

### Fuse Panel Installation Instructions

Following these simple instructions will guarantee a successful installation of your American Autowire fuse panel harness.

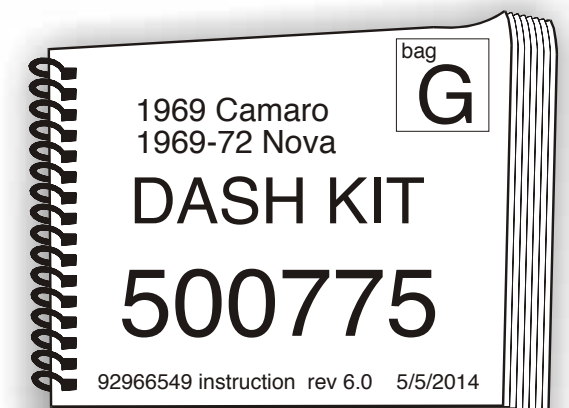
1. Study the diagram above to familiarize yourself with the dash harness.
2. Install the fuse box.
3. Route the dash harness using the factory support straps.
4. Make all connections as shown on the following pages of this dash harness kit.
5. Once this harness is installed, continue to bag 'H', and install the rest of the kit (bags H,J,K,L,M).



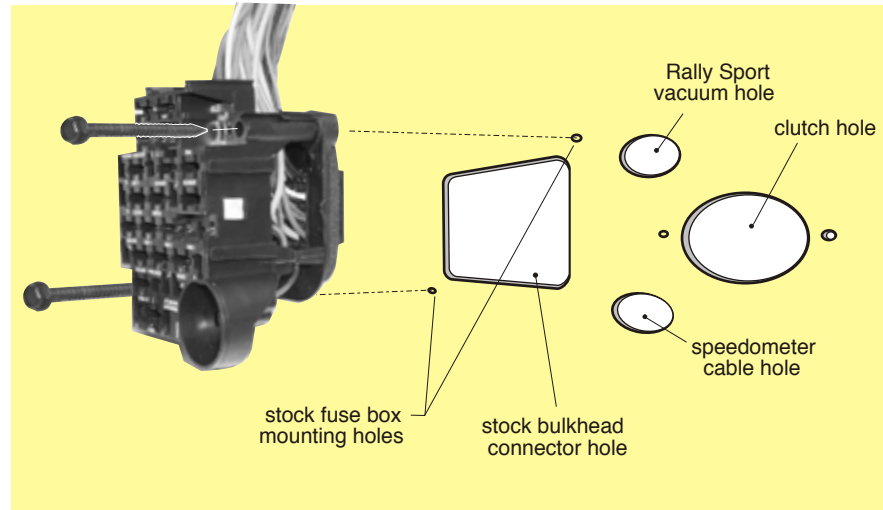
The above picture shows the orientation for 72 Nova wiper hook-up only. All other applications can only be plugged in one way.



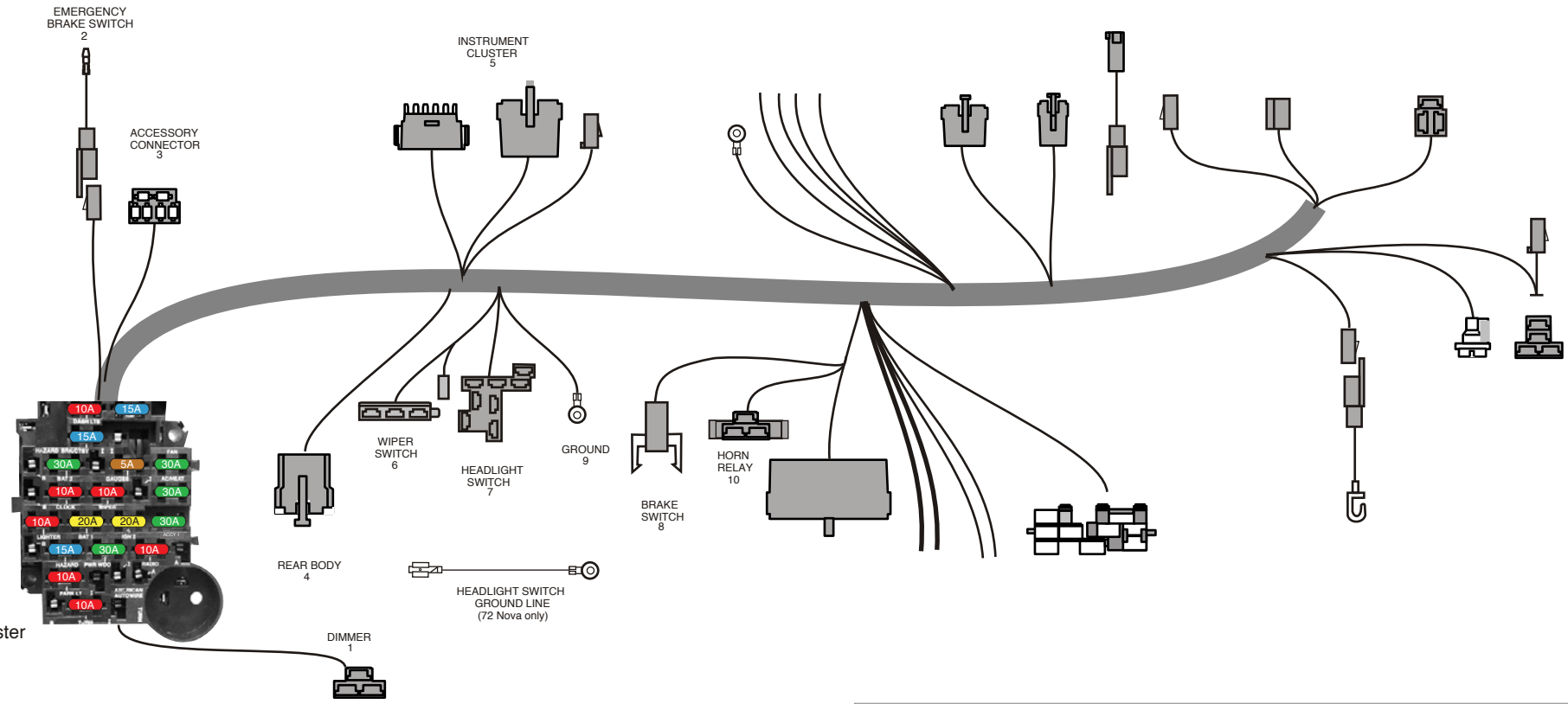
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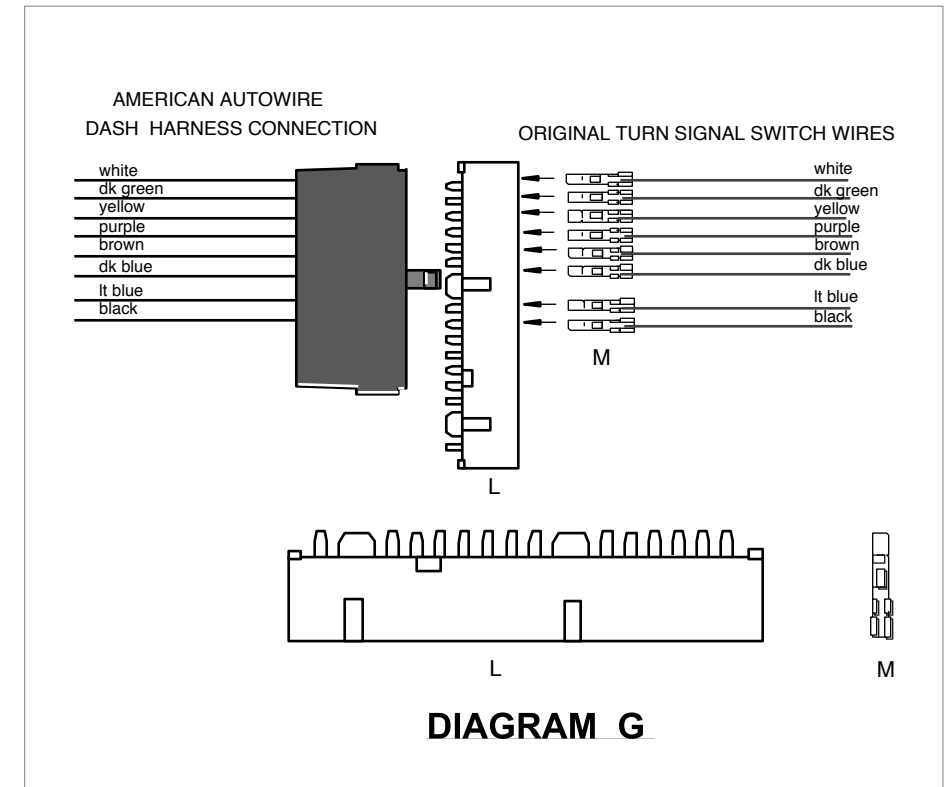
# INSTALLING THE FUSE BOX

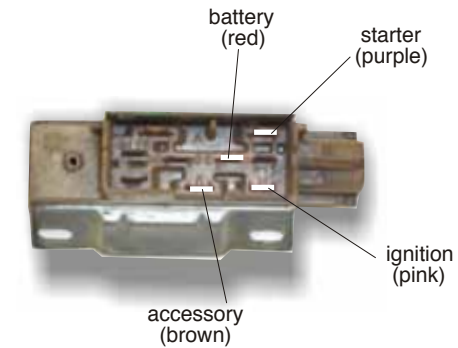
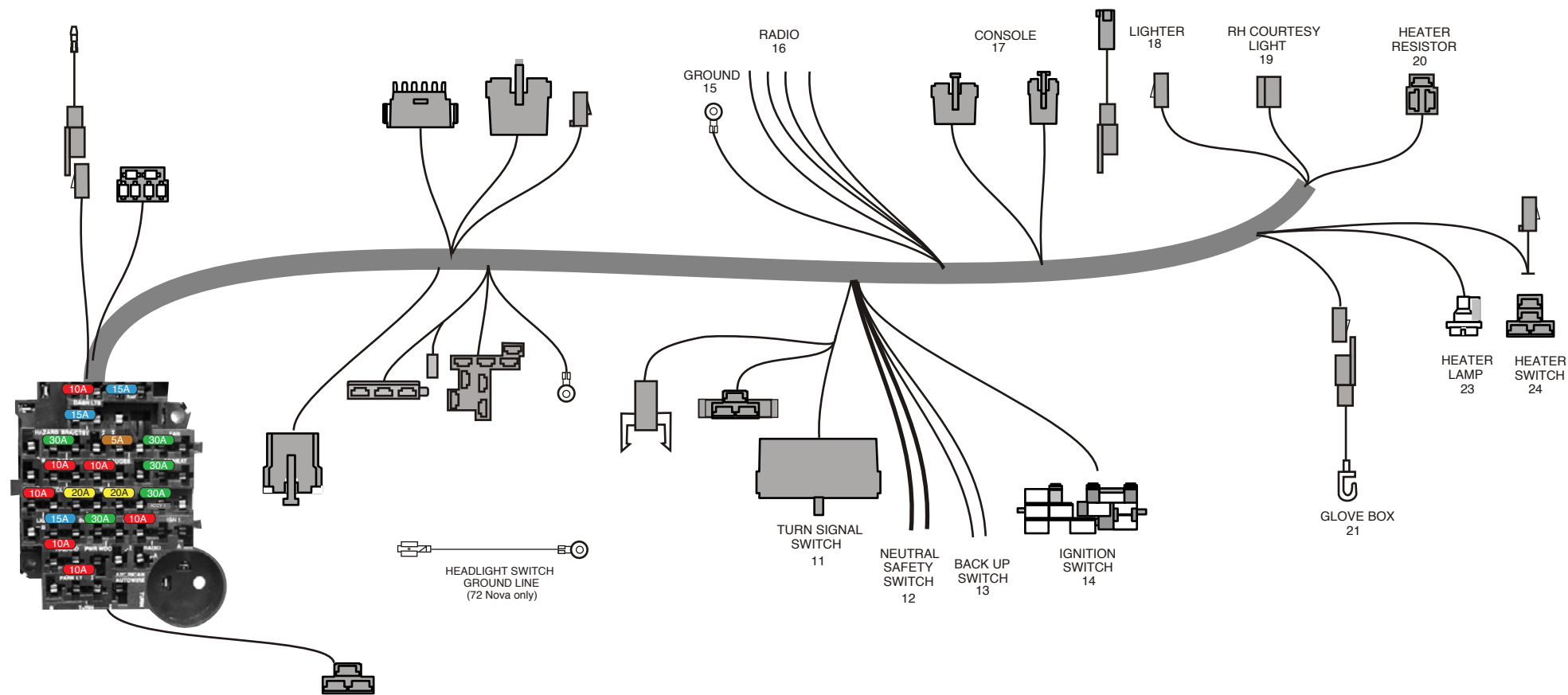


1. Locate the stock OEM bulkhead hole in the driver side of the firewall.
2. Mount the fuse box with the flasher can in the bottom right corner, as shown above.
3. Using the two mounting screws A, attached the fuse panel to the firewall.



1	DIMMER SWITCH	Light Green Light Green Tan Yellow	Thin wire is feed to high beam indicator light in instrument cluster Heavy wire is headlight high beam feed wire. Headlight low beam feed wire. Headlight power feed wire from headlight switch.																				
2	EMERGENCY BRAKE	Tan	Connect to the emergency brake switch. This is the ground circuit for the brake switch light. Use as is on 69 Camaro, and use female connector on Nova applications																				
3	ACCESSORIES	Use the provided connector J and terminals as power leads for the following:																					
		<table border="1"> <thead> <tr> <th>Fuse</th> <th>Rating</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Dark Blue</td> <td>10 amp</td> <td>Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit)</td> </tr> <tr> <td>Orange</td> <td>BAT1 20 amp</td> <td>Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another battery circuit)</td> </tr> <tr> <td>Red</td> <td>BAT2 30 amp</td> <td>Fused 12 volt BATTERY feed for power door locks (may also be used to feed power to another accessory circuit)</td> </tr> <tr> <td>Pink</td> <td>IGN1 20 amp</td> <td>Fused 12 volt IGNITION feed for cruise control (may also be used to feed power to another ignition circuit)</td> </tr> <tr> <td>Yellow</td> <td>PWRWDO 30 amp</td> <td>Fused 12 volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit)</td> </tr> <tr> <td>Tan</td> <td>ACCY1 30 amp</td> <td>Fused 12 volt ACCESSORY feed (may also be used to feed power to an accessory circuit)</td> </tr> </tbody> </table>	Fuse	Rating	Description	Dark Blue	10 amp	Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit)	Orange	BAT1 20 amp	Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another battery circuit)	Red	BAT2 30 amp	Fused 12 volt BATTERY feed for power door locks (may also be used to feed power to another accessory circuit)	Pink	IGN1 20 amp	Fused 12 volt IGNITION feed for cruise control (may also be used to feed power to another ignition circuit)	Yellow	PWRWDO 30 amp	Fused 12 volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit)	Tan	ACCY1 30 amp	Fused 12 volt ACCESSORY feed (may also be used to feed power to an accessory circuit)
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4	REAR BODY	Tan Brown Yellow Dark Green Orange White Light Green Light Blue	This connector will mate to the connector from the Rear Body harness found in bag L. Fuel tank sender lead Tail lamp feed LH turn / brake feed RH turn / brake feed Dome / courtesy lamp feed Dome / courtesy lamp ground Back up lamp feed Third brake light																				
5	INSTRUMENT CLUSTER DISCONNECTS		These connectors will plug into the gauge disconnect harness from bag H. Wire identifications are described on the Instruction sheets from bag H.																				
6	WIPER	Black Black Dk Blue Lt Blue	Ground for switch assy. (single wire used in 72 Nova only) Ground circuit for low speed. (in 3 way connector) Ground circuit for washer. (in 3 way connector) Ground circuit for hi speed. (in 3 way connector)																				
7	HEADLIGHT SWITCH	Red Orange Brown Yellow Dk Green White Black	12 volt feed to switch 12 volt feed in to park/tail Park lamp feed out Dimmer feed Instrument lamp feed Dome / courtesy ground Switch body ground BAT location on headlight switch PARK / TAIL FEED IN location on headlight switch. (commonly found on GM headlight switches) PARK LAMP OUT location on headlight switch. DIMMER FEED location on headlight switch. INSTRUMENT LAMP location on headlight switch. GROUND location on headlight switch. Plug this onto male blade on side of H/L switch then ground ring terminal (for use on 72 Nova applications only)																				
8	BRAKE SWITCH	Orange White Lt Blue	Plug this connector into the factory brake switch. 12 volt feed 'in' to switch. 12 volt feed 'out' to steering column switch. 12 volt feed 'out' to third brake light																				
9	GROUND	Black	Connect to a good chassis ground.																				
10	HORN RELAY	Red Black Green	Plug the horn relay (found in the fuse bag) into this connector. 12 volt battery Relay ground circuit (to steering column) Triggered 12 volts to horn																				





STOCK 1969 GM IGNITION SWITCH (switch not included in this kit)

Note: wire will only go into the white connector, but the black connector must also be plugged in to lock the white connector to the switch.

DIAGRAM H

- |            |  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
|------------|--|---|--------|--|------------|--|--------|------------------------|---------|--|--------|----------------------------------|-----------|--------------------|------------|--------------------|-------|---------------------------------------|
| 11         | TURN SIGNAL SWITCH   | <p>This harness has a connector on it for the 3-7/8 1969-1974 GM column connection used by GM and many after-market manufacturer s. If using a late model GM steering column or an after-market column using the 4-1/4 GM turn signal connector, replace existing connector with connector L, matching wires by color.</p> <table border="0"> <tr><td>White</td><td>12 volt feed from brake switch</td></tr> <tr><td>Dark Green</td><td>RH tail lamp</td></tr> <tr><td>Yellow</td><td>LH tail lamp</td></tr> <tr><td>Purple</td><td>12 volt feed from turn flasher</td></tr> <tr><td>Brown</td><td>12 volt feed from hazard flasher</td></tr> <tr><td>Dark Blue</td><td>RH front park lamp</td></tr> <tr><td>Light Blue</td><td>LH front park lamp</td></tr> <tr><td>Black</td><td>Horn relay ground wire to horn switch</td></tr> </table> | White  | 12 volt feed from brake switch                                   | Dark Green | RH tail lamp   | Yellow | LH tail lamp           | Purple  | 12 volt feed from turn flasher             | Brown  | 12 volt feed from hazard flasher | Dark Blue | RH front park lamp | Light Blue | LH front park lamp | Black | Horn relay ground wire to horn switch |
| White      | 12 volt feed from brake switch   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Dark Green | RH tail lamp   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Yellow     | LH tail lamp   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Purple     | 12 volt feed from turn flasher   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Brown      | 12 volt feed from hazard flasher   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Dark Blue  | RH front park lamp   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Light Blue | LH front park lamp   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Black      | Horn relay ground wire to horn switch  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 12         | NEUTRAL SAFETY SWITCH  | <p>Connect these wires to the neutral safety switch on the column or console shifter.</p> <table border="0"> <tr><td>Purple</td><td>12 volt feed 'in' to neutral safety switch from ignition switch.</td></tr> <tr><td>Purple</td><td>12 volt feed 'out' to starter solenoid.</td></tr> </table>  | Purple | 12 volt feed 'in' to neutral safety switch from ignition switch. | Purple     | 12 volt feed 'out' to starter solenoid.  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Purple     | 12 volt feed 'in' to neutral safety switch from ignition switch.   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Purple     | 12 volt feed 'out' to starter solenoid.  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 13         | BACK UP SWITCH   | <p>Connect these wires to the back up switch on the column or console shifter.</p> <table border="0"> <tr><td>Pink</td><td>12 volt ignition feed 'in' to back up lamp switch</td></tr> <tr><td>Lt Green</td><td>12 volt feed 'out' to back up lamps</td></tr> </table>  | Pink   | 12 volt ignition feed 'in' to back up lamp switch                | Lt Green   | 12 volt feed 'out' to back up lamps  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Pink       | 12 volt ignition feed 'in' to back up lamp switch  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Lt Green   | 12 volt feed 'out' to back up lamps  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 14         | IGNITION SWITCH  | <p>Note: Connectors are included if you are using a stock 1969 Camaro ignition switch as shown in Diagram H.</p> <table border="0"> <tr><td>Red</td><td>12 volt battery feed</td></tr> <tr><td>Pink</td><td>12 volt ignition feed</td></tr> <tr><td>Brown</td><td>12 volt accessory feed</td></tr> <tr><td>Purple</td><td>Starter lead wire to Neutral Safety Switch</td></tr> </table>   | Red    | 12 volt battery feed   | Pink       | 12 volt ignition feed  | Brown  | 12 volt accessory feed | Purple  | Starter lead wire to Neutral Safety Switch |        |                                  |           |                    |            |                    |       |                                       |
| Red        | 12 volt battery feed   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Pink       | 12 volt ignition feed  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Brown      | 12 volt accessory feed   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Purple     | Starter lead wire to Neutral Safety Switch   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 15         | GROUND   | <p>Connect to a good chassis ground.</p>  |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 16         | RADIO  | <p>Tan Radio accessory feed. (Power wire for stock radio). Black wire for radio ground. Gray wire for radio lamp.<br/>         Yellow Radio 12 volt clock lead (battery feed) (Loose piece terminals &amp; connectors have been provided for stock radio hook up.)<br/>         Black Radio ground for stock 1970-72 radio.<br/>         Gray Radio lamp feed for stock 1970-72 radio.</p>  |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 17         | CONSOLE CONNECTION   | <p>These wires are for use on a console vehicle. For wire functions, refer to bag K, 500664.</p>  |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 18         | LIGHTER  | <p>Orange Connect to lighter. (battery feed)(use as is with extension for Camaro or remove extension for use on Nova)</p>   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 19         | RH COURTESY LAMP   | <p>Plug this connector into the mating connector from the courtesy lamp kit bag N, 500708.</p> <table border="0"> <tr><td>Orange</td><td>12 volt battery feed to lamp</td></tr> <tr><td>White</td><td>Ground circuit for lamp</td></tr> </table>  | Orange | 12 volt battery feed to lamp                                     | White      | Ground circuit for lamp  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Orange     | 12 volt battery feed to lamp   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| White      | Ground circuit for lamp  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 20         | HEATER RESISTOR  | <p>Plug this connector into the factory heater resistor located on top of the heater box on most A/C cars.</p>  |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 21         | GLOVE BOX LIGHT  | <p>Orange Connect to the original factory glove box lamp switch. If not using, just unplug and tape back.</p>   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 23         | HEATER LAMP  | <p>Gray Heater control lamp feed</p>  |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| 24         | HEATER SWITCH  | <p>Plug this connector into the factory heater switch.</p> <table border="0"> <tr><td>Black</td><td>Heater control lamp ground</td></tr> <tr><td>Brown</td><td>12 volt accessory feed to heater / ac switch (if using aftermarket a/c, use the short brown wire as the accessory feed wire to a/c harness. If a new A/C harness is needed please order our p/n CA97546 separately.)</td></tr> <tr><td>Yellow</td><td>Heater resistor</td></tr> <tr><td>Lt Blue</td><td>Heater resistor</td></tr> <tr><td>Orange</td><td>Heater resistor</td></tr> </table>  | Black  | Heater control lamp ground                                       | Brown      | 12 volt accessory feed to heater / ac switch (if using aftermarket a/c, use the short brown wire as the accessory feed wire to a/c harness. If a new A/C harness is needed please order our p/n CA97546 separately.) | Yellow | Heater resistor        | Lt Blue | Heater resistor                            | Orange | Heater resistor                  |           |                    |            |                    |       |                                       |
| Black      | Heater control lamp ground   |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
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| Yellow     | Heater resistor  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Lt Blue    | Heater resistor  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |
| Orange     | Heater resistor  |   |        |  |            |  |        |                        |         |  |        |                                  |           |                    |            |                    |       |                                       |



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