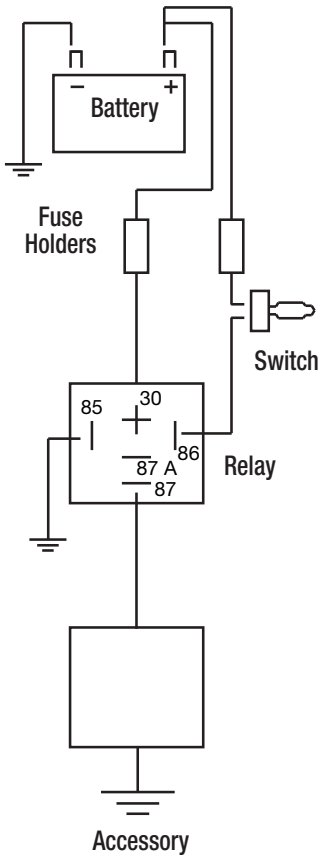
SWITCHES

SW13774

SWITCH WIRING KIT
5-PIN 30A RELAY

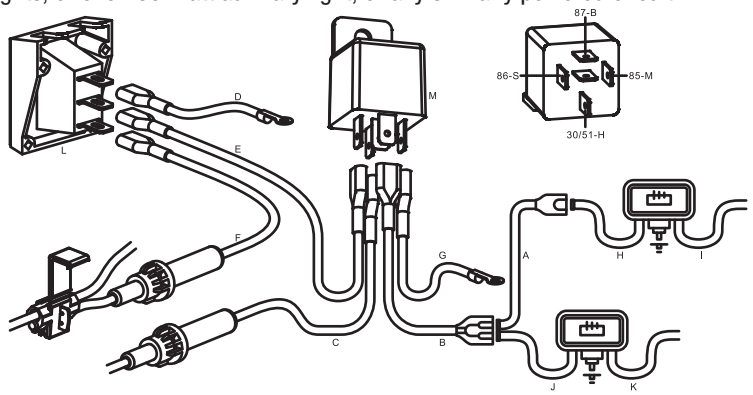
· Control and protect circuits from surges and shorting out
· Increase the light bulb, wiring, and switch operating life
· Operate a maximum of two (2) 55-watt halogen auxiliary lights; or one 150-watt auxiliary light; or any similarly powered circuit

Contents:
(7) Wires
(1) Relay
(1) Switch & Panel
(3) Screws
(1) Quick Splice Connector



WIRING INSTRUCTIONS

A. Blue Lamp Jumper
B. White Relay to Lamp
C. White Power to Relay
D. Black Switch Ground
E. Green Switch to Relay
F. Red Switch to Headlight
G. Black Relay Ground
H. Lamp Power (not included)
I. Lamp Ground (not included)
J. Lamp Power (not included)
K. Lamp Ground (not included)
L. Switch
M. Relay



1. Notate radio presets and disconnect battery negative (-) cable prior to proceeding. ONLY reconnect the battery cable after all accessory light wiring connections have been verified.

2. Find an underhood relay location that allows each wire to reach desired connection points. Drill a 3/16" hole (0.1875"), but do not mount relay.

3. Using the provided self-tapping screws, mount the switch panel under the dashboard, within close reach of the driver. Install the switch to the panel and provide clearance for attaching the wiring to the switch.

4. Working under the dash, connect one end of the red wire (F) to the switch terminal marked "3". Attach the other end of the red wire to the supply-side wire from the headlight switch to either the low or high beam circuit using the snap-lock connector provided. (Low beam is for fog lights, high beam is for driving lights).

5. Connect the black wire (D) to the top switch terminal marked "1". Attach the other end of the black wire to a good chassis ground.

6. Connect the green wire to the switch terminal marked "2", in the center of the switch. Run the loose end of this wire through the firewall to the relay terminal marked "86-S". Avoid contact with moving or hot drivetrain parts.

7. Drill a 1/16" (.0625") hole in a grounded area near the relay. Attach the blade terminal end of the black wire (G) to the relay terminal "85-M". Attach the other wire end to the hole using the screw provided.

8. Attach the blade terminal end of the white wire (C) to the relay terminal "30/51H". Attach the other end to an unswitched battery positive (+) source or directly to the positive battery terminal. Please note: This wire has a 15 amp in-line fuse.

9. Attach the end of the white wire (B) with the smaller blade connector to terminal "87-B" of the relay. Route the loose end of the wire with the larger blade connector toward the front bumper of the vehicle.

10. Connect one end of the blue wire (A) into the connector terminal onto the loose end of the white wire (B). The loose end of the white wire forms a "Y" to feed both lamps. Connect the other end of the blue wire to the lamp power feed wire on the lamp furthest from the relay.

11. Connect the power feed from the closer lamp directly into the "Y" connection of the white wire (B). Both lamps now feed from the white wire.

12. Attach the two ground wires (I & K) from the lamp housings to a good, clean chassis ground such as a bumper or a bracket.

13. With all wires firmly attached to the relay and using the screw provided, mount the relay into the 3/16" hole drilled in step #2.

14. Before reconnecting the negative (-) battery cable, check for excess slack in wiring, and double check all ground and terminal connections. Reconnect battery cable, turn switch to the "ON" position, and check function.

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