



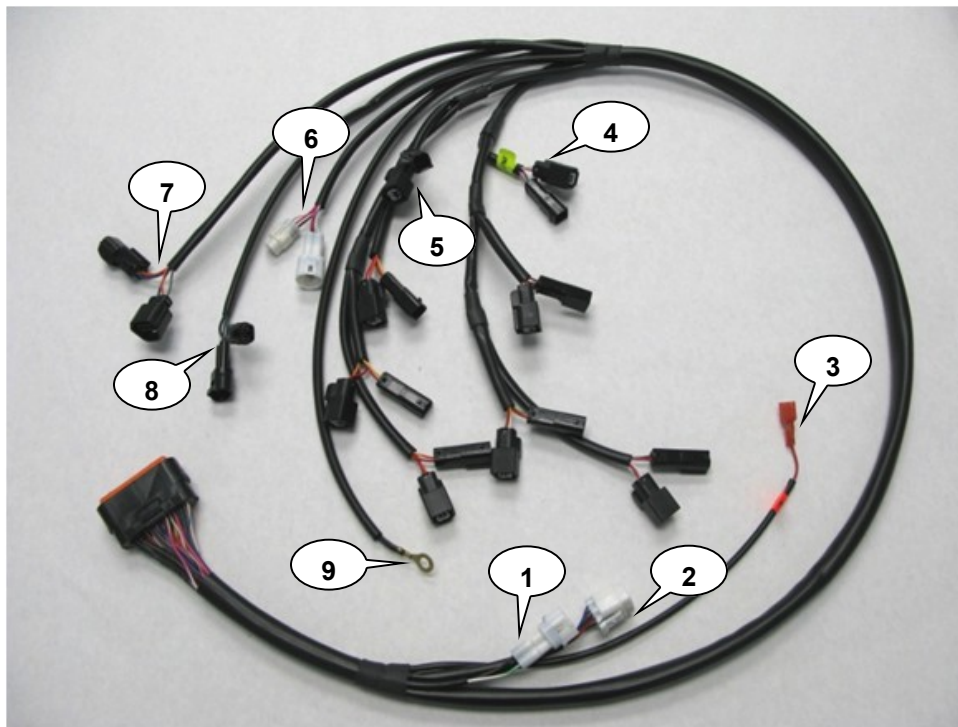
2007-2013 GSXR1000 Z-Fi INSTALLATION INSTRUCTIONS  
P/N 127010

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



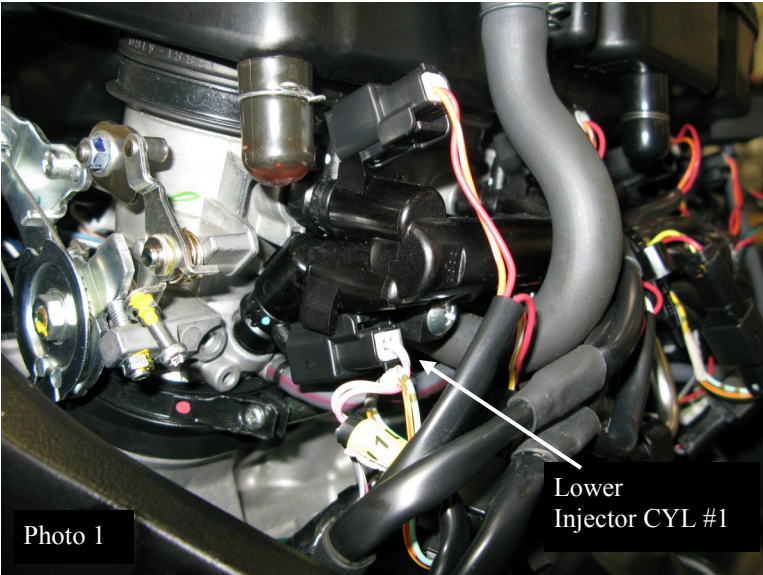
- (1) MAP SELECT
- (2) ZAFM CONNECTOR
- (3) SWITCHED POWER (RED TAG)
- (4) LOWER INJECTORS (YELLOW TAG)
- (5) UPPER INJECTORS
- (6) GEAR POSITION
- (7) THROTTLE POSITION SENSOR
- (8) CRANK POSITION
- (9) GROUND LUG

**Read through all instructions before beginning installation. This is not a replacement for the ECU.**

**The control unit supplied with this kit has been pre-programmed with two fuel maps.  
Map 1 is intended for use on 2012 models and Map 2 for 2009-2011 models.  
Note: A map for 2007-2008 models is available for download at [www.Bazzaz.net](http://www.Bazzaz.net).**

1. To begin installation remove seat and fuel tank.
2. Place the Z-Fi control unit in the tail section of the bike.
3. Route the fuel harness on the left hand side of the bike.
4. Plug the Z-Fi harness in-line with the lower injectors; yellow tag on harness is CYL#1 lower injector (Photo1).

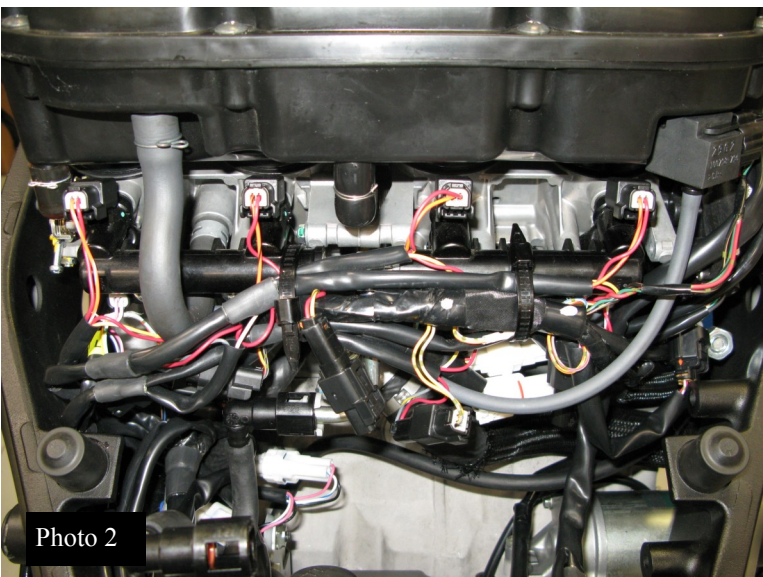
**WARNING! Make sure that the Z-Fi harness injector male pins make proper contact with the stock harness injector connectors.**



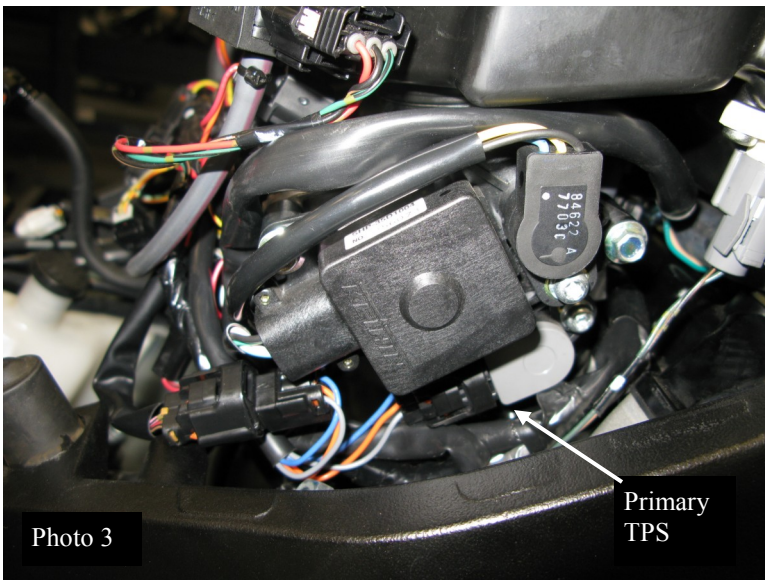
*Note:  
All photos are from the 07-08 GSXR1000 model.  
Component locations may differ slightly in later models.*

5. Plug the Z-Fi harness in-line with the upper injectors (Photo 2).

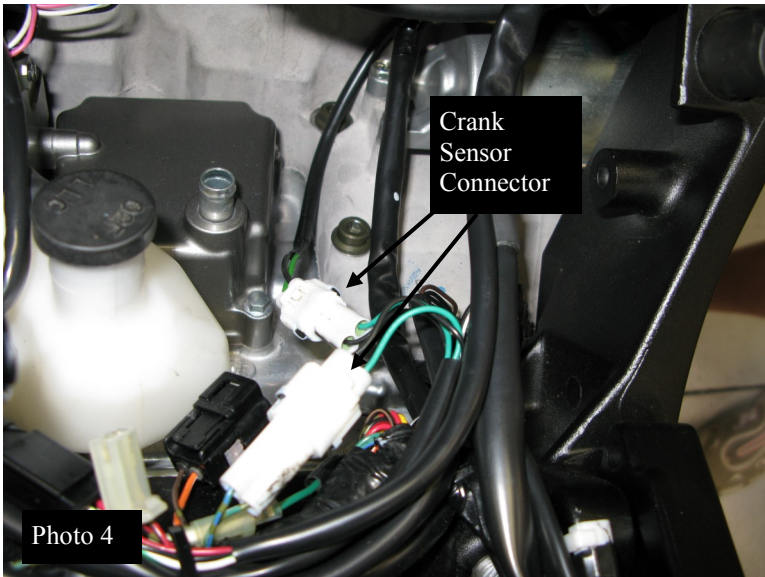
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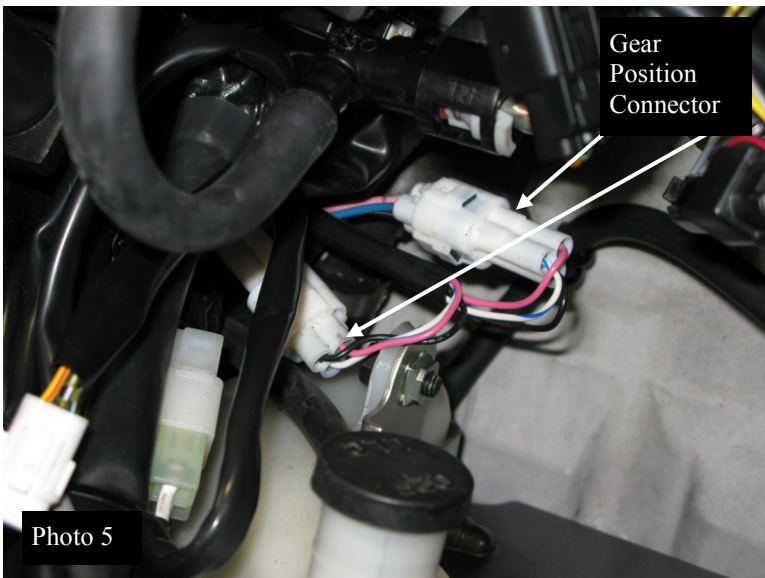
6. Plug the Z-Fi harness in-line with the throttle position sensor (Photo 3).



7. Plug the Z-Fi harness in-line with the crank position (Photo 4).



8. Plug the Z-Fi harness in-line with the gear position sensor (Photo 5).

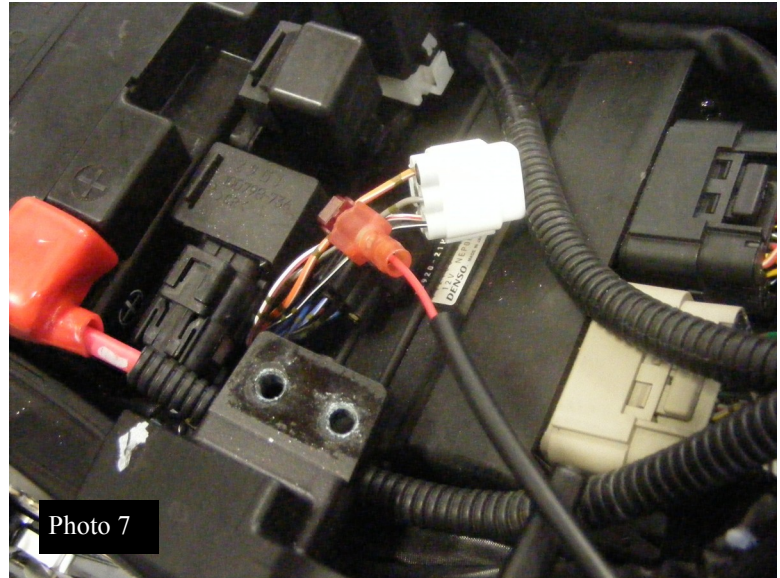


*Note:  
Don't confuse gear position with secondary  
TPS as they have the same type of connector.*

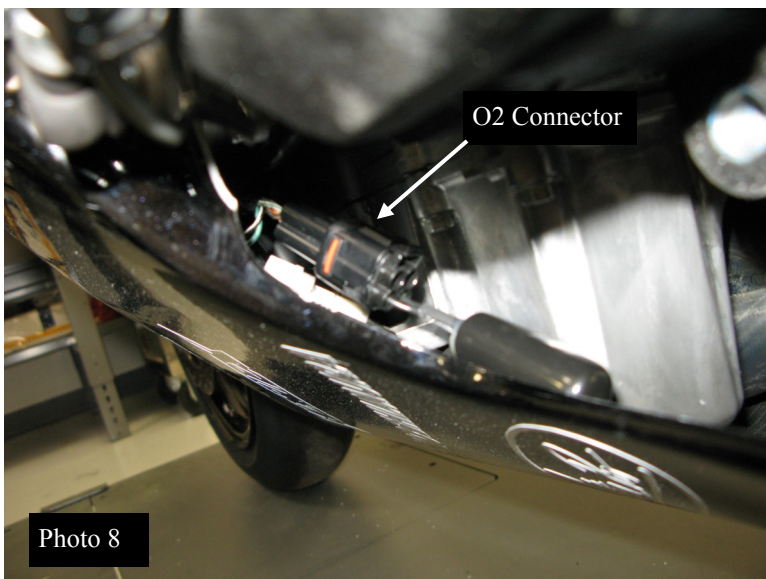
9. Attach the ground lug from the Z-Fi to the crank case using one of the 8mm crank case bolts.

10. 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 (Photo 6 & 7).

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



11. Disconnect the stock O2 sensor & plug the O2 eliminator into the stock harness. Stock O2 is no longer needed (Photo 8).



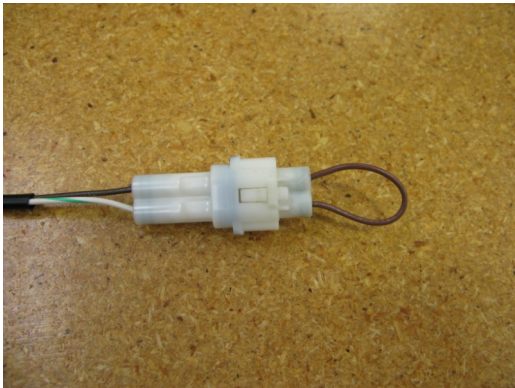
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The Bazzaz Z-Fi controller is capable of storing two maps. These maps can be selected through the use of a map select switch which can be mounted on the handlebar for easy access and can be purchased separately. Or these maps can be selected by connecting 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**.

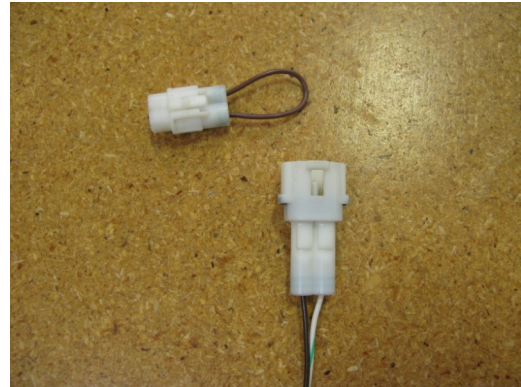
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**Map 1**



**Map 2**

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