

INSTALLATION  
GUIDE

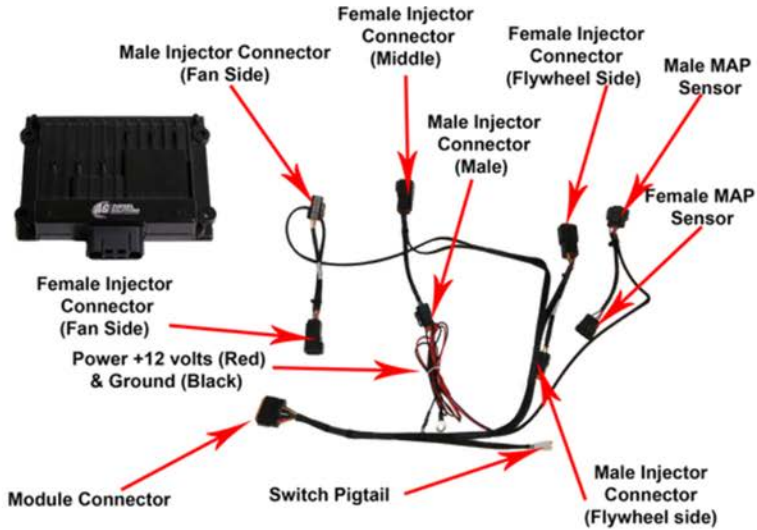
**AG** DIESEL  
SOLUTIONS  
ENGINEERED BY **PSI POWER**

**CU6703 MODULE**

**6.7L CUMMINS TIER III ENGINES**



# CU6703 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\***

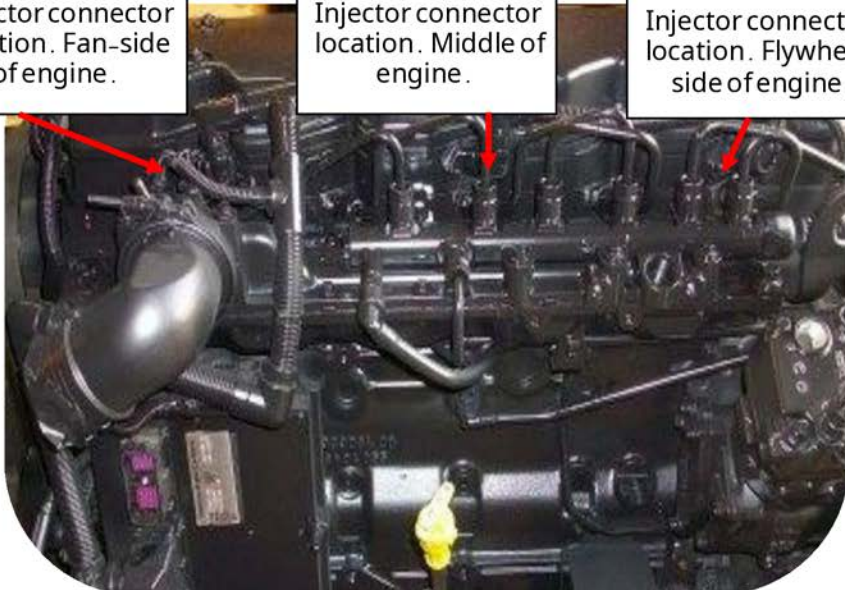
\*MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMMISIONS CONTROL SYSTEMS\*  
If installation assistance is needed, PSI Power is not responsible for any cost associated with third party installation.

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

Injector connector location. Fan-side of engine.

Injector connector location. Middle of engine.

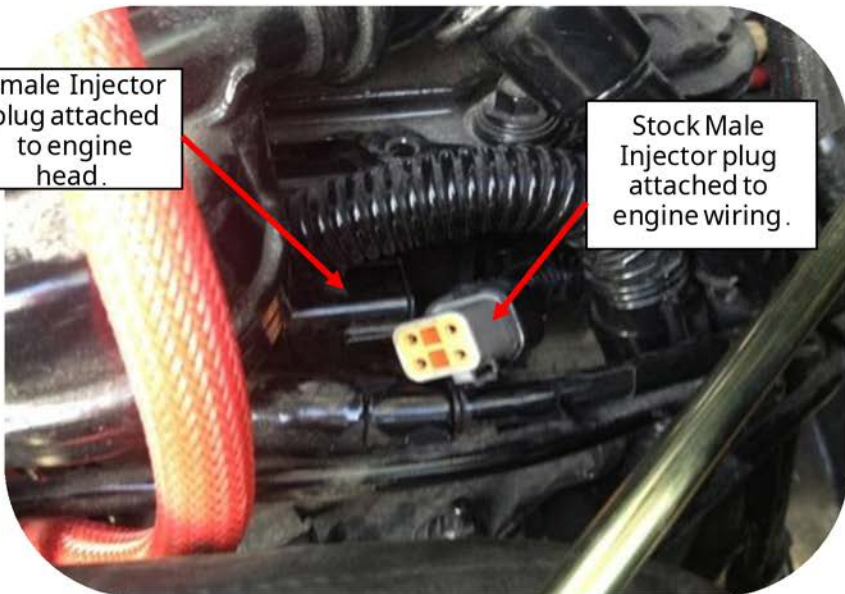
Injector connector location. Flywheel-side of engine.



**Step 1)** Locate the 3 sets of stock injector connectors located on the side of the engine head. These are located on the same side of the engine as the air intake. One connector is located closer to the flywheel-side of the engine, one is in the middle behind the air intake, and the last connector is located closer to the Fan-side of the engine.

Female Injector plug attached to engine head.

Stock Male Injector plug attached to engine wiring.



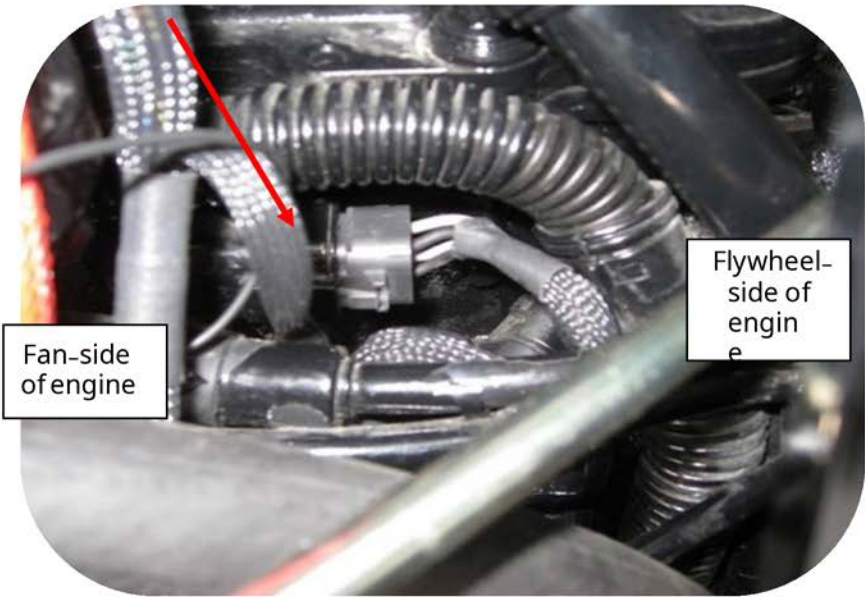
**Step 2)** Disconnect all 3 sets of stock injector connectors. Press the release tab on the connector and gently pull the connector apart.



**Step 3)** Route the module harness as shown in the picture below. The module case will be located closer to the flywheel side of the engine. *\*Note: Refer to the diagram on page 2 for the layout of the harness connections.*



**Step 4)** On the harness, the male injector connector located closest to the module case will connect to the female injector connector wiring located closest to the flywheel-side of the engine.



Fan-side of engine

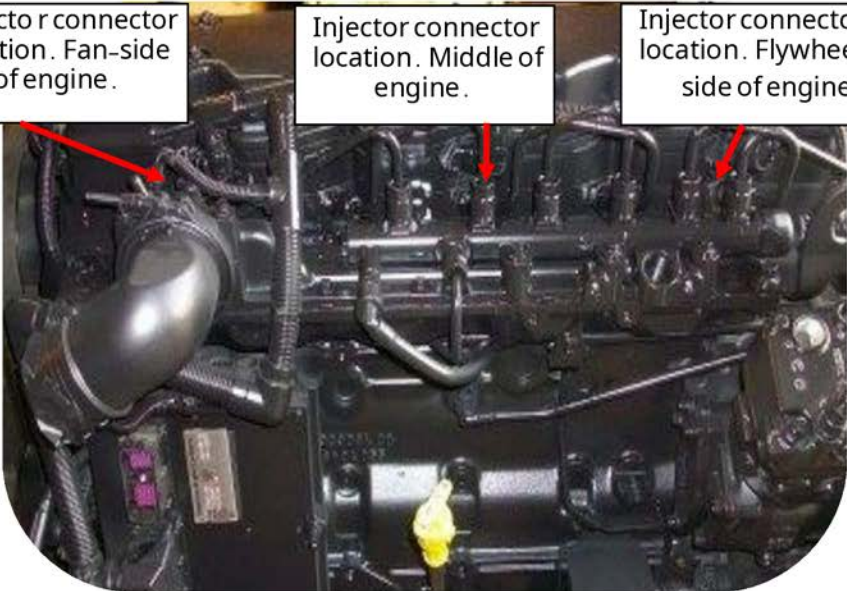
Flywheel-side of engine

**Step 5)** On the Ag Diesel Solutions harness, the male injector connector located closest to the module case will connect to the female injector connector located closest to the flywheel- side of the engine.

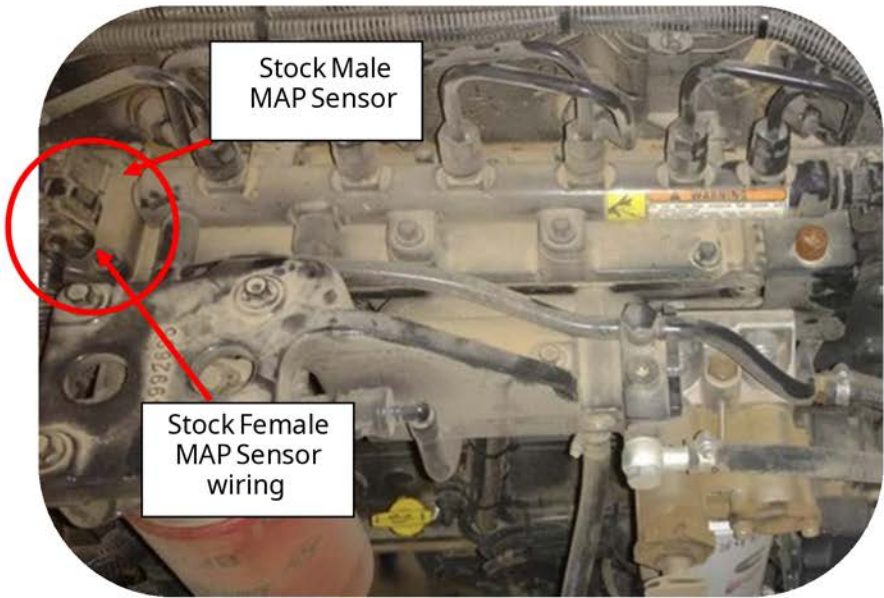
Injector connector location. Fan-side of engine.

Injector connector location. Middle of engine.

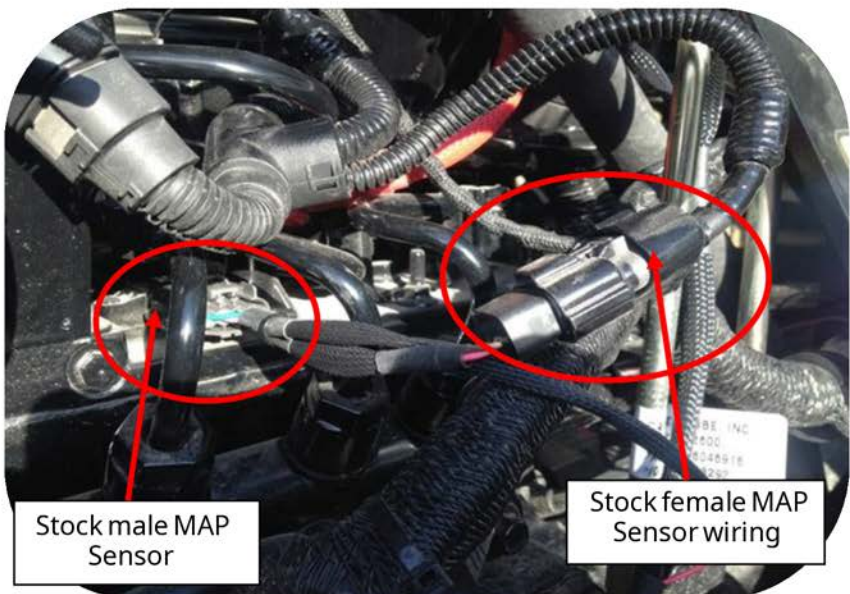
Injector connector location. Flywheel-side of engine.



**Step 6)** Continue to the next 2 sets of injector plugs. Repeat Steps 4 and 5 to connect each pair of injector plugs. *\*Note: The new harness will connect in series between the stock injector plugs and stock wiring plugs. All plugs on the new harness will be connected.*



**Step 7)** Locate the stock MAP Sensor and disconnect. This is a 4-Pin connector located next to the air intake inlet.



**Step 8)** Connect the new female MAP sensor connector into the stock male MAP sensor. Connect the new male MAP sensor connector into the stock Female MAP sensor wiring.



**Step 9)** Connect the red wire with a ring terminal to a +12V constant source (i.e. battery or alternator.) Connect the black wire with ring terminal to a good chassis ground.



**Step 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 factory wire harness. Mounting the module with the connector down will help prevent moisture from collecting into the module connector**

## **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***