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Installation Instructions

For
#64171 Striker II Power Module
2004.5-2006 Dodge
Cummins 5.9L 600/610 ft/lb Diesel

2nd Edition August 2007

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The Striker II Diesel Power Module features an ease of installation and use design. After a few simple connections the tune-ability that you have always wanted from your Cummins diesel will be available at a touch of a button. This module is compatible with the 600/610 ft/lb Cummins diesel engine. Locate the engine code sticker on the driver's side of the engine and verify this is the engine in the truck. Make sure the key is off before any connections are made.

Parts List:

- 1- Striker II Power Module
- 1- Wire Harness
- 10- 7" tie wraps
- 1- Instruction Sheet
- 1- Multi Decal Sheet
- 4 inches of Velcro

Tool List:

- Long-nose pliers
- Phillips and flat head screwdrivers
- Drill and Drill bits
- 3/8 Ratchet and Metric sockets

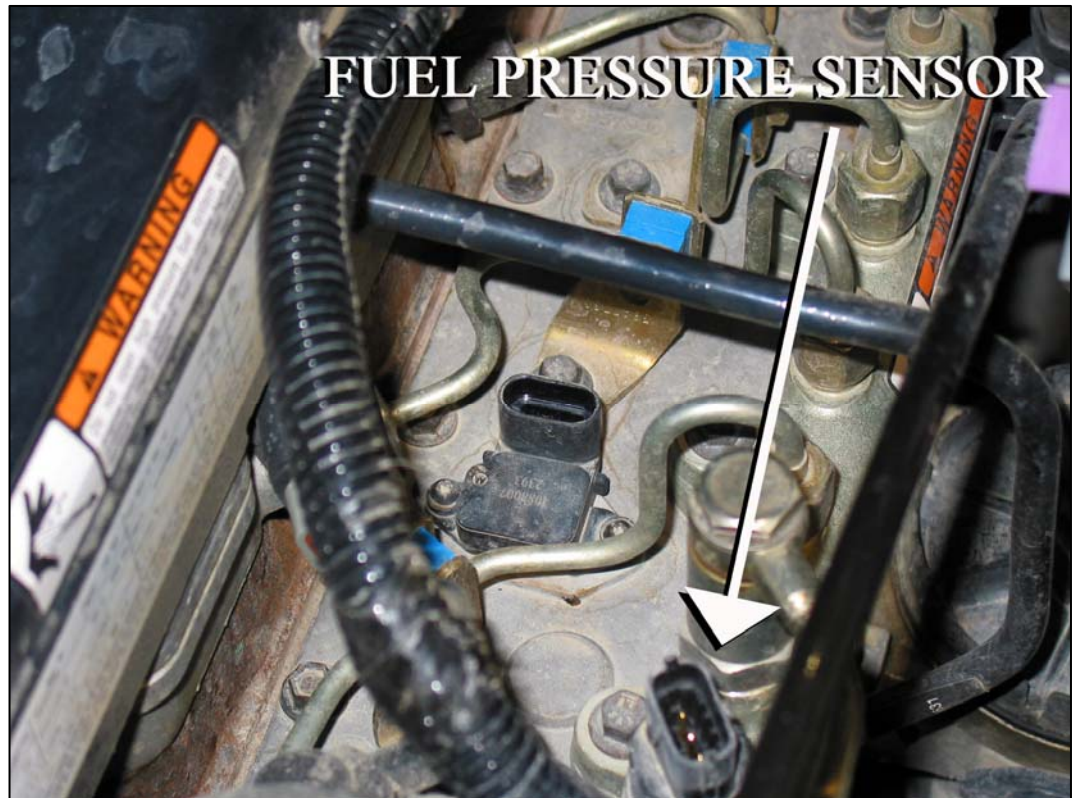


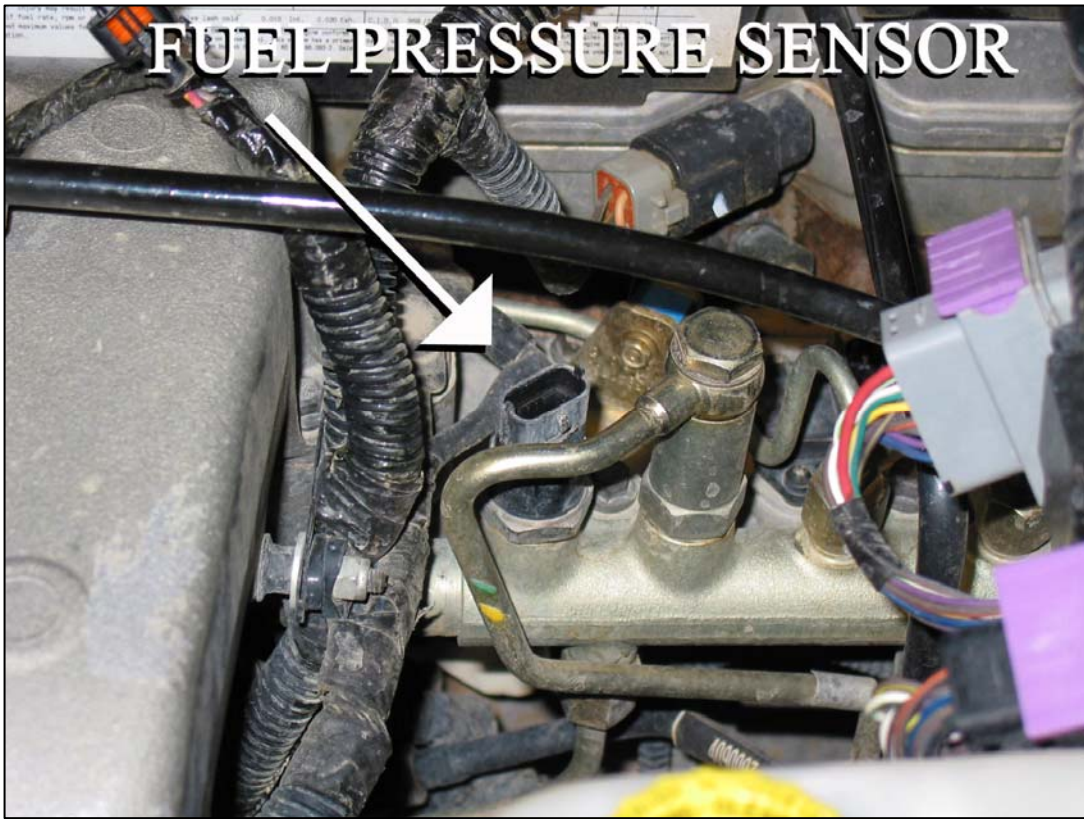
Engine Compartment Installation:

The Striker II Diesel Power Module is shipped with a harness to match your vehicles configuration. Harness alterations are not needed. If difficulties during installation are experienced please contact us via phone at 800-423-9696 or email to tech@painlessperformance.com. One connection will be made in the engine compartment. Route all wires and connectors away from potential hot spots on the engine. Securely attach the wires using the supplied tie wraps.

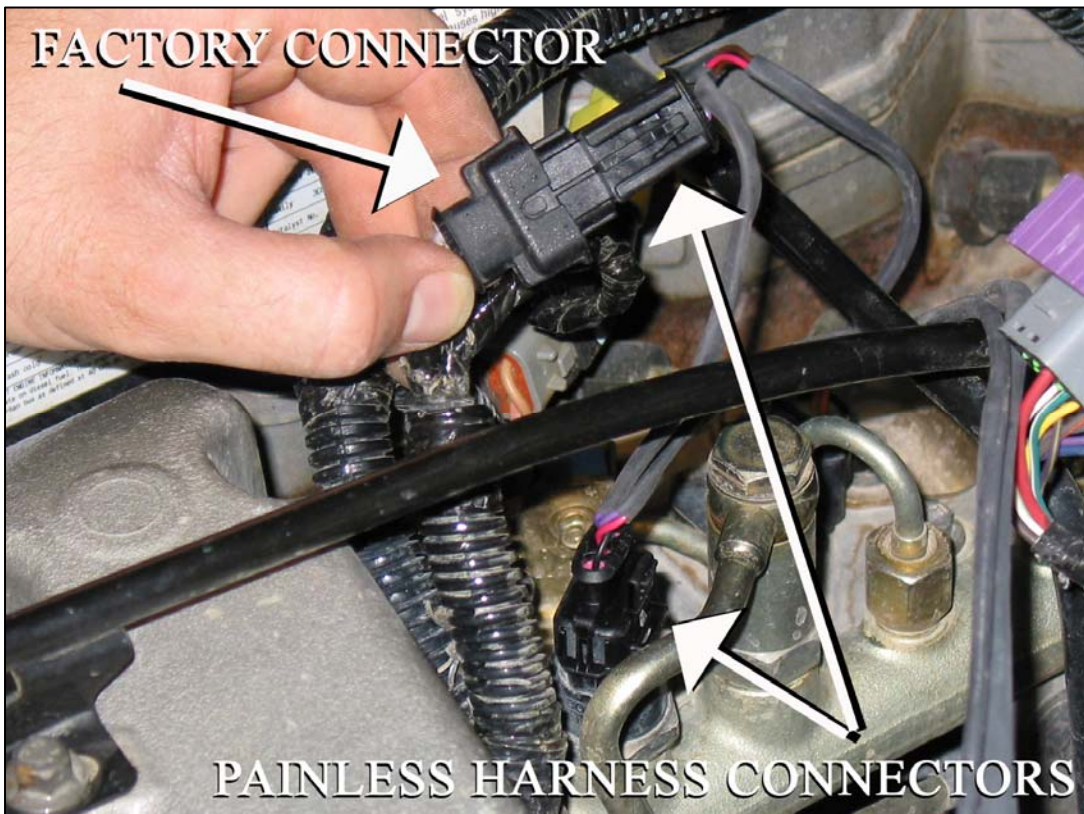
Fuel Pressure Sensor:

Locate the Fuel Pressure Sensor located on the fuel rail just behind the intake manifold pipe. This sensor is directly below the engine oil dip-stick tube and mounted in the high pressure fuel rail.

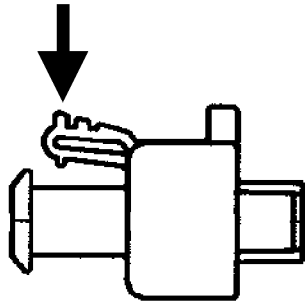




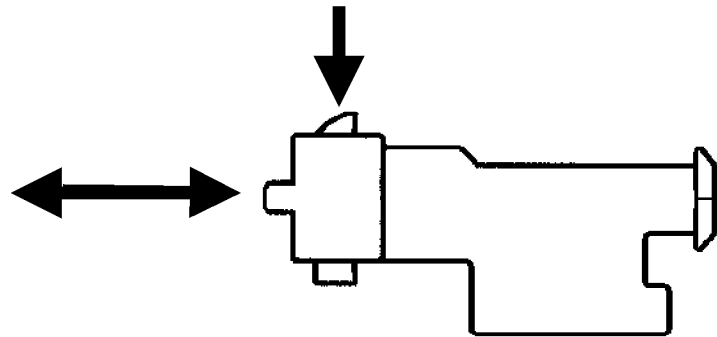
Disconnect the factory fuel pressure sensor connector from the fuel pressure sensor. Plug this male connector into the Striker harness female fuel pressure sensor connector. Plug the Striker harness male fuel pressure sensor connector into the fuel pressure sensor.



CPA TAB



CPA RAMP



NOTE: Illustration shows correct orientation on connector

Route the harness over to the driver's side of the engine compartment.



Locate a good place to route the Striker harness through the firewall of the truck and into the cab area. This rubber plug is an ideal place to do so. If the truck has a 6-speed transmission, make sure to not route the wires where the clutch pedal will rub on them.



Route the module connector up to where the module will be mounted. Make sure to not route the wires near the brake, clutch or gas pedals or any movable parts on the steering column. Loosen the screws on the back of the module approximately three turns. Plug in the Striker harness to the module and tighten the screws. Use the supplied Velcro strips and attach the module permanently.

Power Level Adjustment:

The +/- buttons are used to move between these power levels. Power levels can be adjusted with the vehicle running, on the fly or with the key on, engine off.

E- Fuel Economy mode

0- Stock Factory setting

1-5- Power levels increasing the engine output with the higher the number

Initial Startup:

Turn the ignition key to the on position. Crank and start the vehicle. Allow time to reach operating temperatures before loading the engine excessively. After powering up the module the first time the power level will default to its last known state.

Cold Weather Start-up:

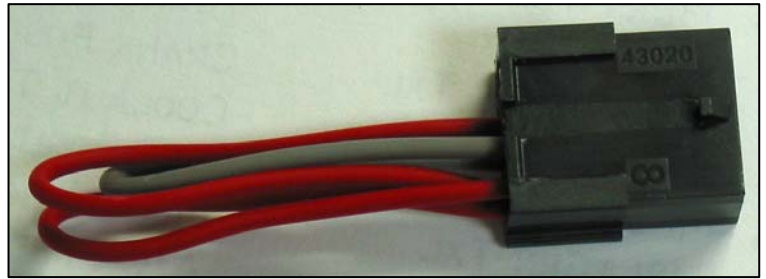
During cold start-up the diesel power module should only be used between power levels 0-3. Other power levels may be used during cold start-up but, do not excessively load the engine until it is up to operating temperature!

Recommendation:

It is recommended to uninstall this harness and module before any work is done on the vehicle by a dealership.

Trouble Shooting:

If the vehicle is not functioning correctly, unplug the Striker power module and plug this pigtail into the Striker harness. If the engine still does not function correctly recheck all of the connections. If the harness is installed correctly the engine will start and function just as stock. Unplug the pigtail and plug the Striker power module back into the Striker harness.



PAINLESS WIRING OFFERS A TECHNICAL ASSISTANCE LINE TO ANSWER ANY QUESTIONS YOU MAY HAVE. THE NUMBER IS (800) 423-9696. PHONES ARE ANSWERED MONDAY THROUGH FRIDAY FROM 8 AM TO 5 PM CENTRAL TIME, NOT INCLUDING HOLIDAYS. PLEASE LEAVE A MESSAGE IF YOU ARE UNABLE TO REACH US AND WE WILL RETURN YOU'RE CALL AS SOON AS POSSIBLE.

Painless Performance Limited Warranty and Return Policy

Chassis harnesses and fuel injection harnesses are covered under a lifetime warranty. All other products manufactured and/or sold by Painless Performance are warranted to the original purchaser to be free from defects in material and workmanship under normal use. Painless Performance will repair or replace defective products without charge during the first 12 months from the purchase date. No products will be considered for warranty without a copy of the purchase receipt showing the sellers name, address, and date of purchase. You must return the product to the dealer you purchased it from to initiate warranty procedures.

NOTES:

