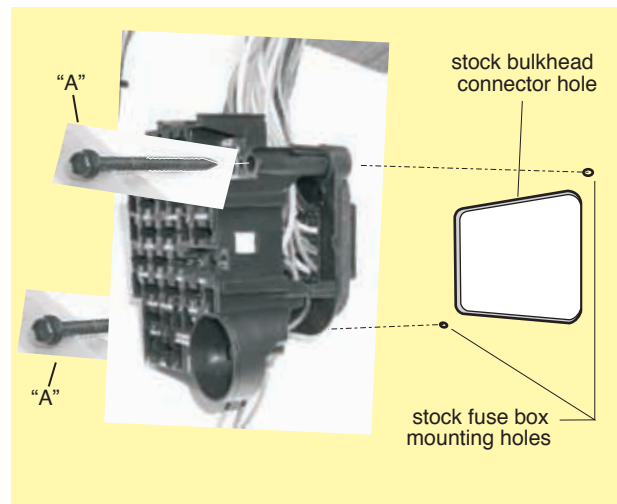


INSTALLING THE FUSE BOX

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.

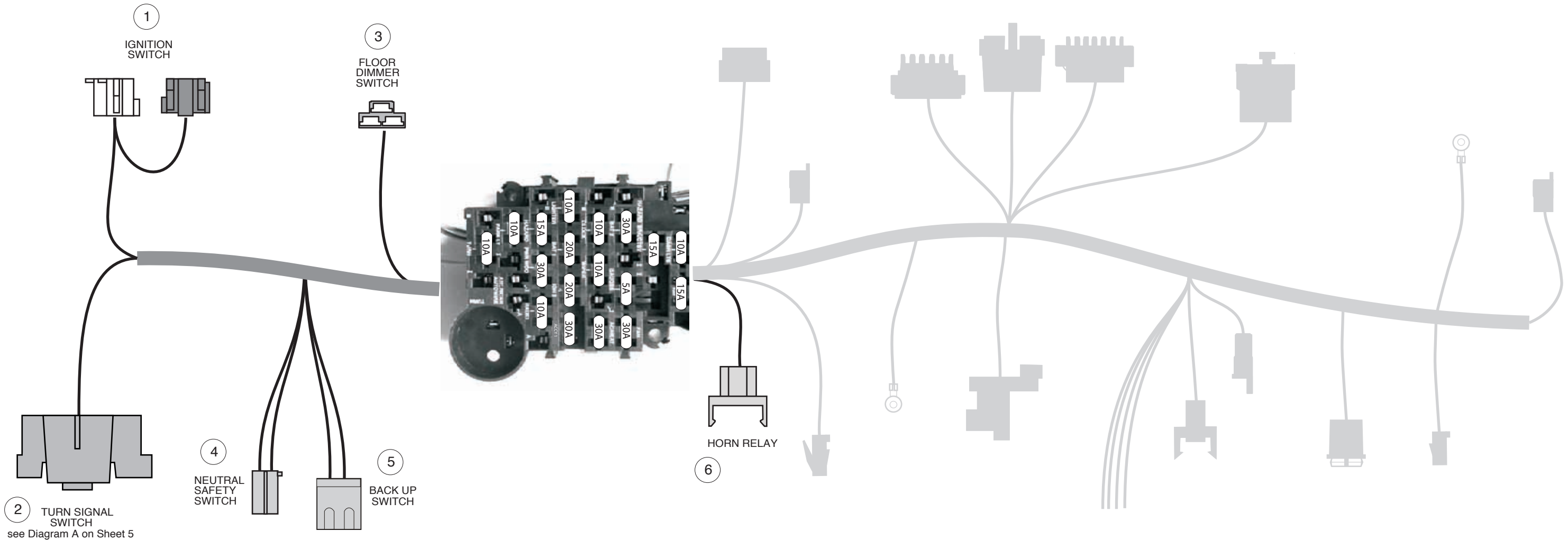


Fuse Panel Installation Instructions

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 page 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).





1. IGNITION SWITCH
 Red 12 volt battery feed
 Pink 12 volt ignition feed
 Brown 12 volt accessory feed
 Purple 12 volt starter feed

2. TURN SIGNAL SWITCH
 This harness is set up with a 1975 and later 4-1/4" turn signal connector and will mate directly to steering columns that utilize this connector. If you are using a pre 1975 or aftermarket column that utilizes the 3-7/8" connector, you can either remove the terminals from that connector and install connector A, on Sheet 5, or cut the connector off and crimp the supplied terminals onto the wires from your switch. Install the terminals into connector A, maintaining color continuity with the new switch. (see Diagram "A" on Sheet 5 for this application)

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

3. FLOOR DIMMER SWITCH
 Plug this connector into the floor dimmer switch (part # 510104).
 Yellow Dimmer feed To DIMMER FEED location on headlight switch.
 Light Green Headlight High Beam Feed 'HEADLIGHT - HIGH BEAM' from dimmer switch through the bulkhead connector to the front headlight connector high beam location.
 Tan Headlight High Low Feed 'HEADLIGHT - LOW BEAM' from dimmer switch through the bulkhead connector to the front headlight connector low beam location.

4. NEUTRAL SAFETY SWITCH
 Connect these wires to the neutral safety switch on the column, console shifter, or clutch switch.
 Purple 12 volt feed 'in' to neutral safety switch.
 Purple 12 volt feed 'out' to starter

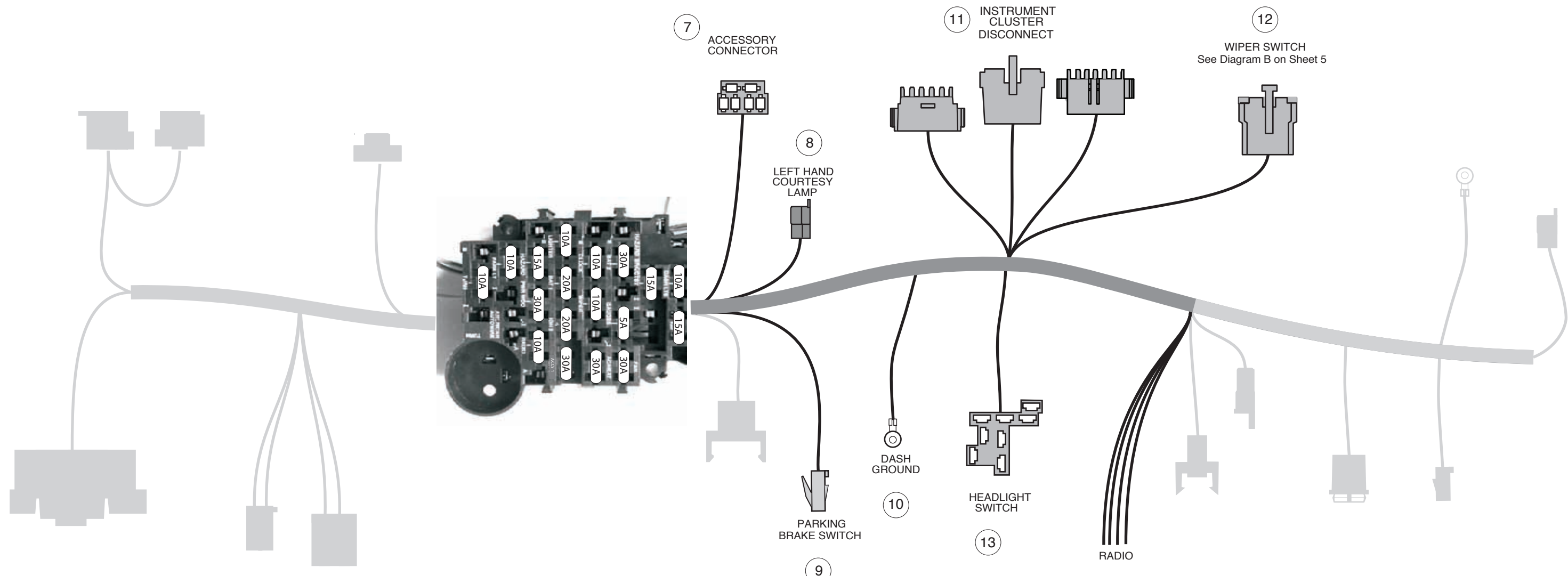
5. BACK UP SWITCH
 Connect these wires to the back up switch on the column, console shifter, or transmission.
 Pink 12 volt ignition feed 'in' to back up lamp switch
 Lt Green 12 volt feed 'out' to back up lamps

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



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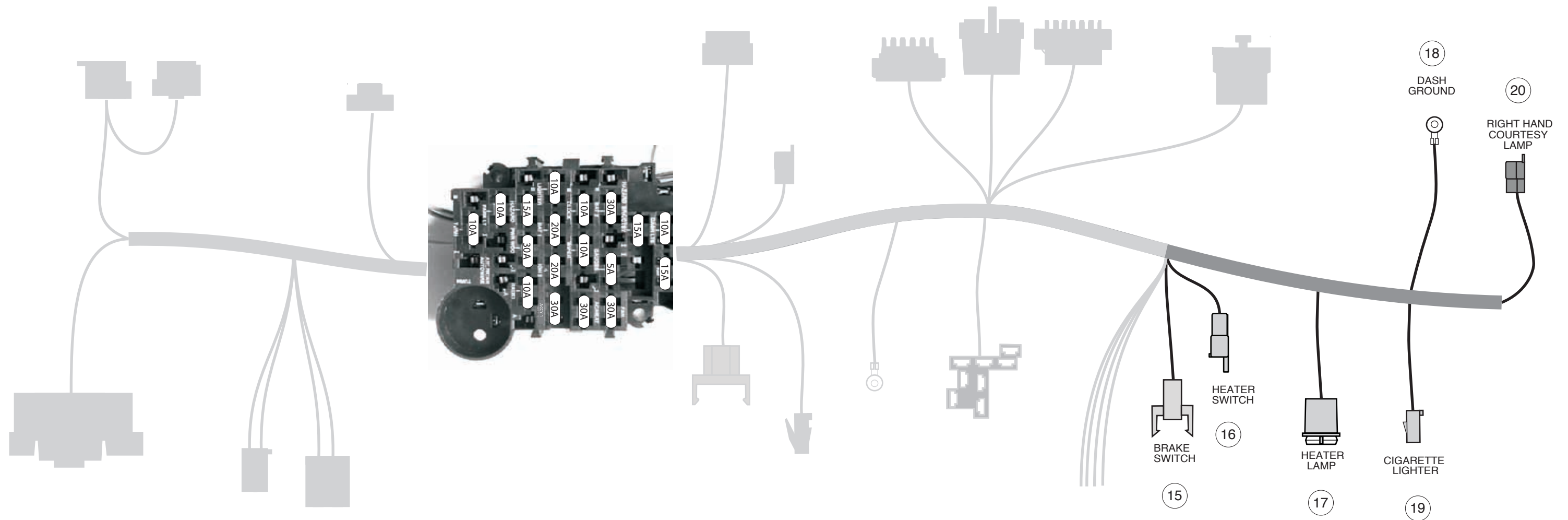


7. ACCESSORY CONNECTOR Use the provided connector J attached and terminals as power leads for the following:
- | Fuse | Rating | Description |
|-----------|---------------|---|
| Dark Blue | FUEL 15 amp | Fused 12 volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit) |
| 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 battery 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) |
8. LH COURTESY LAMP Plug this connector into the mating connector from the courtesy lamp kit bag N, 510354.
- | | |
|--------|-------------------------------|
| Orange | 12 volt battery feed for lamp |
| White | Ground circuit for lamp |
9. PARKING BRAKE SWITCH Tan Connect to parking brake light switch
10. ELECTRIC SPEEDO GROUND Black Connect to a good chassis ground
11. 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.
12. WIPER SWITCH See Diagram B on Sheet 5 for connection details.
- | | |
|-------------------|--------------------|
| Black | Low speed ground |
| Light Blue | High speed ground |
| Dark Blue | Washer pump ground |
| Black/Blue stripe | Washer pump ground |
| Black (GROUND) | Ground |
| Gray | 12 volt lamp feed |
13. HEADLIGHT SWITCH
- | | | |
|----------|------------------------------|---|
| 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 lamp feed out | PARK LAMP 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 |
14. RADIO
- | | |
|--------|--|
| Tan | Radio accessory feed. (On-Off switch) |
| Yellow | Radio 12 volt clock lead (battery feed) |
| Black | Radio ground |
| Gray | Dash lights (typically dims the display on aftermarket radios when lights are turned on) |



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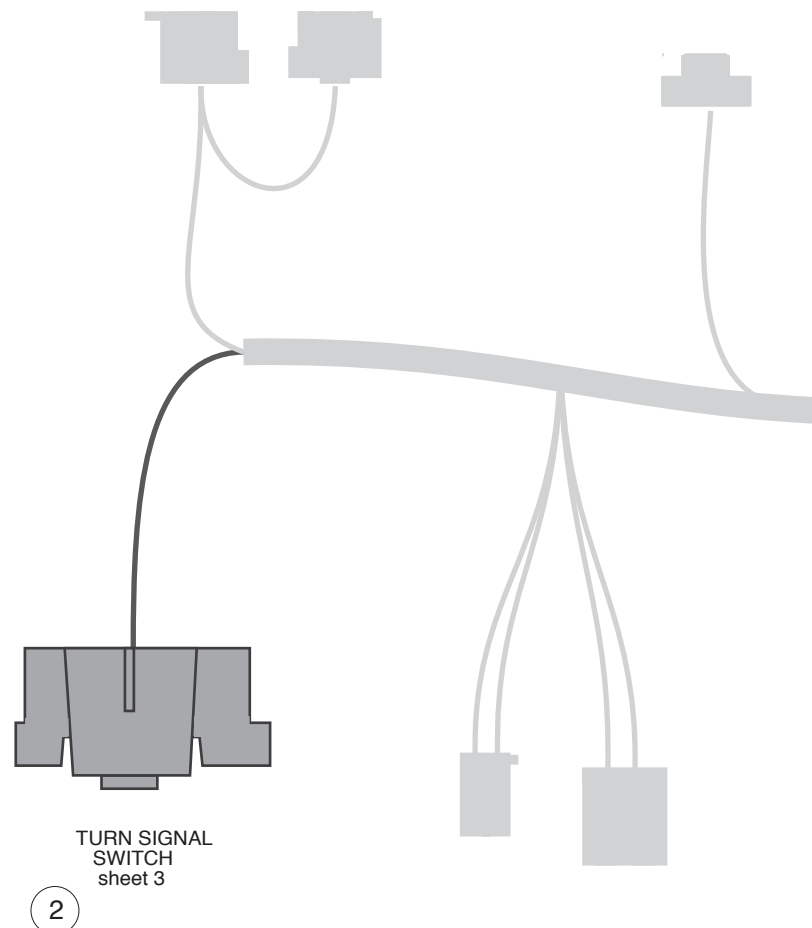
- | | | |
|-----|-------------------|--|
| 15. | BRAKE SWITCH | <p>Plug this connector into the factory brake switch.</p> <p>Orange 12 volt feed 'in' to switch.</p> <p>White 12 volt feed 'out' to steering column turn signal switch.</p> <p>Lt Blue 12 volt feed 'out' to third brake light.</p> |
| 16. | HEATER SWITCH | <p>AAW has provided the heater or A/C feed wire only for this application to be used in conjunction with your OE factory heater or A/C harness. The mating connector and terminals for the connection located in the loose piece kit of the dash harness. If you desire a new heater or A/C harness for your truck, contact AAW for the exact application for your truck. (The orange A/C high speed blower power feed from your OE A/C harness can be plugged into the accessory plug #7, as shown on sheet 3 by removing the black connector from the wire and installing the bare terminal into the mating cavity of the RED wire at that accessory plug).</p> <p>Brown 12 volt accessory feed to heater / A/C switch. (if using aftermarket A/C, use this brown wire as the keyed accessory feed wire to a/c harness.)</p> |
| 17. | HEATER LAMP | <p>Gray Correct lamp socket for factory heater lamp is on the harness, plug this into the original location.</p> <p>Black Lamp ground.</p> |
| 18. | GROUND | <p>Black Connect to a good chassis ground.</p> |
| 19. | CIGARETTE LIGHTER | <p>Orange Connect to lighter. (battery feed)</p> |
| 20. | RH COURTESY LAMP | <p>Plug this connector into the mating connector from the courtesy lamp kit bag N, 510354 .</p> <p>Orange 12 volt battery feed for lamp</p> <p>White Ground circuit for lamp</p> |



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12
WIPER SWITCH
sheet 3



TURN SIGNAL SWITCH
sheet 3
2

DIAGRAM - B 1973-82 Wiper switch connections

WIPER SWITCH CONNECTIONS These connectors, wires, and terminals can be found with the dash harness in Bag G.

- 1973-74** Plug connector C into the disconnect on the main dash harness (number 12 shown above). Route the three wires to the wiper switch and cut to length. Install terminal D onto the wires and insert into connector E.
- 1975-77** Plug connector C into the disconnect on the main dash harness (number 12 shown above). Route the three wires to the wiper switch and cut to length. Install terminal D onto the wires and insert into connector F. Insert the loose black (GROUND) and gray (DASH LIGHTS) wires into connector C. Route the black wire (GROUND) to the switch and cut to length, double the cut off portion in terminal G and insert into connector F. Route the other end of the black wire (GROUND) to the wiper switch lamp and cut to length, install terminal H. Route the gray wire (DASH LIGHTS) to the wiper switch lamp and cut to length, install terminal H, then insert both the gray and black wires into lamp socket J.
- 1978-82** Plug connector C into the disconnect on the main dash harness (number 12 shown above). Insert the loose black (GROUND), gray (DASH LIGHTS), and black / lt. blue wires into connector C. Route the six wires to the wiper switch and cut to length. Install terminal K onto the wires and insert into an ORIGINAL CONNECTOR, we are unable to provide this connector in this kit.

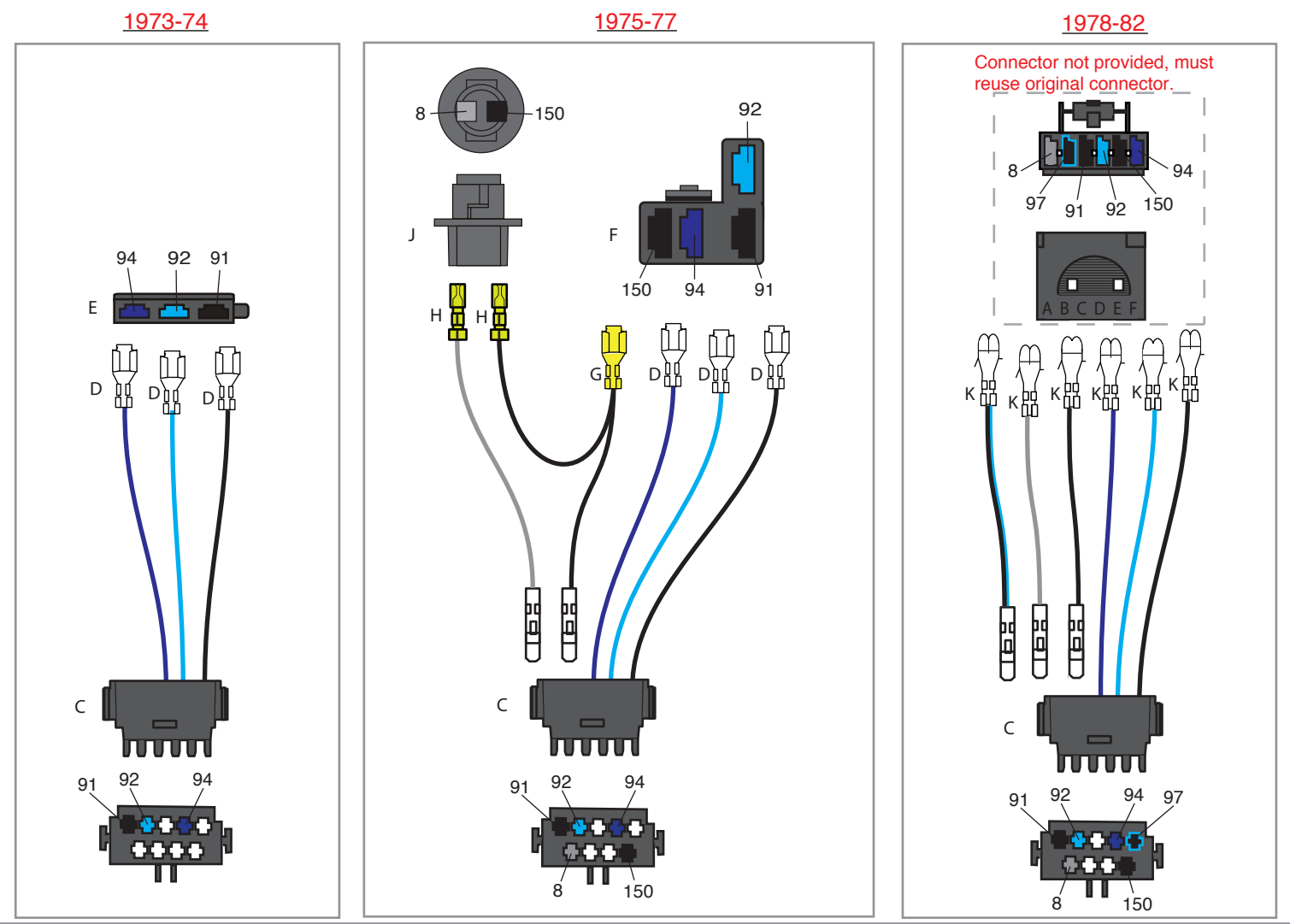
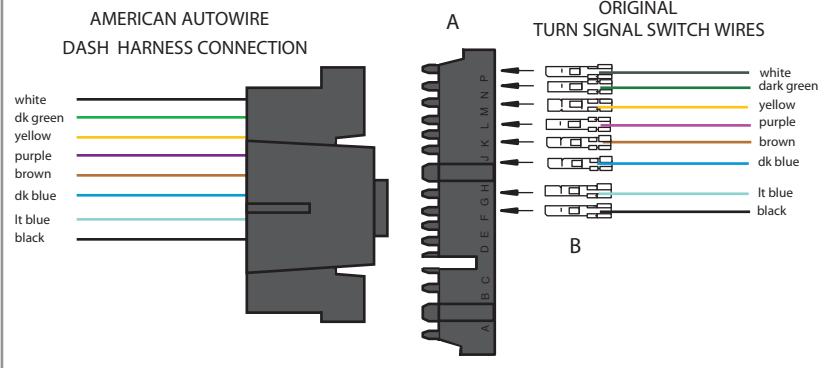
WIPER SWITCH CIRCUIT NUMBERS AND DESCRIPTIONS

Color	Circuit number	Description
Black	91	Low speed ground
Light Blue	92	High speed ground
Dark Blue	94	Washer ground
Gray	8	Dash lights 12 volt
Black / Lt. Blue	97	Wiper Park ground
Black (GROUND)	150	Switch ground / lamp ground

DIAGRAM - A 1973-82 Steering Column connections

The main dash harness comes with a 4-1/4" GM turn signal switch connector found on 1977 and later trucks (number 2 shown above). For steering columns that already have a 4-1/4" connector you can simply connect the column connector to the dash connector making sure color continuity is maintained.

If you need to change the steering column connector you can either remove the terminals from the original connector and insert them into the supplied column connector A. Or you can cut the wires and install the supplied terminal B and then insert into connector A.



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