



2010-2013 YZ450F Z-Fi MX
INSTALLATION INSTRUCTIONS
P/N F730

WARNING!

USE ONLY IN RACE OR OTHER CLOSED COURSE APPLICATIONS AND NEVER ON PUBLIC ROADS

PARTS LIST:

Z-Fi MX Control Unit
Fuel Harness

DOWNLOAD Z-Fi MAPPER SOFTWARE & ITS INSTRUCTIONS FROM WEBSITE

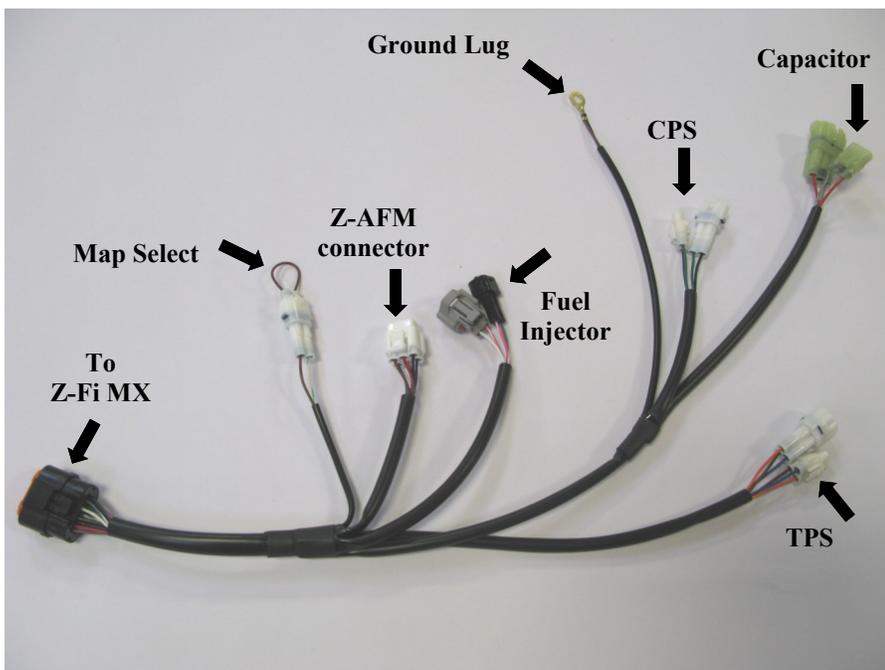
USB Cable

Z-Fi MX aluminum bracket

Velcro

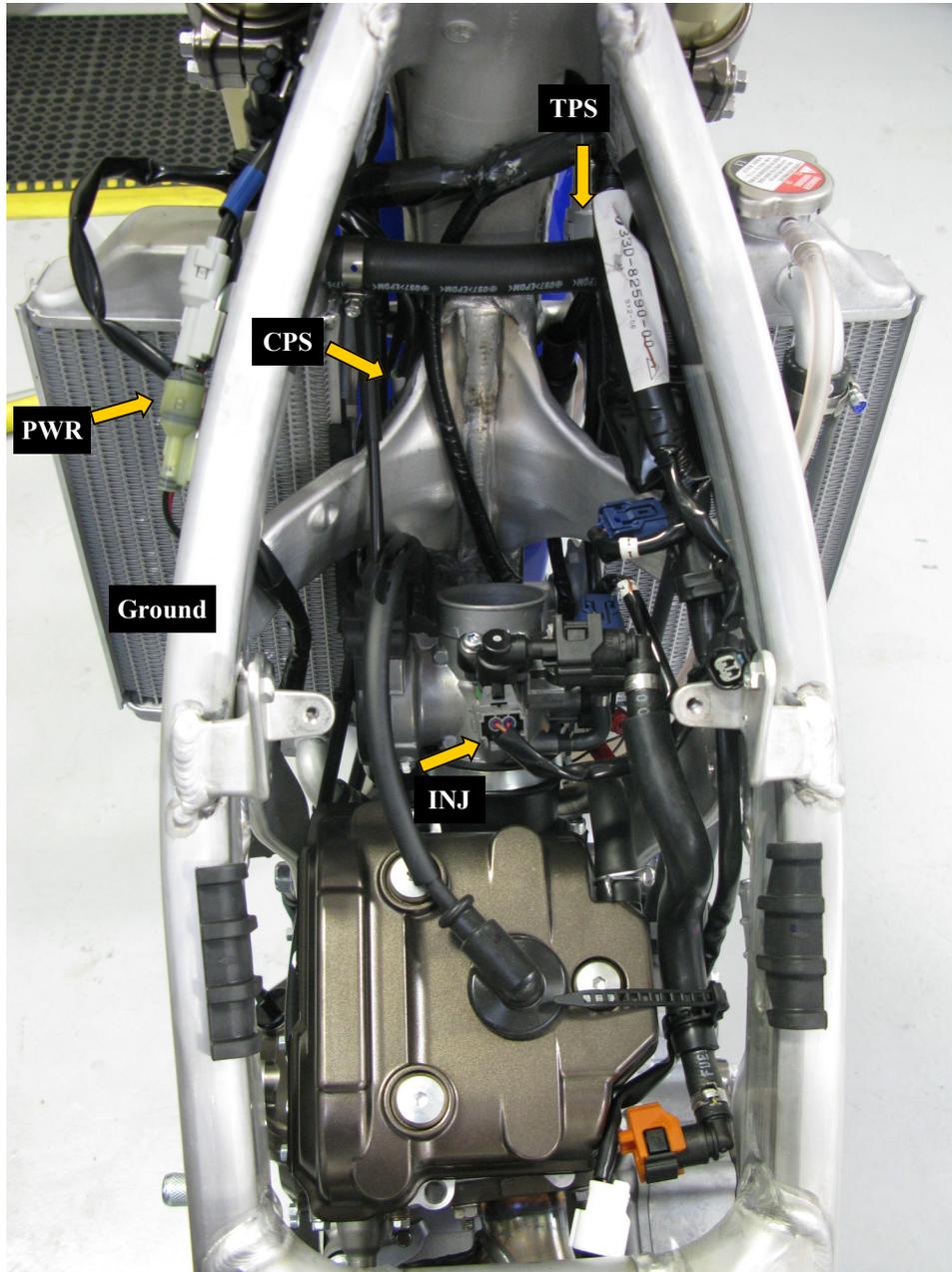
Bazzaz stickers

Cable ties



*Read through all instructions before beginning installation.
This is not a replacement for the ECU.*

**Stock component location for your reference
YZ450F**



**WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN
INSTALL THIS BAZZAZ PRODUCT**

*When routing the Z-Fi MX harness it is best to choose a routing path similar to that of the OEM harness. The Bazzaz harness is designed with lengths that allow for multiple scenarios, dependent of the installers individuals needs. **IMPORTANT:** Always secure harness clear of all moving components and the exhaust system. As contact with these components can result in damage to the harness.*

1. Remove the seat, fuel tank, air box and side fairing. Refer to factory service manual.
2. Remove the upper right engine mount bolts. Replace with the two supplied M8 x 30mm flange bolts, only threading them in until they are seen from the engine mount side. Mount the Z-Fi unit into the supplied aluminum bracket using the supplied velcro adhesive. Position the bracket and Z-Fi unit as shown in Photo 1. Tighten the engine mount bolts to 32 ft-lb (45 N-m). Secure Z-Fi bracket using supplied 8mm flange nuts. Connect the Bazzaz fuel harness to the control unit and then route the harness within engine compartment.



Photo 1

3. Locate the fuel injector on the throttle body. Disconnect the stock harness connector and install the mating Bazzaz injector connector in-line with the injector and stock harness connector. (Photo 2)

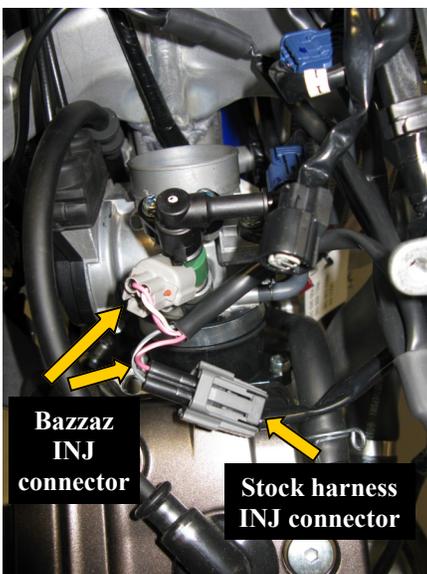


Photo 2

4. Locate the stock Throttle Position connectors, found between the frames steering neck and right side radiator. Disconnect the stock connectors and install the mating Bazzaz TPS connectors in-line. (Photo 3)

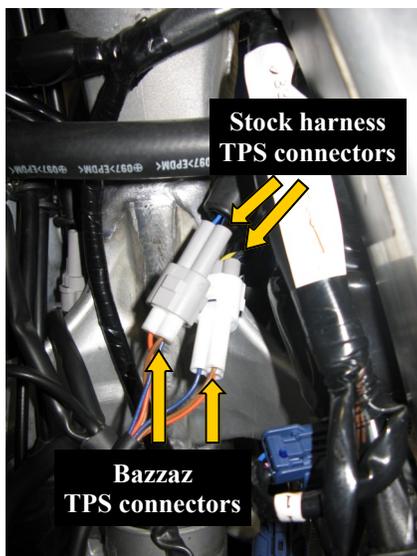


Photo 3

5. Locate the stock Crank Position Sensor connectors, found between the steering neck and left side radiator. Disconnect the stock connectors and install the mating Bazzaz CPS connectors in-line. (Photo 4)



Photo 4

6. Locate the ignition capacitor connectors found on the upper left side frame rail. Disconnect the stock connectors and install the mating Bazzaz Power connector in-line. (Photo 5)

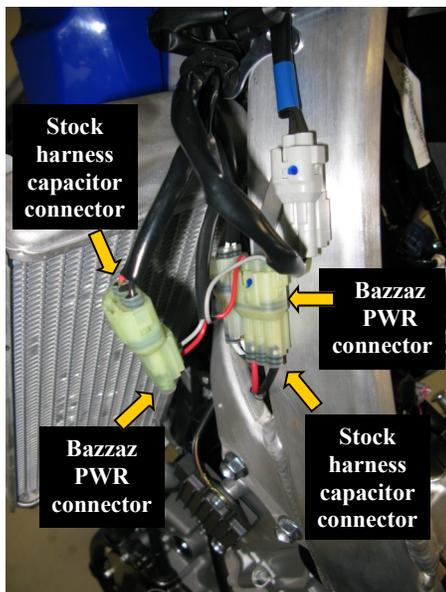


Photo 5

7. Remove top bolt serving the regulator / rectifier to the frame and install Bazzaz ground lug. (Photo 6)

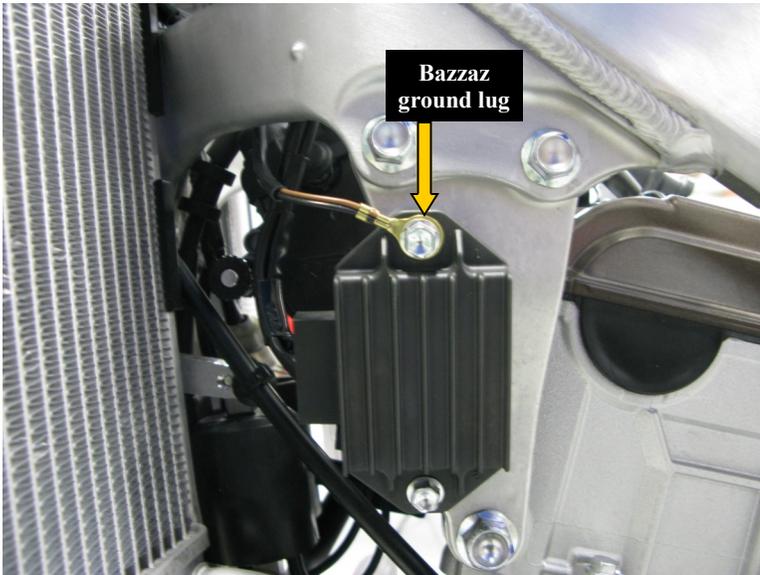


Photo 6

8. Re-install items removed in step 1.

9. If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call Bazzaz tech support department at (909) 597-8300.

The Bazzaz Z-Fi MX controller is capable of storing two maps. These maps can be selected through the use of a map select switch which can be mounted on the handlebar for easy access and can be purchased separately. Or these maps can be selected by connecting or disconnecting the map select jumper supplied with kit. 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.



Map 1



Map 2

*** To create the ideal map(s) we recommend using the optional Z-AFM self-tuning module. ***