BX	4	Crnk	107			40TU6800	23M61500+23M60093S	20MK6627	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	2, 5	Crnk	51		51	40TU6800	23M61500+23M60093S	20MK6629	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

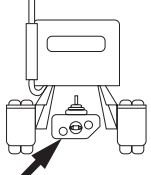

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



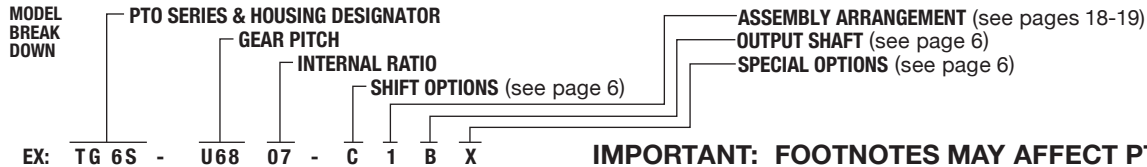
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Requires 23M60200S spacer between PTO and adapter. Not supplied.
 - 3 Requires 23M60032S spacer between PTO and adapter. Not supplied.
 - 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M60200S and stud kit 20MK6629.
 - 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		1007-2A (301117, 301206), 1062A (301101), 1064A (301102), 1207-2A (301195), 1362A (301169), 1462A (301173)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° PA Spur	PLMF: 1.316			
								LOCATION: Front	RPM: 500			
								PLV: 982 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 2	Crnk	44			40TU6886-1	23M80062	Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2	Crnk	57			40TU6886-1	23M80062	Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2	Crnk	68			40TU6886-1	23M80062	Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2	Crnk	83			40TU6886-1	23M80062	Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2	Crnk	87			40TU6886-1	23M80062	Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2	Crnk	107			40TU6886-1	23M80062	Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2	Crnk	122			40TU6886-1	23M80062	Included	Cable	210	40
	TG6S-U6815-C1BH	1, 2	Crnk	137			40TU6886-1	23M80062	Included	Cable	195	37
	TG6S-U6818-C1BH	1, 2	Crnk	162			40TU6886-1	23M80062	Included	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	2	Crnk	65			40TU6886-1	23M80062	Included	Elec/Air	400	76
	SH6S-U6809-E1BX	2	Crnk	81			40TU6886-1	23M80062	Included	Elec/Air	375	71
	SH6S-U6812-E1BX	2	Crnk	107			40TU6886-1	23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	2	Crnk	65			40TU6886-1	23M80062	Included	Power	300	57
	CS6S-U6809-E1BX	2	Crnk	81			40TU6886-1	23M80062	Included	Power	275	52
	CS6S-U6812-E1BX	2	Crnk	107			40TU6886-1	23M80062	Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

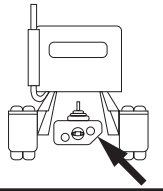



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

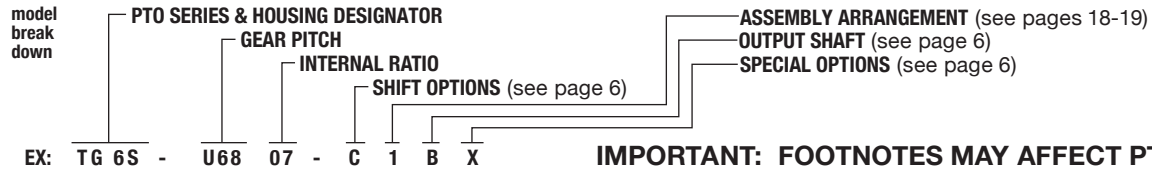
FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1010-2A (301111), 1010-4A (301112), 1020-2A (301123), 1020-4A (301124), 1410-2A (301288, 301161)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 49T 6P 20° PA Spur LOCATION: Front PLMF: 1.138 PLV: 1029 FPM RPM: 481				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6805-C1BX	1	Opp	42				23M60140S	20MK6602	Cable	270	51
	TG6D-S6806-C1BX	1	Opp	55				23M60140S	20MK6602	Cable	245	47
	TG6D-S6807-C1BX	1	Opp	65				23M60140S	20MK6602	Cable	230	44
	TG6D-S6808-C1BX	1	Opp	80				23M60140S	20MK6602	Cable	230	44
	TG6D-S6809-C1BX	1	Opp	83				23M60140S	20MK6602	Cable	205	39
	TG6D-S6812-C1BH	1	Opp	102				23M60140S	20MK6602	Cable	210	40
	TG6D-S6813-C1BH	1	Opp	116				23M60140S	20MK6602	Cable	210	40
	TG6D-S6815-C1BH	1	Opp	131				23M60140S	20MK6602	Cable	195	37
	TG6D-S6818-C1BH	1	Opp	155				23M60140S	20MK6602	Cable	175	33
SH SERIES	SH6D-S6807-E1BX		Opp	63				23M60140S	20TK4433	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	78				23M60140S	20TK4433	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	104				23M60140S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6D-S6807-E1BX		Opp	63				23M60140S	20TK4433	Power	300	57
	CS6D-S6809-E1BX		Opp	78				23M60140S	20TK4433	Power	275	52
	CS6D-S6812-E1BX		Opp	104				23M60140S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	54		54		23M60140S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6800 + 23M61500 + 23M60450 + 20MK6629					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

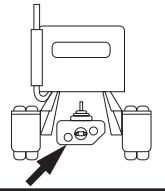



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series and SH Series to U68 input gear. 23M60200S + 20MK6631 required for RL on PTO side of adapter.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		1010-2A (301111), 1010-4A (301112), 1020-2A (301123), 1020-4A (301124), 1410-2A (301288, 301161)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								49T 6P 20° PA Spur	PLMF: .983			
								LOCATION: Front	RPM: 481			
								PLV: 1029 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8D-S6805-C1BX	1	Opp	42					Included	Cable	270	51
	TG8D-S6806-C1BX	1	Opp	55					Included	Cable	245	47
	TG8D-S6807-C1BX	1	Opp	65					Included	Cable	230	44
	TG8D-S6808-C1BX	1	Opp	80					Included	Cable	230	44
	TG8D-S6809-C1BX	1	Opp	83					Included	Cable	205	39
	TG8D-S6812-C1BH	1	Opp	102					Included	Cable	210	40
	TG8D-S6813-C1BH	1	Opp	116					Included	Cable	210	40
	TG8D-S6815-C1BH	1	Opp	131					Included	Cable	195	37
	TG8D-S6818-C1BH	1	Opp	155					Included	Cable	175	33
SH SERIES	SH8D-S6807-E1BX		Opp	63					Included	Elec/Air	400	76
	SH8D-S6809-E1BX		Opp	78					Included	Elec/Air	375	71
	SH8D-S6812-E1BX		Opp	104					Included	Elec/Air	325	62
	SH8D-S6813-E1BX		Opp	120					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8D-S6807-E1BX		Opp	63					Included	Power	300	57
	CS8D-S6809-E1BX		Opp	78					Included	Power	275	52
	CS8D-S6812-E1BX		Opp	104					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	54		54	29MK8248	23M60062S	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80375 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

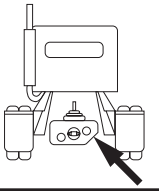



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

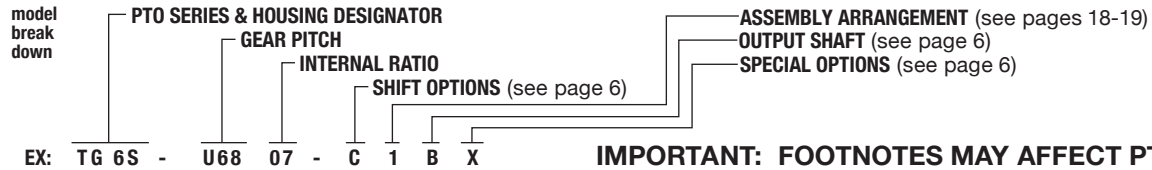
FOOTNOTES:

- TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing and U68 input (TG6S, CS6S and SH6S respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1010-3B (301115), 1020-3A (301125), 1020-5A (301126), 1410-3B (301165) Footnote (1)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 6P 20° PA Spur LOCATION: Front PLMF: 1.221 PLV: 1309 FPM RPM: 625				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6804-C1BX	2	Opp	41				23M60062S	Included	Cable	285	54
	TG6D-S6805-C1BX	2	Opp	54				23M60062S	Included	Cable	270	51
	TG6D-S6806-C1BX	2	Opp	70				23M60062S	Included	Cable	245	47
	TG6D-S6807-C1BX	2	Opp	83				23M60062S	Included	Cable	230	44
	TG6D-S6808-C1BX	2	Opp	102				23M60062S	Included	Cable	230	44
	TG6D-S6809-C1BX	2	Opp	106				23M60062S	Included	Cable	205	39
	TG6D-S6812-C1BH	2	Opp	130				23M60062S	Included	Cable	210	40
	TG6D-S6813-C1BH	2	Opp	148				23M60062S	Included	Cable	210	40
	TG6D-S6815-C1BH	2	Opp	167				23M60062S	Included	Cable	195	37
	TG6D-S6818-C1BH	2	Opp	198				23M60062S	Included	Cable	175	33
SH SERIES	SH6D-S6807-E1BX		Opp	80				23M60062S	Included	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	100				23M60062S	Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	132				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6D-S6807-E1BX		Opp	80				23M60062S	Included	Power	300	57
	CS6D-S6809-E1BX		Opp	100				23M60062S	Included	Power	275	52
	CS6D-S6812-E1BX		Opp	132				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Opp	68		68		23M60062S	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6800 + 23M61500 + 23M60270 + 20MK6629					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

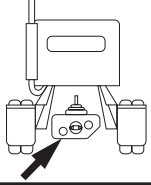



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speeds shown are with transmission in low range. For speeds in high range, multiply by 1.28.
- TG Series Input Gear: #03T94243 – Refer to kit program on pages 10 & 11.
- Change TG Series, CS Series and SH Series to U68 input gear. RL Series requires 23M60200S + 20MK6631 on PTO side of adapter.
- Requires 23M60032S spacer between PTO and adapter. Not supplied.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		1010-3B (301115), 1020-3A (301125), 1020-5A (301126), 1410-3B (301165) Footnote (1)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 6P 20° PA Spur LOCATION: Front PLMF: 1.066 PLV: 1309 FPM RPM: 625				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8M-S6804-C1BX	2, 3	Opp	41					Included	Cable	285	54
	TG8M-S6805-C1BX	2, 3	Opp	54					Included	Cable	270	51
	TG8M-S6806-C1BX	2, 3	Opp	70					Included	Cable	245	47
	TG8M-S6807-C1BX	2, 3	Opp	83					Included	Cable	230	44
	TG8M-S6808-C1BX	2, 3	Opp	102					Included	Cable	230	44
	TG8M-S6809-C1BX	2, 3	Opp	106					Included	Cable	205	39
	TG8M-S6812-C1BH	2, 3	Opp	130					Included	Cable	210	40
	TG8M-S6813-C1BH	2, 3	Opp	148					Included	Cable	210	40
	TG8M-S6815-C1BH	2, 3	Opp	167					Included	Cable	195	37
	TG8M-S6818-C1BH	2, 3	Opp	198					Included	Cable	175	33
SH SERIES	SH6D-S6807-E1BX		Opp	80			29MK8248		Included	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	100			29MK8248		Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	132			29MK8248		Included	Elec/Air	325	62
CLUTCH SHIFT	CS6D-S6807-E1BX		Opp	80			29MK8248		Included	Power	300	57
	CS6D-S6809-E1BX		Opp	100			29MK8248		Included	Power	275	52
	CS6D-S6812-E1BX		Opp	132			29MK8248		Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Opp	68		68	29MK8248		Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TU6886-1 + 23M80295 + 20MK8814. Use U68 input gear.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

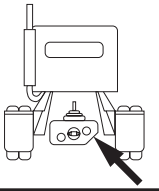



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Speeds shown are with transmission in low range. For speeds in high range, multiply by 1.28.
- 2 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 3 TG Series 8M Housing #01T35032. — Not available in kit program.
- 4 Change TG Series, CS Series and SH Series to 6-bolt PTO housing and U68 input gear (TG6S, CS6S and SH6S respectively).
RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1062B (301103), 1062D (301148), 1064B (301104), 1064D (301149), 1272B (301158), 1274B (301159)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 48T 6P 20° PA Spur LOCATION: Front PLMF: 1.221 PLV: 1048 FPM RPM: 500				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6805-C1BX	1	Opp	44				23M60062S	Included	Cable	270	51
	TG6D-S6806-C1BX	1	Opp	56				23M60062S	Included	Cable	245	47
	TG6D-S6807-C1BX	1	Opp	67				23M60062S	Included	Cable	230	44
	TG6D-S6808-C1BX	1	Opp	80				23M60062S	Included	Cable	230	44
	TG6D-S6809-C1BX	1	Opp	84				23M60062S	Included	Cable	205	39
	TG6D-S6812-C1BH	1	Opp	103				23M60062S	Included	Cable	210	40
	TG6D-S6813-C1BH	1	Opp	117				23M60062S	Included	Cable	210	40
	TG6D-S6815-C1BH	1	Opp	132				23M60062S	Included	Cable	195	37
	TG6D-S6818-C1BH	1	Opp	157				23M60062S	Included	Cable	175	33
SH SERIES	SH6D-S6807-E1BX		Opp	64				23M60062S	Included	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	80				23M60062S	Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	106				23M60062S	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6D-S6807-E1BX		Opp	64				23M60062S	Included	Power	300	57
	CS6D-S6809-E1BX		Opp	80				23M60062S	Included	Power	275	52
	CS6D-S6812-E1BX		Opp	106				23M60062S	Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	4	Opp	54		54		23M60062S	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6800 + 23M61500 + 23M60300 + 20MK6629					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

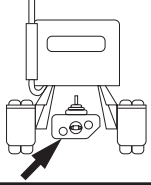



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series and SH Series to U68 input gear. RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
- 3 Requires 23M60032S spacer between PTO and adapter. Not supplied.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		1062B (301103), 1062D (301148), 1064B (301104), 1064D (301149), 1272B (301158), 1274B (301159)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 6P 20° PA Spur LOCATION: Front PLMF: 1.066 PLV: 1048 FPM RPM: 500				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8M-S6805-C1BX	1, 2	Opp	44					Included	Cable	270	51
	TG8M-S6806-C1BX	1, 2	Opp	56					Included	Cable	245	47
	TG8M-S6807-C1BX	1, 2	Opp	67					Included	Cable	230	44
	TG8M-S6808-C1BX	1, 2	Opp	80					Included	Cable	230	44
	TG8M-S6809-C1BX	1, 2	Opp	84					Included	Cable	205	39
	TG8M-S6812-C1BH	1, 2	Opp	103					Included	Cable	210	40
	TG8M-S6813-C1BH	1, 2	Opp	117					Included	Cable	210	40
	TG8M-S6815-C1BH	1, 2	Opp	132					Included	Cable	195	37
	TG8M-S6818-C1BH	1, 2	Opp	157					Included	Cable	175	33
SH SERIES	SH6D-S6807-E1BX		Opp	64			29MK8248		Included	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	80			29MK8248		Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	106			29MK8248		Included	Elec/Air	325	62
CLUTCH SHIFT	CS6D-S6807-E1BX		Opp	64			29MK8248		Included	Power	300	57
	CS6D-S6809-E1BX		Opp	80			29MK8248		Included	Power	275	52
	CS6D-S6812-E1BX		Opp	106			29MK8248		Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80295 + 20MK8814. Use U68 input gear.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

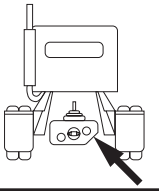



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

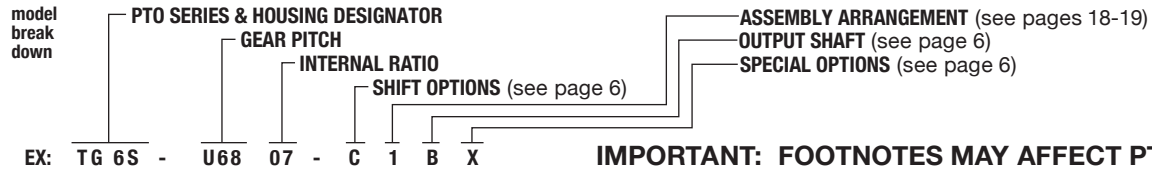
FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 TG Series 8M Housing #01T35032. — Not available in kit program.
- 3 Change TG Series to 6-bolt PTO housing and TG, CS and SH to U68 input gear (TG6S, CS6S and SH6S respectively).
RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1214-3A (301130, 301212), 1214-5A (301131, 301213) Footnote (1)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 54T 6P 20° PA Spur LOCATION: Front PLMF: .721 PLV: 1346 FPM RPM: 571				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	2, 5	Opp	46				23M60300+23M60032S	20MK6604	Cable	285	54
	TG6S-X6805-C1BX	2, 5	Opp	60				23M60300+23M60032S	20MK6604	Cable	270	51
	TG6S-X6806-C1BX	2, 5	Opp	79				23M60300+23M60032S	20MK6604	Cable	245	47
	TG6S-X6807-C1BX	2, 5	Opp	93				23M60300+23M60032S	20MK6604	Cable	230	44
	TG6S-X6808-C1BX	2, 5	Opp	113				23M60300+23M60032S	20MK6604	Cable	230	44
	TG6S-X6809-C1BX	2, 5	Opp	118				23M60300+23M60032S	20MK6604	Cable	205	39
	TG6S-X6812-C1BH	2, 5	Opp	146				23M60300+23M60032S	20MK6604	Cable	210	40
	TG6S-X6813-C1BH	2, 5	Opp	165				23M60300+23M60032S	20MK6604	Cable	210	40
	TG6S-X6815-C1BH	2, 5	Opp	186				23M60300+23M60032S	20MK6604	Cable	195	37
	TG6S-X6818-C1BH	2, 5	Opp	221				23M60300+23M60032S	20MK6604	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	5	Opp	89				23M60300	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	5	Opp	111				23M60300	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	5	Opp	147				23M60300	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	5	Opp	89				23M60300	20TK4434	Power	300	57
	CS6S-U6809-E1BX	5	Opp	111				23M60300	20TK4434	Power	275	52
	CS6S-U6812-E1BX	5	Opp	147				23M60300	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	4	Opp	70		70		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION		3, 4	40TU6810-1 + 23M60300 + 220MK6604					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

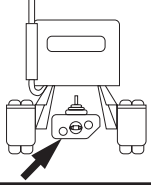



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

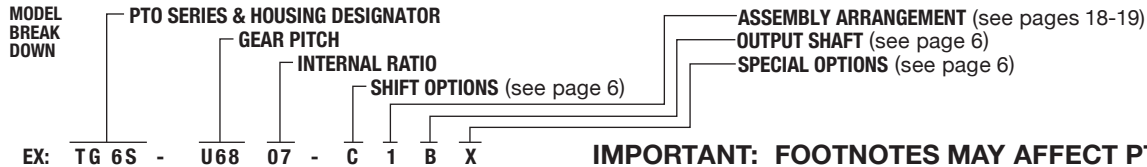
FOOTNOTES:

- Speeds shown are with transmission in low range. For speeds in high range, multiply by .84.
- TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- The TG Series TG6S-X68 input gear requires 23M60032S used on PTO side of adapter. Not included.
- Do not use for continuous duty applications.
- Optional: X68 and U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606 (20TK4436 for SH or CS).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		1214-3A (301130, 301212), 1214-5A (301131, 301213) Footnote (1)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6P 20° PA Spur	PLMF: .566			
								LOCATION: Front	RPM: 571			
								PLV: 1346 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	2, 4	Opp	46				23M80248	20MK8817	Cable	285	54
	TG8S-X6805-C1BX	2, 4	Opp	60				23M80248	20MK8817	Cable	270	51
	TG8S-X6806-C1BX	2, 4	Opp	79				23M80248	20MK8817	Cable	245	47
	TG8S-X6807-C1BX	2, 4	Opp	93				23M80248	20MK8817	Cable	230	44
	TG8S-X6808-C1BX	2, 4	Opp	113				23M80248	20MK8817	Cable	230	44
	TG8S-X6809-C1BX	2, 4	Opp	118				23M80248	20MK8817	Cable	205	39
	TG8S-X6812-C1BH	2, 4	Opp	146				23M80248	20MK8817	Cable	210	40
	TG8S-X6813-C1BH	2, 4	Opp	165				23M80248	20MK8817	Cable	210	40
	TG8S-X6815-C1BH	2, 4	Opp	186				23M80248	20MK8817	Cable	195	37
	TG8S-X6818-C1BH	2, 4	Opp	221				23M80248	20MK8817	Cable	175	33
SH SERIES	SH8S-U6807-E1BX	4	Opp	89				23M80248	20MK8817	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	111				23M80248	20MK8817	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	147				23M80248	20MK8817	Elec/Air	325	62
	SH8S-U6813-E1BX	4	Opp	171				23M80248	20MK8817	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6807-E1BX	4	Opp	89				23M80248	20MK8817	Power	300	57
	CS8S-U6809-E1BX	4	Opp	111				23M80248	20MK8817	Power	275	52
	CS8S-U6812-E1BX	4	Opp	147				23M80248	20MK8817	Power	275	52
	CS8S-U6814-E1BX		Opp	184				23M80248	20MK8817	Power	275	52
1 FWD. 1 REV.	RL8S-U6805-L3BX	5	Opp	70		70		23M80248	20MK8817	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80248 + 20MK8807					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	43				23M80248	20MK8817	Lever	500	95
	828S-U6808-L1CX		Opp	68				23M80248	20MK8817	Lever	450	85
	828S-U6809-L1CX		Opp	84				23M80248	20MK8817	Lever	410	78
	828S-U6810-L1CX		Opp	91				23M80248	20MK8817	Lever	410	78
	828S-U6812-L1CX		Opp	104				23M80248	20MK8817	Lever	375	71
	828S-U6813-L1CX		Opp	121				23M80248	20MK8817	Lever	375	71
	828S-U6815-L1CX		Opp	132				23M80375	20MK8804	Lever	350	67
	828S-U6819-L1CX		Opp	162				23M80500	20MK8816	Lever	300	57
	1 FWD. 1 REV.											

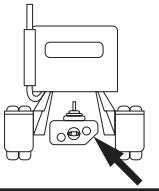



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

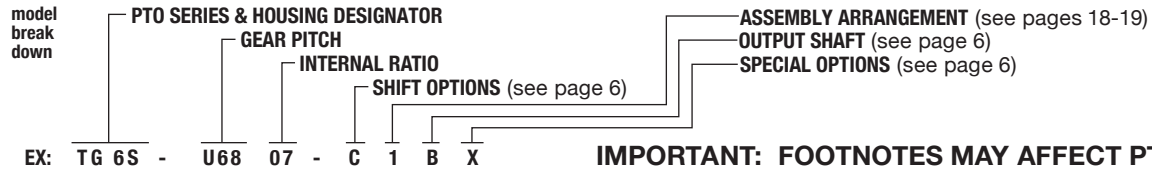
FOOTNOTES:

- Speeds shown are with transmission in low range. For speeds in high range, multiply by .84.
- TG Series Input Gear: #03T96773 – Refer to kit program on pages 10 & 11.
- Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S, and RL6D respectively).
RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M80190 and change stud kit to 20MK8814.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1252A (301094), 1254A (301095), 1452A (301183)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 44T 6P 20° PA Spur LOCATION: Front PLMF: 1.554 PLV: 1034 FPM RPM: 538				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 2	Crnk	46			40TU6800	23M61500	20MK6627	Cable	270	51
	TG6S-U6806-C1BX	1, 2	Crnk	60			40TU6800	23M61500	20MK6627	Cable	245	47
	TG6S-U6807-C1BX	1, 2	Crnk	71			40TU6800	23M61500	20MK6627	Cable	230	44
	TG6S-U6808-C1BX	1, 2	Crnk	87			40TU6800	23M61500	20MK6627	Cable	230	44
	TG6S-U6809-C1BX	1, 2	Crnk	91			40TU6800	23M61500	20MK6627	Cable	205	39
	TG6S-U6812-C1BH	1, 2	Crnk	112			40TU6800	23M61500	20MK6627	Cable	210	40
	TG6S-U6813-C1BH	1, 2	Crnk	127			40TU6800	23M61500	20MK6627	Cable	210	40
	TG6S-U6815-C1BH	1, 2	Crnk	143			40TU6800	23M61500	20MK6627	Cable	195	37
	TG6S-U6818-C1BH	1, 2	Crnk	170			40TU6800	23M61500	20MK6627	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	2	Crnk	68			40TU6800	23M61500	20MK6627	Elec/Air	400	76
	SH6S-U6809-E1BX	2	Crnk	85			40TU6800	23M61500	20MK6627	Elec/Air	375	71
	SH6S-U6812-E1BX	2	Crnk	113			40TU6800	23M61500	20MK6627	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	2	Crnk	68			40TU6800	23M61500	20MK6627	Power	300	57
	CS6S-U6809-E1BX	2	Crnk	85			40TU6800	23M61500	20MK6627	Power	275	52
	CS6S-U6812-E1BX	2	Crnk	113			40TU6800	23M61500	20MK6627	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Crnk	54		54	40TU6800	23M60200S+23M61500	20MK6629	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

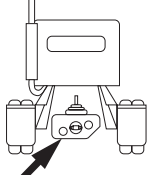


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M60200S and change stud kit to 20MK6629.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	1252A (301094), 1254A (301095), 1452A (301183)	BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE) SAE 8-BOLT OPENING PTO DRIVE GEAR DATA: 44T 6P 20° PA Spur LOCATION: Front PLMF: 1.400 PLV: 1034 FPM RPM: 538	
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6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

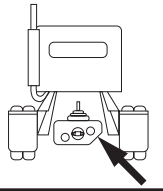



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

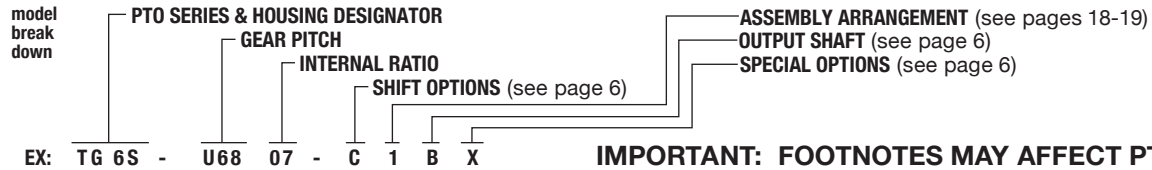
FOOTNOTES:

1 Other PTO's are not available on this application due to non-standard mounting depth. 6-bolt adapters are not approved on bottom openings.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1253A (301096), 1255A (301097), 1453A (301185)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 51T 6P 20° PA Spur LOCATION: Front PLMF: .971 PLV: 1515 FPM RPM: 680				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	1, 4	Opp	52				23M60165S	20MK6603	Cable	285	54
	TG6S-X6805-C1BX	1, 4	Opp	68				23M60165S	20MK6603	Cable	270	51
	TG6S-X6806-C1BX	1, 4	Opp	88				23M60165S	20MK6603	Cable	245	47
	TG6S-X6807-C1BX	1, 4	Opp	105				23M60165S	20MK6603	Cable	230	44
	TG6S-X6808-C1BX	1, 4	Opp	128				23M60165S	20MK6603	Cable	230	44
	TG6S-X6809-C1BX	1, 4	Opp	134				23M60165S	20MK6603	Cable	205	39
	TG6S-X6812-C1BH	1, 4	Opp	164				23M60165S	20MK6603	Cable	210	40
	TG6S-X6813-C1BH	1, 4	Opp	187				23M60165S	20MK6603	Cable	210	40
	TG6S-X6815-C1BH	1, 4	Opp	211				23M60165S	20MK6603	Cable	195	37
	TG6S-X6818-C1BH	1, 4	Opp	250				23M60165S	20MK6603	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	68				23M60165S	20TK4433	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	100				23M60165S	20TK4433	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	125				23M60165S	20TK4433	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	166				23M60165S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	68				23M60165S	20TK4433	Power	300	57
	CS6S-U6806-E1BX		Opp	80				23M60165S	20TK4433	Power	300	57
	CS6S-U6807-E1BX	4	Opp	100				23M60165S	20TK4433	Power	300	57
	CS6S-U6809-E1BX	4	Opp	125				23M60165S	20TK4433	Power	275	52
	CS6S-U6812-E1BX	4	Opp	166				23M60165S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	79		79		23M60300	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		2, 3	40TU6810-1 + 23M60140S + 20MK6602					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

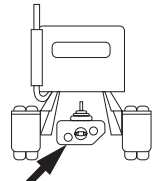

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 Change TG Series to TG6S-U68 input gear. RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
 - 3 Do not use for continuous duty applications.
 - 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6605 (20TK4435 for SH or CS).

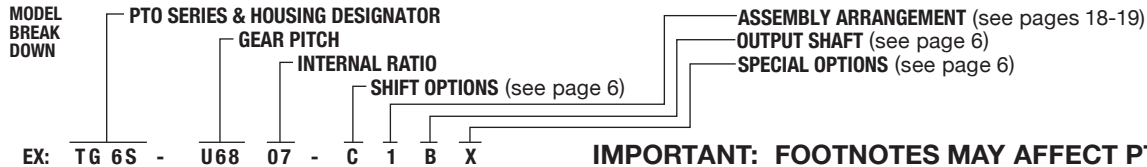
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)		
	1253A (301096), 1255A (301097), 1453A (301185)		SAE 8-BOLT OPENING
	PTO DRIVE GEAR DATA: 51T 6P 20° PA Spur LOCATION: Front PLMF: .816 PLV: 1515 FPM RPM: 680		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 3	Opp	52				23M80062	Included	Cable	285	54
	TG8S-X6805-C1BX	1, 3	Opp	68				23M80062	Included	Cable	270	51
	TG8S-X6806-C1BX	1, 3	Opp	88				23M80062	Included	Cable	245	47
	TG8S-X6807-C1BX	1, 3	Opp	105				23M80062	Included	Cable	230	44
	TG8S-X6808-C1BX	1, 3	Opp	128				23M80062	Included	Cable	230	44
	TG8S-X6809-C1BX	1, 3	Opp	134				23M80062	Included	Cable	205	39
	TG8S-X6812-C1BH	1, 3	Opp	164				23M80062	Included	Cable	210	40
	TG8S-X6813-C1BH	1, 3	Opp	187				23M80062	Included	Cable	210	40
	TG8S-X6815-C1BH	1, 3	Opp	211				23M80062	Included	Cable	195	37
	TG8S-X6818-C1BH	1, 3	Opp	250				23M80062	Included	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	68				23M80062	Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	100				23M80062	Included	Elec/Air	400	76
	SH8S-U6809-E1BX	3	Opp	125				23M80062	Included	Elec/Air	375	71
	SH8S-U6812-E1BX	3	Opp	166				23M80062	Included	Elec/Air	325	62
	SH8S-U6813-E1BX		Opp	192				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	68				23M80062	Included	Power	300	57
	CS8S-U6806-E1BX		Opp	80				23M80062	Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	100				23M80062	Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	125				23M80062	Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	166				23M80062	Included	Power	275	52
	CS8S-U6814-E1BX		Opp	208				23M80062	Included	Power	275	52
	1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	79		79		23M80062	Included	Lever	200	38

ADAPTER TO CHANGE ROTATION 2 40TU6886-1 + 23M80500 + 23M80062 + 20MK8817 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	48					Included	Lever	500	95
	828S-U6808-L1CX		Opp	77					Included	Lever	450	85
	828S-U6809-L1CX		Opp	94					Included	Lever	410	78
	828S-U6810-L1CX		Opp	102					Included	Lever	410	78
	828S-U6812-L1CX		Opp	117					Included	Lever	375	71
	828S-U6813-L1CX		Opp	136					Included	Lever	375	71
	828S-U6815-L1CX		Opp	148				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Opp	183				23M80248	20MK8817	Lever	300	57
	1 FWD. 1 REV.											

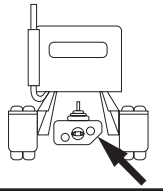



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

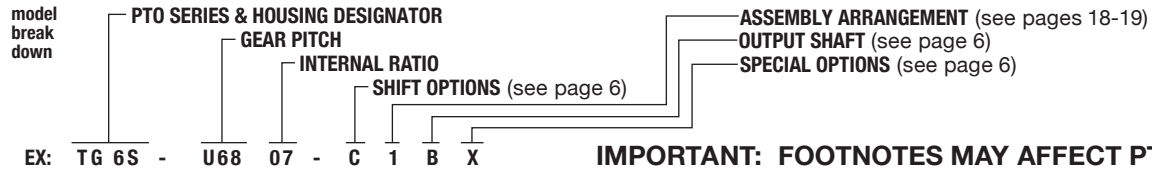
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series, and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S, and RL6D respectively). RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
- 3 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1253B (301098), 1255B (301099), 1453B (301187)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 55T 6P 20° PA Spur LOCATION: Front PLMF: .638 PLV: 1634 FPM RPM: 680				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	1, 5	Opp	56				23M60400	20MK6605	Cable	285	54
	TG6S-X6805-C1BX	1, 5	Opp	73				23M60400	20MK6605	Cable	270	51
	TG6S-X6806-C1BX	1, 5	Opp	95				23M60400	20MK6605	Cable	245	47
	TG6S-X6807-C1BX	1, 5	Opp	113				23M60400	20MK6605	Cable	230	44
	TG6S-X6808-C1BX	1, 5	Opp	138				23M60400	20MK6605	Cable	230	44
	TG6S-X6809-C1BX	1, 5	Opp	144				23M60400	20MK6605	Cable	205	39
	TG6S-X6812-C1BH	1, 5	Opp	177				23M60400	20MK6605	Cable	210	40
	TG6S-X6813-C1BH	1, 5	Opp	201				23M60400	20MK6605	Cable	210	40
	TG6S-X6815-C1BH	1, 5	Opp	227				23M60400	20MK6605	Cable	195	37
	TG6S-X6818-C1BH	1, 5	Opp	269				23M60400	20MK6605	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	73				23M60400	20TK4435	Elec/Air	400	76
	SH6S-U6807-E1BX	5	Opp	108				23M60400	20TK4435	Elec/Air	400	76
	SH6S-U6809-E1BX	5	Opp	135				23M60400	20TK4435	Elec/Air	375	71
	SH6S-U6812-E1BX	5	Opp	179				23M60400	20TK4435	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	73				23M60400	20TK4435	Power	300	57
	CS6S-U6806-E1BX		Opp	87				23M60400	20TK4435	Power	300	57
	CS6S-U6807-E1BX	5	Opp	108				23M60400	20TK4435	Power	300	57
	CS6S-U6809-E1BX	5	Opp	135				23M60400	20TK4435	Power	275	52
	CS6S-U6812-E1BX	5	Opp	179				23M60400	20TK4435	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	2, 4	Opp	41		41		23M60062S+23M60500	20MK6605	Lever	200	38
	RL6D-U6805-L3BX	4	Opp	85		85		23M60062S+23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION		3, 4	40TU6810-1 + 23M60350 + 20MK6605					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

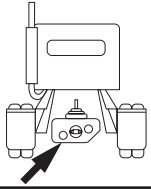



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Change TG Series to TG6S-U68 input gear. RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Do not use for continuous duty applications.
- 5 Optional: X68 and U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6607 (20TK4436 for SH or CS).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 1253B (301098), 1255B (301099), 1453B (301187)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 55T 6P 20° PA Spur LOCATION: Front PLMF: .483 PLV: 1634 FPM RPM: 680				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 4	Opp	56				23M80295	20MK8815	Cable	285	54
	TG8S-X6805-C1BX	1, 4	Opp	73				23M80295	20MK8815	Cable	270	51
	TG8S-X6806-C1BX	1, 4	Opp	95				23M80295	20MK8815	Cable	245	47
	TG8S-X6807-C1BX	1, 4	Opp	113				23M80295	20MK8815	Cable	230	44
	TG8S-X6808-C1BX	1, 4	Opp	138				23M80295	20MK8815	Cable	230	44
	TG8S-X6809-C1BX	1, 4	Opp	144				23M80295	20MK8815	Cable	205	39
	TG8S-X6812-C1BH	1, 4	Opp	177				23M80295	20MK8815	Cable	210	40
	TG8S-X6813-C1BH	1, 4	Opp	201				23M80295	20MK8815	Cable	210	40
	TG8S-X6815-C1BH	1, 4	Opp	227				23M80295	20MK8815	Cable	195	37
	TG8S-X6818-C1BH	1, 4	Opp	269				23M80295	20MK8815	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	73				23M80295	20MK8815	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	108				23M80295	20MK8815	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	135				23M80295	20MK8815	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	179				23M80295	20MK8815	Elec/Air	325	62
	SH8S-U6813-E1BX		Opp	207				23M80295	20MK8815	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	73				23M80295	20MK8815	Power	300	57
	CS8S-U6806-E1BX		Opp	87				23M80295	20MK8815	Power	300	57
	CS8S-U6807-E1BX	4	Opp	108				23M80295	20MK8815	Power	300	57
	CS8S-U6809-E1BX	4	Opp	135				23M80295	20MK8815	Power	275	52
	CS8S-U6812-E1BX	4	Opp	179				23M80295	20MK8815	Power	275	52
	CS8S-U6814-E1BX		Opp	224				23M80295	20MK8815	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	2, 5 5	Opp Opp	41 85		41 85		23M80248 23M80248	20MK6603 20MK6603	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80295 + 20MK8807					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	52				23M80295	20MK8814	Lever	500	95
	828S-U6808-L1CX		Opp	83				23M80295	20MK8814	Lever	450	85
	828S-U6809-L1CX		Opp	102				23M80295	20MK8814	Lever	410	78
	828S-U6810-L1CX		Opp	110				23M80295	20MK8814	Lever	410	78
	828S-U6812-L1CX		Opp	126				23M80295	20MK8814	Lever	375	71
	828S-U6813-L1CX		Opp	147				23M80295	20MK8814	Lever	375	71
	828S-U6815-L1CX		Opp	160				23M80062 + 23M80375	20MK8814	Lever	350	67
	828S-U6819-L1CX		Opp	196				23M80248 + 20M80295	20MK8816	Lever	300	57
1 FWD. 1 REV.												

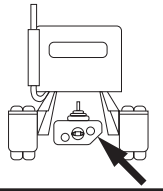



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

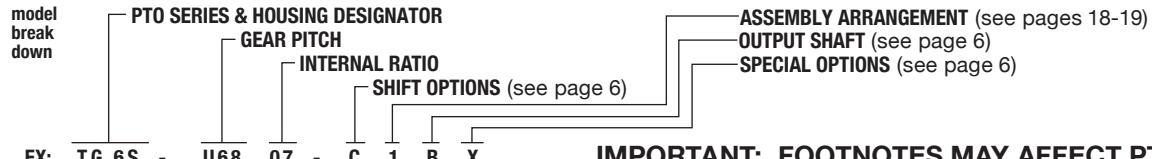
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Change TG Series, CS Series, RL Series and SH Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and change stud kit to 20MK8817.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1262A (301105), 1264A (301106)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1119 FPM					PLMF: 1.471 RPM: 570
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 4	Crnk	50			40TU6800	23M61500+23M60093S	20MK6627	Cable	270	51
	TG6S-U6806-C1BX	1, 4	Crnk	65			40TU6800	23M61500+23M60093S	20MK6627	Cable	245	47
	TG6S-U6807-C1BX	1, 4	Crnk	78			40TU6800	23M61500+23M60093S	20MK6627	Cable	230	44
	TG6S-U6808-C1BX	1, 4	Crnk	95			40TU6800	23M61500+23M60093S	20MK6627	Cable	230	44
	TG6S-U6809-C1BX	1, 4	Crnk	99			40TU6800	23M61500+23M60093S	20MK6627	Cable	205	39
	TG6S-U6812-C1BH	1, 4	Crnk	122			40TU6800	23M61500+23M60093S	20MK6627	Cable	210	40
	TG6S-U6813-C1BH	1, 4	Crnk	138			40TU6800	23M61500+23M60093S	20MK6627	Cable	210	40
	TG6S-U6815-C1BH	1, 4	Crnk	156			40TU6800	23M61500+23M60093S	20MK6627	Cable	195	37
TG6S-U6818-C1BH	1, 4	Crnk	185			40TU6800	23M61500+23M60093S	20MK6627	Cable	175	33	
SH SERIES	SH6S-U6807-E1BX	4	Crnk	74			40TU6800	23M61500+23M60093S	20MK6627	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Crnk	92			40TU6800	23M61500+23M60093S	20MK6627	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Crnk	122			40TU6800	23M61500+23M60093S	20MK6627	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6806-E1BX		Crnk	59			40TU6800	23M61500+23M60093S	20MK6627	Power	300	57
	CS6S-U6807-E1BX	4	Crnk	74			40TU6800	23M61500+23M60093S	20MK6627	Power	300	57
	CS6S-U6809-E1BX	4	Crnk	92			40TU6800	23M61500+23M60093S	20MK6627	Power	275	52
	CS6S-U6812-E1BX	4	Crnk	122			40TU6800	23M61500+23M60093S	20MK6627	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	2, 5	Crnk	58		58	40TU6800	23M61500+23M60093S	20MK6629	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

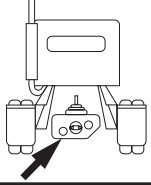

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



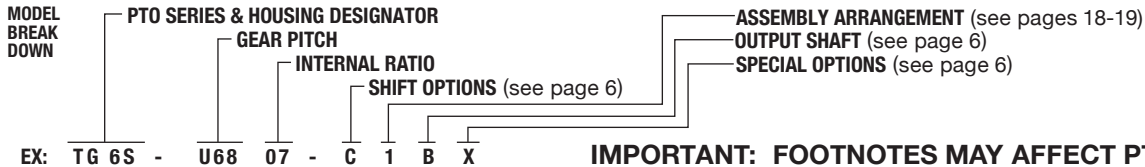
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
 - 2 Requires 23M60200S spacer between PTO and adapter. Not supplied.
 - 3 Requires 23M60032S spacer between PTO and adapter. Not supplied.
 - 4 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6629.
 - 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		1262A (301105), 1264A (301106)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° PA Spur LOCATION: Front PLV: 1119 FPM					PLMF: 1.316 RPM: 570
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 2	Crnk	50			40TU6886-1	23M80062	Included	Cable	270	51
	TG6S-U6806-C1BX	1, 2	Crnk	65			40TU6886-1	23M80062	Included	Cable	245	47
	TG6S-U6807-C1BX	1, 2	Crnk	78			40TU6886-1	23M80062	Included	Cable	230	44
	TG6S-U6808-C1BX	1, 2	Crnk	95			40TU6886-1	23M80062	Included	Cable	230	44
	TG6S-U6809-C1BX	1, 2	Crnk	99			40TU6886-1	23M80062	Included	Cable	205	39
	TG6S-U6812-C1BH	1, 2	Crnk	122			40TU6886-1	23M80062	Included	Cable	210	40
	TG6S-U6813-C1BH	1, 2	Crnk	138			40TU6886-1	23M80062	Included	Cable	210	40
	TG6S-U6815-C1BH	1, 2	Crnk	156			40TU6886-1	23M80062	Included	Cable	195	37
	TG6S-U6818-C1BH	1, 2	Crnk	185			40TU6886-1	23M80062	Included	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	2	Crnk	74			40TU6886-1	23M80062	Included	Elec/Air	400	76
	SH6S-U6809-E1BX	2	Crnk	92			40TU6886-1	23M80062	Included	Elec/Air	375	71
	SH6S-U6812-E1BX	2	Crnk	122			40TU6886-1	23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6806-E1BX		Crnk	59			40TU6886-1	23M80062	Included	Power	300	57
	CS6S-U6807-E1BX	2	Crnk	74			40TU6886-1	23M80062	Included	Power	300	57
	CS6S-U6809-E1BX	2	Crnk	92			40TU6886-1	23M80062	Included	Power	275	52
	CS6S-U6812-E1BX	2	Crnk	122			40TU6886-1	23M80062	Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

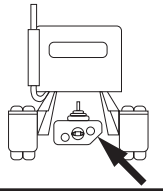



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

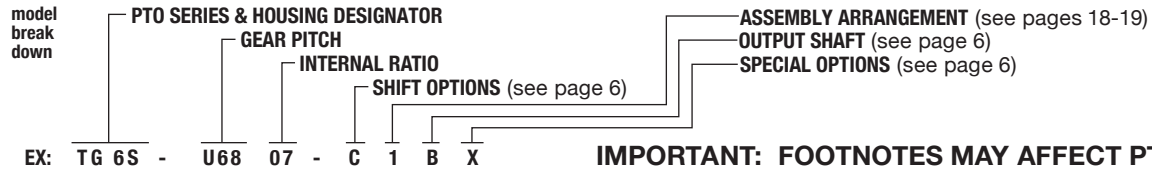
FOOTNOTES:

- TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		1310-2A (301292, 301316), 1310-4A (301317), PS85-14-4L, PS85-10LL, PS130-10A (301485), PS130-12A (301484)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								51T 6P 20° PA Spur	PLMF: .863			
								LOCATION: Front	RPM: 425			
								PLV: 945 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6805-C1BX	1, 4	Opp	42				23M60240S	20MK6604	Cable	270	51
	TG6S-X6806-C1BX	1, 4	Opp	55				23M60240S	20MK6604	Cable	245	47
	TG6S-X6807-C1BX	1, 4	Opp	65				23M60240S	20MK6604	Cable	230	44
	TG6S-X6808-C1BX	1, 4	Opp	80				23M60240S	20MK6604	Cable	230	44
	TG6S-X6809-C1BX	1, 4	Opp	83				23M60240S	20MK6604	Cable	205	39
	TG6S-X6812-C1BH	1, 4	Opp	102				23M60240S	20MK6604	Cable	210	40
	TG6S-X6813-C1BH	1, 4	Opp	116				23M60240S	20MK6604	Cable	210	40
	TG6S-X6815-C1BH	1, 4	Opp	131				23M60240S	20MK6604	Cable	195	37
	TG6S-X6818-C1BH	1, 4	Opp	155				23M60240S	20MK6604	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	42				23M60240S	20TK4434	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	62				23M60240S	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	78				23M60240S	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	103				23M60240S	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	42				23M60240S	20TK4434	Power	300	57
	CS6S-U6806-E1BX		Opp	50				23M60240S	20TK4434	Power	300	57
	CS6S-U6807-E1BX	4	Opp	62				23M60240S	20TK4434	Power	300	57
	CS6S-U6809-E1BX	4	Opp	78				23M60240S	20TK4434	Power	275	52
	CS6S-U6812-E1BX	4	Opp	103				23M60240S	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	49		49		23M60400	20MK6604	Lever	200	38
ADAPTER TO CHANGE ROTATION		2, 3	40TU6810-1 + 23M60200S + 20MK6603					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

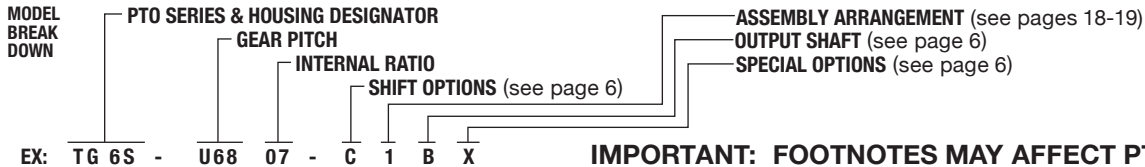
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 To use the adapter change TG Series to U68 input gear #03T34284 and use standard stud kit. For RL add 23M60200S+20MK6603 for PTO mounting to adapter.
- 3 Do not use for continuous duty applications.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6606 (20TK4436 for SH or CS).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)							BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)						
 1310-2A (301292, 301316), 1310-4A (301317), PS85-14-4L, PS85-10LL, PS130-10A (301485), PS130-12A (301484)							SAE 8-BOLT OPENING					PTO DRIVE GEAR DATA:	
							51T 6P 20° PA Spur LOCATION: Front PLV: 945 FPM					PLMF: .707 RPM: 425	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO		
				HI	LO	REV					TORQUE	HP	
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG8S-X6805-C1BX	1, 3	Opp	42				23M80062+23M80062	20MK8808	Cable	270	51	
	TG8S-X6806-C1BX	1, 3	Opp	55				23M80062+23M80062	20MK8808	Cable	245	47	
	TG8S-X6807-C1BX	1, 3	Opp	65				23M80062+23M80062	20MK8808	Cable	230	44	
	TG8S-X6808-C1BX	1, 3	Opp	80				23M80062+23M80062	20MK8808	Cable	230	44	
	TG8S-X6809-C1BX	1, 3	Opp	83				23M80062+23M80062	20MK8808	Cable	205	39	
	TG8S-X6812-C1BH	1, 3	Opp	102				23M80062+23M80062	20MK8808	Cable	210	40	
	TG8S-X6813-C1BH	1, 3	Opp	116				23M80062+23M80062	20MK8808	Cable	210	40	
	TG8S-X6815-C1BH	1, 3	Opp	131				23M80062+23M80062	20MK8808	Cable	195	37	
	TG8S-X6818-C1BH	1, 3	Opp	155				23M80062+23M80062	20MK8808	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Opp	42				23M80062+23M80062	20MK8808	Elec/Air	400	76	
	SH8S-U6807-E1BX	3	Opp	62				23M80062+23M80062	20MK8808	Elec/Air	400	76	
	SH8S-U6809-E1BX	3	Opp	78				23M80062+23M80062	20MK8808	Elec/Air	375	71	
	SH8S-U6812-E1BX	3	Opp	103				23M80062+23M80062	20MK8808	Elec/Air	325	62	
	SH8S-U6813-E1BX	3	Opp	120				23M80062+23M80062	20MK8808	Elec/Air	325	62	
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	42				23M80062+23M80062	20MK8808	Power	300	57	
	CS8S-U6806-E1BX		Opp	50				23M80062+23M80062	20MK8808	Power	300	57	
	CS8S-U6807-E1BX	3	Opp	62				23M80062+23M80062	20MK8808	Power	300	57	
	CS8S-U6809-E1BX	3	Opp	78				23M80062+23M80062	20MK8808	Power	275	52	
	CS8S-U6812-E1BX	3	Opp	103				23M80062+23M80062	20MK8808	Power	275	52	
	CS8S-U6814-E1BX		Opp	130				23M80062+23M80062	20MK8808	Power	275	52	
1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	49		49		23M80165	20MK8808	Lever	200	38	
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 23M80062 + 20MK8814					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L1CX		Opp	48				23M80062	Included	Lever	450	85
	828S-U6809-L1CX		Opp	59				23M80062	Included	Lever	410	78
	828S-U6810-L1CX		Opp	64				23M80062	Included	Lever	410	78
	828S-U6812-L1CX		Opp	73				23M80062	Included	Lever	375	71
	828S-U6813-L1CX		Opp	85				23M80062	Included	Lever	375	71
	828S-U6815-L1CX		Opp	92				20M80190	20MK8817	Lever	350	67
	828S-U6819-L1CX		Opp	114				23M80295	20MK8817	Lever	300	57
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

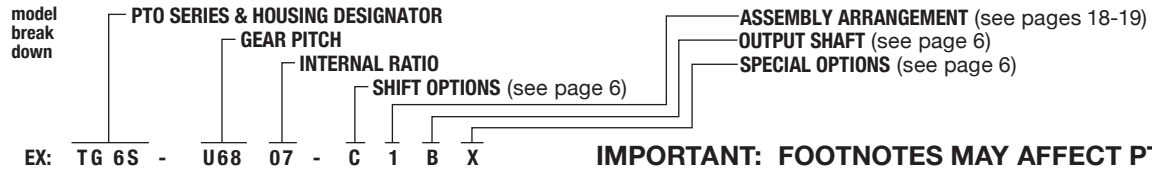
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively).
RL Series requires 23M60200S + 20MK6603 on PTO side of adapter.
- 3 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M80190 and stud kit 20MK8817.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		CM-5052B (301079, 301248), CM-5552B (301310), CM-5952B (301361)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 39T 7P 17.5°PA 28°4'23"R.H. LOCATION: Front PLMF: .630 PLV: 808 FPM RPM: 490				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S7006-C1BX	1	Opp	49				23M80165	20MK8808	Cable	245	47
	TG8S-S7007-C1BX	1	Opp	58				23M80165	20MK8808	Cable	230	44
	TG8S-S7008-C1BX	1	Opp	71				23M80165	20MK8808	Cable	230	44
	TG8S-S7009-C1BX	1	Opp	74				23M80165	20MK8808	Cable	205	39
	TG8S-S7012-C1BH	1	Opp	91				23M80165	20MK8808	Cable	210	40
	TG8S-S7013-C1BH	1	Opp	103				23M80165	20MK8808	Cable	210	40
	TG8S-S7015-C1BH	1	Opp	117				23M80165	20MK8808	Cable	195	37
	TG8S-S7018-C1BH	1	Opp	137				23M80165	20MK8808	Cable	175	33
SH SERIES	SH8S-S7009-E1BX		Opp	69				23M80165	20MK8808	Elec/Air	375	71
CLUTCH SHIFT	CS8S-S7009-E1BX		Opp	69				23M80165	20MK8808	Power	275	52
1 FWD. 1 REV.	RL8S-S7005-L3BX	2	Opp	41		41		23M80165	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-S7008-L1CX		Opp	41				23M80190	Included	Lever	450	85
	828S-S7010-L1CX		Opp	55				23M80190	Included	Lever	410	78
	828S-S7013-L1CX		Opp	73				23M80190	Included	Lever	375	71
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 CM-5052B (301079, 301248), CM-5552B (301310), CM-5952B (301361)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 39T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .934 PLV: 808 FPM RPM: 490				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S7006-C3BX	1	Opp	49				23M60140S	20MK6602	Cable	245	47
	TG6S-S7007-C3BX	1	Opp	58				23M60140S	20MK6602	Cable	230	44
	TG6S-S7008-C3BX	1	Opp	71				23M60140S	20MK6602	Cable	230	44
	TG6S-S7009-C3BX	1	Opp	74				23M60140S	20MK6602	Cable	205	39
	TG6S-S7012-C3BH	1	Opp	91				23M60140S	20MK6602	Cable	210	40
	TG6S-S7013-C3BH	1	Opp	103				23M60140S	20MK6602	Cable	210	40
	TG6S-S7015-C3BH	1	Opp	117				23M60140S	20MK6602	Cable	195	37
	TG6S-S7018-C3BH	1	Opp	137				23M60140S	20MK6602	Cable	175	33
SH SERIES	SH6S-S7009-E3BX		Opp	69				23M60140S	20TK4433	Elec/Air	375	71
CLUTCH SHIFT	CS6S-S7009-E3BX		Opp	69				23M60140S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-S7005-L3BX	2	Opp	41		41		23M60350	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

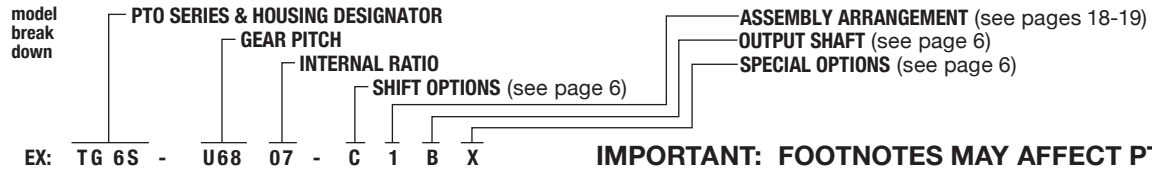
FOOTNOTES:

- 1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		CM-6252A (301084, 301257)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 39T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .067 PLV: 1264 FPM RPM: 667				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6004-C1BX	1	Opp	44				23M80500+23M80190	20MK8814	Cable	285	54
	TG8S-S6005-C1BX	1	Opp	58				23M80500+23M80190	20MK8814	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	76				23M80500+23M80190	20MK8814	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	90				23M80500+23M80190	20MK8814	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	109				23M80500+23M80190	20MK8814	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	114				23M80500+23M80190	20MK8814	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	140				23M80500+23M80190	20MK8814	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	159				23M80500+23M80190	20MK8814	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	180				23M80500+23M80190	20MK8814	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	213				23M80500+23M80190	20MK8814	Cable	175	33
SH SERIES	SH8S-S6007-E1BX		Opp	86				23M80295+23M80295	20MK8814	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	86				23M80295+23M80295	20MK8814	Power	300	57
1 FWD. 1 REV.	RL8S-S6005-L3BX	2	Opp	68		68		23M80500+23M80190	20MK8814	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

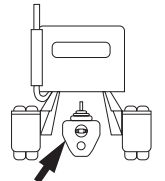



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 CM-6252A (301084, 301257)	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 39T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .902 PLV: 1264 FPM RPM: 667	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6004-C3BX	1	Opp	44				23M60187S	20MK6603	Cable	285	54
	TG6S-S6005-C3BX	1	Opp	58				23M60187S	20MK6603	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	76				23M60187S	20MK6603	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	90				23M60187S	20MK6603	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	109				23M60187S	20MK6603	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	114				23M60187S	20MK6603	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	140				23M60187S	20MK6603	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	159				23M60187S	20MK6603	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	180				23M60187S	20MK6603	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	213				23M60187S	20MK6603	Cable	175	33
SH SERIES	SH6S-S6007-E3BX		Opp	86				23M60140S	20TK4433	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	86				23M60140S	20TK4433	Power	300	57
1 FWD. 1 REV.	RL6D-S6005-L3BX	2	Opp	68		68		23M60300	20MK6602	Lever	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

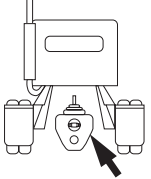



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		CM-6252B (301085, 301258, 301417)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 35T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .439 PLV: 1276 FPM RPM: 750				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6004-C1BX	1	Opp	45				23M80375	20MK8815	Cable	285	54
	TG8S-S6005-C1BX	1	Opp	59				23M80375	20MK8815	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	76				23M80375	20MK8815	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	91				23M80375	20MK8815	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	111				23M80375	20MK8815	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	116				23M80375	20MK8815	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	142				23M80375	20MK8815	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	162				23M80375	20MK8815	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	183				23M80375	20MK8815	Cable	195	37
TG8S-S6018-C1BH	1	Opp	216				23M80375	20MK8815	Cable	175	33	
SH SERIES	SH8S-S6007-E1BX		Opp	87				23M80295	20MK8815	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	87				23M80295	20MK8815	Power	300	57
1 FWD. 1 REV.	RL8S-S6005-L3BX	2	Opp	69		69		23M80375	20MK8815	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

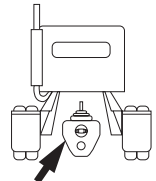

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
 - 2 Do not use for continuous duty applications.

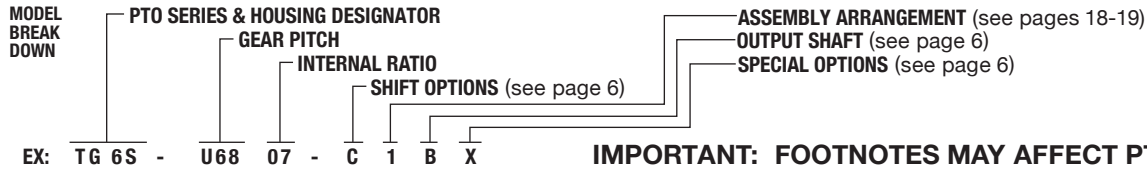
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 CM-6252B (301085, 301258, 301417)	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 35T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: 1.273 PLV: 1276 FPM RPM: 750	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	SINGLE SPEED PTO APPLICATIONS NOT POSSIBLE DUE TO NON-STANDARD MOUNTING DEPTH											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

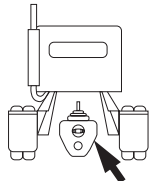

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

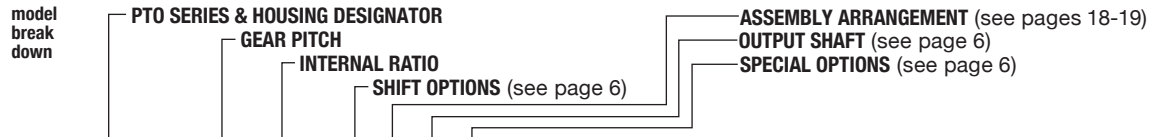
TREMEC TRANSMISSION (SPICER)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 8-BOLT OPENING	
	CM-6253A (301086, 301259)	

PTO DRIVE GEAR DATA:
 44T 6P 17.5°PA 26°10'37" R.H.
LOCATION: Front **PLMF:** -.397
PLV: 1426 FPM **RPM:** 667

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6004-C1BX	1	Opp	50				23M81200	20MK8818	Cable	285	54
	TG8S-S6005-C1BX	1	Opp	66				23M81200	20MK8818	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	85				23M81200	20MK8818	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	101				23M81200	20MK8818	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	124				23M81200	20MK8818	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	129				23M81200	20MK8818	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	158				23M81200	20MK8818	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	180				23M81200	20MK8818	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	203				23M81200	20MK8818	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	241				23M81200	20MK8818	Cable	175	33
SH SERIES	SH8S-S6007-E1BX		Opp	97				23M81125	20MK8818	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	97				23M81125	20MK8818	Power	300	57
1 FWD. 1 REV.	RL8S-S6005-L3BX	2	Opp	77		77		23M81005+23M80165	20MK8818	Lever	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

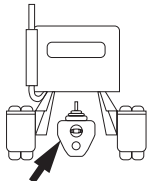



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 CM-6253A (301086, 301259)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 44T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .437 PLV: 1426 FPM RPM: 667				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6004-C3BX	1	Opp	50				23M60550+23M60093S	20MK6607	Cable	285	54
	TG6S-S6005-C3BX	1	Opp	66				23M60550+23M60093S	20MK6607	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	85				23M60550+23M60093S	20MK6607	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	101				23M60550+23M60093S	20MK6607	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	124				23M60550+23M60093S	20MK6607	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	129				23M60550+23M60093S	20MK6607	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	158				23M60550+23M60093S	20MK6607	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	180				23M60550+23M60093S	20MK6607	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	203				23M60550+23M60093S	20MK6607	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	241				23M60550+23M60093S	20MK6607	Cable	175	33
SH SERIES	SH6S-S6007-E3BX		Opp	97				23M60550	20TK4436	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	97				23M60550	20TK4436	Power	300	57
1 FWD. 1 REV.	RL6D-S6005-L3BX	2	Opp	77		77		23M60550+23M60240S	20MK6606	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

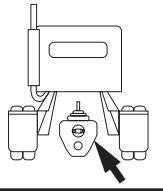



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

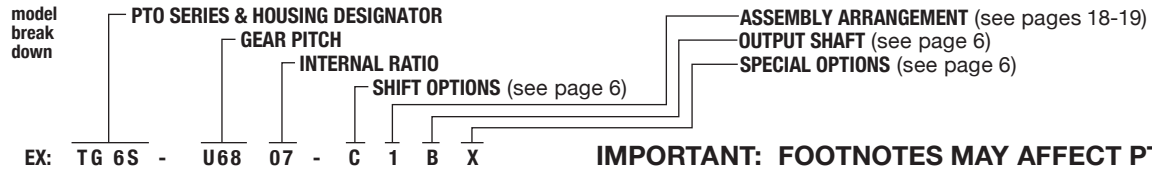
FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		CM-6253B (301087, 301260, 301418) ES72-5B (301637)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 46T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: -.583 PLV: 1677 FPM RPM: 750				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6004-C1BX	1	Opp	59				23M81350	20MK8813	Cable	285	54
	TG8S-S6005-C1BX	1	Opp	77				23M81350	20MK8813	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	100				23M81350	20MK8813	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	119				23M81350	20MK8813	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	145				23M81350	20MK8813	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	151				23M81350	20MK8813	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	186				23M81350	20MK8813	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	211				23M81350	20MK8813	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	238				23M81350	20MK8813	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	283				23M81350	20MK8813	Cable	175	33
SH SERIES	SH8S-S6007-E1B6		Opp	114				23M81200	20MK8813	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	114				23M81200	20MK8813	Power	300	57
1 FWD. 1 REV.	RL8S-S6003-L3BX RL8S-S6005-L3BX	2, 3 3	Opp Opp	44 91		44 91		23M81350 23M81350	20MK8813 20MK8813	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

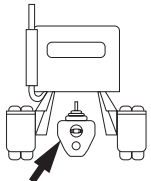



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 CM-6253B (301087, 301260, 301418) ES72-5B (301637)								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 46T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .252 PLV: 1677 FPM RPM: 750				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6004-C3BX	1	Opp	59				23M60800	20MK6609	Cable	285	54
	TG6S-S6005-C3BX	1	Opp	77				23M60800	20MK6609	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	100				23M60800	20MK6609	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	119				23M60800	20MK6609	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	145				23M60800	20MK6609	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	151				23M60800	20MK6609	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	186				23M60800	20MK6609	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	211				23M60800	20MK6609	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	238				23M60800	20MK6609	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	283				23M60800	20MK6609	Cable	175	33
SH SERIES	SH6S-S6007-E3BX		Opp	114				23M60500+23M60187S	20MK6609	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	114				23M60500+23M60187S	20MK6609	Power	300	57
1 FWD. 1 REV.	RL6D-S6003-L3BX RL6D-S6005-L3BX	2, 3 3	Opp Opp	44 91		44 91		23M60600+23M60350 23M60600+23M60350	20MK6610 20MK6610	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

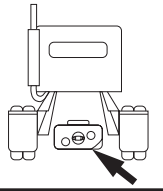



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

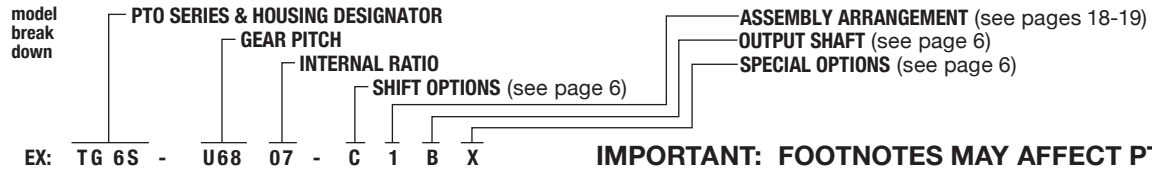
FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)							RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)					
 AMO1000-4C/4D, APO1000-4C/4D, ATO1000-4C/4D, ATO1750-4C/4D, APO1750-4C/4D, 1241C (300977, 301145, 301151), 1241CT, 1241D (300978, 301146, 301152), 1241DT, P1241C (301053), P1241D (301054) Footnote (2)							SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
							39T 5P 20°PA Spur			PLMF: .946		
							LOCATION: Rear			RPM: 884		
							PLV: 1804 FPM					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U5704-C2BX	1, 2	Opp	62				23M60125S	20MK6603	Cable	285	54
	TG6S-U5705-C2BX	1, 2	Opp	81				23M60125S	20MK6603	Cable	270	51
	TG6S-U5706-C2BX	1, 2	Opp	105				23M60125S	20MK6603	Cable	245	47
	TG6S-U5707-C2BX	1, 2	Opp	125				23M60125S	20MK6603	Cable	230	44
	TG6S-U5708-C2BX	1, 2	Opp	152				23M60125S	20MK6603	Cable	230	44
	TG6S-U5709-C2BX	1, 2	Opp	159				23M60125S	20MK6603	Cable	205	39
	TG6S-U5712-C2BH	1, 2	Opp	195				23M60125S	20MK6603	Cable	210	40
	TG6S-U5713-C2BH	1, 2	Opp	222				23M60125S	20MK6603	Cable	210	40
	TG6S-U5715-C2BH	1, 2	Opp	251				23M60125S	20MK6603	Cable	195	37
	TG6S-U5718-C2BH	1, 2	Opp	297				23M60125S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U5705-L2BX	2, 3, 4	Opp	95		95		23M60300	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

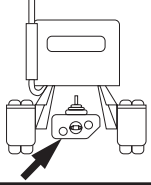



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown are with main transmission in direct drive.
- 3 RL6D-U5703 Series with combined reduction gear box is not available in "2" assembly.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	AMO1000-4C/4D, APO1000-4C/4D, ATO1000-4C/4D, ATO1750-4C/4D, APO1750-4C/4D, 1241C (300977, 301145, 301151), 1241CT, 1241D (300978, 301146, 301152), 1241DT, P1241C (301053), P1241D (301054) Footnote (2)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 5P 20°PA Spur	PLMF: .675			
								LOCATION: Rear	RPM: 884			
								PLV: 1804 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-U5704-C2BX	1, 2	Opp	62				(2) 23M80062	20MK8808	Cable	285	54
	TG8S-U5705-C2BX	1, 2	Opp	81				(2) 23M80062	20MK8808	Cable	270	51
	TG8S-U5706-C2BX	1, 2	Opp	105				(2) 23M80062	20MK8808	Cable	245	47
	TG8S-U5707-C2BX	1, 2	Opp	125				(2) 23M80062	20MK8808	Cable	230	44
	TG8S-U5708-C2BX	1, 2	Opp	152				(2) 23M80062	20MK8808	Cable	230	44
	TG8S-U5709-C2BX	1, 2	Opp	159				(2) 23M80062	20MK8808	Cable	205	39
	TG8S-U5712-C2BH	1, 2	Opp	195				(2) 23M80062	20MK8808	Cable	210	40
	TG8S-U5713-C2BH	1, 2	Opp	222				(2) 23M80062	20MK8808	Cable	210	40
	TG8S-U5715-C2BH	1, 2	Opp	251				(2) 23M80062	20MK8808	Cable	195	37
	TG8S-U5718-C2BH	1, 2	Opp	297				(2) 23M80062	20MK8808	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-U5705-L2BX	2, 3, 4	Opp	95		95		(2) 23M80062	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U5713-L2CX	2,5	Opp	164				(2) 23M80062	20MK8817	Lever	375	71
1 FWD. 1 REV.												

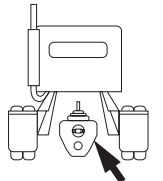



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown are with main transmission in direct drive.
- 3 RL8S-U5703 Series with combined reduction gear box is not available in "2" assembly.
- 4 Do not use for continuous duty applications.
- 5 82 series ratio below 13 is no longer available.

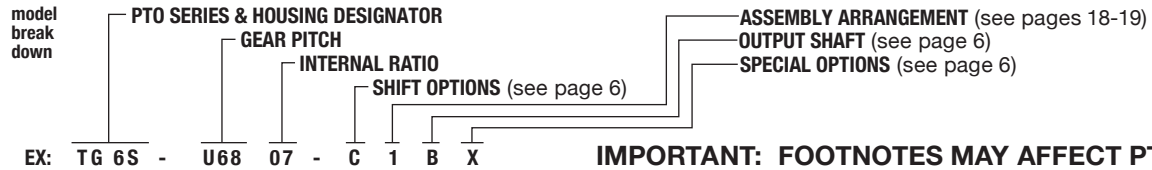
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 40T 7.3449P 20°PA 24° R.H. LOCATION: Front PLMF: 1.00 PLV: 764 FPM RPM: 490	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G7306-C1BX	1	Opp	45					Included	Cable	245	47
	TG6S-G7307-C1BX	1	Opp	53					Included	Cable	230	44
	TG6S-G7308-C1BX	1	Opp	64					Included	Cable	230	44
	TG6S-G7309-C1BX	1	Opp	67					Included	Cable	205	39
	TG6S-G7312-C1BH	1	Opp	82					Included	Cable	210	40
	TG6S-G7313-C1BH	1	Opp	94					Included	Cable	210	40
	TG6S-G7315-C1BH	1	Opp	106					Included	Cable	195	37
	TG6S-G7318-C1BH	1	Opp	125					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 2, 3 40TG7368-1 + 23M60125S + 20MK6602 — See footnotes below. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

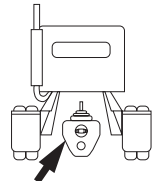



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34325 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series to TG6D-S68** input gear. Change assembly arrangement to "2". Add 23M60200S & 20MK6603 to order for TG installation to the adapter.
- 3 Do not use for continuous duty applications.

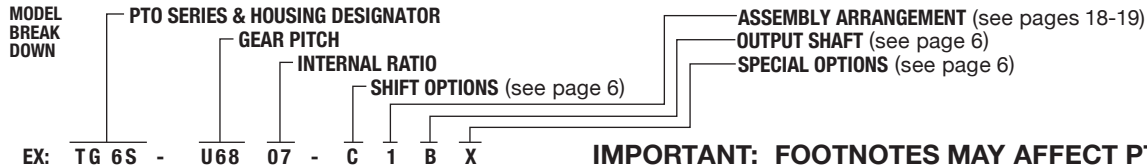
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 ES42-5A (301438), CM-4054A (301329) This transmission has two openings on the left side. PTO accessible onto front opening only.	SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 40T 7.3449P 20°PA 24° R.H. LOCATION: Front PLMF: 1.00 PLV: 764 FPM RPM: 490

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G7307-C3BX	1, 2	Opp	53					Included	Cable	230	44
	TG6S-G7308-C3BX	1, 2	Opp	64					Included	Cable	230	44
	TG6S-G7309-C3BX	1, 2	Opp	67					Included	Cable	205	39
	TG6S-G7312-C3BH	1, 2	Opp	82					Included	Cable	210	40
	TG6S-G7313-C3BH	1, 2	Opp	94					Included	Cable	210	40
	TG6S-G7315-C3BH	1, 2	Opp	106					Included	Cable	195	37
TG6S-G7318-C3BH	1, 2	Opp	125					Included	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 4, 5 40TG7368-2 + 23M60125S + 20MK6602 — See footnotes below. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

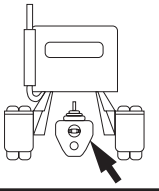

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



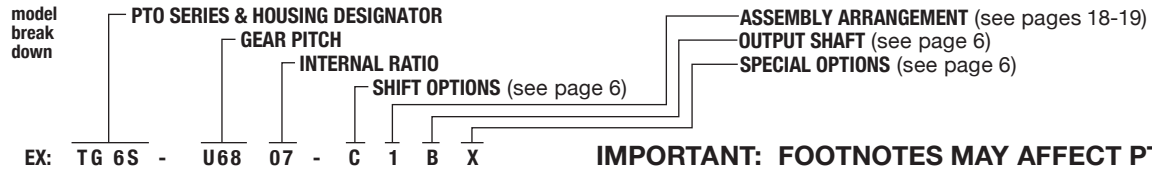
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Direct mount pump may require adapter due to case interference, or use "1" assembly PTO with PK Series and "A" pilot without adapter.
 - 2 TG Series Input Gear: #03T34325 — Refer to kit program on pages 10 & 11.
 - 3 Shaft high arrangement is shown.
 - 4 Change TG Series to TG6D-S68** input gear. Change assembly arrangement to "4".
Add 23M60200S & 20MK6603 to order for TG installation to the adapter.
 - 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES42-5D (301439), CM-4054D (301343, 301421)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 42T 7.3449P 20°PA 24° R.H. LOCATION: Front PLMF: .850 PLV: 802 FPM RPM: 490				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G7307-C1BX	1, 2	Opp	55				23M60140S	20MK6602	Cable	230	44
	TG6S-G7308-C1BX	1, 2	Opp	67				23M60140S	20MK6602	Cable	230	44
	TG6S-G7309-C1BX	1, 2	Opp	70				23M60140S	20MK6602	Cable	205	39
	TG6S-G7312-C1BH	1, 2	Opp	86				23M60140S	20MK6602	Cable	210	40
	TG6S-G7313-C1BH	1, 2	Opp	98				23M60140S	20MK6602	Cable	210	40
	TG6S-G7315-C1BH	1, 2	Opp	110				23M60140S	20MK6602	Cable	195	37
TG6S-G7318-C1BH	1, 2	Opp	131				23M60140S	20MK6602	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		3, 4	40TG7368-1 + 23M60140S + 20MK6602 — See footnotes below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

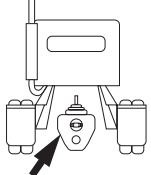



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34325 — Refer to kit program on pages 10 & 11.
- 2 PTO's may interfere with a brake mechanism located on this side of the transmission.
- 3 Change TG Series to TG6D-S68** input gear. Change assembly arrangement to "2". Add 23M60200S & 20MK6603 to order for TG installation to the adapter.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ES42-5D (301439), CM-4054D (301343, 301421) This transmission has two openings on the left side. PTO accessible onto front opening only.						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								42T 7.3449P 20°PA 24° R.H. LOCATION: Front PLMF: .850 PLV: 802 FPM RPM: 490				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-G7307-C3BX	1, 2	Opp	55				23M60140S	20MK6602	Cable	230	44
	TG6S-G7308-C3BX	1, 2	Opp	67				23M60140S	20MK6602	Cable	230	44
	TG6S-G7309-C3BX	1, 2	Opp	70				23M60140S	20MK6602	Cable	205	39
	TG6S-G7312-C3BH	1, 2	Opp	86				23M60140S	20MK6602	Cable	210	40
	TG6S-G7313-C3BH	1, 2	Opp	98				23M60140S	20MK6602	Cable	210	40
	TG6S-G7315-C3BH	1, 2	Opp	110				23M60140S	20MK6602	Cable	195	37
TG6S-G7318-C3BH	1, 2	Opp	131				23M60140S	20MK6602	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		4, 5	40TG7368-1 + 23M60140S + 20MK6602 — See footnote below.				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

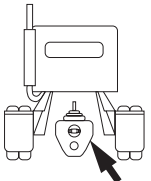



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

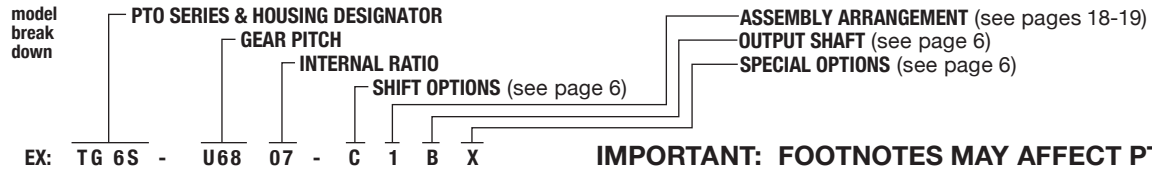
FOOTNOTES:

- 1 Direct mount pump may require adapter due to case interference, or use "1" assembly PTO with PK Series and "A" pilot without adapter.
- 2 TG Series Input Gear: #03T34325 — Refer to kit program on pages 10 & 11.
- 3 Shaft high arrangement is shown.
- 4 Change TG Series to TG6D-S68** input gear. Change assembly arrangement to "4". Add 23M60200S & 20MK6603 to order for TG installation to the adapter.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES43-5A, ES52-5A (301455), ES53-5A, CM-4954A (301386)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 32T 6P 17.5°PA 22.25° R.H. LOCATION: Front PLMF: 1.102 PLV: 724 FPM RPM: 480				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6106-C1BX	1	Opp	43				23M60032S	Included	Cable	245	47
	TG6S-S6107-C1BX	1	Opp	50				23M60032S	Included	Cable	230	44
	TG6S-S6108-C1BX	1	Opp	61				23M60032S	Included	Cable	230	44
	TG6S-S6109-C1BX	1	Opp	64				23M60032S	Included	Cable	205	39
	TG6S-S6112-C1BH	1	Opp	79				23M60032S	Included	Cable	210	40
	TG6S-S6113-C1BH	1	Opp	89				23M60032S	Included	Cable	210	40
	TG6S-S6115-C1BH	1	Opp	101				23M60032S	Included	Cable	195	37
	TG6S-S6118-C1BH	1	Opp	120				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

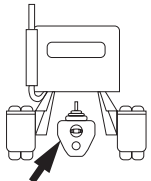

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:
 1 TG Series Input Gear: #03T96746 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ES43-5A, ES52-5A (301455), ES53-5A, CM-4954A (301386) This transmission has two openings on the left side. PTO accessible onto front opening only.						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								32T 6P 17.5°PA 22.25° R.H. LOCATION: Front PLMF: 1.102 PLV: 724 FPM RPM: 480				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6106-C3BX	1, 2	Opp	43				23M60032S	Included	Cable	245	47
	TG6S-S6107-C3BX	1, 2	Opp	50				23M60032S	Included	Cable	230	44
	TG6S-S6108-C3BX	1, 2	Opp	61				23M60032S	Included	Cable	230	44
	TG6S-S6109-C3BX	1, 2	Opp	64				23M60032S	Included	Cable	205	39
	TG6S-S6112-C3BH	1, 2	Opp	79				23M60032S	Included	Cable	210	40
	TG6S-S6113-C3BH	1, 2	Opp	89				23M60032S	Included	Cable	210	40
	TG6S-S6115-C3BH	1, 2	Opp	101				23M60032S	Included	Cable	195	37
	TG6S-S6118-C3BH	1, 2	Opp	120				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

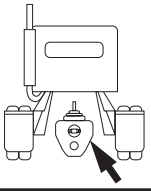



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

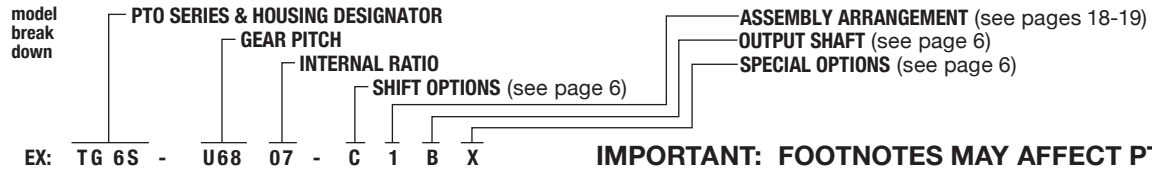
FOOTNOTES:

- 1 TG Series Input Gear: #03T96746 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES43-5D (301511), ES52-5D (301456), ES53-5D, CM-4954D (301387)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 6P 17.5°PA 22.25° R.H. LOCATION: Front PLMF: .922 PLV: 769 FPM RPM: 480				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6106-C1BX	1, 2	Opp	45				23M60140S	20MK6603	Cable	245	47
	TG6S-S6107-C1BX	1, 2	Opp	53				23M60140S	20MK6603	Cable	230	44
	TG6S-S6108-C1BX	1, 2	Opp	65				23M60140S	20MK6603	Cable	230	44
	TG6S-S6109-C1BX	1, 2	Opp	68				23M60140S	20MK6603	Cable	205	39
	TG6S-S6112-C1BH	1, 2	Opp	83				23M60140S	20MK6603	Cable	210	40
	TG6S-S6113-C1BH	1, 2	Opp	95				23M60140S	20MK6603	Cable	210	40
	TG6S-S6115-C1BH	1, 2	Opp	107				23M60140S	20MK6603	Cable	195	37
	TG6S-S6118-C1BH	1, 2	Opp	128				23M60140S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

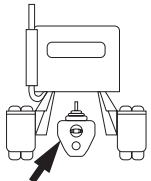



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96746 — Refer to kit program on pages 10 & 11.
- 2 IHC Series 1854-4X4 — PTO interferes with exhaust and front driveshaft.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 ES43-5D (301511), ES52-5D (301456), ES53-5D, CM-4954D (301387) This transmission has two openings on the left side. PTO accessible onto front opening only.				SAE 6-BOLT OPENING				
				PTO DRIVE GEAR DATA: 34T 6P 17.5°PA 22.25° R.H. LOCATION: Front PLMF: .922 PLV: 769 FPM RPM: 480				

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6106-C3BX	1, 2	Opp	45				23M60140S	20MK6603	Cable	245	47
	TG6S-S6107-C3BX	1, 2	Opp	53				23M60140S	20MK6603	Cable	230	44
	TG6S-S6108-C3BX	1, 2	Opp	65				23M60140S	20MK6603	Cable	230	44
	TG6S-S6109-C3BX	1, 2	Opp	68				23M60140S	20MK6603	Cable	205	39
	TG6S-S6112-C3BH	1, 2	Opp	83				23M60140S	20MK6603	Cable	210	40
	TG6S-S6113-C3BH	1, 2	Opp	95				23M60140S	20MK6603	Cable	210	40
	TG6S-S6115-C3BH	1, 2	Opp	107				23M60140S	20MK6603	Cable	195	37
	TG6S-S6118-C3BH	1, 2	Opp	128				23M60140S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

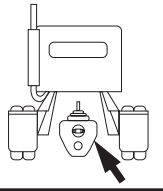



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

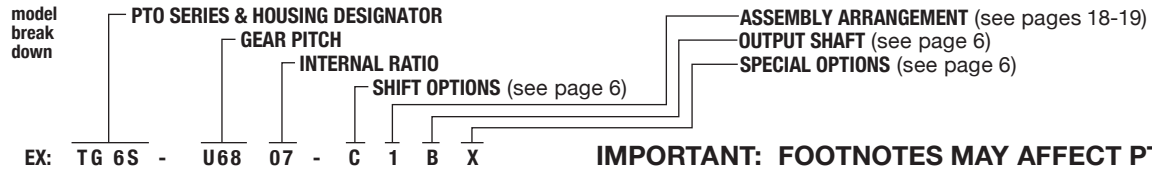
FOOTNOTES:

- 1 TG Series Input Gear: #03T96746 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES52-7A (301451), ES52-7B (301642)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								34T 7.00P 17.5°PA 18° R.H. LOCATION: Front PLMF: 1.411 PLV: 652 FPM RPM: 488				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7107-C1BX	1, 2, 3, 4	Opp	41					Included	Cable	230	44
	TG6N-S7108-C1BX	1, 2, 3, 4	Opp	51					Included	Cable	230	44
	TG6N-S7109-C1BX	1, 2, 3, 4	Opp	53					Included	Cable	205	39
	TG6N-S7112-C1BH	1, 2, 3, 4	Opp	65					Included	Cable	210	40
	TG6N-S7113-C1BH	1, 2, 3, 4	Opp	74					Included	Cable	210	40
	TG6N-S7115-C1BH	1, 2, 3, 4	Opp	84					Included	Cable	195	37
	TG6N-S7118-C1BH	1, 2, 3, 4	Opp	98					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7107-E1BX	3, 4	Opp	39					Included	Power	300	57
	CS6N-S7109-E1BX	3, 4	Opp	49					Included	Power	275	52
	CS6S-U6809-E1BX	3	Crnk	58			40TS7168		Included	Power	275	52
	CS6S-U6812-E1BX	3	Crnk	76			40TS7168		Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Crnk	36		36	40TS7168	23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		6	40TS7168				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

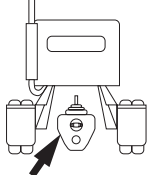



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

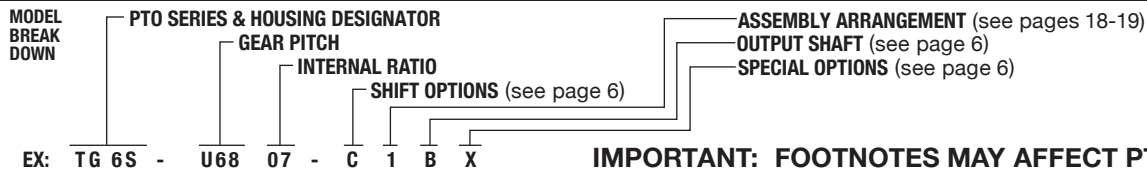
FOOTNOTES:

- This PTO requires a Special Housing and is not available in standard kit form.
- TG Series Input Gear: #03T35540 — Refer to kit program on pages 10 & 11.
- Possible exhaust interference.
- Use "3" arrangement PTO for direct mount pump clearance.
- Do not use for continuous duty applications.
- Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ES52-7A (301451), ES52-7B (301642)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 7.00P 17.5°PA 18° R.H. LOCATION: Front PLMF: 1.411 PLV: 652 FPM RPM: 488				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7107-C3BX	1, 2, 3	Opp	41					Included	Cable	230	44
	TG6N-S7108-C3BX	1, 2, 3	Opp	51					Included	Cable	230	44
	TG6N-S7109-C3BX	1, 2, 3	Opp	53					Included	Cable	205	39
	TG6N-S7112-C3BH	1, 2, 3	Opp	65					Included	Cable	210	40
	TG6N-S7113-C3BH	1, 2, 3	Opp	74					Included	Cable	210	40
	TG6N-S7115-C3BH	1, 2, 3	Opp	84					Included	Cable	195	37
	TG6N-S7118-C3BH	1, 2, 3	Opp	98					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7107-E3BX	3	Opp	39					Included	Power	300	57
	CS6N-S7109-E3BX	3	Opp	49					Included	Power	275	52
	CS6S-U6809-E3BX		Crnk	58			40TS7168		Included	Power	275	52
	CS6S-U6812-E3BX		Crnk	76			40TS7168		Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	4	Crnk	36		36	40TS7168	23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TS7168				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

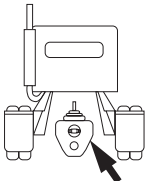



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

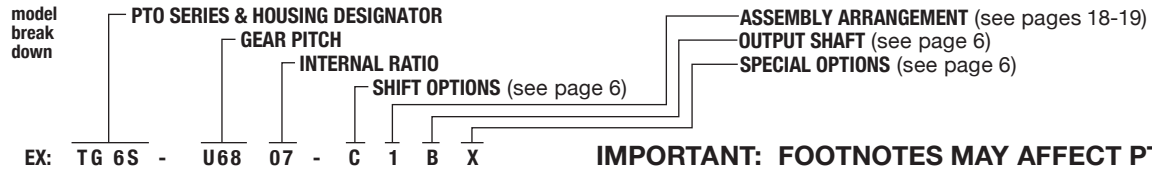
FOOTNOTES:

- 1 This PTO requires a Special Housing and is not available in standard kit form.
- 2 TG Series Input Gear: #03T35540 – Refer to kit program on pages 10 & 11.
- 3 Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount PKS pumps with “S” Flange on PTO may be mounted towards the front of the vehicle or use adapter listed above, note change in rotation in either case.
- 4 Do not use for continuous duty applications.
- 5 Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES60-5A (301460), ES60-5C (301461), ES60-5F (301482), ES62-5A, ES67-5A, CM-5052A (301068), CM-5052C (301080, 301249), CM-5510 (301315, 301371), CM-5552A (301309, 301366), CM-5552C (301311, 301368), CM-5952A (301360), CM-5952C (301362)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								41T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .470 PLV: 850 FPM RPM: 490				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S7006-C1BX	1, 2	Opp	51				23M80295+23M80062	20MK8815	Cable	245	47
	TG8S-S7007-C1BX	1, 2	Opp	61				23M80295+23M80062	20MK8815	Cable	230	44
	TG8S-S7008-C1BX	1, 2	Opp	74				23M80295+23M80062	20MK8815	Cable	230	44
	TG8S-S7009-C1BX	1, 2	Opp	77				23M80295+23M80062	20MK8815	Cable	205	39
	TG8S-S7012-C1BH	1, 2	Opp	95				23M80295+23M80062	20MK8815	Cable	210	40
	TG8S-S7013-C1BH	1, 2	Opp	108				23M80295+23M80062	20MK8815	Cable	210	40
	TG8S-S7015-C1BH	1, 2	Opp	121				23M80295+23M80062	20MK8815	Cable	195	37
	TG8S-S7018-C1BH	1, 2	Opp	144				23M80295+23M80062	20MK8815	Cable	175	33
SH SERIES	SH8S-S7009-E1BX		Opp	72				23M80248+23M80062	20MK8815	Elec/Air	375	71
CLUTCH SHIFT	CS8S-S7009-E1BX		Opp	72				23M80248+23M80062	20MK8815	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-S7008-L1CX		Opp	43				23M80248+23M80062	20MK8817	Lever	450	85
	828S-S7010-L1CX		Opp	57				23M80248+23M80062	20MK8817	Lever	410	78
	828S-S7013-L1CX		Opp	77				23M80248+23M80062	20MK8817	Lever	375	71
1 FWD. 1 REV.												

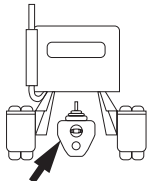



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 For Mack Midliner applications use assembly arrangement #3.
- 2 TG Series Input Gear: #03T34287 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	ES60-5A (301460), ES60-5C (301461), ES60-5F (301482), ES62-5A, ES67-5A, CM-5052A (301068), CM-5052C (301080, 301249), CM-5510 (301315, 301371), CM-5552A (301309, 301366), CM-5552C (301311, 301368), CM-5952A (301360), CM-5952C (301362)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S7006-C3BX	1	Opp	51				23M60350	20MK6604	Cable	245	47
	TG6S-S7007-C3BX	1	Opp	61				23M60350	20MK6604	Cable	230	44
	TG6S-S7008-C3BX	1	Opp	74				23M60350	20MK6604	Cable	230	44
	TG6S-S7009-C3BX	1	Opp	77				23M60350	20MK6604	Cable	205	39
	TG6S-S7012-C3BH	1	Opp	95				23M60350	20MK6604	Cable	210	40
	TG6S-S7013-C3BH	1	Opp	108				23M60350	20MK6604	Cable	210	40
	TG6S-S7015-C3BH	1	Opp	121				23M60350	20MK6604	Cable	195	37
	TG6S-S7018-C3BH	1	Opp	144				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-S7009-E3BX		Opp	72				23M60350	20TK4434	Elec/Air	375	71
CLUTCH SHIFT	CS6S-S7009-E3BX		Opp	72				23M60350	20TK4434	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

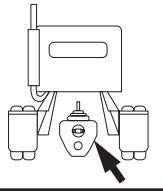



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

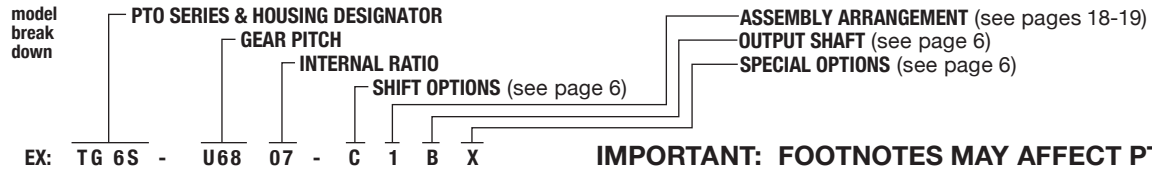
FOOTNOTES:

1 TG Series Input Gear: #03T34287 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	ES55-5D, ES60-5D (301462), ES62-5D (301530), ES67-5D, CM-5052D (301230, 301250), CM-5552D (301312, 301369), CM-5952D (301363)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 43T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .290 PLV: 894 FPM RPM: 491				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S7005-C1BX	1, 2	Opp	41				23M80500	20MK8817	Cable	270	51
	TG8S-S7006-C1BX	1, 2	Opp	54				23M80500	20MK8817	Cable	245	47
	TG8S-S7007-C1BX	1, 2	Opp	63				23M80500	20MK8817	Cable	230	44
	TG8S-S7008-C1BX	1, 2	Opp	78				23M80500	20MK8817	Cable	230	44
	TG8S-S7009-C1BX	1, 2	Opp	81				23M80500	20MK8817	Cable	205	39
	TG8S-S7012-C1BH	1, 2	Opp	99				23M80500	20MK8817	Cable	210	40
	TG8S-S7013-C1BH	1, 2	Opp	113				23M80500	20MK8817	Cable	210	40
	TG8S-S7015-C1BH	1, 2	Opp	128				23M80500	20MK8817	Cable	195	37
	TG8S-S7018-C1BH	1, 2	Opp	151				23M80500	20MK8817	Cable	175	33
SH SERIES	SH8S-S7009-E1BX		Opp	76				23M80500	20MK8817	Elec/Air	375	71
CLUTCH SHIFT	CS8S-S7009-E1BX		Opp	76				23M80500	20MK8817	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-S7008-L1CX		Opp	45				23M80500	20MK8816	Lever	450	85
	828S-S7010-L1CX		Opp	61				23M80500	20MK8816	Lever	410	78
	828S-S7013-L1CX		Opp	80				23M80500	20MK8816	Lever	375	71
1 FWD. 1 REV.												

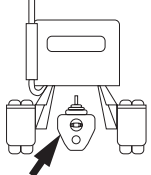



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 For Mack Midliner applications use assembly arrangement #3.
- 2 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	ES55-5D, ES60-5D (301462), ES62-5D (301530), ES67-5D, CM-5052D (301230, 301250), CM-5552D (301312, 301369), CM-5952D (301363)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								43T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .560 PLV: 894 FPM RPM: 491				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S7005-C3BX	1	Opp	41				23M60500	20MK6605	Cable	270	51
	TG6S-S7006-C3BX	1	Opp	54				23M60500	20MK6605	Cable	245	47
	TG6S-S7007-C3BX	1	Opp	63				23M60500	20MK6605	Cable	230	44
	TG6S-S7008-C3BX	1	Opp	78				23M60500	20MK6605	Cable	230	44
	TG6S-S7009-C3BX	1	Opp	81				23M60500	20MK6605	Cable	205	39
	TG6S-S7012-C3BH	1	Opp	99				23M60500	20MK6605	Cable	210	40
	TG6S-S7013-C3BH	1	Opp	113				23M60500	20MK6605	Cable	210	40
	TG6S-S7015-C3BH	1	Opp	128				23M60500	20MK6605	Cable	195	37
	TG6S-S7018-C3BH	1	Opp	151				23M60500	20MK6605	Cable	175	33
SH SERIES	SH6S-S7009-E3BX		Opp	76				23M60500	20TK4435	Elec/Air	375	71
CLUTCH SHIFT	CS6S-S7009-E3BX		Opp	76				23M60500	20TK4435	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

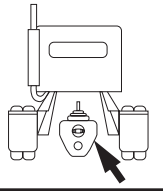



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

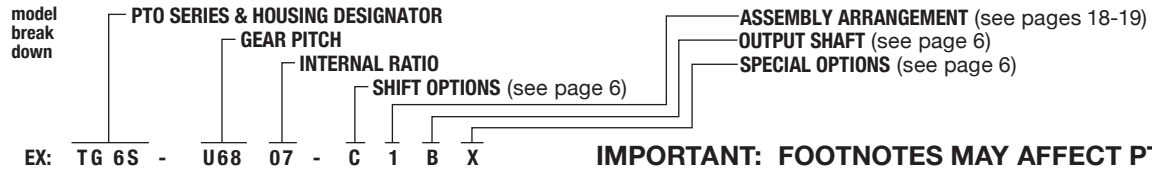
FOOTNOTES:

1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES60-5E (301463), CM50-HD, CM-5252A (301081, 301251), CM-5852A (301313, 301370), CM-5952E (301364)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 43T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .290 PLV: 972 FPM RPM: 534				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S7005-C1BX	1, 2	Opp	45				23M80500	20MK8817	Cable	270	51
	TG8S-S7006-C1BX	1, 2	Opp	59				23M80500	20MK8817	Cable	245	47
	TG8S-S7007-C1BX	1, 2	Opp	69				23M80500	20MK8817	Cable	230	44
	TG8S-S7008-C1BX	1, 2	Opp	84				23M80500	20MK8817	Cable	230	44
	TG8S-S7009-C1BX	1, 2	Opp	88				23M80500	20MK8817	Cable	205	39
	TG8S-S7012-C1BH	1, 2	Opp	108				23M80500	20MK8817	Cable	210	40
	TG8S-S7013-C1BH	1, 2	Opp	123				23M80500	20MK8817	Cable	210	40
	TG8S-S7015-C1BH	1, 2	Opp	139				23M80500	20MK8817	Cable	195	37
	TG8S-S7018-C1BH	1, 2	Opp	165				23M80500	20MK8817	Cable	175	33
SH SERIES	SH8S-S7009-E1BX		Opp	82				23M80500	20MK8817	Elec/Air	375	71
CLUTCH SHIFT	CS8S-S7009-E1BX		Opp	82				23M80500	20MK8817	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-S7008-L1CX		Opp	49				23M80500	20MK8816	Lever	450	85
	828S-S7010-L1CX		Opp	66				23M80500	20MK8816	Lever	410	78
	828S-S7013-L1CX		Opp	87				23M80500	20MK8816	Lever	375	71
1 FWD. 1 REV.												

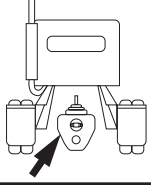



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

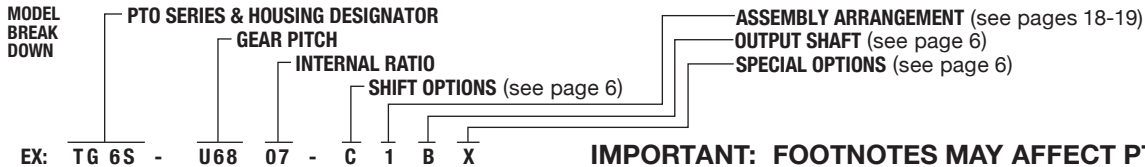
FOOTNOTES:

- 1 For Mack Midliner applications use assembly arrangement #3.
- 2 TG Series Input Gear: #03T34287 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ES60-5E (301463), CM50-HD, CM-5252A (301081, 301251), CM-5852A (301313, 301370), CM-5952E (301364)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 43T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .560 PLV: 972 FPM RPM: 534				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S7005-C3BX	1	Opp	45				23M60500	20MK6605	Cable	270	51
	TG6S-S7006-C3BX	1	Opp	59				23M60500	20MK6605	Cable	245	47
	TG6S-S7007-C3BX	1	Opp	69				23M60500	20MK6605	Cable	230	44
	TG6S-S7008-C3BX	1	Opp	84				23M60500	20MK6605	Cable	230	44
	TG6S-S7009-C3BX	1	Opp	88				23M60500	20MK6605	Cable	205	39
	TG6S-S7012-C3BH	1	Opp	108				23M60500	20MK6605	Cable	210	40
	TG6S-S7013-C3BH	1	Opp	123				23M60500	20MK6605	Cable	210	40
	TG6S-S7015-C3BH	1	Opp	139				23M60500	20MK6605	Cable	195	37
	TG6S-S7018-C3BH	1	Opp	165				23M60500	20MK6605	Cable	175	33
SH SERIES	SH6S-S7009-E3BX		Opp	82				23M60500	20TK4435	Elec/Air	375	71
CLUTCH SHIFT	CS6S-S7009-E3BX		Opp	82				23M60500	20TK4435	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

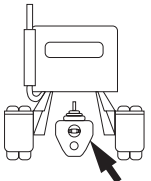



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

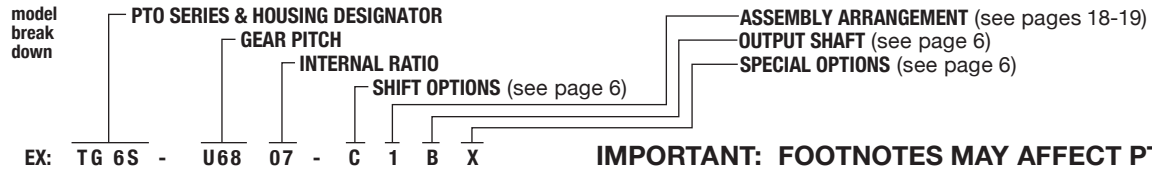
FOOTNOTES:

1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
 ES65-5A (301466), ES70-5A (301536), ES72-5A, CM-6052A (301075, 301253, 301413)								SAE 8-BOLT OPENING					PTO DRIVE GEAR DATA:
								6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO
				HI	LO	REV						TORQUE	HP
SINGLE GEAR													
SINGLE SPEED MULTI GEAR	TG8S-S6005-C1BX	1	Opp	47					23M80500+23M80295	20MK8816	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	61					23M80500+23M80295	20MK8816	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	72					23M80500+23M80295	20MK8816	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	88					23M80500+23M80295	20MK8816	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	92					23M80500+23M80295	20MK8816	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	113					23M80500+23M80295	20MK8816	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	129					23M80500+23M80295	20MK8816	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	145					23M80500+23M80295	20MK8816	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	172					23M80500+23M80295	20MK8816	Cable	175	33
SH SERIES	SH8S-S6007-E1BX		Opp	69					23M80500+23M80248	20MK8816	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	69					23M80500+23M80248	20MK8816	Power	300	57
1 FWD. 1 REV.													
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

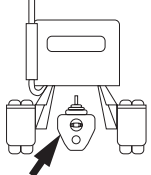



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

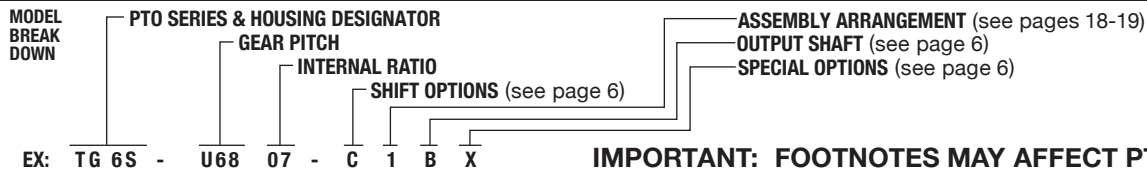
FOOTNOTES:

1 TG Series Input Gear: #03T34286 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)							
 ES65-5A (301466), ES70-5A (301536), ES72-5A, CM-6052A (301075, 301253, 301413)								SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:		
								40T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .809 PLV: 1015 FPM RPM: 522							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO				
				HI	LO	REV					TORQUE	HP			
SINGLE GEAR															
SINGLE SPEED MULTI GEAR	TG6S-S6005-C3BX	1	Opp	47				23M60270	20MK6604	Cable	270	51			
	TG6S-S6006-C3BX	1	Opp	61				23M60270	20MK6604	Cable	245	47			
	TG6S-S6007-C3BX	1	Opp	72				23M60270	20MK6604	Cable	230	44			
	TG6S-S6008-C3BX	1	Opp	88				23M60270	20MK6604	Cable	230	44			
	TG6S-S6009-C3BX	1	Opp	92				23M60270	20MK6604	Cable	205	39			
	TG6S-S6012-C3BH	1	Opp	113				23M60270	20MK6604	Cable	210	40			
	TG6S-S6013-C3BH	1	Opp	129				23M60270	20MK6604	Cable	210	40			
	TG6S-S6015-C3BH	1	Opp	145				23M60270	20MK6604	Cable	195	37			
	TG6S-S6018-C3BH	1	Opp	172				23M60270	20MK6604	Cable	175	33			
SH SERIES	SH6S-S6007-E3BX		Opp	69				23M60187S	20TK4433	Elec/Air	400	76			
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	69				23M60187S	20TK4433	Power	300	57			
1 FWD. 1 REV.															
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX							

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

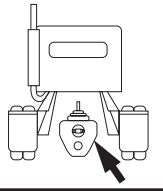



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

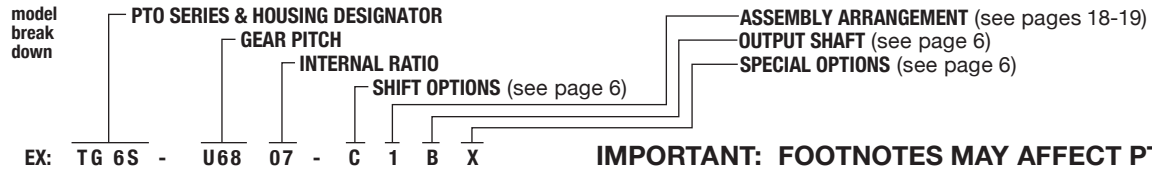
FOOTNOTES:

1 TG Series Input Gear: #03T34286 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES65-5B (301467), CM-6052B (301082, 301254, 301414)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 38T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .160 PLV: 964 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6005-C1BX	1	Opp	44				23M80375+23M80248	20MK8817	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	58				23M80375+23M80248	20MK8817	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	68				23M80375+23M80248	20MK8817	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	83				23M80375+23M80248	20MK8817	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	87				23M80375+23M80248	20MK8817	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	107				23M80375+23M80248	20MK8817	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	122				23M80375+23M80248	20MK8817	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	137				23M80375+23M80248	20MK8817	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	163				23M80375+23M80248	20MK8817	Cable	175	33
SH SERIES	SH8S-S6007-E1BX		Opp	65				23M80375+23M80190	20MK8817	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	65				23M80375+23M80190	20MK8817	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

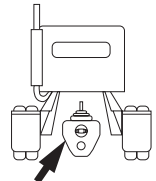



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 ES65-5B (301467), CM-6052B (301082, 301254, 301414)	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 38T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .994 PLV: 964 FPM RPM: 522	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6005-C3BX	1	Opp	44				23M60093S	20MK6602	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	58				23M60093S	20MK6602	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	68				23M60093S	20MK6602	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	83				23M60093S	20MK6602	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	87				23M60093S	20MK6602	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	107				23M60093S	20MK6602	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	122				23M60093S	20MK6602	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	137				23M60093S	20MK6602	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	163				23M60093S	20MK6602	Cable	175	33
SH SERIES	SH6S-S6007-E3BX		Opp	65				23M60032S	Included	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	65				23M60032S	Included	Power	300	57
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

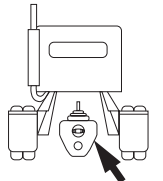

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.

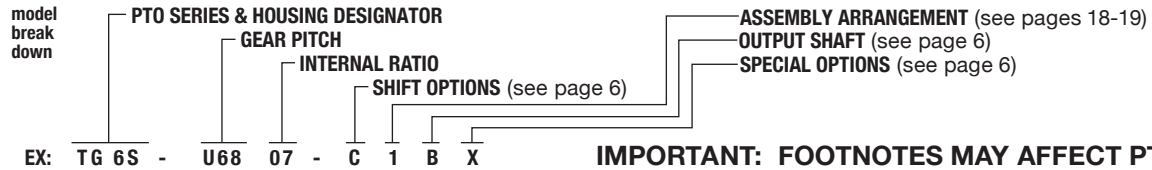
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 8-BOLT OPENING PTO DRIVE GEAR DATA: 42T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: -.211 PLV: 1067 FPM RPM: 522	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6005-C1BX	1	Opp	49				(2) 23M80500	20MK8807	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	63				(2) 23M80500	20MK8807	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	75				(2) 23M80500	20MK8807	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	93				(2) 23M80500	20MK8807	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	97				(2) 23M80500	20MK8807	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	119				(2) 23M80500	20MK8807	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	136				(2) 23M80500	20MK8807	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	153				(2) 23M80500	20MK8807	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	181				(2) 23M80500	20MK8807	Cable	175	33
SH SERIES	SH8S-S6007-E1BX		Opp	72				(2) 23M80500	20MK8807	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	72				(2) 23M80500	20MK8807	Power	300	57
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

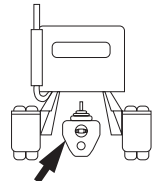

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:
 1 TG Series Input Gear: #03T34286 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 ES65-5D (301469), ES70-5D (301539), ES72-5C, ES72-5D, CM-6052D (301256, 301416), CV67F				SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 42T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .623 PLV: 1067 FPM RPM: 522		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6005-C3BX	1	Opp	49				23M60450	20MK6605	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	63				23M60450	20MK6605	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	75				23M60450	20MK6605	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	93				23M60450	20MK6605	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	97				23M60450	20MK6605	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	119				23M60450	20MK6605	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	136				23M60450	20MK6605	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	153				23M60450	20MK6605	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	181				23M60450	20MK6605	Cable	175	33
SH SERIES	SH8S-S6007-E3BX		Opp	72				23M60350	20TK4435	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	72				23M60350	20TK4435	Power	300	57
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

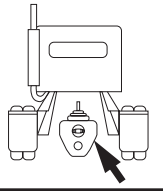



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

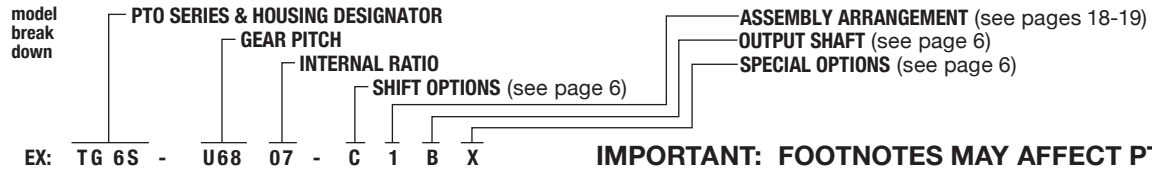
FOOTNOTES:

1 TG Series Input Gear: #03T34286 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ES65-5E (301468), CM-6052C (301083, 301255, 301468)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 42T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: -.211 PLV: 1160 FPM RPM: 568				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6005-C1BX	1	Opp	53				(2) 23M80500	20MK8807	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	69				(2) 23M80500	20MK8807	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	82				(2) 23M80500	20MK8807	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	101				(2) 23M80500	20MK8807	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	105				(2) 23M80500	20MK8807	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	129				(2) 23M80500	20MK8807	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	147				(2) 23M80500	20MK8807	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	165				(2) 23M80500	20MK8807	Cable	195	37
	TG8S-S6018-C1BH	1	Opp	196				(2) 23M80500	20MK8807	Cable	175	33
SH SERIES	SH8S-S6007-E1BX		Opp	79				23M80500+23M80375	20MK8807	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	79				23M80500+23M80375	20MK8807	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

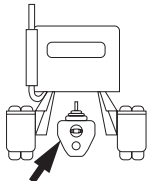



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T34286 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		ES65-5E (301468), CM-6052C (301083, 301255, 301468)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 42T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .623 PLV: 1160 FPM RPM: 568				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6004-C3BX	1	Opp	41				23M60450	20MK6605	Cable	285	54
	TG6S-S6005-C3BX	1	Opp	53				23M60450	20MK6605	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	69				23M60450	20MK6605	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	82				23M60450	20MK6605	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	101				23M60450	20MK6605	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	105				23M60450	20MK6605	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	129				23M60450	20MK6605	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	147				23M60450	20MK6605	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	165				23M60450	20MK6605	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	196				23M60450	20MK6605	Cable	175	33
SH SERIES	SH6S-S6007-E3BX		Opp	79				23M60350	20TK4435	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	79				23M60350	20TK4435	Power	300	57
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

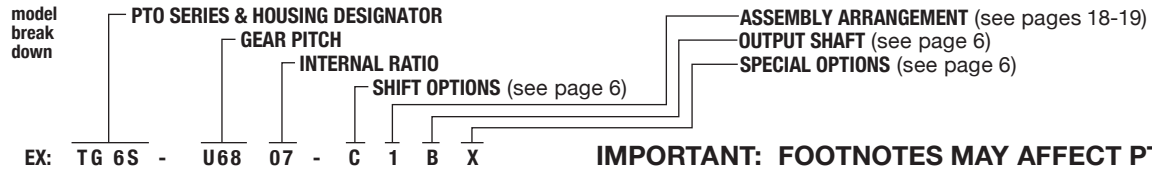
FOOTNOTES:

1 TG Series Input Gear: #03T34286 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	ASO56-7A, ASO56-7B, ASO66-7A, ASO66-7B, ESO65-7A (301452), ESO66-7B (301643) Footnote (3)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								34T 7.00P 17.5°PA 18° R.H. LOCATION: Front PLMF: 1.411 PLV: 880 FPM RPM: 658				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7106-C1BX	1, 2, 4	Opp	47					Included	Cable	245	47
	TG6N-S7107-C1BX	1, 2, 4	Opp	56					Included	Cable	230	44
	TG6N-S7108-C1BX	1, 2, 4	Opp	68					Included	Cable	230	44
	TG6N-S7109-C1BX	1, 2, 4	Opp	71					Included	Cable	205	39
	TG6N-S7112-C1BH	1, 2, 4	Opp	87					Included	Cable	210	40
	TG6N-S7113-C1BH	1, 2, 4	Opp	99					Included	Cable	210	40
	TG6N-S7115-C1BH	1, 2, 4	Opp	112					Included	Cable	195	37
	TG6N-S7118-C1BH	1, 2, 4	Opp	133					Included	Cable	175	33
SH SERIES	SH6N-S7107-E1BX	4	Opp	53					Included	Elec/Air	400	76
	SH6N-S7109-E1BX	4	Opp	66					Included	Elec/Air	375	71
	SH6S-U6809-E1BX		Crnk	78			40TS7168		Included	Elec/Air	375	71
	SH6S-U6812-E1BX		Crnk	103			40TS7168		Included	Elec/Air	325	62
CLUTCH SHIFT	CS6N-S7107-E1BX	4	Opp	53					Included	Power	300	57
	CS6N-S7109-E1BX	4	Opp	66					Included	Power	275	52
	CS6S-U6809-E1BX		Crnk	78			40TS7168		Included	Power	275	52
	CS6S-U6812-E1BX		Crnk	103			40TS7168		Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	6	Crnk	49		49	40TS7168	23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TS7168					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

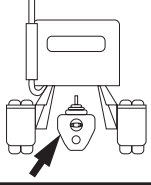

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



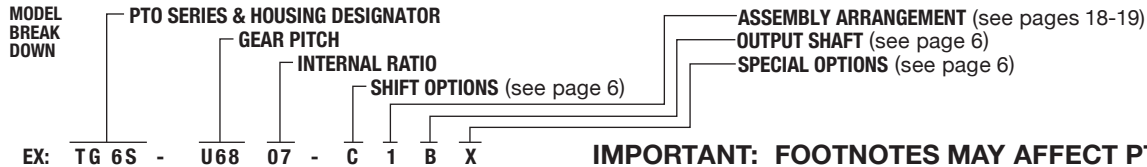
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 This PTO requires a Special Housing and is not available in standard kit form.
 - 2 TG Series Input Gear: #03T35540 – Refer to kit program on pages 10 & 11.
 - 3 Possible exhaust interference.
 - 4 Use "3" arrangement PTO for direct mount pump clearance.
 - 5 Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.
 - 6 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
 ASO56-7A, ASO56-7B, ASO66-7A, ASO66-7B, ESO65-7A (301452), ESO66-7B (301643)								SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:	
								PTO DRIVE GEAR DATA:					34T 7.00P 17.5°PA 18° R.H.		LOCATION: Front PLMF: 1.411		PLV: 880 FPM RPM: 658
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO			
				HI	LO	REV					TORQUE	HP		
SINGLE GEAR														
SINGLE SPEED MULTI GEAR	TG6N-S7106-C3BX	1, 2, 3	Opp	47					Included	Cable	245	47		
	TG6N-S7107-C3BX	1, 2, 3	Opp	56					Included	Cable	230	44		
	TG6N-S7108-C3BX	1, 2, 3	Opp	68					Included	Cable	230	44		
	TG6N-S7109-C3BX	1, 2, 3	Opp	71					Included	Cable	205	39		
	TG6N-S7112-C3BH	1, 2, 3	Opp	87					Included	Cable	210	40		
	TG6N-S7113-C3BH	1, 2, 3	Opp	99					Included	Cable	210	40		
	TG6N-S7115-C3BH	1, 2, 3	Opp	112					Included	Cable	195	37		
	TG6N-S7118-C3BH	1, 2, 3	Opp	133					Included	Cable	175	33		
SH SERIES	SH6N-S7107-E3BX	3	Opp	53					Included	Elec/Air	400	76		
	SH6N-S7109-E3BX	3	Opp	66					Included	Elec/Air	375	71		
	SH6S-U6809-E3BX		Crnk	78			40TS7168		Included	Elec/Air	375	71		
	SH6S-U6812-E3BX		Crnk	103			40TS7168		Included	Elec/Air	325	62		
CLUTCH SHIFT	CS6N-S7107-E3BX	3	Opp	53					Included	Power	300	57		
	CS6N-S7109-E3BX	3	Opp	66					Included	Power	275	52		
	CS6S-U6809-E3BX		Crnk	78			40TS7168		Included	Power	275	52		
	CS6S-U6812-E3BX		Crnk	103			40TS7168		Included	Power	275	52		
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Crnk	49		49	40TS7168	23M60200S	20MK6602	Lever	200	38		
ADAPTER TO CHANGE ROTATION		4	40TS7168					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX						

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

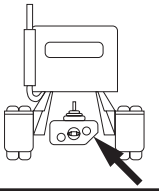



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

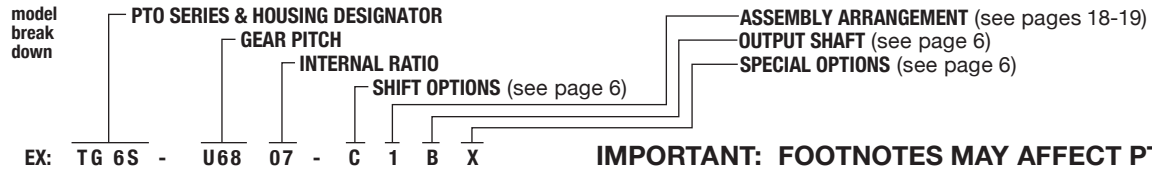
FOOTNOTES:

- 1 This PTO requires a Special Housing and is not available in standard kit form.
- 2 TG Series Input Gear: #03T35540 – Refer to kit program on pages 10 & 11.
- 3 Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount pumps may be mounted towards the front of the vehicle.
- 4 Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	AS125-9A, AS140-9A, LAS115-9A, LAS125-9A, LAS135-9A, LAS145-9A, LPS9-VPD, LPS125-9A, LPS140-9A, PS9-VPD, PS95-9A, PS125-9A (301431), PS140-9A							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			45T 6P 20°PA Spur			PLMF: 1.08						
			LOCATION: Rear			RPM: 615						
			PLV: 1207 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 3, 4	Opp	42				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 3, 4	Opp	54				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 3, 4	Opp	71				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 3, 4	Opp	84				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 3, 4	Opp	103				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 3, 4	Opp	107				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 3, 4	Opp	131				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 3, 4	Opp	150				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 3, 4	Opp	169				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 3, 4	Opp	200				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	2, 5	Opp	63		63	40TU68102	23M60200S+23M60032S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	See Footnote Below					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

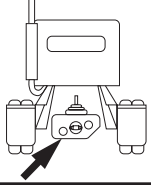



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

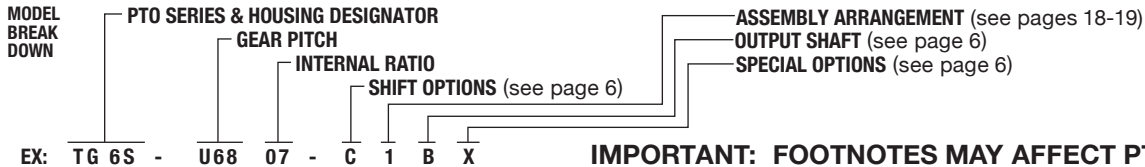
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL6D-U6803 with combined reduction gear box is not available in the "2" assembly.
- 3 Direct mount pumps will not clear bulge on right side unless adapter is used.
- 4 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 5 Do not use for continuous duty applications.
- 6 For continuous duty applications use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		AS125-9A, AS140-9A, LAS115-9A, LAS125-9A, LAS135-9A, LAS145-9A, LPS9-VPD, LPS125-9A, LPS140-9A, PS9-VPD, PS95-9A, PS125-9A (301431), PS140-9A						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur LOCATION: Front PLMF: .731/1.00 PLV: 1207 FPM RPM: 615				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 3	Opp	42				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 3	Opp	54				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 3	Opp	71				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 3	Opp	84				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 3	Opp	103				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 3	Opp	107				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 3	Opp	131				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 3	Opp	150				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 3	Opp	169				23M80032	Included	Cable	195	37
	TG8S-X6818-C3BH	1, 3	Opp	200				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	54					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	3	Opp	80					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	3	Opp	99					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	3	Opp	132					Included	Elec/Air	325	62
	SH8S-U6813-E3BX		Opp	153					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	54					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	64					Included	Power	300	57
	CS8S-U6807-E3BX	3	Opp	80					Included	Power	300	57
	CS8S-U6809-E3BX	3	Opp	99					Included	Power	275	52
	CS8S-U6812-E3BX	3	Opp	132					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	63		63		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L3CX		Opp	61					Included	Lever	450	85
	828S-U6809-L3CX		Opp	75					Included	Lever	410	78
	828S-U6810-L3CX		Opp	81					Included	Lever	410	78
	828S-U6812-L3CX		Opp	93					Included	Lever	375	71
	828S-U6813-L3CX		Opp	108					Included	Lever	375	71
	828S-U6815-L3CX		Opp	118				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	146				23M80248	Included	Lever	300	57
1 FWD. 1 REV.												

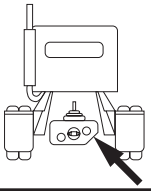



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

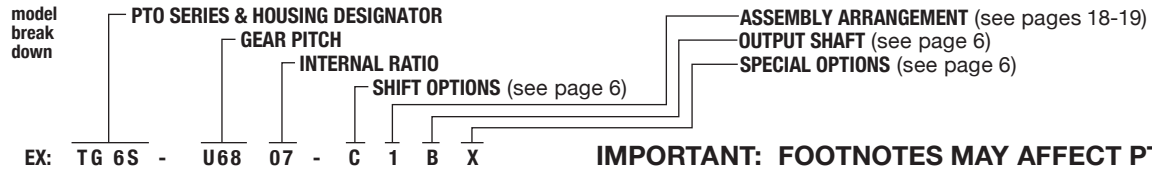
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG Series to U68 (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PS97-7A (301446), 9072A (301321)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 50T 6P 20°PA Spur LOCATION: Front PLMF: .910 PLV: 1309 FPM RPM: 424				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6805-C1BX	1, 4	Opp	42				23M60187S	20MK6603	Cable	270	51
	TG6S-X6806-C1BX	1, 4	Opp	54				23M60187S	20MK6603	Cable	245	47
	TG6S-X6807-C1BX	1, 4	Opp	64				23M60187S	20MK6603	Cable	230	44
	TG6S-X6808-C1BX	1, 4	Opp	79				23M60187S	20MK6603	Cable	230	44
	TG6S-X6809-C1BX	1, 4	Opp	82				23M60187S	20MK6603	Cable	205	39
	TG6S-X6812-C1BH	1, 4	Opp	101				23M60187S	20MK6603	Cable	210	40
	TG6S-X6813-C1BH	1, 4	Opp	115				23M60187S	20MK6603	Cable	210	40
	TG6S-X6815-C1BH	1, 4	Opp	129				23M60187S	20MK6603	Cable	195	37
	TG6S-X6818-C1BH	1, 4	Opp	153				23M60187S	20MK6603	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	41				23M60165S	20TK4433	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	61				23M60165S	20TK4433	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	76				23M60165S	20TK4433	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	101				23M60165S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	41				23M60165S	20TK4433	Power	300	57
	CS6S-U6807-E1BX	4	Opp	61				23M60165S	20TK4433	Power	300	57
	CS6S-U6809-E1BX	4	Opp	76				23M60165S	20TK4433	Power	275	52
	CS6S-U6812-E1BX	4	Opp	101				23M60165S	20TK4433	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	48		48		23M60350	20MK6604	Lever	200	38
ADAPTER TO CHANGE ROTATION		2, 3	40TU6810-1 + 23M60165S + 20MK6603				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

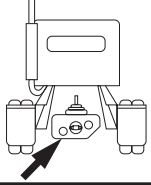



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series to TG6S-U68 input gear. Use standard stud kit and no spacer on PTO side. RL requires 23M60200S + 20MK6603 on PTO side of adapter.
- 3 Do not use for continuous duty applications.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6605.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PS97-7A (301446), 9072A (301321)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								50T 6P 20°PA Spur	PLMF: .755			
								LOCATION: Front	RPM: 424			
								PLV: 1309 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6805-C1BX	1, 3	Opp	42				23M80062	Included	Cable	270	51
	TG8S-X6806-C1BX	1, 3	Opp	54				23M80062	Included	Cable	245	47
	TG8S-X6807-C1BX	1, 3	Opp	64				23M80062	Included	Cable	230	44
	TG8S-X6808-C1BX	1, 3	Opp	79				23M80062	Included	Cable	230	44
	TG8S-X6809-C1BX	1, 3	Opp	82				23M80062	Included	Cable	205	39
	TG8S-X6812-C1BH	1, 3	Opp	101				23M80062	Included	Cable	210	40
	TG8S-X6813-C1BH	1, 3	Opp	115				23M80062	Included	Cable	210	40
	TG8S-X6815-C1BH	1, 3	Opp	129				23M80062	Included	Cable	195	37
	TG8S-X6818-C1BH	1, 3	Opp	153				23M80062	Included	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	41				23M80062	Included	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	61				23M80062	Included	Elec/Air	400	76
	SH8S-U6809-E1BX	3	Opp	76				23M80062	Included	Elec/Air	375	71
	SH8S-U6812-E1BX	3	Opp	101				23M80062	Included	Elec/Air	325	62
	SH8S-U6813-E1BX	3	Opp	117				23M80062	Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	41				23M80062	Included	Power	300	57
	CS8S-U6807-E1BX	3	Opp	61				23M80062	Included	Power	300	57
	CS8S-U6809-E1BX	3	Opp	76				23M80062	Included	Power	275	52
	CS8S-U6812-E1BX	3	Opp	101				23M80062	Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	48		48		23M80062	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6808-L1CX		Opp	47				23M80062	Included	Lever	450	85
	828S-U6809-L1CX		Opp	57				23M80062	Included	Lever	410	78
	828S-U6810-L1CX		Opp	62				23M80062	Included	Lever	410	78
	828S-U6812-L1CX		Opp	71				23M80062	Included	Lever	375	71
	828S-U6813-L1CX		Opp	83				23M80062	Included	Lever	375	71
	828S-U6815-L1CX		Opp	90				23M80190	20MK8817	Lever	350	67
	828S-U6819-L1CX		Opp	112				23M80295	20MK8817	Lever	300	57
1 FWD. 1 REV.												

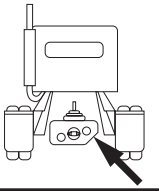



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

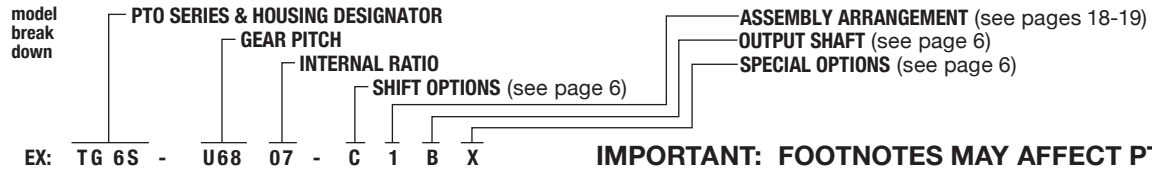
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and change stud kit to 20MK8815.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)							RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)					
	LLASO125-10S, LLASO140-10S, LLASO150-10S, LLPSO100-10S, LLPSO125-10S, LLPSO140-10S, LLPSO150-10S, LLPSO165-10S, LPSO10-VPD, LPSO100-10S, LPSO125-10S, LPSO140-10S, LPSO1550-10S, LPSO165-10S, PSO10-VPD, PSO100-10S, PSO125-10S, PSO140-10S, PSO150-9S, PSO150-10S, PSO160-10S, PPSO165-10S						SAE 6-BOLT OPENING					
							PTO DRIVE GEAR DATA:					
							45T 6P 20°PA Spur LOCATION: Rear PLV: 1669 FPM			PLMF: 1.080 RPM: 850		
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 4	Opp	57				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 4	Opp	77				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 4	Opp	97				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 4	Opp	115				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 4	Opp	141				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 4	Opp	147				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 4	Opp	181				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 4	Opp	206				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 4	Opp	232				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 4	Opp	274				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	2, 5	Opp	84		84	40TU6810-2	23M60200S+23M60032S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	See Footnote 3				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

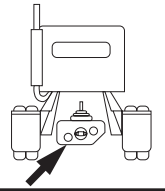

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 RL6D-U6803 with combined reduction gear box is not available in the "2" assembly.
 - 3 Use 40TU6855-2 or 40TU6800 +23M62000 + 20MK6631 and change the input gear to U68.
 - 4 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	LLASO125-10S, LLASO140-10S, LLASO150-10S, LLPSO100-10S, LLPSO125-10S, LLPSO140-10S, LLPSO150-10S, LLPSO165-10S, LPSO10-VPD, LPSO100-10S, LPSO125-10S, LPSO140-10S, LPSO1550-10S, LPSO165-10S, PSO10-VPD, PSO100-10S, PSO125-10S, PSO140-10S, PSO150-9S, PSO150-10S, PSO160-10S, PPSO165-10S							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur LOCATION: Front PLMF: .731/1.00 PLV: 1669 FPM RPM: 850				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 5	Opp	57				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 5	Opp	77				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 5	Opp	97				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 5	Opp	115				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 5	Opp	141				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 5	Opp	147				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 5	Opp	181				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 5	Opp	206				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 5	Opp	232				23M80032	Included	Cable	195	37
	TG8S-X6818-C3BH	1, 5	Opp	274				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	75					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	5	Opp	111					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	5	Opp	138					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	5	Opp	183					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	5	Opp	212					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	75					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	89					Included	Power	300	57
	CS8S-U6807-E3BX	5	Opp	111					Included	Power	300	57
	CS8S-U6809-E3BX	5	Opp	138					Included	Power	275	52
	CS8S-U6812-E3BX	5	Opp	183					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 6	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	6	Opp	84		84		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	55					Included	Lever	500	95
	828S-U6808-L3CX		Opp	84					Included	Lever	450	85
	828S-U6809-L3CX		Opp	104					Included	Lever	410	78
	828S-U6810-L3CX		Opp	112					Included	Lever	410	78
	828S-U6812-L3CX		Opp	129					Included	Lever	375	71
	828S-U6813-L3CX		Opp	150					Included	Lever	375	71
	828S-U6815-L3CX		Opp	163				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	202				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

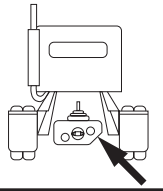



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

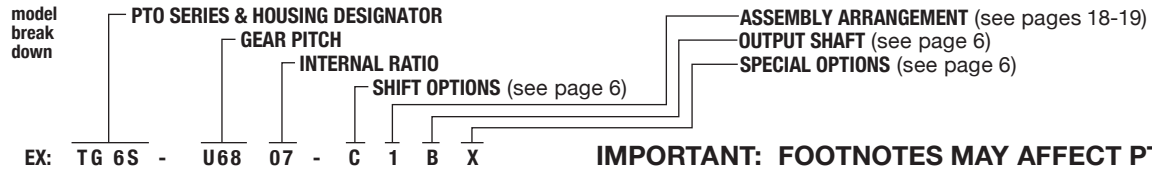
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 83 Series PTOs interfere with spring hanger on vehicles with set back front axles.
- 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PS105-7LL (301464), PS130-5A (301470), PS130-6L (301465), 1052A (301091), 1054A (301092), 1352A (301235), T9505-2A (301408), T9505-2B (301425)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 43T 6P 20°PA Spur LOCATION: Front PLV: 938 FPM					PLMF: 1.638 RPM: 500
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U6805-C1BX	1, 3	Crnk	42			40TU6800	23M61000+23M60450	20MK6627	Cable	270	51
	TG6S-U6806-C1BX	1, 3	Crnk	55			40TU6800	23M61000+23M60450	20MK6627	Cable	245	47
	TG6S-U6807-C1BX	1, 3	Crnk	65			40TU6800	23M61000+23M60450	20MK6627	Cable	230	44
	TG6S-U6808-C1BX	1, 3	Crnk	80			40TU6800	23M61000+23M60450	20MK6627	Cable	230	44
	TG6S-U6809-C1BX	1, 3	Crnk	83			40TU6800	23M61000+23M60450	20MK6627	Cable	205	39
	TG6S-U6812-C1BH	1, 3	Crnk	102			40TU6800	23M61000+23M60450	20MK6627	Cable	210	40
	TG6S-U6813-C1BH	1, 3	Crnk	116			40TU6800	23M61000+23M60450	20MK6627	Cable	210	40
	TG6S-U6815-C1BH	1, 3	Crnk	131			40TU6800	23M61000+23M60450	20MK6627	Cable	195	37
	TG6S-U6818-C1BH	1, 3	Crnk	155			40TU6800	23M61000+23M60450	20MK6627	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	3	Crnk	62			40TU6800	23M61000+23M60450	20MK6627	Elec/Air	400	76
	SH6S-U6809-E1BX	3	Crnk	77			40TU6800	23M61000+23M60450	20MK6627	Elec/Air	375	71
	SH6S-U6812-E1BX	3	Crnk	103			40TU6800	23M61000+23M60450	20MK6627	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	3	Crnk	62			40TU6800	23M61000+23M60450	20MK6627	Power	300	57
	CS6S-U6809-E1BX	3	Crnk	77			40TU6800	23M61000+23M60450	20MK6627	Power	275	52
	CS6S-U6812-E1BX	3	Crnk	103			40TU6800	23M61000+23M60450	20MK6627	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	2, 4	Crnk	49		49	40TU6800	23M61000+23M60450	20MK6627	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


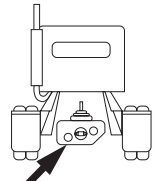


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 2 Also requires 23M60200S spacer. Not supplied with PTO.
- 3 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6629.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	TREMEC TRANSMISSION (SPICER) PS105-7LL (301464), PS130-5A (301470), PS130-6L (301465), 1052A (301091), 1054A (301092), 1352A (301235), T9505-2A (301408), T9505-2B (301425)	BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)	
		SAE 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 45T 6P 20°PA Spur LOCATION: Front PLMF: 1.483 PLV: 938 FPM RPM: 500	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

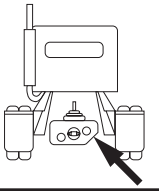



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

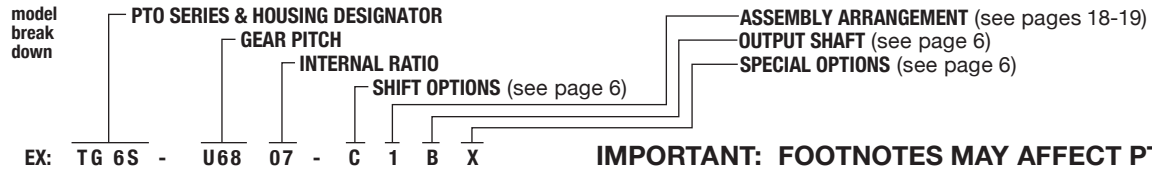
FOOTNOTES:

1 PTO's are not available on this application due to non-standard mounting depth. 6-bolt adapters are not approved on bottom openings.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PS110-7A, PS140-7A (301444), PS145-7A, 1107-2A (301201), 1372A (301271, 301398), 1374A (301272)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								43T 5P 20°PA Spur	PLMF: .990			
								LOCATION: Front	RPM: 420			
								PLV: 948 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U5705-C1BM	1, 2	Opp	42					Included	Cable	270	51
	TG6S-U5706-C1BM	1, 2	Opp	55					Included	Cable	245	47
	TG6S-U5707-C1BM	1, 2	Opp	65					Included	Cable	230	44
	TG6S-U5708-C1BM	1, 2	Opp	80					Included	Cable	230	44
	TG6S-U5709-C1BM	1, 2	Opp	83					Included	Cable	205	39
	TG6S-U5712-C1BQ	1, 2	Opp	102					Included	Cable	210	40
	TG6S-U5713-C1BQ	1, 2	Opp	116					Included	Cable	210	40
	TG6S-U5715-C1BQ	1, 2	Opp	131					Included	Cable	195	37
	TG6S-U5718-C1BQ	1, 2	Opp	155					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U5705-L3BX	3	Opp	50		50		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

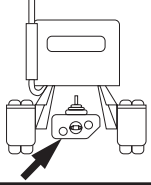



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PS110-7A, PS140-7A (301444), PS145-7A, 1107-2A (301201), 1372A (301271, 301398), 1374A (301272)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								43T 5P 20°PA Spur	PLMF: .990			
								LOCATION: Front	RPM: 420			
								PLV: 948 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U5705-C1BM	1, 2	Opp	42					Included	Cable	270	51
	TG6S-U5706-C1BM	1, 2	Opp	55					Included	Cable	245	47
	TG6S-U5707-C1BM	1, 2	Opp	65					Included	Cable	230	44
	TG6S-U5708-C1BM	1, 2	Opp	80					Included	Cable	230	44
	TG6S-U5709-C1BM	1, 2	Opp	83					Included	Cable	205	39
	TG6S-U5712-C1BQ	1, 2	Opp	102					Included	Cable	210	40
	TG6S-U5713-C1BQ	1, 2	Opp	116					Included	Cable	210	40
	TG6S-U5715-C1BQ	1, 2	Opp	131					Included	Cable	195	37
	TG6S-U5718-C1BQ	1, 2	Opp	155					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U5705-L3BX	3	Opp	50		50		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

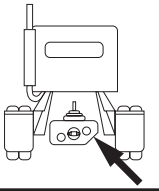



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

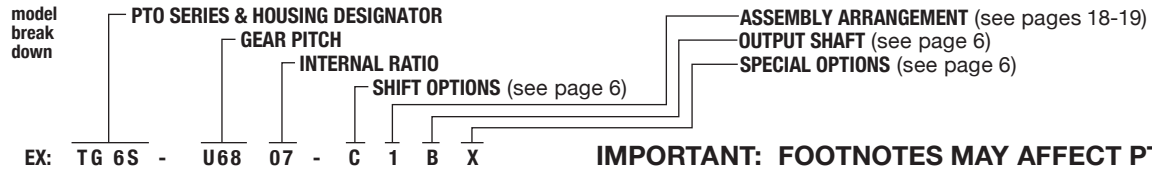
FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PS110-7B, PS125-7B (301445), 1372B (301325, 301405)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 56T 6P 20°PA Spur LOCATION: Front PLMF: .668 PLV: 850 FPM RPM: 348				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6806-C1BM	1, 2, 5	Opp	50				23M60350	20MK6604	Cable	245	47
	TG6S-X6807-C1BM	1, 2, 5	Opp	59				23M60350	20MK6604	Cable	230	44
	TG6S-X6808-C1BM	1, 2, 5	Opp	72				23M60350	20MK6604	Cable	230	44
	TG6S-X6809-C1BM	1, 2, 5	Opp	75				23M60350	20MK6604	Cable	205	39
	TG6S-X6812-C1BQ	1, 2, 5	Opp	92				23M60350	20MK6604	Cable	210	40
	TG6S-X6813-C1BQ	1, 2, 5	Opp	105				23M60350	20MK6604	Cable	210	40
	TG6S-X6815-C1BQ	1, 2, 5	Opp	118				23M60350	20MK6604	Cable	195	37
	TG6S-X6818-C1BQ	1, 2, 5	Opp	140				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	5	Opp	56				23M60350	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	5	Opp	70				23M60350	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	5	Opp	93				23M60350	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	5	Opp	56				23M60350	20TK4434	Power	300	57
	CS6S-U6809-E1BX	5	Opp	70				23M60350	20TK4434	Power	275	52
	CS6S-U6812-E1BX	5	Opp	93				23M60350	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	4	Opp	44		44		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6830-1 + 23M60350 + 20MK0115					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

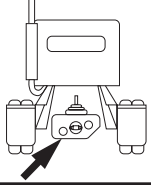

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
 - 3 Change TG Series to TG6S-U68 input gear. Use standard stud kit. 23M60200S + 20MK6603 required for RL on PTO side of adapter.
 - 4 Do not use for continuous duty applications.
 - 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PS110-7B, PS125-7B (301445), 1372B (301325, 301405)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								56T 6P 20°PA Spur LOCATION: Front PLMF: .668 PLV: 850 FPM RPM: 348				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6806-C1BM	1, 2, 5	Opp	50				23M60350	20MK6604	Cable	245	47
	TG6S-X6807-C1BM	1, 2, 5	Opp	59				23M60350	20MK6604	Cable	230	44
	TG6S-X6808-C1BM	1, 2, 5	Opp	72				23M60350	20MK6604	Cable	230	44
	TG6S-X6809-C1BM	1, 2, 5	Opp	75				23M60350	20MK6604	Cable	205	39
	TG6S-X6812-C1BQ	1, 2, 5	Opp	92				23M60350	20MK6604	Cable	210	40
	TG6S-X6813-C1BQ	1, 2, 5	Opp	105				23M60350	20MK6604	Cable	210	40
	TG6S-X6815-C1BQ	1, 2, 5	Opp	118				23M60350	20MK6604	Cable	195	37
	TG6S-X6818-C1BQ	1, 2, 5	Opp	140				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	5	Opp	56				23M60350	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	5	Opp	70				23M60350	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	5	Opp	93				23M60350	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	5	Opp	56				23M60350	20TK4434	Power	300	57
	CS6S-U6809-E1BX	5	Opp	70				23M60350	20TK4434	Power	275	52
	CS6S-U6812-E1BX	5	Opp	93				23M60350	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	4	Opp	44		44		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

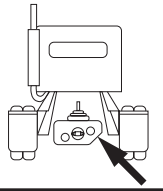



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

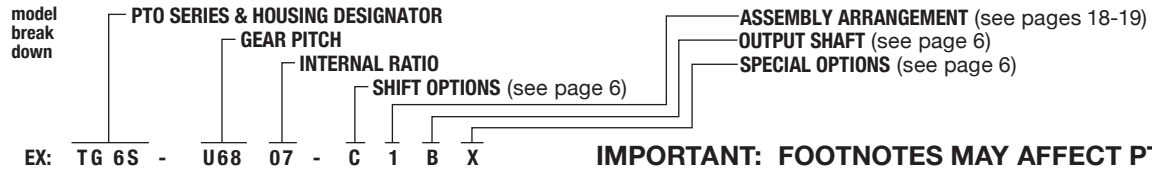
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 Change TG Series to U68. Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Do not use for continuous duty applications.
- 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSO120-8LL, 1007-3A (301121, 301208), 1207-3A (301199), 1263B (301109)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 54T 6P 20°PA Spur LOCATION: Front PLMF: .721 PLV: 1346 FPM RPM: 571				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	1, 2, 4	Opp	46				23M60450	20MK6605	Cable	285	54
	TG6S-X6805-C1BX	1, 2, 4	Opp	60				23M60450	20MK6605	Cable	270	51
	TG6S-X6806-C1BX	1, 2, 4	Opp	78				23M60450	20MK6605	Cable	245	47
	TG6S-X6807-C1BX	1, 2, 4	Opp	93				23M60450	20MK6605	Cable	230	44
	TG6S-X6808-C1BX	1, 2, 4	Opp	113				23M60450	20MK6605	Cable	230	44
	TG6S-X6809-C1BX	1, 2, 4	Opp	118				23M60450	20MK6605	Cable	205	39
	TG6S-X6812-C1BH	1, 2, 4	Opp	145				23M60450	20MK6605	Cable	210	40
	TG6S-X6813-C1BH	1, 2, 4	Opp	165				23M60450	20MK6605	Cable	210	40
	TG6S-X6815-C1BH	1, 2, 4	Opp	186				23M60450	20MK6605	Cable	195	37
	TG6S-X6818-C1BH	1, 2, 4	Opp	220				23M60450	20MK6605	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	60				23M60450	20TK4435	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	89				23M60450	20TK4435	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	111				23M60450	20TK4435	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	147				23M60450	20TK4435	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	60				23M60450	20TK4435	Power	300	57
	CS6S-U6806-E1BX		Opp	71				23M60450	20TK4435	Power	300	57
	CS6S-U6807-E1BX	4	Opp	89				23M60450	20TK4435	Power	300	57
	CS6S-U6809-E1BX	4	Opp	111				23M60450	20TK4435	Power	275	52
	CS6S-U6812-E1BX	4	Opp	147				23M60450	20TK4435	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	1, 3	Opp	70		70		23M60500+23M60062S	20MK6607	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

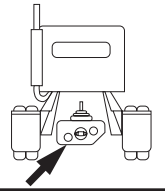

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Interference of exhaust on 1984 Peterbilt.
 - 2 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 3 Do not use for continuous duty applications.
 - 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6607.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 PSO120-8LL, 1007-3A (301121, 301208), 1207-3A (301199), 1263B (301109)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6P 20°PA Spur	PLMF: .566			
								LOCATION: Front	RPM: 571			
								PLV: 1346 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 3	Opp	46				23M80165+23M80190	20MK8817	Cable	285	54
	TG8S-X6805-C1BX	1, 3	Opp	60				23M80165+23M80190	20MK8817	Cable	270	51
	TG8S-X6806-C1BX	1, 3	Opp	78				23M80165+23M80190	20MK8817	Cable	245	47
	TG8S-X6807-C1BX	1, 3	Opp	93				23M80165+23M80190	20MK8817	Cable	230	44
	TG8S-X6808-C1BX	1, 3	Opp	113				23M80165+23M80190	20MK8817	Cable	230	44
	TG8S-X6809-C1BX	1, 3	Opp	118				23M80165+23M80190	20MK8817	Cable	205	39
	TG8S-X6812-C1BH	1, 3	Opp	145				23M80165+23M80190	20MK8817	Cable	210	40
	TG8S-X6813-C1BH	1, 3	Opp	165				23M80165+23M80190	20MK8817	Cable	210	40
	TG8S-X6815-C1BH	1, 3	Opp	186				23M80165+23M80190	20MK8817	Cable	195	37
	TG8S-X6818-C1BH	1, 3	Opp	220				23M80165+23M80190	20MK8817	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	60				23M80248	20MK8817	Elec/Air	400	76
	SH8S-U6807-E1BX	3	Opp	89				23M80248	20MK8817	Elec/Air	400	76
	SH8S-U6809-E1BX	3	Opp	111				23M80248	20MK8817	Elec/Air	375	71
	SH8S-U6812-E1BX	3	Opp	147				23M80248	20MK8817	Elec/Air	325	62
	SH8S-U6813-E1BX	3	Opp	171				23M80248	20MK8817	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	60				23M80248	20MK8817	Power	300	57
	CS8S-U6806-E1BX		Opp	71				23M80248	20MK8817	Power	300	57
	CS8S-U6807-E1BX	3	Opp	89				23M80248	20MK8817	Power	300	57
	CS8S-U6809-E1BX	3	Opp	111				23M80248	20MK8817	Power	275	52
	CS8S-U6812-E1BX	3	Opp	147				23M80248	20MK8817	Power	275	52
1 FWD. 1 REV.	RL8S-U6805-L3BX	4	Opp	70		70		23M80295	20MK8817	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886 + 23M80500 + 23M80295 + 20MK8807					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	43				23M80248	20MK8817	Lever	500	95
	828S-U6808-L1CX		Opp	68				23M80248	20MK8817	Lever	450	85
	828S-U6809-L1CX		Opp	84				23M80248	20MK8817	Lever	410	78
	828S-U6810-L1CX		Opp	91				23M80248	20MK8817	Lever	410	78
	828S-U6812-L1CX		Opp	104				23M80248	20MK8817	Lever	375	71
	828S-U6813-L1CX		Opp	121				23M80248	20MK8817	Lever	375	71
	828S-U6815-L1CX		Opp	132				23M80375	20MK8817	Lever	350	67
	828S-U6819-L1CX		Opp	162				23M80500	20MK8816	Lever	300	57
	1 FWD. 1 REV.											

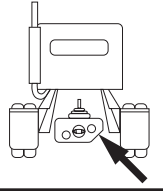



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

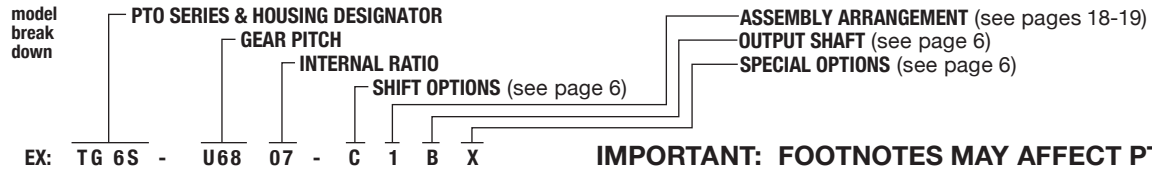
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and change stud kit to 20MK8816.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		ASO135-9A, ASO140-9A, ASO145-9A, ASO150-9A, LASO115-9A, LASO125-9A, LASO135-9A, LASO140-9A, LASO145-9A, LASO150-9A, LPSO9-VPD, LPSO125-9A, LPSO140-9A, LPSO150-9A, PSO9-VPD, PSO125-9A, PSO140-9A (301432), PSO150-9A (301496)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur LOCATION: Rear PLV: 1621 FPM			PLMF: 1.08 RPM: 826	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 3, 6	Opp	56				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 3, 6	Opp	73				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 3, 6	Opp	95				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 3, 6	Opp	112				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 3, 6	Opp	137				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 3, 6	Opp	143				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 3, 6	Opp	176				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 3, 6	Opp	200				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 3, 6	Opp	225				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 3, 6	Opp	267				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	2, 4	Opp	84		84	40TU6810-2	23M60200S+23M60032S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	See Footnotes Below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

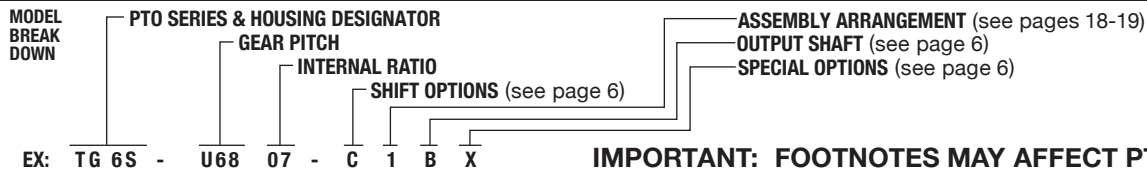
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL6D-U6803 with combined reduction gear box is not available in the "2" assembly.
- 3 Direct mount pumps will not clear bulge on right side unless adapter is used.
- 4 Do not use for continuous duty applications.
- 5 Use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
- 6 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		ASO135-9A, ASO140-9A, ASO145-9A, ASO150-9A, LASO115-9A, LASO125-9A, LASO135-9A, LASO140-9A, LASO145-9A, LASO150-9A, LPSO9-VPD, LPSO125-9A, LPSO140-9A, LPSO150-9A, PSO9-VPD, PSO125-9A, PSO140-9A (301432), PSO150-9A (301496)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur	PLMF: .731/1.00			
								LOCATION: Front	RPM: 826			
								PLV: 1621 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 4	Opp	56				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 4	Opp	73				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 4	Opp	95				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 4	Opp	112				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 4	Opp	137				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 4	Opp	143				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 4	Opp	176				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 4	Opp	200				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 4	Opp	225				23M80032	Included	Cable	195	37
	TG8S-X6818-C3BH	1, 4	Opp	267				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	73					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Opp	107					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Opp	134					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	4	Opp	178					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	4	Opp	206					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	73					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	86					Included	Power	300	57
	CS8S-U6807-E3BX	4	Opp	107					Included	Power	300	57
	CS8S-U6809-E3BX	4	Opp	134					Included	Power	275	52
	CS8S-U6812-E3BX	4	Opp	178					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	84		84		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	52					Included	Lever	500	95
	828S-U6808-L3CX		Opp	82					Included	Lever	450	85
	828S-U6809-L3CX		Opp	101					Included	Lever	410	78
	828S-U6810-L3CX		Opp	109					Included	Lever	410	78
	828S-U6812-L3CX		Opp	126					Included	Lever	375	71
	828S-U6813-L3CX		Opp	146					Included	Lever	375	71
	828S-U6815-L3CX		Opp	159				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	196				23M80248	20MK8817	Lever	300	57
	1 FWD. 1 REV.											

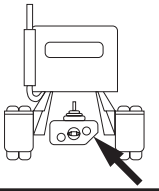



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

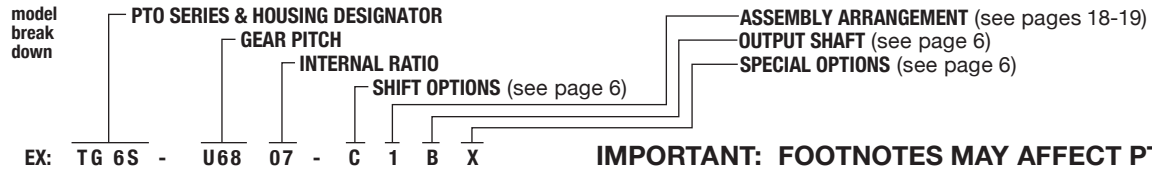
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapte. Change TG to U68, spacer listed is not used with adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	PS130-6B (301471), 1007-2B (301118, 301207), 1062C (301133), 1064C (301136), 1207-2B (301196), 1207-2D (301240), 1272A (301140, 301215), 1274A (301141, 301216), 1362B (301171), 1362C (301178), 1362D (301180), 1364C (301179)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 6P 20°PA Spur LOCATION: Front PLV: 1008 FPM			PLMF: 1.221 RPM: 481	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6805-C1BX	1	Opp	42					Included	Cable	270	51
	TG6D-S6806-C1BX	1	Opp	54					Included	Cable	245	47
	TG6D-S6807-C1BX	1	Opp	64					Included	Cable	230	44
	TG6D-S6808-C1BX	1	Opp	78					Included	Cable	230	44
	TG6D-S6809-C1BX	1	Opp	81					Included	Cable	205	39
	TG6D-S6812-C1BH	1	Opp	99					Included	Cable	210	40
	TG6D-S6813-C1BH	1	Opp	113					Included	Cable	210	40
	TG6D-S6815-C1BH	1	Opp	128					Included	Cable	195	37
TG6D-S6818-C1BH	1	Opp	151					Included	Cable	175	33	
SH SERIES	SH6D-S6807-E1BX		Opp	61					Included	Elec/Air	400	76
	SH6D-S6809-E1BX		Opp	76					Included	Elec/Air	375	71
	SH6D-S6812-E1BX		Opp	102					Included	Elec/Air	325	62
CLUTCH SHIFT	CS6D-S6807-E1BX		Opp	61					Included	Power	300	57
	CS6D-S6809-E1BX		Opp	76					Included	Power	275	52
	CS6D-S6812-E1BX		Opp	102					Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	52		52		23M60062S	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6800 + 23M61500 + 23M60300 + 20MK6629					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

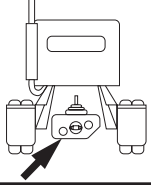



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series and SH Series to U68 input gear. 23M60200S + 20MK6603 required for RL on PTO side of adapter.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	PS130-6B (301471), 1007-2B (301118, 301207), 1062C (301133), 1064C (301136), 1207-2B (301196), 1207-2D (301240), 1272A (301140, 301215), 1274A (301141, 301216), 1362B (301171), 1362C (301178), 1362D (301180), 1364C (301179)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								48T 6P 20°PA Spur	PLMF: 1.066			
								LOCATION: Front	RPM: 481			
								PLV: 1008 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8M-S6805-C1BX	1, 2	Opp	42					Included	Cable	270	51
	TG8M-S6806-C1BX	1, 2	Opp	54					Included	Cable	245	47
	TG8M-S6807-C1BX	1, 2	Opp	64					Included	Cable	230	44
	TG8M-S6808-C1BX	1, 2	Opp	85					Included	Cable	230	44
	TG6S-U6809-C1BX	3, 4, 6	Crnk	89			40TU6886-1	23M80248	20MK8814	Cable	205	39
	TG6S-U6812-C1BH	3, 4, 6	Crnk	109			40TU6886-1	23M80248	20MK8814	Cable	210	40
	TG6S-U6813-C1BH	3, 4, 6	Crnk	124			40TU6886-1	23M80248	20MK8814	Cable	210	40
	TG6S-U6815-C1BH	3, 4, 6	Crnk	140			40TU6886-1	23M80248	20MK8814	Cable	195	37
	TG6S-U6818-C1BH	3, 4, 6	Crnk	165			40TU6886-1	23M80248	20MK8814	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	6	Crnk	63			40TU6886-1	23M80248	20MK8814	Elec/Air	400	76
	SH6S-U6809-E1BX	6	Crnk	79			40TU6886-1	23M80248	20MK8814	Elec/Air	375	71
	SH6S-U6812-E1BX	6	Crnk	106			40TU6886-1	23M80248	20MK8814	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	6	Crnk	63			40TU6886-1	23M80248	20MK8814	Power	300	57
	CS6S-U6809-E1BX	6	Crnk	79			40TU6886-1	23M80248	20MK8814	Power	275	52
	CS6S-U6812-E1BX	6	Crnk	106			40TU6886-1	23M80248	20MK8814	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		5	40TU6886-1 + 23M80248 + 20MK8814					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

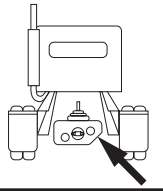



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

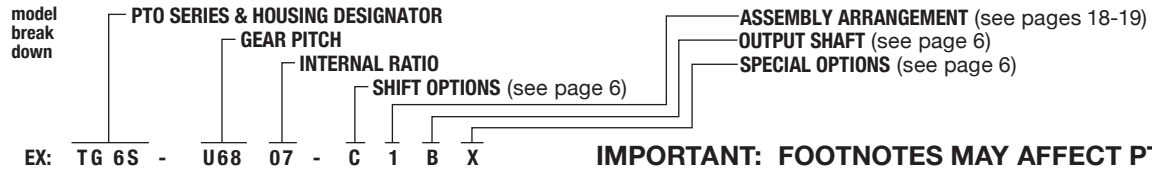
FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 TG Series 8M housing #01T35032. Not part of TG Kit program
- 3 TG Series Input Gear: #03T34284 — Refer to kit program on pages 10 & 11.
- 4 Adapter is required to clear internal gear interference.
- 5 Change TG8M to TG6S-U68.
- 6 Optional: U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	PSO140-6A (301472), PSO140-6C (301486), PSO150-16A², 1263A (301107), 1265A (301108), 1463A (301175), 1463C, TSPO155-16A²							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6P 20°PA Spur	PLMF: .721			
								LOCATION: Front	RPM: 571			
								PLV: 1346 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	1, 4	Opp	46				23M60300+23M60032S	20MK6604	Cable	285	54
	TG6S-X6805-C1BX	1, 4	Opp	60				23M60300+23M60032S	20MK6604	Cable	270	51
	TG6S-X6806-C1BX	1, 4	Opp	79				23M60300+23M60032S	20MK6604	Cable	245	47
	TG6S-X6807-C1BX	1, 4	Opp	93				23M60300+23M60032S	20MK6604	Cable	230	44
	TG6S-X6808-C1BX	1, 4	Opp	114				23M60300+23M60032S	20MK6604	Cable	230	44
	TG6S-X6809-C1BX	1, 4	Opp	119				23M60300+23M60032S	20MK6604	Cable	205	39
	TG6S-X6812-C1BH	1, 4	Opp	146				23M60300+23M60032S	20MK6604	Cable	210	40
	TG6S-X6813-C1BH	1, 4	Opp	166				23M60300+23M60032S	20MK6604	Cable	210	40
	TG6S-X6815-C1BH	1, 4	Opp	188				23M60300+23M60032S	20MK6604	Cable	195	37
	TG6S-X6818-C1BH	1, 4	Opp	222				23M60300+23M60032S	20MK6604	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	60				23M60300	20TK4434	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	89				23M60300	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	111				23M60300	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	147				23M60300	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	60				23M60300	20TK4434	Power	300	57
	CS6S-U6806-E1BX		Opp	71				23M60300	20TK4434	Power	300	57
	CS6S-U6807-E1BX	4	Opp	89				23M60300	20TK4434	Power	300	57
	CS6S-U6809-E1BX	4	Opp	111				23M60300	20TK4434	Power	275	52
	CS6S-U6812-E1BX	4	Opp	147				23M60300	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	70		70		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown in high range. For low range multiply by .84.
- 3 Do not use for continuous duty applications.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 PSO140-6A (301472), PSO140-6C (301486), PSO150-16A³, 1263A (301107), 1265A (301108), 1463A (301175), 1463C, TSPO155-16A³								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6P 20°PA Spur	PLMF: .566			
								LOCATION: Front	RPM: 571			
								PLV: 1346 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 4	Opp	46				23M80190	20MK8808	Cable	285	54
	TG8S-X6805-C1BX	1, 4	Opp	60				23M80190	20MK8808	Cable	270	51
	TG8S-X6806-C1BX	1, 4	Opp	79				23M80190	20MK8808	Cable	245	47
	TG8S-X6807-C1BX	1, 4	Opp	93				23M80190	20MK8808	Cable	230	44
	TG8S-X6808-C1BX	1, 4	Opp	114				23M80190	20MK8808	Cable	230	44
	TG8S-X6809-C1BX	1, 4	Opp	119				23M80190	20MK8808	Cable	205	39
	TG8S-X6812-C1BH	1, 4	Opp	146				23M80190	20MK8808	Cable	210	40
	TG8S-X6813-C1BH	1, 4	Opp	166				23M80190	20MK8808	Cable	210	40
	TG8S-X6815-C1BH	1, 4	Opp	188				23M80190	20MK8808	Cable	195	37
	TG8S-X6818-C1BH	1, 4	Opp	222				23M80190	23MK8808	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	60				23M80165	20MK8808	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	89				23M80165	20MK8808	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	111				23M80165	20MK8808	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	147				23M80165	20MK8808	Elec/Air	325	62
	SH8S-U6813-E1BX	4	Opp	171				23M80165	20MK8808	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	60				23M80165	20MK8808	Power	300	57
	CS8S-U6806-E1BX		Opp	71				23M80165	20MK8808	Power	300	57
	CS8S-U6807-E1BX	4	Opp	89				23M80165	20MK8808	Power	300	57
	CS8S-U6809-E1BX	4	Opp	111				23M80165	20MK8808	Power	275	52
	CS8S-U6812-E1BX	4	Opp	147				23M80165	20MK8808	Power	275	52
1 FWD. 1 REV.	RL8S-U6805-L3BX	5	Opp	70		70		23M80248	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80190 + 20MK8814					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	43				23M80190	20MK8817	Lever	500	95
	828S-U6808-L1CX		Opp	68				23M80190	20MK8817	Lever	450	85
	828S-U6809-L1CX		Opp	84				23M80190	20MK8817	Lever	410	78
	828S-U6810-L1CX		Opp	91				23M80190	20MK8817	Lever	410	78
	828S-U6812-L1CX		Opp	104				23M80190	20MK8817	Lever	375	71
	828S-U6813-L1CX		Opp	121				23M80190	20MK8817	Lever	375	71
	828S-U6815-L1CX		Opp	132				23M80295	20MK8817	Lever	350	67
	828S-U6819-L1CX		Opp	162				23M80190+23M80248	20MK8814	Lever	300	57
	1 FWD. 1 REV.											

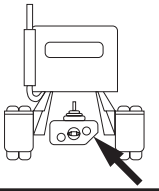



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

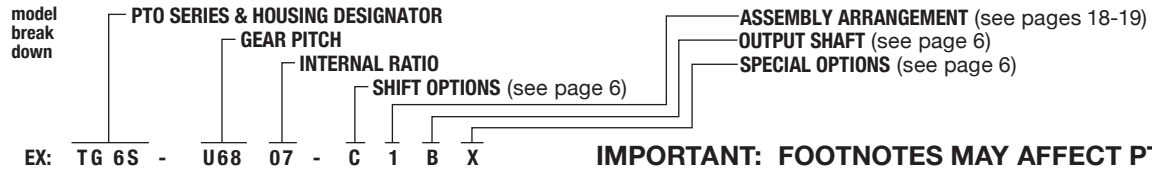
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively).
Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter. TG changed to U68 does not require spacer when used with adapter.
- 3 Speeds shown in high range. For low range multiply by .84.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown.
Add spacer 23M80190 and change stud kit to 20MK8817.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	PSO140-12B (301473), PSO140-14A (301483), PSO85-10LL, PSO85-14-4L, 1010-3A (301113), 1010-5A (301114), 1410-3A (301163), 1412-3A (301227), 1414-3A (301243), 301290), 1420-3A (301232, 301239), 1420-3B (301332) Footnote (1)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	2, 4	Opp	51				23M60350	20MK6604	Cable	285	54
	TG6S-X6805-C1BX	2, 4	Opp	66				23M60350	20MK6604	Cable	270	51
	TG6S-X6806-C1BX	2, 4	Opp	86				23M60350	20MK6604	Cable	245	47
	TG6S-X6807-C1BX	2, 4	Opp	102				23M60350	20MK6604	Cable	230	44
	TG6S-X6808-C1BX	2, 4	Opp	125				23M60350	20MK6604	Cable	230	44
	TG6S-X6809-C1BX	2, 4	Opp	130				23M60350	20MK6604	Cable	205	39
	TG6S-X6812-C1BH	2, 4	Opp	160				23M60350	20MK6604	Cable	210	40
	TG6S-X6813-C1BH	2, 4	Opp	181				23M60350	20MK6604	Cable	210	40
	TG6S-X6815-C1BH	2, 4	Opp	205				23M60350	20MK6604	Cable	195	37
	TG6S-X6818-C1BH	2, 4	Opp	243				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	66				23M60300	20TK4434	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	98				23M60300	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	121				23M60300	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	161				23M60300	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	66				23M60300	20TK4434	Power	300	57
	CS6S-U6806-E1BX		Opp	78				23M60300	20TK4434	Power	300	57
	CS6S-U6807-E1BX	4	Opp	98				23M60300	20TK4434	Power	300	57
	CS6S-U6809-E1BX	4	Opp	121				23M60300	20TK4434	Power	275	52
	CS6S-U6812-E1BX	4	Opp	161				23M60300	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	77		77		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

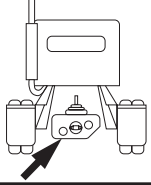



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

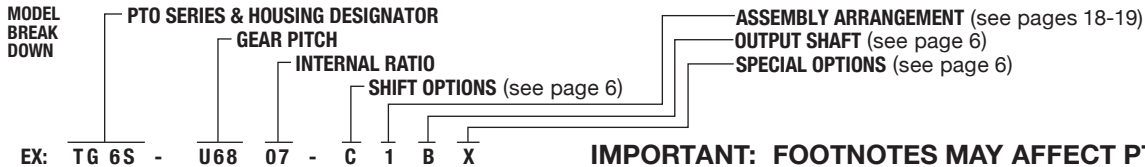
FOOTNOTES:

- 1 Speeds shown in high range, for low multiply by .77.
- 2 TG Series Input Gear: #03T96773 – Refer to kit program on pages 10 & 11.
- 3 Do not use for continuous duty applications.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	PSO140-12B (301473), PSO140-14A (301483), PSO85-10LL, PSO85-14-4L, 1010-3A (301113), 1010-5A (301114), 1410-3A (301163), 1412-3A (301227), 1414-3A (301243, 301290), 1420-3A (301232, 301239), 1420-3B (301332) Footnote (1)							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								54T 6P 20°PA Spur	PLMF: .566			
								LOCATION: Front	RPM: 625			
								PLV: 1472 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	2, 4	Opp	51				23M80248	20MK8815	Cable	285	54
	TG8S-X6805-C1BX	2, 4	Opp	66				23M80248	20MK8815	Cable	270	51
	TG8S-X6806-C1BX	2, 4	Opp	86				23M80248	20MK8815	Cable	245	47
	TG8S-X6807-C1BX	2, 4	Opp	102				23M80248	20MK8815	Cable	230	44
	TG8S-X6808-C1BX	2, 4	Opp	125				23M80248	20MK8815	Cable	230	44
	TG8S-X6809-C1BX	2, 4	Opp	130				23M80248	20MK8815	Cable	205	39
	TG8S-X6812-C1BH	2, 4	Opp	160				23M80248	20MK8815	Cable	210	40
	TG8S-X6813-C1BH	2, 4	Opp	181				23M80248	20MK8815	Cable	210	40
	TG8S-X6815-C1BH	2, 4	Opp	205				23M80248	20MK8815	Cable	195	37
	TG8S-X6818-C1BH	2, 4	Opp	243				23M80248	20MK8815	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	66				23M80165	20MK8808	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	98				23M80165	20MK8808	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	121				23M80165	20MK8808	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	161				23M80165	20MK8808	Elec/Air	325	62
	SH8S-U6813-E1BX	4	Opp	187				23M80165	20MK8808	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	66				23M80165	20MK8808	Power	300	57
	CS8S-U6806-E1BX		Opp	78				23M80165	20MK8808	Power	300	57
	CS8S-U6807-E1BX	4	Opp	98				23M80165	20MK8808	Power	300	57
	CS8S-U6809-E1BX	4	Opp	121				23M80165	20MK8808	Power	275	52
	CS8S-U6812-E1BX	4	Opp	161				23M80165	20MK8808	Power	275	52
	1 FWD. 1 REV.	RL8S-U6805-L3BX	5	Opp	77		77		23M80248	20MK8808	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80248 + 20MK8814					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

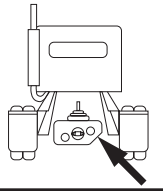

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	47				23M80248	20MK8817	Lever	500	95
	828S-U6808-L1CX		Opp	75				23M80248	20MK8817	Lever	450	85
	828S-U6809-L1CX		Opp	92				23M80248	20MK8817	Lever	410	78
	828S-U6810-L1CX		Opp	99				23M80248	20MK8817	Lever	410	78
	828S-U6812-L1CX		Opp	114				23M80248	20MK8817	Lever	375	71
	828S-U6813-L1CX		Opp	132				23M80248	20MK8817	Lever	375	71
	828S-U6815-L1CX		Opp	144				23M80375	20MK8817	Lever	350	67
	828S-U6819-L1CX		Opp	178				23M80500	20MK8816	Lever	300	57
	1 FWD. 1 REV.											



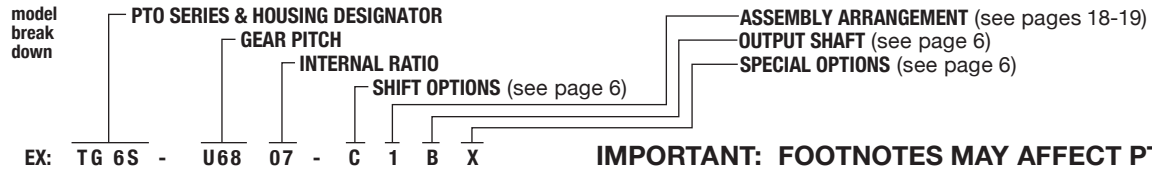
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- Speeds shown in high range, for low multiply by .77.
 - TG Series Input Gear: #03T96773 – Refer to kit program on pages 10 & 11.
 - Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter. TG Series change to U68 does not require spacer between PTO and adapter.
 - Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and change stud kit to 20MK8817.
 - Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSO150-16B, PSO165-16B, PSO175-16B, PSO175-16M, TSPO145-16B, TSPO155-16B, TSPO155-16 H.P., TSPO165-16 H.P., TSPO175-16M Footnote (2)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								56T 6P 20°PA Spur LOCATION: Front PLMF: .554 PLV: 1271 FPM RPM: 520				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	1, 4	Opp	44				23M60450+23M60032S	20MK6605	Cable	285	54
	TG6S-X6805-C1BX	1, 4	Opp	57				23M60450+23M60032S	20MK6605	Cable	270	51
	TG6S-X6806-C1BX	1, 4	Opp	74				23M60450+23M60032S	20MK6605	Cable	245	47
	TG6S-X6807-C1BX	1, 4	Opp	87				23M60450+23M60032S	20MK6605	Cable	230	44
	TG6S-X6808-C1BX	1, 4	Opp	107				23M60450+23M60032S	20MK6605	Cable	230	44
	TG6S-X6809-C1BX	1, 4	Opp	112				23M60450+23M60032S	20MK6605	Cable	205	39
	TG6S-X6812-C1BH	1, 4	Opp	138				23M60450+23M60032S	20MK6605	Cable	210	40
	TG6S-X6813-C1BH	1, 4	Opp	157				23M60450+23M60032S	20MK6605	Cable	210	40
	TG6S-X6815-C1BH	1, 4	Opp	177				23M60450+23M60032S	20MK6605	Cable	195	37
	TG6S-X6818-C1BH	1, 4	Opp	209				23M60450+23M60032S	20MK6605	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	57				23M60450	20TK4435	Elec/Air	400	76
	SH6S-U6807-E1BX	4	Opp	84				23M60450	20TK4435	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	105				23M60450	20TK4435	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	139				23M60450	20TK4435	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	57				23M60450	20TK4435	Power	300	57
	CS6S-U6806-E1BX		Opp	67				23M60450	20TK4435	Power	300	57
	CS6S-U6807-E1BX	4	Opp	84				23M60450	20TK4435	Power	300	57
	CS6S-U6809-E1BX	4	Opp	105				23M60450	20TK4435	Power	275	52
	CS6S-U6812-E1BX	4	Opp	139				23M60450	20TK4435	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3	Opp	32		32		23M60450+23M60200S	20MK6607	Lever	200	38
	RL6D-U6805-L3BX	3	Opp	66		66		23M60450+23M60200S	20MK6607	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

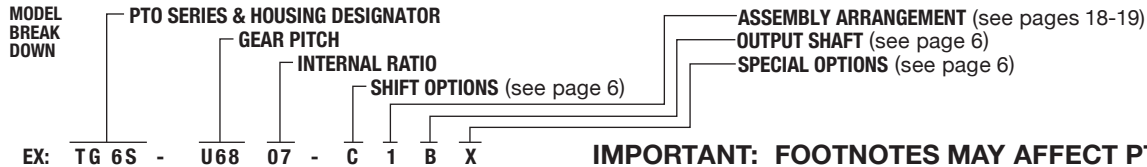
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown are with transmission in High range. For Low range multiply speeds by .82.
- 3 Do not use for continuous duty applications.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6607.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 PSO150-16B, PSO165-16B, PSO175-16B, PSO175-16M, TSPO145-16B, TSPO155-16B, TSPO155-16 H.P., TSPO165-16 H.P., TSPO175-16M Footnote (2)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								56T 6P 20°PA Spur	PLMF: .399			
								LOCATION: Front	RPM: 520			
								PLV: 1271 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 4	Opp	44				23M80295+23M80032	20MK8815	Cable	285	54
	TG8S-X6805-C1BX	1, 4	Opp	57				23M80295+23M80032	20MK8815	Cable	270	51
	TG8S-X6806-C1BX	1, 4	Opp	74				23M80295+23M80032	20MK8815	Cable	245	47
	TG8S-X6807-C1BX	1, 4	Opp	87				23M80295+23M80032	20MK8815	Cable	230	44
	TG8S-X6808-C1BX	1, 4	Opp	107				23M80295+23M80032	20MK8815	Cable	230	44
	TG8S-X6809-C1BX	1, 4	Opp	112				23M80295+23M80032	20MK8815	Cable	205	39
	TG8S-X6812-C1BH	1, 4	Opp	138				23M80295+23M80032	20MK8815	Cable	210	40
	TG8S-X6813-C1BH	1, 4	Opp	157				23M80295+23M80032	20MK8815	Cable	210	40
	TG8S-X6815-C1BH	1, 4	Opp	177				23M80295+23M80032	20MK8815	Cable	195	37
	TG8S-X6818-C1BH	1, 4	Opp	209				23M80295+23M80032	20MK8815	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	57				23M80295	20MK8815	Elec/Air	400	76
	SH8S-U6807-E1BX	4	Opp	84				23M80295	20MK8815	Elec/Air	400	76
	SH8S-U6809-E1BX	4	Opp	105				23M80295	20MK8815	Elec/Air	375	71
	SH8S-U6812-E1BX	4	Opp	139				23M80295	20MK8815	Elec/Air	325	62
	SH8S-U6813-E1BX	4	Opp	161				23M80295	20MK8815	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	57				23M80295	20MK8815	Power	300	57
	CS8S-U6806-E1BX		Opp	67				23M80295	20MK8815	Power	300	57
	CS8S-U6807-E1BX	4	Opp	84				23M80295	20MK8815	Power	300	57
	CS8S-U6809-E1BX	4	Opp	105				23M80295	20MK8815	Power	275	52
	CS8S-U6812-E1BX	4	Opp	139				23M80295	20MK8815	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	5	Opp	32		32		23M80295	20MK8815	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	66		66		23M80295	20MK8815	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80295 + 20MK8818					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

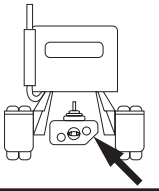

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	40				23M80375	20MK8816	Lever	500	95
	828S-U6808-L1CX		Opp	64				23M80375	20MK8816	Lever	450	85
	828S-U6809-L1CX		Opp	79				23M80375	20MK8816	Lever	410	78
	828S-U6810-L1CX		Opp	86				23M80375	20MK8816	Lever	410	78
	828S-U6812-L1CX		Opp	98				23M80375	20MK8816	Lever	375	71
	828S-U6813-L1CX		Opp	114				23M80375	20MK8816	Lever	375	71
	828S-U6815-L1CX		Opp	124				23M80500	20MK8816	Lever	350	67
	828S-U6819-L1CX		Opp	153				23M80248+23M80375	20MK8818	Lever	300	57
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Speeds shown are with transmission in High range. For Low range multiply speeds by .82.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter. TG Series change to U68 does not require spacer between PTO and adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and change stud kit to 20MK8817.
- 5 Do not use for continuous duty applications.

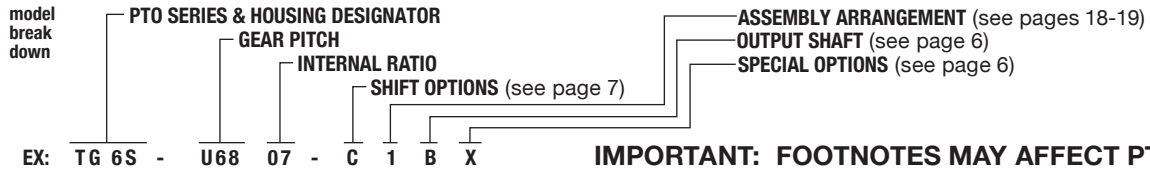
TREMEC TRANSMISSION (SPICER)						RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)		
 1214-2A, 1214-4A, 1414-2A						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 49T 5.85P 20°PA Spur LOCATION: Front PLMF: 1.033 PLV: 1054 FPM RPM: 481		

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PTOS ARE NO LONGER AVAILABLE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

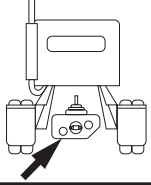

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

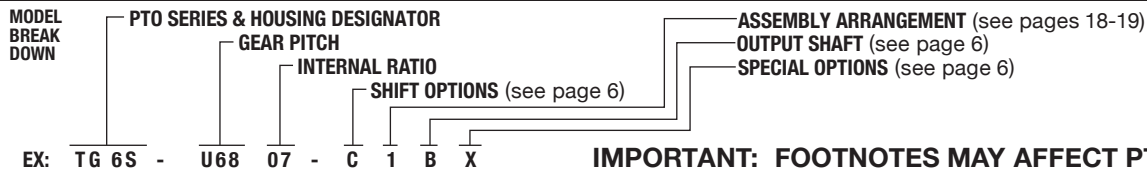
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)					BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>1214-2A, 1214-4A, 1414-2A</p> </div> <div style="text-align: left;"> <p>SAE 8-BOLT OPENING</p> <p>PTO DRIVE GEAR DATA: 49T 5.85P 20°PA Spur LOCATION: Front PLMF: .879 PLV: 1054 FPM RPM: 481</p> </div> </div>							

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PTOS ARE NO LONGER AVAILABLE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

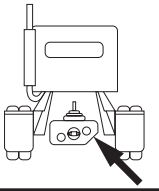

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



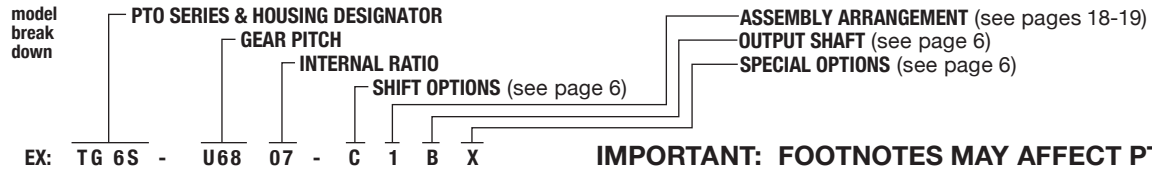
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		ASO10-VPD, ASO100-10S, ASO125-10S, ASO140-10S, ASO150-10S, ASO165-10S, LASO125-10S, LASO140-10S, LASO150-10S, LASO10-VPD						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur LOCATION: Rear PLV: 1669 FPM			PLMF: 1.080 RPM: 850	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 4	Opp	57				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 4	Opp	77				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 4	Opp	97				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 4	Opp	115				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 4	Opp	141				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 4	Opp	147				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 4	Opp	181				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 4	Opp	206				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 4	Opp	232				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 4	Opp	274				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		2, 3	See Footnotes Below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

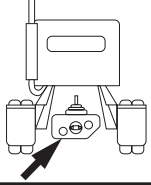



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series to U68 input gear #03T34284.
- 3 Use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		ASO10-VPD, ASO100-10S, ASO125-10S, ASO140-10S, ASO150-10S, ASO165-10S, LASO125-10S, LASO140-10S, LASO150-10S, LASO10-VPD						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur LOCATION: Front PLMF: .731/1.00 PLV: 1669 FPM RPM: 850				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 4	Opp	57				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 4	Opp	77				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 4	Opp	97				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 4	Opp	115				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 4	Opp	141				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 4	Opp	147				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 4	Opp	181				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 4	Opp	206				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 4	Opp	232				23M80032	Included	Cable	195	37
	TG8S-X6818-C3BH	1, 4	Opp	274				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	75					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Opp	111					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Opp	138					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	4	Opp	183					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	4	Opp	212					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	75					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	89					Included	Power	300	57
	CS8S-U6807-E3BX	4	Opp	111					Included	Power	300	57
	CS8S-U6809-E3BX	4	Opp	138					Included	Power	275	52
	CS8S-U6812-E3BX	4	Opp	183					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	84		84		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	55					Included	Lever	500	95
	828S-U6808-L3CX		Opp	84					Included	Lever	450	85
	828S-U6809-L3CX		Opp	104					Included	Lever	410	78
	828S-U6810-L3CX		Opp	112					Included	Lever	410	78
	828S-U6812-L3CX		Opp	129					Included	Lever	375	71
	828S-U6813-L3CX		Opp	150					Included	Lever	375	71
	828S-U6815-L3CX		Opp	163				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	202				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

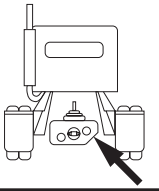



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

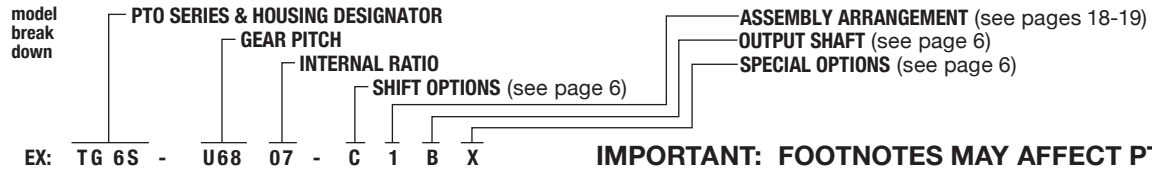
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PS86-10V						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° Spur LOCATION: Rear PLV: 1188 FPM					PLMF: 1.080 RPM: 605
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 4	Opp	41				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 4	Opp	53				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 4	Opp	69				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 4	Opp	82				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 4	Opp	100				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 4	Opp	104				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 4	Opp	128				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 4	Opp	145				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 4	Opp	164				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 4	Opp	195				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		2, 3	See Footnotes Below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

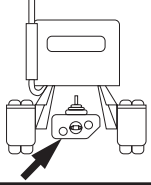



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series to U68 input gear #03T34284.
- 3 Use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
- 4 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PS86-10V						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
					45T 6P20° Spur LOCATION: Front PLV: 1188 FPM			PLMF: .731/1.00 RPM: 605				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 4	Opp	41				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 4	Opp	53				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 4	Opp	69				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 4	Opp	82				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 4	Opp	100				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 4	Opp	104				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 4	Opp	128				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 4	Opp	145				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 4	Opp	164				23M80032	Included	Cable	195	37
TG8S-X6818-C3BH	1, 4	Opp	195				23M80032	Included	Cable	175	33	
SH SERIES	SH8S-U6005-E3BX		Opp	53					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Opp	79					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Opp	98					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	4	Opp	130					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	4	Opp	151					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	53					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	63					Included	Power	300	57
	CS8S-U6807-E3BX	4	Opp	79					Included	Power	300	57
	CS8S-U6809-E3BX	4	Opp	98					Included	Power	275	52
	CS8S-U6812-E3BX	4	Opp	130					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	30		30		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	62		62		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	38					Included	Lever	500	95
	828S-U6808-L3CX		Opp	60					Included	Lever	450	85
	828S-U6809-L3CX		Opp	74					Included	Lever	410	78
	828S-U6810-L3CX		Opp	80					Included	Lever	410	78
	828S-U6812-L3CX		Opp	92					Included	Lever	375	71
	828S-U6813-L3CX		Opp	106					Included	Lever	375	71
	828S-U6815-L3CX		Opp	116				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	143				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

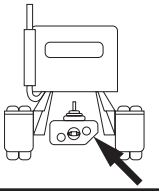



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

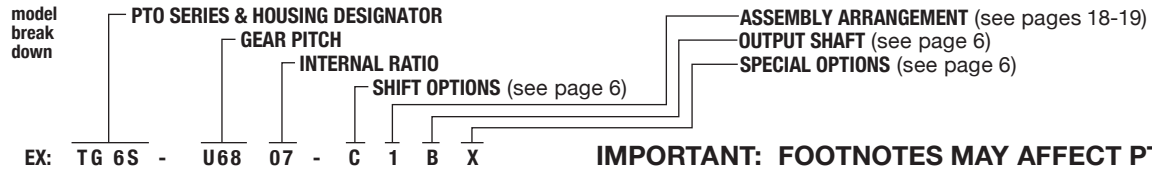
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSO115-10V, PSO125-10V, PSO145-10V						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20° Spur LOCATION: Rear PLV: 1669 FPM					PLMF: 1.080 RPM: 850
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 4	Opp	57				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 4	Opp	77				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 4	Opp	97				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 4	Opp	115				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 4	Opp	141				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 4	Opp	147				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 4	Opp	180				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 4	Opp	204				23M60032S	Included	Cable	210	40
	TG6D-S6815-C2BH	4, 5	Opp	212				23M60270	20MK6605	Cable	195	37
	TG6D-S6818-C2BH	4, 5	Opp	252				23M60270	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		2, 3	See Footnotes Below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

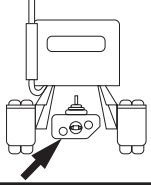



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

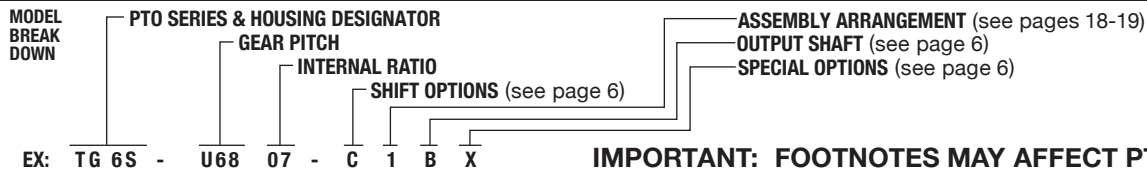
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series to U68 input gear #03T34284.
- 3 Use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
- 4 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 PSO115-10V, PSO125-10V, PSO145-10V								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° Spur	PLMF: .731/1.0			
								LOCATION: Front	RPM: 850			
								PLV: 1669 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 4	Opp	57				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 4	Opp	77				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 4	Opp	97				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 4	Opp	115				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 4	Opp	141				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 4	Opp	147				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 4	Opp	180				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 4	Opp	204				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 4	Opp	212				23M80032	Included	Cable	195	37
TG8S-X6818-C3BH	1, 4	Opp	252				23M80032	Included	Cable	175	33	
SH SERIES	SH8S-U6005-E3BX		Opp	75					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Opp	111					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Opp	138					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	4	Opp	183					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	4	Opp	212					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	75					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	89					Included	Power	300	57
	CS8S-U6807-E3BX	4	Opp	111					Included	Power	300	57
	CS8S-U6809-E3BX	4	Opp	138					Included	Power	275	52
	CS8S-U6812-E3BX	4	Opp	183					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX		Opp	84		84		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	55					Included	Lever	500	95
	828S-U6808-L3CX		Opp	84					Included	Lever	450	85
	828S-U6809-L3CX		Opp	104					Included	Lever	410	78
	828S-U6810-L3CX		Opp	112					Included	Lever	410	78
	828S-U6812-L3CX		Opp	129					Included	Lever	375	71
	828S-U6813-L3CX		Opp	150					Included	Lever	375	71
	828S-U6815-L3CX		Opp	163				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	202				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

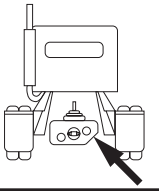



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

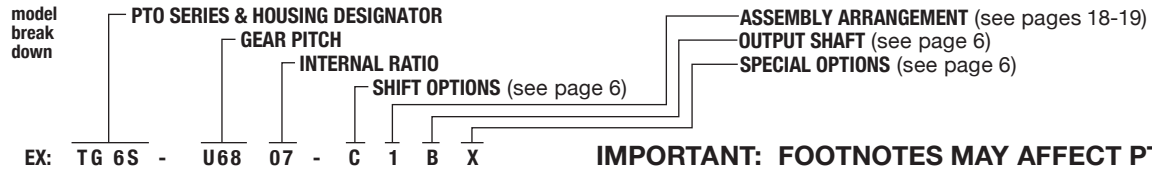
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
		7041 (Auxiliary) Footnote (1)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 31T 6P 17.5°PA 26.01 L.H. LOCATION: Front PLMF: 1.085 PLV: 1603 FPM RPM: 1065				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6204-C1BX	2	Crnk	57					Included	Cable	285	54
	TG6S-S6205-C1BX	2	Crnk	74					Included	Cable	270	51
	TG6S-S6206-C1BX	2	Crnk	96					Included	Cable	245	47
	TG6S-S6207-C1BX	2	Crnk	113					Included	Cable	230	44
	TG6S-S6208-C1BX	2	Crnk	139					Included	Cable	230	44
	TG6S-S6209-C1BX	2	Crnk	145					Included	Cable	205	39
	TG6S-S6212-C1BH	2	Crnk	178					Included	Cable	210	40
	TG6S-S6213-C1BH	2	Crnk	202					Included	Cable	210	40
	TG6S-S6215-C1BH	2	Crnk	228					Included	Cable	195	37
TG6S-S6218-C1BH	2	Crnk	270					Included	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

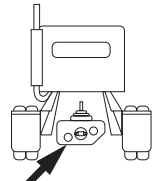



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speed shown with main transmission in direct drive.
- TG Series Input Gear: #03T36421 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 7041						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PTO APPLICATIONS NOT POSSIBLE DUE TO NON-STANDARD MOUNTING DEPTH											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION

REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

MODEL BREAK DOWN

PTO SERIES & HOUSING DESIGNATOR

GEAR PITCH

INTERNAL RATIO

SHIFT OPTIONS (see page 6)

ASSEMBLY ARRANGEMENT (see pages 18-19)

OUTPUT SHAFT (see page 6)

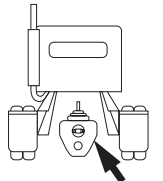

SPECIAL OPTIONS (see page 6)

EX: TG 6S - U68 07 - C 1 B X

IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

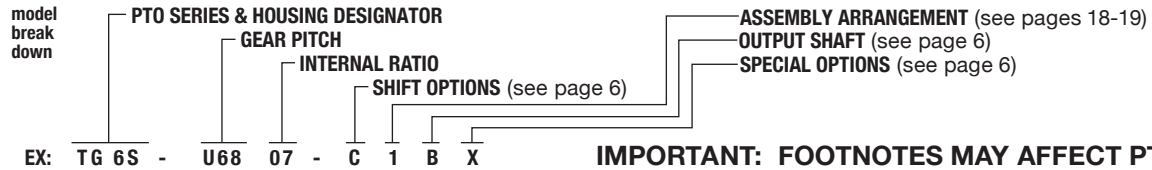
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)						RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)		
 <div style="display: inline-block; width: 300px; height: 40px; border: 1px solid black; text-align: center; vertical-align: middle;"> ES54-5A </div>						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 33T 7.0P 25°PA 30.78 R.H. LOCATION: Front PLMF: 1.031 PLV: 661 FPM RPM: 460		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C1BX	1	Opp	46				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C1BX	1	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C1BX	1	Opp	58				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C1BH	1	Opp	71				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C1BH	1	Opp	81				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C1BH	1	Opp	92				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C1BH	1	Opp	109				23M60093S	20MK6602	Cable	175	33
SH SERIES	SH6S-C7009-E1BX		Opp	57				23M60093S	20TK4433	Elec/Air	375	71
	SH6S-C7012-E1BX		Opp	75				23M60093S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-C7009-E1BX		Opp	57				23M60093S	20TK4433	Power	275	52
	CS6S-C7012-E1BX		Opp	75				23M60093S	20TK4433	Power	275	52
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

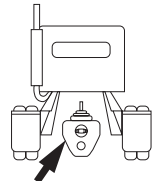

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
1 TG Series Input Gear: #03T34453 – Refer to kit program on pages 10 & 11.

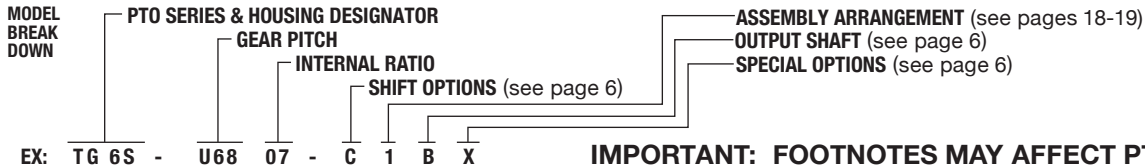
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING	
ES54-5A	PTO DRIVE GEAR DATA: 33T 7.0P 25°PA 30.78° R.H. LOCATION: Front PLMF: 1.031 PLV: 661 FPM RPM: 460	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7007-C3BX	1	Opp	46				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C3BX	1	Opp	56				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C3BX	1	Opp	58				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C3BH	1	Opp	71				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C3BH	1	Opp	81				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C3BH	1	Opp	92				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C3BH	1	Opp	109				23M60093S	20MK6602	Cable	175	33
SH SERIES	SH6S-C7009-E3BX		Opp	57				23M60093S	20TK4433	Elec/Air	275	52
	SH6S-C7012-E3BX		Opp	75				23M60093S	20TK4433	Elec/Air	275	52
CLUTCH SHIFT	CS6S-C7009-E3BX		Opp	57				23M60093S	20TK4433	Power	275	52
	CS6S-C7012-E3BX		Opp	75				23M60093S	20TK4433	Power	275	52
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

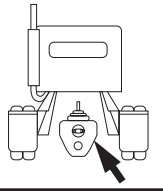



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

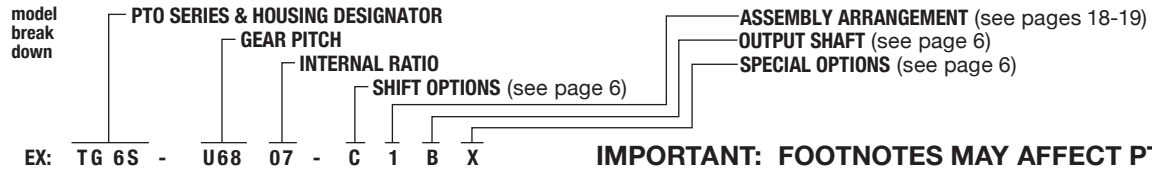
FOOTNOTES:

1 TG Series Input Gear: #03T34453 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
		ES54-5B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								32T 6.10P 25°PA 30.4 R.H. LOCATION: Front PLMF: .734 PLV: 774 FPM RPM: 486				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-T6106-C1BX	1	Opp	45				23M60350	20MK6605	Cable	245	47
	TG6S-T6107-C1BX	1	Opp	53				23M60350	20MK6605	Cable	230	44
	TG6S-T6108-C1BX	1	Opp	65				23M60350	20MK6605	Cable	230	44
	TG6S-T6109-C1BX	1	Opp	68				23M60350	20MK6605	Cable	205	39
	TG6S-T6112-C1BH	1	Opp	84				23M60350	20MK6605	Cable	210	40
	TG6S-T6113-C1BH	1	Opp	95				23M60350	20MK6605	Cable	210	40
	TG6S-T6115-C1BH	1	Opp	107				23M60350	20MK6605	Cable	195	37
	TG6S-T6118-C1BH	1	Opp	127				23M60350	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

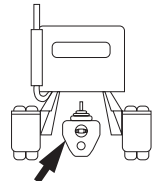



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T36552 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 ES54-5B	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 32T 6.10P 25°PA 30.4 R.H. LOCATION: Front PLMF: .734 PLV: 774 FPM RPM: 486	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-T6106-C3BX	1	Opp	45				23M60350	20MK6605	Cable	245	47
	TG6S-T6107-C3BX	1	Opp	53				23M60350	20MK6605	Cable	230	44
	TG6S-T6108-C3BX	1	Opp	65				23M60350	20MK6605	Cable	230	44
	TG6S-T6109-C3BX	1	Opp	68				23M60350	20MK6605	Cable	205	39
	TG6S-T6112-C3BH	1	Opp	84				23M60350	20MK6605	Cable	210	40
	TG6S-T6113-C3BH	1	Opp	95				23M60350	20MK6605	Cable	210	40
	TG6S-T6115-C3BH	1	Opp	107				23M60350	20MK6605	Cable	195	37
	TG6S-T6118-C3BH	1	Opp	127				23M60350	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
1 TG Series Input Gear: #03T36552 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT OPENING TURN PAGE)				
		ES54-5C						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 33T 7.00P 25°PA 30.78 R.H. LOCATION: Front PLMF: 1.031 PLV: 780 FPM RPM: 543				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7004-C1BX	1	Opp	27				23M60093S	20MK6602	Cable	285	54
	TG6S-C7005-C1BX	1	Opp	35				23M60093S	20MK6602	Cable	270	51
	TG6S-C7006-C1BX	1	Opp	46				23M60093S	20MK6602	Cable	245	47
	TG6S-C7007-C1BX	1	Opp	54				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C1BX	1	Opp	66				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C1BX	1	Opp	69				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C1BH	1	Opp	84				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C1BH	1	Opp	96				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C1BH	1	Opp	108				23M60093S	20MK6602	Cable	195	37
TG6S-C7018-C1BH	1	Opp	128				23M60093S	20MK6602	Cable	175	33	
SH SERIES	SH6S-C7009-E1BX		Opp	67				23M60093S	20TK4433	Elec/Air	375	71
	SH6S-C7012-E1BX		Opp	89				23M60093S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-C7009-E1BX		Opp	67				23M60093S	20TK4433	Power	275	52
	CS6S-C7012-E1BX		Opp	89				23M60093S	20TK4433	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

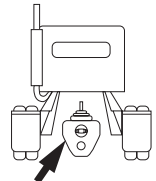



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T34453 – Refer to kit program on pages 10 & 11.

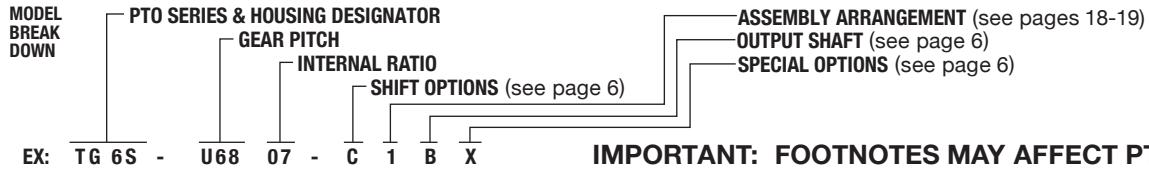
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 ES54-5C	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 33T 7.00P 25°PA 30.78 R.H. LOCATION: Front PLMF: 1.031 PLV: 780 FPM RPM: 543	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-C7004-C3BX	1	Opp	27				23M60093S	20MK6602	Cable	285	54
	TG6S-C7005-C3BX	1	Opp	35				23M60093S	20MK6602	Cable	270	51
	TG6S-C7006-C3BX	1	Opp	46				23M60093S	20MK6602	Cable	245	47
	TG6S-C7007-C3BX	1	Opp	54				23M60093S	20MK6602	Cable	230	44
	TG6S-C7008-C3BX	1	Opp	66				23M60093S	20MK6602	Cable	230	44
	TG6S-C7009-C3BX	1	Opp	69				23M60093S	20MK6602	Cable	205	39
	TG6S-C7012-C3BH	1	Opp	84				23M60093S	20MK6602	Cable	210	40
	TG6S-C7013-C3BH	1	Opp	96				23M60093S	20MK6602	Cable	210	40
	TG6S-C7015-C3BH	1	Opp	108				23M60093S	20MK6602	Cable	195	37
	TG6S-C7018-C3BH	1	Opp	128				23M60093S	20MK6602	Cable	175	33
SH SERIES	SH6S-C7009-E3BX		Opp	67				23M60093S	20TK4433	Elec/Air	375	71
	SH6S-C7012-E3BX		Opp	89				23M60093S	20TK4433	Elec/Air	325	62
CLUTCH SHIFT	CS6S-C7009-E3BX		Opp	67				23M60093S	20TK4433	Power	275	52
	CS6S-C7012-E3BX		Opp	89				23M60093S	20TK4433	Power	275	52
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

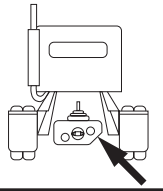

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



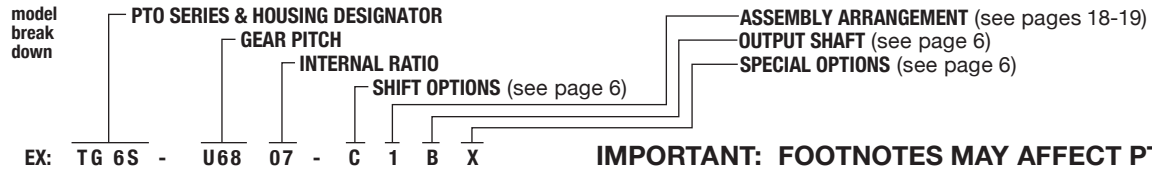
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:
1 TG Series Input Gear: #03T34453 – Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSO165-18A, PSO165-18B, PSO175-18A, PSO175-18B, PSO175-18M Footnote (2)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 57T 6P 20°PA Spur LOCATION: Front PLMF: .470 PLV: 1244 FPM RPM: 500				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C1BX	1, 5	Opp	43				23M60550+23M60032S	20MK6605	Cable	285	54
	TG6S-X6805-C1BX	1, 5	Opp	56				23M60550+23M60032S	20MK6605	Cable	270	51
	TG6S-X6806-C1BX	1, 5	Opp	72				23M60550+23M60032S	20MK6605	Cable	245	47
	TG6S-X6807-C1BX	1, 5	Opp	86				23M60550+23M60032S	20MK6605	Cable	230	44
	TG6S-X6808-C1BX	1, 5	Opp	105				23M60550+23M60032S	20MK6605	Cable	230	44
	TG6S-X6809-C1BX	1, 5	Opp	109				23M60550+23M60032S	20MK6605	Cable	205	39
	TG6S-X6812-C1BH	1, 5	Opp	134				23M60550+23M60032S	20MK6605	Cable	210	40
	TG6S-X6813-C1BH	1, 5	Opp	153				23M60550+23M60032S	20MK6605	Cable	210	40
	TG6S-X6815-C1BH	1, 5	Opp	172				23M60550+23M60032S	20MK6605	Cable	195	37
	TG6S-X6818-C1BH	1, 5	Opp	204				23M60550+23M60032S	20MK6605	Cable	175	33
SH SERIES	SH6S-U6005-E1BX		Opp	56				23M60550	20TK4435	Elec/Air	400	76
	SH6S-U6807-E1BX	5	Opp	82				23M60550	20TK4435	Elec/Air	400	76
	SH6S-U6809-E1BX	5	Opp	102				23M60550	20TK4435	Elec/Air	375	71
	SH6S-U6812-E1BX	5	Opp	136				23M60550	20TK4435	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6005-E1BX		Opp	56				23M60550	20TK4435	Power	300	57
	CS6S-U6806-E1BX		Opp	66				23M60550	20TK4435	Power	300	57
	CS6S-U6807-E1BX	5	Opp	82				23M60550	20TK4435	Power	300	57
	CS6S-U6809-E1BX	5	Opp	102				23M60550	20TK4435	Power	275	52
	CS6S-U6812-E1BX	5	Opp	136				23M60550	20TK4435	Power	275	52
1 FWD. 1 REV.	RL6D-U6803-L3BX	3, 4	Opp	32		32		23M60550+23M60200S	20MK6608	Lever	200	38
	RL6D-U6805-L3BX	3	Opp	65		65		23M60550+23M60200S	20MK6608	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

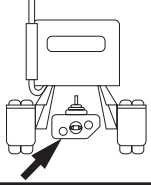

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 Speed shown in high range. For low range multiply speeds shown by .84.
 - 3 Not for continuous duty applications.
 - 4 RL Series with combined reduction gear box. ("03" Ratio).
 - 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6607.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 PSO165-18A, PSO165-18B, PSO175-18A, PSO175-18B, PSO175-18M Footnote (2)								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 57T 6P 20°PA Spur LOCATION: Front PLMF: .316 PLV: 1244 FPM RPM: 500				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 6	Opp	43				23M80375+23M80032	20MK8815	Cable	285	54
	TG8S-X6805-C1BX	1, 6	Opp	56				23M80375+23M80032	20MK8815	Cable	270	51
	TG8S-X6806-C1BX	1, 6	Opp	72				23M80375+23M80032	20MK8815	Cable	245	47
	TG8S-X6807-C1BX	1, 6	Opp	86				23M80375+23M80032	20MK8815	Cable	230	44
	TG8S-X6808-C1BX	1, 6	Opp	105				23M80375+23M80032	20MK8815	Cable	230	44
	TG8S-X6809-C1BH	1, 6	Opp	109				23M80375+23M80032	20MK8815	Cable	205	39
	TG8S-X6812-C1BH	1, 6	Opp	134				23M80375+23M80032	20MK8815	Cable	210	40
	TG8S-X6813-C1BH	1, 6	Opp	153				23M80375+23M80032	20MK8815	Cable	210	40
	TG8S-X6815-C1BH	1, 6	Opp	172				23M80375+23M80032	20MK8815	Cable	195	37
TG8S-X6818-C1BH	1, 6	Opp	204				23M80375+23M80032	20MK8815	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Opp	56				23M80375	20MK8815	Elec/Air	400	76
	SH8S-U6807-E1BX	6	Opp	82				23M80375	20MK8815	Elec/Air	400	76
	SH8S-U6809-E1BX	6	Opp	102				23M80375	20MK8815	Elec/Air	375	71
	SH8S-U6812-E1BX	6	Opp	136				23M80375	20MK8815	Elec/Air	325	62
	SH8S-U6813-E1BX		Opp	158				23M80375	20MK8815	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	56				23M80375	20MK8815	Power	300	57
	CS8S-U6806-E1BX		Opp	66				23M80375	20MK8815	Power	300	57
	CS8S-U6807-E1BX	6	Opp	82				23M80375	20MK8815	Power	300	57
	CS8S-U6809-E1BX	6	Opp	102				23M80375	20MK8815	Power	275	52
	CS8S-U6812-E1BX	6	Opp	136				23M80375	20MK8815	Power	275	52
	CS8S-U6814-E1BX		Opp	170				23M80375	20MK8815	Power	275	52
	1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	4, 5 4	Opp Opp	32 65		32 65		23M80375 23M80375	20MK8815 20MK8815	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	39				23M80500	20MK8807	Lever	500	95
	828S-U6808-L1CX		Opp	63				23M80500	20MK8807	Lever	450	85
	828S-U6809-L1CX		Opp	77				23M80500	20MK8807	Lever	410	78
	828S-U6810-L1CX		Opp	84				23M80500	20MK8807	Lever	410	78
	828S-U6812-L1CX		Opp	96				23M80500	20MK8807	Lever	375	71
	828S-U6813-L1CX		Opp	111				23M80500	20MK8807	Lever	375	71
	828S-U6815-L1CX		Opp	122				23M80295+23M80295	20MK8807	Lever	350	67
	828S-U6819-L1CX		Opp	150				23M80248+23M80500	20MK8812	Lever	300	57
	1 FWD. 1 REV.											

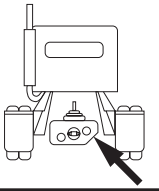



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

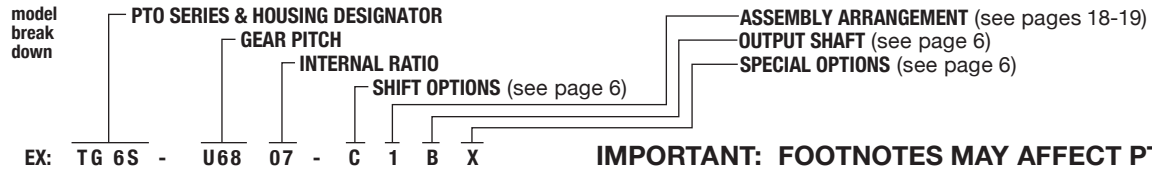
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Speed shown in high range. For low range multiply speeds shown by .84.
- 3 Change TG Series, SH Series and RL Series to 6 bolt housing and TG to U68 input gear. 23M60200 + 20MK6603 required for RL on PTO side of adapter.
- 4 Not for continuous duty applications.
- 5 RL Series with combined reduction gear box. ("03" Ratio).
- 6 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and change stud kit to 20MK8807.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)							RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)					
 AS100-10D, AS125-10D, AS135-10D, AS145-10D, LAS100-10D, LAS125-10D, LAS135-10D, LAS145-10D, LLAS100-10D, LLAS125-10D, LLAS135-10D, LLAS145-10D, LLPS100-10D, LLPS125-10D, LLPS135-10D, LLPS145-10D, LPS100-10D, LPS125-10D, LPS135-10D, LPS145-10D, PS100-10D, PS125-10D, PS135-10D, PS145-10D							SAE 6-BOLT OPENING					PTO DRIVE GEAR DATA:
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 3, 4	Opp	45				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 3, 4	Opp	59				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 3, 4	Opp	76				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 3, 4	Opp	90				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 3, 4	Opp	111				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 3, 4	Opp	115				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 3, 4	Opp	141				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 3, 4	Opp	161				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 3, 4	Opp	181				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 3, 4	Opp	215				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		2	See Footnotes Below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

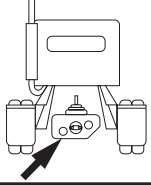



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

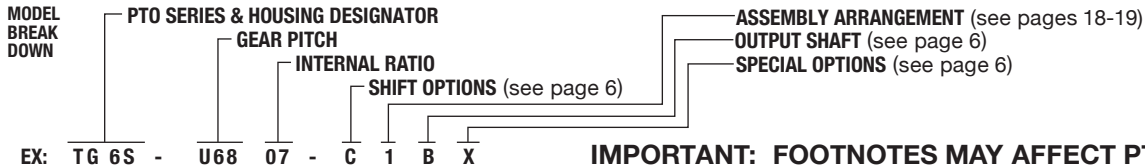
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
- 3 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 4 Direct mount pump interferes unless adapter is used.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
	AS100-10D, AS125-10D, AS135-10D, AS145-10D, LAS100-10D, LAS125-10D, LAS135-10D, LAS145-10D, LLAS100-10D, LLAS125-10D, LLAS135-10D, LLAS145-10D, LLPS100-10D, LLPS125-10D, LLPS135-10D, LLPS145-10D, LPS100-10D, LPS125-10D, LPS135-10D, LPS145-10D, PS100-10D, PS125-10D, PS135-10D, PS145-10D							SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
			45T 6P 20°PA Spur			PLMF: .731/1.0						
			LOCATION: Front			RPM: 667						
			PLV: 1310 FPM									
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 5	Opp	45				23M80032	Included	Cable	285	54
	TG8S-X6805-C1BX	1, 5	Opp	59				23M80032	Included	Cable	270	51
	TG8S-X6806-C1BX	1, 5	Opp	76				23M80032	Included	Cable	245	47
	TG8S-X6807-C1BX	1, 5	Opp	90				23M80032	Included	Cable	230	44
	TG8S-X6808-C1BX	1, 5	Opp	111				23M80032	Included	Cable	230	44
	TG8S-X6809-C1BX	1, 5	Opp	115				23M80032	Included	Cable	205	39
	TG8S-X6812-C1BH	1, 5	Opp	141				23M80032	Included	Cable	210	40
	TG8S-X6813-C1BH	1, 5	Opp	161				23M80032	Included	Cable	210	40
	TG8S-X6815-C1BH	1, 5	Opp	181				23M80032	Included	Cable	195	37
TG8S-X6818-C1BH	1, 5	Opp	215				23M80032	Included	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Opp	59					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	87					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	5	Opp	108					Included	Elec/Air	375	71
	SH8S-U6812-E1BX	5	Opp	143					Included	Elec/Air	325	62
	SH8S-U6813-E1BX		Opp	166					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	59					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	70					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	87					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	108					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	143					Included	Power	275	5
	CS8S-U6814-E1BX		Opp	179					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	3, 4	Opp	33		33		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	3	Opp	68		68		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	41					Included	Lever	500	95
	828S-U6808-L1CX		Opp	66					Included	Lever	450	85
	828S-U6809-L1CX		Opp	82					Included	Lever	410	78
	828S-U6810-L1CX		Opp	88					Included	Lever	410	78
	828S-U6812-L1CX		Opp	101					Included	Lever	375	71
	828S-U6813-L1CX		Opp	117					Included	Lever	375	71
	828S-U6815-L1CX		Opp	128				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Opp	158				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

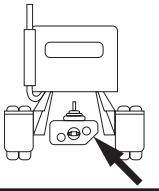



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

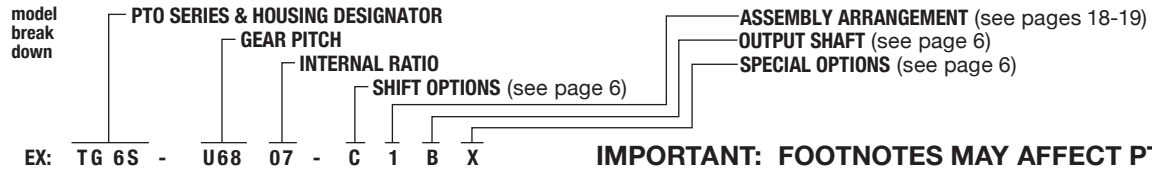
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG, CS, SH and RL Series to 6 bolt housing and TG to U68 input gear. 23M60200 + 20MK6603 required for RG and RL on PTO side of adapter.
- 3 Not for continuous duty applications.
- 4 RL Series with combined reduction gear box. ("03" Ratio).
- 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20M8808.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		ASO125-10D, ASO135-10D, PSO125-10D, PSO135-10D, PSO145-10D, PSO155-10D, PSO165-10D						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20.5°PA Spur LOCATION: Rear PLMF: 1.085 PLV: 1738 FPM RPM: 885				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 4, 5	Opp	60				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 4, 5	Opp	78				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 4, 5	Opp	101				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 4, 5	Opp	119				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 4, 5	Opp	147				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 4, 5	Opp	153				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 4, 5	Opp	188				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 4, 5	Opp	213				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 4, 5	Opp	241				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 4, 5	Opp	285				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		2, 3	See Footnotes Below.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

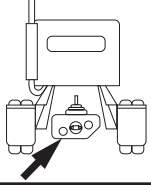

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 Change TG Series to TG6S-U68 input gear. 23M60200S + 20MK6603 required for RL on PTO side of adapter. TG Series change to U68 does not require spacer between PTO and adapter.
 - 3 Use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
 - 4 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 5 Direct mount pump interferes unless adapter is used.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
 ASO125-10D, ASO135-10D, PSO125-10D, PSO135-10D, PSO145-10D, PSO155-10D, PSO165-10D								SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur	PLMF: .731/1.0			
								LOCATION: Front	RPM: 885			
								PLV: 1738 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 5	Opp	60				23M80032	Included	Cable	285	54
	TG8S-X6805-C1BX	1, 5	Opp	78				23M80032	Included	Cable	270	51
	TG8S-X6806-C1BX	1, 5	Opp	101				23M80032	Included	Cable	245	47
	TG8S-X6807-C1BX	1, 5	Opp	119				23M80032	Included	Cable	230	44
	TG8S-X6808-C1BX	1, 5	Opp	147				23M80032	Included	Cable	230	44
	TG8S-X6809-C1BX	1, 5	Opp	153				23M80032	Included	Cable	205	39
	TG8S-X6812-C1BH	1, 5	Opp	188				23M80032	Included	Cable	210	40
	TG8S-X6813-C1BH	1, 5	Opp	213				23M80032	Included	Cable	210	40
	TG8S-X6815-C1BH	1, 5	Opp	241				23M80032	Included	Cable	195	37
	TG8S-X6818-C1BH	1, 5	Opp	285				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E1BX		Opp	78					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	115					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	5	Opp	143					Included	Elec/Air	375	71
	SH8S-U6812-E1BX	5	Opp	190					Included	Elec/Air	325	62
	SH8S-U6813-E1BX		Opp	221					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	78					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	92					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	115					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	143					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	190					Included	Power	275	52
	CS8S-U6814-E1BX		Opp	238					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	3, 4 4	Opp Opp	44 91		44 91		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	55					Included	Lever	500	95
	828S-U6808-L1CX		Opp	88					Included	Lever	450	85
	828S-U6809-L1CX		Opp	108					Included	Lever	410	78
	828S-U6810-L1CX		Opp	117					Included	Lever	410	78
	828S-U6812-L1CX		Opp	135					Included	Lever	375	71
	828S-U6813-L1CX		Opp	156					Included	Lever	375	71
	828S-U6815-L1CX		Opp	170				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Opp	202				23M80248 20MK8814	Included	Lever	300	57
1 FWD. 1 REV.												

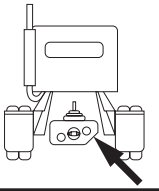



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

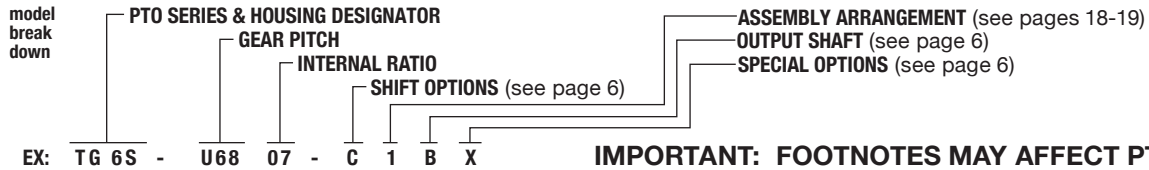
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 3 RL Series with combined reduction gear box. ("03" Ratio).
- 4 Not for continuous duty applications.
- 5 optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSO175-16SM, TSPO180-16SM						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								84T 8.99P 20°PA Spur				
								LOCATION: Front			PLMF: .554	
								PLV: 1269 FPM			RPM: 520	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S8904-C1BX	1	Opp	44				23M60500	20MK6607	Cable	285	54
	TG6S-S8905-C1BX	1	Opp	57				23M60500	20MK6607	Cable	270	51
	TG6S-S8906-C1BX	1	Opp	74				23M60500	20MK6607	Cable	245	47
	TG6S-S8907-C1BX	1	Opp	87				23M60500	20MK6607	Cable	230	44
	TG6S-S8908-C1BX	1	Opp	107				23M60500	20MK6607	Cable	230	44
	TG6S-S8909-C1BX	1	Opp	112				23M60500	20MK6607	Cable	205	39
	TG6S-S8912-C1BH	1	Opp	137				23M60500	20MK6607	Cable	210	40
	TG6S-S8913-C1BH	1	Opp	156				23M60500	20MK6607	Cable	210	40
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

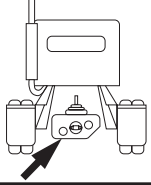



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

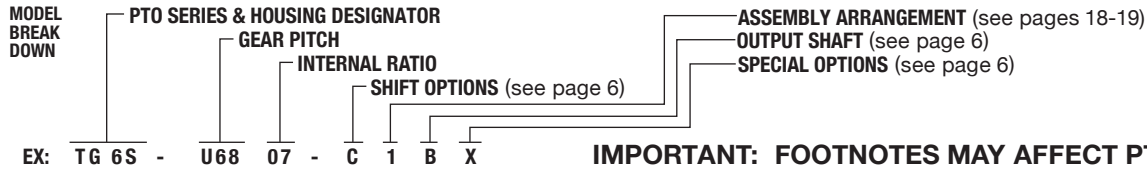
FOOTNOTES:

1 TG Series Input Gear: #03T37015 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PSO175-16SM, TSPO180-16SM						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								84T 8.99P 20°PA Spur	PLMF: .399			
								LOCATION: Front	RPM: 520			
								PLV: 1269 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S8904-C1BX	1	Opp	44				23M80248+23M80165	20MK8815	Cable	285	54
	TG8S-S8905-C1BX	1	Opp	57				23M80248+23M80165	20MK8815	Cable	270	51
	TG8S-S8906-C1BX	1	Opp	74				23M80248+23M80165	20MK8815	Cable	245	47
	TG8S-S8907-C1BX	1	Opp	87				23M80248+23M80165	20MK8815	Cable	230	44
	TG8S-S8908-C1BX	1	Opp	107				23M80248+23M80165	20MK8815	Cable	230	44
	TG8S-S8909-C1BX	1	Opp	112				23M80248+23M80165	20MK8815	Cable	205	39
	TG8S-S8912-C1BH	1	Opp	137				23M80248+23M80165	20MK8815	Cable	210	40
	TG8S-S8913-C1BH	1	Opp	156				23M80248+23M80165	20MK8815	Cable	210	40
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

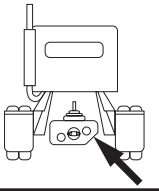



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

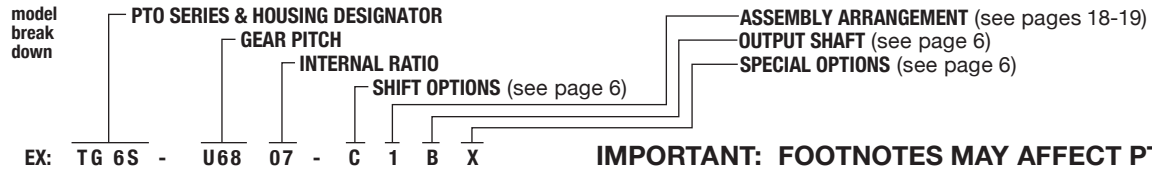
FOOTNOTES:

1 TG Series Input Gear: #03T37015 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSO175-18SM, TSPO180-18SM						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 76T 8.09P 20°PA Spur LOCATION: Front PLMF: .529 PLV: 1228 FPM RPM: 500				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S8004-C1BX	1	Opp	43				23M60500	20MK6607	Cable	285	54
	TG6S-S8005-C1BX	1	Opp	56				23M60500	20MK6607	Cable	270	51
	TG6S-S8006-C1BX	1	Opp	72				23M60500	20MK6607	Cable	245	47
	TG6S-S8007-C1BX	1	Opp	86				23M60500	20MK6607	Cable	230	44
	TG6S-S8008-C1BX	1	Opp	105				23M60500	20MK6607	Cable	230	44
	TG6S-S8009-C1BX	1	Opp	109				23M60500	20MK6607	Cable	205	39
	TG6S-S8012-C1BH	1	Opp	134				23M60500	20MK6607	Cable	210	40
	TG6S-S8013-C1BH	1	Opp	153				23M60500	20MK6607	Cable	210	40
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

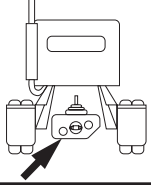



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

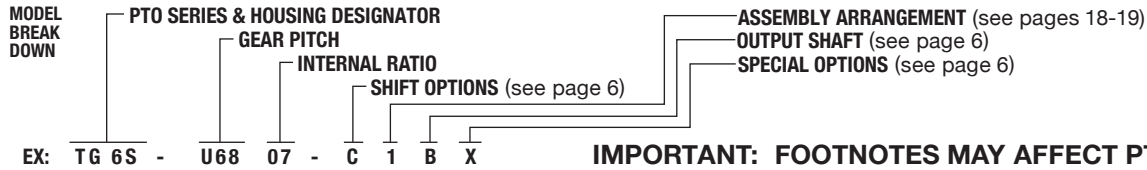
FOOTNOTES:

1 TG Series Input Gear: #03T37016 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PSO175-18SM, TSPO180-18SM						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
						76T 8.09P 20°PA Spur		PLMF: .374				
						LOCATION: Front		RPM: 500				
						PLV: 1228 FPM						
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S8004-C1BX	1	Opp	43				23M80248+23M80165	20MK8815	Cable	285	54
	TG8S-S8005-C1BX	1	Opp	56				23M80248+23M80165	20MK8815	Cable	270	51
	TG8S-S8006-C1BX	1	Opp	72				23M80248+23M80165	20MK8815	Cable	245	47
	TG8S-S8007-C1BX	1	Opp	86				23M80248+23M80165	20MK8815	Cable	230	44
	TG8S-S8008-C1BX	1	Opp	105				23M80248+23M80165	20MK8815	Cable	230	44
	TG8S-S8009-C1BX	1	Opp	109				23M80248+23M80165	20MK8815	Cable	205	39
	TG8S-S8012-C1BH	1	Opp	134				23M80248+23M80165	20MK8815	Cable	210	40
	TG8S-S8013-C1BH	1	Opp	153				23M80248+23M80165	20MK8815	Cable	210	40
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

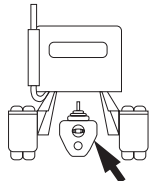



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T37016 – Refer to kit program on pages 10 & 11.

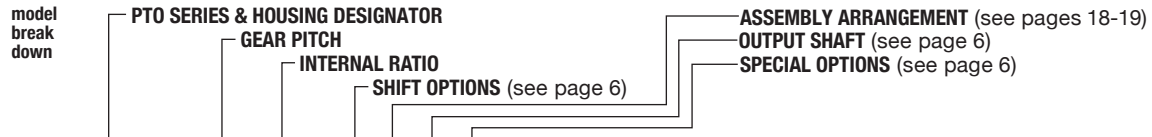
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 32T 6.1P 20° PA 23.1532° R.H. LOCATION: Front PLMF: 1.102 PLV: 764 FPM RPM: 489	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6306-C1BX	1, 2	Opp	43					Included	Cable	245	47
	TG6S-S6307-C1BX	1, 2	Opp	51					Included	Cable	230	44
	TG6S-S6308-C1BX	1, 2	Opp	63					Included	Cable	230	44
	TG6S-S6309-C1BX	1, 2	Opp	65					Included	Cable	205	39
	TG6S-S6312-C1BH	1, 2	Opp	80					Included	Cable	210	40
	TG6S-S6313-C1BH	1, 2	Opp	95					Included	Cable	210	40
	TG6S-S6315-C1BH	1, 2	Opp	103					Included	Cable	195	37
	TG6S-S6318-C1BH	1, 2	Opp	122					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

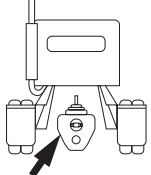



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T38184 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit.

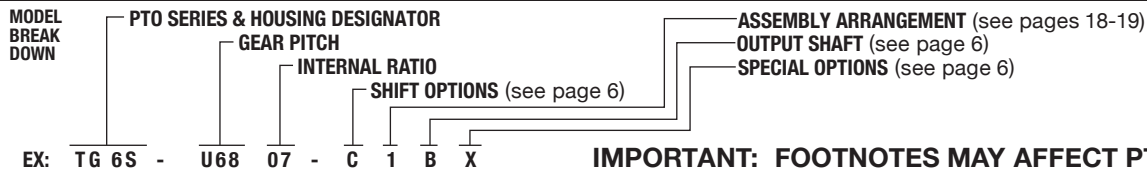
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: inline-block; width: 150px; height: 40px; background-color: #cccccc; margin-left: 100px;"></div> ES46-5A, ES56-5A				SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 32T 6.1P 20° PA 23.1532° R.H. LOCATION: Front PLMF: 1.102 PLV: 764 FPM RPM: 489		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6306-C3BX	1, 2	Opp	43					Included	Cable	245	47
	TG6S-S6307-C3BX	1, 2	Opp	51					Included	Cable	230	44
	TG6S-S6308-C3BX	1, 2	Opp	63					Included	Cable	230	44
	TG6S-S6309-C3BX	1, 2	Opp	65					Included	Cable	205	39
	TG6S-S6312-C3BH	1, 2	Opp	80					Included	Cable	210	40
	TG6S-S6313-C3BH	1, 2	Opp	95					Included	Cable	210	40
	TG6S-S6315-C3BH	1, 2	Opp	103					Included	Cable	195	37
	TG6S-S6318-C3BH	1, 2	Opp	122					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
Adapter No Longer Available.
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

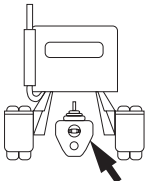



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

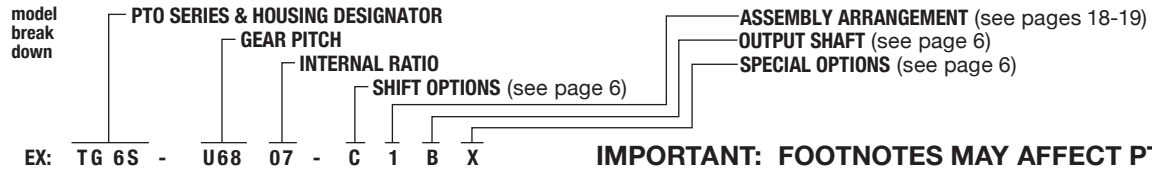
FOOTNOTES:

- 1 TG Series Input Gear: #03T38184 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit or use adapter for pump clearance, note rotation change when using adapter.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		AS56-7B, ES56-7B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 7.00P 22.5°PA 19° R.H. LOCATION: Front PLMF: 1.411 PLV: 652 FPM RPM: 488				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7307-C1BX	1, 2, 3, 4	Opp	43					Included	Cable	230	44
	TG6N-S7308-C1BX	1, 2, 3, 4	Opp	52					Included	Cable	230	44
	TG6N-S7309-C1BX	1, 2, 3, 4	Opp	55					Included	Cable	205	39
	TG6N-S7312-C1BH	1, 2, 3, 4	Opp	67					Included	Cable	210	40
	TG6N-S7313-C1BH	1, 2, 3, 4	Opp	79					Included	Cable	210	40
	TG6N-S7315-C1BH	1, 2, 3, 4	Opp	86					Included	Cable	195	37
	TG6N-S7318-C1BH	1, 2, 3, 4	Opp	102					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7307-E1BX	3, 4	Opp	41					Included	Power	300	57
	CS6N-S7309-E1BX	3, 4	Opp	51					Included	Power	275	52
	CS6N-S7312-E1BX	3, 4	Opp	68					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		5	40TS7368				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

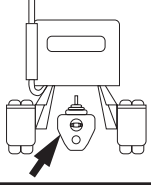

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 This PTO requires a special housing and is not available in standard kit form.
 - 2 TG Series Input Gear: #03T37918 — Refer to kit program on pages 10 & 11.
 - 3 Possible interference with exhaust.
 - 4 Use "3" arrangement PTO for direct mount clearance.
 - 5 When using the 40TS7368 adapter, change PTO to a standard housing (TG6S or CS6) and to U68 input gear (TG #3T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		AS56-7B, ES56-7B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								34T 7.00P 22.5°PA 19° R.H. LOCATION: Front PLMF: 1.411 PLV: 652 FPM RPM: 488				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7307-C3BX	1, 2, 3, 4	Opp	43					Included	Cable	230	44
	TG6N-S7308-C3BX	1, 2, 3, 4	Opp	52					Included	Cable	230	44
	TG6N-S7309-C3BX	1, 2, 3, 4	Opp	55					Included	Cable	205	39
	TG6N-S7312-C3BH	1, 2, 3, 4	Opp	67					Included	Cable	210	40
	TG6N-S7313-C3BH	1, 2, 3, 4	Opp	79					Included	Cable	210	40
	TG6N-S7315-C3BH	1, 2, 3, 4	Opp	86					Included	Cable	195	37
	TG6N-S7318-C3BH	1, 2, 3, 4	Opp	102					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7307-E3BX	3	Opp	41					Included	Power	300	57
	CS6N-S7309-E3BX	3	Opp	51					Included	Power	275	52
	CS6N-S7312-E3BX	3	Opp	68					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		4	40TS7368				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

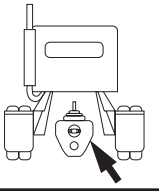



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

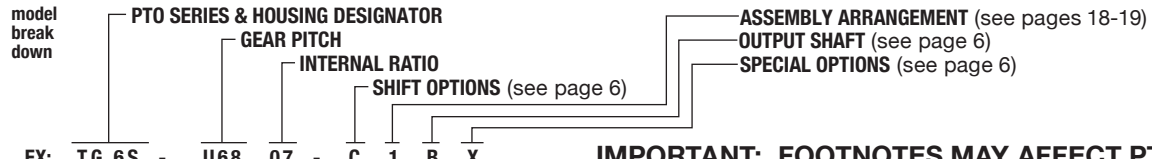
FOOTNOTES:

- This PTO requires a special housing and is not available in standard kit form.
- TG Series Input Gear: #03T37918 — Refer to kit program on pages 10 & 11.
- Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount PKS pumps w/"S" flange on PTO may be mounted towards the front of the vehicle or use adapter listed above, note change in rotation in either case.
- When using the 40TS7368 adapter, change PTO to a standard housing (TG6S or CS6 as shown) and to U68 input gear (TG #3T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		ESO67-7B, ESO77-7B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.411
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7307-C1BX	1, 2, 3, 4	Opp	58					Included	Cable	230	44
	TG6N-S7308-C1BX	1, 2, 3, 4	Opp	71					Included	Cable	230	44
	TG6N-S7309-C1BX	1, 2, 3, 4	Opp	74					Included	Cable	205	39
	TG6N-S7312-C1BH	1, 2, 3, 4	Opp	90					Included	Cable	210	40
	TG6N-S7313-C1BH	1, 2, 3, 4	Opp	107					Included	Cable	210	40
	TG6N-S7315-C1BH	1, 2, 3, 4	Opp	116					Included	Cable	195	37
	TG6N-S7318-C1BH	1, 2, 3, 4	Opp	137					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7307-E1BX	3, 4	Opp	56					Included	Power	300	57
	CS6N-S7309-E1BX	3, 4	Opp	69					Included	Power	275	52
	CS6N-S7312-E1BX	3, 4	Opp	92					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		5	40TS7368				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

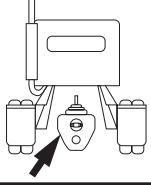



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

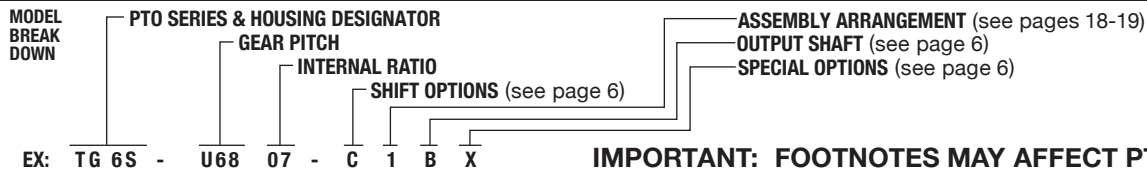
FOOTNOTES:

- This PTO requires a special housing and is not available in standard kit form.
- TG Series Input Gear: #03T37918 — Refer to kit program on pages 10 & 11.
- Possible exhaust interference.
- Use "3" arrangement PTO for direct mount clearance.
- When using the 40TS7368 adapter, change PTO to a standard housing (TG6S or CS6) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiplier shown by 1.15.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
 ESO67-7B, ESO77-7B								SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 7.00P 22.5°PA 19° R.H. LOCATION: Front PLMF: 1.411 PLV: 880 FPM RPM: 658				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7307-C3BX	1, 2, 3	Opp	58					Included	Cable	230	44
	TG6N-S7308-C3BX	1, 2, 3	Opp	71					Included	Cable	230	44
	TG6N-S7309-C3BX	1, 2, 3	Opp	74					Included	Cable	205	39
	TG6N-S7312-C3BH	1, 2, 3	Opp	90					Included	Cable	210	40
	TG6N-S7313-C3BH	1, 2, 3	Opp	107					Included	Cable	210	40
	TG6N-S7315-C3BH	1, 2, 3	Opp	116					Included	Cable	195	37
	TG6N-S7318-C3BH	1, 2, 3	Opp	137					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7307-E3BX	3	Opp	56					Included	Power	300	57
	CS6N-S7309-E3BX	3	Opp	69					Included	Power	275	52
	CS6N-S7312-E3BX	3	Opp	92					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		4	40TS7368				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

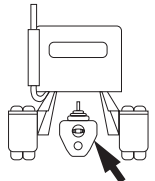



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 This PTO requires a special housing and is not available in standard kit form.
- 2 TG Series Input Gear: #03T37918 – Refer to kit program on pages 10 & 11.
- 3 Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount PKS pumps w/“S” flange on PTO may be mounted towards the front of the vehicle or use adapter listed above, note change in rotation in either case.
- 4 When using the 40TS7368 adapter, change PTO to a standard housing (TG6S or CS6) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6615 to mount to transmission (included with adapter). Multiply speed shown by 1.15

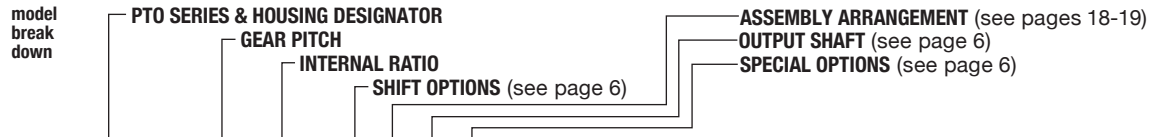
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 34T 6.2P 20°PA 23.1532° R.H. LOCATION: Front PLMF: 1.102 PLV: 764 FPM RPM: 489	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6406-C1BX	1, 2	Opp	48				23M60032S	Included	Cable	245	47
	TG6S-S6407-C1BX	1, 2	Opp	57				23M60032S	Included	Cable	230	44
	TG6S-S6408-C1BX	1, 2	Opp	70				23M60032S	Included	Cable	230	47
	TG6S-S6409-C1BX	1, 2	Opp	73				23M60032S	Included	Cable	205	39
	TG6S-S6412-C1BH	1, 2	Opp	89				23M60032S	Included	Cable	210	40
	TG6S-S6413-C1BH	1, 2	Opp	106				23M60032S	Included	Cable	210	40
	TG6S-S6415-C1BH	1, 2	Opp	115				23M60032S	Included	Cable	195	37
	TG6S-S6418-C1BH	1, 2	Opp	136				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION Adapter No Longer Available. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

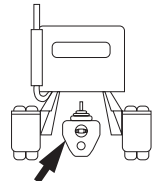



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T38233 — Refer to kit program on pages 10 & 11.
- 2 Possible exhaust interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 ES46-5D, ES56-5D	SAE 6-BOLT OPENING	
	PTO DRIVE GEAR DATA: 34T 6.2P 20°PA 23.1532° R.H. LOCATION: Front PLMF: 1.102 PLV: 764 FPM RPM: 489	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6406-C3BX	1, 2	Opp	48				23M60032S	Included	Cable	245	47
	TG6S-S6407-C3BX	1, 2	Opp	57				23M60032S	Included	Cable	230	44
	TG6S-S6408-C3BX	1, 2	Opp	70				23M60032S	Included	Cable	230	47
	TG6S-S6409-C3BX	1, 2	Opp	73				23M60032S	Included	Cable	205	39
	TG6S-S6412-C3BH	1, 2	Opp	89				23M60032S	Included	Cable	210	40
	TG6S-S6413-C3BH	1, 2	Opp	106				23M60032S	Included	Cable	210	40
	TG6S-S6415-C3BH	1, 2	Opp	115				23M60032S	Included	Cable	195	37
	TG6S-S6418-C3BH	1, 2	Opp	136				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION Adapter No Longer Available. REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

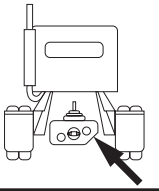



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

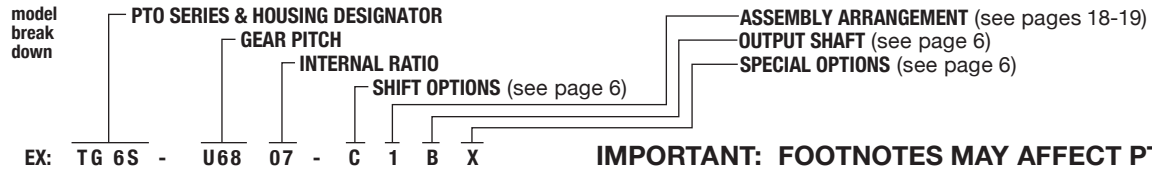
FOOTNOTES:

- 1 TG Series Input Gear: #03T38233 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		PSDO165-18A, PSDO185-18A, PSDO205-18A Footnote (2)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 52T 6P 20°PA Spur LOCATION: Rear PLMF: 1.229 PLV: 1588 FPM RPM: 700				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6804-C2BX	1	Opp	51				23M60032S	Included	Cable	285	54
	TG6D-S6805-C2BX	1	Opp	66				23M60032S	Included	Cable	270	51
	TG6D-S6806-C2BX	1	Opp	86				23M60032S	Included	Cable	245	47
	TG6D-S6807-C2BX	1	Opp	101				23M60032S	Included	Cable	230	44
	TG6D-S6808-C2BX	1	Opp	124				23M60032S	Included	Cable	230	44
	TG6D-S6809-C2BX	1	Opp	129				23M60032S	Included	Cable	205	39
	TG6D-S6812-C2BH	1	Opp	158				23M60032S	Included	Cable	210	40
	TG6D-S6813-C2BH	1	Opp	180				23M60032S	Included	Cable	210	40
	TG6D-S6815-C2BH	1	Opp	203				23M60032S	Included	Cable	195	37
	TG6D-S6818-C2BH	1	Opp	241				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	4	Opp	83		83		23M60032S	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6800 + 23M61500 + 23M60300 + 20MK6629 Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

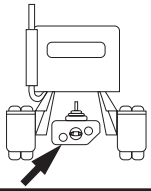



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

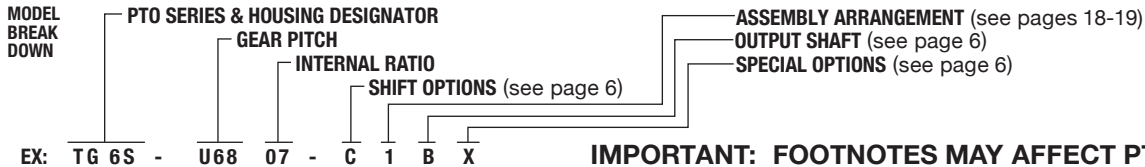
FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Speed shown with "Splitter" in "Hi" range. Multiply speeds shown by .81 when "Splitter" is in "Lo".
- 3 Change TG Series to U68 (#03T34284). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION (SPICER)								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		PSDO165-18A, PSDO185-18A, PSDO205-18A Footnote (2)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 52T 6P 20°PA Spur LOCATION: Front PLMF: .929 PLV: 1588 FPM RPM: 700				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8D-S6804-C1BX	1	Opp	51				23M80062	20MK8815	Cable	285	54
	TG8D-S6805-C1BX	1	Opp	66				23M80062	20MK8815	Cable	270	51
	TG8D-S6806-C1BX	1	Opp	86				23M80062	20MK8815	Cable	245	47
	TG8D-S6807-C1BX	1	Opp	101				23M80062	20MK8815	Cable	230	44
	TG8D-S6808-C1BX	1	Opp	124				23M80062	20MK8815	Cable	230	44
	TG8D-S6809-C1BX	1	Opp	129				23M80062	20MK8815	Cable	205	39
	TG8D-S6812-C1BH	1	Opp	158				23M80062	20MK8815	Cable	210	40
	TG8D-S6813-C1BH	1	Opp	180				23M80062	20MK8815	Cable	210	40
	TG8D-S6815-C1BH	1	Opp	203				23M80062	20MK8815	Cable	195	37
	TG8D-S6818-C1BH	1	Opp	241				23M80062	20MK8815	Cable	175	33
SH SERIES	SH8D-S6807-E1BX		Opp	98				23M80062	20MK8815	Elec/Air	400	76
	SH8D-S6809-E1BX		Opp	121				23M80062	20MK8815	Elec/Air	375	71
	SH8D-S6812-E1BX		Opp	161				23M80062	20MK8815	Elec/Air	325	62
	SH8D-S6813-E1BX		Opp	187				23M80062	20MK8815	Elec/Air	325	62
CLUTCH SHIFT	CS8D-S6807-E1BX		Opp	98				23M80062	20MK8815	Power	300	57
	CS8D-S6809-E1BX		Opp	121				23M80062	20MK8815	Power	275	52
	CS8D-S6812-E1BX		Opp	161				23M80062	20MK8815	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	83		83	29MK8248	23M80062	20MK8815	Lever	200	38
ADAPTER TO CHANGE ROTATION									REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


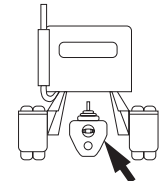


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Speed shown with "Splitter" in "Hi" range. Multiply speeds shown by .81 when "Splitter" is in "Lo".
- 3 Do not use for continuous duty applications.

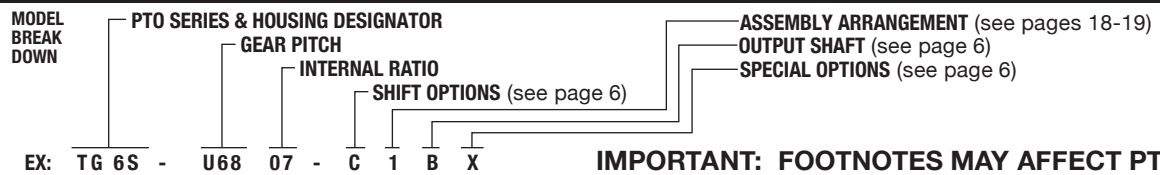
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	TREMEC TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
199A, 199F		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 36T 8.19P 20° PA 29.9° R.H. LOCATION: Rear PLMF: 1.120 PLV: 526 FPM RPM: 396	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-T8207-C2BX	1	Opp	37					Included	Cable	230	44
	TG6S-T8208-C2BX	1	Opp	45					Included	Cable	230	44
	TG6S-T8209-C2BX	1	Opp	47					Included	Cable	205	39
	TG6S-T8212-C2BH	1	Opp	58					Included	Cable	210	40
	TG6S-T8213-C2BH	1	Opp	66					Included	Cable	210	40
	TG6S-T8215-C2BH	1	Opp	74					Included	Cable	195	37
	TG6S-T8218-C2BH	1	Opp	88					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

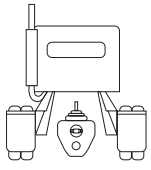



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T35650 — Refer to kit program on pages 10 & 11.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">199A, 199F</div> </div>						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


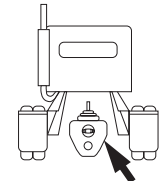
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

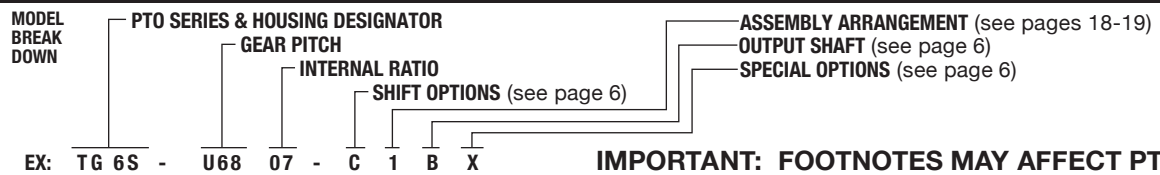
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	TREMEC TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
TR4040, TR4050		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 32T 8.1P 20° PA 29.47° R.H. LOCATION: Front PLMF: 1.120 PLV: 667 FPM RPM: 562	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-T8107-C1BX	1	Opp	45					Included	Cable	230	44
	TG6S-T8108-C1BX	1	Opp	55					Included	Cable	230	44
	TG6S-T8109-C1BX	1	Opp	57					Included	Cable	205	39
	TG6S-T8112-C1BH	1	Opp	70					Included	Cable	210	40
	TG6S-T8113-C1BH	1	Opp	83					Included	Cable	210	40
	TG6S-T8115-C1BH	1	Opp	90					Included	Cable	195	37
	TG6S-T8118-C1BH	1	Opp	107					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

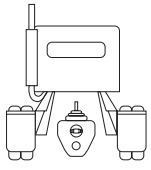



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T38546 – Refer to kit program on pages 10 & 11.

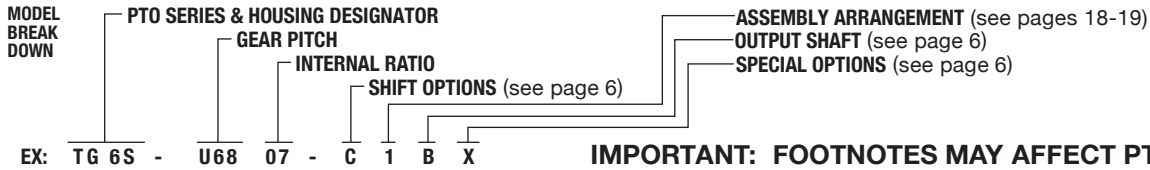
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> <div style="border: 1px solid black; padding: 5px;">TR4040, TR4050</div> </div>						NO OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

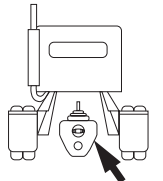

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

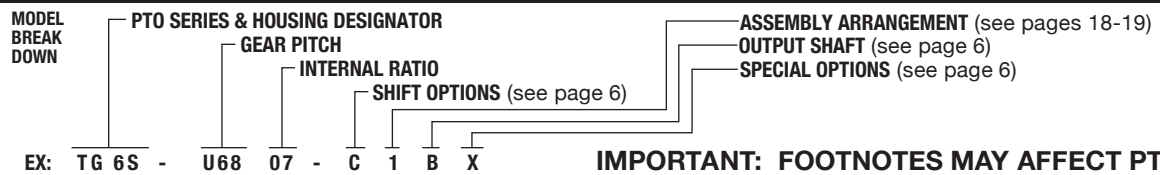
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 32T 6.1P 20° PA 23.1532° R.H. LOCATION: Front PLMF: 1.102 PLV: 764 FPM RPM: 489	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6306-C1BX	1, 2	Opp	43					Included	Cable	245	47
	TG6S-S6307-C1BX	1, 2	Opp	51					Included	Cable	230	44
	TG6S-S6308-C1BX	1, 2	Opp	63					Included	Cable	230	44
	TG6S-S6309-C1BX	1, 2	Opp	65					Included	Cable	205	39
	TG6S-S6312-C1BH	1, 2	Opp	80					Included	Cable	210	40
	TG6S-S6313-C1BH	1, 2	Opp	95					Included	Cable	210	40
	TG6S-S6315-C1BH	1, 2	Opp	103					Included	Cable	195	37
	TG6S-S6318-C1BH	1, 2	Opp	122					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

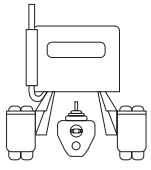



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

FOOTNOTES:

- 1 TG Series Input Gear: #03T38184 — Refer to kit program on pages 10 & 11.
- 2 Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit.

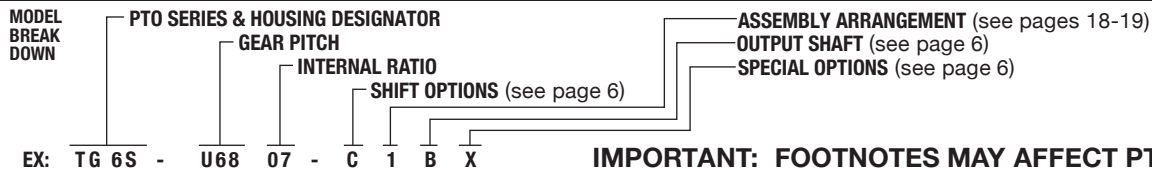
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 TR-S46-5A, TR-S56-5A							SAE 6-BOLT OPENING		
							PTO DRIVE GEAR DATA: 32T 6.1P 20° PA 23.1532° R.H. LOCATION: Front PLMF: 1.102 PLV: 764 FPM RPM: 489		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6306-C3BX	1, 2	Opp	43					Included	Cable	245	47
	TG6S-S6307-C3BX	1, 2	Opp	51					Included	Cable	230	44
	TG6S-S6308-C3BX	1, 2	Opp	63					Included	Cable	230	44
	TG6S-S6309-C3BX	1, 2	Opp	65					Included	Cable	205	39
	TG6S-S6312-C3BH	1, 2	Opp	80					Included	Cable	210	40
	TG6S-S6313-C3BH	1, 2	Opp	95					Included	Cable	210	40
	TG6S-S6315-C3BH	1, 2	Opp	103					Included	Cable	195	37
TG6S-S6318-C3BH	1, 2	Opp	122					Included	Cable	175	33	
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


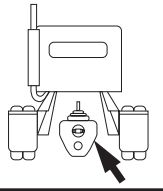


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- TG Series Input Gear: #03T38184 — Refer to kit program on pages 10 & 11.
- Direct mount pump interferes with transmission case. Use of a "1" assembly PTO with PK Series and "A" pilot will fit or use adapter for pump clearance, note rotation change when using adapter.

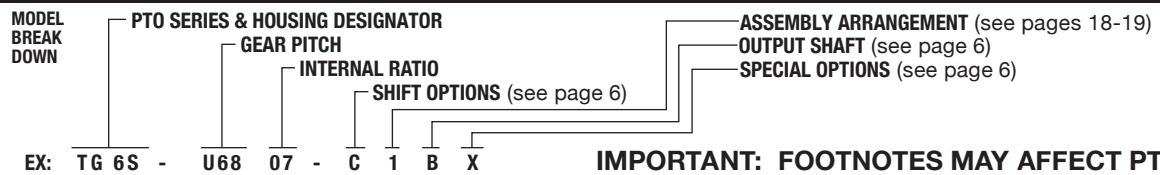
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	TREMEC TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
TR-S62-5A, TR-S67-5A		SAE 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 41T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .470 PLV: 850 FPM RPM: 490	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S7006-C1BX	1	Opp	51				23M80295+23M80062	20MK8815	Cable	245	47
	TG8S-S7007-C1BX	1	Opp	61				23M80295+23M80062	20MK8815	Cable	230	44
	TG8S-S7008-C1BX	1	Opp	74				23M80295+23M80062	20MK8815	Cable	230	44
	TG8S-S7009-C1BX	1	Opp	77				23M80295+23M80062	20MK8815	Cable	205	39
	TG8S-S7012-C1BH	1	Opp	95				23M80295+23M80062	20MK8815	Cable	210	40
	TG8S-S7013-C1BH	1	Opp	108				23M80295+23M80062	20MK8815	Cable	210	40
	TG8S-S7015-C1BH	1	Opp	121				23M80295+23M80062	20MK8815	Cable	195	37
	TG8S-S7018-C1BH	1	Opp	144				23M80295+23M80062	20MK8815	Cable	175	33
SH SERIES	SH8S-S7009-E1BX		Opp	72				23M80248+23M80062	20MK8815	Elec/Air	375	71
CLUTCH SHIFT	CS8S-S7009-E1BX		Opp	72				23M80248+23M80062	20MK8815	Power	375	52
1 FWD. 1 REV.	RL8S-S7005-L3BX	2	Opp	44		44		23M80248 + 23M80062	20MK8815	Lever	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-S7010-L1CX		Opp	57				23M80248+23M80062	20MK8817	Lever	410	78
	828S-S7013-L1CX		Opp	77				23M80248+23M80062	20MK8817	Lever	375	71
1 FWD. 1 REV.												


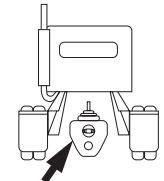


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

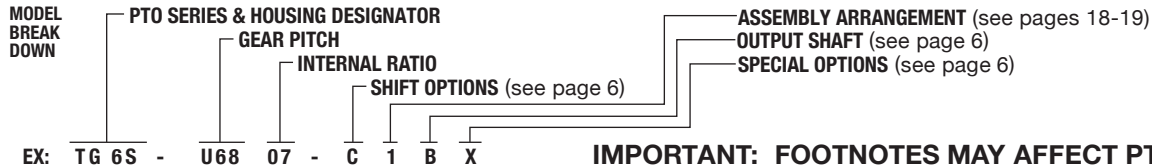
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	TREMEC TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
TR-S62-5A, TR-S67-5A		SAE 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 41T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .722 PLV: 850 FPM RPM: 490	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S7006-C3BX	1	Opp	51				23M60350	20MK6604	Cable	245	47
	TG6S-S7007-C3BX	1	Opp	61				23M60350	20MK6604	Cable	230	44
	TG6S-S7008-C3BX	1	Opp	74				23M60350	20MK6604	Cable	230	44
	TG6S-S7009-C3BX	1	Opp	77				23M60350	20MK6604	Cable	205	39
	TG6S-S7012-C3BH	1	Opp	95				23M60350	20MK6604	Cable	210	40
	TG6S-S7013-C3BH	1	Opp	108				23M60350	20MK6604	Cable	210	40
	TG6S-S7015-C3BH	1	Opp	121				23M60350	20MK6604	Cable	195	37
	TG6S-S7018-C3BH	1	Opp	144				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-S7009-E3BX		Opp	72				23M60350	20TK4434	Elec/Air	375	71
CLUTCH SHIFT	CS6S-S7009-E3BX		Opp	72				23M60350	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-S7005-L3BX	2	Opp	44		44		23M60300+23M60300	20MK6607	LEVER	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												


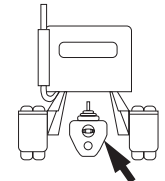


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

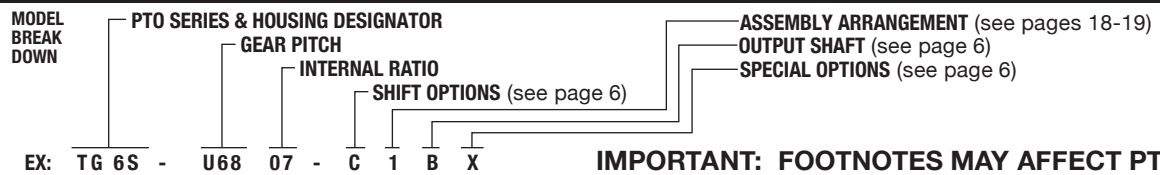
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	TREMEC TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
TR-S62-5D, TR-S67-5D		SAE 8-BOLT OPENING	
		PTO DRIVE GEAR DATA: 43T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .290 PLV: 894 FPM RPM: 491	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S7005-C1BX	1	Opp	41				23M80500	20MK8817	Cable	270	51
	TG8S-S7006-C1BX	1	Opp	54				23M80500	20MK8817	Cable	245	47
	TG8S-S7007-C1BX	1	Opp	63				23M80500	20MK8817	Cable	230	44
	TG8S-S7008-C1BX	1	Opp	78				23M80500	20MK8817	Cable	230	44
	TG8S-S7009-C1BX	1	Opp	81				23M80500	20MK8817	Cable	205	39
	TG8S-S7012-C1BH	1	Opp	99				23M80500	20MK8817	Cable	210	40
	TG8S-S7013-C1BH	1	Opp	113				23M80500	20MK8817	Cable	210	40
	TG8S-S7015-C1BH	1	Opp	128				23M80500	20MK8817	Cable	195	37
	TG8S-S7018-C1BH	1	Opp	151				23M80500	20MK8817	Cable	175	33
SH SERIES	SH8S-S7009-E1BX		Opp	76				23M80500	20MK8817	Elec/Air	375	71
CLUTCH SHIFT												
1 FWD. 1 REV.	RL8S-S7005-L3BX	2	Opp	46		46		23M80500	20MK8817	Lever	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-S7010-L1CX		Opp	61				23M80500	20MK8816	Lever	410	78
	828S-S7013-L1CX		Opp	80				23M80500	20MK8816	Lever	375	71
1 FWD. 1 REV.												

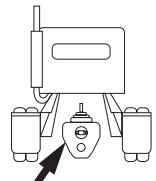



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 TR-S62-5D, TR-S67-5D				SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 43T 7P 17.5°PA 28°4'23" R.H. LOCATION: Front PLMF: .560 PLV: 894 FPM RPM: 491		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S7005-C3BX	1	Opp	41				23M60500	20MK6605	Cable	270	51
	TG6S-S7006-C3BX	1	Opp	54				23M60500	20MK6605	Cable	245	47
	TG6S-S7007-C3BX	1	Opp	63				23M60500	20MK6605	Cable	230	44
	TG6S-S7008-C3BX	1	Opp	78				23M60500	20MK6605	Cable	230	44
	TG6S-S7009-C3BX	1	Opp	81				23M60500	20MK6605	Cable	205	39
	TG6S-S7012-C3BH	1	Opp	99				23M60500	20MK6605	Cable	210	40
	TG6S-S7013-C3BH	1	Opp	113				23M60500	20MK6605	Cable	210	40
	TG6S-S7015-C3BH	1	Opp	128				23M60500	20MK6605	Cable	195	37
	TG6S-S7018-C3BH	1	Opp	151				23M60500	20MK6605	Cable	175	33
SH SERIES	SH6S-S7009-E3BX		Opp	76				23M60500	20TK4435	Elec/Air	375	71
CLUTCH SHIFT	CS6S-S7009-E3BX		Opp	76				23M60500	20TK4435	Power	275	52
1 FWD. 1 REV.	RL6D-S7005-L3BX	2	Opp	46		46		23M60550+23M60187S	20MK6607	Lever	200	38

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

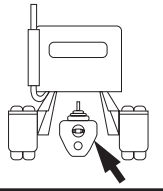



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

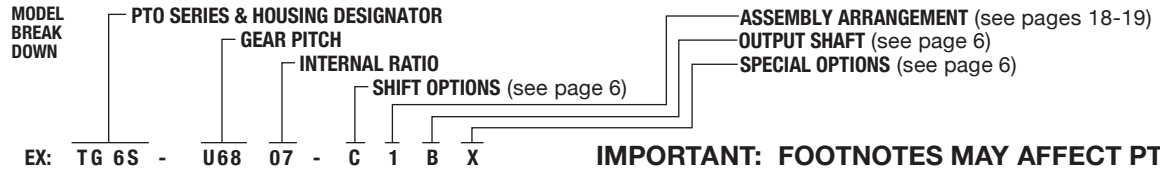
FOOTNOTES:

- 1 TG Series Input Gear: #03T34287 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TR-S70-5A						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 40T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: -.025 PLV: 1015 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6005-C1BX	1	Opp	47				23M80500+23M80295	20MK8816	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	61				23M80500+23M80295	20MK8816	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	72				23M80500+23M80295	20MK8816	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	88				23M80500+23M80295	20MK8816	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	92				23M80500+23M80295	20MK8816	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	113				23M80500+23M80295	20MK8816	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	129				23M80500+23M80295	20MK8816	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	145				23M80500+23M80295	20MK8816	Cable	195	37
TG8S-S6018-C1BH	1	Opp	172				23M80500+23M80295	20MK8816	Cable	175	33	
SH SERIES	SH8S-S6007-E1BX		Opp	69				23M80500+23M80248	20MK8816	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	69				23M80500+23M80248	20MK8816	Power	300	57
1 FWD. 1 REV.	RL8S-S6005-L3BX	2	Opp	55		55		23M80500+23M80295	20MK8816	Lever	200	38
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

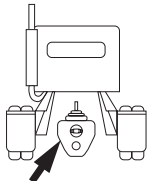



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

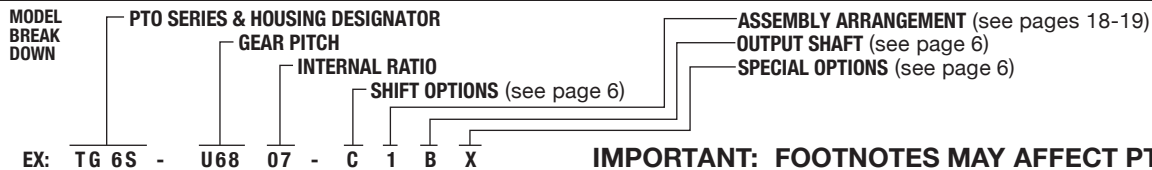
FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		TR-S70-5A						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 40T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .809 PLV: 1015 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6005-C3BX	1	Opp	47				23M60270	20MK6604	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	61				23M60270	20MK6604	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	72				23M60270	20MK6604	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	88				23M60270	20MK6604	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	92				23M60270	20MK6604	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	113				23M60270	20MK6604	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	129				23M60270	20MK6604	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	145				23M60270	20MK6604	Cable	195	37
TG6S-S6018-C3BH	1	Opp	172				23M60270	20MK6604	Cable	175	33	
SH SERIES	SH6S-S6007-E3BX		Opp	69				23M60187S	20TK4433	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	69				23M60187S	20TK4433	Power	300	57
1 FWD. 1 REV.	RL6D-S6005-L3BX	2	Opp	55		55		23M60400	20MK6604	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

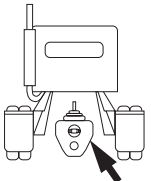



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

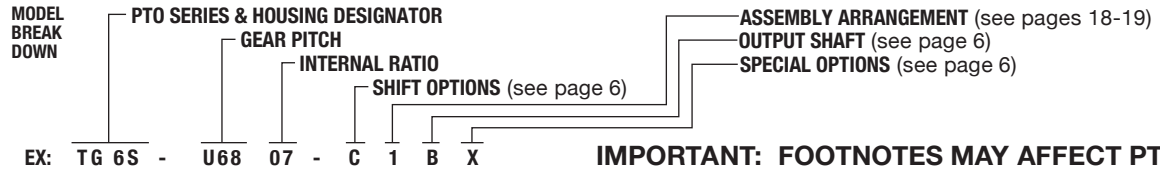
FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TR-S70-5D						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 42T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: -.211 PLV: 1067 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-S6005-C1BX	1	Opp	49				(2) 23M80500	20MK8807	Cable	270	51
	TG8S-S6006-C1BX	1	Opp	63				(2) 23M80500	20MK8807	Cable	245	47
	TG8S-S6007-C1BX	1	Opp	75				(2) 23M80500	20MK8807	Cable	230	44
	TG8S-S6008-C1BX	1	Opp	93				(2) 23M80500	20MK8807	Cable	230	44
	TG8S-S6009-C1BX	1	Opp	97				(2) 23M80500	20MK8807	Cable	205	39
	TG8S-S6012-C1BH	1	Opp	119				(2) 23M80500	20MK8807	Cable	210	40
	TG8S-S6013-C1BH	1	Opp	136				(2) 23M80500	20MK8807	Cable	210	40
	TG8S-S6015-C1BH	1	Opp	153				(2) 23M80500	20MK8807	Cable	195	37
TG8S-S6018-C1BH	1	Opp	181				(2) 23M80500	20MK8807	Cable	175	33	
SH SERIES	SH8S-S6007-E1BX		Opp	72				(2) 23M80500	20MK8807	Elec/Air	400	76
CLUTCH SHIFT	CS8S-S6007-E1BX		Opp	72				(2) 23M80500	20MK8807	Power	300	57
1 FWD. 1 REV.	RL8S-S6005-L3BX	2	Opp	58		58		(2) 23M80500	20MK8807	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

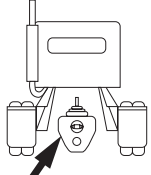



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

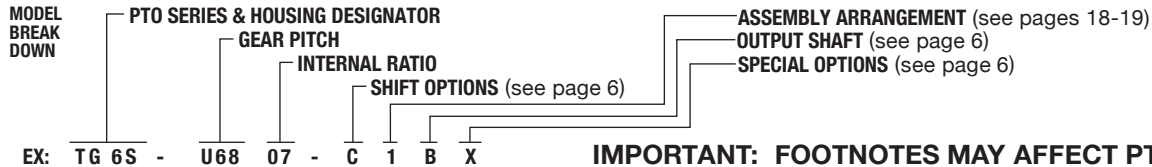
FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		TR-S70-5D						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 42T 6P 17.5°PA 26°10'37" R.H. LOCATION: Front PLMF: .623 PLV: 1067 FPM RPM: 522				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-S6005-C3BX	1	Opp	49				23M60450	20MK6605	Cable	270	51
	TG6S-S6006-C3BX	1	Opp	63				23M60450	20MK6605	Cable	245	47
	TG6S-S6007-C3BX	1	Opp	75				23M60450	20MK6605	Cable	230	44
	TG6S-S6008-C3BX	1	Opp	93				23M60450	20MK6605	Cable	230	44
	TG6S-S6009-C3BX	1	Opp	97				23M60450	20MK6605	Cable	205	39
	TG6S-S6012-C3BH	1	Opp	119				23M60450	20MK6605	Cable	210	40
	TG6S-S6013-C3BH	1	Opp	136				23M60450	20MK6605	Cable	210	40
	TG6S-S6015-C3BH	1	Opp	153				23M60450	20MK6605	Cable	195	37
	TG6S-S6018-C3BH	1	Opp	181				23M60450	20MK6605	Cable	175	33
SH SERIES	SH8S-S6007-E3BX		Opp	72				23M60350	20TK4435	Elec/Air	400	76
CLUTCH SHIFT	CS6S-S6007-E3BX		Opp	72				23M60350	20TK4435	Power	300	57
1 FWD. 1 REV.	RL6D-S6005-L3BX	2	Opp	58		58		23M60300+23M60300	20MK6607	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

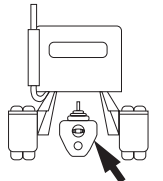



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34286 — Refer to kit program on pages 10 & 11.
- 2 Do not use for continuous duty applications.

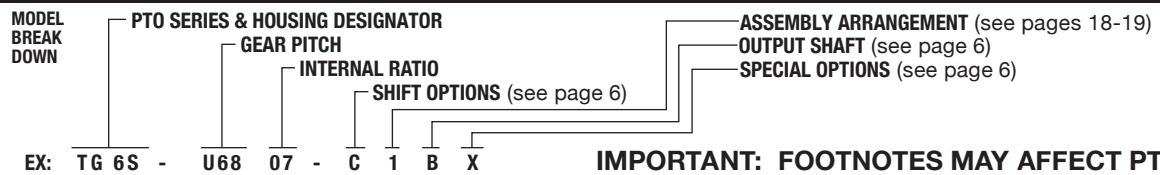
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 34T 7.00P 22.5°PA 19° R.H. LOCATION: Front PLMF: 1.411 PLV: 652 FPM RPM: 488	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7307-C1BX	1, 2, 3, 4	Opp	43					Included	Cable	230	44
	TG6N-S7308-C1BX	1, 2, 3, 4	Opp	52					Included	Cable	230	44
	TG6N-S7309-C1BX	1, 2, 3, 4	Opp	55					Included	Cable	205	39
	TG6N-S7312-C1BH	1, 2, 3, 4	Opp	67					Included	Cable	210	40
	TG6N-S7313-C1BH	1, 2, 3, 4	Opp	79					Included	Cable	210	40
	TG6N-S7315-C1BH	1, 2, 3, 4	Opp	86					Included	Cable	195	37
	TG6N-S7318-C1BH	1, 2, 3, 4	Opp	102					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7307-E1BX	3, 4	Opp	41					Included	Power	300	57
	CS6N-S7309-E1BX	3, 4	Opp	51					Included	Power	275	52
	CS6N-S7312-E1BX	3, 4	Opp	68					Included	Power	275	52
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 5 40TS7368 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

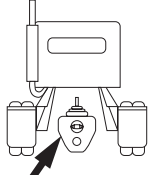

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 This PTO requires a special housing and is not available in standard kit form.
 - 2 TG Series Input Gear: #03T37918 — Refer to kit program on pages 10 & 11.
 - 3 Possible interference with exhaust.
 - 4 Use "3" arrangement PTO for direct mount clearance.
 - 5 When using the 40TS7368 adapter, change PTO to a standard housing (TG6S or CS6) and to U68 input gear (TG #3T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		TR-S56-7B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF: 1.411
								34T 7.00P 22.5°PA 19° R.H. LOCATION: Front PLMF: 1.411 PLV: 652 FPM RPM: 488				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7307-C3BX	1, 2, 3, 4	Opp	43					Included	Cable	230	44
	TG6N-S7308-C3BX	1, 2, 3, 4	Opp	52					Included	Cable	230	44
	TG6N-S7309-C3BX	1, 2, 3, 4	Opp	55					Included	Cable	205	39
	TG6N-S7312-C3BH	1, 2, 3, 4	Opp	67					Included	Cable	210	40
	TG6N-S7313-C3BH	1, 2, 3, 4	Opp	79					Included	Cable	210	40
	TG6N-S7315-C3BH	1, 2, 3, 4	Opp	86					Included	Cable	195	37
	TG6N-S7318-C3BH	1, 2, 3, 4	Opp	102					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT	CS6N-S7307-E3BX	3	Opp	41					Included	Power	300	57
	CS6N-S7309-E3BX	3	Opp	51					Included	Power	275	52
	CS6N-S7312-E3BX	3	Opp	68					Included	Power	275	52
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		4	40TS7368					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

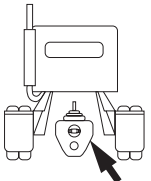



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

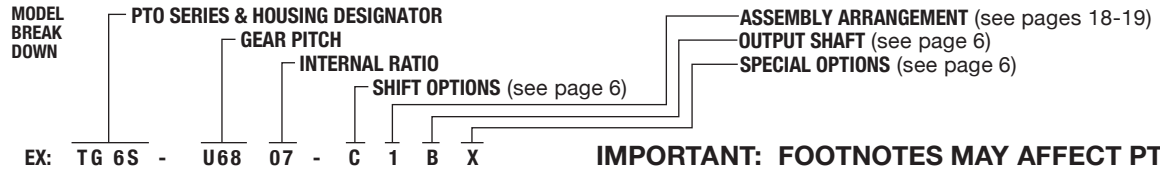
FOOTNOTES:

- 1 This PTO requires a special housing and is not available in standard kit form.
- 2 TG Series Input Gear: #03T37918 – Refer to kit program on pages 10 & 11.
- 3 Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount PKS pumps w/“S” flange on PTO may be mounted towards the front of the vehicle or use adapter listed above, note change in rotation in either case.
- 4 When using the 40TS7368 adapter, change PTO to a standard housing (TG6S or CS6 as shown) and to U68 input gear (TG #3T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		TR7070, TR-SO66-7B Footnote (3)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 34T 7.00P 17.5°PA 18° R.H. LOCATION: Front PLMF: 1.411 PLV: 880 FPM RPM: 658				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7106-C1BX	1, 2, 4	Opp	47					Included	Cable	245	47
	TG6N-S7107-C1BX	1, 2, 4	Opp	56					Included	Cable	230	44
	TG6N-S7108-C1BX	1, 2, 4	Opp	68					Included	Cable	230	44
	TG6N-S7109-C1BX	1, 2, 4	Opp	71					Included	Cable	205	39
	TG6N-S7112-C1BH	1, 2, 4	Opp	87					Included	Cable	210	40
	TG6N-S7113-C1BH	1, 2, 4	Opp	99					Included	Cable	210	40
	TG6N-S7115-C1BH	1, 2, 4	Opp	112					Included	Cable	195	37
	TG6N-S7118-C1BH	1, 2, 4	Opp	133					Included	Cable	175	33
SH SERIES	SH6N-S7107-E1BX	4	Opp	53					Included	Elec/Air	400	76
	SH6N-S7109-E1BX	4	Opp	66					Included	Elec/Air	375	71
	SH6S-U6809-E1BX		Crnk	78			40TS7168		Included	Elec/Air	375	71
	SH6S-U6812-E1BX		Crnk	103			40TS7168		Included	Elec/Air	325	62
CLUTCH SHIFT	CS6N-S7107-E1BX	4	Opp	53					Included	Power	300	57
	CS6N-S7109-E1BX	4	Opp	66					Included	Power	275	52
	CS6S-U6809-E1BX		Crnk	78			40TS7168		Included	Power	275	52
	CS6S-U6812-E1BX		Crnk	103			40TS7168		Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	6	Crnk	49		49	40TS7168	23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		5	40TS7168					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

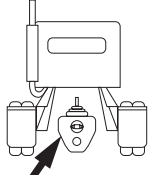



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

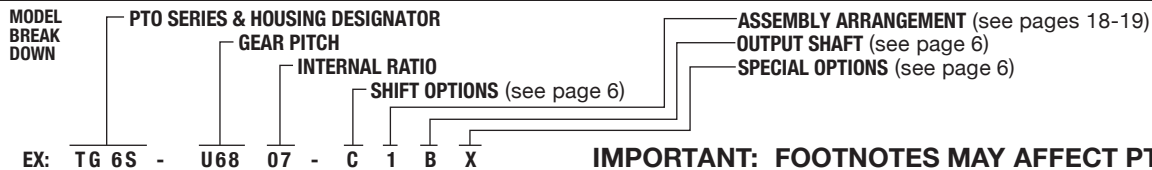
- 1 This PTO requires a Special Housing and is not available in standard kit form.
- 2 TG Series Input Gear: #03T35540 – Refer to kit program on pages 10 & 11.
- 3 Possible exhaust interference.
- 4 Use "3" arrangement PTO for direct mount pump clearance.
- 5 Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.
- 6 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 TR-7070, TR-SO66-7B						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 34T 7.00P 17.5°PA 18° R.H. LOCATION: Front PLMF: 1.411 PLV: 880 FPM RPM: 658		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6N-S7106-C3BX	1, 2, 3	Opp	47					Included	Cable	245	47
	TG6N-S7107-C3BX	1, 2, 3	Opp	56					Included	Cable	230	44
	TG6N-S7108-C3BX	1, 2, 3	Opp	68					Included	Cable	230	44
	TG6N-S7109-C3BX	1, 2, 3	Opp	71					Included	Cable	205	39
	TG6N-S7112-C3BH	1, 2, 3	Opp	87					Included	Cable	210	40
	TG6N-S7113-C3BH	1, 2, 3	Opp	99					Included	Cable	210	40
	TG6N-S7115-C3BH	1, 2, 3	Opp	112					Included	Cable	195	37
	TG6N-S7118-C3BH	1, 2, 3	Opp	133					Included	Cable	175	33
SH SERIES	SH6N-S7107-E3BX	3	Opp	53					Included	Elec/Air	400	76
	SH6N-S7109-E3BX	3	Opp	66					Included	Elec/Air	375	71
	SH6S-U6809-E3BX		Crnk	78			40TS7168		Included	Elec/Air	375	71
	SH6S-U6812-E3BX		Crnk	103			40TS7168		Included	Elec/Air	325	62
CLUTCH SHIFT	CS6N-S7107-E3BX	3	Opp	53					Included	Power	300	57
	CS6N-S7109-E3BX	3	Opp	66					Included	Power	275	52
	CS6S-U6809-E3BX		Crnk	78			40TS7168		Included	Power	275	52
	CS6S-U6812-E3BX		Crnk	103			40TS7168		Included	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	5	Crnk	49		49	40TS7168	23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION		4	40TS7168					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

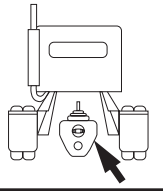



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

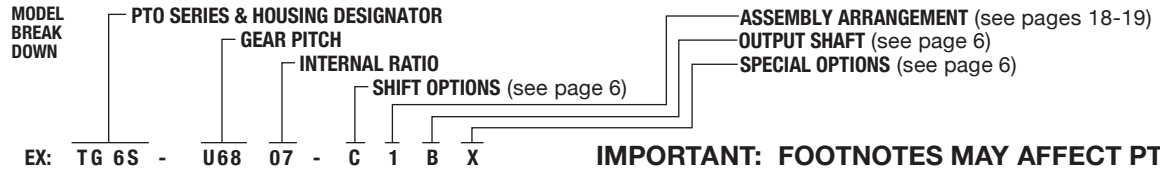
FOOTNOTES:

- This PTO requires a Special Housing and is not available in standard kit form.
- TG Series Input Gear: #03T35540 — Refer to kit program on pages 10 & 11.
- Direct mount pump interferes with transmission flange at the rear of the PTO opening. Shaft high arrangement interferes with a bulge in the case. Direct mount pumps may be mounted towards the front of the vehicle.
- Change PTO to Standard housing (TG6S and CS6S) and to U68 input gear (TG #03T34284). Adapter requires 23M61000 + 23M60350 + 20MK6613 to mount to transmission (included with adapter). Multiply speed shown by 1.15.
- Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY BOTTOM OPENING TURN PAGE)				
		TR-T110-7B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								56T 6P 20°PA Spur	PLMF: .668			
								LOCATION: Front	RPM: 348			
								PLV: 850 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6806-C1BM	1, 2, 4	Opp	50				23M60350	20MK6604	Cable	245	47
	TG6S-X6807-C1BM	1, 2, 4	Opp	59				23M60350	20MK6604	Cable	230	44
	TG6S-X6808-C1BM	1, 2, 4	Opp	72				23M60350	20MK6604	Cable	230	44
	TG6S-X6809-C1BM	1, 2, 4	Opp	75				23M60350	20MK6604	Cable	205	39
	TG6S-X6812-C1BQ	1, 2, 4	Opp	92				23M60350	20MK6604	Cable	210	40
	TG6S-X6813-C1BQ	1, 2, 4	Opp	105				23M60350	20MK6604	Cable	210	40
	TG6S-X6815-C1BQ	1, 2, 4	Opp	118				23M60350	20MK6604	Cable	195	37
	TG6S-X6818-C1BQ	1, 2, 4	Opp	140				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	4	Opp	56				23M60350	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	70				23M60350	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	93				23M60350	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	4	Opp	56				23M60350	20TK4434	Power	300	57
	CS6S-U6809-E1BX	4	Opp	70				23M60350	20TK4434	Power	275	52
	CS6S-U6812-E1BX	4	Opp	93				23M60350	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	44		44		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

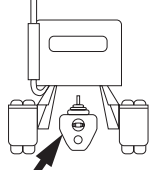

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



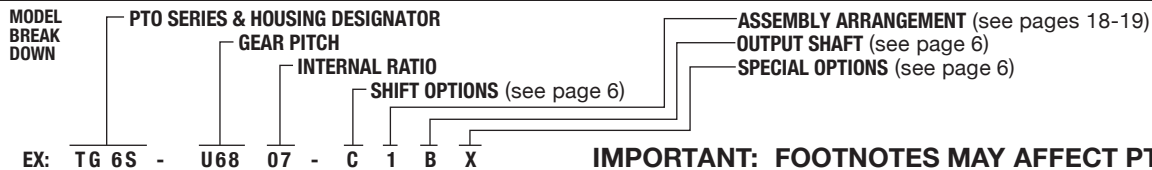
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
 - 3 Do not use for continuous duty applications.
 - 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TR-T110-7B						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								56T 6P 20°PA Spur	PLMF: .668			
								LOCATION: Front	RPM: 348			
								PLV: 850 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6806-C1BM	1, 2, 4	Opp	50				23M60350	20MK6604	Cable	245	47
	TG6S-X6807-C1BM	1, 2, 4	Opp	59				23M60350	20MK6604	Cable	230	44
	TG6S-X6808-C1BM	1, 2, 4	Opp	72				23M60350	20MK6604	Cable	230	44
	TG6S-X6809-C1BM	1, 2, 4	Opp	75				23M60350	20MK6604	Cable	205	39
	TG6S-X6812-C1BQ	1, 2, 4	Opp	92				23M60350	20MK6604	Cable	210	40
	TG6S-X6813-C1BQ	1, 2, 4	Opp	105				23M60350	20MK6604	Cable	210	40
	TG6S-X6815-C1BQ	1, 2, 4	Opp	118				23M60350	20MK6604	Cable	195	37
	TG6S-X6818-C1BQ	1, 2, 4	Opp	140				23M60350	20MK6604	Cable	175	33
SH SERIES	SH6S-U6807-E1BX	4	Opp	56				23M60350	20TK4434	Elec/Air	400	76
	SH6S-U6809-E1BX	4	Opp	70				23M60350	20TK4434	Elec/Air	375	71
	SH6S-U6812-E1BX	4	Opp	93				23M60350	20TK4434	Elec/Air	325	62
CLUTCH SHIFT	CS6S-U6807-E1BX	4	Opp	56				23M60350	20TK4434	Power	300	57
	CS6S-U6809-E1BX	4	Opp	70				23M60350	20TK4434	Power	275	52
	CS6S-U6812-E1BX	4	Opp	93				23M60350	20TK4434	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	44		44		23M60500	20MK6605	Lever	200	38
ADAPTER TO CHANGE ROTATION								REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

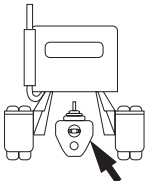



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

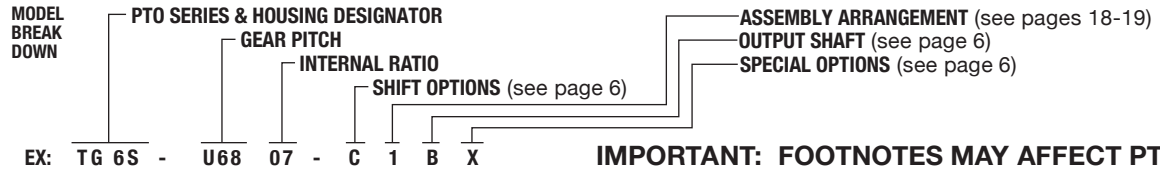
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 Do not use for continuous duty applications.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and change stud kit to 20MK6606.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		TR-T110-7A, TR-T145-7A						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				PLMF:	RPM:
43T 5P 20°PA Spur LOCATION: Front PLV: 948 FPM								.990	420			
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U5705-C1BM	1, 2	Opp	42					Included	Cable	270	51
	TG6S-U5706-C1BM	1, 2	Opp	55					Included	Cable	245	47
	TG6S-U5707-C1BM	1, 2	Opp	65					Included	Cable	230	44
	TG6S-U5708-C1BM	1, 2	Opp	80					Included	Cable	230	44
	TG6S-U5709-C1BM	1, 2	Opp	83					Included	Cable	205	39
	TG6S-U5712-C1BQ	1, 2	Opp	102					Included	Cable	210	40
	TG6S-U5713-C1BQ	1, 2	Opp	116					Included	Cable	210	40
	TG6S-U5715-C1BQ	1, 2	Opp	131					Included	Cable	195	37
	TG6S-U5718-C1BQ	1, 2	Opp	155					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U5705-L3BX	3	Opp	50		50		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TU5700 + 23M62000 + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

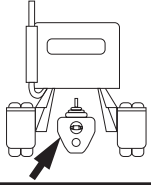



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

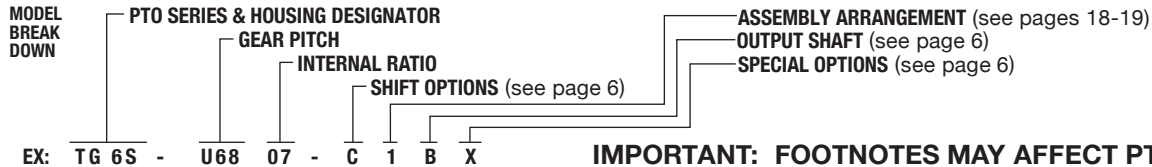
FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TR-T110-7A, TR-T145-7A						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 43T 5P 20°PA Spur LOCATION: Front PLMF: .990 PLV: 948FPM RPM: 420				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-U5705-C1BM	1, 2	Opp	42					Included	Cable	270	51
	TG6S-U5706-C1BM	1, 2	Opp	55					Included	Cable	245	47
	TG6S-U5707-C1BM	1, 2	Opp	65					Included	Cable	230	44
	TG6S-U5708-C1BM	1, 2	Opp	80					Included	Cable	230	44
	TG6S-U5709-C1BM	1, 2	Opp	83					Included	Cable	205	39
	TG6S-U5712-C1BQ	1, 2	Opp	102					Included	Cable	210	40
	TG6S-U5713-C1BQ	1, 2	Opp	116					Included	Cable	210	40
	TG6S-U5715-C1BQ	1, 2	Opp	131					Included	Cable	195	37
	TG6S-U5718-C1BQ	1, 2	Opp	155					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U5705-L3BX	3	Opp	50		50		23M60200S	20MK6602	Lever	200	38
ADAPTER TO CHANGE ROTATION			40TU5700 + 23M62000 + 23M60140S + 20MK6631					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

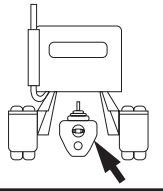



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

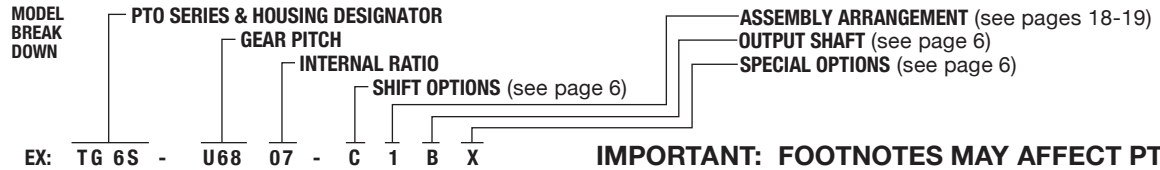
FOOTNOTES:

- 1 TG Series Input Gear: #03T34451 — Refer to kit program on pages 10 & 11.
- 2 PTO supplied with special idler plate due to transmission interference. Use idler cap kit 15MK33977.
- 3 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		TR-T86-10V						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20° Spur LOCATION: Rear PLV: 1188 FPM			PLMF: 1.080 RPM: 605	
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 4	Opp	41				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 4	Opp	53				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 4	Opp	69				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 4	Opp	82				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 4	Opp	100				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 4	Opp	104				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 4	Opp	128				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 4	Opp	145				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 4	Opp	164				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 4	Opp	195				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		2, 3	See Footnotes Below					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

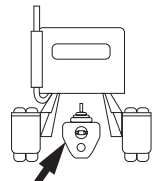

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

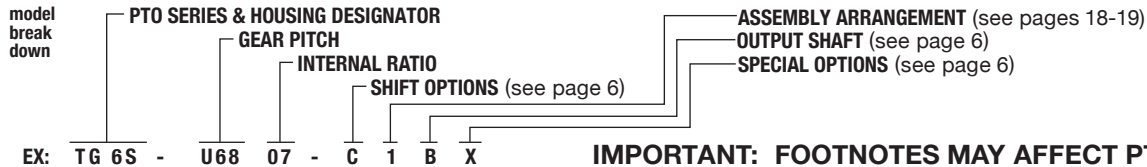
- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 Change TG Series to U68 input gear #03T34284.
 - 3 For continuous duty applications use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
 - 4 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION				BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)		
 TR-T86-10V				SAE 8-BOLT OPENING		
				PTO DRIVE GEAR DATA: 45T 6P20° Spur LOCATION: Front PLMF: .731/1.00 PLV: 1188 FPM RPM: 605		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 4	Opp	41				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 4	Opp	53				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 4	Opp	69				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 4	Opp	82				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 4	Opp	100				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 4	Opp	104				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 4	Opp	128				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 4	Opp	145				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 4	Opp	164				23M80032	Included	Cable	195	37
TG8S-X6818-C3BH	1, 4	Opp	195				23M80032	Included	Cable	175	33	
SH SERIES	SH8S-U6005-E3BX		Opp	53					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Opp	79					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Opp	98					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	4	Opp	130					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	4	Opp	151					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	53					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	63					Included	Power	300	57
	CS8S-U6807-E3BX	4	Opp	79					Included	Power	300	57
	CS8S-U6809-E3BX	4	Opp	98					Included	Power	275	52
	CS8S-U6812-E3BX	4	Opp	130					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	30		30		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX	5	Opp	62		62		23M80032	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	38					Included	Lever	500	95
	828S-U6808-L3CX		Opp	60					Included	Lever	450	85
	828S-U6809-L3CX		Opp	74					Included	Lever	410	78
	828S-U6810-L3CX		Opp	80					Included	Lever	410	78
	828S-U6812-L3CX		Opp	92					Included	Lever	375	71
	828S-U6813-L3CX		Opp	106					Included	Lever	375	71
	828S-U6815-L3CX		Opp	116				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	143				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

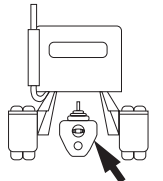



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

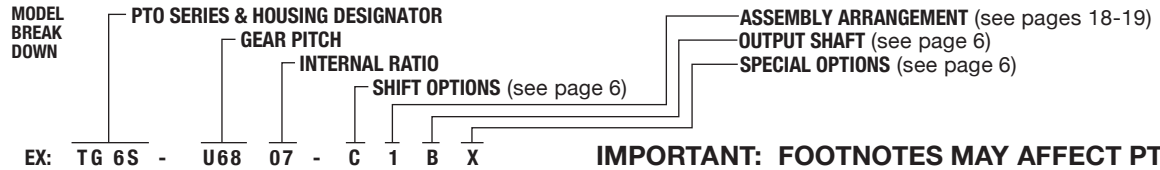
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION						RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)		
 TR-TO115-10V, TR-TO145-10V						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 45T 6P 20° Spur LOCATION: Rear PLV: 1669 FPM			PLMF: 1.080 RPM: 850

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 2	Opp	57				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 2	Opp	77				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 2	Opp	97				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 2	Opp	115				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 2	Opp	141				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 2	Opp	147				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 2	Opp	180				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 2	Opp	204				23M60032S	Included	Cable	210	40
	TG6D-S6815-C2BH	2, 3	Opp	212				23M60270	20MK6605	Cable	195	37
	TG6D-S6818-C2BH	2, 3	Opp	252				23M60270	20MK6605	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

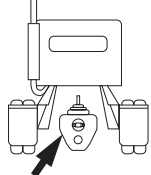



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
- 3 TG Series Input Gear: #03T94243 — Refer to kit program on page 10 & 11.

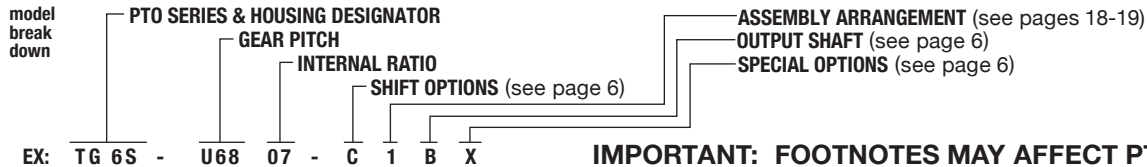
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION				BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)		
 TR-TO115-10V, TR-TO145-10V				SAE 8-BOLT OPENING		
				PTO DRIVE GEAR DATA: 45T 6P 20° Spur LOCATION: Front PLMF: .731/1.0 PLV: 1669 FPM RPM: 850		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 4	Opp	57				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 4	Opp	77				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 4	Opp	97				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 4	Opp	115				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 4	Opp	141				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 4	Opp	147				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 4	Opp	180				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 4	Opp	204				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 4	Opp	212				23M80032	Included	Cable	195	37
	TG8S-X6818-C3BH	1, 4	Opp	252				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	75					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	4	Opp	111					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	4	Opp	138					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	4	Opp	183					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	4	Opp	212					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	75					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	89					Included	Power	300	57
	CS8S-U6807-E3BX	4	Opp	111					Included	Power	300	57
	CS8S-U6809-E3BX	4	Opp	138					Included	Power	275	52
	CS8S-U6812-E3BX	4	Opp	183					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX	2, 5	Opp	41		41		23M80032	Included	Lever	200	38
	RL8S-U6805-L3BX		Opp	84		84		23M80032	Included	Lever	200	38

ADAPTER TO CHANGE ROTATION 3 40TU6886-1 + 23M80500 + 23M80062 + 20MK8817 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	55					Included	Lever	500	95
	828S-U6808-L3CX		Opp	84					Included	Lever	450	85
	828S-U6809-L3CX		Opp	104					Included	Lever	410	78
	828S-U6810-L3CX		Opp	112					Included	Lever	410	78
	828S-U6812-L3CX		Opp	129					Included	Lever	375	71
	828S-U6813-L3CX		Opp	150					Included	Lever	375	71
	828S-U6815-L3CX		Opp	163				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	202				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

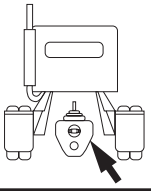



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

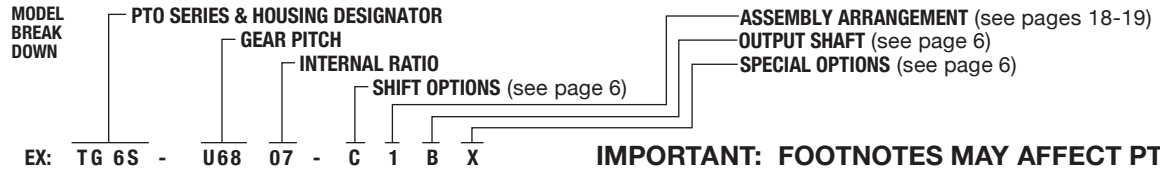
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear.
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 input gear (TG6S, CS6S, SH6S and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 5 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
		TR-T100-10D, TR-T145-10D						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 6P 20.5°PA Spur LOCATION: Rear PLV: 1310 FPM					PLMF: 1.085 RPM: 667
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 5, 6	Opp	45				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 5, 6	Opp	59				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 5, 6	Opp	76				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 5, 6	Opp	90				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 5, 6	Opp	111				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 5, 6	Opp	115				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 5, 6	Opp	141				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 5, 6	Opp	161				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 5, 6	Opp	181				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 5, 6	Opp	215				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	3, 4	Crnk	68		68		23M60032S + 23M60200S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	See Footnote Below					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

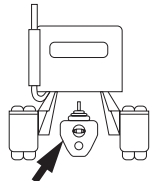

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
 - 2 For continuous duty applications use 40TU6800 + 23M62000 + 20MK6631 or for clearance use 40TU6855-2. X68 input can be changed to U68 and spacer shown on application is not used.
 - 3 Not for continuous duty applications.
 - 4 RL6D-U6803 with combined reduction gear box is not available in the "2" assembly.
 - 5 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.
 - 6 Direct mount pump interferes unless adapter is used.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TR-T100-10D, TR-T145-10D						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								45T 6P 20°PA Spur LOCATION: Front PLMF: .731/1.0 PLV: 1310 FPM RPM: 667				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C1BX	1, 5	Opp	45				23M80032	Included	Cable	285	54
	TG8S-X6805-C1BX	1, 5	Opp	59				23M80032	Included	Cable	270	51
	TG8S-X6806-C1BX	1, 5	Opp	76				23M80032	Included	Cable	245	47
	TG8S-X6807-C1BX	1, 5	Opp	90				23M80032	Included	Cable	230	44
	TG8S-X6808-C1BX	1, 5	Opp	111				23M80032	Included	Cable	230	44
	TG8S-X6809-C1BX	1, 5	Opp	115				23M80032	Included	Cable	205	39
	TG8S-X6812-C1BH	1, 5	Opp	141				23M80032	Included	Cable	210	40
	TG8S-X6813-C1BH	1, 5	Opp	161				23M80032	Included	Cable	210	40
	TG8S-X6815-C1BH	1, 5	Opp	181				23M80032	Included	Cable	195	37
TG8S-X6818-C1BH	1, 5	Opp	215				23M80032	Included	Cable	175	33	
SH SERIES	SH8S-U6005-E1BX		Opp	59					Included	Elec/Air	400	76
	SH8S-U6807-E1BX	5	Opp	87					Included	Elec/Air	400	76
	SH8S-U6809-E1BX	5	Opp	108					Included	Elec/Air	375	71
	SH8S-U6812-E1BX	5	Opp	143					Included	Elec/Air	325	62
	SH8S-U6813-E1BX	5	Opp	166					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E1BX		Opp	59					Included	Power	300	57
	CS8S-U6806-E1BX		Opp	70					Included	Power	300	57
	CS8S-U6807-E1BX	5	Opp	87					Included	Power	300	57
	CS8S-U6809-E1BX	5	Opp	108					Included	Power	275	52
	CS8S-U6812-E1BX	5	Opp	143					Included	Power	275	5
	CS8S-U6814-E1BX		Opp	179					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	3, 4 3	Opp Opp	33 68		33 68		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		2	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L1CX		Opp	41					Included	Lever	500	95
	828S-U6808-L1CX		Opp	66					Included	Lever	450	85
	828S-U6809-L1CX		Opp	82					Included	Lever	410	78
	828S-U6810-L1CX		Opp	88					Included	Lever	410	78
	828S-U6812-L1CX		Opp	101					Included	Lever	375	71
	828S-U6813-L1CX		Opp	117					Included	Lever	375	71
	828S-U6815-L1CX		Opp	128				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L1CX		Opp	158				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

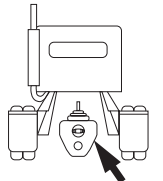



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Change TG, CS, SH and RL Series to 6 bolt housing and TG to U68 input gear. 23M60200 + 20MK6603 required for RL on PTO side of adapter.
- 3 Not for continuous duty applications.
- 4 RL Series with combined reduction gear box. ("03" Ratio).
- 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20M8808.

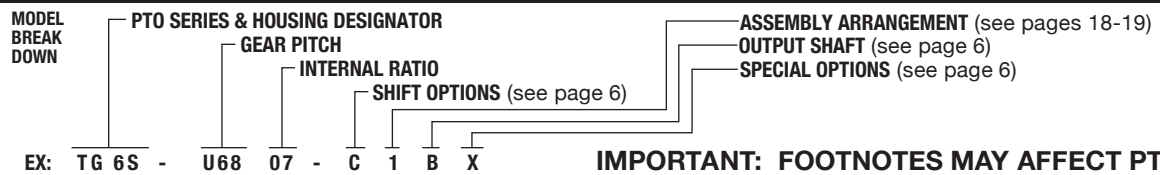
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION						RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)		
 TR-TO100-10S, TR-TO165-10S						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 45T 6P 20°PA Spur LOCATION: Rear PLV: 1669 FPM			PLMF: 1.080 RPM: 850

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-X6804-C2BX	1, 3	Opp	57				23M60032S	Included	Cable	285	54
	TG6S-X6805-C2BX	1, 3	Opp	77				23M60032S	Included	Cable	270	51
	TG6S-X6806-C2BX	1, 3	Opp	97				23M60032S	Included	Cable	245	47
	TG6S-X6807-C2BX	1, 3	Opp	115				23M60032S	Included	Cable	230	44
	TG6S-X6808-C2BX	1, 3	Opp	141				23M60032S	Included	Cable	230	44
	TG6S-X6809-C2BX	1, 3	Opp	147				23M60032S	Included	Cable	205	39
	TG6S-X6812-C2BH	1, 3	Opp	181				23M60032S	Included	Cable	210	40
	TG6S-X6813-C2BH	1, 3	Opp	206				23M60032S	Included	Cable	210	40
	TG6S-X6815-C2BH	1, 3	Opp	232				23M60032S	Included	Cable	195	37
	TG6S-X6818-C2BH	1, 3	Opp	274				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 2 No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

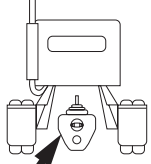



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

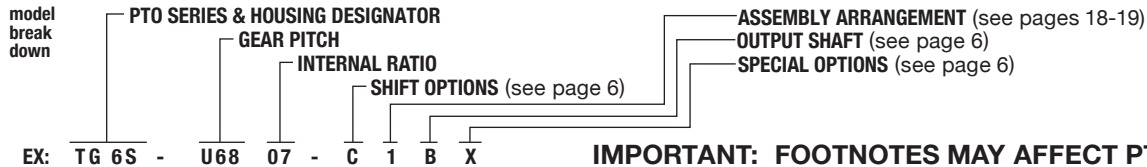
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 Use 40TU6855-2 or 40TU6800 +23M62000 + 20MK6631 and change the input gear to U68.
- 3 Optional: X68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M60200S and stud kit 20MK6603.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TR-TO100-10S, TR-TO165-10S						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
					45T 6P 20°PA Spur		PLMF: .731/1.00					
					LOCATION: Front		RPM: 850					
					PLV: 1669 FPM							
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8S-X6804-C3BX	1, 5	Opp	57				23M80032	Included	Cable	285	54
	TG8S-X6805-C3BX	1, 5	Opp	77				23M80032	Included	Cable	270	51
	TG8S-X6806-C3BX	1, 5	Opp	97				23M80032	Included	Cable	245	47
	TG8S-X6807-C3BX	1, 5	Opp	115				23M80032	Included	Cable	230	44
	TG8S-X6808-C3BX	1, 5	Opp	141				23M80032	Included	Cable	230	44
	TG8S-X6809-C3BX	1, 5	Opp	147				23M80032	Included	Cable	205	39
	TG8S-X6812-C3BH	1, 5	Opp	181				23M80032	Included	Cable	210	40
	TG8S-X6813-C3BH	1, 5	Opp	206				23M80032	Included	Cable	210	40
	TG8S-X6815-C3BH	1, 5	Opp	232				23M80032	Included	Cable	195	37
	TG8S-X6818-C3BH	1, 5	Opp	274				23M80032	Included	Cable	175	33
SH SERIES	SH8S-U6005-E3BX		Opp	75					Included	Elec/Air	400	76
	SH8S-U6807-E3BX	5	Opp	111					Included	Elec/Air	400	76
	SH8S-U6809-E3BX	5	Opp	138					Included	Elec/Air	375	71
	SH8S-U6812-E3BX	5	Opp	183					Included	Elec/Air	325	62
	SH8S-U6813-E3BX	5	Opp	212					Included	Elec/Air	325	62
CLUTCH SHIFT	CS8S-U6005-E3BX		Opp	75					Included	Power	300	57
	CS8S-U6806-E3BX		Opp	89					Included	Power	300	57
	CS8S-U6807-E3BX	5	Opp	111					Included	Power	300	57
	CS8S-U6809-E3BX	5	Opp	138					Included	Power	275	52
	CS8S-U6812-E3BX	5	Opp	183					Included	Power	275	52
1 FWD. 1 REV.	RL8S-U6803-L3BX RL8S-U6805-L3BX	2, 6 6	Opp Opp	41 84		41 84		23M80032 23M80032	Included Included	Lever Lever	200 200	38 38
ADAPTER TO CHANGE ROTATION		3	40TU6886-1 + 23M80500 + 23M80062 + 20MK8817					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR	828S-U6805-L3CX		Opp	55					Included	Lever	500	95
	828S-U6808-L3CX		Opp	84					Included	Lever	450	85
	828S-U6809-L3CX		Opp	104					Included	Lever	410	78
	828S-U6810-L3CX		Opp	112					Included	Lever	410	78
	828S-U6812-L3CX		Opp	129					Included	Lever	375	71
	828S-U6813-L3CX		Opp	150					Included	Lever	375	71
	828S-U6815-L3CX		Opp	163				(2) 23M80062	Included	Lever	350	67
	828S-U6819-L3CX		Opp	202				23M80248	20MK8817	Lever	300	57
1 FWD. 1 REV.												

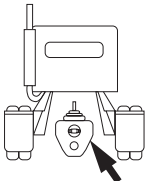



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

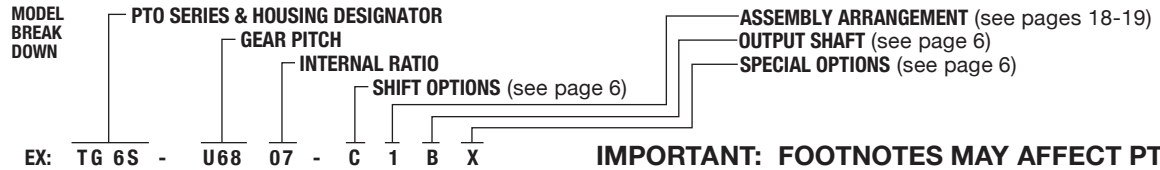
FOOTNOTES:

- 1 TG Series Input Gear: #03T96773 — Refer to kit program on pages 10 & 11.
- 2 RL Series with combined reduction gear box
- 3 Change TG Series, CS Series, SH Series and RL Series to 6-bolt PTO housing and TG to U68 (TG6S, CS6S, SH6S, and RL6D respectively). Add 23M60200S + 20MK6603 for RL Series on PTO side of adapter.
- 4 83 Series PTOs interfere with spring hanger on vehicles with set back front axles.
- 5 Optional: X68 & U68 input gear can be replaced by S68 input gear to obtain output speed 92% of speed shown. Add spacer 23M80190 and stud kit 20MK8808.
- 6 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)				
	TR-TDO165-18A TR-TDO185-18A TR-TDO205-18A Footnote (2)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								52T 6P 20°PA Spur	PLMF: 1.229			
								LOCATION: Rear	RPM: 700			
								PLV: 1588 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-S6804-C2BX	1	Opp	51				23M60032S	Included	Cable	285	54
	TG6D-S6805-C2BX	1	Opp	66				23M60032S	Included	Cable	270	51
	TG6D-S6806-C2BX	1	Opp	86				23M60032S	Included	Cable	245	47
	TG6D-S6807-C2BX	1	Opp	101				23M60032S	Included	Cable	230	44
	TG6D-S6808-C2BX	1	Opp	124				23M60032S	Included	Cable	230	44
	TG6D-S6809-C2BX	1	Opp	129				23M60032S	Included	Cable	205	39
	TG6D-S6812-C2BH	1	Opp	158				23M60032S	Included	Cable	210	40
	TG6D-S6813-C2BH	1	Opp	180				23M60032S	Included	Cable	210	40
	TG6D-S6815-C2BH	1	Opp	203				23M60032S	Included	Cable	195	37
	TG6D-S6818-C2BH	1	Opp	241				23M60032S	Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	4	Opp	83		83		23M60032S	Included	Lever	200	38
ADAPTER TO CHANGE ROTATION		3	40TU6800 + 23M61500 + 23M60300 + 20MK6629 Change PTO to U68					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

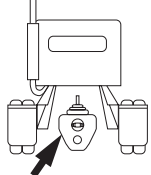



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

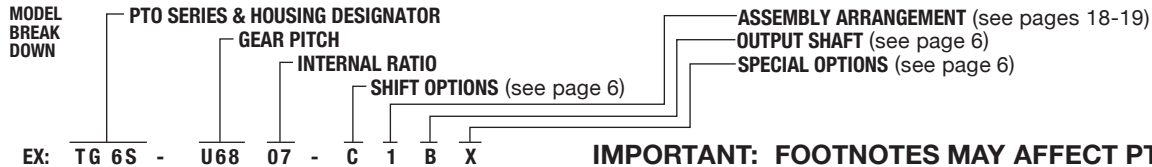
FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Speed shown with "Splitter" in "Hi" range. Multiply speeds shown by .81 when "Splitter" is in "Lo".
- 3 Change TG Series to U68 (#03T34284). RL Series add 23M60200S + 20MK6603 on PTO side of adapter.
- 4 Do not use for continuous duty applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TREMEC TRANSMISSION								BOTTOM OPENING ONLY (RIGHT SIDE TURN PAGE)				
		TR-TDO165-18A TR-TDO185-18A TR-TDO205-18A Footnote (2)						SAE 8-BOLT OPENING				
								PTO DRIVE GEAR DATA: 52T 6P 20°PA Spur LOCATION: Front PLV: 1588 FPM					PLMF: .929	RPM: 700
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG8D-S6804-C1BX	1	Opp	51				23M80062	20MK8815	Cable	285	54
	TG8D-S6805-C1BX	1	Opp	66				23M80062	20MK8815	Cable	270	51
	TG8D-S6806-C1BX	1	Opp	86				23M80062	20MK8815	Cable	245	47
	TG8D-S6807-C1BX	1	Opp	101				23M80062	20MK8815	Cable	230	44
	TG8D-S6808-C1BX	1	Opp	124				23M80062	20MK8815	Cable	230	44
	TG8D-S6809-C1BX	1	Opp	129				23M80062	20MK8815	Cable	205	39
	TG8D-S6812-C1BH	1	Opp	158				23M80062	20MK8815	Cable	210	40
	TG8D-S6813-C1BH	1	Opp	180				23M80062	20MK8815	Cable	210	40
	TG8D-S6815-C1BH	1	Opp	203				23M80062	20MK8815	Cable	195	37
	TG8D-S6818-C1BH	1	Opp	241				23M80062	20MK8815	Cable	175	33
SH SERIES	SH8D-S6807-E1BX		Opp	98				23M80062	20MK8815	Elec/Air	400	76
	SH8D-S6809-E1BX		Opp	121				23M80062	20MK8815	Elec/Air	375	71
	SH8D-S6812-E1BX		Opp	161				23M80062	20MK8815	Elec/Air	325	62
	SH8D-S6813-E1BX		Opp	187				23M80062	20MK8815	Elec/Air	325	62
CLUTCH SHIFT	CS8D-S6807-E1BX		Opp	98				23M80062	20MK8815	Power	300	57
	CS8D-S6809-E1BX		Opp	121				23M80062	20MK8815	Power	275	52
	CS8D-S6812-E1BX		Opp	161				23M80062	20MK8815	Power	275	52
1 FWD. 1 REV.	RL6D-U6805-L3BX	3	Opp	83		83	29MK8248	23M80062	20MK8815	Lever	200	38
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

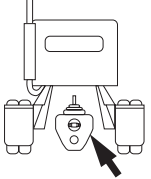

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T94243 — Refer to kit program on pages 10 & 11.
- 2 Speed shown with "Splitter" in "Hi" range. Multiply speeds shown by .81 when "Splitter" is in "Lo".
- 3 Do not use for continuous duty applications.

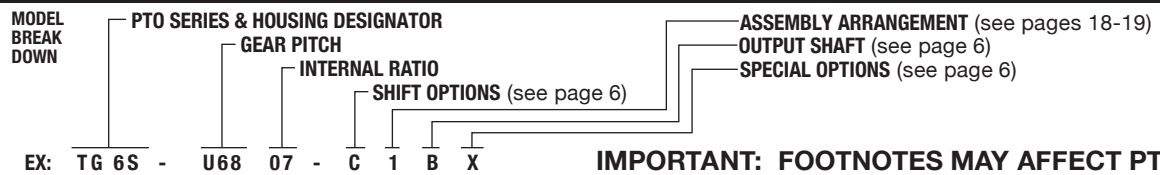
TOYOTA TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		M150, M151, M155, M153				PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

TOYOTA TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)			
	M150, M151, M155, M153						METRIC 6-BOLT OPENING			
							PTO DRIVE GEAR DATA:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PTOS ARE NO LONGER AVAILABLE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


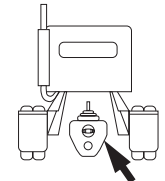
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

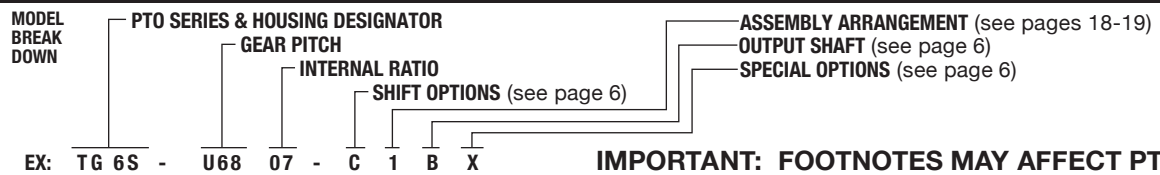
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	VOLVO TRANSMISSION	REAR ONLY	
R1700, SR1700, VT1414 VT809, VT1309 Footnote (1)		METRIC 4-BOLT OPENING	
		PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P86VC-A1CX	1, 2	Crnk	95					199K8020000	Air	332	63
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- SR1700 OR VT1414 speed shown in LO, multiply speed shown by 1.24 for High range.
- Rear mounted PTO, model shown with 1310 Series companion flange. SAE B pump mount available for pump systems weighing less than 30 lbs. See page 30 in General Information.

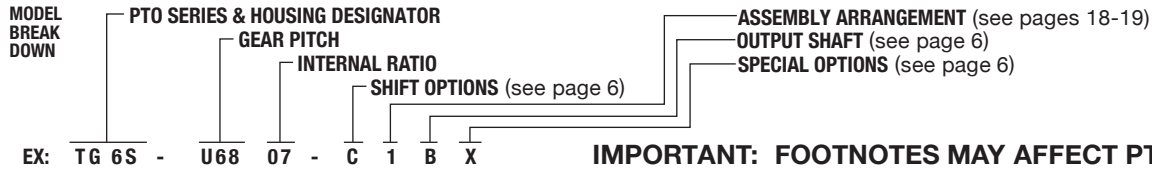
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

VOLVO TRANSMISSION			R1700, SR1700, VT1414 VT809, VT1309		PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


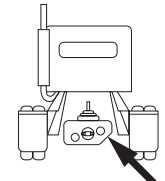
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

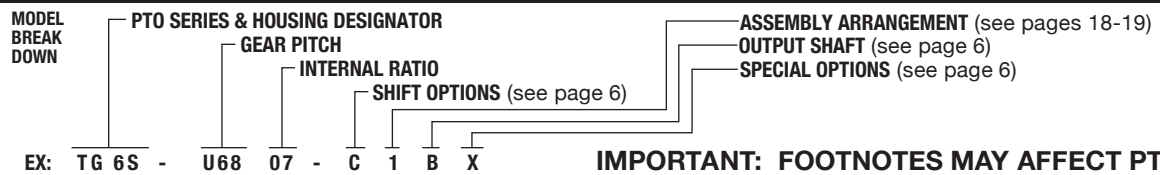
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	VOLVO TRANSMISSION	REAR ONLY	
R52 Footnote (1)		METRIC 4-BOLT OPENING	
		PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P82V4-A1CX	1, 2	Crnk	63					Included	Air	220	42
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

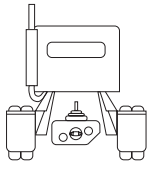



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Rear mounted PTO
- 2 Model shown with 1310 Series companion flange. SAE B pump mount available for pump systems weighing less than 30 lbs. See page 30 in General Information.

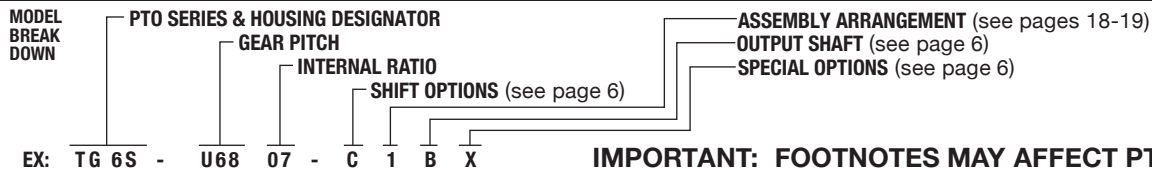
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

VOLVO TRANSMISSION										
		R52					PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


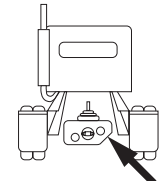
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

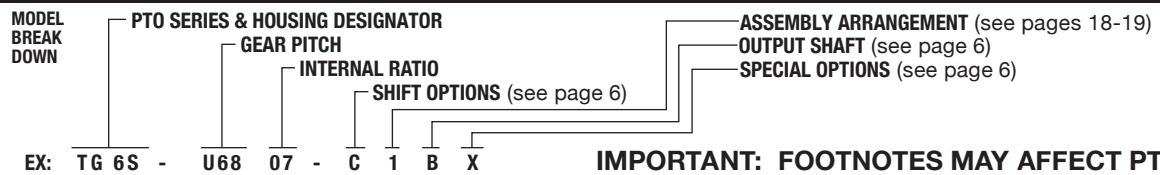
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	VOLVO TRANSMISSION	REAR ONLY	
VT2214B VT2514B Footnote (1)		METRIC 4-BOLT OPENING	
		PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P86VC-A1CX	1, 2	Crnk	95					199K8020000	Air	332	63
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

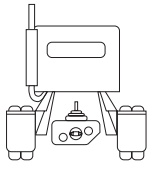



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Speed shown in LO range, multiply speed shown by 1.24 for HIGH range.
- Rear mounted PTO, model shown with 1310 Series companion flange. SAE B pump mount available for pump systems weighing less than 30 lbs. See page 30 in General Information.

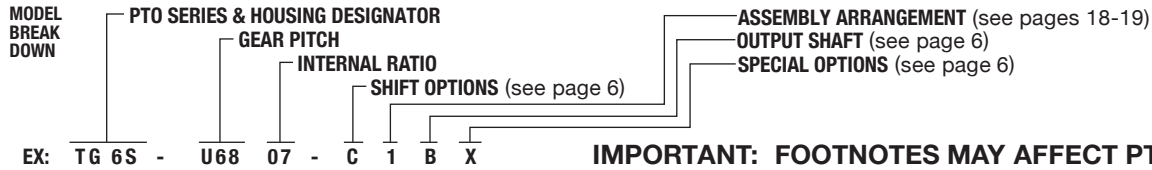
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

VOLVO TRANSMISSION										
		VT2214B, VT2514B					PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

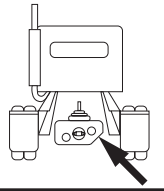


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

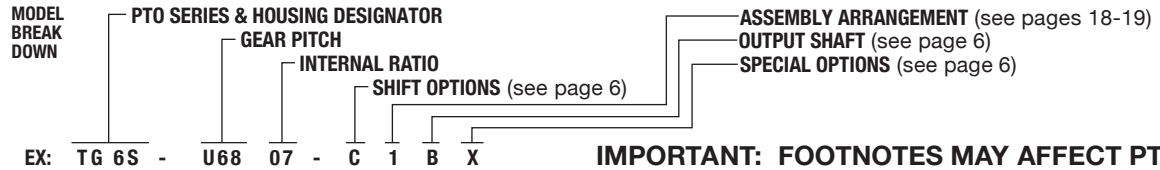
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

VOLVO TRANSMISSION								REAR ONLY				
		AT2612D, AT2512C, AT2812C, TMD12AD TMD13AD Footnote (1, 2, 3, 5)						METRIC 4-BOLT OPENING				
								PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR	RS4S-P81V8-P1CX	1, 2, 3, 6	Opp	71					199K8030000	Air	442	84
SINGLE SPEED MULTI GEAR	RS4S-P86VM-P1CX	1, 2, 3, 4	Crnk	94					199K8020000	Air	331	63
	RS4S-P86VN-P1CX	1, 2, 3, 4	Crnk	65					199K8020000	Air	368	70
	RS4S-P93VN-P1CX	1, 2, 3, 4, 7	Crnk	65					199K8020000	Air	368	70
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				



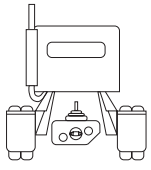

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 Speed shown in Lo range. Multiply speed by 1.27 for Hi range.
 - 2 Rear mounted PTO, model shown with 1310 Series companion flange. Connection to Volvo system is required.
 - 3 For Volvo I-Shift or Mack M-Shift transmission, the chassis needs to be ordered with PTO prep package. PTO shift option "P" to use chassis supplied PTO activation. The vehicle ECU must be programmed by Dealer for PTO operation.
 - 4 For continuous duty applications add lube kit 195KLB37000.
 - 5 Direct mount pump limited to 25 lb. Max weight without support to transmission. See page 30 in General Information.
 - 6 P81 Series is a through shaft PTO and does not offset the output shaft. Direct mount pumps will interfere on P81. Use for driveline applications only.
 - 7 P93 Series PTO has two independently operated outputs in addition to the main input activation to Volvo transmission. Each output has the same speed and rotation as shown. Order activation kit for each separate output, 48TK3928. Add indicator switch 194KSP19000 for each output.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

VOLVO TRANSMISSION										
		AT2612D, AT2512C, AT2812C, TMD12AD TMD13AD					PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
NO PTO OPENING - SEE OTHER SIDE												
SINGLE SPEED MULTI GEAR												
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


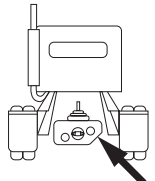
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



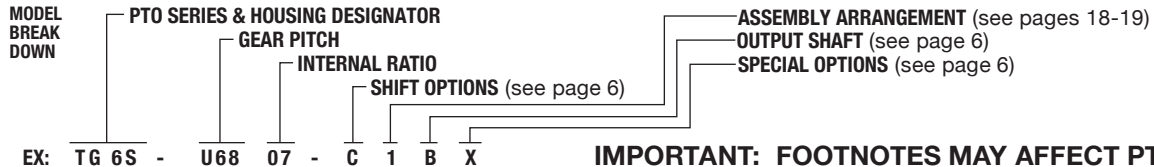
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

VOLVO TRANSMISSION								REAR ONLY				
	ATO2512C, ATO3112C, ATO2612C, ATO2612D, ATO3112D, TMD12AO, TMD13AO, TMD14AO, TMD13AFO-HD, TMD14AFO-HD Footnote (1, 2, 3, 5)							METRIC 4-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
		LOCATION: PLV:		PLMF: RPM:								
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR	RS4S-P81V8-P1CX	1, 2, 3, 6	Opp	88					199K8030000	Air	442	84
SINGLE SPEED MULTI GEAR	RS4S-P86VM-P1CX	1, 2, 3, 4	Crnk	117					199K8020000	Air	331	63
	RS4S-P86VN-P1CX	1, 2, 3, 4	Crnk	81					199K8020000	Air	369	70
	RS4S-P93VN-P1CX	1, 2, 3, 4, 7	Crnk	81					199K8020000	Air	368	70
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

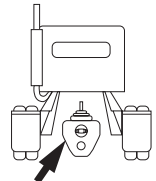



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Speed shown in Lo range. Multiply speed by 1.27 for Hi range.
- 2 Rear mounted PTO model shown with 1310 Series companion flange. Connection to Volvo system required.
- 3 For Volvo I-Shift or Mack M-Shift transmission, the chassis needs to be ordered with PTO prep package. PTO shift option "P" to use chassis supplied PTO activation. The vehicle ECU must be programmed by Dealer for PTO operation.
- 4 For continuous duty applications add lube kit 195KLB37000.
- 5 Direct mount pump limited to 25 lb. Max weight without support to transmission. See page 30 in General Information.
- 6 P81 Series is a through shaft PTO and does not offset the output shaft. Direct mount pumps will interfere on P81. Use for driveline applications only.
- 7 P93 Series PTO has two independently operated outputs in addition to the main input activation to Volvo transmission. Each output has the same speed and rotation as shown. Order activation kit for each separate output, 48TK3928. Add indicator switch 194KSP19000 for each output.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

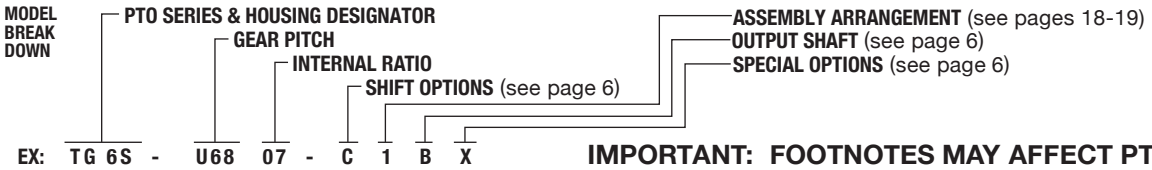
VOLVO TRANSMISSION		
	ATO2512C, ATO3112C, ATO2612C, ATO2612D, ATO3112D, TMD12AO TMD13AO, TMD14AO, TMD13AFO-HD, TMD14AFO-HD	

PTO DRIVE GEAR DATA:
 LOCATION: PLV: PLMF: RPM:

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

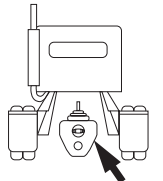

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

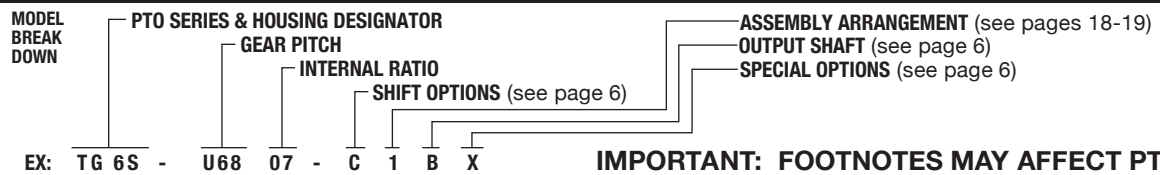
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	T-18, T-19, T-98A, T-98-1R, T-98-1V 190F (TREMEC) This transmission will have one PTO aperture. It may be right or left, but not both.	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8009-C2BX	1, 2	Opp	42				23M60270	20MK6603	Cable	205	39
	TG6D-W8012-C2BH	1, 2	Opp	52				23M60270	20MK6603	Cable	210	40
	TG6D-W8013-C2BH	1, 2	Opp	59				23M60270	20MK6603	Cable	210	40
	TG6D-W8015-C2BH	1, 2	Opp	66				23M60270	20MK6603	Cable	195	37
	TG6D-W8018-C2BH	1, 2	Opp	79				23M60270	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

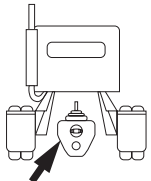



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

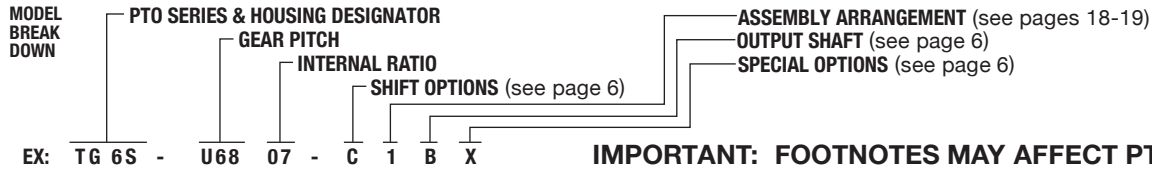
FOOTNOTES:

- 1 TG Series Input Gear: #03T34326 — Refer to kit program on page 10 & 11.
- 2 Possible cross member interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
	T-18, T-19, T-98A, T-98-1R, T-98-1V 190F (TREMEC) This transmission will have one PTO aperture. It may be right or left, but not both.							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								36T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.085 PLV: 532 FPM RPM: 395				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8009-C4BX	1	Opp	42				23M60270	20MK6603	Cable	205	39
	TG6D-W8012-C4BH	1	Opp	52				23M60270	20MK6603	Cable	210	40
	TG6D-W8013-C4BH	1	Opp	59				23M60270	20MK6603	Cable	210	40
	TG6D-W8015-C4BH	1	Opp	66				23M60270	20MK6603	Cable	195	37
	TG6D-W8018-C4BH	1	Opp	79				23M60270	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

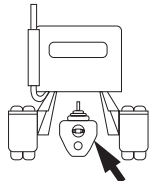



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T34326 — Refer to kit program on pages 10 & 11.

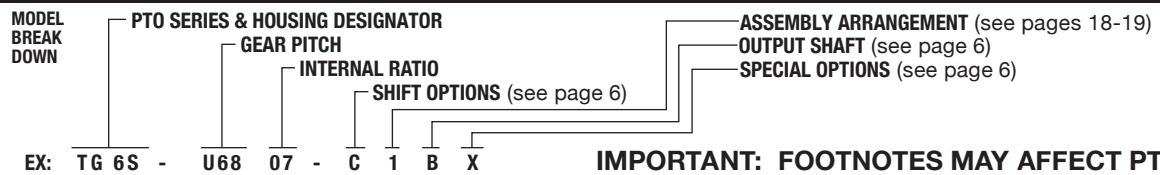
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	T-18A, T-18C, T-19D This transmission will have one PTO aperture. It may be right or left, but not both.	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 32T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.371 PLV: 744 FPM RPM: 622	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8007-C2BX	1, 2	Opp	47					Included	Cable	230	44
	TG6D-W8008-C2BX	1, 2	Opp	57					Included	Cable	230	44
	TG6D-W8009-C2BX	1, 2	Opp	59					Included	Cable	205	39
	TG6D-W8012-C2BH	1, 2	Opp	72					Included	Cable	210	40
	TG6D-W8013-C2BH	1, 2	Opp	82					Included	Cable	210	40
	TG6D-W8015-C2BH	1, 2	Opp	93					Included	Cable	195	37
	TG6D-W8018-C2BH	1, 2	Opp	111					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

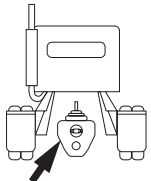



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

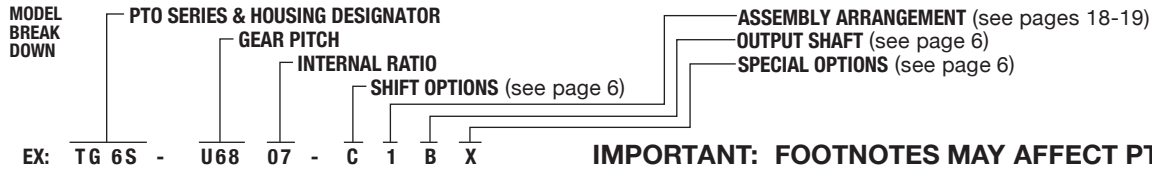
FOOTNOTES:

- 1 TG Series Input Gear: #03T34326 — Refer to kit program on pages 10 & 11.
- 2 Possible cross member interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		T-18A, T-18C, T-19D This transmission will have one PTO aperture. It may be right or left, but not both.						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								32T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.371 PLV: 744 FPM RPM: 622				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8007-C4BX	1	Opp	47					Included	Cable	230	44
	TG6D-W8008-C4BX	1	Opp	57					Included	Cable	230	44
	TG6D-W8009-C4BX	1	Opp	59					Included	Cable	205	39
	TG6D-W8012-C4BH	1	Opp	72					Included	Cable	210	40
	TG6D-W8013-C4BH	1	Opp	82					Included	Cable	210	40
	TG6D-W8015-C4BH	1	Opp	93					Included	Cable	195	37
	TG6D-W8018-C4BH	1	Opp	111					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

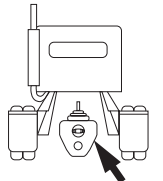



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T34326 – Refer to kit program on pages 10 & 11.

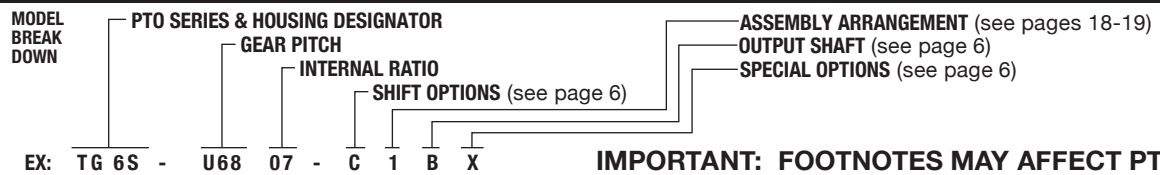
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	T-18B, T-19A This transmission will have one PTO aperture. It may be right or left, but not both.	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 32T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.371 PLV: 693 FPM RPM: 579	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8007-C2BX	1, 2	Opp	43					Included	Cable	230	44
	TG6D-W8008-C2BX	1, 2	Opp	53					Included	Cable	230	44
	TG6D-W8009-C2BX	1, 2	Opp	55					Included	Cable	205	39
	TG6D-W8012-C2BH	1, 2	Opp	68					Included	Cable	210	40
	TG6D-W8013-C2BH	1, 2	Opp	77					Included	Cable	210	40
	TG6D-W8015-C2BH	1, 2	Opp	87					Included	Cable	195	37
	TG6D-W8018-C2BH	1, 2	Opp	103					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

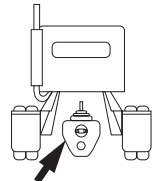



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

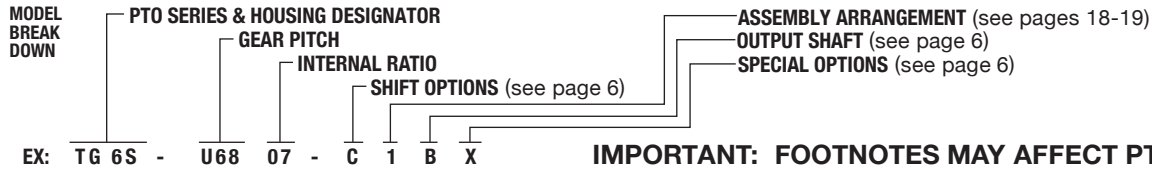
- 1 TG Series Input Gear: #03T34326 — Refer to kit program on pages 10 & 11.
- 2 Possible cross member interference.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		T-18B, T-19A This transmission will have one PTO aperture. It may be right or left, but not both.		SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 32T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.371 PLV: 693 FPM RPM: 579		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8007-C4BX	1	Opp	43					Included	Cable	230	44
	TG6D-W8008-C4BX	1	Opp	53					Included	Cable	230	44
	TG6D-W8009-C4BX	1	Opp	55					Included	Cable	205	39
	TG6D-W8012-C4BH	1	Opp	68					Included	Cable	210	40
	TG6D-W8013-C4BH	1	Opp	77					Included	Cable	210	40
	TG6D-W8015-C4BH	1	Opp	87					Included	Cable	195	37
	TG6D-W8018-C4BH	1	Opp	103					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

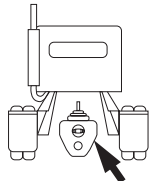



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 TG Series Input Gear: #03T34326 – Refer to kit program on pages 10 & 11.

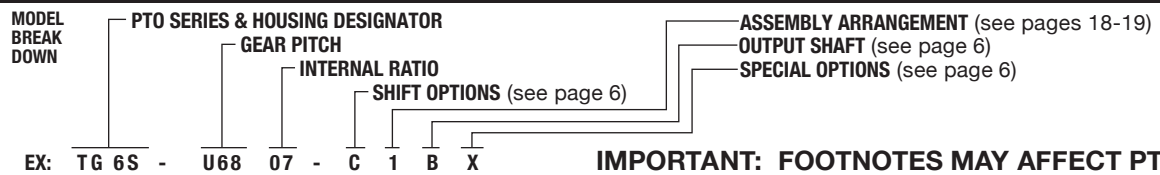
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	T-19A*, T-19C *For Ford 6.9L Diesel with 4.02 low gear ratio. Multiply PTO speed by 1.27.	
	SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 32T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.116 PLV: 585 FPM RPM: 489	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8009-C4BX	1, 2	Opp	47				23M60240S	20MK6603	Cable	205	39
	TG6D-W8012-C4BH	1, 2	Opp	58				23M60240S	20MK6603	Cable	210	40
	TG6D-W8013-C4BH	1, 2	Opp	66				23M60240S	20MK6603	Cable	210	40
	TG6D-W8015-C4BH	1, 2	Opp	74				23M60240S	20MK6603	Cable	195	37
	TG6D-W8018-C4BH	1, 2	Opp	87				23M60240S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

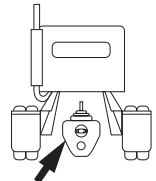



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear: #03T34326 — Refer to kit program on pages 10 & 11.
- 2 Possible cross member interference. Shaft above arrangement shown.

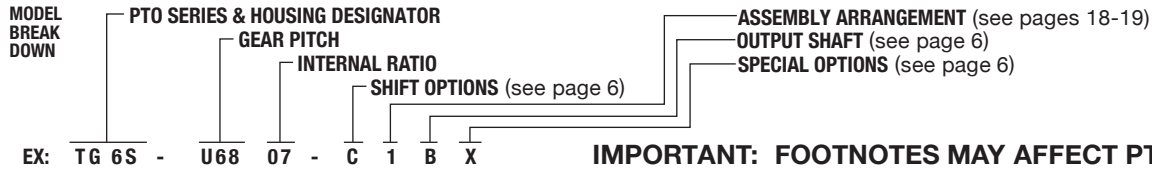
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
		T-19A*, T-19C *For Ford 6.9L Diesel with 4.02 low gear ratio. Multiply PTO speed by 1.27.		SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 32T 8.0829P 20° PA 30° R.H. LOCATION: Rear PLMF: 1.371 PLV: 585 FPM RPM: 489		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6D-W8009-C2BX	1, 2	Opp	47					Included	Cable	205	39
	TG6D-W8012-C2BH	1, 2	Opp	58					Included	Cable	210	40
	TG6D-W8013-C2BH	1, 2	Opp	66					Included	Cable	210	40
	TG6D-W8015-C2BH	1, 2	Opp	74					Included	Cable	195	37
	TG6D-W8018-C2BH	1, 2	Opp	87					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

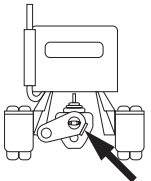



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

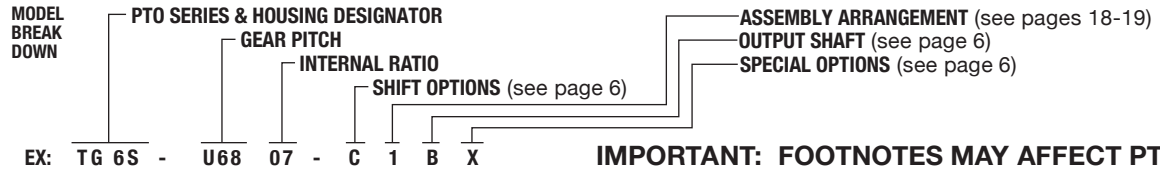
FOOTNOTES:

- 1 TG Series Input Gear: #03T34326 — Refer to kit program on pages 10 & 11.
- 2 Possible cross member interference. Shaft above arrangement shown.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
		1356, 1370, 4401, 4470 Transfer Case Use of a PTO on this transfer case requires using additional fluid. Refer to instruction sheet IN88-02. Footnotes (1, 3, 4, 5)						SAE 6-BOLT OPENING				
PTO DRIVE GEAR DATA:												
57T 9.605P 20° PA 21.6° L.H.		LOCATION: Front			PLMF: 1.108		RPM: 1,000					
PLV: 1670 FPM												
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-W9604-C1BX	2	Crnk	57					Included	Cable	285	54
	TG6S-W9605-C1BX	2	Crnk	74					Included	Cable	270	51
	TG6S-W9606-C1BX	2	Crnk	97					Included	Cable	245	47
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

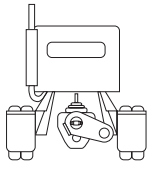

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 Speed shown with main transmission in direct drive.
 - 2 TG Series Input Gear: #03T35033A / 16MK (Includes special shift cover). Refer to kit program on pages 10 & 11.
 - 3 Ratios above the "06" interfere with internal casting.
 - 4 Exhaust interference. Check for floorboard clearance.
 - 5 Applications having high duty cycles and continuous cycles require a transmission lube/pump/cooler and a pressure lube option for TG PTO. Order 43MK8205 cooler kit, sold separately.

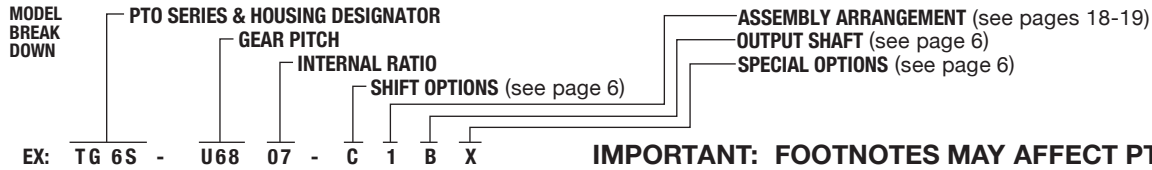
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 1356, 1370, 4401, 4470 Transfer Case						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		
				LOCATION: PLV:	PLMF: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

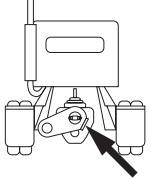

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

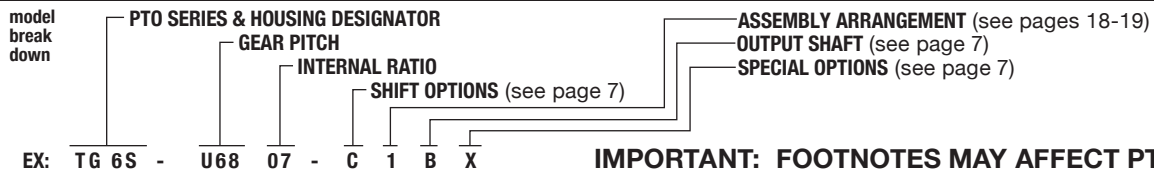
FOOTNOTES:

WARNER TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		4407 Transfer Case Footnote (2, 3, 4, 5)				SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA: 57T 9.61P 20° PA 21.6° L.H. LOCATION: Front PLMF: 1.107 PLV: 1671 FPM RPM: 1,000		

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	PTOS FOR THIS APPLICATION ARE OUT OF PRODUCTION											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

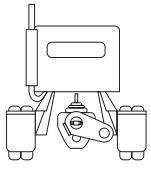

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

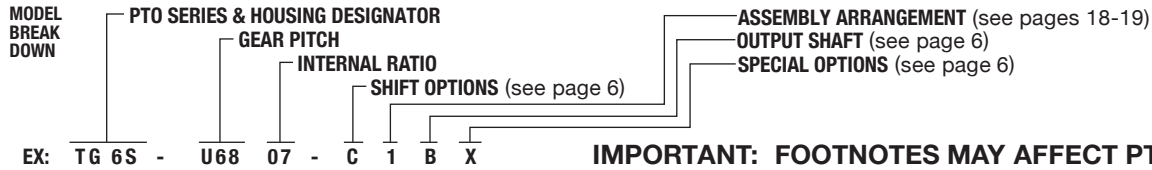
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

WARNER TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">4407 Transfer Case</div> </div>						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

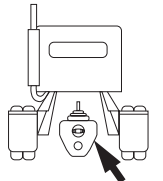

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

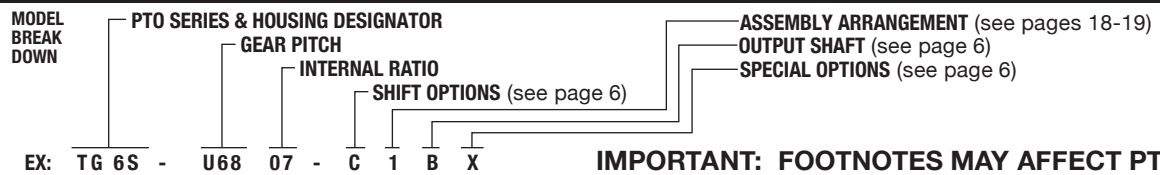
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	S5-42 (Close Ratio) Total Ratio = 4.14 - 0.77 Footnote (4, 5)	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z1005-C3BX	1, 2, 3	Opp	42					Included	Cable	270	51
	TG6S-Z1006-C3BX	1, 2, 3	Opp	55					Included	Cable	245	47
	TG6S-Z1007-C3BX	1, 2, 3	Opp	64					Included	Cable	230	44
	TG6S-Z1008-C3BX	1, 2, 3	Opp	79					Included	Cable	230	44
	TG6S-Z1009-C3BX	1, 2, 3	Opp	82					Included	Cable	205	39
	TG6S-Z1012-C3BH	1, 2, 3	Opp	101					Included	Cable	210	40
	TG6S-Z1013-C3BH	1, 2, 3	Opp	115					Included	Cable	210	40
	TG6S-Z1015-C3BH	1, 2, 3	Opp	129					Included	Cable	195	37
	TG6S-Z1018-C3BH	1, 2, 3	Opp	154					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

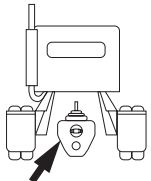

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



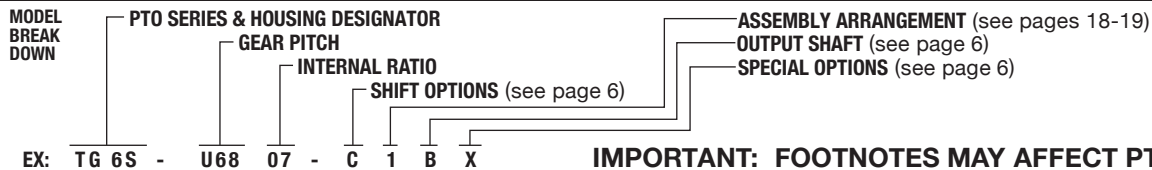
IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T17306A — Refer to kit program on pages 10 & 11.
 - 2 Shaft above centerline shown for cross member clearance. The exhaust interferes with PTO housing and may require modification per Ford recommendations.
 - 3 Direct mount pump size is limited by the cross member.
 - 4 Refer to vehicle operator's manual for correct transmission fluid specifications.
 - 5 Ford Motor Co. does not recommend the use of light-duty, full size F-Series vehicles for use on stationary continuous duty applications. The use of a transmission cooler is recommended for these applications. Cooler kit 43MK8205 can be purchased separately. Change PTO to pressure lube ("P" special feature code).

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		S5-42 (Close Ratio) Total Ratio = 4.14 - 0.77 Footnote (3, 4)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 41T 10.3673P 20° PA 28° R.H. LOCATION: Front PLMF: 1.195 PLV: 972 FPM RPM: 829				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z1005-C1BX	1, 2	Opp	42					Included	Cable	270	51
	TG6S-Z1006-C1BX	1, 2	Opp	55					Included	Cable	245	47
	TG6S-Z1007-C1BX	1, 2	Opp	64					Included	Cable	230	44
	TG6S-Z1008-C1BX	1, 2	Opp	79					Included	Cable	230	44
	TG6S-Z1009-C1BX	1, 2	Opp	82					Included	Cable	205	39
	TG6S-Z1012-C1BH	1, 2	Opp	101					Included	Cable	210	40
	TG6S-Z1013-C1BH	1, 2	Opp	115					Included	Cable	210	40
	TG6S-Z1015-C1BH	1, 2	Opp	129					Included	Cable	195	37
	TG6S-Z1018-C1BH	1, 2	Opp	154					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION			No Adapter Available				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

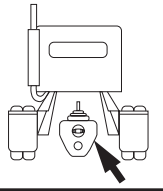



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

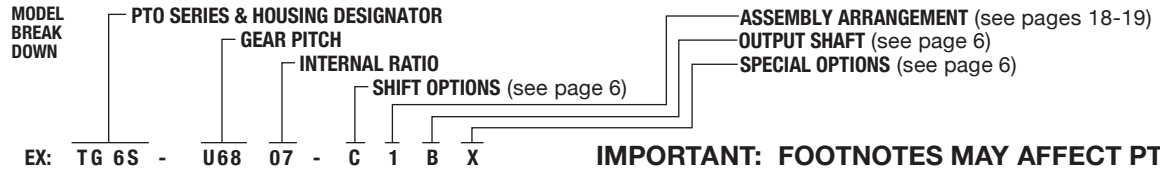
FOOTNOTES:

- TG Series Input Gear: #03T17306A — Refer to kit program on pages 10 & 11.
- Shaft above centerline shown for cross member clearance. The “3” arrangement is used for direct mount pumps because direct mount pump size is limited by the cross member. Recommend PKS-Series with “S” PTO flange option.
- Refer to vehicle operator’s manual for correct transmission fluid specifications.
- Ford Motor Co. does not recommend the use of light-duty, full size F-Series vehicles for use on stationary continuous duty applications. The use of a transmission cooler is recommended for these applications. Cooler kit 43MK8205 can be purchased separately. Change PTO to pressure lube (“P” special feature code).
- Gas tank mounted on inside of frame rails rearward of this opening.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	S5-42, S5-47 (Wide Ratio) Total Ratio = 5.72 - 0.76 Footnote (4, 5)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 45T 9.9608P 20° PA 28.5° R.H. LOCATION: Front PLMF: .8647 PLV: 803 FPM RPM: 596				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9905-C3BX	1, 2, 3	Opp	41					Included	Cable	270	51
	TG6S-Z9906-C3BX	1, 2, 3	Opp	53					Included	Cable	245	47
	TG6S-Z9907-C3BX	1, 2, 3	Opp	62					Included	Cable	230	44
	TG6S-Z9908-C3BX	1, 2, 3	Opp	77					Included	Cable	230	44
	TG6S-Z9909-C3BX	1, 2, 3	Opp	80					Included	Cable	205	39
	TG6S-Z9912-C3BH	1, 2, 3	Opp	98					Included	Cable	210	40
	TG6S-Z9913-C3BH	1, 2, 3	Opp	112					Included	Cable	210	40
	TG6S-Z9915-C3BH	1, 2, 3	Opp	126					Included	Cable	195	37
	TG6S-Z9918-C3BH	1, 2, 3	Opp	149					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	6	Crnk	39		39	40TZ9968-1	23M60200S+23M60400	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		7	40TZ9968-1 Change PTO as described in footnote, add 23M60400, 20MK0115.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

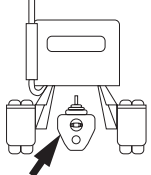

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

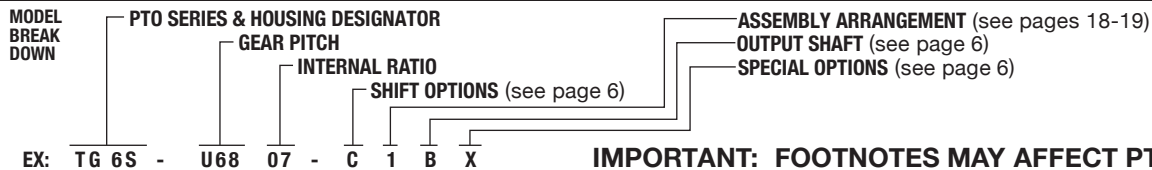
- FOOTNOTES:**
- TG Series Input Gear: #03T17307A — Refer to kit program on pages 10 & 11.
 - Shaft above centerline shown for cross member clearance. The exhaust interferes with PTO housing and may require modification per Ford recommendations.
 - Direct mount pump size is limited by the cross member.
 - Refer to vehicle operator's manual for correct transmission fluid specifications.
 - Ford Motor Co. does not recommend the use of light-duty, full size F-Series vehicles for use on stationary continuous duty applications. The use of a transmission cooler is recommended for these applications. Cooler kit 43MK8205 can be purchased separately. Change PTO to pressure lube ("P" special feature code).
 - Do not use RL for continuous duty applications.
 - When using adapter to change rotation, multiply speed shown by .76. Change the TG Series to S68 (#03T94243) and "2" assembly and add 23M60200S + 20MK6602. TG Series 18 ratio interferes with adapter and cannot be used.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
				S5-42, S5-47 (Wide Ratio) Total Ratio = 5.72 - 0.76 Footnote (3, 4, 7)		
				SAE 6-BOLT OPENING PTO DRIVE GEAR DATA: 45T 9.9608P 20° PA 28.5° R.H. LOCATION: Front PLMF: .8647 PLV: 803 FPM RPM: 596		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9905-C1BX	1, 2	Opp	41					Included	Cable	270	51
	TG6S-Z9906-C1BX	1, 2	Opp	53					Included	Cable	245	47
	TG6S-Z9907-C1BX	1, 2	Opp	62					Included	Cable	230	44
	TG6S-Z9908-C1BX	1, 2	Opp	77					Included	Cable	230	44
	TG6S-Z9909-C1BX	1, 2	Opp	80					Included	Cable	205	39
	TG6S-Z9912-C1BH	1, 2	Opp	98					Included	Cable	210	40
	TG6S-Z9913-C1BH	1, 2	Opp	112					Included	Cable	210	40
	TG6S-Z9915-C1BH	1, 2	Opp	126					Included	Cable	195	37
	TG6S-Z9918-C1BH	1, 2	Opp	149					Included	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	2, 5	Crnk	39		39	40TZ9968-2	23M60200S+23M60400	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		6	40TZ9968-2 Change PTO as described in footnote, add 23M60400, 20MK0115.					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

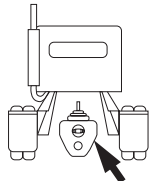

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T17307A— Refer to kit program on pages 10 & 11.
 - Shaft above centerline shown for cross member clearance. The "3" arrangement is used for direct mount pumps because direct mount pump size is limited by the cross member. Recommend PKS-Series with "S" PTO flange option.
 - Refer to vehicle operator's manual for correct transmission fluid specifications.
 - Ford Motor Co. does not recommend the use of light-duty, full size F-Series vehicles for use on stationary continuous duty applications. The use of a transmission cooler is recommended for these applications. Cooler kit 43MK8205 can be purchased separately. Change PTO to pressure lube ("P" special feature code).
 - Do not use RL Series for continuous duty applications.
 - When using adapter to change rotation, multiply speed shown by .76. Change the TG Series to S68 (#03T94243) and "4" assembly and add 23M60200S + 20MK6602. TG Series 18 ratio interferes with adapter and cannot be used.
 - Gas tank mounted on inside of frame rails rearward of this opening.

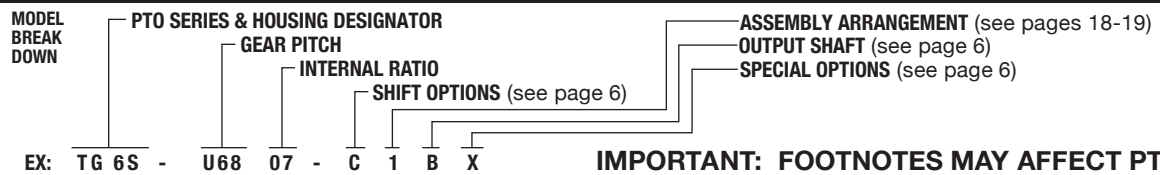
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
	S5-47 5.08-0.77 RATIO (DIESEL) Footnote (5, 7)		SAE 6-BOLT OPENING
	PTO DRIVE GEAR DATA: 43T 9.96P 20°PA 28.5° R.H. LOCATION: Front PLMF: .981 PLV: 867 FPM RPM: 674		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9804-C3BX	1, 3, 4	Opp	28				23M60200S	20MK6603	Cable	285	54
	TG6S-Z9805-C3BX	1, 3, 4	Opp	37				23M60200S	20MK6603	Cable	270	51
	TG6S-Z9806-C3BX	1, 3, 4	Opp	48				23M60200S	20MK6603	Cable	245	47
	TG6S-Z9807-C3BX	1, 3, 4	Opp	56				23M60200S	20MK6603	Cable	230	44
	TG6S-Z9808-C3BX	1, 3, 4	Opp	69				23M60200S	20MK6603	Cable	230	44
	TG6S-Z9809-C3BX	1, 3, 4	Opp	72				23M60200S	20MK6603	Cable	205	39
	TG6S-Z9812-C3BH	1, 3, 4	Opp	92				23M60200S	20MK6603	Cable	210	40
	TG6S-Z9813-C3BH	1, 3, 4	Opp	104				23M60200S	20MK6603	Cable	210	40
	TG6S-Z9815-C3BH	1, 3, 4	Opp	117				23M60200S	20MK6603	Cable	195	37
	TG6S-Z9818-C3BH	1, 3, 4	Opp	135				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	6	Crnk	42		42	40TZ9968-1	(2)23M60200S+23M60062S	20MK6603	Lever	200	38

ADAPTER TO CHANGE ROTATION 2 40TZ9968-1 Change PTO as described in footnote, add 23M60200S + 23M60062S + 20MK0109 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

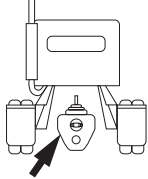

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



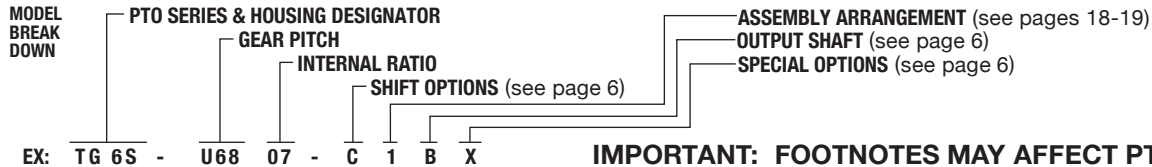
EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- TG Series Input Gear: #03T35935A — Refer to kit program on pages 10 & 11.
 - When using adapter to change rotation. Change the TG Series to S68 (#03T94243) and "2" assembly and add 23M60200S + 20MK6602, multiply TG Series speed shown by .92. TG Series 18 ratio interferes with adapter and cannot be used.
 - Shaft above centerline shown for cross member clearance. The exhaust interferes with PTO and may require modification per Ford recommendations.
 - Direct Mount pump size is limited by cross member.
 - Ford Motor Co. does not recommend the use of light-duty, full size F-Series vehicles for use on stationary continuous duty applications. The use of a transmission cooler is recommended for these applications. Cooler kit 43MK8205 can be purchased separately. Change PTO to pressure lube ("P" special feature code).
 - Do not use RL Series for continuous applications.
 - Refer to vehicle operator's manual for correct transmission fluid applications.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION								LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)				
		S5-47 (5.08-0.77 RATIO) (DIESEL) Footnote (5, 7, 8)						SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA: 43T 9.96P 20°PA 28.5° R.H. LOCATION: Front PLMF: .981 PLV: 867 FPM RPM: 674				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9804-C1BX	1, 3, 4	Opp	28				23M60200S	20MK6603	Cable	285	54
	TG6S-Z9805-C1BX	1, 3, 4	Opp	37				23M60200S	20MK6603	Cable	270	51
	TG6S-Z9806-C1BX	1, 3, 4	Opp	48				23M60200S	20MK6603	Cable	245	47
	TG6S-Z9807-C1BX	1, 3, 4	Opp	56				23M60200S	20MK6603	Cable	230	44
	TG6S-Z9808-C1BX	1, 3, 4	Opp	69				23M60200S	20MK6603	Cable	230	44
	TG6S-Z9809-C1BX	1, 3, 4	Opp	72				23M60200S	20MK6603	Cable	205	39
	TG6S-Z9812-C1BH	1, 3, 4	Opp	92				23M60200S	20MK6603	Cable	210	40
	TG6S-Z9813-C1BH	1, 3, 4	Opp	104				23M60200S	20MK6603	Cable	210	40
	TG6S-Z9815-C1BH	1, 3, 4	Opp	117				23M60200S	20MK6603	Cable	195	37
	TG6S-Z9818-C1BH	1, 3, 4	Opp	135				23M60200S	20MK6603	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.	RL6D-U6805-L2BX	3, 6	Crnk	42		42	40TZ9968-2	(2)23M60200S+23M60062S	20MK6603	Lever	200	38
ADAPTER TO CHANGE ROTATION		2	40TZ9968-2 Change PTO as described in footnote. Add 23M60200S + 23M60062S + 20MK0109					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

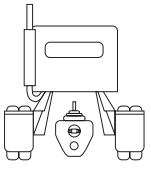



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

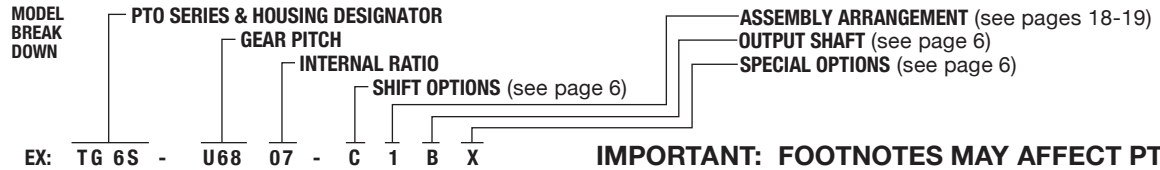
FOOTNOTES:

- TG Series Input Gear: #03T35935A — Refer to kit program on pages 10 & 11.
- When using adapter to change rotation. Change the TG Series to S68 (#03T94243) and "2" assembly and add 23M60200S + 20MK6602, multiply TG Series speed shown by .92. TG Series 18 ratio interferes with adapter and cannot be used.
- Shaft above centerline shown for cross member clearance.
- Direct Mount pump size is limited by cross member. Recommended PKS-Series with TG-"S" PTO flange option and "3" arrangement.
- Ford Motor Co. does not recommend the use of light-duty, full size F-Series vehicles for use on stationary continuous duty applications. The use of a transmission cooler is recommended for these applications. Cooler kit 43MK8205 can be purchased separately. Change PTO to pressure lube ("P" special feature code).
- Do not use RL Series for continuous applications.
- Refer to vehicle operator's manual for correct transmission fluid applications.
- Caution: Gas tank mounted on inside of frame rails rearward of this opening. 4 x 4 driveshaft interference on this side.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION								RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)				
	S6-650 (5.79-0.72 RATIO) (This Opening Not Available On Ford Chassis) (2001-2006 GM 3600 CHASSIS USE CHEV-3 APPL.) Footnote (2)							SAE 6-BOLT OPENING				
								PTO DRIVE GEAR DATA:				
								39T 9.24P 20°PA 36° R.H.	PLMF: .934			
								LOCATION: Front	RPM: 590			
								PLV: 806 FPM				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9207-C1BM	1, 4	Opp	52				23M60270	20MK6604	Cable	230	44
	TG6S-Z9208-C1BM	1, 4	Opp	63				23M60270	20MK6604	Cable	230	44
	TG6S-Z9209-C1BM	1, 4	Opp	66				23M60270	20MK6604	Cable	205	39
	TG6S-Z9212-C1BQ	1, 4	Opp	84				23M60270	20MK6604	Cable	210	40
	TG6S-Z9213-C1BQ	1, 4	Opp	96				23M60270	20MK6604	Cable	210	40
	TG6S-Z9215-C1BQ	1, 4	Opp	108				23M60270	20MK6604	Cable	195	37
	TG6S-Z9218-C1BQ	1, 4	Opp	124				23M60270	20MK6604	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		3	40TZ9210-1 Change PTO to Z93					REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				

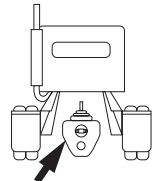
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X **IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION**

- FOOTNOTES:**
- 1 TG Series Input Gear: #03T37260A — Refer to kit program on pages 10 & 11.
 - 2 GM requires DEXRON III fluid, refer to vehicle operator's manual for specifications. This transmission is designed for intermittent duty applications. For continuous duty applications, add the pressure lube option to the PTO ("P" special feature code) and use lube pump kit, 43MK8205 for GM, sold separately.
 - 3 Change TG Series Input Gear: #03T37784A (Z93) — Refer to kit program on pages 10 & 11. Adapter requires derating of application by 30%.
 - 4 Installation of clearance cap (15MK33977) mounted to forward side of PTO.

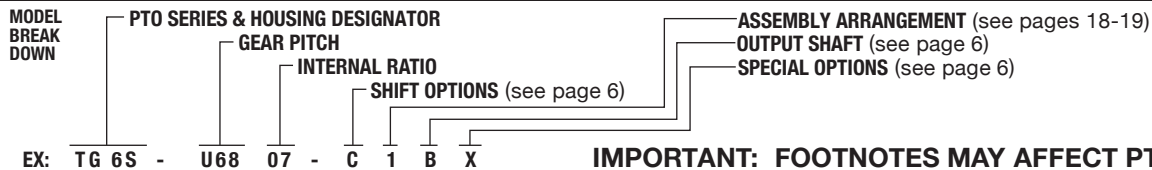
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZED F TRANSMISSION				LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
S6-650 (5.79-0.72 RATIO) 1999 THRU 2007 FORD F-SERIES-SUPER DUTY 2001-2006 GM 3600 SILVERADO/SIERRA 2001-2006 GM C4500/C5500 Footnote (2, 3, 5)				SAE 6-BOLT OPENING		
				PTO DRIVE GEAR DATA: 39T 9.24P 20°PA 36° R.H. LOCATION: Front PLMF: .934 PLV: 806 FPM RPM: 590		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9207-C3BM	1, 6	Opp	52				23M60270	20MK6604	Cable	230	44
	TG6S-Z9208-C3BM	1, 6	Opp	63				23M60270	20MK6604	Cable	230	44
	TG6S-Z9209-C3BM	1, 6	Opp	66				23M60270	20MK6604	Cable	205	39
	TG6S-Z9212-C3BQ	1, 6	Opp	84				23M60270	20MK6604	Cable	210	40
	TG6S-Z9213-C3BQ	1, 6	Opp	96				23M60270	20MK6604	Cable	210	40
	TG6S-Z9215-C3BQ	1, 6	Opp	108				23M60270	20MK6604	Cable	195	37
	TG6S-Z9218-C3BQ	1, 6	Opp	124				23M60270	20MK6604	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 4 40TZ9210-2 Change TG to Z93 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


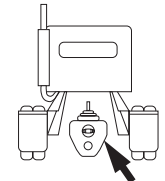
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

- FOOTNOTES:**
- TG Series Input Gear: #03T37260A — Refer to kit program on pages 10 & 11.
 - For direct mount pump use "Q" hyd. flange with PH pump or "T" hyd. flange with PF4 Series pump. Note: Other mounting flanges have not been installed successfully. Case modification is required for direct mount pumps per Ford's Body Builders Book. 2003 Bell housing does not allow pump mounting to the front.
 - The transmission used by FORD requires the use of mineral based transmission oil and those used by GM require DEXRON III fluid, refer to vehicle operator's manual for specifications. The transmission is designed for intermittent duty applications. For continuous duty applications, add the pressure lube ("P" special feature code) to the PTO and use lube pump kit, 43TK6065P for FORD or 43MK8205 for GM, sold separately.
 - Change TG Series Input Gear: #03T37784A (Z93) — Refer to kit program on pages 10 & 11. Adapter requires derating of application by 30%, due to gear misalignment.
 - Standard remote driveshaft installations require the 40TZ9210-2 adapter for shaft clearance and are usable on 4x2 chassis only. Change the TG6S to Z93 input gear (03T37784A). Refer to the adapter gear in the index for further information. Adapter requires derating of application by 30%.
 - Installation of clearance cap (15MK33977) mounted to forward side of PTO.

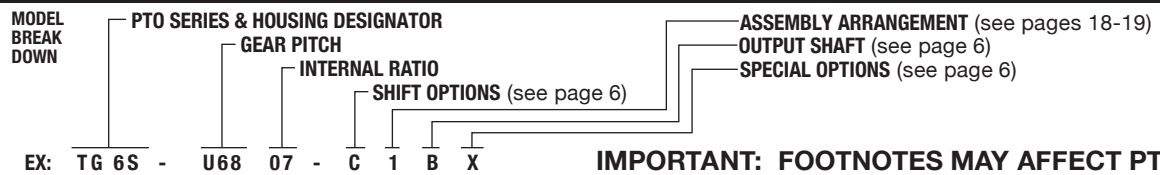
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ZF TRANSMISSION	REAR ONLY	
6S-850 Footnote (1)		METRIC 4-BOLT OPENING	
		PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM: 530	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P82Z2-A1CX	1, 2	Crnk	70					199K7190000	Air	220	42
	RS4S-P86Z5-A1CX	1, 2	Crnk	96					199K9150000	Air	258	49
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



EX: TG 6S - U68 07 - C 1 B X IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- Rear Counter Shaft mount PTO.
For Hyundai/Bering truck chassis with 6S-850 (8.51 1st gear); multiply speeds by .79
For 2007 & later PACCAR vehicles with 6S-850 (6.72 1st gear); speeds as shown.
- Air Shift Only. 1310 Series companion flange. Direct mount pump is not recommended.

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF TRANSMISSION			6S-850	PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


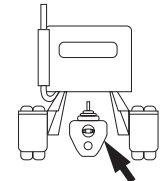
8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

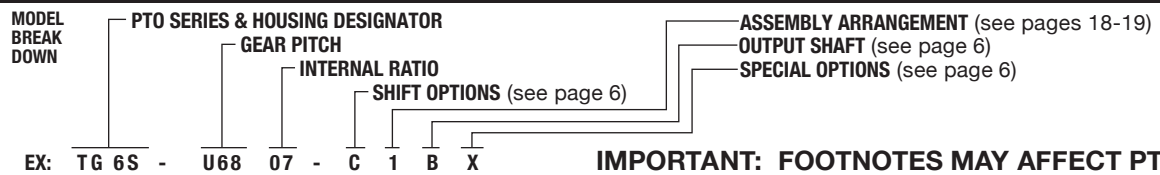
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

	ZF TRANSMISSION	REAR ONLY	
S5-35		METRIC 4-BOLT OPENING	
		PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:	

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P82Z2-A1CX	1, 2	Crnk	69					199K1280000	Air	220	42
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

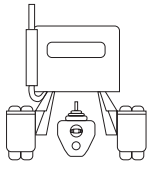



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Rear Counter Shaft mount PTO.
- 2 Air Shift only, 1310 Series companion flange. Direct mount pump is not recommended.

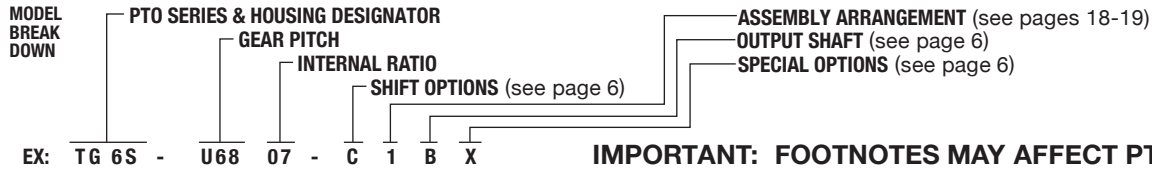
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF TRANSMISSION								
	S5-35				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX


8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

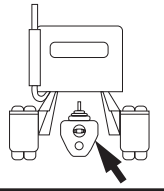


IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

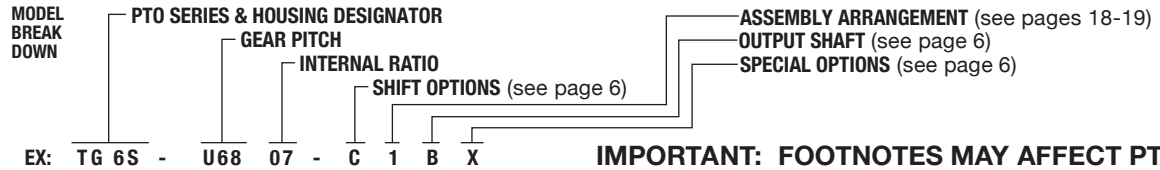
FOOTNOTES:

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF TRANSMISSION								REAR ONLY				
		9S-75 (13.16 1ST RATIO)						METRIC 4-BOLT OPENING				
								PTO DRIVE GEAR DATA: LOCATION: PLV: PLMF: RPM:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	RS4S-P86Z4-A1CX	1, 2, 3	Crnk	57			601K5420000		199K7850000	Air	369	70
	RS4S-P86Z3-A1CX	1, 2, 3	Crnk	83			601K5420000		199K7850000	Air	332	63
	RS4S-P86Z2-A1CX	1, 2, 3	Crnk	97			601K5420000		199K7850000	Air	295	56
	RS4S-P86Z1-A1CX	1, 2, 3	Crnk	112			601K5420000		199K7850000	Air	258	49
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												
ADAPTER TO CHANGE ROTATION		No Adapter Available						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX				



8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

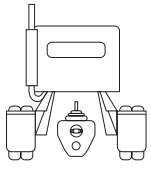



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 Rear Counter Shaft mount PTO.
- 2 Continuous duty applications require lubrication kit 195KL12F591, sold separately.
- 3 Air Shift only, 1310 Series companion flange. Direct mount pump is not recommended.

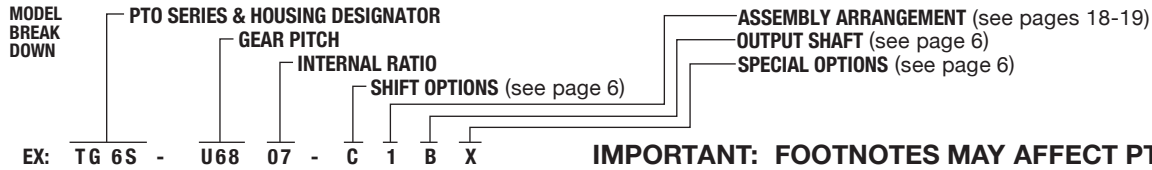
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF TRANSMISSION								
	9S-75				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:			

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

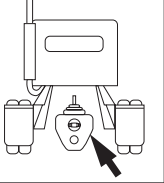

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

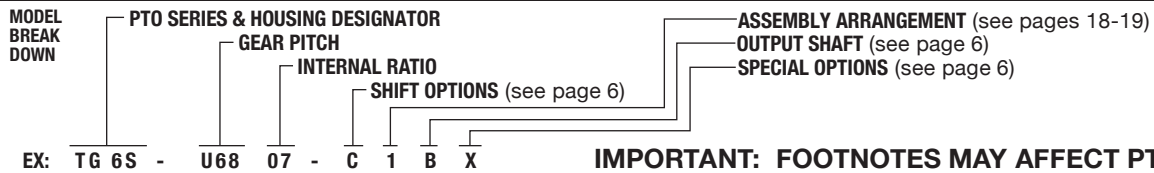
ZF TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)		
		S6-750 (2008 - 2010 - FORD MANUAL))				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:		

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE											
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION No Adapter Available REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

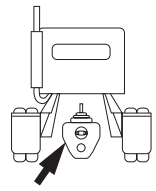

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

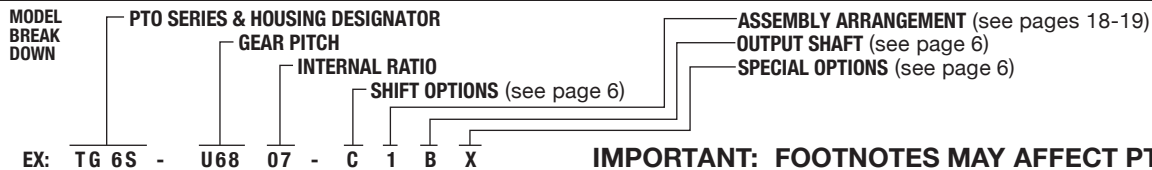
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF TRANSMISSION	LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)	
 S6-750 (2008 - 2010 - FORD MANUAL)	METRIC 6-BOLT OPENING	
		PTO DRIVE GEAR DATA: 39T 9.24P 23°PA 36.05° R.H. LOCATION: Front PLMF: 1.085 PLV: 807 FPM RPM: 590

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	TG6S-Z9004-C3BX	1, 2	Opp	26				23M60270	20MK6604	Cable	285	54
	TG6S-Z9005-C3BX	1, 2	Opp	34				23M60270	20MK6604	Cable	270	51
	TG6S-Z9006-C3BX	1, 2	Opp	44				23M60270	20MK6604	Cable	245	47
	TG6S-Z9007-C3BX	1, 2	Opp	52				23M60270	20MK6604	Cable	230	44
	TG6S-Z9008-C3BX	1, 2	Opp	64				23M60270	20MK6604	Cable	230	44
	TG6S-Z9009-C3BX	1, 2	Opp	66				23M60270	20MK6604	Cable	205	29
	TG6S-Z9012-C3BH	1, 2	Opp	81				23M60270	20MK6604	Cable	210	40
	TG6S-Z9013-C3BH	1, 2	Opp	92				23M60270	20MK6604	Cable	210	40
	TG6S-Z9015-C3BH	1, 2	Opp	104				23M60270	20MK6604	Cable	195	37
	TG6S-Z9018-C3BH	1, 2	Opp	124				23M60270	20MK6604	Cable	175	33
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION 1 40TZ9055-2 Change PTO to Z91 input 03T39482 REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												

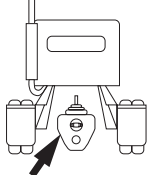



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

- 1 TG Series Input Gear 03T39491.
- 2 Transmission requires Ecofluid M type oil (Do Not Use Type H transmission fluid).
- 3 The 2008 Ford has shown to have some interference issues with the crossover exhaust in front of the PTO opening and the use of the adapter 40TZ9055-2 and TG6S-Z91** Series PTO is suggested. The PTO spacer is not required and the standard stud kit is included with PTO. GAS engine applications have interference to PTO opening by a catalytic converter, the adapter does not help with the GAS interference. Re-routing of the exhaust may be required.

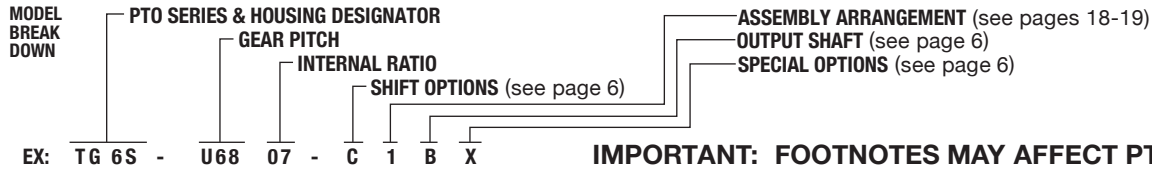
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

ZF TRANSMISSION						LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)		
 <div style="display: inline-block; width: 150px; height: 50px; border: 1px solid black; text-align: center; vertical-align: middle;"> 6S 380 </div>						SAE 6-BOLT OPENING		
						PTO DRIVE GEAR DATA:		

6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE GEAR												
SINGLE SPEED MULTI GEAR	HC6S-P22Z3-C3BX	1	Opp	115					Included	Cable	132	25
SH SERIES												
CLUTCH SHIFT												
1 FWD. 1 REV.												

ADAPTER TO CHANGE ROTATION
No Adapter Available
REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

1 Standard output is 1000 Series companion flange. "K" hydraulic mount SAE-B option is available.

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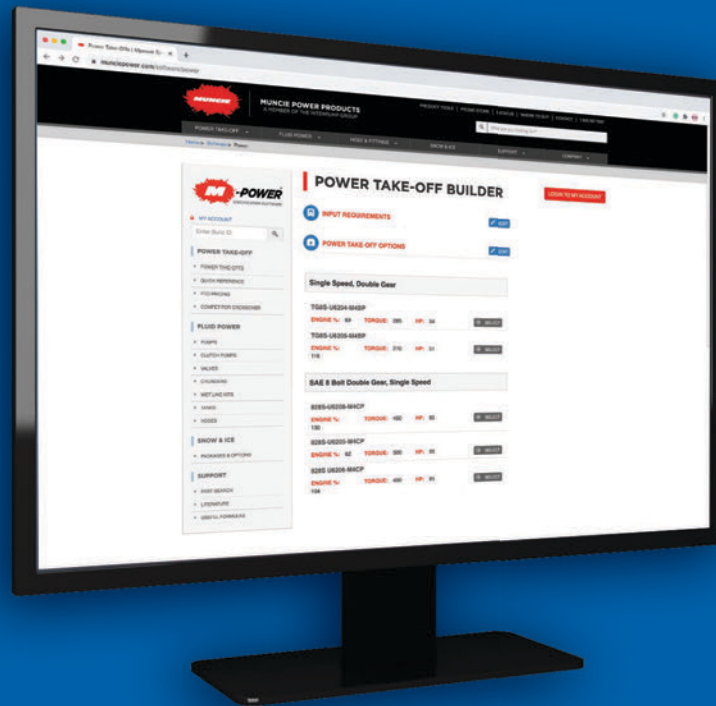
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PTO QUICK REFERENCE CATALOG



Our PTO Quick Reference Catalog is a resource tool for information on all our PTOs. This catalog is also available online through the M-Power Specification Software, featuring the most up-to-date information.



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