

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFI

FUEL INJECTION TUNING

YAMAHA YZ250F 2014-2017 F732

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.



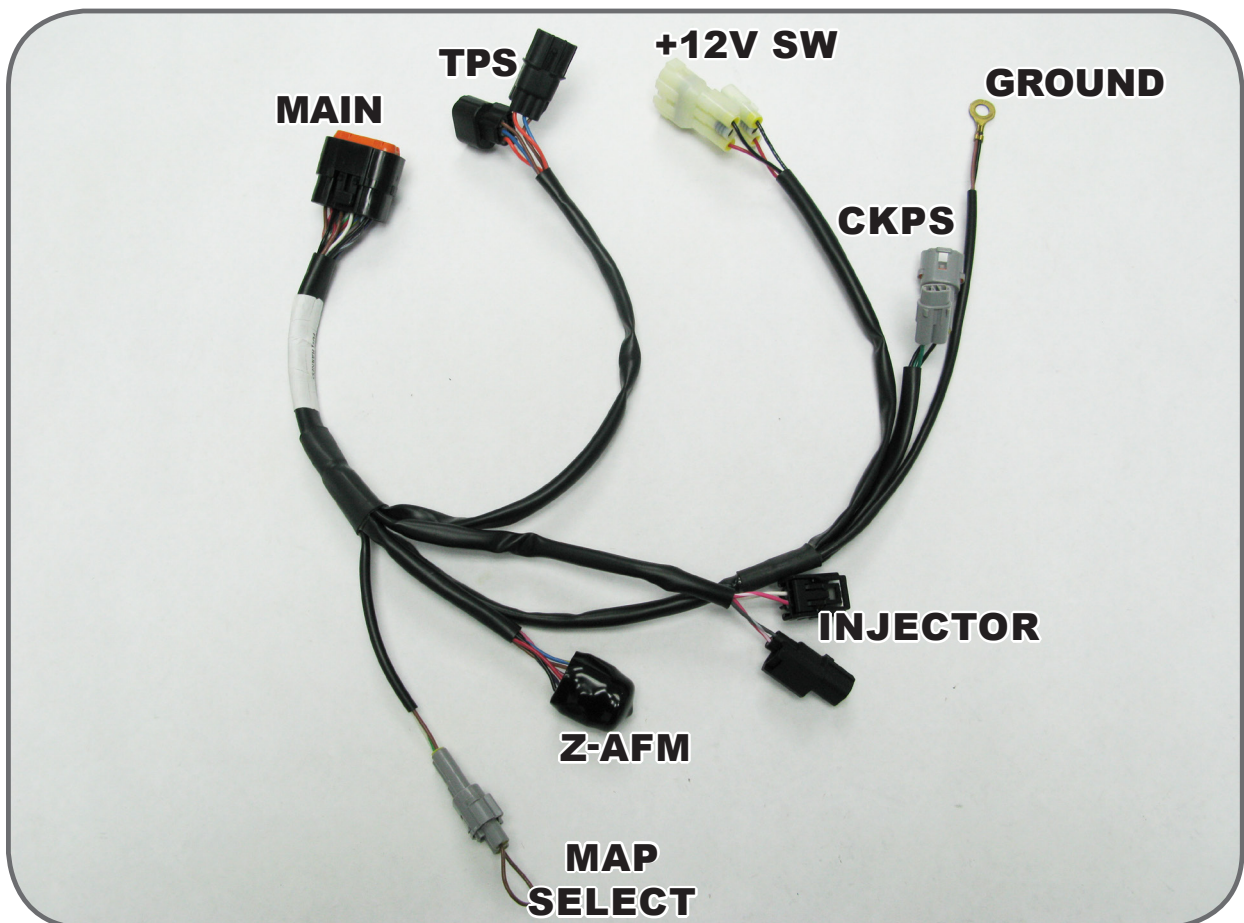
For 2016 and 2017 models: Once installation is complete, please download the Bazzaz software from www.Bazzaz.net. Refer to section 11>CHECK for further instructions after installation is complete.

2>IDENTIFY

INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. Z-Fi Mapper Software (Download off Website)
4. USB cable
5. Z-Fi Aluminum bracket with required hardware
6. Velcro
7. Bazzaz stickers
8. Cable ties

FUEL HARNESS



3> REMOVE

1. Rider seat
2. Fuel Tank
3. Airbox

4> SECURE

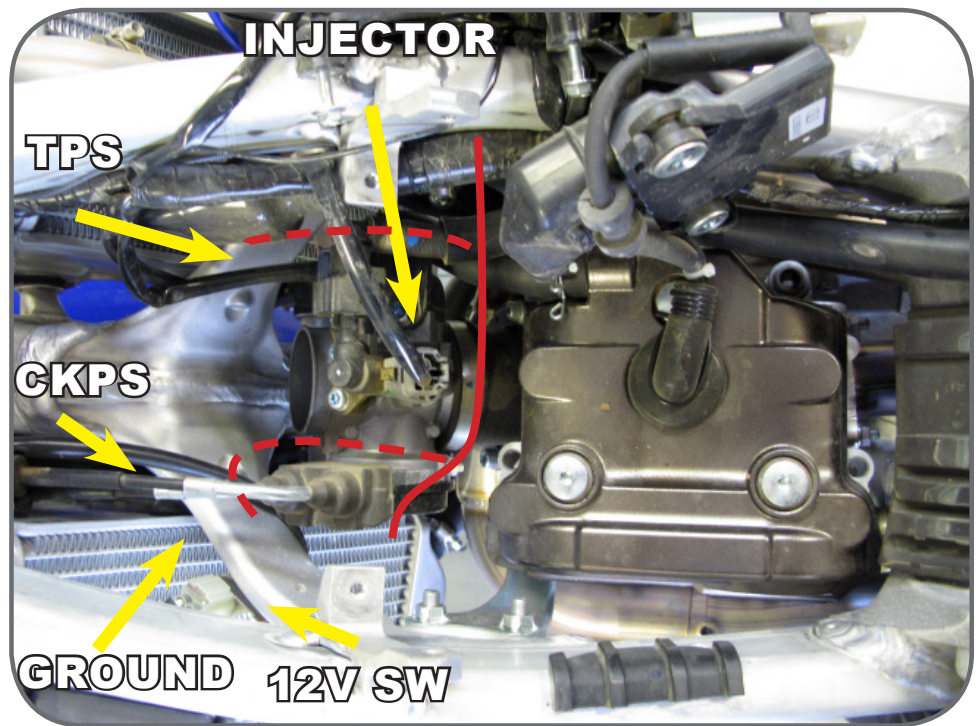


Remove the left side rear engine mount bolt. Replace with the supplied m8 x 30mm flange bolt, only threading them until the bolt is seen from the engine mount side. Mount the ZFi unit into the supplied aluminum bracket using the supplied velcro. Position the bracket and ZFi unit as shown in the above photo. Tighten the engine mount bolt to 32 ft-lb (45mm). Secure the bracket using the supplied 8mm flange nut. Connect the Bazzaz fuel harness to the control unit and begin to route the harness to it's appropriate locations.

5>CONNECT

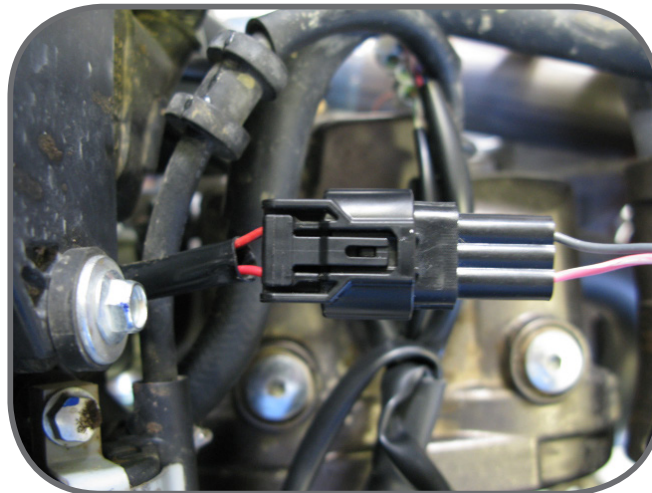
5.1

1. Connect the main connector of the Bazzaz fuel harness to the control unit.



5.2

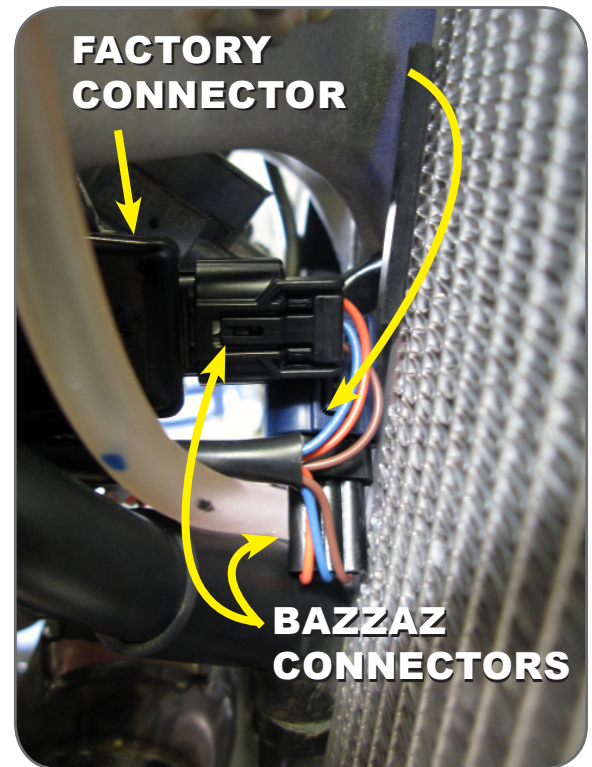
1. Locate the factory black two-pin injector connector found on the top of the throttle body, below the airbox.
2. Disconnect the factory injector connector from the injector.
3. Install the Bazzaz injector connector inline.



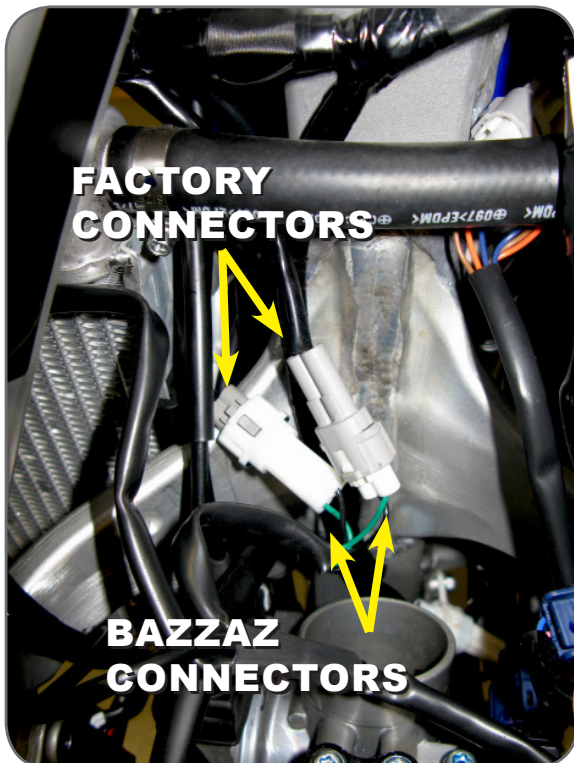
5>CONNECT

5.3

1. Locate the stock throttle position sensor located on the right side of the throttle body. The sensor and the connector will have a black rubber boot covering them. Disconnect the factory TPS connector and install the Bazzaz TPS connectors inline.

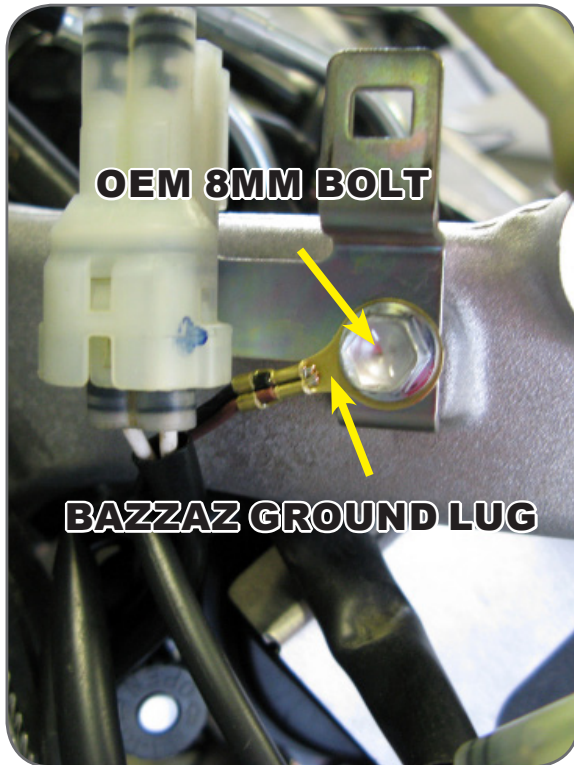


5.4



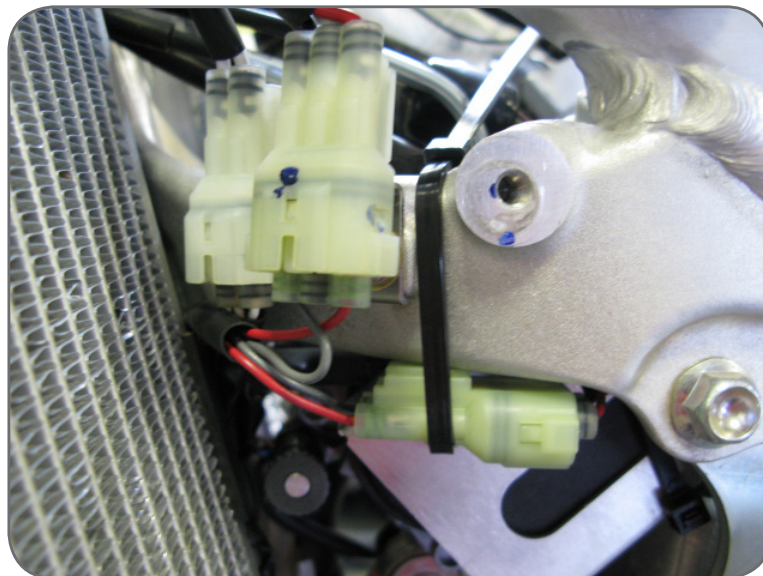
1. Locate the grey factory Crank Position Sensor connectors, found between the frame and left side radiator. Disconnect the stock connectors and install the mating Bazzaz CKPS connectors in-line.

6>GROUND



Locate the factory regulator/rectifier which can be found on the left hand side of the bike on the outside of the frame. Once found remove the factory three pin connector from its mounting bracket. Remove the factory 8mm bolt mounting bracket and install the Bazzaz ground. Install and tighten the factory 8mm bolt.

7>+12W SW



Disconnect the factory three pin regulator/rectifier connector which was removed in the previous step. Install the Bazzaz +12V SW power connectors in line and secure away from any moving parts.

8>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).

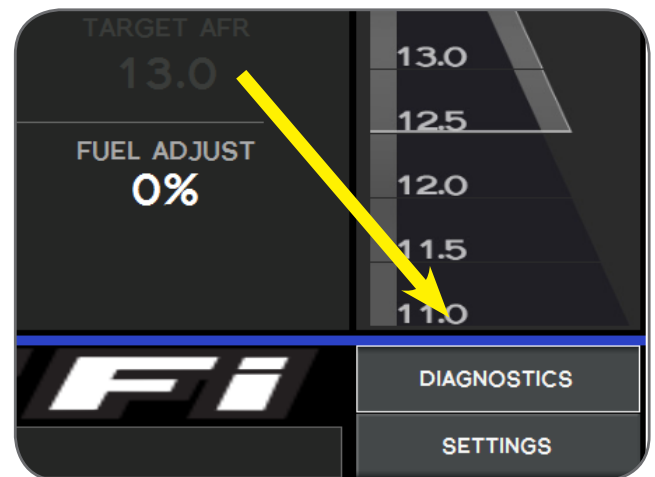
9>CHECK



For 2016 and 2017 models ONLY:

Once installation is complete, please download the Bazzaz software from www.Bazzaz.net.

1. Once downloaded, connect your Z-Fi control unit to your computer with the supplied USB cable.
2. Open the Bazzaz software, and click "Diagnostics" as shown to the right.



3. Enter the following into the Throttle Position values as shown below (READ CLOSED : .47 , READ OPEN: 4.47)
4. Click "**SAVE**".



10>CHECK (CONT.)



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.
 - 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

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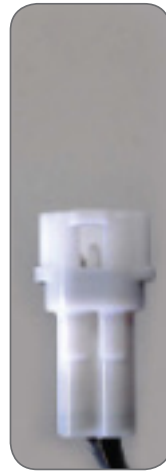
11>REINSTALL

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

12>USE



MAP 1



MAP 2

MAPS

The Bazzaz controller is programmed with two maps.

Map 1 is for use with 2014-2015 models, and Map 2 is for use with 2016-2017 models.

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).

13>NEXT LEVEL



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

Purchased separately.

79.95

Handlebar-mounted switch plugs into any Z-Fi product, allowing the user to switch between fuel maps on the fly.

Easy installation. Weatherproof toggle.



NOTES:



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United States

F732