



*UP TO 30% MORE HORSEPOWER*

*10-20% FUEL SAVINGS*

**Bluetooth  
CONNECT**

— JOHN DEERE 9.0L —  
TIER IV AND FINAL TIER IV  
ENGINES

# JD2904 MODULE

## INSTALLATION GUIDE



[AGDIESELSOLUTIONS.COM](http://AGDIESELSOLUTIONS.COM)

YouTube 



**Ag Diesel Solutions recommends removing the module before any warranty work is performed on the piece of equipment the module is installed on.**

**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.

## 9.0L Tier IV and Final Tier IV John Deere Engine Instructions



- 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.

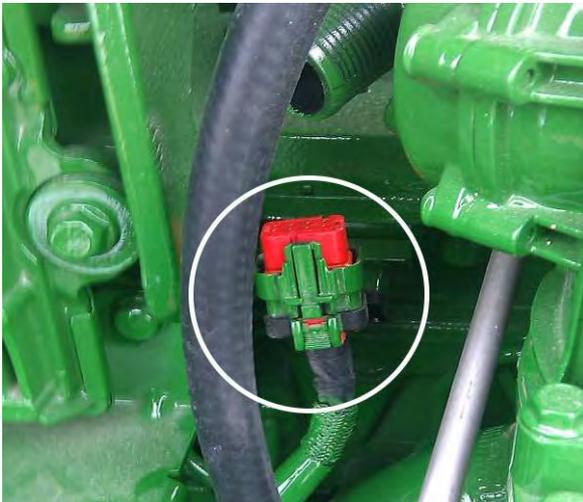


- 2) Locate the injector connector.



- 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.



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

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.

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

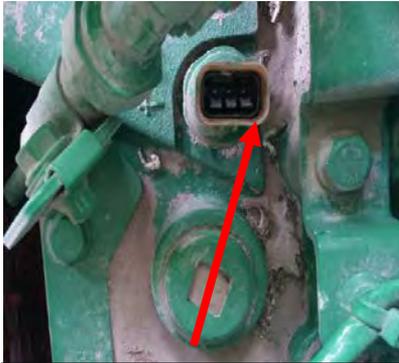


Note: There are two similar connectors, ensure the module is connected to the MAP sensor circled below.

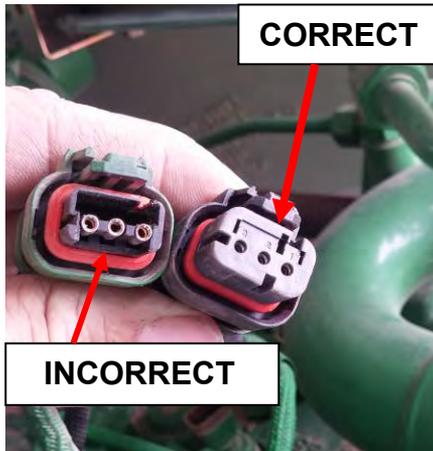


7) Unplug the stock MAP sensor and plug in the female connector from the module into the sensor.

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



**Plastic keyed terminal lock, stuck inside MAP Sensor**



- 8) Plug the stock MAP sensor connector into the male MAP sensor connector on the Ag Diesel Solutions Module.
- 9) Connect the Black wire with Ring Terminal to a good clean Ground located on the Starter.
- 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.

- 10) 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.



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*



**[AgDieselSolutions.com](http://AgDieselSolutions.com)**

Engineered, Manufactured, Tested and Proven in the

**U.S.A**

3 Year Warranty

# 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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