

CATS Classic Cougar Club

Installation of the Headlight Relay Pack from Rocketman's Classic Cougar Innovations LLC

Model: HRKF - Headlight Relay Kit, Full

Difficulty Level: 2/10 (Easy)

Installation Time: 1.5 Hours

Installer: Scott Zeller

Cougar: 1969 XR7 Hardtop

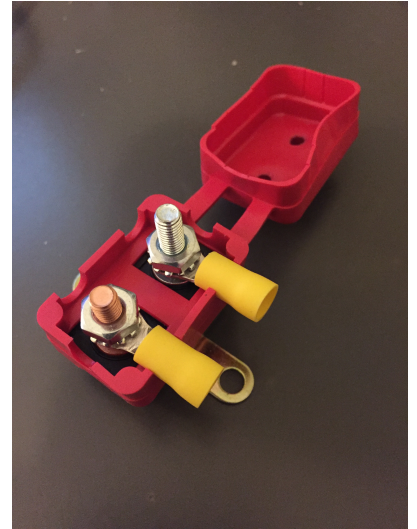
For those of you who may be thinking about upgrading your dual sealed beam factory headlights to Halogen, I am providing you with my step-by-step installation for the headlight relay. Halogen bulbs were purchased from West Coast Classic Cougar:

- **High / Low Beam Headlamp - H5006 - with FoMoCo Logo - Repro**
- **High Beam Headlamp - H5001 - with FoMoCo Logo - Repro**

The relay from Rocketman arrived in two bags with instructions that are included (below). They included two headlight relay pack controllers and a 35A circuit breaker with a nifty red rubber case and required connectors (Pic).

Additionally, the power feed wire which is black with a red stripe was provided. It will need to be cut to your specifications and they provided plenty of length.

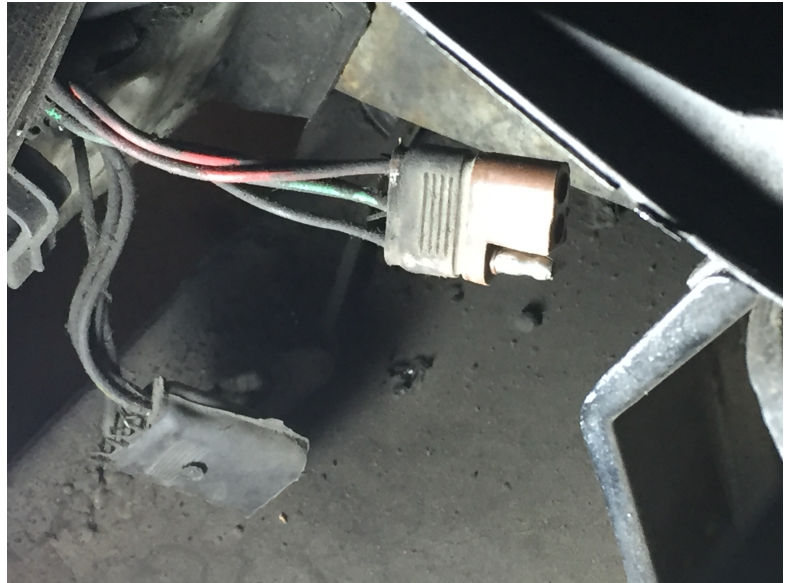
Start by identifying your two headlight connections on both sides. Both were resting just above my valance and hanging and were not too difficult to disconnect. ***Be aware, it is easy to mistake your two turn signal connections for your two headlight connections.*** As you can see below, they look almost identical so **trace the wires back to your headlights** and be sure to disconnect the correct connection.



This connector with the red and green wires are the correct headlight connection whereas the one below it is for the turn signal. (Again, you can just trace this to the turn signal) The headlight connector also has a brown casing at the connection, where as the turn signal connection did not.



Connecting the two relay pack controllers was not especially difficult. I recommend removing both horns to give you greater access. Finding a good place to mount it was a bit of a challenge since you only have a limited amount of wire length to play with. As you can see, I opted for using Neodymium ring magnets (Super Strong!), since I did not want to have to drill and bolt these boxes in. A drop of Goop on each box held magnets in place and I stuck them under the support bracket above the valance. Easily removable! (see pic). Also easy to maneuver and the magnets do not affect the components or performance of the relay boxes.



Now that I have both boxes mounted and connected, I had to install the provided female crimp-on connector (pic) to the power wire on the drivers side and I ran the wire along the valance towards the battery. I decided to mount the circuit breaker below the voltage regulator. I could have hid it but I would rather have this accessible in the event it needed to be replaced. The silver post of the circuit breaker goes to the relay box and the copper post goes to the starter solenoid, which is connected to the positive terminal of the battery. (see pics below) The entire length of the black and red stripe power wire ran under the battery shelf so it is fairly hidden. With new Halogen bulbs installed and everything in place, I can now enjoy night time driving a bit more. **Very bright bulbs! The difference is Night and Day! (ouch! bad pun...sorry)**



Products, mounting and installation of these items will differ for 67-68 and potentially 70 cougars, so please take that into consideration when ordering and deciding where to install.

Online Ordering Relay Boxes: <http://www.rccinnovations.com/index.php?show=menu-hrk-all>

Online Ordering Bulbs from WCCC: <https://secure.cougarpartscatalog.com/store/Search.aspx?SearchTerms=C9W%20halogen%20bulb>

Instructions/Click Here:
<http://www.rccinnovations.com/Instructions/RelayPac-Full.pdf>



