



!! READ INSTRUCTIONS BEFORE CUTTING ANY WIRES !!

The OTB-POL-HDL-14-17 is intended to repair and upgrade broken or melted headlight wires at the connector. The problem with the current Polaris wiring is that it is too thin of wire for the current as well as it is a low strand 20AWG wire. This combination causes the wires to fail where they enter the connector after a very short period of time. The product you are installing not only lengthens the wire but the wires used in this product are vibration resistant wires that have more strands and a thick insulation to help support the wire.

Tools Required:

1. Wire cutters
2. Wire strippers
3. 18-22 AWG crimping pliers
4. Heat gun or hair dryer
5. Common Hand Tools

Installation Instructions:

1. Unplug the headlight connector from the headlight by pressing down on the tab and pulling on the connector.
2. The back side of the 4 pin connector you disconnected in step 1 has small position letters A-B-C-D where they attach to the connector. Write down the wire colors for each Letter. **This is a very crucial step.** Failure to do this will result in you having to find a service manual to determine which wire colors go to which position.(Note: This harness has all 4 wires populated in the connector. This is to accommodate either a right hand or left hand headlight wiring harness repair as they are different. During this installation there will be one wire that is not used.)

Position A Wire Color is _____

Position B Wire Color is _____

Position C Wire Color is _____

Position D Wire Color is _____

3. Now that you have written down all the existing wire colors. Take the wire cutters and cut each wire leaving about an inch of wire on the old connector.
4. Remove approximately one quarter inch of insulation from each wire.
5. Connect each wire from the chart in step 3 one at a time. Use the 18-22 AWG crimping pliers and crimp each wire.
 1. Position A goes to RED
 2. Position B goes to BLACK
 3. Position C goes to YELLOW
 4. Position D goes to GREEN

6. Take the Heat gun or hair dryer and heat up the 3 connections that you made. The appropriate amount of heat has been applied when you see the glue coming out the back of each splice. Your splices should look like the wires that are already attached to the harness.
7. Slide the black heat shrink tubing over the entire repair and use the heat gun to shrink the tubing over the whole splice.
8. Plug in the new connector and make sure the wire harness does not have any sharp kinks or bends and is out of the way from moving components like tires and suspension. Use zip ties if necessary to ensure the harness is tucked away.
9. Enjoy not having to worry about repairing this connection again.

Disclaimer:

By installing this product you agree that OTB Powersports products make no representations or warranties, either express or implied, of any kind with respect to the product sold. You agree that in no event shall OTB Powersports be liable for indirect, consequential, or punitive damages related to the installation or use of this product. Please do yourself a favor, if you don't know how to perform basic wiring repair or don't own the tools, get the tools and or have a qualified person install the product for you.