INSTALLATION INSTRUCTIONS

BAZZAZ

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFi | ZFi TC

DUCATI SUPERLEGGERA | 2014
F148/T148

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.
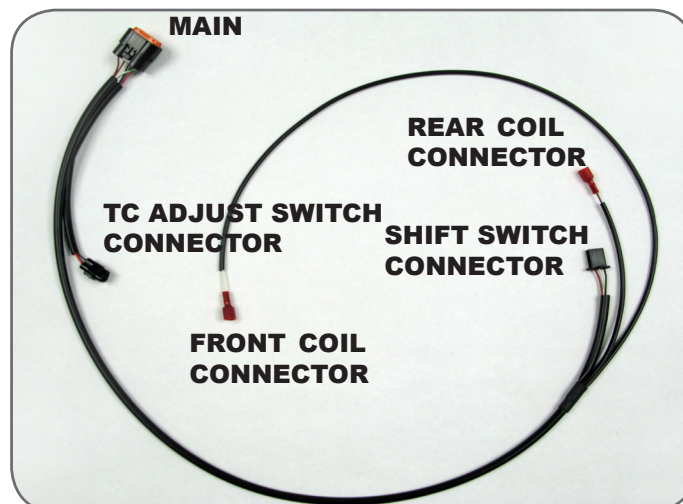
2>IDENTIFY

INCLUDED PARTS

1. Z-Fi or Z-Fi TC Control Unit
2. Fuel Harness
3. Coil Harness (If installing Z-Fi TC)
4. Left Hand Heim Joint
5. Left Hand 10 mm Lock Nut
6. USB Cable
7. Zip Ties
8. Velcro
9. Software can be downloaded at Bazzaz.net

FUEL HARNESS
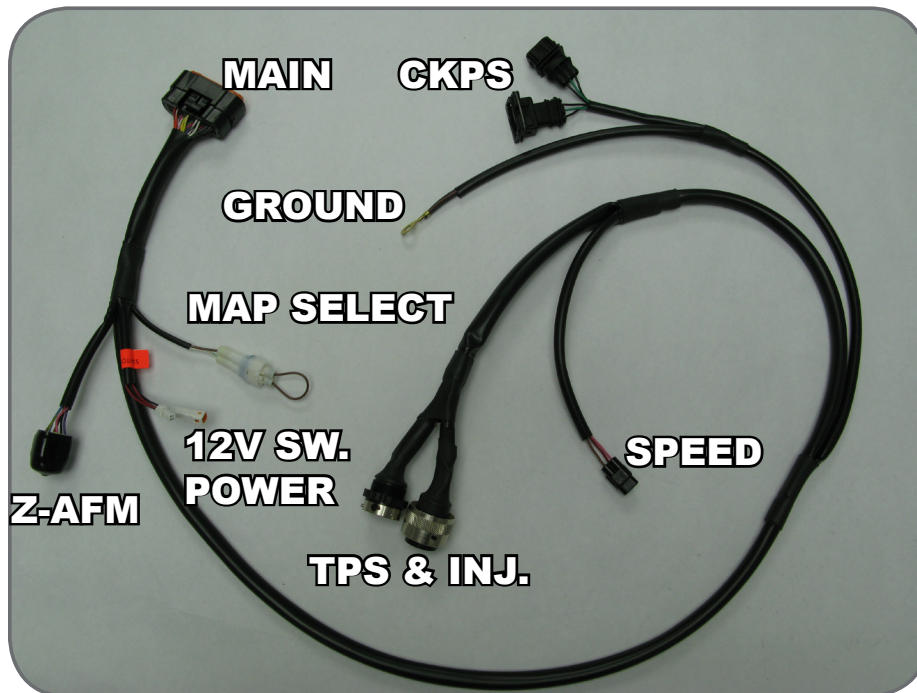
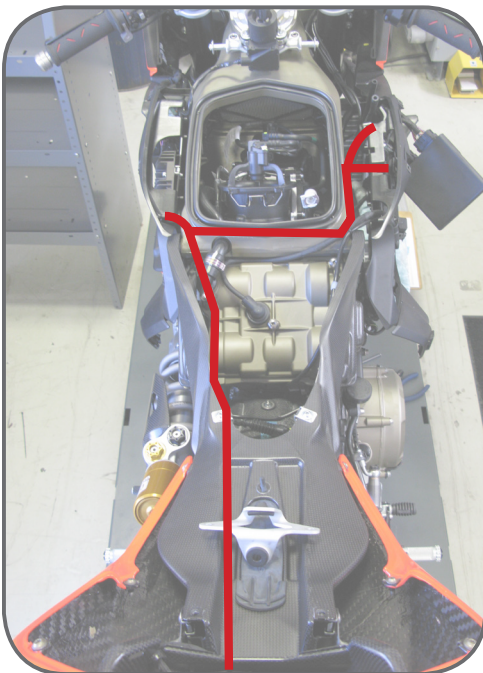## COIL HARNESS (FOR USE WITH Z-FI TC ONLY!)

3>REMOVE

1. Seat
2. Fuel tank
3. Left side fairing
4. Right side fairing
5. Black Box (inside subframe)
6. Bolts securing the black plastic shrouds on either side of the motorcycle (in order to gain access to components behind them)

4>SECURE

1. Mount the control unit in the tail section of the motorcycle.
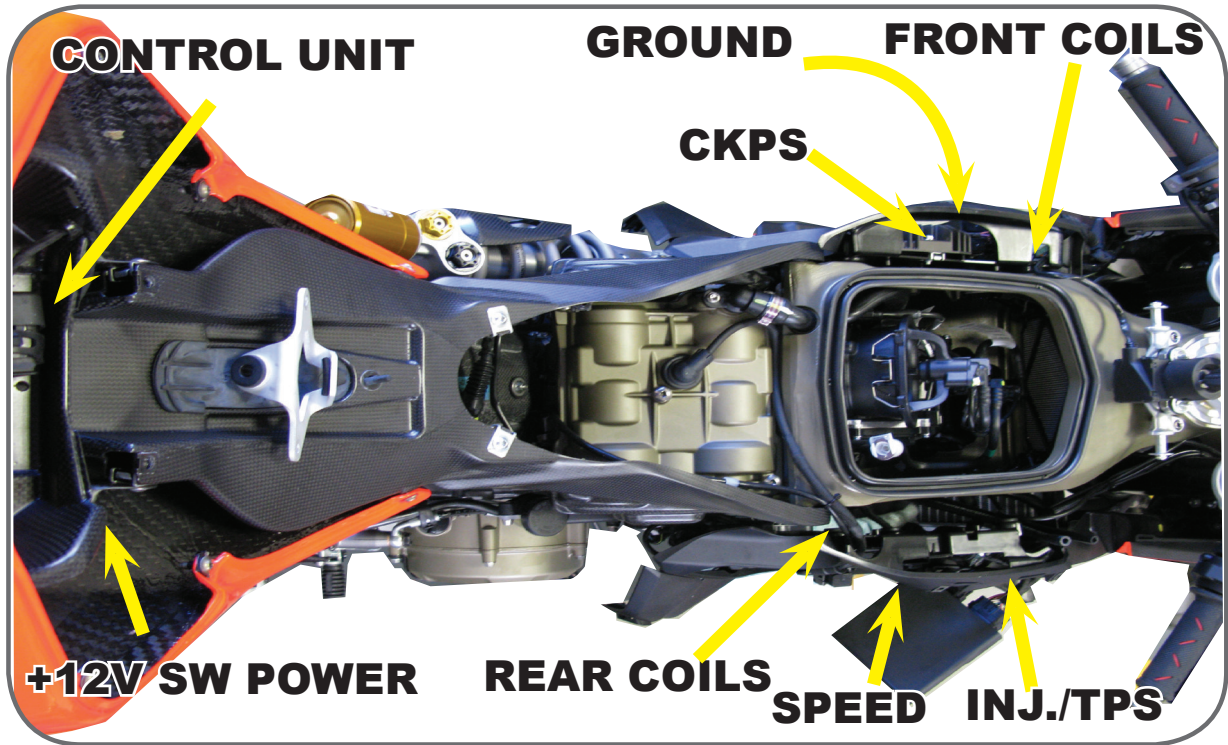

5>CONNECT

5.1

1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Begin routing the harness through the center of the subframe and up the left side of the rear cylinder head.
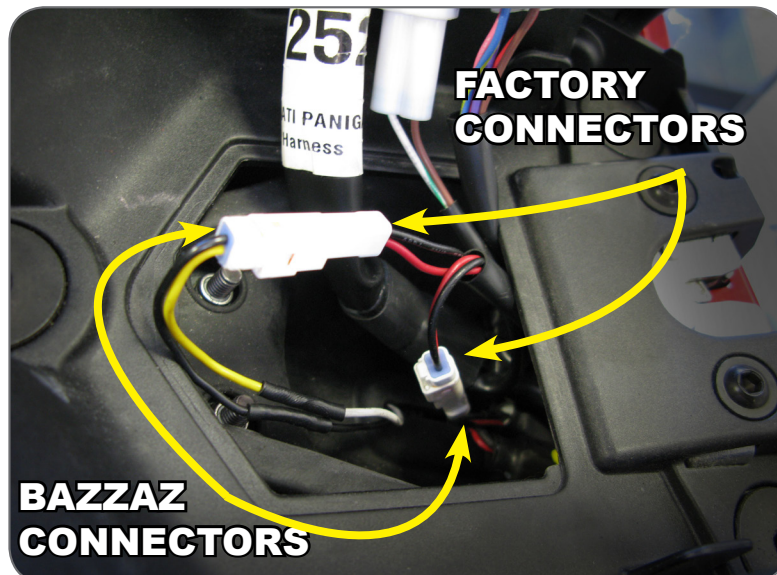
5>CONNECT (CONT.)

ITEM LOCATION:

CONTROL UNIT
GROUND
FRONT COILS
CKPS
+12V SW POWER
REAR COILS
SPEED
INJ./TPS

5.2

1. Locate the factory white two-pin connectors in the tail section of the motorcycle.
2. Disconnect the factory two-pin connectors.
3. Connect the mating Bazzaz power connectors in-line with the factory connectors.

FACTORY CONNECTORS

BAZZAZ CONNECTORS

5>CONNECT (CONT.)
5.3

1. Route the portion of the Bazzaz harness with the CKPS (Crank Position Sensor) lead and ground lug down the left side of the motorcycle.
2. Locate the factory CKPS connectors which are near the battery.
3. Disconnect the factory CKPS connectors.
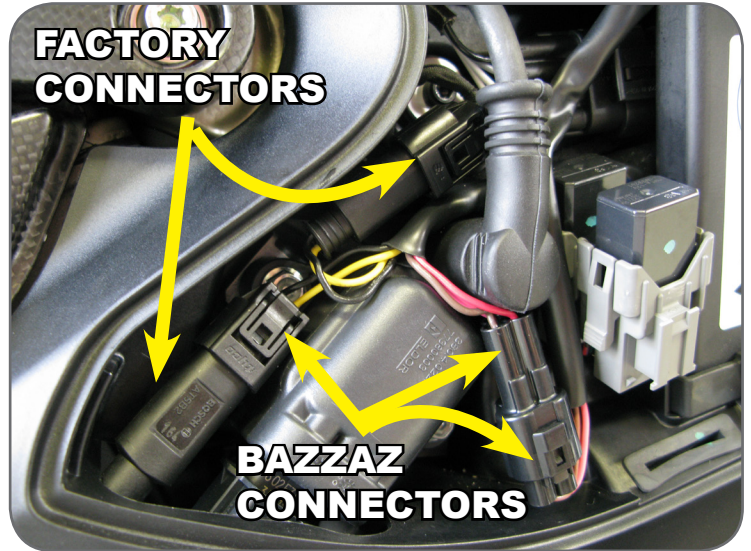4. Plug the Bazzaz CKPS connectors in-line with the factory connectors.

BAZZAZ CONNECTORS

FACTORY CONNECTORS
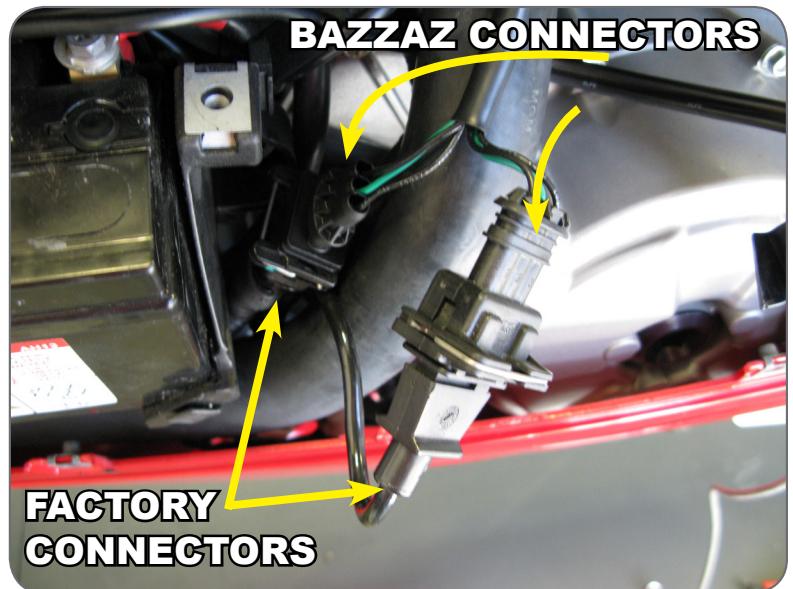
6>GROUND

1. Secure the Bazzaz ground lug to the negative terminal of the battery.

7>CONNECT

7.1

1. Route the remaining portion of the Bazzaz harness over to the right side of the motorcycle.
2. Locate the factory speed sensor (SPD) connectors near the factory ECU.
3. Disconnect the factory SPD connectors.
4. Plug the Bazzaz Speed amplifier inline and connect the remaining speed amplifier connector to the Bazzaz SPD connector.

7.2

1. Locate the large factory circular connector on the right side of the airbox.
2. Disconnect this circular connector from the airbox.
3. Connect the 19-pin Bazzaz connectors in-line with the factory connectors.
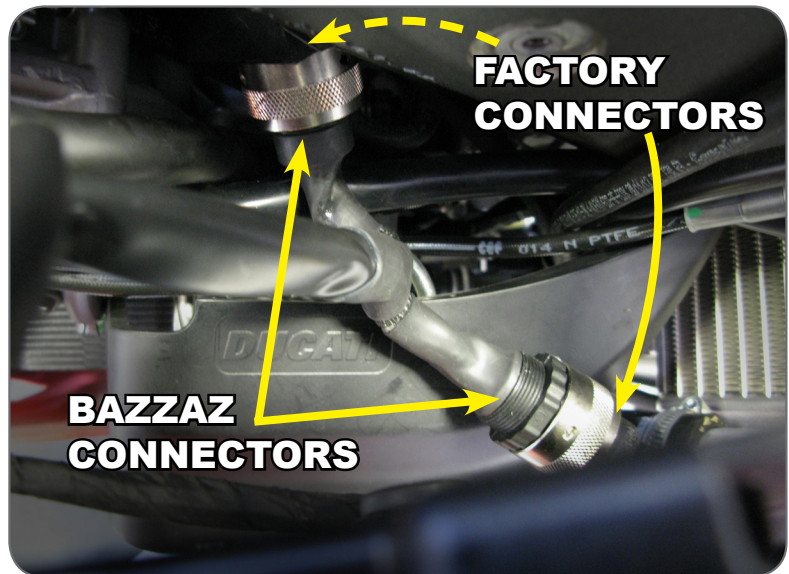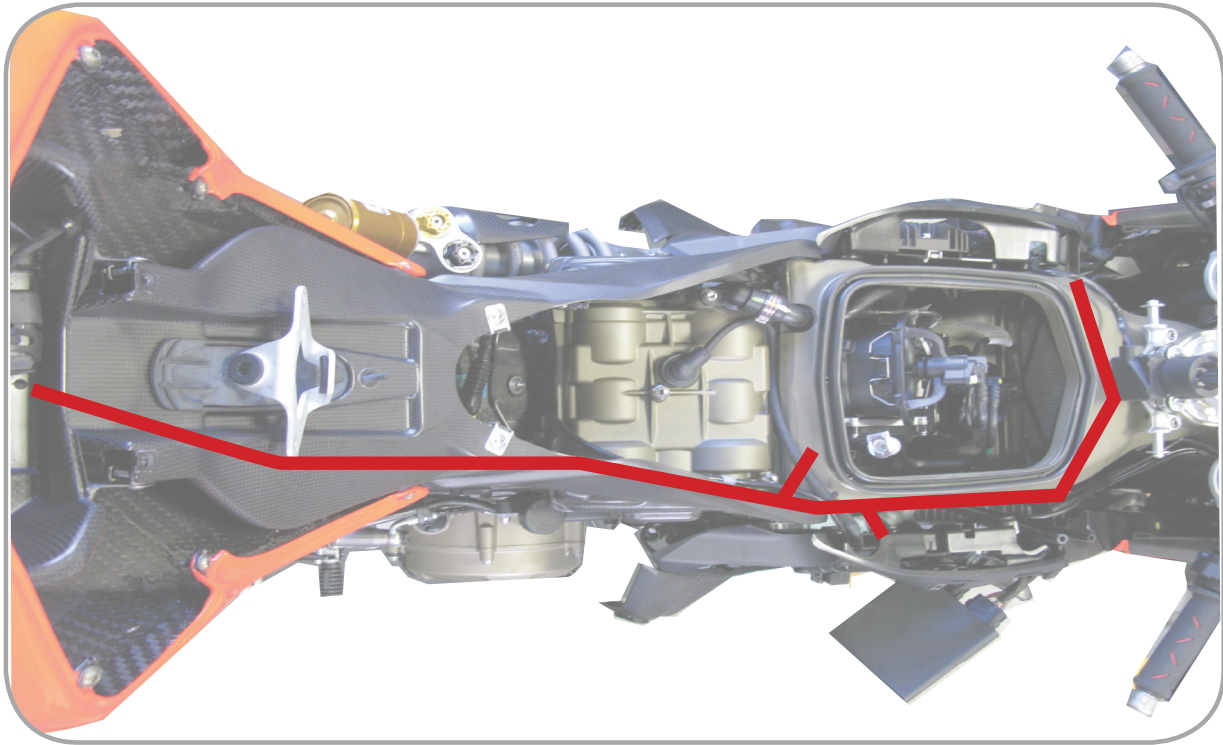

19-pin connector is for the injectors and TPS

SECTION 8>CONNECT, AND 7>CONNECT ARE FOR USE WITH THE BAZZAZ **Z-FI TC** ONLY!! FOR Z-FI, PLEASE SKIP FORWARD TO SECTION 8>SECURE.

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

HARNESS ROUTING:

9>CONNECT
9.1

BAZZAZ CONNECTOR

FACTORY CONNECTOR

SCOTCHLOK CRIMPED ONTO GRAY/GREEN WIRE
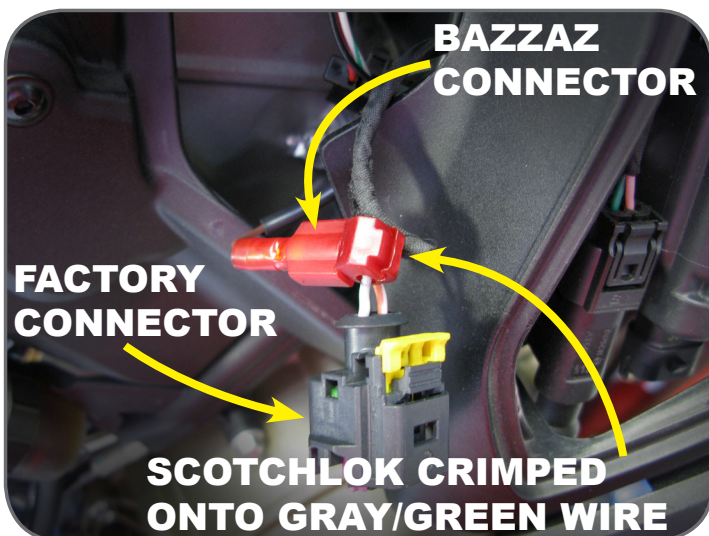
1. Locate the rear coil pack on the right side of the motorcycle.
2. Disconnect the factory coil connector from the coil pack.
3. Trim back the sheathing of the factory coil connector to expose the wires.
4. Crimp a supplied Scotchlok onto the gray/green wire.
5. Insert the Bazzaz rear coil connector into the Scotchlok.
6. Reconnect the factory coil connector to the coil pack.

9.2

1. Route the Bazzaz front coil lead up the right side of the airbox, and around to the top. Continue to the front coil pack, on the left side of the motorcycle.
2. Disconnect the factory coil connector from the coil pack.
3. Trim back the sheathing of the factory coil connector to expose the wires.
4. Crimp a supplied Scotchlok onto the gray/blue wire.
5. Insert the Bazzaz front coil connector into the Scotchlok.
6. Reconnect the factory coil connector to the coil pack.

SCOTCHLOK CRIMPED ONTO GRAY/BLUE WIRE

FACTORY CONNECTOR

BAZZAZ CONNECTOR
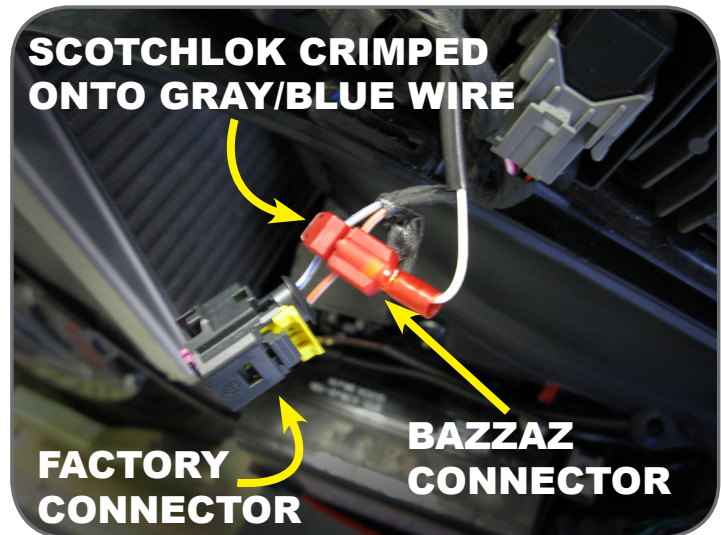
10>QUICKSHIFT

1. Remove the bolt holding the shift knuckle on the transmission shaft so that it will push back further.
2. Remove the bolt holding the factory shift switch / rod assembly.
3. Disconnect the factory shift switch connector.
4. Unscrew the shift switch / rod assembly from the rear heim joint.
5. Thread the provided left hand nut onto the provided heim joint.
6. Install the Bazzaz heim joint into the Bazzaz shift switch as far as it will go and tighten the lock nut.
7. Using the factory bolt, secure the Bazzaz shift switch and heim joint to the shift knuckle.
8. Reinstall the bolt that secures the shift knuckle to the transmission shaft.
9. Install the Bazzaz shift rod between the Bazzaz shift switch and the rear factory heim joint.
10. Adjust the shift lever to the preferred height and tighten all 10mm nuts.
11. Route the Bazzaz shift switch connector to the mating connector of the Bazzaz coil harness (on the right side of the rear cylinder head) and plug the connectors in-line.

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

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.

15>NEXT LEVEL

MAP SELECT SWITCH

Purchased separately.

Switch maps on the fly with this handlebar-mounted switch. Weatherproof toggle and easy installation. **79.95**

MAP SELECT/TC ADJUST SWITCH

Purchased separately.

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. **129.95**

SELF MAPPER

Z AFM

Purchased separately.

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

02 sensor mounts into exhaust and control box easily plugs in to any Bazzaz Z-Fi product. **299.95**

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United States

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