



MV AGUSTA F4 2013-2014

QS4 USB Installation Instructions Part# Q1642

In order to fit the Bazzaz reverse quickshift on this application, aftermarket rearsets must be used



Parts List:

QS4 USB Control Unit

QS4 USB Harness

Shift Switch

Scotchlok (5)

Cable Ties

Velcro

USB Cable

Swingarm Stickers

Download Z-Fi Mapper Software at bazzaz.net

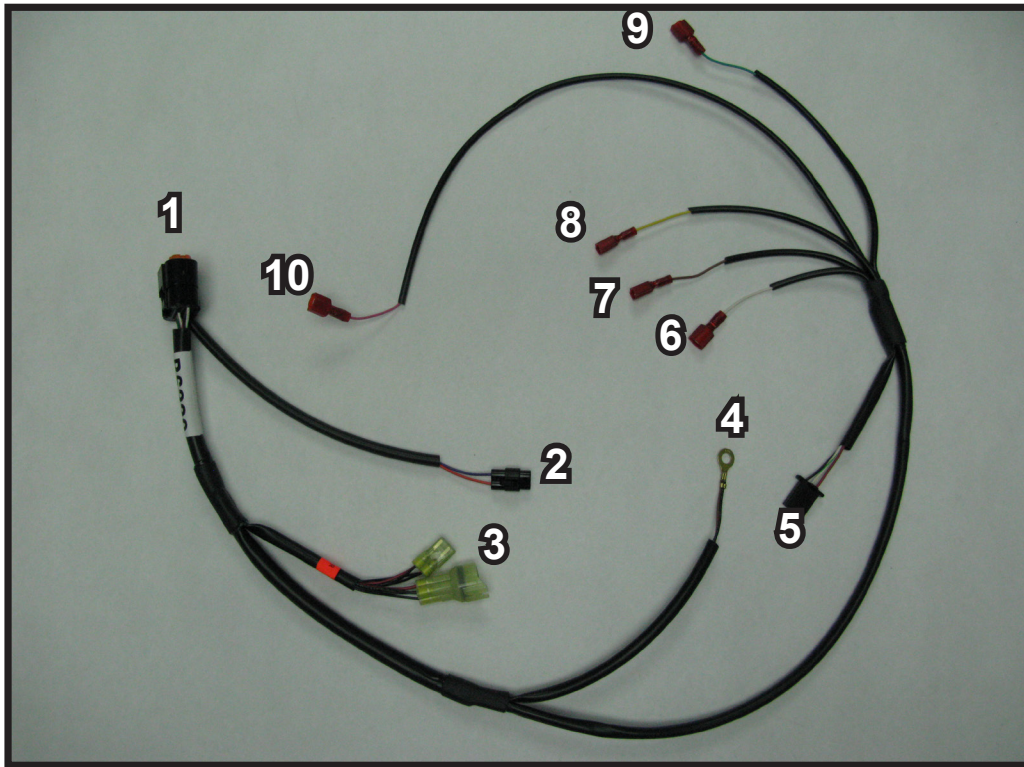
Software instructions available at bazzaz.net

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

Contact Bazzaz tech support at 909-597-8300 for questions

BAZZAZ HARNESS CONNECTOR IDENTIFICATION

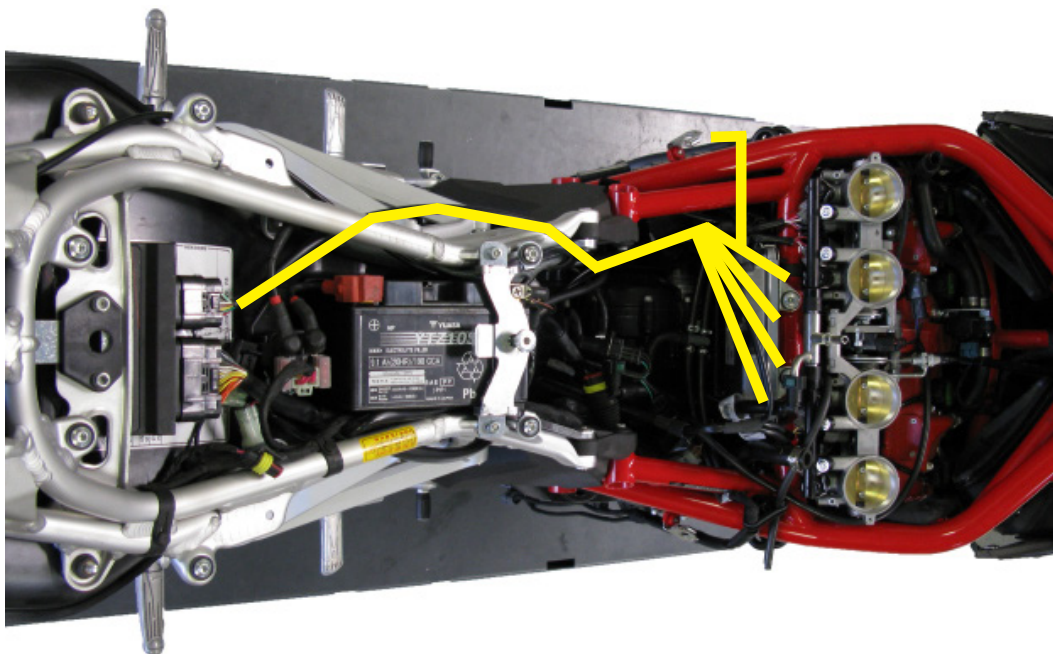
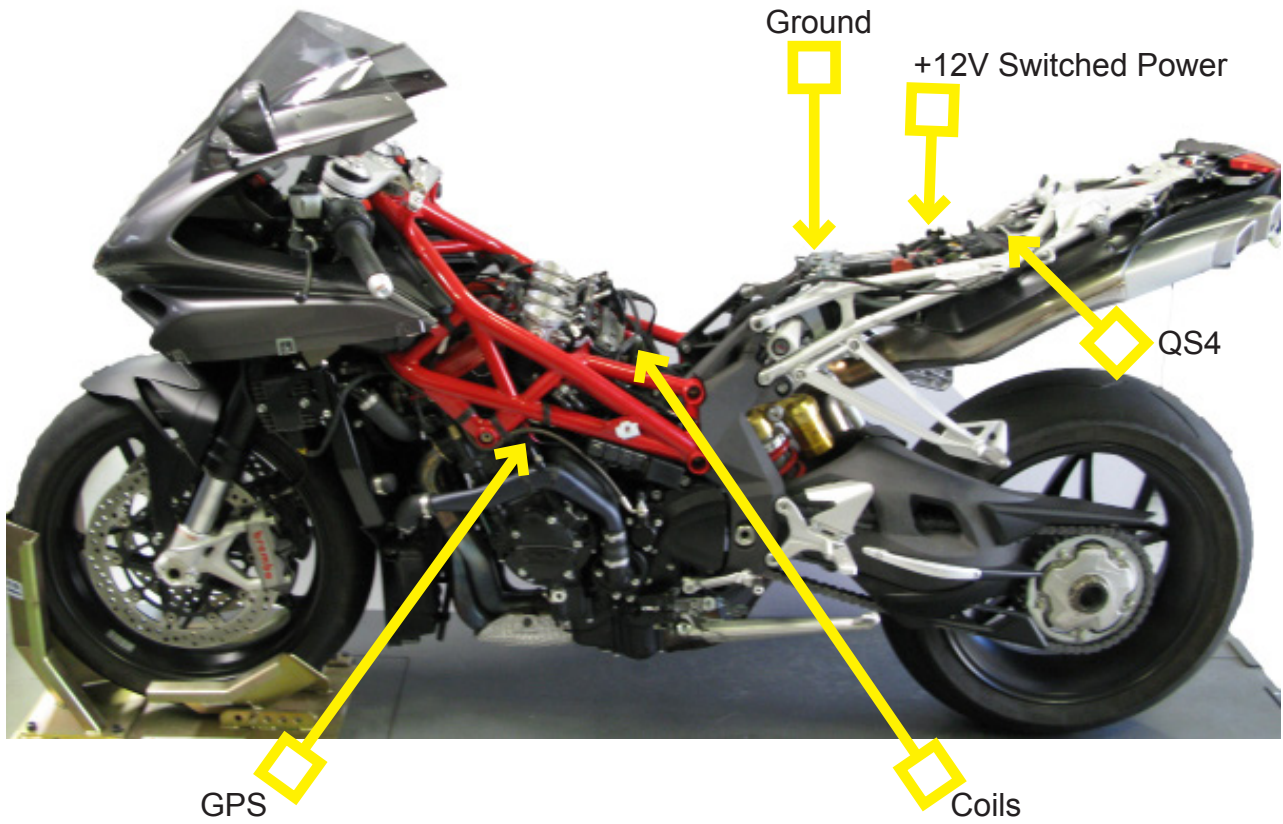


1. Main
2. QS Light
3. +12v Sw Power
4. Ground
5. Shift Switch
6. Coil 1
7. Coil 2
8. Coil 3
9. Coil 4
10. Gear

Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. Refer to a factory service manual for more specific stock component identification and location information.

WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN INSTALL THIS BAZZAZ PRODUCT

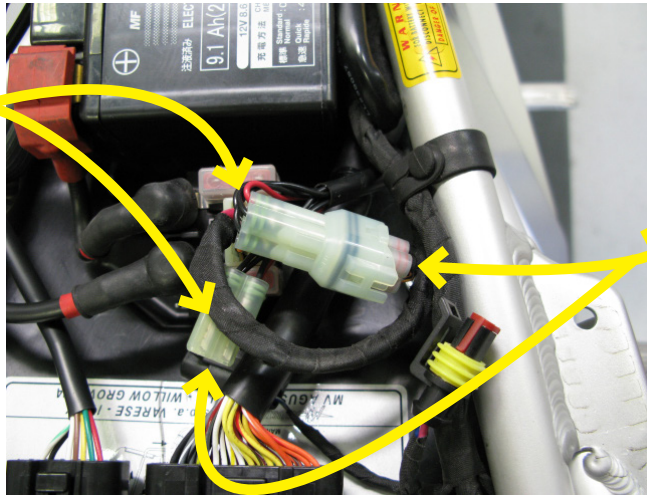
1. Begin the installation by removing the passenger seat, rider seat, side fairings, tail fairings, fuel tank and air box.
2. Mount the **CONTROL UNIT** in the area under the rider seat (under the subframe rail). Connect the main connector of the Bazzaz **QS4 USB HARNESS** to the control unit and begin routing it forward along the inside of the subframe.



***Stock component identification and location shown for reference.

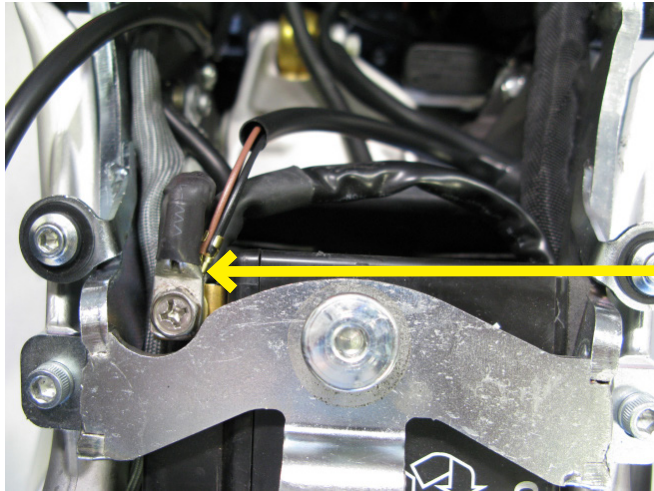
3. Locate the clear factory diagnostic connectors. Disconnect the factory diagnostic connectors and plug the Bazzaz **+12V SWITCHED POWER** connectors in-line with the factory connectors.

Bazzaz power connectors



Factory diagnostic connectors

4. Now route the Bazzaz **GROUND** back to the battery, and secure it to the negative terminal.



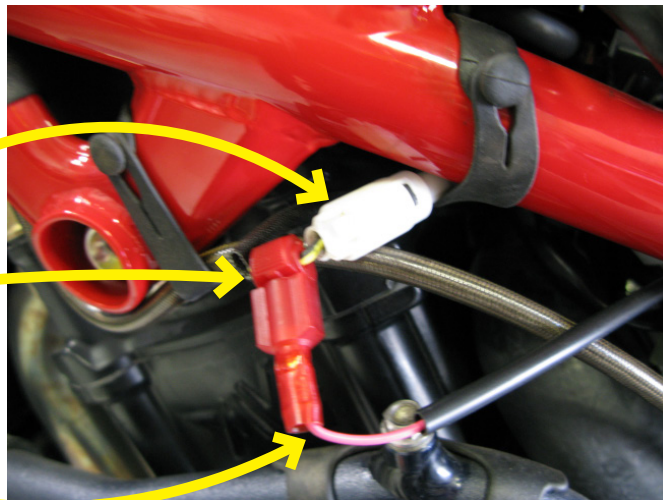
Bazzaz ground

5. Now locate the factory Gear Position Sensor (GPS) connector on the left side of the frame. Crimp a supplied Scotchlok onto the **yellow/black** wire of the GPS connector and insert the Bazzaz **GPS** connector into the Scotchlok.

Factory GPS connector

Scotchlok crimped onto the yellow/black wire

Bazzaz GPS connector



6. Locate the factory coils. Using the supplied scotchloks, crimp onto each signal wire and connect the appropriate coil connector from the Bazzaz harness.

Bazzaz coil connector having the white wire will connect with factory coil #1. The factory coil connector has a gray/black signal wire.

Bazzaz coil connector having the brown wire will connect with factory coil #2. The factory coil connector has a gray/green signal wire.

Bazzaz coil connector having the yellow wire will connect with factory coil #3. The factory coil connector has a gray signal wire.

Bazzaz coil connector having the green wire will connect with factory coil #4. The factory coil connector has a gray/red signal wire.

12. In order to install the quickshifter, aftermarket rearsets must be used. Install the **SHIFT SWITCH** (installation of shift switch will vary depending on brand of rearsets), and then route the shift switch connector to the mating connector on the Bazzaz coil harness and connect.

Don't forget to download the Z-Fi Mapper software from www.bazzaz.net (under the software tab) so that you can adjust your fuel map, QS or TC settings (depending on the product you purchased). You will also need access to the Z-Fi Mapper software if you will be using the Z-AFM self-mapping kit.

BAZZAZ

FUEL MAP SELF MAPPING **QUICK SHIFT** TRACTION CONTROL

1 TO 2 2 TO 3 CUT TIME BY GEAR 3 TO 4 4 TO 5 5 TO 6

80 ms 70 ms 80 ms 50 ms 40 ms

RPM 18000

SHIFT LIGHT RPM by GEAR

1 TO 2 2 TO 3 3 TO 4 4 TO 5 5 TO 6

9000 9000 9000 9000 9000

MAP 1 GEAR

N 1 2 3 4 5 6

SAVE LOAD CLEAR SELECT ALL EXIT **QS4 USB** DIAGNOSTICS

COMMENT: 09-11 Yamaha R1 SETTINGS