

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFI FUEL MANAGEMENT

ZFI TC FUEL + QS + TRACTION CONTROL

HONDA CB300F | 2015
F3412 | T3412

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.

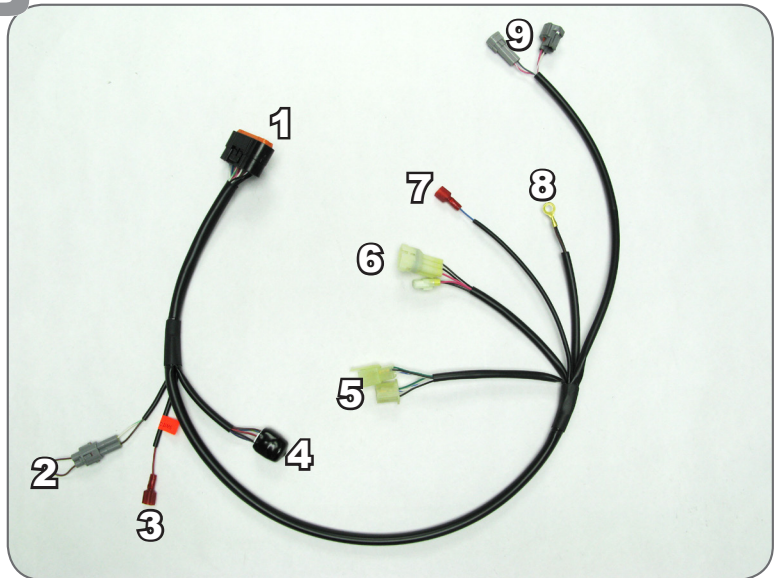
2>IDENTIFY

INCLUDED PARTS

1. Z-Fi/Z-Fi TC control unit
2. Fuel harness
3. Coil harness (For Z-Fi TC only)
4. Shift Switch and mounting hardware (For Z-Fi TC only)
5. Scotchlok (2)
6. USB cable
7. Swingarm stickers
8. Velcro
9. Download Bazzaz software from bazzaz.net/index.php/software-overview

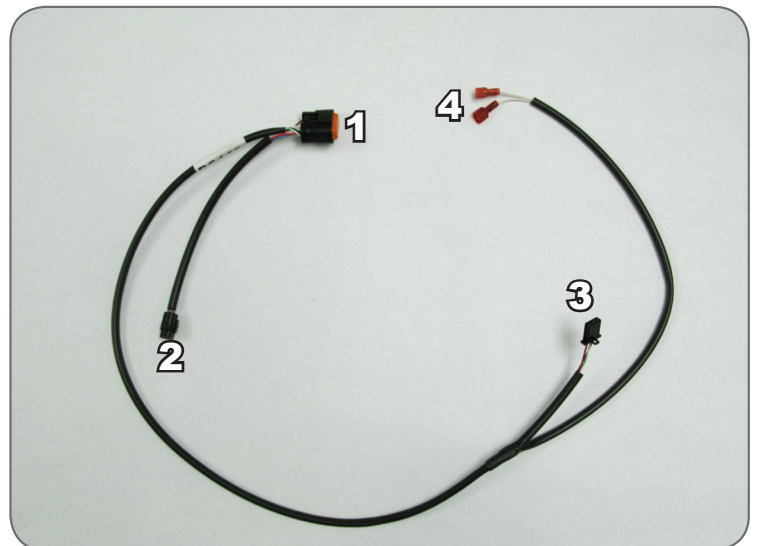
FUEL HARNESS

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



COIL HARNESS (Z-FI TC ONLY)

1. Main
2. TC Adjust Switch
3. Shift Switch
4. Coil

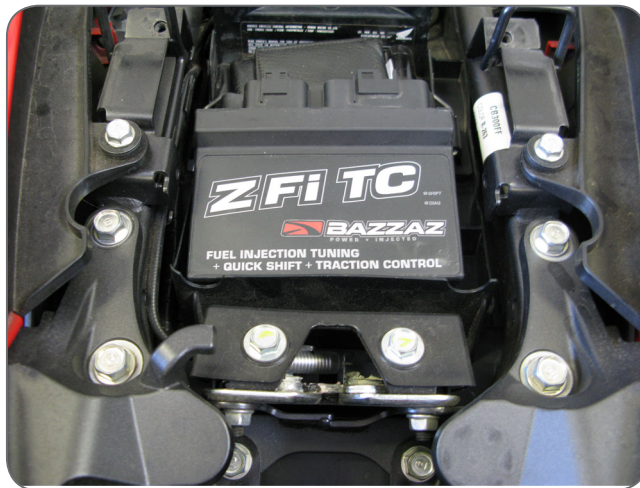


3>REMOVE

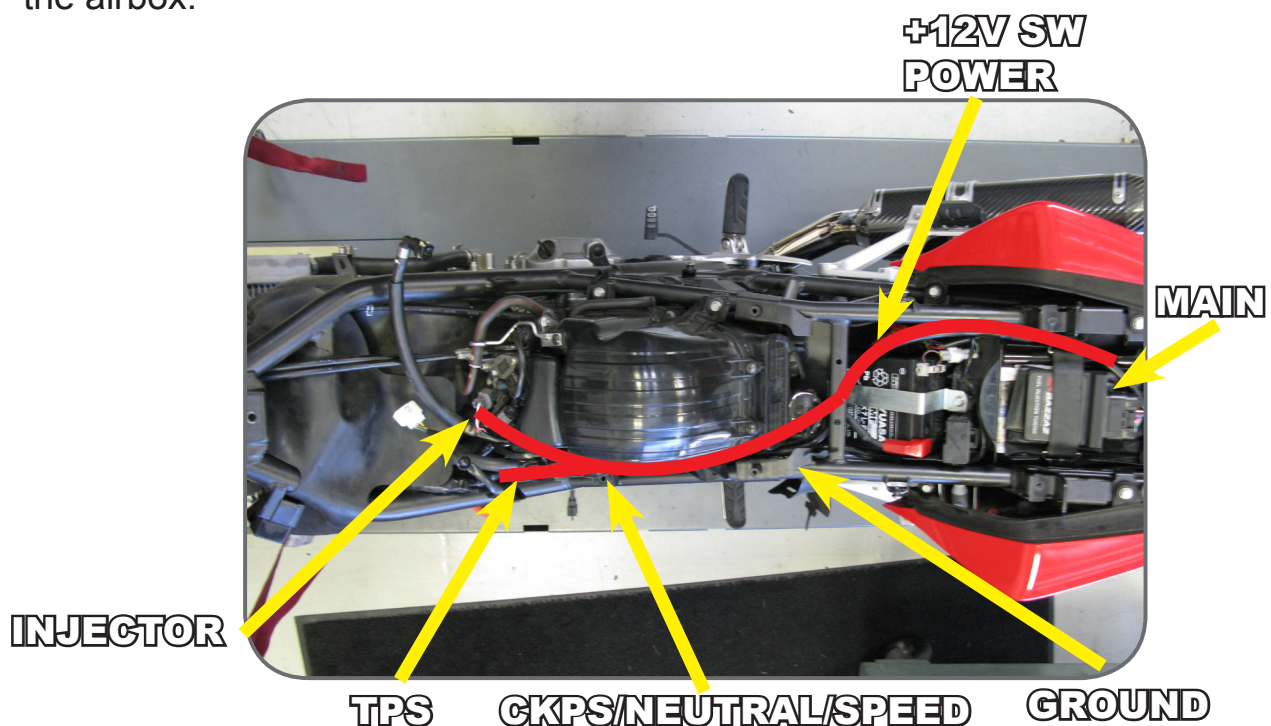
1. Rider seat
2. Passenger Seat
3. Right and left side fairing
4. Fuel Tank

4>SECURE

1. Mount the Bazzaz control unit using the supplied Velcro in the tail section of the bike.



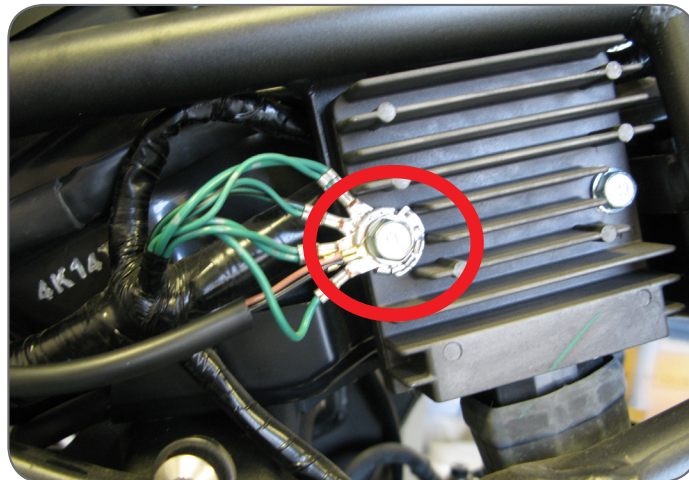
2. Route the Bazzaz harness along the left hand side of the bike towards the front of the airbox.



5>CONNECT

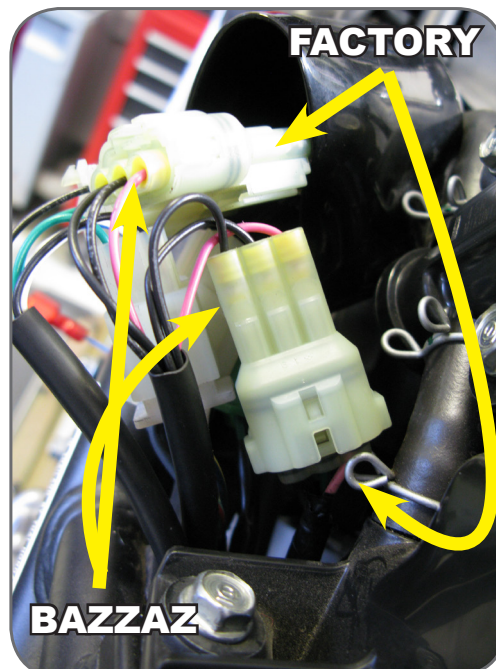
5.1

1. Locate the factory ground location, which can be found on the left hand side of the bike near the regulator/rectifier.
2. Install the Bazzaz ground lug and retighten the factory bolt



5.2

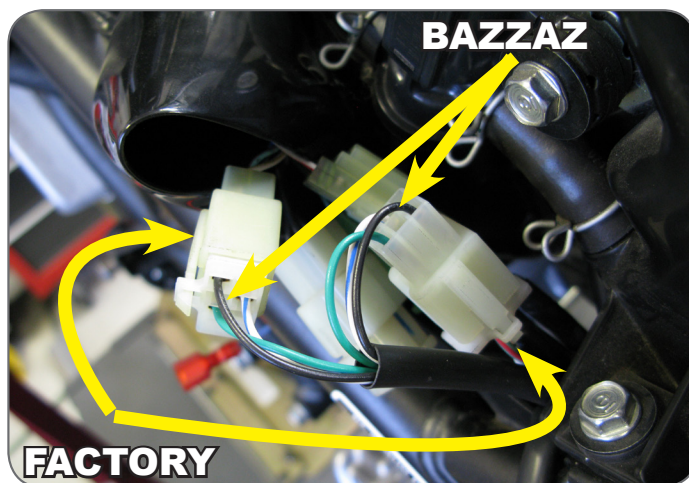
1. Locate the factory black rubber boot on the left hand side of the bike near the front of the air box.
2. Pull the black rubber boot up to gain access to the factory connectors.
3. Locate the factory speed connector and connect the Bazzaz speed connectors inline.



5>CONNECT (CONT.)

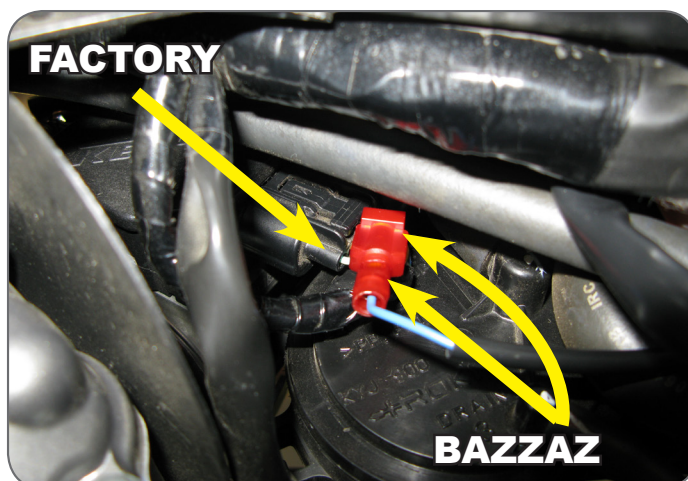
5.3

1. Next locate the factory CKPS/Neutral connector, which can be found within the same rubber boot as the speed connector.
2. Disconnect the factory CKPS/Neutral connector and install the Bazzaz CKPS/Neutral connector inline.



5.4

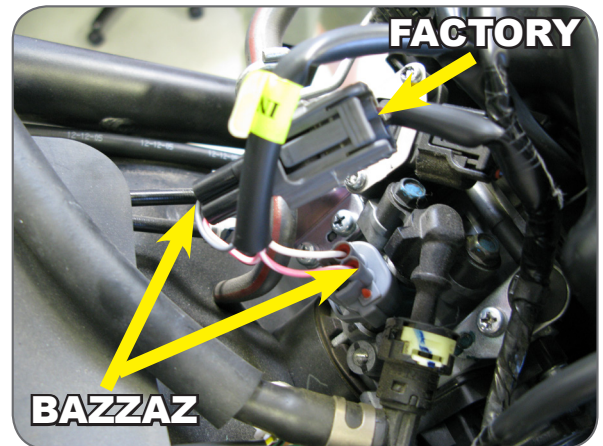
1. Locate the factory TPS connector, which will be found on the left hand side of the bike next to the throttle body.
2. Separate the factory yellow wire and use the supplied scotchlok to crimp onto the yellow wire.
3. Connect the Bazzaz TPS connector.



5>CONNECT (CONT.)

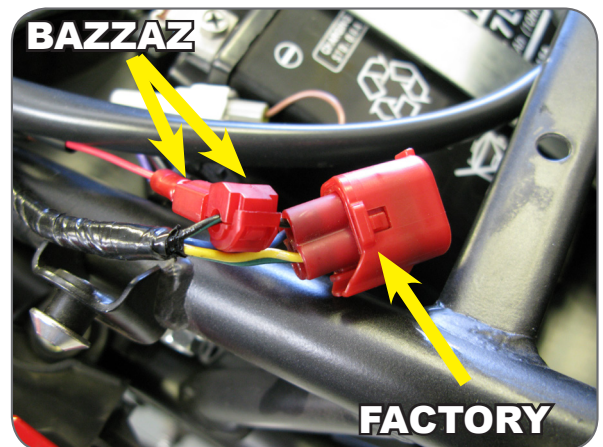
5.5

1. Locate the factory injector, which is located towards the front of the airbox on top of the throttle body.
2. Disconnect the factory injector connector and install the Bazzaz injector connector inline



5.6

1. Locate the factory red diagnostic connector, which can be found to right of the battery.
2. Separate the factory black/green wire and use the supplied scotchlok to crimp onto the black/green wire.
3. Connect the Bazzaz +12v SW power connector.



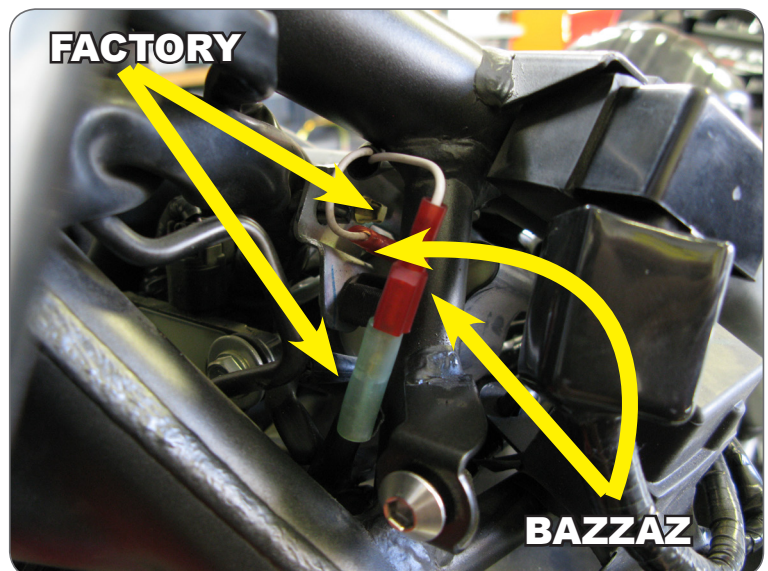
SECTION 6>CONNECT, AND 7>QUICKSHIFT ARE FOR USE WITH THE BAZZAZ Z-FI TC ONLY!! FOR Z-FI, PLEASE SKIP FORWARD TO SECTION 8>O2 ELIMINATION

6>CONNECT

6.1

1. Connect the Bazzaz coil harness to the Bazzaz control unit, and begin to route the harness along the Bazzaz fuel harness towards the front of the bike.
2. Locate the factory coil, which can be found on the left hand side of the bike near the neck of the frame.
3. Disconnect the top connector (green base on the coil) and install the Bazzaz coil connector inline.

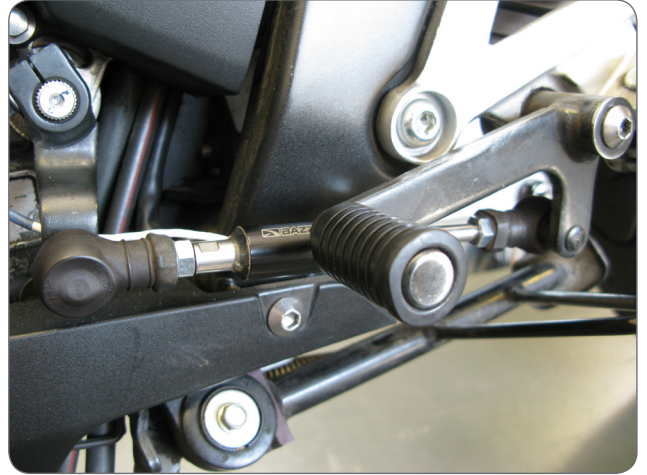
(FOR USE WITH Z-FI TC ONLY!)



7>QUICKSHIFT

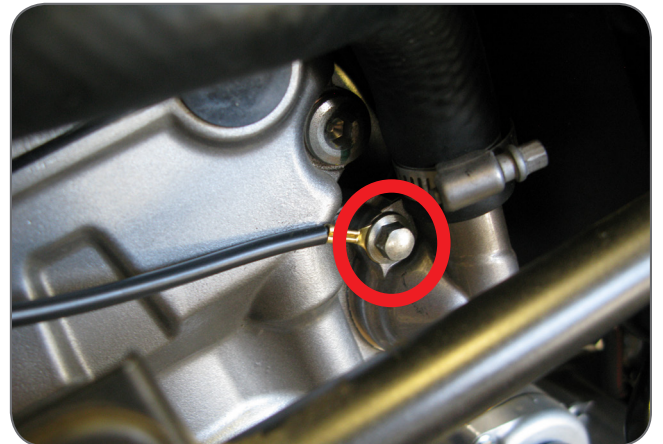
(FOR USE WITH Z-FI TC ONLY!)

1. Measure and note your shift pedal height so you may reposition the shift pedal once complete.
2. Remove the factory shift rod, and begin to install the Bazzaz shift switch using one of the supplied allen stud bolts and tighten.
3. Install the Bazzaz shift rod. (The shift rod may need to be cut to get your original shift pedal height.)
4. Ensure to retighten all lock nuts on the shift linkage



8>O2 ELIMINATION

1. Next, locate the factory O2 sensor connector, which can be found on the left hand side frame rail near the radiator.
2. Disconnect the factory O2 sensor connector and secure away from any hot or moving parts.
3. Separate the factory black wire on the factory harness, and use the supplied scotchlok and crimp onto the black wire. Connect the Bazzaz O2 stabilizer.
4. Connect the remaining ground lead to a factory 8mm bolt.



9>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).

10>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-



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

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 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).

13>NEXT LEVEL

MAP SELECT SWITCH

Purchased separately.

Switch maps on the fly with this handlebar-mounted switch.

Weatherproof toggle and easy installation.

79.95



13>NEXT LEVEL (CONT.)

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/ 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



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:



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

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