

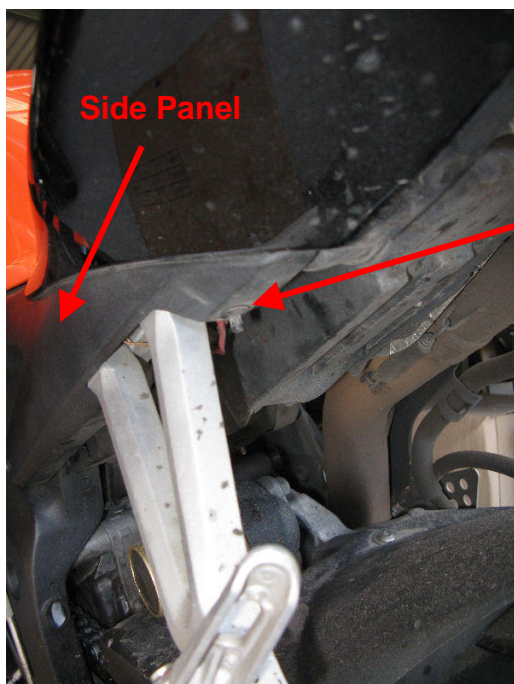
Honda CBR600RR 2005-2006

Installation is straight forward and not difficult. Remove the seat and two side panels to get access to route the cable from the battery to the front of the bike. Then swap the terminals over at the bulbs for the neat install.



Remove the seat.

It has two bolts holding it on, located under the corners of the seat padding.



Take the side panel off.

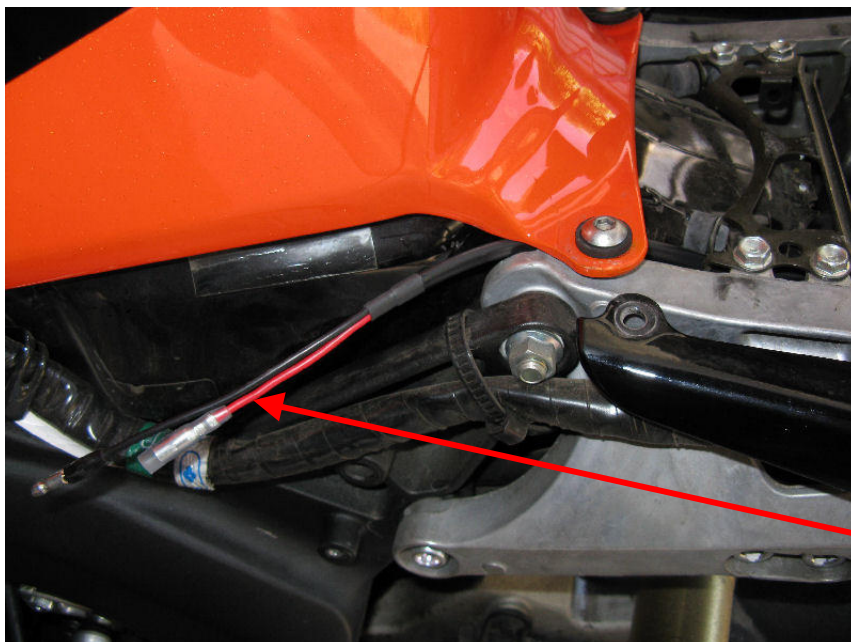
Make sure to remove this plastic retainer.



Remove this top panel.

You will need to remove this bolt...

...and it's also easier if you remove the quick release bolt on the side fairing (just off pictures edge).

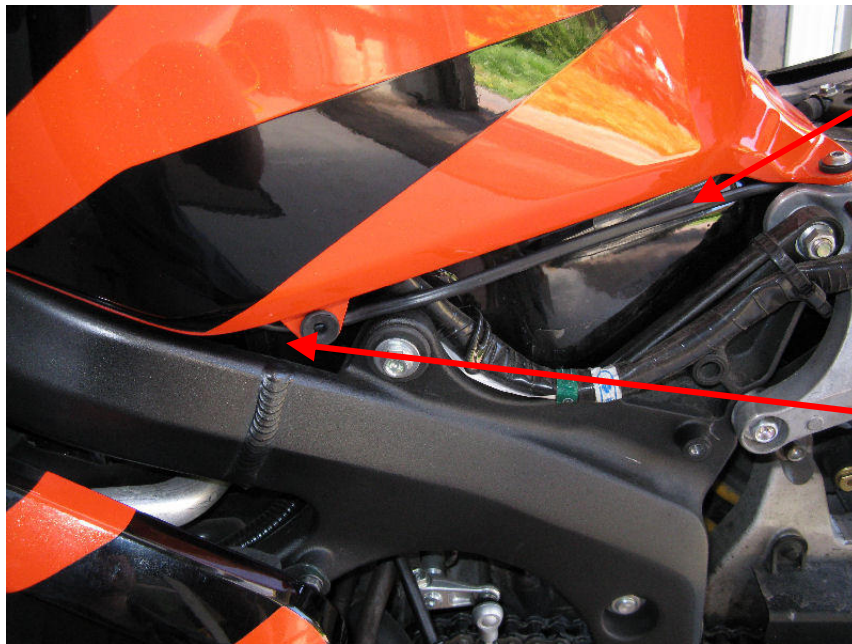


Route the battery cable through here.

Don't bolt the O-Ring terminals to the battery yet. This is the last step.

The high current bullet terminals have a small profile and squeeze through without needing to unbolt the tank.

Battery cable fed through.



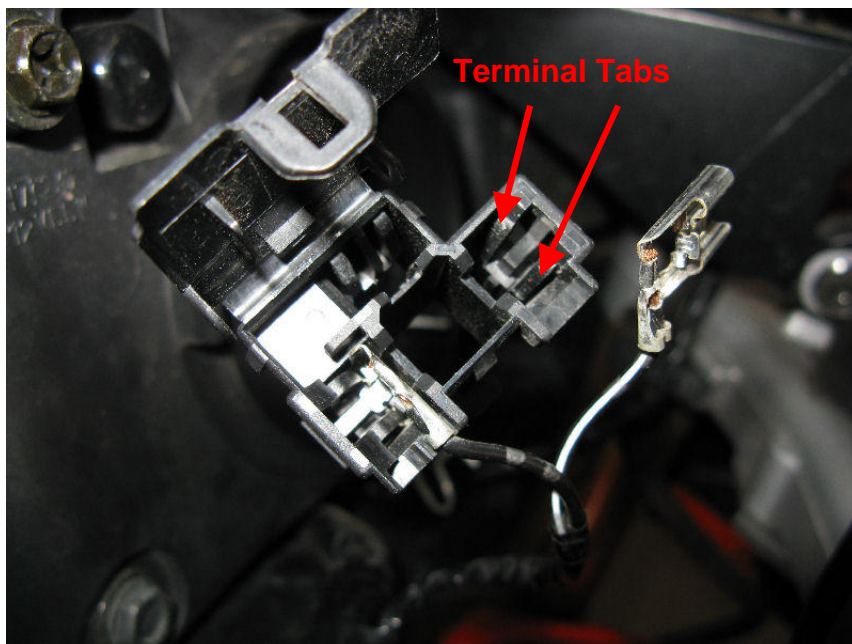
Battery cable

Route the battery cable through here.

The high current bullet terminals have a small profile and squeeze through without needing to unbolt the tank.

Feed cable through here and to the front of the bike, where the top panel was removed.

To make for a neat compact installation, the version of the TL3 has been made with terminals to fit in the existing socket. If instead it was supplied with connectors, they would interfere with the steering. So this is a far better solution.



Plug the headlight plugs off.

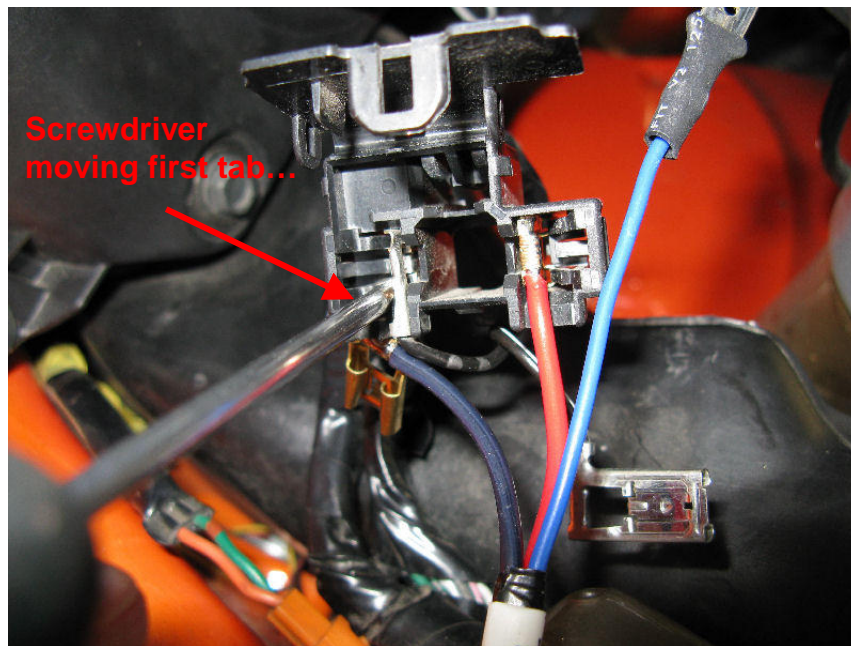
The cover for this connector has 3 side clips. Lift those and you can then hinge the cover back.

You need to remove the terminals, which isn't difficult...

REMOVING THE TERMINALS

There are two (fang like) tabs that hold the terminal in. Use a small flat blade screwdriver to lever the fangs out of the way. Don't pull on the terminal while levering the tab, as the pulling pressure will make moving the tab difficult. Move tab out of the way first, then lift the terminal.

The trick is to do the one near the wire entry first, lift the terminal a little, then do the other.



Screwdriver
moving first tab...

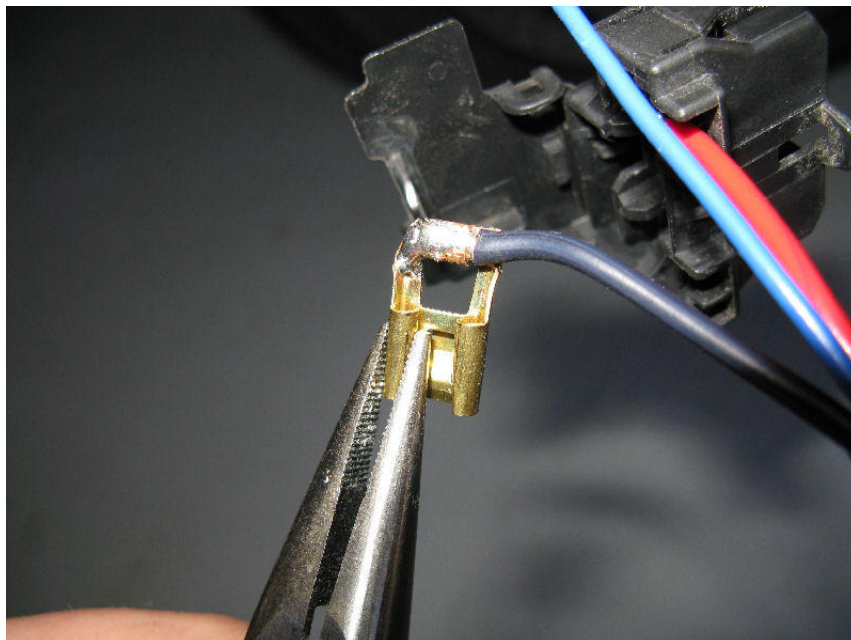
Remove the terminals and replace with the Twinlight's red and black wire terminals.

The Twinlight has cables for both the **Low** and **High** beam. Each cable has a marked with an **L** and **H**. Make sure to fit on the correct sides.

Low beam is on the left for countries where vehicles drive on the left side of the road.

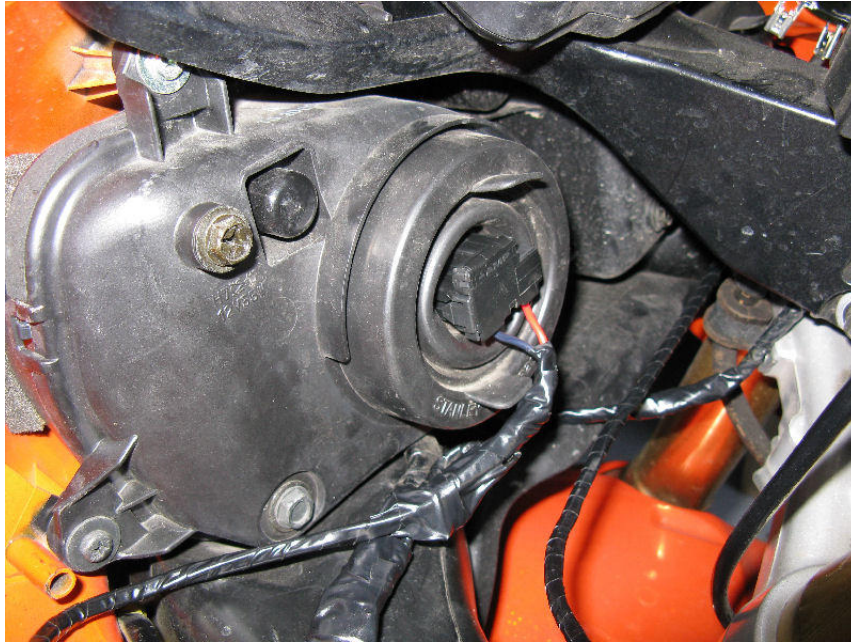
The Twinlight Driver3's blue wire plugs into one of the removed terminals. This is the signal from the bike to the Twinlight Driver3, so it know when you want low and/or high beam on.

Low Beam signal wire is a Black wire with White Stripe.
High Beam signal wire is a Black wire with a Blue Stripe.



If the terminals are difficult to fit in the sockets, give the curled side a very minor squeeze with the pliers.

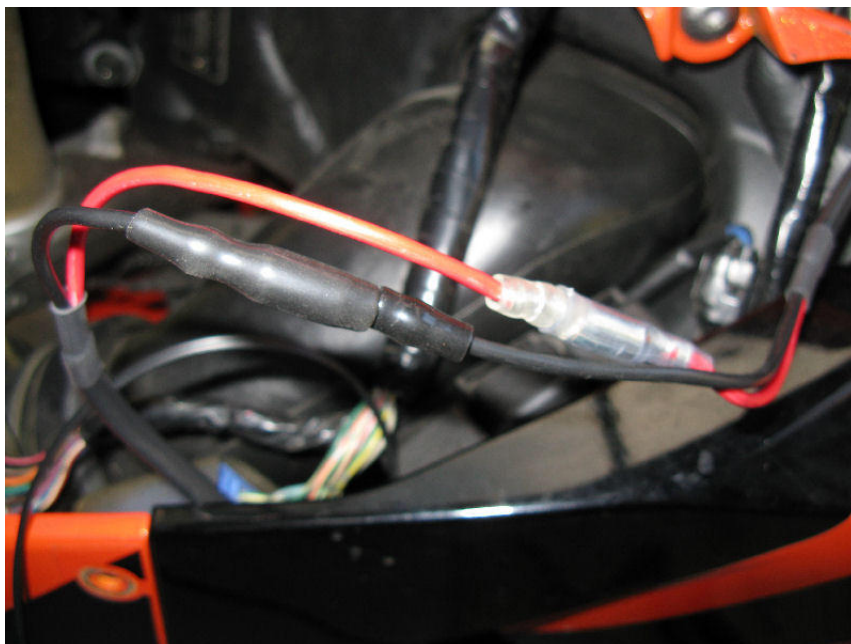
Make sure this is still a gap for the spade to slip in.



Once both headlight plugs have been done, tape up the wiring and loose terminals so they cannot short out.

IMPORTANT:

Check you can move the steering freely and it'

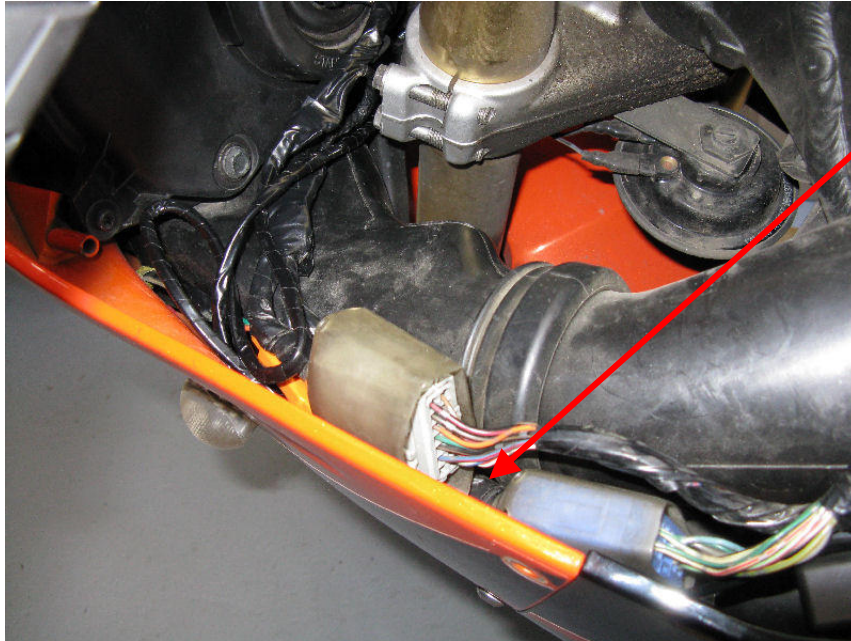


Plug the TL3 to the battery cable.

IMPORTANT:

Make sure you plug these all the way in. Don't stop at the first light click.

They must be fully pushed together, where you'll feel the harder click.



Bury the TL3 under the other wiring.

The TL3 module is quite slim and doesn't get hot. Once buried, it won't get in the way with re-fitting the panel.



Fit the light sensor where it gets a good view of the sky.

It was cable tied here on this bike.

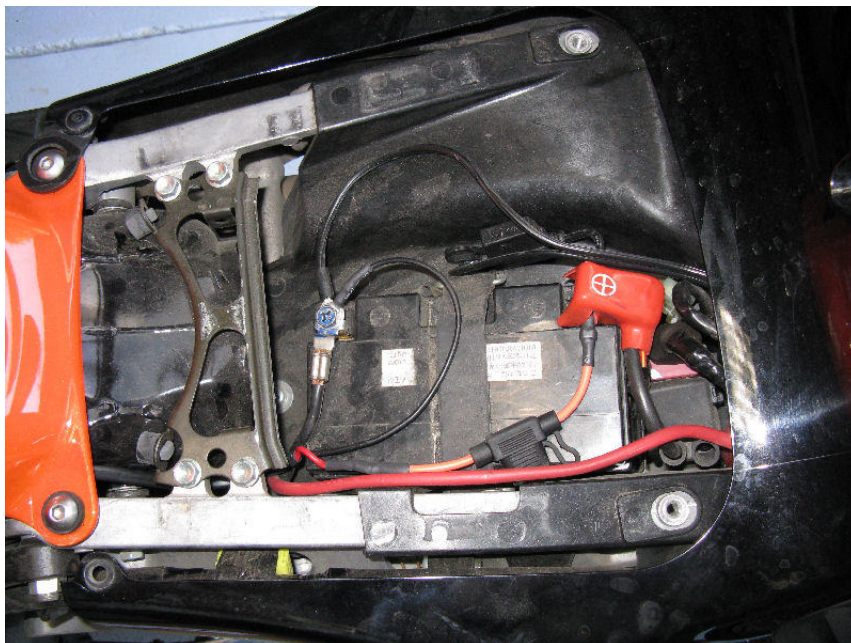
Cable ties are included.



Fit the light sensor in place first, then cable tie it's wire.

Make sure it has some slack to allow steering movement, but not too much slack that it can flap around.

Red line shows the path the wire was routed.



Last step, bolt the TL3 O-Ring terminals to the battery.

To avoid resetting the clock, try to remove the bolt without lifting the bikes battery cables off.

Test your headlights.

With ignition on, you will have the small driving light turn on straight away. With the default settings, the low beam light will turn on after 20 seconds, or as soon as 8 seconds if the engine has been started. You can turn it on sooner yourself by flashing the high beam once. The delayed-on setting has a few options (see user manual).

The high beam will turn on as normal. To setup the highbeam as a daytime running light or with a modulator mode, see the user manual.

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