## 45° Marker Lights

## Prototype for:

- Southern Pacific
- Union Pacific
- Santa Fe





## Parts Needed

Miniatronics 1.5v 20ma axial bulbs (18-075-10) Detail Associates .012" brass wire (WR2404) .005 clear colored Mylar (red, green, yellow) – Tap Plastics #52 drill and steel plate Evercoat catalyzed putty – any good auto paint stor Single ply toilet paper – separate normal 2-ply Epoxy – 5 minute and 2-Ton ACC

## Micro Modeling

 Modeling needs to be done under magnification – 2x to 5x































Install the rest of the lens. Be sure they are positioned so the bracket is at  $45^{\circ}$  and the red lens faces to the rear. Install a lens for the top vent.



tight bundle and epoxy together with 5 minute epoxy.





