

DIMMER SWITCH sheet 2



The above picture shows the orientation for 72 Chevelle wiper hook-up only. All other applications can only be plugged in one way.

Fuse Panel Installation Instructions

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

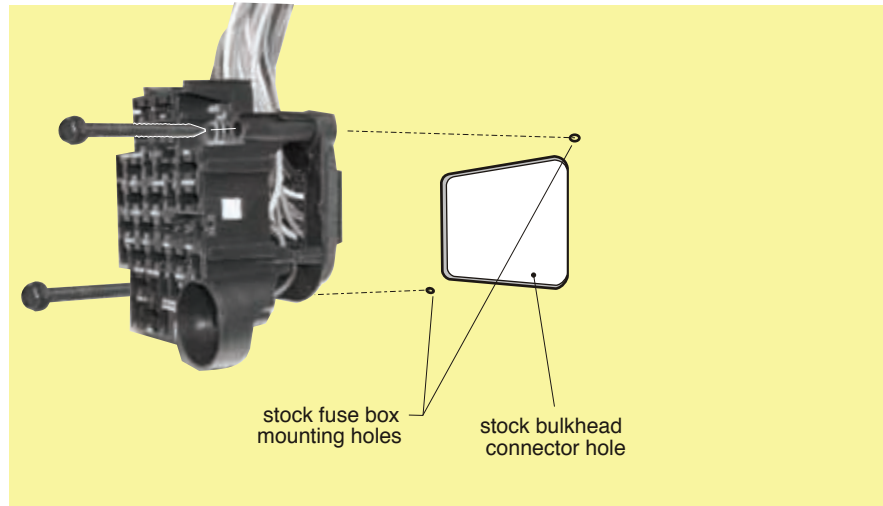
1. Study the diagram above to familiarize yourself with the dash harness.
2. Install the fuse box.
3. Route the dash harness using the factory support straps.
4. Make all connections as shown on the following pages of this dash harness kit.
5. Once this harness is installed, continue to bag 'H', and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



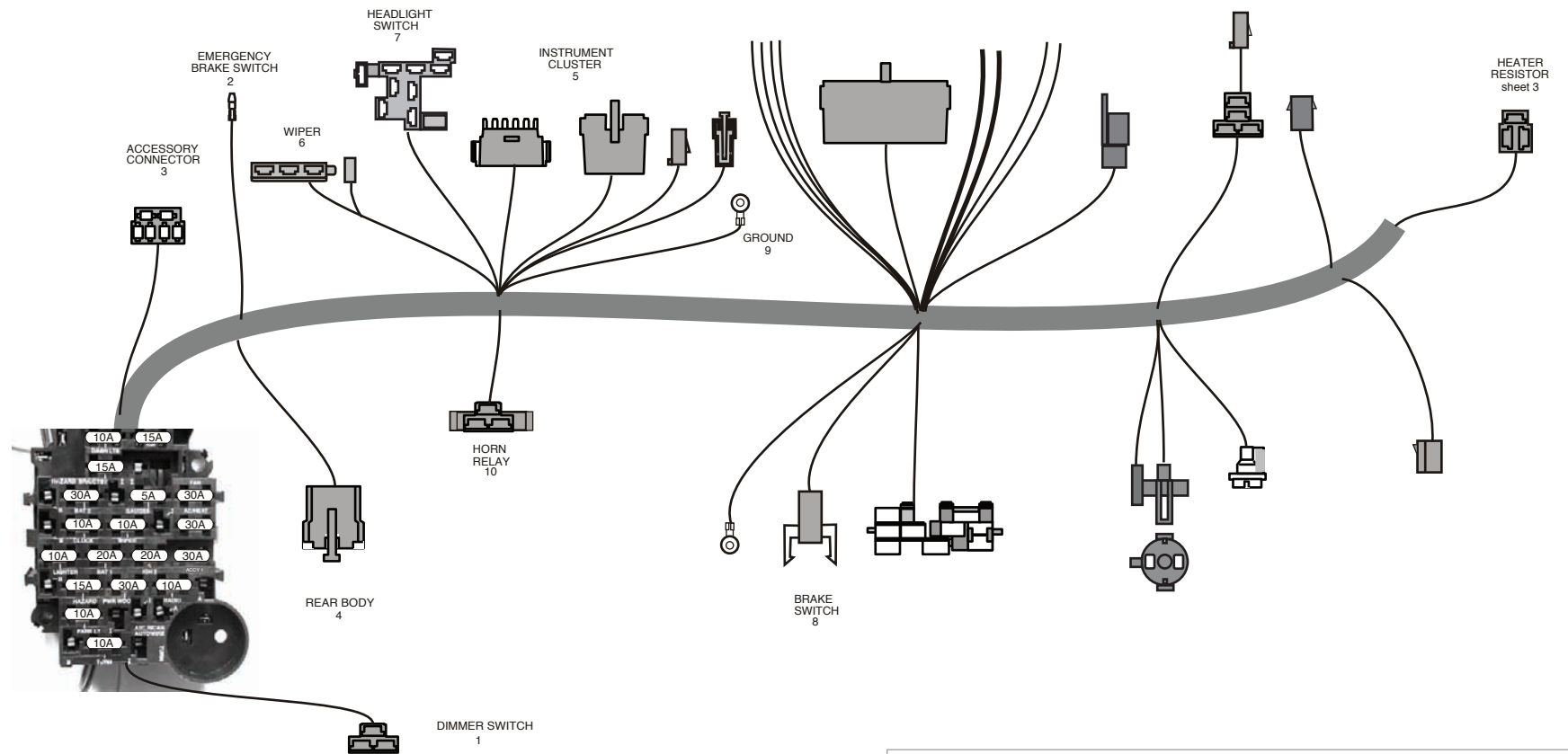
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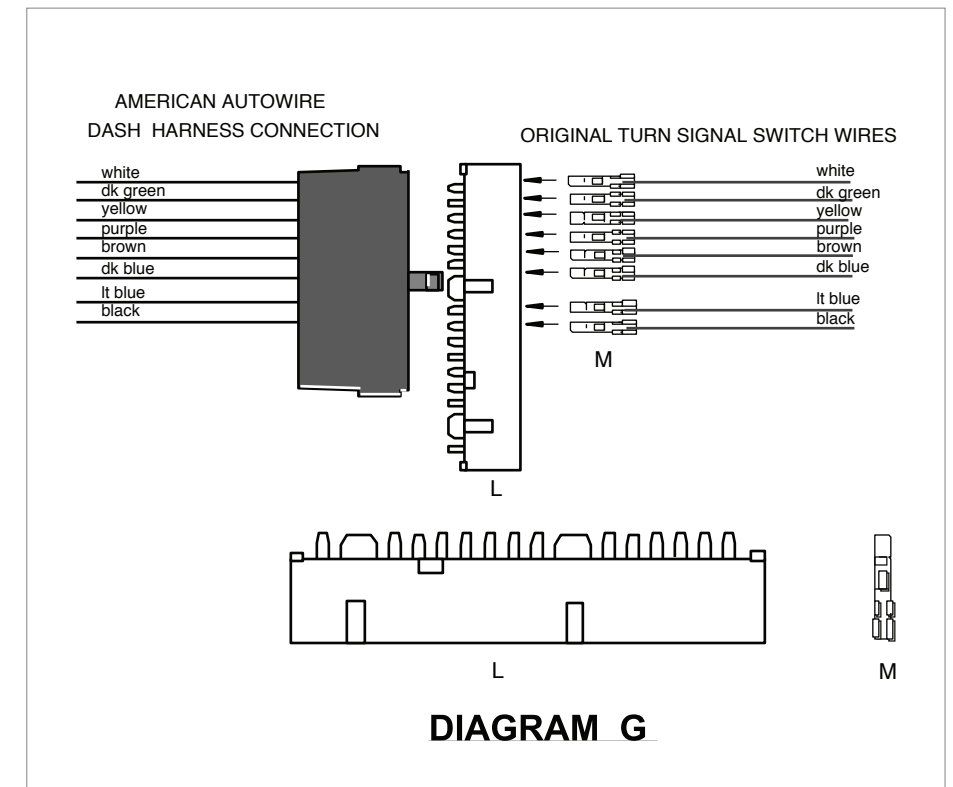
INSTALLING THE FUSE BOX



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.



1	DIMMER SWITCH	Light Green Light Green Tan Yellow	Thin wire is feed to high beam indicator light in instrument cluster Heavy wire is headlight high beam feed wire. Headlight low beam feed wire. Headlight power feed wire from headlight switch.
2	EMERGENCY BRAKE	Tan	Connect to the emergency brake switch. This is the ground circuit for the brake switch light.
3	ACCESSORIES		Use the provided connector J and terminals as power leads for the following:
		Fuse	Rating
		Tan	FUEL 10 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 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)
		Pink	PWRWDO 30 amp Fused 12 volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit)
		Dk Blue	ACCY1 30 amp Fused 12 volt ACCESSORY feed (may also be used to feed power to an accessory circuit)
4	REAR BODY		This connector will mate to the connector from the Rear Body harness found in bag L.
		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 light
5	INSTRUMENT CLUSTER DISCONNECTS		These connectors will plug into the gauge disconnect harness 510112, bag H. Wire identifications are described on the Instruction sheets in bag H.
6	WIPER	Black Black Dk Blue Lt Blue	Ground for switch assy. (single connector used in 72 Chevelle only) Ground circuit for low speed. (in 3 way connector) Ground circuit for washer. (in 3 way connector) Ground circuit for hi speed. (in 3 way connector)
7	HEADLIGHT SWITCH	Red Orange Brown Yellow Dk Green White Black	12 volt feed to switch 12 volt lead in to Park/tail Park lamp feed out Dimmer feed Instrument lamp feed Dome / courtesy ground Switch body 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. COURTESY GROUND location on headlight switch. GROUND for switch assembly
8	BRAKE SWITCH	Orange White Lt Blue Black	Plug this connector into the factory stop lamp switch. 12 volt feed 'in' to switch. 12 volt brake feed 'out' to steering column turn signal switch. 12 volt brake feed 'out' to third brake light. Connect to a good chassis ground.
9	GROUND	Black	Plug the horn relay (found in the fuse bag) into this connector.
10	HORN RELAY	Red Black Green	12 volt battery Relay ground circuit (to steering column) Triggered 12 volts to horn



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1970-72 Chevelle
DASH KIT
510107

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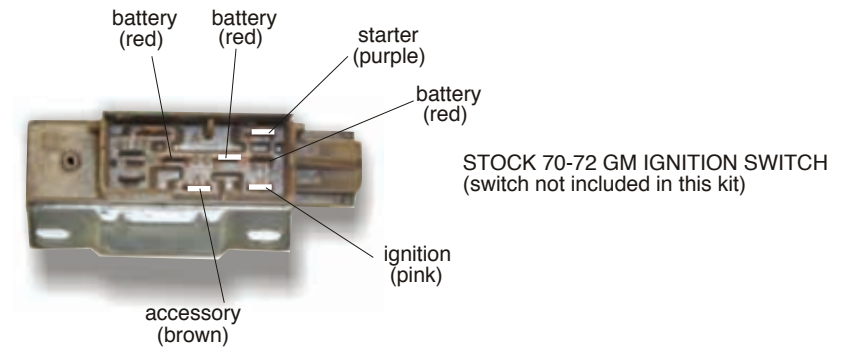
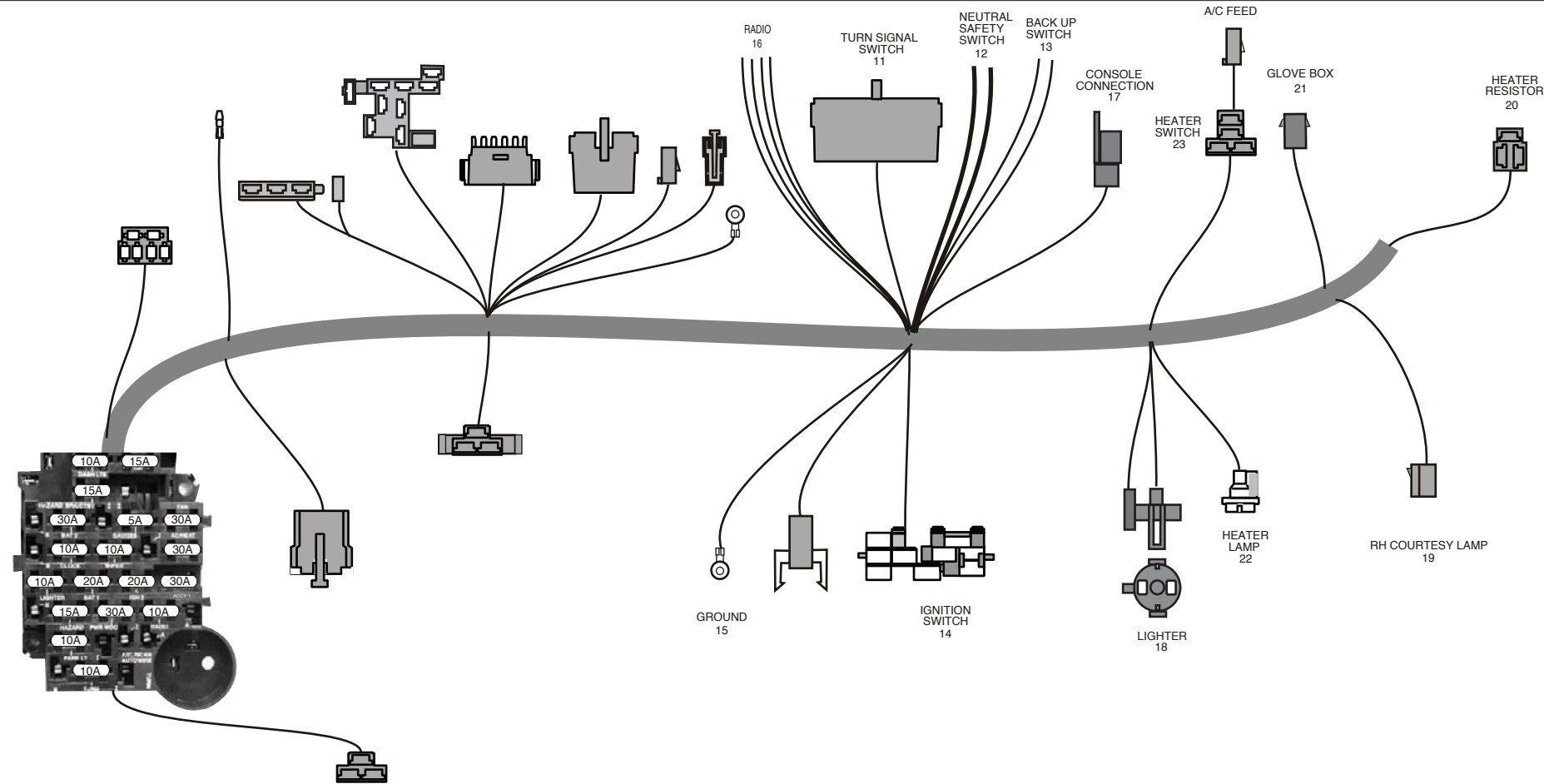


DIAGRAM H

11	TURN SIGNAL SWITCH	White Dark Green Yellow Purple Brown Dark Blue Light Blue Black	This harness has a connector on it for the 3 7/8 in. 1969-74 GM steering column connection used by GM and many after-market manufacturers. If using a late model GM steering column or an aftermarket column using the 4 1/4 in. GM turn signal connector, replace existing connector with connector "L" being sure to match wires by color. (See Diagram G on sheet 2 if needed)
12	NEUTRAL SAFETY SWITCH	Purple Purple	12 volt feed from brake switch RH tail lamp LH tail lamp 12 volt feed from turn flasher 12 volt feed from hazard flasher RH front park lamp LH front park lamp Horn relay ground wire to horn switch Connect these wires to the neutral safety switch on the column or console shifter.
13	BACK UP SWITCH	Pink Lt Green	12 volt feed 'in' to neutral safety switch from ignition switch. 12 volt feed 'out' to starter solenoid. Connect these wires to the back up switch on the column or console shifter.
14	IGNITION SWITCH	Red Pink Brown Purple Black	12 volt ignition feed 'in' to back up lamp switch 12 volt feed 'out' to back up lamps Note: Connectors are already plugged in if you are using a stock 1970-72 ignition switch as shown in Diagram H.
15	GROUND	Red Pink Brown Purple Black	12 volt battery feed 12 volt ignition feed 12 volt accessory feed Starter lead wire to Neutral Safety Switch Connect to a good chassis ground.
16	RADIO	Tan Yellow	Radio accessory feed. (Power wire for stock radio). Black wire for radio ground. Gray wire for radio lamp. Radio constant 12 volt clock or memory lead (battery feed)
17	CONSOLE CONNECTION		These wires are for use on a console vehicle. For wire functions, refer to bag K, 510112.
18	LIGHTER	Orange	Connect to lighter. (battery and ground feeds)
19	RH COURTESY LAMP	Orange White	Plug this connector into the mating connector from the courtesy lamp kit bag N, 500708. 12 volt battery feed fo lamp Ground circuit for lamp
20	HEATER RESISTOR		Plug this connector into the factory heater resistor located on top of the heater box on most A/C cars.
21	GLOVE BOX LIGHT	Orange	Connect to the original factory glove box lamp switch. If not using, just unplug and tape back.
22	HEATER LAMP	Gray	Heater lamp
23	HEATER SWITCH	Brown	Plug this connector into the factory heater switch. 12 volt accessory feed to heater / ac switch (if using aftermarket a/c, use the short brown wire as the accessory feed wire to a/c harness. If a new factory A/C harness is needed, please contact our Sales Department for the proper application for your car)
		Yellow Lt Blue Orange	Heater resistor Heater resistor Heater resistor



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