Z-Fi MX Installation Instructions
Part #'s F532

Parts List:
Z-Fi Control Unit
Fuel Harness
Cable Ties
Velcro
USB Cable
Swingarm Stickers
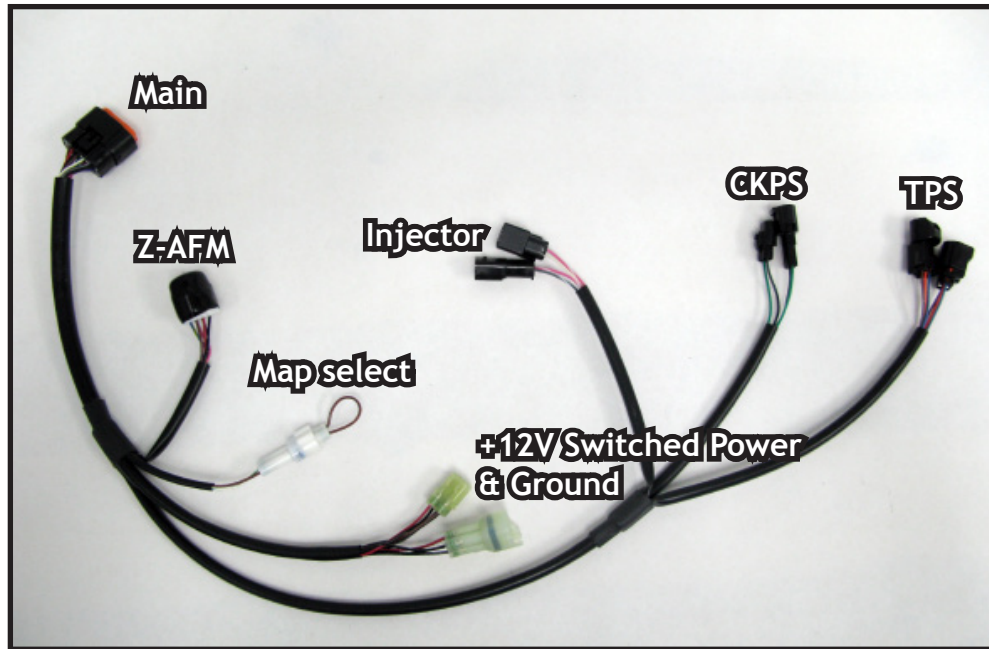Download Z-Fi Mapper Software at **www.bazzaz.net**
Software instructions available at **www.bazzaz.net**

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

BAZZAZ HARNESS CONNECTOR IDENTIFICATION

FUEL HARNESS

Stock component identification location for general reference

Injector

Switched Power & Ground

CKPS

TPS
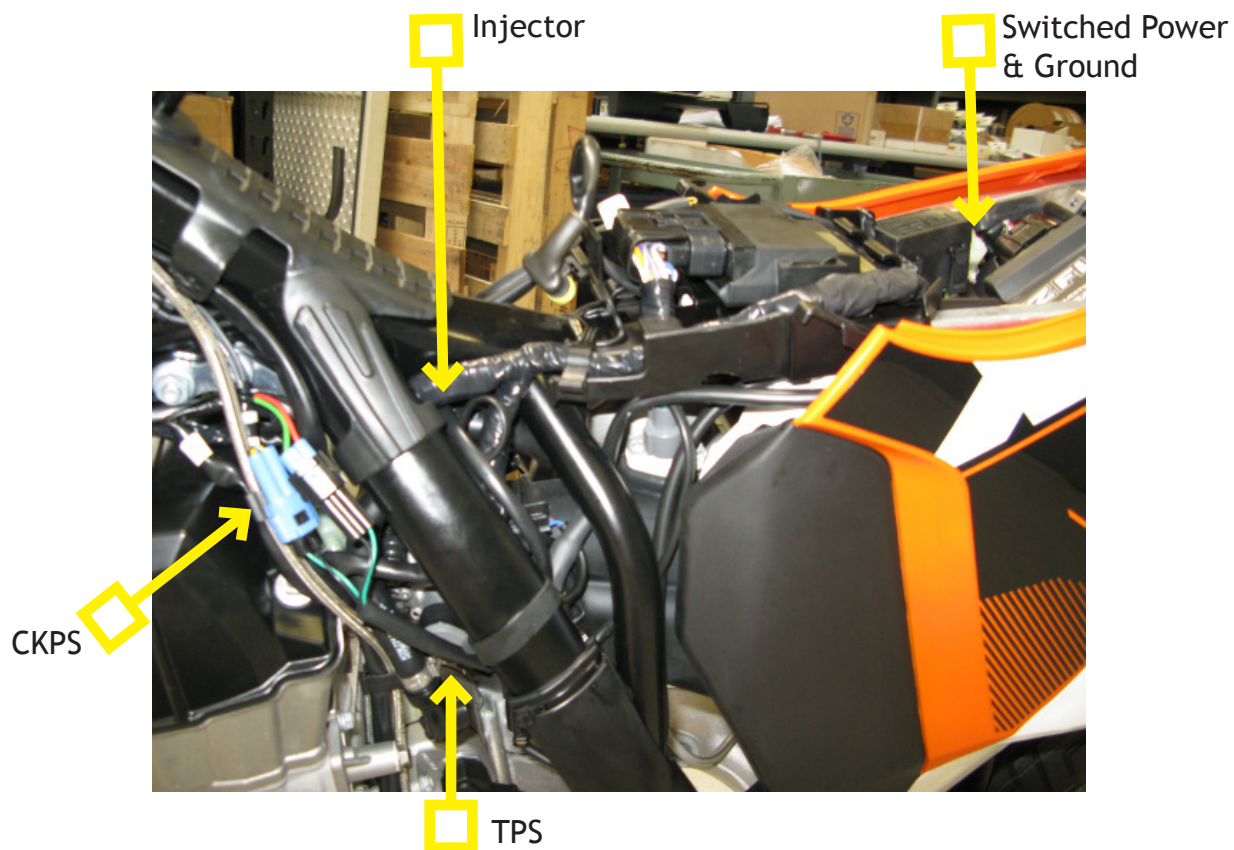
Fuel harness routing shown in yellow for reference
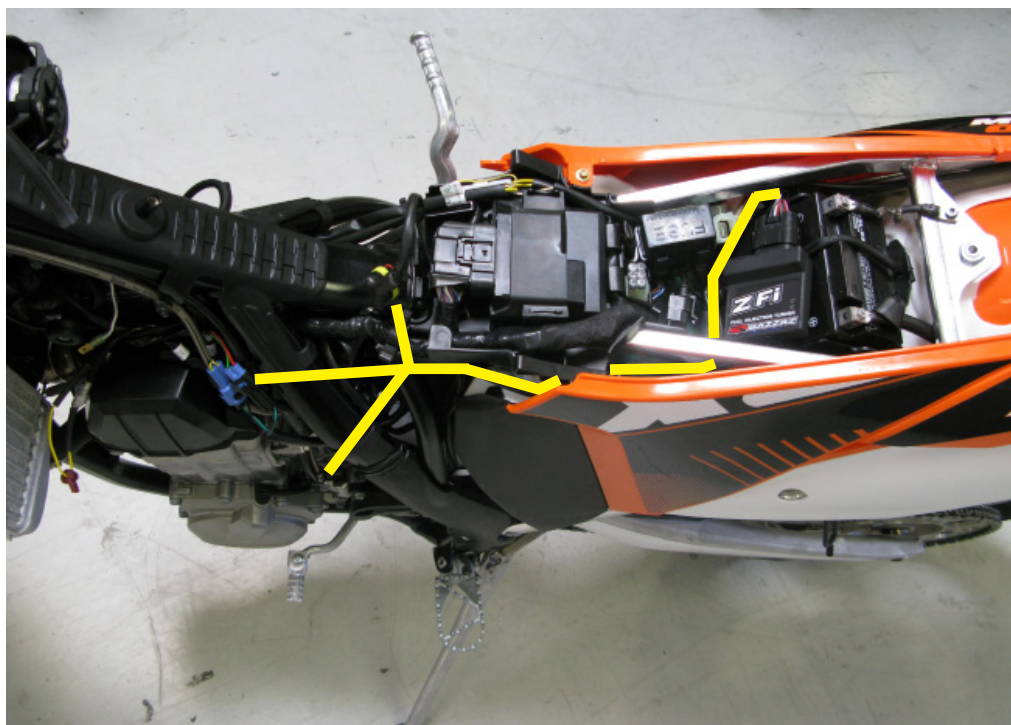
1. Begin the installation by removing the rider seat, radiator shrouds and tank.

2. Using the supplied Velcro patch, secure the Bazzaz control unit to the front of the battery.

3. Connect the Bazzaz fuel harness to the control unit. Begin routing the harness forward, towards the engine on the left hand side, between the air box and the sub frame. Locate the factory diagnostic four pin, clear connectors on the right hand side of the bike (near the front of the battery). Disconnect the factory connectors and install the Bazzaz switched power & ground connectors in line with the factory connectors.

Factory diagnostic connectors

Bazzaz TPS connectors

TPS

Bazzaz switched power & ground connectors
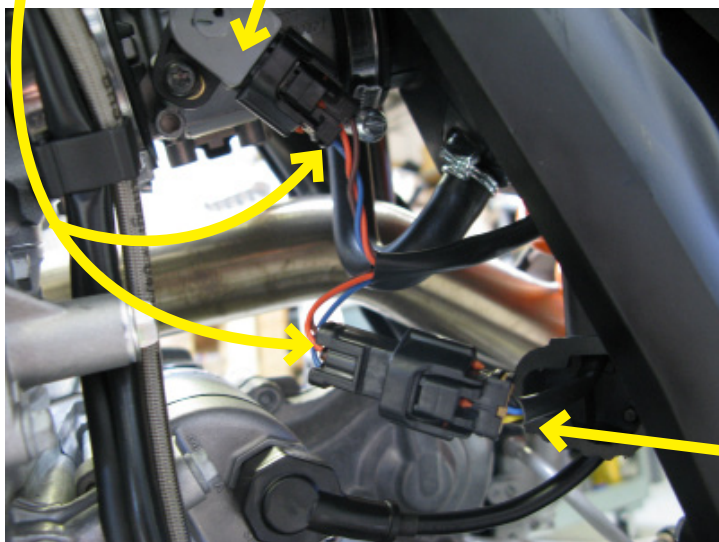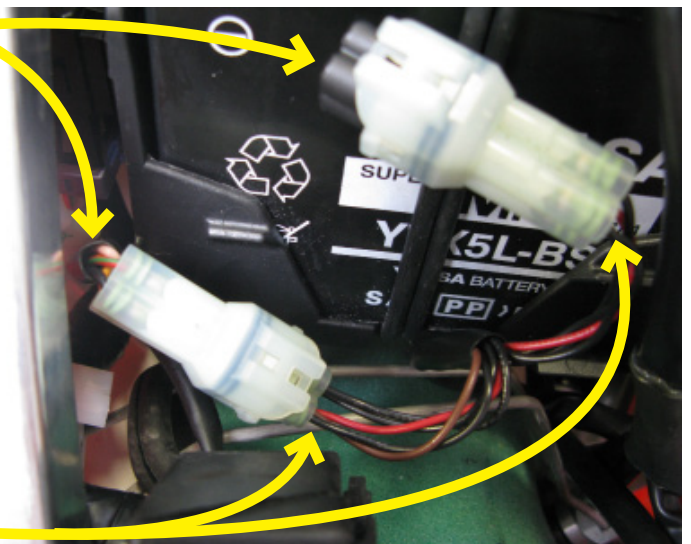
4. Now route the fuel harness inside the frame towards the engine. Locate the factory Throttle Position Sensor (TPS), which can be found on the lower left hand side of the throttle body. Disconnect the TPS connector from the sensor and connect the Bazzaz TPS connectors in line with the factory connector & sensor.

Factory TPS connector

5. Locate the injector found on top of the throttle body. Disconnect the factory injector connector from the injector. Now install the Bazzaz injector connectors in line with the factory connector and injector.

Injector (hidden in photo)

Bazzaz injector connectors

Factory injector connector

Factory CKPS connectors
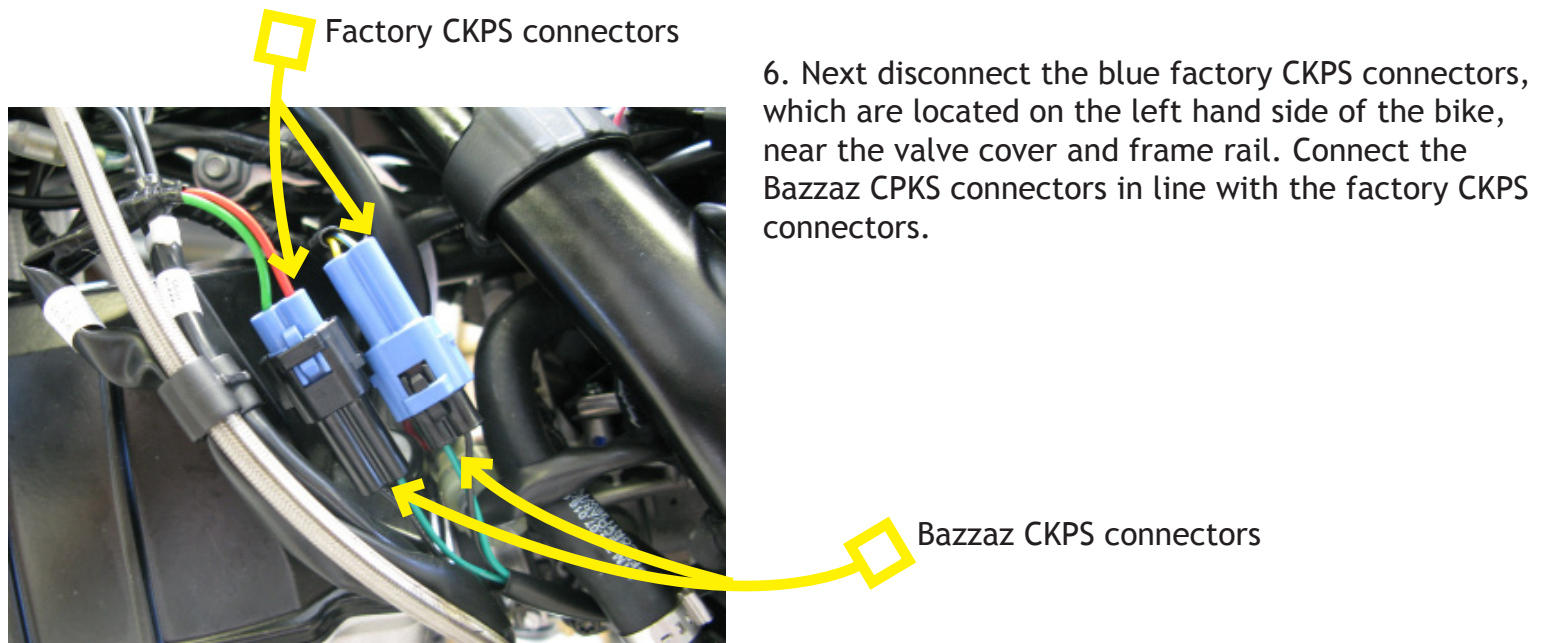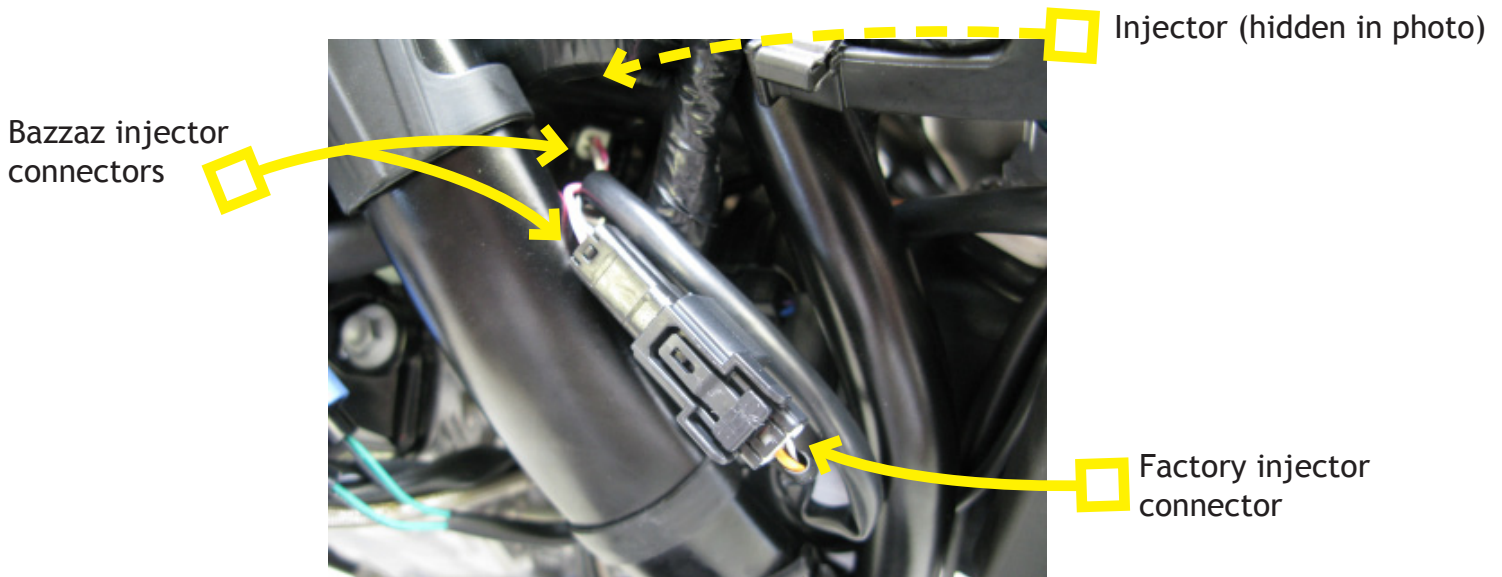
6. Next disconnect the blue factory CKPS connectors, which are located on the left hand side of the bike, near the valve cover and frame rail. Connect the Bazzaz CPKS connectors in line with the factory CKPS connectors.


Bazzaz CKPS connectors

7. To complete the installation, 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). 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.

The Bazzaz control unit is capable of storing two maps. These maps can be selected by connecting or disconnecting the map select jumper on the fuel harness (or you can switch maps on the fly with the handle bar mounted map select switch, sold 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.

The control unit is pre-programmed from the factory with an enhanced map in the map 1 position. The map 2 position is using the stock ECU map. You are able to load and unload maps as needed via the Z-Fi Mapper software.

Map 1

Map 2
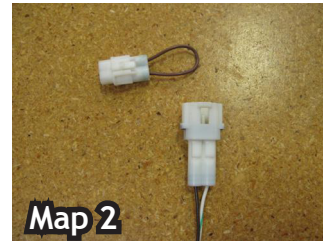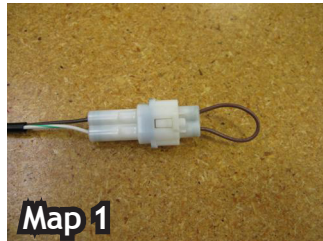
Don't forget to download the Z-Fi Mapper software from **www.bazzaz.net** (under the software tab) if you wish to adjust your fuel map. You will also need access to the Z-Fi Mapper software if you will be using the Z-AFM self-mapping kit.
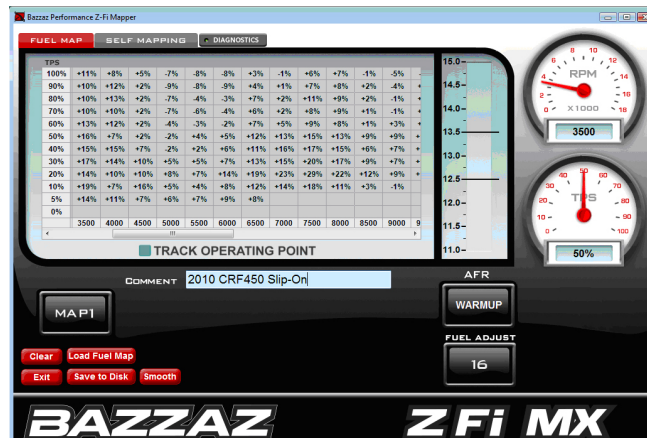
Accessories you may be interested in to ENHANCE your Bazzaz experience

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]