

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

TRIUMPH BONNEVILLE 2009-2014 F1592 FUEL CONTROL

1 > READ

WARNINGS > INSTALLING



- We strongly suggest that an experienced technician install this product.
- Read through all instructions before beginning installation.
- This document is intended for use by qualified technicians.
- This is not a replacement for the factory Engine Control Unit (ECU).
- Refer to a factory service manual for more specific stock component identification/location information and removal/assembly procedures.

WARNINGS > USING



- Use only in race or other closed-course applications and never on public roads.
- Z-Fi products are not certified by the California Air Resource Board (CARB) for use on CA highways.

GETTING HELP



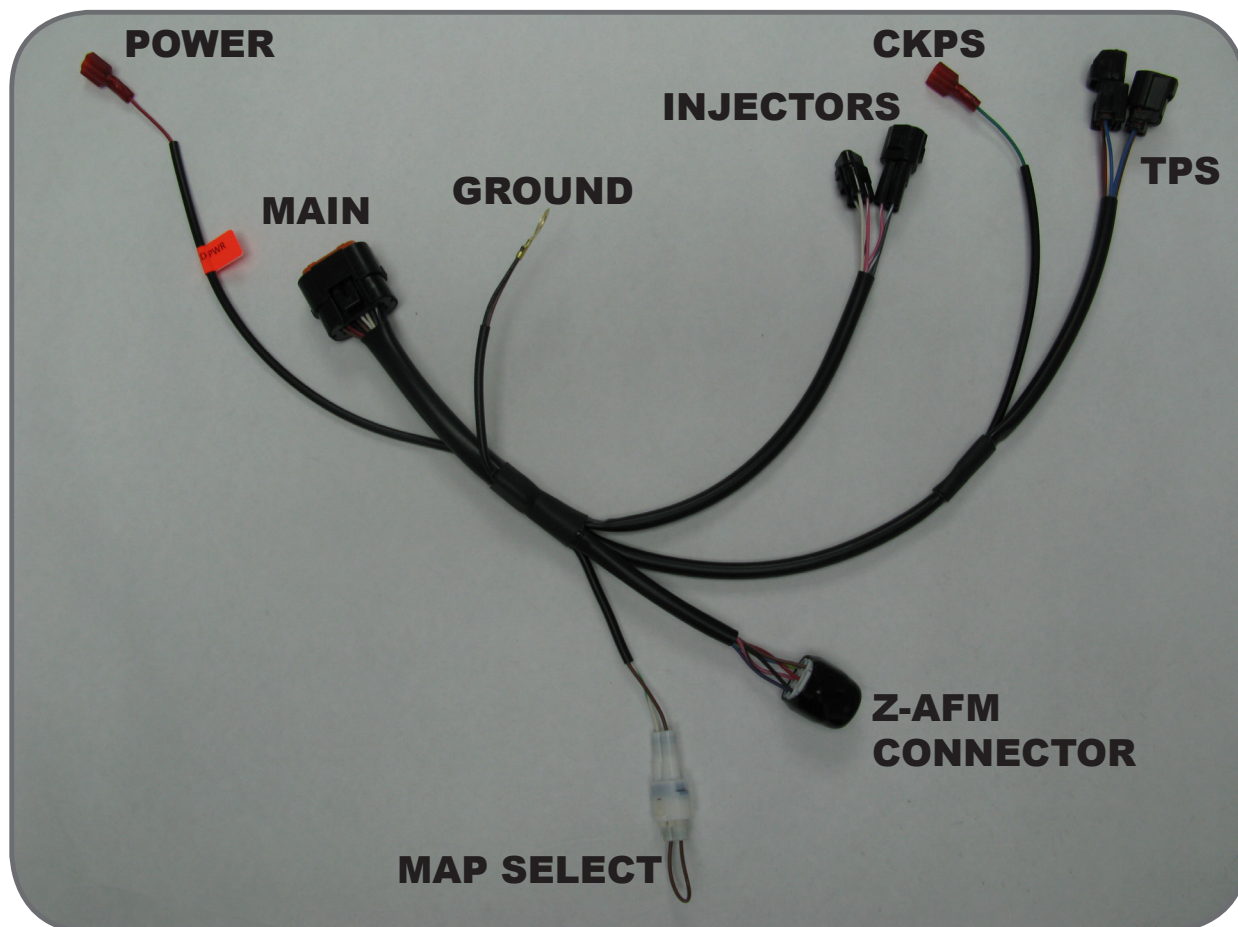
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

1. Z-Fi Control Unit
2. Fuel Harness
3. USB Cable
4. Scotchlok (2)
5. Swingarm Stickers
6. O2 Eliminator (2)
7. Zip Ties

FUEL HARNESS

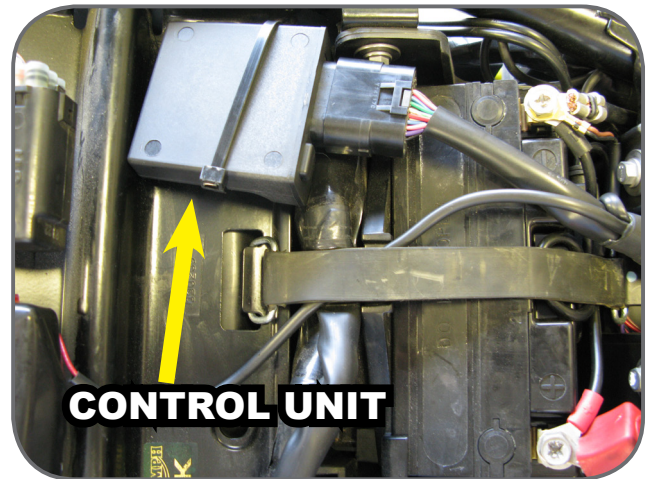


3> REMOVE

1. Seat
2. Right Side Panel

4> SECURE

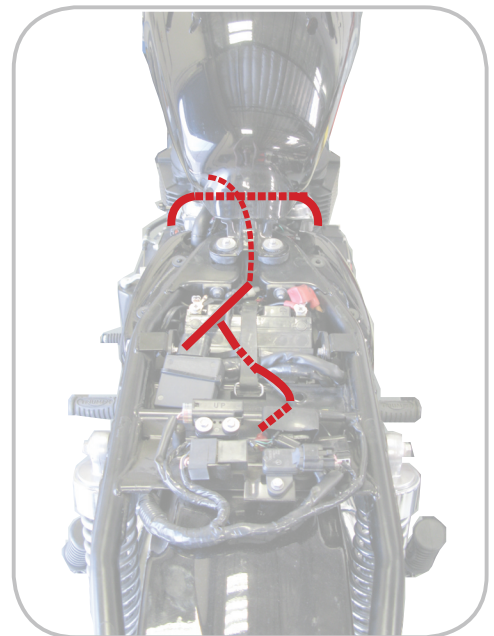
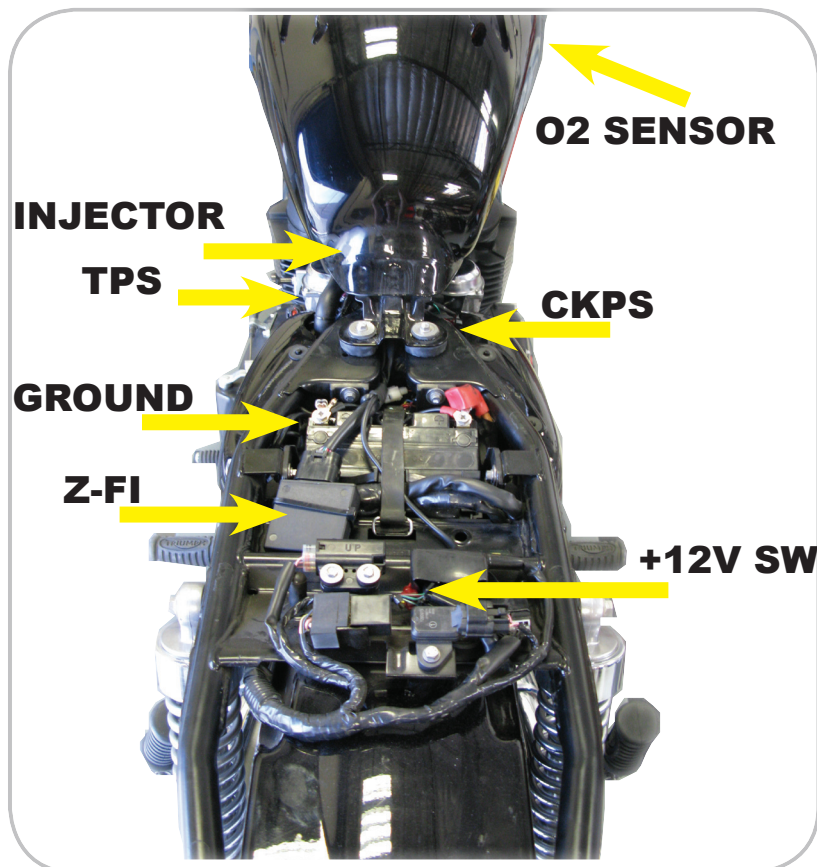
1. Secure the Bazzaz control unit with the supplied zip tie.



5> CONNECT

5.1

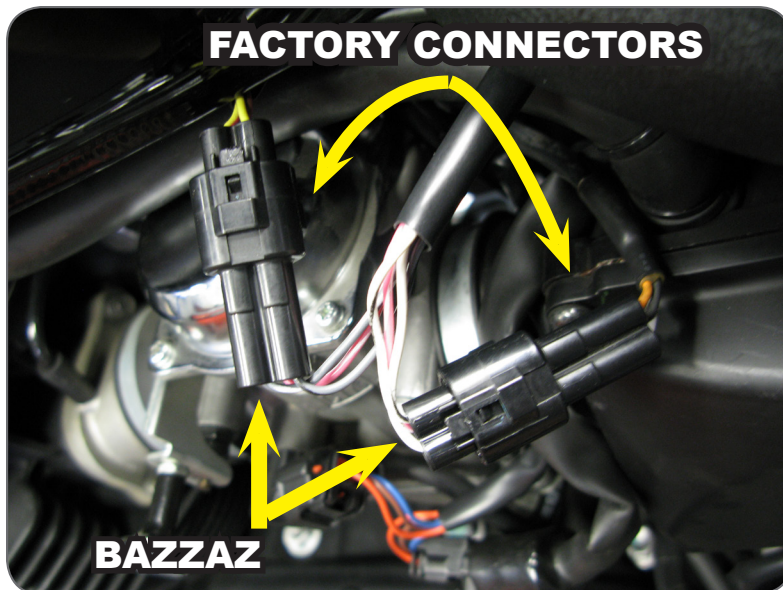
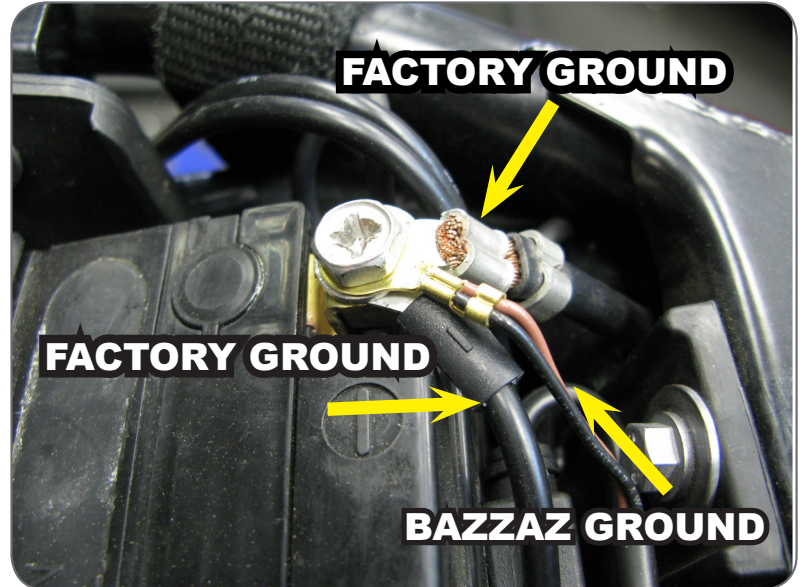
1. Connect the Bazzaz fuel harness to the control unit and begin to route the harness as shown in the following photo.



5>CONNECT (CONT.)

5.2

1. Locate the Bazzaz ground lug and connect to the negative battery terminal.



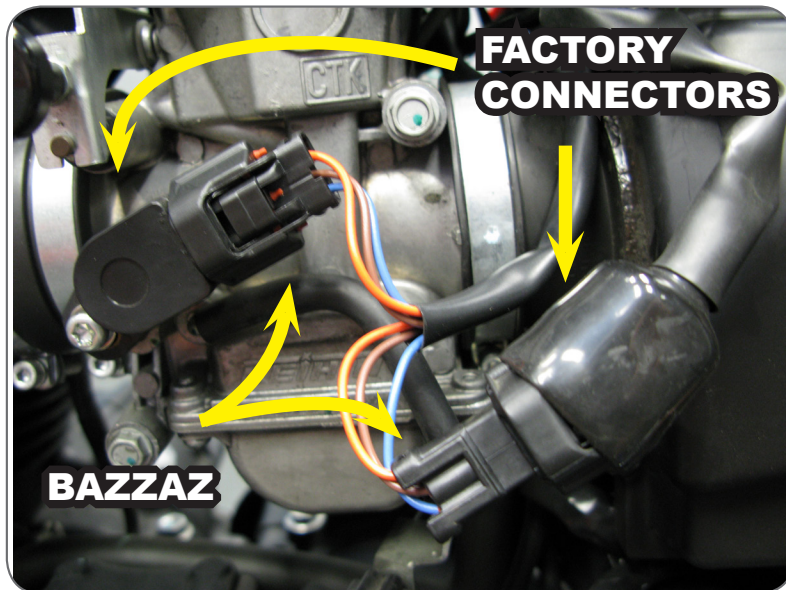
5.3

1. Locate the factory injector connectors which can be found along the left hand side of the bike beneath the fuel tank.
2. Disconnect the factory injector connector, and install the Bazzaz injector connector in line.

5>CONNECT (CONT.)

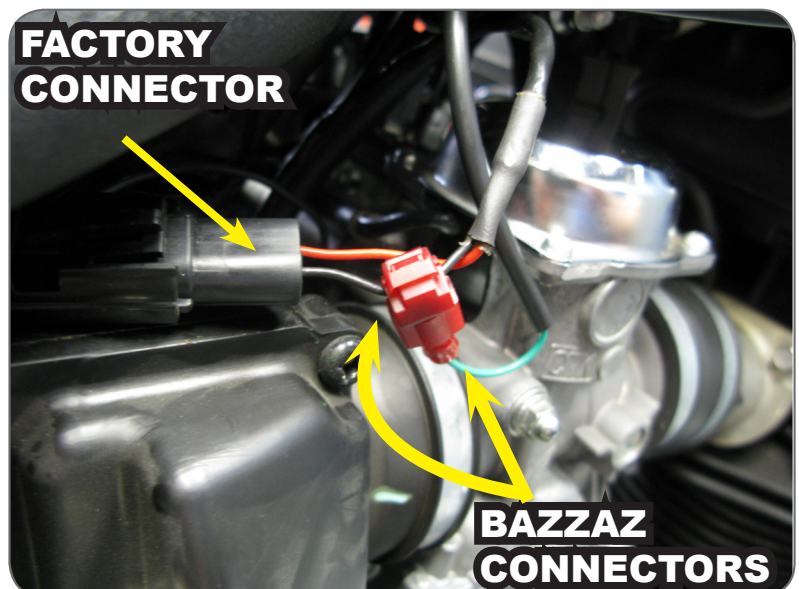
5.4

1. Locate the factory TPS connector, which can be found on the left hand side of the bike directly on the side of the factory throttle bodies (connector may have a black rubber boot covering it).
2. Disconnect the factory TPS connector.
3. Connect the Bazzaz TPS connectors in-line, between the factory connectors.



5.5

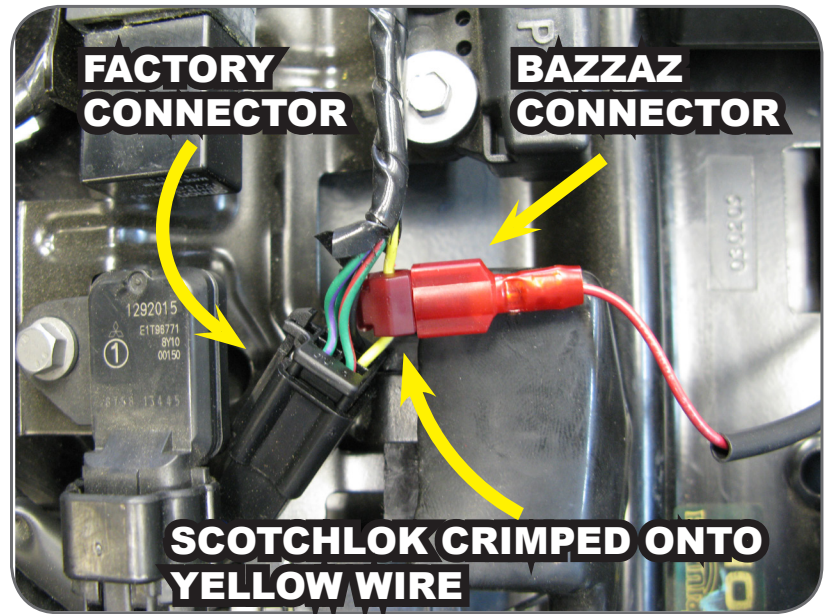
1. Locate the factory CKPS connector, which can be found on the right hand side of the bike near the rear tank mount.
2. Separate the factory black wire and use the supplied scotchklok to crimp onto the factory black wire.
3. Connect the Bazzaz CKPS connector.



5>CONNECT (CONT.)

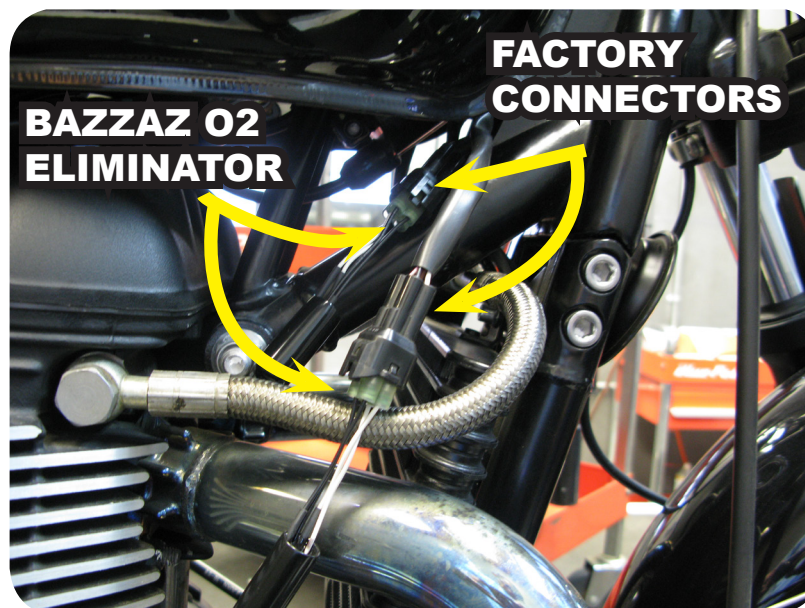
5.6

1. Locate the six pin factory tail light connector near the factory diagnostic connector.
2. Separate the factory yellow wire.
3. Using the supplied scotch lok, crimp onto the factory yellow wire, and connect the Bazzaz switch power connector.



6>O2 SENSOR

1. Locate the factory O2 sensor connectors above the oil cooler towards the neck of the frame.
2. Disconnect the factory O2 sensor connectors, and install the supplied O2 eliminators.
3. The wires should be neatly secured away from any moving components, or the sensor may be removed and the remaining port/bung in the exhaust can then be plugged.



7>SECURE



Use the supplied cable ties to secure the harness neatly along the routing path **free of any moving or hot components** (which could cause damage or failure of the system).

8>CHECK



1. In order to check that the system is installed correctly, download the Bazzaz Z-Fi Mapper software at bazzaz.net.
2. Plug the USB cable into the control unit and computer.
3. Locate and open the Z-Fi Mapper software.
4. Check that the pre-programmed map matches the model of your bike on the fuel map page within the software. You can switch from map 1 to map 2 by unplugging the map select jumper on the Bazzaz fuel harness. Map 1 will be pre-programmed; depending on your model, there may be a pre-programmed map in the map 2 slot. If map 2 is blank, stock ECU settings are used. Make sure that the jumper is left plugged in or unplugged, depending on which map you choose.
5. Start the vehicle and begin to check that the following inputs read correctly on the fuel map page.
 - RPM - Make sure that the RPM is reading near what the vehicle is idling at.
 - TPS - When throttle is applied, the TPS should read accordingly. Fly-by-wire models must be running to check TPS. Normal cable operated throttles can be checked with just the key on, not running.

Also use software to:

- View and/or make adjustments to fuel maps
- Activate Z-AFM self mapper (sold separately)
- Save and load new fuel maps
- Re-calibrate throttle position sensor after throttle modifications
- View diagnostics for troubleshooting



If any problem is found, please carefully follow through the installation steps again.



If problem still persists, please contact Bazzaz tech support

- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net

9>REINSTALL

After it is determined that everything is correct, reinstall the components removed in step 3.

10>USE



MAP 1



MAP 2

MAPS

The Bazzaz controller is capable of storing two maps.

Switch maps by connecting or disconnecting the map select jumper supplied with the kit.

Or use the optional handlebar-mounted switch to switch maps on the fly (sold separately).

11>NEXT LEVEL

MAP SELECT SWITCH

Purchased separately.

79.95

Switch maps on the fly with this handlebar-mounted switch. Weatherproof toggle and easy installation.



ZAFM SELF MAPPER

Purchased separately.

Build race-level fuel maps for your specific modifications, fuel type, engine, and atmospheric conditions simply while riding.

O2 sensor mounts into exhaust and control box easily plugs in to any Bazzaz Z-Fi product.

299.95



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

F1592