

**RON FRANCIS**  
*Wiring*

## BR-66

### BRAKE SWITCH RELIEF RELAY

Use to increase the life of your brake switch by relieving the high amp draw caused by halongen brake bulbs, more than three brake bulbs or a trailer.

MOST brake switches used in the hot rodding sport can only carry a small amount of current. THEY WERE NEVER DESIGNED TO HANDLE HALOGEN BRAKE LIGHT BULBS . It is usually enough to operate two brake light bulbs and a small third "hi" light. WIRE WORKS has designed system to eliminate most of that load for longer brake switch life. This simple circuit is put directly into the existing brake switch circuit and will reduce the electrical load on your brake light switch to improve the life considerably.



#### Installation to the EXPRESS & Bare Bonz Wiring Kits

The wiring on the relay is designed so that you will mount it within a few inches of the Panel. The long orange and purple wires are substituted directly for the brake switch wires sent with the wiring kit. The short orange and purple wires running from the relay connect as follows: The **orange** wire connects to #6. The **purple** wire connects to the purple wire running from the turn signal switch connector. The **black** ground wire running from the relay is connected to a good ground.

#### Installation to the Advantage Wiring Kit

The wiring on the relay is designed so that you will mount it within a few inches of the Panel. The long orange and purple wires are substituted directly for the brake switch wires sent with the wiring kit. The short orange and purple wires running from the relay connect to the panel as follows: The **orange** wire connects to #55 and the **purple** wire connects to #54 on the panel. The **black** ground wire running from the relay is connected to a good ground.

#### All Other Installations

Mount the relay inside the vehicle out of the weather. Remove the wires that are currently running to the brake switch. Run the long orange and purple wires from the relay to the brake switch. Run the short **orange** wire to a 12 volt battery feed (HOT ALL THE TIME) source. The short **purple** wire is the feed into the turn signal switch and/or direct to the brake lights if so desired. The **black** ground wire running from the relay is connected to a good ground.

Customer Service number: 800-292-1940 press option #3

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