

Wiring Instructions for: Crystal Halo Headlight

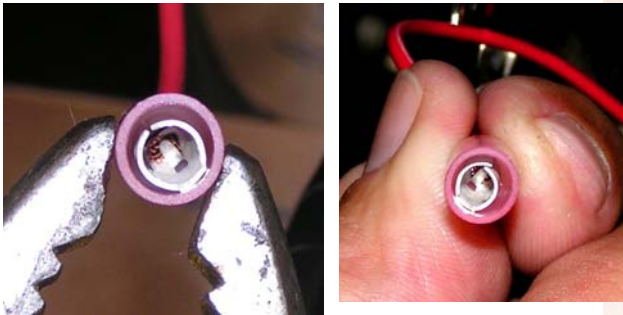
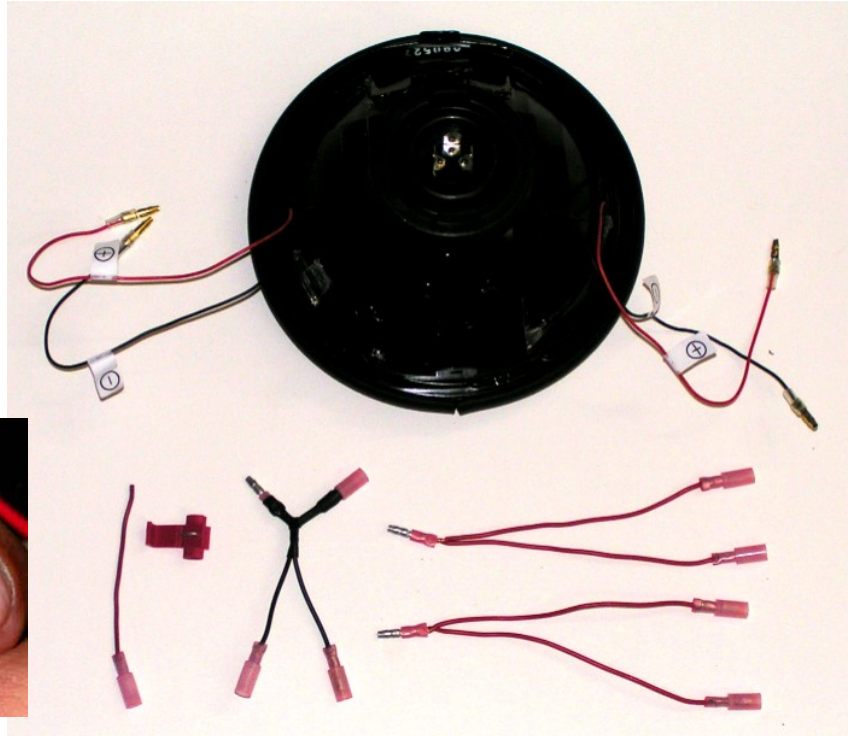
Please follow these instructions carefully!

Tools you will need to provide:

- A pair of needle nose pliers.

Additional parts that are included with the Halo headlight:

As seen in the photo to the left, along with the headlight with wires coming from the two LED groups, there is a **straight** cable, a **wire tap** connector, an **'X'** shaped cable, and two **'V'** shaped cables.



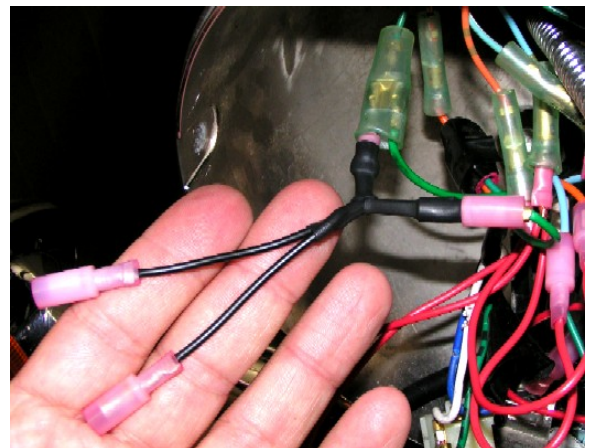
As part of these wiring instructions, you may be told to squeeze (with pliers) one of the supplied cables 'female' connector ends so that the pin from the factory wiring harness will fit snugly. Above, you will see a couple of photos that show the original female connector before and after squeezing:

There are various possible ways to wire the LEDs, below are the two options that this wiring kit supports. All of these connections are made inside the headlight housing.



1. Both methods require that you tap into an existing ground wire. The easiest way to do this is to find the connector shown in the photo to the right. There is one **green** wiring coming into it, and two **green** wires coming out of it. Using the needle-nose pliers, insert them a little ways inside the clear, soft plastic cover, and grab the metal of one of the pins. With your other hand squeezing the upper half of the connector, gently pull out the pin. (It should look like the photo on the left once the pin is pulled out.)

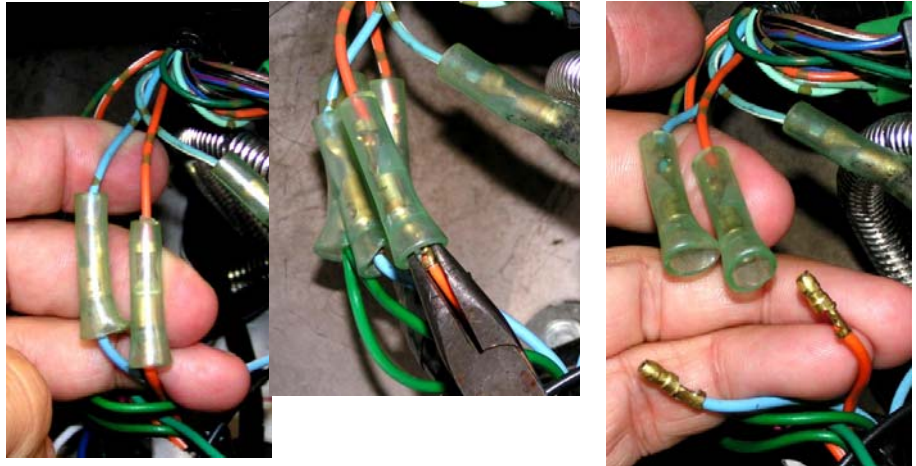
Now insert the pin from the supplied **'X'** cable into the spot where you removed the pin. (It will be a little difficult to insert since the **'X'** cable's pin is slightly larger than the one you removed.) When finished, it should look like the photo on the right. Now you may insert the pins from the LEDs **Black** wires (-) into these female connectors.



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Option 1: Wiring the LEDs into your front turn signals:

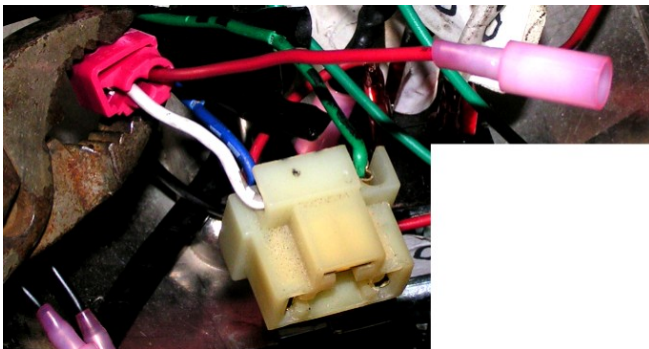
Locate the turn signal wire connectors as shown in the photo to the right. The Right turn signal wire is Light Blue with a few gold dots on it. The Left turn signal wire is Orange with a few gold dots on it. Using the method described in step 1 above, remove each of these pins from their connectors. Now insert the pin from one of the supplied “V” cables into the connector from which you pulled out the pin as shown in the photo below.



Squeeze one of the female connectors a bit, and insert the pin from the **Orange** wire into the connector (it should be a snug fit.) Now take the **Red (+)** wire from the **Left** LEDs and insert it into the other female connector of this “V” cable. Now repeat this process for the **Light Blue** wire that you had removed with the **Right** LEDs.

Before putting your headlight back into the housing, test your turn signals to be sure they are operating correctly. If they are not, recheck your wire connections.

Option 2: Wiring your LEDs so that they turn on with your headlight.



Using the supplied wire tap and **Straight** cable, connect the cable to either the **White** wire (**Low** beam), or **Blue** wire (**High** beam) of the bulb connector. Squeeze it closed with a pair of pliers (You may want to wrap a small piece of electrical tape around this wire tap to ensure that it never releases its grip). Now insert one of the supplied “V” cable pins into the female connector of the **Straight** cable. Next insert the pins from the LED **Red (+)** wires into each of the female connectors of the “V” cable. Plug the bulb connector onto the crystal Halo headlight to test. If the

LEDs do not light up with either the Low or High beam, check your wire connections.

Now carefully push all of the wires into the headlight housing being careful not to pinch any. Congratulations on a successful installation! Your ride is now equipped with one of the most unique headlights known to man.