2006-2012 Triumph Daytona 675 / 2007-2012 Triumph Street Triple
Z-Fi TC / Z-FI QS INSTALLATION INSTRUCTIONS
P/N's T540S, T540R, S540S, S540R

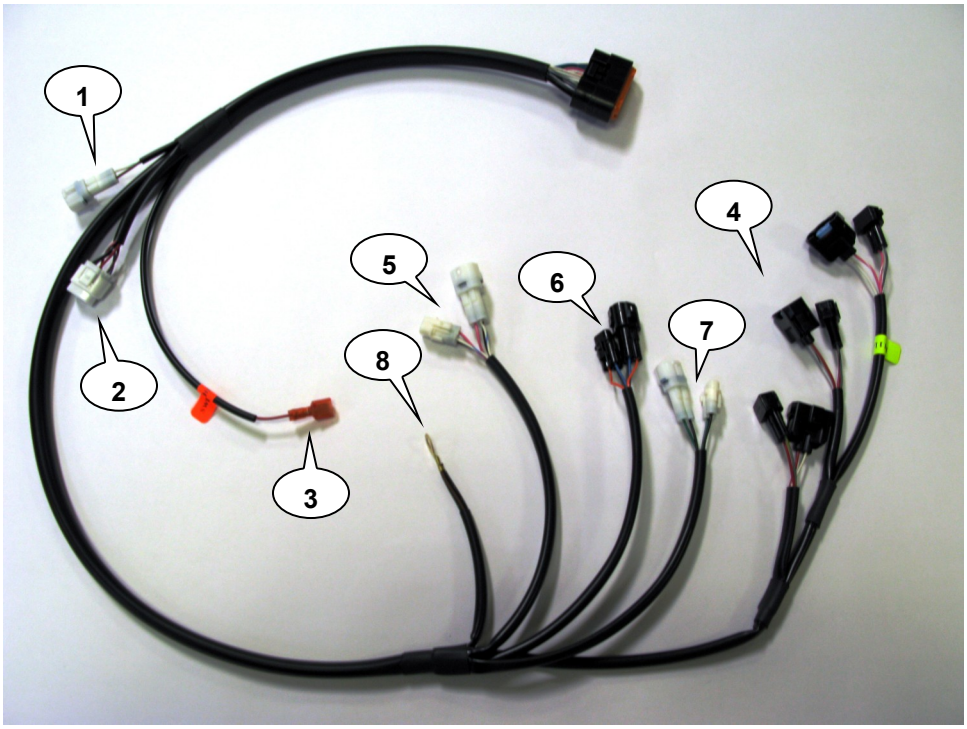
When using stock rear sets on this application, standard shift pattern is the only option. Running reverse shift requires after market rear sets.

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) INJECTOR CONNECTORS (YELLOW TAG IS CYL 1)
(5) GEAR POSITION SENSOR
(6) THROTTLE POSTION SENSOR
(7) CRANK POSITION SENSOR
(8) GROUND LUG

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

Note: Upon installing the system verify you have selected the proper map to correspond to your model. The control unit supplied with this kit has been pre-programmed with two fuel maps. Map 1 is intended for use on the Dayton 675 & map 2 for the Street Triple.

WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

1. Remove following components: Rider and passenger seats, fuel tank, air box and the tail section fairing.

2. Place the control unit in the rear tail section area, securing unit with supplied Velcro. (Photo 1)

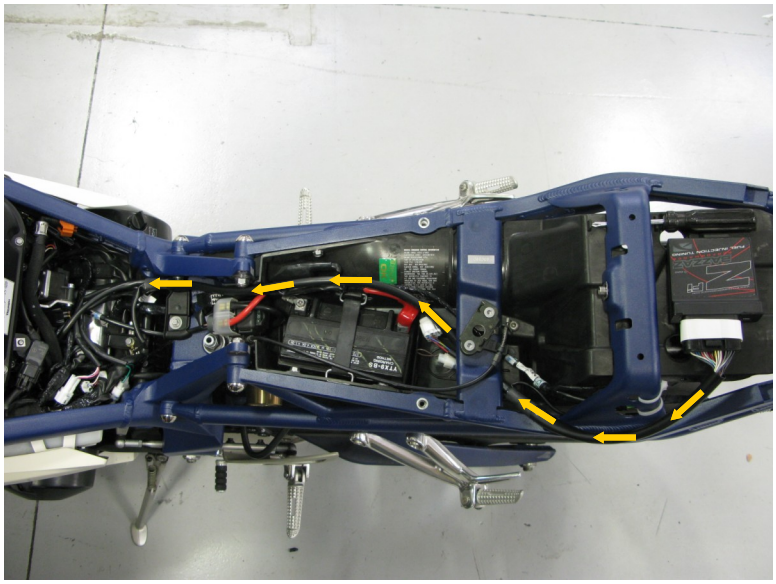
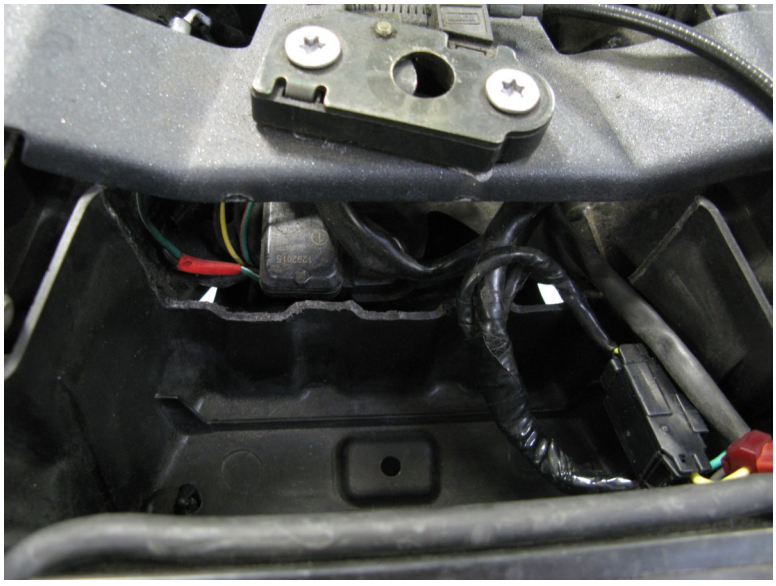
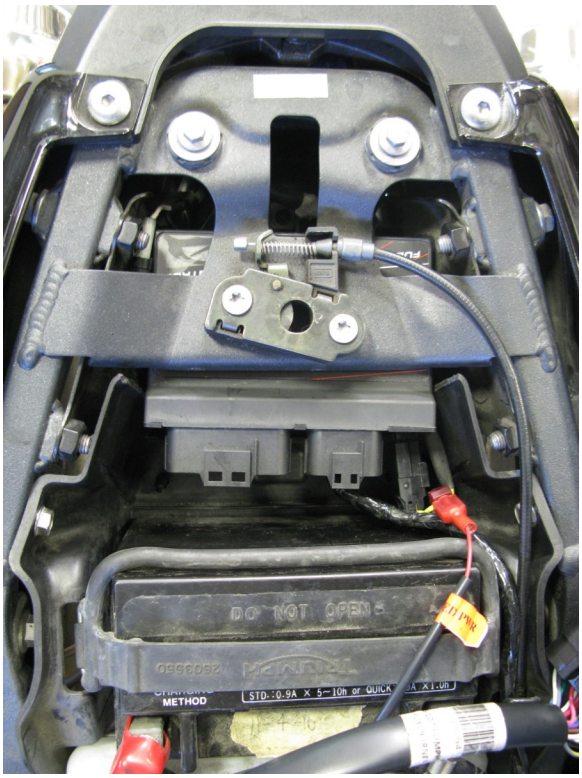


Photo 1

NOTE: If installing on a **Street Triple**, modification of the plastic tray in the tail section of the bike is necessary in order to mount control unit.



Cut-out of plastic tray in order to fit control unit



3. Connect main connector on the Bazzaz fuel harness to the control unit. Then route harness on the right side of the bike from the rear toward the engine. (refer to photo 1)

4. Locate the Throttle Position Sensor (TPS) connector (found on the right side of throttle bodies) and install the mating TPS connectors of the Bazzaz harness inline with the TPS sensor connector and stock wiring harness connector. (Photo 2)

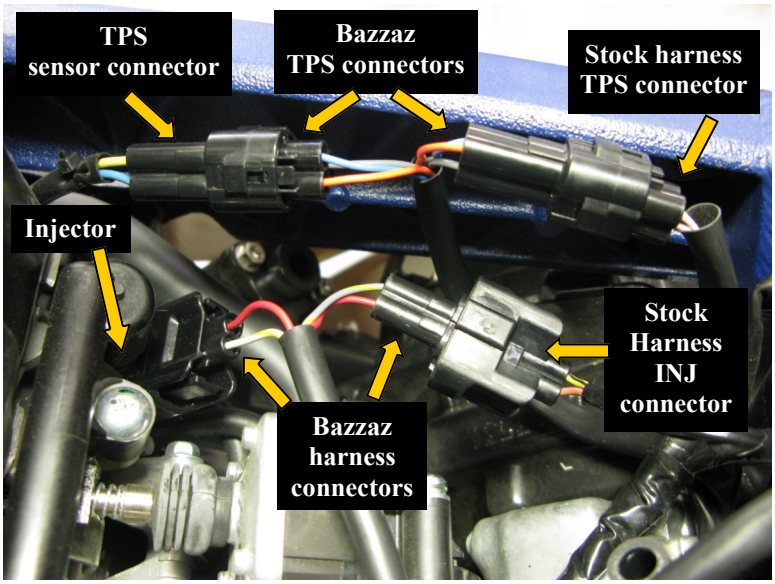
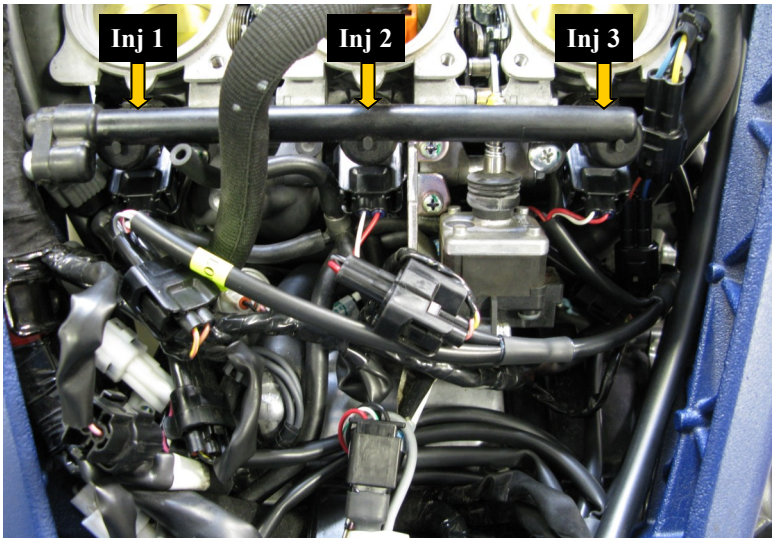


Photo 2

5. Install the Bazzaz harness inline with the three injectors and stock harness connectors. (Photo 3)



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

Photo 3

6. Locate the Gear Position Sensor (GPS) and Crank Position Sensor (CPS) connectors (found near the left side frame rail within engine compartment). Install corresponding Bazzaz connectors inline with the sensor connectors and stock harness connectors. (Photo 4)

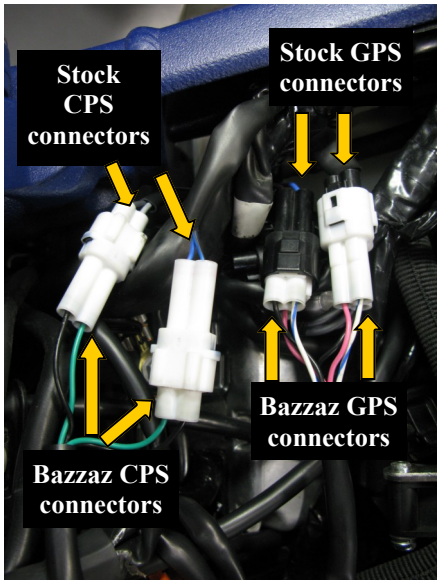


Photo 4

7. Locate the tail light connector (found in the left rear tail section area under passenger seat). Crimp a supplied scotchlok connector onto the yellow wire. Insert the T-Tap with red wire labeled “Power”. (Photo 5)

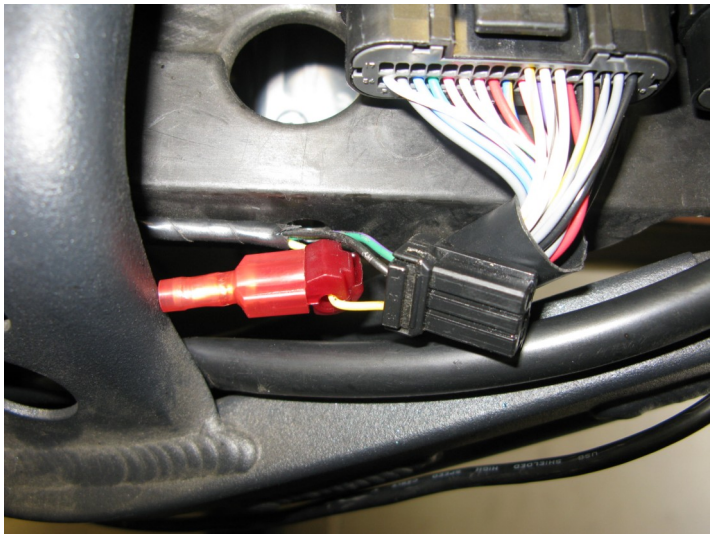


Photo 5

8. Locate the stock chassis ground and attach the Bazzaz ground lug. (Photo 6)

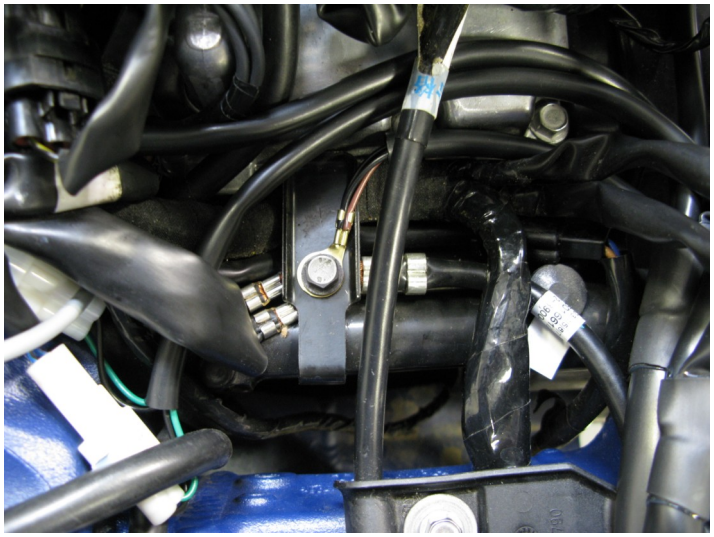


Photo 6

9. The installation of the engine management system requires disconnecting the stock 02 sensor. A supplied 02 eliminator must be connected in place of the 02 sensor connector to avoid triggering a fault code (F1 light). (Photo 7)

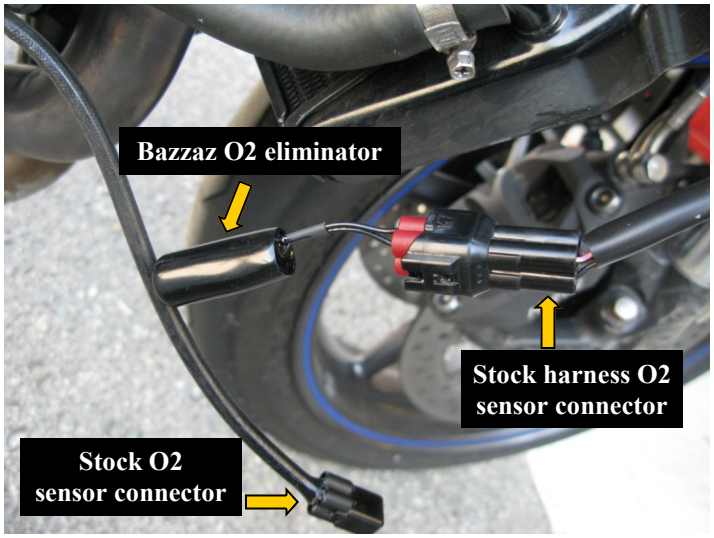


Photo 7

Note:
Secure the 02 sensor wires with cable ties clear of any moving, hot mechanical components.

10. Route the coil harness on the right hand side of the bike. Plug the Z-Fi harness in-line with the coil. (Photo 8)

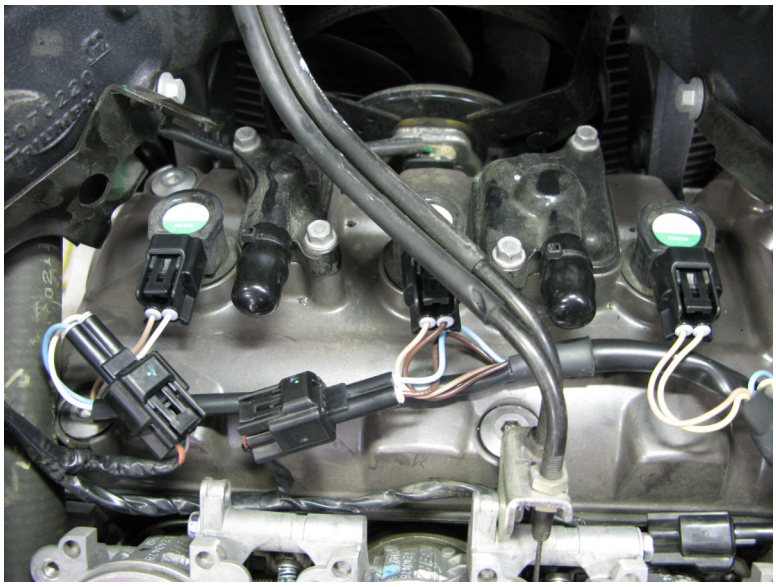


Photo 8

11. Install the Quick shifter. (Photo 9)

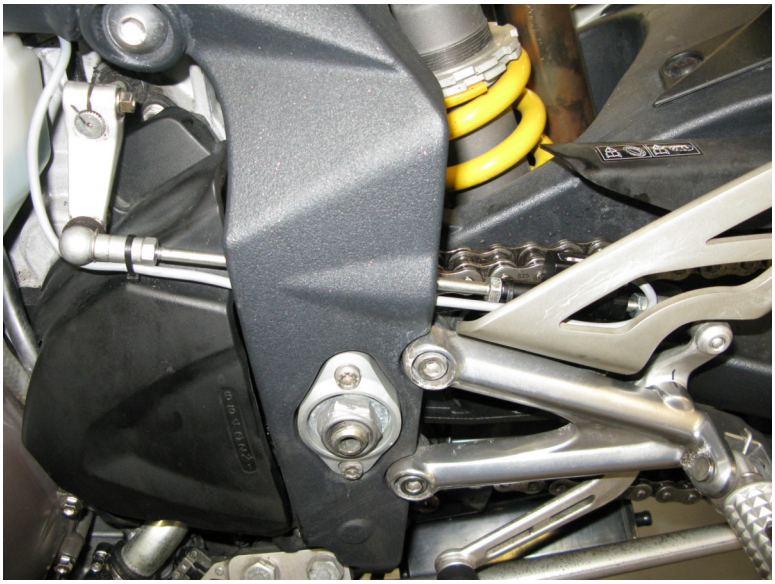


Photo 9

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. Reinstall fuel tank and start bike to verify proper installation and system functionality. After it is determined that everything is correct reinstall the components removed in step 1.
Note: A modification to your passenger seat or cowl may be necessary with the Bazzaz controller location. (Photo 10)

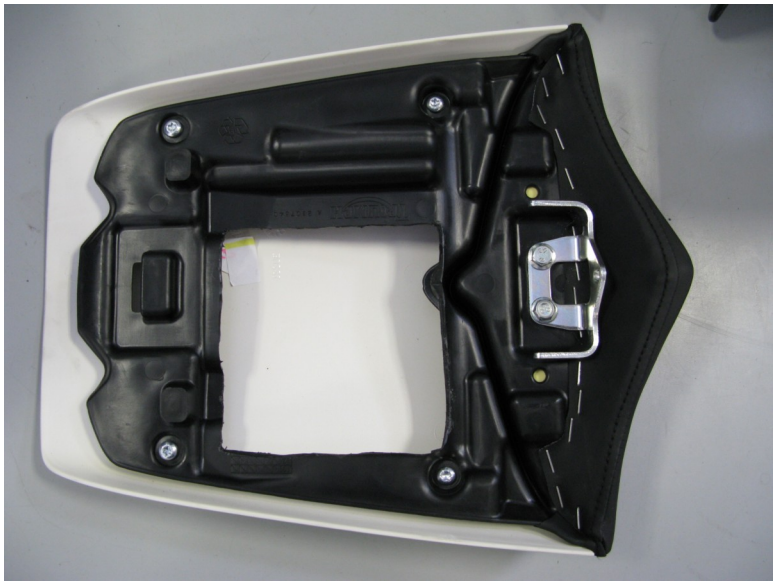


Photo 10

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.

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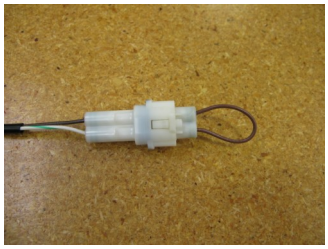
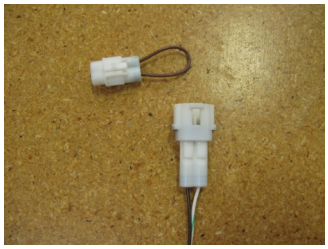


Map 1



Map 2

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