

Installation and Maintenance Instructions for Magnetic Rotating Light Model 2ERT5

IMPORTANT SAFETY INFORMATION

Please read and follow the instructions in this manual carefully. Make sure installation is performed by an experienced technician who understands the National Electric Code, local codes, and guidelines.

Moreover, follow the instructions and cautions listed below:

- Read and understand all instructions before installing or using this product.
- Turn off the main power supply before installation or use of the product.
- After installation is finished, test the light system to make sure it works.
- Provide instruction information to all operating personnel.
- Develop and follow a procedure to check if the equipment is installed and used appropriately.
- The nameplate, which may contain cautions or other valuable information, should be kept in a location where it can be easily seen and read.

WARNING: *Failure to carry out all the safety procedures and instructions may cause property damage, serious injury, or death.*

INSTALLATION

This unit includes a 10-foot power cord with an accessory power plug. A black back cover is also included.

Unpacking

After unpacking, check for any damage due to transportation. Do not install or operate the product if damaged. Contact the carrier immediately and file a damage claim stating the extent of damage. Thoroughly check all information with the product, including shipping labels etc. before removing them.

Magnetic Mounting

Magnetic mounting provides a temporary and secure mount for most magnetic rotating light installations.

WARNING: *Driving a vehicle with a magnetically mounted warning light is not recommended. Due to varying roof construction and driving conditions, the light could come loose and fall off resulting in injury or damage. The ability of the magnetic mounting system to hold on depends on several factors such as surface flatness, finish and the thickness of the metal. Repair of damage incurred by ignoring this warning is the sole responsibility of the user.*

Important instructions for proper mounting and use on vehicles with flat surfaces:

- Make sure that the mounting surface and the magnets are clean, dry, and free of foreign substances that could prevent good surface adhesion.
- Only mount on surfaces that are completely flat.
- NEVER mount on vinyl tops.

- Avoid quick acceleration and sudden stops when driving that could cause the light assembly to slide on the mounting surface.
- Make sure the power cable is not under the magnet when attaching the light directly on the roof.
- When placing the light assembly on a level metal surface, position the light to provide maximum range for the light's warning signal.

SPECIFICATIONS

Voltage	12 VDC
Current	3 A
Energy Output	35 Watts
Flash Rate	130 FPM
Operating Temperature	-20°F to 185°F
Approvals	CE
Environmental Rating	Indoor/Outdoor Use, IP65

OPERATION

Insert the power cord plug into the accessory power outlet.

WARNING: *When removing from the outlet always grasp the whole plug. Failure to do so may damage the solder connection inside the plug.*

If using the vehicle's accessory power outlet as the power source, it is advisable to replace the original circuit fuse with a eight ampere fuse. Accessories requiring more than eight amperes will cause the circuit fuse to fail and should not be plugged into the accessory power outlet.

If direct connection to the power source (not utilizing the cigarette lighter plug) is desired, a user supplied in-line fuse holder and eight-ampere fuse must be installed in the power cord's ribbed (positive) lead.

Crazing (cracking) of domes will cause reduced effectiveness of the light. Do not use cleaning agents (which will cause crazing) such as strong detergents, solvents, or petroleum products. If crazing of dome does occur, reliability of light for emergency signaling purposes may be reduced until dome is replaced.

LAMP REPLACEMENT

WARNING: *DO NOT touch lamp when hot. Serious injury may result if lamp is touched when hot. Always allow lamp to cool down before removing. Wear gloves and eye protection when handling the lamp as halogen lamps are pressurized and can result in flying glass if broken.*

1. Remove four screws at the base of the dome and lift off the dome.
2. Push the lamp down and twist it counterclockwise to remove.
3. Carefully note the lamp's orientation and replace the lamp by pushing down and then twisting to seat it properly.
4. Install new lamp by seating it in lamp socket.
5. Reassemble the light.

REPLACEMENT PARTS

Only the removable snap on back cover is available for replacement:

Description	Part Number	Quantity
Removable Snap on back cover	CSBFMCOVERG	1

For Technical Support or Troubleshooting, call: 1-800-323-0620

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Figure 1 – Model 2ERT5

- A. Dome
- B. Lamp
- C. Rubber Belt
- D. Motor ASSY
- E. Base
- F. Reflector

