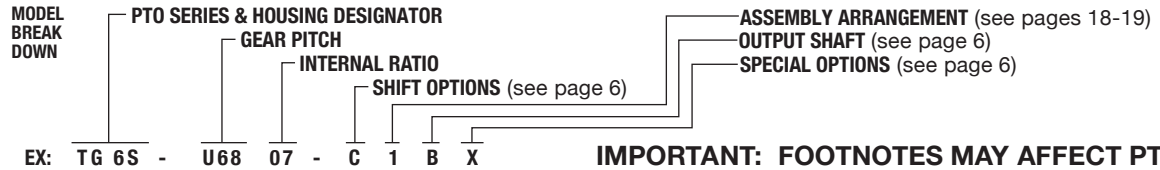


CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

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:				
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			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
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 PKS1-15-02BPBB. 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.