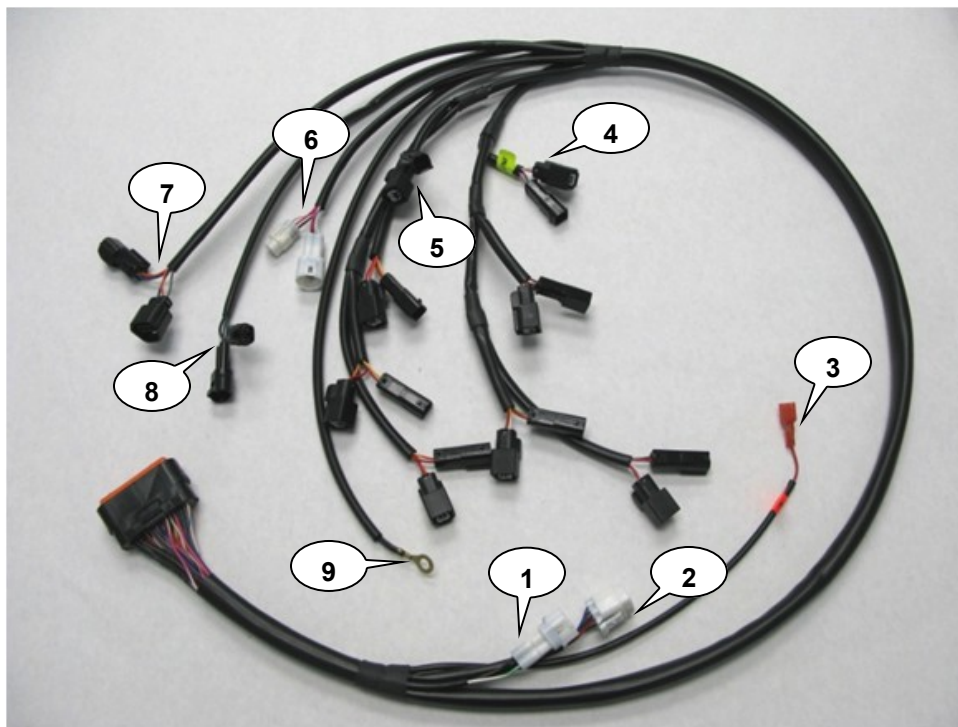# BAZZAZ®

2007-2008 GSXR1000 Z-Fi TC / Z-FI QS INSTALLATION INSTRUCTIONS
P/Ns 127027, 127056, 127073, 127087

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
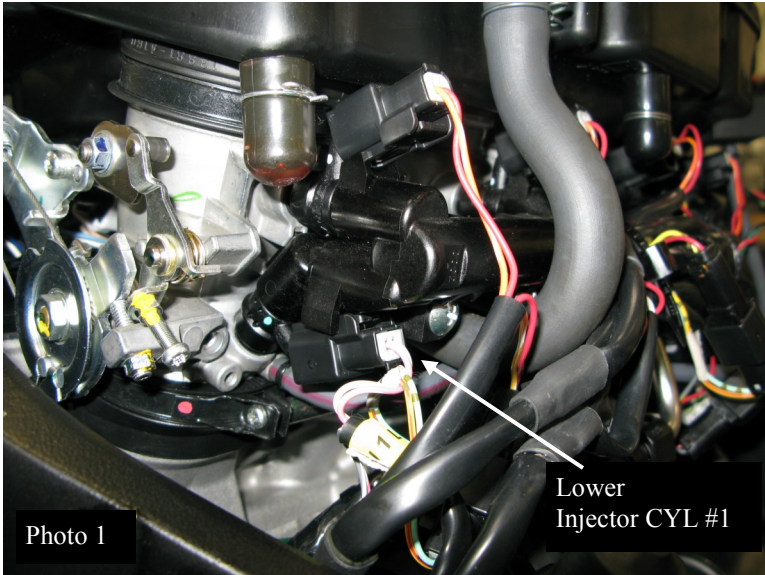SCOTCHLOK
SWINGARM STICKERS**

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

Read through all instructions before beginning installation. This is not a replacement for the ECU.
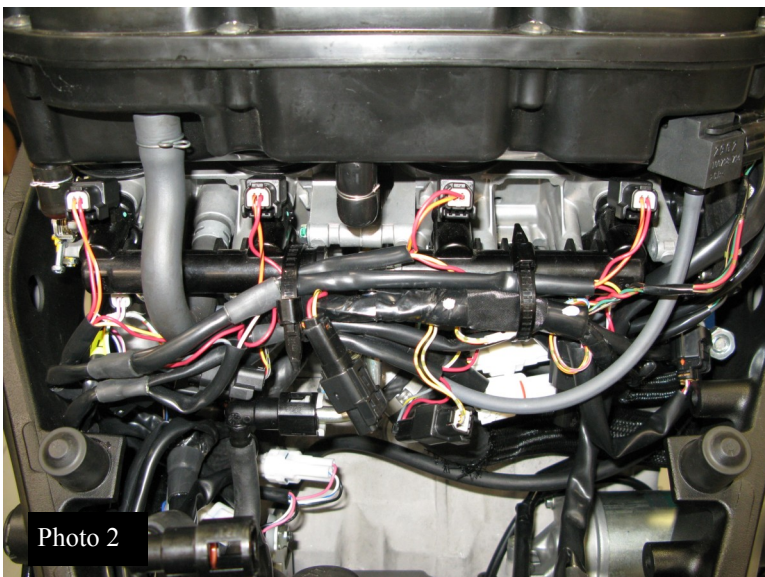
1. To begin installation remove seat and fuel tank.
2. Place the Z-Fi TC/QS control unit in the tail section of the bike.
3. Route the fuel harness on the left hand side of the bike.
4. Plug the Z-Fi harness in-line with the lower injectors; yellow tag on harness is CYL#1 lower injector (Photo1).

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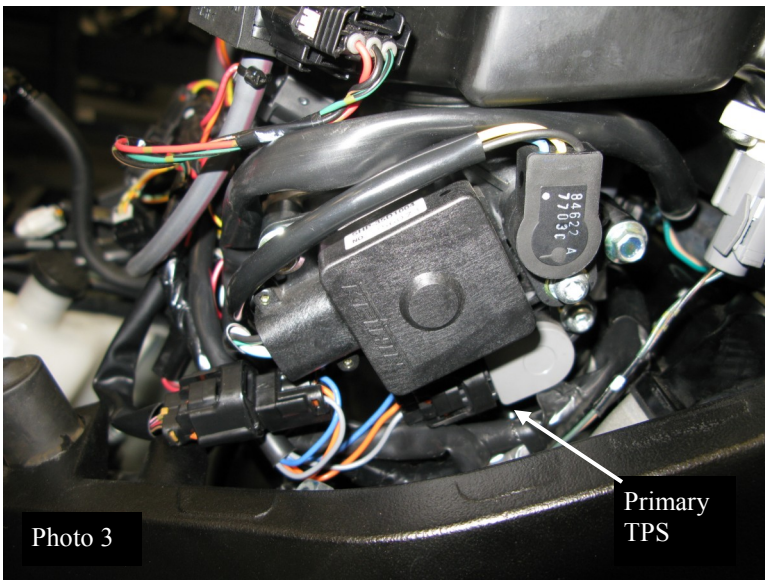

Photo 1

Lower Injector CYL #1

5. Plug the Z-Fi harness in-line with the upper injectors (Photo 2).
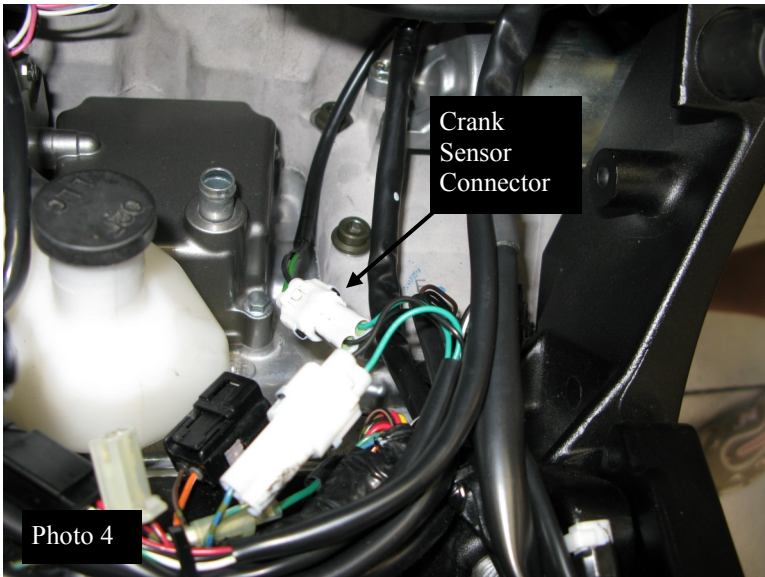
WARNING! Make sure that the Z-Fi harness injector male pins make proper contact with the stock harness injector connectors.
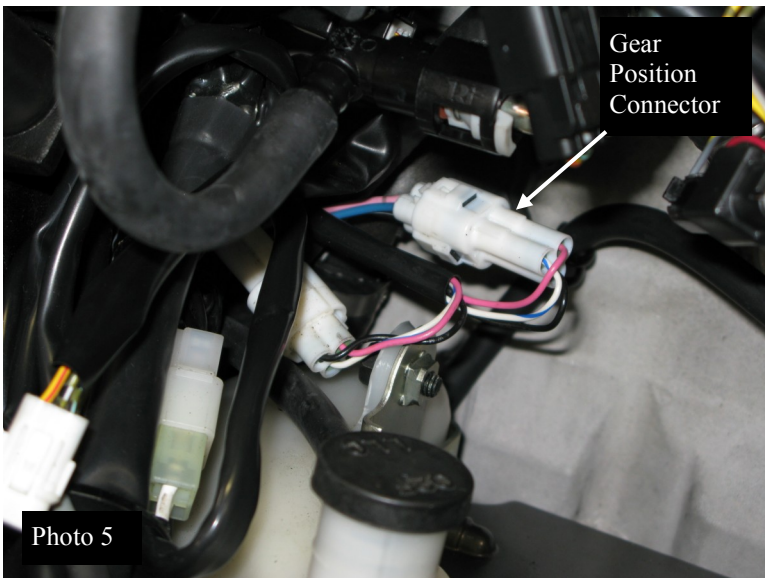

Photo 2

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

Primary TPS

Photo 3

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

Crank Sensor Connector

Photo 4

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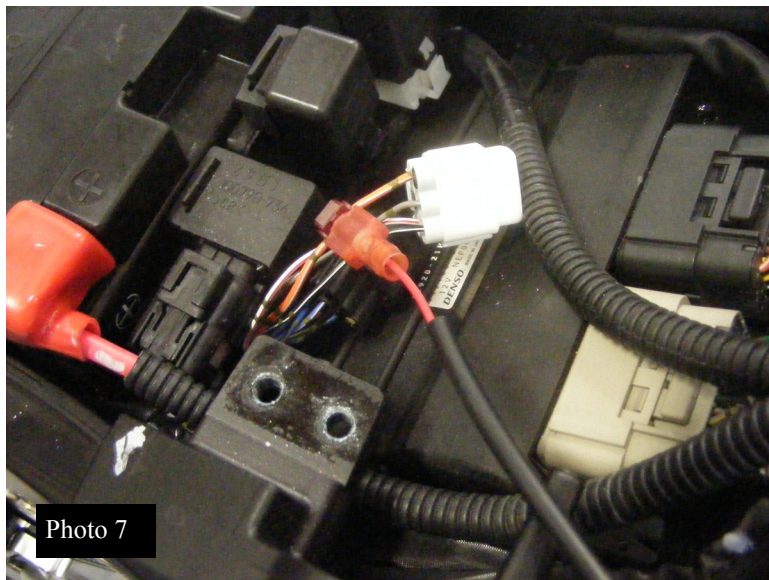
Gear Position Connector

Note:
Don't confuse gear position with secondary TPS as they have the same type of connector.
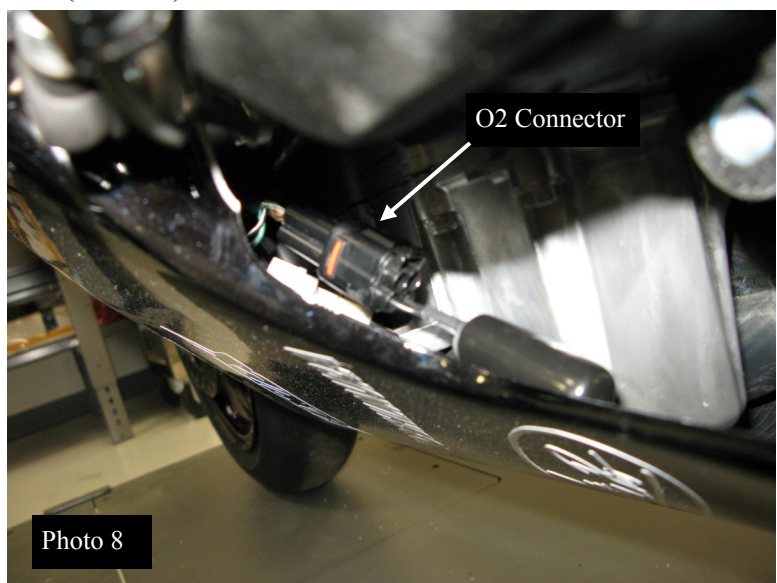
Photo 5

3

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.
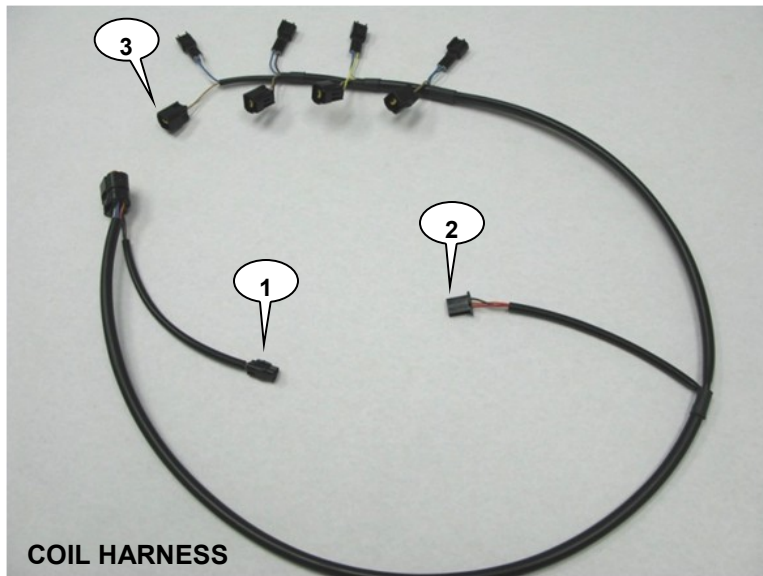

Photo 6

Photo 7

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

O2 Connector

Photo 8
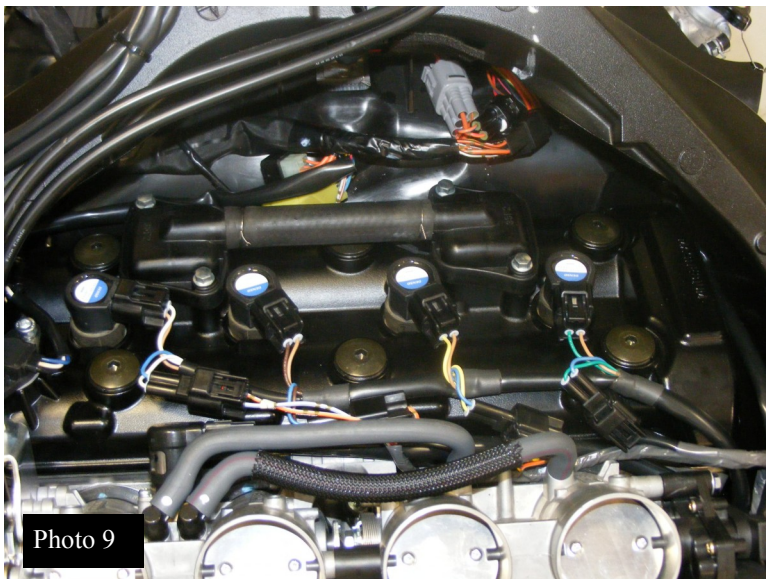
12. Removal of airbox will be necessary for installation of coil harness.

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

COIL HARNESS

(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 9).

Photo 9

15. Replace stock shift rod with supplied Bazzaz shift rod & shift switch (Photo 10).
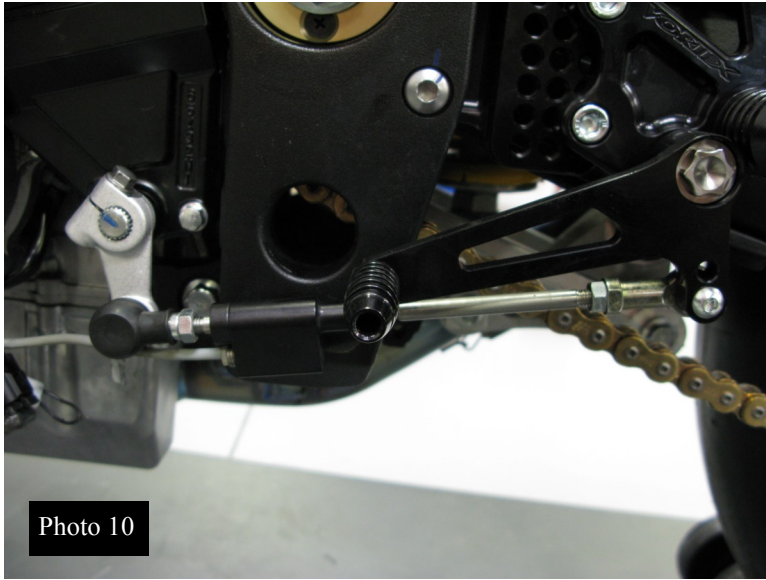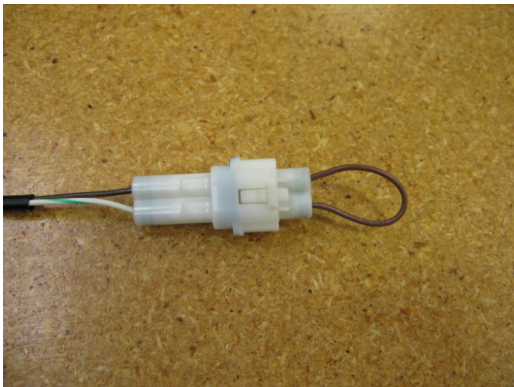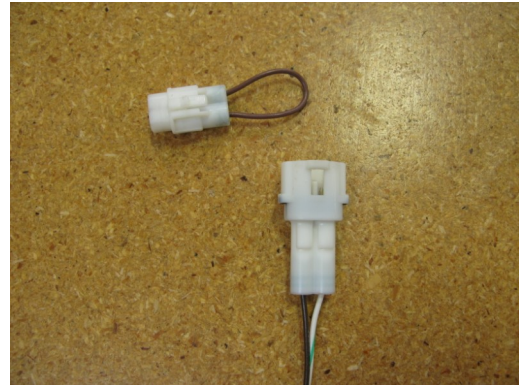

Photo 10

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

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.

Map 1

Map 2

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