

Installation Guide

VARAD R/C Body Lighting Kit

RCN500, RCN501, RCN502, RCN503

Parts Included: See Diagram 1

1. Driver with 9 volt battery connector.
2. Two 7.5" electroluminescent lamps.
3. Two pieces of black foam tape.
4. One piece 1/2" x 36" mylar tape.
5. One piece transfer tape.

Parts Required:

1. 9 Volt battery.

Before you begin

HIGH VOLTAGE! - The driver used for this product is a very high voltage device. Be sure to read and follow the guidelines below for safe and enjoyable fun.

1. Do not connect the battery to the driver until the lamps have been installed and connected to it.
2. Do not touch the terminals with hands or tools when the lamps are turned on.
3. Do not attempt to open the driver or lamps. Failure to do so shall void warranty.

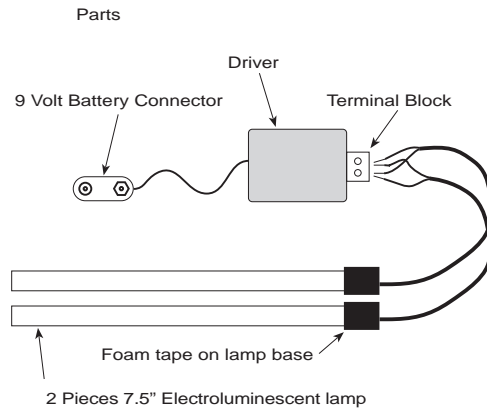


Diagram 1

Before you begin (continued)

4. The electroluminescent lamps provided in this kit are best suited for application on flat surfaces.
5. They can be trimmed to the desired length before or after installation.
6. They must be protected against moisture by covering them with the mylar tape.

Cutting the lamps

The electroluminescent lamps must be cut with the black side facing down. You must use a good sharp pair of scissors to cut.

Step 1: Install driver and 9 Volt Battery

Find a suitable location for installation of the driver and 9 Volt battery. It is recommended that both pieces be installed next to each other for convenience. The best location on an R/C car body are on the inside surface of the roof.

Step 2: Install Electroluminescent Lamps

Cut a slot 1/2 inches long and 1/16" wide on each side of the R/C car body. Be sure that you leave 3/4" from the edge of the body (see diagram 2). If installing in another location of the R/C car body then cut out a rectangular slot 1/2" x 1/16" to pass the electroluminescent lamp thru. The next step is to tape the base of the lamp with the foam tape onto the inside part of the car body.

Step 3:

The electroluminescent lamps are installed by sticking the base of the lamp on the inside of the car body just behind the slot you just made. Before you peel of the tape and attempt to install the lamp we suggest that you trial fit the lamp just to understand the procedure. The tape on the lamp base is extremely sticky and will be difficult to remove once installed. When you are ready peel of the tape and stick the base of the lamp to the car body. Be sure to keep the align the lamp as shown in diagram 2.

Step 4: See Diagram 2

Cut the electroluminescent lamp to the desired length. Next, cut a small piece of transfer tape and use it to stick down the end of the lamp you just cut (Diagram 2). This will keep the electroluminescent lamp in place for the next step.

Step 5: See Diagram 3

Remove the backing from the clear mylar tape and apply over the full length of electroluminescent lamp. This is very important as it will protect the lamp from moisture. Be sure to use your finger nail or a sharp object to press the mylar tape over the edges of the electroluminescent lamp.

Step 6:

Connect both wires from each of the electroluminescent to lamps to the terminal blocks on the driver. There is no particular direction or polarity for the wires.

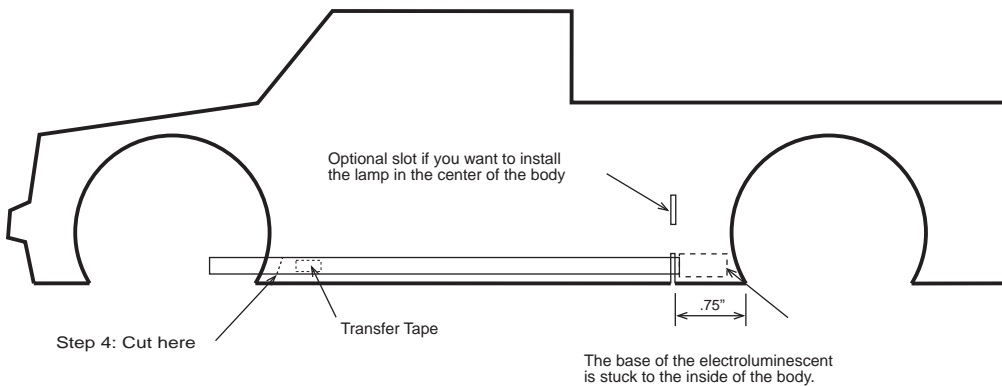


Diagram 2

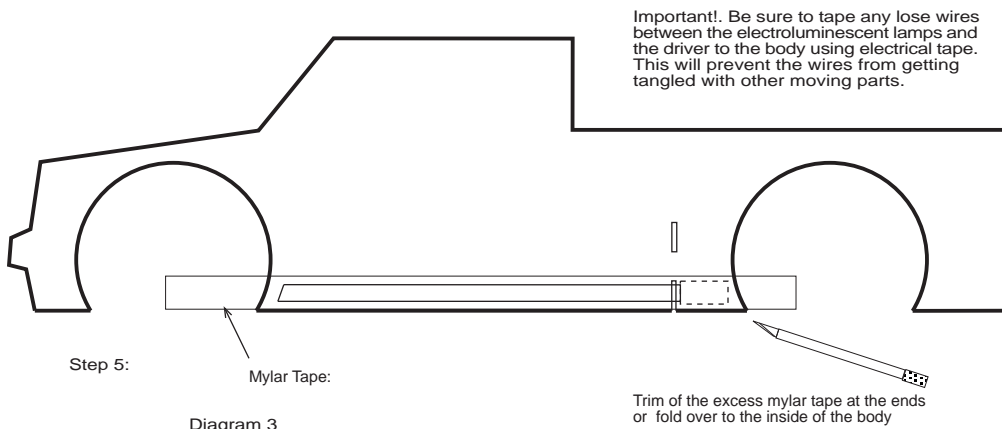


Diagram 3