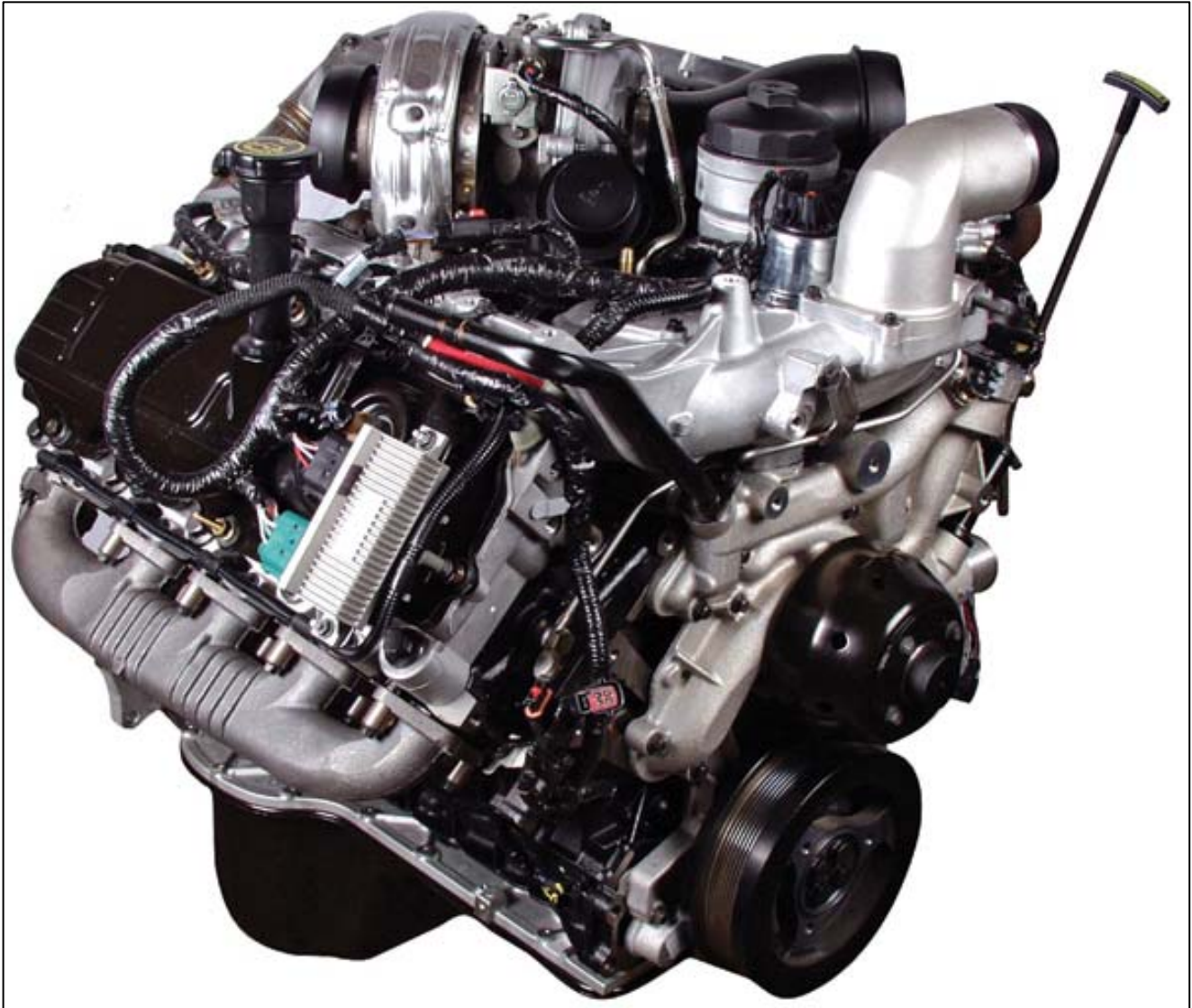




2501 Ludelle Street  
Fort Worth, Texas 76105  
817-244-6212 Phone • 817-244-4024 Fax  
888-350-6588 Sales • 800-423-9696 Tech  
E-mail: [painless@painlessperformance.com](mailto:painless@painlessperformance.com)  
Web: [www.painlessperformance.com](http://www.painlessperformance.com)



# Installation Instructions

For

**#64266 Striker FE Module**

**2003-2006 Ford**

**Powerstroke 6.0L Diesel**

2<sup>nd</sup> Edition August 2007

Copyright © 2006 by Perfect Performance Products, LLC

The Striker Fuel Economy Module features an ease of installation and use design. After a few simple connections the fuel economy that you have always wanted from your Powerstroke diesel will be available at a touch of a button. Please read these entire instructions before beginning the installation. Make sure the key is off before any connections are made.

## **Parts List:**

- 1- Striker FE Module
- 1- Wire Harness
- 10- 7" tie wraps
- 1- Instruction Sheet
- 1- Multi Decal Sheet
- 4- Inches Velcro

## **Tool List:**

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

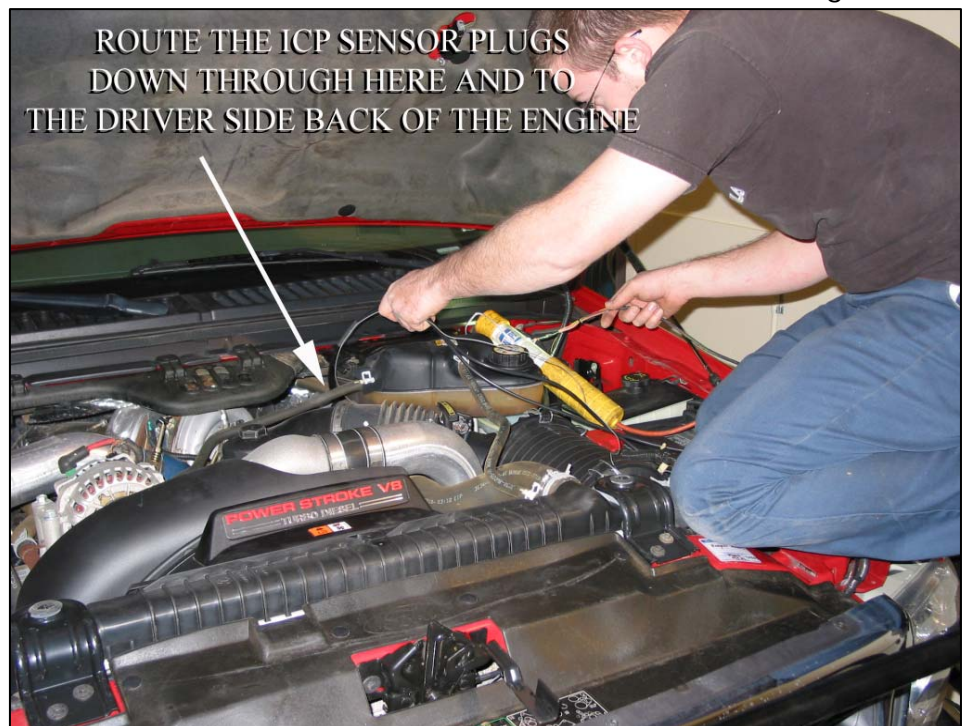


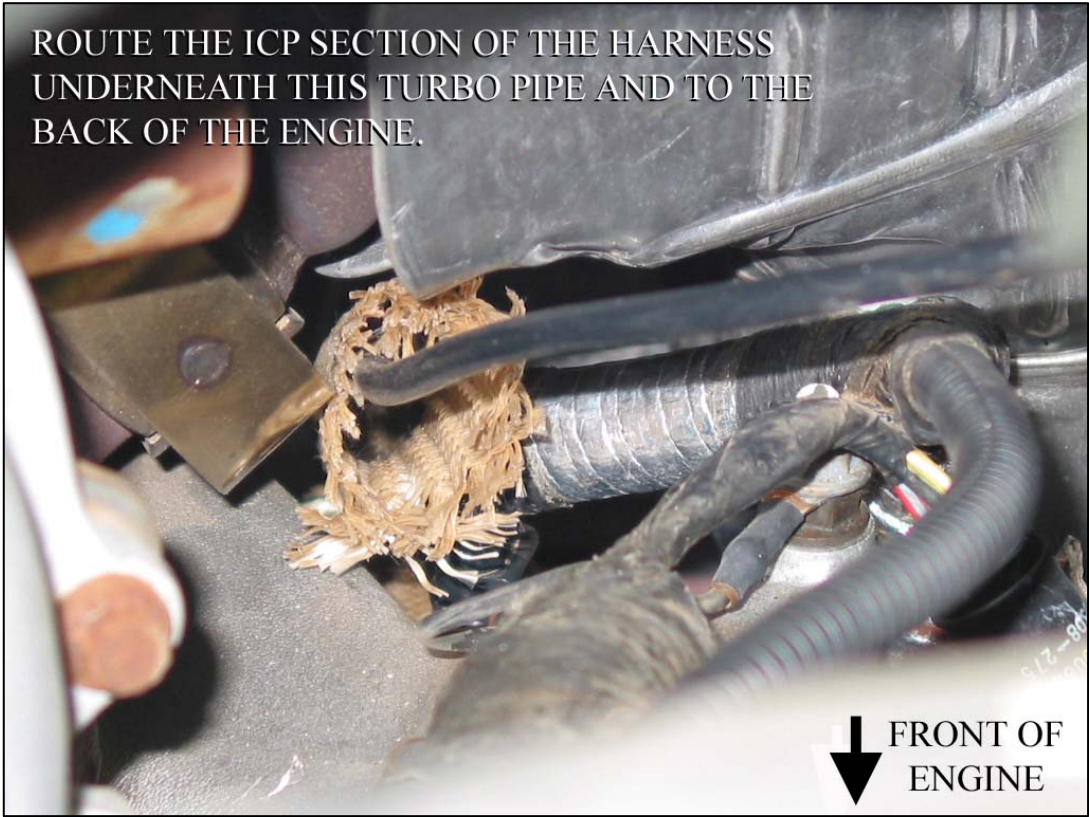
## **Engine Compartment Installation:**

The Striker FE 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](mailto:tech@painlessperformance.com). One connection will be made in the engine. Route all wires and connectors away from potential hot spots on the engine. Securely attach the wires using the supplied tie wraps.

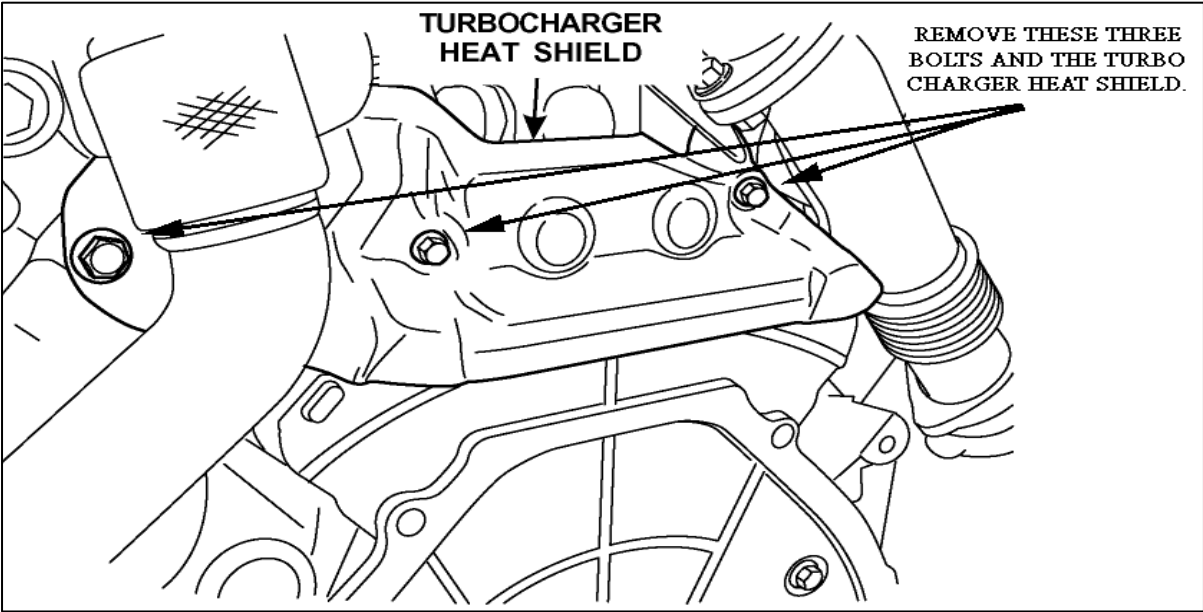
## **Injection Control Pressure Sensor Connector:**

On 2003 and some early 2004 trucks the ICP sensor is mounted at the back of the engine underneath a heat shield. The heat shield can only be seen from underneath the truck with a flash light pointed towards the top rear of the engine. Route the Striker FE Module harness underneath the turbo charger and to the back of the driver side of the engine. Turbo chargers get extremely hot; make sure to route wires away from touching any turbo charger piping or exhaust piping. It is advisable to wrap this part of the harness with a heat resistant material to ensure thermal protection.

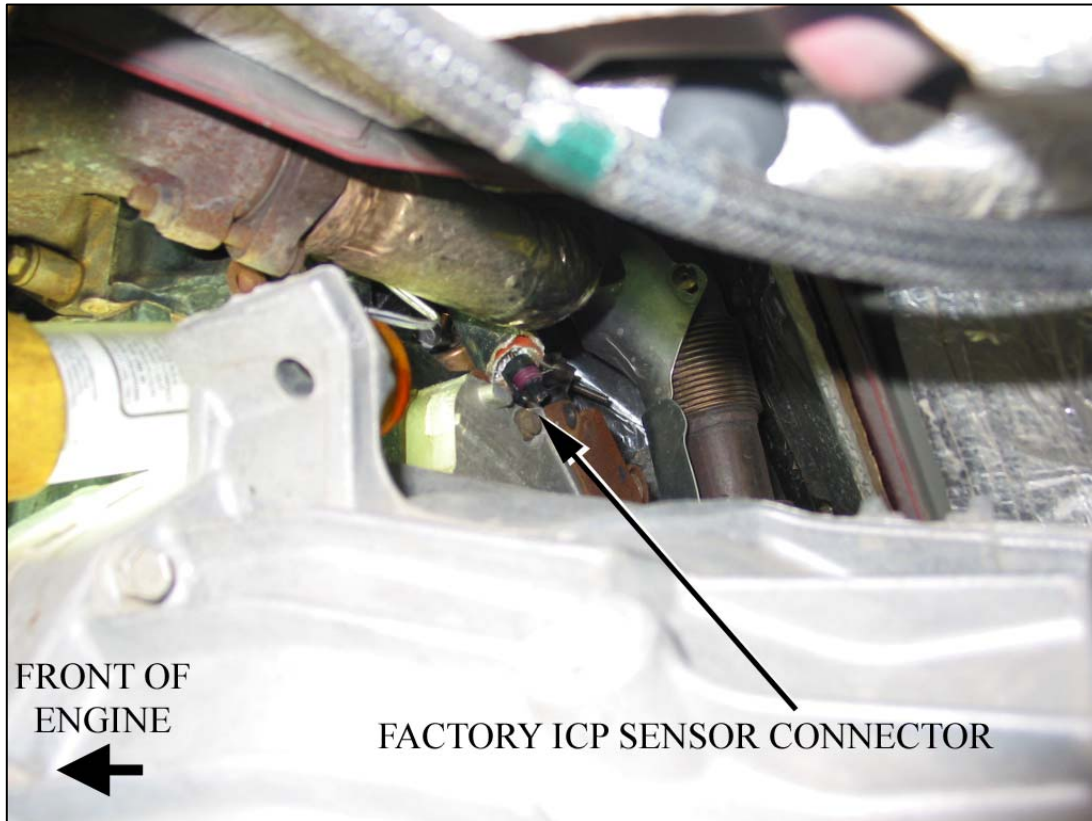




2003 and some early 2004 trucks require reaching up behind the engine and transmission from underneath the truck, on the driver's side, to reach the ICP Sensor connector. Remove the turbo charger heat shield.



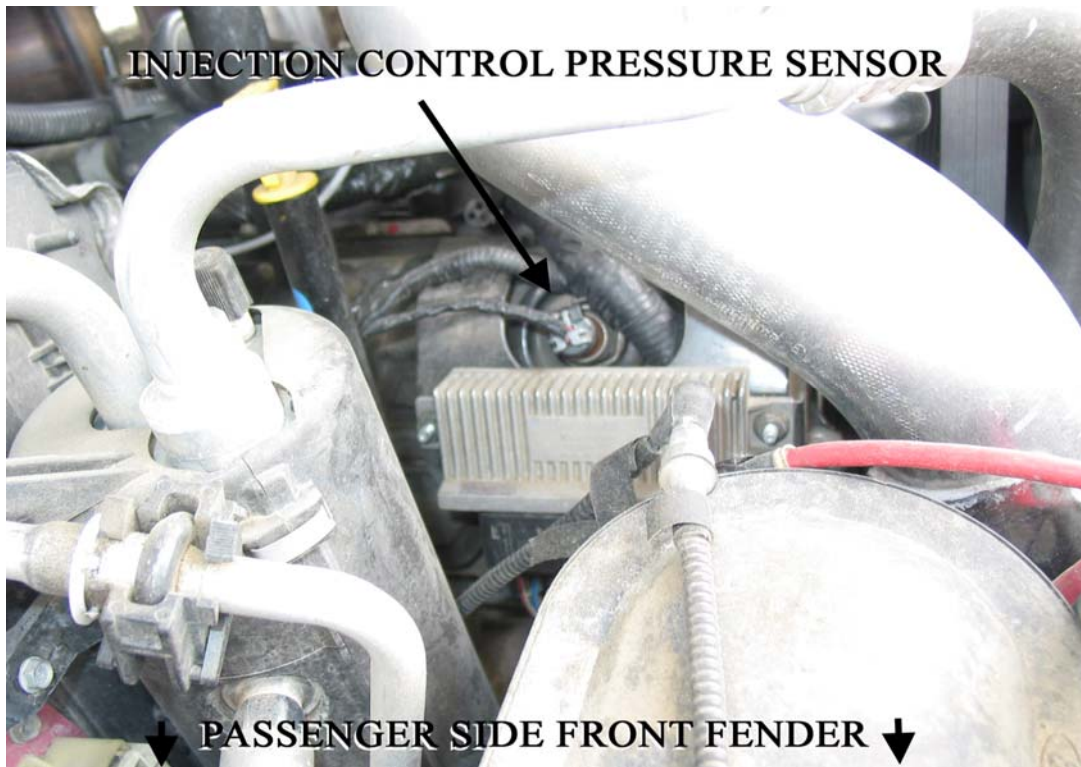
Behind the turbo charger heat shield the ICP sensor can be found mounted into the engine. The factory ICP sensor connector will have insulation surrounding it and the wires from it. This insulation must be pulled back in order to reach and unplug the factory ICP sensor connector.



Disconnect the factory ICP sensor connector. Plug this male connector into the female ICP connector on the Striker harness. Plug the male ICP connector on the Striker harness into the ICP sensor. Reinstall the turbo charger heat shield.



Most late 2004 and newer trucks have the ICP sensor mounted on the passenger side valve cover. Route the ICP sensor connectors on the Striker harness over to the passenger side valve cover. Unplug the male factory ICP sensor connector and connect this to the female ICP sensor connector on the Striker harness. Plug the Striker harness male ICP sensor connector into the ICP sensor on the valve cover.



Drill a hole in this plastic cover big enough to accommodate the connector on the harness. Insert the harness through this plastic cover and into the driver's compartment. 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.

### **Module Operation:**

This module incorporates four LEDs and one push button.

From left to right the LED functions are:

**Power Indication-** Illuminates when module is powered up (key on and/or truck running).

**LED A-** Illuminates when module is in stock mode

**LED B-** Illuminates when module is in fuel economy mode

**Switch LED-** Illuminates when button is pressed to switch between stock and fuel economy modes.

Also illuminates when module is actively modifying the truck's fuel economy.

**Push Button-** By pushing the button the module switches between stock and fuel economy modes.

## **Initial Startup:**

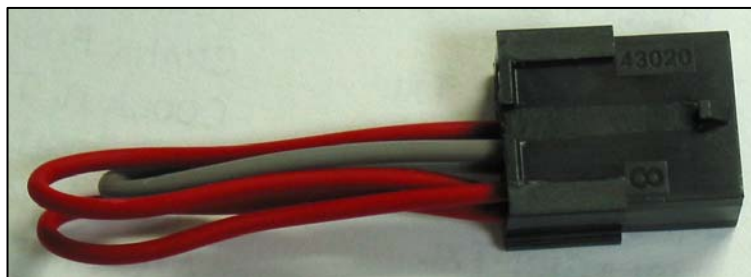
Turn the ignition key to the on position. The power LED should light up. Any other result is considered undesirable and all connections should be rechecked. Press the button to switch between stock and fuel economy modes. After selection is made, the module will stay in that mode for any following key-on/key-off events.

## **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:**