



The RP-4 Dimmer Control relay removes the heavy load produced by aftermarket halogen and quartz halogen head lights. This kit puts the load on a high amperage relay with simple plug in wiring.

### **Installation with one of Ron Francis Wiring systems:**

Mount the RP-4 relief relay next to the RP-3 dimmer control. Plug the male connector running from the RP-4 relief relay into the female connector running from the RP-3 dimmer control. **NOTE: This connector is a three gang connector containing only two wires. The RP-3 three gang connector you are plugging into contains three wires.** Plug the other connector (female) running from the RP-4 dimmer control into the connector (male) dimmer plug that has the red, brown and lt blue wires. Run the red wire (BATTERY FEED) to #16 on the Bare Bonz and Express or to #10 on the Advantage panel. **NOTE: Install a 30 amp circuit breaker in line on this wire to protect the circuit.** The black (GROUND) wire connects to a good ground.

### **Other Installations:**

Mount the RP-4 relief relay next to the RP-3 dimmer control. Plug the male connector running from the RP-4 relief relay into the female connector running from the RP-3 dimmer control. **NOTE: This connector is a three gang connector containing only two wires. The RP-3 three gang connector you are plugging into contains three wires.** The other connector (female) running from the RP-4 dimmer control connects to the wiring that runs to your dimmer switch. Simply un-plug the connector from your dimmer switch and plug it into the connector running from the RP-4 relief relay.

If your dimmer switch connector will not plug into the connector running from the RP-4 relief relay then remove both connectors and connect the lt blue wire running from the relay to the wire running from the head light switch. Connect the brown wire to the high beams and the red wire to the low beams.

The red wire (BATTERY FEED) running from the relay connects to a battery hot (hot all the time) 12 volt source. This wire must be fused at a maximum of 30 amps. The black wire connects to a good ground.