

**INSTALLATION
GUIDE**

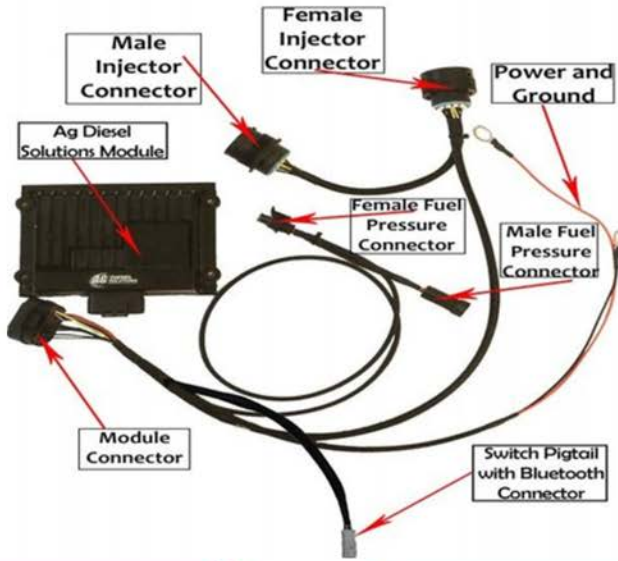
**AG/ DIESEL
SOLUTIONS**
ENGINEERED BY **PSI POWER**

HP9020 MODULE

**10.5L & 12.5L
JOHN DEERE ENGINES**



HP9020 Module



Module will default to the 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.
Module switch can be secured in engine bay if desired.

DISCLAIMER

NOT FOR USE IN CALIFORNIA

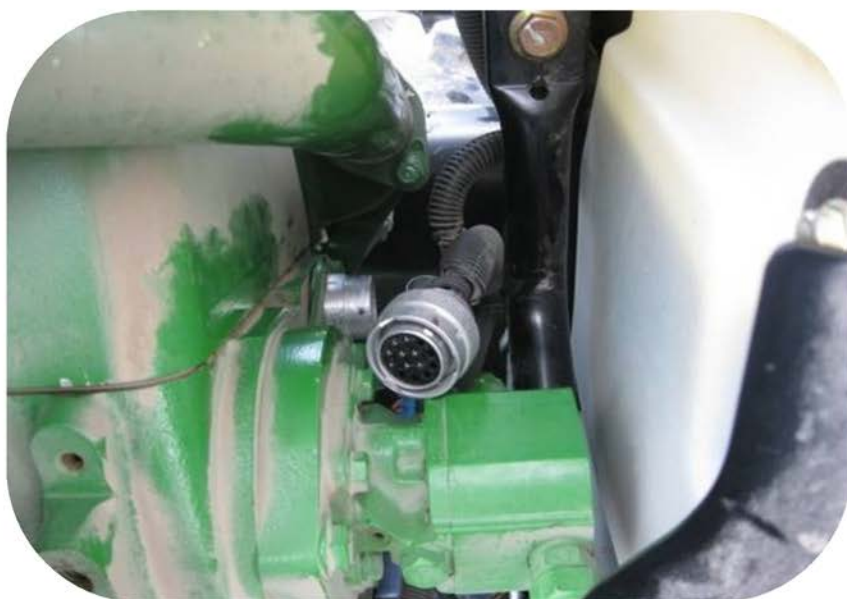
MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMMISIONS CONTROL SYSTEMS
If installation assistance is needed, PSI Power is not responsible for any cost associated with third party installation.

**TECH SUPPORT
(812) 618-9168**



Fuel Pressure Sensor Fuel Injector connector

Step 1) Locate the fuel system on the driver's side of the engine.



Step 2) Locate the fuel injector connector on the back of head, between the engine and cap of tractor.

Step 3) Unplug the factory injector connector. Plug the female injector connector from the Ag Diesel Solutions module into the stock plug on the engine head.



Step 4) Plug the stock connector into the male injector connector from the module.



Step 5) Locate the fuel pressure sensor near the fuel filter canister on the “driver’s” side of engine. **Note:** On some early model 12.5L engines, there is no fuel pressure sensor. Instead the oil pressure sensor located on the “passenger” side of engine can be used. It is located near the Oil Filter.



Step 6) Disconnect the stock Fuel Pressure Sensor.

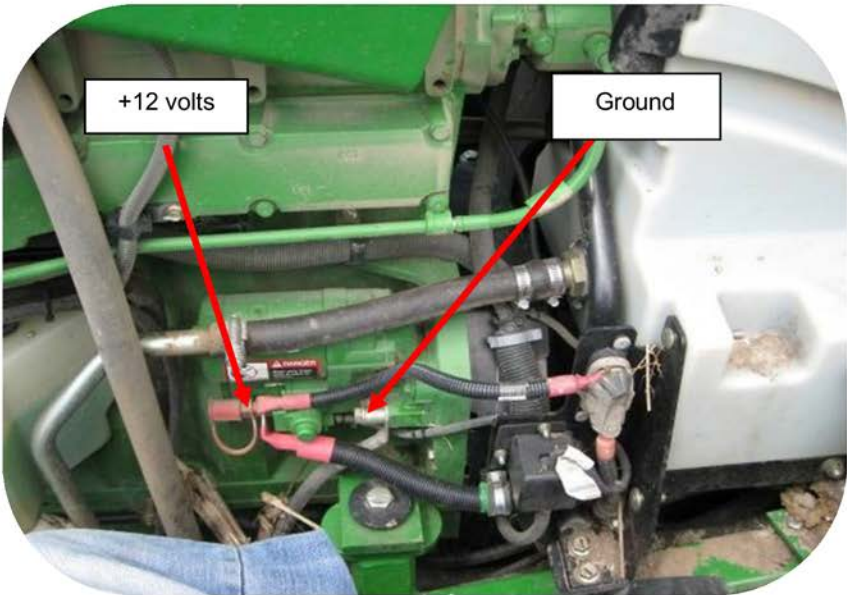


Step 7) Check inside the Fuel Pressure Sensor for a plastic insert. If there is a plastic insert, you will need to remove it and place it over the stock Fuel Pressure Sensor plug that you removed in Step 6.



Step 8) Plug the female stock fuel pressure connector into the Ag Diesel Solutions male connector. Plug the Ag Diesel Solutions female connector into the stock fuel pressure sensor.

Step 9) Connect the black wire with a ring terminal to a good chassis ground.



Step 10) Connect the Red wire with a ring terminal to a constant 12 volt source (ie alternator).



Step 11) 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.

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TERMS AND CONDITIONS Effective 11/1/2022