

# RON FRANCIS

Wiring

## KA-23

### Retained Accessory Power (RAPS) System

Ron Francis Wiring is continually improving & upgrading our products. This means that if you are installing this product with a wiring kit produced prior to 1997, please call us with your wiring kit serial number to confirm any compatibility problems. Failure to do so "MAY" cause problems with your wiring system.

This system allows desired electrical circuits such as the radio and/or power windows to remain hot after the ignition switch is turned off.

**NOTE:** In order for the retained accessory power system to function properly, this system requires installing and connecting to the supplied interior light door switch. This switch is installed on the driver's side door jam and is the type of switch that creates a ground when the door is opened. The system will not deactivate without completing this connection. Other style door switches can be used, however they must create a ground connection when the entry door is opened.

**IMPORTANT:** This system requires a separate switch so it is not connected to the passenger side door. **DO NOT** wire your interior light or any other circuit into this switch.

### Wiring

**DISCONNECT THE BATTERY!** After you decide on the device(s) you would like to have operate after the ignition switch is turned off, locate the power feed wire(s) to that device on your fuse panel. REMOVE the power feed wire(s) from the power connection point(s) on the fuse panel. Now follow the chart below to complete the wiring installation.

WIRE PRINTING	WIRE COLOR	USE
IGNITION FEED	Orange	Connect to ACC B on the Express fuse panel, #23 on the Advantage fuse panel or to a keyed ignition feed circuit.
BATTERY FEED	Red	<b>IMPORTANT: This wire requires a fused circuit connection.</b> Connect to #P on the Express fuse panel, #56 on the Advantage fuse panel or install a fuse or circuit breaker slightly higher than the accessory you have installed.
ACC PWR FEED	Purple	Connects to the radio, power window or other circuit's power feed wire(s).
GROUND	Black	Connect to a good vehicle ground.
CRANK SIGNAL	Lt Blue	Connect to #4 on the Express fuse panel, #46 on the Advantage panel or to the crank signal (starter engagement) wire running from your vehicle's ignition switch.
DOOR SWITCH	Gray	Connect to the supplied interior light door switch. <b>NOTE:</b> In order for the system to operate correctly, this wire must be grounded when the entry door is opened.