

INSTRUCTION SHEET FOR MODEL 521505 ALLEY LIGHT KIT

⚠ WARNING

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 re-installing 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

The purpose of this instruction sheet is to supply directions for the proper installation of the Model 521505 alley light kit on Federal JetSonic® light bars. Alley lights can be installed at both ends of the light bar and are especially useful when illuminating an alley, storefront, etc.

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.

KIT CONTENTS LIST

Qty.	Description
2	Reflector Assembly
2	Lamp, 12V, 50W, #795
2	Tie-Wrap
2	Screw, Hex. Hd., #10-32
1	Wire, 18 AWG, WHT/ORG
1	Wire, 18 AWG, WHT/GRN
2	Washer, Flat

B. INSTALLATION

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

2. Remove the wire tie-wrap which holds down the existing alley light lead (figure 1). The lead will now be the proper length to reach the alley light assembly — when installed. In units where the lead does not exist, the wires are supplied in this kit.

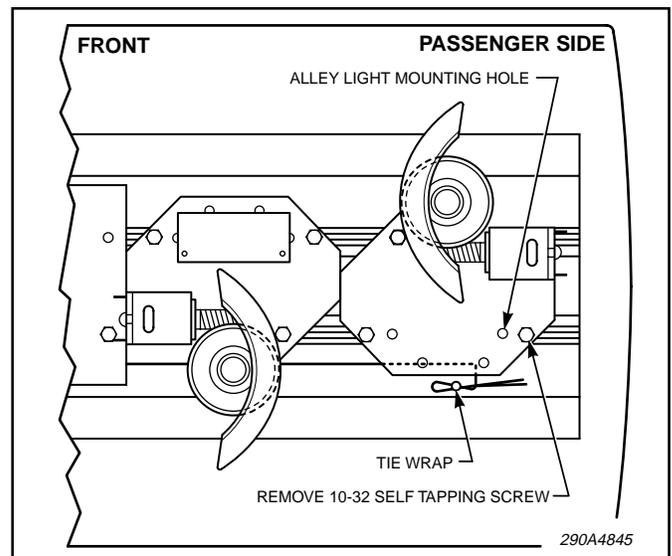


Figure 1.

3. Locate and remove the 10-32 x 5/16 self-tapping screw as shown in figure 1. Use this screw to position the reflector assembly over the proper alley light mounting hole (figure 1). Set reflector assembly to desired angle and tighten screw securely (figure 2).

NOTE

After selecting the desired angle, ensure that the alley light reflector assembly does not interfere with the rotating reflector assembly (while operating).

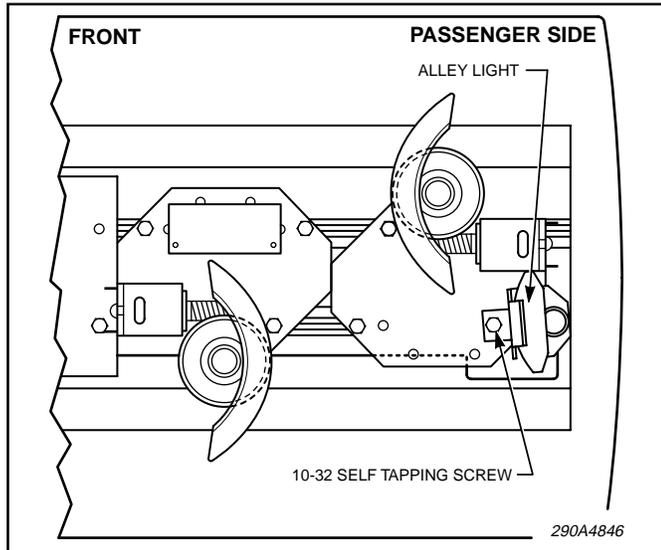


Figure 2.

4. Perform steps 2 and 3 on the other side of the light bar.

5. Connect the applicable lead (passenger side — white with green stripe and driver side — white with orange stripe) to each reflector assembly by connecting the terminal at the end of the lead to the mating terminal at the bottom of the reflector assembly.

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

CAUTION

Do not touch glass portion of lamp. If glass has been handled, it should be carefully cleaned with a grease solvent.

7. Dress the leads from both alley lights with the wire tie-wraps (supplied), in a way which will not interfere with moving parts.

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

9. Check for proper operation of all functions.