FUEL MOTO MICRO EFI TUNER
INSTALLATION INSTRUCTIONS

2011-2014
POLARIS RZR800 / S / 4

PARTS LIST

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

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

Fuel Moto USA   2215 Kelbe Dr.,   Little Chute, WI 54140   Phone:920-423-3309   www.fuelmotousa.com

FIG.A

FIG.B

FIG.C
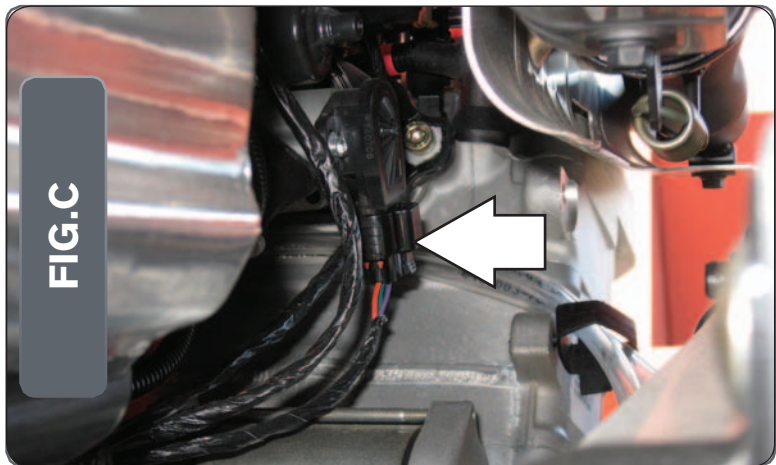
1   Remove both seats.

2   Remove the plastic panel behind the seats.

3   Locate the injector harness connectors as shown in Figure A.

   The injector harness connectors are located next to the ignition coils.

4   Unplug the injector harness connectors.

5   Attach the connectors from the MicroTuner to the injector harness and stock wiring harness as shown in Figure B.

6   Locate the black 3-pin throttle position sensor (TPS) connector as shown in Figure C.

   The TPS connector is located to the rear of the throttle body.

7   Unplug the TPS connector.

FIG.D
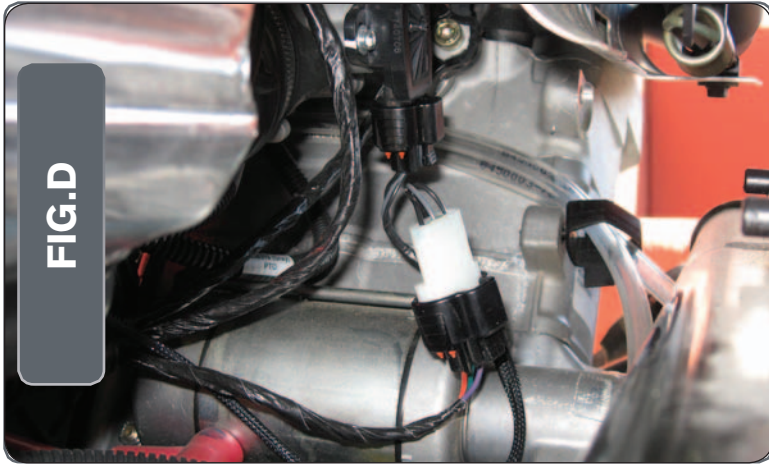
8. Attach the connectors from the MicroTuner to the TPS connector and stock wiring harness as shown in Figure D.

9. Using one of the supplied zip ties, secure the connectors in place.

FIG.E
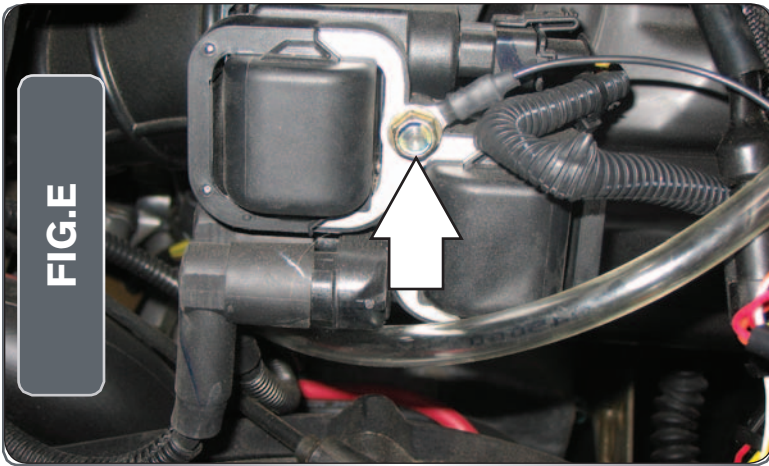
10. Remove the bolt securing the coil pack to the bracket as shown in Figure E.

11. Attach the ground wire from the MicroTuner harness to the bracket using the bolt removed in the previous step.

FIG.F

12. Using the supplied velcro, secure the MicroTuner to the panel behind the drivers seat above the ECU as shown in Figure F.

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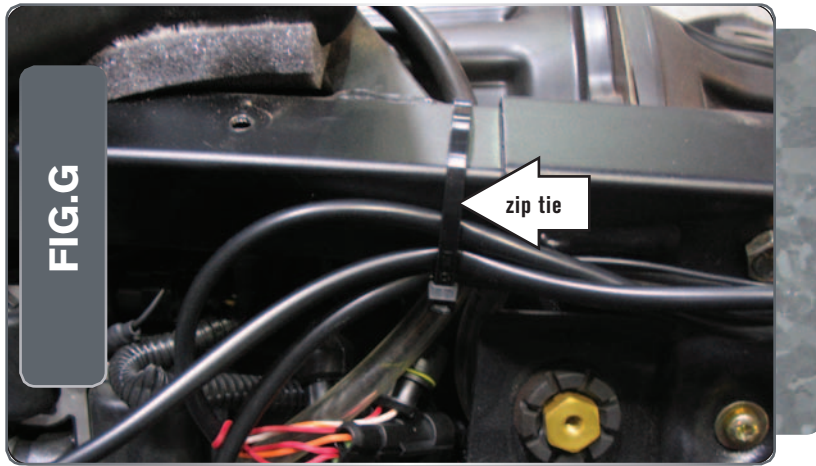
zip tie

13 Using one of the supplied zip ties, secure the MicroTuner harness to the frame as shown in Figure G.

14 Reinstall the plastic panel and seats.

USB Port

HIGH RPM Dial

MID RPM Dial

LOW RPM Dial

MAP Select

STATUS Light

Position	Note
Position 1	2011-2014 Polaris RZR Stock exhaust Stock 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 in Position #2.

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.