

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFI FUEL MANAGEMENT

ZFI TC FUEL + QS + TRACTION CONTROL

YAMAHA FZ-07 2015
F793 | T793

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.

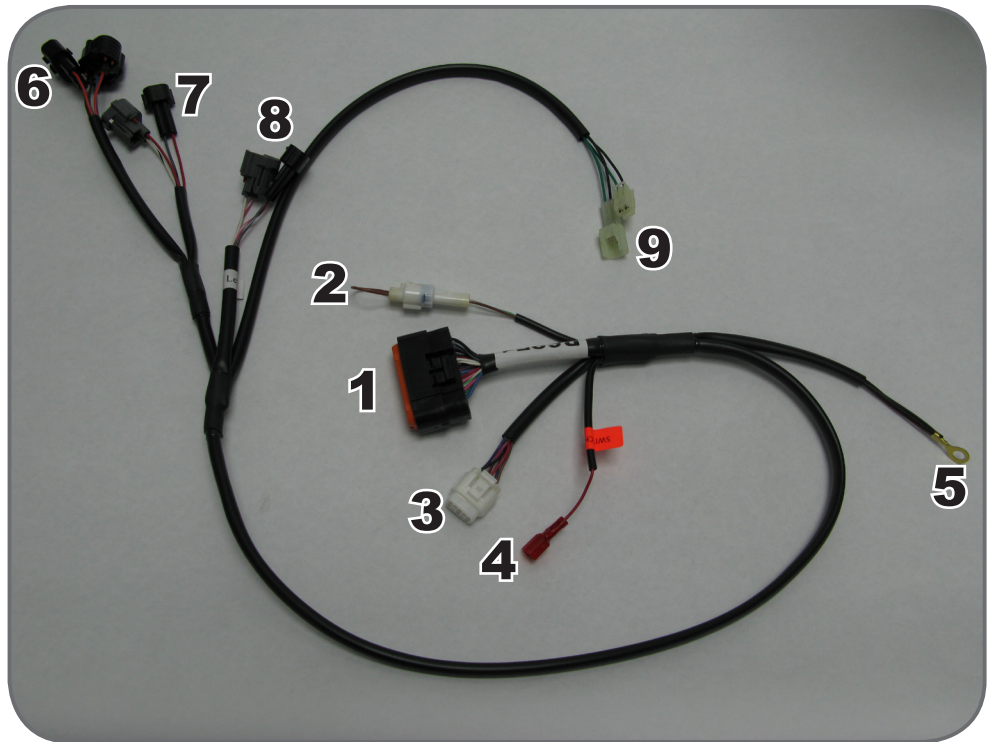
2>IDENTIFY

INCLUDED PARTS

1. Z-Fi or Z-Fi TC control unit
2. Fuel harness
3. Coil harness (For use with Z-Fi TC only)
4. Shift Switch and mounting hardware (For use with Z-Fi TC only)
5. USB cable
6. Scotchlok (1)
7. Zip ties
8. Velcro
9. Download Z-Fi Mapper Software from Bazzaz.net
10. Swingarm Stickers

FUEL HARNESS

1. Main Connector
2. Map Select
3. Z-AFM Connector
4. +12v Sw Power
5. Ground
6. TPS
7. Right Injector
8. Left Injector
9. CKPS

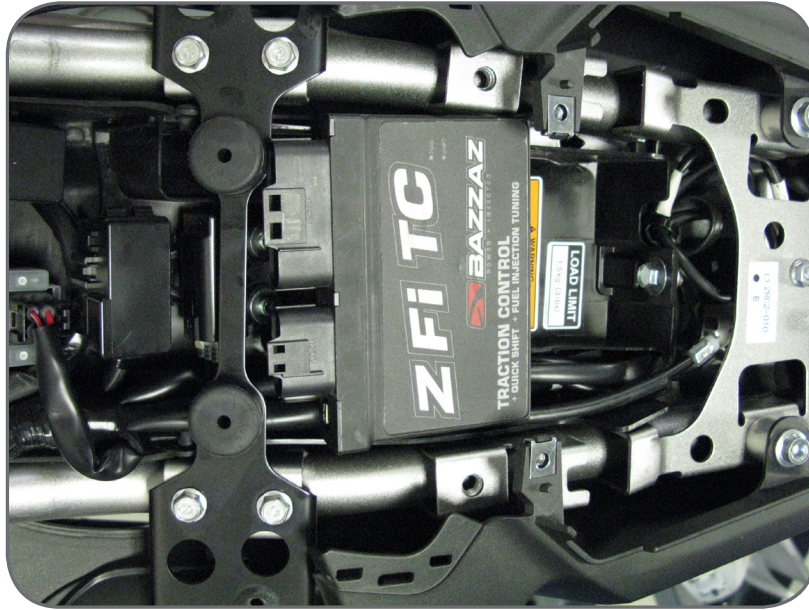


3>REMOVE

1. Seats
2. Fuel tank
3. Panel between both seats
4. Right and left side fairings

4>SECURE

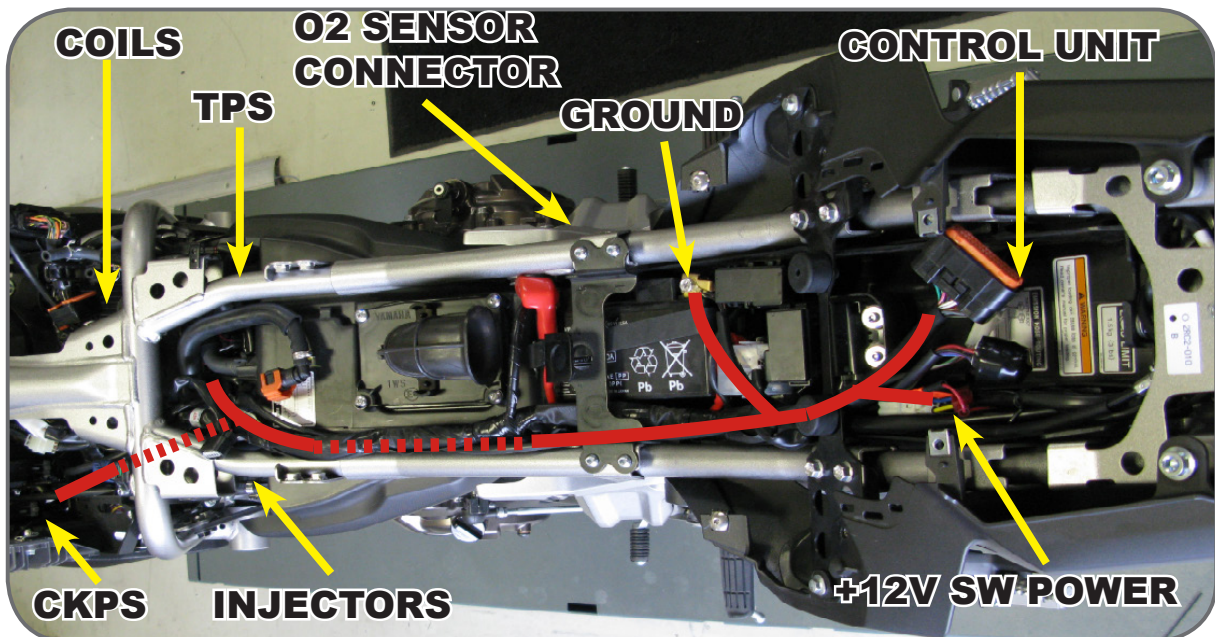
1. Mount the control unit under the passenger seat in the tail section.



5>CONNECT

5.1

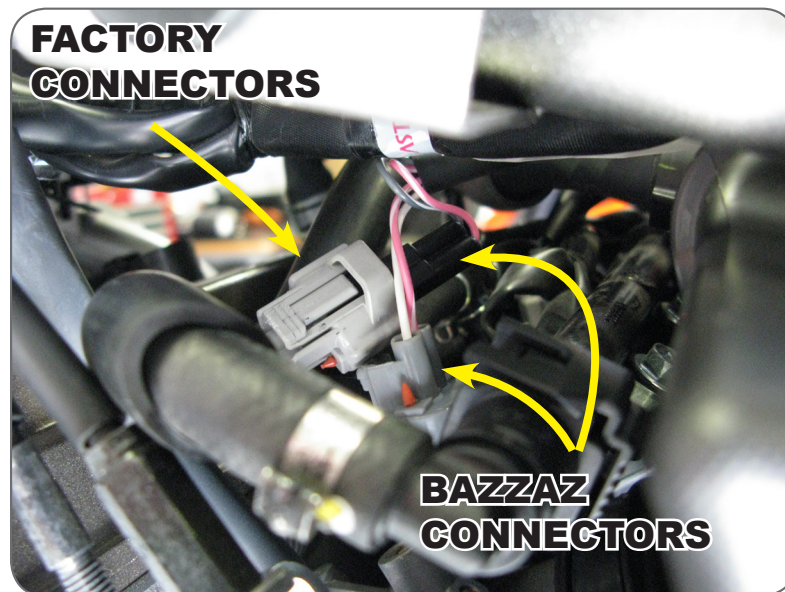
1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Route the harness along the left hand side of the bike towards the engine compartment.



5>CONNECT (CONT.)

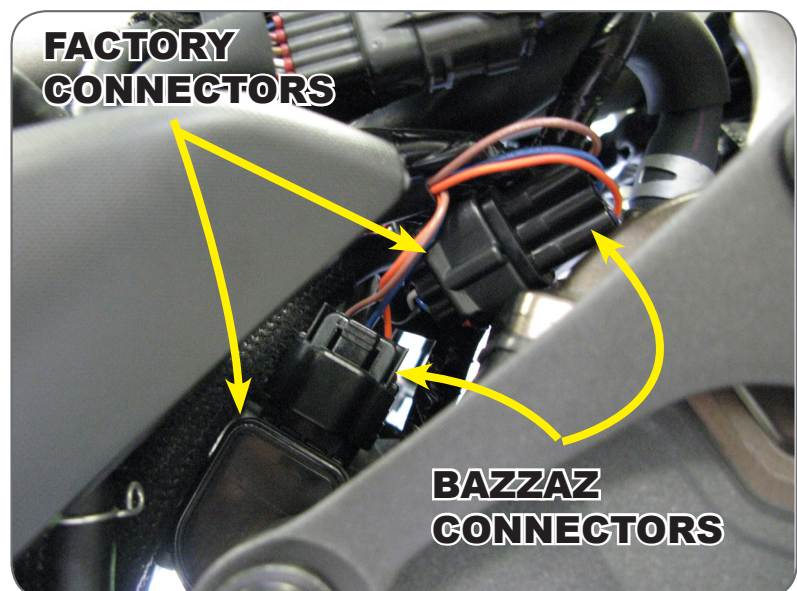
5.2

1. Locate the factory injector connectors, which can be found on the top of the factory throttle bodies between the airbox and the cylinders.
2. Disconnect the factory injector connectors.
3. Connect the Bazzaz injector connectors in-line, between the factory connectors.
(The Bazzaz harness is labeled for the left cylinder.)



5.3

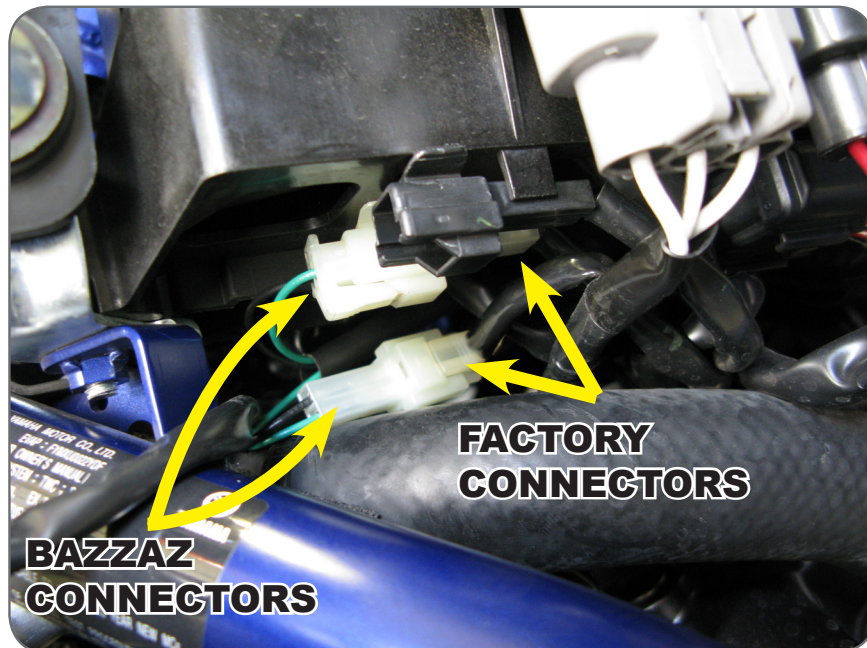
1. Locate the factory TPS, which is located on the right hand side of the throttle bodies near the right side fuel injector.
2. Disconnect the factory TPS connector.
3. Connect the Bazzaz TPS connector inline.



5>CONNECT (CONT.)

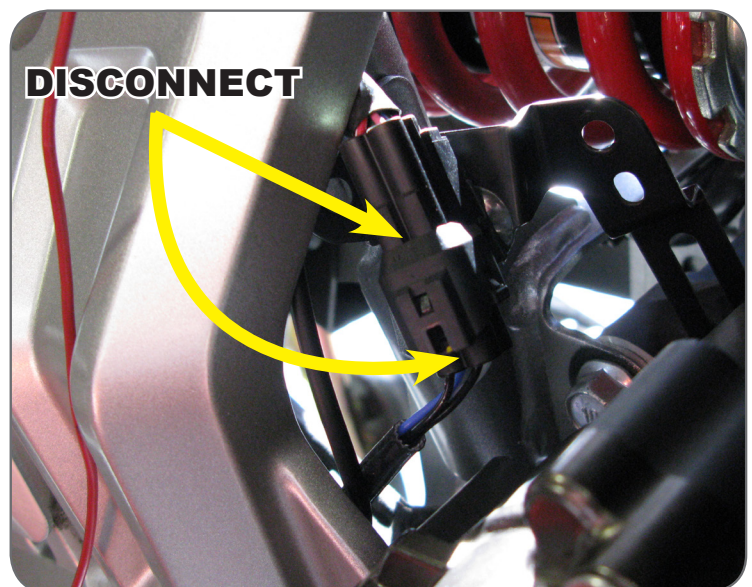
5.4

1. Route the Bazzaz CKPS connector to the front of the motorcycle along the left hand side of the bike.
2. Locate the factory CKPS connector, which is mounted near the factory regulator/rectifier.
3. Disconnect the factory CKPS connector.
4. Install the Bazzaz CKPS connector inline.



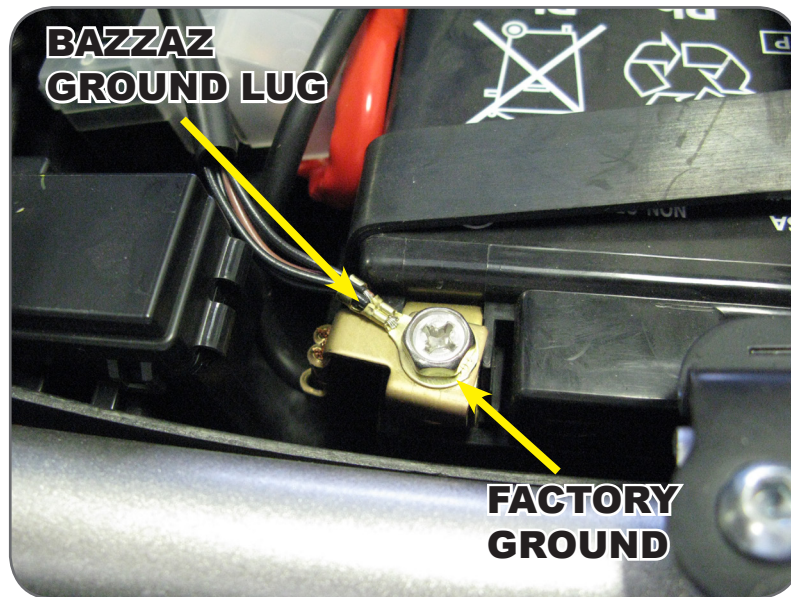
5.5

1. Locate the factory O2 sensor located on the left hand side of the bike.
2. Trace the wires up to the inside of the left frame rail near the factory rear set.
3. Disconnect the factory sensor from the harness, and secure away from any moving or hot parts.



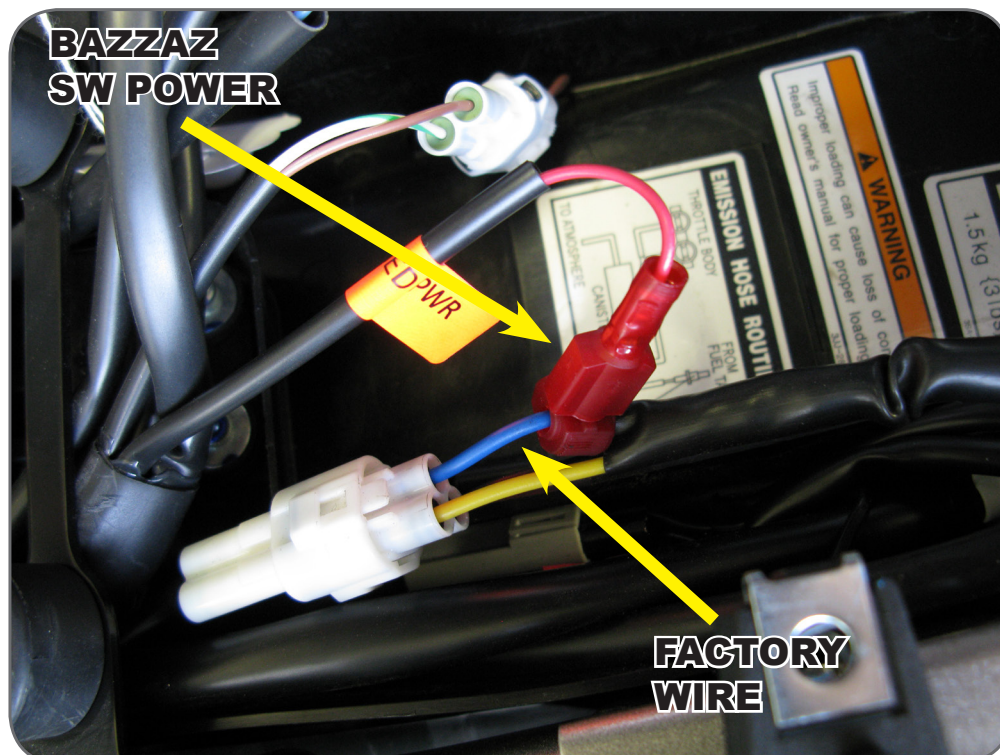
6>GROUND

1. Locate the Bazzaz ground lug, and connect it to the factory ground post.



7>+12V SW POWER

1. Locate the factory tail light connector, which can be found on the left hand side of the bike in the tail section near the Bazzaz control unit.
2. Separate the factory blue wire and use the supplied scotchlok to crimp onto the factory blue wire.
3. Connect the Bazzaz +12v Sw Power connector.

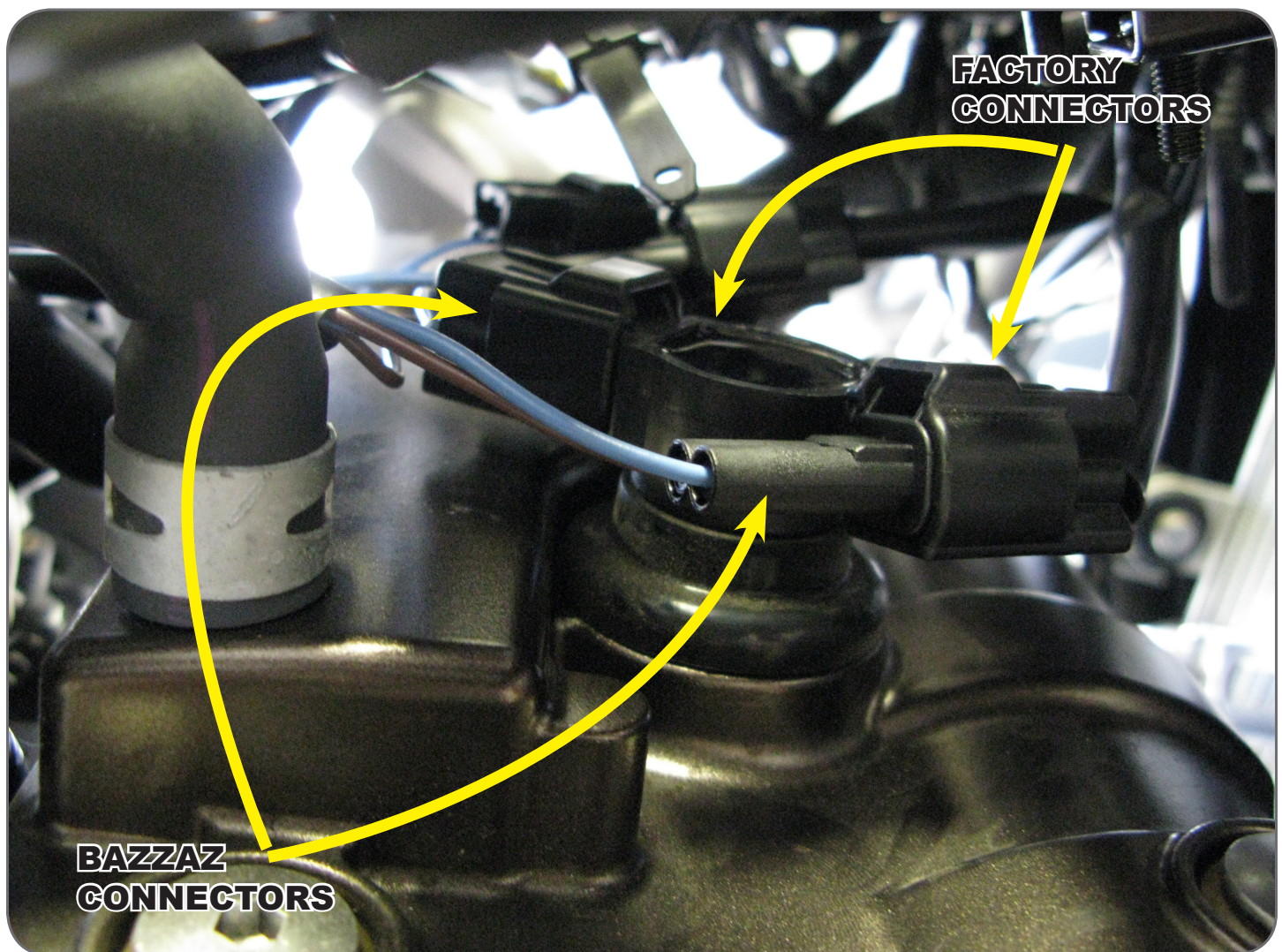


SECTION 8>CONNECT, AND 9>QUICKSHIFT ARE FOR USE WITH THE BAZZAZ Z-FI TC ONLY!! FOR Z-FI, PLEASE SKIP FORWARD TO SECTION 10>CONNECT.

8>CONNECT (FOR USE WITH Z-FI TC ONLY!)

COIL HARNESS

1. Connect the main connector of the Bazzaz coil harness to the control unit.
2. Route the harness down the left hand side of the bike along the Bazzaz fuel harness towards the factory coils.
3. Disconnect the factory coil connectors and install the Bazzaz coil connectors inline. (The Bazzaz coil connectors will be labeled for the left cylinder.)



9>QUICKSHIFT

(FOR USE WITH Z-FI TC ONLY!)

1. Measure and note your shift pedal height so you may reposition the shift pedal once installation is complete.
2. Remove the factory shift rod.
3. Install the Bazzaz shift switch using one of the supplied allen stud bolts and tighten.
4. Install the Bazzaz shift rod. **Note: The Bazzaz shift rod may need to be cut to get your original shift pedal height.**
5. Retighten all lock nuts.



11>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).**

12>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.
 - GPS - The vehicle should read neutral (or whichever gear it is in). For motorcycles that use a Gear Position Sensor, the bike does not need to be running to do this. For motorcycles that use a speed sensor, the wheel must be spinning to read gear properly. This can be checked on a dynamometer or by using a rear stand. Use caution when testing componentry.
 - 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
- Change quickshift settings
- Make traction control adjustments



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

13>REINSTALL

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

14>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).

15>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

NOTES:

NOTES:

NOTES:



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

F793 | T793