



## Light Bulb Replacement Instructions

**IMPORTANT: DISCONNECT LIGHT OR LIGHT BAR FROM BATTERY BEFORE PROCEEDING.  
FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY OR OTHER DAMAGE.**

### Tools Needed



You will need the following tools above and a replacement bulb:

#2 Phillips Screwdriver

\* Replacement Bulb Assembly

Needle Nose Pliers

Small Flat Blade Screwdriver

Tiny Flat Blade Screwdriver or Similar Tool

Metric M4 Hex Key

\* The bulbs included in your Monster Tower Lights or Light Bar are 55 Watts each and should only be replaced with a bulb of equal or less wattage. Bulbs with a wattage greater than 55 Watts will exceed product design tolerances and could produce hazardous results such as melted lens covers and / or wiring, damaged switches, continuously blown fuses or fire.

The industry standard description for replacement bulbs is:

**H3 Miniature Halogen T-3 1/4 Lamp with PK22s Base**

**Note:** These bulbs are available for 36, 24, 12 & 6 Volt applications. You will need a **12 Volt** version.

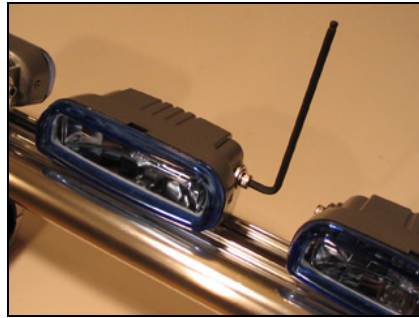
Bulbs may be purchased from your local auto parts retailer or from the following source:

<http://www.bulbs.com>

Part Number: H3 55W 12V

### Step 1

After disconnecting power to the light / light bar, start by remove the light from the bracket by removing the socket head cap screws from both sides of light housing.



### Step 2

Remove the Phillips head screws from both sides of the lens assembly to free it from the housing.



### Step 3

The next objective will be to produce enough slack in the wiring to allow complete removal of the lens assembly and provide adequate access to rear of the lens and interior of the housing. This can be accomplished by a couple of methods and each requires careful attention to prevent damage to wiring and /or insulation.

#### Method A

Using a sharp tool such as a pocket or hobby knife, carefully split the black heat shrink encasing the wires near where they enter the housing. To prevent damaging the wires or insulation, insert the knife under the edge of the heat shrink material and cut upwards. This will prevent the cutting edge of the tool from contacting the wires. **Pay close attention to location and position of hands and fingers during this step to avoid accidental injury.** After cutting heat shrink an inch or so, pull it back and trim excess.



### Method B

You may opt to produce the slack needed by pushing the entire strain relief gasket through the housing. To do this, use a blunt tool such as a small flat blade screwdriver to work around the edges of the gasket in a circular motion to gradually work the gasket inwards. NOTE: Although this method is safer and will leave the heat shrink in tact, re-seating the strain relief gasket without damaging the wiring can be a bit challenging.



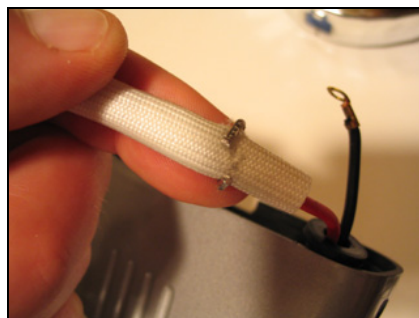
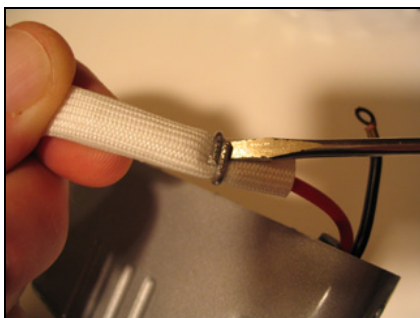
### Step 4

Once sufficient slack has been obtained, completely remove lens assembly from housing. Next, using a #2 Phillips screwdriver, remove the screw from the back of the lens assembly. This will release the black wire and bulb from the lens completely freeing it from the housing.



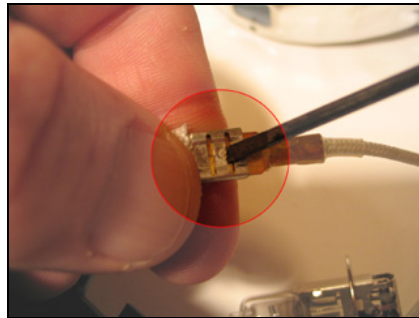
### Step 5

Using a tiny flat blade screwdriver or similar tool, work the aluminum retaining clip free from around the white protective sleeve by gently bending it upwards. Take care not to injure yourself or damage the sleeve material. Remove the clip and set aside for later replacement. Slide the white protective material away from the bulb to expose the connectors.



### Step 6

Looking at the back side of the silver connector, you will notice a "middle bar". You will need to be GENTLY pry this bar upwards using a tiny flat blade screwdriver, or similar tool, to release the flat copper colored connector attached to the bulb assembly.



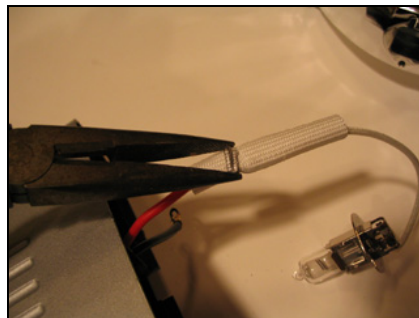
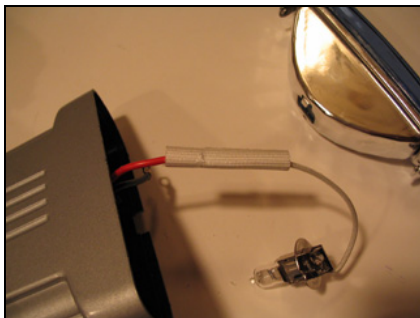
### Step 7

Once you've removed the old bulb's copper connector from the silver connector, use a pair of needle nose pliers to gently squeeze the middle part of silver connector back downwards and then insert the connector from new bulb. If middle bar of silver connector has been pushed down far enough, it will prevent the two connectors from separating. Gently pull wires on each side of connector to ensure this is the case. If not, repeat this step until the connectors no longer separate from one another.



### Step 8

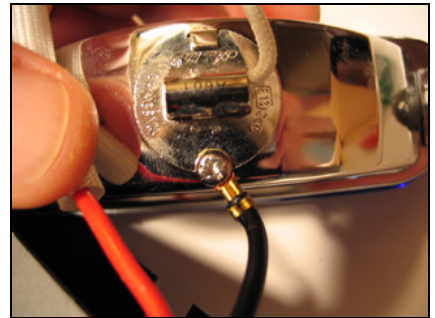
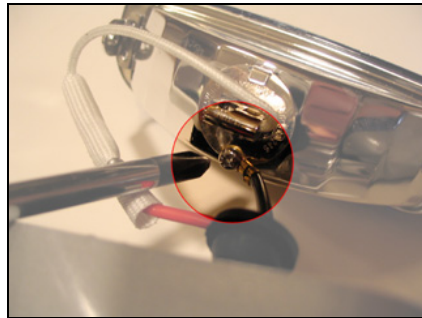
Slide the white protective material back in place so that it fully covers the connectors. Replace small aluminum retaining clip by gently squeezing it back in place with needle nose pliers. **Be sure clip does not contact any part of metal connectors underneath to prevent a short-circuit from occurring.** (Option: If available, you may use a plastic ty-wrap for this step and discard the metal clip.)





### **Step 9**

Insert bulb into lens assembly. Note, the square shaped notch seats under the protruding retainer with the round shaped notch located next to the screw hole. Secure the bulb and black wire to the lens by placing screw through the connector on end of black wire and screwing back into assembly.



### **Step 10**

From this point, complete reassembly by reversing remaining steps. If you chose Method B from Step 3 above, you will need to use needle nose pliers and / or a flat blade screwdriver to GENTLY work the strain relief fitting back into place. Use extreme care not to crimp, puncture or otherwise damage wiring during this process. If you chose Method A, electrical tape may be used to conceal any exposed wiring.



Should you have any questions or need further assistance with this procedure, please do not hesitate to contact us:

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