INSTALLATION INSTRUCTIONS

BAZZAZ

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Z-Fi

FUEL CONTROL

YAMAHA FZ-09 2014
F792

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

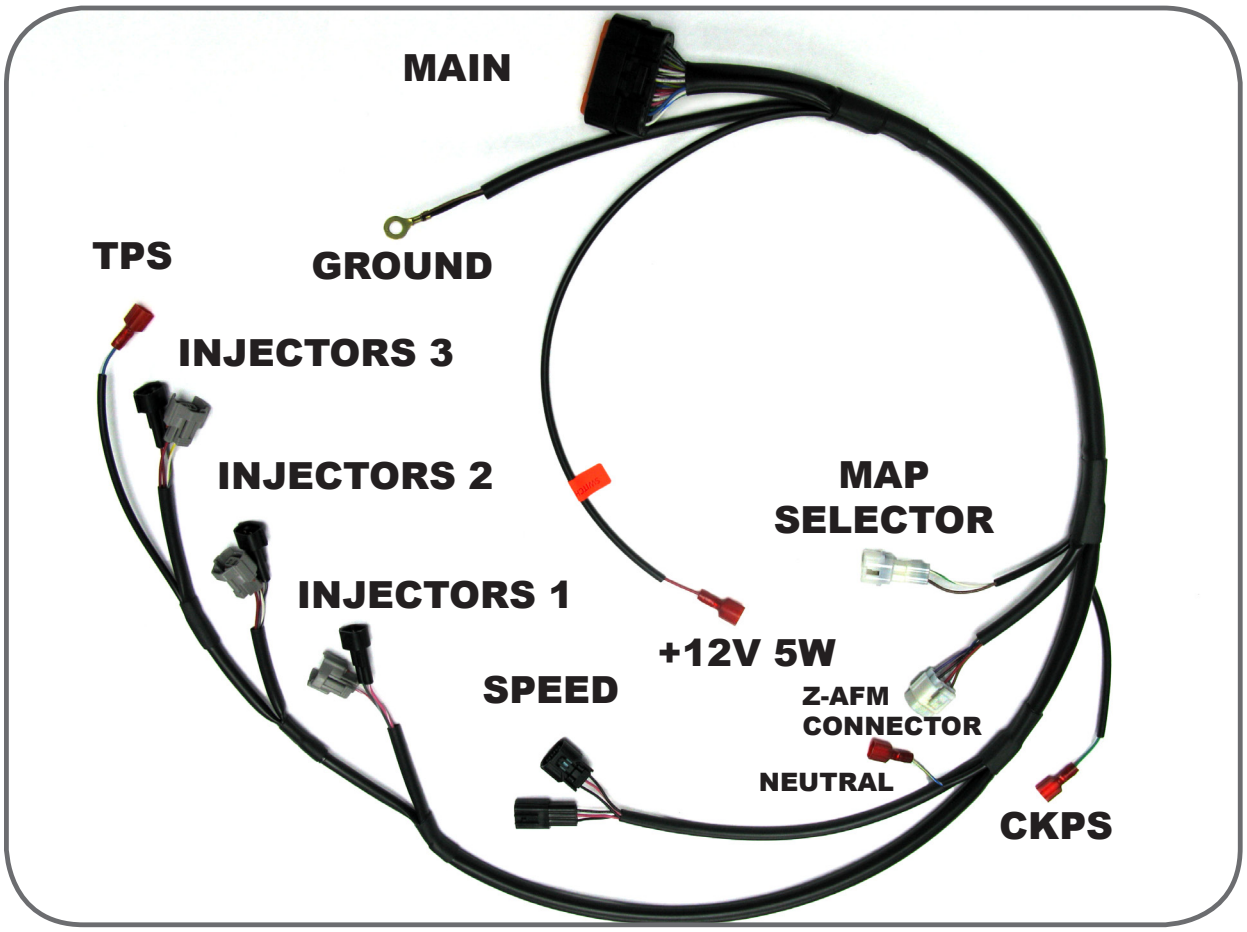
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. Coil harness
4. Z-Fi Maper Software (Download off Website)
5. USB cable
6. Zip ties
7. Velcro
8. Scotch Loks
9. Swingarm Stickers

FUEL HARNESS

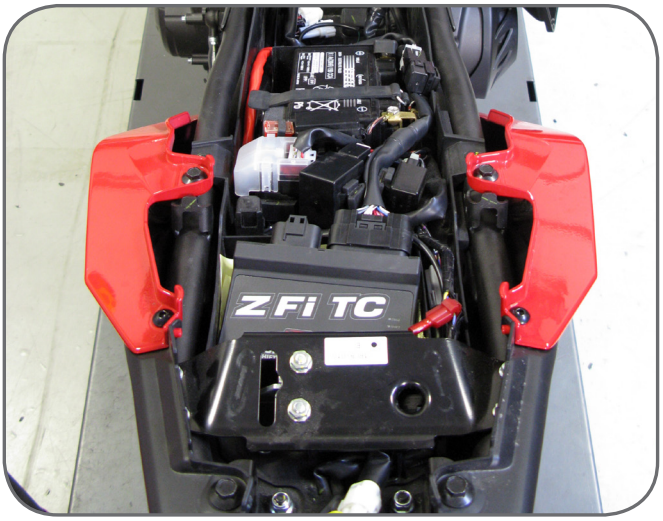


3>REMOVE

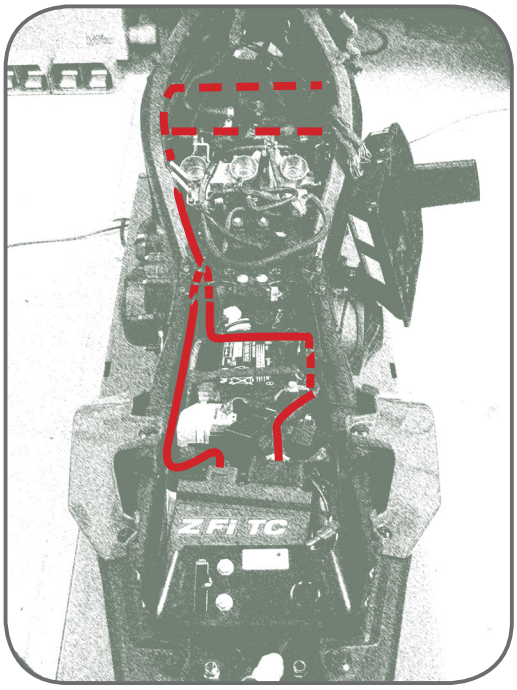
1. Rider seat
2. Fuel Tank
3. Airbox

4>SECURE

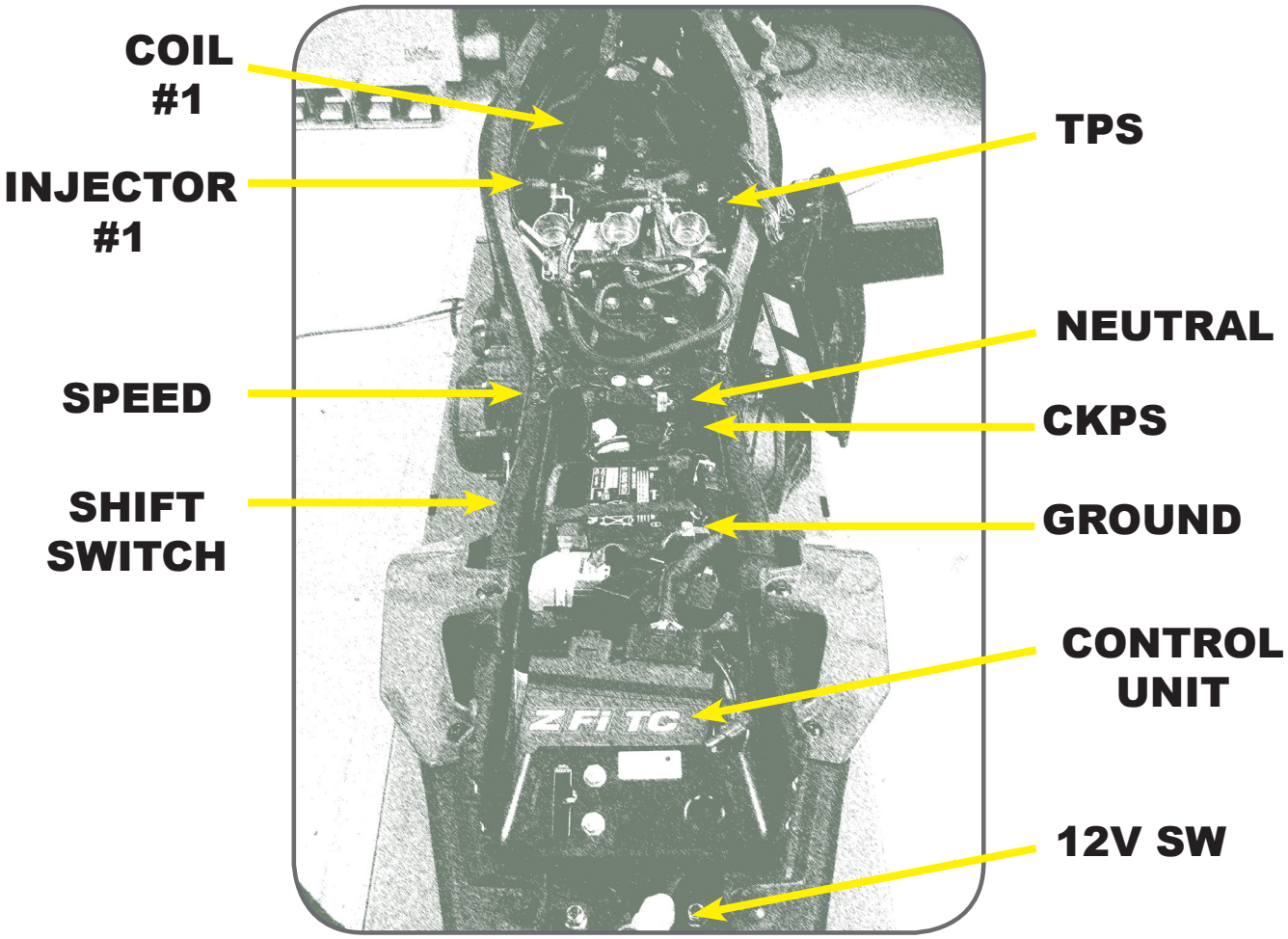
1. Mount the control unit using the supplied velcro in the tail section of the bike.



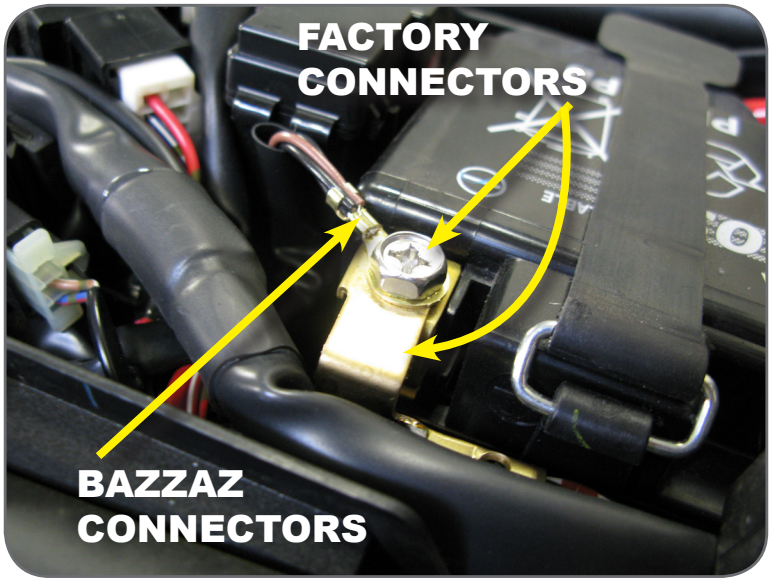
5>CONNECT



1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Begin routing the fuel harness down the right side of the bike, following along with the factory harness, routing towards the battery. Then begin to route the harness to the left hand side of the bike towards the factory throttle bodies.

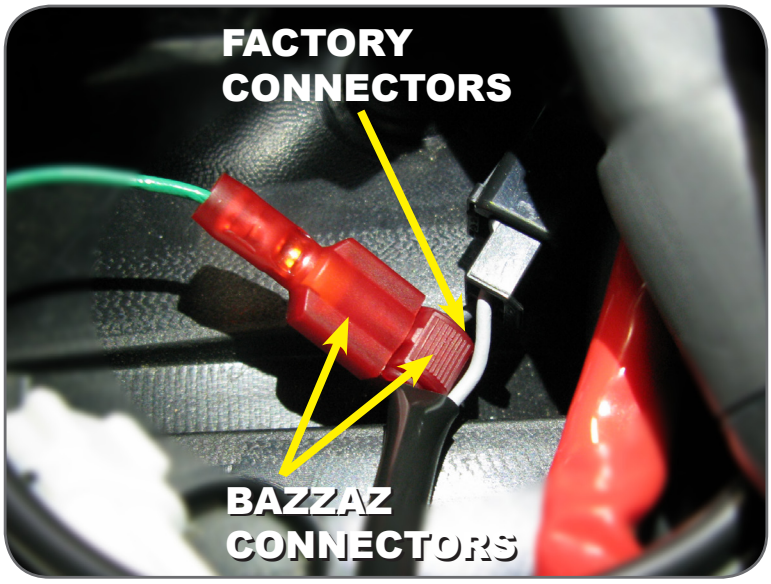


6>GROUND



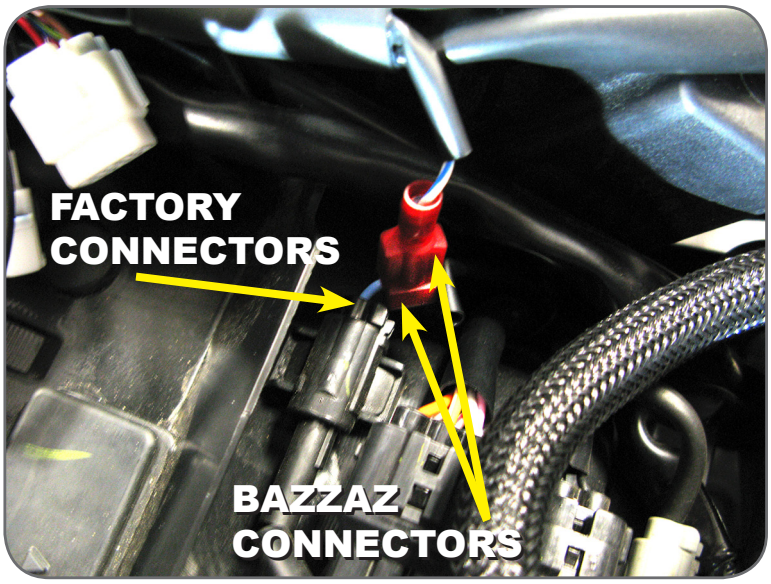
3. Next, route the Bazzaz ground lug to the factory negative battery terminal. Unbolt the factory negative battery terminal and install the Bazzaz ground lug. Reinstall and tighten the negative battery bolt.

5>CONNECT (CONT.)

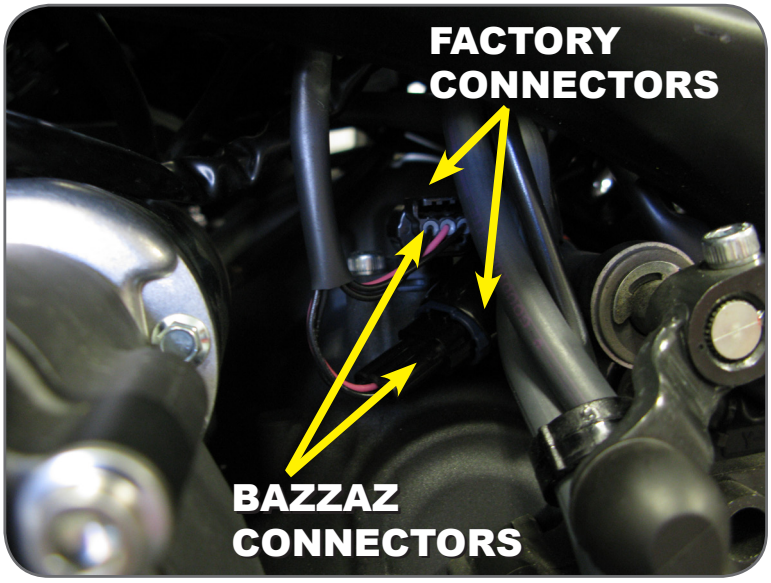


4. Next, locate the factory 2 pin black CKPS connector which can be found in front of the factory battery location. Once found, use a supplied scotch lok to crimp onto the factory dark grey wire. Connect the Bazzaz CKPS connector to the scotch lok crimped onto the dark grey wire.

5>CONNECT (CONT.)

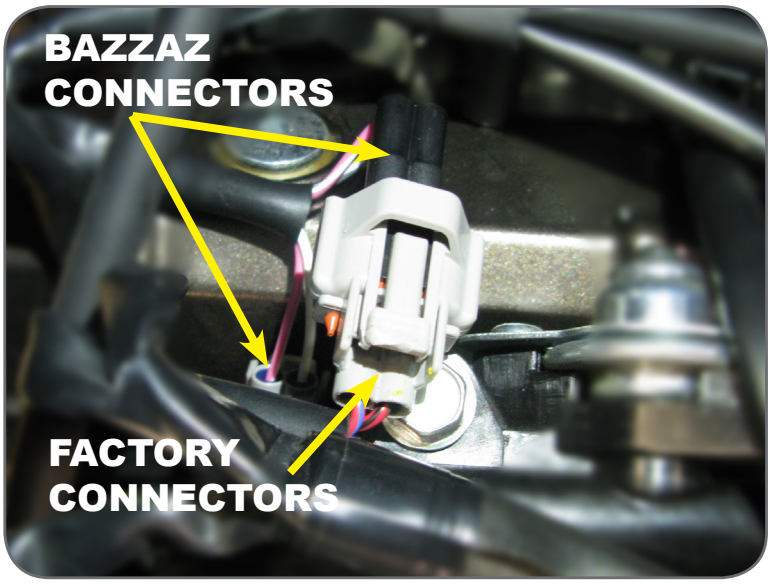


5. Locate the factory black single pin neutral sensor connector which can be found near the rear tank mount in front of the factory battery tray. Once located, use the supplied scotch lok to crimp onto the light blue wire. Install the Bazzaz neutral sensor connector onto the scotch lok.

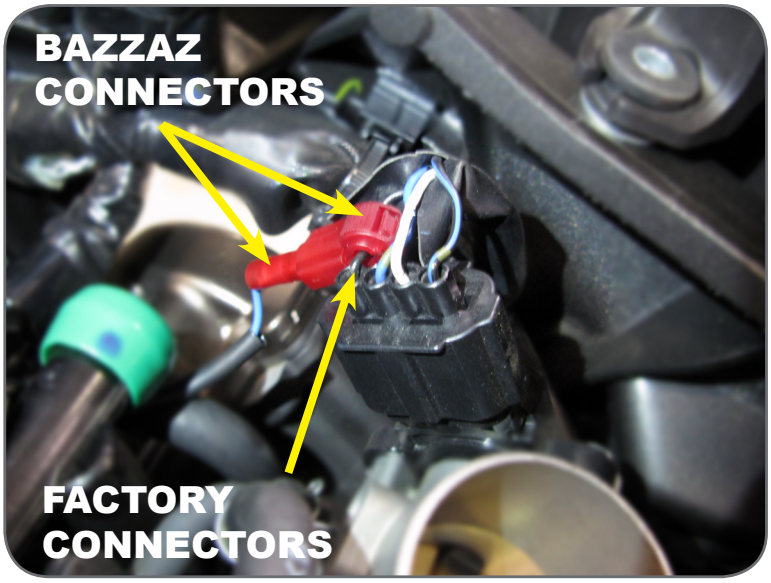


6. Locate the Bazzaz speed sensor connector and begin to route the connectors towards the factory shift shaft. Locate the factory speed sensor connector. Disconnect the factory blue speed sensor connector and install the Bazzaz speed connectors inline.

5>CONNECT (CONT.)

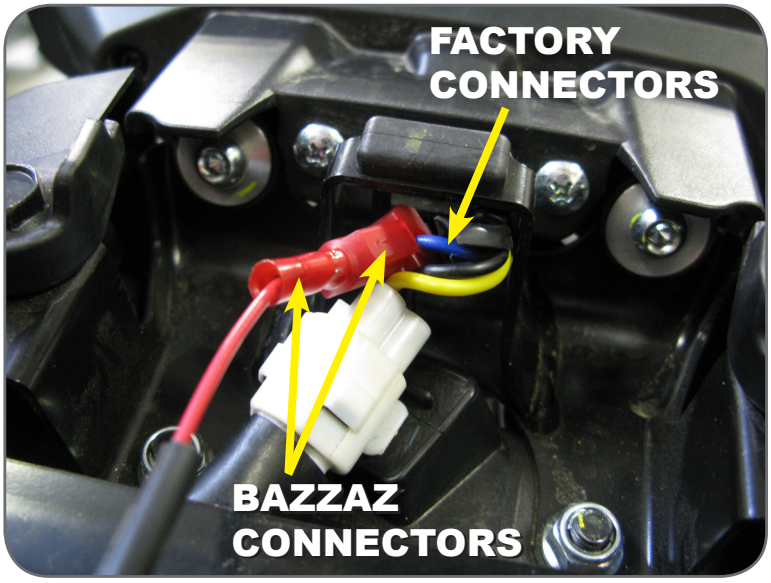


7. Next, locate the factory number one injector connector which can be found on the far left hand cylinder between the throttle body and the valve cover. Disconnect the factory injector connector and install the Bazzaz injector connectors inline. Proceed to do the following for the next two injectors working your way from left to right.



8. Locate the factory throttle position sensor located on the far right hand side of the throttle body. Once located separate the black wire from the rest and use a supplied scotch lok to crimp onto the factory black wire. Install the Bazzaz TPS connector.

5>CONNECT (CONT.)



9. Locate the factory three pin white taillight connector in the tail section of the bike. Separate the blue wire from the rest and use the supplied scotch lok to crimp onto the factory blue wire. Connect the Bazzaz switched power connector.

8>O2 SENSOR

1. Locate the factory O2 sensor and begin to follow the lead up to the factory O2 sensor connector.
2. Disconnect the factory O2 sensor connector from the factory harness, as it no longer will be used.
3. The wires should be neatly secured away from any moving components, or the sensor may be removed, and the remaining port/bung in the exhaust can then be plugged.

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).

11>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

12>REINSTALL

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

13>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).

14>NEXT LEVEL

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

BAZZAZ®

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THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

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