



2013 Kawasaki ZX-6R

Installation Instructions



JUICEBOX^{PRO}

Premium Fuel Controller

PARTS LIST

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

THE IGNITION MUST BE TURNED OFF BEFORE INSTALLATION!

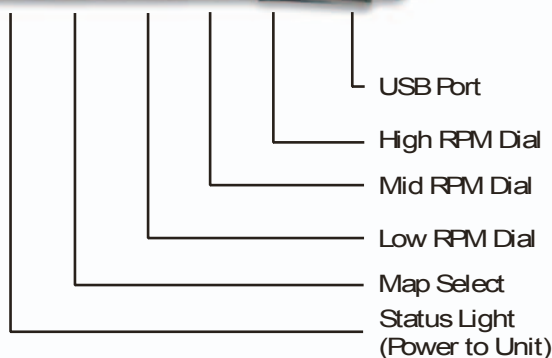
DOWNLOAD THE TOPTUNE SOFTWARE AND LATEST MAPS FROM OUR WEBSITE:
www.twobros.com

PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION

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

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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 TBRTopTune.exe to manually start the CD.
- 2 Click Install Software and follow the on-screen instructions to install the Top Tune software. The Top Tune software and maps will be stored in C:\Program Files\TBRTopTune.
- 3 Click Map Database. All maps will automatically be installed to the C:\Program Files\TBRTopTune\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 Top Tune 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 Top Tune

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 Top Tune software allows a value of +250 to -100 in each cell.

Position 0	Zero map	
Position 1	Stock exhaust Stock air filter	2013 Kawasaki ZX-6R
Position 2	Two Brothers VALE slip on Stock or aftermarket air filter	2013 Kawasaki ZX-6R
Position 3	Two Brothers full exhaust Stock or aftermarket air filter	2013 Kawasaki ZX-6R

Figure A



1. Remove the main seat and the passenger seat.
2. Remove the plastic covers from both sides of the fuel tank.
3. Remove the fuel tank.
4. Remove the airbox.

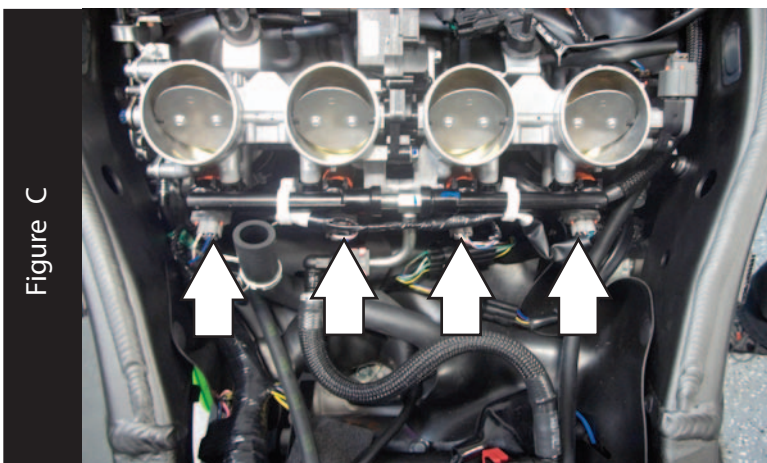
The bottom clamps of the airbox can be loosened by accessing them through the hole in the frame (Fig. A).

Figure B



5. Using the supplied Velcro, secure the JBP in the tail section (Fig. B).
Be sure to clean both surfaces with the alcohol swab before attaching
6. Route the JBP harness down the left hand side of the frame going towards the throttle bodies.
7. Attach the ground wire of the JBP to the negative side of the battery.

Figure C



8. Unplug the stock wiring harness from each of the fuel injectors (Fig. C).

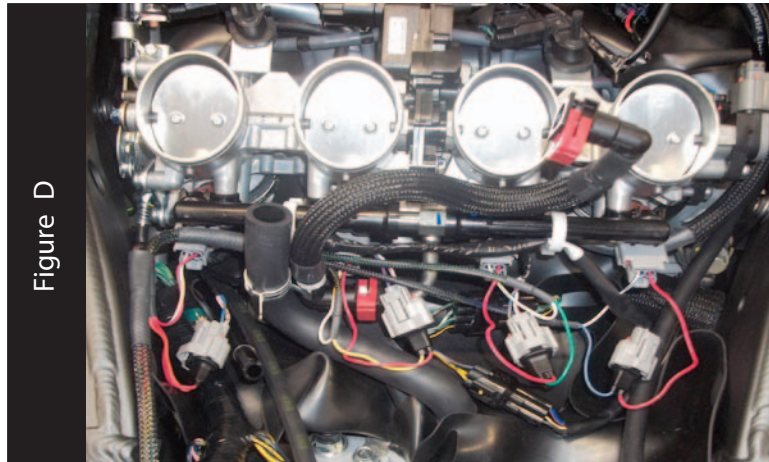


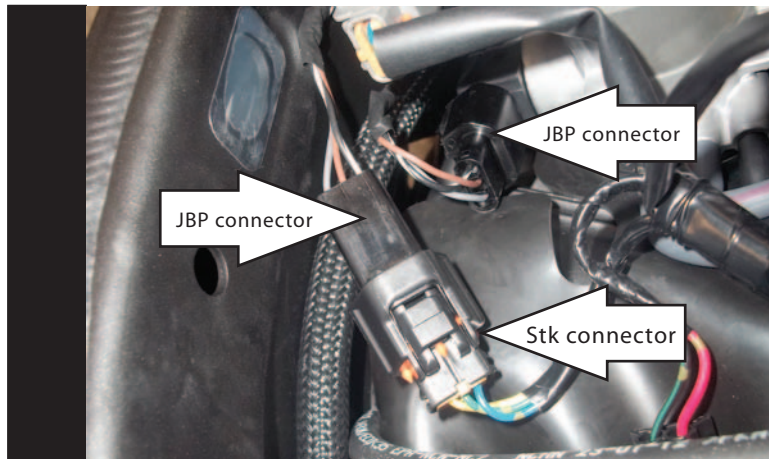
Figure D

9. Plug the JBP wiring harness in-line of the fuel injector and the stock wiring harness (Fig. D). The ORANGE colored wires of the JBP go to the #1 (LEFT) cylinder.



Figure E

10. Unplug the stock wiring harness from the primary Throttle Position Sensor (Fig. E). *The TPS connector is located on the right side of the throttle bodies. This is the BLACK connector, do NOT connect to the GREY connector.*



11. Plug the JBP wiring harness in-line of the stock wiring harness and TPS (Fig. F).
12. Reinstall the fuel tank.