

Marker Light Kit Instructions

- Select marker light mounting locations on your rail car. They can be inside or outside the car.
- Drill appropriate mounting holes for the LEDs.
- Secure the marker lights in the selected locations with 5-minute epoxy such that the wire leads are inside the car.
- Select a mounting location for the slide switch.
- Find a location where the switch can be easily reached such as...
 - Car bottom
 - Removable car body
 - Under removable cupola on caboose
- Mount the switch using 5-minute epoxy.
- Select a location for the battery holder.
- Orient the battery holder such that the wires are closest to the switch and marker lights.
- Mount the battery holder with 5-minute epoxy.
- See Figure 1 for next steps.
- Connect the "long" leads from the LED marker lights to the red wire from the battery holder.
- Connect the black lead from the battery holder to the middle lug on the slide switch.
- Connect the one lead of the current limiting resistor to any remaining lug on the switch.
- Connect the other lead of the current limiting resistor to both of the "short" leads of the LED marker lights.
- Install 2 AAA batteries according to the indicators in the battery holder.
- Operate the switch to turn the lights on and off.
- In case of trouble, check that the wiring is correct and batteries are installed properly.

Note: If using the marker lights as external lanterns, paint the LED "case" leaving only the red lens unpainted.

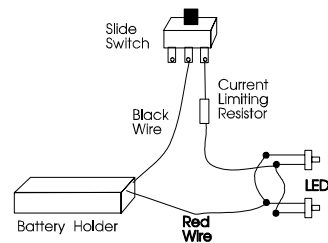


Figure 1



Green Steam Products
9615 Raymond Avenue
California City CA 93505
(760) 373-7007
info@greensteamproducts.com