INSTALLATION INSTRUCTIONS

BAZZAZ®

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFi FUEL MANAGEMENT

ZFi TC FUEL + QS + TRACTION CONTROL

DUCATI MONSTER 1200S 2014
F197 | T197

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.
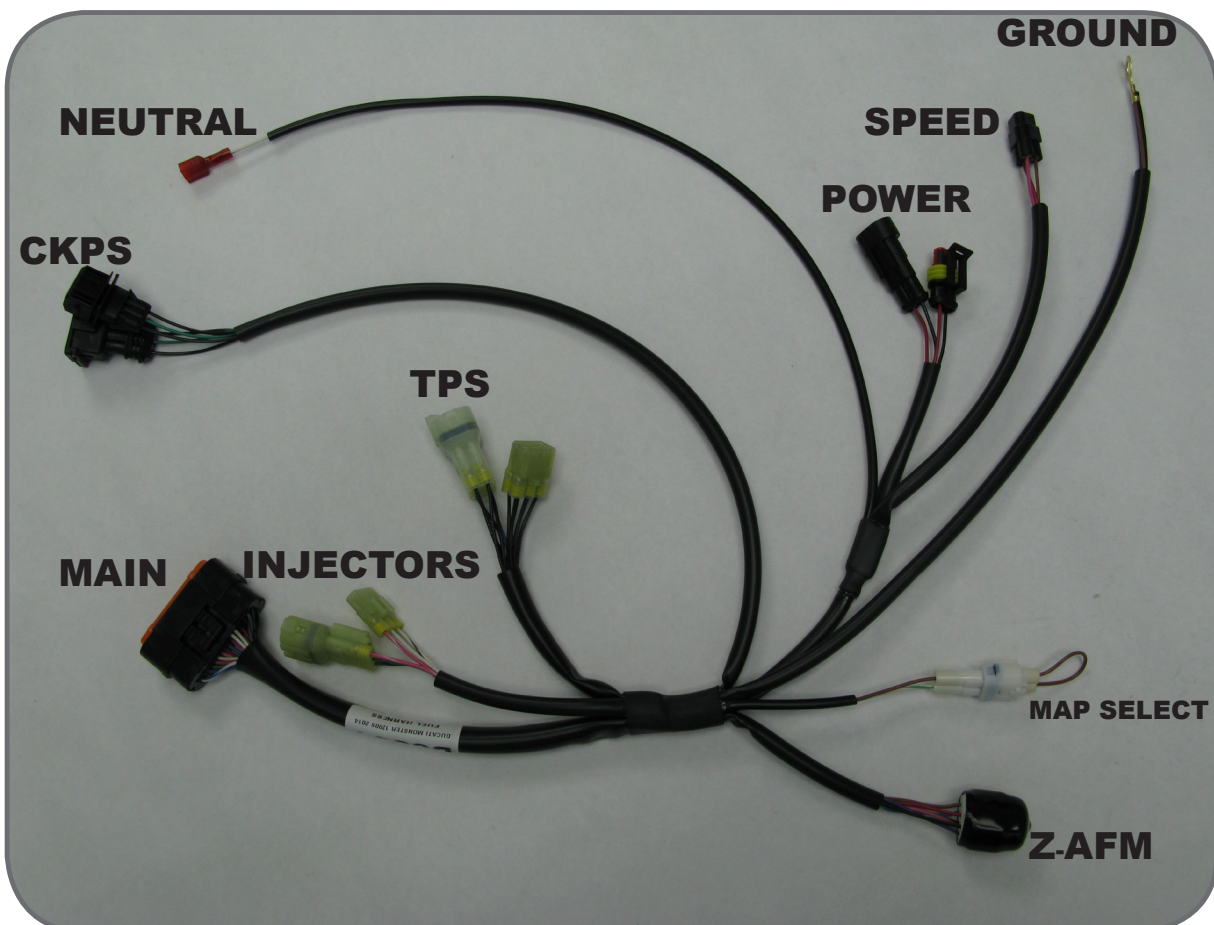
GETTING HELP

- 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.
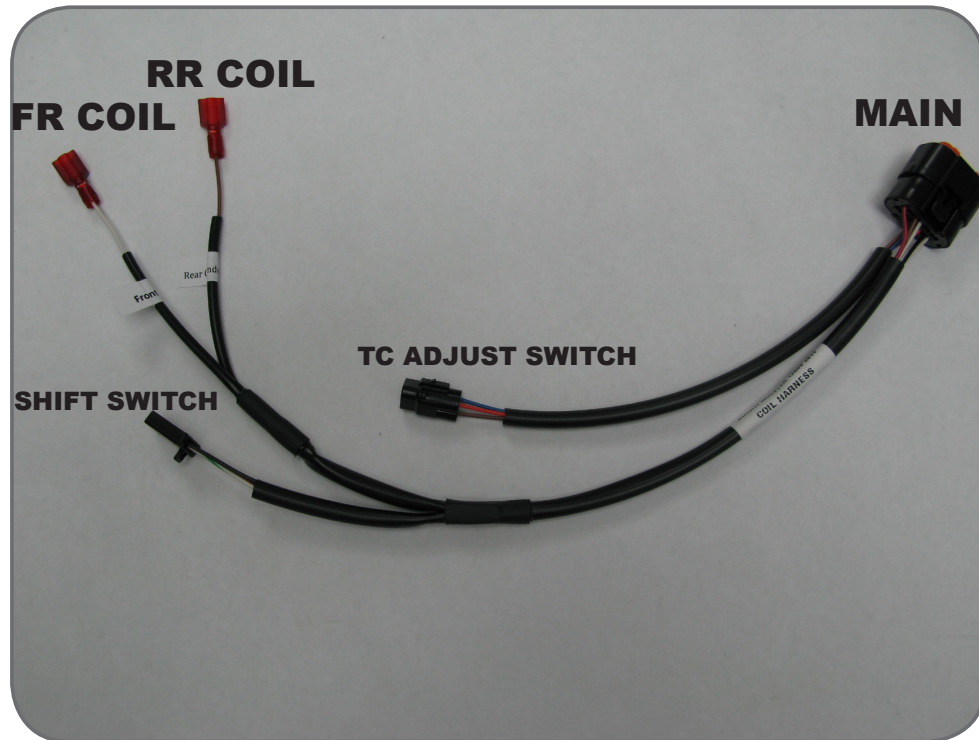
2>IDENTIFY

INCLUDED PARTS

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

FUEL HARNESS

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

3>REMOVE

1. Rider Seat
2. Fuel tank
3. Left side black fairing covering factory coils
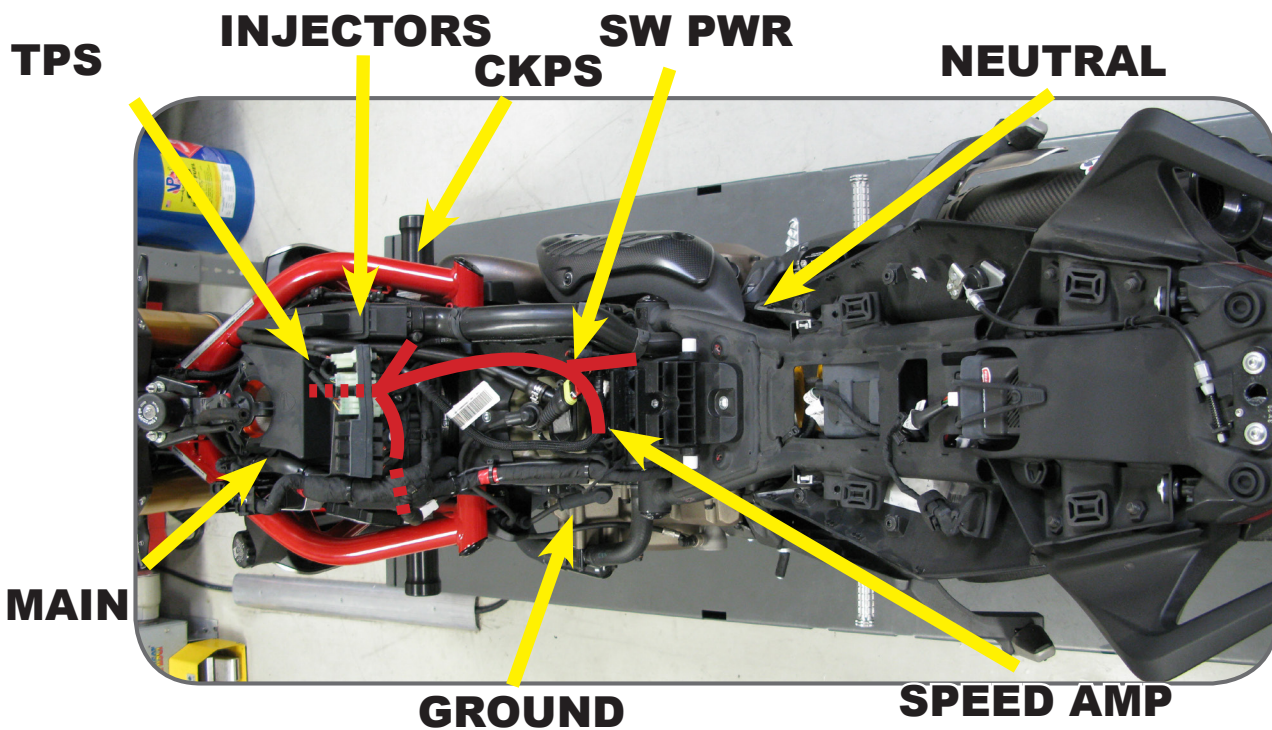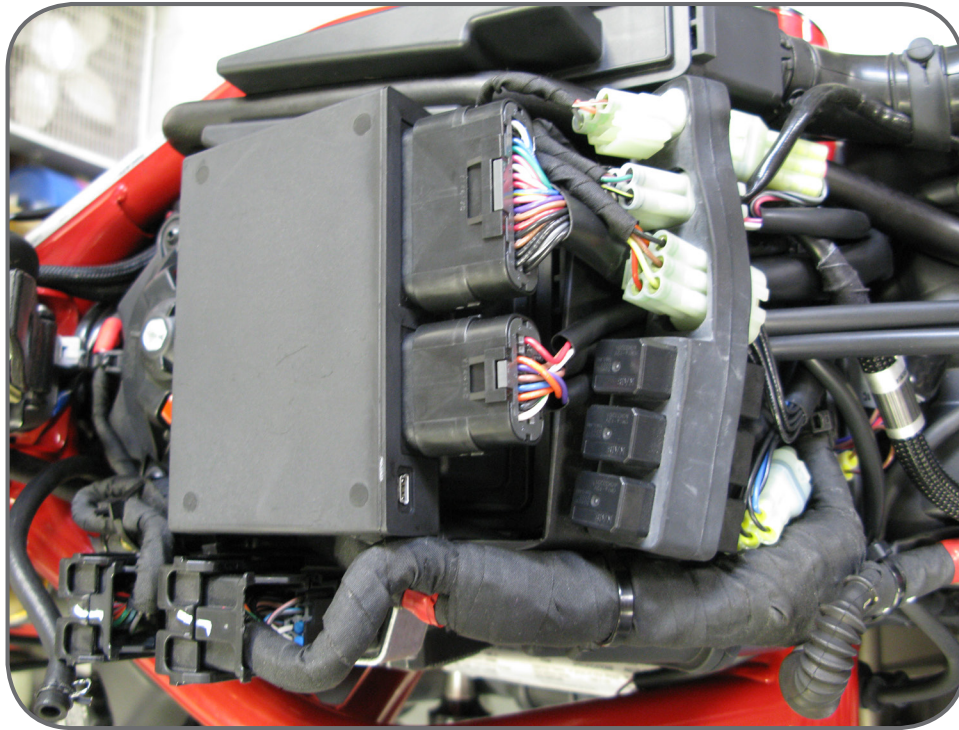4. Right side black fairing which covers the factory overflow coolant bottle

4>SECURE

1. Mount the Bazzaz control unit on top of the airbox with the supplied velcro.
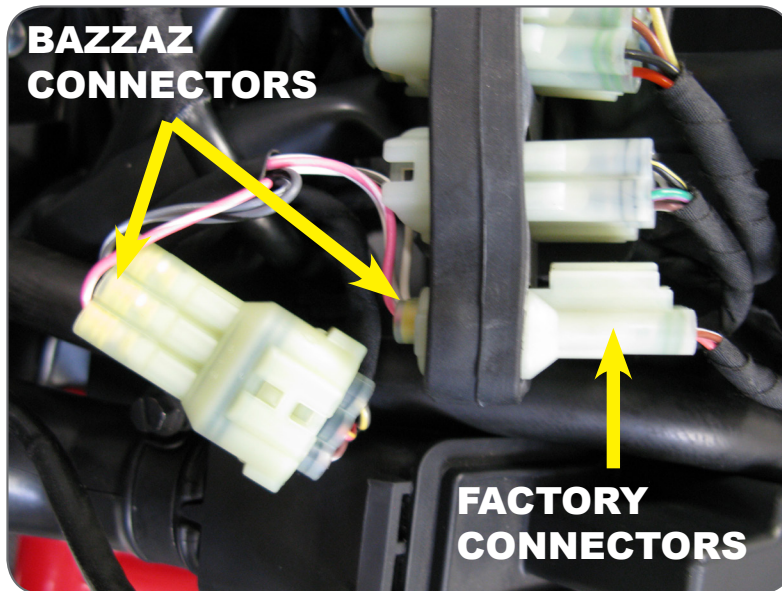
5>CONNECT
5.1

1. Connect the main connector of the Bazzaz fuel harness to the Bazzaz control unit.
2. Route the harness down the back side of the airbox.

TPS

INJECTORS

CKPS

SW PWR

NEUTRAL

MAIN

GROUND

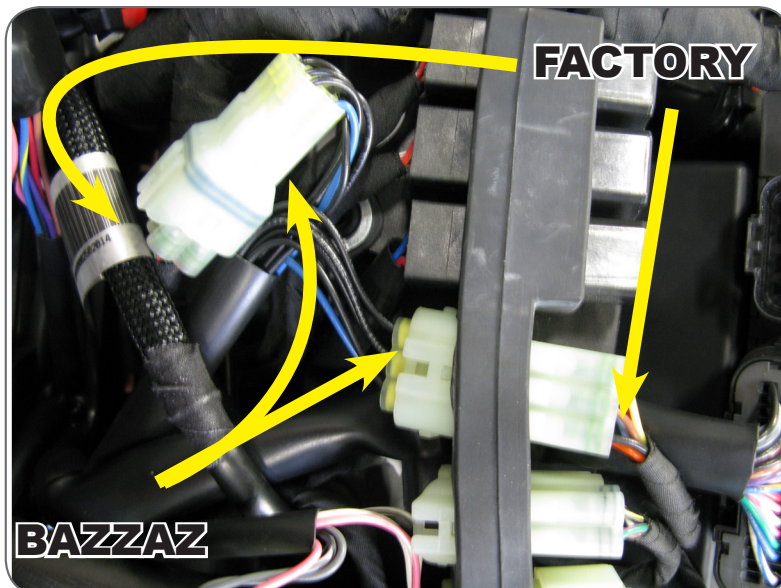SPEED AMP

5>CONNECT (CONT.)

5.2

1. Locate the factory three pin injector connectors, which can be found held within a black piece of foam on the back side of the airbox.
2. Disconnect the factory injector connector.
3. Install the Bazzaz injector connectors inline.
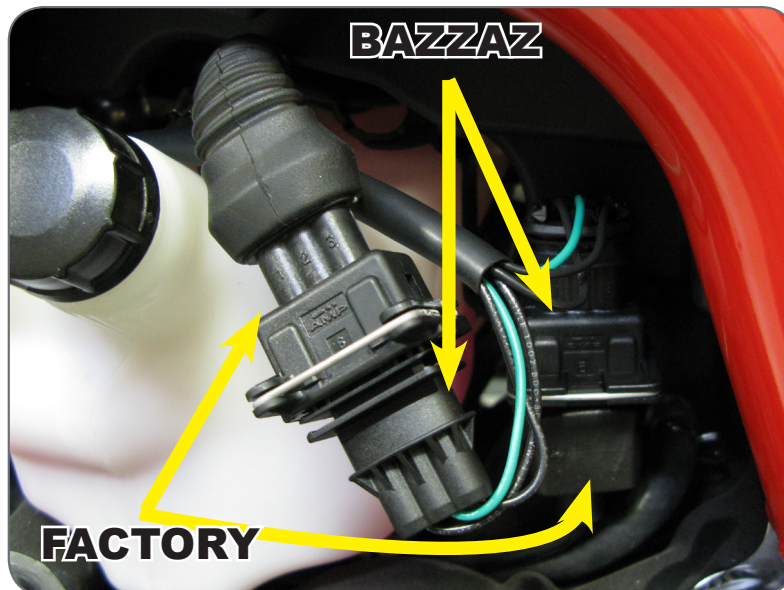

BAZZAZ CONNECTORS

FACTORY CONNECTORS

5.3

1. Locate the factory 6 pin throttle position sensor (TPS) connector, which is located within the same black piece of foan support as the injector connectors.
2. Disconnect the factory TPS connectors.
3. Install the Bazzaz TPS connectors inline.

FACTORY
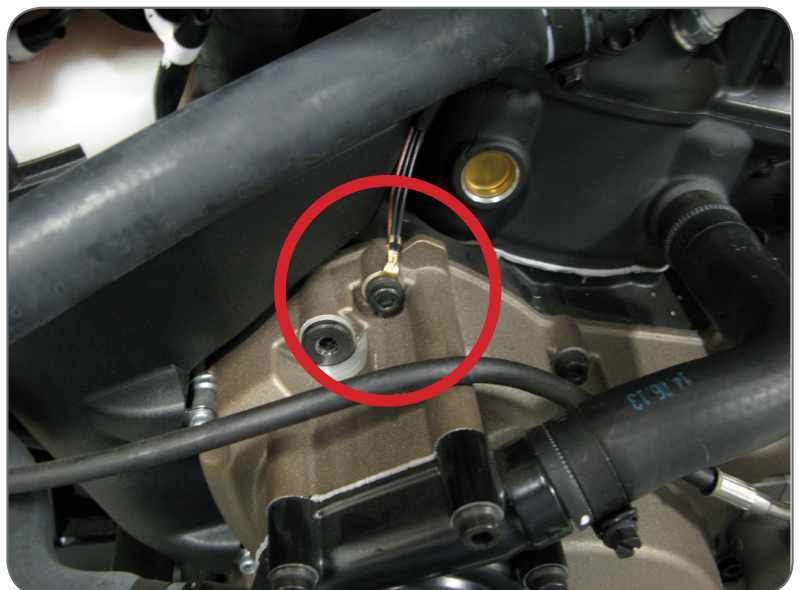
BAZZAZ

5>CONNECT (CONT.)

5.4

1. Route the Bazzaz CKPS connectors down the right hand side of the bike towards the factory overflow coolant bottle.
2. Locate the factory CKPS connector.
3. Disconnect the factory CKPS connector.
4. Install the Bazzaz CKPS connectors inline.
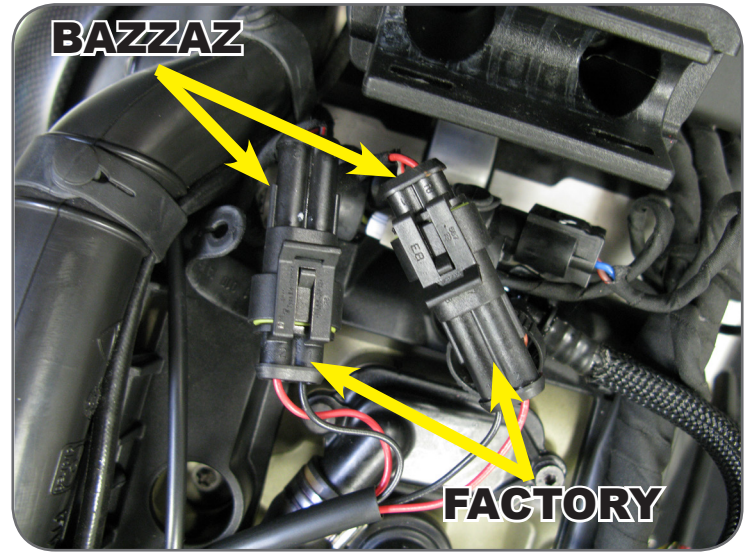

5.5

1. Locate the Bazzaz ground lug, and begin to route it down the left hand side of the bike towards the factory engine cover.
2. Install the Bazzaz ground lug onto any 8mm factory bolt.

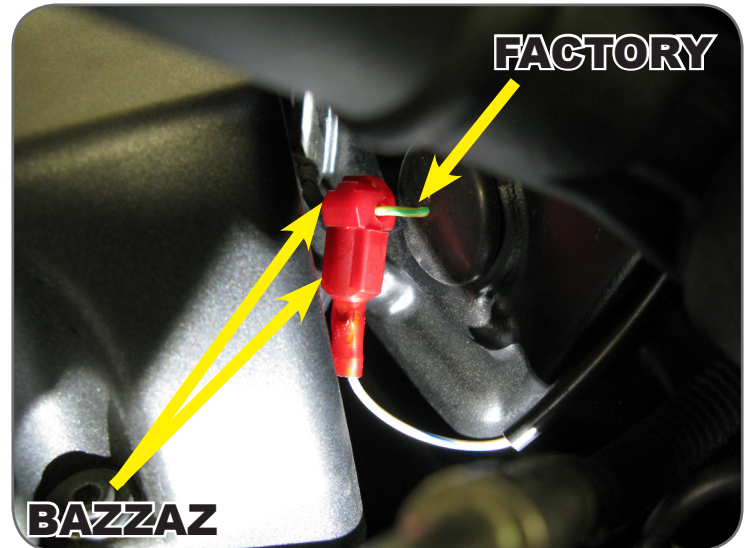# 5>CONNECT (CONT.)

5.6

1. Route the remaining Bazzaz lead along the right hand side of the bike.
2. Locate the factory black two pin connector.
3. Disconnect the factory two pin connector.
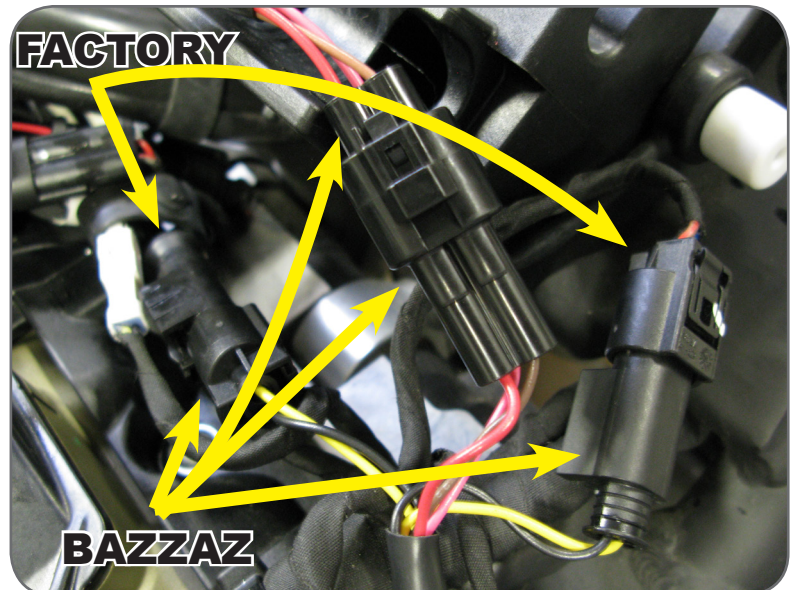4. Plug the Bazzaz +12v sw power connector inline.

5.7

1. Route the Bazzaz neutral wire down the right hand side of the bike towards the back of the motor.
2. Locate the factory neutral wire behind the right hand side of the rear set and use the supplied scotchlok to crimp onto the factory neutral wire.
3. Connect the Bazzaz neutral wire to the scotchlok.
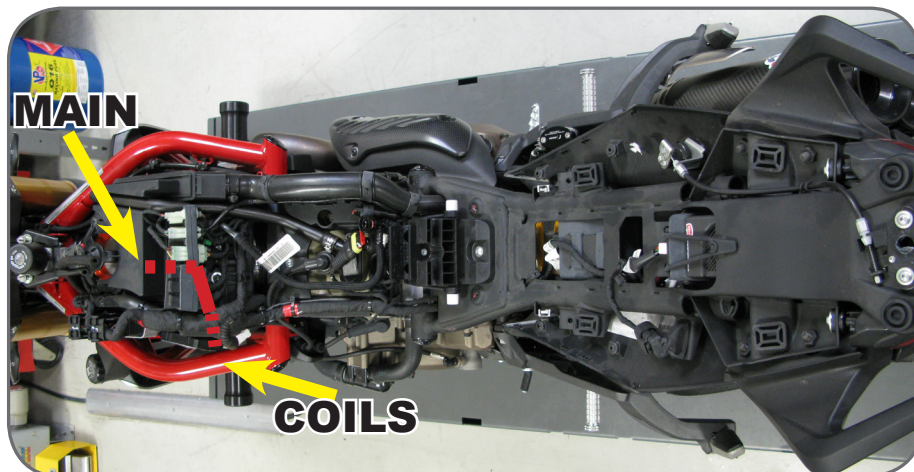

5.8

1. Locate the factory two pin rear wheel speed sensor connector, which can be found near the Bazzaz switched power connector.
2. Disconnect the factory speed sensor connectors and install the Bazzaz speed amplifier inline.
3. Connect the remaining Bazzaz speed amp connector to the Bazzaz speed sensor connector on the fuel harness.

6>CONNECT (FOR USE WITH Z-FI TC ONLY!)
COIL HARNESS ROUTING

6.1

1. Connect the main connector of the Bazzaz coil harness to the control unit.
2. Route the coil harness down the back side of the airbox and to the left hand side of the bike towards the factory coils.
3. Locate the factory front cylinder coil connector.
4. Separate the factory grey/blue wire and use the supplied scotchlok to crimp onto the factory wire.
5. Connect the Bazzaz front coil connector into the scotchlok.

6.2

1. Locate the factory rear coil connector.
2. Separate the grey/pink wire, and crimp the supplied scotchlok onto the wire.
3. Connect the Bazzaz rear coil connector to the scotchlok.

7>QUICKSHIFT (FOR USE WITH Z-FI TC ONLY!)

1. Measure and note your shift pedal height so you may reposition the shift pedal once 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 Bazzaz shift rod. (The 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).

MAP SELECT SWITCH

Purchased separately. **79.95**

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

Z AFM
SELF MAPPER

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

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:

BAZZAZ ®

POWER · INJECTED

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

F197 |T197