# BAZZAZ®

2008-2015 GSXR600 Z-Fi TC INSTALLATION INSTRUCTIONS
P/N T644

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
DOWNLOAD Z-Fi MAPPER SOFTWARE & ITS INSTRUCTIONS FROM WEBSITE
USB CABLE
SCOTCHLOK
SWINGARM STICKERS
O2 ELIMINATOR
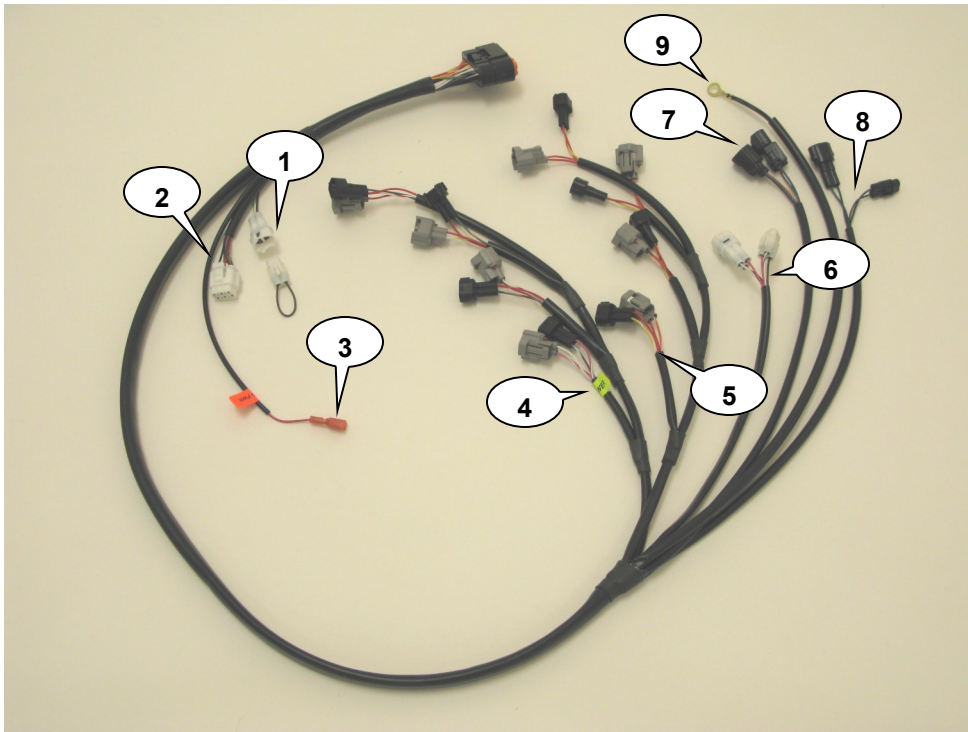
(1) MAP SELECT
(2) ZAFM CONNECTORS
(3) SWITCHED POWER (RED TAG)
(4) LOWER INJECTORS (YELLOW TAG)
(5) UPPER INJECTORS
(6) GEAR POSITION
(7) THROTTLE POSTION SENSOR
(8) CRANK POSITION
(9) GROUND LUG

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.

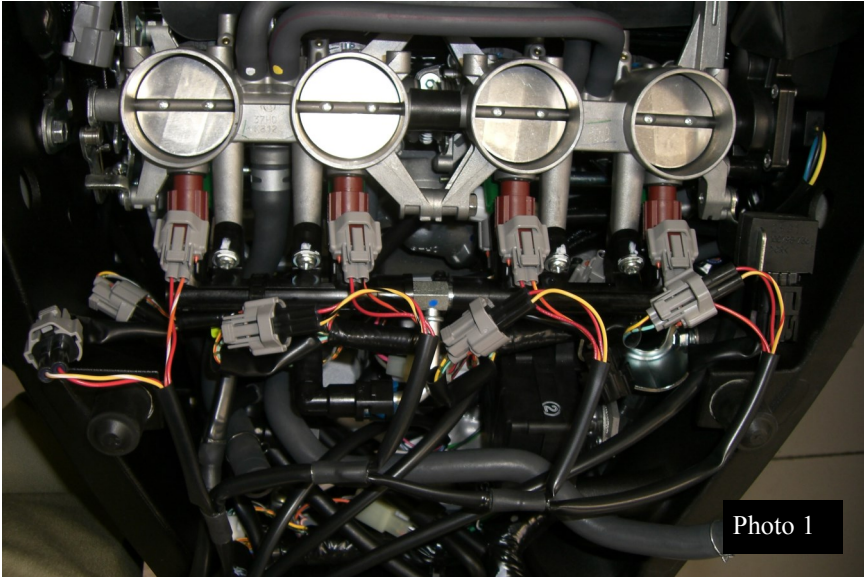4. Plug the Z-Fi harness in-line with the upper injectors (photo 1).

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).
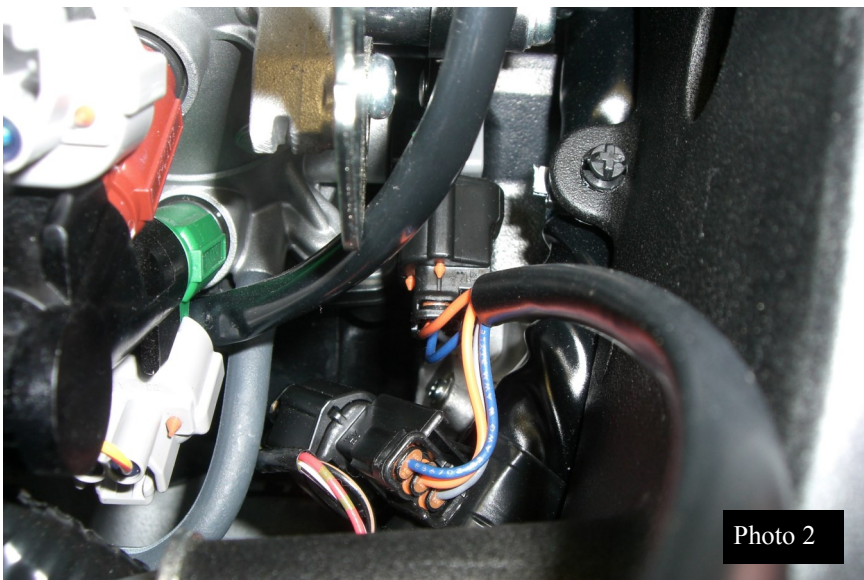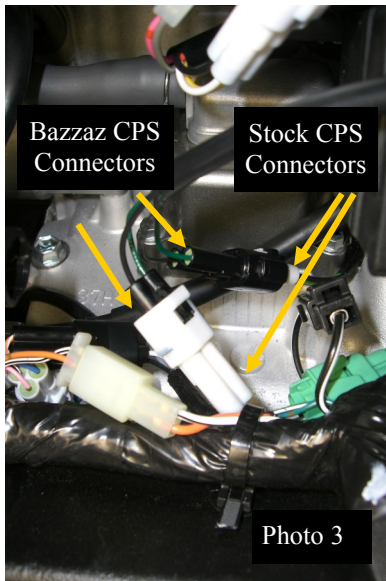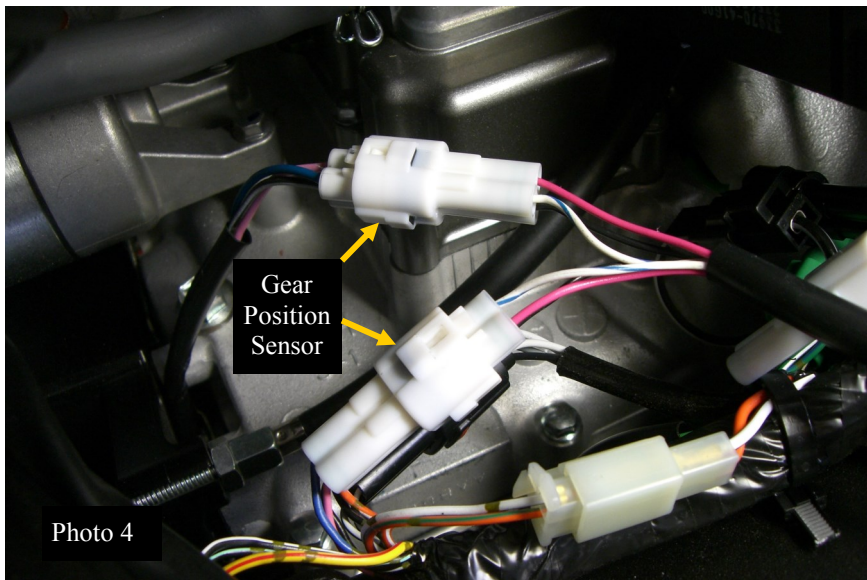

Photo 2

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

Photo 3

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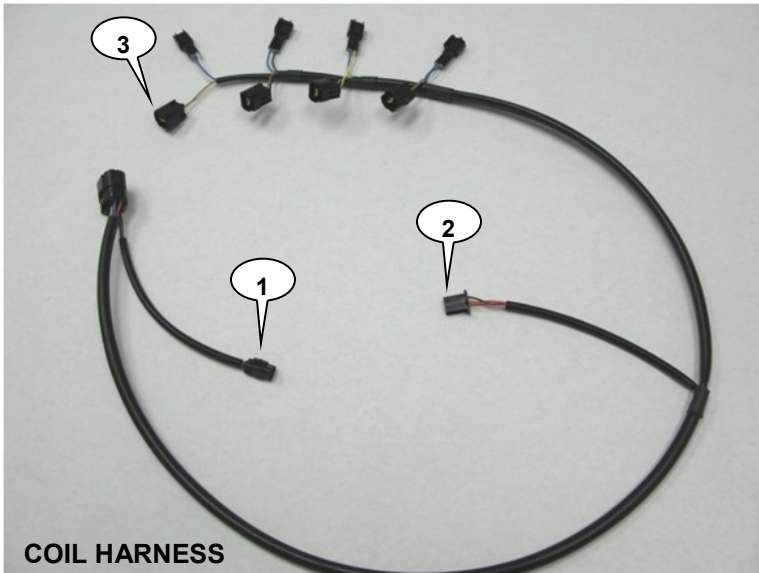

Photo 4

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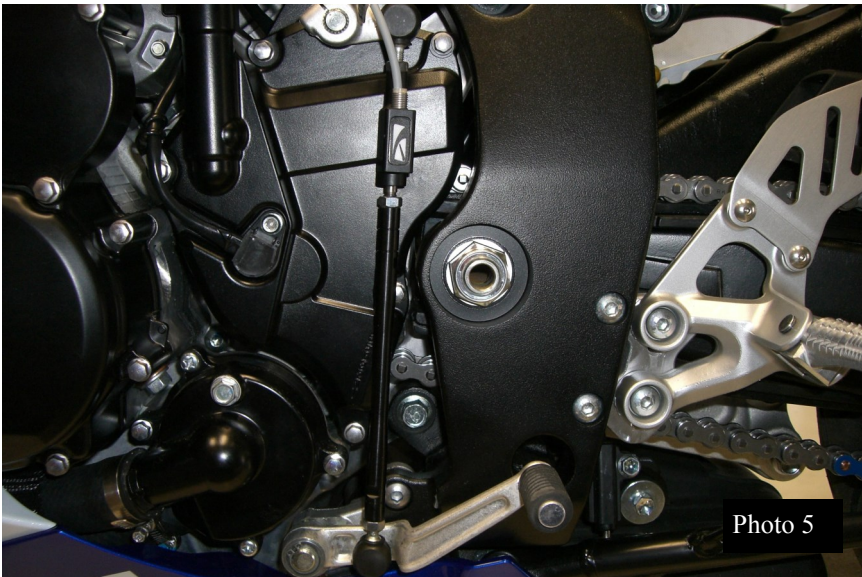
WARNING! Proper alignment of the T-TAP terminal with the scotchlok is critical for proper operation

10. Route the coil harness on the right hand side of the bike and plug the Z-Fi harness in-line with the coils.

COIL HARNESS

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

11. Install the Quick shifter (photo 5).

Photo 5

A) Remove the stock shift rod.
B) In place of the stock rod, install the Bazzaz shift switch on the rear shift linkage.
C) Install the supplied replacement shift rod by screwing it into place between the Bazzaz shift switch and front shift linkage.
D) Secure components by tightening 10mm nuts.
E) Route shift switch sensor cable into engine compartment and connect it with mating connector on the Bazzaz coil harness. Secure shift switch cable away from any moving components as damage to the cable may cause shift switch sensor failure.

12. 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.

13. 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).

Bazzaz O2 eliminator

Stock harness connector

Photo 6
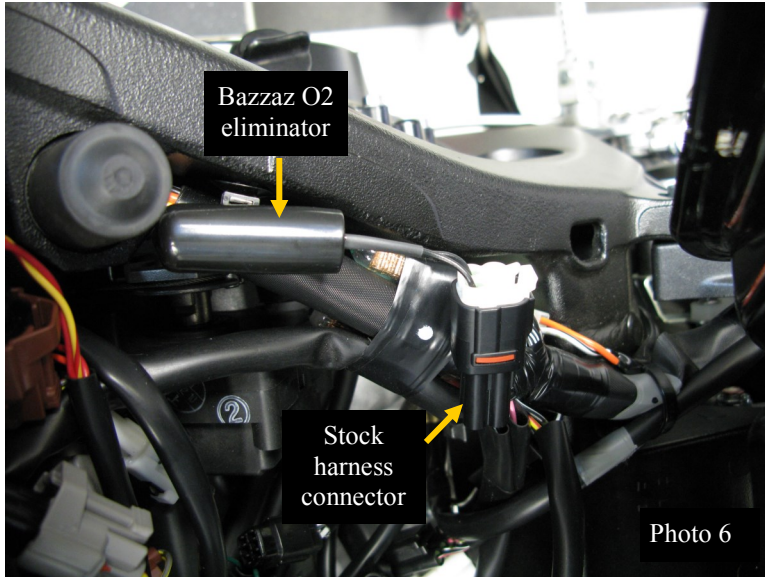
The Bazzaz Z-Fi controller is capable of storing two maps. These maps can be selected through the use of a map select switch which can be mounted on the handlebar for easy access and can be purchased separately. Or these maps can be selected by connecting or disconnecting the map select jumper supplied 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.**

Map 1

Map 2
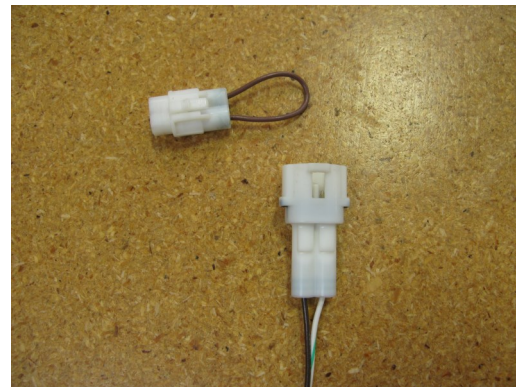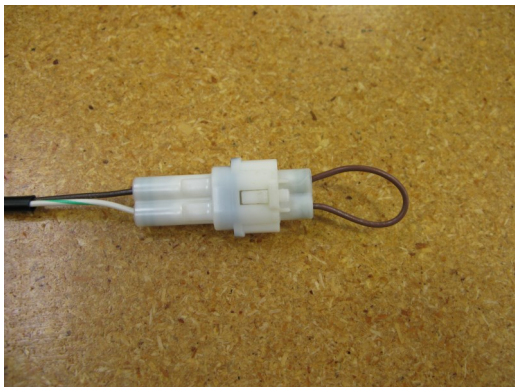
*To create the ideal map(s) we recommend using the optional Z-AFM self-tuning module. *