



# 20250 & 12250 MODULE

INSTALLATION GUIDE  
— 2013.5–2020 —

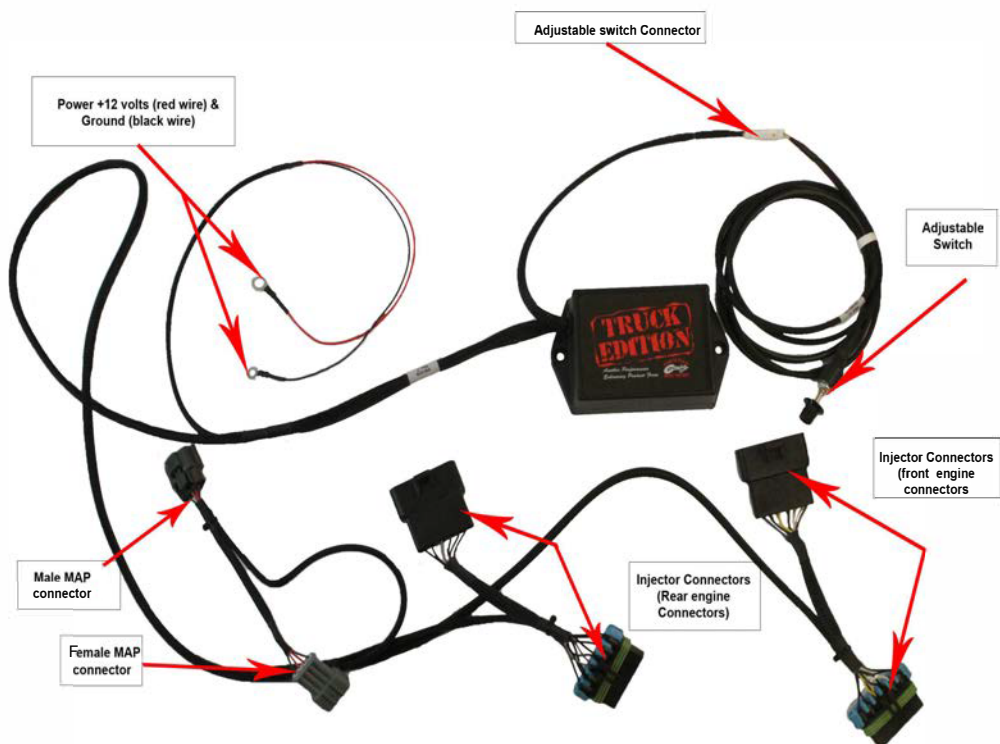
**6.7L CUMMINS**

**UP TO 90HP GAIN  
1-3 MPG FUEL SAVINGS**



**AGDIESELSOLUTIONS.COM**

**You Tube f**



**For Tech Support Please Call  
1.812.618.9168 or 1.855.343.7680**

Position 1 - Stock - 0HP Gain  
 Position 2 - Low - Up to 30HP  
 Position 3 - Med - Up to 60HP  
 Position 4 - High - Up to 90HP  
 Adjustable on the Fly  
 Position 1 - Switch to Far Left  
 Position 4 - Switch to 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

**\*NOTE: If towing over 15,000lbs, turn module from HIGH mode to MEDIUM mode\***

**\*NOTE: Do not change performance settings while vehicle under excessive load\***

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

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

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

## 6.7L Cummins Engine Instructions

1) Locate the 2 injector connectors on the driver's side of the engine. 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.**



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.**



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



- 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).





5) Plug both of the Ag Diesel Solutions injector connectors into the injector connectors on the engine. **Do this for BOTH the front and rear injector connectors.**



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



7) Locate the MAP Sensor



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



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

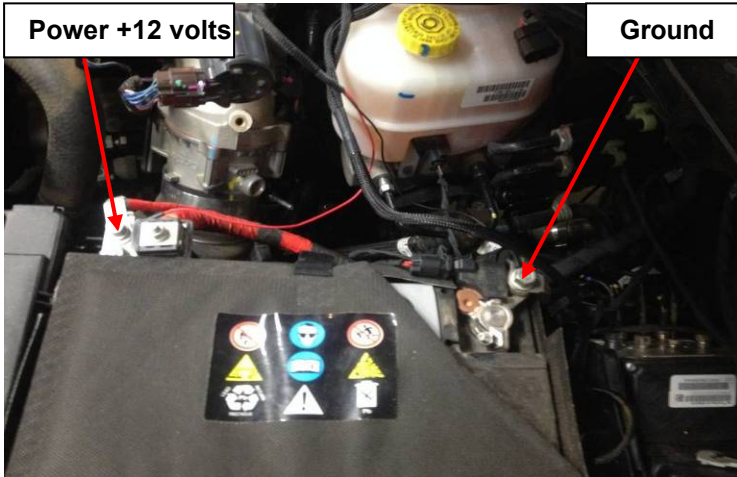


**Cab & Chassis MAP  
Sensor**



**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.

**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.**

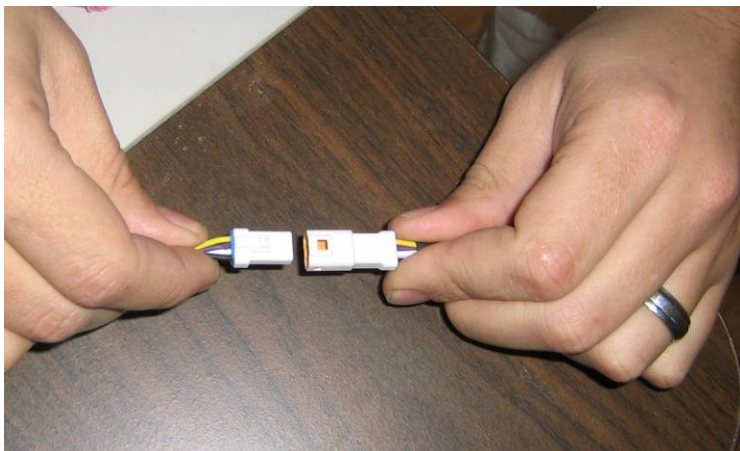


**12)** Mount the module with the provided zip ties in a secure and dry location.

**\* Note: Zip tie the module onto the factory wire harness or the module can be placed next to the battery.**



**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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Do not use this product until you have carefully read the following agreement.

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# AGRICULTURE



Up to 30% Horsepower Increase  
10-20% Fuel Savings  
Does NOT Flash Factory ECM  
Field Tested and Dyno Proven  
Plug and Play Installation LIFETIME WARRANTY

# CONSTRUCTION



Up to 30% Horsepower Increase  
10-20% Fuel Savings  
Does NOT Flash Factory ECM  
Field Tested and Dyno Proven  
Plug and Play Installation LIFETIME WARRANTY

# TRUCK EDITION: LIGHT DUTY



Up to 90 Horsepower Increase  
1-3 MPG Fuel Savings  
Does NOT Flash Truck ECM  
Field Tested and Dyno Proven  
Plug and Play Installation LIFETIME WARRANTY

# TRUCK EDITION: MED, HEAVY DUTY



Up to 30% Horsepower Increase  
5-15% Fuel Savings  
Does NOT Flash Truck ECM  
Field Tested and Dyno Proven  
Plug and Play Installation LIFETIME WARRANTY

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