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## **Installation Instructions**

**For**

**#64275 Striker FE Module**

**2005-2006 Jeep Liberty**

**2.8L Turbo Diesel**

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

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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 Liberty 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

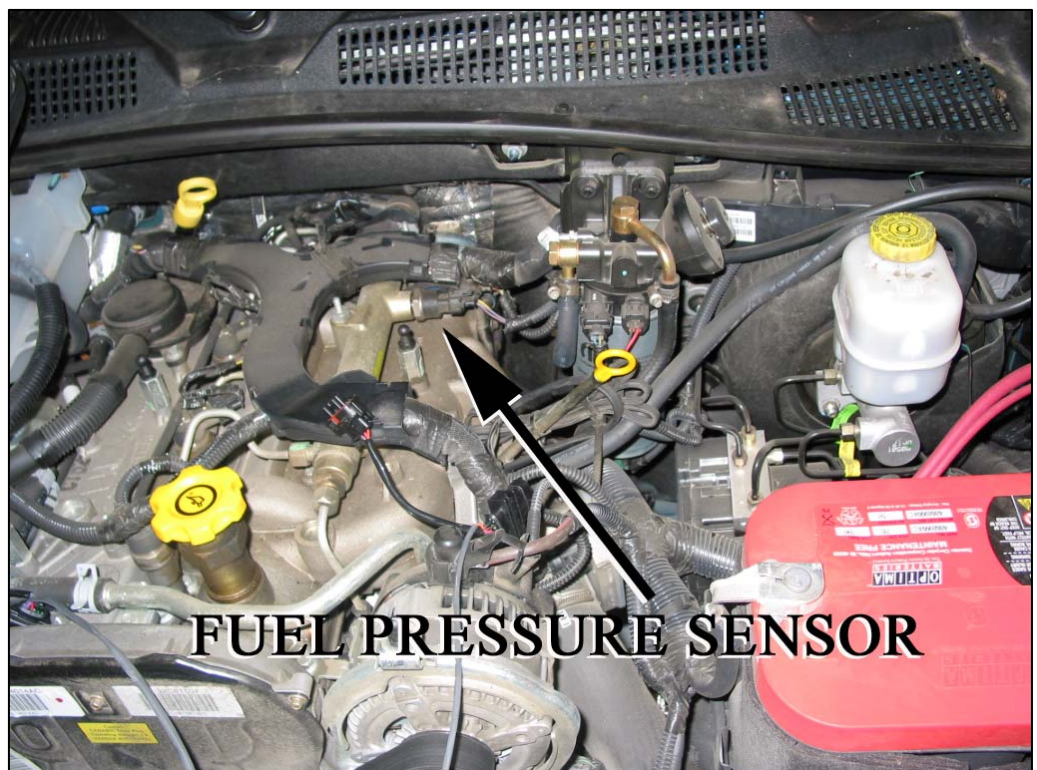


## **Engine Compartment Installation:**

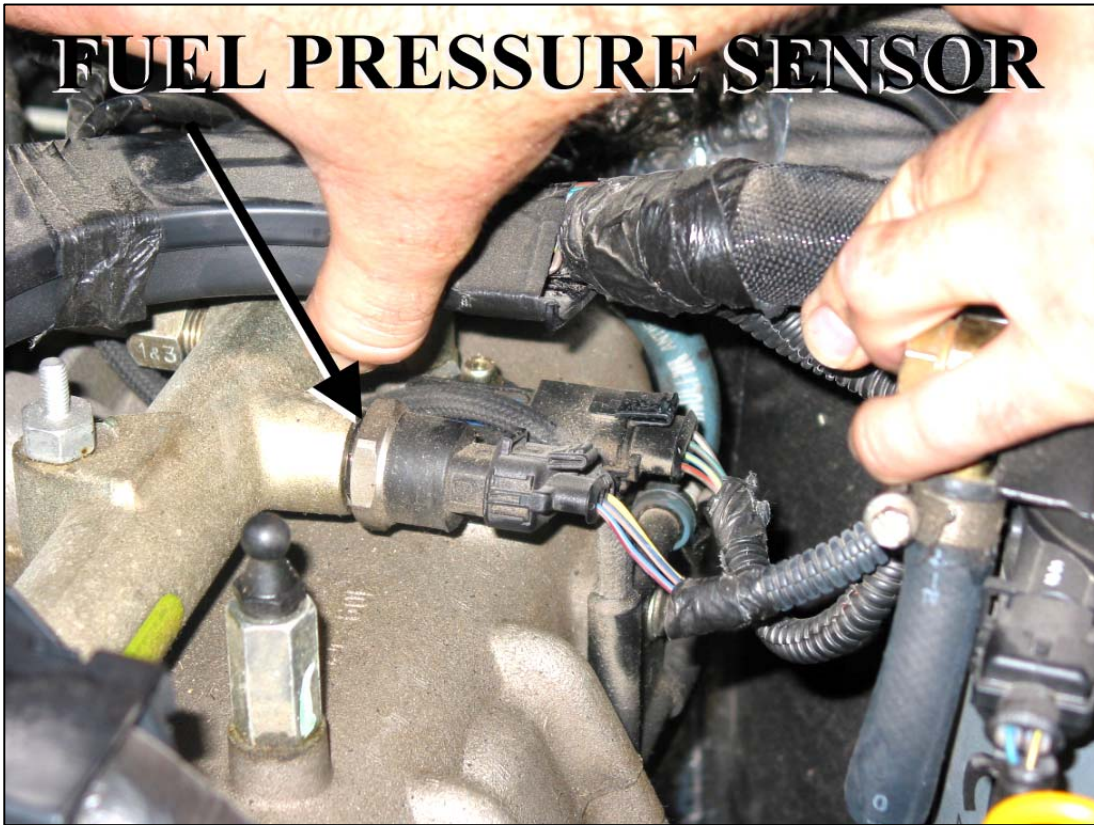
The Striker Fuel Economy Module is shipped with a harness to match your vehicles configuration. Harness alterations are not needed. If difficulties during installation are experienced please contact us via phone at 800-423-9696 or email to [tech@painlessperformance.com](mailto:tech@painlessperformance.com). One connection will be made in the engine 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 Location:**

Remove the oil filler cap. Pull up on the engine cover to remove it. Both the fuel and boost sensors are located on the driver side rear of the engine near the fuel filter.

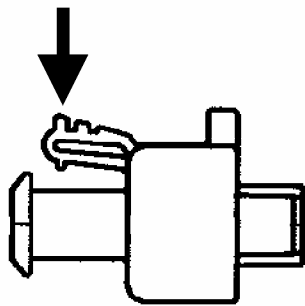


Locate the fuel pressure sensor connector.

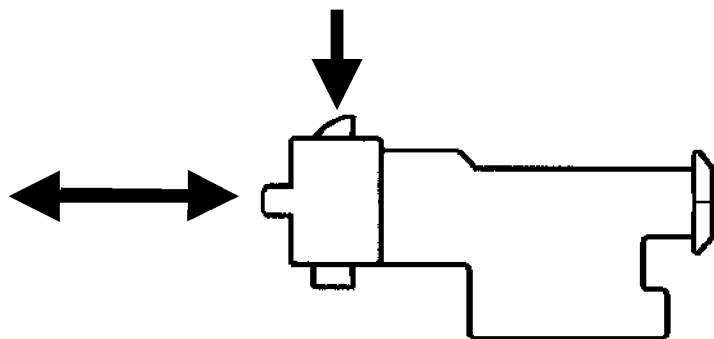


Disconnect the factory fuel pressure sensor connector from the fuel pressure sensor. Connect the factory fuel pressure sensor connector to the corresponding female connector on the Striker harness. Connect the male fuel pressure sensor connector on the Striker harness to the fuel pressure sensor.

**CPA TAB**



**CPA RAMP**



**NOTE: Illustration shows correct orientation of connector latch**



Route the remainder of the Striker harness through this hole in the firewall which is located directly below the harness grounding point and behind the fuel filter. Pull the factory installed rubber grommet out of the hole, cut a slit in the grommet and insert the harness through it. Reinstall the grommet with the harness through it.





Reinstall the top engine cover and oil filler cap. 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:**

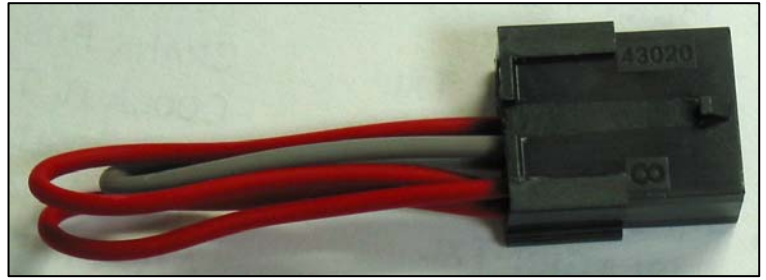
Turn the ignition key to the on position. The power LED should light up. Any other result is considered undesirable and all connections should be rechecked. Press the button to switch between stock and fuel economy modes. After selection is made, the module will stay in that mode for any following key-on/key-off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

### **Recommendation:**

It is recommended to uninstall this harness and module before any work is done on the vehicle by a dealership. Before removal, wait at least 5 minutes from the last key on/off cycle.

### **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:**

