

INSTRUCTION SHEET FOR AK2 ALLEY LIGHT KIT

SAFETY MESSAGE TO INSTALLERS OF FEDERAL SIGNAL LIGHT SYSTEMS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with the products. 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.
- You should frequently inspect the light system to ensure that it is operating properly and that it is securely attached to the vehicle.
- Refer to the instruction sheets packed with related products for additional precautions and information.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.

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

A. GENERAL.

This instruction sheet provides directions for the proper installation of the Model AK2 alley light kit in Federal JetStrobe™ light bars. Alley lights can be installed at both ends of the light bar and are especially useful when illuminating an alley, storefront, etc.

If installation of the Model AK2 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 alley 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.

B. KIT CONTENTS LIST.

Qty.	Description	Part Number
1	Reflector Assy., Right Alley	8552366
1	Reflector Assy., Left Alley	8552367
2	Screw, Thd. Frm., Hex Hd., #10	7011A122-06
2	Screw, Thd. Frm., Hex Hd., #8-32	7011A103-06
1	Wire, 18AWG, WHT/ORN	T300A218-23-0015
1	Wire, 18AWG, WHT/GRN	T300A218-23-0014
4	Wire, Tie	150A109
2	Lamp	8107A119

C. INSTALLATION.

WARNING

If shorted to vehicle frame, high current conductors can cause hazardous sparks resulting in electrical fires or molten metal.

High voltages are present inside the light assembly. Wait at least ten (10) minutes, after disconnecting power, before installing the kit.

Before proceeding, disconnect all power to the light assembly at the Positive (+) battery terminal.

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

NOTE

A right and a left alley reflector assembly are supplied. Interference with the domes and mounting hole mis-alignment will occur in six head and ten head models if the wrong reflector assembly is used.

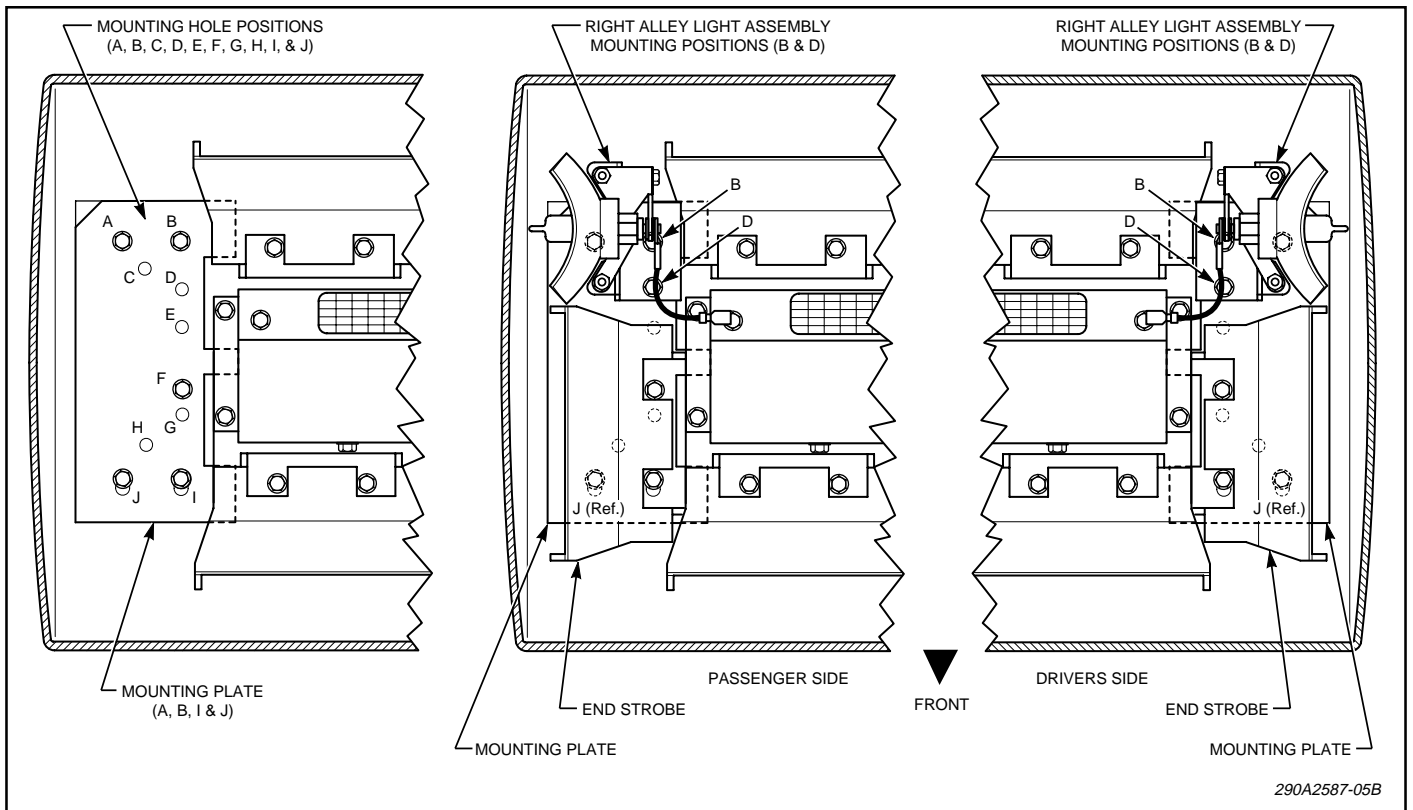


Figure 1.

2. Position a reflector assembly over the alley light mounting hole (see figure 1). Secure the alley light to the end plate and the extrusion using two #10 hex head screws (see figure 1). Repeat on the other side.

3. Connect the right alley reflector assembly's wire to the supplied WHT/GRN wire. Route the WHT/GRN wire to the incoming cable terminal block. Connect the WHT/GRN wire to the incoming cable's green wire at the terminal block. See figure 2.

4. Connect the left alley reflector assembly's wire to the supplied WHT/ORN wire. Route the WHT/ORN wire to the incoming cable terminal block. Connect the WHT/ORN wire to the incoming cable's orange wire at the terminal block. See figure 2.

5. Use the supplied wire ties to dress the wires.

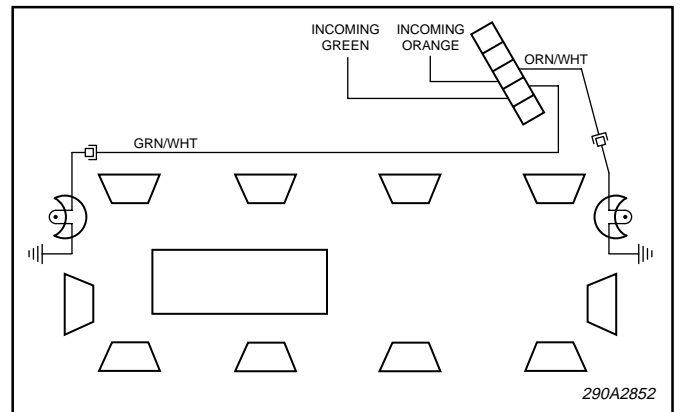


Figure 2.

6. Reinstall the domes and secure with the previously removed screws. Reconnect power to the light assembly.

7. Check for proper operation of all functions.