



FUEL MOTO MICRO EFI TUNER INSTALLATION INSTRUCTIONS

2011-2014
POLARIS RZR 900 XP



PARTS LIST

1	Micro Tuner Module	2	Velcro
1	USB Cable	2	Zip ties
1	Alcohol swab	1	Posi-tap
1	Installation Guide		

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Note: Fuel Moto USA and Fuel Moto Micro EFI Tuner fuel management systems are not legal for use or installation on motor vehicles operated on public highways in the State of California or other States where similar emission and decibel regulation laws may apply. The user shall determine suitability of the product for his or her use. The user shall assume all risk and liability in violation of regulations and any incurred financial obligations due to vehicle inspections or emissions tests.

Fuel Moto USA

2215 Kelbe Dr., Little Chute, WI 54140

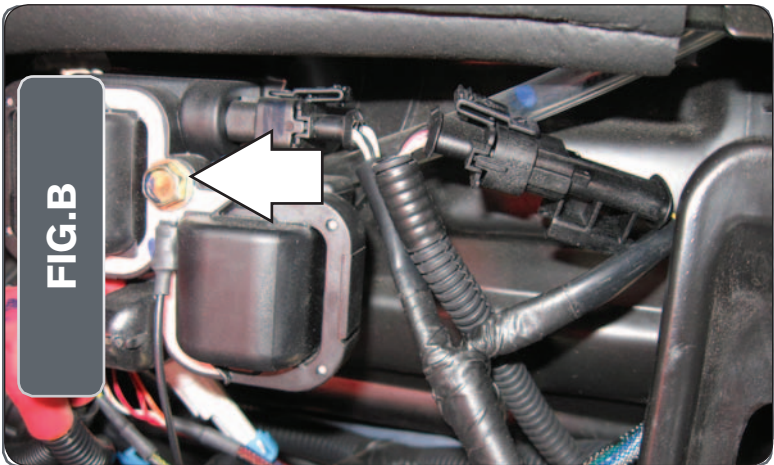
Phone: 920-423-3309

www.fuelmotousa.com

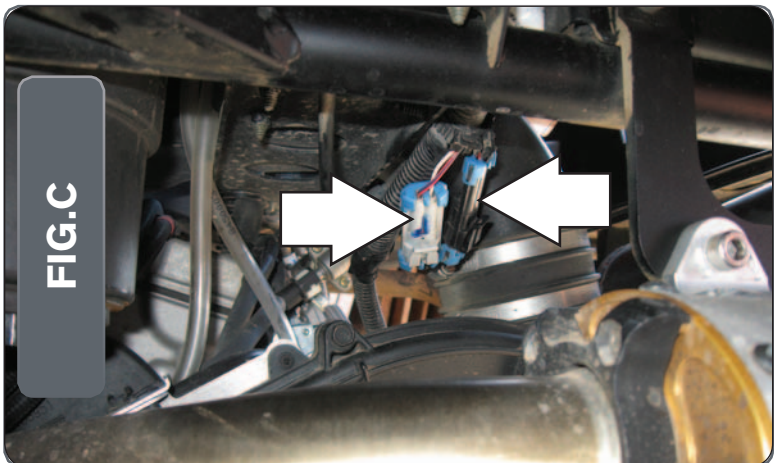


- 1 Remove both seats.
- 2 Remove the plastic panel behind the seats.
- 3 Using the supplied velcro, secure the MicroTuner to the panel next to the ECU as shown in Figure A.

Make sure to clean both surfaces with the alcohol swab before attaching.

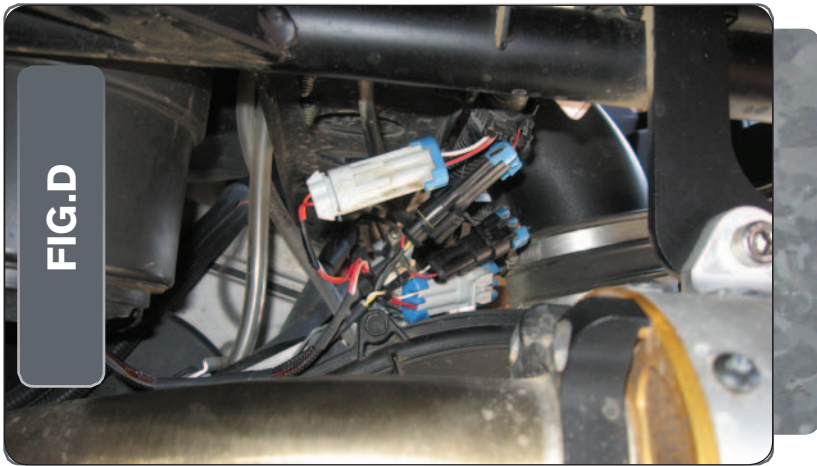


- 4 Remove the coil pack mounting bolt.
- 5 Install the bolt first through the MicroTuner ground wire and then reattach the bolt.

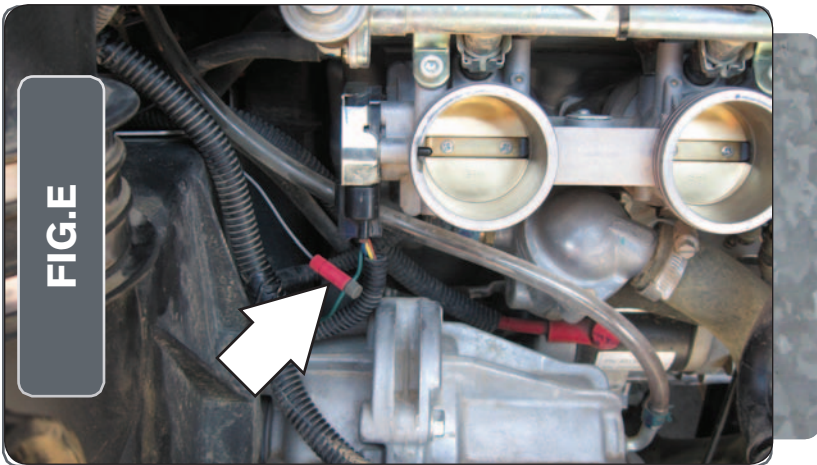


- 6 Unplug the sub connectors from each injector.

There is a grey connector and a black connector located near the rear, left side of the vehicle. This is located to the left of the air box.



7 Attach the connectors from the MicroTuner to the stock wiring harness as shown in Figure D.



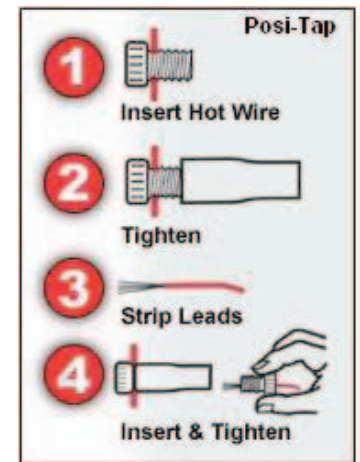
8 Using the supplied posi-tap, attach the grey wire from the MicroTuner to the green wire of the stock Throttle Position Sensor (TPS) harness as shown in Figure E.

The TPS is located on the left side of the throttle bodies. Figure E was taken with the air box removed which does make this step easier although not necessary.

9 Using the supplied zip ties, secure the harness in place making sure it will not make contact with the exhaust.

10 Reinstall the panel.

11 Replace the seats.





- ↑ STATUS Light
- ↑ MAP Select
- ↑ LOW RPM Dial
- ↑ MID RPM Dial
- ↑ HIGH RPM Dial
- ↑ USB Port

Position	Note
Position 1	2011 Polaris RZR XP900 Stock exhaust Stock or aftermarket air filter
Position 2	2012-2014 Polaris RZR XP900 Stock exhaust Stock or aftermarket air filter
Position 3	2013 Polaris RZR XP900 Jagged X Model Stock exhaust Stock or aftermarket air filter

Selecting the Map Position

The Fuel Moto Micro EFI Tuner can hold up to ten maps. Using a #1 Phillips screwdriver, turn the map select dial to toggle between the loaded maps. The module comes preloaded with a stock map (see table to left).

Using the RPM Range Dials

The Low, Mid, and High RPM Dials refer to the RPM range, in thirds, of your vehicle. Each dial allows +/- 10% fuel adjustment on top of what fuel changes are done in the map. With the dial facing straight up, there is no additional fuel change

For example, if your vehicle revs to 9000 RPM:

- The low RPM dial will adjust 0-3000 RPM
- The mid RPM dial will adjust 3001-6000 RPM
- The high RPM dial will adjust 6001-redline

Using Fuel Moto Micro EFI Tuner Control Center

Take your tuning to the next level with the Fuel Moto Micro EFI Tuner Control Center software.

- 1 Go to <https://www.fuelmotousa.com/p-28236-fuel-moto-micro-efi-tuner.html> to download the software
- 2 Click Install Software and follow the on-screen instructions to install the Micro Tuner software. The Micro EFI Tuner software and maps will be stored in C:\Program Files\Fuel Moto Micro EFI Tuner Control Center.

Loading Additional Maps

- 1 Connect the USB cable from the computer to the Fuel Moto Micro EFI Tuner Module. Verify the cable is fully seated in the Fuel Moto Micro EFI Tuner Module.
- 2 Run the Fuel Moto Micro EFI Tuner Control Center software by double-clicking the program icon installed on your desktop or on your start menu.
- 3 Click Open Map File and select a map file.
- 4 Click Send Map. You can send the map to any of the ten map positions .

Altering Maps Using Software

The values in the map represent a percentage of fuel change over stock. A value of 10 in the map indicates at that throttle position and RPM range the vehicle will be 10% richer than stock. If the value is -10, then it would be 10% leaner than stock. You have the ability to fine tune your fuel curve by altering these values . The Control Center software allows a value of +250 to -100 in each cell.