2011 Polaris RZR XP900

Installation Instructions

PARTS LIST

1	Juice Box Pro™
1	USB Cable
1	Top Tune CD-ROM
1	Installation Guide
2	Velcro strip
1	Alcohol swab
2	Zip ties

**THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!**

DOWNLOAD THE TOPTUNE SOFTWARE AND LATEST MAPS FROM OUR WEBSITE:
www.twobros.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

401 S. Grand Ave. Santa Ana, CA 92705
(800) 211-2767   www.twobros.com

JUICEBOX PRO
Premium Fuel Controller

USB Port
High RPM Dial
Mid RPM Dial
Low RPM Dial
Map Select
Status Light
(Power to Unit)

Position 0	Zero map	
Position 2	Two Brothers M7 dual full exhaust Stock air filter	2011 Polaris RZR XP900
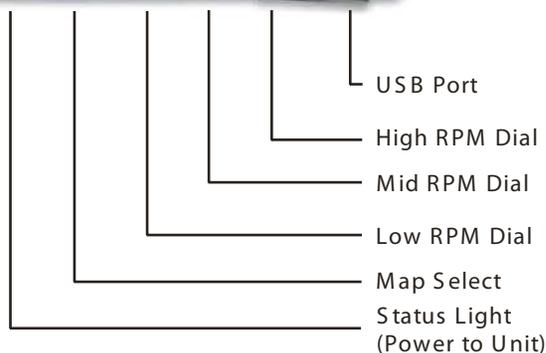
Selecting the Map Position
The Juice Box Pro comes loaded with up to ten maps. Using a #1 Phillips screwdriver, turn the map select dial to toggle between the loaded maps. Refer to the map position table below for the maps included in your Juice Box Pro.

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 15,000 RPM:
- the low RPM dial will adjust 0-5000 RPM
- the mid RPM dial will adjust 5001-10000 RPM
- the high RPM dial will adjust 10001-15000 RPM

Using Top Tune
Take your tuning to the next level with the Top Tune software.

Installing the Top Tune Software
1 Insert the CD provided into your computer's cd-rom drive. The launch program will run automatically.
   If auto-run is disabled, double-click the My Computer icon then double-click the CD drive icon. Double-click TBR TopTune.exe to manually start the CD.
2 Click Install Software and follow the on-screen instructions to install the Top Tune software. The TopTune software and maps will be stored in C:\Program Files\TBR TopTune.
3 Click Map Database. All maps will automatically be installed to the C:\Program Files\TBR TopTune\maps folder.

Loading Additional Maps
1 Connect the USB cable from the computer to the Juice Box Pro. Verify the cable is fully seated in the Juice Box Pro.
2 Run the TopTune 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 TopTune
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 TopTune software allows a value of +250 to -100 in each cell.

Figure A

Figure B

bolt
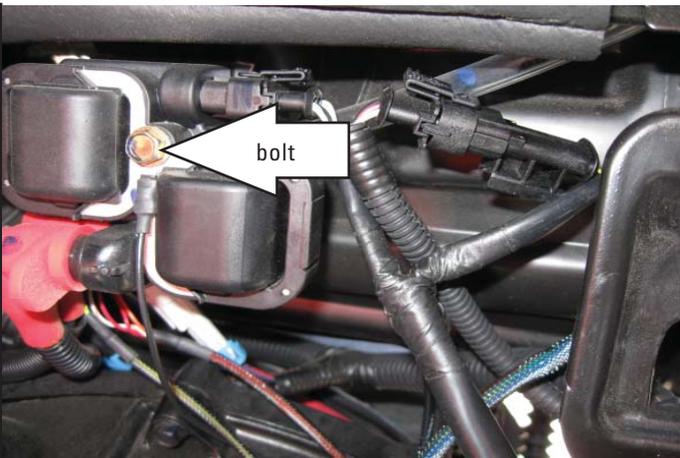
Figure C
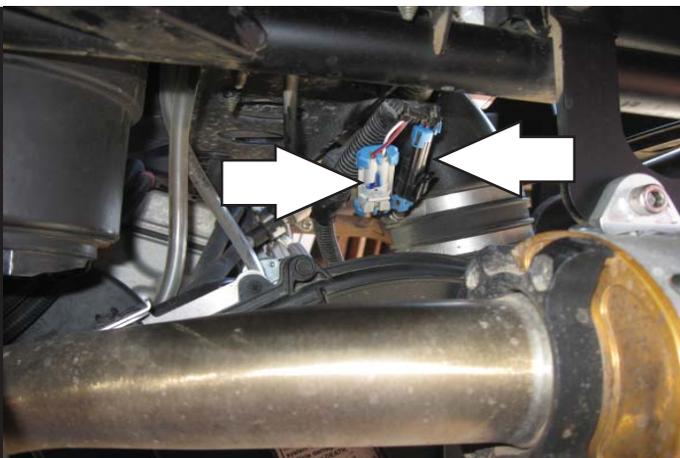
1. Remove both seats.

2. Remove the plastic panel behind the seats.

3. Using the supplied velcro, secure the Juice Box Pro to the panel next to the ECU.

   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 Juice Box Pro ground wire and then reattach the bolt.

6. Unplug the subconnectors 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.

Figure D

Figure E

7. Attach the connectors from the Juice Box Pro to the stock wiring harness as shown in Figure D.
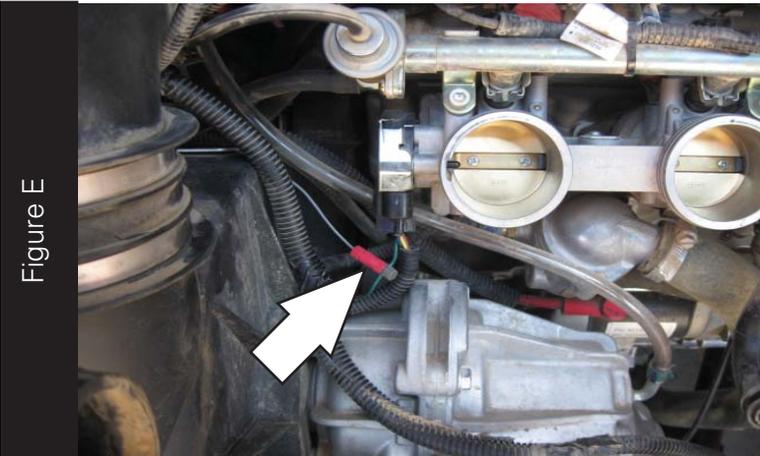
8. Using the supplied posi-tap, connect the grey wire from the Juice Box Pro to the green wire of the stock Throttle Position harness as shown in Figure E.

   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.

Posi-Tap

1 Insert Hot Wire

2 Tighten

3 Strip Leads

4 Insert & Tighten