



2011-2013 KFX-450 Z-Fi MX

INSTALLATION INSTRUCTIONS

P/N F412

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

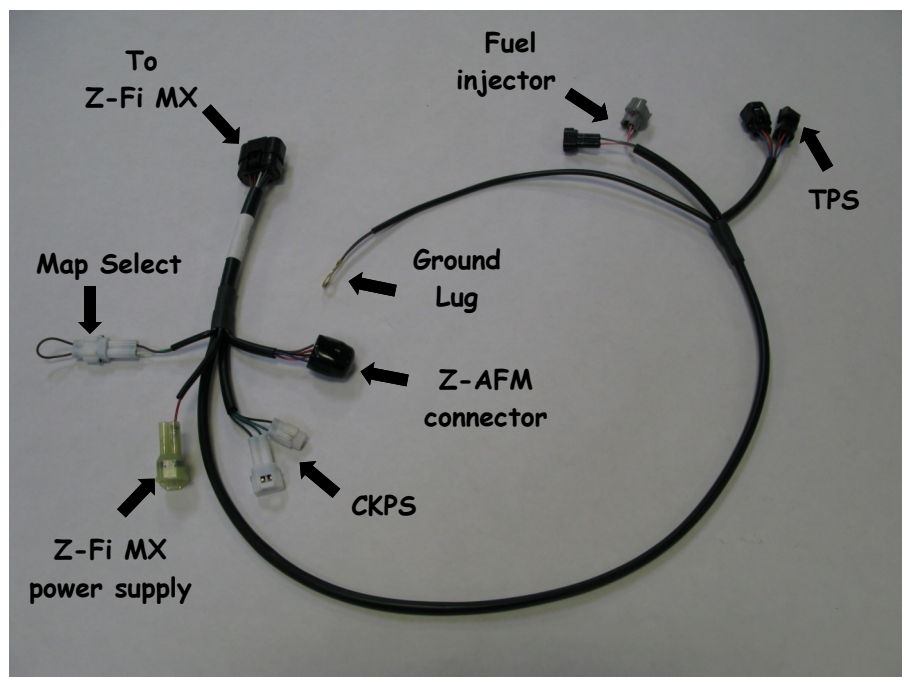
USB Cable

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.*

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

1. Remove the headlights and bracket, front fender, fuel tank and cover, side panels, ignition switch, and seat. Refer to factory service manual.
2. Remove the two OEM bolts holding the regulator in place and install the Z-Fi bracket using the OEM bolts. (Photos 1 & 2)

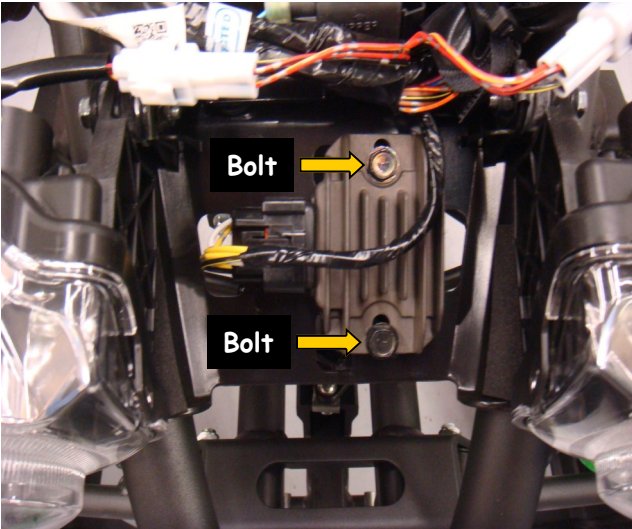


Photo 1

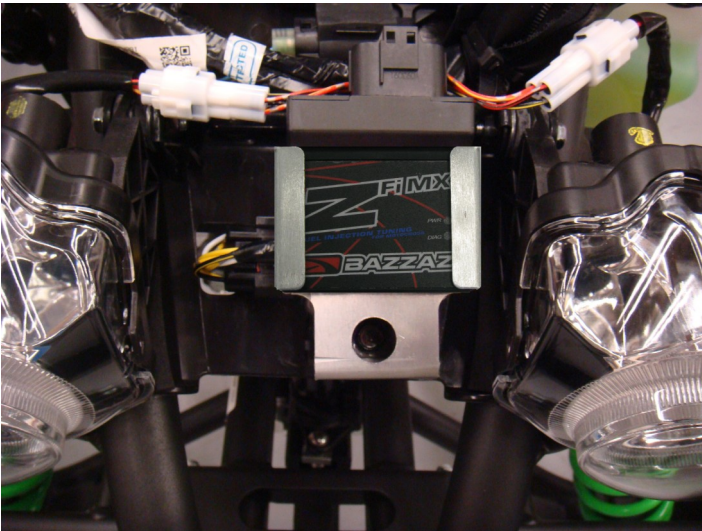


Photo 2

3. Attach supplied velcro adhesive to Z-Fi bracket and back of the Z-Fi. Connect the black Z-Fi harness connector into the Z-Fi. (Photo 2)
4. Route the Z-Fi harness from Z-Fi control unit location toward the injector compartment. Use supplied cable ties to secure Z-Fi harness when routing. (Photo 3)

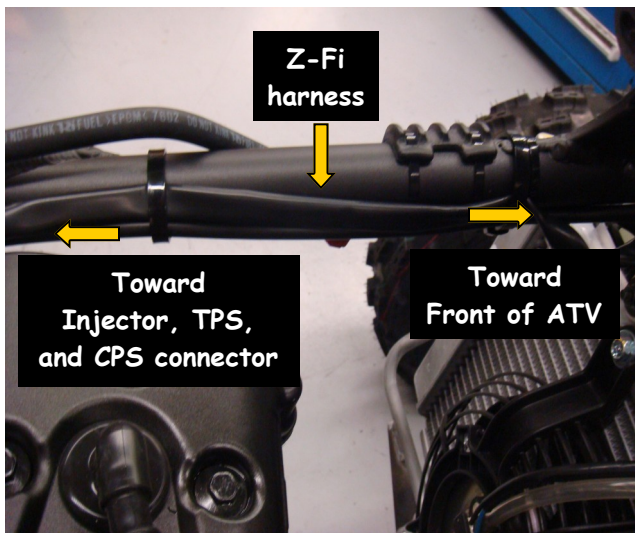


Photo 3

5. Attach the Z-Fi harness ground wire to the ATV's chassis ground. (Photo 4)

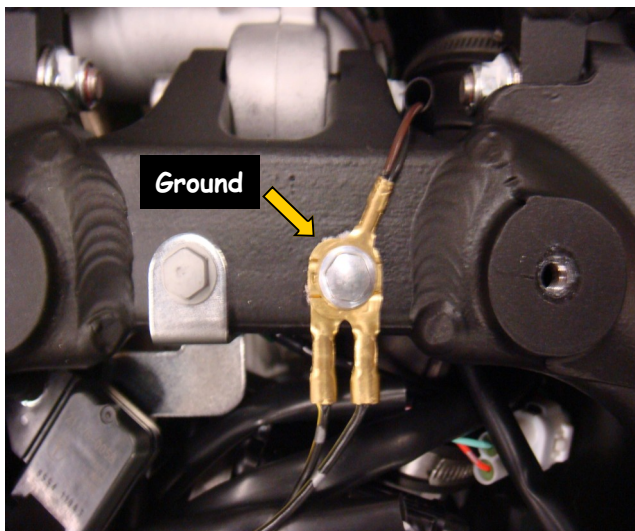
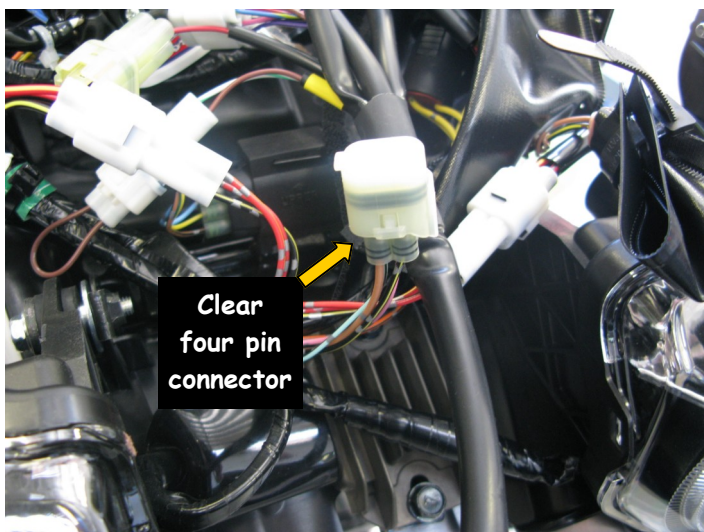


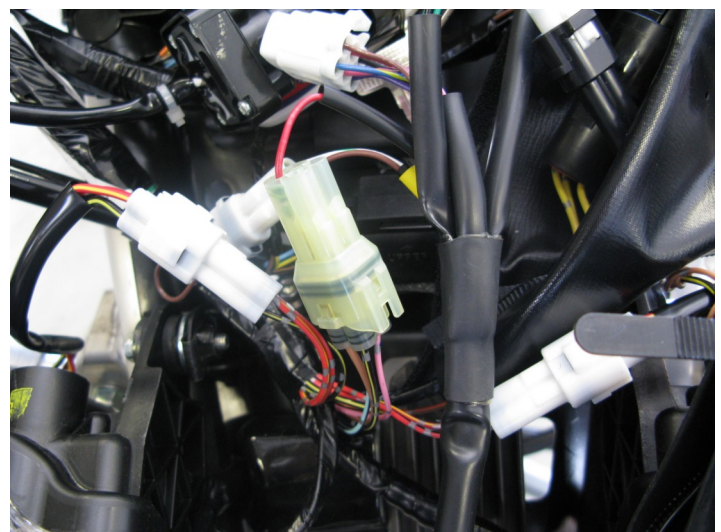
Photo 4

6. Locate a black wire protector near the front of the ATV, inside find the four pin clear connector. Remove the protective cover and connect Bazzaz power connector into the factory harness connector (photos 5 & 6).



Stock

Photo 5



Bazzaz power connection made

Photo 6

7. Locate the fuel injector (photo 7), disconnect the stock connector and connect the Z-Fi harness in-line with the fuel injector and stock connector (photo 8).

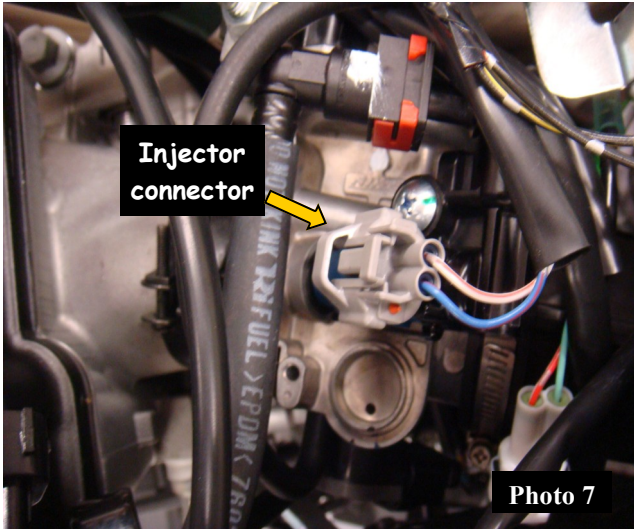


Photo 7

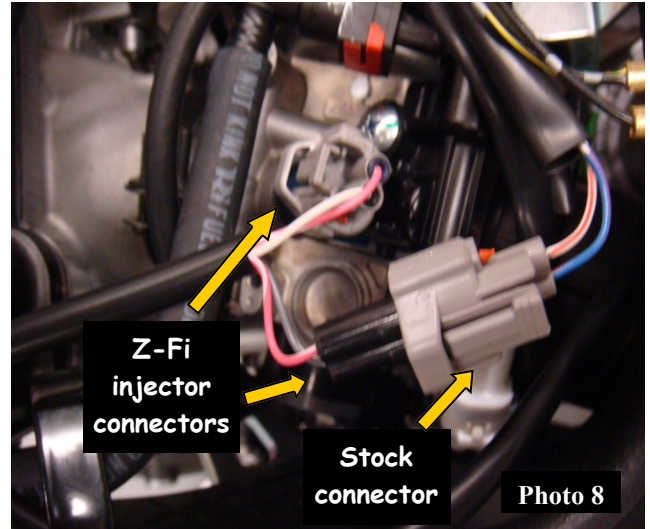


Photo 8

8. Locate the Throttle Position Sensor (TPS) near the left side of the sub frame (photo 9). Disconnect the stock TPS connector and connect the Z-Fi harness in-line with the TPS and stock connector.

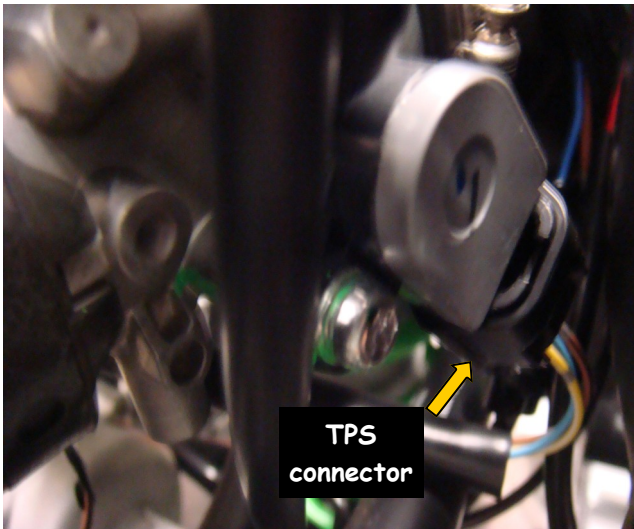


Photo 9

9. Locate a black wire protector near the front of the ATV. Inside the black wire protector find the Crank Position Sensor (CKPS) connector, a black two-pin connector (photo 10). Disconnect the CKPS connectors and connect the Z-Fi harness in-line with the two stock CKPS connectors.

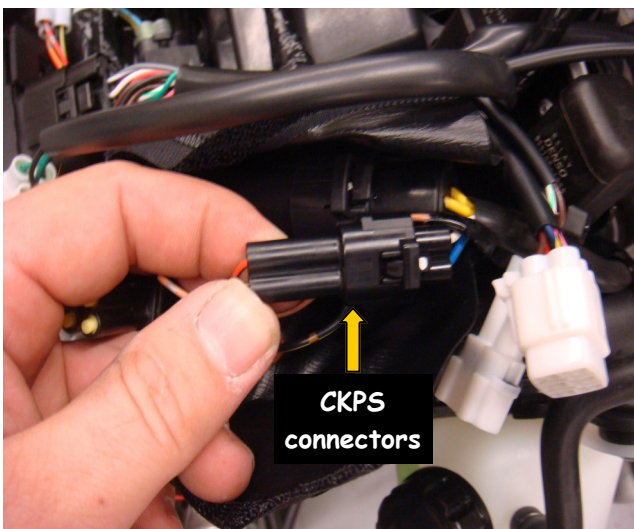


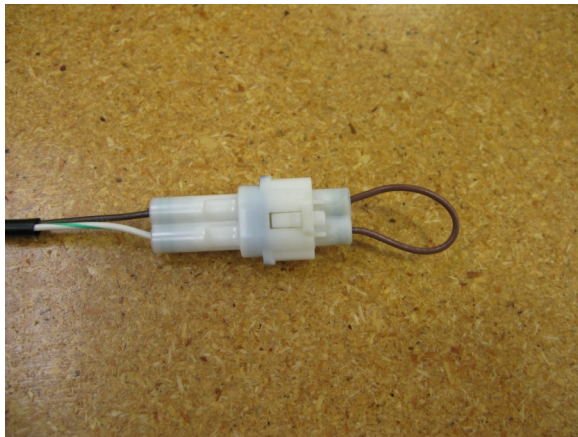
Photo 10

10. Check that all wiring connections are tight.

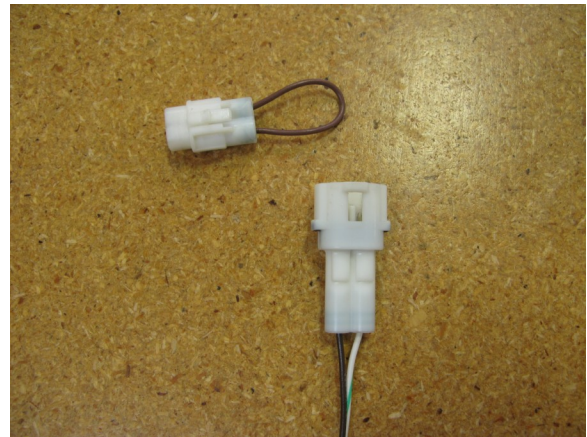
11. Re-install headlights and bracket, front fender, fuel tank, and cover, side panels, ignition switch, and seat. Check that wiring is not pinched or kinked.

12. 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. ***