2002-2003 Honda CBR954RR
Z-Fi QS / Z-Fi TC Installation Instructions
P/N T342

In order to fit a Bazzaz QS Reverse kit, aftermarket rearsets must be used

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:

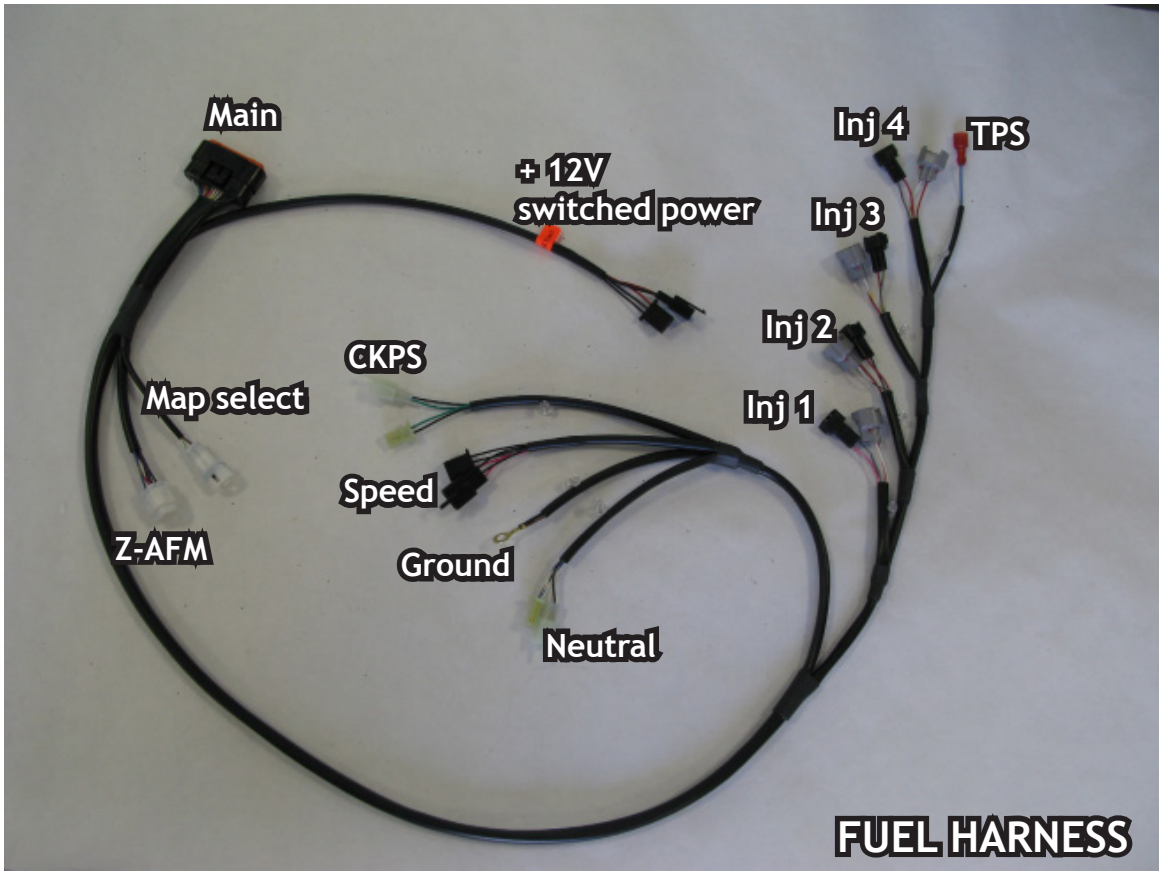
Z-Fi TC/QS Control Unit
Fuel Harness
Coil Harness
Shift Switch & Mounting Hardware
Download Z-Fi Mapper Software and its Instructions from website
Scotchlok (1)
Cable Ties
Velcro
USB Cable
Swingarm Stickers

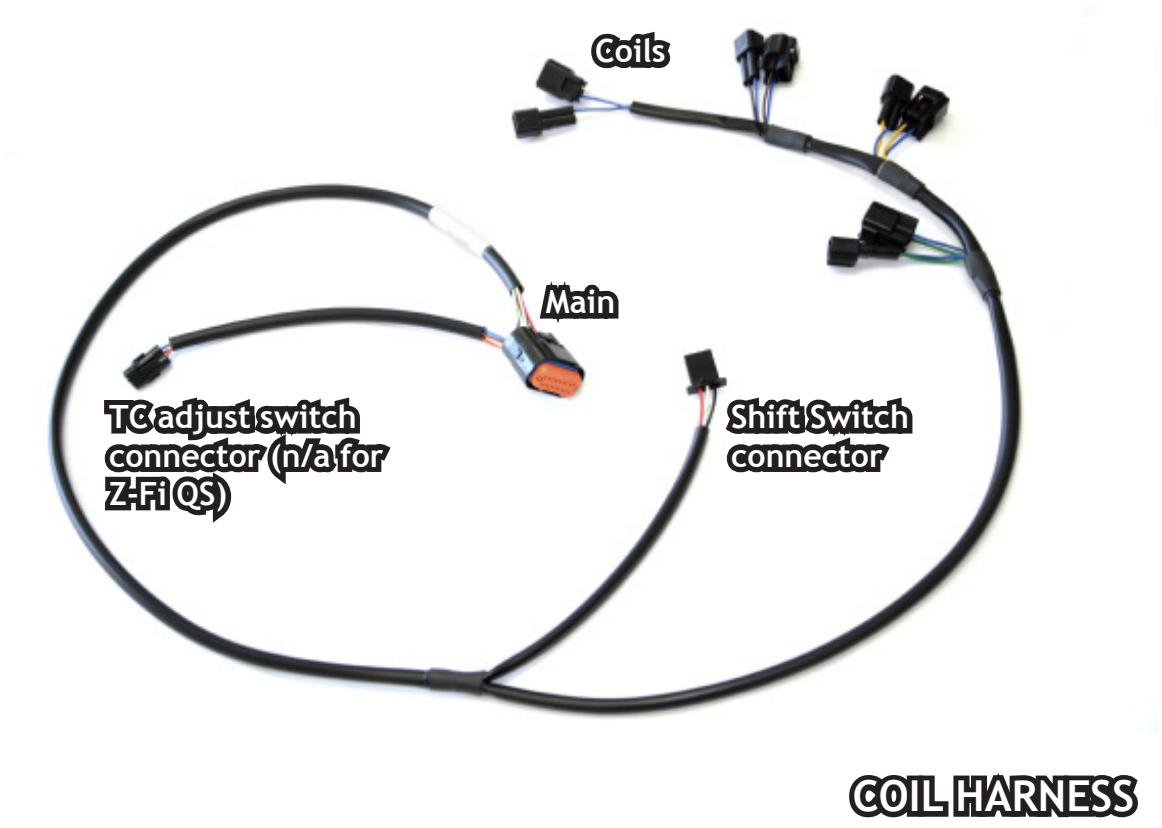
Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. For more specific factory component identifition and location information refer to a factory service manual.

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

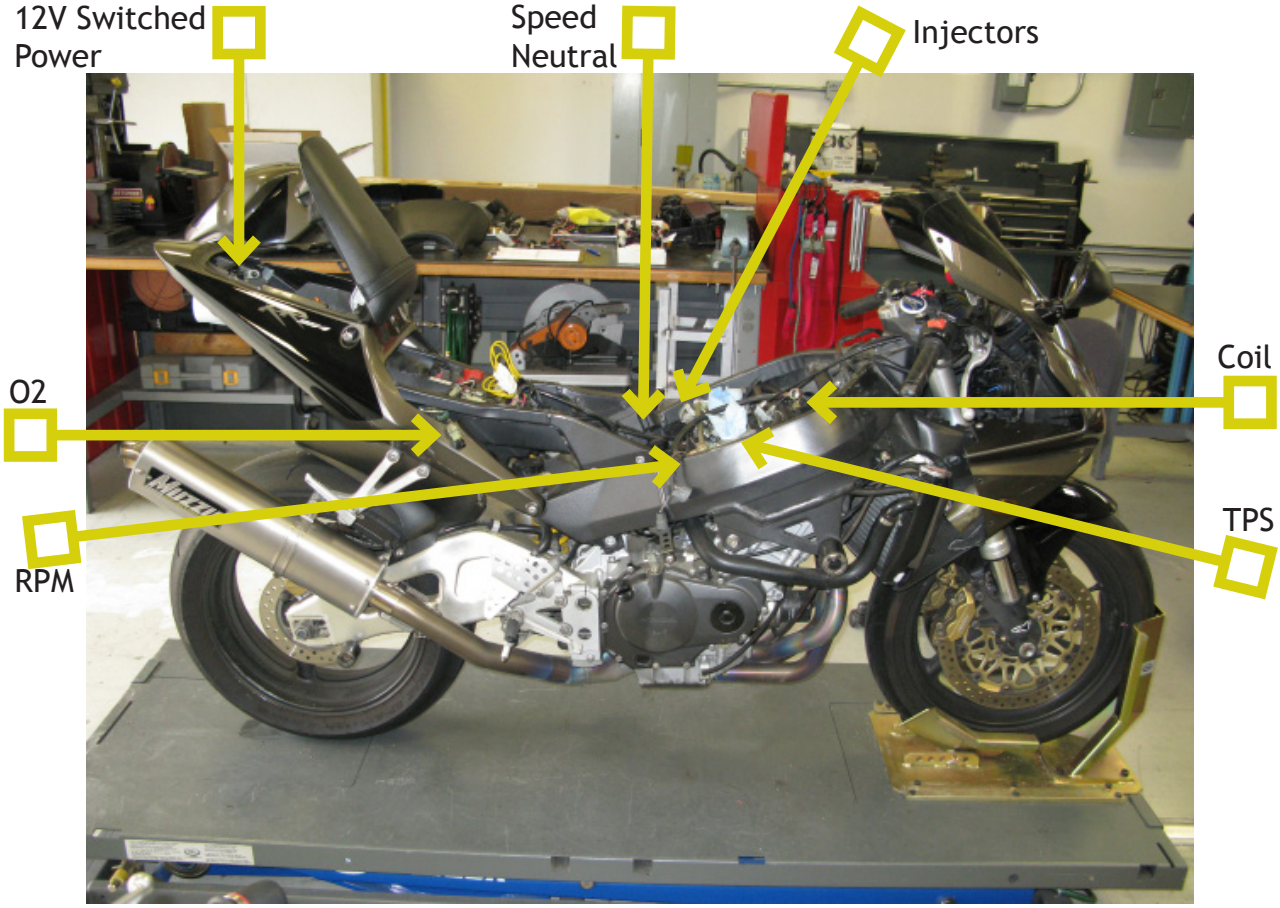
BAZZAZ HARNESS CONNECTOR IDENTIFICATION



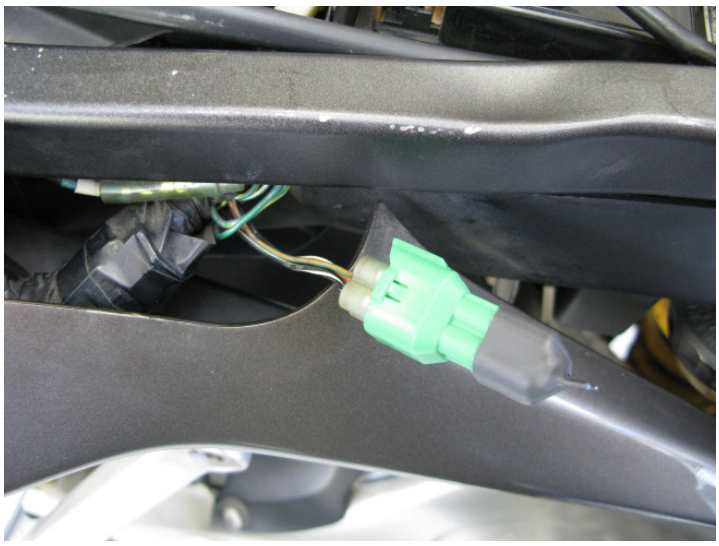


WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

1. Begin the installation by removing the following components: Rider seat, right and left side fairings, right and left side ram air intake covers and tank. Raise the passenger seat.

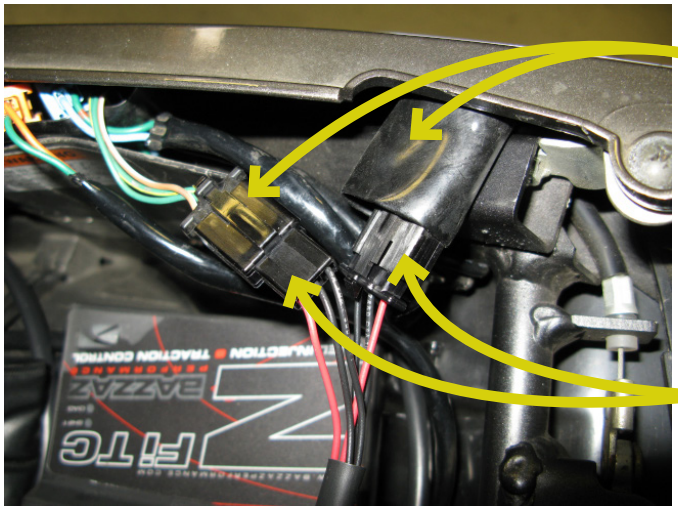


2. Disconnect the existing O2 sensor from the harness. This sensor will no longer be used; the wires should be neatly secured away from any moving components, or the sensor may be removed and the remaining port/bung in the exhaust can then be plugged. The supplied O2 eliminator must be connected in place of the O2 sensor connector to avoid triggering a fault code (FI light). Connect the Bazzaz O2 eliminator supplied with the kit in place of this sensor and secure it to the same location made available due to the removal of the sensor connector. If the O2 sensor is not removed then the ECU will continue to change the factory map.



3. Place control unit in the tail compartment and route the fuel and coil harnesses' main connectors up into the compartment from the rider seat area so that the fuel harness is running along the left of the battery and the coil harness is running along the right side of the battery. Connect the harnesses to the control unit.

4. Locate the tail light connector on the factory wiring harness on the right side of the tail compartment, in a rubber boot between the sub-frame and fairing. Plug Bazzaz power connectors in line with the factory tail light connectors.

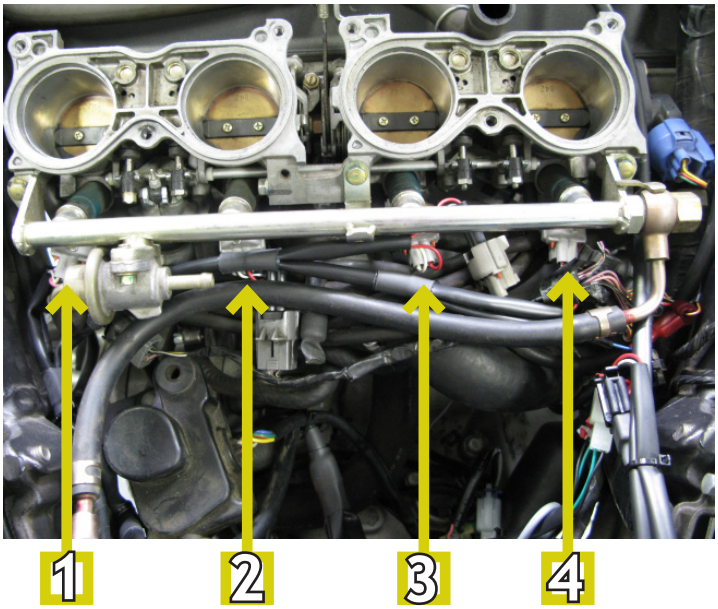


5. Continue to route the fuel harness along the factory harness, on the left side of the bike.

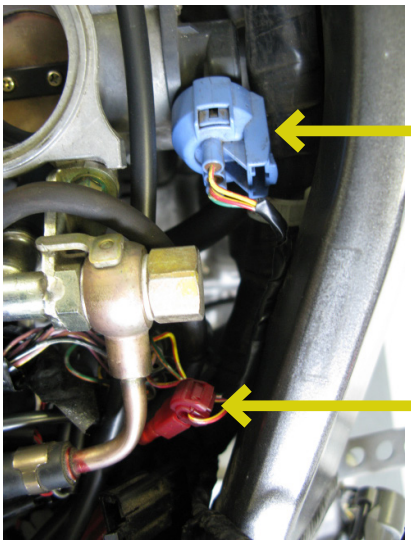
a. The section of the fuel harness with the injector connectors will get routed along the fuel rail, just below the air box.

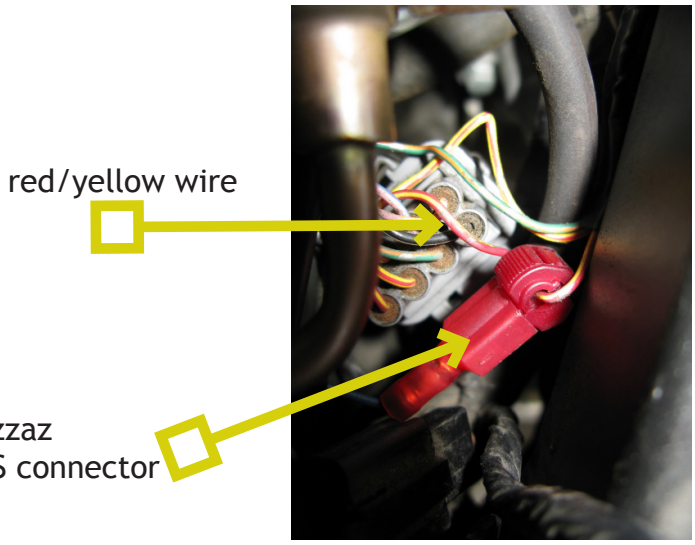
b. The section with the sensor connectors should be routed across the engine compartment to the right side of the bike where a rubber boot contains two of the sensor connectors that the Bazzaz harness plugs into.

6. From left to right, disconnect the fuel injector connectors and plug the Bazzaz connectors in line with the factory wiring harness.

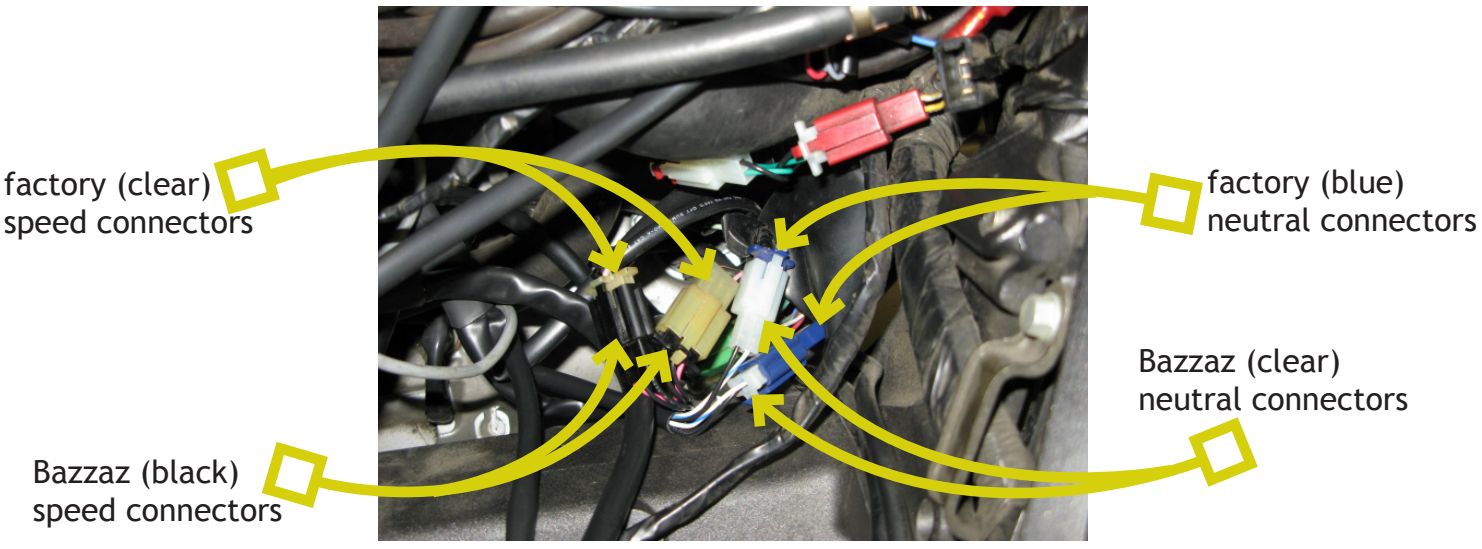


7. Locate the large grey connector on the right side of the fuel rail. There is a red/yellow wire that runs between this connector and the blue TPS connector; crimp the supplied skotchlok connector onto this wire and connect the Bazzaz TPS connector.

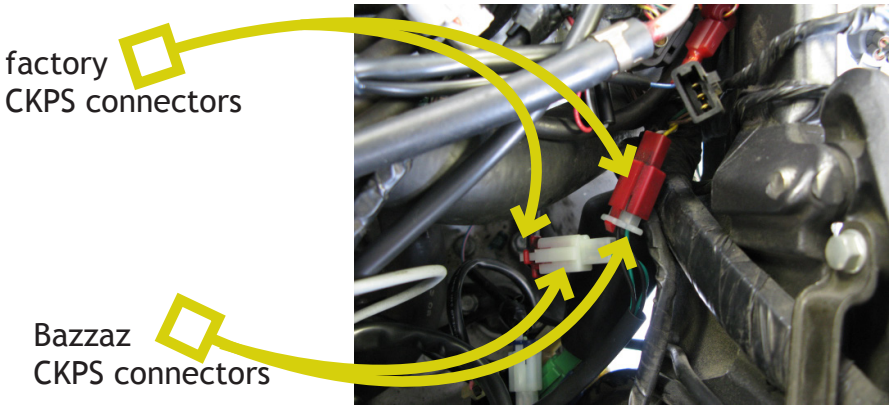


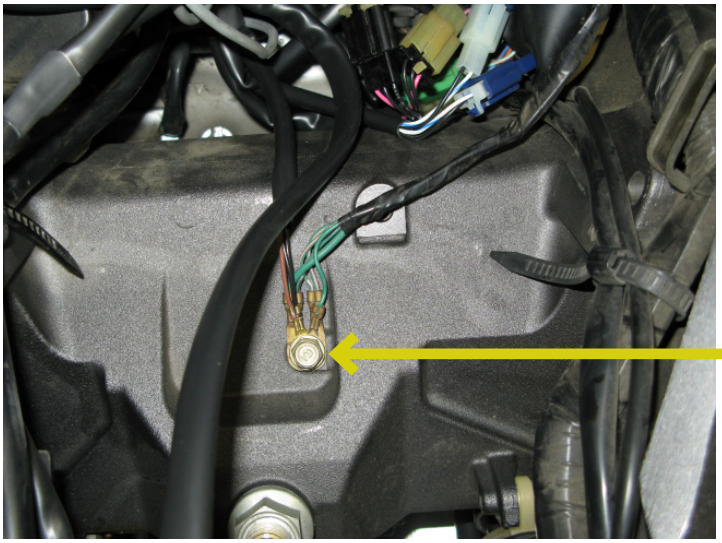


8. Next pull the blue neutral connector and clear speed sensor connector out of the rubber boot and plug the corresponding Bazzaz connectors in line with the factory connectors.



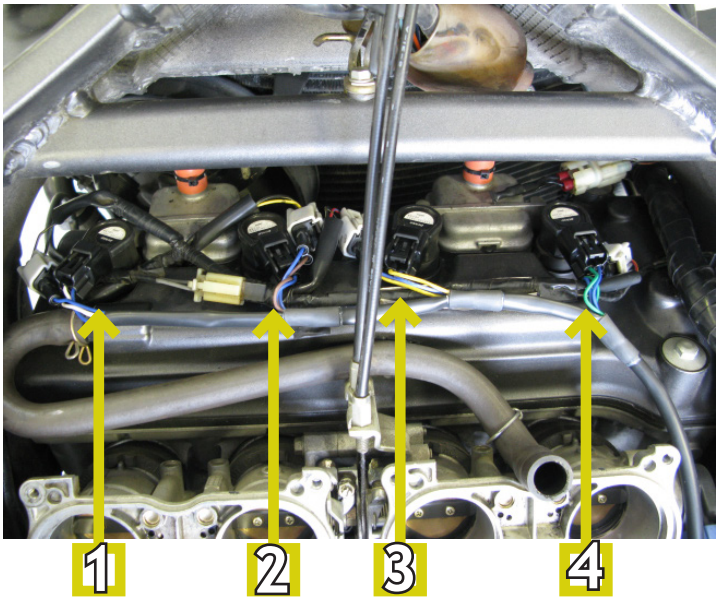
9. The red crank shaft position sensor is just above the rubber boot, next to the large grey connector; locate this and plug the Bazzaz CKPS connectors in line with the factory connectors.





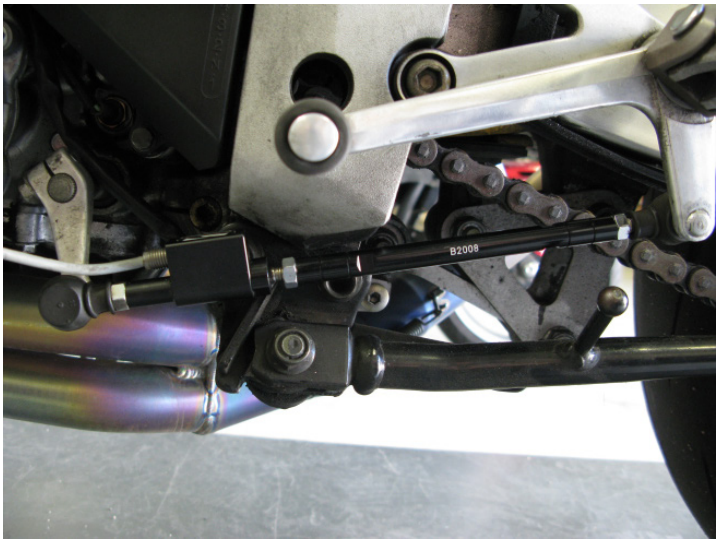
10. Locate a suitable chassis ground to attach the Bazzaz fuel harness ground lug.

11. Continue to route the Bazzaz coil harness along the factory wiring harness on the right side of the bike, up past the throttle bodies and to the front of the engine where the ignition coils are located. From right to left unplug the factory harness from the ignition coils and plug the Bazzaz coil harness connectors inline between the factory harness and the ignition coils.



12. Now you will begin the installation of the shift switch by removing the factory shift rod, install Bazzaz shift switch on the front 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 rear shift linkage. Secure components by tightening the 10mm nuts. Now route the shift switch sensor cable into the engine compartment and connect it to the mating connector on the Bazzaz coil harness.

Secure excess shift switch cable away from moving parts. Remember this application is for the standard shift only; reverse shift can only be fitted when using aftermarket rear sets.



13. 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****.*