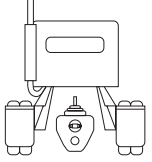

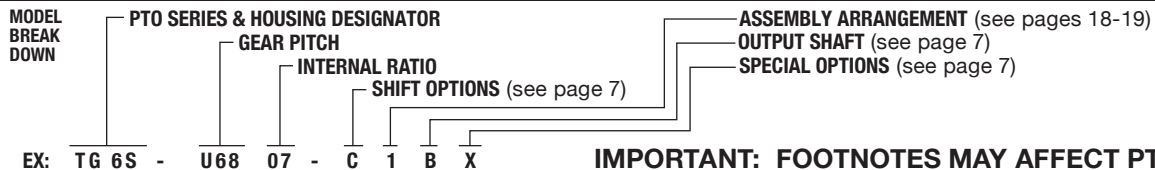


FORD TRANSMISSION						RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)					
		2006-2009 FORD/INTERNATIONAL LOW CAB FORWARD CHASSIS TORQSHIFT 4x2 AUTOMATIC				PTO DRIVE GEAR DATA: LOCATION: PLMF: PLV: RPM:					
6-BOLT TYPE											
SINGLE GEAR											
SINGLE SPEED MULTI GEAR	NO PTO OPENING - SEE OTHER SIDE										
SH SERIES											
CLUTCH SHIFT											
1 FWD. 1 REV.											
ADAPTER TO CHANGE ROTATION						REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX					

8-BOLT TYPE											
SINGLE SPEED MULTI GEAR											
1 FWD. 1 REV.											



IMPORTANT: FOOTNOTES MAY AFFECT PTO SELECTION

FOOTNOTES:

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

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
 2006-2009 FORD/INTERNATIONAL LOW CAB FORWARD CHASSIS TORQSHIFT 4x2 AUTOMATIC Footnote (1, 4)							FORD 6-BOLT OPENING					PTO DRIVE GEAR DATA: 121T 14.23P 17.9° PA SPUR LOCATION: Rear PLMF: 1.742 PLV: 2226 FPM RPM: 1,000	
							6-BOLT TYPE		PTO MODEL NUMBER				
SINGLE SPEED MULTI GEAR	FR63-F1506-I4BX FR63-F1506-I4TX	2 3	Opp Opp	126 126					Included Included	Power Power	190 190	55 55	

FOOTNOTES:

- Minimum Engine Speed for PTO Operation = 1,200 RPM.
- Remote mount 1¼" Rd output shaft.
- Direct Mount Pump Output. See charts below for hydraulic pump applications ["R" option (¾-9T) and "Q" option (¾-13T) output shaft options are available].
- PTO HP shown is based on the min. 1,200 Engine RPM and PTO output shaft at 1,512 RPM.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to the closest pump output flow to meet your application. Follow the grid up to the top to read the basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter the engine operating speed to match your desired flow.
- If your system required 9 GPM to operate, then you would look for 9 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 9 GPM you require at an engine speed of 1,200 RPM. You would also get 9 GPM if you select the PF4-368 pump, but you would need to operate the engine at 2,000 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF4 Series would follow the form of: **PF4-***-16ASRL**. The PK Series would follow the form of: **PK**-16ASBB** (Pump rear ports are used in this installation. Order appropriate fittings separately.)

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PK13- PK11- PK8- PF4-870- PF4-818 PF4-714- PF4-606- PF4-502- PF4-424

ENGINE SPEED	2.96 cu.in./Rev		2.46 cu.in./Rev		1.97 cu.in./Rev		2.01 cu.in./Rev		1.83 cu.in./Rev		1.71 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,000		3,000		3,000		2,320		2,900		2,900		3,625		3,625		3,625
1,200	19.4	3,000	16.1	3,000	12.9	3,000	13.2	2,320	12.0	2,900	11.2	2,900	9.2	3,625	7.6	3,625	6.4	3,625
1,300	21.0	3,000	17.4	3,000	14.0	3,000	14.3	2,320	13.0	2,900	12.1	2,900	9.9	3,625	8.2	3,625	6.9	3,625
1,500	24.2	3,000	20.1	3,000	16.1	3,000	16.4	2,320	14.0	2,900	14.0	2,900	11.5	3,625	9.5	3,625	8.0	3,625
1,700	27.4	3,000	22.8	3,000	18.3	3,000	18.6	2,320	17.0	2,900	15.9	2,900	13.0	3,625	10.8	3,625	9.1	3,625
1,900	30.7	3,000	25.5	3,000	20.4	3,000	20.8	2,320	19.0	2,900	17.7	2,900	14.5	3,625	12.0	3,625	10.2	3,625
2,100	33.9	3,000	28.2	3,000	22.6	3,000									13.3	3,625	11.2	3,625
2,300			30.9	3,000	24.7	3,000									14.6	3,625	12.3	3,625

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-368- PF-290- P4-264- PF4-212- PF4-160

ENGINE SPEED	0.85 cu.in./Rev		0.73 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625
1,200	5.6	3,625	4.8	3,625	4.0	3,625	3.2	3,625	2.4	3,625
1,300	6.0	3,625	5.2	3,625	4.3	3,625	3.5	3,625	2.6	3,625
1,500	7.0	3,625	6.0	3,625	5.0	3,625	4.0	3,625	3.0	3,625
1,700	7.9	3,625	6.8	3,625	5.7	3,625	4.5	3,625	3.4	3,625
1,900	8.8	3,625	7.6	3,625	6.3	3,625	5.1	3,625	3.8	3,625
2,100	9.7	3,625	8.4	3,625	7.0	3,625	5.6	3,625	4.2	3,625
2,300	10.7	3,625	9.2	3,625	7.7	3,625	6.1	3,625	4.6	3,625

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

Engine Speed × 126% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.26 = 1,764 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of: Disp × RPM / 231

1.4 × 1,764 / 231 = 10.6 GPM

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.