

INSTALLATION
GUIDE

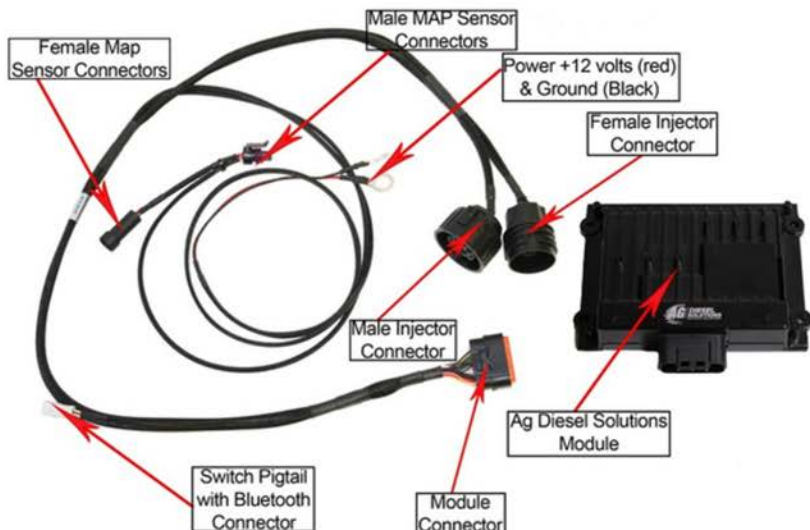
AG DIESEL
SOLUTIONS
ENGINEERED BY **PSIPOWER**

JD2800 MODULE

9.0L JOHN DEERE TIER III ENGINES



JD2800 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



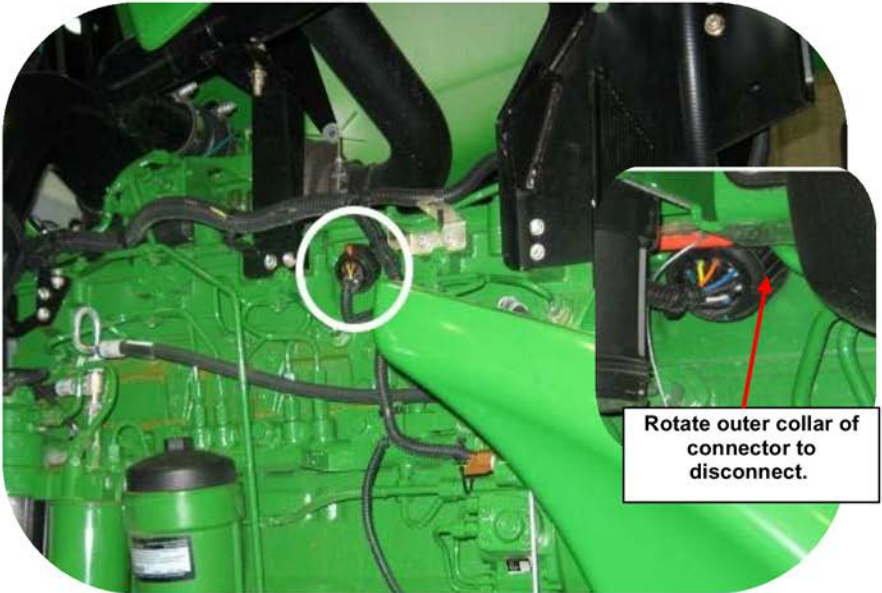
Module switch can be ran inside the cab for easy performance adjustment.
Module switch can be secured in engine bay if desired.

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.

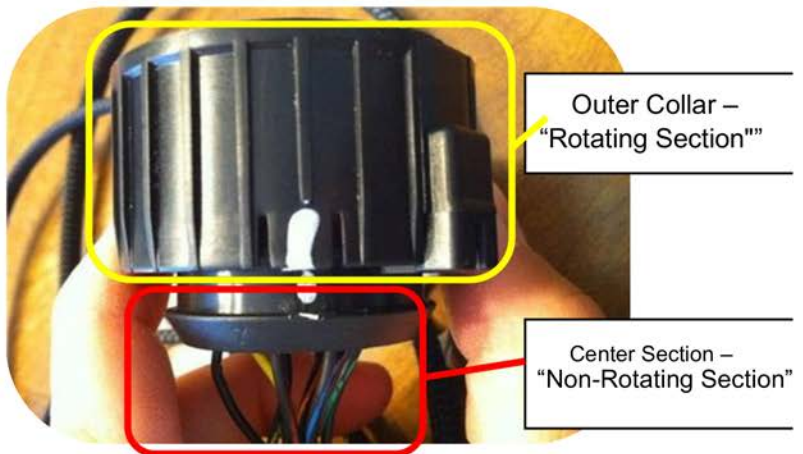
**TECH SUPPORT
(812) 618-9168**



Step 1) Locate the fuel system on the right side of the engine. You will see the injector connector coming out of the side of the head as shown in the picture below.

Step 2) Unplug injector connector by rotating the outer collar of the connector, counter-clockwise.

Note: When disconnecting, make sure to only rotate the outer collar. The center section of the connector, including the wiring, should NOT rotate.



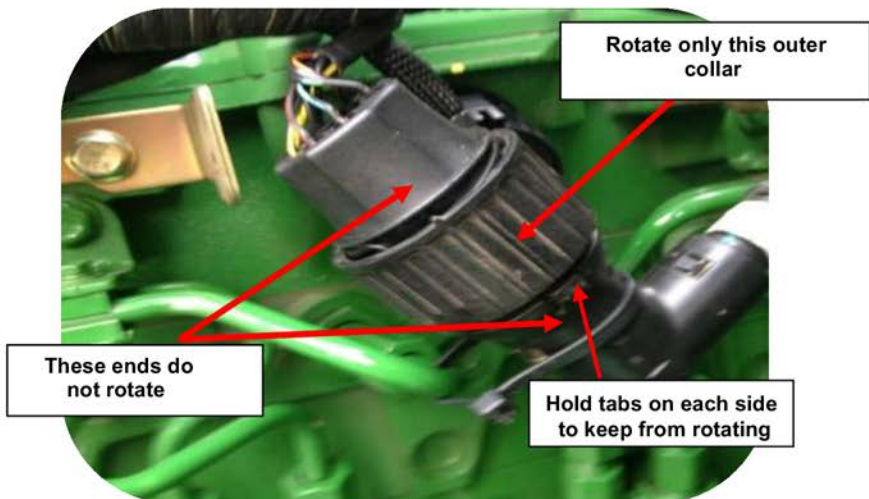
Step 3) Plug female connector from module into injector connector coming out of head. Make sure to line up the white marks on the female connector from module as shown below. Then line up the connector and plug the connector to the engine head.

Note: When connecting, make sure to only rotate the outer collar. The center section of the connector, including the wiring, should NOT rotate.



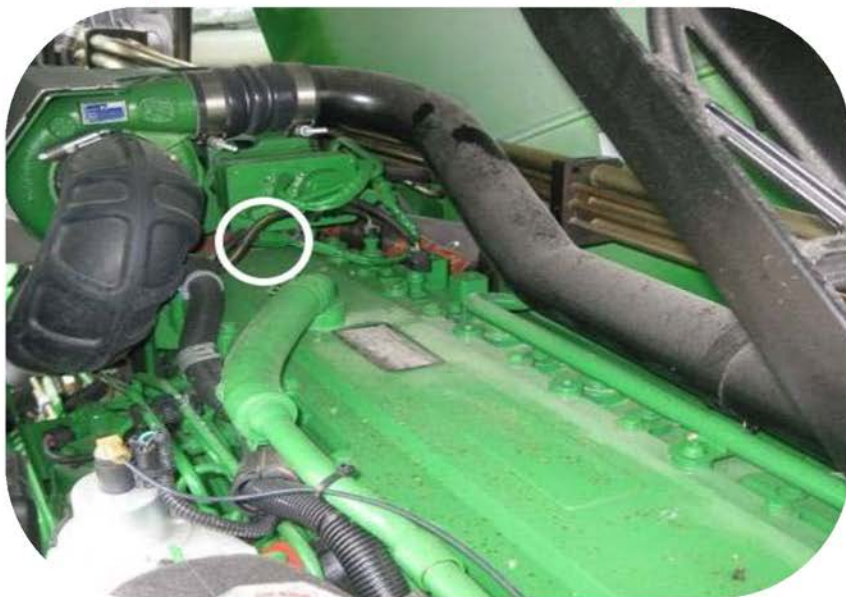
Step 4) Plug the stock connector to the Ag Diesel Solutions male connector.

Note: Line up the posts on the male connector with the ports by the red inserts on the female connector as shown below

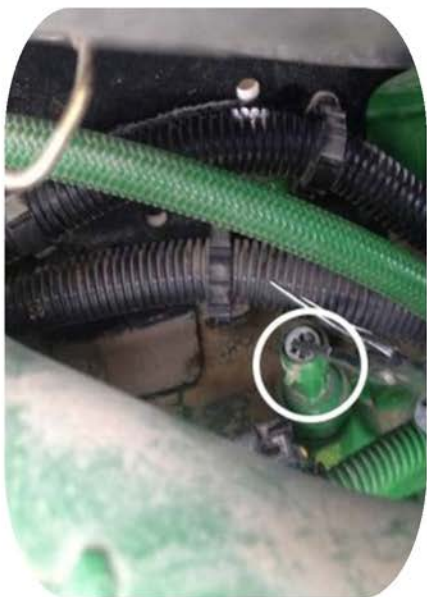


Step 5) Note: Rotate the collar on the factory John Deere connector clockwise 2 or 3 degrees as shown in picture below before connecting to the male connector on the module

Note: There are 2 tabs on the stock connector that were removed in Step 3. Squeeze these tabs together to hold the stock plug and keep it from rotating. You may need to lightly squeeze the tabs. Do not use pliers or channel locks. Do not damage the connector.



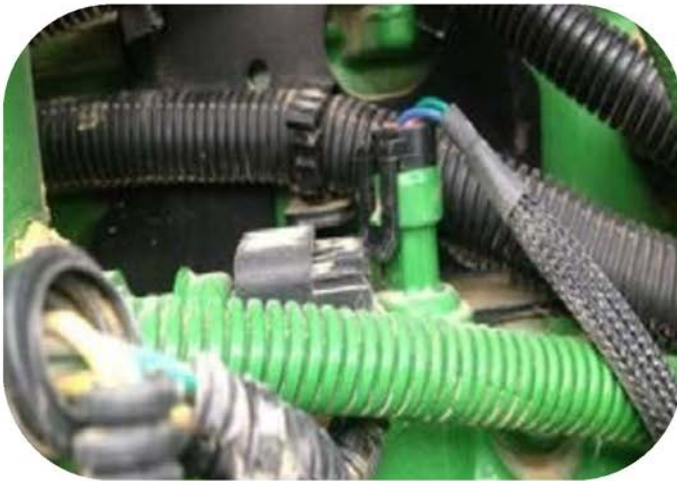
Step 6) Locate the MAP sensor on the top left hand side of the valve cover and unplug it. MAP sensor is located next to the turbocharge, as shown in the picture below.



Step 7) Check inside the MAP Sensor for a plastic insert. If there is a plastic insert, you will need to remove it and place it over the stock MAP Sensor.



Step 8) Plug in the Ag Diesel Solutions male connector into the stock MAP sensor



Step 9) Plug the stock MAP sensor connector into the Ag Diesel Solutions female map sensor connector.

Step 10) Connect the black wire with ring terminal to starter

Step 11) Connect red wire with ring terminal to a 12V constant source located to starter.

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



Step 12) 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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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