

# **CATHEADLIGHTS**

## **1967/68 Mercury Cougar**

### **Electric Headlight Conversion**

### **Troubleshooting**

#### **Problem:**

One of my headlight doors is stuck in the “UP” position when I turn my headlights off.

- 1. Did the fuse blow?**
- 2. Is the motor still trying to close the headlight cover?**
- 3. Is the motor getting hot?**
- 4. Does the other side still open/ operate correctly?**

#### **Solution:**

- 1. Do not try to turn the motor knob while there is power connected to the headlight motor system!**
- 2. Immediately remove power from the headlight motor system. This can easily be done by removing the fuse.**
- 3. Try to close the headlight cover by turning the motor knob COUNTERCLOCKWISE, (yes it is hard to get a hand under the cover), if you cannot close the cover by turning the knob counterclockwise, turn the knob clockwise to close the cover.**
- 4. If you got the cover to close by turning the motor knob clockwise, your system is binding.**
  - 1. Go back to your original installation instructions and repeat steps 15 and 16.**

**You must do a complete manual opening and closing of each cover to check for binding. Did you turn in ,adjust bump stops all the way in? All kits are shipped ready to bolt in, no tightening of any motor arm or adjustable arm to motor arm is required. Adjustable arm must be able to spin freely on short motor arm. IF there is any binding, the adjustable arm may need to be lengthened. Then, repeat the adjustment steps again.**

**2. After you have completed the manual opening and closing of the cover, by turning the motor knob counterclockwise to open, then continue to turn counterclockwise to close, and everything works smoothly, replace the fuse. Turn on your headlights, turn off your headlights. This solves most problems.**

### **If this did not solve your problem:**

- 1. Remove power to the system by removing the fuse.**
- 2. Close stuck cover by turning knob counterclockwise or clockwise, just as long as you can get the cover closed.**
- 3. Unbolt the adjustable arm( heim joint) from the headlight cover. Next, unbolt the adjustable arm from the short motor arm. DO NOT unbolt the short motor arm from the motor. At this point, nothing is connected to the headlight cover, no linkage should be obstructing the motor or motor arm.**
- 4. Replace the fuse. Did the motor move? Is the motor arm aligned with the gray mark on the motor mount? With someone else turning on the headlights, does the motor move? The motor arm should now be 180 degrees opposite of the gray mark on the motor mount. Turn off the headlights. Did the motor move? Did the motor arms return to align with gray mark on the motor mount?  
If your motor moved with headlights on, and then off, returning to the alignment position (gray mark) then your motor is fine and you need to readjust your system using the original instructions and tips above.**
- 5. If your motor did not move, its bad, return the motor for a warranty replacement.**

**ANY MOTORS FOUND NOT TO BE DEFFECTIVE WILL BE CHARGED A SHIPPING AND HANDLING FEE OF \$20 INSIDE THE US AND WILL VARY OUTSIDE THE US.**

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**PROBLEM:**

**One of my headlight covers continuously opens and closes and does not stop. All Remanufactured motors are tested and ran for a period of time, but sometimes, the electrical contacts are not completely “broke in”. The remanufacturing process sometimes adds too much grease on the gear, causing the electrical contacts to not come in contact properly.**

- 1. Remove the fuse.**
- 2. Completely remove that motor and mount from the car.**
- 3. Remove the electrical cover from the motor by removing 2 screws on the plastic cover. Try to clean out excess grease. On the plastic electrical cover, “gently” pry the 3 contacts outward slightly. This will help give the contacts more pressure on the electrical trace on the gear. Replace the cover.**
- 4. Test the motor outside of the car by: removing the adjustable arm from the motor arm. DO NOT remove the motor arm from the motor. Keeping your hands clear of the motor arm, plug the motor back in, replace the fuse. Does the motor continue to turn? Did the motor arm realign itself to the gray mark on the mount and stop? Turn on the headlights. Did the motor arm rotate and stop?**
- 5. If these tips did not solve the issue, return the motor for a warranty replacement. ANY MOTORS FOUND NOT TO BE DEFFECTIVE WILL BE CHARGED A SHIPPING AND HANDLING FEE OF \$20 INSIDE THE US AND WILL VARY OUTSIDE THE US.**

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