



**2008-2013 GSX1300R Z-Fi TC / Z-Fi QS INSTALLATION INSTRUCTIONS**  
P/Ns 127105, 127113, 127121, 127129

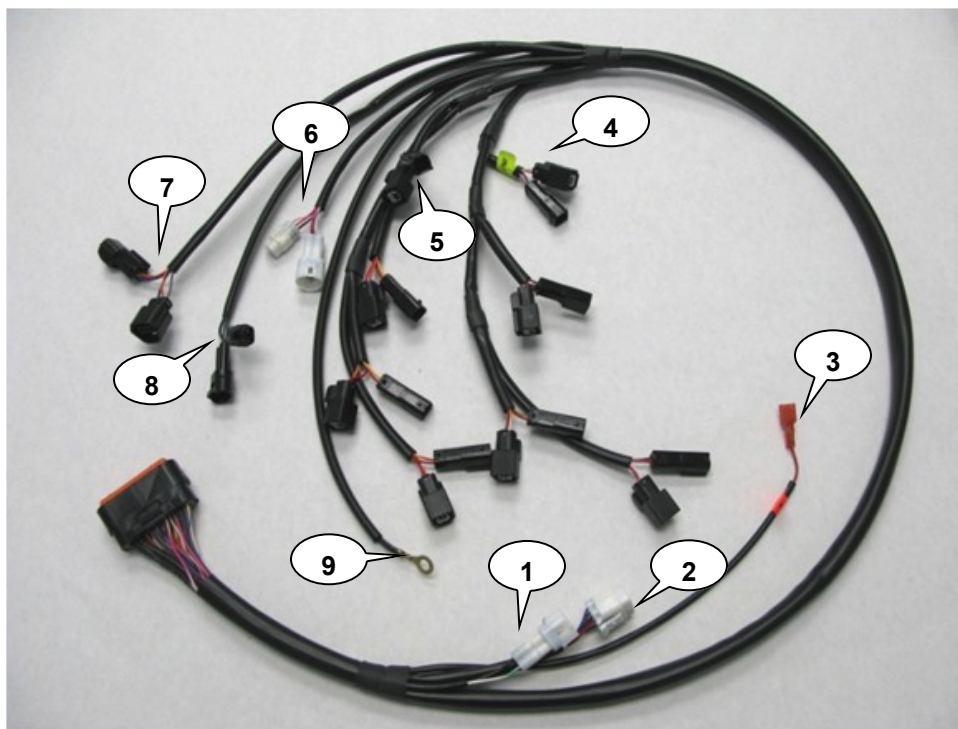
**2008 B-KING Z-Fi TC / Z-Fi QS INSTALLATION INSTRUCTIONS**  
P/Ns 127106, 127114, 127122, 127130

**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 TC/QS CONTROL UNIT  
FUEL HARNESS  
COIL HARNESS  
SHIFT SWITCH & MOUNTING HARDWARE  
O2 ELIMINATOR  
DOWNLOAD Z-Fi MAPPER SOFTWARE & ITS INSTRUCTIONS FROM WEBSITE  
USB CABLE  
SCOTCHLOK  
SWINGARM STICKERS**



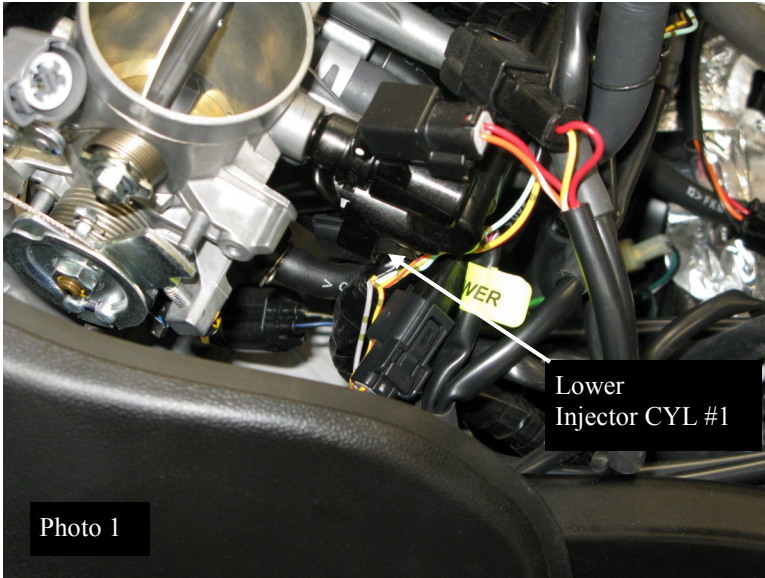
- (1) MAP SELECT
- (2) ZAFM CONNECTOR
- (3) SWITCHED POWER (RED TAG)
- (4) LOWER INJECTORS (YELLOW TAG)
- (5) UPPER INJECTORS
- (6) GEAR POSITION
- (7) THROTTLE POSITION SENSOR
- (8) CRANK POSITION
- (9) GROUND LUG

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

**For GSXR1300R & B-KING kits, verify the corresponding map for your model is selected.  
Map 1 contains a map for GSXR1300R 2008-2011 models and Map 2 contains a map for B-KING 2008 models.**

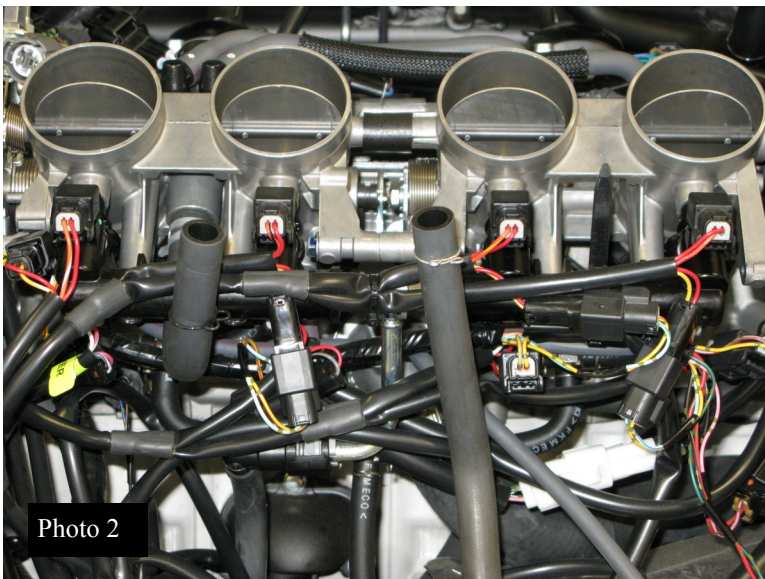
1. To begin installation remove seat and fuel tank.
2. Place the Z-Fi TC/QS control unit in the tail section of the bike.
3. Route the fuel harness on the left hand side of the bike.
4. Plug the Z-Fi harness in-line with the lower injectors; yellow tag on harness is CYL#1 lower injector (Photo1).

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



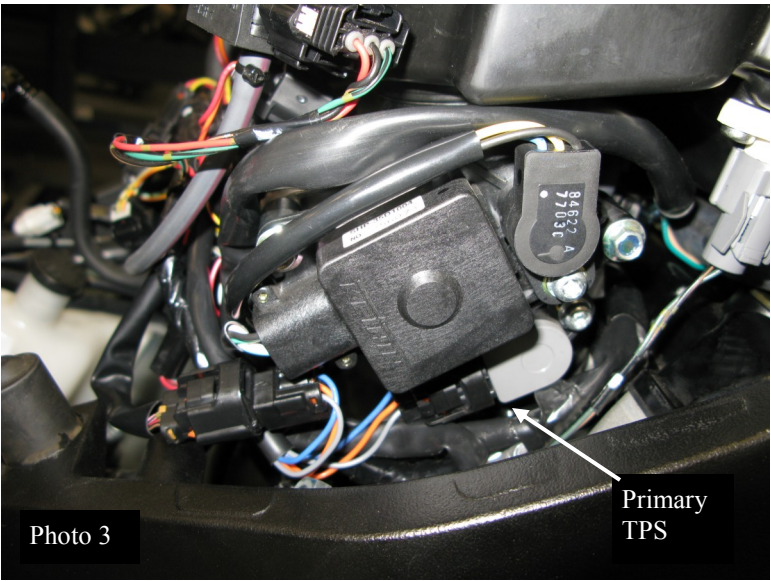
5. Plug the Z-Fi harness in-line with the upper injectors (Photo 2).

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

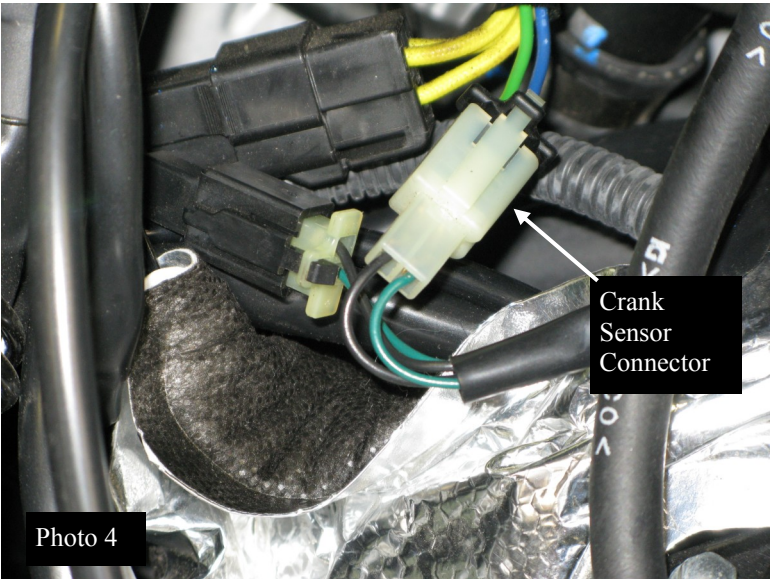




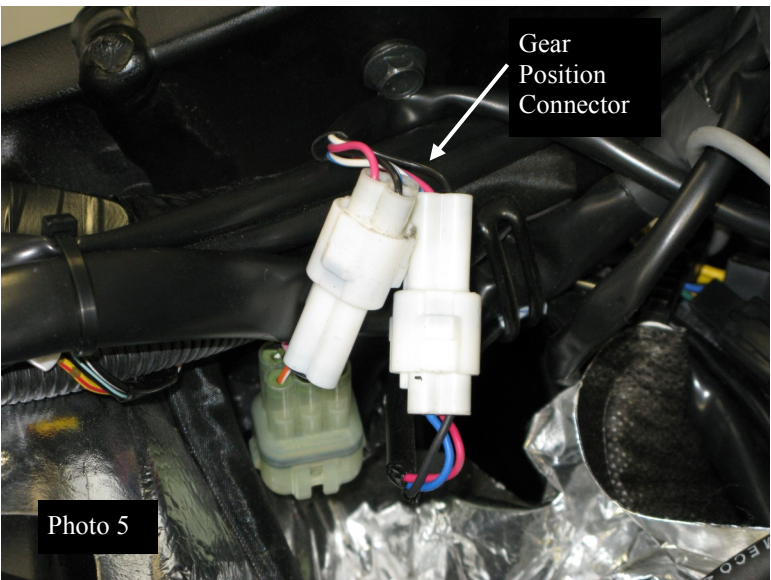
6. Plug the Z-Fi harness in-line with the throttle position sensor (Photo 3).



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



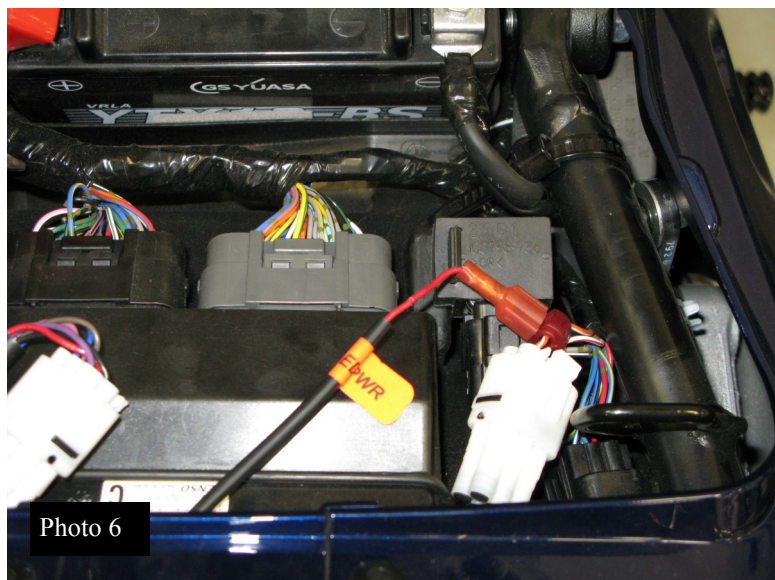
8. Plug the Z-Fi harness in-line with the gear position sensor (Photo 5).



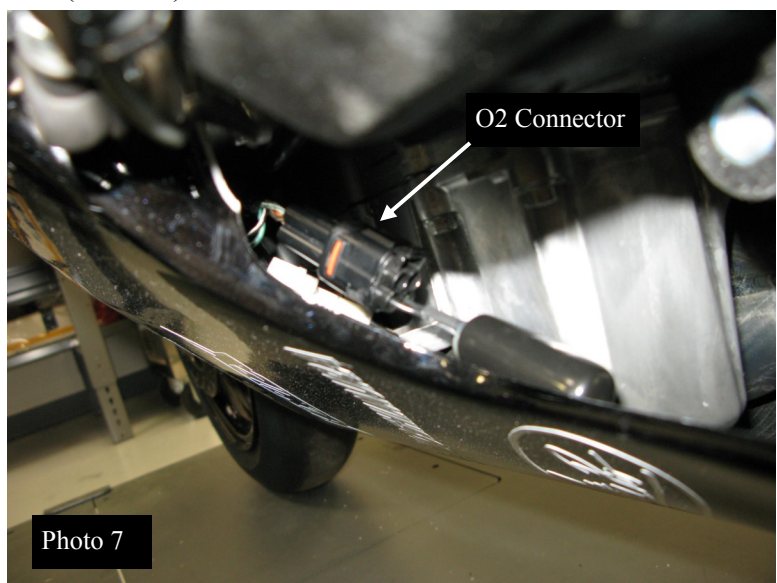
*Note:  
Don't confuse gear position with secondary  
TPS as they have the same type of connector.*

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).

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



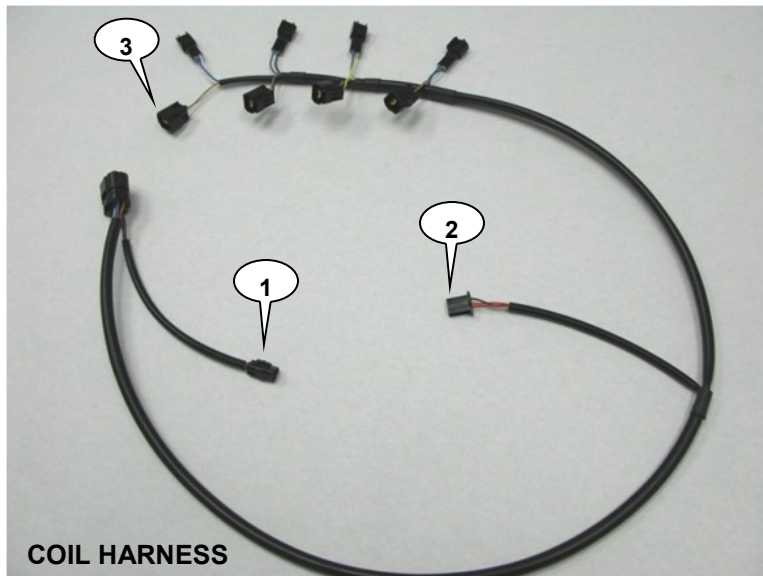
11. Disconnect the stock O2 sensor & plug the O2 eliminator into the stock harness. Stock O2 is no longer needed (Photo 7).





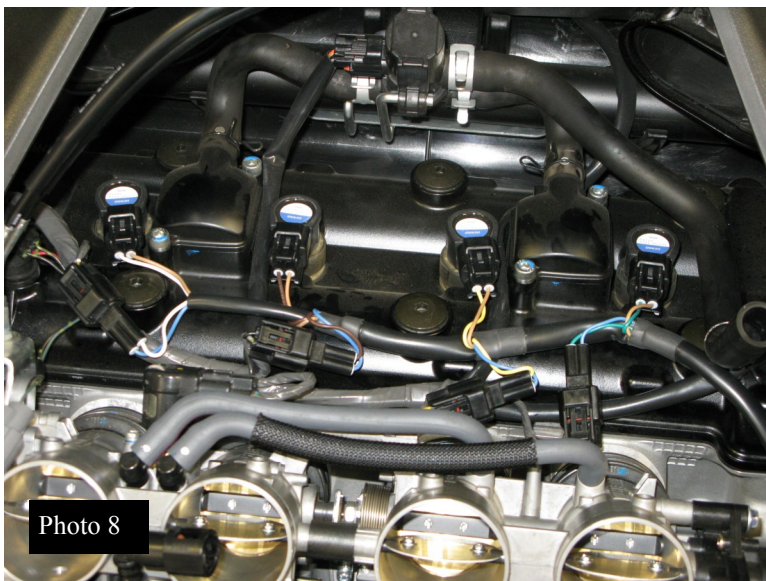
12. Removal of airbox will be necessary for installation of coil harness.

13. Route the coil harness on the right hand side of the bike.

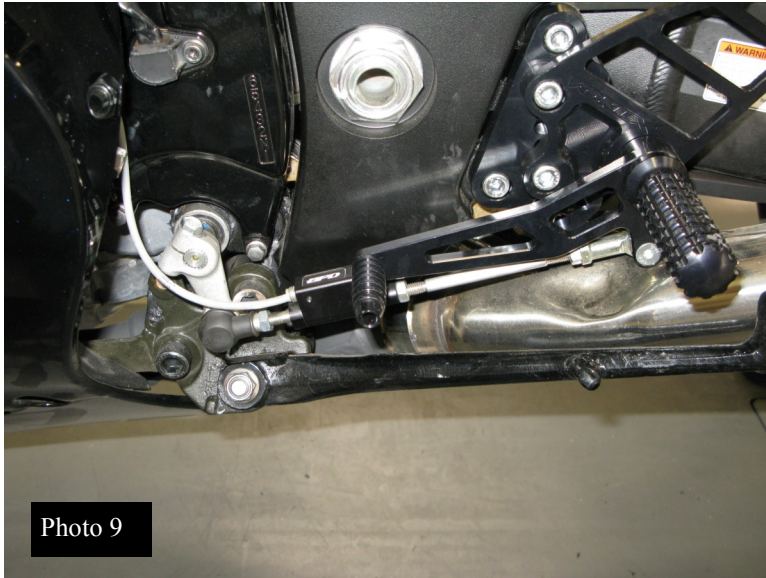


- (1) TC adjust switch connection (n/a for Z-Fi QS)
- (2) Shift switch connection
- (3) Coil #1

14. Plug the Z-Fi harness in-line with the coils (Photo 8).



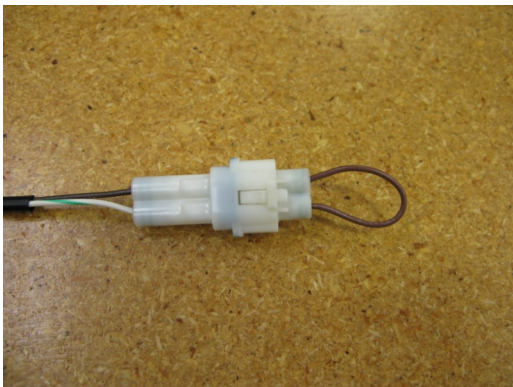
15. Replace stock shift rod with supplied Bazzaz shift rod & shift switch (Photo 9).



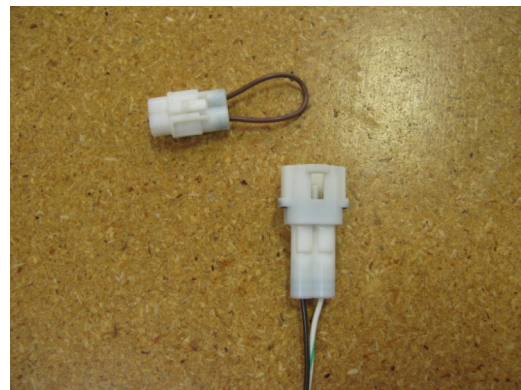
16. Join the shift switch connector to the coil harness connector.

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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 which is the map for the GSXR1300R 2008-2011 models.** When the map select jumper is disconnected the control unit is operating using **Map 2 which is the map for the B-KING 2008 models .**



Map 1



Map 2

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