

Fuse Panel Installation Instructions

Following these simple instructions will guarantee a successful installation of your American Autowire Fuse Panel Harness.

The order of installation will be as follows:

1. Attach the fuse panel to kickpanel using template on sheet 5.
2. Route fuse panel harness in dash area using the layout suggested in diagram E on sheet 2.
3. Make all dash connections as shown in these Fuse Panel Installation sheets.
4. Starting with bag 'H', install all other wiring as per the letter designation on their instruction sheets. (bags H,J,L,M&N).

Let's begin your installation of the Fuse Panel harness. Study the diagram above, and follow the installation procedures on the following pages!

RECOMMENDED FUSE/CIRCUIT BREAKER AMP RATINGS			
PARK LIGHTS	10 AMP	CRUISE	15 AMP
HAZARD	15 AMP	CLOCK	10 AMP
BRAKE LIGHTS	10 AMP	LIGHTER	10 AMP
DASH LIGHTS	10 AMP	FUEL PUMP	15 AMP
TURN SIGNAL	10 AMP	POWER SEAT	30 AMP
WIPER	10 AMP	POWER LOCK	30 AMP
GAUGE	5 AMP	POWER WINDOWS	30 AMP
C.B. RADIO	5 AMP		
A/C / HEATER	30 AMP		
RADIO	10 AMP		
FAN	30 AMP		

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FACTORY FIT
automotive wiring

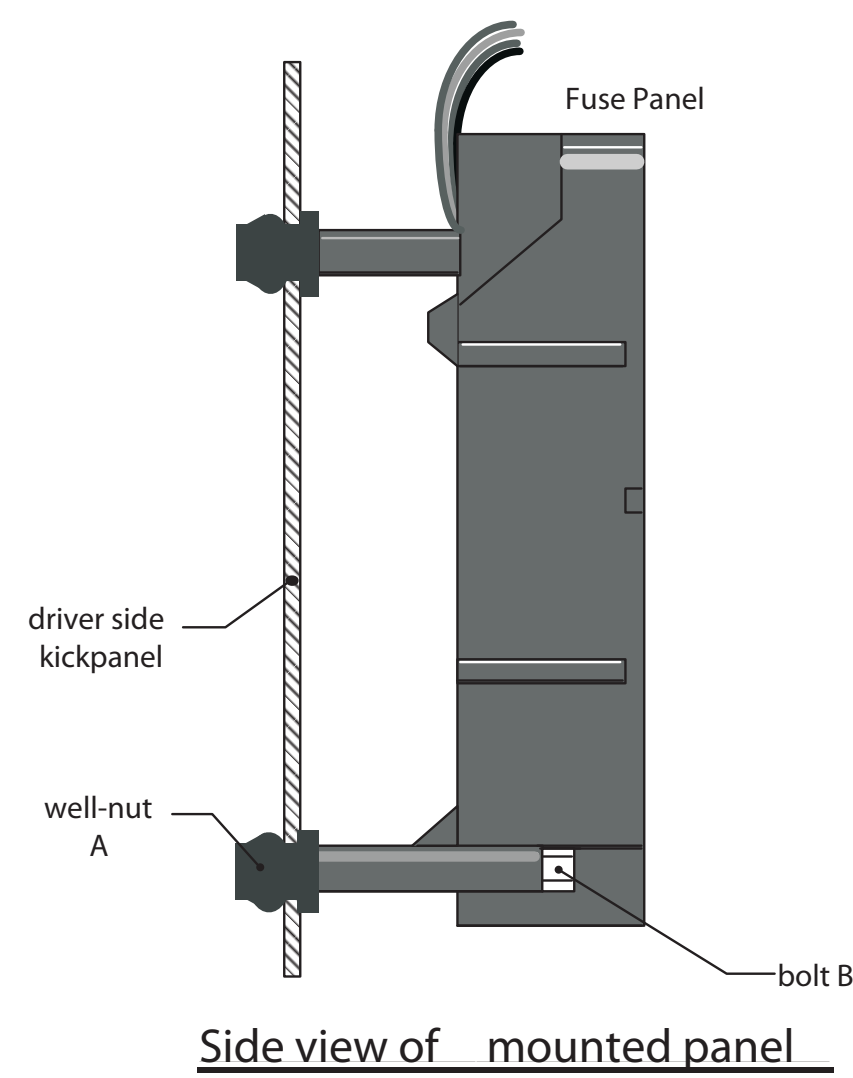
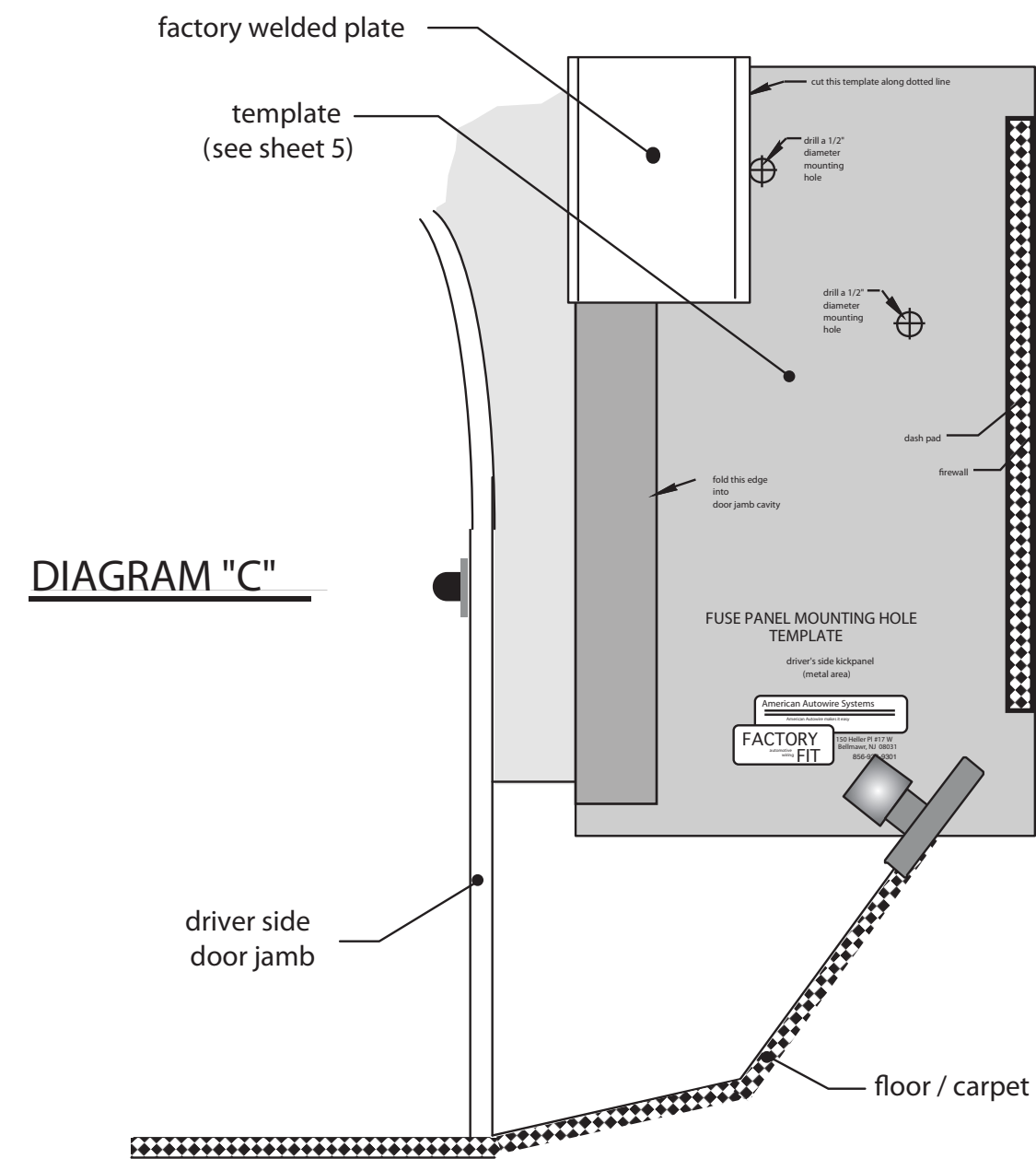
150 Heller Pl #17 W
Bellmawr, NJ 08031
1-856-933-0801

PART # **500433** **G**

DESCRIPTION:
1957 Chevy

Custom Fuse Panel Harness

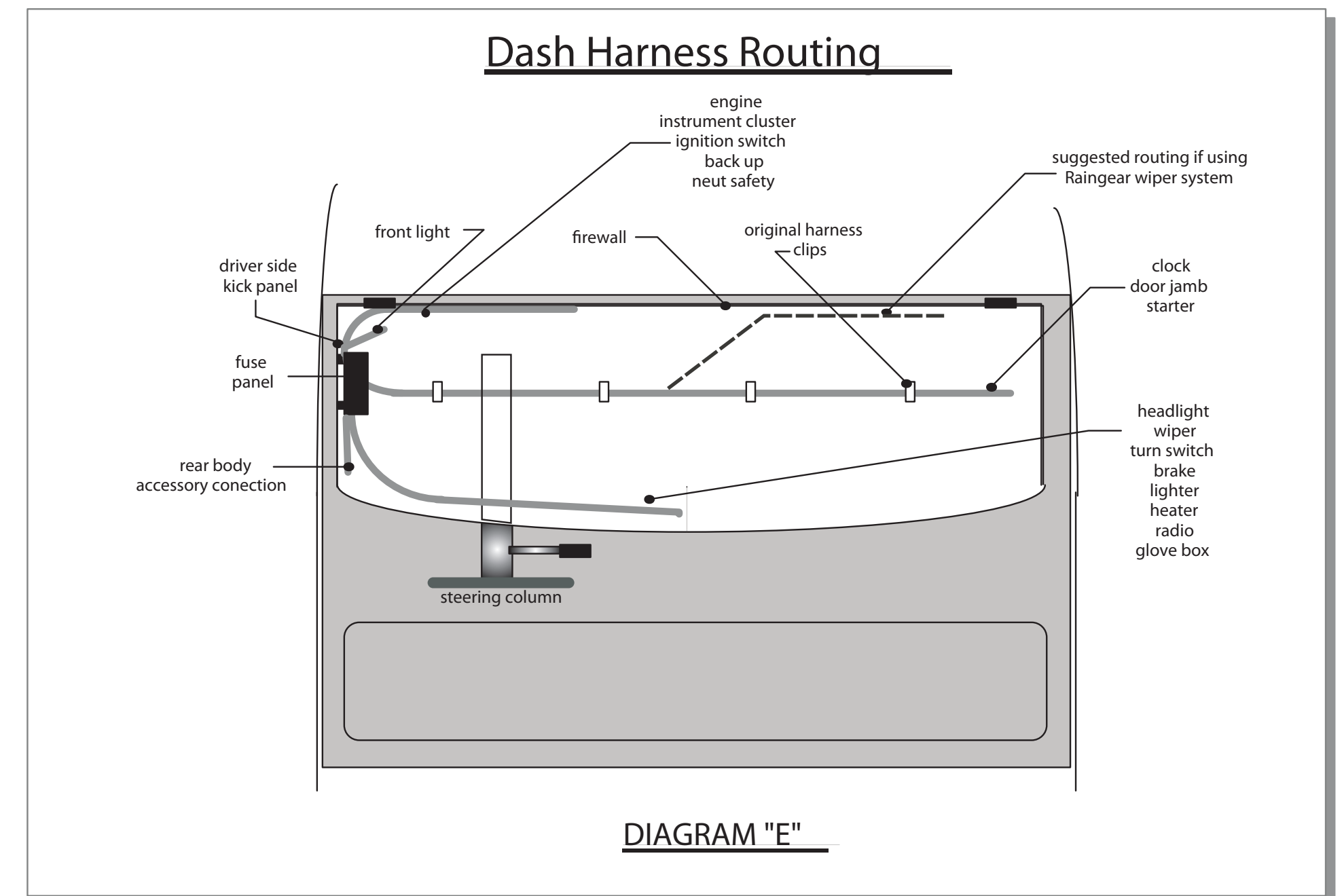
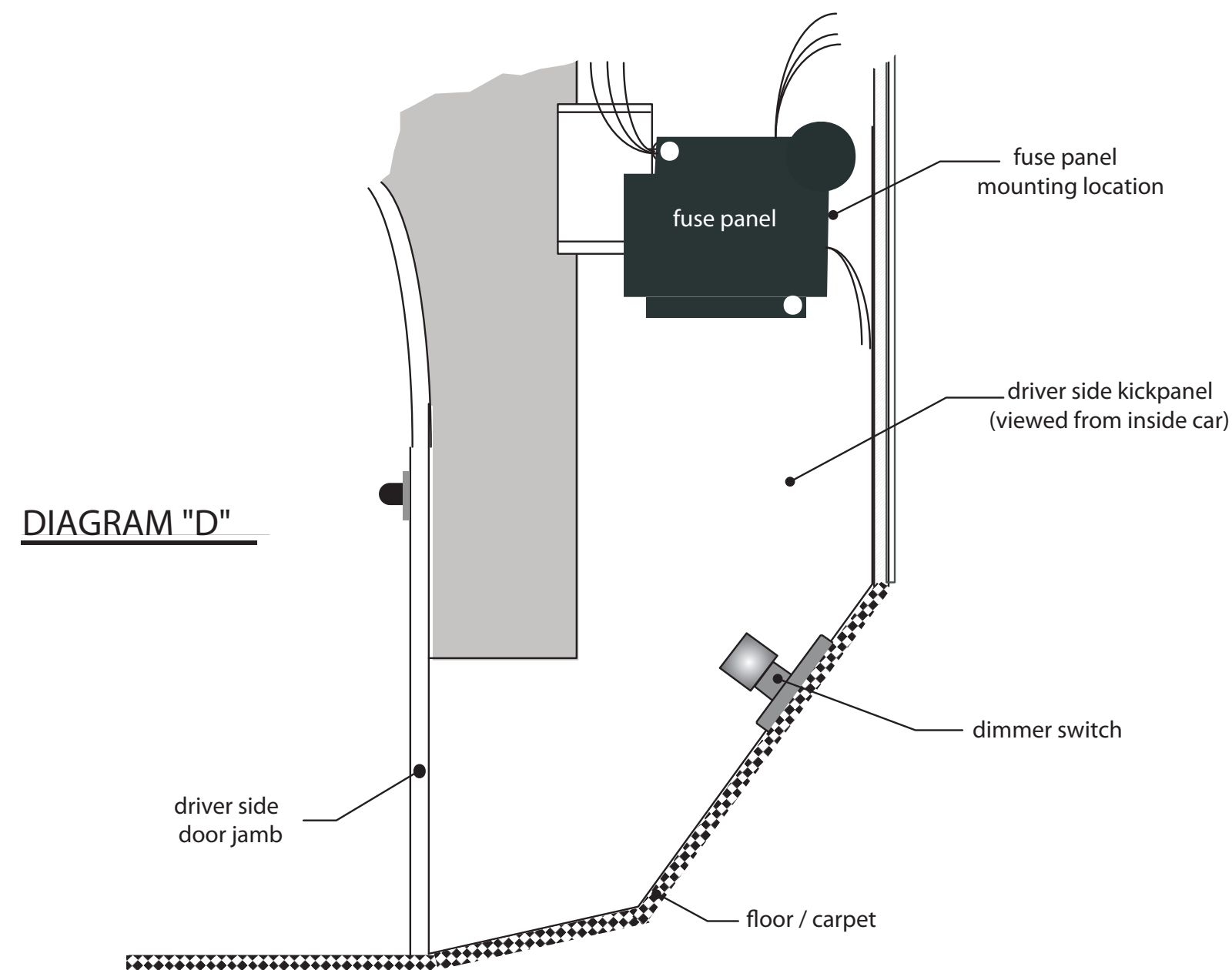
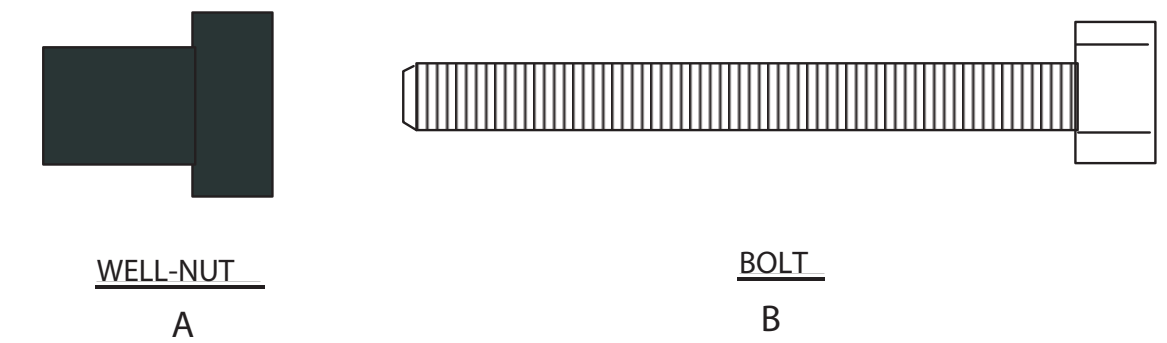
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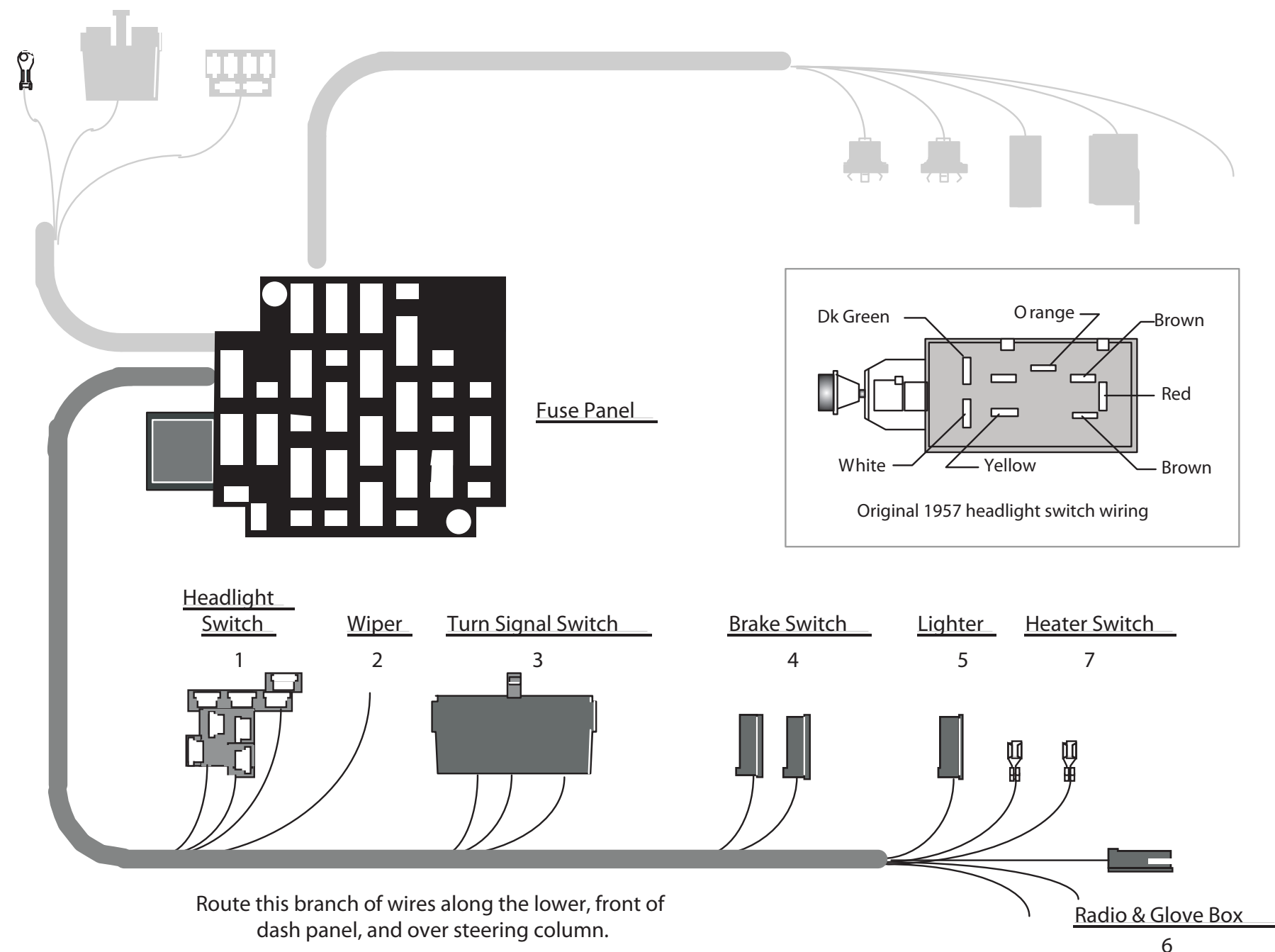
Mounting Fuse Panel

1. Remove driver side kick panel to access the sheet metal behind it.
2. Using the template on sheet 5 of this instruction, align as shown in diagram "C" at left, and drill two 1/2" diameter holes. (Note: Convertible cars have an extra dash brace which may have to be removed to use the supplied template.)
3. Insert the supplied Well-nut (A) in each hole.
4. Using the supplied bolts (B) mount the fuse panel and secure bolts, see diagram "D" at left (Be certain not to pinch wires under fuse panel legs as the bolts are tightened!)
5. Route all wires to components as described on the following pages, using diagram E for routing.

Your fuse panel is now installed!



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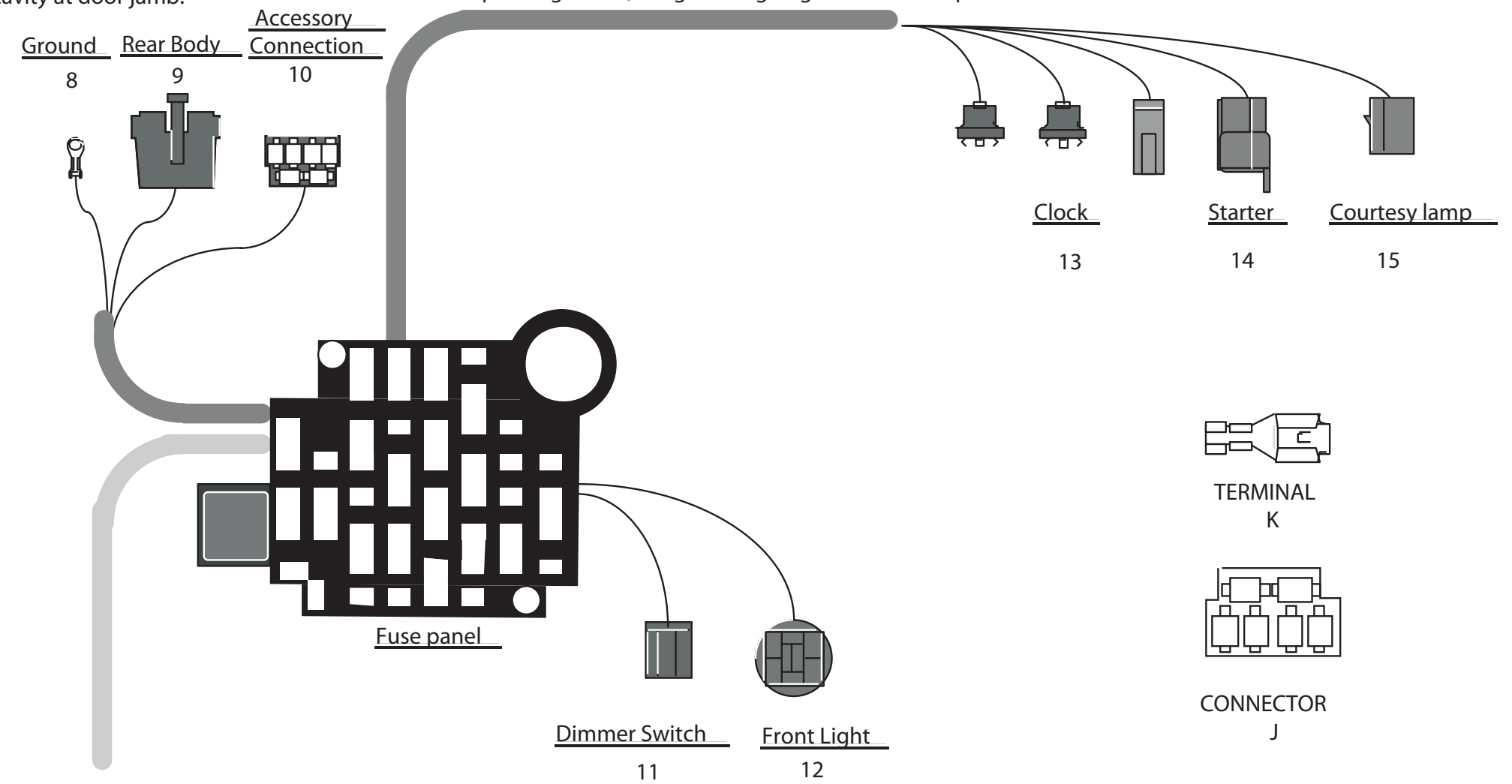
Route this branch of wires along the lower, front of dash panel, and over steering column.

Note: Terminals are provided for most connections in your wiring kit. Use the provided terminals and connectors to install the following wires:

1	HEADLIGHT SWITCH	NOTE: FOR USE OF A STOCK APPEARANCE, A STOCK 1957 HEADLIGHT SWITCH SHAFT, COLLAR, AND KNOB MAY BE INSERTED INTO OUR HEADLIGHT SWITCH. Although not recommended, a stock 1957 headlight switch may be used. Follow the diagram above. (Note: American Autowire carries original GM style connectors for this application.) Red 12 volt feed to switch Orange 12 volt feed "in" to park/tail Brown Park lamp feed "out" Brown Park tail lamp feed "out" Yellow Dimmer feed Dk Green Instrument lamp feed White Dome / courtesy ground
2	WIPER	White This is a 12 volt feed wire for the wiper circuit. For an aftermarket wiper system, consult wiper manufacturer for proper hook up. For use on a stock 1957 electric wiper system, this wire will be the power to the wiper motor.
3	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 manufacturer's. If you are using a stock 1957 turn signal switch, remove the existing connector and terminals, and install terminals M and connector L (see diagram G). 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. 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
4	BRAKE SWITCH	Black Horn relay ground wire to horn switch Orange 12 volt feed to brake switch White 12 volt "out" from brake switch to turn signal switch. Light Blue 12 volt "out" from brake switch to third brake light.
5	LIGHTER	Orange Fused 12 volt feed for cigarette lighter.
6	RADIO	Tan Fused accessory feed for radio.
	RADIO BAT	Yellow Fused battery feed for radio battery accessories.
	GLOVE BOX	Orange Fused 12 volt feed for the glove box lamp
7	HEATER SWITCH	1957 uses a 5 position connector on the stock heater switch (see diagram F on sheet 4). Use the supplied heater resistor extension harness, to complete the circuitry for a stock heater switch. Brown Fused 12 volt feed to heater / ac switch Gray Fused Lamp feed for heater / ac switch Orange Heater resistor lead. Yellow Heater resistor lead. Dk Green Heater resistor lead. Orange (single) This wire will go from heater resistor to the blower unit.

Route these wires to the driver side kick panel cavity at door jamb.

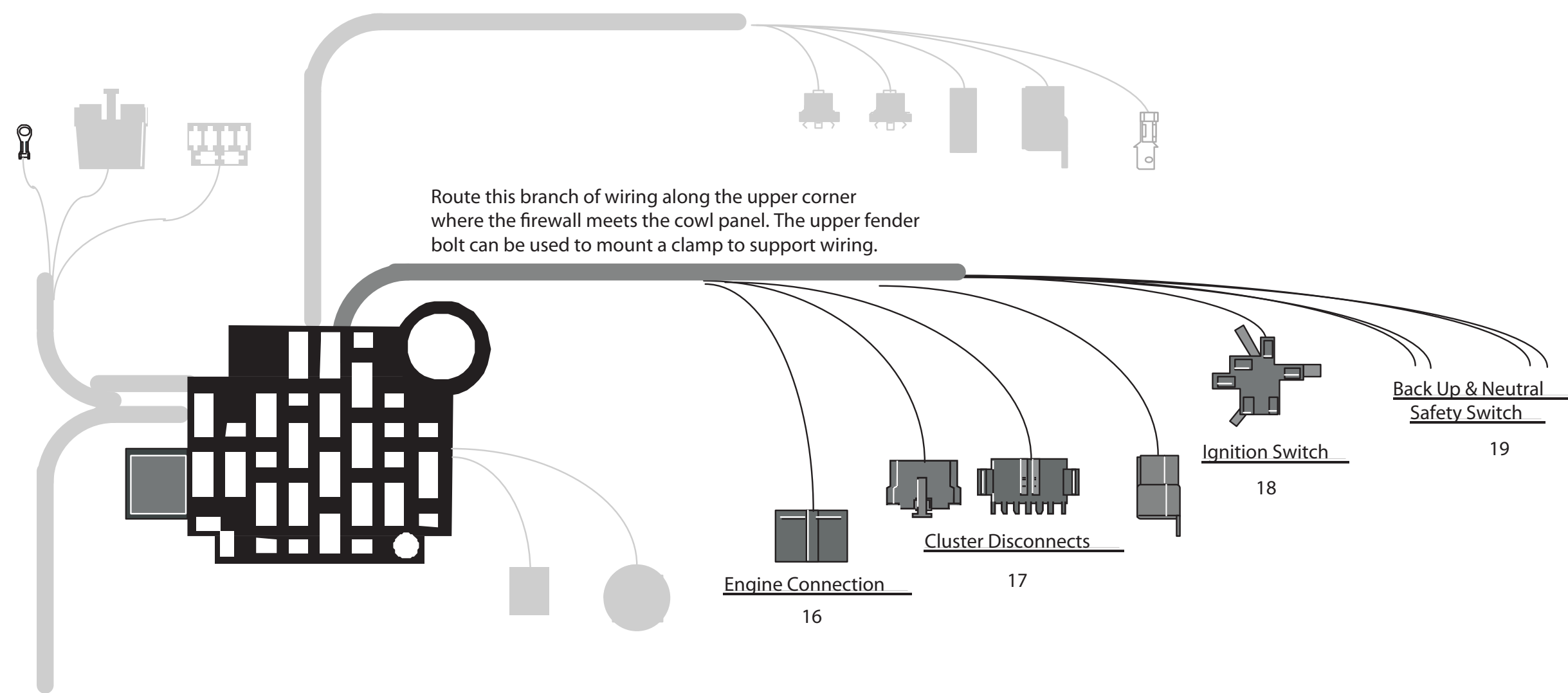
Route this branch of wiring along top of dash panel to passenger side, using existing original harness clips.



Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connector to install the following wires:

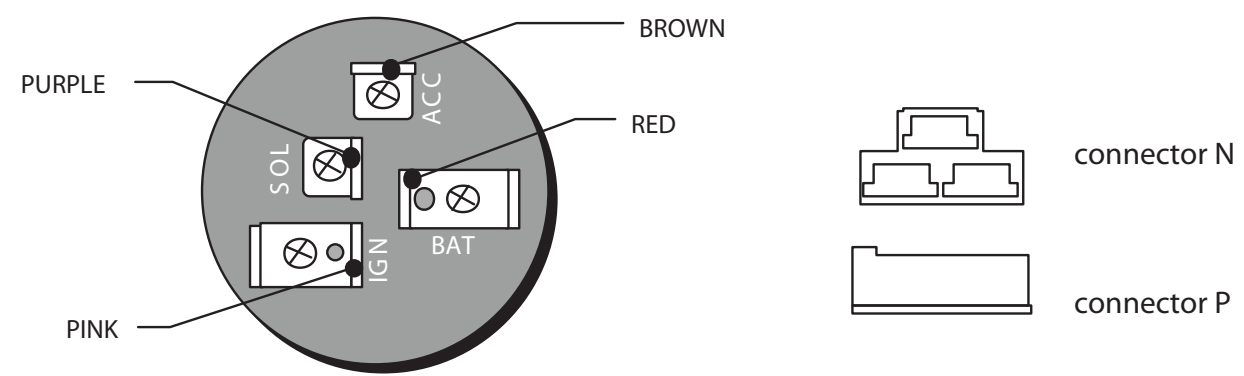
8	GROUND	Black	This wire is the ground for the instrument cluster. Connect it to a good grounding location.
9	REAR BODY	Tan Brown Yellow Dark Green Orange White Light Green Light Blue	This connector will mate to the connector from the Rear Body harness found in bag M. Fuel tank sender lead Tail lamp feed LH turn / brake feed RH turn / brake feed Dome / courtesy lamp feed Dome / courtesy lamp ground Back up lamp feed Third brake lamp feed
10	ACCESSORIES	Dark Blue Orange Red Pink Yellow Tan	Use the provided connector J and terminals as power leads for the following: Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another accessory circuit) Fused 12 volt BATTERY feed for power seats (may also be used to feed power to another accessory circuit) Fused 12 volt BATTERY feed for power door locks (may also be used to feed power to another accessory circuit) Fused 12 volt IGNITION feed for cruise control (may also be used to feed power to another accessory circuit) Fused 12 volt BATTERY feed for power windows (may also be used to feed power to another accessory circuit) Fused 12 volt IGNITION feed for CB radio feed (may also be used to feed power to another accessory circuit)
11	DIMMER SWITCH	Yellow Tan Lt Greens	12 volt feed to dimmer switch Lo beam feed from dimmer switch Hi beam feed wire from dimmer switch, & instrument cluster high beam indicator light feed
12	FRONT LIGHT	Tan Light Green Brown Light Blue Dark Blue Dark Green Orange Grays Yellow	This connector will mate to the connector from the Front Light harness found in bag L & grommet bag K. Lo beam feed to headlight bulb Hi beam feed to headlight bulb Parking lamp feed to parking lamps LH turn feed RH turn feed Horn feed Electric fan power feed to fan relay Lamp feed for clock Fused 12 volt power for clock
13	CLOCK	Orange Grays Yellow	Electric fan power feed to fan relay Lamp feed for clock Fused 12 volt power for clock
14	STARTER CONNECTION	Red Purple Yellow	This connector will plug into the mating connector from the Engine harness, bag J. Main power feed to dash harness (from starter) Starter solenoid feed wire from ignition switch Starter resistor bypass to coil for ballast resistor type ignition systems.
15	COURTESY LAMP	White Orange	This connector will plug into the mating connector from bag N, courtesy lamp kit. Dome / courtesy lamp ground, to door jamb switch in passenger kick panel. Dome / courtesy lamp 12 volt battery feed.

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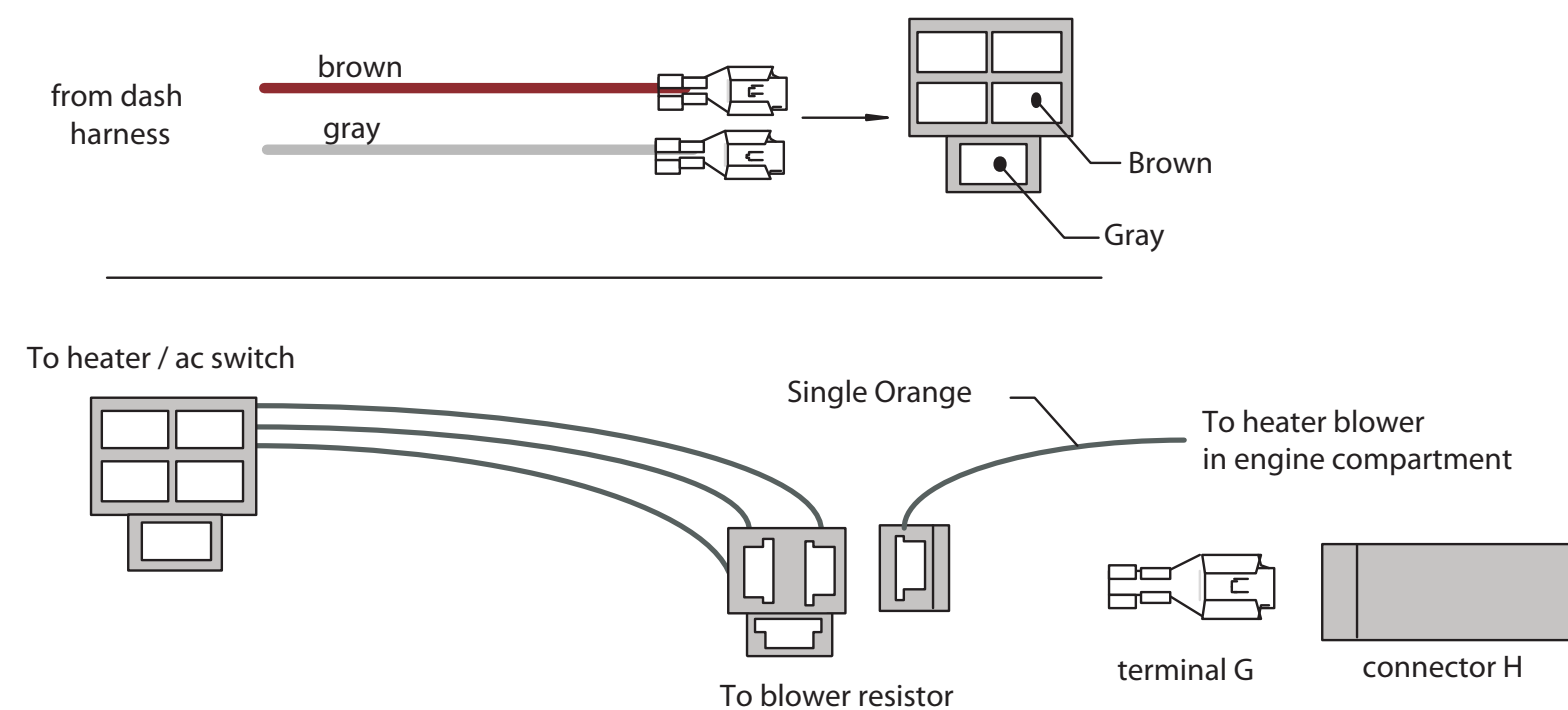
Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connector to install the following wires:

- | | | | | | | | | | | |
|--------|---------------------------------|--|-----|--------------------------------|------|---------------------------------|--------|----------------------------|-------|---------------------|
| 16 | ENGINE CONNECTION | This connector will plug into the mating connector on the Engine harness, bag J. Wire identifications are described on the Instruction sheets from bag J. | | | | | | | | |
| 17 | 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. | | | | | | | | |
| 18 | IGNITION SWITCH | This kit comes complete with an ignition switch and is properly wired for our ignition switch. If you chose to use your stock trim bezel, you must use a stock 1957 ignition switch. Follow the diagram below for connecting to a stock switch. Remove the existing ignition switch connector on the dash harness, and install the supplied 1957 ignition switch connectors N & P per ignition diagram shown. The purple, pink and red leads plug into the three way connector N. The double brown wire will plug into the single connector P. | | | | | | | | |
| | | <table border="0"> <tr> <td>Red</td> <td>12 volt battery feed to switch</td> </tr> <tr> <td>Pink</td> <td>12 volt ignition feed to switch</td> </tr> <tr> <td>Purple</td> <td>Starter solenoid feed wire</td> </tr> <tr> <td>Brown</td> <td>Accessory feed wire</td> </tr> </table> | Red | 12 volt battery feed to switch | Pink | 12 volt ignition feed to switch | Purple | Starter solenoid feed wire | Brown | Accessory feed wire |
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| Pink | 12 volt ignition feed to switch | | | | | | | | | |
| Purple | Starter solenoid feed wire | | | | | | | | | |
| Brown | Accessory feed wire | | | | | | | | | |
| | | | | | | | | | | |
| 19 | NEUTRAL SAFETY | Purple 12 volt feed from ignition switch
Purple 12 volt feed to starter (These wires MUST be connected to either a neutral safety switch for an automatic transmission, or connected together for a manual transmission car, for the starter to operate correctly.) | | | | | | | | |
| | BACK UP SWITCH | Pink 12 volt ignition power to switch
Lt Green 12 volt switched power to back up lamps | | | | | | | | |



1957 Stock Heater Switch Connection

Use the loose heater wires supplied in kit (yellow, green, orange) to connect to a stock 1957 heater switch. View connector from front, as though you were plugging connector into your face.



1. Plug the brown and gray wires from the dash harness into the supplied 5 position connector, as shown above.
2. Plug the 5 position connector into the stock heater switch
3. Plug the 3 position connector into the stock heater resistor (located on top of heater duct)
4. Plug the single orange wire into the heater resistor and route the other end to the blower unit in engine compartment. (this wire can be routed through the passenger side rubber grommet which is used for the vent cable)
5. Cut orange wire to length and terminate with terminal G and connector H.

DIAGRAM "F"

AMERICAN AUTOWIRE DASH HARNESS CONNECTION

ORIGINAL TURN SIGNAL SWITCH WIRES

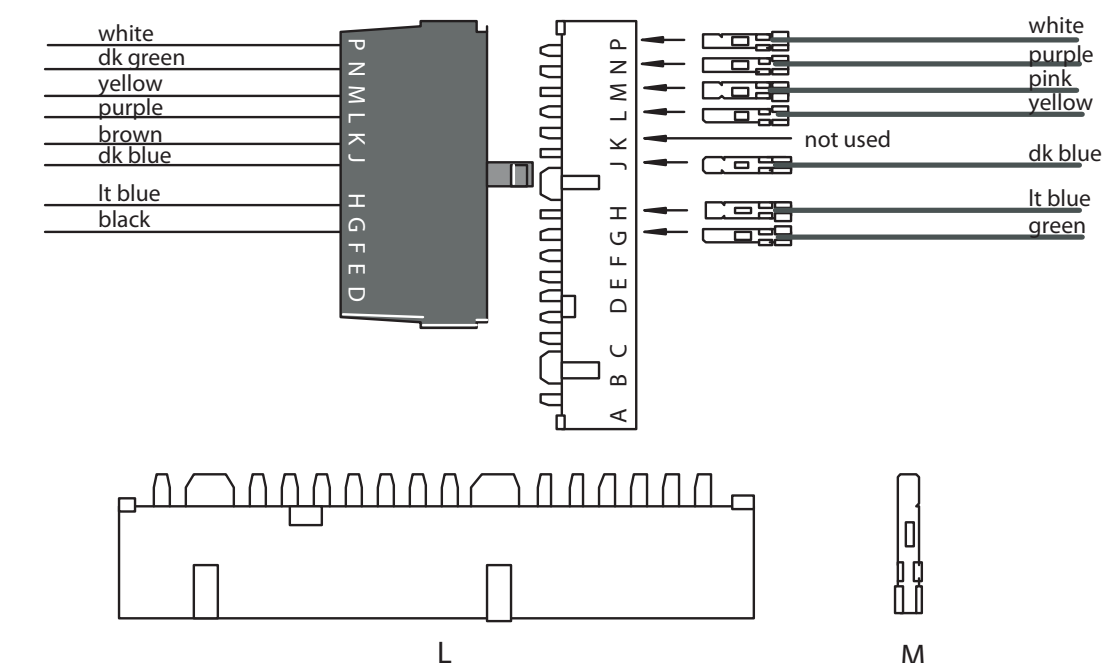


DIAGRAM "G"

Original 1957 turn signal switch connection to new dash harness.

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