Z-Fi Installation Instructions
Part F344

Parts List:

Z-Fi Control Unit
Fuel Harness
Download Z-Fi Mapper Software at **www.bazzaz.net**
Software instructions available at **www.bazzaz.net**
O2 Eliminator (1)
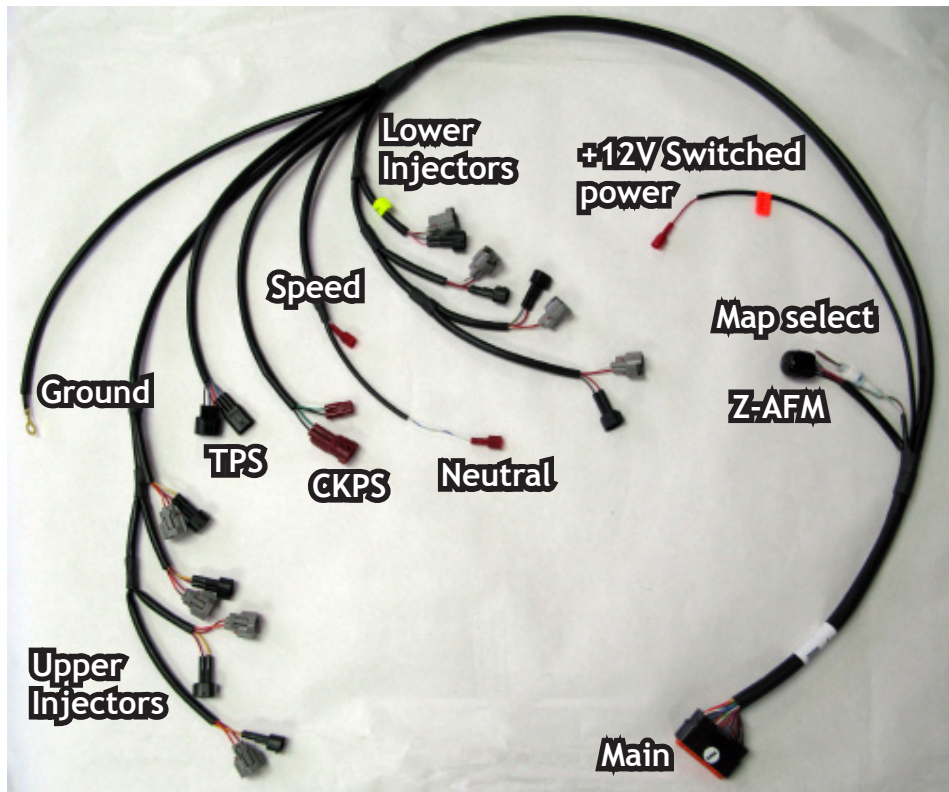Scotchlok (3)
Cable Ties
Velcro
USB Cable
Swingarm Stickers

BAZZAZ HARNESS CONNECTOR IDENTIFICATION

FUEL HARNESS

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.
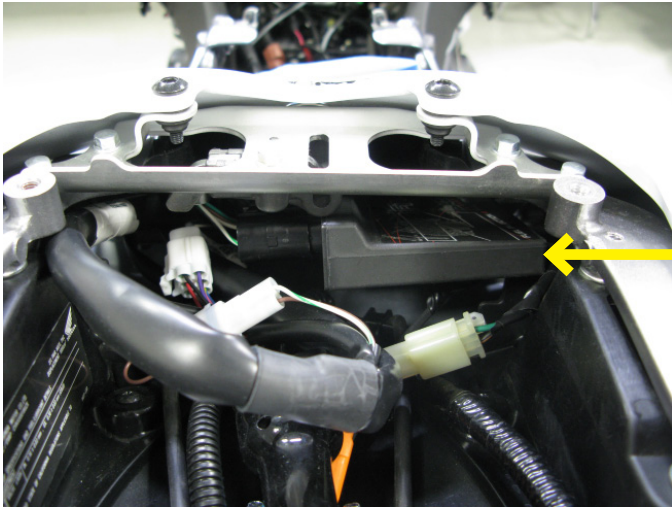
Bazzaz control unit

3. Route the Bazzaz harness foward 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
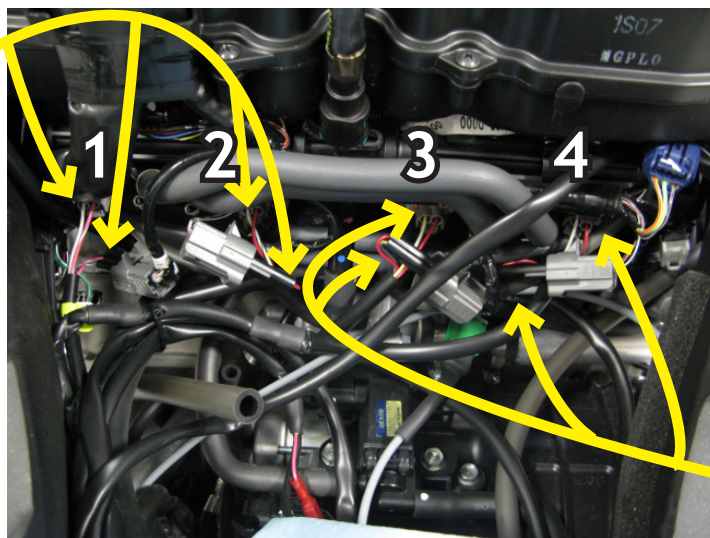
Bazzaz lower injector connectors plugged inline with the factory injectors & connectors

Bazzaz upper injector connectors plugged inline with the factory injectors & connectors
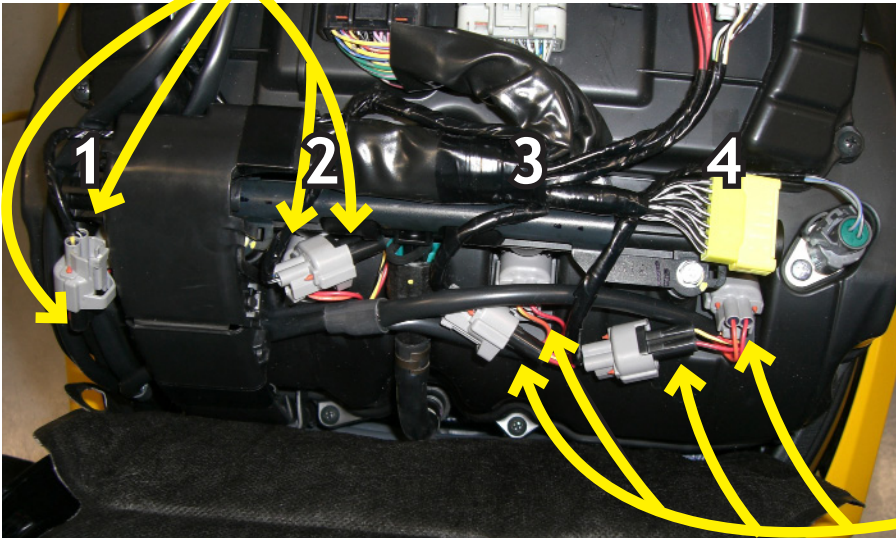
1   2   3   4

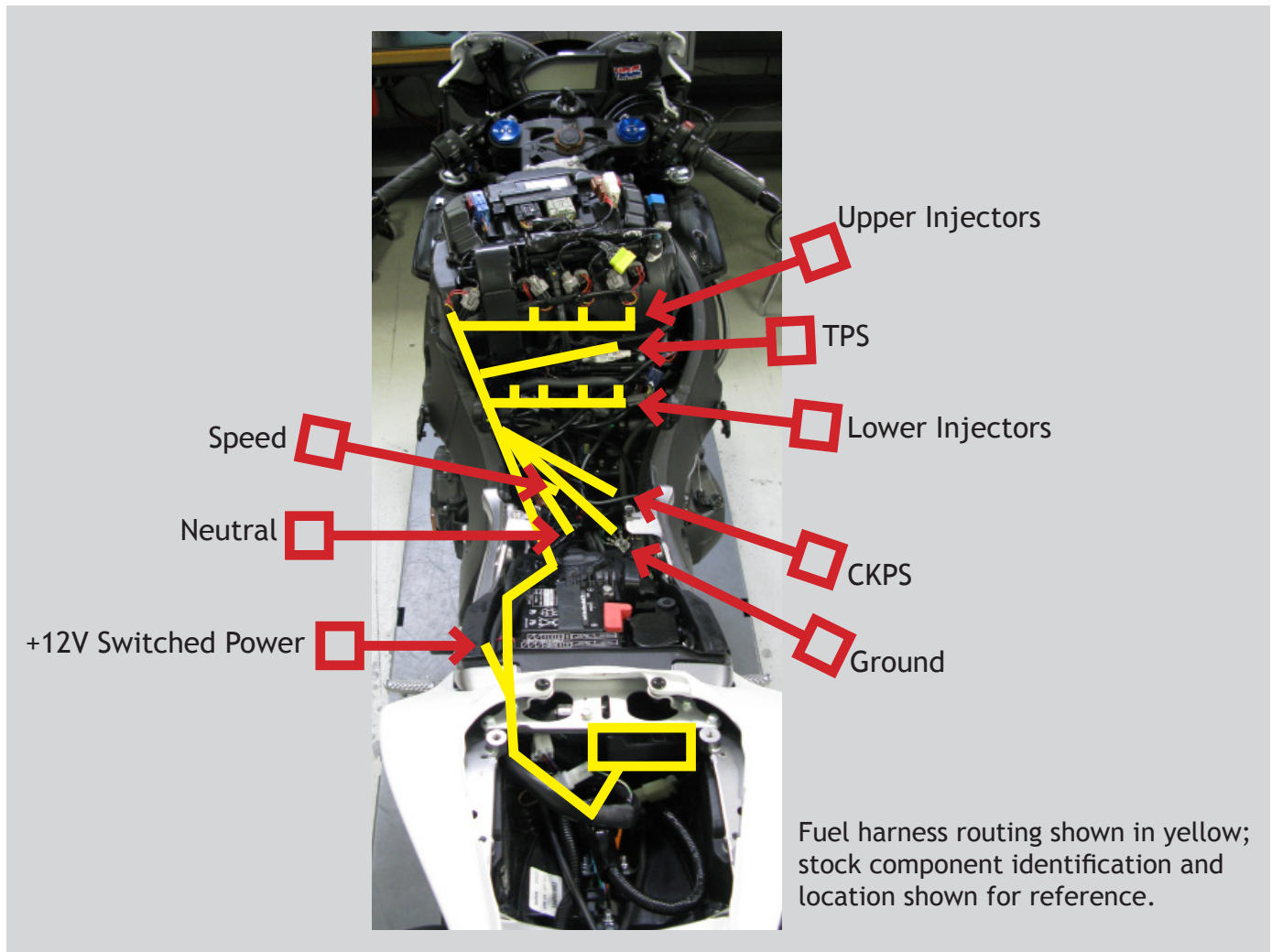Bazzaz upper injector connectors plugged inline with the factory injectors & connectors

Upper Injectors

TPS

Lower Injectors

Speed

Neutral

CKPS

+12V Switched Power

Ground

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 inline between the factory connector and sensor.

TPS

Bazzaz TPS connectors

factory TPS connector
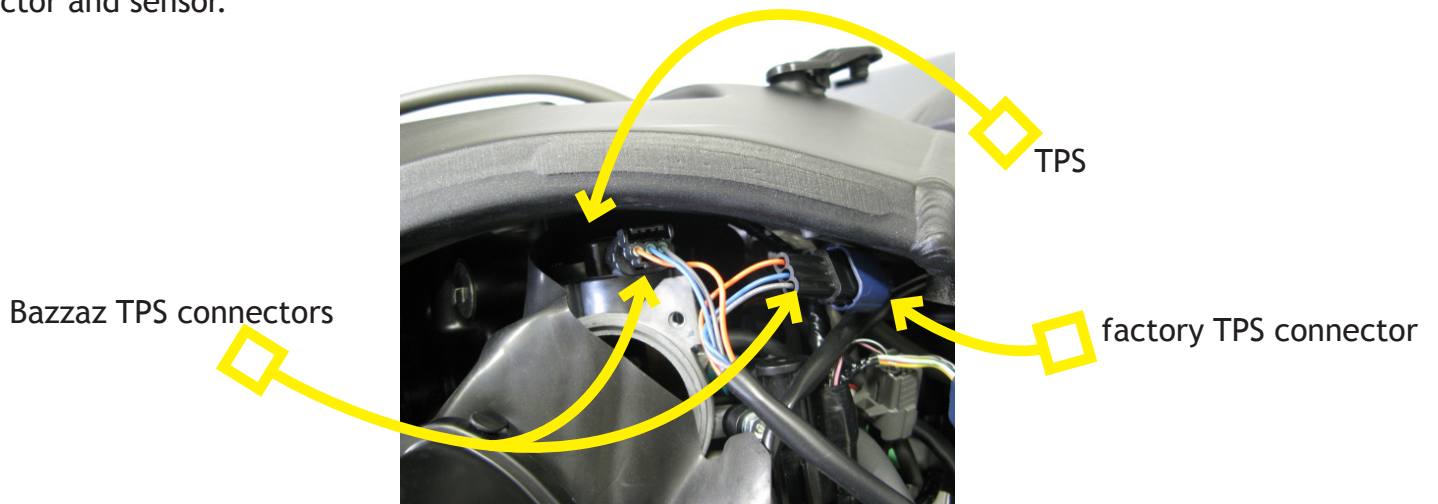
6. Next route the Bazzaz lead with the **CKPS** connectors near the factory ground lug area. Locate the factory CKPS connectors (red connectors) and disconnect. Connect the Bazzaz connectors inline with the factory connectors.

Bazzaz CKPS connectors

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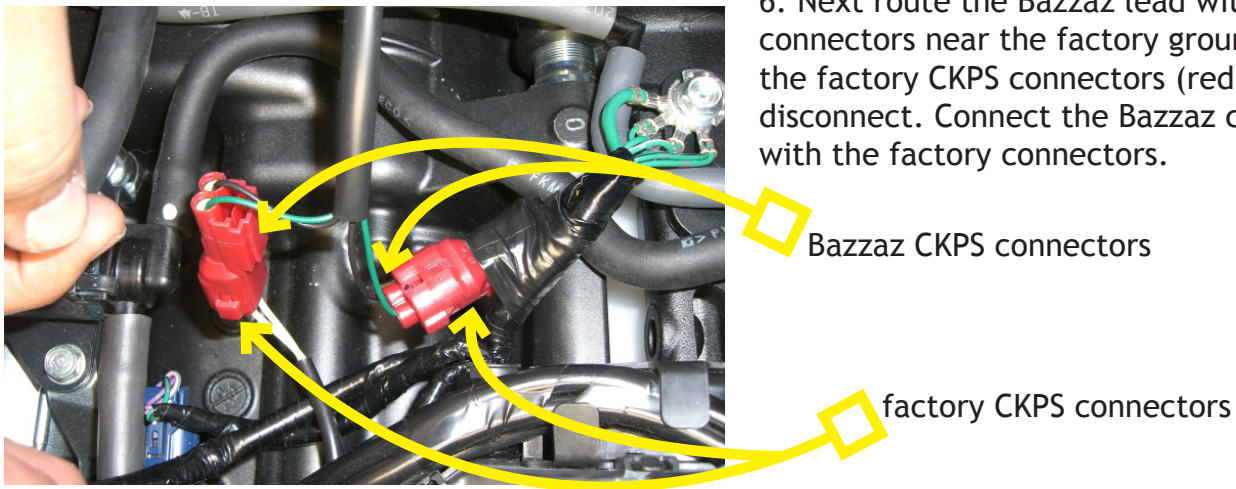
7. Locate the factory **SPEED** connector on the left side and below the throttle bodies. Crimp a supplied scotchlok onto the center, pink/green wire of the factory speed connector and insert the Bazzaz speed connector into the scotchlok.

Bazzaz speed connector

scotchlok crimped onto pink/green wire of factory speed connector

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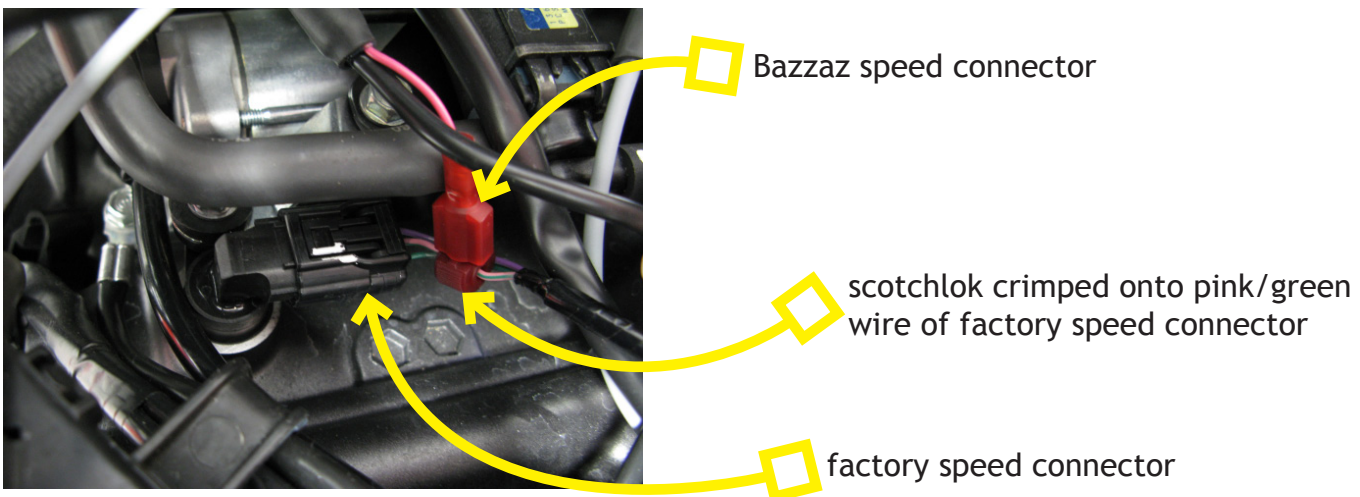
8. Attach the Bazzaz **GROUND** lug to a solid chassis ground.

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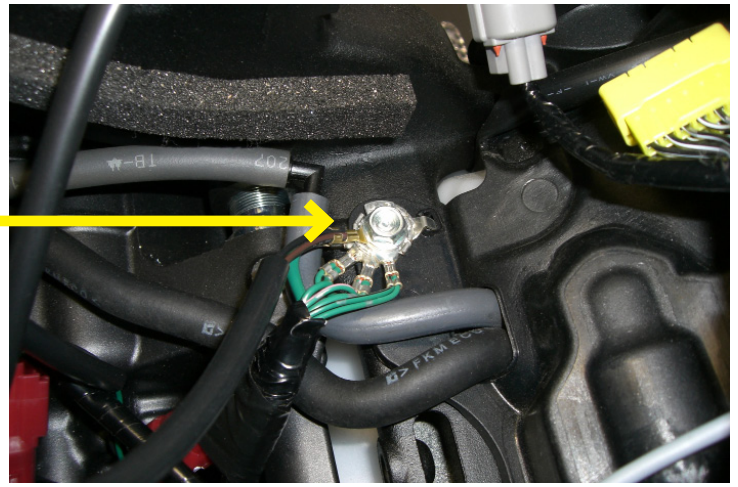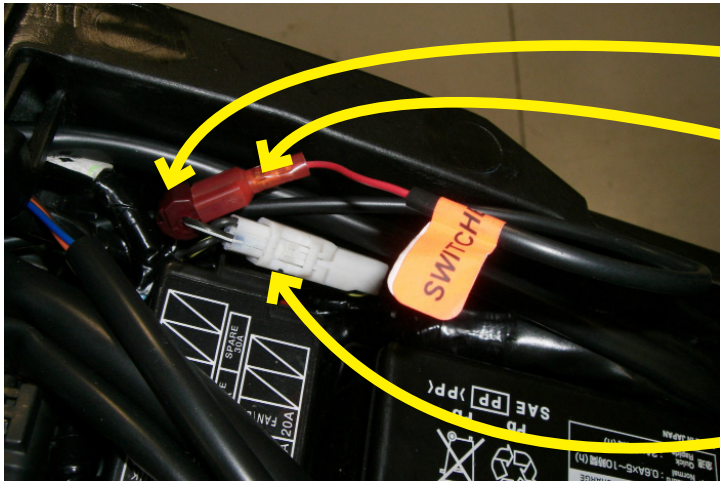
9. Locate the factory tail light connector and crimp a supplied scotchlok onto the <mark>black/white</mark> wire of the connector. Now insert the Bazzaz **POWER** connector into the scotchlok.

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 <mark>light green</mark> 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
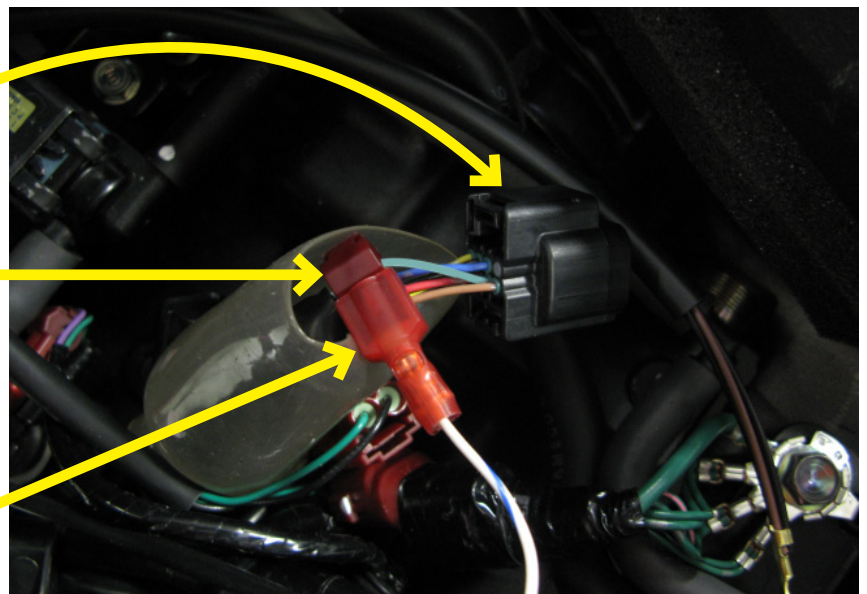
11. Next you will need to disconnect the factory O2 sensor. The O2 sensor connector can easily be found by tracing the O2 sensor wire up from where the sensor is mounted in the exhaust. This sensor will no longer be used; the wires should be neatly secured away from any moving components, or the sensor 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.

12. To complete the installation, use the supplied cable ties to secure the harness 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.

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.

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 '12-'13 CBR1000. For 2014 CBR1000 SP models, please visit http://www.bazzaz.net/index.php/honda/cbr1000rr-12-14 and click Fuel Map 2 and save the file to your computer. Connect your control unit to your computer via the included USB cable. Next, open the Bazzaz Z-Mapper software and click "Load". You will then select the fuel map ile that you downloaded from our website. Your new map will now be saved to your control unit.

Map 1

Map 2
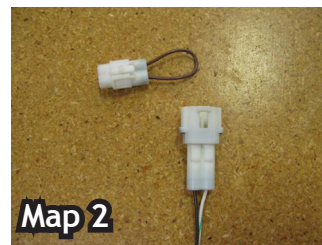
Accessories you may be interested in to ENHANCE your Bazzaz experience

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]