



2011-2013 Kawasaki Ninja 250R / 2013 Kawasaki Ninja 300
QS4 Installation Instructions
P/N Q442S, Q442R

WARNING!

USE ONLY IN RACE OR OTHER CLOSED COURSE APPLICATIONS AND NEVER ON PUBLIC ROADS

Z-Fi products do not meet California CARB highway requirements

Parts List:

QS4 Unit

QS4 Harness

Shift Switch & Mounting Hardware

Download Z-Fi Mapper Software and its Instructions from website

Scotchlok (1)

Cable Ties

Velcro Patch

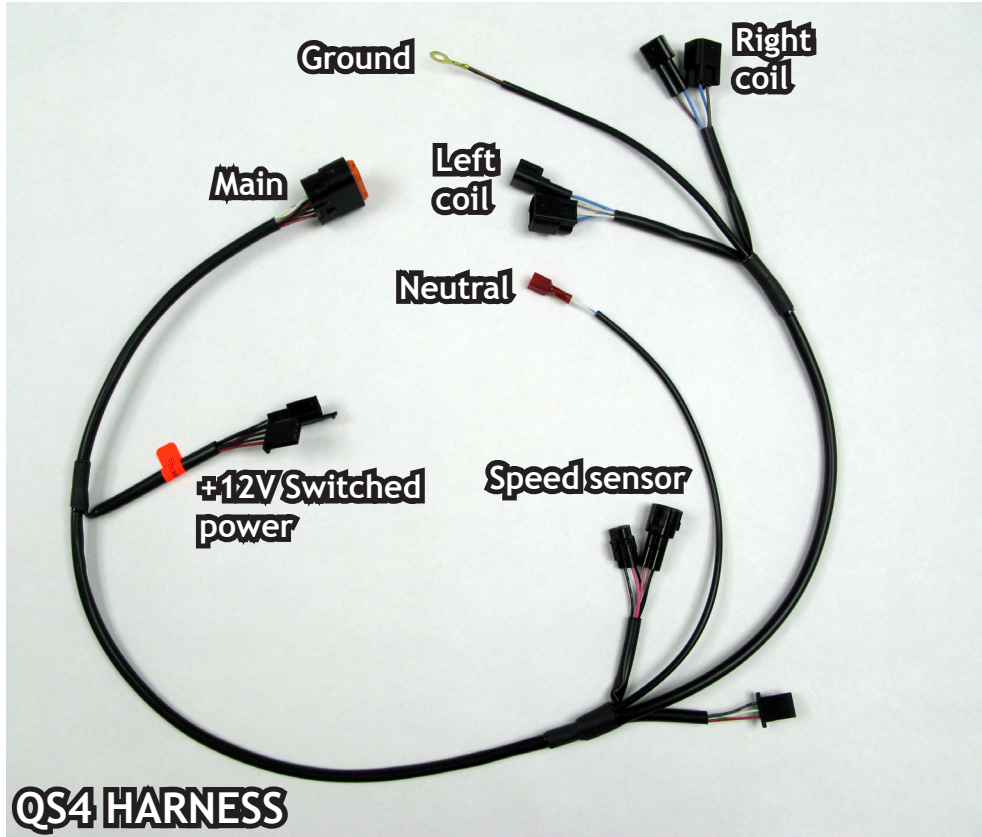
USB Cable

Swingarm Stickers



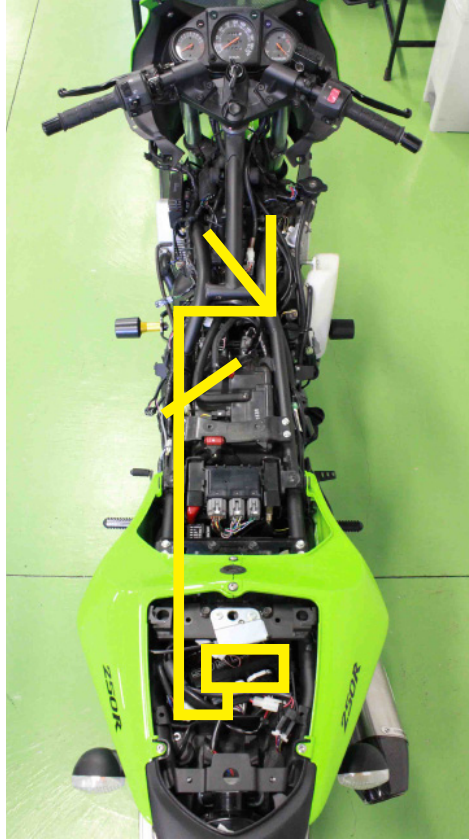
Read through all instructions before beginning installation. This is not a replacement for the ECU. This document is intended for use by qualified technicians. For more specific stock component identification and location information refer to a factory service manual.

BAZZAZ HARNESS CONNECTOR IDENTIFICATION

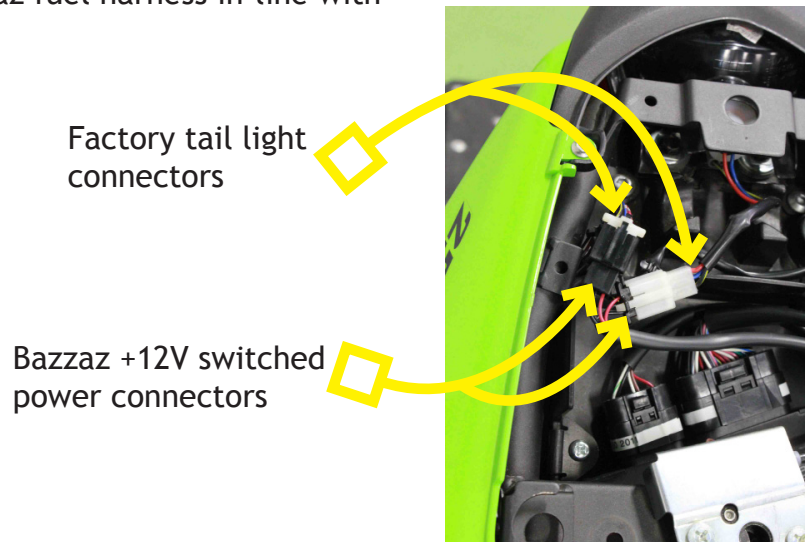


**WE STRONGLY SUGGEST THAT AN EXPERIENCED TECHNICIAN
INSTALL THIS BAZZAZ PRODUCT**

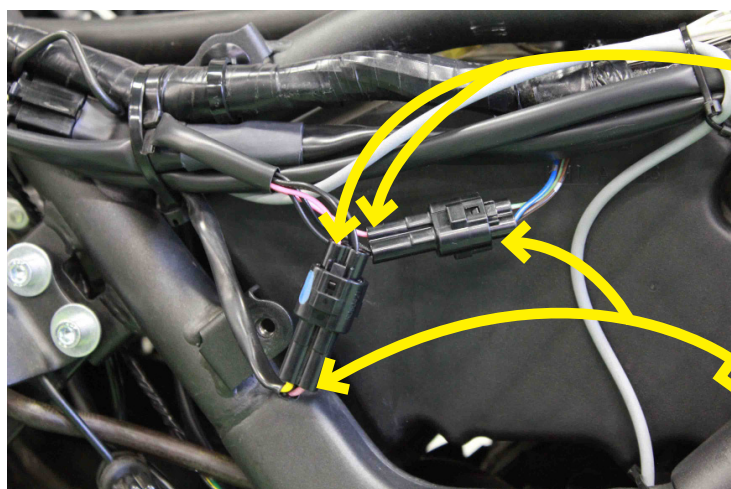
1. Begin the installation by removing the seats, left and right side fairing and the fuel tank; now access the air box and remove it.
2. Place the control unit in the tail of the motorcycle and secure it using the supplied velcro patch. Connect the main connector of the Bazzaz fuel harness into the control unit and begin routing the fuel harness down the left side of the bike.



3. Locate the factory tail light connectors in the tail section of the bike and disconnect them. Connect the +12V switched power connectors of the Bazzaz fuel harness in-line with the factory connectors.



4. Locate the factory speed sensor connectors on the left side of the bike just before the main frame rail and disconnect them. Connect the Bazzaz speed sensor connector's in-line with the factory connectors.



Bazzaz speed sensor connectors

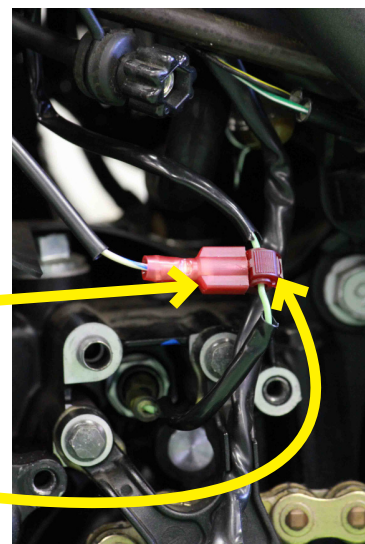
Factory speed sensor connectors

5. In the same area of the bike, locate the factory neutral sensor lead and cut the sheathing back about 20mm to expose the green wire. Crimp the supplied scotchlok onto the **green** wire and connect the Bazzaz neutral connector (red connector with white/blue wire) to the scotchlok.

Drive sprocket cover will need to be removed to gain access.

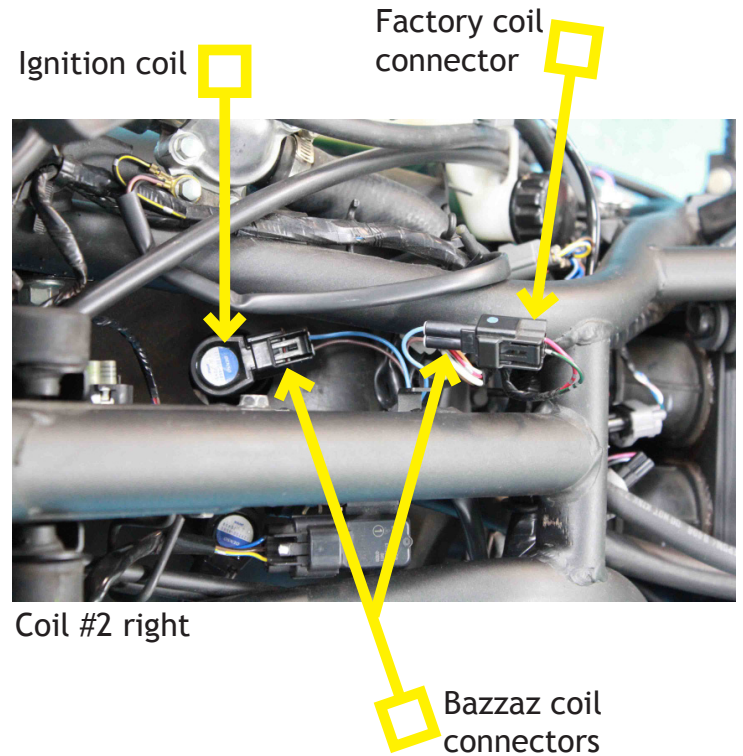
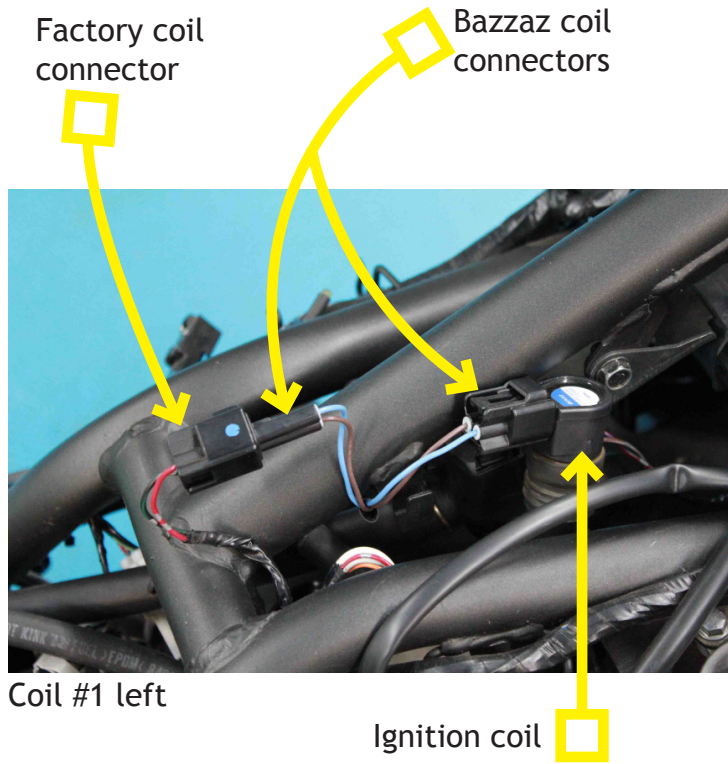
Bazzaz neutral connector

Scotchlok crimped onto exposed factory green wire

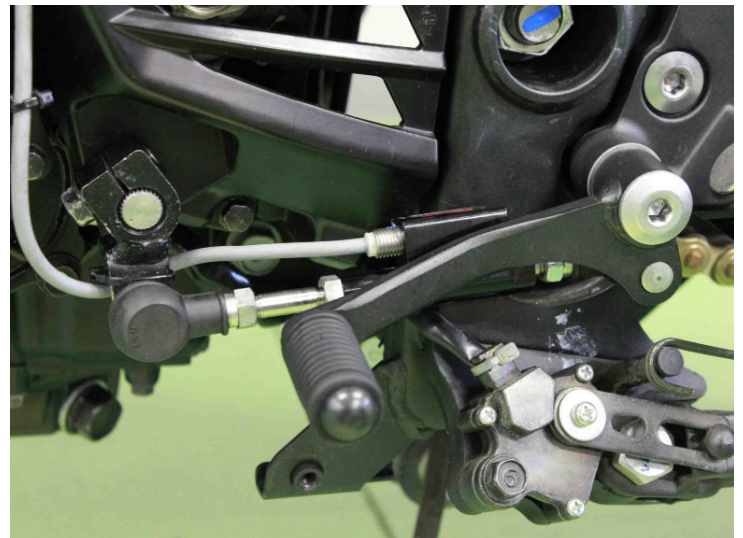


6. Locate the factory coil connectors. Disconnect the factory coil connectors from the ignition coils and connect the Bazzaz coil connectors in-line with them according to the labels.

Left (labeled on harness) will go to cylinder #1, Right (labeled on harness) will go to cylinder #2.



7. Now you will begin the installation of the shift switch by removing the factory shift rod. Next install the Bazzaz shift switch onto the rear linkage and install the Bazzaz shift rod between the front linkage and the shift switch (the Bazzaz shift rod may have to be cut shorter depending on your shift pedal height preference). Adjust foot pedal to preferred height and secure components by tightening the 10mm nuts. Now route the shift switch sensor up to the to the mating connector on the Bazzaz coil harness. Secure shift switch cable away from any moving components as damage to the cable may cause the shift switch sensor to fail.



8. To complete the installation, use the supplied cable ties to secure the Bazzaz and factory harness neatly along its routing path free of any moving or hot components(which could cause damage or failure of the system). If any problem is found, please carefully follow through installation steps again. If problem still persists, please call Bazzaz tech support department at 909-597-8300. After it is determined that everything is correct reinstall all the components removed in step one and the installation will be complete.