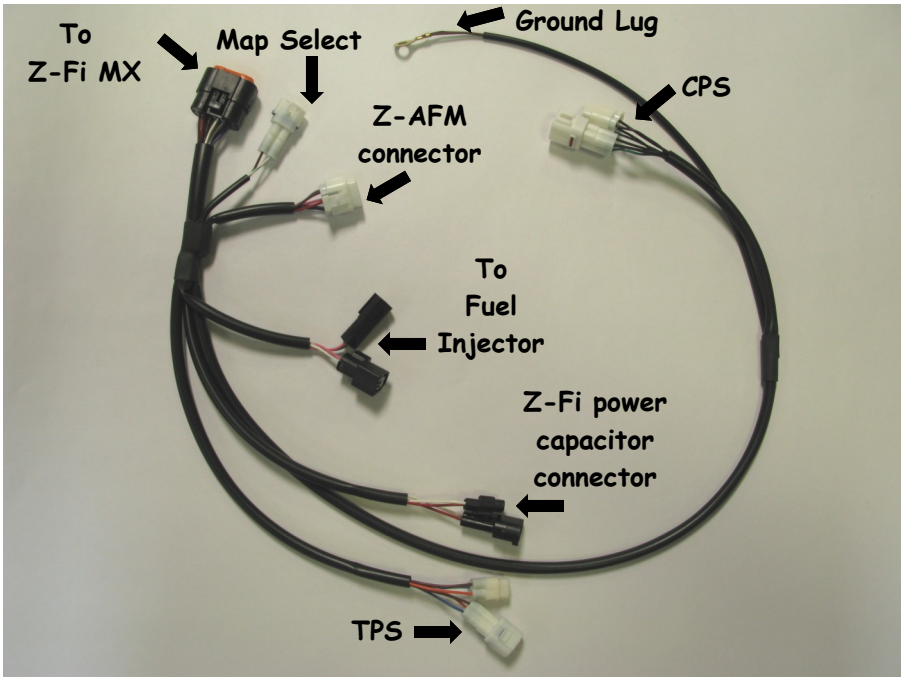
2010 RMX450 Z-Fi MX

INSTALLATION INSTRUCTIONS
P/N F632

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

PARTS LIST:

Z-Fi MX Control Unit
DOWNLOAD Z-Fi MAPPER SOFTWARE & ITS INSTRUCTIONS FROM WEBSITE
USB Cable
Z-Bomb
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.

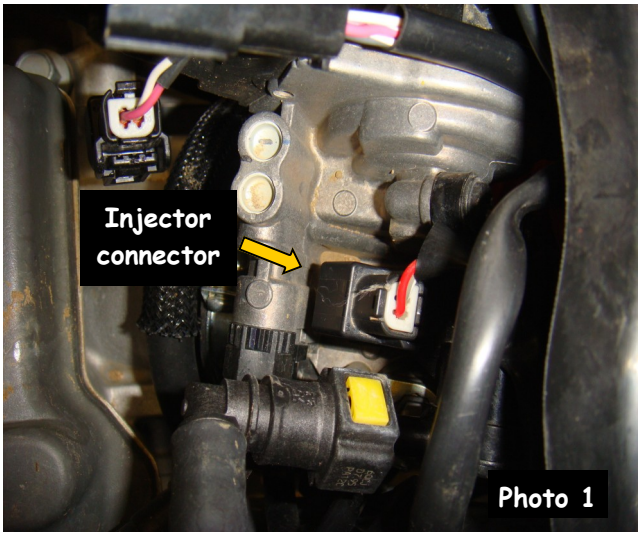
15330 Fairfield Ranch Rd., Unit E, Chino Hills, CA 91709 Phone 909-597-8300 Fax 909-597-5580 www.BazzazPerformance.com

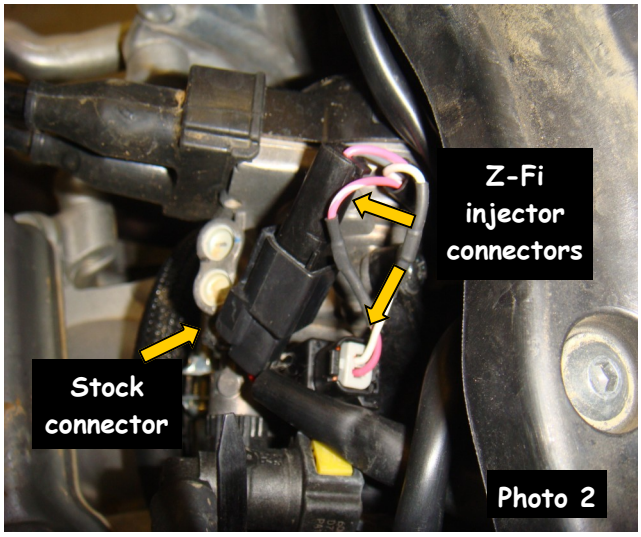
WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

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.

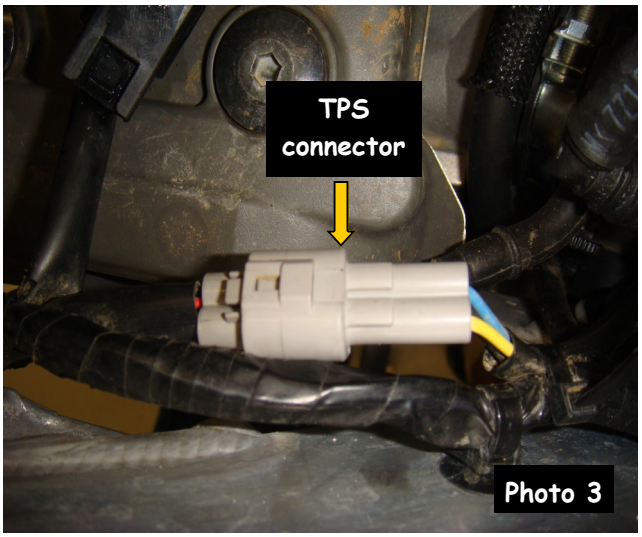
1. Remove the seat, left and right side covers, and fuel tank. Refer to factory service manual.

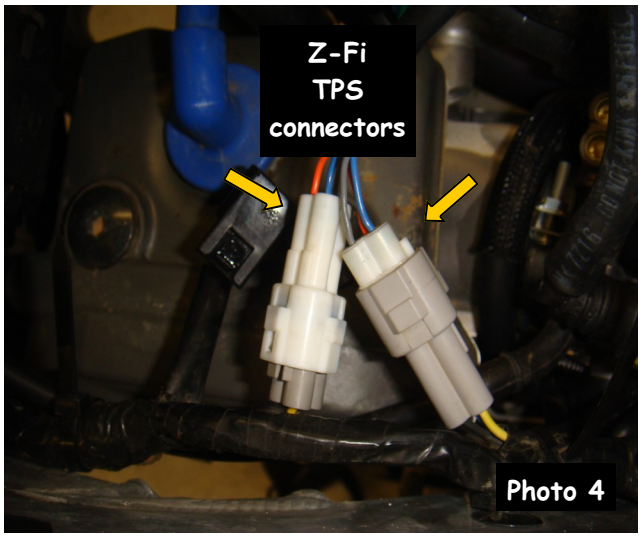
2. Locate the fuel injector (photo 1), disconnect the stock connector and connect the Z-Fi harness in-line with the fuel injector and stock connector. (Photo 2)





3. Locate the throttle position sensor near the left side of the frame (photo 3). Disconnect the stock TPS connector and connect the Z-Fi harness in-line with the TPS sensor and stock connector. (Photo 4)





4. Locate the Crank Position Sensor (CPS) connectors, two black, six pin connectors toward the front of the frame (photo 5). Disconnect the CPS sensor connectors and connect the Z-Fi harness in-line with the stock connectors. (Photo 6)

Photo 5

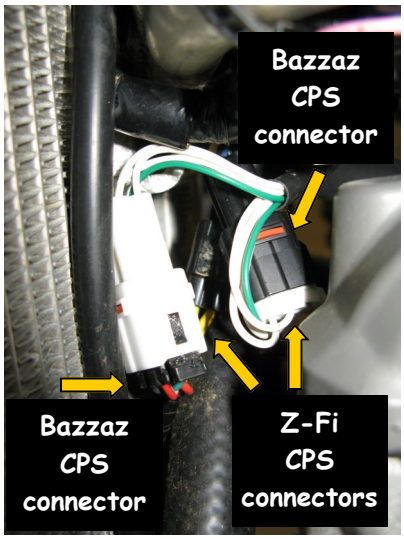


Photo 6

5. Locate the capacitor connector, a black two pin connector to the lower left of the frame (photo 7). Disconnect the capacitor connector and connect the Z-Fi connectors in-line. (Photo 8)

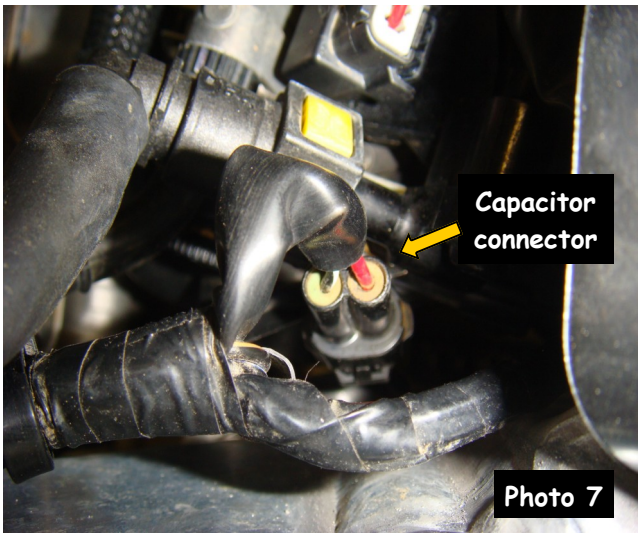


Photo 7

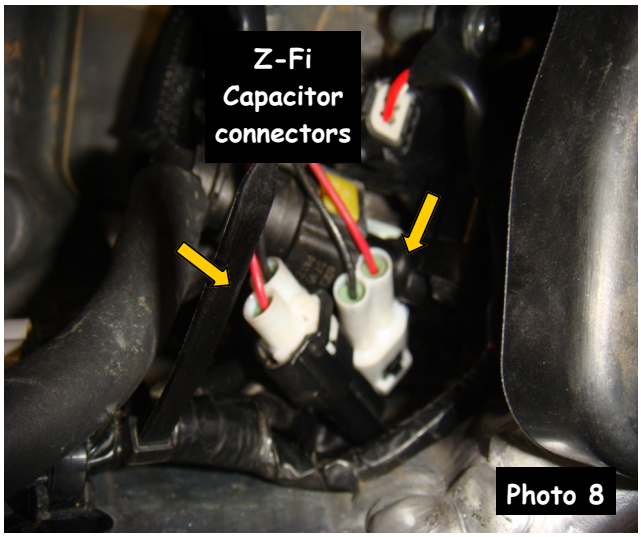


Photo 8

6. Attach the Z-Fi harness ground wire to the motorcycles chassis ground. (Photo 9)

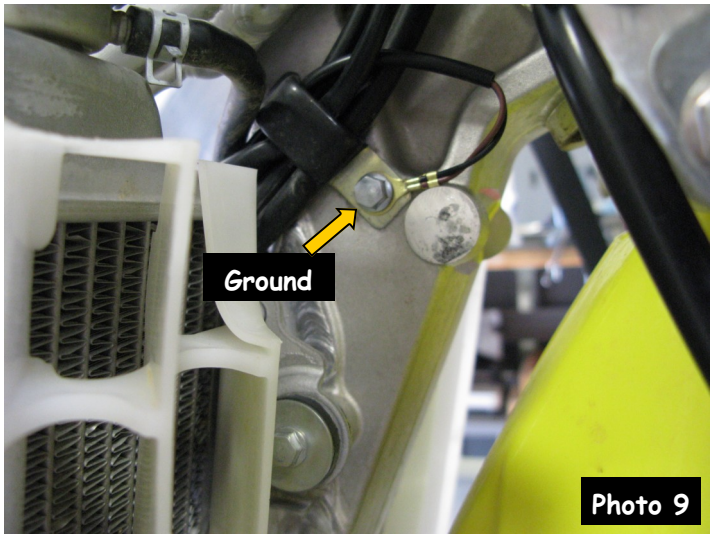
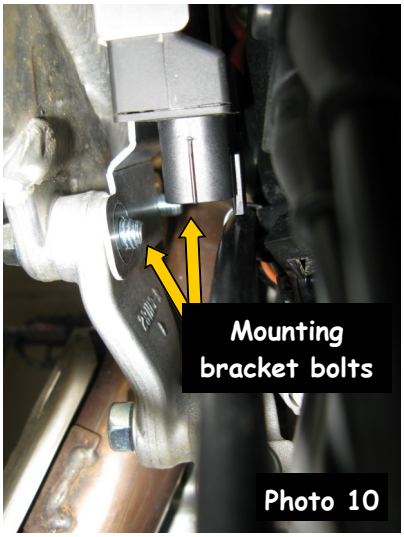


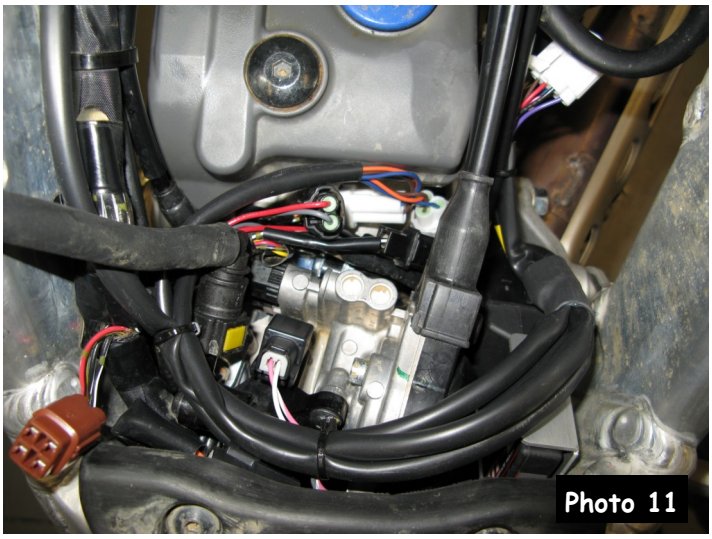
Photo 9

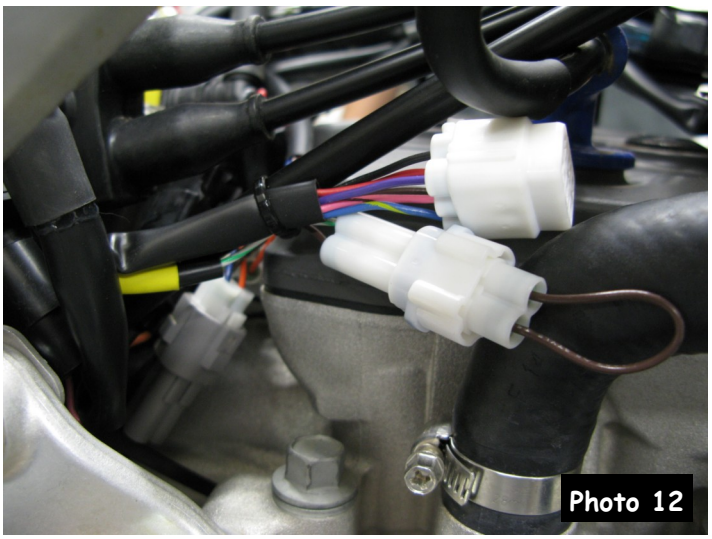
7. Attach supplied velcro the back of the control unit and mounting bracket. Place the control unit inside the mounting bracket so that the velcro secures it in place.

8. Remove the two 8mm bolts that attach the engine mounting bracket to the right side frame rail. Replace these bolts with the longer 8mm bolts supplied with the Bazzaz kit. Place the bracket (with the unit installed) inside the frame rail over the protruding bolts and secure the bracket in place with the supplied nuts. (Photo 10)



9. Connect the Bazzaz harness to the control unit and secure it away from any hot or moving components to avoid damage to the harness. (Photos 11 & 12)





Special care should be taken when securing the Z-AFM and map select connectors as their location is close to the exhaust header.

10. Check that all wiring connections are tight.

Included in this kit is a Z-Bomb which is a simple plug in bypass device. When the Z-Bomb is installed an unrestricted map within the factory ECU is activated allowing for increased performance. (Photo 14)

11. Remove rear left side panel.

12. Locate the stock Diagnostic Connector. Remove the connector cover. (Photo 13)

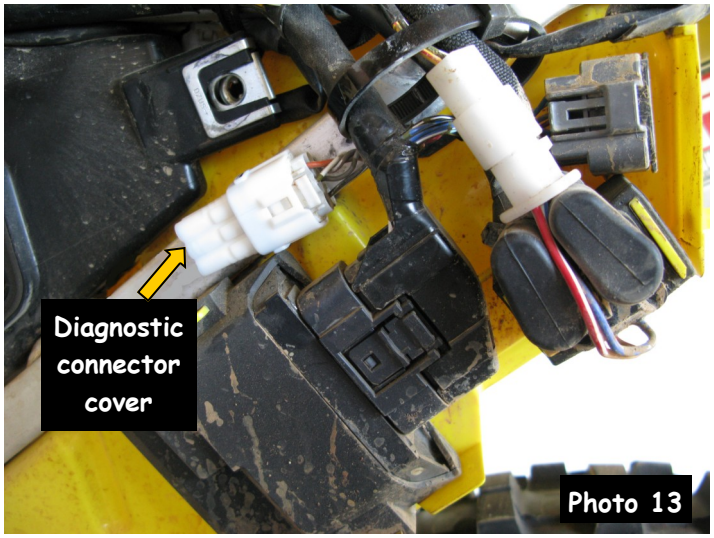


Photo 13

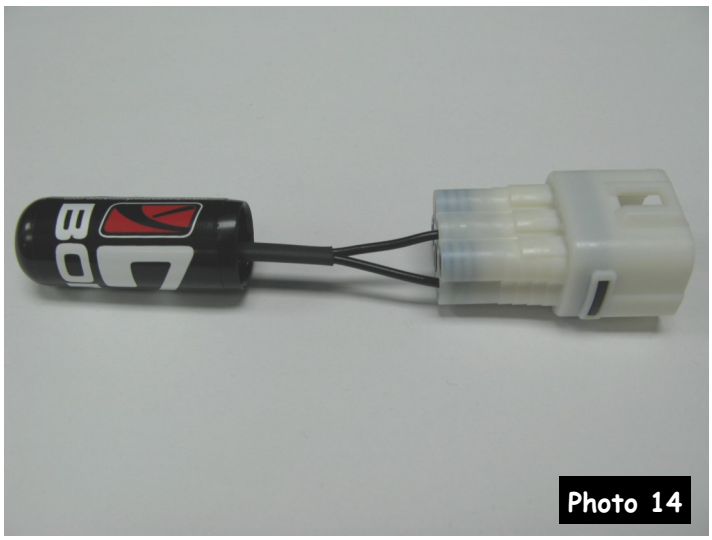


Photo 14

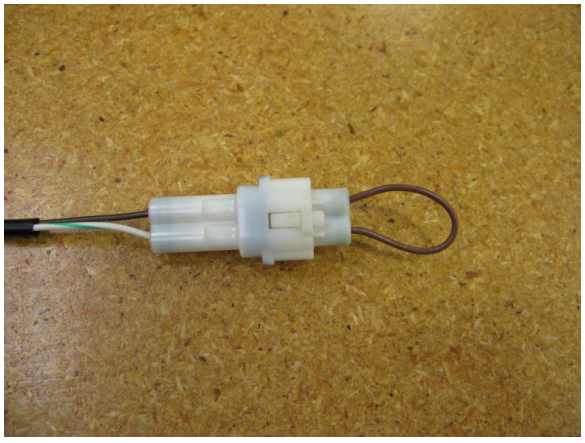
13. Connect the Z-Bomb in place of the stock cover.. Use cable tie to secure Z-Bomb and harness.

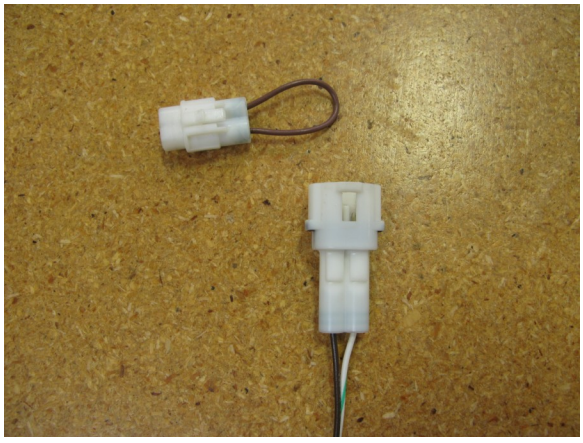
14. Replace side panel.

15. Re-install fuel tank, left and right side panels, and seat. Check that wiring is not pinched or kinked.

16. 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

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