

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFI TC FUEL + QS + TRACTION CONTROL

**KAWASAKI ZX636 NINJA 2013
S448S, S448R, T448S, T448R**

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 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



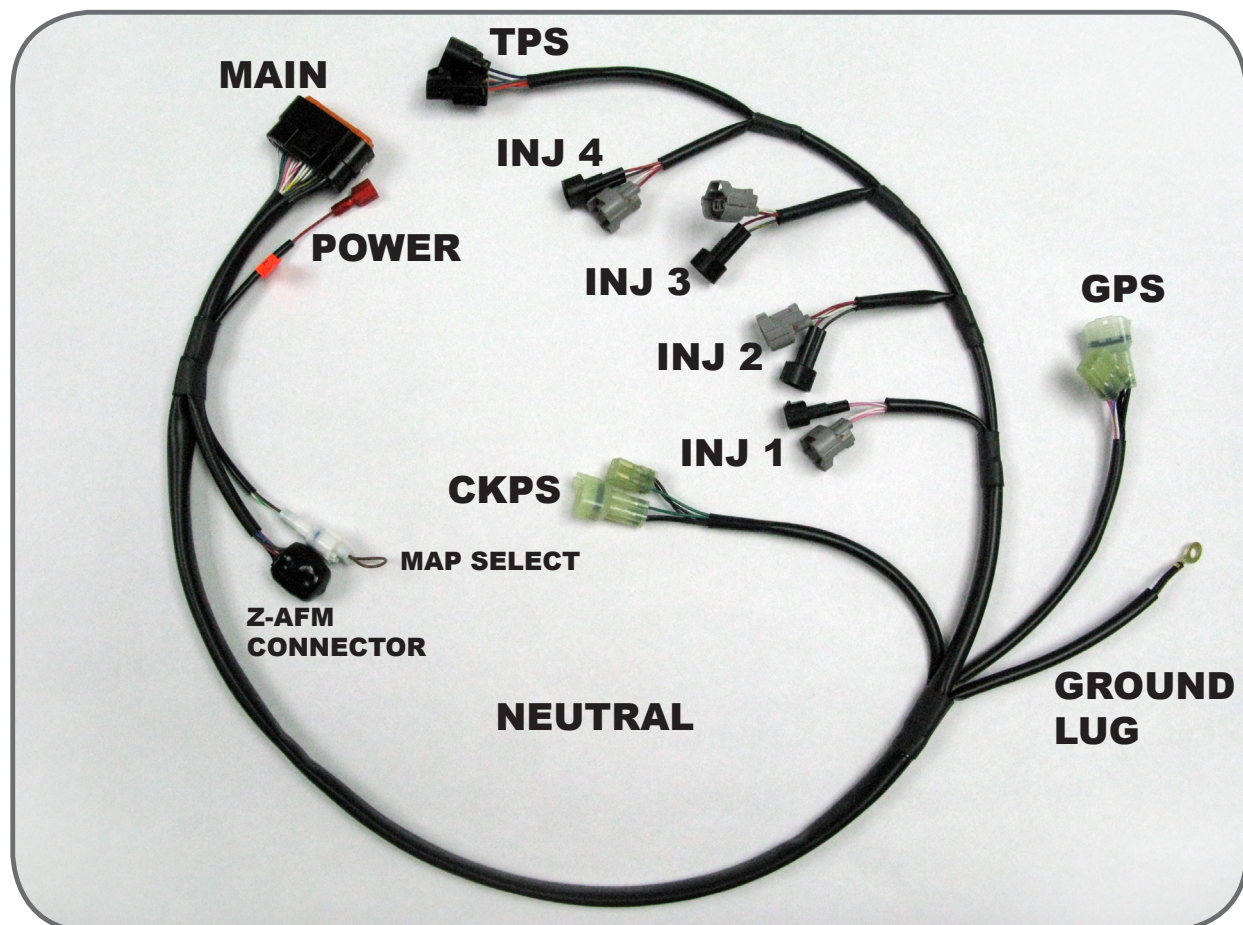
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

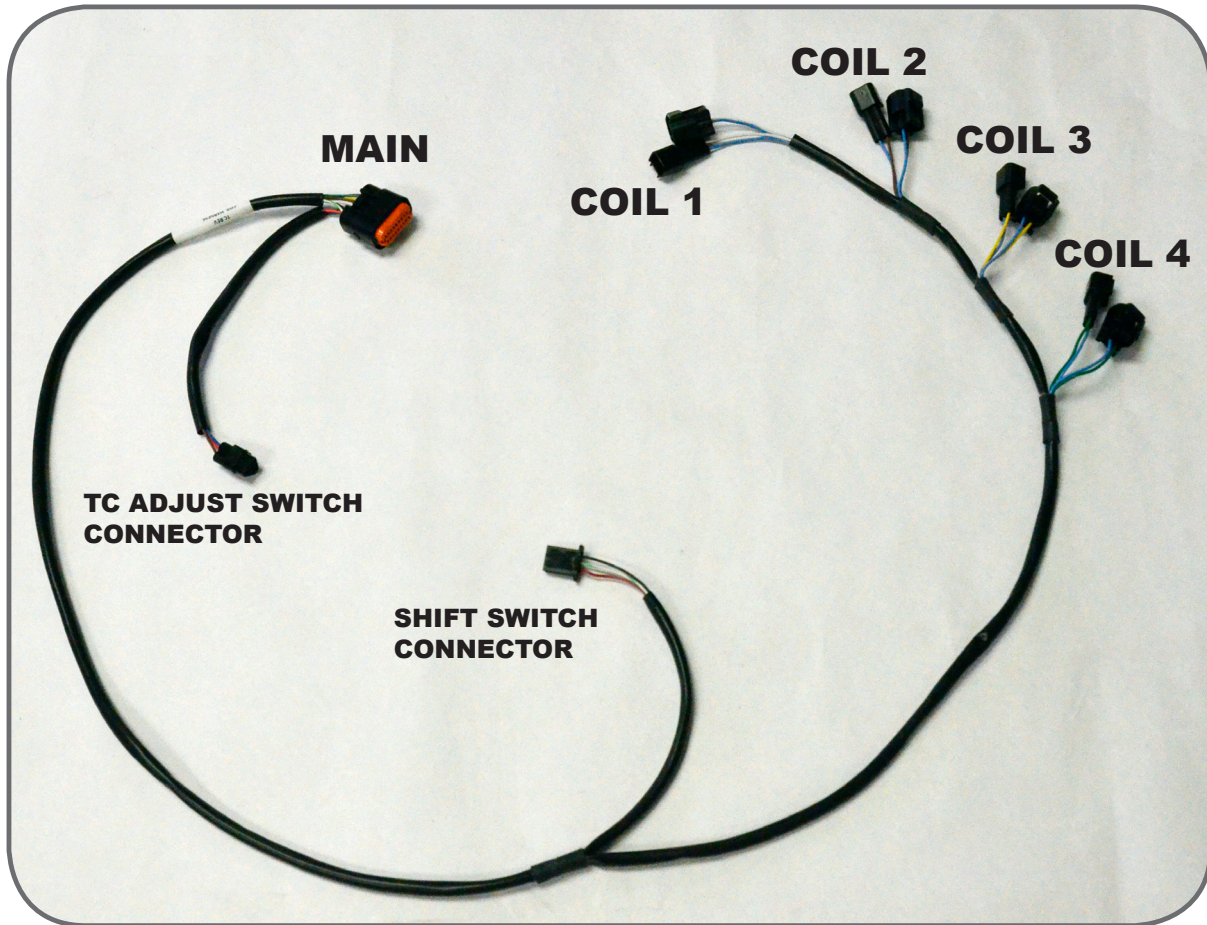
1. Z-Fi QS/TC control unit
2. Fuel harness
3. Coil harness
4. Shift Switch and mounting hardware
5. USB cable
6. Scotchlok (1)
7. Zip ties
8. Velcro

FUEL HARNESS



2>IDENTIFY (CONT.)

COIL HARNESS

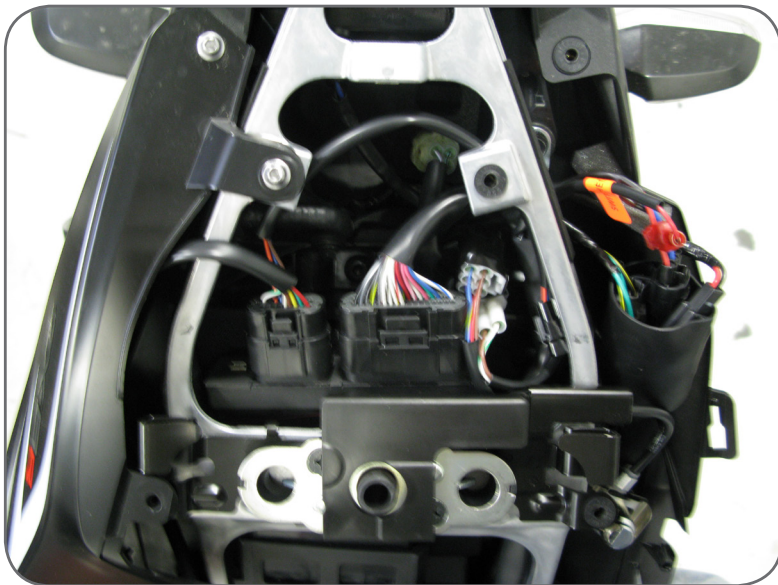


3> REMOVE

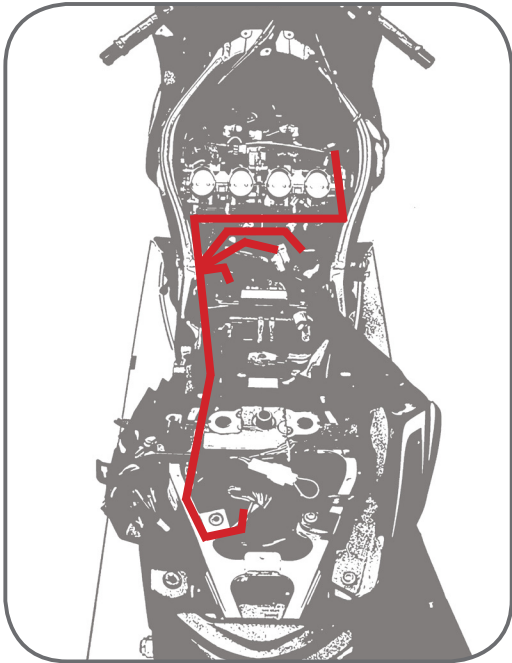
1. Tank panels
2. Seats
3. Left side tail panel
4. Airbox

4> SECURE

1. Mount the control unit in the tail section of the motorcycle, using the supplied Velcro.

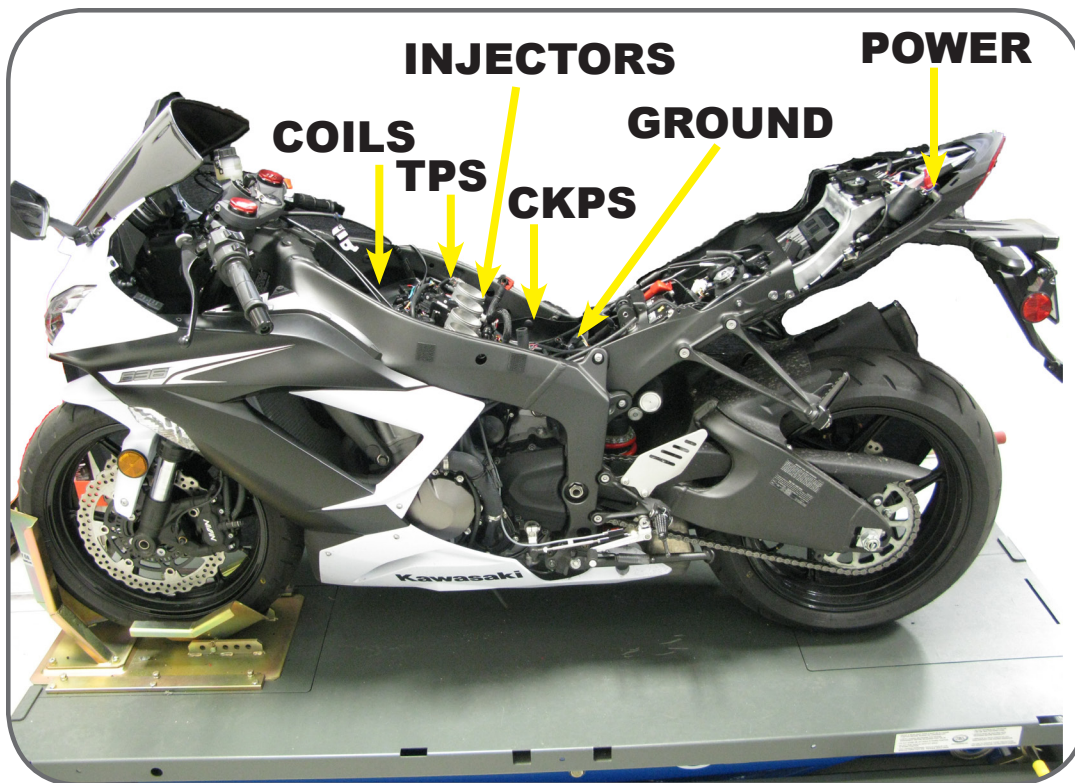


5 > CONNECT



5.1

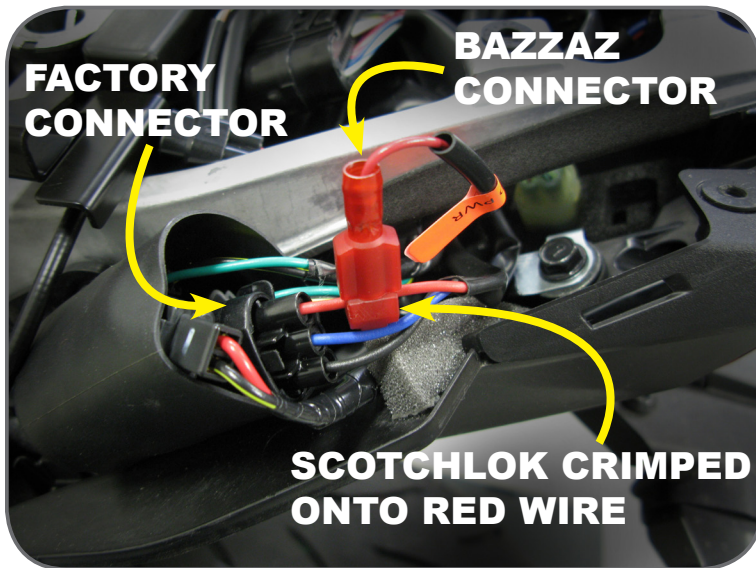
1. Connect the main connector of the Bazzaz fuel harness into the control unit.
2. Begin routing the harness forward, on the inner left side of the subframe.



5>CONNECT (CONT.)

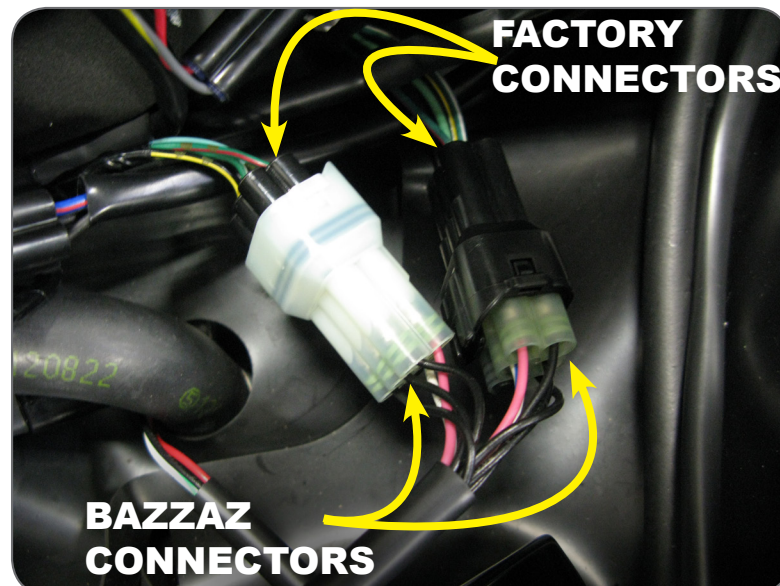
5.2

1. Locate the factory tail light connector, found on the left side of the tail section.
2. Crimp the supplied Scotchlok onto the red wire of the factory tail light connector.
3. Insert the Bazzaz +12V switched power connector into the Scotchlok.



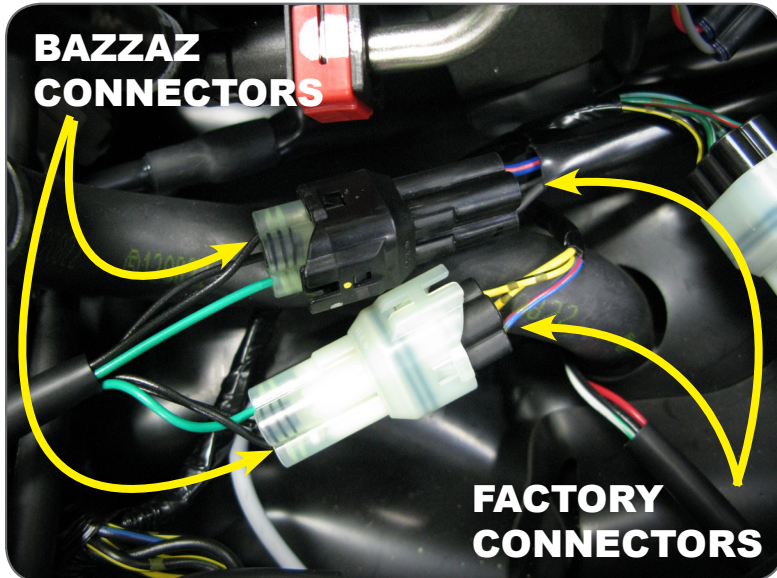
5.3

1. Locate the black factory gear position sensor (GPS) connectors, found on the right side of the engine compartment.
2. Disconnect the factory GPS connectors.
3. Connect the Bazzaz GPS connectors in-line with the factory connectors.



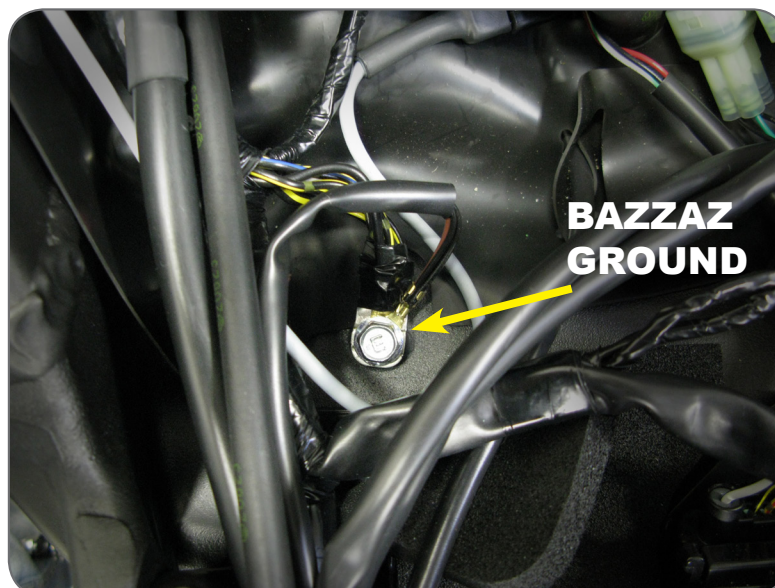
5>CONNECT (CONT.)

- 5.4**
1. Locate the factory crank position sensor (CKPS) connectors, found next to the GPS connectors.
 2. Disconnect the factory CKPS connectors.
 3. Connect the Bazzaz CKPS connectors in-line with the factory connectors.



6>GROUND

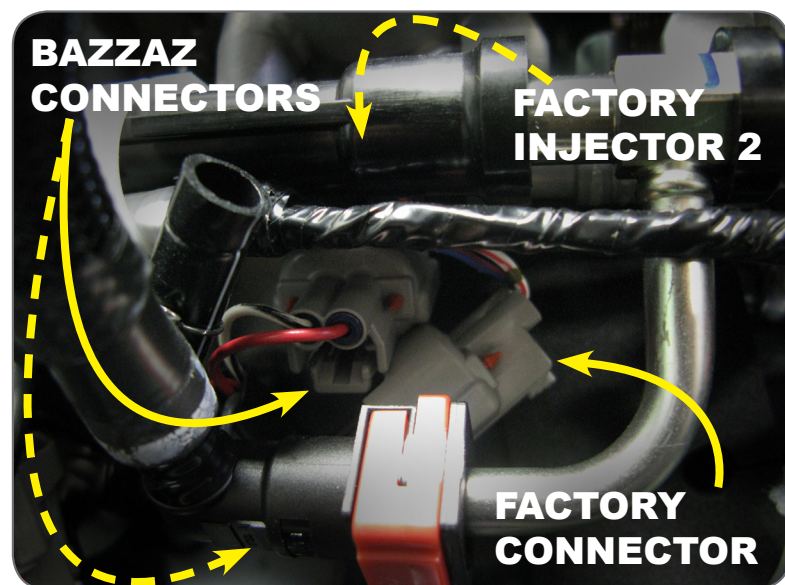
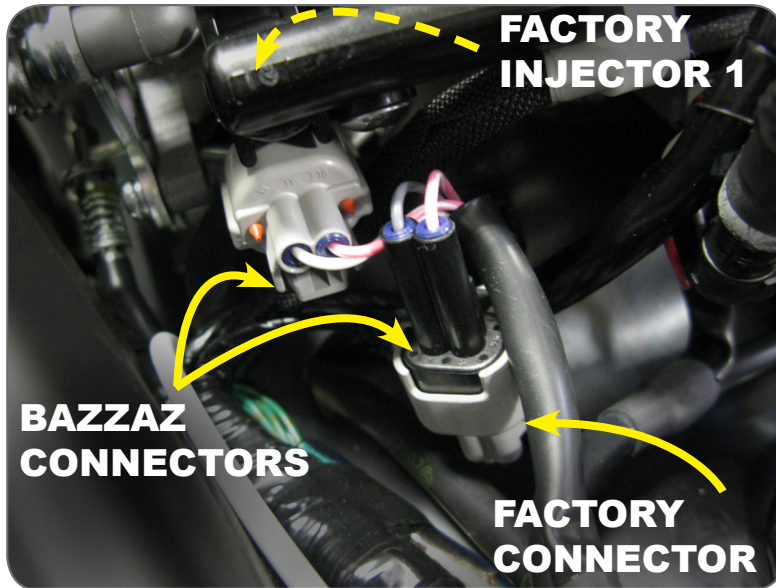
1. Attach the Bazzaz ground lug to a suitable chassis ground.



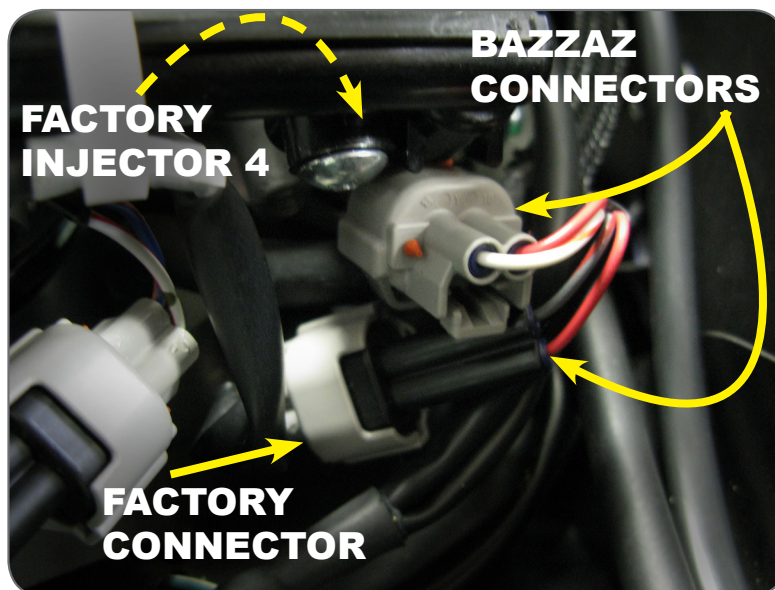
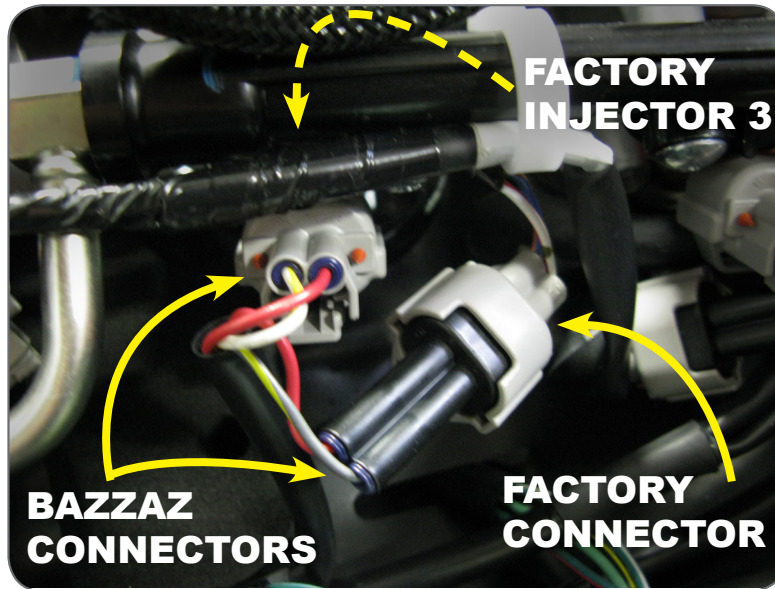
7>CONNECT

7.1

1. Working from left to right, disconnect the factory injector connectors from each injector.
2. Connect the Bazzaz injector connectors in-line between each factory injector and connector.



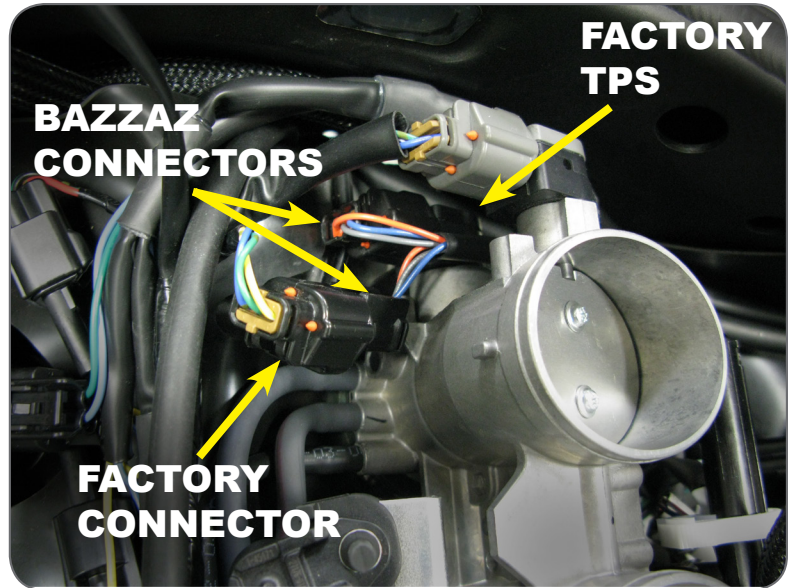
7>CONNECT (CONT.)



7>CONNECT (CONT.)

7.2

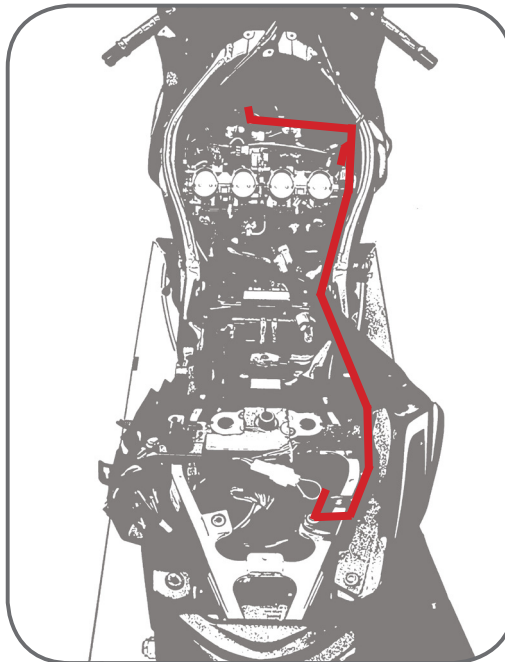
1. Route the remaining portion of the Bazzaz fuel harness up the right side of the throttle bodies.
2. Now locate the **LOWER** factory throttle position sensor (TPS).
3. Disconnect the black TPS connector from the lower factory TPS.
4. Connect the Bazzaz TPS connectors in-line between the factory TPS and connector.



COIL HARNESS

7.3

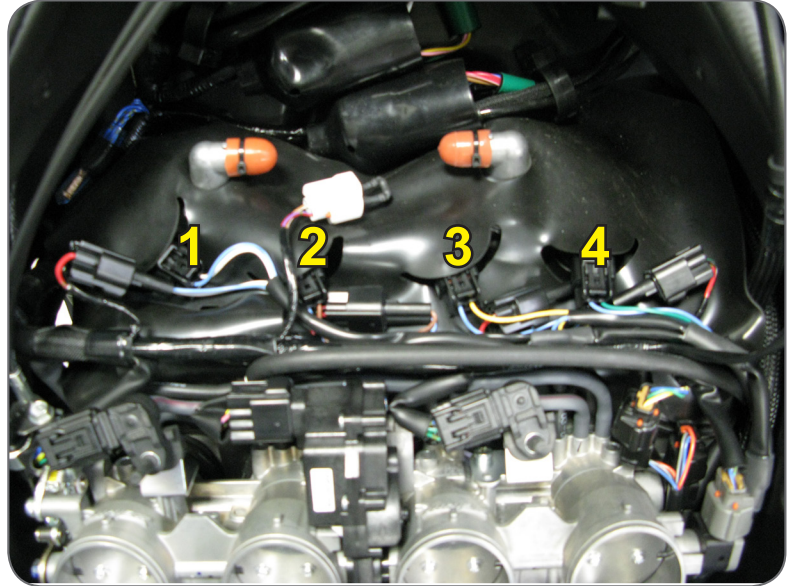
1. Connect the main connector of the Bazzaz coil harness into the control unit.
2. Route the coil harness forward, along the right side of the motorcycle.



7>CONNECT (CONT.)

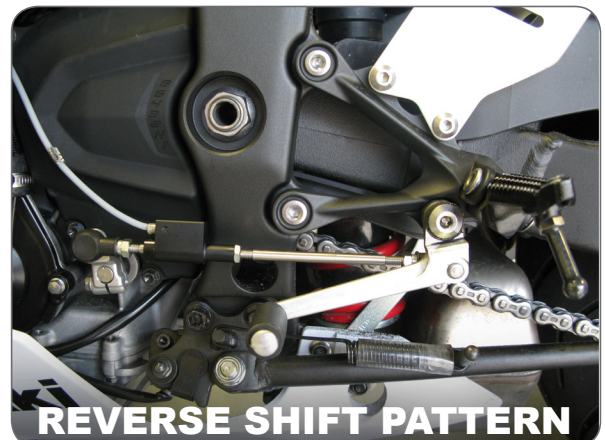
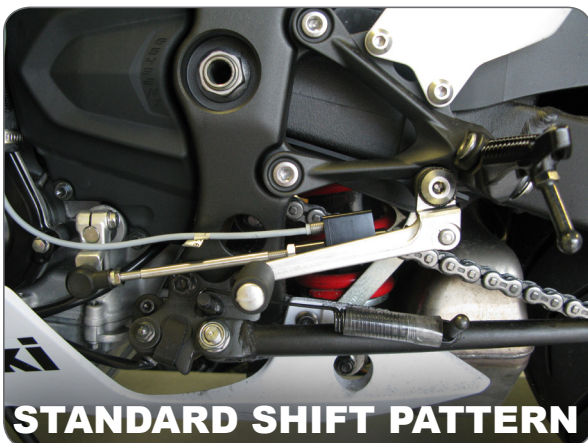
7.4

1. From right to left, disconnect the factory coil connectors from each stick coil.
2. Connect the Bazzaz coil connectors in-line between each factory stick coil and connector.



8>QUICKSHIFT

1. Begin the installation of the shift switch by removing the factory shift rod.
2. Install the Bazzaz shift switch on the rear shift linkage.
3. Install the Bazzaz shift rod by screwing it into place between the Bazzaz Shift switch and the front shift linkage.
4. Secure components by tightening the 10mm nuts.
5. Now route the shift switch connector up to the engine compartment and connect it to the mating connector on the Bazzaz coil harness.



9>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).

10>CHECK



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



If problem still persists, please contact Bazzaz tech support

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- For fastest support outside of the US, find your local importer at bazzaz.net

11>REINSTALL

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

12>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.

13>SOFTWARE



Download the latest software and instructions at bazzaz.net

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

14>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



MAP SELECT/ TC ADJUST SWITCH

Purchased separately.

129.95

Switch maps on the fly with this handlebar-mounted switch. Quickly adjust traction control settings using a 10-point dial. Weatherproof toggle and easy installation.



TC ACTIVE LIGHT

Purchased separately.

Illuminates when traction control is engaged. Helpful in determining when and where traction control is being actuated.

79.95



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

S448S, S448R, T448S, T448R