



Honda CBR1000RR 2012-2013

Z-Fi QS (Quickshift) / Z-Fi TC (Traction Control) Installation Instructions
Part #'s S344S, S344R, T344S, T344R



Parts List:

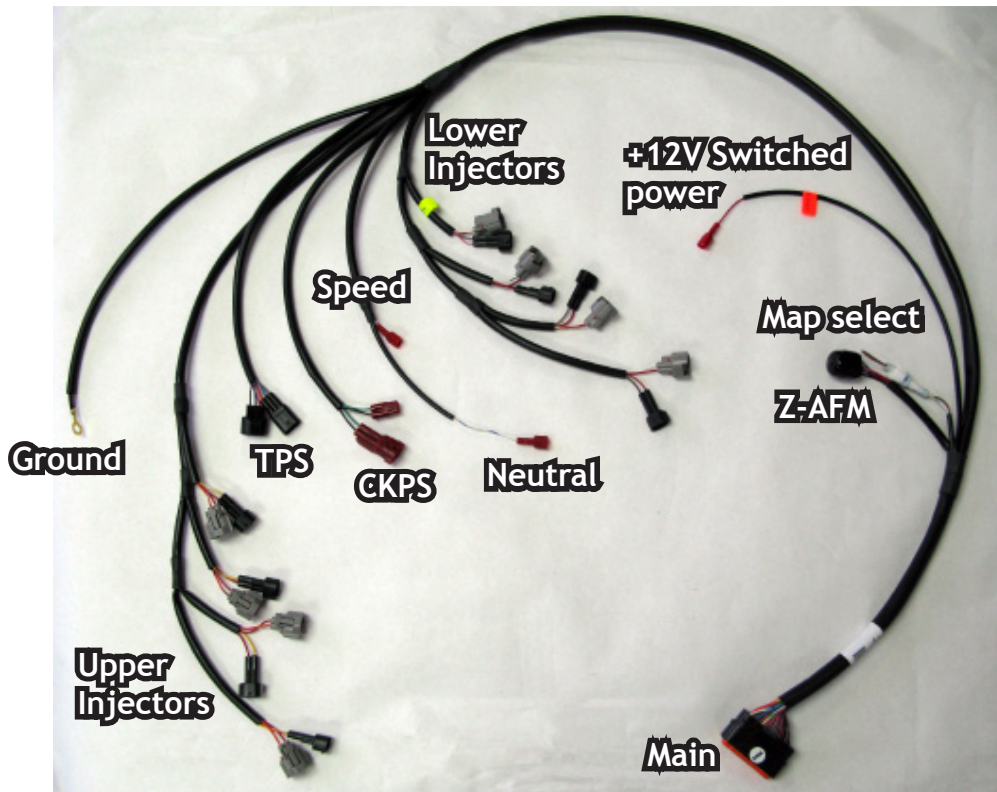
Z-Fi QS/TC Control Unit
Fuel Harness
Coil Harness
Shift Switch & Mounting Hardware
Download Z-Fi Mapper Software at www.bazzaz.net
Software instructions available at www.bazzaz.net
O2 Eliminator (1)
Scotchlok (3)
Cable Ties
Velcro
USB Cable
Swingarm Stickers

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

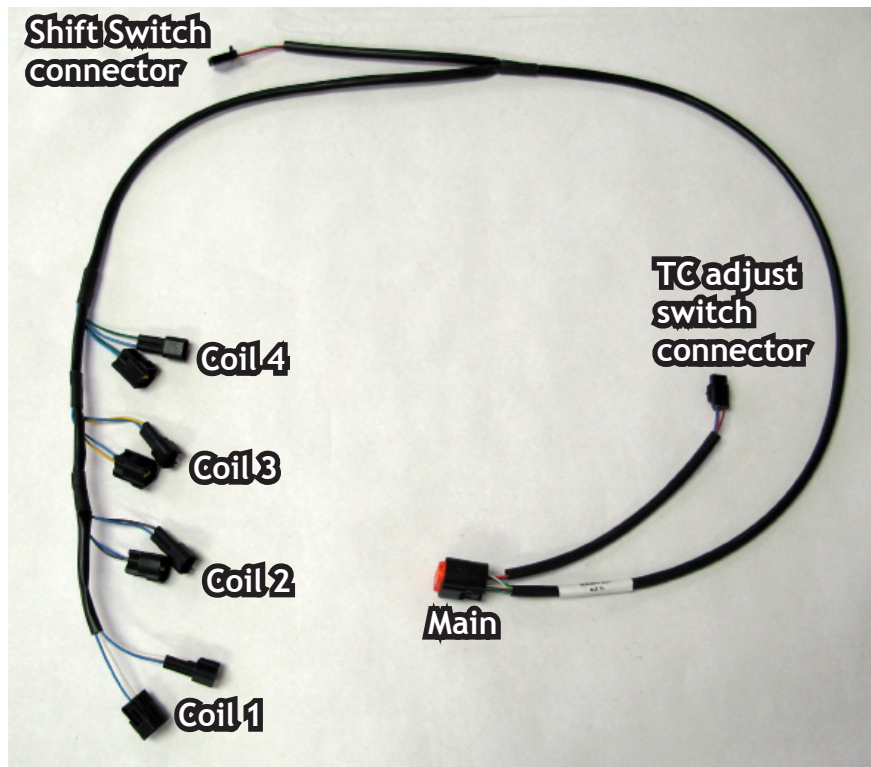
Z-Fi products are not certified by the California Air Resource Board (CARB) for use on CA highways

Contact Bazzaz tech support at 909-597-8300 for questions

BAZZAZ HARNESS CONNECTOR IDENTIFICATION



FUEL HARNESS

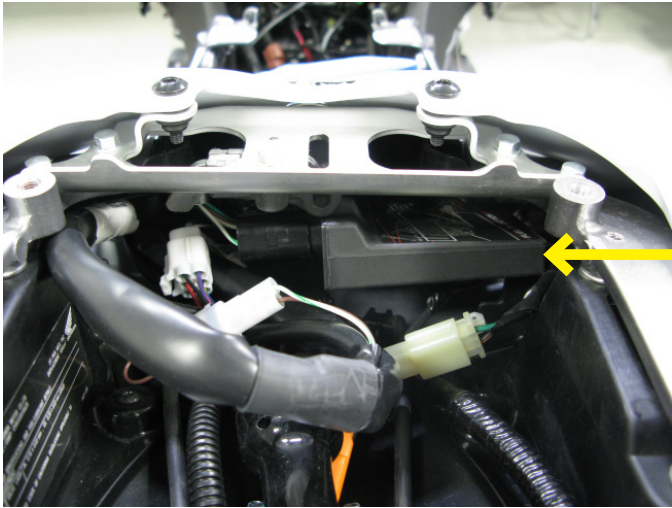


COIL HARNESS

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

WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

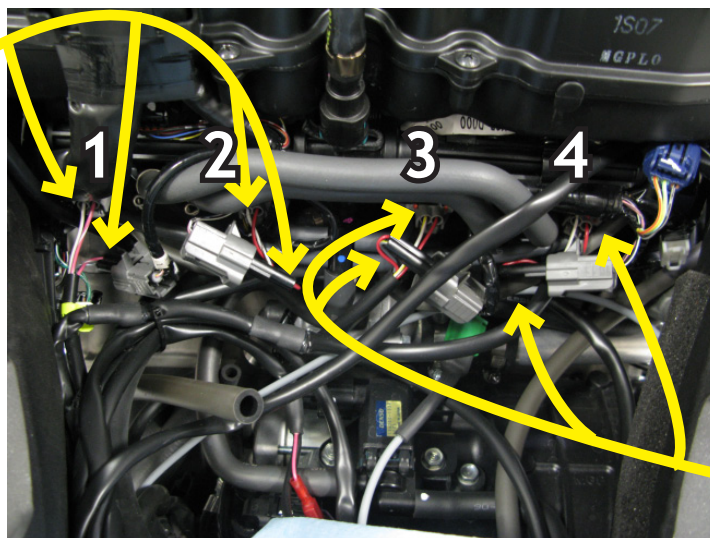
1. Begin the installation by removing the rider and passenger seats, fuel tank cover, fuel tank and airbox. Place the Bazzaz **CONTROL UNIT** in the tail section of the bike, using the supplied Velcro patch.
2. Connect the main connector of the Bazzaz **FUEL HARNESS** to the control unit and route the harness on the left hand side of the bike.



□ Bazzaz control unit

3. Route the Bazzaz harness forward and along the same path as the factory harness, in between the frame and battery and into the engine compartment. Begin installing the **LOWER INJECTORS** (lead with green label) starting from left to right by disconnecting the factory injector connectors. Plug the Bazzaz injector connectors inline between the factory connectors and injectors.

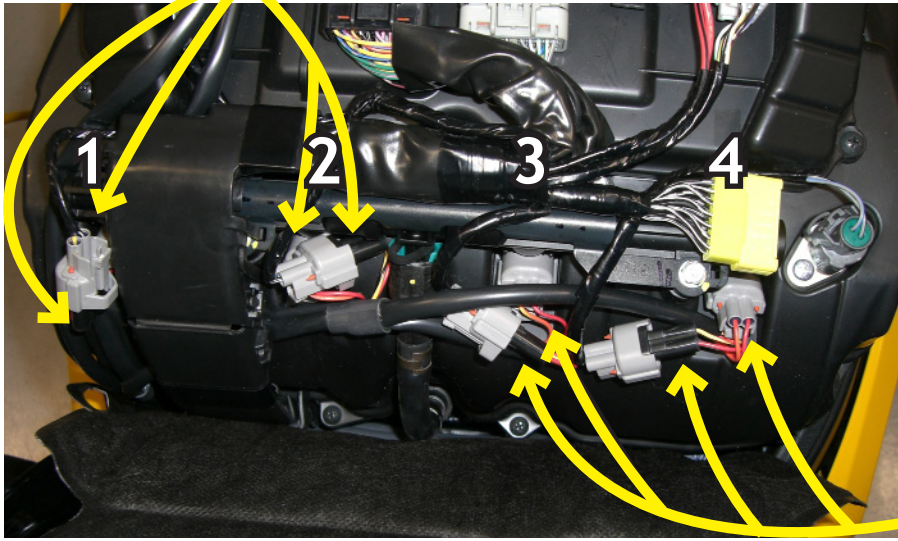
□ Bazzaz lower injector connectors plugged inline with the factory injectors & connectors



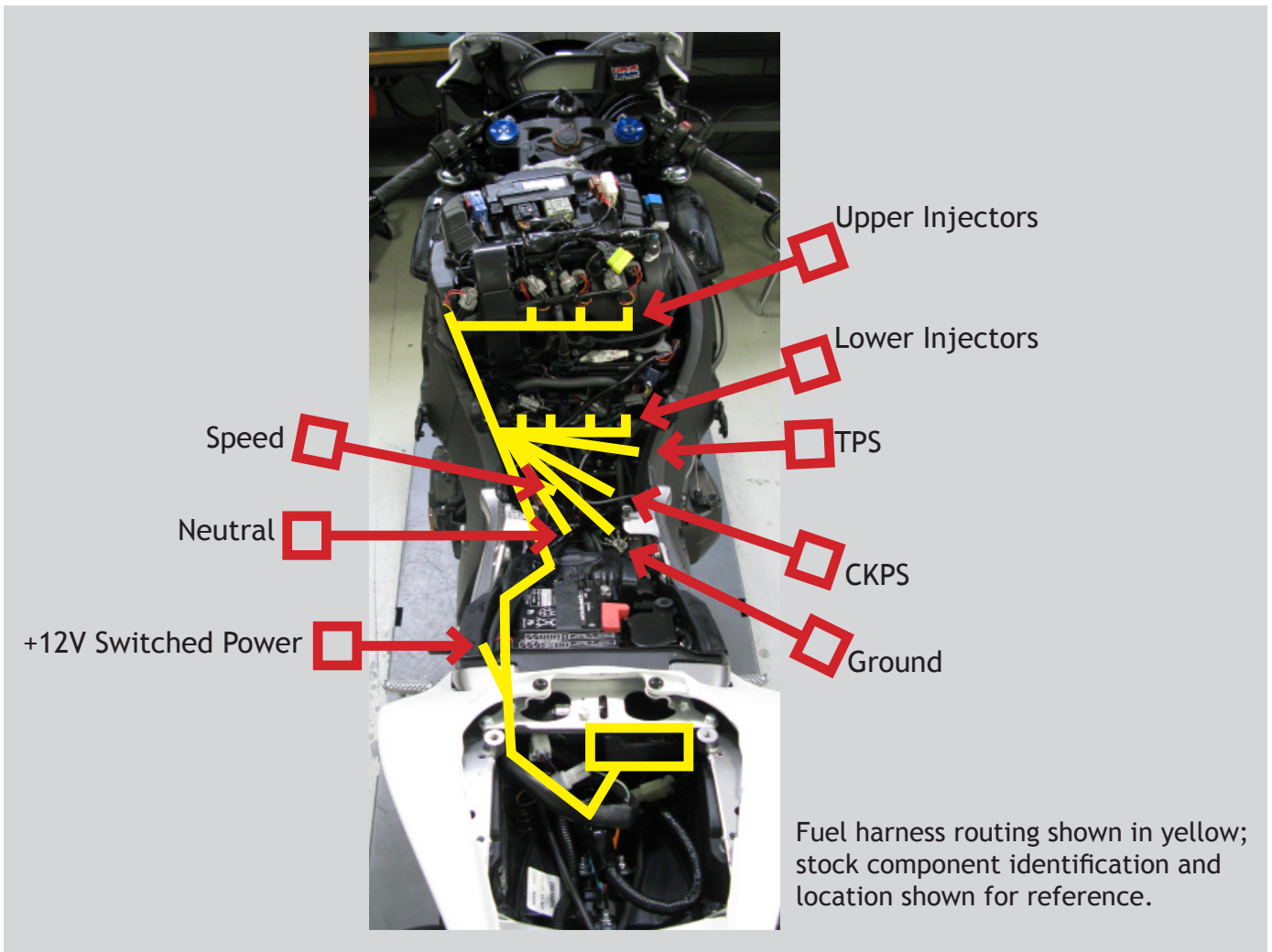
□ Bazzaz lower injector connectors plugged inline with the factory injectors & connectors

4. Now route the portion of the Bazzaz harness with the **UPPER INJECTOR** connectors to the top of the airbox. Disconnect the far left injector and plug the Bazzaz connectors inline with the factory connector and injector. Then route the remaining injector connectors in between the factory harness and airbox. Repeat the same process by disconnecting the factory injector connectors and plugging the Bazzaz injector connectors inline between the factory connectors and injectors.

Bazzaz upper injector connectors plugged inline with the factory injectors & connectors

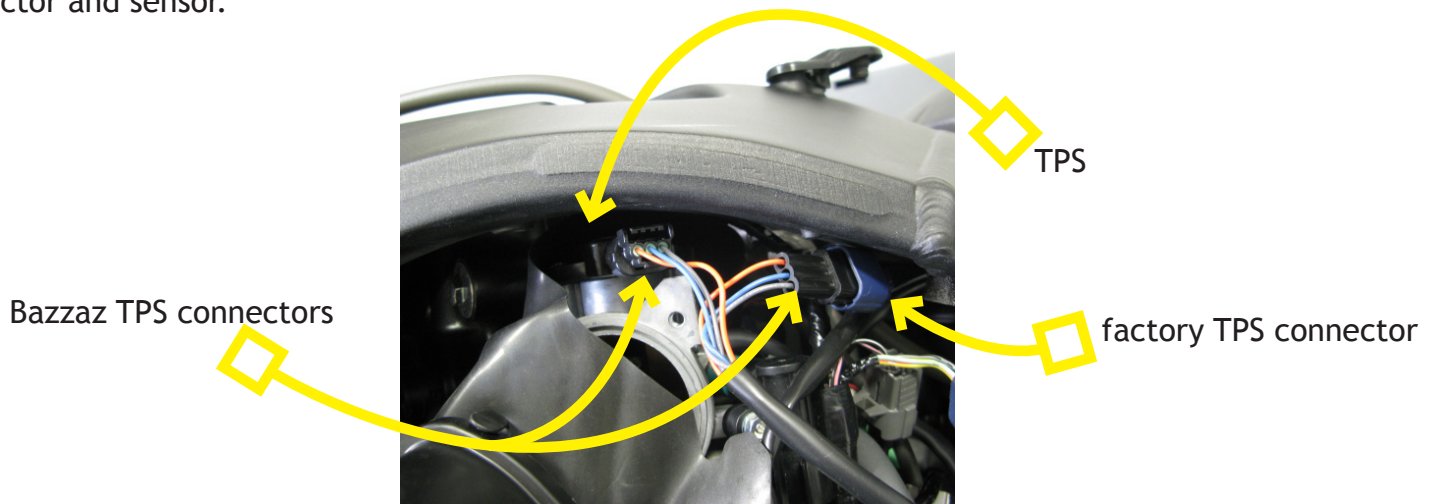


Bazzaz upper injector connectors plugged inline with the factory injectors & connectors

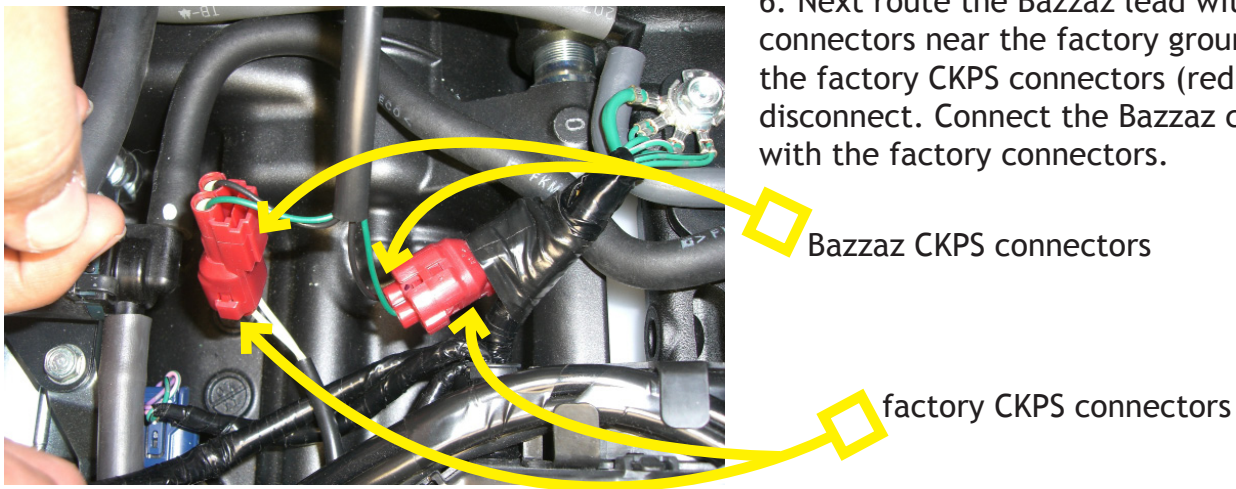


Fuel harness routing shown in yellow; stock component identification and location shown for reference.

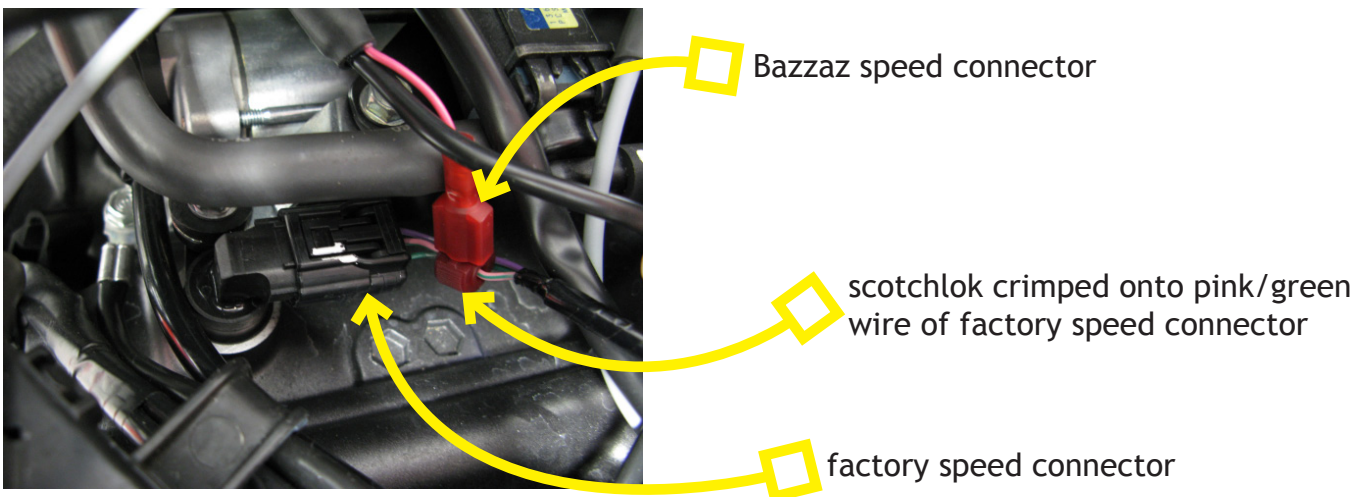
5. Locate the Throttle Position Sensor (TPS) on the right side of the throttle bodies. Disconnect the factory TPS connector from the sensor and connect the Bazzaz TPS connectors in line between the factory connector and sensor.



6. Next route the Bazzaz lead with the CKPS connectors near the factory ground lug area. Locate the factory CKPS connectors (red connectors) and disconnect. Connect the Bazzaz connectors in line with the factory connectors.

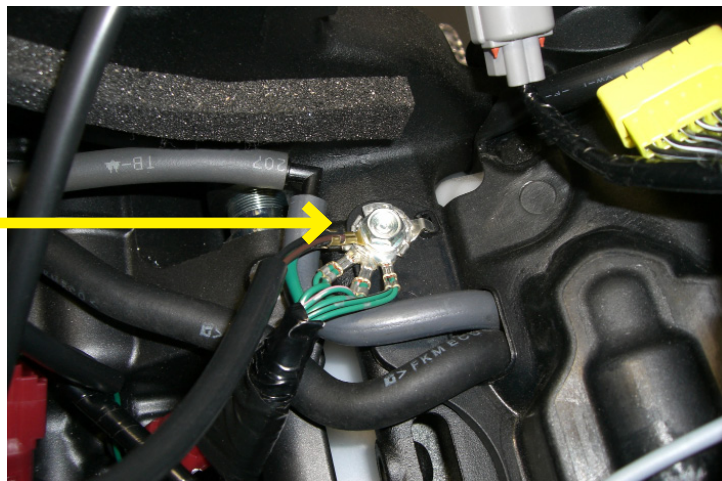


7. Locate the factory SPEED connector on the left side and below the throttle bodies. Crimp a supplied scotchlok onto the center, pink/green wire of the factory speed connector and insert the Bazzaz speed connector into the scotchlok.



8. Attach the Bazzaz **GROUND** lug to a solid chassis ground.

Bazzaz ground lug

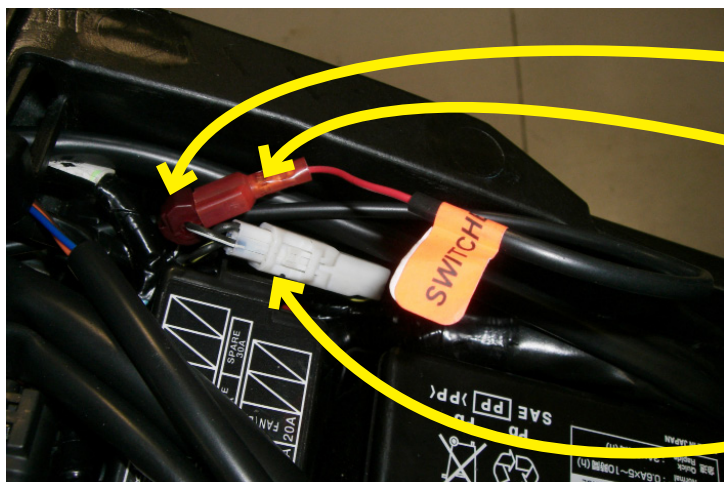


9. Locate the factory tail light connector and crimp a supplied scotchlok onto the **black/white** wire of the connector. Now insert the Bazzaz **POWER** connector into the scotchlok.

scotchlok crimped onto black/white wire of factory tail light connector

Bazzaz power connector

factory tail light connector

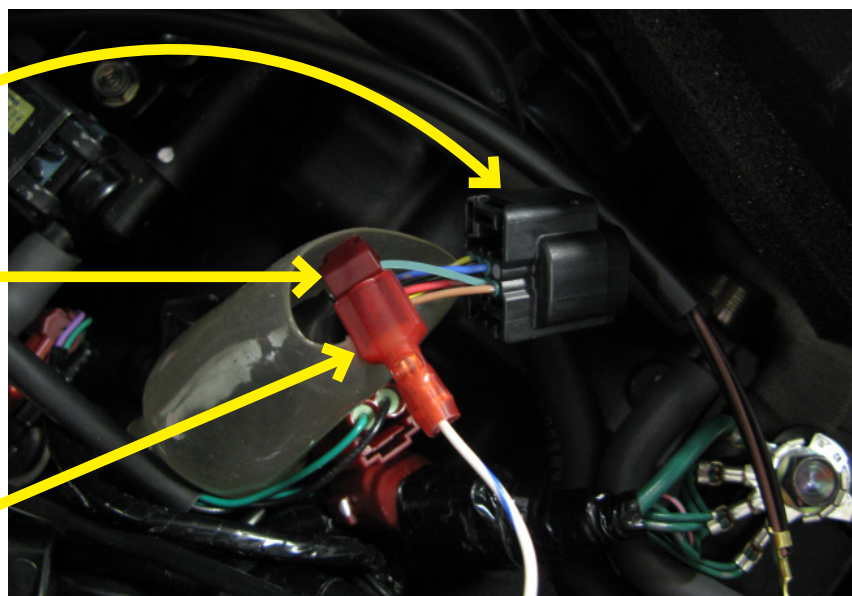


10. Locate the 8 pin factory GPS connector and push back the rubber shroud in order to get access to the connector. Crimp a supplied scotchlok onto the **light green** wire of the GPS connector and insert the Bazzaz **NEUTRAL** connector into the scotchlok.

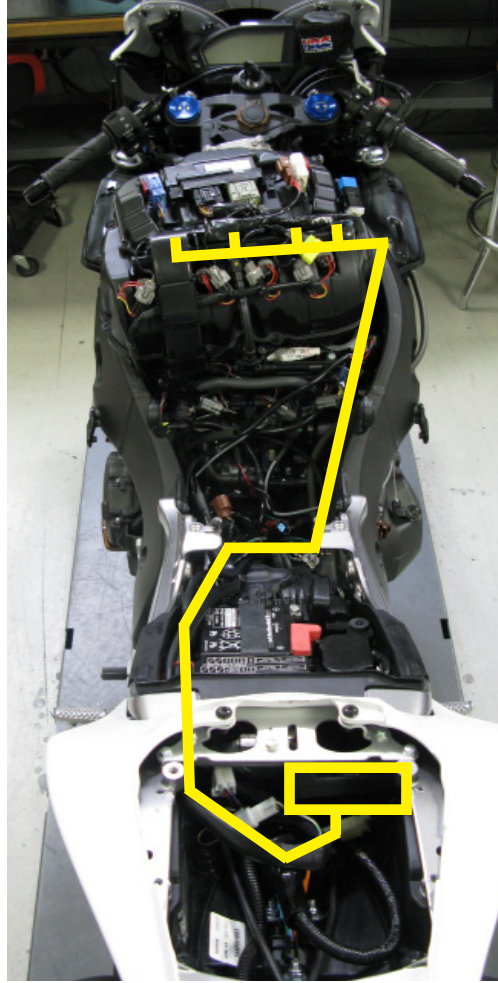
factory GPS connector

scotchlok crimped onto light green wire of factory GPS connector

Bazzaz neutral connector

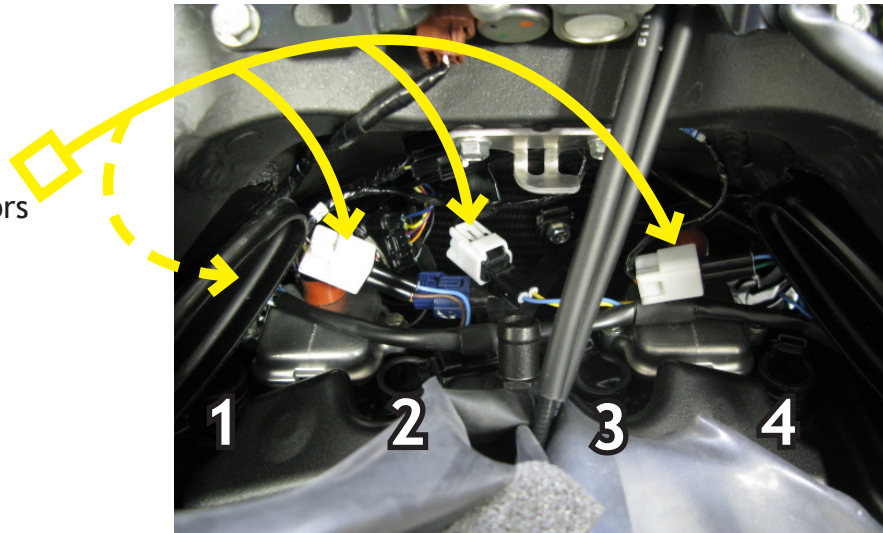


11. Connect the main connector of the Bazzaz **COIL HARNESS** to the control unit. Begin routing the coil harness (shown in yellow) along the same path as the fuel harness and then around the right side of the throttle bodies and up to the front of the motor where the coils are located.



12. Beginning from right to left, start with the bazzaz **COIL CONNECTORS** with the green wire. Disconnect each factory coil connector and plug the Bazzaz coil connectors inline with the factory connectors.

Factory coil connectors inline with the Bazzaz coil connectors



13. Now you will begin the installation of the **SHIFT SWITCH**; start by removing the factory shift rod and install the Bazzaz shift switch on the upper shift linkage. The supplied shift rod may have to be cut shorter depending on your shift pedal height preference. Once correct length is attained, install Bazzaz **SHIFT ROD** by screwing it into place between the Bazzaz shift switch and the lower shift linkage. Secure components by tightening the 10mm nuts. Now route the shift switch connector up to the mating connector on the Bazzaz coil harness.

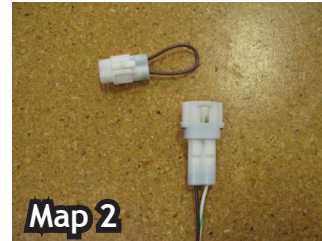
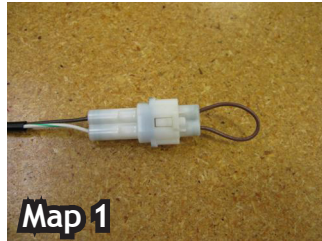


14. Next you will need to disconnect the factory O2 sensor. The O2 sensor connector can easily be found by tracing the O2 sensor wire up from where the sensor is mounted in the exhaust. This sensor will no longer be used; the wires should be neatly secured away from any moving components, or the sensor 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 and attach the O2 eliminator ground lug to a chassis ground.

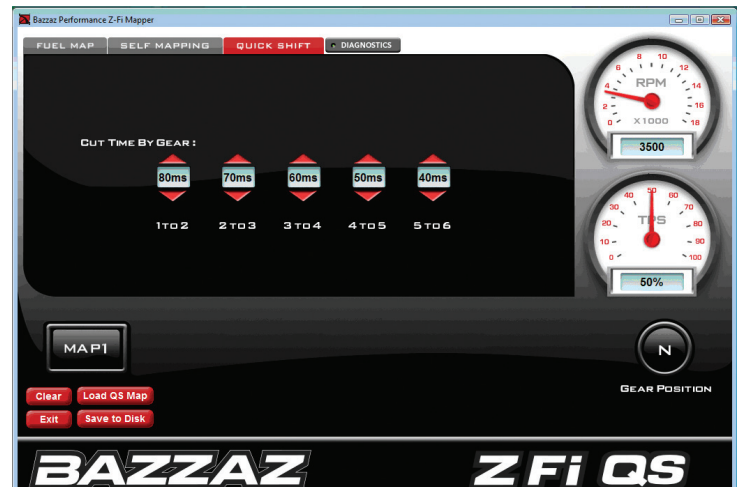
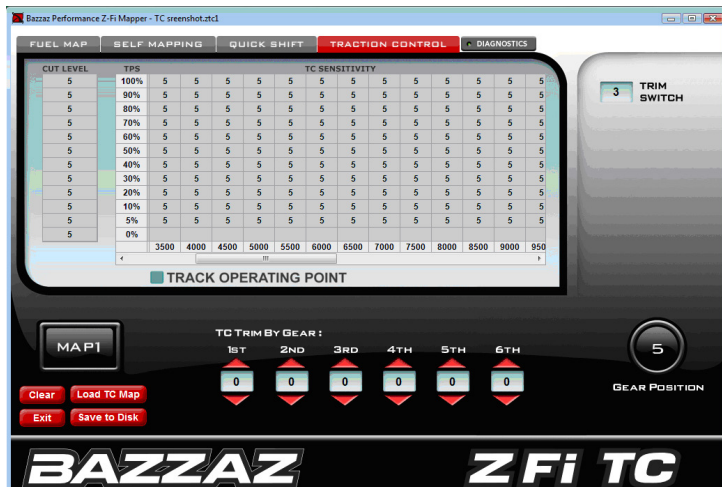
15. To complete the installation, use the supplied cable ties to secure the harnesses neatly along the routing path free of any moving or hot components (which could cause damage or failure of the system). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call **Bazzaz tech support 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. Take care when reinstalling the fuel tank as to not pinch the harnesses or the fuel line.

The Bazzaz controller is capable of storing two maps. These maps can be selected by connecting or disconnecting the map select jumper supplied with the kit. Or these maps can be selected through the use of the map select switch which can be mounted on the handlebar for easy access and can be purchased separately. 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.

Upon installing the system, verify you have selected the proper map. The control unit supplied with this kit has been pre-programmed with two slip-on fuel maps. Map 1 is intended for use with the 09-11 CBR1000. Map 2 is intended for use with the 2012 CBR1000.



Don't forget to download the Z-Fi Mapper software from www.bazzaz.net (under the software tab) so that you can adjust your fuel map, QS, or TC settings (depending on the product you purchased). You will also need access to the Z-Fi Mapper software if you will be using the Z-AFM self-mapping kit.



Accessories you may be interested in to ENHANCE your Bazzaz experience

Z-AFM™ | Tuning Technology (for use with all Bazzaz fuel control units)

Quickly collect data to build ideal, self-made fuel maps while riding. [Part No. 127062]



Map Select Switch (for use with the Z-Fi, Z-Fi MX, Z-Fi QS and Z-Fi TC)

The Bazzaz Map Select Switch is a handlebar-mounted switch for convenient toggling between two maps held on the Bazzaz unit. For example, rider can toggle between a fuel efficient map, rain map, or a full power map. [Part No. 127078]



Traction Control / Map Select Switch (for use with Z-Fi TC only)

The Bazzaz TC Adjust Switch is a handlebar-mounted switch for easy, on the fly, traction control adjustments and map switching. Quickly adjust traction control settings (a great way to learn TC), or switch off, using a 10-point dial. Also toggle between two maps held on the Bazzaz unit (e.g. rain map, fuel economy map, etc.) on the fly. [Part No. 127079]



Traction Control Active Light (for use with Z-Fi TC)

TC Active Light illuminates when traction control is engaged. Helpful in determining when and where traction control is being actuated. [Part No.M842]

