

The above picture shows the orientation for **1972** Nova wiper hook-up **only**. All other applications can only be plugged in one way.

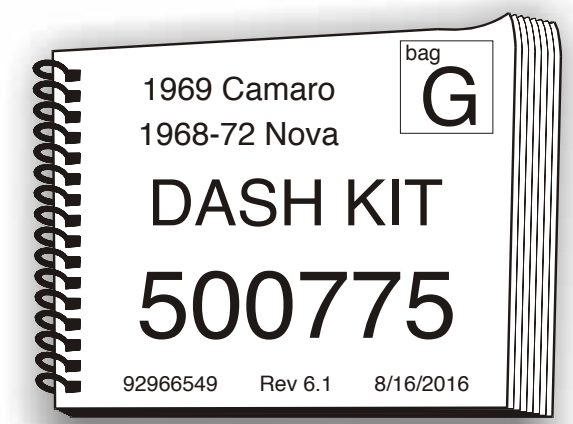
Fuse Panel Installation Instructions

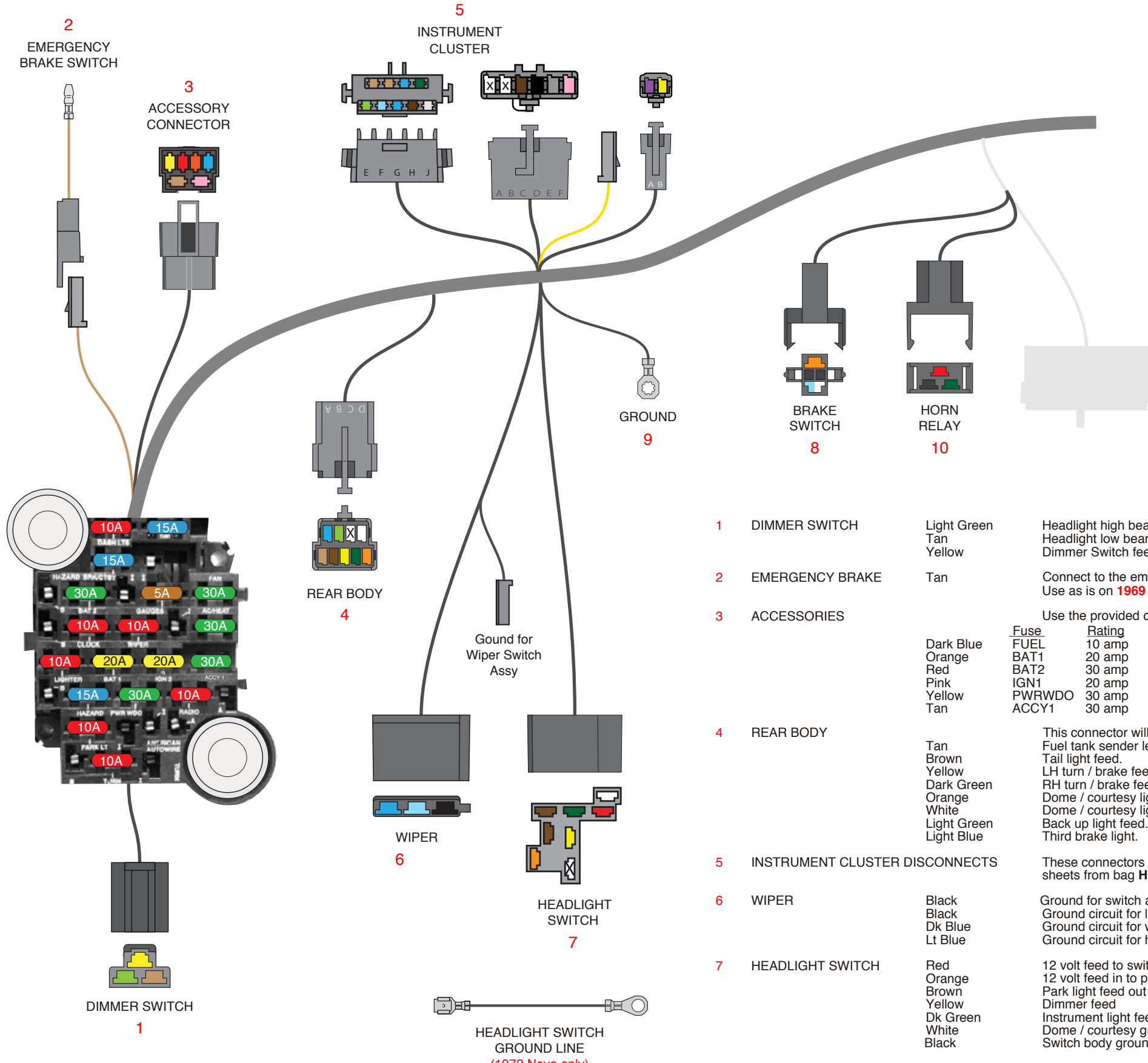
Following these simple instructions will guarantee a successful installation of your American Autowire fuse panel harness.

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).

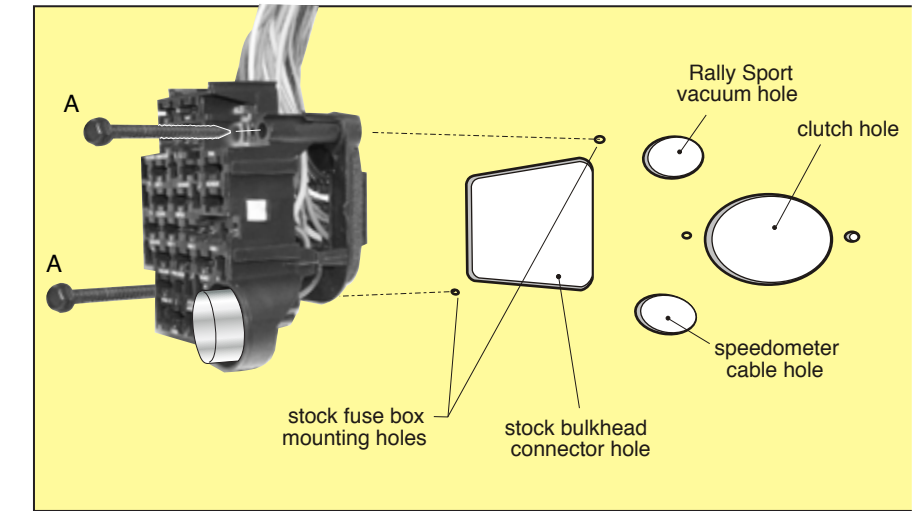


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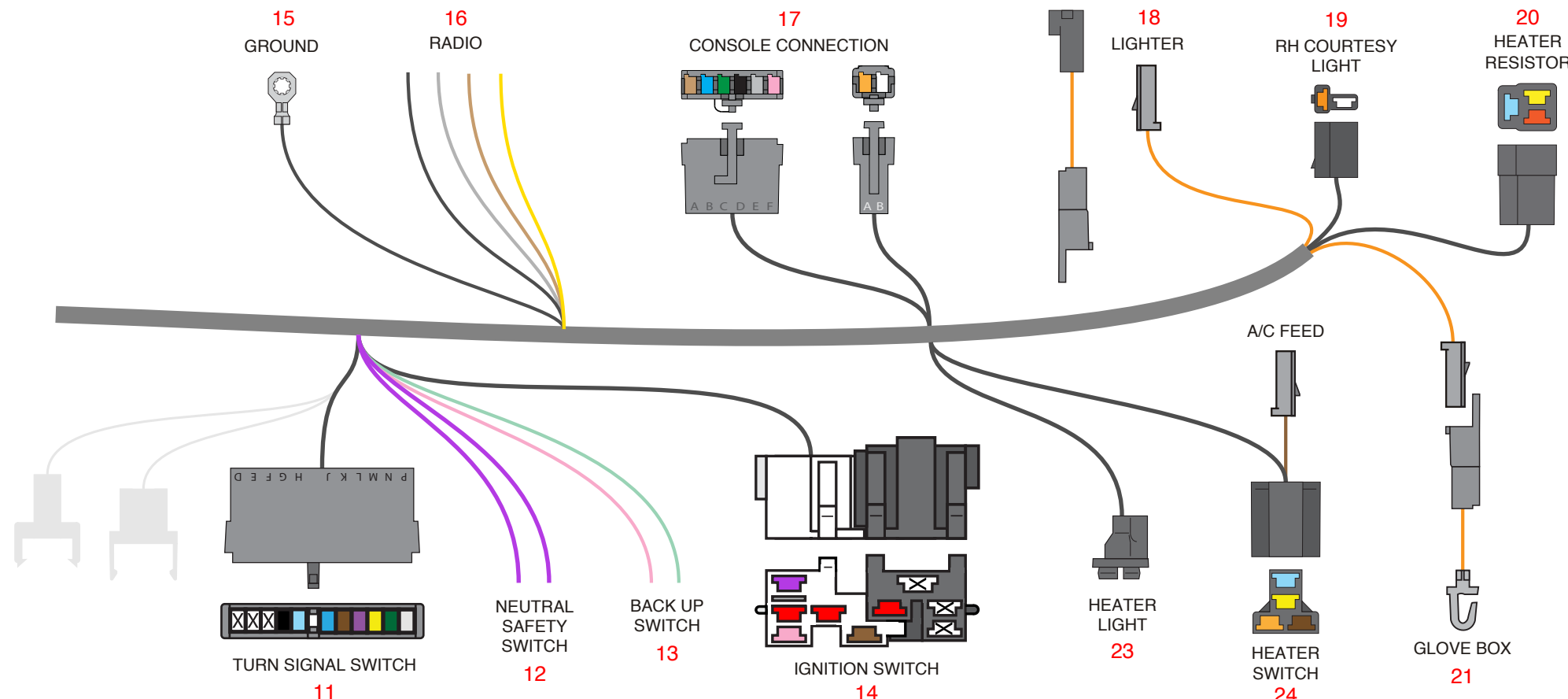
INSTALLING THE FUSE BOX



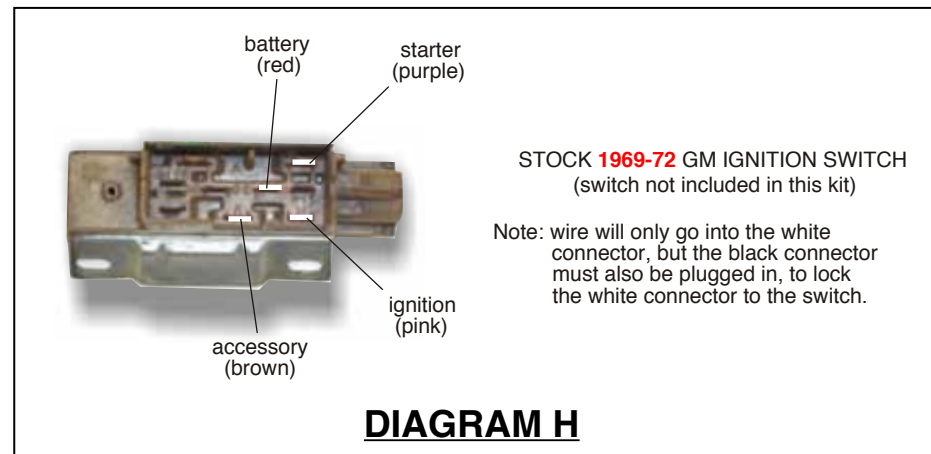
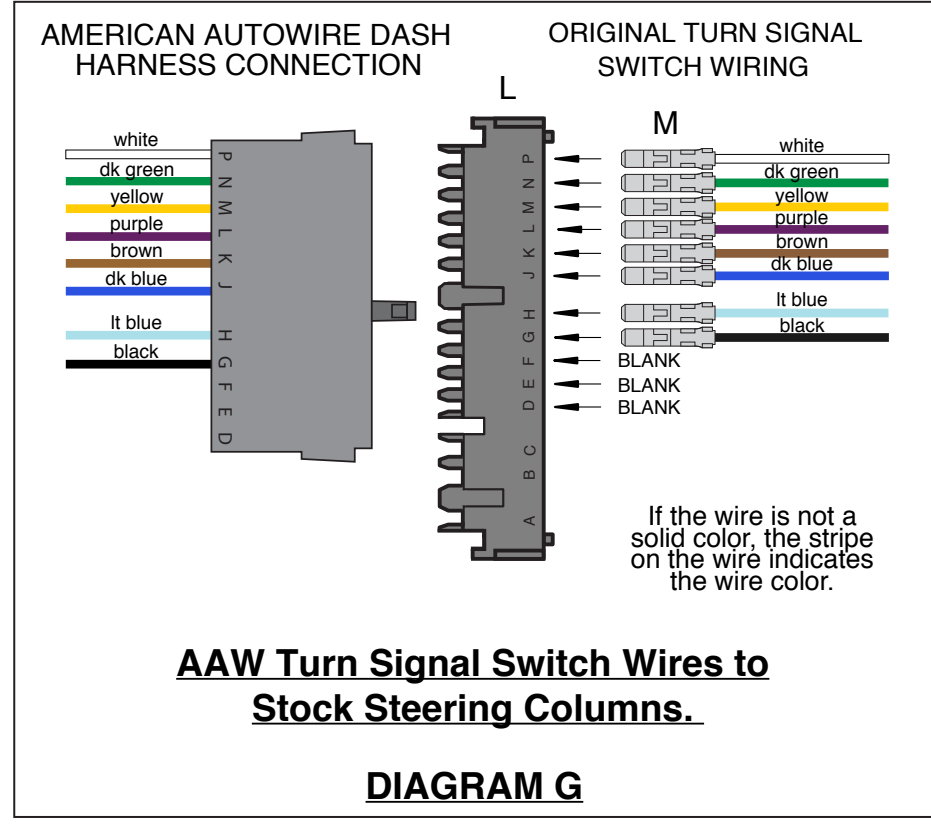
1. Locate the stock OEM bulkhead hole in the driver side of the firewall.
2. Mount the fuse box with the flasher can in the bottom right corner, as shown above.
3. Using the two mounting screws A, attach the fuse panel to the firewall.

1	DIMMER SWITCH	Light Green Tan Yellow	Headlight high beam feed wire. Headlight low beam feed wire. Dimmer Switch 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 1969 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></th> </tr> </thead> <tbody> <tr> <td>FUEL</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>BAT1</td> <td>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>BAT2</td> <td>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>IGN1</td> <td>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>PWRWDO</td> <td>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>ACCY1</td> <td>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		FUEL	10 amp	Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit).	BAT1	20 amp	Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another battery circuit).	BAT2	30 amp	Fused 12 volt BATTERY feed for power door locks (may also be used to feed power to another accessory circuit).	IGN1	20 amp	Fused 12 volt IGNITION feed for cruise control (may also be used to feed power to another ignition circuit).	PWRWDO	30 amp	Fused 12 volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit).	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 light feed. LH turn / brake feed. RH turn / brake feed. Dome / courtesy light feed. Dome / courtesy light ground. Back up light 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 1972 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 light feed out Dimmer feed Instrument light feed Dome / courtesy ground Switch body ground BAT location on headlight switch. PARK/TAIL FEED IN location on headlight switch. PARK LIGHT OUT location on headlight switch. DIMMER FEED location on headlight switch. INSTRUMENT LIGHT 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 1972 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.																					





- 11** TURN SIGNAL SWITCH This harness has a connector on it for the 3-7/8 1969-1974 GM column connection used by GM and many after-market manufacturers. 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, as shown in **Diagram G**.
 White 12 volt feed from brake switch.
 Dark Green RH stop/turn light.
 Yellow LH stop/turn light.
 Purple 12 volt feed from turn flasher.
 Brown 12 volt feed from hazard flasher.
 Dark Blue RH front turn light.
 Light Blue LH front turn light.
 Black Horn relay ground wire to horn switch.
- 12** NEUTRAL SAFETY SWITCH Connect these wires to the neutral safety switch on the column or console shifter.
 Purple 12 volt feed 'in' to neutral safety switch from ignition switch.
 Purple 12 volt feed 'out' to starter solenoid.
- 13** BACK UP SWITCH Connect these wires to the back up switch on the column or console shifter.
 Pink 12 volt ignition feed 'in' to back up light switch.
 Lt Green 12 volt feed 'out' from back up light switch to back up lights.
- 14** IGNITION SWITCH Note: Connectors are included if you are using a stock 1969-72 ignition switch as shown in **Diagram H**.
 Red 12 volt battery feed "in".
 Pink 12 volt ignition feed "out".
 Brown 12 volt accessory feed "out".
 Purple Starter lead "out" to Neutral Safety Switch.
- 15** GROUND Black Connect to a good chassis ground.
- 16** RADIO Tan Radio accessory feed. (Power wire for stock radio).
 Yellow Radio 12 volt clock lead (battery feed) (Loose piece terminals & connectors have been provided for stock radio hook up.)
 Black Radio ground for stock 1970-72 radio (or aftermarket if necessary).
 Gray Radio light feed for stock 1970-72 radio (or aftermarket if necessary).
- 17** CONSOLE CONNECTION These wires are for use on a console vehicle. For wire functions, refer to bag **K, 500664**.
- 18** LIGHTER Orange Connect to lighter. (battery feed)(use as is with extension for Camaro or remove extension for use on Nova).
- 19** RH COURTESY LIGHT Plug this connector into the mating connector from the courtesy light kit bag **N, 500708**.
 Orange 12 volt battery feed fo light
 White Ground circuit for light
- 20** HEATER RESISTOR Plug this connector into the factory heater resistor located on top of the heater box on **non-A/C cars only**.
- 21** GLOVE BOX LIGHT Orange Connect to the original factory glove box light switch. If not using, just unplug and tape back.
- 23** HEATER LIGHT Gray Heater control light feed.
 Black Heater control light ground.
- 24** HEATER SWITCH Plug this connector into the factory heater switch.
 Brown 12 volt accessory feed to heater / ac switch (if using factory or aftermarket a/c, use the short brown wire as the accessory feed wire to your a/c harness. If a new A/C harness is needed, please refer to **Table A**, at right).
 Yellow Heater resistor.
 Lt Blue Heater resistor.
 Orange Heater resistor.



Factory A/C Harnesses

1968 Nova	NV85279
1969 Camaro, 1969-70 Nova	CA97546
1971 Nova	NV11892
1972 Nova	NV28041

TABLE A

**American
Autowire**

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1969 Camaro
1968-72 Nova

**DASH KIT
500775**

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