

TECHNICAL BULLETIN - #9904-A
SUBJECT: STROBE LIGHT KIT #80-014
INSTALLATION INSTRUCTIONS
Effective Date: 7/22/99 Revised Date: 2/07/05

1. Position the light on the ladder rack support as shown in Figure 1. Using the light bracket as a template, mark and drill (4) 5/16" holes in the ladder rack support. Drill a 3/8" hole in the center of the 4-hole pattern.
2. Install the light using the 1/4 " fasteners provided. Route the light harness with clear tubing through the 3/8" hole, installing the harness grommet to prevent the rack support from chafing the harness.
3. Route the harness to the driver's side, beneath the rack support. Support the harness as necessary with the supplied tie wraps.
4. Drill a 7/16" hole near the mount for the rack support. Stay on the flat portion of the roof as much as is possible, as this will make drilling and installation of the grommet easier. Before drilling, check inside the van body to make certain the drilled hole will not be drilled behind a roof support, toolbox, etc. Drill using light pressure so as not to warp or bend the sheet metal. Bending the sheet metal will result in difficult grommet installation, which may cause leakage around grommet.
5. Push light harness through hole in roof and install harness grommet. Pull harness taut. For added protection caulk around grommet and harness with RTV silicone.
6. Mount light switch under dash of van within 24" of fuse block or power source.
7. Connect fuse holder with 24" lead to "BAT" terminal of fuse block or other accessory wire using wire splice provided.
Note: *Strobe light must be operational with ignition switch off.*
8. Using self-drilling screw supplied, attach ring terminal on black switch lead to chassis ground.
9. Route 18' red lead to rear of van. Lead should be routed to avoid fraying, catching, etc. If possible, remove threshold plate and route wire under rubber floor, behind driver's seat, and up bulkhead behind driver's seat. Route rearward to incoming leads of strobe light, securing with tie wraps as necessary.
10. Connect male connector on 18' lead to female lead on strobe light. Using self-drilling screw supplied, attach light harness ring terminal to cab cross-member for chassis ground.

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11. Test system. Lever on toggle switch should illuminate when strobe light is on. Strobe light should flash at 80 double flashes per minute.

