INSTALLATION INSTRUCTIONS

BAZZAZ

UNLEASH.
THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

QS4 USB
QUICKSHIFT

YAMAHA FZ-09 2014
Q792

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 public lands.

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. QS4 USB
2. QS4 harness
3. Z-fi TC Maper Software (Download off Website)
4. USB cable
5. Zip ties
6. Velcro
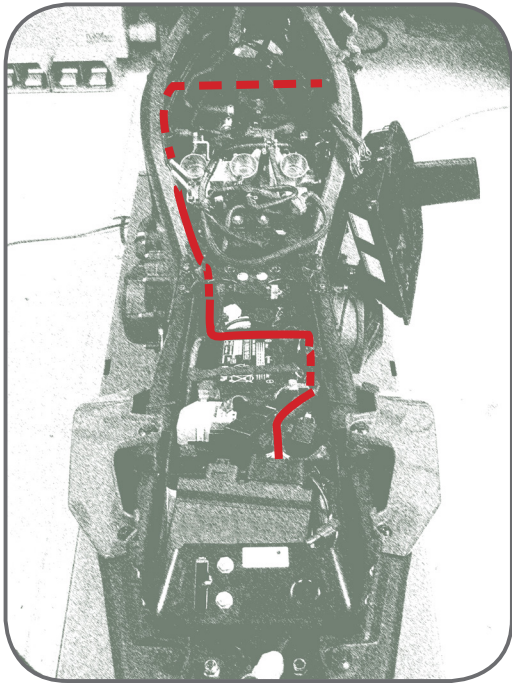7. Scotch Loks
8. Swingarm Stickers

QS4 HARNESS

COIL 3

+12V 5W

COIL 2

GROUND

COIL 1

SPEED

MAIN

SHIFT SWITCH

NEUTRAL

QS SHIFT LIGHT
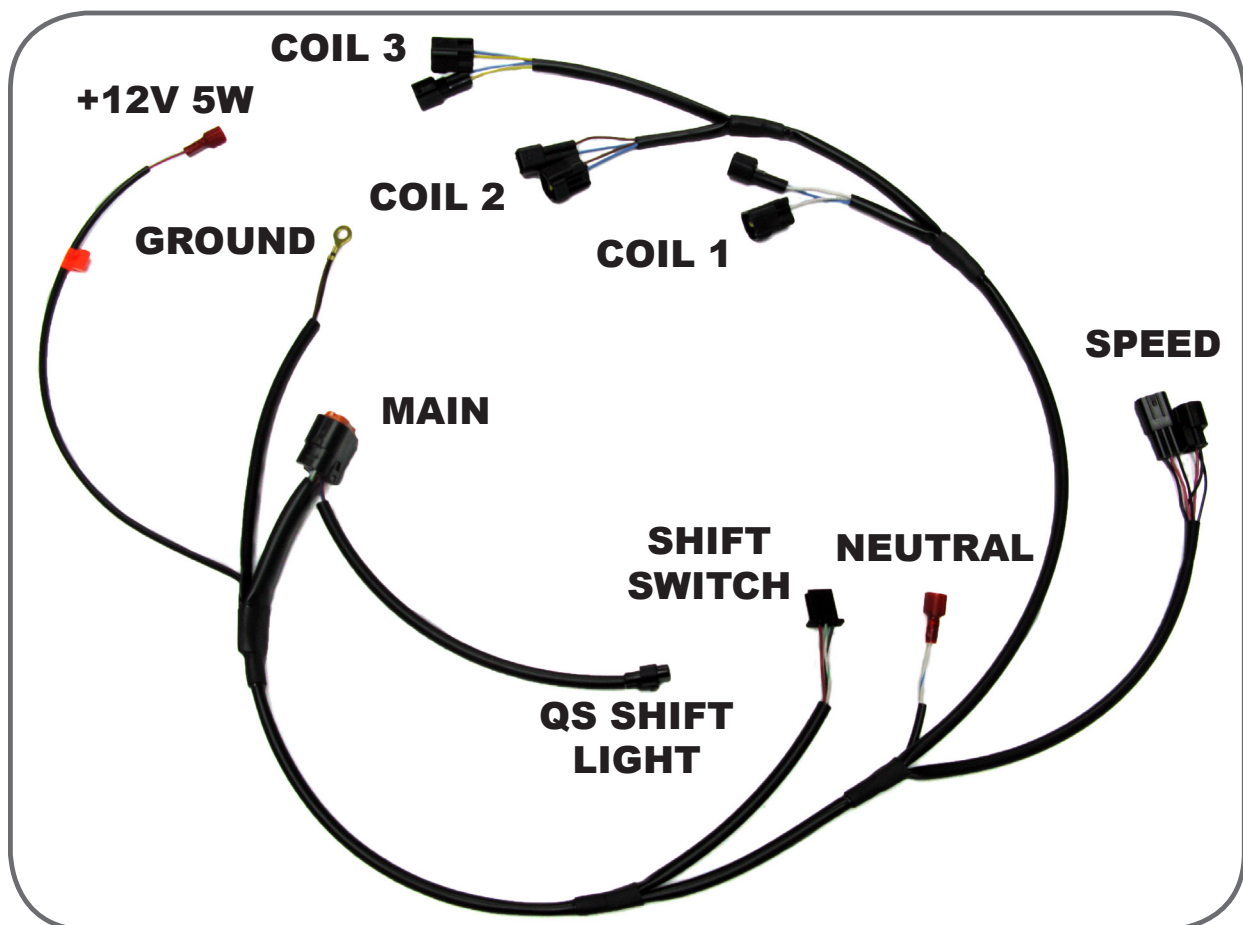
3>REMOVE

1. Rider seat
2. Fuel Tank
3. Airbox

4>SECURE

1. Mount the control unit using the supplied velcro in the tail section of the bike.
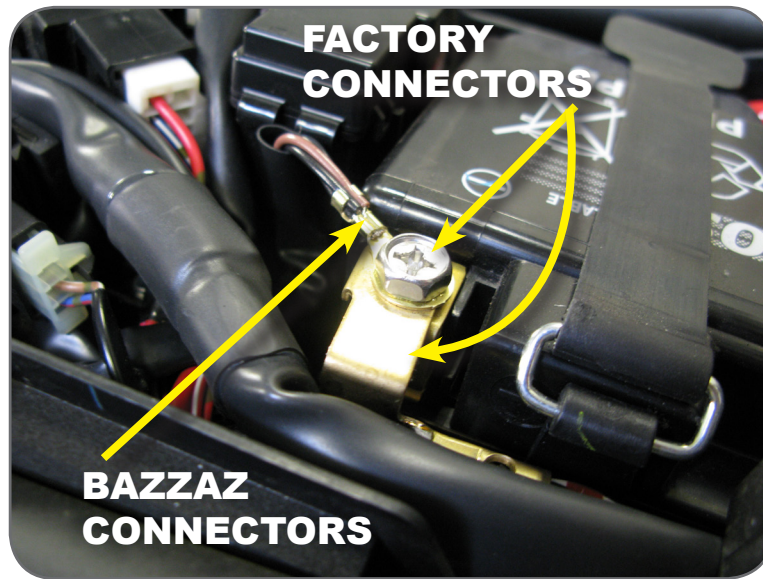
5>CONNECT

1. Connect the main connector of the Bazzaz QS4 harness to the control unit.
2. Begin routing the QS4 harness down the right side of the bike, following along with the factory harness, routing towards the battery. Then begin to route the harness to the left hand side of the bike towards the factory throttle bodies.
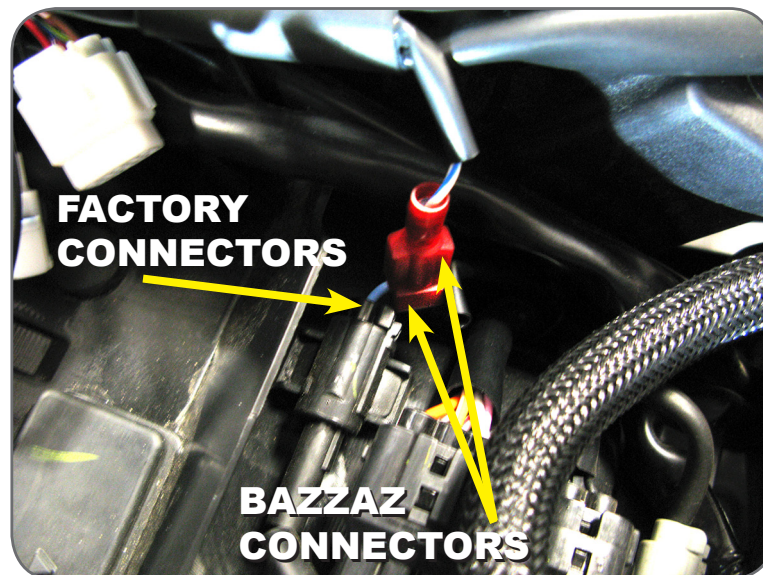
COIL #1

SPEED

SHIFT SWITCH

NEUTRAL

GROUND

CONTROL UNIT

12V SW

6>GROUND

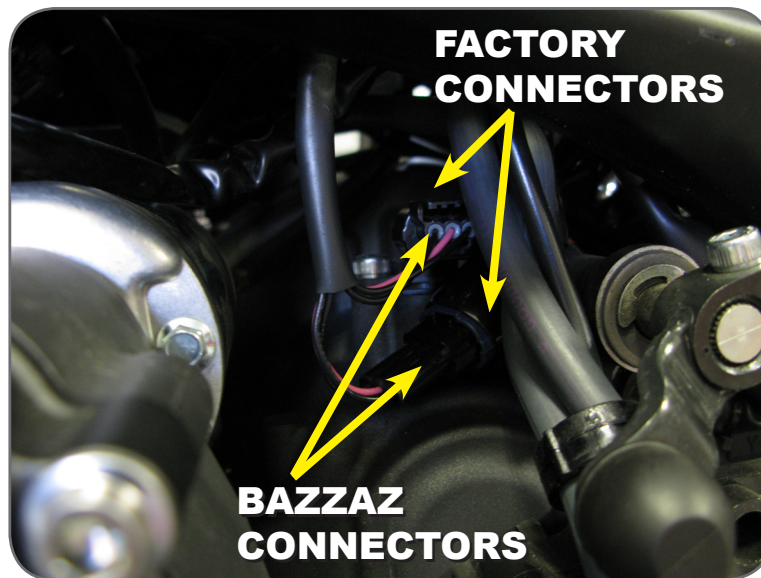FACTORY CONNECTORS
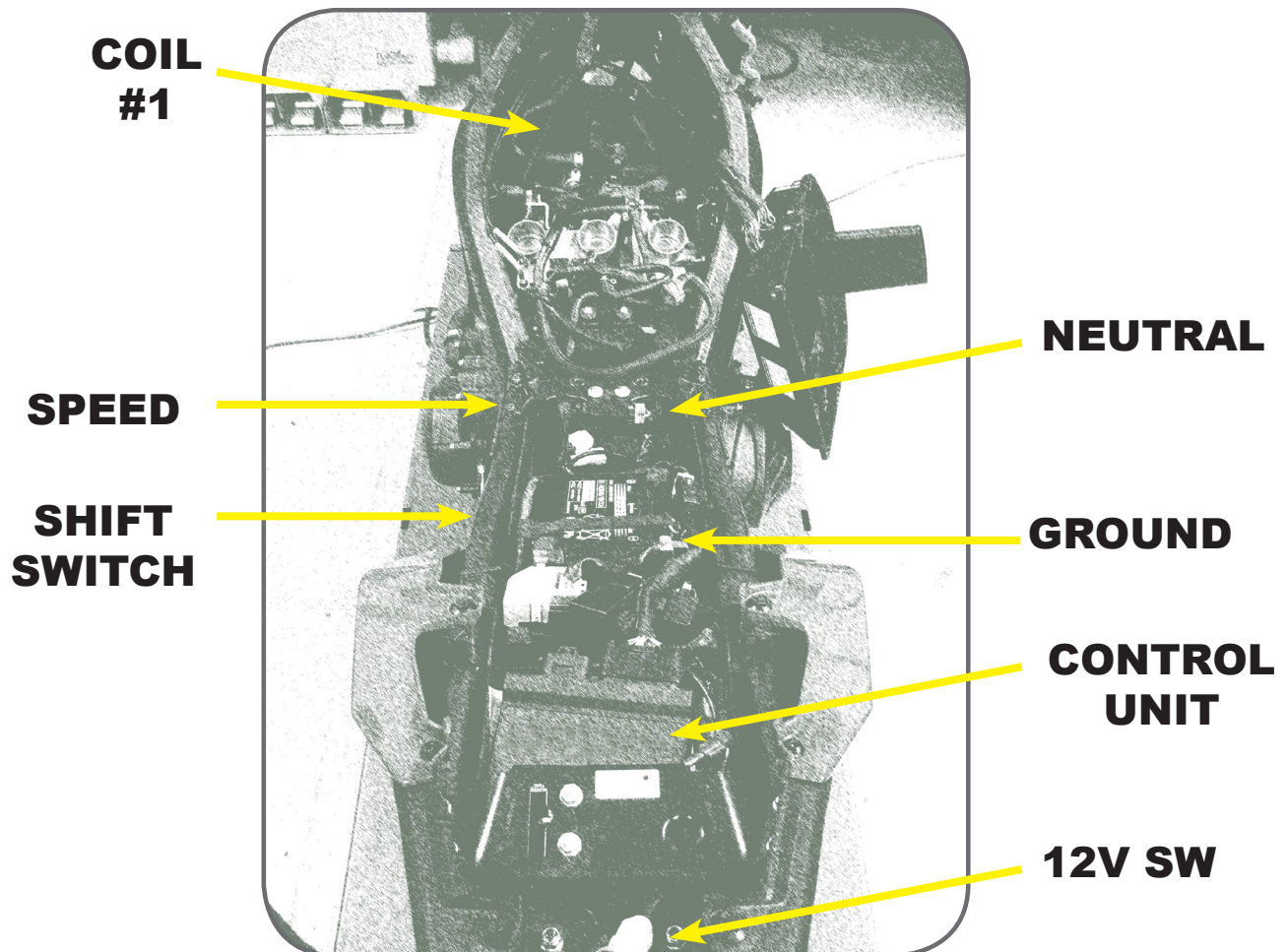
BAZZAZ CONNECTORS

3. Next, route the Bazzaz ground lug to the factory negative battery terminal. Unbolt the factory negative battery terminal and install the Bazzaz ground lug. Reinstall and tighten the negative battery bolt.

5>CONNECT (CONT.)
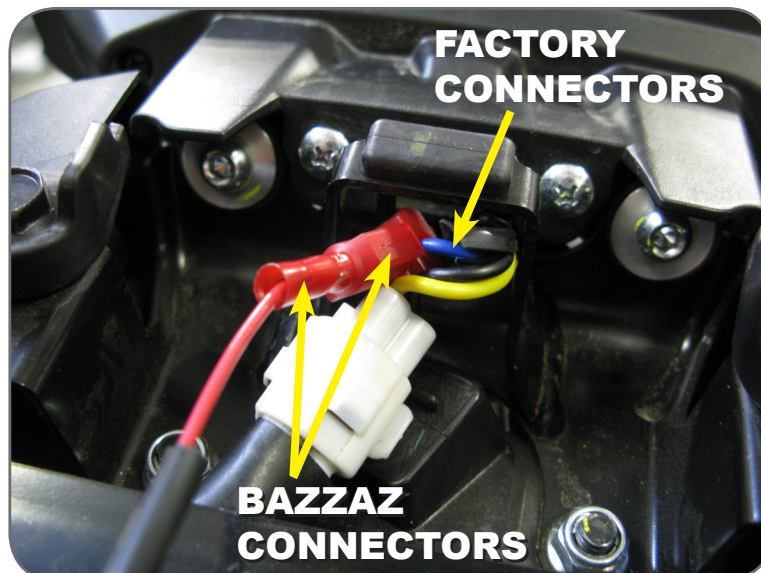
FACTORY CONNECTORS

BAZZAZ CONNECTORS

4. Locate the factory black single pin neutral sensor connector which can be found near the rear tank mount in front of the factory battery tray. Once located, use the supplied scotch lok to crimp onto the light blue wire. Install the Bazzaz neutral sensor connector onto the scotch lok.
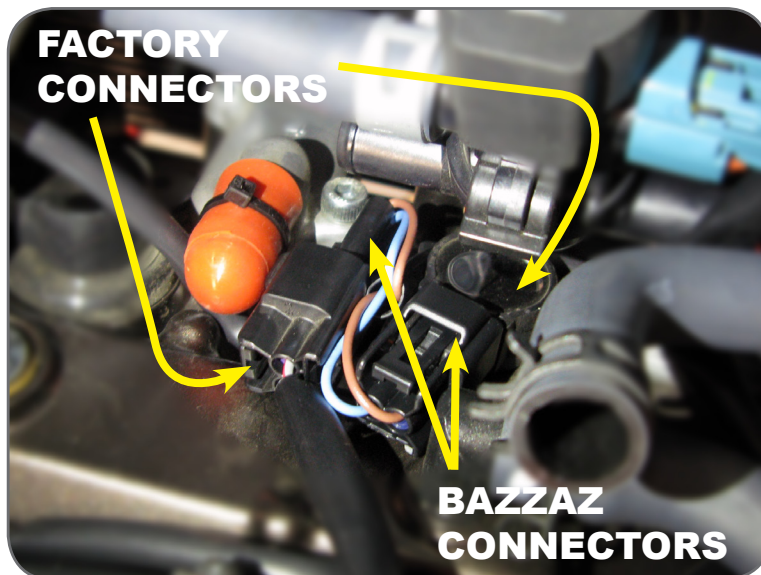
FACTORY CONNECTORS

BAZZAZ CONNECTORS

5. Locate the Bazzaz speed sensor connector and begin to route the connectors towards the factory shift shaft. Locate the factory speed sensor connector. Disconnect the factory blue speed sensor connector and install the Bazzaz speed connectors inline.

FACTORY CONNECTORS

BAZZAZ CONNECTORS

6. Locate the factory three pin white taillight connector in the tail section of the bike. Separate the blue wire from the rest and use the supplied scotch lok to crimp onto the factory blue wire. Connect the Bazzaz switched power connector.

5>CONNECT (CONT.)

COIL HARNESS

FACTORY CONNECTORS

BAZZAZ CONNECTORS

7. Begin to route the Bazzaz coil harness along the left hand side of the bike towards the top of the valve cover. Locate coil number one which can be found on the far left hand side on top of the valve cover. Disconnect the factory coil connector and install the Bazzaz coil connectors in line. Proceed to do the same with the next two cylinders working your way from left to right.

7>QUICKSHIFT
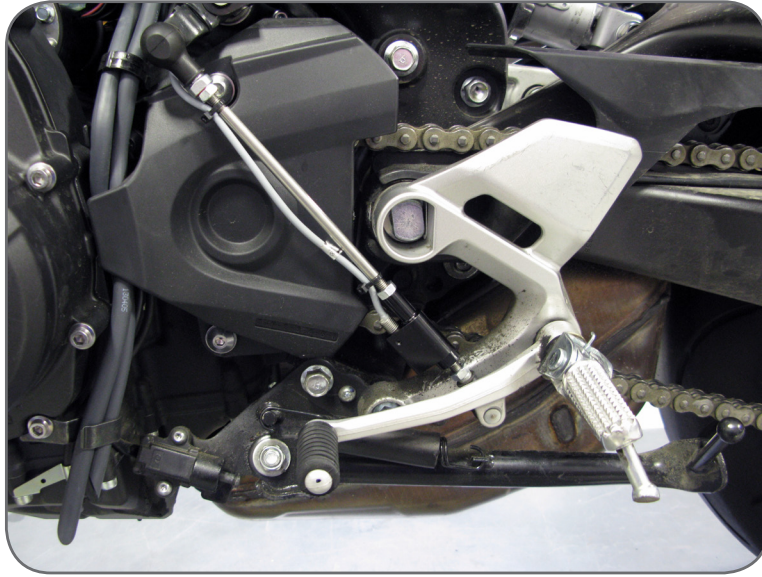
Begin the installation of the shift switch by removing the factory shift rod. Install the Bazzaz shift switch on the rearset shift linkage. The supplied shift rod may have to be cut shorter depending on your shift pedal height preference. Once length is attained, install the Bazzaz shift rod by screwing it into place between the Bazzaz shift switch and the factory shift shaft linkage. Secure components by tightening the 10mm nuts. Now route the shift switch sensor lead up to the corresponding three pin black connector on the Bazzaz coil harness.

8>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).

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 qs map page within the software.
5. Start the vehicle and begin to check that the following inputs read correctly on the qs 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.

Also use software to:

- Save and load new QS maps
- View diagnostics for troubleshooting
- Change quickshift settings

⚠️ 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>NEXT LEVEL

QS4 USB SHIFT LIGHT

Purchased separately.   **79.95**

Illuminates to identify pre-determined, optimal shift points. Comes pre-programmed with suggested figures that can be easily adjusted as desired.

NOTES

BAZZAZ

POWER • INJECTED

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

Proudly made in the
United States

Q792