

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

QS4 USB STANDALONE QUICK SHIFT

YAMAHA FZ-07 2015
Q793

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.

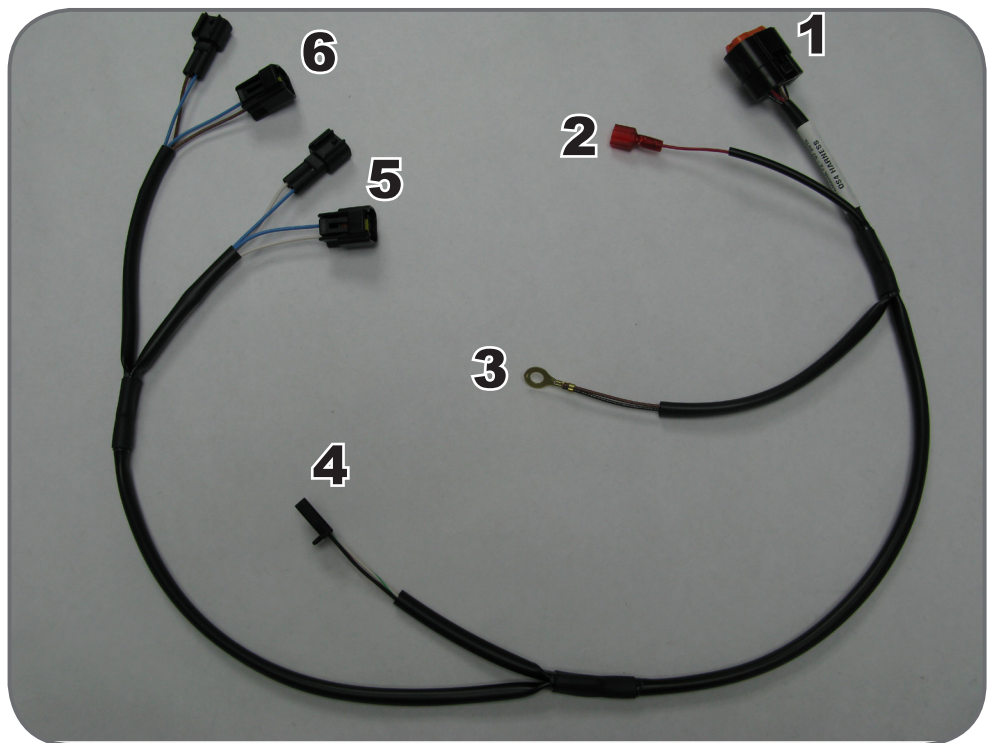
2>IDENTIFY

INCLUDED PARTS

1. QS4 USB control unit
2. QS4 USB harness
3. Shift Switch and mounting hardware
4. USB cable
5. Scotchlok (1)
6. Zip ties
7. Velcro
8. Download Z-Fi Mapper Software from Bazzaz.net

QS4 USB HARNESS

1. Main Connector
2. +12v Sw Power
3. Ground
4. Shift Switch Connector
5. Left Coil
6. Right Coil



3>REMOVE

1. Seats
2. Fuel tank
3. Panel between both seats
4. Right and left side fairings

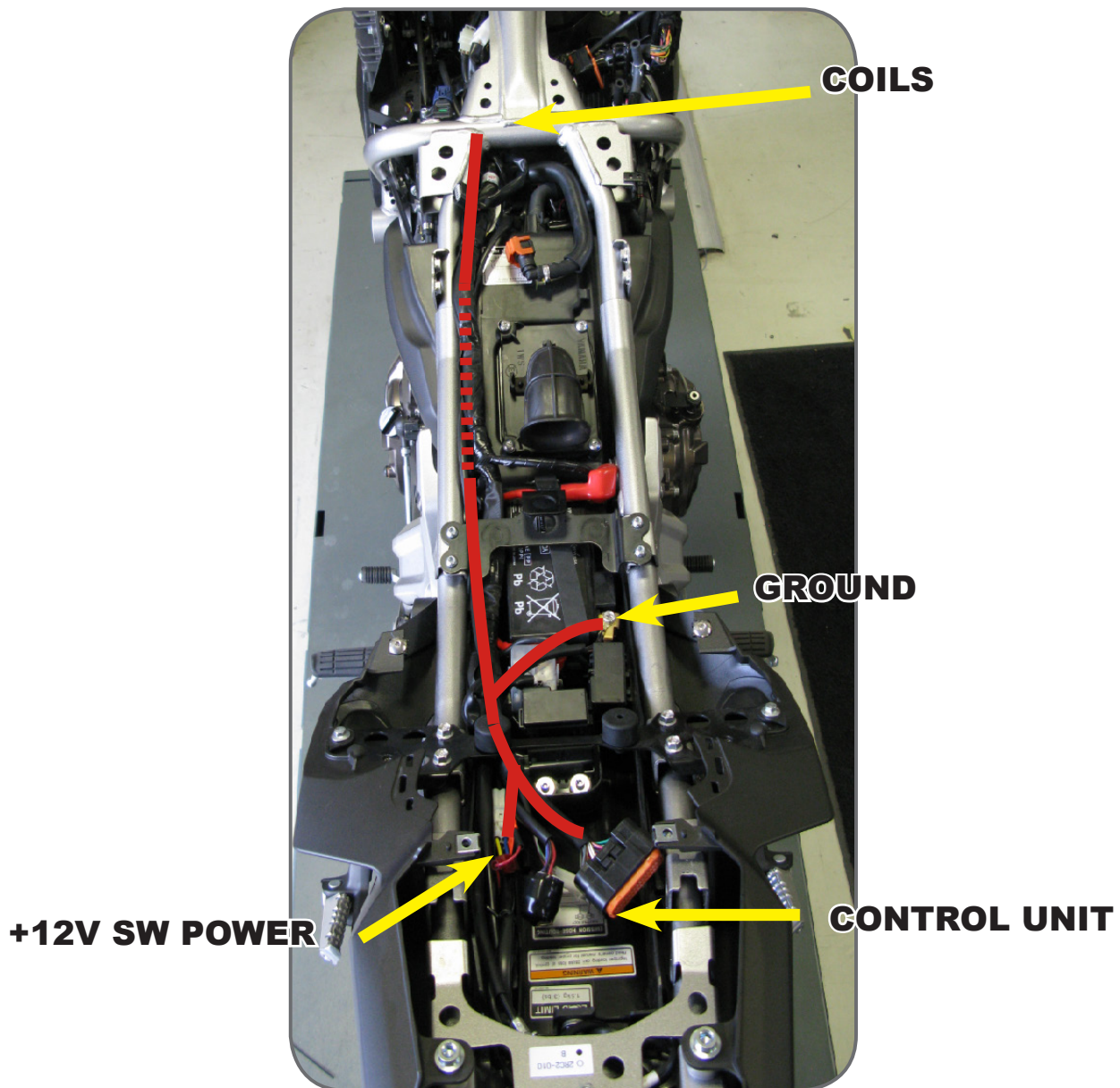
4>SECURE

1. Mount the control unit under the passenger seat in the tail section.

5>CONNECT

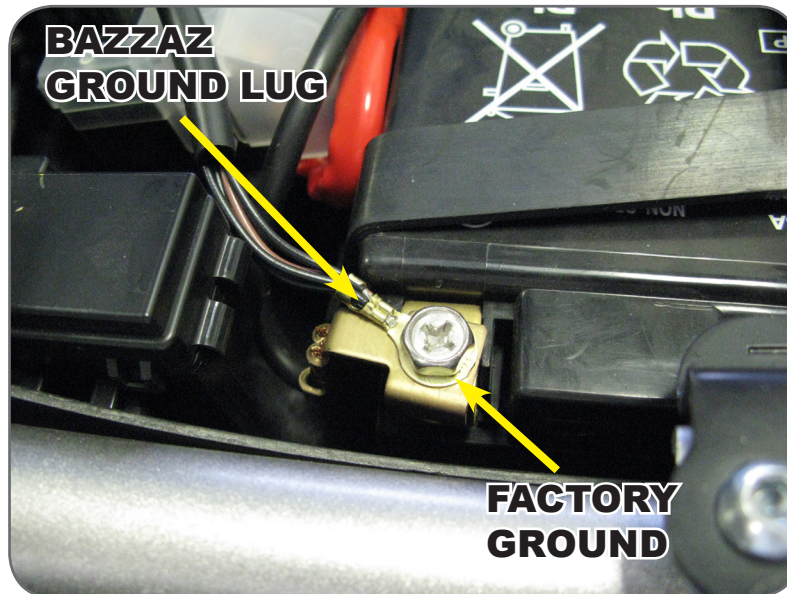
5.1

1. Connect the main connector of the Bazzaz QS4 harness to the control unit.
2. Route the harness along the left hand side of the bike towards the engine compartment.



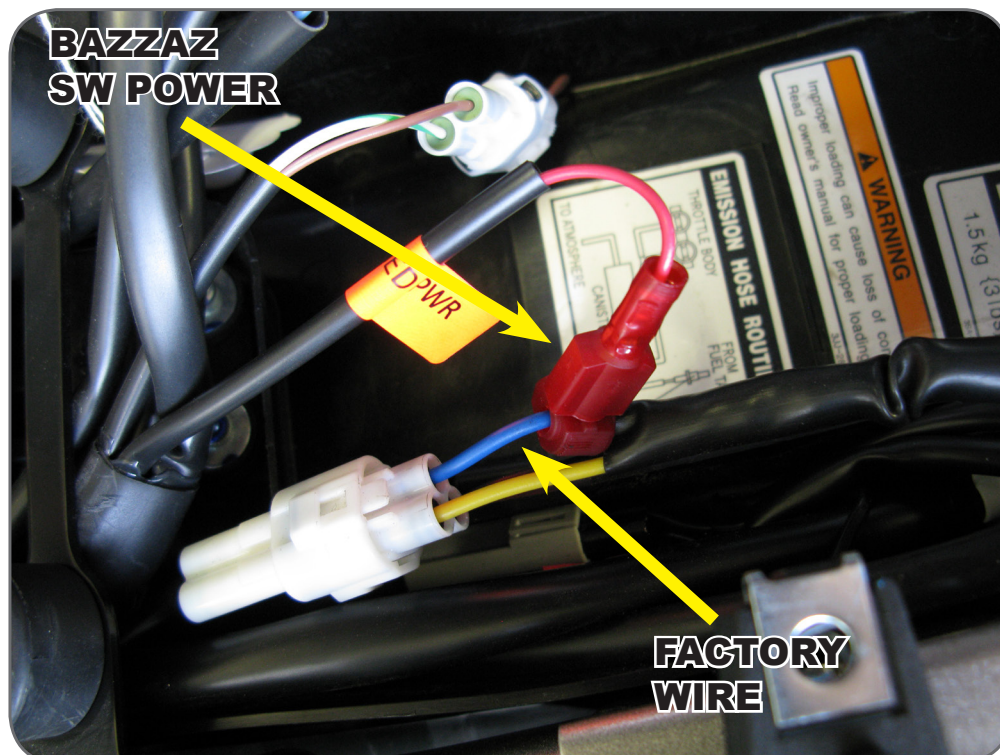
6>GROUND

1. Locate the Bazzaz ground lug, and connect it to the factory negative battery terminal.



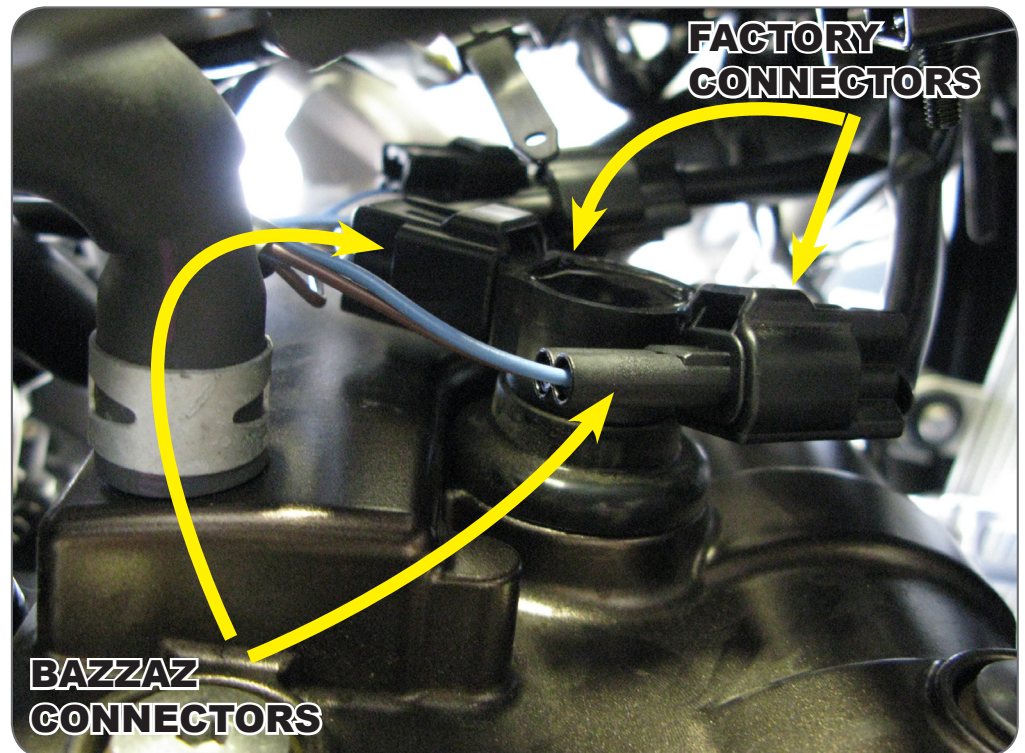
7>+12V SW POWER

1. Locate the factory tail light connector, which can be found on the left hand side of the bike in the tail section near the Bazzaz control unit.
2. Separate the factory blue wire and use the supplied scotchlok to crimp onto the factory blue wire.
3. Connect the Bazzaz +12v Sw Power connector.



8>CONNECT

1. Disconnect the factory coil connectors and install the Bazzaz coil connectors inline. (The Bazzaz coil connectors will be labeled for the left cylinder.)



9>QUICKSHIFT

1. Measure and note your shift pedal height so you may reposition the shift pedal once installation is complete.
2. Remove the factory shift rod.
3. Install the Bazzaz shift switch using one of the supplied allen stud bolts and tighten.
4. Install the Bazzaz shift rod. **Note: The Bazzaz shift rod may need to be cut to get your original shift pedal height.**
5. Retighten all lock nuts.



10>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).**

11>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 will only read first gear within the Bazzaz software.
 - 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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12>REINSTALL

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

14>NEXT LEVEL

SHIFT LIGHT (Sold Separately)

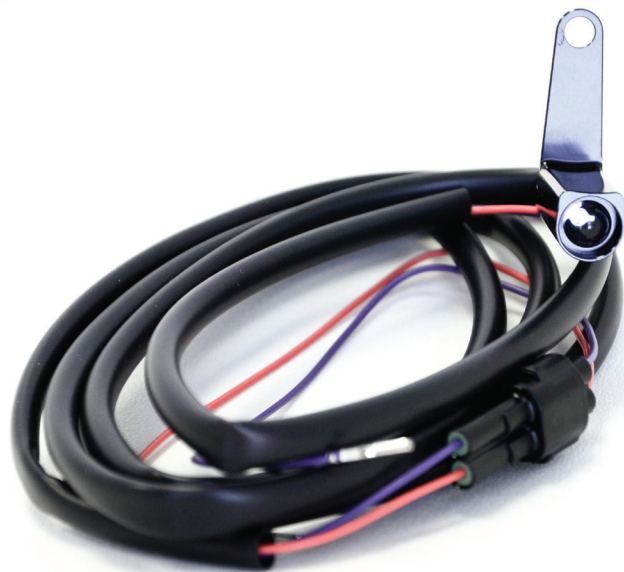
Illuminates white to identify pre-determined, optimal shift points.

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





THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

Q793