



PF3 CLUTCH PUMP AND ENGINE MOUNTING KITS

Pumps and poly-v belt drive systems are designed for applications on late model chassis to provide high pressure at low flow rates in a small package. The pump and drive system install quicker and easier than ever before.

All New Pump & Drive System



APPLICATIONS

- Aerial Equipment • Tow Equipment
- Dump Bodies • Cranes • Hay Beds • Lift Gates

PUMP FEATURES

- 8 Standard Sizes • Pressures to 3625 PSI (250 Bar) • Speeds to 3000 RPM
- Pressure Balanced Wear Blocks • SAE Side and Rear O-Ring Ports • One Year Warranty
- Rocker Switch with light, wiring and vehicle protection harness kit included
- Tapered Shaft for proper clutch position and long life

ENGINE MOUNTING KIT FEATURES

- Poly-V belt Drive • Compact Package • Lighter Weight
- Spring Loaded Belt Tensioners • Cast Iron Pulleys (where applicable)

PF3 PUMP MODELS AND SPECIFICATIONS INCLUDES PUMP, APPROPRIATE CLUTCH, AND ROCKER SWITCH KIT

MODEL NUMBER (REF. GPM @ 1000RPM)	DISPL CU IN (CC)	MAX*** RPM	MIN RPM	MAX** PSI (BAR)	MAX OIL TEMP.	MAX INLET VACUUM
SB*-PF3186-ASBRM	.43 (7)	3000	500	3625 (250)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3264-ASBRM	.61 (10)	3000	500	3625 (250)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3315-ASBRM	.73 (12)	3000	500	3625 (250)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3368-ASBRM	.85 (14)	3000	500	3625 (250)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3444-ASBRM	1.03 (16)	3000	500	3400 (235)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3515-ASBRM	1.19 (19)	3000	500	3000 (207)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3580-ASBRM	1.34 (22)	3000	500	2600 (180)	200°F (93°C)	6 IN.HG. (.20 BAR)
SB*-PF3753-ASBRM	1.74 (28)	2500	500	2000 (138)	200°F (93°C)	6 IN.HG. (.20 BAR)

*Fill in with either a "6" for six groove clutch or an "8" for eight groove clutch.

**Pressures shown determined by belt capacity. Pump capacity may be higher. 10 HP limitation recommended for all inline type drives, unless noted differently.

***Maximum RPM shown at 0 In.Hg. Vacuum

Approx. Weight: 18.9 lbs (8.50 Kg) • Filtration cleanliness rec. is ISO 17/14 or better • Rec. continuous duty oil viscosity is 60-1000 SSU • Min. Voltage: 11.5V
SAE Porting: Rear: -12 inlet & -10 outlet. Side pressure port -10 • Side Inlet: on 1.86-3.68 models -12, Side inlet port on 4.44-7.53 models -16.

ENGINE MOUNTING KITS FOR PF3 PUMPS: Mounting kits are designed for vehicles with or without air conditioning unless noted otherwise. Drive category indicates the type of clutch to be used, 6 or 8 groove pulley, engine %, and how it's driven: **I** = inline to OEM belts **A** = add on pulley

LITER	TYPE	DRIVE (ENG%)	YEAR	CHASSIS	KIT MODEL NO.	COMMENTS
CHEVROLET/GMC						
5.3, 6.0	Gas	I6 (125)	1999 - '10	Silverado 1500 - 3500	CMKC99-5360-YP6-AC	W/wo 130/145 Alt.
5.3, 6.0	Gas	I6 (125)	2003 - '10	G1500-3500/Van	CVK03-5360-YP6-AC	5 HP Limit
5.7	Gas	I6 (125)	1996 - '02	PU(96-00)/Van(97-02)	CMKC96-5057-YP6-AC	
6.6	Dsl	I6 (125)	2001 - '10	2500 HD, 3500*	CMKC06-6600-YP6-AC	8 HP Limit, 1.19 cu.in. max. pump, Wo Dual Alt.
6.6	Dsl	A8 (118)	2003 - '04 1/2	4500, 5500	CMKC03-660M-ZP8-AC	LB7 Emission Code
6.6	Dsl	I6 (125)	2003 - '04 1/2	4500, 5500	CMKC03-661M-YP6-AC	5 HP Limit, LB7 Emission Code, Single Alt.
6.6	Dsl	I6 (125)	2003 - '04 1/2	4500, 5500	CMKC03-662M-YP6-AC	5 HP Limit, LB7 Emission Code, Dual Alt.
6.6	Dsl	A8 (118)	2004 - '07 1/2	4500, 5500	CMKC06-660M-ZP8-AC	LLY Emission Code (1/04 & Later)
6.6	Dsl	A8 (118)	2007 1/2 - '10	4500, 5500	CMKC07-660M-ZP8-AC	LLY Emission Code
7.2	Dsl	I8 ('137)	2004 - '07 1/2	C6500, 7500, 8500	CMKC04-3126-YP8-AC	CAT C7 (3126)
8.1	Gas	I6 (125)	2001 - '06	2500 HD, 3500	CMKC01-8100-YP6-AC	Driver's Side Alt.
DODGE						
5.7	Gas	I8 (128)	2003 - '08	2500, 3500	CMKD03-5700-YP8-AC	With AC Only
6.7	Dsl	I8 ('137)	2007 1/2 - '10	3500, 4500, 5500	CMKD08-6700-YP8-AC	10 HP Limit
FORD						
4.5	Dsl	I8 ('137)	2005 - '07 1/2	LCF	CMKF06-4500-YP8-AC	VT275, With AC Only
5.4	Gas	A8 (118)	1999 - '04	F250-550 SD, Van ('97-'10)	CMKF99-5400-SP8-AC**	
5.4, 6.8	Gas	A8 (118)	1999 - '04	F250-550 SD, Van ('97-'10)	CMKF99-5468-ZP8-AC	5 HP Limit
5.4, 6.8	Gas	I6 (108)	2002 - '04	F250-550 SD, Van ('97-'10)	CMKF02-5468-YP6-AC	5 HP Limit
5.4, 6.8	Gas	I6 (125)	2005 - '10	F250-550 SD	CMKF05-5468-YP6-AC	5 HP Limit, 3 Valve Engine, With AC Only
5.4, 6.8	Gas	A8 (118)	2005 - '10	F250-550 SD	CMKF05-5468-ZP8-AC	5 HP Limit, 3 Valve Engine
5.4, 6.8	Gas	A8 (118)	2005 - '10	F250-550 SD	CMKF05-5468-SP8-AC**	18 HP Limit, 3 Valve Engine
5.9	Dsl	I8 ('137)	2004 - '07 1/2	F650-750	CMKF04-590M-YP8-AC	• 10 HP Limit, With AC, Fits up to 230 HP Engine
5.9	Dsl	I8 ('137)	2004 - '07 1/2	F650-750	CMKF04-590M-YP8	10 HP Limit, Without AC, Fits up to 230 HP Engine
6.0	Dsl	I6 (133)	2003 - '07 1/2	F250-550 SD	CMKF03-6001-YP6-AC	With Dual Alt.
6.0	Dsl	I8 ('137)	2004 - '07 1/2	F250-550 SD	CMKF03-6000-YP8-AC	5 HP Limit, Without Dual Alt.
6.0	Dsl	A8 (118)	2004 - '07 1/2	F250-550 SD	CMKF03-600A-ZP8-AC	Without Dual Alt.
6.0	Dsl	I8 ('137)	2004 - '07 1/2	F650-750	CMKN03-3650-YP8	VT365, Without AC, W/wo Air Brakes
6.4	Dsl	I8 ('137)	2007 1/2 - '10	F250-550 SD	CMKF08-6400-YP8-AC	5 HP Limit, Single Alt. Only, Without Vacuum Pump
6.7	Dsl	I8 ('137)	2007 1/2 - '10	F650-750	CMKF08-6701-YP8-AC	With AC only, W/wo Air Brakes
6.8	Gas	A8 (118)	1999 - '04	F250-550 SD, Van ('97-'10)	CMKF99-6800-SP8-AC**	
7.2	Dsl	I8 (131)	2004 - '07 1/2	F650-750	CMKF04-3126-YP8-AC	10 HP Limit, Cat 3126, 4 Bolt Alt.
7.3	Dsl	I8 (118)	1999 - '03	F250-550 SD	CMKF99-7300-YP8	Without AC
7.3	Dsl	A8 (118)	1999 - '03	F250-550 SD	CMKF99-7300-ZP8-AC	
7.3	Dsl	A8 (118)	1999 - '03	F250-550 SD	CMKF99-7302-ZP8-AC*	With Single Alt.
INTERNATIONAL (NAVISTAR)						
4.5	Dsl	I8 ('137)	2005 - '10	CF	CMKF06-4500-YP8-AC	VT275, With AC Only
6.0	Dsl	I8 ('137)	2003 - '07 1/2	4200	CMKN03-3650-YP8	VT365, Without AC Only
7.6	Dsl	I8 ('137)	2005 - '07 1/2	4300, 4400	CMKN05-4600-YP8-AC	10 HP Limit, DT466, DT530, With AC Only, 4 Bolt Alt.
7.6, 8.7, 9.3	Dsl	I8 ('137)	2005 - '07 1/2	7300, 7400, 7500	CMKN05-53XX-YP8-AC	10 HP Limit, DT466, DT530, DT570, 4 Bolt Alt., Installer Supplies Belt
ISUZU						
4.75, 5.2	Dsl	A8 (118)	1999 - '07 1/2	NPR, W3500, W4500	CMKI03-4700-ZP8-AC	
5.2	Dsl	A8 (118)	2007 1/2 - '10	NPR, W3500, W4500	CMKI08-5200-ZP8-AC	
6.0	Gas	I6 (125)	2004 - '10	NPR, W3500, W4500	CMKI04-6000-YP6-AC	8 HP Limit
MERCEDES GROUP (FREIGHTLINER & STERLING)						
6.4, 7.2	Dsl	I8 ('137)	2004 - '07 1/2	Actera, M2-100, M2-106	CMKM04-9002-YP8-AC	10 HP Limit, MBE906, MBE926, 2 bolt Alt., With AC Only
6.4, 7.2	Dsl	I8 ('137)	2004 - '07 1/2	Actera, M2-100, M2-106	CMKM04-9004-YP8-AC	10 HP Limit, MBE906, MBE926, 4 bolt Alt., With AC Only
6.4, 7.2	Dsl	I8 ('137)	2004 - '07 1/2	Actera, M2-100, M2-106	CMKM04-9002-YP8	10 HP Limit, MBE906, MBE926, 2 bolt Alt., Without AC Only
6.4, 7.2	Dsl	I8 ('137)	2004 - '07 1/2	Actera, M2-100, M2-106	CMKM04-9004-YP8	10 HP Limit, MBE906, MBE926, 4 bolt Alt., Without AC Only

*Fits lower passenger side where the 2nd alternator is normally positioned.

**Kits use Ford Compliant Spider Bracket Type Pulley with Bearing Support for Increased HP Capacity.

• Automatic "Vacuum Shift" 4 wheel drive req. bracket No. FMB474A (Sold separately).

Mounting kit part number note: **Y** = Bracket kit only for SAE A pilot pump. **Z** = Add on pulley and bracket kit for SAE A pilot pump.

S = Add on spider bracket/pulley kit for SAE A pilot pump.

ENGINE PERCENTAGE (%) / DRIVE PULLEY RATIOS: The final pump speed (engine %) is determined by the pulley drive ratio between the OEM Crankshaft pulley diameter and the clutch pump pulley diameter.



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Muncie Power Products, Inc. Member of the Interpump Hydraulics Group
General Offices and Distribution Center • P.O. Box 548 • Muncie, IN 47308-0548
(765) 284-7721 • FAX (765) 284-6991 • E-mail info@munciepower.com
Web site http://www.munciepower.com

Drive Products, Exclusive Agents for Canada, ISO Certified by an Accredited Registrar

