

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

HONDA NC700X, 2012-2013 F380 FUEL CONTROL

1 > READ

WARNINGS > INSTALLING



- We strongly suggest that an experienced technician install this product.
- Read through all instructions before beginning installation.
- This document is intended for use by qualified technicians.
- This is not a replacement for the factory Engine Control Unit (ECU).
- Refer to a factory service manual for more specific stock component identification/location information and removal/assembly procedures.

WARNINGS > USING



- Use only in race or other closed-course applications and never on public roads.
- Z-Fi products are not certified by the California Air Resource Board (CARB) for use on CA highways.

GETTING HELP



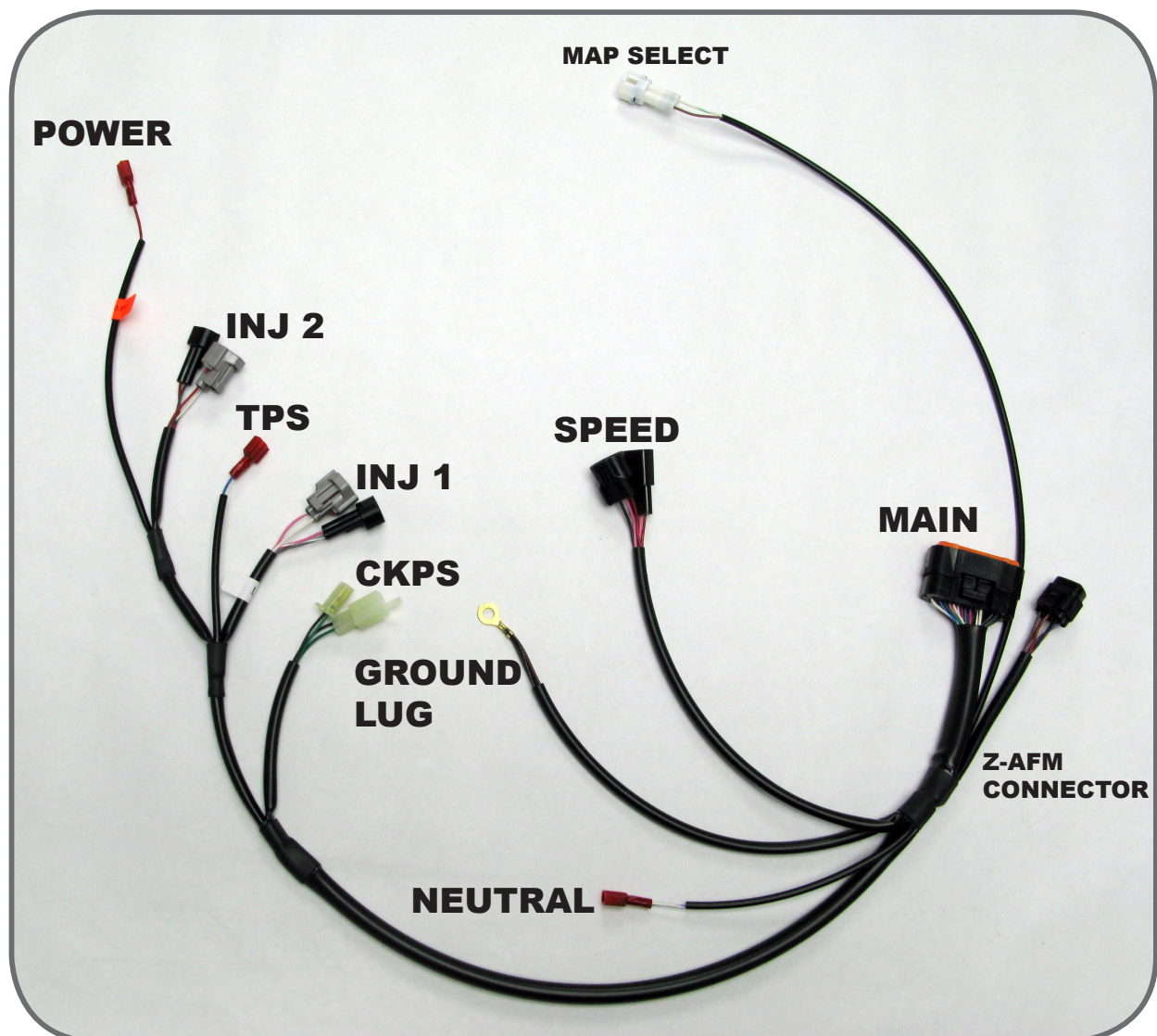
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. USB cable
4. Scotchlok (3)
5. Zip ties
6. Velcro

FUEL HARNESS

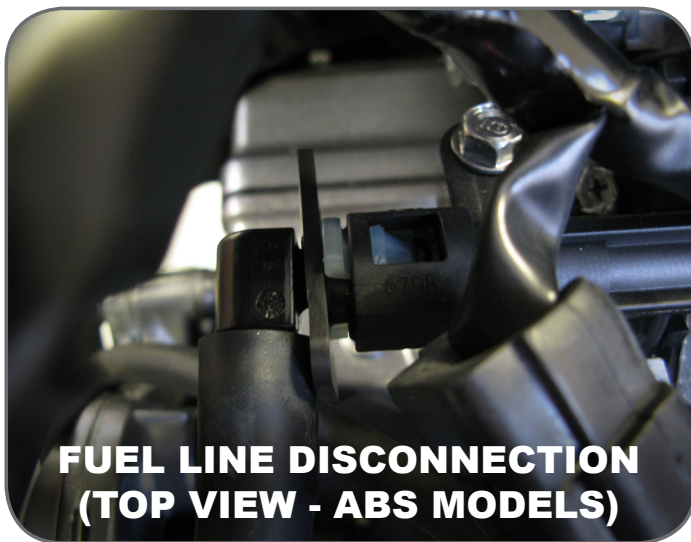


3>REMOVE

1. Rider seat
2. Left & right side fairings
3. Storage compartment (including all small attached fairings)
4. Battery box
5. Airbox

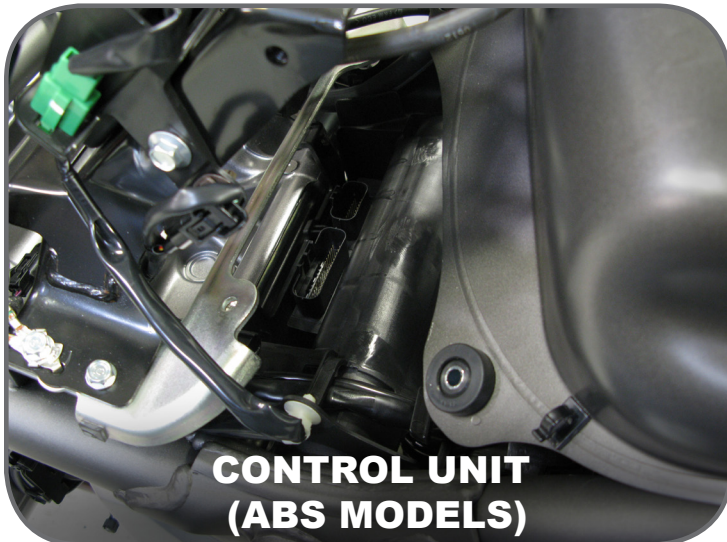
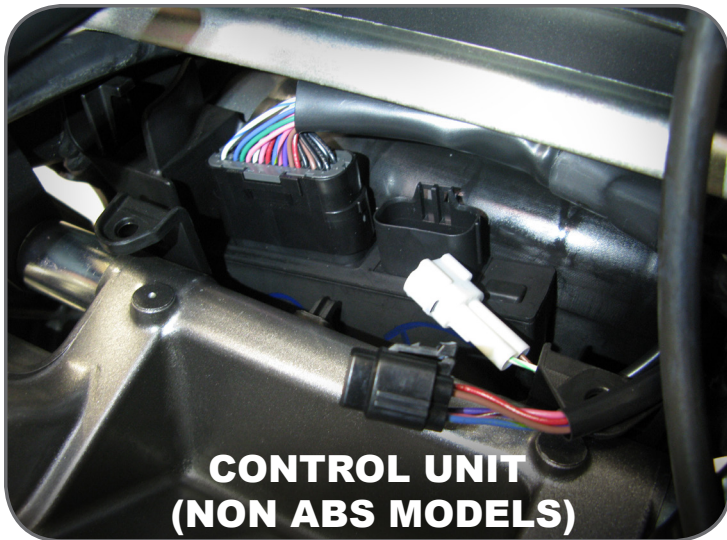
ABS MODELS ALSO REMOVE THE FOLLOWING:

1. Remove the passenger seat.
2. Loosen the tail section fairings and begin to free the gas tank (so it can be slid up and back enough to secure the control unit in place).
3. You must disconnect the factory fuel line from the fuel rail and all secure points to free the gas tank.



4>SECURE

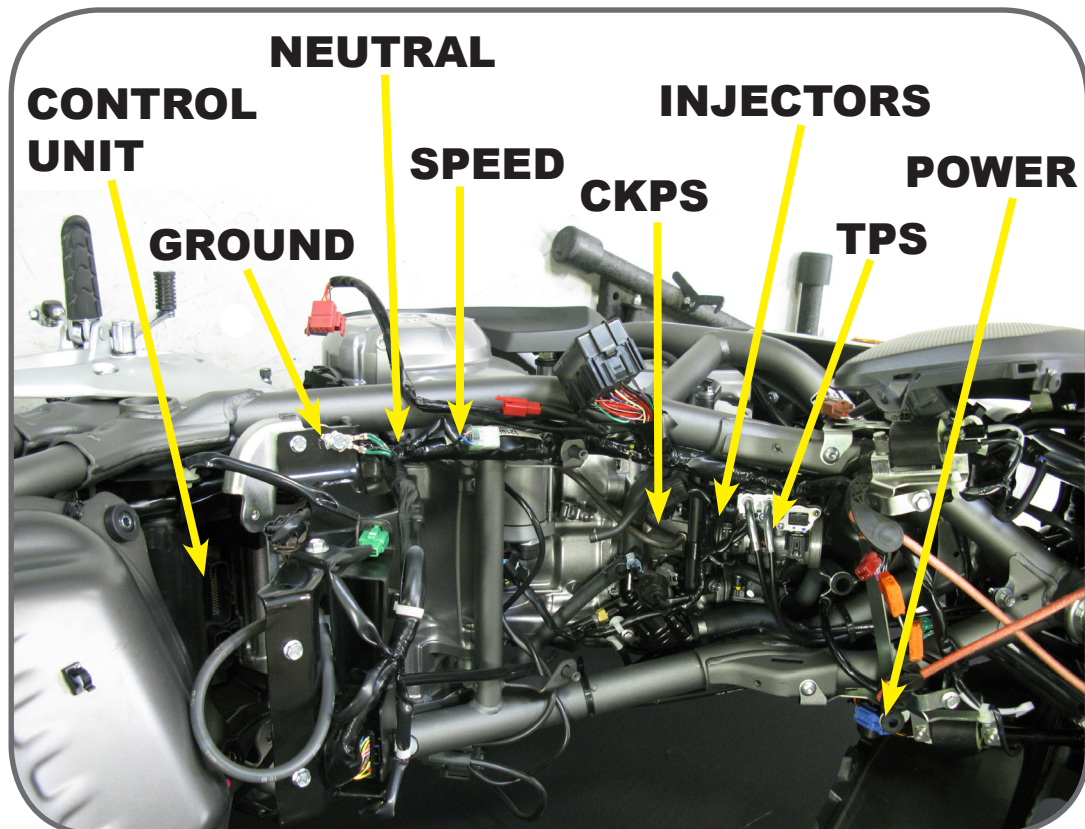
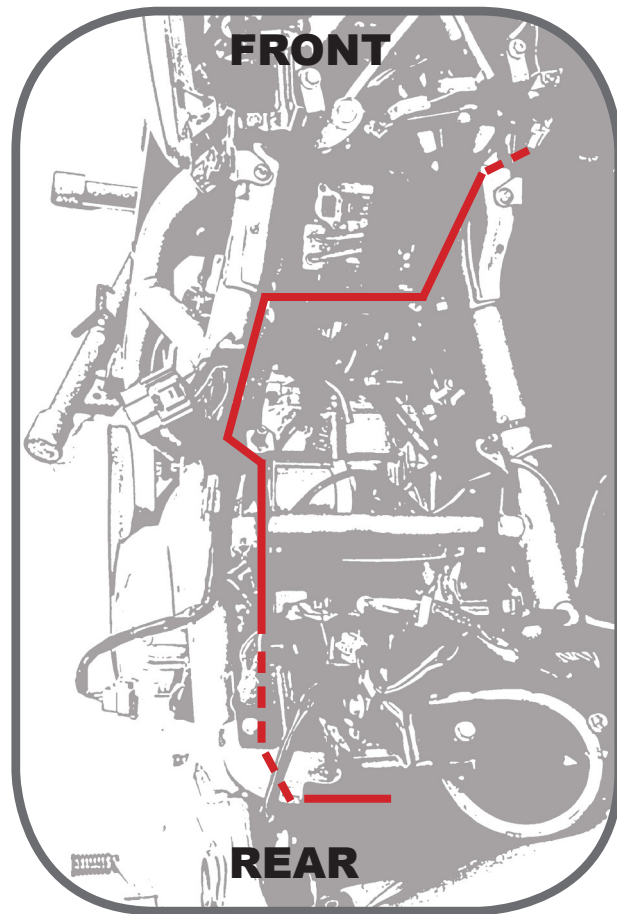
1. Mount the control unit in the factory plastic tray, securing it with the Velcro provided.



5>CONNECT

5.1

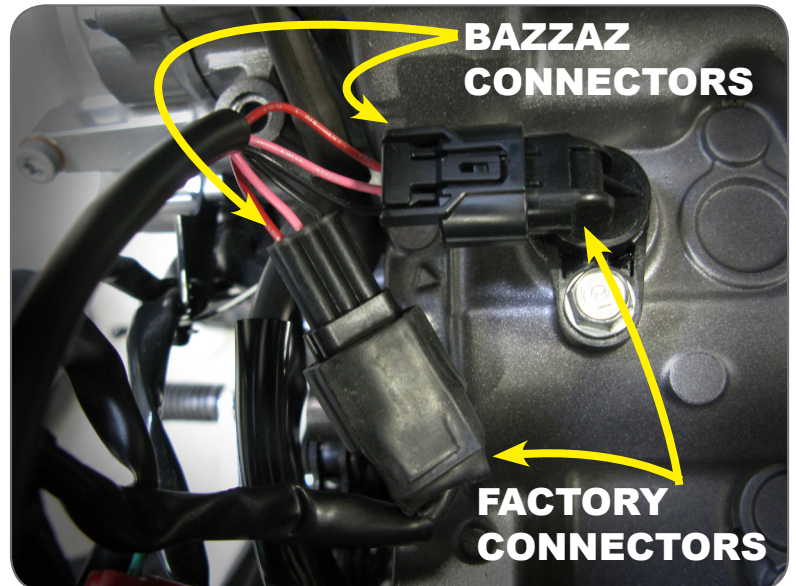
1. Connect the main connector of the Bazzaz fuel harness to the control unit.
2. Begin routing the harness forward, along the left side frame rail.



5>CONNECT (CONT.)

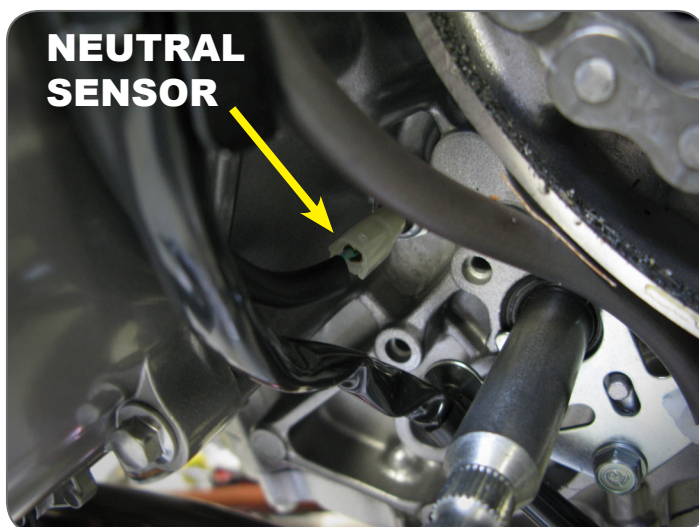
5.2

1. Locate the factory speed connectors, which can be found on top of the crankcase and on the left side (covered by a black rubber boot).
2. Disconnect the factory speed connectors.
3. Connect the Bazzaz speed connectors in-line with the factory connectors.



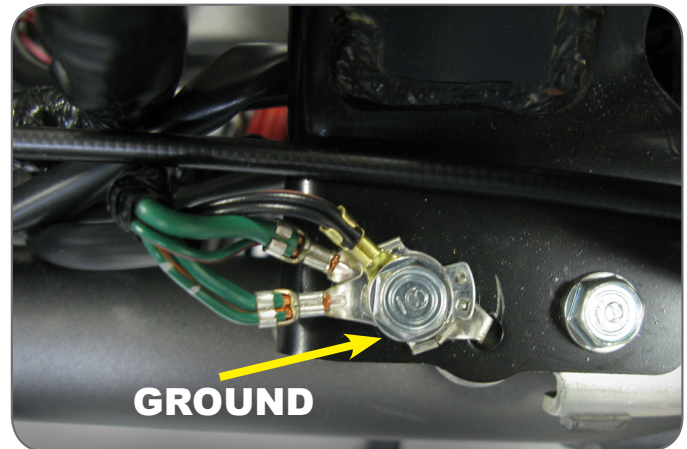
5.3

1. Locate the factory neutral sensor (has light green wire), which can be found behind the front sprocket cover and near the shift shaft.
2. Follow the wire from the sensor to just before the main harness.
3. With caution, use a razor blade to open the sheathing just enough to expose the light green wire of the factory neutral sensor.
4. Crimp a supplied Scotchlok onto the **light green** wire.
5. Insert the Bazzaz neutral connector into the Scotchlok.



6>GROUND

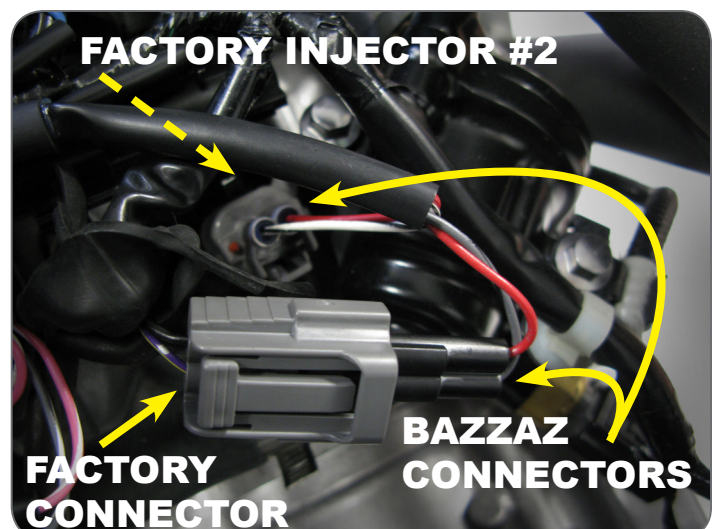
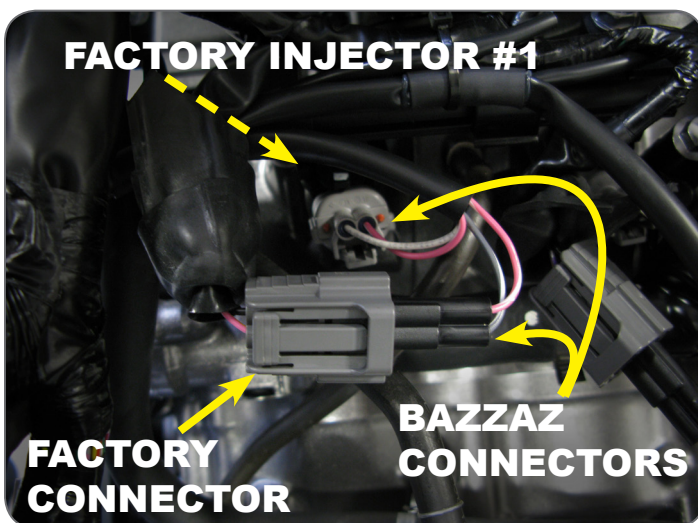
1. Locate the factory ground, which can be found near the factory speed sensor, along the rear storage mounting bracket.
2. Unbolt the factory 10mm bolt.
3. Install the Bazzaz ground lug.
4. Reinstall the factory ground bolt.



7>CONNECT

7.1

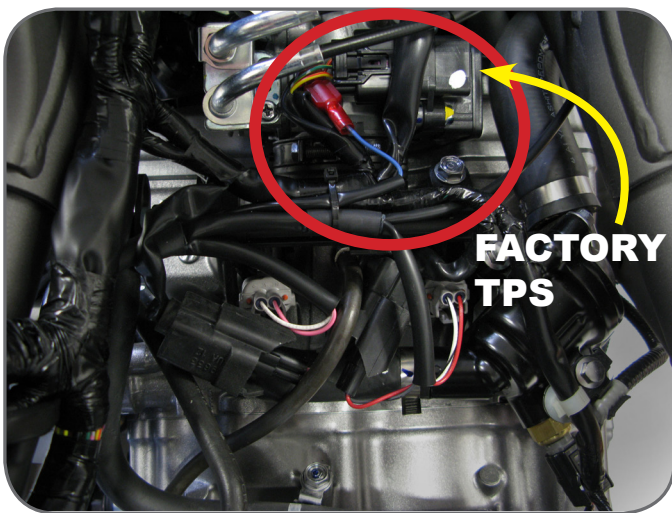
1. Continue routing the harness forward, towards the factory injectors which will have a black rubber boot covering them.
2. Disconnect the factory connectors from the two injectors. Left is injector #1 and right is injector #2.
3. Connect the Bazzaz injector #1 connectors in-line, between the factory injector #1 and connector.
4. Repeat process for injector #2.



7>CONNECT (CONT.)

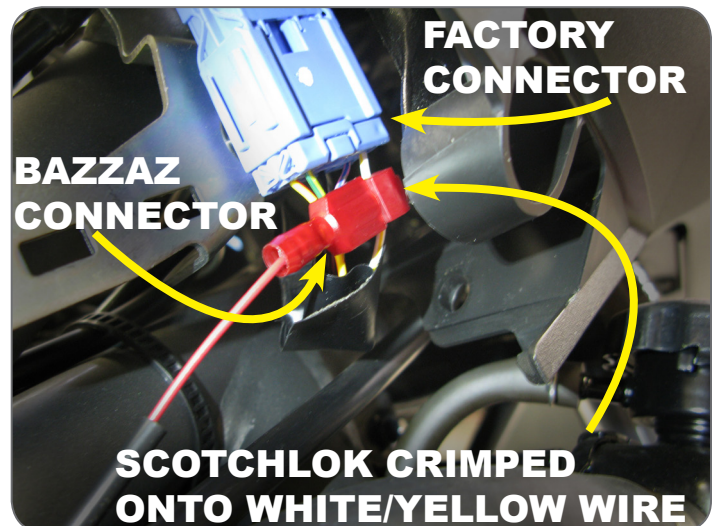
7.2

1. Locate the factory Throttle Position Sensor (TPS) and connector, which is centered above the factory injectors.
2. Disconnect the factory TPS connector from the sensor.
3. Separate the red/yellow wire of the TPS connector from the other wires.
4. Crimp a supplied Scotchlok onto the **red/yellow** wire.
5. Insert the Bazzaz TPS connector into the Scotchlok.
6. Reconnect the factory TPS connector to the sensor.



7.3

1. Route the remaining Bazzaz +12V switched power lead to the right side of the bike and up to the right handle bar switch connector (blue connector), found on the outside of the frame.
2. Separate the white/yellow wire of the handle bar switch connector from the other wires.
3. Crimp a supplied Scotchlok onto the **white/yellow** wire.
4. Insert the Bazzaz +12V switched power connector into the Scotchlok.



9>CHECK



1. In order to check that the system is installed correctly, download the Bazzaz Z-Fi Mapper software at bazzaz.net.
2. Plug the USB cable into the control unit and computer.
3. Locate and open the Z-Fi Mapper software.
4. Check that the pre-programmed map matches the model of your bike on the fuel map page within the software. This is done by switching from map 1 to map 2 by unplugging the map select jumper on the Bazzaz fuel harness. Map 1 will be pre-programmed and, depending on your model, there may be a pre-programmed map in the map 2 slot. Make sure that the jumper is left plugged in or unplugged, depending on which map you choose. If map 2 is blank, stock ECU settings are used.
5. Start the vehicle and begin to check that the following inputs read correctly on the fuel map page. Use precaution when testing componentry. It's not necessary to put vehicle in gear while under load.
 - RPM - Make sure that the RPM is reading near what the vehicle is idling at.
 - GPS - The vehicle should read neutral (or whichever gear it is in).
 - TPS - When throttle is applied, the TPS should read accordingly.

Use software to also:

- View and/or make adjustments to fuel maps
- Activate Z-AFM self mapper (sold separately)
- Save and load new fuel maps
- Re-calibrate throttle position sensor after throttle modifications
- View diagnostics for troubleshooting
- Change quickshift settings
- Make traction control adjustments



If any problem is found, please carefully follow through the installation steps again.



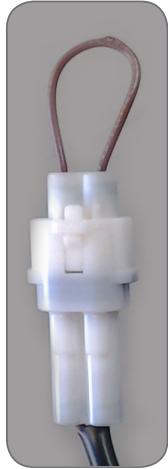
If problem still persists, please contact Bazzaz tech support

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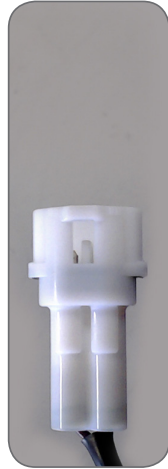
10>REINSTALL

After it is determined that everything is correct, reinstall the components removed in step 3.

11>USE



MAP 1



MAP 2

MAPS

The Bazzaz controller is capable of storing two maps.

Switch maps by connecting or disconnecting the map select jumper supplied with the kit.

Or use the optional handlebar-mounted switch to switch maps on the fly (sold separately).

12>NEXT LEVEL

MAP SELECT SWITCH

Purchased separately.

79.95

Switch maps on the fly with this handlebar-mounted switch. Weatherproof toggle and easy installation.



Z AFM SELF MAPPER

Purchased separately.

Build race-level fuel maps for your specific modifications, fuel type, engine, and atmospheric conditions simply while riding.

O2 sensor mounts into exhaust and control box easily plugs in to any Bazzaz Z-Fi product.

299.95

>NOTES

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THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

F380