

Get The PenTex Advantage!
PERFORMANCE, ENDURANCE AND SATISFACTION

PENNTEX IDLE SPEED CONTROL SYSTEMS



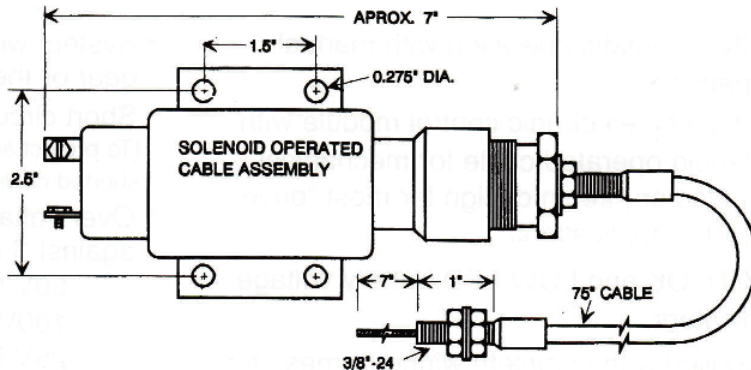
1.25" Tall
 2.5" Wide
 3.0" Long

Indicator lights show your charging system status instantly

HIGH IDLE CONTROLLER
 (Not used on every application)



SOLENOID OPERATED CABLE ASSEMBLY FOR MECHANICAL THROTTLES



SPECIAL FEATURES

- Fully automatic operation in Park with parking brake on if system voltage drops below 12.75 volts.
- High Idler can be manually engaged at any time if the vehicle is in Park with the parking brake set.
- System will disengage when the vehicle is put in gear or the main brake pedal is depressed.
- One piece electronic control module with solenoid operated cable for mechanical throttles or plug-in design for some "drive-by-wire" applications.
- Mechanical throttle idle speed is easily adjusted at the solenoid to get your desired RPM.
- High Idle Controller has HIGH, OK, and LOW LED battery voltage indicators.
- A complete Idler System wiring harness is supplied.

- Short circuit output protection to protect against incorrect installation or shorted output.
- Overvoltage protection to protect against "Load Dump":
- Reverse polarity protection to protect against reverse jump start
- GXL wire standard in interconnect wiring harness.
- Complete installation instructions are included for many applications.

WARRANTY

PENNTEX INDUSTRIES, INC. STANDARD WARRANTY IS EIGHTEEN (18) MONTHS OR 75,000 MILES – WHICHEVER OCCURS FIRST, WHEN INSTALLED ON A NEW OEM VEHICLE. AFTERMARKET INSTALLATIONS HAVE A WARRANTY OF TWELVE (12) MONTHS/UNLIMITED MILES.

APPLICATIONS

Buses, specialty vehicles and all other vehicles which require higher than normal idle RPM to assist the charging system with the amp load demands of the vehicle.



High Idler Application Guide

Manufacturer & Engine:	Chassis:	Years:	Part #:	Notes:
CHEVROLET / GMC				
5700 Vortec V-8 gas	C/K & G series	1996-2001	PI-1017	Late 2001 had a throttle body change.
5700 gas	G-Van	2002	PI-1030	Replaced by 6.0L in model year 2003.
6.0L gas	G Van	2003-2006	PI-1032	With mechanical throttle.
6.5L Turbo Diesel	G-Van (drive by wire)	1995	PI-1010	May work on other chassis with modifications. May require the use of "Park/Neutral/Reverse" switch PI-203.
6.5L Diesel	GMC Vandura	1995-on	PI-1012	W/mechanical throttle. May require a "Park/Neutral/Reverse" switch PI-203.
6.5L Turbo Diesel	G-Van (drive by wire)	1996-on	PI-1011	May work on other chassis with modifications. May require the use of "Park/Neutral/Reverse" switch PI-203.
7.4L (454) V-8 gas	Rail Chassis	1995	PI-1005	May require the use of "Park/Neutral/Reverse" switch PI-203.
7400 Vortec V-8 gas	C/K & G	1996-1999	PI-1019	Replaced by 8.1L in model year 2000.
8.1 Drive-By-Wire	G-Van	2001-2006	PI-1029	Vehicle computer must be programmed by dealership.
CUMMINS				
5.9L 6BT Diesel	Spartan, Blue Bird	1996-on	PI-1009	Most front engine or forward control. May require modifications.
DODGE / CHRYSLER				
360 V-8 gas	Dodge Van chassis	1995-2004	PI-1006	
FORD				
351/460 V-8 gas	E-series Van chassis	1995-1996	PI-1003	
351/460 V-8 gas	F-series Truck chassis	1995-1996	PI-1004	
4.6L V-8 gas	4.6L Lincoln Town Car	1996-1997	PI-1008	Will not support truck or van applications.
4.6L V-8 gas	Ford Police/Lincoln Limo	1998-2002	PI-1023	
4.6L V-8 gas	Crown Victoria Police Car	2003	PI-1033	
5.4L V-8 gas	E-series Van	2000-2004	PI-1016	For Ford QVM requirements requiring a Timer-use PI-1016Q.
5.4L V-8 gas	E-series Van	2005-2008	PI-1039	Chassis with GVW of 8,500 or higher only, otherwise SEIC not available.
5.9L Diesel, FD-1060	B-series, HD Truck	1996-1998	PI-1007	
6.0L Diesel	E-series Van	2005-2008	PI-1038	Chassis with GVW of 8,500 or higher only, otherwise SEIC not available.
6.8L V-10 gas	E-series Van	1997-2004	PI-1016Q	Includes Ford QVM requirements for added Timer for idler.
6.8L V-10 gas	E-series Van	2005-2008	PI-1039	Chassis with GVW of 8,500 or higher only, otherwise SEIC not available.
7.3L Turbo Diesel	E-series Van (Drive By Wire)	1995-1996	PI-1002	May work on F-series with modification.
FREIGHTLINER				
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 installation. ** Not for FB-65 chassis **
T444E, Diesel DBW*	3400	1994-97	PI-1013	May work on other chassis with modifications. May require PI-1021 park brake switch.
T444E, Diesel DBW*	3000RE, 3800	1995-97	PI-1014	May work on other chassis with modifications. May require PI-1021 park brake switch.
T444E Diamond Logic	All	1998-on	PI-1022	May require modifications. May require the use of PI-1021 park brake switch.
VT-365 / DT-466	3200	2002-on	PI-1022	Chassis must be ordered with option code 12VYC to support hook-up.
*Drive-By-Wire				
UNIVERSAL				
For various 1995 and older applications use the PI-1015 Universal High Idle Kit for mechanical throttles. Contact PennTex for specifics.				

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