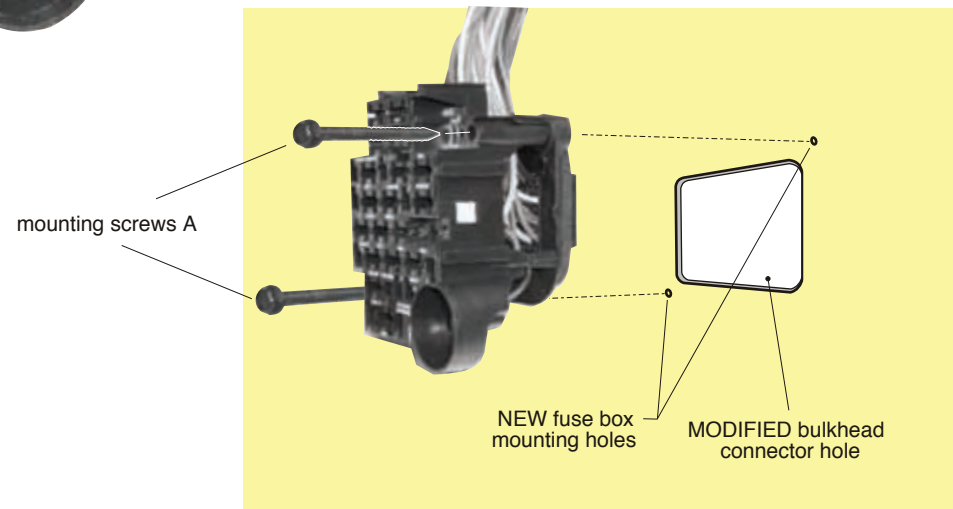


### INSTALLING THE FUSE BOX



1. Locate the stock OEM bulkhead hole in the driver side of the firewall. **NOTE: You will need to modify the opening in the firewall by making it larger. See firewall template 92968980 to help with this operation.**
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.

### Fuse Panel Installation Instructions

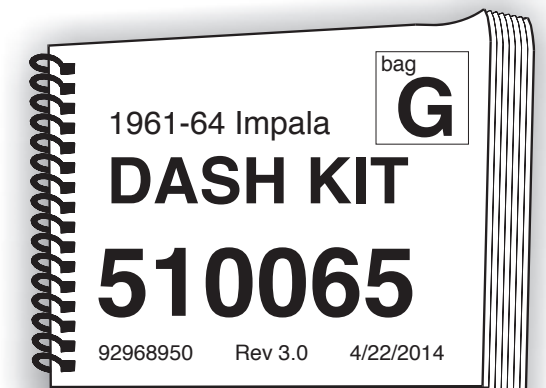
Following these simple instructions will guarantee a successful installation of your American Autowire fuse panel harness.

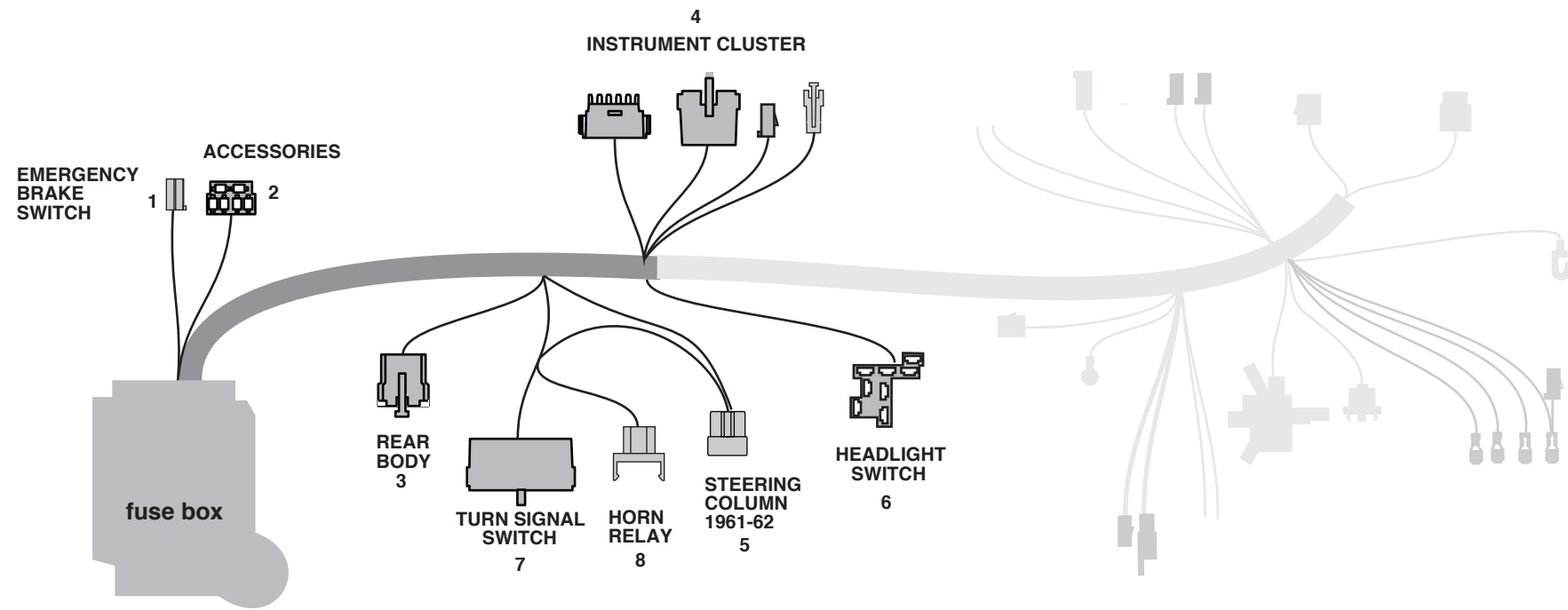
1. Study the diagram above to familiarize yourself with the dash harness.
2. Modify your firewall opening and install the fuse box (see item #1 below left, and 92968980 template).
3. Route the dash harness using the factory support straps.
4. Make all connections as shown on the following pages of this 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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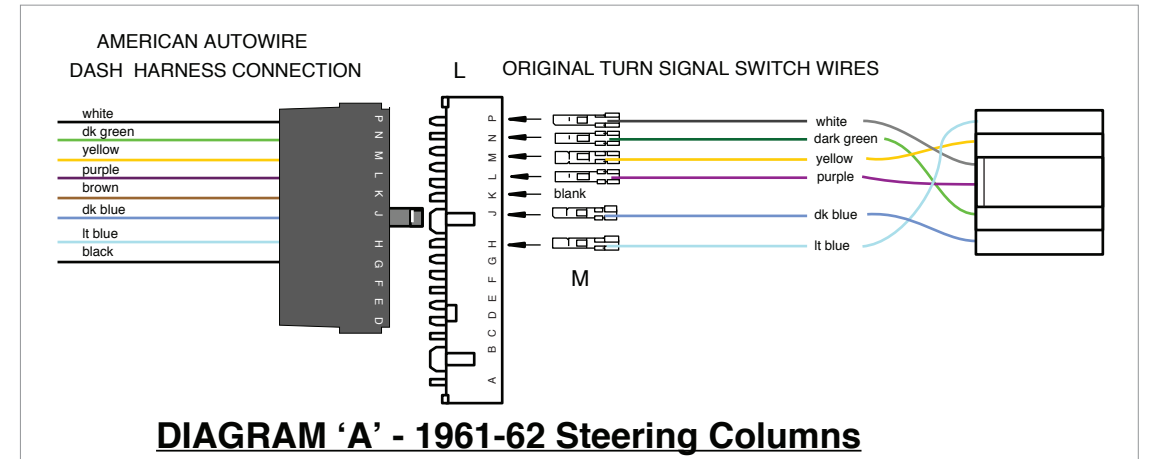
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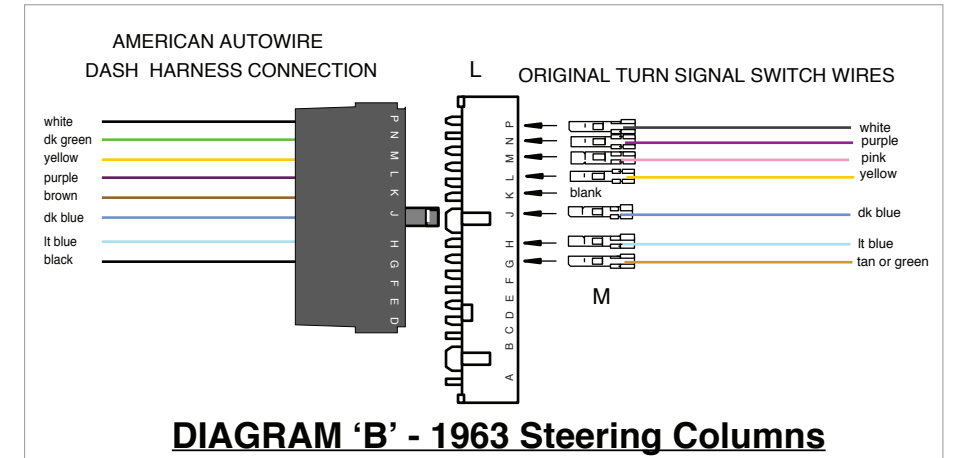


- |   |   |   |   |
|---|---|---|---|
| 1 | EMERGENCY BRAKE                           | Tan<br>Pink   | Connect to the emergency brake switch. This is the ground circuit for the brake switch light.<br>Connect to the emergency brake switch. This is the power circuit for the brake switch light.   |
| 2 | ACCESSORIES                               | Use the provided connector J attached and terminals as power leads for the following:   |   |
|   |   | Fuse Rating   |   |
|   |   | Dark Blue FUEL 15 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)   |
| 3 | REAR BODY                                 | This connector will mate to the connector from the Rear Body harness found in bag M.  |   |
|   |   | Tan   | Fuel tank sender lead   |
|   |   | Brown   | Tail lamp feed  |
|   |   | Yellow  | LH turn / brake feed  |
|   |   | Dark Green  | RH turn / brake feed  |
|   |   | Orange  | Dome / courtesy lamp feed   |
|   |   | White   | Dome / courtesy lamp ground   |
|   |   | Light Green   | Back up lamp feed   |
|   |   | Light Blue  | Third brake light   |
| 4 | 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.   |   |
| 5 | STEERING COLUMN CONNECTION (1961-62 only) | Gray<br>Black   | Transmission selector lamp wire for column automatic cars.<br>Horn relay ground wire if using stock 1961-62 column.   |
| 6 | HEADLIGHT SWITCH                          | Red<br>Orange<br><br>Brown<br>Yellow<br>Dk Green<br>White   | 12 volt feed to switch<br>12 volt feed 'in' to park/tail<br><br>Park lamp feed 'out'<br>Dimmer feed<br>Instrument lamp feed<br>Dome / courtesy ground<br>'BAT' location on headlight switch<br>'PARK / TAIL FEED IN' location on headlight switch. (commonly found on GM headlight switches)<br>'PARK LAMP OUT' location on headlight switch.<br>'DIMMER FEED' location on headlight switch.<br>'INSTRUMENT LAMP' location on headlight switch.<br>'GROUND' location on headlight switch. |
| 7 | TURN SIGNAL SWITCH                        | This harness is set up for a 1969-74 GM or Ididit Steering column utilizing a 3 7/8" turn signal switch connector. If you are using your car's original column, we have provided you with the proper connector (L) and terminals (M) for you to cut your existing connector off of your 1963-64 steering column and adapt it into our new dash harness. For a 1961-62 car, the turn signal switch is a mechanical unit that is mounted on top of the column up under the dash. There was no electrical wiring coming from the switch as your original dash harness contained the connector that plugged directly into the switch. A new connector pigtail is included to build an adapter that will allow for the use of the original 1961-61 mechanical turn signal switch. The adapter will use the same connector and terminals as the 1963-64 configuration mentioned above to connect to the under dash harness. If using a 1975 or later GM steering column or an after-market steering column using a GM turn signal switch with the 4-1/4" GM turn signal connector, it will be necessary to replace the 4 1/4" turn signal switch connector with the included 3 7/8" connector L, matching wires by color. |   |
|   |   | White<br>Dark Green<br>Yellow<br>Purple<br>Brown<br>Dark Blue<br>Light Blue<br>Black  | 12 volt feed from brake switch<br>RH tail lamp<br>LH tail lamp<br>12 volt feed from turn flasher<br>12 volt feed from hazard flasher<br>RH front park lamp<br>LH front park lamp<br>Horn relay ground wire to horn switch (1963-64)   |
| 8 | HORN RELAY                                | Plug the horn relay (found in the fuse bag) into this connector.<br>Red 12 volt battery<br>Black Relay ground circuit (to steering column)<br>Green Triggered 12 volts to horn  |   |

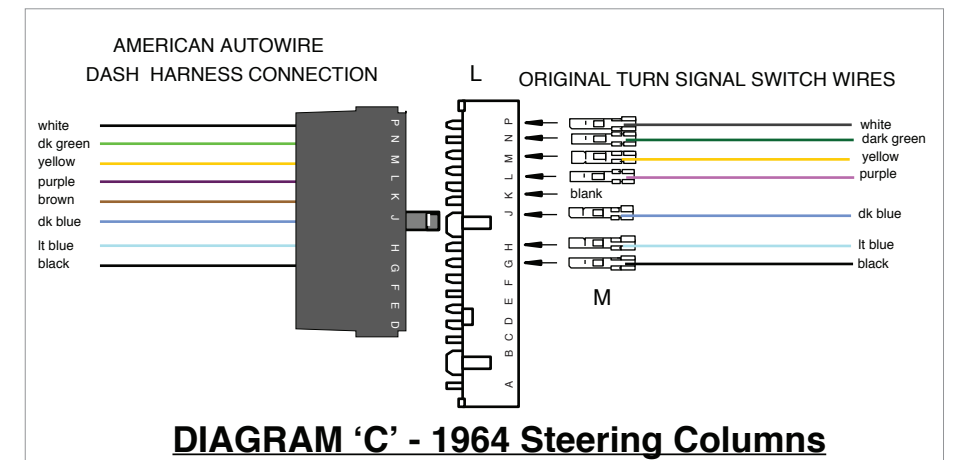
**NOTE:** We suggest notching out a new key slot on your dash cluster at about 10 o'clock (as seen to the right) to help clear the headlight switch connection behind the dash



**DIAGRAM 'A' - 1961-62 Steering Columns**



**DIAGRAM 'B' - 1963 Steering Columns**

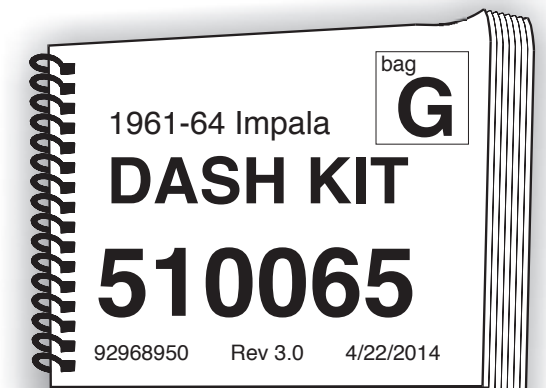


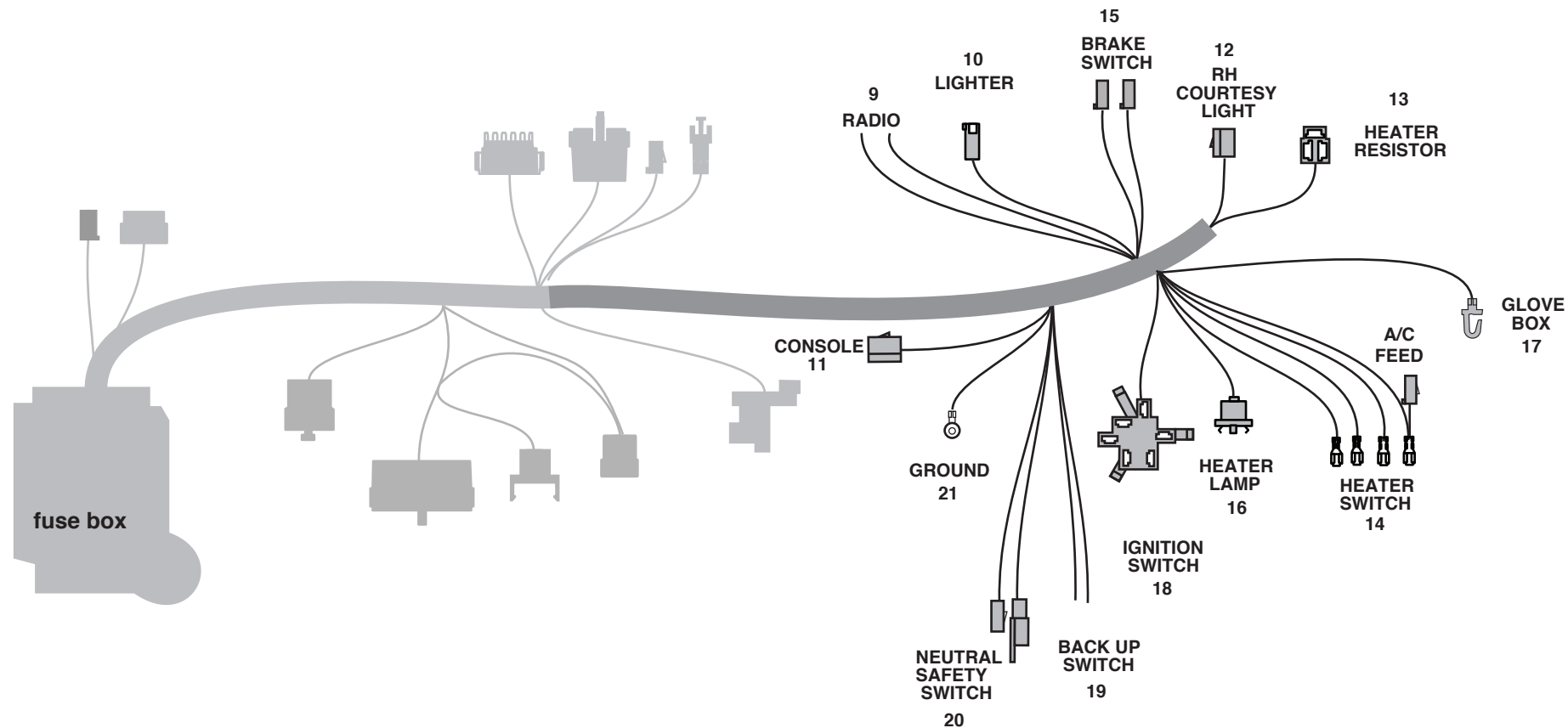
**DIAGRAM 'C' - 1964 Steering Columns**



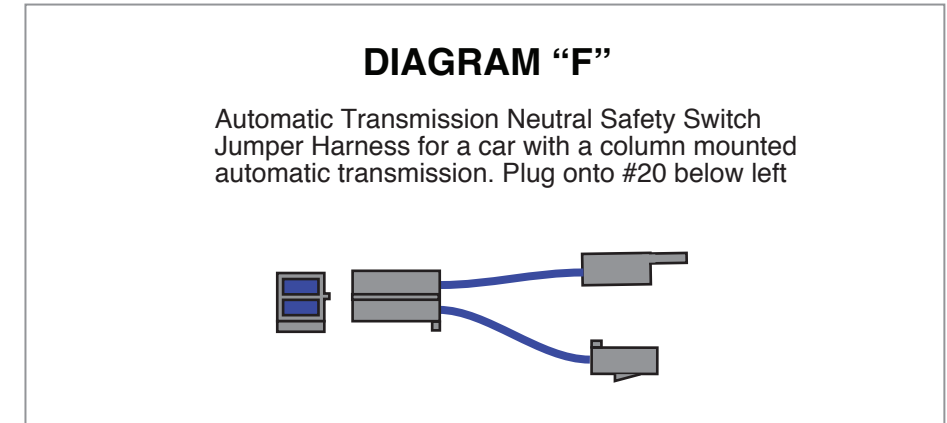
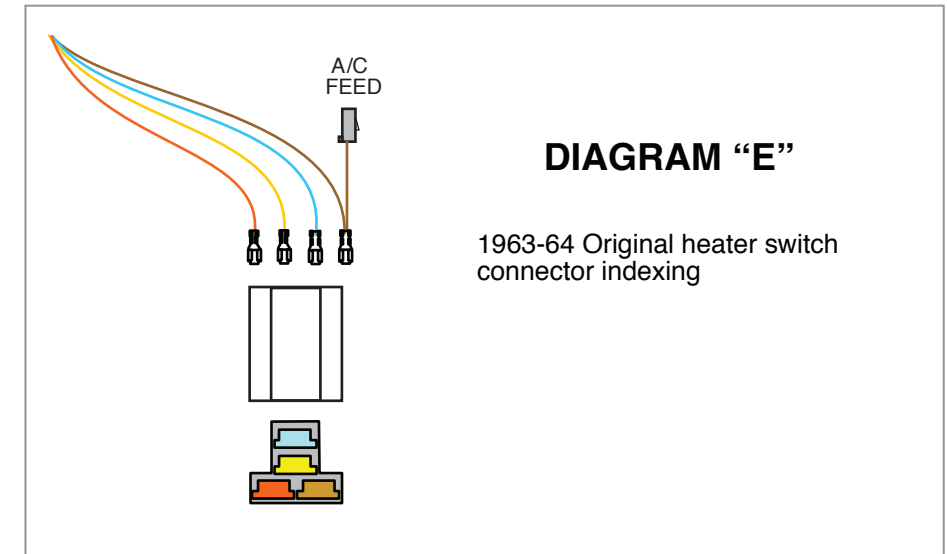
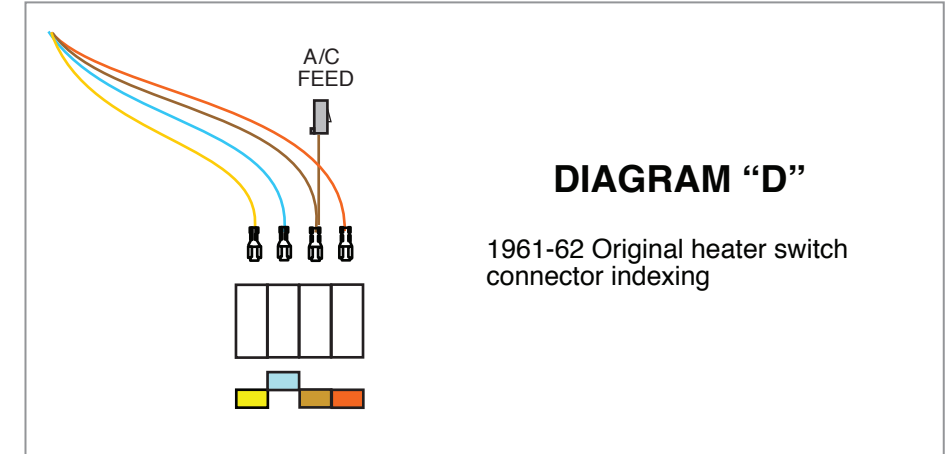
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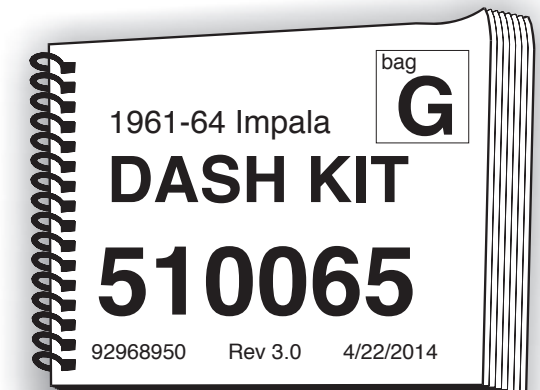




9	RADIO	Tan	Radio accessory feed.
		Yellow	Radio 12 volt clock lead (battery feed)
10	LIGHTER	Orange	Connect to lighter. (battery feed)
11	CONSOLE CONNECTION	These wires are for use on a console vehicle.	
		Orange	12 volt battery feed
		Grey	Console illumination lamp
		White	Courtesy ground
12	RH COURTESY LAMP	Plug this connector into the mating connector from the courtesy lamp kit bag N, 500471.	
		Special Note: If you are working on a 1963 or 1964 vehicle, a loose piece terminal has been provided in this dash kit for you to crimp onto the door jamb switch wire.	
		Orange	12 volt battery feed to lamp
		White	Ground circuit for lamp
13	HEATER RESISTOR	Plug this connector into the factory heater resistor located on top of the heater box of a non A/C car.	
14	HEATER SWITCH	Plug this connector into the factory heater switch. See Diagrams D and E for connector indexing.	
		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.)
		Yellow	Heater resistor
		Lt Blue	Heater resistor
		Orange	Heater resistor
15	BRAKE SWITCH	Plug these connectors onto the factory brake switch.	
		Orange	12 volt feed 'in' to switch.
		White	12 volt feed 'out' to steering column switch.
		Lt Blue	12 volt feed 'out' to third brake light.
16	HEATER LAMP	Gray	Heater lamp
17	GLOVE BOX LIGHT	Orange	Connect to the original factory glove box lamp switch. If not using, just unplug and tape back.
18	IGNITION SWITCH	Red	12 volt battery feed
		Pink	12 volt ignition feed
		Brown	12 volt accessory feed
		Purple	12 volt starter feed
19	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 lamp switch
		Lt Green	12 volt feed 'out' to back up lamps
20	NEUTRAL SAFETY SWITCH	If using a column mounted automatic transmission, plug these wires into the NSS jumper harness in Diagram F at the right, then plug onto the neutral safety switch on the column.	
		If using with console mounted automatic transmission, plug these wire into the NSS wires on the console harness. If using a manual transmission, plug these wires together.	
		Purple	12 volt feed 'in' to neutral safety switch.
		Purple	12 volt feed 'out' to starter
21	GROUND	Black	Connect to a good chassis ground.



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