

## ***HTD LIGHTING ENGINEERING***

### ***Providing***

#### ***LED Lights for all your Model Railroading and Hobby needs.***

LED Installation for a Caboose 6" x 2" x 4" with anti-flickering device no tail lights. Your kit also included some shrink tubing, double face tape and wire nuts that fit the wire perfect should you need to cut the lengths.

***REMOVAL OF BEZELS FROM TAIL LIGHTS:*** You will see that the bezels are installed on the Led lights, simply hold one side near the back part of the bulb while lightly pulling on the front black piece and they will separate, when reinstalling just do the opposite

***REINSTALLING OF THE BEZEL:*** The black bezels install on the Led lights by sliding the clear part already installed on the wires right behind the bulb, make sure you push it over the wires up snug behind the bulb, while holding it there install the black front by pushing it onto the clear part, you can also set the depth of the bulb as you desire if you like it to protrude a little instead of being flush..

***TO INSTALL LED THE BE.ZEL IN ROLLING STOCK:*** You then need to drill a hole approximately a 9/32 works the best and make sure all the rough edges are removed, then install the Led from the rear through the hole and then install your front black bezel onto the Led, you can then push the whole assembled Led into your fresh drilled hole and it will fit just perfect. While holding the front snug to the body of the car you can push the bulb out from the inside so the bulb is exposed slightly or flush mount it for whatever desired look you like, your choice.

***WIRE COLOR:*** The solid red wire is the Positive, and the red/black is negative (-), if you were to hook these up incorrectly the only thing that will happen is they will not light up. If for some reason you need to cut the wires on the Led lights, do not cut near the bulbs, pins or the center where the heat shrink is located .Please make sure when

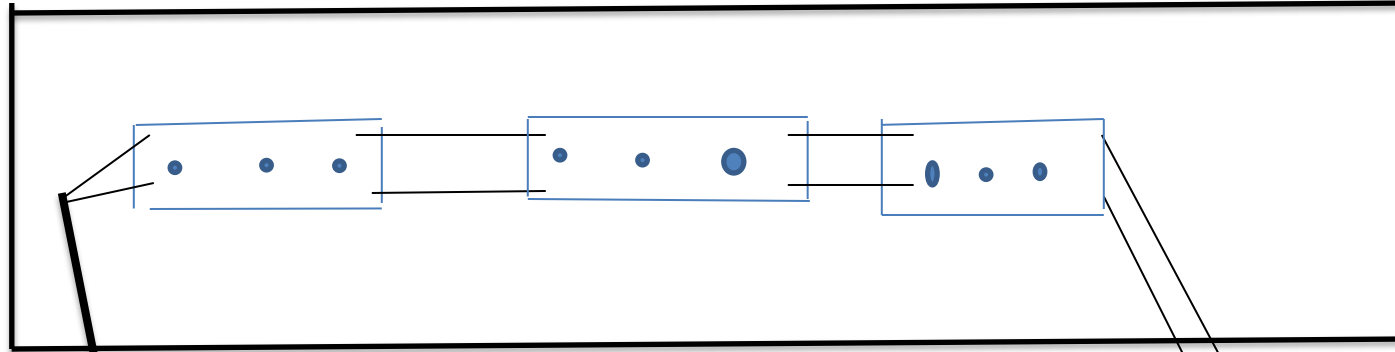
reconnecting the wires after you have cut them and restriped your ends that you keep the solid red wire which is the positive (+) and the black wire is the negative (-) connected back to the same colors.

If you have any problems or questions please feel free to contact Technical Support by either phone at 760-231-1884 or by email at [htdinfo@cox.net](mailto:htdinfo@cox.net)

Thank you again for your order.  
Warmest Regards,

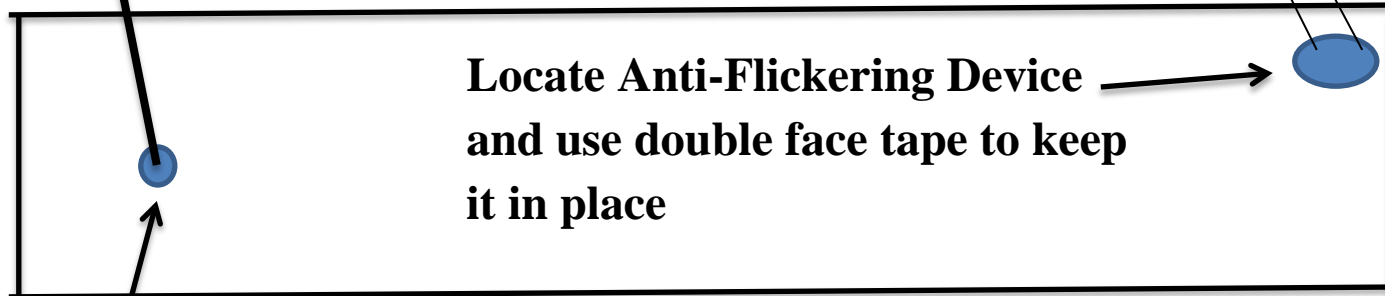
# Caboose Installation

## 6"x2"x4" Led Strip



← Power lead wires from wheels

### Bottom Floor of Car



Locate Anti-Flickering Device  
and use double face tape to keep  
it in place

If there is no hole for the wires  
from your wheels drill a small  
hole to feed the wires up inside  
the car