



**2006-2011 GSXR750 Z-Fi INSTALLATION INSTRUCTIONS  
P/N 127009**

**WARNING!**

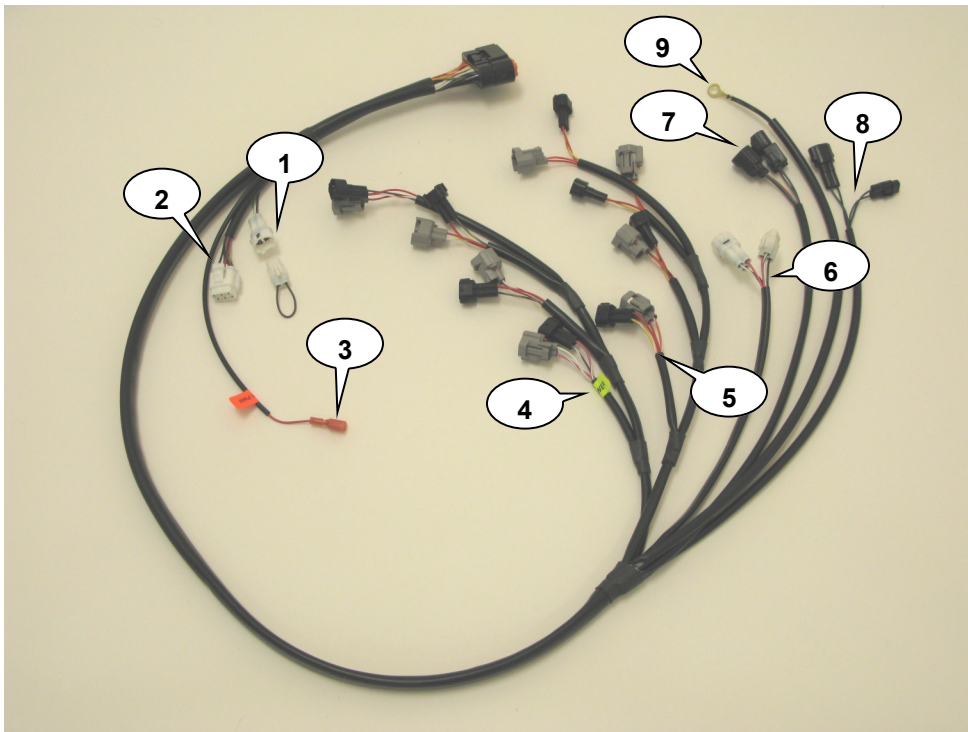
**USE ONLY IN RACE OR OTHER CLOSED COURSE APPLICATIONS AND NEVER ON PUBLIC ROADS**

Z-Fi products do not meet California CARB highway requirements

**Z-Fi CONTROL UNIT  
FUEL HARNESS  
DOWNLOAD Z-Fi MAPPER SOFTWARE & ITS INSTRUCTIONS FROM WEBSITE  
USB CABLE  
SCOTCHLOK  
SWINGARM STICKERS  
O2 ELIMINATOR**

**(06-07 models do not have an O2 eliminator so this part will not be used and step 10 in these instructions will be skipped.)**

**The control unit supplied with this kit has been pre-programmed with two fuel maps. Map 1 is intended for use on 2008-2010 models and Map 2 for 2011 models. Note: A map for 2006-2007 models is available for download at [www.Bazzaz.net](http://www.Bazzaz.net).**



- (1) MAP SELECT**
- (2) ZAFM CONNECTORS**
- (3) SWITCHED POWER (RED TAG)**
- (4) LOWER INJECTORS (YELLOW TAG)**
- (5) UPPER INJECTORS**
- (6) GEAR POSITION**
- (7) THROTTLE POSITION SENSOR**
- (8) CRANK POSITION**
- (9) GROUND LUG**

**WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN  
INSTALL THIS BAZZAZ PRODUCT**

1. Place the Z-Fi control unit in the tail section of the bike.
2. Route the fuel harness on the left hand side of the bike.
3. Plug the Z-Fi harness in-line with the lower injectors (yellow tag on harness is CYL # 1 lower injector).

**WARNING! Make sure that the Z-Fi harness injector male pins make proper contact with the stock harness injector connectors.**

4. Plug the Z-Fi harness in-line with the upper injectors (photo 1).

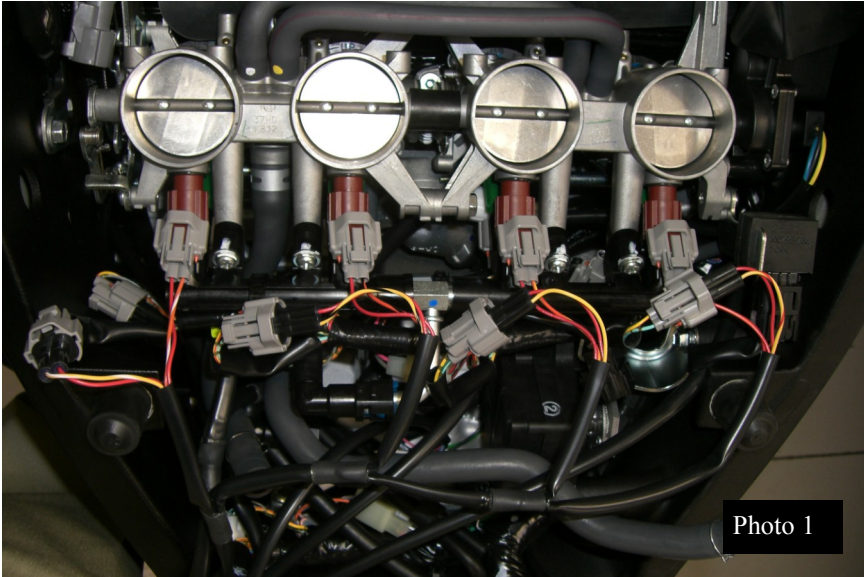


Photo 1

**WARNING! Make sure that the Z-Fi harness injector male pins make proper contact with the stock harness injector connectors.**

5. Plug the Z-Fi harness in-line with the primary/lower throttle position sensor and stock harness TPS connector (photo 2).

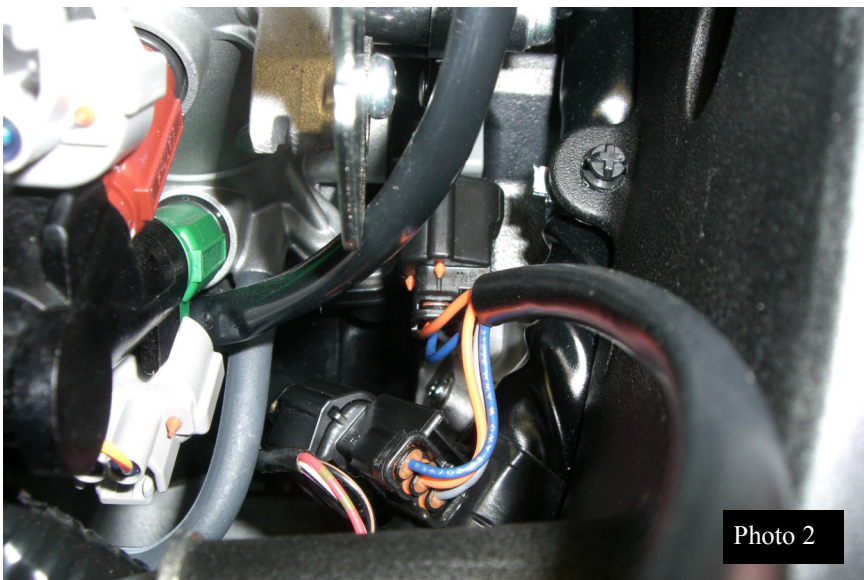
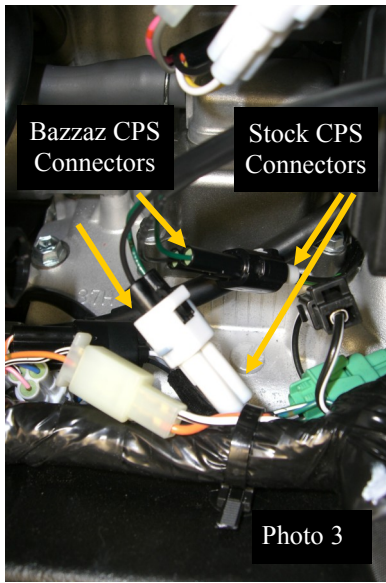
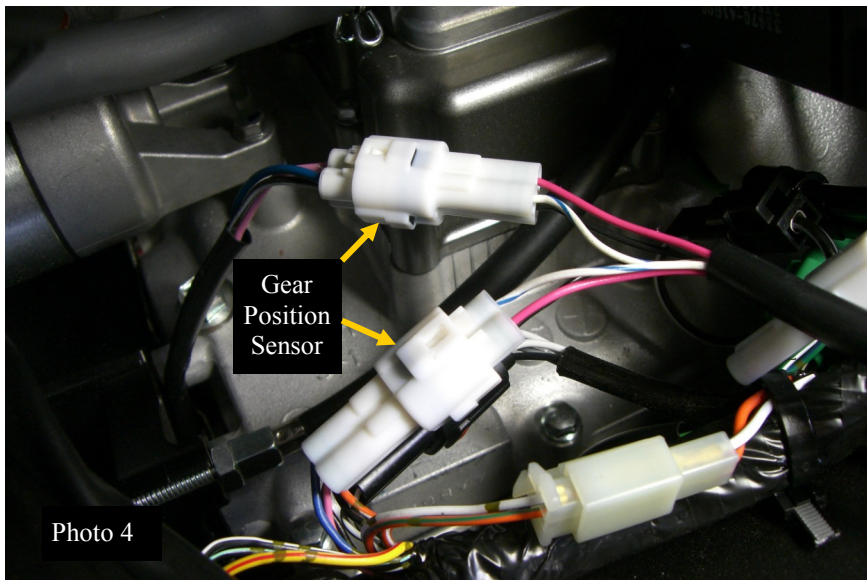


Photo 2

6. Plug the Z-Fi harness in-line with the stock Crank Position Sensor connectors (photo 3).



7. Plug the Z-Fi harness in-line with the Gear Position Sensor (photo 4).



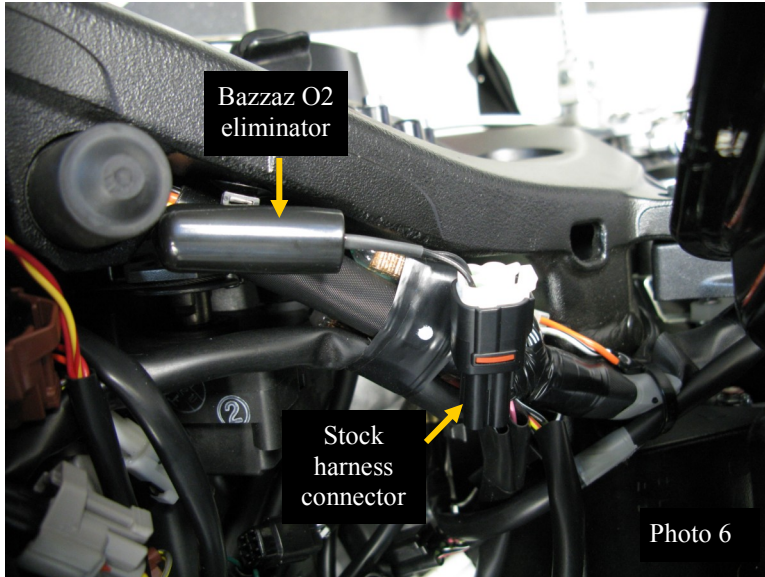
8. Attach the ground lug from the Z-Fi to the crankcase using one of the 8mm crankcase bolts.

9. Locate the orange/white wire on the diagnostics connector located behind the battery. Use the supplied scotchlok to tap into this wire. Insert the switched power (red tag) T-Tap into the scotchlok.

**WARNING! Proper alignment of the T-TAP terminal with the scotchlok is critical for proper operation**

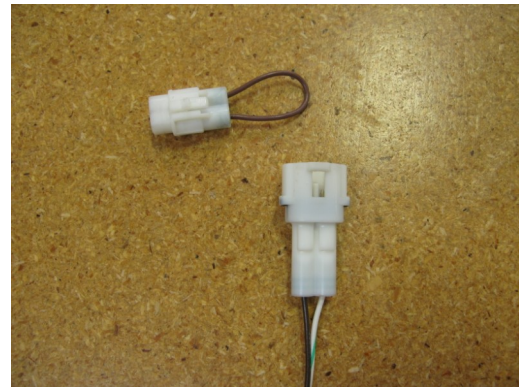
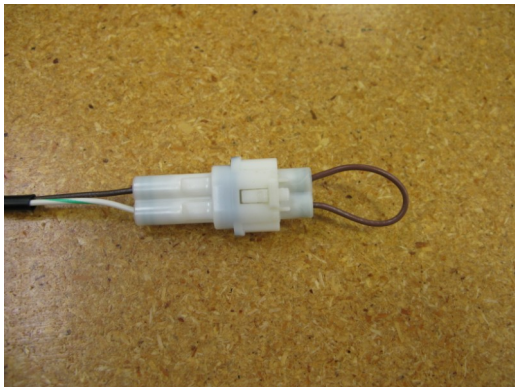


10. This model is equipped with a factory O2 sensor which must be by-passed. Disconnect the O2 sensor from the factory harness and replace it with the O2 eliminator supplied with this kit. Use supplied cable ties to secure O2 eliminator and remaining unused O2 sensor lead away from any moving or hot components that may cause damage (photo 6).



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** and when the map select jumper is disconnected the control unit is operating using **Map 2**. **Upon installing the system connect it to the control unit using the software and verify you have selected the proper map to correspond with your model year. The control unit supplied with this kit has been pre-programmed with two fuel maps. Map 1 is intended for use on 2008-2010 models and Map 2 for 2011 models.**

**Note: A map for 2006-2007 models is available for download at [www.Bazzaz.net](http://www.Bazzaz.net).**



**\* To create the ideal map(s) we recommend using the optional Z-AFM self-tuning module. \***