2008-2013 Honda CB1000R
Z-Fi Installation Instructions
P/N F390

WARNING!

USE ONLY IN RACE OR OTHER CLOSED COURSE APPLICATIONS AND NEVER ON PUBLIC ROADS

Z-Fi products do not meet California CARB highway requirements

Parts List:

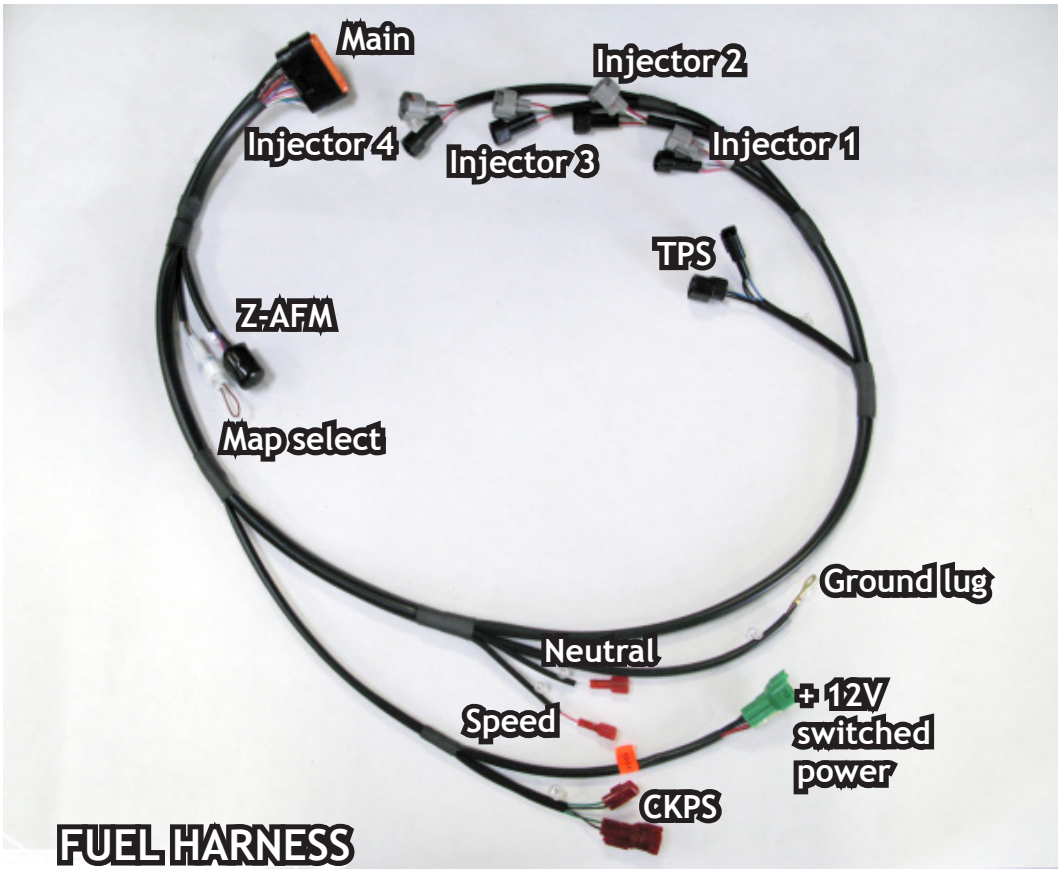
Z-Fi Control Unit
Fuel Harness
Download Z-Fi Mapper Software and its Instructions from website
O2 Eliminator
Scotchlok (2)
Cable Ties
USB Cable
Velcro
Swingarm Stickers

Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. For more specific stock component identifition and location information refer to a factory service manual.

To create the ideal map(s) we recommend using the optimal Z-AFM self-tuning module

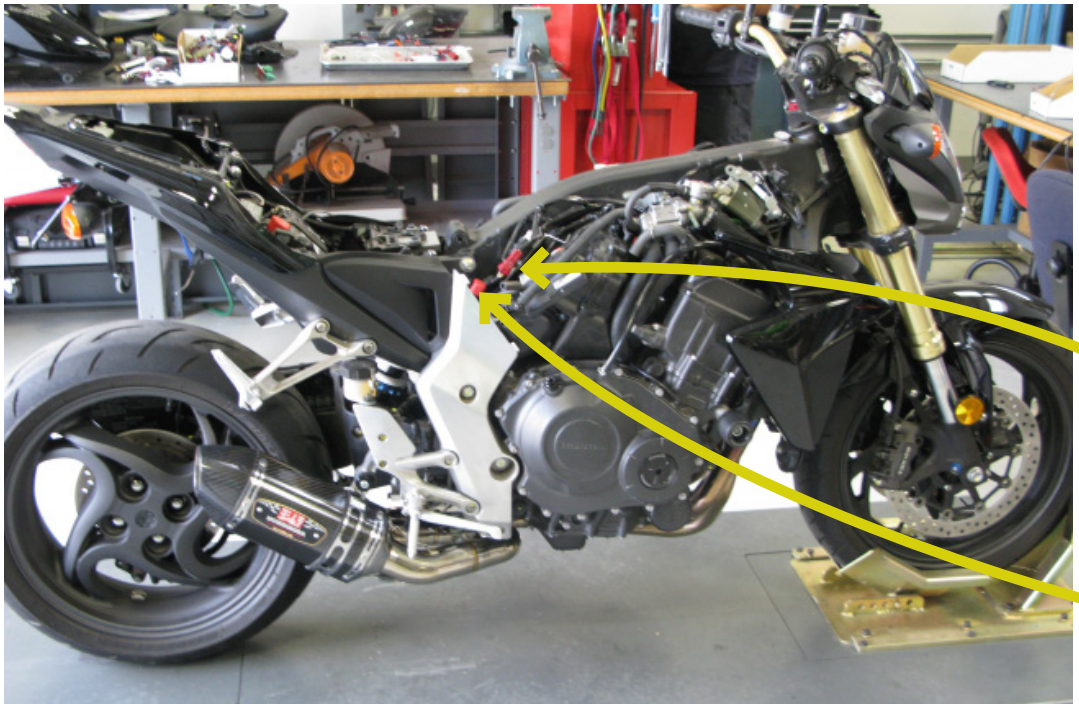
15330 Fairfield Ranch Rd., Unit E, Chino Hills, CA 91709 Phone (909) 597-8300 Fax (909)597-5580
www.Bazzaz.net

BAZZAZ HARNESS CONNECTOR IDENTIFICATION

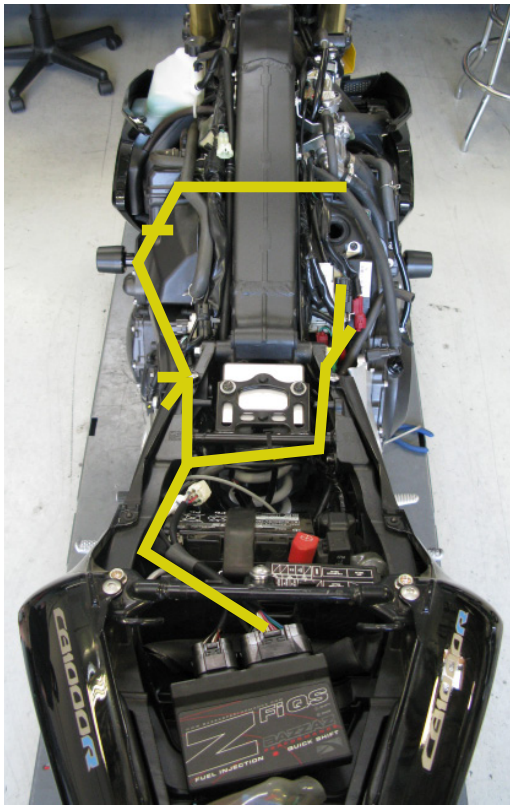


WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

1. Begin the installation by removing the rider and passenger seats, all small side panels, and the tank. Once tank is removed, unscrew the bracket that holds the ECU and the bracket that holds the radiator fill point, and remove the left side air box cover; being able to move these components out of the way will make installation easier.



2. Place control unit in the tail of the motorcycle and connect the fuel harness main connector to the control unit. Begin by routing the harness to the left of the battery. The main section of the harness will continue to route along the left side of the motorcycle, while the section containing the CKPS and power connectors will route to the right side of the motorcycle.

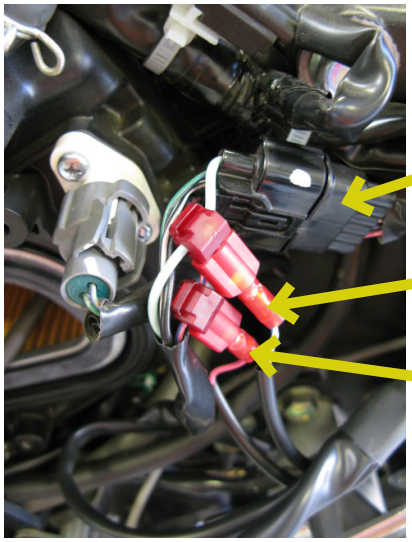


3. Locate the large black factory connector containing both the speed sensor and neutral sensor wires, just below where the subframe bolts to the frame.

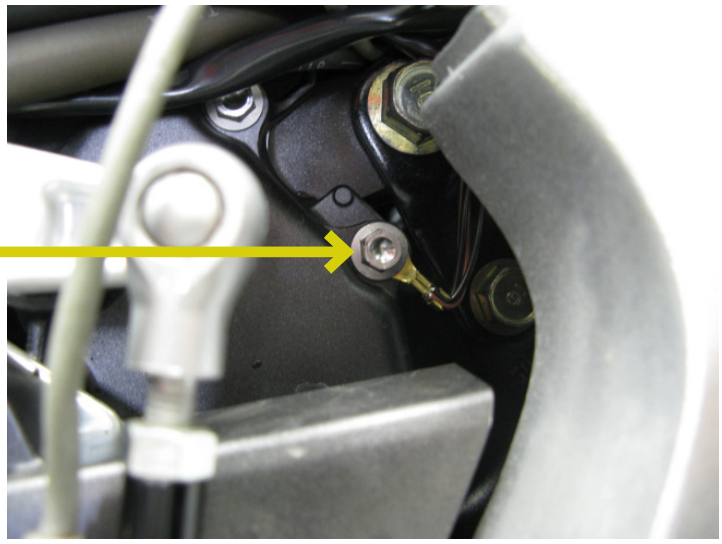
Crimp a supplied scotchlok connector onto to the pink/blue speed wire and another scotchlok onto the light green neutral wire of the factory connector.

Next insert the red Bazzaz speed connector with the pink wire into the scotchlok on the pink/blue wire.

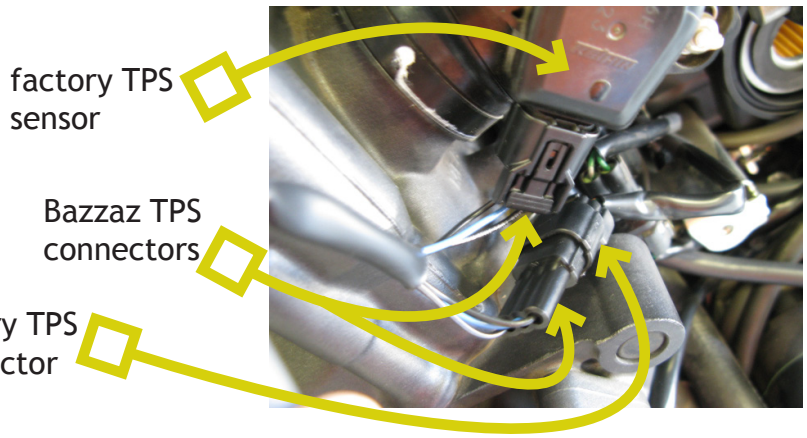
Then insert the red Bazzaz neutral connector with the white/ blue wire into the scotchlok on the light green wire.



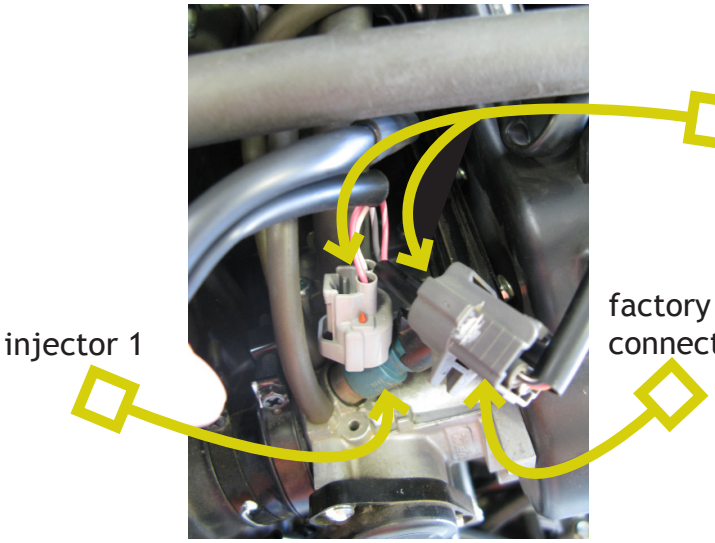
4. Find a suitable location for the Bazzaz Ground Lug, we recommend the case bolt behind the shift linkage.



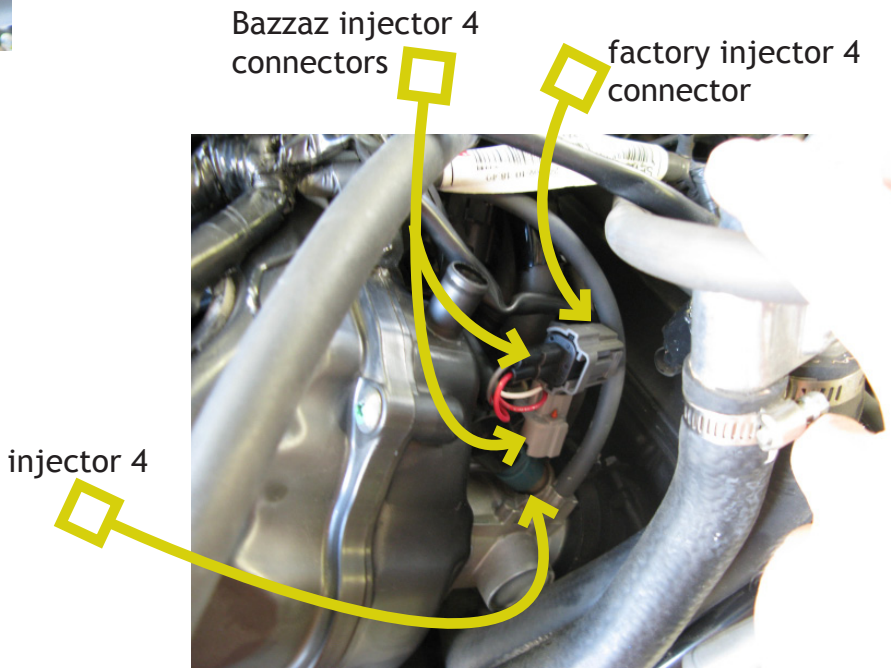
5. Continue to route the fuel harness along with the factory harness, forward to the Throttle Position Sensor (TPS) sensor which is located on the left side of the throttle bodies. Unplug the factory TPS connector and plug the Bazzaz TPS connectors inline between the factory connector and sensor.



6. Route the remainder of the fuel harness up to the row of 4 injectors located on top of the airbox. From left to right disconnect each of the factory connectors and plug the corresponding Bazzaz fuel injector connectors inline between the factory connectors and injectors.

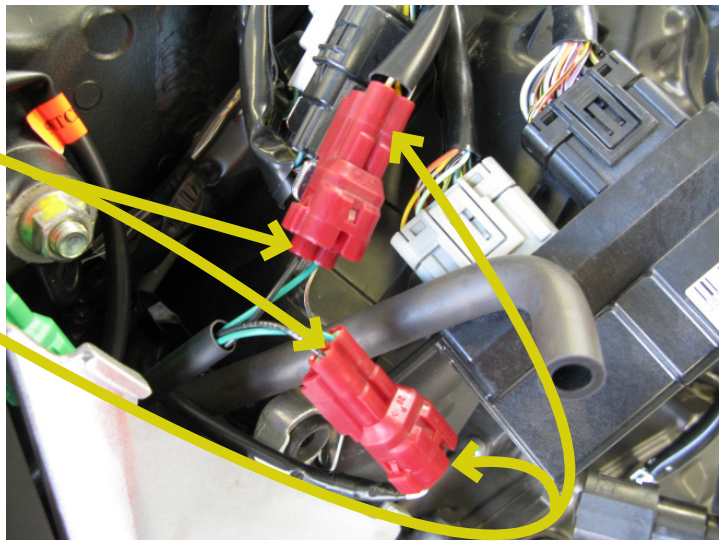


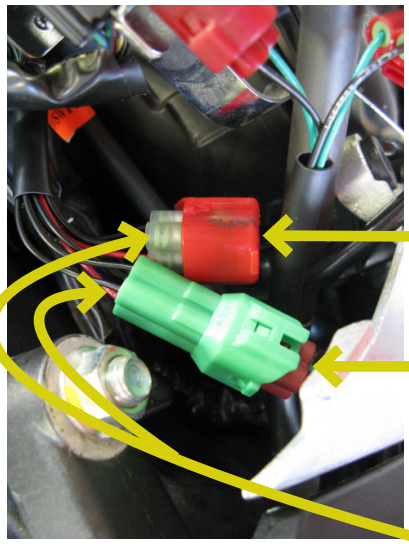
view from left side



view from right side

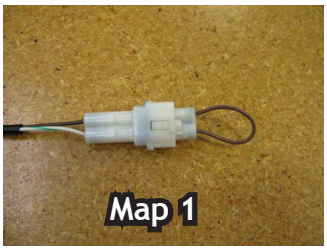
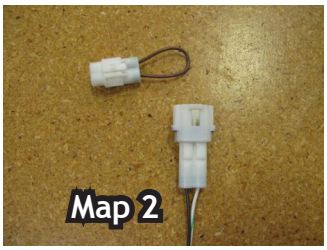
7. Now locate the red CKPS (crank position sensor) connector just to the rear of the ECU. Disconnect the factory connectors and plug the Bazzaz CKPS connectors inline between the factory CKPS connectors.





8. Next Locate the red diagnostic connector with a red cap on it. Remove the cap and plug the Bazzaz +12V switched power lead into the connector, replacing the cap onto the other side of the Bazzaz clear power connector.

9. Locate the factory O2 sensor connector, which is found under the right side rearset. Disconnect the sensor connector from the factory harness, as it will no longer be used.
The wires should be neatly secured away from any moving components, or the sensor may be removed and the remaining port/bung in the exhaust can then be plugged. Install the Bazzaz O2 eliminator in place of the factory sensor connector.

10. To complete the installation, use the supplied cable ties to secure the Bazzaz and factory harnesses neatly along its routing path free of any moving or hot components (which could cause damage or failure of the system). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Bazzaz tech support department at (909) 597-8300. After it is determined that everything is correct reinstall the components removed in step one and the installation will be complete.

*The Bazzaz Z-Fi controller is capable of storing two maps. These maps can be selected through the use of a map select switch which can be mounted on the handlebar for easy access and can be purchased separately. Or these maps can be selected by connecting or disconnecting the map select jumper supplied with kit. When the map select jumper is connected the control unit is operating using **Map 1**. When the map select jumper is disconnected the control unit is operating using **Map 2**.*