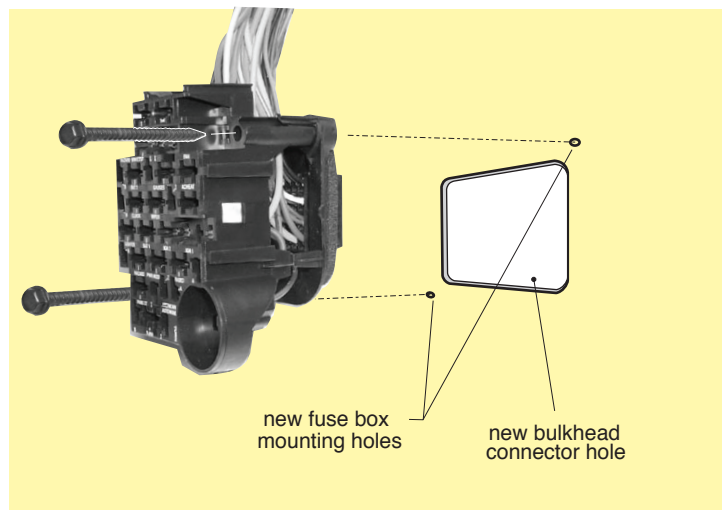


### INSTALLING THE FUSE BOX



1. Locate the new bulkhead pass thru 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.

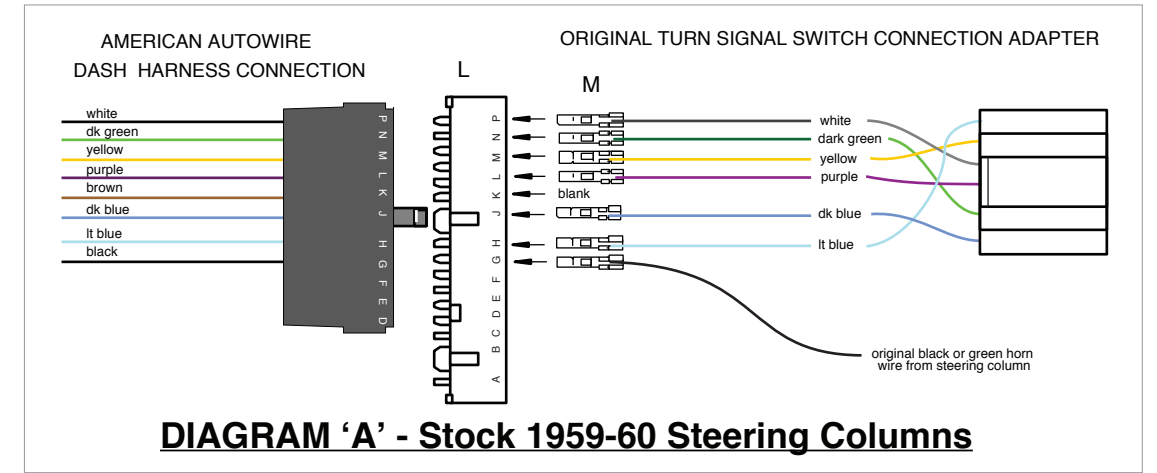
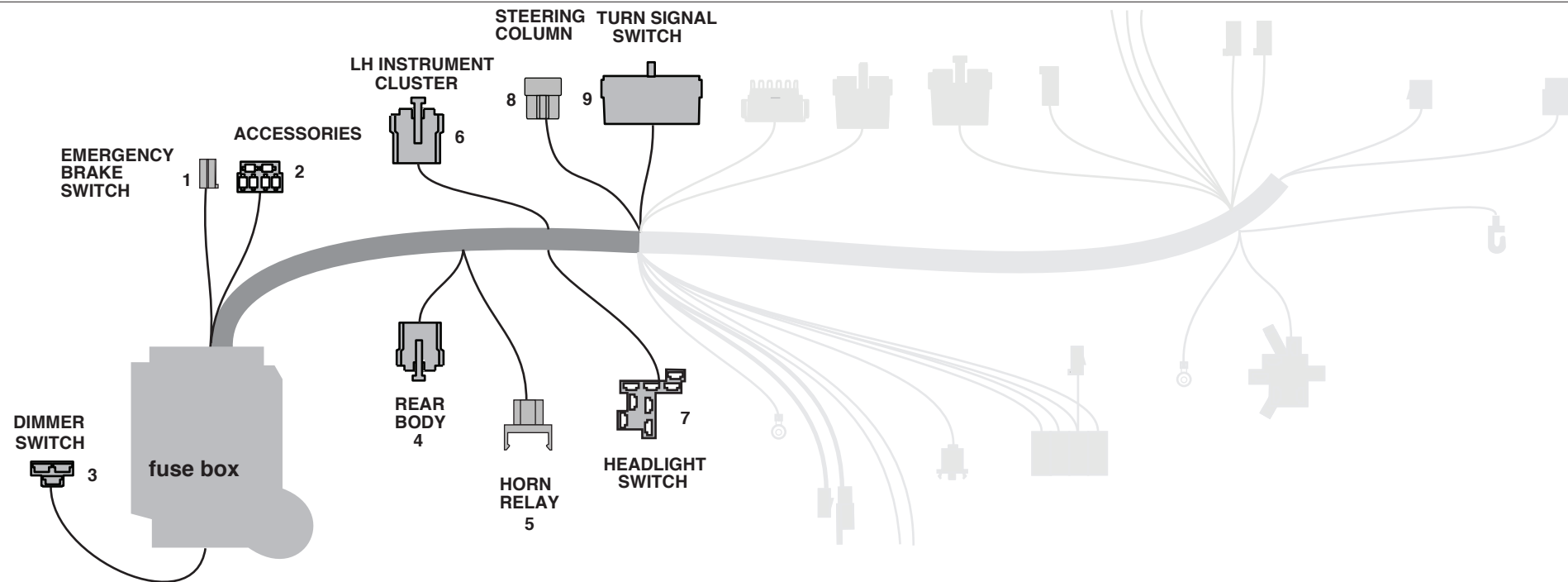
1. Study the diagram above to familiarize yourself with the dash harness.
2. Install the fuse box.
3. Route the dash harness using the factory support straps.
4. Make all connections as shown on the following pages of this dash harness kit.
5. Once this harness is installed, continue to bag 'H', and install the rest of the kit (bags H,J,K,L,M).
6. See sheet 2 regarding plugs for the original engine and forward lamp harness bulkhead holes.



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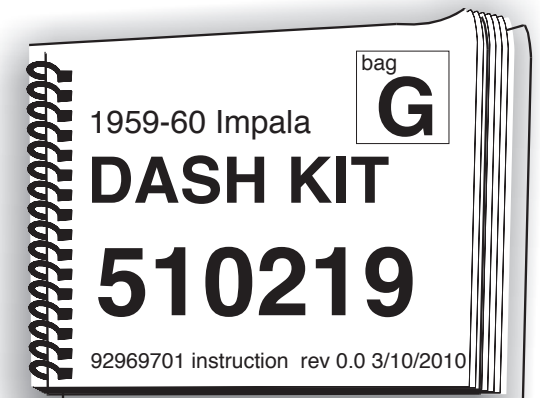
**DIAGRAM 'A' - Stock 1959-60 Steering Columns**

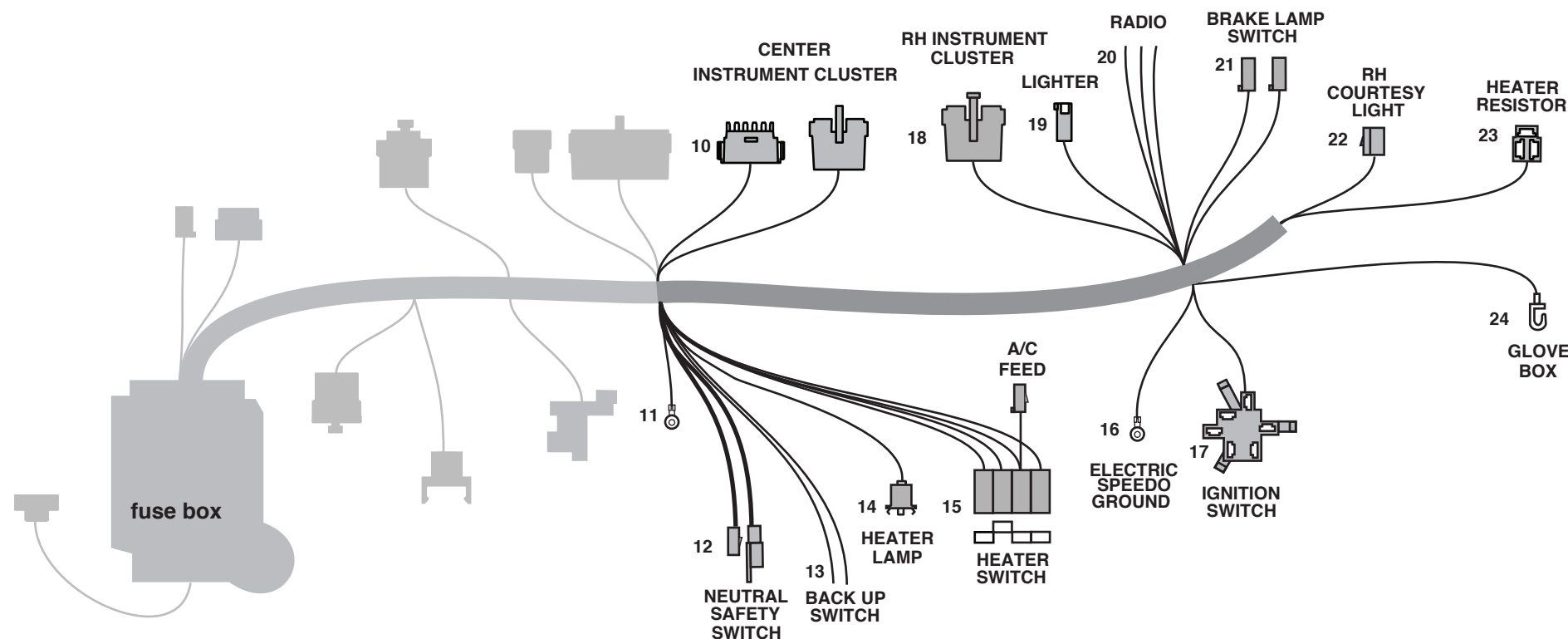
- |   |                                  |             |  |
|---|----------------------------------|-------------|--|
| 1 | EMERGENCY BRAKE                  | Tan         | Connect to the emergency brake switch. This is the ground circuit for the brake warning switch lamp.   |
|   |                                  | Pink        | Switched 12 volt to warning lamp   |
| 2 | ACCESSORIES                      |             | Ignition 12 volt feed to parking brake warning switch  |
|   |                                  |             | Use the provided connector that is plugged into the dash harness along with the loose terminals in the loose piece parts kit to connect power leads for the following:   |
|   |                                  | <b>Fuse</b> | <b>Rating</b>  |
|   |                                  | 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 ats (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 | DIMMER SWITCH                    |             | This connector will mate to the floor mounted dimmer switch.   |
|   |                                  | Yellow      | 12 volt feed into dimmer switch from H/L switch  |
|   |                                  | Light Green | 12 volt feed out to high beam H/L  |
|   |                                  | Tan         | 12 volt feed out to low beam H/L   |
| 4 | REAR BODY                        |             | This connector will mate with the connector from the Rear Body harness 510222, bag M.  |
|   |                                  | Tan         | Fuel tank sender lead  |
|   |                                  | Brown       | Tail lamp and tag 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  |
| 5 | HORN RELAY                       |             | Plug the horn relay (found in the fuse, relay, and flasher bag, 500707) into this connector.   |
|   |                                  | Red         | 12 volt battery for relay  |
|   |                                  | Black       | Relay ground circuit (from steering column)  |
|   |                                  | Dark Green  | Triggered 12 volts out to horn   |
| 6 | LH INSTRUMENT CLUSTER DISCONNECT |             | This connector will plug into the the Instrument Cluster Harness, 510223, bag H. Circuit identifications for this branch are described in those instructions.  |
| 7 | HEADLIGHT SWITCH                 |             | This connection will plug onto the new headlamp switch, 500332.  |
|   |                                  | Red         | Battery 12 volt input lead to switch for headlamps.  |
|   |                                  | Orange      | Battery fused 12 volt input lead to switch for park / tail output and dash lamp input  |
|   |                                  | Brown       | Park/tail lamp output  |
|   |                                  | Yellow      | 12 volt output lead to dimmer switch for headlamps   |
|   |                                  | Dark Green  | Dash lamp output to fuse panel   |
|   |                                  | White       | Dome / Courtesy ground   |
| 8 | STEERING COLUMN CONNECTION       | Gray        | Transmission selector lamp wire for column automatic cars  |
| 9 | TURN SIGNAL SWITCH               | Black       | Horn relay ground wire for stock 59-60 column. If using a late model column, cut the end off of your stock wire, crimp on terminal M and plug into connector L as seen above   |
|   |                                  |             | The connector on this harness will mate directly to the 3 7/8" turn signal switch used by GM and many other aftermarket steering column manufacturers. If you are using a stock 1959-60 column and turn signal switch that is mounted on top of the column up under the dash, an adapter has been provided for you. Simply take the adapter and crimp terminals M onto each wire from the adapter and install those terminals into connector L as shown above right in "Diagram A". If you are using an aftermarket column that utilizes the 4 1/4" column connection, removed the terminals from that connector or cut the connector off and crimp terminals M onto the wires from your switch, then install the terminals into connector L maintaining color continuity with the new switch. |
|   |                                  | White       | to 12 volt feed from brake swit  |
|   |                                  | Dark Green  | RH rear stop and turn  |
|   |                                  | Yellow      | LH rear stop and turn  |
|   |                                  | Purple      | 12 volt ignition feed from turn signal flasher   |
|   |                                  | Brown       | 12 volt battery feed from hazard flasher   |
|   |                                  | Dark Blue   | RH front turn  |
|   |                                  | Light Blue  | LH front turn  |
|   |                                  | Black       | Horn relay ground to horn switch   |

**NOTE:** There are 2 round vinyl plugs enclosed in the loose piece parts package of this dash harness kit. They are to be installed into your original firewall engine and forward lamp harness pass thru holes. They will fit firmly into the original holes with no modification necessary.



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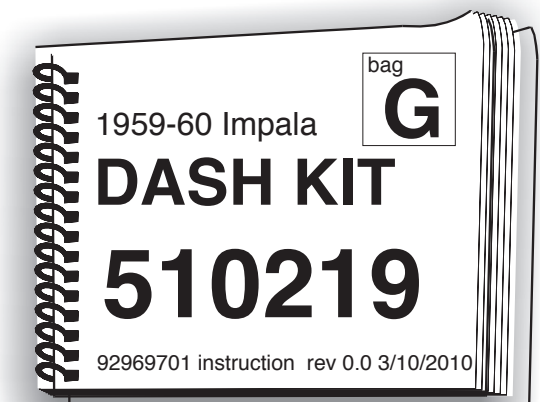


**NOTE:** For your information, there were 7 different windshield wiper and washer configurations that Chevrolet used between 1959 and 1960. This kit supplies the main power feed for those systems just as your stock dash harness did. This feed, which is found in the engine harness, 510220, bag J, will plug directly into your existing wiper harness or motor assembly exactly as the original did. If you require a new wiper harness for your car, they are available from AAW. Contact our Sales Department at 856-933-0801 or your favorite dealer to inquire about the correct application for your car.

- |    |                                       |             |   |
|----|---------------------------------------|-------------|---|
| 10 | CENTER INSTRUMENT CLUSTER DISCONNECTS |             | These connectors will plug into the the Intrument Cluster Harness, 510223, bag H. Circuit identifications for this branch are described in those instructions.  |
| 11 | GROUND                                |             | Connect to the dash frame, steering column saddle, or any other good known chassis ground.  |
| 12 | NEUTRAL SAFETY SWITCH                 | Black       | Cluster and dash lamp grounds   |
|    |                                       | Purple      | Connect these wires to your neutral safety switch or together if you are using a manual transmission without an NSS.  |
|    |                                       | Purple      | 12 volt feed in from ignition switch  |
| 13 | BACK UP LAMP SWITCH                   |             | Switched 12 volt feed out to starter solenoid   |
|    |                                       | Light Green | Connect these wires to your back up lamp switch.  |
|    |                                       | Pink        | 12 volt feed out to back up lamps   |
| 14 | HEATER CONTROL LAMP                   | Gray        | 12 volt ignition feed into back up lamp switch  |
| 15 | HEATER SWITCH                         |             | Dash lamp feed  |
|    |                                       | Brown       | Plug this connector onto your stock heater control switch   |
|    |                                       | Yellow      | 12 volt fused switch feed for heat or A/C power. (if using aftermarket A/C, use the short pigtail wire as the switched "ON" "OFF" feed wire to the aftermarket A/C harness.)  |
|    |                                       | Light Blue  | To heater resistor  |
|    |                                       | Orange      | To heater resistor  |
| 16 | ELECTRIC SPEEDO GROUND                |             | To heater resistor and blower motor   |
|    |                                       |             | Connect to the dash frame, steering column or pedal saddle, or any other good known chassis ground. (DO NOT attach this together with item #11 from above. They may be grounded to the same surface or area, just not under the same screw or bolt) |
| 17 | IGNITION SWITCH                       | Black       | Electric speedo ground  |
|    |                                       |             | This connection will plug onto the new ignition switch, 500684.   |
|    |                                       | Red         | 12 volt battery feed  |
|    |                                       | Pink        | 12 volt ignition feed   |
|    |                                       | Brown       | 12 volt accessory feed  |
|    |                                       | Purple      | 12 volt starter feed to Neutral Safety Switch   |
| 18 | RH INSTRUMENT CLUSTER DISCONNECT      |             | This connector will plug into the the Intrument Cluster Harness, 510223, bag H. Circuit identifications for this branch are described in those instructions.  |
| 19 | LIGHTER                               | Orange      | 12 volt fused battery feed to lighter   |
| 20 | RADIO                                 | Tan         | 12 volt accessory power feed to radio ("ON" and "OFF")  |
|    |                                       | Yellow      | 12 volt fused battery feed for clock and memory   |
|    |                                       | Gray        | Radio lamp wire for stock 1959-1960 radio application   |
| 21 | BRAKE LIGHT SWITCH                    |             | Plug this connector onto your factory stop lamp switch.   |
|    |                                       | Orange      | 12 volt fused battery feed to stop lamp switch  |
|    |                                       | White       | 12 volt out to turn signal switch   |
|    |                                       | Light Blue  | 12 volt out to third brake lamp   |
| 22 | RH COURTESY LAMP                      |             | Plug this connector into the mating RH courtesy lamp assembly from 500471, bag N.   |
|    |                                       | Orange      | 12 volt battery fused feed  |
|    |                                       | White       | Courtesy lamp switched ground   |
| 23 | HEATER RESISTOR                       |             | (Used on stock non A/C equipped cars only) Plug this connector onto the stock heater resistor located on the stock heater box inside the car under the dash.  |
| 24 | GLOVEBOX LAMP                         | Orange      | 12 volt fused battery feed for glovebox lamp  |



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