INSTALLATION INSTRUCTIONS

BAZZAZ

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Z-Fi FUEL MANAGEMENT

POLARIS XP1000 | 2015
F515

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.

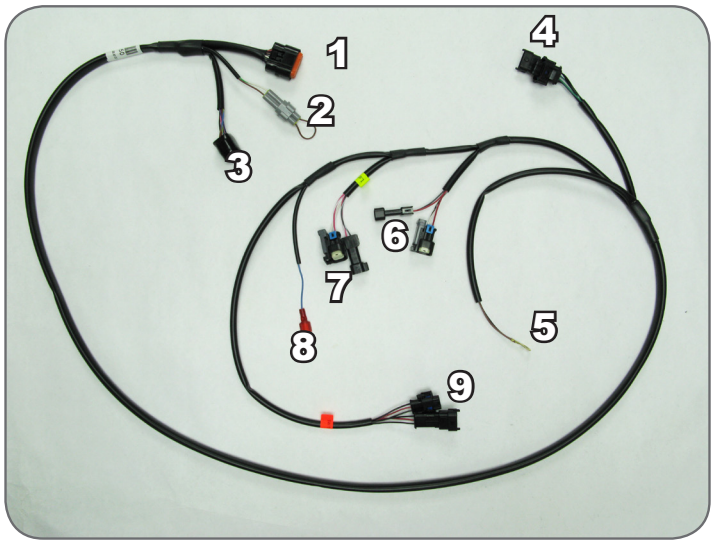
2>IDENTIFY

INCLUDED PARTS

1. Z-Fi control unit
2. Fuel harness
3. Scotchlok (2)
4. O2 Stabilizer
5. USB cable
6. Swingarm stickers
7. Velcro
8. Download Bazzaz software from bazzaz.net/index.php/software-overview

FUEL HARNESS

1. Main
2. Map Select
3. ZAFM
4. CKPS
5. Ground
6. Injector 1
7. Injector 2
8. TPS
9. 12v Sw. Power



3>REMOVE

1. Right rear passenger seat
2. Inspection panel in the bed of the car

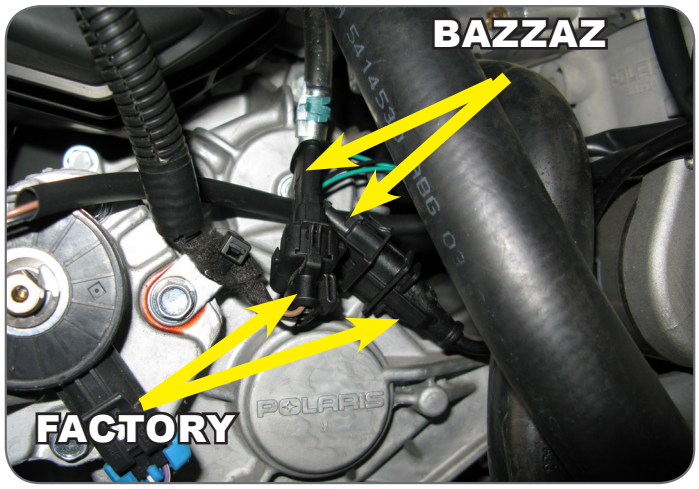
4>SECURE

1. Secure the Bazzaz control unit beneath the right rear passenger seat.
2. Connect the fuel harness to the control unit and begin to route the harness along the frame rails away from any hot or moving components.
3. Continue routing the harness along the factory harness towards the motor.

5>CONNECT

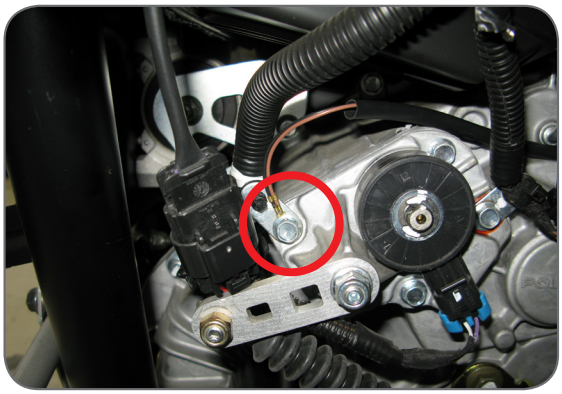
5.1

1. Locate the factory three pin CKPS connector on the right hand side of the bike.
2.. Disconnect the factory CKPS connectors and install the Bazzaz CKPS connectors inline.



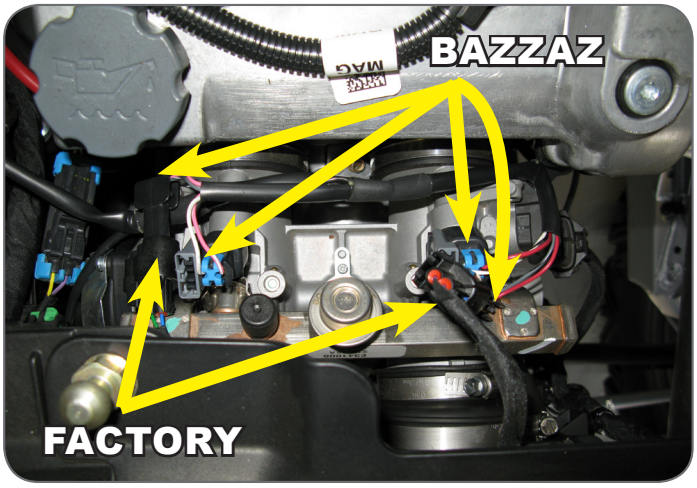
5.2

1. Connect the Bazzaz ground lug to a suitable 8mm chassis ground bolt.



5.3

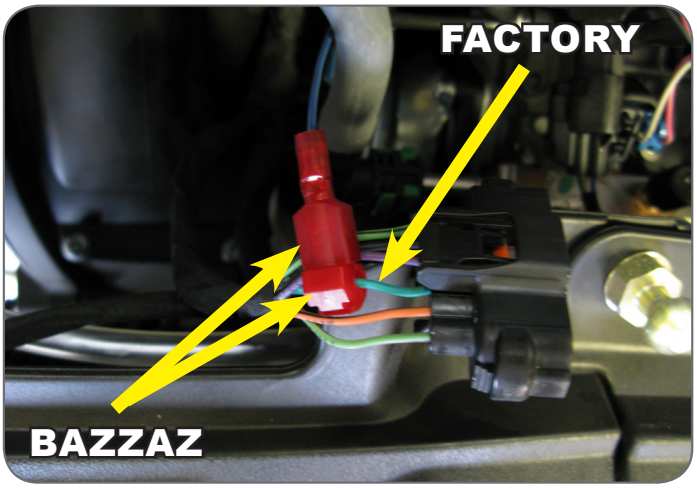
1. Route the remaining Bazzaz harness up towards the top of the throttle bodies.
2. Locate the factory injector connectors.
3. Disconnect the injector connectors and install the Bazzaz injector connectors inline.



5>CONNECT (CONT.)

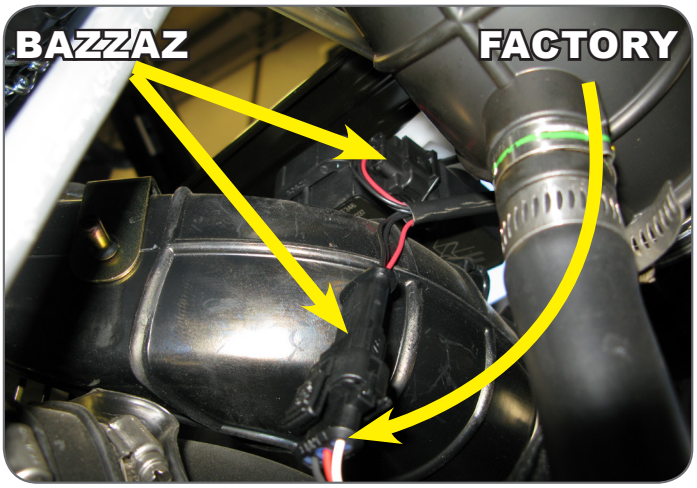
5.4

1. Locate the factory TPS connector, which can be found on the left hand side of the throttle body beneath the airbox.
2. Disconnect the factory TPS connector and separate the factory green wire.
3. Using the supplied scotchlok crimp onto the factory green wire and connect the Bazzaz TPS connector.
4. Reinstall the factory TPS connector.



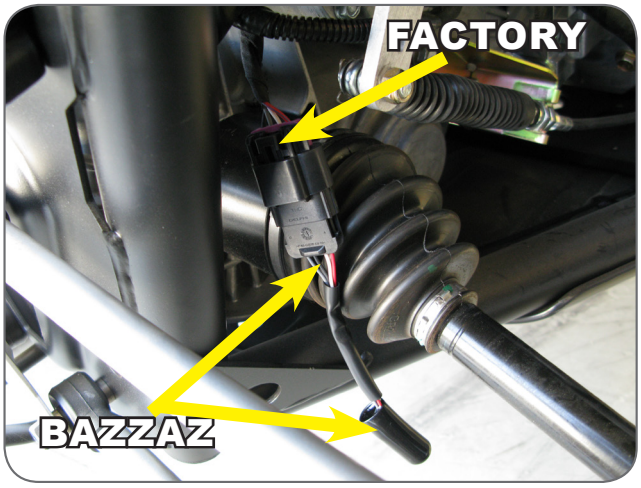
5.5

1. Locate the factory coil connector, which can be found on the left hand side of the car near the throttle bodies.
2. Disconnect the factory coil connector and install the Bazzaz coil connectors inline.



6>O2 STABILIZER

1. Locate the factory O2 sensor connector, which can be found by tracing the wires from the O2 sensor.
2. Disconnect the factory O2 sensor and install the Bazzaz O2 stabilizer.
3. Secure the leads away from any hot or moving parts using the supplied zip ties.



7>SECURE

Use the supplied cable ties to secure the harness neatly along the routing path free of any moving or hot components (which could cause damage or failure of the system).

8>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. You can switch from map 1 to map 2 by unplugging the map select jumper on the Bazzaz fuel harness. Map 1 will be pre-programmed; depending on your model, there may be a pre-programmed map in the map 2 slot. If map 2 is blank, stock ECU settings are used. Make sure that the jumper is left plugged in or unplugged, depending on which map you choose.
5. Start the vehicle and begin to check that the following inputs read correctly on the fuel map page.

- 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). For motorcycles that use a Gear Position Sensor, the bike does not need to be running to do this. For motorcycles that use a speed sensor, the wheel must be spinning to read gear properly. This can be checked on a dynamometer or by using a rear stand. Use caution when testing componentry.
- TPS - When throttle is applied, the TPS should read accordingly. Fly-by-wire models must be running to check TPS. Normal cable operated throttles can be checked with just the key on, not running.

Also use software to:

- 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

- 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

9>REINSTALL

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

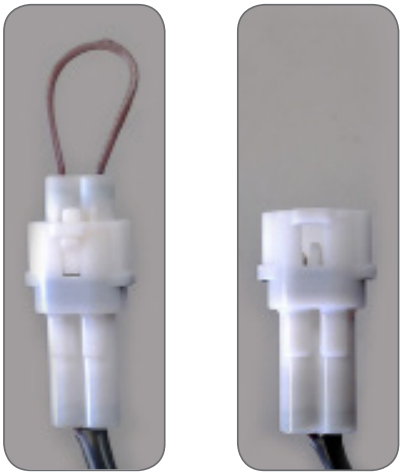
10>USE

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).



MAP 1 MAP 2

11>NEXT LEVEL

**Accessories purchased separately.

MAP SELECT SWITCH

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

79.95

Z AFM SELF MAPPER

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

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

F515