



**INSTALLATION
GUIDE**

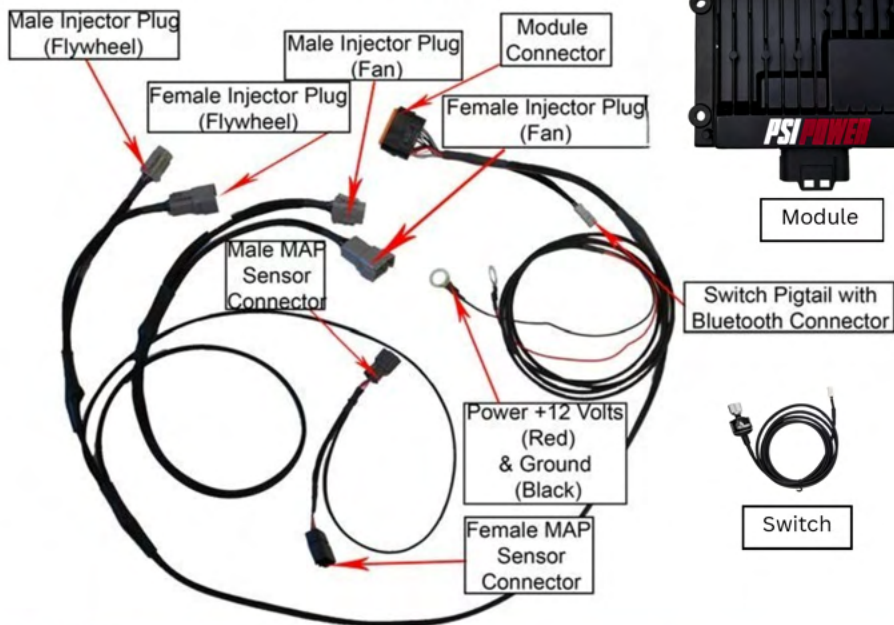
Driving Performance. Innovating Solutions.

12550 MODULE

**2020-2026 9.0L CUMMINS
MEDIUM DUTY ENGINES with CM2450 ECM**



12550 Module



Module will default to App setting if switch is not connected.

Switch Positions:

- *STOCK
- *LOW, up to 15% HP
- *HIGH, up to 30% HP

Mechanical switch will override use of app settings



OR



Scan to download or search
Ag Diesel Connect
on the App Store or Google Play Store



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 EMISSIONS 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) 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.



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



Step 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.



Step 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.



Step 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.



Step 6) Locate the MAP sensors.



Step 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.



Step 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.



Step 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.

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

