

**INSTALLATION
GUIDE**

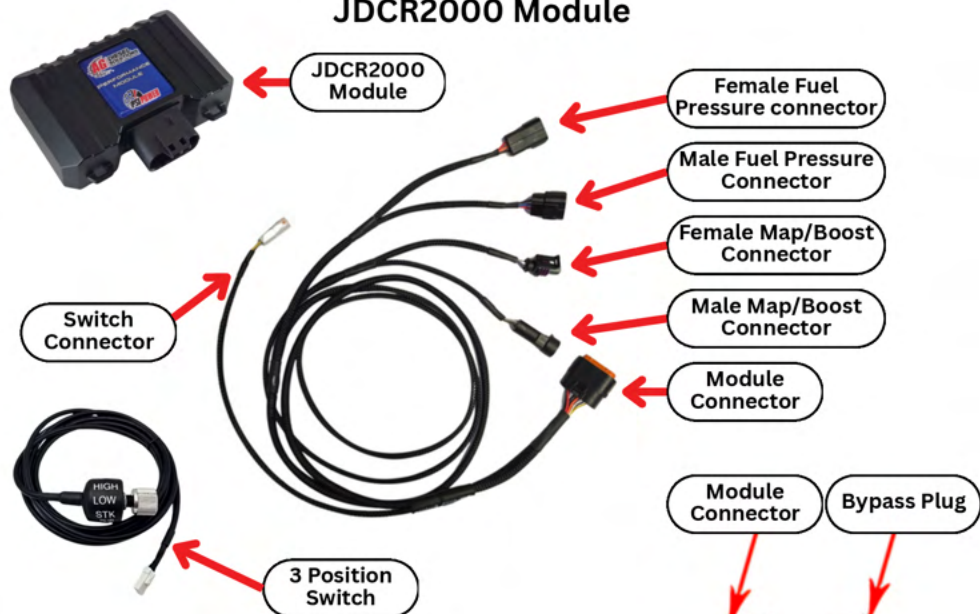


JDCR2000 MODULE

**2.9L, 4.5L, 6.8L, 8.1L & 9.0L
JOHN DEERE TIER II, TIER III & TIER IV
COMMON RAIL ENGINES**



JDCR2000 Module



A bypass plug is included with the module for potential troubleshooting. Install bypass plug in module connector to return equipment to stock functionality if needed

Make sure to push completely together until connector snaps when using bypass plug.

Position 1 - STOCK (counter clockwise)

Position 2 - LOW, up to 15% HP

Position 3 - HIGH, up to 30% HP

***Module will default to High Setting if switch is not connected**



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.

DISCLAIMER

NOT FOR USE IN CALIFORNIA

PSI Power recommends removing the module before any warranty work is performed on the piece of equipment the module is installed on.

MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMISSIONS CONTROL SYSTEMS

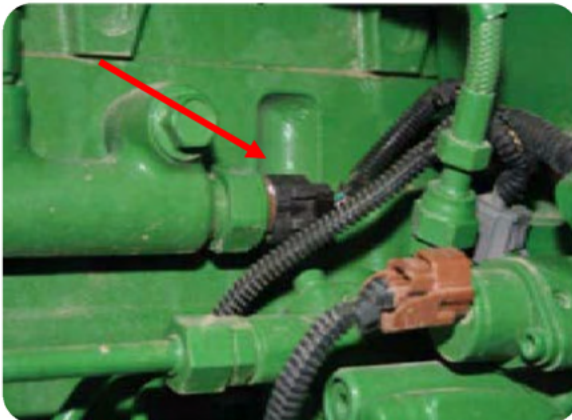
If installation assistance is needed, PSI Power is not responsible for any cost associated with third party installation.

TECH SUPPORT
+1 (812) 618-9168

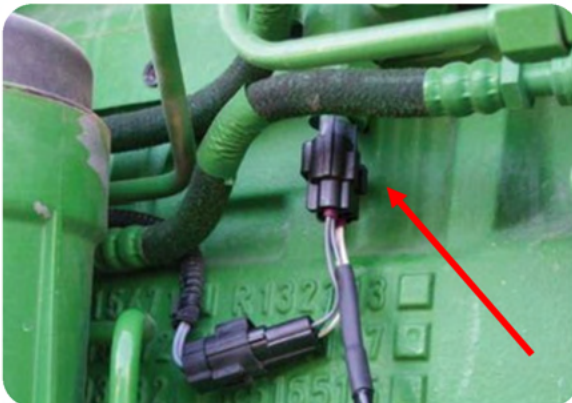
1) From the tractor cab looking forward, locate the fuel system on the left side of the engine. You will see the common rail with the injector lines coming out of it.



2) Locate Fuel Pressure sensor as shown in Pictures below

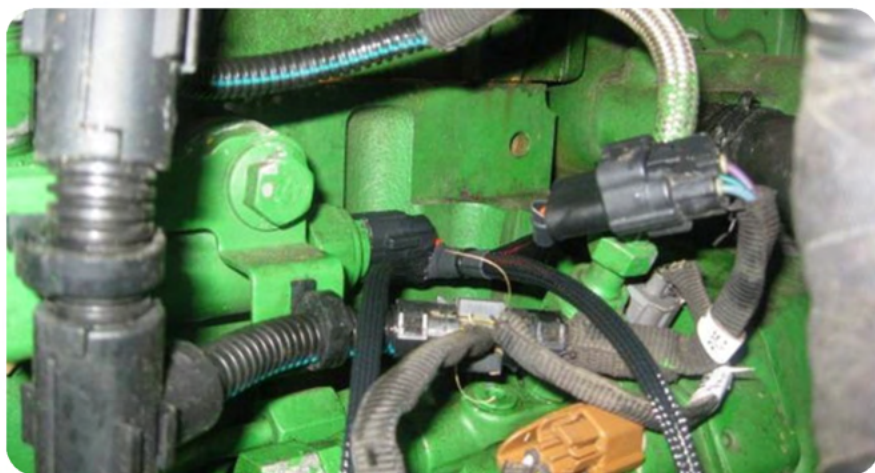


2.9L & 9.0L John
Deere Fuel
Pressure Sensor



4.5L, 6.8L, & 8.1L John
Deere Fuel Pressure
Sensor

3) Unplug fuel pressure sensor.



4) Plug male connector from module into fuel pressure sensor.

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

5) Connect the stock connector to the female connector from the module.

Note: Some 2007 – current engines will have a boot with a cable wrapped around the fuel pressure sensor. Wiggle the boot back off the connector. Do not cut off the tag or cable.

2.9L, 4.5L, 6.8L, & 8.1L Engines

6) 2.9, 4.5, 6.8, & 8.1L engines do not have a MAP sensor, so you will need to plug the Male and Female MAP sensor plugs from the module into each other.

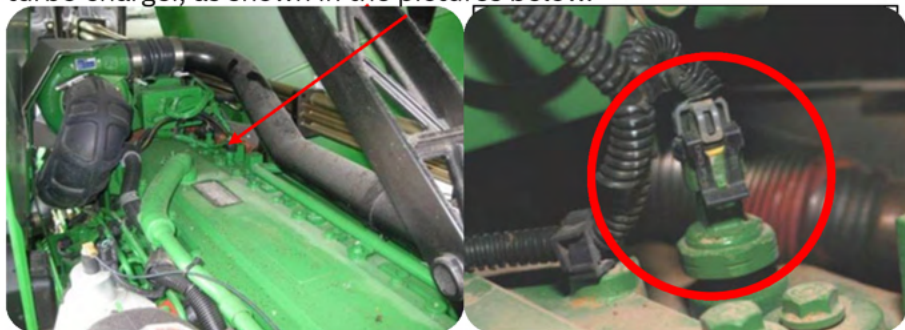


7) Mount module in a secure location away from any extreme heat or moving parts. Zip tie module and any loose wires down.



9.0L Engines

8) Locate the MAP sensor on the top left hand side of the valve cover and disconnect the stock plug. MAP sensor is located next to the turbo charger, as shown in the pictures below.



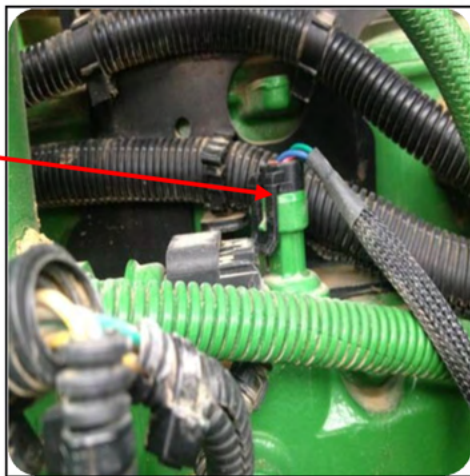
9) Check inside the MAP Sensor for a plastic insert. If there is a plastic insert, you will need to remove it and place it over the stock MAP Sensor plug that you removed in Step 8.



10) Connect the Male MAP Sensor on the module harness into the stock MAP Sensor.

11) Plug the Stock John Deere MAP sensor connector into the Female Map sensor plug on the module harness.

12) To complete the insallation, secure module in safe location away from moving parts and high heat areas



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

