

2009 Canyon Star – Headlight Replacement

Parts Ordered:

Qty 2 – 5 ¾" Round Headlight Conversion – Purchased from Amazon.com in Feb. 2014 for \$12.95 ea. Description reads that "Removable Bulb - H4 Not included", but there were blue tinted bulbs with each assembly. (NOTE: There are other headlight conversion assemblies available from Amazon and other sources that may be of better quality; this is just what I used.)

Qty 2 – HELLA H83160211 HB2 9003 Series 12V 60/55W Bulb – Purchased from Amazon.com in Feb. 2014 for \$8.10 ea. Ended up using instead of the blue tinted bulbs that came with headlights.

Tools Needed:

Phillips head screwdriver #2

7/16" box wrench

Rags for cleanup (optional)

Replacement Instructions:

1. You will need to raise the hood to get access to the backsides of the headlight fascias.
2. Loosen and remove the three 7/16" nuts as shown in fig. 1 below.

NOTE: Each bolt has a large flat washer and small lock washer that should be removed before pulling off the fascia.



Figure 1

3. Next, from the outside, remove the Phillips head screw shown in fig. 2 below.

NOTE: It helps to do this after removing the nuts in step 2 above, to hold the fascia in place.



Figure 2

4. Set the fascia to the side for now. I also went ahead at this point and cleaned the fascia and headlight mount area with the rag and soapy water because of the road grim that was built up around the edges and behind the fascia.



Figure 3

5. Now, remove the three Phillips head screws that are holding the chrome frame around the headlight shown in fig. 4 below.

NOTE: Be careful to only remove the screws holding the chrome frame as there are Phillips head screws also just beside these that are for adjusting the beam. If you don't touch these, your lights should remain where they were from the factory alignment.



6. Next, carefully pull the old headlight from the socket to get access to the plug in the back.
7. Unplug and swap out your new headlight housing.

NOTE: Be sure on the new headlight that the rubber grommet is one with a snug fit around the back of the headlight and around the bulb to prevent moisture from getting in.
8. Replace the fascia starting with the Phillips head screw on the outside, but only loose enough to hold in place to allow you to get the washers and nuts replaced.

NOTE: Tighten the nuts by hand until they are snug against the inside wall but still allow you to adjust the fascia as needed. Once alignment of the fascia is where you want it, tightening down the nuts with the wrench in $\frac{1}{4}$ turns to prevent cracking the fiberglass. Don't forget to also tighten the Phillips head screw on the outside, but also just enough to be snug and not crack the fiberglass and plastic.
9. Repeat the steps 2-8 for the other side.

IMPORTANT: You may want to replace both headlights down to step #7 and test drive at night to determine if any beam adjustments are needed since the fascias have to be off to adjust the beam directions. Once you are happy with the beam alignment, finish with step #8 to replace the fascias.