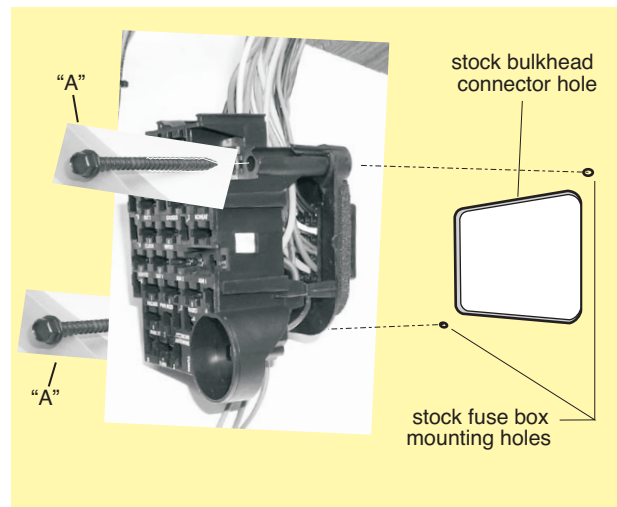


INSTALLING THE FUSE BOX

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

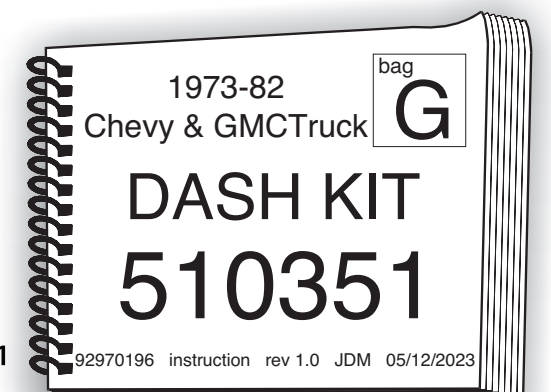
Following these simple instructions will guarantee a successful installation of your American Autowire fuse panel harness.

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 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).

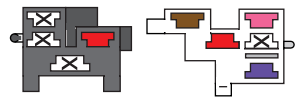


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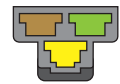
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1 IGNITION SWITCH



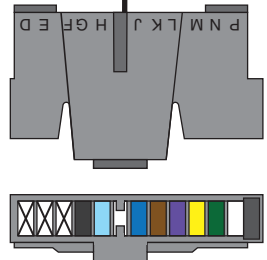
3 FLOOR DIMMER SWITCH



5 BACK UP SWITCH



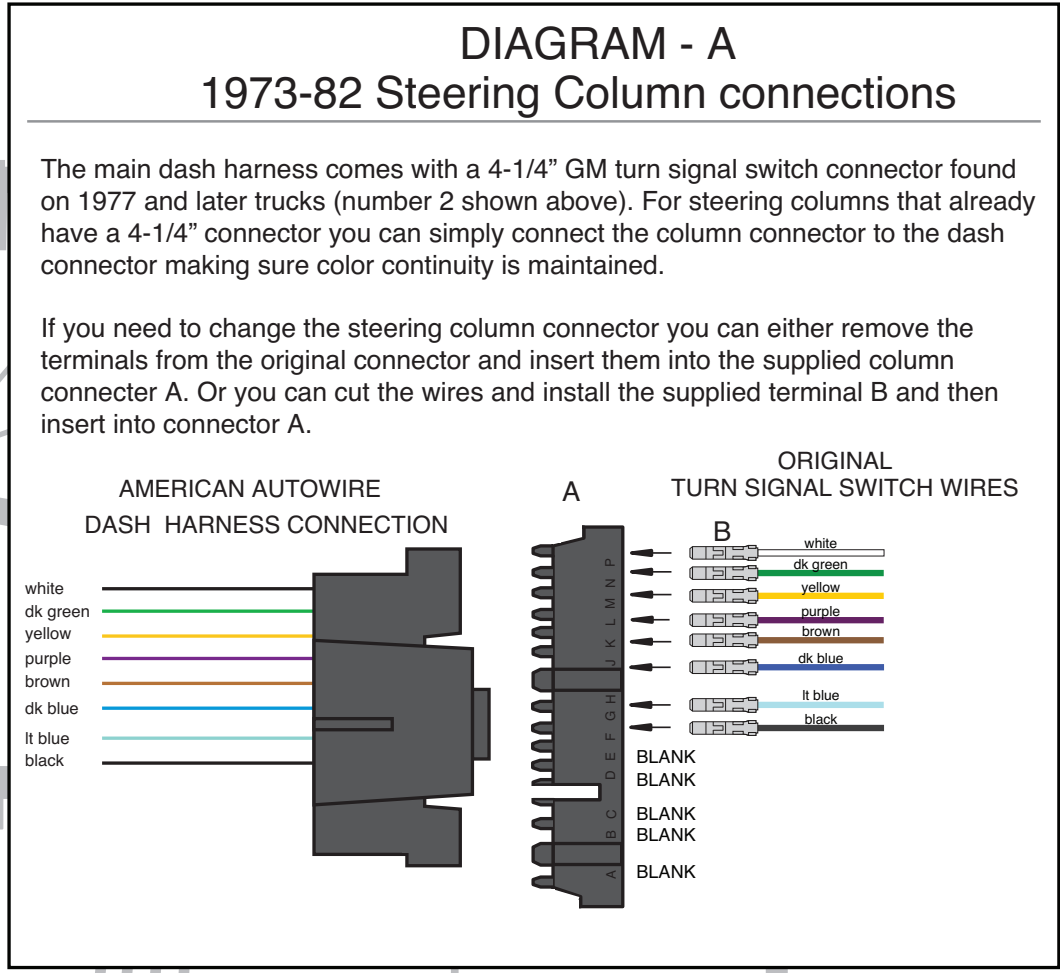
2 TURN SIGNAL SWITCH



4 NEUTRAL SAFETY SWITCH



6 HORN RELAY



1.	IGNITION SWITCH	Red Pink Brown Purple	12 volt battery feed 12 volt ignition feed 12 volt accessory feed 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, 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 this sheet 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 500707 fuse bag) into this connector.
		Red 12 volt battery
		Black Relay ground circuit (to steering column)
		Green Triggered 12 volts to horn

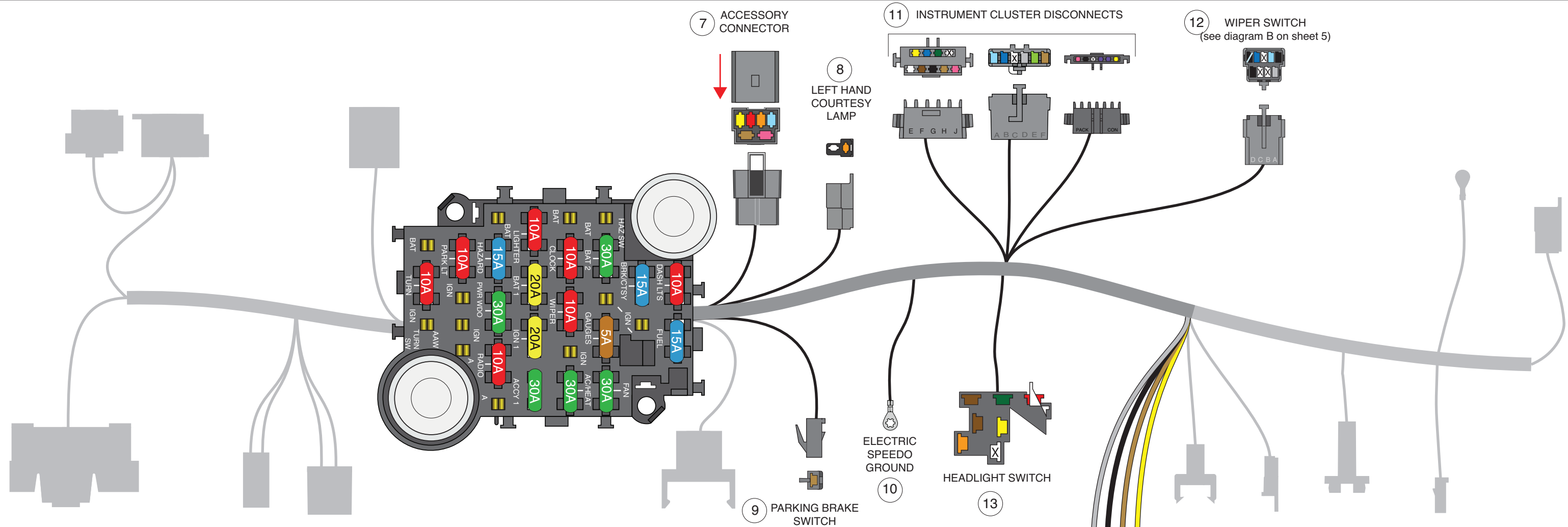


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Dash Kit
510351

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7. ACCESSORY CONNECTOR
 Use connector J and included terminals D for wires to be added to the in-dash accessory connector pigtail. The mating connector for these circuits will be pre-inserted into the dash pigtail, and terminals can be located in the dash loose piece kit along with the fuse panel mounting hardware.
NOTE: Not all installations will require use of these connections. It was added to your kit as a convenient source for 12 volt power.
- | | Fuse | Rating | |
|-----------|--------|--------|---|
| 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, 510356. Wire identifications are described on the instruction sheets from bag H, 510356.
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
 Orange 12 volt feed in to park/tail
 Brown Park lamp feed out
 Yellow Dimmer feed
 Dk Green 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 LAMP OUT location on headlight switch.
 DIMMER FEED location on headlight switch.
 INSTRUMENT LAMP location on headlight switch.
 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)

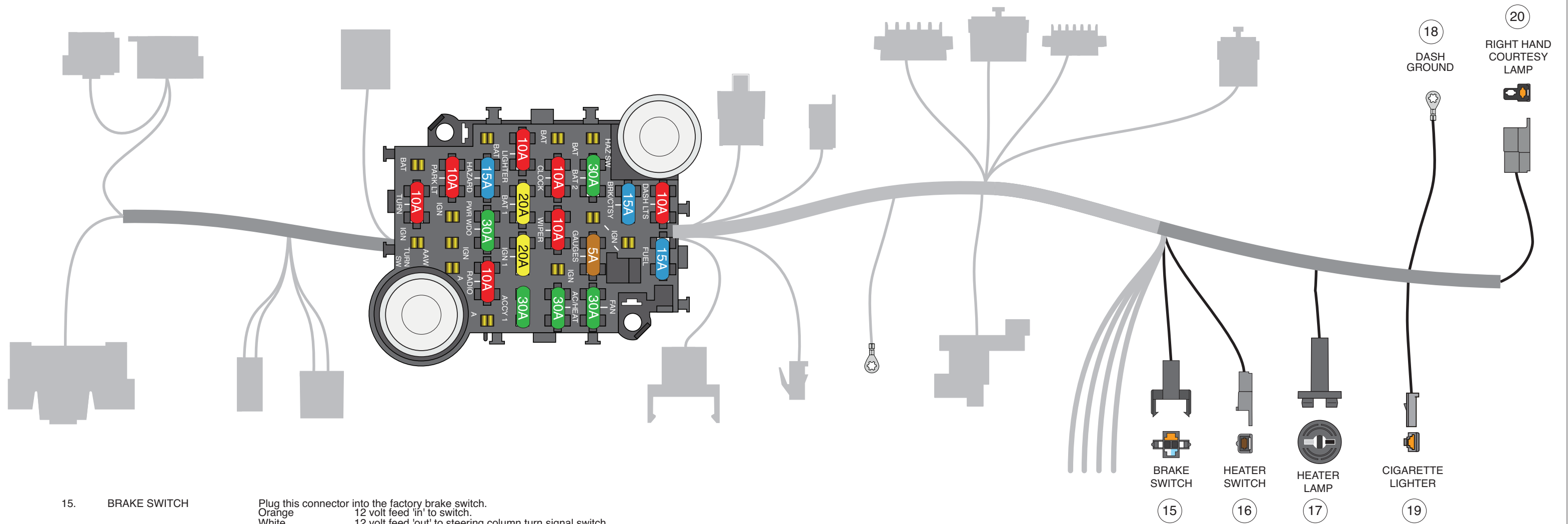


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1973 - 82 Chevy and GMC Truck

Dash Kit
510351

92970196 Rev 1.0 JDM 05/12/2023



- | | | |
|-----|-------------------|---|
| 15. | BRAKE SWITCH | Plug this connector into the factory brake switch.
Orange 12 volt feed 'in' to switch.
White 12 volt feed 'out' to steering column turn signal switch.
Lt Blue 12 volt feed 'out' to third brake light. |
| 16. | HEATER SWITCH | 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).
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.) |
| 17. | HEATER LAMP | Gray Correct lamp socket for factory heater lamp is on the harness, plug this into the original location.
Black Lamp ground. |
| 18. | GROUND | Black Connect to a good chassis ground. |
| 19. | CIGARETTE LIGHTER | Orange Connect to lighter. (battery feed) |
| 20. | RH 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 |



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1973 - 82 Chevy and GMC Truck
Dash Kit
510351

92970196 Rev 1.0 JDM 05/12/2023

12 WIPER SWITCH

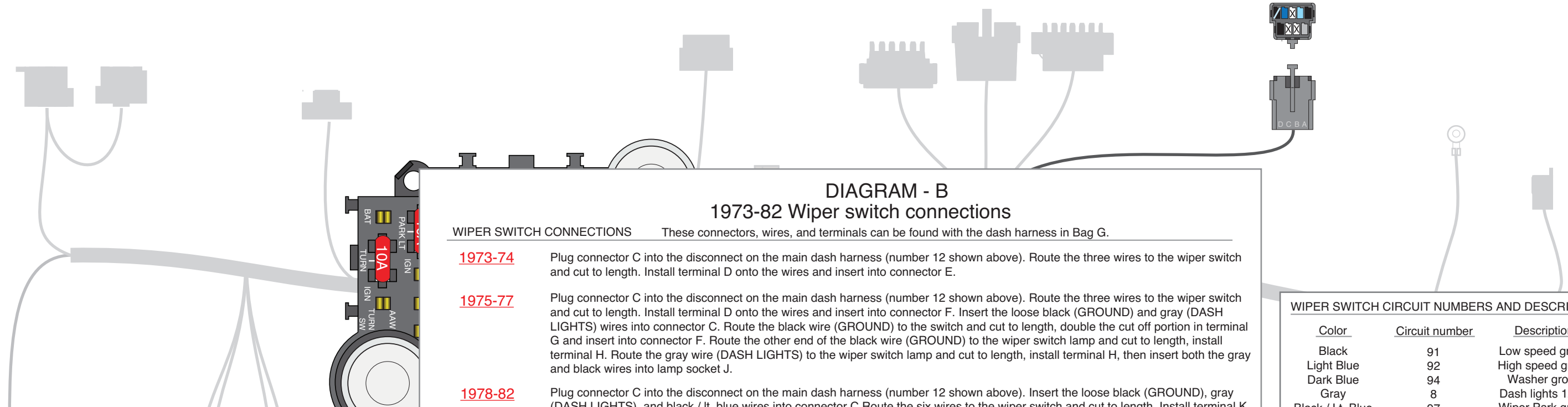


DIAGRAM - B 1973-82 Wiper switch connections

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

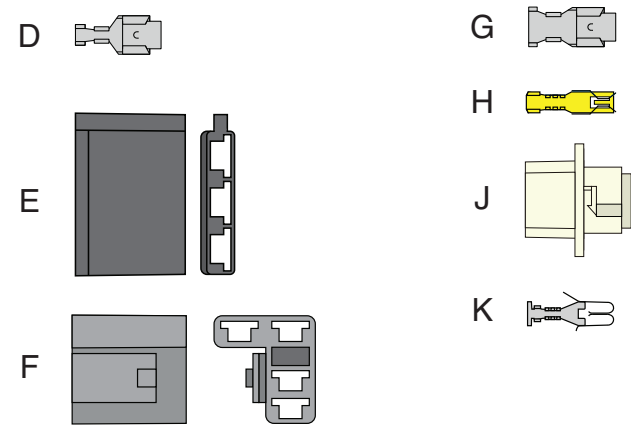
- 1973-74** Plug connector C into the disconnect on the main dash harness (number 12 shown above). Route the three wires to the wiper switch and cut to length. Install terminal D onto the wires and insert into connector E.
- 1975-77** Plug connector C into the disconnect on the main dash harness (number 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

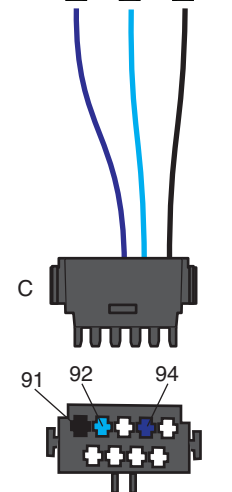
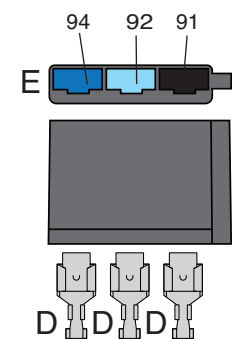
Listed below are the terminals and connectors necessary to make the connections to the wiper switch. These components can be found in the loose piece kit included in the bag with the dash harness.
Use the charts to the right to match the application of the vehicle.

NOTE: The wiper switch connector for 1978-1982 vehicles is no longer available, and you will need to re-use the original.



1973-74

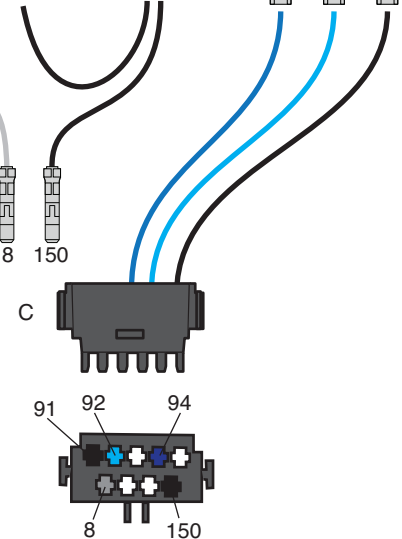
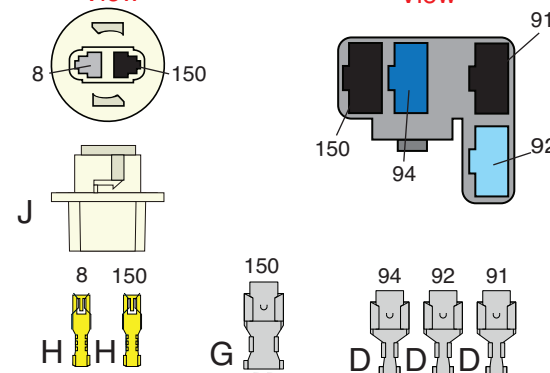
Wire Entry View



Connector Entry View

1975-77

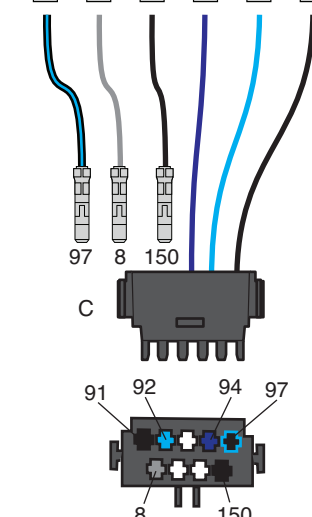
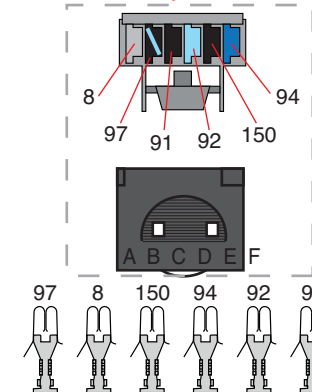
Wire Entry View



Connector Entry View

1978-82

This connector not provided. Must re-use original connector. Wire Entry View shown



Connector Entry View



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510351

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