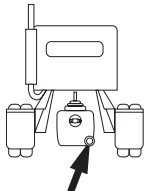



CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

DETROIT DIESEL TRANSMISSION								REAR SIDE ONLY (BOTTOM OPENING TURN PAGE)					
		DT12-OD, DT12-OVX Footnotes (1, 2, & 3) REQUIRES PTO PREP – CODE See Footnote (2)						METRIC OPENING					
								PTO DRIVE GEAR DATA: N/A LOCATION: Front      PLMF: N/A PLV: N/A              RPM: 969					
6-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			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	295	57	
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.													

MODEL  
BREAK  
DOWN

PTO SERIES & HOUSING DESIGNATOR

GEAR PITCH

INTERNAL RATIO

SHIFT OPTIONS (see page 21)

ASSEMBLY ARRANGEMENT (see page 21)

OUTPUT SHAFT (see page 21)

SPECIAL OPTIONS (see page 21)

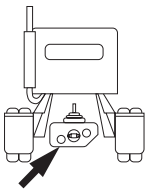

EX: TG 6S - U68 07 - C 1 B X

**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 prep package required! Components for PTO activation are supplied with chassis, and do not come with PTO. 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.
- 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. Pump support brackets are not permitted on rear PTO. as per the transmission manufacturer!

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

DETROIT DIESEL TRANSMISSION								BOTTOM OPENING ONLY (REAR OPENING TURN PAGE)					
		<b>DT12-OD, DT12-OVX</b> Footnotes (1, 2, 3, 4, 5, & 7) <b>REQUIRES PTO PREP – CODE See Footnote (7)</b>						<b>8-BOLT OPENING</b>					
								<b>PTO DRIVE GEAR DATA:</b> 40T Gear <b>LOCATION:</b> Rear <b>PLMF:</b> 1.659 <b>PLV:</b> 584 FPM <b>RPM:</b> 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	CS8S-U6806-P4BX	6	OPP	84			40TA6480		Included	Elec/Air	250	48	
	CS8S-U6807-P4BX	6	OPP	105			40TA6480		Included	Elec/Air	250	48	
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	159			40TA6480	23M80062+23M80062	Included	Air	248	47	
	828S-U6819-T4CX		OPP	190			40TA6480	23M80248	20MK8817	Air	190	36	
1 FWD. 1 REV.													

MODEL BREAK DOWN

PTO SERIES & HOUSING DESIGNATOR

GEAR PITCH

INTERNAL RATIO (see pages 6 & 13)

SHIFT OPTIONS

ASSEMBLY ARRANGEMENT (see pages 6 & 13)

OUTPUT SHAFT (see pages 6 & 13)

SPECIAL OPTIONS (see pages 6 & 13)

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 27 & 28.
- 2 Transmission manufacturer specified maximum PTO output speed is 2,500 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 Max PTO power consumption limited to 61 HP (46 kW) on mobile applications, as per transmission manufacturer. PTO rating has been reduced to prevent this limit being exceeded. Confirm HP requirement before ordering PTO.
- 7 PTO prep package required! Components for PTO activation are supplied with chassis, and do not come with PTO. Order code 362-1U1 (TG or CS Series installations) or 262-805 (82 Series installations) from dealer at time of vehicle order.

**Obsolescence Notice:** \* PTO Model Number options with an asterisk and in italics are obsolete.  
Input gears will be available as service parts only, until inventory is depleted.