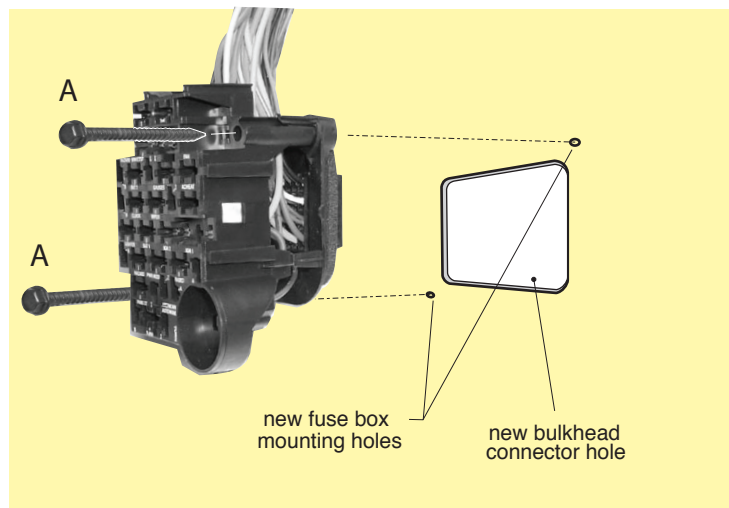


INSTALLING THE FUSE BOX



Fuse Panel Installation Instructions

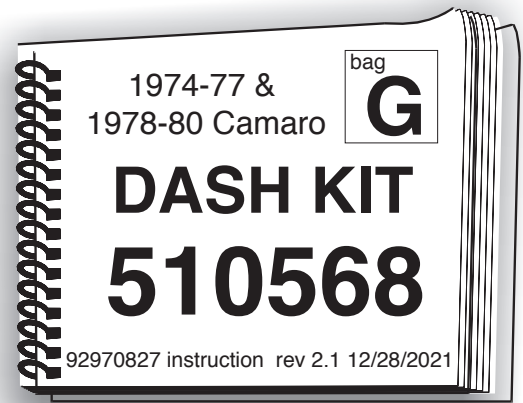
Following these simple instructions will guarantee a successful installation of your American Autowire fuse panel harness.

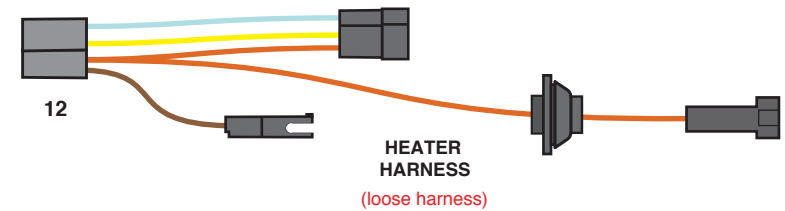
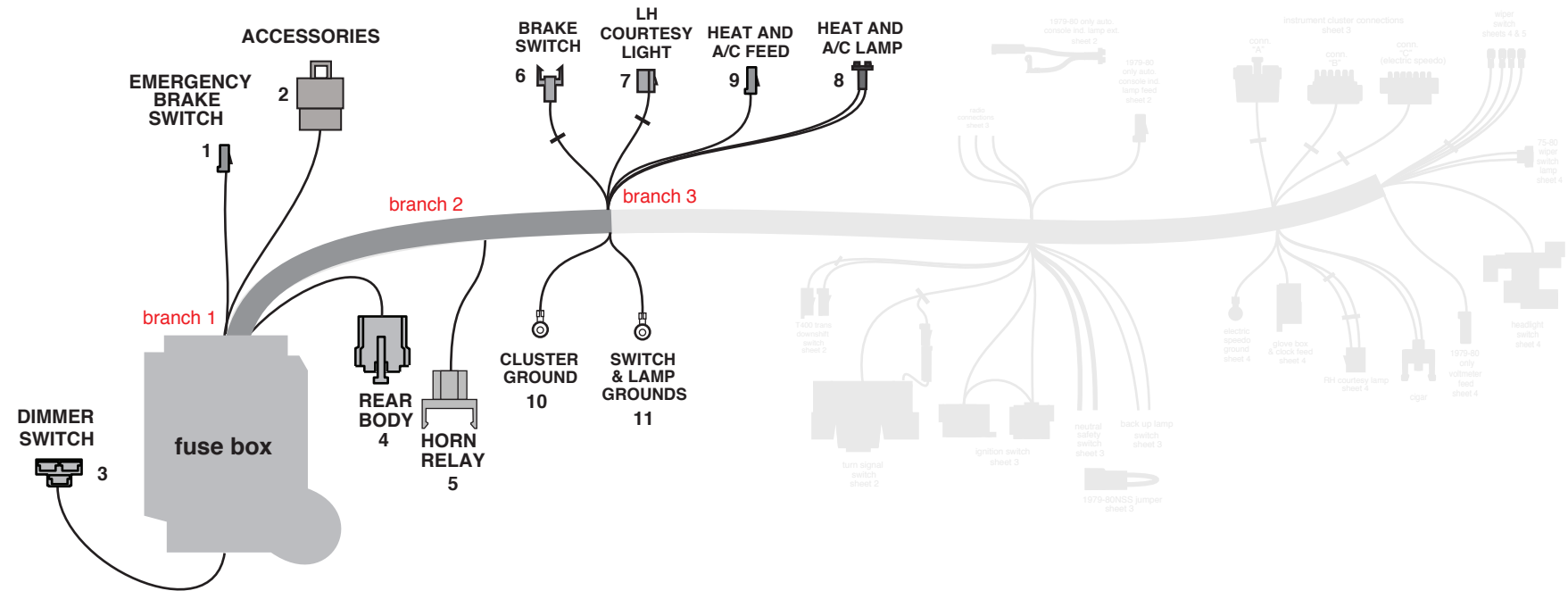
1. Study the diagram above to familiarize yourself with the dash harness.
2. Install the fuse box.
3. Route the dash harness using the factory support straps.
4. Make all connections as shown on the following pages of this dash harness kit.
5. Once this harness is installed, continue to bag 'H', and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

1. Locate the new bulkhead pass thru hole in the driver side of the firewall (no modifications to the stock hole are necessary).
2. Mount the fuse box with the flasher can in the bottom right corner, as shown above.
3. Using the two mounting screws A (found in the loose piece dash bag kit 92970828), attach the fuse panel to the firewall.



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BRANCH 1

- 1 EMERGENCY BRAKE
- 2 ACCESSORIES
- 3 DIMMER SWITCH
- 4 REAR BODY

- Tan
- Dark Blue
- Orange
- Red
- Pink
- Yellow
- Tan
- Yellow
- Light Green
- Tan

Connect to the emergency brake switch. This is the switched ground circuit for the brake warning lamp 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:

Fuse	Rating	Description
FUEL	15 amp	Fused 12-volt IGNITION feed for fuel pump (may also be used to feed power to another ignition circuit).
BAT1	20 amp	Fused 12-volt BATTERY feed for power seats (may also be used to feed power to another battery circuit).
BAT2	30 amp	Fused 12-volt BATTERY feed for power door locks (may also be used to feed power to another accessory circuit).
IGN1	20 amp	Fused 12-volt IGNITION feed for cruise control (may also be used to feed power to another ignition circuit).
PWRWDO	30 amp	Fused 12-volt IGNITION feed for power windows (may also be used to feed power to another ignition circuit).
ACCY1	30 amp	Fused 12-volt ACCESSORY feed (may also be used to feed power to an accessory circuit).

- 5 HORN RELAY
- 6 BRAKE LIGHT SWITCH
- 7 LH COURTESY LAMP
- 8 HEATER CONTROL LAMP
- 9 HEATER AND A/C FEED
- 10 INSTR. CLUSTER GROUND
- 11 SWITCH & LAMP GROUNDS

- Yellow
- Light Green
- Tan
- Tan
- Brown
- Yellow
- Dark Green
- Orange
- White
- Light Green
- Light Blue
- Orange
- White
- Gray
- Black
- Brown
- Black
- Black
- Black

This connector will mate to the floor mounted dimmer switch (500042).
 12-volt feed into dimmer switch from H/L switch.
 12-volt feed out to high beam H/L.
 12-volt feed out to low beam H/L.

This connector will mate with the connector from the Rear Body harness 510365, bag M.
 Fuel tank sender lead.
 Rear running lamp and tag lamp feed.
 LH turn / brake feed.
 RH turn / brake feed.
 Dome / courtesy lamp feed.
 Dome / courtesy lamp ground.
 Back up lamp feed.
 Third brake light.

BRANCH 2

- 5 HORN RELAY

- Red
- Black
- Dark Green

Plug the horn relay (found in the fuse, relay, and flasher bag, 500707) into this connector.
 12-volt battery for relay.
 Relay ground circuit (from steering column).
 Triggered 12-volts out to horn.

BRANCH 3

- 6 BRAKE LIGHT SWITCH
- 7 LH COURTESY LAMP
- 8 HEATER CONTROL LAMP
- 9 HEATER AND A/C FEED
- 10 INSTR. CLUSTER GROUND
- 11 SWITCH & LAMP GROUNDS

- Orange
- White
- Light Blue
- Orange
- White
- NOTE: This new lamp socket uses a #194 bulb.
- Gray
- Black
- Brown
- Black
- Black
- Black

Plug this connector onto your factory stop lamp switch.
 12-volt fused battery feed to stop lamp switch.
 12-volt out to turn signal switch.
 12-volt out to third brake lamp.

Plug this connector into the mating LH courtesy lamp assembly from 500708, bag N.
 12-volt battery fused feed.
 Courtesy lamp switched ground.

NOTE: This new lamp socket uses a #194 bulb.
 Fused dash lamp bulb socket assembly for heater control assembly.
 Ground for dash lamp bulb socket assembly for heater control assembly.

This is your fused 12-volt accessory feed for your heat and A/C system. Plug this connector onto the stock heater switch, into the factory A/C harness, or use it as the "key-on" feed wire for any aftermarket heat or A/C system.

Connect to the dash frame, steering column pedal saddle, or any other good known chassis ground. (DO NOT attach this together with item #22 from sheet 3. They may be grounded to the same surface or area, just not under the same screw or bolt).

Cluster and dash lamp grounds.

Connect to the dash frame, steering column pedal saddle, or any other good known chassis ground. (DO NOT attach this together with item #22 from sheet 3. They may be grounded to the same surface or area, just not under the same screw or bolt).

Cluster and dash lamp grounds.

LOOSE HARNESS

- 12 HEATER HARNESS

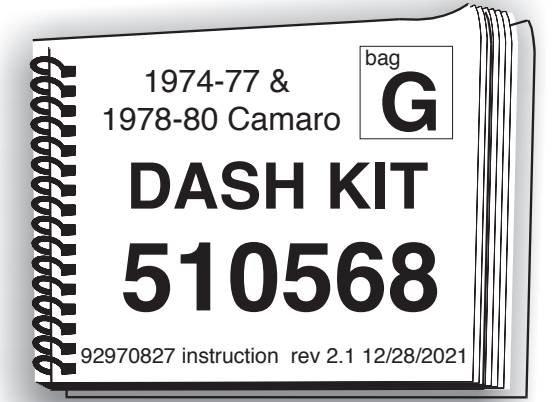
- White
- Red
- Black

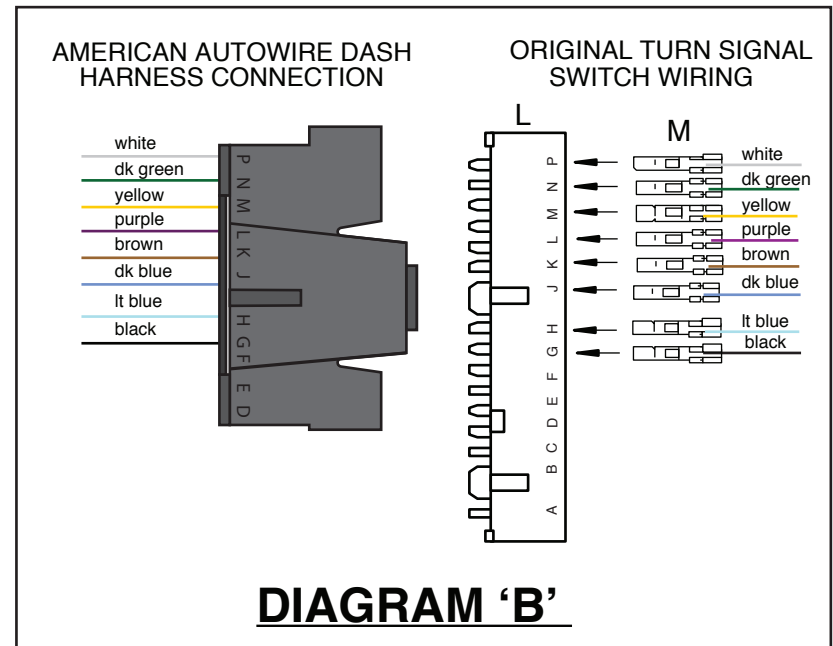
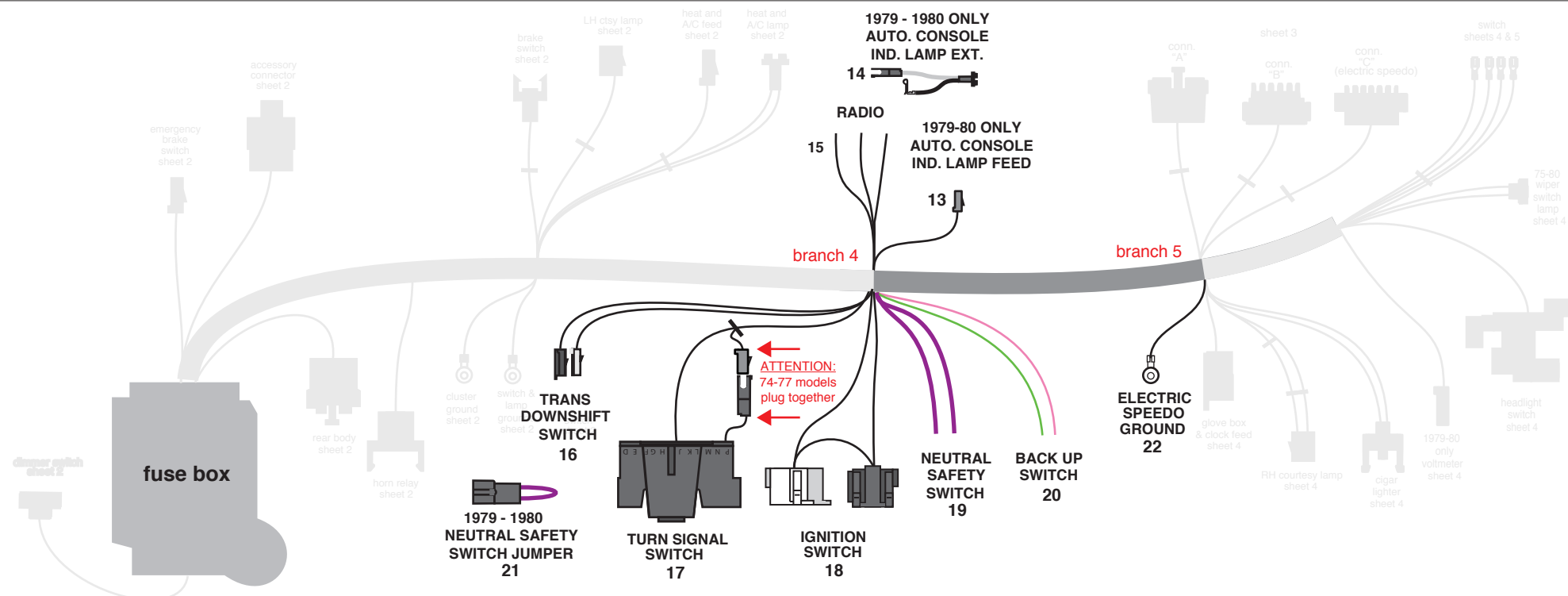
NOTE: This harness is ONLY used on vehicles with a stock heater only set-up. It will not be used on a vehicle with factory A/C or any type of aftermarket heat or A/C system. Connect this completed harness assembly to item #9, brown "HEATER AND A/C FEED", from above, then plug it onto your stock heater control switch, resistor, and blower motor assembly to complete the heater circuits.

From heater switch to resistor.
 From heater switch to resistor.
 From heater switch to resistor and blower motor.



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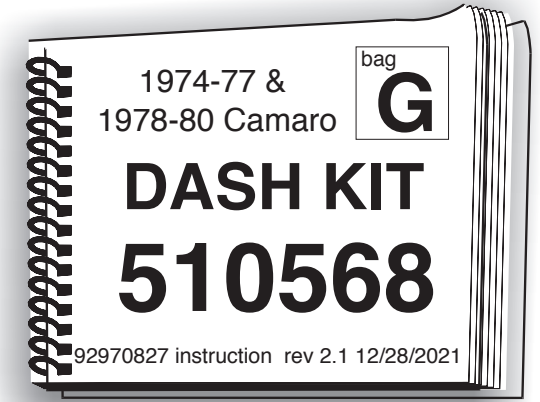


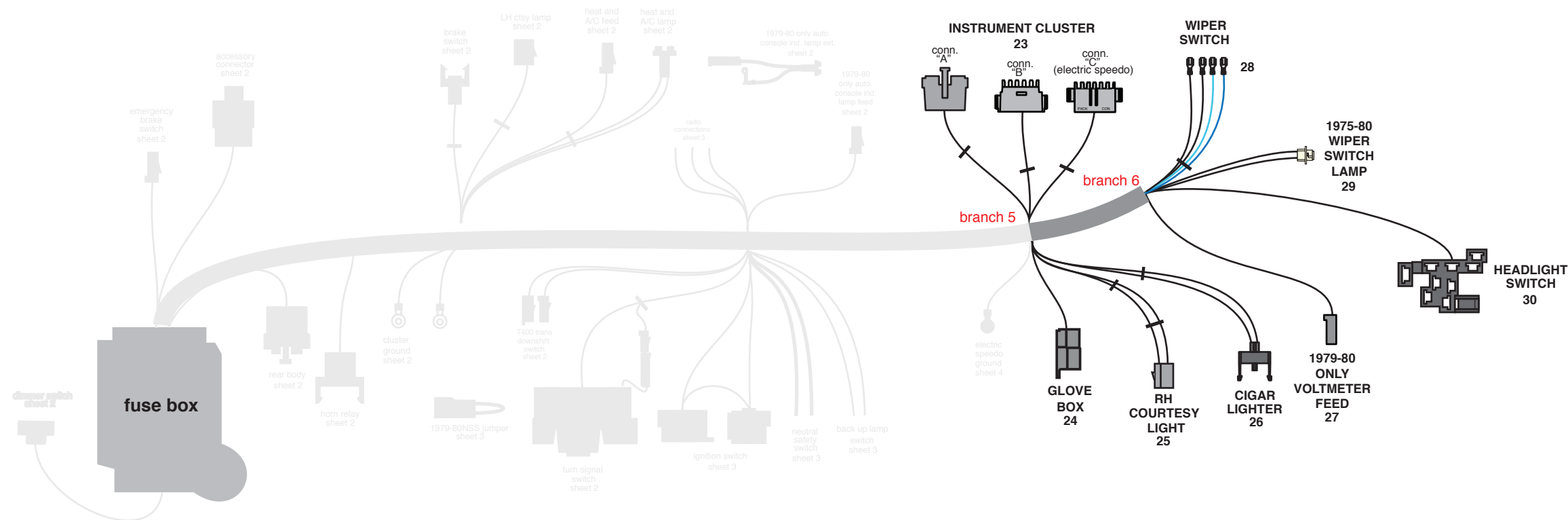


BRANCH 4		
13	79-80 CONSOLE IND LAMP FEED	Gray Fused dash lamp feed to 79-80 automatic console indicator lamp, and out to radio lamp and wiper lamp.
LOOSE HARNESS		
14	79-80 CONSOLE IND LAMP EXT.	Gray Black Plug this loose piece extension into item #13, gray "79-80 CONSOLE IND LAMP FEED", from above, then clip the black wire to the sheet metal console bracket on the floor to complete the lamp circuit. (Uses a 194 bulb). Fused dash lamp bulb socket assembly for 79-80 automatic console indicator lamp. Ground for dash lamp bulb socket assembly for 79-80 automatic console indicator lamp.
15	RADIO	Tan Yellow Gray 12-volt fused accessory power feed to radio ("ON" and "OFF"). 12-volt fused battery feed for clock and memory (hot all the time). Fused dash lamp feed for dial face illumination on a stock radio.
16	T400 DOWNSHIFT SWITCH	Pink/Black Orange See sheet 5 for a detailed photo depicting how these two connectors install onto your switch. 12-volt ignition feed into gas pedal mounted automatic transmission kickdown switch. 12-volt feed out to bulkhead connector.
17	TURN SIGNAL SWITCH	NOTE: You will notice that there are two white wires with plugs on them at this location. If your car is a 1978-80 model, you need to do nothing further (DO NOT PLUG THESE WIRES TOGETHER). If your car is a 1974-77 model, you MUST PLUG THESE WIRES TOGETHER in order for your brake lights to function. The connector on this harness will mate directly to the 4 1/4" turn signal switch used by GM and many other aftermarket steering column manufacturers. It will plug directly into all 1977-80 Camaro models using a stock turn signal switch as well. If you are using a stock 1974-76 column and turn signal switch, mating connector L has been provided for you. Remove the terminals from your original 3 7/8" connector, or cut the connector off, and crimp terminals M onto the wires from your switch. Next, plug those terminals into connector L as shown above right in "Diagram B". Plug the completed connector L onto the AAW dash harness to complete the turn signal switch circuits. White 12-volt feed from brake switch. 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.
18	IGNITION SWITCH	These connectors will plug directly onto your stock steering column mounted ignition switch just as the OE connectors did. If you are using an aftermarket column that does not utilize an original GM styled switch, see the wire function information below, and use that, along with information from your ignition switch instructions to make the proper connections. See sheet 5 for a detailed photo depicting how these two connectors install onto your switch. Red 12-volt battery feed into the ignition switch. Pink 12-volt ignition feed out to the fuse panel. Brown 12-volt accessory feed out to the fuse panel. Purple 12-volt starter feed out to Neutral Safety Switch. Tan Bulb check ground for brake warning lamp.
19	NEUTRAL SAFETY SWITCH	Connect these wires to your clutch operated or column mounted neutral safety switch to complete the NSS circuit in your dash harness. If you are using a stock NSS, you have been provided the proper connector and terminals to make this connection in the Loose Piece Dash Kit bag, 92970828. Purple 12-volt feed in from ignition switch (NSS). Purple Switched 12-volt feed out to starter solenoid (STARTER SOL).
20	BACK UP LAMP SWITCH	Connect these wires to your column mounted back up lamp switch to complete the back up lamp circuit in your dash harness. If you are using a stock Back Up Switch, you have been provided the proper connector and terminals to make this connection in the Loose Piece Dash Kit bag, 92970828. Light Green 12-volt feed out to back up lamps. Pink 12-volt ignition feed into back up lamp switch.
LOOSE HARNESS		
21	NSS JUMPER	The 1979 - 1980 cars did not use an electrical NSS. Instead, they used a mechanical lock in the column that would only allow the key to be rotated when the car was in Park or Neutral positions. If you are using a stock 1979 - 1980 steering column, terminate the two purple wires from #19 above using the connector and terminals provided in the Loose Piece Dash Kit, 92970828, and then plug this loose piece harness jumper onto that connection to complete neutral safety circuit in your dash harness. Purple 12-volt feed in from ignition switch.
BRANCH 5		
22	ELECTRIC SPEEDO GROUND	Black/White Connect to the dash frame, steering column pedal saddle, or any other good known chassis ground. (DO NOT attach this together with items #10 & 11 from sheet 2. They may be grounded to the same surface or area, just not under the same screw or bolt). Electric speedo ground.



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BRANCH 5

- 23 INSTRUMENT CLUSTER DISCONNECTS
- 24 GLOVEBOX LAMP
- 25 RH COURTESY LAMP
- 26 CIGAR LIGHTER FEED

NOTE: These connectors will plug into the Instrument Cluster Harness, 510569, bag H. Circuit identifications for this branch are described on those instruction sheets.

NOTE: Your stock glovebox switch harness and clock harness assemblies will plug in here. We have not included the actual glovebox lamp switch assembly, as they are different between A/C and Non-A/C cars. The switch assembly for the A/C cars is not available new, and must be re-used. If you require a new switch and harness assembly for your non-A/C car, it can be purchased separately as part number 36134 direct from AAW or your favorite AAW dealer. If your car is equipped with a factory electric clock, and you require a new harness assembly for your car, it may be purchased separately as part number CA01548 for the 1974-79 applications, or part number CA05717 for the 1980 application, direct from AAW or your favorite AAW dealer

- Orange 12-volt fused battery feed for glovebox lamp and clock.
- Black Ground for glovebox lamp and clock.
- Orange Plug this connector into the mating RH courtesy lamp assembly from 500708, bag N.
- White 12-volt battery fused feed.
- White Courtesy lamp switched ground.
- Orange Fused 12-volt battery feed for cigar lighter.
- Black Ground for cigar lighter.

BRANCH 6

- 27 79-80 VOLTMETER FEED
- 28 WIPER SWITCH
- 29 75-80 WIPER SWITCH LAMP
- 30 HEADLIGHT SWITCH

Fused 12-volt ignition feed for the 1979 and 80 cars equipped with a factory installed voltmeter in the stock dash.

There are three different wiper switch configurations that were used between 1974 and 1980. See sheet 5 for detailed photos depicting the proper connections for the 1974, 1975-78, and 1979-80 applications. The connectors necessary to complete your particular application can be found in the Loose Piece Dash Kit bag, 92970828.

- Light Blue Wiper motor high speed.
- Black Wiper motor low speed.
- Dark Blue Washer pump solenoid.
- Black Ground for dash switch.
- Gray This lamp socket assembly is only used on 1975 through 1980 applications. The 1974 application does not use this lamp, so it can just be taped it back to the trunk of the harness.
- Black Fused dash lamp bulb socket feed for the 1975-80 windshield wiper switch.
- Black Ground for the dash lamp bulb socket for the 1975-80 windshield wiper switch.
- Red This connection will plug onto the new headlamp switch, 500332.
- Orange Battery 12-volt input lead to switch for headlamps.
- Brown Battery fused 12-volt input lead to switch for park / tail output and dash lamp input.
- Yellow Park/tail lamp output.
- Dark Green 12-volt output lead to dimmer switch for headlamps.
- White Dash lamp output to fuse panel
- White Dome / Courtesy ground.
- Black Ground for lighting switch assembly.



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NOTE: Below, you will find detailed photos depicting how to plug the factory terminated wiper wires into the wiper switch connector(s) located in the 92970828 Loose Piece Dash Kit. They differ from year to year, so please pay close attention, and be sure that you are choosing the proper application for your car.

WINDSHIELD WIPER AND WASHER ASSEMBLY PLUG-INS AND APPLICATIONS



1974 ALL

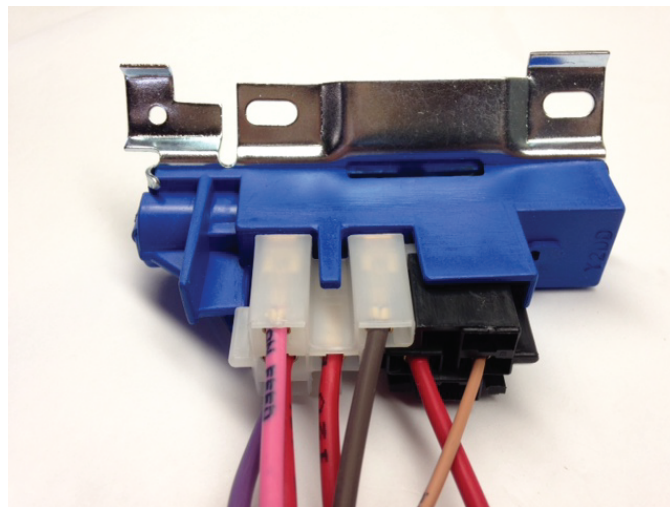


1975-1978 ALL

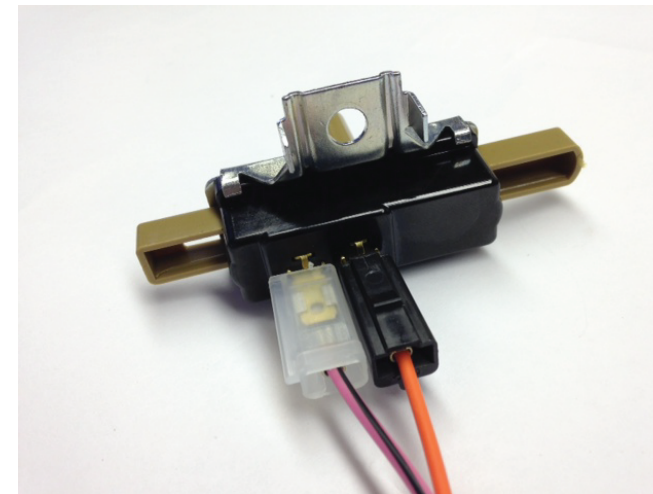


1979-1980 ALL

IGNITION & T400 KICKDOWN SWITCH ASSEMBLY PLUG INS



Ignition Switch (Switch not included, for reference only!)
(clear connector MUST be plugged onto the switch first, followed by the black connector)



Gas Pedal Mounted Turbo 400 Kickdown Switch (Switch not included, for reference only!)
(wires can be plugged onto either blade, no indexing required)



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