



## Honda CBR1000RR 2009-2013

### QS4 USB (Stand-alone quickshift) Installation Instructions Part #'s Q341S, Q341R



#### Parts List:

QS4 Control Unit

QS4 Harness

Shift Switch & Mounting Hardware

Scotchlok (2)

Cable Ties

Velcro

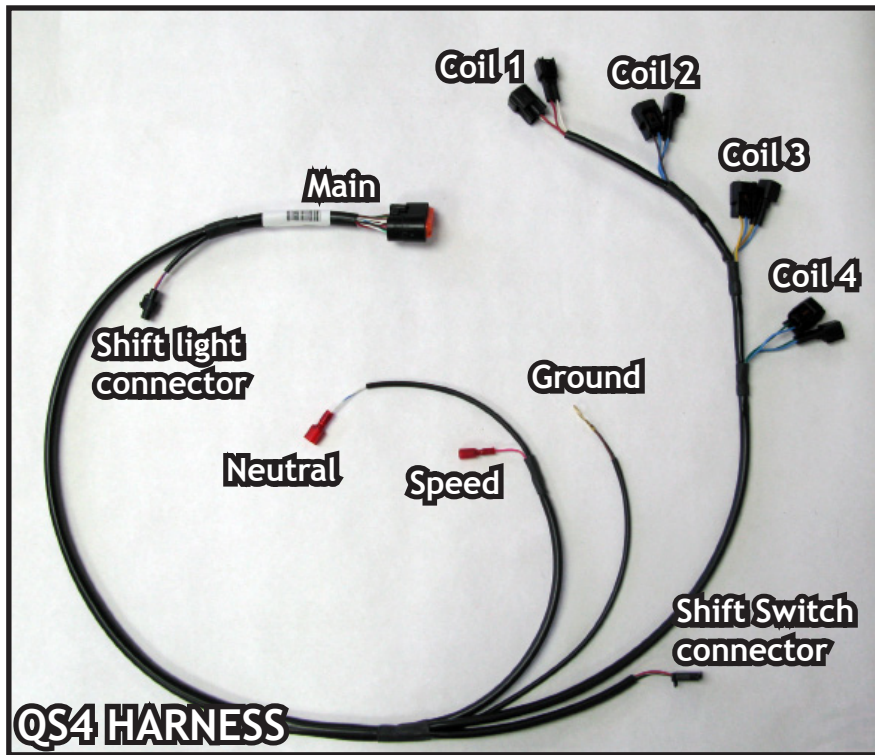
USB Cable

Swingarm Stickers

Download Z-Fi Mapper Software at [www.bazzaz.net](http://www.bazzaz.net)

Software instructions available at [www.bazzaz.net](http://www.bazzaz.net)

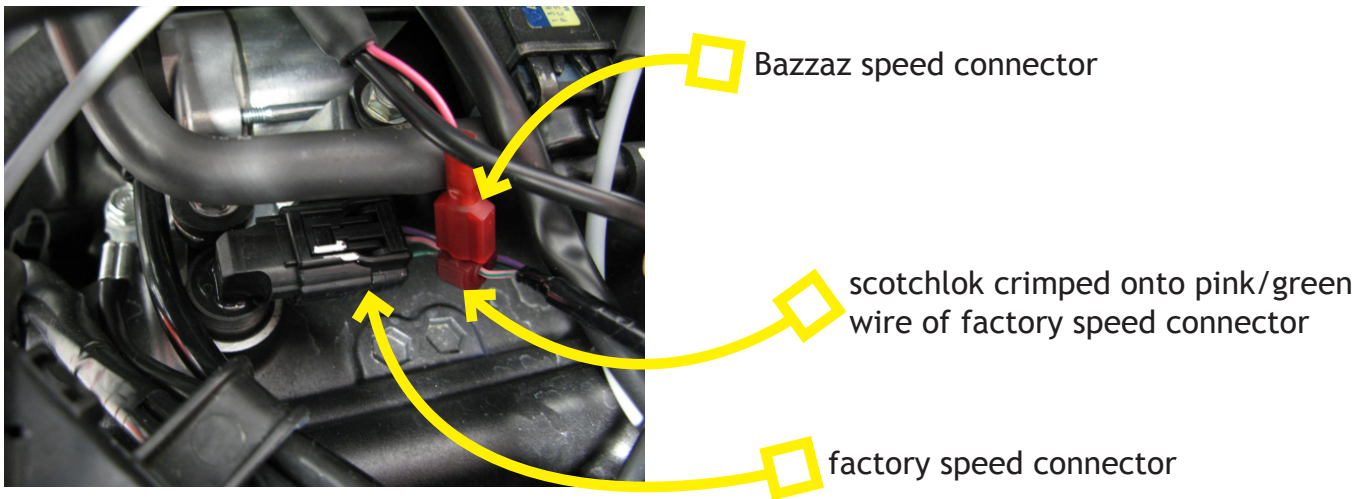
# BAZZAZ HARNESS CONNECTOR IDENTIFICATION



Read through all instructions before beginning installation. 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

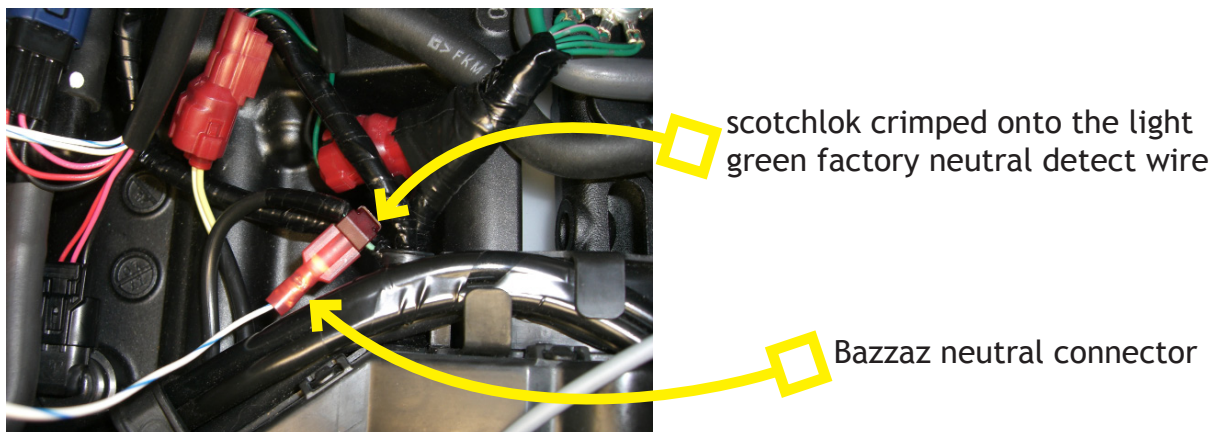
1. Begin the installation by removing the seat, fuel tank and airbox.
2. Place and secure the **QS4 UNIT** in the tail section of the bike. Secure it in place with the Velcro provided in your kit.
3. Connect the **MAIN CONNECTOR** of the Bazzaz harness to the QS4 control unit.
4. Route the harness on either side of the frame rail from the tail to the engine compartment. Locate the factory **SPEED** connector on the left side and below the throttle bodies. Crimp a supplied scotchlok onto the center, **pink/green** wire of the factory speed connector and insert the Bazzaz speed connector into the scotchlok.



### IMPORTANT:

This next step is intended for the 2009-2011 models. If you are installing on the 2012 model please skip to the next step.

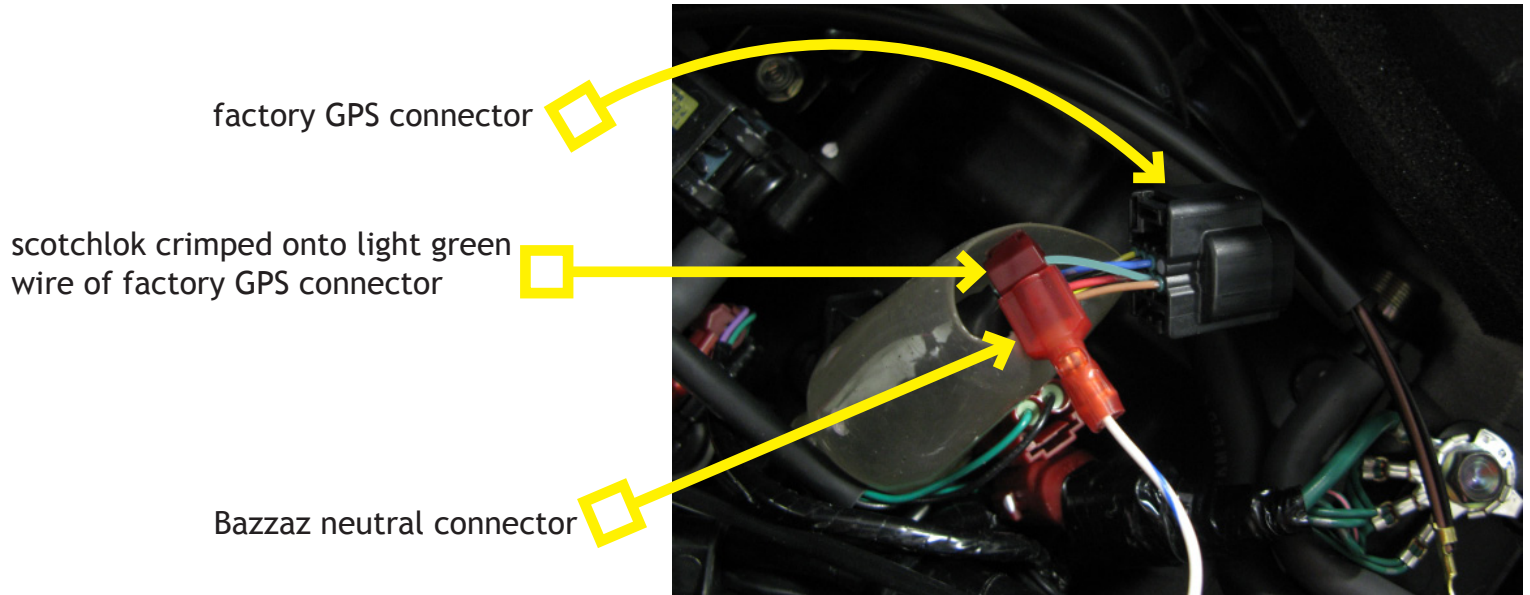
5. Locate the light green factory **NEUTRAL DETECT** wire, which can be found near the speed sensor connector. Crimp a supplied scotchlok onto the **light green** wire and insert the Bazzaz neutral connector into the scotchlok.



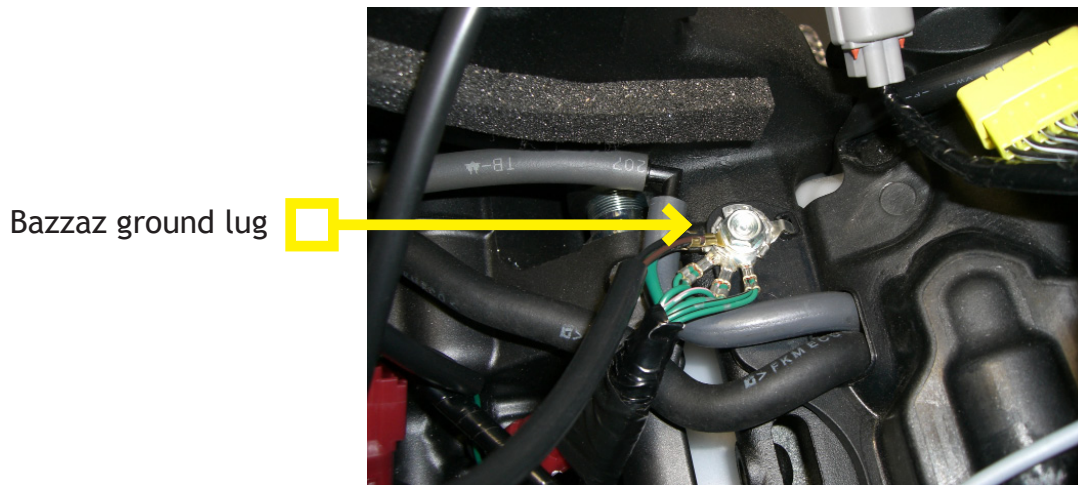
**IMPORTANT:**

This next step is intended for the 2012 model only.

5. Locate the 8 pin factory GPS connector and push back the rubber shroud in order to get access to the connector. Crimp a supplied scotchlok onto the **light green** wire of the GPS connector and insert the Bazzaz **NEUTRAL** connector into the scotchlok.



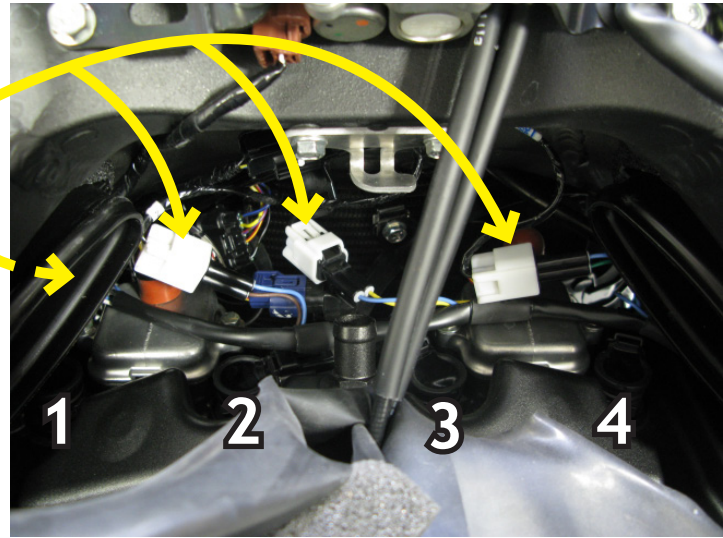
6. Attach the Bazzaz **GROUND** lug to a solid chassis ground.





7. Route the remaining portion of the Bazzaz harness along the right side of the throttle bodies and up to the front of the motor where the coils are located. Beginning from right to left, start with the Bazzaz **COIL CONNECTORS** with the green wire. Disconnect each factory coil connector and plug the Bazzaz coil connectors inline with the factory connectors.

Factory coil connectors inline with the Bazzaz coil connectors



8. Now you will begin the installation of the **SHIFT SWITCH**; start by removing the factory shift rod and install the Bazzaz shift switch on the upper shift linkage. The supplied shift rod may have to be cut shorter depending on your shift pedal height preference. Once correct length is attained, install Bazzaz **SHIFT ROD** by screwing it into place between the Bazzaz shift switch and the lower shift linkage. Secure components by tightening the 10mm nuts. Now route the shift switch connector up to the mating connector on the Bazzaz coil harness.



Notes: (1) The female end of Bazzaz shift switches are cross tapped to allow them to be mounted to either the rear set or shift shaft heim joint regardless of the thread design. (2) If the replacement rod supplied with your kit contains female style ends, it is designed to allow the user to shorten its length to suit various aftermarket reset configurations. The female style rods contain grooves in 10mm increments on both ends identifying areas where the rod can be modified and adequate threads will remain for proper installation.

9. To complete the installation, 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). If any problem is found, please carefully follow through the installation steps again. If problem still persists, please call **Bazzaz tech support at (909) 597-8300**. After it is determined that everything is correct, reinstall the components removed in step one and the installation will be complete.

Don't forget to download the Z-Fi Mapper software from [www.bazzaz.net](http://www.bazzaz.net) (under the software tab) so that you can adjust your gear dependent kill times, if necessary. Also, if using the QS4 shift light (sold separately), you can adjust your shift points (at what RPM the shift light comes on).



QS4 USB Shift Light (for use with QS4 USB only).  
[Part No. M841]

