

INSTRUCTION SHEET FOR HEADLIGHT FLASHER

SAFETY MESSAGE TO INSTALLERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product and the related add-on 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.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged. Remove all burrs from drilled holes. To prevent electrical shorts, grommet all drilled holes through which wiring passes.
- This flasher is a high current device. In order for it to function properly, a separate ground connection must be made. It must be attached to a solid metal body or chassis part that will provide an effective ground path.
- Never attempt to install aftermarket equipment, which connects to the vehicle wiring, without reviewing a vehicle wiring diagram - available from the vehicle manufacturer. Insure that your installation will not effect vehicle operation or mandated safety functions or circuits. Always check vehicle for proper operation after installation.
- Locate control so the VEHICLE and CONTROLS can be operated safely under all driving conditions.
- 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.

I. GENERAL.

The headlight flasher is a compact electronic flasher capable of flashing two (2) light circuits with a current capacity of up to 10-amperes (maximum) per side, 20-amperes total. The unit is designed to operate from 12VDC (negative ground) with a flash rate of approximately 90 flashes per minute. Unlike thermal flashers, the headlight flasher uses electronic timing to control the flash rate. Activating the high-beams will disengage the flasher operation.

The unit is housed in a splash proof, high temperature housing and supplied with the necessary hardware for mounting in a variety of locations. A user-supplied switch is required to activate the flasher.

II. INSTALLATION.

WARNING

DO NOT connect flasher to brake light circuit of ANY vehicle.

Connection of aftermarket electrical equipment into this circuit may interfere with the brake shift interlock.

This could cause the vehicle to unexpectedly move forward causing possible property damage, injury or death to the vehicle operator or others.

A. Mounting.

Locate a suitable mounting location for the flasher near the headlight wiring harness. The unit can be installed on either the left side or right side of the vehicle. Use the hardware supplied in the accessory kit to secure the flasher to the vehicle.

B. Wiring.

Refer to figure 1 when performing the following procedure.

1. Connect the flasher's **black** wire to a good vehicle ground point.
2. Connect the flasher's **yellow** wire to the headlamp which has its wiring connected directly to the Hi-Beam switch. Do not cut this wire. Using the supplied blue T-Splice connectors, splice the **yellow** wire as shown in figure 1. Next, splice the **white/yellow** wire to the other headlamp wire. Cut the wire which ran between the headlamps as shown in figure 1. Trim the wire ends near the connector, add wire nuts and tape securely.
3. Connect the **red** wire to a user-supplied single pole, single-throw switch. Connect the other side of the switch to a 12VDC source.

WARNING

To provide safe operation, the control switch must be capable of handling a minimum of 20-amperes DC.

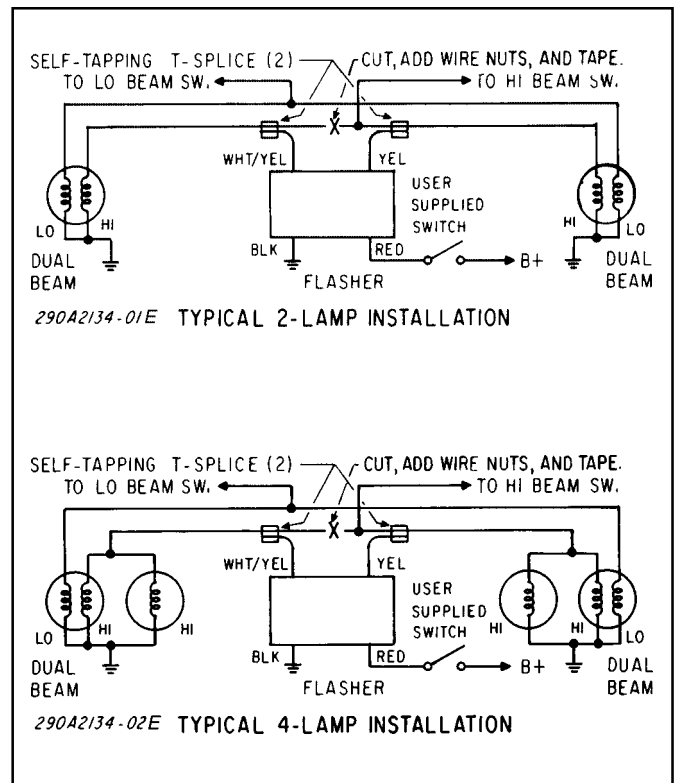


Figure 1. Wiring Diagram.