



# 12550 MODULE

## INSTALLATION GUIDE

— 2020–2023 —  
9.0L CUMMINS STAGE V

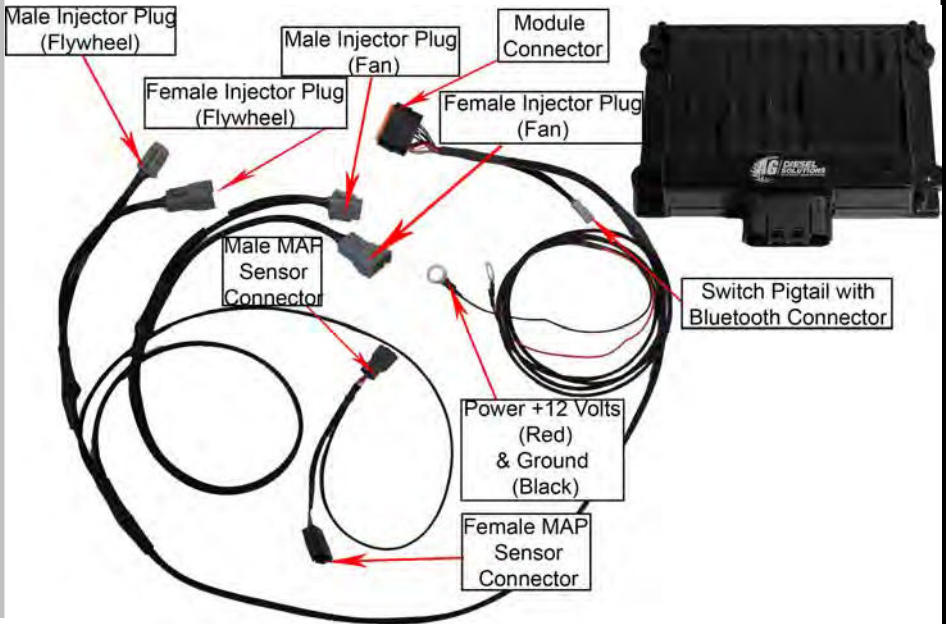
**UP TO 30% GAIN**  
**10%–20% MPG FUEL SAVINGS**



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YouTube 

# 9.0L Cummins Stage V Engine Installation Instructions



For Tech Support Please Call  
812-618-9168

## Switch Settings

Position 1- Stock (counter clockwise)

Position 2- Low- Up to 15% HP

Position 3- High- Up to 30% HP

\*Mechanical switch will  
override use of App settings

OR

Download the Ag Diesel Connect  
App on your Android or iOS  
devices using the code below, or  
by searching "Ag Diesel  
Connect" in your app store.



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.

**1)** At the rear of the RV, locate the 2 sets of stock injector connectors attached to the side of the engine head. These are located on the same side of the engine as the air intake. One connector is located closer to the Flywheel-side of the engine and the other connector is located closer to the Fan-side of the engine.



**2)** Unplug both sets of stock injector connectors. Press the release tab on the connector and gently pull the connector apart.



**3)** Route the Module Harness as shown in the picture below. The Module Case will be located closer to the Fan side of the engine.



**4)** Locate the first injector connector near the flywheel side of the engine. Plug the female injector connector on the Ag Diesel Solutions module harness labeled "flywheel" into the stock male injector connector. The male injector connector on the Ag Diesel Solutions module harness will plug into the female injector connector.





5) Continue to the next injector connector. Repeat Step 4 to connect each pair of injector connectors. **Note: The new harness will connect in series between the stock injector plugs and stock wiring plugs. All plugs on the new harness will be connected.**



6) Locate the MAP sensors.



7) Plug the Ag Diesel Solutions female MAP sensor connector into the stock male MAP sensor. Plug the Ag Diesel Solutions male MAP sensor connector into the stock female MAP sensor connector.



8) Connect the red wire with ring terminal to a +12V constant source, such as the intake air heater grid relay. Connect the black wire with ring terminal to a good Chassis Ground.





9) Plug the Harness into the module. Mount the module with supplied zip ties away from any excessive heat or moving parts. **Note: Zip tie the module to the factory wire harness. Mounting the module with the switch connector down will help prevent moisture from collecting into the module connector.**



For any  
questions on  
this installation  
please call Tech  
Support at  
812.618.9168







## **Why Ag Diesel Solutions Modules ?**

***Saving More Fuel Per Hour with 10-20% Returns  
Getting More Done -- Up to 30% More Horsepower and Torque***

***No Programming of the Factory ECM or Changes to Fuel Pressure***

***Linear Based Load Technology - Only Giving Power when You  
Need It***

***Peace of Mind with USA Based Tech Support and  
a 30 Day Money Back Guarantee***

***No Loss of Product Benefits if Factory Tuning is Required  
Reduce Downtime - Install Yourself - No Tech Needed***

***Transferable to New Machines with Same Engine  
Does Not Defeat or Delete Any Engine Components***

***Quality Manufacturing to Withstand a LIFETIME on the Farm***



***AgDieselSolutions.com***

Engineered, Manufactured, Tested and Proven in the

**U.S.A**



**AG**

**DIESEL  
SOLUTIONS**

**FARM SMART. FARM EFFICIENT.**

# 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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IN 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



- UP TO 30% HORSEPOWER INCREASE
- UP TO 10%–20% IN FUEL SAVINGS
- DOES NOT FLASH THE FACTORY ECM
- FIELD TESTED & DYNO PROVEN
- PLUG & PLAY INSTALLATION

Performance Electronics for Agriculture, Forestry, Construction, Pick-Up Trucks, Medium Duty Trucks, RVs, Heavy Duty Semis , and more!



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