

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. Mount the fuse panel mounting plate.
2. Route fuse panel harness in dash area using original harness clips located at the top of the firewall.
3. Attach the fuse panel to the mounting plate.
4. Make all dash connections as shown in this Fuse Panel Installation sheet.
5. Starting with bag "H", install all other wiring bags as per the letter designation on instruction sheets. (bags H,J,K,L,M,N).

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

RECOMMENDED FUSE CIRCUIT 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		

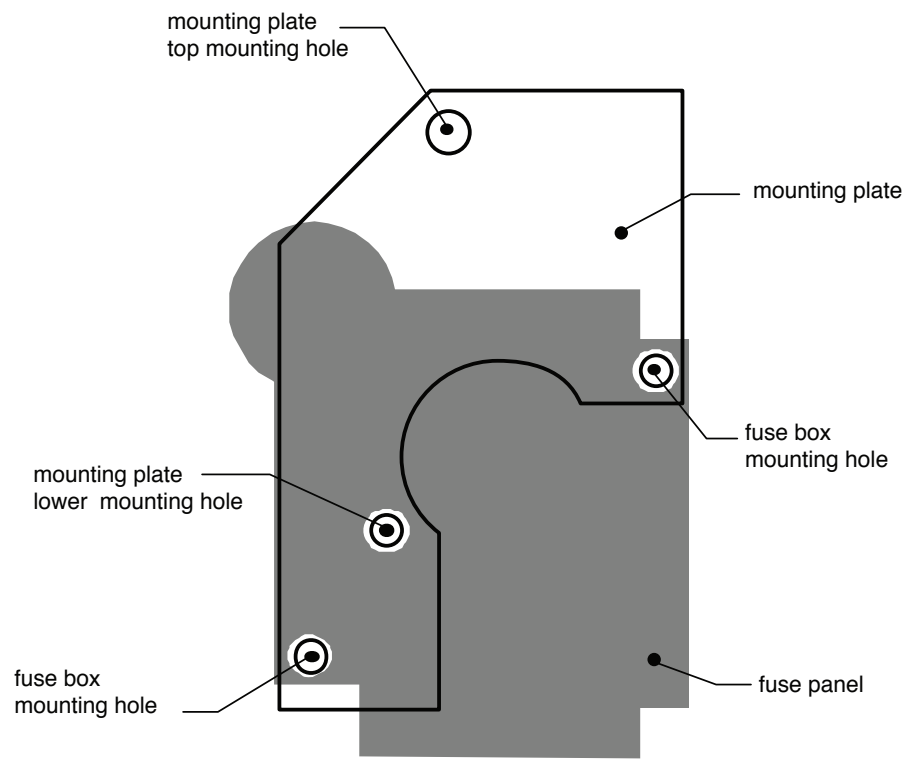


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PART # **500414** G

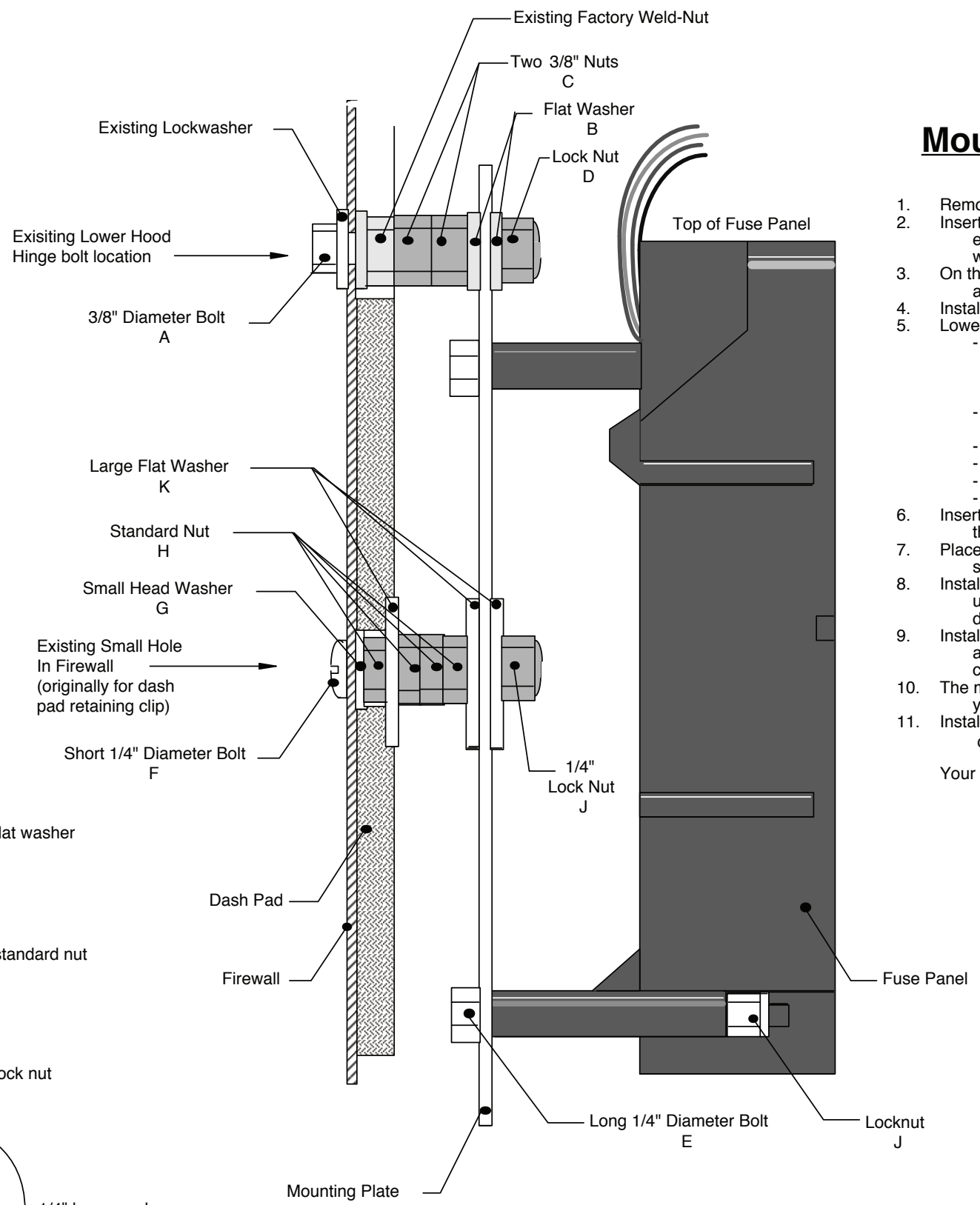
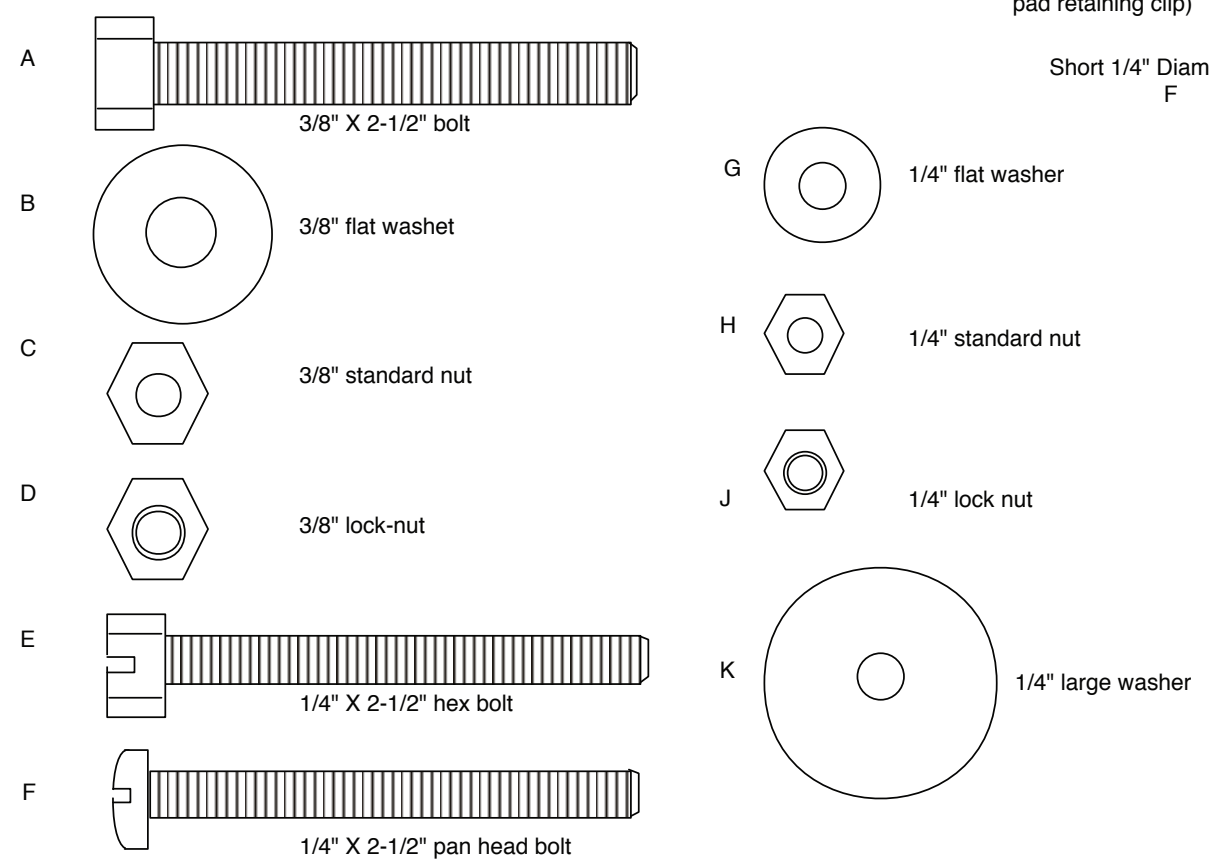
DESCRIPTION:
1955-56 Chevy
Custom Fuse Panel Harness

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DETAIL "A"

VIEW FROM INSIDE OF CAR, LOOKING AT FRONT OF FUSE BOX
Once the mounting plate has been secured to the firewall, attach the fuse panel on the mounting plate using the holes shown above.



Side view of mounted panel

Mounting Fuse Panel and mounting plate

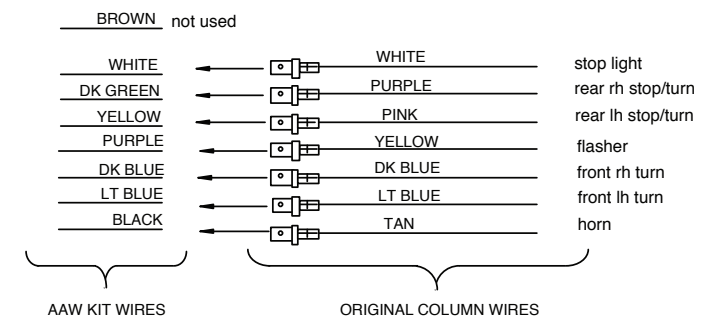
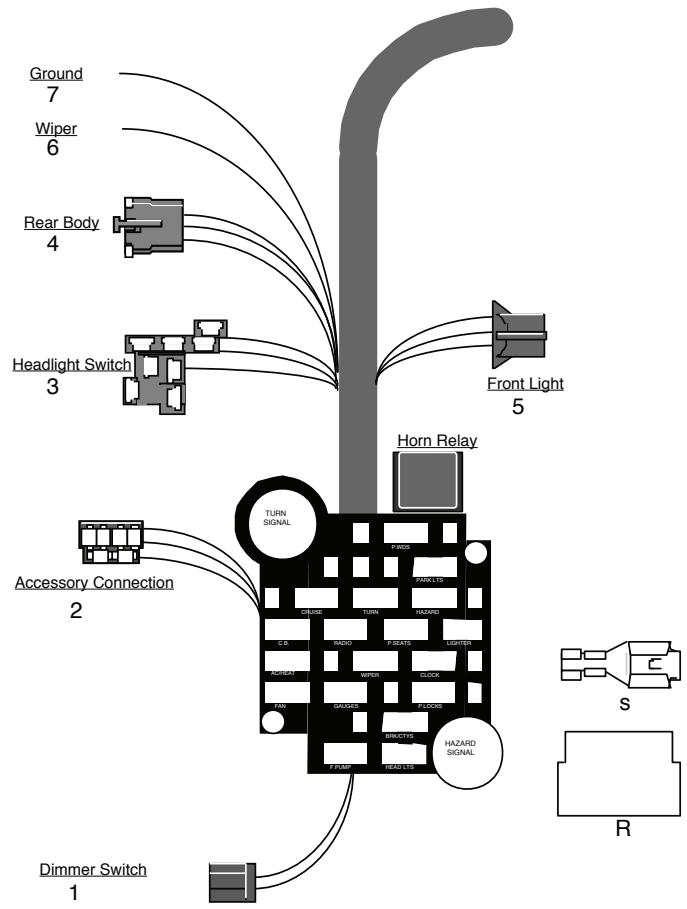
1. Remove your existing bottom bolt of the hood hinge.
2. Insert new bolt A into this location from the engine compartment with your existing lockwasher and flat washer. This bolt will screw into existing factory weld-nut on inside of firewall.
3. On the inside of the car, install two C nuts onto bolt A, seating each bolt firmly against the weld-nut, and each other.
4. Install flat washer B on bolt A, and leave until step 8.
5. Lower mounting bolt:
 - From the engine compartment, locate the existing stock 1/4" hole located just below and to the right of the hood hinge (originally for dash pad clip). Insert a new 1/4" bolt F (This hole may need to be enlarged slightly if bolt is too snug.)
 - On inside of car, trim firewall pad so that there is enough clearance to install flat washer G onto bolt F.
 - Install 1/4" standard nut H onto bolt F and tighten.
 - Install large flat washer K onto bolt F (this will keep the firewall pad in place).
 - Install three (3) standard nuts H, tightening each firmly.
 - Place large washer K onto bolt F, and leave until step 9.
6. Insert two (2) of bolt E into the fuse box mounting holes on the mounting plate, from the back side (see Detail "A"), and leave hang loose.
7. Place mounting plate onto the bolts that you installed on the firewall, at locations shown in Detail "A".
8. Install flat washer B onto bolt A. Using lock-nut D, tighten mounting plate against upper firewall bolt A. Be sure that there are no exposed threads which could damage wires.
9. Install large flat washer K onto bolt F. Using lock-nut J, tighten mounting plate against lower firewall bolt F. Be sure that there are no exposed threads which could damage wires.
10. The mounting plate should now be installed. Place the fuse panel onto bolts E that you installed on the mounting panel.
11. Install lock-nuts J onto bolts E, and tighten. This is best done using a 1/4" drive, 6 point deep well socket and extension.

Your fuse panel is now installed!

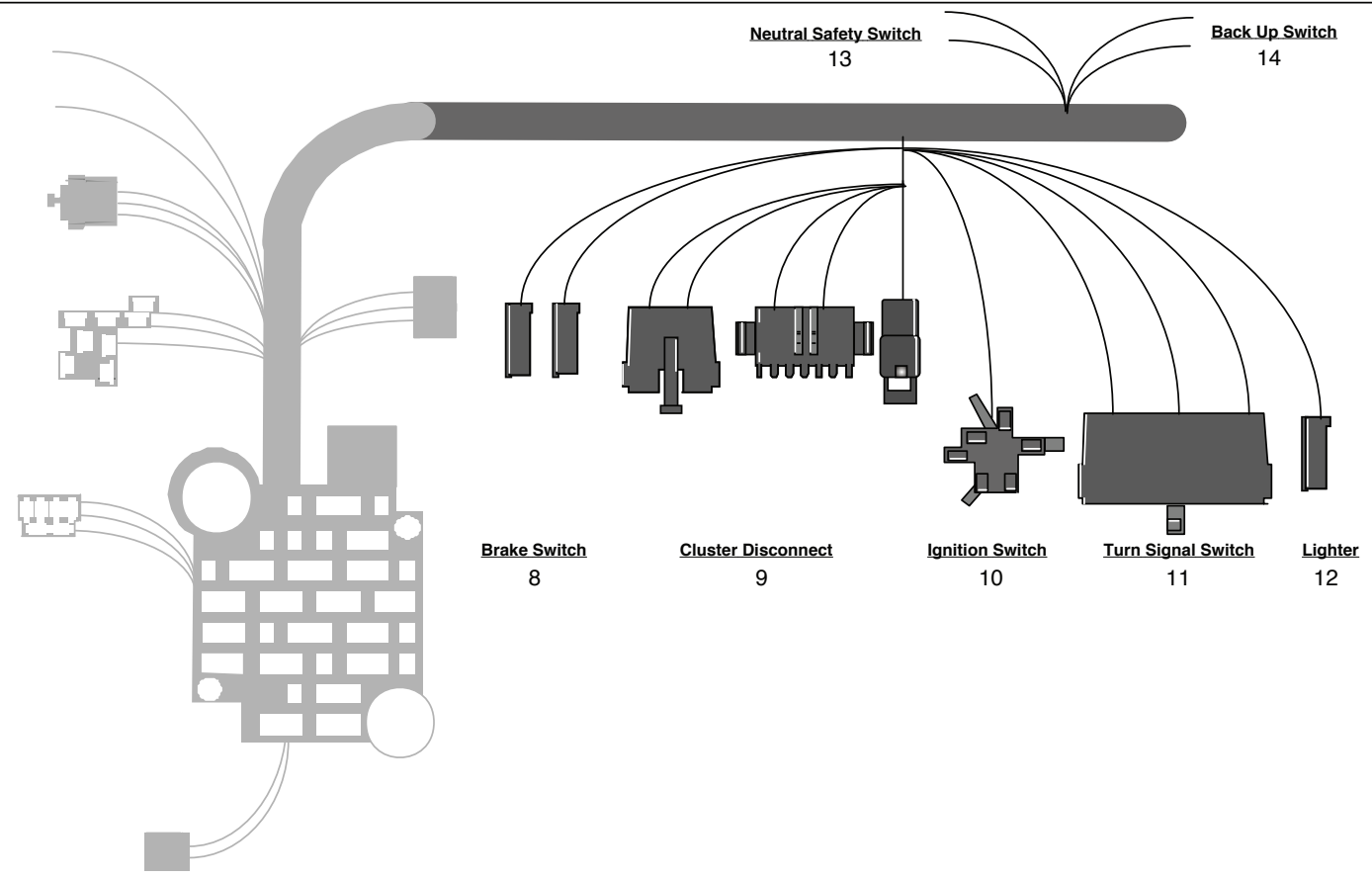
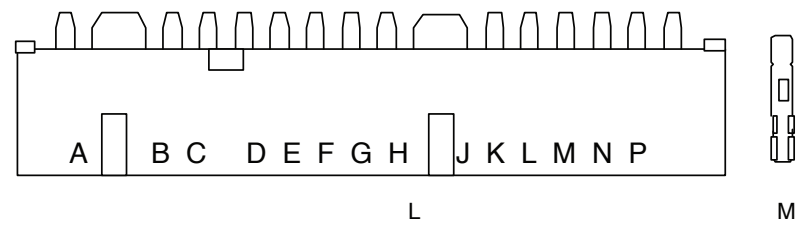


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Stock Turn Signal Switch Wires - to - AAW Kit

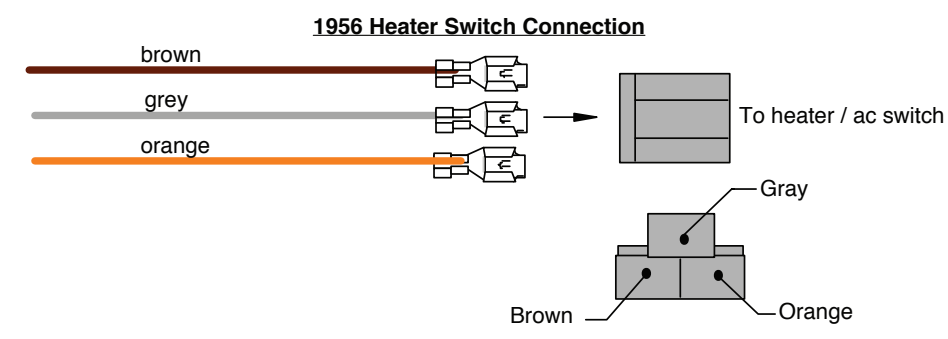
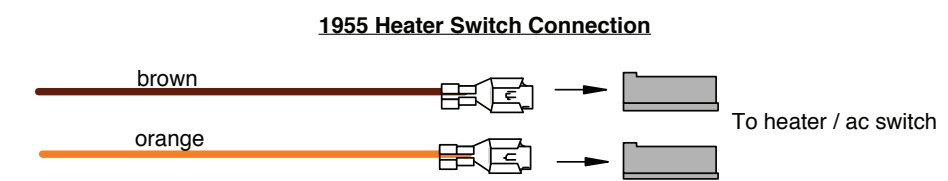
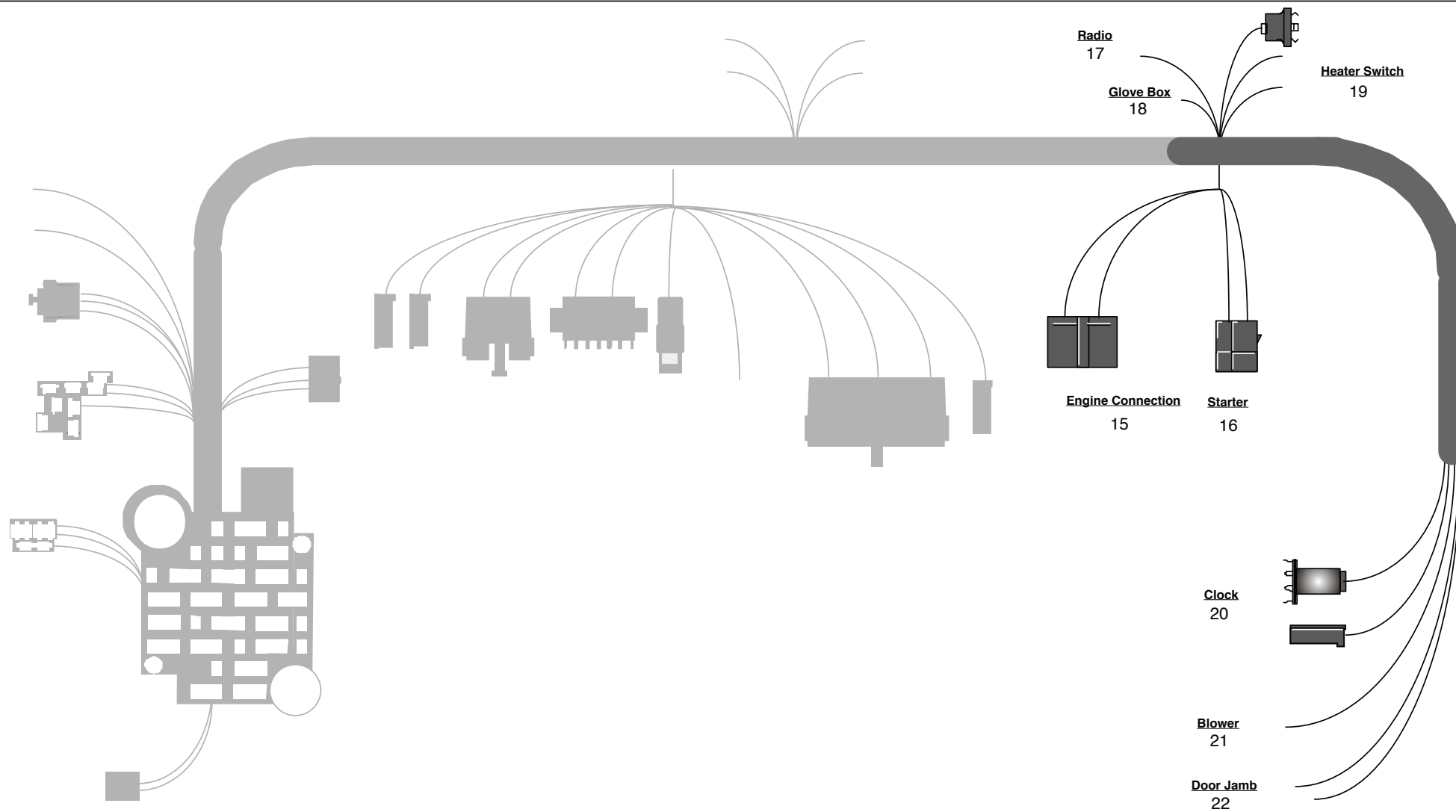


- Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connectors to install the following wires:
- 1 DIMMER SWITCH
 - Yellow 12 volt feed to dimmer switch
 - Tan Lo beam feed from dimmer switch
 - Lt Green Hi Beam feed from dimmer switch
 - 2 ACCESSORIES
 - Use the provided connector R and terminals S if you wish to connect to the accessory connector.
 - Dark Blue Fused 12 volt feed for fuel pump (may also be used to feed power to another accessory circuit) IGNITION
 - Orange Fused 12 volt feed for power seats (may also be used to feed power to another accessory circuit) BATTERY
 - Red Fused 12 volt feed for power door locks (may also be used to feed power to another accessory circuit) BATTERY
 - Pink Fused 12 volt feed for cruise control (may also be used to feed power to another accessory circuit) IGNITION
 - Yellow Fused 12 volt feed for power windows (may also be used to feed power to another accessory circuit) BATTERY
 - Tan CB radio feed (may also be used to feed power to another accessory circuit) IGNITION
 - 3 HEADLIGHT SWITCH
 - NOTE: On some cars, you may have to open up the round mounting hole in the dash a very small amount to install the new AAW H/L switch 500862.**
 - Red 12 volt feed to switch
 - Orange 12 volt feed "in" to park/tail
 - Brown Park / tail feed "out"
 - Yellow Dimmer feed
 - Gray Instrument lamp feed
 - White Dome / courtesy ground
 - "BAT" location on headlight switch
 - "PARK / TAIL FEED IN" location on headlight switch. (commonly found on GM headlight switches)
 - "PARK / TAIL FEED OUT" location on headlight switch.
 - "DIMMER FEED" location on headlight switch.
 - "INSTRUMENT LAMP" location on headlight switch.
 - "GROUND" location on headlight switch.
 - 4 REAR BODY
 - This connector will mate to the connector from the Rear Body Intermediate 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 lamp feed
 - 5 FRONT LIGHT
 - This connector will mate to the connector from the Front Light harness found in bag L & grommet bag K.
 - Tan Lo beam feed to headlight bulb
 - Light Green Hi beam feed to headlight bulb
 - Brown Parking lamp feed to parking lamps
 - Light Blue LH turn feed
 - Dark Blue RH turn feed
 - Dark Green Horn feed
 - Orange Electric fan feed
 - 6 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 1955-56 wiper system, this wire will be the power to the wiper motor. All functions of this motor are controlled by the wiper switch, which activates functions by a ground circuit.
 - 7 GROUND
 - Black This wire is the ground for the instrument cluster. Connect it to a good grounding location.

- Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connector to install the following wires:
- 8 BRAKE 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.
 - 9 GAUGE DISCONNECT
 - These connectors will plug into the gauge disconnect from the Cluster harness, bag H. Each wire function is described on the instruction sheet from bag H.
 - 10 IGNITION SWITCH
 - Yellow (loose) This kit comes complete with an ignition switch and is properly wired for our ignition switch. If you chose to use a stock 1955-56 ignition switch, connectors and terminals are provided to do so. Follow the diagram above for proper installation. The only application in which this wire will be used is as follows: Using an original 1955-56 ignition switch, with a points type ignition system, or with a starter which does not have a stud for the resistor by-pass on it. If all of these items exist in your car, then you will connect as shown in the ignition switch illustration above.
 - Red 12 volt battery feed to switch
 - Pink 12 volt ignition feed to switch
 - Purple Starter solenoid feed wire
 - Brown Accessory feed wire
 - 11 TURN SIGNAL SWITCH
 - This harness has a connector on it for the more common 1969-1974 GM column connection used by GM and most after market manufacturer's. If you are using a stock 1955-56 or 1975 up GM turn signal switch, follow the diagram above, and connect wires accordingly using the provided turn signal connector L and terminals M.
 - 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
 - Orange Fused 12 volt feed for cigarette lighter.
 - 12 LIGHTER
 - Orange Fused 12 volt feed for cigarette lighter.
 - 13 NEUTRAL SAFETY
 - NOTE: These wires MUST be connected to either a neutral safety switch if using an automatic transmission, or connected together if using a manual transmission in order for the starter to operate, and for the car to start.**
 - Purple 12 volt feed from ignition switch
 - Purple 12 volt feed to starter
 - 14 BACK UP SWITCH
 - Pink 12 volt ignition power to switch
 - Light Green 12 volt power out to back up lights, from switch.



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View connector from front, as though you were plugging connector into your face.

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

15	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.
16	STARTER CONNECTION		This connector will plug into the mating connector from the Engine harness, bag J.
17	RADIO	Tan	Fused 12 volt accessory feed for radio (accessory)
17	RADIO BAT	Yellow	Fused 12 volt battery feed for radio memory or clock
18	GLOVE BOX	Orange	Fused 12 volt battery feed for the glove box lamp
19	HEATER SWITCH		1955 uses a two connector switch, with a separate lamp feed, while 1956 uses a single, 3 position connector which incorporates that lamp wire. This kit has loose connectors for use on both switches. See detail above.
		Brown	Fused 12 volt accessory feed to heater / ac switch
		Orange	12 volt power from heater / ac switch to blower
		Gray	Lamp feed for heater / ac switch
20	CLOCK	Gray	Lamp feed for clock
		Yellow	Fused 12 volt battery feed for clock
21	BLOWER	Orange	Feed from heater / ac switch to blower
22	COURTESY LAMP	White	Dome / courtesy lamp ground to door jamb switch. Connect to courtesy lamp kit (bag N).
		Orange	Dome / courtesy lamp power to door jamb switch. Connect to courtesy lamp kit (bag N).



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