



**INSTALLATION
GUIDE**

Driving Performance. Innovating Solutions.

12250 MODULE

2013.5 - 2023 6.7L

CUMMINS & RAM MEDIUM DUTY ENGINES

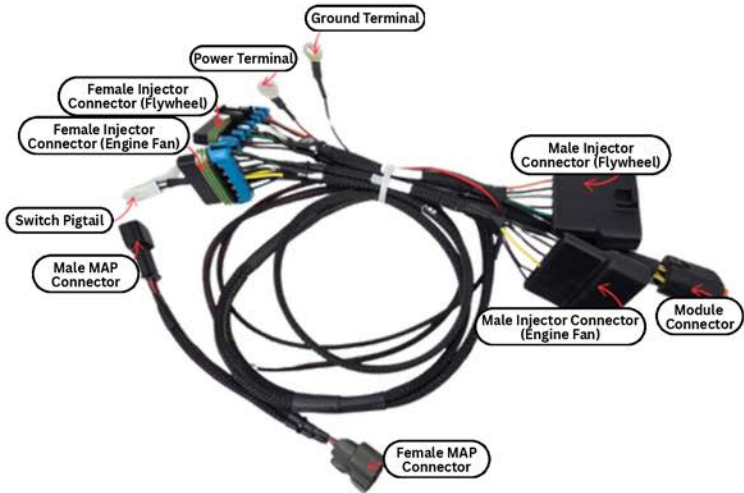


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12250 Module



Position 1 - STOCK (counter clockwise)
Position 2 - LOW, up to 15% HP
Position 3 - HIGH, up to 30% HP

- o Position 1- Switch far LEFT
- o Position 3- Switch far RIGHT



****Note - switch needs to be plugged into harness for module to work properly****

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

DISCLAIMER

NOT FOR USE IN CALIFORNIA

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

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
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Step 1) The “front injector” corresponds to the front side (cooling fan side) of the engine. The “rear injector connectors” correspond to the Rear side (Transmission side) of the engine.

****Refer to module diagram on page 2 for correct wiring. Note- A Cummins engine from a RAM is pictured, motorhome engines may be red.**



Step 2) Unplug the engine connector labeled below. This will allow access to the rear injector connector.

Note: Rotate the grey locking lever to release the plug. Once disconnected, move the plug out of the way.



Step 3) Unplug both the front and rear stock male injector connectors on the engine



Step 4) Plug the stock male injector connectors removed in Step 3 to the female connectors on the Ag Diesel Solutions module. Do this for BOTH the front and rear injector connectors.

Note: The injector connector located at the end of the Ag Diesel Solutions harness will plug into the injector connector located closest to the front of the engine (cooling fan side).



Step 5) Plug both of the Ag Diesel Solutions injector connectors into the injector connectors on the engine.

Note: Do this for **BOTH** the front and rear injector connectors.



Step 6) Plug the stock engine connector that was unplugged in Step 2.



MAP/Boost Sensor

Step 7) Locate MAP sensor



**MAP Sensor Location in a
cab & chassis.**



Step 8) Unplug the MAP sensor and plug in the male connector from the Ag Diesel Solutions module into the MAP sensor.



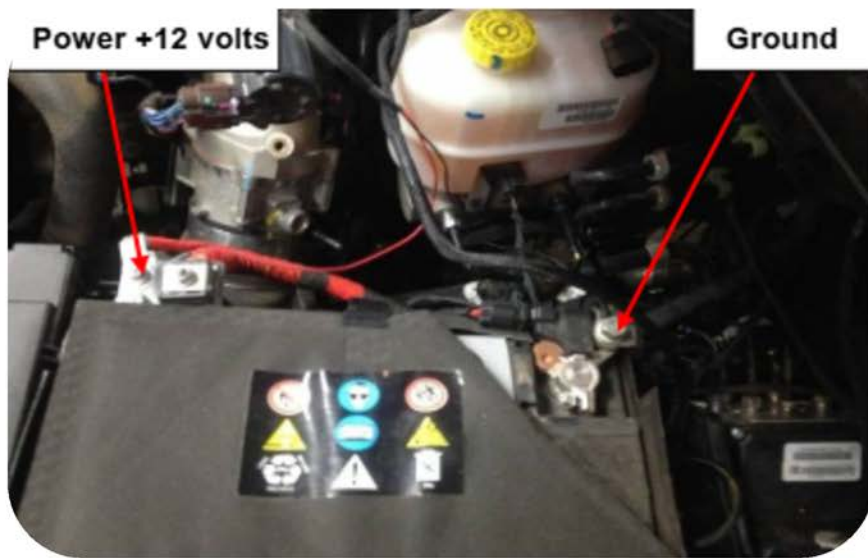


Step 9) Plug the stock MAP sensor connector into the female MAP sensor connector on the Ag Diesel Solutions harness.



**Cab & Chassis MAP
Sensor**

Step 10) Connect the black wire with a ring terminal to the negative/ground battery terminal on the driver's side engine battery. Use a 13mm socket to remove the stock battery nut.



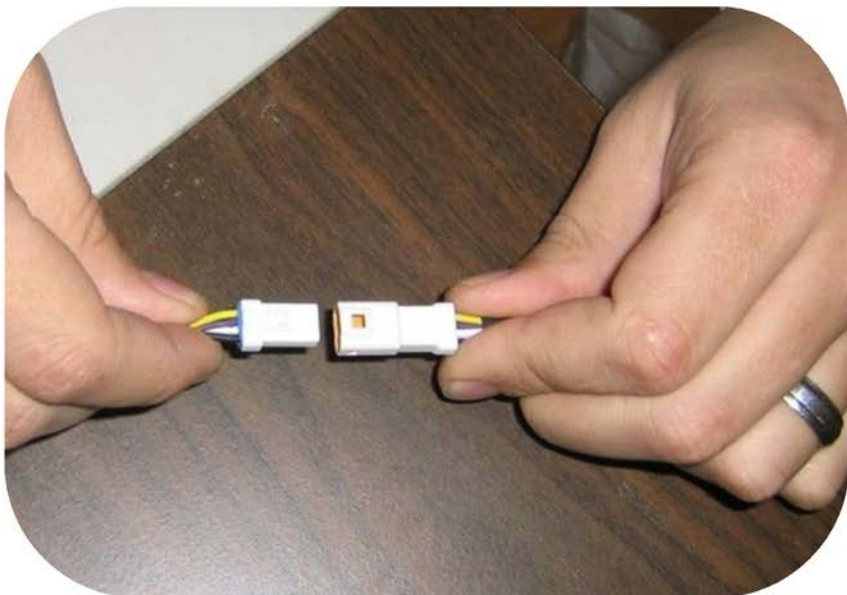
Step 11) Connect the red wire with a Ring Terminal to the battery+12 volt constant source on the driver's side engine battery. Use a 10mm socket to remove the stock battery nut. **Note: on motorhome applications be sure you are using the engine battery, not the "house" battery.**

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Step 12) Mount the module with the connector on the bottom side, as to reduce the chance of moisture from getting into the module harness. Keep away from excessive heat and moving parts.

Note: Zip tie onto the factor computer wire harness works well.



Step 13) The switch can be routed through the firewall or can be left in the engine compartment next to the module. Connect the switch as shown.

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TERMS AND CONDITIONS Effective 11/1/2022



- **UP TO 30% HORSEPOWER INCREASE**
- **UP TO 10%-20% IN FUEL SAVINGS**
- **NO FACTORY ECM FLASH**
- **FIELD TESTED & DYNO PROVEN**
- **PLUG & PLAY INSTALLATION**

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