

INSTALLATION
GUIDE



ROX2704 MODULE

2018-2024 ROXER
with 2.7L MAHINDRA ENGINES

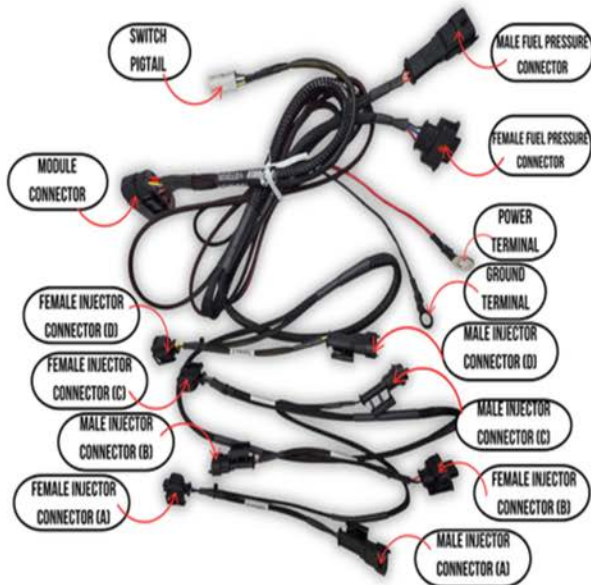


ROX2704 Module

PERFORMANCE MODULE



MECHANICAL SWITCH



Module will default to HIGH setting if switch is not connected.

Switch Positions:

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



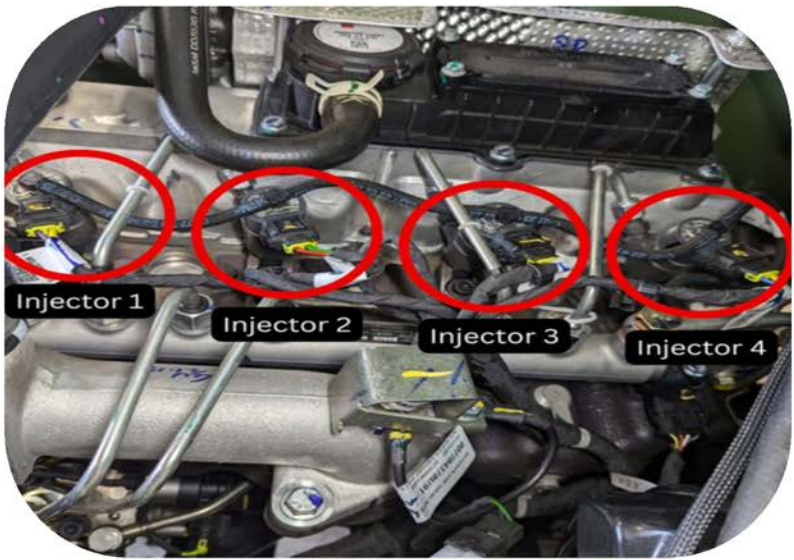
**Module switch can be ran inside the cab for easy performance adjustment.
Module switch can be secured in engine bay if desired.**

DISCLAIMER

NOT FOR USE IN CALIFORNIA

MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMISSIONS 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**



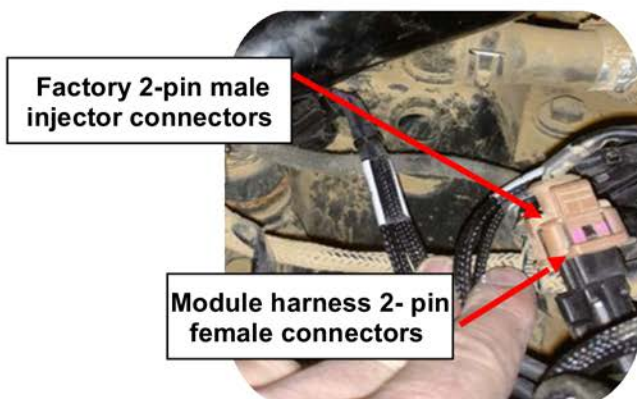
Step 1) Locate the stock injector connectors on top of the head on the engine. There will be four connectors in a row going to the injectors. These are two-pin male connectors.



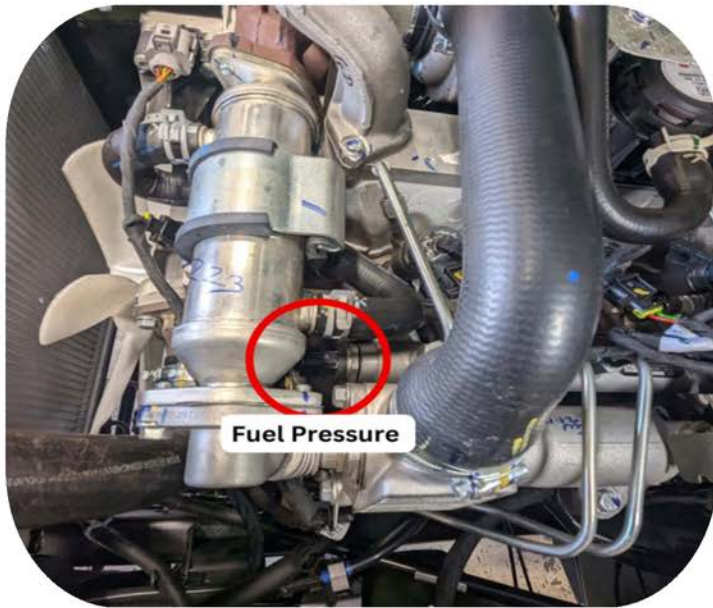
Step 2) Disconnect all four of the stock injector connectors. Press and hold the release tab on the connectors and gently pull the connectors apart.



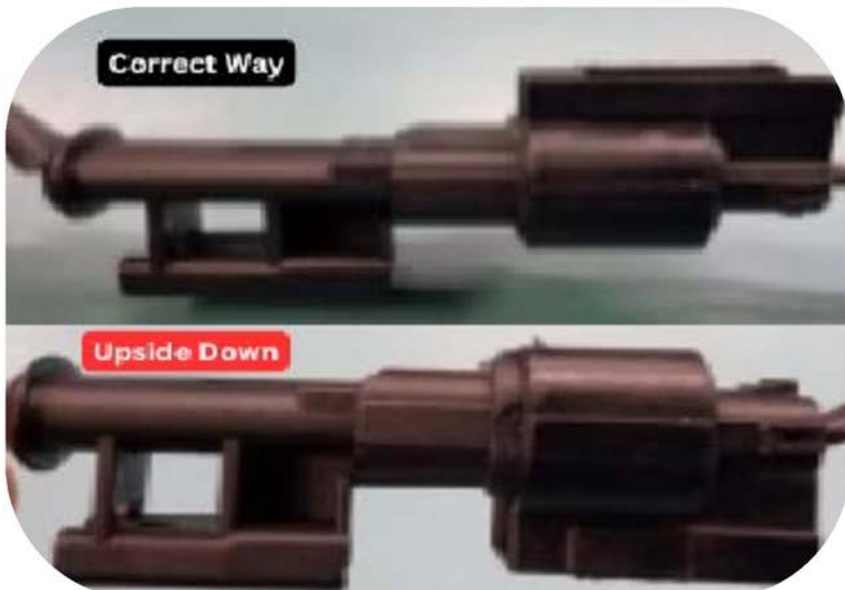
Step 3) On the ADS module harness, the male connectors will connect to each individual injector. Injector connector D will connect to the injector closest to the flywheel. They will then connect in order with connector A ending on the injector closest to the fan/radiator



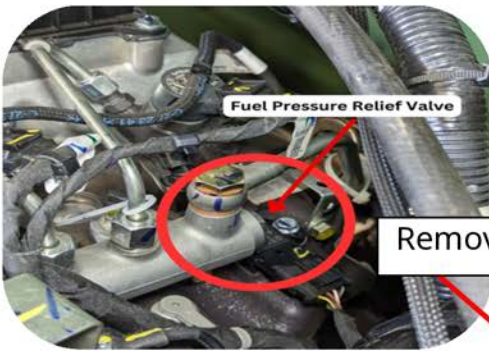
Step 4) Connect the male two pin connectors from the factory harness to the female injector connectors on the ADS harness.
Note: Insure that all connectors snap and fasten securely.



Step 5) Locate the Fuel Pressure sensor. The Fuel Pressure sensor is accessible from the intake side of the engine under the EGR Filter.



Step 6) Remove the factory three pin male connector located on the engine harness from the Fuel Pressure sensor. Press and release the locking tab to disconnect. Above are photo examples representing how the factory fuel rail sensor plug should be connected to our 3-Pin female connector on the ADS module harness



Step 7) Use an 18mm wrench to remove fuel relief valve



Step 8) Thread removal tool on to Fuel Relief Valve and place tip of fuel relief valve into vise as shown above. Rotate removal tool toward the vise to split apart relief



Step 9)

Note: Be careful to hold end of relief valve it is spring loaded and you don't want to lose any part. There is a small pin located in Tip behind the washer with three holes in it. Don't lose it, the truck will not run without it.



Step 10) Remove the spring and insert the three shims as shown above

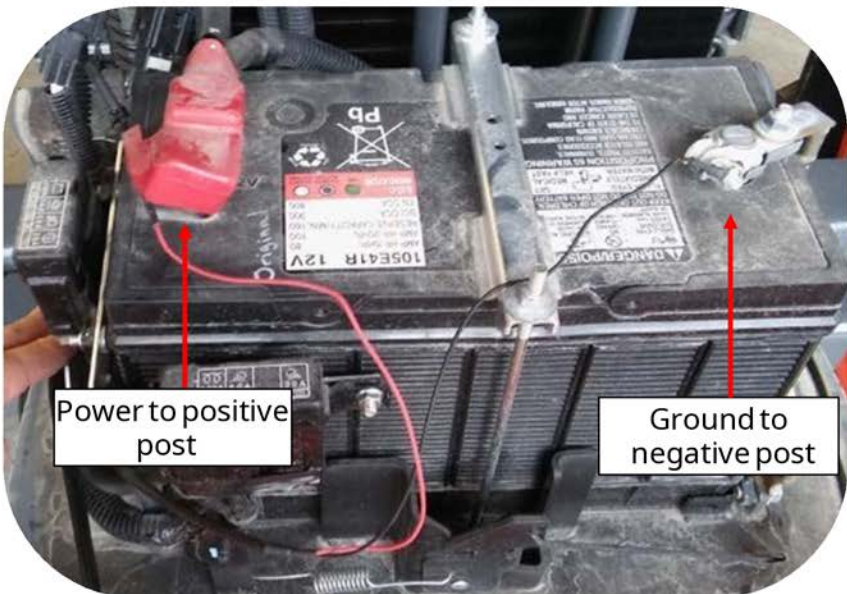


Step 11) Replace spring into relief valve and reinstall tip.

Step 12) Place in vise or press and tighten to compress relief valve together. Note: Use a small piece of wood or cardboard, between the tip and vise, to eliminate the possibility of damaging.

Step 13) Using a small punch, tap the OEM indentation's to secure the tip to the relief valve .

Step 14) Replace the relief valve back into the fuel rail and torque to 75 ft-lbs. Note: Fuel could bypass the relief valve if not fully tightened.



Power to positive post

Ground to negative post

Step 15) 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 17) 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 CONTINUE ON NEXT PAGE*****

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For

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