



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
<b>CHEVY &amp; GMC PICKUPS</b>						
CMK24-2	1987-1989	C&K 1500-2500	4.3	262	V6 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK31-2	1973-1983	C&K 10-30	5.0 / 5.7	305 / 350 / 400	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / W-WO P.S. / REQUIRES DUAL V CLUTCH
CMK32-2	1984-1987	C&K 10-30	4.3 / 5.0 / 5.7	260 / 305 / 350	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / REQUIRES DUAL V CLUTCH
	1988-1989	R&V 3500 CAB CHASSIS	5.0 / 5.7	305 / 350		
	1988-1991	R&V 3500 CREW CAB	5.0 / 5.7	305 / 350		
CMK34-2	1987-1989	C&K 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / NOT FOR USE W/ CAB CHASSIS / REQUIRES DUAL V CLUTCH
CMK36-2	1990-1995	C&K 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / REQUIRES DUAL V CLUTCH
	1992-1995	CREW CAB / CAB CHASSIS				
CMK37-2	1996-2000	C&K 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK37A-I6	1996-2000	C&K1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
CMK37-8	1996-2000	C&K 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH
CMK38-I6	1999-2010	SILVERADO 1500-3500	4.8 / 5.3 / 6.0	293 / 325 / 366	V8 GAS	FOR USE W-WO AC / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL PUMP W/ 12HP RESTRICTION
	2000-2014	TAHOE, SUBURBAN				
CMK38A-I6	1999-2010	SILVERADO 1500-3500	4.8 / 5.3 / 6.0	293 / 325 / 366	V8 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
	2000-2014	TAHOE, SUBURBAN				
CMK39-I6	2011-2013	SILVERADO 1500	4.8 / 5.3 / 6.0	293 / 325 / 366	V8 GAS	FOR USE W-WO AC / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
	2011-2019	SILVERADO 2500-3500				
CMK39A-I6	2011-2013	SILVERADO 1500	4.8 / 5.3 / 6.0	293 / 325 / 366	V8 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
	2011-2019	SILVERADO 2500-3500				
CMK41-2	1973-1984	C 10-30	7.4	454	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / REQUIRES DUAL V CLUTCH
CMK42-2	1985-1987	C&K 20-30	7.4	454	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / REQUIRES DUAL V CLUTCH
	1988-1991	CAB CHASSIS				
CMK43-2	1988-1993	C&K 2500-3500	7.4	454	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK45-2	1994-1995	C&K 2500-3500	7.4	454	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK46-2	1996-2000	C&K 2500-3500HD	7.4	454	V8 GAS	FOR USE W-WO AC / WO A.I.R. / REQUIRES DUAL V CLUTCH
CMK47-8	2001-2002	C&K 3500HD	8.1	496	V8 GAS	FOR USE W-WO AC / WO DUAL ALT / REQUIRES 8 GROOVE CLUTCH / O.E.M. ALT SHOULD BE ON PASSENGER SIDE
CMK48-8	2001-2006	C&K 2500HD-3500	8.1	496	V8 GAS	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / O.E.M. ALT SHOULD BE ON DRIVERS SIDE
	2003-2006	C&K 3500HD				
CMK48A-I6	2001-2006	C&K 2500HD-3500	8.1	496	V8 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION / O.E.M. ALT SHOULD BE ON DRIVERS SIDE
	2003-2006	C&K 3500HD				
CMK140A-I6	2020-2021	SILVERADO 2500-3500	6.6		V8 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / Requires 6 Groove Clutch / Recommended 1.75 CU. IN. or 8 Gal. Pump w/ 12HP Restriction / Must Use Rear Ported Pump / W/O Dual Alternators



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
CMK61-2	1982-1985 1/2	C&K 20-30	6.2	379	V8 DIESEL	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK62-2	1985 1/2-1987	C&K 20-30	6.2	379	V8 DIESEL	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / HAS FLAT FACED CRANK PULLEY INSTEAD OF 2 1/2" RECESS LIKE EARLIER MODELS
	1988-1989	R&V 3500 CAB CHASSIS				
	1990-1991	R&V 3500 CREW CAB				
CMK65-2	1988-1995	C&K 2500-3500	6.2 / 6.5	379 / 395	V8 DIESEL	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK66-2	1996-2000	C&K 2500-3500HD	6.5	395	V8 DIESEL	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES DUAL V CLUTCH
	2001-2002	C&K 3500HD				
CMK69-16	2001-2010	2500HD-3500	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC / WO DUAL ALT / REQUIRES 6 GROOVE CLUTCH / FOR 2001 TRUCKS, BELT 5061380 MUST BE REQUESTED / MUST USE REAR PORTED PUMP / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
	2003-2010	3500HD				
CMK69A-16	2001-2010	2500HD-3500	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC / WO DUAL ALT / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / FOR 2001 TRUCKS, BELT 5061380 MUST BE REQUESTED / MUST USE REAR PORTED PUMP / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
	2003-2010	3500HD				
CMK2604-16	2011-2016	2500HD-3500HD	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC / WO DUAL ALT / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
CMK260A-16	2011-2016	2500HD-3500HD	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC / WO DUAL ALT / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP
CMK261A-16	2017-2019	2500HD-3500HD	6.6	403	V8 DIESEL / DURAMAX	FOR USE W/ AC / WO DUAL ALT / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / Requires 6 Groove Clutch / SIDE PORTED PUMP SUGGESTED / Recommended 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP Restriction
CMK263A-16	2020-2021	2500HD-3500HD	6.6		V8 DIESEL / DURAMAX	FOR USE W/AC / WO DUAL ALT / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / SIDE PORTED PUMP SUGGESTED / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION

## CHEVY & GMC MEDIUM DUTY TRUCKS

CMK47-8	2003-2009	4500-5500	8.1	496	V8 GAS	FOR USE W-WO AC / WO DUAL ALT / REQUIRES 8 GROOVE CLUTCH
CMK51-2	1986-1989	C 60-70	6.0 / 7.0	366 / 427	V8 GAS	FOR USE WO AC / REQUIRES DUAL V CLUTCH
CMK52-2	1990-1998	C 60-70	6.0 / 7.0 / 7.4	366 / 427 / 454	V8 GAS	FOR USE WO AC / W-WO AIR COMPRESSOR / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
	1999-2000	C 60-70				
CMK53-2	1990-2000	C 50-70	6.0 / 7.0 / 7.4	366 / 427 / 454	V8 GAS	FOR USE W-WO AC / WO AIR COMPRESSOR / W/ REMOTE MOUNTED P.S. RESERVOIR / REQUIRES DUAL V CLUTCH
CMK54-2	2001-2009	C 6500-8500 / TOPKICK / KODIAK	8.1	496	V8 GAS	FOR USE W-WO AC / WO AIR COMPRESSOR / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
CPK54A-17	2001-2009	C 6500-8500 / TOPKICK / KODIAK	8.1	496	V8 GAS	FOR USE WO AC / W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
CMK55-8	2006-2009	C 6500-8500 / TOPKICK / KODIAK	8.1	496	V8 GAS	FOR USE W-WO AC / W-WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH



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KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
CMK72-2	1990-2002	C 65-75 / TOPKICK / KODIAK	7.2	442	I6 DIESEL / CAT 3116 / 3126	FOR USE WO AC / W-WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH
CMK73-2M	1990-2002	C 65-75 / TOPKICK / KODIAK	7.2	442	I6 DIESEL / CAT 3116 / 3126	FOR USE W-WO AC / W-WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH
CMK74-I8	2004-2009	6500-7500 / TOPKICK / KODIAK	7.2	442	I6 DIESEL / C7 CAT	FOR USE W/ AC / W/ FOUR BOLT ALT / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
CMK74A-I8	2004-2009	6500-7500 / TOPKICK / KODIAK	7.2	442	I6 DIESEL / C7 CAT	FOR USE W/ AC / W/ FOUR BOLT ALT / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
CMK75-8	2004-2009	C 6500-8500 / TOPKICK / KODIAK	7.8	476	I6 DIESEL / DURAMAX	FOR USE W-WO AC AND W-WO AIR COMPRESSOR / MUST USE SIDE PORTED PUMP / REQUIRES 8 GROOVE CLUTCH
CMK75A-8	2004-2009	C 6500-8500 / TOPKICK / KODIAK	7.8	476	I6 DIESEL / DURAMAX	FOR USE W-WO AC AND W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / MUST USE SIDE PORTED PUMP / REQUIRES 8 GROOVE CLUTCH
CMK82-2	1980-1989	C 60-70	8.2	500	V8 DIESEL / DETROIT	FOR USE WO AC / REQUIRES DUAL V CLUTCH
CMK83-8	2003- BUILD DATE 12/03	C 4500-5500 / TOPKICK / KODIAK	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC AND W-WO DUAL ALT. / REQUIRES 8 GROOVE CLUTCH
CMK83A-8	2003- BUILD DATE 12/03	C 4500-5500 / TOPKICK / KODIAK	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC AND W-WO DUAL ALT. / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
CMK86-8	BUILD DATE 01/04-2009	C 4500-5500 / TOPKICK / KODIAK	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC AND W-WO DUAL ALT. / REQUIRES 8 GROOVE CLUTCH
CMK86A-8	BUILD DATE 01/04-2009	C 4500-5500 / TOPKICK / KODIAK	6.6	403	V8 DIESEL / DURAMAX	FOR USE W-WO AC AND W-WO DUAL ALT. / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
CMK86-I6	2003-2009	C 4500-5500 / TOPKICK / KODIAK	6.6	403	V8 DIESEL / DURAMAX	FOR USE W/ AC AND WO DUAL ALT. / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
CMK86A-I6	2003-2009	C 4500-5500 / TOPKICK / KODIAK	6.6	403	V8 DIESEL / DURAMAX	FOR USE W/ AC AND WO DUAL ALT. / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
CMK262-I6	2019-2021	C4500-6500	6.6		V8 DIESEL / DURAMAX	FOR USE W/AC & WO DUAL ALT. / REQUIRES 6 GROOVE CLUTCH / Recommended 1.75 CU. IN. OR 8 GAL. Pump W/ 12HP Restriction, REQUIRES SIDE PORTED PUMP
CMK262A-I6	2019-2021	C4500-6500	6.6		V8 DIESEL / DURAMAX	FOR USE W/AC AND WO DUAL ALT. / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / Requires 6 Groove Clutch / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION, REQUIRES SIDE PORTED PUMP
TCMK71-I8AC	2003-2007	T 6500-8500	7.2	442	C7 CAT / I6 DIESEL	FOR USE W/ AC AND W-WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH
SMK31-2	1987-1998	W 4500-5500	3.9		I4 DIESEL	FOR USE WO AC / REQUIRES 6" DUAL V CLUTCH
SMK33-2	1999-2007	W 4500-5500	4.7 / 5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES 6" DUAL V CLUTCH / MUST USE SIDE PORTED PUMP
SMK34-8	1999-2009	W 3500-5500	4.7 / 5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP



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KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
SMK34A-8	1999-2009	W 3500-5500	4.7 / 5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
SMK35-2	1994-1995	W 4500-5500	5.7	350	V8 GAS	FOR USE W-WO AC / SUGGESTED 6" DUAL V CLUTCH
SMK36-2	1996-2002	W 3500-5500	5.7	350	V8 GAS	FOR USE W-WO AC / SUGGESTED 6" DUAL V CLUTCH
SMK38A-16	2003-2009 2016-2020	W 3500-5500 LCF 3500-5500	6.0	366	V8 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
SMK230-8	2016-2021	LCF 3500-5500	5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
SMK230A-8	2016-2021	LCF 3500-5500	5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
<b>CHEVY &amp; GMC VANS</b>						
CMK37-2	1997-2002	G1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
CMK37-8	1997-2002	G 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH
VCK34-2	1987-1992	G 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / MUST USE SIDE PORTED PUMP
VCK35-2	1993-1996	G 1500-3500	5.0 / 5.7	305 / 350	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / MUST USE SIDE PORTED PUMP
VCK38-16	2003-2013	G 1500-3500	4.8 / 5.3 / 6.0	293 / 325 / 364	V8 GAS	FOR USE W-WO AC / WO EGR VALVE / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
VCK38A-16	2003-2013	G 1500-3500	4.8 / 5.3 / 6.0	293 / 325 / 364	V8 GAS	FOR USE W-WO AC / WO EGR VALVE / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
VCK39-6	2006-2020	G 1500-3500	4.8 / 5.3 / 6.0	293 / 325 / 364	V8 GAS	FOR USE W-WO AC / REQUIRES 6 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / 2.2 CU. IN. MAXIMUM
<b>DODGE &amp; RAM PICKUPS</b>						
DMK31-2	1980-1984	D 100-300	5.2 / 5.9	318 / 360	V8 GAS	FOR USE WO AC AND WO HEAVY DUTY ALTERNATOR / REQUIRES DUAL V CLUTCH
DMK33-2	1984-1987	D350	5.9	360	V8 GAS	FOR USE W-WO AC / W/ REMOTE MOUNTED P.S. RESERVOIR / REQUIRES DUAL V CLUTCH
DMK34-2	1988-1991	D 100-350	5.2 / 5.9	318 / 360	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
DMK35-2	1992-2001 1993-1999	D 150-350 D 150-350 W/O AIR PUMP	5.2 5.9	318 360	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
DMK36-2	1993-1999	D 350 W/ AIR PUMP	5.9	360	V8 GAS	FOR USE W-WO AC / W/ A.I.R. PUMP / REQUIRES DUAL V CLUTCH
DMK37-2	2000-2002	1500-3500	5.9	360	V8 GAS	FOR USE W-WO AC / WO A.I.R. PUMP / REQUIRES DUAL V CLUTCH
DMK38-2	2000-2002	1500-3500	5.9	360	V8 GAS	FOR USE W-WO AC / W/ A.I.R. PUMP / REQUIRES DUAL V CLUTCH
DMK39-18	2003-2008	2500-3500	5.7	345	V8 GAS / HEMI	FOR USE W/ AC / WO EGR VALVE / REQUIRES 8 GROOVE CLUTCH, BUT USES 7 GROOVE BELT / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
DMK39A-I8	2003-2008	2500-3500	5.7	345	V8 GAS / HEMI	FOR USE W/ AC / WO EGR VALVE / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH, BUT USES 7 GROOVE BELT / Recommended 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP Restriction.
DMK40-6	2009-2019	2500-3500	5.7	345	V8 GAS / HEMI	FOR USE W-WO AC / WO EGR VALVE / REQUIRES 6 GROOVE CLUTCH / HEAT GUN FOR WASHER TANK MODIFICATION REQUIRED
DMK51-2	1989-1991	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 12 VALVE	FOR USE W-WO AC / WO INTERCOOLER / REQUIRES DUAL V CLUTCH
DMK52-1	1991-1993	D 250-350	5.9	359	I6 DIESEL / CUMMINS / 12 VALVE	FOR USE W-WO AC / W/ INTERCOOLER / REQUIRES SINGLE V CLUTCH / RECOMMENDED 1.1 CU. IN. OR 5 GAL. PUMP W/ 8HP RESTRICTION
DMK52-2	1991-1993	D 250-350	5.9	359	I6 DIESEL / CUMMINS / 12 VALVE	FOR USE W-WO AC / W/ INTERCOOLER / REQUIRES DUAL V CLUTCH / CHANGES FAN TO DIRECT DRIVE W/ NO FAN CLUTCH
DMK53-2	1994-1998	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 12 VALVE	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION / SIDE PORTED PUMP RECOMMENDED / KIT #DMK 53A-I8 OR DMK 534-I8 SUGGESTED
DMK534-I8	1994-1998	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 12 VALVE	FOR USE W/AC / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 5 1/2" 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK53A-I8	1994-1998	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 12 VALVE	FOR USE W/AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 5 1/2" 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK54-2	1998-2002	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 24 VALVE	FOR USE W-WO AC / Requires Dual V Clutch / FOR TRUCKS WITHOUT A.C., DAYCO BELT 5080600 MUST BE PURCHASED SEPERATELY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK54-8	1998-2002	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 24 VALVE	FOR USE W-WO AC / Requires 8 Groove Clutch / FOR TRUCKS WITHOUT A.C., DAYCO BELT 5080600 MUST BE PURCHASED SEPERATELY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK55-6	2003-2007	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 24 VALVE	FOR USE W/ AC / REQUIRES 6 GROOVE CLUTCH
DMK55A-6	2003-2007	2500-3500	5.9	359	I6 DIESEL / CUMMINS / 24 VALVE	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH
DMK56-I8	2007-2010	2500-3500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / REQUIRES 8 GROOVE CLUTCH / NOT FOR USE W/ 4500 OR 5500 / FOR USE WITH 2013 MODELS WITH DIRECT MOUNTED POWER STEERING RESERVOIR ONLY / FOR TYRONE TYPE PUMP MOUNT ONLY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK57A-I8	2007-2010	2500-5500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION



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KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
DMK584-I8	2011-2013	2500-3500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / NOT FOR USE ON 2012 OR LATER MODELS WITH AUTOMATIC TRANSMISSION / FOR USE WITH 2013 MODELS WITH DIRECT MOUNTED POWER STEERING RESERVOIR ONLY / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 8 GROOVE CLUTCH / NOT for use w/ 4500 or 5500 / Recommended 1.75 Cu. In. or 8 Gal. Pump w/ 12 HP Restriction
DMK584-I8AT	2012-2013	2500-3500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / REQUIRES 8 GROOVE CLUTCH / NOT FOR USE W/ 4500 OR 5500 / FOR USE WITH 2013 MODELS WITH DIRECT MOUNTED POWER STEERING RESERVOIR ONLY / FOR TYRONE TYPE PUMP MOUNT ONLY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK58A-I8	2011-2013	2500-5500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / NOT FOR USE ON 2012 OR LATER MODELS WITH AUTOMATIC TRANSMISSION / FOR USE WITH 2013 MODELS WITH DIRECT MOUNTED POWER STEERING RESERVOIR ONLY / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK58A-I8AT	2012-2013	2500-5500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / FOR USE WITH 2013 MODELS WITH DIRECT MOUNTED POWER STEERING RESERVOIR ONLY / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK59A-I8	2013-2018	2500-5500	6.7	409	I6 DIESEL / CUMMINS	FOR USE W/ AC / WO DUAL ALTERNATOR / FOR USE WITH 2013 MODELS WITH REMOTE MOUNTED POWER STEERING RESERVOIR ONLY / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH/ RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/12HP RESTRICTION / REAR PORTING WOULD BE BEST
RMK60A-I8	2019-2021	2500-5500	6.7		DIESEL / CUMMINS	FOR USE W/AC / WO DUAL ALTERNATOR / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/12HP RESTRICTION / <b>WILL NOT WORK WITH 6" CLUTCH</b>
DMK61-1	1994-2003	2500-3500	8.0	488	V10 GAS	FOR USE W-WO AC / REQUIRES SINGLE V CLUTCH / KIT #DMK 62-I8 OR DMK 62A-I8 SUGGESTED / RECOMMENDED 1.1 CU. IN. OR 5 GAL. PUMP W/ 8HP RESTRICTION
DMK62-I8	1994-2003	2500-3500	8.0	488	V10 GAS	FOR USE W/ AC / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK62A-I8	1994-2003	2500-3500	8.0	488	V10 GAS	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
DMK63-6	2014-2018	2500-5500	6.4		V8 GAS / HEMI	FOR USE W-WO AC / WO DUAL ALTERNATOR / Requires 6 Groove Clutch
DMK63A-6	2014-2018	2500-5500	6.4		V8 GAS / HEMI	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH
RMK50-6	2019-2021	2500-5500	6.4		V8 GAS / HEMI	FOR USE W-WO AC / WO DUAL ALTERNATOR / Requires 6 Groove Clutch
RMK50A-6	2019-2021	2500-5500	6.4		V8 GAS / HEMI	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
<b>DODGE &amp; RAM VANS</b>						
VFLMK23A-6	2007-2009	2500-3500 SPRINTER	3.0	183	V6 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH Wrenches are available and suggested for removal and retorquing harmonic balancer bolt. PART # VFL23WR-1 & VFL23WR-2. These are sold separately.
<b>FORD PICKUPS</b>						
FMK21-2	1980-1982	F 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
FMK22-2	1983-1986	F 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
FMK23-2	1987-1992	F 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
FMK24-2	1993-1996	F 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
FMK30-2	1973-1979	F 150-350	5.9 / 6.4	360 / 390	V8 GAS	FOR USE W-WO AC / W-WO P.S. / WO A.I.R. / REQUIRES DUAL V CLUTCH
FMK31-2	1977-1982	F 150-350	5.8 / 6.6	351M / 400M	V8 GAS	FOR USE WO AC / W-WO P.S. / W-WO A.I.R. / MODIFIED ENGINES ONLY / REQUIRES DUAL V CLUTCH
FMK33-2	1982-1987	F 150-350	5.0 / 5.8	302 / 351	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / REQUIRES DUAL V CLUTCH
FMK34-2	1987	F 150-250	5.0	302	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
FMK36-2	1988-1997	F 150-350	5.0 / 5.8	302 / 351	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
FMK37-2	1999-2004	F 250-550 SUPER DUTY	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / MUST USE SIDE PORTED PUMP / REQUIRES DUAL V CLUTCH
FMK37-8	1999-2004	F 250-550 SUPER DUTY	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / MUST USE SIDE PORTED PUMP / REQUIRES 8 GROOVE CLUTCH
FMK38-2	1997-2003	F 150-250 LIGHT DUTY	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
FMK39ASB-8	1999-2004	F 250-550 SUPER DUTY	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED FROM FORD PART # 7L3Z-6312-A / KIT SUPPLIED W/ BEARING SUPPORT
FMK39A-16	2003-2004	F 250-550 SUPER DUTY	5.4 6.8		GAS / TRITON	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
FMK42-2	1983-1987	F 250-450	7.5	460	V8 GAS	FOR USE W-WO AC / W-WO A.I.R. / REQUIRES DUAL V CLUTCH
FMK43-1	1988-1997	F 250-450	7.5	460	V8 GAS	FOR USE W-WO AC / REQUIRES SINGLE V CLUTCH / MUST USE SIDE PORTED PUMP / RECOMMENDED 1.1 CU. IN. OR 5 GAL. PUMP W/ 8HP RESTRICTION



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
FMK43-2	1988-1997	F 250-450	7.5	460	V8 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / MUST USE SIDE PORTED PUMP / MAY BE REQUIRED TO DO MODIFICATIONS FOR FAN TO RADIATOR CLEARANCE
FMK45-2	1999-2004	F 250-550 SUPER DUTY	6.8	415	V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / MUST USE SIDE PORTED PUMP / KIT SUPPLIED W/ BEARING SUPPORT
FMK45-8	1999-2004	F 250-550 SUPER DUTY	6.8	415	V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / KIT SUPPLIED W/ BEARING SUPPORT
FMK46A-8	1999-2004	F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
FMK46ASB-8	1999-2004	F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED FROM FORD PART # 7L3Z-6312-A / KIT SUPPLIED W/ BEARING SUPPORT
FMK474-16	2005-2010 2005-2016	F 250-550 SUPER DUTY F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W/ AC / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
FMK47A-16	2005-2010 2005-2016	F 250-550 SUPER DUTY F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
FMK47-8	2005-2010 2005-2016	F 250-550 SUPER DUTY F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED FROM FORD PART#7L3Z-6312-A / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY / If truck is equipped with turn button automatic 4WD include a "V" at the end of the part number to receive a vacuum canister relocation kit, Part#: FMB474A NOTE: PRICE WILL CHANGE.
FMK47-2SB	2005-2010 2005-2016	F 250-550 SUPER DUTY F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W/WO AC / REQUIRES 6" DUAL V CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED PART#7L3Z-6312-A / KIT SUPPLIED W/ BEARING SUPPORT / If truck is equipped with turn button automatic 4WD include a "V" at the end of the part number to receive a vacuum canister relocation kit, Part#: FMB474A Note: PRICE WILL CHANGE.
FMK47-8SB	2005-2010 2005-2016	F 250-550 SUPER DUTY F 250-550 SUPER DUTY	5.4 6.8	330 415	V8 GAS / TRITON V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED PART#7L3Z-6312-A / KIT SUPPLIED W/ BEARING SUPPORT / If truck is equipped with turn button automatic 4WD include a "V" at the end of the part number to receive a vacuum canister relocation kit, Part#: FMB474A Note: PRICE WILL CHANGE.





### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
FMK47A-8	2005-2010	F 250-550 SUPER DUTY	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED PART#7L3Z-6312-A / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY / If truck is equipped with turn button automatic 4WD include a "V" at the end of the part number to receive a vacuum canister relocation kit, Part#: FMB474A NOTE: PRICE WILL CHANGE.
	2005-2016	F 250-550 SUPER DUTY	6.8	415	V10 GAS / TRITON	
FMK47A-8SB	2005-2010	F 250-550 SUPER DUTY	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / IF INSTALLING ON 2008 OR NEWER 5.4L A NEW HARMONIC BALANCER WITH TAPPED HOLES WILL NEED TO BE PURCHASED PART#7L3Z-6312-A / KIT SUPPLIED W/ BEARING SUPPORT / If truck is equipped with turn button automatic 4WD include a "V" at the end of the part number to receive a vacuum canister relocation kit, Part#: FMB474A NOTE: PRICE WILL CHANGE.
	2005-2016	F 250-550 SUPER DUTY	6.8	415	V10 GAS / TRITON	
FMK2404-8	2017-2019	F250-550 SUPER DUTY	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
FMK240A-8	2017-2019	F250-550 SUPER DUTY	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP ONLY / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
FMK2404-8SB	2017-2019	F250-550 SUPER DUTY	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 8 GROOVE CLUTCH
FMK240A-8SB	2017-2019	F 250-550 SUPER DUTY	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
FMK241A-I6	2020-2021	F 250-550 SUPER DUTY	7.3		V8 GAS	FOR USE W-WO AC, WITHOUT Dual Alternator, Requires SAE Two Bolt 'A' Flange Pump, Requires 6 Groove Clutch, Must use Rear Ported Pump, Recommended 1.75 Cu. in. or 8 Gallon Pump with 12hp Restriction
FMK241A-I6DA	2020-2021	F 250-550 SUPER DUTY	7.3		V8 GAS	WITH Dual Alternator, Requires SAE Two Bolt 'A' Flange Pump, Requires 6 Groove Clutch, Must Be Rear Ported Pump, Recommended 1.75 Cu. in. or 8 Gallon Pump with 12hp Restriction
FMK484-8WP	2011-2016	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W-WO AC / FOR TYRONE TYPE PUMP MOUNT ONLY / KIT COMES WITH HEAVY DUTY WATER PUMP TO PREVENT WATER PUMP FAILURE / REQUIRES 8 GROOVE CLUTCH / Must use Rear Ported Pump
FMK48A-8WP	2011-2016	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / KIT COMES WITH HEAVY DUTY WATER PUMP TO PREVENT WATER PUMP FAILURE / REQUIRES 8 GROOVE CLUTCH / Must use rear ported pump.
FMK494-8WP	2017-2021	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W-WO AC / FOR TYRONE TYPE PUMP MOUNT ONLY / KIT COMES WITH HEAVY DUTY WATER PUMP TO PREVENT WATER PUMP FAILURE / REQUIRES 8 GROOVE CLUTCH / Must use Rear Ported Pump
FMK49A-8WP	2017-2021	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / KIT COMES WITH HEAVY DUTY WATER PUMP TO PREVENT WATER PUMP FAILURE / REQUIRES 8 GROOVE CLUTCH / Must use rear ported pump.



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
FMK484-I6	2011-2013	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W-WO AC / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP/ RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FMK48A-I6	2011-2013	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP/ RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FMK494-I6	2014-2016	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W/ AC / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP/ RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FMK49A-I6	2014-2016	F 250-550 SUPER DUTY	6.2	378	V8 GAS / TRITON	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP/ RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FMK494-I6LAD	2017-2021	F 250-550 SUPER DUTY	6.2		V8 GAS / TRITON	FOR USE W / AC / REQUIRES TYRONE PUMP MOUNT ONLY / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FMK49A-I6LAD	2017-2021	F 250-550 SUPER DUTY	6.2		V8 GAS / TRITON	FOR USE W / AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / MUST USE REAR PORTED PUMP / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FMK61-2	1983-1992	F 250-350	6.9 / 7.3	420 / 444	V8 DIESEL	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
FMK64-2	1992-1994	F 250-450	7.3	444	V8 DIESEL	FOR USE W-WO AC / FOR USE W/ INDIRECT INJECTED ENGINES ONLY / REQUIRES DUAL V CLUTCH / 1994 TRUCKS W/ INDERECT INJECTION SHOULD HAVE AN AUTOMATIC TRANSMISSION
FMK65-2	1994 1/2-1997	F 250-450	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / FOR USE W/ DIRECT INJECTED ENGINES ONLY / REQUIRES DUAL V CLUTCH / 1994 TRUCKS W/ DIRECT INJECTION SHOULD HAVE A MANUAL TRANSMISSION
FMK65-2GI	1994 1/2-1997	F 250-450	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / FOR USE W/ DIRECT INJECTED ENGINES ONLY / REQUIRES DUAL V CLUTCH / 1994 TRUCKS W/ DIRECT INJECTION SHOULD HAVE A MANUAL TRANSMISSION / INCLUDES GROOVED IDLER TO REDUCE BELT SLAP
FMK66-2	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC AND W-WO DUAL ALTERNATOR / REQUIRES DUAL V CLUTCH
FMK66-8	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC AND W-WO DUAL ALTERNATOR / REQUIRES 8 GROOVE CLUTCH
FMK66LA-2	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC AND W-WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES DUAL V CLUTCH
FMK66LA-8	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC AND W-WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
FPK66LA-I8	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE WO AC AND W-WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
FMK66LSP-2B	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC AND W-WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "B" FLANGE AV10V0-28 "45"SERIES LOAD SENSE PISTON PUMP / REQUIRES DUAL V "B" GROOVE CLUTCH



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
FMK67A-8	1999-2003	F 250-550 SUPER DUTY	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRED 8 GROOVE 5.5" CLUTCH ONLY / MUST USE SIDE PORTED PUMP
FMK68-8AL	2003-2007	F 250-550 SUPER DUTY	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES 8 GROOVE CLUTCH
FMK68A-8AL	2003-2007	F 250-550 SUPER DUTY	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
FMK68A-I8	2003-2007	F 250-550 SUPER DUTY	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W/ AC / WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
FMK68A-I6DA	2003-2007	F 250-550 SUPER DUTY	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / W/ DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
FMK68LSP-8	2003-2007	F 250-550 SUPER DUTY	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "B" FLANGE AV10V0-28 "45"SERIES LOAD SENSE PISTON PUMP / KIT IS SUPPLIED WITH AN 8 GROOVE TAPERLOCK PULLEY / A 1610 TYPE TAPERLOCK BUSHING WILL NEED TO BE PURCHASED SEPARATELY
FMK260-8	2008-2010	F 250-550 SUPER DUTY	6.4	390	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO DUAL ALTERNATOR / REQUIRES 8 GROOVE CLUTCH / MUST USE REAR PORTED PUMP
FMK2614-8	2011	F 250-550 SUPER DUTY	6.7	409	V8 DIESEL / SCORPION	FOR USE W-WO AC / WO DUAL ALTERNATOR (CALL FOR OPTIONS W/ DUAL ALTERNATOR) / FOR TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / PUMP RESTRICTED TO 2.2 CU. IN. DUE TO CLEARANCE ISSUES
FMK261A-8	2011	F 250-550 SUPER DUTY	6.7	409	V8 DIESEL / SCORPION	FOR USE W-WO AC / WO DUAL ALTERNATOR (CALL FOR OPTIONS W/ DUAL ALTERNATOR) / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / PUMP RESTRICTED TO 2.2 CU. IN. DUE TO CLEARANCE ISSUES
FMK2644-8	2012-2021	F 250-550 SUPER DUTY	6.7	409	V8 DIESEL / SCORPION	FOR USE W-WO AC / WO DUAL ALTERNATOR (CALL FOR OPTIONS W/DUAL ALTERNATOR) / REQUIRES TYRONE TYPE PUMP MOUNT ONLY / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / PUMP RESTRICTED TO 2.2 CU. IN. DUE TO CLEARANCE ISSUES
FMK264A-8	2012-2021	F 250-550 SUPER DUTY	6.7	409	V8 DIESEL / SCORPION	FOR USE W-WO AC / WO DUAL ALTERNATOR (CALL FOR OPTIONS W/DUAL ALTERNATOR) / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / PUMP RESTRICTED TO 2.2 CU. IN. DUE TO CLEARANCE ISSUES
FMK265A-8	2017-2021	F 250-550 SUPER DUTY	6.7	409	V8 DIESEL / SCORPION	FOR USE W/ AC / W/ DUAL ALTERNATOR ONLY / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE REAR PORTED PUMP /**THIS WILL NOT WORK ON TRUCKS EQUIPPED WITH ADAPTIVE STEERING**



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
<b>FORD MEDIUM DUTY TRUCKS</b>						
<b>FMK47AM-8SB</b>	2013-2015	F650-750	6.8	415	V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / MUST USE A REAR PORT PUMP / REQUIRES 8 GROOVE CLUTCH
<b>FMK474-I6M</b>	2013-2015	F650-750	6.8	415	V10 GAS / TRITON	FOR USE W/ AC / Requires Tyrone Type Pump Mount Only / Requires 6 Groove Clutch / Recommended no more than 5HP Load Per Ford Motor Company
<b>FMK47A-I6M</b>	2013-2015	F650-750	6.8	415	V10 GAS / TRITON	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
<b>FMK52-2</b>	BUILD DATE 01/01/1985-1998	F 600-800	6.0 / 7.0	370 / 429	V8 GAS	FOR USE WO AC / REQUIRES DUAL V CLUTCH
<b>FMK534-8</b>	2016-2019	F650 & F750	6.8		V10 GAS	FOR USE W-WO AC / Requires Tyrone Type Pump Mount Only / Requires 8 Groove Clutch / Recommended no more than 5HP Load Per Ford Motor Company
<b>FMK534-8SB</b>	2016-2019	F650 & F750	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES TYRONE TYPE PUMP MOUNT ONLY / KIT SUPPLIED W/BEARING SUPPORT / REQUIRES 8 GROOVE CLUTCH
<b>FMK53A-8</b>	2016-2019	F650 & F750	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY
<b>FMK53A-8SB</b>	2016-2019	F650 & F750	6.8		V10 GAS	FOR USE W-WO AC / REQUIRES TWO BOLT "A" FLANGE PUMP / KIT SUPPLIED W/BEARING SUPPORT / REQUIRES 8 GROOVE CLUTCH
<b>FMK241A-I6MD</b>	2021	F650-750 SUPER DUTY	7.3		GAS	FOR USE W-WO AC, WITHOUT Dual Alternator, Requires SAE Two Bolt 'A' Flange Pump, Requires 6 Groove Clutch, Must use Rear Ported Pump, Recommended 1.75 Cu. in. or 8 Gallon Pump with 12hp Restriction
<b>FMK241A-I6DAMD</b>	2021	F650-750 SUPER DUTY	7.3		GAS	FOR USE W-WO AC, DUAL ALTERNATOR ONLY, Requires SAE Two Bolt 'A' Flange Pump, Requires 6 Groove Clutch, Must use Rear Ported Pump, Recommended 1.75 Cu. in. or 8 Gallon Pump with 12hp Restriction
<b>FMK74-2</b>	1986-1992	F 600-800	6.6 / 7.8		I6 DIESEL	FOR USE WO AC / W/ AIR OR HYD. BRAKE BOOST / W-WO TURBO / REQUIRES DUAL V CLUTCH
<b>FMK76-2</b>	1993-1998 1993-1998	F 600-800 L 6000-7000	5.9	359	I6 Diesel / Cummins / 12 Valve	FOR USE W-WO AC / W-WO HYD. BRAKES / REQUIRES DUAL V CLUTCH
<b>FMK77-2</b>	1995-1998	F 600-800	5.9	359	I6 Diesel / Cummins / 12 Valve	FOR USE WO AC / W-WO HYD. BRAKES / REQUIRES DUAL V CLUTCH
<b>FMK78-2</b>	1999	F 650-750	5.9	359	I6 Diesel / Cummins / 12 Valve	FOR USE W-WO AC / W-WO HYD. BRAKES / W-WO AIR BRAKES / REQUIRES DUAL V CLUTCH / ON 215HP ENGINE UPPER RADIATOR TANK WILL NEED TO BE RELOCATED
<b>FMK79-2</b>	2000-2003	F 650-750	5.9	359	I6 Diesel / Cummins / 12 Valve	FOR USE W-WO AC / W-WO AIR BRAKES / REQUIRES DUAL V CLUTCH
<b>FMK271A-I8</b>	2004-2007	F 650-750	5.9	359	I6 DIESEL / CUMMINS / ISB	FOR USE W/ AC AND W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. W/ 12HP RESTRICTION
<b>FPK271A-I8</b>	2004-2007	F 650-750	5.9	359	I6 DIESEL / CUMMINS / ISB	FOR USE WO AC AND W-WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
FPK272A-I8	2007-2013	F 650-750	6.7	409	I6 DIESEL / CUMMINS / ISB	FOR USE WO AC AND W-WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
FMK273A-I8	2007-2010	F 650-750	6.7	409	I6 DIESEL / CUMMINS / ISB	FOR USE W/ AC AND W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. W/ 12HP RESTRICTION
FMK274A-I8	2011-2015	F 650-750	6.7	409	I6 DIESEL / CUMMINS / ISB	FOR USE W/ AC AND W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. W/ 12HP RESTRICTION
FMK81-2	1993-1998	L8000	8.3	505	I6 DIESEL / CUMMINS / ISC	FOR USE WO AC / REQUIRES DUAL V CLUTCH
FMK82-2	1993-1998	F 800	8.3	505	I6 DIESEL / CUMMINS / ISC	FOR USE WO AC / REQUIRES DUAL V CLUTCH
FMK83-2	2000-2002	F 650-750	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH
FPK83A-I8	2000-2002	F 650-750	7.3	444	V8 DIESEL / POWERSTROKE	FOR USE WO AC / W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
FMK84-8	2004-2007	F 650-750	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH
FMK84A-8	2004-2007	F 650-750	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
FPK84A-I8	2004-2007	F 650-750	6.0	365	V8 DIESEL / POWERSTROKE	FOR USE WO AC / W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
FMK2644-8	2016-2019	F 650-750	6.7		V8 DIESEL / POWERSTROKE / SCORPION	FOR USE W-WO AC / W-WO AIR BRAKES / WO DUAL ALTERNATOR (CALL FOR OPTIONS W/ DUAL ALTERNATOR) / FOR TYRONE PUMP MOUNT ONLY / Requires 8 Groove Clutch / MUST USE SIDE PORTED PUMP / PUMP RESTRICTED TO 2.2 CU. IN. DUE TO CLEARANCE ISSUES
FMK264A-8	2016-2019	F 650-750	6.7		V8 DIESEL / POWERSTROKE / SCORPION	FOR USE W-WO AC / W-WO AIR BRAKES / WO DUAL ALTERNATOR (CALL FOR OPTIONS W/ DUAL ALTERNATOR) / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / Requires 8 Groove Clutch / MUST USE SIDE PORTED PUMP / PUMP RESTRICTED TO 2.2 CU. IN. DUE TO CLEARANCE ISSUES
FMK91-2	2000-2001	F 650-750	7.2	442	I6 DIESEL / CAT 3126	FOR USE W-WO AC / ENGINE SERIAL #8YL82468 AND LOWER / REQUIRES DUAL V CLUTCH
FMK92-2	2001-2003	F 650-750	7.2	442	I6 DIESEL / CAT 3126	FOR USE WO AC / Engine Serial #8YL82469 & Higher / Requires Dual V Clutch
FMK92-2AC	2001-2003	F 650-750	7.2	442	I6 DIESEL / CAT 3126	FOR USE W/ AC / Engine Serial #8YL82469 & Higher / Requires Dual V Clutch
FMK93-8	2003-2009	F 650-750	7.2	442	I6 DIESEL / C7 CAT	FOR USE W-WO AC / W-WO AIR COMPRESSOR / Requires 8 Groove Clutch
FMK93-I8	2003-2009	F 650-750	7.2	442	I6 DIESEL / C7 CAT	FOR USE W/ AC / W-WO AIR COMPRESSOR / Requires 8 Groove Clutch / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 12HP RESTRICTION
FMK93A-I8	2003-2009	F 650-750	7.2	442	I6 DIESEL / C7 CAT	FOR USE W/ AC / W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 12HP RESTRICTION



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
<b>FORD VANS</b>						
<b>FMK31-2</b>	1980-1982	E 150-350	5.8 / 6.6	351M / 400M	V8 GAS	FOR USE WO AC / W-WO P.S. / W-WO A.I.R. / MODIFIED ENGINES ONLY / REQUIRES DUAL V CLUTCH
<b>FMK39ASB-8</b>	1997-2016	E 150-450	5.4	330	V8 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / If installing on 2008 or Newer 5.4L a new Harmonic Balancer with Tapped Holes will need to be purchased from Ford Part # 7L3Z-6312-A. / KIT SUPPLIED W/ BEARING SUPPORT
<b>FMK39A-I6</b>	2003-2012	E 250-450	5.4 6.8		GAS / TRITON	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
<b>FMK46A-8</b>	1997-2019	E 150-450	5.4 6.8	415	V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED NO MORE THAN 5HP LOAD PER FORD MOTOR COMPANY / If installing on 2008 or Newer 5.4L a new Harmonic Balancer with Tapped Holes will need to be purchased from FORD Part # 7L3Z-6312-A.
<b>FMK46ASB-8</b>	1997-2019	E 150-450	5.4 6.8	415	V10 GAS / TRITON	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / Requires 8 Groove Clutch / KIT SUPPLIED W/ BEARING SUPPORT / If installing on 2008 or Newer 5.4L a new Harmonic Balancer with Tapped Holes will need to be purchased from Ford Part # 7L3Z-6312-A.
<b>VFK241A-I6</b>	2021	E 250-550	7.3		V8 GAS	For use W/ AC, W/O Dual Alternators / REQUIRES 6 GROOVE CLUTCH, REQUIRES SAE TWO BOLT "A" FLANGE PUMP, Recommended 1.75 cu. in. or 8 gal. Pump w/ 12hp Restriction
<b>VFK22-2</b>	1983-1986	E 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
<b>VFK23-2</b>	1987-1991	E 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
<b>VFK24-2</b>	1992-1995	E 150-350	4.9	300	I6 GAS	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH
<b>VFK33-2</b>	1982-1987	E 150-350	5.8	351	V8 GAS	FOR USE WO AC / REQUIRES DUAL V CLUTCH
<b>VFK35-2</b>	1988-1996	E 150-350	5.0 / 5.8	302 / 351	V8 GAS	FOR USE WO AC / Requires Dual V Clutch / Side Ported Pump Recommended
<b>FREIGHTLINER STERLING MEDIUM DUTY TRUCKS</b>						
<b>FLMK61A-I8</b>	2002-2008 2005-2008	FREIGHTLINER M2 STERLING ACCTERA	6.4	388	I6 DIESEL / MERCEDES / MBE 900	FOR USE WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
<b>FLMK61A-I8AC</b>	2002-2008 2005-2008	FREIGHTLINER M2 STERLING ACCTERA	6.4	388	I6 DIESEL / MERCEDES / MBE 900	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
<b>STMK61A-I8</b>	2000-2001 2000-2004	FREIGHTLINER M2 STERLING ACCTERA	6.4	388	I6 DIESEL / MERCEDES / MBE 900	FOR USE WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
<b>STMK61A-I8AC</b>	2000-2001 2000-2004	FREIGHTLINER M2 STERLING ACCTERA	6.4	388	I6 DIESEL / MERCEDES / MBE 900	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
FLMK70-8	2011-2021*	FREIGHTLINER M2	6.7	409	I6 DIESEL / CUMMINS ISB / 24 VALVE	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / <b>*WILL NOT WORK ON 2019-2021 MODELS WITH AIR RELEASE FAN CLUTCH</b>
FLMK70A-8	2011-2021*	FREIGHTLINER M2	6.7	409	I6 DIESEL / CUMMINS ISB / 24 VALVE	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / <b>*WILL NOT WORK ON 2019- 2021 MODELS WITH AIR RELEASE FAN CLUTCH</b>
FLMK70-8ARC	2019-2021	FREIGHTLINER M2	6.7		I6 DIESEL / CUMMINS ISB / 24 VALVE	FOR USE W-WO AC / FOR USE WITH AIR RELEASE CLUTCH / REQUIRES 8 GROOVE CLUTCH
FLMK70A-8ARC	2019-2021	FREIGHTLINER M2	6.7		I6 DIESEL / CUMMINS ISB / 24 VALVE	FOR USE W-WO AC / FOR USE WITH AIR RELEASE CLUTCH / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
FLMK79-18	1999-2002	FL 50-70	5.9	359	I6 DIESEL / CUMMINS ISB / 24 VALVE	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FLMK80A-18	2015-2021	M2 BUSINESS CLASS	8.9		ISL DIESEL	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH/ RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FLMK91-2	1999-2002 1999-2002	FL 60-70 STERLING ACCTERA	7.2	442	I6 DIESEL / CAT 3126	FOR USE W-WO AC / REQUIRES DUAL V CLUTCH / RECOMMENDED 1.25 CU. IN. OR 8 GAL. PUMP W/ 10HP RESTRICTION
FLMK91-18	1999-2002 1999-2002	FL 60-70 STERLING ACCTERA	7.2	442	I6 DIESEL / CAT 3126	FOR USE W/ AC / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
FLMK92-8	2004-2009	STERLING ACCTERA	7.2	442	I6 DIESEL / C7 CAT	FOR USE W-WO AC AND W-WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH
FLMK93-18	2004-2008	M2	7.2		C7/3126	FOR USE W/AC / SIDE OR REAR PORT PUMP/RECOMMENDED 1.25 CU. IN. OR 8 GAL. PUMP W/12HP RESRICTION/REQUIRES 8 GROOVE CLUTCH
FLMK93A-18	2004-2008	M2	7.2		C7/3126	FOR USE W/AC /REQUIRES SAE TWO BOLT "A" FLANGE PUMP / SIDE OR REAR PORT PUMP/RECOMMENDED 1.25 CU. IN. OR 8 GAL. PUMP W/12HP RESRICTION/REQUIRES 8 GROOVE CLUTCH
<b>FREIGHTLINER VANS</b>						
VFLMK23A-6	2007-2018	2500-3500 SPRINTER	3.0	183	V6 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH
VFLMK25A-6	2019-2020	2500-3500 SPRINTER	3.0	183	V6 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
<b>INTERNATIONAL MEDIUM DUTY TRUCKS</b>						
IMK31-2LB	1987-1993	S 1700-1800	5.9	360	I6 DIESEL / DTA360	FOR USE WO AC AND WO AIR COMPRESSOR / DUAL V "B" GROOVE CLUTCH RECOMMENDED / KIT SENT WO BELTS DUE TO O.E.M. VARIATIONS
IMK32-2	1989-1993	S 1700-1800	5.9	360	I6 DIESEL / DTA360	FOR USE WO AC AND WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK33A-I8	2016-2021	4300-4400 DURASTAR	6.7		CUMMINS ISB	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK41-2	1973-1988	S 1800-2600	7.6	466	I6 DIESEL / DT466	FOR USE WO AC AND W-WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH
IMK42-2LB	1989-1993	S 1800-2600	7.6	466	I6 DIESEL / DTA466	FOR USE WO AC AND W-WO AIR COMPRESSOR / DUAL V "B" GROOVE CLUTCH RECOMMENDED / KIT SENT WO BELTS DUE TO O.E.M. VARIATIONS
IMK43-2	1989-1993	S 1800-2600	5.9 / 7.6	360 / 466	I6 DIESEL / DTA360 / DTA466	FOR USE WO AC AND W/ AIR COMPRESSOR / REQUIRES DUAL V CLUTCH / FOR USE W/ FACTORY STEEL 2 PIECE FAN PULLEY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK44-2	1989-1993	S 1800-2600	7.6	466	I6 DIESEL / DTA466	FOR USE WO AC / WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH / FOR USE W/ FACTORY STEEL 2 PIECE FAN PULLEY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK45-2	1993 1/2	S 1800-2600	7.6	466	I6 DIESEL / DTA466	FOR USE WO AC / W/ AIR COMPRESSOR / REQUIRES DUAL V CLUTCH / FOR USE W/ FACTORY CAST IRON 1 PIECE FAN PULLEY / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK46-2	1994-2001	4000 SERIES	6.7 / 7.6 / 8.7	408 / 466 / 530	I6 DIESEL / DT408 / DT466 / DT530	FOR USE WO AC / REQUIRED DUAL V CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK47-I8	1994-2001	4700-4900	6.7 / 7.6	408 / 466	I6 DIESEL / DT408 / DT466	FOR USE W-WO AC / W-WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK48-I8	2002-2004	4300-4400	7.6	466	I6 DIESEL / DT466	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK49A-I8	2005-2007	4300-4400	7.6 / 8.7	466 / 530	I6 DIESEL / DT466 / DT530	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK51-I8	2002-2004	7000 SERIES	7.6 / 8.7 / 9.3	466 / 530 / 570	I6 DIESEL / DT466 / DT530 / DT570	FOR USE W/ AC / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK52A-I8	2005-2007	7000 SERIES	7.6 / 8.7	466 / 530	I6 DIESEL / DT466 / DT530	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK53-8	2008-2010	4300-4400	7.6	466	I6 DIESEL / MAXXFORCE DT / DT466	FOR USE W-WO AC / 245 HP AND UNDER ONLY / WO AIR RELEASE FAN CLUTCH / REQUIRES 8 GROOVE CLUTCH / SENDING PHOTOS OF THE ENGINE COMPARTMENT IS SUGGESTED





### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
IMK53A-8	2008-2010	4300-4400	7.6	466	I6 DIESEL / MAXXFORCE DT / DT466	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / 245 HP AND UNDER ONLY / WO AIR RELEASE FAN CLUTCH / REQUIRES 8 GROOVE CLUTCH / SENDING PHOTOS OF THE ENGINE COMPARTMENT IS SUGGESTED
IMK54-8	2011-2016	4300-4400	7.6	466	DT466	FOR USE W-WO AC / FOR USE WITH A VISCOUS CLUTCH / REQUIRES 8 GROOVE CLUTCH / SENDING PHOTOS OF THE ENGINE COMPARTMENT IS SUGGESTED
IMK54-8ARC	2011-2016	4300-4400	7.6	466	DT466	FOR USE W-WO AC / FOR USE WITH AIR RELEASE CLUTCH / REQUIRES 8 GROOVE CLUTCH / SENDING PHOTOS OF THE ENGINE COMPARTMENT IS SUGGESTED
IMK60-I8	2016-2021	7000 SERIES WORKSTAR	6.7		CUMMINS ISB	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK61-2	1983-1992	S 1600	6.9 / 7.3	420 / 444	V8 DIESEL	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH
IMK62-2	1994-2002	4700-4900	7.3	444	V8 DIESEL	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES DUAL V CLUTCH
IMK62-I8	1994-2002	4700-4900	7.3	444	V8 DIESEL	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
IMK63-8	2003-2007	4200	6.0	365	V8 DIESEL / VT365	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH
IMK63A-8	2003-2007	4200	6.0	365	V8 DIESEL / VT365	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
IPK63A-I8	2003-2007	4200	6.0	365	V8 DIESEL / VT365	FOR USE WO AC / W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
IMK64-8	2008-2015 2011-2015	DURASTAR TERRA STAR	6.4	390	V8 DIESEL / MAXXFORCE 7	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH
IMK64A-8	2008-2015 2011-2015	DURASTAR TERRA STAR	6.4	390	V8 DIESEL / MAXXFORCE 7	FOR USE W-WO AC / WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
IPK64A-I8	2008-2015 2011-2015	DURASTAR TERRA STAR	6.4	390	V8 DIESEL / MAXXFORCE 7	FOR USE WO AC / W-WO AIR COMPRESSOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.25 CU. IN. OR 6 GAL. PUMP W/ 10HP RESTRICTION
IMK80A-I8	2017-2021	4300-4900	8.9		CUMMINS ISL	FOR USE W/ AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
CMK262-I6	2019-2021	CV	6.6		V8 DIESEL / DURAMAX	FOR USE W/AC AND WO DUAL ALTERNATOR / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION, REQUIRES SIDE PORTED PUMP
CMK262A-I6	2019-2021	CV	6.6		V8 DIESEL / DURAMAX	FOR USE W/AC & WO DUAL ALTERNATOR / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / Requires 6 Groove Clutch / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION, Requires Side Ported Pump



### HYDRAULIC CLUTCH PUMP KITS

KIT#	YEAR	CHASSIS	LITER	C.I.D	ENGINE	NOTES
<b>ISUZU MEDIUM DUTY TRUCKS</b>						
SMK31-2	1987-1998	NPR390	3.9		I4 DIESEL	FOR USE WO AC / REQUIRES 6" DUAL V CLUTCH
SMK33-2	1999-2007	N-SERIES	4.7 / 5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES 6" DUAL V CLUTCH / MUST USE SIDE PORTED PUMP
SMK34-8	1999-2010	N-SERIES	4.7 / 5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
SMK34A-8	1999-2010	N-SERIES	4.7 / 5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
SMK230-8	2011-2021	NPRHD / NQR / NRR	5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
SMK230A-8	2011-2021	NPRHD / NQR / NRR	5.2		I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP
SMK232A-8	2011-2021	FTR	5.2		I4 DIESEL 4HK	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH / MUST USE SIDE PORTED PUMP / W/O DUAL ALTERNATORS
SMK35-2	1994-1995	N-SERIES	5.7	350	V8 GAS	FOR USE W-WO AC / SUGGESTED 6" DUAL V CLUTCH
SMK36-2	1996-2002	N-SERIES	5.7	350	V8 GAS	FOR USE W-WO AC / SUGGESTED 6" DUAL V CLUTCH
SMK38A-I6	2003-2020	N-SERIES	6.0	366	V8 GAS	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / RECOMMENDED 1.75 CU. IN. OR 8 GAL. PUMP W/ 12HP RESTRICTION
<b>MITSUBISHI MEDIUM DUTY TRUCKS</b>						
MMK304-8	2012-2016	FE & FG SERIES /CANTER	3.0		I4 DIESEL	FOR USE W-WO AC / FOR TYRONE PUMP MOUNT ONLY / REQUIRES 8 GROOVE CLUTCH
MMK30A-8	2012-2016	FE & FG SERIES /CANTER	3.0		I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH
MMK31-8	2017-2019	FE & FG SERIES /CANTER	3.0		I4 DIESEL	FOR USE W-WO AC / REQUIRES 8 GROOVE CLUTCH (DISCONTINUED)
MMK31A-8	2017-2019	FE & FG SERIES /CANTER	3.0		I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO BOLT "A" FLANGE PUMP / REQUIRES 8 GROOVE CLUTCH (DISCONTINUED)
MMK41-2	1999-2002	FE & FG SERIES	4.9	299	I4 DIESEL	FOR USE W-WO AC / DOESN'T HAVE "B" GROOVE ON HARMONIC BALANCER / REQUIRES 6" DUAL V CLUTCH
MMK42-6	2002-2010	FE & FG SERIES	4.9	299	I4 DIESEL	FOR USE W-WO AC / REQUIRES 6 GROOVE CLUTCH / HAS "B" GROOVE ON HARMONIC BALANCER
MMK42A-6	2002-2010	FE & FG SERIES	4.9	299	I4 DIESEL	FOR USE W-WO AC / REQUIRES SAE TWO-BOLT "A" FLANGE PUMP / REQUIRES 6 GROOVE CLUTCH / HAS "B" GROOVE ON HARMONIC BALANCER.
<b>PETERBILT TRUCKS</b>						
PMK90-8	2003-2008	330 CHASSIS	7.2	442	I6 DIESEL / C7 CAT	FOR USE W-WO AC / W-WO AIR COMPRESSOR / REQUIRES 8 GROOVE CLUTCH