

INSTRUCTION SHEET FOR MODEL FK FLASHING LIGHT KIT

A. GENERAL.

WARNING

To properly install a flashing light kit, the installer must have a good understanding of automotive electrical procedures and systems.

The Model FK flashing light kit is designed for installation in Federal Models JET and JSTRM. Flashing lights are designed to provide an alternating flash to the front or rear of the light assembly.

If installation of the FK in another mounting location or in any other product is chosen, the safety and effectiveness of the final design must be carefully evaluated.

After unpacking the flashing light kit, carefully check all envelopes, shipping labels and tags before removing or destroying them. Ensure that the parts listed in the KIT CONTENTS LIST are contained in the packing carton.

KIT CONTENTS LIST

Quantity	Description	Part Number
2	Reflector Assembly	8552A269-01
2	Lamp, 12V, 35W, #796	8548A028
2	Screw, Hex Hd., Thd. Frm., #10-32	7011A067-06
1	Flasher	8554B010
1	Adhesive Pad	8537A533
1	Connector, Flasher	8443A015-04
3	Tie-Wrap	150A109
1	Lockwasher, #10	7075A014

B. INSTALLATION FOR FRONT FLASHING.

1. Remove the two screws located at the identification plate of each dome assembly. Save these screws. Slide both dome assemblies out of the extrusion.

2. Select the appropriate mounting location for the Model FK (see figure 1). Remove existing components (if applicable) and choose one of the following locations:

- a. Position one or two.
- b. Position four (JSTRM only).

3. Place a reflector assembly at the desired location over the pre-drilled hole and secure with a #10-32 thread-forming screw (supplied). Repeat for the other side.

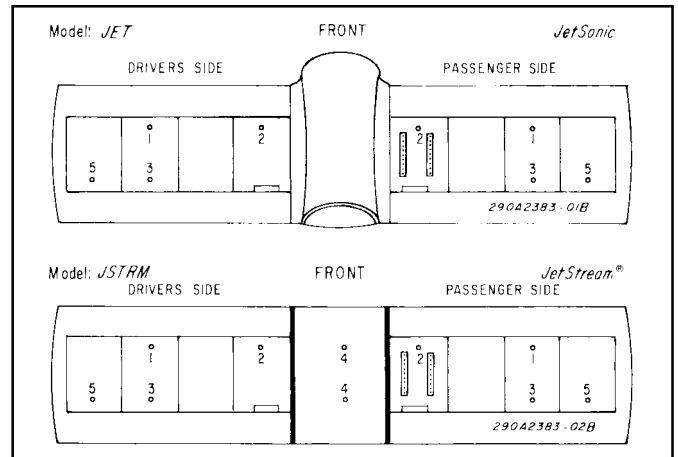


Figure 1.

4. Locate the proper position for mounting the supplied flasher (see figure 2). Remove the backing from one side of the adhesive pad (supplied) and affix the pad to the flasher. Remove the backing from the other side of the adhesive pad. Affix the flasher and pad in the desired position. To ensure a good electrical ground, attach the ground wire from the flasher to the extrusion using the #10 screw and lockwasher used to mount the reflector (see figure 2).

NOTE

Clean and dry both surfaces properly before affixing pad.

5. Connect the flasher connector to the mating terminals on the flasher (figure 2).

NOTE

If installing the FK in position four (JSTRM only), remove the wire tie-wrap on only one side of the light assembly.

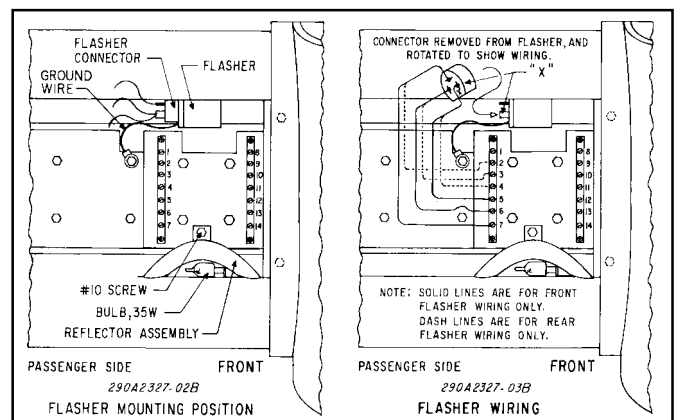


Figure 2.

6. On both sides of the light assembly, remove the wire tie-wraps which hold down the existing front flasher light leads. The leads will be the proper length to reach the front flashing lights—when installed in recommended locations.

7. Connect the applicable leads (white with brown stripe) to the front flashing reflector assemblies by connecting the terminal at the end of the leads to the mating terminals at the side of the reflector assemblies.

8. Connect the flasher connector lead marked “X” (on flasher) to terminal block position #5 adjacent to the incoming black with white stripe lead (figure 2). Connect the two remaining leads from the flasher connector to terminal block positions #6 and #7 adjacent to the white with brown stripe leads (figure 2).

CAUTION

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

9. Install a lamp (supplied) in the socket in each reflector assembly.

CAUTION

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

10. Dress wires with supplied tie-wraps.

11. Reinstall the domes removed in step 1. Secure with previously removed screws.

12. Check for proper operation of all functions.

C. INSTALLATION FOR REAR FLASHING.

1. Remove the two screws located at the identification plate of each dome assembly. Save these screws. Slide both dome assemblies out of the extrusion.

2. Select the appropriate mounting location for the Model FK (see figure 1). Remove existing components (if applicable) and choose one of the following locations:

a. Position three or five.

b. Position four (JSTRM only).

3. Place a reflector assembly at the desired location over the pre-drilled hole and secure with a #10-32 thread-forming screw (supplied). Repeat for the other side.

4. Locate the proper position for mounting the supplied flasher (figure 2). Remove the backing from one side of the adhesive pad (supplied) and affix the pad to the flasher. Remove the backing from the other side of the adhesive pad. Affix the flasher and pad in the desired position.

NOTE

Clean and dry both surfaces properly before affixing pad.

5. Connect the flasher connector to the mating terminals on the flasher (figure 2).

NOTE

If installing the FK in position four (JSTRM only), remove the wire tie-wrap on only one side of the light assembly.

6. On both sides of the light assembly, remove the wire tie-wraps which hold down the existing rear flasher leads. The leads will be the proper length to reach the rear flashing lights—when installed in recommended locations.

7. Connect the applicable leads (solid white) to the rear flashing reflector assemblies by connecting the terminal at the end of the leads to the mating terminals at the side of the reflector assemblies.

8. Connect the flasher connector lead marked “X” (on flasher) to terminal block position #4 adjacent to the incoming blue lead (figure 2). Connect the two remaining leads from the flasher connector to terminal block positions #2 and #3 adjacent to the white leads (figure 2).

CAUTION

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

9. Install a lamp (supplied) in the socket in each reflector assembly.

CAUTION

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

10. Dress wires with supplied tie-wraps.

11. Reinstall the domes removed in step 1. Secure with previously removed screws.

12. Check for proper operation of all functions.