

PENNTEx INDUSTRIES APPLICATION GUIDE for ALTERNATOR KITS

10/11/2003

CHEVROLET/GMC

Engine	Chassis	Years	PennTex Part #	Notes
5.3L Gas	Cadillac Escalade Limo	2002 - 2003	PX-520G or PX-420G-5	uses K-6 pulley
5.700 Vortec	C/K & G-Van Shuttle Bus	1997-02 (some 96)	PX-420G-5	uses K-6 pulley
5.7L Gas	Savanna Van	2002 - 2003	PX-520G or PX-420G-5	uses K-6 pulley
6.0L Gas	Cadillac Escalade Limo	2002 - 2003	PX-520G or PX-420G-5	uses K-6 pulley
6.0L Gas	H-2 Humvee Limo	2002 - 2003	PX-520G or PX-420G-5	uses K-6 pulley
6.0L Gas	C / K Suburban Limo	2002 - 2003	PX-520G or PX-420G-5	uses K-6 pulley
6.0L Gas	G-Van Shuttle Bus	2002 - 2003	PX-420G-5	*** SEE SPECIAL FOOTNOTES ***

*** For 6.0L G-van chassis **without** cruise control. OEM Drive belt must be replaced with a 94 inch version.

For 6.0L G-van chassis **with** cruise control - relocation of cruise control module will be necessary for proper alternator clearance. Also need 94 inch belt.

For 6.0L G-van chassis & Max-A/C systems, use BSI bracket #17091. It supports second A/C comp. and PX-420G-5 without cruise control module clearance issues.

The BSI bracket kit #1793 supports a secondary A/C compressor and the PX-520G alternator. The cruise control module is not relocated.

6.5L Turbo Diesel	G-Van Shuttle Bus	1995-96	PX-420CS	Equipped with K6 pulley.
6.5L Turbo Diesel	C/K & G-Van	1997-02 (some 96)	PX-420G-5	Equipped with K6 pulley, requires belt PX-1363.
6.5L Diesel	P-30 chassis	1998 - 2000	PX-520P2	Requires PX-5503 bracket & PX-1359 belt - K6 pulley.
6.5L Diesel	Workhorse Worktruck	2002 - 2003	PX-420G-5	Fits in OEM alt. location, may require a longer belt.
6.6L Diesel	GMT-540 Worktruck chassis	2003	***	*** Application not finalized at this time.
6.6L Diesel	GMT-560 Shuttle Bus chassis	2003	***	*** Application not finalized at this time.
7.4L/454 Gas	G-Van Shuttle Bus	1988-96	PX-220P2-5	Equipped with K6 pulley. Bracket kit PX-1154 required.
7400 Vortec	C/K & G-Van Shuttle Bus	1997 - 2000	PX-420G-5	Equip. W/K-6 pulley. Older models may require PX-1357 belt.
7400 Vortec	P30	1998 - 2000	PX-520P2	Equip. w/K6 pulley-requires PX-5504 bracket & PX-1358 belt.
8.1L Gas	GMT-560 Shuttle Bus	2002 - 2003	PX-420G-5	OEM alternator location.
8.1L Gas	C / K Suburban Limo	2002 - 2003	PX-520G	Use PennTex PX-5800 Inboard Lift Kit.

DODGE/CHRYSLER

Engine	Chassis	Years	PennTex Part #	Notes
360 Gas	Ram Van	1995-2003	PX-220P2-5	Equipped with K7 pulley. Bracket kit PX-3600 required.

FORD

Engine	Chassis	Years	PennTex Part #	Notes
4.6L Gas	Ford Police / Lincoln Limo	1996 - 2002	PX-220RL-5T	Equipped with K6 PX-1353 pulley.
5.4L V8 Gas	E-350 series chassis	1997 - late 2001	PX-220R-5	Equipped with K8 PX-1130 pulley.
5.4L V8 Gas	E-350 series chassis	Late 2001 - 2003	PX-220R-5A	W/ dual A/C comp. & mount bracket (Max system)-K6 pulley
5.4L V8 Gas	E-350 series chassis	Late 2001 - 2003	PX-220R-5T	Use with single OEM A/C comp (Tie-in System)-K6 pulley
5.8L/351 Gas	E/F-350 series chassis	1995 - 1996	PX-220T3-5	Equipped with K6 pulley
6.0L Diesel	F-250 / 350 chassis	2003	PX-520TF	Equipped with PX-1130 K8 pulley
7.3L Diesel	E-350 series chassis	1988 - Feb. 1992	PX-220P-5	Equipped with double groove pulley 3.5/16"OD x 1/2" x 3/8"
7.3L Diesel	E-350 series chassis	March 1992-1994	PX-220T-5	1992 equipped w/ K6 or K7 pulley. 93-94 equip. w/ K8 pulley
7.3L Diesel	E-350/450 series chassis	1995 - 2003	PX-520T/622T / 627T / 635T	5T uses PX-1130 K8 pulley; 6T uses PX-1238 K8 pulley.
7.3L Diesel	F-250/350 series chassis	1995 - 2003	PX-520TF	Equipped with PX-1130 K8 pulley
7.5L/460 Gas	E-350 series chassis	1988 - 96	PX-220P-5	Equipped with K6 pulley
7.5L/460 Gas	E-350 series chassis	1994 - 96	PX-520P	Equipped with K6 pulley
6.8L V10 Gas	E-350/450 series chassis	1997 - 2001	PX-520R	* Equipped with K8 pulley. Bracket kit PX-2517-3 required.
6.8L V10 Gas	E-350/450 series chassis	2002 - 2003	PX-520R	** Equipped with K6 pulley. Bracket kit PX-2517-4 required.
6.8L V10 Gas	E-350/450 series chassis	2002 - 2003	PX-220R-5T	*** only avail. when PX-5R support bracket is not available.
6.8L V10 Gas	F-250/350 series chassis	1998 - 2003	PX-220R-5T	

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CATERPILLAR

Engine	Chassis	Years	PennTex Part #	Notes
3126 Caterpillar	Freightliner FB-65/ FS-65	2001 - 2003	PX-627SF	Fits standard large J180 mount. Use PX-1355 K8 pulley.

CUMMINS

Engine	Chassis	Years	PennTex Part #	Notes
6BT 5.9 Diesel	Misc. Shuttle & School	1995 - 2003	PX-320S	Fits standard large J180 mount. Use PX-1355 K8 pulley.
ISB/ISC	Freightliner FB-65	2002 - 2003	PX-627SF	Must have large J180 mount bracket. Use PX-1355 pulley.
ISB/ISC	Thomas/BlueBird	Most year models	PX-622S / PX-675S PX-635S	Fits standard large J180 mount. Use PX-1355 K8 pulley.

DETROIT DIESEL

Engine	Chassis	Years	PennTex Part #	Notes
Series 40/50/60	Thomas/BlueBird	Most year models	PX-622S / PX-675S PX-635S	Fits standard large J180 mount. Use PX-1355 K8 pulley.

FREIGHTLINER

Engine	Chassis	Years	PennTex Part #	Notes
Caterpillar 3126	Several chassis;	2001 - 2003	PX-627SF	J180 mount style. Replaces L/N 270 amp.
Cummins ISB/ISC	FB-65, MB-45, MB-55	2001 - 2003	PX-622Q / 627Q / 635Q *	New quad pad mount for cummins.
Mercedes 6.4L		2001 - 2003	PX-627SF	J180 mount style. Replaces L/N 270 amp.

INTERNATIONAL/NAVISTAR

Engine	Chassis	Years	PennTex Part #	Notes
T444E	3400, 3000RE, 3800	1994-2002	PX-320S	Fits standard large J180 mount. Use PX-1355 K8 pulley.
T444E	3400/3800	1995-2002	PX-622S / 627S / 635S *	Fits standard large J180 mount. Use PX-1355 K8 pulley.
DT466	International/BlueBird	Most year models	PX-622S / 627S / 635S *	Fits standard large J180 mount. Use PX-1355 K8 pulley.
T444E, DT-466, VT-365	3200, 3400, 3800 chassis	2002-2003	PX-622S / 627S / 635S *	Fits standard large J180 mount. Use PX-1355 K8 pulley.
Misc. Eng. w/ Delco 21/22SI	Misc. chassis	Most year models	PX-420S	Delco 21/22SI replacement. Use PX-1131 K8 pulley.

WORKHORSE CHASSIS

Engine	Chassis	Years	PennTex Part #	Notes
6.5L Diesel	Workhorse Worktruck	2002 - 2003	PX-420G-5	Fits in OEM location. May require a longer belt.
8.1L Gas	Workhorse Bus Chassis	2002 - 2003	PX-520G	Fits OEM location with the use of PX-5801 bracket & belt kit.
Cummins ISB / ISC	Workhorse Bus Chassis with Quad Pad Mount alternators	2002 - 2003	PX-622Q (220A) PX-627Q (275A) PX-635Q (350A)	New Quad Pad Mount for Cummins engines with this new alternator mounting configuration.

* PX-622 series is 220 amps output, PX-627 series is 275 amps output, and PX-635 series is 350 amps output.

For 24 volt Batteryless 12volt bus/24volt A/C applications the 140-amp (PX-614S) is available.

For normal 24 volt applications the 160-amp (PX-616) and the 190-amp (PX-619) are also available.

PENNTEx INDUSTRIES APPLICATION GUIDE for HIGH IDLER KITS

CHEVROLET/GMC

Engine	Chassis	Years	Part #	Notes
5700 Vortec V-8 gas	C/K & G Chassis	1996-2001	PI-1017	Late 2001 had throttle body change.
5700 gas	C/K & G Chassis	2002	PI-1030	Replaced by 6.0L in year model 2003.
6.0L gas	G Van Chassis	2002-2003	PI-1032	
6.0L gas	C/K Suburban	2003	PI-1035	Drive by wire
6.0L gas	H2 Hummer	2003	PI-1036	Drive by wire
6.0L gas	Tahoe	2003	PI-1037	Drive by wire
6.5L Turbo Diesel	G-Van	1995	PI-1010	Will work on other chassis with modifications. May require "Park/Neutral/Reverse" switch PI-203.
Drive-By-Wire				
6.5L Diesel	GMC Vandura	1995-96	PI-1012	Mechanical throttle. May require "Park/Neutral/Reverse switch PI-203.
6.5L Turbo Diesel	G-Van	1996-on	PI-1011	Will work on other chassis with modifications. May require "Park/Neutral/Reverse" switch PI-203.
Drive-By-Wire				
7.4L (454) V-8 gas	Rail Chassis	1995-96	PI-1005	May require "Park/Neutral/Reverse" switch PI-203.
7400 Vortec V-8 gas	C/K & G Chassis	1996-2000	PI-1019	Replaced by 8.1L in year model 2001
8.1 Drive-By-Wire	G-Van	2001-2003	PI-1029	Vehicle computer must be programmed by dealership.

DODGE/CHRYSLER

Engine	Chassis	Years	Part #	Notes
360 V-8 gas	G-Van	1995-on	PI-1006	

Use Universal Kit #PI-1015 for vehicle applications prior to 1995. This kit will require modifications.

FORD

Engine	Chassis	Years	Part #	Notes
351/460 V-8 gas	E-series, Van	1995-96	PI-1003	
351/460 V-8 gas	F-series, Truck	1995-96	PI-1004	
4.6L V-8 gas	Ford Police/Lincoln Limo	1998-2002	PI-1023	OBD2 "CHECK ENGINE" light problem
4.6L V-8 gas	Crown Victoria Police car	2003	PI-1033	
5.4L V-8 gas	E-series, Van	1997-on	PI-1016	OBD2 "CHECK ENGINE" light problem
5.9L Diesel, FD-1060	B-series, HD Truck	1996-98	PI-1007	
6.8L V-10 gas	E-series, Van	1997-on	PI-1016Q	Includes Ford QVM requirements for added Timer for idler.
7.3L Turbo Diesel	E-series, Van	1995-96	PI-1002	Will work on F-series with modification.

CUMMINS

Engine	Chassis	Years	Part #	Notes
5.9L 6BT Diesel	Spartan, Blue Bird	1996-on	PI-1009	Other front engine/forward control. May require modifications.

INTERNATIONAL/NAVISTAR

Engine	Chassis	Years	Part #	Notes
T444E, Diesel Drive-by-Wire	3400	1994-97	PI-1013	May work on other chassis with mod. May require PI-1021.
T444E, Diesel Drive-by-Wire	3000RE, 3800	1995-97	PI-1014	May work on other chassis with mod. May require PI-1021.
T444E Diamond Logic	All	1998-on	PI-1022	May require mod. May require PI-1021.
VT-365 / DT-466	3200	2002-2003	PI-1022	Chassis must be ordered with option code 12VVC to support hook-up.

FREIGHTLINER

Engine	Chassis	Years	Part #	Notes
Cummins ISB, Cat.3126	Freightliner chassis that have the optional OEM Idler connector that is factory installed & ECM programmed	2001-on	PI-1025	Plug and play install. ** Not for FB-65 chassis