Yamaha FZ8 2010-2013
Yamaha FZ1 2006-2013

Z-Fi Quickshift / Z-Fi Traction Control Installation Instructions

Part #'s S791S, S791R, T791S, T791R

In order to fit the Bazzaz reverse quickshift on this application, aftermarket rearsets must be used

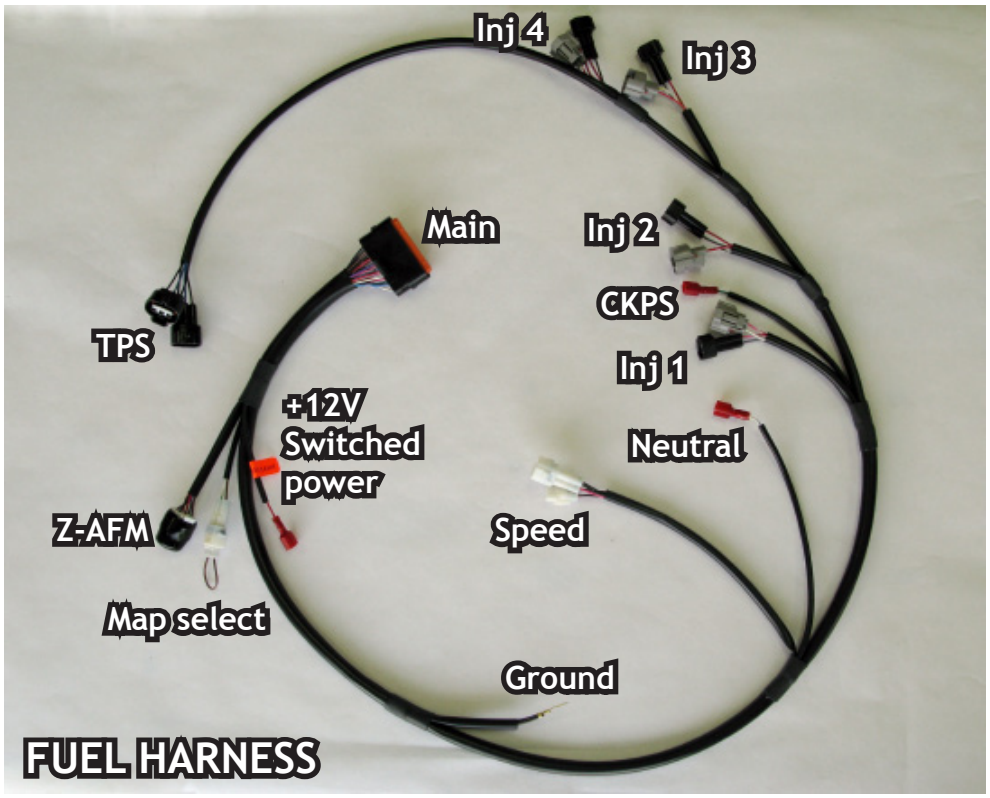
Parts List:

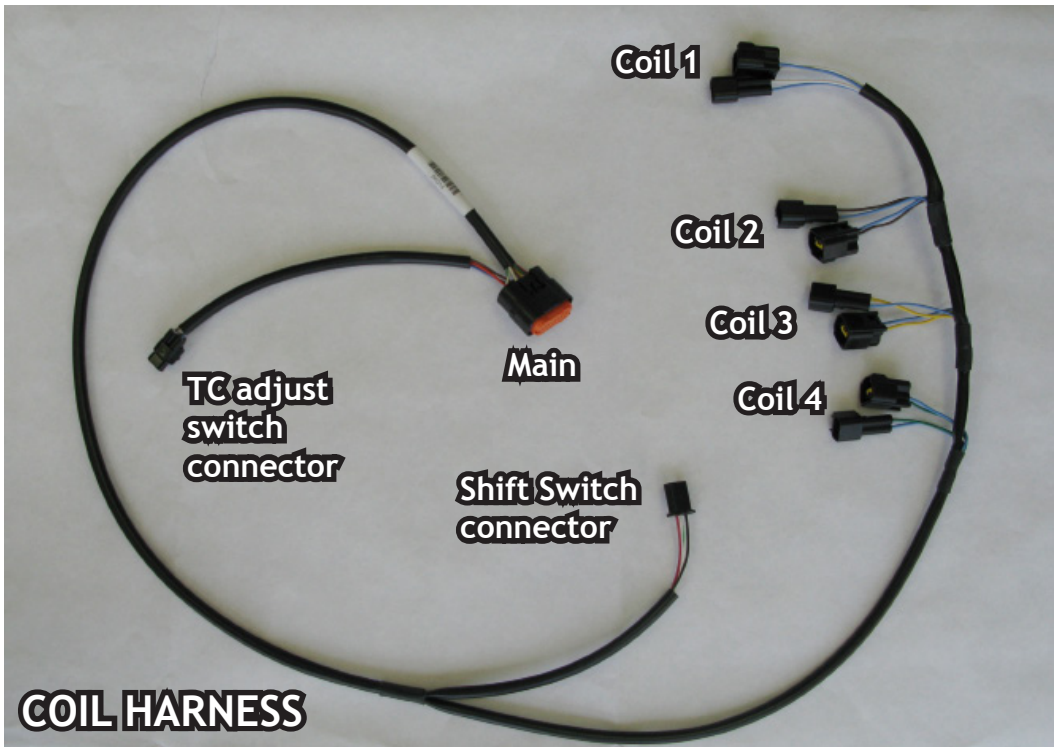
Z-Fi TC/QS Control Unit
Fuel Harness
Coil Harness
Shift Switch & Mounting Hardware
Download Z-Fi Mapper Software at **www.bazzaz.net**
Software instructions available at **www.bazzaz.net**
Scotchlok (3)
Cable Ties
Velcro
USB Cable
Swingarm Stickers

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

BAZZAZ HARNESS CONNECTOR IDENTIFICATION



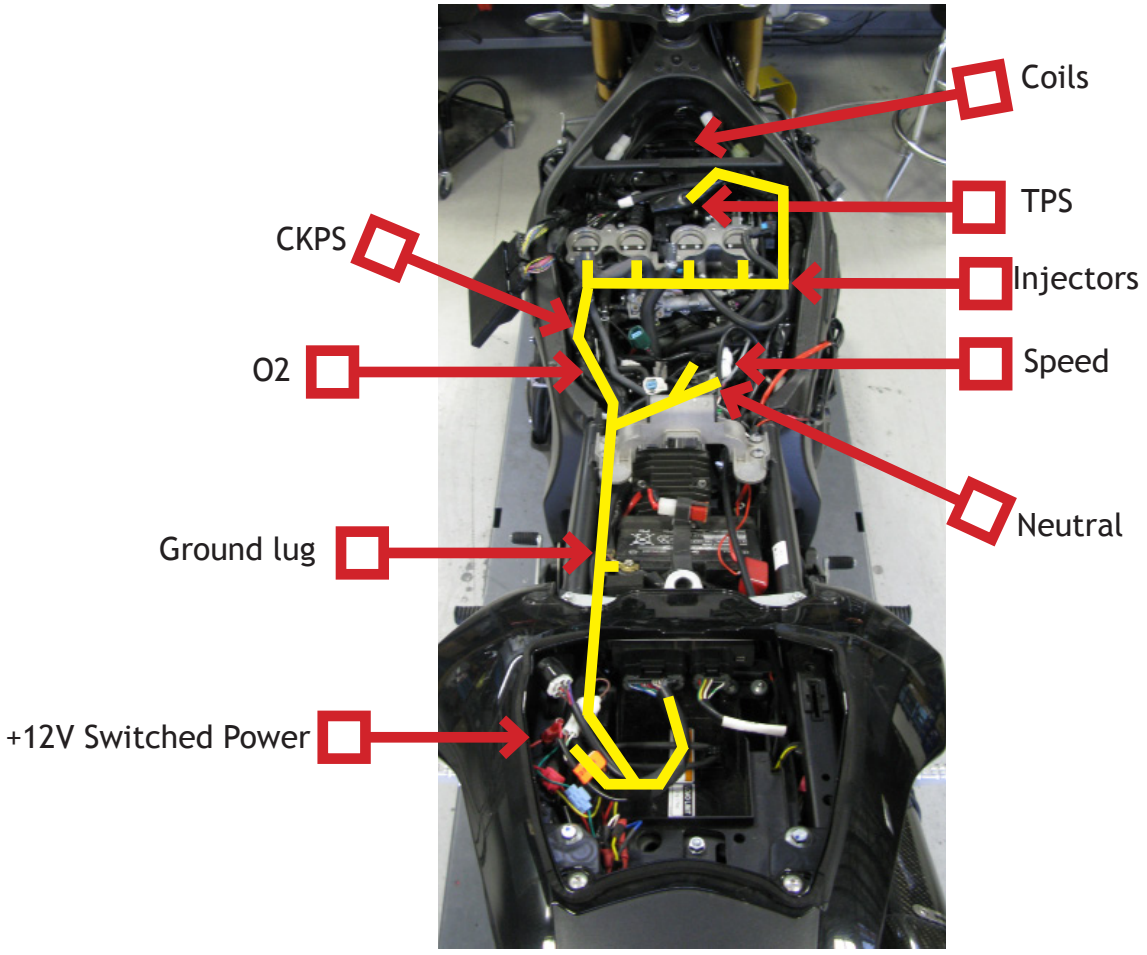


Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. Refer to a factory service manual for more specific stock component identification and location information.

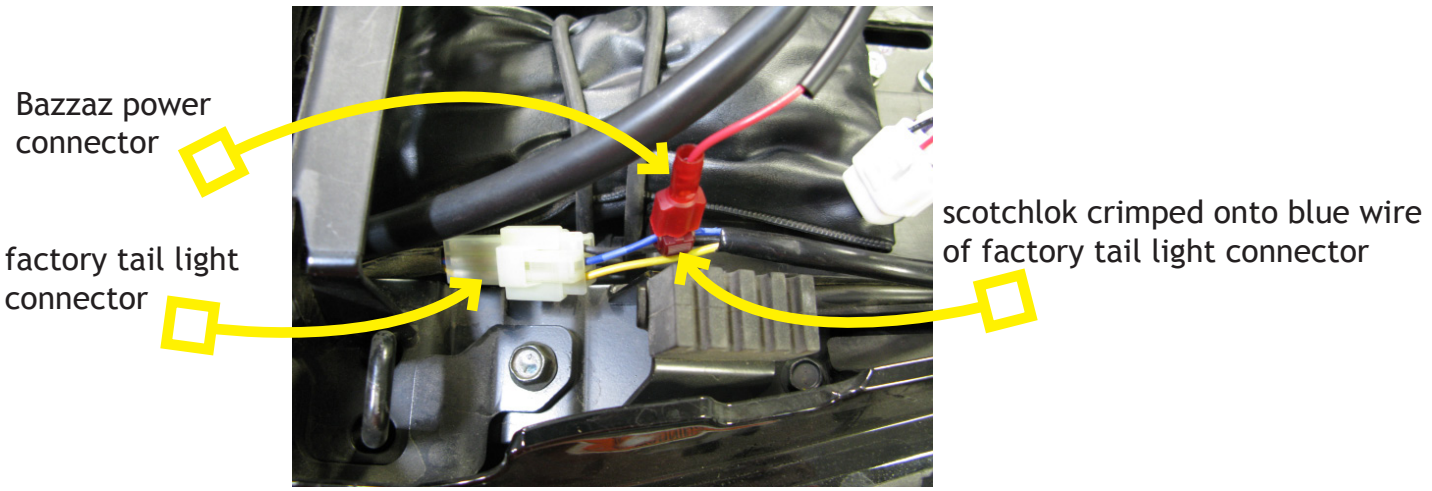
WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

1. Begin the installation by removing the rider and passenger seats, gas tank, airbox, and PAIR valve system. Then slide the ECU out of its tray (to later gain access to the coils) but **DO NOT** disconnect.

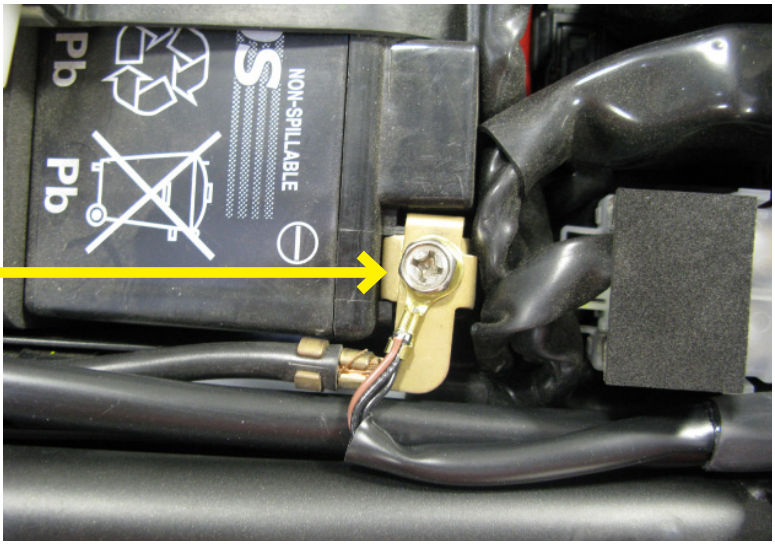
2. Place the **CONTROL UNIT** in the tail section of the motorcycle, securing with provided Velcro if necessary. Plug the main connector of the **FUEL HARNESS** into the control unit. Begin routing the harness down the the left side of the motorcycle and under the rear tank mount bracket (may be necessary to loosen bracket on FZ1).



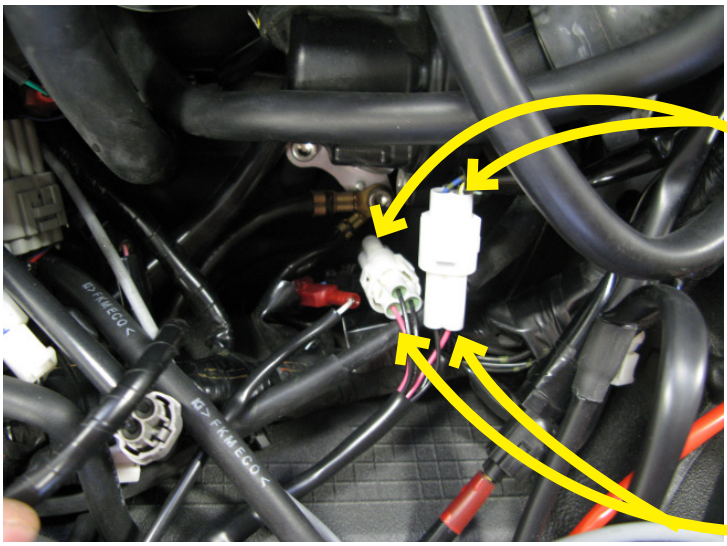
3. Locate the factory tail light connector in the left side of the tail section. Crimp a supplied scotchlok onto the middle blue wire of the factory connector and insert the Bazzaz **POWER** connector (orange label on lead) into the scotchlok.



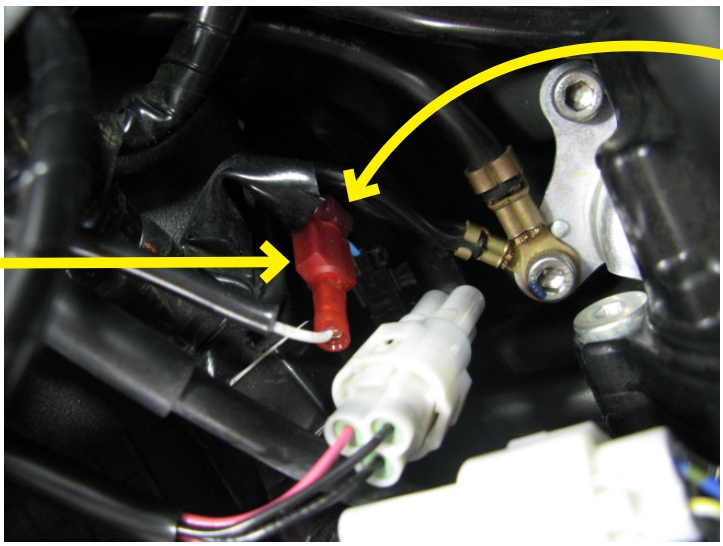
4. Next attach the Bazzaz **GROUND** lug to the battery negative terminal.



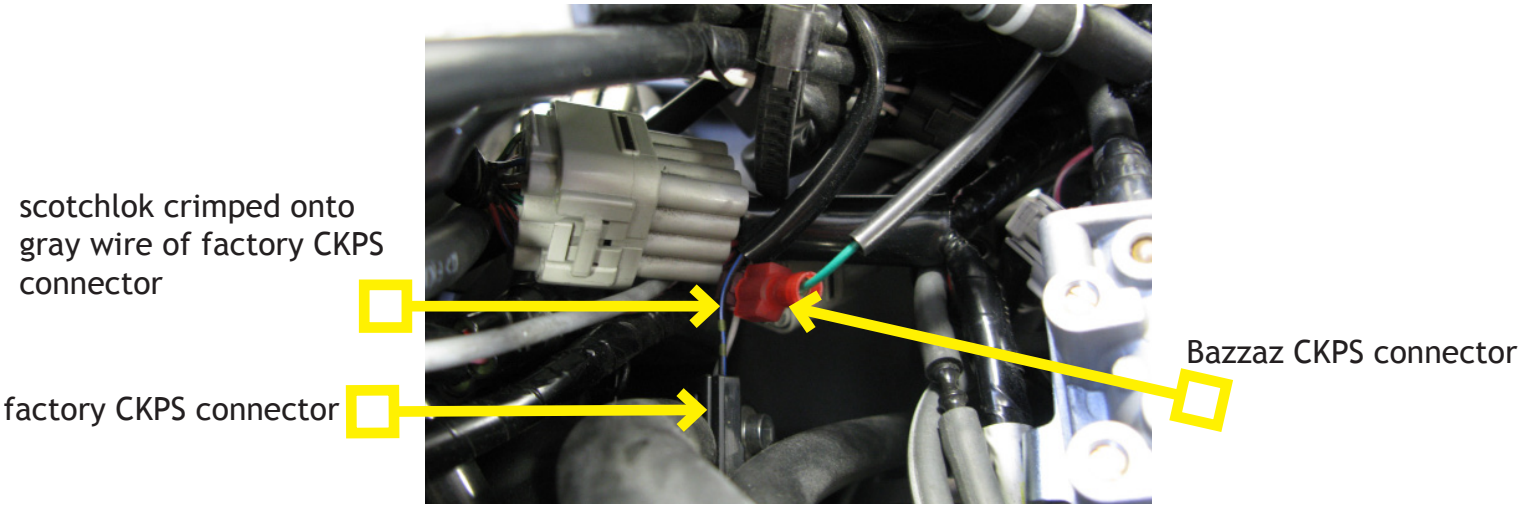
5. Locate the factory speed connectors at the rear of the engine compartment and disconnect. Plug the Bazzaz **SPEED** connectors in line with the factory connectors.



6. Below the speed connectors you will find the factory neutral connector. Disconnect the factory neutral connector and trim the sheathing back to expose the wire; crimp a supplied scotchlok onto the exposed blue wire and insert the Bazzaz **NEUTRAL** connector into the scotchlok. Reconnect the factory connector.

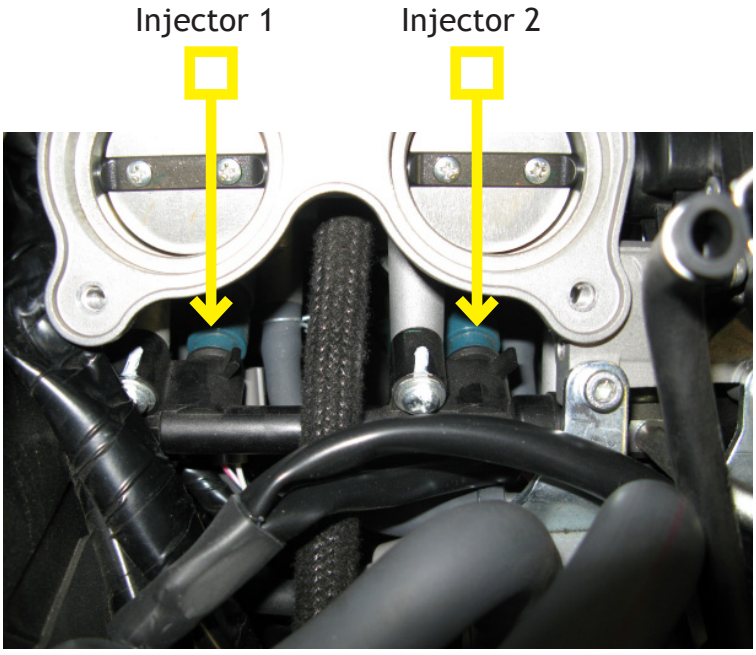


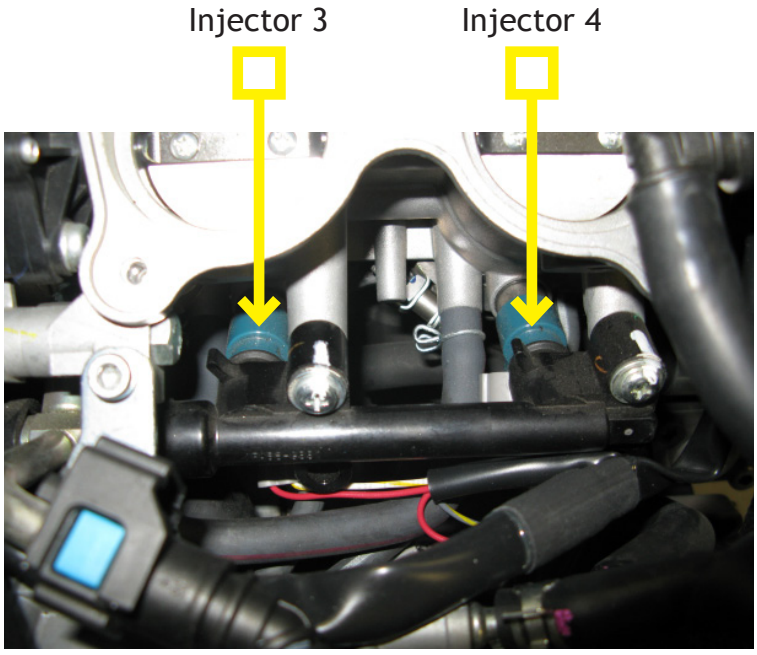
7. Continue routing the fuel harness up the left side of the motorcycle and locate the black factory CKPS connector (near a large gray connector shown in picture). Crimp a supplied scotchlok onto the gray wire of the factory CKPS connector and insert the Bazzaz **CKPS** connector into the scotchlok.



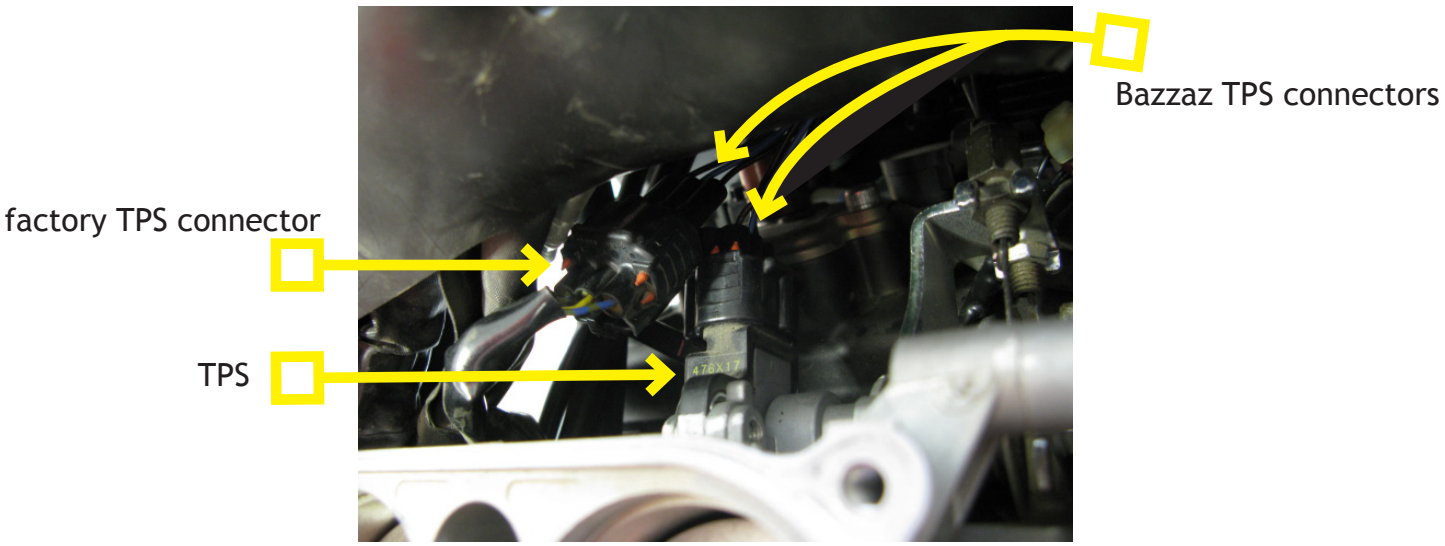
8. Now you will install the Bazzaz **INJECTOR** connectors which will be done left to right. Unplug the factory connector from each injector. Plug the black Bazzaz connector into the factory gray connector that was just unplugged, and the Bazzaz gray connector into the factory injector.

The injectors are hard to get to, and you may need to loosen or remove additional parts depending on if you are able to get your hands to the injector connectors.

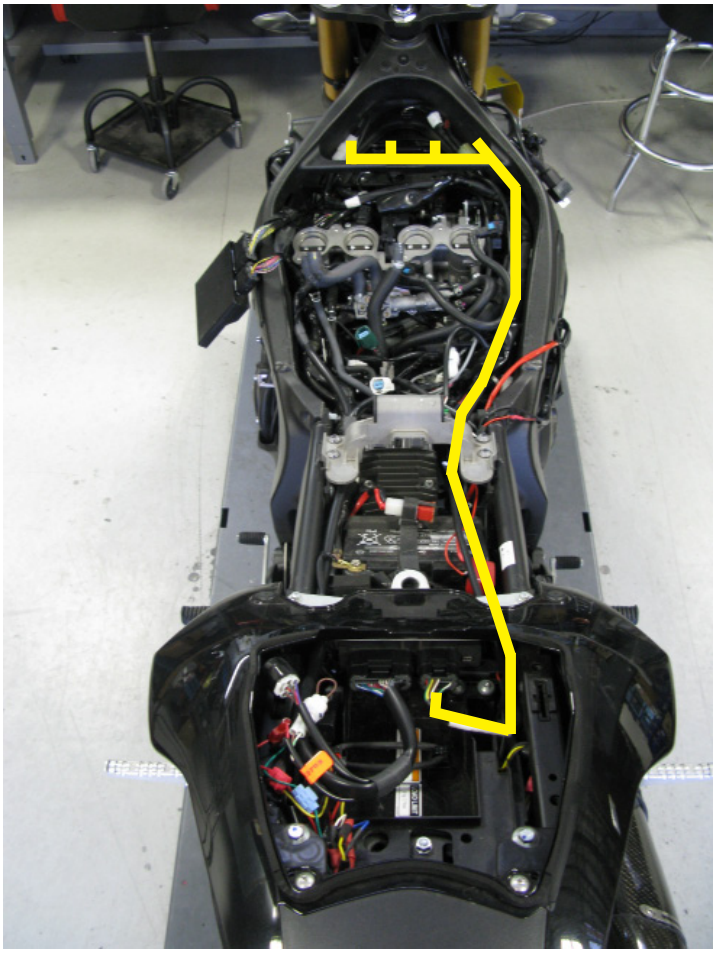




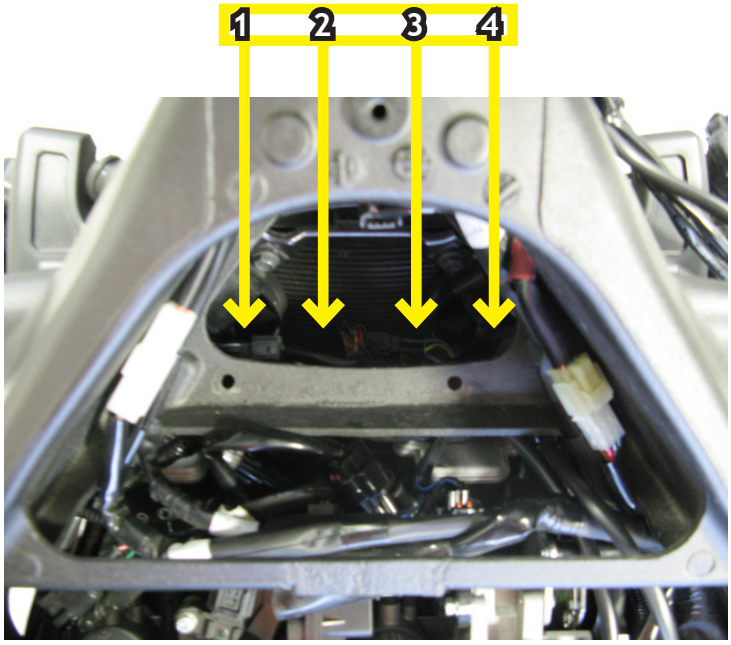
9. Route the remaining potion of the Bazzaz fuel harness with the TPS (Throttle Position Sensor) connectors around the right side and to the front, middle of the throttle bodies. Locate the factory TPS connector in this area and disconnect it from the sensor. Install the Bazzaz **TPS** connectors inline between the factory connector and sensor.



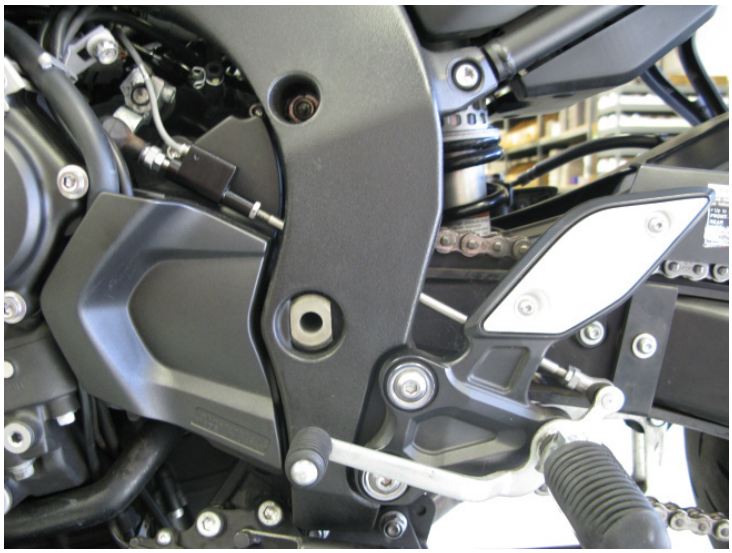
10. Now connect the main connector of the Bazzaz **COIL HARNESS** to the control unit and route the harness along the right side of the bike, all the way forward to the front of the motor.



11. From **right** to **left**, unplug the factory coil connectors from the stick coils. Plug the Bazzaz **COIL** connectors inline between the factory connectors and stick coils. Start with the Bazzaz coil connectors with the green wires.



12. Now you will begin the installation of the **SHIFT SWITCH** by removing the factory shift rod. Next install the Bazzaz shift switch onto the front inkage, then install the supplied **SHIFT ROD** between the rear linkage and the shift switch. Adjust the foot pedal to preferred height and secure components by tightening the 10mm nuts. Now route the shift switch connector up to the mating connector on the Bazzaz coil harness.

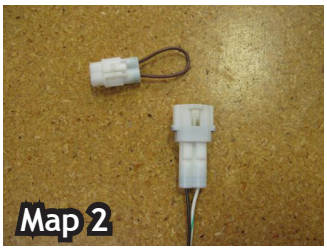


13. Next you will need to disconnect the Factory **O2 SENSOR**. The O2 sensor connector is located on the left side of the engine compartment, and can be located by tracing the wire up from the O2 sensor on the left side of the exhaust collector. This sensor will no longer be used; the wires should be 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.

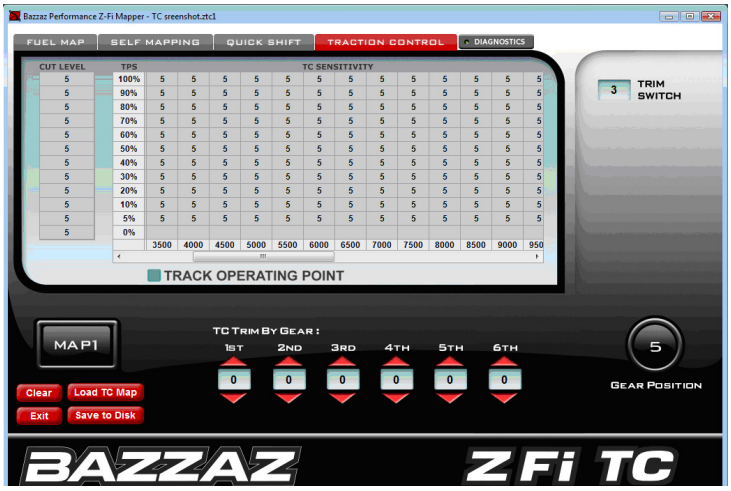
14.To complete the installation, use the supplied cable ties to secure the harnesses neatly along the routing path free of any moving or hot components (which could cause damage or failure of the system). If any problem is found, please carefully follow through the installation steps again. If problem 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.

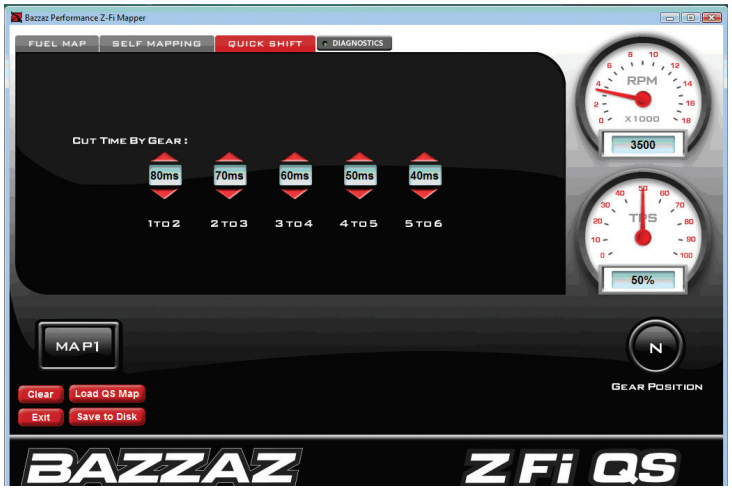
15.The Bazzaz controller is capable of storing two maps. These maps can be selected by connecting or disconnecting the map select jumper supplied with the kit. Or these maps can be selected through the use of the map select switch which can be mounted on the handlebar for easy access and can be purchased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

Note: Upon installing the system verify you have selected the proper map to correspond with your model. The control unit supplied with this kit has been pre-programmed with two fuel maps. Map 1 is intended for use on the FZ8 and Map 2 for the FZ1.



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, and 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]