INSTALLATION INSTRUCTIONS

BAZZAZ

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Z-Fi FUEL MANAGEMENT

Z-Fi TC FUEL + QS + TRACTION CONTROL

KAWASAKI Z800 | 2016
F493 | T493

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.

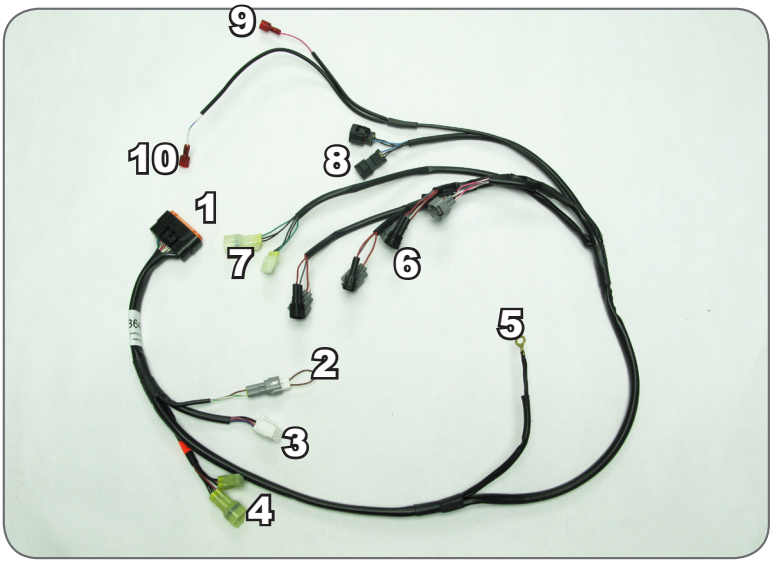
2>IDENTIFY

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. USB cable
6. Swingarm stickers
7. Download Bazzaz software from bazzaz.net/index.php/software-overview

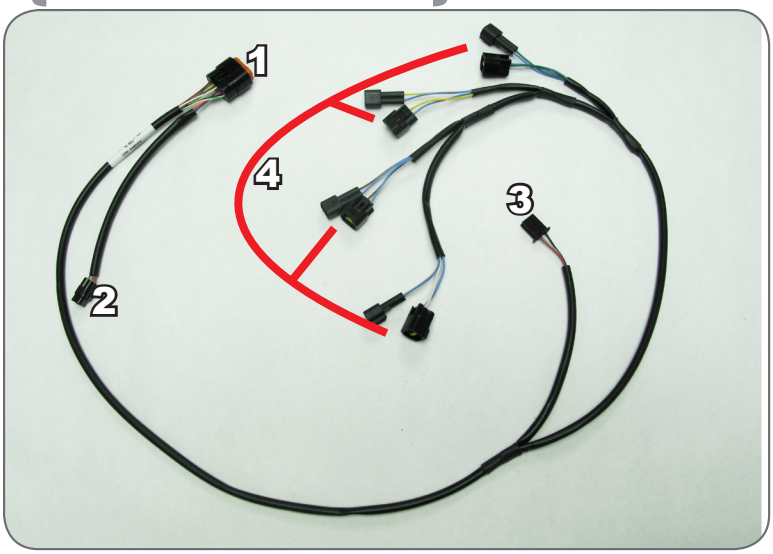
FUEL HARNESS

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



COIL HARNESS (Z-FI TC ONLY)

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

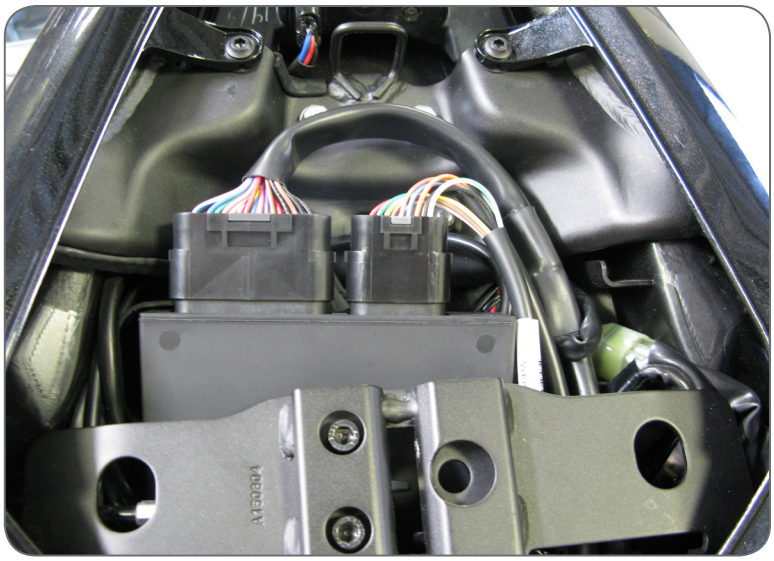


3>REMOVE

1. Rider and passenger seat
2. Fuel tank

4>SECURE

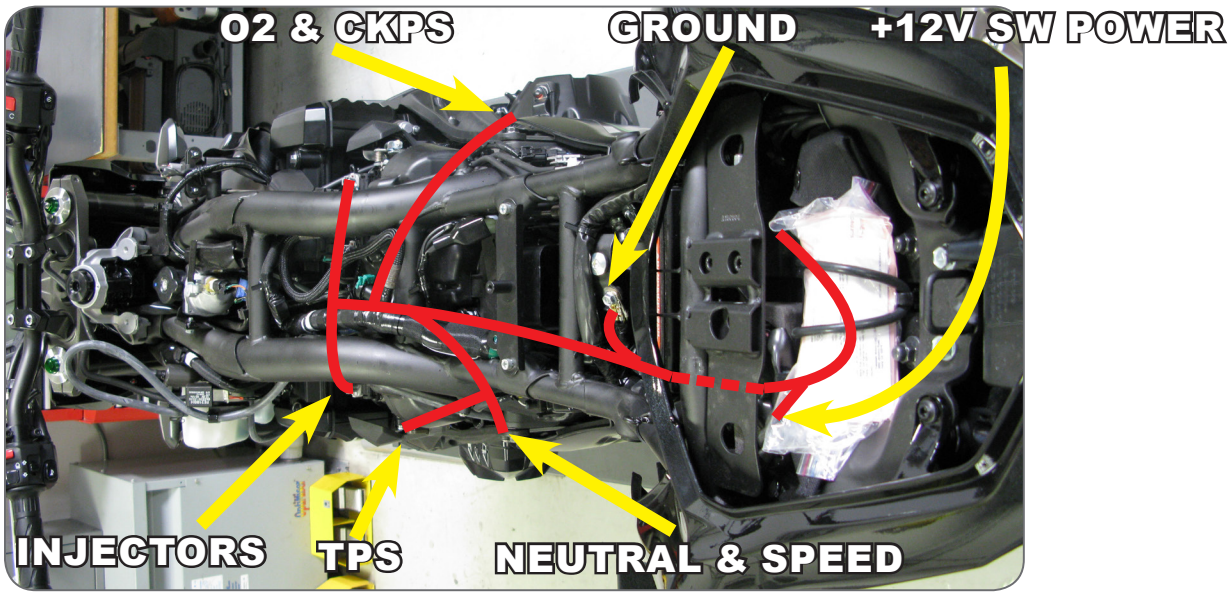
1. Remove the factory tool kit, and the foam holder for the diagnostic connectors.
2. Mount the Bazzaz control unit in the tail section of the bike.



5>CONNECT

5.1

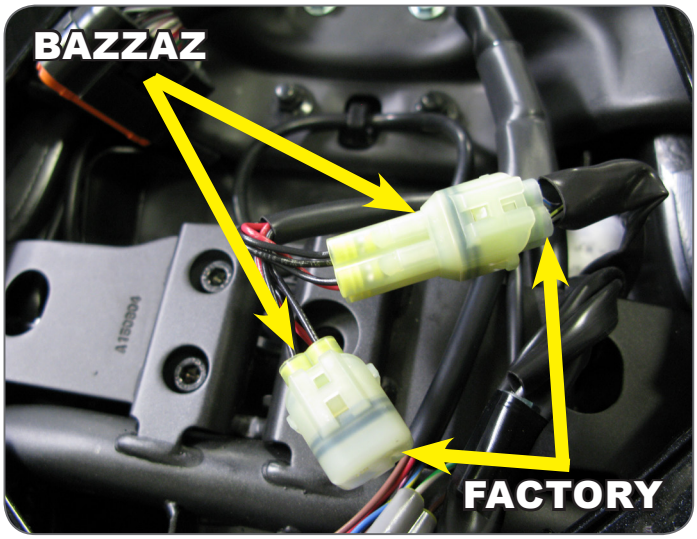
1. Connect the Bazzaz fuel harness to the control unit and begin routing the harness as shown in the below pictures.



5>CONNECT (CONT.)

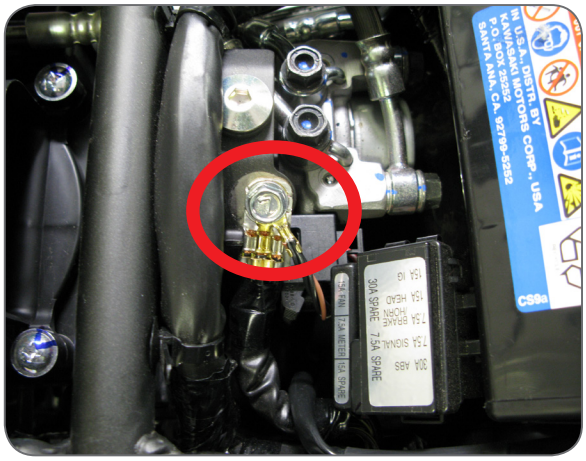
5.2

1. Locate the factory four pin diagnostic connector, which can be found on the left hand side of the bike in the tail section.
2. Disconnect the factory cap from the connector and install the Bazzaz switched power connector inline.



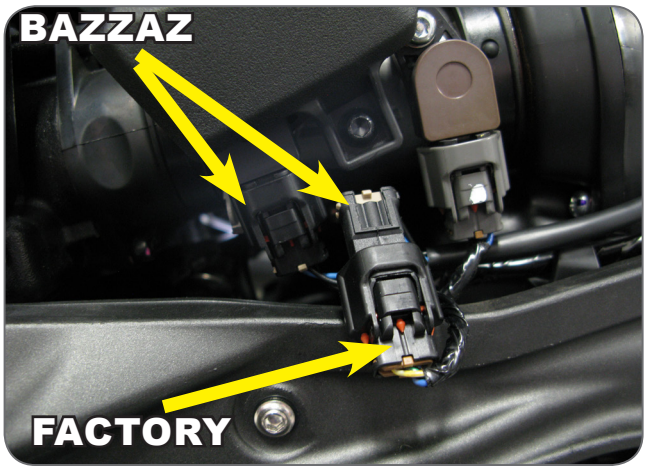
5.3

1. Locate the factory ground lug located just below the battery.
2. Install the Bazzaz ground lug.



5.4

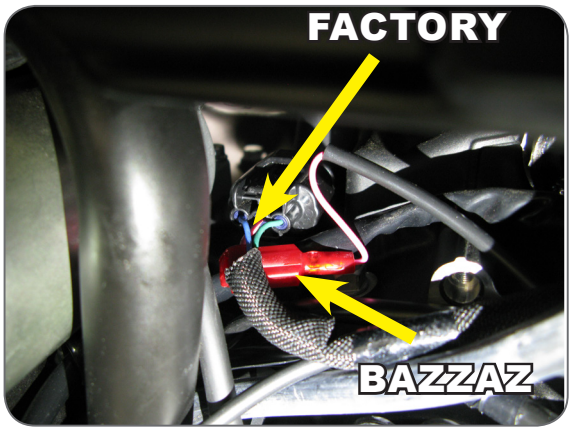
1. Locate the factory black TPS connector, which can be found on the left hand side of the bike directly to the throttle body.
2. Disconnect the factory connector and install the Bazzaz TPS connector inline.



5>CONNECT (CONT.)

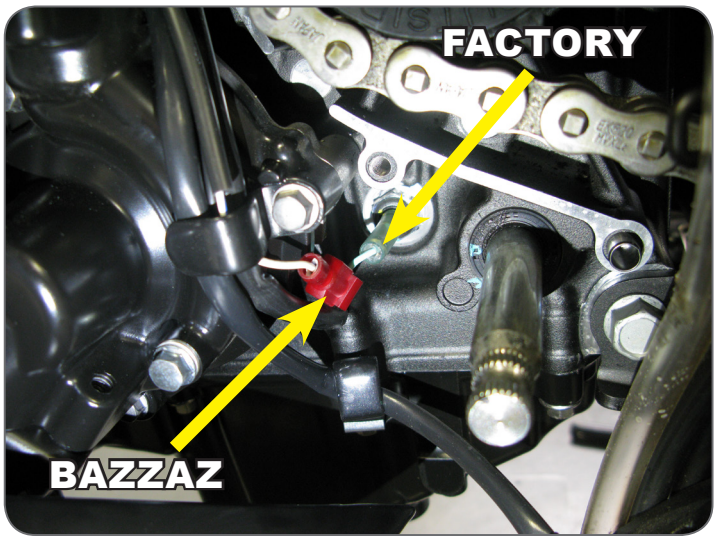
5.5

1. Locate the factory speed sensor connector, which can be found above the front sprocket.
2. Disconnect the factory speed sensor connector.
3. Separate the pink wire and use the supplied scotchlok to crimp onto the wire.
4. Connect the Bazzaz speed sensor connector.
5. Reconnect the factory speed sensor connector.



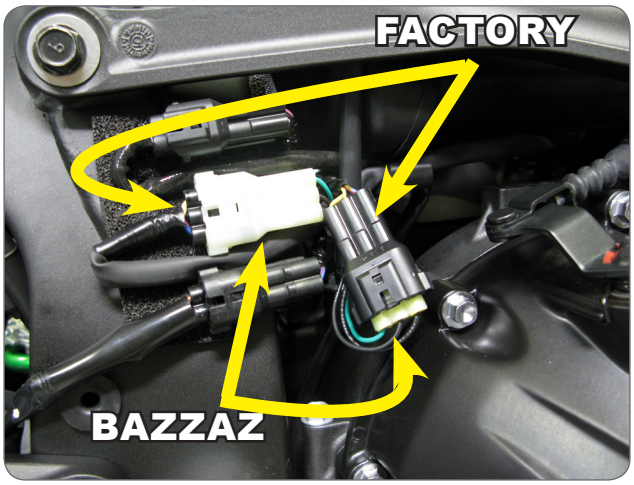
5.6

1. Locate the factory neutral sensor connector, which can be found just below the front sprocket.
2. Use the supplied scotchlok to crimp onto the wire and connect the Bazzaz neutral sensor connector.



5.7

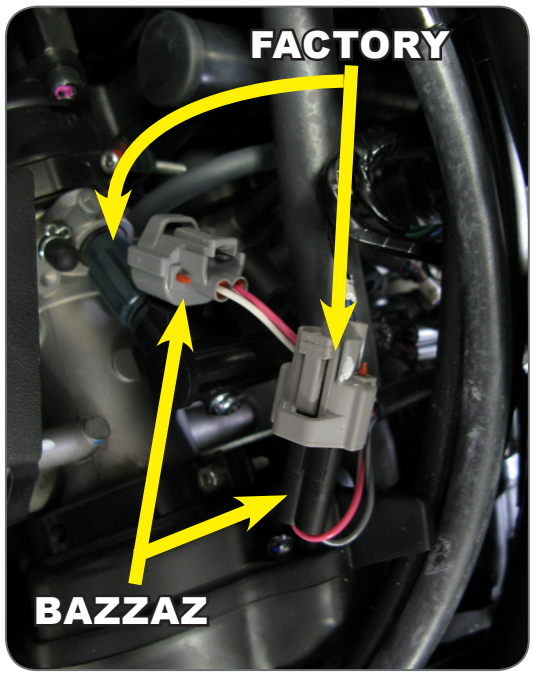
1. Locate the factory CKPS connector, which can be found on the right hand side of the bike mounted to the outside of the frame.
2. Disconnect the factory CKPS connector and install the Bazzaz inline.



5>CONNECT (CONT.)

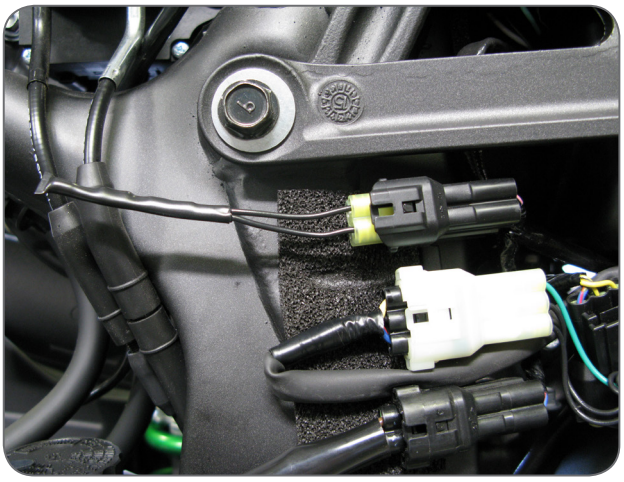
5.8

1. Locate the factory number one injector connector, which can be found on the far left of the bike on top of the factory throttle body.
2. Disconnect the factory injector connector and install the Bazzaz inline.
3. Continue to do this with the remaining injector connectors going from left to right.



5.9

1. Locate the factory O2 sensor connector which, can be found just above the factory CKPS connector on the right hand side of the bike.
2. Disconnect the factory O2 sensor and install the Bazzaz O2 stabilizer.



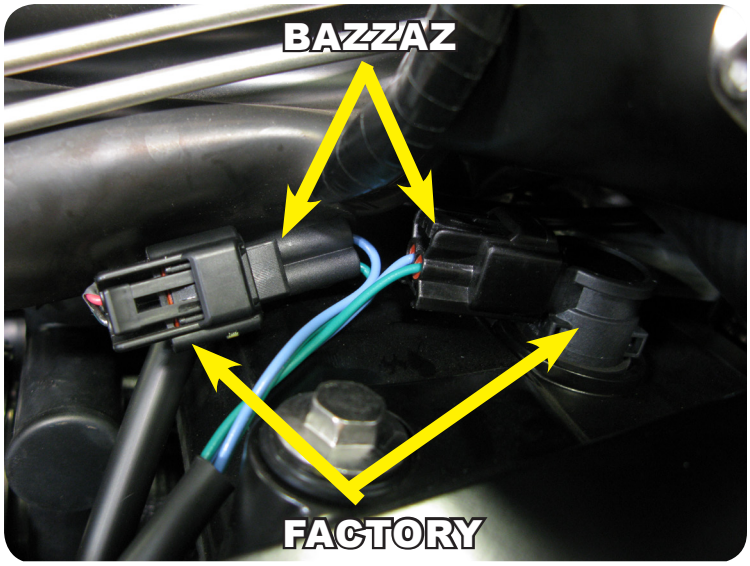
SECTION 6>CONNECT, AND 7>QUICKSHIFT ARE FOR USE WITH THE BAZZAZ Z-FI TC ONLY!! FOR Z-FI, PLEASE SKIP FORWARD TO SECTION 9>SECURE

6>CONNECT

6.1

(FOR USE WITH Z-FI TC ONLY!)

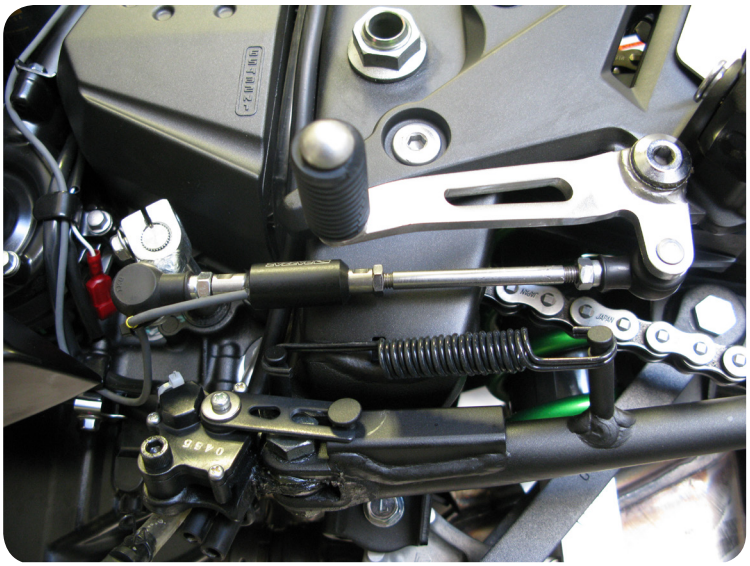
1. Connect the Bazzaz coil harness to the control unit and begin routing the harness along the right hand side of the bike up towards the valve cover.
2. Locate the factory coil connectors and begin to install the Bazzaz coil connectors inline working from right to left.



7>QUICKSHIFT

(FOR USE WITH Z-FI TC ONLY!)

1. Measure and note your shift pedal height so you may reposition the shift lever 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. Begin to 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.



11>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).

12>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

13>REINSTALL

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

14>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).

15>NEXT LEVEL

**Accessories purchased separately.

MAP SELECT/ TC ADJUST SWITCH

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

MAP SELECT SWITCH

Switch maps on the fly with this handlebar-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

NOTES:

BAZZAZ®

POWER • INJECTED

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

F493 |T493