



## 2007-10 Honda CBR600RR

### Installation Instructions



**JUICEBOX** PRO<sup>®</sup>  
Premium Fuel Controller

### PARTS LIST

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

**FOR RACE USE ONLY**

DOWNLOAD THE TOPTUNE SOFTWARE  
AND LATEST MAPS FROM OUR  
WEBSITE:

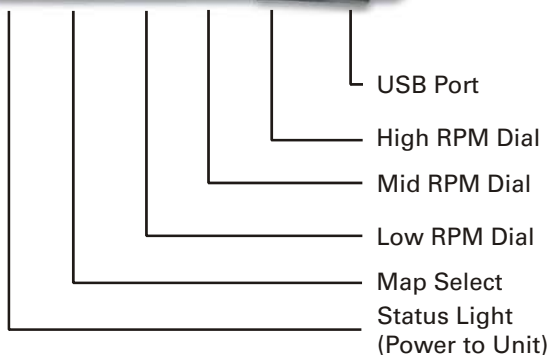
[www.twobros.com](http://www.twobros.com)

**PLEASE READ ALL DIRECTIONS BEFORE STARTING INSTALLATION**

401 S. Grand Ave. Santa Ana, CA 92705  
(800) 211-2767 [www.twobros.com](http://www.twobros.com)

# JUICEBOX PRO<sup>®</sup>

Premium Fuel Controller



## 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 Top Tune 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 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 or Aftermarket Air Filter	2007-2008 Honda CBR600RR
Position 2	Two Brothers VALE slip on exhaust Stock or aftermarket air filter	2007-2008 Honda CBR600RR
Position 3	Stock exhaust Stock or aftermarket air filter	2009-2010 Honda CBR600RR
Position 4	Two Brothers slip-on Stock or aftermarket air filter	2009-2010 Honda CBR600RR

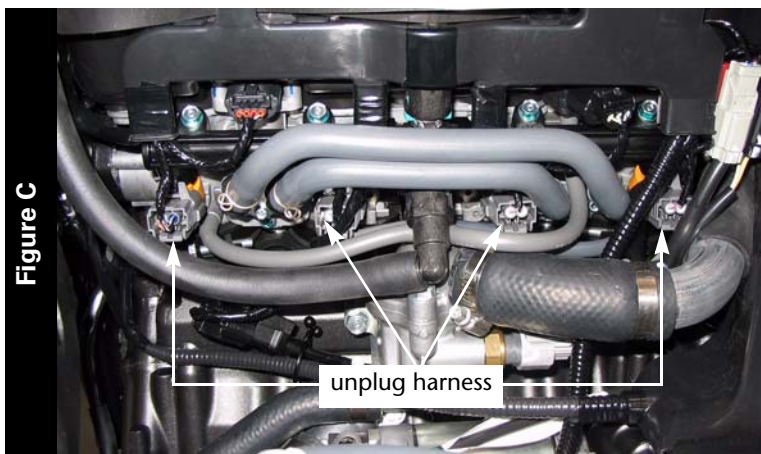
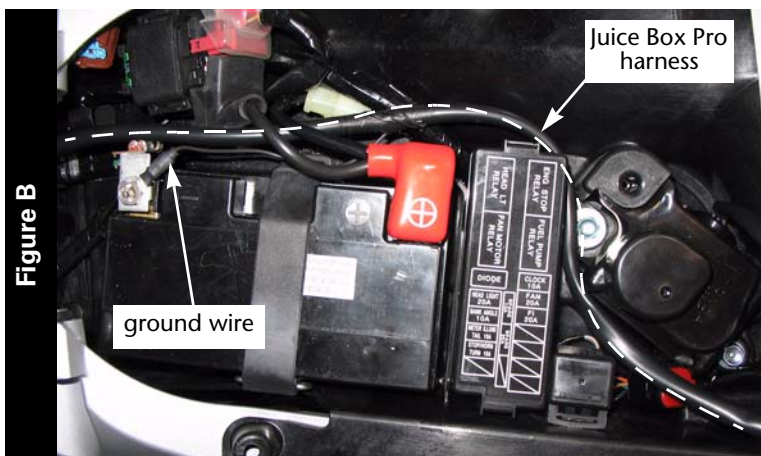
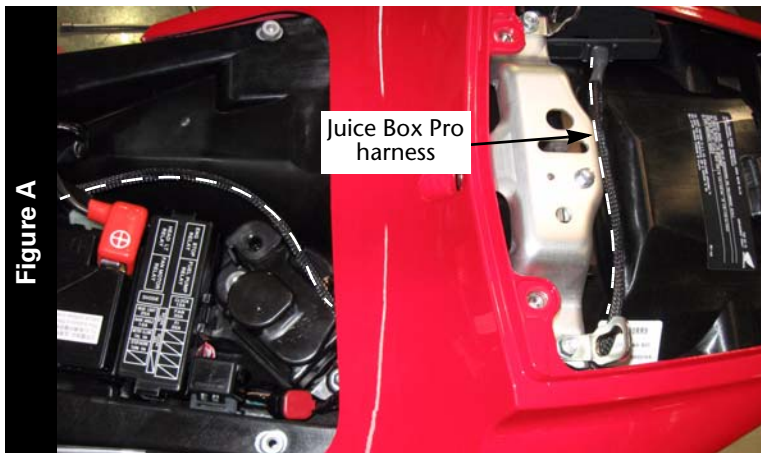
## WARNING

The ignition must be turned OFF before installation.

- 1 Remove the main seat and the passenger seat.
- 2 Remove the fuel tank cover.
- 3 Remove the left hand fairing.
- 4 Prop the fuel tank up.
- 5 Lay the Juice Box Pro in the tail section temporarily and route the harness underneath the tail section as shown in Figure A.  
Removing the four bolts holding the tail section in place will make routing the harness easier.
- 6 Route the Juice Box Pro harness towards the throttle bodies as shown in Figure B.
- 7 Attach the ground wire from the Juice Box Pro to the negative side of the battery.

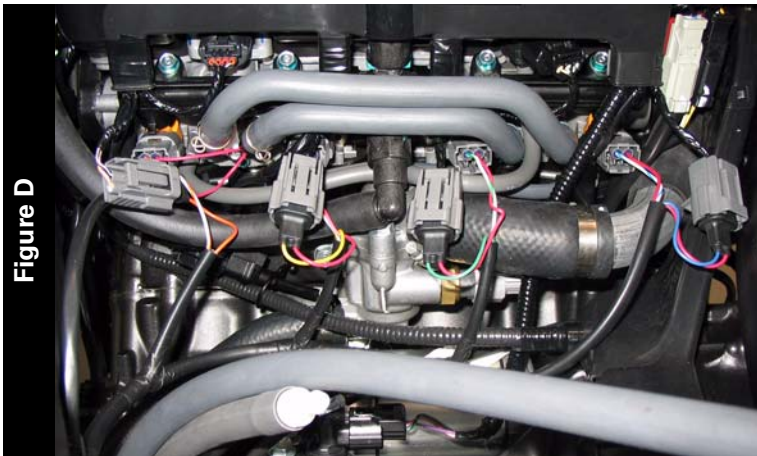
- 8 Unplug the stock wiring harness from each injector as shown in Figure C.

**Note:** This bike has lower and upper injectors. Make sure you connect the Juice Box Pro to the lower set of injectors on the throttle bodies and not the set on top of the air box.

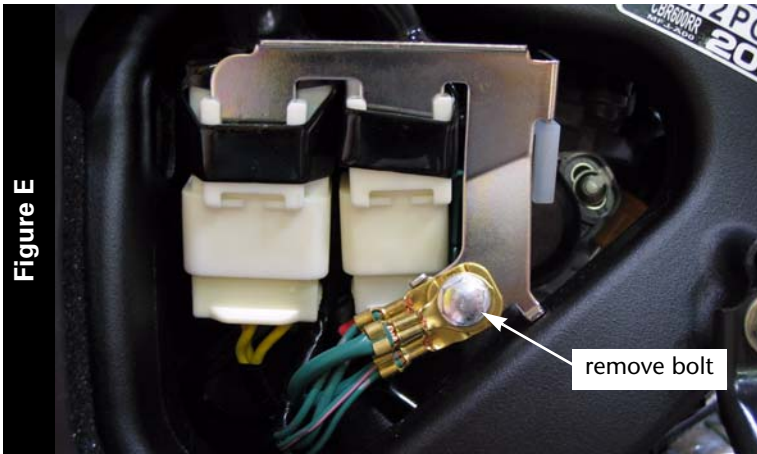




- 9 Attach the Juice Box Pro connectors to the stock injectors and stock wiring harness as shown in Figure D.



- 10 Remove the bolt holding the ground wires and bracket for the alternator connectors to the frame on the left hand side of the bike. This allows access to the throttle position sensor connector.



- 11 Unplug the stock wiring harness from the throttle position sensor (TPS) as shown in Figure F.

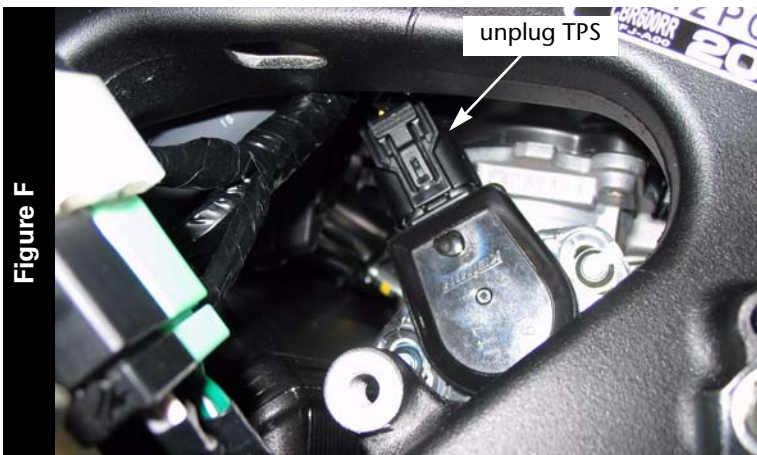


Figure G



- 12 Attach the black connectors from the Juice Box Pro to the stock TPS and wiring harness as shown in Figure G.

Figure H



- 13 Using the supplied velcro, secure the Juice Box Pro in the tail section. Make sure to clean both surfaces with the alcohol swab before attaching.
- 14 Bolt the fuel tank back into position.
- 15 Reinstall the bodywork.