

INSTALLATION INSTRUCTIONS



UNLEASH.

THE SMARTEST PERFORMANCE TUNING TECHNOLOGY

QS4 USB

STAND-ALONE QUICKSHIFT

KAWASAKI ZX14R 2006 - 2013 Q445S, Q445R

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



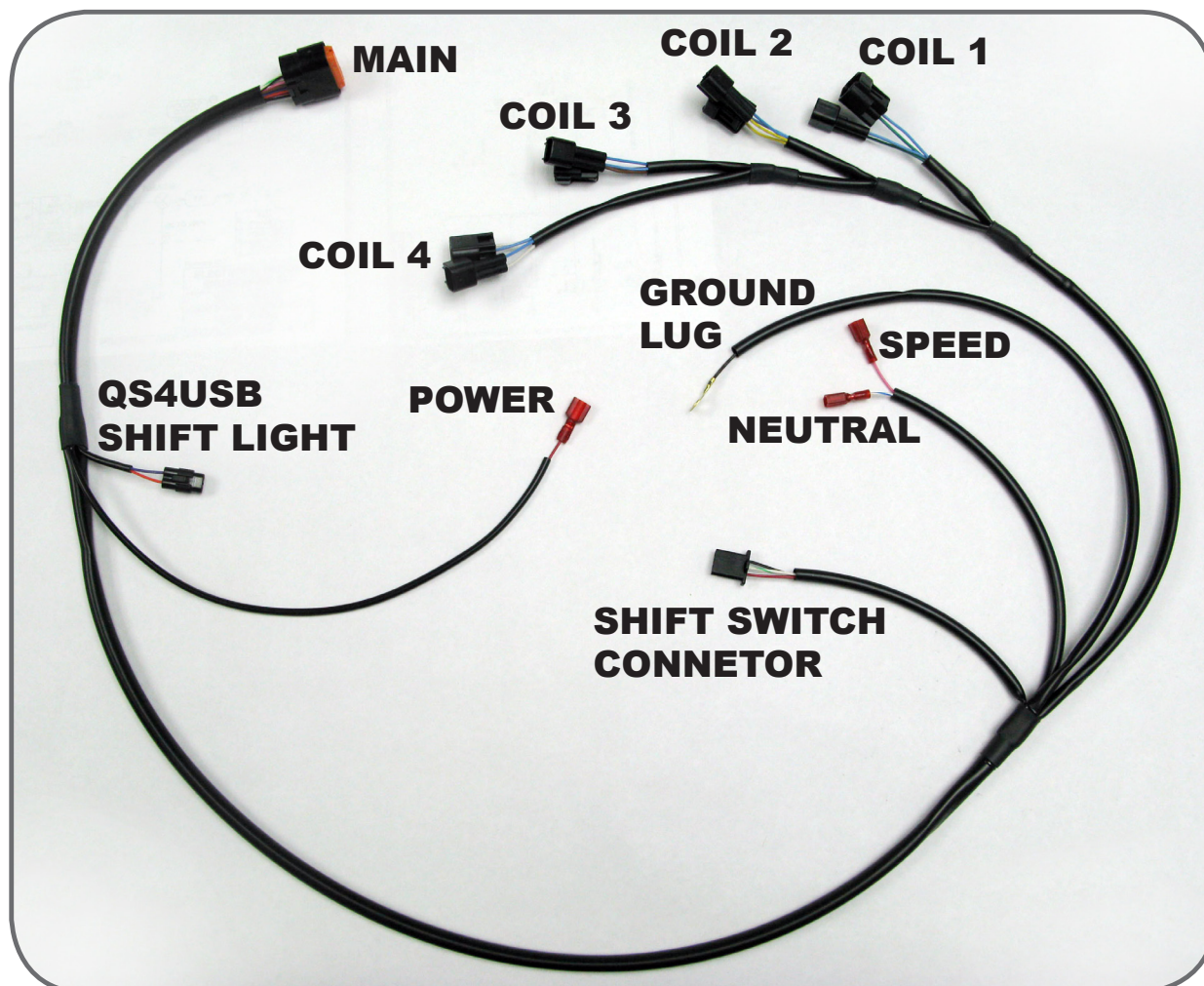
- Factory support is available in the US at 909-597-8300.
- For fastest support outside of the US, find your local importer at bazzaz.net.

2>IDENTIFY

INCLUDED PARTS

1. QS4USB control unit
2. QS4USB harness
3. Shift Switch and mounting hardware
4. USB cable
5. Scotchlok (2)
6. Zip ties
7. Velcro

QS4USB HARNESS

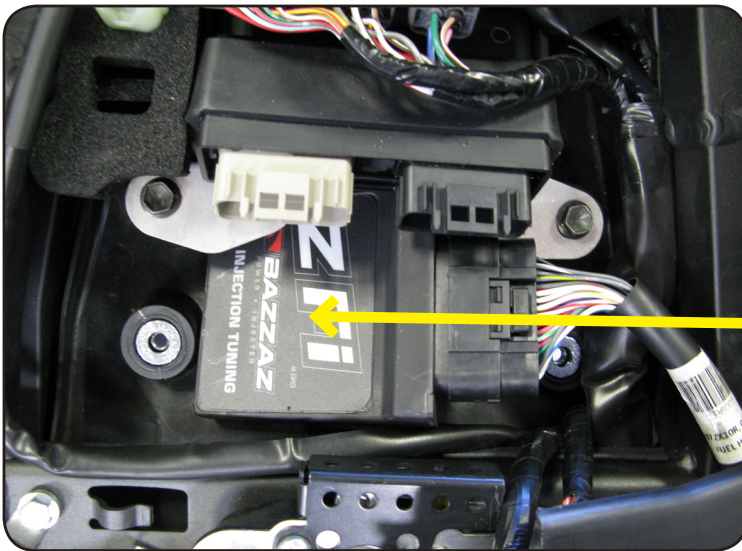


3> REMOVE

1. Rider seat
2. Fuel tank
3. Left side panel

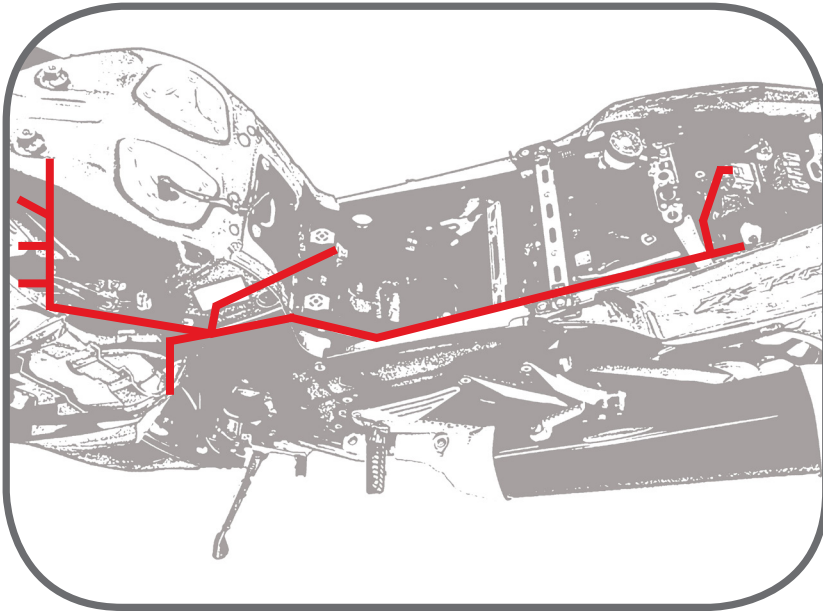
4> SECURE

1. Mount the control unit in the tail section of the bike and under the factory ECU, securing it with the provided Velcro.

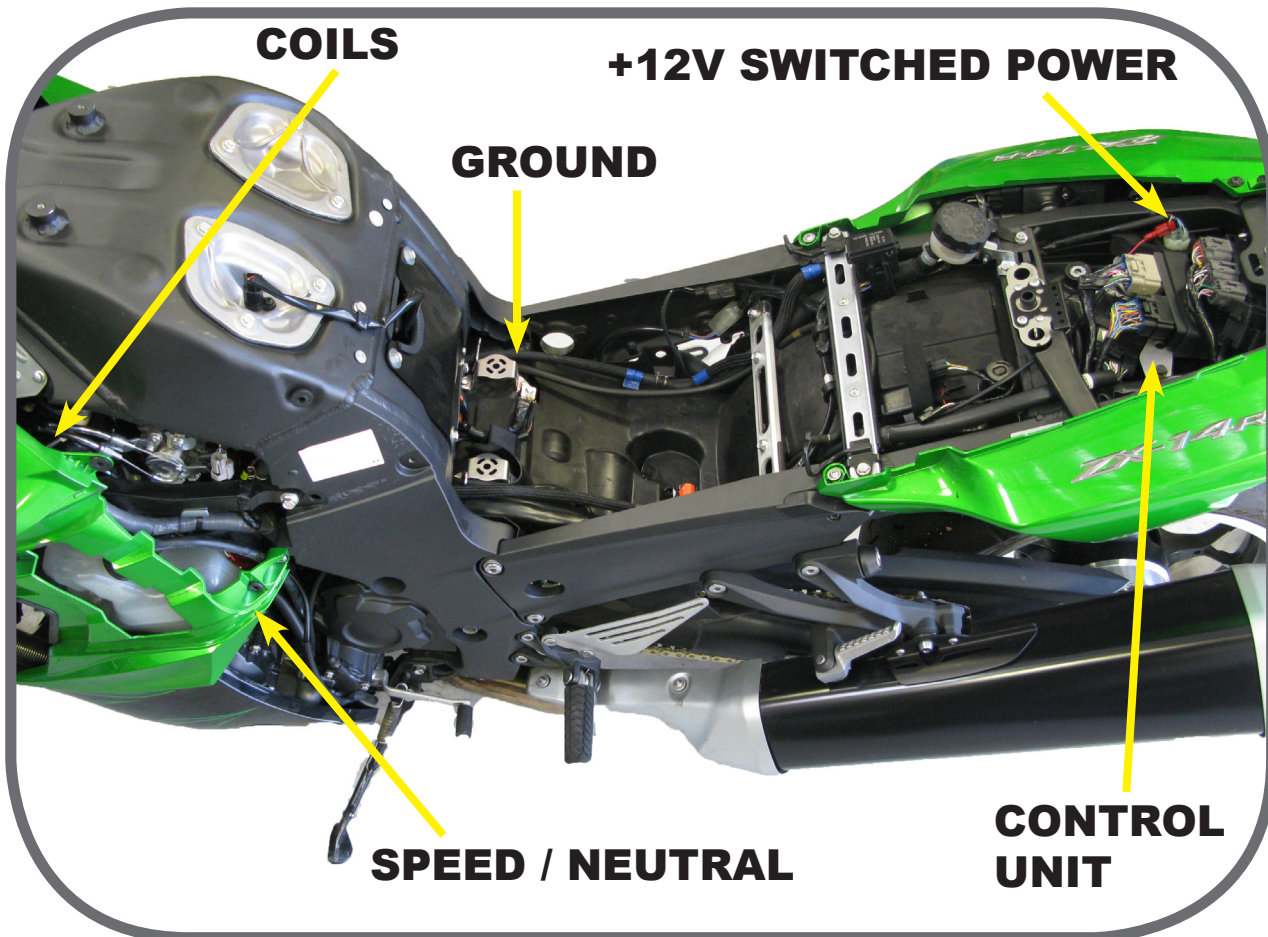


 Bazzaz control unit

5 > CONNECT



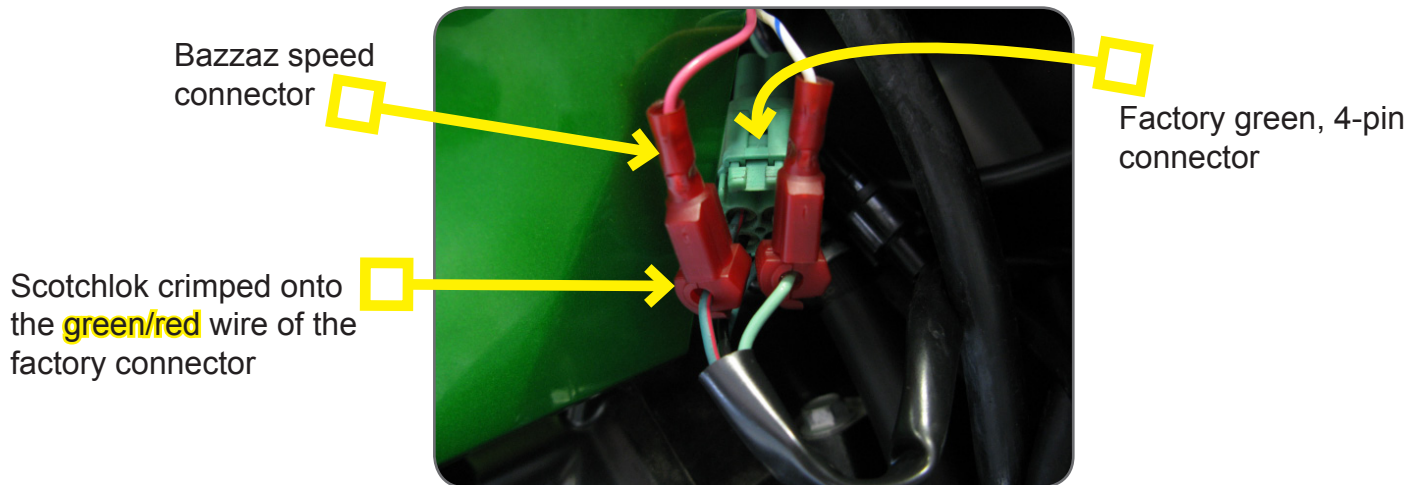
1. Connect the main connector of the Bazzaz QS4 harness to the control unit.



5>CONNECT (CONT.)

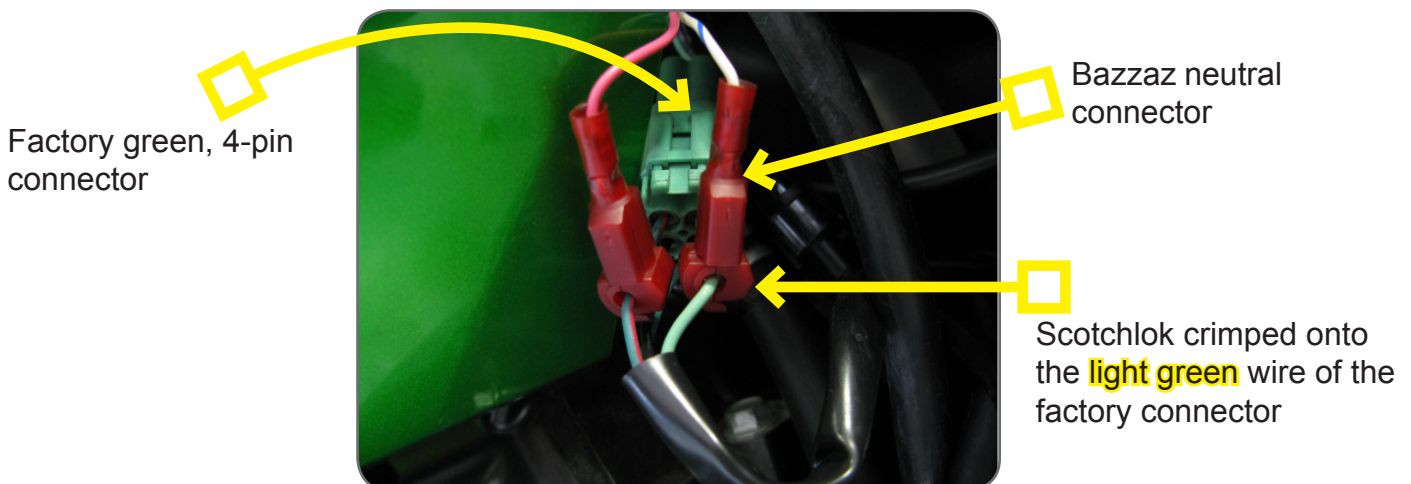
5.1

1. Locate the 4-pin, green, speed connector, which can be found on the left side of the motorcycle and behind the fairing.
 2. Trim the sheathing back of the 4-pin connector, to expose the wiring.
 3. Crimp a supplied scotchlok onto the exposed **green/red** wire.
 4. Insert the Bazzaz SPEED connector (connector having pink wire) into the Scotchlok.
- You will be working on this 4-pin connector in step 5 as well.



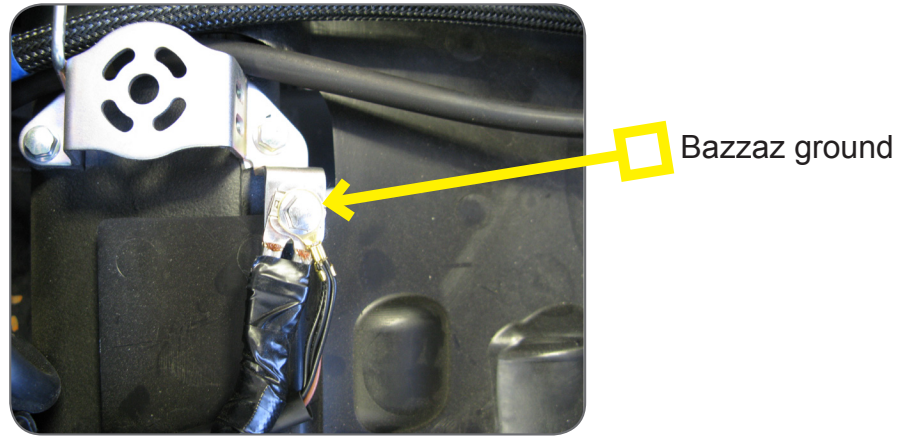
5.2

1. Within the same 4-pin, green, speed connector, locate the exposed light green wire.
2. Crimp a supplied scotchlok onto the **light green** wire.
3. Insert the Bazzaz NEUTRAL connector (connector having blue/white wire) into the Scotchlok.



6>GROUND

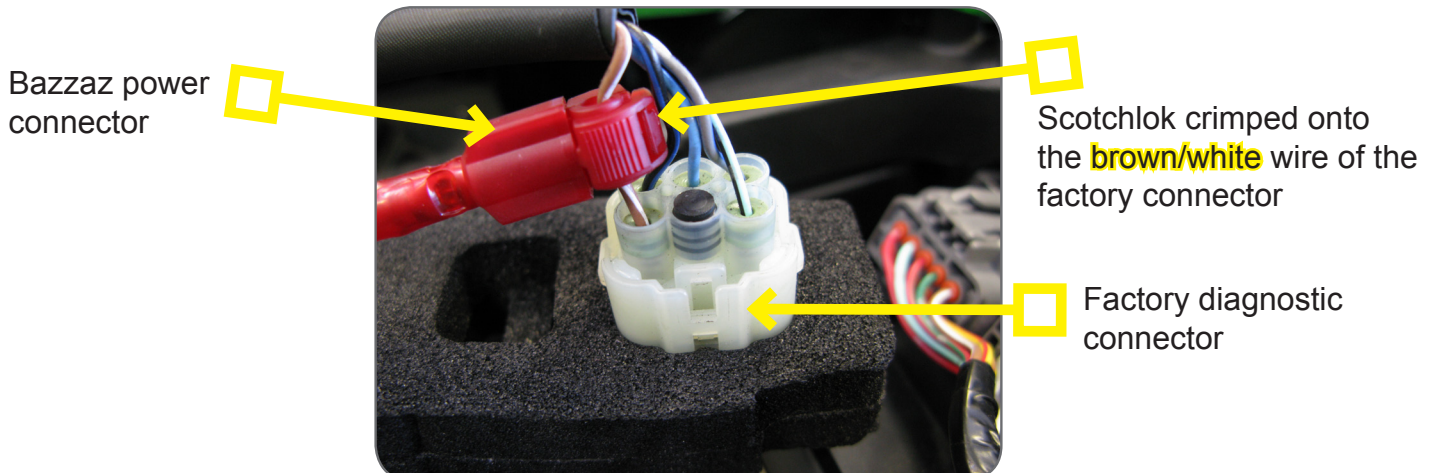
1. Locate a suitable chassis ground and secure the Bazzaz ground to it.



7>CONNECT

7.1

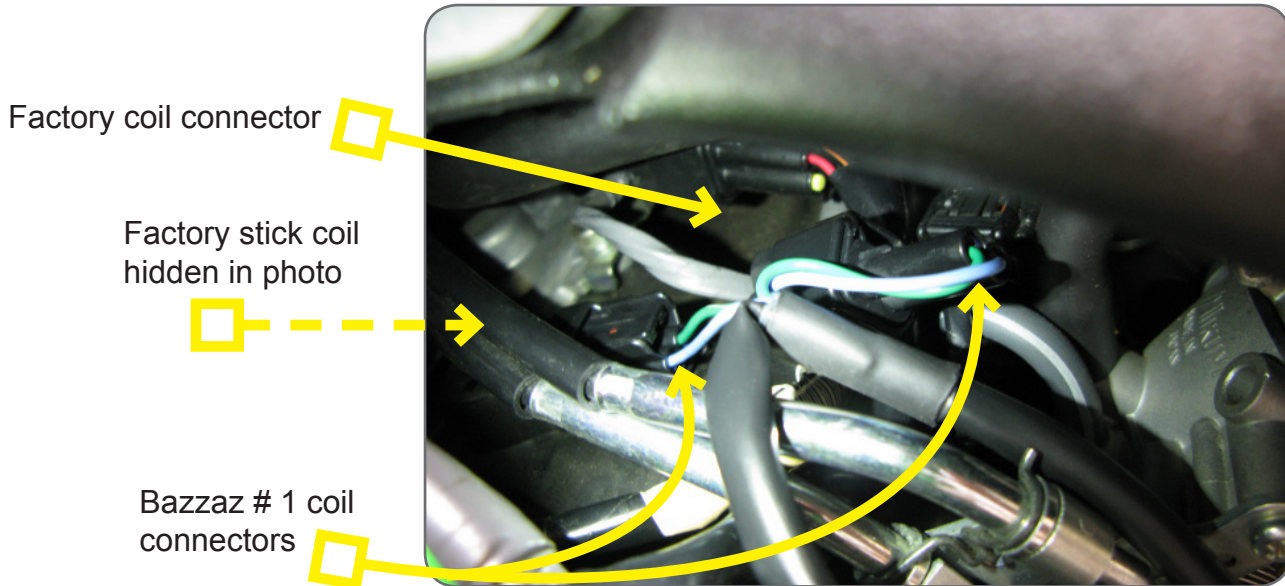
1. Locate the factory diagnostic connector in the tail section of the bike.
2. Crimp a supplied Scotchlok onto the **brown/white** wire of the factory connector.
3. Insert the Bazzaz POWER connector into the Scotchlok.



7>CONNECT (CONT.)

7.2

1. From **left to right**, unplug the factory coil connectors from the stick coils.
2. Plug the Bazzaz COIL connectors in-line, between the factory connectors and stick coils. **Start with the Bazzaz # 1 coil connectors having the blue and green wires.**



8>QUICKSHIFT

1. 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).
2. Route and connect the shift switch connector to the mating connector on the Bazzaz coil harness.

9>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).**

10>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. 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 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 quickshift 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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11>REINSTALL

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

12>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

NOTES



THE SMARTEST PERFORMANCE TUNING TECHNOLOGY



Proudly made in the
United States

Q445S, Q445R