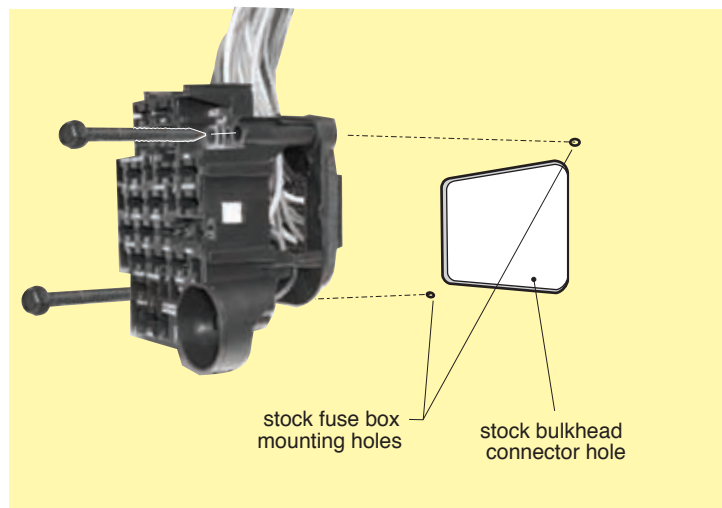


INSTALLING THE FUSE BOX



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.

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).

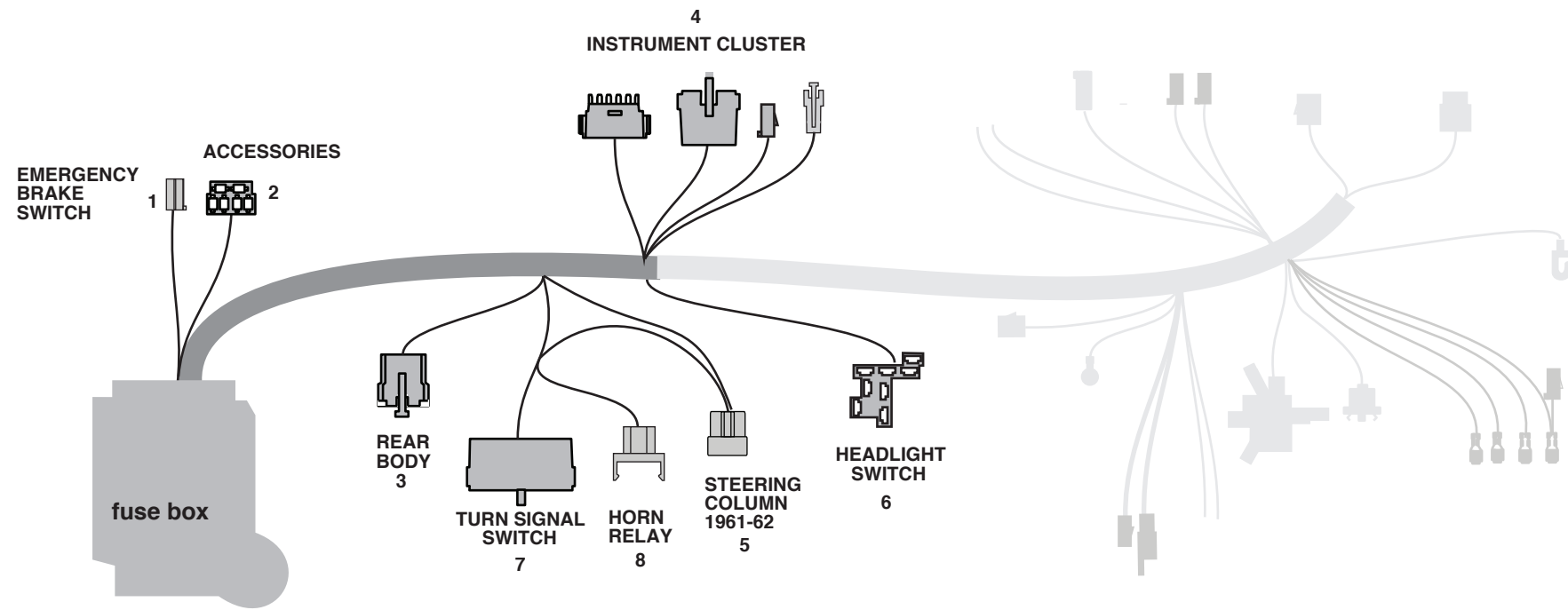


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- 1 EMERGENCY BRAKE
Tan
Pink
Connect to the emergency brake switch. This is the ground circuit for the brake switch light.
Connect to the emergency brake switch. This is the power circuit for the brake switch light.
- 2 ACCESSORIES
Use the provided connector J attached and terminals as power leads for the following:

Fuse	Rating	Notes
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
Black
Transmission selector lamp wire for column automatic cars.
Horn relay ground wire if using stock 1961-62 column.
- 6 HEADLIGHT SWITCH
Red
Orange
Brown
Yellow
Dk Green
White
12 volt feed to switch
12 volt feed 'in' to park/tail
Park lamp feed 'out'
Dimmer feed
Instrument lamp feed
Dome / courtesy 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.

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



- 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 | 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 (1963-64) |

- 8 HORN RELAY
Plug the horn relay (found in the fuse bag) into this connector.
Red
Black
Green
12 volt battery
Relay ground circuit (to steering column)
Triggered 12 volts to horn

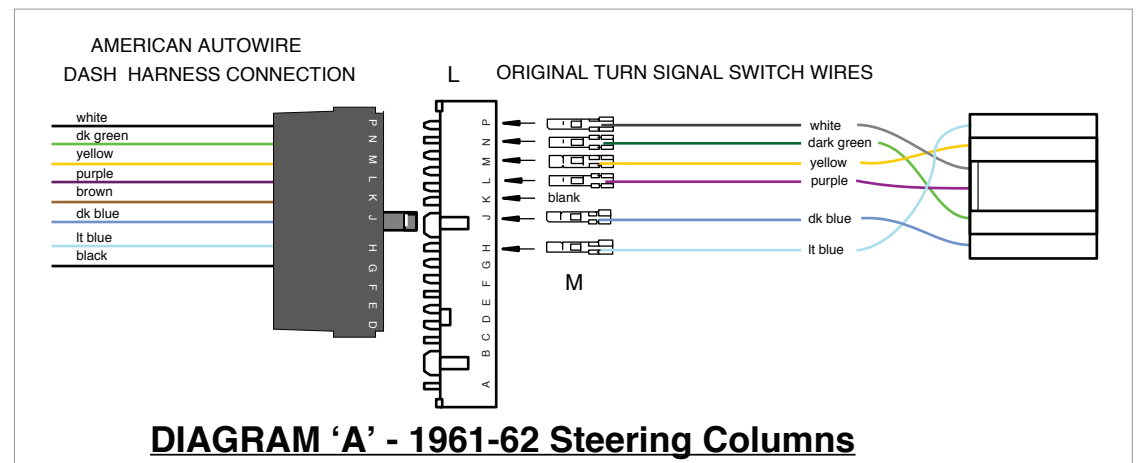


DIAGRAM 'A' - 1961-62 Steering Columns

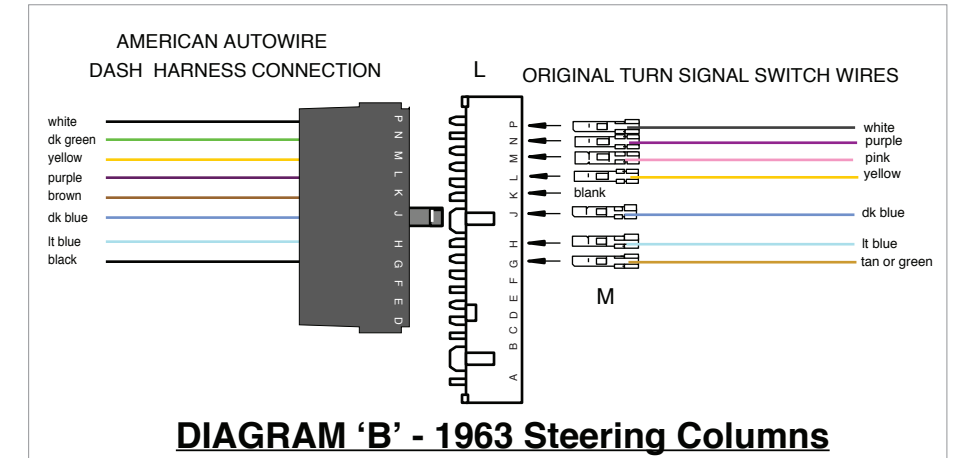


DIAGRAM 'B' - 1963 Steering Columns

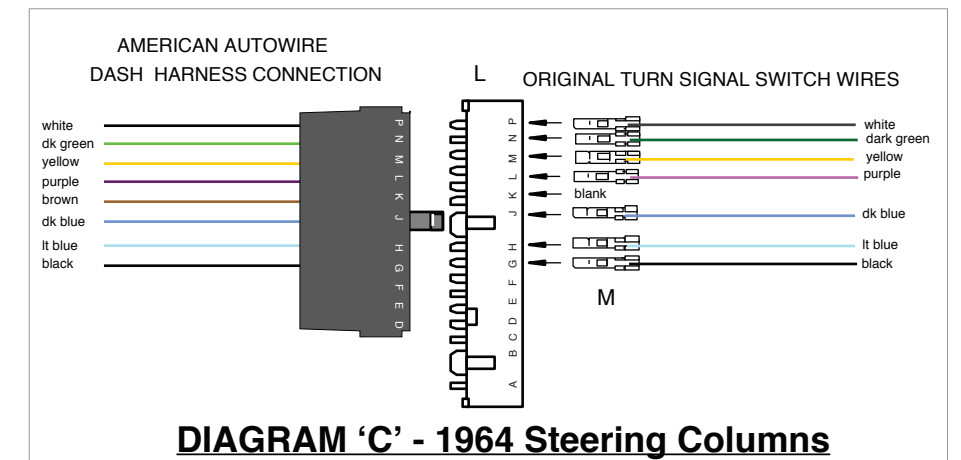


DIAGRAM 'C' - 1964 Steering Columns



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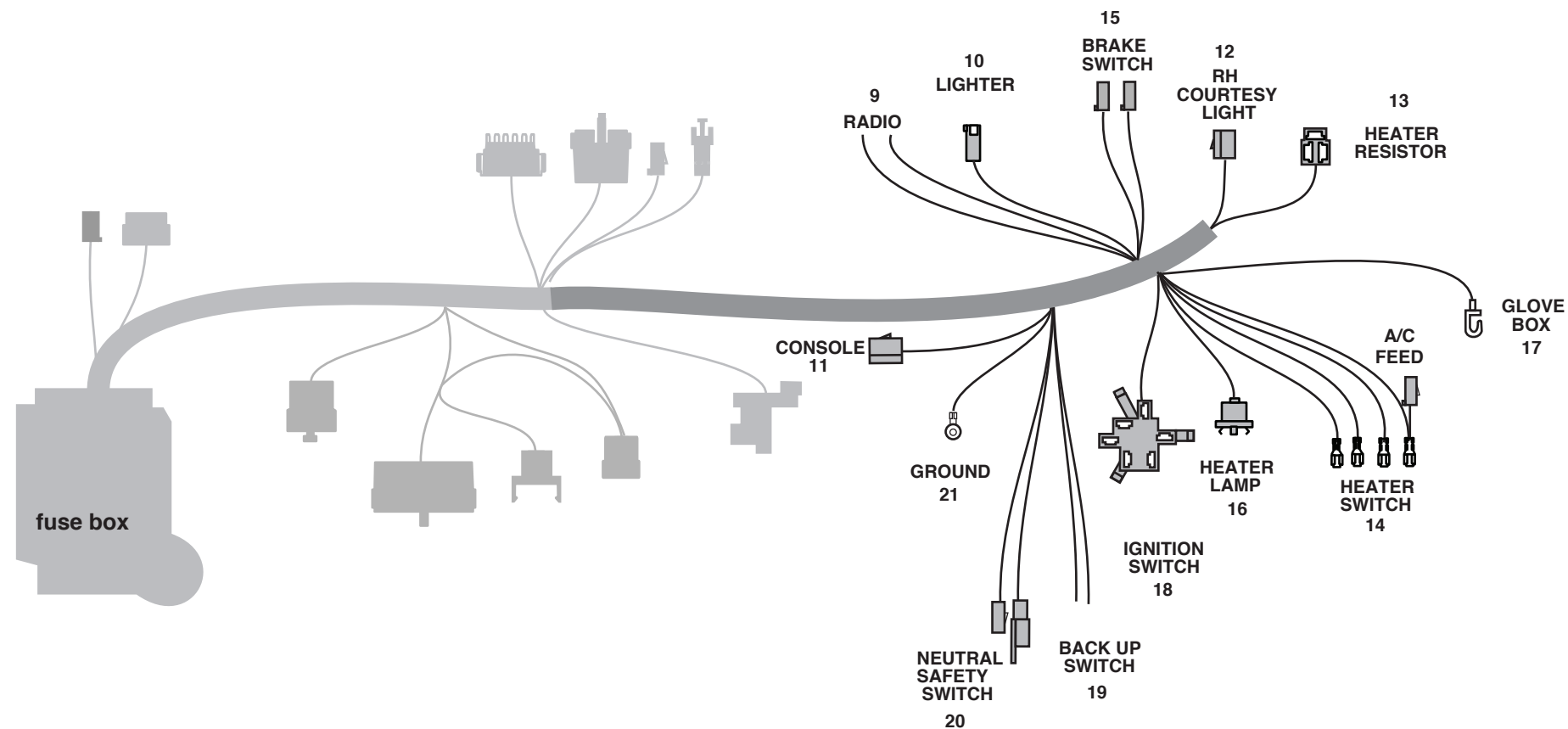


1961-64 Impala

DASH KIT

510065

92968950 instruction rev 1.1 5/26/2010



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	Connect these wires to the neutral safety switch on the column, console shifter, or plug together if using a manual transmission.	
		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.

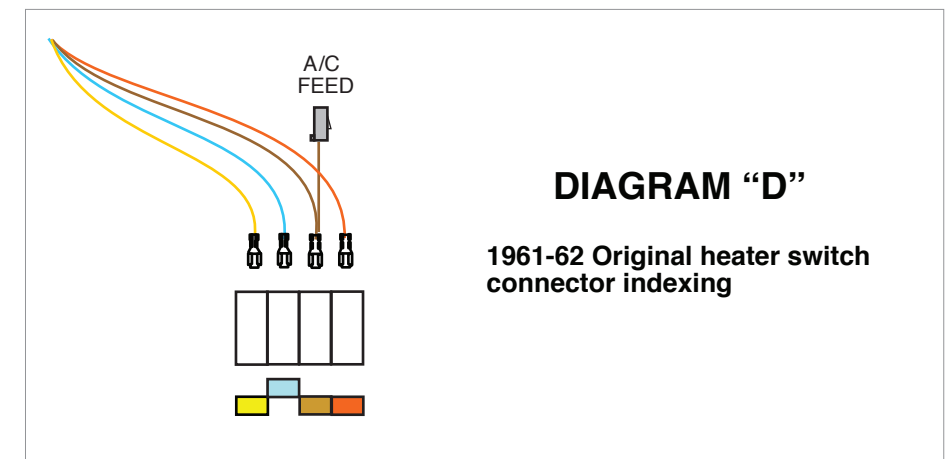


DIAGRAM "D"
1961-62 Original heater switch connector indexing

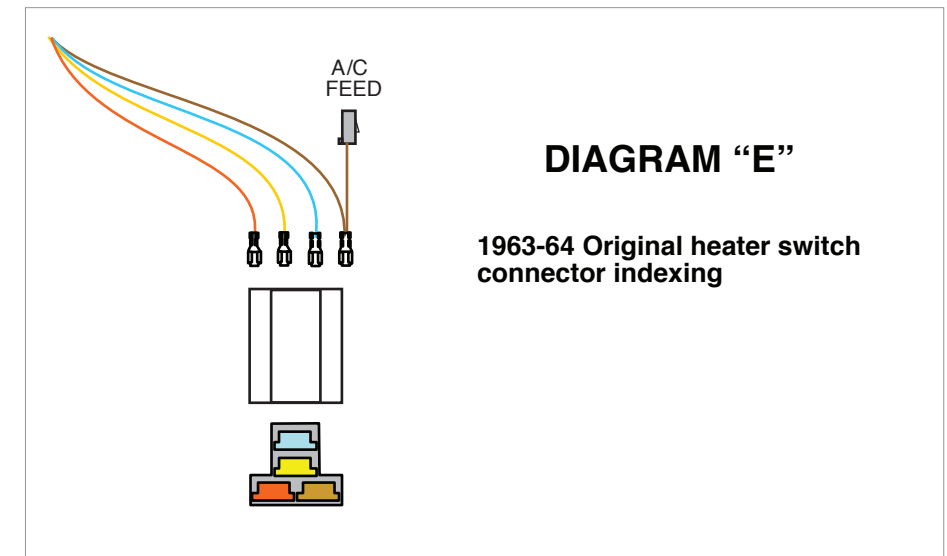
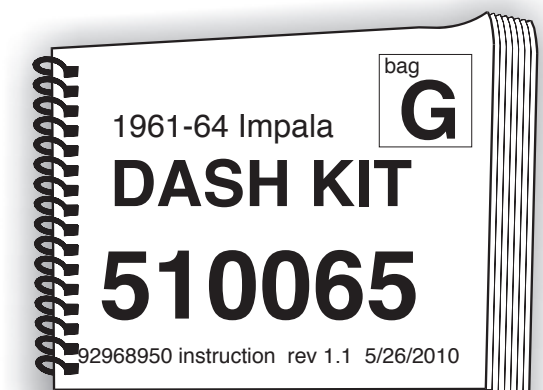


DIAGRAM "E"
1963-64 Original heater switch connector indexing



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