



## 2008-2012 RMZ450F & 2010-2011 RMZ250F Z-Fi MX

### INSTALLATION INSTRUCTIONS

P/N F631, F630, F633

#### **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**

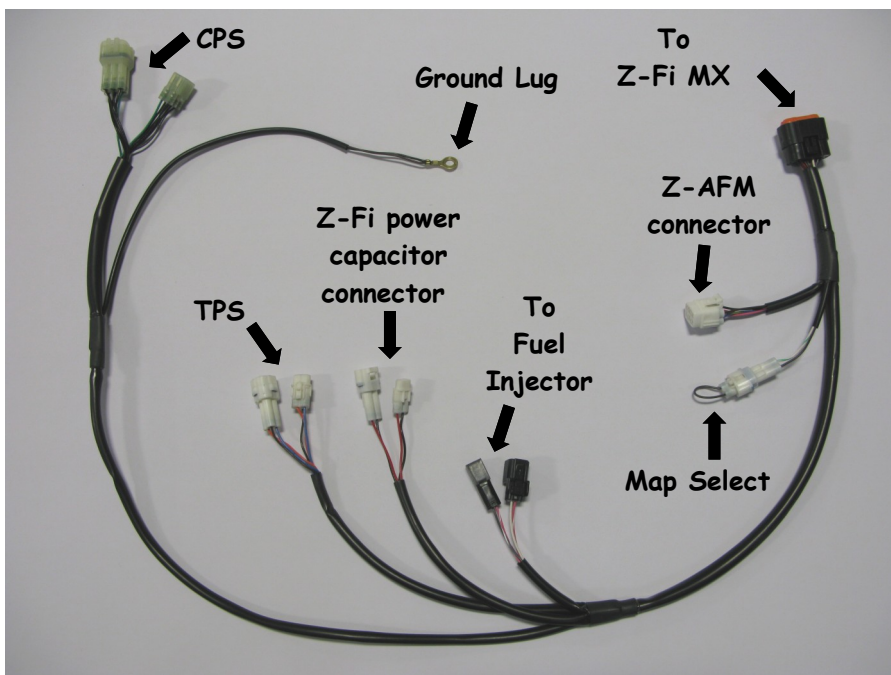
**USB Cable**

**Z-Fi MX aluminum bracket**

**Velcro**

**Bazzaz stickers**

**Cable ties**

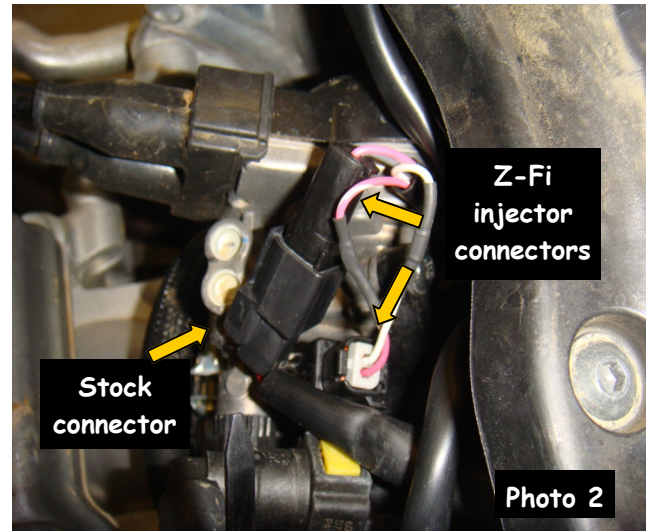
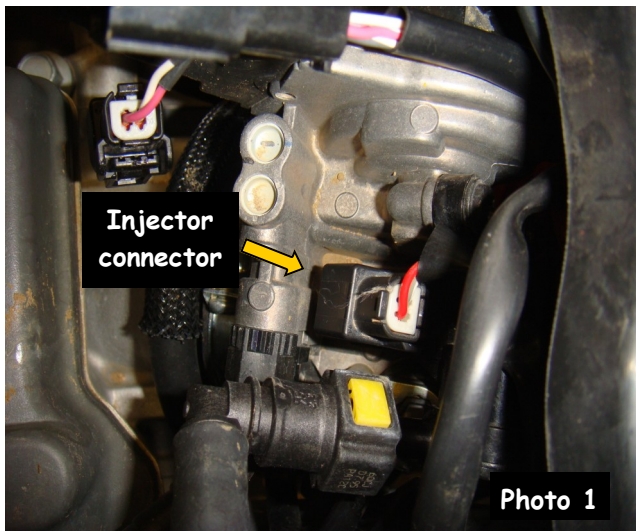


*Read through all instructions before beginning installation.  
This is not a replacement for the ECU.*

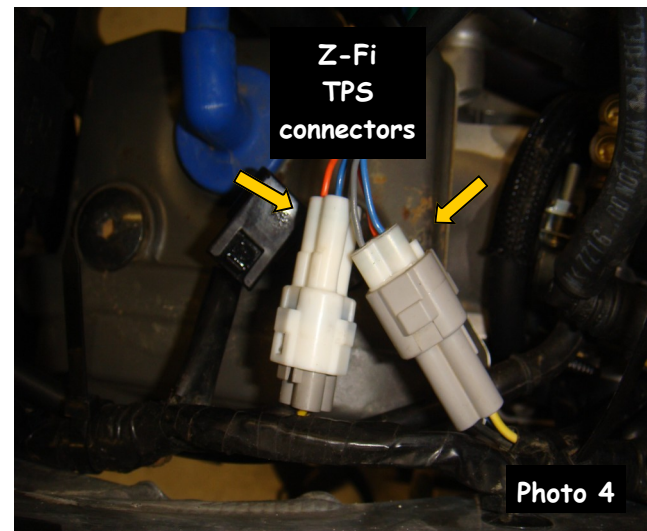
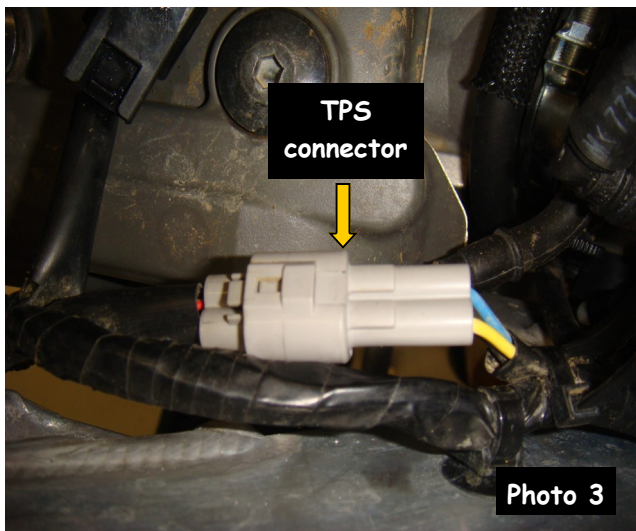
**WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN  
INSTALL THIS BAZZAZ PRODUCT**

*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)

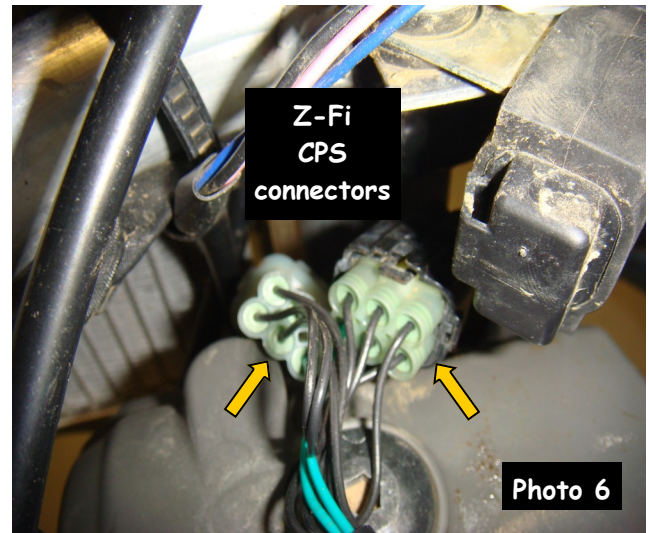
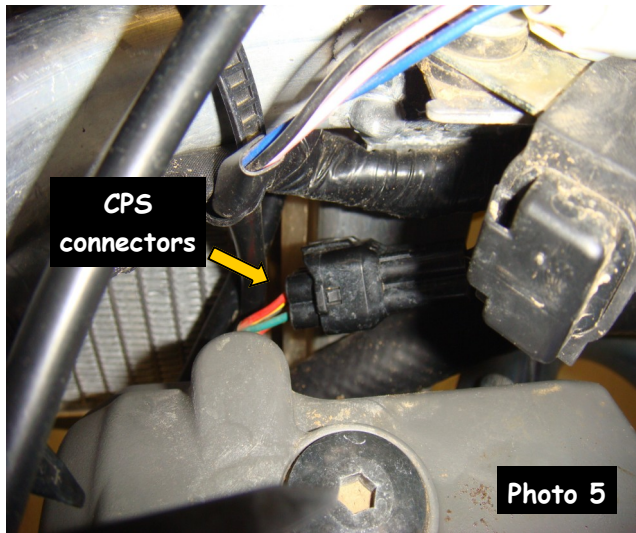


3. Locate the throttle position sensor near the left side of the frame (photo 3). Disconnect the stock TPS connector and connect the Z-Fi harness in-line with the TPS sensor and stock connector. (Photo 4)

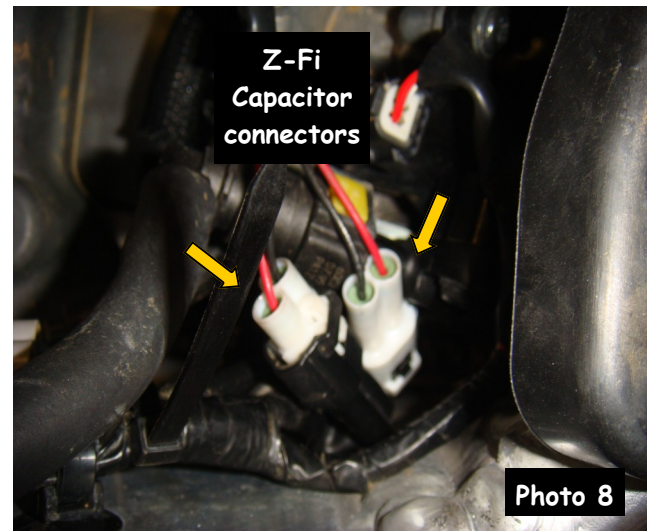


4. Locate the Crank Position Sensor (CPS) connectors, two black, six pin connectors toward the front of the frame (photo 5). Disconnect the CPS sensor connectors and connect the Z-Fi harness in-line with the stock connectors. (Photo 6)

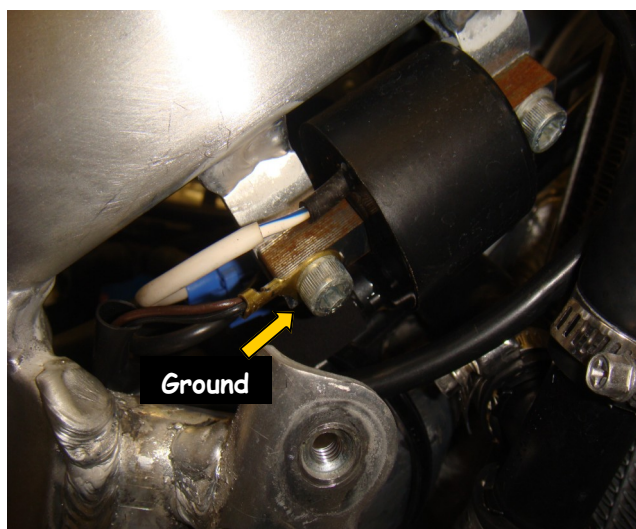




5. Locate the capacitor connector, a black two pin connector to the lower left of the frame (photo 7). Disconnect the capacitor connector and connect the Z-Fi connectors in-line. (Photo 8)



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



7. Cut out a small section of the airbox to make room for the Z-Fi harness. (Photo 10)

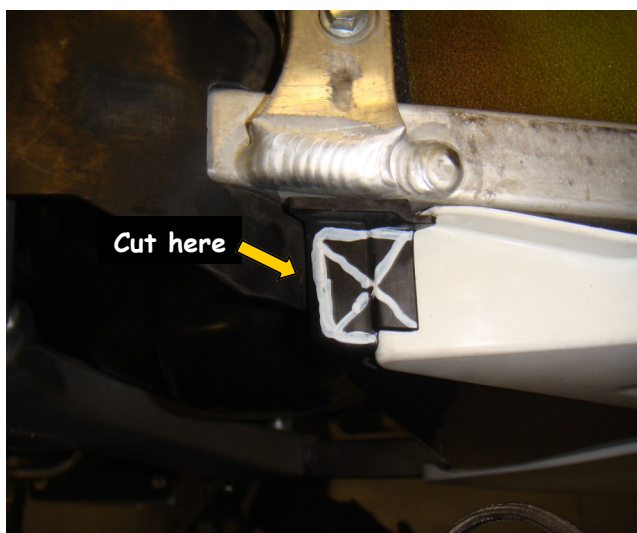


Photo 10

8. Route the Z-Fi harness back through the airbox. (Photo 11)

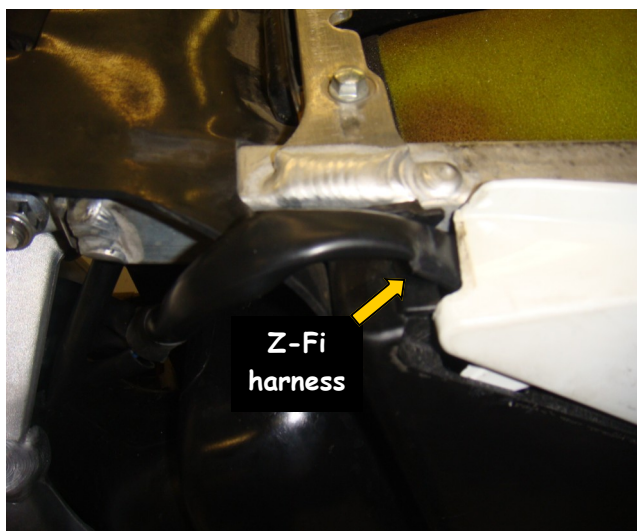


Photo 11

9. 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 unit. (Photo 12)

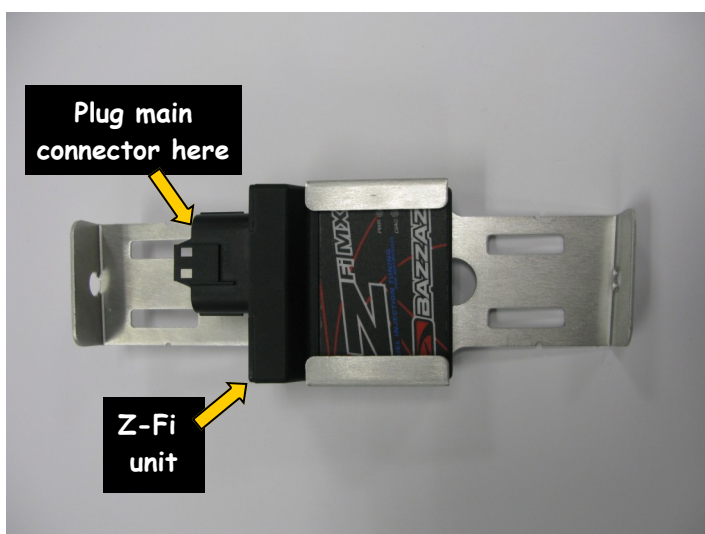


Photo 12



10. Attach the Z-Fi bracket to the subframe using the cable ties provided. (Photo 13)

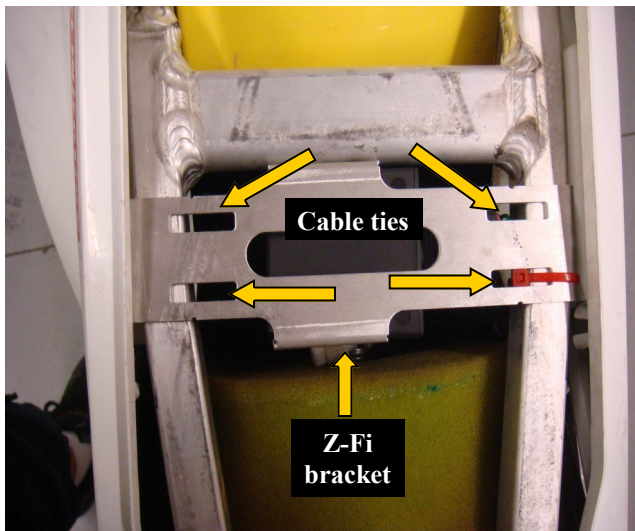


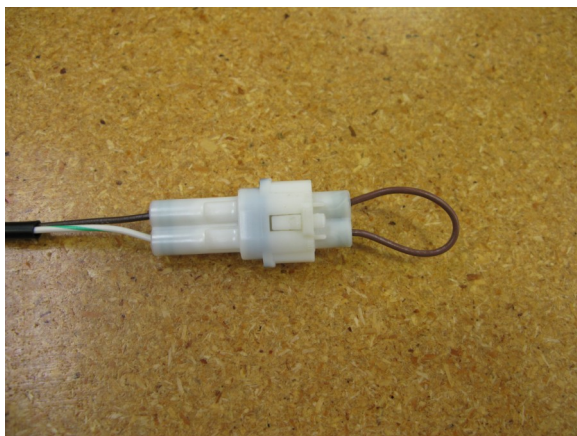
Photo 13

11. Check that all wiring connections are tight.

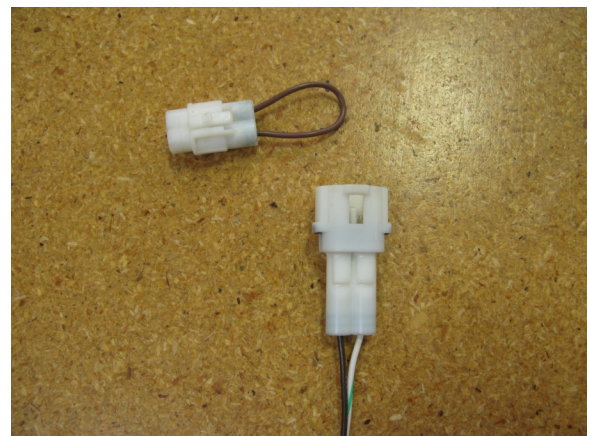
12. Re-install fuel tank, left and right side panels, and seat. Check that wiring is not pinched or kinked.

13. 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. \***