

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

FULLER TRANSMISSION							RIGHT SIDE ONLY (BOTTOM OPENING TURN PAGE)					
	RTA0-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTA0-10710C-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), 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, 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	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, 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	40TU6855-1				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.
 - TG Series Input Gear: #03T94243.
 - 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 PKS1-15-2BPBB. 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.
 - RL Series with combined reduction gear box. ("03"Ratio).
 - 18 ratio TG Series interferes with adjacent transmission gear.
 - 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.
 - 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.
 - 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.
 - 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)						
	RTA0-10710C-AC, 12710C-AC, 14710C-AC, 16710C-AC, RTA0-10710C-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:			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	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	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	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.													



- 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.
 - 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 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.
 - 11 AS2 or AS3 Auto Shift transmissions need to be connected to PTO through the TCM per Eaton instructions.
 - 12 Transmissions with clutch assist cylinders interfere with “3” arrangement PTO.