



2007-2013 KTM Adventure 990 Z-Fi MX Installation Instructions
P/N F582

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 & it's Instructions from Website

USB Cable

Small Cable Tie (7)

Velcro

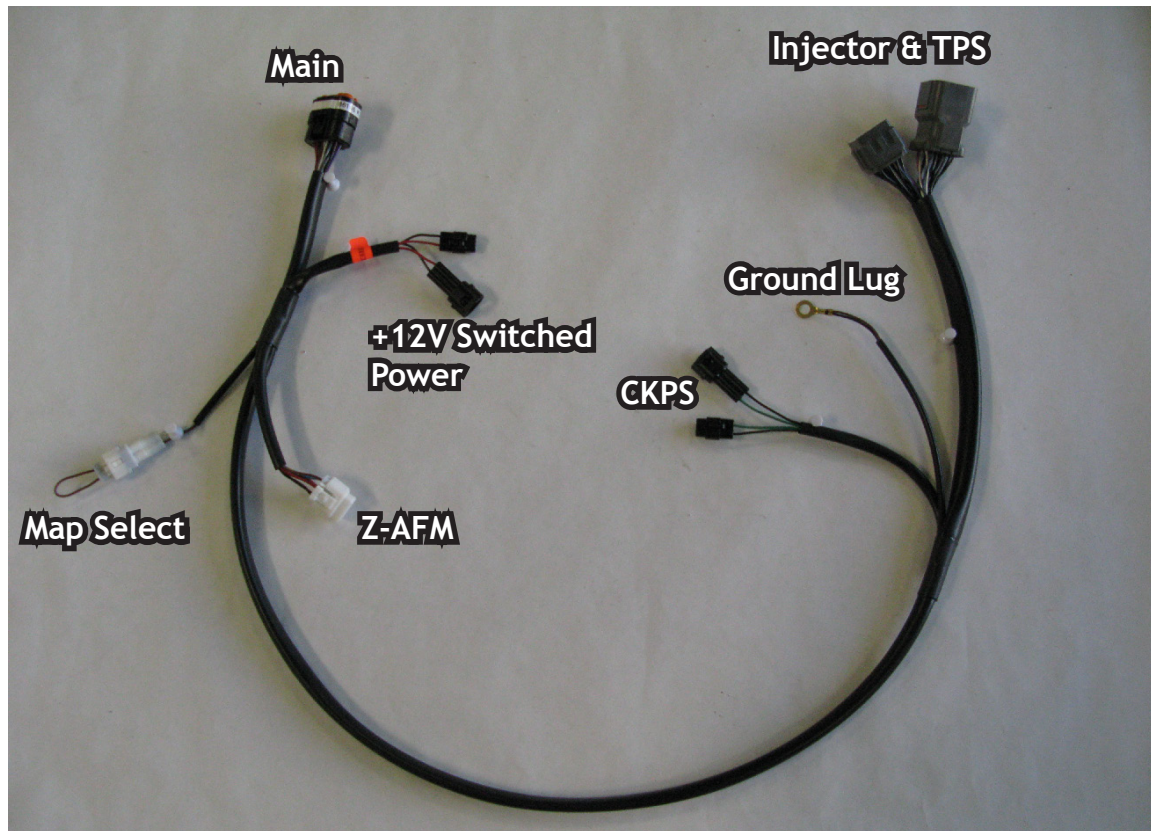
Stickers



Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. For more specific stock component identification and location information refer to a factory service manual.

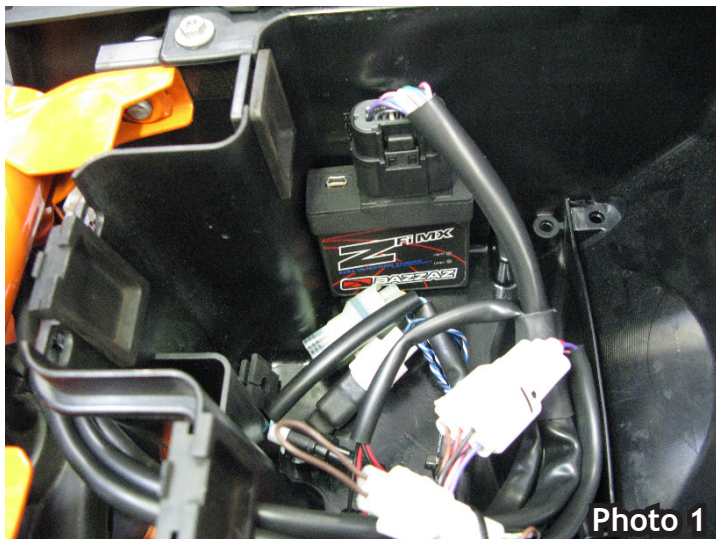
To create the ideal map(s) we recommend using the optimal Z-AFM self-tuning module and eliminate the secondary air valve with the KTM Bazzaz eliminator kit.

BAZZAZ HARNESS CONNECTOR IDENTIFICATION

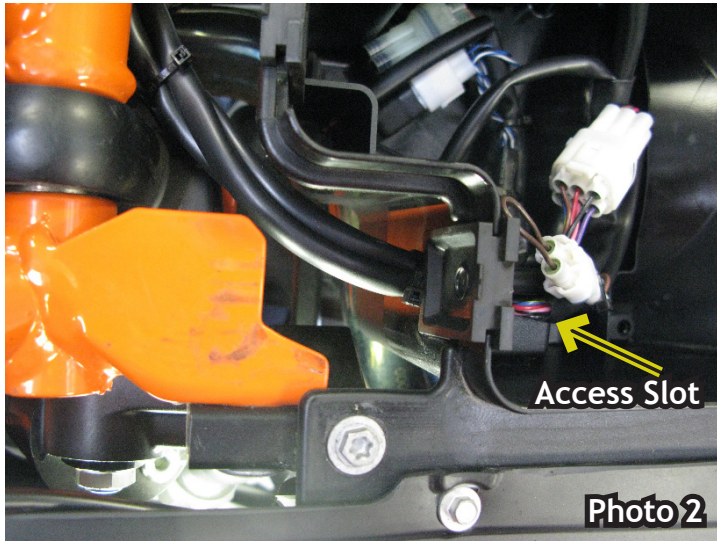


1. Remove the following components: seat, upper glove box between the two tanks, right and left fairings. Remove right side gas tank and make sure to turn off the petcock on the bottom of the tanks before removing any hoses. Then remove left side of gas tank (Note: this side has the fuel pump in it so make sure you unplug it prior to removing the tank).

2. Mount the control unit in the accessory box under the seat and plug main connector into control unit (photo 1).



3. Route the harness out of the accessory box using the access slot on the left side (photo 2).

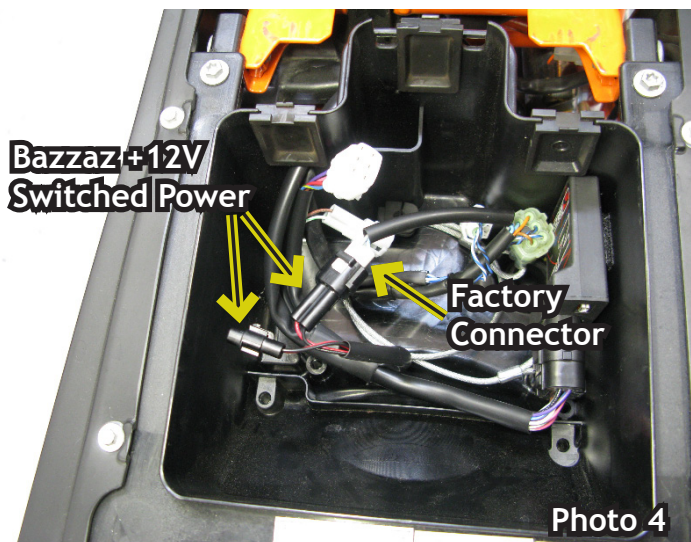


4. Route the remainder of the harness on the right side of the bike along the lower frame rail (photo 3).

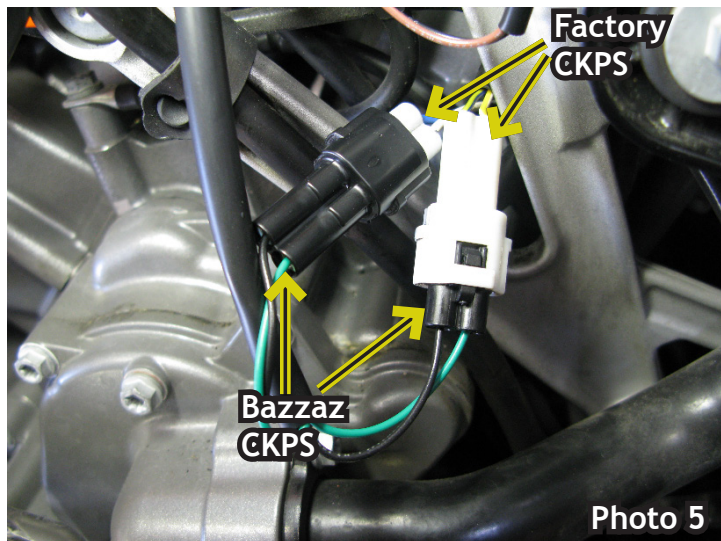


Bazzaz harness routing shown in blue

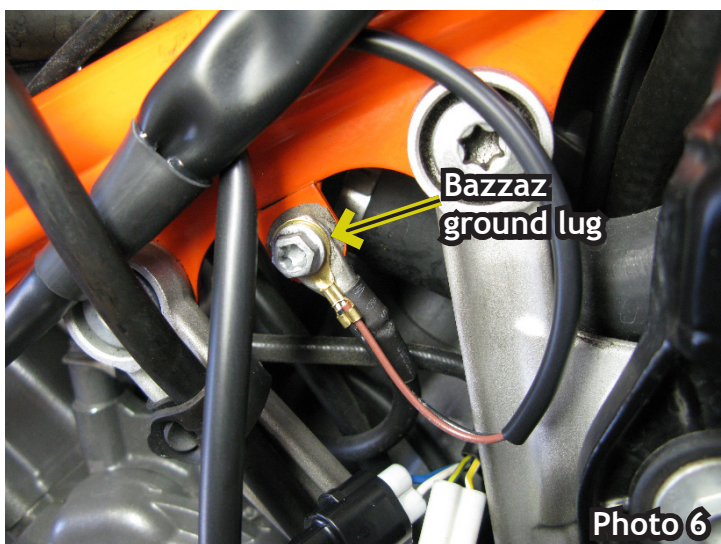
5. Connect the +12V switched power on the Bazzaz harness to the white connector in the accessory box (photo 4).



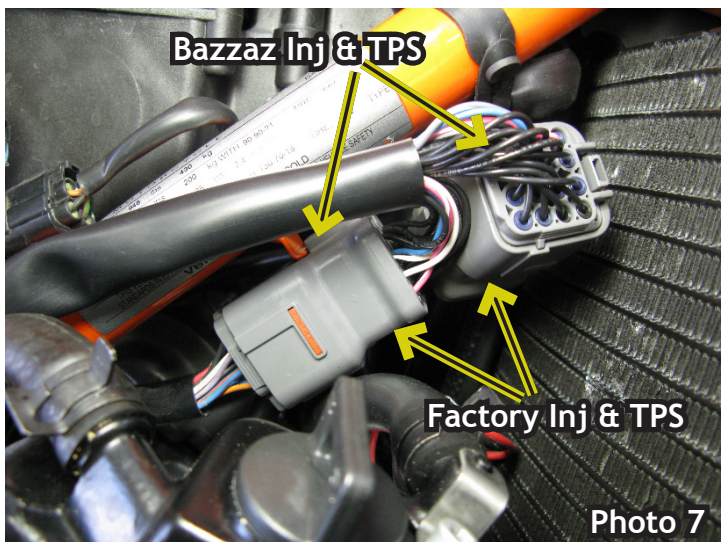
6. Next connect the Bazzaz CKPS inline with the factory CKPS (photo 5).



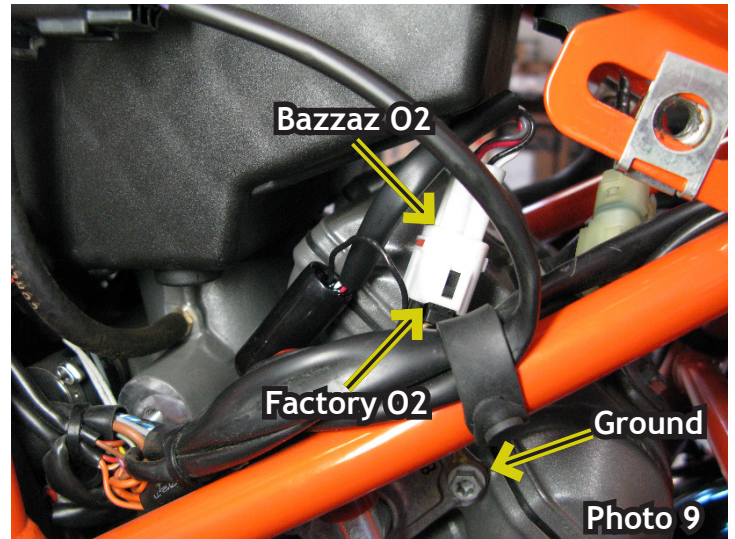
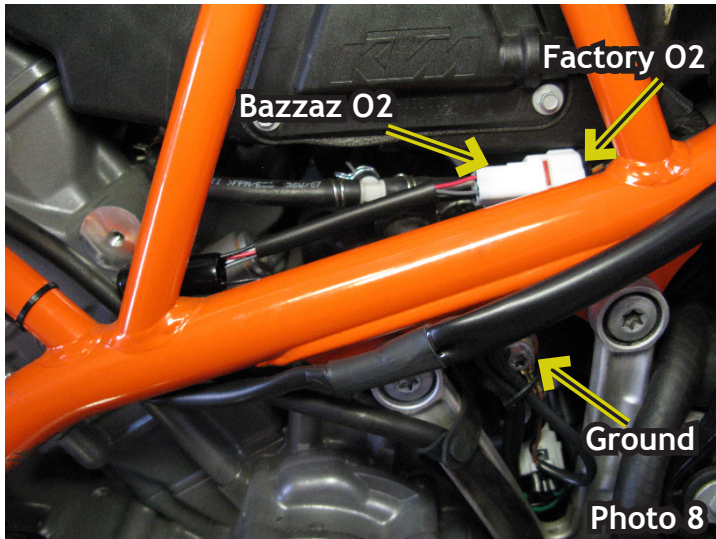
7. Now connect the Bazzaz ground lug to a chassis ground (photo 6).



8. Remove right side radiator fan. Connect the Bazzaz injector and TPS 16 pin gray connector inline with the factory 16 pin grey connector. Re-install the radiator fan (photo 7).



9. Unplug factory O2 sensors and install Bazzaz O2 eliminators. Make sure you install the O2 ground lug to a good chassis ground (photos 8 & 9).



10. Now that the installation is complete, take a moment to secure the Bazzaz harness along its routing path with the supplied cable ties. Reinstall the components removed in step one of these instructions.

The Bazzaz 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 the 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.

