INSTALLATION INSTRUCTIONS

BAZZAZ®

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Z-Fi FUEL MANAGEMENT

YAMAHA WR450F | 2016-2017
F783

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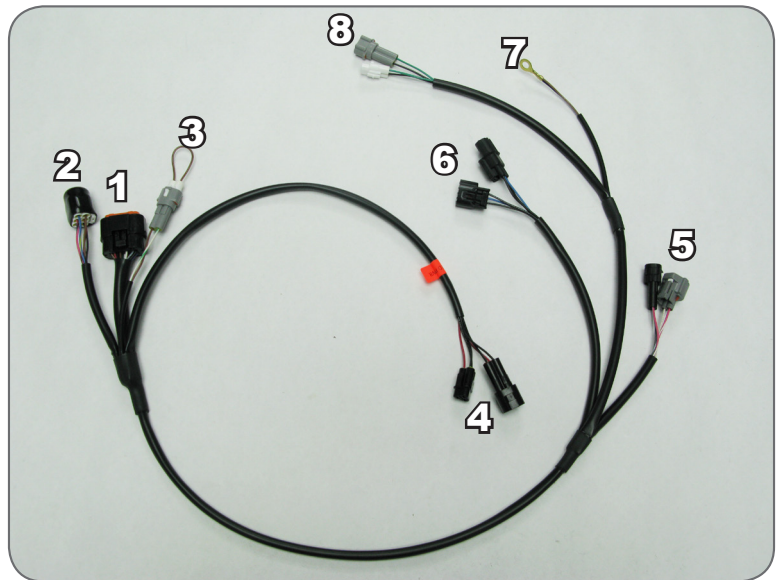- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. USB cable
4. Swingarm stickers
5. Velcro
6. Download Bazzaz software from bazzaz.net/index.php/software-overview

FUEL HARNESS

1. Main
2. ZAFM
3. Map Select
4. +12v SW Power
5. Injector
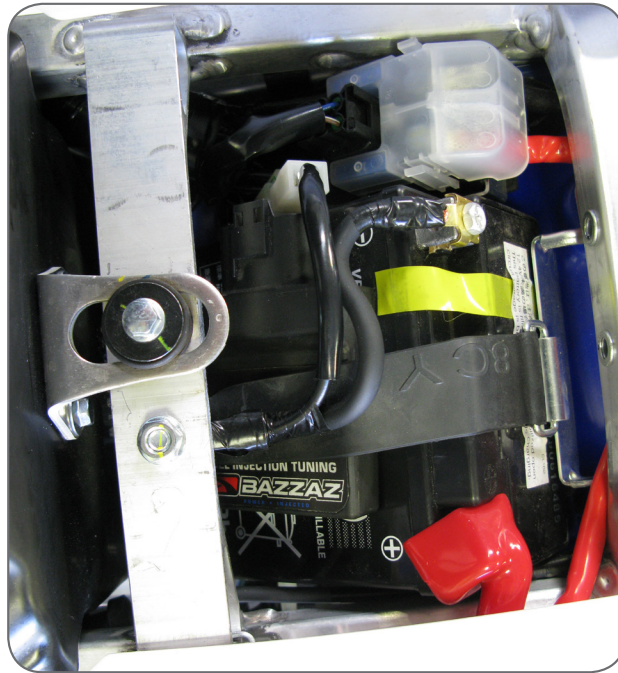6. TPS
7. Ground
8. CKPS

3>REMOVE

1. Rider seat.
2. Fuel tank.
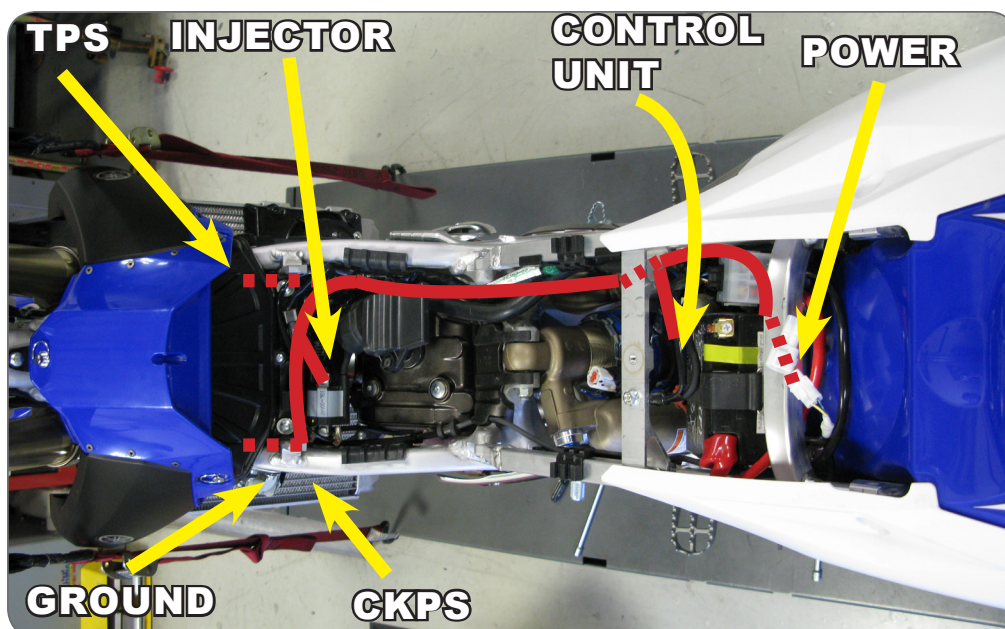3. Left and right radiator shrouds.

4>SECURE

1. The Bazzaz control unit will be secured to the battery using the factory battery strap.
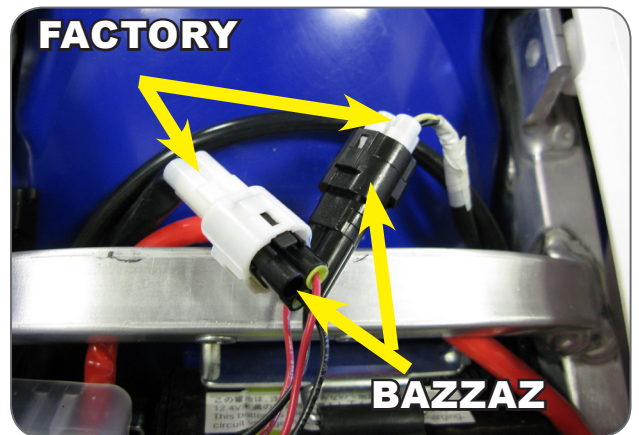

5>CONNECT

5.1

1. Connect the Bazzaz fuel harness to control unit and begin routing the harness forward as shown in the picture below.
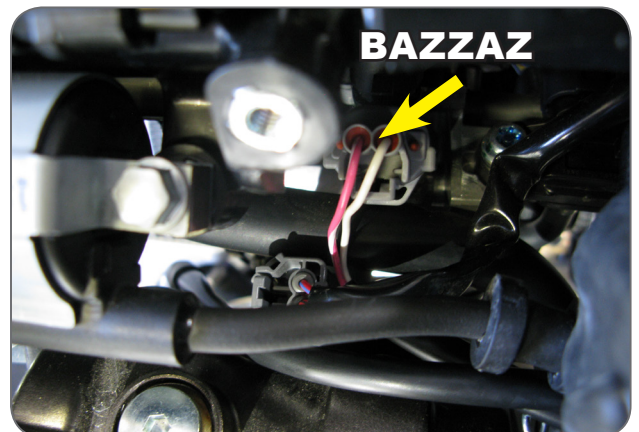
5>CONNECT

5.2

1. Route the Bazzaz power lead (orange label) to the factory white three pin tail light connector.
2. Disconnect the factory tail light connector and install the Bazzaz inline.
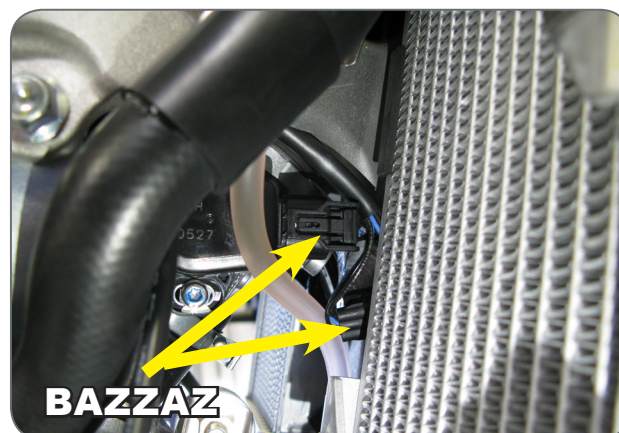

5.3

1. Locate the factory grey injector connector, which can be found just below where the airbox connects to the throttle body.
2. Disconnect the factory injector connector and install the Bazzaz inline.

5.4

1. Locate the factory blue TPS connector, which will be on the right hand side of the throttle body with a black rubber boot covering the sensor and connector.
2. Disconnect the factory TPS connector and install the Bazzaz inline. **Note: To access the sensor more freely you may unbolt the radiator fan and loosen the right side radiator.**
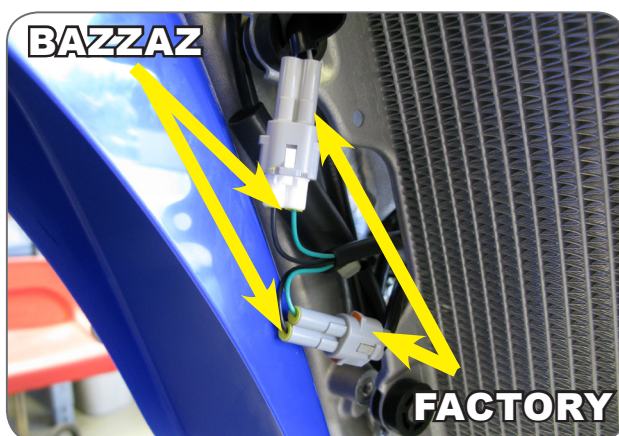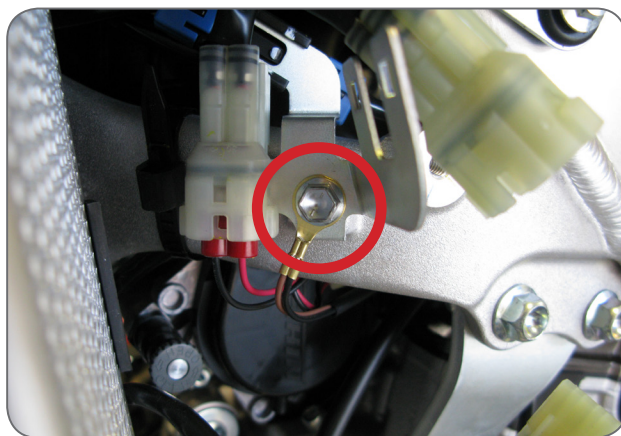
5>CONNECT (CONT.)

5.5

1. Locate the factory grey two pin CKPS connectors, which can be found between the left side radiator and the frame.
2. Disconnect the factory CKPS connectors and install the Bazzaz CKPS connectors inline.

5.6

1. Locate the factory 8mm bolt holding the reg/rect connectors and install the Bazzaz ground lug.

5.7

1. The Bazzaz kit comes with a M5 allen head screw that will replace the stock throttle stop screw. The stock throttle stop has a T27 safety Torx head and is located on the bottom left hand side of the throttle body near the choke. Completely remove the stock throttle stop screw and install the replacement Bazzaz screw in its place.

6>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

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7>REINSTALL

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

8>USE

MAPS

The Bazzaz controller is capable of storing two maps. You may 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**

9>NEXT LEVEL

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

MAP SELECT SWITCH

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

79.95

BAZZAZ

POWER · INJECTED

Proudly made in the
United States

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