



INSTALLATION & OPERATING INSTRUCTIONS MODELS MV, MV-IND & MV-MAG

MV, MV-IND PERMANENT MOUNT MODEL:

1. Follow drawing on back showing views of mounting and belt drive systems.
2. Select location on vehicle which will be permanent for mounting light.
3. Drill a hole that will just pass the ¼ in. screw protruding from the rubber shock mount in base of light.
4. Use the proper number of ¼ in. flat washers to take up space and enable you to fasten light securely to roof.
The unit is equipped with a flexible skirt gasket which conforms to curves in the vehicle roof. Be sure this gasket is fully engaged with roof to prevent water leakage.
5. To RELAMP or REPLACE MOTOR, loosen two screws holding dome retaining clips at side of light and remove dome.
To RELAMP: Depress bulb in socket and rotate counter-clockwise to remove. Reinstall by reversing the process. Be sure to use the proper lamp by referring to below parts list.
To REPLACE BELTS: Simply remove and replace
To REPLACE MOTOR: Remove the dome clips and lift aluminum housing from steel base cup. Remove small retaining clip holding reflector assembly using a small flat blade screw driver. Be sure to save this "C" shaped clip for reinstallation. Lift off reflector assembly, remove and replace motor. Be sure to observe wiring before disconnecting motor wires. In the case of a 12 volt motor, you will find only one wire as the motor case serves as a return path for the power.

MV-MAG magnetic mount, 6, 12 VDC only:

Select a location with minimum of curvature on roof of vehicle. Press light into place, making sure that outer gasket conforms to surface. If you are using this light over bumpy roads, it is suggested that you install the screw provided, to engage the moveable keyhole bracket for a more secure installation.

REPLACEMENT PARTS LIST

PART	DESCRIPTION	MV & MV-IND #	MV-MAG #
DOME	AMBER		20-0503
	RED		20-0502
	BLUE		20-0506
	GREEN		20-0505
	CRYSTAL		20-0509
	LAMPS	6 V*	42-0109
12 V*		42-0336	42-0334***
24 V**		42-0619	N/A
36 V**		42-0620	N/A
48 V**		42-0630	N/A
MOTORS	6 V	50-0121	50-0121
	12 V	16-3226T	16-3226T
	24 V	50-0322	N/A
	36 V	50-0322****	N/A
	48 V	50-0324	N/A
DRIVE BELTS	SMALL		80-0587
	LARGE		80-0567

*SINGLE CONTACT LAMP

**DOUBLE CONTACT LAMP

***42-0336 MAY BE USED FOR LONGER LIFE (LESS LIGHT)

****SPECIFY 36 VDC, INCLUDE 60-3001 DROPPING RESISTOR

950096 Rev. 7-98



INSTALLATION & MOUNTING INSTRUCTIONS - MODELS MR-3, MR-3H

1. Use only with 12 VDC vehicle supply voltage.
2. Use attached magnets for mounting to ferrous metal surfaces, Use included "VELCRO" for other applications.
3. Select the flattest available surface for mounting.
4. Use only 12VDC cigarette lighter socket for supply power.
5. To replace motor or lamp, remove outer dome retaining band, remove dome and replace parts as needed. Use care in handling dome retaining ring to avoid damage.

REPLACEMENT PARTS LIST

<u>PART</u>	<u>DESCRIPTION</u>	<u>PART #</u>
DOME	AMBER	20-0403
	RED	20-0402
	GREEN	20-0404
	BLUE	20-0406
LAMPS	MR-3	42-0334*
	MR-3H	42-0302
DRIVE BELTS	SMALL	80-0588
	LARGE	80-0567
MOTOR	12 VDC ONLY	16-3226T

*42-0336 MAY BE USED FOR LONGER LIFE (LESS LIGHT)

LIMITED WARRANTY

If it appears within one (1) year from the date of delivery to Purchaser that any products or component parts do not conform exactly to the specifications and physical dimensions referred to above, and the Purchaser, at its expense, returns the product or component parts to the Seller together with a report of defects, the Seller shall review the inspection report and inspect the items and shall authorize, at its option, either the repair or replacement of any non-conforming products or component parts, whether on warranty, contract of negligence, shall not in any case exceed the amount to be paid by the Seller in obtaining and repair or replacement of non-conforming products or component parts, and upon expiration of the warranty period, all liability of the Seller shall be terminated.

Seller shall not be liable for any injury, loss or damage, direct or consequential arising out of the use or the ability to use the product.

This warranty gives specific legal rights. You may have other rights which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so that the above limitation of exclusion may not apply to you.

WARNING: The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to suitability or fitness of these devices for any specific application.