



Grill Light Modification Kit for the Eaglemoss 1:8 Scale Eleanor Mustang

Thank you for your purchase of the front grill light modification kit for the Eaglemoss 1:8 scale Eleanor Mustang.

The following items are Included with your kit :

- blue LED for the upper (aux) lights, 2 ea.
- white LED for the lower (turn signal) lights, 2 ea.
- resistors for blue LEDs: 3.5-5V, 5.1-9V, 9.1-14V (2 each)
- resistors for white LEDs: 3.5-5V, 5.1-9V, 9.1-14V (2 each)
- LED frame holders for the blue LEDs, 2 ea.
- LED frame holders for the white LEDs, 2 ea.

We have included resistors that cover voltages from 3.5V to 14V. Depending on the power source used to supply the LEDs please use the appropriate resistor. As of this writing we still have not seen the battery box used to power the Eleanor model or how the headlights wire up. Most Eaglemoss models use 3 1.5V batteries to make a 4.5 volt supply. We are assuming the Eleanor model will be the same. The numbers on the resistors indicate the minimum and maximum voltages for that resistor. For example: If the Eleanor ends up using 4.5V, you would use the resistor with the numbers 3.5 (3.5v) and 5(5V).

Each of the four LEDs have two leads. The positive lead is the copper colored wire and the negative lead is the silver colored wire. When installing and wiring the kit be sure the positive and negative tips of the LED wires do not touch together as that may burn out the LEDs.

It is highly recommended that you watch our YouTube video on the light modification before you install the kit. The link is: <https://www.youtube.com/watch?v=mxMq9lUfMr8>. You can also search for The Makers Cave on YouTube.

Some suggested tools and supplies are:

- Gorilla Super Glue
- Zip Kicker Glue Accelerator
- Liquid Electrical Tape
- Center Punch
- Drill Bits: 1/16, 3/32, 7/64

The video has all the links to these tools and supplies.

If you find that you need to shorten the length of the leads, or that you can't get a good connection, please remember that the wires are enamel coated to prevent shorting. After you cut the leads to your desired length use a piece of sandpaper to "sand" away a small portion at the end of the wire where you cut. This will scrape away the enamel so a solid electrical connection can be made.

We hope you enjoy this kit as much as we did making it. If you have any questions or problems please don't hesitate to ask. Our email is: Sales@TheMakersCave.com.