



1983

BMW 633CSi

Electrical

Troubleshooting

Manual

BMW of North America, Inc.
Montvale, New Jersey

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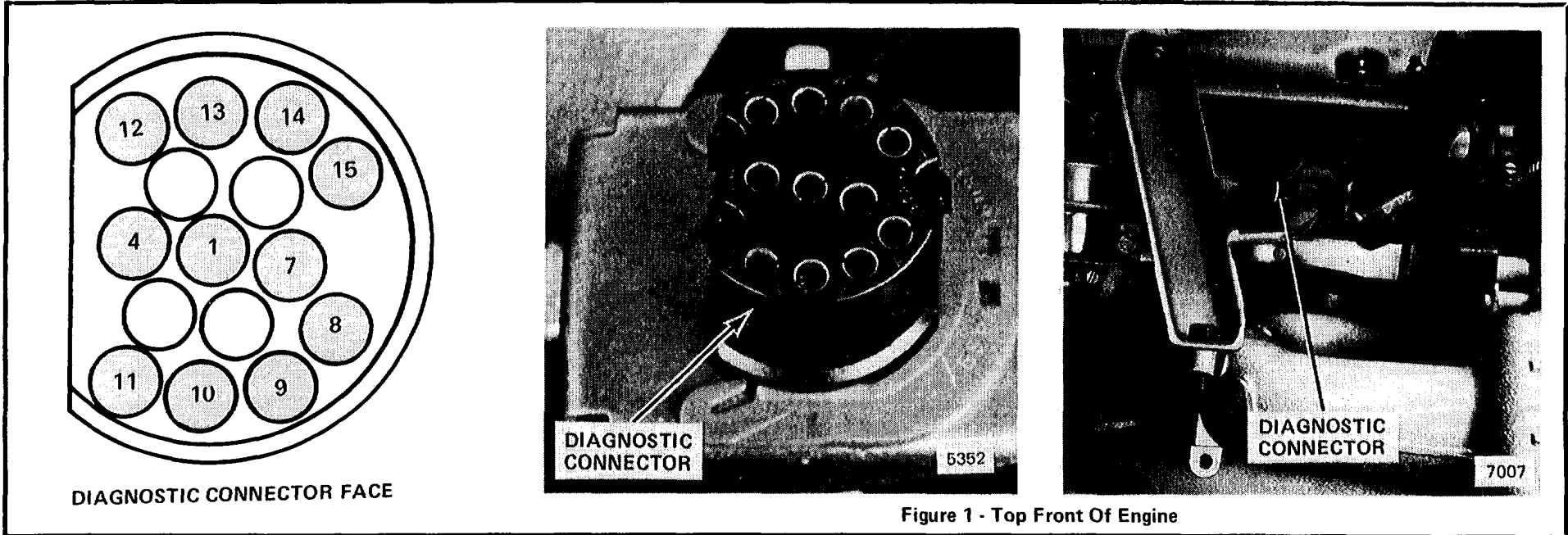
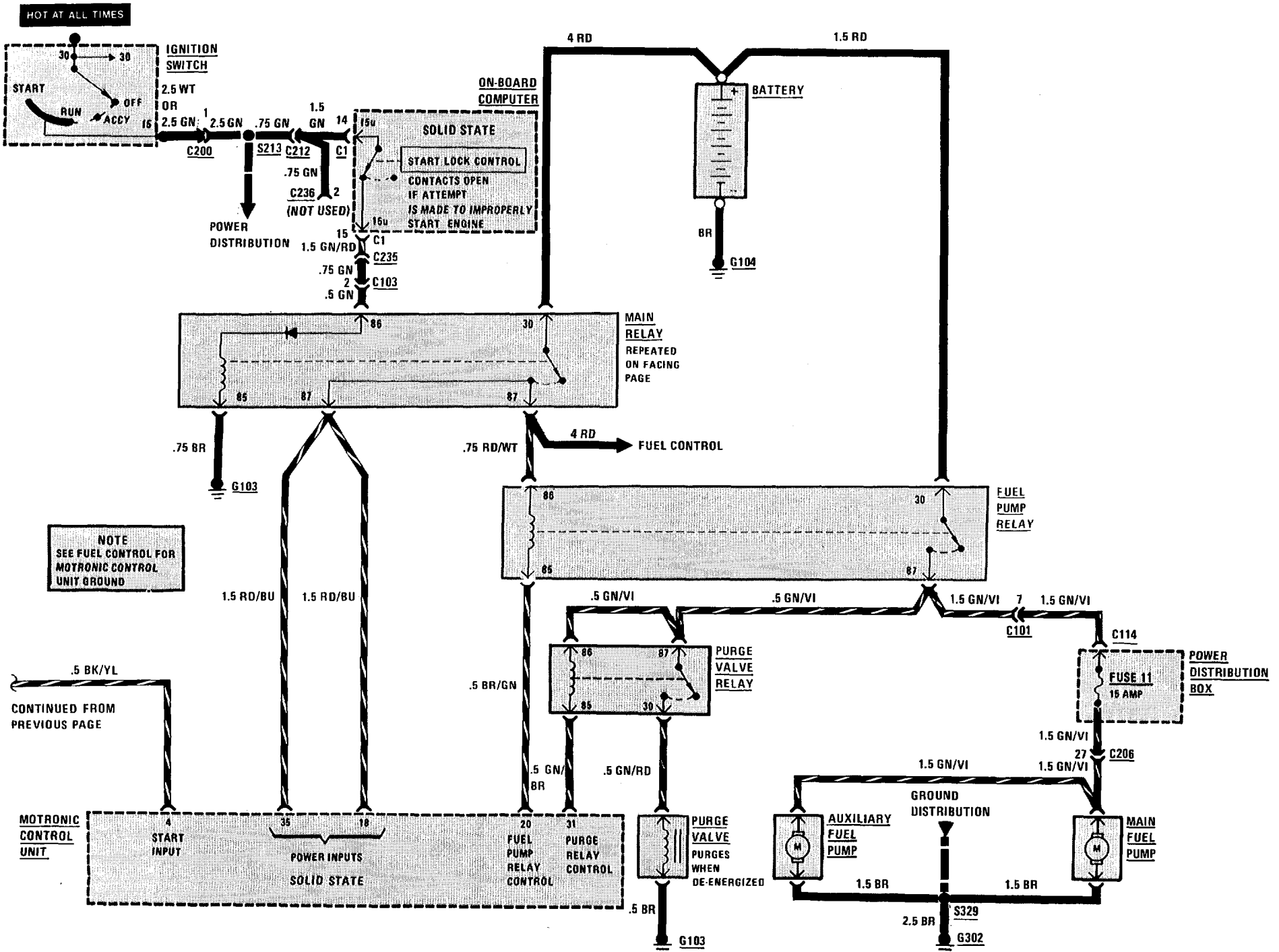


Figure 1 - Top Front Of Engine

PIN	WIRE SIZE	WIRE COLOR	CIRCUIT AND COMPONENT CONNECTED
1	1.5	BR	Ground Distribution, G103
4	.5	BR/WT	Gauges/Warning Indicators, Coolant Temperature Sender.
7	.5	WT/BU	Service Interval Indicator, Service Interval Processor (Reset).
8	.5	YL	Ignition, TDC Sensor.
9		SHIELD	Ignition, TDC Sensor.
10	.5	BK	Ignition, TDC Sensor.
11	2.5	BK/YL	Start, Start Signal.
12	.75	BU	Charge System, Alternator.
13	.75	BK	Ignition, Ignition Coil.
14	2.5	RD	Charge System, Alternator.
15	1.5	GN/YL	Idle Speed Control, Idle Speed Control Unit.

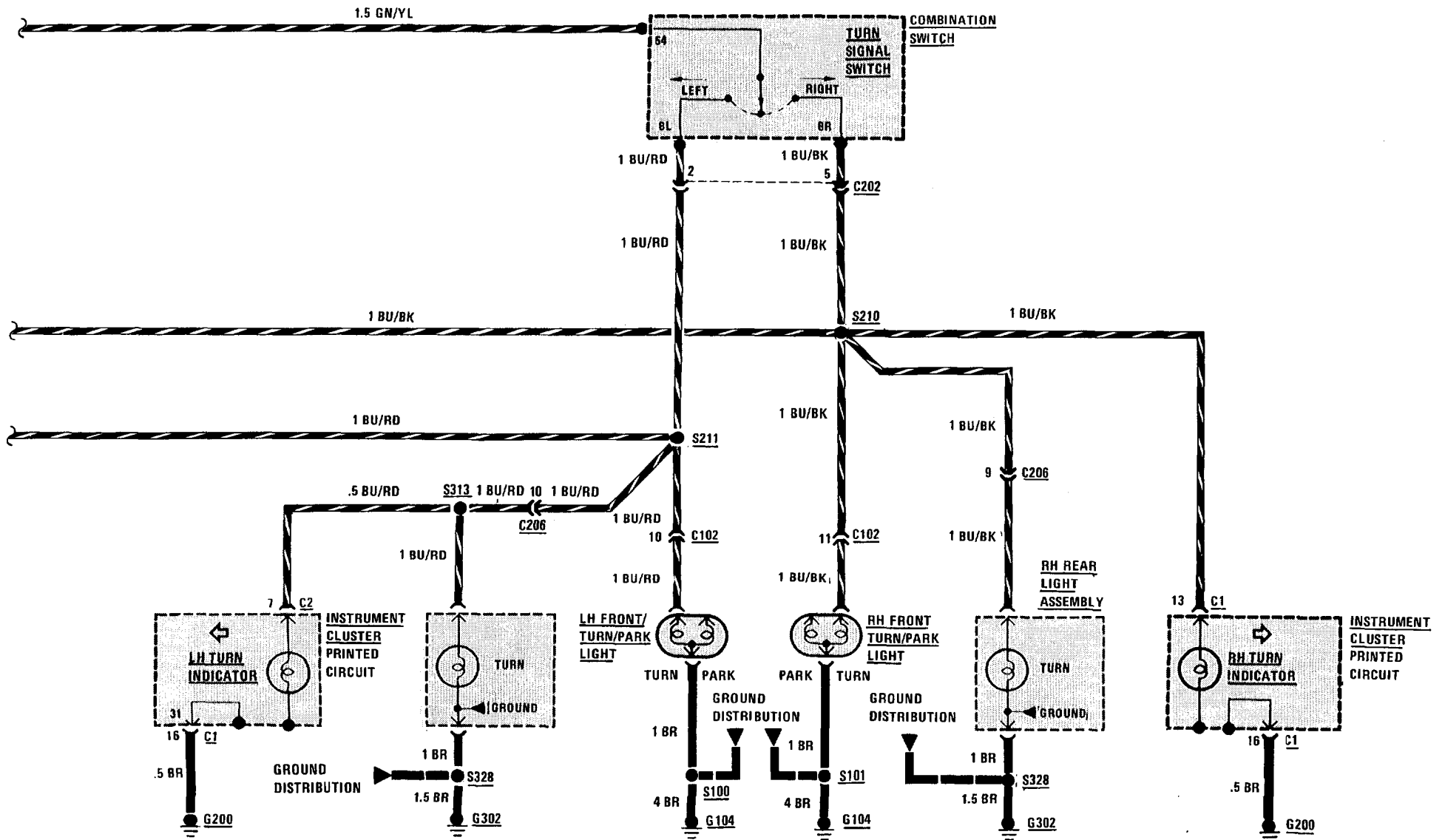
FUEL DELIVERY/EVAPORATIVE CONTROL 111

(For Component Locations See Page 203)



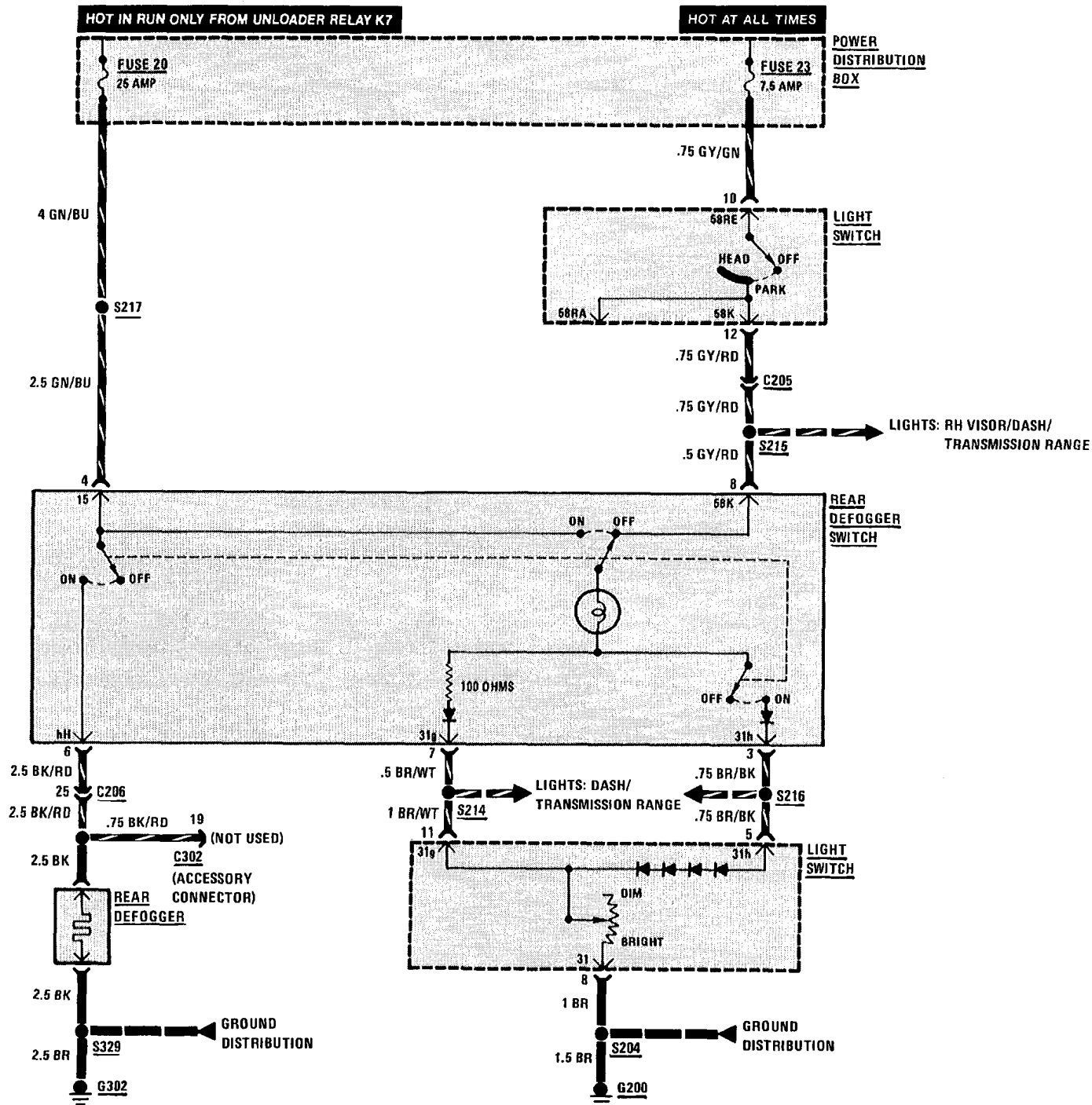
LIGHTS: TURN/HAZARD WARNING 131

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REAR DEFOGGER 141

(For Component Locations See Page 210)



FUEL CONTROL

Air Flow Meter.....	Top right side of engine	205-1
Main Relay	On right side of power distribution box	102-1
Motronic Control Unit	Under right side of dash, above glove box.....	211-2
Oxygen Sensor	Rear of engine, in exhaust manifold.....	204-2
G103 (Engine Ground).....	Top rear of engine	205-1

FUEL DELIVERY/EVAPORATIVE CONTROL

Auxiliary Fuel Pump	Under trunk, top right side of fuel tank	
Fuel Pump Relay	On right side of power distribution box	102-1
Ignition Switch.....	In upper part of steering column	
Main Fuel Pump	Under car, ahead of left rear axle	
Main Relay	On right side of power distribution box ..	102-1
Motronic Control Unit	Under right side of dash, above glove box.....	211-2
On-Board Computer	Under left dash, on dash frame.....	203-2
Power Distribution Box	Top front of left front wheel well	102-1
Purge Valve	On right inner fender, behind headlights	206-2
Purge Valve Relay.....	On right side of power distribution box	102-1
C101 (17 pin).....	On right side of power distribution box	204-1
C103 (3 pin)	Under right side of dash, above glove box.....	212-1
C200 (10 pin).....	Under LH dash, on LH side of steering column	214-1
C206 (29 pin).....	Under LH dash, on body electrical bracket.....	157-1
C212 (1 pin)	Left side of dash, behind instrument cluster	
C235 (1 pin)	Left side of dash, behind instrument cluster	
C236 (2 pin)	Under left side of dash, on-board computer	
G103 (Engine Ground).....	Top rear of engine	205-1
G104 (Main Body Ground)....	left fender, behind headlights.....	201-1
G302 (Rear Interior Ground) ..	Under left rear seat	212-2

HEADLIGHTS (CONTROL/POWER)/FOG LIGHTS (CONTROL/POWER)

Combination Switch	On LH side of steering column	
Flasher.....	Upper left side of steering column	
Power Distribution Box	Top front of left front wheel well	102-1
C102 (12 pin).....	In power distribution box	
C126 (2 pin)	Behind left side of front spoiler	
C127 (2 pin)	Behind right side of front spoiler	
C202 (13 pin).....	Under LH dash, on LH side of steering column	214-1
G104 (Main Body Ground)....	Left fender, behind headlights	201-1
G200 (Front Interior Ground) ..	On dash frame, left of steering column.....	203-2
G201 (Column Ground).....	Upper left side of steering column	

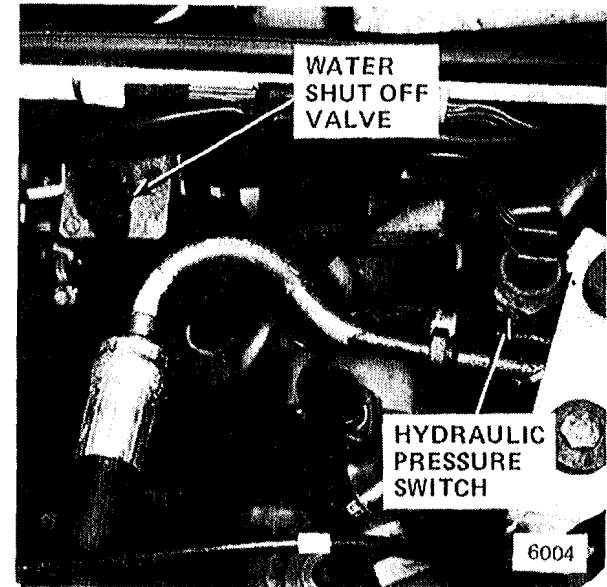


Figure 1 - Left Rear Corner Of Engine Compartment

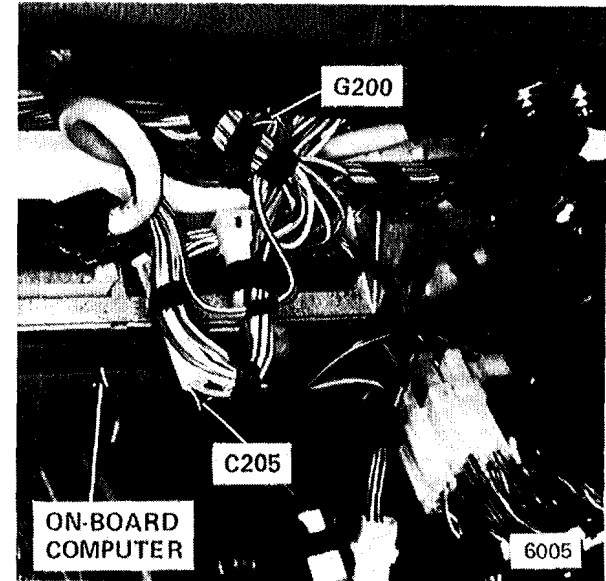


Figure 2 - Under Dash, Left Of Steering Column

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