



30822

## High Beam Headlight Relay

### Tools needed

10mm wrench or socket

17mm wrench or socket

Pliers

### Mounting the relay (Illustration 1)

- 1) Remove the 10mm bolt from the core support that holds the cross bar over the battery
- 2) Thread the fuse holder onto the bolt first
- 3) Slip the relay mount on second
- 4) The ground ring on the BLK wire should go on last so it's next to the core support
- 5) Replace the bolt with the relay assembly intact

### Removing the driver's headlight assembly (Illustration 2)

- 1) Remove the "L" pin by rotating the pin until the leg is vertical
- 2) The pin will slide out when pulled toward the center of the vehicle
- 3) Carefully remove the assembly and let it rest on the bumper

### Routing and terminating the wires

#### RED WIRE (Illustration 3)

- 1) Route the RED wire to the battery junction block
- 2) Remove the 17mm nut from the power distribution stud (*Be very careful not to allow your tool to touch ground while removing the 17mm nut. This post is positive power and will short if it is grounded. If you have any concerns about grounding this terminal by accident, then disconnect the negative battery cable before you begin this step*)
- 3) Slip the ring on the RED wire over the power distribution stud and replace the 17mm nut

#### GREEN/ WHITE WIRE (Illustration 4)

- 1) Route the GRN/ WHT wire through the core support to the back of the headlight assembly.
- 2) Locate the GRN/ WHT wire (on the vehicle) going to the high beam bulb
- 3) Using a pair of pliers, crimp a t-tap to the GRN/ WHT wire (on the vehicle) 3"- 6" back from the high beam bulb plug
- 4) Plug the tab on the end of the GRN/ WHT wire (from the relay) into the t-tap

#### YELLOW WIRE (Illustration 4)

- 1) Route the YELLOW wire through the core support to the back of the headlight assembly
- 2) Locate the YELLOW wire (on the vehicle) going to the low beam bulb
- 3) Using a pair of pliers, crimp a t-tap to the YELLOW wire (on the vehicle) 3"- 6" back from the low beam bulb plug
- 4) Plug the tab on the end of the YELLOW wire (from the relay) into the t-tap

### Finishing and testing the Relay kit

- 1) Replace the driver's headlight assembly by reversing the procedure for removal
- 2) Test for proper operation. Low beams will be as before, but when in high beam operation all four lights will be on

ILLUSTRATION 1

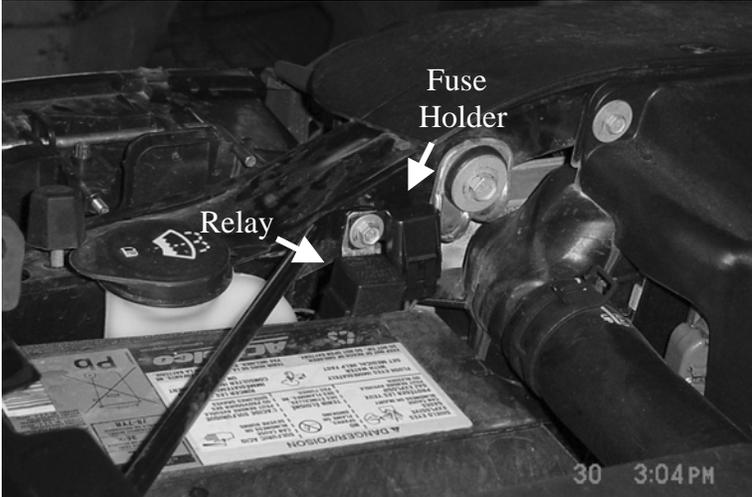


ILLUSTRATION 2

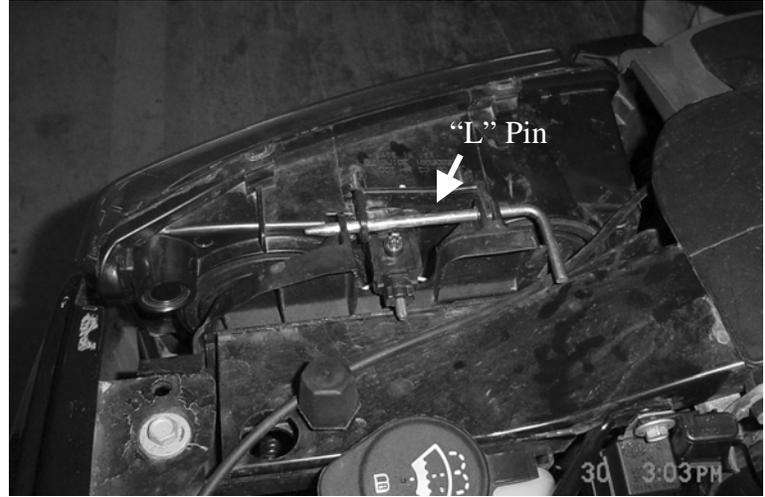


ILLUSTRATION 3

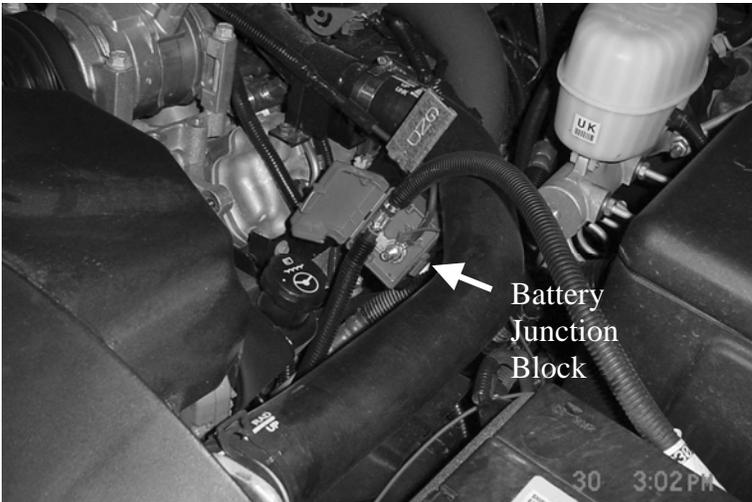


ILLUSTRATION 4

