



# 54100 MODULE

**INSTALLATION GUIDE**

**3.0L V6 MERCEDES ENGINE**

**2.0L VW TDI ENGINE**

**2007-2012 SPRINTER VAN**

**2008-2012 VOLKSWAGEN JETTA**

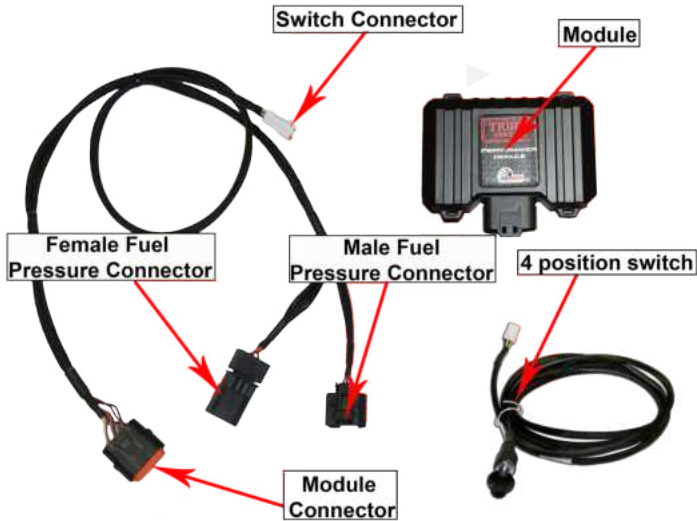
**2008-2009 JEEP GRAND CHEROKEE**

**UP TO 30% HP GAIN  
10-20% FUEL SAVINGS**

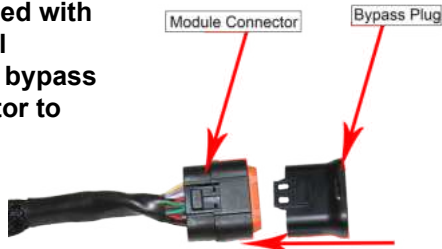


**AGDIESELSOLUTIONS.COM**





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



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

## For Tech Support Please Call 812-618-9168

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

### Adjustable on the fly

Position 1- Stock (counter clockwise)

Position 2- Low- up to 10%

Position 3- Medium- Up to 20%

Position 4- High- Up to 30%

Position 1- Switch far left

Position 4- Switch far right



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

\*NOT FOR USE IN CALIFORNIA\*

\*MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMISION CONTROL SYSTEMS\*

\*If installation assistance is needed, Ag Diesel Solutions is not responsible for any cost associated with third party installation.

**(The following instruction pictures are from Sprinter van,  
Jeep pictures will vary)**

- 1) Locate Fuel Pressure sensor on the passengers side of the engine as shown in picture**



- 2) Remove Air Cleaner box and set to driver's side of engine.**
- 3) Once Air Cleaner is removed, remove plastic cover over engine.**



- 4) Once cover is removed locate Fuel pressure relief valve on back of engine on passenger side.



**WARNING:** THERE ARE TWO PLUGS ON COMMON RAIL. MAKE SURE YOU PLUG INTO THE COMMON RAIL ON THE PASSENGER SIDE OF THE ENGINE. DO NOT PLUG INTO THE DRIVERS SIDE COMMON RAIL.



- 5) Unplug the Fuel pressure sensor. Plug female connector on harness into fuel pressure sensor. Plug factory plug into male side of harness.

- 6) Install cover and air cleaner back onto engine in reverse order.



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812-618-9168**

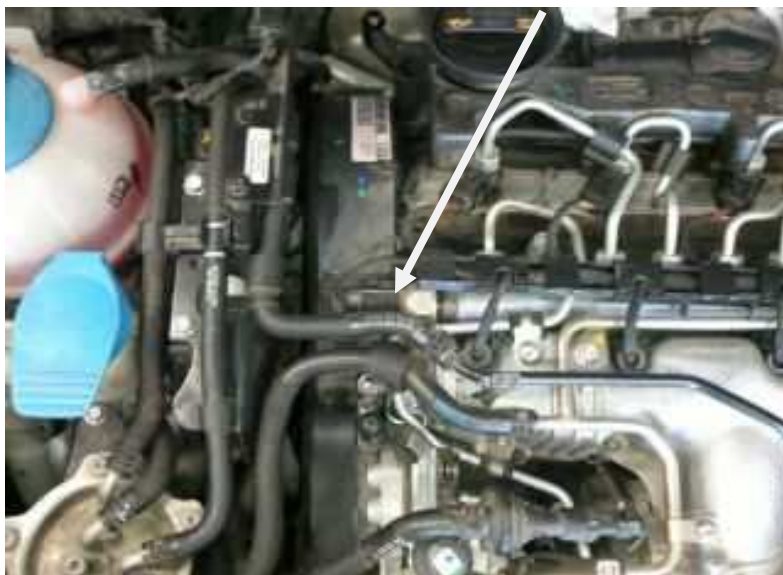
**[2008-2012 Volkswagen Jetta Instructions](#)**



## 1) Remove cover from top of engine



2) Once cover is removed, located Fuel pressure sensor located on passengers side of engine at the end of common rail.



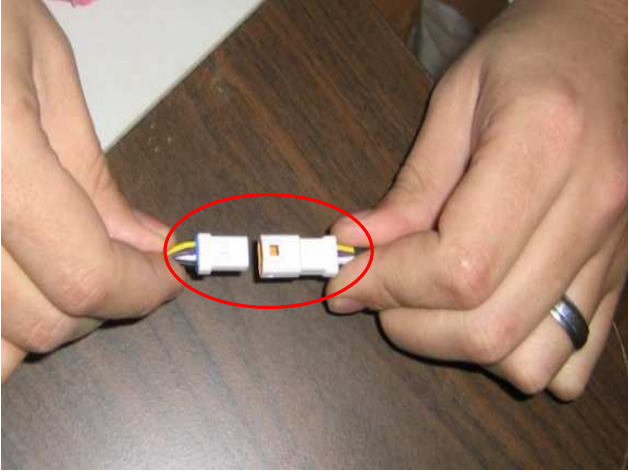
**3) Unplug Fuel pressure sensor plug and plug module harness into sensor, next plug factory sensor plug into module harness.**



**4) Reassemble cover to engine by snapping into place.**



5) Route switch through firewall (optional) and plug into module as shown below.



6) Remove the bypass plug from the Ag Diesel Solutions harness, and plug the harness into the module.

**Note: Keep the bypass plug for potential troubleshooting.**



7) Mount the module box in a safe location using the zip ties to secure the wires and module away from any extreme heat and moving parts. **Note: Mounting the module with the connector down will help prevent moisture from collecting into the module connector.**







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1.812.618.9168

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Effective 11/1/2022



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