

Fuse Panel Installation Instructions

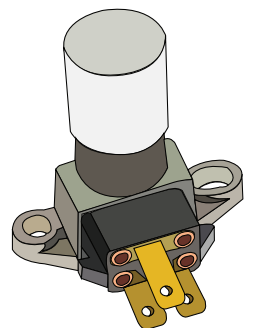
Following these simple instructions will guarantee a successful installation of your American Autowire Fuse Panel Harness.

The order of installation will be as follows:

1. Install the provided fuses and horn relay into the fuse panel and horn relay connector.
2. Install the fuse box mounting plate. (see sheet 2)
3. Route the fuse panel harness in dash area. Installation clamps are provided, as shown in detail "D" on sheet 4.
4. Make all the dash connections as shown on sheets 2 through 4.
5. Starting with bag "H," install all other wiring bas as the letter designation on the instruction sheets. (bags H, J, K, L M).

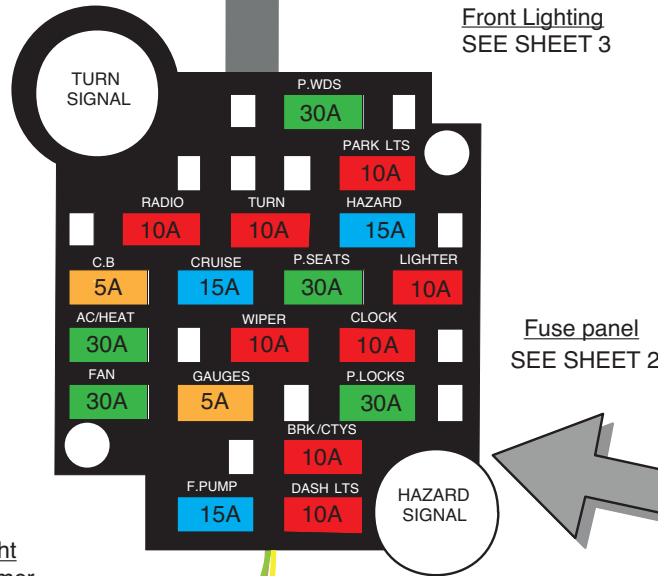
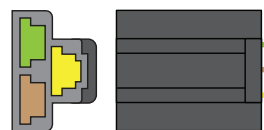
Let's begin your installation of this Fuse Panel harness. Study the diagram above, and follow the installation procedures on the following pages.

Dimmer Switch
Part # 500042



Headlight
Floor Dimmer
Switch

SEE SHEET 2



Fuse panel
SEE SHEET 2

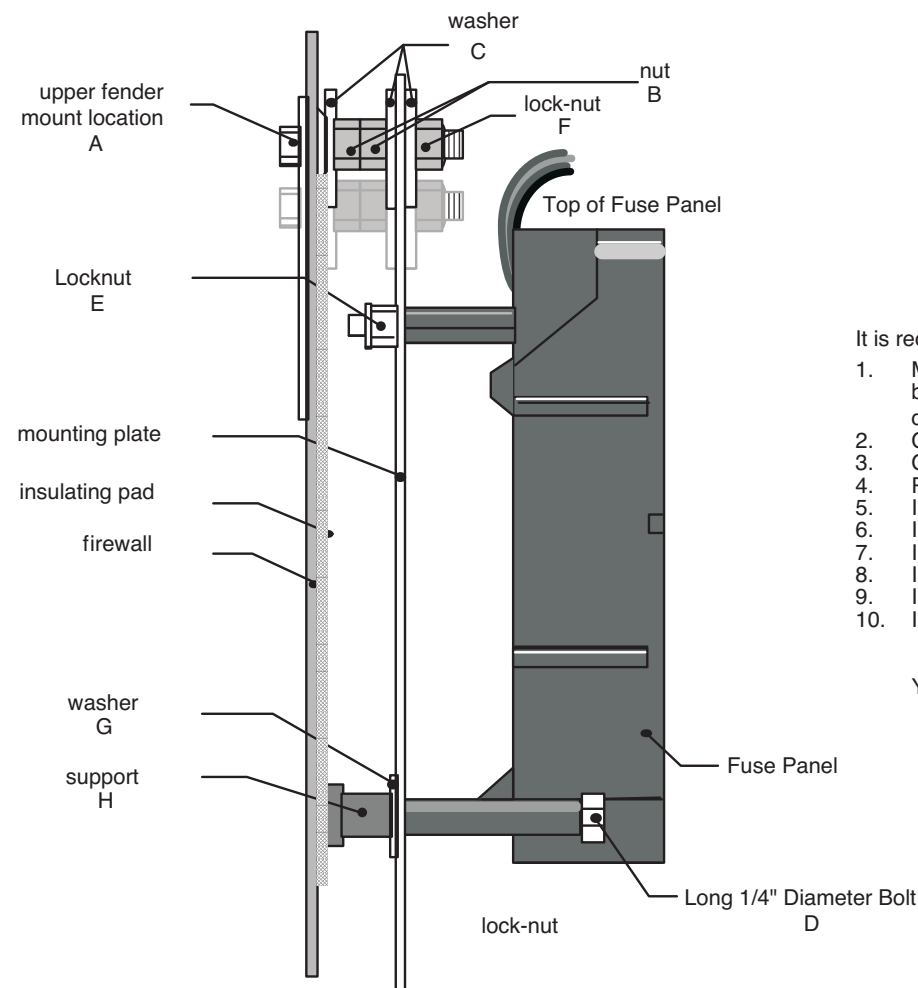
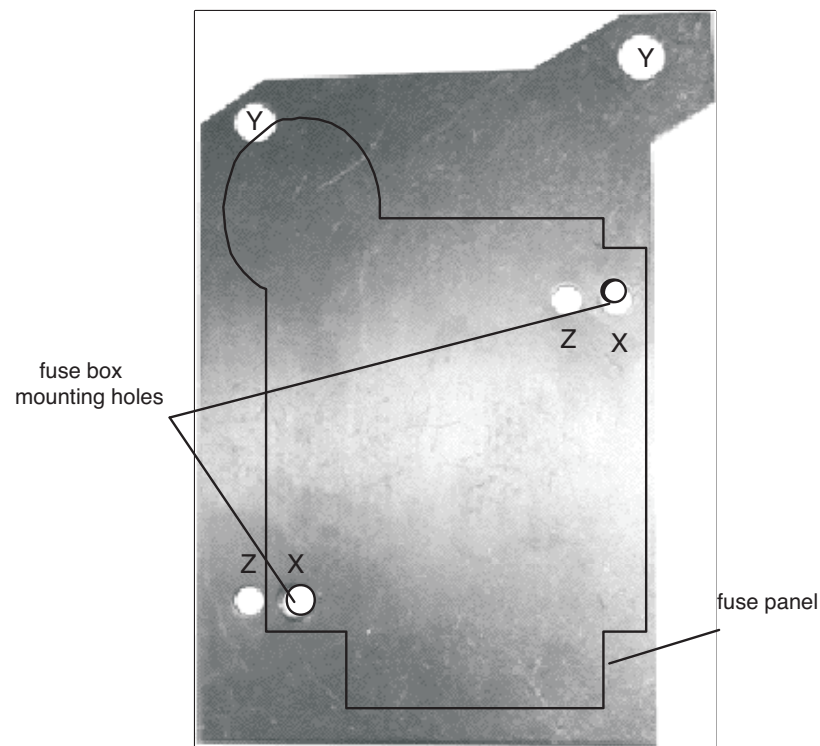
RECOMMENDED FUSE CIRCUIT RATINGS

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 #	500559	G
DESCRIPTION:	1960-66 Chevy/GMC Truck	
	Custom Fuse Panel Harness	
92965539 instruction sheet	Rev 9.0	4/26/2023

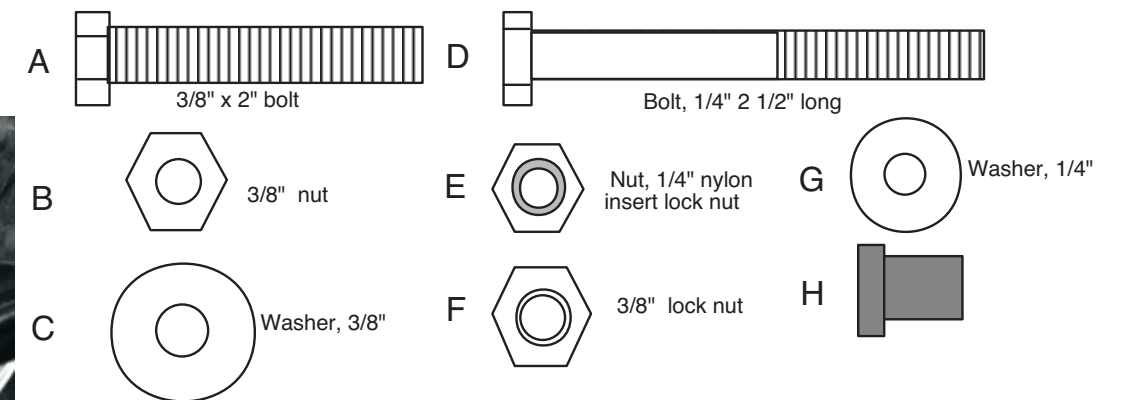
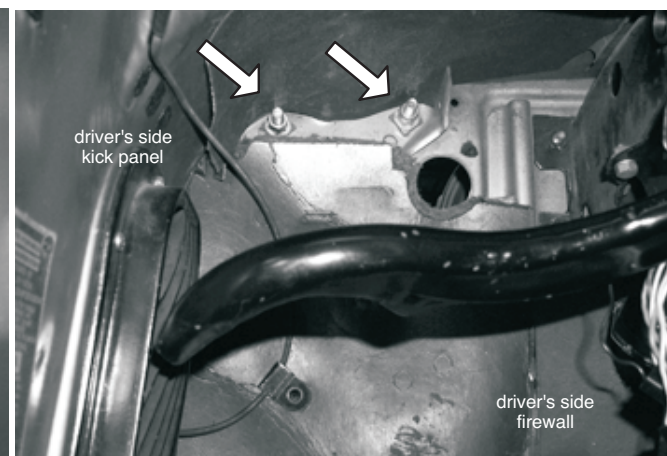
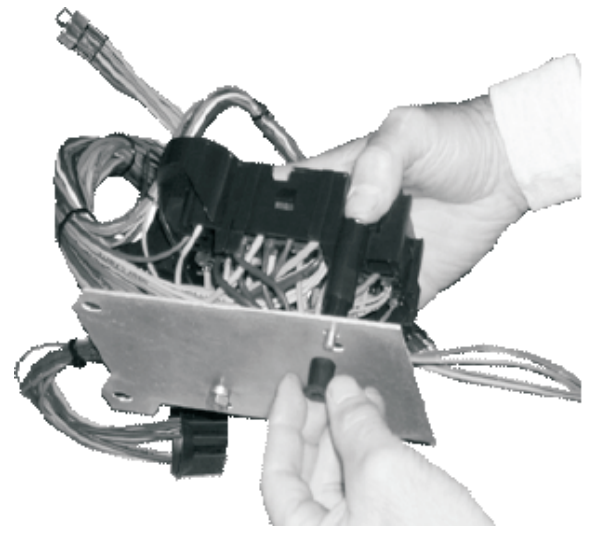


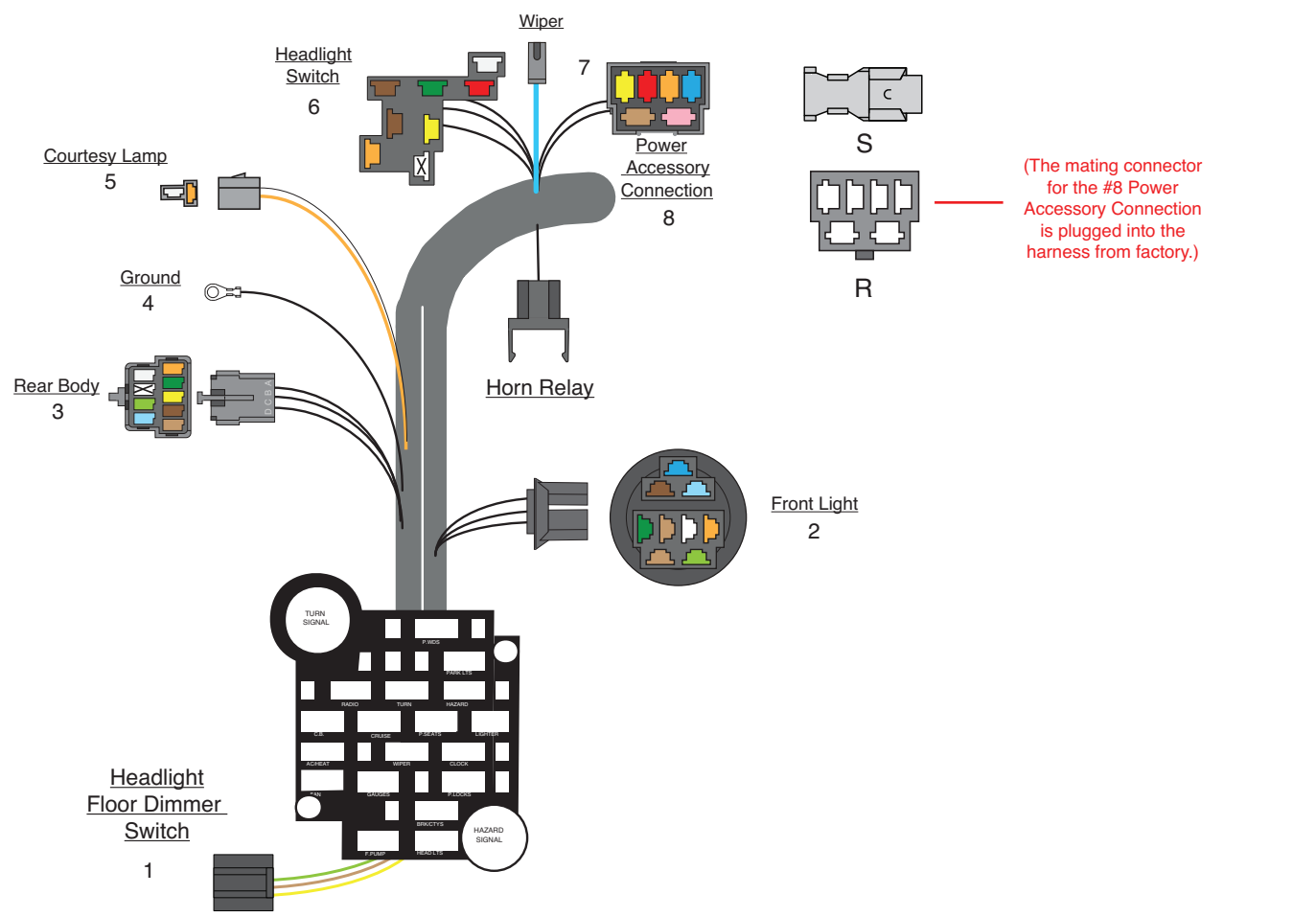
Mounting Fuse Panel and mounting plate

It is recommended that the firewall support bolts be replaced one at a time as follows:

1. Mount fuse box to plate, as shown in DETAIL A. Using either holes X or Z, install bolts D through the mounting holes on fuse box and plate (It is best to use a 1/4" drive, 6 point deep well socket and extension to tighten these bolts).
2. On upper bolt of fuse box, install lock nut "E", as shown in DETAIL B & G.
3. On lower bolt of fuse box, install washer "G" and rubber support "H", as shown in DETAIL B & G.
4. Remove the upper driver side firewall support bolts (2) from the firewall, as shown in DETAIL C.
5. Install bolt "A" into the existing firewall support bolt holes, as shown in DETAIL C, G & H.
6. Install 1 flat washer "C" on each bolt, as shown in DETAIL G & H.
7. Install 2 standard nuts "B" on each bolt, as shown in DETAIL G & H.
8. Install 1 flat washer "C" on each bolt, as shown in DETAIL G.
9. Install mounting plate assembly, as shown in DETAIL G.
10. Install flat washer "C" on each bolt, and secure with lock nut "F", as shown in DETAIL G.

Your fuse panel is now installed!

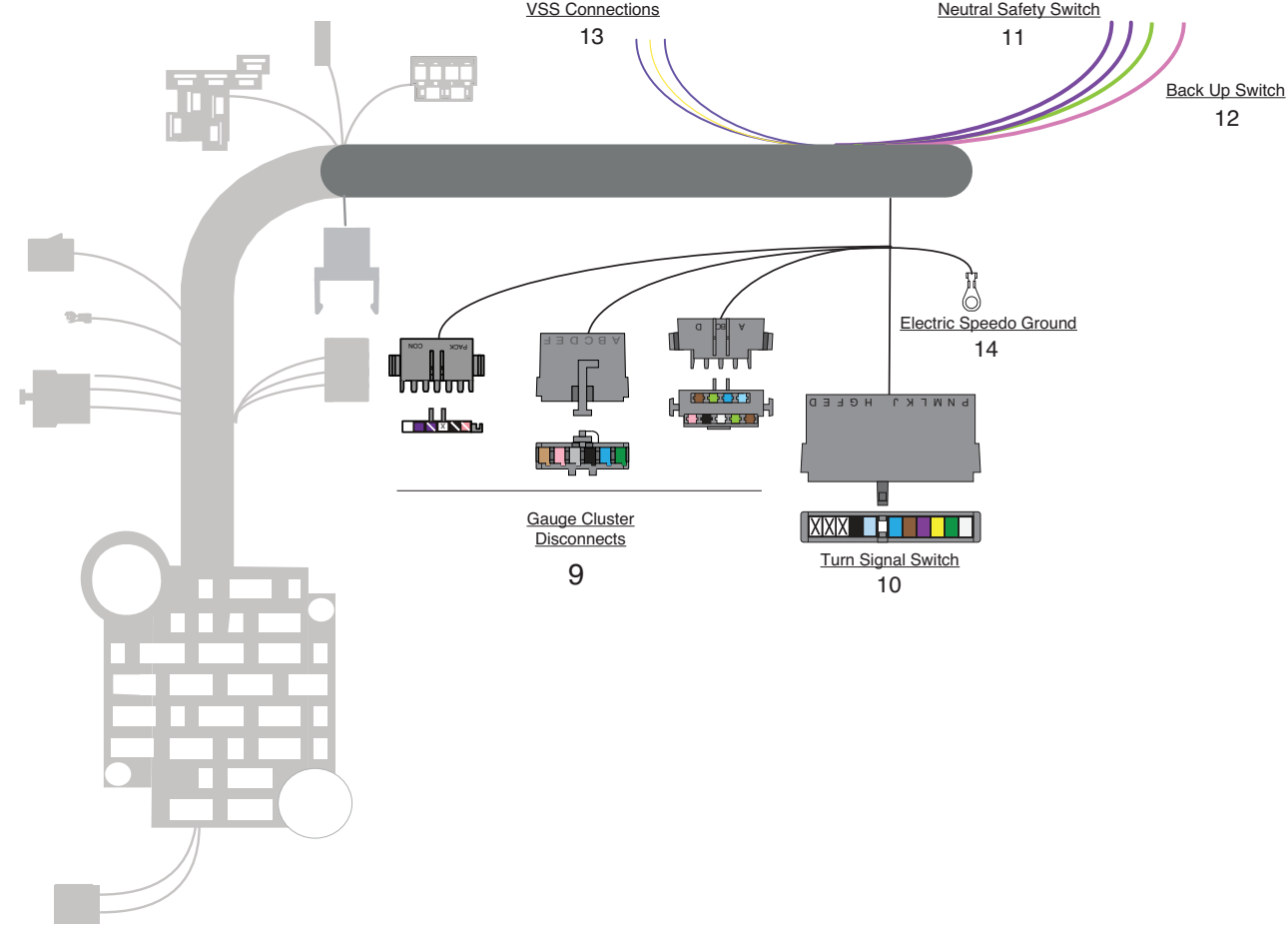




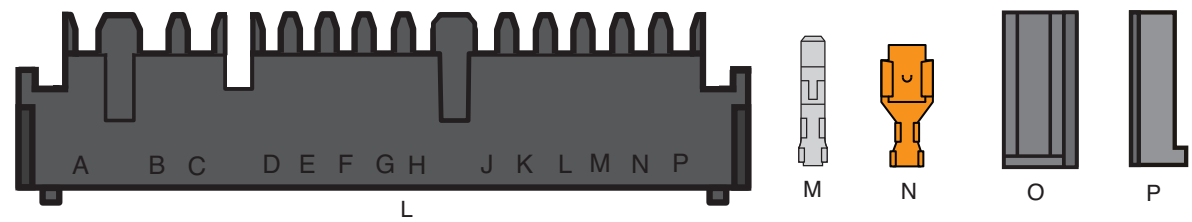
- Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connectors to install the following wires:
- | | | | |
|---|-------------------|--|---|
| 1 | DIMMER SWITCH | Yellow
Tan
Lt Green | 12 volt feed to headlight floor dimmer switch
Lo beam feed from headlight floor dimmer switch
Hi Beam feed from headlight floor dimmer switch |
| 2 | FRONT LIGHT | This connector will mate to the connector from the Front Light harness found in bag L.
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
Tan Electric choke feed | |
| 3 | 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 | |
| 4 | GROUND | Black | This wire is the ground for the instrument cluster. Connect it to a good chassis ground. |
| 5 | COURTESY LAMP | This connector plugs into the mating connector for the courtesy lamp kit 500614. (Bag N)
White Dome / courtesy lamp ground, to door jamb switch
Orange 12 volt battery feed to courtesy lamp. | |
| 6 | HEADLIGHT SWITCH | NOTE: For use of stock headlight switch, see photo above.
Red 12 volt feed to switch "BAT" location on headlight switch
Orange 12 volt feed "in" to park/tail "PARK / TAIL FEED IN" location on headlight switch. (commonly found on GM headlight switches)

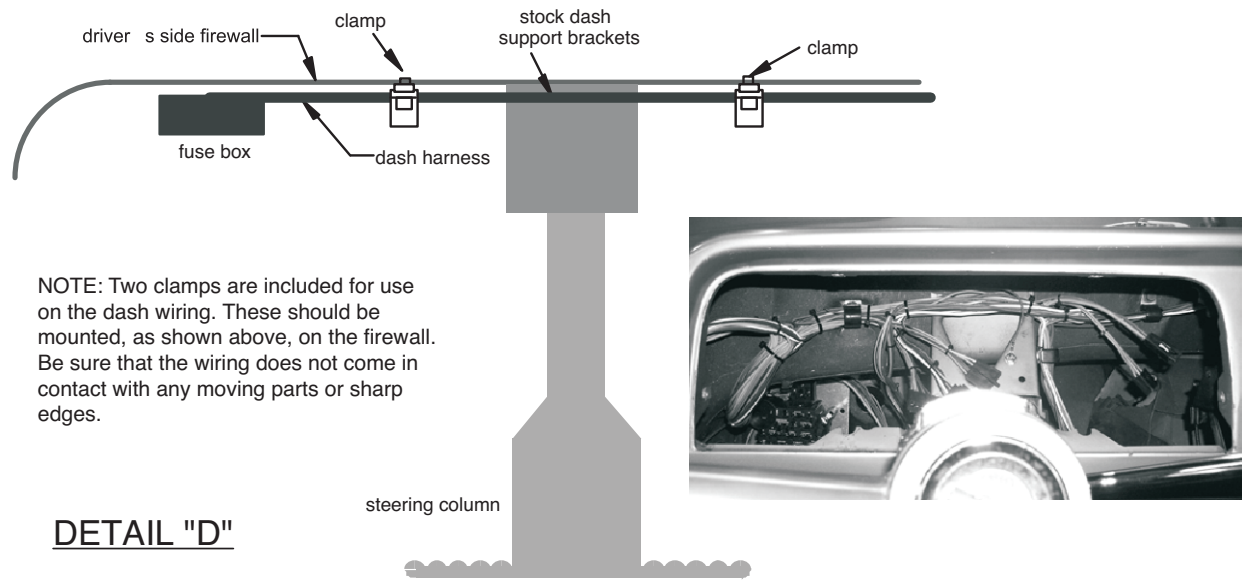
Brown Park / tail feed "out" "PARK / TAIL FEED OUT" location on headlight switch.
Yellow Dimmer feed "DIMMER FEED" location on headlight switch.
Dk Green Instrument lamp feed "INSTRUMENT LAMP" location on headlight switch.
White Dome / courtesy ground "GROUND" location on headlight switch. | |
| 7 | WIPER | Lt Blue | See 500613, bag O, wiper kit for installation.
For an aftermarket wiper system, consult wiper manufacturer for proper hook up. NOTE: Check for proper grounding of wiper motor assembly. |
| 8 | POWER ACCESSORIES | Use the provided connector R and terminals S if you wish to connect to the accessory connector.
Dark Blue 15A Fused 12 volt IGNITION feed for fuel pump. (may also be used to feed power to another accessory circuit)
Orange 30A Fused 12 volt BATTERY feed for power seats. (may also be used to feed power to another accessory circuit)
Red 30A Fused 12 volt BATTERY feed for power door locks. (may also be used to feed power to another accessory circuit)
Pink 15A Fused 12 volt IGNITION feed for cruise control. (may also be used to feed power to another accessory circuit)
Yellow 30A Fused 12 volt BATTERY feed for power windows. (may also be used to feed power to another accessory circuit)
Tan 5A Fused 12 volt ACCESSORY feed for CB radio. (may also be used to feed power to another accessory circuit) | |

(The mating connector for the #8 Power Accessory Connection is plugged into the harness from factory.)



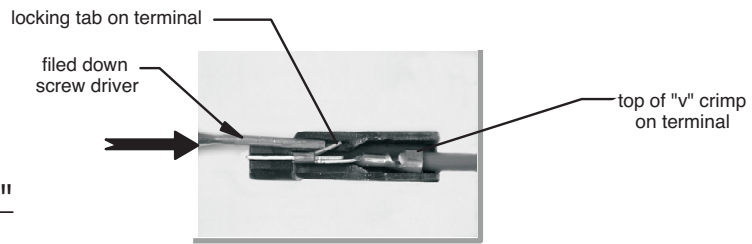
- Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connector to install the following wires:
- | | | | |
|----|------------------------|--|---|
| 9 | GAUGE DISCONNECT | These connectors will plug into the gauge disconnect from the Cluster harness, bag H. Each wire function is described on the instruction sheet from bag H. | |
| 10 | TURN SIGNAL SWITCH | White
Dark Green
Yellow
Purple
Brown
Dark Blue
Light Blue
Black | This harness has a connector on it for the more common 1969-1974 GM 3/8" turn signal connection used by GM and most other aftermarket manufacturers. If your column has the 4 1/4" GM connector, simply replace your existing column connector with connector L below by removing the existing terminals as shown in the Detail E photo on sheet 4. If you are using a turn signal switch which does not have a connector that plugs into the connector on our harness, install connector L and terminals M on your turn signal wires, and then plug connector "L" (see below) into our harness. See Detail F on sheet 4 for connecting to the 3 different stock turn signal switches that were used by GM between 1960 and 1966.
12v input from the brake switch.
Output to the RH rear brake and turn lamp.
Output to LH rear brake and turn lamp.
12v input from the turn signal flasher.
12v input from the from the hazard flasher.
Output to the RH front turn lamp.
Output to the LH front turn lamp.
Horn relay ground wire to horn switch. |
| 11 | NEUTRAL SAFETY | Purple
Purple | Terminals N and connectors O & P are provided for connection to a neutral safety switch, and back up switch.
12 volt feed from ignition switch to the neutral safety switch.
12 volt feed to the starter from the neutral safety switch. (These wires MUST be connected to a neutral safety switch for automatic transmission, or connected together for manual transmission use. (IF THESE CONNECTIONS ARE NOT MADE, THE STARTER WILL NOT CRANK!)) |
| 12 | BACK UP SWITCH | Pink
Light Green | 12 volt ignition power to back up light switch. (Protected by the 5 amp GAUGES fuse)
12 volt power out to back up lights, from switch. |
| 13 | VSS CONNECTIONS | Purple
Yellow
Purple/White St. | These wires will only be used if you are using an electronic speedometer. Route these wires down to the VSS on your transmission. (NOTE: The purple and yellow wires must remain twisted together down to the speed sensor unit.) See the gauge cluster kit instructions, 500608 bag H, for typical connections.
VSS signal. This wire will attach to the signal wire on your VSS (twist together with the yellow wire from below).
VSS ground. This wire will attach to the ground wire on your VSS (twist together with the purple wire from above).
12 volt fused feed to the VSS. This wire will attach to the 12 volt wire on your VSS (only used with a 3 wire VSS). |
| 14 | ELECTRIC SPEEDO GROUND | Black/White St. | This is the ground wire for the electric speedometer. Connect to a good known chassis ground (do not connect with #5 ground) |





NOTE: Two clamps are included for use on the dash wiring. These should be mounted, as shown above, on the firewall. Be sure that the wiring does not come in contact with any moving parts or sharp edges.

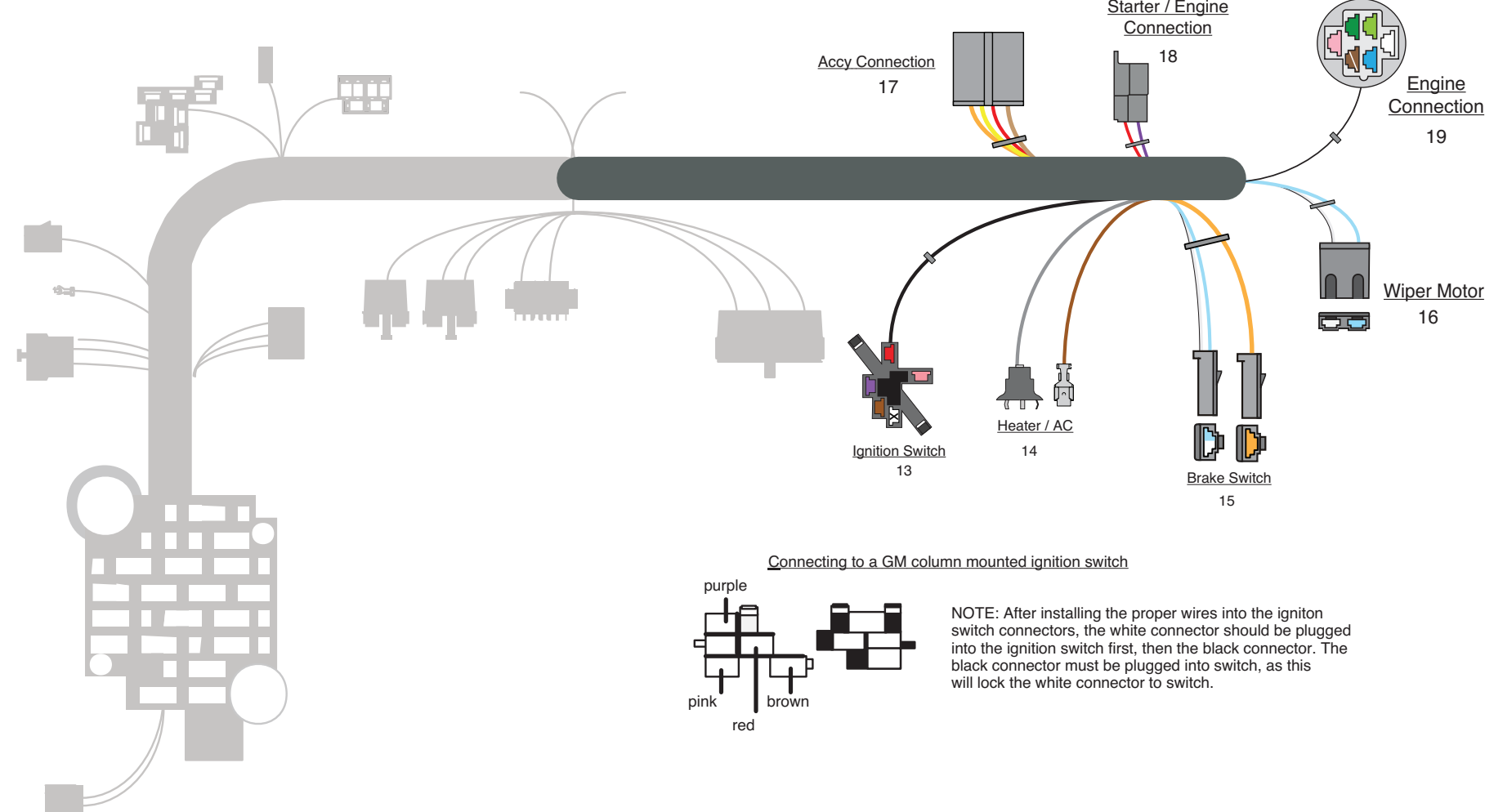
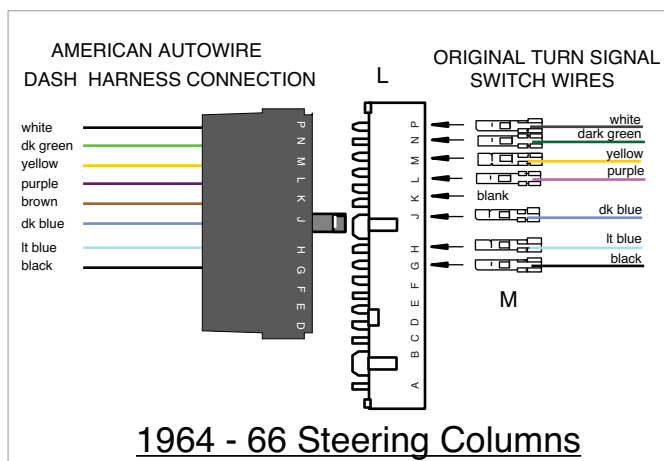
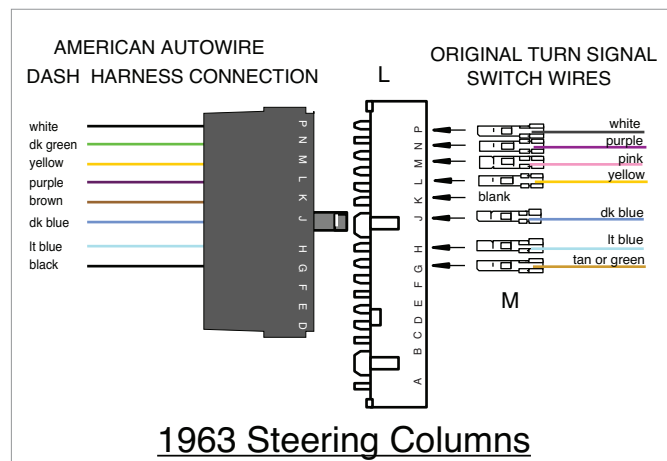
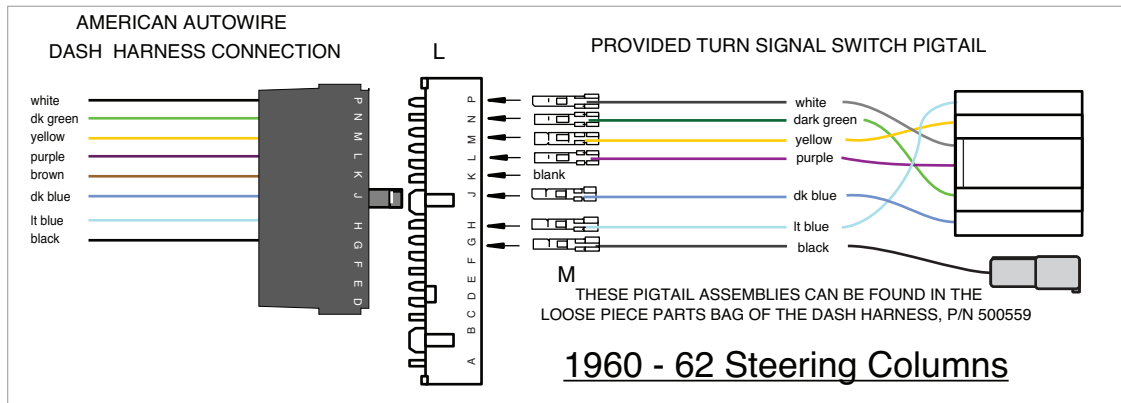
DETAIL "D"



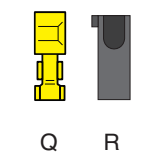
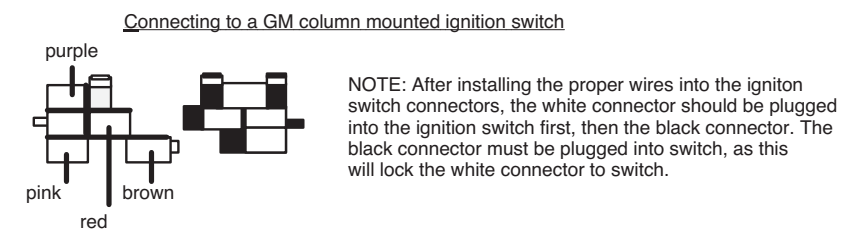
DETAIL "E"

REMOVAL OF STEERING COLUMN TERMINAL FROM A 4-1/4" GM COLUMN CONNECTOR (reference sheet 3)
 To remove terminal, locate the crimped end of terminal, and look for the "v" side of crimp. This is the same side that the locking tab is located on the terminal. From the opposite end of connector, insert a thin, filed down screwdriver into the cavity to collapse the locking tang. Gently pull wire from behind and the terminal will release.
 To re-install, simply pull the locking tab up into position and insert the terminal in the new connector.

DETAIL "F"
Stock Turn Signal Wires - to - kit



- Note: Terminals are provided for most connections on your wiring kit. Use the provided terminals and connector to install the following wires:
- 13 IGNITION SWITCH
 - Red: 12 volt battery feed to switch
 - Pink: 12 volt ignition feed from ignition switch to fuse panel
 - Purple: Starter solenoid feed wire
 - Brown: Accessory feed wire from ignition switch to fuse panel
 - 14 HEATER SWITCH
 - Brown: Fused 12 volt feed to heater / ac switch
 - Grey: Heater control lamp
 - 15 BRAKE SWITCH
 - Orange: Plug each of the two connectors containing the orange and white/lit blue wires onto one or the other of the two blades on the brake light switch
 - White: 12 volt feed to brake switch
 - Light Blue: 12 volt out from the brake switch to the turn signal switch
 - 16 WIPER MOTOR
 - White: Connection of these wires are detailed in the wiper connection kit. 500613, bag O.
 - Lt Blue:
 - 17 ACCY CONNECTOR
 - Red: This connector can be used for many different functions. Supplied in this kit is a mating connector and terminated wires for your use. Install the wires maintaining color continuity with the wires on our harness. We recommend the following:
 - Tan: Cigarette Lighter - 10A Fused BATTERY constant feed. Connect to lighter housing using terminal Q and connector R.
 - Yellow: Radio - 10A Fused, keyed IGNITION feed for radio. (Protected by the RADIO FUSE)
 - Orange: Radio - 10A Fused, BATTERY constant feed for radio. (Protected by the CLOCK FUSE)
 - Orange: Glove Box - fused BATTERY constant feed. (Protected by the BRK/CTYS FUSE)
 - 18 STARTER CONNECTION
 - This connector will plug into the mating connector from the Engine harness, bag J.
 - 19 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.



1960-66 Truck Custom Fuse Panel Harness 500559
 92965539 instruction sheet Rev 9.0 4/26/2023