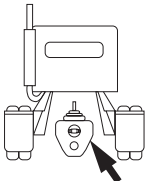

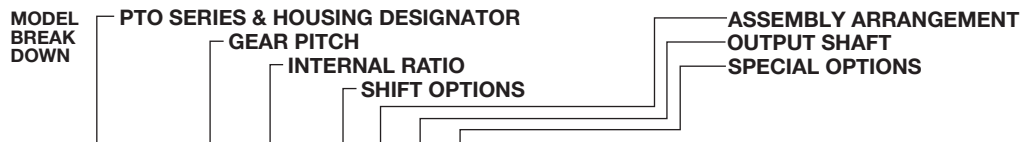


ALLISON TRANSMISSION							RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)									
 3700, 3700 SPS							ALLISON 10-BOLT OPENING									
							10-BOLT TYPE		PTO MODEL NUMBER	FOOT NOTES	SHAFT ROTATION	ENGINE %	STUD KIT	SHIFT TYPE	SHAFT EXTENSION	PTO DRIVE GEAR DATA: 68T 10.16P 20PA 19.3 L.H. LOCATION: Front PLMF: 1.775 PLV: 1856 FPM RPM: 1,000
PTO INTERFERENCE																
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.	CONST. DRIVE MULTI GEAR															
	CLUTCH SHIFT MULTI GEAR															
	CLUTCH SHIFT MULTI GEAR HEAVY DUTY															
	OPTIONAL REDUCTION GEARBOX															

No Adapter Available

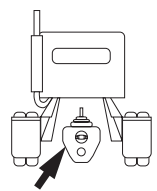



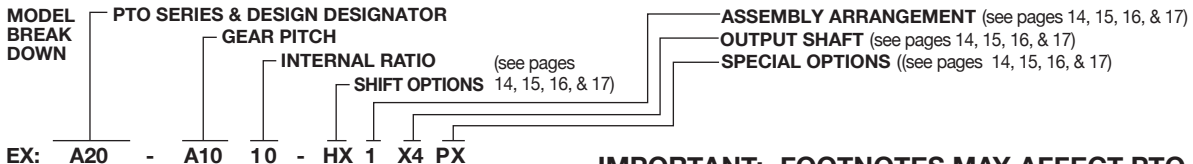
EX:

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 Footnotes (1, 2, & 4)					
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								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					



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 PTO ratings are found on page 17 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 ratings shown on page 17, 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.