



Mercedes-Benz
service

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SM 1230

INTRO

240
D

300
D/CD/TO
TURBO

300
SD
TURBO

380
SL

380
SEL/SEC

ACC
ALL MODELS

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Schematic Diagrams *See Index Bars*

Automatic Climate Control Data 301



INTRODUCTION

This manual contains schematic diagrams, component location descriptions and photographs for the cars shown in Table 1 below. The manual consists of six sections: one section for each of the 5 car groups and one section that contains Automatic Climate Control data for all cars.

The first page of each section is an index page. Circuits are listed alphabetically with page numbers for schematics and component location descriptions. Schematic diagrams should be referred to when diagnosing a problem (see Troubleshooting Procedure, page 7). The component location descriptions and photographs are used to locate components on the vehicle.

Automatic Climate Control data, for all cars for which it's applicable, is contained in the last section of the book. Refer to the ACC index on page 301 for the listing of ACC data by car sales designations.

1982 SALES DESIGNATIONS	MODEL
240 D	123.123
300 D (TURBO).....	123.133
300 CD (TURBO)...	123.153
300 TD (TURBO)...	123.193
300 SD (TURBO)...	126.120
380 SL	107.045
380 SEL.....	126.033
380 SEC.....	126.043

TABLE 1

HOW TO USE THIS MANUAL

How to Read Schematic Diagrams

Electrical components which work together are shown together. Schematic drawings are arranged so that current flows from positive at the top of the page, to negative at the bottom. Fuses are shown at the top of the page. All wires, connectors, switches and motors are shown in the flow of current to ground at the bottom of the page. The "hot" labels appearing at the top of fuses or components show the IGNITION SWITCH positions which supply power to that point.

The terminal number "30" appearing on the IGNITION SWITCH and LIGHT SWITCH means that these terminals are always supplied with power. The terminal number "15" on the IGNITION SWITCH means that this terminal is supplied with power only when the IGNITION SWITCH is in the "Run" or "Start" positions.

Component and Wire Representation

All wiring between components is shown exactly as it exists on the vehicle. Wiring inside complicated components has been simplified to aid in understanding their electrical operation. Transistorized components are shown as plain boxes labeled "solid state." Switches and sensors are shown "at rest," as if the IGNITION SWITCH were off. Notes are included which describe how switches and other components work.

Circuits Which Share Power and/or Grounds

Each circuit is shown completely and independently on one schematic diagram. Other circuits which get their power from the same point, or which ground at the same point as the circuit you are looking at, are not shown. However, if other circuits actually share a wire or wires **within** the schematic diagram, they are partially represented.

Power Distribution and Ground Distribution Diagrams

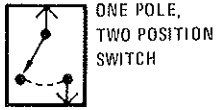
The Power Distribution diagrams show connections from the BATTERY and ALTERNATOR to the fuses, and to the IGNITION SWITCH and LIGHT SWITCH. This will tell you how each circuit gets its power, and what circuits share common fuses. Ground Distribution diagrams show how several circuits are connected to common grounds.

Component Identification

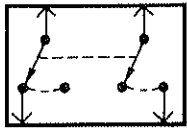
Component names are found underlined next to or above each component. The name is followed, in many cases, by some detail about the component or its operation. Below the component name, in parentheses, you may find a "code" number. This is the factory harness marking number. It is printed on tape wrapped around the branch of the wiring harness which feeds that component.

Some Automatic Climate Control components have a number with an asterisk above the component name. This is the ACC training number for that component.

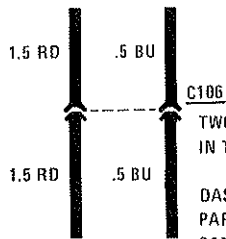
SYMBOLS



ONE POLE,
TWO POSITION
SWITCH



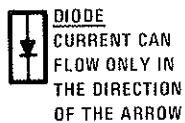
SWITCHES THAT
MOVE TOGETHER
DASHED LINE SHOWS
A MECHANICAL
CONNECTION
BETWEEN SWITCHES



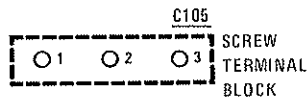
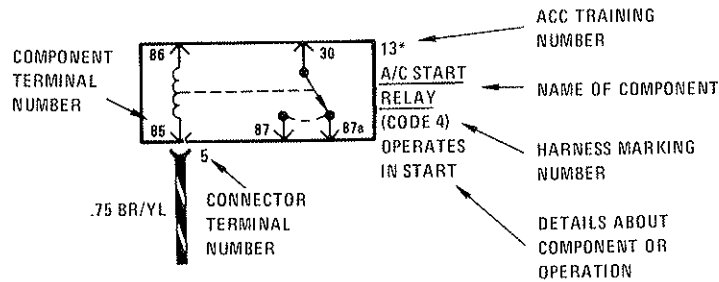
TWO CONNECTIONS (PINS)
IN THE SAME CONNECTOR
DASHED LINE SHOWS
PARTS OF THE
SAME CONNECTOR



RELAY SHOWN WHEN COIL IS
WITH NO CURRENT
ENERGIZED, SWITCH
FLOWING THROUGH
IS PULLED CLOSED
COIL



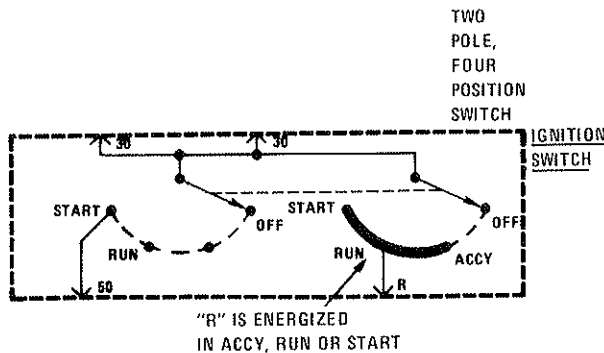
DIODE
CURRENT CAN
FLOW ONLY IN
THE DIRECTION
OF THE ARROW



SCREW
TERMINAL
BLOCK

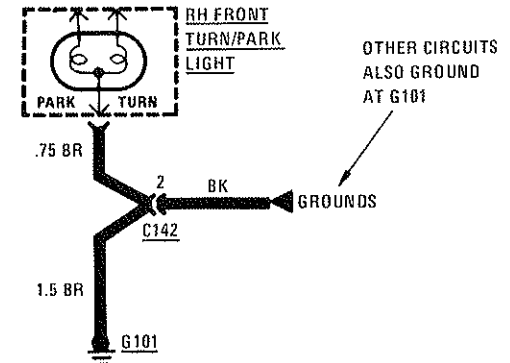


TWO PARTS
OF THE
SAME
COMPONENT



WIRE INSULATION	
COLOR	ABBREVIATIONS
BLACK	BK
BROWN	BR
RED	RD
YELLOW	YL
GREEN	GN
BLUE	BU
VIOLET	VI
GRAY	GY
WHITE	WT
PINK	PK

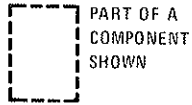
WIRE SIZE CONVERSION CHART	
METRIC (CROSSSECTIONAL AREA IN MM ²)	AWG (AMERICAN WIRE GAUGE)
.5	20
.75	18
1	16
1.5	14
2	14
2.5	12
4	10
6	8
8	8
16	4
20	4
25	2
32	2



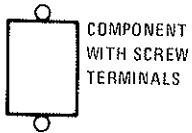
SYMBOLS



ENTIRE COMPONENT SHOWN



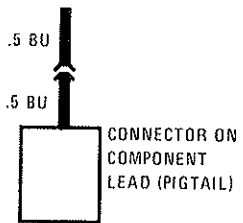
PART OF A COMPONENT SHOWN



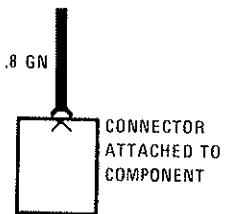
COMPONENT WITH SCREW TERMINALS



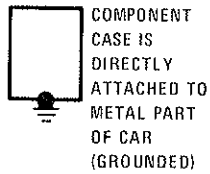
SOLID STATE TRANSISTORIZED COMPONENT



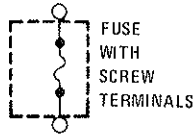
CONNECTOR ON COMPONENT LEAD (PIGTAIL)



CONNECTOR ATTACHED TO COMPONENT



COMPONENT CASE IS DIRECTLY ATTACHED TO METAL PART OF CAR (GROUNDED)

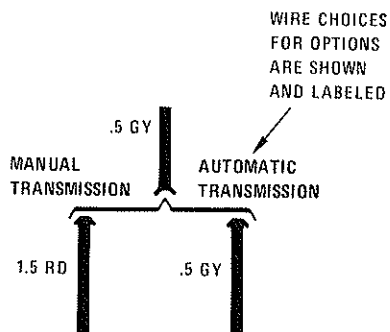
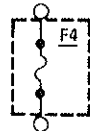


FUSE WITH SCREW TERMINALS

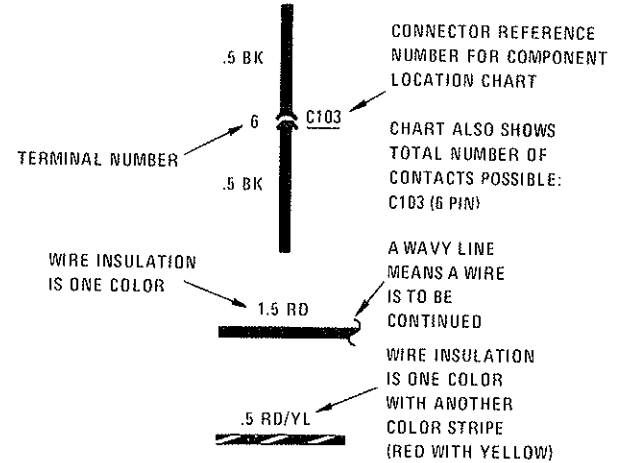
HOT AT ALL TIMES
INDICATES THAT FUSE 4 IS ALWAYS SUPPLIED WITH POWER



HOT IN RUN OR START
INDICATES THAT FUSE 4 IS SUPPLIED WITH POWER WITH THE IGNITION SWITCH IN THE RUN OR START POSITIONS



WIRE CHOICES FOR OPTIONS ARE SHOWN AND LABELED

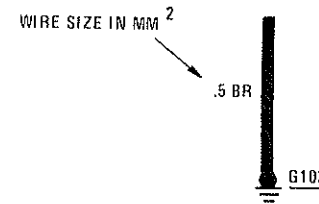


CONNECTOR REFERENCE NUMBER FOR COMPONENT LOCATION CHART

CHART ALSO SHOWS TOTAL NUMBER OF CONTACTS POSSIBLE: C103 (6 PIN)

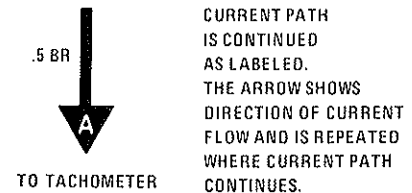
A WAVY LINE MEANS A WIRE IS TO BE CONTINUED

WIRE INSULATION IS ONE COLOR WITH ANOTHER COLOR STRIPE (RED WITH YELLOW)



WIRE IS ATTACHED TO METAL PART OF CAR (GROUNDED)

GROUND IS NUMBERED FOR REFERENCE ON COMPONENT LOCATION CHART OTHER CIRCUITS THAT SHARE A GROUND ARE SHOWN IN GROUND DISTRIBUTION

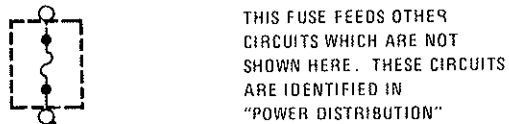


CURRENT PATH IS CONTINUED AS LABELED. THE ARROW SHOWS DIRECTION OF CURRENT FLOW AND IS REPEATED WHERE CURRENT PATH CONTINUES.

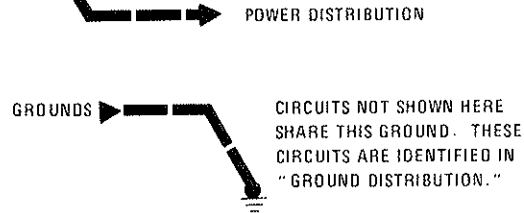
A WIRE WHICH CONNECTS TO ANOTHER CIRCUIT



LIGHTS: TURN/HAZARD/STOP



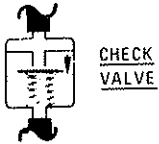
THIS FUSE FEEDS OTHER CIRCUITS WHICH ARE NOT SHOWN HERE. THESE CIRCUITS ARE IDENTIFIED IN "POWER DISTRIBUTION"



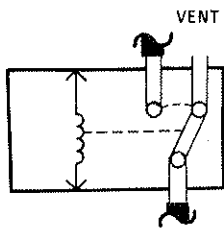
CIRCUITS NOT SHOWN HERE SHARE THIS GROUND. THESE CIRCUITS ARE IDENTIFIED IN "GROUND DISTRIBUTION."



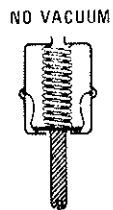
VACUUM RESTRICTOR
VACUUM RESTRICTORS ARE POROUS BRASS PLUGS IN THE VACUUM HOSE. THE RESTRICTOR SLOWS THE VACUUM FLOW.



CHECK VALVE
VACUUM CAN FLOW EASILY IN THE DIRECTION OF THE ARROW. VACUUM CANNOT FLOW AGAINST THE ARROW.



VENT
A SWITCHOVER VALVE IS A SOLENOID OPERATED VACUUM VALVE. THE VALVE IS VENTED WHEN THE COIL OF THE SOLENOID IS DE-ENERGIZED.



NO VACUUM
VACUUM ELEMENTS PUSH OR PULL A SHAFT BETWEEN TWO FIXED POSITIONS. WHEN VACUUM IS APPLIED, THE SHAFT IS PULLED IN. WHEN NO VACUUM IS PRESENT, THE SHAFT IS PUSHED OUT BY A SPRING.

TROUBLESHOOTING PROCEDURE

1. VERIFY THE COMPLAINT

Operate the problem circuit in all modes to check the accuracy of the complaint. This may give a clue as to the extent, nature, and location of the problem.

2. CHECK THE FUSE AND RELATED CIRCUITS

Determine the extent of the problem by operating circuits which share the same fuse. If the other circuits work, the fuse is good. The cause must be within the wiring unique to the problem circuit.

3. REFER TO THE E.T.M. AND ANALYZE THE CIRCUIT

Study the circuit schematic to learn how the circuit should operate. The schematic will tell you:

- Where the circuit receives current
- What circuit protection is involved
- What switches control current flow
- How the loads operate

Understanding the total circuit is necessary if you are to troubleshoot efficiently. Determine possible problem areas and testing locations. The Component Location table tells where components and ground points are located.

4. SYSTEMATICALLY TEST THE CIRCUIT IN ORDER TO ISOLATE THE PROBLEM

As a general guideline:

- If the fault affects a single component of a circuit, start to test at that component.
- If the fault affects a number of components of a circuit, start to test at the point where the circuit gets its power.

5. MAKE THE REPAIR

After you have narrowed the problem down to a specific cause, repair as necessary.

6. VERIFY CIRCUIT OPERATION

First operate the repaired circuit in all modes to be sure you have fixed the entire problem. Next, operate all circuits which share the same fuse. Be sure that this does not cause the problem to reappear.

TESTING TOOLS

A **VOLTMETER** is used to measure voltage at various points within a circuit. If an analog **VOLTMETER** is used, it must have a resistance of at least 20,000 ohms per volt in the low range. Any digital **VOLTMETER** may be used.

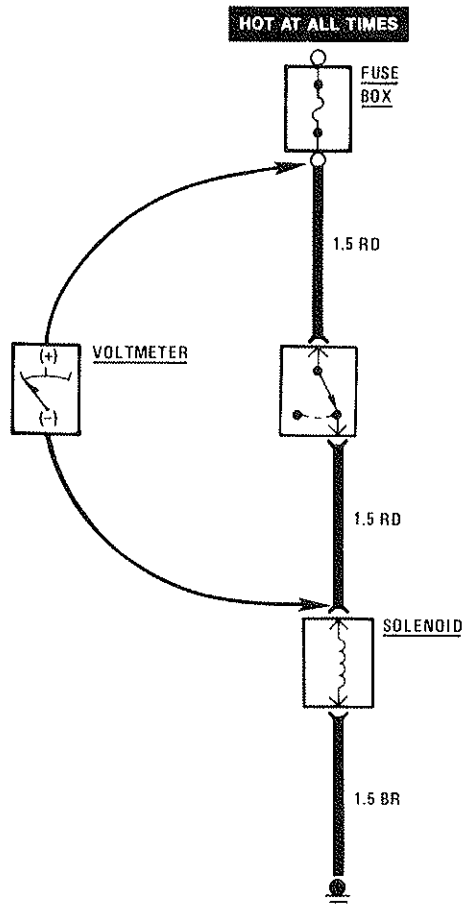
Use of an **OHMMETER** should be limited to harness wiring, connections and switches. It should not be used on solid state components or relays. An **OHMMETER** measures a circuit for its resistance to current flow. Since an **OHMMETER** has an internal battery that provides current to the circuit under test, it is first necessary to disconnect the car battery. This will ensure that there is no voltage already present in the circuit.

An ACC Adaptor Switch is used to test circuits in the new Automatic Climate Control system. To use this tester, first unplug the connector from the **ELECTRONIC UNIT FOR TEMPERATURE CONTROL**. Then plug this connector to the Adaptor Switch (M-B part no. 126 589 03 21 00). A voltmeter-ohmmeter is then connected to the Adaptor Switch.

TESTS

Voltage Drop Test

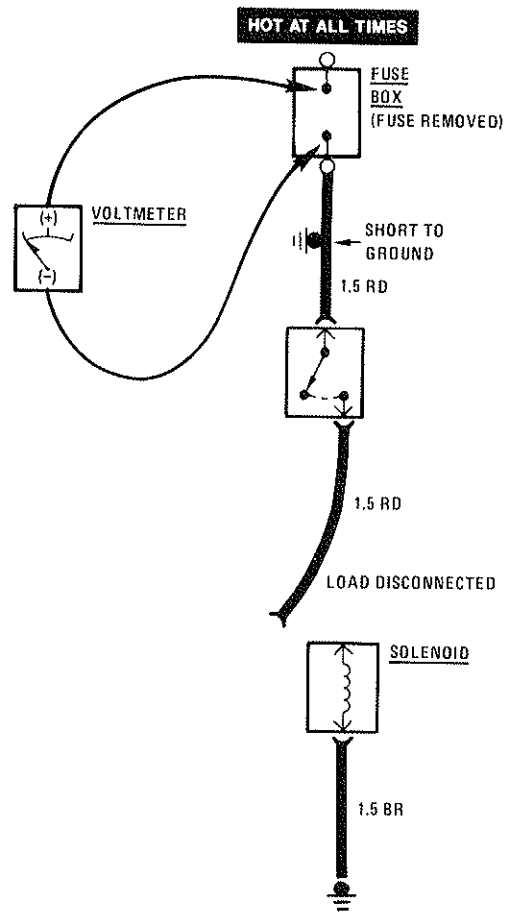
This test checks for voltage being lost along a wire, or through a connection or switch. Connect the positive lead of the **VOLTMETER** to the end of the wire, or to the side of the connection which is closest to the battery. Connect the negative lead to the other end of the wire, or the other side of the connection. When the circuit is operated, the **VOLTMETER** will show the difference in voltage between the two points. A difference (or drop) of more than one volt indicates a problem.



Voltage Drop Test

Testing For Short to Ground With a Voltmeter

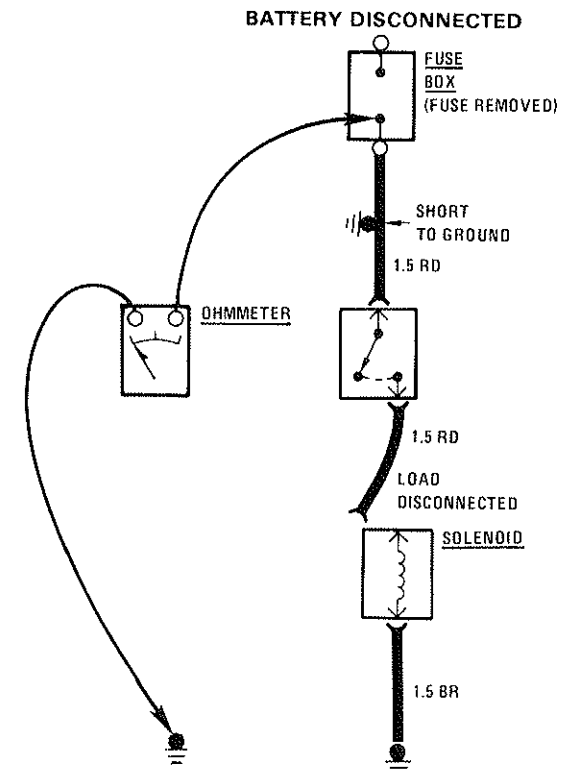
1. Remove the blown fuse and disconnect the load.
2. Connect the **VOLTMETER** across the fuse terminals.
3. Beginning near the fuse box, move the harness from side to side while watching the **VOLTMETER**.
4. If the meter registers, there is a short to ground in the wiring.



Testing for Short with Voltmeter

Testing For Short to Ground With an Ohmmeter

1. Calibrate **OHMMETER** by adjusting the needle to zero while holding the leads together.
2. Remove the blown fuse and disconnect the battery and load.
3. Connect one lead of the **OHMMETER** to the fuse terminal on the load side.
4. Connect the other lead to a known good ground.
5. Beginning near the fuse box, move the harness from side to side, while watching the **OHMMETER**.
6. If there is no short, the meter will show infinitely high resistance. If the meter registers low or no resistance, there is a short to ground in the wiring.



Testing for Short with Ohmmeter

Continuity Test

1. Check OHMMETER by adjusting the needle to zero while holding the leads together.
2. Disconnect the car battery.
3. Connect one lead of the OHMMETER to one end of the part of the circuit you wish to test.
4. Connect the other lead to the other end.
5. If the meter shows low or no resistance, there is continuity.

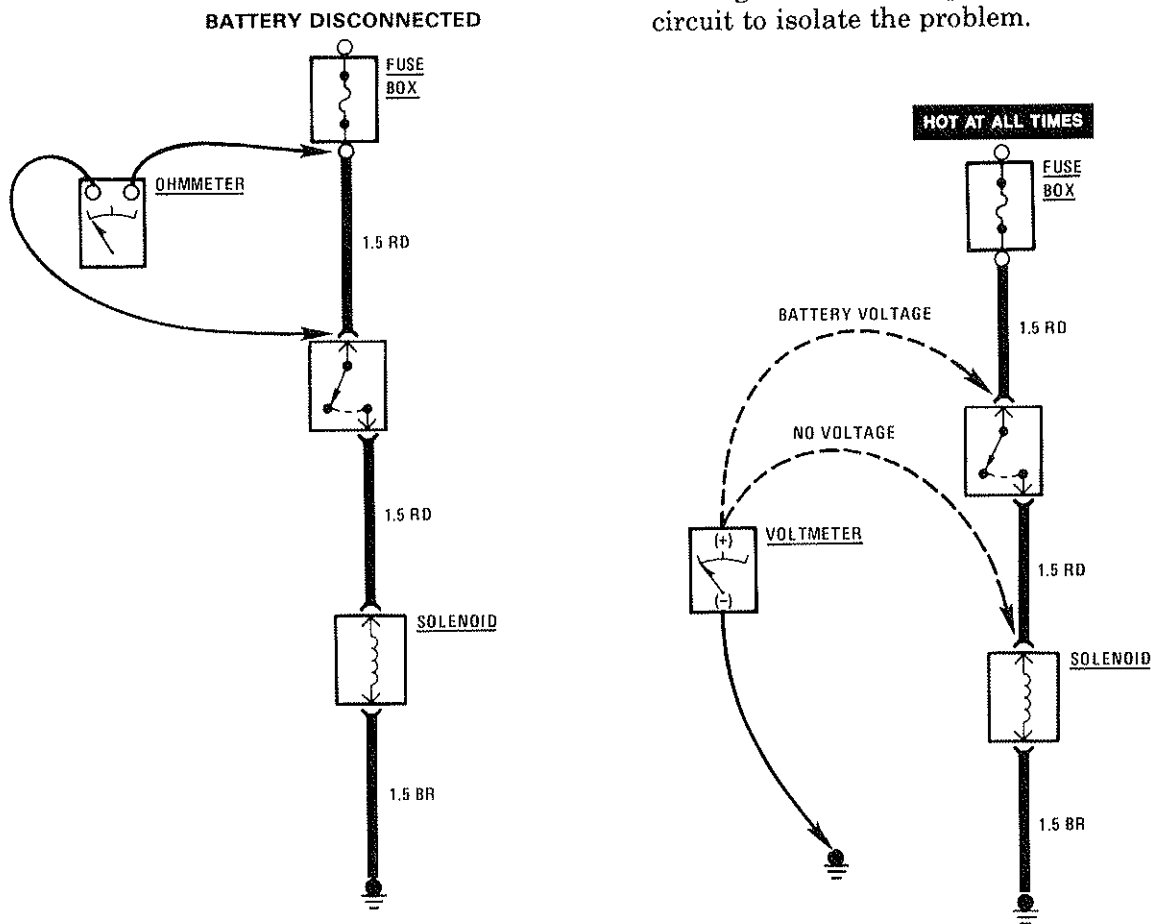
Voltage Test

1. Connect the negative lead of the VOLTMETER to a known good ground or negative (-) battery terminal.
2. Connect the positive lead of the VOLTMETER to a point (connector or terminal) you wish to test.
3. If the meter registers, there is voltage present. This voltage should be within one volt of measured battery voltage. A loss of more than one volt indicates a problem. A loose connection is a likely cause. Take readings at several points along the circuit to isolate the problem.

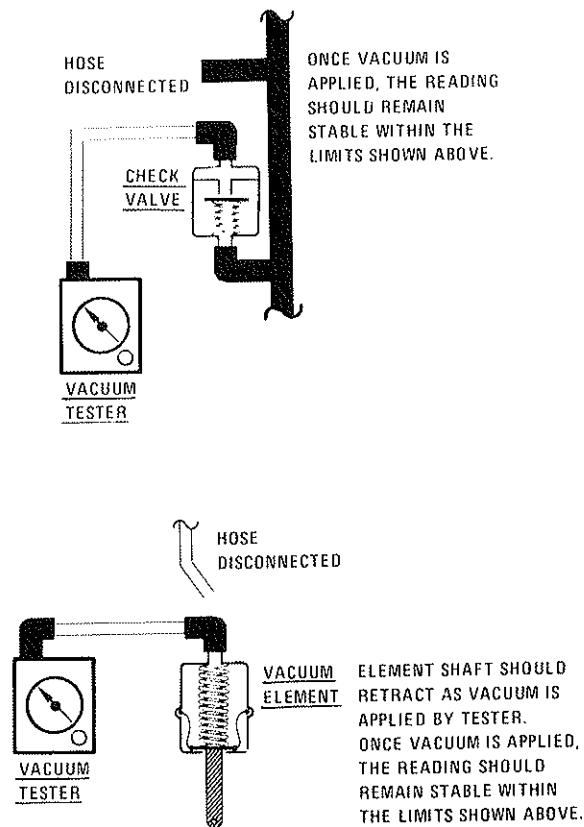
Testing Vacuum Components

A VACUUM TESTER is used to apply vacuum to vacuum components. The tester (M-B part no. 589 25 2100) registers in mbar of vacuum. Two Typical applications of this tester are shown below.

PERMISSIBLE LEAKS	
Check Valves	50 mbar in 10 min. at 300 mbar vacuum
Other Vacuum Components	20 mbar/min. at 300 mbar vacuum



Continuity Test



100

240

0

INDEX

1982 SALES DESIGNATIONS	MODEL
240 D	123.123

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FUSE-CIRCUIT LIST

Fuse		Circuits Protected	Page
No.	Amps (Color)		
1	8(WT)	Center Console Illumination	116
		Lights: Park/Tail (RH)	112
		Lights: Marker/License	113
		Warning Indicators/ Instrument Cluster Illumination	120
		Warning System	122
2	8(WT)	Automatic Antenna	130
		Clock	120
		Courtesy Lights	119
		Hazard Lights	118
		Trunk Light	113
		Warning System	122
3	8(WT)	Lights: Park/Tail (LH)	112
4	8(WT) 16(PK)*	Cigar Lighter	130
		Glove Box Light	113
		Radio *With Heated Seats (Front)	130
5		Not Used	
6	16(PK)	Headlights	110
		Wiper/Washer	123
7	8(WT)	Headlights (RH High Beam)	110
8	16(PK)	Air Conditoning Heater	124 124
9	8(WT)	Headlights (LH High Beams)	110
10	16(PK) 25(BU)*	Rear Defogger	126
		*With Heated Seats (Rear)	131

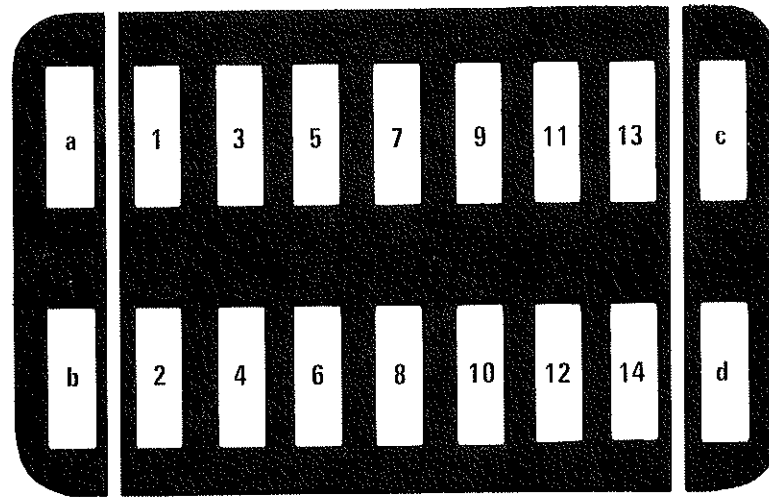
Fuse		Circuits Protected	Page
No.	Amps (Color)		
11	16(PK)	Fog Lights	110
		Headlights (RH Low Beam)	110
12	8(WT)	Auxiliary Fan	125
		Cruise control	114
		Gauges	120
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		Stoptlights	114
		Turn Signal Lights Warning Indicators	118 120
13	8(WT)	Headlights (LH Low Beam)	110
14	8(WT)	Backup Lights/Transmission Kickdown	111
		Exhaust Gas Recirculation	109
		Horns	127
		Warning System	122
a	16(PK)	Power Windows	128
b	16(PK)	Power Windows	128
c	16(PK)	Auxiliary Fan	125
d	16(PK)	Sliding Roof	127
In-Line Radio Fuse	2(GLASS)	Radio (Part of Radio)	130
	80	Pre-Glow System (Part of Pre-Glow Relay)	106

102

240

D

FUSE BOX



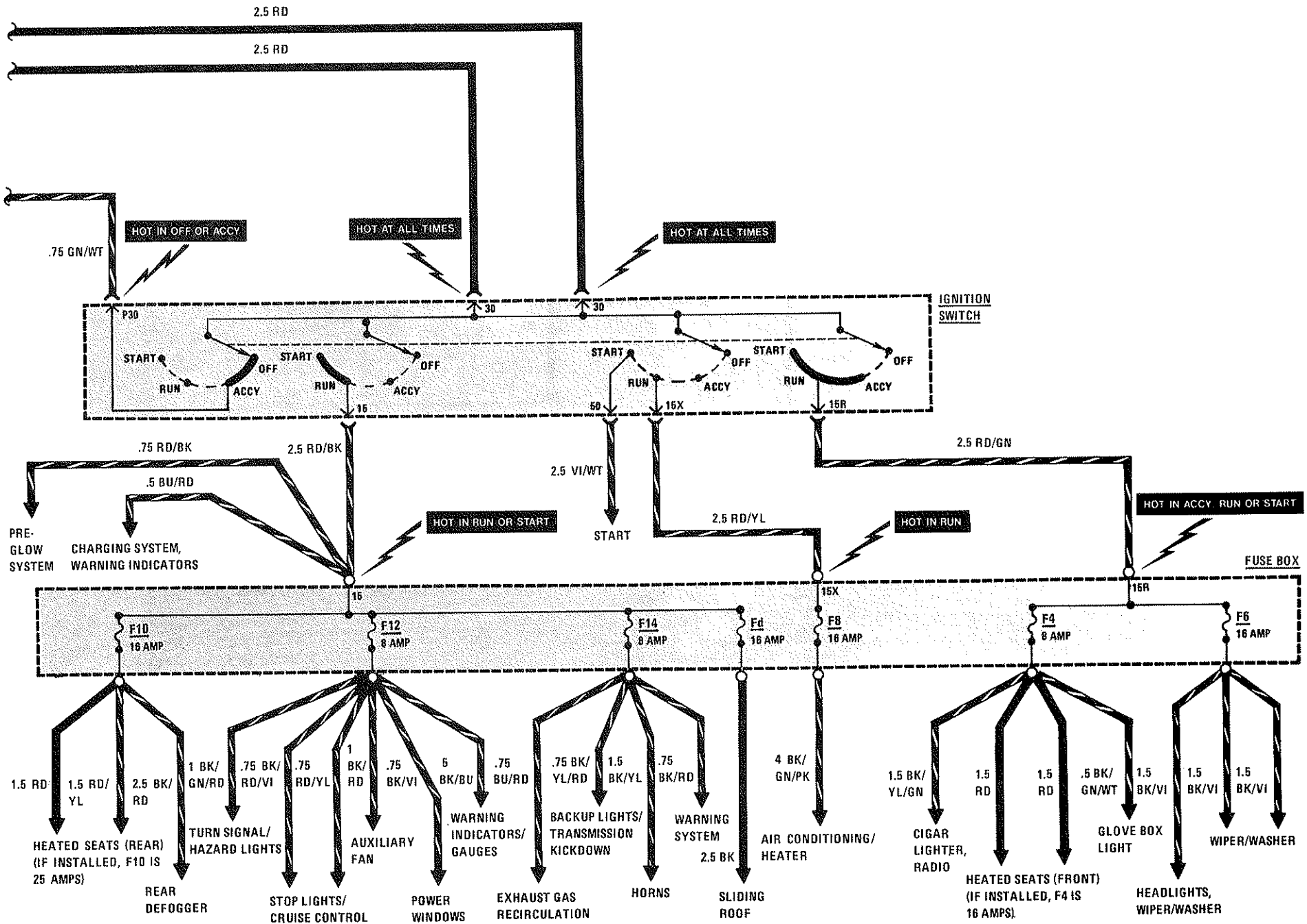
103
240
D

RELAY CODE	RELAY USE
10	Window Relay
12	A/C Relay
6	Auxiliary Fan Relay

POWER DISTRIBUTION

(For Component Locations See Page 204)

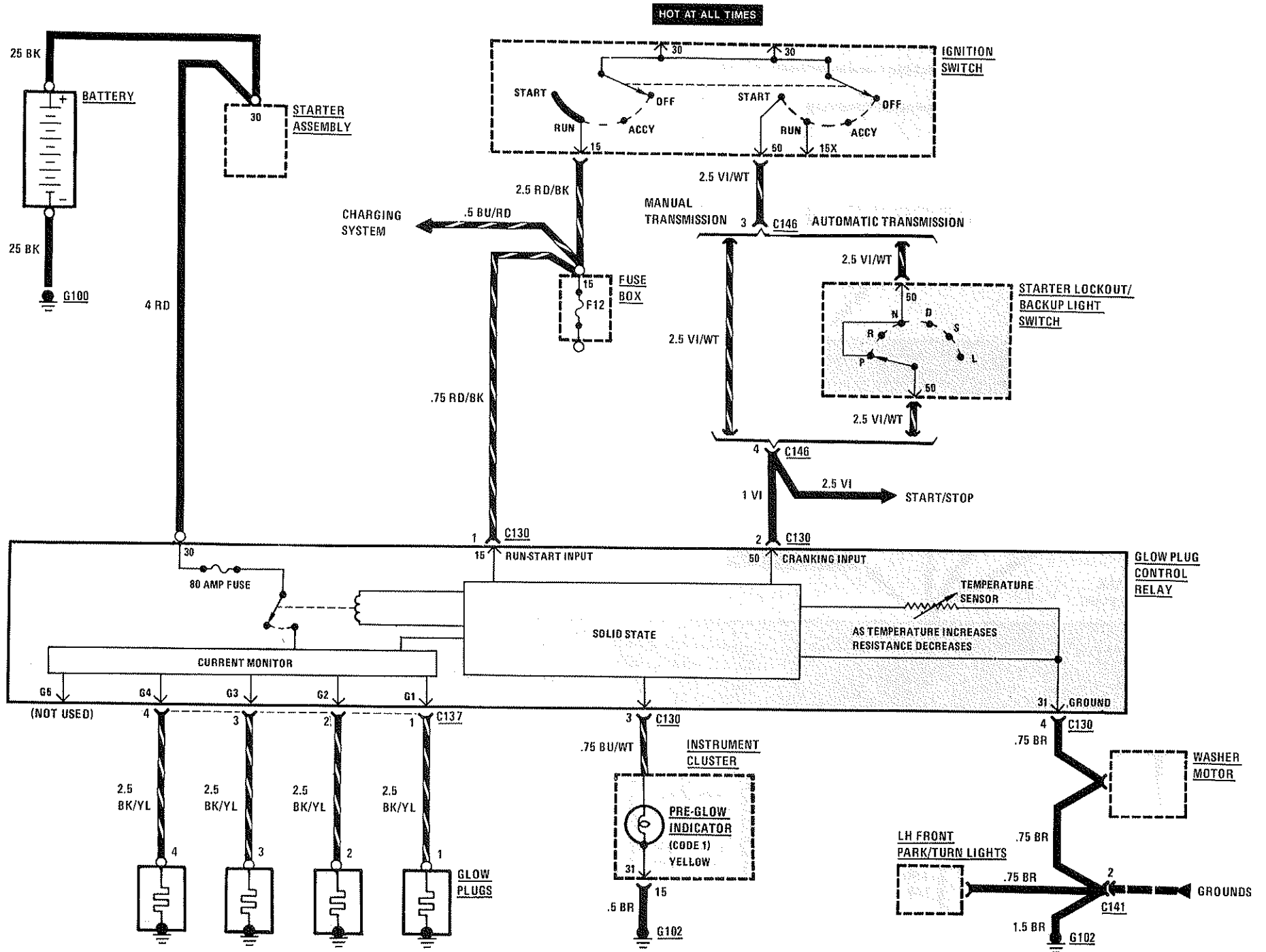
105
240
0



PRE-GLOW SYSTEM

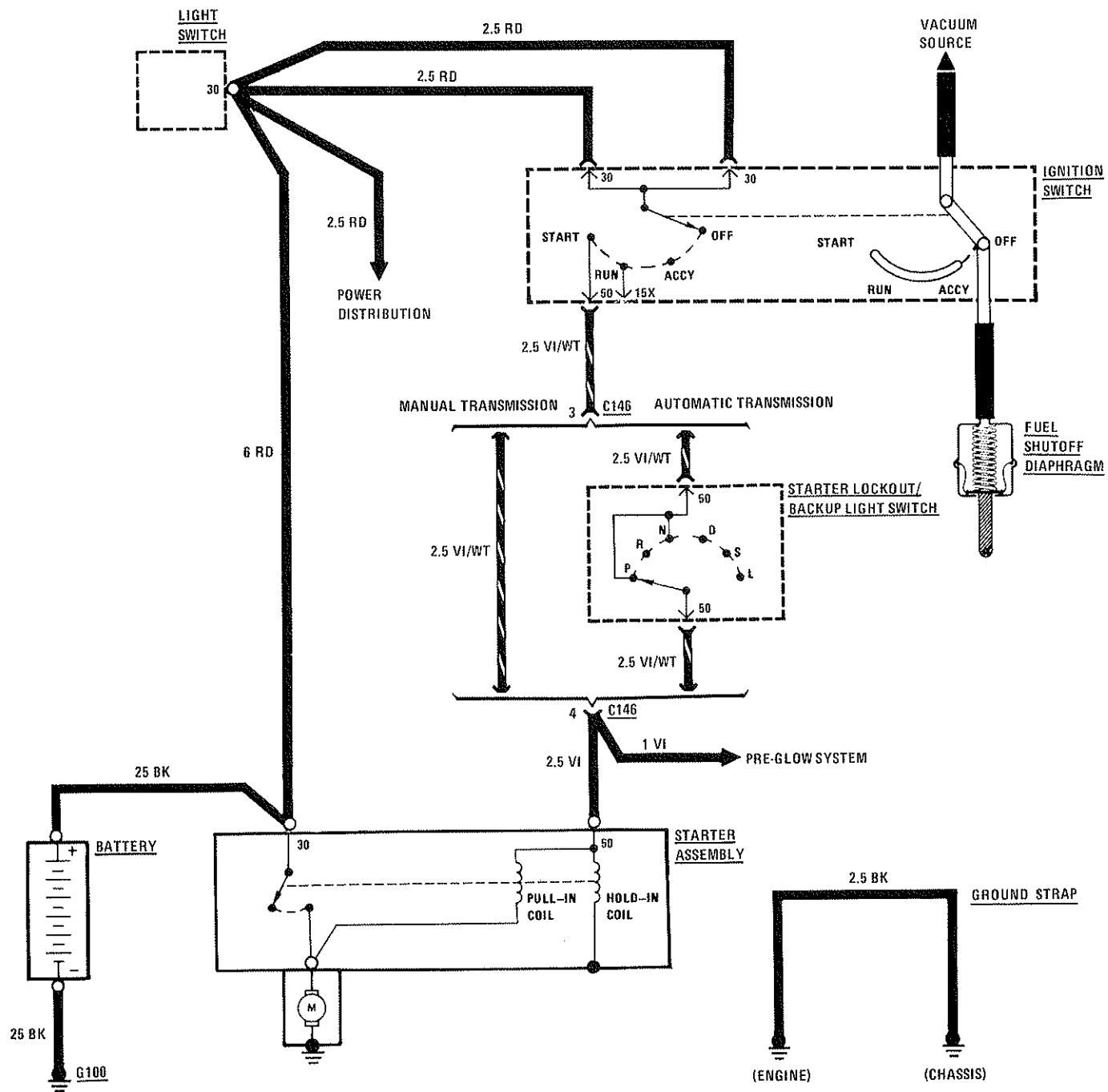
(For Component Locations See Page 204)

106
240
D



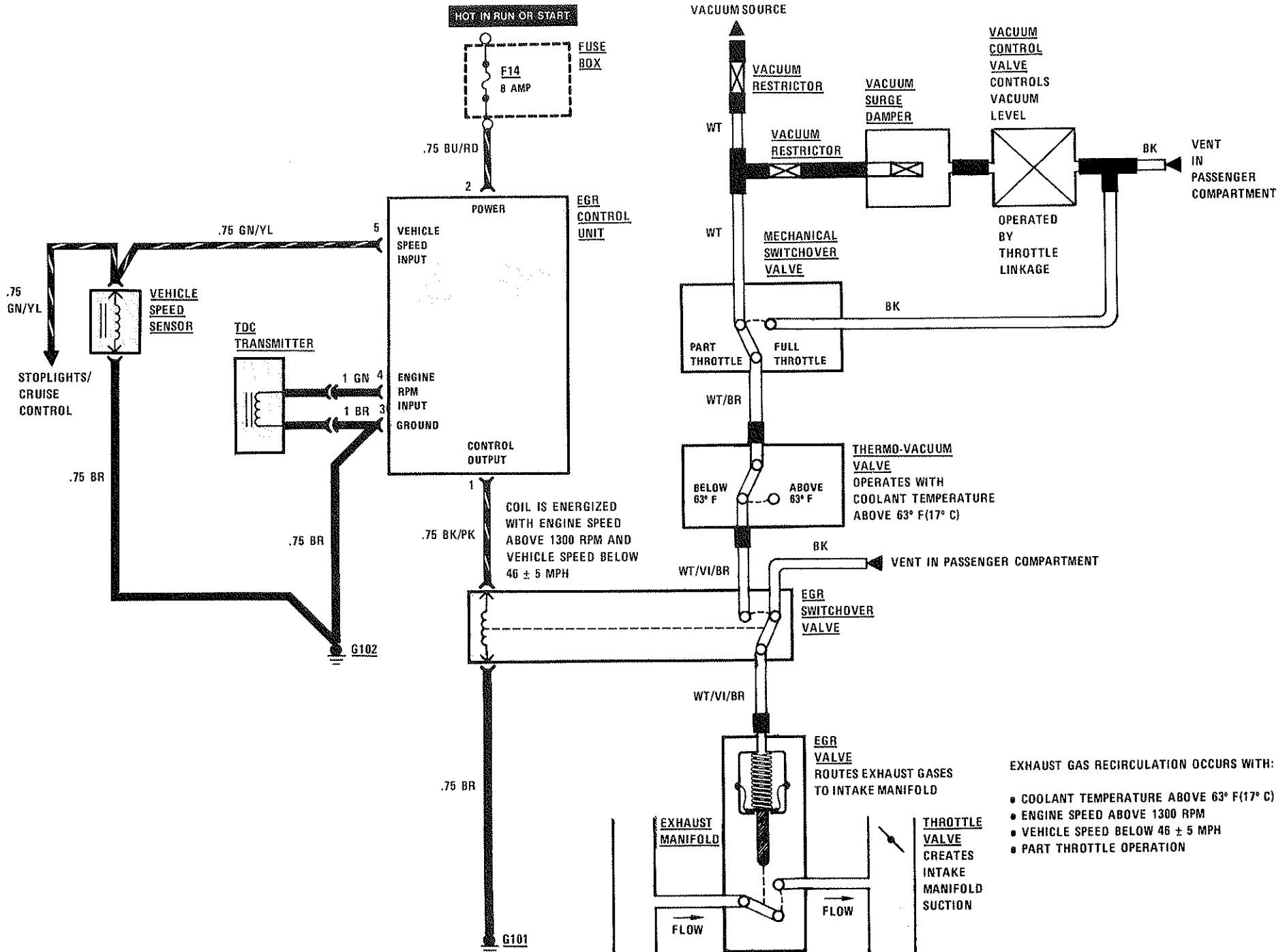
START/STOP (IGNITION SWITCH)

(For Component Locations See Page 205)



EXHAUST GAS RECIRCULATION

(For Component Locations See Page 202)



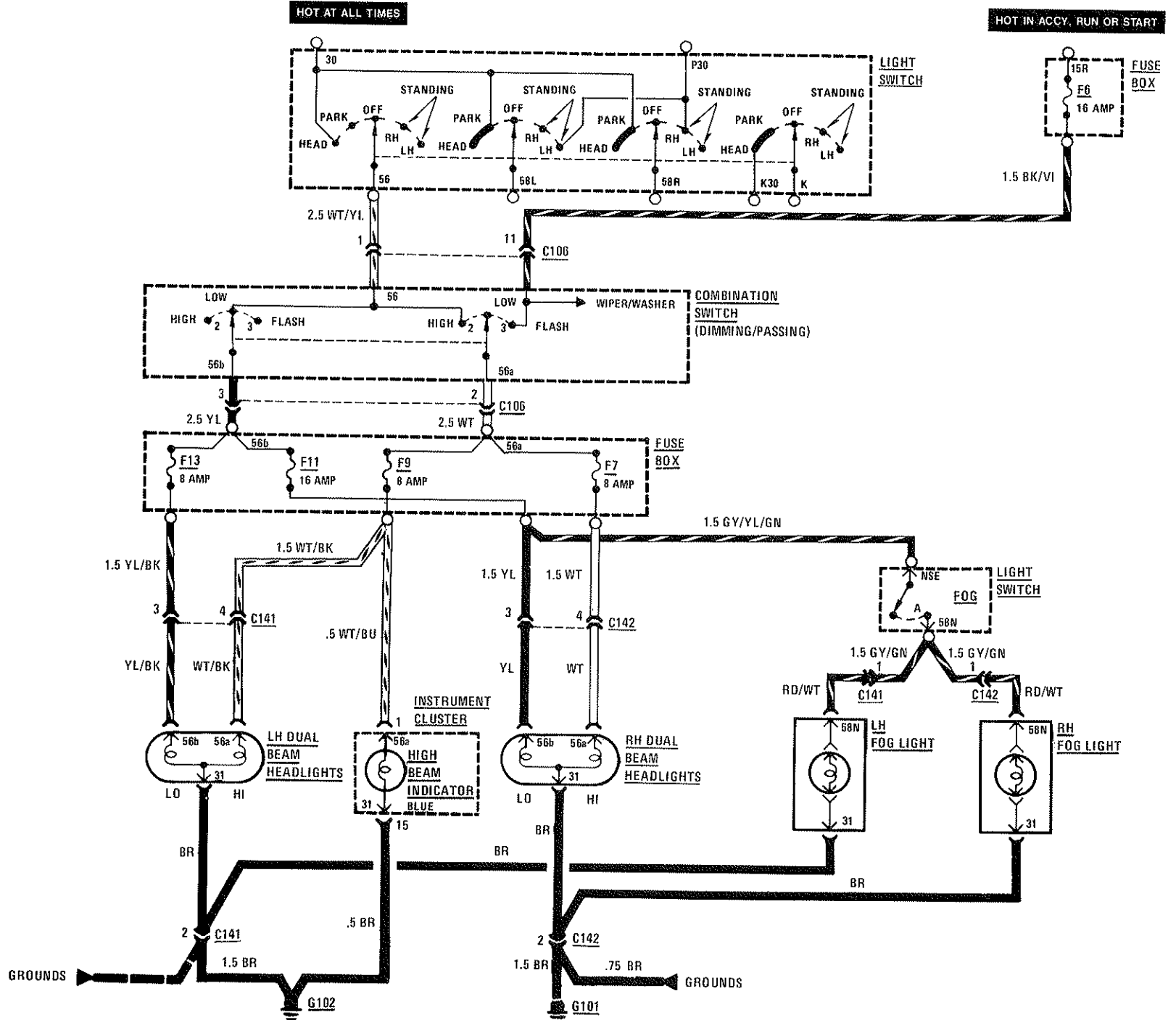
EXHAUST GAS RECIRCULATION OCCURS WITH:

- COOLANT TEMPERATURE ABOVE 63°F (17°C)
- ENGINE SPEED ABOVE 1300 RPM
- VEHICLE SPEED BELOW 46 ± 5 MPH
- PART THROTTLE OPERATION

HEADLIGHTS/FOG LIGHTS

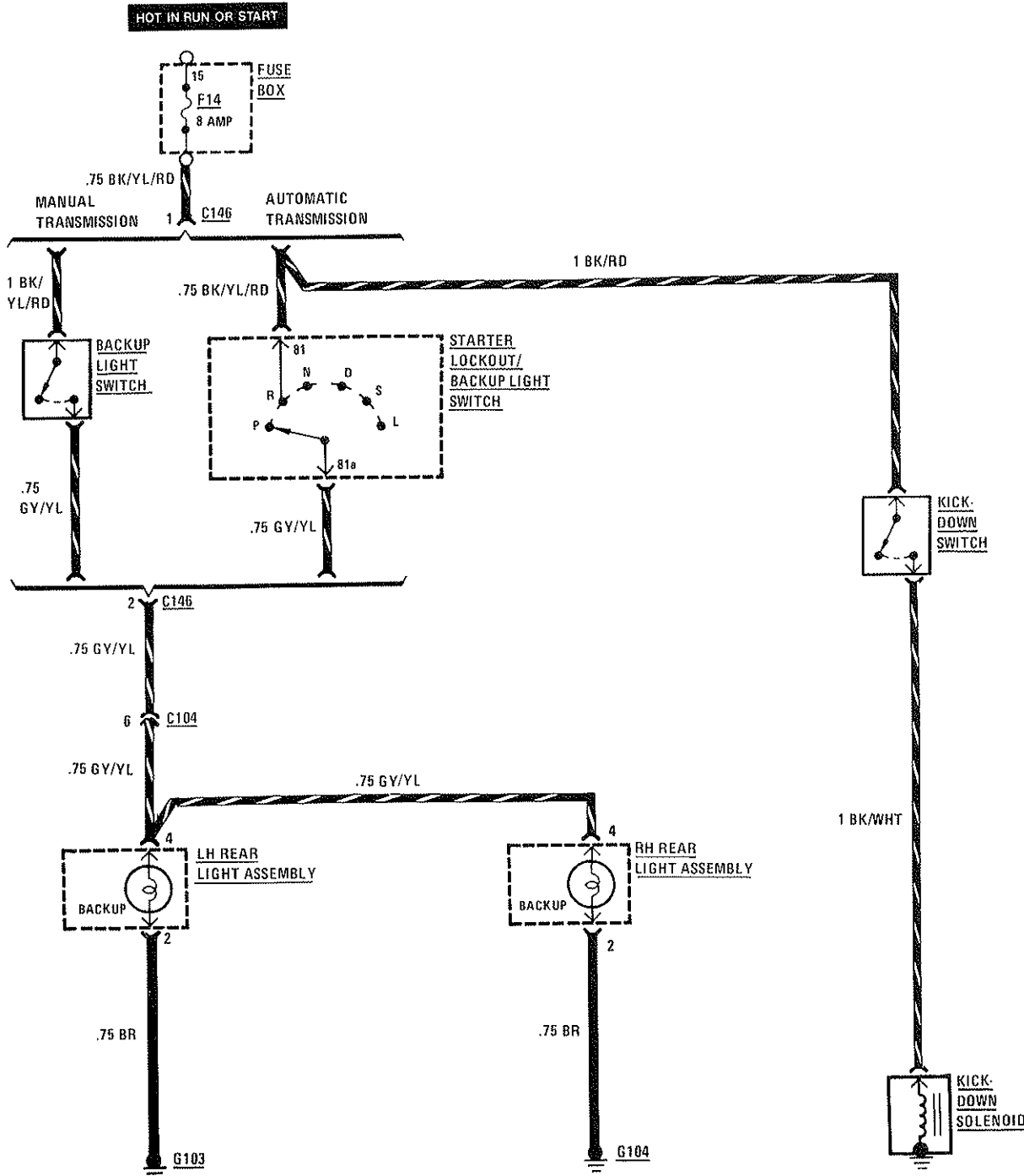
(For Component Locations See Page 203)

110
240
D



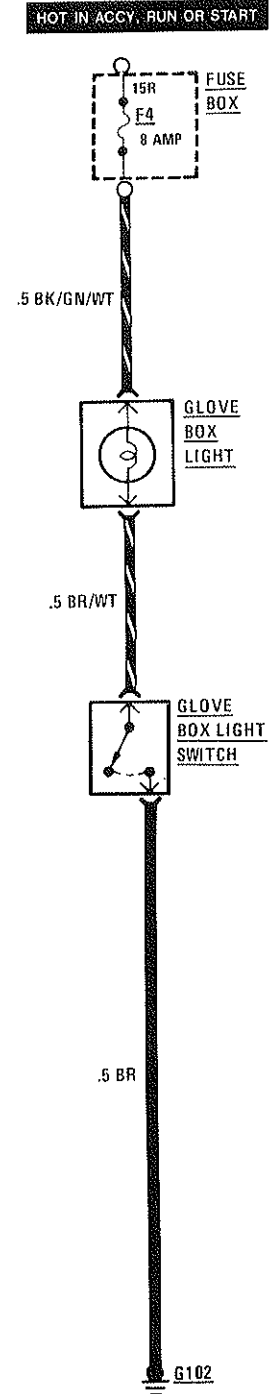
BACKUP LIGHTS / TRANSMISSION KICKDOWN

(For Component Locations See Page 201)



GLOVE BOX LIGHT

(For Component Locations See Page 201)

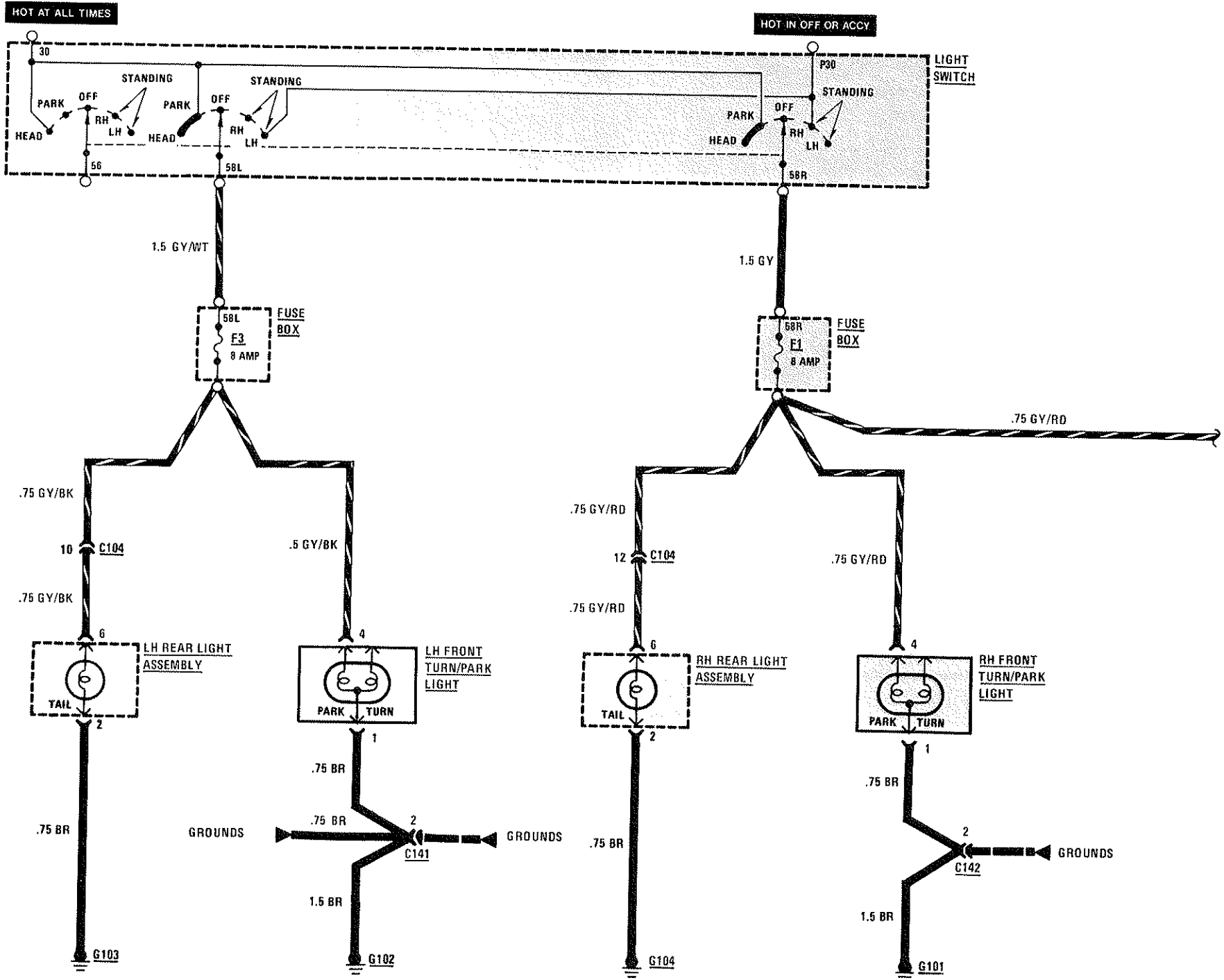


111
240
D

LIGHTS: PARK/TAIL

(For Component Locations See Page 203)

112
240
D

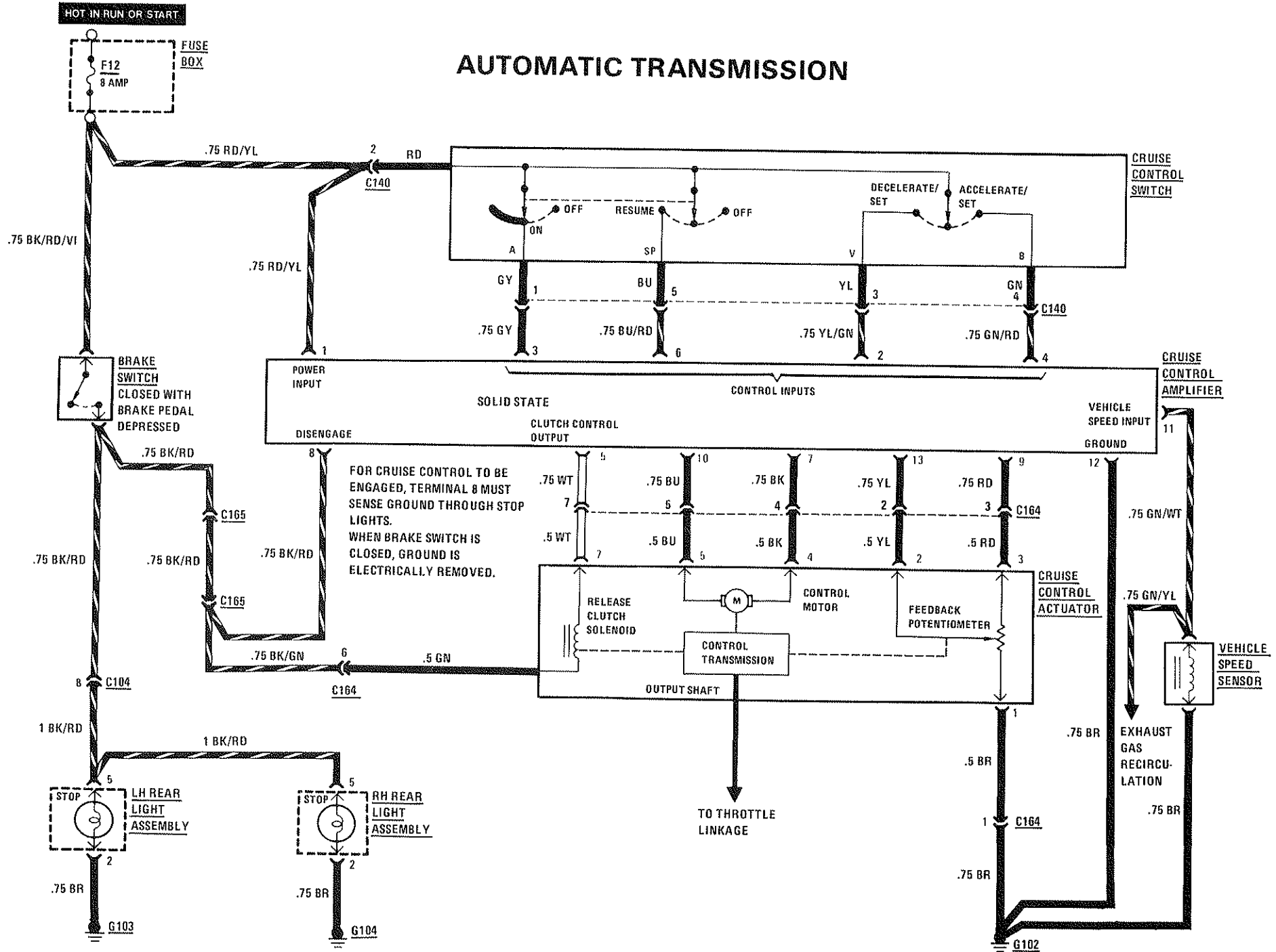


STOPLIGHTS/CRUISE CONTROL

(For Component Locations See Page 205)

AUTOMATIC TRANSMISSION

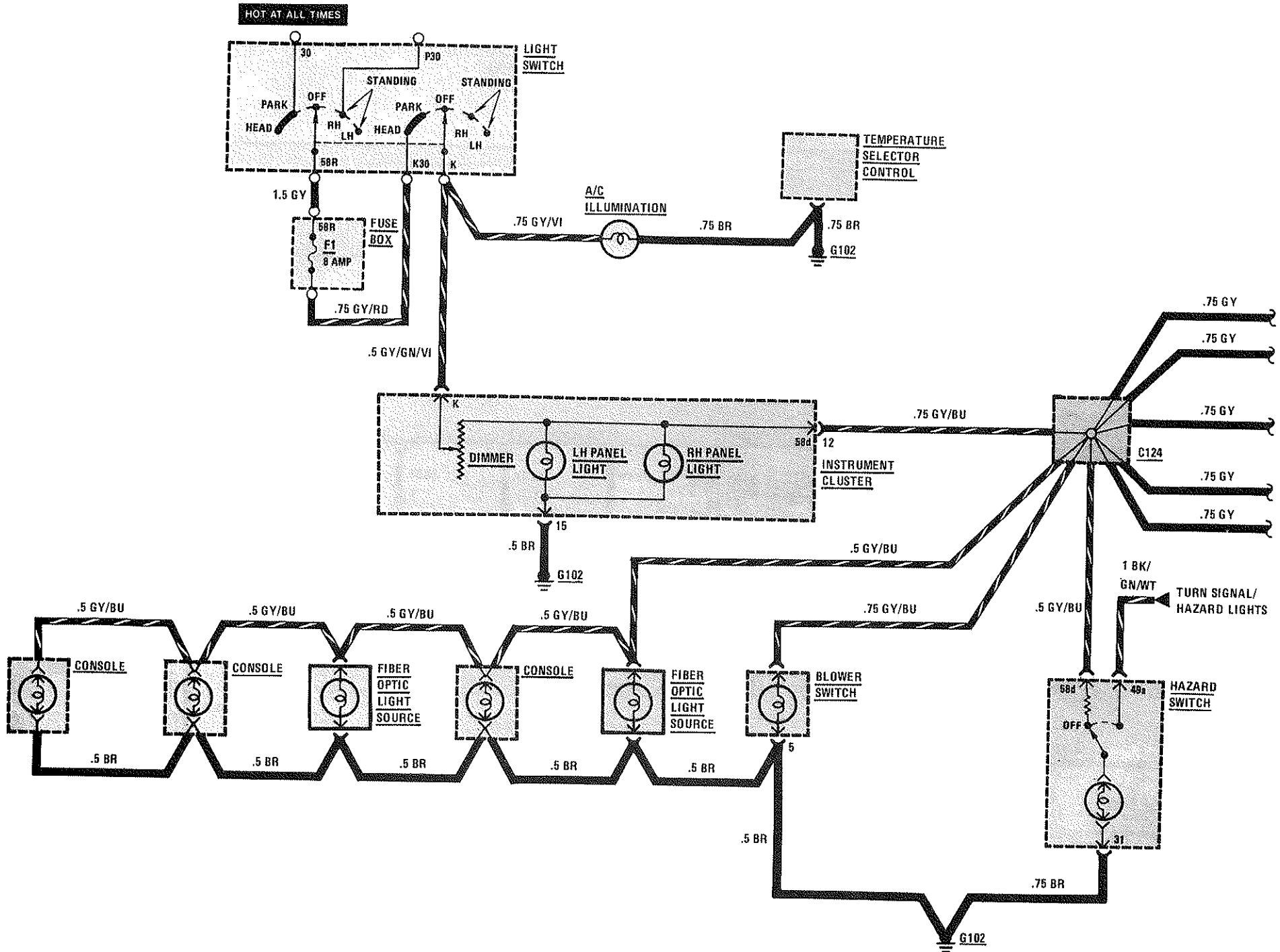
114
240
D



CENTER CONSOLE ILLUMINATION

(For Component Locations See Page 201)

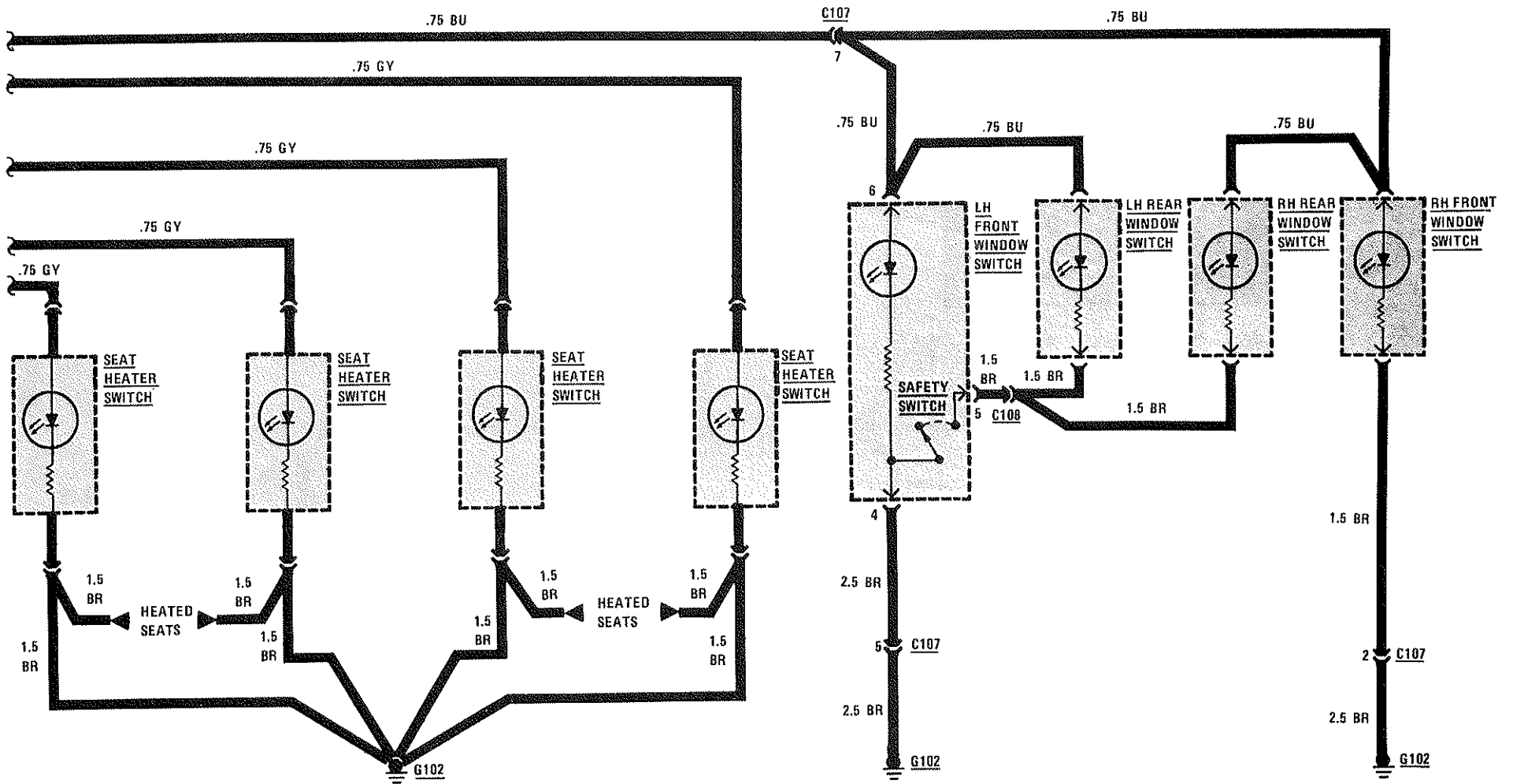
116
240
D



ILLUMINATION: CENTER CONSOLE

(For Component Locations See Page 201)

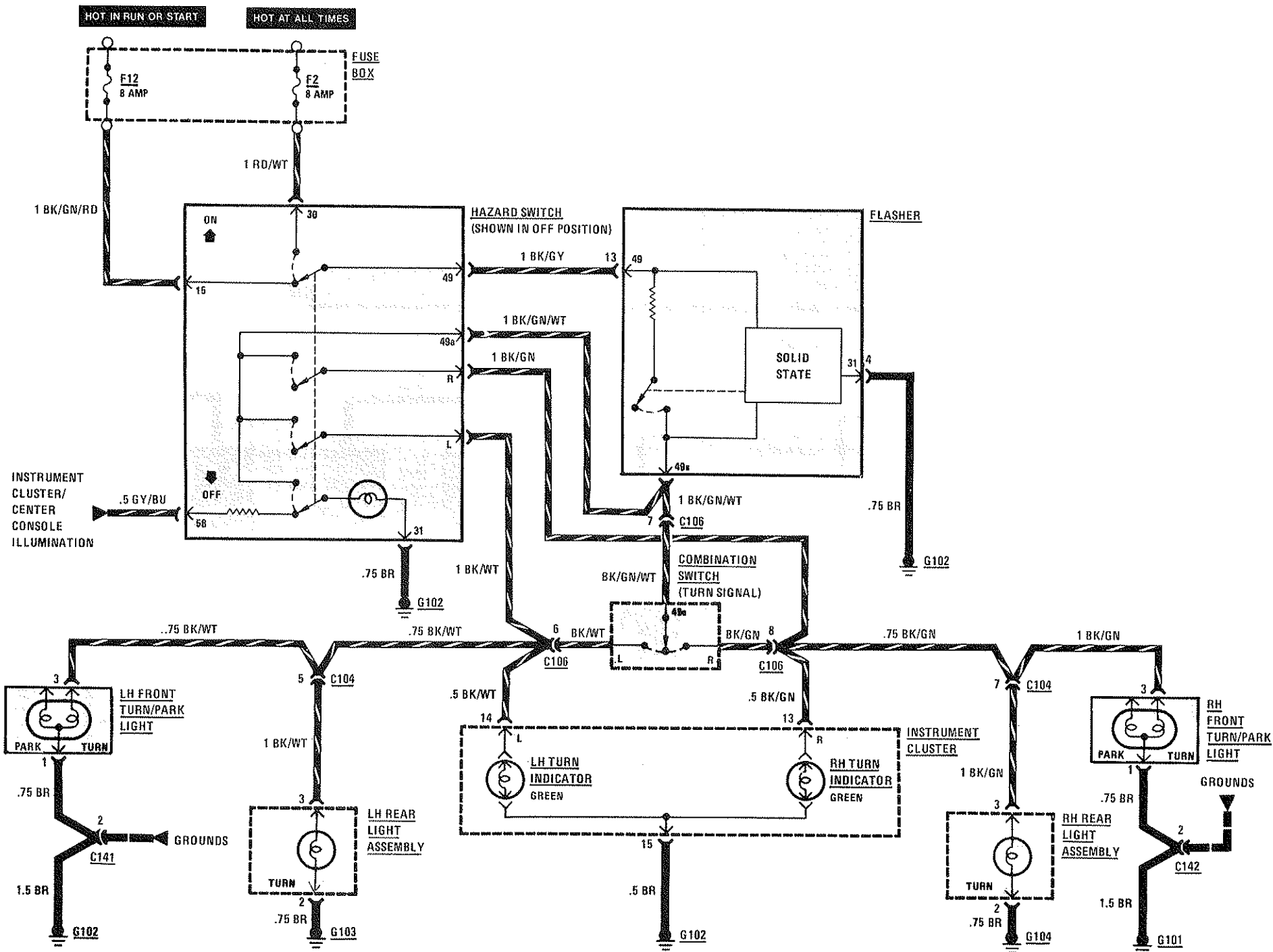
117
240
0



TURN SIGNAL/HAZARD LIGHTS

(For Component Locations See Page 205)

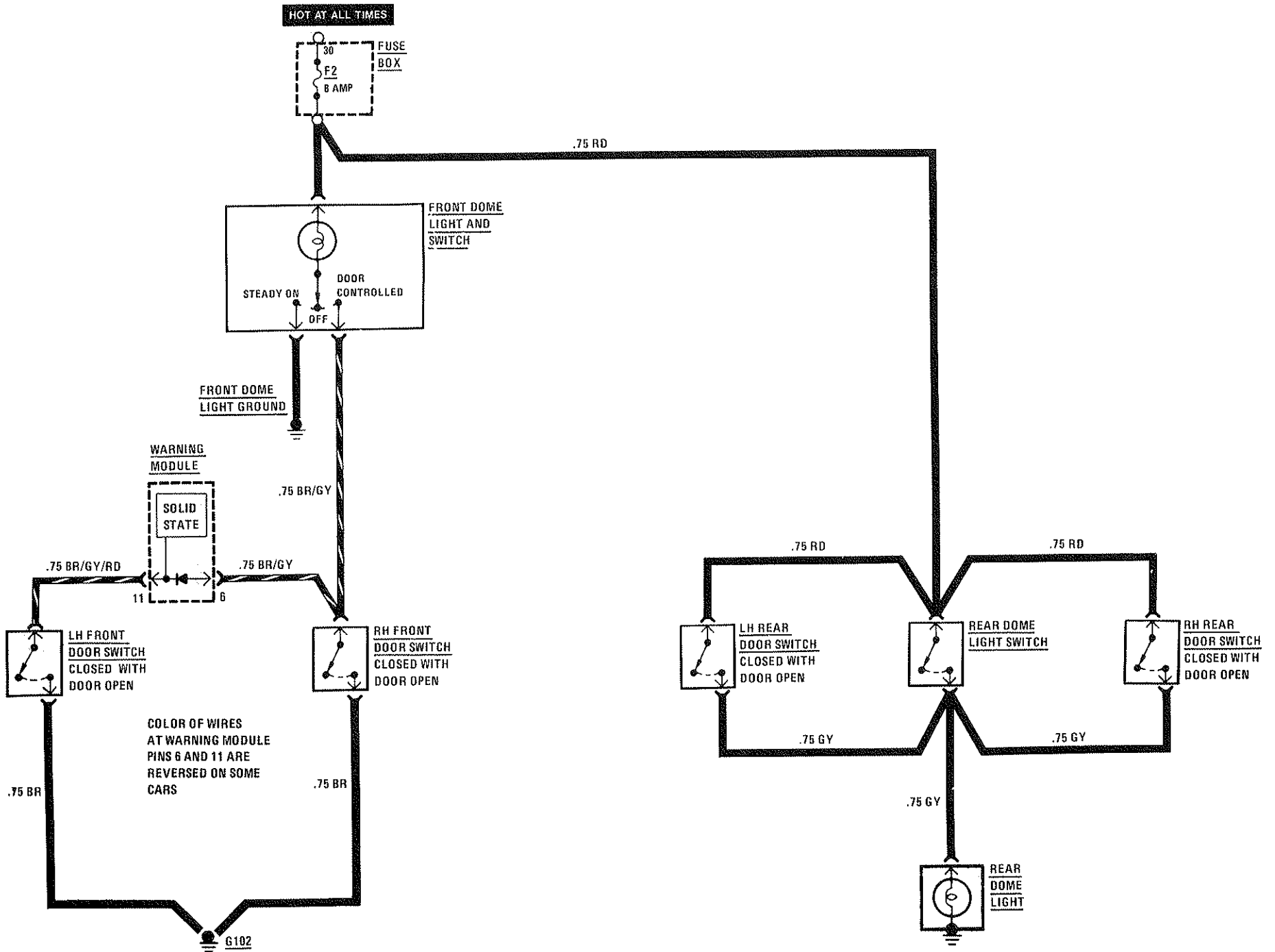
118
240
D



COURTESY LIGHTS

(For Component Locations See Page 202)

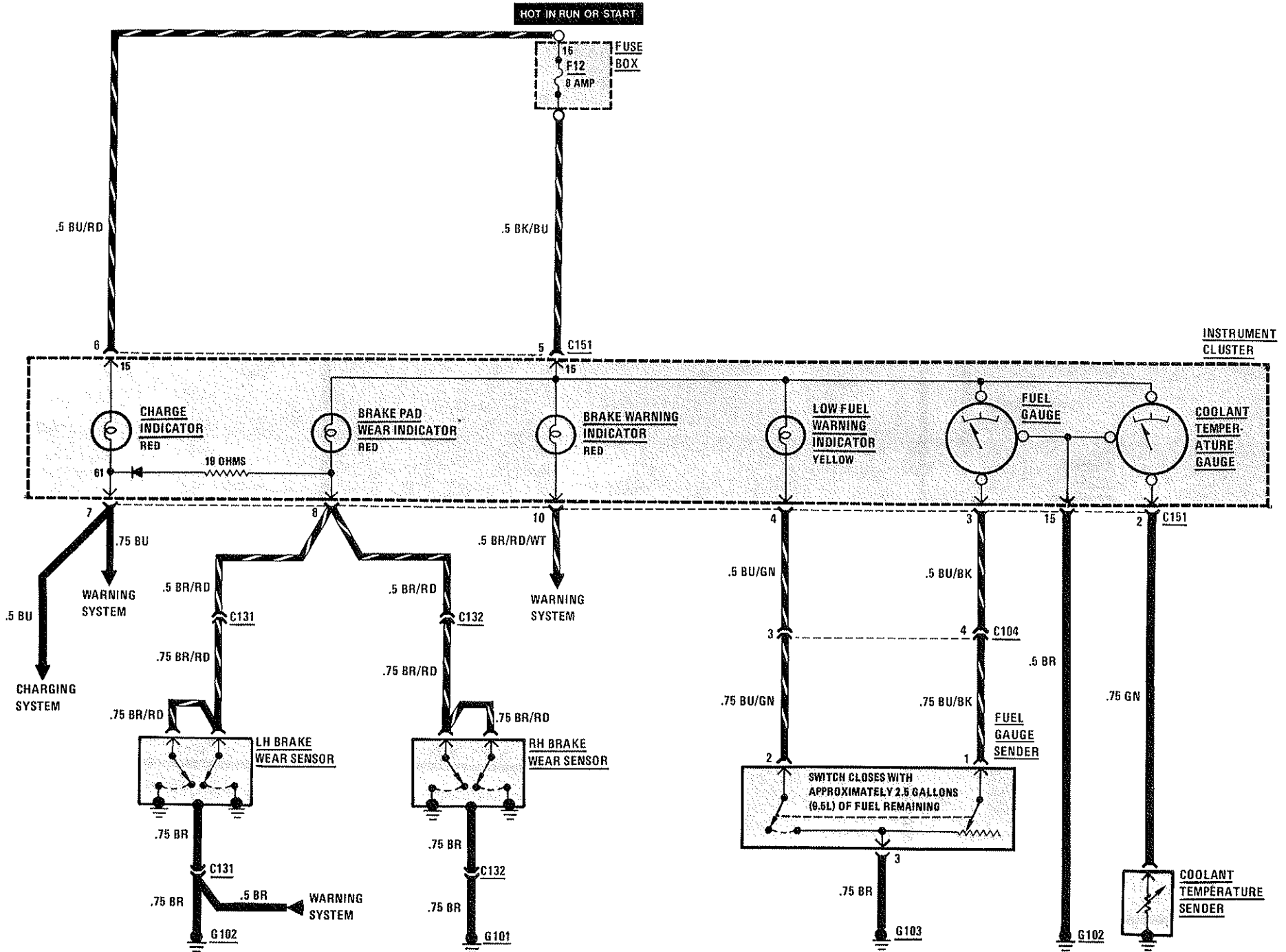
119
240
D



WARNING INDICATORS/GAUGES/CLOCK/INSTRUMENT CLUSTER ILLUMINATION

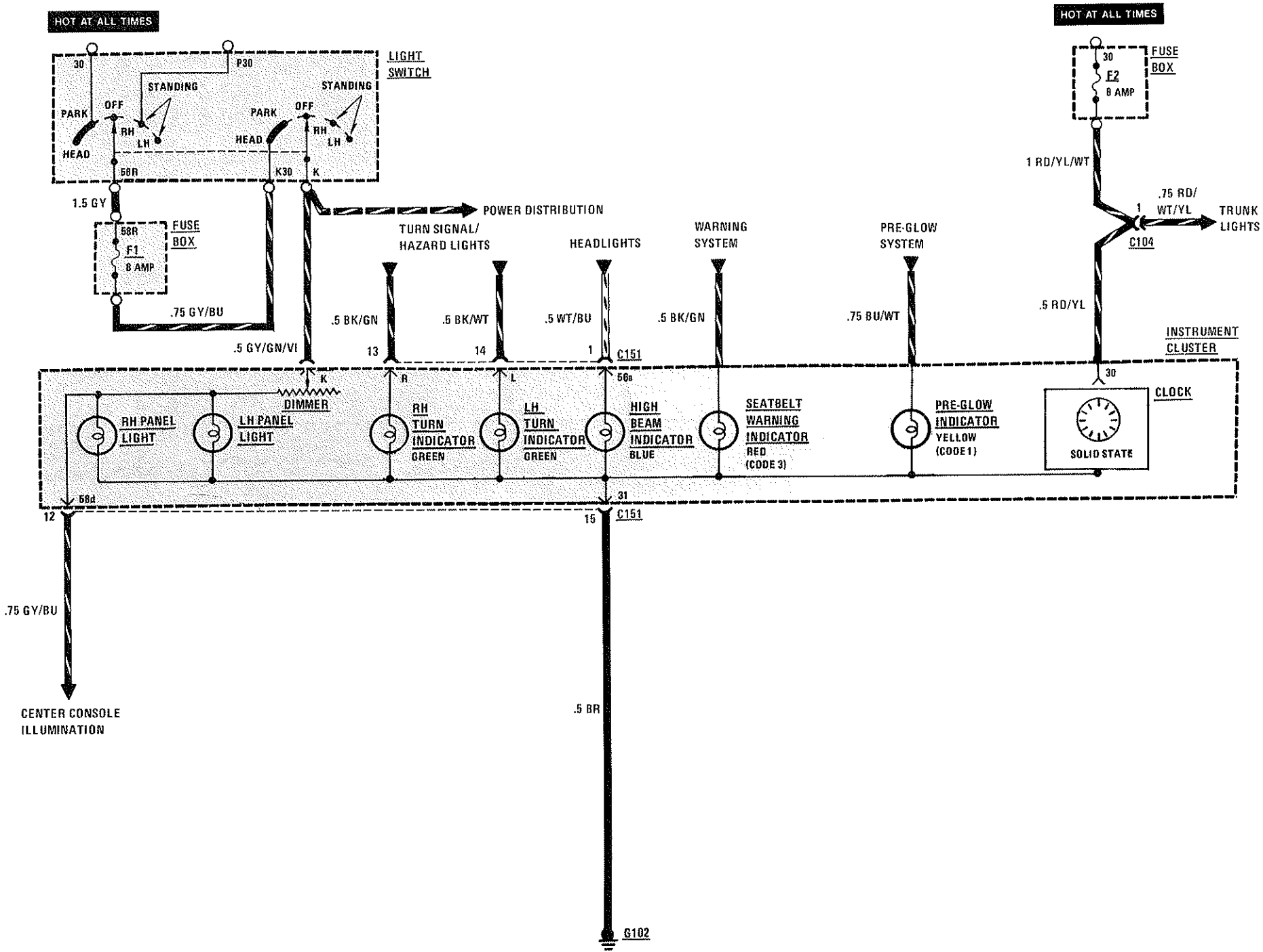
(For Component Locations See Page 206)

120
240
0



WARNING INDICATORS/GAUGES/CLOCK/INSTRUMENT CLUSTER ILLUMINATION

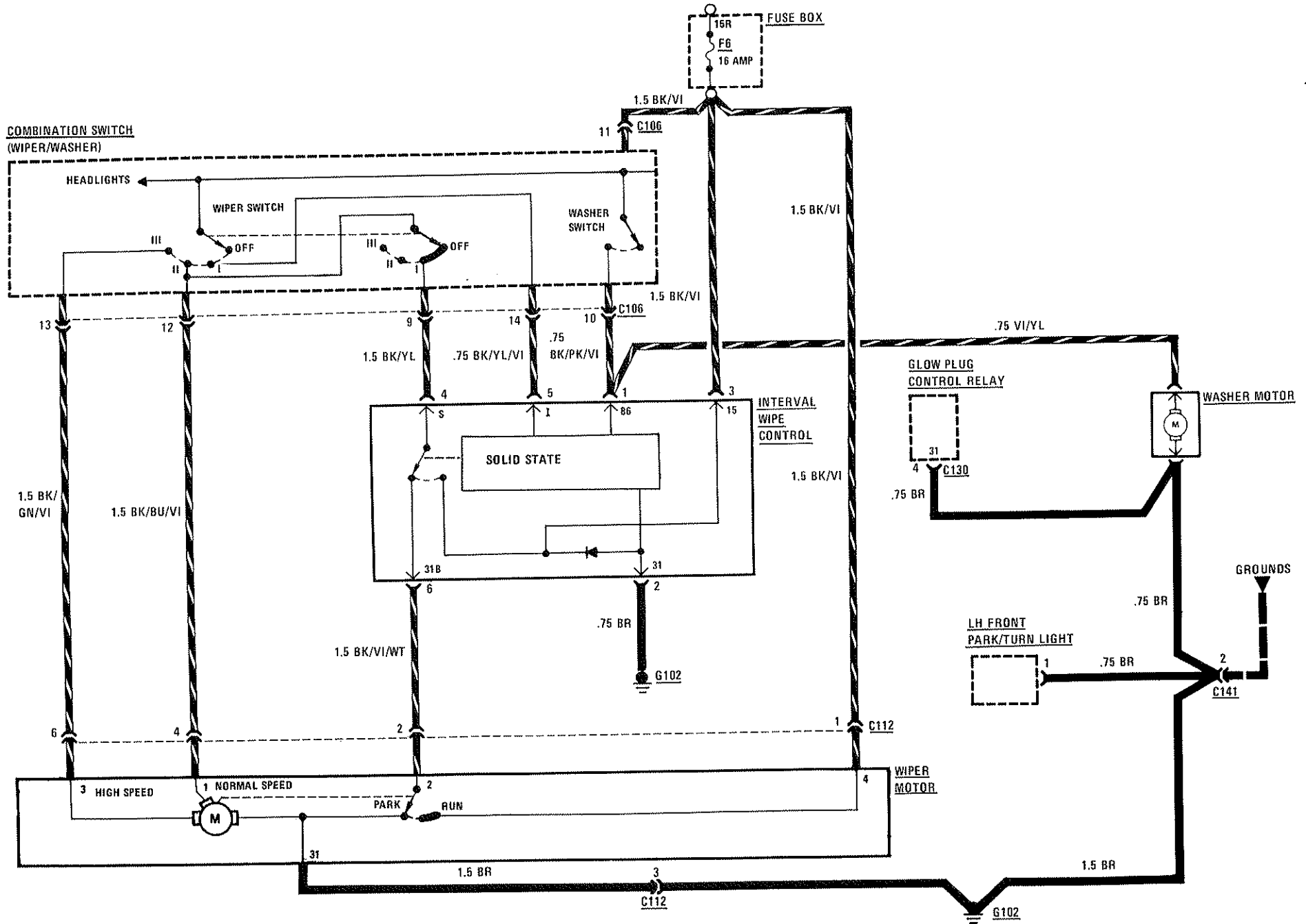
(For Component Locations See Page 206)



WIPER/WASHER

(For Component Locations See Page 206)

HOT IN ACCY. RUN OR START

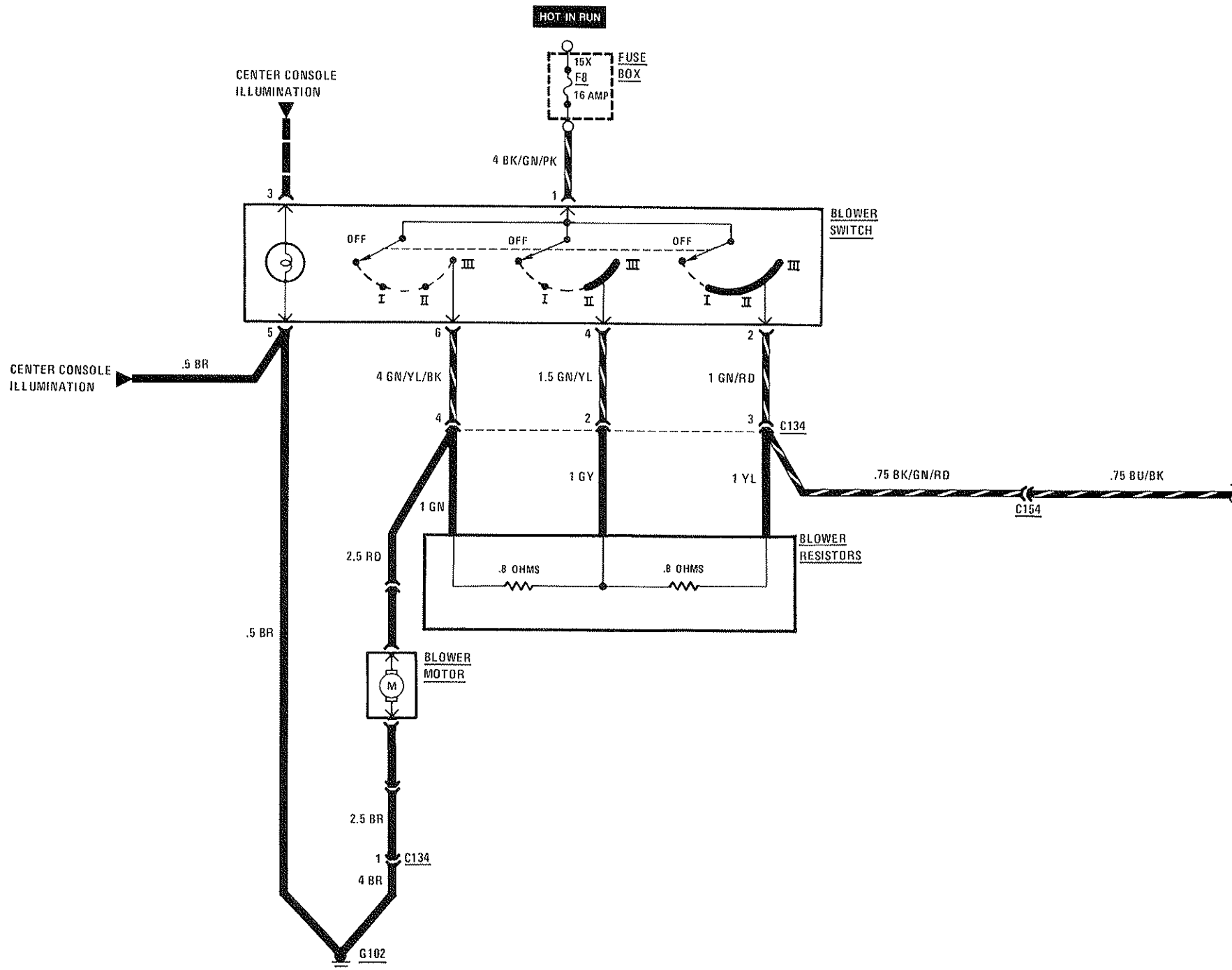


123
240
D

AIR CONDITIONING/HEATER

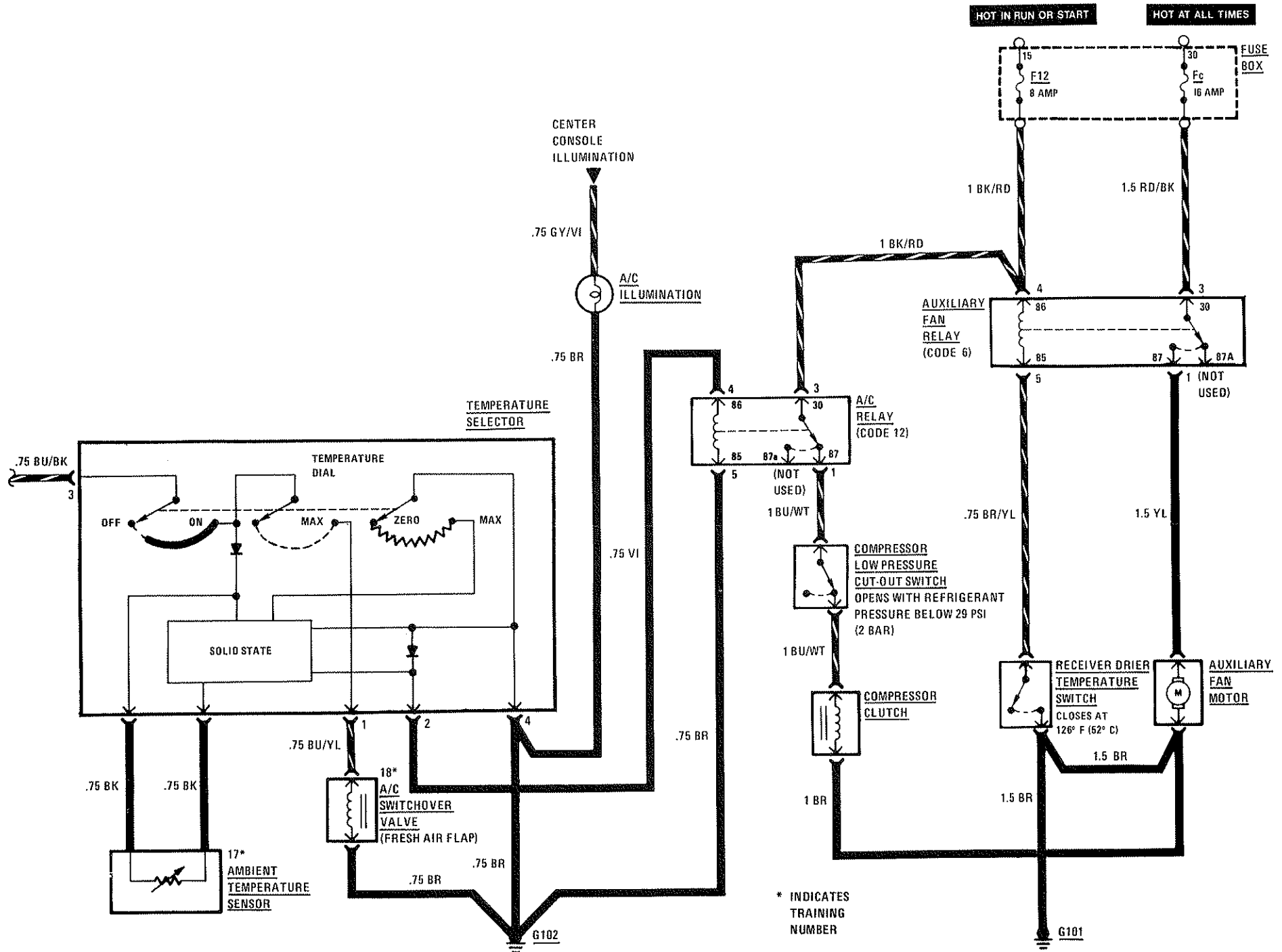
(For Component Locations See Page 201)

124
240
D



AIR CONDITIONING/HEATER/AUXILIARY FAN

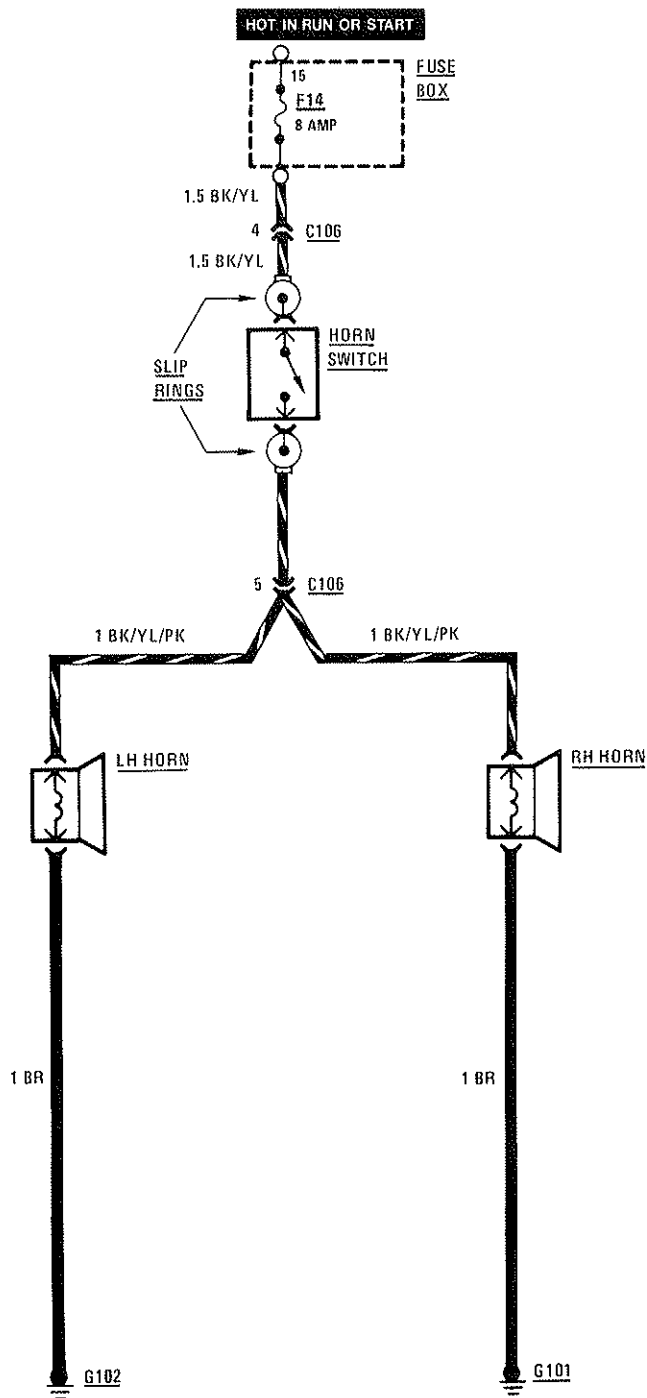
(For Component Locations See Page 201)



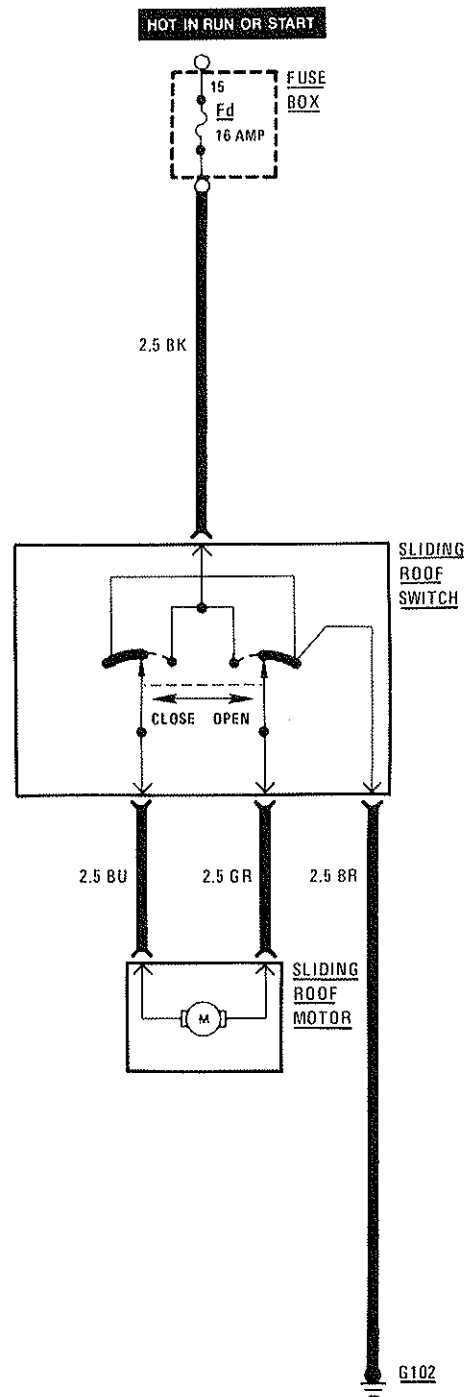
125
240
D

HORNS

(For Component Locations See Page 203)



SLIDING ROOF

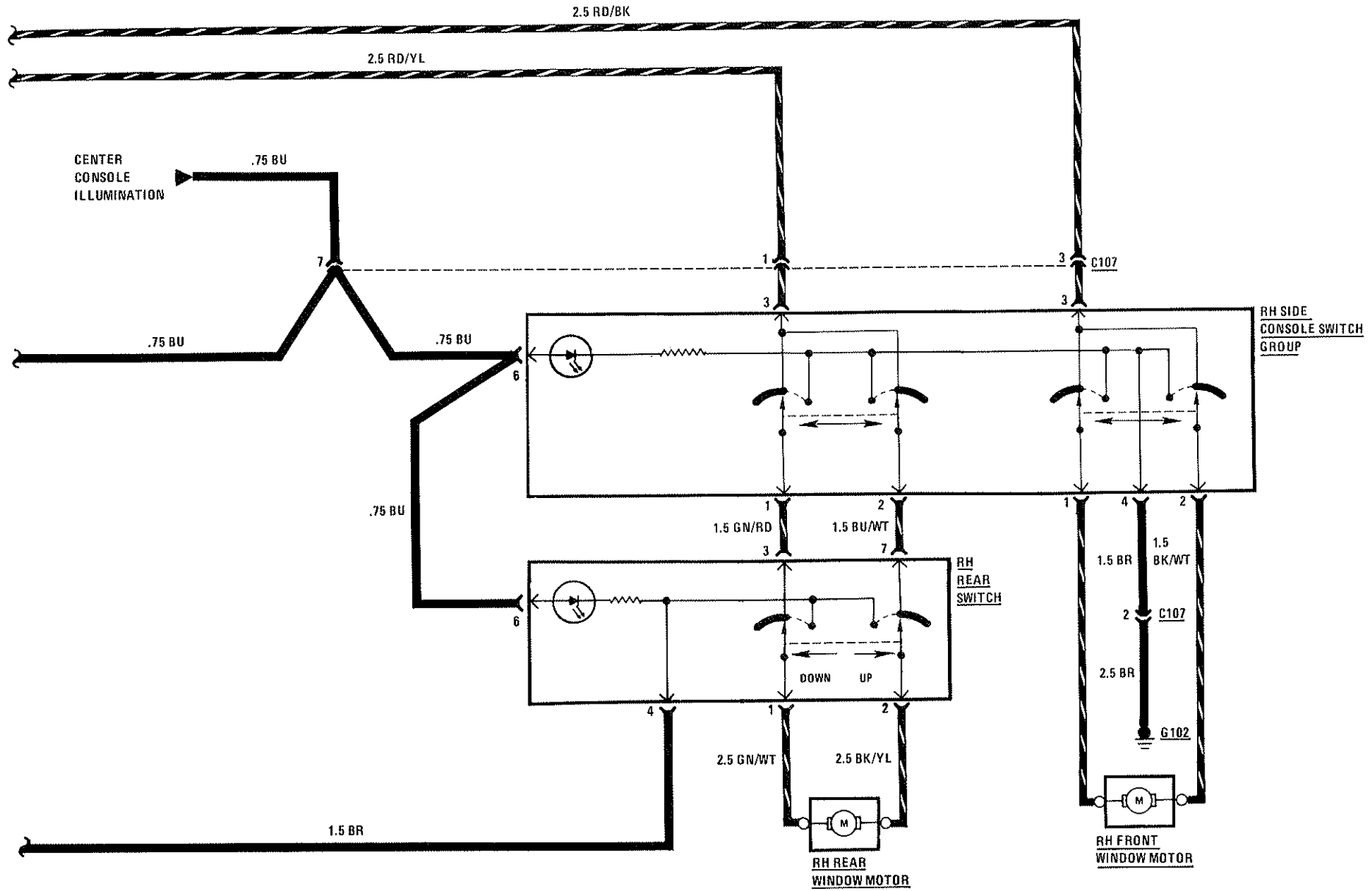


127
240
0

POWER WINDOWS

(For Component Locations See Page 204)

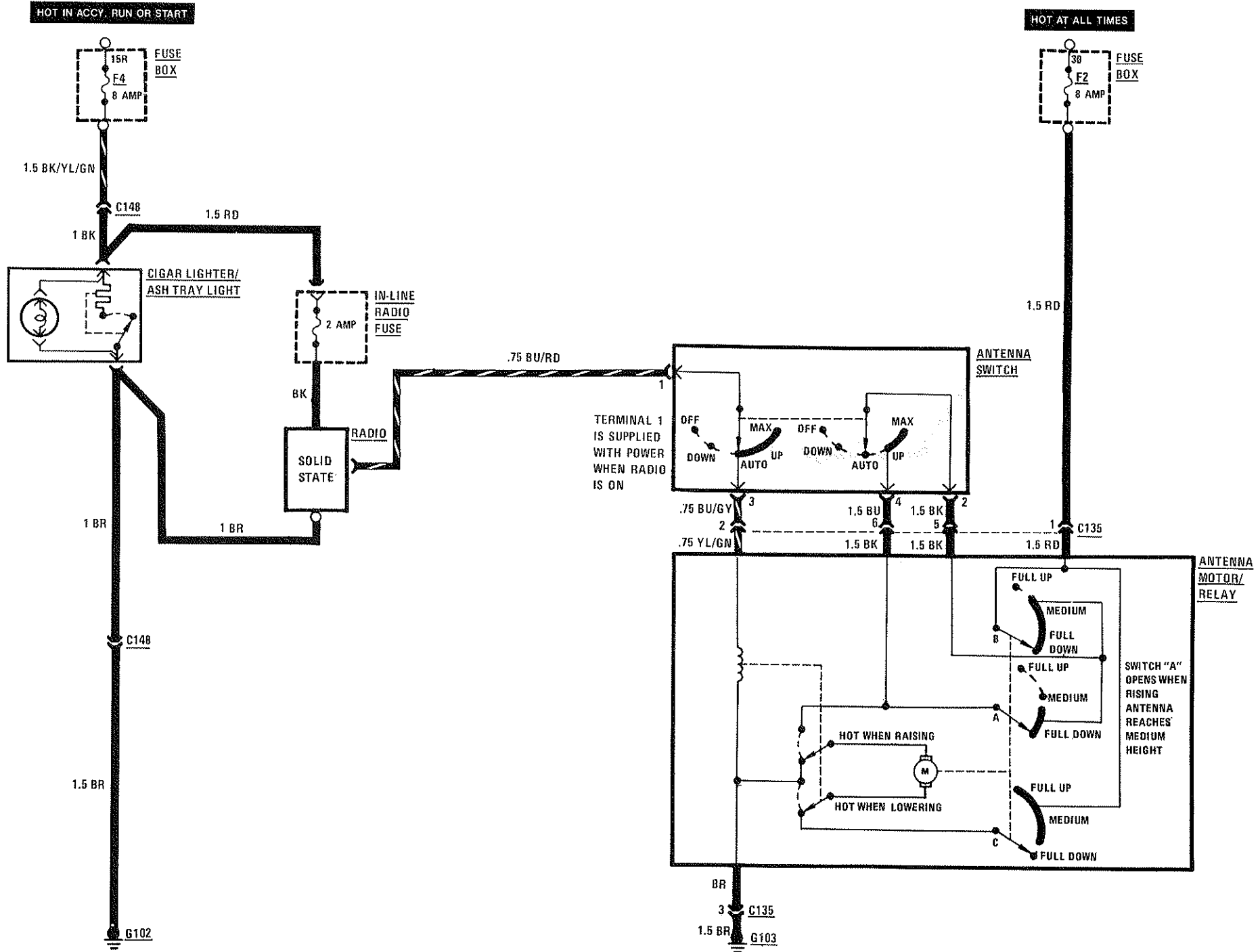
129
240
0



CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

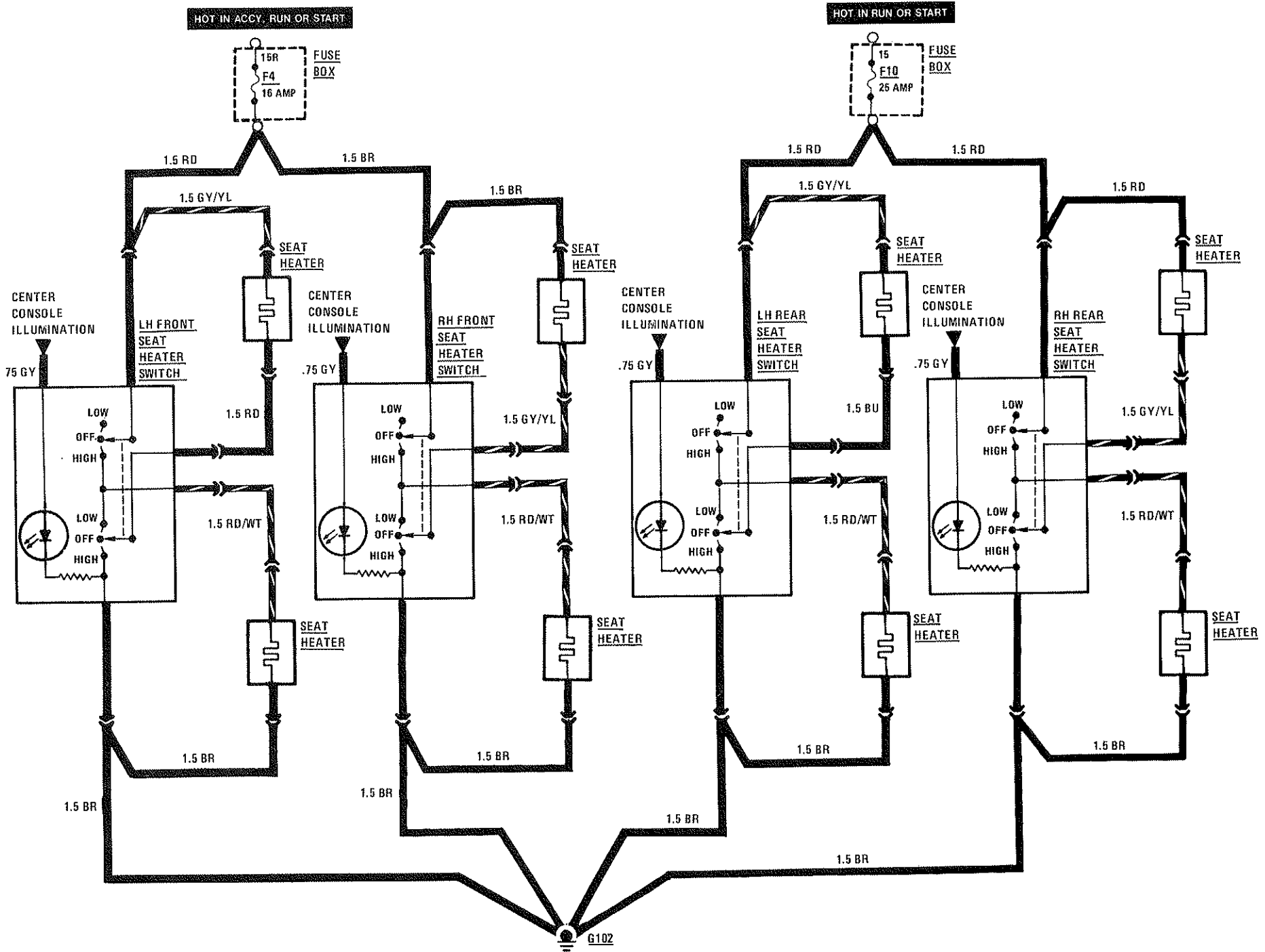
(For Component Locations See Page 202)

130
240
D



HEATED SEATS

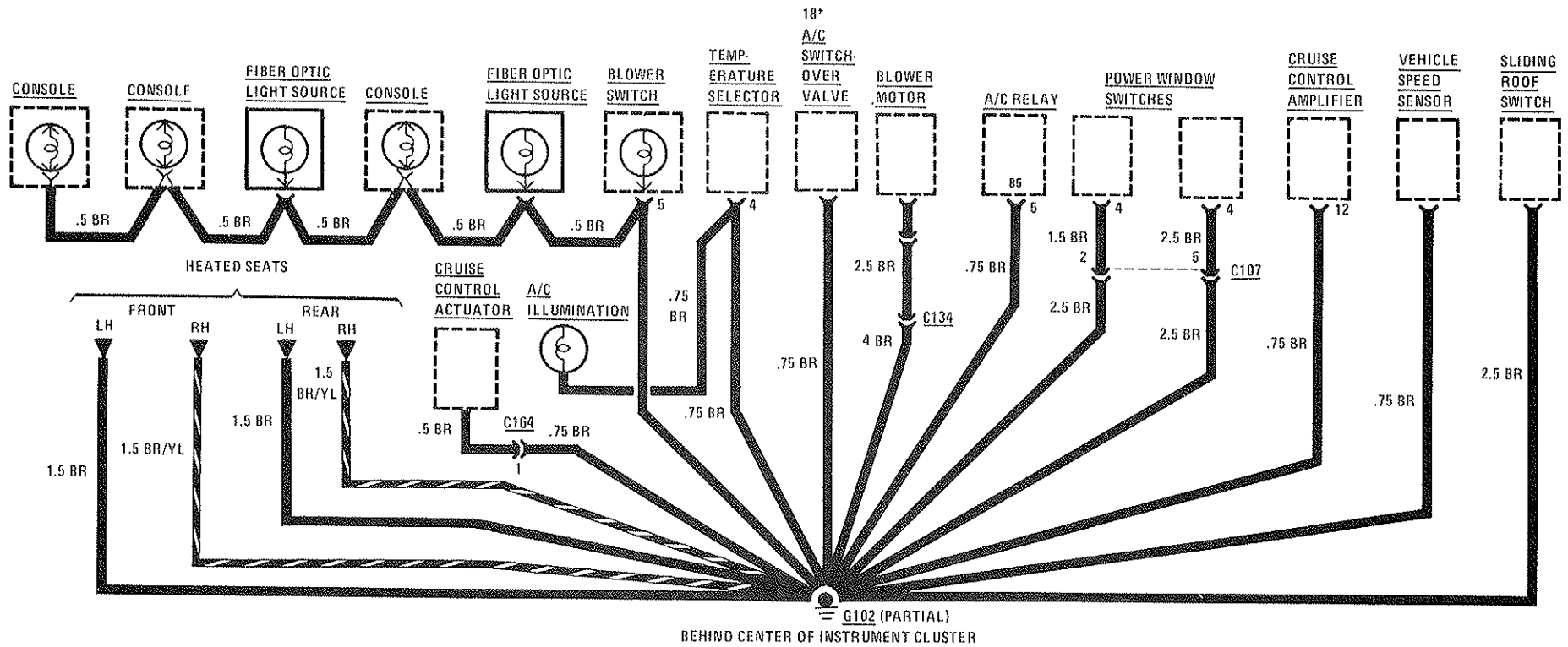
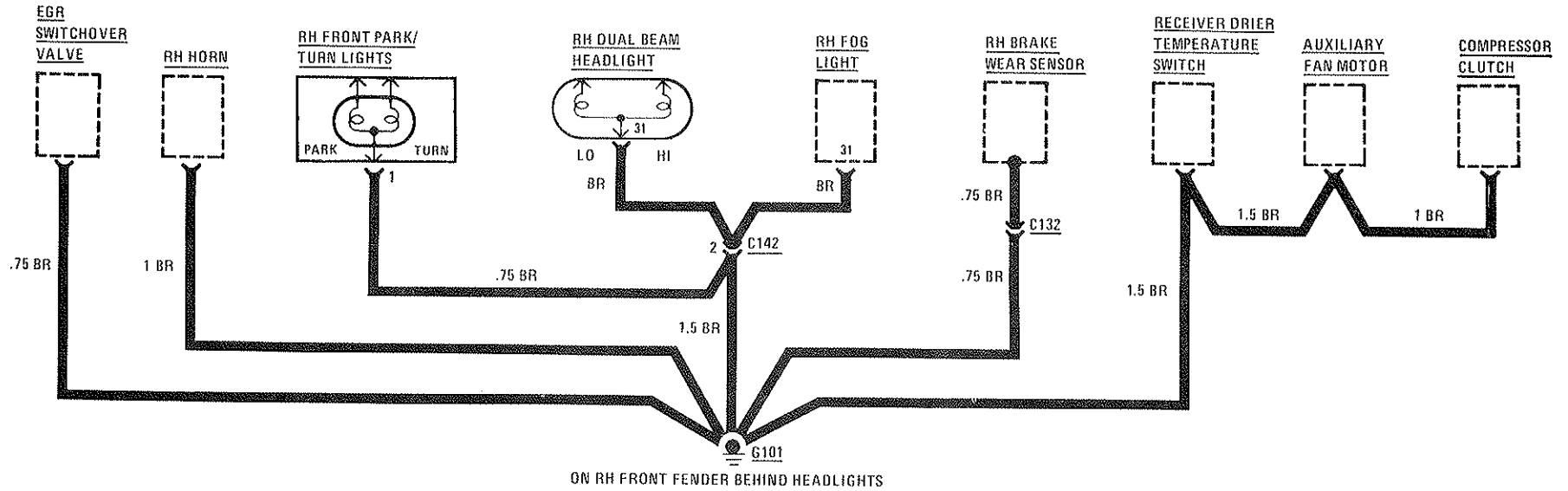
(For Component Locations See Page 203)



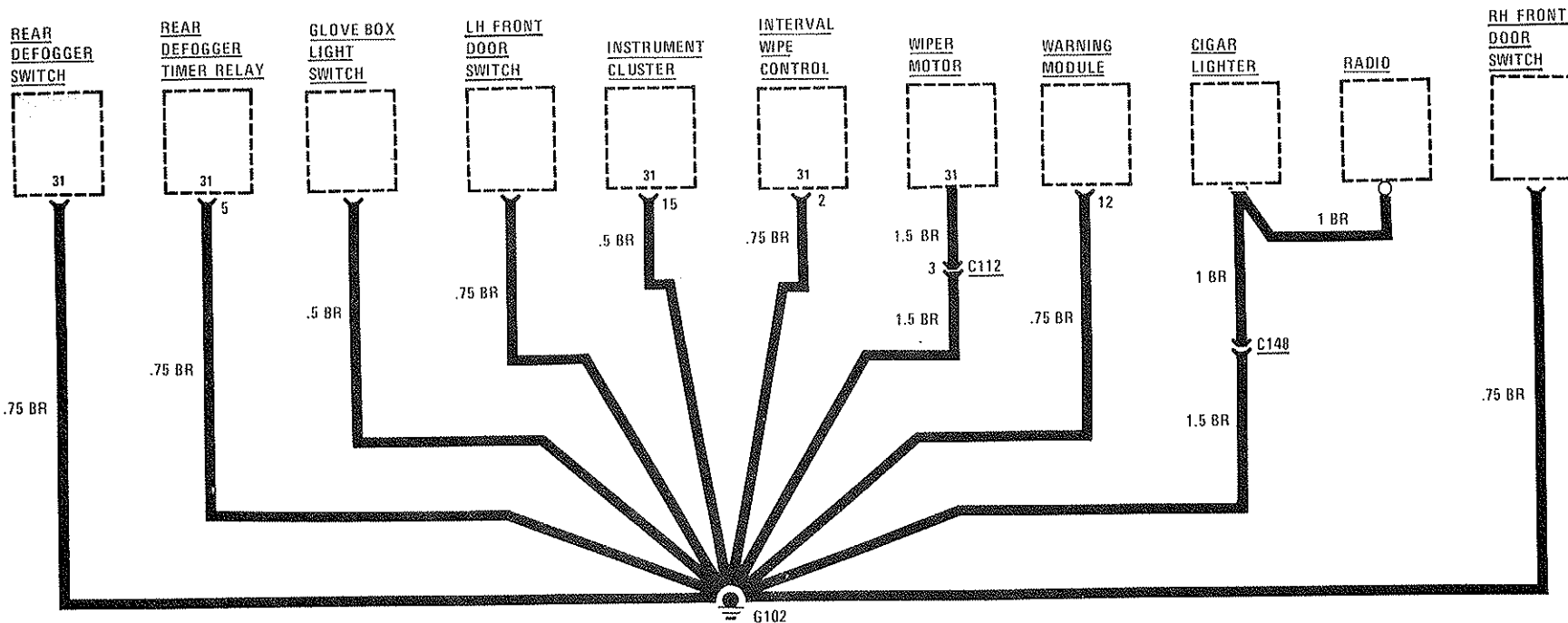
131
240
D

GROUND DISTRIBUTION

132
240
D

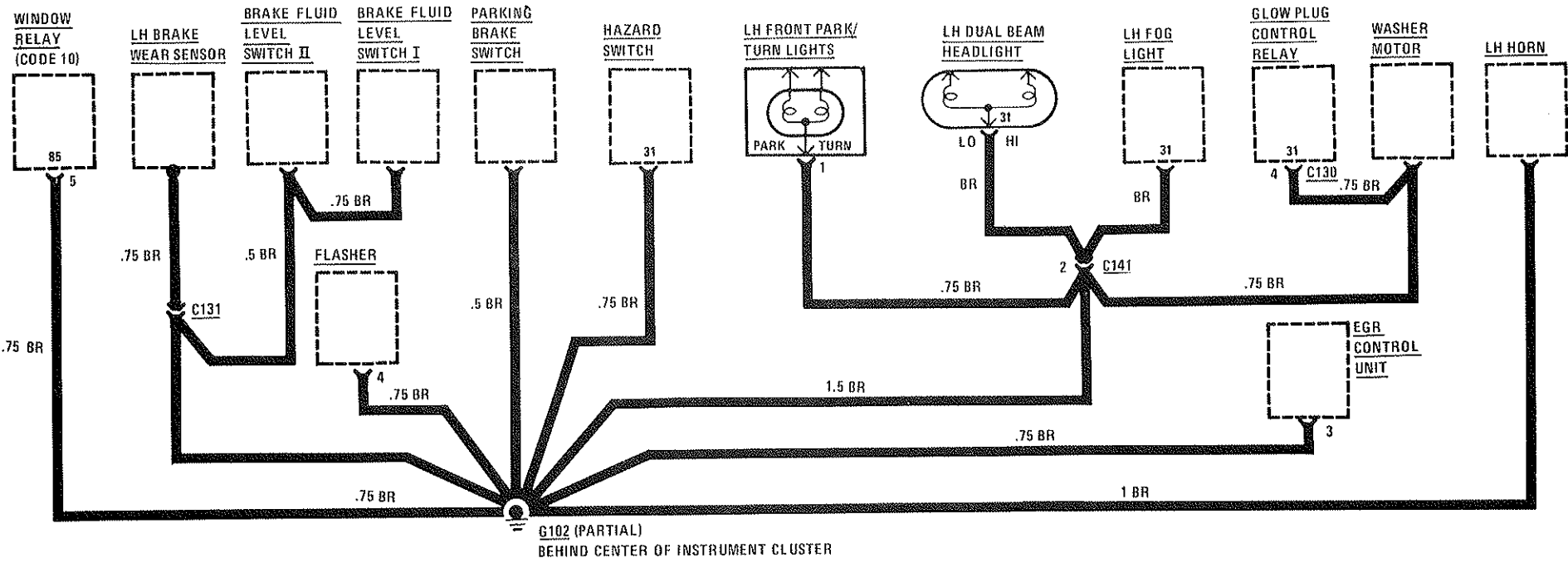


GROUND DISTRIBUTION



133
240
D

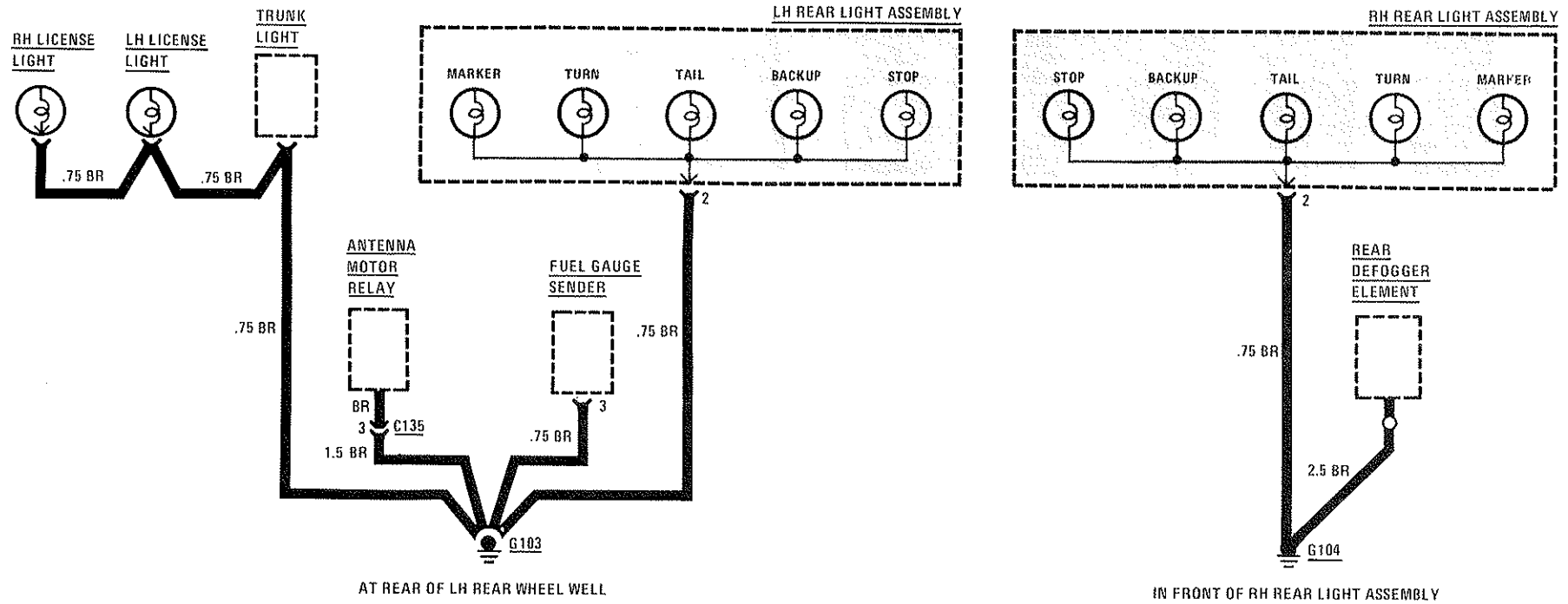
G102
BEHIND CENTER OF INSTRUMENT CLUSTER



G102 (PARTIAL)
BEHIND CENTER OF INSTRUMENT CLUSTER

GROUND DISTRIBUTION

134
240
0



COMPONENT LOCATIONS

AIR CONDITIONING/HEATER/AUXILIARY FAN

		Page-Figure
Compressor Clutch	Lower LH front of engine	207-3
Compressor Low Pressure		
Cut-Out Switch	On receiver drier	201-1
A/C Relay	Top of LH front wheel well, in relay box	201-2
A/C Temperature Selector	On upper console	
Ambient Temperature Sensor	Above LH side of passenger's footwell	208-1
Auxiliary Fan Motor	Front of radiator	
Auxiliary Fan Relay	Top of LH front wheel well, in relay box	201-2
Blower Motor	Above passenger's footwell	208-2
Blower Resistors	Above passenger's footwell, in fresh air duct	
Blower Switch	On upper console	
Fuse Box	LH rear corner of engine compartment	100-1
Receiver Drier Temperature		
Switch	On receiver drier, behind RH headlights	201-1
Switch-Over Valve	Above Passenger's footwell next to blower motor	208-3
C134 (4 pins)	Above LH side of passenger's footwell	208-1
C154 (1 pin)	Above passenger's footwell	
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1

BACKUP LIGHTS/TRANSMISSION KICKDOWN/GLOVE BOX LIGHT

Backup Light Switch	Base of manual transmission shifter	
Fuse Box	LH rear corner of engine compartment	100-1
Kickdown Solenoid	RH front of transmission	206-2
Kickdown Switch	Under accelerator pedal	
Starter Lockout/Backup		
Light Switch	LH side of automatic transmission	208-4
C104 (14 pins)	To right of parking brake support	205-2
C146 (4 pins)	Beside upper console, above accelerator	208-5
G102	Behind instrument cluster	202-1
G103	In trunk, on rear of LH wheel well	202-2
G104	Ahead of RH rear light assembly	204-1

CENTER CONSOLE ILLUMINATION

Blower Switch	On upper console	
Fiber Optic Light Sources	Behind upper console	
Fuse Box	LH rear corner of engine compartment	100-1
Hazard Switch	On center console	
Light Switch	Instrument panel, left of steering column	
C124	Behind center console	
G102	Behind instrument cluster	202-1

Page-Figure

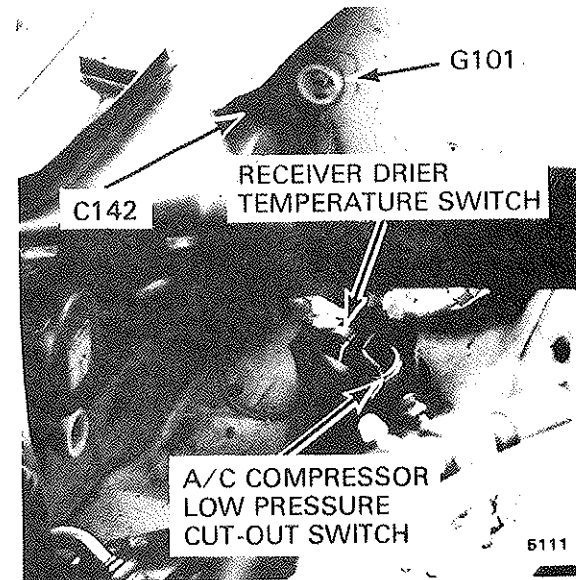


Figure 1 - Behind RH Headlight Assembly



Figure 2 - Top Of LH Front Wheel Well

COMPONENT LOCATIONS

CHARGING SYSTEM

		Page-Figure
Alternator	Front of engine	
Battery	RH rear of engine compartment	206-1
Fuse Box	LH rear corner of engine compartment	100-1
Ignition Switch	Instrument panel, right of steering column	205-1
Light Switch	Instrument panel, left of steering column	
Starter Assembly	Lower RH rear of engine	
Warning Module	Right of parking brake support	205-2
G100	RH front fender, ahead of battery	206-1

CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

Antenna Motor/Relay	Behind LH rear wheel well	202-2
Antenna Switch	On upper console	
Fuse Box	LH rear corner of engine compartment	100-1
In-Line Radio Fuse	In upper console behind radio	
C135 (6 pins)	Behind LH rear wheel well near antenna motor/relay	
C148 (2 pins)	Behind rear of ash tray	
G102	Behind instrument cluster	202-1
G103	In trunk, on rear of LH wheel well	202-2

COURTESY LIGHTS

Door Switches	In each door jamb	
Front Dome Light and Switch	Above rear view mirror assembly	
Rear Dome Light Switch	On upper console	
Warning Module	To right of parking brake support	205-2
G102	Behind instrument cluster	202-1

EXHAUST GAS RECIRCULATION

EGR Control Unit	Above RH side of passenger's footwell	208-2
EGR Switchover Valve	RH front fender behind headlights	208-6
EGR Valve	RH side of engine in exhaust manifold	209-5
Fuse Box	LH rear corner of engine compartment	100-1
Mechanical Switchover Valve	Top rear of valve cover	209-1
TDC Transmitter	Front of cylinder block	209-2
Thermo-Vacuum Valve	RH front side of cylinder block	209-3
Vacuum Control Valve	Top rear of fuel injection pump	209-1
Vehicle Speed Sensor	Mounted on rear of speedometer	208-5
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1



Figure 1 - Behind Instrument Cluster

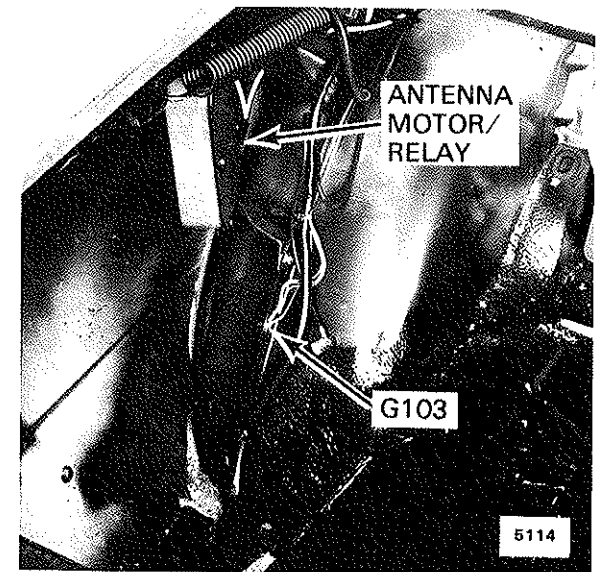


Figure 2 - Behind LH Rear Wheel Well

COMPONENT LOCATIONS

HEADLIGHTS/FOG LIGHTS

		Page-Figure
Combination Switch	Upper LH side of steering column	203-2
Light Switch	Instrument panel, left of steering column	
C106 (14 pins)	To left of brake pedal support	205-2
C141 (4 pins)	Behind LH headlight assembly	
C142 (4 pins)	Behind RH headlight assembly	201-1
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1

HEATED SEATS

Fuse Box	LH rear corner of engine compartment	100-1
Seat Heaters	In each seat cushion	
Seat Heater Switches	In center console	
G102	Behind instrument cluster	202-1

HORNS/SLIDING ROOF

Fuse Box	LH rear corner of engine compartment	100-1
Horn Switch	In steering wheel	
Sliding Roof Motor	In trunk, above LH wheel well	
Sliding Roof Switch	On upper console	
Slip Rings	Behind center of steering wheel	203-2
C106 (14 pins)	To left of brake pedal support	205-2
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1

LIGHTS: MARKER/LICENSE/TRUNK

Fuse Box	LH rear corner of engine compartment	100-1
Light Switch	Instrument panel, left of steering column	
C104 (14 pins)	To right of parking brake support	205-2
G103	In trunk, on rear of LH wheel well	202-2
G104	Ahead of RH rear light assembly	204-1

LIGHTS: PARK/TAIL

Fuse Box	LH rear corner of engine compartment	100-1
Light Switch	Instrument panel, left of steering column	
C104 (14 pins)	To right of parking brake support	205-2
C141 (4 pins)	Behind LH headlight assembly	
C142 (4 pins)	Behind RH headlight assembly	201-1
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1
G103	In trunk, on rear of LH wheel well	202-2
G104	Ahead of RH rear light assembly	204-1

Page-Figure



Figure 1 - LH Front Wheel Well

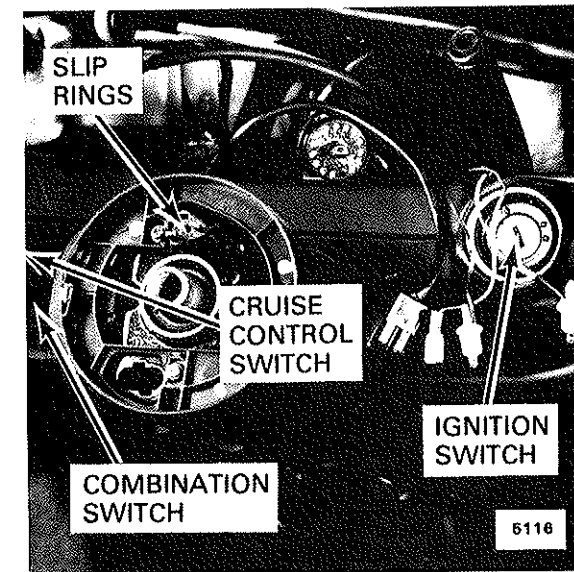


Figure 2 - Top of Steering Column

COMPONENT LOCATIONS

204
240
D

POWER DISTRIBUTION

		Page-Figure
Fuse Box	LH rear corner of engine compartment	100-1
Ignition Switch	Instrument panel, right of steering column	205-1
Light Switch	Instrument panel, left of steering column	
Starter Assembly	Lower RH rear of engine	
C104 (14 pins)	To right of parking brake support	205-2
G100	RH front fender, ahead of battery	206-1

POWER WINDOWS

Console Switch Group	On center console	
Fuse Box	LH rear corner of engine compartment	100-1
Rear Window Switches	Below each rear window	
Window Motors	Below each window	207-2
Window Relay	Behind instrument cluster	204-2
C107 (6 pins)	Under console	
C108 (2 pins)	Under console	
G102	Behind instrument cluster	202-1

PRE-GLOW SYSTEM

Fuse Box	LH rear corner of engine compartment	100-1
Glow Plug Control Relay	Behind LH headlights	203-1
Ignition Switch	Instrument panel, right of steering column	205-1
Starter Assembly	Lower RH side of engine	
Starter Lockout/Backup		
Light Switch	LH side of automatic transmission	208-4
Washer Motor	Bottom of washer fluid reservoir, behind LH headlights	
C141 (4 pins)	Behind LH headlight assembly	
C146 (4 pins)	Beside upper console, above accelerator	208-5
G100	RH front fender, ahead of battery	206-1
G102	Behind instrument cluster	202-1

REAR DEFOGGER

Fuse Box	LH rear corner of engine compartment	100-1
Rear Defogger Switch	On upper console	
Rear Defogger Timer Relay ..	Behind LH side of instrument cluster	204-2
C104 (14 pins)	To right of parking brake support	205-2
G102	Behind instrument cluster	202-1
G104	Ahead of RH rear light assembly	204-1

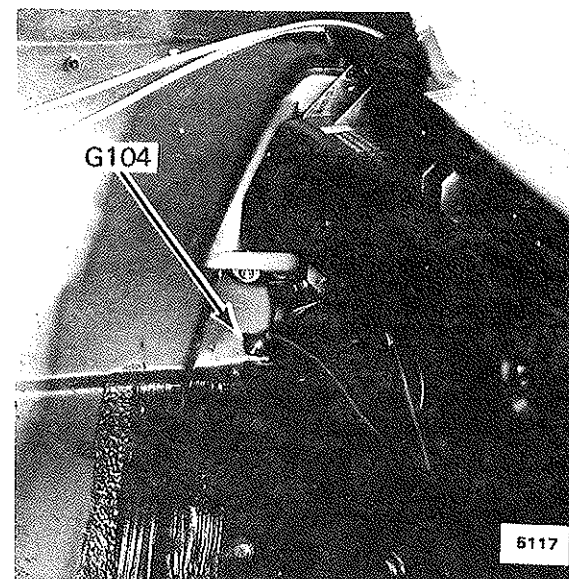


Figure 1 - Ahead of RH Rear Lights

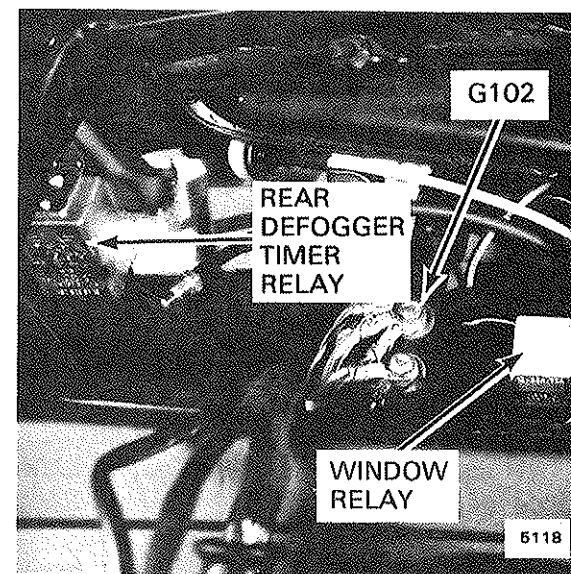


Figure 2 - Behind Instrument Cluster

COMPONENT LOCATIONS

START/STOP (IGNITION SWITCH)

		Page-Figure
Fuel Shutoff Diaphragm	Rear of fuel injection pump	207-4
Ignition Switch	Instrument panel, right of steering column	205-1
Light Switch	Instrument panel, left of steering column	
Starter Assembly	Lower RH rear of engine	
Starter Lockout/Backup		
Light Switch	LH side of automatic transmission	208-4
C146 (4 pins)	Beside upper console, above accelerator	208-5
G100	RH front fender, ahead of battery	206-1

STOPLIGHTS/CRUISE CONTROL

Brake Switch	Top of brake pedal support	205-2
Clutch Switch	On clutch pedal support	
Cruise Control Actuator	Left front of engine	207-6
Cruise Control Amplifier	On LH undercover of I/P	209-4
Cruise Control Switch	Upper LH side of steering column	203-2
Fuse Box	LH rear corner of engine compartment	100-1
Vehicle Speed Sensor	Mounted on rear of speedometer	207-5
C104 (14 pins)	To right of parking brake support	205-2
C113 (2 pins)	Above clutch pedal	
C114 (2 pins)	Above clutch pedal	
C140 (6 pins)	On LH undercover of I/P	209-4
C164	LH front fender behind headlight	203-1
C165	Under LH side of I/P near brake pedal support	
G102	Behind instrument cluster	202-1
G103	In trunk, on rear of LH wheel well	202-2
G104	Ahead of RH rear light assembly	204-1

TURN SIGNAL/HAZARD LIGHTS

Combination Switch	Upper LH side of steering column	203-2
Fuse Box	LH rear corner of engine compartment	100-1
Hazard Switch	Center console	
Flasher	In center console forward of shift lever	
C104 (14 pins)	To right of parking brake support	205-2
C106 (14 pins)	To left of brake pedal support	205-2
C141 (4 pins)	Behind LH headlight assembly	
C142 (4 pins)	Behind RH headlight assembly	201-1
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1
G103	In trunk, on rear of LH wheel well	202-2
G104	Ahead of RH rear light assembly	204-1

Page-Figure

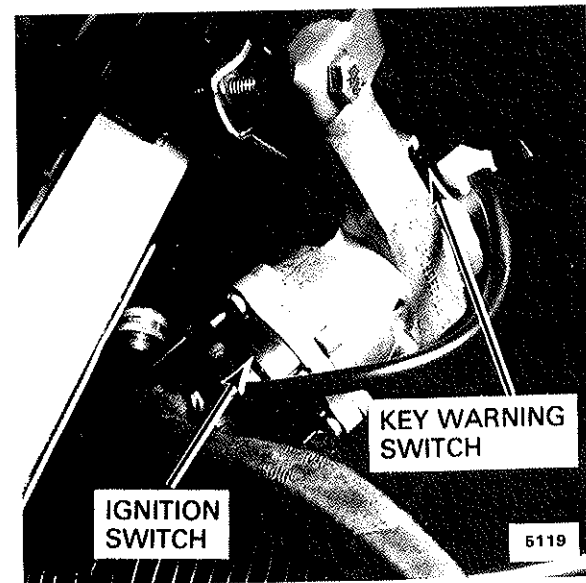


Figure 1 - Ignition Switch (As Seen From Below)

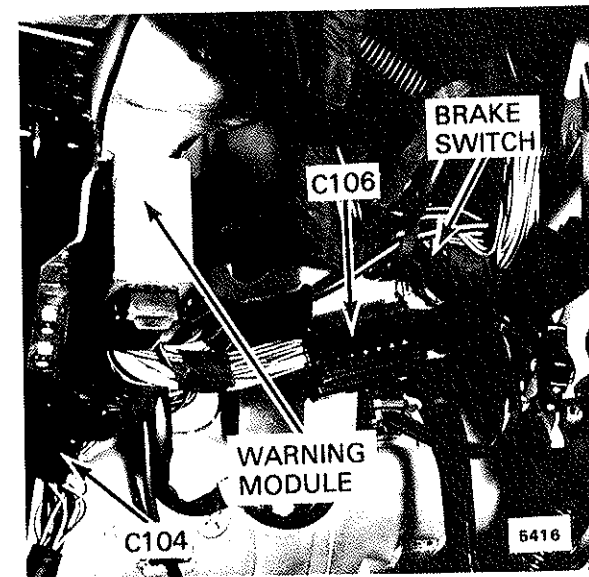


Figure 2 - To Left of Steering Column

COMPONENT LOCATIONS

Page-Figure

CLUSTER ILLUMINATION

Brake Wear Sensors	In each front brake pad	
Coolant Temperature Sender	Left center of engine cylinder head	207-4
Fuel Gauge Sender	Under first aid kit tray	
Fuse Box	LH rear corner of engine compartment	100-1
Light Switch	Instrument panel, left of steering column	
C104 (14 pins)	To right of parking brake support	205-2
C131 (2 pins)	Beside power brake master cylinder	201-2
C132 (2 pins)	Between battery and RH front wheel well	206-1
G101	RH front fender, behind headlights	201-1
G102	Behind instrument cluster	202-1
G103	In trunk, on rear of LH wheel well	202-2

WARNING INDICATORS/GAUGES/CLOCK/INSTRUMENT

Brake Fluid Level		
Switches	Brake fluid reservoir	201-2
Door Switches	In each door jamb	
Driver's Seatbelt Switch	Part of driver's seatbelt assembly	
Fuse Box	LH rear corner of engine compartment	100-1
Key Warning Switch	Part of ignition switch	205-1
Parking Brake Switch	On parking brake support	
Warning Module	To right of parking brake support	205-2
C104 (14 pins)	To right of parking brake support	205-2
C131 (2 pins)	Beside power brake master cylinder	201-2
C166 (2 pins)	Under driver's seat	
G102	Behind instrument cluster	202-1

WIPER/WASHER

Combination Switch	Upper LH side of steering column	203-2
Fuse Box	LH rear corner of engine compartment	100-1
Interval Wipe Control	Behind LH side of instrument cluster	202-1
Washer Motor	Bottom of washer fluid reservoir, behind LH headlights	
Wiper Motor	In center of fresh air duct	
C106 (14 pins)	To left of brake pedal support	205-2
C112 (6 pins)	To upper right of power brake booster	207-1
C141 (4 pins)	Behind LH headlight assembly	
G102	Behind instrument cluster	202-1

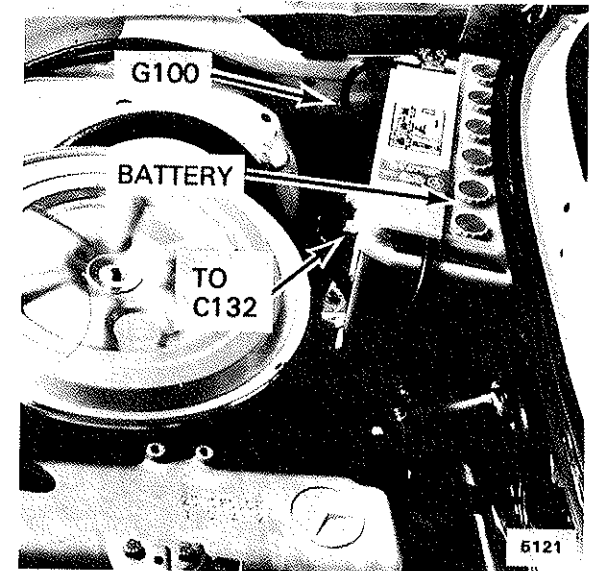


Figure 1 - Ahead of Battery

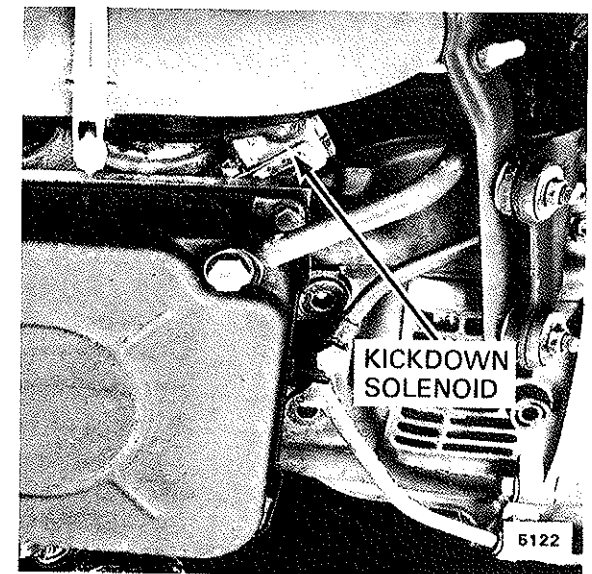


Figure 2 - RH Side of Automatic Transmission

206

240

D

COMPONENT LOCATIONS

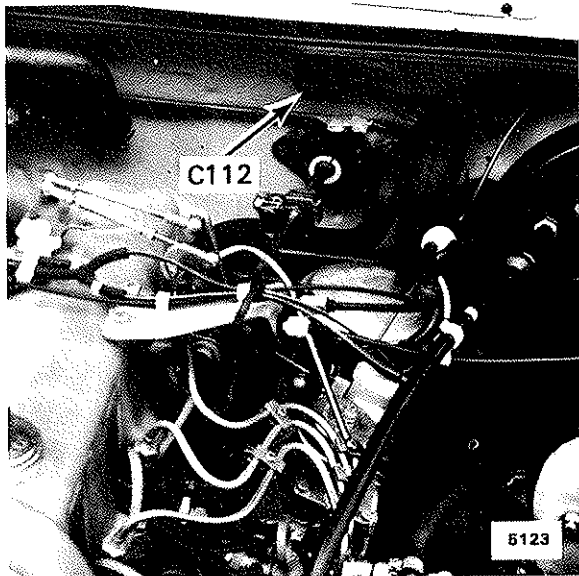


Figure 1 - To Right Of Power Brake Booster



Figure 3 - Front LH Side Of Engine

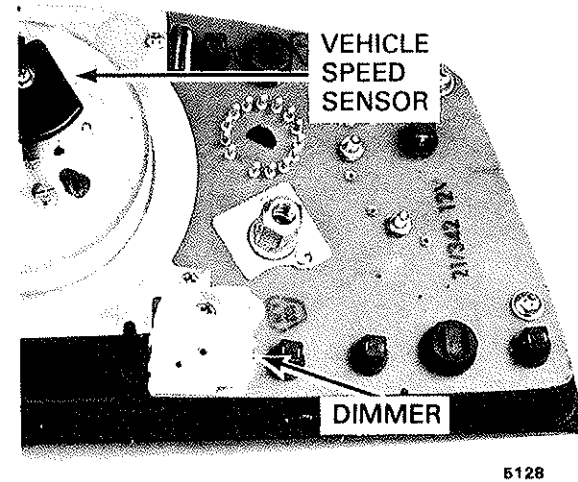


Figure 5 - Back Of Instrument Cluster



Figure 2 - Driver's Door

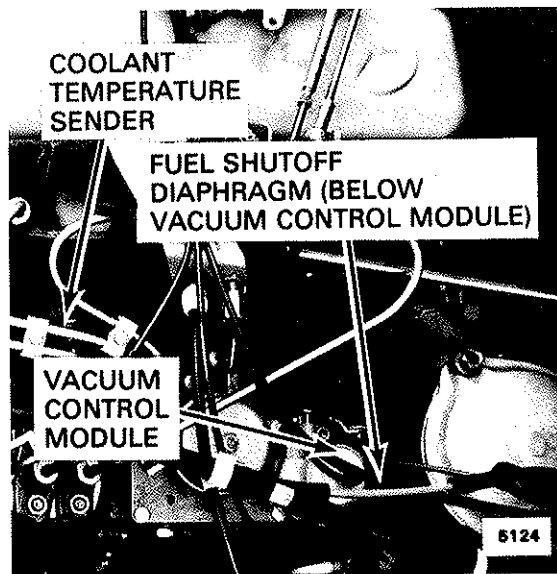


Figure 4 - Rear RH Side Of Engine



Figure 6 - LH Side Of Engine

COMPONENT LOCATIONS

208
240
0

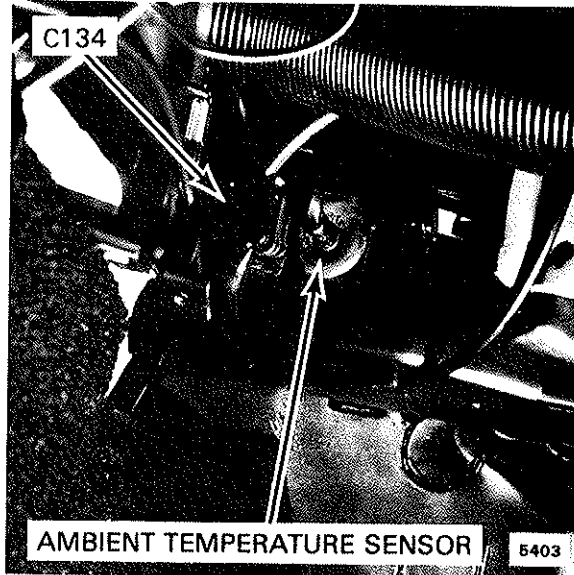


Figure 1 - Under RH Side Of Instrument Panel

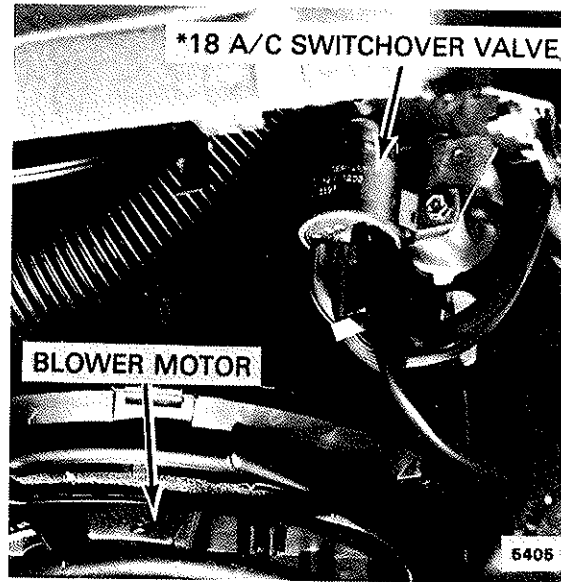


Figure 3 - Above RH Side Of Passenger's Footwell

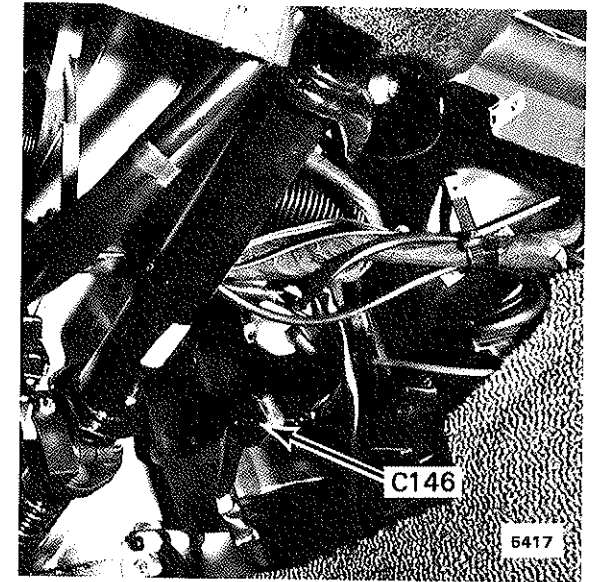


Figure 5 - To Right Of Steering Column

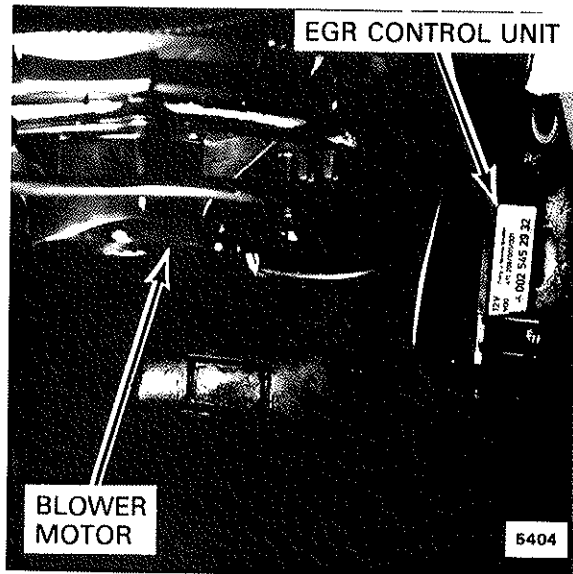


Figure 2 - Above RH Side Of Passenger's Footwell

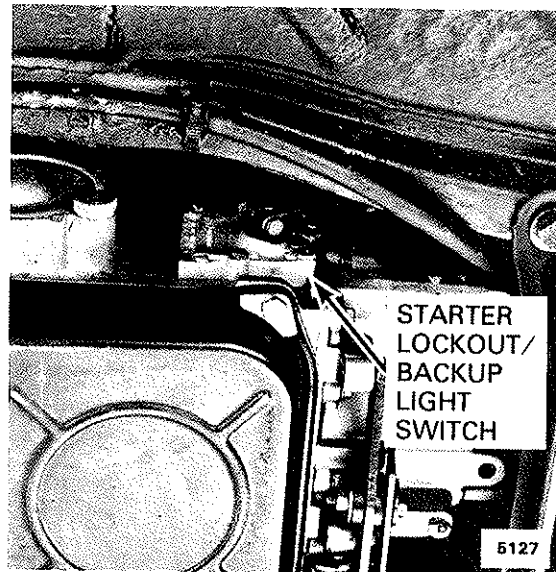


Figure 4 - LH Side Of Automatic Transmission



Figure 6 - Behind RH Headlight Assembly

COMPONENT LOCATIONS

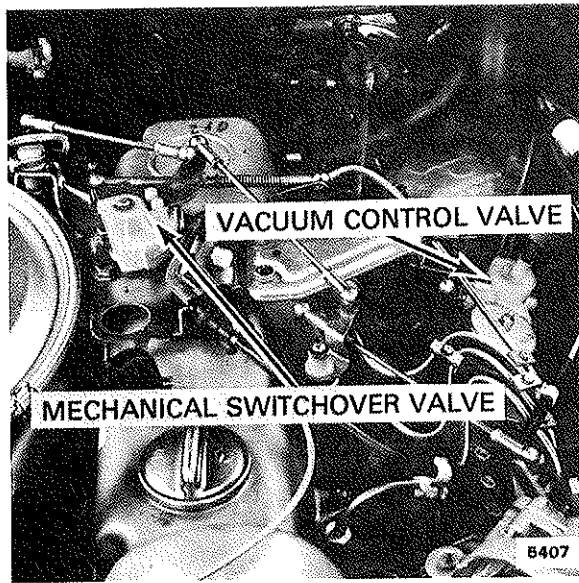


Figure 1 - LH Side Of Engine

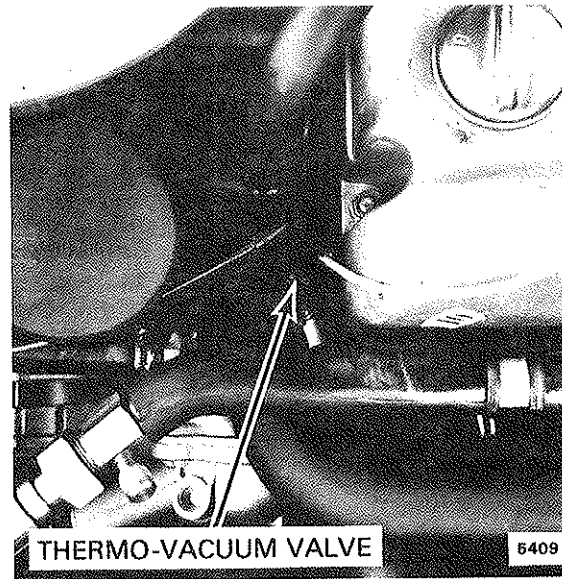


Figure 3 - Top RH Front Of Engine

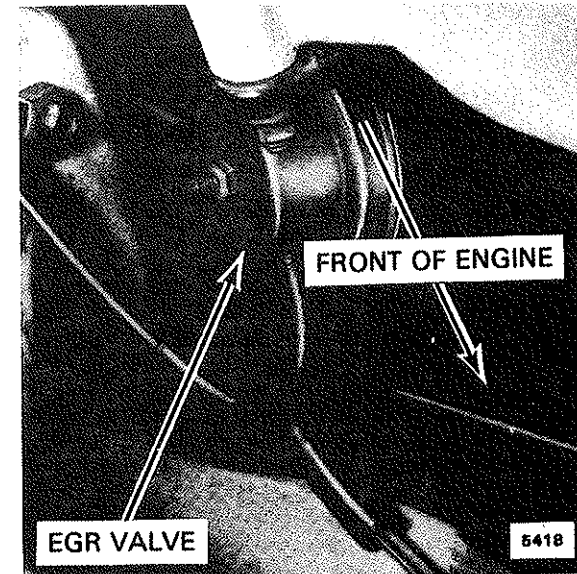


Figure 5 - RH Side Of Engine At Manifold



Figure 2 - Front Of Engine

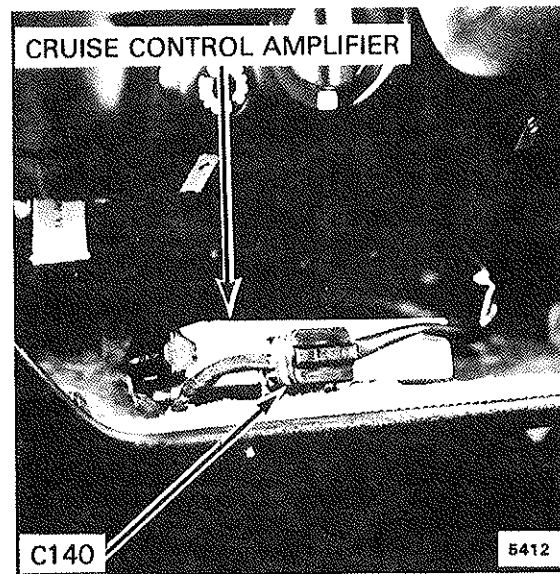


Figure 4 - LH Undercover Of Instrument Panel

100

300

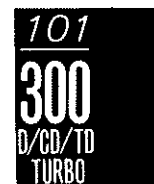
D/CD/TD
TURBO

INDEX

1982 SALES DESIGNATIONS	MODEL
300 D (TURBO)	123.133
300 CD (TURBO)	123.153
300 TD (TURBO)	123.193

INDEX - Alphabetical Listing of Electrical Circuits

	SCHEMATIC	COMPONENT LOCATION	Lights (continued)	SCHEMATIC	COMPONENT LOCATION
Automatic Antenna	115	202	—License	112,114	203,204
Automatic Climate Control...	119	310	—Marker	114	203
Auxiliary Fan	127	201	—Park	112	204
Charging System	108	202	—Stop	111	207
Cigar Lighter	115	202	—Tail	112	204
Clock	120	208	—Trunk	114	203
Cruise Control	111	207	—Turn Signal	116	207
Engine Overload Protection ..	109	201	Power Distribution	104	204
Fuse Information	102		Power Windows	132	205
Gauges	120	208	Pre-Glow System	106	205
Ground Distribution	136		Radio	115	202
Heated Seats	134	203	Rear Defogger	130	205
Horns	126	203	Rear Wiper/Washer	129	206
Lights			Seat Backrest Locking System	135	206
—Backup	109	201	Sliding Roof	126	203
—Center Console	124	201	Start/Stop (Ignition Switch) .	107	206
—Courtesy	122	203	Transmission Kickdown	109	201
—Fog Lights	110	203	Warning Indicators	120	208
—Glove Box	109	201	Warning System	118	208
—Hazard	116	207	Wiper/Washer	128	208
—Headlights	110	203			
—Instrument Cluster	121,124	208			



Fuse-Circuit List

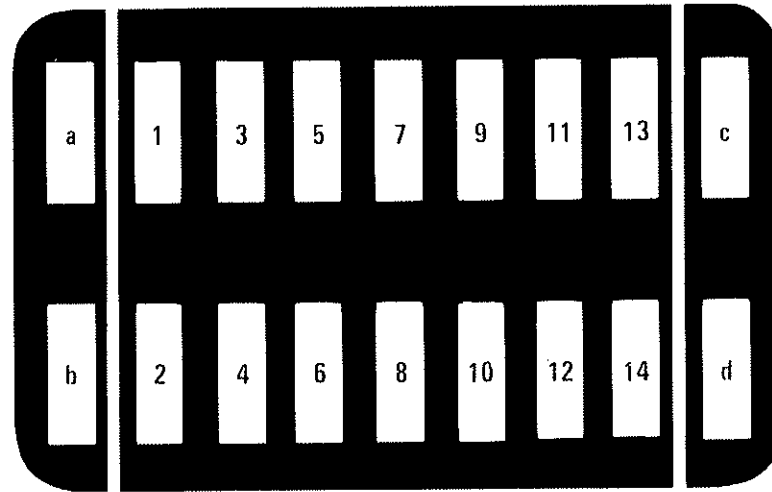
Fuse		Circuits Protected	Page
No.	Amps (color)		
1	8(WT)	Illumination: Instrument Cluster/ Center Console	124
		Lights: Marker/License	114
		Lights: Park/Tail (RH)	112
		Warning System	118
2	8(WT)	Automatic Antenna	115
		Clock	121
		Courtesy Lights	122
		Lights: Hazard	116
		Seat Backrest Locking System	135
		Trunk Light	114
Warning System	118		
3	8(WT)	Lights: Park/Tail (LH)	112
4	8(WT)	Radio	115
		Cigar Lighter	115
		Glove Box Light	109
	*16(PK)	*With Heated Seats (Front)	134
5		NOT USED	
6	16(PK)	Headlights	110
		Rear Wiper/Washer (TD only)	129
		Wiper/Washer	128
7	8(WT)	Headlights (RH High Beam)	110
8	16 (PK)	Automatic Climate Control	119

Fuse		Circuits Protected	Page
No.	Amps (color)		
9	8(WT)	Headlight (LH High Beam)	110
10	16(PK) *25(BU)	Rear Defogger (D & CD Only)	130
		Rear Defogger (TD Only)	131
		*With Heated Seats (Rear)	134
11	16(PK)	Headlights (RH Low Beam)/Fog Lights	110
12	8(WT)	Auxiliary Fan	127
		Lights: Turn Signal	116
		Power Windows	132
		Stoptlights/Cruise Control	111
		Warning Indicators/Gauges	120
13	8(WT)	Headlights (LH Low Beam)	110
14	8(WT)	Automatic Climate Control	119
		Backup Lights/Transmission Kickdown	109
		Engine Overload Protection	
		Horns	126
		Warning System	118
a	16(PK)	Power Windows (RF/LR)	132
b	16(PK)	Power Windows (LF/RR)	132
c	16(PK)	Auxiliary Fan	127
d	16(PK)	Sliding Roof	126
In-Line	80	Pre-Glow System (Part of Glow Plug Control Relay)	106

102

300
D/CD/TD
TURBO

FUSE BOX



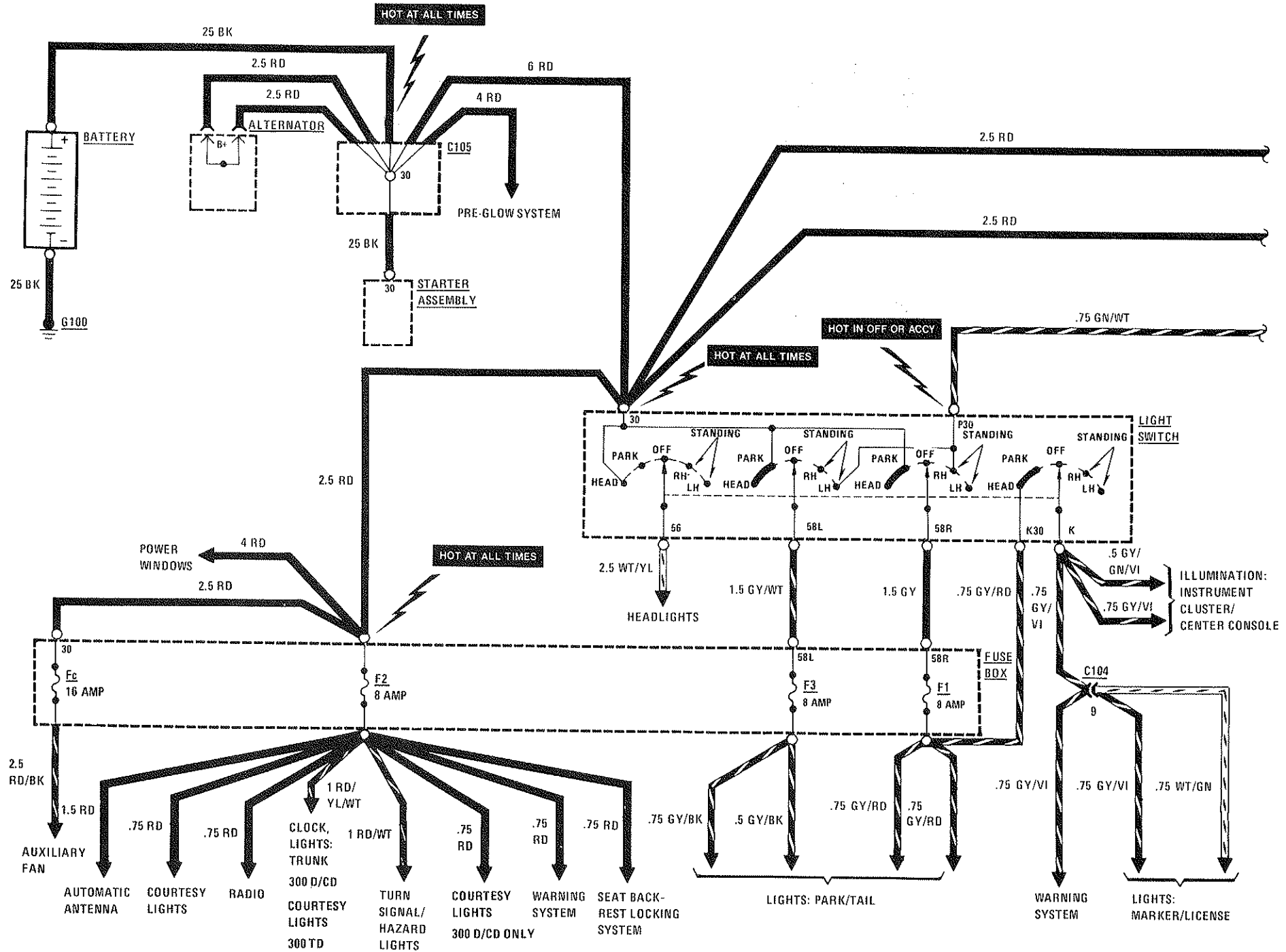
103
300
D/CD/TD
TURBO

RELAY CODE	RELAY USE
6	Auxiliary Fan Relay
10	Window Relay

POWER DISTRIBUTION

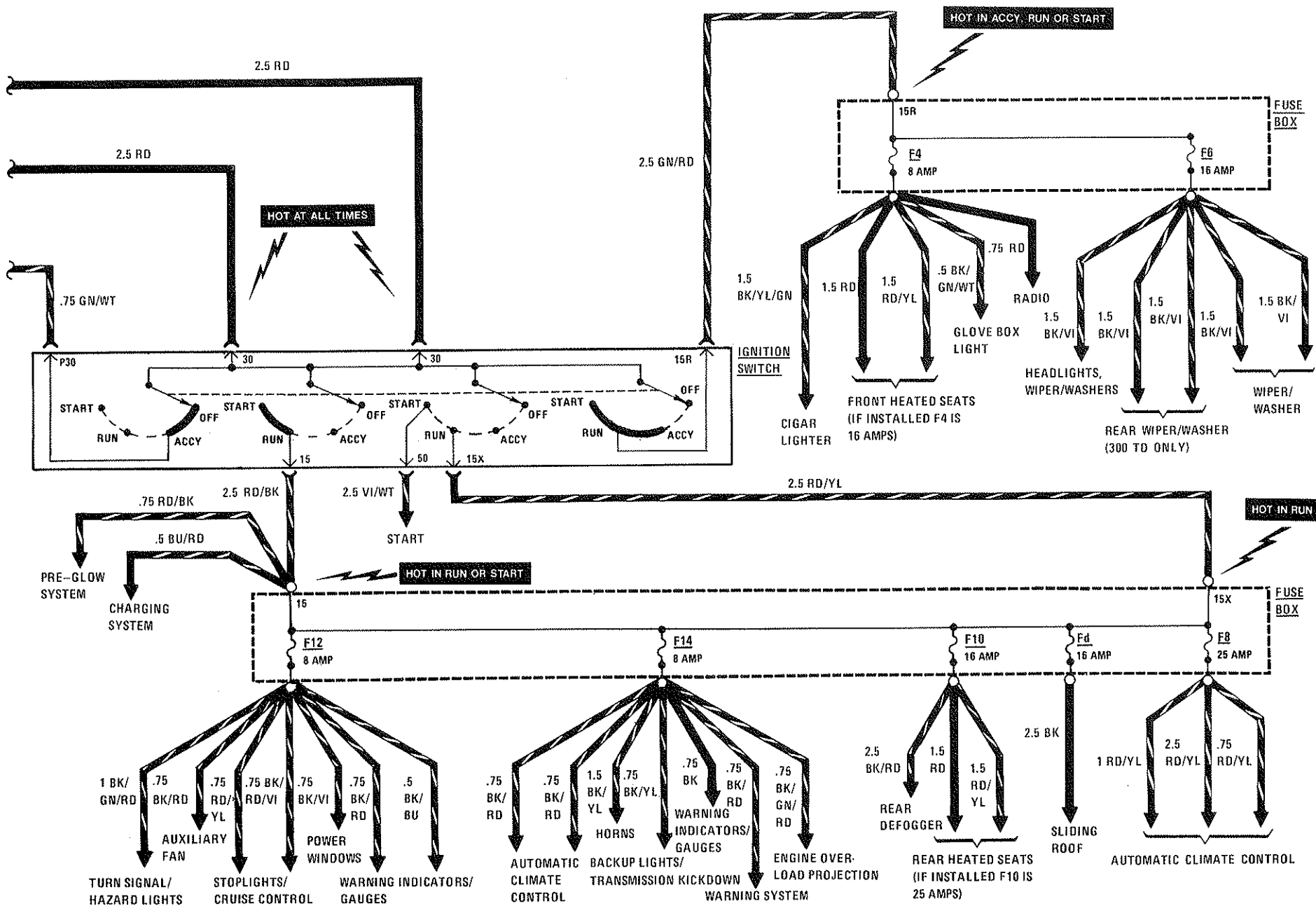
(For Component Locations See Page 204)

104
300
D/CD/TD
TURBO



POWER DISTRIBUTION

(For Component Locations See Page 204)



105
300
D/CD/TD
TURBO

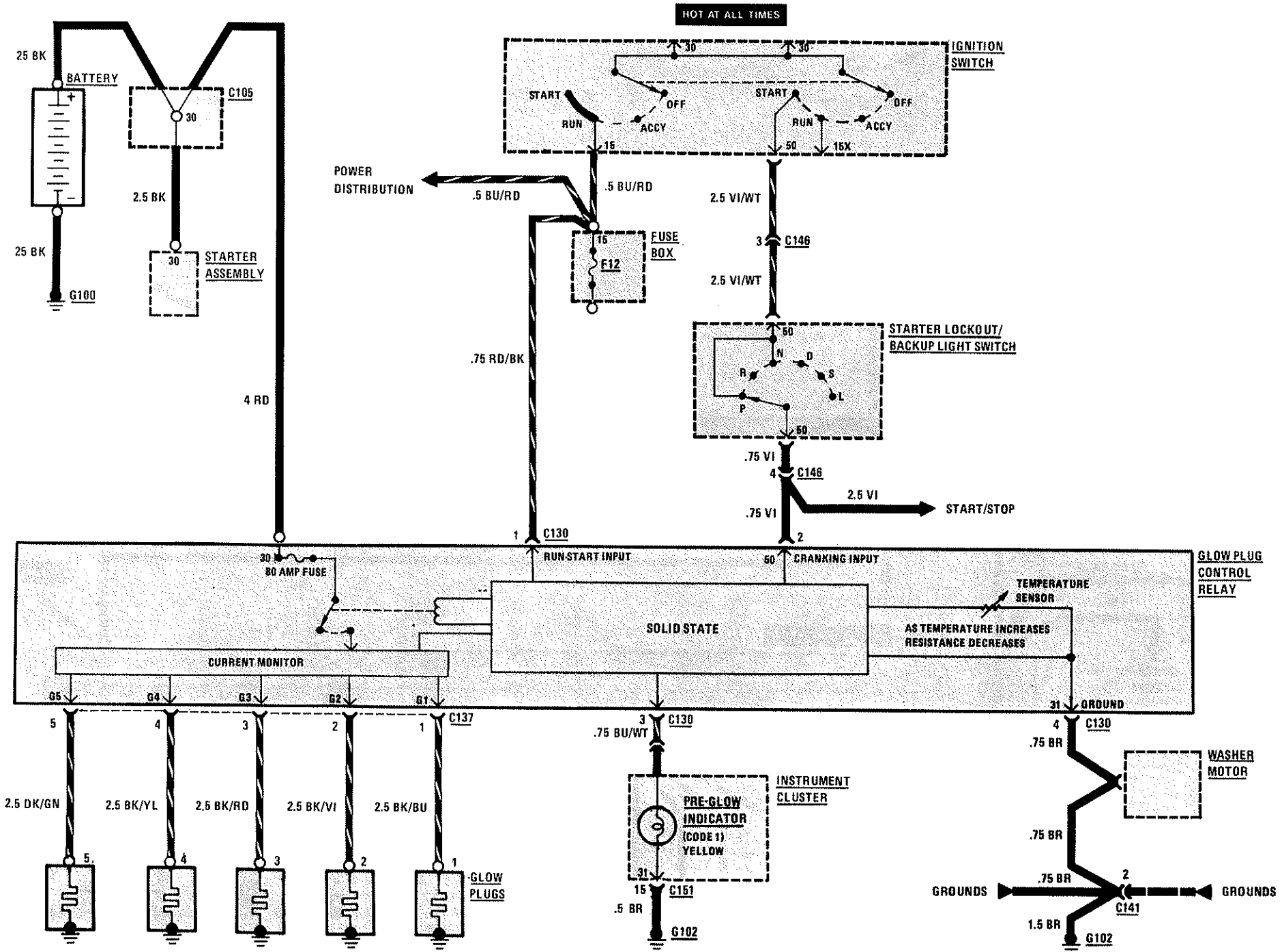
PRE-GLOW SYSTEM

(For Component Locations See Page 205)

106

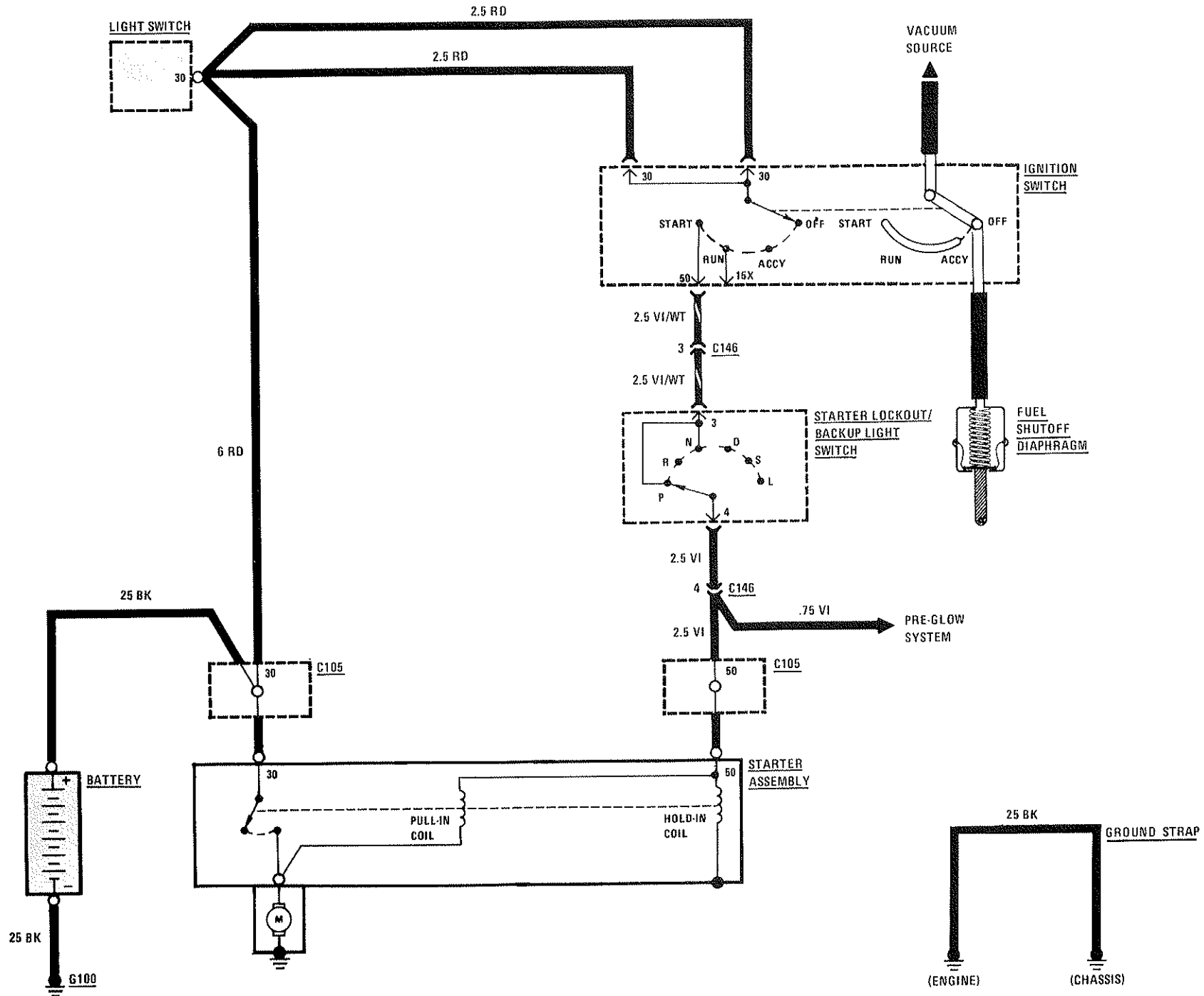
300

D/CD/TD
TURBO



START/STOP (IGNITION SWITCH)

(For Component Locations See Page 206)

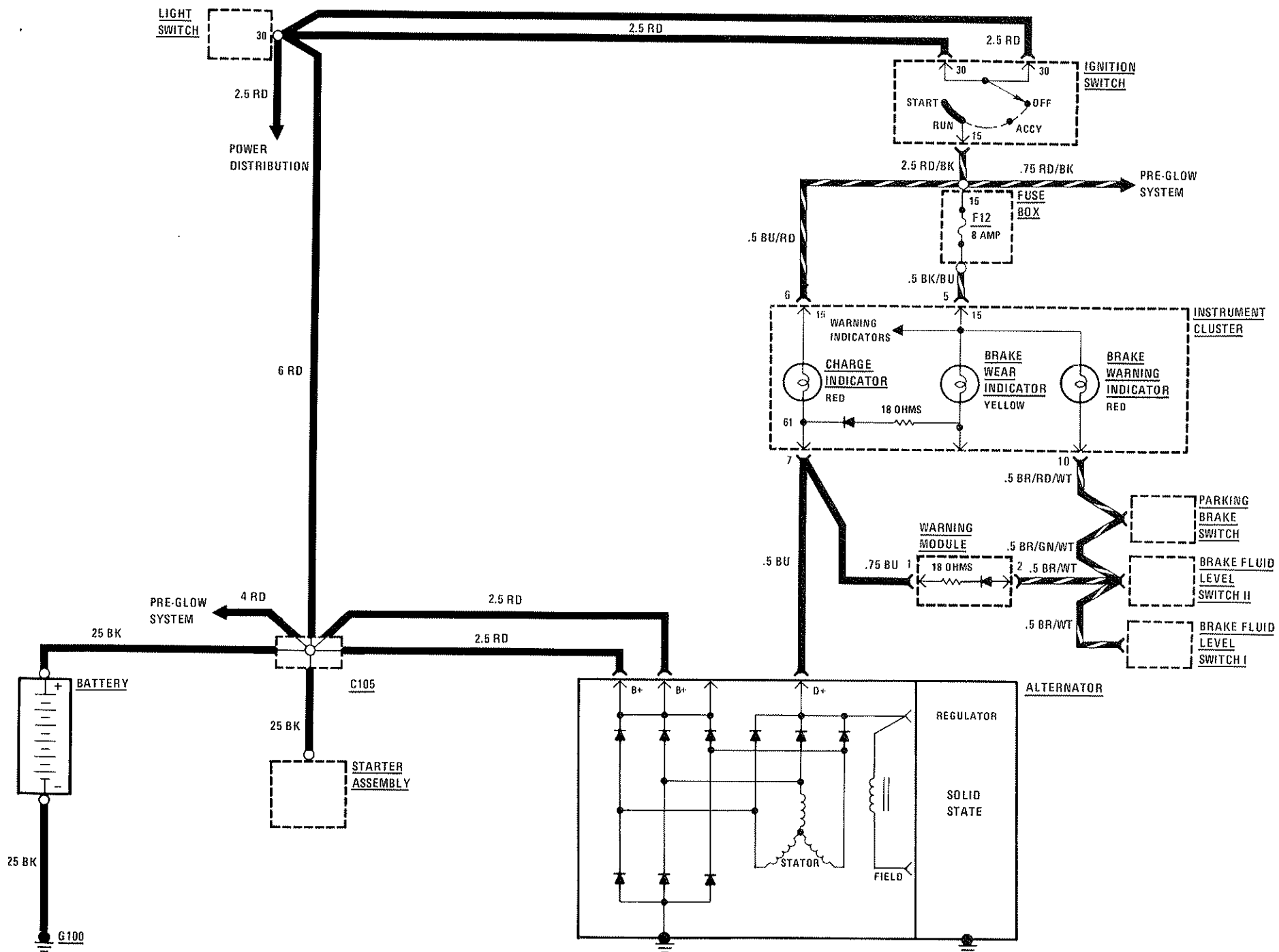


107
300
D/CD/TD
TURBO

CHARGING SYSTEM

(For Component Locations See Page 202)

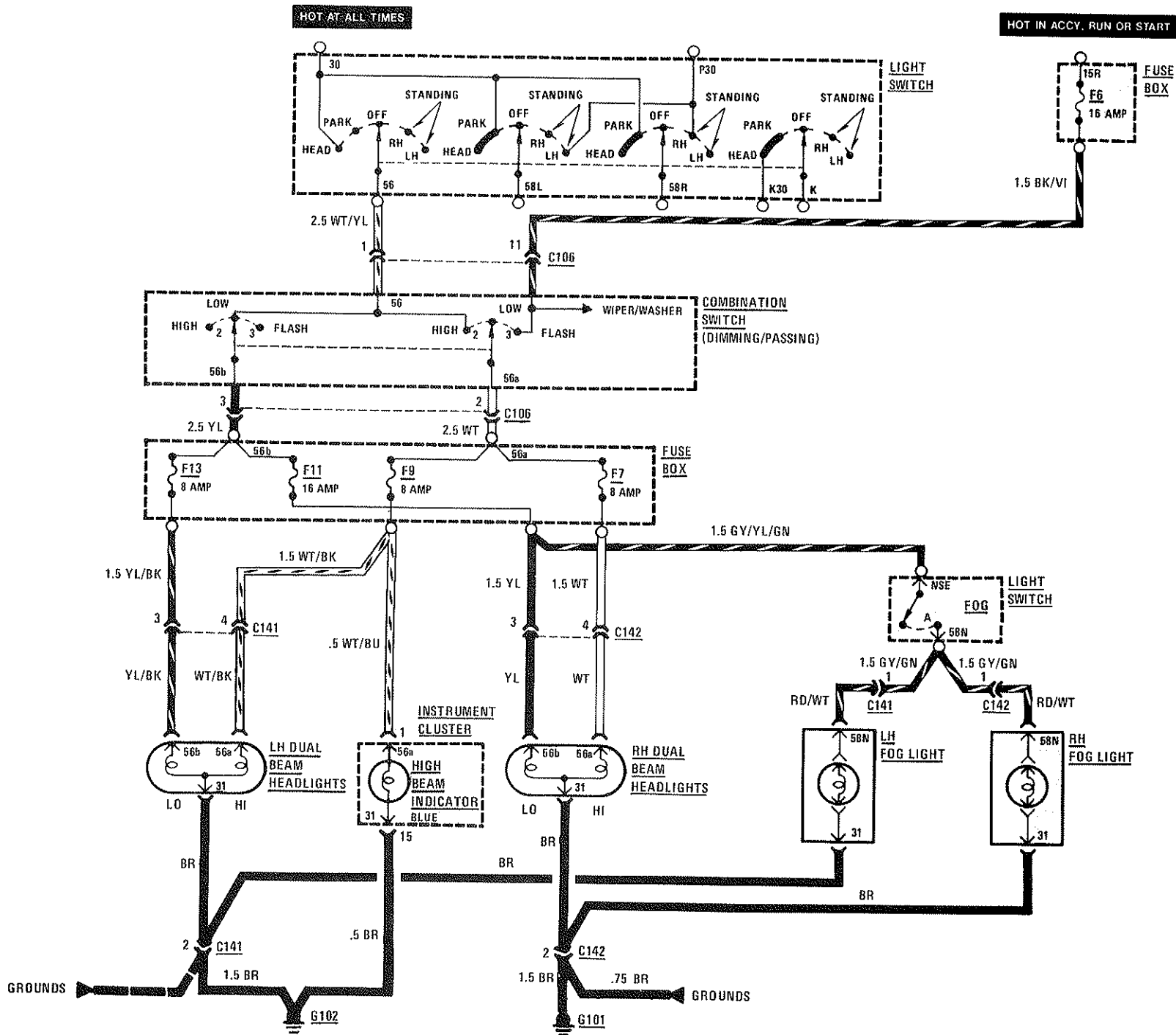
108
300
D/CD/TO
TURBO



HEADLIGHTS/FOG LIGHTS

(For Component Locations See Page 203)

110
300
D/CD/TO
TURBO



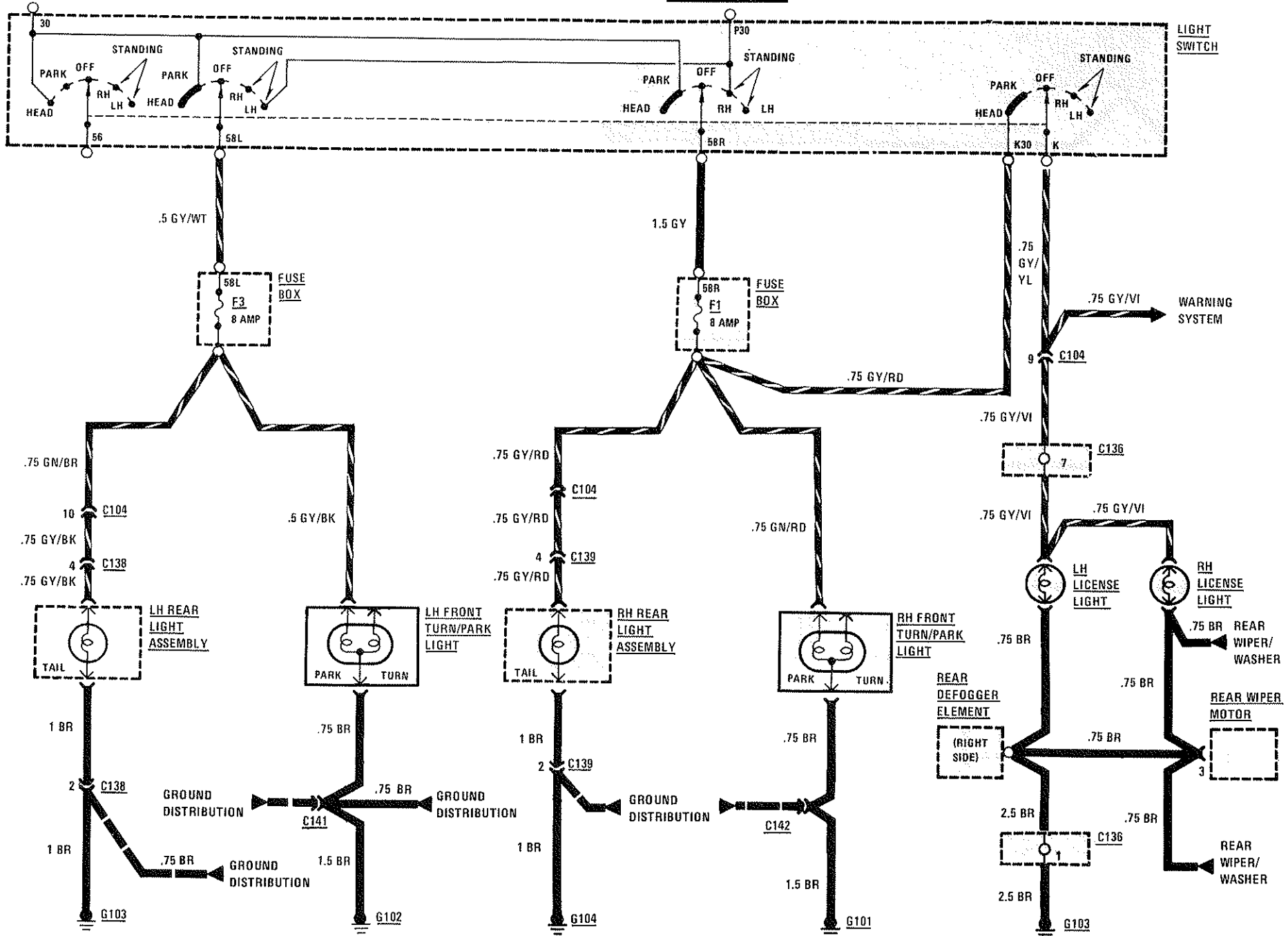
LIGHTS: PARK/TAIL/LICENSE

(For Component Locations See Page 204)

HOT AT ALL TIMES

300 TD

HOT IN OFF OR ACCY

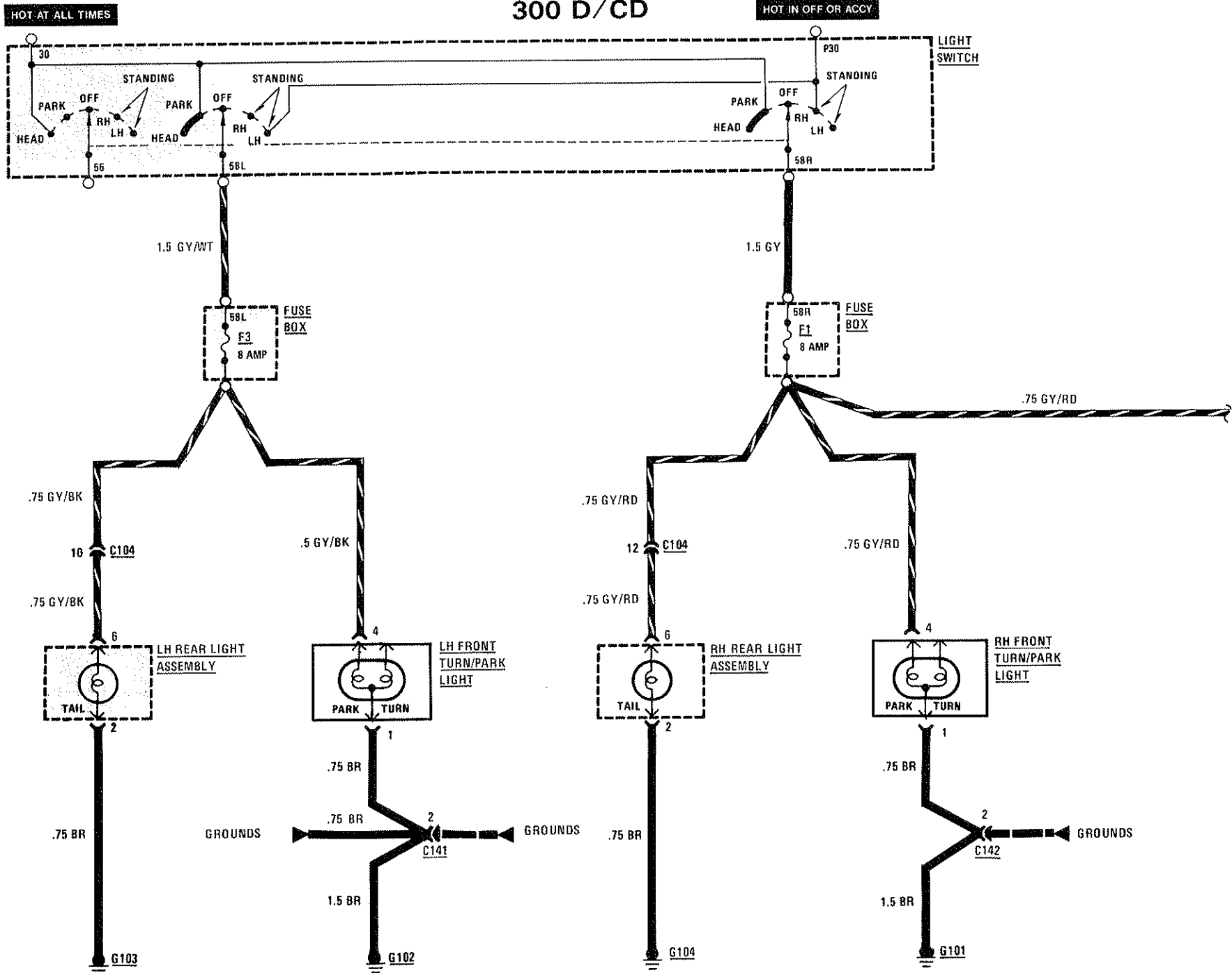


112
300
D/CD/TD
TURBO

LIGHTS: PARK/TAIL

(For Component Locations See Page 204)

300 D/CD



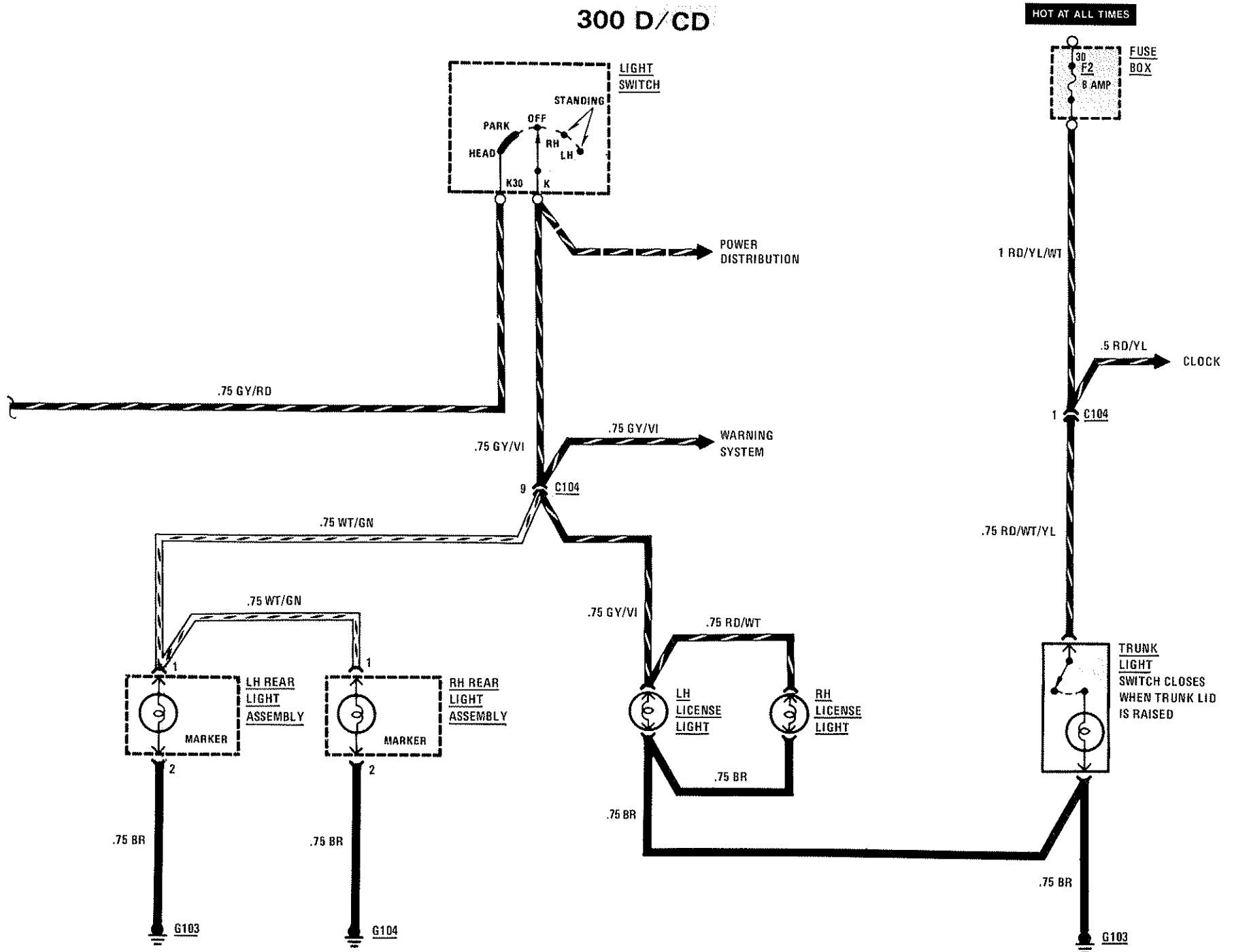
113
300
D/CD/TO
TURBO

LIGHTS: MARKER/LICENSE/TRUNK

(For Component Locations See Page 203)

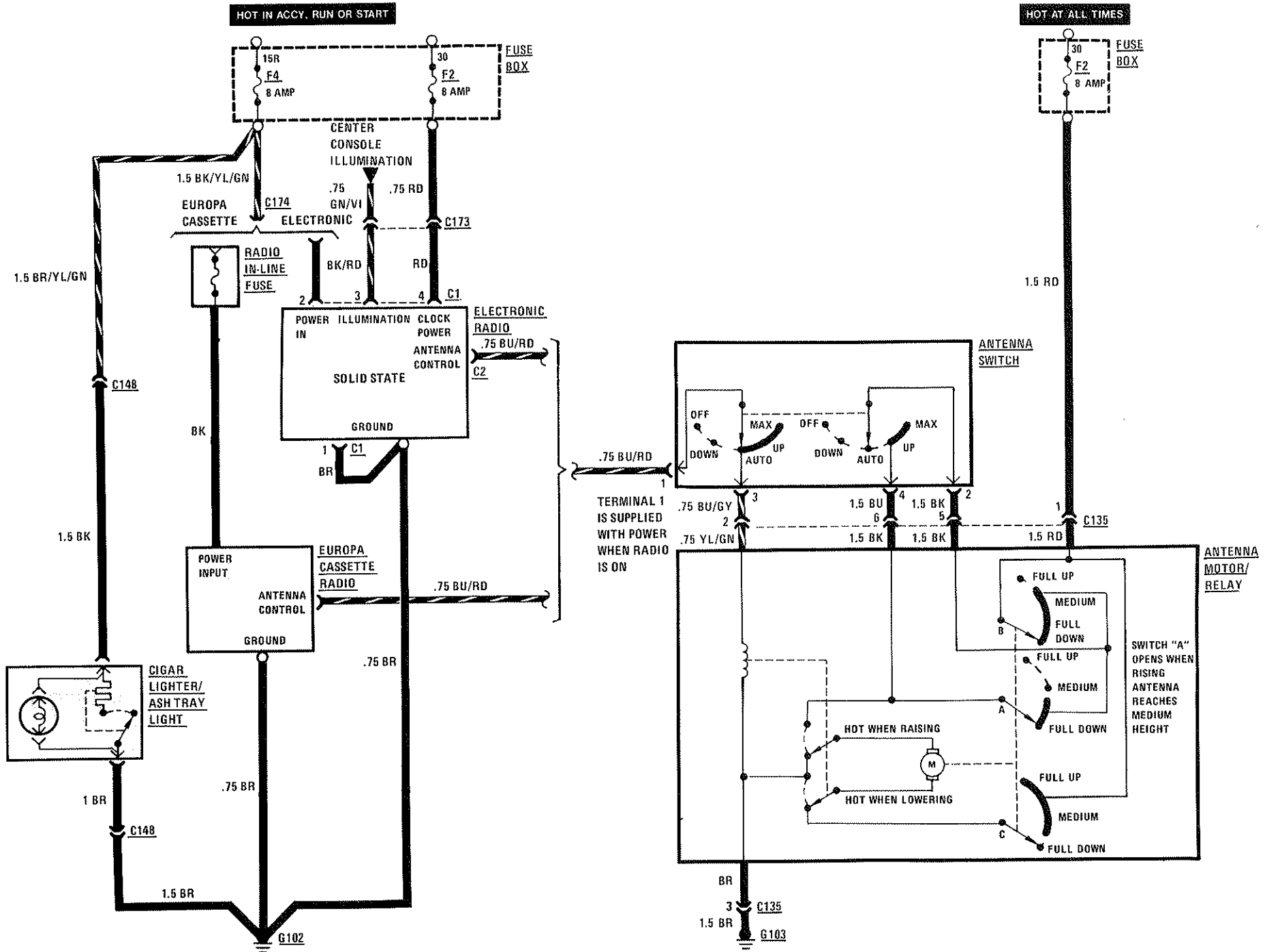
300 D/CD

114
300
D/CD/TD
TURBO



CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

(For Component Locations See Page 202)



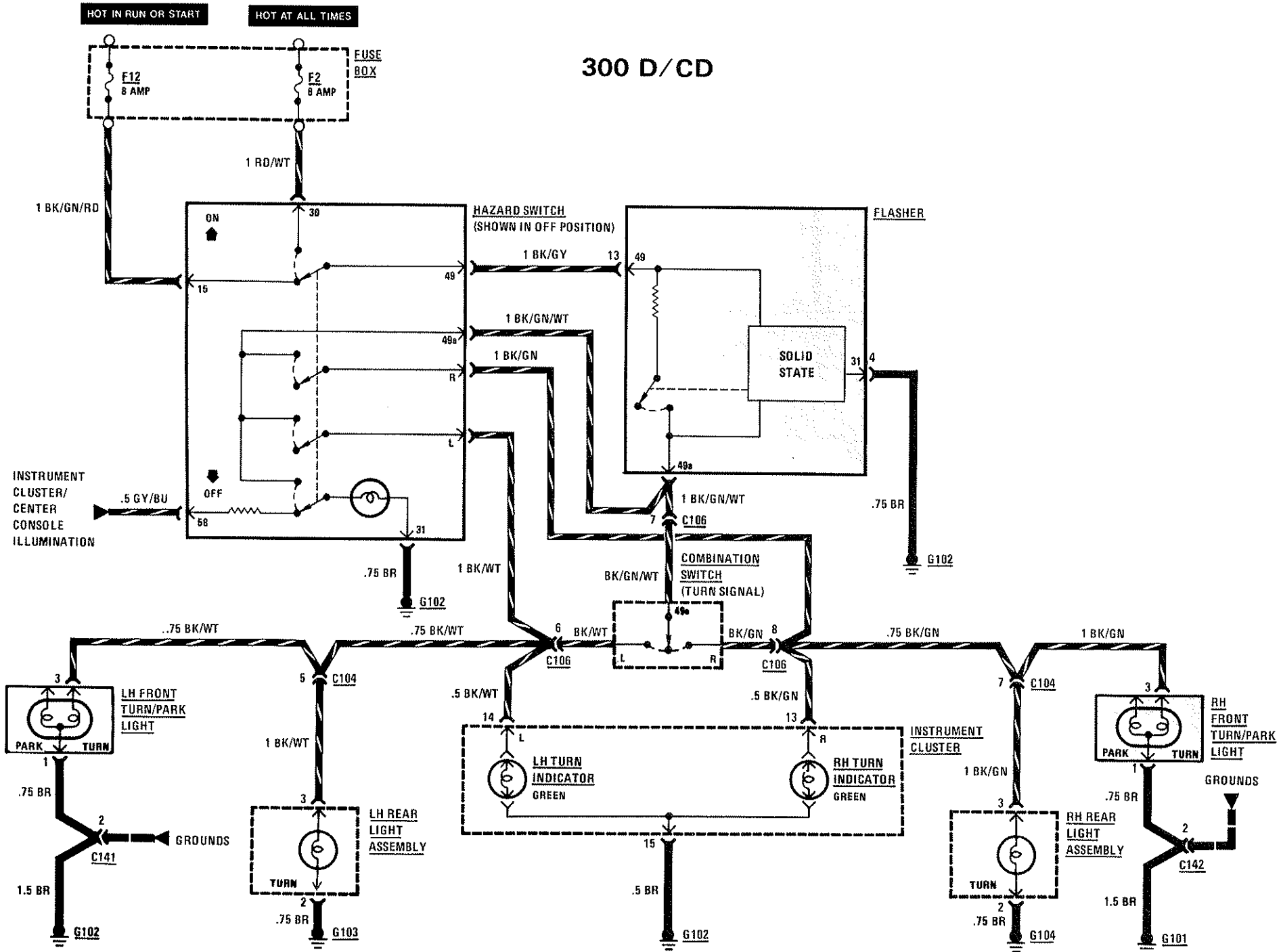
115
 300
 D/CD/TD
 TURBO

TURN SIGNAL/HAZARD LIGHTS

(For Component Locations See Page 207)

300 D/CD

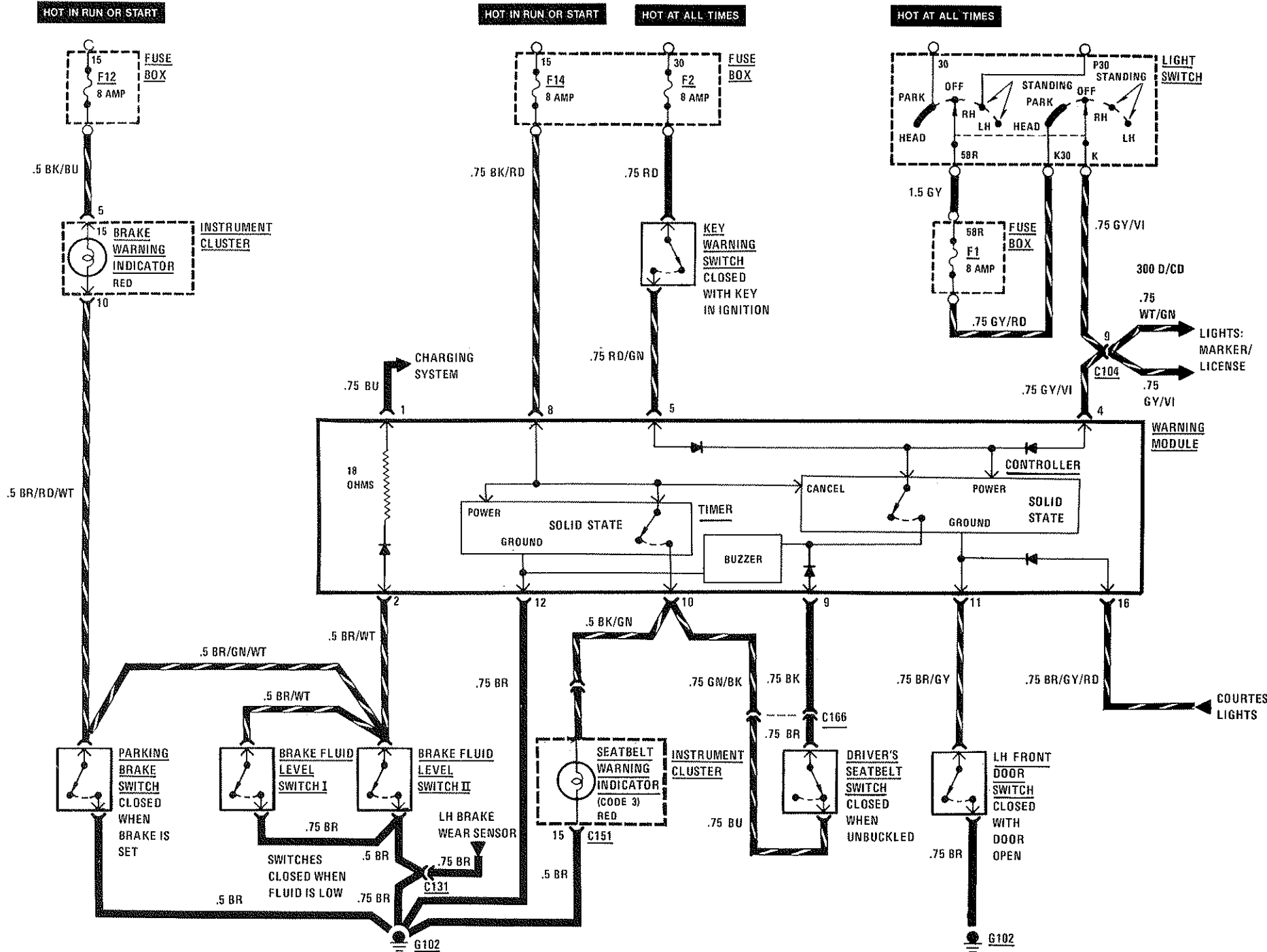
116
300
D/CD/TD
TURBO



WARNING SYSTEM

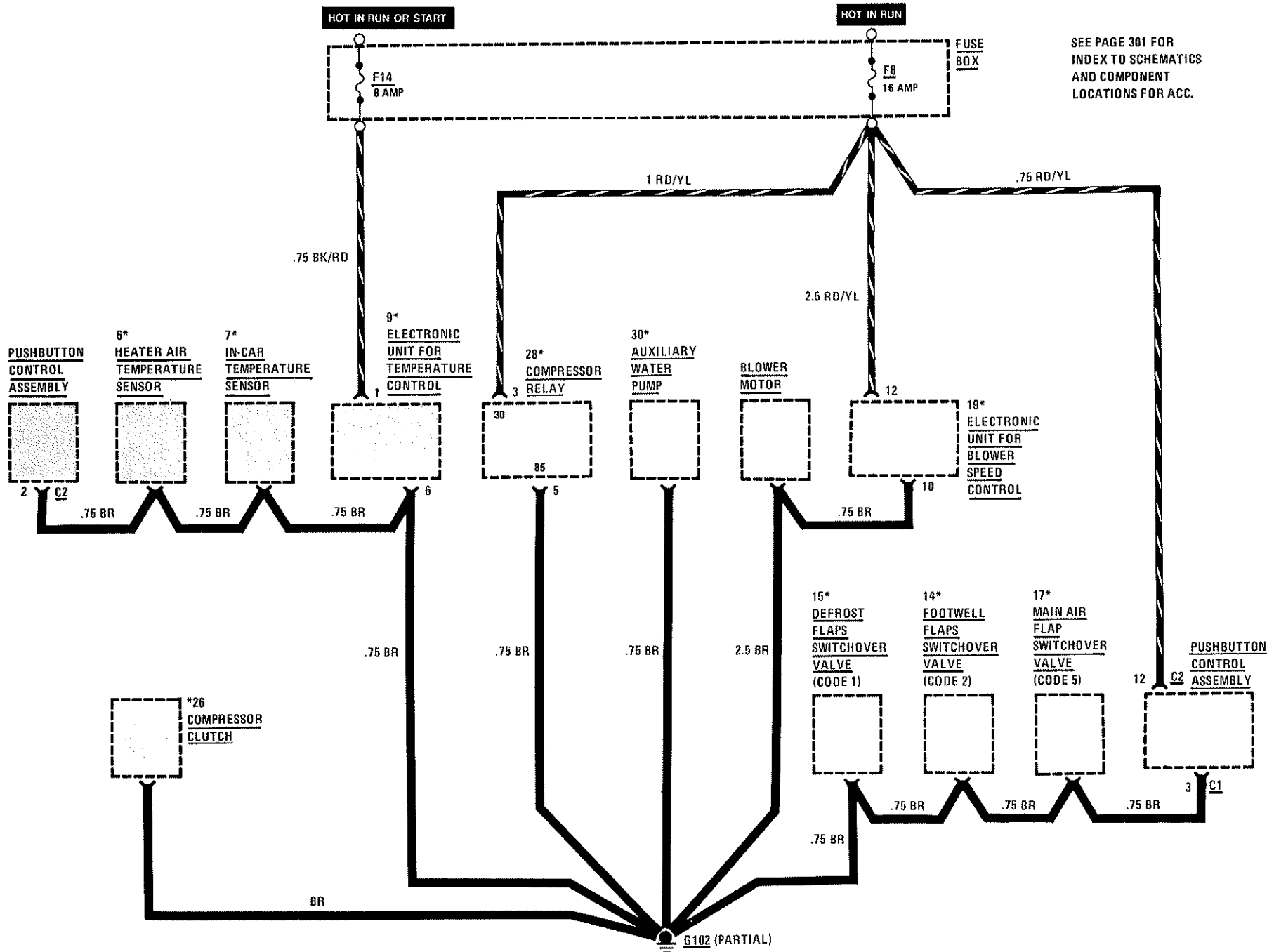
(For Component Locations See Page 208)

118
300
D/CD/TD
TURBO



AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION

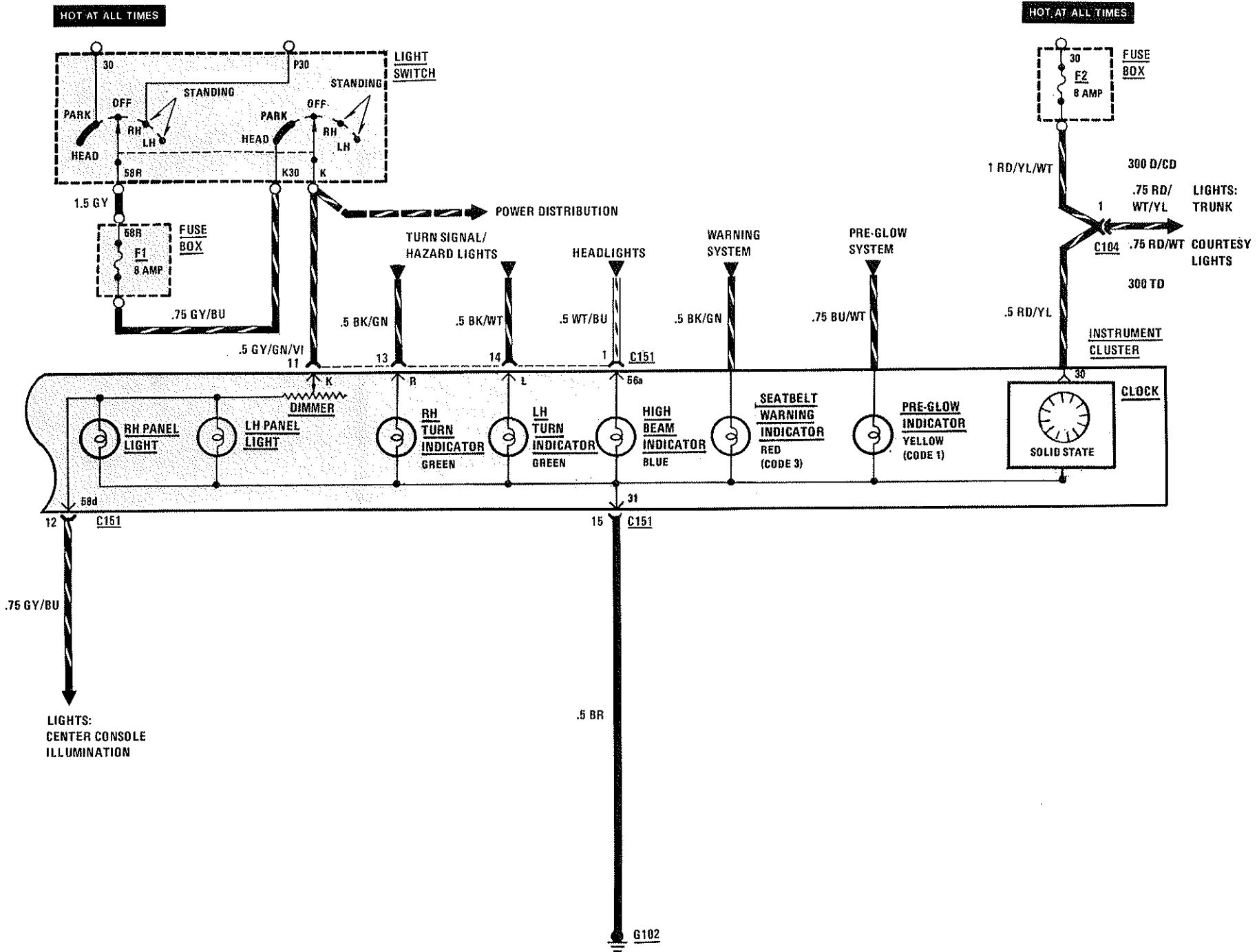
(For Component Locations See Page 310)



SEE PAGE 301 FOR INDEX TO SCHEMATICS AND COMPONENT LOCATIONS FOR ACC.

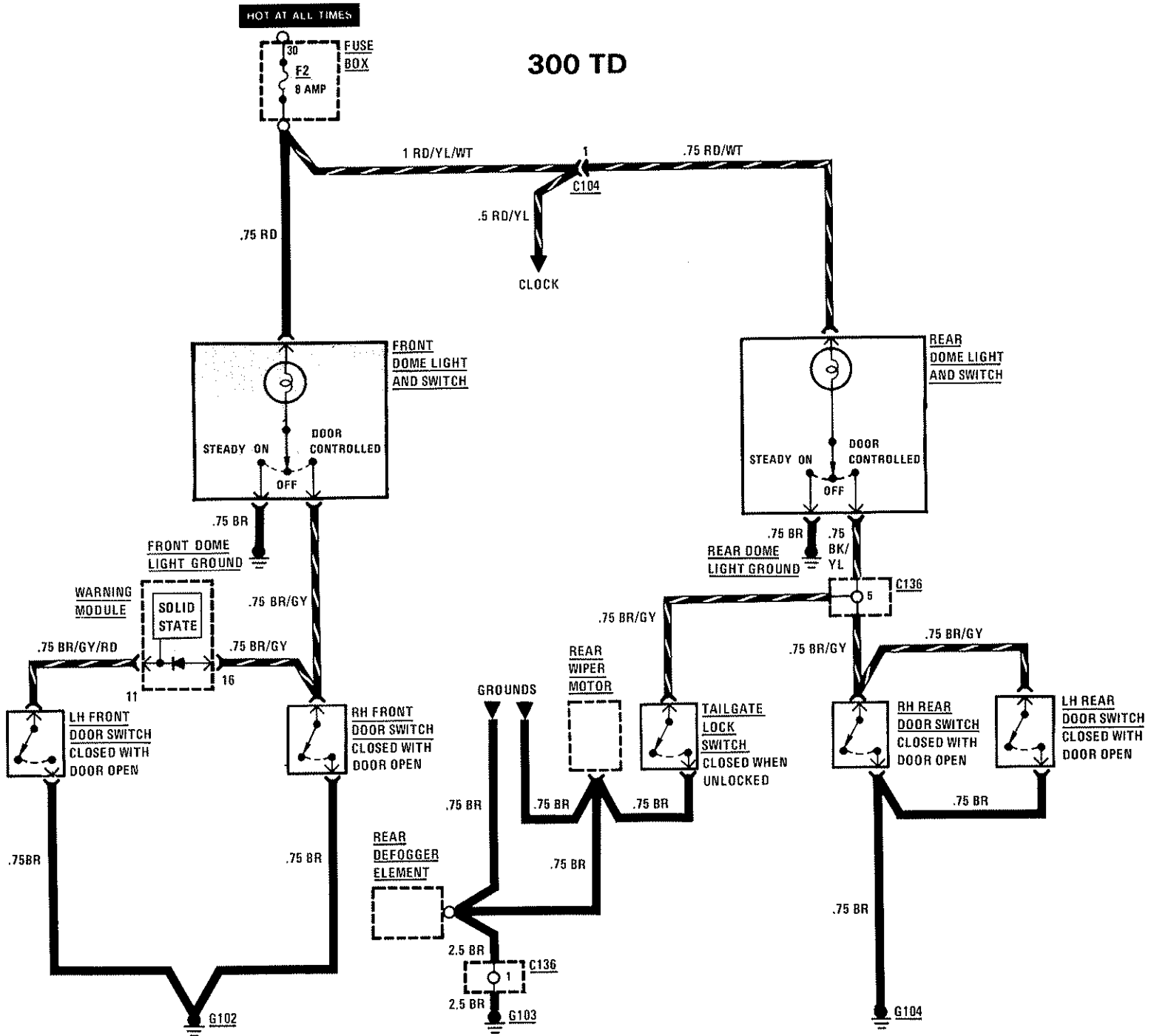
WARNING INDICATORS/GAUGES/CLOCK/INSTRUMENT CLUSTER ILLUMINATION

(For Component Locations See Page 208)



COURTESY LIGHTS

(For Component Locations See Page 203)

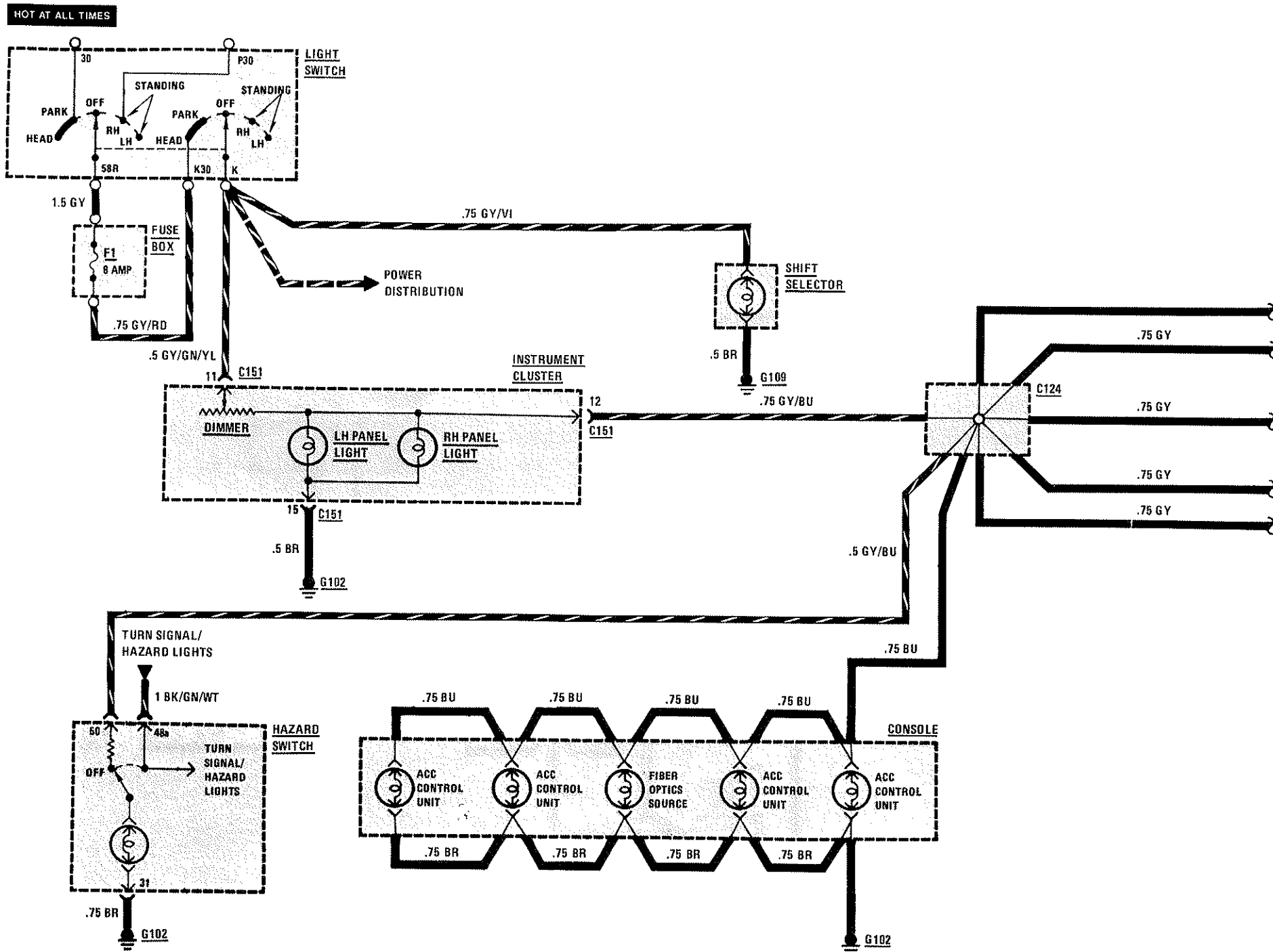


123
300
D/CD/TO
TURBO

ILLUMINATION: INSTRUMENT CLUSTER / CENTER CONSOLE

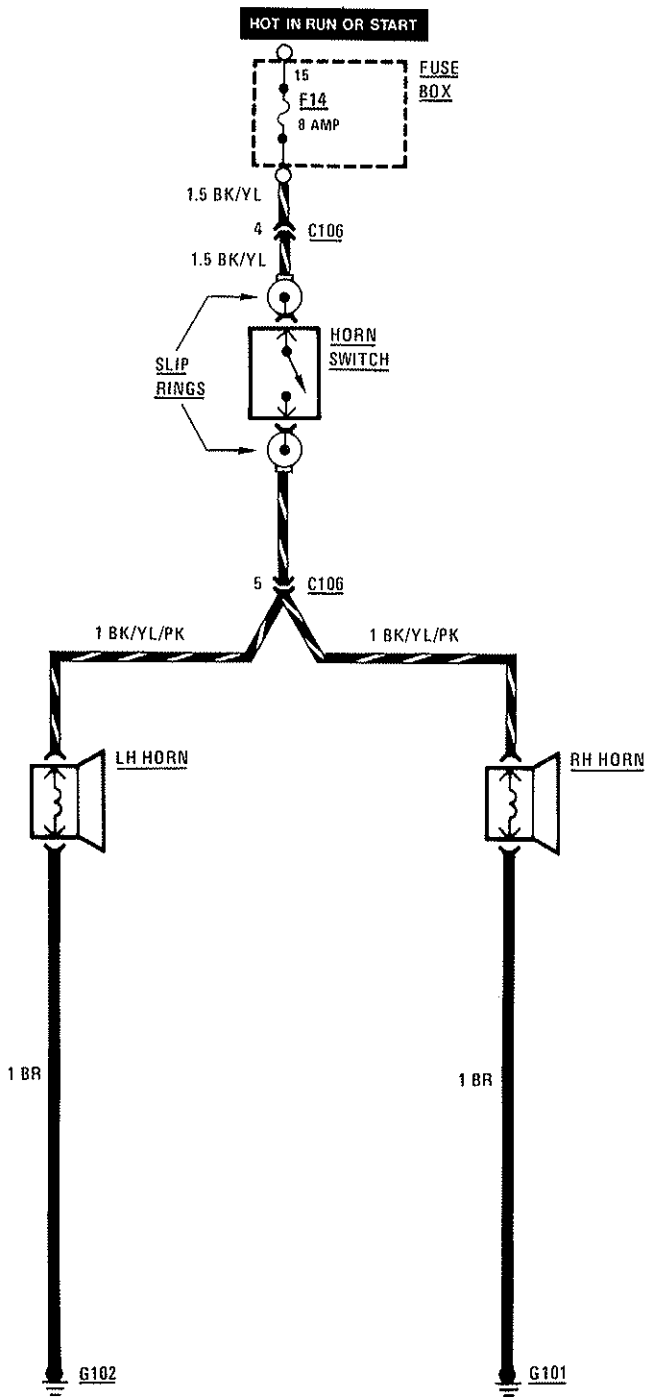
(For Component Locations See Page 201)

124
300
D/CD/TO
TURBO

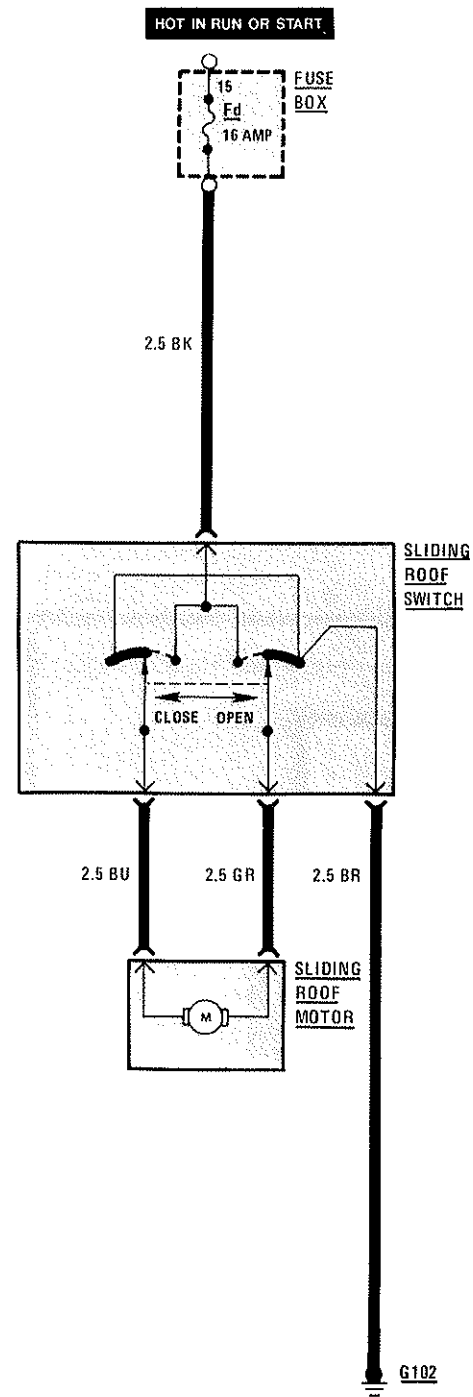


HORNS

(For Component Locations See Page 203)



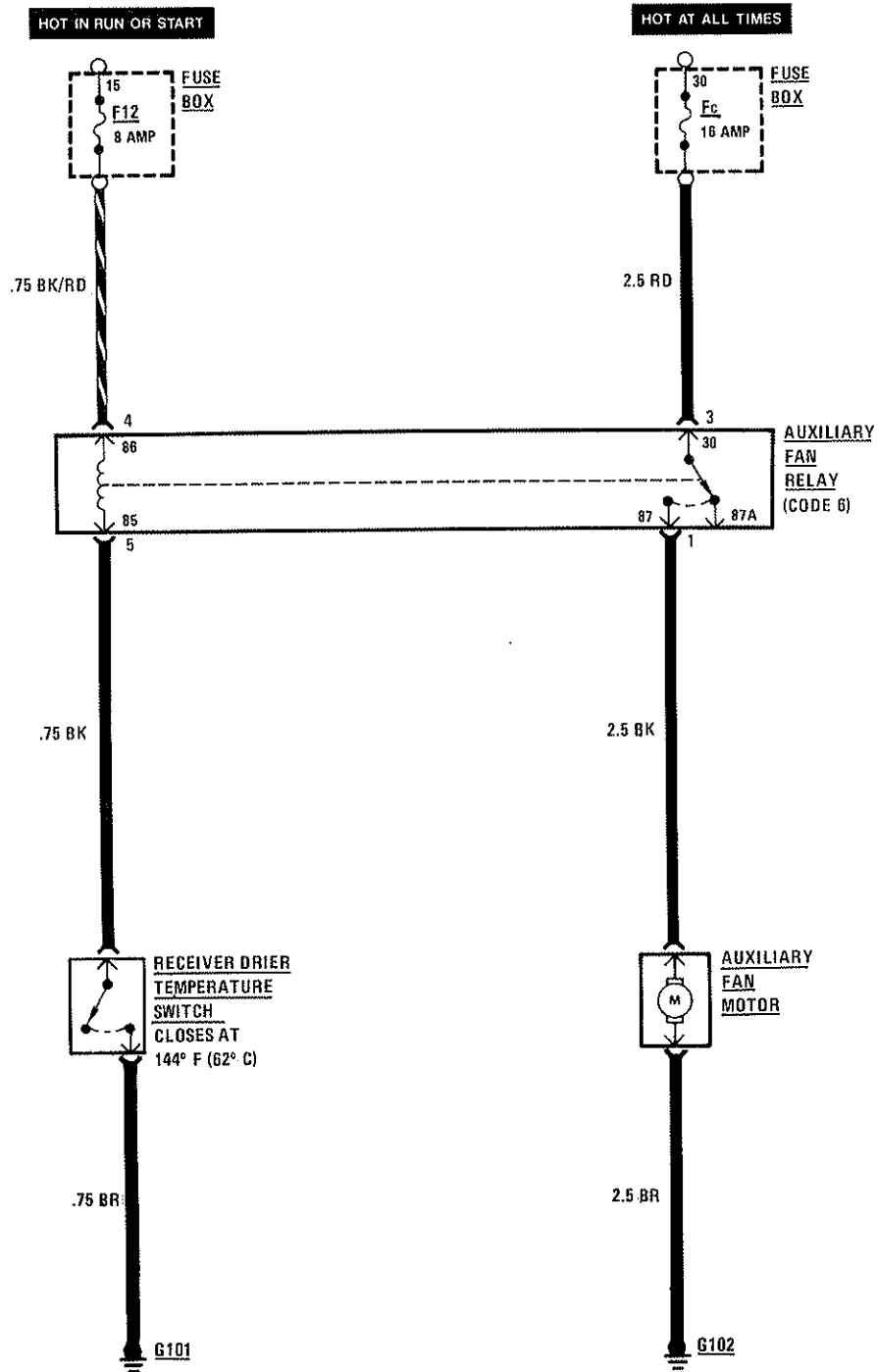
SLIDING ROOF



126
300
D/CD/TD
TURBO

AUXILIARY FAN

(For Component Locations See Page 201)



127

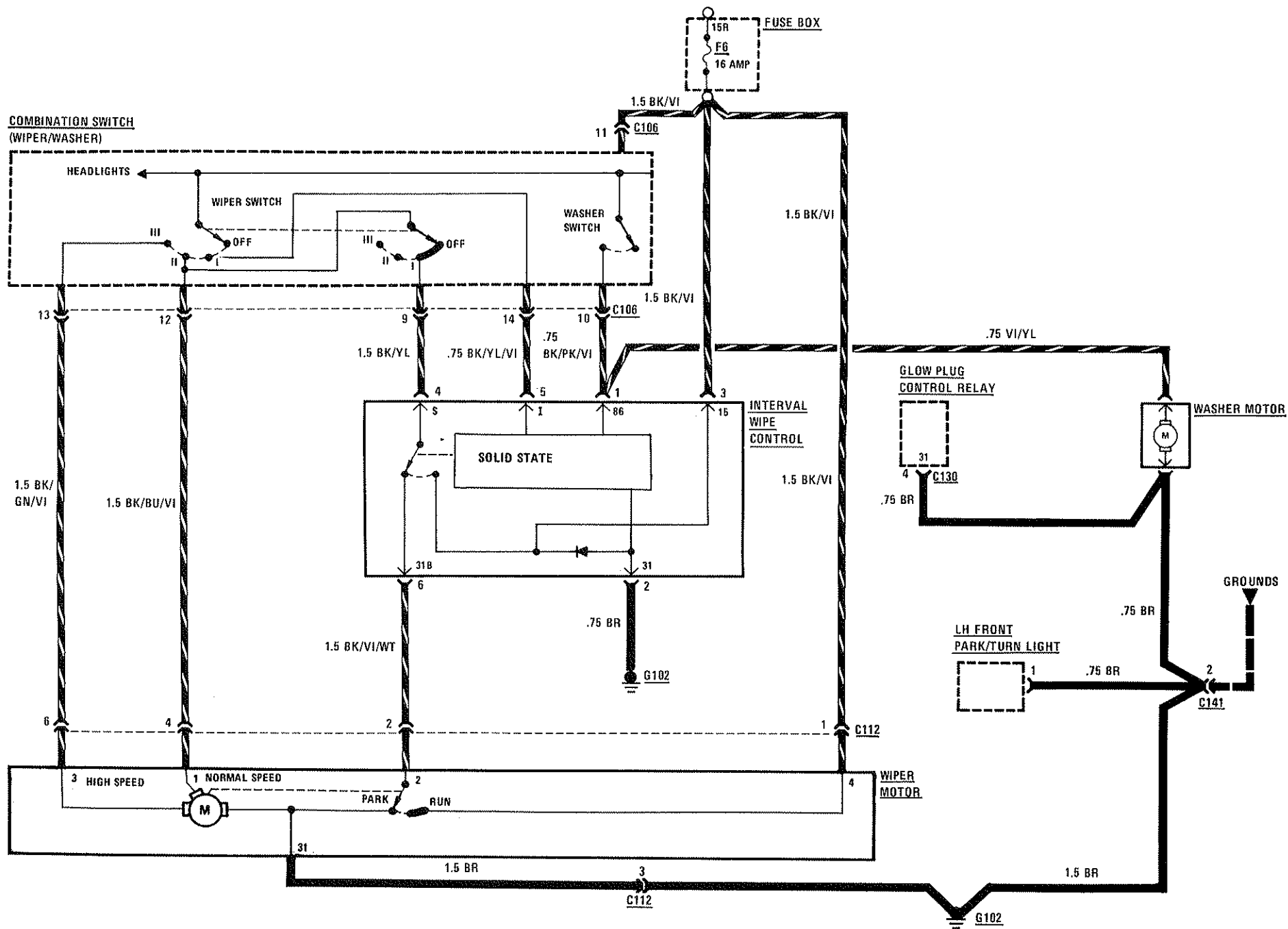
300
D/CD/TD
TURBO

WIPER/WASHER

(For Component Locations See Page 208)

HOT IN ACCV. RUN OR START

128
300
D/CD/TD
TURBO

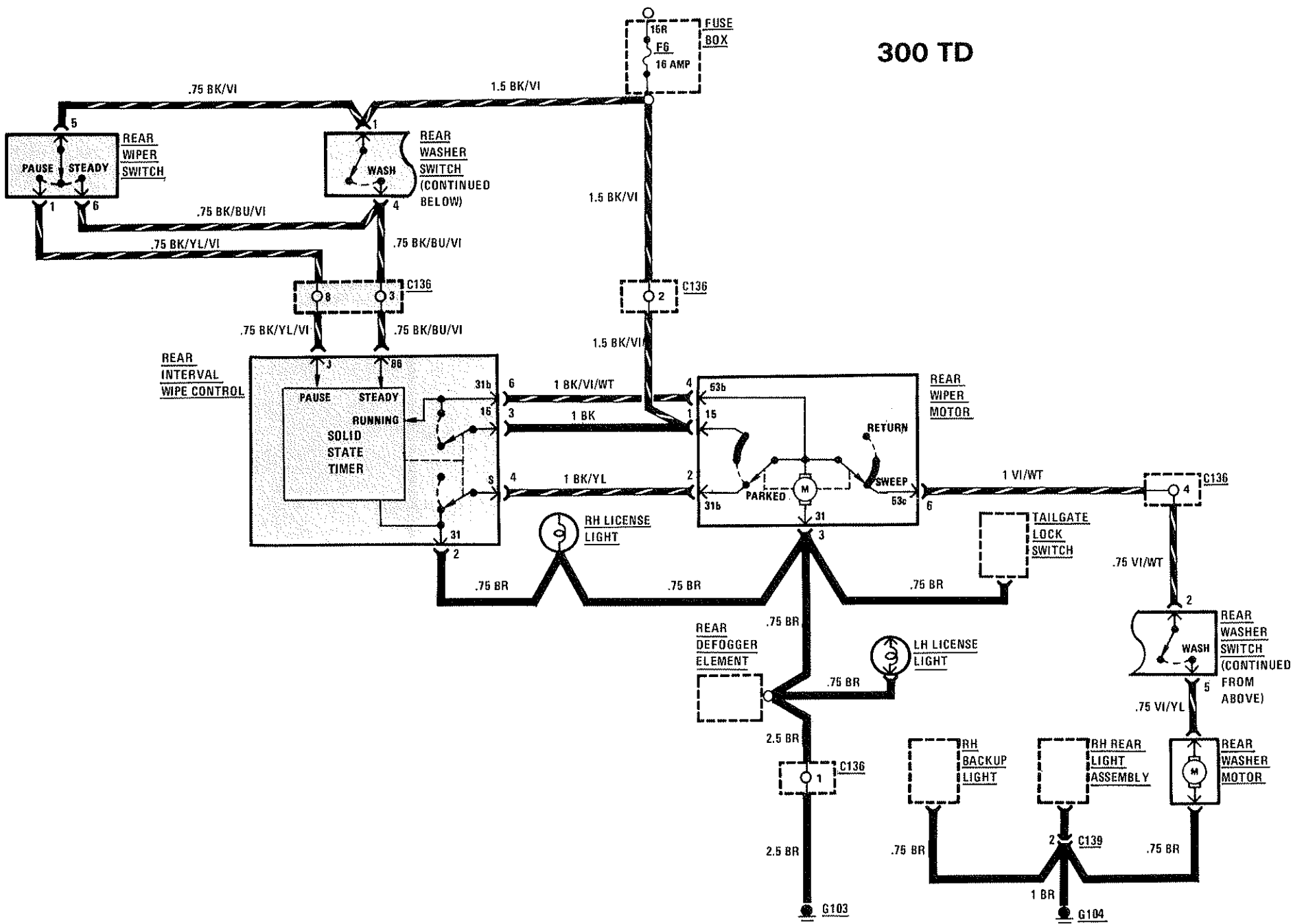


REAR WIPER/WASHER

(For Component Locations See Page 206)

HOT IN ACCY. RUN OR START

300 TD



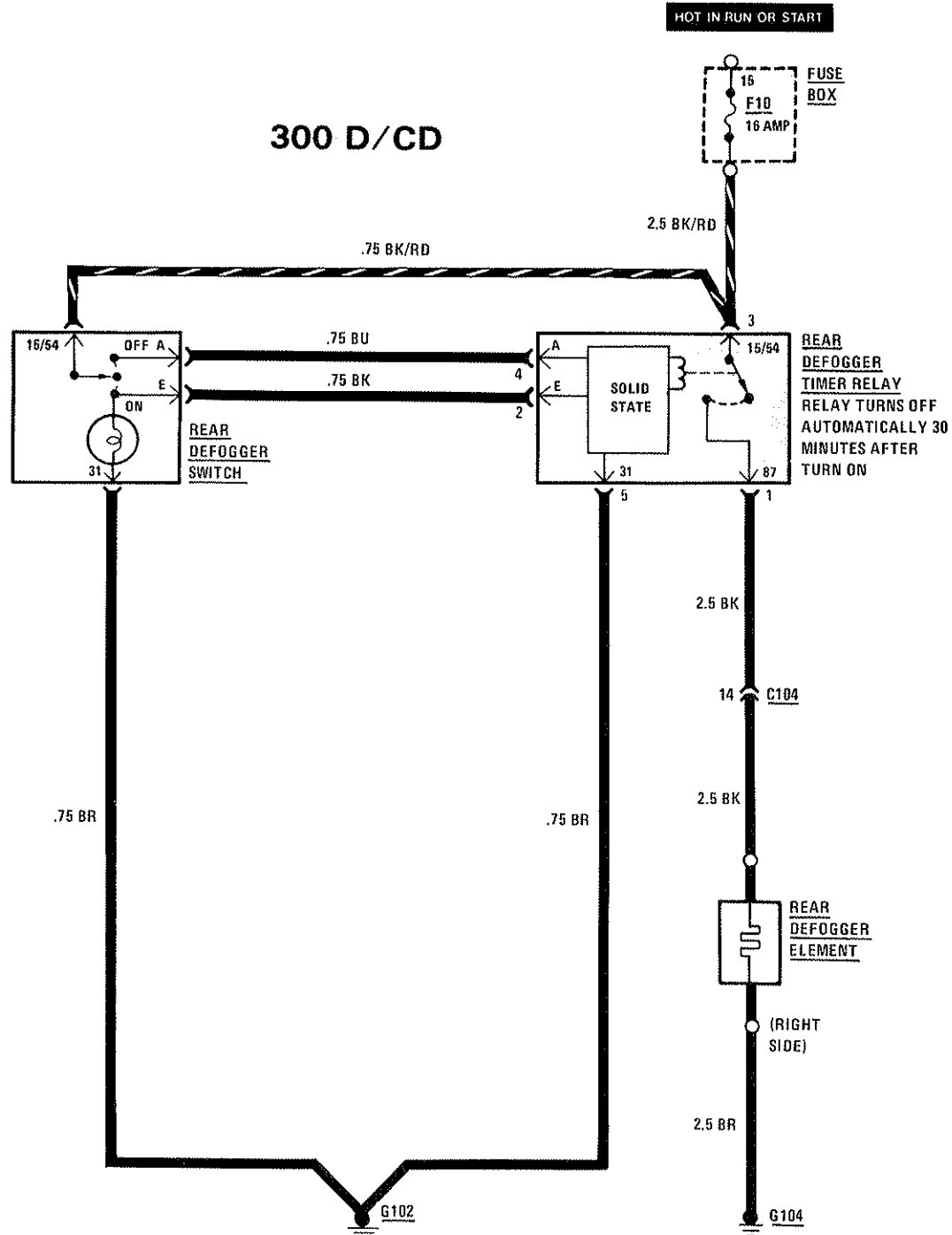
129
300
D/CD/TD
TURBO

REAR DEFOGGER

(For Component Locations See Page 205)

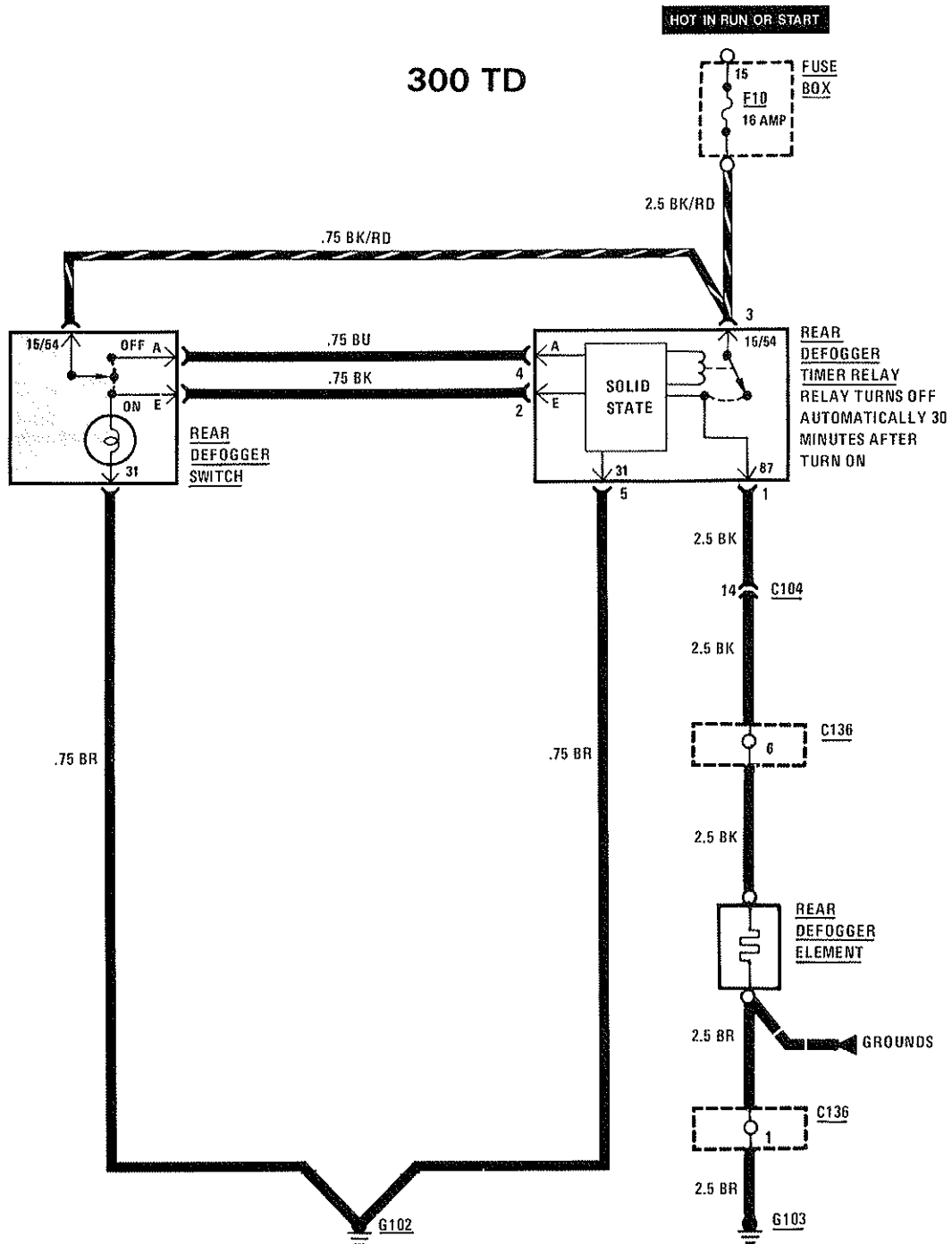
300 D/CD

130
300
D/CD/TD
TURBO



REAR DEFOGGER

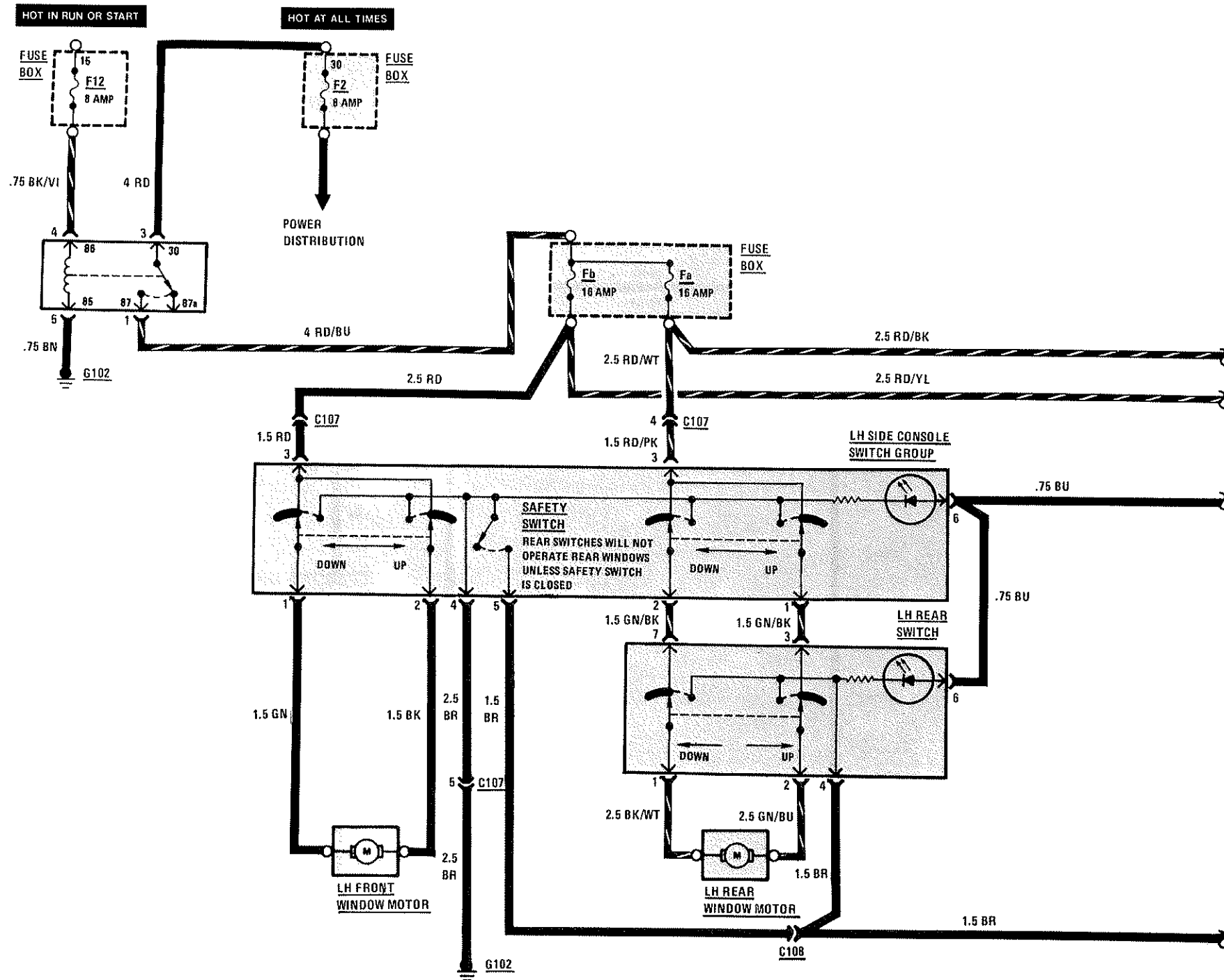
(For Component Locations See Page 205)



131
300
D/CD/TD
TURBO

POWER WINDOWS

(For Component Locations See Page 205)

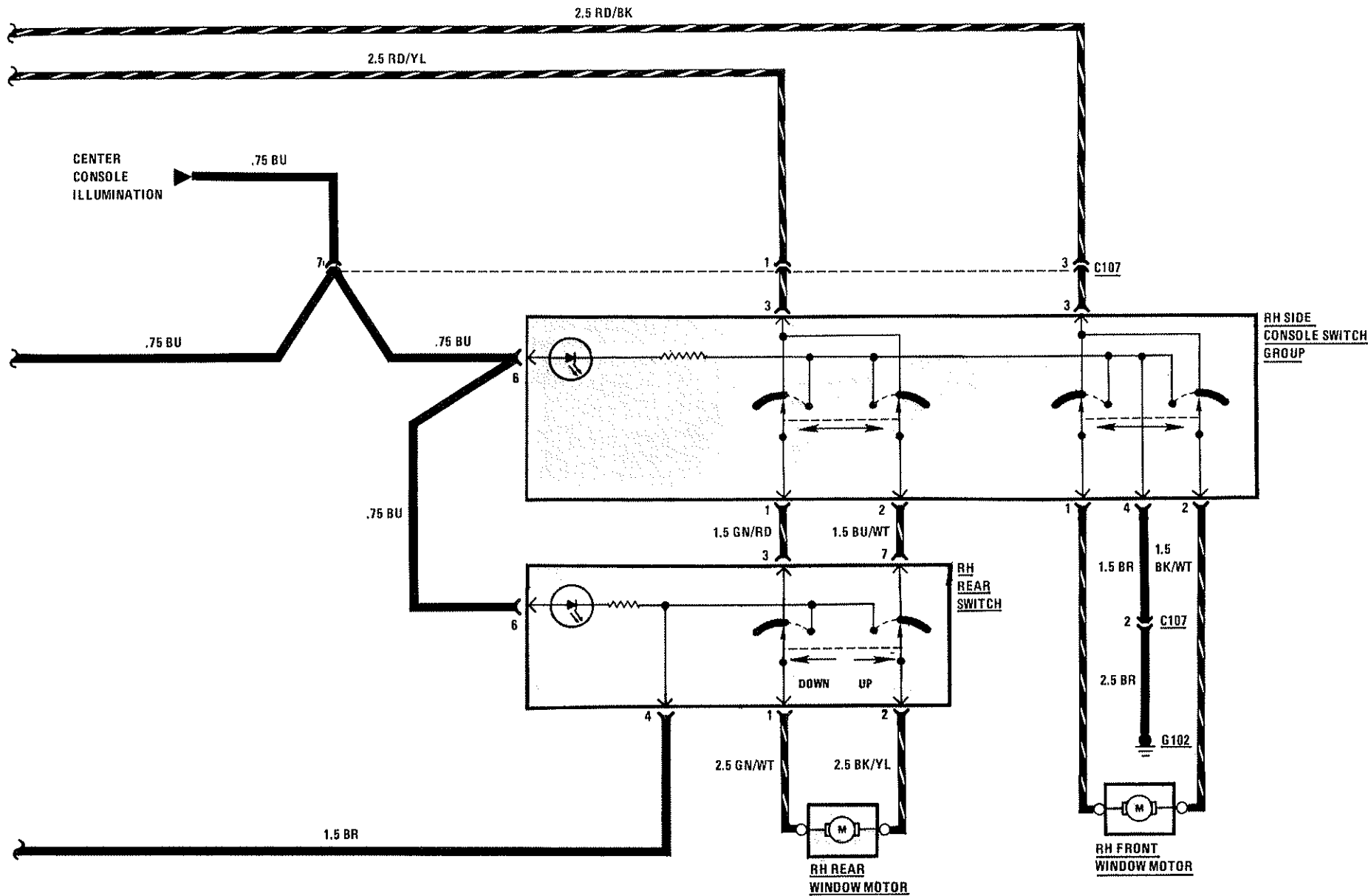


132

300
D/CD/TD
TURBO

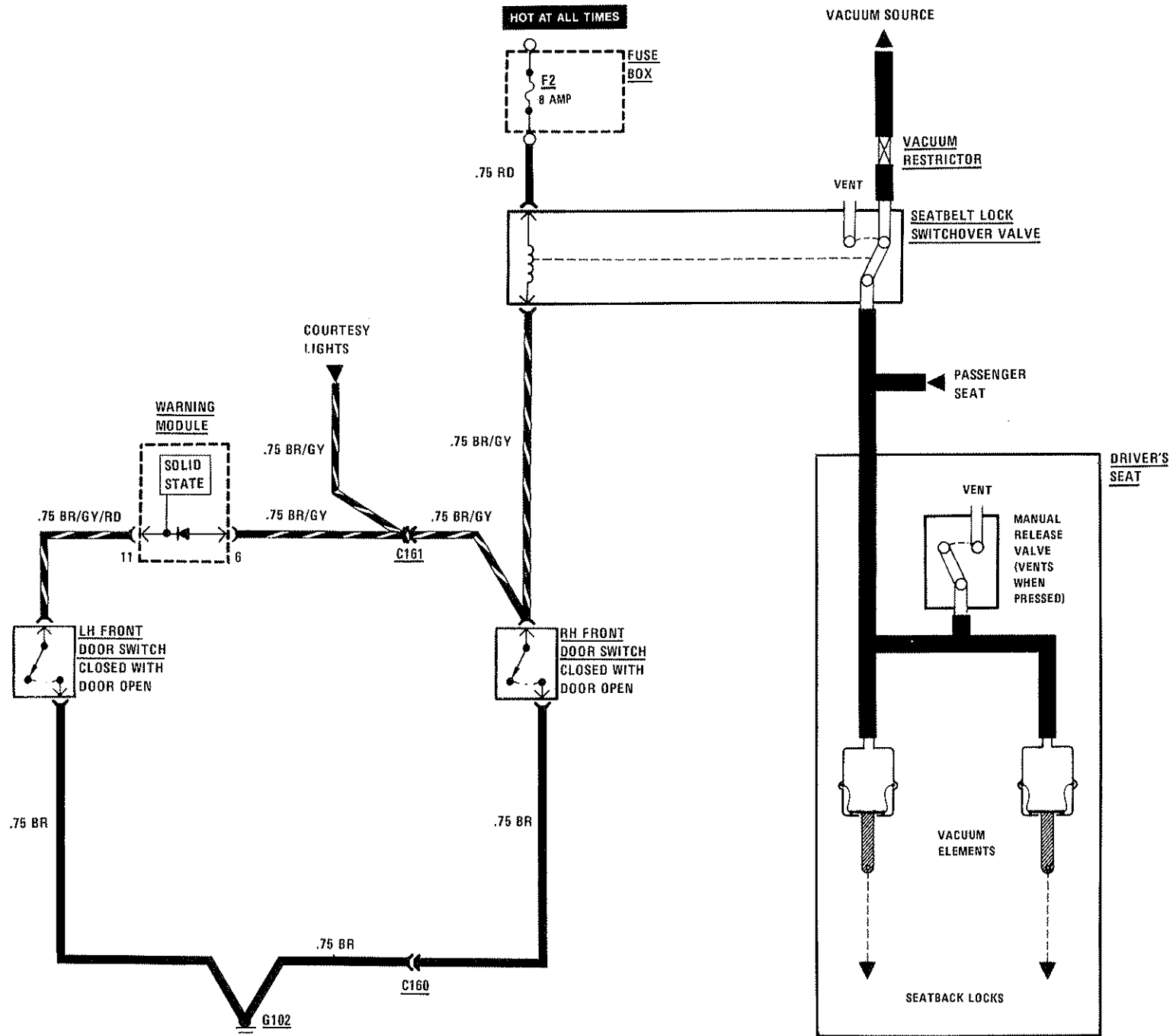
POWER WINDOWS

(For Component Locations See Page 205)



SEAT BACKREST LOCKING SYSTEM

(For Component Locations See Page 206)

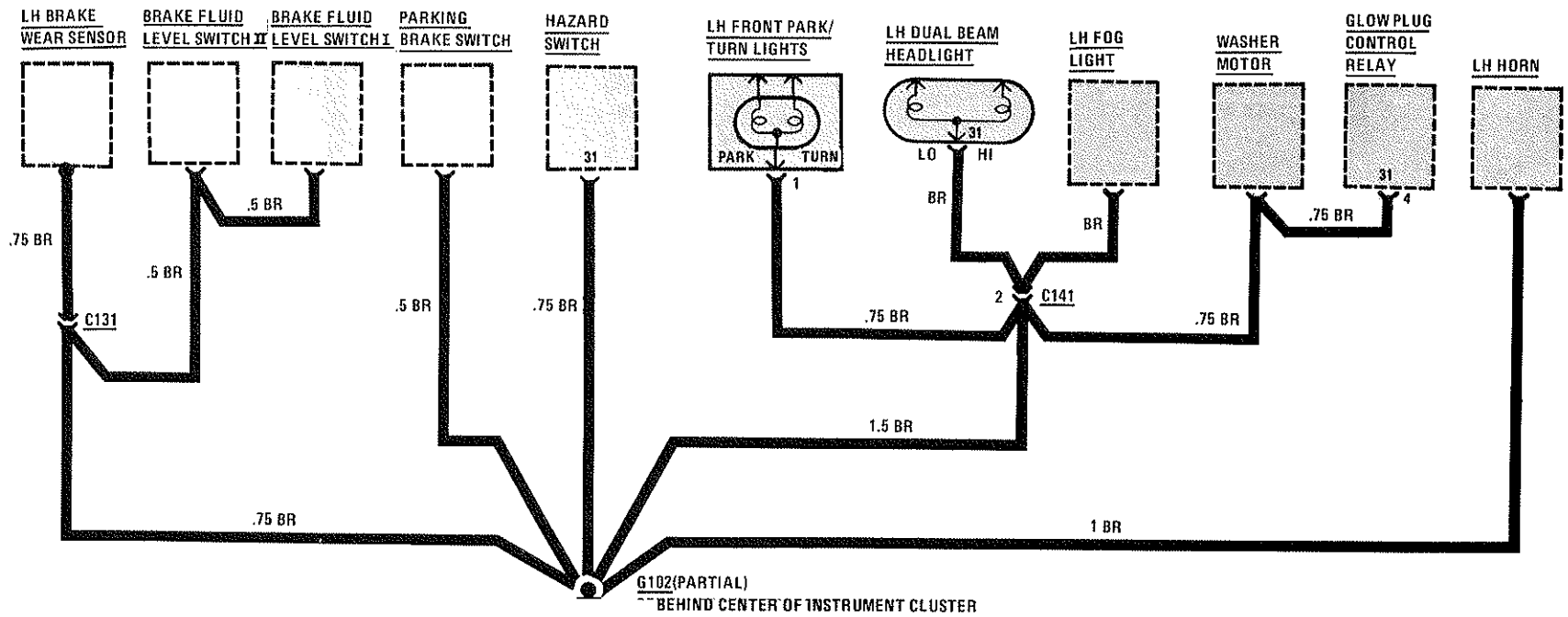
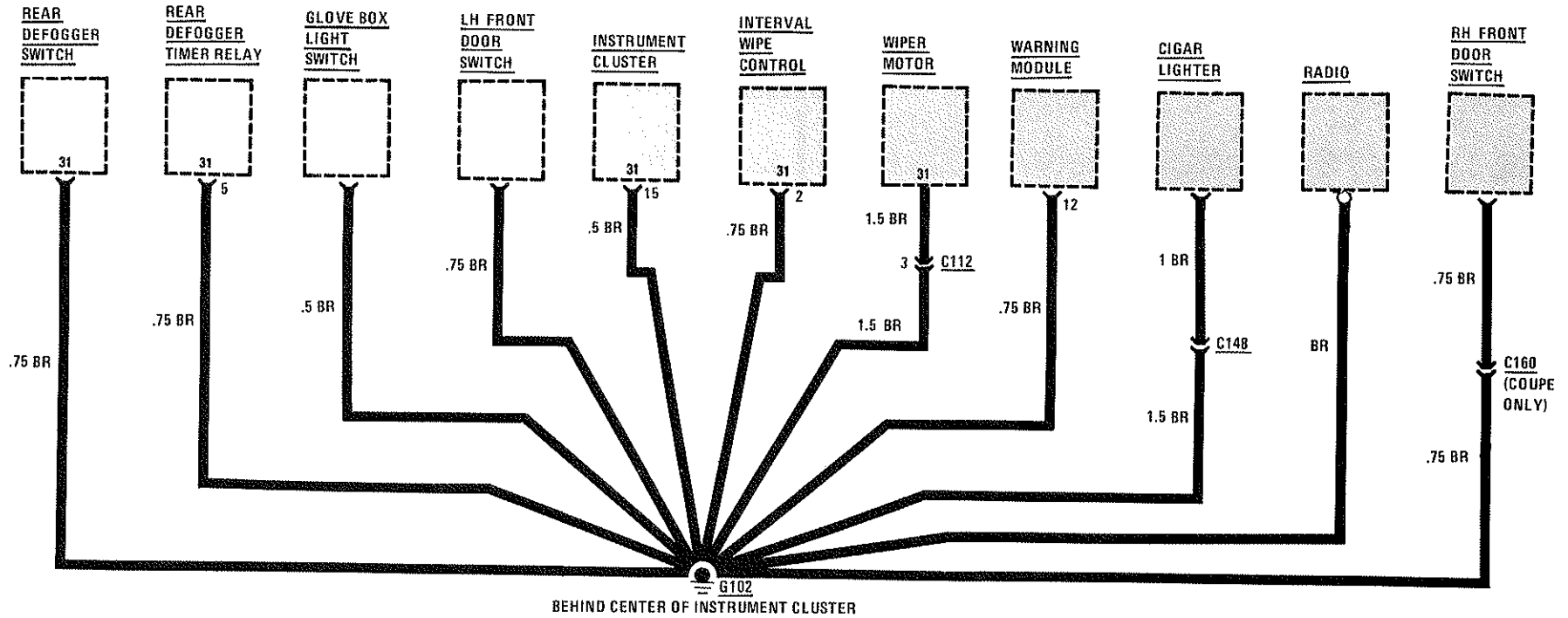


135

300
0/CD/TD
TURBO

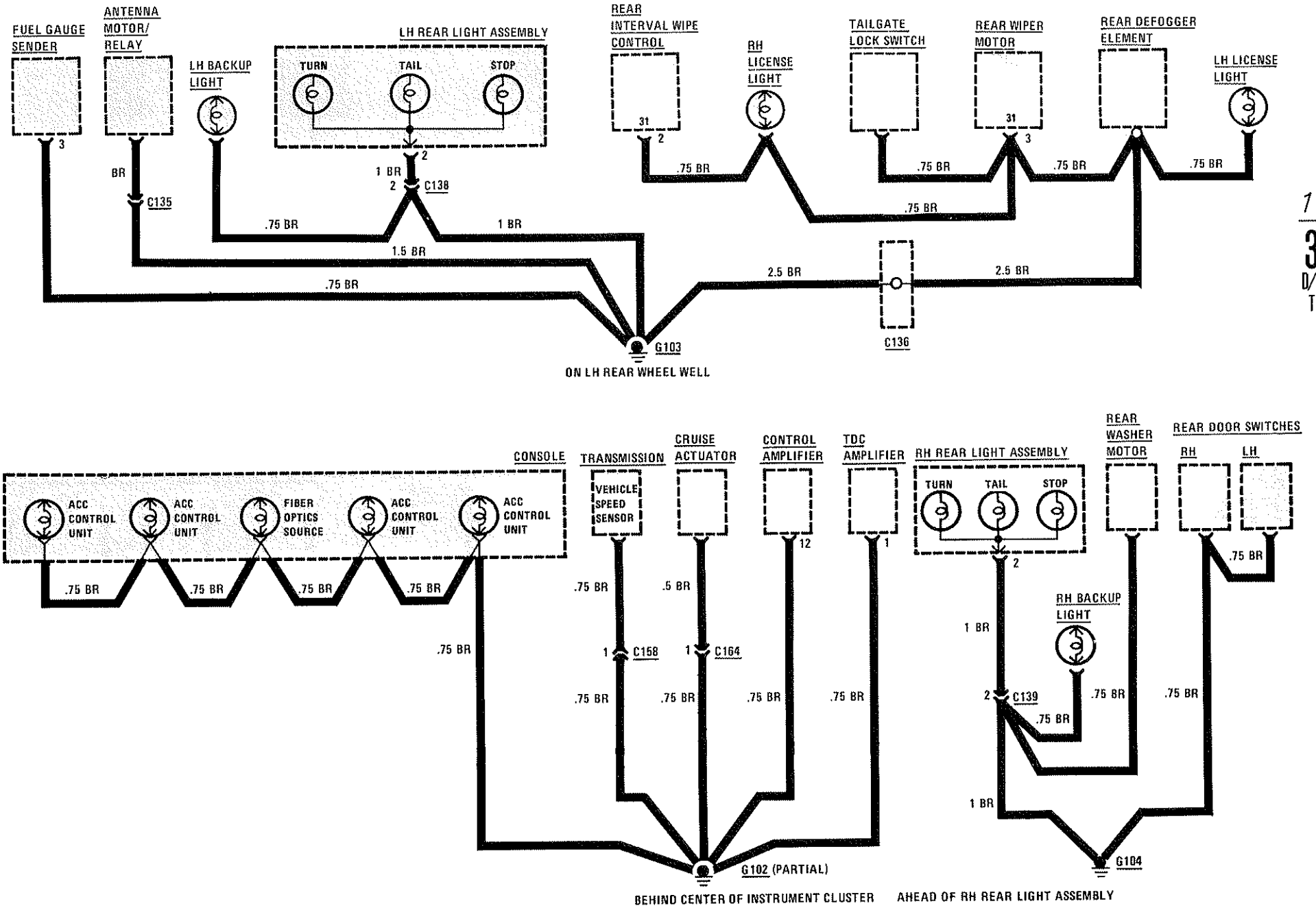
GROUND DISTRIBUTION

136
300
D/CO/TO
TURBO



GROUND DISTRIBUTION

300 TD

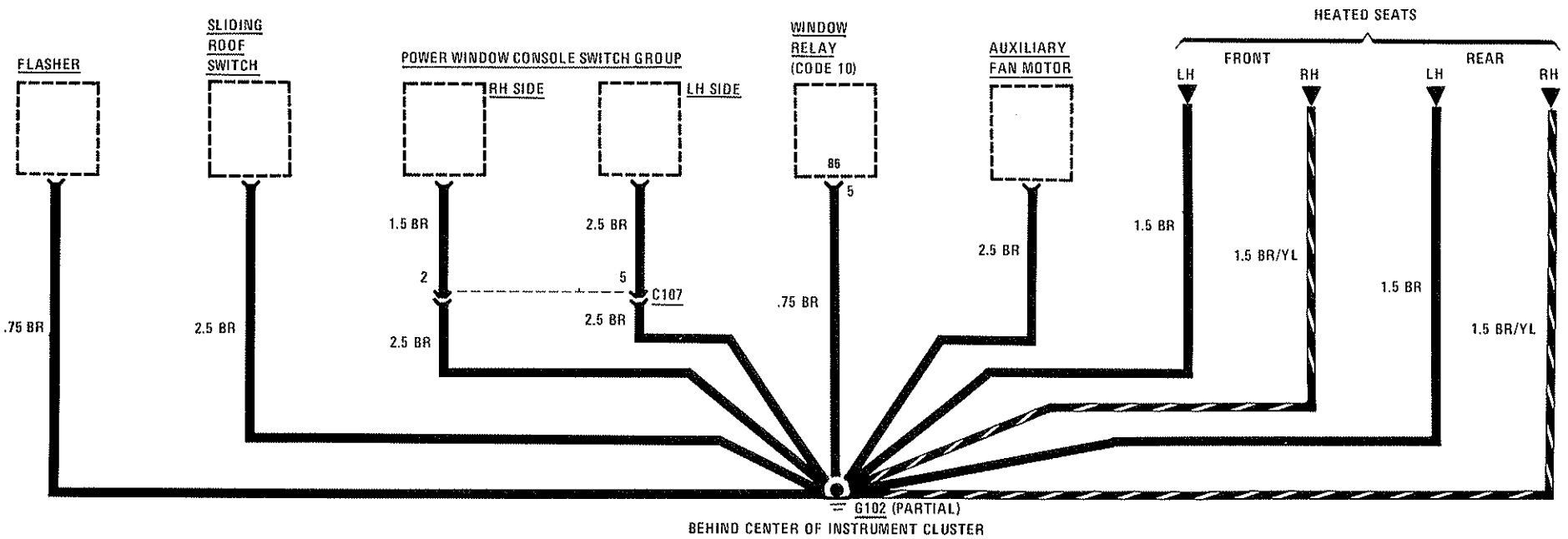
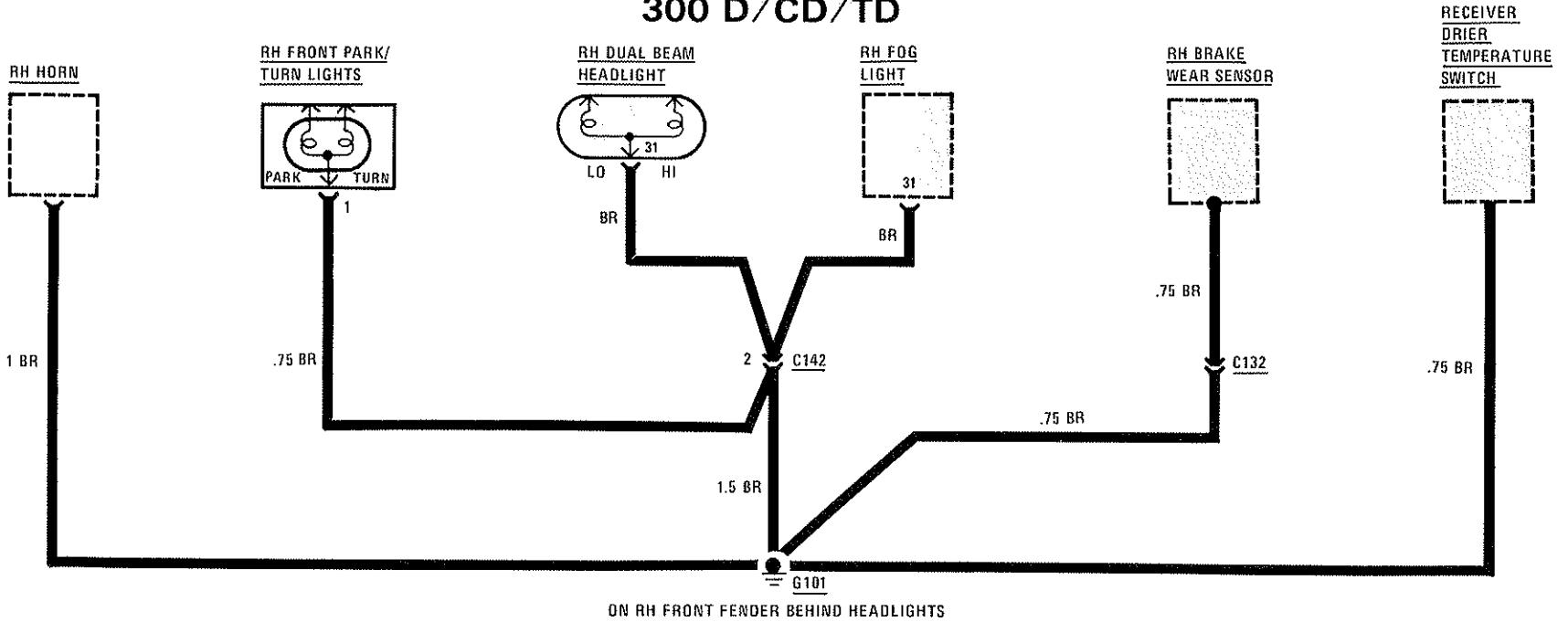


137
300
D/CD/TD
TURBO

GROUND DISTRIBUTION

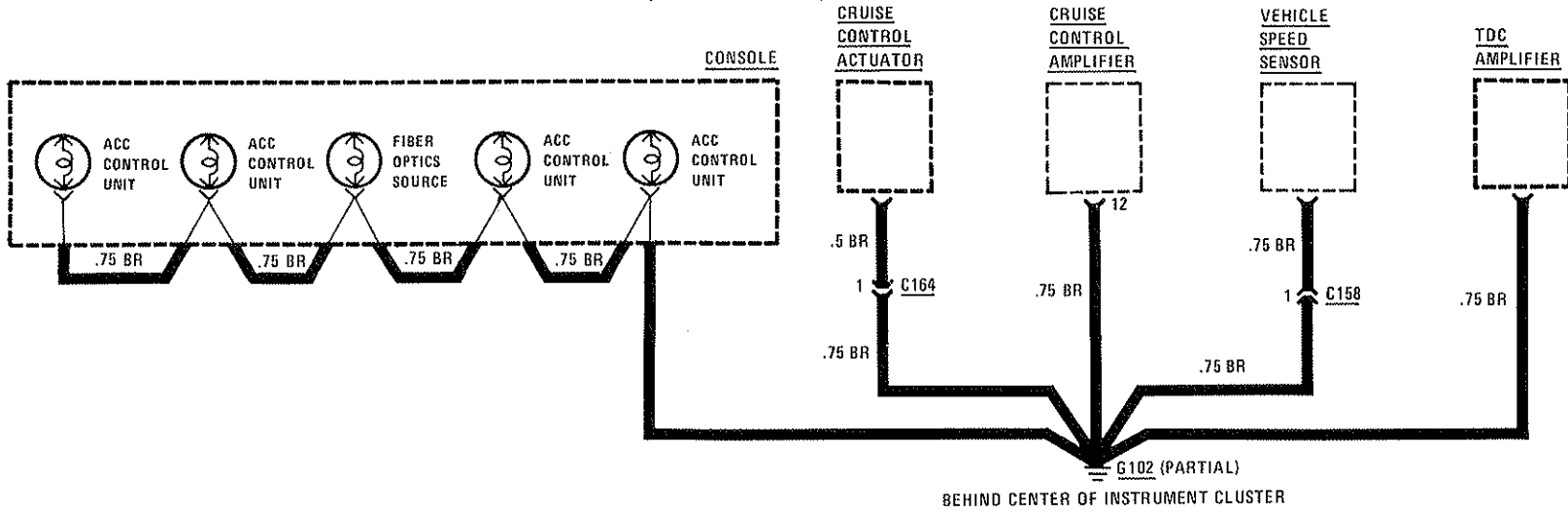
300 D/CD/TD

138
300
D/CD/TD
TURBO

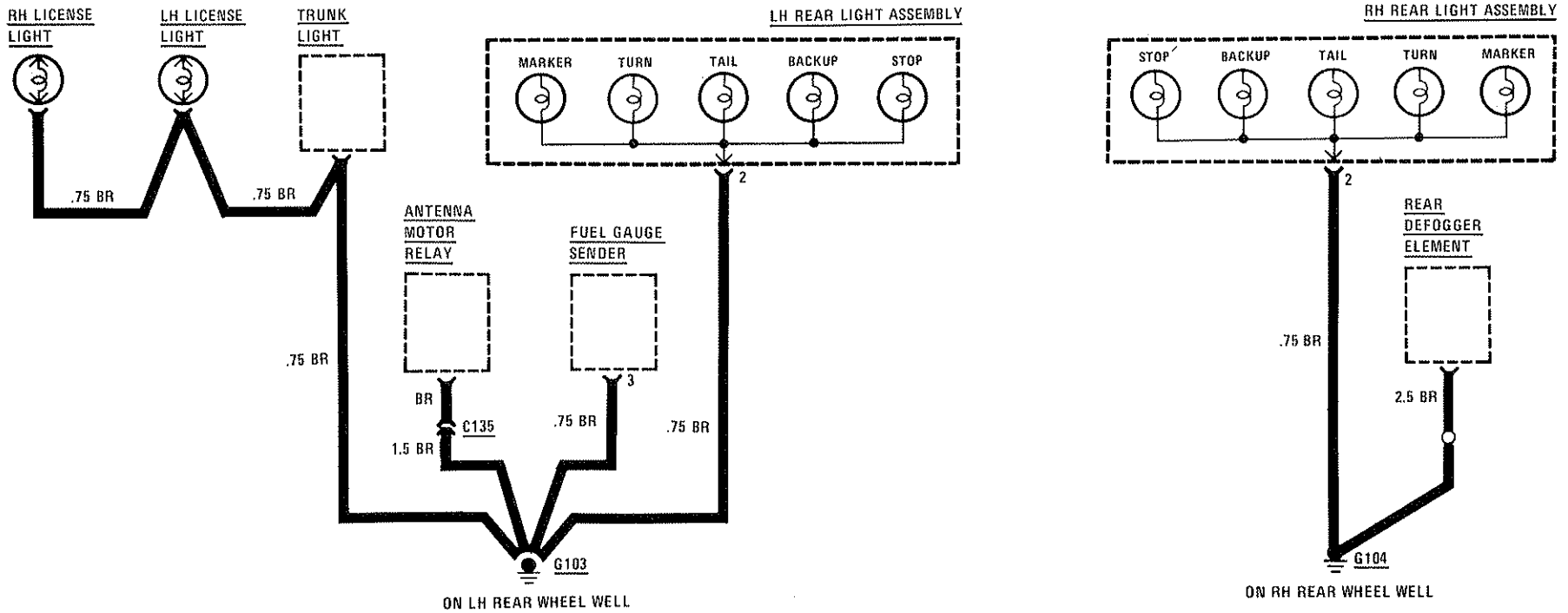


GROUND DISTRIBUTION

(300 D/CD)



139
300
D/CD/TD
TURBO





COMPONENT LOCATIONS

AUXILIARY FAN

		Page-Figure
Auxiliary Fan Motor	Front of radiator	
Auxiliary Fan Relay	Top of LH front wheel well, in relay box	201-2
Fuse Box	LH rear corner of engine compartment	100-1
Receiver Drier Temperature Switch	On receiver drier, behind RH headlights	202-1
G101	RH front fender, behind headlights	211-2
G102	Behind instrument cluster	209-4

BACKUP LIGHTS/TRANSMISSION KICKDOWN/ GLOVE BOX LIGHT/ENGINE OVERLOAD PROTECTION

Fuse Box	LH rear corner of engine compartment	100-1
Intake Manifold Pressure Switch	Top of intake manifold	202-2
Kickdown Solenoid	RH front of transmission	202-2
Kickdown Switch	Under accelerator pedal	
Overload Relief Valve	Behind power brake booster	201-1
Starter Lockout/Backup Light Switch	LH side of transmission	204-1
C104 (14 pins)	Under LH side of instrument panel	207-1
C138 (4 pins)	To left of spare tire	209-1
C139 (4 pins)	Ahead of RH rear light assembly	207-2
C146 (4 pins)	Beside upper console above accelerator pedal	210-6
C153 (2 pins)	LH front wheel well	206-2
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1
G104		
(300 D/CD)	Ahead of RH rear light assembly	209-3
(300 TD)	Ahead of RH rear light assembly	207-2

ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE

Fuse Box	LH rear corner of engine compartment	100-1
Hazard Switch	On center console	
Flasher	In center console forward of shift lever	
C124 (1 pin)	Behind center console	
G102	Behind instrument cluster	209-4
G109	In console, base of gear shift selector	

Page-Figure

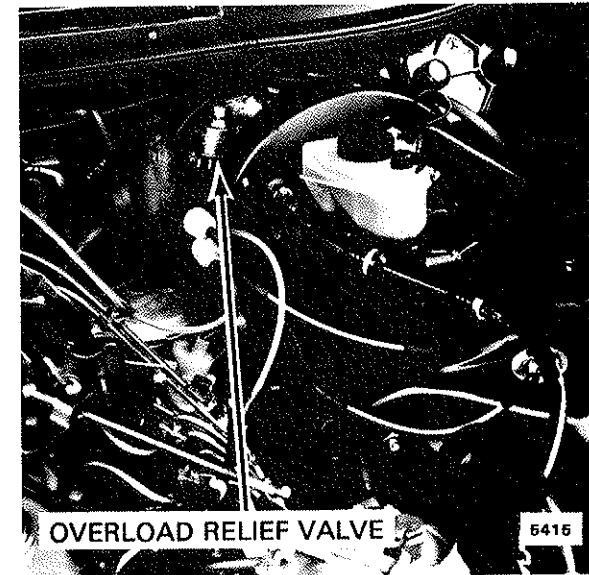


Figure 1 - LH Rear Corner of Engine Compartment

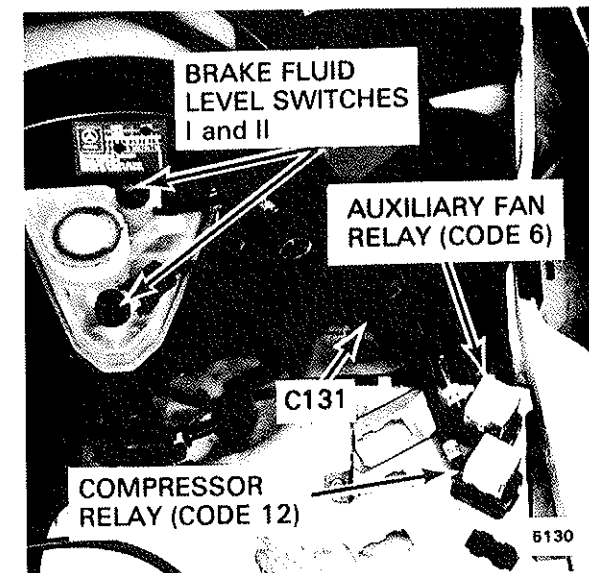


Figure 2 - Behind LH Front Wheel Well

201
300
D/CD/TD
TURBO

COMPONENT LOCATIONS

CHARGING SYSTEM

		Page-Figure
Fuse Box	LH rear corner of engine compartment	100-1
Ignition Switch	Instrument panel, right of steering column	208-1
Starter Assembly	Lower RH rear of engine	
G100	RH front fender, ahead of battery	211-1

CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

Antenna Motor/Relay		
(300 D/CD)	Behind LH rear wheel well	203-2
(300 TD)	To left of spare tire	209-1
Fuse Box	LH rear corner of engine compartment	100-1
C135 (6 pins)		
(300 D/CD)	Behind LH rear wheel well	
(300 TD)	To left of spare tire	209-1
C148 (2 pins)	Behind upper console	
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1

COURTESY LIGHTS

Door Switches	In each door jamb	
Fuse Box	LH rear corner of engine compartment	100-1
Rear Wiper Motor	Lower middle of tailgate	203-1
Tailgate Lock Switch	Inside lower middle area of tailgate	203-1
Warning Module	To right of parking brake support	207-1
C104 (14 pins)	Under LH side of instrument panel	207-1
C136 (8 terminals)	Top center of tailgate frame	208-2
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1
G104	Ahead of RH rear light assembly	207-2
(D/CD)	Ahead of RH rear light assembly	209-3
(TD)	Ahead of RH rear light assembly	207-2

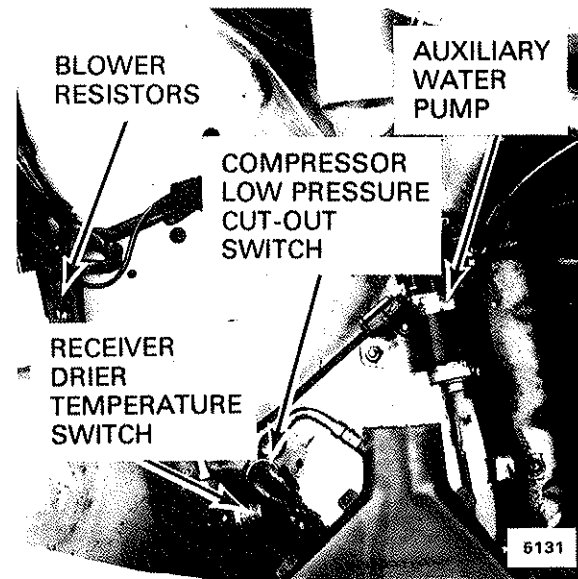


Figure 1 - Behind RH Headlights

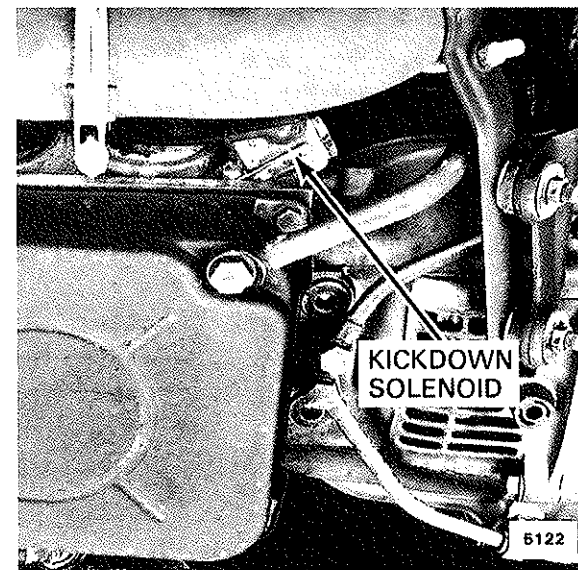


Figure 2 - RH Side of Transmission

COMPONENT LOCATIONS

HEADLIGHTS/FOG LIGHTS

		Page-Figure
Combination Switch	Upper LH side of steering column	204-2
Fuse Box	LH rear corner of engine compartment	100-1
C106 (14 pins)	To left of brake pedal support	207-1
C141 (4 pins).....	Behind LH headlight assembly	
C142 (4 pins).....	Behind RH headlight assembly	
G101	RH front fender, behind headlights	211-2
G102	Behind instrument cluster	209-4

HEATED SEATS

Fuse Box	LH rear corner of engine compartment	100-1
Seat Heaters	In each seat cushion	
Seat Heater Switches	On center console	
G102	Behind instrument cluster	209-4

HORNS/SLIDING ROOF

Fuse Box	LH rear corner of engine compartment	100-1
Sliding Roof Motor.....	In trunk, above LH rear wheel well	
Sliding Roof Switch.....	On upper console	
Slip Rings	Behind center of steering wheel	204-2
Washer Motor	At base of washer fluid reservoir	
C106 (14 pins)	To left of brake pedal support	207-1
G101	RH front fender, behind headlights	
G102	Behind instrument cluster	209-4

LIGHTS: MARKER/LICENSE/TRUNK (300 D/CD)

Fuse Box	LH rear corner of engine compartment	100-1
C104 (14 pins)	Under left side of instrument panel	207-1
G103	In trunk, behind LH wheel well	203-2
G104	Ahead of RH rear light assembly	209-3

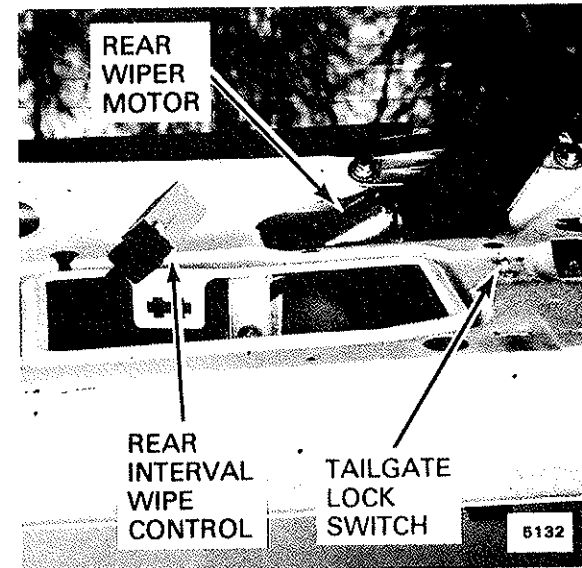


Figure 1 - Below Tailgate Window

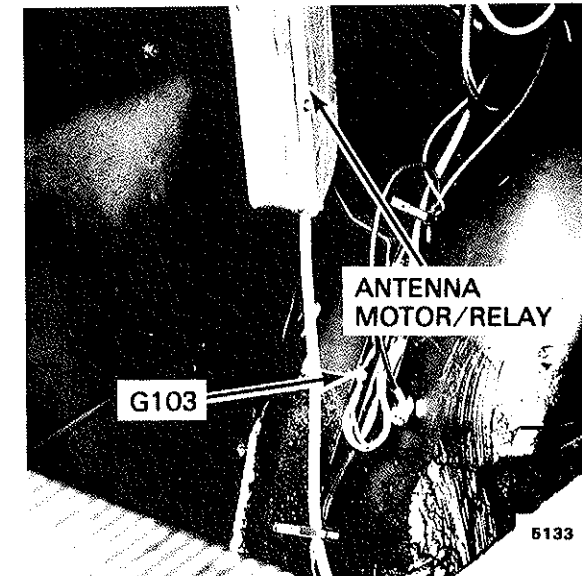


Figure 2 - Behind LH Rear Wheel Well
(D/CD only)

203
300
D/CD/TD
TURBO

COMPONENT LOCATIONS

LIGHTS: PARK/TAIL (300 D/CD)

Fuse Box	LH rear corner of engine compartment	100-1
C104 (14 pins)	Under LH side of instrument panel	207-1
C141 (4 pins).....	Behind LH headlight assembly	
C142 (4 pins).....	Behind RH headlight assembly	
G101	RH front fender, behind headlights.....	211-2
G102	Behind instrument cluster	209-4
G103	In trunk, behind LH wheel well	203-2
G104	Ahead of RH rear light assembly	209-3

204

300
D/CD/TD
TURBO

LIGHTS: PARK/TAIL/LICENSE (300 TD)

Fuse Box	LH rear corner of engine compartment	100-1
Rear Wiper Motor	Inside lower middle area of tailgate	203-1
C104 (14 pins)	Under LH side of instrument panel	207-1
C136 (8 terminals)	Top center of tailgate frame.....	208-2
C138 (4 pins).....	To left of spare tire	209-1
C139 (4 pins).....	Ahead of RH rear light assembly	207-2
C141 (4 pins).....	Behind LH headlight assembly	
C142 (4 pins).....	Behind RH headlight assembly	
G101	RH front fender, behind headlights.....	211-2
G102	Behind instrument cluster	209-4
G103	Above LH rear wheel well	205-1
G104	Ahead of RH rear light assembly	207-2

POWER DISTRIBUTION

Fuse Box	LH rear corner of engine compartment	100-1
Ignition Switch	Instrument panel, right of steering column	208-1
Starter Assembly	Lower RH rear of engine	
C104 (14 pins).....	Under LH side of instrument panel	207-1
C105 (3 terminals)	On RH fender well forward of battery	210-2
G100	RH front fender, ahead of battery.....	211-1

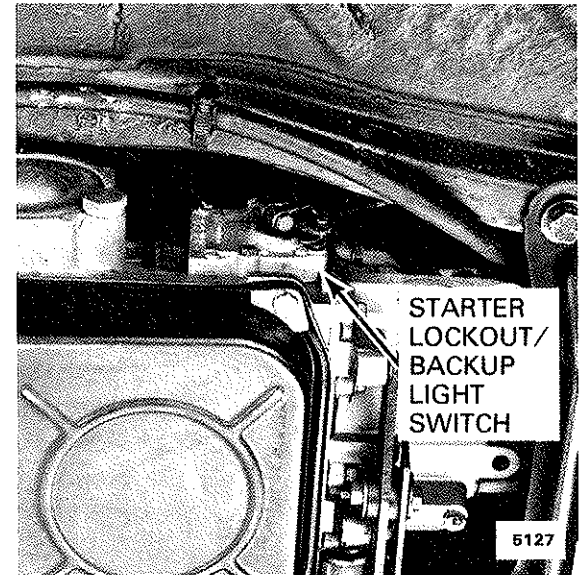


Figure 1 - LH Side of Transmission
(D/CD only)

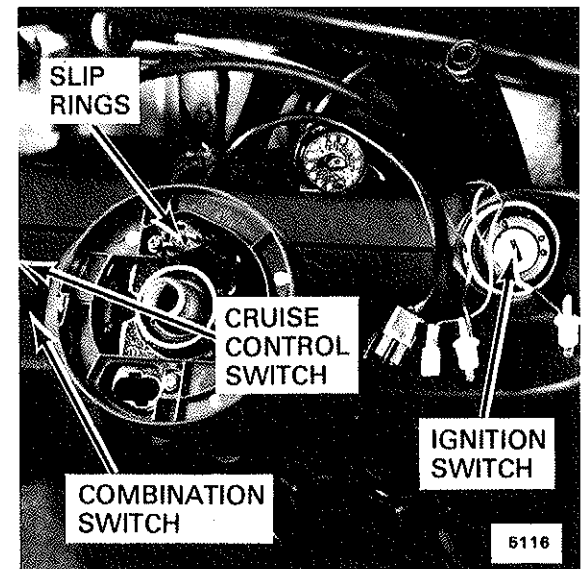


Figure 2 - Steering Column

COMPONENT LOCATIONS

POWER WINDOWS

		Page-Figure
Console Switch Group	On center console	
Fuse Box	LH rear corner of engine compartment	100-1
Rear Window Switches	Below each rear window	
Window Motors	Below each window	209-2
Window Relay	Behind instrument cluster	205-2
C107 (8 pins)	Under console	
C108 (2 pins)	Under console	
G102	Behind instrument cluster	209-4

PRE-GLOW SYSTEM

Fuse Box	LH rear corner of engine compartment	100-1
Glow Plug Control Relay	Behind LH headlights	206-2
Ignition Switch	Instrument panel, right of steering column	208-1
Starter Assembly	Lower RH rear of engine	
Starter Lockout/Backup		
Light Switch	LH side of transmission	204-1
Washer Motor	Bottom of washer fluid reservoir	
C130 (6 pins)	Connected to glow plug control relay	
C137 (6 pins)	Connected to glow plug control relay	
C141 (4 pins)	Behind LH headlight assembly	
C146	Beside upper console above accelerator pedal ...	210-6
G100	RH front fender, ahead of battery	211-1
G102	Behind instrument cluster	209-4

REAR DEFOGGER

Fuse Box	LH rear corner of engine compartment	100-1
Rear Defogger Switch	On upper console	
Rear Defogger Timer Relay ..	Behind LH side of instrument cluster	205-2
C104 (14 pins)	Under LH side of instrument panel	207-1
C136 (8 terminals)	Top center of tailgate frame	208-2
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1
G104		
(300 D/CD)	Ahead of RH rear light assembly	209-3
(300 TD)	Ahead of RH rear light assembly	207-2

Page-Figure

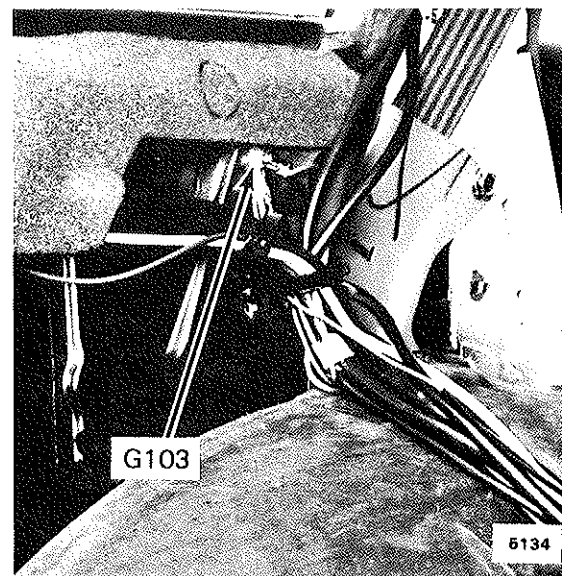


Figure 1 - Above LH Rear Wheel Well (TD only)

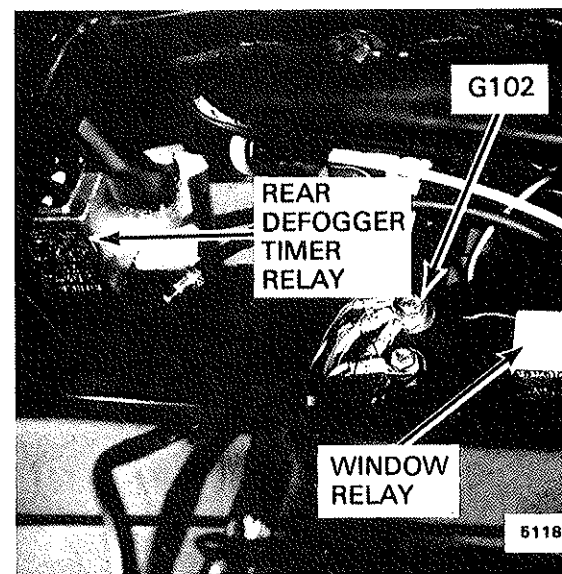


Figure 2 - Behind Instrument Cluster

205
300
D/CD/TD
TURBO

COMPONENT LOCATIONS

REAR WIPER/WASHER

		Page-Figure
Fuse Box	LH rear corner of engine compartment	100-1
Rear Interval Wipe Control	In lower RH side of tailgate	203-1
Rear Washer Motor	Behind fuel tank intake tube	207-2
Rear Wiper Motor	Lower middle of tailgate	203-1
C136 (8 terminals)	Top center of tailgate frame	208-2
C139 (4 pins)	Ahead of RH rear light assembly	207-2
G103	Above LH rear wheel well	205-1
G104	Ahead of RH rear light assembly	207-2

206

300
D/CO/TO
TURBO

SEAT BACKREST LOCKING SYSTEM

Door Switches	In each door jamb	
Fuse Box	LH rear corner of engine compartment	100-1
Switchover Valve	Under LH side of I/P	
Warning Module	To right of parking brake support	207-1
C160 (1 pin)	In RH door of coupe	
C161 (1 pin)	In RH door of coupe	
G102	Behind instrument cluster	209-4

START/STOP (IGNITION SWITCH)

Fuel Shutoff Diaphragm	Rear of fuel injection pump	206-1
Ignition Switch	Instrument panel, right of steering column	208-1
Starter Assembly	Lower RH rear of engine	
Starter Lockout/Backup		
Light Switch	LH side of transmission	204-1
C105 (3 terminals)	On RH fender well forward of battery	210-2
C146 (4 pins)	Beside upper console above accelerator pedal	210-6
G100	RH front fender, ahead of battery	211-1

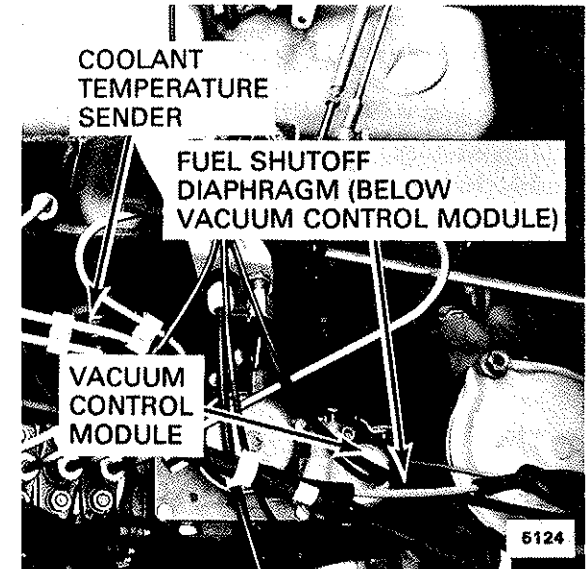


Figure 1 - LH Rear of Engine



Figure 2 - LH Front Wheel Well

COMPONENT LOCATIONS

STOPLIGHTS/CRUISE CONTROL

		Page-Figure
Brake Switch	Top of brake pedal support	
Cruise Control Actuator	LH front of engine	210-5
Cruise Control Amplifier	To right of parking brake support	207-1
Cruise Control Switch	Upper LH side of steering column	204-2
Fuse Box	LH rear corner of engine compartment	100-1
Vehicle Speed Sensor	Mounted on rear of speedometer	209-5
C104 (14 pins)	Under LH side of instrument panel	207-1
C138 (4 pins)	To left of spare tire	209-1
C139 (4 pins)	Ahead of RH rear light assembly	207-2
C140 (6 pins)	To left of brake pedal support	207-1
C164 (8 pins)	On LH front wheel well	206-2
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1
G104		
(300 D/CD)	Ahead of RH rear light assembly	209-3
(300 TD)	Ahead of RH rear light assembly	207-2

TURN SIGNAL/HAZARD LIGHTS

Combination Switch	Upper LH side of steering column	204-2
Flasher	In center console forward of shift lever	
Fuse Box	LH rear corner of engine compartment	100-1
Hazard Switch	On center console	
C104 (14 pins)	Under LH side of instrument panel	207-1
C106 (14 pins)	To left of brake pedal support	207-1
C138 (4 pins)	To left of spare tire	209-1
C139 (4 pins)	Ahead of RH rear light assembly	207-2
C141 (4 pins)	Behind LH headlight assembly	
C142 (4 pins)	Behind RH headlight assembly	
G101	RH front fender, behind headlights	211-2
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1
G104		
(300 D/CD)	Ahead of RH rear light assembly	209-3
(300 TD)	Ahead of RH rear light assembly	207-2

Page-Figure

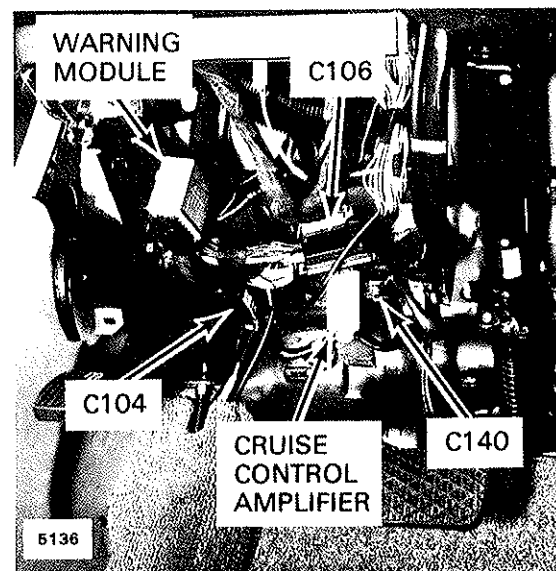


Figure 1 - Above Driver's Footwell

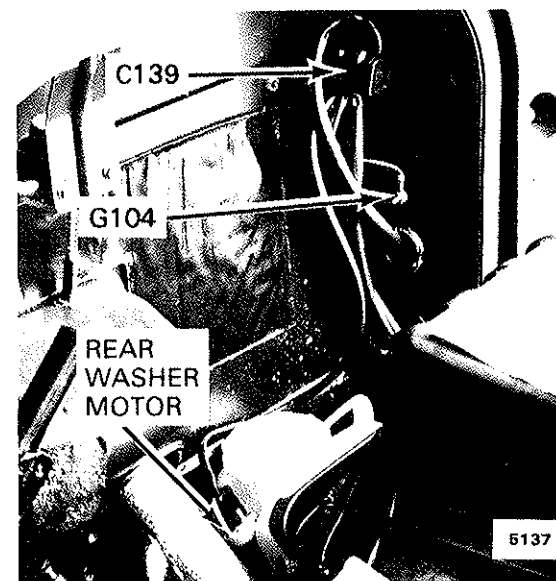


Figure 2 - In Front of RH Rear Lights (TD only)

207
300
D/CD/TD
TURBO

COMPONENT LOCATIONS

WARNING INDICATORS/GAUGES/CLOCK/ INSTRUMENT CLUSTER ILLUMINATION

		Page-Figure
Brake Wear Sensors	In each front brake pad	
Coolant Temperature Sender	LH side of cylinder head	206-1
Fuel Gauge Sender	Under first aid kit tray	
Fuse Box	LH rear corner of engine compartment	100-1
TDC Amplifier	In cap of diagnostic connector	206-2
TDC Sensor	Front of engine, above vibration dampener	
C104 (14 pins)	Under LH side of instrument panel	207-1
C131 (2 pins)	Behind LH front wheel well, below fuse box	201-2
C132 (2 pins)	Behind RH front wheel well, at battery	
C153 (2 pins)	LH front wheel well	206-2
G101	RH front fender, behind headlights	211-2
G102	Behind instrument cluster	209-4
G103		
(300 D/CD)	In trunk, behind LH wheel well	203-2
(300 TD)	Above LH rear wheel well	205-1

WARNING SYSTEM

Brake Fluid Level		
Switches	Brake fluid reservoir	201-2
Door Switches In each door jamb		
Driver's Seatbelt Switch Part of driver's seatbelt assembly		
Fuse Box	LH rear corner of engine compartment	100-1
Key Warning Switch	Part of ignition switch	208-1
Parking Brake Switch On parking brake support		
Warning Module	To right of parking brake support	207-1
C104 (14 pins)	Under LH side of instrument panel	207-1
C131 (2 pins)	Behind LH front wheel well, below fuse box	201-2
G102	Behind instrument cluster	209-4

WIPER/WASHER

Combination Switch	Upper LH side of steering column	204-2
Fuse Box	LH rear corner of engine compartment	100-1
Interval Wipe Control	Behind LH side of instrument cluster	209-4
Washer Motor Bottom of washer fluid reservoir		
Wiper Motor In center of fresh air duct		
C106 (14 pins)	To left of brake pedal support	207-1
C112 (6 pins)	To upper right of power brake booster	209-6
C141 (4 pins)	Behind LH headlight assembly	
G102	Behind instrument cluster	209-4



Figure 1 - Ignition Switch (As Seen From Below)

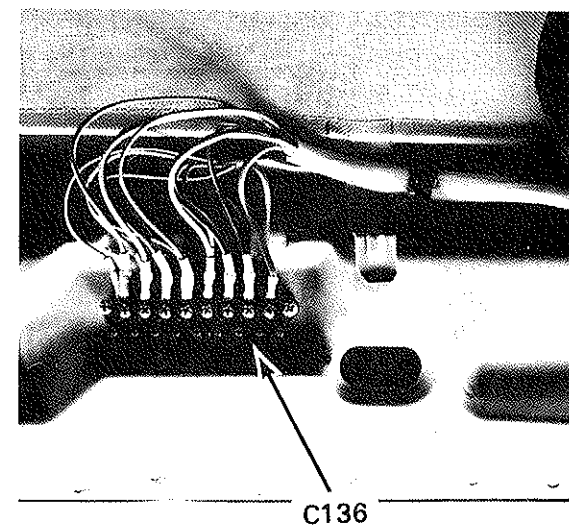


Figure 2 - Top of Tailgate Frame

COMPONENT LOCATIONS

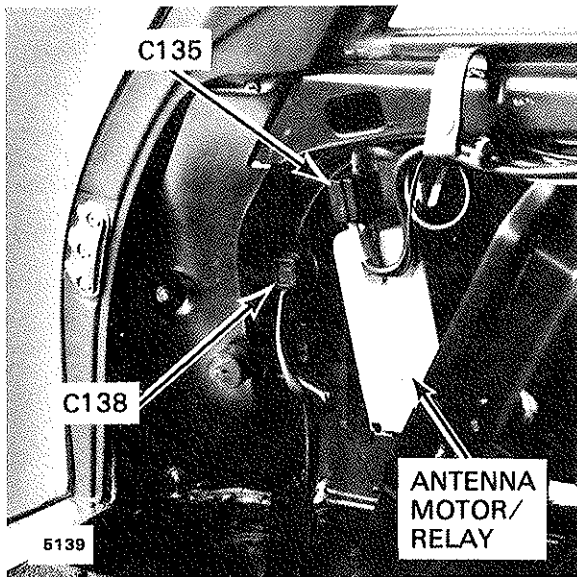


Figure 1 - Spare Tire Well (TD only)

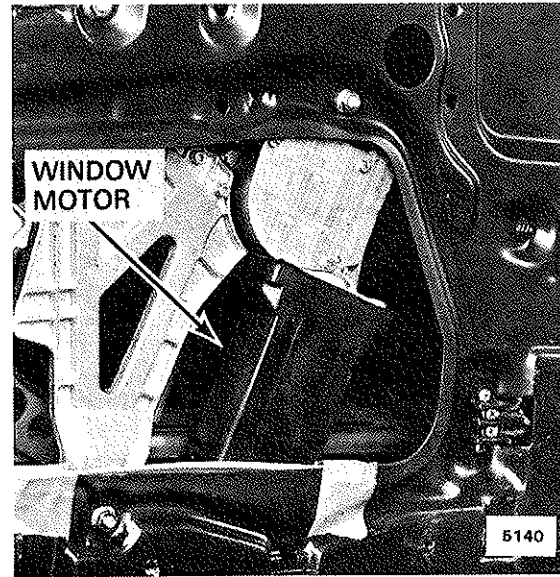


Figure 2 - Inside Driver's Door

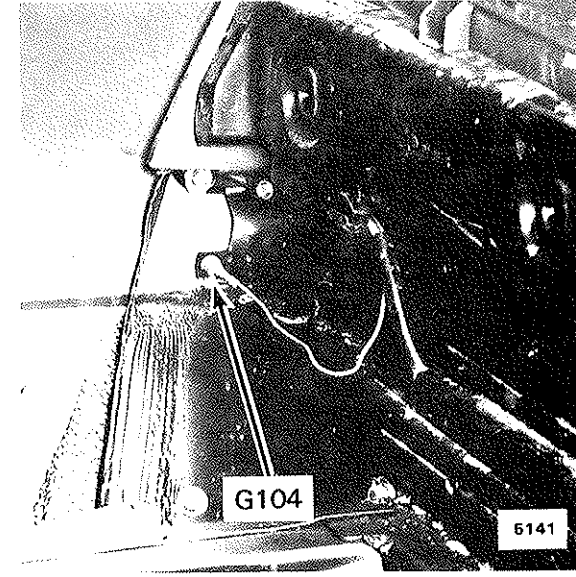


Figure 3 - In Front of RH Rear Lights (D/CD only)

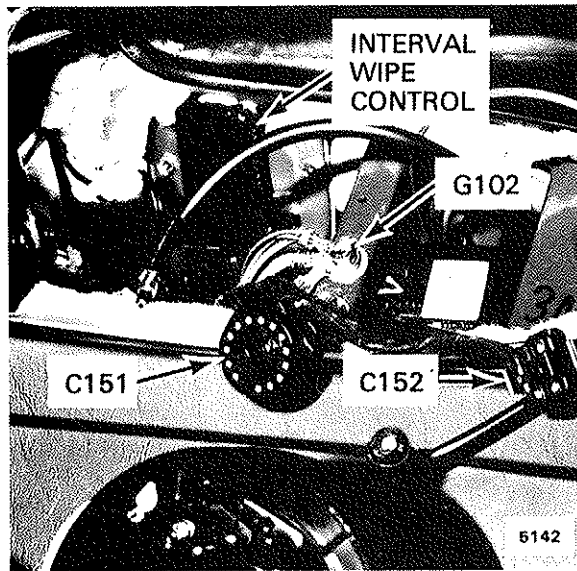


Figure 4 - Behind Instrument Cluster

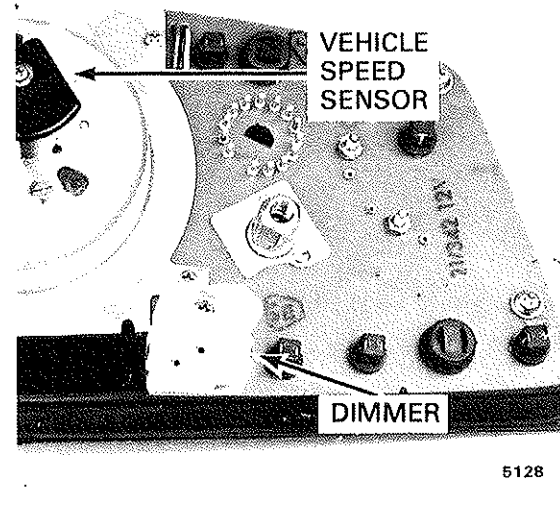


Figure 5 - Back of Instrument Cluster

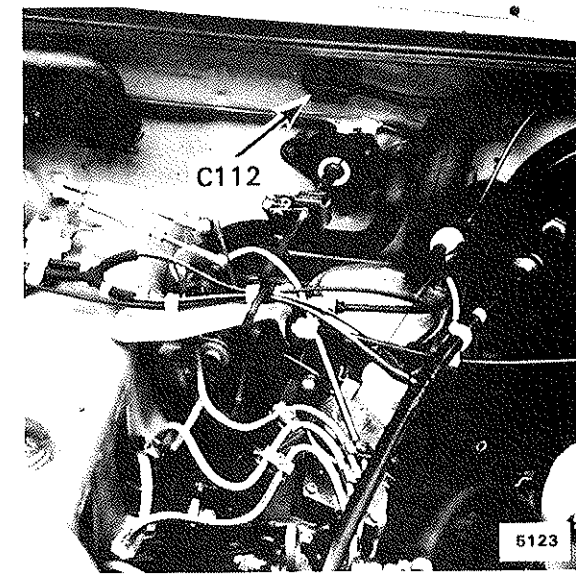


Figure 6 - Right of Power Brake Booster

COMPONENT LOCATIONS

210
300
D/CD/TD
TURBO

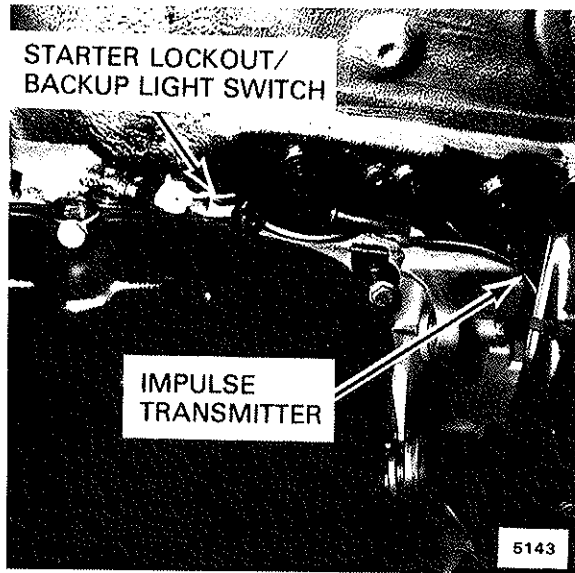


Figure 1 - LH Rear of Transmission (TD only)

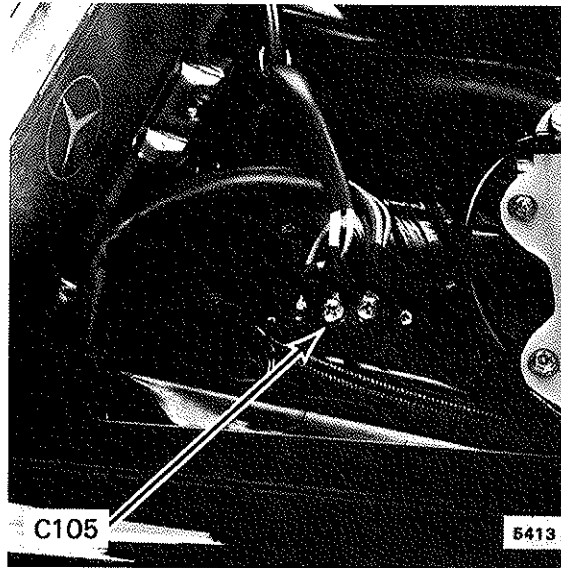


Figure 2 - RH Wheel Well

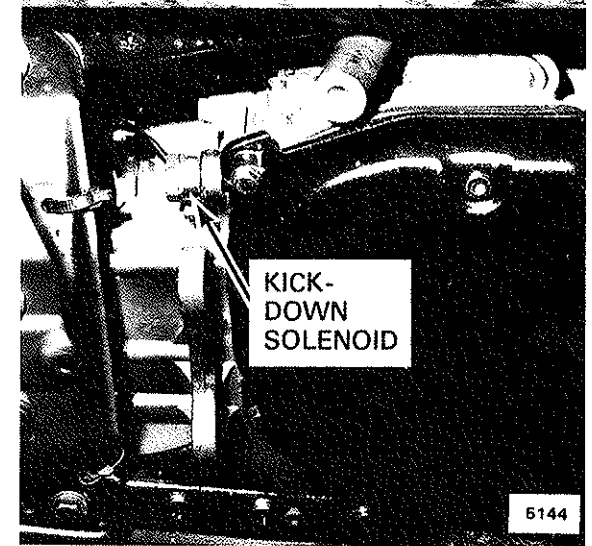


Figure 3 - RH Rear of Transmission (TD only)

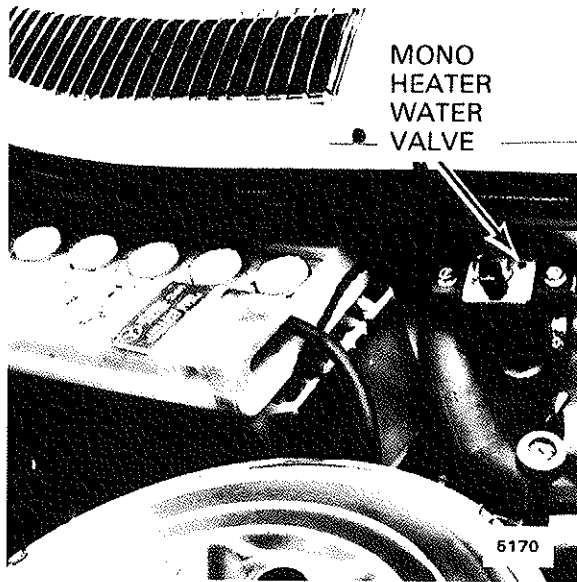


Figure 4 - RH Rear Corner of Engine Compartment

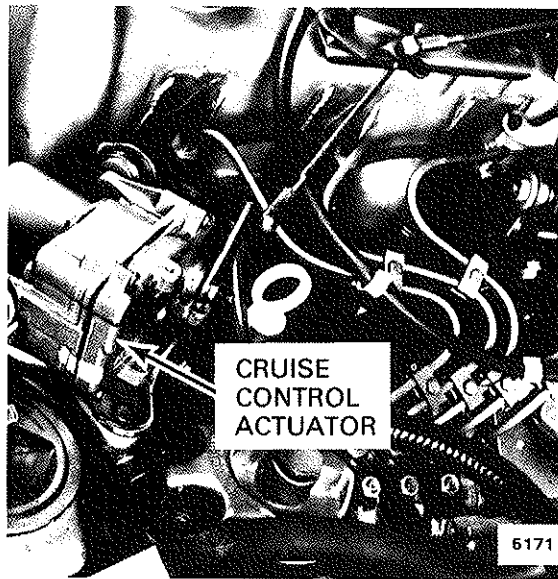


Figure 5 - LH Front of Engine (TD only)

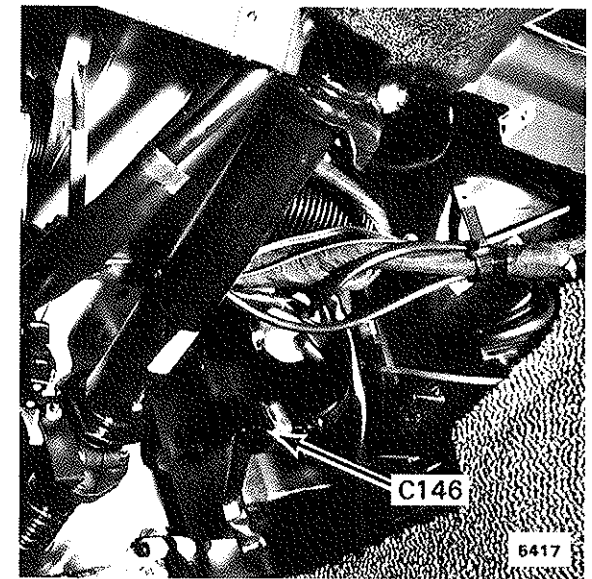


Figure 6 - To Right of Steering Column

COMPONENT LOCATIONS

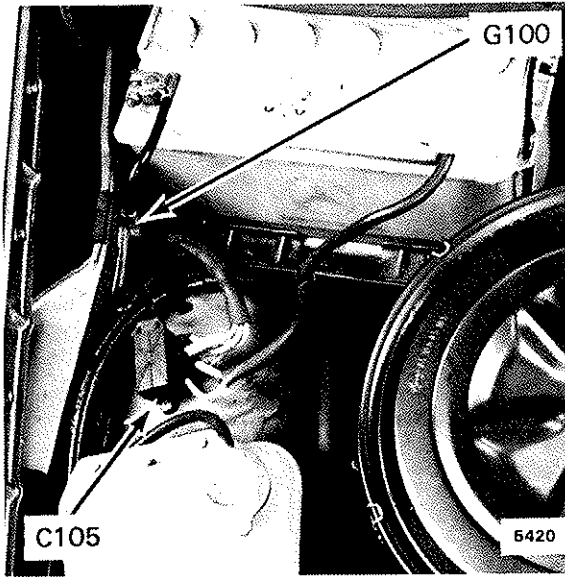


Figure 1 - RH Rear Corner of Engine Compartment

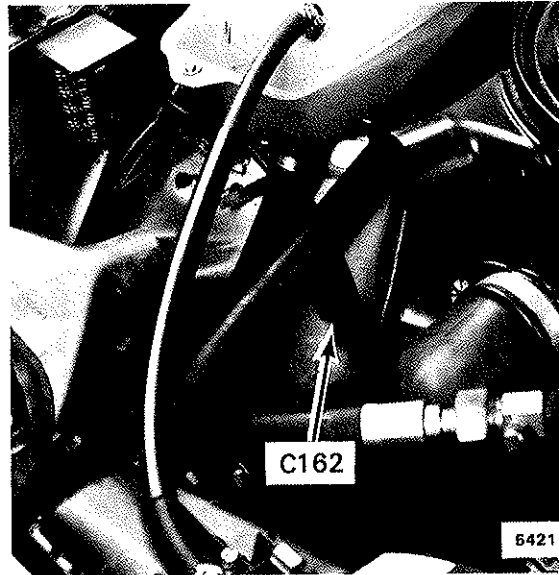


Figure 3 - RH Wheel Well Area

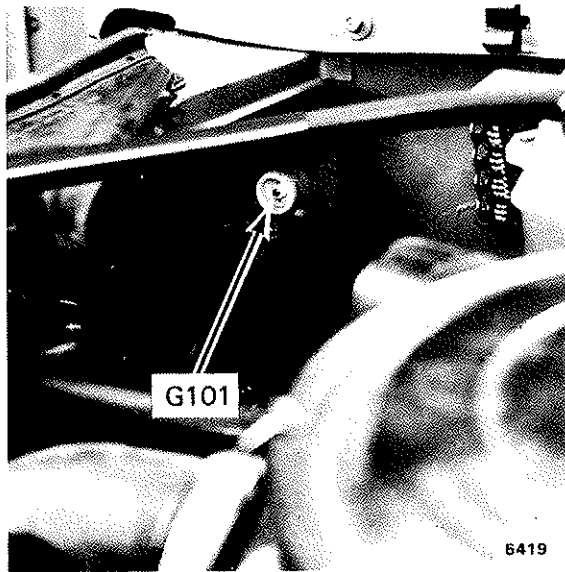


Figure 2 - RH Front Fender Behind Headlights

100

300

SD
TURBO

INDEX

1982 SALES DESIGNATIONS	MODEL
300 SD (TURBO) ... 126.120	

INDEX - Alphabetical Listing of Electrical Circuits

	SCHEMATIC	COMPONENT LOCATION		SCHEMATIC	COMPONENT LOCATION
Automatic Antenna	123	202	Lights (continued)		
Automatic Climate Control ...	122	323	—License	113	204
Auxiliary Fan	129	201	—Marker	113	204
Central Locking System	132	202	—Park	112	204
Charging System	108	202	—Stop	111	207
Cigar Lighter	123	202	—Tail	112	204
Clock	121	208	—Trunk	113	204
Cruise Control	111	207	—Turn Signal	118	207
Engine Overload Protection ..	109	202	Power Distribution	104	204
Fuse Information	102		Power Seats	126	205
Gauges	120	208	Power Windows	130	205
Ground Distribution	134		Pre-Glow System	106	205
Heated Seats	128	204	Radio	123	202
Horns	115	203	Rear Defogger	124	206
Lights			RH Outside Mirror	133	206
—Backup	109	202	Sliding Roof	125	206
—Center Console	114	204	Start/Stop (Ignition Switch) .	107	206
—Courtesy	116	203	Tachometer	120	
—Fog Lights	110	203	Transmission Kickdown	109	202
—Glove Box	115	203	Warning Indicators	120	208
—Hazard	118	207	Warning System	119	208
—Headlights	110	203	Wiper/Washer	124	209
—Instrument Cluster	114	204			



Fuse-Circuit List

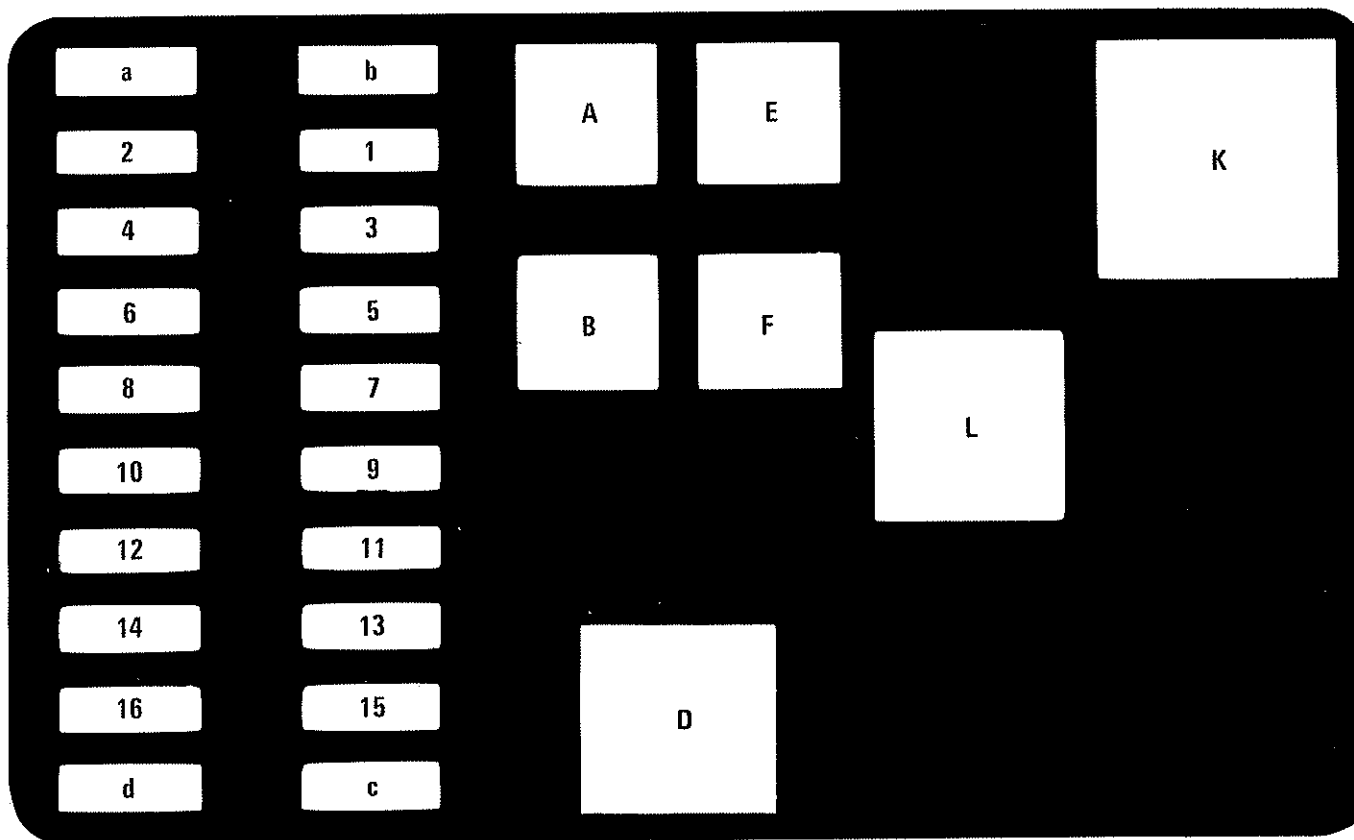
Fuse		Circuits Protected	Page
No.	Amps (color)		
1	8(WT)	Lights: Marker/License	113
		Lights: Park/Tail (RH)	112
		Warning System	119
		Illumination: Instrument Cluster/ Center Console	114
2	8(WT)	Headlights (RH High Beam)	110
3	8(WT)	Lights: Park/Tail (LH)	112
4	8(WT)	Headlights (LH High Beam)	110
5	25(BU)	Power Seats	126
6	8(WT)	Headlights (RH Low Beam)/Fog Lights	110
7	16(PK)	Headlights	110
		Wiper/Washer	124
		Power Windows	130
		RH Outside Mirror	133
		Power Seats	126
8	8(WT)	Headlights (LH Low Beam)	110
9	16(WT)	Glove Box Light	115
		Wiper/Washer	124
		Cigar Lighter/Radio	123
		Heated Seats	128
10	8(WT)	Backup Lights/Transmission	
		Kickdown/Engine Overload Protection	109
		Auxiliary Fan	129
		Automatic climate Control	122

Fuse		Circuits Protected	Page
No.	Amps(color)		
11	25(BU)	Automatic Climate Control	122
12	8(WT)	Stoplights/Cruise Control	111
		Warning Indicator/Gauges	120
		Turn Signal Lights	118
		Warning System	119
13	8(WT)	Lights: Hazard	118
		Clock	121
		Radio	130
		Central locking System	132
14	25(BU)	Rear Defogger	125
		Heated Seats	128
		Horns	115
15	8(WT)	Trunk Light	113
		Warning System	119
		Courtesy Lights	116
		Automatic Antenna	130
16	16(RD)	Sliding Roof	125
		Rear Seat Adjustment	126
a	16(PK)	Power Windows	128
b	16(PK)	Power Windows	128
c	16(PK)	Auxiliary Fan	127
d	25(BU)	Power Seats	125

102
300
SD
TURBO

FUSE BOX

FUSES
(SEE FACING PAGE)



RELAYS
(SEE BELOW)

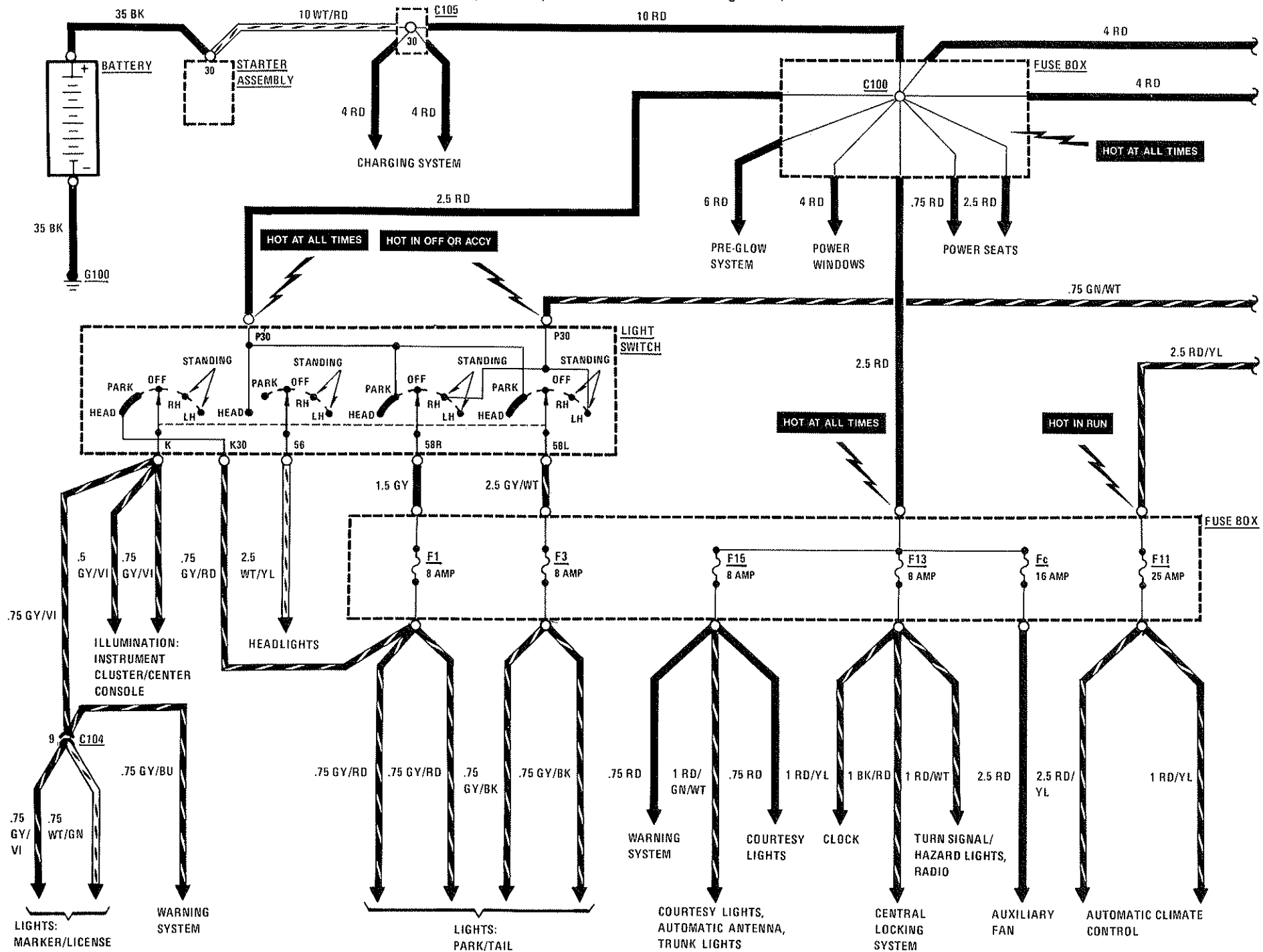
103
300
SO
TURBO

RELAY CODE	RELAY USE
A	Seat Control Relay (Power Seats)
B	Auxiliary Fan Relay
E	Power Separation Relay (Power Seats)
F	Window Relay (Power Windows)
D	Compressor Relay (ACC)
K	Rear Defogger Timer Relay
L	Interval Wipe Control

POWER DISTRIBUTION

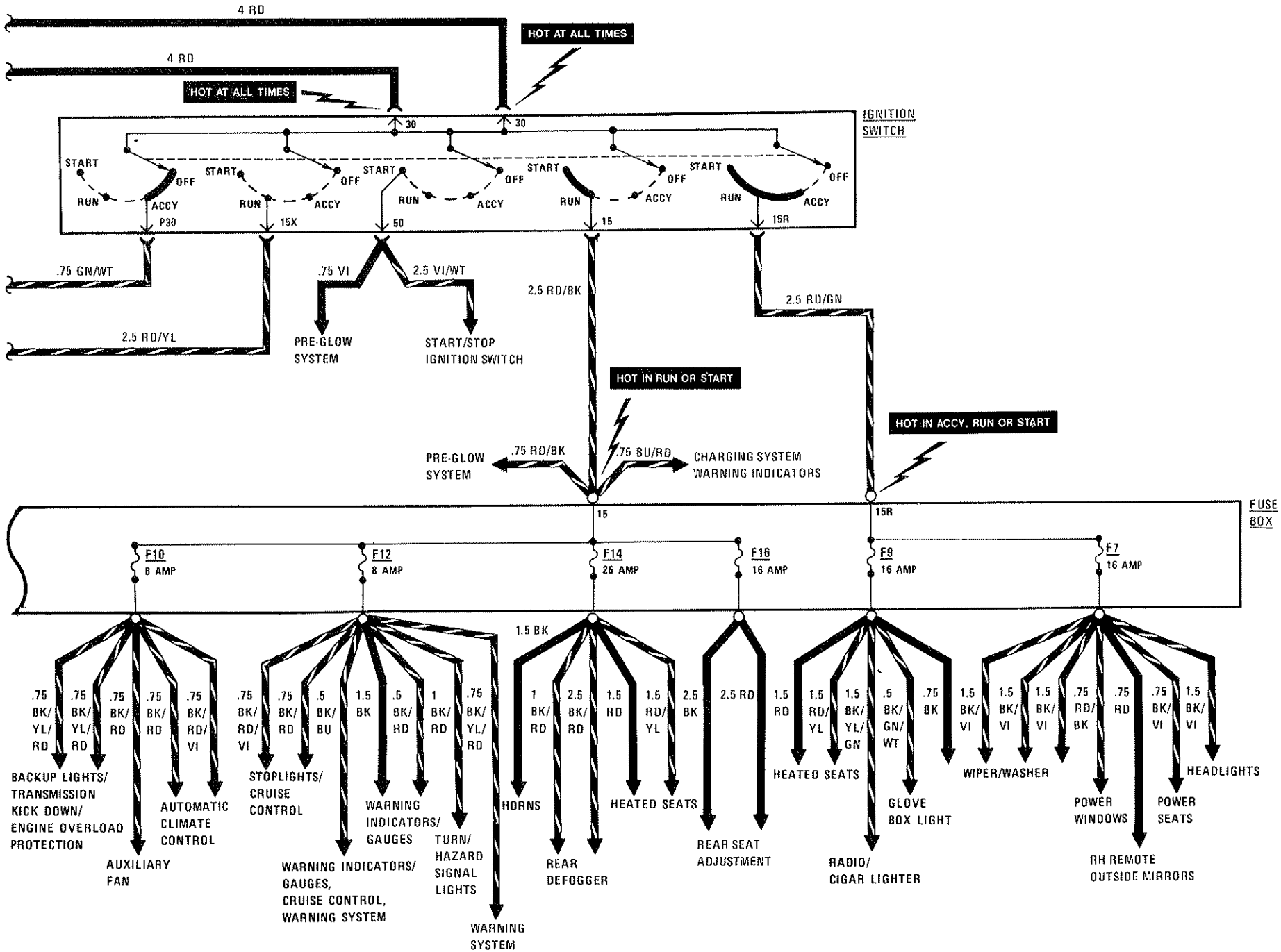
(For Component Locations See Page 204)

104
300
SD
TURBO



POWER DISTRIBUTION

(For Component Locations See Page 204)

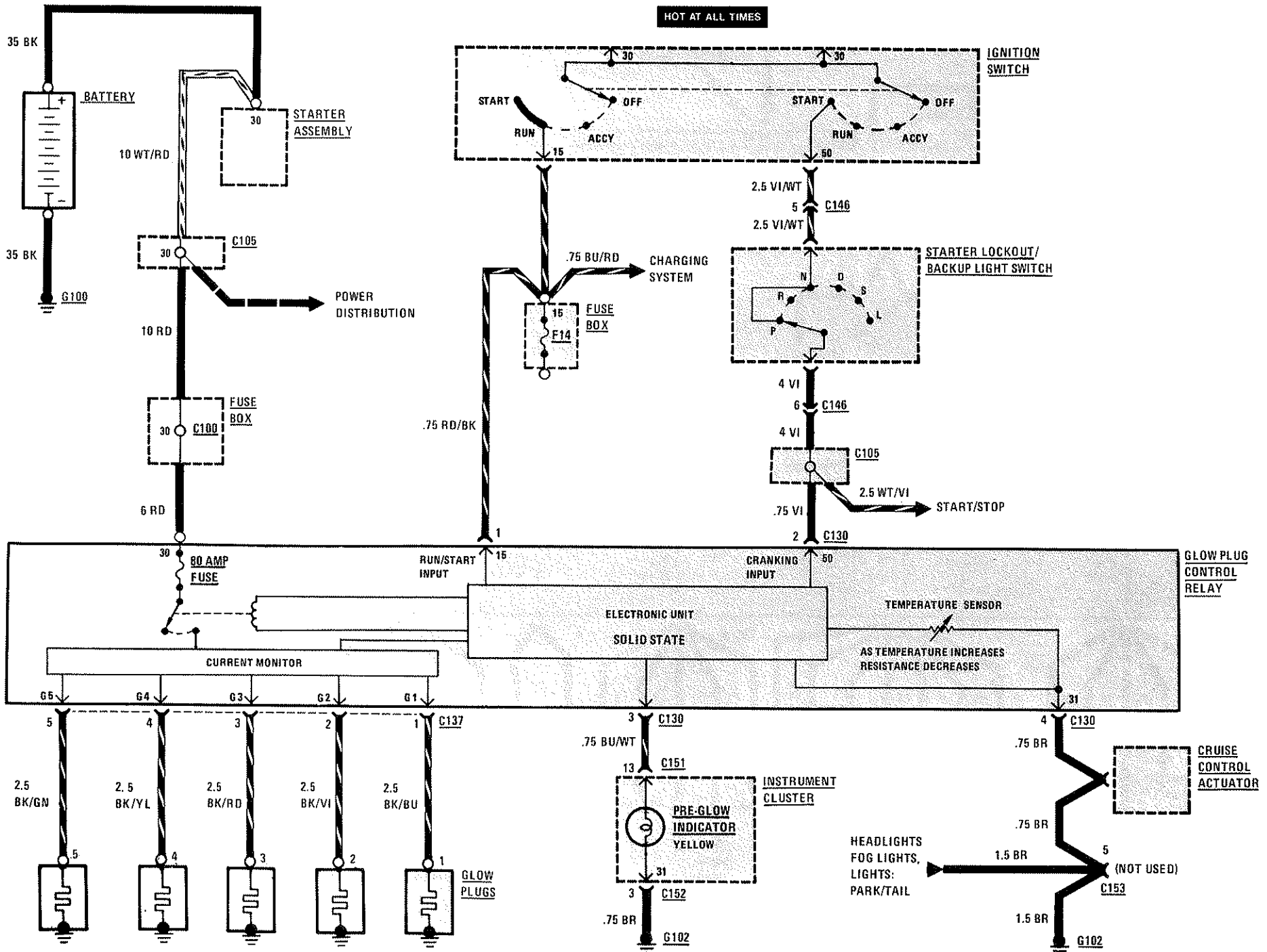


105
300
SD
TURBO

PRE-GLOW SYSTEM

(For Component Locations See Page 205)

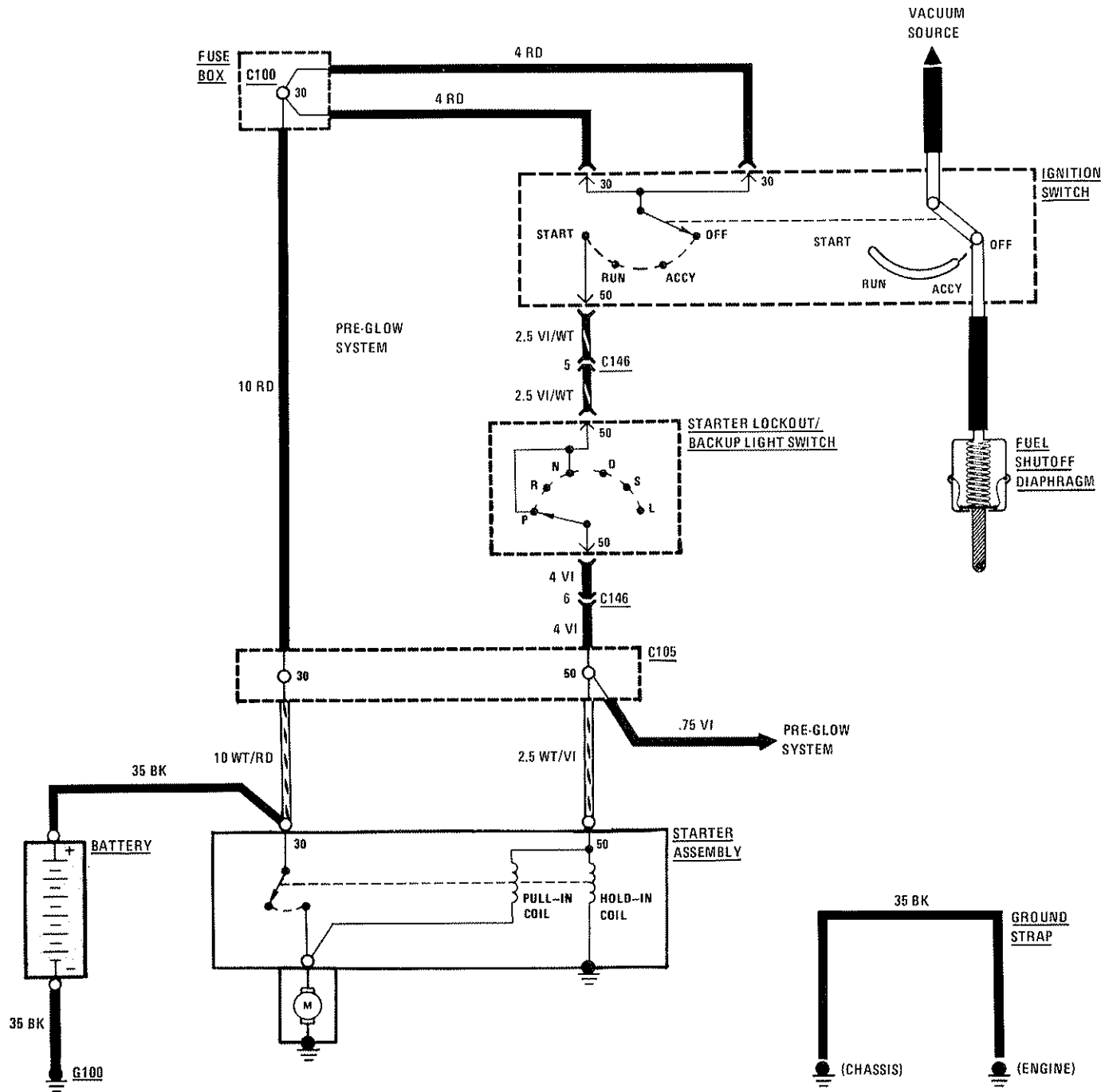
HOT AT ALL TIMES



106
300
SD
TURBO

START/STOP (IGNITION SWITCH)

(For Component Locations See Page 206)

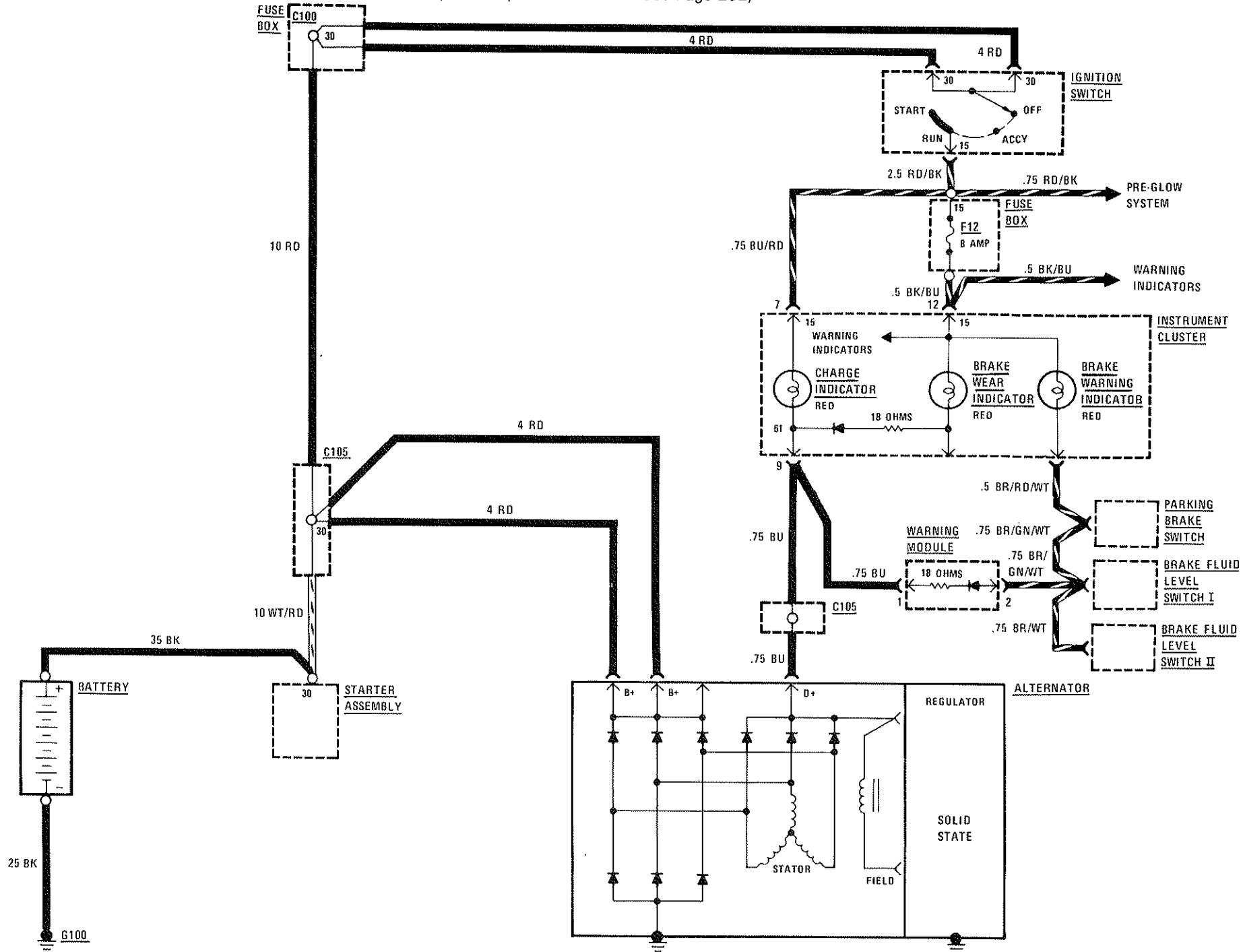


107
300
SD
TURBO

CHARGING SYSTEM

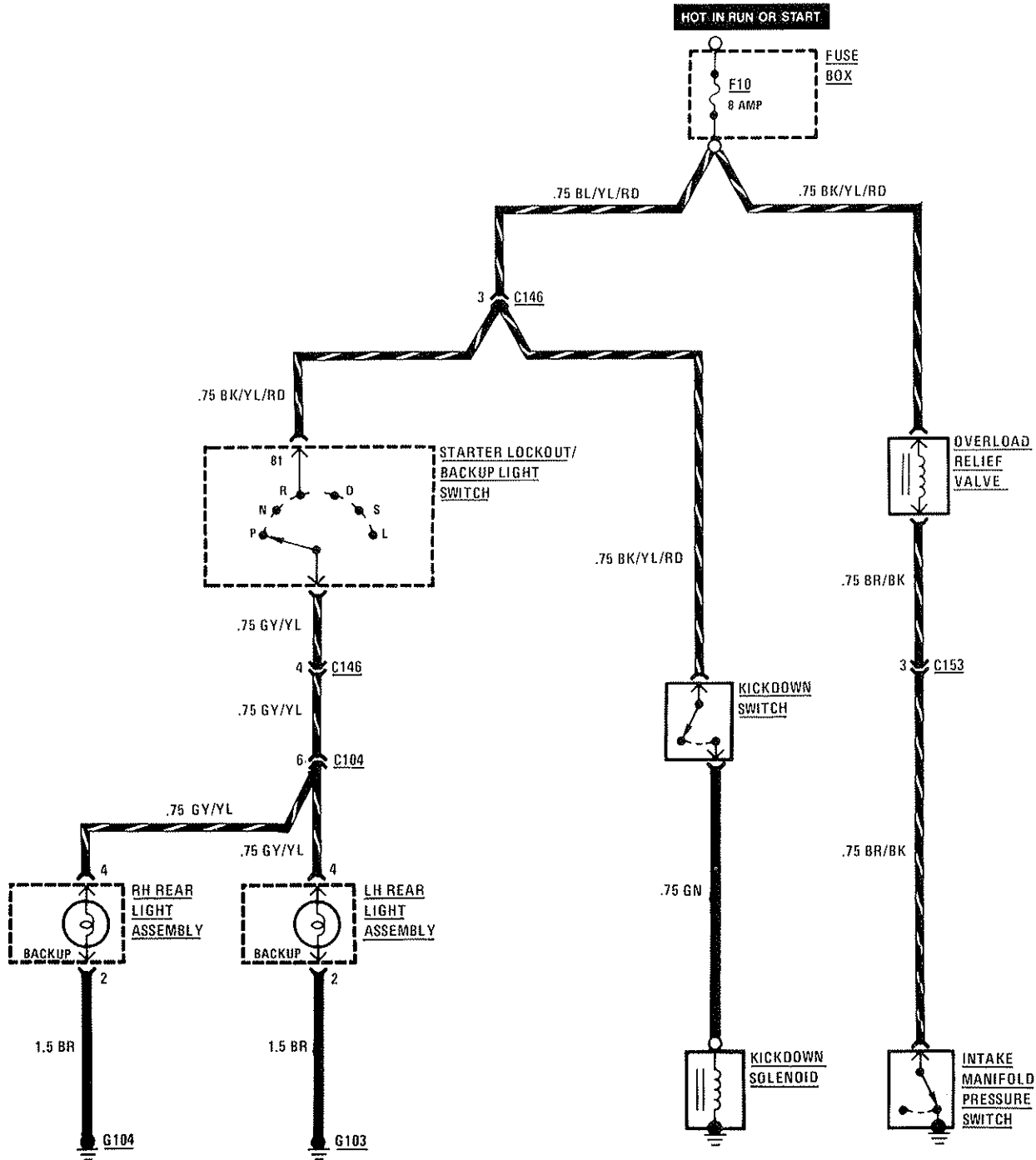
(For Component Locations See Page 202)

108
300
SD
TURBO



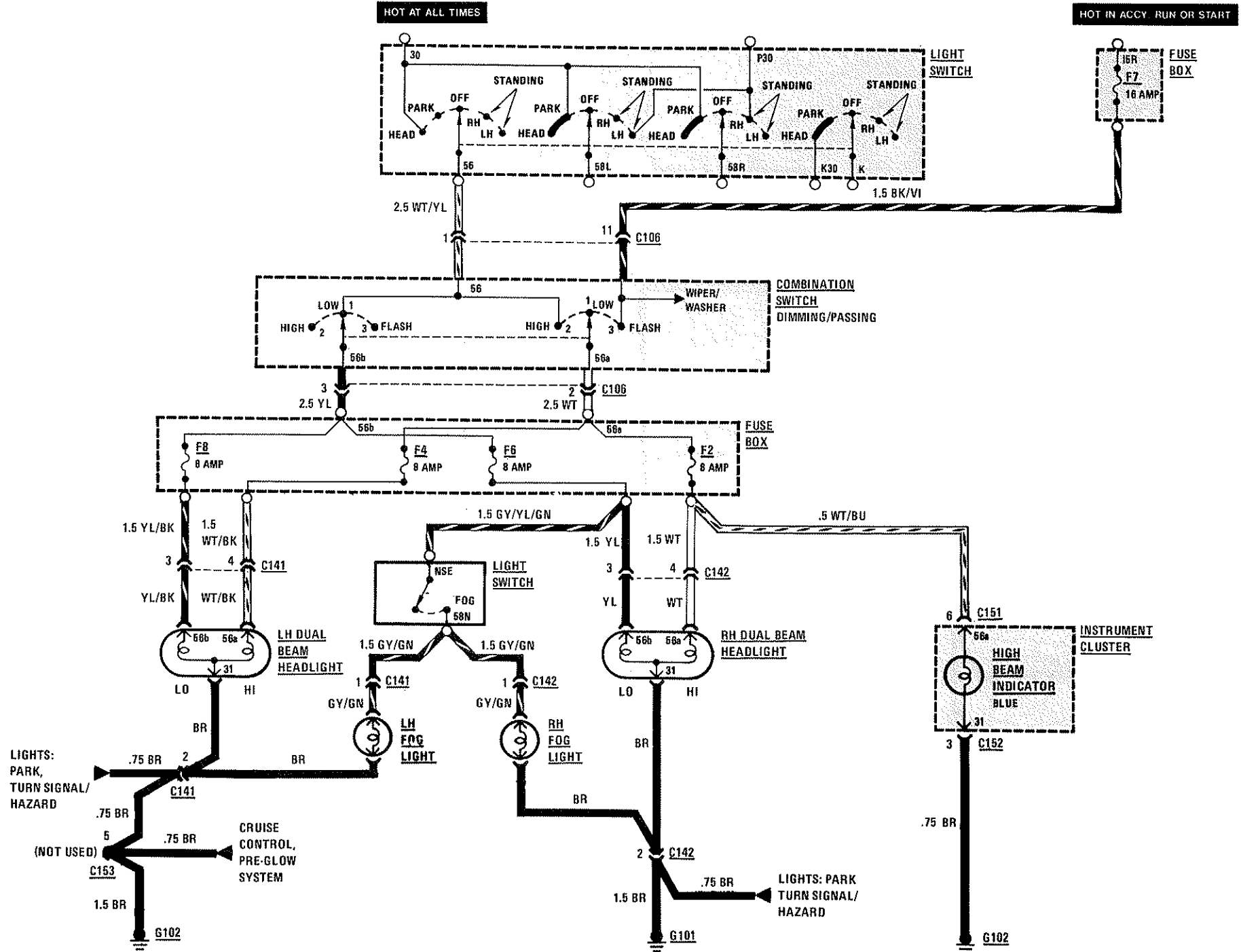
TRANSMISSION KICKDOWN/BACKUP LIGHTS/ENGINE OVERLOAD PROTECTION

(For Component Locations See Page 202)



HEADLIGHTS/FOG LIGHTS

(For Component Locations See Page 203)



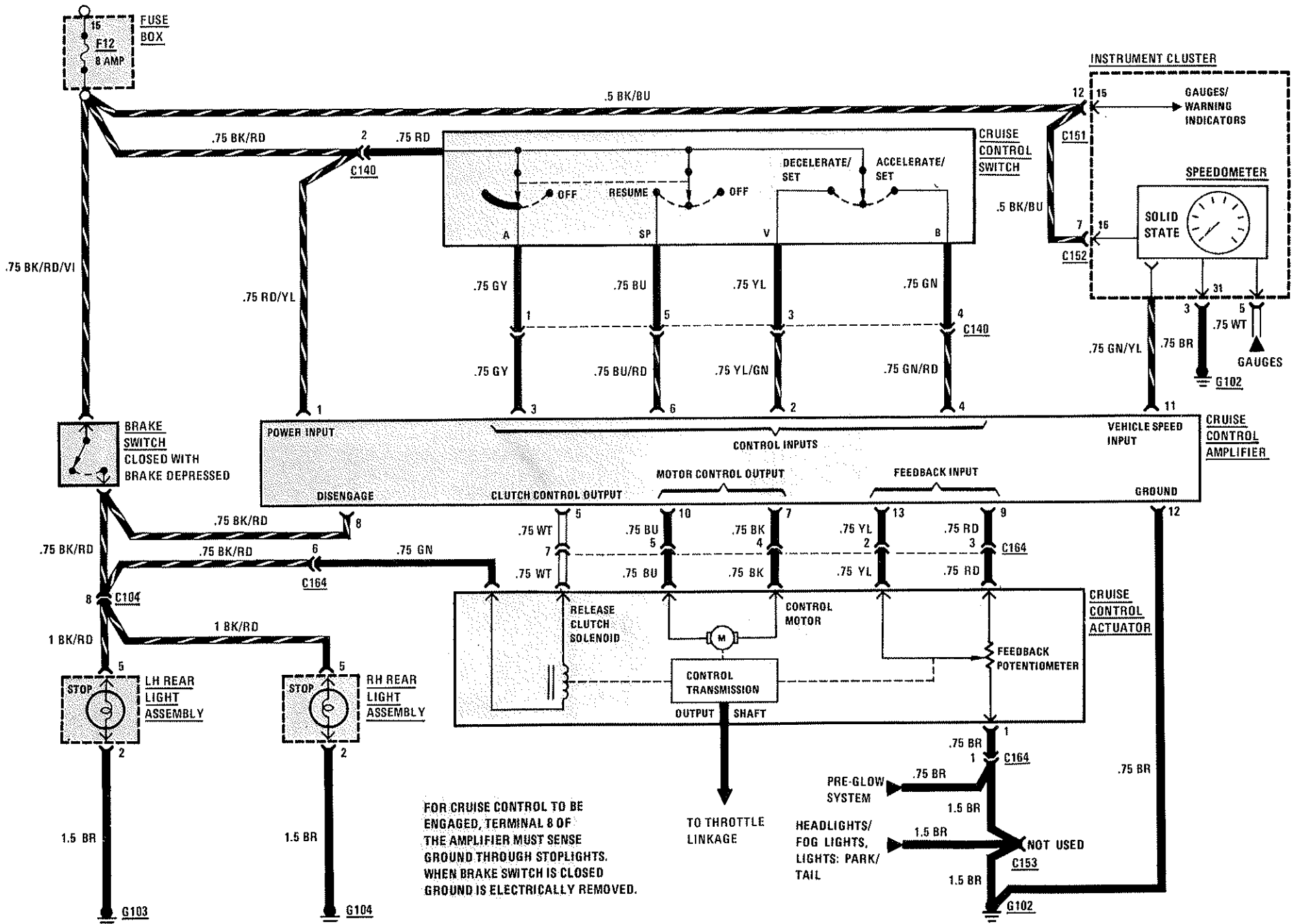
110

300
SD
TURBO

STOPLIGHTS/CRUISE CONTROL

(For Component Locations See Page 207)

HOT IN RUN OR START



FOR CRUISE CONTROL TO BE ENGAGED, TERMINAL 8 OF THE AMPLIFIER MUST SENSE GROUND THROUGH STOPLIGHTS. WHEN BRAKE SWITCH IS CLOSED GROUND IS ELECTRICALLY REMOVED.

TO THROTTLE LINKAGE

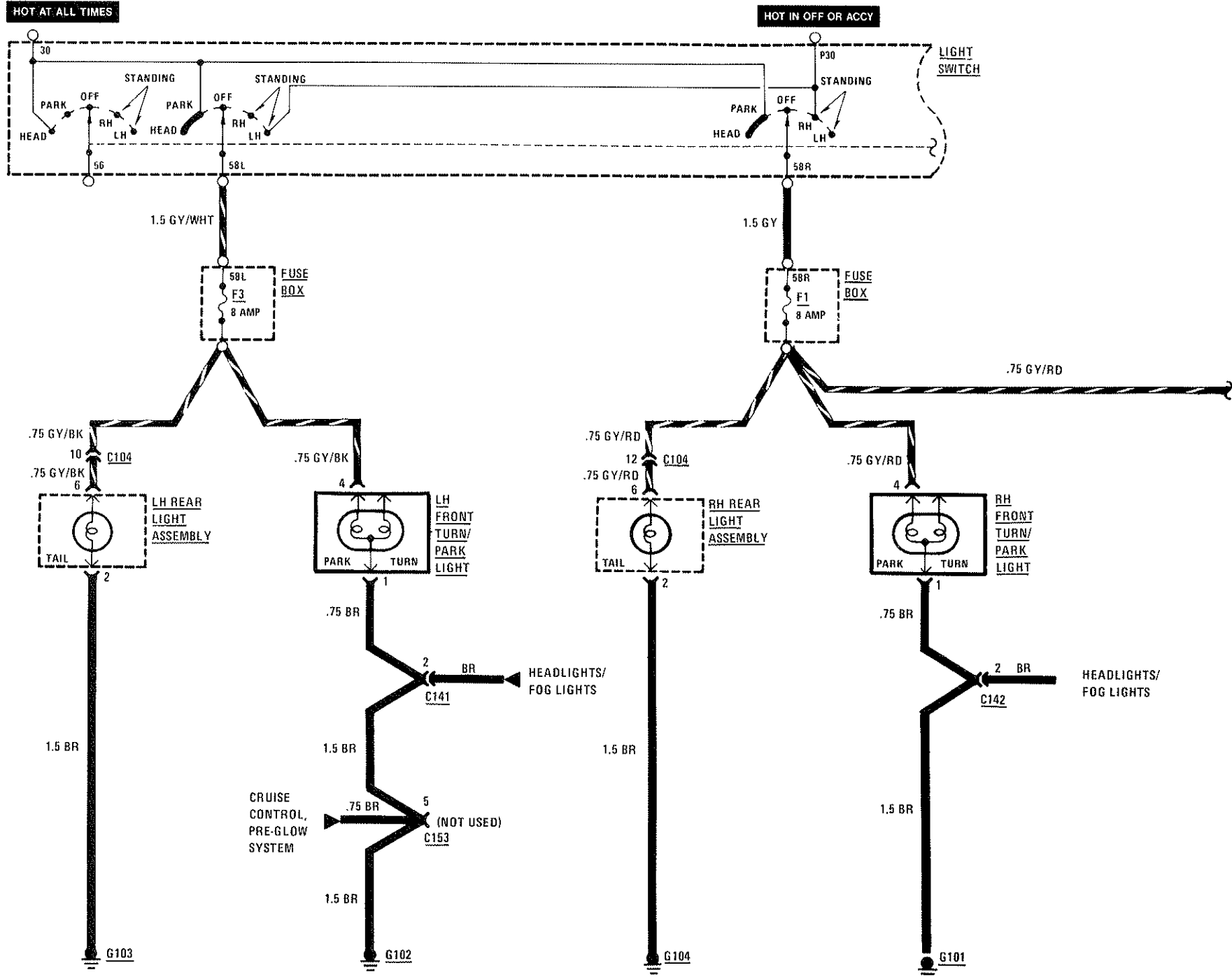
PRE-GLOW SYSTEM
HEADLIGHTS/ FOG LIGHTS, LIGHTS: PARK/ TAIL

NOT USED

111
300 SD TURBO

LIGHTS: PARK/TAIL

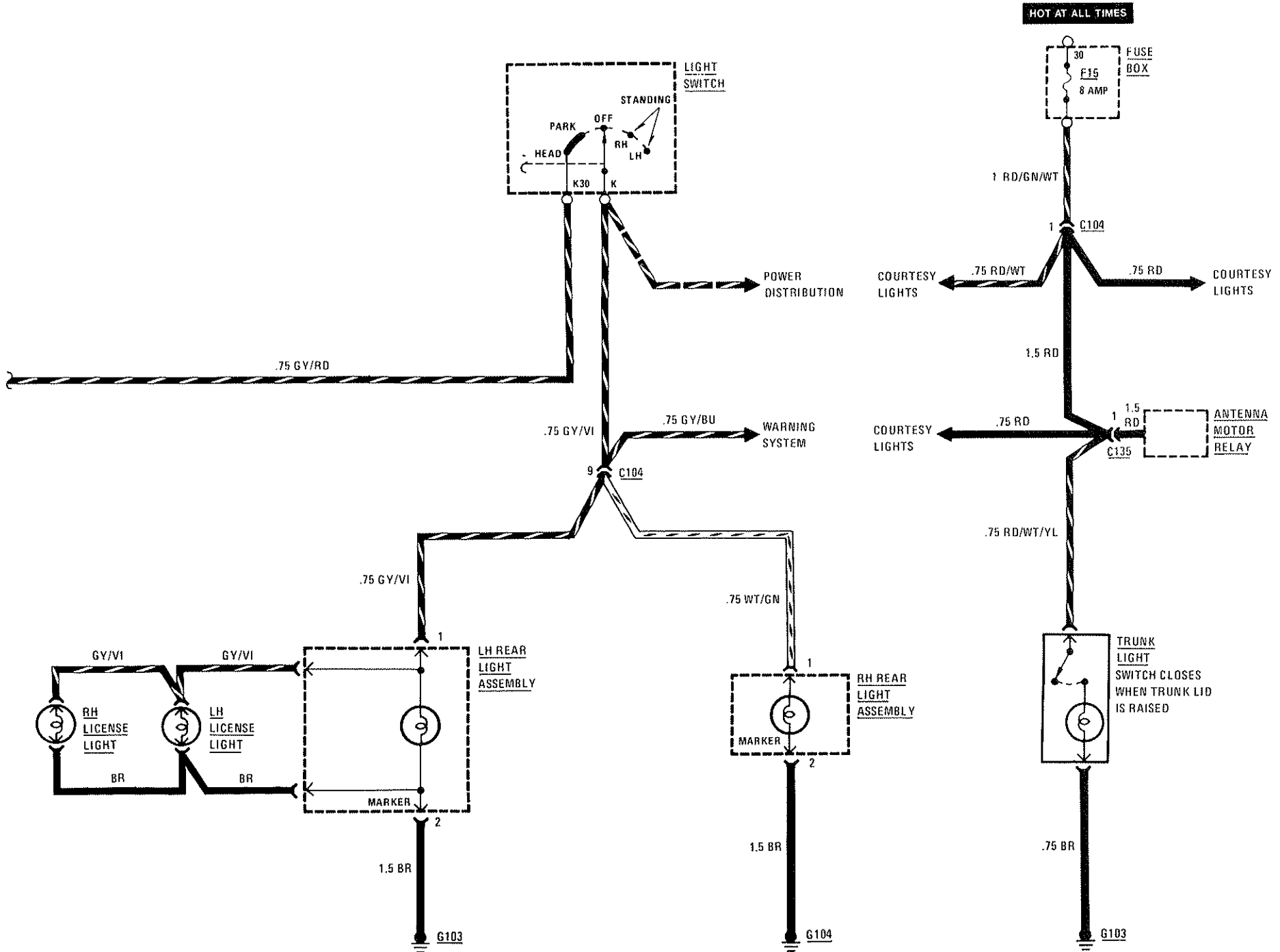
(For Component Locations See Page 204)



112
300
SB
TURBO

LIGHTS: MARKER/LICENSE/TRUNK

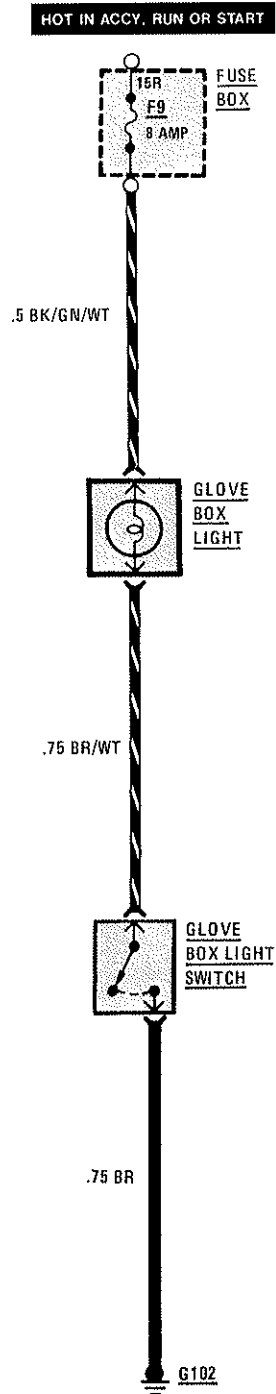
(For Component Locations See Page 204)



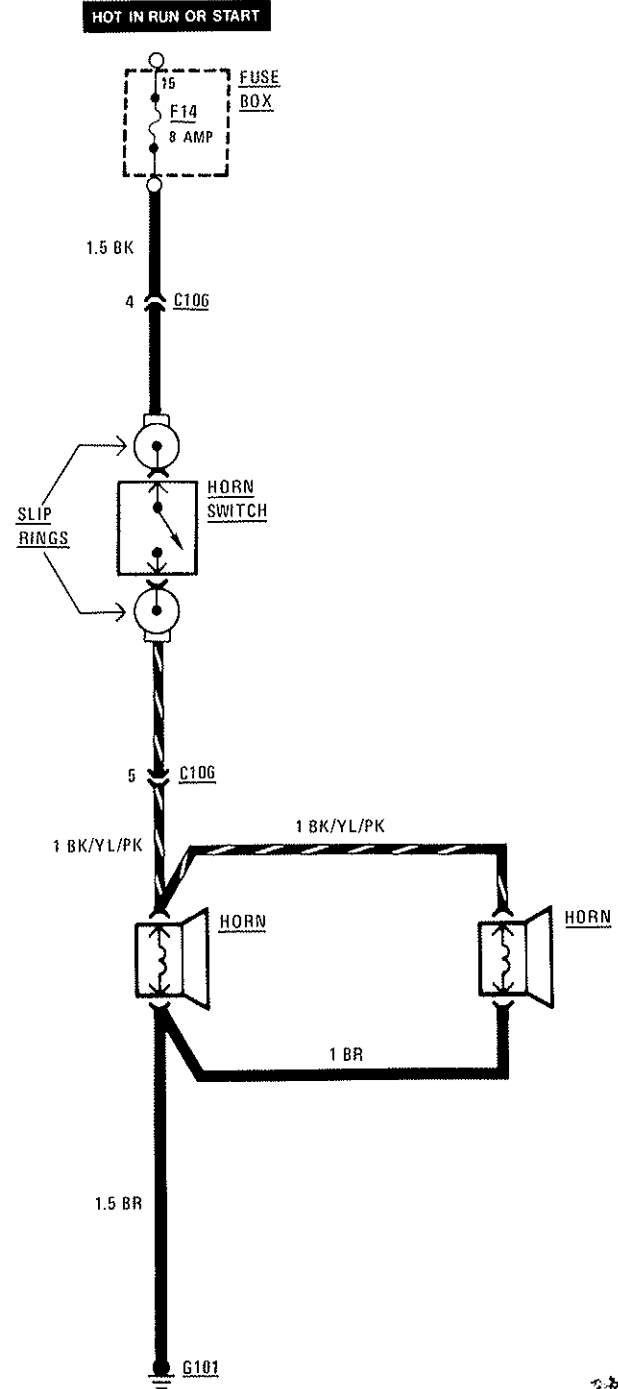
113
300
SD
TURBO

GLOVE BOX LIGHT

(For Component Locations See Page 203)



HORNS

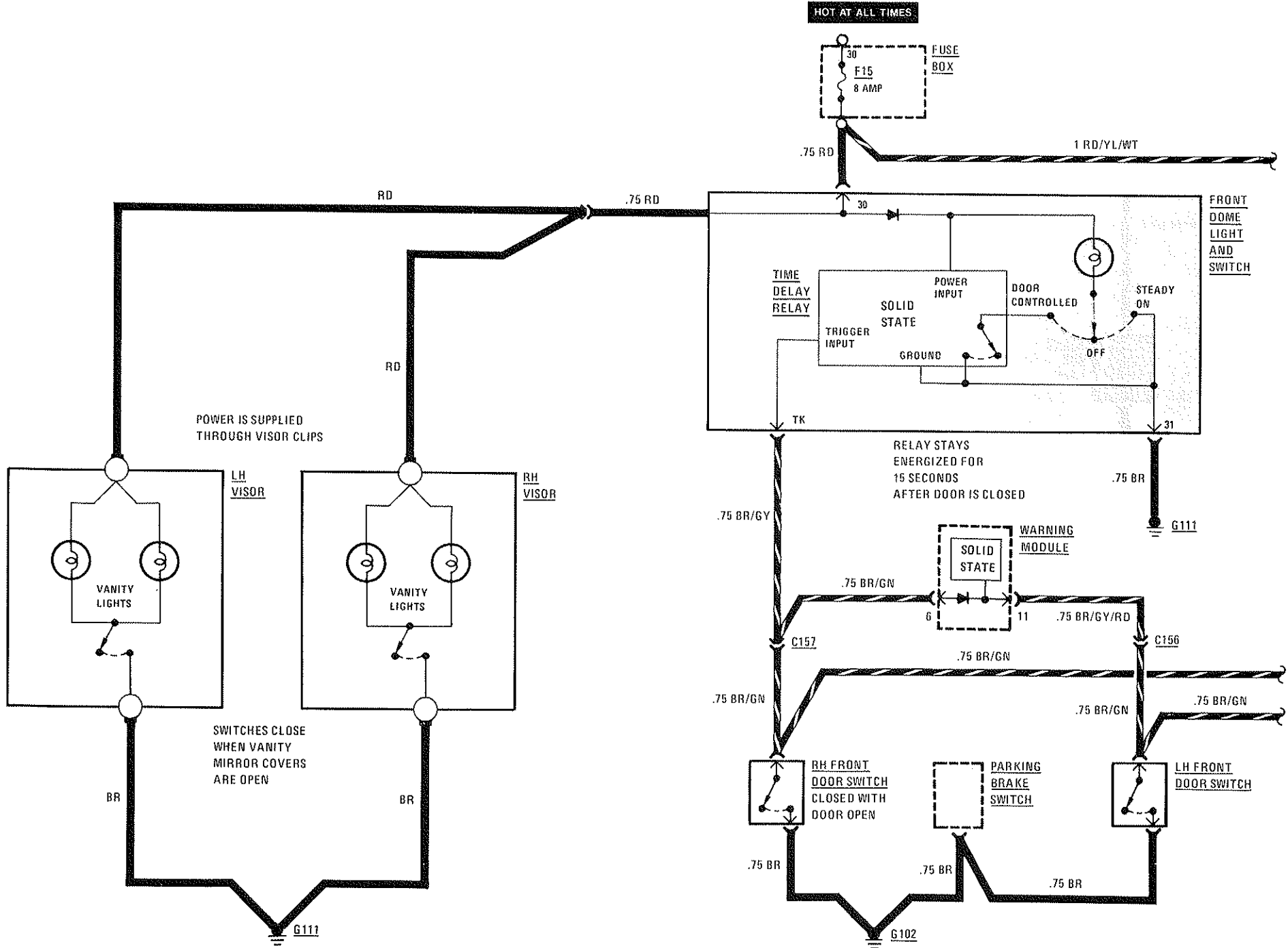


115
300
SD
TURBO

COURTESY LIGHTS

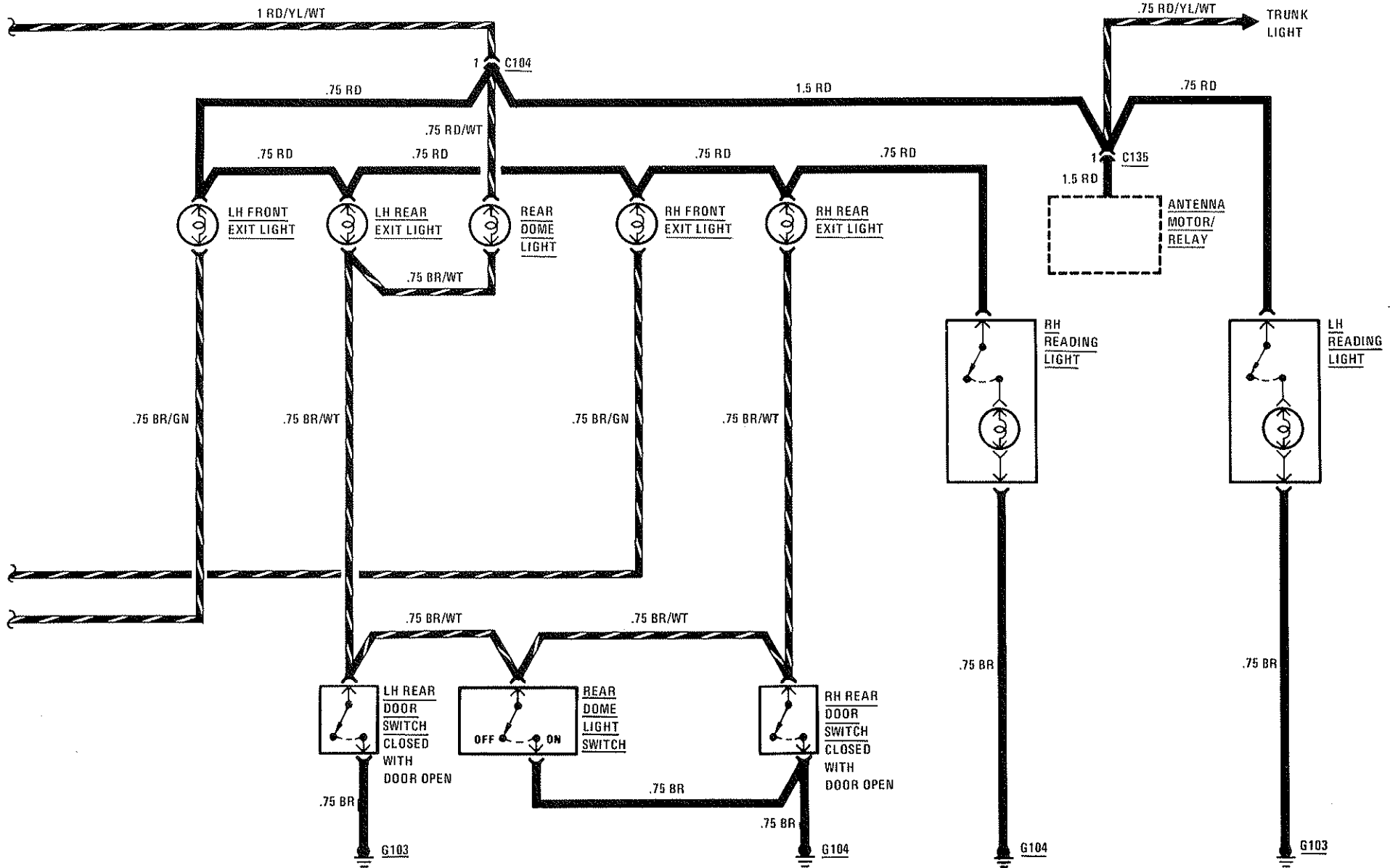
(For Component Locations See Page 203)

116
300
SD
TURBO



COURTESY LIGHTS

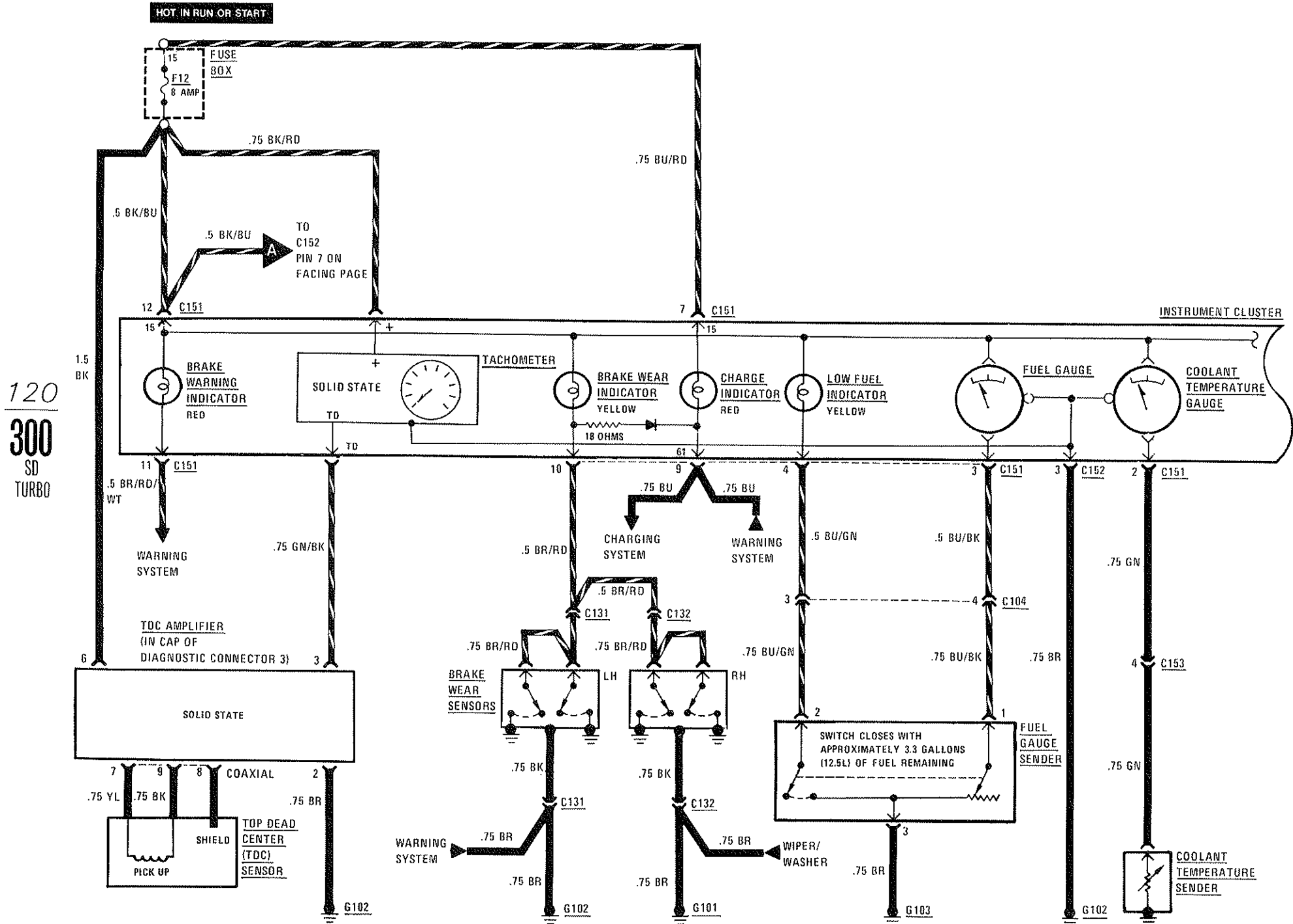
(For Component Locations See Page 203)



117
300
SD
TURBO

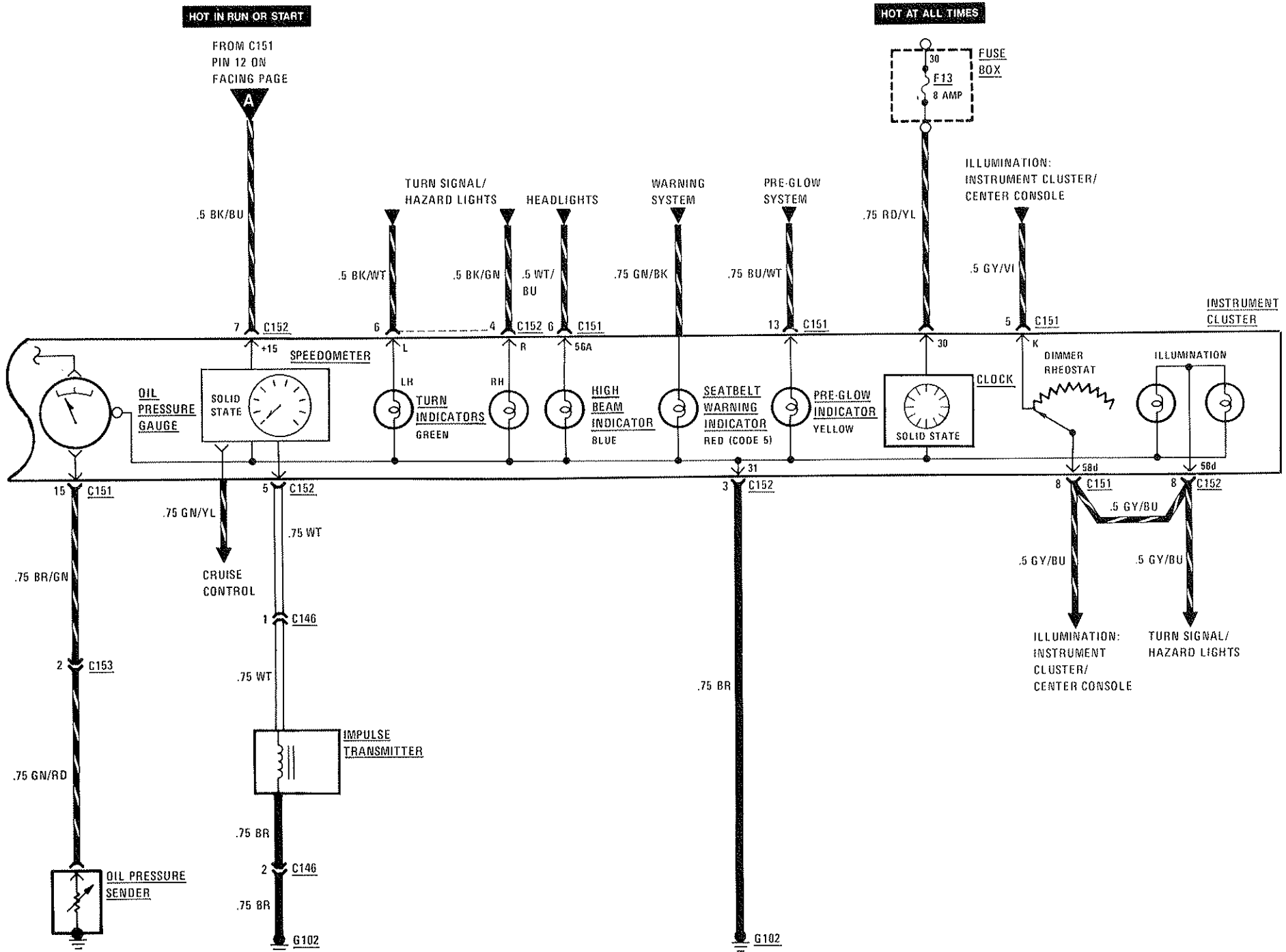
WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 208)



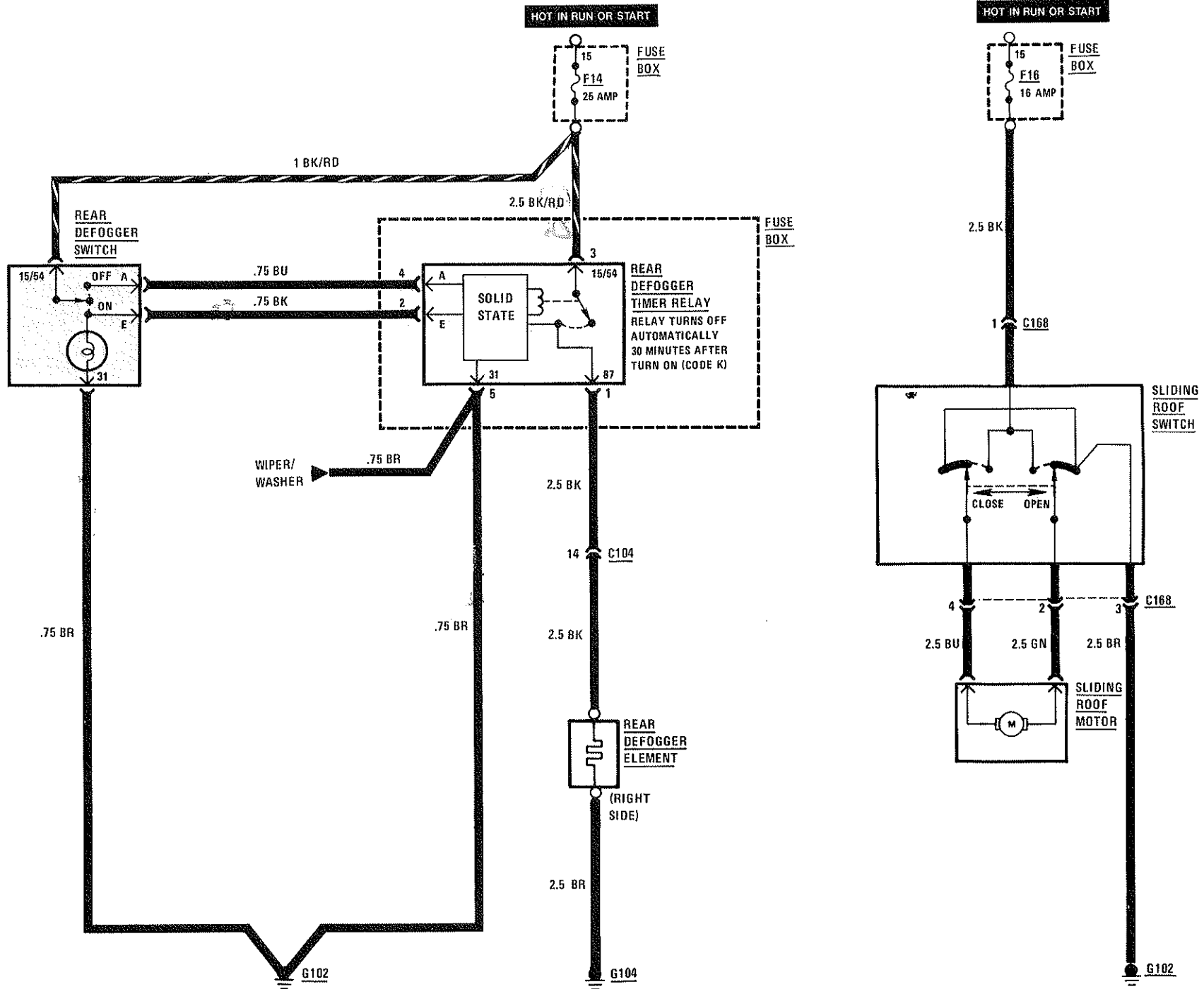
WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 208)



REAR DEFOGGER / SLIDING ROOF

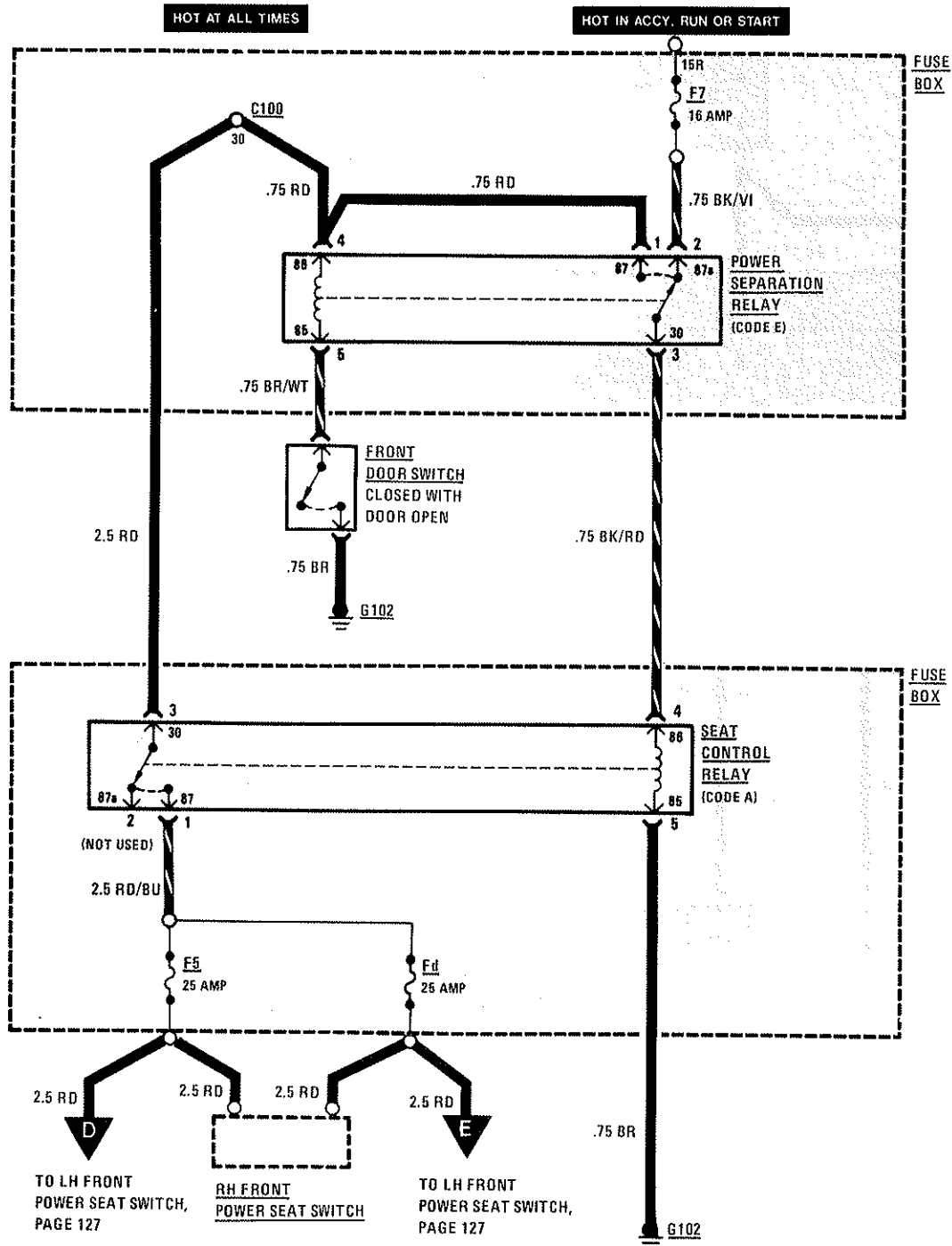
(For Component Locations See Page 206)



125
300
SD
TURBO

POWER SEATS

(For Component Locations See Page 205)

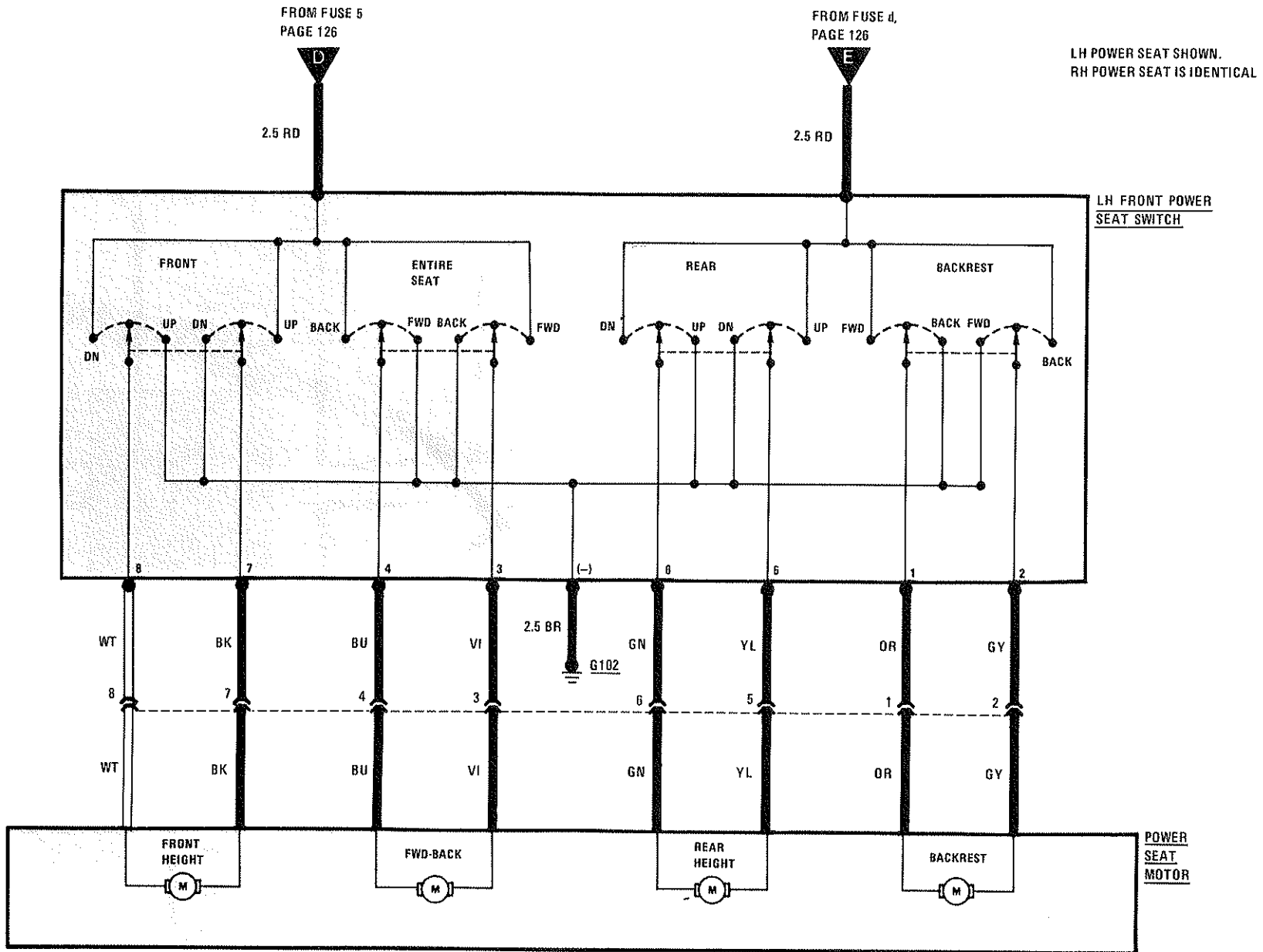


126

300
SD
TURBO

POWER SEATS

(For Component Locations See Page 205)

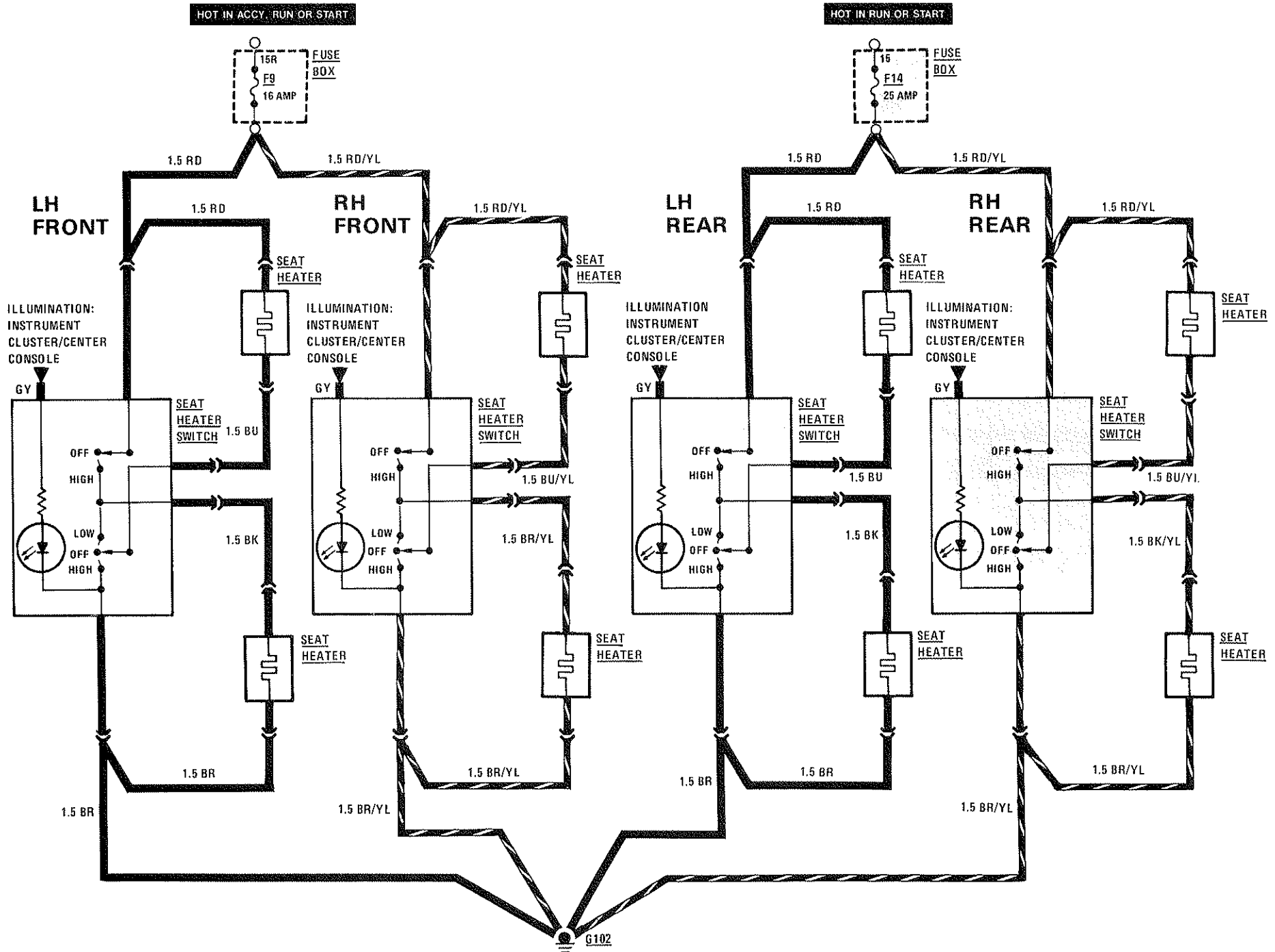


127
300
SD
TURBO

HEATED SEATS

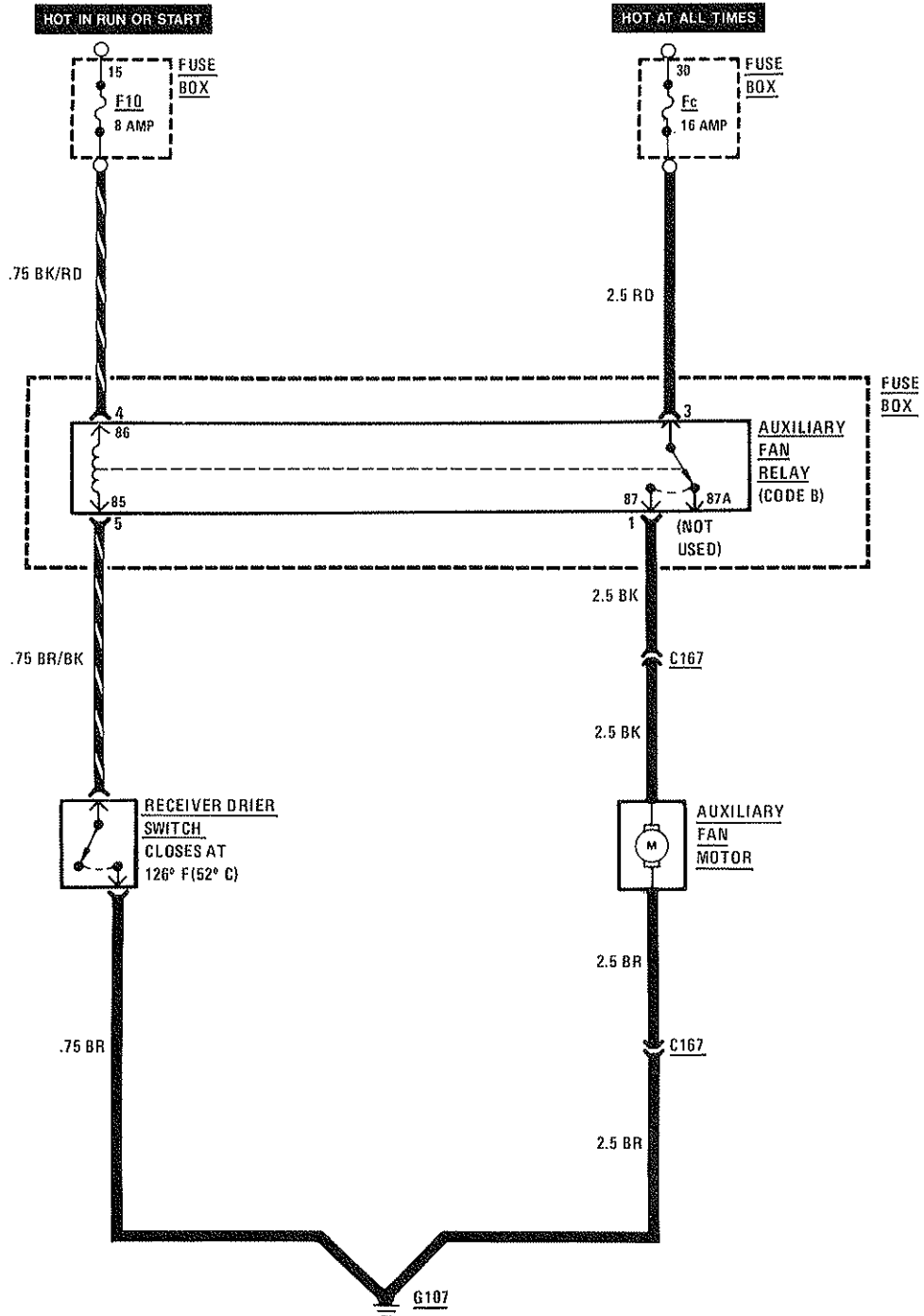
(For Component Locations See Page 204)

128
300
SD
TURBO



AUXILIARY FAN

(For Component Locations See Page 201)



129
300
SD
TURBO

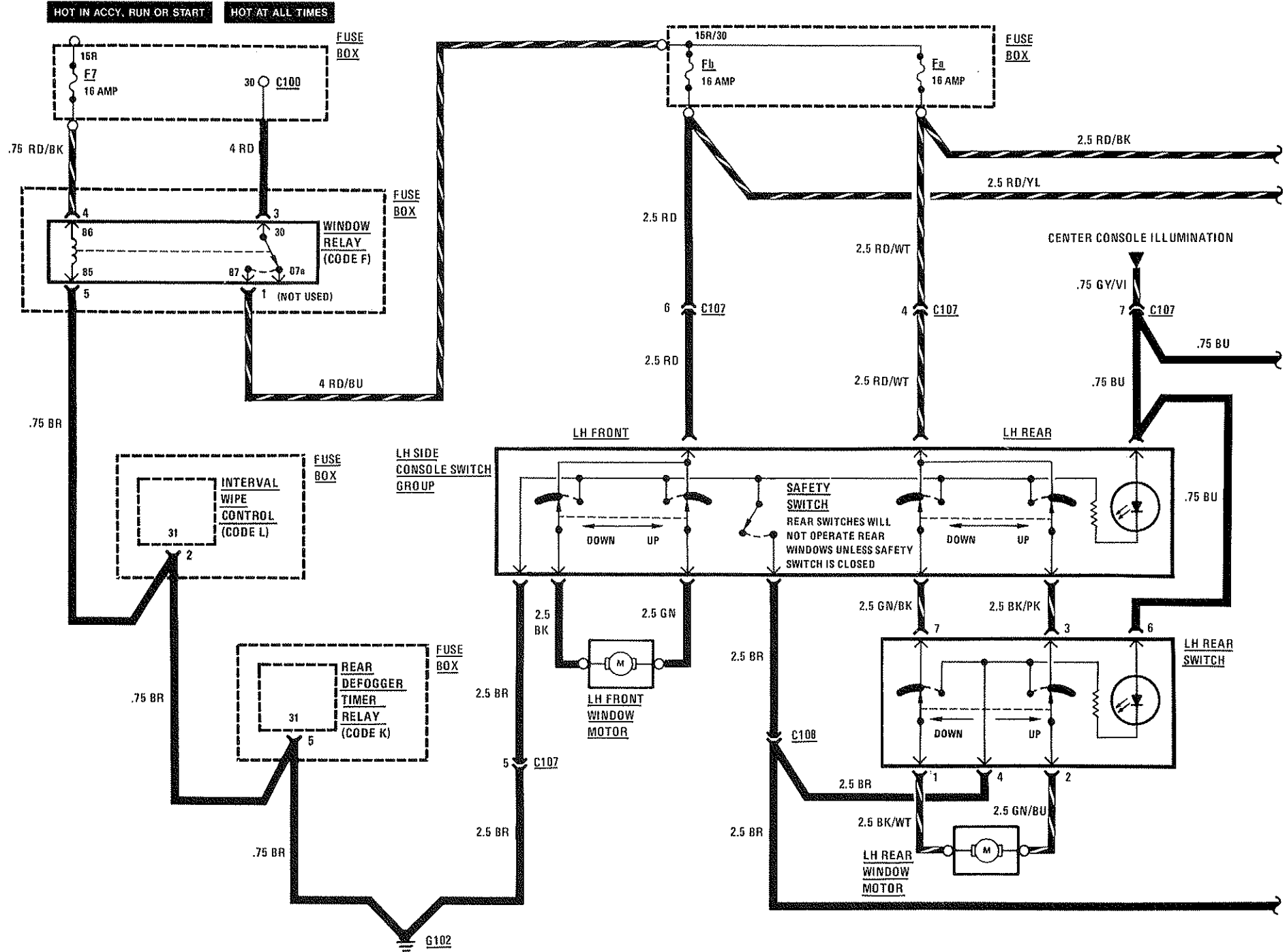
POWER WINDOWS

(For Component Locations See Page 205)

130

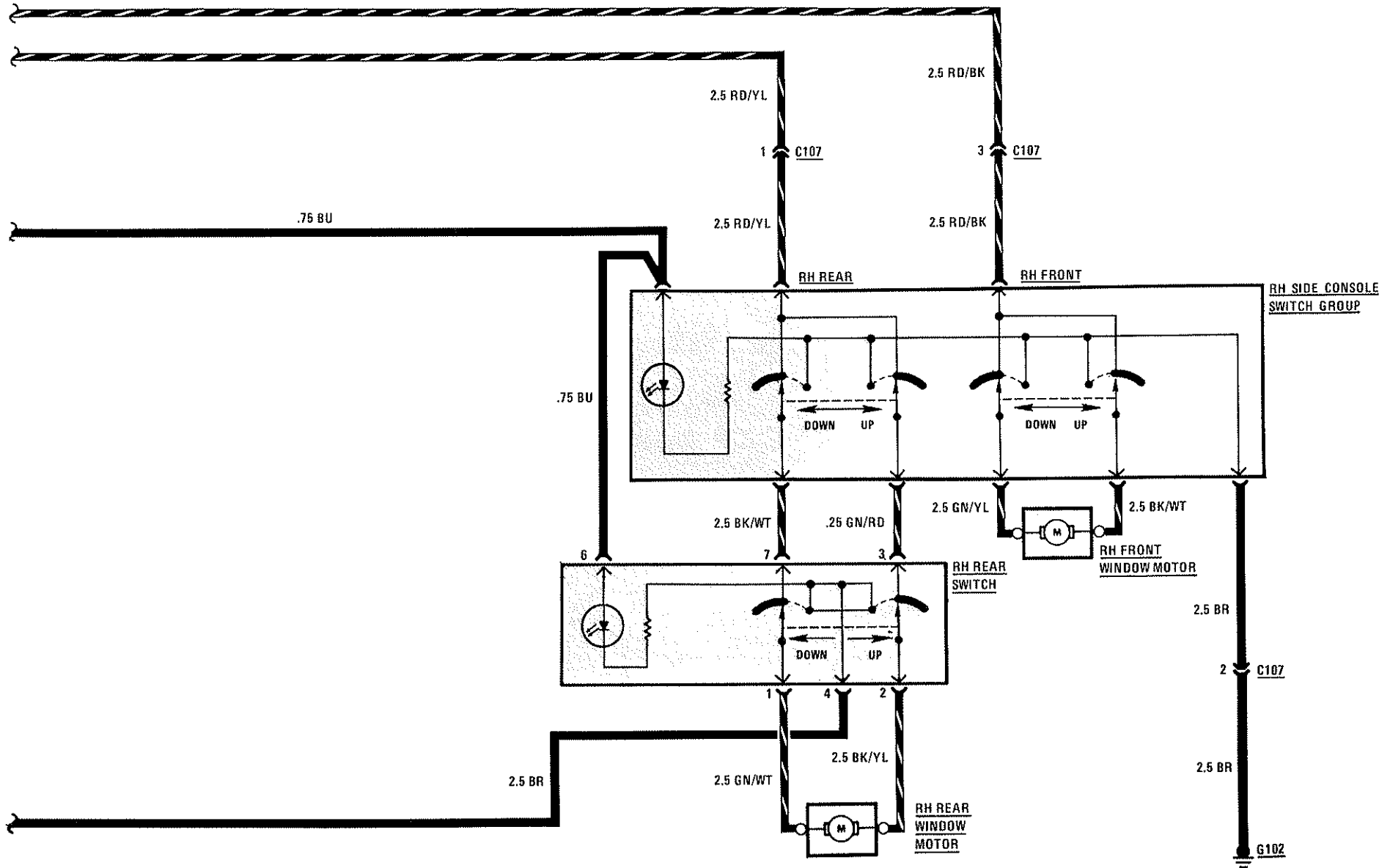
300

SD
TURBO



POWER WINDOWS

(For Component Locations See Page 205)



131
300
SD
TURBO

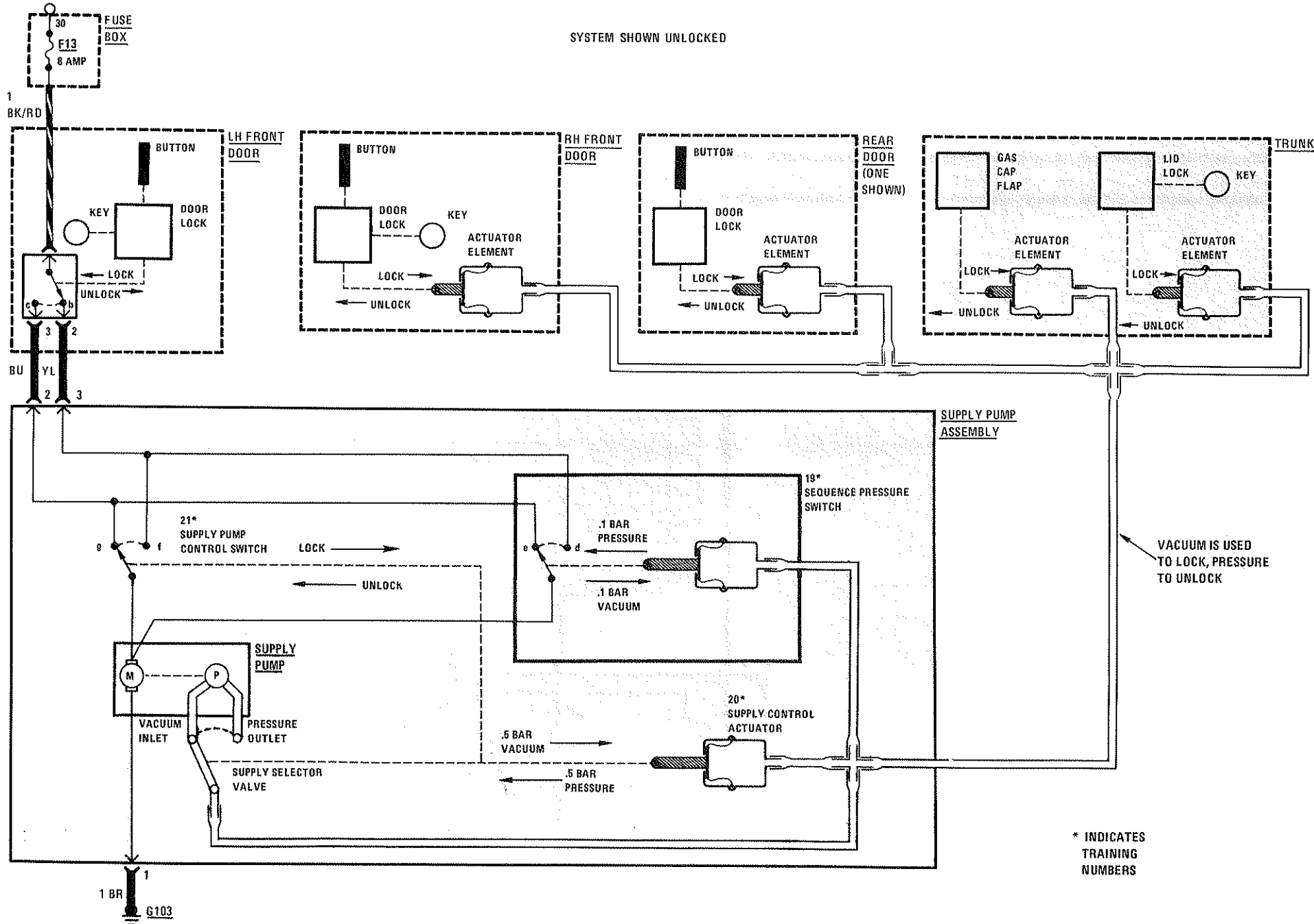
CENTRAL LOCKING SYSTEM

(For Component Locations See Page 202)

HOT AT ALL TIMES

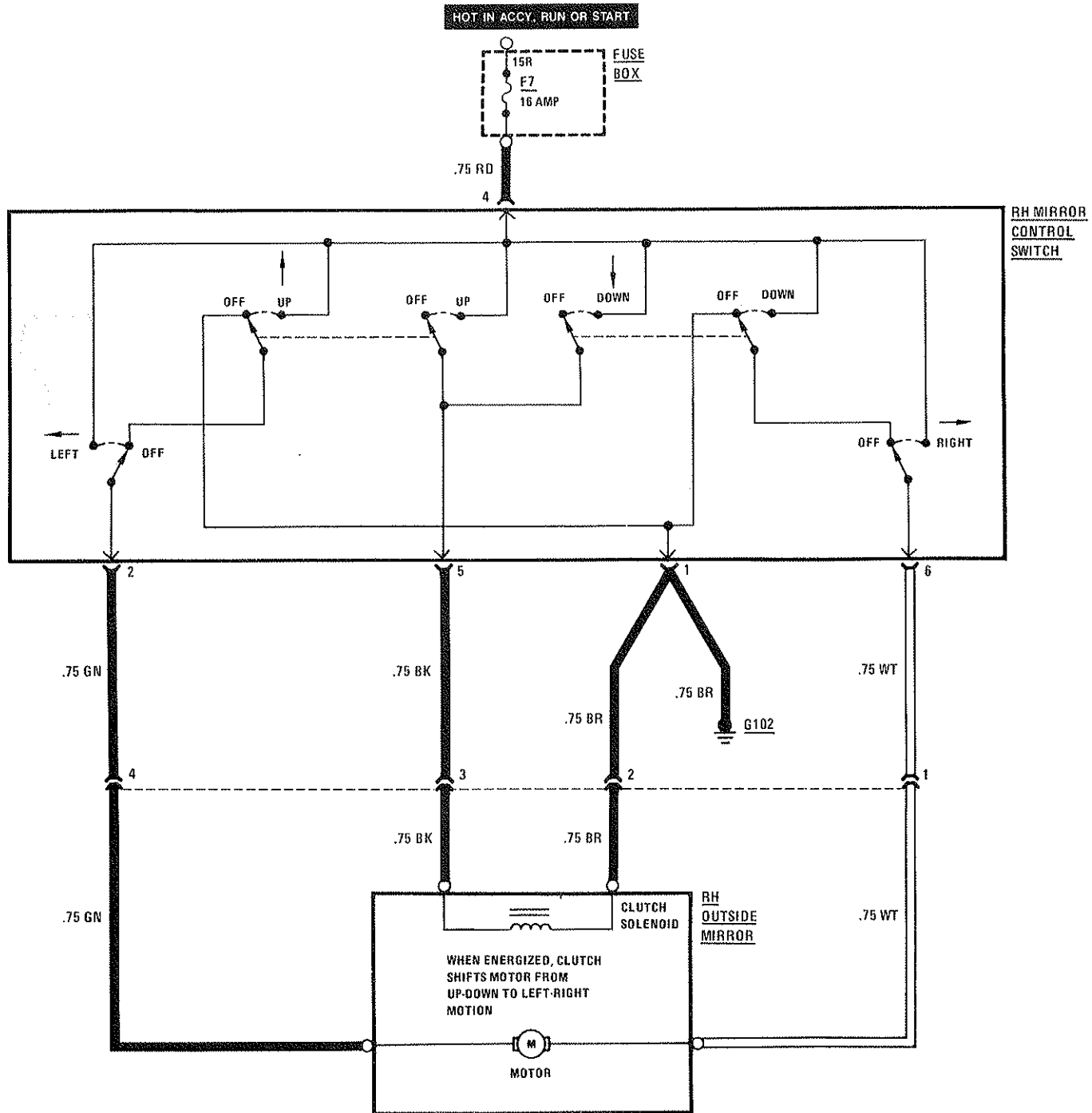
SYSTEM SHOWN UNLOCKED

132
300
SD
TURBO



RH OUTSIDE MIRROR

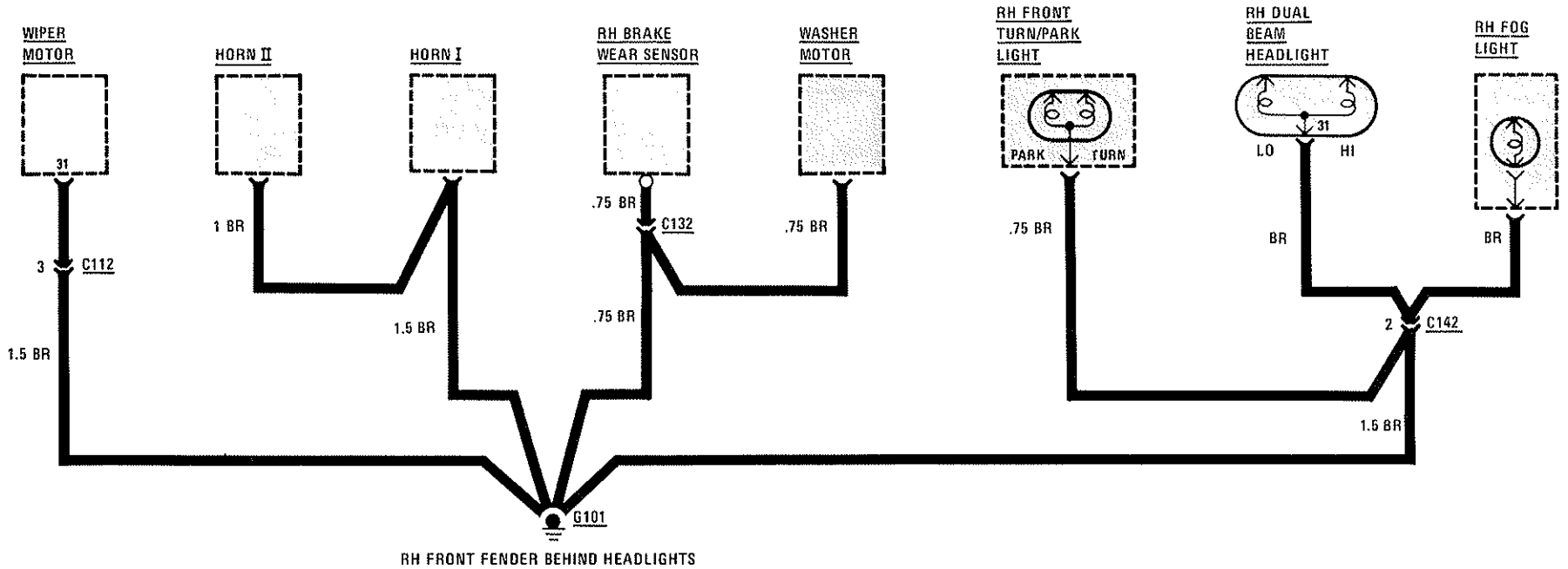
(For Component Locations See Page 206)



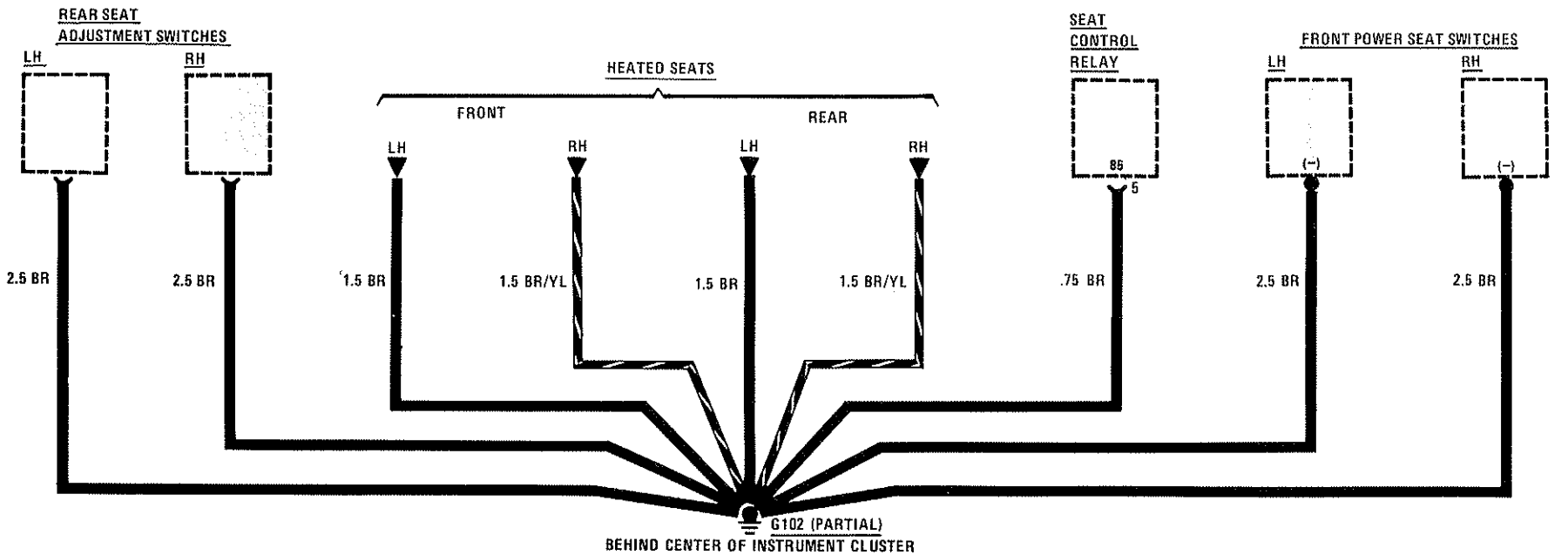
133

300
SD

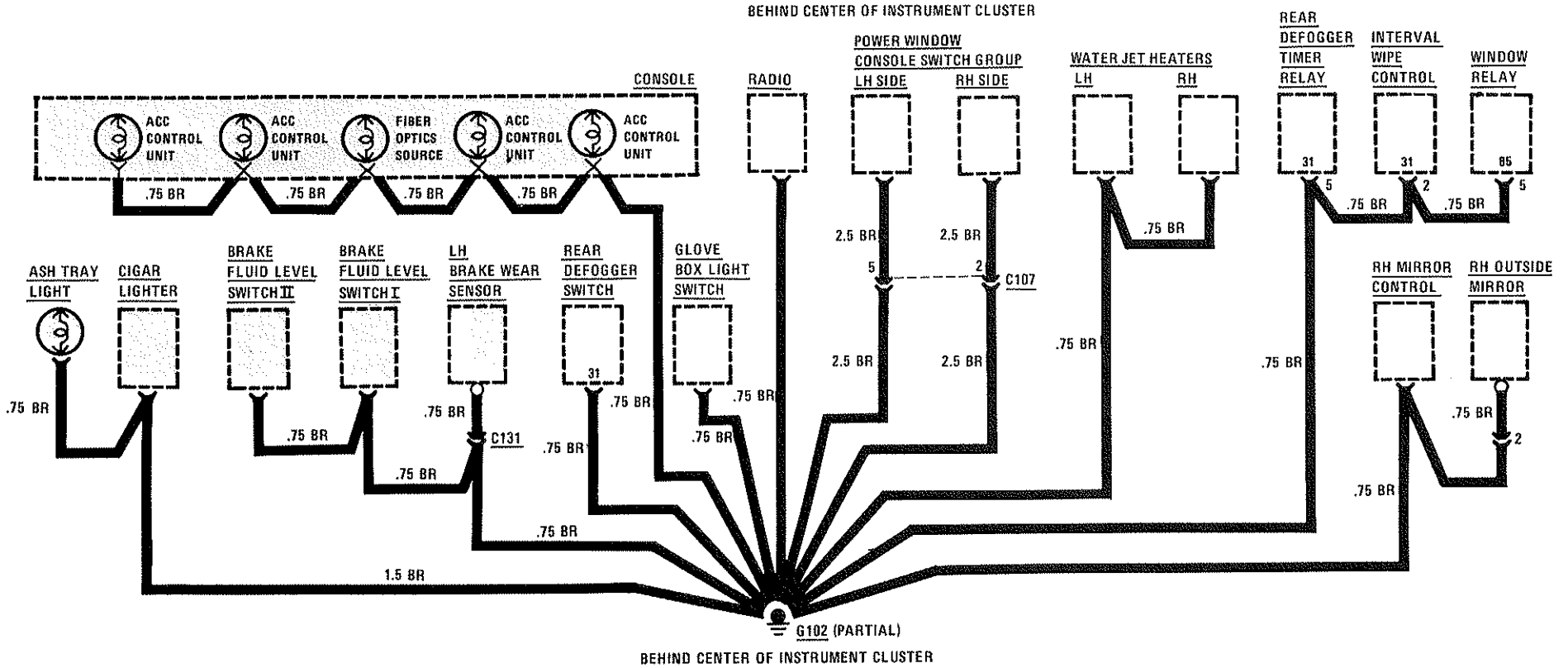
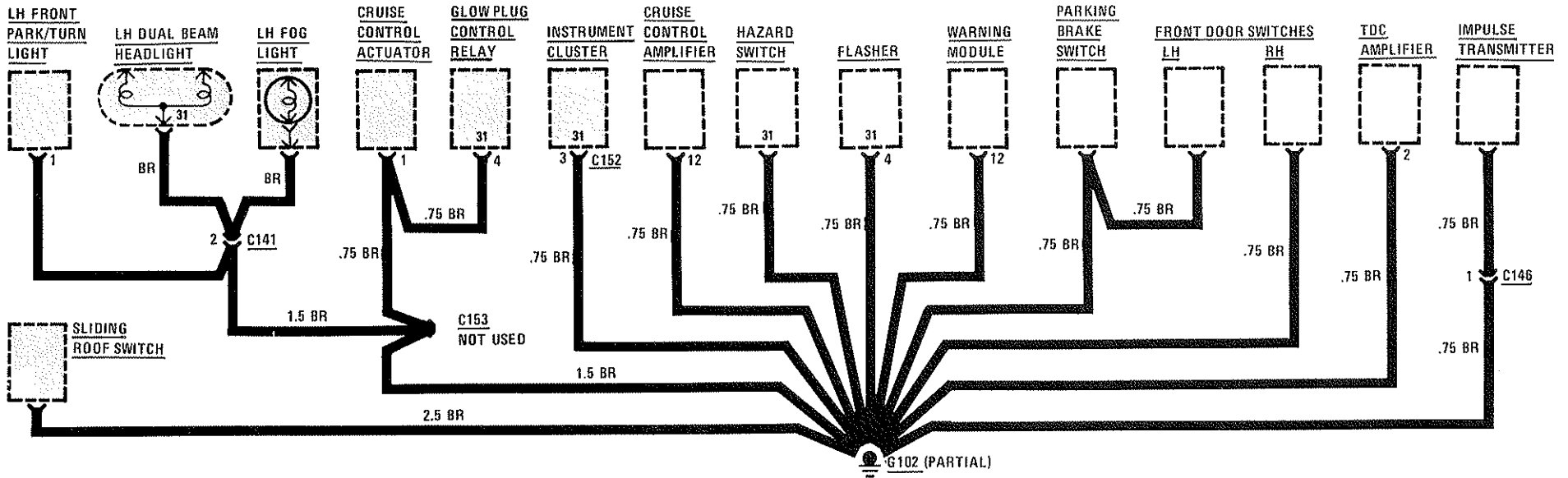
GROUND DISTRIBUTION



134
300
SD
TURBO

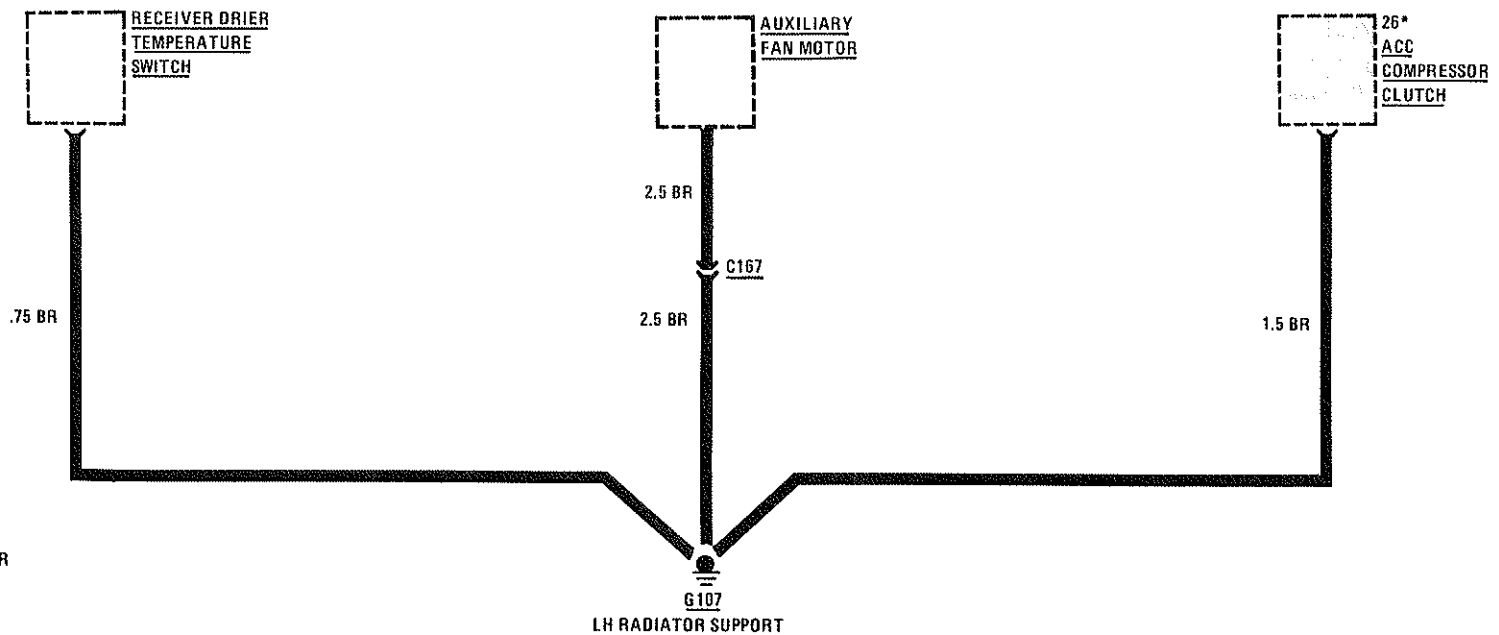
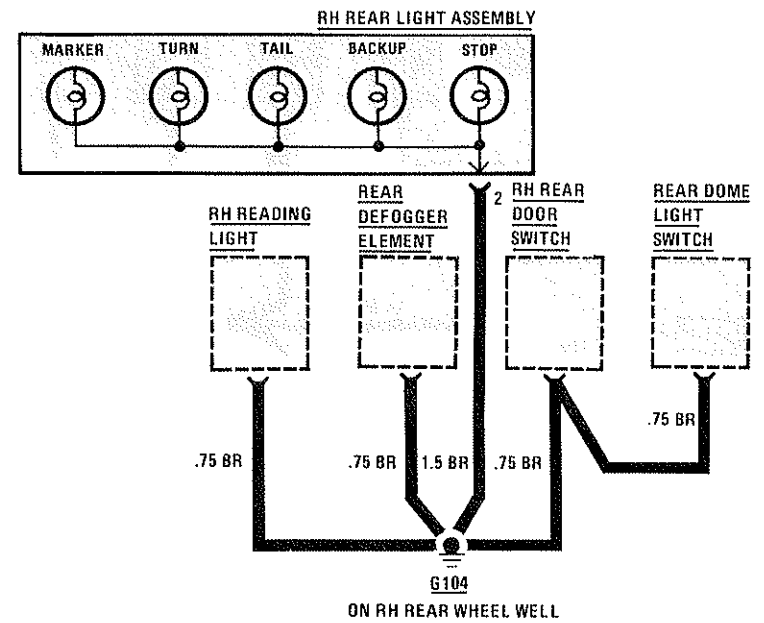
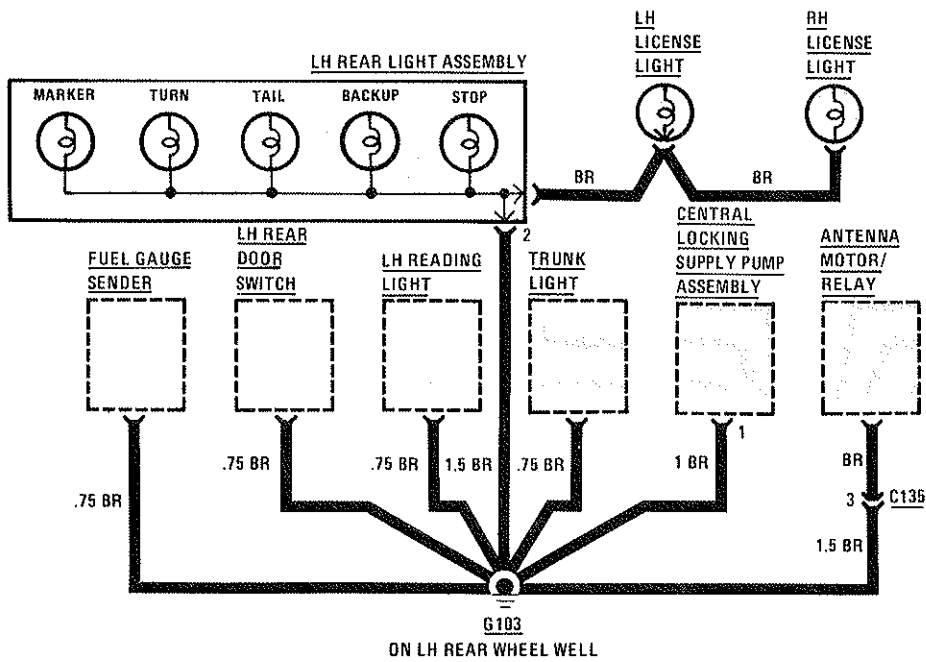


GROUND DISTRIBUTION



135
300
SD
TURBO

GROUND DISTRIBUTION



* INDICATES TRAINING NUMBER

136
300
SD
TURBO

COMPONENT LOCATIONS

AUXILIARY FAN

Page-Figure

Auxiliary Fan Motor	Front of radiator	
Fuse Box	LH rear corner of engine compartment ..	100-1, 207-2
Receiver Drier Temperature Switch	Behind LH headlights	210-2
C167 (2 pins)	LH radiator support	206-1
G107	LH radiator support	201-3

(Component Locations continued on the next page.)

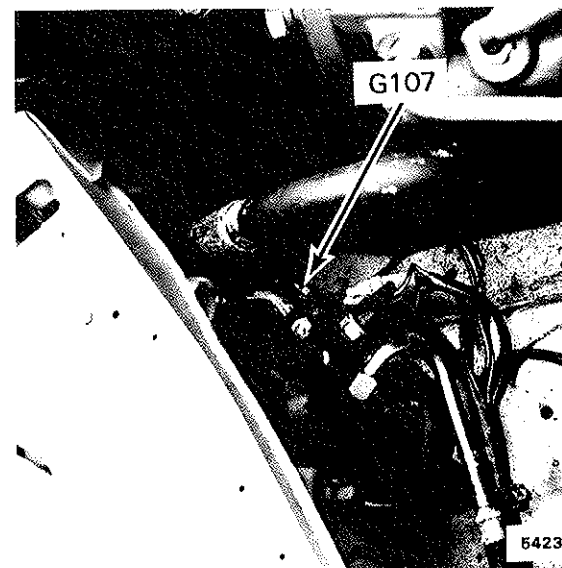


Figure 3 - Behind LH Headlights

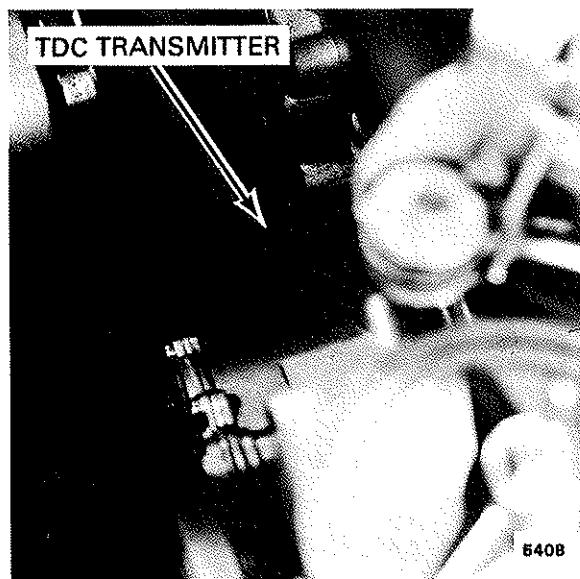


Figure 1 - Front of Engine

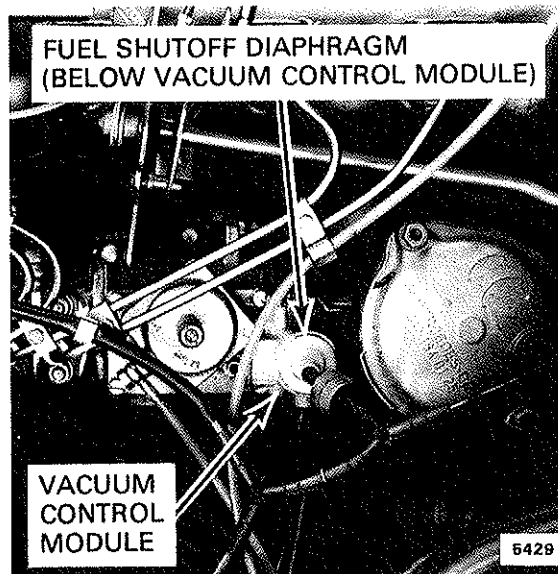


Figure 2 - Top of Fuel Injection Pump

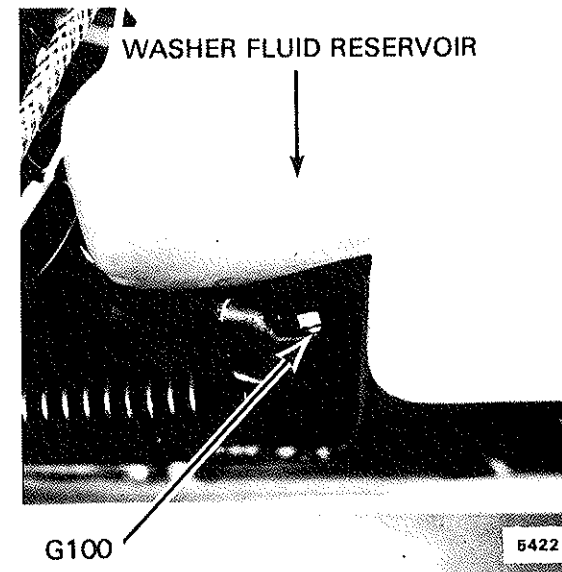


Figure 4 - Rear RH Side of Engine Compartment

COMPONENT LOCATIONS

BACKUP LIGHTS/TRANSMISSION KICKDOWN/ ENGINE OVERLOAD PROTECTION

Page-Figure

Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Intake Manifold Pressure Switch	Top rear of intake manifold	
Kickdown Solenoid	RH rear of transmission	203-1
Kickdown Switch	Under accelerator pedal	208-1
Overload Relief Valve	Front LH side of engine compartment divider .	202-2
Starter Lockout/Backup Light Switch	LH side of transmission	202-1
C104 (14 pins)	LH side of driver's footwell	208-1
C146 (6 pins)	RH side of driver's footwell	208-1
C153 (6 pins)	On diagnostic plug bracket	210-4
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

CENTRAL LOCKING SYSTEM

Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Supply Pump Assembly	In spare tire well	209-2
G103	LH rear wheel well	209-1

CHARGING SYSTEM

Alternator	Front of engine	
Battery	RH rear corner of engine compartment	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Starter Assembly	Lower RH rear of engine	
C105 (4 terminals)	RH front wheel well	204-1
G100	RH rear corner of engine compartment.....	201-4

CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

Antenna Switch	Upper console	
Antenna Motor/Relay	LH rear wheel well	209-1
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C135 (6 pins)	Above LH rear wheel well	209-1
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1

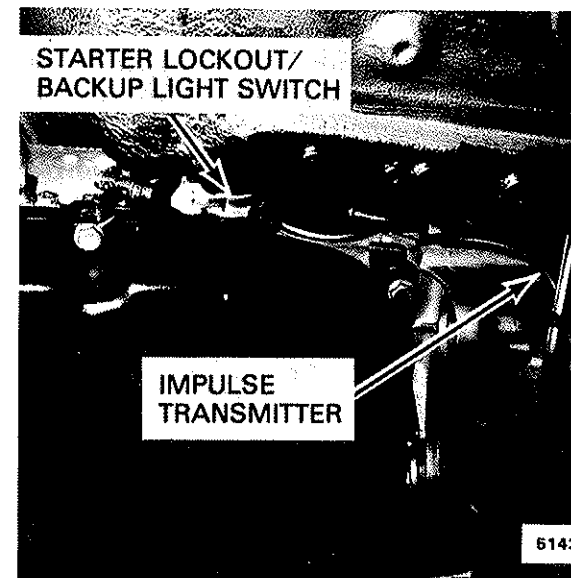


Figure 1 - LH Side of Transmission

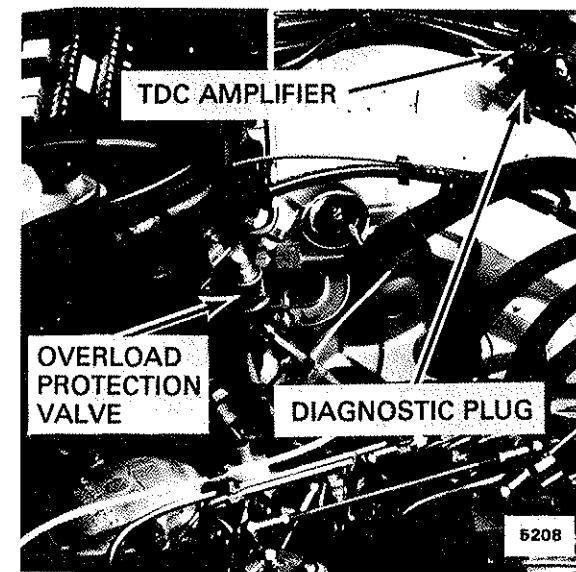


Figure 2 - LH Side of Engine Compartment

202

300
SD
TURBO

COMPONENT LOCATIONS

COURTESY LIGHTS

Page-Figure

Door Switches	In each door jamb	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Parking Brake Switch	On parking brake support	
Warning Module	LH side of driver's footwell	207-1
C104 (14 pins)	LH side of driver's footwell	208-1
C135 (6 pins).....	Above LH rear wheel well	209-1
C156 (1 pin).....	Behind LH front door jamb switch	
C157 (1 pin).....	Behind LH front door jamb switch	
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2
G111	Windshield Header	

GLOVE BOX LIGHT/HORNS

Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Horn Switch	In steering wheel	
Slip Rings	Behind center of steering wheel	
C106 (14 pins)	Driver's footwell, next to steering column.....	207-1
G101	Behind RH headlights	210-5
G102	Behind instrument cluster	206-2

HEADLIGHTS/FOG LIGHTS

Combination Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
C106 (14 pins)	LH side of driver's footwell	207-1
C141 (4 pins).....	Behind LH headlights	210-2
C142 (4 pins).....	Behind RH headlights	
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins).....	Rear of instrument cluster	206-2
C153 (6 pins).....	On diagnostic plug bracket	210-4
G101	Behind RH headlights	210-5
G102	Behind instrument cluster	206-2

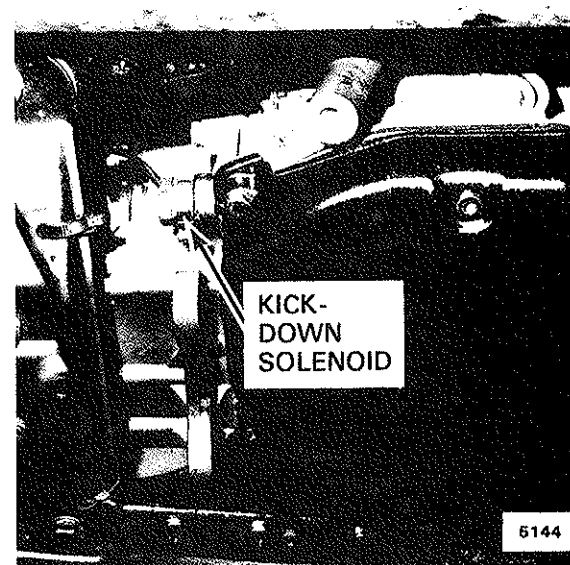


Figure 1 - Rear RH Side of Transmission

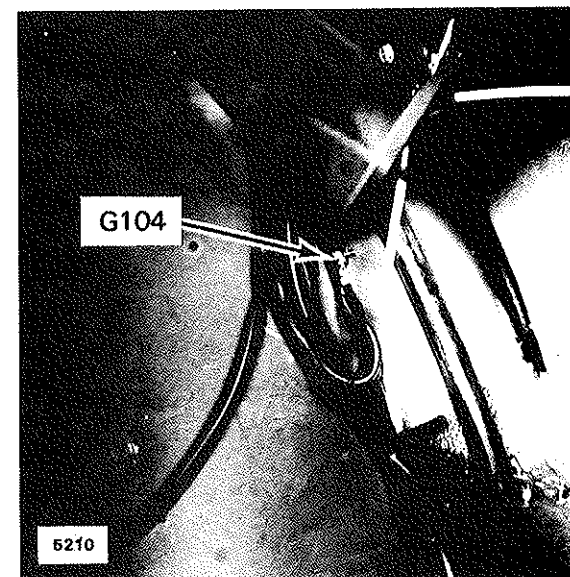


Figure 2 - RH Rear Wheel Well

203
300
SD
TURBO

COMPONENT LOCATIONS

HEATED SEATS

		Page-Figure
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Seat Heaters	In each seat cushion	
Seat Heater Switches	On center console	
G102	Behind instrument cluster	206-2

ILLUMINATION: INSTRUMENT CLUSTER/ CENTER CONSOLE

Fuse Box	LH rear corner of engine compartment..	100-1, 207-2
Hazard Switch	In center console forward of shift lever	
C107 (6 pins)	Under center console	
C108 (2 pins)	Under center console	
C124 (1 terminal)	Behind top of center console	
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins)	Rear of instrument cluster	206-2
G102	Behind instrument cluster	206-2

204

300
SD
TURBO

LIGHTS: MARKER/LICENSE/TRUNK

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C135 (6 pins)	Above LH rear wheel well	209-1
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

LIGHTS: PARK/TAIL

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C141 (4 pins)	Behind LH headlights	210-2
C142 (4 pins)	Behind RH headlights	
G101	Behind RH headlights	210-5
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

POWER DISTRIBUTION

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Starter Assembly	Lower RH rear of engine	
C104 (14 pins)	LH side of driver's footwell.....	208-1
C105 (4 terminals)	RH front wheel well	204-1
G100	RH rear corner of engine compartment.....	201-4

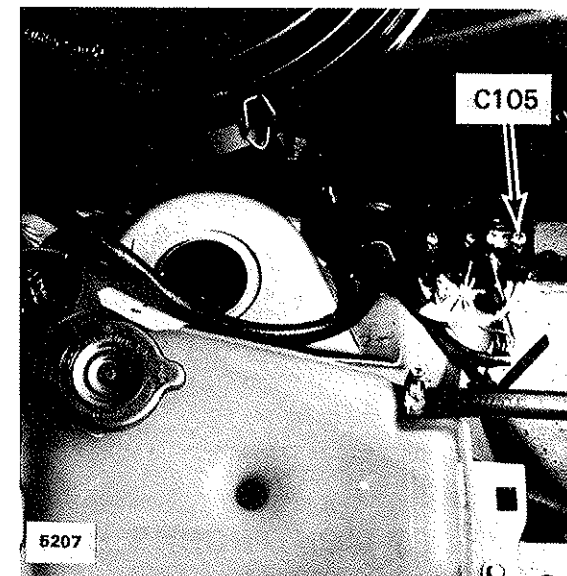


Figure 1 - RH Front Wheel Well

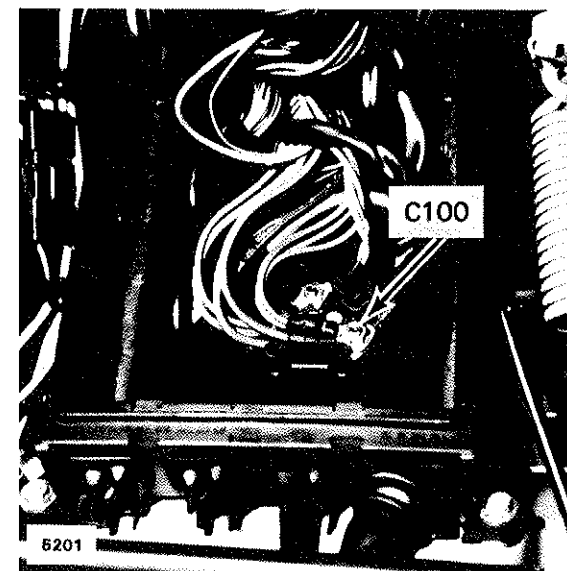


Figure 2 - Under Fuse Box

COMPONENT LOCATIONS

POWER SEATS

		Page-Figure
Front Door Switch	In LH front door jamb	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Power Seat Motors	Under front seats	205-1
Power Seat Switches	In front door panels	
Power Separation Relay	In fuse box	100-1
G102	Behind instrument cluster	206-2

POWER WINDOWS

Console Switch Group	On center console	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Rear Switches	Below each rear window	
Window Motors	Below each window	
C100 (2 terminals)	Under fuse box	204-2
C107 (6 pins).....	Under center console	
C108 (2 pins).....	Under center console	
G102	Behind instrument cluster	206-2

PRE-GLOW SYSTEM

Cruise Control Actuator.....	LH front of engine.....	205-2
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Glow Plug Control Relay.....	LH front wheel well	205-2
Starter Assembly	Lower RH rear of engine	
C100 (2 terminals)	Under fuse box	204-2
C105 (4 terminals)	RH front wheel well	204-1
C130 (4 pins).....	At glow plug control relay	205-2
C137 (6 pins).....	At glow plug control relay	205-2
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins).....	Rear of instrument cluster	206-2
C153 (6 pins).....	On diagnostic plug bracket	210-4
G100	RH rear corner of engine compartment.....	201-4
G102	Behind instrument cluster	206-2

Page-Figure

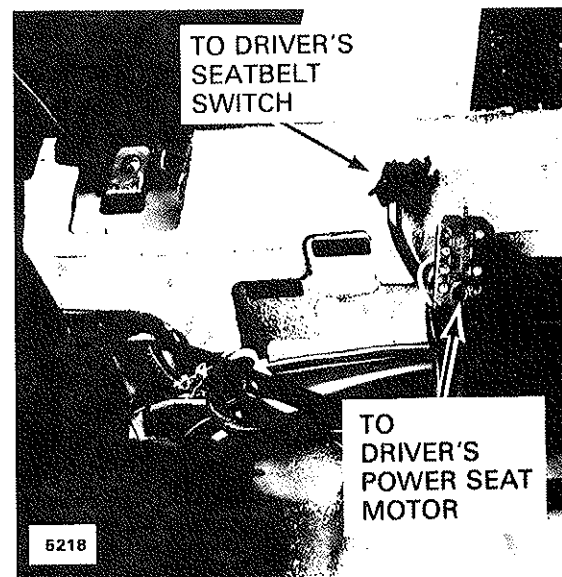


Figure 1 - Under Driver's Seat



Figure 2 - Front LH Side of Engine

205

300
SD
TURBO

COMPONENT LOCATIONS

REAR DEFOGGER/SLIDING ROOF

Page-Figure

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Rear Defogger Switch	On upper console	
Sliding Roof Motor	Front LH side of trunk	209-1
Sliding Roof Switch	On upper console	
C104 (14 pins)	LH side of driver's footwell	208-1
C168 (4 pins)	Behind LH rear wheel well	209-1
G102	Behind instrument panel	206-2
G104	RH rear wheel well	203-2

RH OUTSIDE MIRROR

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
G102	Behind instrument cluster	206-2

START/STOP (IGNITION SWITCH)

Fuel Shutoff Diaphragm	Rear of fuel injection pump	201-2
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Starter Assembly	Lower RH rear of engine	
Starter Lockout/Backup		
Light Switch	LH side of transmission	202-1
C105 (4 terminals)	RH front wheel well	204-1
C146 (6 pins)	RH side of driver's footwell	208-1
G100	RH rear corner of engine compartment	201-4

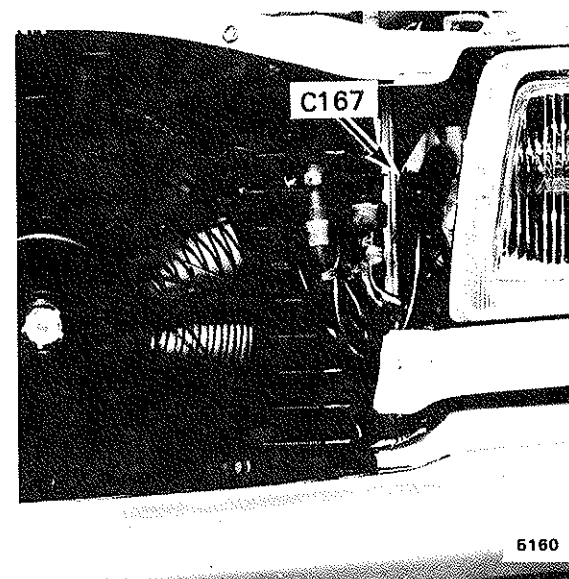


Figure 1 - LH Front of Car

206
300
SD
TURBO

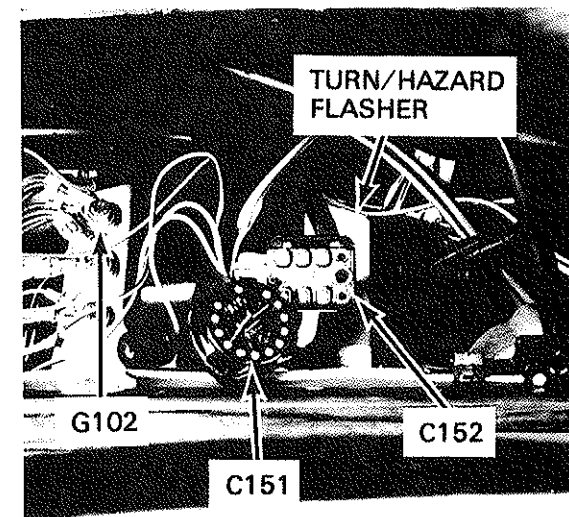


Figure 2 - Behind Instrument Cluster

COMPONENT LOCATIONS

STOPLIGHTS/CRUISE CONTROL

		Page-Figure
Brake Switch	Top of brake pedal support	
Cruise Control Actuator	LH front of engine	205-2
Cruise Control Amplifier	LH side of driver's footwell	207-1
Cruise Control Switch.....	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment ... 100-1,	207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C140 (6 pins).....	Under LH side of instrument panel	
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins).....	Rear of instrument cluster	206-2
C153 (6 pins).....	On diagnostic plug bracket	210-4
C164 (8 pins).....	LH front wheel well	210-4
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

TURN SIGNAL/HAZARD LIGHTS

Combination Switch	Top LH side of steering column	
Flasher	In center console forward of shift lever	
Fuse Box	LH rear corner of engine compartment ..100-1,	207-2
Hazard Switch	On center console	
C104 (14 pins)	LH side of driver's footwell	208-1
C106 (14 pins)	LH side of driver's footwell	207-1
C141 (4 pins).....	Behind LH headlights	210-2
C142 (4 pins).....	Behind RH headlights	
C152 (6 pins).....	Rear of instrument cluster	206-2
C153 (6 pins).....	On diagnostic plug bracket	210-4
G101	Behind RH headlights	210-5
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

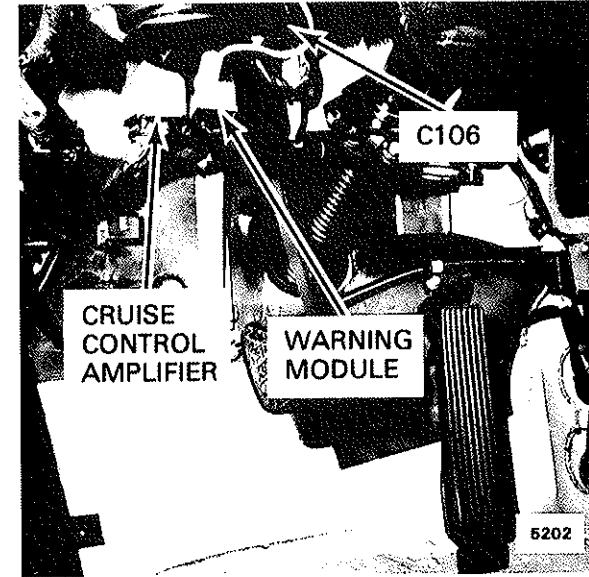


Figure 1 - LH Side of Driver's Footwell

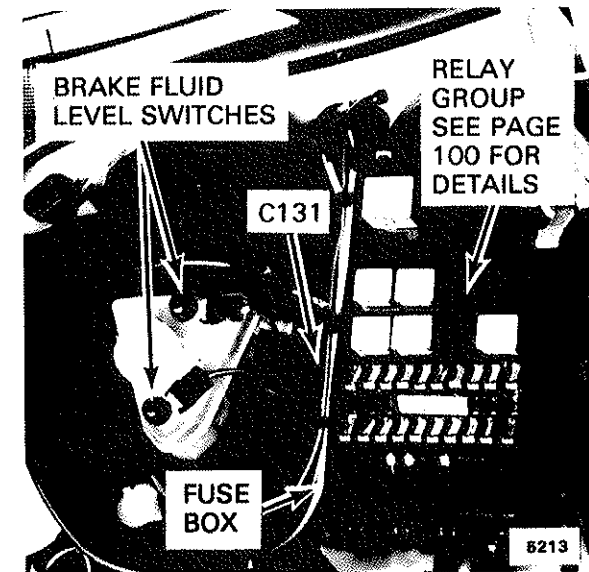


Figure 2 - LH Rear Corner of Engine Compartment

COMPONENT LOCATIONS

WARNING INDICATORS/GAUGES/CLOCK

		Page-Figure
Brake Wear Sensors	In front brake pads	
Coolant Temperature Sender	LH side of cylinder head	210-6
Fuel Gage Sender	Under first aid kit tray	
Fuse Box	LH rear corner of engine compartment ... 100-1,	207-2
Impulse Transmitter	Rear of LH side of transmission	202-1
Oil Pressure Sender	Lower LH rear of engine	208-2
TDC Amplifier	In cap of diagnostic connector	202-2
TDC Sensor		
C104 (14 pins)	LH side of driver's footwell	208-1
C131 (2 pins)	RH side of fuse box	207-2
C132 (2 pins)	Top of RH front wheel well	
C146 (6 pins)	RH side of driver's footwell	208-1
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins)	Rear of instrument cluster	206-2
C153 (6 pins)	Rear center of engine compartment	210-4
G101	Behind RH headlights	210-5
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1

208
300
SD
TURBO

WARNING SYSTEM

Brake Fluid Level Switches	Brake fluid reservoir	207-2
Door Switches	In each door jamb	
Driver's Seatbelt Switch	Part of driver's seatbelt assembly	
Fuse Box	LH rear corner of engine compartment ... 100-1,	207-2
Key Warning Switch	Part of ignition switch	210-3
Park Brake Switch	On parking brake support	
Warning Module	LH side of driver's footwell	207-1
C104 (14 pins)	LH side of driver's footwell	208-1
C131 (2 pins)	RH side of fuse box	207-2
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins)	Rear of instrument cluster	206-2
C156 (1 pin)	Behind LH front door jamb switch	
C166 (2 pins)	Under driver's seat	
G102	Behind instrument cluster	206-2

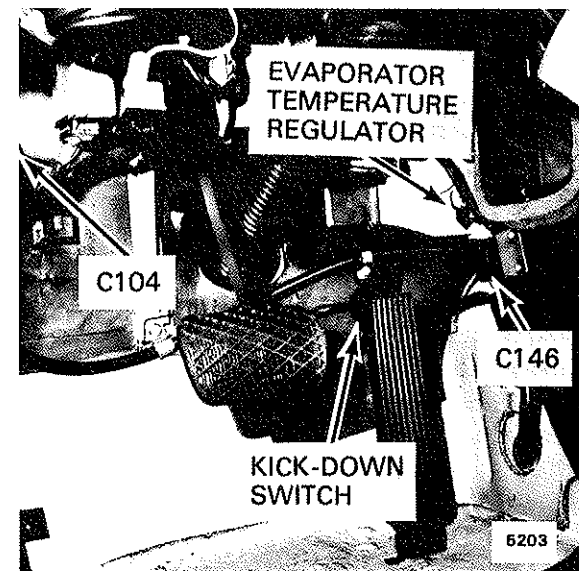


Figure 1 - LH Side of Driver's Footwell



Figure 2 - Lower Rear LH Side of Engine

COMPONENT LOCATIONS

WIPER/WASHER

Page-Figure

Combination Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Interval Wipe Control	In fuse box	100-1
Rear Defogger Timer Relay...	In fuse box	100-1
RH Brake Wear Sensor	In RH front brake pad	
Washer Jet Heaters	In water jets, rear center of hood	209-3
Washer Motor	In washer fluid reservoir	
Wiper Motor	In center of fresh air duct	210-1
C106 (14 pins)	LH side of driver's footwell	207-1
C112 (6 pins).....	To right of power brake booster	210-1
C132 (2 pins).....	Top of RH front wheel well	
G101	Behind RH headlights	210-5
G102	Behind instrument cluster	206-2

209
300
SO
TURBO

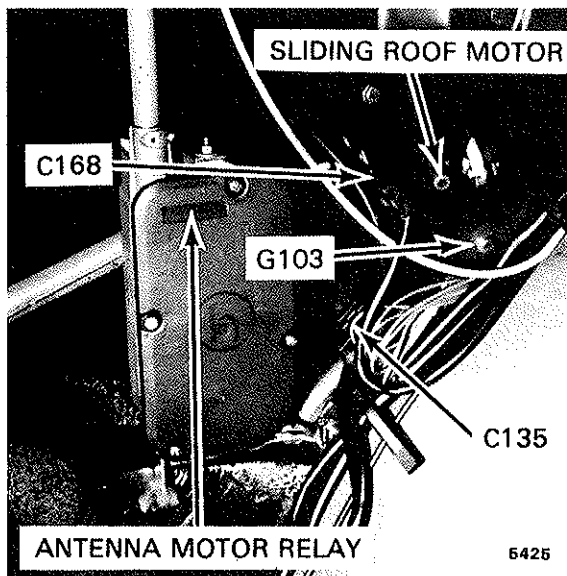


Figure 1 - LH Rear Wheel Well

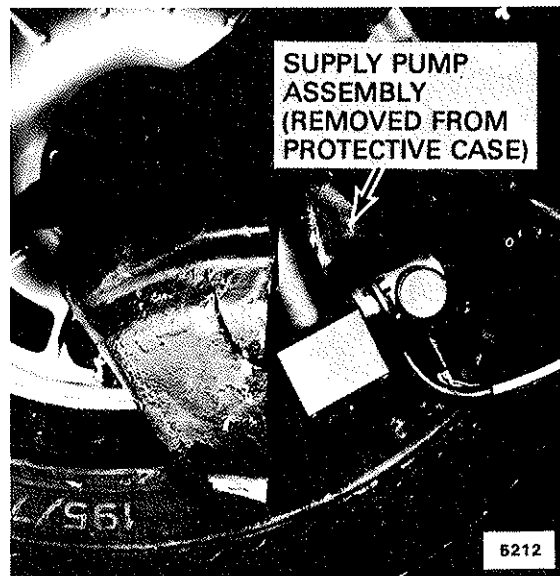


Figure 2 - Spare Tire Well

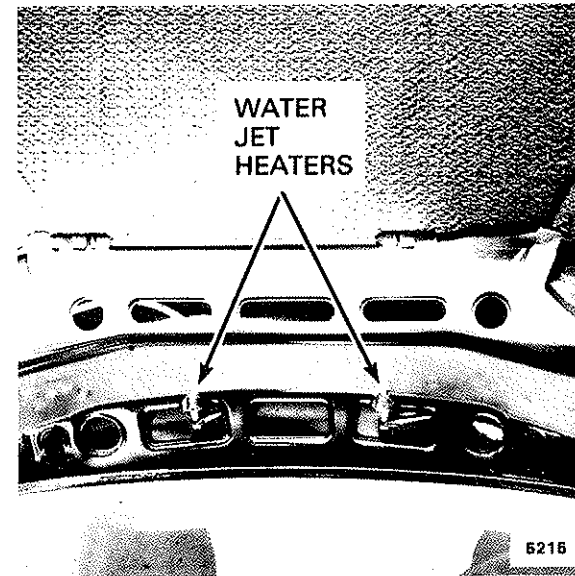


Figure 3 - Rear Center of Hood

COMPONENT LOCATIONS

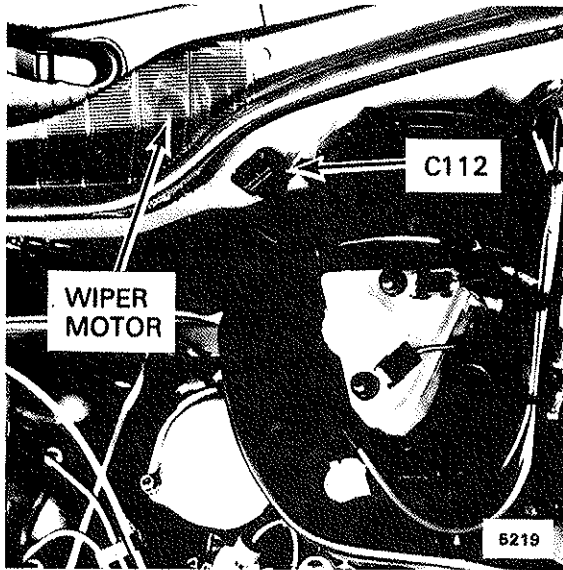


Figure 1 - Rear Center of Engine Compartment

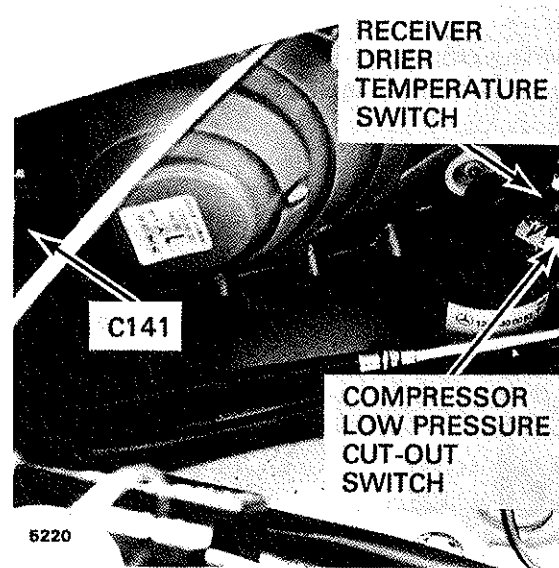


Figure 2 - Behind LH Headlights

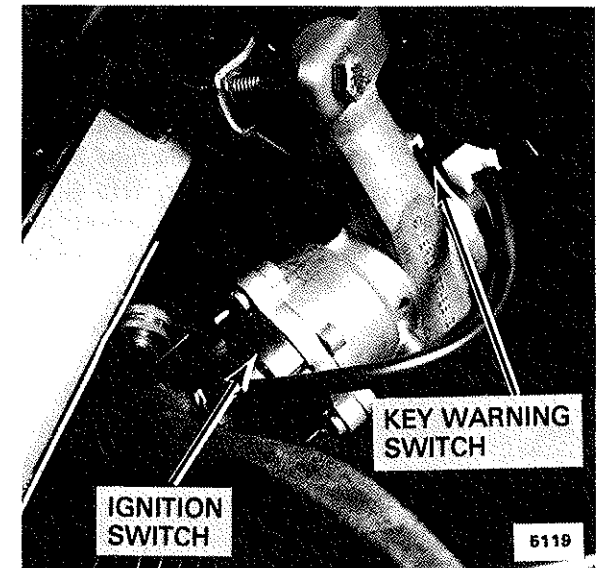


Figure 3 - Behind Instrument Panel

210
300
SD
TURBO

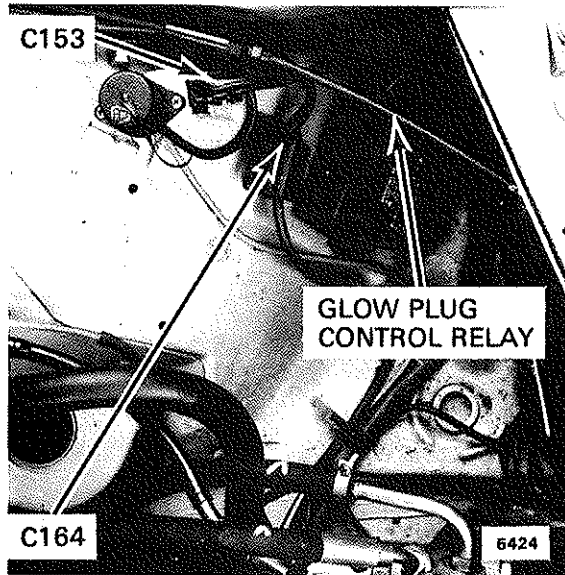


Figure 4 - LH Front Wheel Well



Figure 5 - Behind RH Headlights

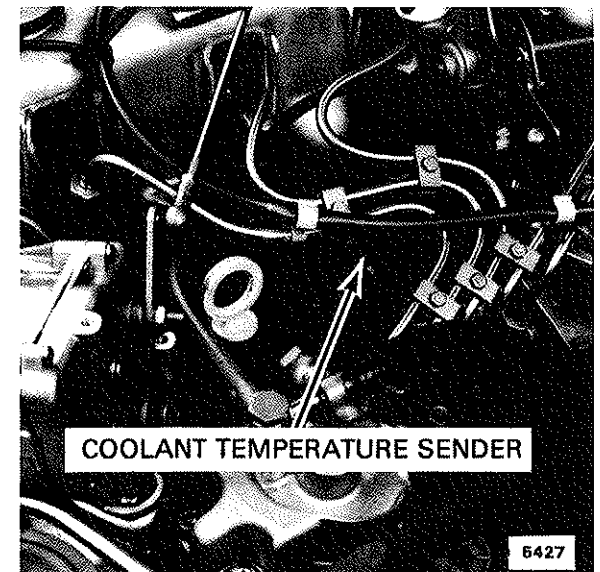


Figure 6 - LH Side of Engine

INDEX

1982 SALES DESIGNATIONS	MODEL
380 SL	107.045

INDEX - Alphabetical Listing of Electrical Circuits

	SCHEMATIC	COMPONENT LOCATION	Lights (continued)	SCHEMATIC	COMPONENT LOCATION
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Automatic Antenna	127.....	202	—Hazard	116.....	207
Automatic Climate Control ...	132.....	334	—Headlights.....	112.....	202
Auxiliary Fan	123.....	203	—Instrument Cluster	122	204
Charging System	110.....	201	—License	115.....	204
Cigar Lighter	127.....	202	—Marker	115.....	204
Clock	120.....	207	—Park.....	114.....	205
Cruise Control	113.....	206	—Rear Dome	111.....	201
Fuel Delivery	107.....	203	—Stop	113.....	206
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—Backup	111.....	201	Transmission Kickdown	107.....	203
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—Courtesy	121.....	202	Warning System	117.....	208
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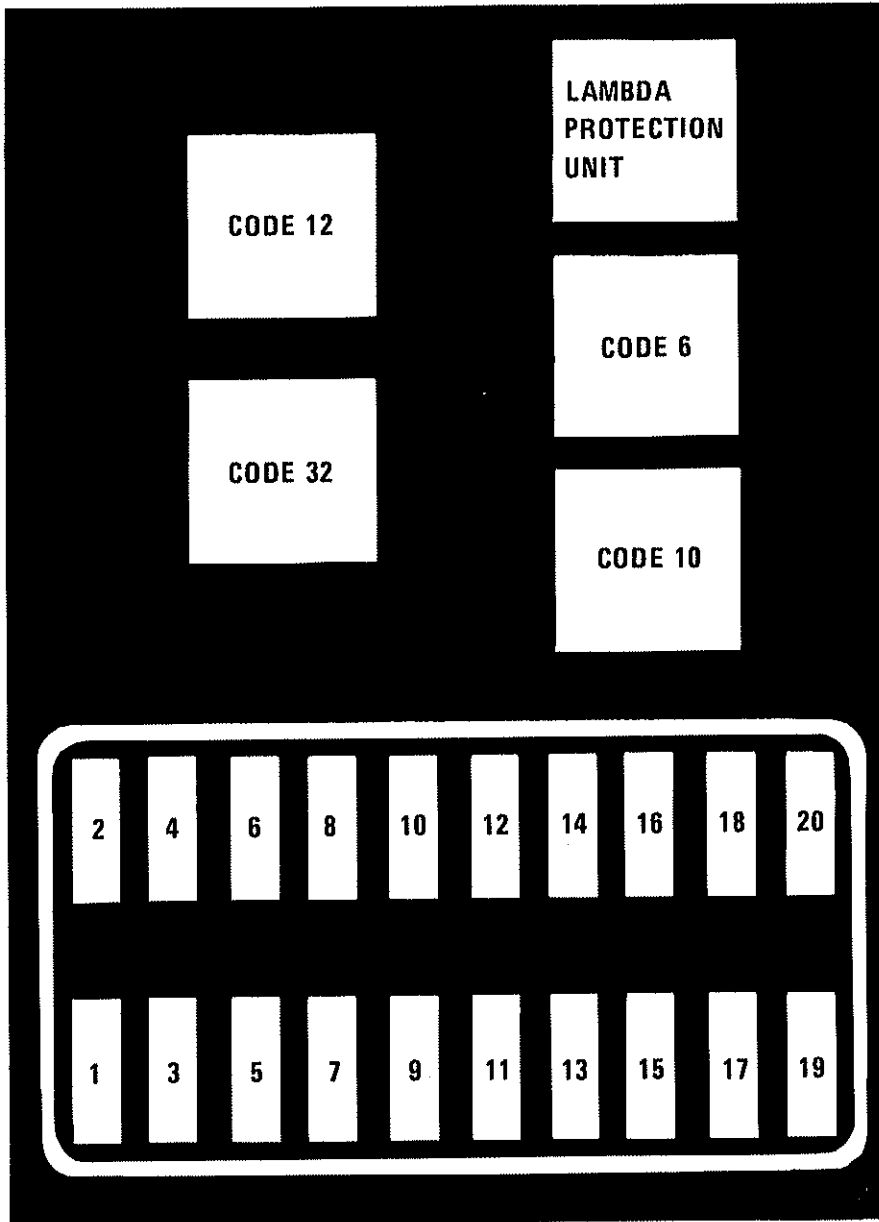
Fuse-Circuit List

Fuse		Circuits Protected	Page
No.	Amps (color)		
1	8(WT)	Automatic Antenna	127
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		Courtesy Lights	121
		Lights: Hazard	116
		Radio	127
		Rear Dome Light	111
		Trunk Light	115
		Warning System	117
2	16(PK)	Auxiliary Fan	123
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4	16(PK)	Power Windows (RH)	126
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		Turn Signal/Hazard	116
		Warning System/Warning Indicators	117
		Power Windows	126
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7	8(PK)	Air Injection Management	109
		Automatic Climate Control	127
		Auxiliary Fan	123
		Backup Lights	111
		Warning System	117
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9	NOT USED		
10	16(WT)	Rear Defogger	125

Fuse		Circuits Protected	Page
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		Wiper/Washer	124
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		Glove Box Light	111
		Heated Seats	128
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19	16(PK)	Headlights (RH Low Beam)/Fog Lights	112
20	8(WT)	Headlights (LH Low Beam)	112
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102
380
SL

FUSE BOX

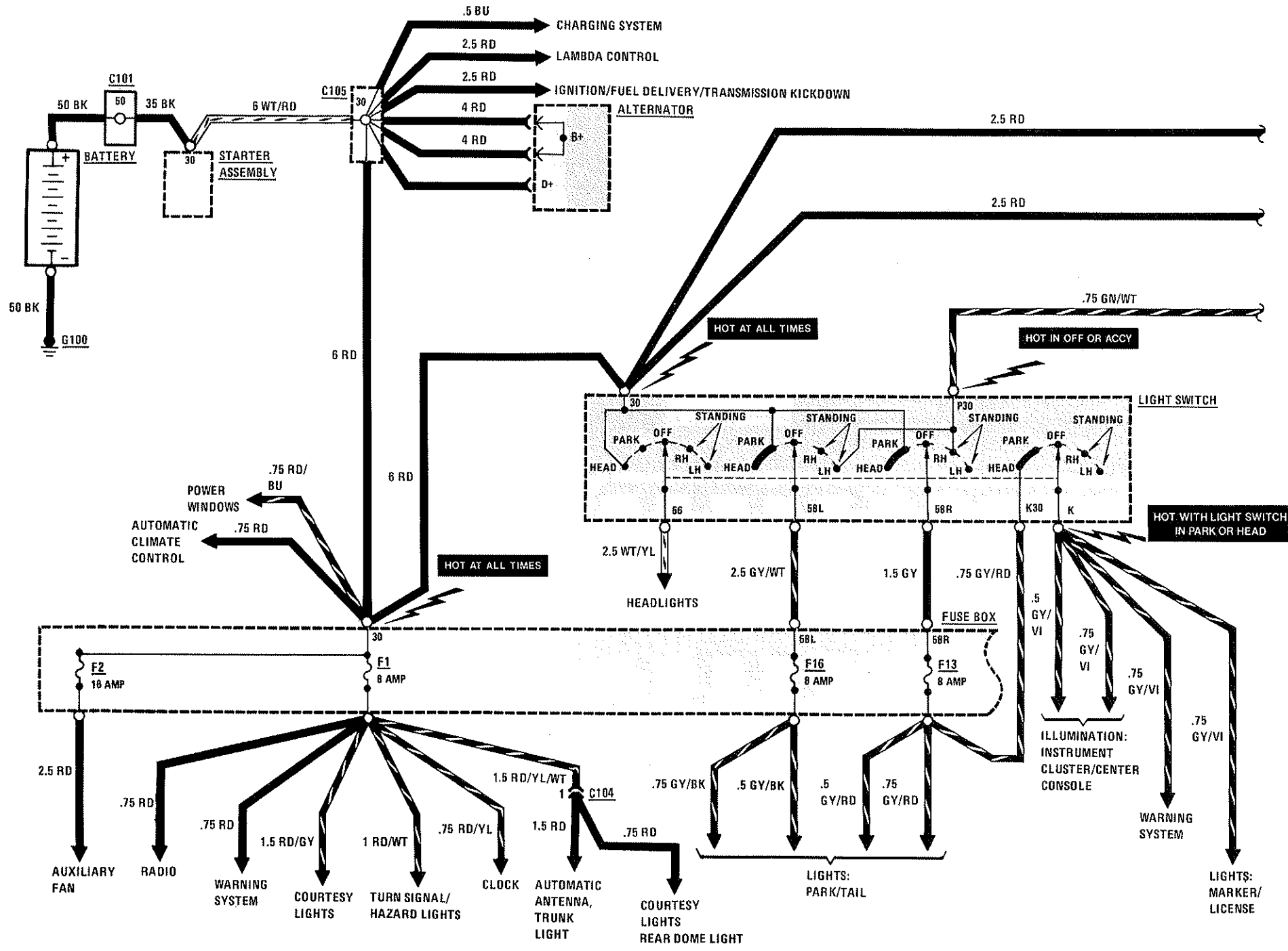


RELAY CODE	RELAY USE
12	Compressor Relay
32	Air Injection Management Relay
No Code	Lambda Protection Unit
6	Auxiliary Fan Relay
10	Window Relay

NOTE: Relays are shown in their typical position they can be arranged in different positions. Use codes to determine proper relay.

POWER DISTRIBUTION

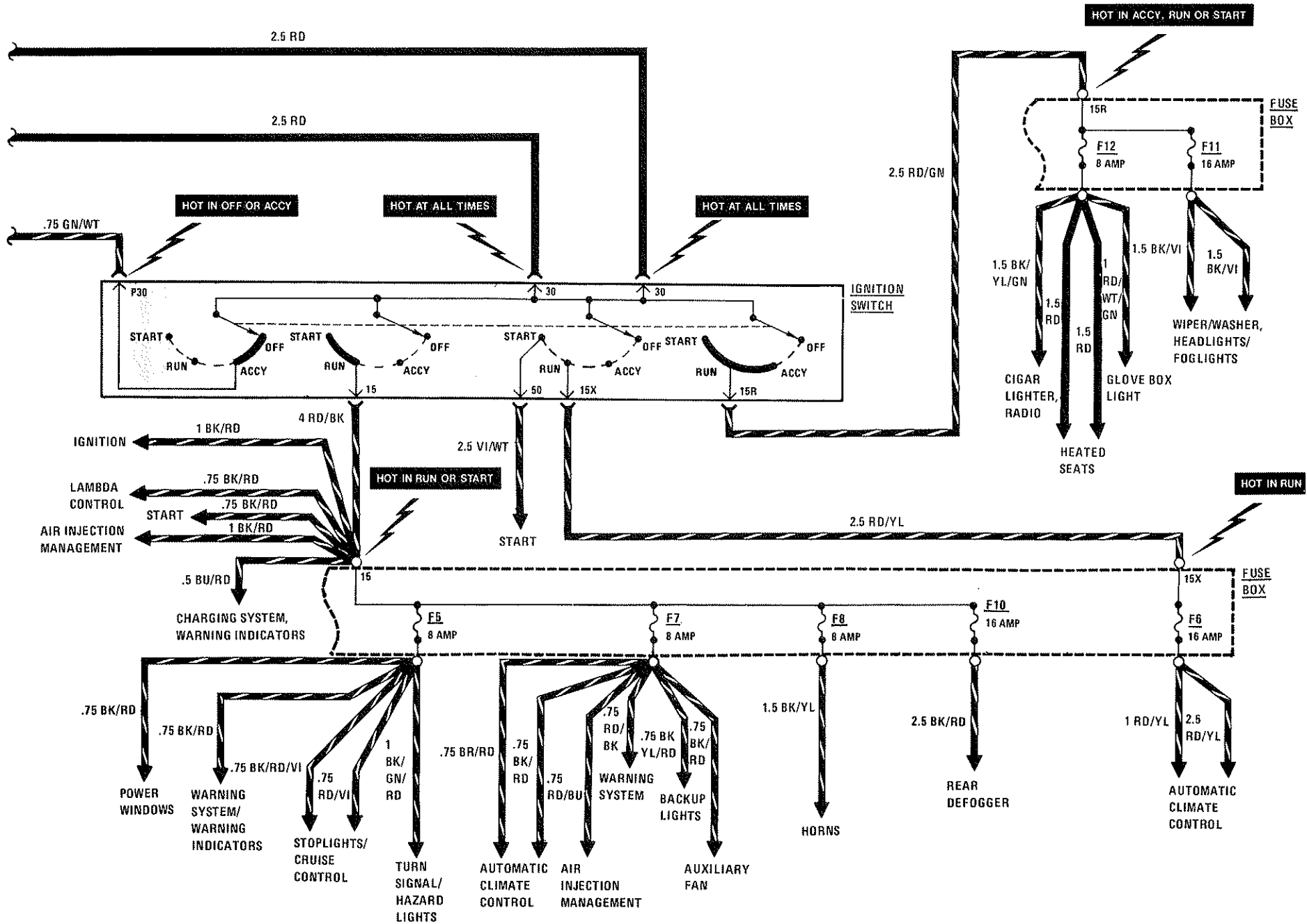
(For Component Locations See Page 205)



104
380
SL

POWER DISTRIBUTION

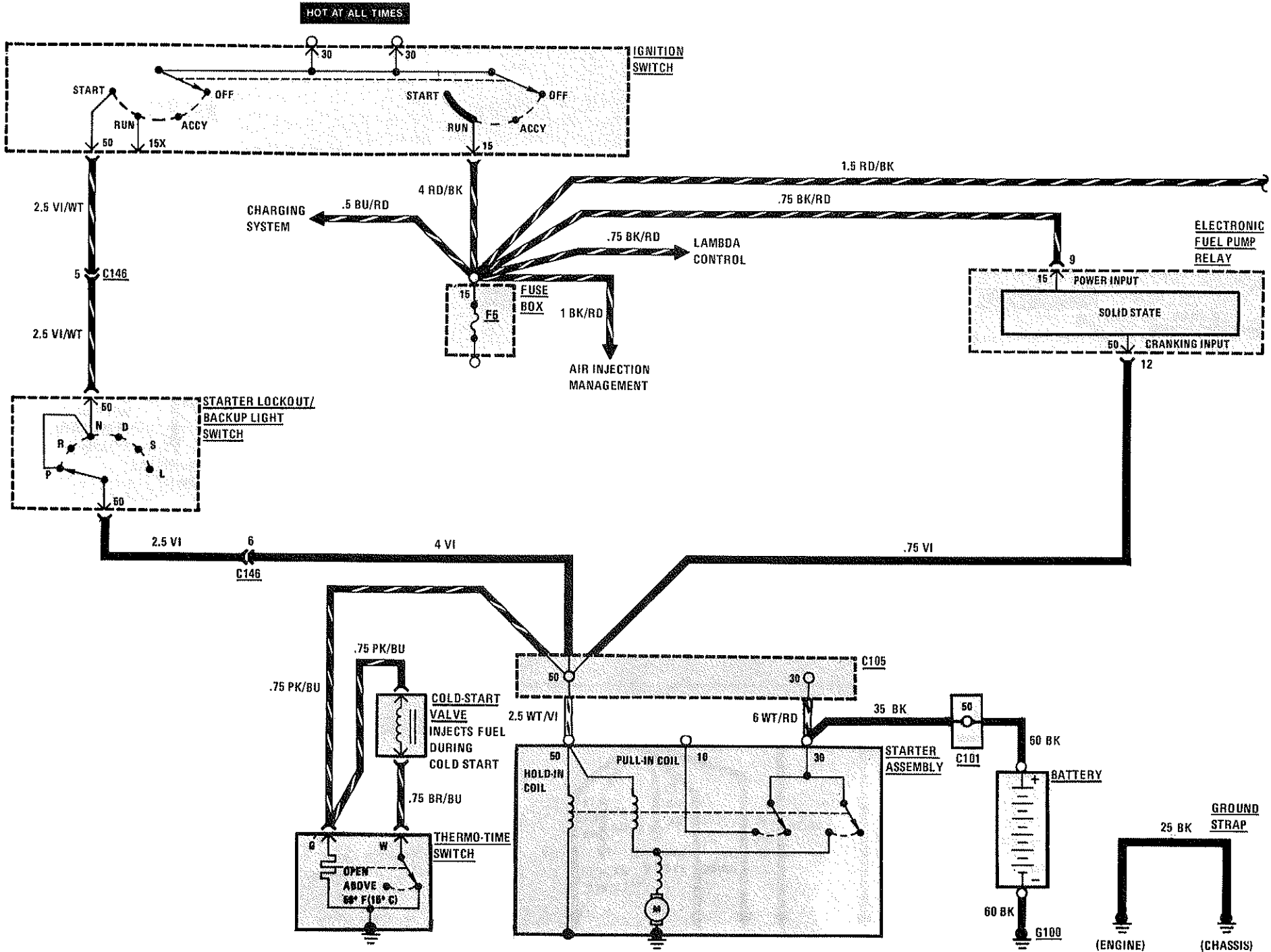
(For Component Locations See Page 205)



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380
SL

START

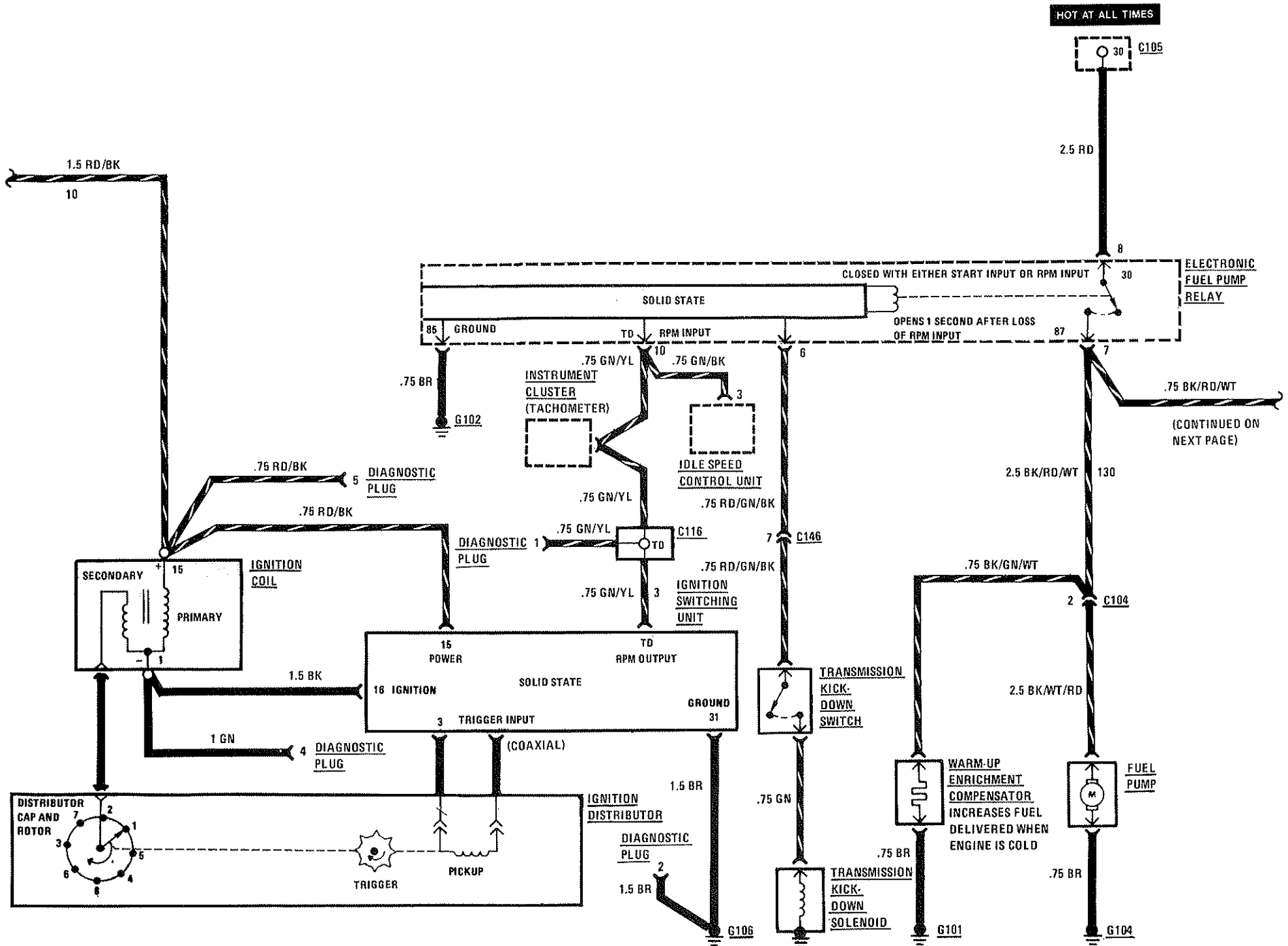
(For Component Locations See Page 206)



106
380
SL

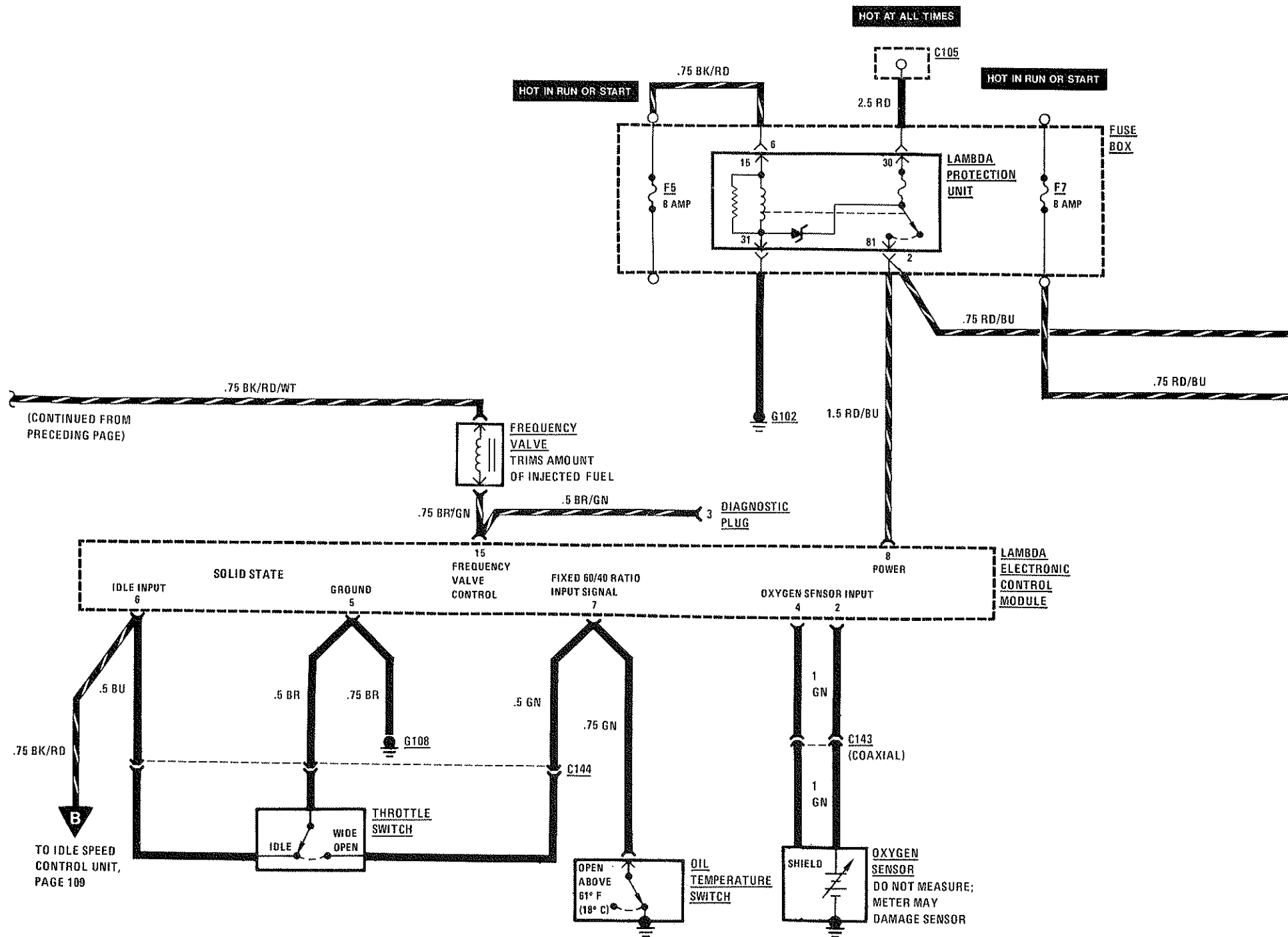
IGNITION/FUEL DELIVERY/TRANSMISSION KICKDOWN

(For Component Locations See Page 203)



LAMBDA CONTROL

(For Component Locations See Page 204)



108
380
SL

(CONTINUED FROM PRECEDING PAGE)

TO IDLE SPEED CONTROL UNIT, PAGE 109

HOT AT ALL TIMES

HOT IN RUN OR START

HOT IN RUN OR START

FUSE BOX

LAMBDA PROTECTION UNIT

FREQUENCY VALVE TRIMS AMOUNT OF INJECTED FUEL

DIAGNOSTIC PLUG

LAMBDA ELECTRONIC CONTROL MODULE

THROTTLE SWITCH

OIL TEMPERATURE SWITCH

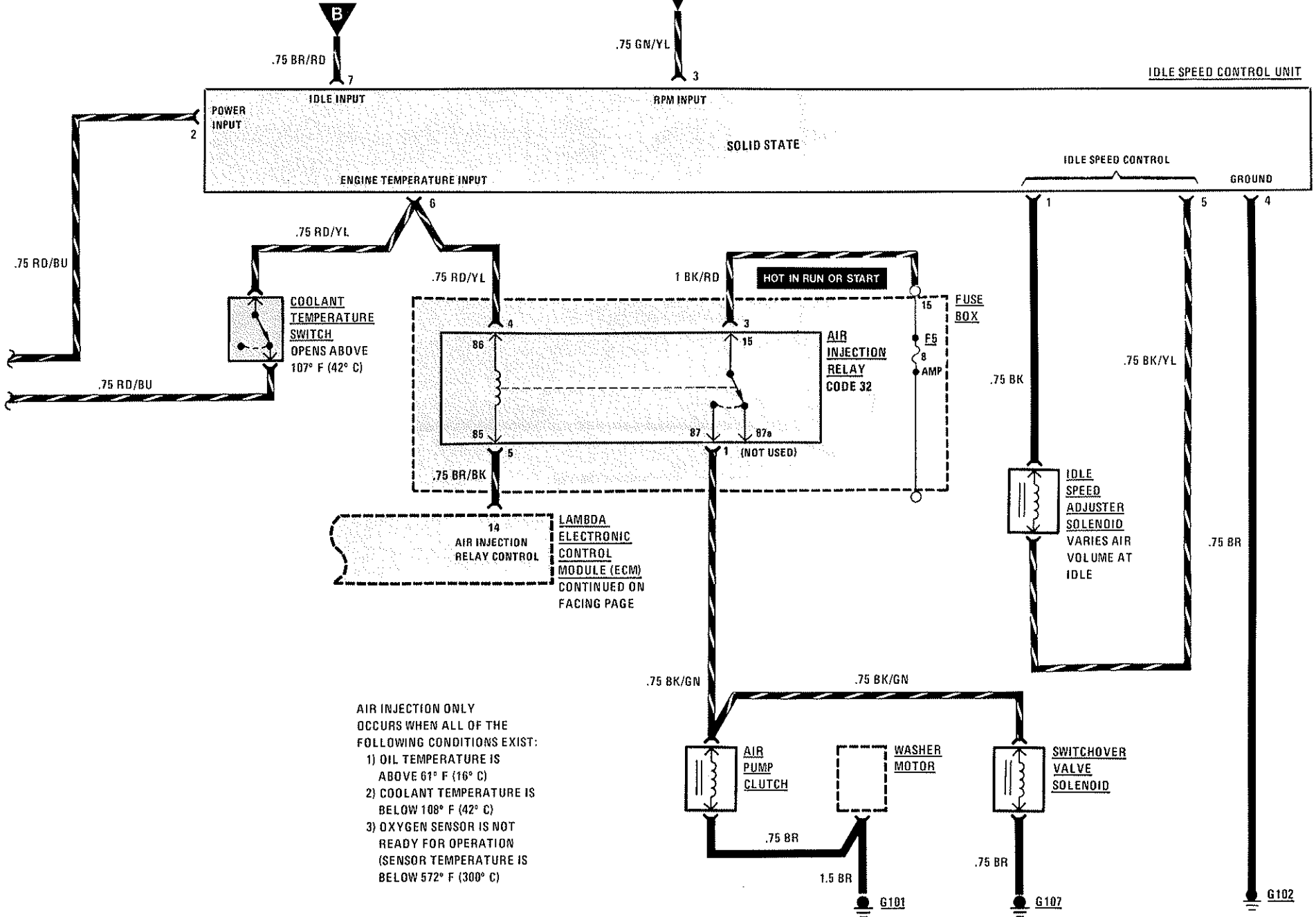
OXYGEN SENSOR DO NOT MEASURE; METER MAY DAMAGE SENSOR

AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION

(For Component Locations See Page 201)

FROM LAMBDA ELECTRONIC CONTROL MODULE, PAGE 108

IGNITION/FUEL DELIVERY (RPM SIGNAL FROM IGNITION SWITCHING UNIT)



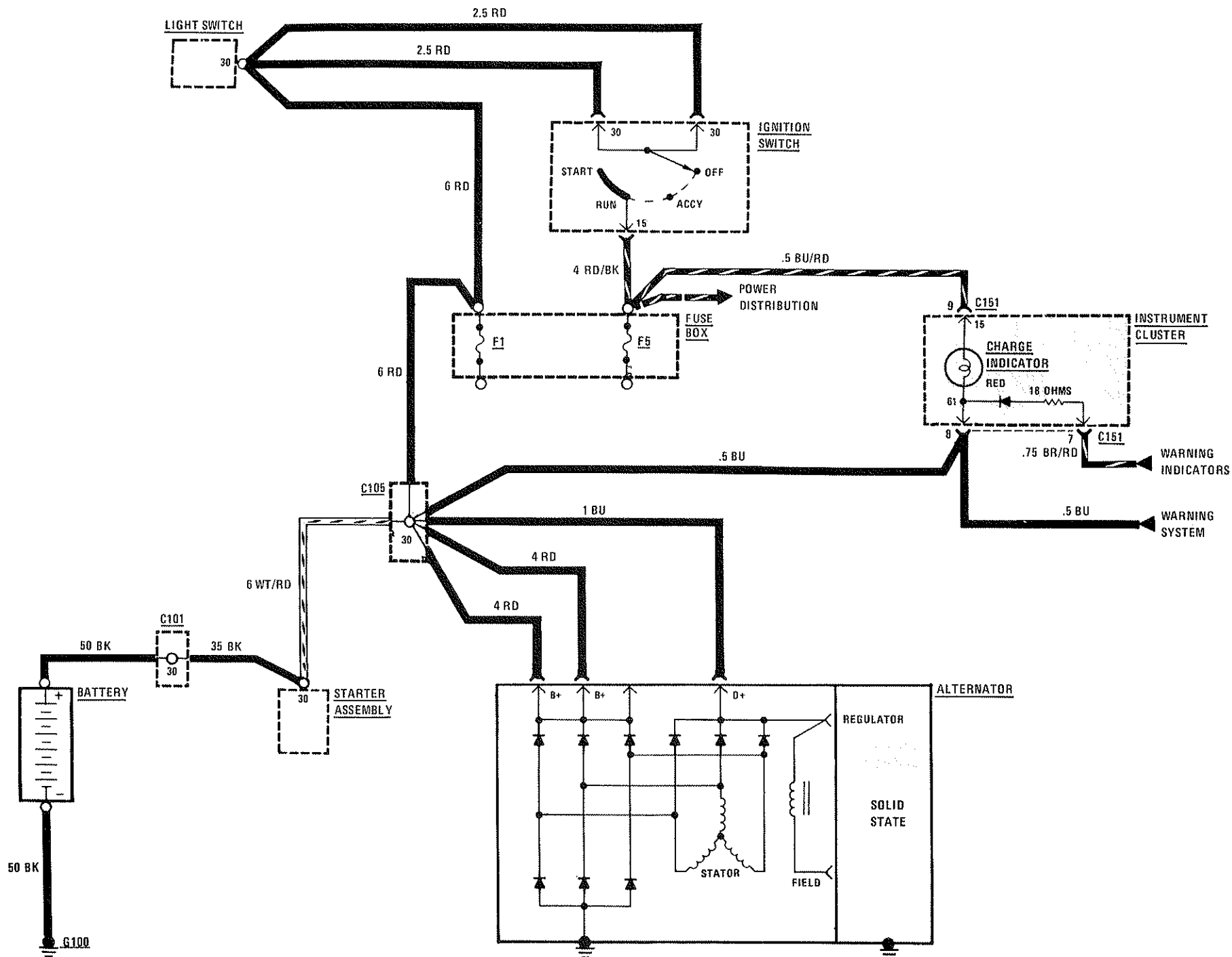
AIR INJECTION ONLY OCCURS WHEN ALL OF THE FOLLOWING CONDITIONS EXIST:

- 1) OIL TEMPERATURE IS ABOVE 61° F (16° C)
- 2) COOLANT TEMPERATURE IS BELOW 108° F (42° C)
- 3) OXYGEN SENSOR IS NOT READY FOR OPERATION (SENSOR TEMPERATURE IS BELOW 572° F (300° C))

LAMBDA ELECTRONIC CONTROL MODULE (ECM) CONTINUED ON FACING PAGE

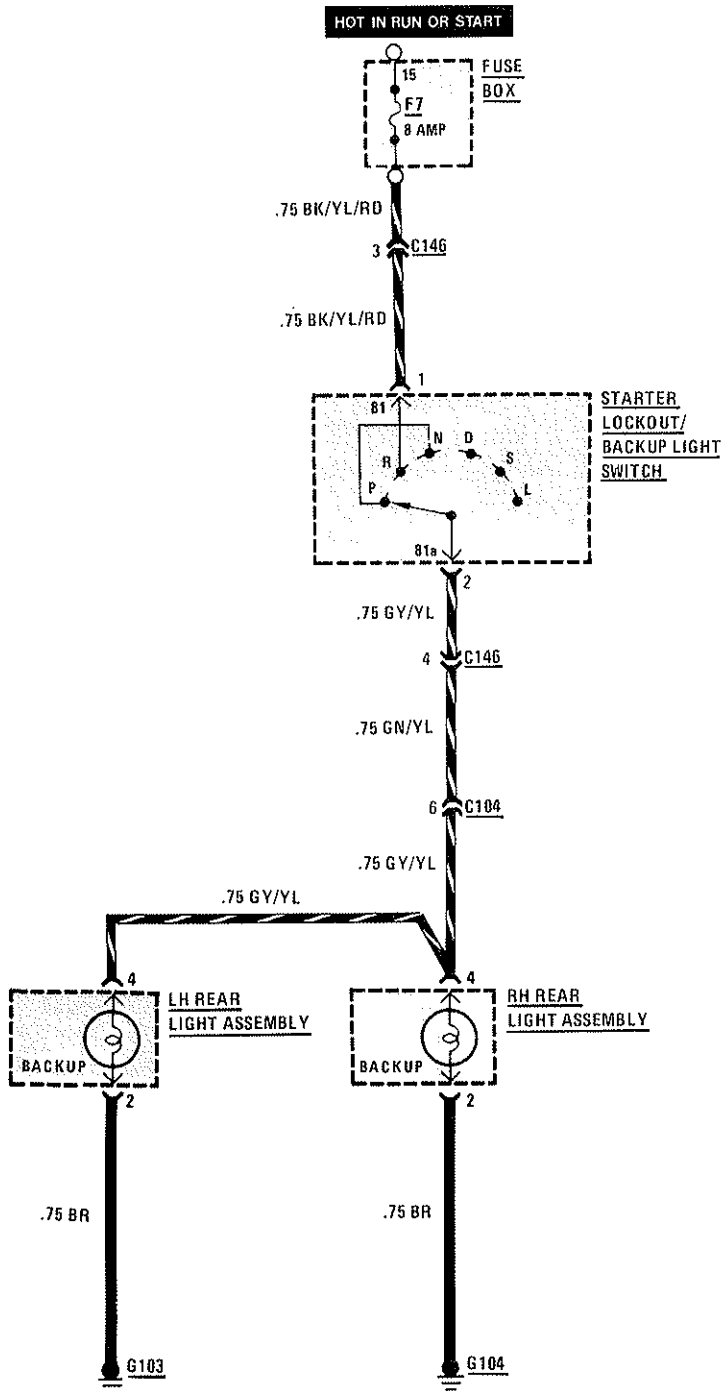
CHARGING SYSTEM

(For Component Locations See Page 201)



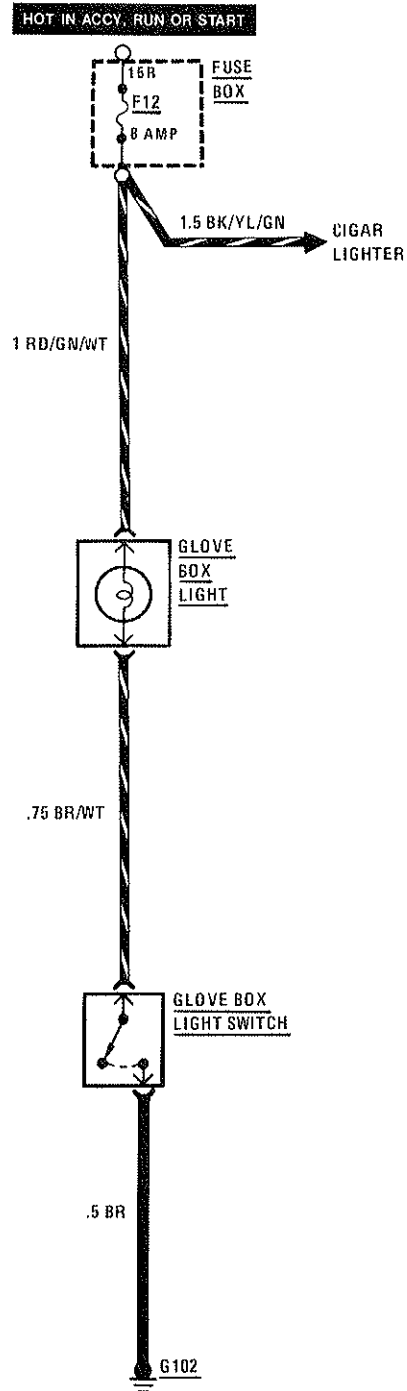
110
380
SL

REAR DOME LIGHT

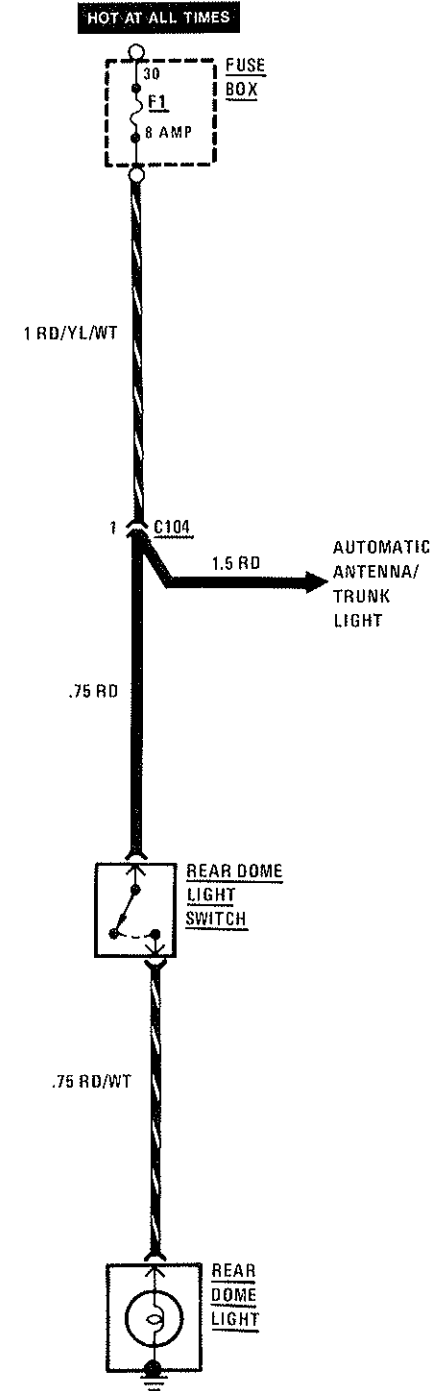


BACKUP LIGHTS

(For Component Locations See Page 201)



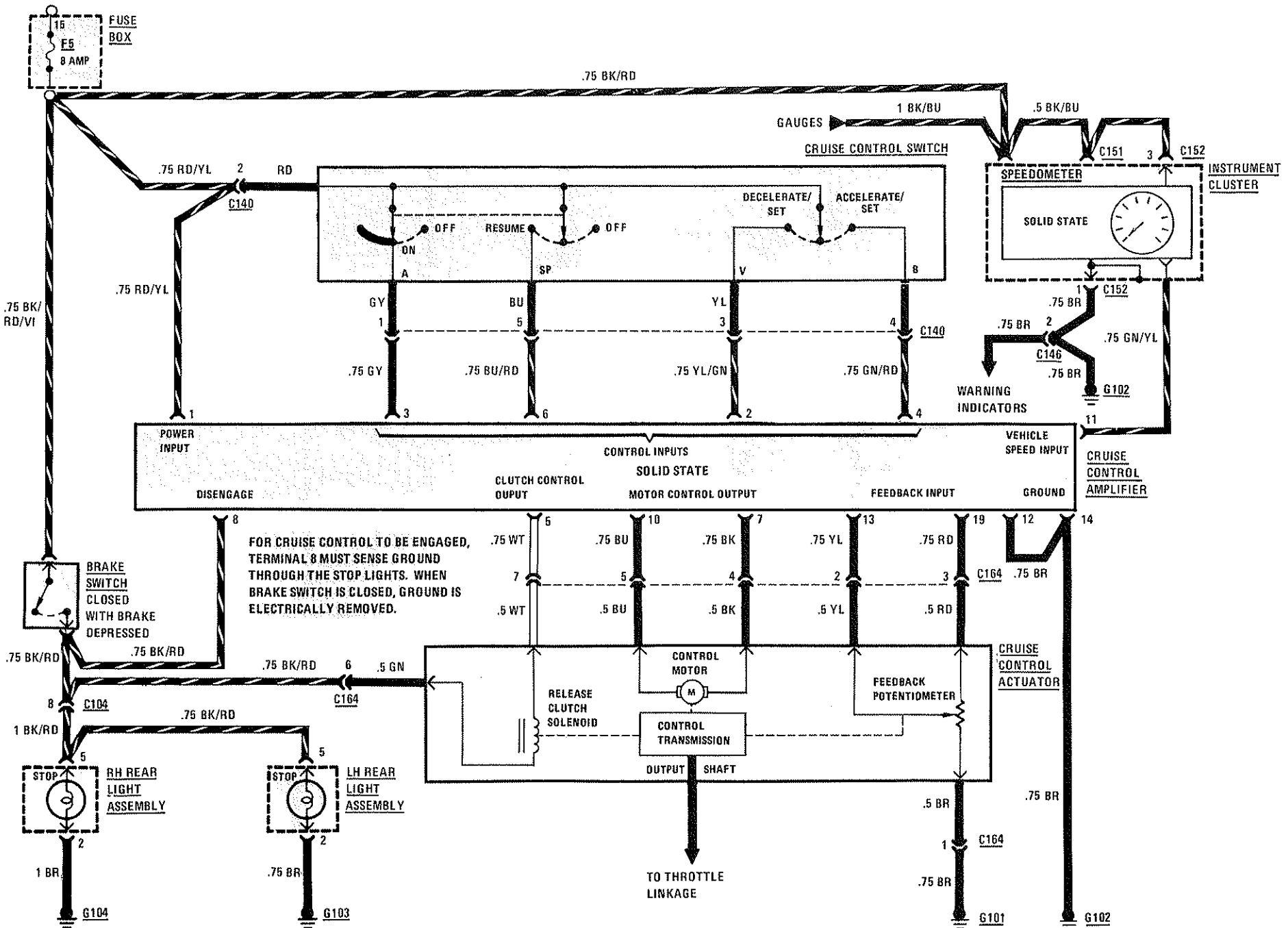
GLOVE BOX LIGHT



STOPLIGHTS/CRUISE CONTROL

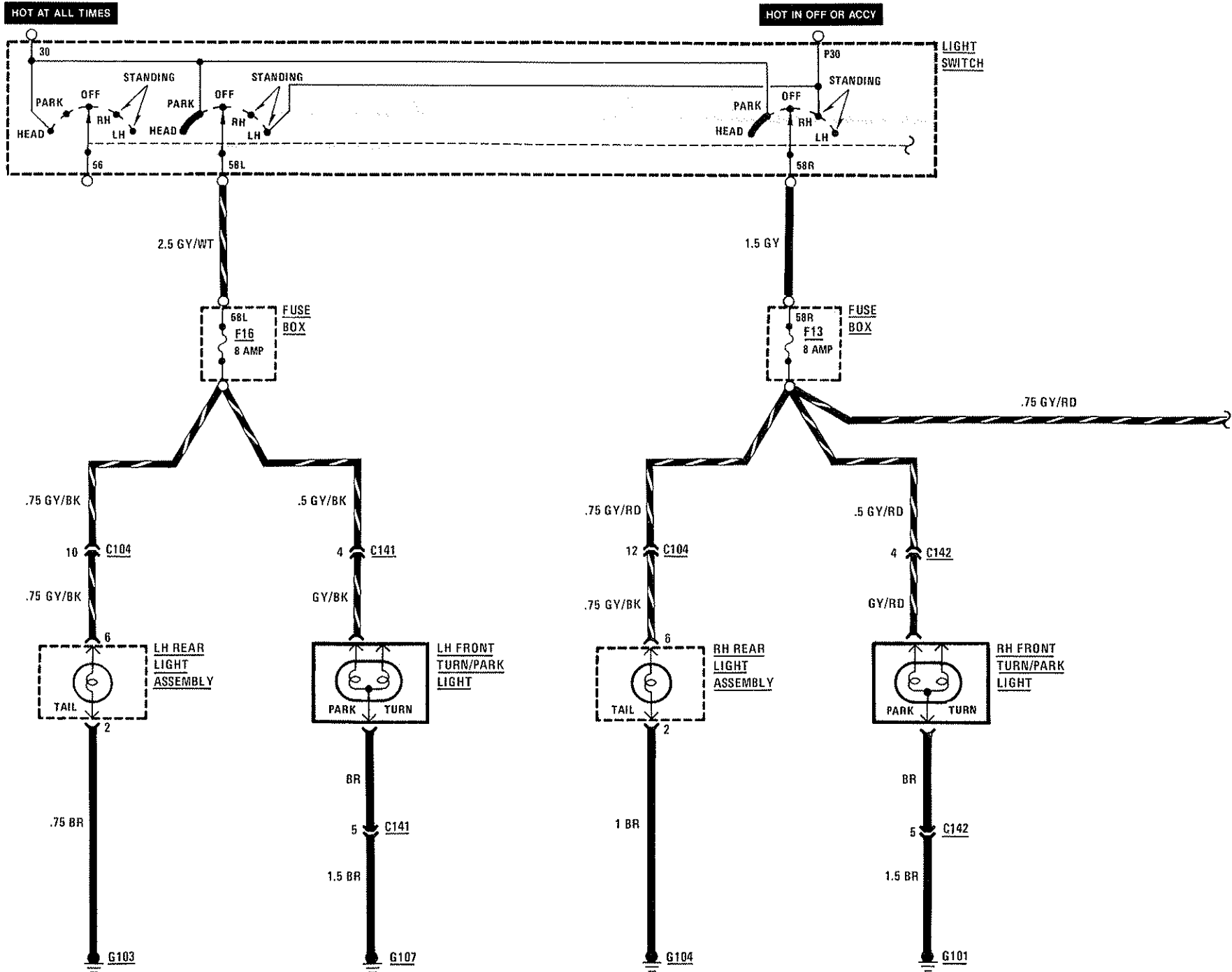
(For Component Locations See Page 206)

HOT IN RUN OR START



LIGHTS: PARK/TAIL

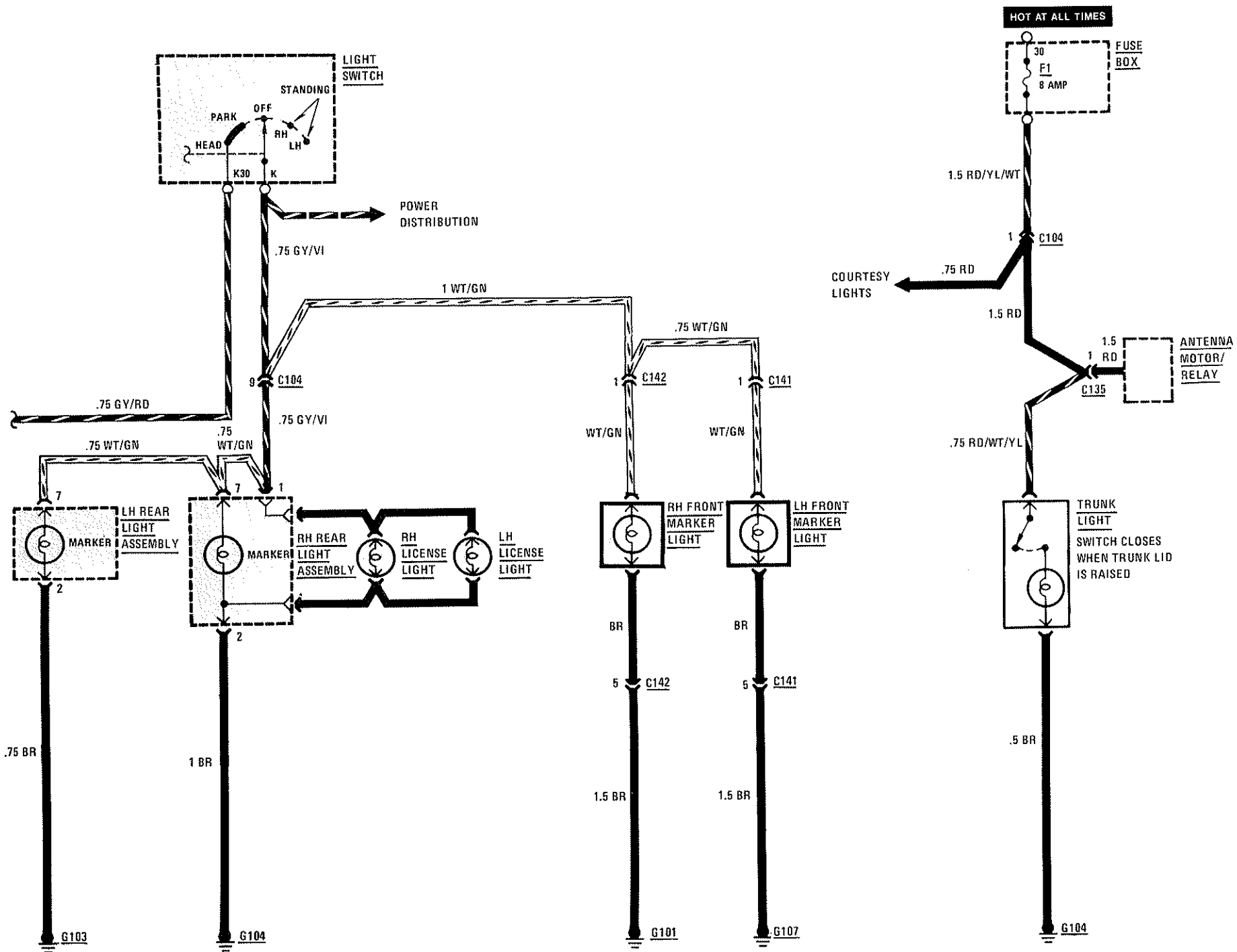
(For Component Locations See Page 205)



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380
SL

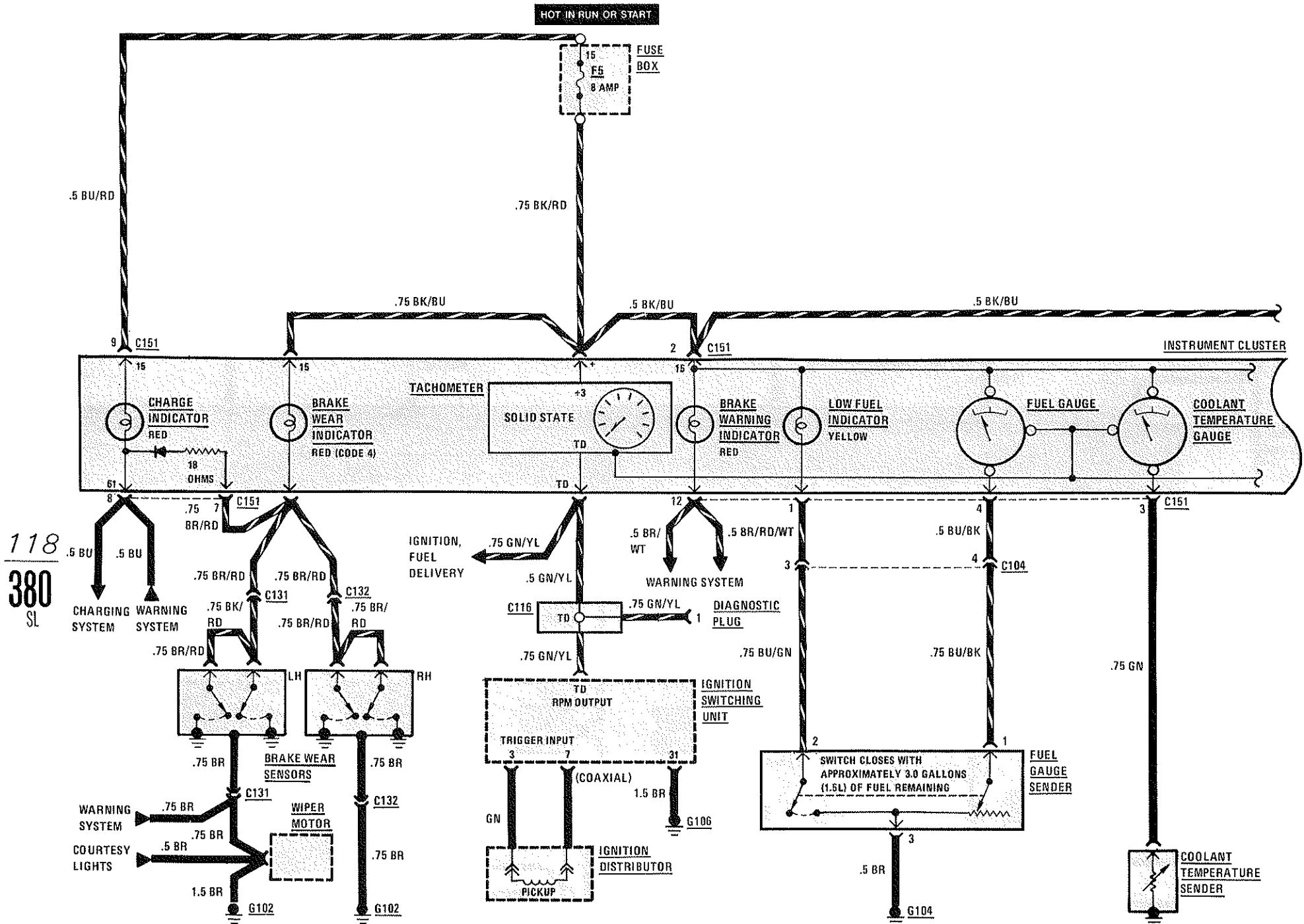
LIGHTS: MARKER/LICENSE/TRUNK

(For Component Locations See Page 204)



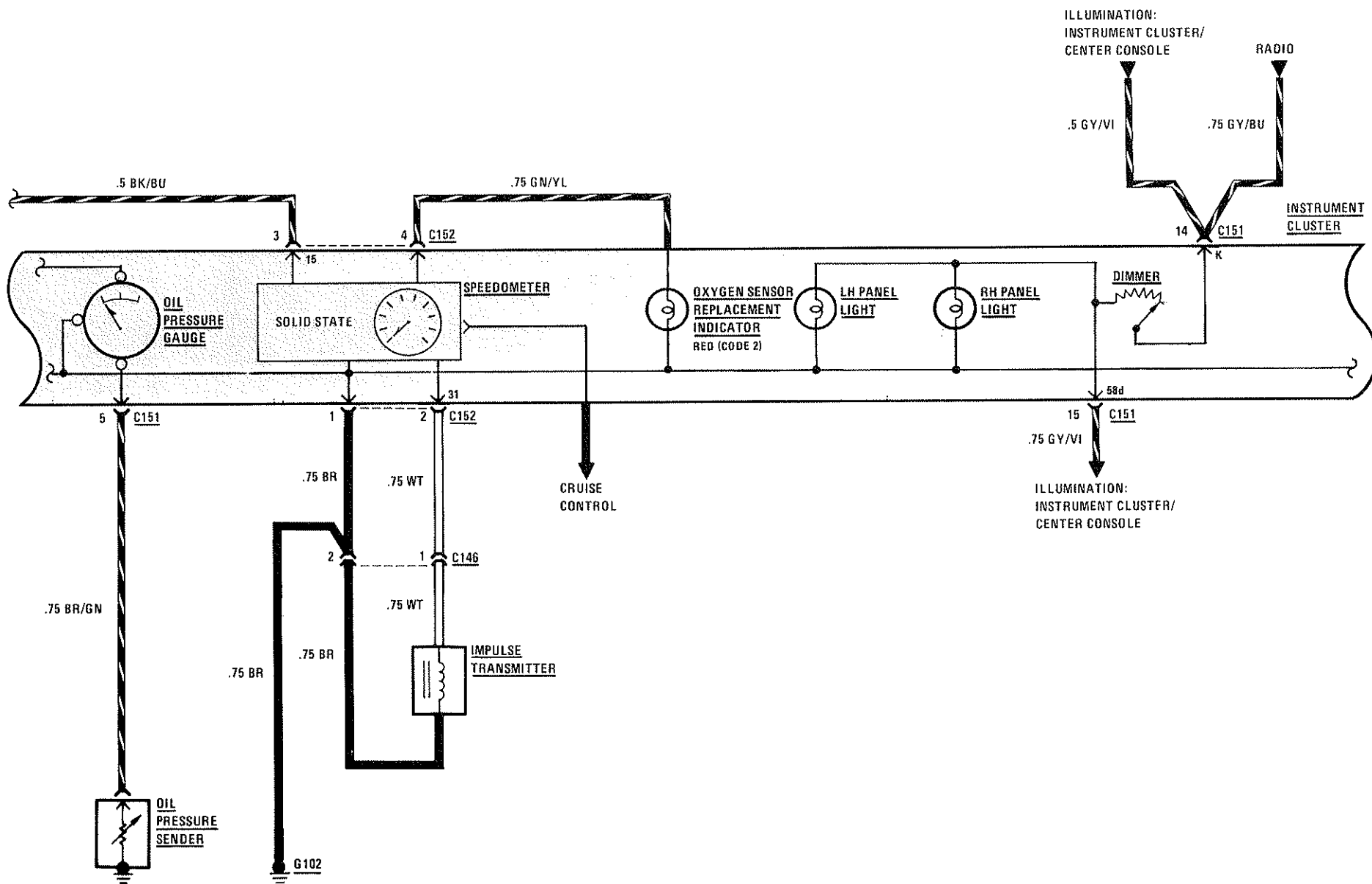
WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 207)



WARNING INDICATORS/GAUGES/CLOCK

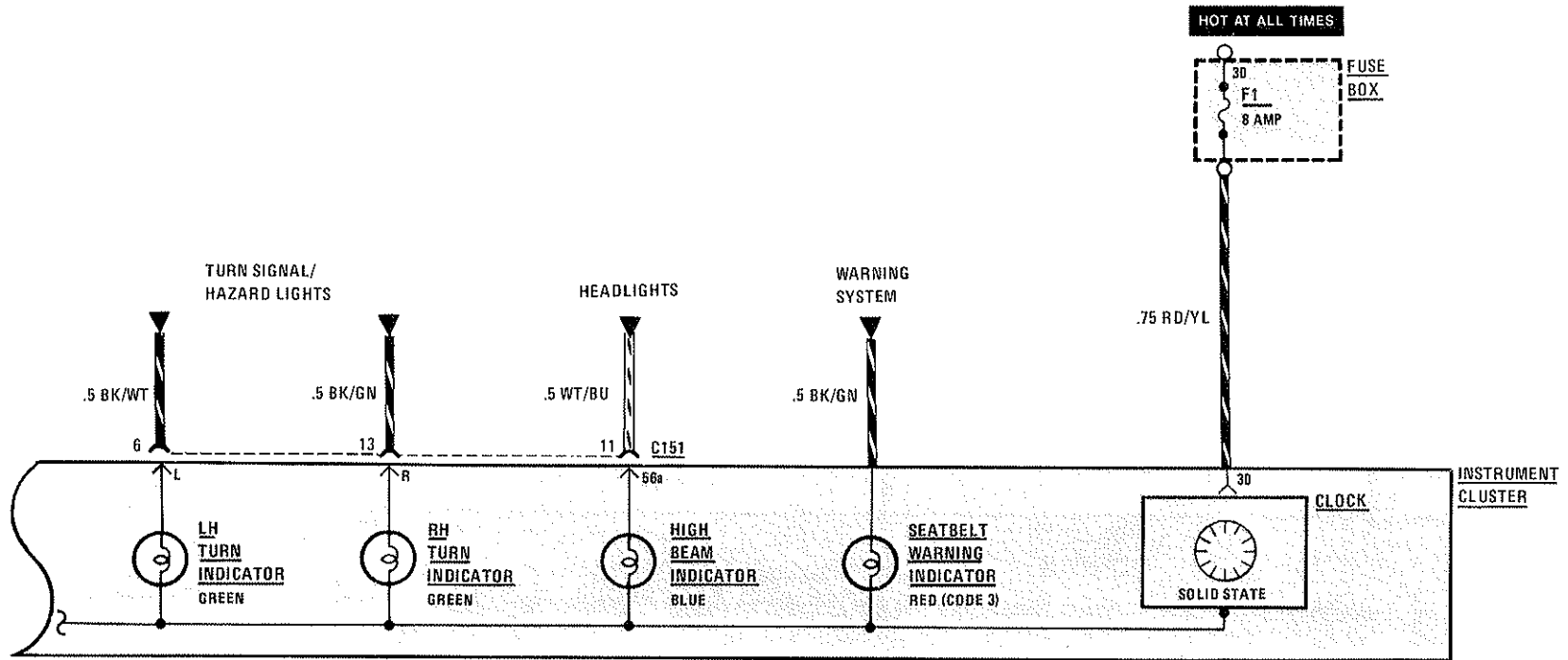
(For Component Locations See Page 207)



119
380
SL

WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 207)

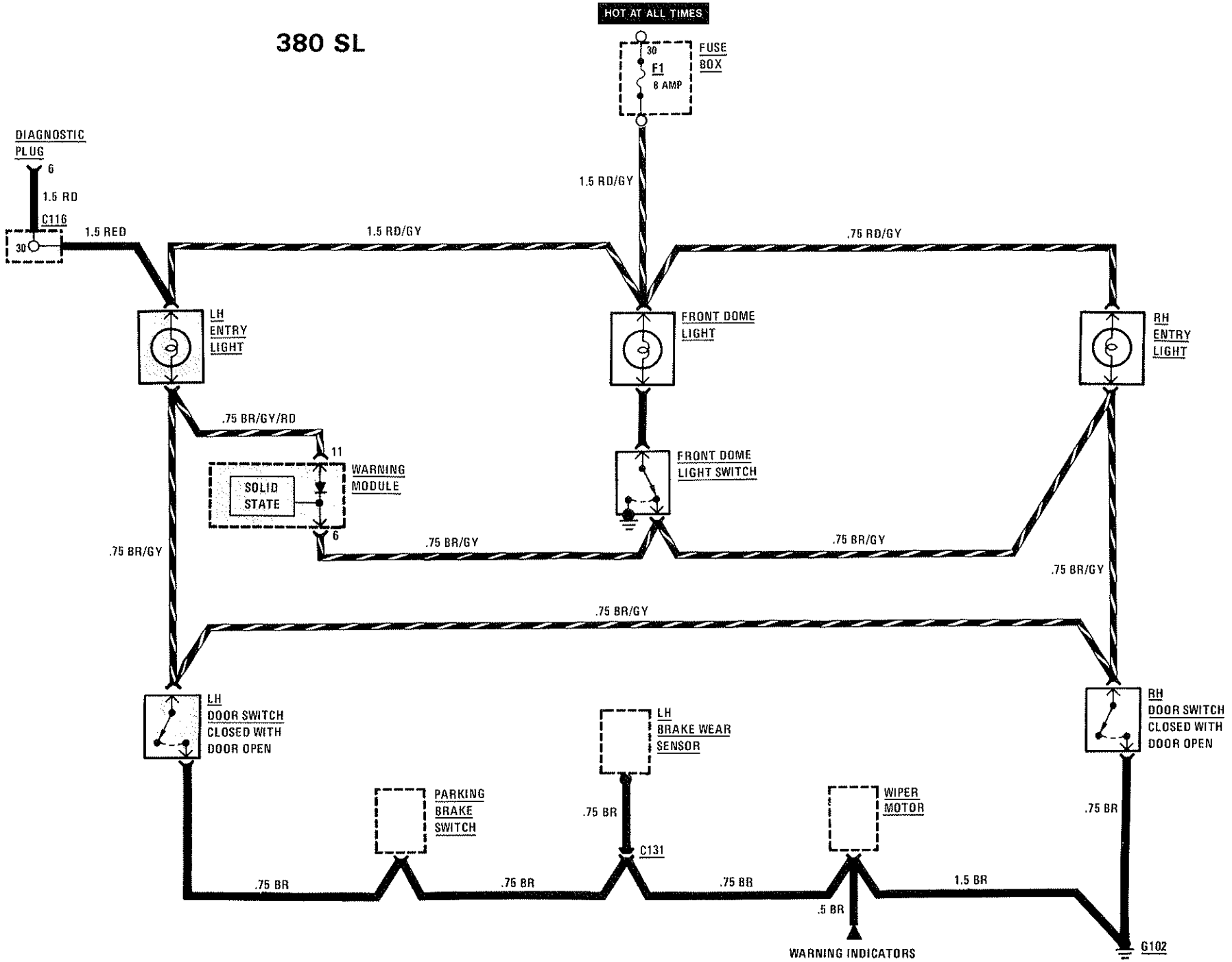


120
380
SL

COURTESY LIGHTS

(For Component Locations See Page 202)

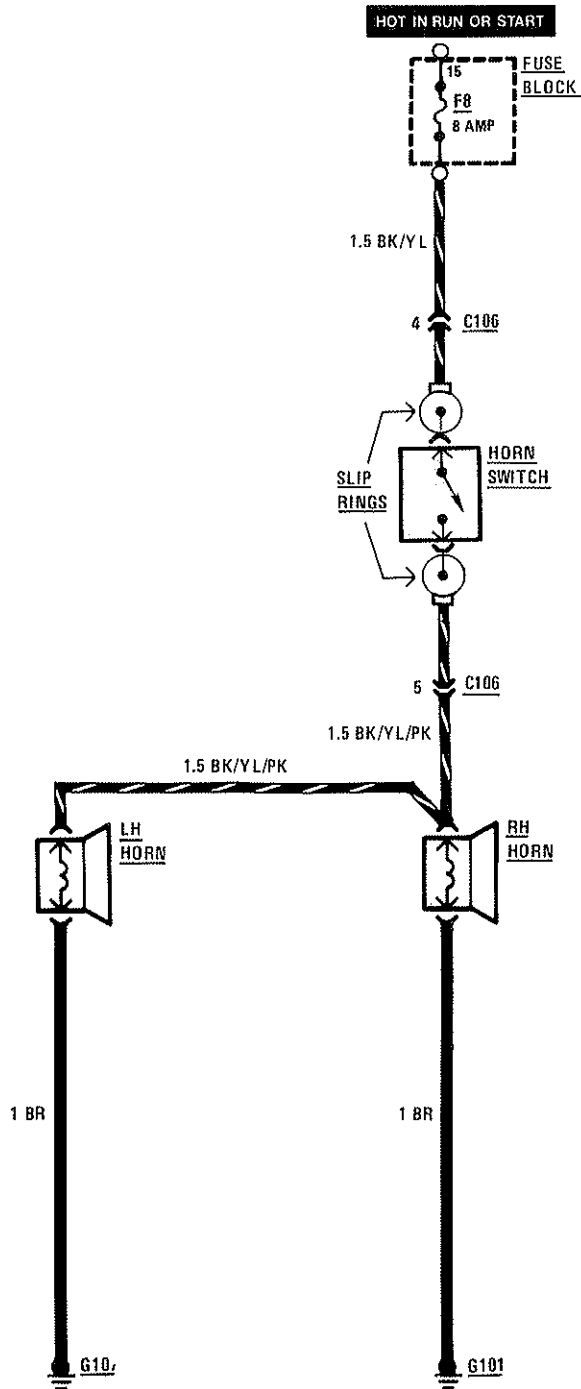
380 SL



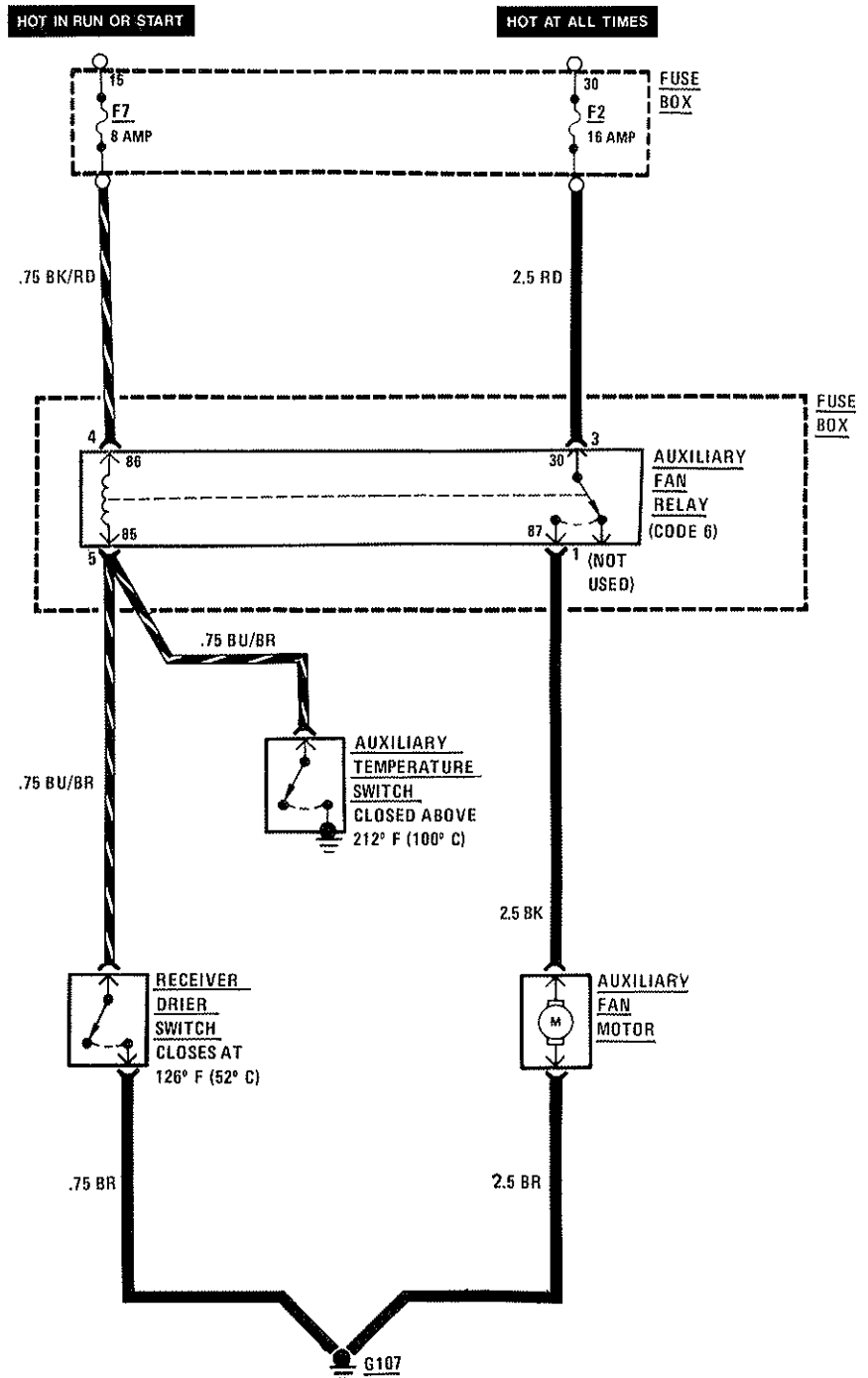
121
380
SL

HORNS

(For Component Locations See Page 203)



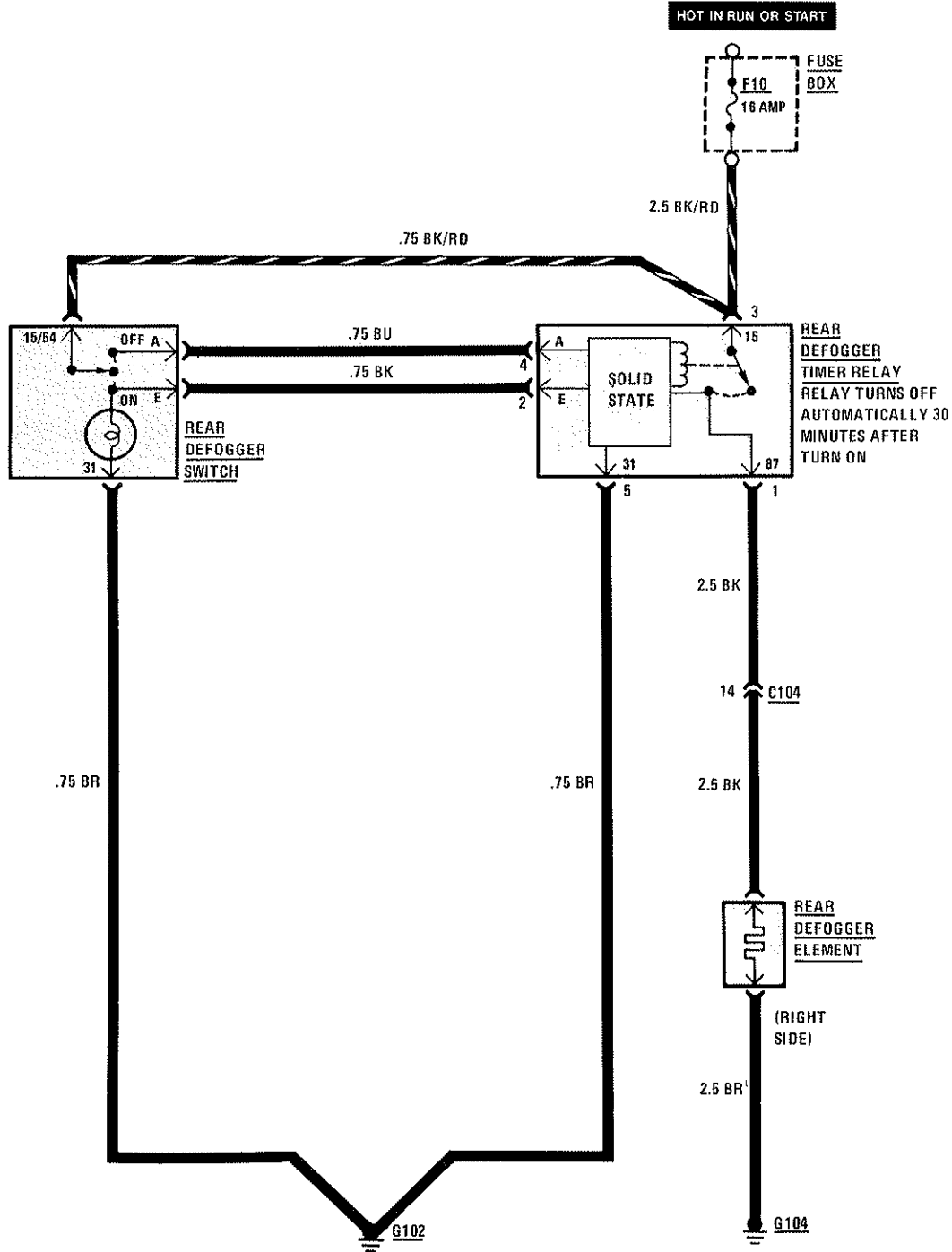
AUXILIARY FAN



123
380
SL

REAR DEFOGGER

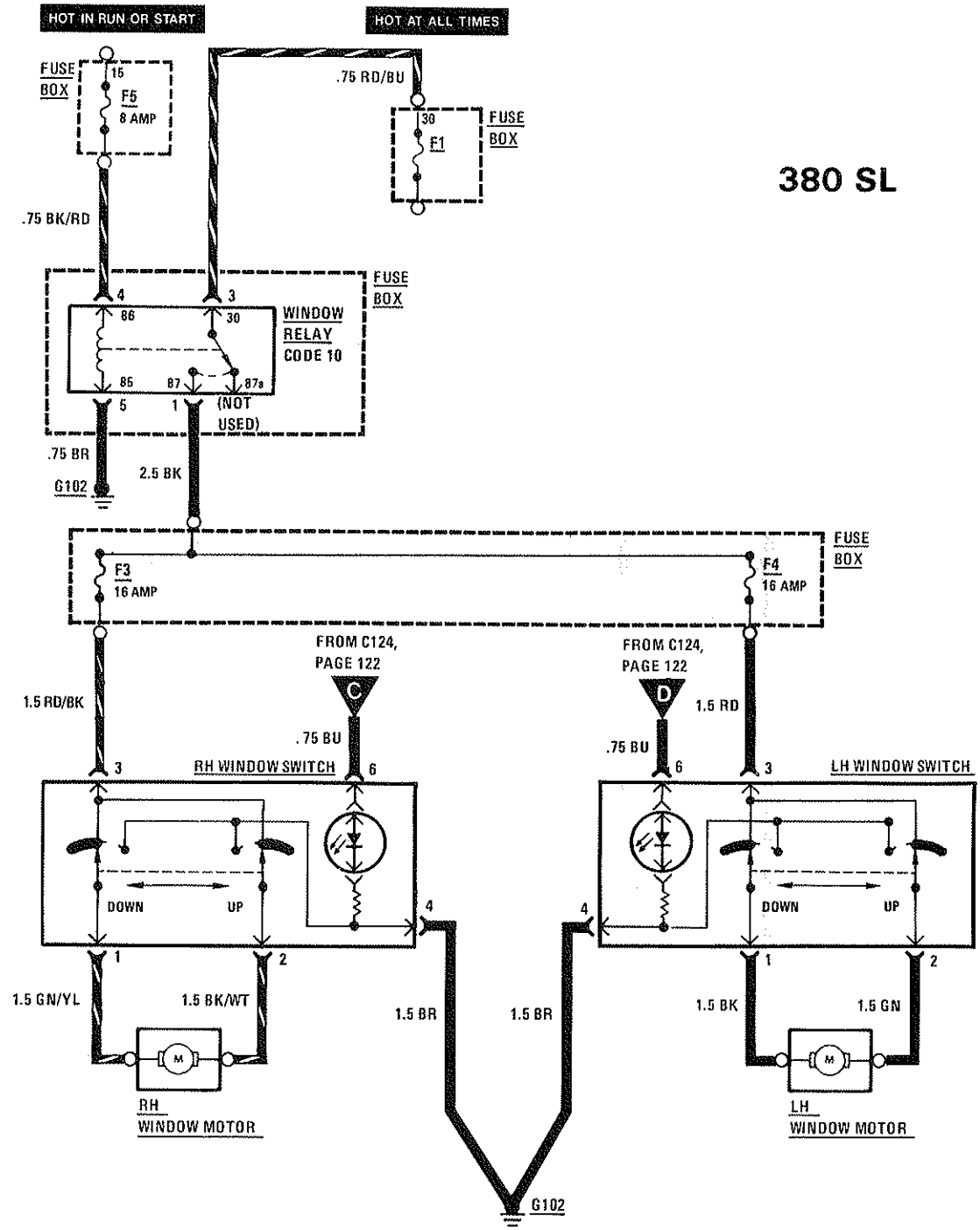
(For Component Locations See Page 205)



POWER WINDOWS

(For Component Locations See Page 205)

380 SL



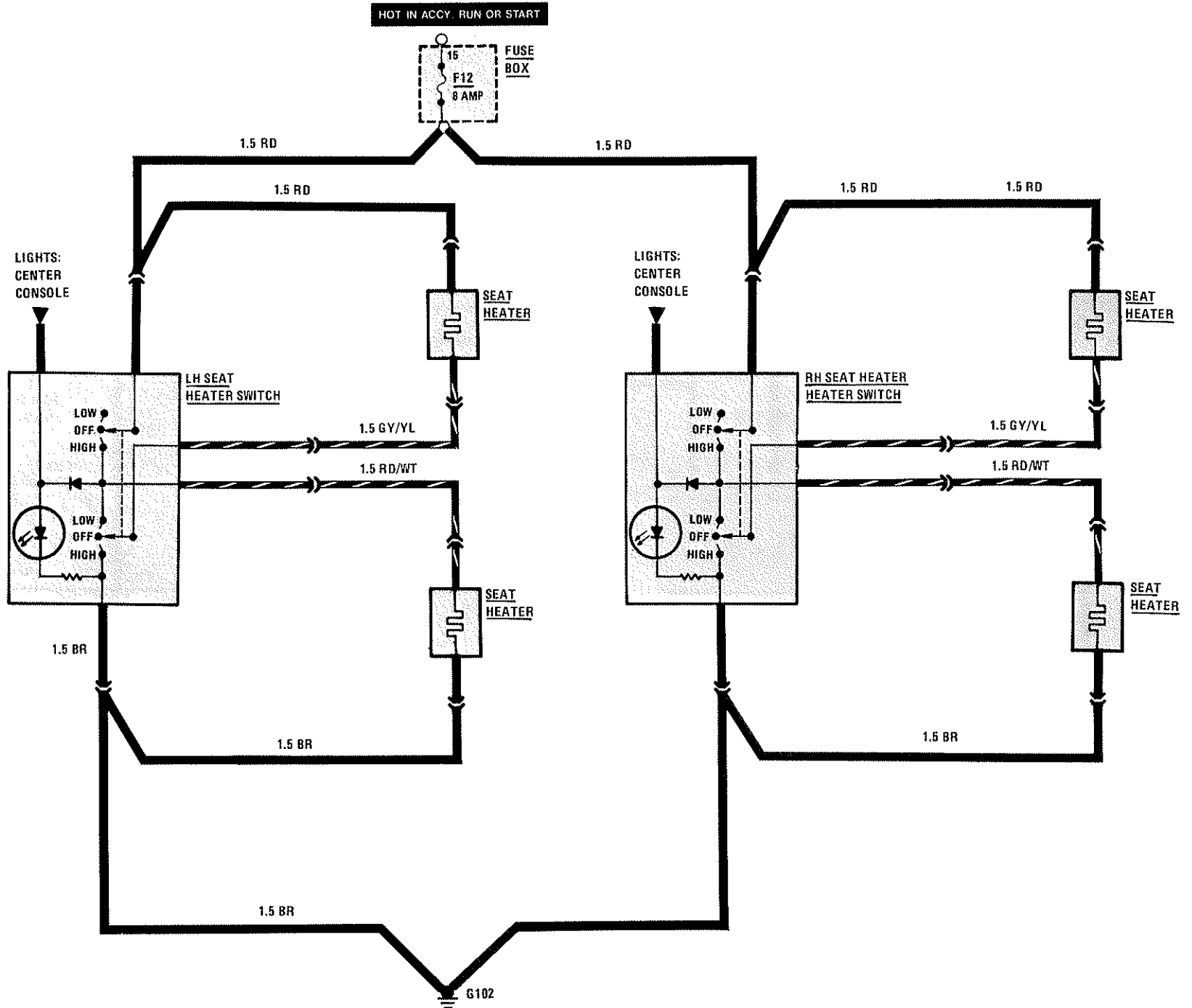
126

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SL

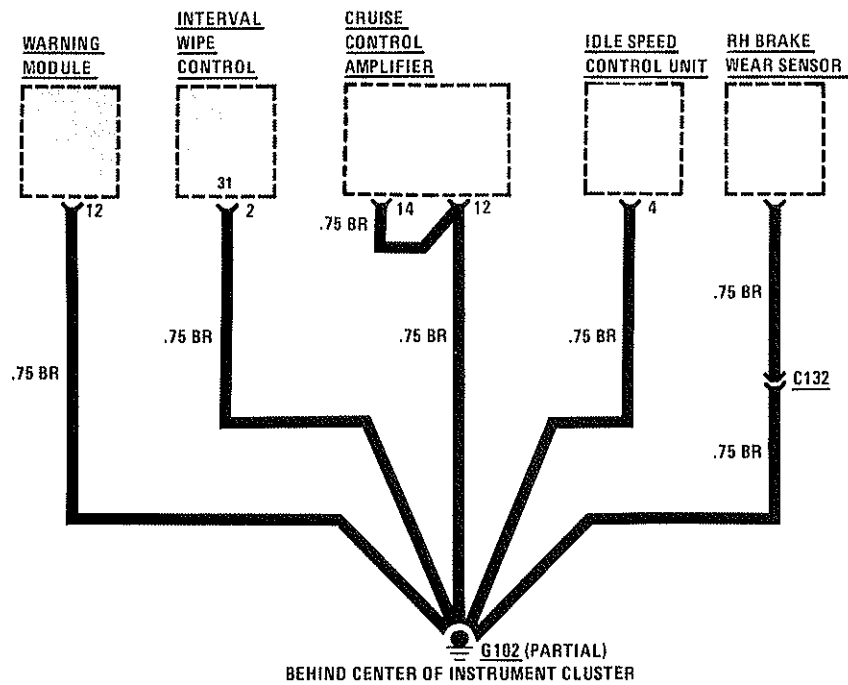
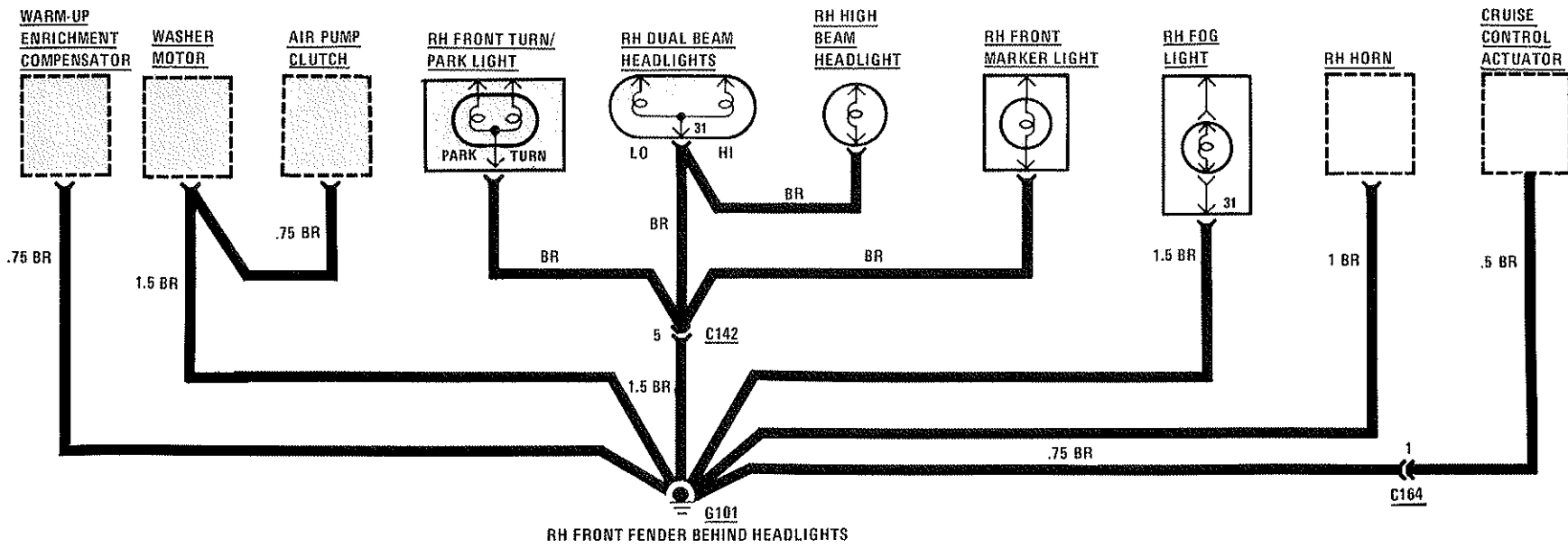
HEATED SEATS

(For Component Locations See Page 203)

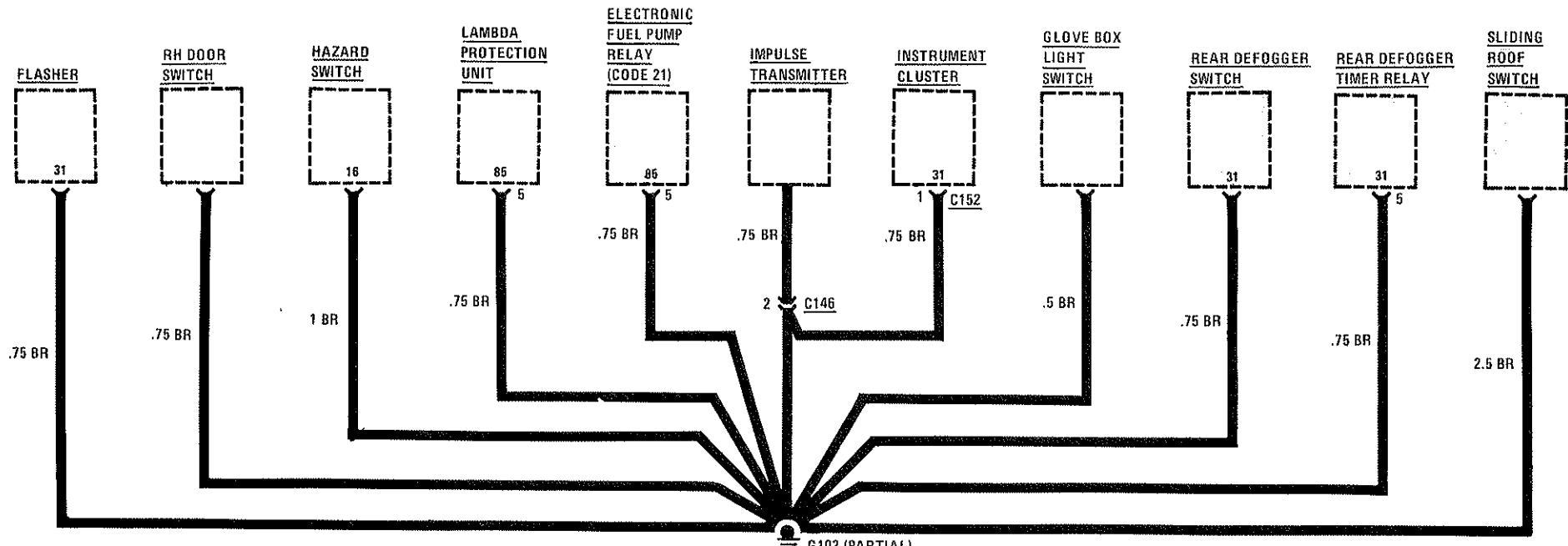


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380
SL

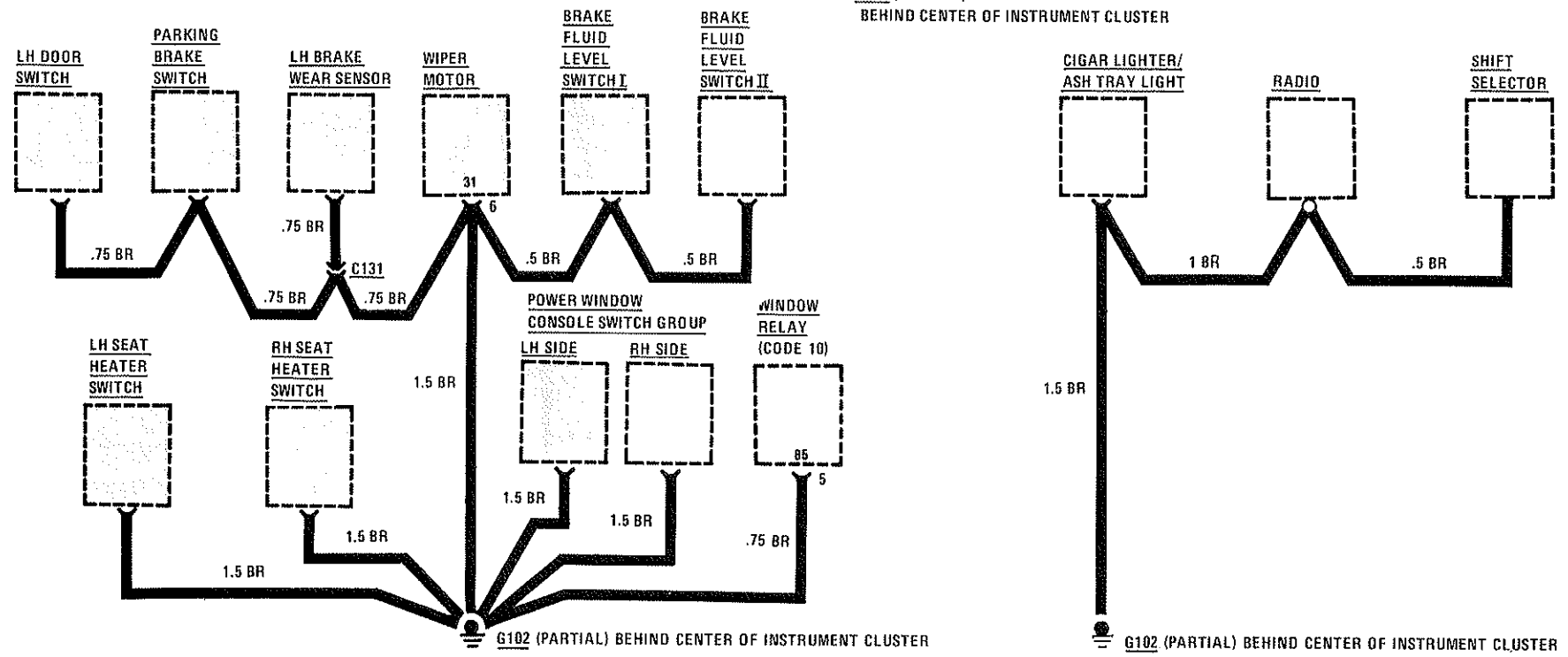
GROUND DISTRIBUTION



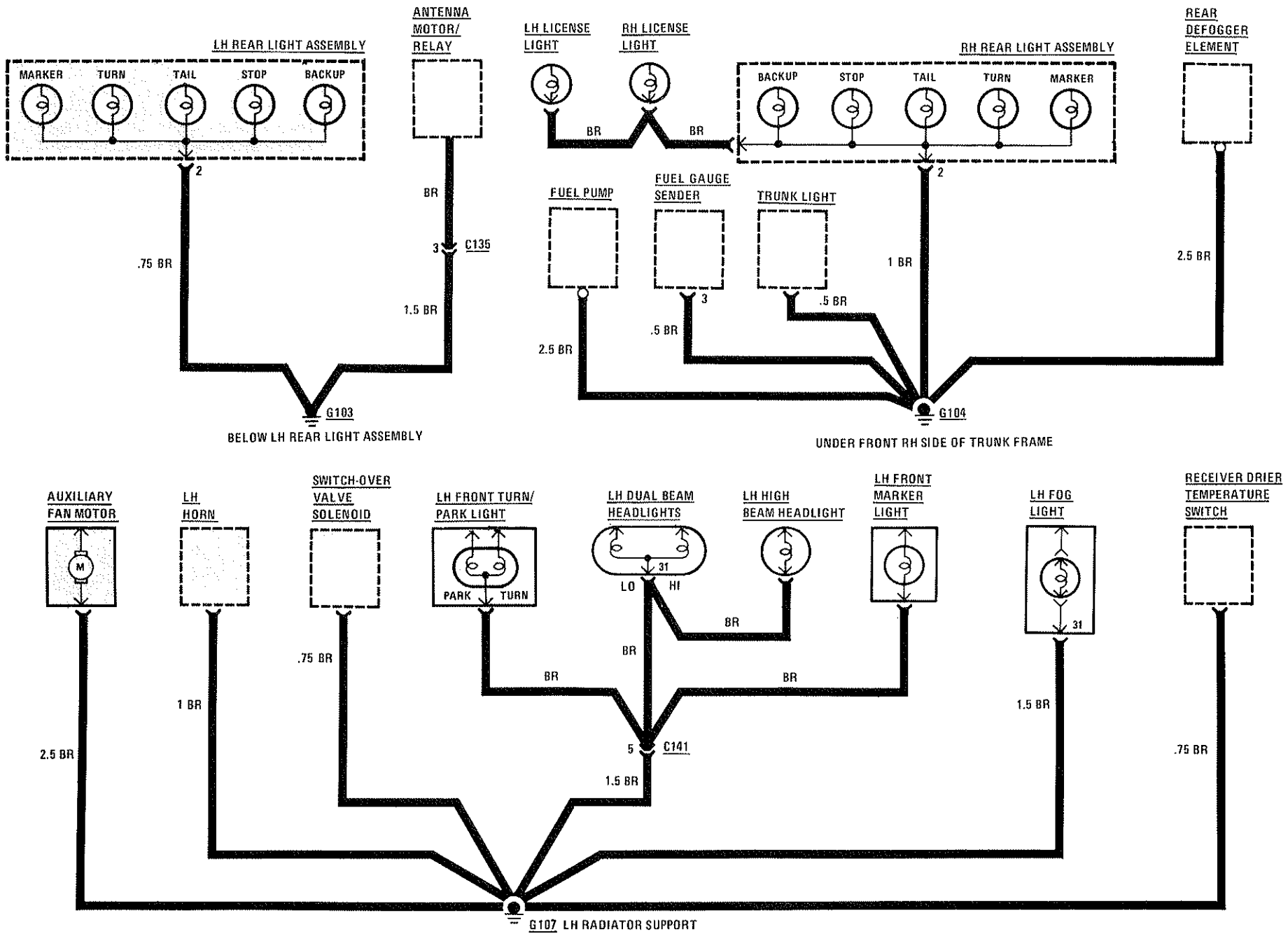
GROUND DISTRIBUTION



130
380
SL



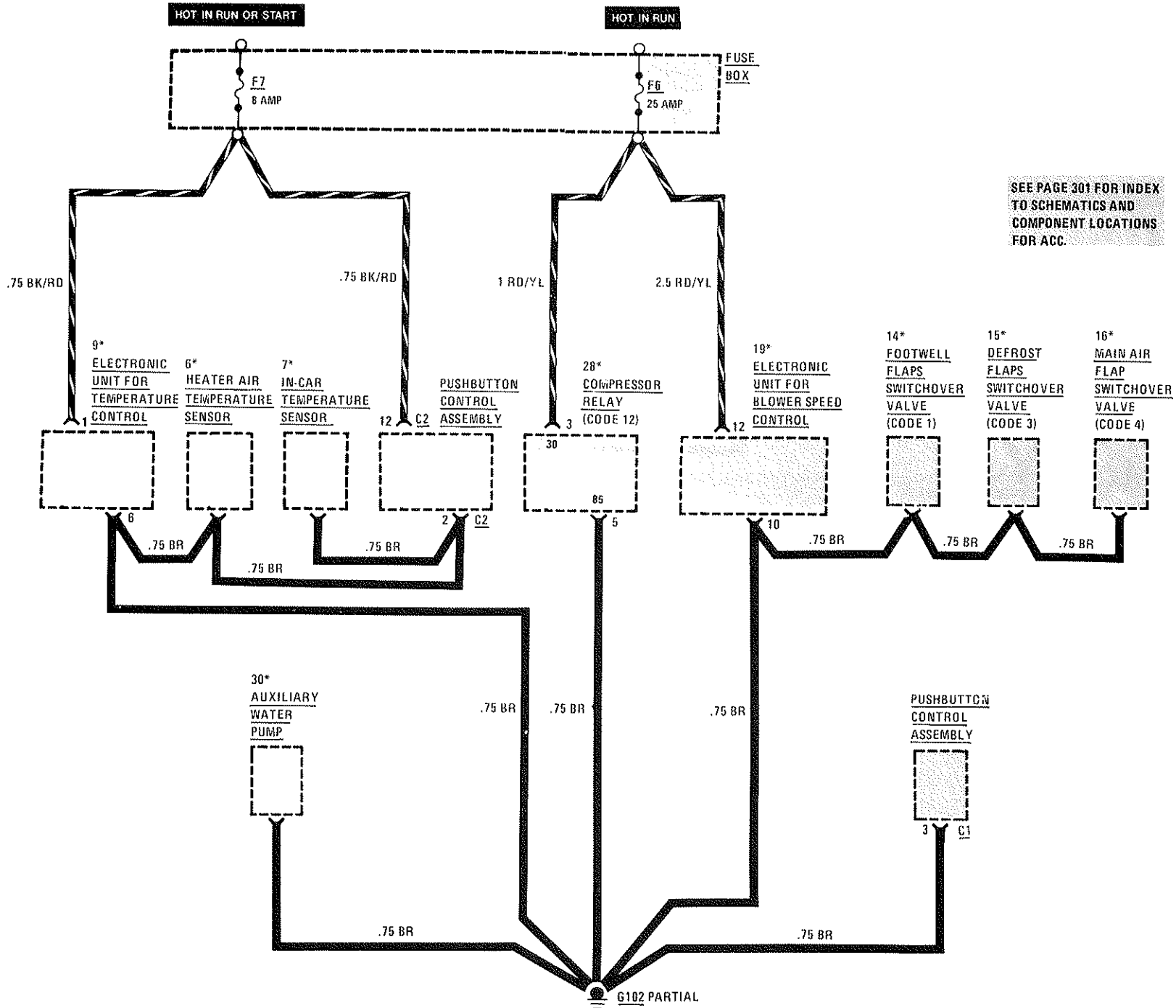
GROUND DISTRIBUTION



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380
SL

AUTOMATIC CLIMATE CONTROL AND GROUND DISTRIBUTION

(For Component Locations See Page 334)



SEE PAGE 301 FOR INDEX TO SCHEMATICS AND COMPONENT LOCATIONS FOR ACC.

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380
SL

COMPONENT LOCATIONS

AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION Page-Figure

Air Pump Clutch.....	Below alternator.....	209-2
Coolant Temperature Switch .	RH rear of engine.....	209-5
Fuse Block.....	Behind RH kick panel	100-1
Idle Speed Adjuster		
Solenoid	Top center of engine	201-2
Idle Speed Control Unit.....	Above passenger's footwell behind glove box.	201-1
Lambda Electronic Control		
Module (ECM)	Behind passenger's front kick panel.....	206-1
Switchover Valve Solenoid..	LH front wheel well	208-1
Washer Motor	Below washer fluid reservoir	
G101	RH front fender, behind headlights	
G102	Behind instrument cluster	
G107	LH radiator support	204-1

BACKUP LIGHTS/GLOVE BOX LIGHT/REAR DOME LIGHT

Fuse Box	Behind RH kick panel	100-1
Starter Lockout/Backup		
Light Switch.....	LH side of transmission	209-4
C104 (14 pins)	To right of parking brake support	
C146 (6 pin).....	RH side of driver's footwell	
G102	Behind instrument cluster	
G103	Below LH rear lights	204-2
G104	RH rear wheel well	210-2

CHARGING SYSTEM

Battery	RH side of trunk	205-2
Fuse Box	Behind RH kick panel	100-1
Ignition Switch	Instrument panel, right of steering column....	202-2
Starter Assembly	Lower RH rear of engine	
C101 (2 terminals)	RH front wheel well	206-2
C105 (2 terminals)	RH front wheel well	207-2
G100	To LH rear of battery	205-2

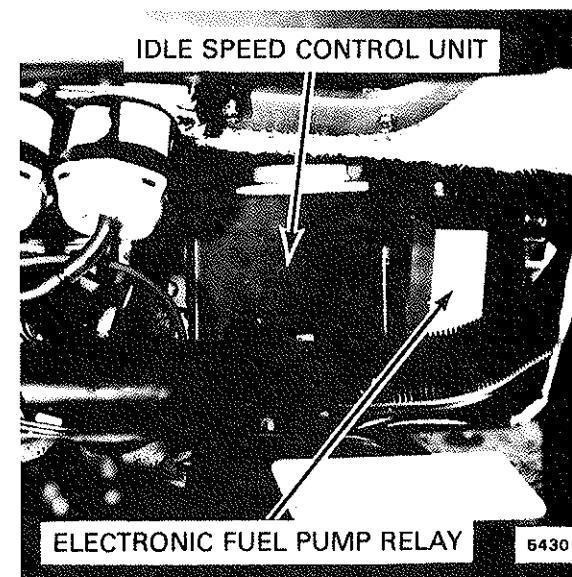


Figure 1 - Behind Glove Box

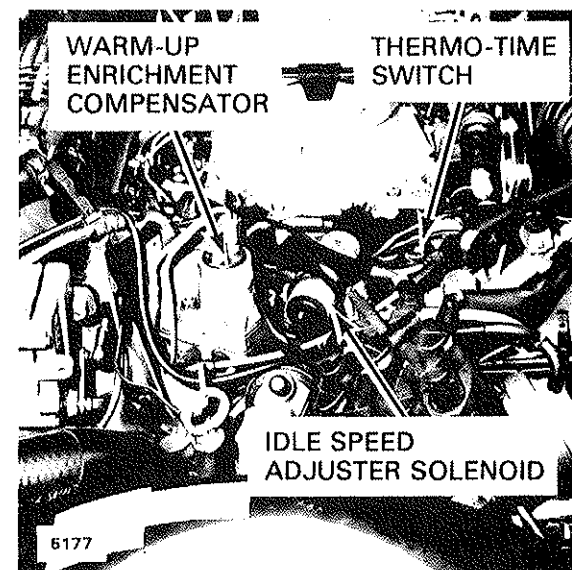


Figure 2 - Top of Engine

COMPONENT LOCATIONS

CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

		Page-Figure
Antenna Motor/Relay	Behind LH rear wheel well.....	203-1
Fuse Box	Behind RH kick panel	100-1
C104 (14 pins)	To right of parking brake support	
C135 (6 pins).....	Behind LH rear wheel well.....	203-1
C151 (15 pins)	Back of instrument cluster	210-3
G102	Behind instrument cluster	
G103	Below LH rear lights	204-2

COURTESY LIGHTS

Diagnostic Plug	Top of LH front wheel well	205-1
Door Switches	In each door jamb	
Fuse Box	Behind RH kick panel	100-1
Parking Brake Switch	On parking brake support	
Warning Module	To right of parking brake support	
Wiper Motor	Rear LH corner of engine	207-1
C116 (2 terminals)	LH front wheel well	
C131 (2 pins).....	LH front wheel well	207-1
G102	Behind instrument cluster	

HEADLIGHTS/FOG LIGHTS

Combination Switch	Upper LH side of steering column.....	202-2
Fuse Box	Behind RH kick panel	100-1
Wiper Motor	Rear LH corner of engine	207-1
C106 (14 pins)	To left of brake pedal support	
C141 (6 pins).....	Behind LH headlight assembly	
C142 (6 pins).....	Behind RH headlight assembly	
C146 (6 pins).....	RH side of driver's footwell	
G101	RH front fender, behind headlights	
G102	Behind instrument cluster	
G107	LH radiator support	204-1

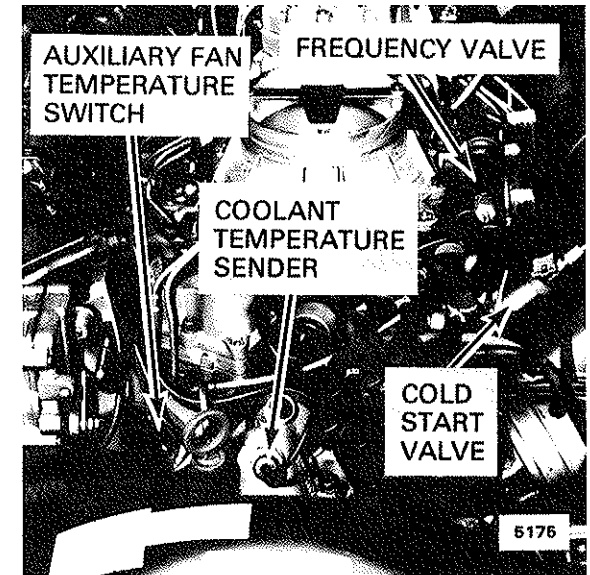


Figure 1 - Top of Engine

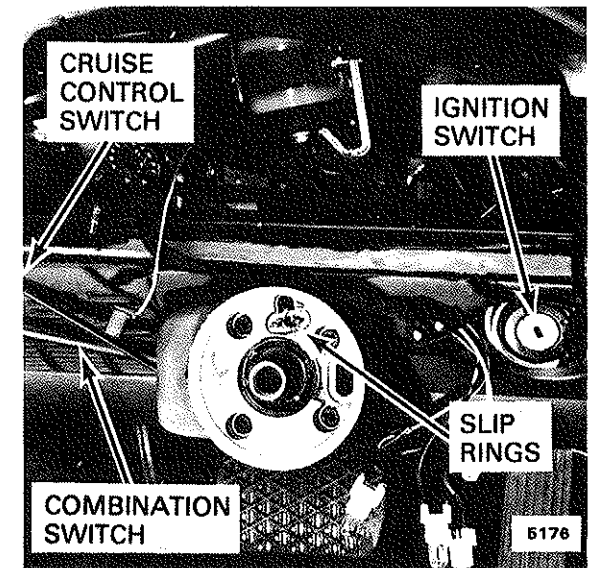


Figure 2 - LH Side of Instrument Panel

COMPONENT LOCATIONS

HEATED SEATS

		Page-Figure
Fuse Box	Behind RH kick panel	100-1
Seat Heaters	In each seat cushion	
Seat Heater Switches	On center console	
G102	Behind instrument cluster	

HORNS/AUXILIARY FAN

Auxiliary Fan		
Temperature Switch	In water outlet, top front of engine	202-1
Auxiliary Fan Motor	Front of radiator	
Fuse Box	Behind RH kick panel	100-1
Horn Switch	In steering wheel	
Receiver Drier Temperature		
Switch	LH side of radiator	204-1
Slip Rings	Behind center of steering wheel	202-2
C106 (14 pins)	To left of brake pedal support	
G101	RH front fender, behind headlights	
G107	LH radiator support	204-1

IGNITION/FUEL DELIVERY/TRANSMISSION KICKDOWN

Diagnostic Plug	Top of LH front wheel well	205-1
Electronic Fuel Pump Relay ..	Behind glove box	201-1
Fuel Pump	Under car, behind differential	209-1
Ignition Coil	Between LH front wheel well and LH headlight	208-1
Ignition Switching Unit	Ahead of LH front wheel well	208-1
Transmission Kick-Down		
Solenoid	RH front of transmission	209-3
Transmission Kick-Down		
Switch	Under accelerator pedal	
Warm-Up Enrichment		
Compensator	Top front of engine	201-2
C104 (14 pins)	To right of parking brake support	
C105 (2 terminals)	RH front wheel well wheel well	207-2
C116 (2 terminals)	LH front wheel well	
C146 (6 pins)	RH side of driver's footwell	

Page-Figure

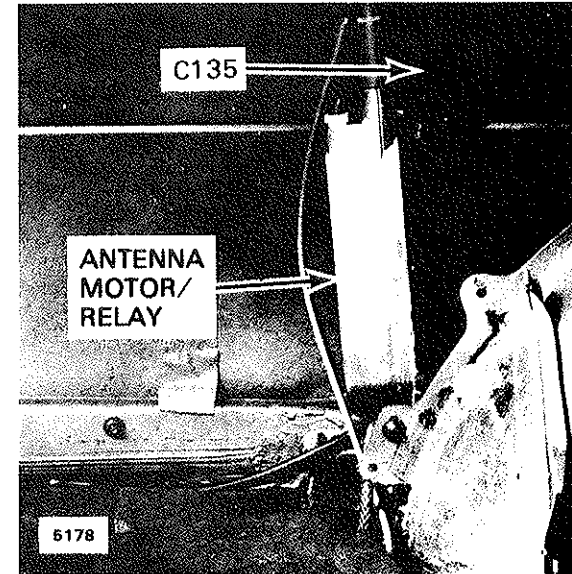


Figure 1 - Behind LH Rear Wheel Well

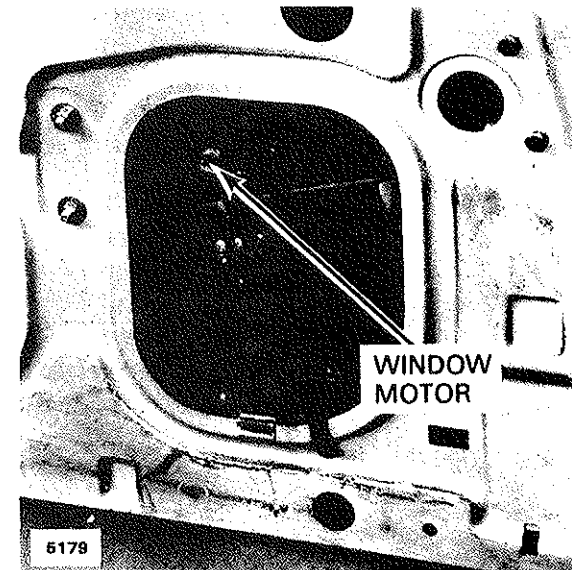


Figure 2 - Driver's Door

203
380
SL

COMPONENT LOCATIONS

ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE Page-Figure

Fuse Box	Behind RH kick panel	100-1
Hazard Switch	On center console	
Flasher	In center console forward of shift lever	
C124 (1 terminal)	Behind upper console	
C146 (6 pins).....	RH side of driver's footwell	
C151 (15 pins, round).....	On rear of instrument cluster	210-3
C152 (4 pins).....	On rear of instrument cluster	210-3
G102	Behind instrument cluster	

LAMBDA CONTROL

Diagnostic Plug.....	Top of LH front wheel well	205-1
Frequency Valve.....	Between LH valve cover and air flow sensor ..	202-1
Fuse Box	Behind RH kick panel	100-1
Lambda Electronic Control		
Module (ECM)	Behind passenger's front kick panel.....	206-1
Oil Temperature Switch	Beside oil filter	210-1
Oxygen Sensor	On exhaust pipe, below primary catalyst	
Throttle Switch	On side of throttle valve housing	
C105 (2 terminals)	RH front wheel well	207-2
C143 (coaxial)	Near oxygen sensor.....	210-5
C144 (3 pins).....	On washer reservoir	
G102	Behind instrument cluster	
G108	Front of engine, at lifting bracket	210-5

LIGHTS: MARKER/LICENSE/TRUNK

Fuse Box	Behind RH kick panel	100-1
C104 (14 pins)	To right of parking brake support	
C135 (6 pins).....	Behind LH rear wheel well.....	203-1
C141 (6 pins).....	Behind LH headlight assembly	
C142 (6 pins).....	Behind RH headlight assembly	
G101	RH front fender, behind headlights	
G103	Below LH rear lights	204-2
G104	RH rear wheel well	210-2
G107	LH radiator support	204-1

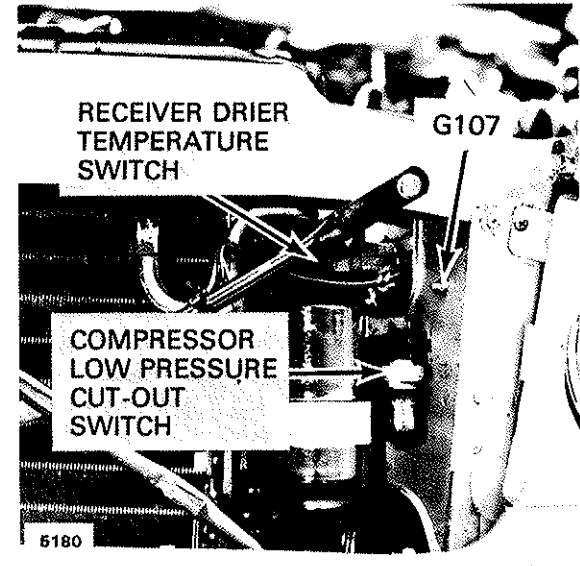


Figure 1 - LH Radiator Support

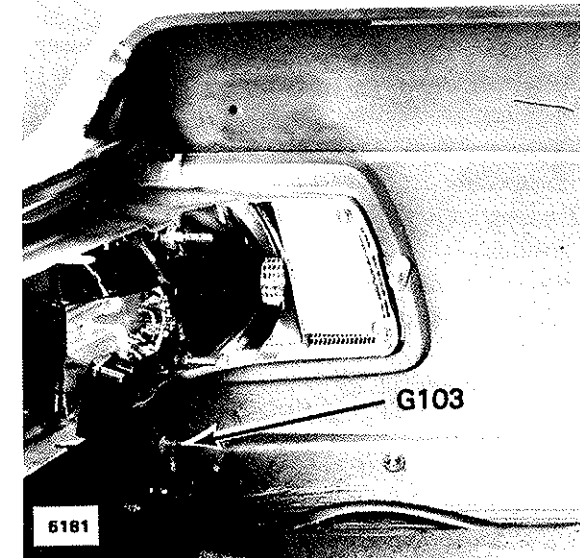


Figure 2 - Below LH Rear Lights

COMPONENT LOCATIONS

LIGHTS: PARK/TAIL

		Page-Figure
Fuse Box	Behind RH kick panel	100-1
C104 (14 pins)	To right of parking brake support	
C141 (6 pins).....	Behind LH headlight assembly	
C142 (6 pins).....	Behind RH headlight assembly	
G101	RH front fender, behind headlights	
G103	Below LH rear lights	204-2
G104	RH rear wheel well	210-2
G107	LH radiator support	204-1

POWER DISTRIBUTION

Fuse Box	Behind RH kick panel	100-1
Starter Assembly	Lower RH rear of engine	
C101 (2 terminals)	RH front wheel well	206-2
C104 (14 pins)	To right of parking brake support	
C105 (2 terminals)	RH front wheel well	207-2
G100	LH rear corner of battery	205-2

POWER WINDOWS

Fuse Box	Behind RH kick panel	100-1
Window Motors	Below each window.....	203-2
Window Relay	LH side of passenger's footwell	
G102	Behind instrument cluster	

REAR DEFOGGER

Fuse Box	Behind RH kick panel	100-1
Rear Defogger Timer Relay ..	To right of parking brake support	
C104 (14 pins)	To right of parking brake support	
G102	Behind instrument cluster	
G104	RH rear wheel well	210-2

Page-Figure

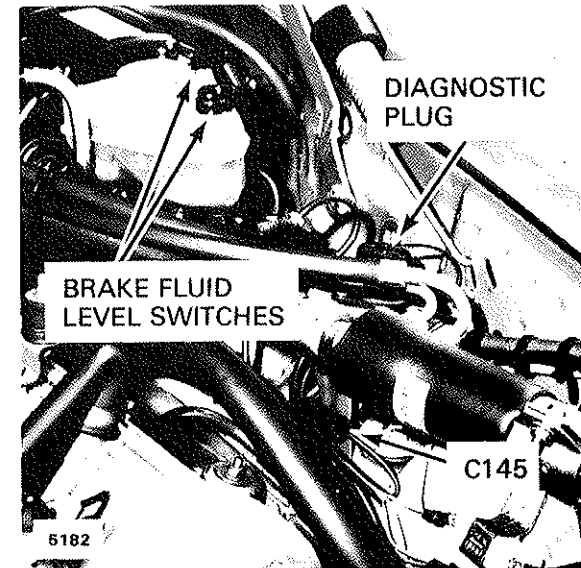


Figure 1 - LH Front Wheel Well

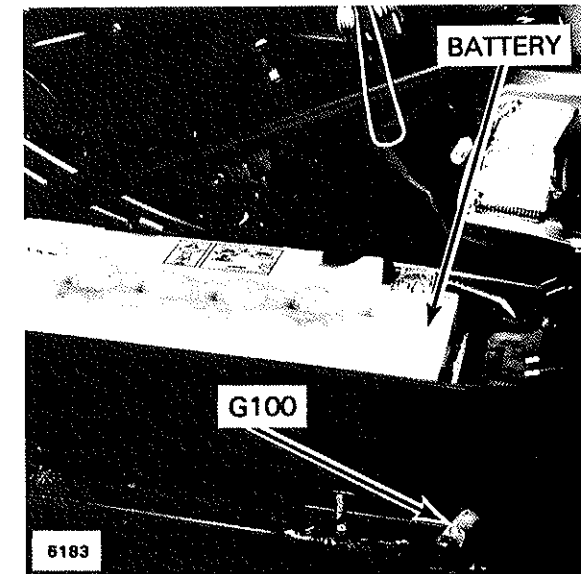


Figure 2 - RH Side of Trunk

COMPONENT LOCATIONS

START

		Page-Figure
Cold-Start Valve	Near front of LH valve cover	202-1
Electronic Fuel Pump Relay	Behind glove box	201-1
Fuse Box	Behind RH kick panel	100-1
Ignition Switch	Instrument panel, right of steering column ..	202-2
Starter Assembly	Lower RH rear of engine	
Starter Lockout/Backup		
Light Switch	LH side of transmission	209-4
Thermo-Time Switch	Top of engine, in front of air horn	201-2
C101 (2 terminals)	RH front wheel well	206-2
C105 (2 terminals)	RH front wheel well	207-2
G100	LH rear corner of battery	205-2

STOPLIGHTS/CRUISE CONTROL

Brake Switch	Top of brake pedal support	
Cruise Control Actuator	RH front corner of engine compartment	210-4
Cruise Control Amplifier	Between parking brake and brake support	
Cruise Control Switch	Upper LH side of steering column	202-2
Fuse Box	Behind RH kick panel	100-1
C104 (14 pins)	To right of parking brake support	
C140 (6 pins)	Near cruise control amplifier	
C146 (6 pins)	RH side of driver's footwell	
C151 (15 pins, round)	On rear of instrument cluster	210-3
C152 (4 pins)	On rear of instrument cluster	210-3
C164 (8 pins)	Behind RH headlights	
G101	Behind RH headlights	
G102	Behind instrument cluster	
G103	Below LH rear light assembly	204-2
G104	RH rear wheel well	210-2

TURN SIGNAL/HAZARD LIGHTS

Combination Switch	Upper LH side of steering column	202-2
Flasher	In center console forward of shift lever	
Fuse Block	Behind RH kick panel	100-1
Hazard Switch	On center console	
C104 (14 pins)	To right of parking brake support	
C106 (14 pins)	To left of brake pedal support	
C141 (6 pins)	Behind LH headlight assembly	
C142 (6 pins)	Behind RH headlight assembly	

(Chart continued on next page)

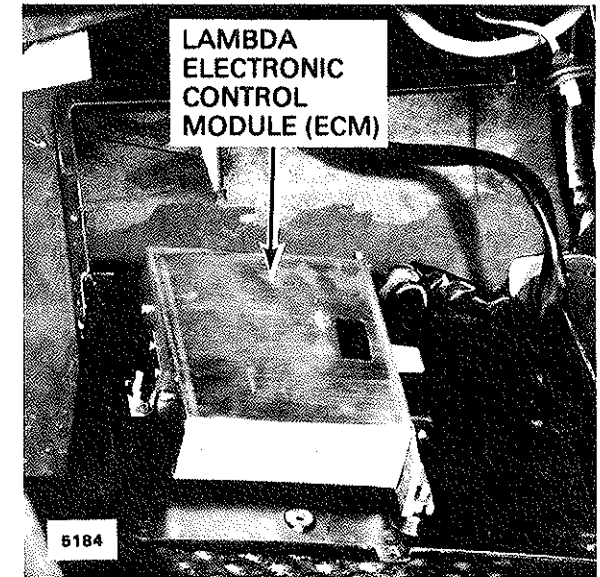


Figure 1 - Passenger's Footwell



Figure 2 - Rear RH Corner Of Engine

COMPONENT LOCATIONS

TURN SIGNAL/HAZARD LIGHTS (continued)

		Page-Figure
C146 (6 pins).....	RH side of driver's footwell	100-1
C151 (15 pins, round)	On rear of instrument cluster	210-3
C152 (4 pins).....	On rear of instrument cluster	210-3
G101	Behind RH headlights	
G102	Behind instrument cluster	
G103	Below LH rear lights	204-2
G104	RH rear wheel well	210-2
G107	LH radiator support	204-1

WARNING INDICATORS/GAUGES/CLOCK

Brake Wear Sensors.....	In each front brake	
Coolant Temperature Sender	On water outlet	202-1
Diagnostic Plug	Top of LH front wheel well	205-1
Fuel Gauge Sender		
(380 SL)	Behind rear seat, under top boot	
Fuse Box	Behind RH kick panel	100-1
Ignition Distributor	On front top of engine	
Ignition Switching Unit.....	Ahead of LH front wheel well	208-1
Impulse Transmitter	Rear of LH side of transmission	209-4
Oil Pressure Sender	Above oil filter.....	
Wiper Motor	Rear LH corner of engine	207-1
C104 (14 pins)	To right of parking brake support	
C116 (2 terminals)	On front of LH front wheel well	
C131 (2 pins).....	On top of LH front wheel well	207-1
C132 (2 pins).....	Behind RH front wheel well	
C146 (6 pins).....	RH side of driver's footwell	
C151 (15 pins, round)	On rear of instrument cluster	210-3
C152 (4 pins).....	On rear of instrument cluster	210-3
G102	Behind instrument cluster	
G104	RH rear wheel well	210-2
G106	Ignition coil mounting bracket	

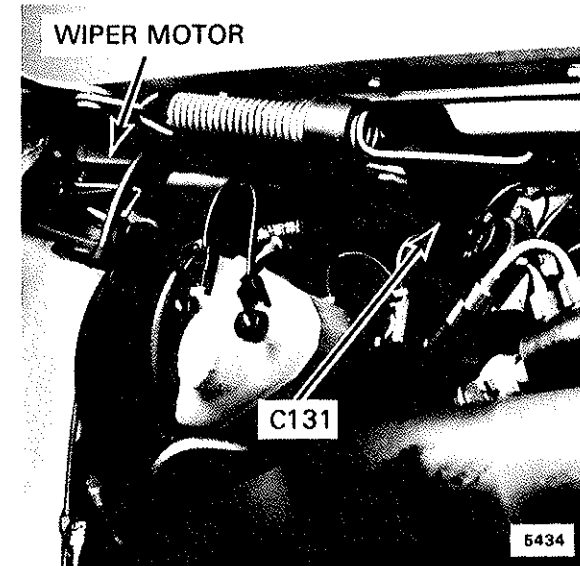


Figure 1 - Above Brake Pedal

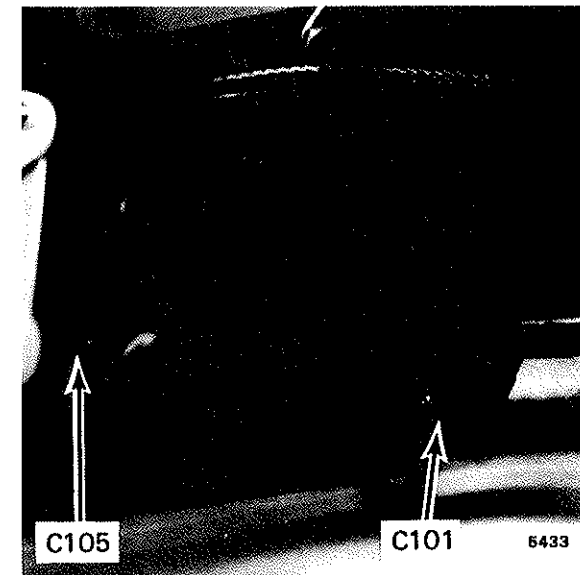


Figure 2 - RH Front Wheel Well

COMPONENT LOCATIONS

WARNING SYSTEM

		Page-Figure
Brake Fluid Level		
Switches	Brake fluid reservoir	205-1
Brake Wear Sensors	In each front brake pad	
Door Switches	In each door jamb	
Driver's Seatbelt Switch	Part of driver's seatbelt assembly	
Fuse Box	Behind RH kick panel	100-1
Key Warning Switch	Part of ignition switch	208-2
Parking Brake Switch	On parking brake support	
Warning Module	Above brake pedal	
Wiper Motor	Rear LH corner of engine	207-1
C131 (2 pins)	On top of LH front wheel well	
C151 (15 pins, round)	On rear of instrument cluster	210-3
C152 (4 pins)	On rear of instrument cluster	210-3
C166 (2 pins)	Under driver's seat	
G102	Behind instrument cluster	

WIPER/WASHER

Combination Switch	Upper LH side of steering column	202-2
Fuse Box	Behind RH kick panel	100-1
Interval Wipe Control	Behind instrument cluster	
Washer Motor	Below washer fluid reservoir	
Wiper Motor	Rear LH corner of engine	207-1
C106 (14 pins)	To left of brake pedal support	
G101	RH front fender, behind headlights	
G102	Behind instrument cluster	

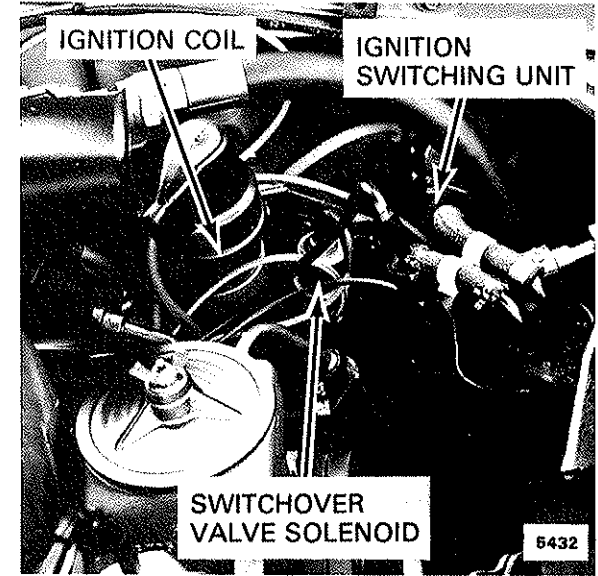


Figure 1 - LH Front Wheel Well

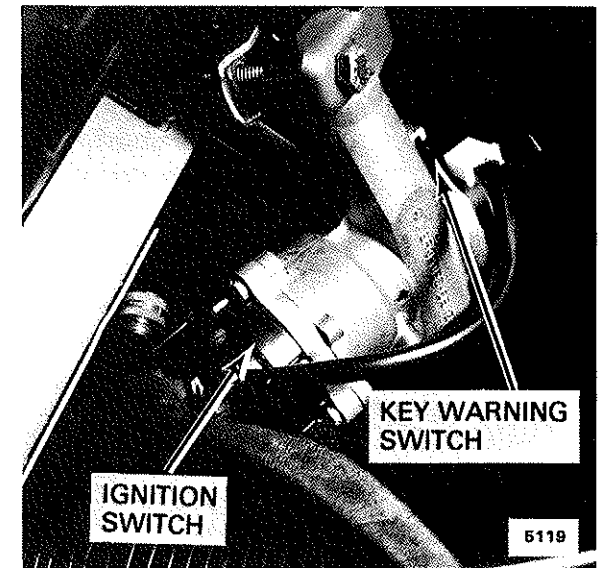


Figure 2 - Behind Instrument Panel

COMPONENT LOCATIONS

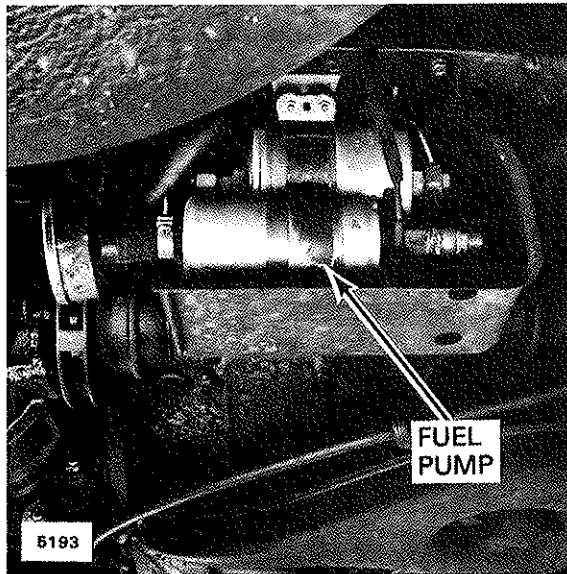


Figure 1 - Behind Differential

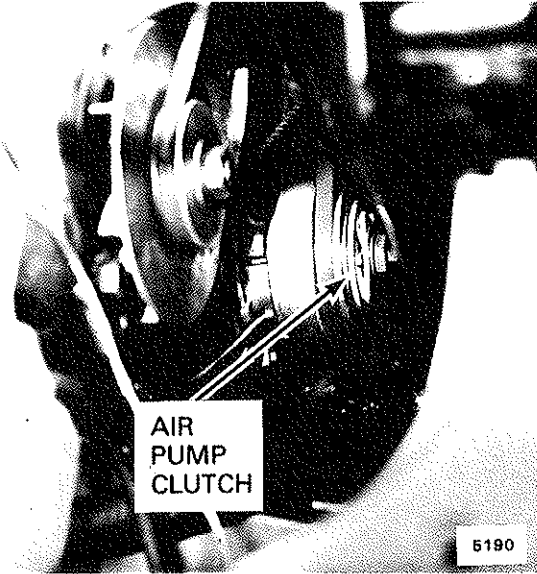


Figure 2 - Lower Front of Engine

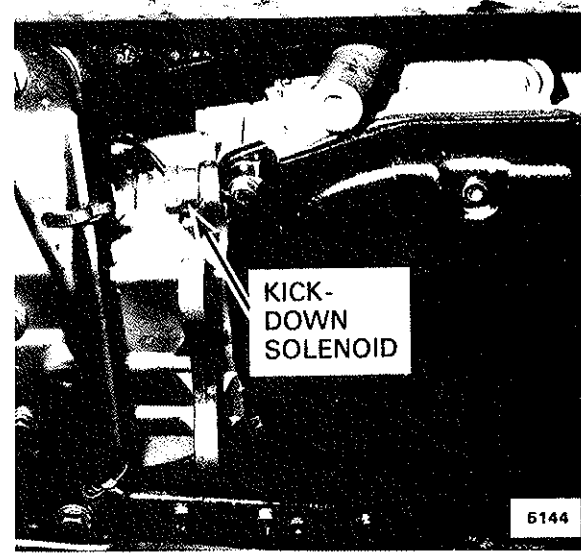


Figure 3 - RH Side of Transmission

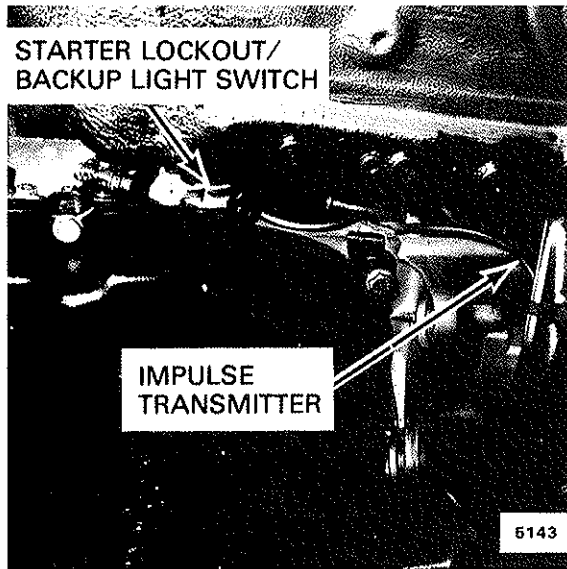


Figure 4 - LH Side of Transmission

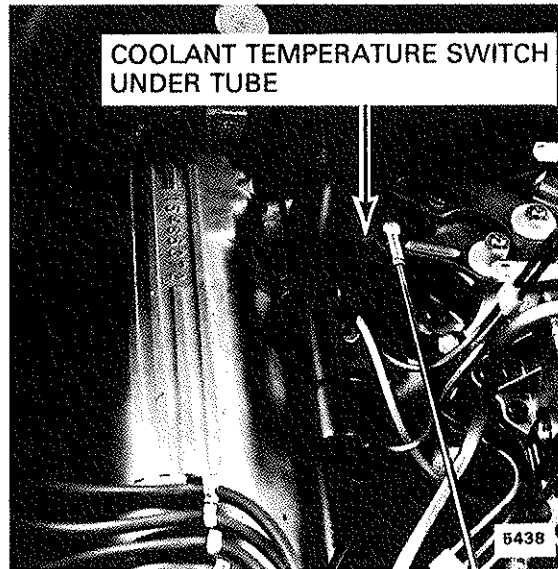


Figure 5 - RH Rear of Engine

COMPONENT LOCATIONS

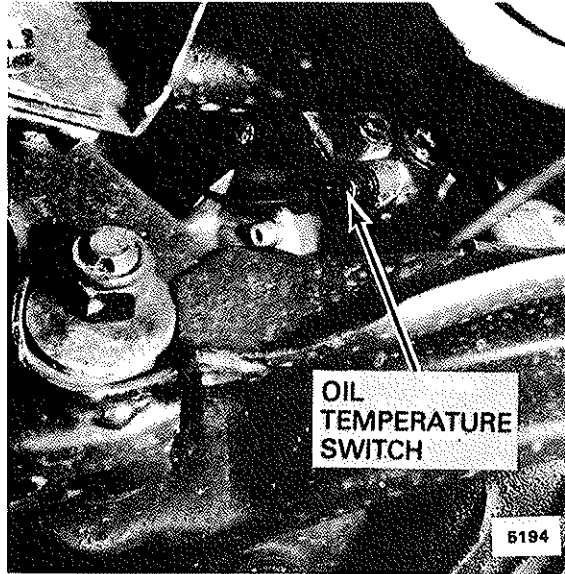


Figure 1 - Base of Oil Filter

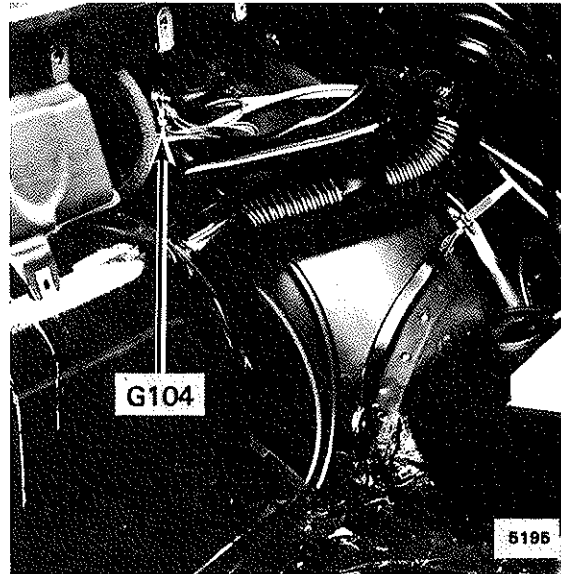


Figure 2 - Front RH Side of Trunk

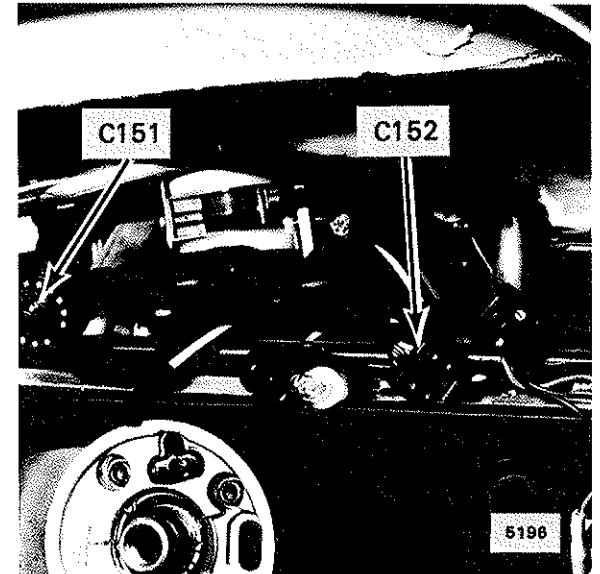


Figure 3 - Behind Instrument Cluster

210
380
SL

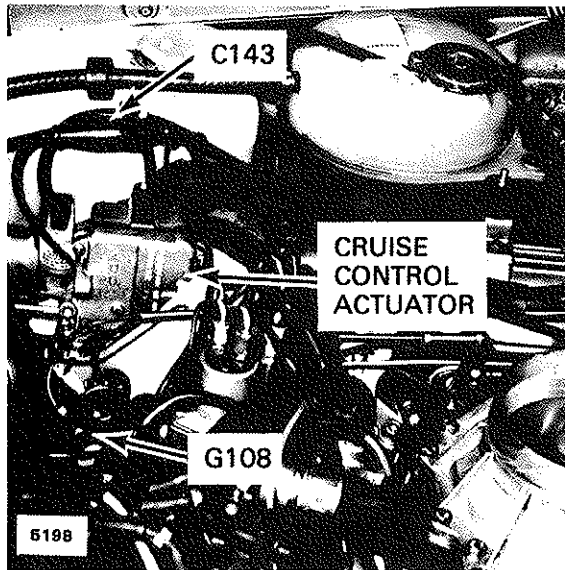


Figure 4 - RH Front Of Engine

INDEX

1982 SALES DESIGNATIONS	MODEL
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380 SEC.....	126.043

INDEX - Alphabetical Listing of Electrical Circuits

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Automatic Antenna	136.....	202	—Headlights	111.....	203
Automatic Climate Control ...	127.....	323	—Instrument Cluster	122.....	204
Auxiliary Fan	126.....	201	—License	115.....	204
Central Locking System	137.....	202	—Marker	115.....	204
Charging System	110.....	202	—Park	114.....	205
Cigar Lighter (Front)	136.....	202	—Stop	113.....	207
Cigar Lighter (Rear)	147.....	208	—Tail	114.....	205
Clock	118.....	208	—Trunk	147.....	208
Cruise Control	113.....	207	—Turn Signal	112.....	208
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Fuse Information	102		Power Seats	132.....	205
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Lambda Control	108.....	204	System	146.....	206
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—Fog Lights	111.....	203	Transmission Kickdown	107.....	203
—Glove Box	124.....	201	Warning Indicators	116.....	208
—Hazard	112.....	208	Warning System	119.....	209
			Wiper/Washer	125.....	209



Fuse-Circuit List

Fuse		Circuits Protected	Page
No.	Amps (color)		
1	8(WT)	Lights: Marker/License	115
		Lights: Park/Tail (RH)	114
		Warning System	119
		Illumination: Instrument Cluster/ Center Console	122
		Radio	136
2	8(WT)	Headlights (RH High Beam)	111
3	8(WT)	Lights: Park/Tail (LH)	114
4	8(WT)	Headlights (LH High Beam)	111
5	25(BU)	Power Seats	128
6	16(PK)	Headlights (RH Low Beam)/Fog Lights	111
7	16(PK)	Headlights	111
		Wiper/Washer	125
		Power Windows	128
		RH Outside Mirror	139
		Power Seats	131
8	8(WT)	Headlights (LH Low Beam)	111
9	8(WT) 16(PK)*	Glove Box Light	124
		Wiper/Washer	125
		Cigar Lighter/Radio	136
		*With Heated Seats (Front)	138
10	8(WT)	Backup Lights	124
		Auxiliary Fan	126
		Automatic Climate Control	127

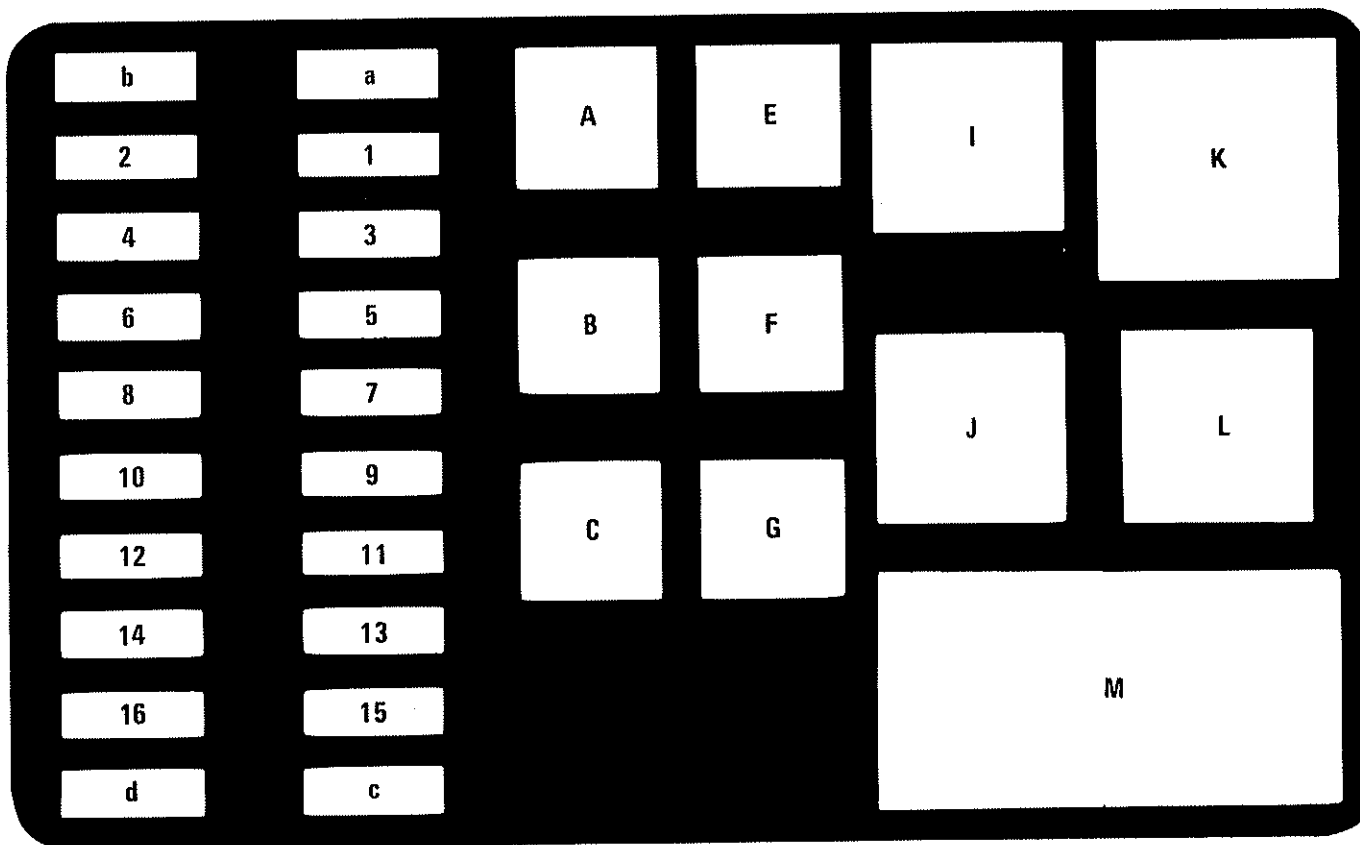
Fuse		Circuits Protected	Page
No.	Amps (color)		
11	25(BU)	Automatic Climate Control	127
12	8(WT)	Stoplights/Cruise Control	113
		Warning Indicator/Gauges	116
		Turn Signal/Lights	112
		Warning System	119
13	8(WT)	Seat Backrest Locking System	146
		Clock	118
		Radio	136
		Central Locking System	137
		Hazard Lights	112
14	25(BU)	Rear Cigar Lighter	147
		Rear Defogger	135
		Heated Seats (Rear)	138
		Horns	124
		Seatbelt Extenders Warning System	144 119
15	8(WT)	Seatbelt Extenders	144
		Trunk Light	147
		Courtesy Lights	140
		Automatic Antenna	136
		Warning System	119
16	16(PK)	Rear Seat Adjustment	134
		Sliding Roof	135
a	16(PK)	Power Windows	128
b	16(PK)	Power Windows	128
c	16(PK)	Auxiliary Fan	126
d	25(BU)	Power Seats	132

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SEL/SEC

FUSE BOX

FUSES
(SEE FACING PAGE)



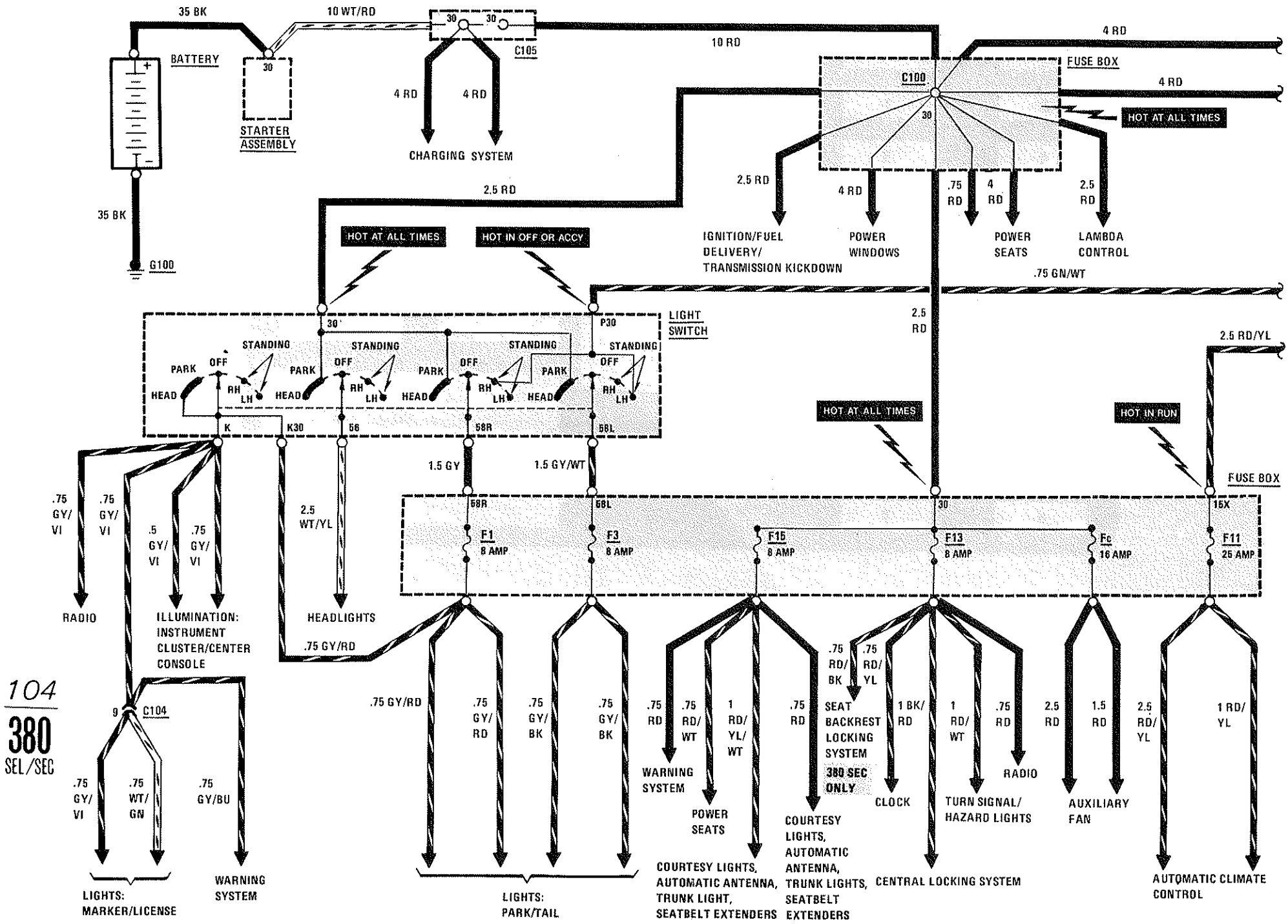
RELAYS
(SEE BELOW)

RELAY CODE	RELAY USE
A	Seat Control Relay (Power Seats)
B	High Speed Relay (Auxiliary Fan)
C	Low Speed Relay (Auxiliary Fan)
E	Power Separation Relay (Power Seats)
F	Window Relay (Power Windows)

RELAY CODE	RELAY USE
G	Air Injection Relay (Air Injection Management)
I	Lambda Protection Relay
J	Compressor Relay (ACC)
K	Rear Defogger Timer Relay
L	Interval Wipe Control
M or *	Electronic Fuel Pump Relay

POWER DISTRIBUTION

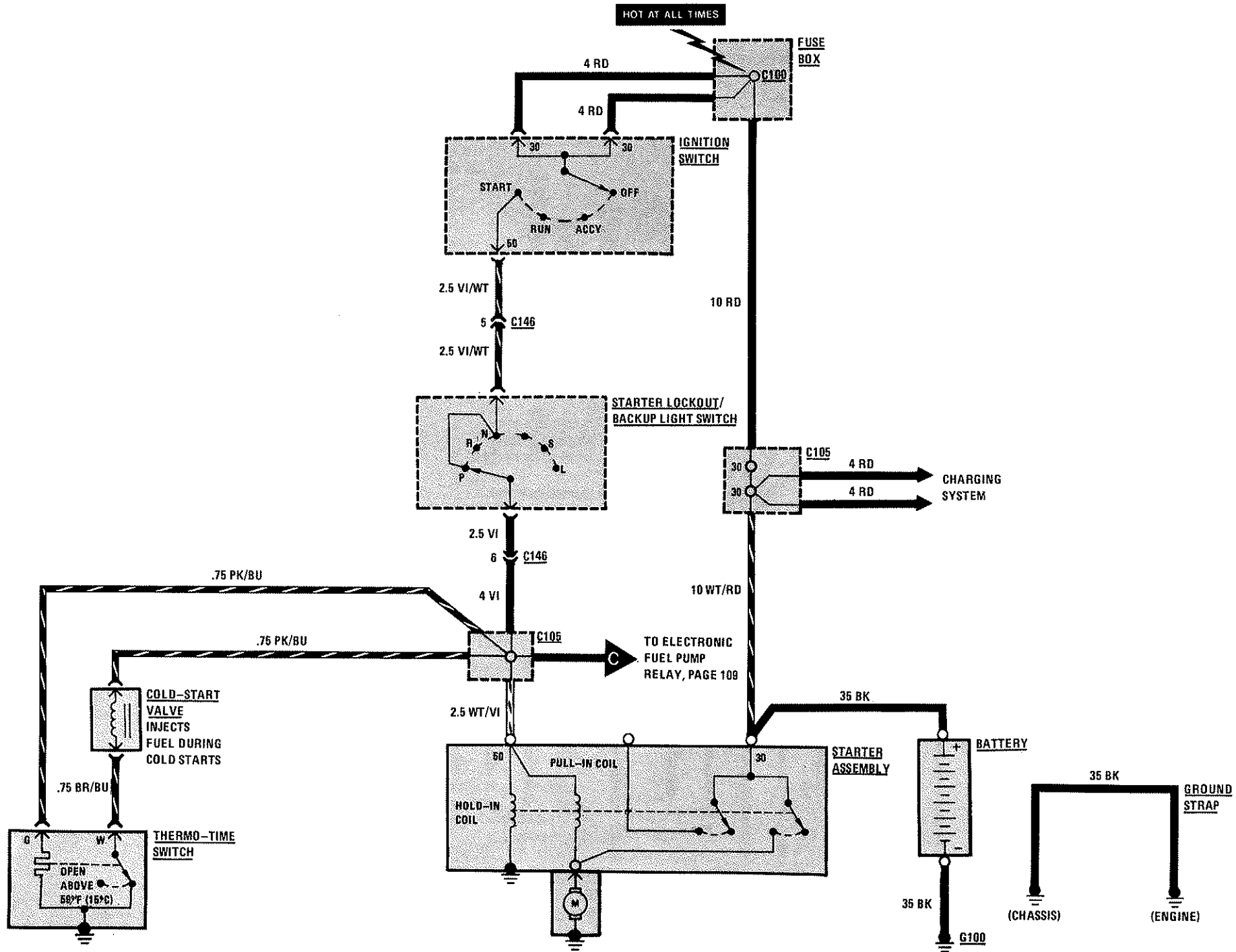
(For Component Locations See Page 205)



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SEL/SEC

START

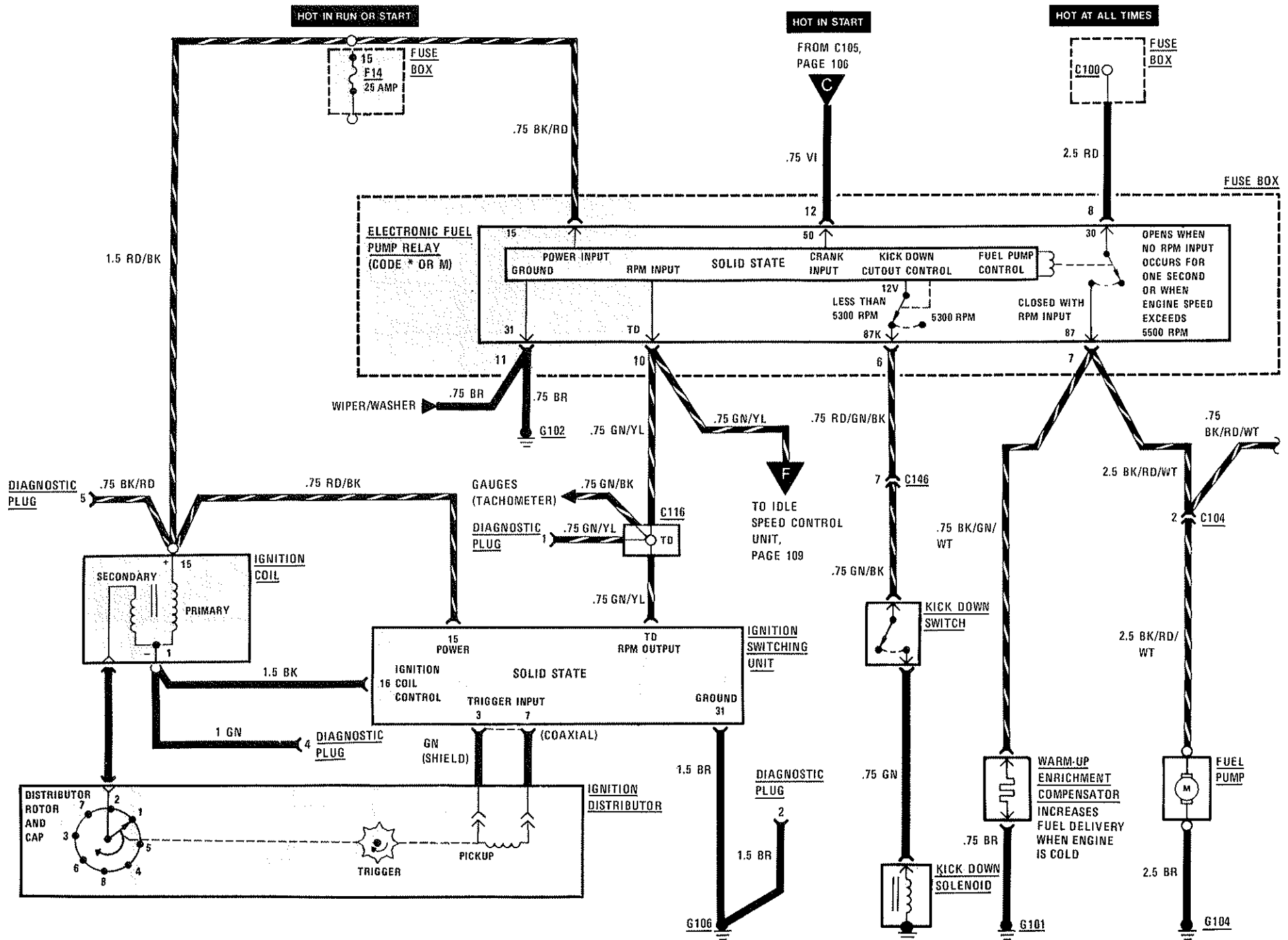
(For Component Locations See Page 207)



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SEL/SEC

IGNITION/FUEL DELIVERY/TRANSMISSION KICKDOWN

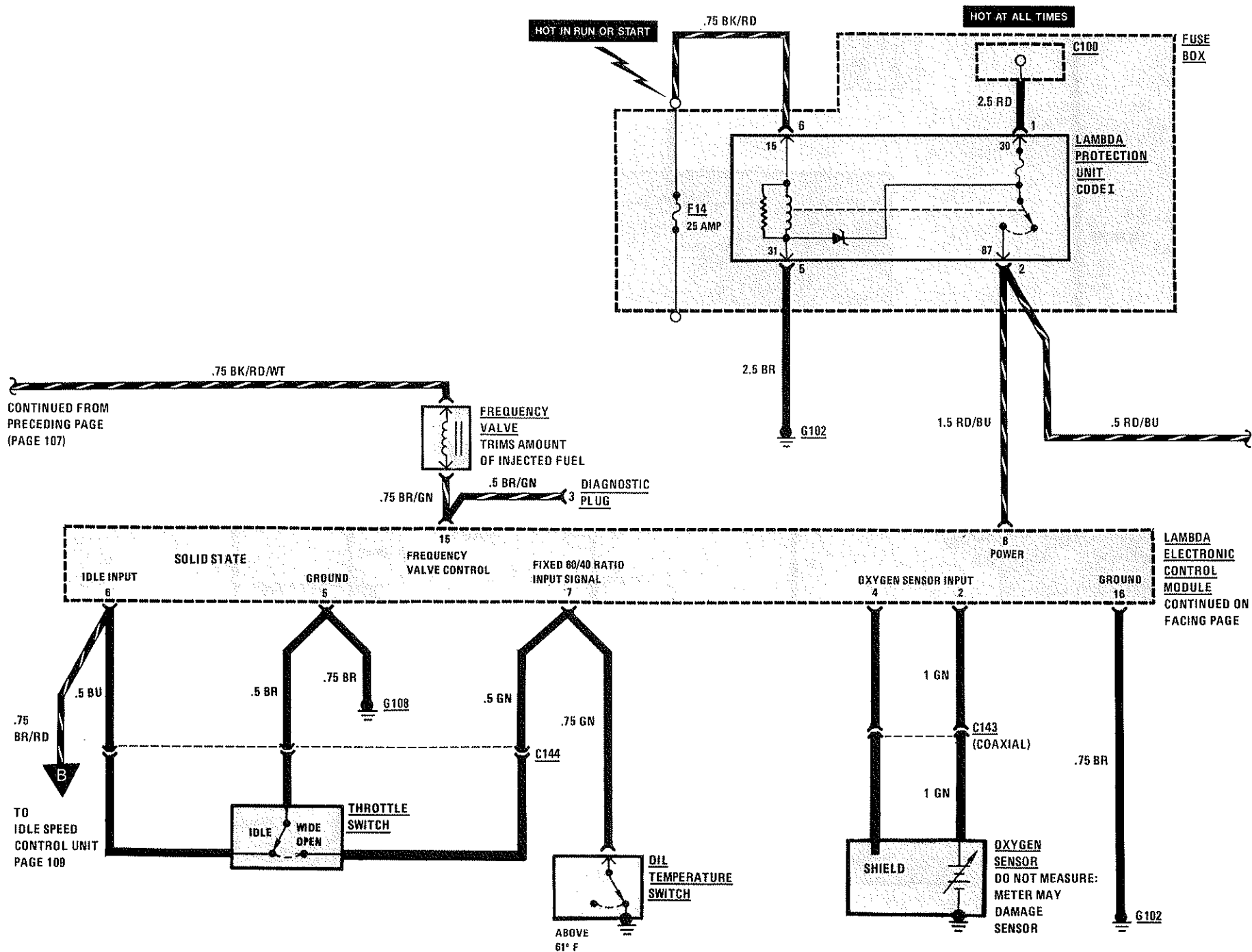
(For Component Location See Page 203)



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SEL/SEC

LAMBDA CONTROL

(For Component Locations See Page 204)



CONTINUED FROM PRECEDING PAGE (PAGE 107)

LAMBDA ELECTRONIC CONTROL MODULE CONTINUED ON FACING PAGE

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SEL/SEC

TO IDLE SPEED CONTROL UNIT PAGE 109

ABOVE 61° F

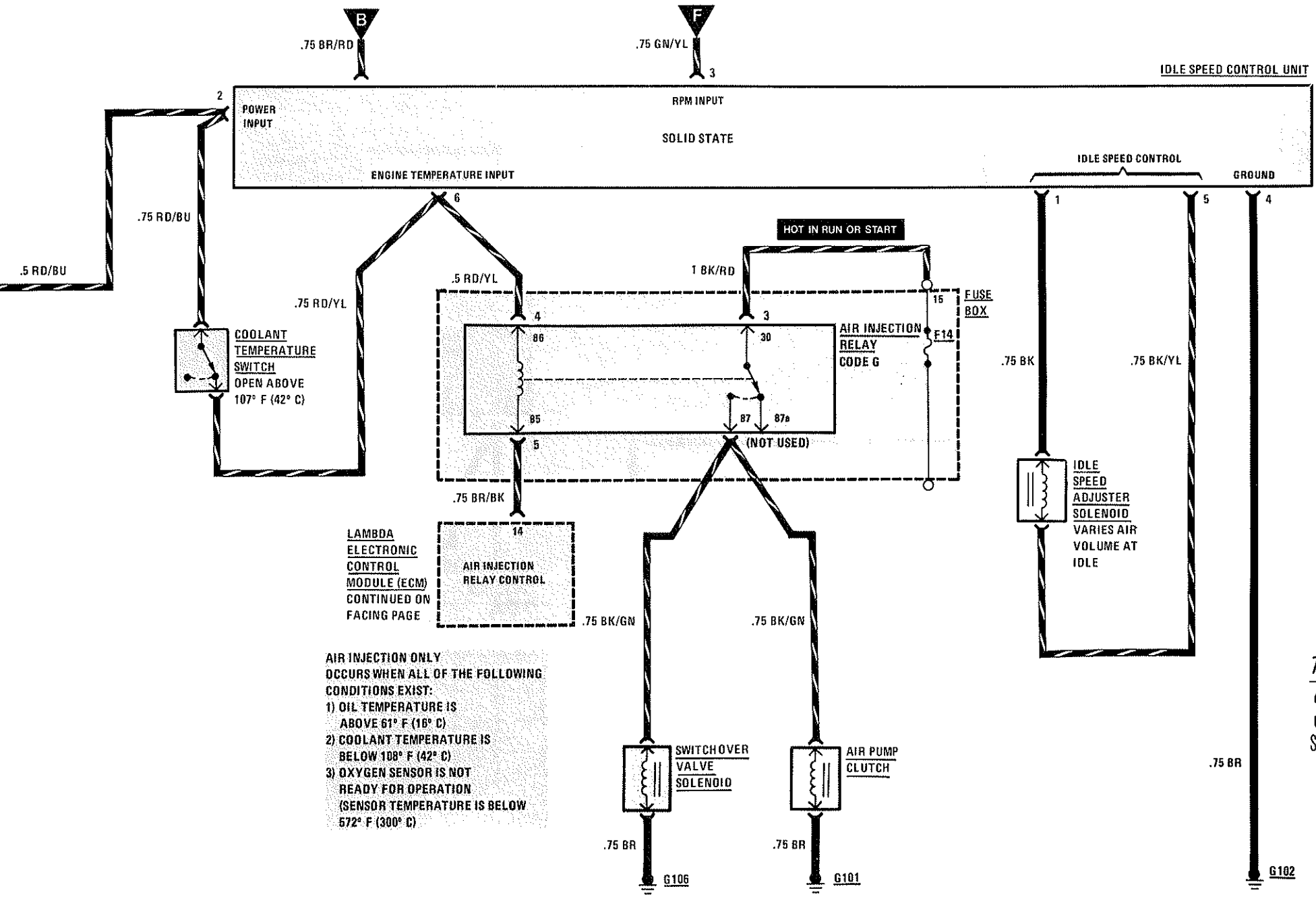
AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION

(For Component Locations See Page 201)

FROM LAMBDA ELECTRONIC CONTROL MODULE, PAGE 108

FROM ELECTRONIC FUEL PUMP RELAY, PAGE 107

IDLE SPEED CONTROL UNIT



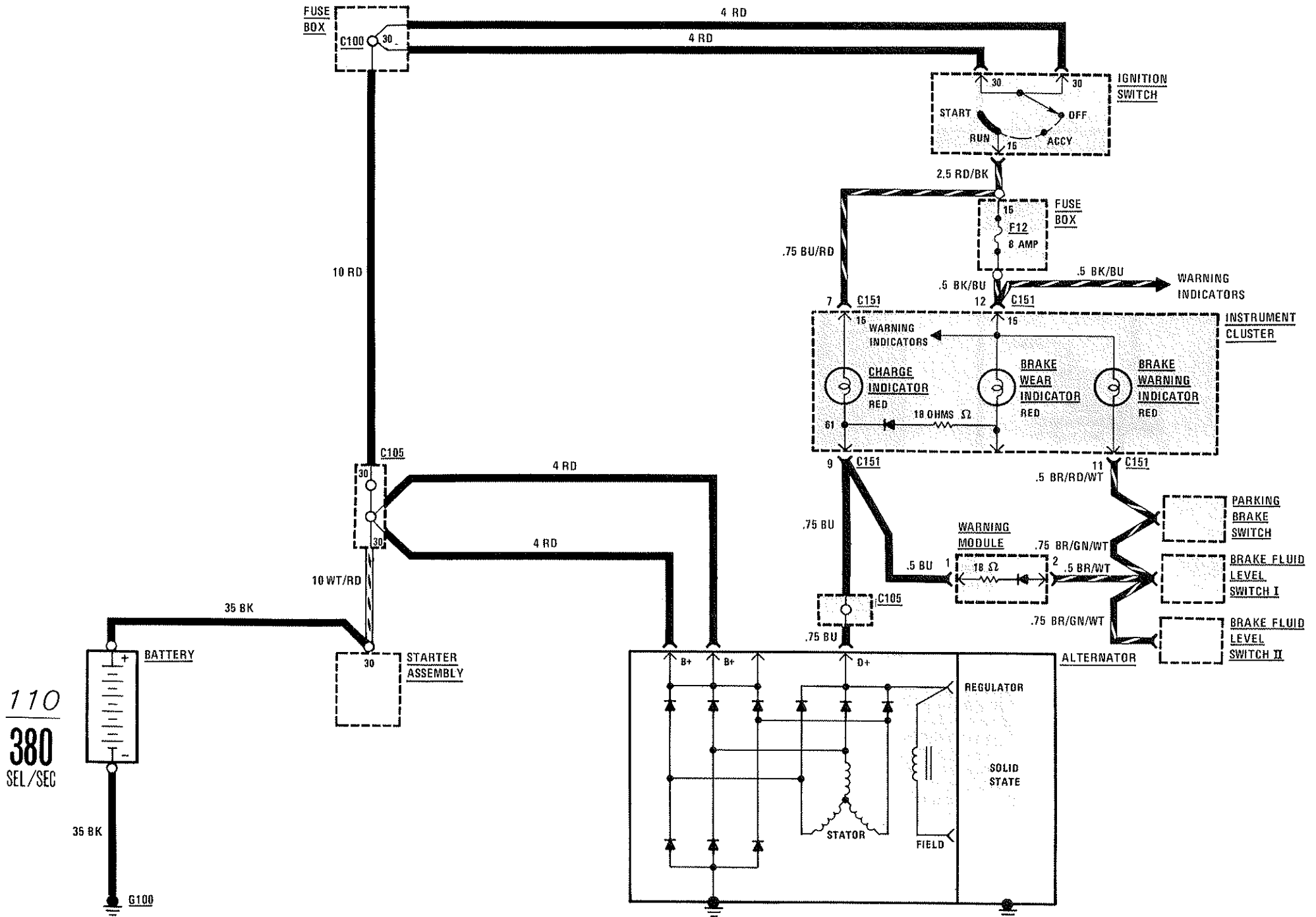
AIR INJECTION ONLY OCCURS WHEN ALL OF THE FOLLOWING CONDITIONS EXIST:

- 1) OIL TEMPERATURE IS ABOVE 61° F (16° C)
- 2) COOLANT TEMPERATURE IS BELOW 108° F (42° C)
- 3) OXYGEN SENSOR IS NOT READY FOR OPERATION (SENSOR TEMPERATURE IS BELOW 572° F (300° C))

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380
SEL/SEC

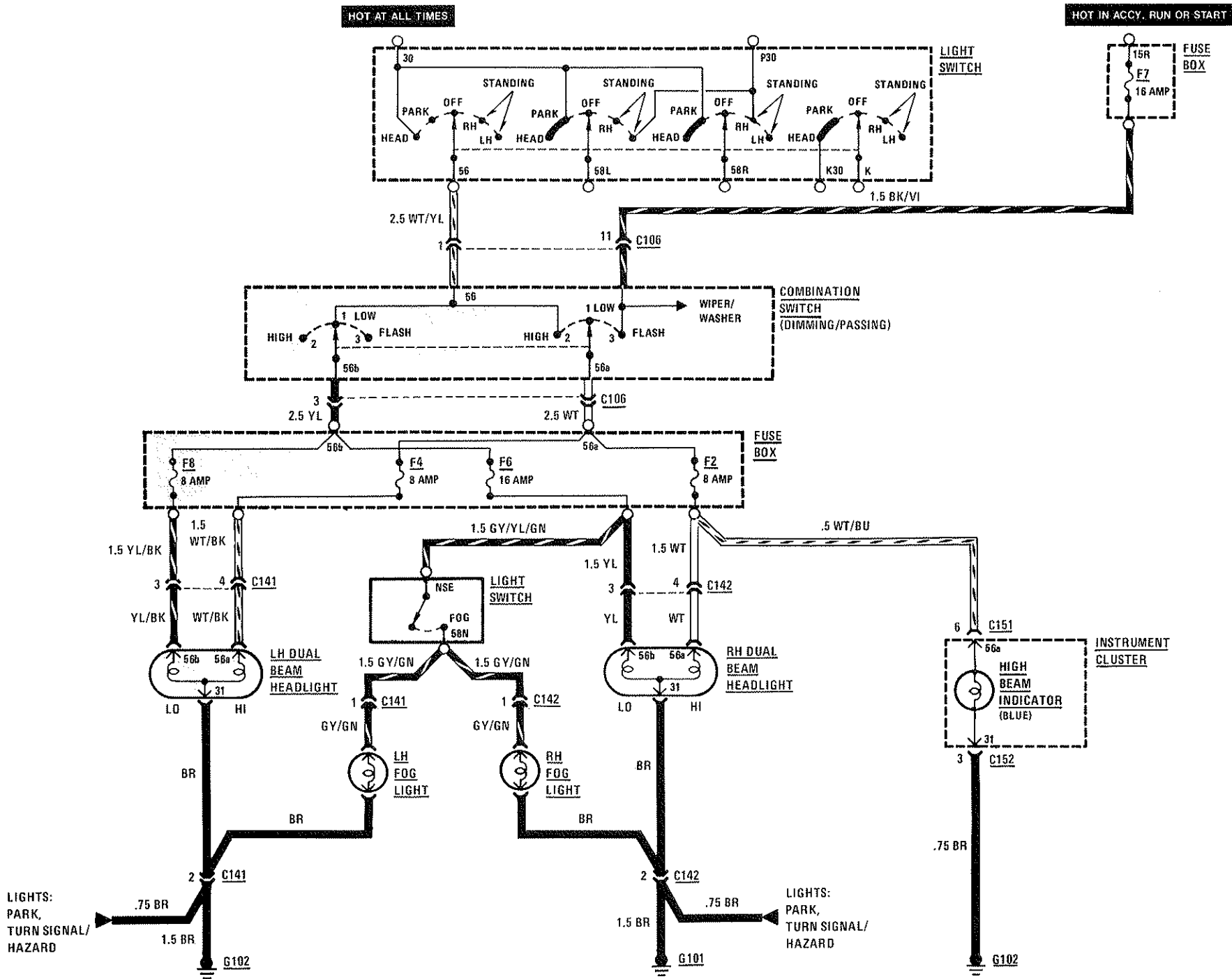
CHARGING SYSTEM

(For Component Locations See Page 202)



HEADLIGHTS/FOG LIGHTS

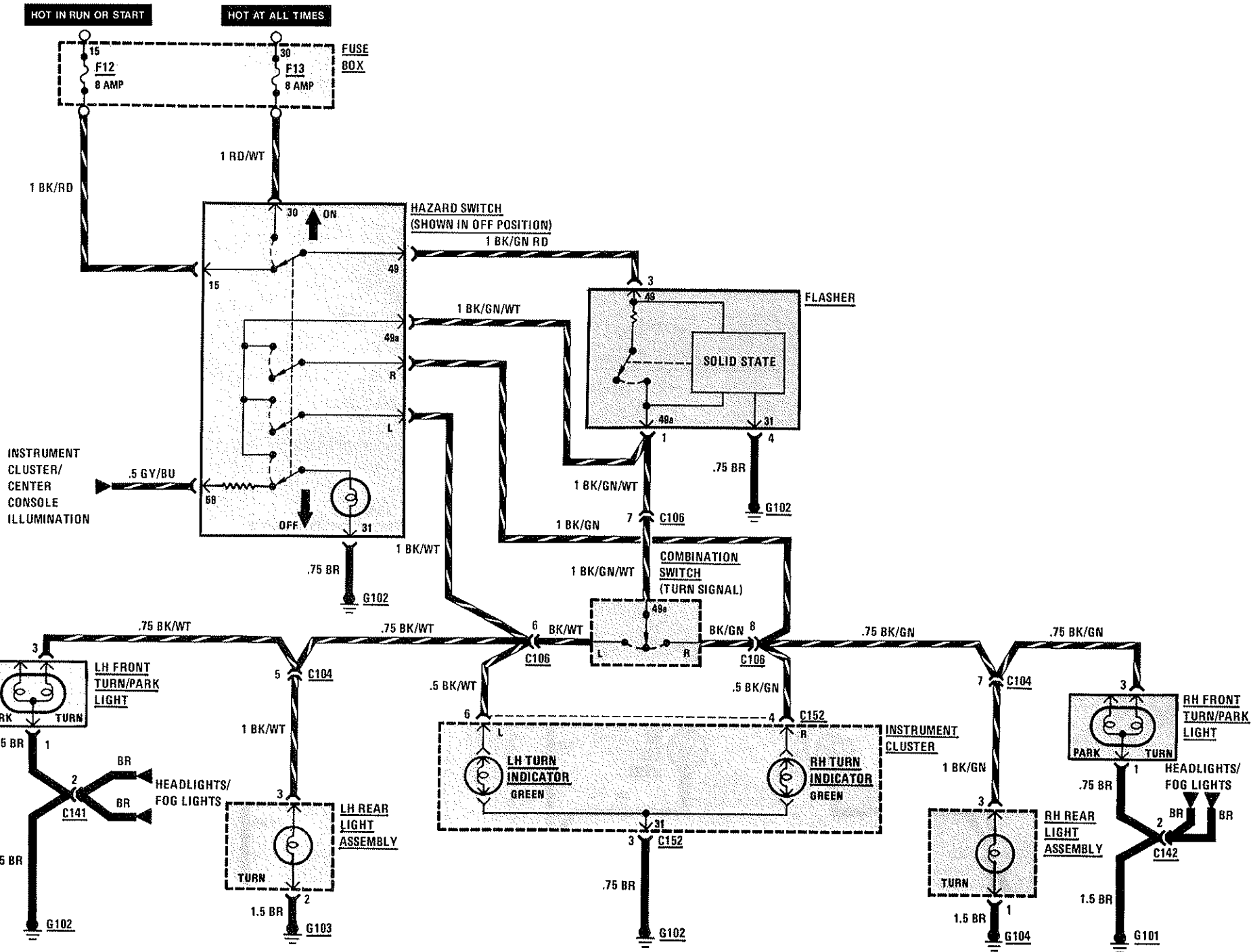
(For Component Locations See Page 203)



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SEL/SEC

TURN SIGNAL/HAZARD LIGHTS

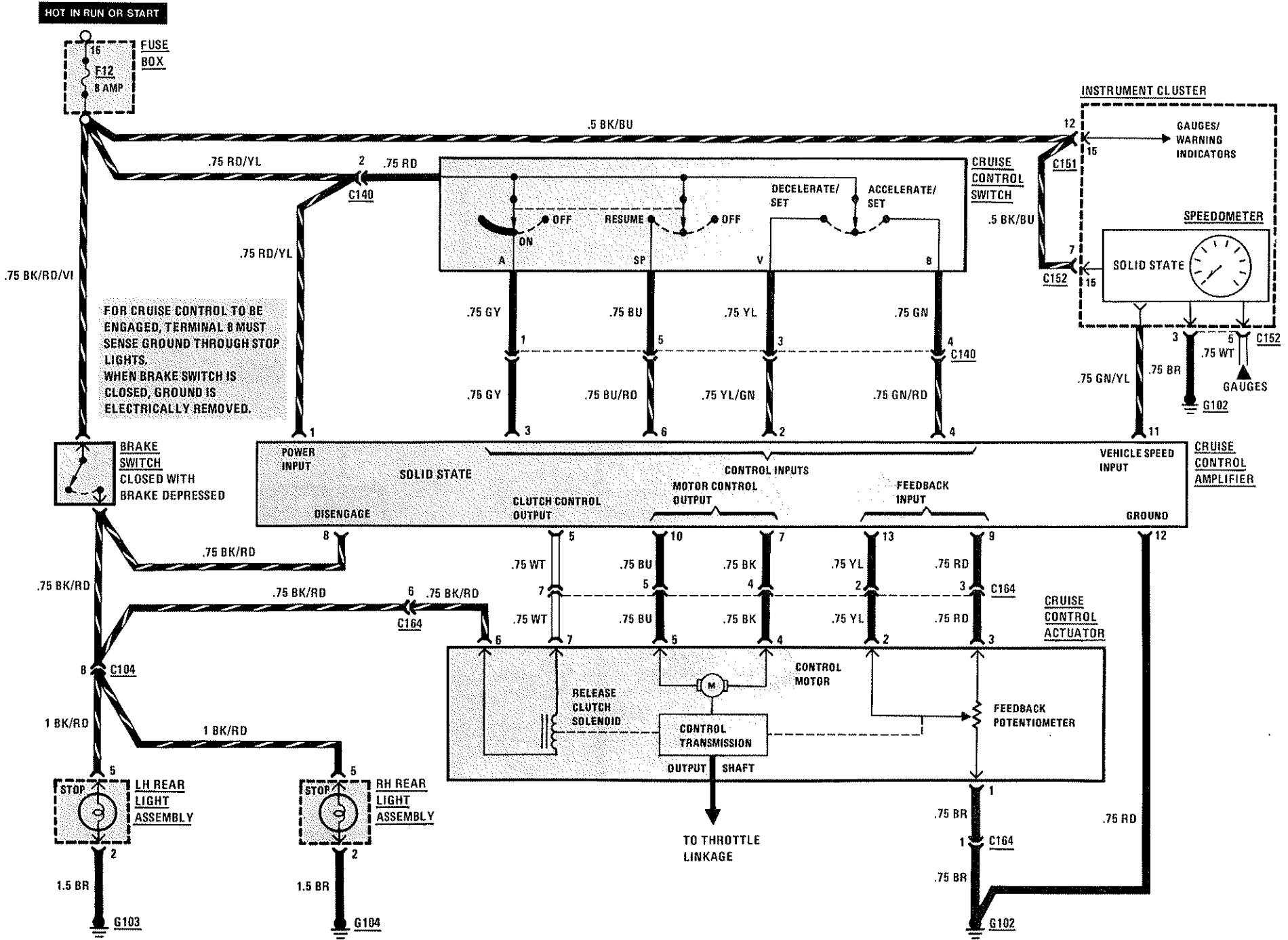
(For Component Locations See Page 208)



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SEL/SEC

STOPLIGHTS/CRUISE CONTROL

(For Component Locations See Page 207)



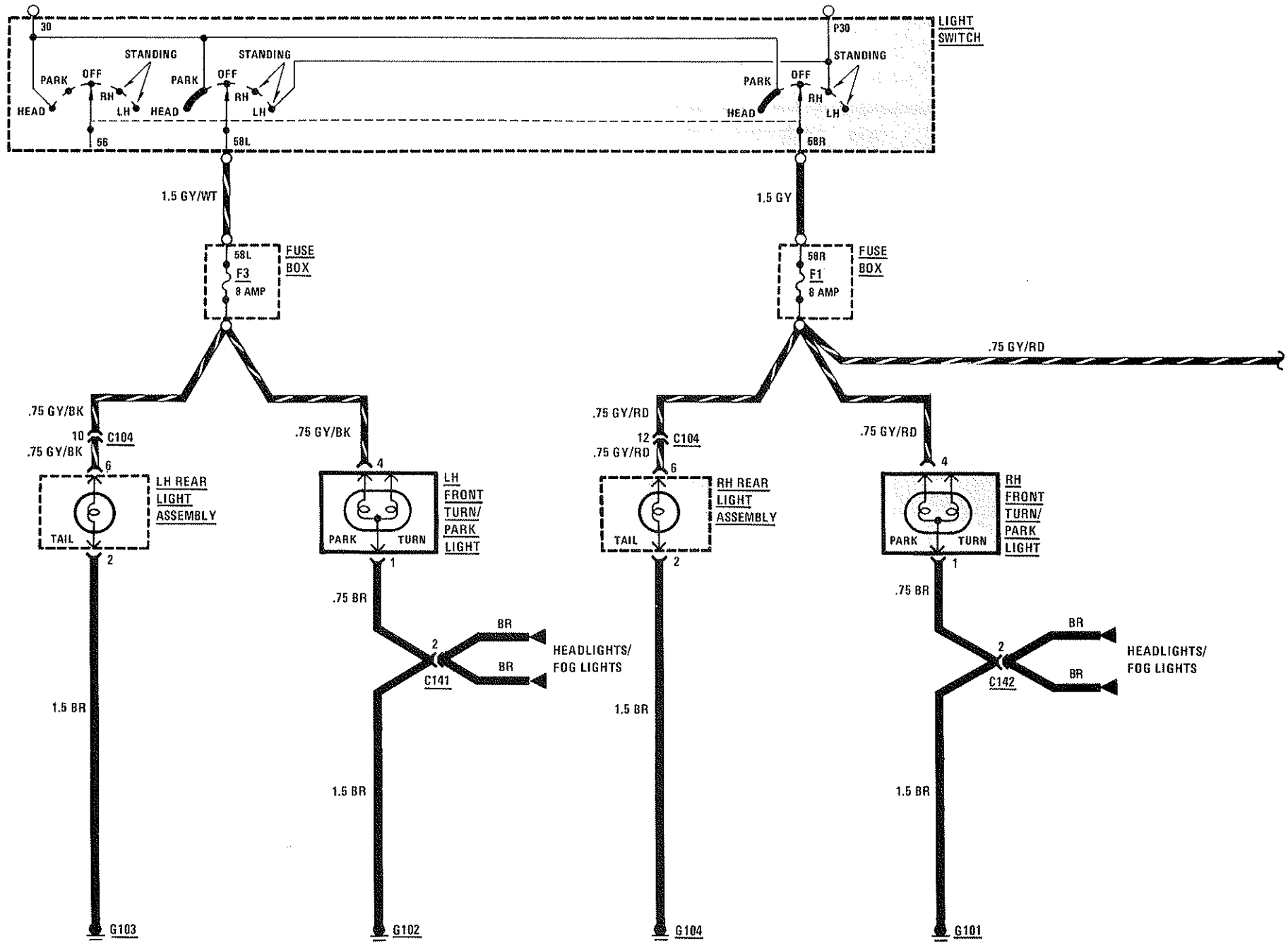
113
380
SEL/SEC

LIGHTS: PARK/TAIL

(For Component Locations See Page 205)

HOT AT ALL TIMES

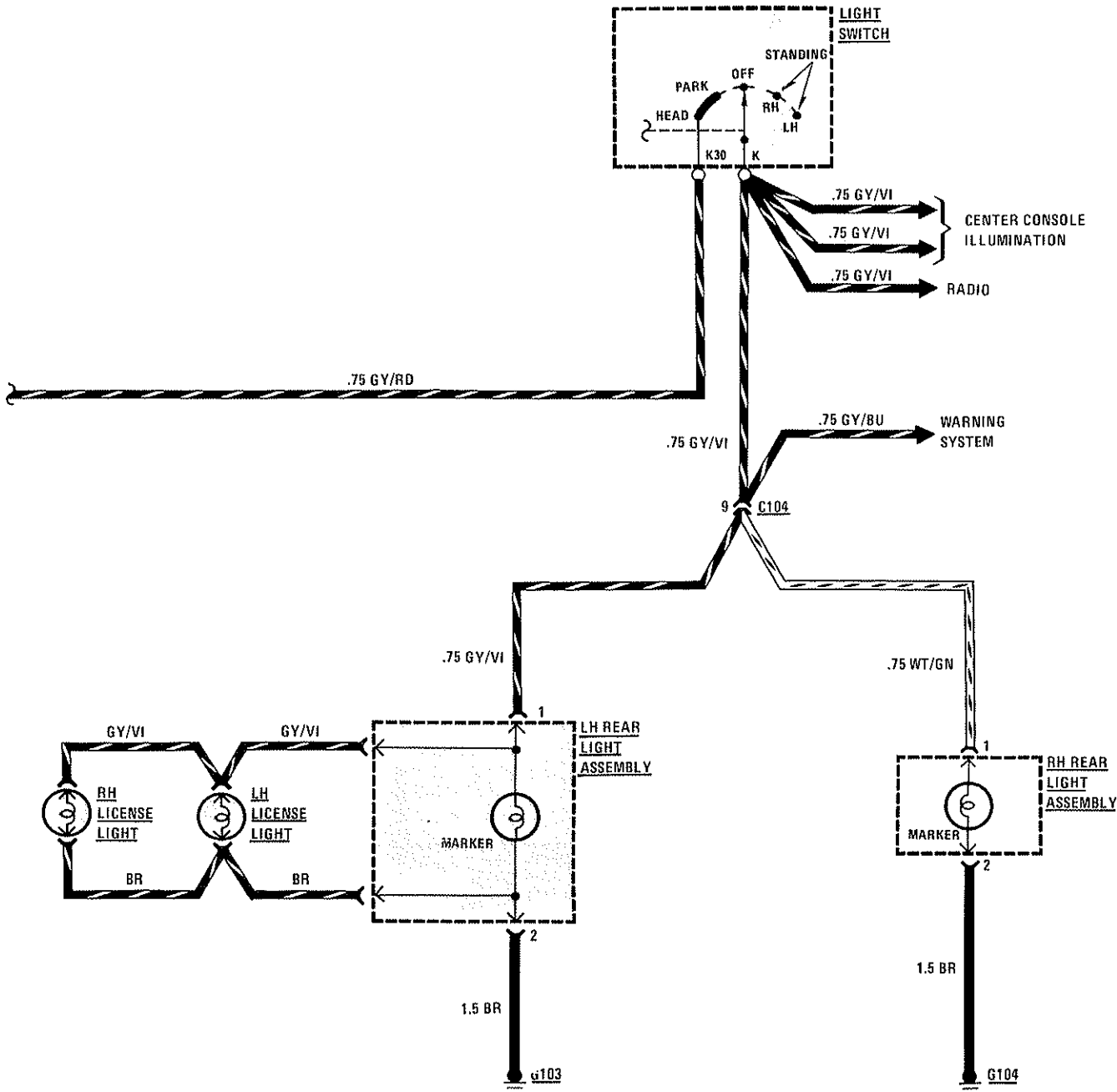
HOT IN OFF OR ACCY.



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SEL/SEC

LIGHTS: MARKER/LICENSE

(For Component Locations See Page 204)

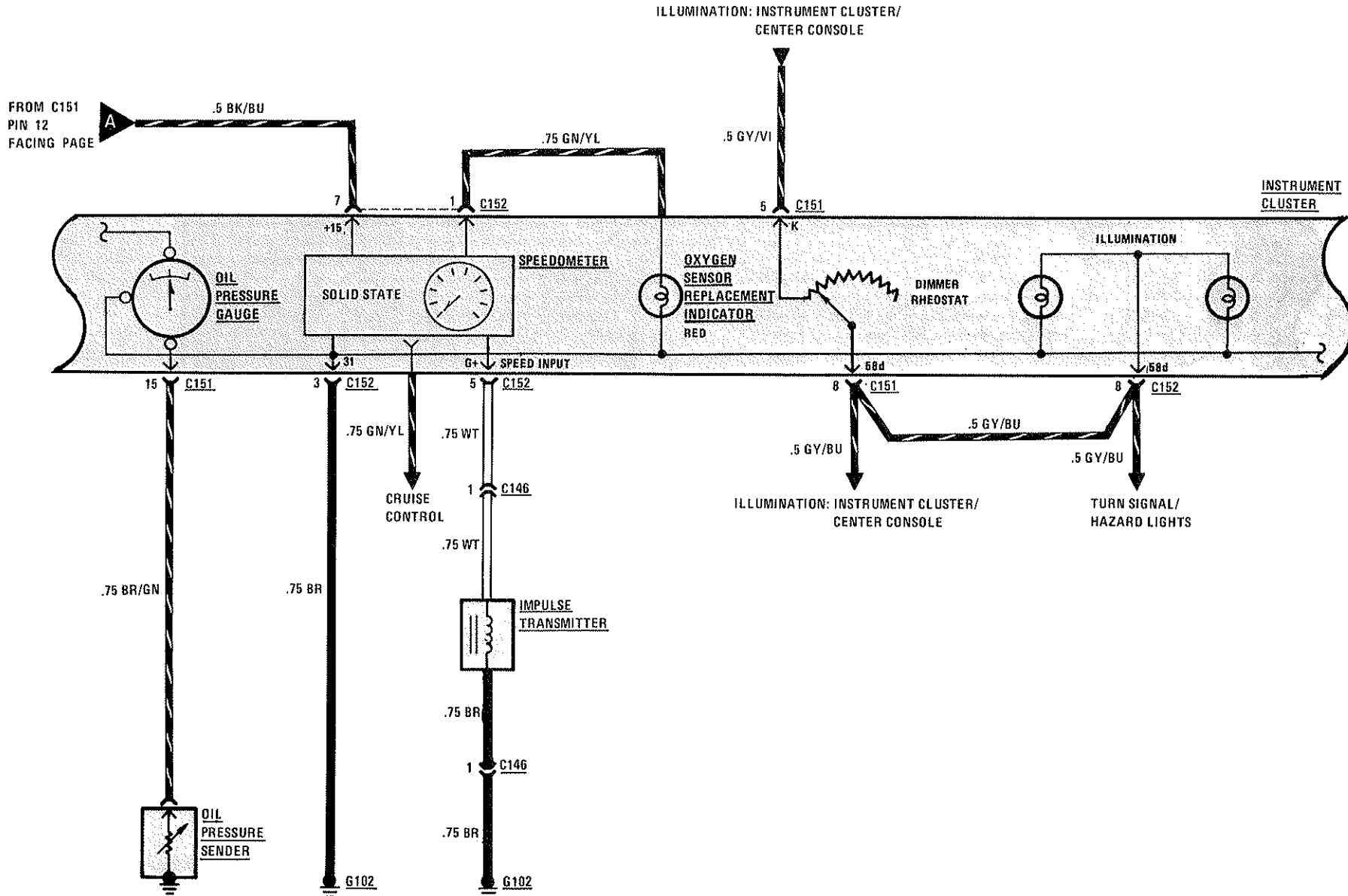


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SEL/SEC

WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 208)

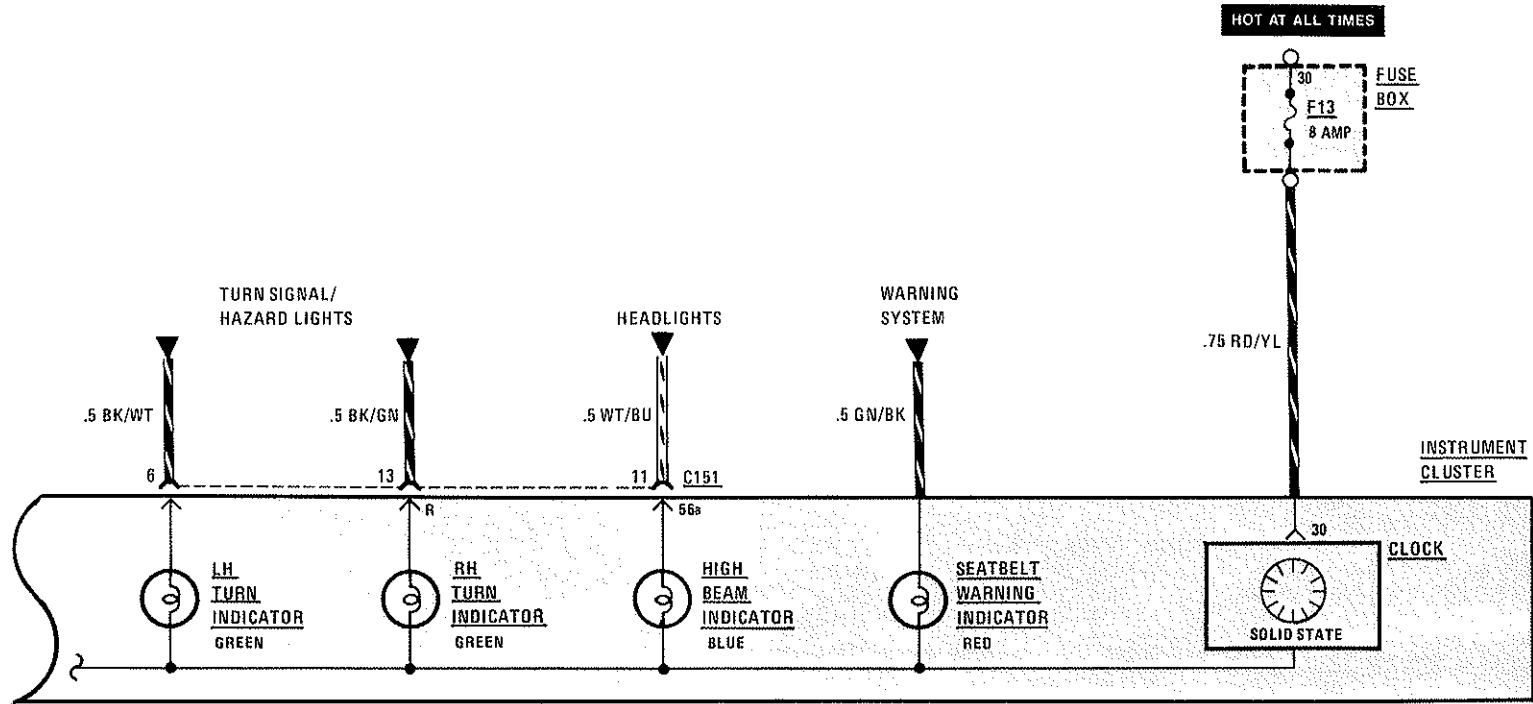
380 SEL



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380
SEL/SEC

WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 208)

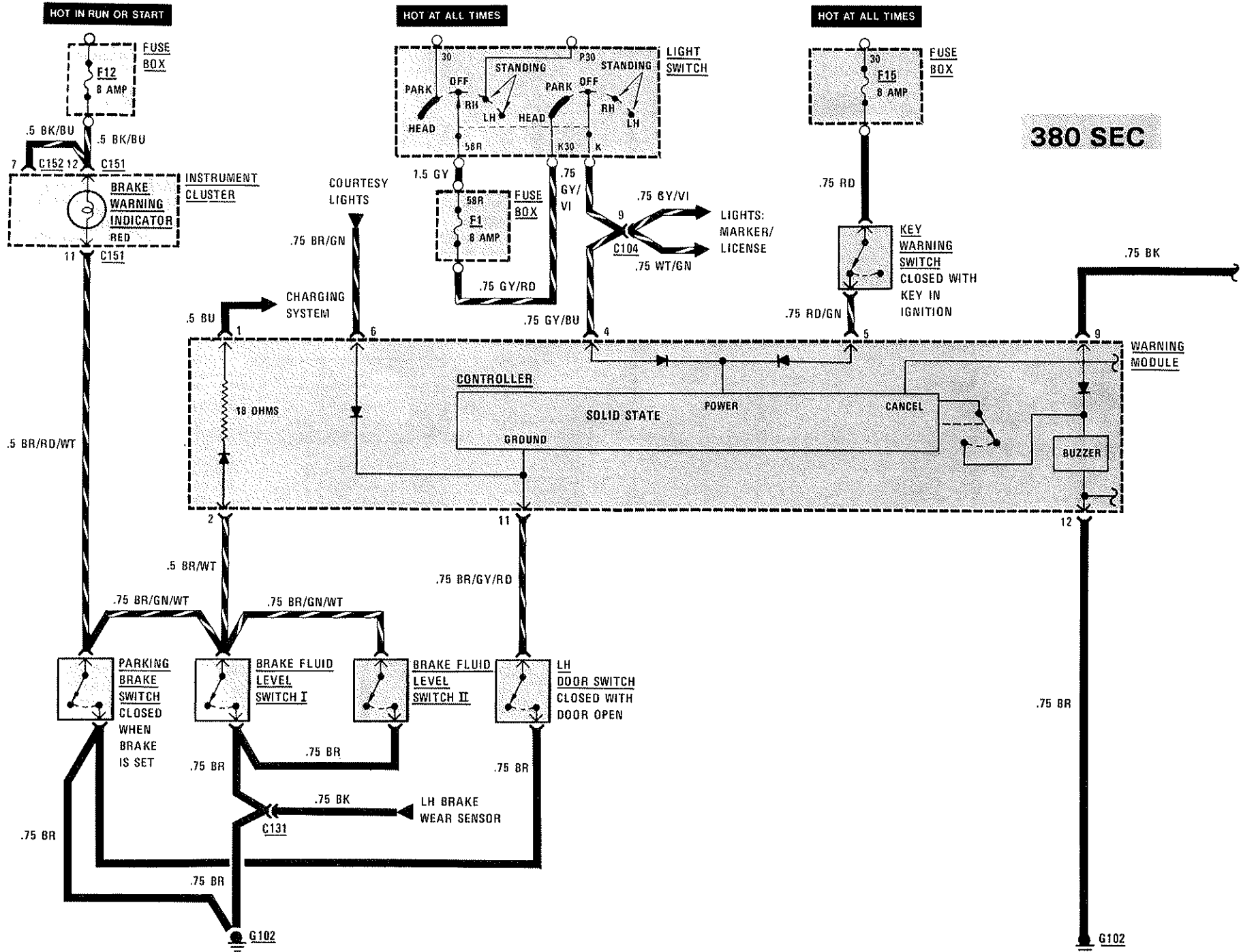


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SEL/SEC

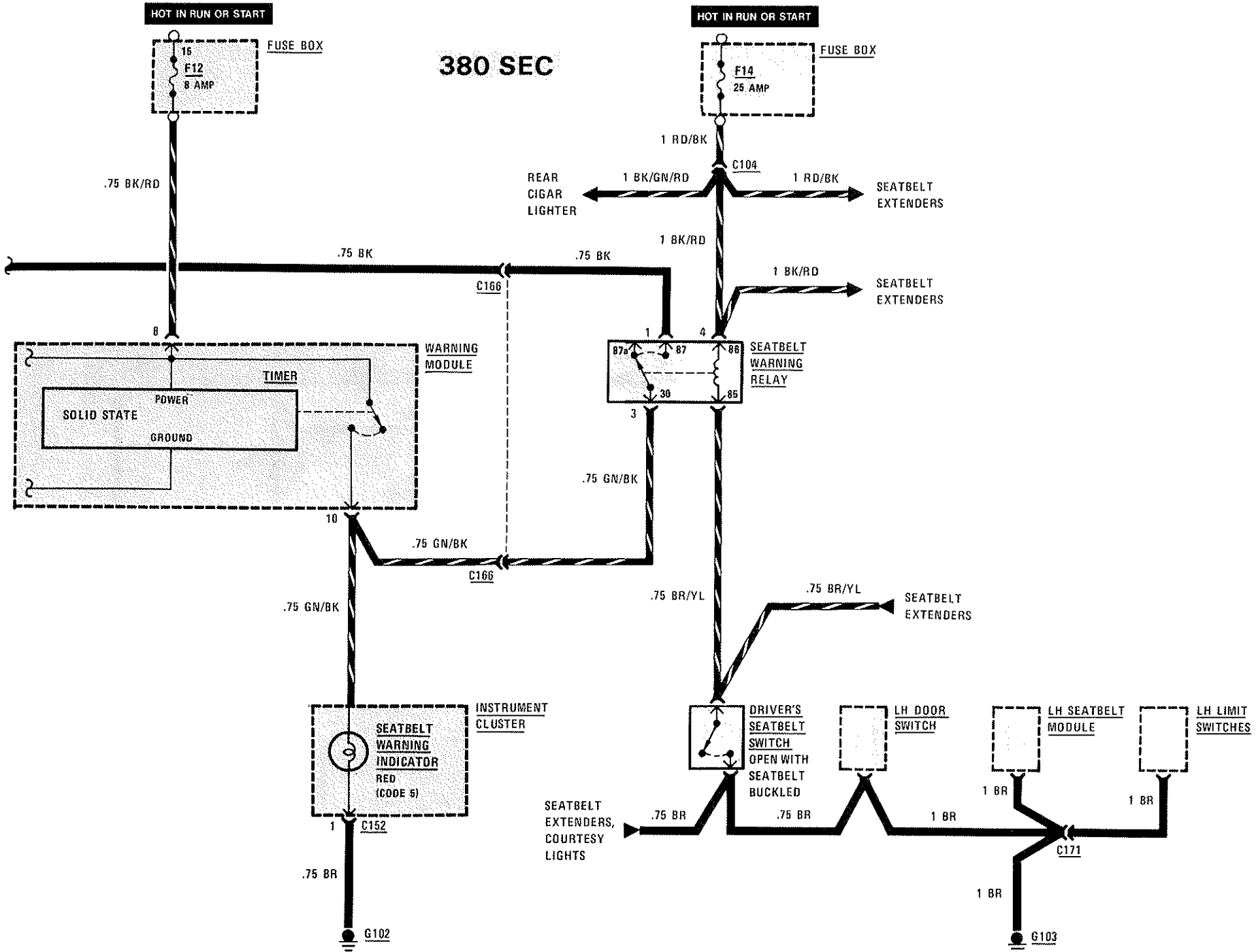
WARNING SYSTEM

(For Component Locations See Page 209)



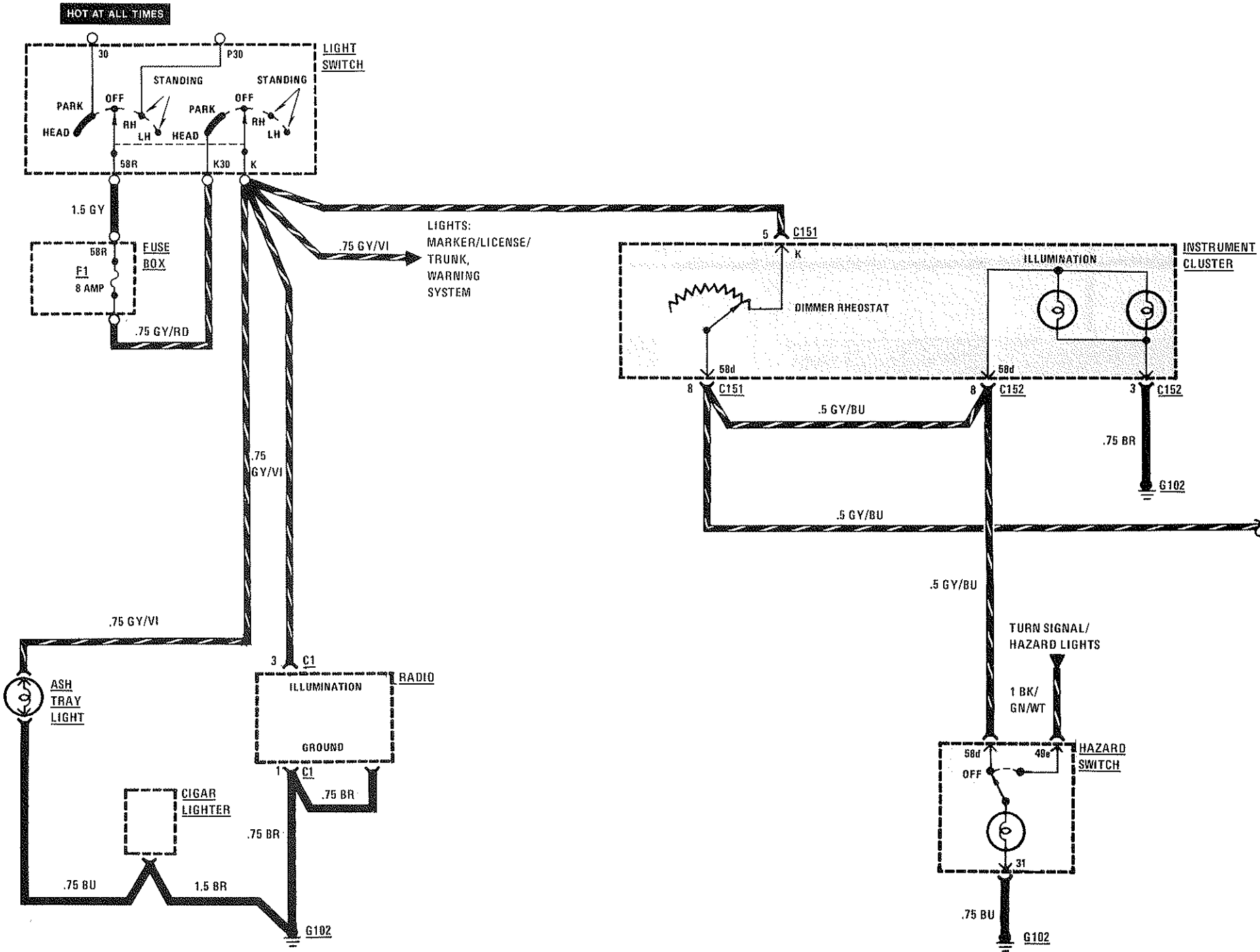
WARNING SYSTEM

(For Component Locations See Page 209)



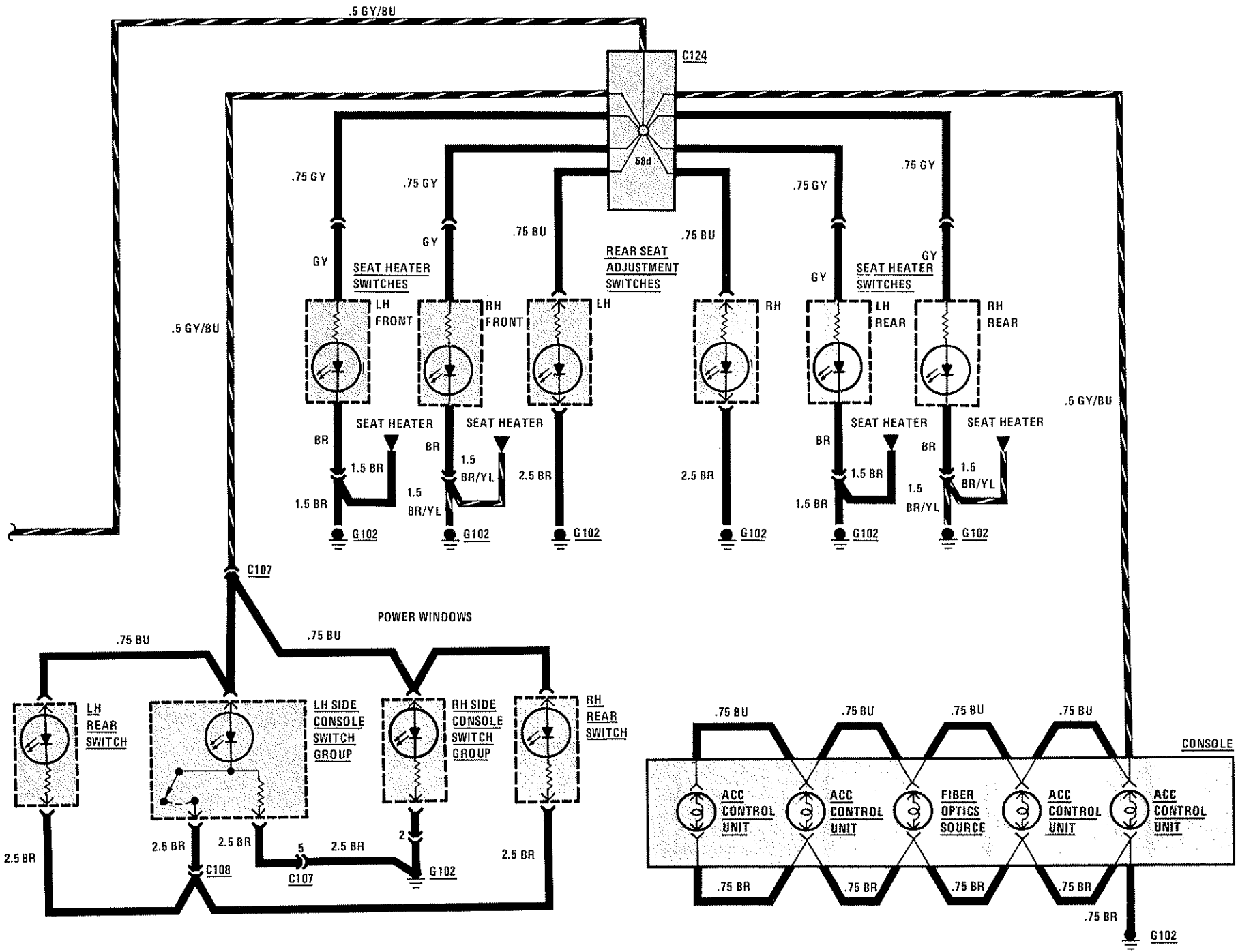
ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE

(For Component Locations See Page 204)



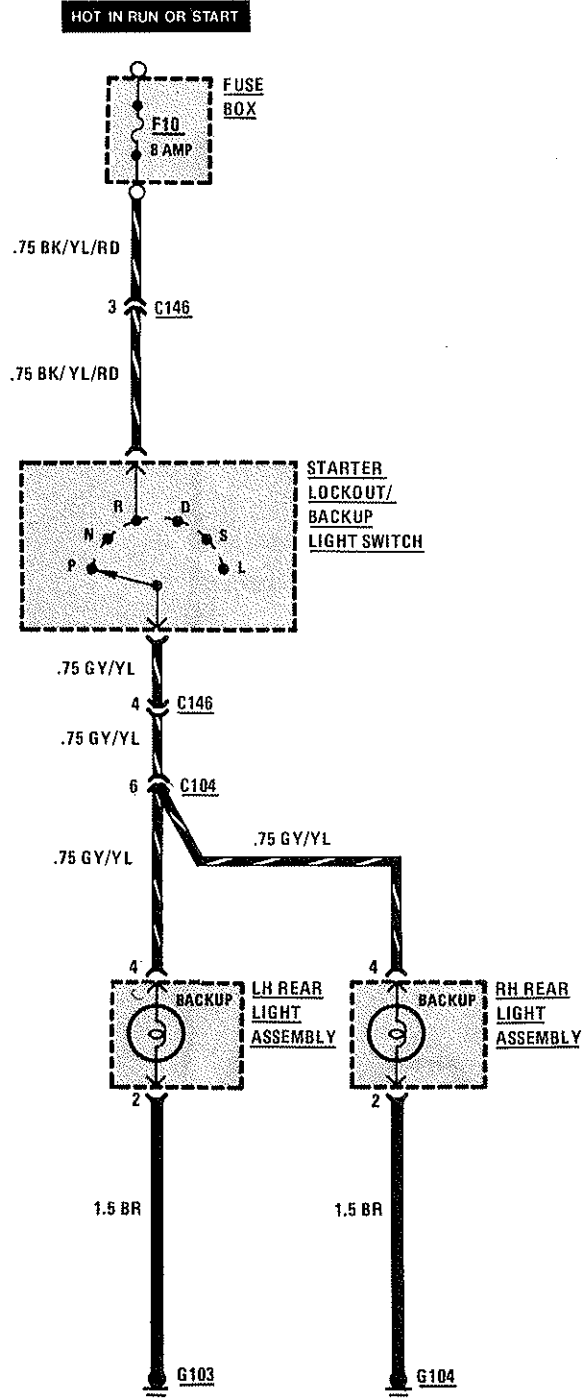
ILLUMINATION: INSTRUMENT CLUSTER/CENTER/CENTER CONSOLE

(For Component Locations See Page 204)



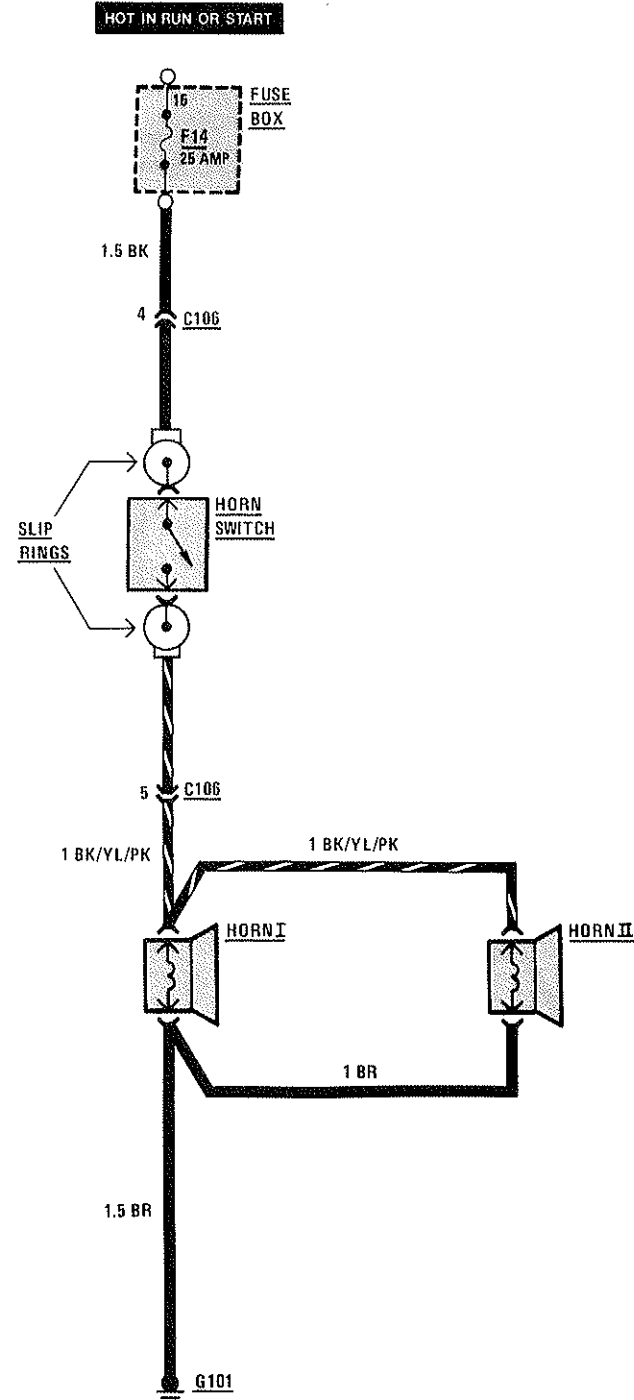
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SEL/SEC

BACKUP LIGHTS

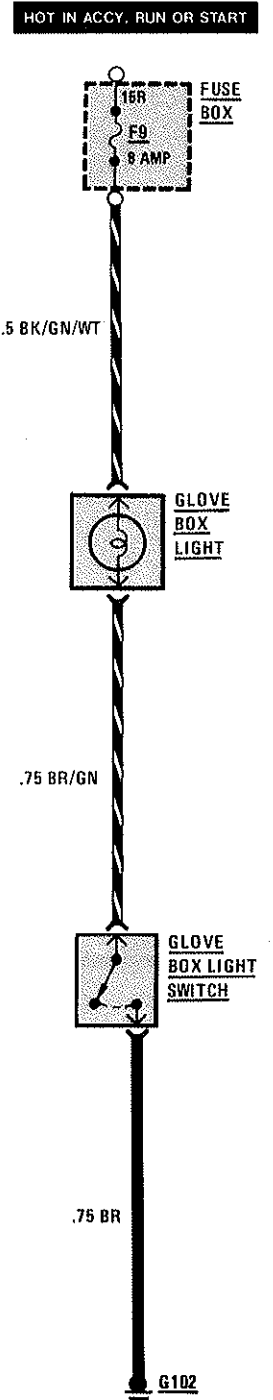


HORNS

(For Component Locations See Page 201)



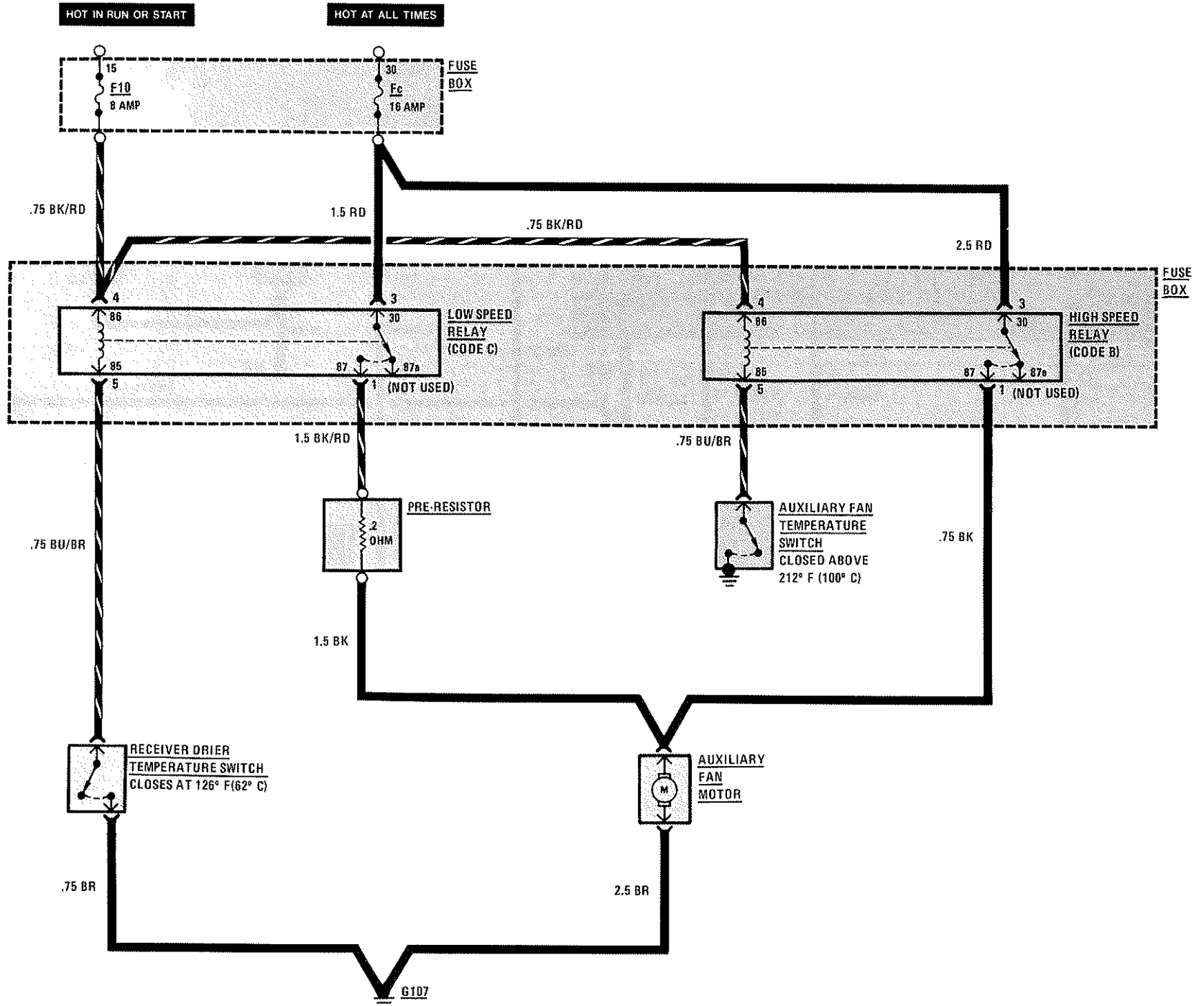
GLOVE BOX LIGHT



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SEL/SEC

AUXILIARY FAN

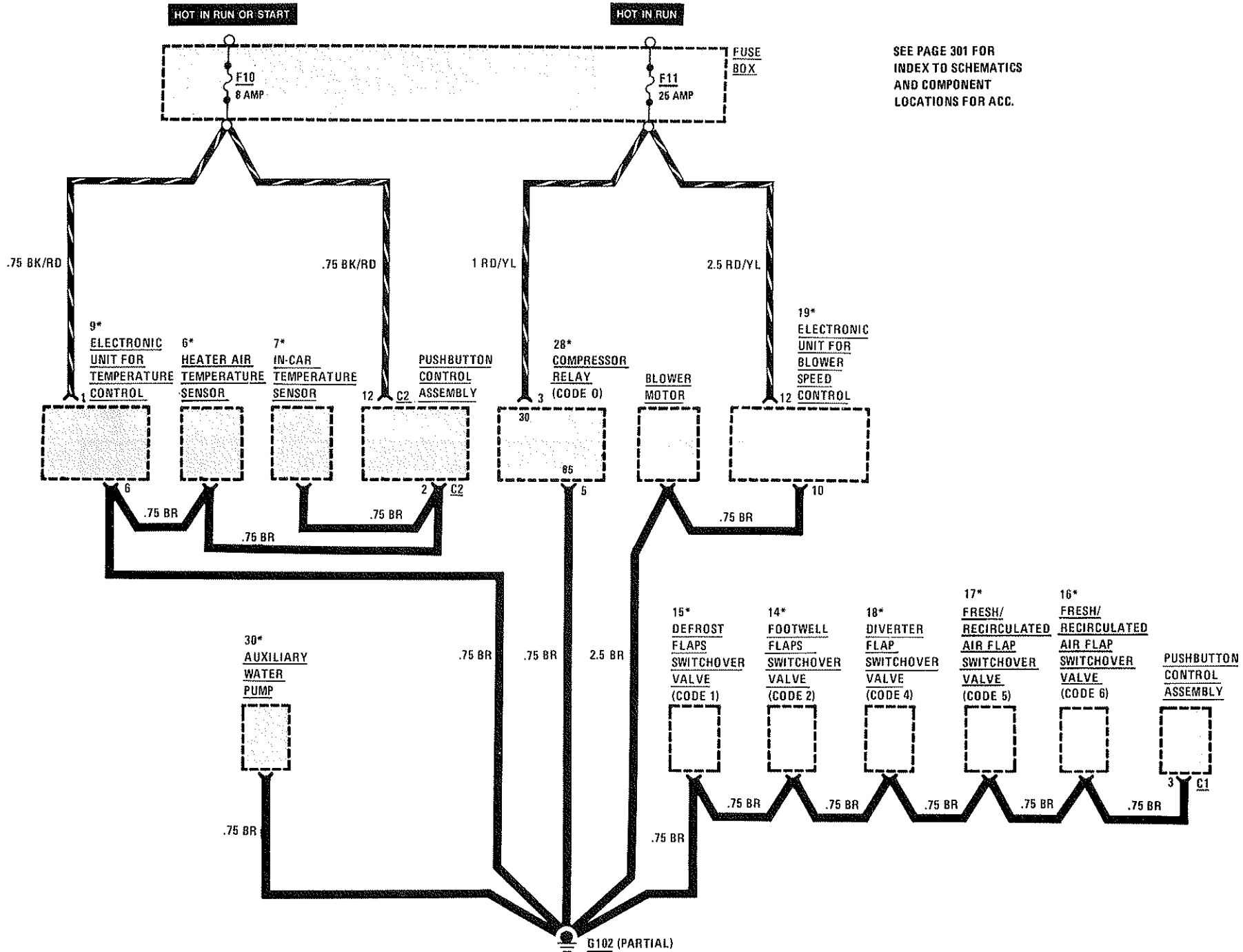
(For Component Locations See Page 201)



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 380
 SEL/SEC

AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION

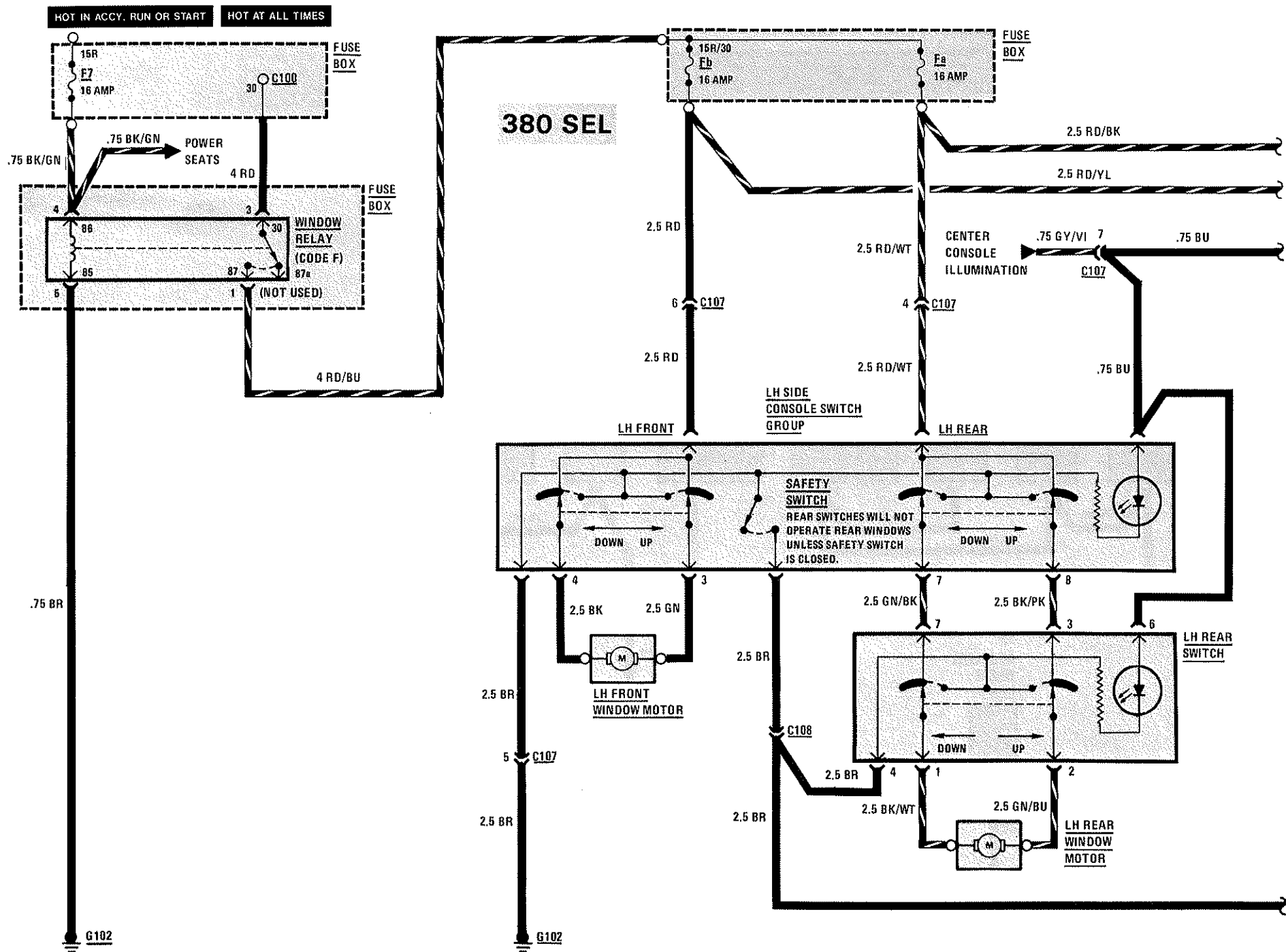
(For Component Locations See Page 323)



SEE PAGE 301 FOR INDEX TO SCHEMATICS AND COMPONENT LOCATIONS FOR ACC.

POWER WINDOWS

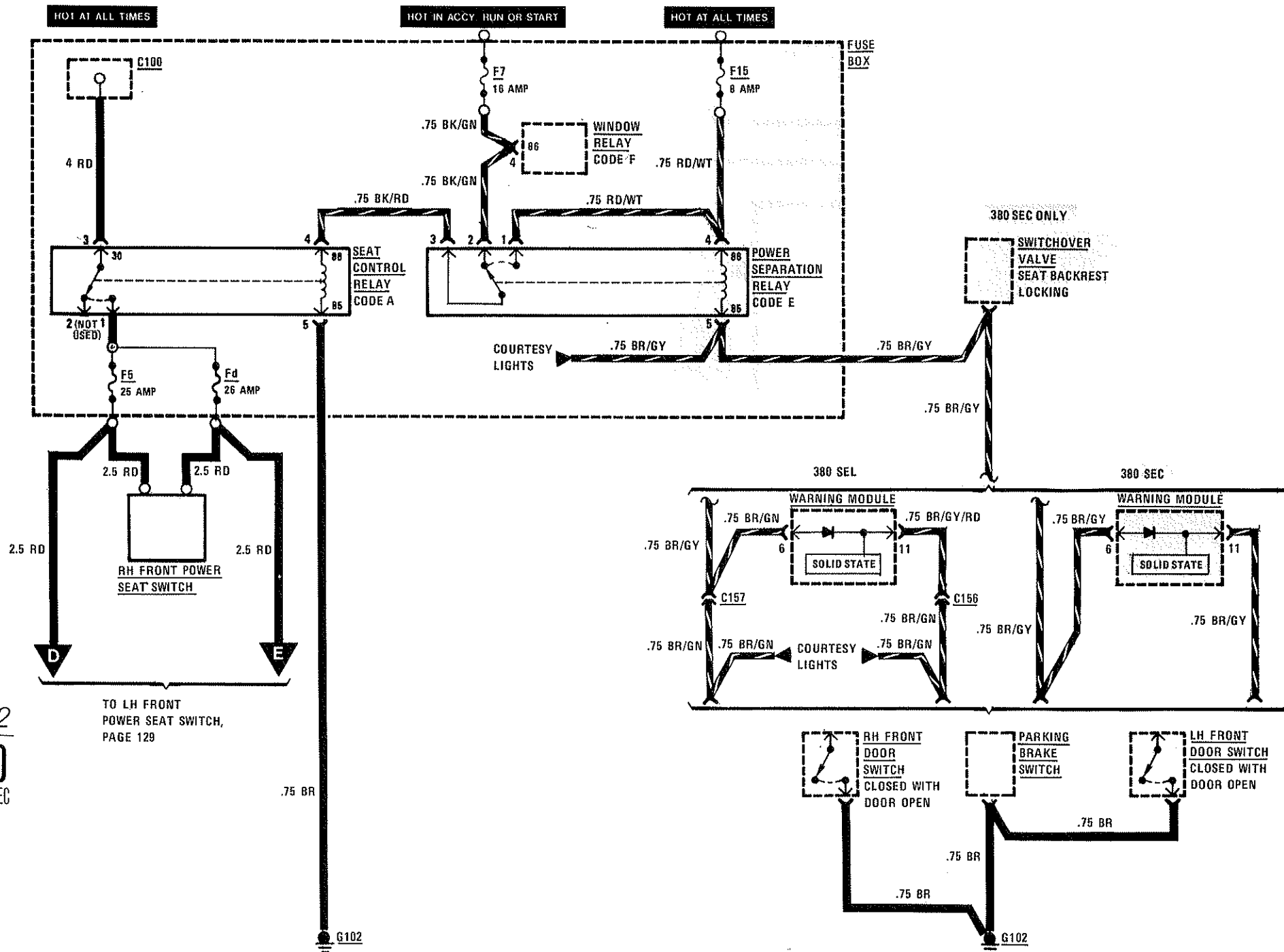
(For Component Locations See Page 205)



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 380
 SEL/SEC

POWER SEATS

(For Component Locations See Page 205)



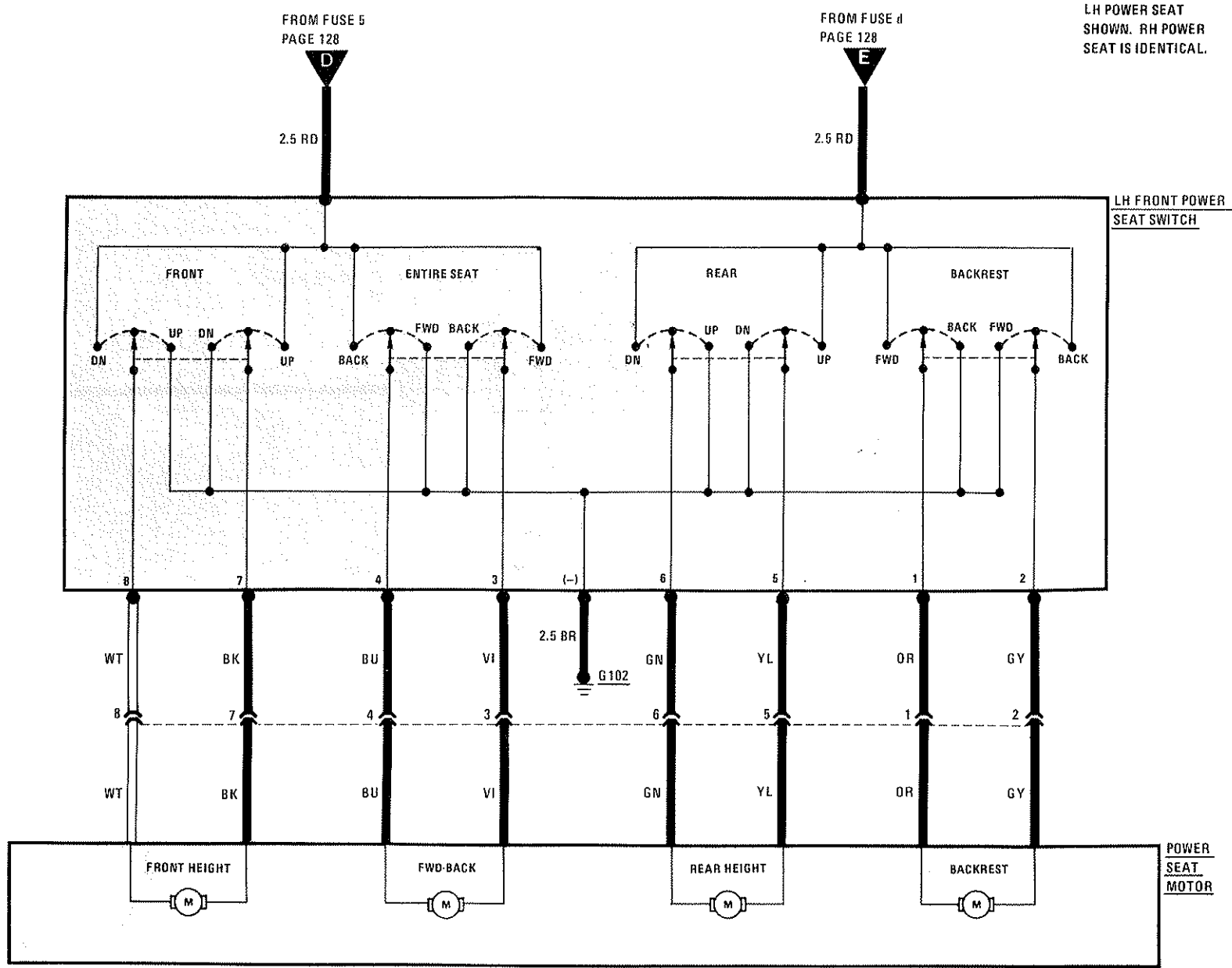
132

380
SEL/SEC

TO LH FRONT
POWER SEAT SWITCH,
PAGE 129

POWER SEATS

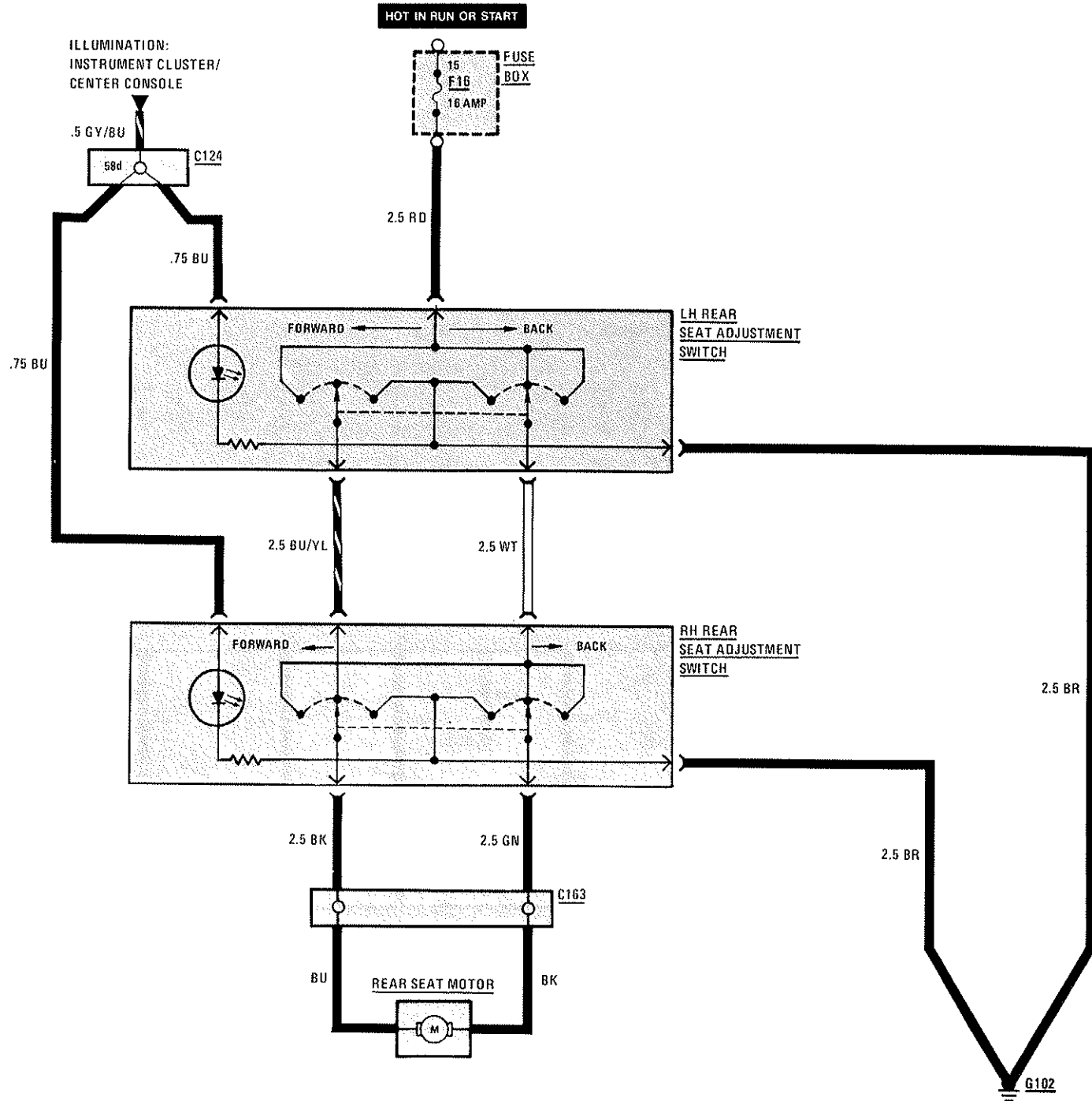
(For Component Locations See Page 205)



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SEL/SEC

REAR SEAT ADJUSTMENT

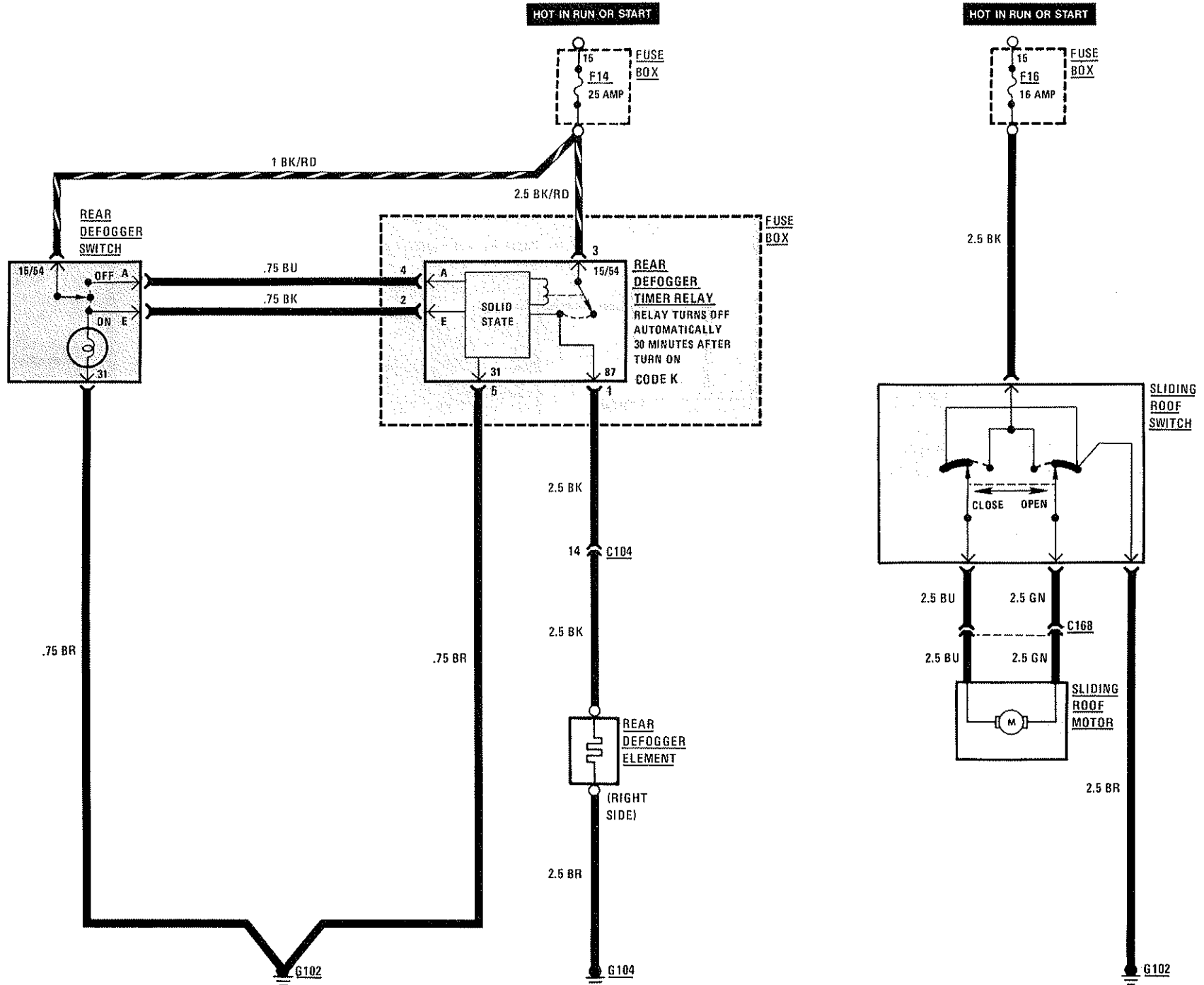
(For Component Locations See Page 206)



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SEL/SEC

REAR DEFOGGER/SLIDING ROOF

(For Component Locations See Page 206)

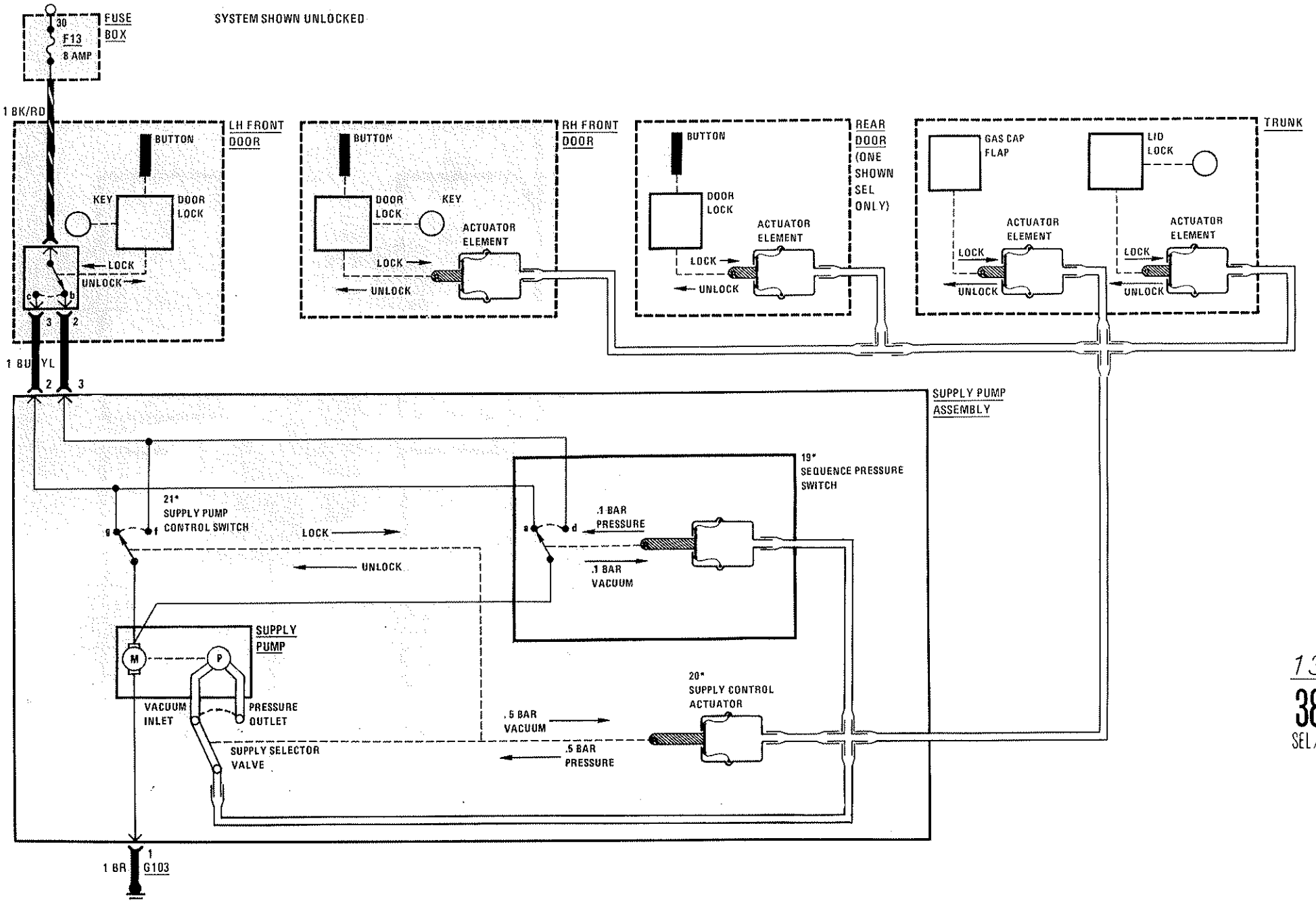


CENTRAL LOCKING SYSTEM

(For Component Locations See Page 202)

HOT AT ALL TIMES

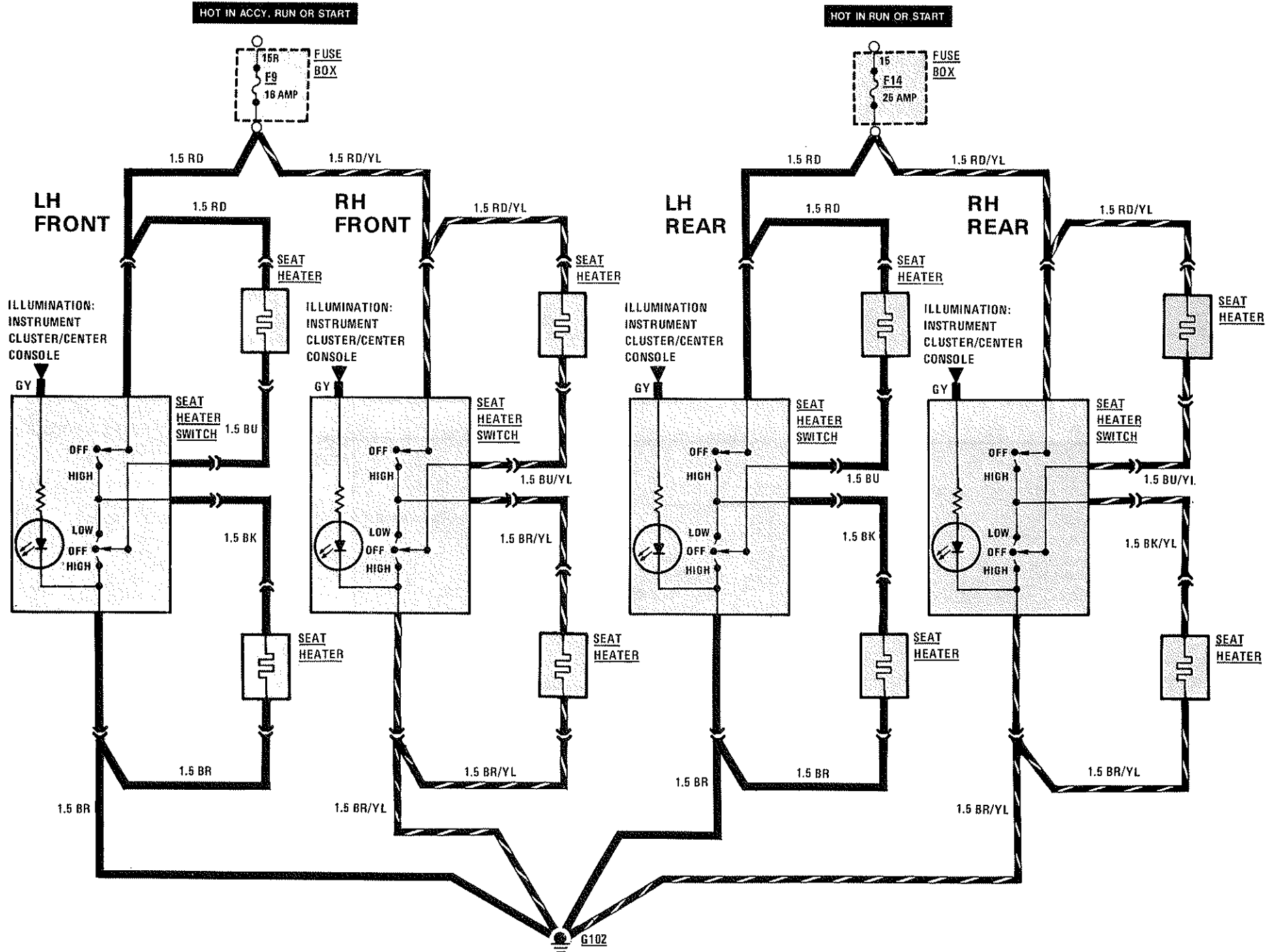
SYSTEM SHOWN UNLOCKED



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SEL/SEC

HEATED SEATS

(For Component Locations See Page 209)

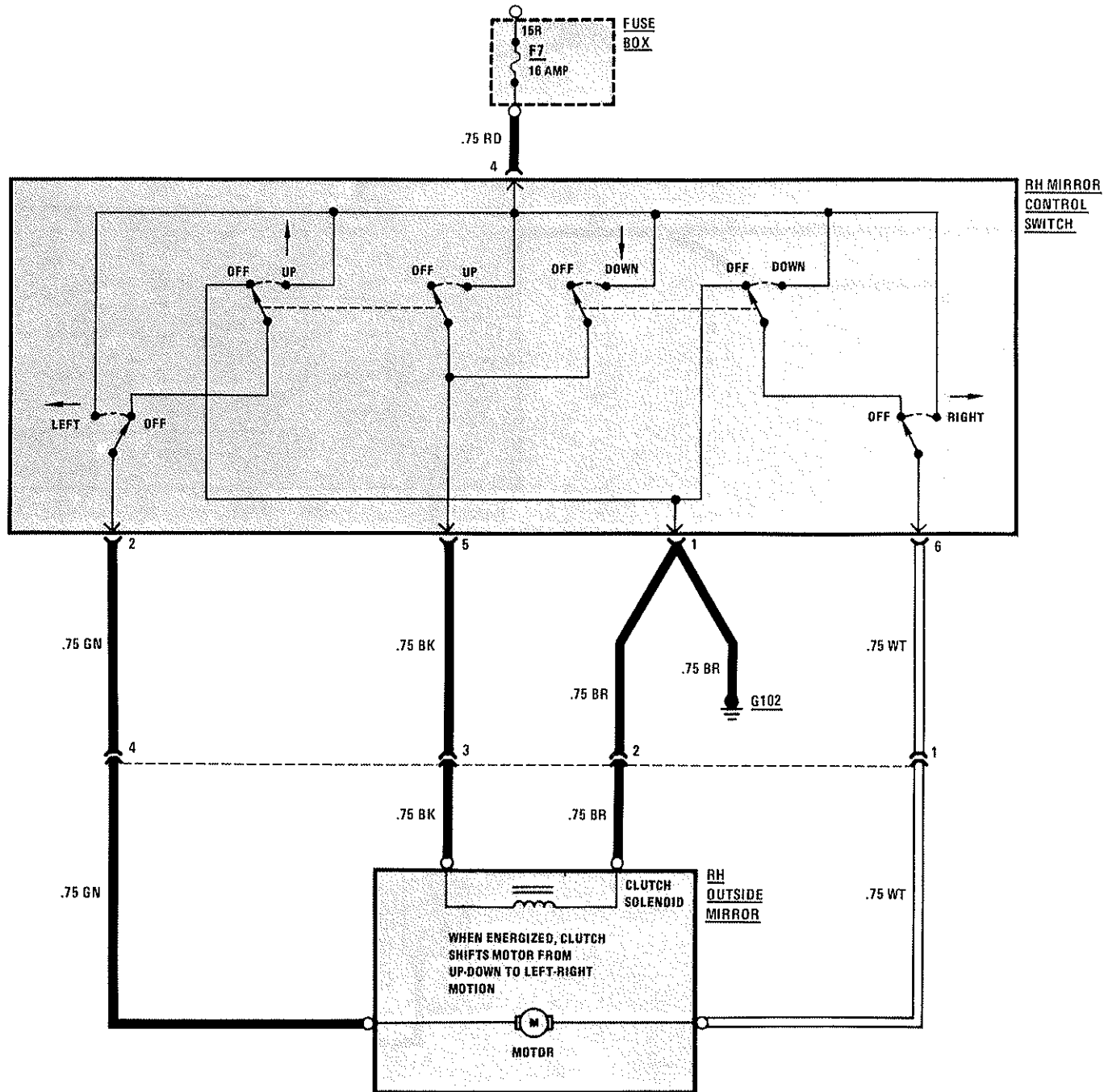


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380
SEL/SEC

RH OUTSIDE MIRROR

(For Component Locations See Page 206)

HOT IN ACCY. RUN OR START

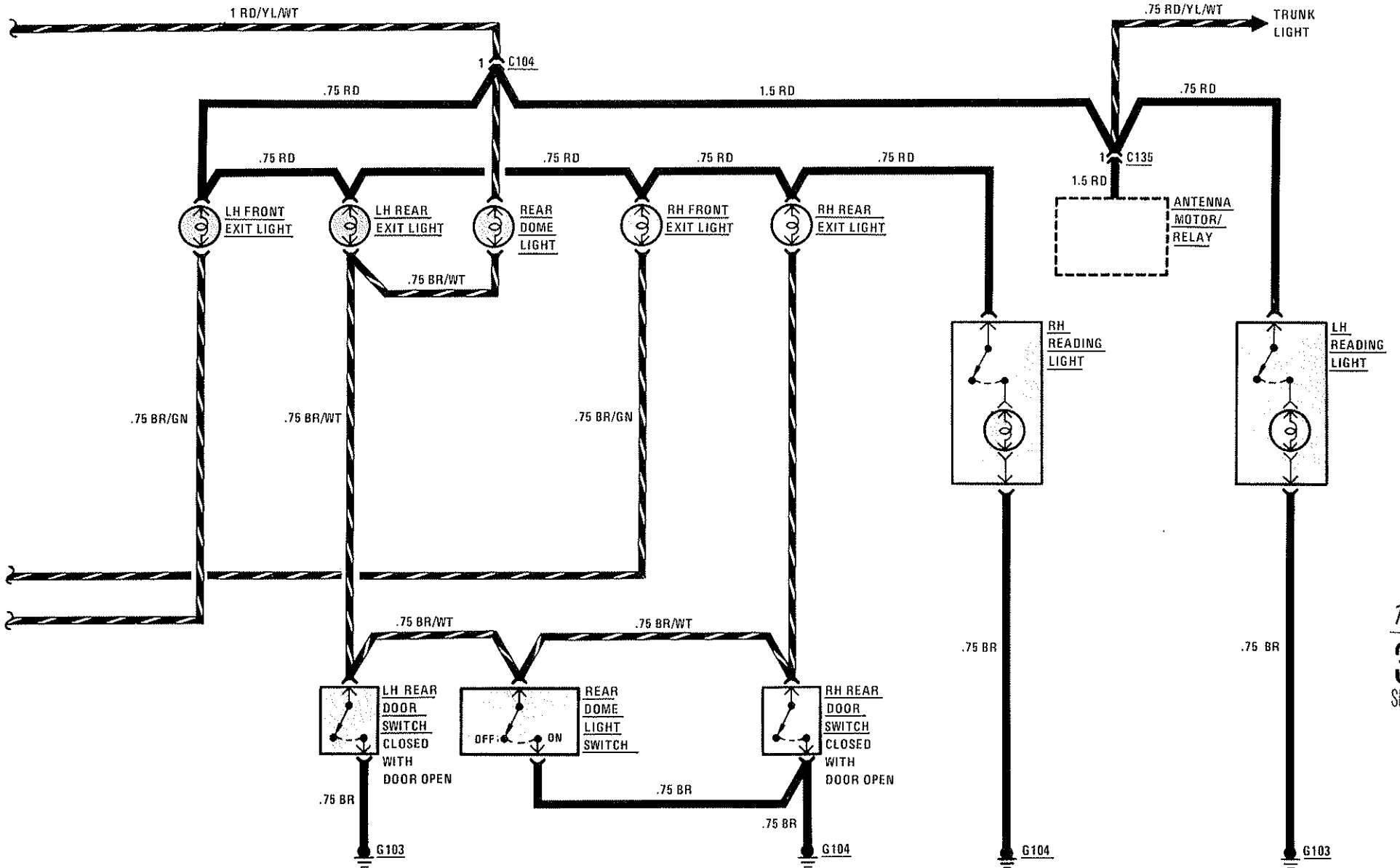


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SEL/SEC

COURTESY LIGHTS

(For Component Locations See Page 202)

380 SEL

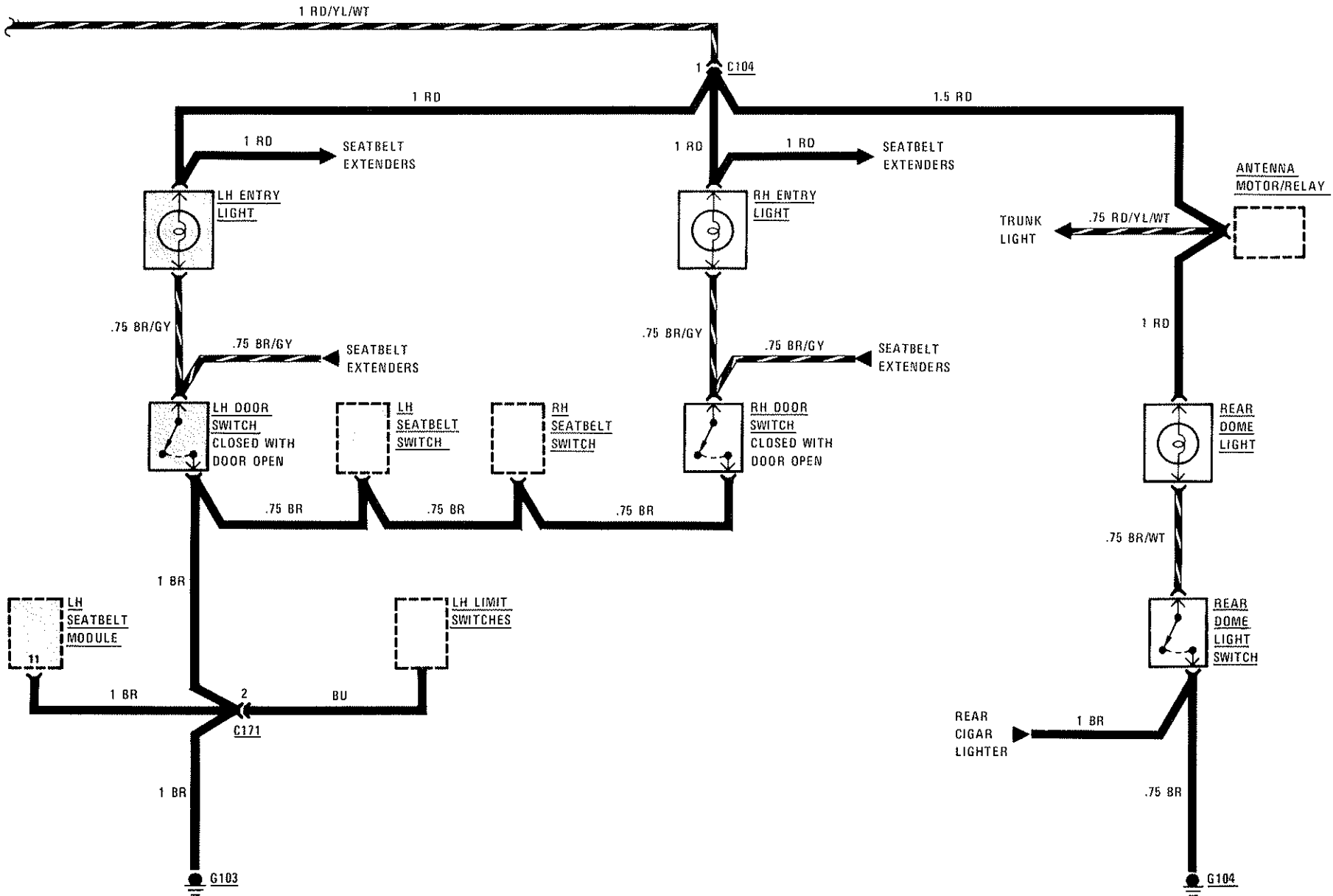


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SEL/SEC

COURTESY LIGHTS

(For Component Locations See Page 202)

380 SEC



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380
SEE/SEC

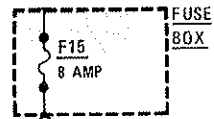
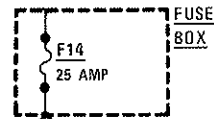
SEATBELT EXTENDERS

(For Component Locations See Page 206)

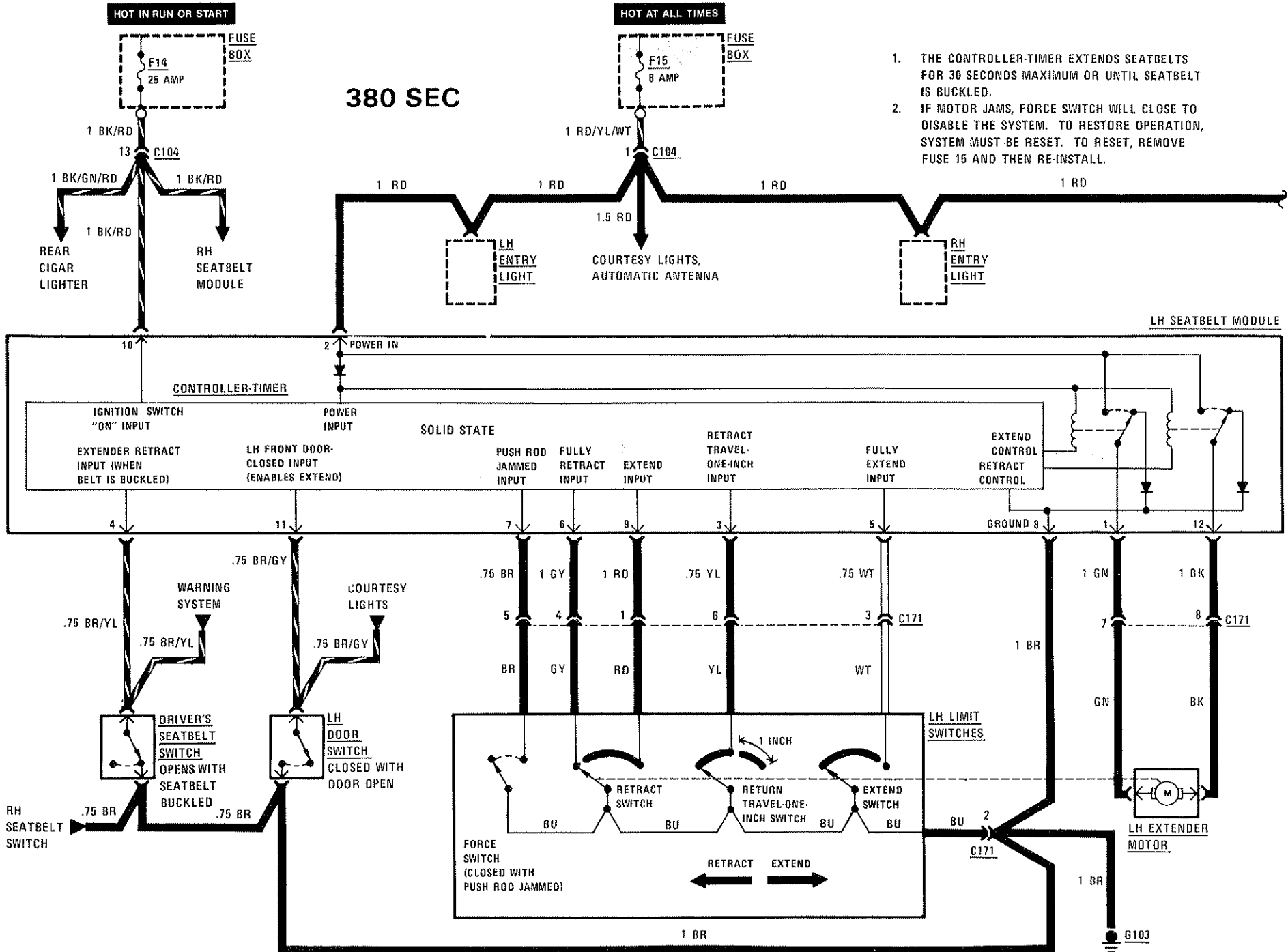
380 SEC

HOT IN RUN OR START

HOT AT ALL TIMES



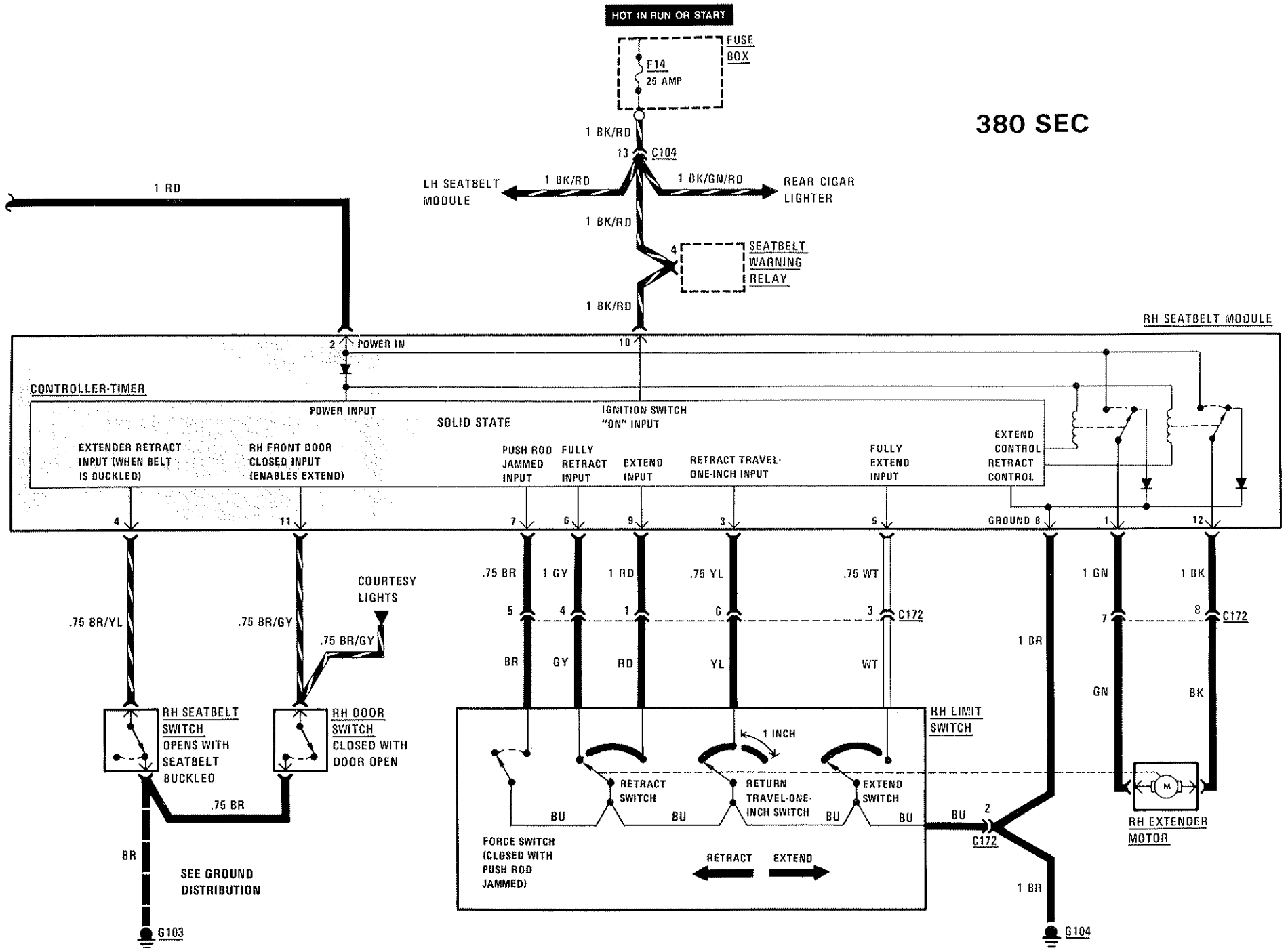
1. THE CONTROLLER-TIMER EXTENDS SEATBELTS FOR 30 SECONDS MAXIMUM OR UNTIL SEATBELT IS BUCKLED.
2. IF MOTOR JAMS, FORCE SWITCH WILL CLOSE TO DISABLE THE SYSTEM. TO RESTORE OPERATION, SYSTEM MUST BE RESET. TO RESET, REMOVE FUSE 15 AND THEN RE-INSTALL.



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380
SEL/SEC

SEAT BELT EXTENDERS

(For Component Locations See Page 206)



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SEL/SEC

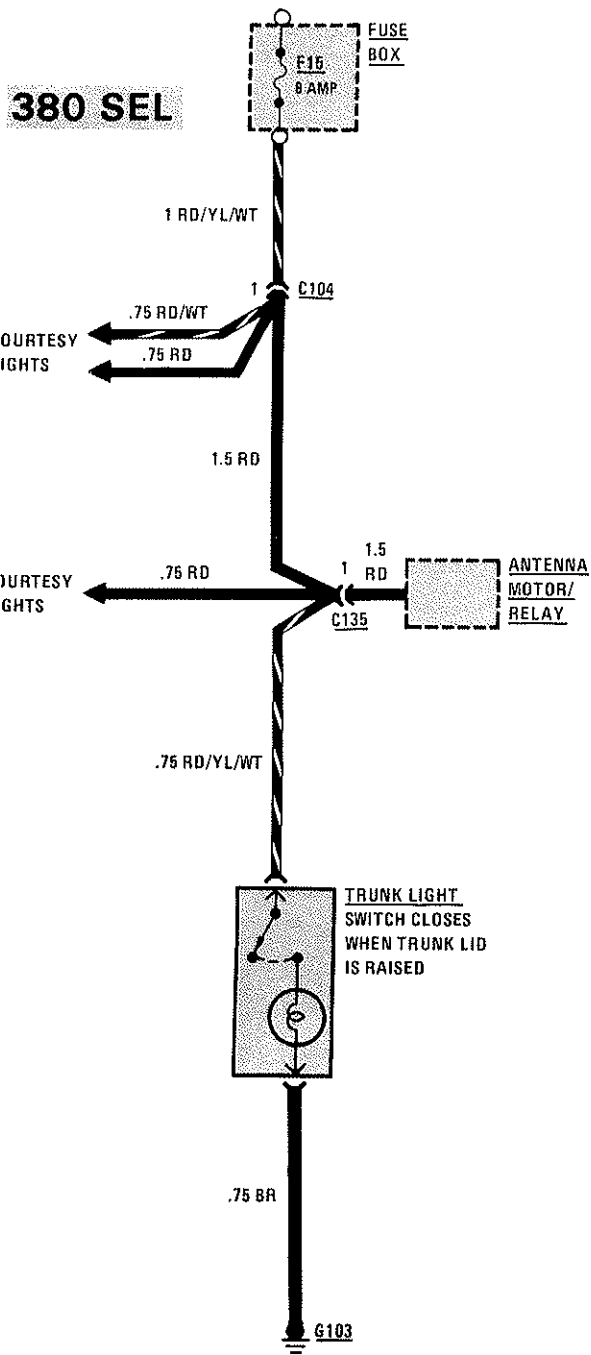
TRUNK LIGHT

(For Component Locations See Page 208)

REAR CIGAR LIGHTER

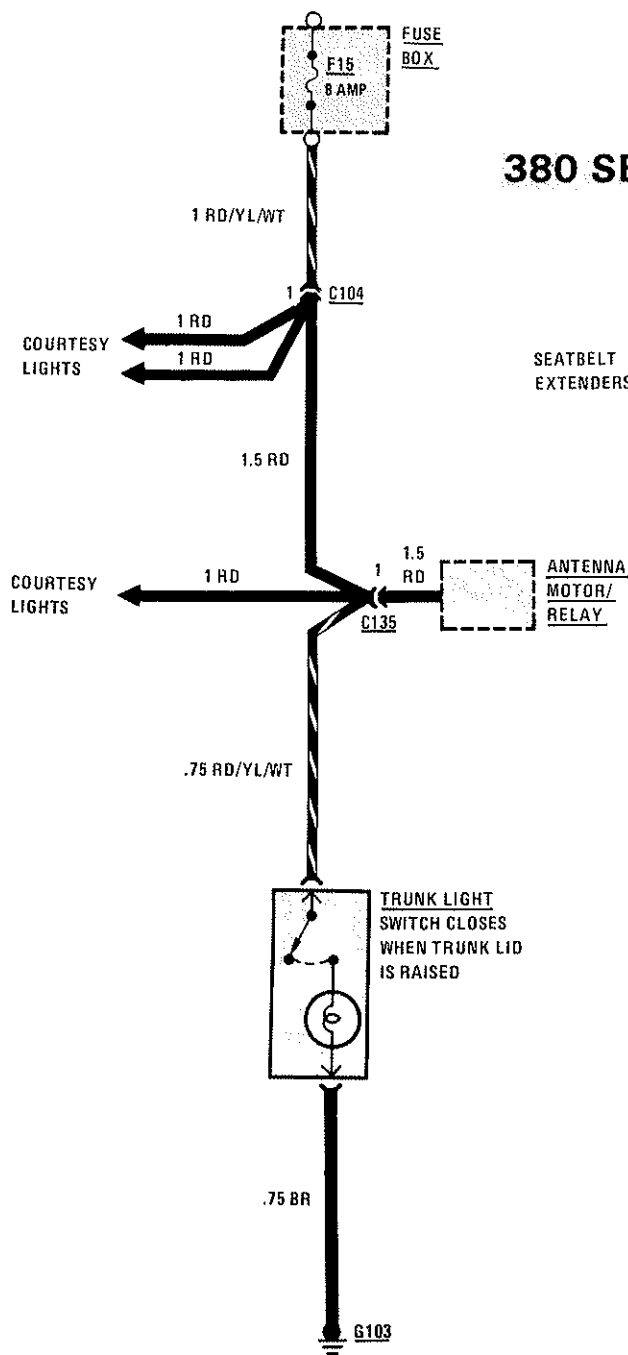
HOT AT ALL TIMES

380 SEL

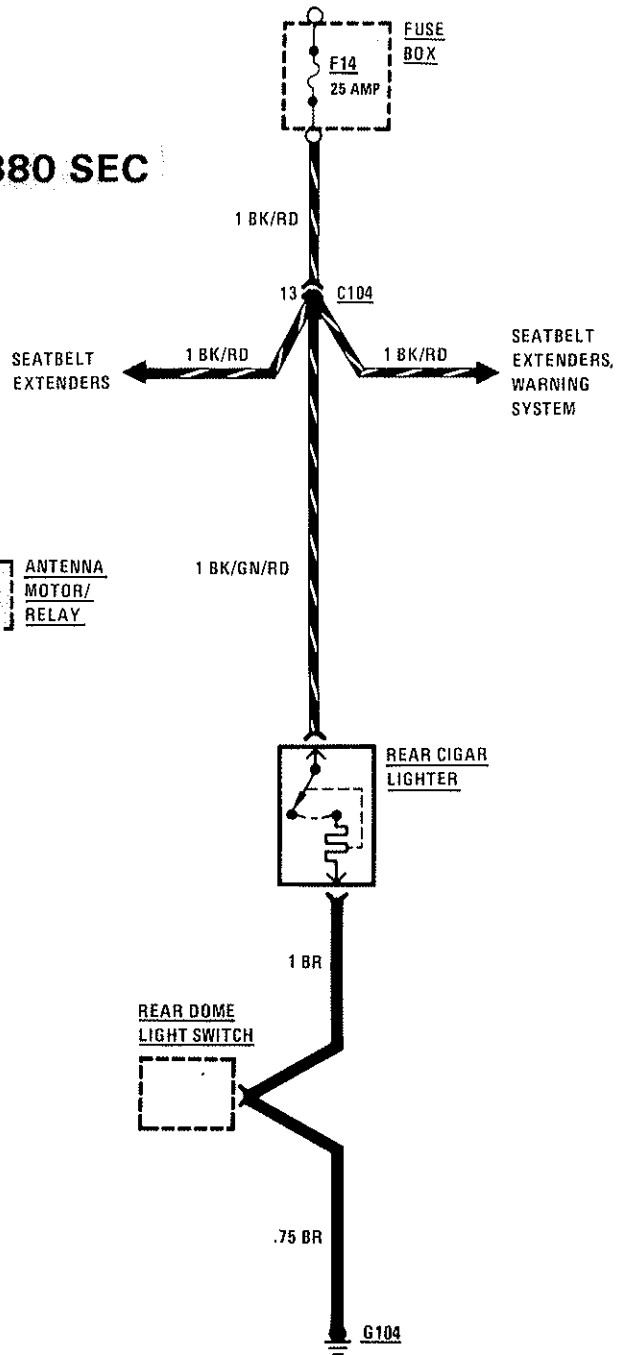


HOT AT ALL TIMES

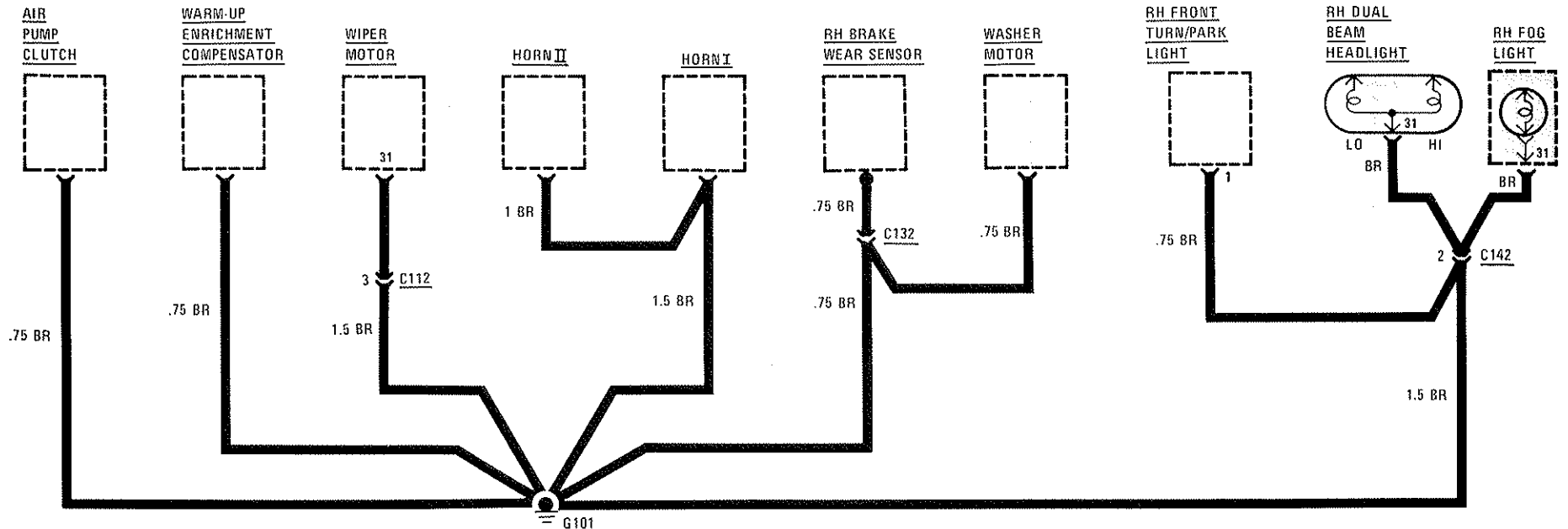
380 SEC



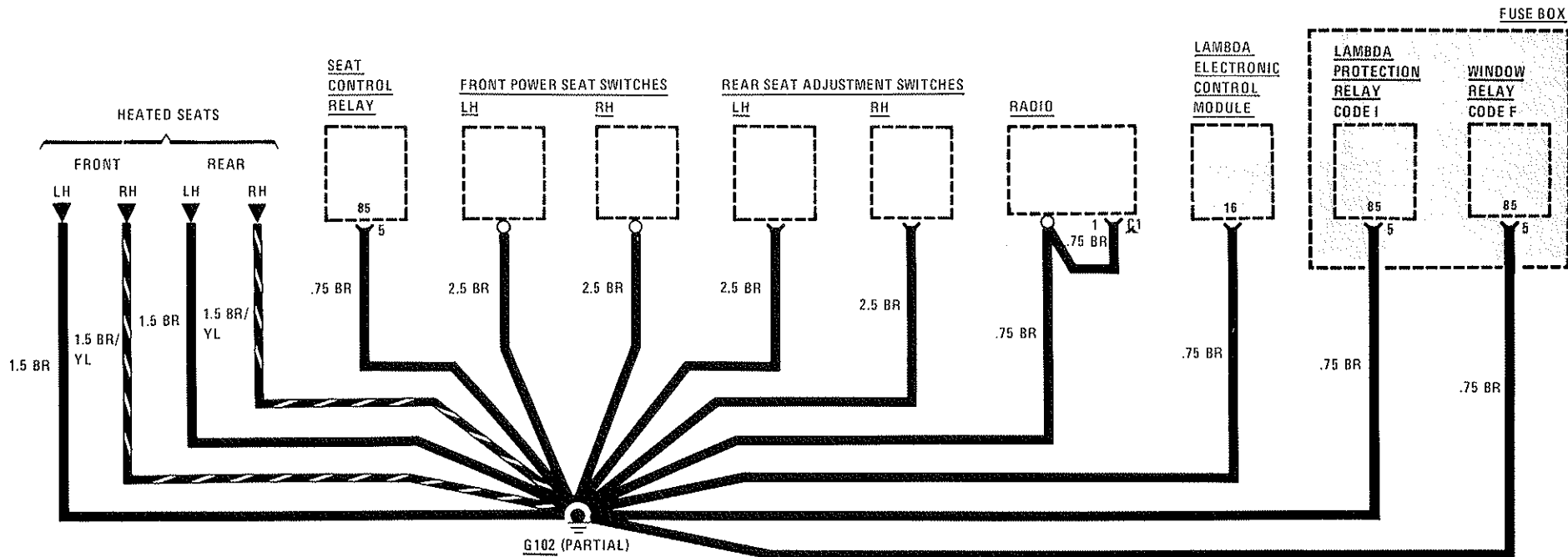
HOT IN RUN OR START



GROUND DISTRIBUTION



G101
RH FRONT FENDER BEHIND HEADLIGHT

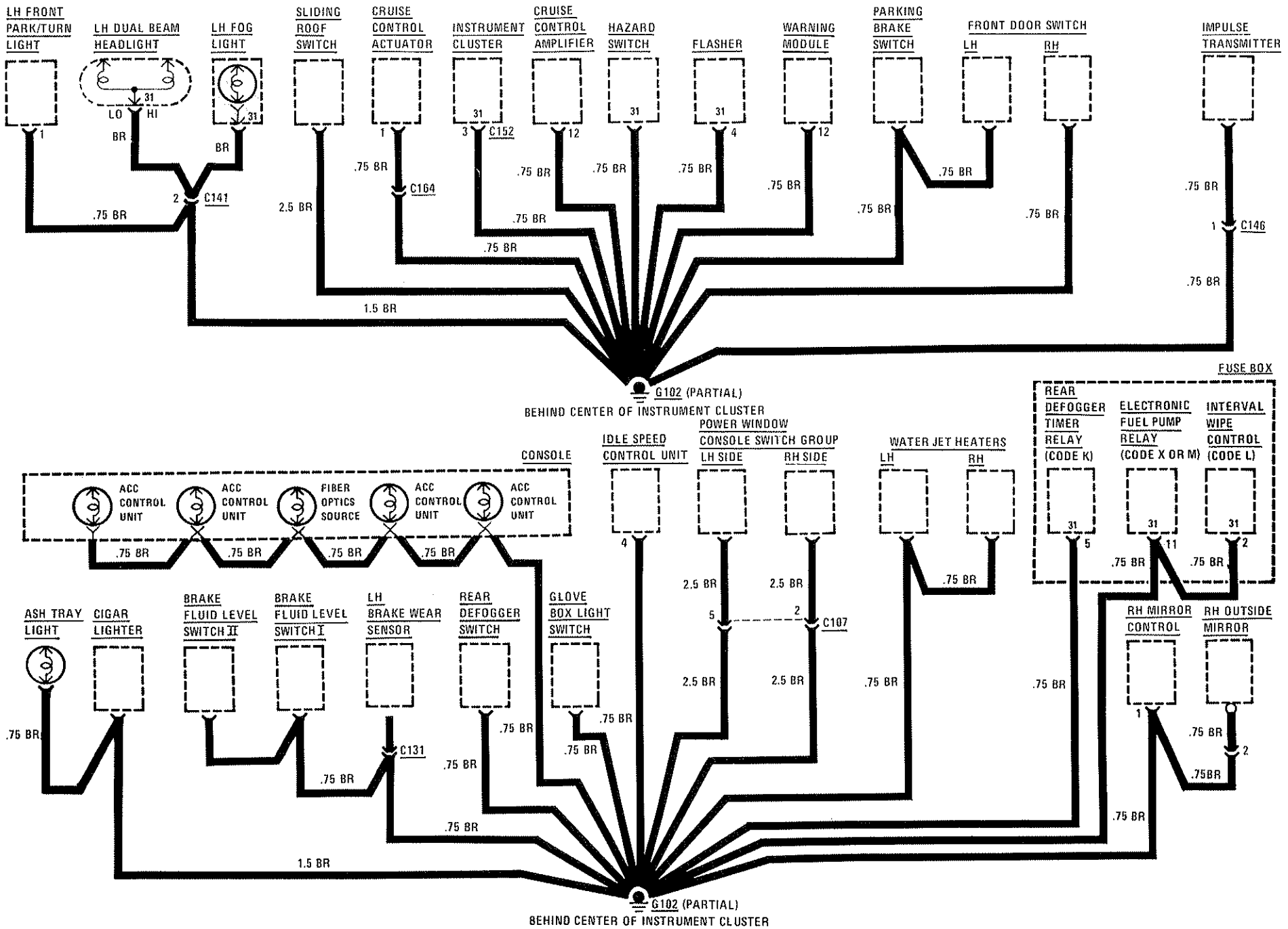


G102 (PARTIAL)
BEHIND CENTER OF INSTRUMENT CLUSTER

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SEL/SEC

FUSE BOX

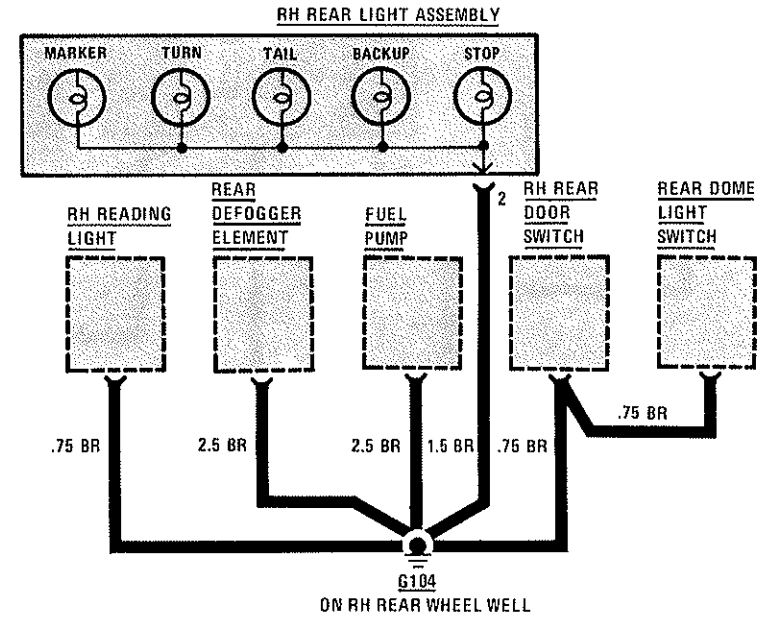
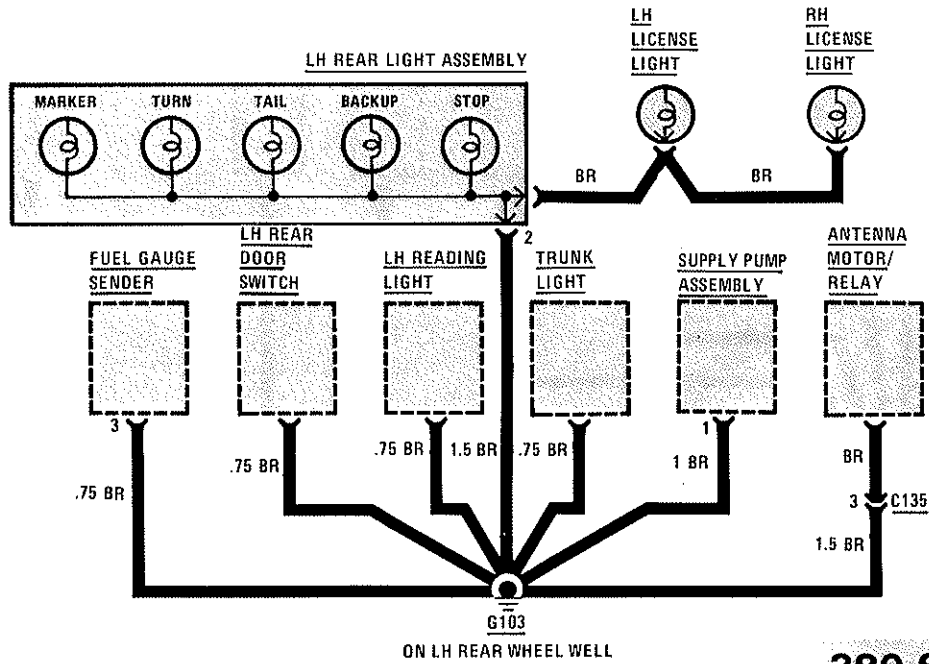
GROUND DISTRIBUTION



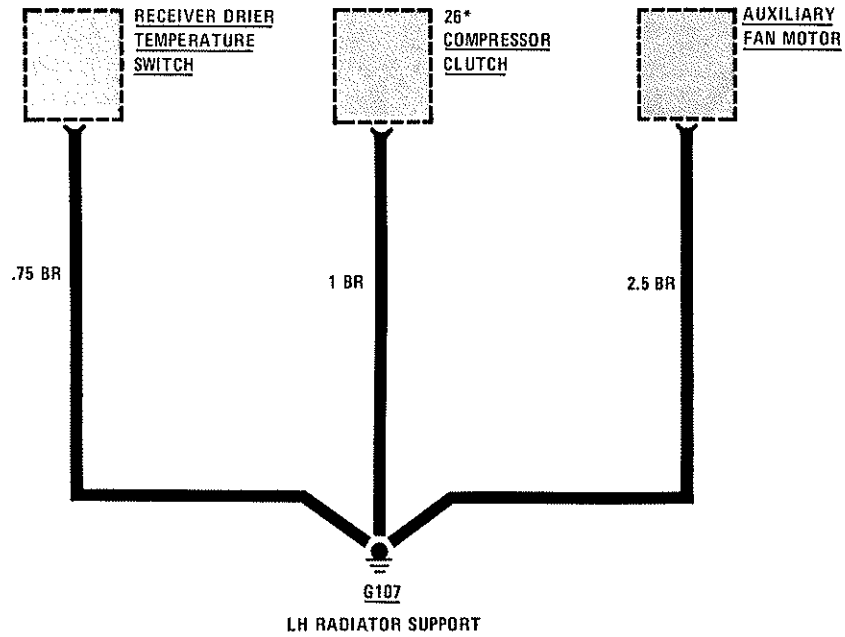
149
380
SEL/SEC

GROUND DISTRIBUTION

380 SEL



380 SEL/SEC

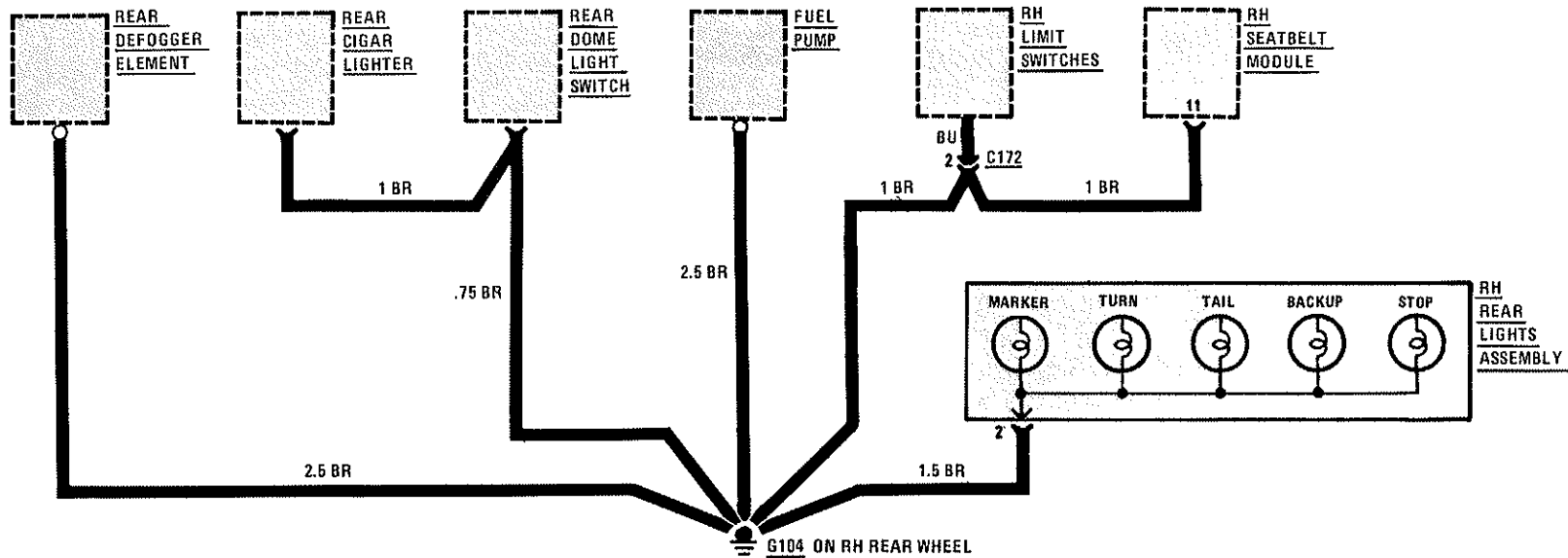
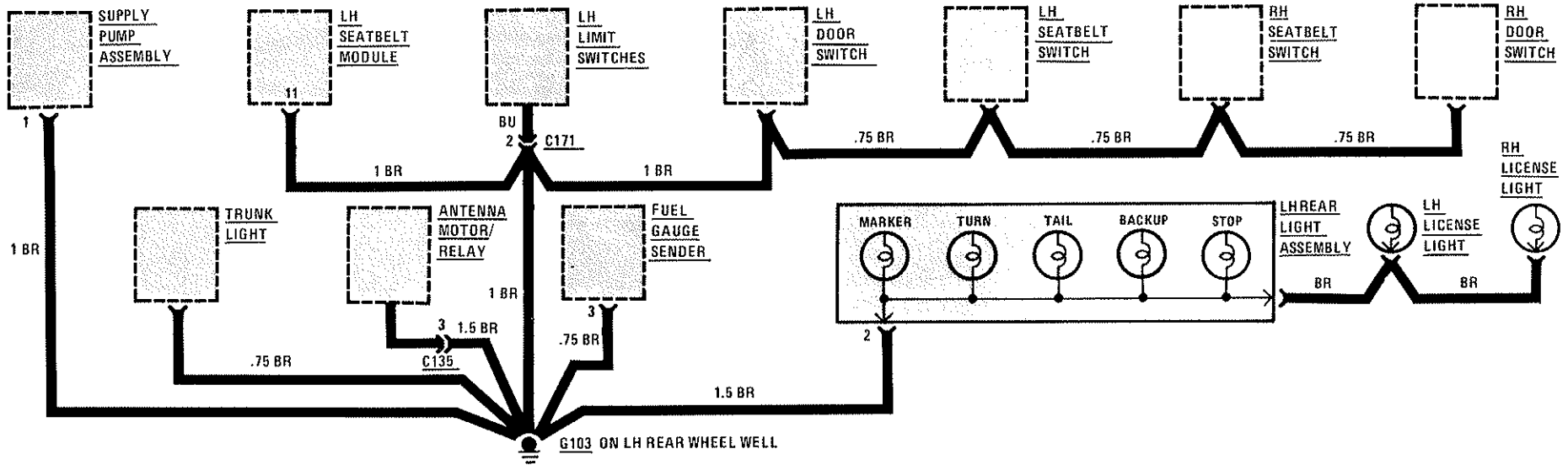


150
380
SEL/SEC

* INDICATES TRAINING NUMBER

GROUND DISTRIBUTION (G103, G104)

380 SEC



151

380
SEL/SEC

COMPONENT LOCATIONS

AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION Page-Figure

Air Pump Clutch	Below alternator	212-6
Coolant Temperature Switch .	RH rear of engine	211-5
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Idle Speed Adjuster		
Solenoid	Top of engine, at throttle body	210-2
Idle Speed Control Unit	Rear center of engine compartment	211-2
Lambda Electronic Control		
Module	RH side of passenger's footwell	211-1
Switchover Valve Solenoid.	LH front wheel well behind headlights	212-5
G101	On radiator support near RH headlights	202-2
G102	Behind instrument cluster	206-2
G106	LH front wheel well	201-2

AUXILIARY FAN

Auxiliary Fan Temperature		
Switch	On water outlet	211-3
Auxiliary Fan Motor	Front of radiator	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Pre-Resistor	Under power brake booster	212-4
Receiver Drier Temperature		
Switch	Behind LH headlights	213-2
G107	LH radiator support	205-1

BACKUP LIGHTS/HORNS/GLOVE BOX LIGHT

Fuse Box	LH rear corner of engine compartment..	100-1, 207-2
Horn Switch	In steering wheel	
Slip Rings	Behind center of steering wheel	
Starter Lockout/Backup		
Light Switch	LH side of transmission	202-1
C106 (14 pins)	LH side of driver's footwell	207-1
C146 (6 pins)	RH side of driver's footwell	208-1
G101	Behind RH headlight	202-2
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

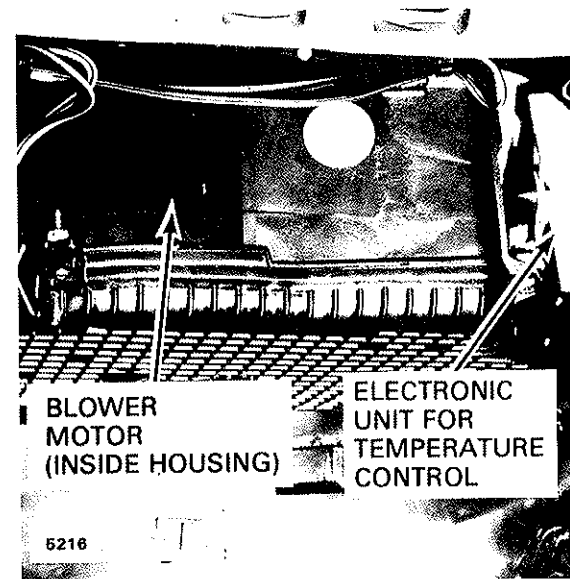


Figure 1 - Passenger's Footwell

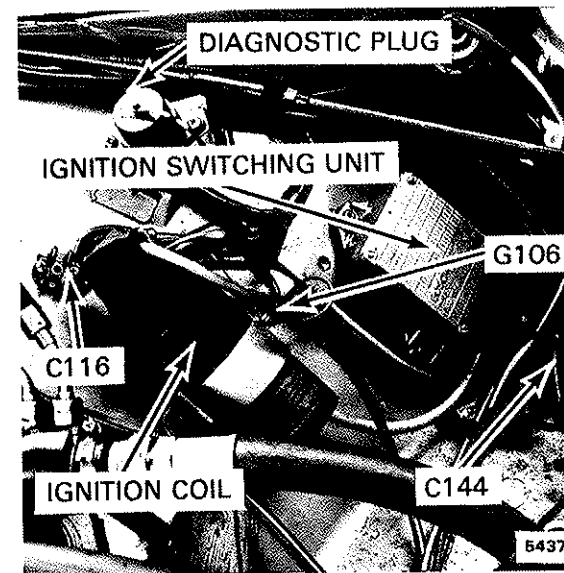


Figure 2 - RH Front Wheel Well

COMPONENT LOCATIONS

CENTRAL LOCKING SYSTEM

Page-Figure

Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Supply Pump Assembly	In spare tire well	209-2
G103	LH rear wheel well	209-1

CHARGING SYSTEM

Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Starter Assembly	Lower RH rear of engine	
C100 (2 terminals)	Under fuse box	204-2
C105 (4 terminals)	RH front wheel well	204-1
G100	RH rear corner of engine compartment.....	210-4

COURTESY LIGHTS

Antenna Motor/Relay	LH rear wheel well	209-1
Door Switches	In each door jamb	
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
Parking Brake Switch	On parking brake support	
Warning Module	LH side of driver's footwell	207-1
C104 (14 pins)	LH side of driver's footwell	207-1
C135 (6 pins).....	Above LH rear wheel well	209-1
C156 (1 pin).....	Under LH side of instrument panel	
C157 (1 pin).....	Under RH side of instrument panel	
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2
G111	Windshield header	

202 FRONT CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

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SEL/SEC

Antenna Motor/Relay	LH rear wheel well	209-1
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C135 (6 pins).....	Above LH rear wheel well	209-1
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1

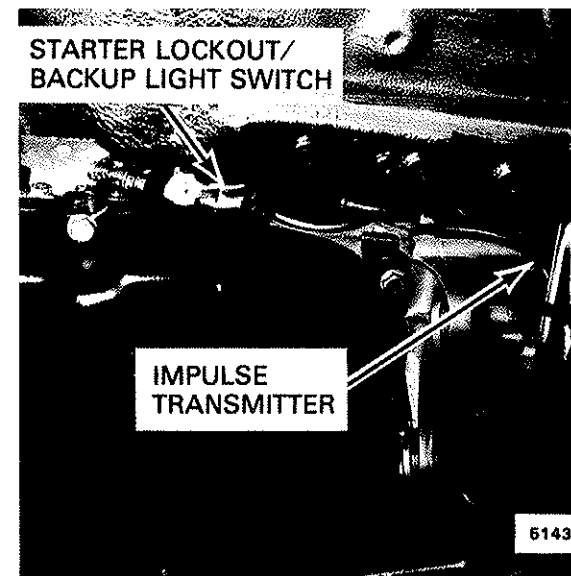


Figure 1 - LH Side of Transmission

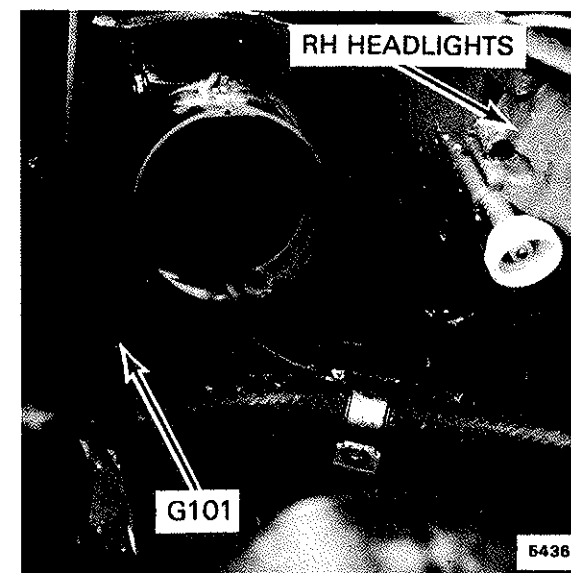


Figure 2 - Left of RH Head Lights,
on Radiator Support Bracket

COMPONENT LOCATIONS

HEADLIGHTS/FOG LIGHTS

Combination Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment ... 100-1,	207-2
C106 (14 pins)	LH side of driver's footwell	207-1
C141 (4 pins).....	Behind LH headlights	212-5
C142 (4 pins).....	Behind RH headlights	
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins).....	Rear of instrument cluster	206-2
G101	Behind RH headlights	202-2
G102	Behind instrument cluster	206-2

HEATED SEATS

Fuse Box	LH rear corner of engine compartment... 100-1,	207-2
Seat Heaters.....	In each seat cushion	
Seat Heater Switches	On center console	
G102	Behind instrument cluster	206-2

IGNITION/FUEL DELIVERY/TRANSMISSION KICKDOWN

Diagnostic Plug.....	LH front wheel well	201-2
Fuel Pump.....	To right of differential	205-2
Fuse Box	LH rear corner of engine compartment ... 100-1,	207-2
Idle Speed Control Unit	Rear center of engine compartment.....	211-2
Ignition Coil	LH front wheel well	201-2
Ignition Switching Unit.....	Behind LH headlights	201-2
Kickdown Solenoid	RH rear of transmission	203-1
Kickdown Switch.....	Under accelerator pedal.....	208-1
Warm-Up Enrichment		
Compensator	Top of engine, in front of throttle body.....	211-3
C100 (2 terminals)	Under fuse box	204-2
C104 (14 pins).....	LH side of driver's footwell.....	208-1
C116 (2 terminals)	LH front wheel well	201-2
C146 (6 pins).....	RH side of driver's footwell	208-1
G101	Behind RH headlights	202-2
G102	Behind instrument cluster	206-2
G104	RH rear wheel well	203-2
G106	LH front wheel well	201-2



Figure 1 - Rear RH Side of Transmission

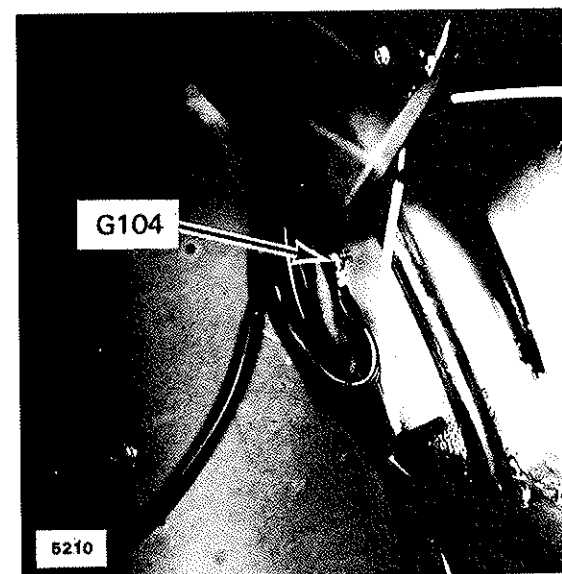


Figure 2 - RH Rear Wheel Well

COMPONENT LOCATIONS

ILLUMINATION: INSTRUMENT CLUSTER/ CENTER CONSOLE

Page-Figure

Fuse Block	LH rear corner of engine compartment ..	100-1, 207-2
C107 (6 pins)	Center console	
C108 (2 pins)	Center console	
C124 (1 terminal)	Behind LH side of instrument panel	
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins)	Rear of instrument cluster	206-2
G102	Behind instrument cluster	206-2

LAMBDA CONTROL

Diagnostic Plug	LH front wheel well	201-2
Frequency Valve	Left of throttle body	211-3
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Lambda Electronic Control		
Module (ECM)	RH side of passenger's footwell	211-1
Oil Temperature Switch	Next to oil filter	
Oxygen Sensor	Attached to catalytic converter	
Throttle Switch	At throttle body	
C100 (2 terminals)	Under fuse box	204-2
C143 (1 pin)	Under car, behind RH front wheel well	
C144 (3 pins)	Below battery	
G102	Behind instrument cluster	206-2
G108	Front top of engine near distributor	210-2

LIGHTS: MARKER/LICENSE

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

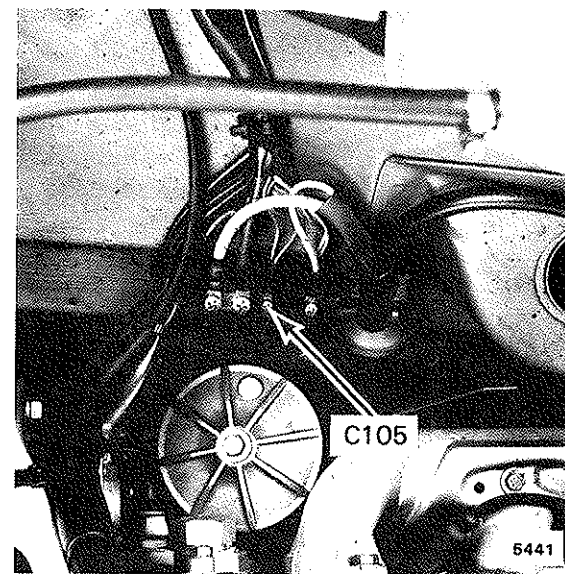


Figure 1 - RH Front Wheel Well

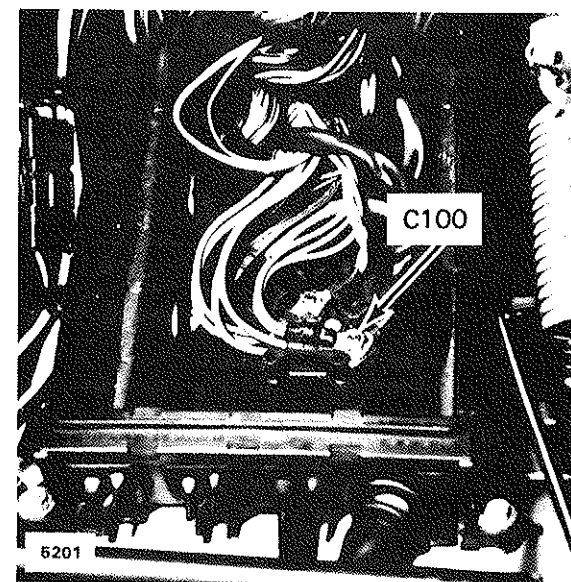


Figure 2 - Under Fuse Box

COMPONENT LOCATIONS

LIGHTS: PARK/TAIL

		Page-Figure
Fuse Box	LH rear corner of engine compartment ...	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C141 (4 pins)	Behind LH headlights	212-5
C142 (4 pins)	Behind RH headlights	
G101	Behind RH headlights	202-2
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

POWER DISTRIBUTION

Fuse Box	LH rear of corner of engine compartment .100-1,	207-2
Starter Assembly	Lower RH rear of engine	
C100 (2 terminals)	Under fuse box	204-2
C105 (4 terminals)	RH front wheel well	204-1
C104	LH side of driver's footwell.....	208-1
G100	RH rear corner of engine compartment.....	210-4

POWER SEATS

Fuse Box	LH rear corner of engine compartment.....	207-2
Power Seat Motors	Under front seats	
C100 (2 terminals)	Under fuse box	204-2
C156 (1 pin)	Under LH side of instrument panel	
C157 (1 pin)	Under RH side of instrument panel	
G102	Behind instrument cluster	206-2

POWER WINDOWS

Console Switch Group	On center console	
Fuse Box	LH rear corner of engine compartment100-1,	207-2
Rear Switches	Below each rear window	
Window Motors	Below each window	
C100 (2 terminals)	Under fuse box	204-2
C107 (6 pins)	In center console	
C108 (2 pins)	In center console.....	
C169 (6 terminals)	Behind LH rear side cover panel	211-6
C170 (6 terminals)	Behind RH rear side cover panel	
G102	Behind instrument cluster	206-2

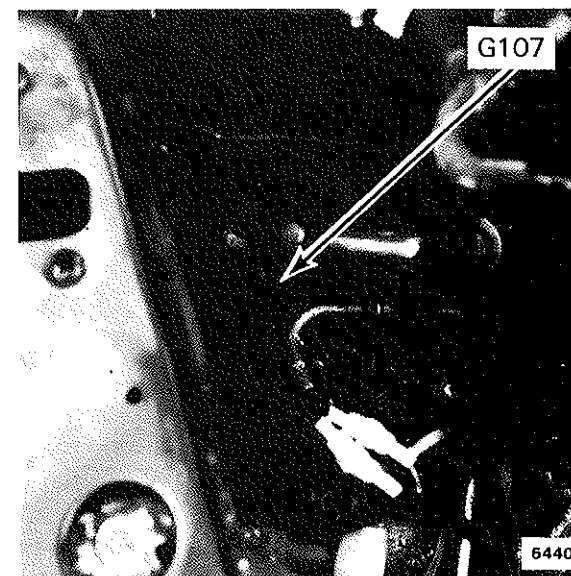


Figure 1 - Left of RH Headlights On Radiator Support

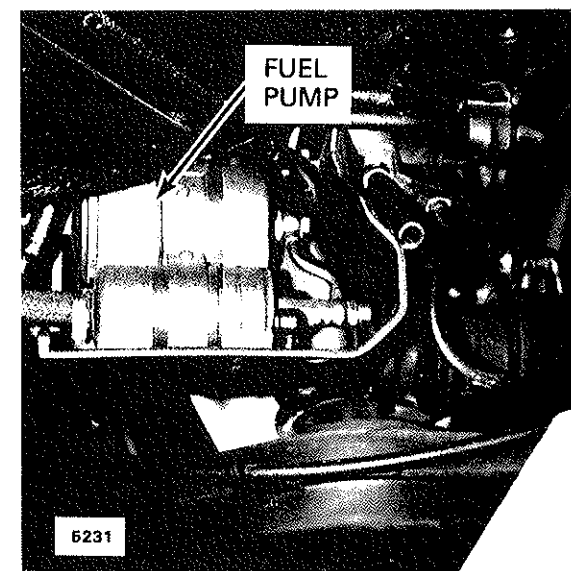


Figure 2 - To Right of Differential

COMPONENT LOCATIONS

REAR DEFOGGER/SLIDING ROOF

Page-Figure

Fuse Box	LH rear of corner of engine compartment	.100-1, 207-2
Sliding Roof Motor	Front LH side of trunk	
Sliding Roof Switch	On upper console	
C104 (14 pins)	LH side of driver's footwell	208-1
C168 (2 pins)	Above LH rear wheel well	209-1
G102	Behind instrument cluster	206-2
G104	RH rear wheel well	203-2

REAR SEAT ADJUSTMENT

Fuse Box	LH rear corner of engine compartment	...100-1, 207-2
Rear Seat Motor	Under rear seat	206-1
C124 (1 terminal)	Behind LH side of instrument panel	
C163 (2 terminals)	Under RH side of rear seat	206-1
G102	Behind instrument cluster	206-2

RH OUTSIDE MIRROR

Fuse Box	LH rear corner of engine compartment	...100-1, 207-2
Remote Control Switch	On center console	
G102	Behind instrument cluster	206-2

SEAT BACKREST LOCKING SYSTEM

Warning Module	LH side of driver's footwell	207-1
Door Switches	In each door jamb	
Fuse Box	LH rear corner of engine compartment	...100-1, 207-2
Switchover Valve	Under LH side of instrument panel	207-1
C156 (1 pin)	Under LH side of I/P	
C157 (1 pin)	Under RH side of I/P	
G102	Behind instrument cluster	206-2

SEATBELT EXTENDERS

Fuse Box	LH rear corner of engine compartment	...100-1, 207-2
LH Seatbelt Module	Behind LH rear side panel	212-3
LH Extender Motor	Behind LH rear side panel	211-6
Driver's Seatbelt Switch	In LH seatbelt buckle	

(Chart continued on next page)

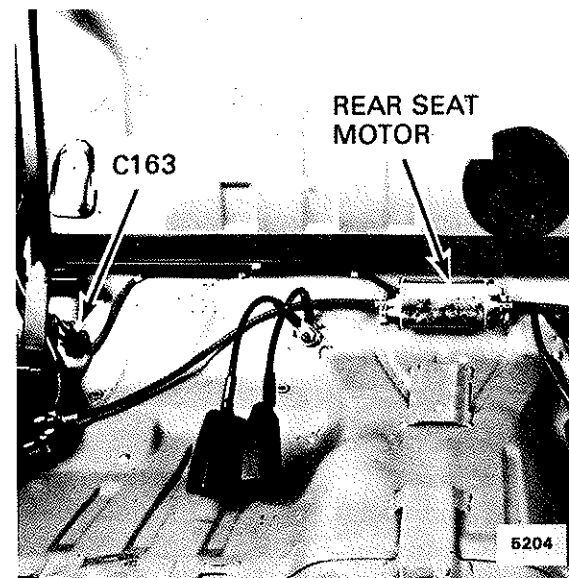


Figure 1 - Under Rear Seat

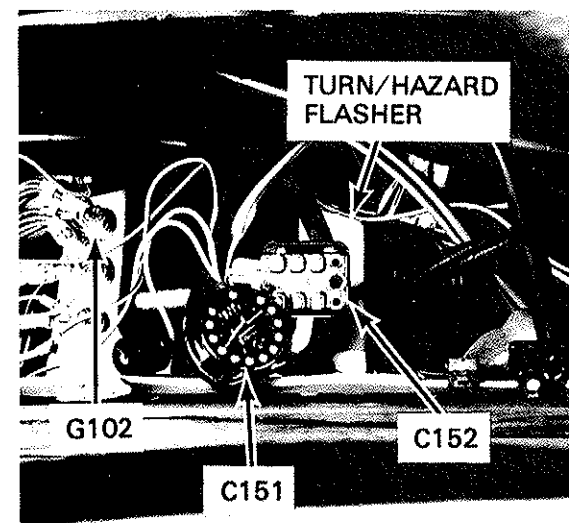


Figure 2 - Behind Instrument Cluster

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SEL/SEC

COMPONENT LOCATIONS

SEATBELT EXTENDERS (continued)

		Page-Figure
RH Seatbelt Switch	In RH seatbelt buckle	211-6
RH Seatbelt Module	Behind RH rear side panel	212-3
RH Extender Motor	Behind RH rear side panel	211-6
LH Limit Switches	On extender arm behind LH rear side panel	211-6
RH Limit Switches	On extender arm behind RH rear side panel	211-6
Door Switch	In each door jamb	
C104 (14 pins)	LH side of driver's footwell	208-1
C106 (14 pins)	LH side of driver's footwell	207-1
C171 (8 pins)	Behind LH rear side panel	212-3
C172 (8 pins)	Behind RH rear side panel	212-3
G102	Behind instrument cluster	206-2

START

Cold Start Valve	Top RH front of engine	210-2
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Starter Assembly	Lower RH side of engine	
Starter Lockout/Backup		
Light Switch	LH side of transmission	202-1
Thermo-Time Switch	Top front of engine	211-3
C100 (2 terminals)	Under fuse box	204-2
C105 (5 terminals)	RH front wheel well	204-1
C146 (6 pins)	RH side of driver's footwell	208-1
G100	RH rear corner of engine compartment	210-4

STOPLIGHTS/CRUISE CONTROL

Brake Switch	Top of brake pedal support	
Cruise Control Actuator	RH front of engine	212-2
Cruise Control Amplifier	LH side of driver's footwell	207-1
Cruise Control Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C140 (6 pins)	Behind LH side of instrument panel	
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins)	Rear of instrument cluster	206-2

(Chart continued on next page)

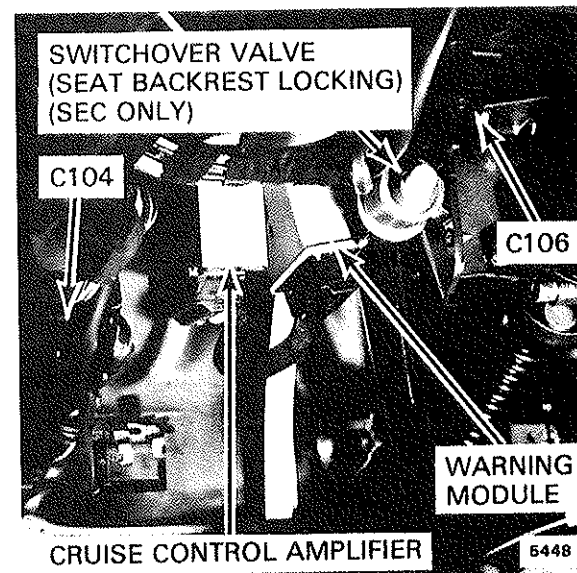


Figure 1 - LH Side of Driver's Footwell

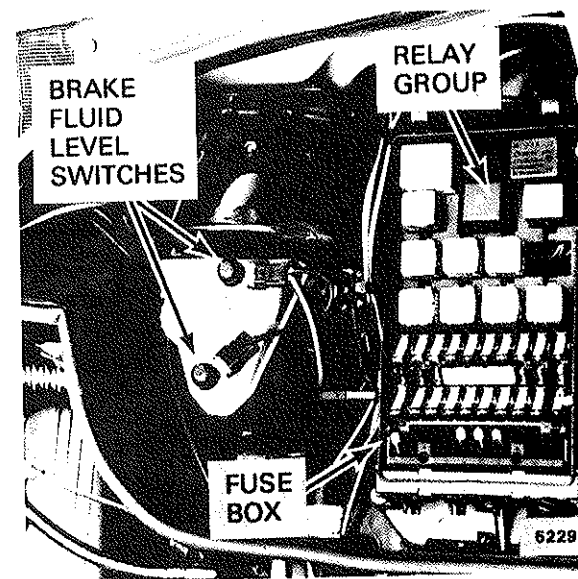


Figure 2 - LH Rear Corner of Engine Compartment

COMPONENT LOCATIONS

STOPLIGHTS/CRUISE CONTROL (continued)

		Page-Figure
C164	RH front wheel well	212-2
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

TRUNK LIGHT/REAR CIGAR LIGHTER

Fuse Box	LH rear corner of engine compartment	100-1, 207-2
C104 (14 pins)	LH side of driver's footwell	208-1
C135 (6 pins)	Above LH rear wheel well	209-1
G103	LH rear wheel well	209-1
G104	RH rear wheel well	207-2

TURN SIGNAL/HAZARD LIGHTS

Combination Switch	Top LH side of steering column	
Flasher	Behind instrument cluster	206-2
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Hazard Switch	On upper console	
C104 (14 pins)	LH side of driver's footwell	208-1
C106 (14 pins)	LH side of driver's footwell	207-1
C141 (4 pins)	Behind LH headlights	212-5
C142 (4 pins)	Behind RH headlights	
C152 (6 pins)	Rear of instrument cluster	206-2
G101	Behind RH headlights	202-2
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G104	RH rear wheel well	203-2

WARNING INDICATORS/GAUGES/CLOCK

Brake Wear Sensors	In front brake pads	
Coolant Temperature Sender	Top front of engine	210-2
Diagnostic Plug	LH front wheel well	201-2
Fuel Gauge Sender	Under first aid kit tray	
Fuse Box	LH rear corner of engine compartment	100-1, 207-2
Ignition Switching Unit	LH front of engine compartment	212-5
Impulse Transmitter	Rear of LH side of transmission	202-1

(Chart continued on next page)

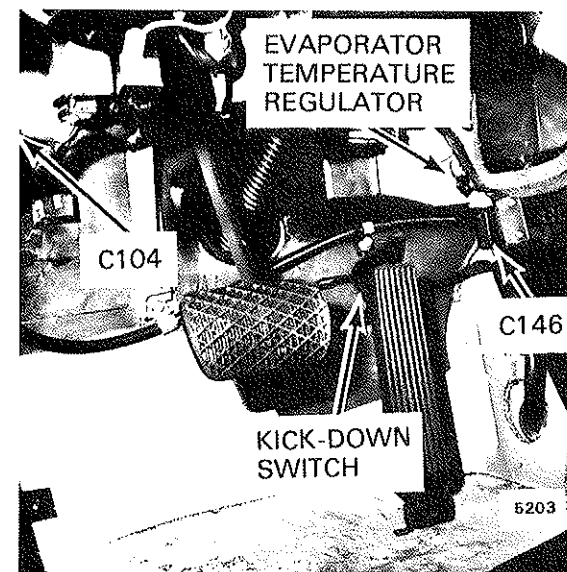


Figure 1 - Driver's Footwell

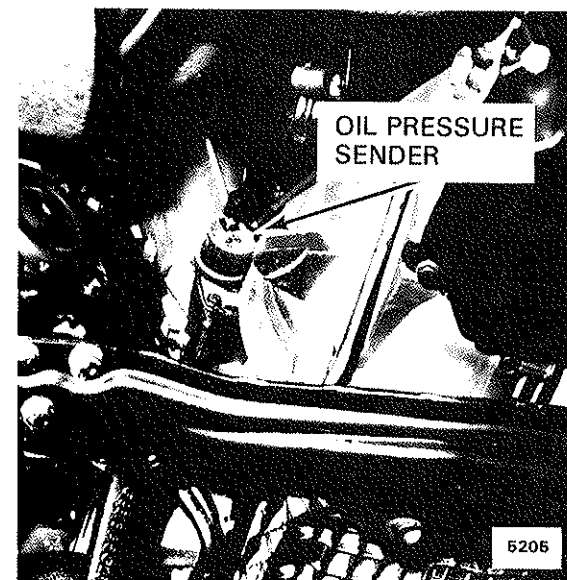


Figure 2 - Lower Rear LH Side of Engine

COMPONENT LOCATIONS

WARNING INDICATORS/GAUGES/CLOCK (continued)

		Page-Figure
Oil Pressure Sender	Lower LH rear of engine	208-2
C104 (14 pins)	LH side of driver's footwell	208-1
C116 (2 pins).....	LH front wheel well	201-2
C131 (2 pins).....	LH front wheel well	212-1
C132 (2 pins).....	RH front wheel well	211-4
C146 (6 pins).....	RH side of driver's footwell	208-1
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins).....	Rear of instrument cluster	206-2
G101	Behind RH headlights	202-2
G102	Behind instrument cluster	206-2
G103	LH rear wheel well	209-1
G106	LH front wheel well	201-2

WARNING SYSTEM (AUDIBLE)

Brake Fluid Level Switches .	Brake fluid reservoir	207-2
Door Switches	In each door jamb	
Driver's Seatbelt Switch.....	In respective seatbelt buckle	
Fuse Box	LH rear corner of engine compartment 100-1,	207-2
Key Warning Switch	Part of ignition switch	210-1
Parking Brake Switch.....	On parking brake support	
Seatbelt Warning Relay	LH side of driver's footwell.....	
Warning Module	LH side of driver's footwell.....	207-1
C104 (14 pins)	LH side of driver's footwell	208-1
C131 (2 pins).....	LH front wheel well	212-1
C151 (15 pins, round)	Rear of instrument cluster	206-2
C152 (6 pins).....	Rear of instrument cluster	206-2
C156 (1 pin).....	Under LH side of instrument panel	
G102	Behind instrument cluster	206-2

WIPER/WASHER

Combination Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment 100-1,	207-2
Interval Wipe Control.....	In fuse box	100-1
RH Brake Wear Sensor	In RH front brake pad	
Washer Motor	In washer fluid reservoir	
Water Jet Heaters.....	In water jets, rear center of hood	210-3

(Chart continued on next page)

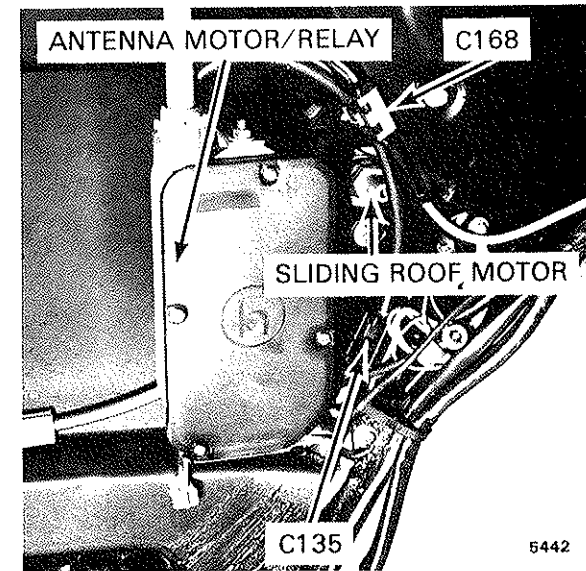


Figure 1 - LH Rear Wheel Well



Figure 2 - Spare Tire Well

COMPONENT LOCATIONS

WIPER/WASHER (continued)

Page-Figure

Wiper Motor	In center of fresh air duct	213-1
C106 (14 pins)	LH side of driver's footwell	207-1
C112 (6 pins).....	To right of power brake booster	213-1
C132 (2 pins).....	RH front wheel well	211-4
G101	Behind RH headlights	202-2
G102	Behind instrument cluster	206-2

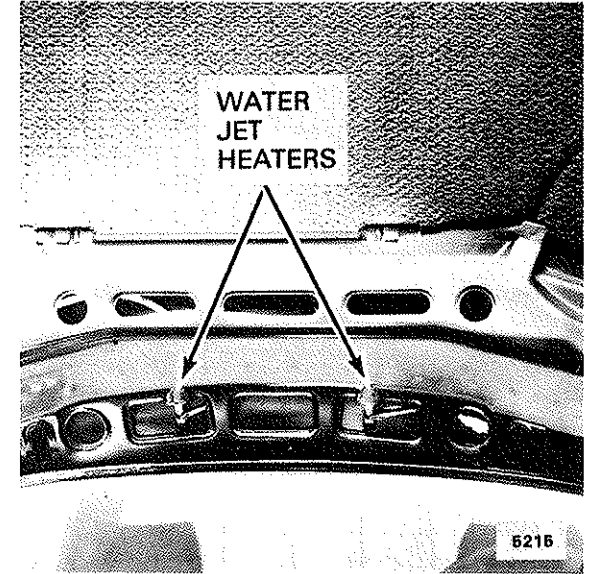


Figure 3 - Rear Center of Hood

210
380
SEL/SEC

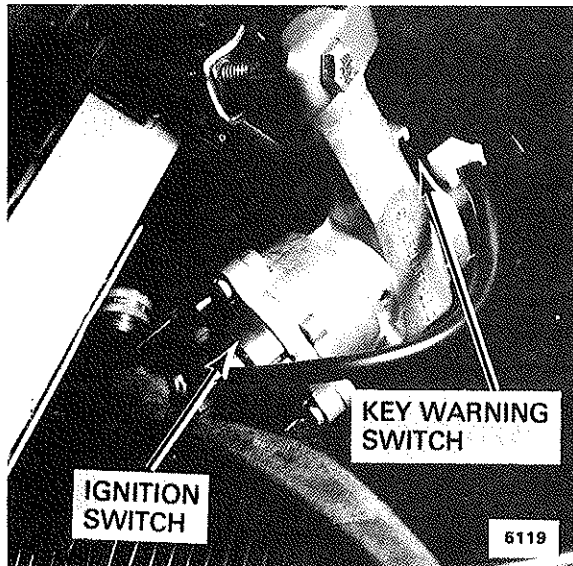


Figure 1 - Behind Instrument Panel

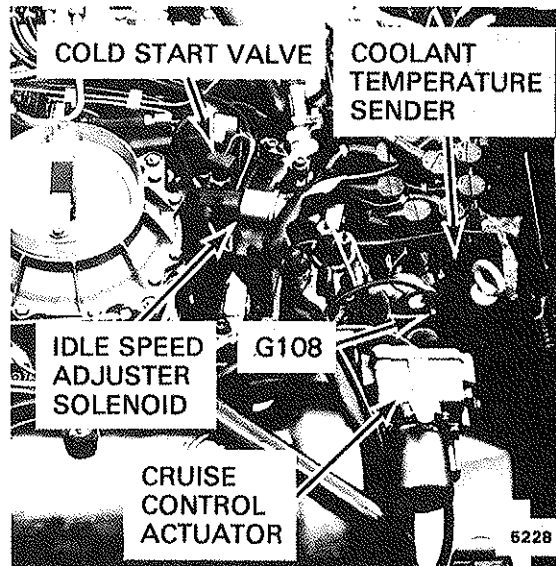


Figure 2 - Top Front of Engine

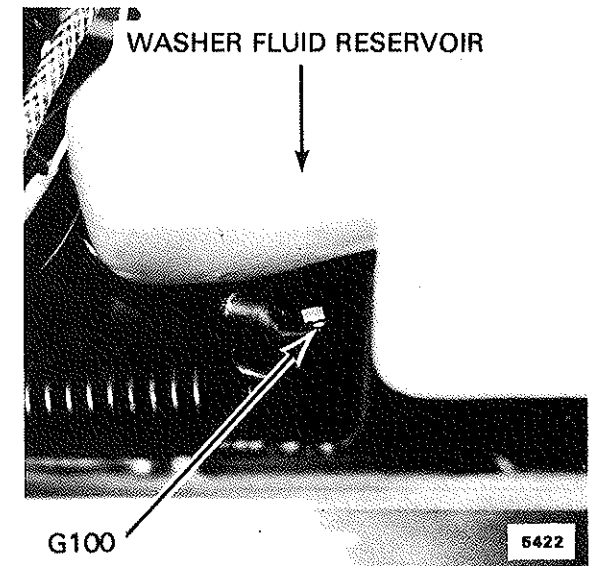


Figure 4 - RH Inner Fender Near Battery
(380 SEC Only)

COMPONENT LOCATIONS

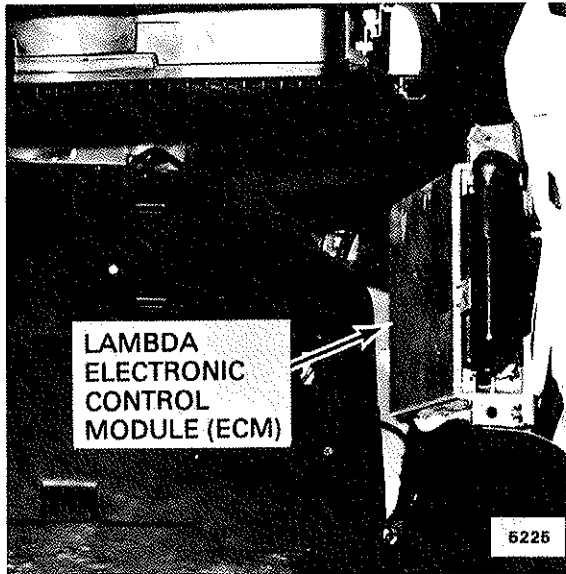


Figure 1 - RH Side of Passenger's Footwell

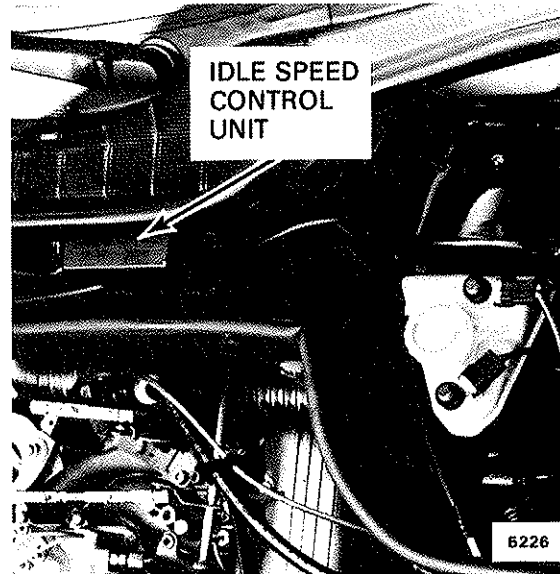


Figure 2 - Rear Center of Engine Compartment

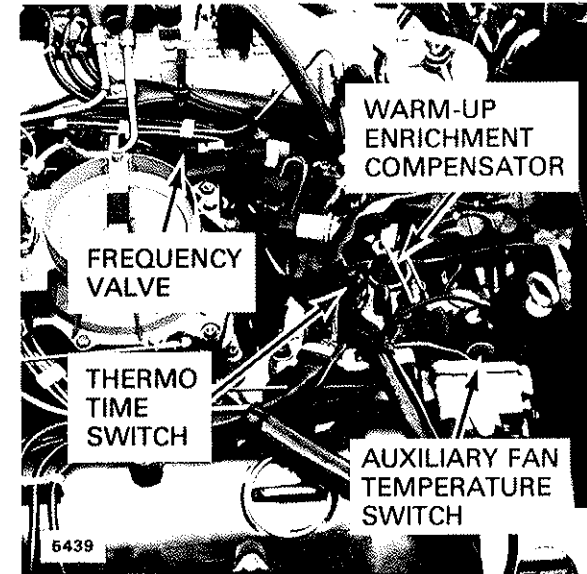


Figure 3 - Top Front of Engine

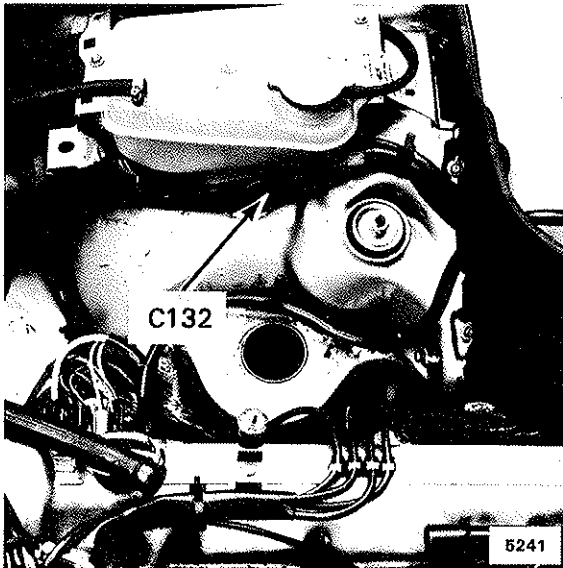


Figure 4 - RH Front Wheel Well

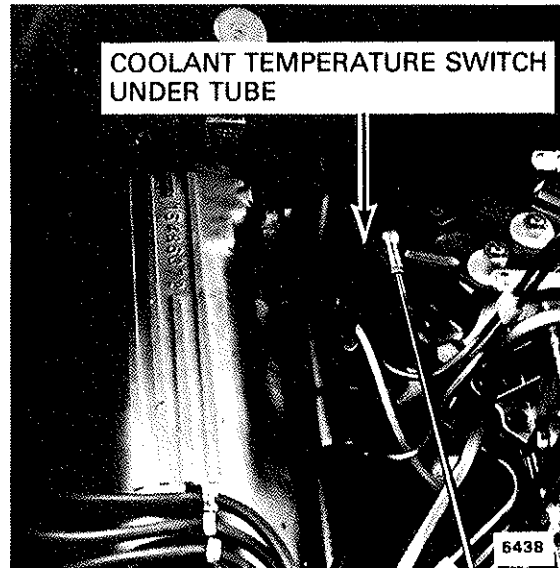


Figure 5 - RH Rear of Engine

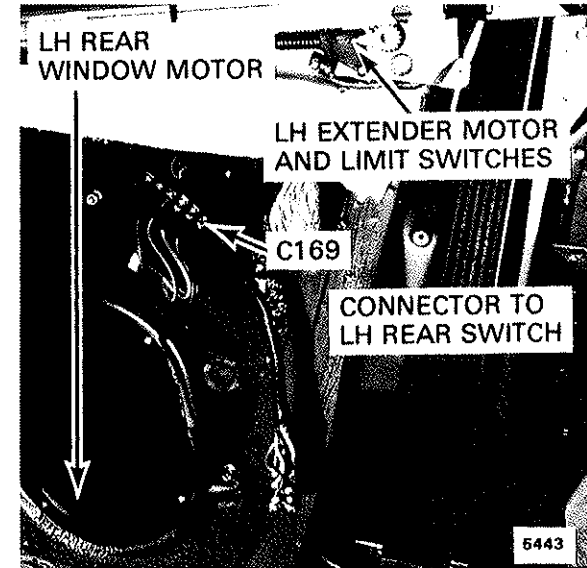


Figure 6 - Behind LH Rear Side Panel (RH Side Similar)

COMPONENT LOCATIONS

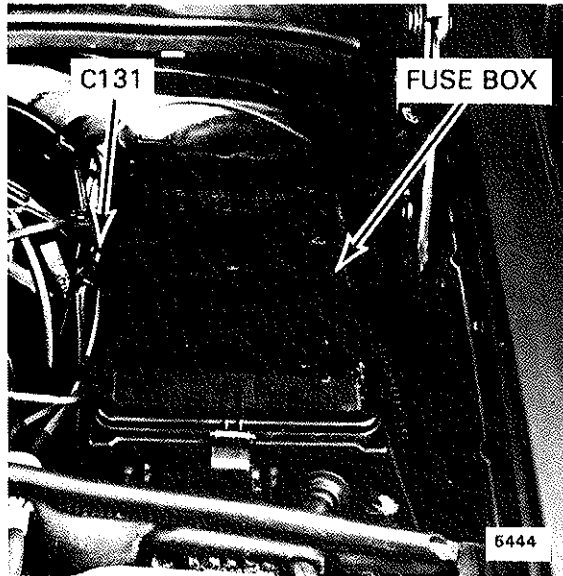


Figure 1 - LH Rear of Engine Compartment

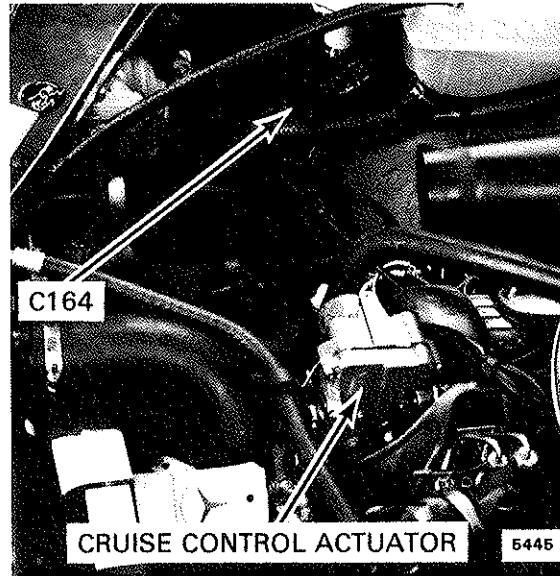


Figure 2 - RH Front Corner of Engine Compartment

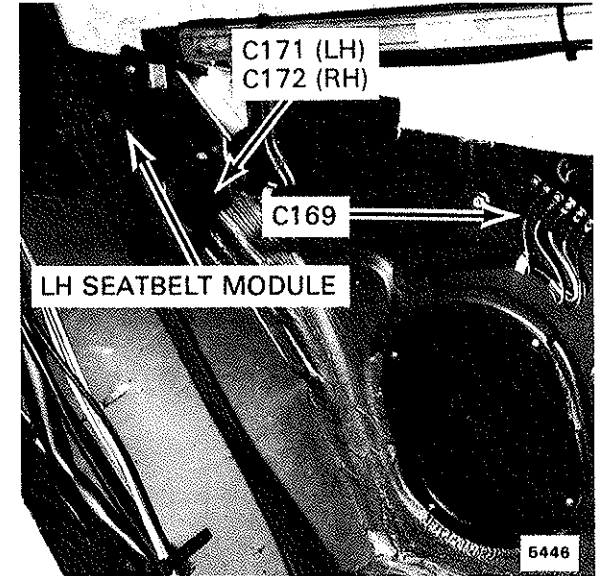


Figure 3 - Behind LH Rear Side Panel



Figure 4 - Under Power Brake Booster

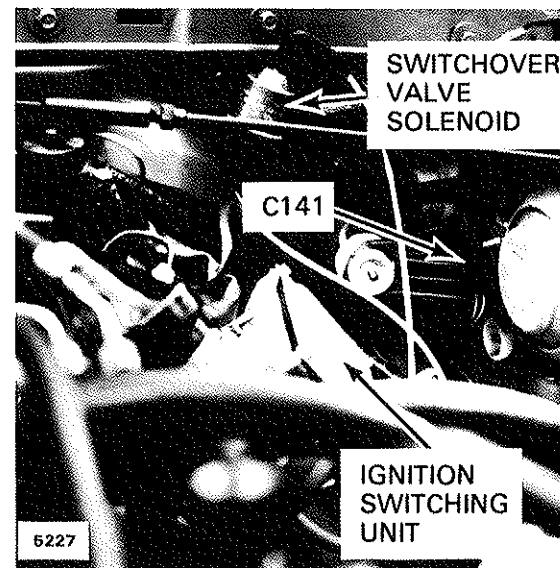


Figure 5 - LH Front Corner of Engine Compartment

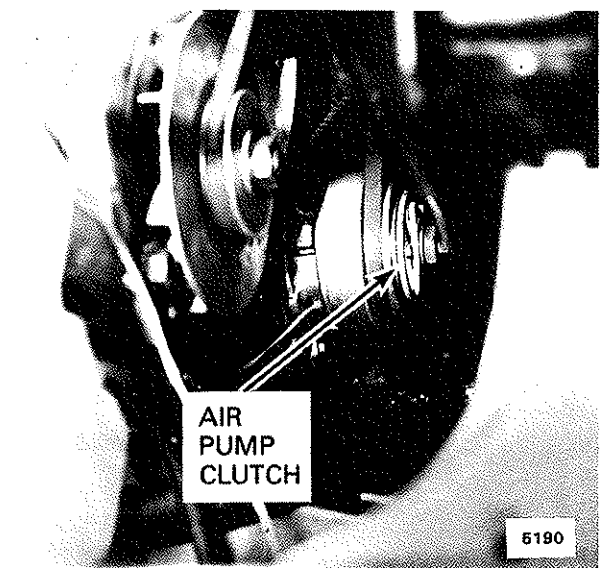


Figure 6 - Lower Front of Engine

COMPONENT LOCATIONS

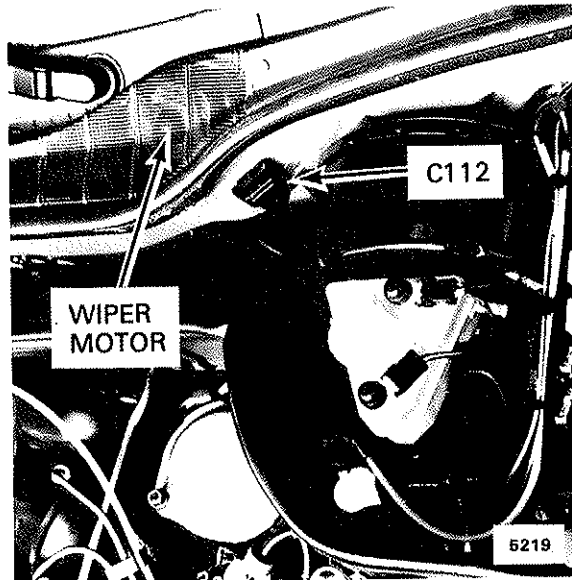
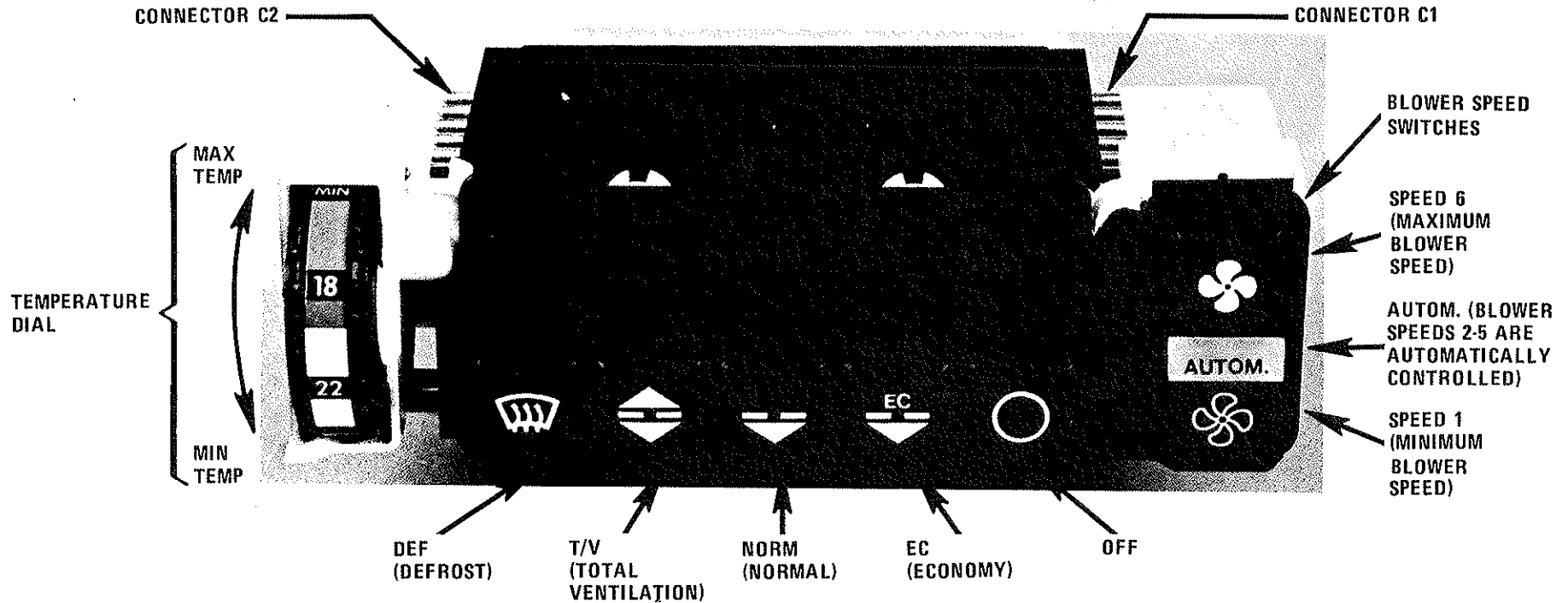


Figure 1 - LH Rear Corner of Engine Compartment



Figure 2 - Behind LH Headlights

PUSHBUTTON CONTROL ASSEMBLY



FUNCTION CONTROL SWITCHES

NOTE: ONLY ONE FUNCTION IS TO BE SELECTED AT ANY TIME.

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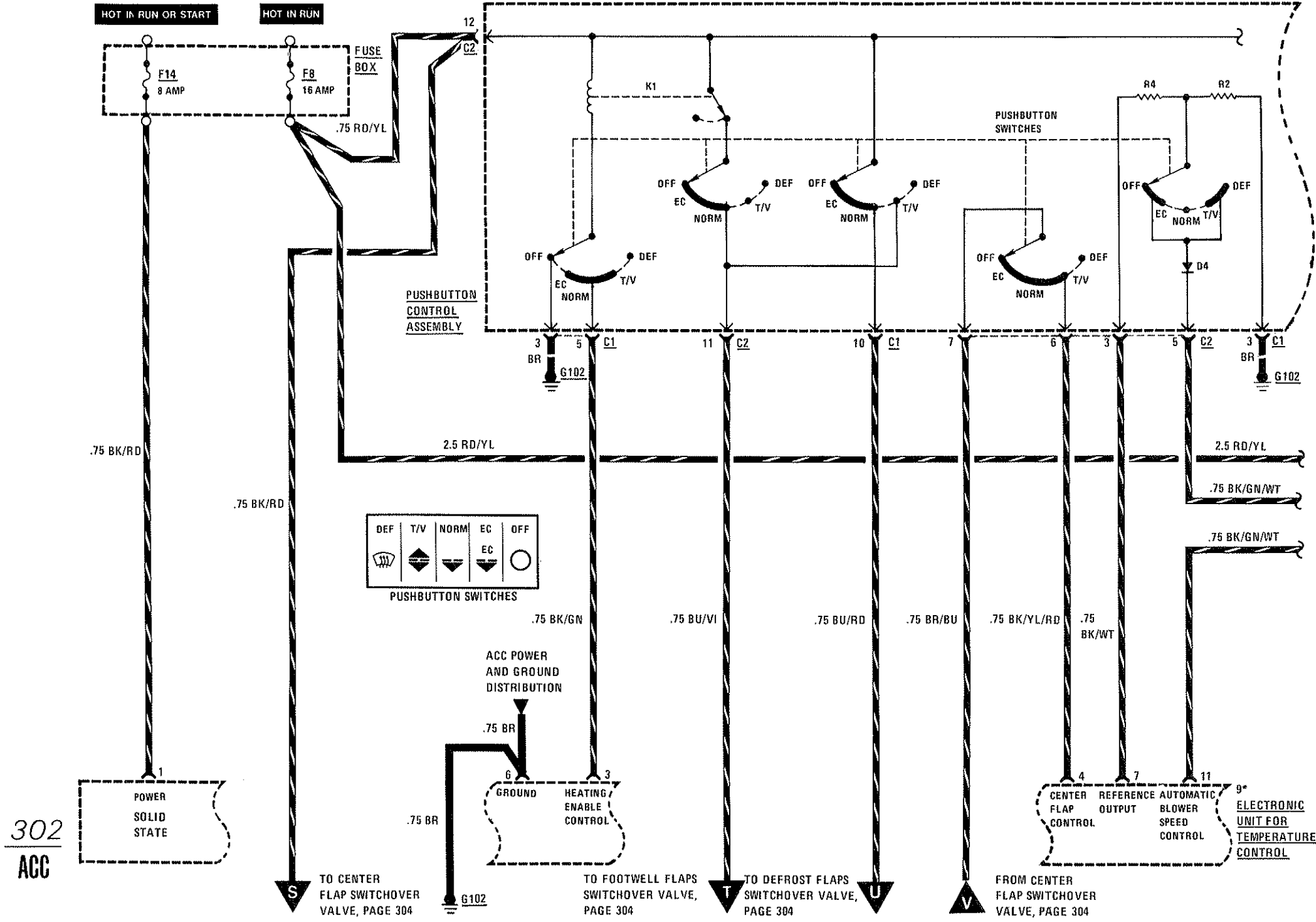
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300 D/CD/TD

AIR DELIVERY (ELECTRICAL)

(For Component Locations See Page 310)

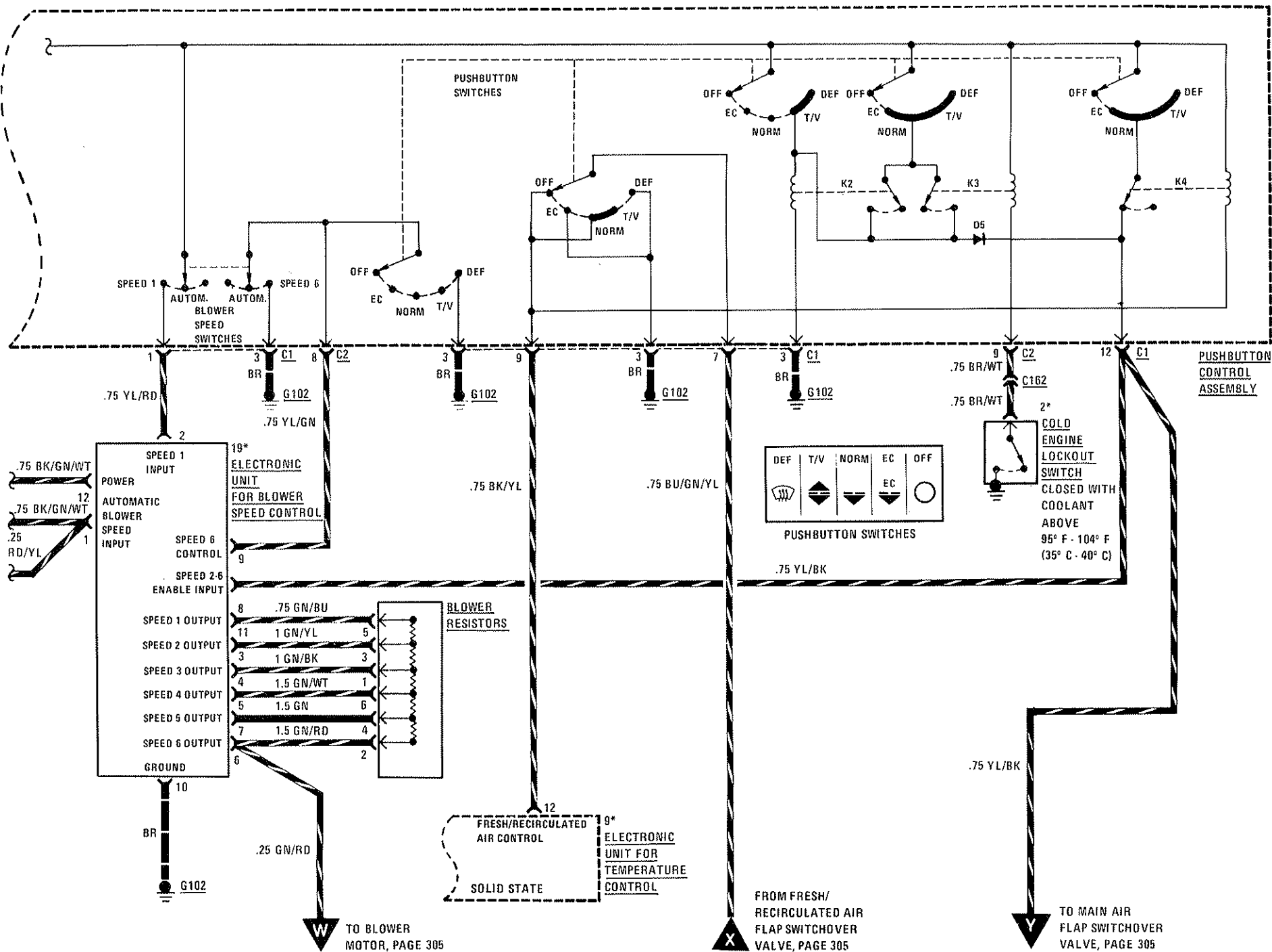


302
ACC

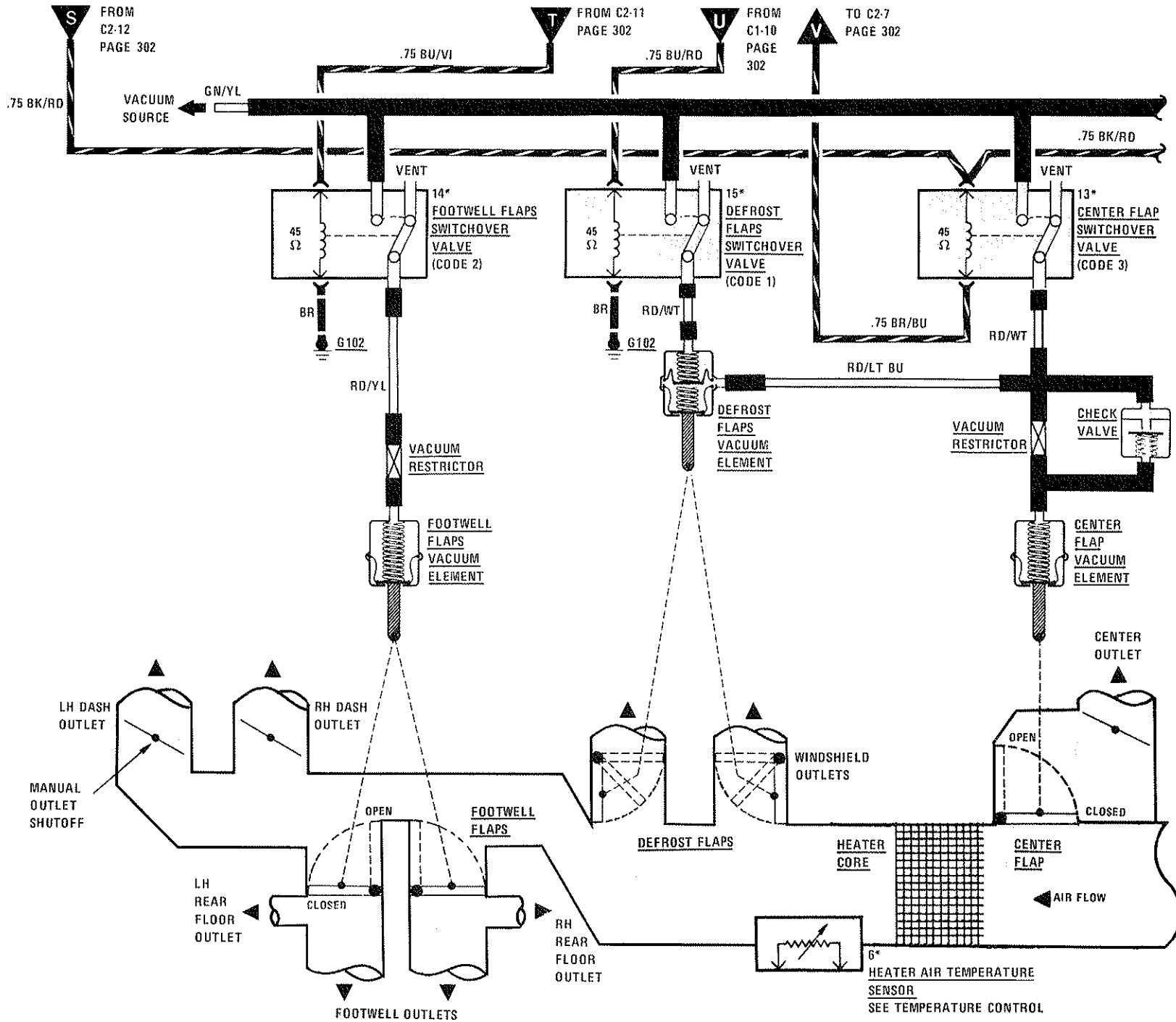
AIR DELIVERY (ELECTRICAL)

(For Component Locations See Page 310)

300 D/CD/TD



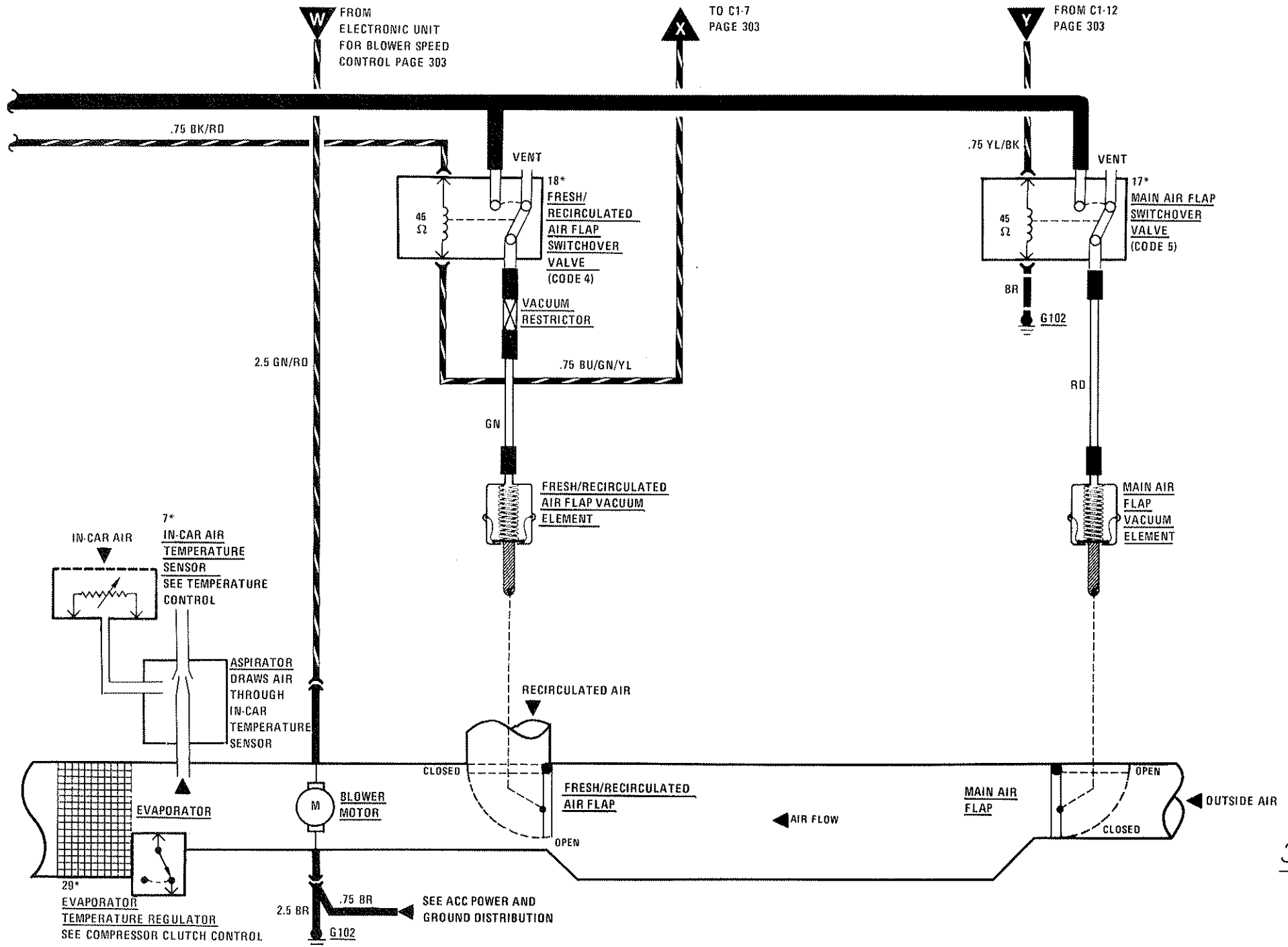
AIR DELIVERY (VACUUM)
(For Component Locations See Page 310)



AIR DELIVERY (VACUUM)

(For Component Locations See Page 310)

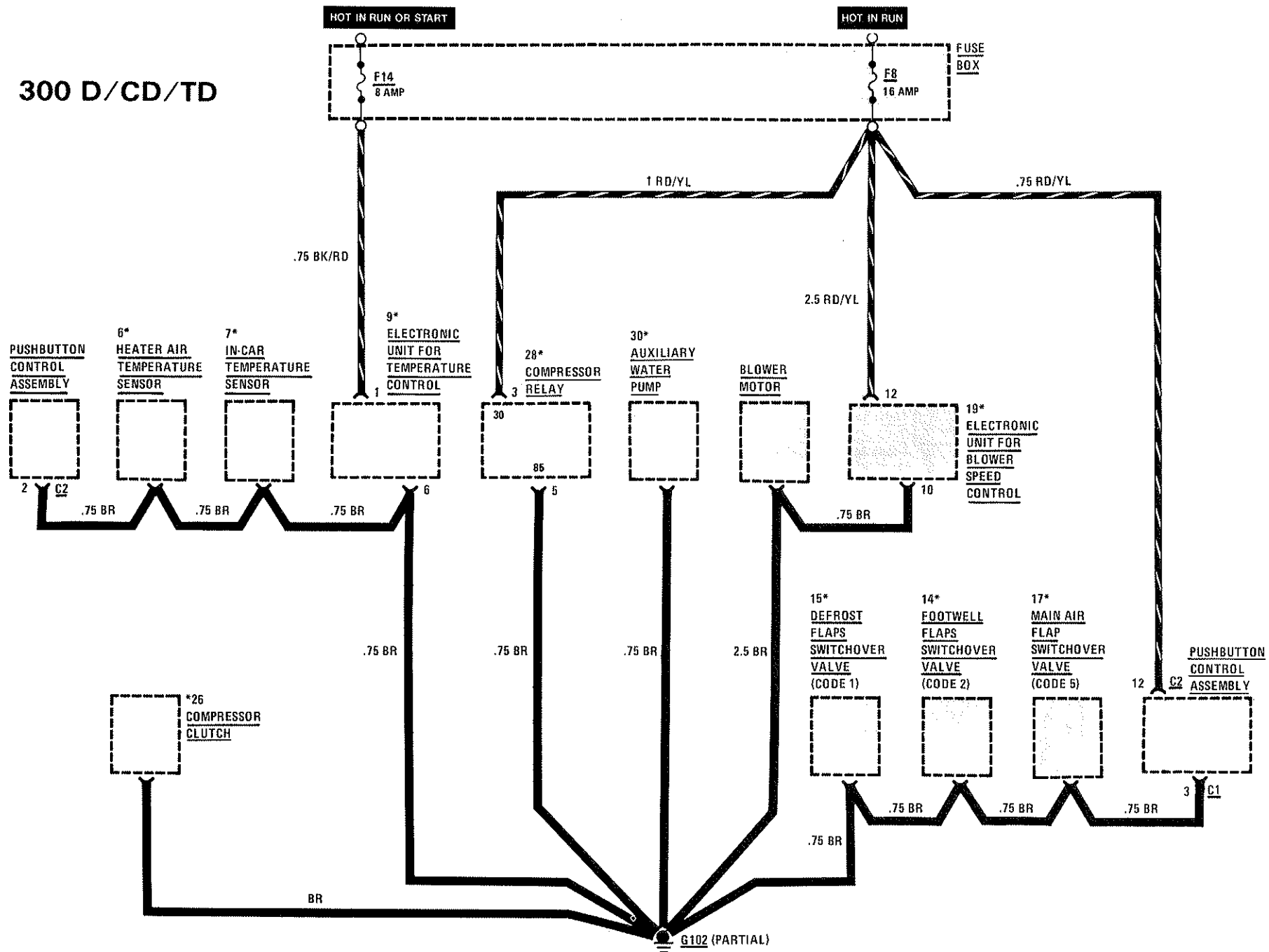
300 D/CD/TD



AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION






(For Component Locations See Page 310)

300 D/CD/TD



COMPONENT MODE TABLE

300 D/SD/TD

COMPONENTS	MODES											
	IGNITION OFF	OFF 		TOTAL VENTILATION 			NORMAL 			ECONOMY 		DEFROST 
		(HEAT)	(COOL)	(HEAT)	(COOL)	(COOL at "MIN")	(HEAT)	(COOL)	(COOL at "MIN")	(HEAT)	(NO HEAT)	
HEATER WATER VALVE	OPEN	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	OPEN
AUXILIARY WATER PUMP	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON
COMPRESSOR CLUTCH	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON
CENTER FLAP (Switchover valve code 3)	CLOSED	CLOSED	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	CLOSED
FOOTWELL FLAPS (Switchover valve code 2)	CLOSED	CLOSED	CLOSED	OPEN	OPEN	OPEN	OPEN	CLOSED	CLOSED	OPEN	CLOSED	CLOSED
DEFROST FLAPS (Switchover valve code 1)	FULLY OPEN	ALMOST CLOSED	FULLY CLOSED	FULLY OPEN	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY CLOSED	FULLY CLOSED	ALMOST CLOSED	FULLY CLOSED	FULLY OPEN
MAIN AIR FLAP (Switchover valve code 5)	CLOSED	CLOSED	CLOSED	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
FRESH/IN-CAR AIR FLAP (Switchover valve code 4)	CLOSED	CLOSED	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED	CLOSED	CLOSED

COMPONENT LOCATIONS

300 D/SD/TD

AUTOMATIC CLIMATE CONTROL

Aspirator	Behind blower housing	
Auxiliary Water Pump	Behind RH headlights	312-2
Blower Motor	Under RH side of dash	
Blower Resistors	Forward of RH front wheel well	312-2
Center Flap Switchover		
Valve (Code 3)	In switchover valve group, third from left	312-3
Center Flap Vacuum Element	Top center of plenum	311-5
Cold Engine Lockout Switch	(300 D/CD/TD) RH side of engine	310-2
Compressor Relay	Top of LH front wheel well in relay box	310-1
Compressor Low Pressure		
Cut-Out Switch	Top of receiver-drier	312-2
Defrost Flaps Switchover		
Valve (Code 1)	In switchover valve group, far left	312-3
Defrost Flaps Vacuum		
Element	On LH side of plenum	312-5
Electronic Unit For		
Blower Speed Control	Above passenger's footwell	312-1
Electronic Unit For		
Temperature Control	Above passenger's footwell	312-1
Evaporator Temperature		
Regulator	Above passenger's footwell	312-6
Footwell Flaps Switchover		
Valve (Code 2)	In switchover valve group, second from left ..	312-3
Footwell Flaps Vacuum		
Element	On LH side of plenum	312-5
Fresh/Recirculated Air Flap		
Switchover Valve (Code 4) ..	In switchover valve group, fourth from left	312-3
Fresh/Recirculated Air		
Flap Vacuum Element	On plenum, behind RH side of glove box	312-4
Heater Air Temp. Sensor ...	Behind console	312-3
Mono Heater Water Valve	RH rear of engine compartment	311-1
In-Car Temperature Sensor. . .	In header above rear view mirror	311-1
Main Air Flap		
Switchover Valve (Code 5) ..	In switchover valve group, far right	312-3
Main Air Flap		
Vacuum Element	On plenum, behind LH side of glove box	312-4
Switchover Valve Group	Behind console	312-3
C162 (1 pin, round)	RH side of engine	311-3
G102	Behind instrument cluster	311-2

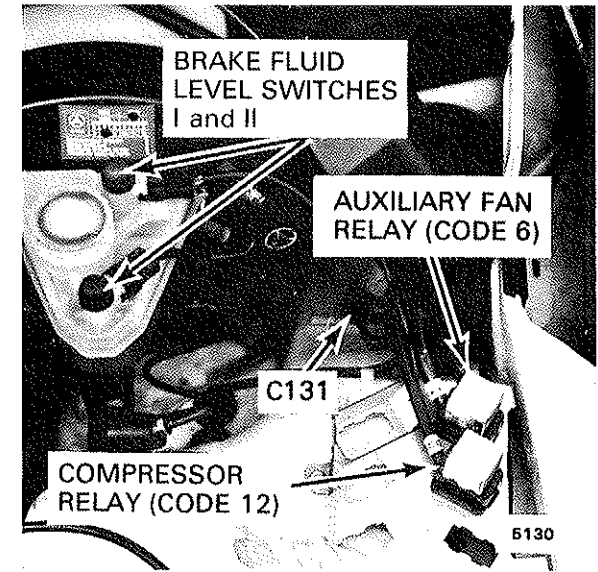


Figure 1 - LH Front Wheel Well

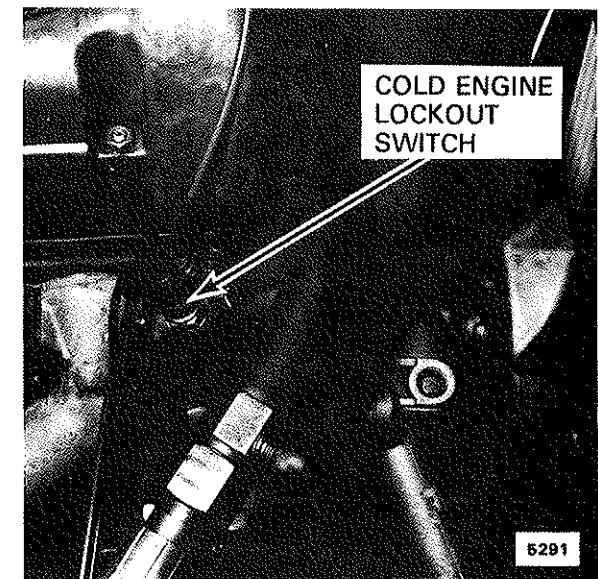


Figure 2 - Front RH Side of Engine

COMPONENT LOCATIONS

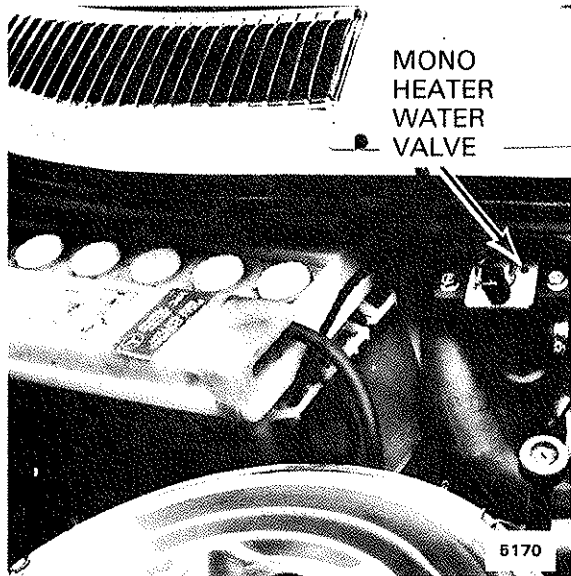


Figure 1 - Engine Compartment

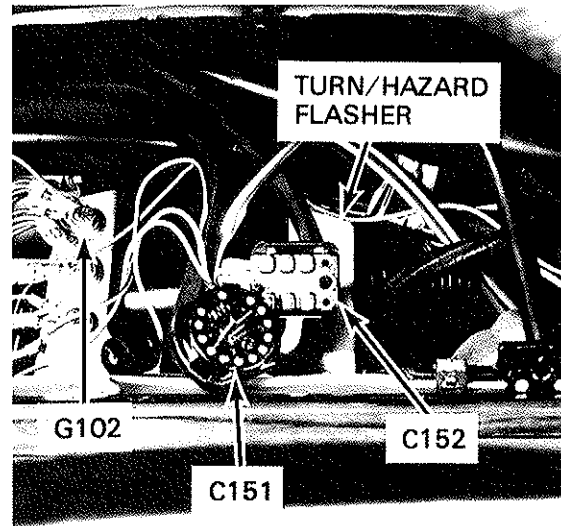


Figure 2 - Behind Instrument Cluster

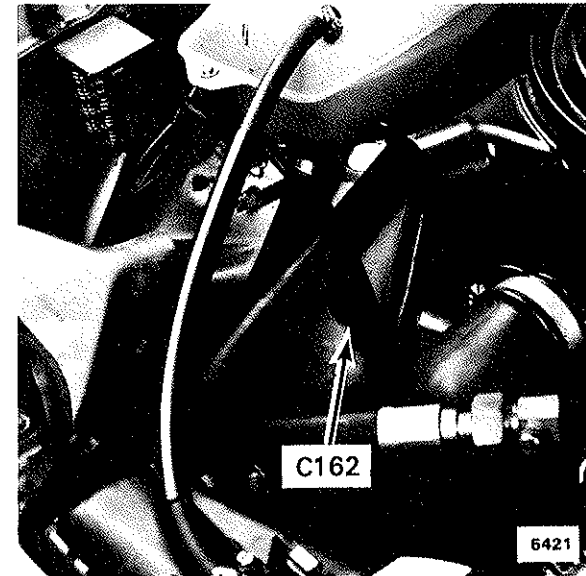


Figure 3 - LH Side Of Engine

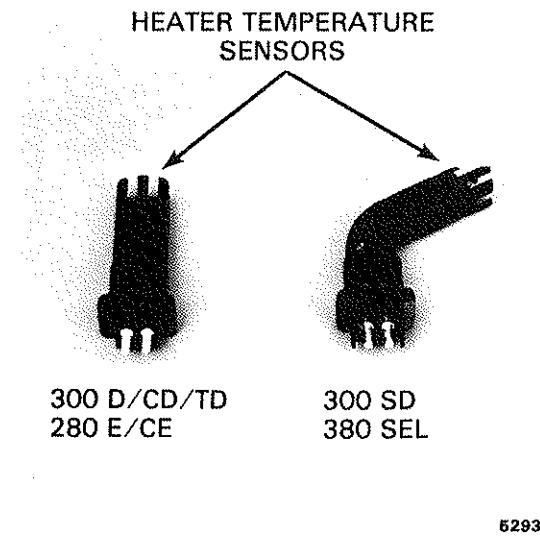


Figure 4 - Heater Air Sensor

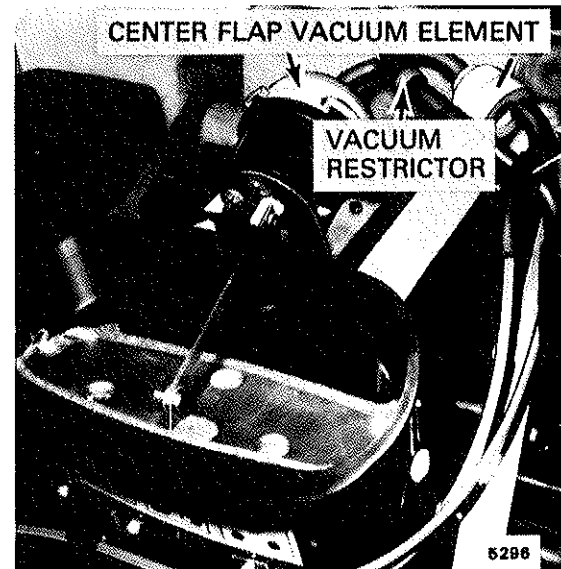


Figure 5 - Above Center Of Plenum

COMPONENT LOCATIONS

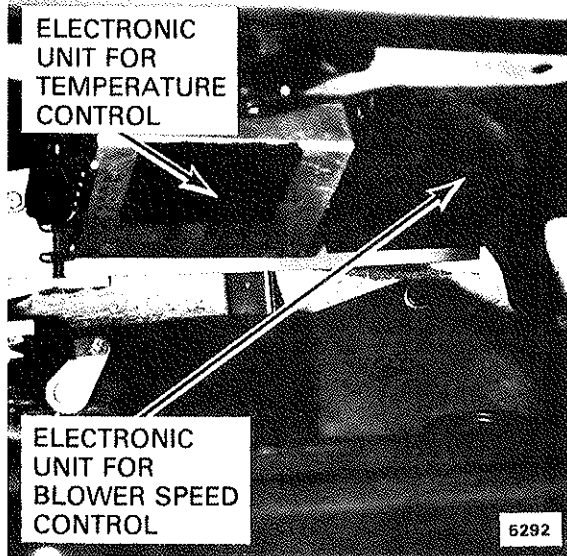


Figure 1 - Behind Glove Box

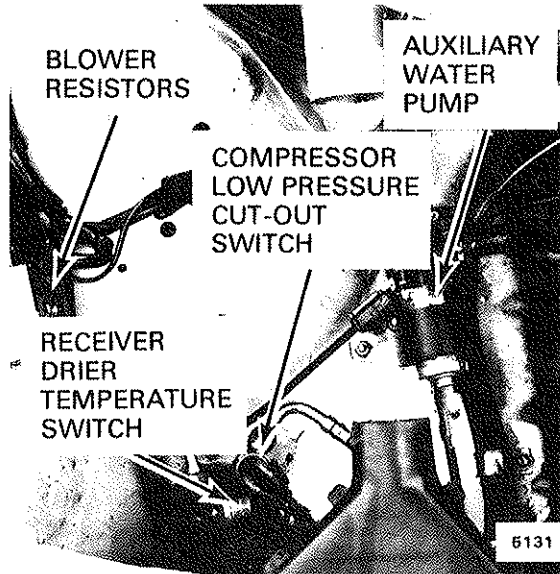


Figure 2 - RH Wheel Well

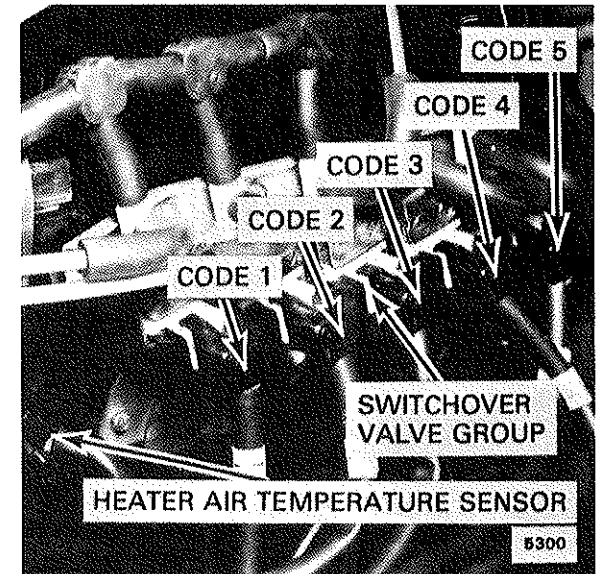


Figure 3 - In Console, Behind Pushbutton Control Assembly



Figure 4 - Behind Glove Box

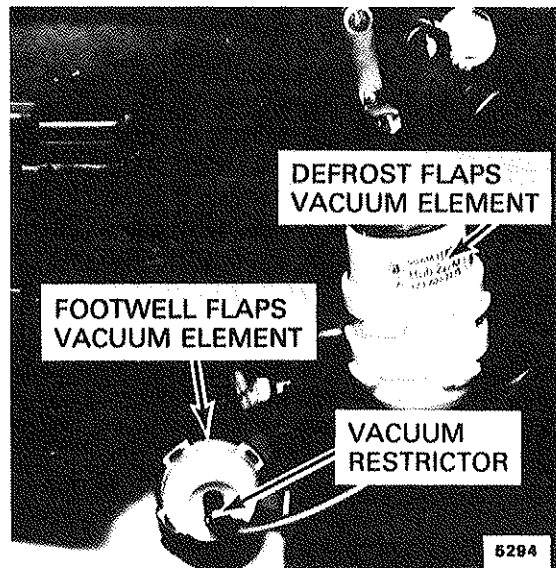


Figure 5 - On LH Side of Plenum

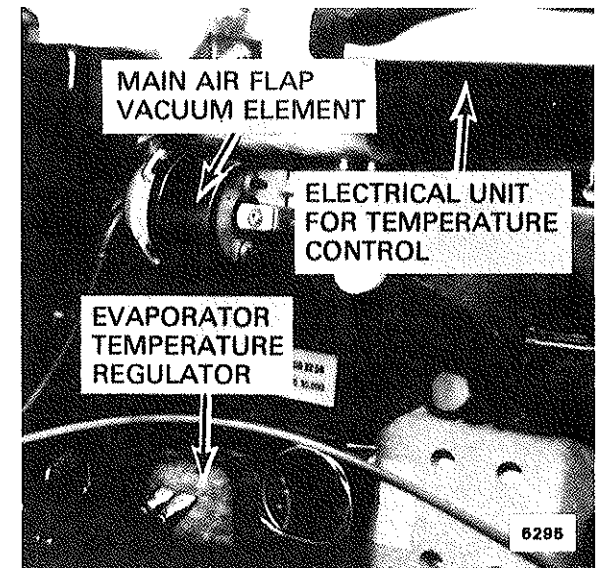
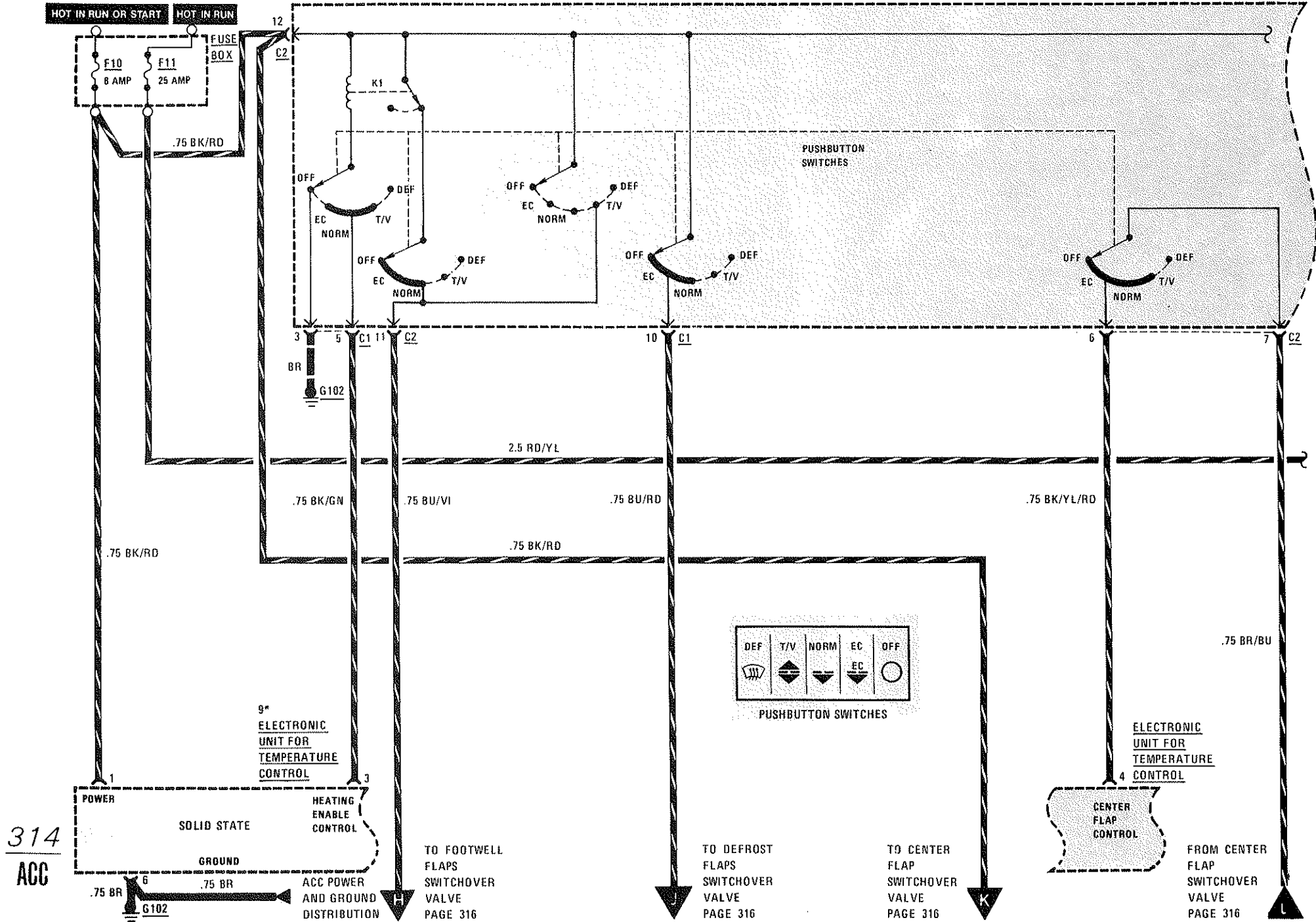


Figure 6 - Behind Glove Box

300 SD AND 380 SEL/SEC

AIR DELIVERY (ELECTRICAL) (For Component Locations See Page 323)

PUSHBUTTON CONTROL ASSEMBLY

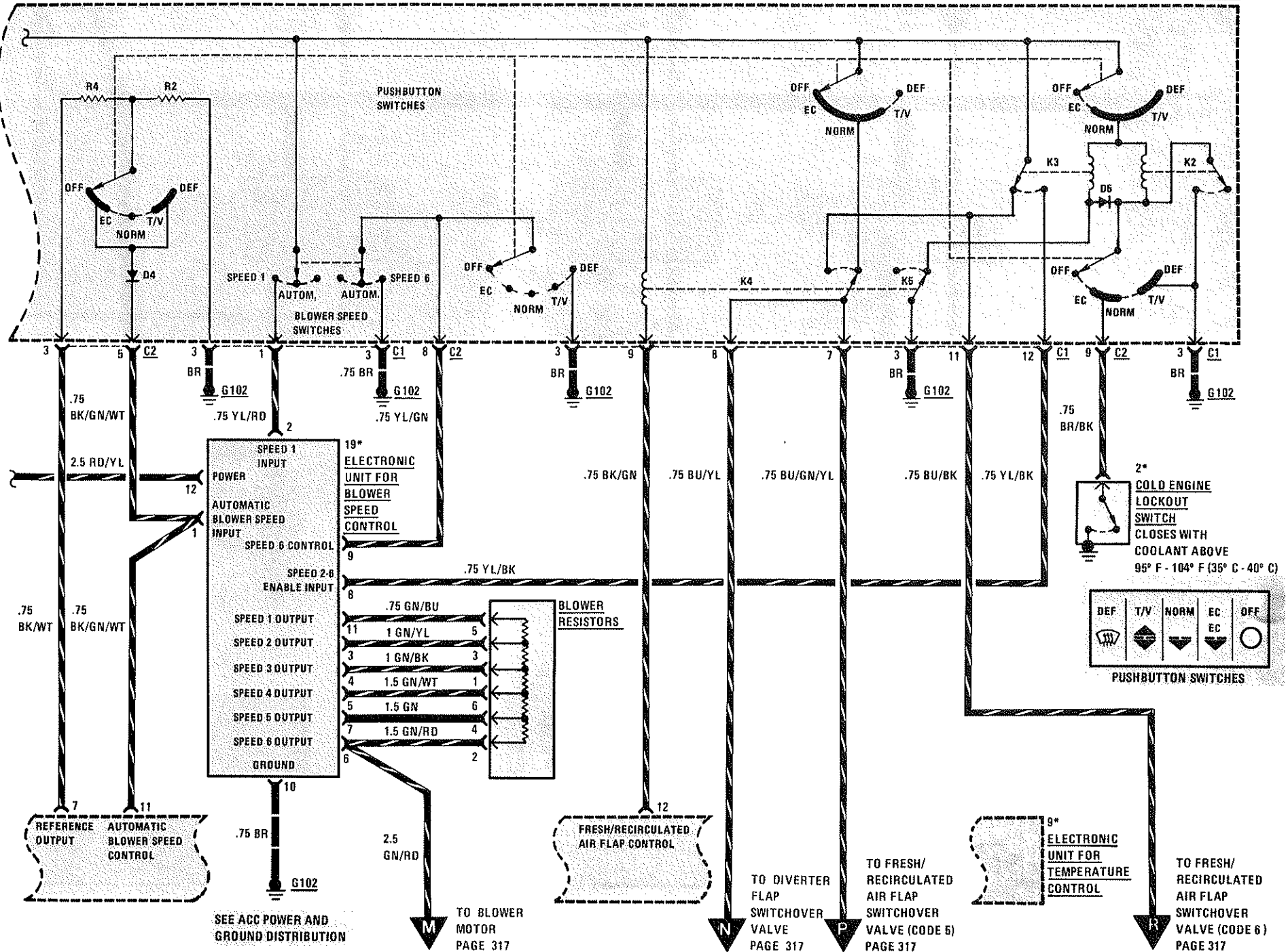


AIR DELIVERY (ELECTRICAL)

(For Component Locations See Page 323)

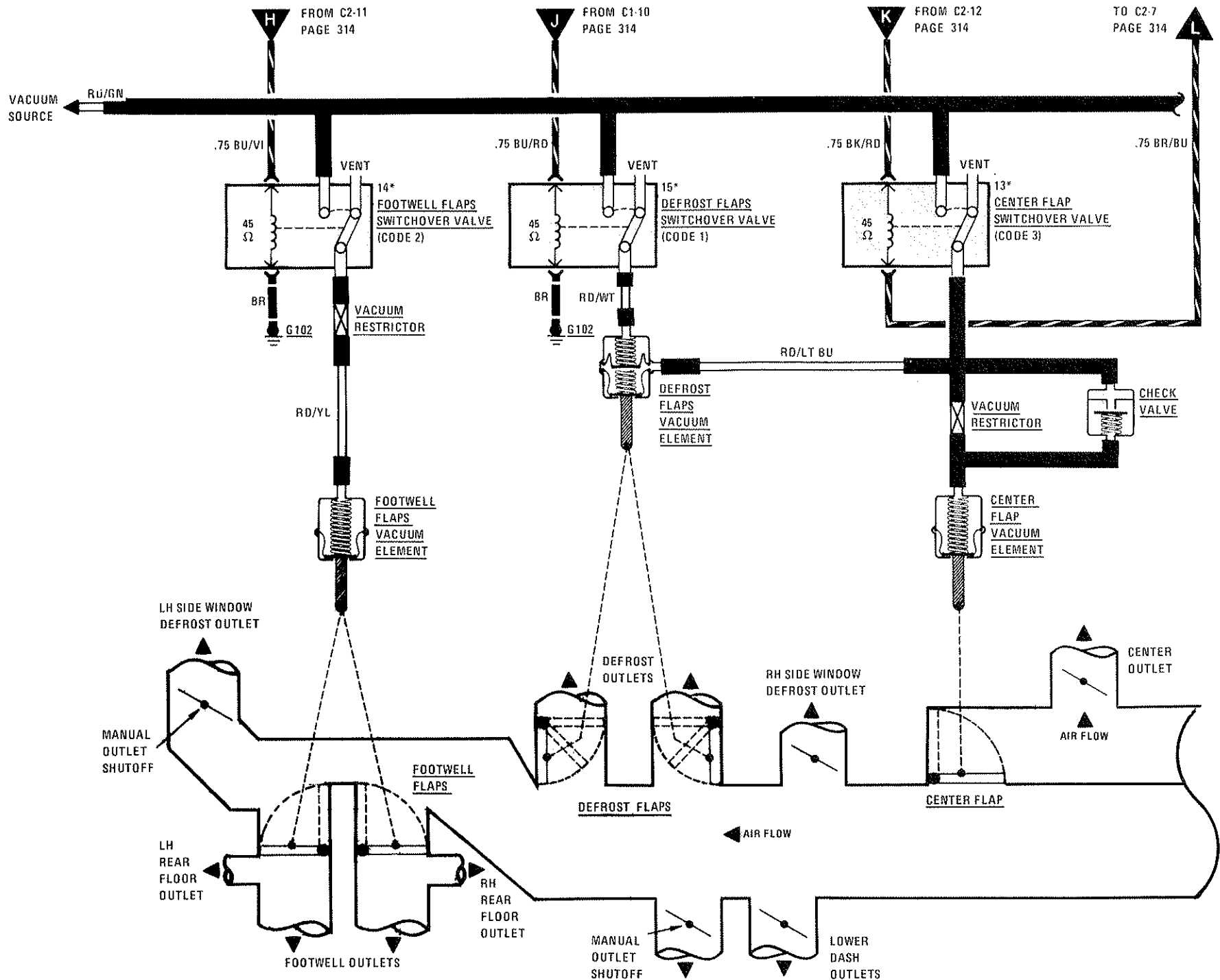
300 SD AND 380 SEL/SEC

PUSHBUTTON CONTROL ASSEMBLY



300 SD AND 380 SEL/SEC

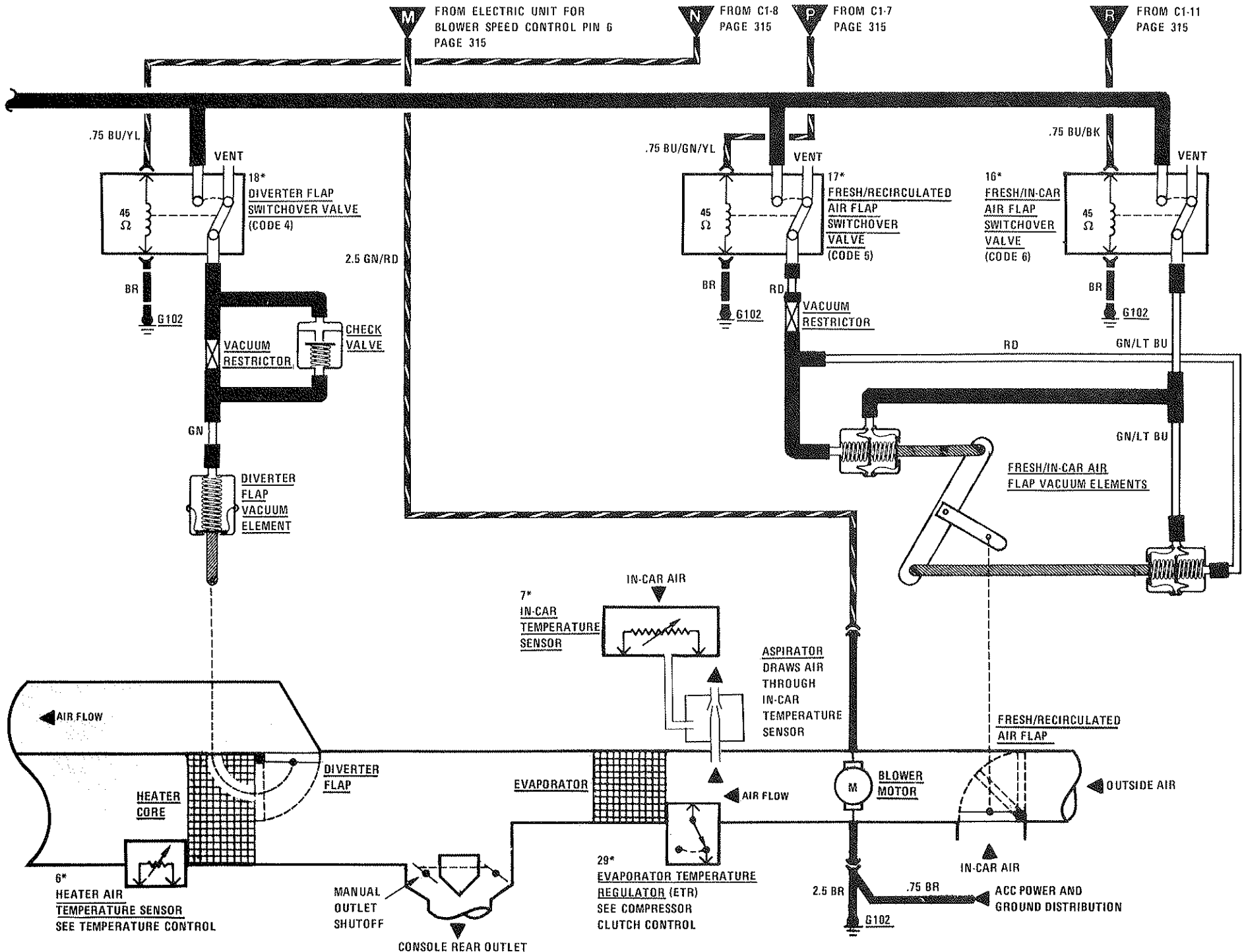
AIR DELIVERY (VACUUM) (For Component Locations See Page 323)



AIR DELIVERY (VACUUM)

(For Component Locations See Page 323)

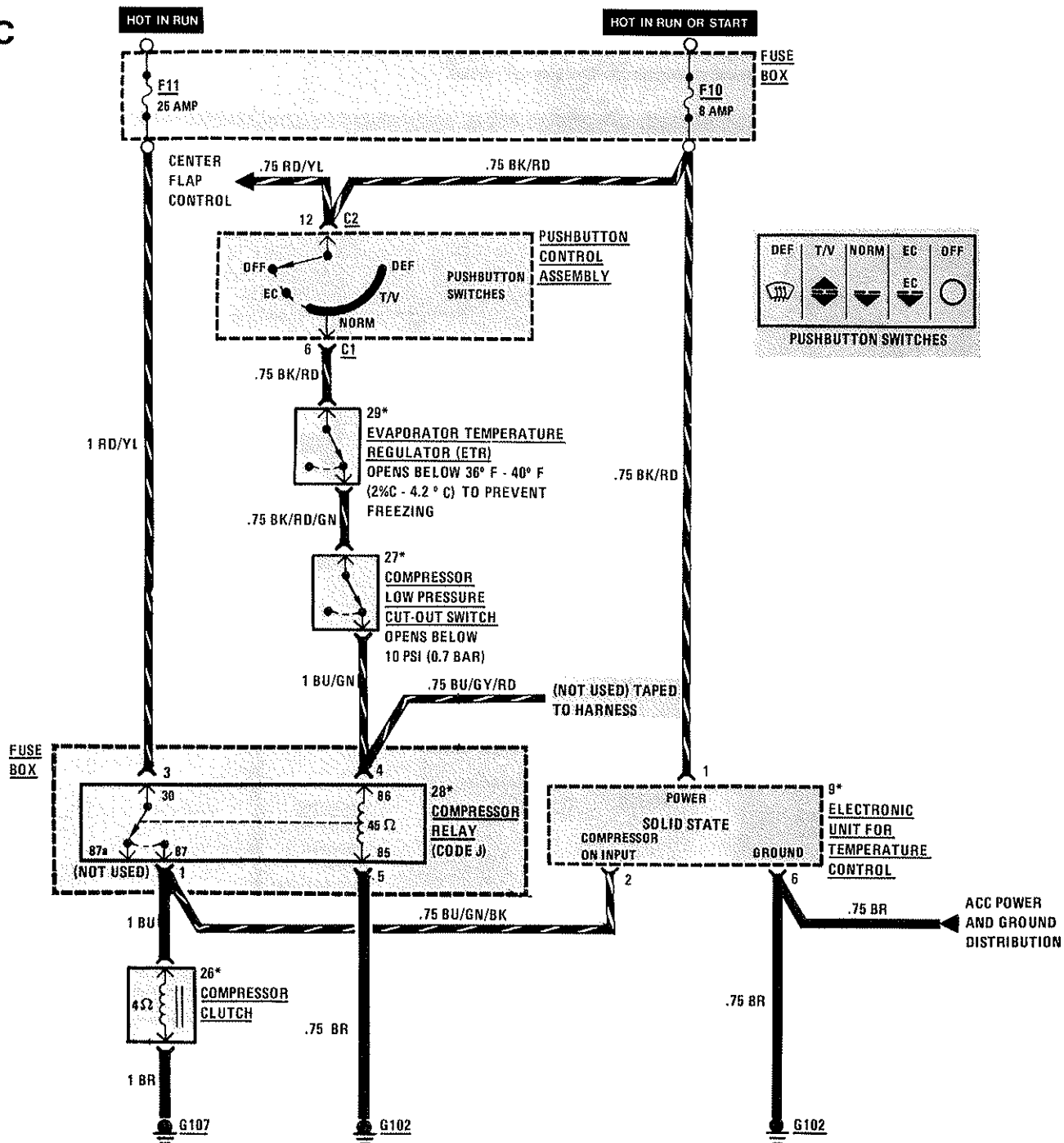
300 SD AND 380 SEL/SEC



COMPRESSOR CLUTCH CONTROL

(For Component Locations See Page 323)

380 SEL/SEC

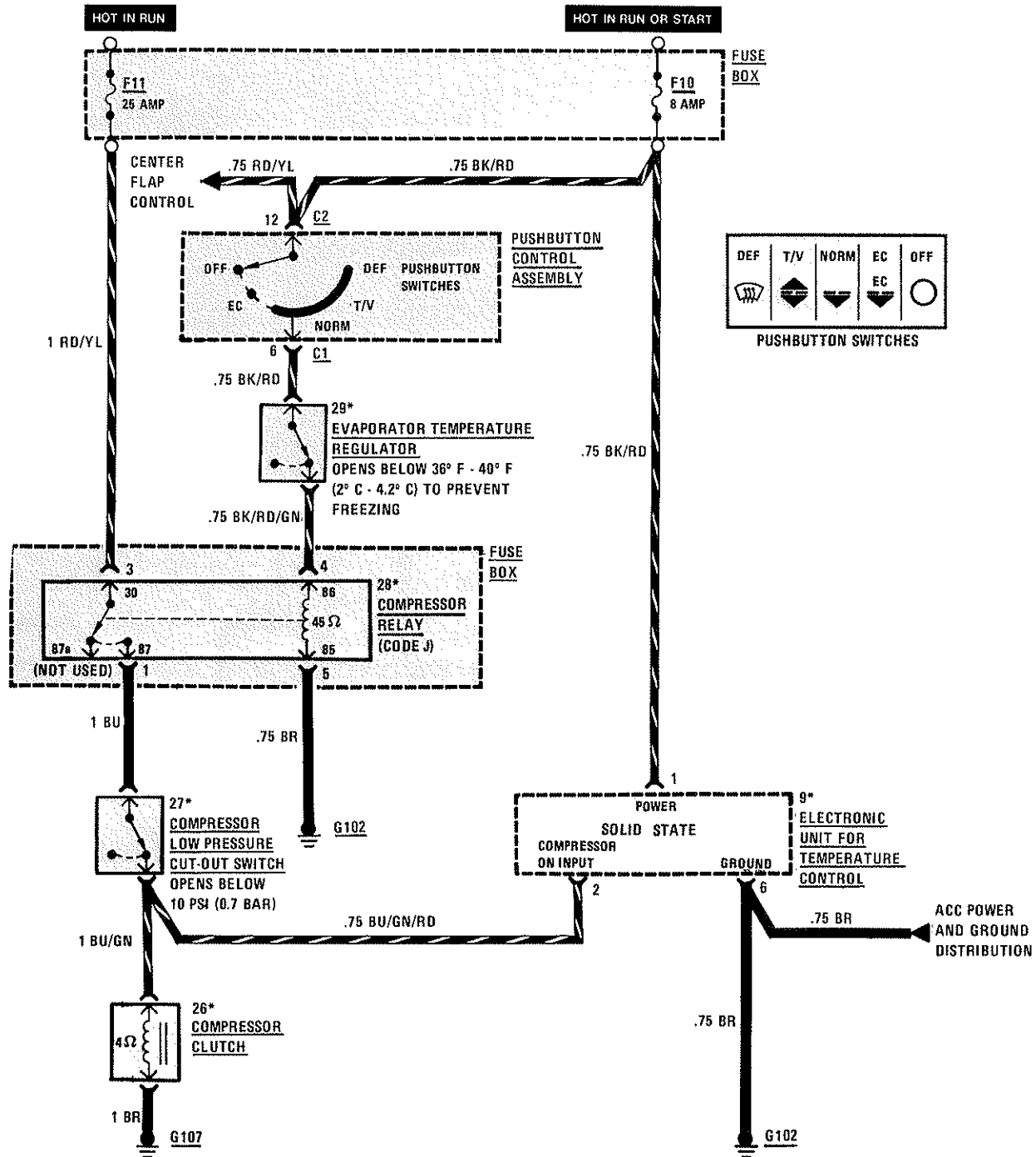


318
ACC

COMPRESSOR CLUTCH CONTROL

(For Component Locations See Page 323)

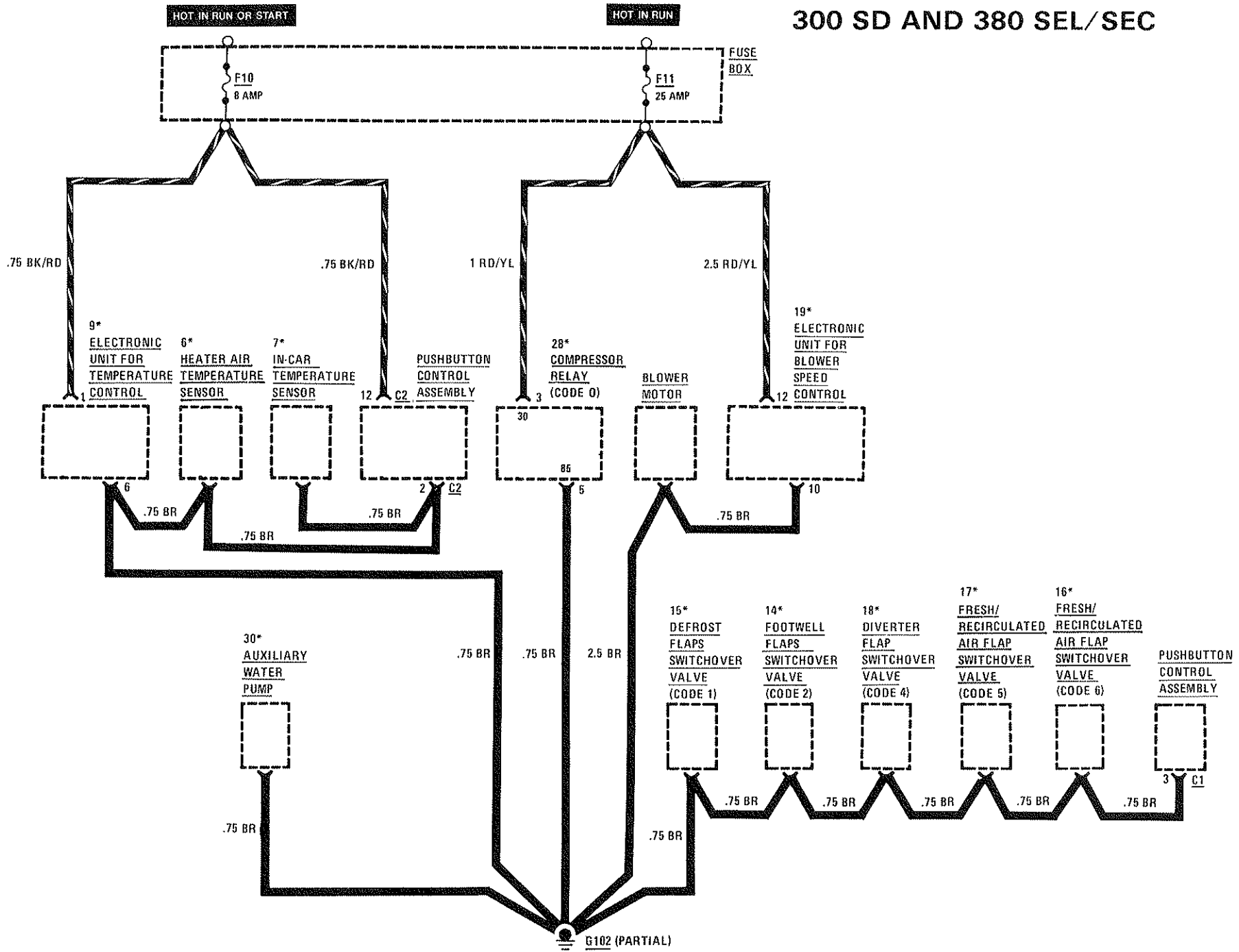
300 SD








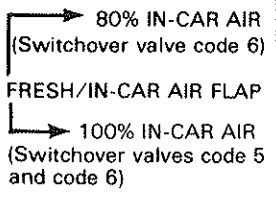
AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION

(For Component Locations See Page 322)

300 SD AND 380 SEL/SEC



COMPONENT MODE TABLE 300 SD AND 380 SEL/SEC

COMPONENTS	MODES											
	IGNITION	OFF 		TOTAL VENTILATION 			NORMAL 			ECONOMY 		DEFROST 
		OFF	(HEAT)	(COOL)	(HEAT)	(COOL)	(COOL at "MIN")	(HEAT)	(COOL)	(COOL at "MIN")	(HEAT)	
HEATER WATER VALVE	OPEN	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	OPEN
AUXILIARY WATER PUMP	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON
COMPRESSOR CLUTCH	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON
CENTER FLAP (Switchover valve code 3)	CLOSED	CLOSED	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	CLOSED
FOOTWELL FLAPS (Switchover valve code 2)	CLOSED	CLOSED	CLOSED	OPEN	OPEN	OPEN	OPEN	CLOSED	CLOSED	OPEN	CLOSED	CLOSED
DEFROST FLAPS (Switchover valve code 1)	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY OPEN	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY CLOSED	FULLY CLOSED	ALMOST CLOSED	FULLY CLOSED	FULLY OPEN
	0% RECIRC	100% RECIRC	100% RECIRC	0% RECIRC	80% RECIRC	80% RECIRC	0% RECIRC	80% RECIRC	80% RECIRC	0% RECIRC	1. 80% RECIRC 2. 0% RECIRC	0% RECIRC
DIVERTER FLAP (Switchover flap code 4)	CLOSED	CLOSED	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	CLOSED

COMPONENT LOCATIONS

300 SD AND 380 SEL/SEC

AUTOMATIC CLIMATE CONTROL

Aspirator	Behind blower housing	
Auxiliary Water Pump	Under heater water valve	324-4
Blower Resistors	Below power brake booster	
Center Flap Switchover		
Valve (Code 3)	In switchover valve group, third from top	324-5
Center Flap Vacuum Element	On plenum, behind pushbutton control assembly	324-5
Cold Engine Lockout Switch	Top RH front of engine (300 SD)	310-2
	Top LH rear of engine (380 SEL/SEC)	324-6
Compressor Low Pressure		
Cut-Out Switch	Receiver drier, behind LH headlights	
Compressor Relay (Code 3)	In fuse box	100-1
Defrost Flaps Switchover		
Valve (Code 1)	In switchover valve group, top	324-4
Defrost Flaps Vacuum		
Element	On plenum, to right of center outlet	322-2
Diverter Flap Switchover		
Valve (Code 4)	In switchover valve group, fourth from top	324-5
Diverter Flap Vacuum		
Element	On LH side of plenum	324-3
Electronic Unit For		
Blower Speed Control	Above passenger's footwell	323-2
Electronic Unit For		
Temperature Control	Above passenger's footwell	324-2
Evaporator Temperature		
Regulator	LH side of plenum, above driver's footwell	324-5
Footwell Flaps Switchover		
Valve (Code 2)	In switchover valve group, second from top	324-5
Footwell Flaps Vacuum		
Element	On plenum, behind pushbutton control assembly	323-2
Fresh/Recirculated Air Flap		
Vacuum Elements	On plenum, above blower motor	324-5
Fresh/Recirculated		
Switchover Valve (Code 5)	In switchover valve group, fifth from top	324-5
Fresh/In-Car Air		
Switchover Valve (Code 6) ..	In switchover valve group, bottom	324-5
Heater Temperature Air Sensor	In heater housing, behind console	311-4
Mono Heater Water Valve	To left of battery	323-4
In-Car Temperature Sensor.	Top of instrument panel	311-1
Switchover Valve Group	Behind pushbutton control assembly	323-5
G102	Behind instrument cluster	311-2
G107	Behind LH headlights	

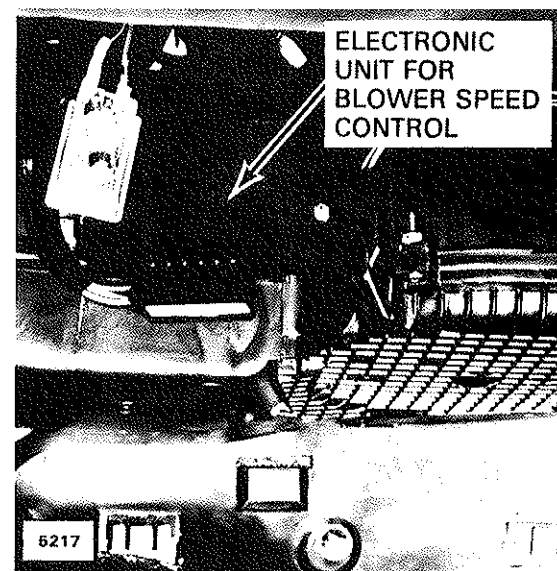


Figure 1 - Above Passenger's Footwell

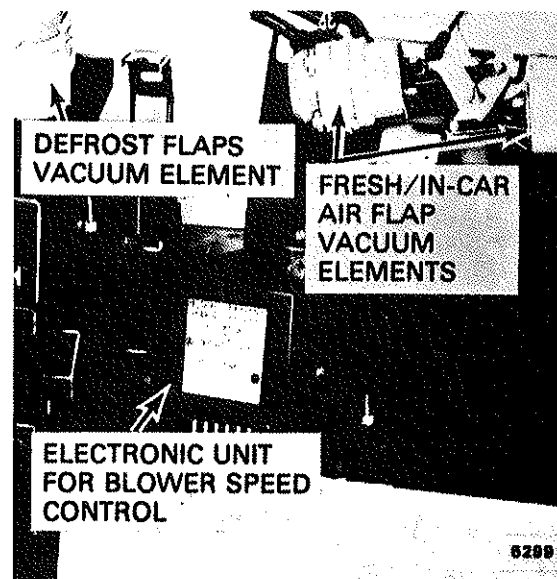


Figure 2 - Behind Glove Box

COMPONENT LOCATIONS

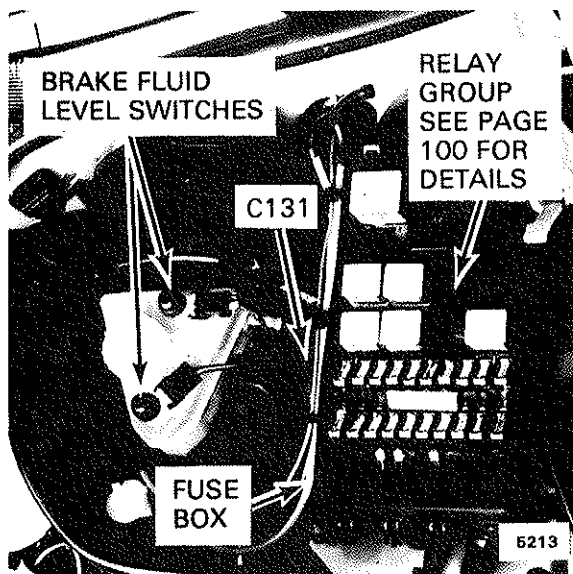


Figure 1 - LH Rear Corner Of Engine Compartment

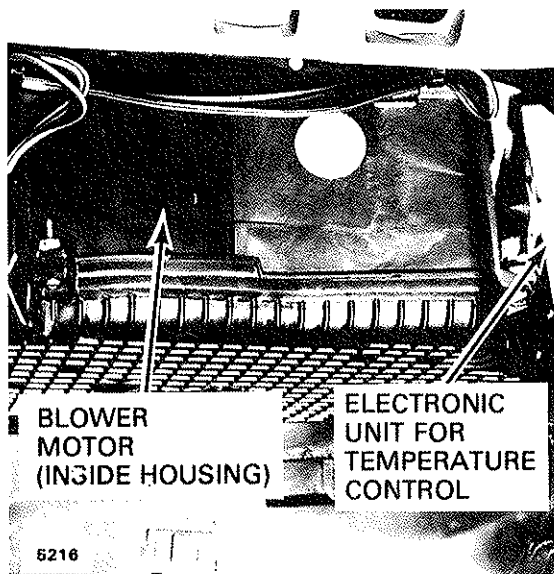


Figure 2 - Above Passenger's Footwell

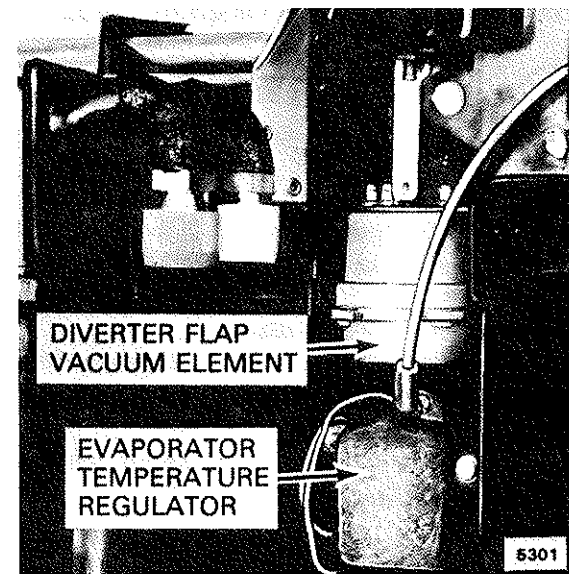


Figure 3 - LH Side Of Plenum, Above Driver's Footwell

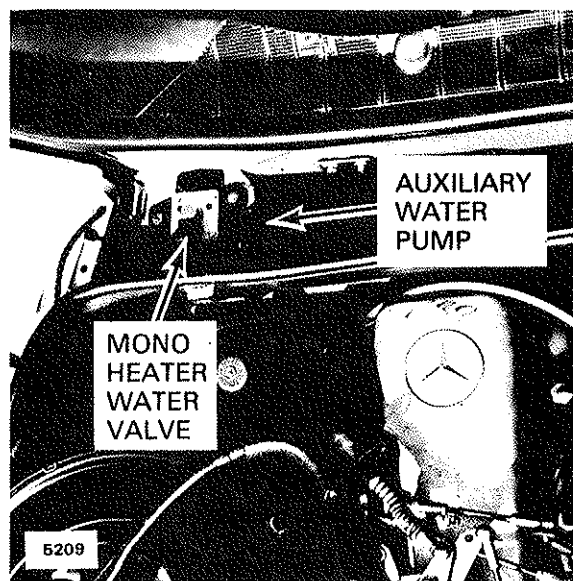


Figure 4 - RH Rear Of Engine Compartment

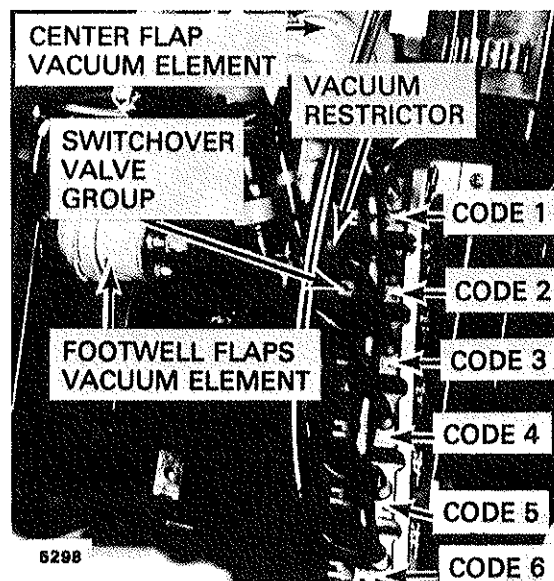


Figure 5 - In Console, Behind Pushbutton Control Assembly

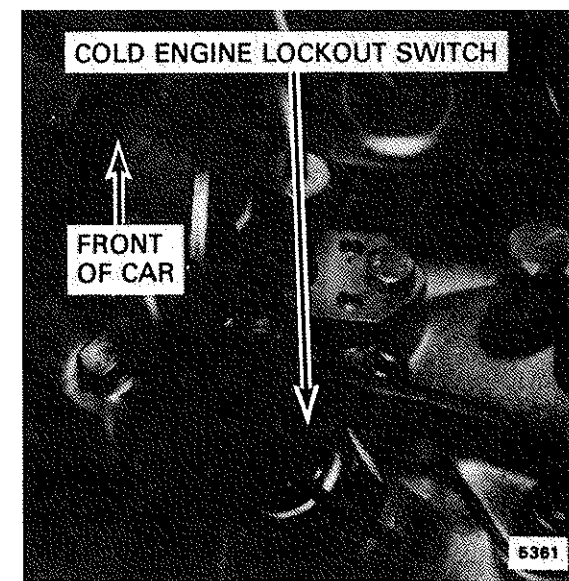


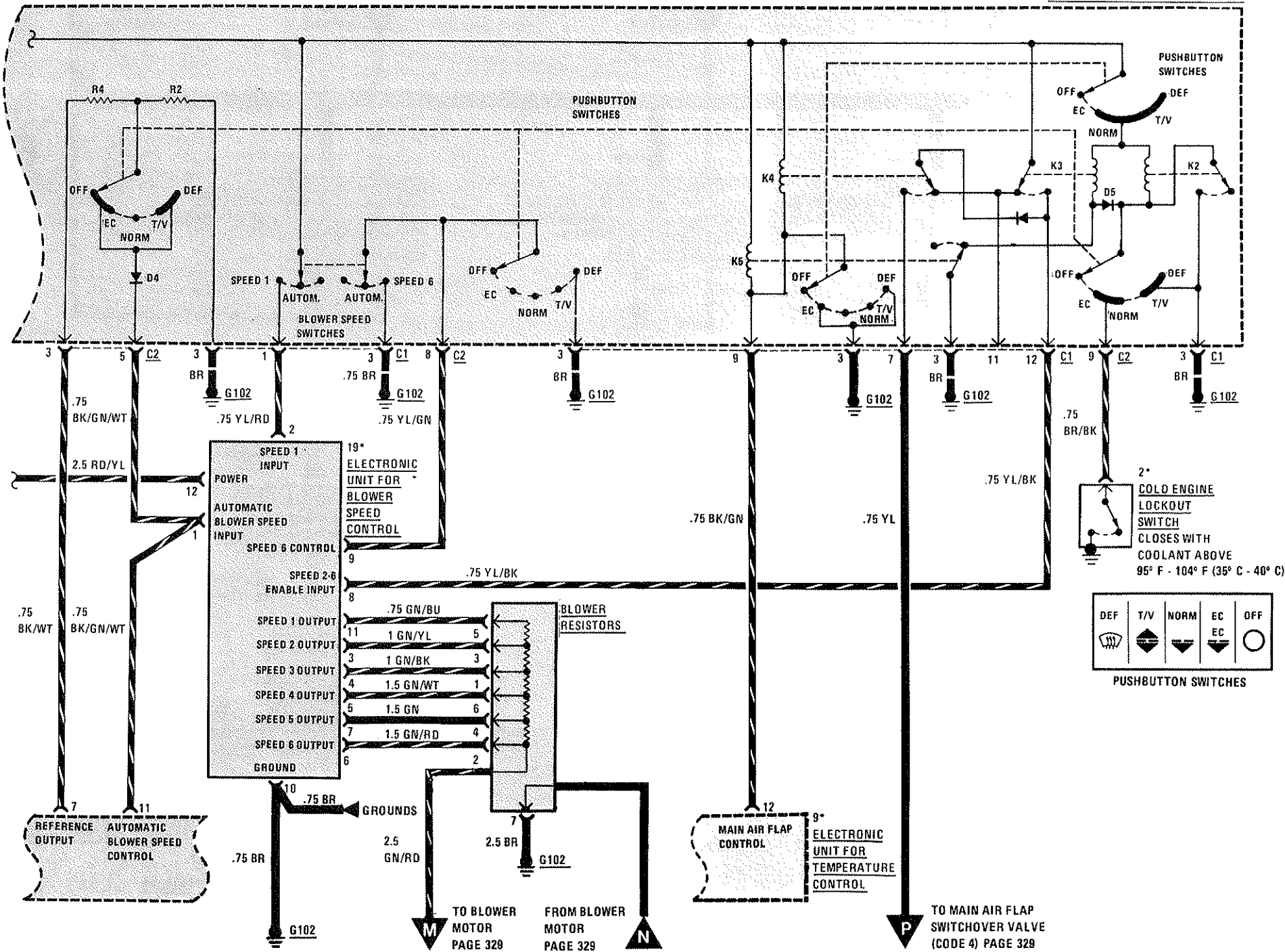
Figure 6 - Top LH Rear of Engine (Gasoline)

AIR DELIVERY (ELECTRICAL)

(For Component Locations See Page 334)

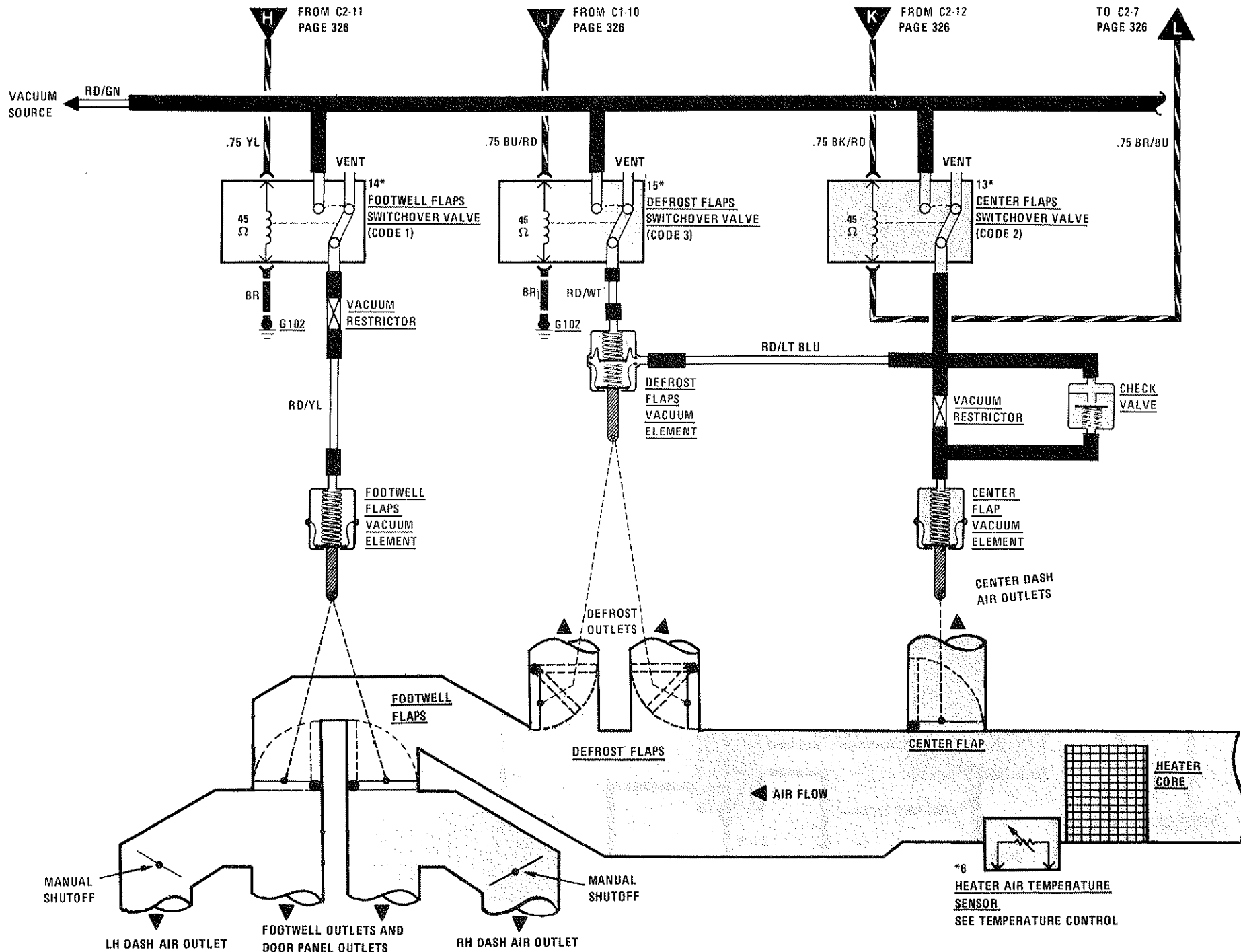
380 SL

PUSHBUTTON CONTROL ASSEMBLY



AIR DELIVERY (VACUUM)

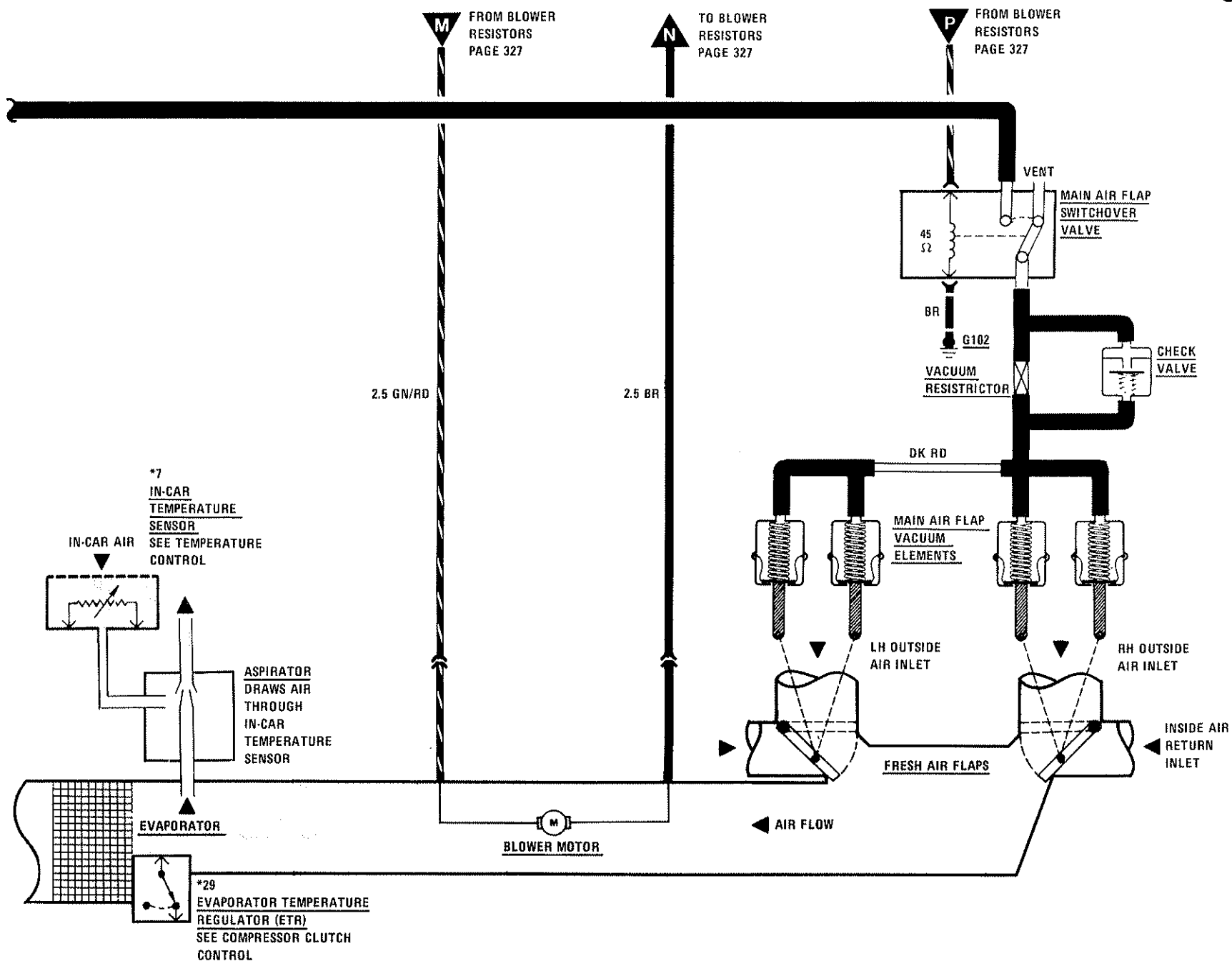
(For Component Locations See Page 334)



AIR DELIVERY (VACUUM)

(For Component Locations See Page 334)

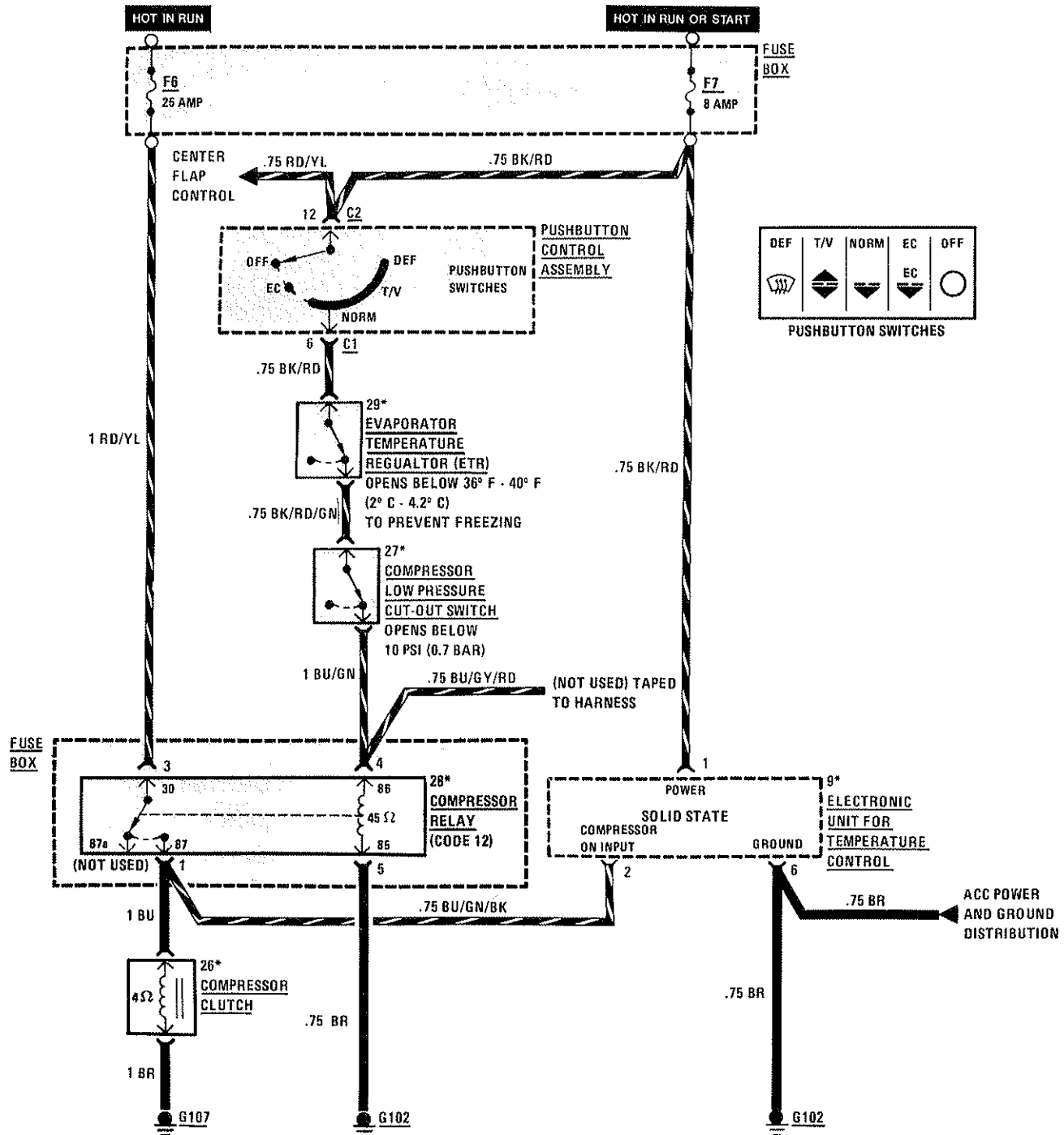
380 SL



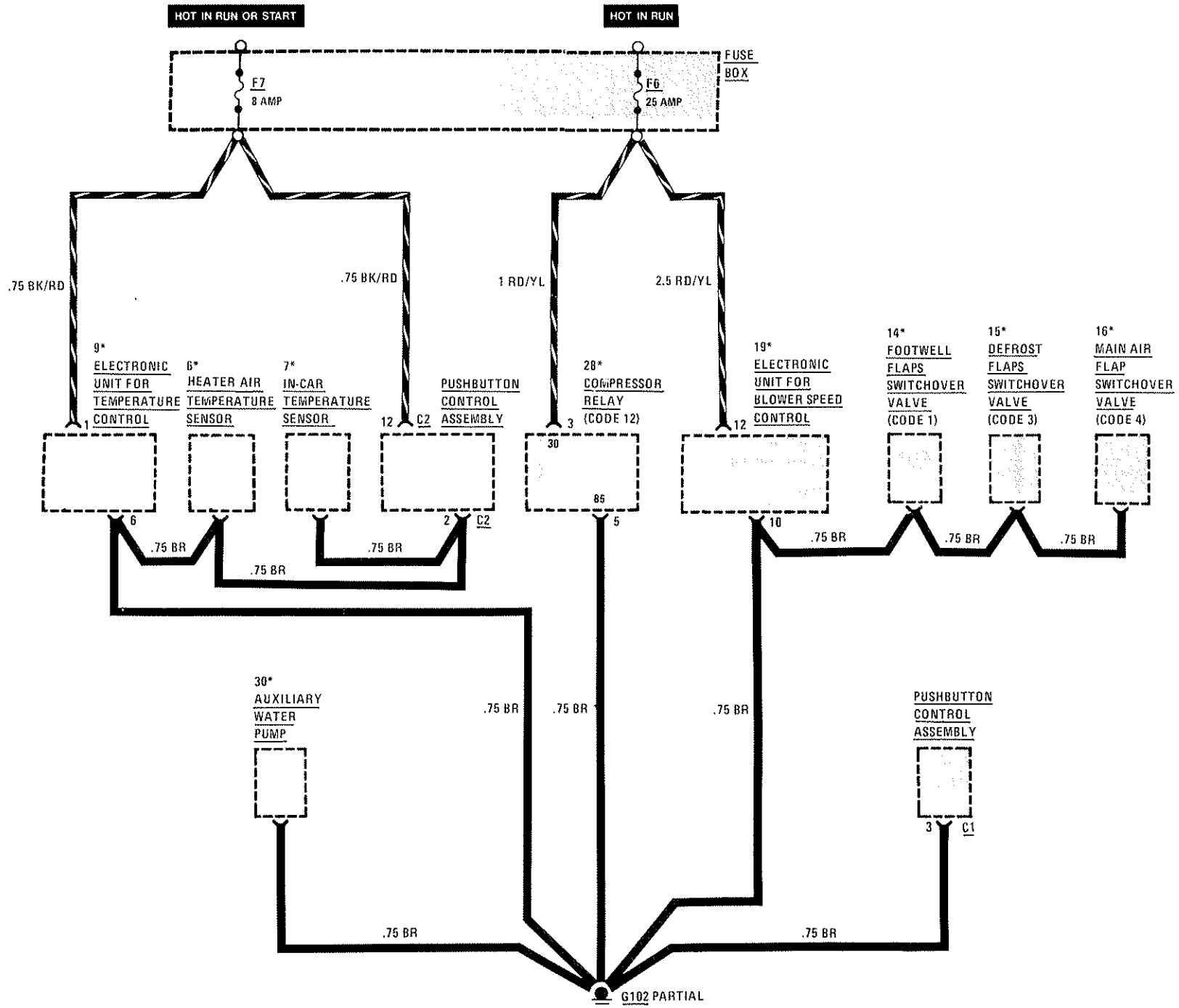
COMPRESSOR CLUTCH CONTROL

(For Component Locations See Page 334)

380 SL






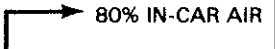
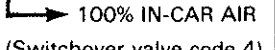


(For Component Locations See Page 322)



COMPONENT MODE TABLE

380 SL

COMPONENTS	MODES											
	IGNITION	OFF 		TOTAL VENTILATION 			NORMAL 			ECONOMY 		DEFROST 
		OFF	(HEAT)	(COOL)	(HEAT)	(COOL)	(COOL at "MIN")	(HEAT)	(COOL)	(COOL at "MIN")	(HEAT)	
HEATER WATER VALVE	OPEN	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	OPEN
AUXILIARY WATER PUMP	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON
COMPRESSOR CLUTCH	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON
CENTER FLAP (Switchover valve code 2)	CLOSED	CLOSED	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	CLOSED
FOOTWELL FLAPS (Switchover valve code 1)	CLOSED	CLOSED	CLOSED	OPEN	OPEN	OPEN	OPEN	CLOSED	CLOSED	OPEN	CLOSED	CLOSED
DEFROST FLAPS (Switchover valve code 3)	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY OPEN	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY CLOSED	FULLY CLOSED	ALMOST CLOSED	FULLY CLOSED	FULLY OPEN
 80% IN-CAR AIR MAIN AIR AIR FLAP  100% IN-CAR AIR (Switchover valve code 4)	0% RECIRC	100% RECIRC	100% RECIRC	0% RECIRC	80% RECIRC	80% RECIRC	0% RECIRC	80% RECIRC	80% RECIRC	0% RECIRC	1. 80% RECIRC 2. 0% RECIRC	0% RECIRC

COMPONENT LOCATIONS

380 SL

AUTOMATIC CLIMATE CONTROL

Aspirator	On RH side of heater housing	336-3
Auxiliary Water Pump	RH rear of engine compartment	334-2
Blower Resistors	RH side of fresh air inlet	335-1
Center Flap Switchover		
Valve (Code 2)	In switchover valve group, third from left	335-2
Center Flap Vacuum Element	On plenum near center outlet	335-3
Cold Engine Lockout Switch	RH front of engine	335-4
Compressor Low Pressure		
Cut-Out Switch	Receiver drier behind LH headlight	335-5
Compressor Relay (Code 12)	Fuse box	100-1
Defrost Flaps Switchover		
Valve (Code 3)	In switchover valve group, second from left ...	335-2
Defrost Flaps Vacuum		
Element	On plenum near center outlet	335-3
Electronic Unit for		
Blower Speed Control	Behind glove box	335-6
Electronic Unit for		
Temperature Control	Behind glove box	335-6
Evaporator Temperature		
Regulator	On RH side of heater housing	334-1
Footwell Flap Switchover		
Valve (Code 1)	In switchover valve group, fourth from left	335-2
Footwell Flaps Vacuum		
Element	In plenum	336-1
Main Air Flap Vacuum		
Elements	Behind glove box	335-2
Main Air Flap Switchover		
Valve (Code 4)	In switchover valve group, first from left	335-2
Heater Air Temperature		
Sensor	In plenum	336-1
Mono Heater Water Valve	RH rear engine compartment	334-2
In-Car Temperature Sensor ...	Top of instrument panel	336-2
Switchover Valve Group	Behind glove box	334-2
G102	Behind instrument cluster	
G107	Behind LH headlights	204-1



Figure 1 - RH side of Heater Housing

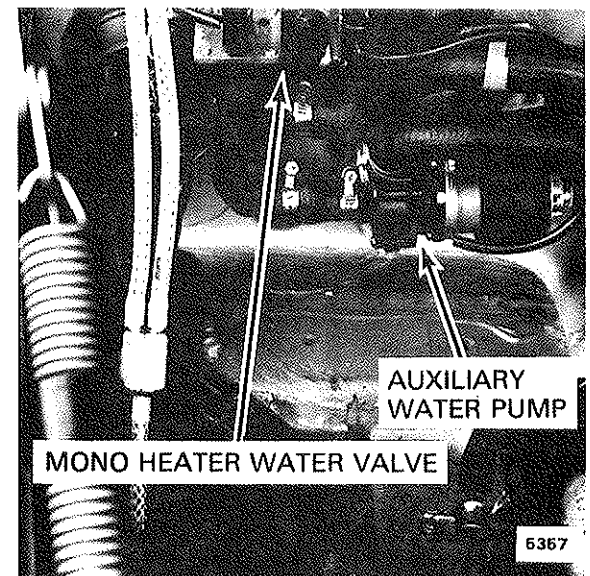


Figure 2 - RH Rear of Engine Compartment

COMPONENT LOCATIONS

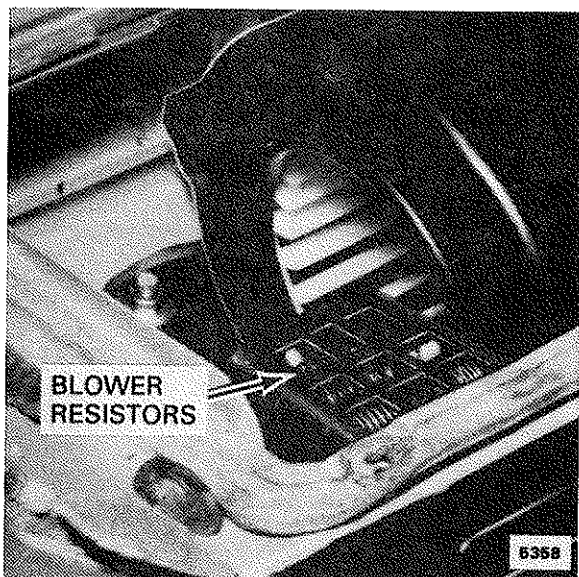


Figure 1 - RH Side of Fresh Air Inlet

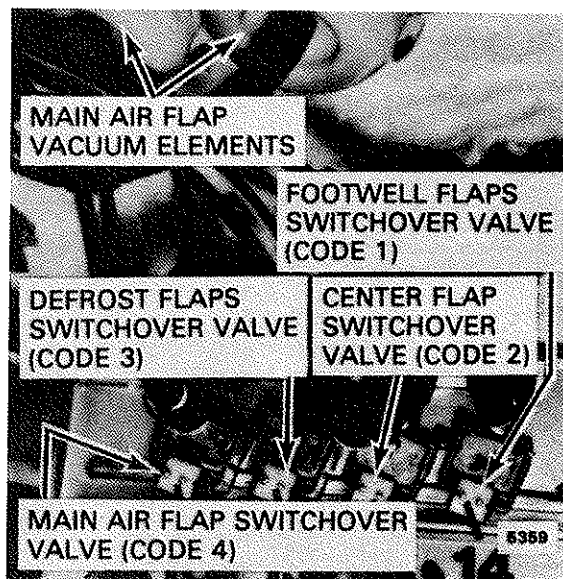


Figure 2 - Behind Console

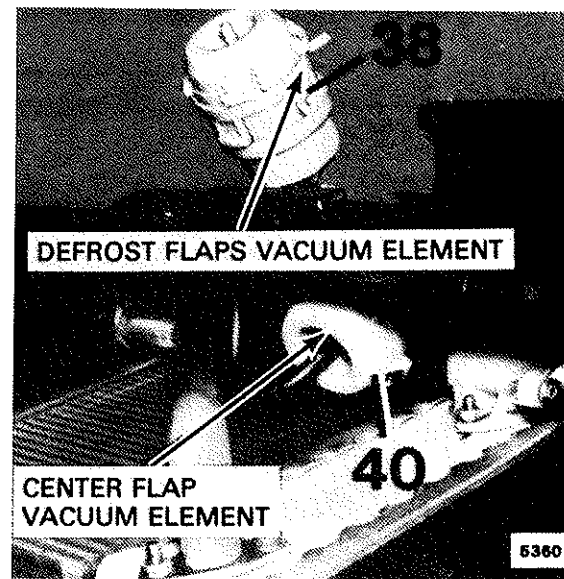


Figure 3 - Behind Console

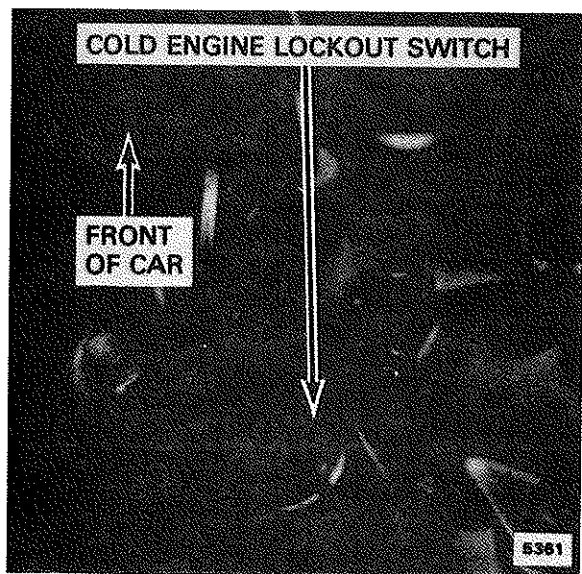


Figure 4 - Top LH Rear of Engine



Figure 5 - Front of Radiator

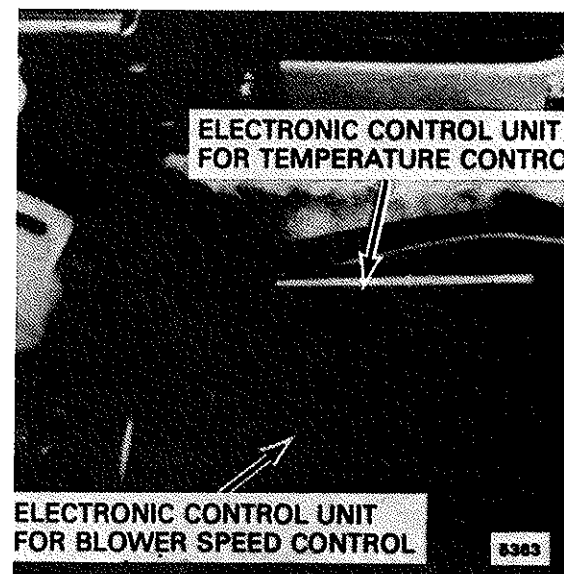


Figure 6 - Behind Glove Box

COMPONENT LOCATIONS

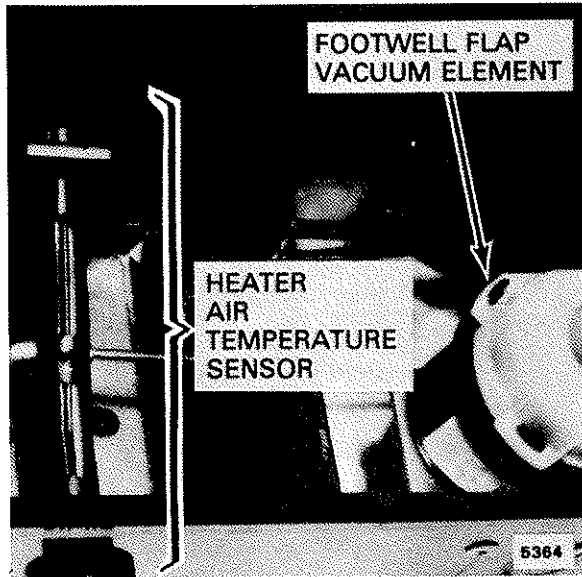


Figure 1 - Behind Console Inside Plenum

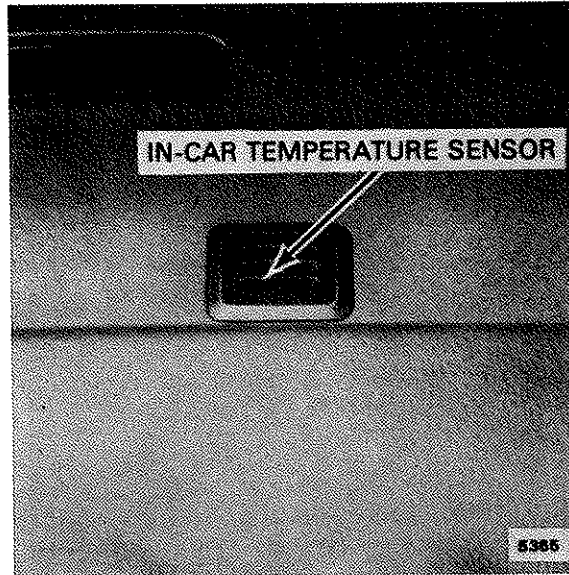


Figure 2 - On Top of Instrument Panel

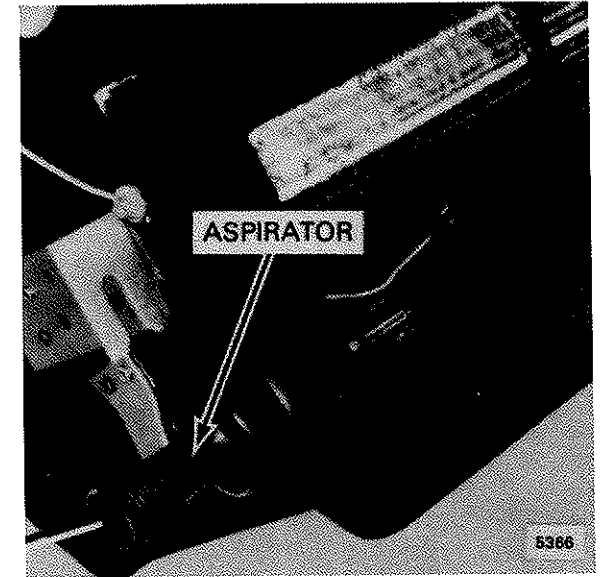


Figure 3 - RH Side of Heater Housing