

Parts4Marx Tech Tips

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GEX 4583 Searchlight Car

To troubleshoot the rotating searchlight mechanism:

1. A worm gear on a truck axle turns a gear to spin an assembly inside the car. This assembly transfers rotation through a spring to a second wheel assembly to which the searchlight is attached.
2. Very carefully remove the deck off the car to access the inside assembly. It is glued, and the glued tabs will need to be freed.
3. Check that the spring hasn't come loose or broken and reattach if necessary.
4. Check that the rotating assemblies can move freely and clean them if necessary.
5. Replace the rotating searchlight. If it is missing or broken beyond repair RG Part No. 286 is a modified Lionel housing replacement for the searchlight.

Note: The center post that holds the light socket is thin and can easily break.

Other GEX 4583 Searchlight Car Parts that are available online are RG Part No.262 Long Frame Pickup Assembly and RG Part No. 285 Flared Lamp Socket with leads.



