

# **John Deere 9.0L Tier IV Module**

## **JD2804 & JD2804F**

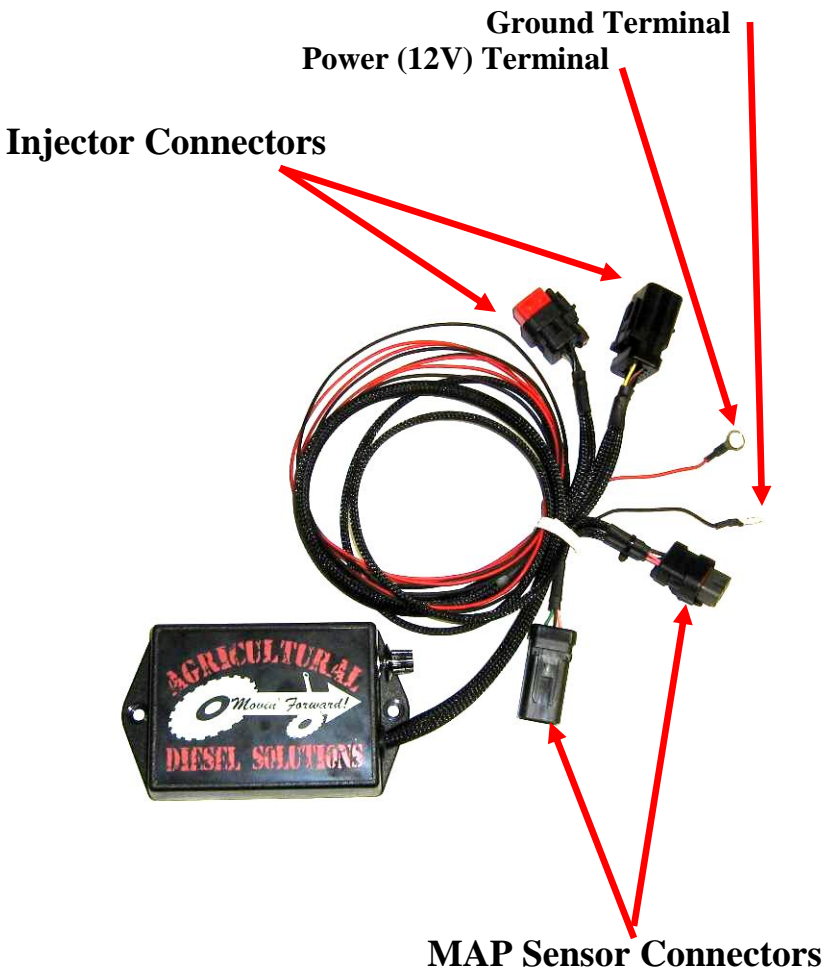
Electronic Common Rail Fuel System

### **INSTALLATION INSTRUCTIONS**

**JD2804: John Deere 9.0L Tier IV Engines  
and  
JD2804F: 9.0L Final Tier IV Engines with DEF**



# JD2804 & JD2804F Engine Module



**\*Not registered for use in California.**

**\*Product does not defeat or bypass any emission control devices.**

**Note:** If the customer requires help to install, check, trouble-shoot, etc. the module he has purchased and receives this help from his dealer, mechanic or anyone that might charge for their services, the customer alone is responsible for payment on any charges incurred.

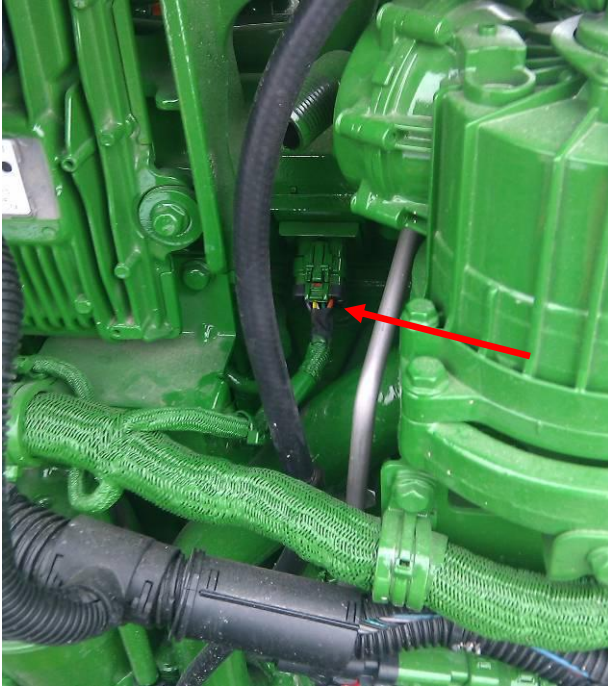
# 9.0L Tier IV John Deere Engine Instructions

## 9.0L Tier IV John Deere Injector Plug Connector

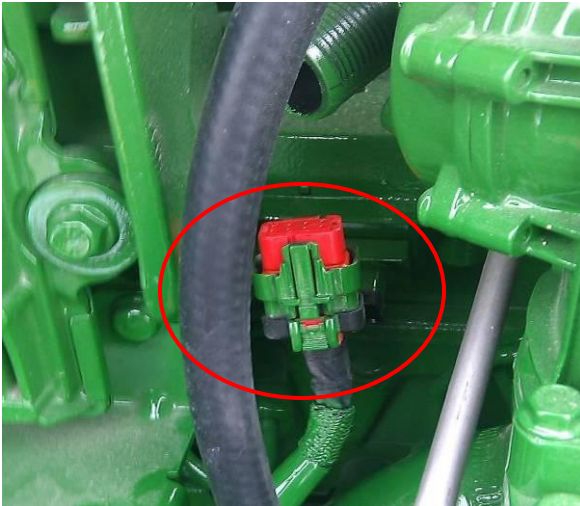
- 1) From the tractor cab looking forward, locate the fuel system on the right side of the engine. You will see the injector plug coming out of the side of the head



- 2) Locate Injector Plug as shown in Pictures below



Harness Disconnected



- 3) Unplug Injector Connector

**Note:** There may be a Cable and Tag attached to the Injector Connector. Cut off and keep Tag, it may be needed for Service in the future.

- 4) Plug Female Connector from module into Injector Plug coming out.

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

### 9.0L Tier IV John Deere MAP Sensor

- 5) Locate the MAP sensor on the top left hand side of the valve cover. MAP sensor is located next to the turbo charger. As shown in the picture below.



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



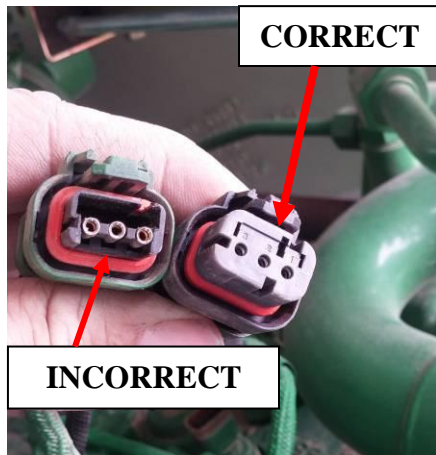


- 6) Unplug the stock MAP sensor and Plug in the Female connector from the module into the sensor.

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



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



- 7) Plug the Stock John Deere MAP sensor connector into the Male Map sensor plug on the module harness

- 8) Connect the Black wire with Ring Terminal to a good clean Ground located on the Starter.

- 9) 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) Mount module in a secure location away from any extreme heat or moving parts. Zip tie module and any loose wires down.

## Power Levels

This Module has 3 power levels to select from Stock, Low, and High. Select the level setting desired only at idle or with the engine off. Do not change level settings while the engine is under a load.



**The module above is shown in the stock position. Stock is all the way to the left (counter clockwise). Move the rotary switch to the Middle for the Low Position and to far right for the High Position**

	<b>Position</b>	<b>HP Increase</b>
1	STK	0%
2	Low	15%
3	High	30%

**For Tech Support Call  
1-855-343-7680  
1-812-618-9166  
[www.agdieselsolutions.com](http://www.agdieselsolutions.com)**

## **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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