



**INSTALLATION  
GUIDE**

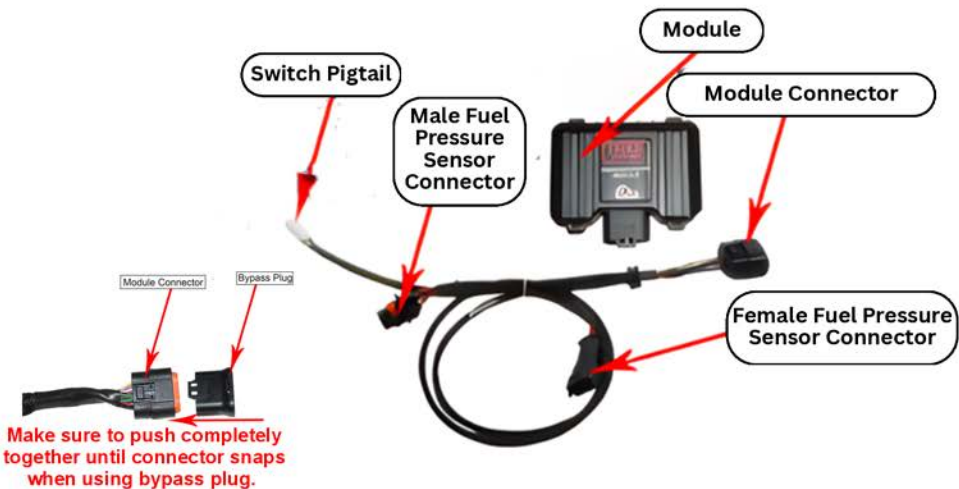
**Driving Performance. Innovating Solutions.**

# 52000 MODULE

**2004 - 2013 5.9L & 6.7L  
2005 - 2007 8.3L & 9.0L  
CUMMINS MEDIUM DUTY ENGINES**



# 52000 Module



A bypass plug is included with the module for potential troubleshooting. Install bypass plug in module connector to return equipment to stock functionality if needed

**Module will default to HIGH setting if switch is not connected.**

## Switch Positions:

- \*STOCK
- \*LOW, up to 10% HP
- \*MEDIUM, up to 20% HP
- \*HIGH, up to 30% HP

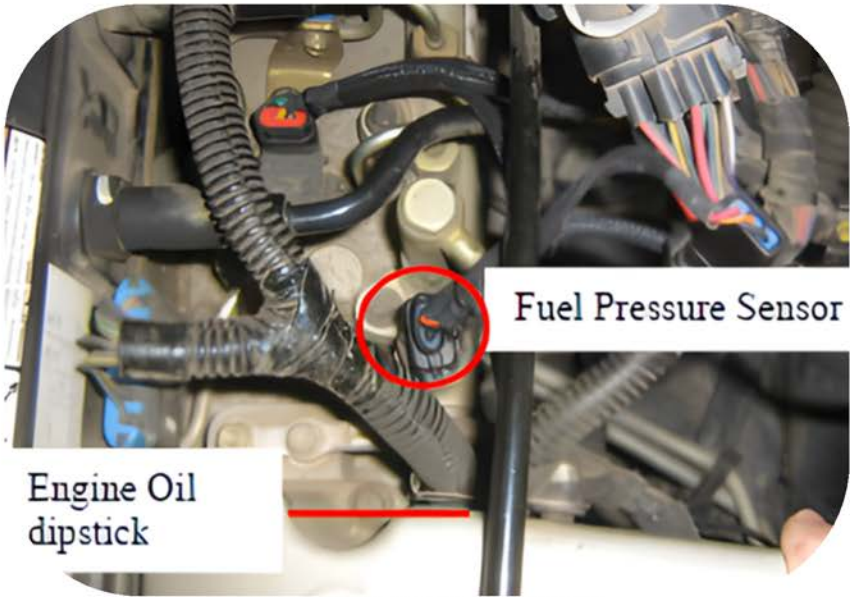


Module switch can be ran inside the cab for easy performance adjustment.  
or the Module switch can be secured in engine bay if desired.

**\*DISCLAIMER\***  
**\*NOT FOR USE IN CALIFORNIA\***

\*MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMMISIONS CONTROL SYSTEMS\*  
If installation assistance is needed, PSI Power is not responsible for any cost associated with third party installation.

**TECH SUPPORT**  
**(812) 618-9168**



5.9L Cummins Fuel Pressure Sensor

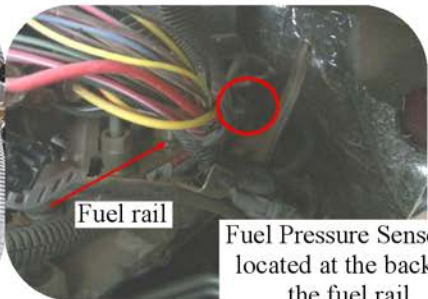
**Step 1)** Locate fuel system on driver's side of engine.

**NOTE:** To avoid confusion please refer only to the picture provided for the desired application.

**Step 2)** Locate fuel pressure sensor according to the application shown in each picture.



8.3L & 9.0L Cummins Fuel Pressure Sensor



6.7L Cummins Fuel Pressure Sensor

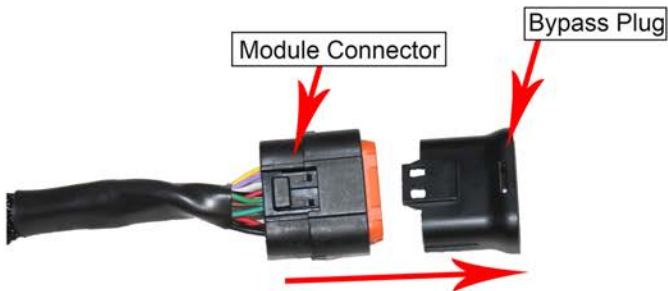
**NOTE:** 6.7 L Engines, don't forget to install the shim kit on page 4

**Step 3)** Unplug fuel pressure sensor.

**Step 4)** Plug male connector from module into fuel pressure sensor.

**Step 5)** Connect the stock connector to the female connector from the module.

**Note:** Make sure to push completely together until the connector snaps.



**Step 6)** Remove the bypass plug from the Ag Diesel Solutions harness, and plug the harness into the module.

**Note:** Keep the bypass plug for potential troubleshooting.

**Step 7)** Mount the module box in a safe location using the zip ties to secure the wires and module away from any extreme heat and moving parts.

**Note:** Mounting the module with the connector down will help prevent moisture from collecting into the module connector.

# ONLY for 6.7 Cummins Shim Kit Instructions



Fuel Pressure sensor

**Step 1)** Remove Cover shown below by removing the oil dipstick and 4 bolts holding cover to engine



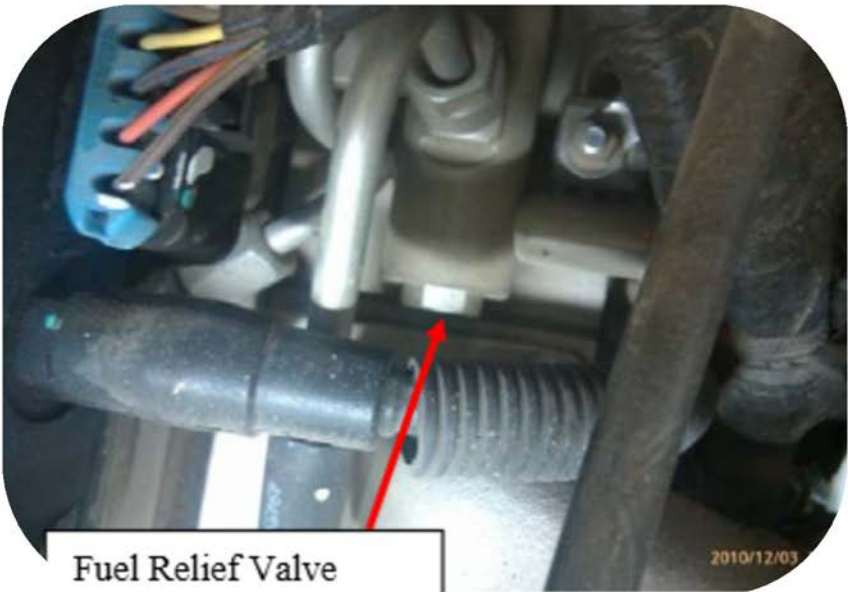
**Step 2)** Using an 11mm wrench remove the 2 clamps holding the EGR tube that crosses in front of the valve cover.

**Note:** You don't have to remove the tube just tilt the tube up towards the front of the truck

**Step 3)** Use a 10mm Socket and remove the bolt that holds the dipstick tube to the bracket and the 6 bolts that hold the air horn to the manifold.

**Note:** Make sure not to damage the gasket.

**Step 4)** Slide the air horn forward so that you can access the front end of the fuel.



Fuel Relief Valve

Step 5) Use an 18mm wrench to remove fuel relief valve



Removal Tool



.020" Shims





**Step 6)** Thread removal tool on to Fuel Relief Valve and place tip of fuel relief valve into vise as shown above.

**Step 7)** Rotate removal tool toward the vise to split apart relief valve.

**Note:** Be careful to hold end of relief valve it is spring loaded and you don't want to lose any part. There is a small pin located in Tip behind the washer with three holes in it. Don't lose it, the truck will not run without it.



**Step 8)** Remove the spring and insert the three shims as shown above



**Step 9)** Making sure you don't lose any parts, replace spring into relief valve and put tip back together.

**Step 10)** Place in vise and tighten to compress relief valve together

**Note:** Use a small piece of wood or cardboard, between tip and vise to eliminate the possibility of damaging the fuel relief valve.

**Step 11)** Take a small punch and re-apply the 3 factory indentations used to hold tip into the body of the relief valve.

**Step 12)** Replace Valve back into Vehicle, torque Relief Valve to 75 ft-lbs. or fuel could bypass valve.

**Step 13)** Replace air horn, making sure the gasket is lined up correct.

**Step 14)** Twist EGR tube down and replace the clamps

**Step 15)** Replace cover and dipstick

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INTENTIONALLY  
LEFT BLANK.**

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Do not use this product until you have carefully read the following agreement. This sets forth the terms and conditions for the use of this product. The installation of this product indicates that the BUYER has read and understands this agreement and accepts its terms and conditions

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**\*\*\*TERMS AND CONDITIONS CONTINUE ON NEXT PAGE\*\*\***

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THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT, THE BUYER MAY PROMPTLY RETURN THIS PRODUCT, IN A NEW AND UNUSED CONDITION, IN THE ORIGINAL PACKAGING, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN (30) DAYS FROM THE DATE OF PURCHASE FOR A FULL REFUND. THE INSTALLATION OF THIS PRODUCT INDICATES THAT THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND ACCEPTS ITS

**TERMS AND CONDITIONS Effective 11/1/2022**

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