INSTALLATION INSTRUCTIONS

BAZZAZ®

UNLEASH.
THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFi FUEL MANAGEMENT
ZFi TC FUEL + QS + TRACTION CONTROL

HONDA GROM | 2013-2018
F393 | T393

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 public lands.

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.
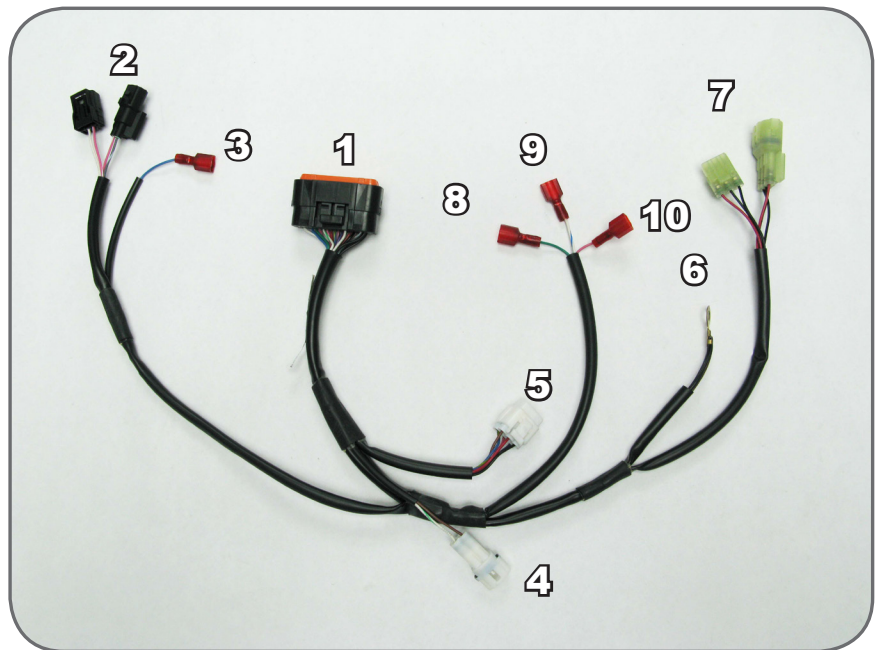
2>IDENTIFY

INCLUDED PARTS

1. Z-Fi / Z-FiTc control unit (depending on kit purchased)
2. Fuel harness
3. Coil harness (Z-FiTc kit ONLY)
4. Shift switch (Z-FiTc kit ONLY)
5. USB cable
6. Scotchlok- updated to Posi-Tap (Instructions provided in Box)
7. Zip ties
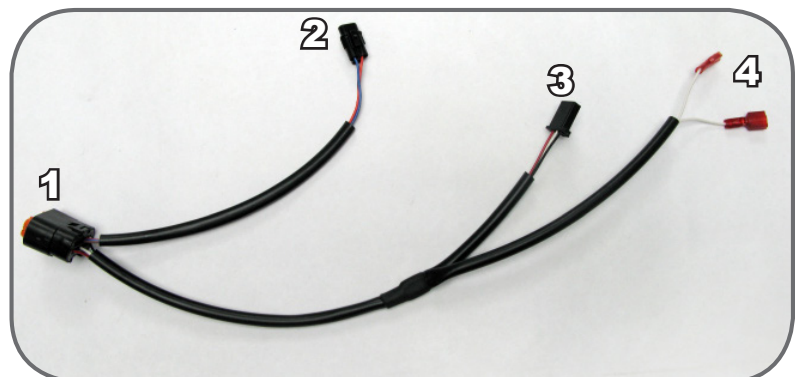8. Velcro
9. O2 Stabilizer

FUEL HARNESS

1. Main
2. Injector
3. TPS
4. ZAFM
5. Map Select
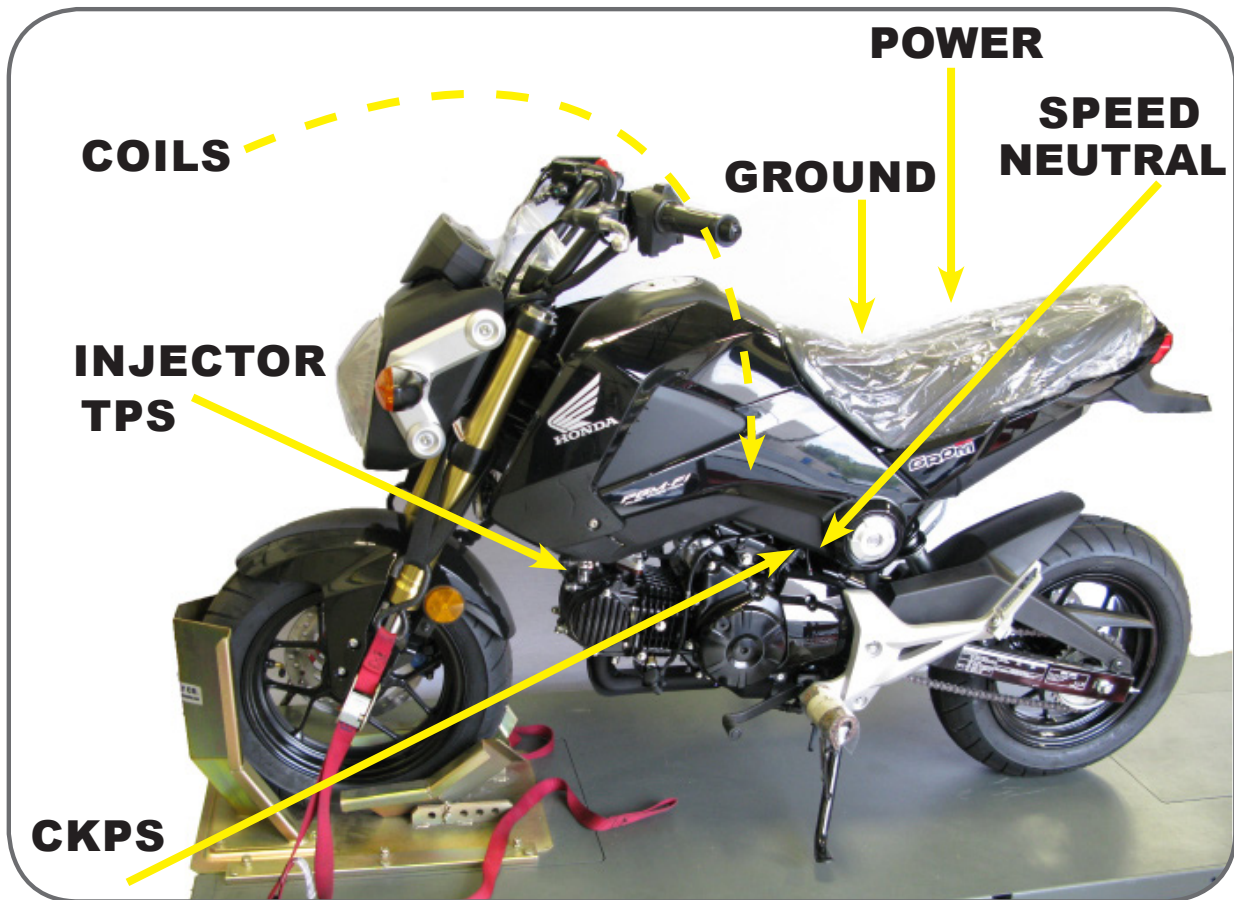6. Ground
7. +12v Sw. Power
8. CKPS
9. Neutral
10. Speed

COIL HARNESS (FOR Z-FI TC ONLY)

1. Main
2. TC Active Light
3. Shift Switch
4. Coil

3>REMOVE

1. Seat
2. Left side panel
3. Right side panel

4>ROUTE

1. Begin routing the Bazzaz fuel harness along the bottom left side of the fuel tank.
2. Route the Bazzaz injector and Throttle Position Sensor (TPS) leads down to the factory throttle body.
3. Route the Bazzaz Crank Position Sensor (CKPS), neutral, and speed connector leads towards the top of the front sprocket cover.
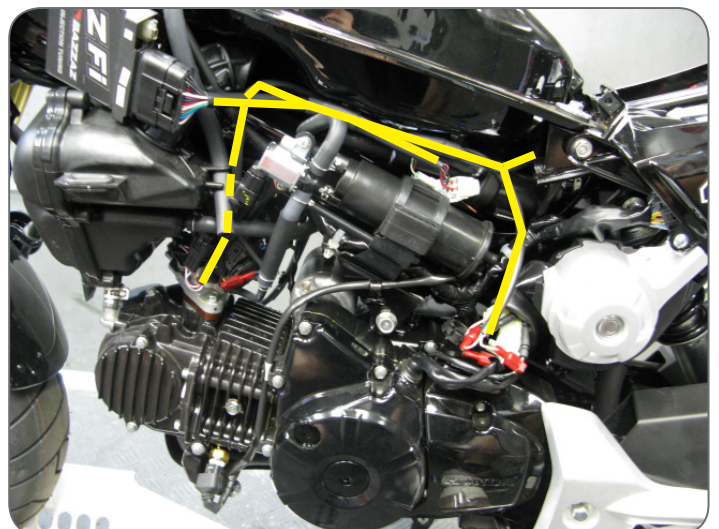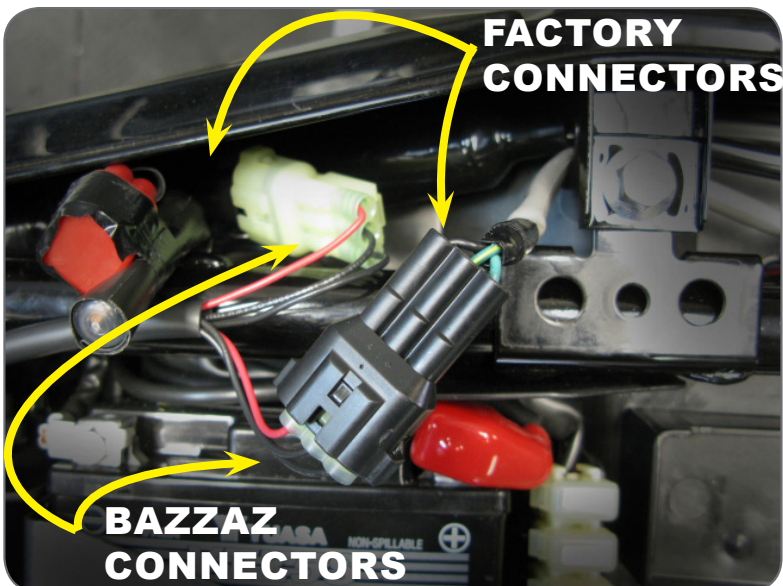
4>ROUTE (CONT.)

1. Route the remaining lead back towards the factory ground location; behind the fuel tank and towards the tail section, along the right side of the bike.
2. Let the fuel harness hang in position.

2016-18 MODEL ONLY

5>CONNECT

FACTORY CONNECTORS
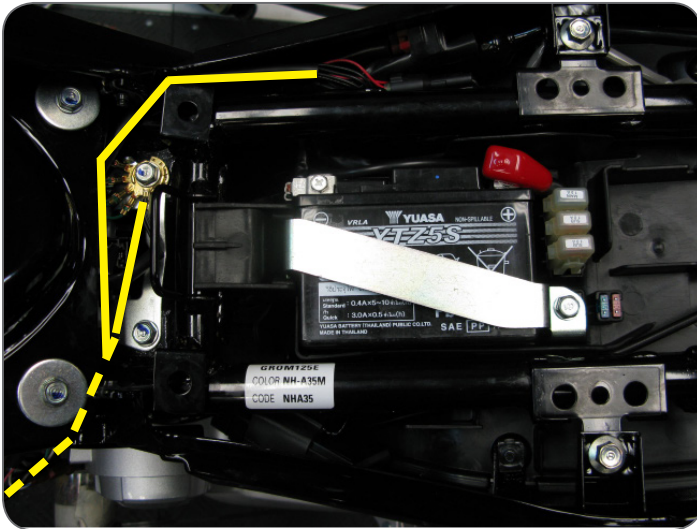
BAZZAZ CONNECTORS

1. Locate the factory black three-pin tail light connectors (near the factory diagnostic connector) in the tail section of the bike.
2. Disconnect the factory tail light connectors.
3. Connect the Bazzaz switched power connectors in-line with the factory connectors.

6>GROUND

1. Locate the factory ground location near the back of the fuel tank.
2. Remove the factory 10mm bolt.
3. Connect the Bazzaz ground lug with the factory grounds.
4. Do not tighten factory bolt yet,as O2 stabilizer ground has to be installed later (Step- 9>O2 Stabilizer)
5. Reinstall factory bolt.

**2016-18 MODEL ONLY**
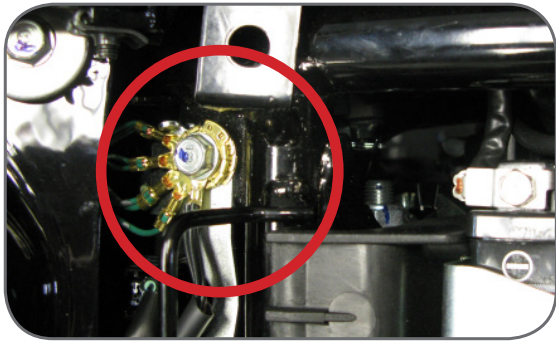
7>CONNECT

7.1

1. Locate the factory black rubber boot which can be found above the front sprocket cover, on the left side of the bike.
2. Begin to push the black rubber boot up, revealing several connectors.
3. Locate the factory CKPS connector which is a four-pin natural color connector.
4. Separate the blue / yellow wire of the factory CKPS connector away from the other wires.
5. Crimp a supplied Scotchlok onto the blue / yellow wire.
6. Connect the Bazzaz CKPS connector into the Scotchlok.

BAZZAZ CONNECTOR

FACTORY CONNECTOR

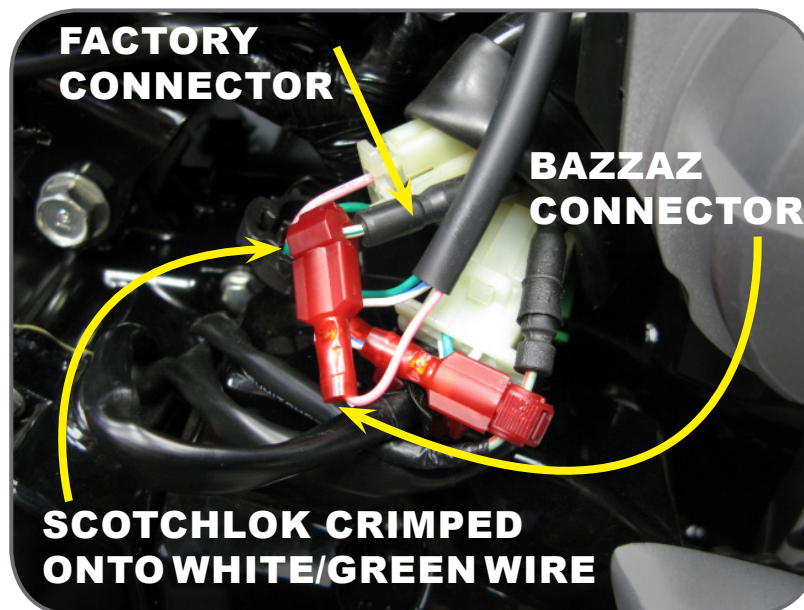SCOTCHLOK CRIMPED ONTO BLUE/YELLOW WIRE
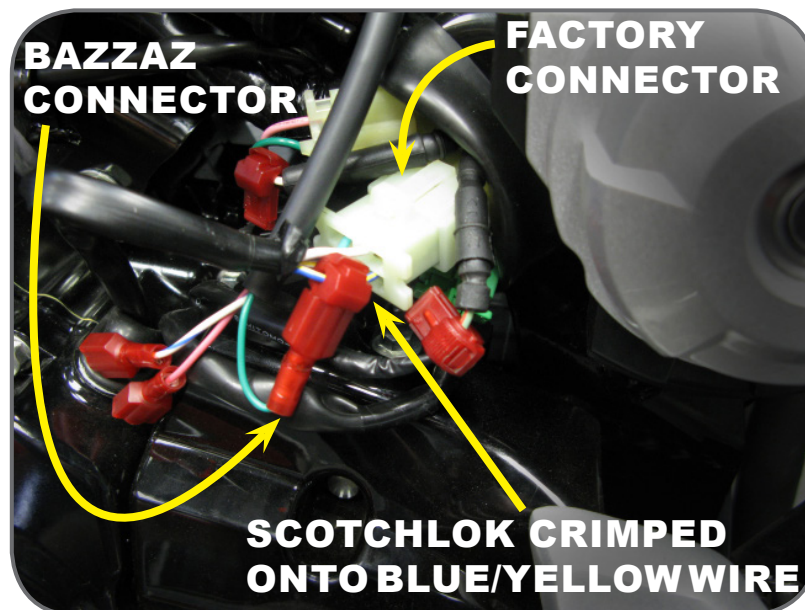
7>CONNECT (CONT.)

7.2
1. Locate the factory neutral connector, which has a single green / red wire and is inside the rubber boot.
2. Crimp a supplied Scotchlok onto the green / red wire of the factory neutral connector.
3. Connect the Bazzaz neutral connector into the Scotchlok.

BAZZAZ CONNECTOR
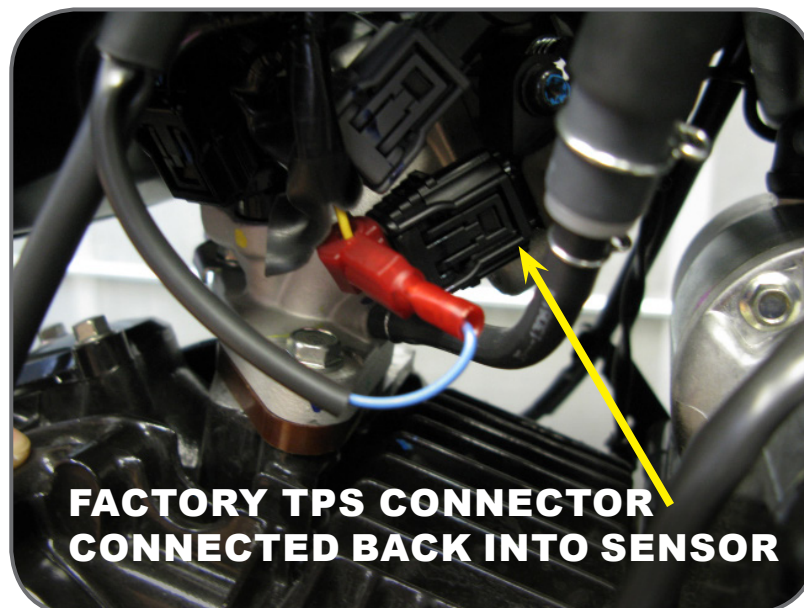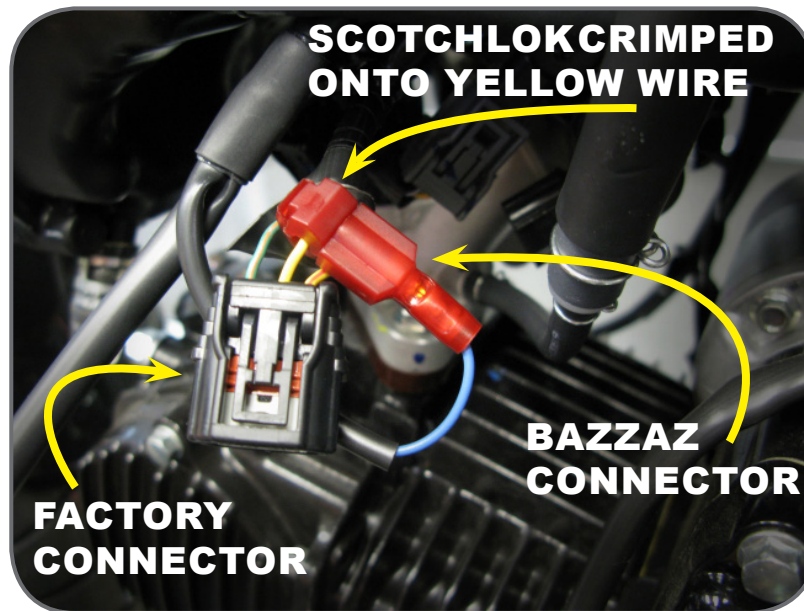FACTORY CONNECTOR
SCOTCHLOK CRIMPED ONTO GREEN/RED WIRE
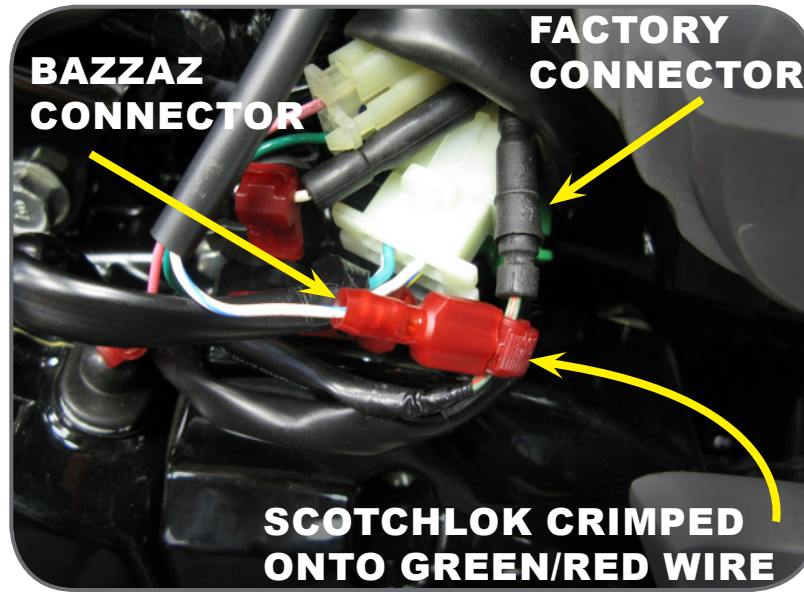
7.3

1. Locate the factory speed connector, which has a single white / green wire and is inside the rubber boot.
2. Crimp a supplied Scotchlok onto the white / green wire.
3. Connect the Bazzaz speed connector into the Scotchlok.

FACTORY CONNECTOR
BAZZAZ CONNECTOR
SCOTCHLOK CRIMPED ONTO WHITE/GREEN WIRE

7>CONNECT (CONT.)
7.4

1. Locate the factory black three-pin TPS connector, located on the left side of the throttle body
2. Disconnect the factory TPS connector from the sensor.
3. Crimp a supplied Scotchlok onto the yellow wire of the disconnected factory TPS connector.
4. Connect the Bazzaz TPS connector into the Scotchlok
5. Reconnect the factory TPS connector to the sensor.

SCOTCHLOK CRIMPED ONTO YELLOW WIRE

BAZZAZ CONNECTOR

FACTORY CONNECTOR

FACTORY TPS CONNECTOR CONNECTED BACK INTO SENSOR

8>INJECTOR
8.1

1. Locate the factory black two-pin injector connector found on the throttle body, at the front of the bike.
2. Disconnect the factory injector connector from the injector.
3. Install the Bazzaz injector connectors inline.
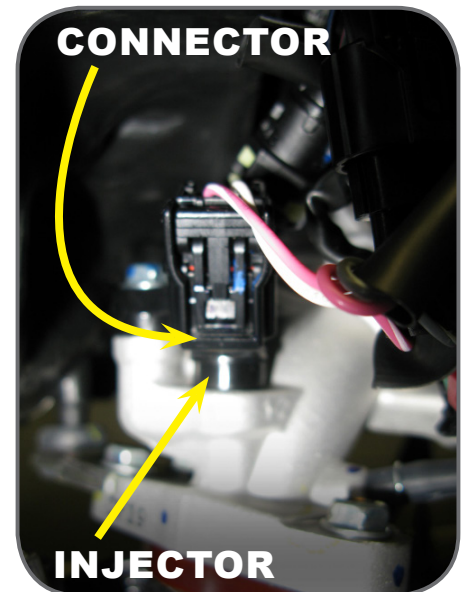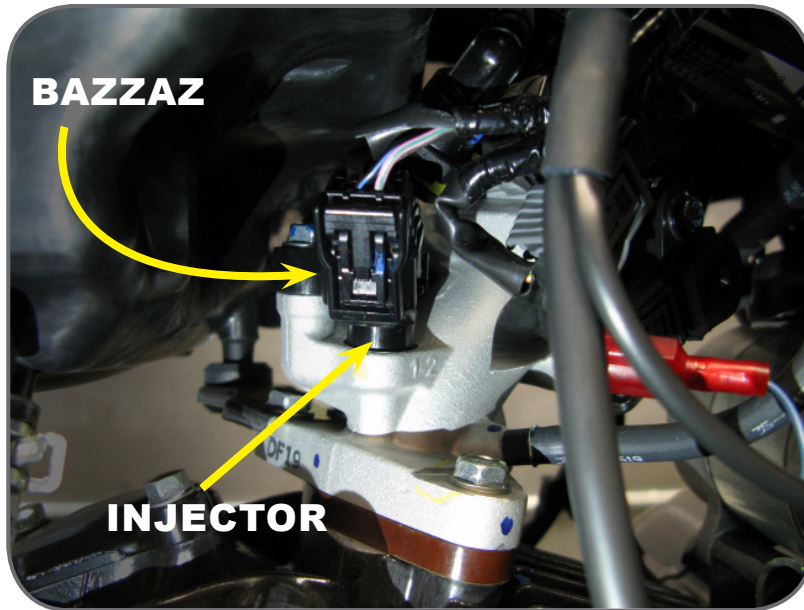
9>O2 STABILIZER

1. Find the stock AFR sensor, unplug it from the stock Honda OEM harness. Stow it away neatl on the bike using zip ties.
2. Using the supplied ScotchLok, clamp onto the singe wire leading fromthe connector to the OEM harness that the AFR Sensor plugged into. (This wire is black and white.)
3. Connect the O2 stabilizer (B6322) to the ScotchLok.

Part number B6322

GROUND

O2 T-TAP

FACTORY CONNECTOR

BAZZAZ CONNECTOR
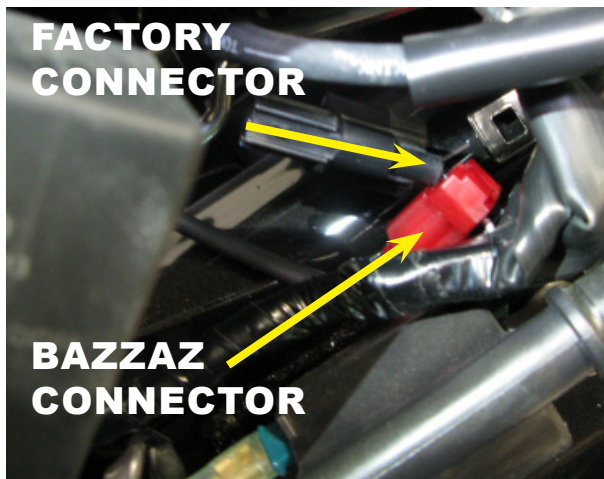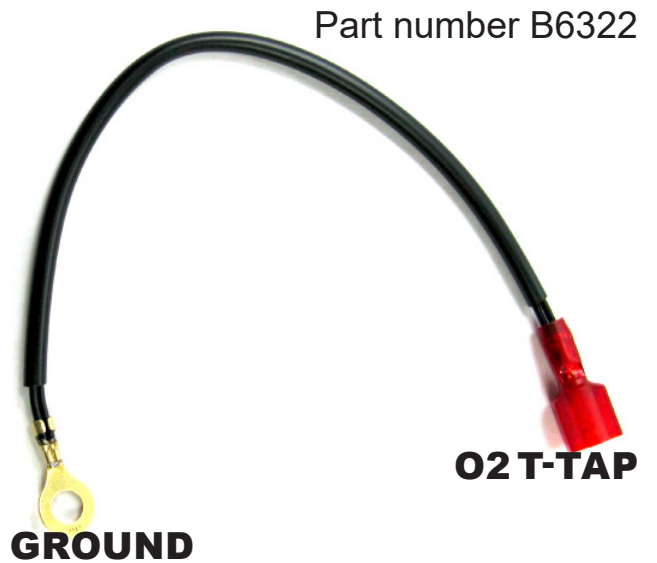
4. Route the remaining end of the O2 Stabilizer to the factory ground location.

10>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).

SECTION 11>CONNECT, AND 12>QUICKSHIFT ARE FOR USE WITH THE BAZZAZ Z-FI TC ONLY!! FOR Z-FI, PLEASE SKIP FORWARD TO SECTION 13>CHECK

11>CONNECT (FOR Z-FI TC ONLY)

11.1

1. Connect the main connector of the Bazzaz coil harness to the control unit.
2. Route the Bazzaz coil harness along the same path as the Bazzaz fuel harness.
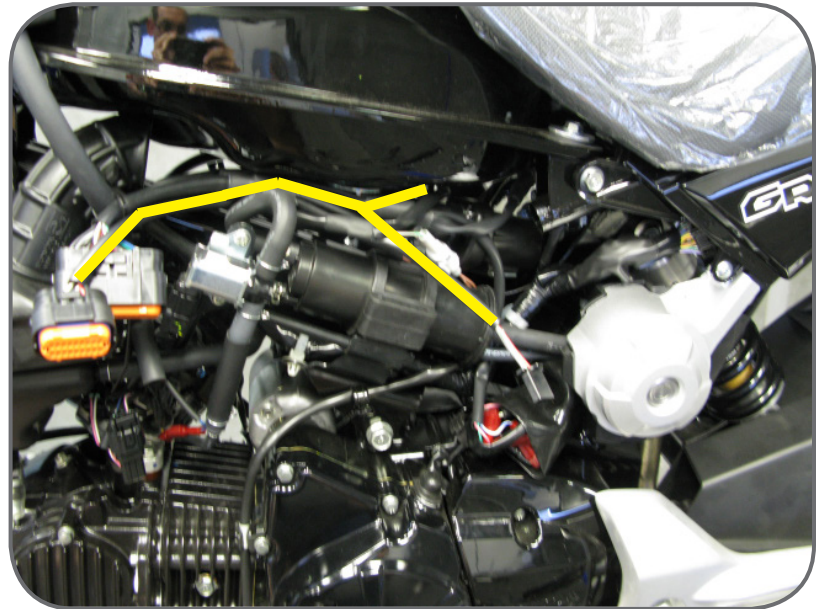
11.2

1. Route the Bazzaz coil connectors beneath the rear of the fuel tank, towards the factory ignition coil, on the right side of the bike.
2. Disconnect the factory coil connector from the coil.
3. Connect the Bazzaz coil connectors in-line with the factory coil connector and coil.

BAZZAZ CONNECTORS

FACTORY CONNECTOR

COIL
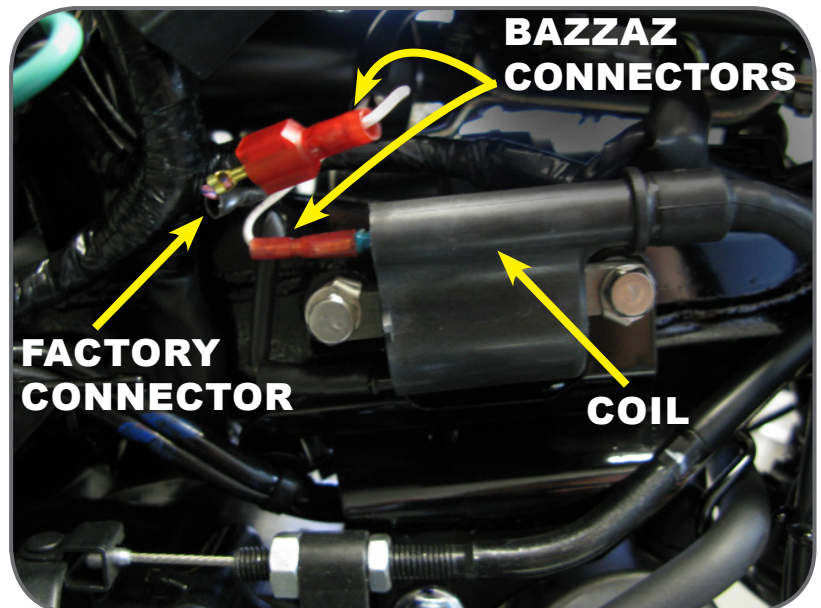
12>QUICKSHIFT

Aftermarket rearsets required to use quick shift function.

1. Installation of the supplied shift switch will vary depending on brand of rearsets used.
2. Adjust the foot pedal to preferred height and secure components.
3. Route the Bazzaz shift switch connector to the mating connector of the Bazzaz coil harness and plug in-line.
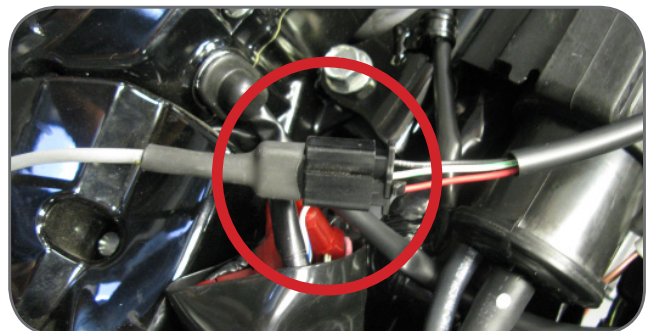
13>CHECK

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

14>REINSTALL

1. After it is determined that everything is correct, reinstall the components removed in step 3.
2. Mount the Z-Fi TC control unit to the inside left panel and secure with velcro.
3. Connect the main connector of the Bazzaz fuel harness into the control unit.

15>USE

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 1   **MAP 2**

16>NEXT LEVEL

**Accessories purchased separately.

MAP SELECT/
TC ADJUST SWITCH

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

129.95

MAP SELECT
SWITCH

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

79.95

Z AFM
SELF MAPPER

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

TC ACTIVE LIGHT

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

79.95

BAZZAZ

POWER · INJECTED

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

F393 | T393