INSTALLATION INSTRUCTIONS

BAZZAZ®

UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

QS4 USB
STAND-ALONE QUICKSHIFT

KAWASAKI Z900/Z900RS | 2017-2018
Q494

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.
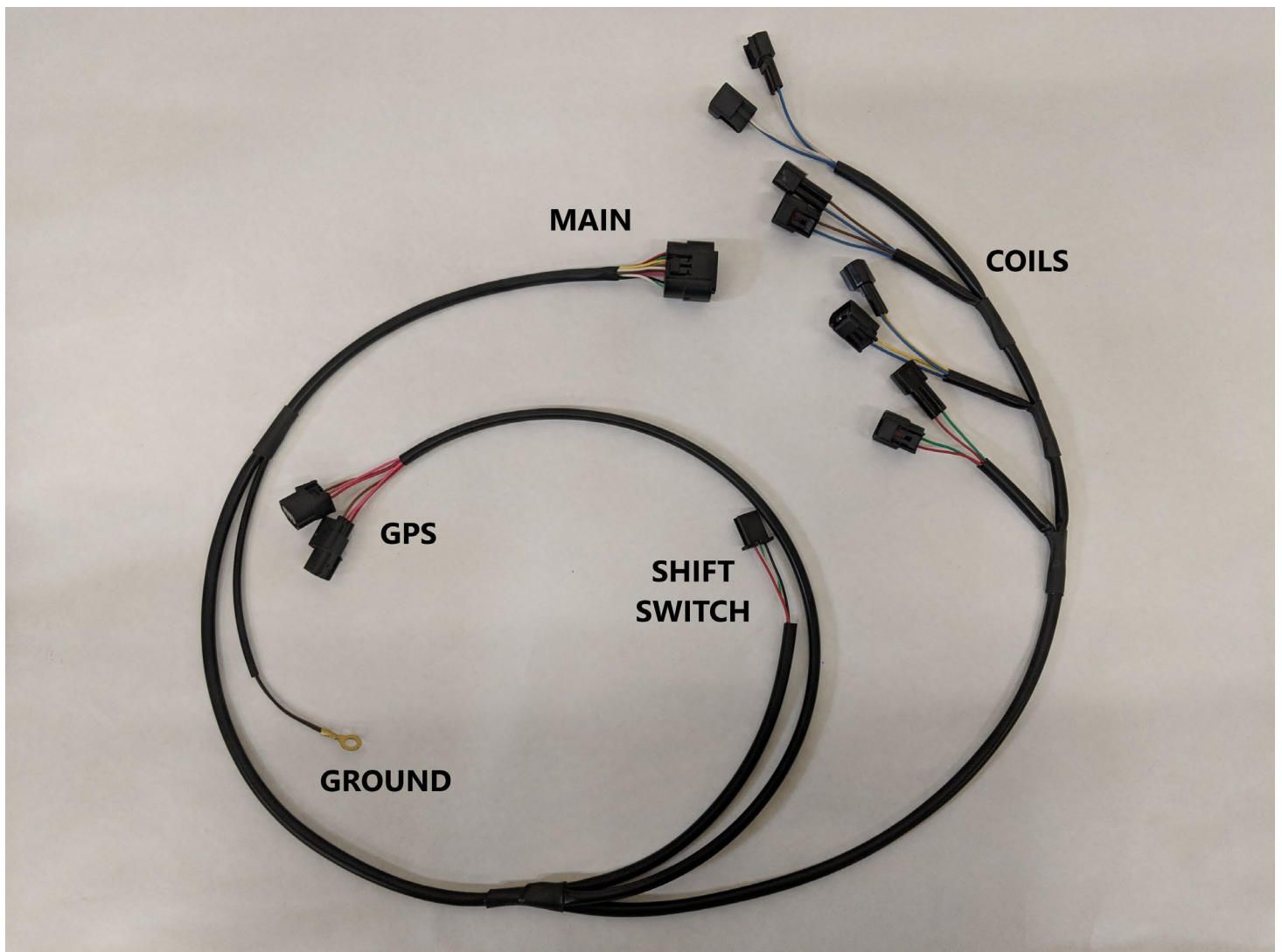
GETTING HELP

- 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. QS4USB control unit
2. QS4USB harness
3. Shift Switch
4. Shift Rod
5. USB cable
6. Zip ties
7. Velcro

QS4USB HARNESS

3>REMOVE

1. Seat
2. Left side panels
3. Right side panels
4. Air Box

4>ROUTE

1. Route the Bazzaz QS4USB harness towards the right side of the fuel tank and towards the coils.
2. Route the remaining connections towards where the battery is located behind the fuel tank.
3. Route the Bazzaz Gear Position Sensor towards the bottom of the front sprocket cover.
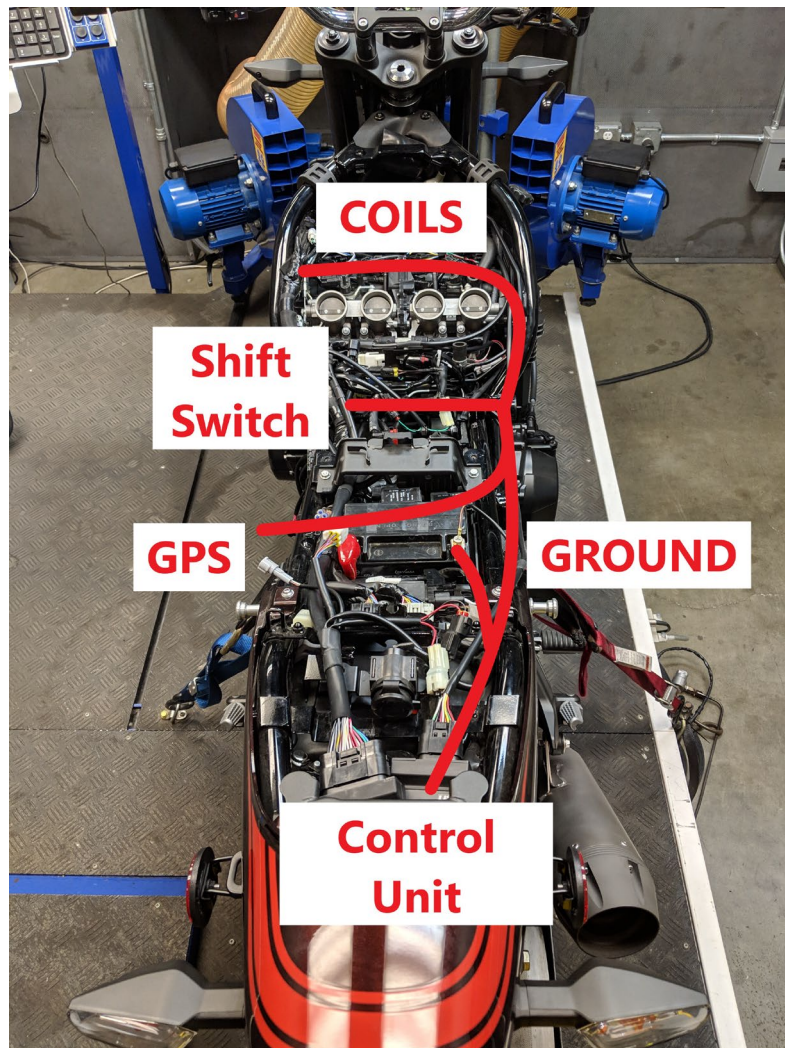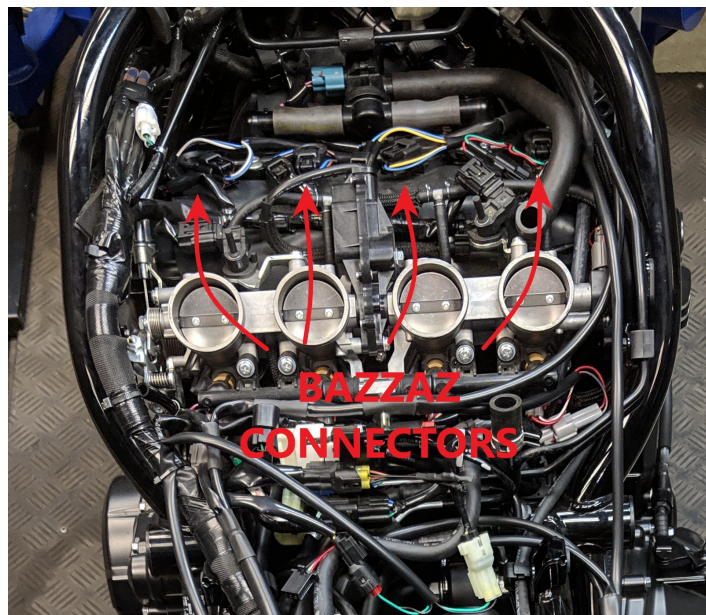
5>CONNECT

5.1

1. Locate the negative terminal on the battery under the seat section.
2. Remove the factory 10mm bolt.
3. Connect the Bazzaz ground lug with the negative terminal.
4. Replace factory bolt.
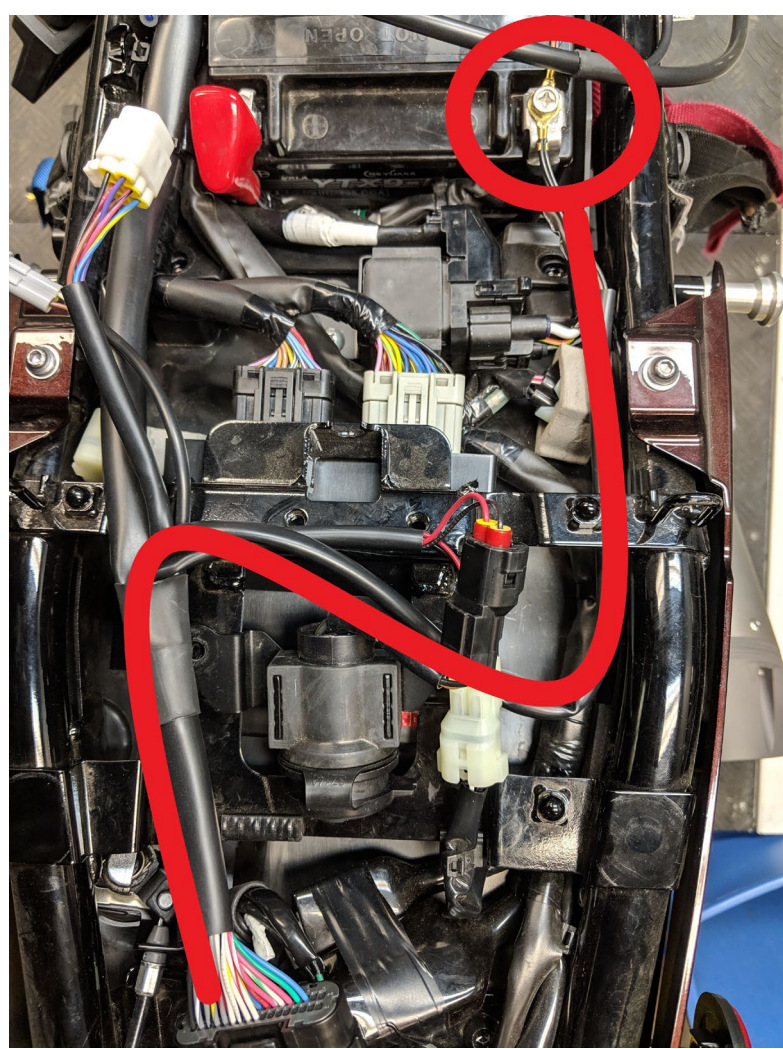
5>CONNECT

5.2

1. Connect the main connector of the Bazzaz coil harness to the control unit.
2. Route the Bazzaz coil harness along the right side of the Fuel Tank.
3. Locate the 4 factory coil connectors.
4. Disconnect the factory coil connector from the coil.
5. Connect the Bazzaz coil connectors in-line with the factory coil connector .

5>CONNECT

5.3

1. Locate the factory 3-Pin Gear Position Connector, which has a **GREEN**, **GREEN&RED** and a **LIGHT GREEN** wire.
2. The connector is located right below the front sprocket cover.
3. Connect the Bazzaz connectors in-line with the factory connectors.

Bazzaz Connectors

Factory Connector
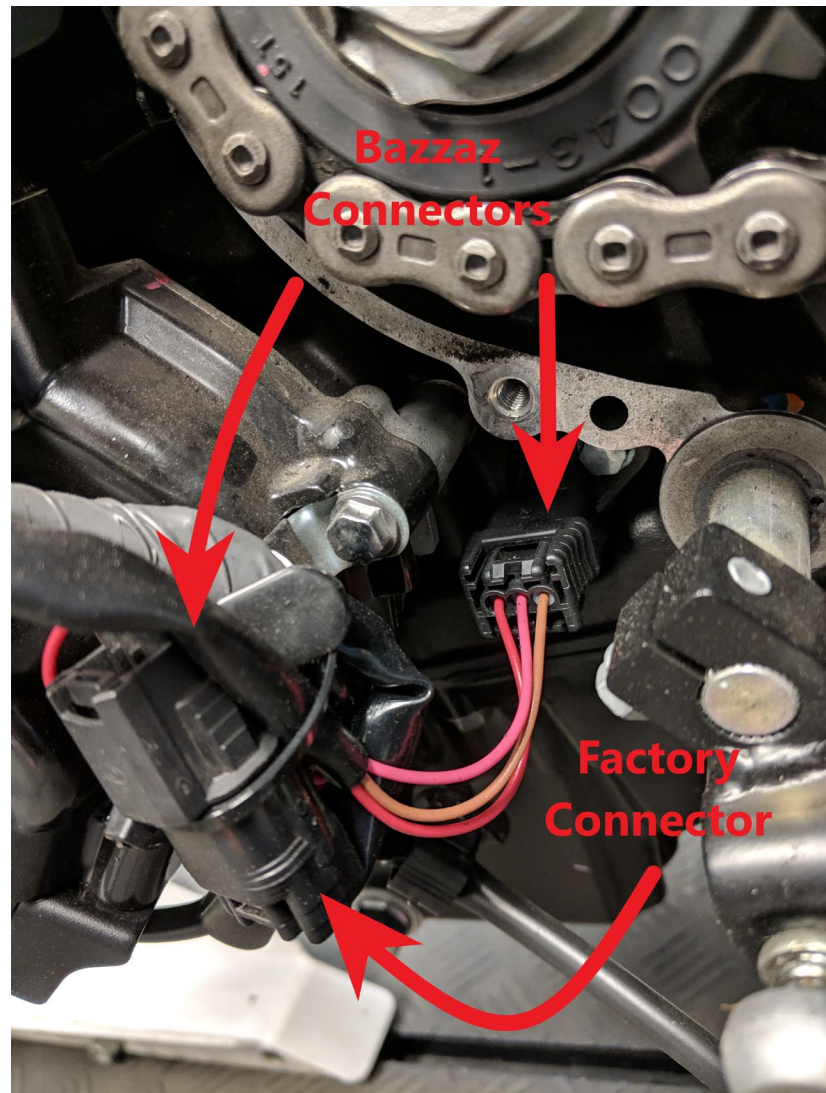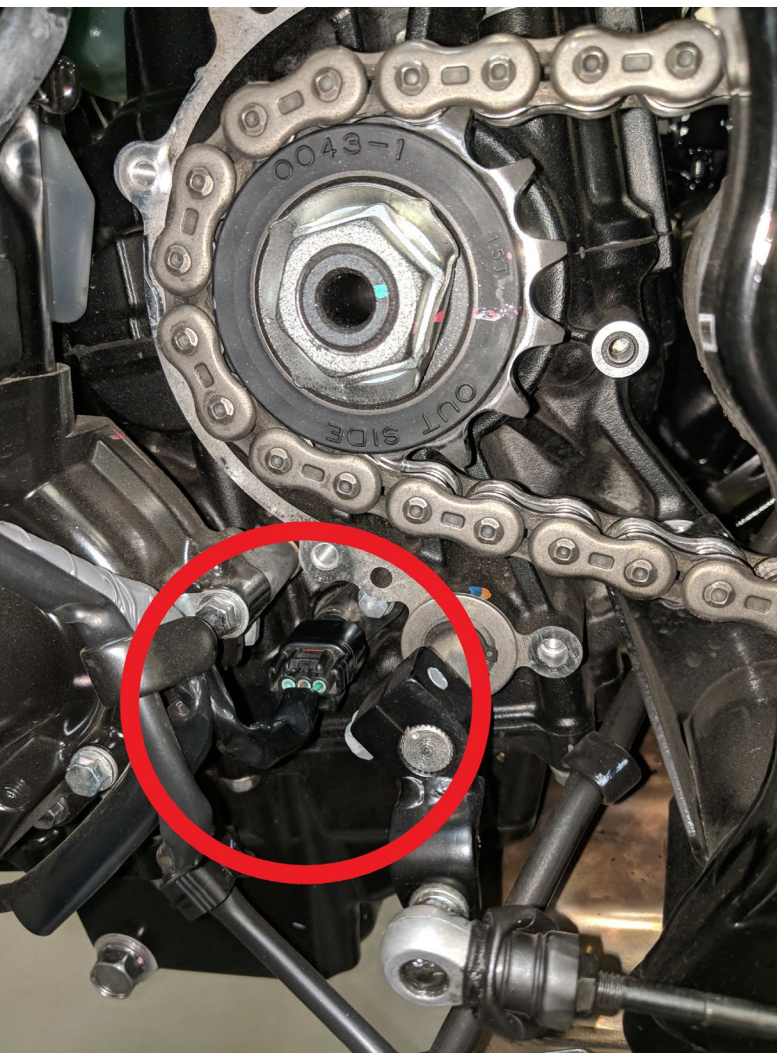
6>QUICKSHIFT

1. Shift Rod provided with the kit is for STOCK SET-UP ONLY. If after-market rear sets are installed, please measure the shift rod to the stock set-up and adjust the length accordingly.
2. The Shift Rod provided in the kit is 100mm is length. There are grooves alloted (10mm each) on the rod so that the length can be altered.
3. Cut 4 grooves (40mm) for the Z900.
4. Cut 6 grooves (60mm) for the Z900RS.
5. Route the Bazzaz shift switch connector to the mating connector of the Bazzaz coil harness and plug in-line.

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

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9>REINSTALL

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

10>NEXT LEVEL

**Accessories purchased separately.

SHIFT LIGHT (Sold Separately)

Illuminates white to identify pre-determined, optimal shift points.

Used to improve forward drive and momentum for faster drag passes and lap times.

Comes pre-programmed with suggested values that can be easily adjusted as desired.

*For use with the QS4 USB stand-alone quick shift only.

$129.99

BAZZAZ

POWER · INJECTED

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

Q494