



**ITEM# 34263 - H4 HEADLIGHT RELAY HARNESS**  
**ITEM# 34264 - 9005/9006 HEADLIGHT RELAY HARNESS**  
**ITEM # 34265 - 9007 HEADLIGHT RELAY HARNESS**

**INSTALLATION INSTRUCTION**

ON MOST VEHICLES, THE POWER TO THE HEADLIGHTS IS ROUTED FROM THE BATTERY, THROUGH THE VEHICLE WIRING HARNESS TO THE HEADLIGHT SWITCH, THEN BACK OUT TO THE HEADLIGHTS. THIS LONG ROUTE FROM BATTERY TO HEADLIGHT CAUSES A VOLTAGE DROP AND HEAT BUILDUP, RESULTING IN DIM HEADLIGHTS AND FAILURE OF HEADLAMP SWITCHES.

THIS HEADLIGHT RELAY UPGRADE HARNESS WAS DESIGNED TO IMPROVE VOLTAGE TO THE HEADLIGHTS BY USING BETTER, NEWER, SHORTER HEAVY-DUTY WIRES AND RELAYS, DIRECTLY POWERED BY THE BATTERY.

1. Disconnect Battery. Tape battery posts to avoid accidental contact during installaion.
2. Check the routing of headlight relay harness. The two large ring terminals must reach the battery and the two relays need to be mounted at a convenient place on the fender well or radiator support. The rest of the harness needs to be routed to the headlights.
3. The headlight nearest to the relay is connected first. Unplug the original head light plug and connect it to the mating connector from the new headlight relay harness. Connect the new headlight plug from the relay harness to the headlight bulb. Also ground the ring terminal from the headlight plug to an existing (or new) screw or bolt tightly on a clean metal surface (good negative ground source.)
4. Connect the opposite headlight to the new relay harness and ground the ring terminal to a good clean ground. **The remaining original headlight plug from the vehicle is not used.**
5. Mount the relays as shown (see figures below).
6. Attach the ring terminals to the positive battery terminal. Note: red wires attached to the ring terminals are actually FUSIBLE LINKS. These fusible links are a safety feature should the headlight relay harness get damaged by incorrect installation or accident. If the fusible links are "blown" (open circuit), they must be replaced with similar 30 amp rating or purchase replacements from your headlight relay harness dealer.

