

**INSTALLATION  
GUIDE**

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

**JD2904 MODULE**

**9.0L JOHN DEERE  
TIER IV ENGINES**



# JD2904 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\*

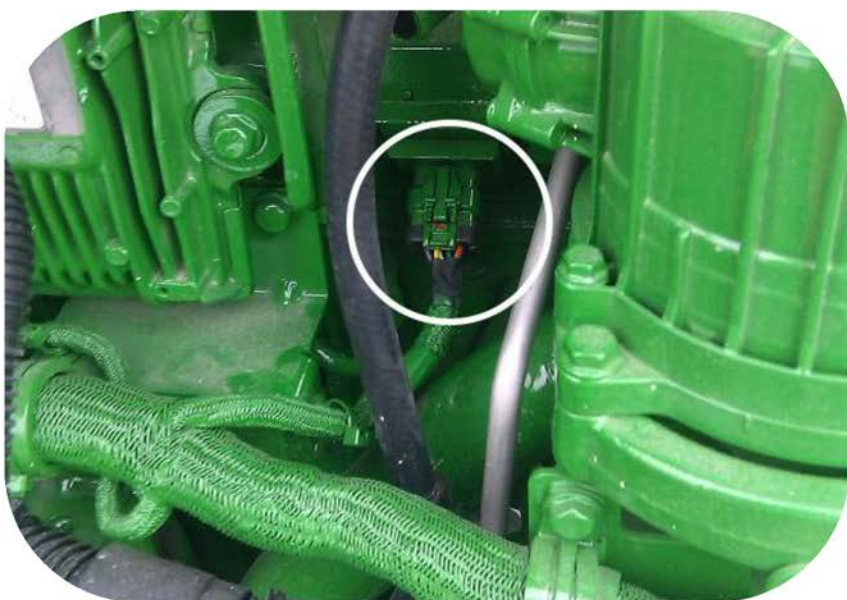
\*NOT FOR USE IN CALIFORNIA\*

\*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.

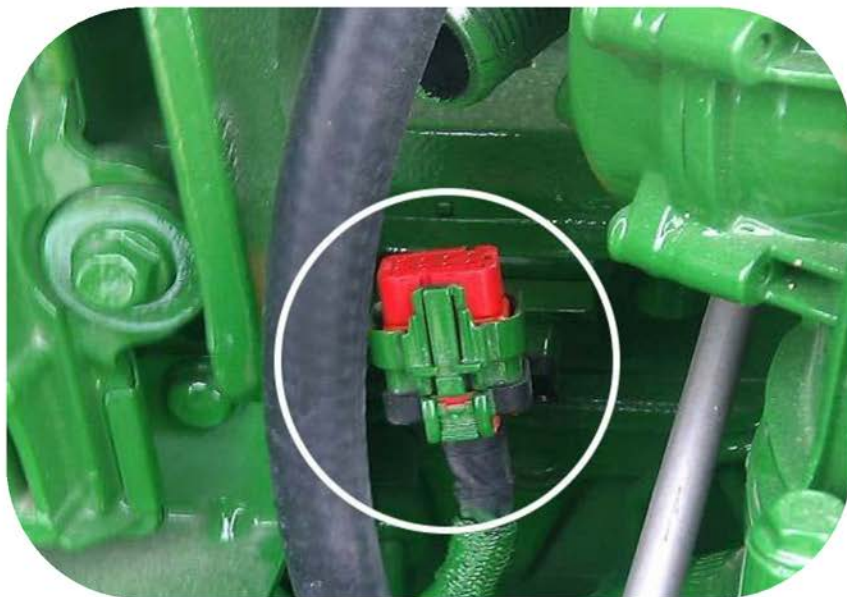
**TECH SUPPORT**  
**(812) 618-9168**



**Step 1)** From the tractor cab looking forward, locate the fuel system on the right side of the engine. You will see the injector plug coming out of the side of the head.



**Step 2)** Locate the injector connector.



**Step 3)** Unplug the injector connector.

**Note:** There may be a cable and tag attached to the injector connector. Cut off and keep the tag. It may be needed for service in the future.

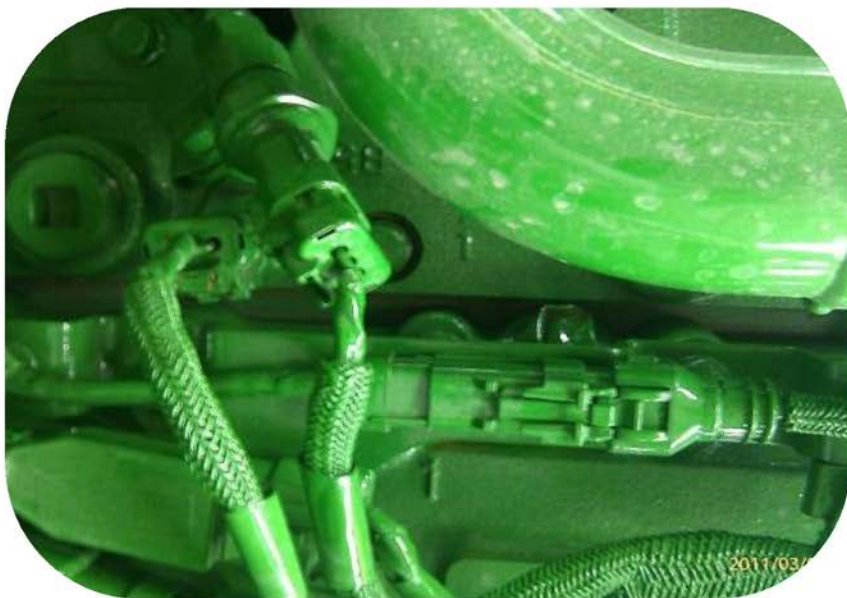
**Step 4)** Plug the stock male connector into the Ag Diesel Solutions harness.

**Step 5)** Plug the female connector from the Ag Diesel Solutions module into injector connector coming out.

**Note:** Make sure to push completely together until the connector snaps.



**Step 6)** Locate the MAP sensor on the top left hand side of the valve cover. MAP sensor is located next to the turbo charger.



Note: There are two similar connectors, ensure the module is connected to the MAP sensor circled above.



**Step 7)** Unplug the stock MAP sensor and plug in the female connector from the module into the sensor.

**NOTE:** Once the stock connector is unplugged, check to ensure that the plastic keyed terminal lock is not stuck inside the MAP Sensor.

**Step 8)** Plug the stock MAP sensor connector into the male MAP sensor connector on the Ag Diesel Solutions Module.

**Step 9)** Connect the Black wire with Ring Terminal to a good clean Ground located on the Starter.

**Step 10)** Connect the Red wire with ring terminal to a +12V constant source located on Starter.

**Note:** Route Power and Ground Wires around back of engine over to Starter to find Power and Ground.



**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 factor 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***

