

INSTALLATION
GUIDE

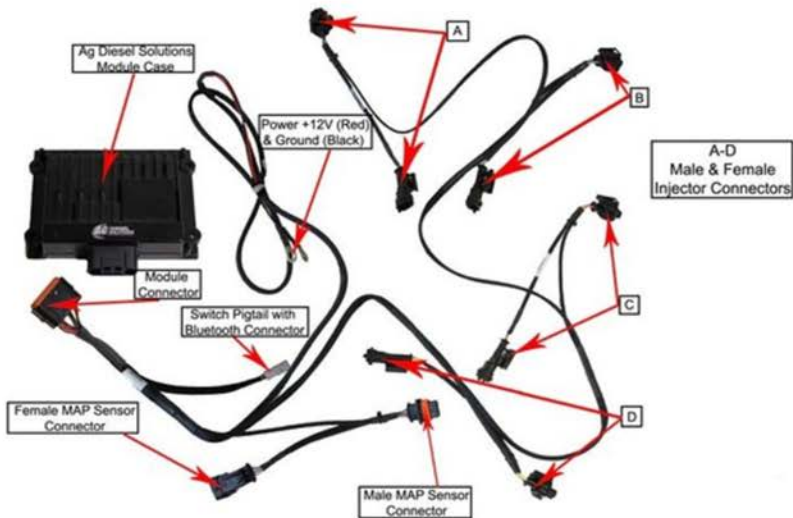
AG DIESEL
SOLUTIONS
ENGINEERED BY **PSI POWER**

DZ2904 MODULE

2.9L & 3.6L DEUTZ TIER IV ENGINES



DZ2904 Module



Module will default to the APP setting if switch is not connected.

Switch Positions:

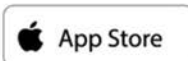
- *STOCK
- *LOW, up to 15% HP
- *HIGH, up to 30% HP

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.

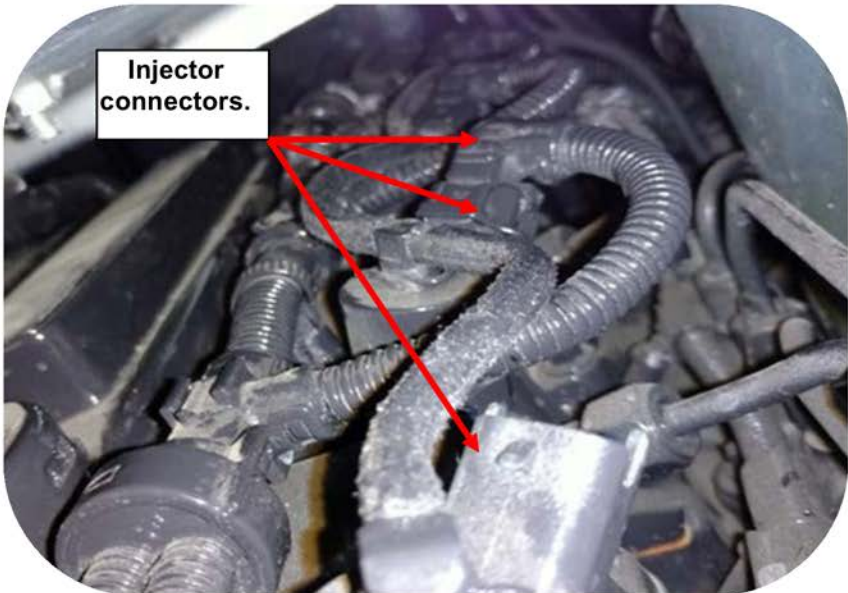
DISCLAIMER

NOT FOR USE IN CALIFORNIA

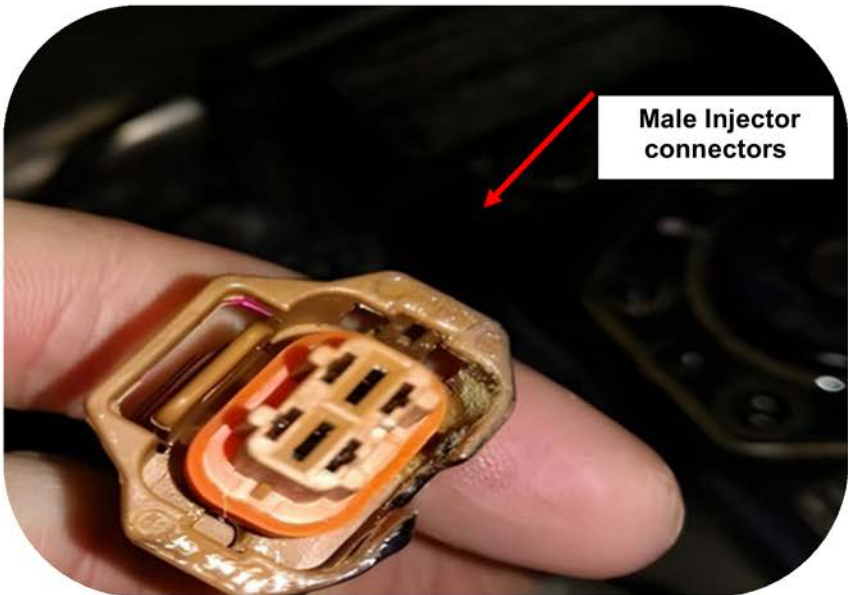
MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMMISIONS CONTROL SYSTEMS
If installation assistance is needed, PSI Power is not responsible for any cost associated with third party installation.

TECH SUPPORT
(812) 618-9168

2.9L Deutz



Step 1) Locate the stock injector connectors on top of the head on the engine. There will be four connectors in a row going to the injectors. These are two-pin male connectors.

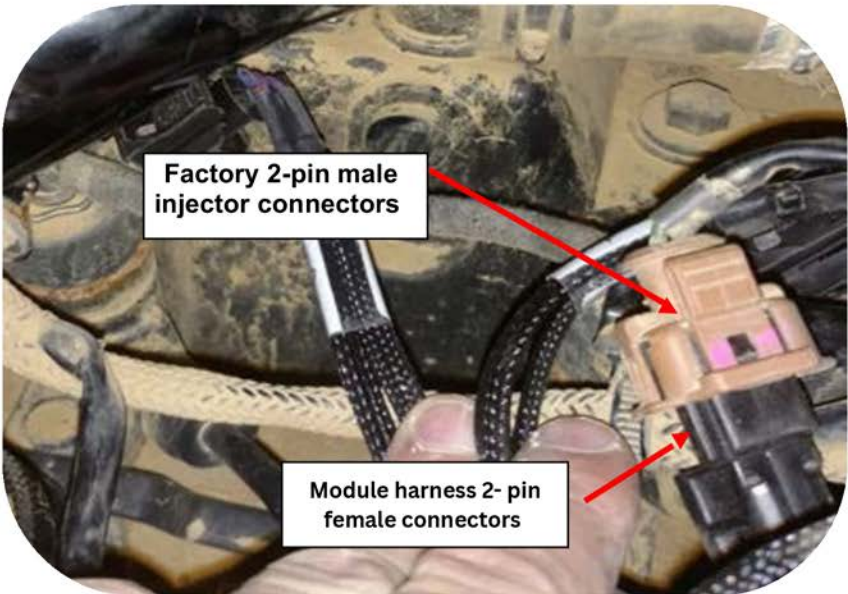


Step 2) Disconnect all four of the stock injector connectors. Press and hold the release tab on the connectors and gently pull the connectors apart.



Male Injector
connector from
harness to injector

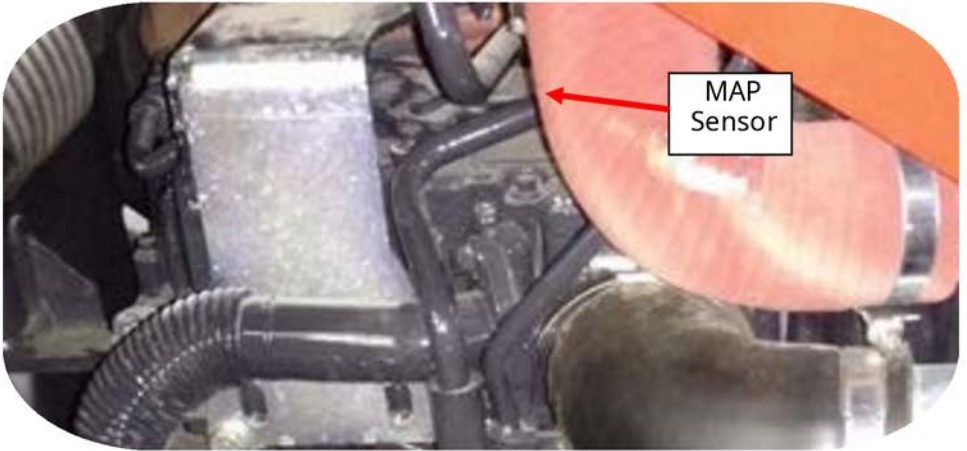
Step 3) On the ADS module harness, the male connectors will connect to each individual injector. Injector connector **D** will connect to the injector closest to the flywheel. They will then connect in order with connector **A** ending on the injector closest to the fan/radiator.



Factory 2-pin male
injector connectors

Module harness 2- pin
female connectors

Step 4) Connect the male two pin connectors from the factory harness to the female injector connectors on the ADS harness.
Note: Insure that all connectors snap and fasten securely.



Step 5) Locate the MAP sensor. The MAP sensor is accessible from the intake side of the engine. Depending on the application, it will be located underneath a metal engine plate. There will be a four-pin male connector going to the sensor.



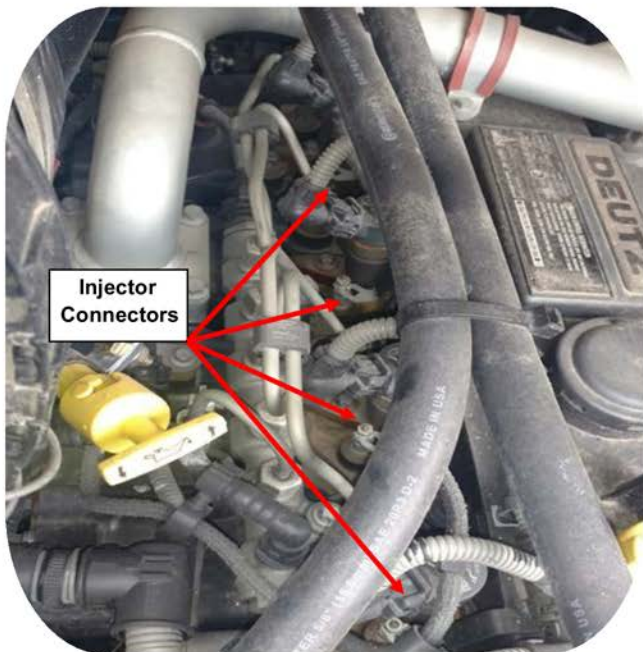
Step 6) Remove the factory four-pin male connector located on the engine harness from the MAP sensor. Press and release the locking tab to disconnect.



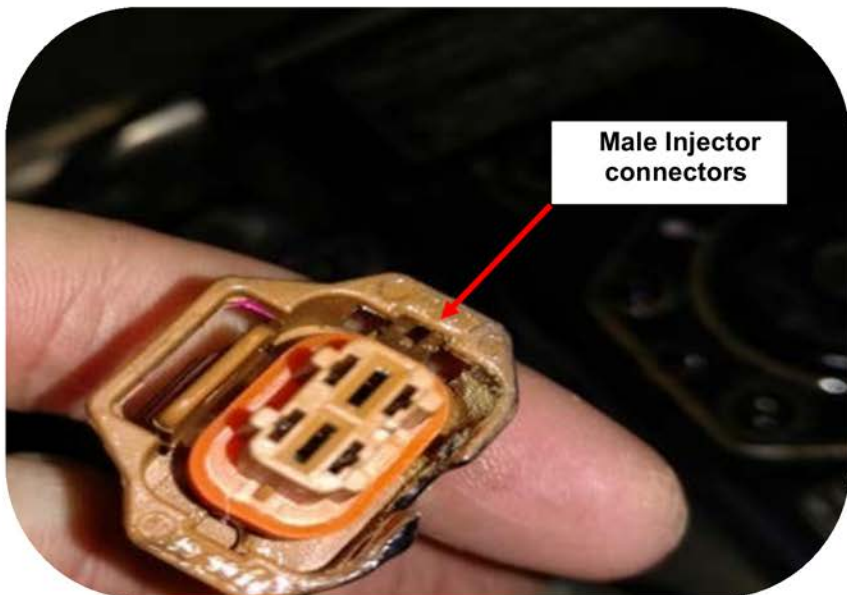
Step 7) Insert the 4-Pin male connector from the ADS module harness into the MAP sensor. Then, connect the factory 4-Pin male connector from the engine harness to the female 4-Pin connector on the ADS module harness.

Note: To complete this install, go to page 11

3.6L Deutz



Step 1) Locate the stock injector connectors on top of the head on the engine. There will be four connectors in a row going to the injectors. These are two-pin male connectors.

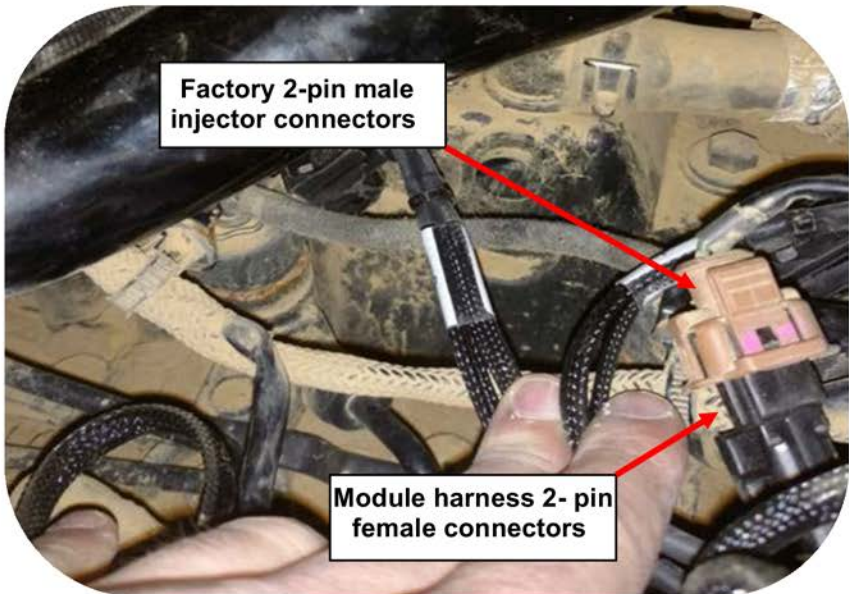


Step 2) Disconnect all four of the stock injector connectors. Press and hold the release tab on the connectors and gently pull the connectors apart.



Male Injector
connector from
harness to injector

Step 3) On the ADS module harness, the male connectors will connect to each individual injector. Injector connector **D** will connect to the injector closest to the flywheel. They will then connect in order with connector **A** ending on the injector closest to the fan/radiator.

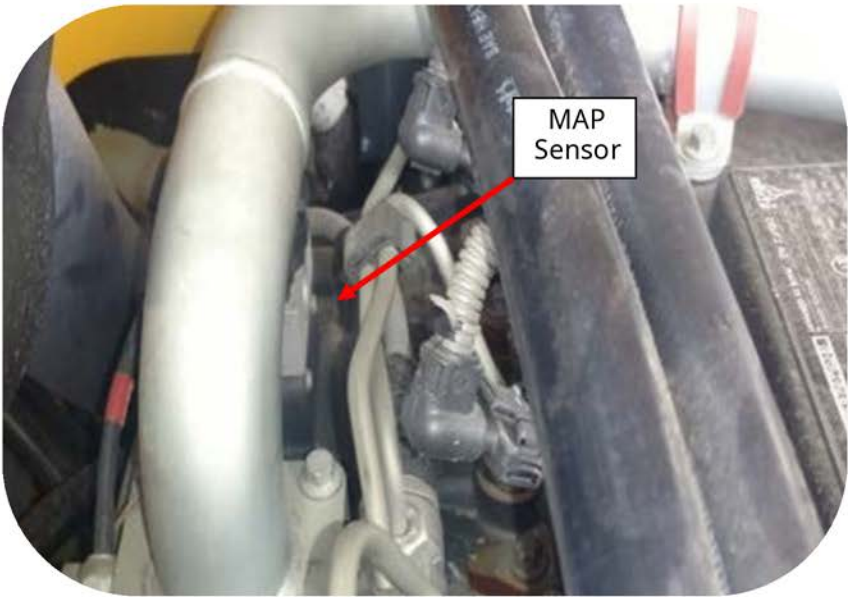


Factory 2-pin male
injector connectors

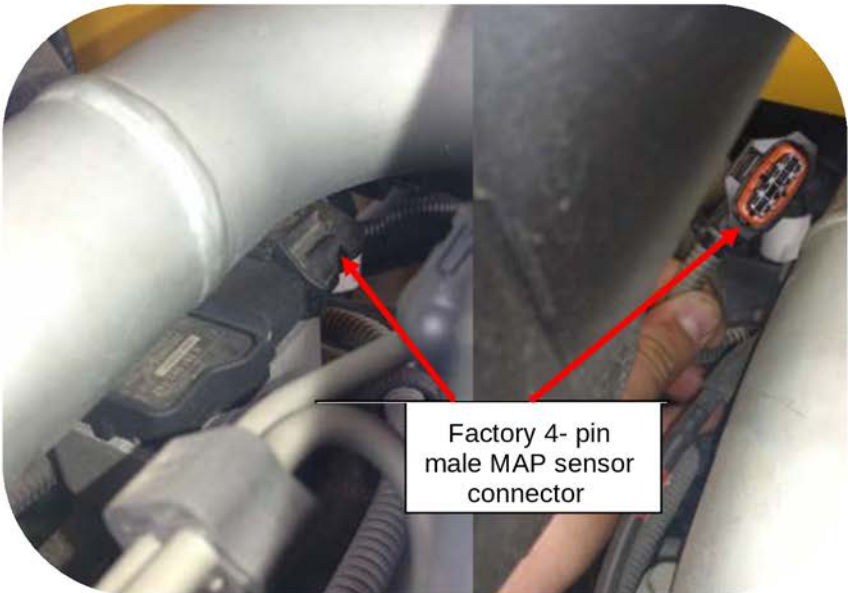
Module harness 2- pin
female connectors

Step 4) Connect the male two pin connectors from the factory harness to the female injector connectors on the ADS harness.

Note: Insure that all connectors snap and fasten securely.



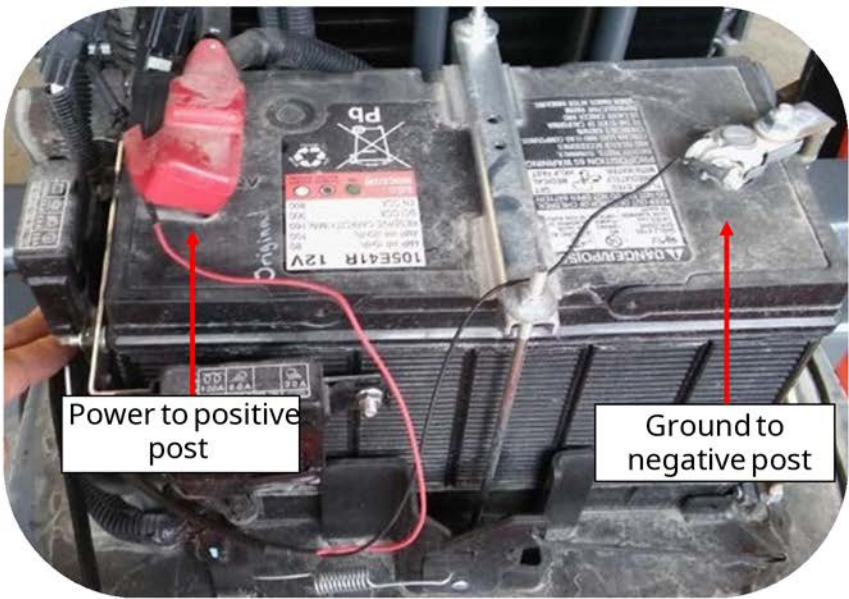
Step 5) Locate the MAP sensor. The MAP sensor is accessible from the intake side of the engine. Depending on the application, it will be located under the intake tube on the intake manifold. There will be a four-pin male connector going to the sensor.



Step 6) Remove the factory four- pin male connector located on the engine harness from the MAP sensor. Press and release the locking tab to disconnect.



Step 7) Insert the 4-Pin male connector from the ADS module harness into the MAP sensor. Then, connect the factory 4-Pin male connector from the engine harness to the female 4-Pin connector on the ADS module harness.



Step 8) Route power and ground leads along factory wiring loom to the battery. Connect red wire with ring terminal to positive battery post. Connect the black wire with ring terminal to negative battery post.



Step 9) Mount the module with the connector on the bottom side, as to reduce the chance of moisture from getting into the module harness. Keep away from excessive heat and moving parts.

Note: Zip tie onto the factory computer wire harness works well. Mounting the module as shown will help prevent moisture from collecting into the module connector.

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TERMS AND CONDITIONS Effective 11/1/2022