



2011 Husqvarna 310 TE Z-Fi MX Installation Instructions
P/N F1130

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 Patch

3/8 Hose Clamp

Scotchlok (2)

Stickers

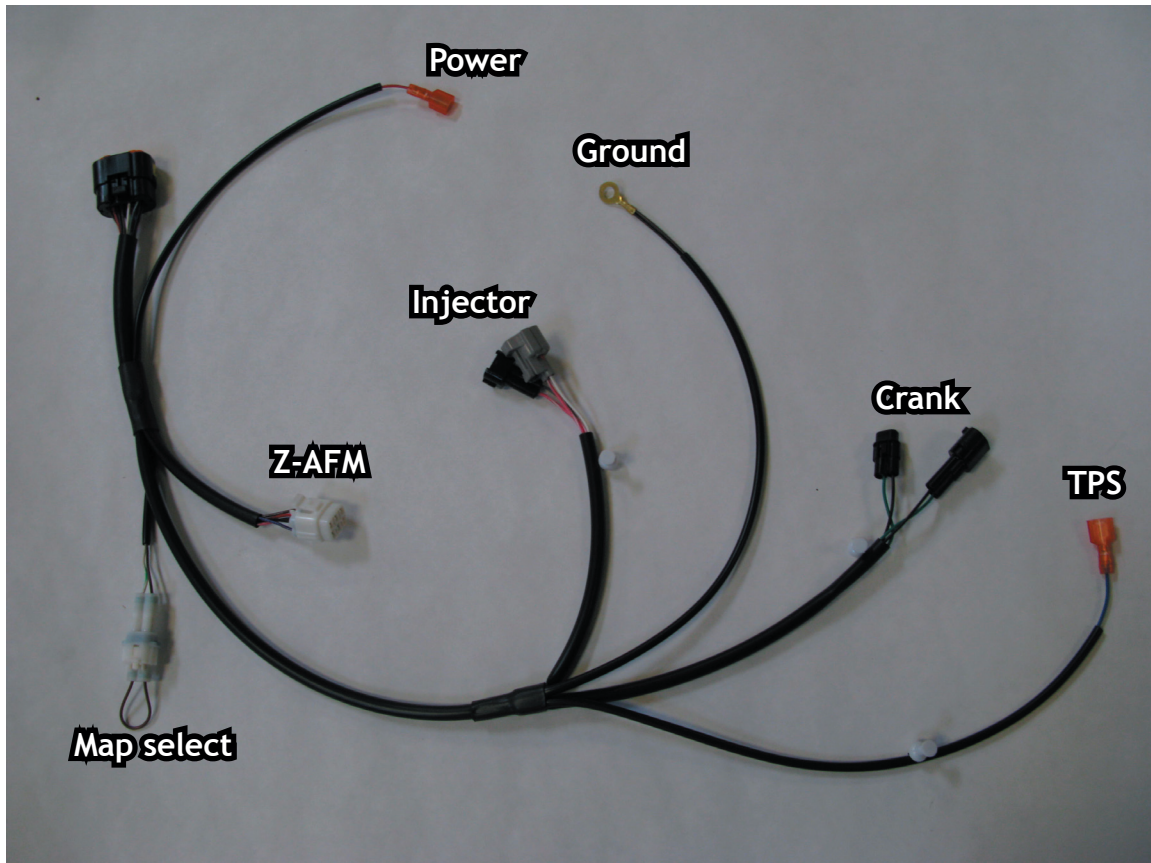


* The fuel map supplied with this product has been generated in order to obtain maximum performance. In doing so the factory ECU map switch was set to map 1, the throttle stop removed, factory O2 sensor bypassed and a aftermarket exhaust fitted. For best results it is recommended that you perform these same modifications. If you chose to operate your vehicle in a different state of tune, including but not limited to selecting a alternative factory ECU base map, adjusting the Bazzaz fuel map may be required to compensate and allow the full performance potential of the vehicle to be obtained.

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.

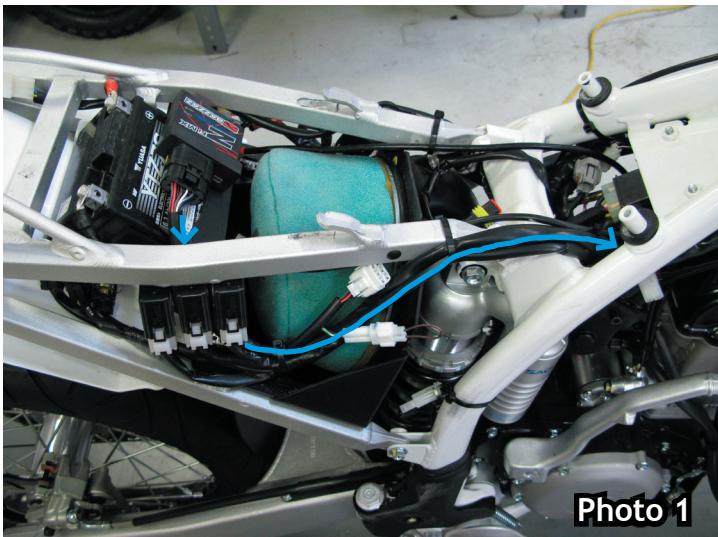
To create the ideal map(s) we recommend using the optimal Z-AFM self-tuning module

BAZZAZ HARNESS CONNECTOR IDENTIFICATION



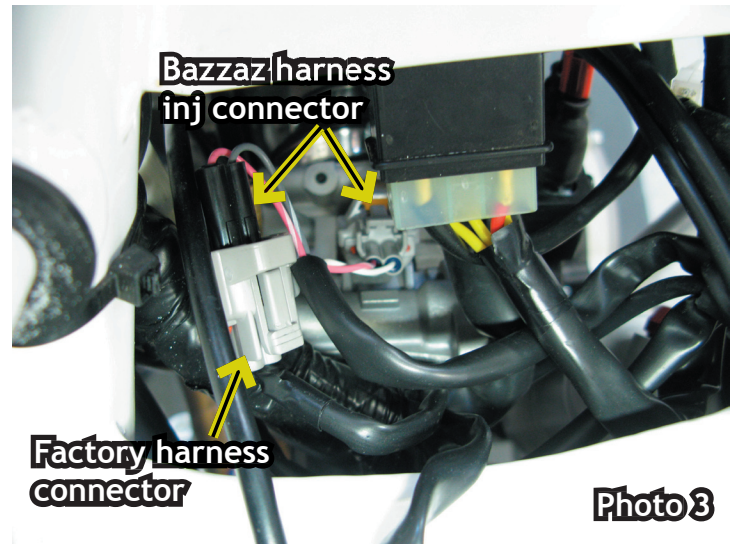
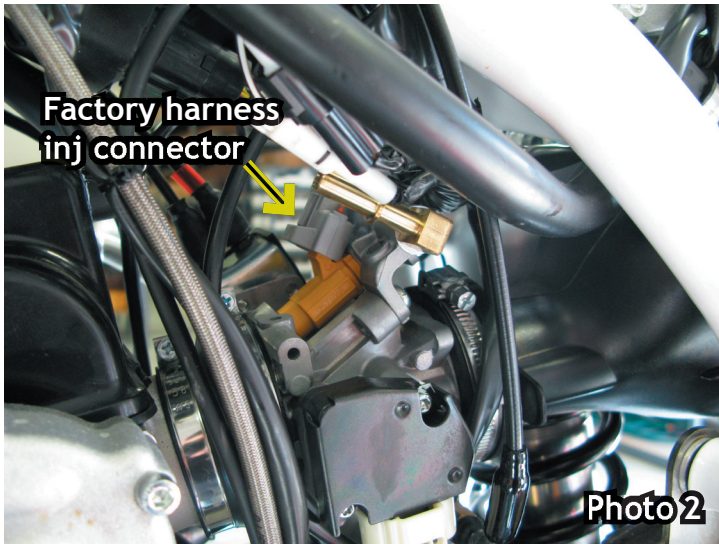
1. In order to gain access to all necessary components for this installation remove the seat, rear side panels, radiator shrouds and fuel tank. **Note: In addition to disconnecting the fuel hose that connects the tanks fuel pump to the throttle body the 310TE is equipped with a cross over hose which connects the sump on both sides of the fuel tank together. One of the hose clamps must be cut to remove the fuel tank completely. A replacement hose clamp is supplied with the kit for use when reinstalling the tank.**

2. Use the supplied Velcro patch to attach the control unit to the battery. Attach the main connector of the Bazzaz harness to the controller and begin routing the remainder of the harness to the engine following along the path of the factory harness (photo 1).

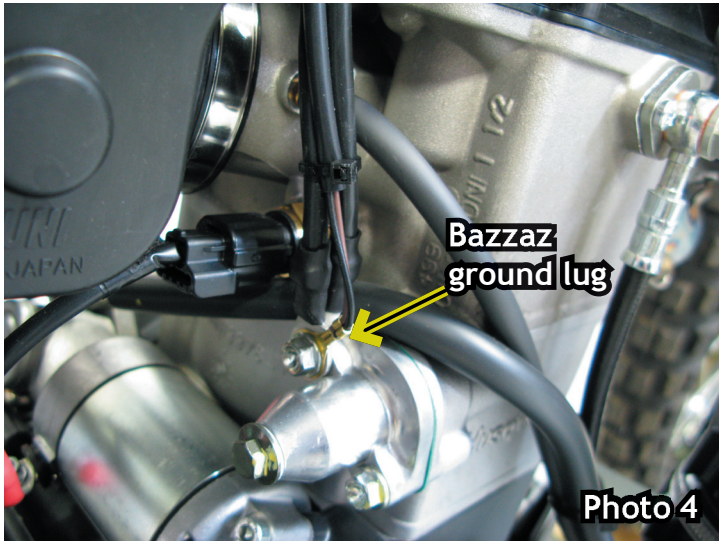


Bazzaz harness routing shown in blue

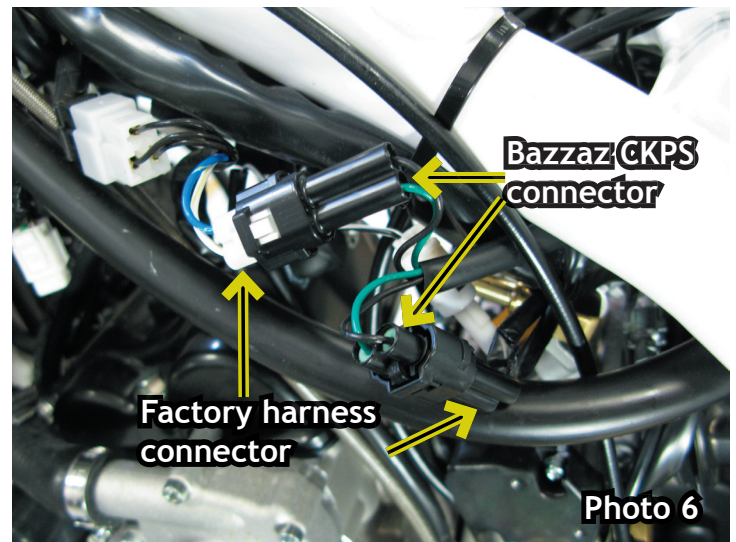
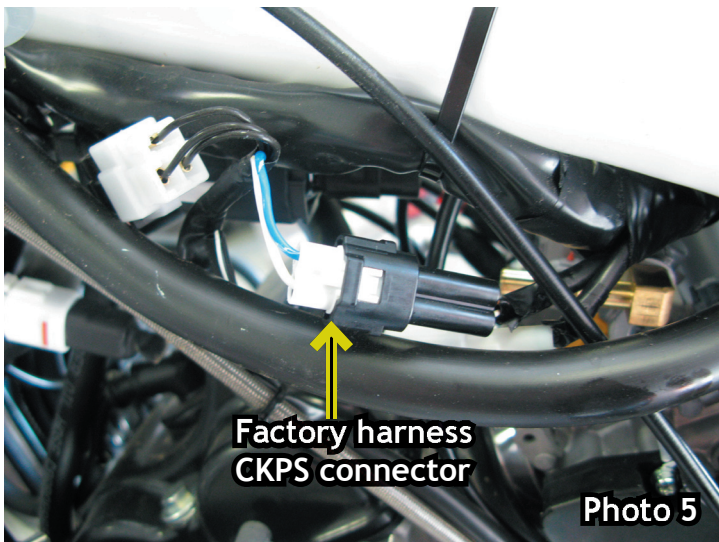
3. Disconnect the factory harness from the injector and connect the mating Bazzaz injector connectors inline (photos 2 & 3).



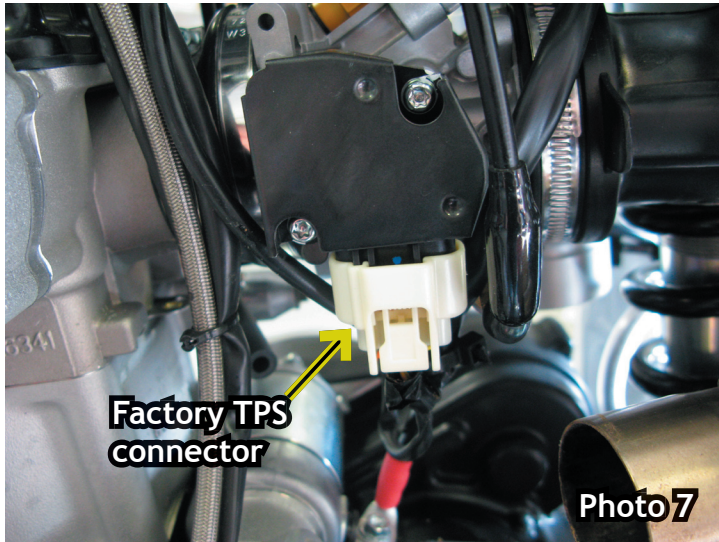
4. Attach the Bazzaz harness ground lug to the engine at the cam chain tensioner along with the factory harness ground (photo 4).



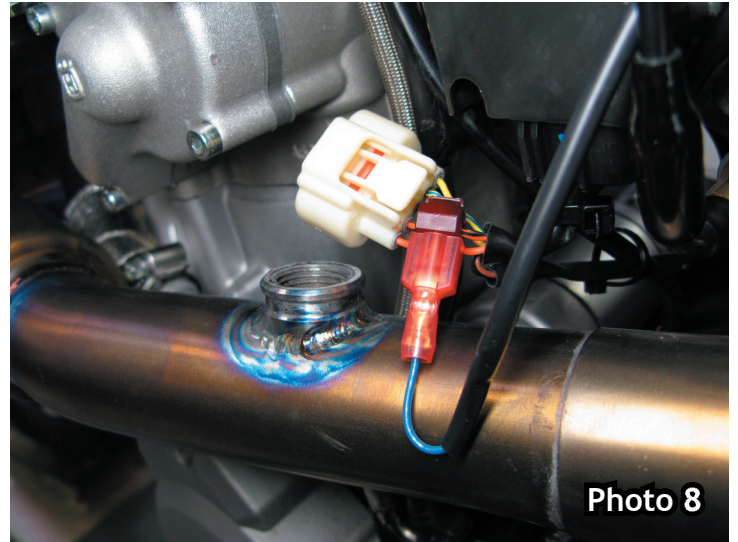
5. Disconnect the factory harness crank position sensor connectors and connect the mating Bazzaz harness "CKPS" connectors inline (photos 5 & 6).



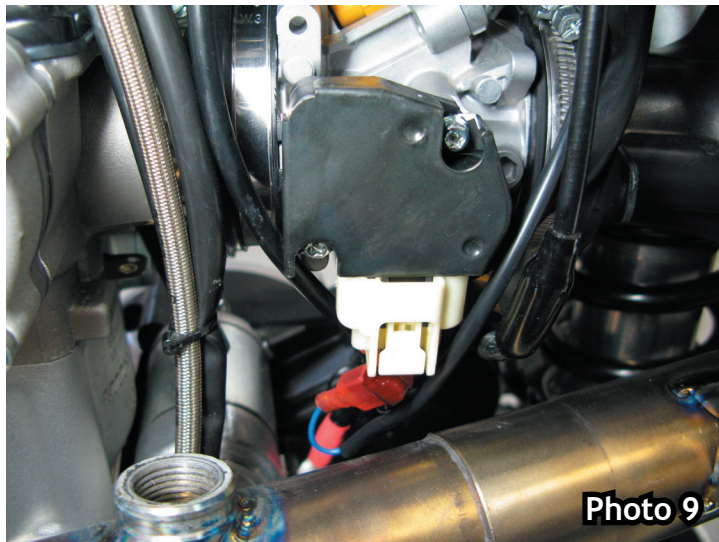
6. Locate the factory harness throttle position sensor connector which can be found on the left side of the throttle body. Disconnect it from the throttle body, pull back the harness insulation to reveal the individual wires. Identify the signal wire which is **orange/black**. Crimp one of the supplied scotch lok connectors onto this wire. Then insert the T-tap connector attached to the blue wire of the Bazzaz harness. Reconnect the factory connector to the throttle body (photos 7, 8 & 9).



Stock

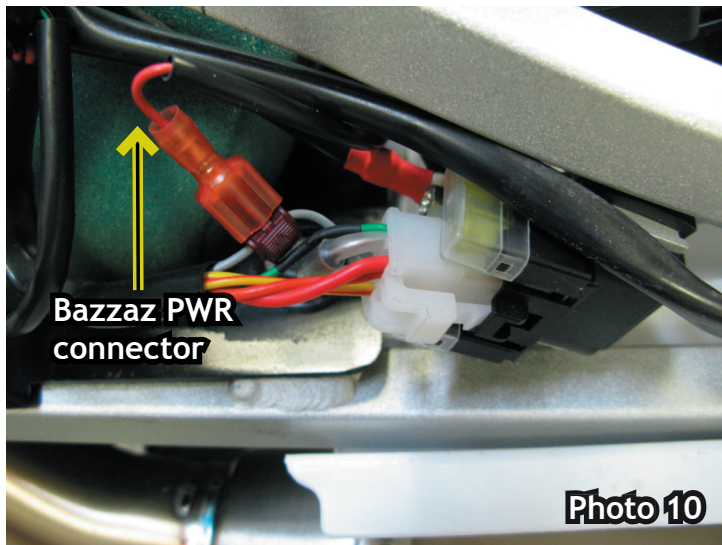


Bazzaz connected to factory orange/black wire

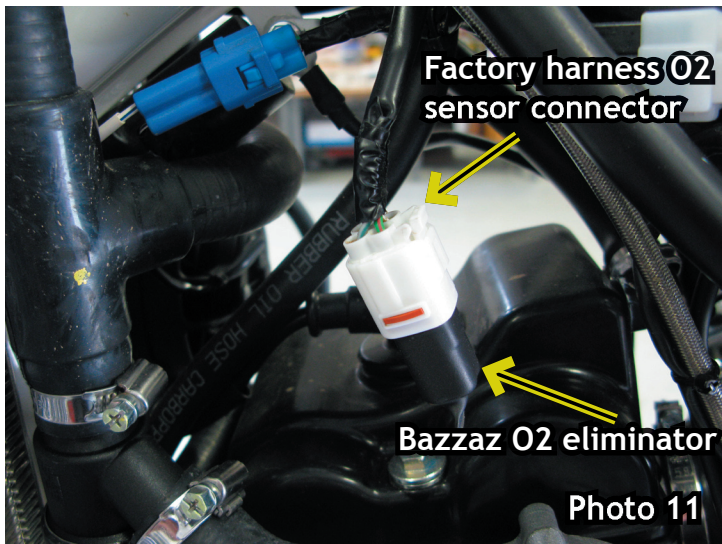


Bazzaz TPS installed

7. Locate the starter relay which can be found attached to the left side of the rear sub-frame. Identify the gray wire of the factory harness and crimp one of the supplied scotch lok connectors onto this wire. Then insert the T-tap connector attached to the red wire of the Bazzaz harness. This connection will supply the Bazzaz controller with the necessary switched 12 volts required to power the system (photo 10).



8. The 310TE is equipped with a lambda/O2 sensor. This sensor must be bi-passed through the use of a O2 eliminator supplied with the kit. Disconnect the factory harness from the sensor. Install the Bazzaz O2 eliminator in place of the factory sensor. Be sure to secure the eliminator and factory sensor lead away from any hot or moving components which could cause damage to the components (photo 11).



9. 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 seperately. Or these maps can be selected by connecting or disconnecting the map select jumper supplied with the kit. When the map selet 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.

