

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

ZFI FUEL MANAGEMENT

ZFI TC FUEL + QS + TRACTION CONTROL

KAWASAKI Z125 PRO | 2017-2018
F4415 | T4415

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.

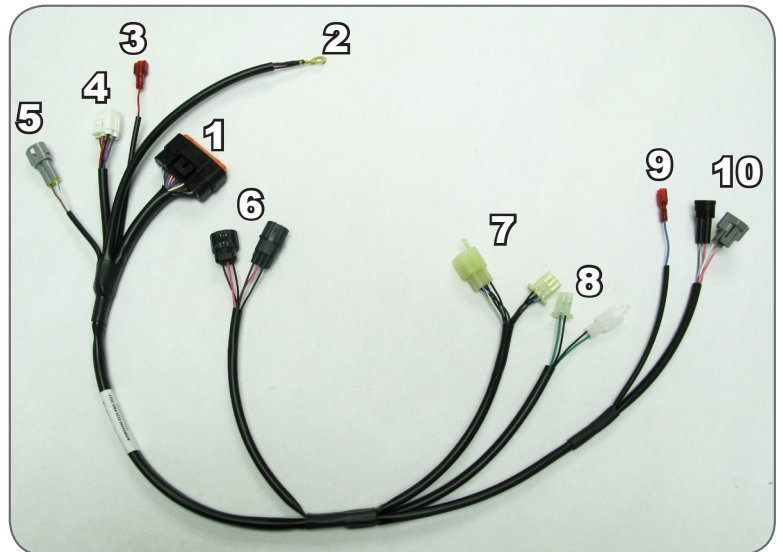
2>IDENTIFY

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. O2 Stabilizer
8. Download Bazzaz software from bazzaz.net/index.php/software-overview

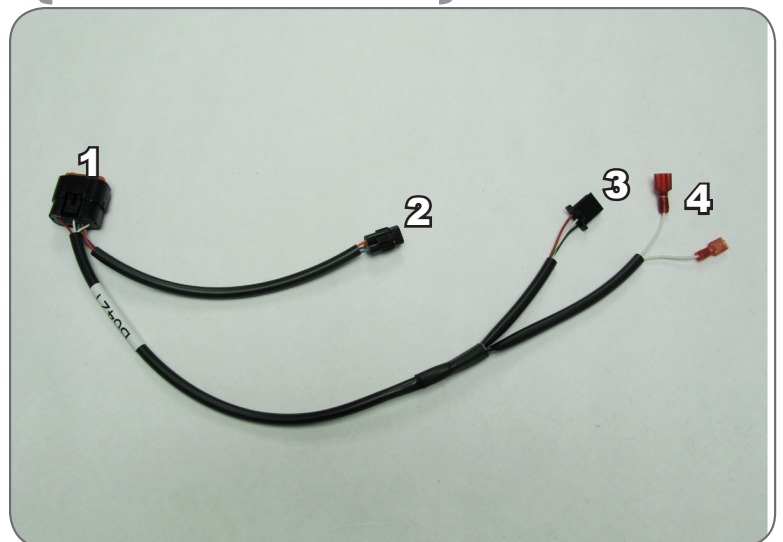
FUEL HARNESS

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



COIL HARNESS (Z-FI TC ONLY)

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

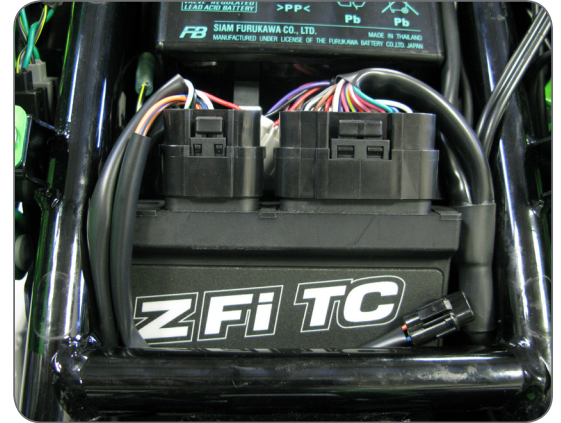
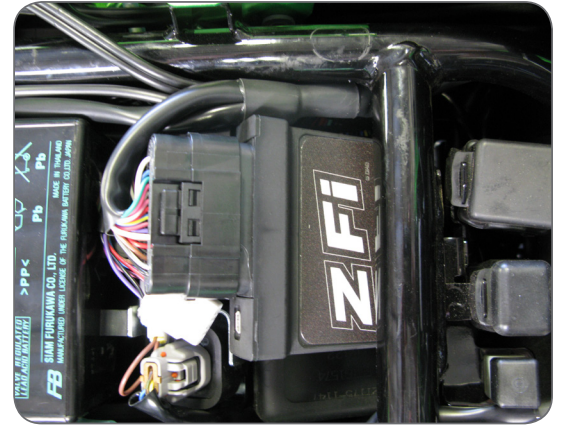


3>REMOVE

1. Rider and passenger seat
2. Both black side fairings

4>SECURE

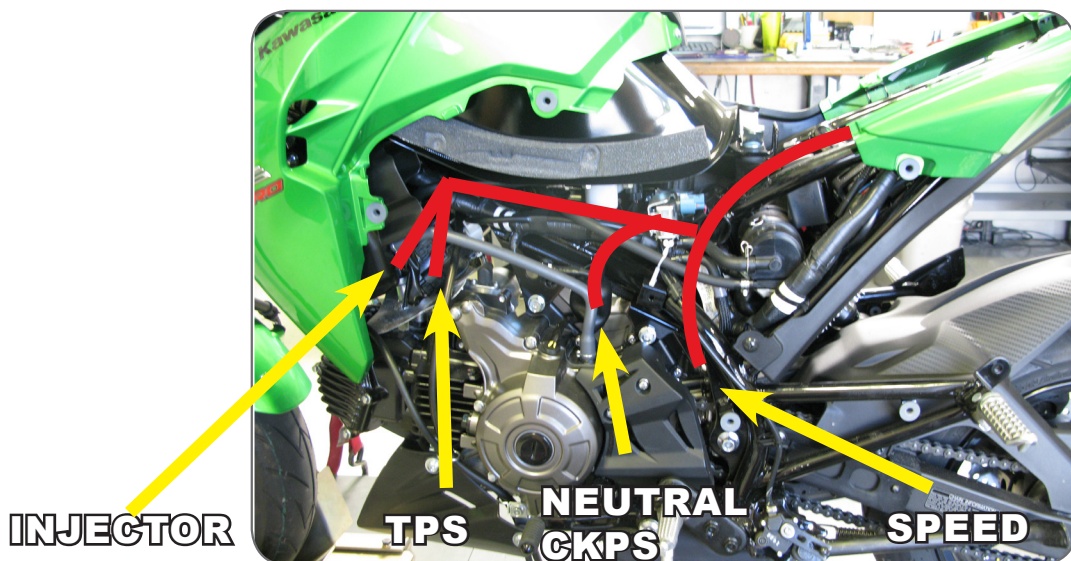
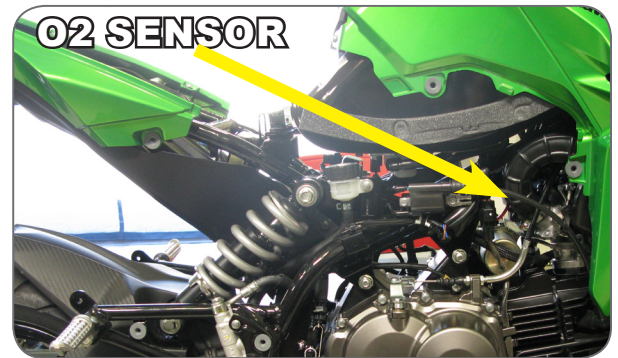
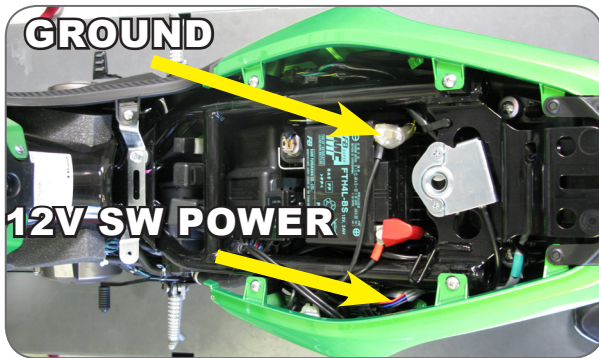
1. The Bazzaz control unit will be secured beneath the rider seat in front of the battery.



5>CONNECT

5.1

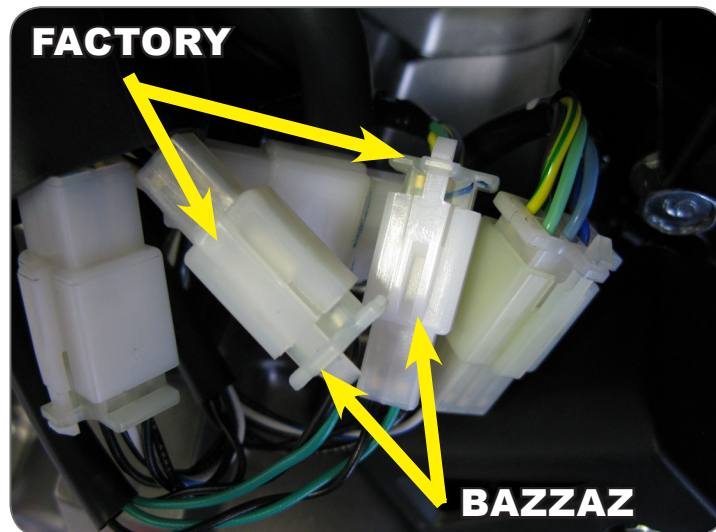
1. Connect the Bazzaz fuel harness to the control unit and begin routing the harness as shown in the pictures below.



5>CONNECT (CONT.)

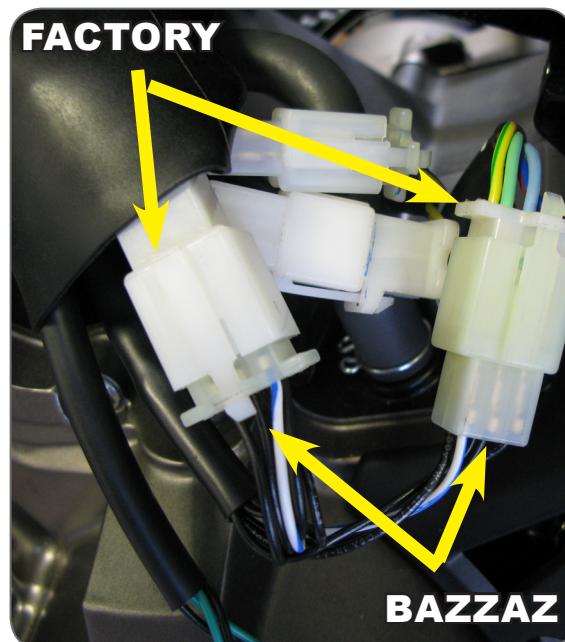
5.2

1. Locate the factory black rubber boot, which contains the CKPS connector and the neutral connector.
2. Disconnect the factory two pin CKPS connector and install the Bazzaz inline.



5.3

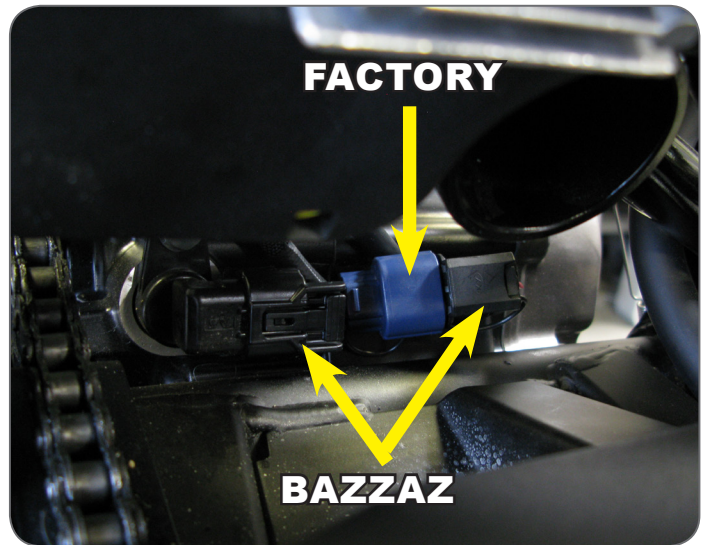
1. Locate the factory 6 pin neutral connector within the same black rubber boot that contains the CKPS connector.
2. Disconnect the factory neutral sensor connector and install the Bazzaz neutral connector inline.



5>CONNECT (CONT.)

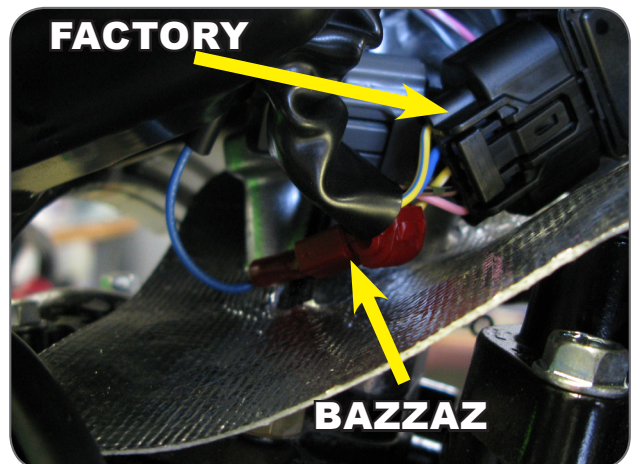
5.4

1. Locate the factory blue speed sensor connector, which can be found on the back of the motor near the chain just above the swing arm pivot.
2. Disconnect the factory blue speed sensor connector and install the Bazzaz speed sensor connectors inline.



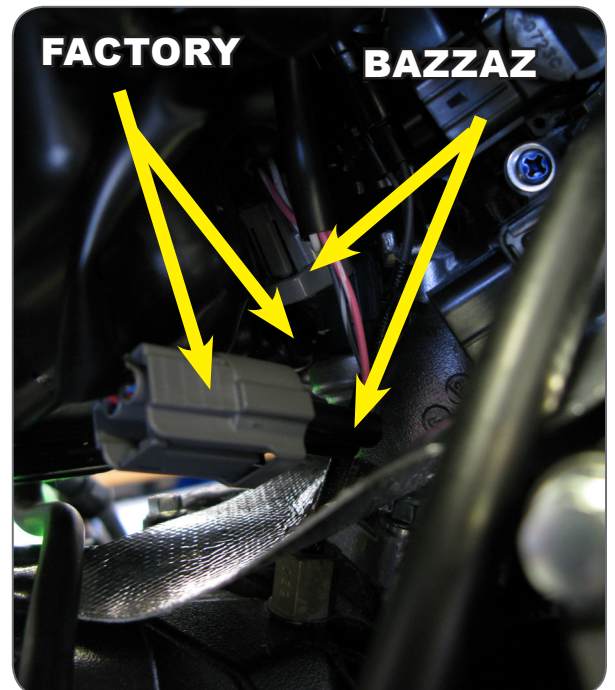
5.5

1. Locate the factory five wire black TPS connector, which can be found directly on the side of the throttle body.
2. Disconnect the TPS sensor connector and use the supplied scotchlok to crimp onto the yellow/white wire.
3. Connect the Bazzaz TPS connector. Leave the TPS connector disconnected until the step 5.6 is complete.



5.6

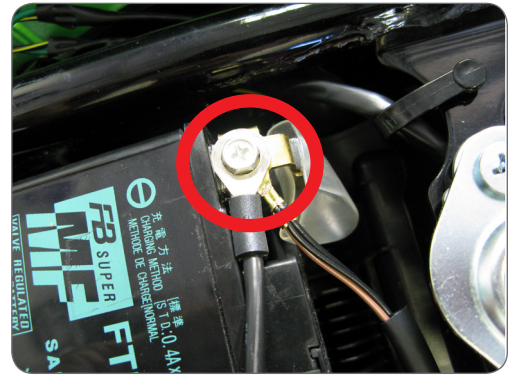
1. Locate the factory injector connector, which can be found on the front of the throttle body.
2. Disconnect the injector connector and install the Bazzaz injector connector inline.
3. Reinstall the factory TPS connector.



5>CONNECT (CONT.)

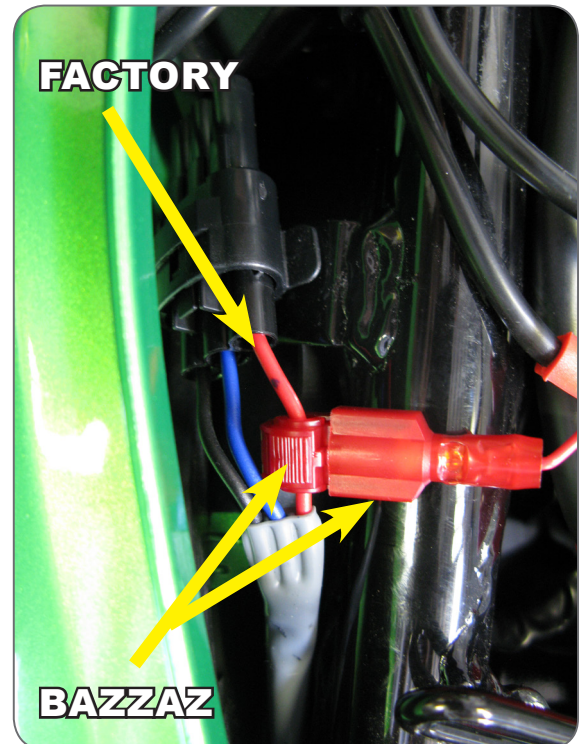
5.7

1. Locate the Bazzaz ground lug and install the Bazzaz onto the negative ground post of the battery.



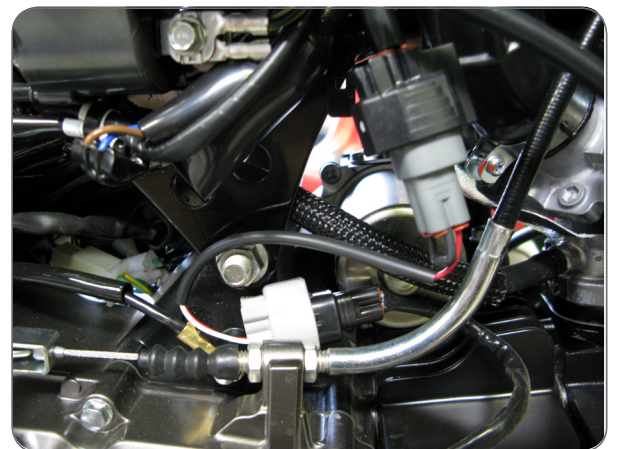
5.8

1. Locate the factory three wire taillight connector, which can be found on the left hand side of the bike within the tail section.
2. Separate the factory red wire and use the supplied scotchlok to crimp onto the factory red wire.
3. Connect the Bazzaz switched power connector.



5.9

1. Locate the factory O2 sensor connector, which can be found on the right hand side of the bike mounted to the frame.
2. Disconnect the factory 4 pin O2 sensor connector and install the Bazzaz O2 stabilizer inline.
3. Its no longer necessary to keep the O2 sensor installed in the exhaust but it must remain electrically connected with the motorcycle.



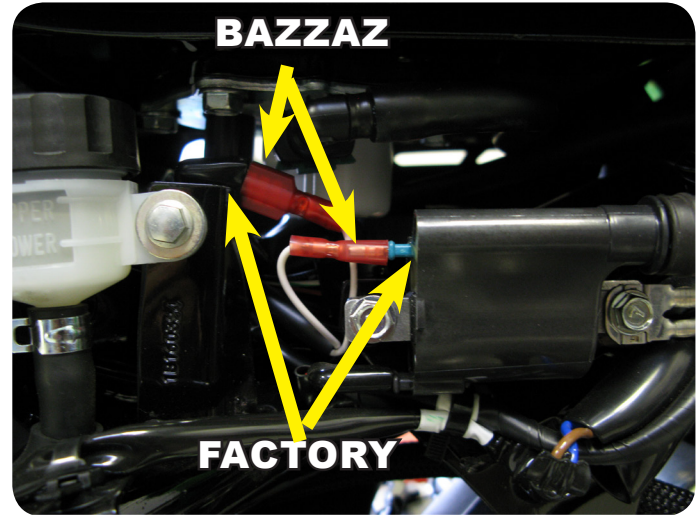
SECTION 6>CONNECT, AND 7>QUICKSHIFT ARE FOR USE WITH THE BAZZAZ Z-FI TC ONLY!! FOR Z-FI, PLEASE SKIP FORWARD TO SECTION 9>SECURE

6>CONNECT

(FOR USE WITH Z-FI TC ONLY!)

6.1

1. Connect the Bazzaz coil harness to the control unit and begin routing the harness along the right hand side of the bike towards the factory coil.
2. Locate the factory green terminal on the coil.
3. Disconnect the factory coil connector and install the Bazzaz coil connector inline.



7>QUICKSHIFT

(FOR USE WITH Z-FI TC ONLY!)

****Aftermarket rearsets are required for Quickshift function****

****There is no Shift Rod included in the kit as we do not know the length of the aftermarket rearset that will be used. Once the rearset is purchased, please give us a call with the dimensions of the rod and a proof of purchase of our kit. We shall send the appropriate shift rod to you with free shipping.****

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

ZAFM 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:



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

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