MERCEDES-BENZ

Service

Electrical Troubleshooting Manual

1983 – 1985 Mercedes-Benz 126 Gasoline
380SE, 380SEL, 380SEC, 500SEL, 500SEC

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INTRODUCTION

This manual contains electrical troubleshooting information for the model 107 and 126 automobiles. It contains schematic diagrams for the following models:

MODEL	DESIGNATION	MODEL YEARS
107.046	380 SL	1983-1985
107.048	560 SL	1986-
126.024	300 SE	1988-
126.025	300 SEL	1988-
126.032	380 SE	1983-1985
126.033	380 SEL	1983-1985
126.035	420 SEL	1986-
126.037	500 SEL	1983-1985
126.039	560 SEL	1986-
126.043	380 SEC	1983-1985
126.044	500 SEC	1983-1985
126.045	560 SEC	1986-
126.120	300 SD	1983-1985
126.125	300 SDL	1986-1987

The front page of each section contains the index for that section. Refer to the appropriate schematic diagram as the starting point in diagnosing a fault symptom (See Troubleshooting, page 8).

Component location information is referenced at the top of each schematic page. This information includes a description of each component location and a referenced photograph showing component location on the picture.

Automatic Climate Control (ACC) data for all models is contained in separate sections of the manual.

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 Starter/Switch positions which supply power to the point. (See Circuit Identification, page 12.)

The terminal number "30" appearing on the Ignition/Starter Switch and Exterior Lamp Switch means that these terminals are always supplied with power. The terminal number "15" on the Ignition/Starter Switch means that this terminal is supplied with power only when the Ignition/Starter 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 with a solid state symbol. Switches and sensors are shown "at rest," as if the Ignition Starter/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 on one schematic diagram. Wires common to different schematics are cross referenced and marked with arrows. To find other circuits which might share fuse terminals or screw terminal blocks, look on the Power Distribution or Fuse Block Details schematics. To find other circuits which might share connections to ground terminals, look on the Ground Distribution schematics.

Power Distribution and Ground Distribution Diagrams

The Power Distribution diagrams show connections from the Battery and Alternator to the fuses, and to the Ignition Starter/Switch and Exterior Lamp 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. Above the component name, you may find a Component Identification Code Number.

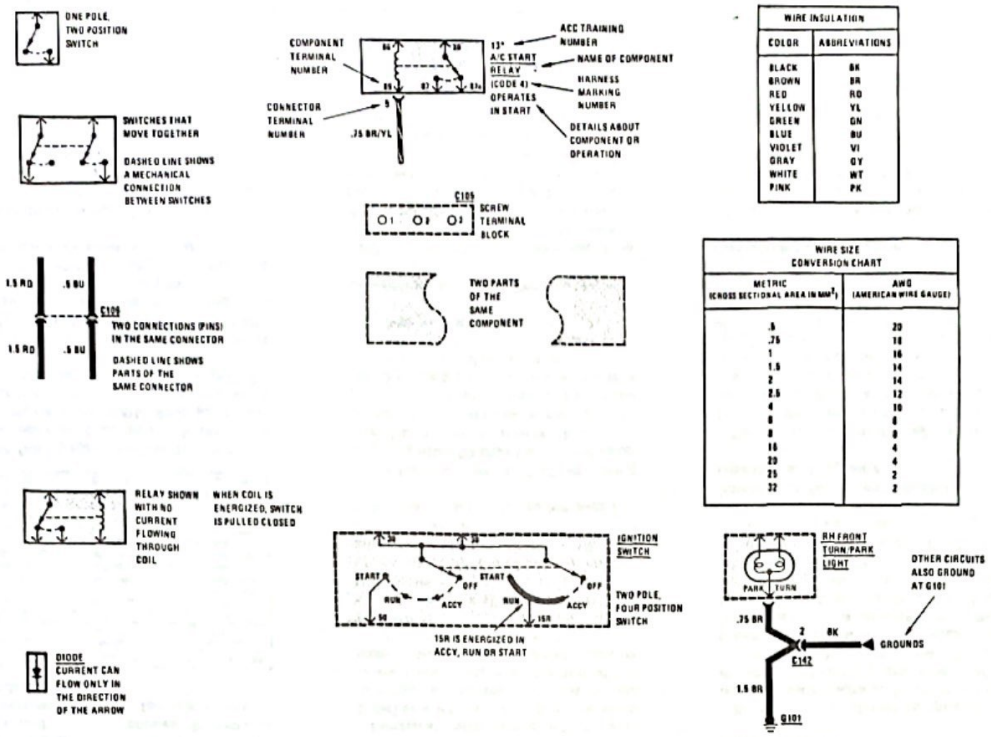
REVISIONS:

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SYMBOLS

MY 1983/MY 1984/MY 1985

ALL MODELS



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 (CROSS SECTIONAL 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
10	6
20	4
25	2
32	2

REVISIONS:

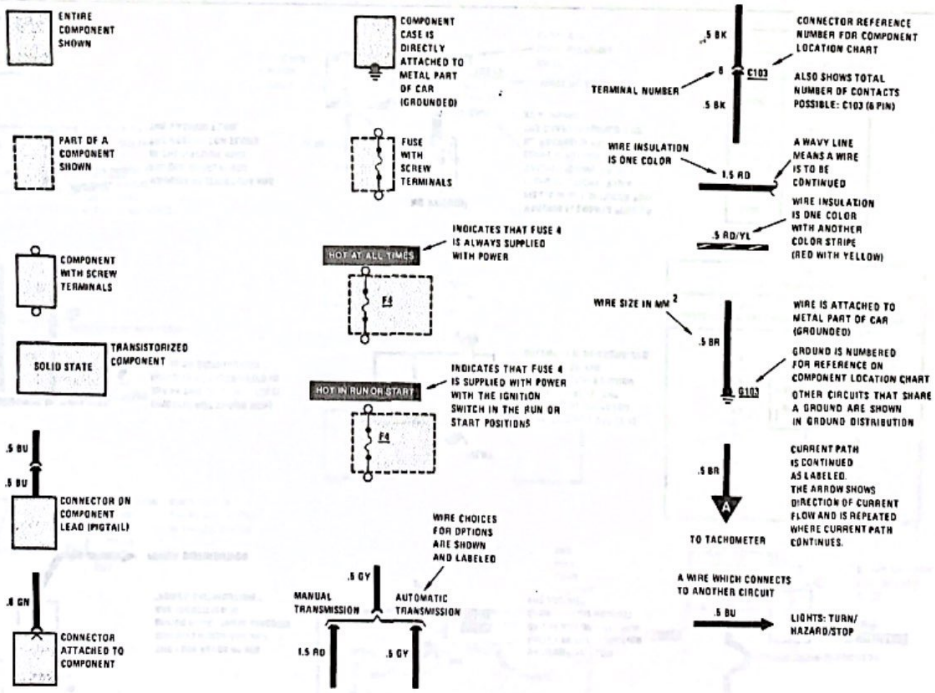
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SYMBOLS

MY 1983/MY 1984/MY 1985

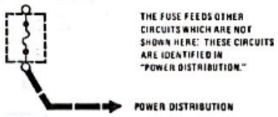
ALL MODELS



REVISIONS:

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

POWER DISTRIBUTION

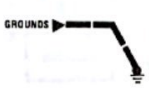


CHECK VALVE

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

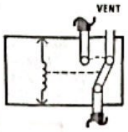


TEMPERATURE SENSOR



GROUNDS

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



VENT

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



PICK UP

INDUCTIVE SENSOR



VACUUM RESTRICTOR

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



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.

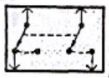
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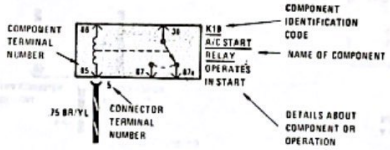


ONE POLE, TWO POSITION SWITCH

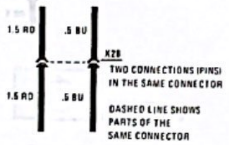


SWITCHES THAT MOVE TOGETHER

DASHED LINE SHOWS A MECHANICAL CONNECTION BETWEEN SWITCHES

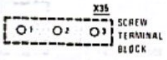


WIRE INSULATION	
COLOR	ABBREVIATIONS
BLACK	BK
BROWN	BR
RED	RD
YELLOW	YL
GREEN	GN
BLUE	BU
VIOLET	VI
GRAY	GY
WHITE	WT
PINK	PK



TWO CONNECTIONS (PINS) IN THE SAME CONNECTOR

DASHED LINE SHOWS PARTS OF THE SAME CONNECTOR



SCREW TERMINAL BLOCK

WIRE SIZE CONVERSION CHART	
METRIC CROSS SECTIONAL 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
10	6
20	4
25	2
32	2



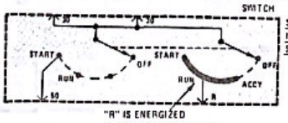
TWO PARTS OF THE SAME COMPONENT



RELAY SHOWN WITH NO CURRENT FLOWING THROUGH COIL

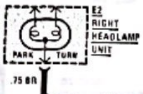
WHEN COIL IS ENERGIZED, SWITCH IS PULLED CLOSED

TWO POLE, FOUR POSITION SWITCH

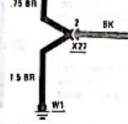


S21 IGNITION/STARTER SWITCH

"A" IS ENERGIZED IN ACCY, RUN OR START



E2 RIGHT HEADLAMP UNIT



OTHER CIRCUITS ALSO GROUND AT W1

GROUNDS



DIODE CURRENT CAN FLOW ONLY IN THE DIRECTION OF THE ARROW

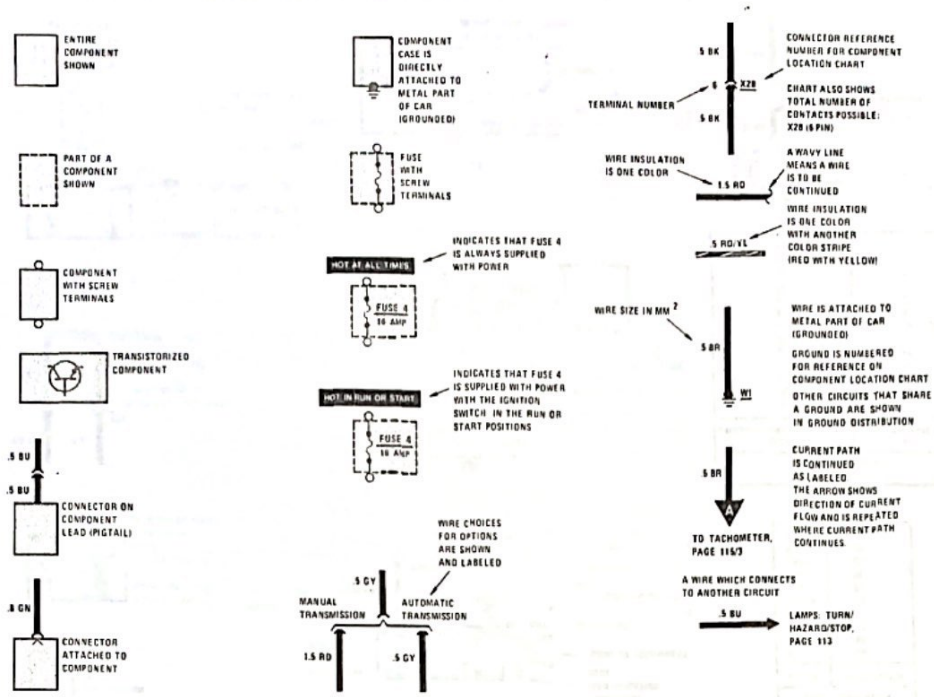
REVISIONS:

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SYMBOLS

AS OF MY 1986

ALL MODELS



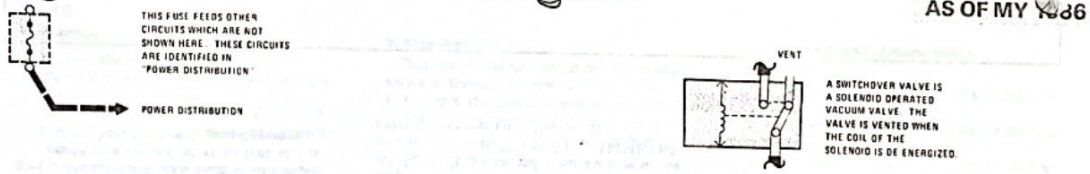
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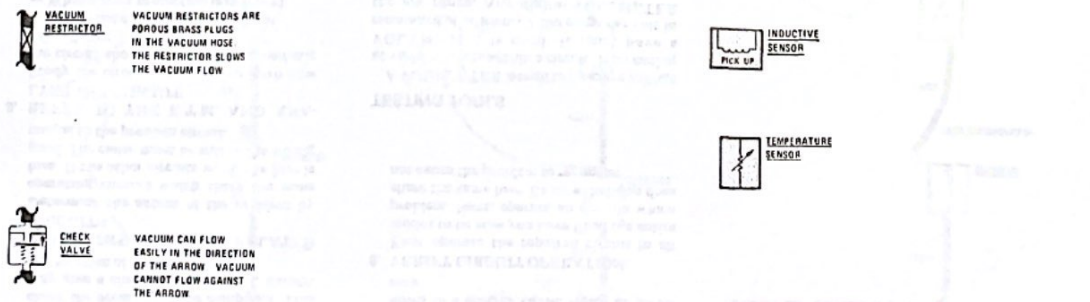
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SYMBOLS

AS OF MY 1986



ALL MODELS



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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 AMMETER measures the current flowing within a circuit. There are two types of AMMETERS: the SERIES AMMETER and the INDUCTIVE (clamp-on) AMMETER (e.g. Sun DMM-5). The INDUCTIVE AMMETER is clamped around a wire in the circuit under test. The SERIES AMMETER must be connected into the circuit.

A SERIES AMMETER must never be connected in parallel with a component. This can cause a short circuit and damage the meter.

REVISIONS:

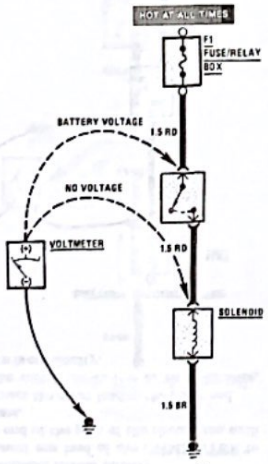
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TROUBLESHOOTING
AS OF MY 1983
ALL MODELS

TESTS

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.

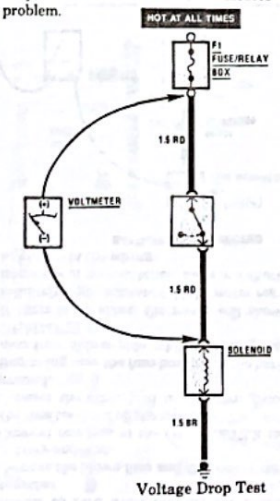


Voltage Test

Voltage Drop Test

This test checks for voltage being lost along a wire, or through a connection or switch.

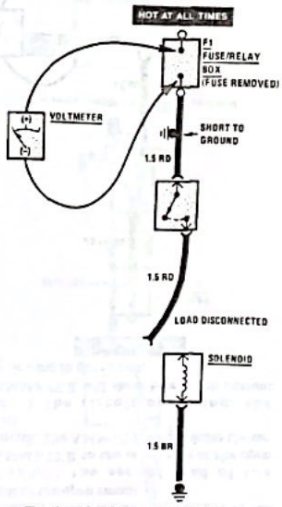
1. Connect the positive lead of the VOLTMETER to the end of the wire, or to the side of the connection which is closest to the battery.
2. Connect the negative lead to the other end of the wire, or the other side of the connection.
3. When the circuit is operated, the VOLTMETER will show the difference 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

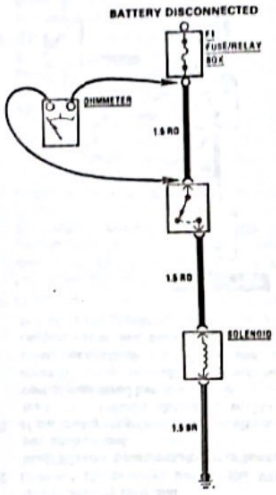
REVISIONS:

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TROUBLESHOOTING

Continuity Test

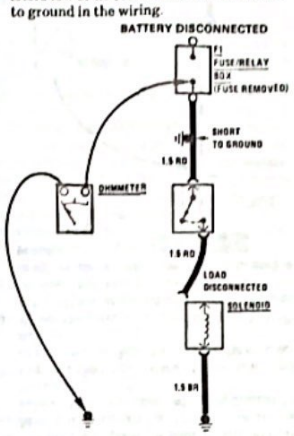
1. Check OHMMETER by adjusting the needle to zero while holding the leads together.
2. Disconnect the car battery.
3. Connect one lead of the OHMMETER to one end of the part of the circuit you wish to test.
4. Connect the other lead to the other end.
5. If the meter shows low or no resistance, there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



Continuity Test

Testing For Short to Ground With an Ohmmeter

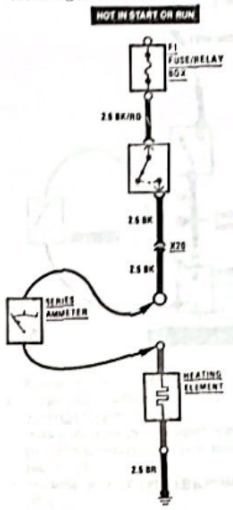
1. Calibrate OHMMETER by adjusting the needle to zero while holding the leads together.
2. Remove the blown fuse and disconnect the battery and load.
3. Connect one lead of the OHMMETER to the fuse terminal on the load side.
4. Connect the other lead to a known good ground.
5. Beginning near the fuse 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

Current Test With a Series Ammeter

1. Disconnect the circuit at a convenient point such as a connector.
2. Connect a lead of the AMMETER to one side of the open circuit.
3. Connect the second lead of the AMMETER to the other side of the open circuit. The AMMETER completes the circuit.
4. With the circuit operating, the AMMETER will show how much current is flowing in the circuit.



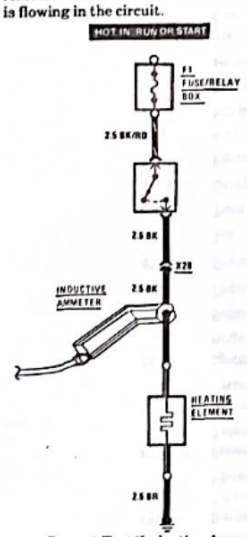
Current Test (Series Ammeter)

REVISIONS:

TROUBLESHOOTING

Current Test With an Inductive Ammeter

1. Clamp the AMMETER pliers around the wire under test in the circuit.
2. With the circuit operating, the AMMETER will show how much current is flowing in the circuit.

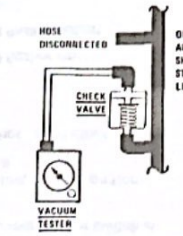


Current Test (Inductive Ammeter)

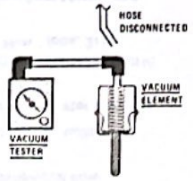
Troubleshooting Vacuum Components

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



ONCE VACUUM IS APPLIED, THE READING SHOULD REMAIN STABLE WITHIN THE LIMITS SHOWN ABOVE.

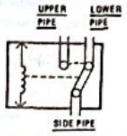


ELEMENT SHAFT SHOULD RETRACT AS VACUUM IS APPLIED BY TESTER. ONCE VACUUM IS APPLIED, THE READING SHOULD REMAIN STABLE WITHIN THE LIMITS SHOWN ABOVE.

Switchover Valves (as of MY 1984)

The former switchover valves on all models are replaced by a standard switchover valve.

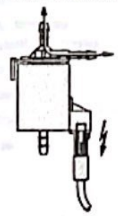
When de-energized (no current), the side and the lower pipes are connected to each other. When energized, the upper pipe connects to the side pipe. If only two pipes are used, a standard protective cap with vent is plugged onto the third pipe.



SCHEMATIC SYMBOL FOR SWITCHOVER VALVE



SWITCHOVER VALVE DE-ENERGIZED



SWITCHOVER VALVE ENERGIZED

REVISIONS:

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CIRCUIT IDENTIFICATION

AS OF MY 1983

Circuit	Description
1	Negative side of ignition coil (low voltage).
4	Output of ignition coil (high voltage).
15	Battery voltage; ignition/starter switch in "Run" (pos. 2) of "Start".
15R	Battery voltage; ignition/starter switch in "Accy" (pos. 1), "Run" (pos. 2) or "Start".
15R/30	Power feed for Power Seat Motors and Telescopic Steering Wheel.
15X	Battery voltage; ignition/starter switch in "Run" (Pos. 2).
16	Ignition switching unit connection from negative side of coil.
30	Battery voltage; "hot" at all times.
31	Ground.
31b	Switched ground.
49	Turn signal/hazard flasher input.
49a	Turn signal/hazard flasher output.
50	Starter motor control.
56	Power feed for headlamps.
56a	Headlamps; high beam and indicator lamp.
56b	Headlamps; low beam.
56d	Headlamp flasher.
58D	Instrument lamp output; from Electronic Control Unit.
58d	Instrument lamp output; from Rheostat.
58L	Parking, tail, side marker lamps; left side.
58R	Parking, tail, side marker lamps; right side.
58N	Fog lamps.
61	Charge indicator.
85	Relay winding; ground side.
86	Relay winding; positive side.
87	Relay output; normally open.
87a	Relay output; normally closed.
K, K30	Battery voltage; exterior lamp switch in "Parking" or "Headlamp" position.
L	Turn signal lamps; left side.
LA	Preglow indicator.
N	Fog lamp switch; output.
NSE	Fog lamp switch; input.
	Battery voltage with exterior lamp switch in "Parking" or "Headlamp" position.
P30	Power feed for R and L standing lamps; battery voltage with ignition/starter switch in "Off" or "Accessory" position.
R	Turn signal lamps; right side.
TD	Engine speed signal.

NOTE: Circuit identification numbers will appear on schematics inside component boxes. Connector terminal numbers will appear on schematics outside component boxes.

REVISIONS:

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126.033	380 SEL	126.044	500 SEC
126.043	380 SEC		

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REVISIONS:

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FUSE – CIRCUIT LIST

MY 1983/MY 1984/MY 1985

Fuse No.	Fuse Amps (color)	Circuits Protected	Connection to Circuit	Page
1	8 (WT)	Lights: Marker/License Lights: Park/Tail (RH) Warning System Illumination: Instrument Cluster/ Center Console	58R	115 114 118/4 122
2	8 (WT)	Headlights (RH High Beam/ Indicator)	56a	111
3	8 (WT)	Lights: Park/Tail (LH)	58L	114
4	8 (WT)	Headlights (LH High Beam)	56a	111
5	25 (BU)	Power Seats (Front Power Seat Switches: Front Height and Fwd-Back)	15R/30	132
6	16 (PK)	Headlights (RH Low Beam)/Fog Lights	56b	111
7	16 (PK)	Headlights (Flash) Wiper/Washer Power Windows RH Outside Mirror Power Seats	15R	111 125 128 139 132
8	8 (WT)	Headlights (LH Low Beam)	56b	111
9	8 (WT) 16 (PK)*	Glove Box Light Wiper/Washer (Washer Jet Heaters) Front Cigar Lighter/Radio *Orthopedic Seats ① *Heated Seats (Front)	15R	124 125 136 134/2 138
10	8 (WT)	Transmission Kickdown ① Backup Lights Auxiliary Fan Automatic Climate Control ① Outside Air Temperature Gauge	15	107/1 124 126 127 118
11	25 (BU)	Automatic Climate Control	15X	127
12	8 (WT)	Stoplights/Cruise Control Warning Indicators/Gauges Turn Signal Lights Warning System Anti Lock Brake System ② Anti Theft Alarm System ①	15	113 116 112 118/4 149 150/3
13	8 (WT)	Seat Backrest Locking System Clock Radio Central Locking System Hazard Lights Diagnostic Socket	30	146 118 136 137 112 107
14	25 (BU)	Rear Cigar Lighters Rear Defogger Heated Seats (Rear) Horns Seatbelt Extenders Warning System	15	148 135 138 124 144 121
15	8 (WT)	Seatbelt Extenders Power Seats Trunk Light Courtesy Lights Automatic Antenna Warning System Anti Theft Alarm System ①	30	144 132 148 140 136 118/4 150/3
16	16 (PK)	Rear Seat Adjustment Sliding Roof	15	134 135
a	16 (PK)	Power Windows (RF/LR)	15R	128
b	16 (PK)	Power Windows (LF/RR)	15R	128
c	16 (PK)	Auxiliary Fan	30	126
d	25 (BU)	Power Seats (Front Power Seat Switches: Rear Height and Backrest)	15R/30	132
	30	Rear Defogger	15	135

Auxiliary Fuse Box

	30	Rear Defogger	15	135

126.032/.033/.037/.043/.044

1/87

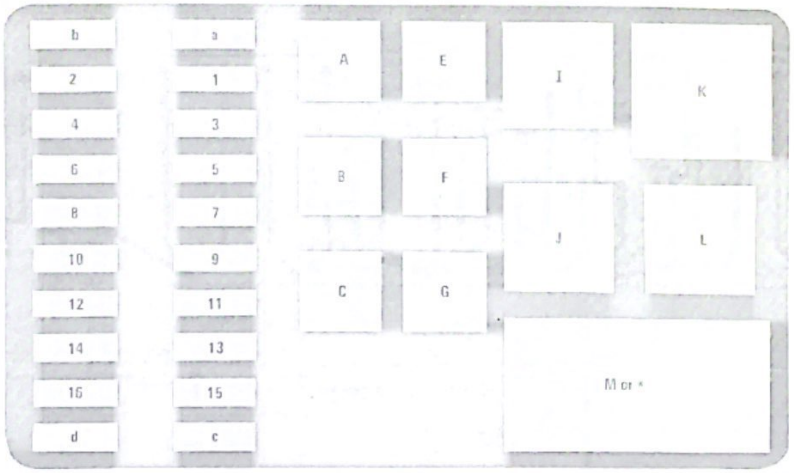
REVISIONS: ① AS OF MODEL YEAR 1984
② AS OF MODEL YEAR 1985

FUSE BOX

MY 1985

4/86

FUSES (SEE PAGE 102)



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)
G	Air Injection Relay (Air Injection Management/Idle Speed Stabilization)

RELAY CODE	RELAY USE
I	Over Voltage Protection Relay (Lambda Control/Diagnostic Socket)
J	Compressor Time Delay Relay (ACC)
K	Rear Defogger Timer Relay (Rear Defogger/Sliding Roof)
L	Interval Wipe Control (Wiper/Washer)
M or *	Electronic Fuel Pump Relay (Wiper/ Washer)

126.032/.033/.037/.043/.044

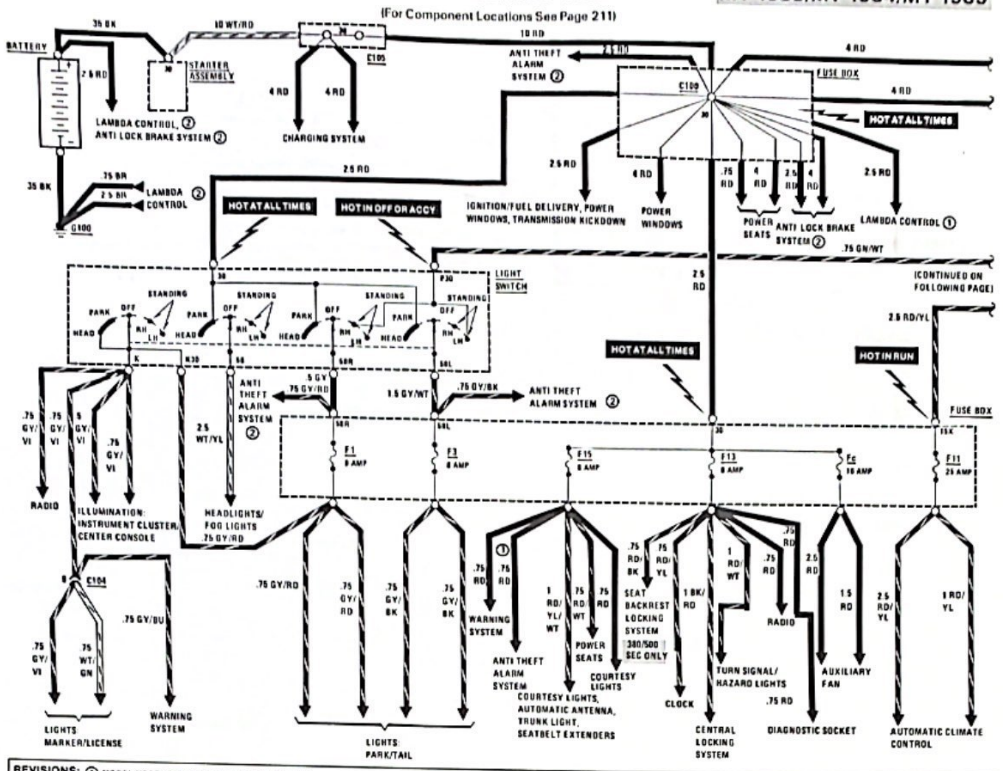
REVISIONS:

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POWER DISTRIBUTION

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 211)

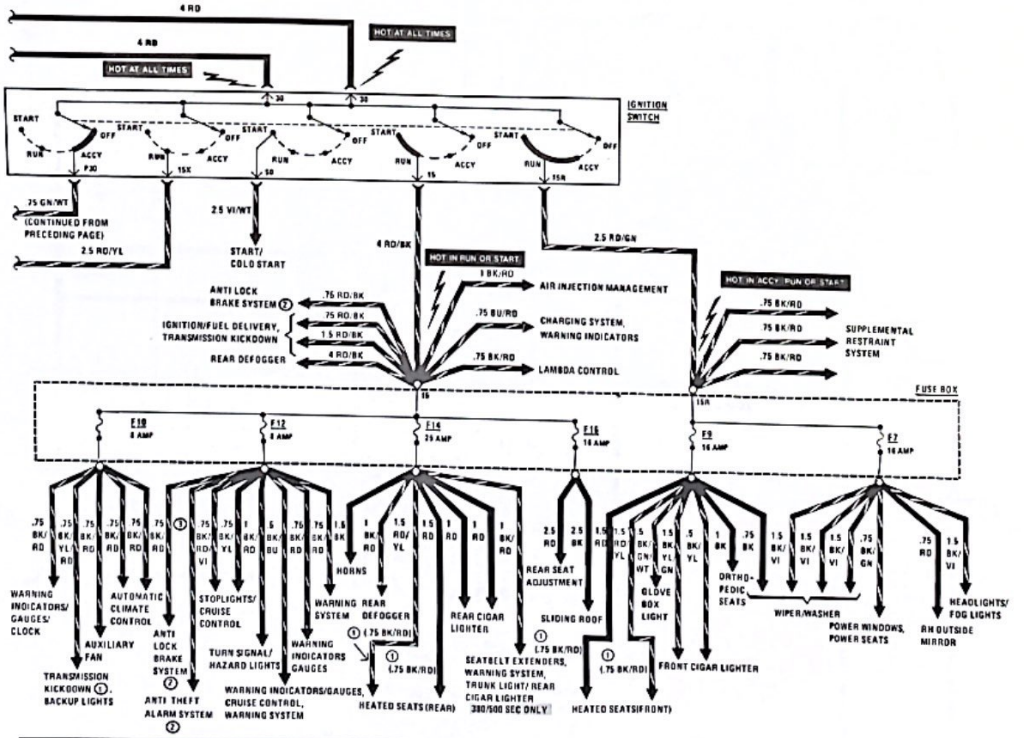


REVISIONS: ① MODEL YEAR 1983 AND MODEL YEAR 1984 ONLY
② AS OF MODEL YEAR 1985
③ MODEL YEAR 1984 AND 1985

POWER DISTRIBUTION

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 211)



REVISIONS: ① AS OF MODEL YEAR 1984
② AS OF MODEL YEAR 1985
③ .75 BK/YL (MODEL YEAR 1984), .75 BK/WT (MODEL YEAR 1985)

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106

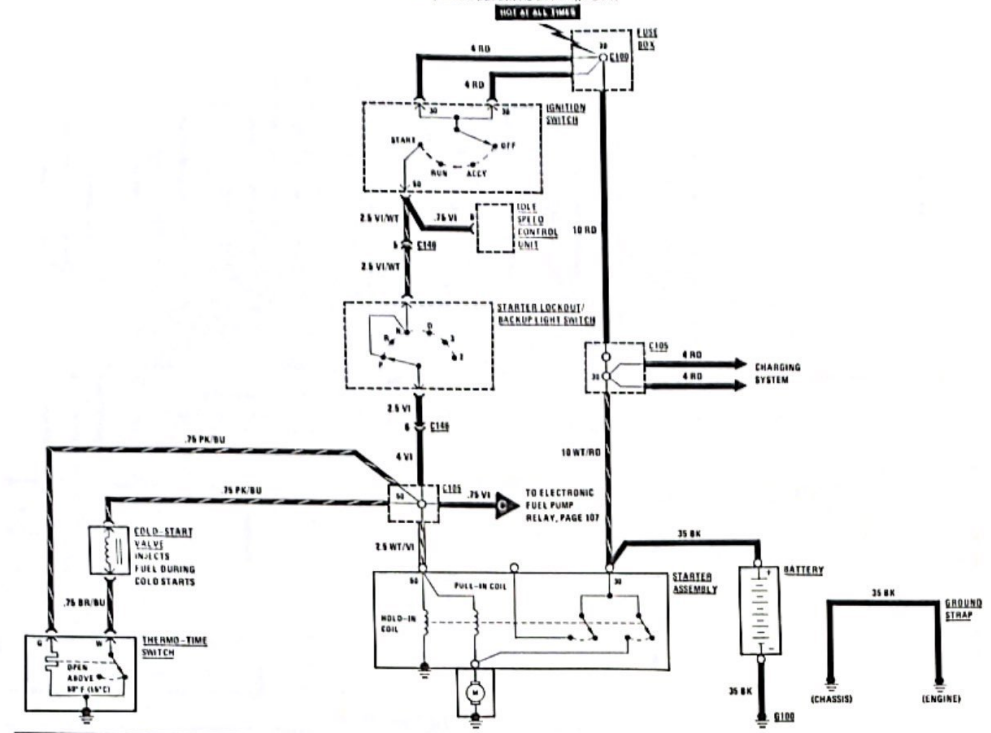
126.032/.033/.037/.043/.044

4/86

START/COLD START

(For Component Locations See Page 214)

MY 1983/MY 1984/MY 1985



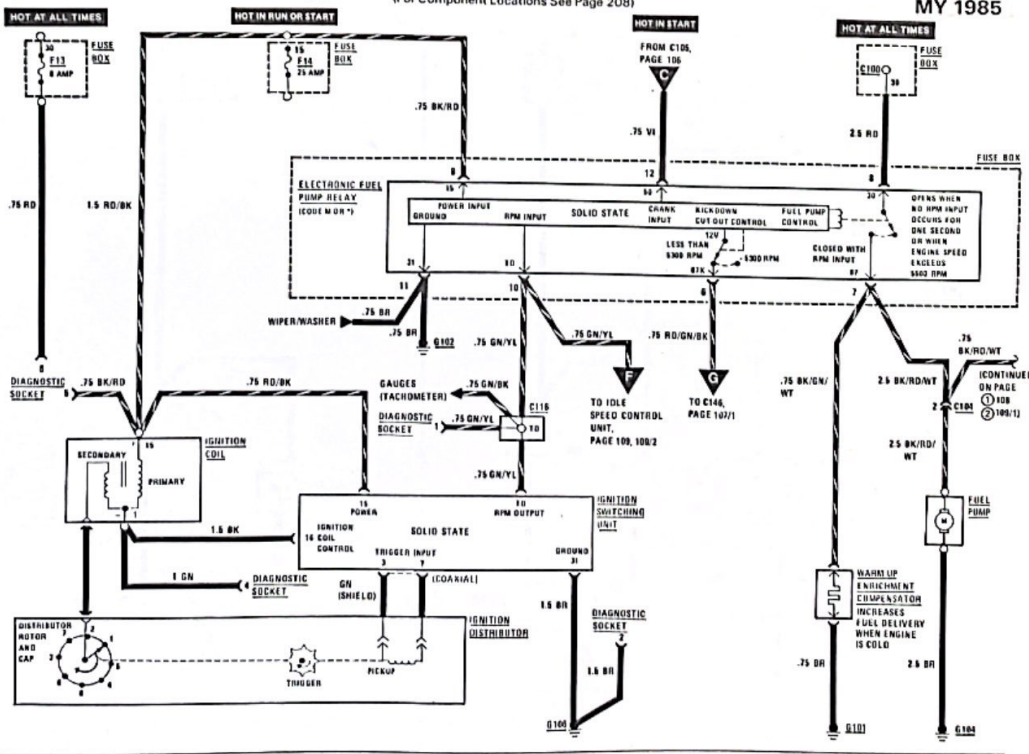
REVISIONS:

4/86

IGNITION/FUEL DELIVERY/DIAGNOSTIC SOCKET

(For Component Locations See Page 208)

MY 1983/MY 1984/ MY 1985



REVISIONS: ① AS OF MODEL YEAR 1983
② AS OF MODEL YEAR 1985

107

126.032/.033/.037/.043/.044

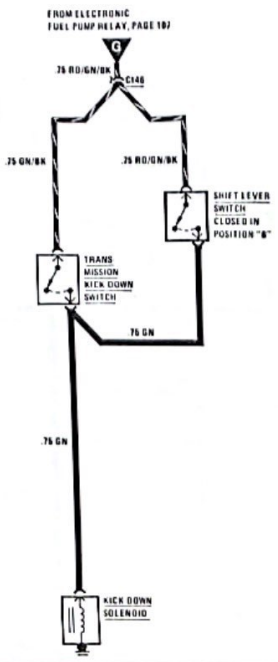
4/86

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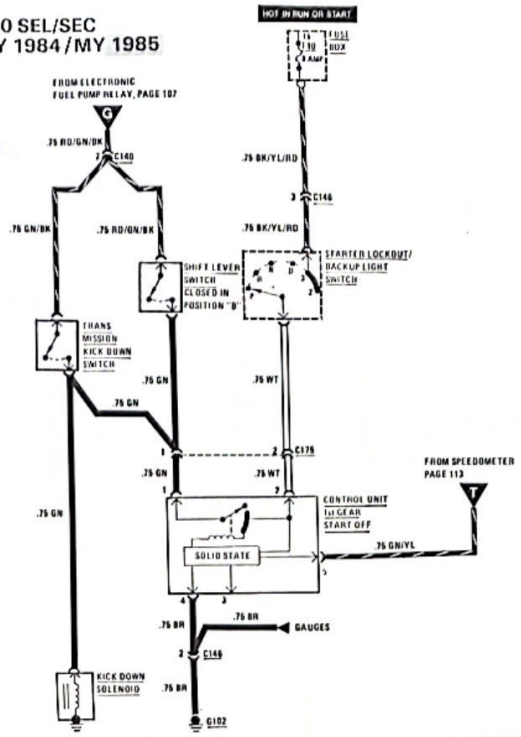
TRANSMISSION KICKDOWN

(For Component Location See Page 208)

380 SEL/SEC MY 1983
380 SE MY 1984/MY 1985



500 SEL/SEC
MY 1984/MY 1985



REVISIONS:

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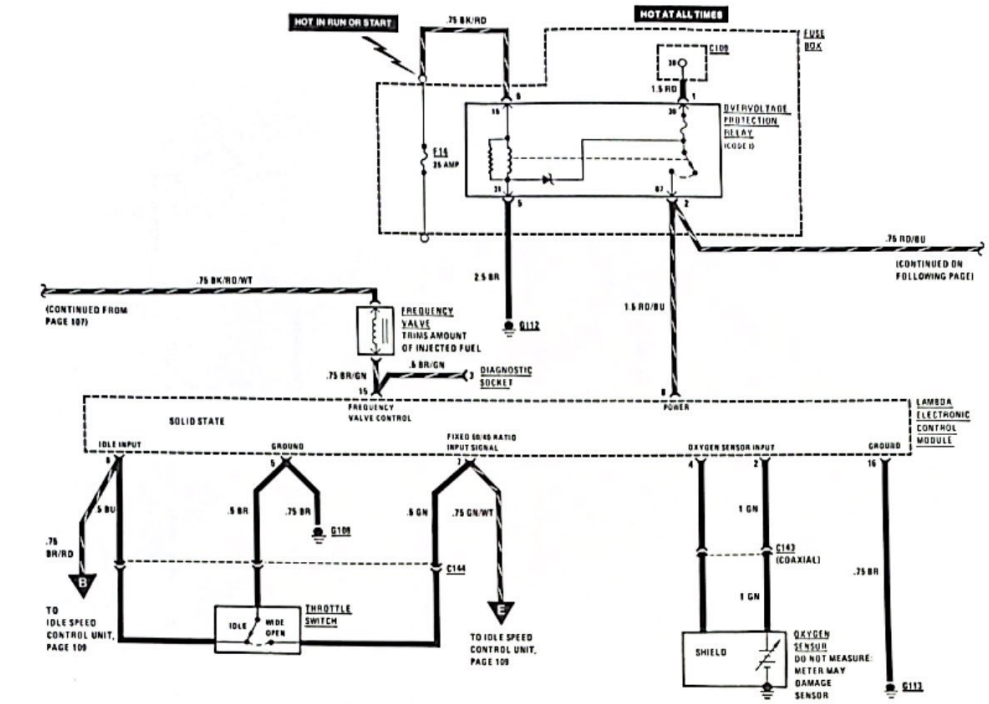
REVISIONS:

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LAMBDA CONTROL/DIAGNOSTIC SOCKET

MY 1983/MY 1984

(For Component Locations See Page 205)



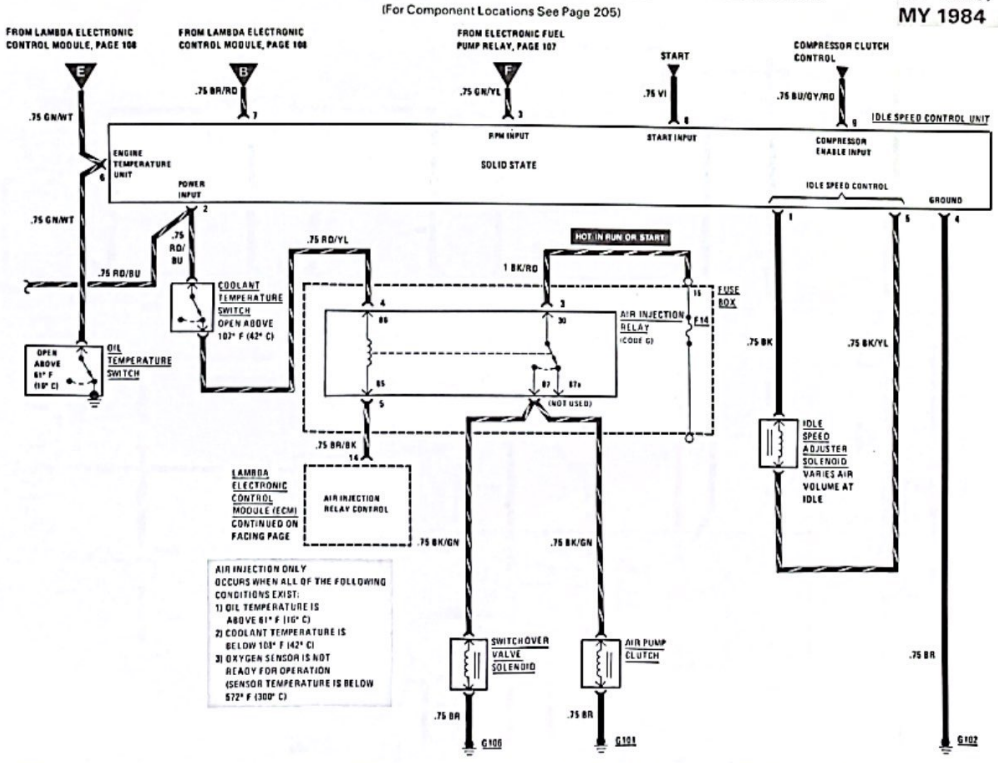
REVISIONS:

1/87

AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION

MY 1983/ MY 1984

(For Component Locations See Page 205)



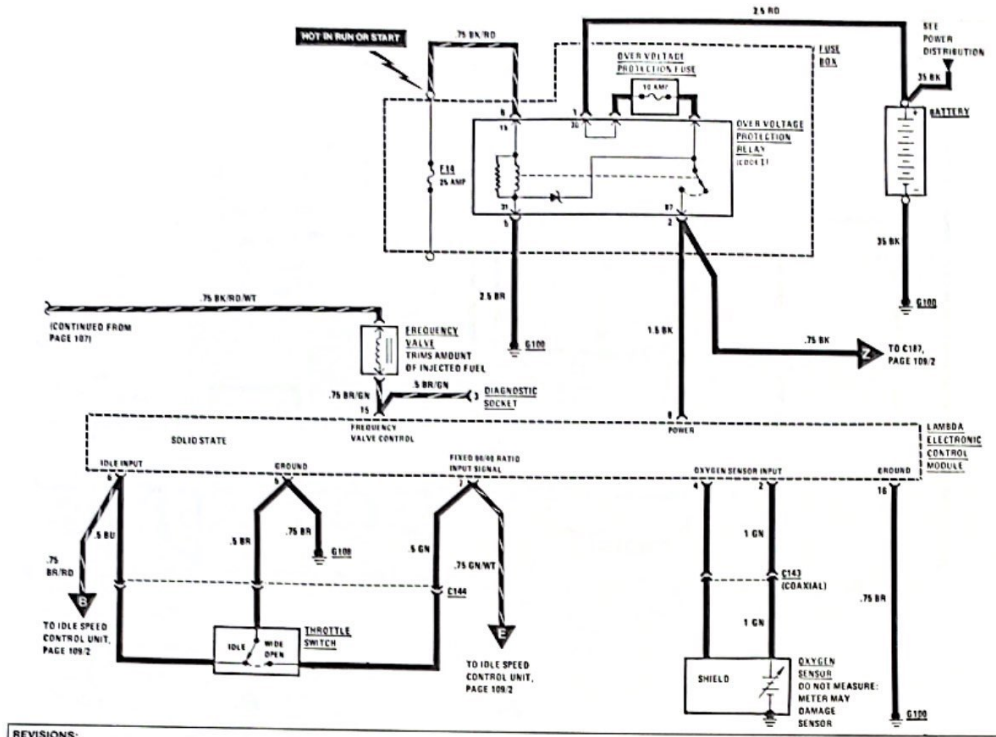
REVISIONS:

Scanned with CamScanner

LAMBDA CONTROL/DIAGNOSTIC SOCKET

MY 1985

(For Component Locations See Page 205)



REVISIONS:

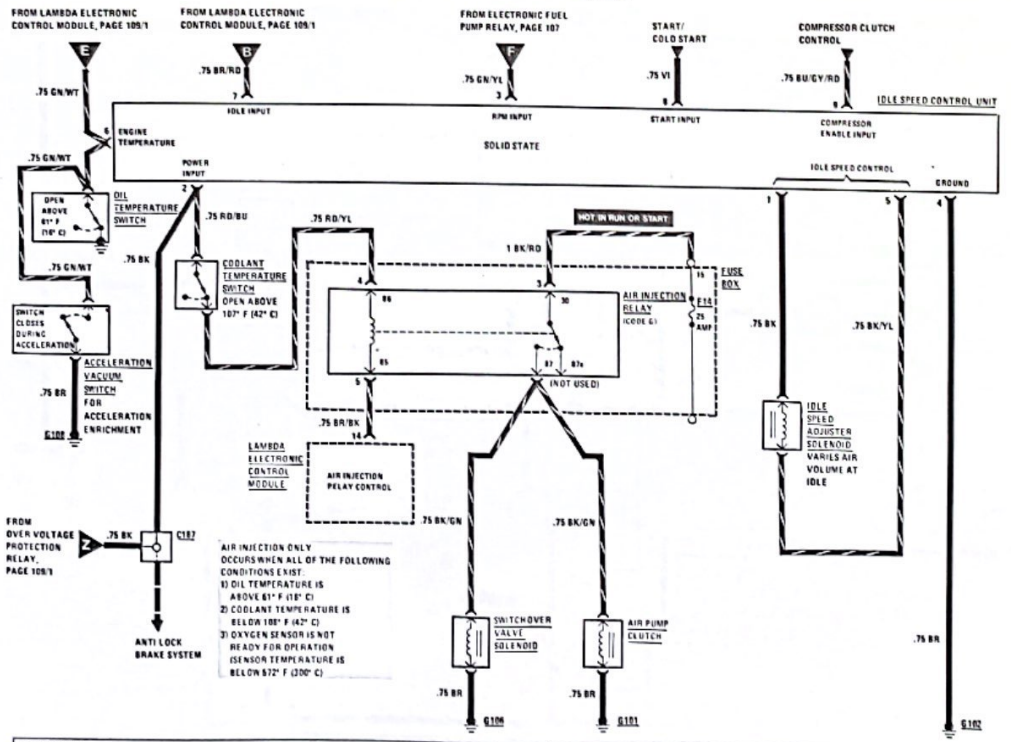
126.032/.037/.044

4/86

AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION

MY 1985

(For Component Locations See Page 205)



REVISIONS:

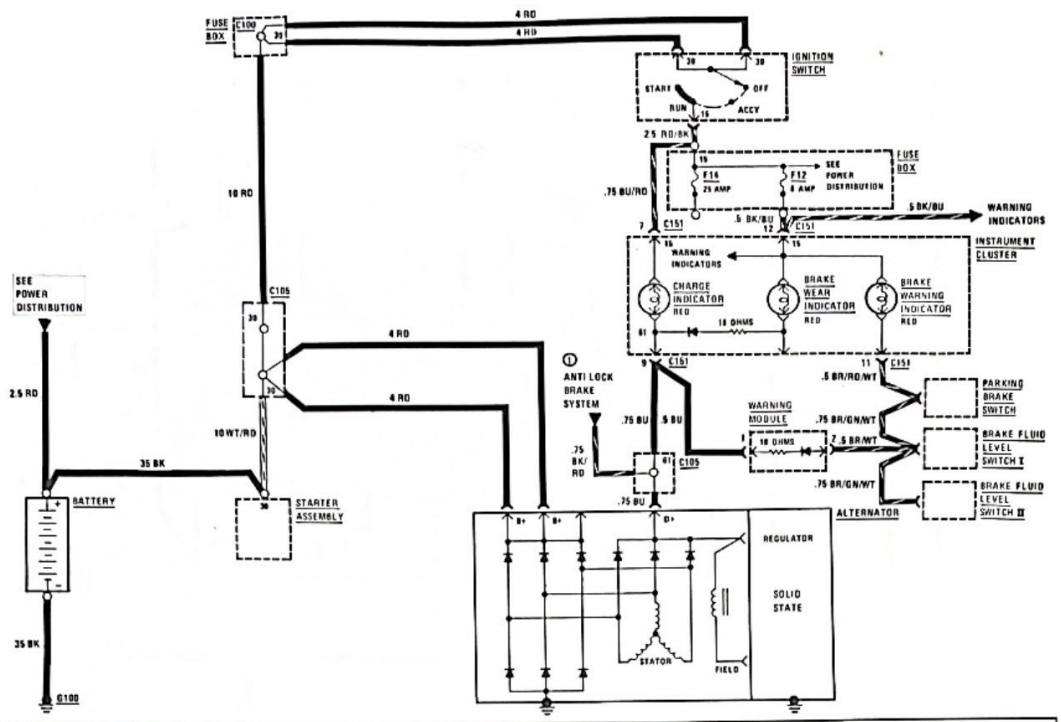
126.032/.037/.044

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CHARGING SYSTEM

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 204)

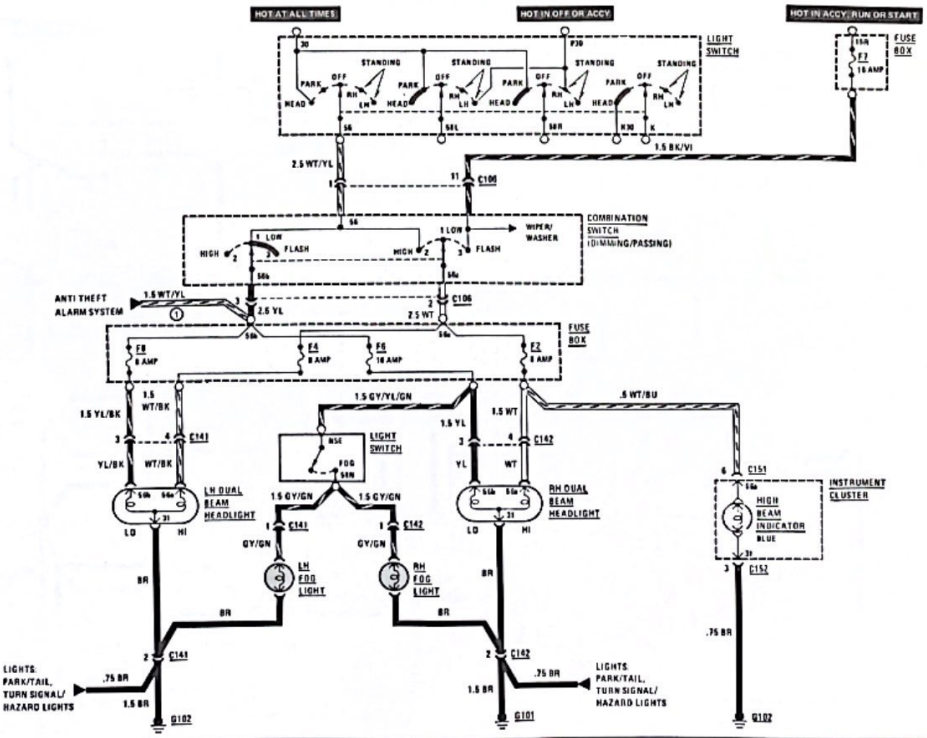


REVISIONS: ① AS OF MODEL YEAR 1985

HEADLIGHTS/FOG LIGHTS

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 208)



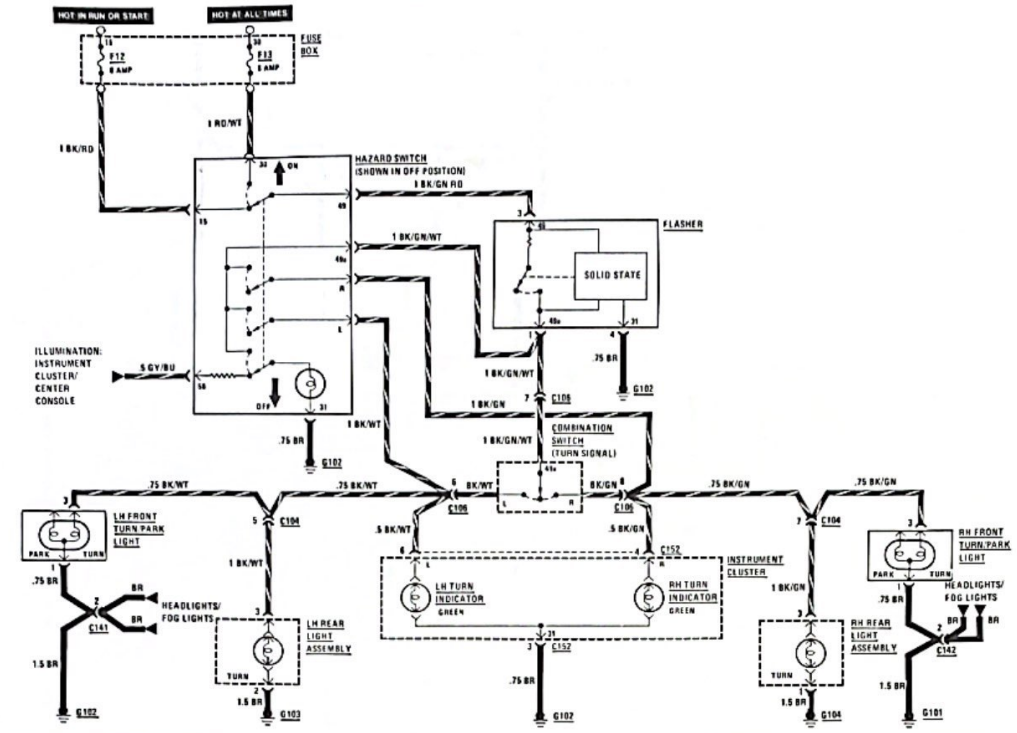
REVISIONS ① AS OF MODEL YEAR 1985

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TURN SIGNAL/HAZARD LIGHTS

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 217)



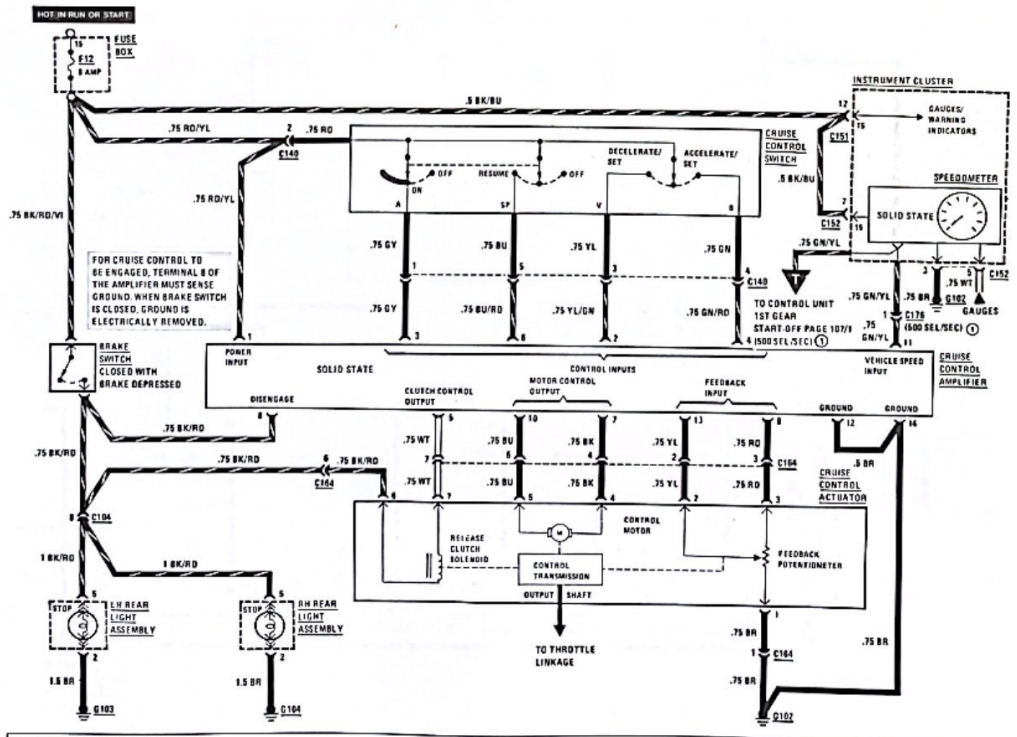
REVISIONS:

4/86

STOPLIGHTS/CRUISE CONTROL

MY 1983/MY 1984

(For Component Locations See Page 215)

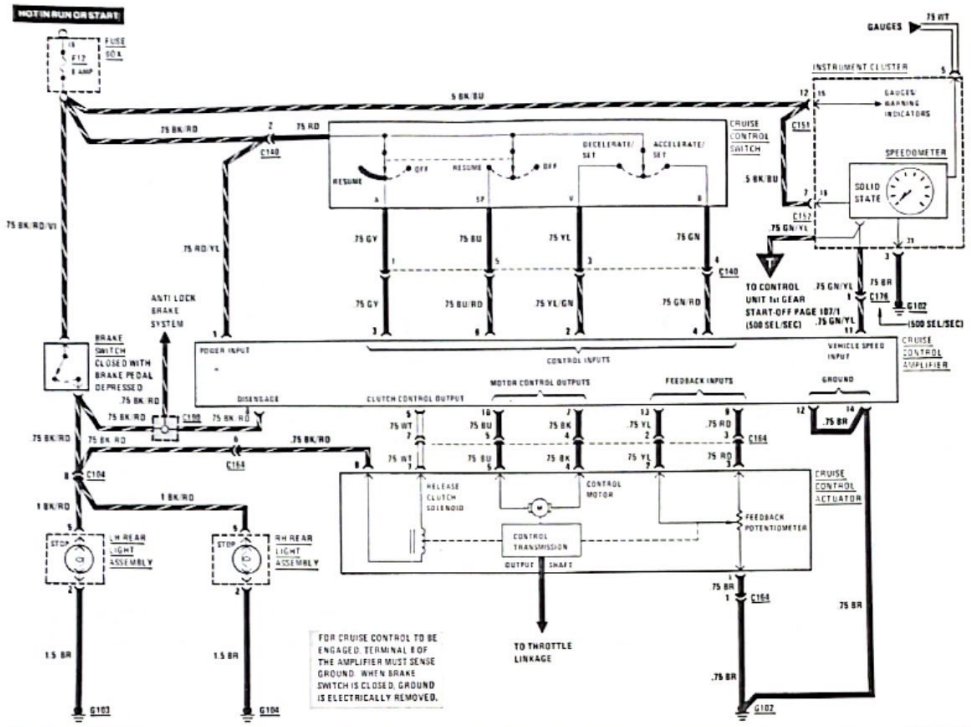


REVISIONS: ① AS OF MODEL YEAR 1984

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STOP LIGHTS/CRUISE CONTROL

(For Component Locations See Page 215)



126.032/.037/.044

REVISIONS:

4/86

1/87

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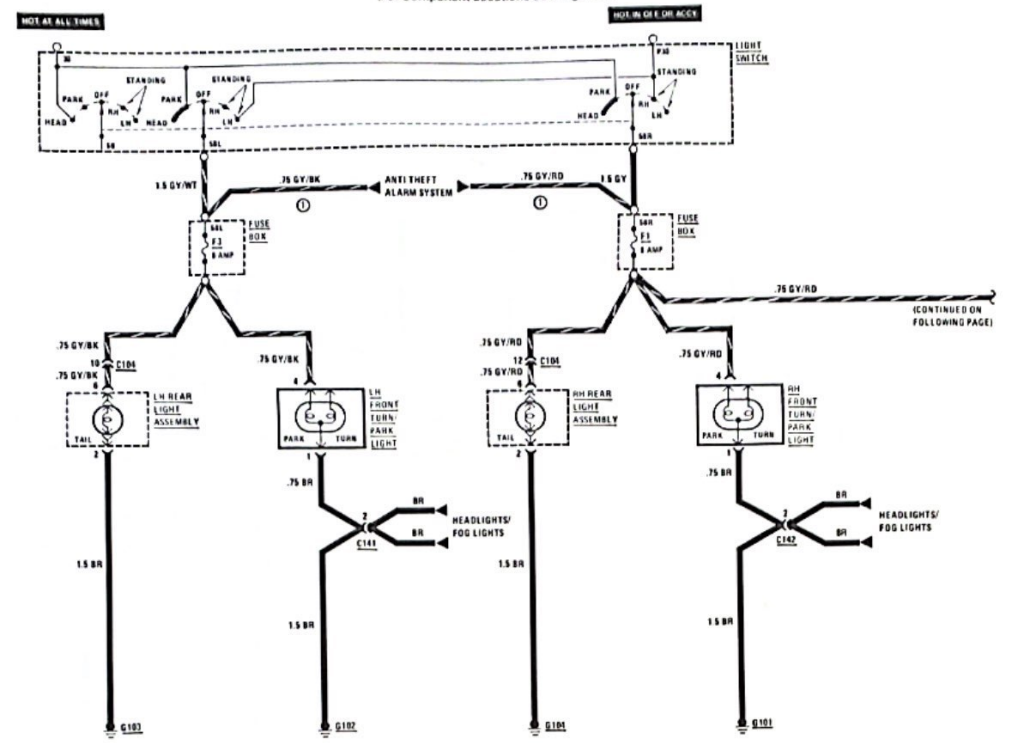
REVISIONS:

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LIGHTS: PARK/TAIL

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 210)



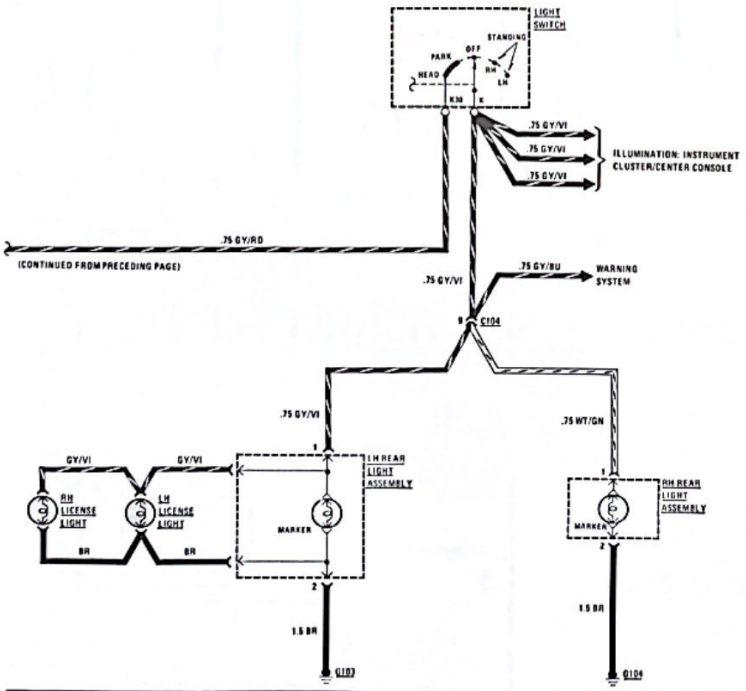
REVISIONS: ① AS OF MODEL YEAR 1985



LIGHTS: MARKER/LICENSE

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 210)



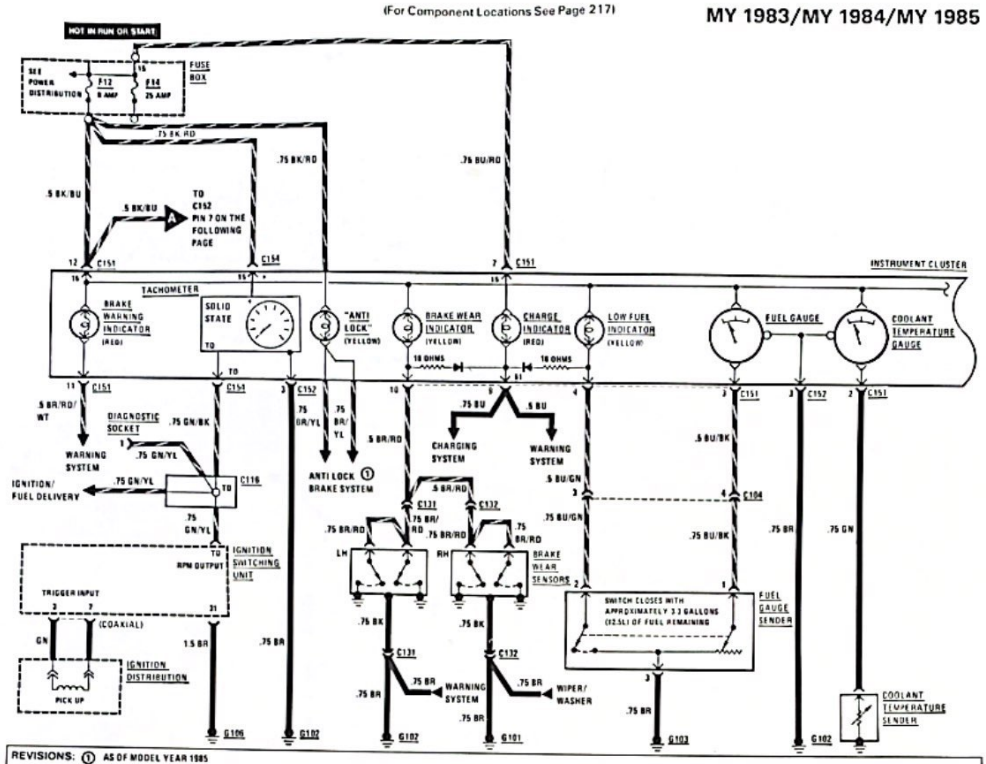
REVISIONS:

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WARNING INDICATORS/GAUGES/CLOCK

(For Component Locations See Page 217)

MY 1983/MY 1984/MY 1985



REVISIONS: ① AS OF MODEL YEAR 1985

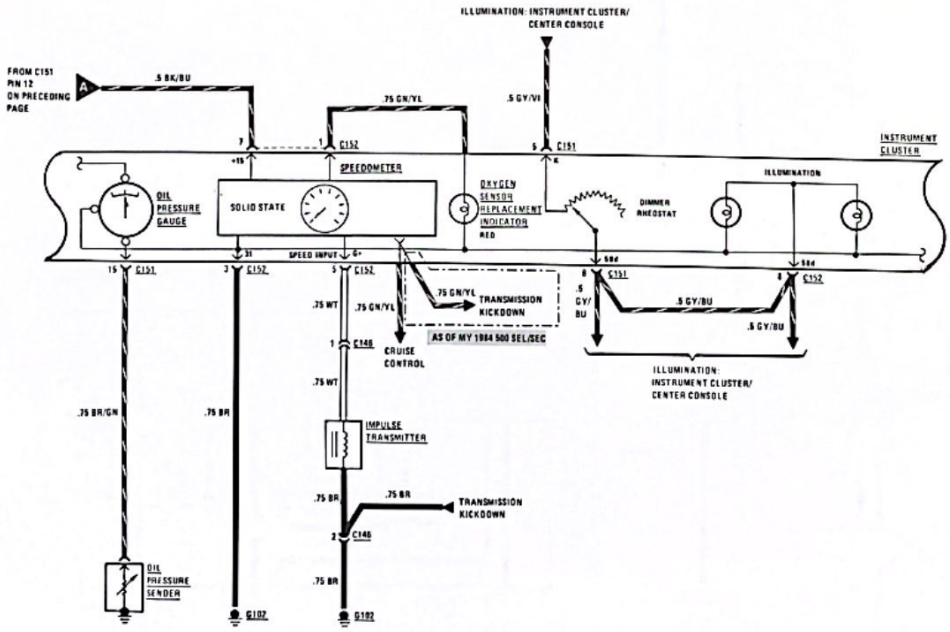
126.032/.033/.037/.043/.044

4/86

WARNING INDICATORS/GAUGES

(For Component Locations See Page 217)

MY 1983/MY 1984 / MY 1985



REVISIONS:

126.032/.033/.043/.037/.044

1/87

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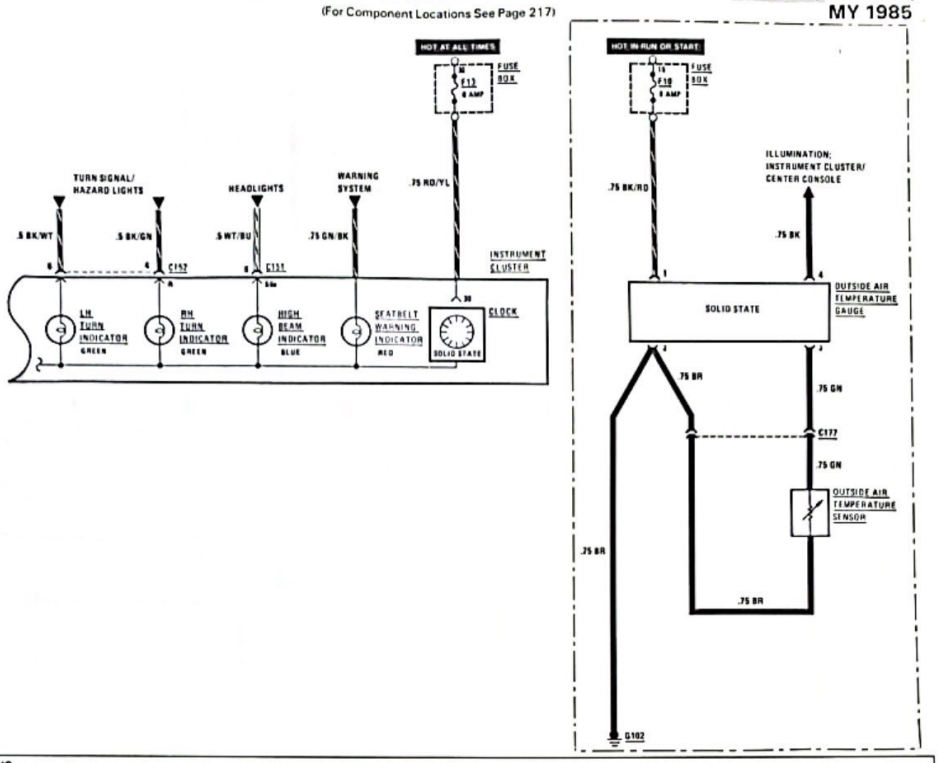
118

126.032/.033/.037/.043/.044

WARNING INDICATORS/GAUGES/CLOCK

MY 1983/MY 1984/ MY 1985

(For Component Locations See Page 217)



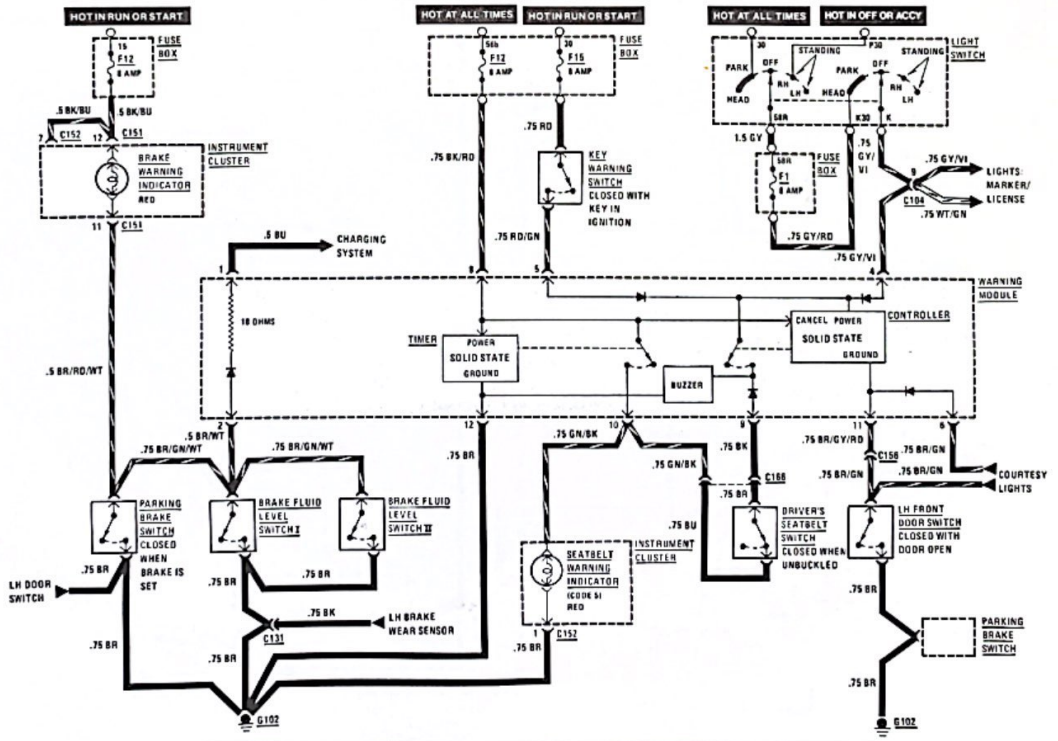
REVISIONS:

4/86

WARNING SYSTEM

MY 1983 380 SEL

(For Component Locations See Page 218)



REVISIONS:

1/87

126.033

118/1

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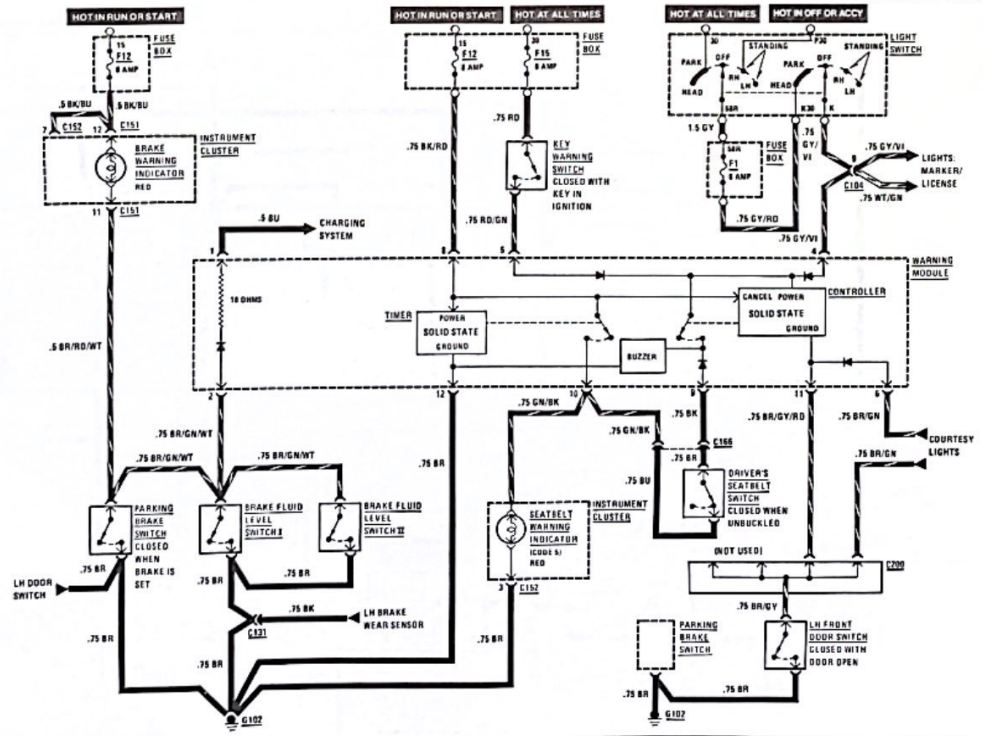
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REVISIONS:

WARNING SYSTEM

(For Component Locations See Page 218)

MY 1984/MY 1985
380/500 SEL



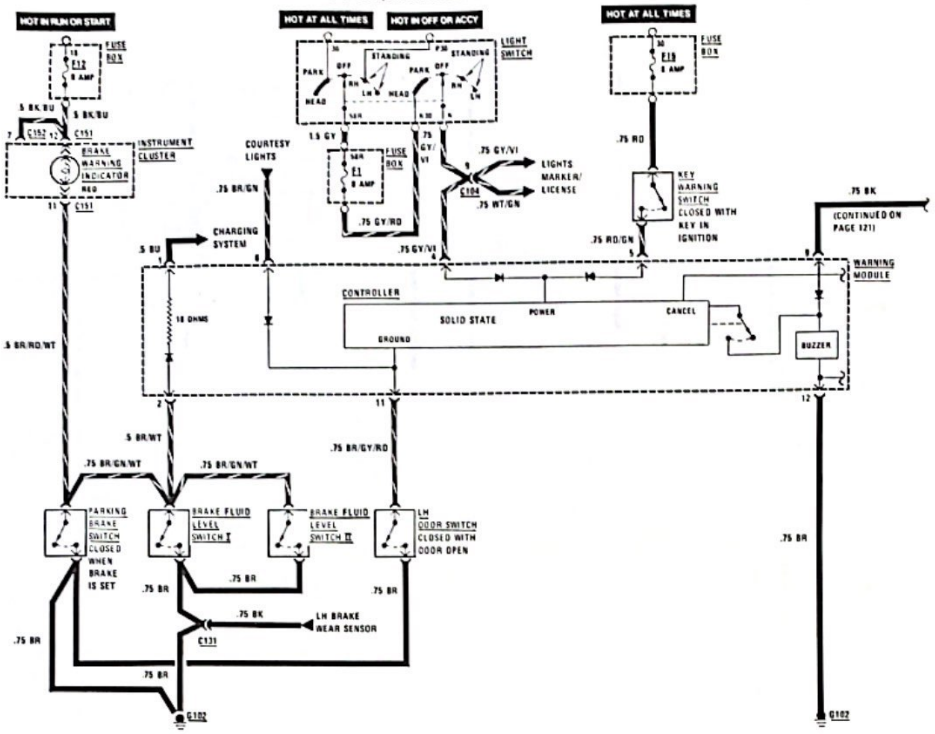
REVISIONS:

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WARNING SYSTEM

(For Component Locations See Page 218)

MY 1983/MY 1984/MY 1985
380/500 SEC

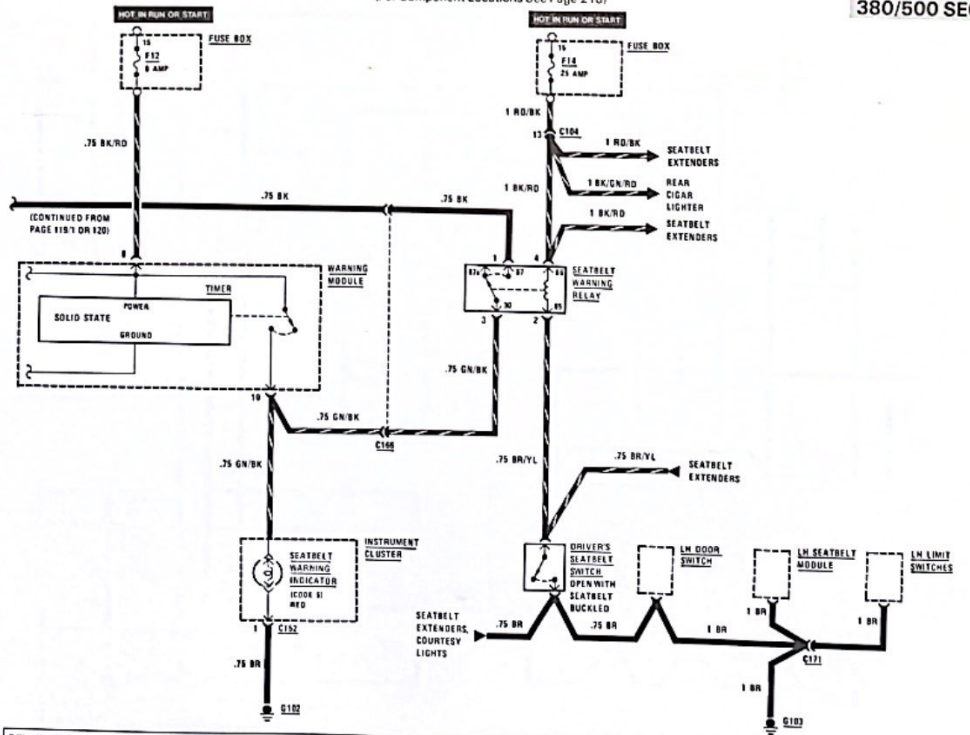


REVISIONS:

WARNING SYSTEM

(For Component Locations See Page 218)

MY 1983/MY 1984/MY 1985
380/500 SEC



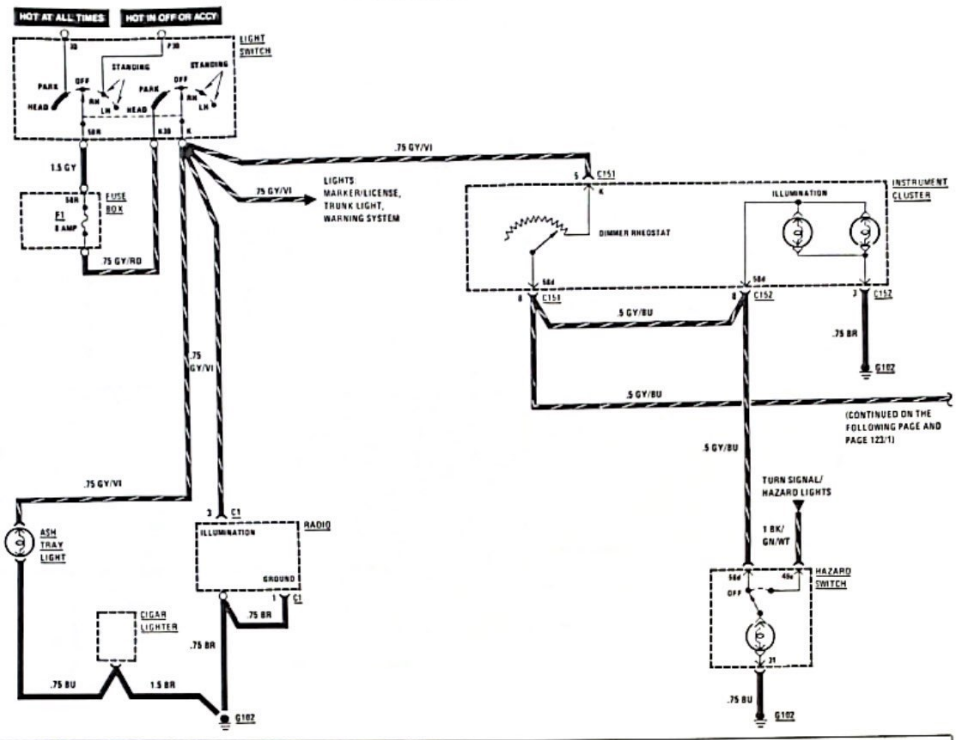
REVISIONS:

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ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE

MY 1983/
MY 1984/MY 1985

(For Component Locations See Page 210)

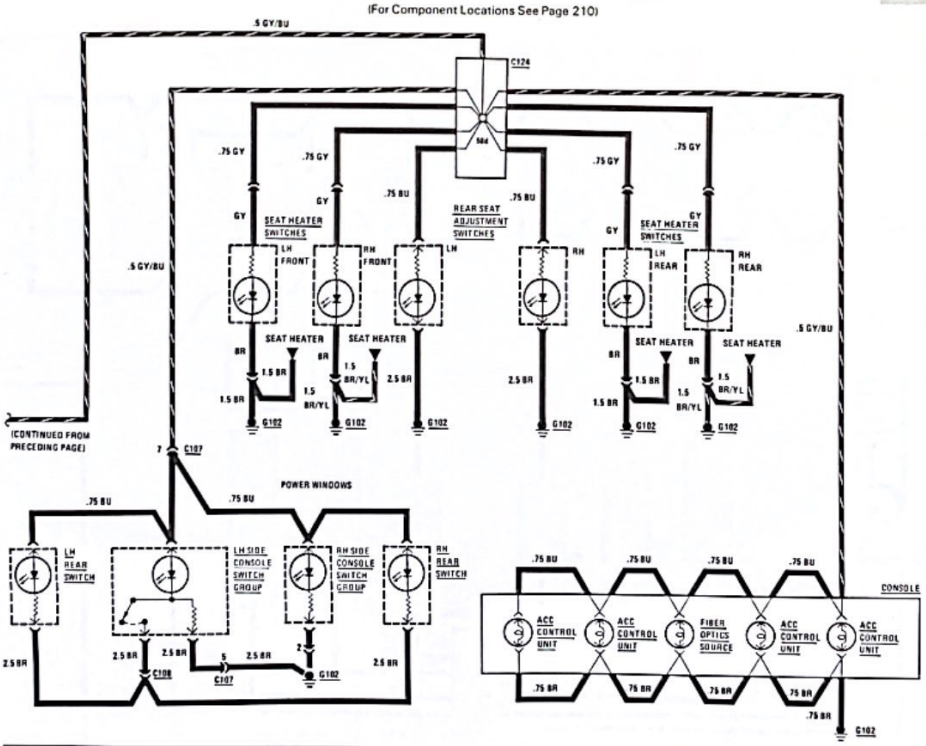


REVISIONS:

ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE

MY 1983

(For Component Locations See Page 210)



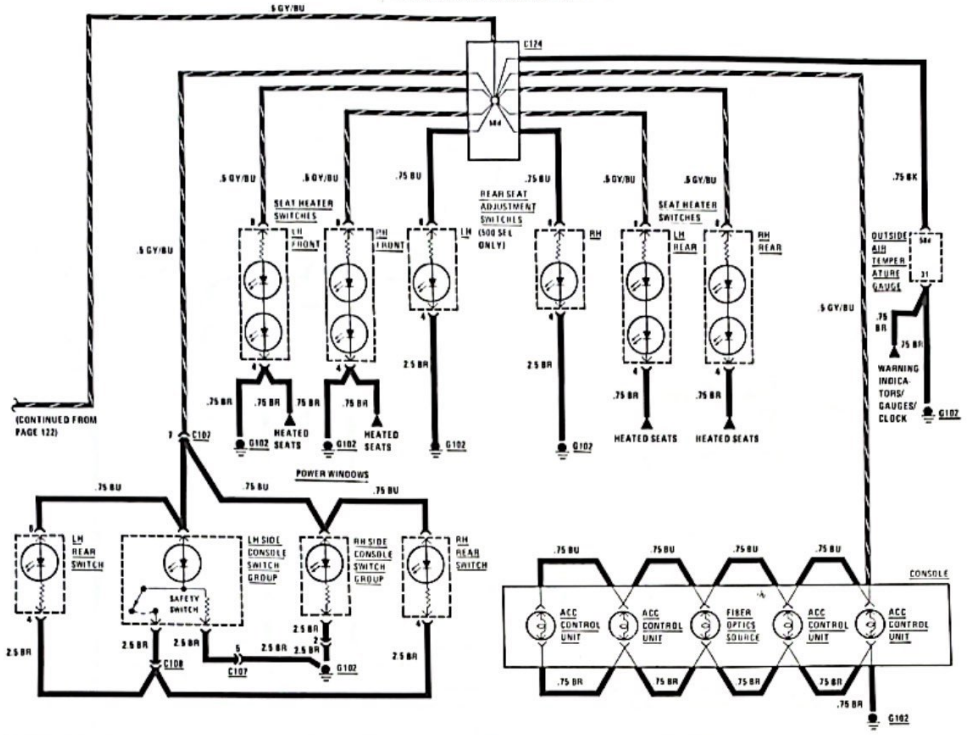
REVISIONS:

Scanned with CamScanner

ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE

MY 1984/1985

(For Component Locations See Page 210)



REVISIONS:

1/87

1/87

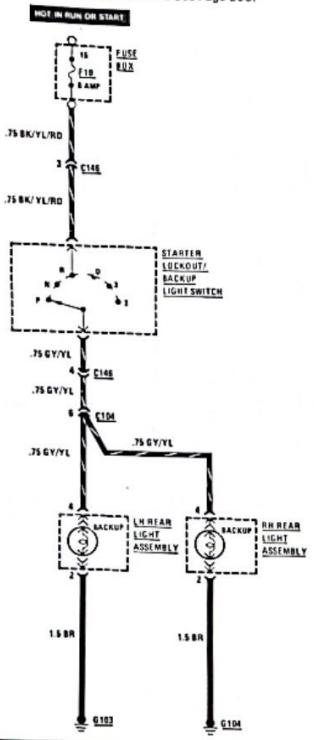
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REVISIONS:

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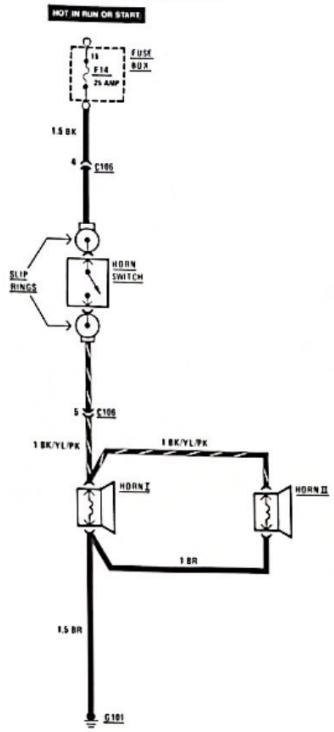
BACKUP LIGHTS

(For Component Locations See Page 203)



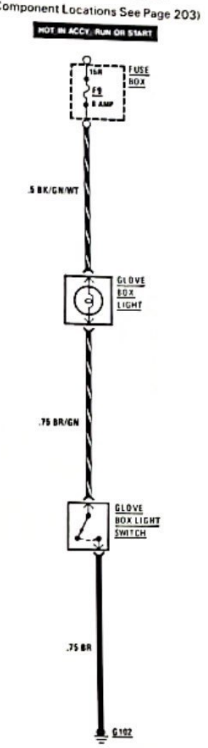
HORNS

(For Component Locations See Page 203)



MY 1983/MY 1984/MY 1985 GLOVE BOX LIGHT

(For Component Locations See Page 203)

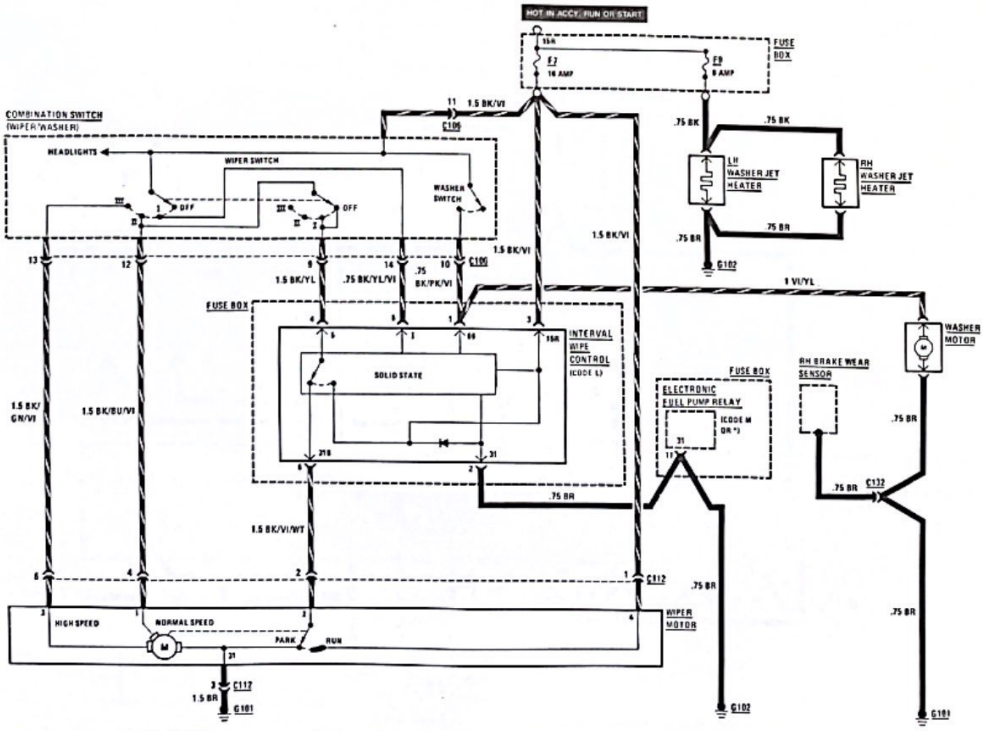


REVISIONS:

WIPER/WASHER

(For Component Locations See Page 219)

MY 1983/MY 1984/MY 1985



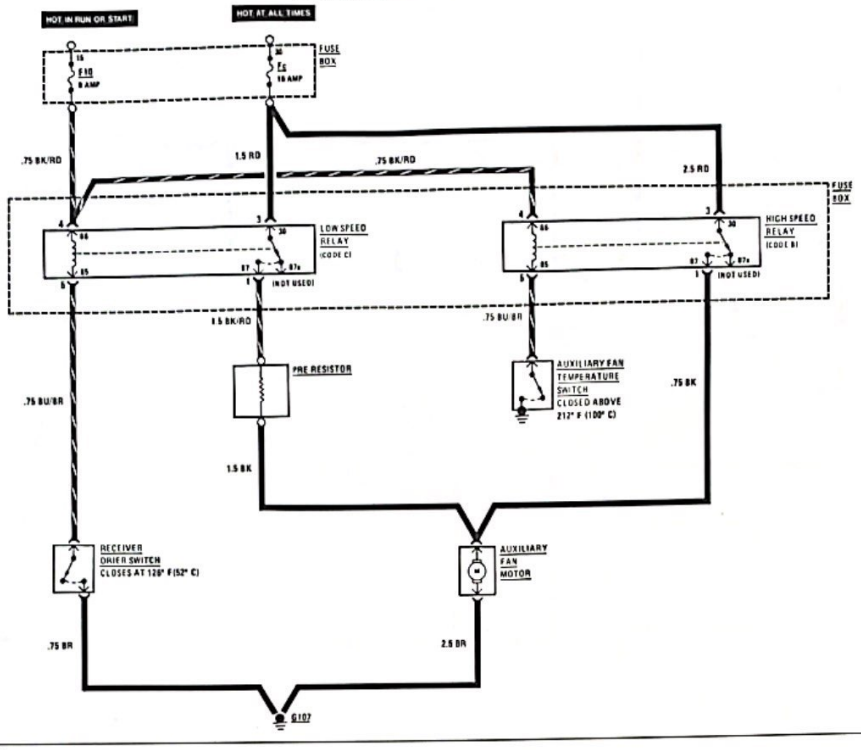
REVISIONS:

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AUXILIARY FAN

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 203)



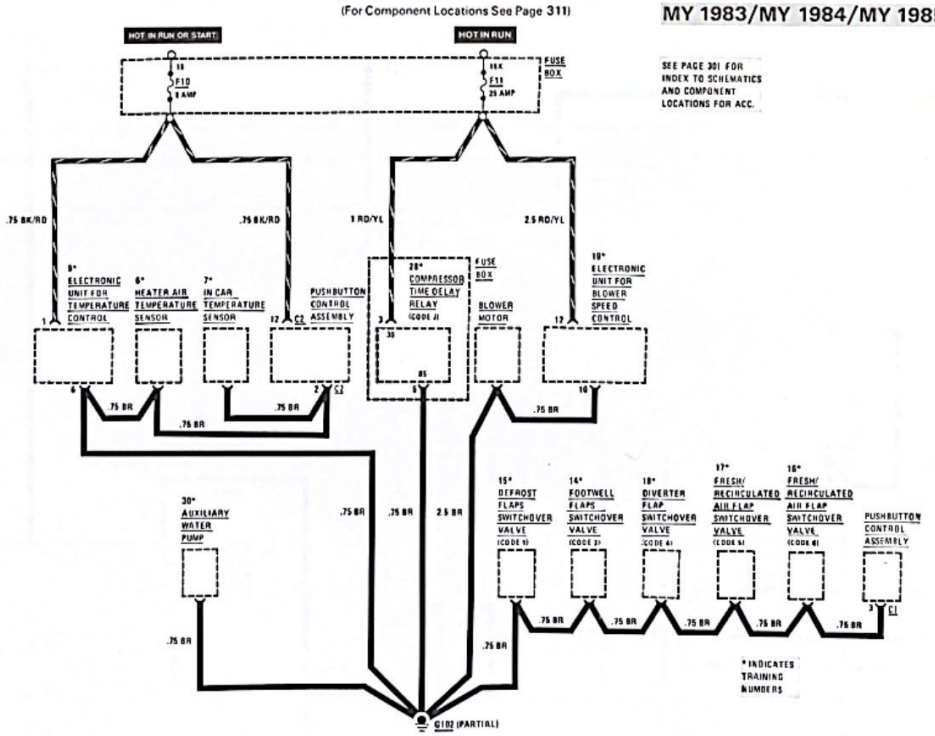
REVISIONS:

4/86

AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 311)



REVISIONS:

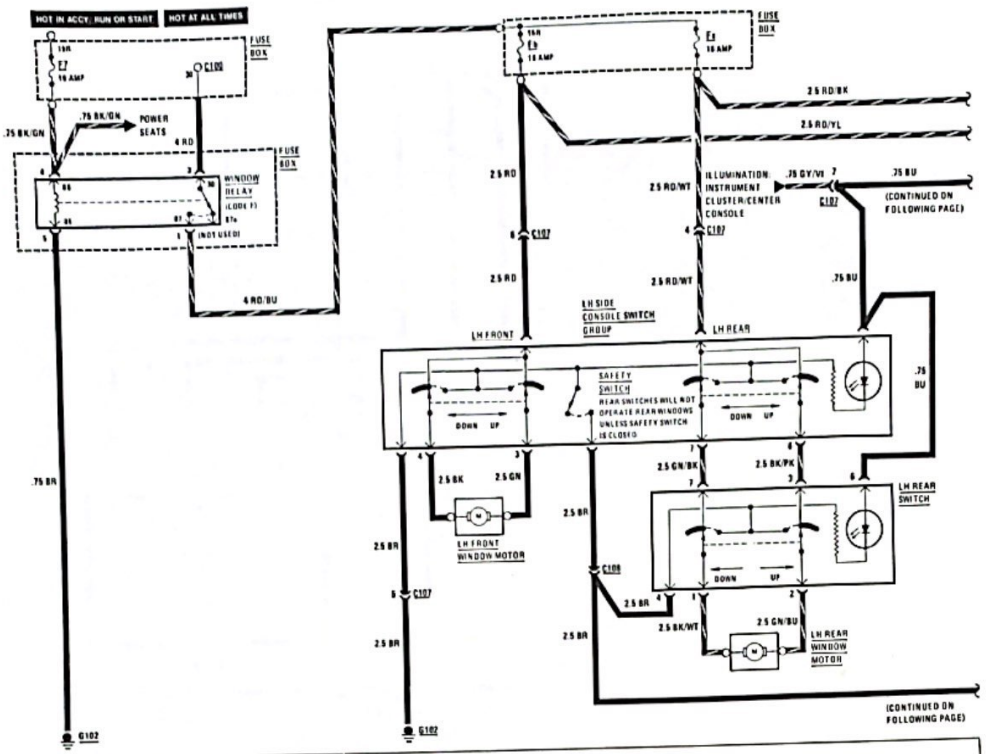
1/87

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POWER WINDOWS

(For Component Locations See Page 212)

MY 1983/MY 1984/MY 1985
380 SE, 380/500 SEL



REVISIONS:

126.032/.033/.037

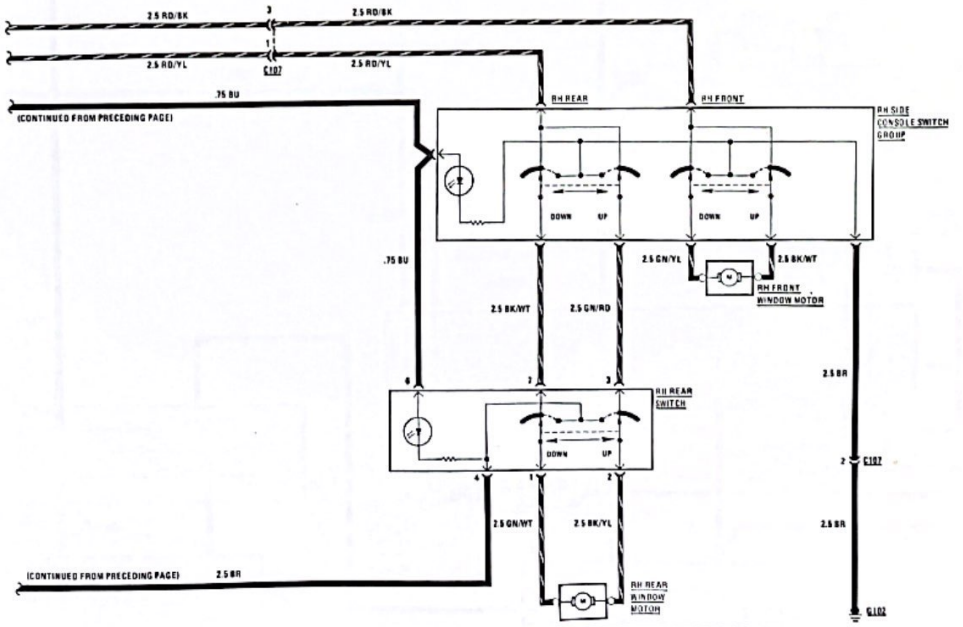
1/87

POWER WINDOWS

(For Component Locations See Page 212)

MY 1983/MY 1984/MY 1985
380 SE, 380/500 SEL

4/86



126.032/.033/.037

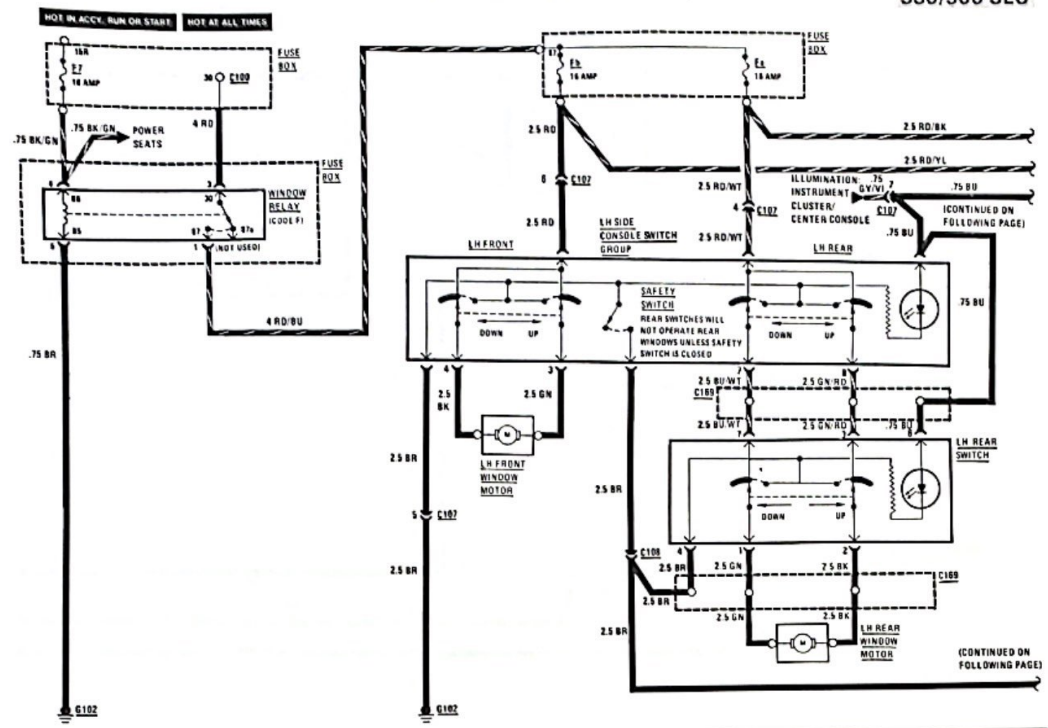
REVISIONS:

Scanned with CamScanner

POWER WINDOWS

(For Component Locations See Page 212)

MY 1983/MY 1984/MY 1985
380/500 SEC



REVISIONS:

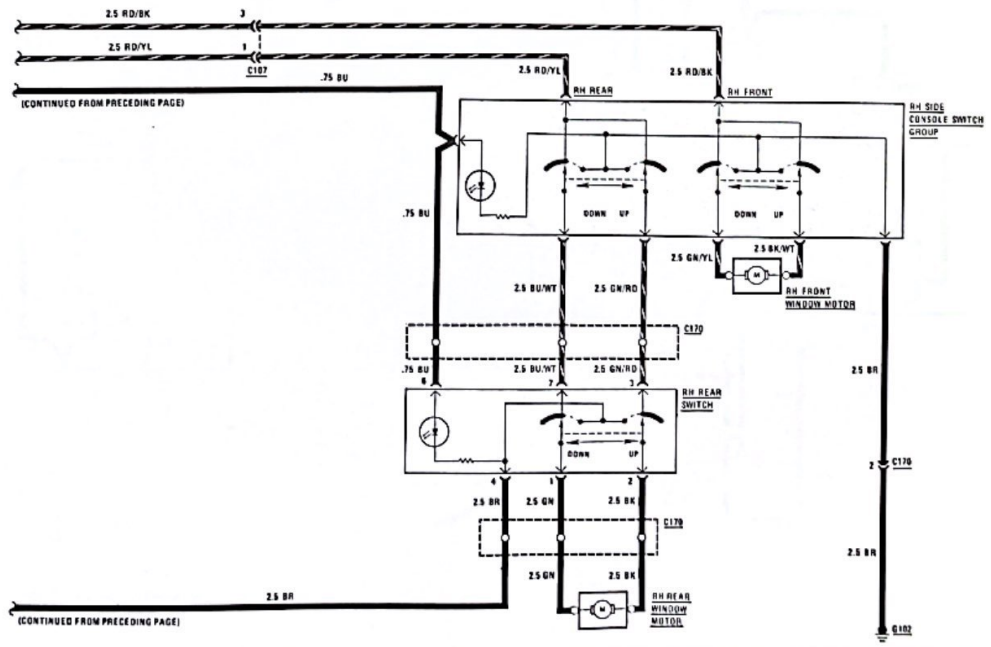
4/86

4/86

POWER WINDOWS

(For Component Locations See Page 212)

MY 1983/MY 1984/MY 1985
380/500 SEC



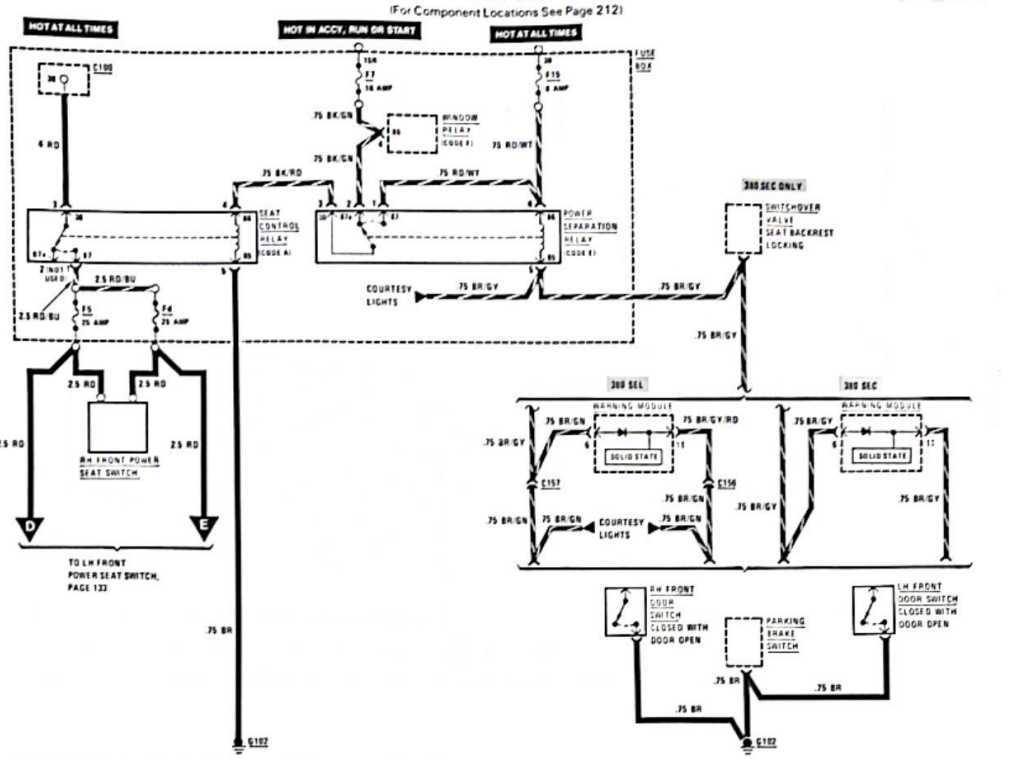
REVISIONS:

Scanned with CamScanner

POWER SEATS

(For Component Locations See Page 212)

MY 1983



126.033/.043

REVISIONS:

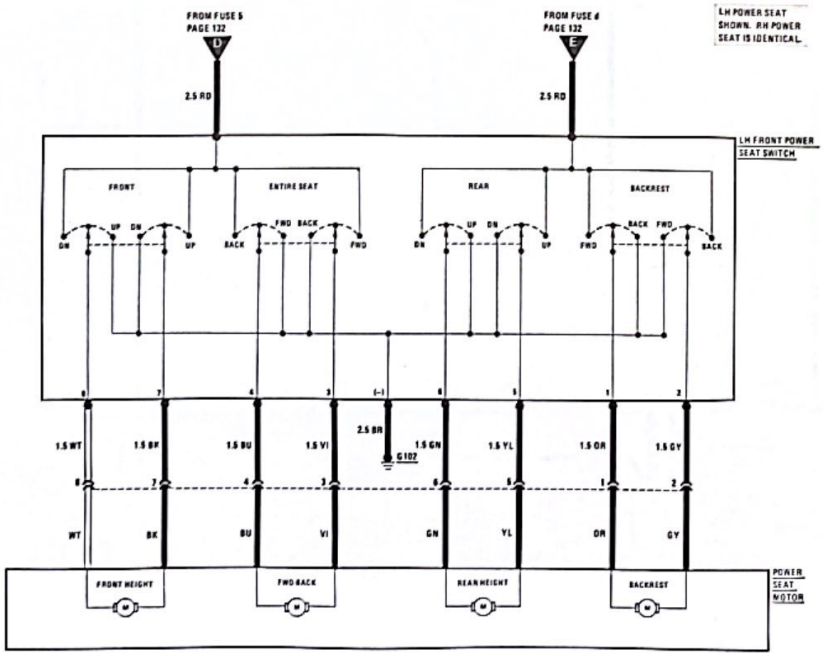
4/86

4/86

POWER SEATS

(For Component Locations See Page 212)

MY 1983



126.033/.043

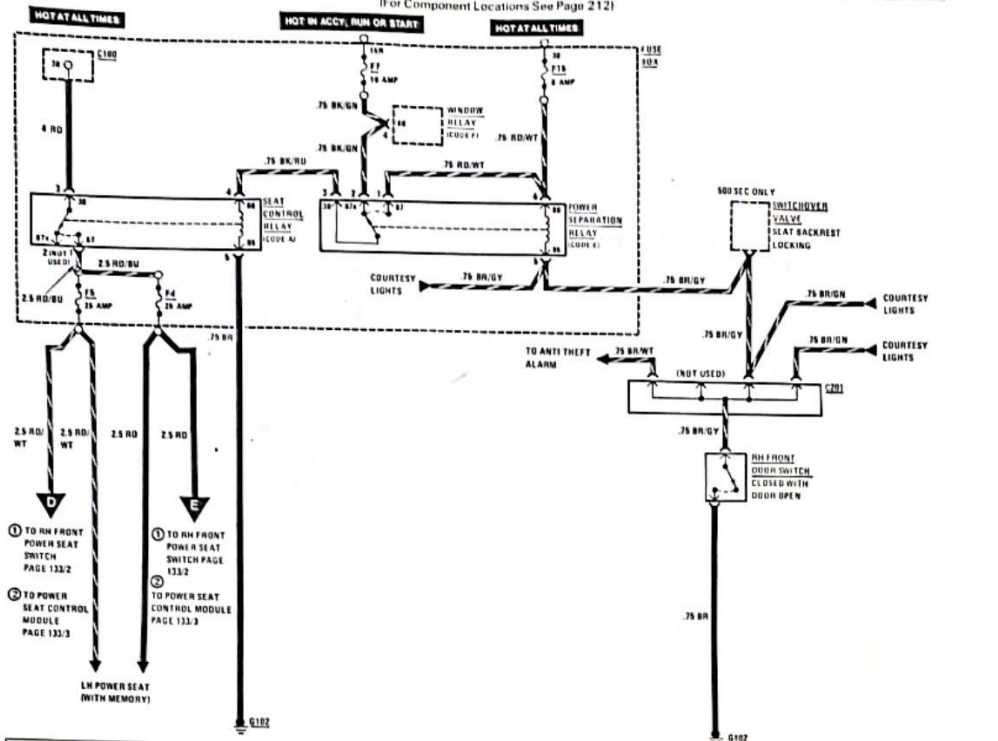
REVISIONS:

Scanned with CamScanner

RH POWER SEAT

(For Component Locations See Page 212)

MY 1984 / MY 1985

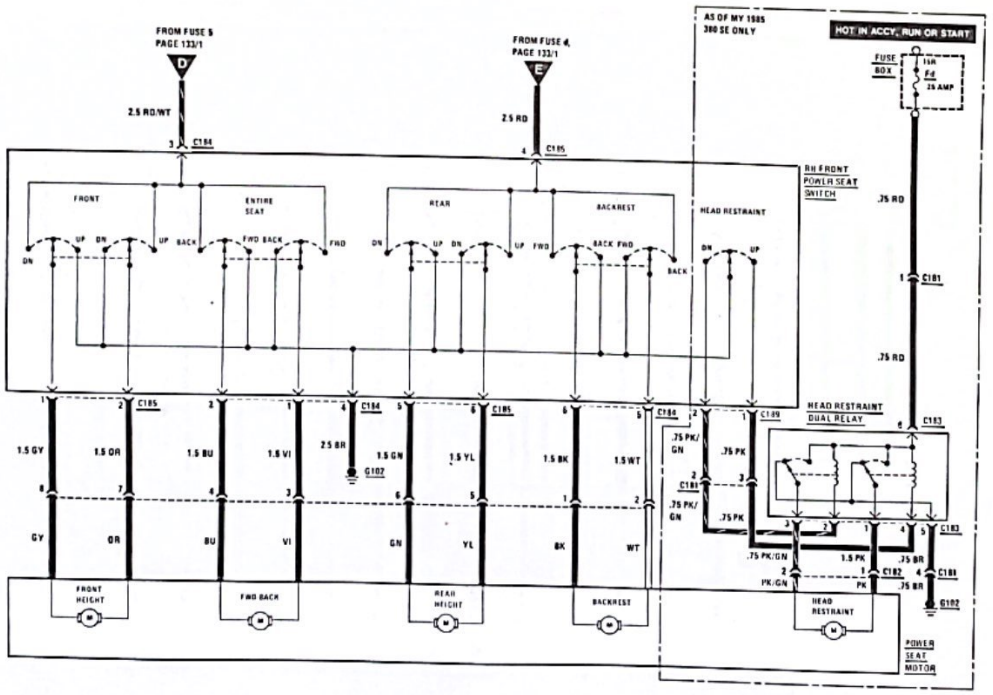


REVISIONS: ① AS OF MODEL YEAR 1984
② AS OF MODEL YEAR 1985

RH POWER SEAT

(For Component Locations See Page 212)

MY 1984/MY 1985



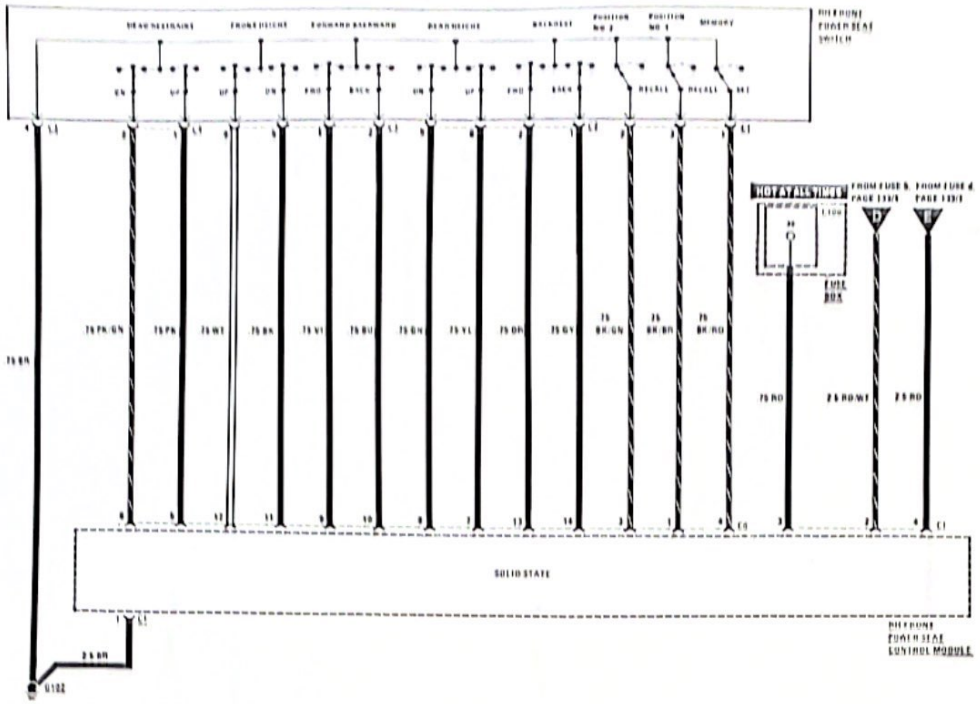
REVISIONS:

Scanned with CamScanner

RH POWER SEAT (WITH MEMORY)

(For Component Locations See Page 212)

MY 1985

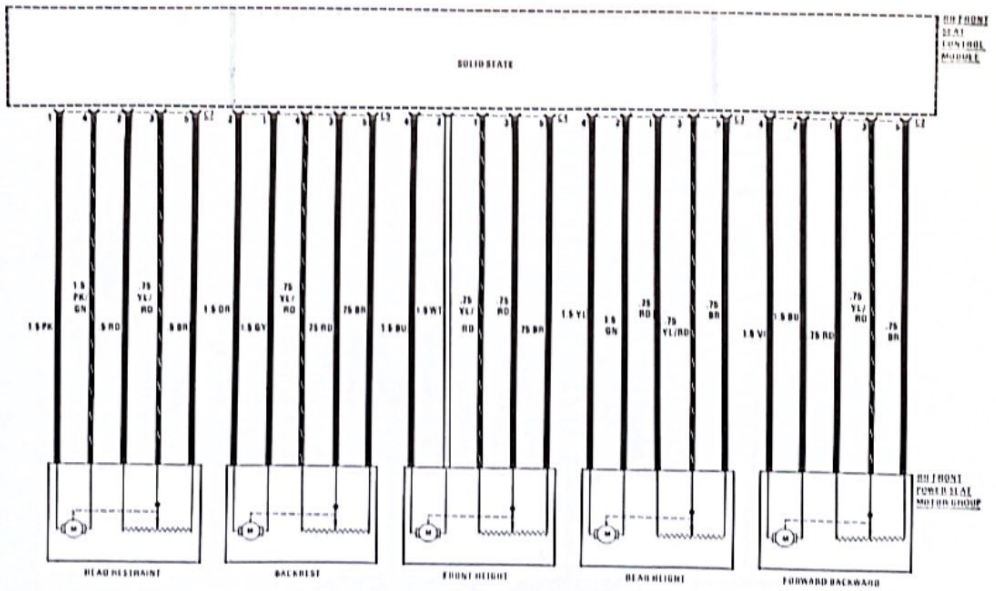


REVISIONS:

RH POWER SEAT (WITH MEMORY)

(For Component Locations See Page 212)

MY 1985



126.032/.037/.044

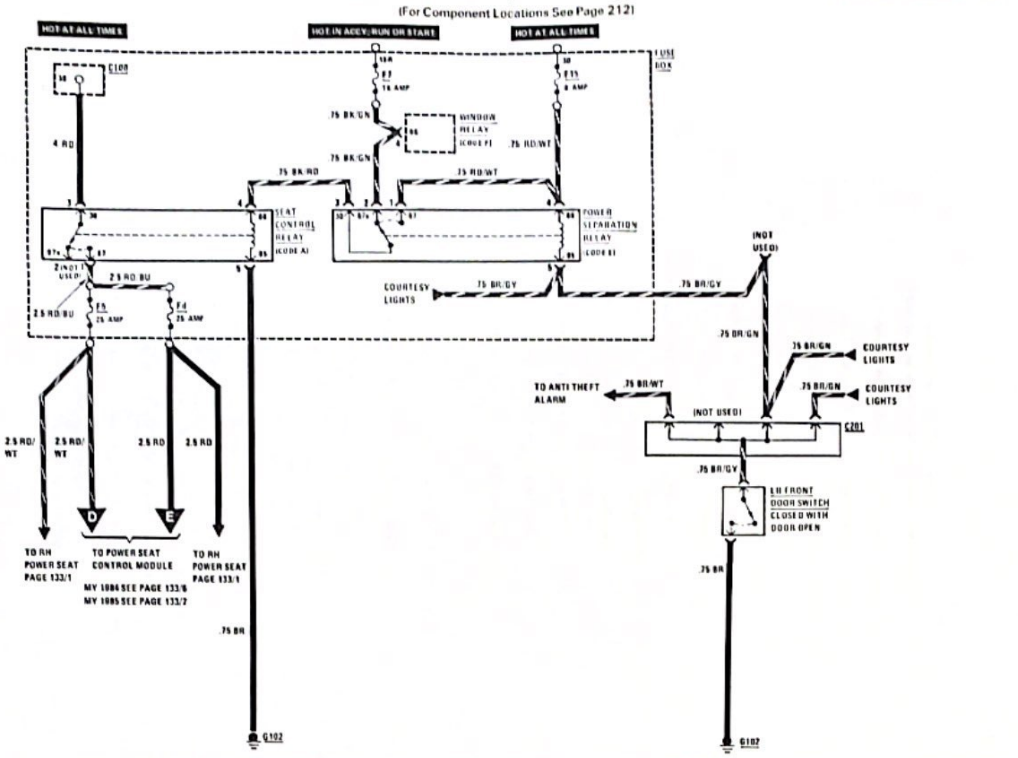
REVISIONS:

Scanned with CamScanner

LH POWER SEAT (WITH MEMORY)

MY 1984/MY 1985

(For Component Locations See Page 212)

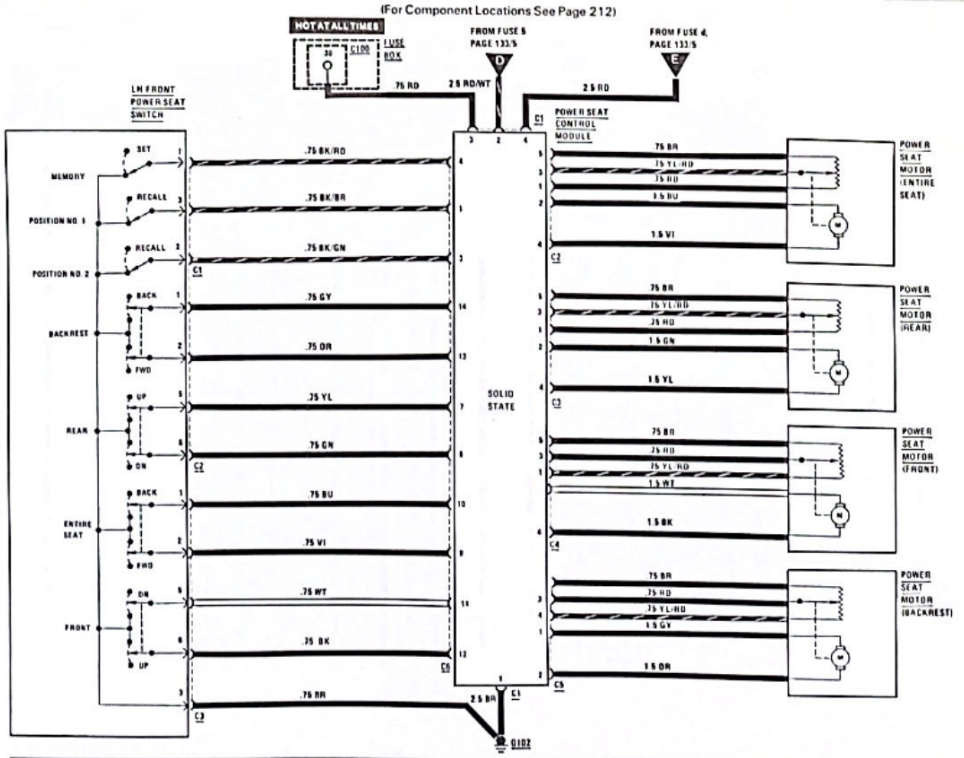


REVISIONS:

LH POWER SEAT (WITH MEMORY)

MY 1984

(For Component Locations See Page 212)



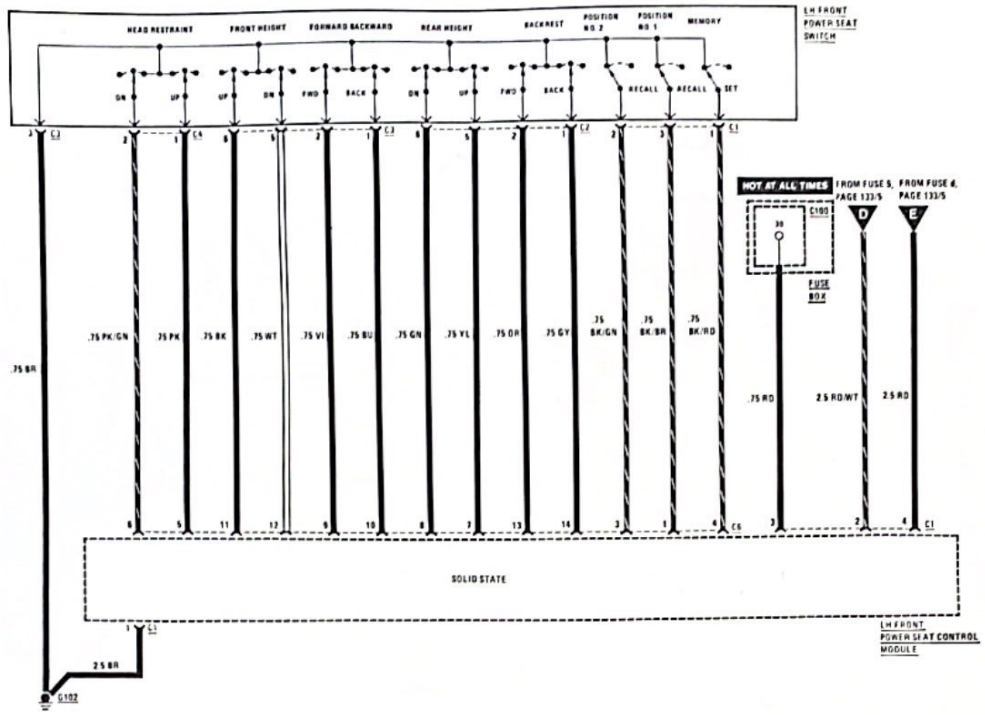
REVISIONS:

Scanned with CamScanner

LH POWER SEAT (WITH MEMORY)

MY 1985

(For Component Locations See Page 212)



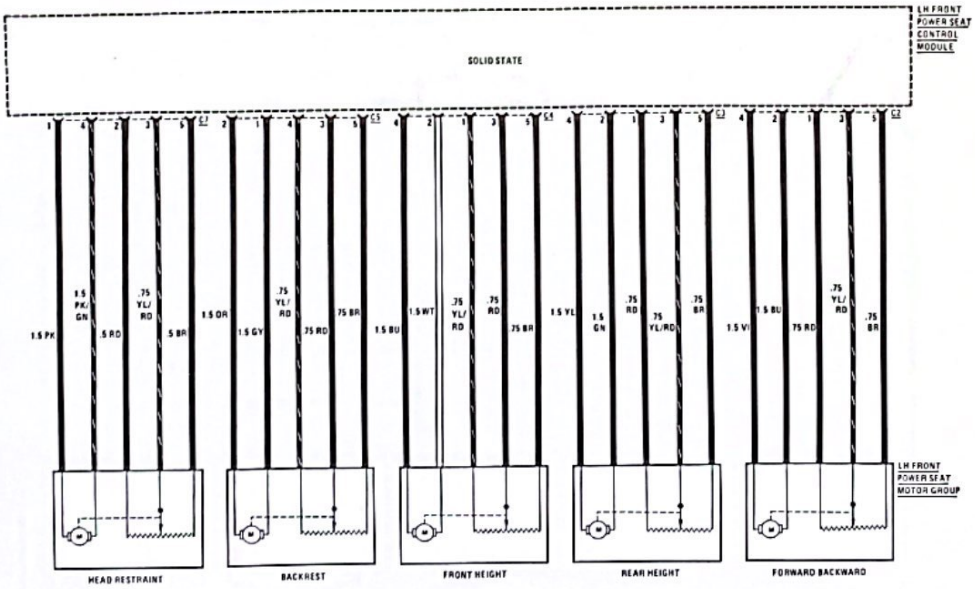
REVISIONS:

486

LH POWER SEAT (WITH MEMORY)

MY 1985

(For Component Locations See Page 212)



REVISIONS:

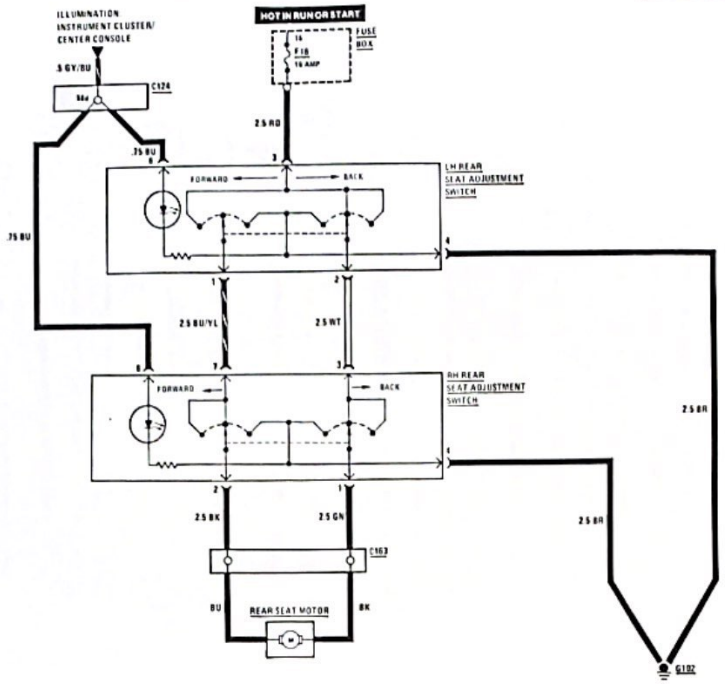
Scanned with CamScanner

REAR SEAT ADJUSTMENT

(For Component Locations See Page 213)

MY 1983/MY 1984/MY 1985

380/500 SEL



126.033/.037

REVISIONS:

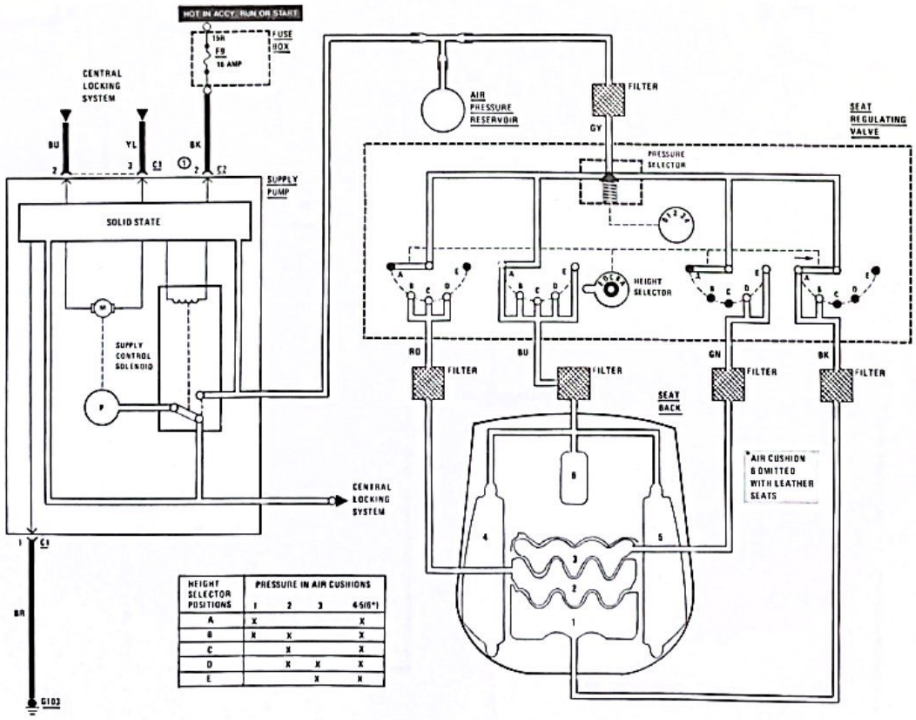
1/87

ORTHOPEDIC SEATS

(For Component Locations See Page 211)

MY 1984 / MY 1985

1/87



HEIGHT SELECTOR POSITIONS	PRESSURE IN AIR CUSHIONS			
	1	2	3	4 & 6 (*)
A	X			X
B	X	X		X
C		X		X
D		X	X	X
E			X	X

126.032/.037/.044

REVISIONS: ① AS OF MODEL YEAR 1985

134/1

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REVISIONS:

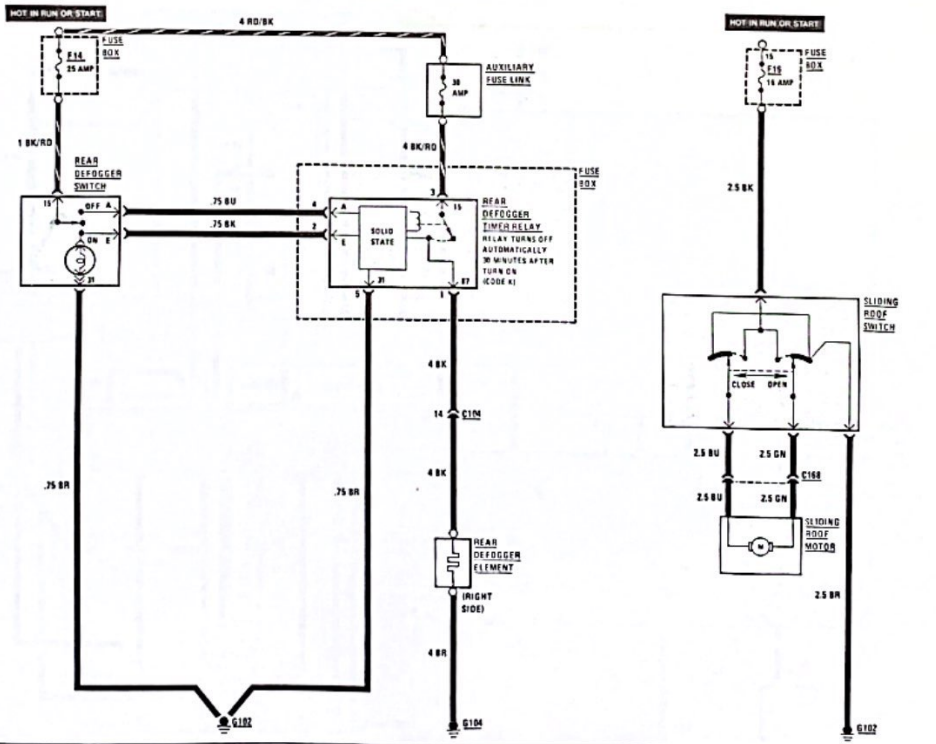
1/87

4/86

REAR DEFOGGER/SLIDING ROOF

MY 1983/MY 1984/MY 1985

(For Component Locations See Page 213)



126.032/.033/.037/.043/.044

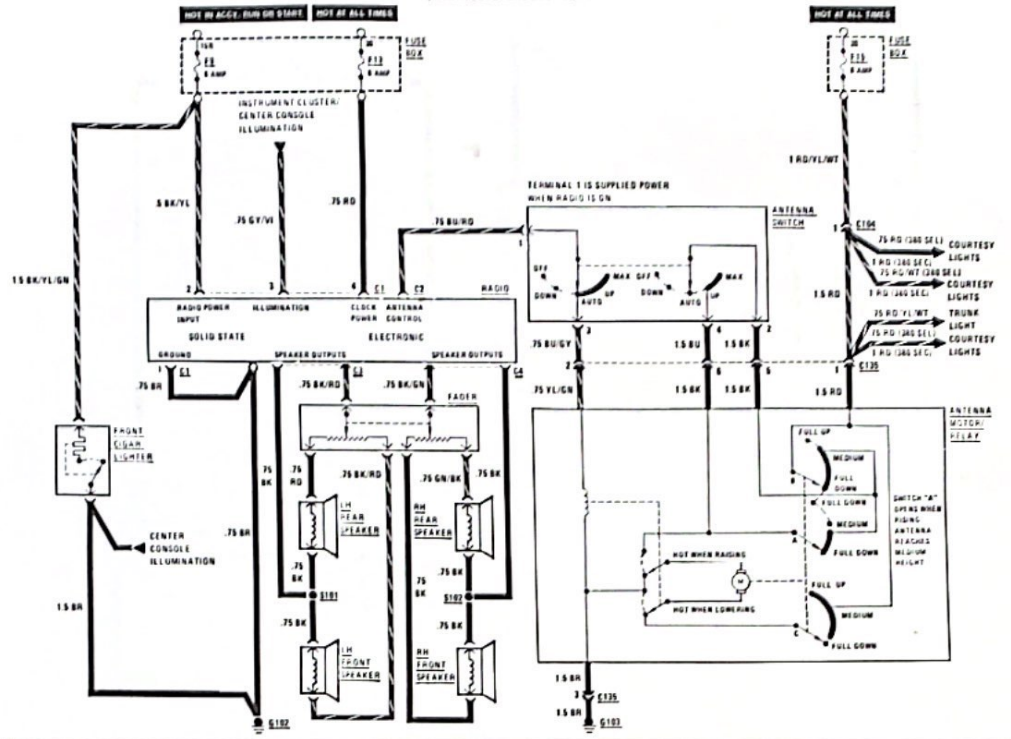
REVISIONS:

Scanned with CamScanner

136

FRONT CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA — MY 1983

(For Component Locations See Page 207)



REVISIONS:

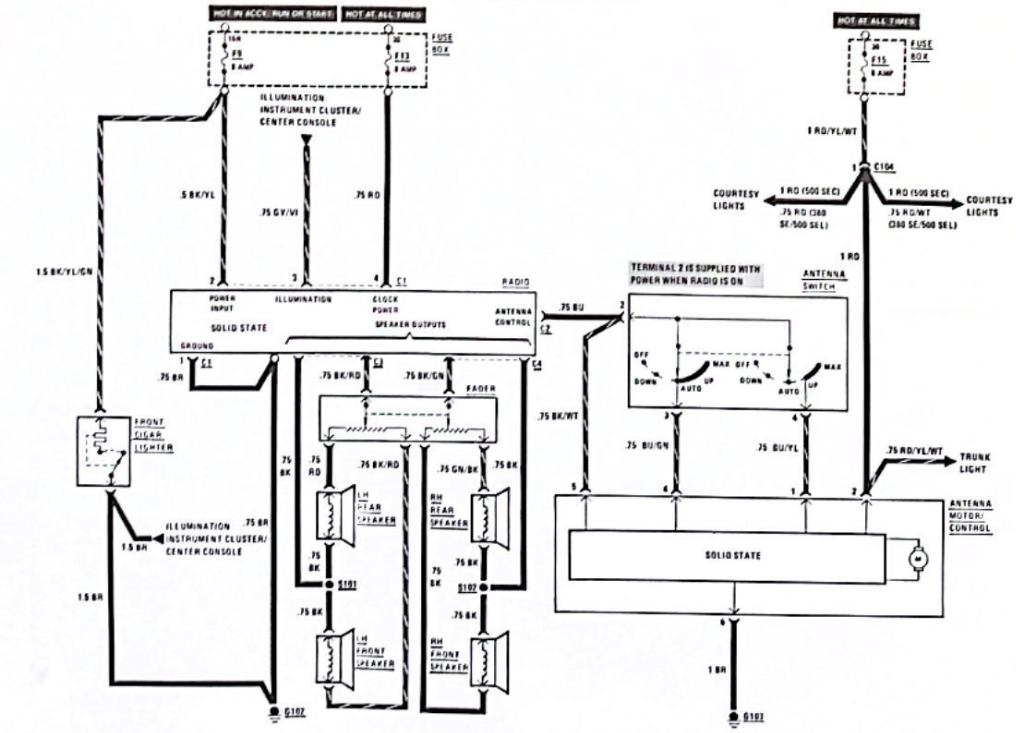
4.86

126.033/.043

137

FRONT CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA — MY 1984 / MY 1985

(For Component Locations See Page 207)



REVISIONS:

126.032/.037/.044

136/1

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REVISIONS:

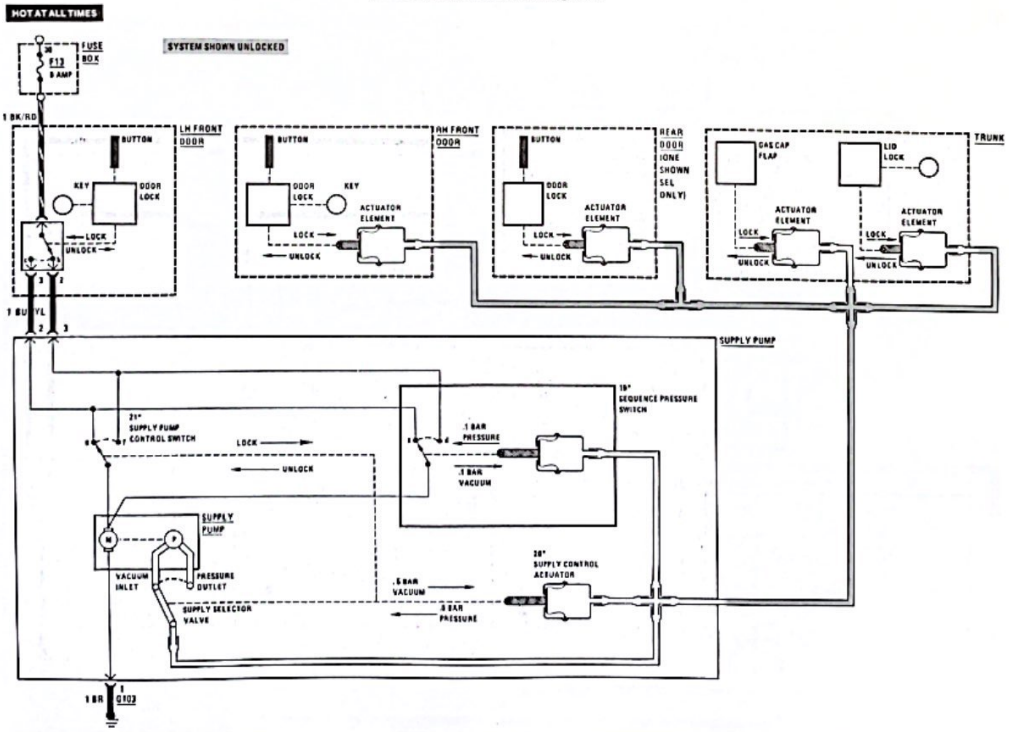
1/87

4/86

CENTRAL LOCKING SYSTEM

(For Component Locations See Page 204)

MY 1983



126.033/.043

REVISIONS:

137

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137/1

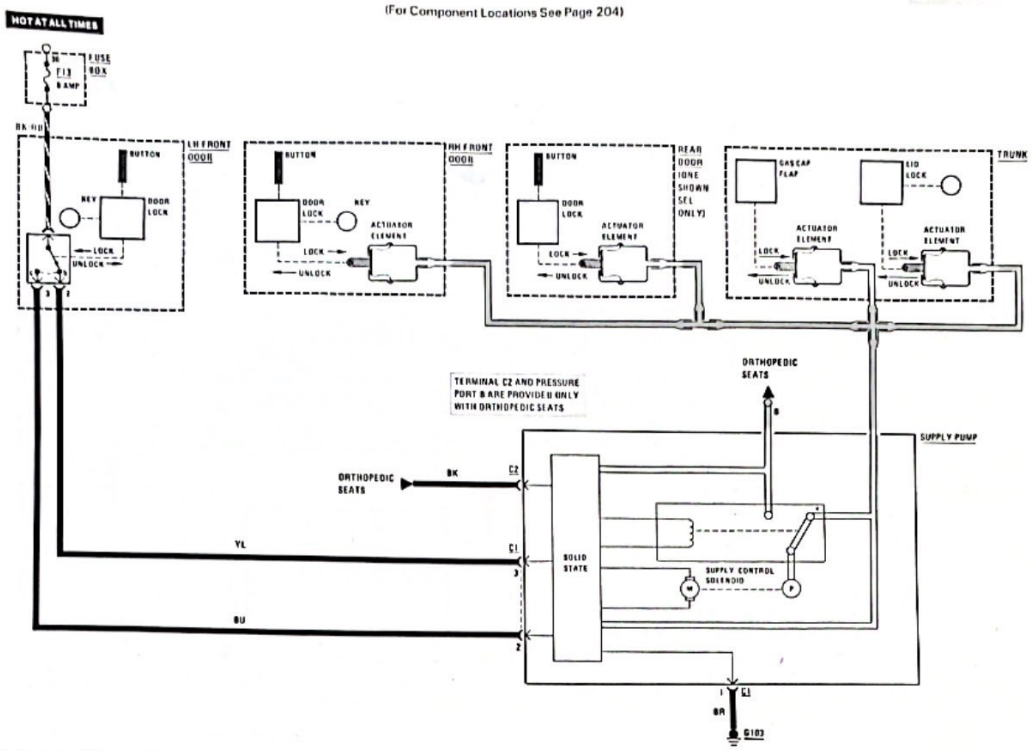
126.032/.037/.044

4/86

CENTRAL LOCKING SYSTEM

(For Component Locations See Page 204)

MY 1984



REVISIONS:

4/86

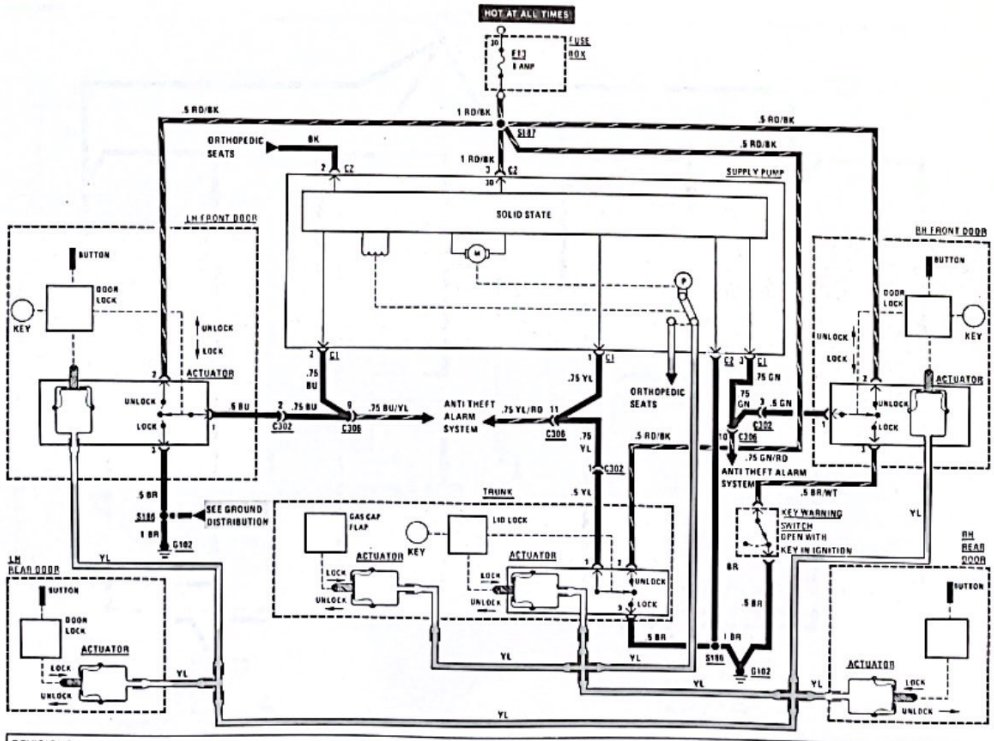
137/2

126.032/.037/.044

CENTRAL LOCKING SYSTEM

(For Component Locations See Page 204)

MY 1985



REVISIONS:

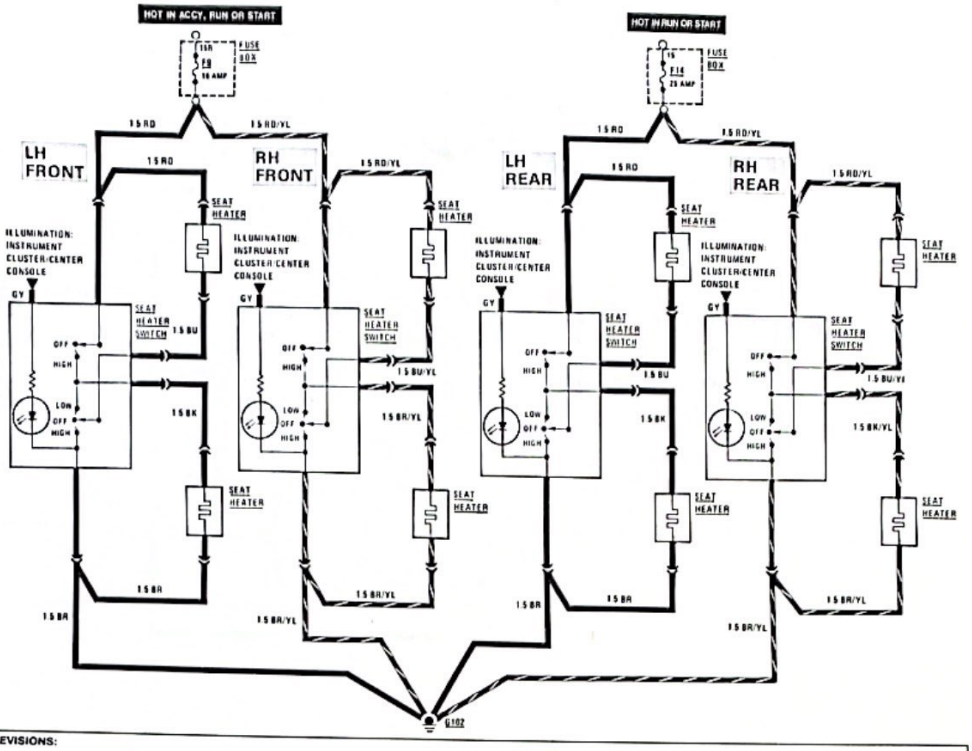
Scanned with CamScanner

138

HEATED SEATS

(For Component Locations See Page 208)

MY 1983



126.033/.043

REVISIONS:

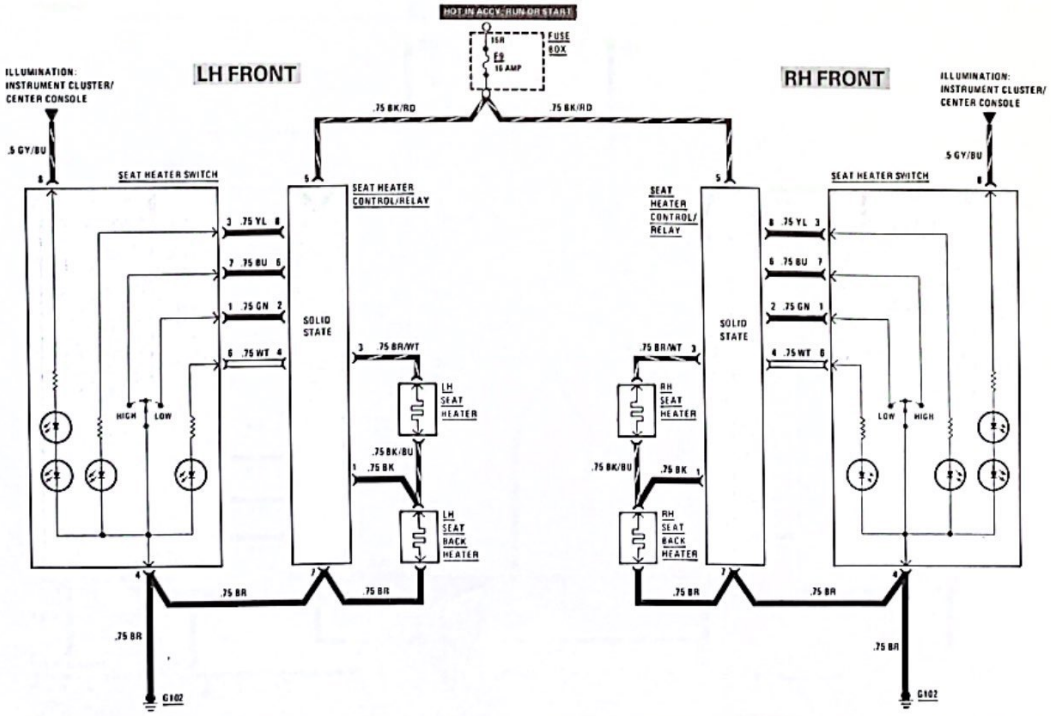
4/86

4/86

HEATED SEATS

(For Component Locations See Page 208)

MY 1984/MY 1985



126.032/.037/.044

REVISIONS:

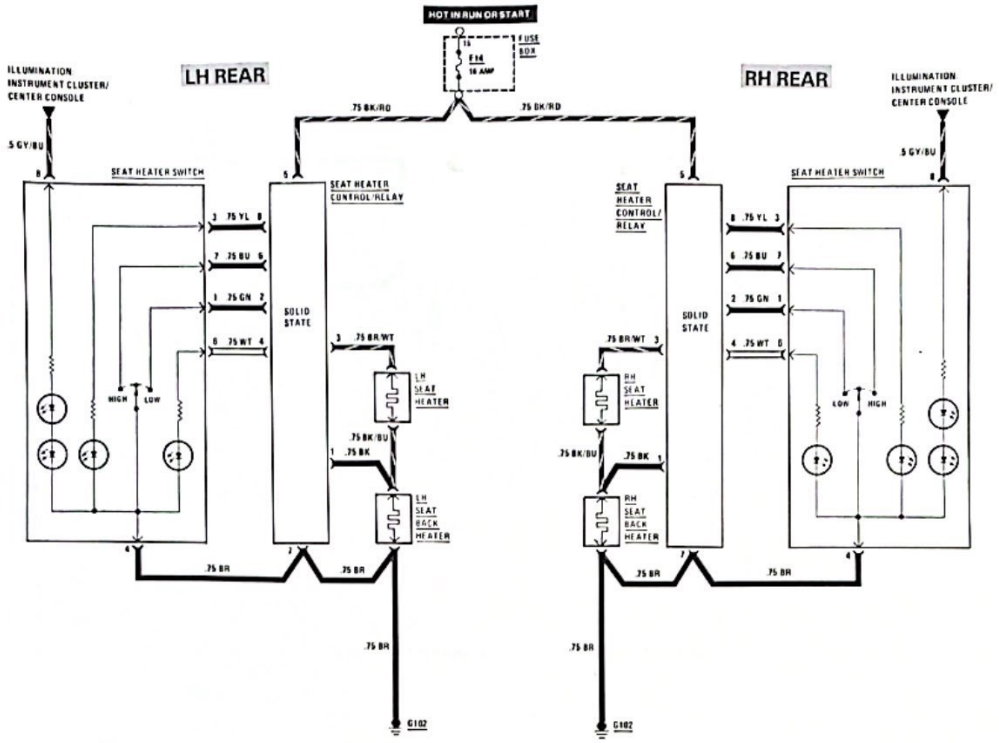
138/1

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HEATED SEATS

(For Component Locations See Page 208)

MY 1984/MY 1985

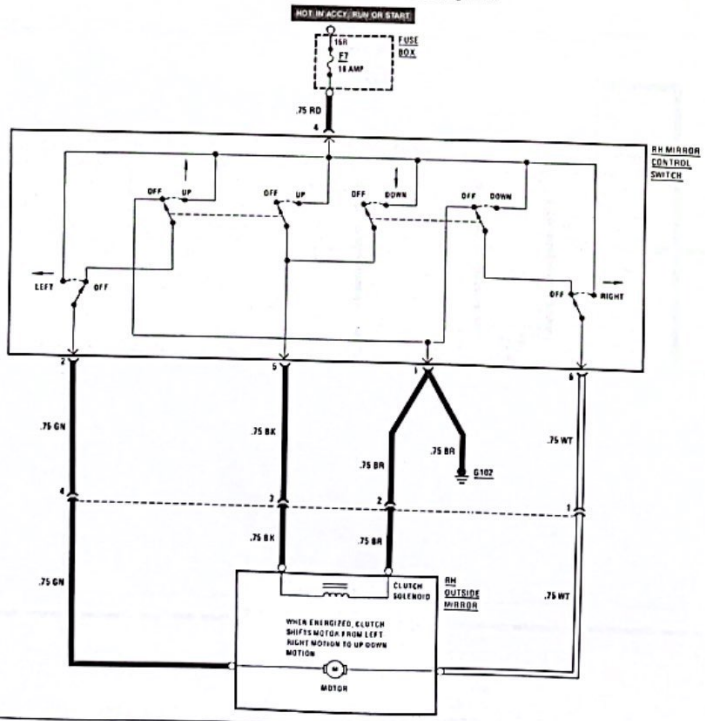


REVISIONS:

RH OUTSIDE MIRROR

(For Component Locations See Page 213)

MY 1985/MY 1984

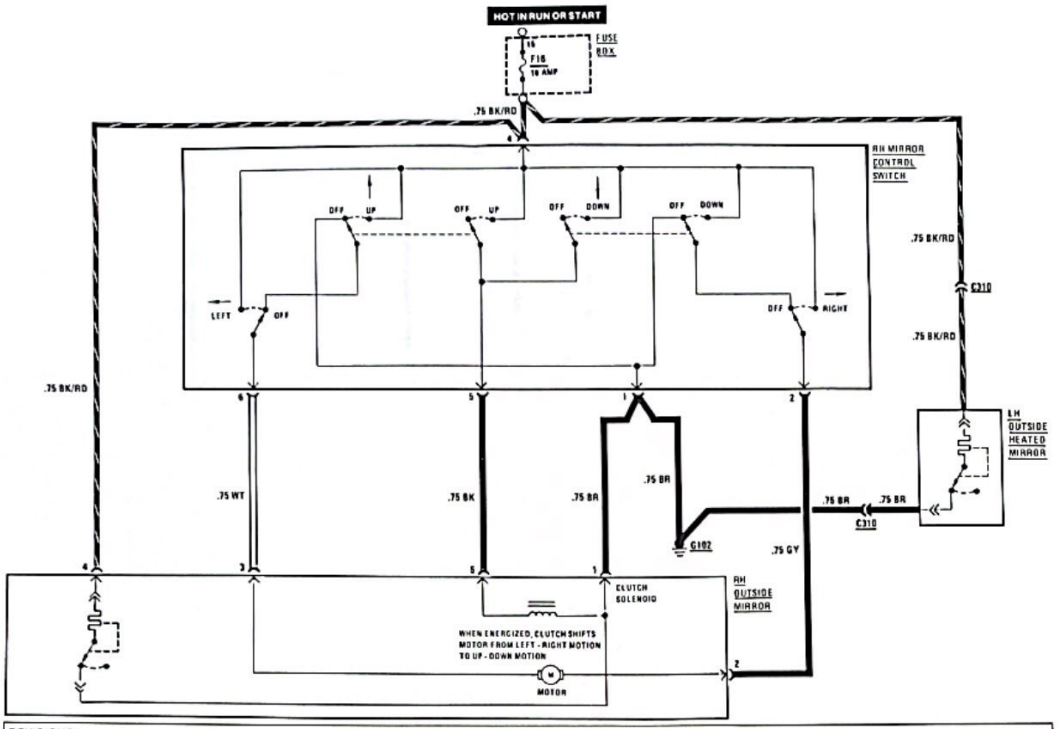


REVISIONS:

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OUTSIDE HEATED MIRRORS

(For Component Locations See Page 211)



REVISIONS:

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REVISIONS:

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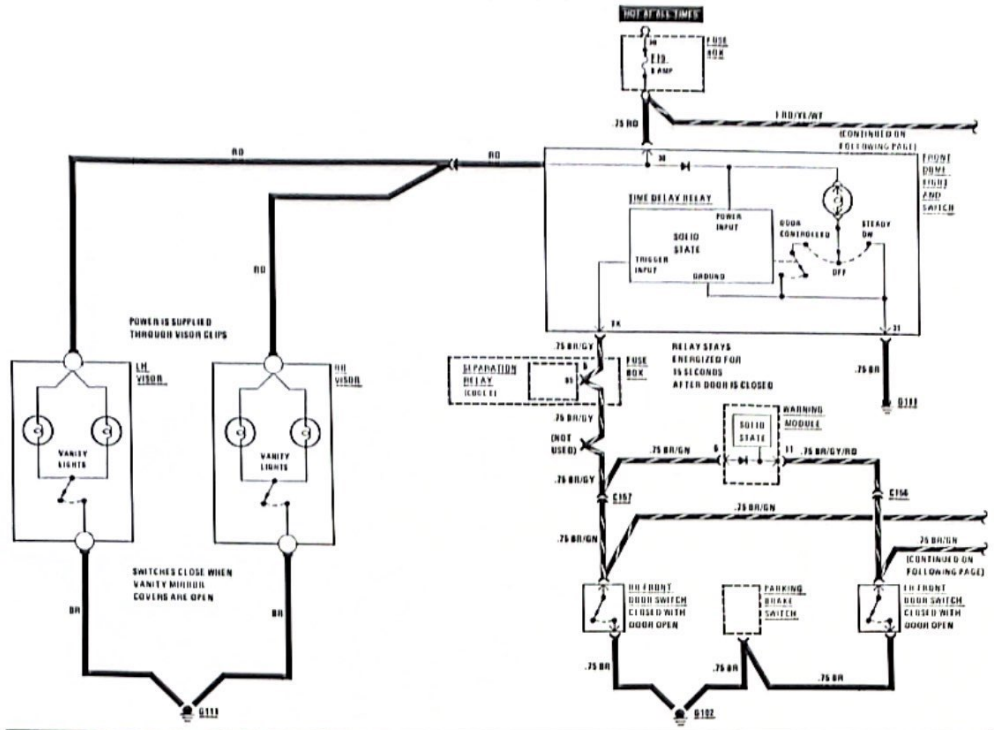
140

COURTESY LIGHTS

MY 1983 380 SEL

(For Component Locations See Page 205)

126.033



REVISIONS:

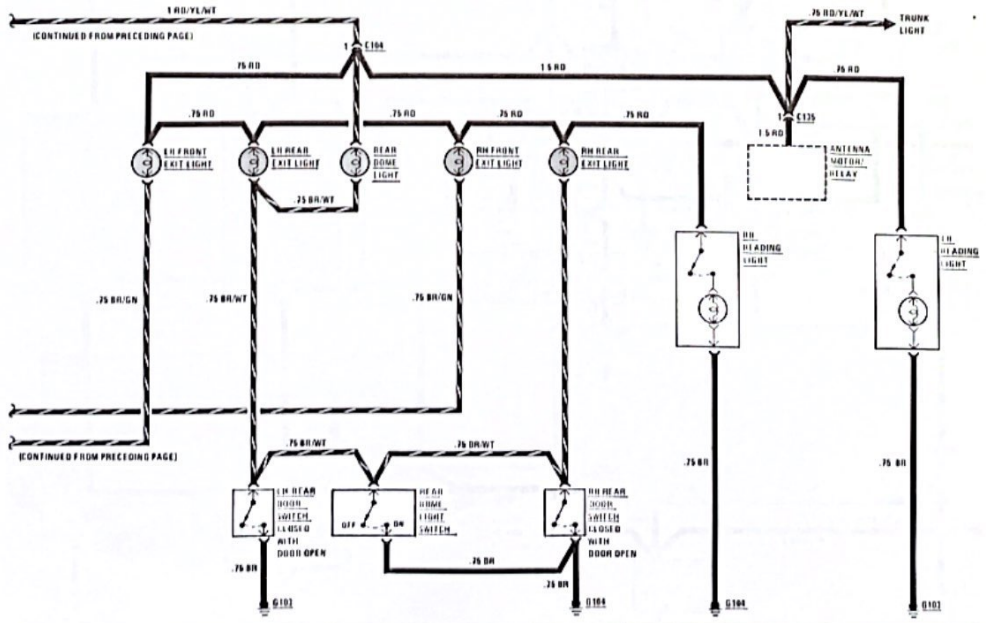
4/86

COURTESY LIGHTS

MY 1983 380 SEL

(For Component Locations See Page 205)

126.033



REVISIONS:

140/1

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140/2

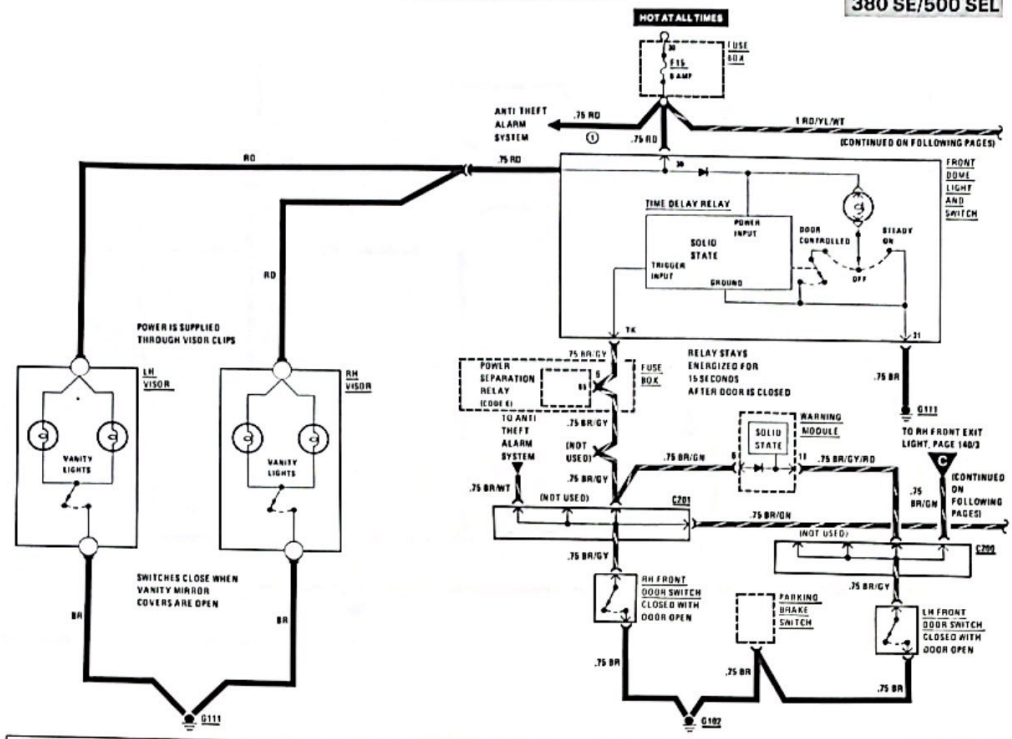
126.032/.037

4/86

COURTESY LIGHTS

(For Component Locations See Page 205)

MY 1984/MY 1985
380 SE/500 SEL



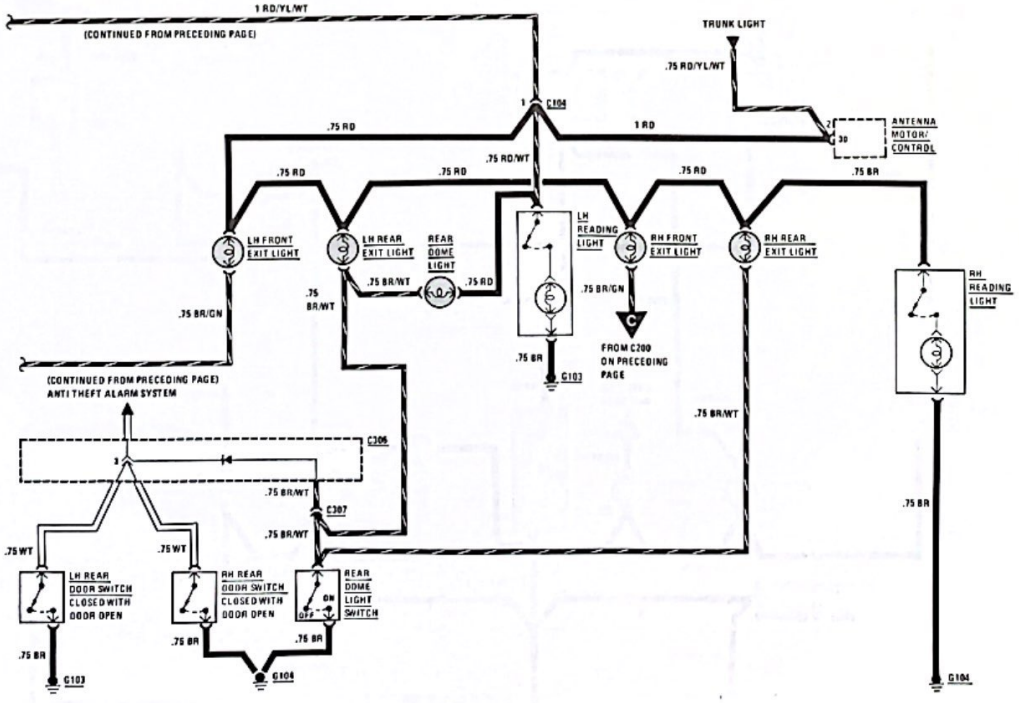
REVISIONS:

4/86

COURTESY LIGHTS

(For Component Locations See Page 205)

MY 1984



REVISIONS:

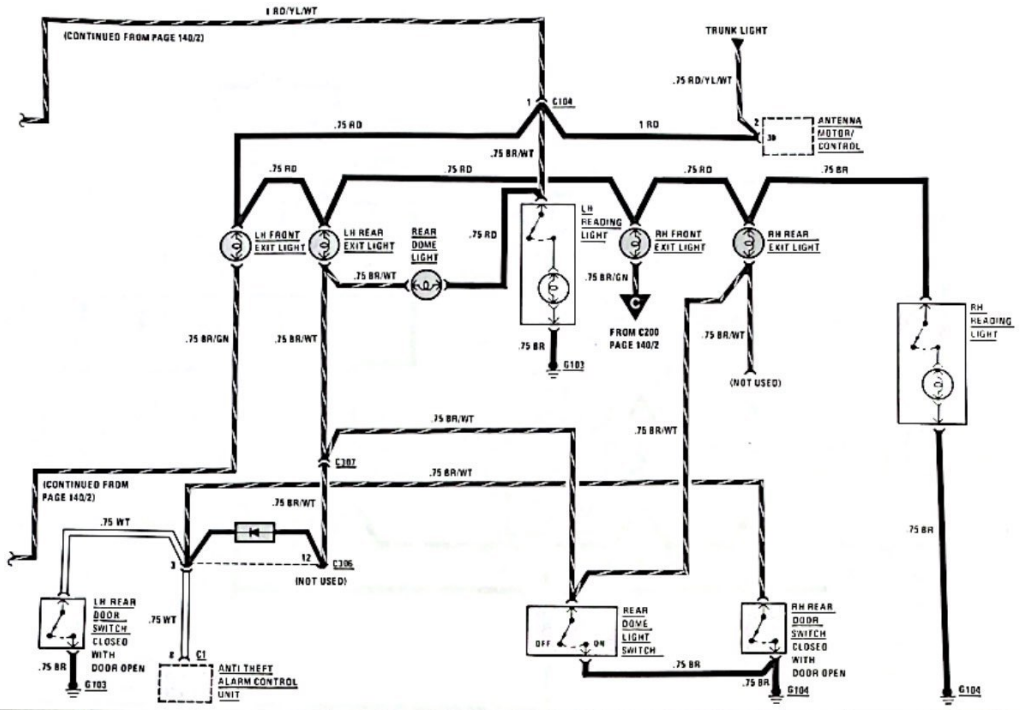
140/3

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COURTESY LIGHTS

(For Component Locations See Page 205)

MY 1985



REVISIONS:

4/86

126.032/.037

1/87

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REVISIONS:

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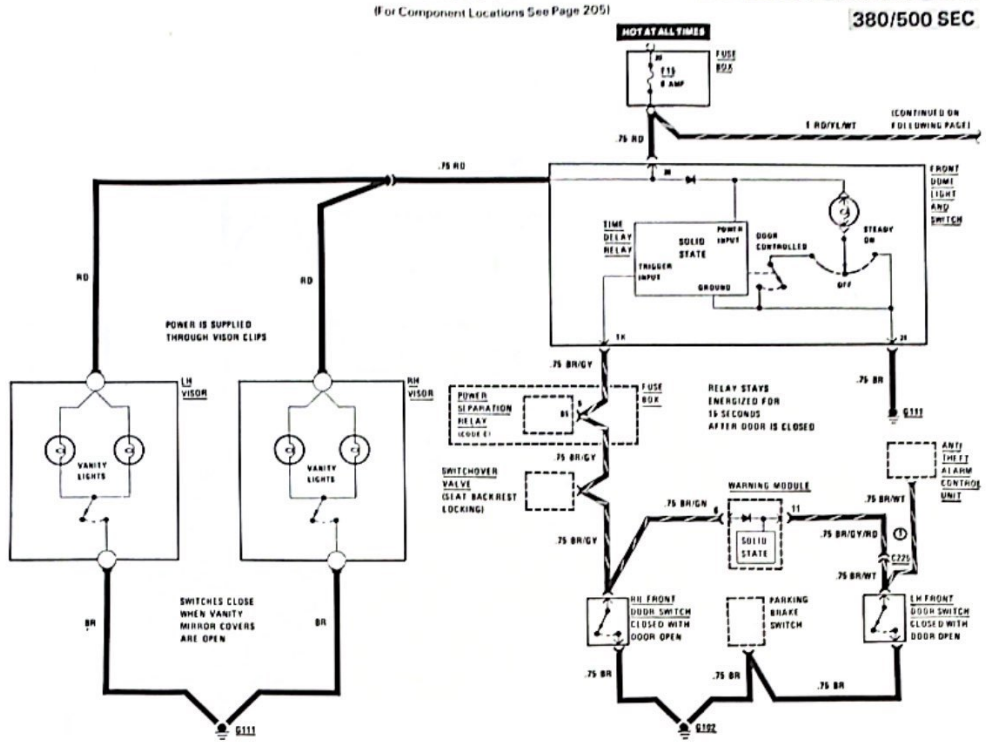
142

COURTESY LIGHTS

(For Component Locations See Page 205)

MY 1983/MY 1984/MY 1985

380/500 SEC



REVISIONS: ① AS OF MODEL YEAR 1984

126.043

1/87

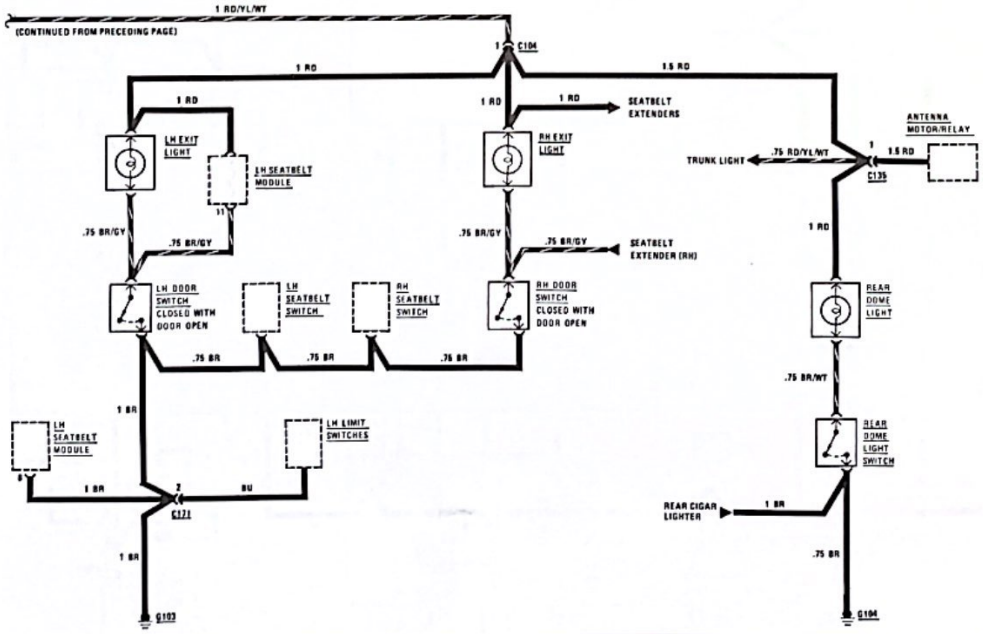
4/86

COURTESY LIGHTS

(For Component Locations See Page 205)

MY 1983/MY 1984/MY 1985

380/500 SEC



REVISIONS:

126.043

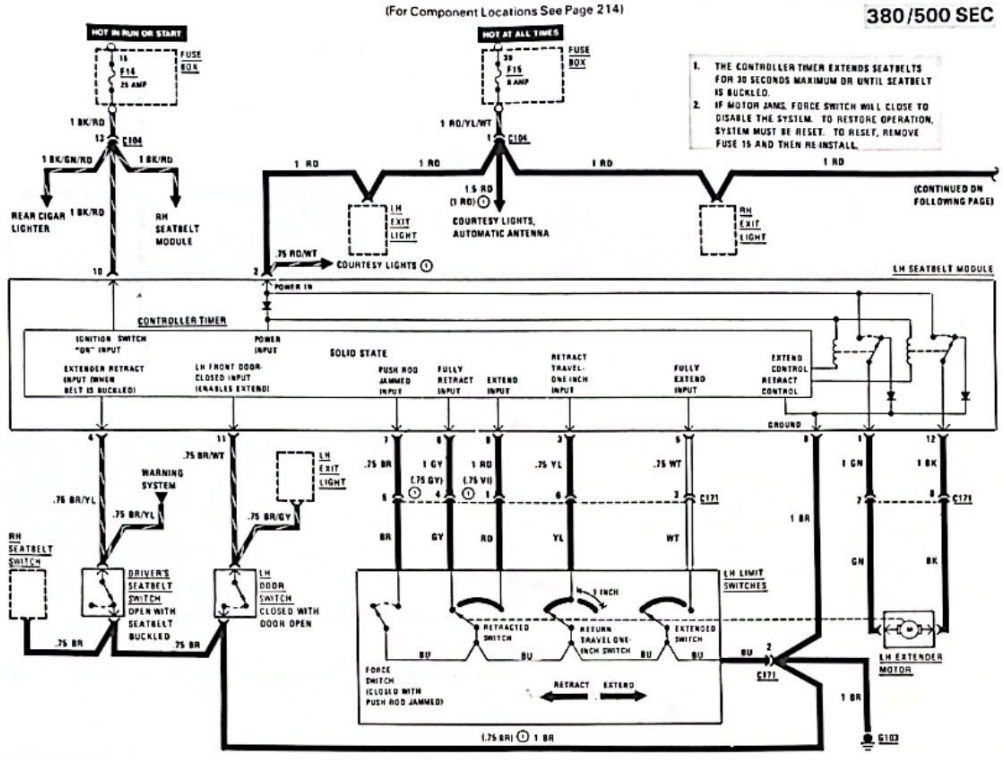
143

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SEATBELT EXTENDERS

(For Component Locations See Page 214)

MY 1983 / MY 1984 / MY 1985
380/500 SEC



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.

REVISIONS: ① AS OF MODEL YEAR 1984

126.043/.044

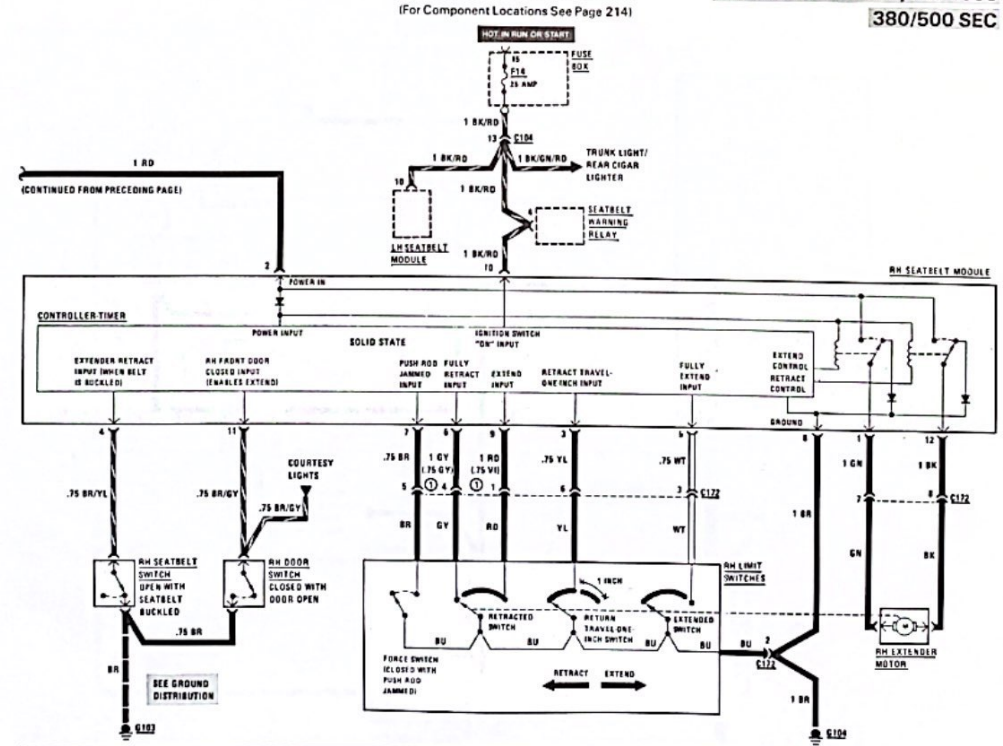
1/87

1/87

SEATBELT EXTENDERS

(For Component Locations See Page 214)

MY 1983 / MY 1984 / MY 1985
380/500 SEC



REVISIONS ① AS OF MODEL YEAR 1984

126.043/.044

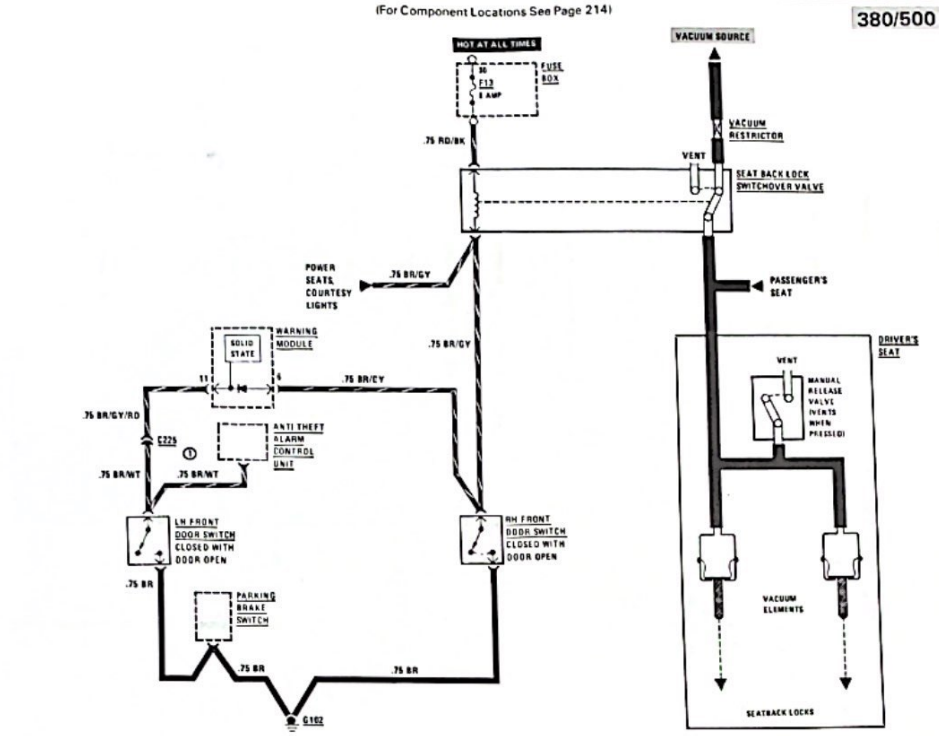
Scanned with CamScanner

SEAT BACKREST LOCKING SYSTEM

MY 1983/MY 1984/MY 1985

380/500 SEC

(For Component Locations See Page 214)



REVISIONS: ① AS OF MODEL YEAR 1984

4/86

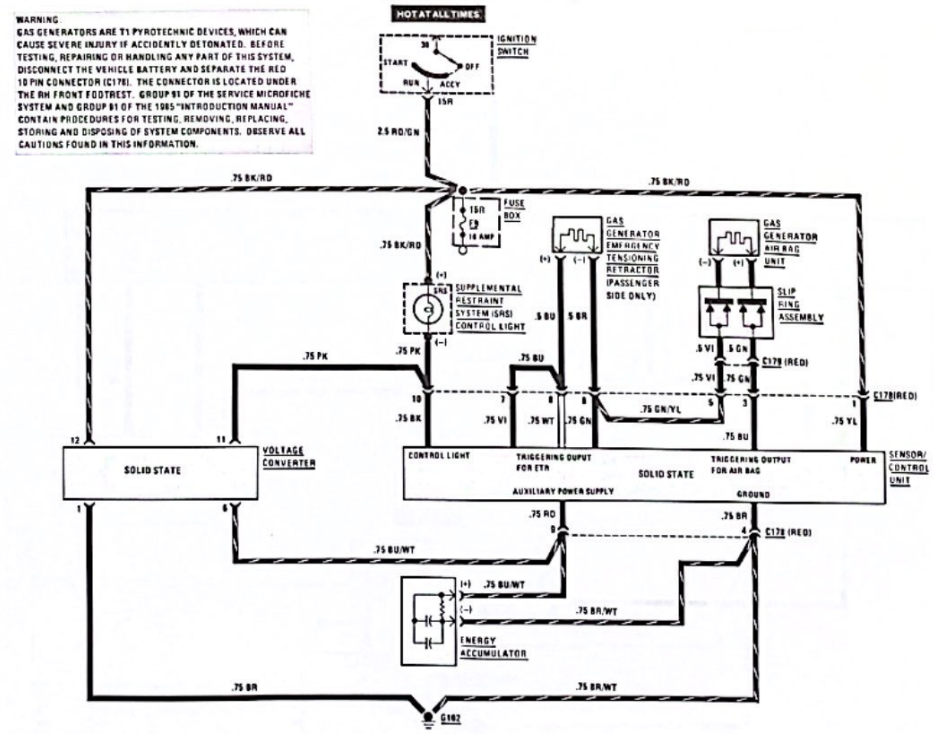
126.043/.044

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

MY 1984

(For Component Locations See Page 216)

WARNING:
GAS GENERATORS ARE TYPYROTECHNIC DEVICES, WHICH CAN CAUSE SEVERE INJURY IF ACCIDENTLY DETONATED. BEFORE TESTING, REPAIRING OR HANDLING ANY PART OF THIS SYSTEM, DISCONNECT THE VEHICLE BATTERY AND SEPARATE THE RED 10 PIN CONNECTOR (C179). THE CONNECTOR IS LOCATED UNDER THE RH FRONT FOOTREST. GROUP 91 OF THE SERVICE MICROFICHE SYSTEM AND GROUP 91 OF THE 1985 "INTRODUCTION MANUAL" CONTAIN PROCEDURES FOR TESTING, REMOVING, REPLACING, STORING AND DISPOSING OF SYSTEM COMPONENTS. OBSERVE ALL CAUTIONS FOUND IN THIS INFORMATION.



REVISIONS:

4/86

126.032/.037/.044

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147/1

126.032

4/86

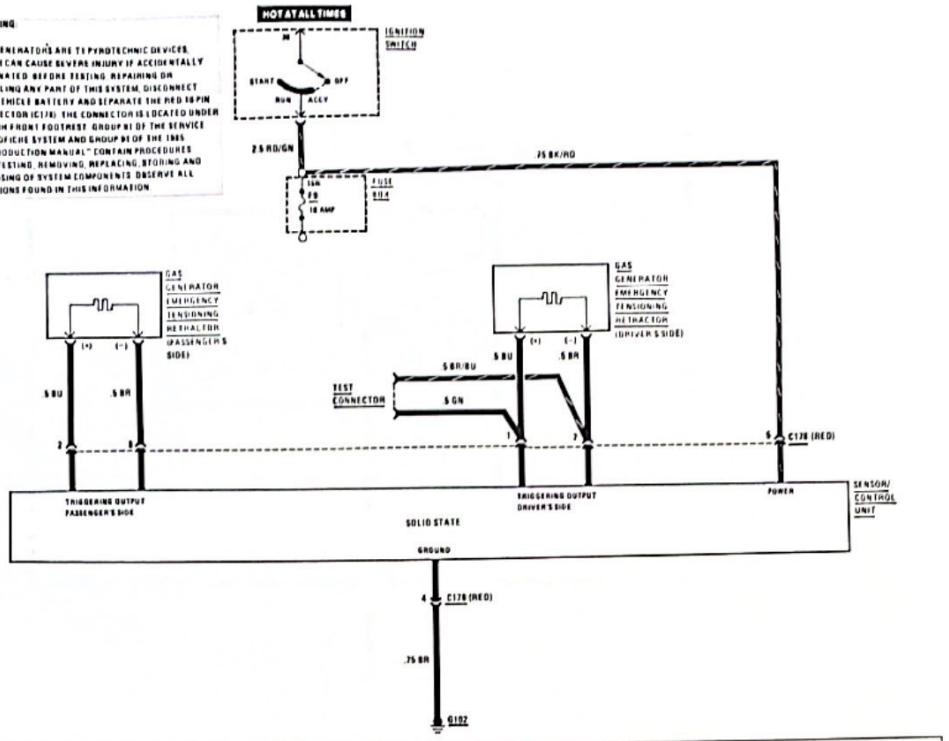
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) WITHOUT AIR BAG

MY 1985

(For Component Locations See Page 216)

WARNING:

GAS GENERATORS ARE PYROTECHNIC DEVICES, WHICH CAN CAUSE SEVERE INJURY IF ACCIDENTALLY DETONATED. BEFORE TESTING, REPAIRING OR HANDLING ANY PART OF THIS SYSTEM, DISCONNECT THE VEHICLE BATTERY AND SEPARATE THE RED 10 PIN CONNECTOR (C178). THE CONNECTOR IS LOCATED UNDER THE RH FRONT FOOTREST. GROUP 91 OF THE SERVICE MICROFICHE SYSTEM AND GROUP 91 OF THE 1985 "INTRODUCTION MANUAL" CONTAIN PROCEDURES FOR TESTING, REMOVING, REPLACING, STORING AND DISPOSING OF SYSTEM COMPONENTS. OBSERVE ALL CAUTIONS FOUND IN THIS INFORMATION.



REVISIONS:

4/86

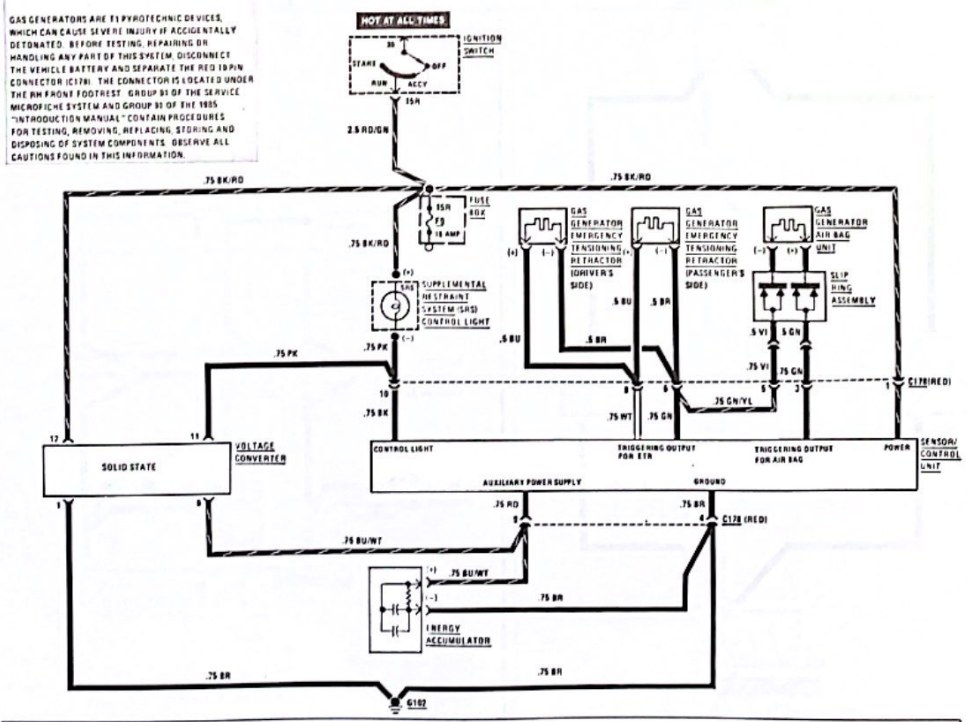
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) WITH AIR BAG

MY 1985

(For Component Locations See Page 216)

WARNING:

GAS GENERATORS ARE PYROTECHNIC DEVICES, WHICH CAN CAUSE SEVERE INJURY IF ACCIDENTALLY DETONATED. BEFORE TESTING, REPAIRING OR HANDLING ANY PART OF THIS SYSTEM, DISCONNECT THE VEHICLE BATTERY AND SEPARATE THE RED 10 PIN CONNECTOR (C178). THE CONNECTOR IS LOCATED UNDER THE RH FRONT FOOTREST. GROUP 91 OF THE SERVICE MICROFICHE SYSTEM AND GROUP 91 OF THE 1985 "INTRODUCTION MANUAL" CONTAIN PROCEDURES FOR TESTING, REMOVING, REPLACING, STORING AND DISPOSING OF SYSTEM COMPONENTS. OBSERVE ALL CAUTIONS FOUND IN THIS INFORMATION.



REVISIONS:

126.032/.037/.044

147/2

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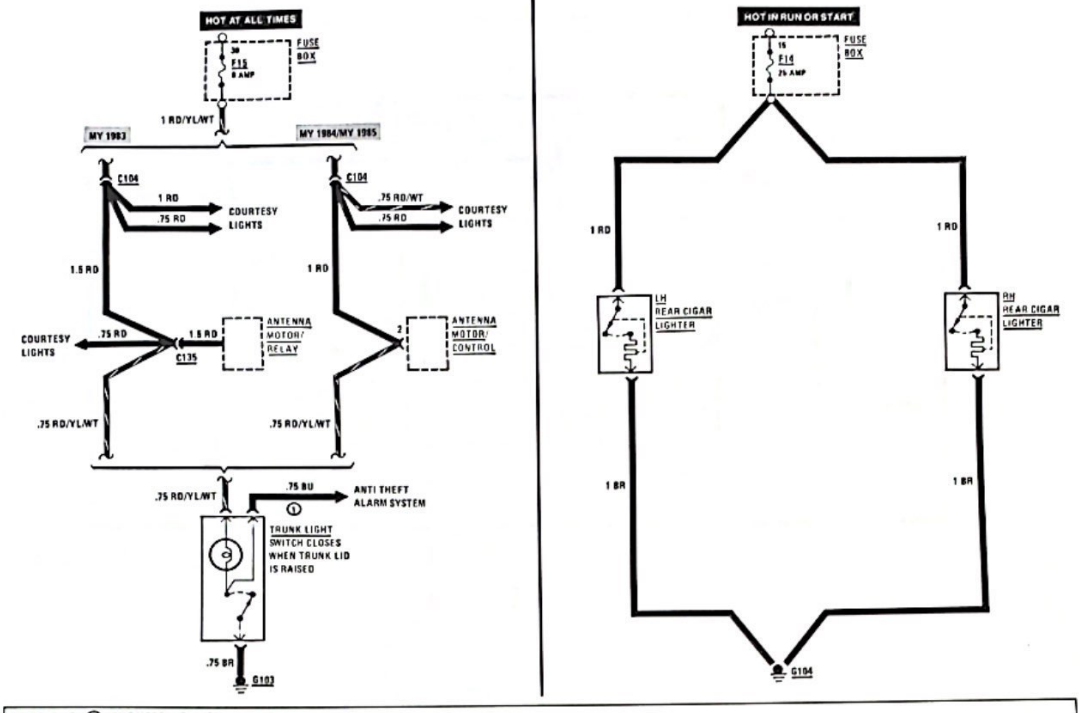
148

TRUNK LIGHT/REAR CIGAR LIGHTERS

(For Component Locations See Page 216)

MY 1983/MY 1984/MY 1985
380/380 SE,500 SEL

126.032/.033/.037



REVISIONS: ① AS OF MODEL YEAR 1984

4/86

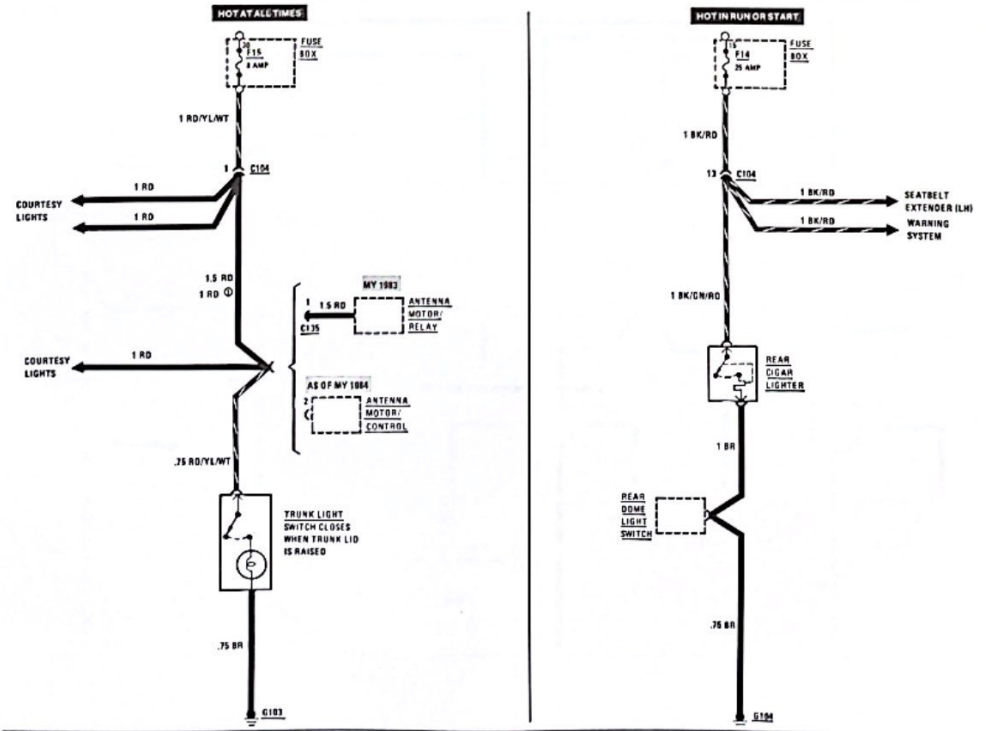
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TRUNK LIGHT/REAR CIGAR LIGHTERS

(For Component Locations See Page 216)

MY 1984 / MY 1985
380/500 SEC

126.043/.044



REVISIONS: ① AS OF MODEL YEAR 1984

148/1

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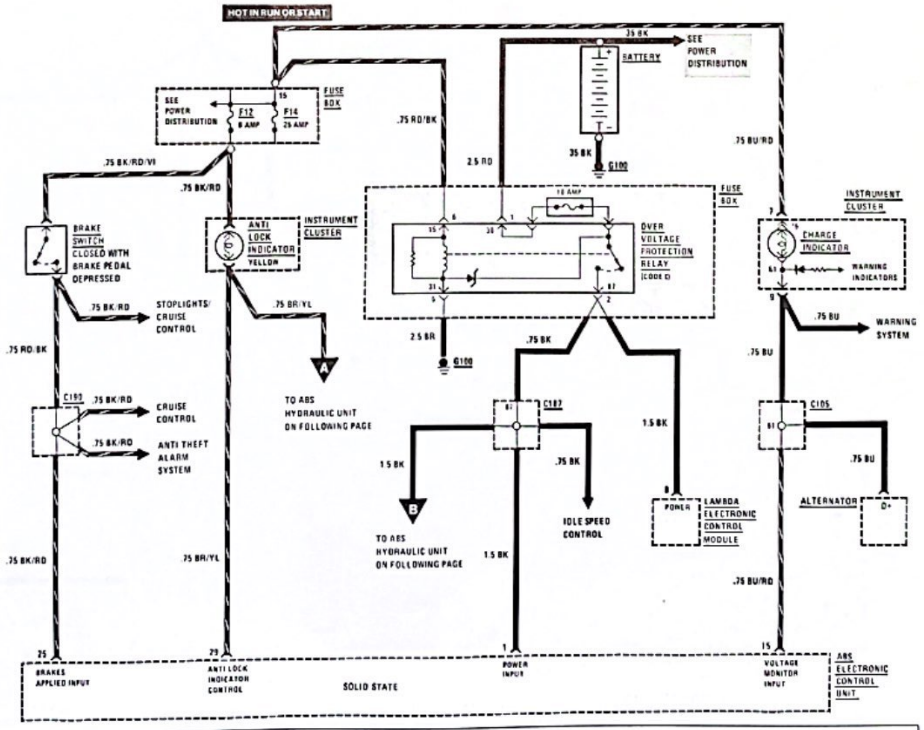
126.032/.037/.044

149

ANTI LOCK BRAKE SYSTEM

MY 1985

(For Component Locations See Page 201)



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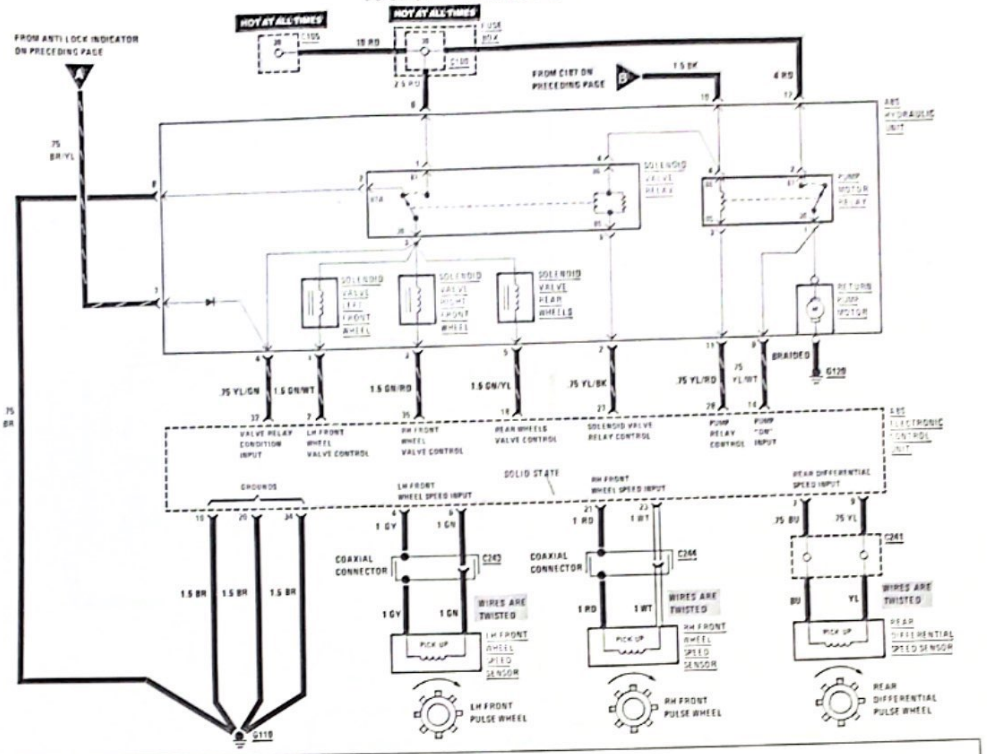
126.032/.037/.044

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MY 1985

ANTI LOCK BRAKE SYSTEM

(For Component Locations See Page 201)

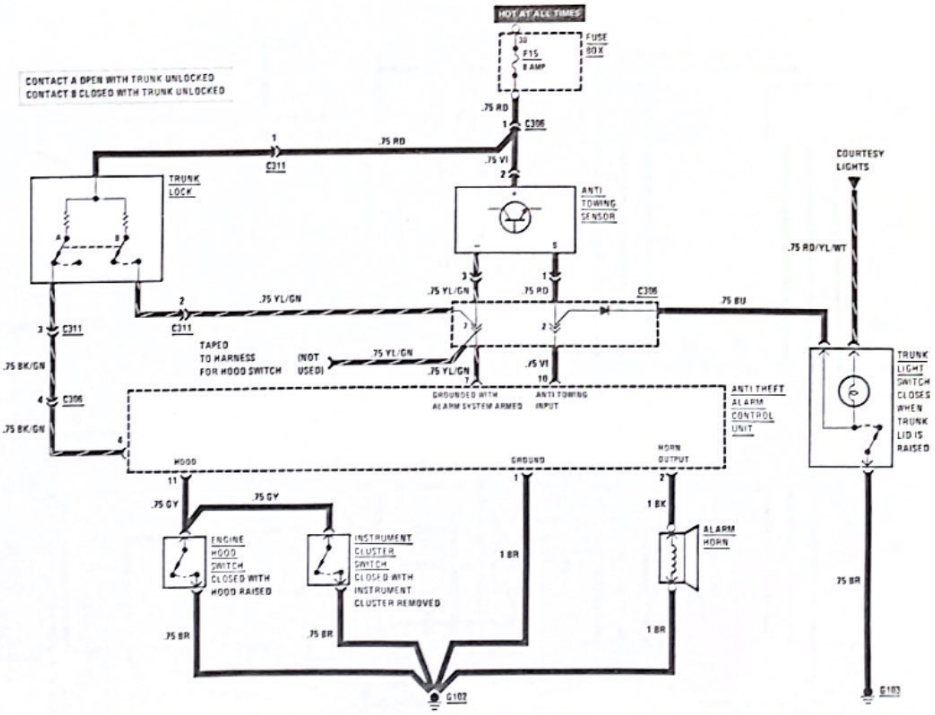


REVISIONS:

MY 1984

ANTI THEFT ALARM SYSTEM

(For Component Locations See Page 201)



126.032/.037/.044

REVISIONS:

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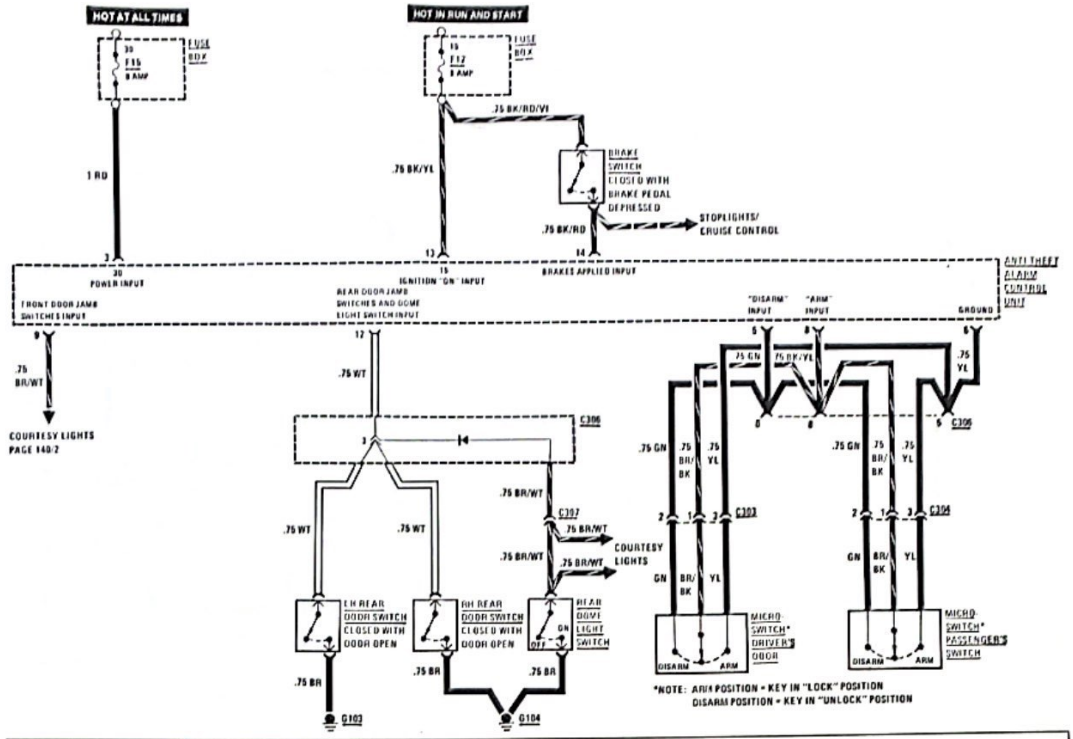
126.032/.037/.044

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ANTI THEFT ALARM SYSTEM

MY 1984

(For Component Locations See Page 201)



REVISIONS:

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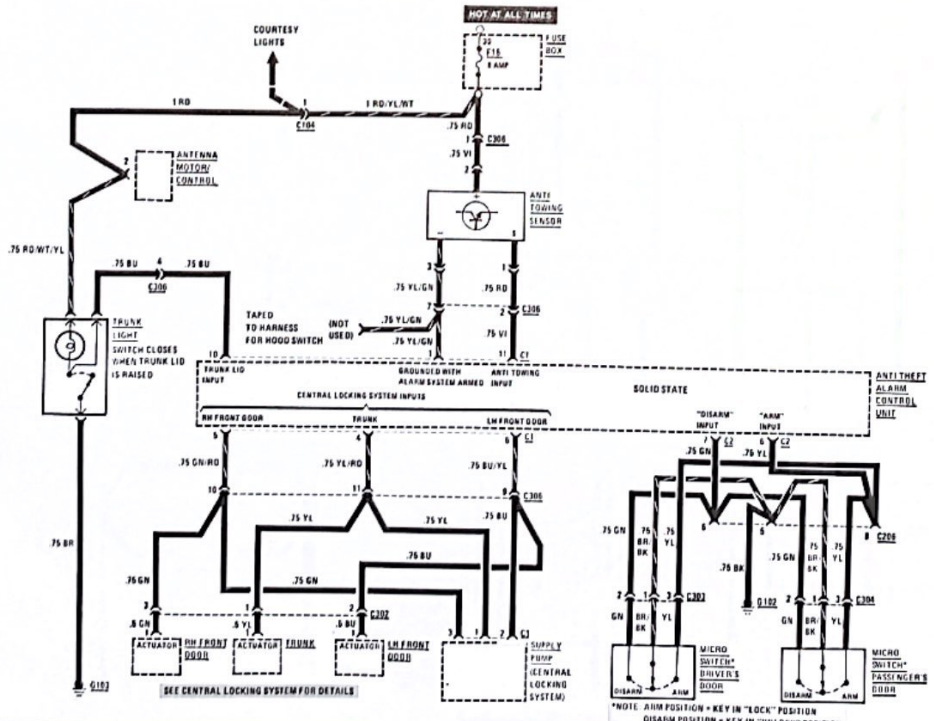
126.032/.037/.044

151

ANTI THEFT ALARM SYSTEM

MY 1985

(For Component Locations See Page 201)



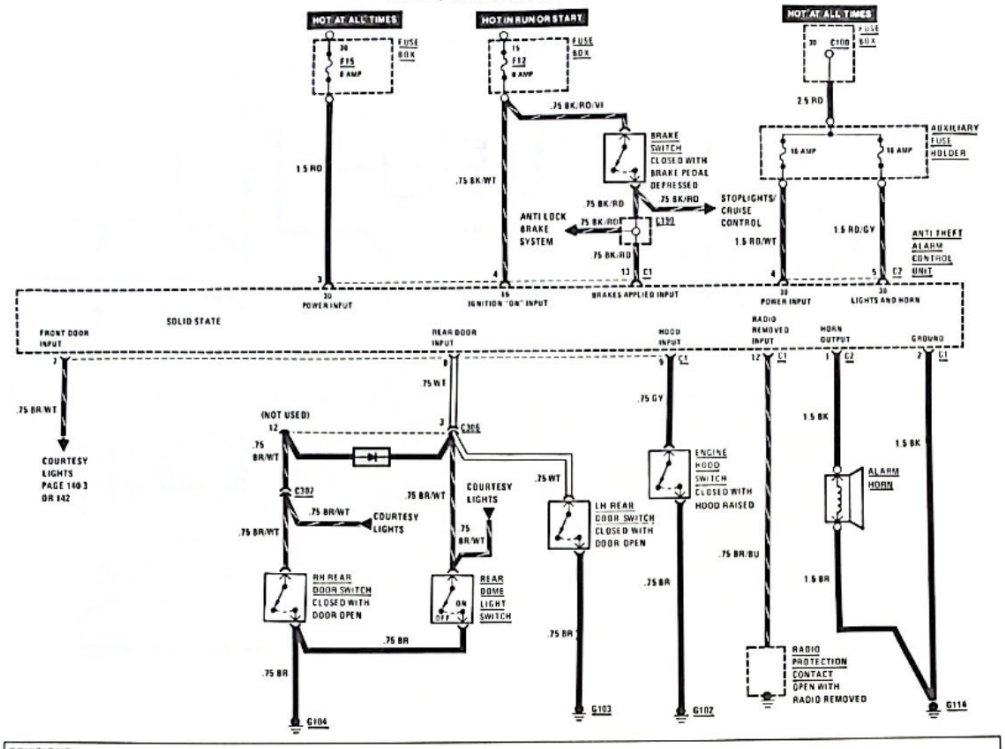
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ANTI THEFT ALARM SYSTEM

MY 1985

(For Component Locations See Page 201)



REVISIONS:

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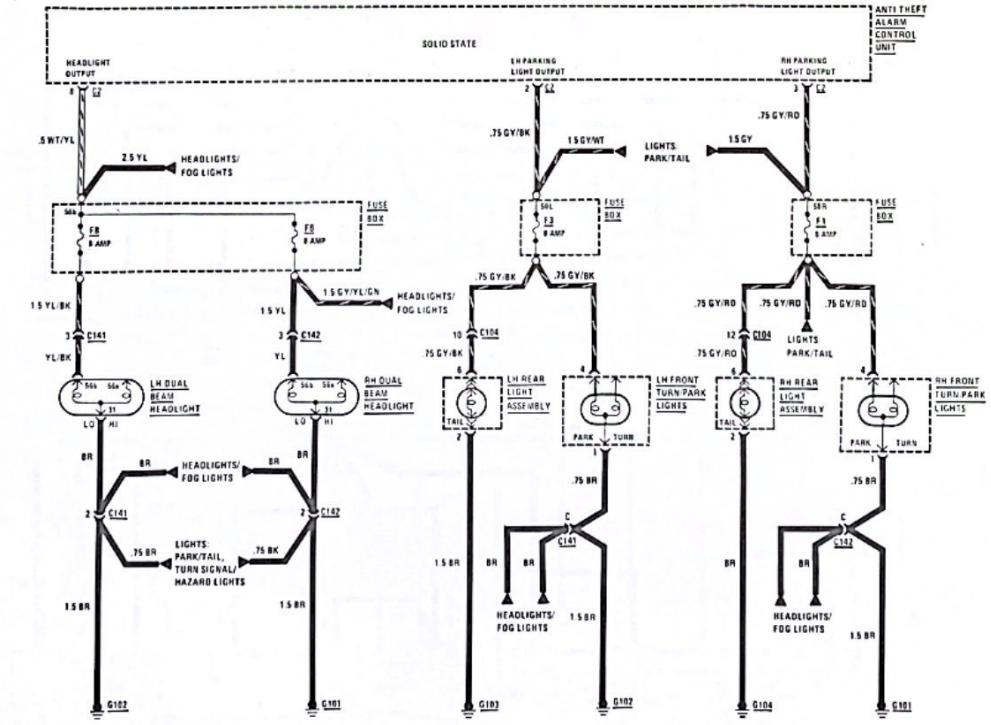
126.032/.037/.044



ANTI THEFT ALARM SYSTEM

MY 1985

(For Component Locations See Page 201)



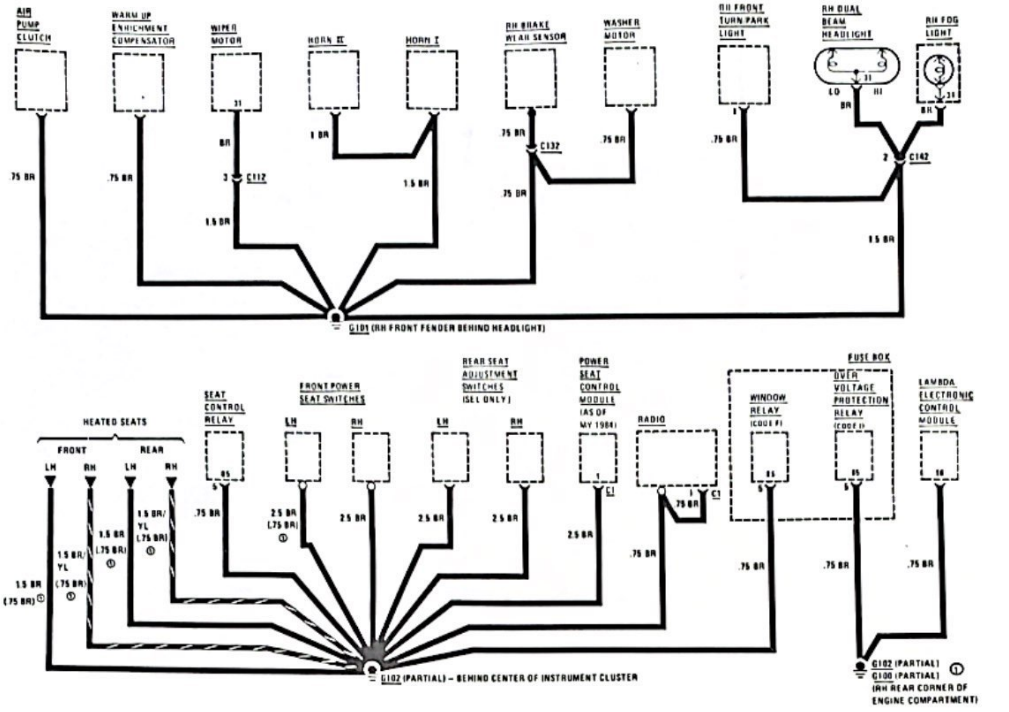
REVISIONS:

126.032/.037/.044

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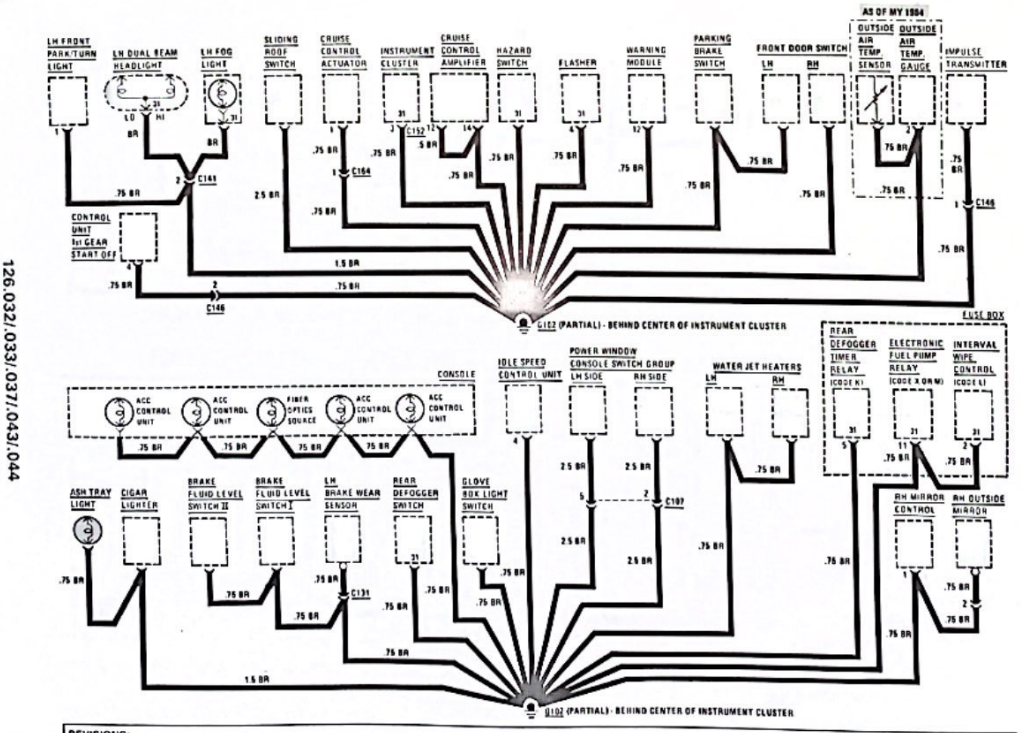
MY 1983/MY 1984/MY 1985



REVISIONS: ① AS OF MODEL YEAR 1985

GROUND DISTRIBUTION

MY 1983/MY 1984/MY 1985



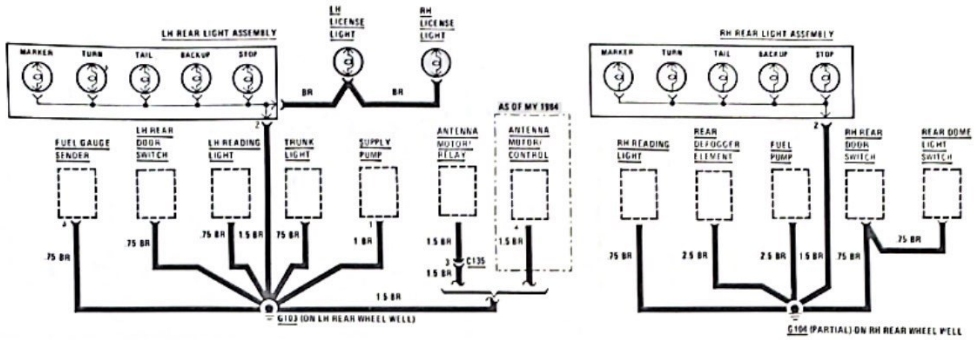
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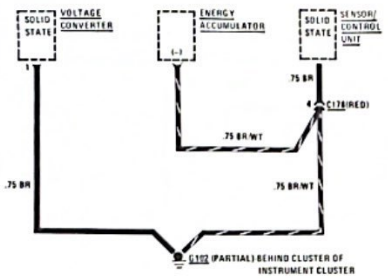
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MY 1983/MY 1984/MY 1985

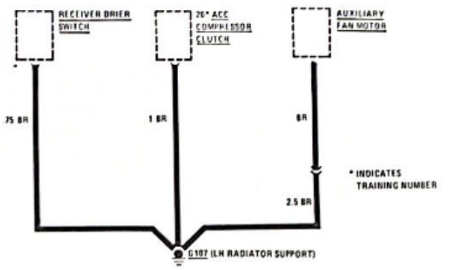
380 SE/SEL/SEC, 500 SEL/SEC



380 SE,500 SEL/SEC AS OF MY 1984



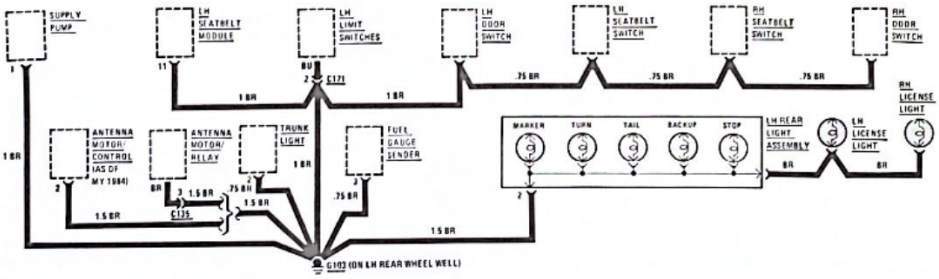
ALL MODELS

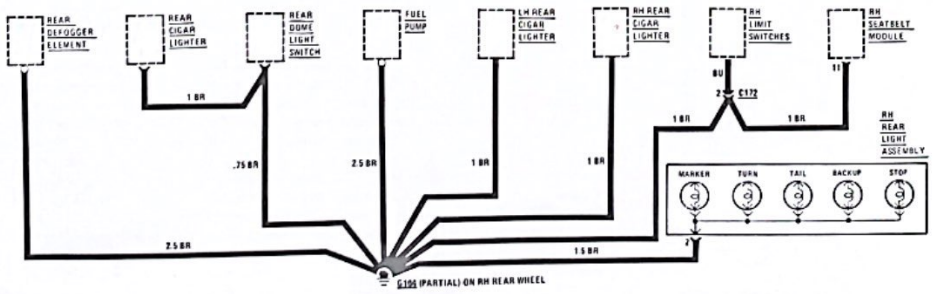


REVISIONS:

GROUND DISTRIBUTION

MY 1983/ MY 1984/ MY 1985
380/500 SEC





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COMPONENT LOCATIONS

ANTI LOCK BRAKE SYSTEM

		Page-Figure
ABS Electronic Control Unit	Center of components compartment, engine compartment	209-2
ABS Hydraulic Unit	LH front corner of engine compartment	207-4
Battery	RH rear corner of engine compartment	
Brake Switch	Top of brake pedal support	
Fuse Box	LH rear corner of engine compartment	203-2
Lambda Electronic Control Module	RH side of passenger's footwell	218-2
Rear Differential Speed Sensor	In rear differential, under car	211-2
Wheel Speed Sensor	Inside of each respective wheel	212-1
C105 (2 terminal)	RH front wheel well	209-3
C187 (1 terminal)	Under fuse box	208-1
C190 (1 terminal)	Behind instrument cluster	216-2
C241 (2 pin)	Under RH side of rear seat	220-4
C243 (2 pin)	LH rear of engine compartment	
C244 (2 pin)	RH rear of engine compartment	209-3
G100	RH rear corner of engine compartment	205-1
G110	RH front wheel well	
G120	On ABS hydraulic unit support	

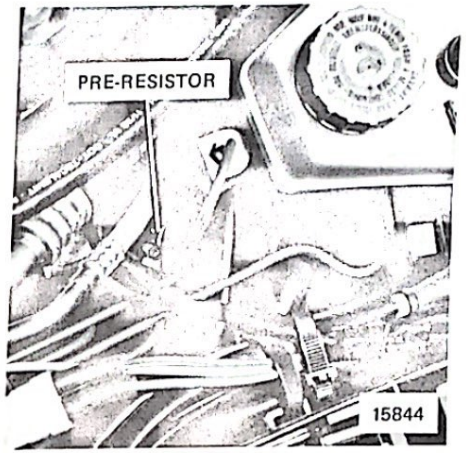


Figure 1 - Under Power Brake Booster

ANTI THEFT ALARM SYSTEM

		Page-Figure
Alarm Horn	RH front of engine compartment	208-2
Antenna Motor/Control	LH rear wheel well	221-1
Anti Theft Alarm Control Unit	Front of passenger's footwell	219-1
Anti Towing Sensor	LH front corner of trunk	221-3
Auxiliary Fuse Holder	LH side of engine compartment	209-1
Brake Switch	Top of brake pedal support	
Door Actuators	In each door	
Door Switches	In each door jamb	219-4
Engine Hood Switch	RH rear of engine compartment	209-2
Fuse Box	LH rear corner of engine compartment	203-2
Instrument Cluster Switch	Behind instrument cluster	
Microswitches	In each front door, near door handle	
Radio Protection Contact	Above radio	218-1
Supply Pump	In spare tire well	221-5

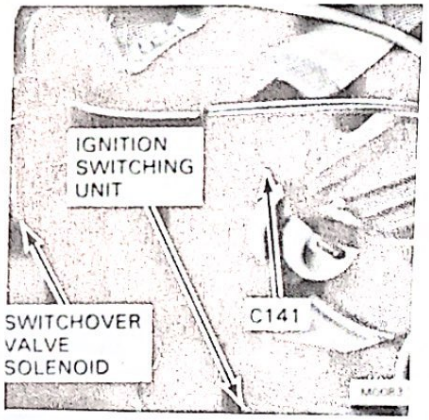


Figure 2 - LH Front Corner of Engine Compartment

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COMPONENT LOCATIONS

ANTI THEFT ALARM SYSTEM (Continued)

		Page-Figure
Trunk Lock	In center of end panel	
C104 (14 pin)	LH side of driver's footwell	214-2
C141 (4 pin)	Behind LH headlights	201-2
C142 (4 pin)	Behind RH headlights	
C190 (1 terminal)	Behind instrument cluster	216-2
C302 (3 pin)	In trunk, near supply pump	
C303 (3 pin)	In driver's door	220-2
C304 (3 pin)	At passenger's door handle	220-2
C306 (12 pin)	Passenger's footwell area	
C311 (3 pin)	In center of end panel	
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6
G114	Top rear of engine	

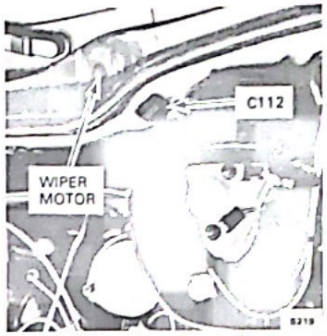


Figure 3 - LH Rear Corner of Engine Compartment

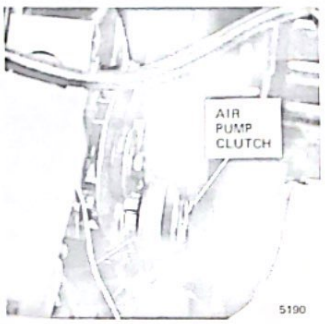


Figure 1 - Lower Front of Engine



Figure 2 - Lower Rear LH Side of Engine

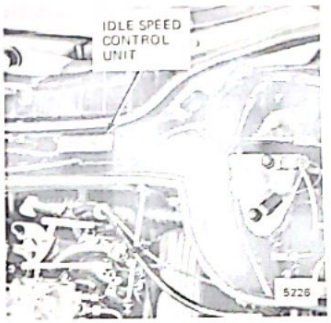


Figure 4 - Rear Center of Engine Compartment

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126.032/.033/.037/.043/.044

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COMPONENT LOCATIONS

AUXILIARY FAN

		Page-Figure
Auxiliary Fan Motor	Front of radiator	
Auxiliary Fan Temperature Switch	On water outlet	206-4
Fuse Box	LH rear corner of engine compartment	203-2
Pre-Resistor	Components compartment, below fuse box	201-1
Receiver Drier Switch	Behind LH headlights	204-1
G107	LH radiator support	205-2

BACKUP LIGHTS/HORNS/GLOVE BOX LIGHT

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
Horn Switch	In steering wheel	
Slip Ring Assembly	Underside of steering wheel	
Starter Lockout/Backup Light Switch	LH side of transmission	210-1
C104 (14 pin)	LH side of driver's footwell	214-2
C106 (14 pin)	LH side of driver's footwell	214-2
C146 (6 pin)	RH side of driver's footwell	214-1
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6

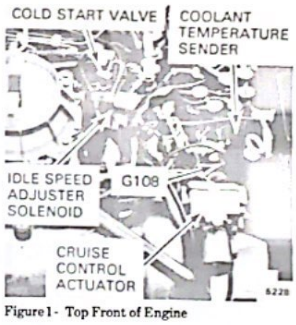


Figure 1 - Top Front of Engine

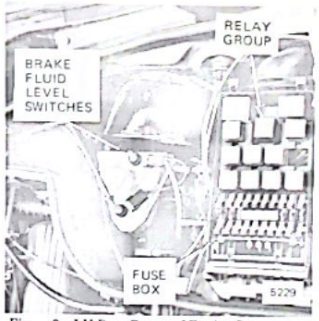


Figure 2 - LH Rear Corner of Engine Compartment

126.032/.033/.037/.043/.044

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COMPONENT LOCATIONS

CENTRAL LOCKING SYSTEM

		Page-Figure
Door Actuators	In each door	
Fuse Box	LH rear corner of engine compartment	203-2
Key Warning Switch	Part of ignition switch	212-2
Supply Pump	In spare tire well	221-5
Trunk Lock	In center of end panel	
C302 (3 pin)	In trunk, near supply pump	
C306 (12 pin)	Passenger's footwell area	
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
S186	Central locking harness	
S187	Central locking harness	

CHARGING SYSTEM

		Page-Figure
Battery	RH rear corner of engine compartment	
Brake Fluid Level Switches	LH rear corner of engine compartment, at brake fluid reservoir	203-2
Fuse Box	LH rear corner of engine compartment	203-2
Ignition Switch	In dash panel, right of steering column	212-2
Parking Brake Switch	On parking brake support	
Starter Assembly	Lower RH rear of engine	
Warning Module	LH side of driver's footwell	214-2
C105 (2 terminal)	RH front wheel well	209-3
G100	RH rear corner of engine compartment	205-1

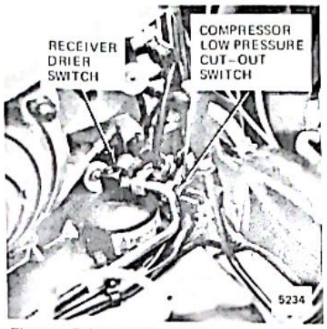


Figure 1 - Behind LH Headlights

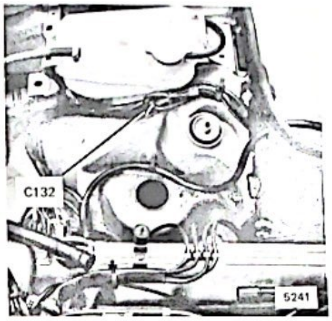


Figure 2 - RH Front Wheel Well

126.032/.033/.037/.043/.044

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COMPONENT LOCATIONS

COURTESY LIGHTS

		Page-Figure
Antenna Motor/Control	LH rear wheel well	221-1
Antenna Motor/Relay	LH rear wheel well	221-1
Anti Theft Alarm Control Unit	Front of passenger's footwell	219-1
Door Switches	In each door jamb	219-4
Fuse Box	LH rear corner of engine compartment	203-2
Limit Switches	On extender arm, behind rear side panels	221-2
Parking Brake Switch	On parking brake support	
Seatbelt Modules	Behind LH and RH rear side panels	221-4
Seatbelt Switches	Part of seatbelt buckles	
Switchover Valve	LH side of driver's footwell	214-2
Warning Module	LH side of driver's footwell	214-2
C104 (14 pin)	LH side of driver's footwell	214-2
C135 (6 pin)	Above LH rear wheel well	221-1
C156 (1 pin)	Behind LH front door switch	
C157 (1 pin)	Behind LH front door switch	
C171 (8 pin)	Behind LH rear side panel	221-4
C200 (4 pin)	At LH kick panel	
C201 (4 pin)	At RH kick panel	
C306 (12 pin)	Passenger's footwell area	
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6
G111	Center of windshield header	217-1

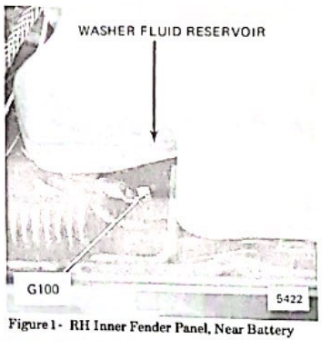


Figure 1 - RH Inner Fender Panel, Near Battery

LAMBDA CONTROL/DIAGNOSTIC SOCKET/AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION

		Page-Figure
Acceleration Vacuum Switch	RH front corner of engine compartment	208-2
Air Pump Clutch	Below alternator	202-1
Battery	RH rear corner of engine compartment	
Coolant Temperature Switch	Top RH rear of engine, under tube	206-3
Diagnostic Socket	LH front wheel well	206-2
Frequency Valve	Left of throttle body	206-4
Fuse Box	LH rear corner of engine compartment	203-2
Idle Speed Adjuster Solenoid	Top of engine, at throttle body	203-1
Idle Speed Control Unit	Rear center of engine compartment	202-4

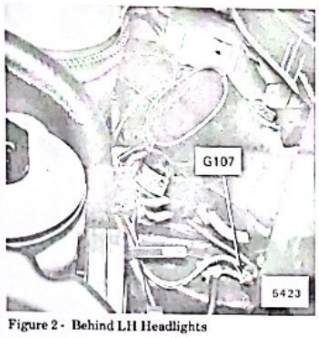


Figure 2 - Behind LH Headlights

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LAMBDA CONTROL/DIAGNOSTIC SOCKET/AIR INJECTION MANAGEMENT/IDLE SPEED STABILIZATION (Continued)

		Page-Figure
Lambda Electronic Control Module	RH side of passenger's footwell	218-2
Oil Temperature Switch	Next to oil filter	
Oxygen Sensor	Attached to catalytic converter	
Switchover Valve Solenoid	LH front wheel well, behind headlights	201-2
Throttle Switch	At throttle body	
C143 (2 pin)	Under car, behind RH front wheel well	
C144 (3 pin)	Below battery	
C187 (1 terminal)	Under fuse box	208-1
G100	RH rear corner of engine compartment	205-1
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G106	LH front wheel well	206-2
G108	Front top of engine, near ignition distributor	203-1

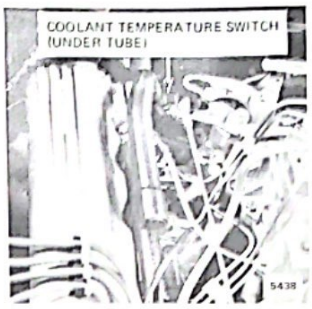


Figure 3 - Top RH Rear of Engine

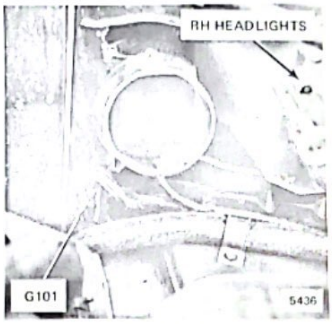


Figure 1 - Left of RH Headlights

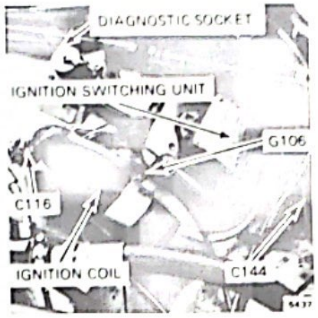


Figure 2 - LH Front Wheel Well

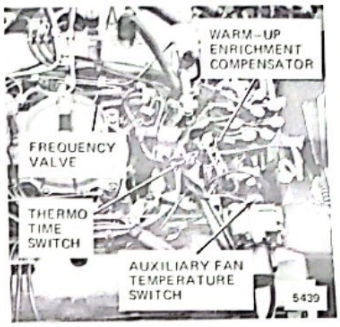


Figure 4 - Top Front of Engine

REVISIONS:

126.032/.033/.037/.043/.044

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FRONT CIGAR LIGHTER/RADIO/AUTOMATIC ANTENNA

		Page-Figure
Antenna Motor/Control	LH rear wheel well	221-1
Antenna Motor/Relay	LH rear wheel well	221-1
Fuse Box	LH rear corner of engine compartment	203-2
C104 (14 pin)	LH side of driver's footwell	214-2
C135 (6 pin)	Above LH rear wheel well	221-1
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
S101	Speaker harness	
S102	Speaker harness	



Figure 3 - Under Fuse Box

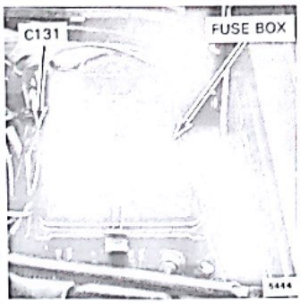


Figure 1 - LH Rear Corner of Engine Compartment

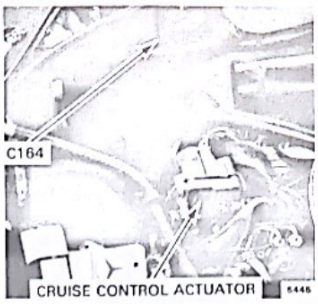


Figure 2 - RH Front Corner of Engine Compartment



Figure 4 - LH Side of Engine Compartment

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COMPONENT LOCATIONS

HEADLIGHTS/FOG LIGHTS

		Page-Figure
Combination Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment	203-2
C106 (14 pin)	LH side of driver's footwell	214-2
C141 (4 pin)	Behind LH headlights	201-2
C142 (4 pin)	Behind RH headlights	
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2

HEATED SEATS

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
Seat Heater Control/Relays (Front)	Under each front seat, on air duct	220-1
Seat Heater Control/Relays (Rear)	Behind rear seat backrest	220-5
Seat Heaters	In each seat cushion	
G102	Behind instrument cluster	215-2

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IGNITION/FUEL DELIVERY/DIAGNOSTIC SOCKET/ TRANSMISSION KICKDOWN

		Page-Figure
Control Unit 1st Gear Start-Off	Above accelerator pedal	213-2
Diagnostic Socket	LH front wheel well	206-2
Fuel Pump	To right of differential	211-1
Fuse Box	LH rear corner of engine compartment	203-2
Ignition Coil	LH front wheel well	206-2
Ignition Switching Unit	LH front wheel well	206-2
Kick Down Solenoid	RH rear of transmission	209-4
Shift Lever Switch	RH side of shifter assembly	217-2
Starter Lockout/Backup Light Switch	LH side of transmission	210-1
Transmission Kick Down Switch	Under accelerator pedal	214-1
Warm-Up Enrichment Compensator	Top of engine, in front of throttle body	206-4
C104 (14 pin)	LH side of driver's footwell	214-2
C116 (1 terminal)	LH front wheel well	206-2

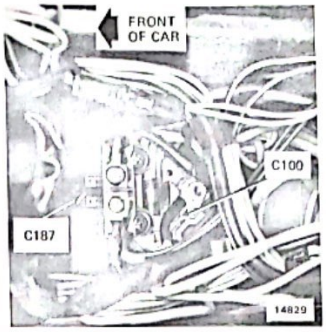


Figure 1 - Under Fuse Box

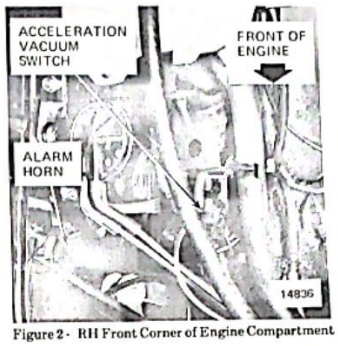


Figure 2 - RH Front Corner of Engine Compartment

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COMPONENT LOCATIONS

IGNITION/FUEL DELIVERY/DIAGNOSTIC SOCKET/ TRANSMISSION KICKDOWN (Continued)

		Page-Figure
C146 (6 pin)	RH side of driver's footwell	214-1
C175 (2 pin)	Above accelerator pedal	215-1
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G104	RH rear wheel well	220-6
G106	LH front wheel well	206-2

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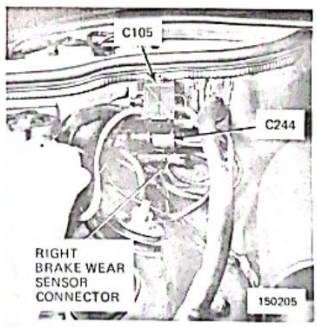


Figure 3 - RH Rear of Engine Compartment

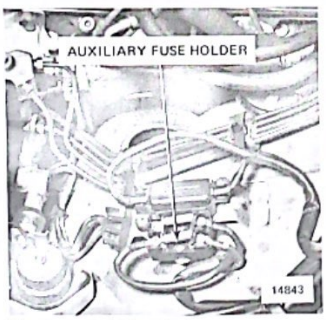


Figure 1 - LH Side of Engine Compartment

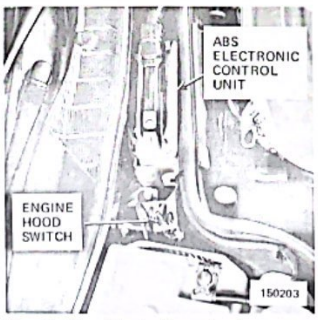


Figure 2 - Rear of Engine Compartment

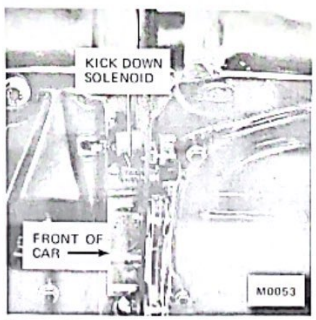


Figure 4 - Rear RH Side of Transmission

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COMPONENT LOCATIONS

ILLUMINATION: INSTRUMENT CLUSTER/CENTER CONSOLE

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
C107 (6 pin)	Under center console	
C108 (2 pin)	Under center console	
C124 (1 terminal)	RH side of driver's footwell	
G102	Behind instrument cluster	215-2

LIGHTS: PARK/TAIL/LICENSE

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
C104 (14 pin)	LH side of driver's footwell	214-2
C141 (4 pin)	Behind LH headlights	201-2
C142 (4 pin)	Behind RH headlights	
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6

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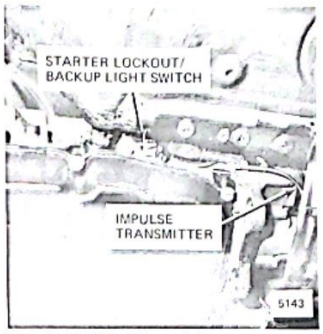


Figure 1 - LH Side of Transmission

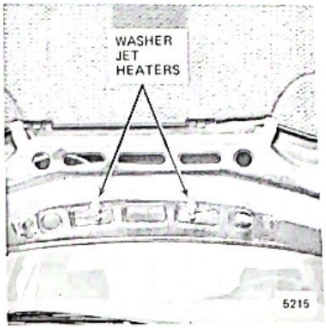


Figure 2 - Rear Center of Hood

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COMPONENT LOCATIONS

ORTHOPEDIC SEATS

		Page-Figure
Air Pressure Reservoir	Above RH rear wheel well	
Fuse Box	LH rear corner of engine compartment	203-2
Supply Pump	In spare tire well	221-5
G103	LH rear wheel well	221-1

OUTSIDE HEATED MIRRORS

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
C310 (2 pin)	In LH front door	
G102	Behind instrument cluster	215-2

POWER DISTRIBUTION

		Page-Figure
Battery	RH rear corner of engine compartment	
Fuse Box	LH rear corner of engine compartment	203-2
Ignition Switch	In dash panel, right of steering column	212-2
Seatbelt Modules	Behind LH and RH rear side panels	221-4
Starter Assembly	Lower RH rear of engine	
C104 (14 pin)	LH side of driver's footwell	214-2
C105 (2 terminal)	RH front wheel well	209-3
G100	RH rear corner of engine compartment	205-1

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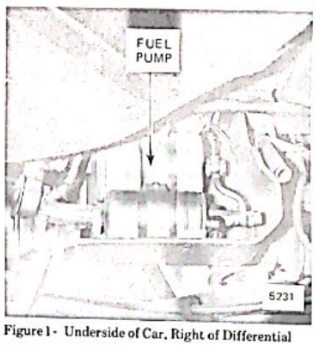


Figure 1 - Underside of Car, Right of Differential

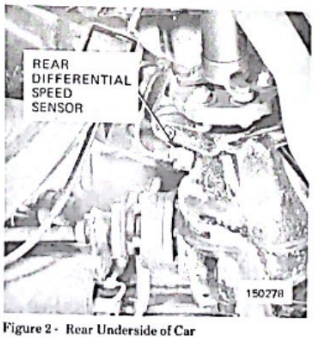


Figure 2 - Rear Underside of Car

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COMPONENT LOCATIONS

POWER SEATS

		Page-Figure
Door Switches	In each door jamb	219-4
Fuse Box	LH rear corner of engine compartment	203-2
Parking Brake Switch	On parking brake support	
Power Seat Control Module	Under front of driver's seat	219-3
Power Seat Motors	Under front seats	
Switchover Valve	LH side of driver's footwell	214-2
Warning Module	LH side of driver's footwell	214-2
C156 (1 pin)	Behind LH front door switch	
C157 (1 pin)	Behind LH front door switch	
C181 (4 pin)	Under driver's seat	
C182 (2 pin)	Under driver's seat	
C201 (4 pin)	At RH kick panel	
G102	Behind instrument cluster	215-2

POWER WINDOWS

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
Window Motor	Below each side window	221-2
C107 (6 pin)	Under center console	
C108 (2 pin)	Under center console	
C169 (6 terminal)	Behind LH side of rear panel	221-2
C170 (6 terminal)	Behind RH side of rear panel	
G102	Behind instrument cluster	215-2



Figure 1 - Inside of RH Front Wheel

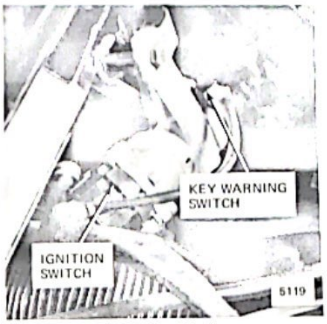


Figure 2 - Behind LH Side of Dash

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COMPONENT LOCATIONS

REAR DEFOGGER/SLIDING ROOF

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
Sliding Roof Motor	Front LH side of trunk	221-1
C104 (14 pin)	LH side of driver's footwell	214-2
C168 (2 pin)	Above LH rear wheel well	221-1
G102	Behind instrument cluster	215-2
G104	RH rear wheel well	220-6

REAR SEAT ADJUSTMENT

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
Rear Seat Motor	Under rear seat	220-5
C124 (1 terminal)	RH side of driver's footwell	
C163 (2 terminal)	Under RH side of rear seat	220-3
G102	Behind instrument cluster	215-2

RH OUTSIDE MIRROR

		Page-Figure
Fuse Box	LH rear corner of engine compartment	203-2
G102	Behind instrument cluster	215-2

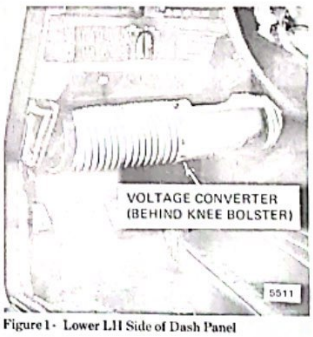


Figure 1 - Lower LH Side of Dash Panel

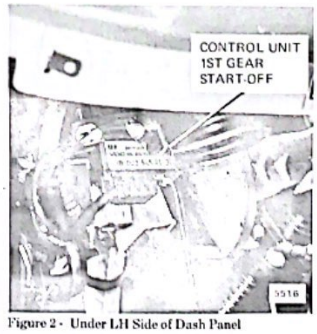


Figure 2 - Under LH Side of Dash Panel

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COMPONENT LOCATIONS

SEAT BACKREST LOCKING SYSTEM

		Page-Figure
Anti Theft Alarm Control Unit	Front of passenger's footwell	219-1
Door Switches	In each door jamb	219-4
Fuse Box	LH rear corner of engine compartment	203-2
Parking Brake Switch	On parking brake support	
Switchover Valve	LH side of driver's footwell	214-2
Warning Module	LH side of driver's footwell	214-2
G102	Behind instrument cluster	215-2

SEATBELT EXTENDERS

		Page-Figure
Door Switches	In each door jamb	219-4
Extender Motors	Behind rear panels in passenger compartment	221-2
Fuse Box	LH rear corner of engine compartment	203-2
Limit Switches	On extender arm, behind rear side panels	221-2
Seatbelt Modules	Behind LH and RH rear side panels	221-4
Seatbelt Switches	Part of seatbelt buckles	
Seatbelt Warning Relay	LH side of driver's footwell	
C104 (14 pin)	LH side of driver's footwell	214-2
C171 (8 pin)	Behind LH rear side panel	221-4
C172 (8 pin)	Behind RH rear side panel	221-4
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6

START/COLD START

		Page-Figure
Battery	RH rear corner of engine compartment	
Cold Start Valve	Top RH front of engine	203-1
Fuse Box	LH rear corner of engine compartment	203-2
Idle Speed Control Unit	Rear center of engine compartment	202-4
Ignition Switch	In dash panel, right of steering column	212-2
Starter Assembly	Lower RH rear of engine	
Starter Lockout/Backup Light Switch	LH side of transmission	210-1
Thermo-Time Switch	Top front of engine	206-4
C105 (2 terminal)	RH front wheel well	209-3
C146 (6 pin)	RH side of driver's footwell	205-1

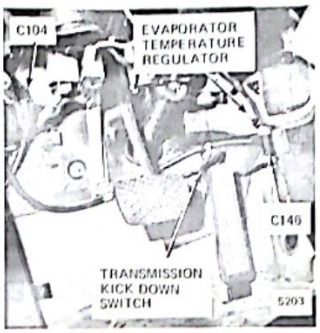


Figure 1 - Driver's Footwell Area

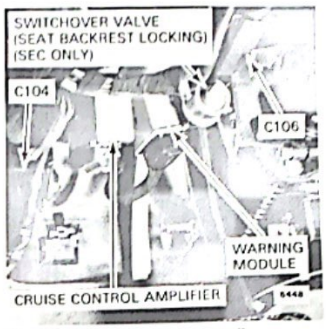


Figure 2 - LH Side of Driver's Footwell

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COMPONENT LOCATIONS

STOPLIGHTS/BACKUP LIGHTS/CRUISE CONTROL

		Page-Figure
Brake Switch	Top of brake pedal support	
Cruise Control Actuator	RH front of engine	207-2
Cruise Control Amplifier	LH side of driver's footwell	214-2
Fuse Box	LH rear corner of engine compartment	203-2
C104 (14 pin)	LH side of driver's footwell	214-2
C140 (6 pin)	Behind LH side of dash panel, at base of steering column	
C164 (8 pin)	RH front wheel well	207-2
C176 (1 pin)	Behind instrument cluster	216-1
C190 (1 terminal)	Behind instrument cluster	216-2
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6

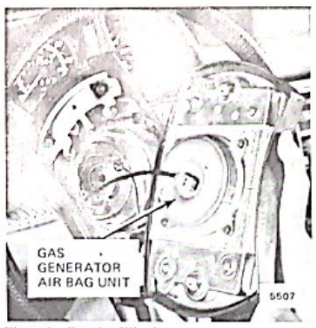


Figure 3 - Steering Wheel

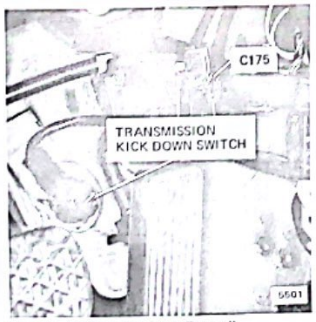


Figure 1 - RH Side of Driver's Footwell

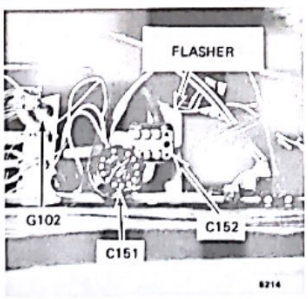


Figure 2 - Behind Instrument Cluster

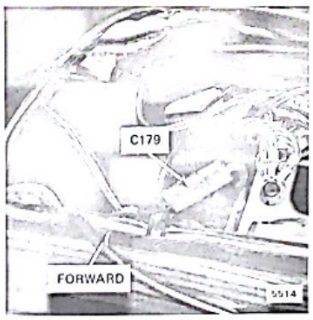


Figure 4 - Behind Instrument Cluster

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COMPONENT LOCATIONS

SUPPLEMENTAL RESTRAINT SYSTEM

		Page-Figure
Energy Accumulator	Behind RH front footrest	
Fuse Box	LH rear corner of engine compartment	203-2
Gas Generator Air Bag Unit	Behind steering wheel insert	215-3
Gas Generator Emergency Tensioning Retractor	In base of door pillars	219-2
Ignition Switch	In dash panel, right of steering column	212-2
Sensor/Control Unit	Below front of console	218-1
Slip Ring Assembly	Underside of steering wheel	
Voltage Converter	Behind LH side of dash panel	213-1
C178 (10 pin)	In passenger's footwell area	
C179 (2 pin)	Behind instrument cluster	215-4
G102	Behind instrument cluster	215-2

TRUNK LIGHT/REAR CIGAR LIGHTERS

		Page-Figure
Antenna Motor/Control	LH rear wheel well	221-1
Antenna Motor/Relay	LH rear wheel well	221-1
Fuse Box	LH rear corner of engine compartment	203-2
C104 (14 pin)	LH side of driver's footwell	214-2
C135 (6 pin)	Above LH rear wheel well	221-1
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6

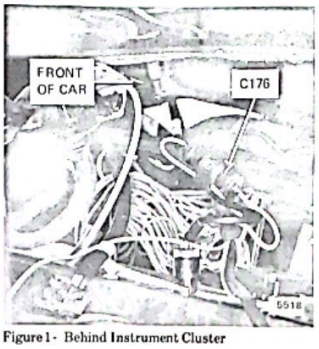


Figure 1 - Behind Instrument Cluster

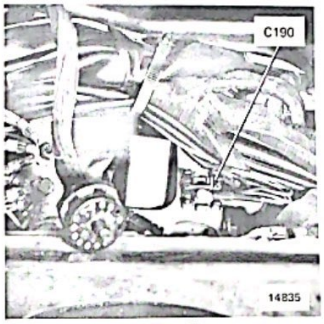


Figure 2 - Behind Instrument Cluster

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COMPONENT LOCATIONS

TURN SIGNAL/HAZARD LIGHTS

		Page-Figure
Combination Switch	Top LH side of steering column	
Flasher	Behind instrument cluster	215-2
Fuse Box	LH rear corner of engine compartment	203-2
C104 (14 pin)	LH side of driver's footwell	214-2
C106 (14 pin)	LH side of driver's footwell	214-2
C141 (4 pin)	Behind LH headlights	201-2
C142 (4 pin)	Behind RH headlights	
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G104	RH rear wheel well	220-6

WARNING INDICATORS/GAUGES/CLOCK/

		Page-Figure
Brake Wear Sensors	In front brake pads	212-1
Coolant Temperature Sender	Top front of engine	203-1
Diagnostic Socket	LH front wheel well	206-2
Fuel Gauge Sender	Under first aid kit tray	
Fuse Box	LH rear corner of engine compartment	203-2
Ignition Switching Unit	LH front wheel well	206-2
Impulse Transmitter	Rear of LH side of transmission	210-1
Oil Pressure Sender	Lower LH rear of engine	202-2
Outside Air Temperature Sensor	Behind front license bracket	
C104 (14 pin)	LH side of driver's footwell	214-2
C116 (1 terminal)	LH front wheel well	206-2
C131 (2 pin)	RH side of fuse box	207-1
C132 (2 pin)	Top of RH front wheel well	204-2
C146 (6 pin)	RH side of driver's footwell	214-1
C177 (2 pin)	LH rear corner of engine compartment, under fuse box	207-3
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1
G106	LH front wheel well	206-2

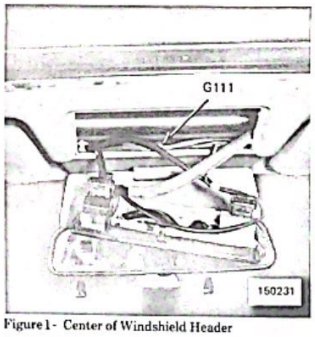


Figure 1 - Center of Windshield Header

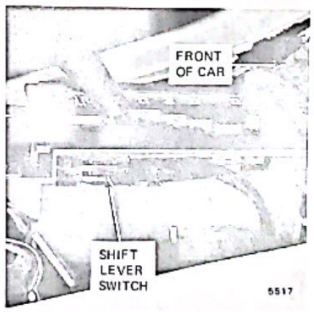


Figure 2 - RH Side of Shifter Assembly

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COMPONENT LOCATIONS

WARNING SYSTEM

		Page-Figure
Brake Fluid Level Switches	LH rear corner of engine compartment, at brake fluid reservoir	203-2
Door Switches	In each door jamb	219-4
Driver's Seatbelt Switch	In driver's seatbelt buckle	
Fuse Box	LH rear corner of engine compartment	203-2
Key Warning Switch	Part of ignition switch	212-2
Limit Switches	On extender arm, behind rear side panels	221-2
Parking Brake Switch	On parking brake support	
Seatbelt Modules	Behind LH and RH rear side panels	221-4
Seatbelt Warning Relay	LH side of driver's footwell	
Warning Module	LH side of driver's footwell	214-2
C104 (14 pin)	LH side of driver's footwell	214-2
C131 (2 pin)	RH side of fuse box	207-1
C156 (1 pin)	Behind LH front door switch	
C166 (2 pin)	Under driver's seat	
C171 (8 pin)	Behind LH rear side panel	221-4
C200 (4 pin)	At LH kick panel	
G102	Behind instrument cluster	215-2
G103	LH rear wheel well	221-1

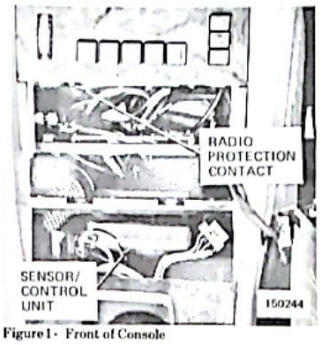


Figure 1 - Front of Console

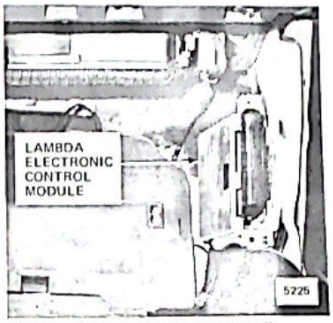


Figure 2 - RH Side of Passenger's Footwell

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COMPONENT LOCATIONS

WIPER/WASHER

		Page-Figure
Brake Wear Sensors	In front brake pads	212-1
Combination Switch	Top LH side of steering column	
Fuse Box	LH rear corner of engine compartment	203-2
Washer Jet Heaters	In water jets, rear center of hood	210-2
Washer Motor	In washer fluid reservoir	
Wiper Motor	In center of fresh air duct	202-3
C106 (14 pin)	LH side of driver's footwell	214-2
C112 (6 pin)	To right of power brake booster	202-3
C132 (2 pin)	Top of RH front wheel well	204-2
G101	On radiator support, near RH headlights	206-1
G102	Behind instrument cluster	215-2

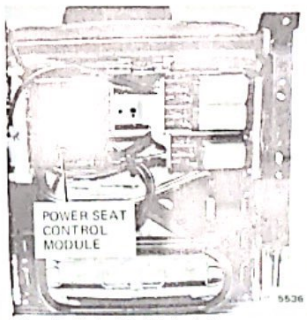


Figure 3 - Underside of Driver's Seat

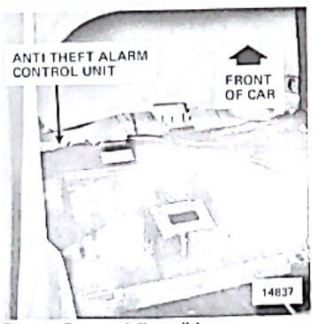


Figure 1 - Passenger's Footwell Area

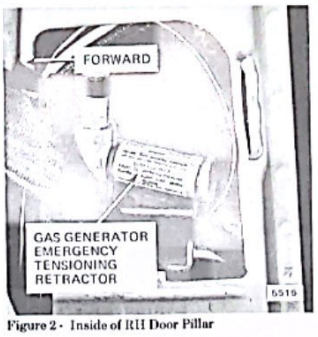


Figure 2 - Inside of RH Door Pillar

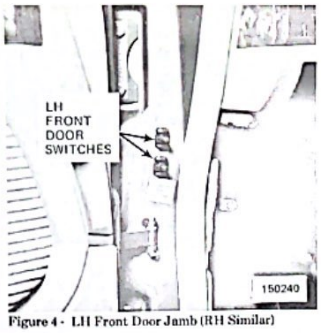


Figure 4 - LH Front Door Jamb (RH Similar)

126.032/.033/.037/.043/.044

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REVISIONS:

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COMPONENT LOCATIONS

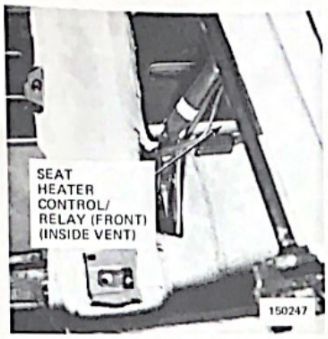


Figure 1 - Below Driver's Seat

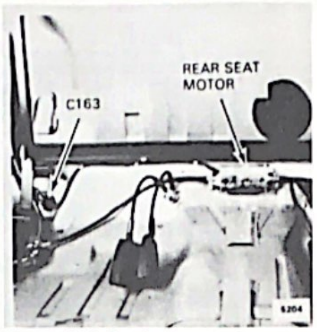


Figure 3 - Under Rear Seat

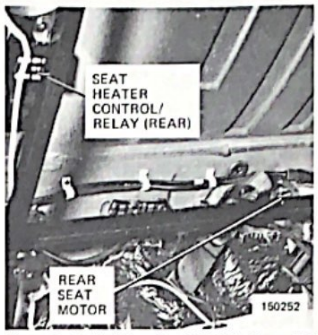


Figure 5 - Behind Rear Seat (RH Side Shown, LH Similar)

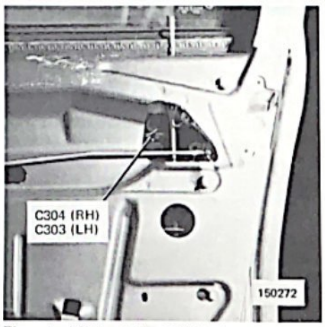


Figure 2 - RH Front Door (LH Similar)

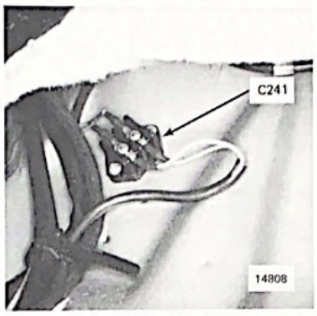


Figure 4 - Under RH Side of Rear Seat

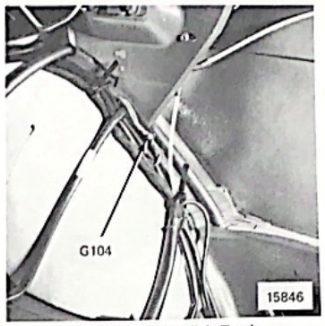


Figure 6 - RH Rear Wheel Well, in Trunk

REVISIONS:

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COMPONENT LOCATIONS

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126.032/.033/.037/.043/.044

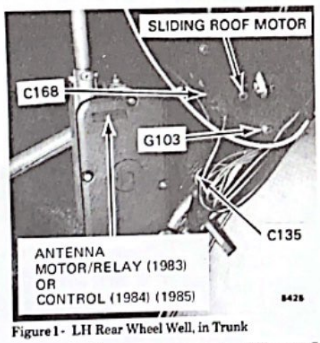


Figure 1 - LH Rear Wheel Well, in Trunk

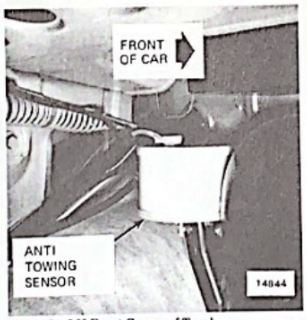


Figure 3 - LH Front Corner of Trunk

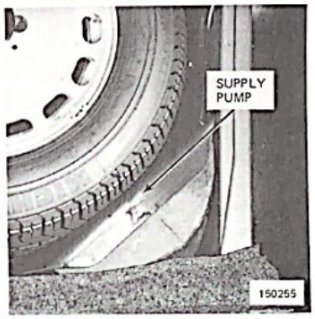


Figure 5 - Bottom of Trunk

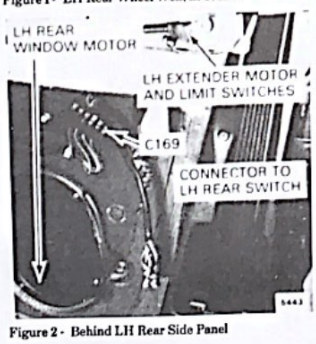


Figure 2 - Behind LH Rear Side Panel

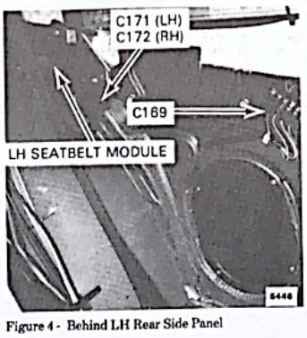


Figure 4 - Behind LH Rear Side Panel

REVISIONS:

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