



Yamaha FZ8 2010-2013

Yamaha FZ1 2006-2013

Z-Fi Installation Instructions
Part #'s F791



Parts List:

Z-Fi Control Unit

Fuel Harness

Download Z-Fi Mapper Software at www.bazzaz.net

Software instructions available at www.bazzaz.net

Scotchlok (3)

Cable Ties

Velcro

USB Cable

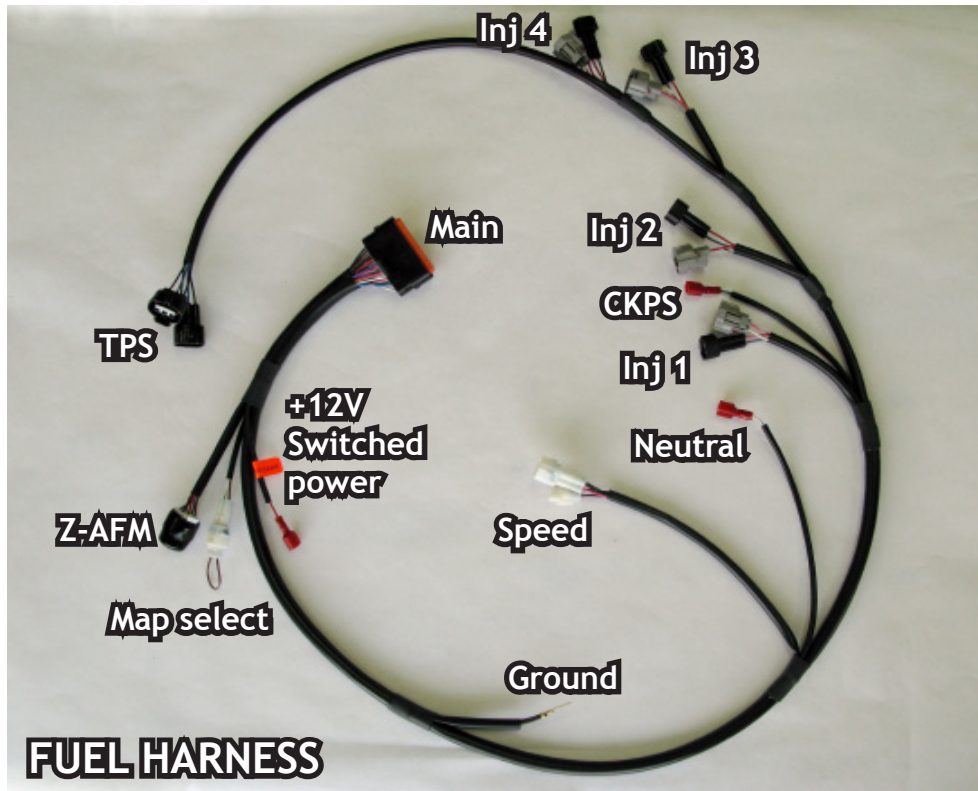
Swingarm Stickers

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

Contact Bazzaz tech support at 909-597-8300 for questions

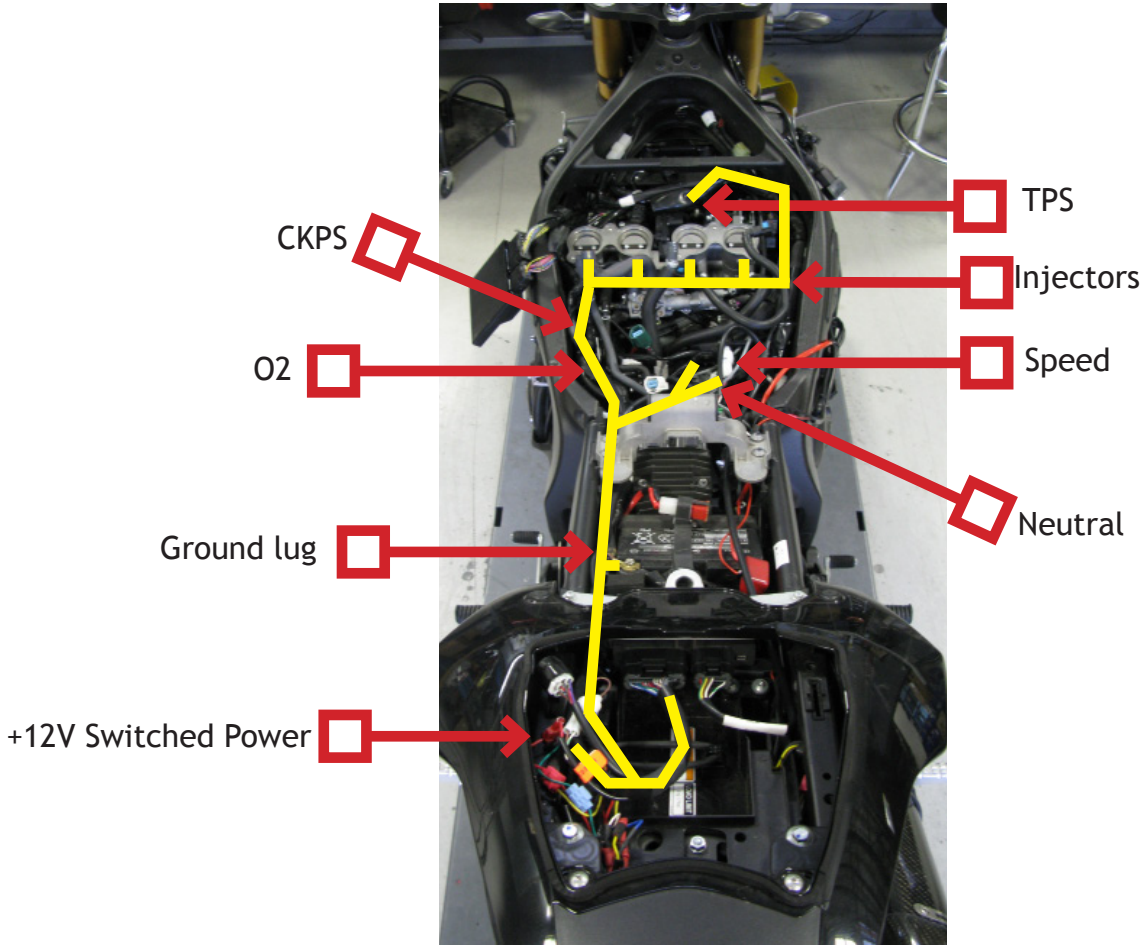
BAZZAZ HARNESS CONNECTOR IDENTIFICATION



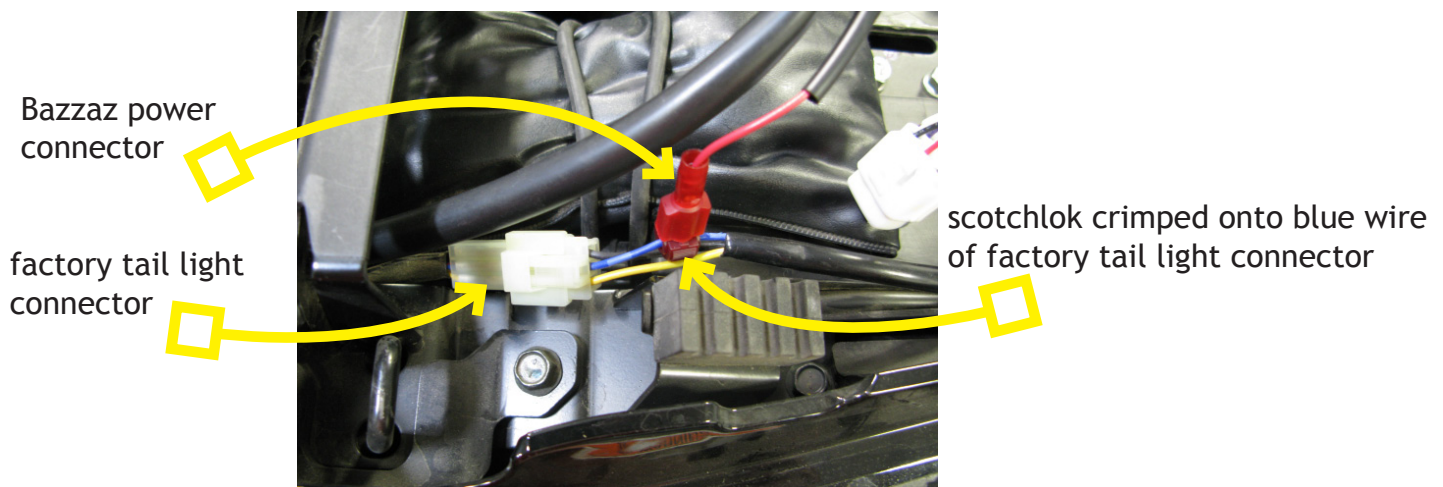
Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. Refer to a factory service manual for more specific stock component identification and location information.

WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

1. Begin the installation by removing the rider and passenger seats, gas tank and airbox.
2. Place the **CONTROL UNIT** in the tail section of the motorcycle, securing with provided Velcro if necessary. Plug the main connector of the **FUEL HARNESS** into the control unit. Begin routing the harness down the the left side of the motorcycle and under the rear tank mount bracket (may be necessary to loosen bracket on FZ1).

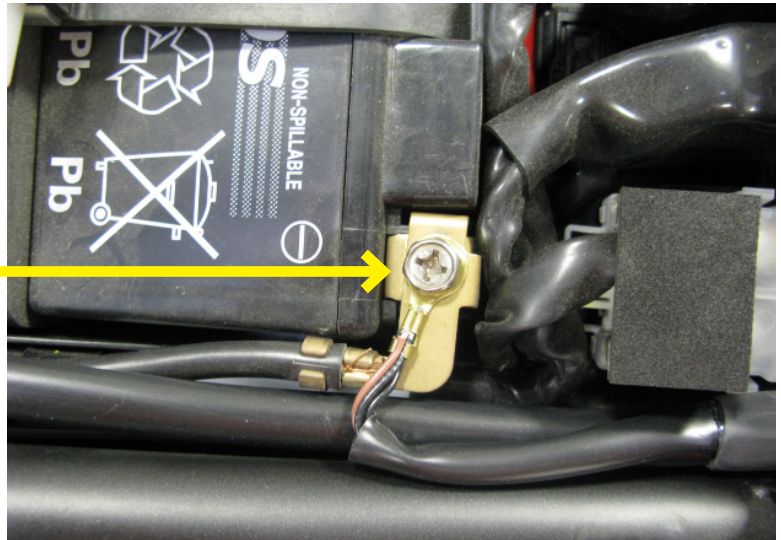


3. Locate the factory tail light connector in the left side of the tail section. Crimp a supplied scotchlok onto the middle **blue** wire of the factory connector and insert the Bazzaz **POWER** connector (orange label on lead) into the scotchlok.

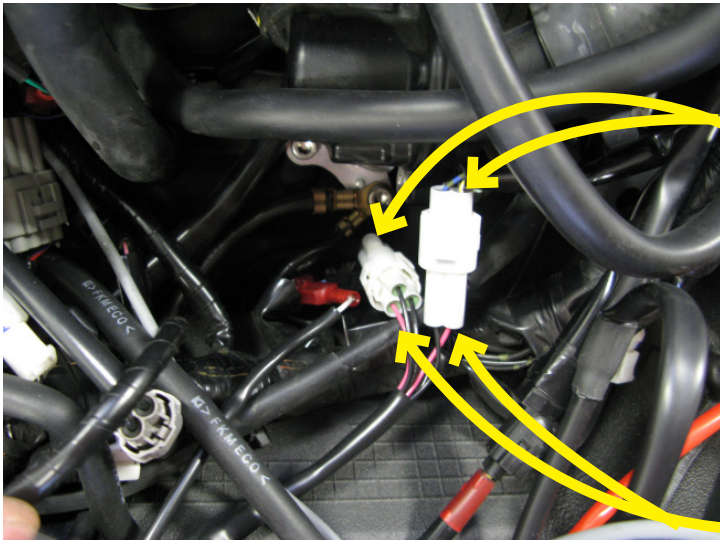


4. Next attach the Bazzaz **GROUND** lug to the battery negative terminal.

Bazzaz ground



5. Locate the factory speed connectors at the rear of the engine compartment and disconnect. Plug the Bazzaz **SPEED** connectors in line with the factory connectors.

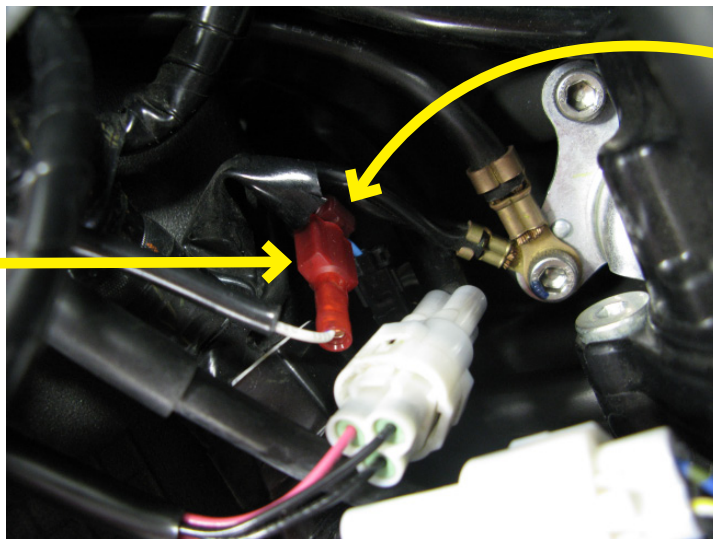


Factory speed connector

Bazzaz speed connector

6. Below the speed connectors you will find the factory neutral connector. Disconnect the factory neutral connector and trim the sheathing back to expose the wire; crimp a supplied scotchlok onto the exposed **blue** wire and insert the Bazzaz **NEUTRAL** connector into the scotchlok. Reconnect the factory connector.

Bazzaz neutral connector

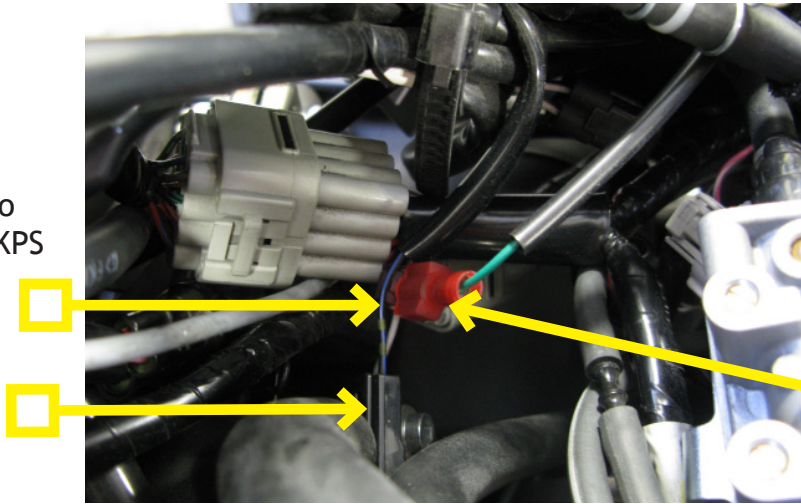


scotchlok crimped onto blue wire of factory neutral connector

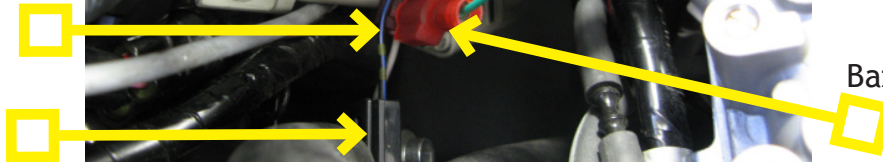
7. Continue routing the fuel harness up the left side of the motorcycle and locate the black factory CKPS connector (near a large gray connector shown in picture). Crimp a supplied scotchlok onto the **gray** wire of the factory CKPS connector and insert the Bazzaz CKPS connector into the scotchlok.

scotchlok crimped onto gray wire of factory CKPS connector

factory CKPS connector



Bazzaz CKPS connector

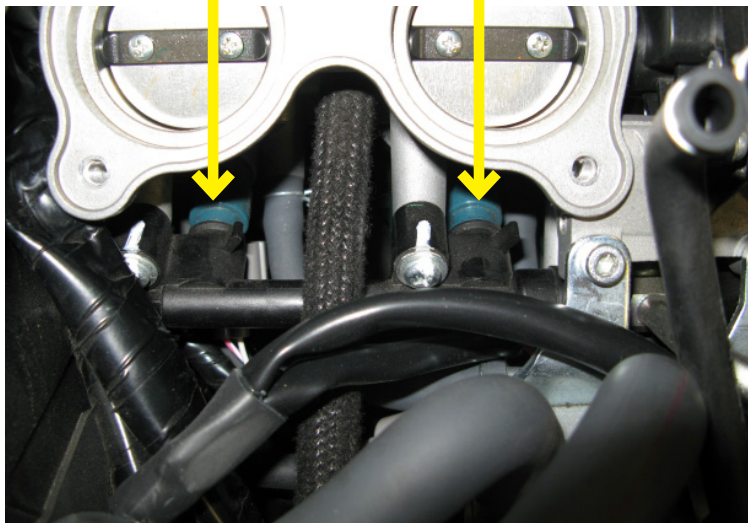


8. Now you will install the Bazzaz INJECTOR connectors which will be done left to right. Unplug the factory connector from each injector. Plug the black Bazzaz connector into the factory gray connector that was just unplugged, and the Bazzaz gray connector into the factory injector.

The injectors are hard to get to, and you may need to loosen or remove additional parts depending on if you are able to get your hands to the injector connectors.

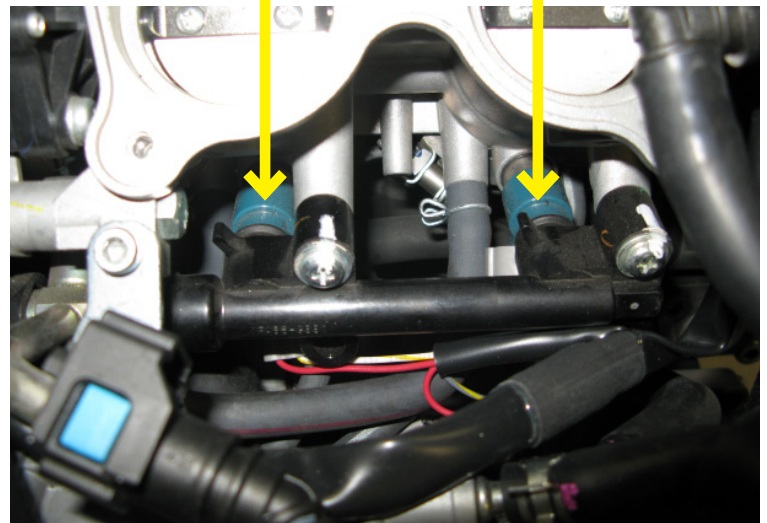
Injector 1

Injector 2

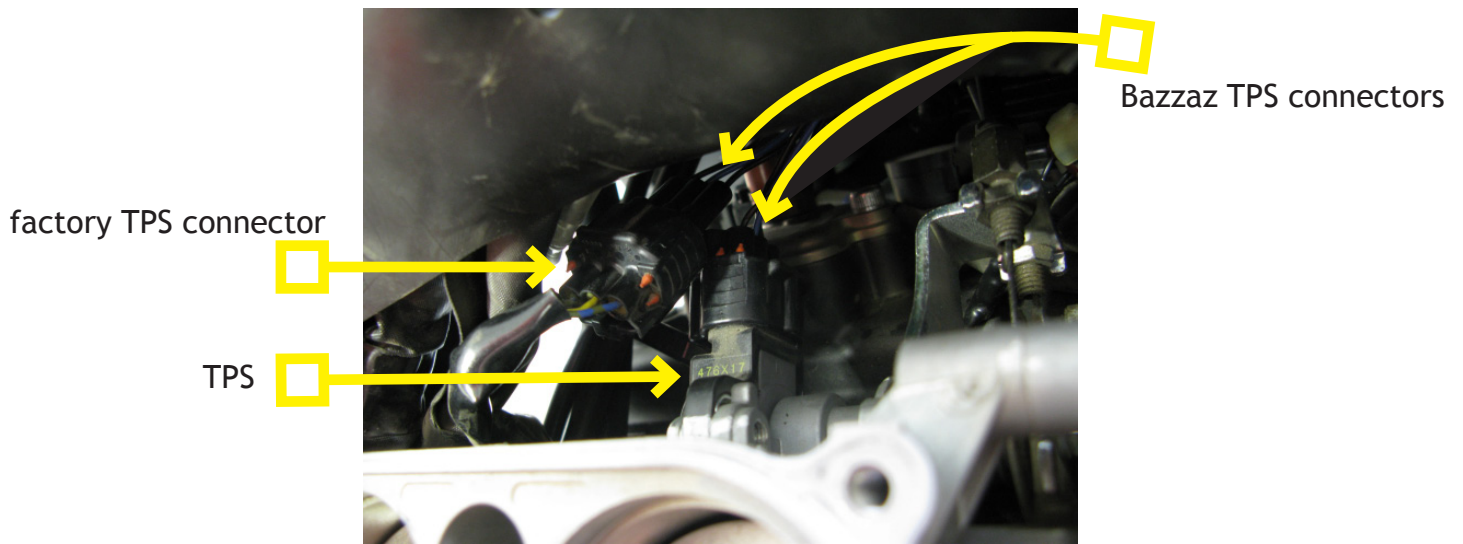


Injector 3

Injector 4



9. Route the remaining portion of the Bazzaz fuel harness with the TPS (Throttle Position Sensor) connectors around the right side and to the front, middle of the throttle bodies. Locate the factory TPS connector in this area and disconnect it from the sensor. Install the Bazzaz TPS connectors inline between the factory connector and sensor.

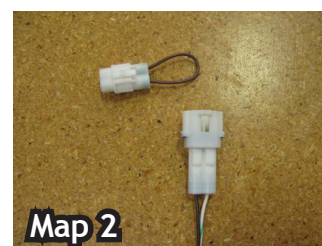


10. Next you will need to disconnect the Factory O2 SENSOR. The O2 sensor connector is located on the left side of the engine compartment, and can be located by tracing the wire up from the O2 sensor on the left side of the exhaust collector. This sensor will no longer be used; the wires should be neatly secured away from any moving components, or the sensor may be removed and the remaining port/bung in the exhaust can then be plugged.

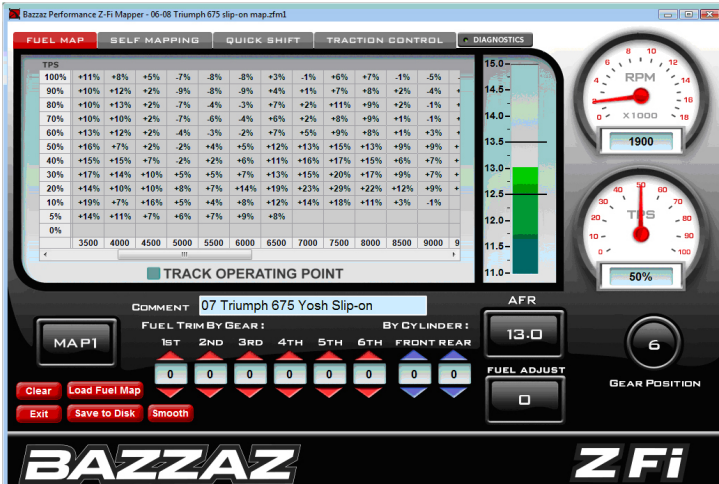
11. To complete the installation, use the supplied cable ties to secure the harnesses neatly along the routing path free of any moving or hot components (which could cause damage or failure of the system). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call **Bazzaz tech support at (909) 597-8300**. After it is determined that everything is correct reinstall the components removed in step one and the installation will be complete.

12. The Bazzaz controller is capable of storing two maps. These maps can be selected by connecting or disconnecting the map select jumper supplied with the kit. Or these maps can be selected through the use of the map select switch which can be mounted on the handlebar for easy access and can be purchased separately. When the map select jumper is connected the control unit is operating using map 1. When the map select jumper is disconnected the control unit is operating using map 2.

Note: Upon installing the system verify you have selected the proper map to correspond with your model. The control unit supplied with this kit has been pre-programmed with two fuel maps. Map 1 is intended for use on the FZ8 and Map 2 for the FZ1.



Don't forget to download the Z-Fi Mapper software from www.bazzaz.net (under the software tab) if you would like to adjust your fuel map. You will also need access to the Z-Fi Mapper software if you will be using the Z-AFM self-mapping kit.



Accessories you may be interested in to ENHANCE your Bazzaz experience

Z-AFM™ | Tuning Technology (for use with all Bazzaz fuel control units)
Quickly collect data to build ideal, self-made fuel maps while riding. [Part No. 127062]



Map Select Switch (for use with the Z-Fi, Z-Fi MX, Z-Fi QS and Z-Fi TC)
The Bazzaz Map Select Switch is a handlebar-mounted switch for convenient toggling between two maps held on the Bazzaz unit. For example, rider can toggle between a fuel efficient map, rain map, or a full power map. [Part No. 127078]

