



# 51000 MODULE

INSTALLATION GUIDE

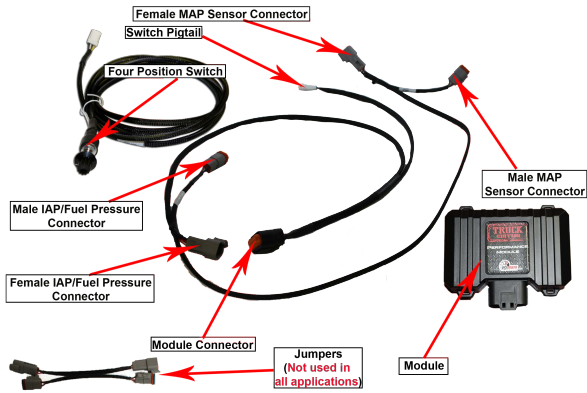
— 1998–2005 3126 C7 & —  
C9 7.2 & 8.8L CAT  
ENGINES

UP TO 30% HP GAIN  
10–20% FUEL SAVINGS

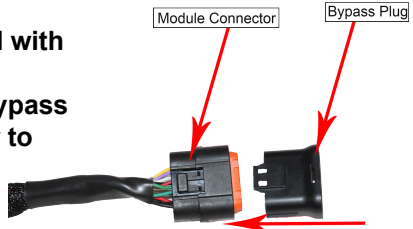


[AGDIESELSOLUTIONS.COM](http://AGDIESELSOLUTIONS.COM)

YouTube 



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



**Make sure to push completely together until connector snaps when using bypass plug.**

## For Tech Support Please Call 812-618-9168

PSI Power recommends removing the Ag Diesel Solutions module before any warranty work is performed on the piece of equipment the module is installed on.

- Adjustable on the fly**
- Position 1- Stock (counter clockwise)**
  - Position 2- Low- up to 10%**
  - Position 3- Medium- Up to 20%**
  - Position 4- High- Up to 30%**
- Position 1- Switch far left  
Position 4- Switch far right



**Module switch can be ran inside the cab for easy performance adjustment. Module switch can be secured in engine bay if desired. Module will default to HIGH setting if switch is not connected**

\*NOT FOR USE IN CALIFORNIA\*

\*MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMISION CONTROL SYSTEMS\*

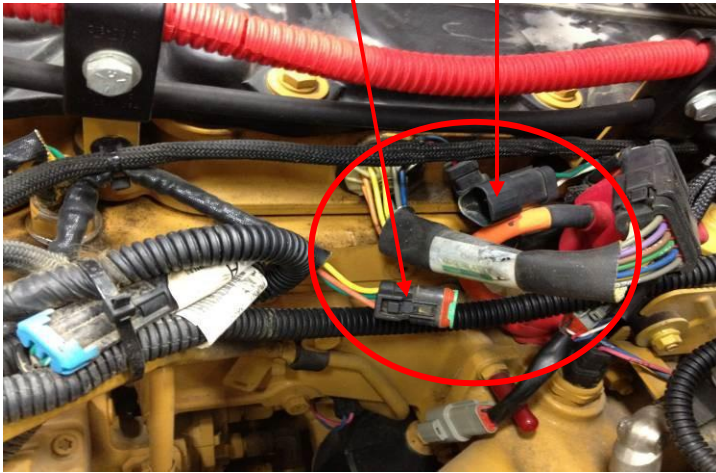
\*If installation assistnace is needed, Ag Diesel Solutions is not responsible for any cost associated with third party installation.

## 1998-2005 C7 (7.2L) & C9 (8.8L)

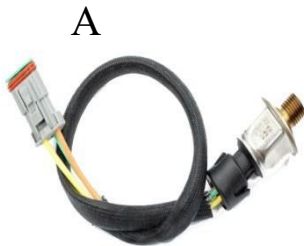
### CAT Engine Instructions

- 1) Locate the Fuel Pressure/IAP sensor as shown in the picture below and the diagram on Page 2. Disconnect the Fuel Pressure/IAP Sensor. Depending on your application, the Fuel Pressure and MAP sensors may be in a different location than shown below.

**Note: The stock Fuel Pressure/IAP Sensor will usually have White, Green and Brown wires coming out of the connector.**



**Note: If your IAP sensor has the gender connector shown in picture A then you will not need to use the jumpers. If your IAP sensor has the gender connector shown in picture B then you will need to use the jumpers provided (picture C)**



- 2) Plug the Male Connector from module into Fuel Pressure Sensor.  
**Note: On the Module harness, the Fuel Pressure connectors are located closest to the Performance Module.**
- 3) Connect the Stock CAT connector to the Female Connector from the module.

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



- 4) Locate the Map sensor on the Intake Manifold on the driver's side of the engine. Refer to the diagram on Page 2 for approximate location.

**Note: The MAP sensor will usually have White, Green and Pink wires coming out of the connector.**



- 5) Disconnect the MAP Sensor and plug the Male plug from the module into the stock MAP/Boost Sensor.

**Note: On the module harness, the Map/Boost connectors are located at the end of the Performance module harness or furthest from the module.**

- 6) Plug the Stock CAT boost sensor connector into the Female Map sensor plug on the module harness.



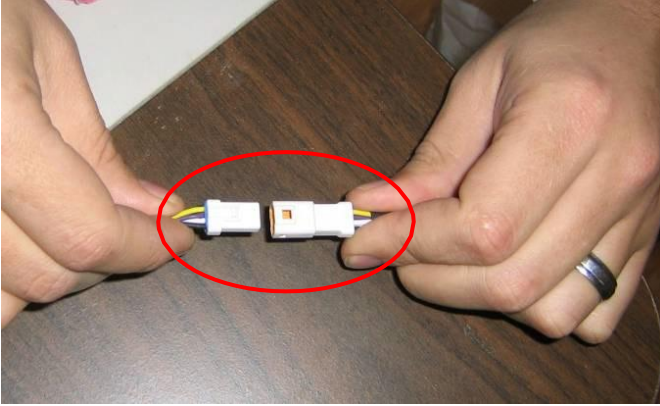
**Note: If your MAP sensor has the gender connector shown in picture B then you will not need to use the jumpers. If your MAP sensor has the gender connector shown in picture A then you will need to use the jumpers provided (picture C)**



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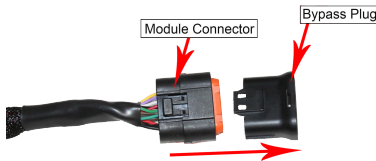
7) Route switch through firewall and plug into module as shown

Connect module switch harness



8) 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.**



9) Mount the module in a safe location using the supplied wire ties. Secure the module away from any excessive heat and moving parts. **Note: Mounting the module with the connector down will help prevent moisture from collecting into the module connector.**



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Effective 11/1/2022



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- UP TO 10%–20% IN FUEL SAVINGS
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