

RON FRANCIS WIRING

HR-56

Head Light Switch

Relief Relay

**With Optional Brite Light
Feature**

The head light switch relief relay takes the heavy load off the head light switch caused by some aftermarket halogen bulbs. This system is also equipped with the optional brite light feature. If desired, change one plug-in connection and both the low and high beam filaments of the head light bulb will light producing much more candle power when the high beams are on. Installation is simple, just follow the paragraph below that pertains to your application.

Panel Installation

FLOOR DIMMER SWITCHES: First unplug your dimmer switch and plug the wire connector into the relay connector. Plug the dimmer switch back into the additional connector on the relay. The red wire out of the relay runs to #16 on the Express & Bare Bonz panels or to #11 on the Advantage panel. The Black wire out of the relay runs to ground if you have a Bare Bonz panel or to #R on the Advantage panel.

GM STEERING COLUMN DIMMER SWITCHES plug the connector with the blue, yellow, white and brown wires into the column mounted dimmer switch. This connector lacks the locking tabs but the spacing of the three terminals will fit and can be plugged directly in. The other connector running from the relay with the red, blue and brown wires connects to the dimmer switch harness supplied with your complete vehicle wiring kit. The red wire out of the relay runs to #16 on the Express & Bare Bonz panels or to #11 on the Advantage panel. The Black wire out of the relay runs to ground if you have the Express or Bare Bonz panels or to #R on the Advantage panel.

Other Installations

FLOOR DIMMER SWITCHES: First unplug your dimmer switch and plug the wire connector into the relay connector. Plug the dimmer switch back into the additional connector on the relay. The red wire out of the relay connects to a good battery source (HOT ALL THE TIME) with a minimum of 14 gauge wire. The Black wire out of the relay runs to a good body ground.

GM STEERING COLUMN DIMMER SWITCHES Note: The plugs out of the relay for the dimmer switch connection may not look the same as the shape of the dimmer switch mounted on the column. It will however plug into the necessary terminals to allow the dimmer switch to function. Connect your existing harness into the relay connector male plug out of the relay. Plug the female connector out of the relay into the dimmer switch. The red wire out of the relay runs to a good battery source (HOT ALL THE TIME) with a minimum of 14 gauge wire. The Black wire out of the relay runs to a good body ground.

Brite Light Feature

IMPORTANT: Lighting both the high and low beam filaments at the same time will create a heavier amp draw than normal. Exceeding a thirty amp draw on this circuit will cause the relay to fail. Check the bulb manufacturer's amp ratings to ensure this system will not be over loaded when both filaments are lighted at the same time.

Note the two black connectors down near the dimmer switch connector. The red wire connected to the white wire is the standard low/high beams. Reconnecting the red wire to the yellow wire will allow both high and low beams to function when the high beams are turned on resulting in much more candle power produced from the bulbs.

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