BAZZAZ®

## 2006-2013 YZF R6 Z-Fi TC / Z-FI QS INSTALLATION INSTRUCTIONS
P/Ns 127030, 127059, 127075, 127089, S740S, S740R, T740S, T740R

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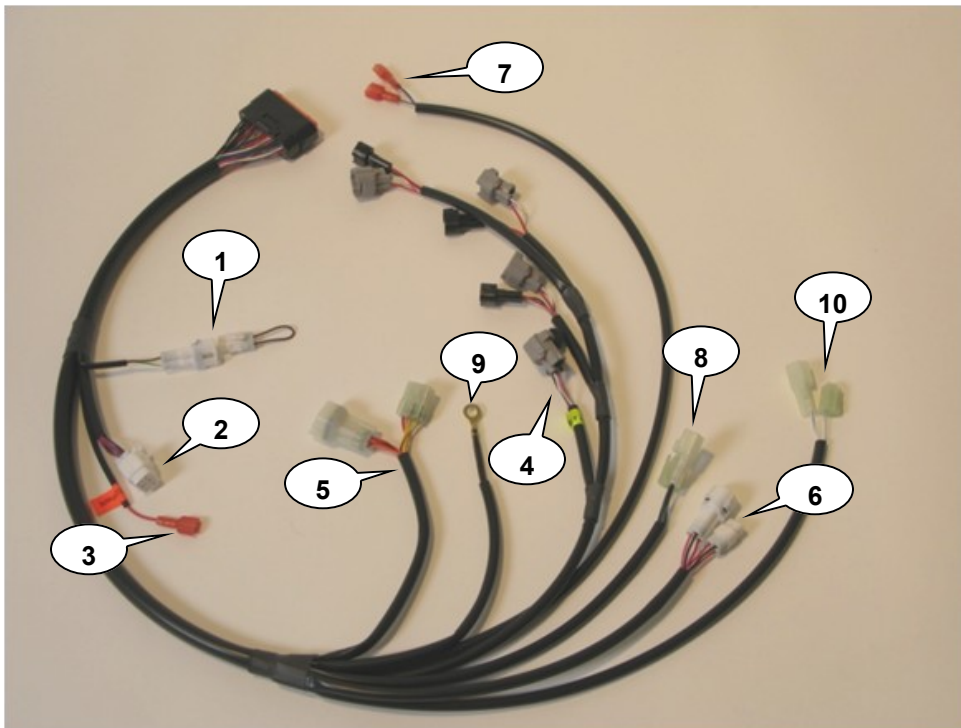
**(1) MAP SELECT
(2) ZAFM CONNECTOR
(3) SWITCHED POWER (RED TAG)
(4) LOWER INJECTORS (YELLOW TAG)
(5) UPPER INJECTORS
(6) SPEED SENSOR
(7) THROTTLE POSTION SENSOR
(8) CRANK POSITION
(9) GROUND LUG
(10) NEUTRAL DETECT SENSOR**

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

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.

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

5. Locate the throttle position sensor. Pull back the insulation and expose the (1) black/blue and the (2) blue wire. Connect the blue wire from the Z-Fi harness to the blue wire on the OEM harness. Now connect the gray wire from the Z-Fi harness to the black/blue wire on the OEM harness using the supplied scotchlok. (Photo 1)

WARNING! Proper alignment of the T-tap terminal with the scotchlok is critical for proper operation.
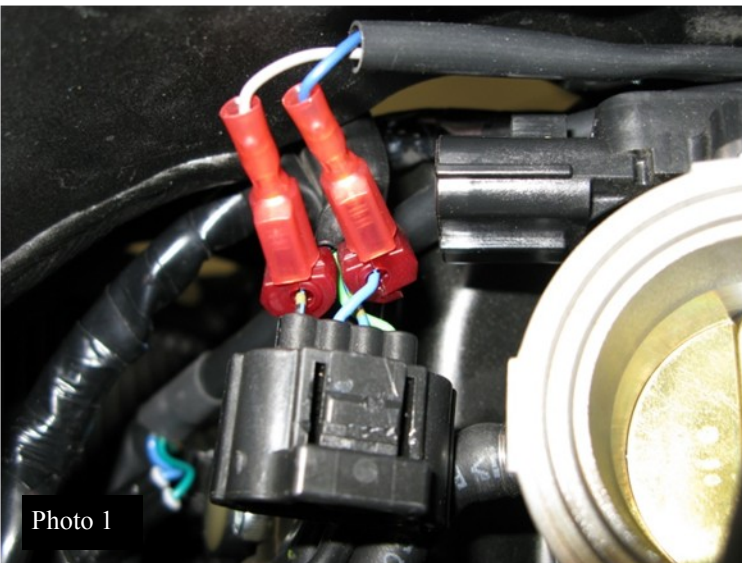
Photo 1

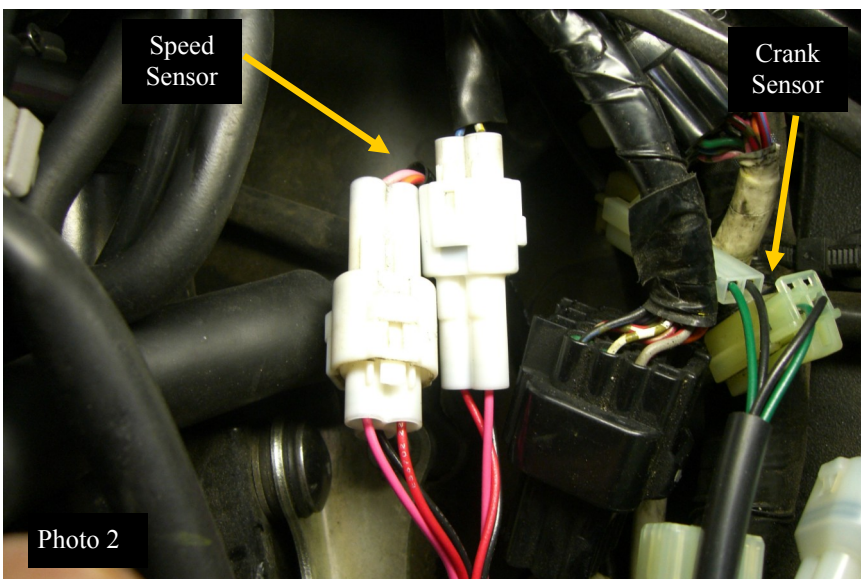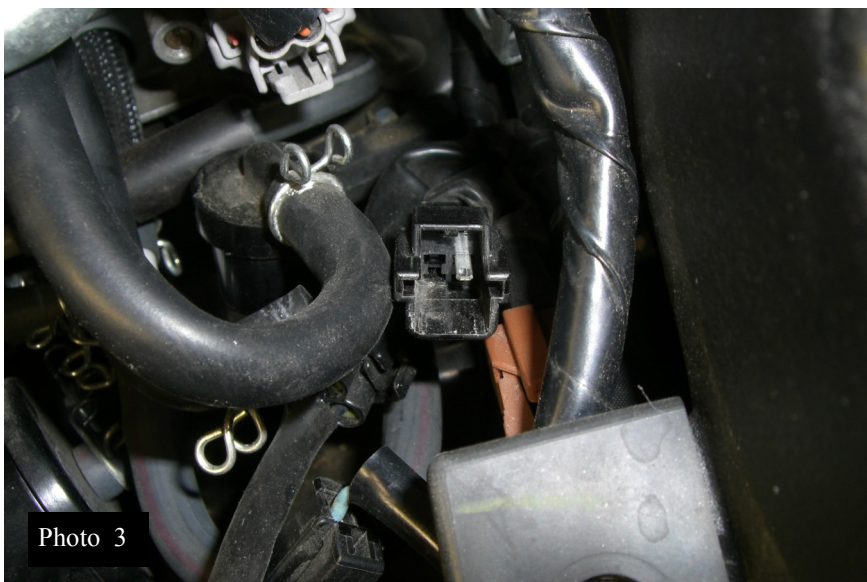6. Plug the Z-Fi harness in-line with the Crank Sensor. (Photo 2)

Speed Sensor

Crank Sensor

Photo 2

2

7. Plug the Z-Fi harness in-line with the Speed Sensor. (Photo 2)

8. Plug the Z-Fi harness in-line with the Neutral Detect Sensor. (Photo 3)
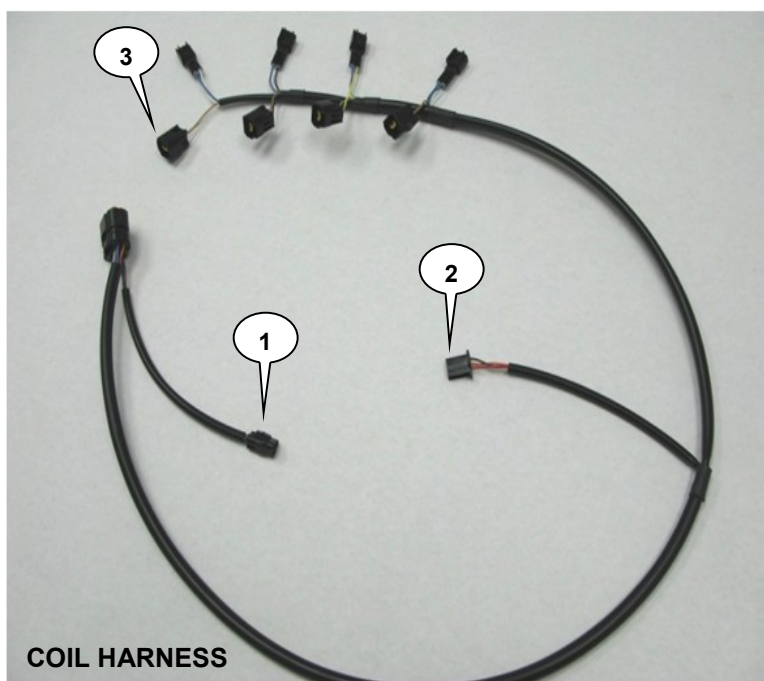

Photo 3

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

10. Locate the rear brake light connector (3 pin white triangle connector). Pull back the insulation to expose blue/red wire. Using supplied scotchlok now connect the switched power (red tag) from the Z-Fi harness to the blue/red wire on the OEM harness.

WARNING! Proper alignment of the T-tap terminal with the scotchlok is critical for proper operation.
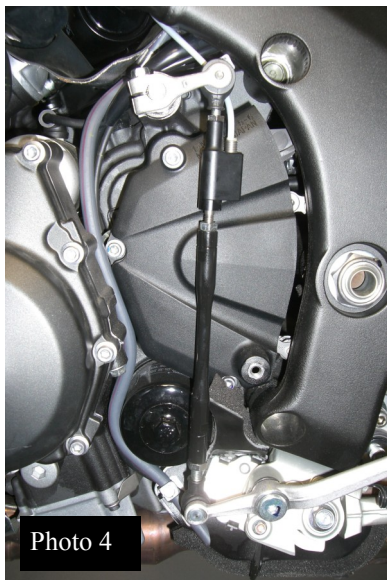
11. Disconnect the stock O2 sensor from the OEM harness and leave unplugged

12. 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

13. Install the Quick shifter. (Photo 4)

Photo 4

A) Remove the stock shift rod. (Photo 4)
B) In place of the stock rod, install the Bazzaz shift switch on the rear shift linkage. (Photo 4)
C) Install the supplied replacement shift rod by screwing it into place between the Bazzaz shift switch and front shift linkage. (Photo 4)
D) Secure components by tightening 10mm nuts. (Photo 4)
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. (Photo 4)

14. 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.

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.
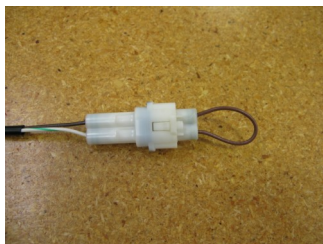
Map 1
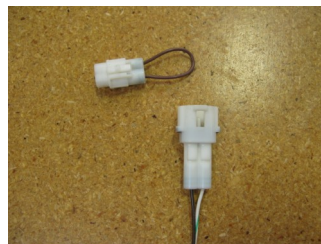
Map 2

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