

**INSTRUCTION SHEET  
FOR  
MODELS ROTK, MEDK, FASTK ROTATOR KITS**

**SAFETY MESSAGE TO INSTALLERS**

**⚠ WARNING**

Peoples lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product. In addition, listed below are some other important safety instructions and precautions you should follow:

- **To properly install this kit: you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.**
- **File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.**
- **You should frequently inspect the light to ensure that it is operating properly and securely attached.**
- **Do not attempt to activate the light while driving in a hazardous situation.**

**Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you or others.**

**A. GENERAL.**

These rotator kits are designed for installation in Federal Models JET or JSTRM. If installation of these rotators in another mounting location or in any other product is chosen, the safety and effectiveness of the final design must be carefully evaluated.

This kit provides all parts necessary to install a motor driven rotating light assembly. A 50W halogen lamp is focused by a reflector rotating at 95, 120, or 175 flashes per minute for ROTK, MEDK, or FASTK respectively.

Before proceeding with the installation of this kit, ensure that the parts in the KIT CONTENTS LIST are included.

**KIT CONTENTS LIST**

Quantity	Description
1	Reflector Assembly
3	Screw, Hex Hd., Thd. Form, #8-32
1	Tie-wrap
1	Wire, Term. Violet

**B. INSTALLATION.**

**⚠ WARNING**

**To avoid electrical shock or damage from electrical shorts, disconnect power to the lightbar before performing the installation procedure.**

1. Remove the two screws located at the identification plate of applicable dome assembly. Retain all screws. Slide dome assembly out of the extrusion.
2. Select the appropriate mounting location for the rotator assembly (see figures 1 and 2). Remove existing components (if applicable) and choose either of the following locations:
  - a. Position two or six.
  - b. Position eight (JSTRM only).

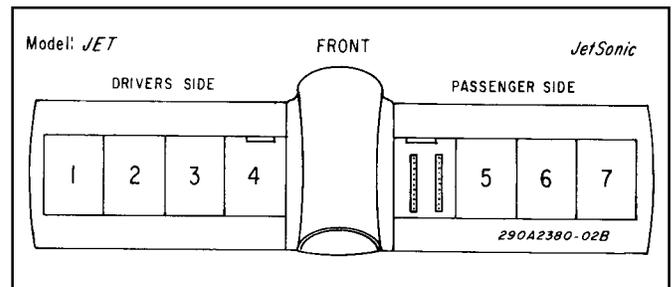


Figure 1.

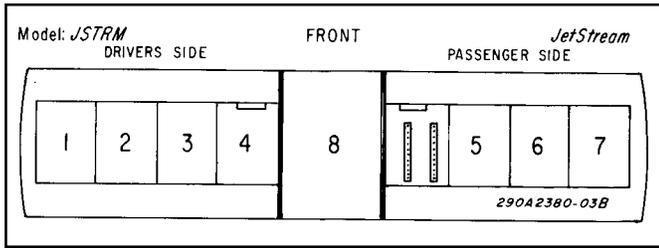


Figure 2.

3. Locate reflector along tracks provided in extrusion (figure 3) and secure reflector assembly to extrusion with three #8-32 hex head thread-forming screws (supplied).

**NOTE**

Reflector should be aligned with center of dome inserts.

**⚠ WARNING**

**Halogen lamps are pressurized and if broken can result in flying glass. Always wear gloves and eye protection when handling the lamps.**

**CAUTION**

Service life of lamp will be shortened if glass portion is touched. If glass has been handled, clean carefully with a grease solvent.

4. Properly ground the black motor wire to the extrusion and complete wiring as follows:

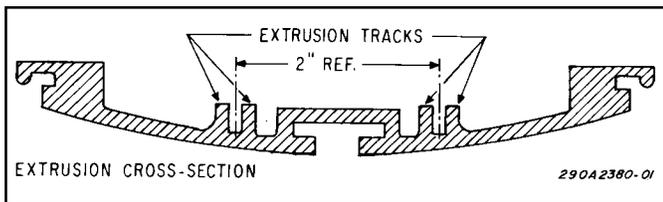


Figure 3.

a. If position two or six was chosen, connect the female terminal on red and black wires of rotating reflector to the male terminal on the wire (white with red stripe) in the light bar wiring harness.

b. If position eight was chosen (JSTRM only), connect the female terminal on red and black wires of rotating reflector as shown in figure 4.

5. Dress wires with supplied tie-wrap.

**CAUTION**

Interference with a rotating reflector can damage the reflector or wires. Ensure that wires are dressed to prevent any interference.

6. If another rotator assembly is to be installed, repeat steps B.2 through B.6.

7. Reinstall dome assembly. Secure with previously removed screws.

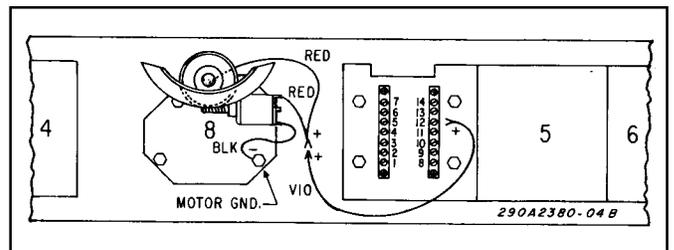


Figure 4.