

# NINJA 250R NO-CUT DIODE KIT

## Installation Instructions

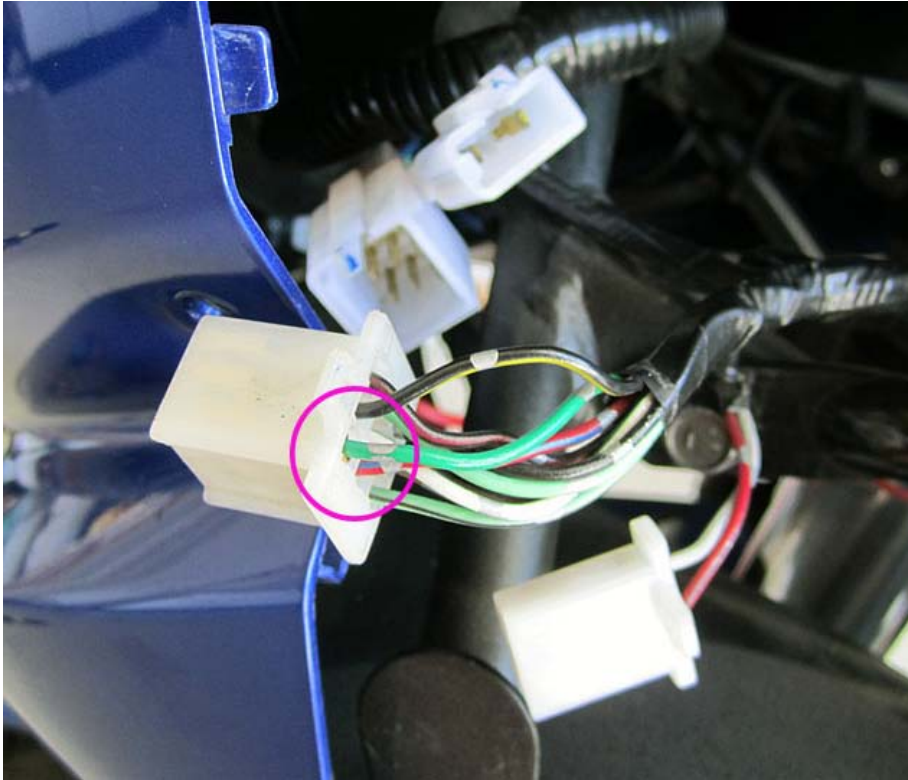
**NOTE:** Color Instructions can be downloaded from <http://www.customled.com/250diodekit>

### Tools you will need:

10mm socket & socket wrench  
small flat screwdriver (glasses or a watch size)



**1)** First thing you will need to do is remove the Left fairing on the motorcycle.

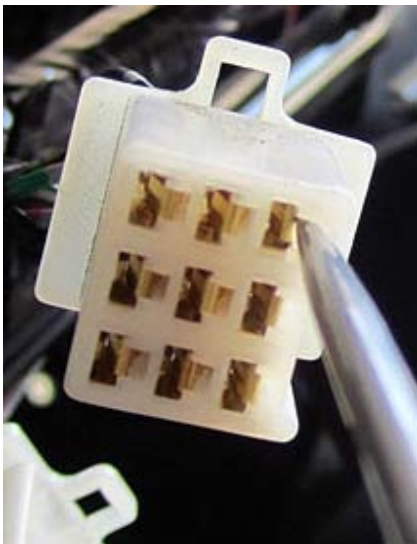


Once the fairing is off, you should easily see the 2 harnesses you will need to disconnect. They are almost right up against the front cowl.

In this picture, you can see the two connectors disconnected.

**2)** Disconnect the two plugs as shown in the picture on the left.

One is a nine-pin connector, the other is a three-pin connector.



Here's a picture of the nine-pin connector you will be removing in case you're a little unsure still.

**3)** Carefully use a pick or small flat-heat screwdriver to bend the tab on the one pin shown, to remove it from the plastic connector.

Just push it in with one hand while gently pulling on the wire with the other hand. Notice that the pick is pushing into the connector on the right side of the pin. That's where the tab is that needs to be pressed down to release the pin.

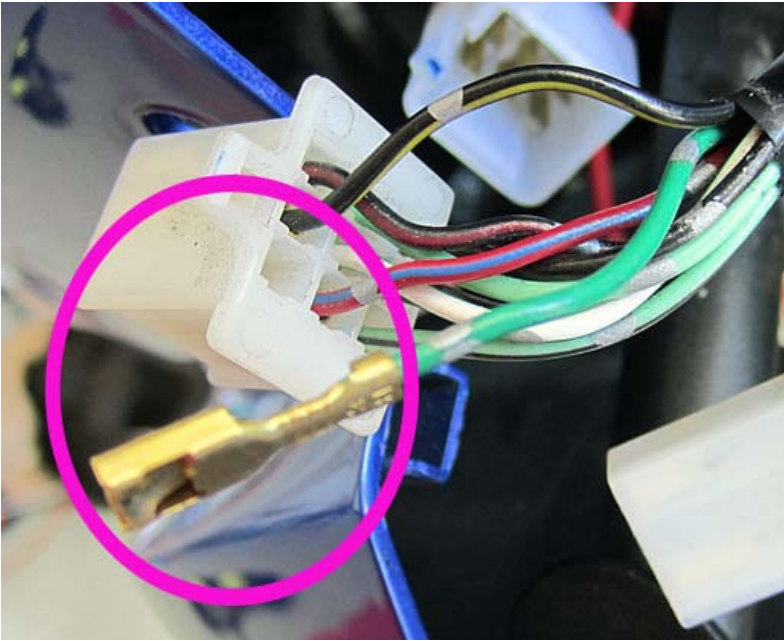
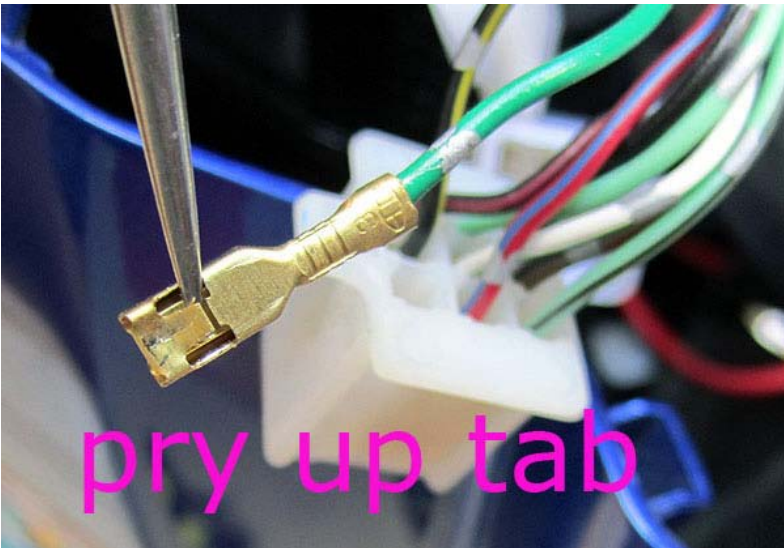
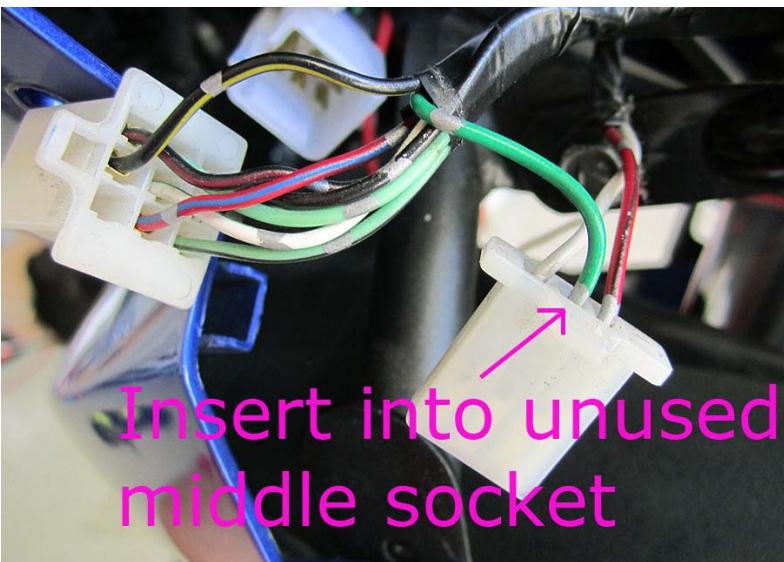


Image of the green wire pulled out. Notice how the tab is bent inwards now that you have removed it.



4) Bend the tab back out so that it sits at an angle. You need to do this for the next step.

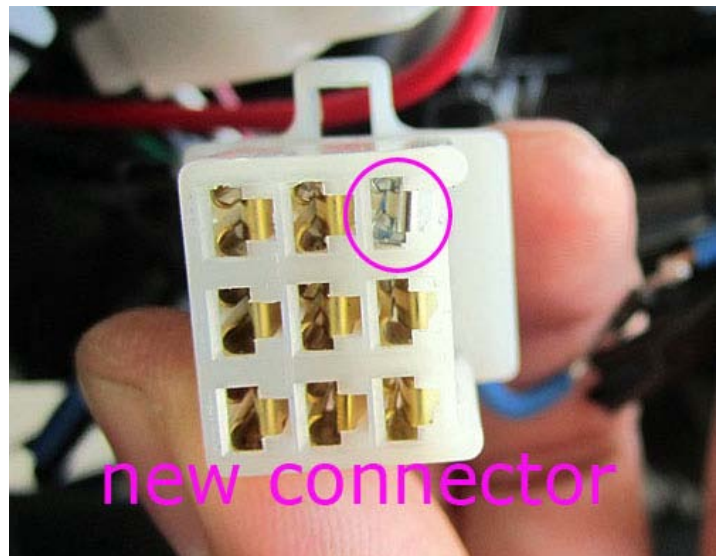
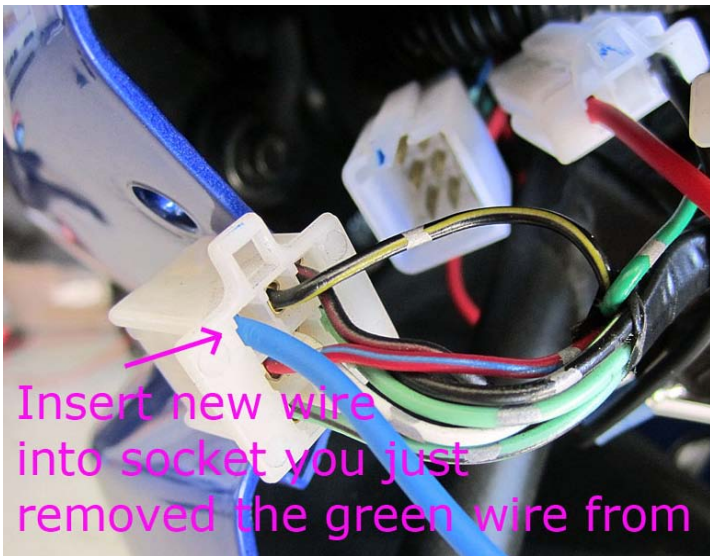


5) Insert the green wire you just removed from the nine-pin connector into the smaller 3 pin connector you unplugged earlier.

There's an empty middle spot that the green wire will fit into (*if not empty, read note below*). Take note of the orientation of the pins so you can insert the green wire properly. You should hear it click in, and it will not pull out. If you didn't bend the tab up in the last step, the green wire will just be loose and not stay in the harness.

**NOTE:** If your motorcycle has a wire already installed in the center position, remove it and install the green wire removed in step 3 as shown. We will reinstall the "stray" wire in step 6b below.





- 6) Install the blue wire from the no-cut diode kit into the nine-pin connector, in the location that the green wire used to be.
- 6b) If your motorcycle had the extra wire in step 5, install this “stray” wire between the red and black wires in 3-pin connector of the no-cut diode kit.
- 7) Connect the plug-and-play diode harness into the 3-pin connectors as shown.
- 8) Remove the bolt shown in the picture below, and install the black wire from the diode harness behind this bolt (see note below).



Pic of the new kit installed with the ground wire attached.

This installation did NOT have the extra wire in step 5.

**Note:** If the kit doesn't seem to work, try using a wire brush or sand paper on the mounting point. It needs a good ground for it to function.