INSTALLATION GUIDE

PSI POWER

Driving Performance. Innovating Solutions.

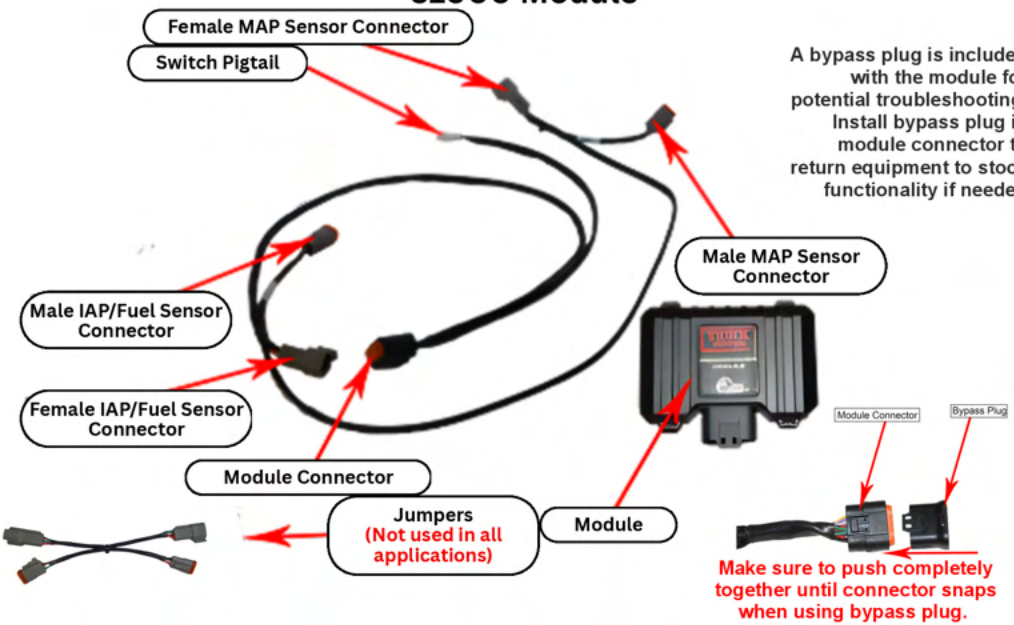
51000 MODULE

1998-2005 3126, C7 & C9 CAT MEDIUM DUTY ENGINES

TRUCK EDITION



51000 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



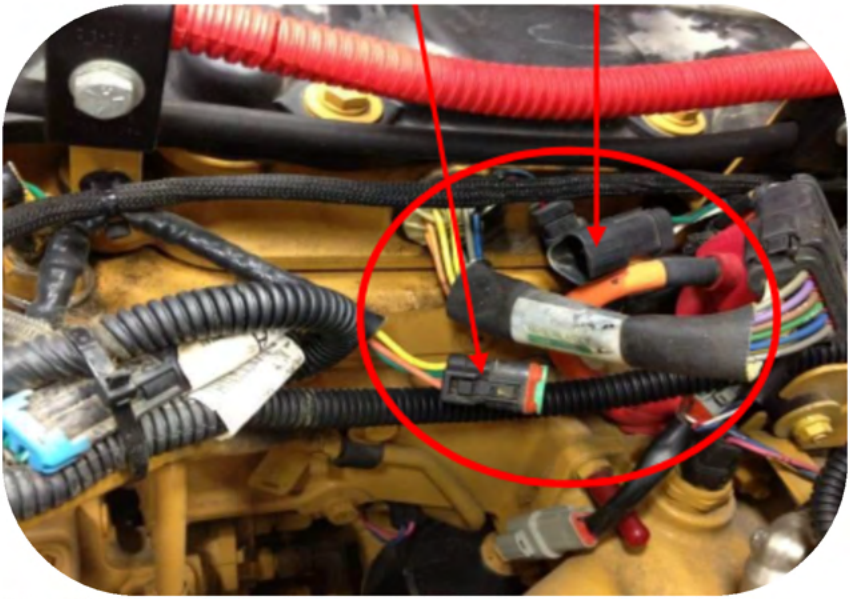
Module switch can be ran inside the cab for easy performance adjustment. or the Module switch can be secured in engine bay if desired.

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



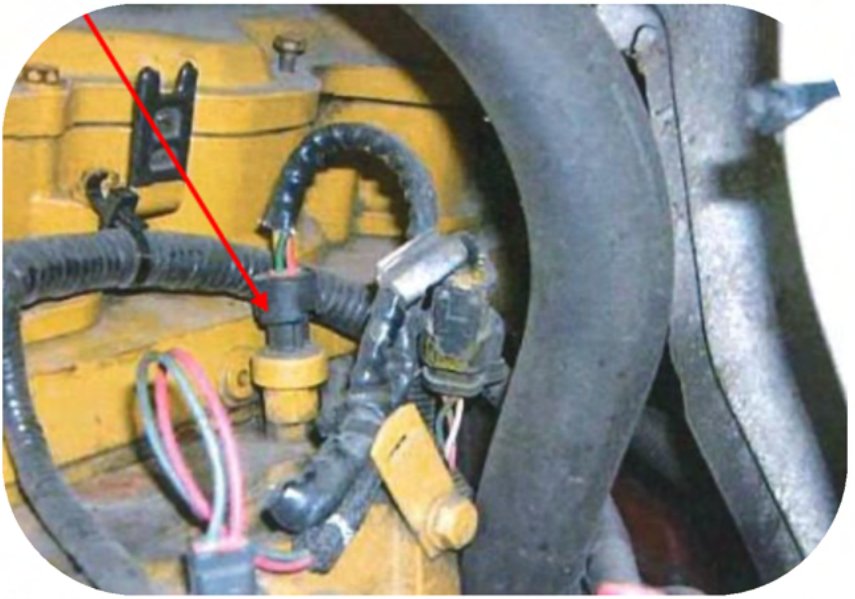
Step 1) Locate the Fuel Pressure/IAP sensor as shown in the picture above. Disconnect the Fuel Pressure/IAP Sensor. Depending on your application, the Fuel Pressure and MAP sensors may be in a different location than shown above.
Note: The stock Fuel Pressure/IAP Sensor will usually have White, Green and Brown wires coming out of the connector.



Step 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.
Step 3) Connect the Stock CAT connector to the Female Connector from the module.



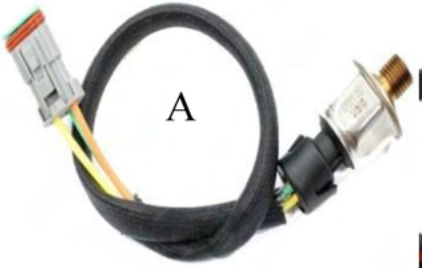
Step 4) Locate the Map sensor on the Intake Manifold on the driver's side of the engine. Note: The MAP sensor will usually have White, Green and Pink wires coming out of the connector.



Step 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.



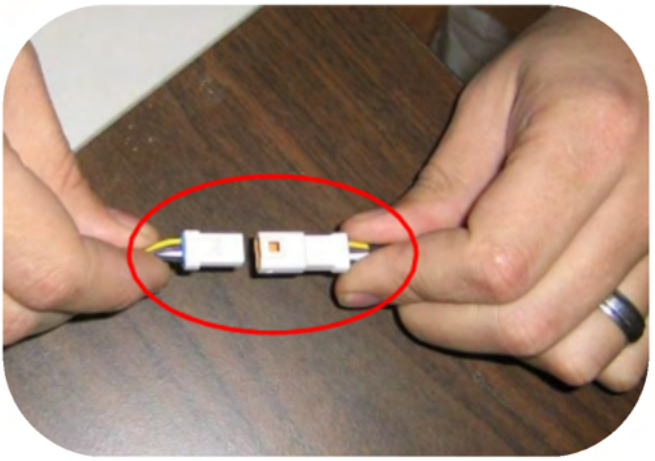
Step 6) Plug the Stock CAT boost sensor connector into the Female Map sensor plug on the module harness.
Note: If your MAP sensor has the gender connector shown in picture B then you will not need to use the jumpers. If your MAP sensor has the gender connector shown in picture A then you will need to use the jumpers provided (picture C)



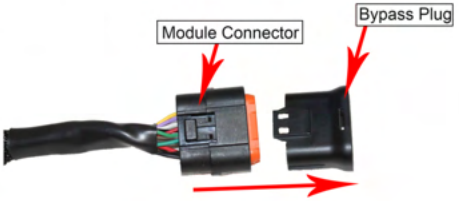


C





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



Step 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.



Step 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.

THIS IS A HIGH PERFORMANCE PRODUCT.
USE AT YOUR OWN RISK.

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 Effective 11/1/2022


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