



2006-2011 RAPTOR 700R Z-Fi MX

INSTALLATION INSTRUCTIONS

P/N 127019

WARNING!

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

PARTS LIST:

Z-Fi MX Control Unit

Fuel Harness

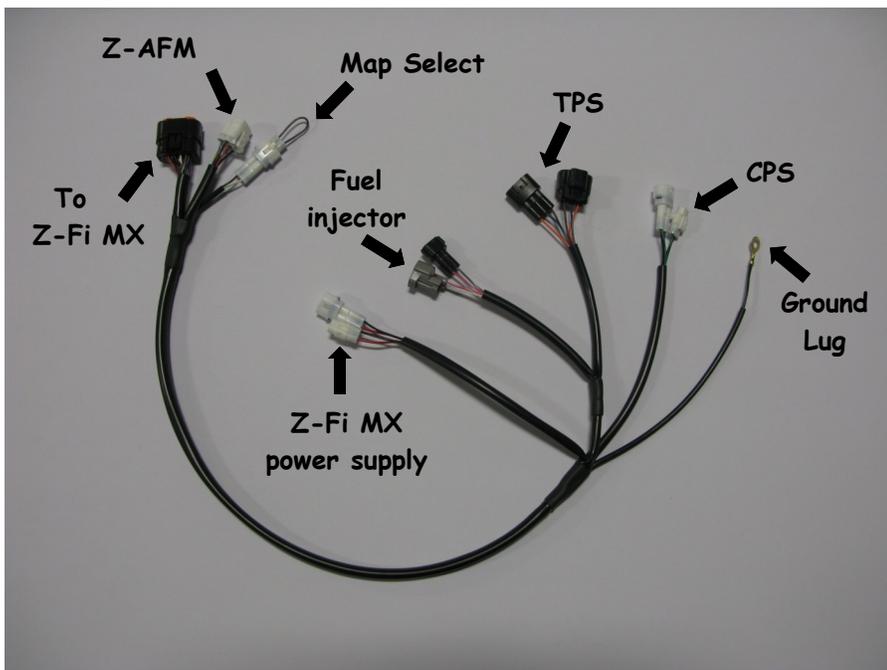
DOWNLOAD Z-Fi MAPPER SOFTWARE & ITS INSTRUCTIONS FROM WEBSITE

USB Cable

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 seat, fuel tank cap, ignition switch, front and side plastic covers. Refer to factory service manual. (Photo 1 and 2)

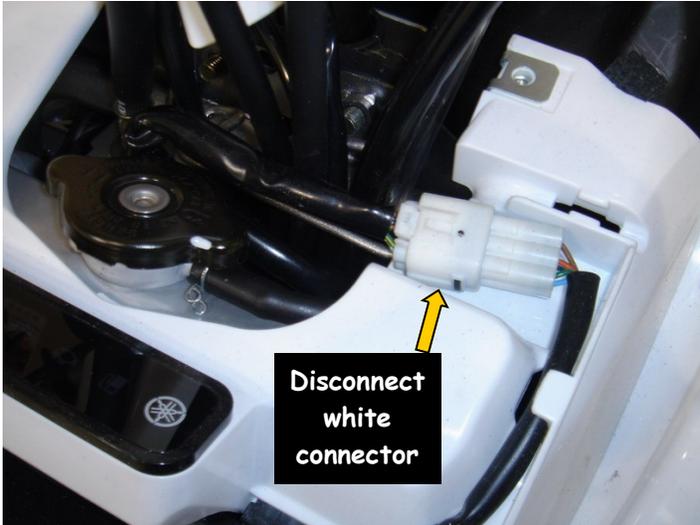


Photo 1



Photo 2

2. Using the supplied Velcro, secure the Z-Fi MX control unit to the rear body panel just behind the airbox. (Photo 3)

3. Remove four gas tank bolts. Lift up the gas tank. Route the Z-Fi MX harness from rear airbox compartment toward injector compartment. Make sure the Z-Fi MX harness is secure and away from moving parts. . (Photo 3)

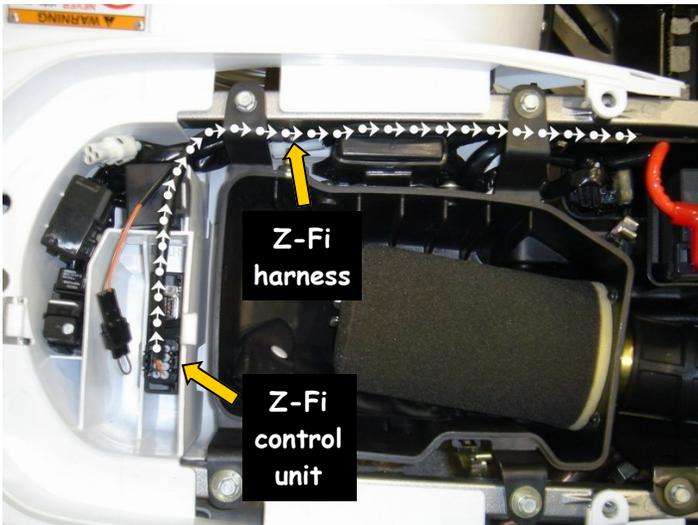


Photo 3

4. Locate the injector. Disconnect the stock connector and connect the Z-Fi MX harness in-line with the injector and stock connector. (Photo 4)

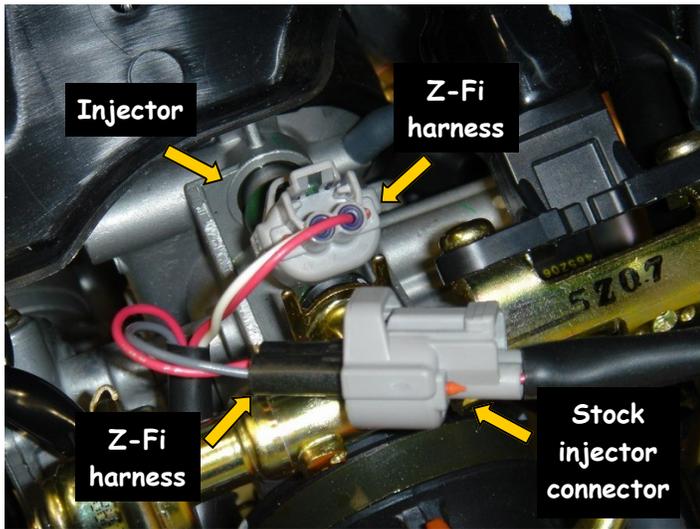


Photo 4

5. Locate the Throttle Position Sensor (TPS) connector on the right side of the bike. Disconnect the stock connector and connect the Z-Fi MX harness in-line with the TPS and connector. (Photo 5)

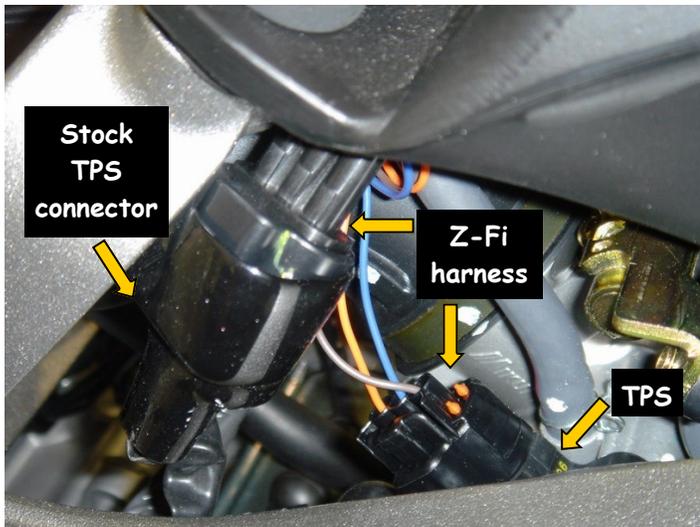


Photo 5

6. Locate the Crankshaft Position Sensor (CPS) connectors. They are the white two pin connectors on the left side of the engine (photo 6). The male side of the connector has black/blue and blue/yellow wires. The female side of the connector has green and blue/yellow wires. Disconnect them and connect the white Z-Fi MX harness CPS connectors (which have green and black wires) (photo 7) in-line with the stock connectors.

Note: There are two white two-wire connectors on the Z-Fi MX harness, make sure to use the correct one.

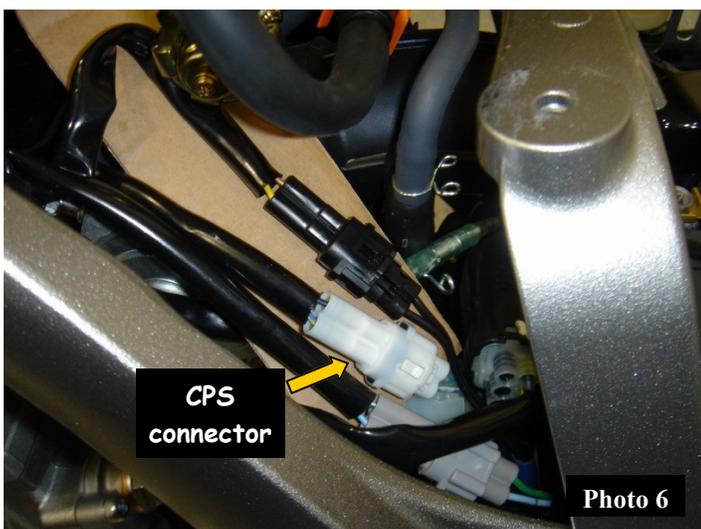


Photo 6

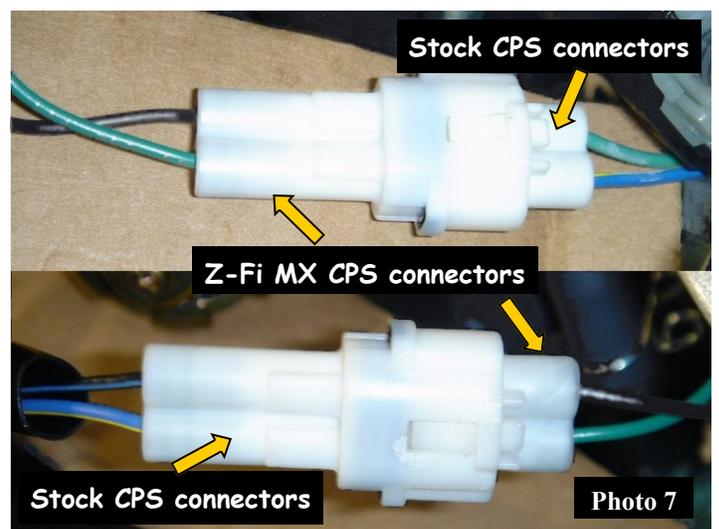
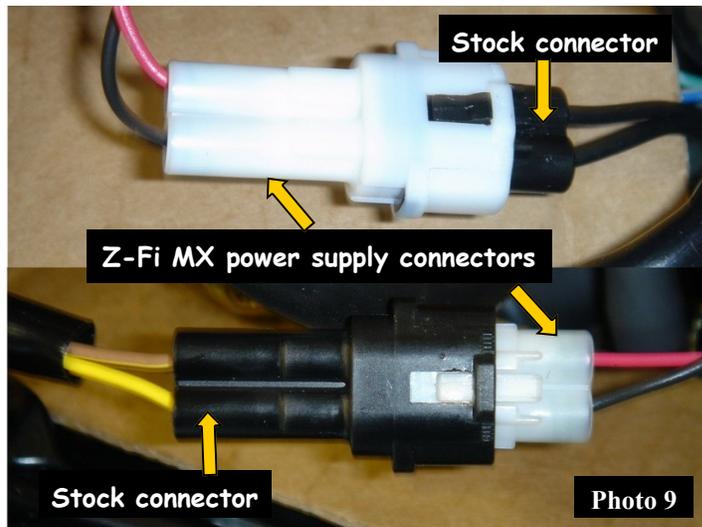
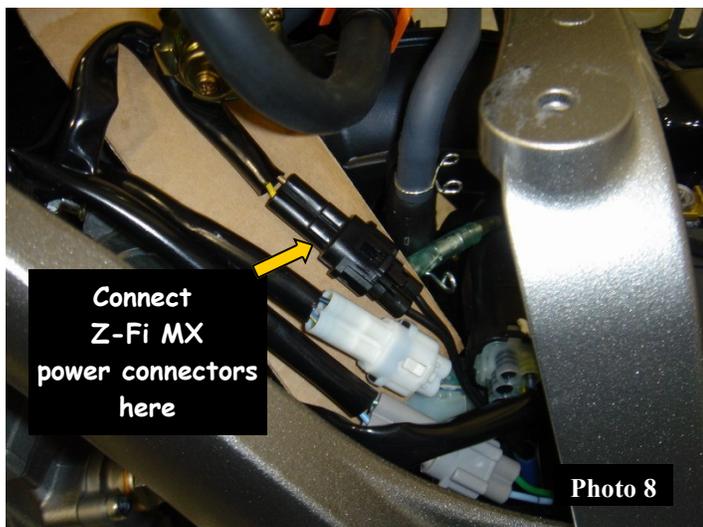


Photo 7

7. Locate the black two-pin connectors close to the CPS connectors (photo 8). The male connector has brown/yellow, and yellow wires. The female connector has two black wires. Disconnect them and connect the Bazzaz power supply connectors (which have black and red wires) in-line with these connectors. (Photo 9)



8. Connect the ground lug of the Z-Fi MX harness to a solid chassis ground. Be sure to remove paint from any surfaces to ensure the best possible contact.

9. Check that all wiring connections are tight.

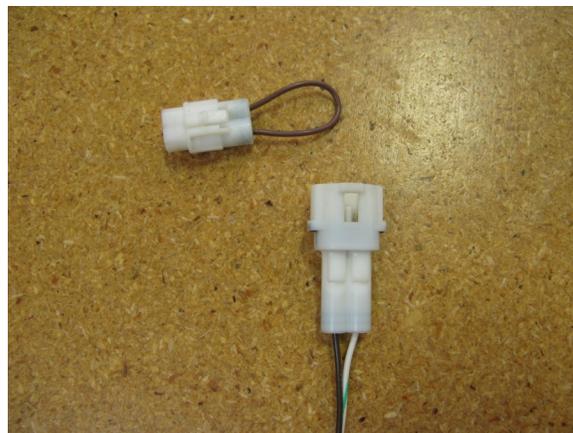
10. Re-install fuel tank, plastics, fuel tank cover, ignition switch, and seat. Check that wiring is not pinched or kinked.

11. 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