

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-**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
					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					23M60200S	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						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						

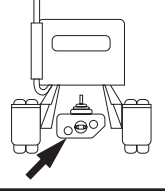

8-BOLT TYPE	PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE%			ADAPTER	SPACER	STUD KIT	SHIFT TYPE	INTERMITTENT RATING @ 1,000 RPM OF PTO	
				HI	LO	REV					TORQUE	HP
SINGLE SPEED MULTI GEAR												
1 FWD. 1 REV.												



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 PKS1-15-02BPBB. 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-**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:	
	47T 6P 20° PA Spur			LOCATION: Front		PLMF: .810	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	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					Included	Power	200	38		
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				23M80062+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 – refer to kit program on pages 10 & 11.
- 3 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.
- 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.
- 6 18 Ratio TG interferes 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 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 TM1B-127. Maximum PTO torque must not exceed this rating or the PTO rating shown on page 22 of the General Information section.
- 10 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.
- 11 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.
- 12 ** refers to transmission torque rating code, 10, 14, 15, 16, 18, 20, 22. Does not change PTO application.