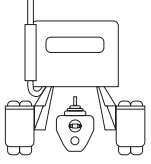



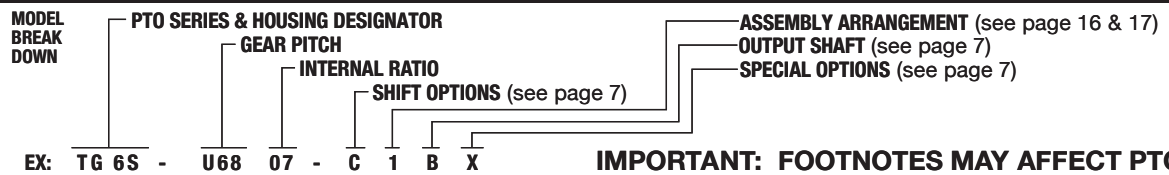
CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION	RIGHT SIDE ONLY (LEFT SIDE TURN PAGE)	
	4R100 4x4 AUTOMATIC (1998-2002 DIESEL) (1998-2004 GAS)	

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	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	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:

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

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)					
 4R100 4x4 AUTOMATIC (1998-2002 DIESEL) (1998-2004 GAS) Footnote (1, 2, 5)							FORD 6-BOLT OPENING					
							PTO DRIVE GEAR DATA: 115T 14.20P 15.9° PA 18° L.H. LOCATION: Front PLMF: 1.742 PLV: 2230 FPM RPM: 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 SPEED MULTI GEAR	FA64-F1406-H2TX	3, 4	Opp 3	134					Included	Power	127	39

FOOTNOTES:

- Minimum Engine Speed for PTO Operation of 6.8L GAS = 1,300 RPM.
- Minimum Engine Speed for PTO Operation of 7.3L DIESEL = 1,200 RPM.
- Direct Mount Pump Output. See charts below for hydraulic pump applications. The Pump size on GAS applications are restricted by case interference. Requires R.H. rotation pump.
- PTO output torque rating is based on the maximum available torque from the transmission. The PTO HP shown is based on the Min. 1,200 Engine RPM and PTO output shaft at 1,608 RPM.
- Wiring harness #34T38267 required when used with Ford APCM, sold separately.

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 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 8 GPM you require at an engine speed of 1,200 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 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-***-16ASBR**. The PF4 Series pump has specific components for this application and is the only pump recommended.

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE (Diesel Engine [Only] Application)

PF4-606- PF4-502- PF4-424- PF4-368- PF4-290 PF4-264- PF4-212- PF4-160-

ENGINE SPEED		cu.in./Rev		1.16 cu.in./Rev		0.98 cu.in./Rev		0.85 cu.in./Rev		0.67 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	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
			3,265		3,625		3,000		2,320		2,900		2,900		3,625		3,625
1,200	9	3,265	7.5	3,625	6	3,625	5.5	3,625	4	3,625	4	3,625	3	3,625	2	3,625	
1,400	11	3,265	9	3,625	7.5	3,625	6.5	3,625	5	3,625	4.5	3,625	3.5	3,625	3	3,625	
1,600	12	3,265	10	3,625	8.5	3,625	7	3,625	5.5	3,625	5	3,625	4	3,625	3	3,625	
1,800	13	3,265	11	3,625	9.5	3,625	8	3,625	6.5	3,625	6	3,625	4.5	3,625	3.5	3,625	
2,000			12.5	3,625	10.5	3,625	9	3,625	7	3,625	6.5	3,625	5	3,625	4	3,625	
2,200			14	3,625	11.5	3,625	10	3,625	8	3,625	7	3,625	6	3,625	4.5	3,625	
2,500																	

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE (Gas Engine [Only] Application)

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

ENGINE SPEED		0.85 cu.in./Rev		0.67 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
1,300	5.5	3,625	4	3,625	4	3,625	3	3,625	2	3,625	
1,500	6.5	3,625	5	3,625	4.5	3,625	3.5	3,625	3	3,625	
1,700	7	3,625	5.5	3,625	5	3,625	4	3,625	3	3,625	
1,900	8	3,625	6.5	3,625	6	3,625	4.5	3,625	3.5	3,625	
2,100	9	3,625	7	3,625	6.5	3,625	5	3,625	4	3,625	
2,300	19	3,625	8	3,625	7	3,625	6	3,625	4.5	3,625	
2,500											

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 × 134% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.34 = 1,876 RPM PTO

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

1.4 × 1,876 / 231 = 11.4 GPM

* Theoretical Flow shown

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