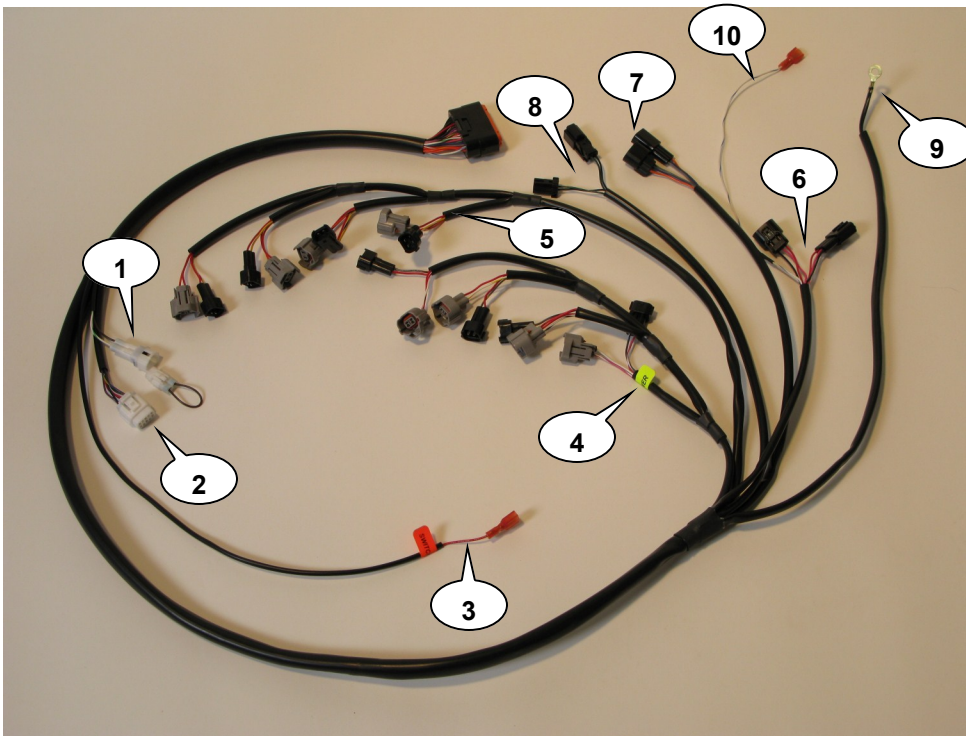# BAZZAZ

2007-2012 CBR600RR Z-Fi TC / Z-FI QS INSTALLATION INSTRUCTIONS
P/Ns T348

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**

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

**For CBR600 kits, verify the corresponding map for your model is selected.
Map 1 contains a map for 2007-2008 models and Map 2 contains a map for 2009-2011 models.**

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

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 (Photo1).

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

Photo 1

4. 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

5. Plug the Z-Fi in-line with the Throttle Position Sensor (Photo 3).

Photo 3

6. Plug the Z-Fi harness in-line with the Crank Sensor (Photo 4).

Photo 4

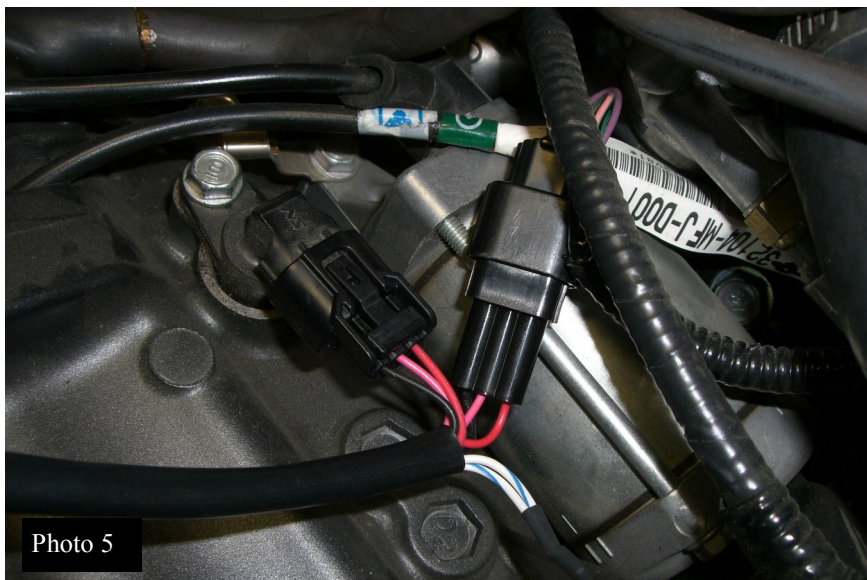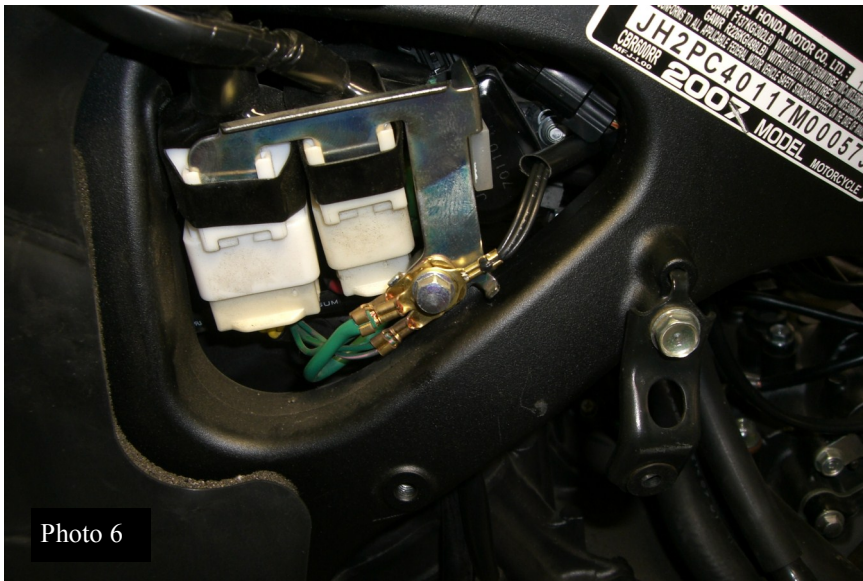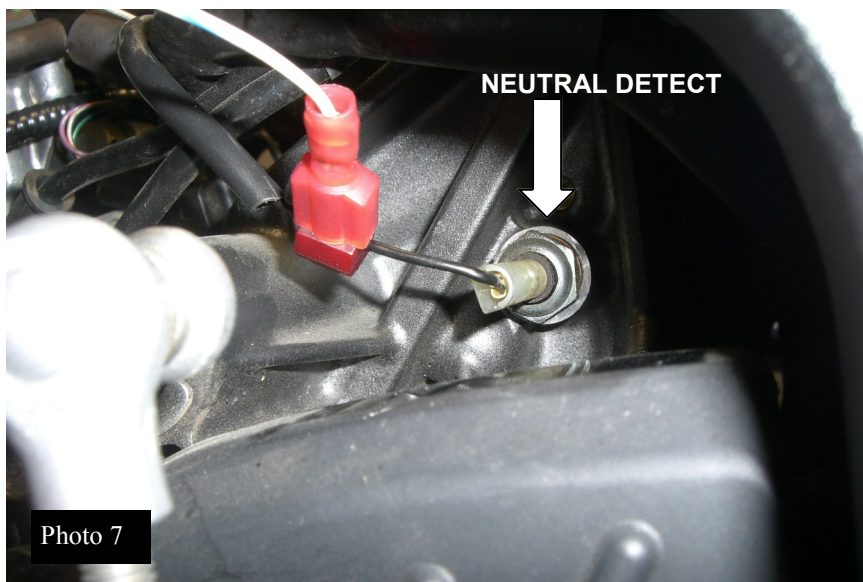7. Plug the Z-Fi harness in-line with the Speed Sensor (Photo 5).

Photo 5

3

8. Attach the ground lug from the Z-Fi to the crankcase using one of the crankcase bolts (Photo 6).

Photo 6

9. Locate the Neutral Detect Sensor. Pull back insulation to expose wire. Using supplied Scotchlok crimp black wire. Insert white/blue wire (T-TAP) into the black wire (Scotchlok). (Photo 7)

NEUTRAL DETECT

Photo 7

WARNING! Make sure that the Z-Fi harness injector male pins make proper contact with the stock harness injector connectors.
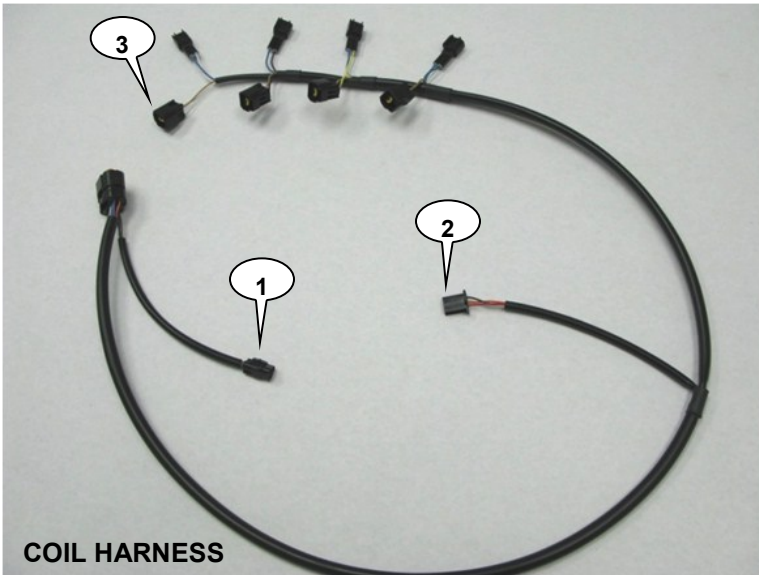
10. Locate the White/Black wire on the Diagnostic connector located in the tail section. Use the supplied Scotchlok to TAP into this wire. (Photo 8)

Photo 8

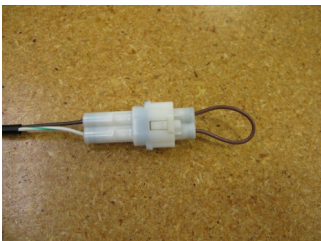11. Insert the Switched Power (red tag) T-TAP into the Scotchlok.

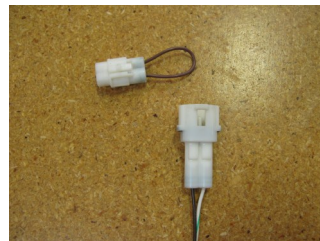12. Route the coil harness on the right hand side of the bike.

COIL HARNESS

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

13. Plug the Z-Fi harness in-line with the coils.
14. Install the shift switch using the supplied hardware.
15. Connect the shift switch to the coil harness.

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 07-08 models.** When the map select jumper is disconnected the control unit is operating using **Map 2 which is the map for the 09-11 models .**

Map 1

Map 2

5