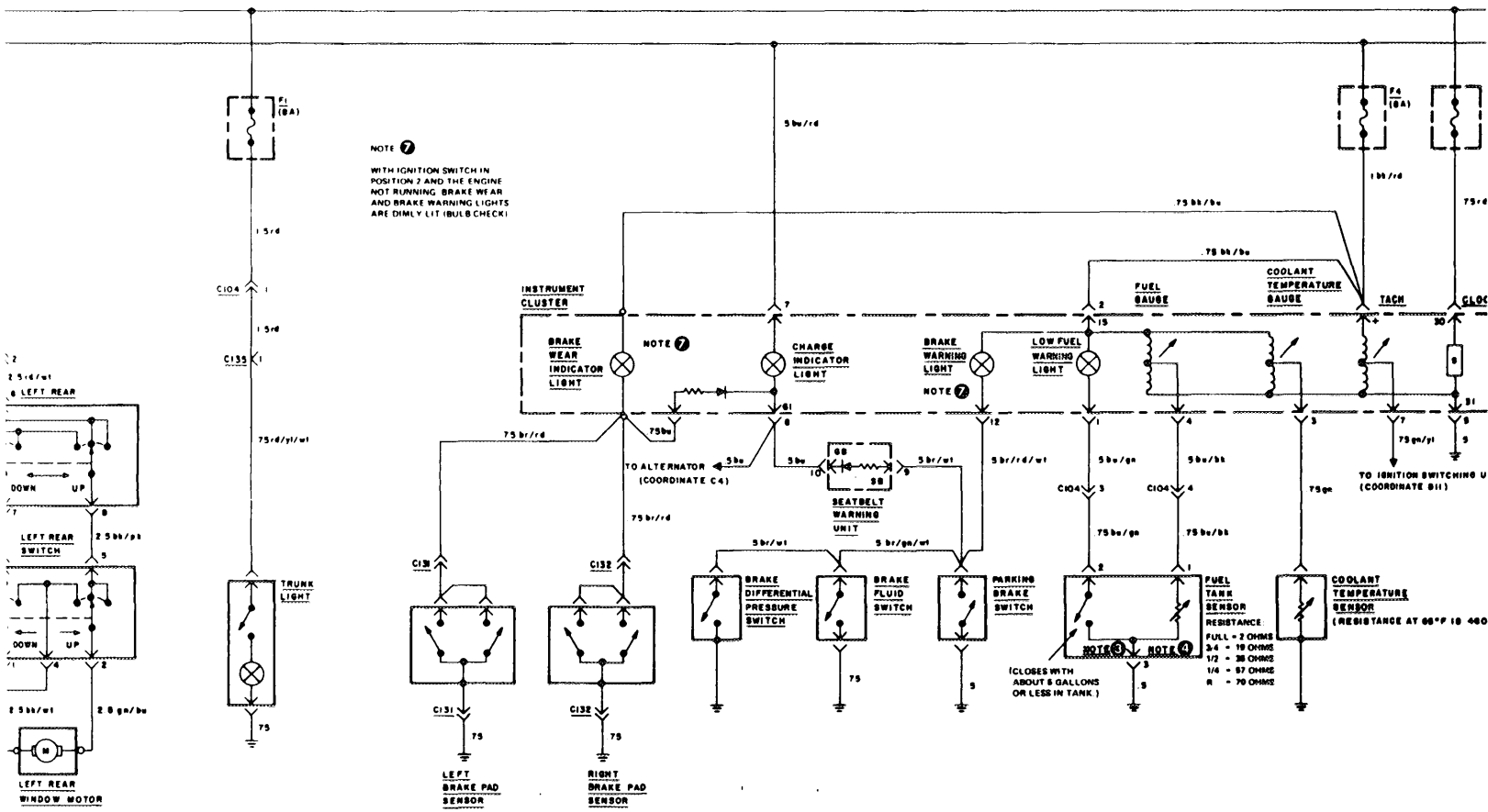
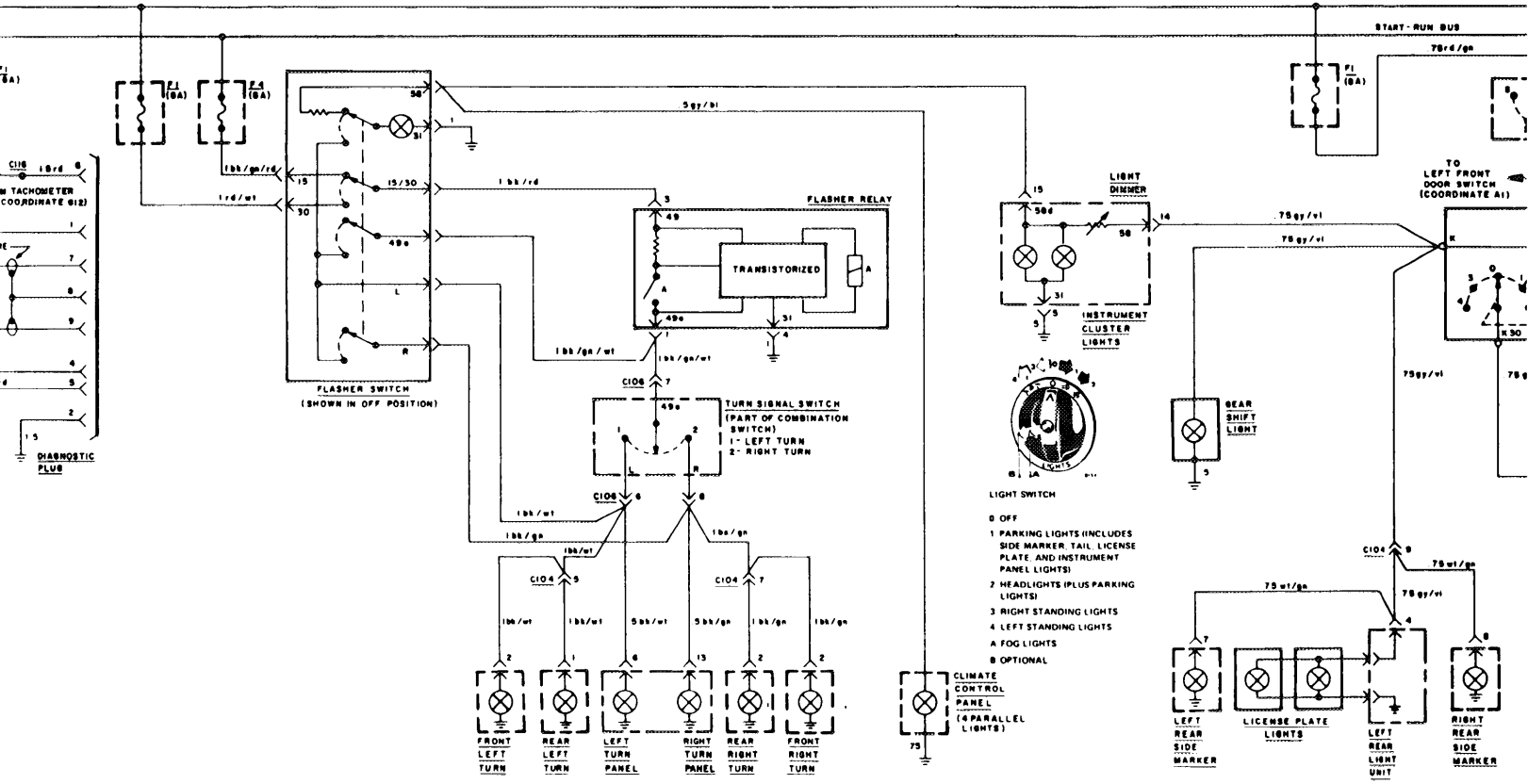


7 8 9 10 11 12





12 | 13 | 14 | 15 | 16 | 17

COMPONENT INDEX

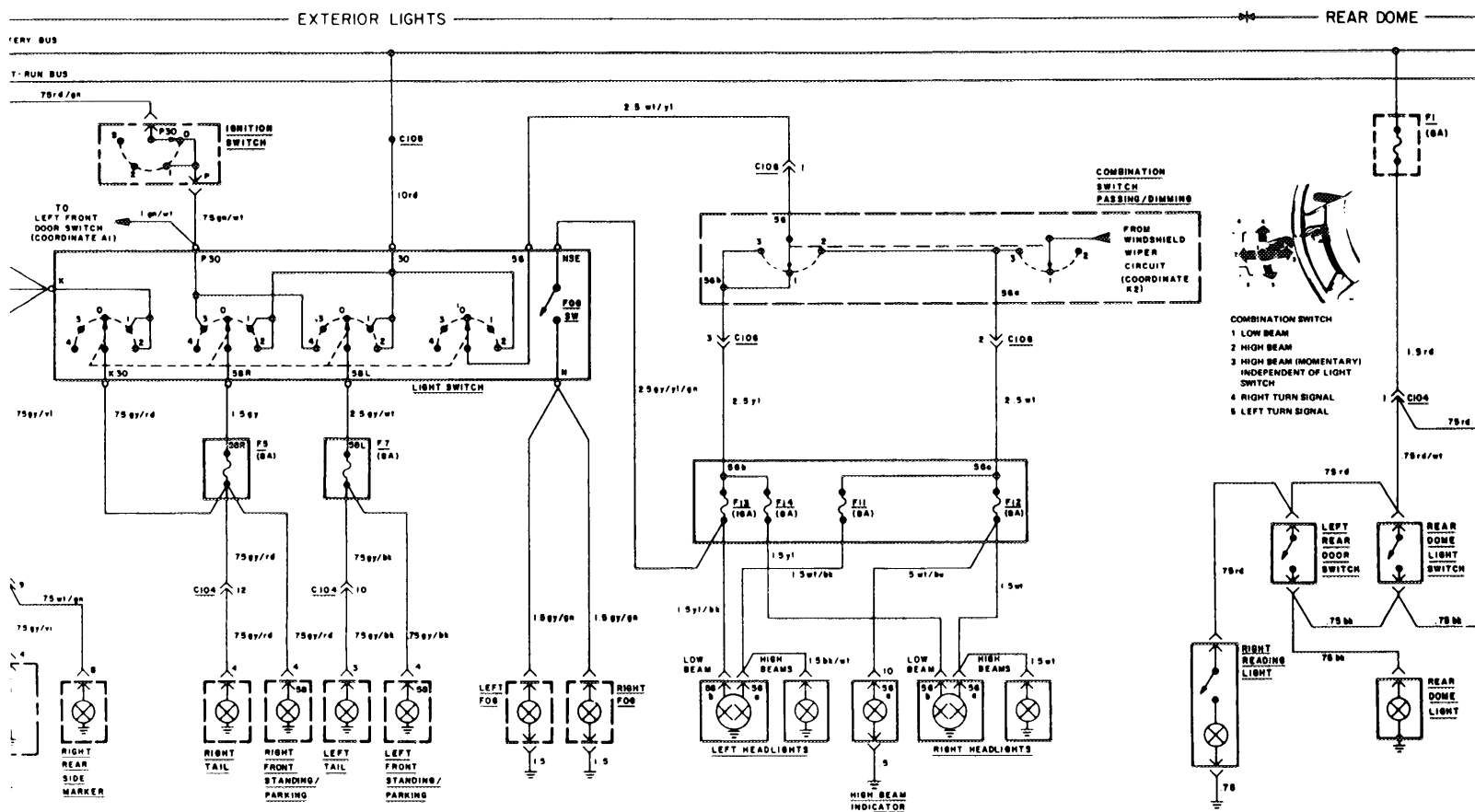
SYSTEM / COMPONENT	LOCATION ON VEHICLE	LOC. FIG. NO.	TERM. FIG. NO.	SYSTEM / COMPONENT	LOCATION ON VEHICLE	LOC. FIG. NO.	TERM. FIG. NO.
<b>CHARGE</b> Regulator	Alternator			<b>TRUNK LIGHT</b> C 104 (12 pins)	Under dash, driver's side	1	T4
<b>ELECTRIC WINDOWS</b> Front seat switch Window relay (code 9) C 107 (6 pin) C 108 (2 pin)	Console Left kick panel Console Console	2	T8 T7 T2	<b>TURN SIGNAL AND FLASHER</b> Flasher relay C 104 (12 pins) C 106 (14 pins)	Under dash, driver's side Under dash, driver's side Under dash, driver's side	1 1	T4 T5
<b>HORNS</b> C 106 (14 pins)	Under dash, driver's side		T5				
<b>IGNITION SYSTEM</b> Coil Diagnostic plug Distributor .4 ohm resistor .6 ohm resistor Transistorized ignition switch unit C 116	Left inner fender Left inner fender Engine, top front Left inner fender Left inner fender Left inner fender	5 5 5 5 5					
<b>INTERIOR LIGHTS</b> Delay relay C 104 (12 pins)	Under dash, driver's side Under dash, driver's side		T13				
<b>LIGHT SWITCH</b> C 104 (12 pins) C 106 (14 pins)	Under dash, driver's side Under dash, driver's side	1	T4 T5				
<b>POWER ANTENNA</b> C 104 (12 pins) C 135 (8 pins)	Under dash, driver's side	1	T4 T2				
<b>SEAT BELT WARNING</b> Warning unit	Under dash, driver's side	1					
<b>SLIDING ROOF</b> Motor	Near left trunk hinge						
<b>START</b> A/C starter relay, code 4 Starter lockout switch C 106 (3 pins)	Fuse box Under battery plate	4	T7				



Fi  
1 - Cruise control arm  
2 - Heated rear window  
3 - Seatbelt warning unit  
4 - C 104



Fi  
5 - Change-over valve  
6 - Auxiliary fan relay  
8 - Auxiliary fan cut-off



LOCATION FIGURES

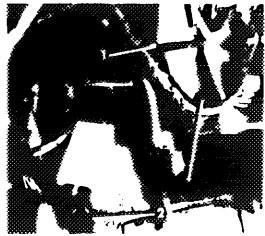


Fig 1  
1 - Cruise control amplifier  
2 - Heated rear window relay  
3 - Seatbelt warning unit  
4 - C104

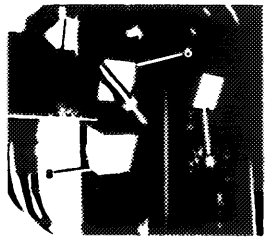


Fig 2  
5 - Change over valve relay  
6 - Auxiliary fan relay  
8 - Auxiliary fan cut out relay

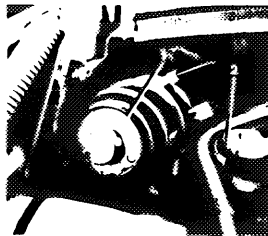


Fig 3  
1 - Throttle actuator  
2 - Auxiliary water pump

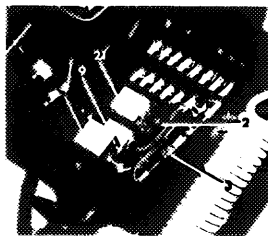


Fig 4  
1 - Radio fuse  
2 - Climate control amplifier fuse  
4 - A/C starter relay  
21 - Fuel pump relay

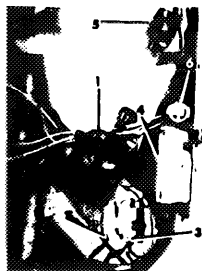


Fig 5  
1 - Ignition coil  
2 - 6 ohm resistor  
3 - 4 ohm resistor  
4 - Switching unit  
5 - Diagnostic plug  
6 - Ignition change over valve

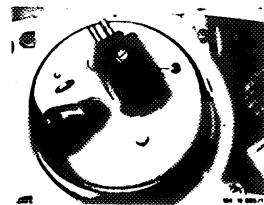


Fig 6  
Cruise control speed sensor

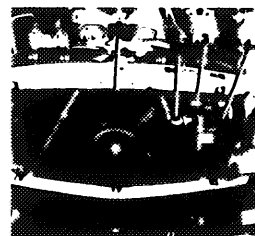
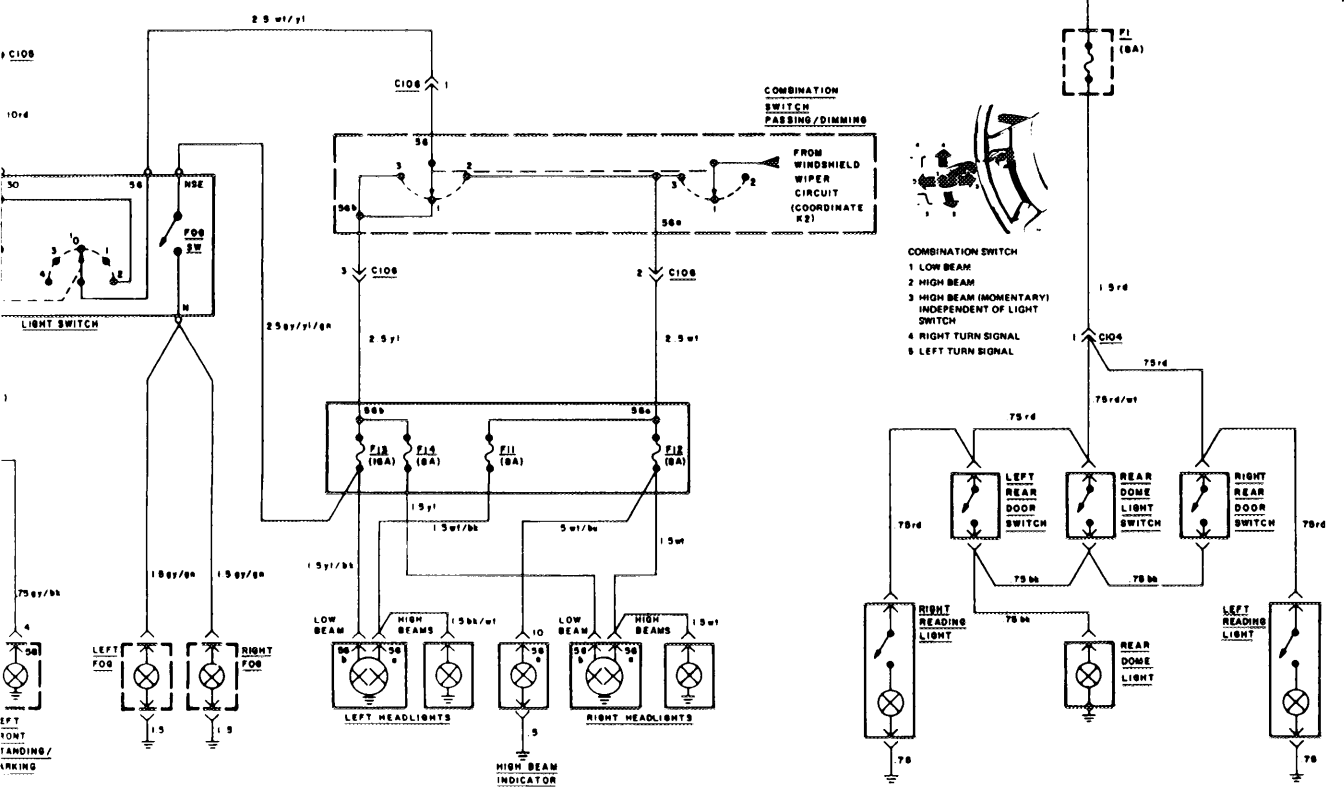


Fig 7  
1 - Auxiliary fan  
2 - Low pressure cut off switch  
3 - Temperature switch (144°F)  
4 - Receiver drier



Fig 8  
24 - ETR switch  
40 - Actuator for center outlet  
42 - Actuator for defroster outlets  
45 - Hose from in-car sensor to aspirator

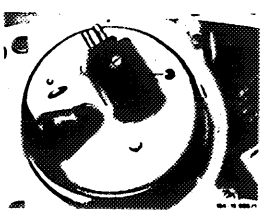
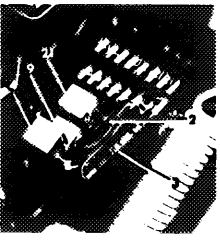
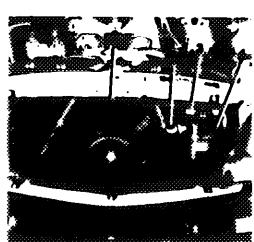
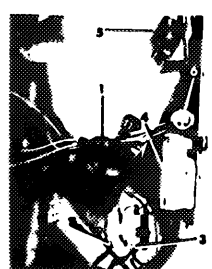
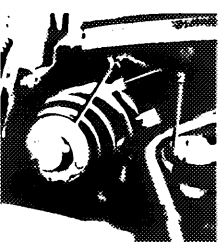
- AUXILIARY FAN
- CHARGE
- CIGAR LIGHTER
- CLIMATE CONTROL
- CLOCK
- COOLANT TEMPERA
- CRUISE CONTROL
- DIAGNOSTIC PLUG
- ELECTRIC WINDOWS
- ENGINE EMISSION CC
- FUEL GAUGE
- HEATED REAR WIND
- HEATED SEATS
- HORNS
- IGNITION SYSTEM
- INSTRUMENT CLUST
- KICKDOWN SOLENOI
- LIGHT CIRCUITS
- ASH TRAY
- BACKUP
- BRAKE
- BRAKE SYSTEM W/
- BRAKE WEAR
- CLIMATE CONTROL
- DOME (FRONT)
- DOME (REAR)
- FOG
- GLOVE BOX
- HEAD
- INSTRUMENT CLUS
- LOW FUEL WARNIN
- MARKER
- PARKING
- STANDING
- TAIL
- TRUNK
- POWER ANTENNA
- RADIO
- SEAT BELT WARNIN
- SLIDING ROOF
- START
- TURN SIGNAL/HAZA
- WINDSHIELD WIPER/
- POWER BUS DETAILS
- SPECIAL GROUNDING



- COMBINATION SWITCH
- 1 LOW BEAM
  - 2 HIGH BEAM
  - 3 HIGH BEAM (MOMENTARY) INDEPENDENT OF LIGHT SWITCH
  - 4 RIGHT TURN SIGNAL
  - 5 LEFT TURN SIGNAL

A  
B  
C  
D

LOCATION FIGURES



- Fig 3  
1 - Ignition coil  
2 - 6 ohm resistor  
3 - 4 ohm resistor  
4 - Switching unit  
5 - Diagnostic plug  
6 - Ignition change over valve

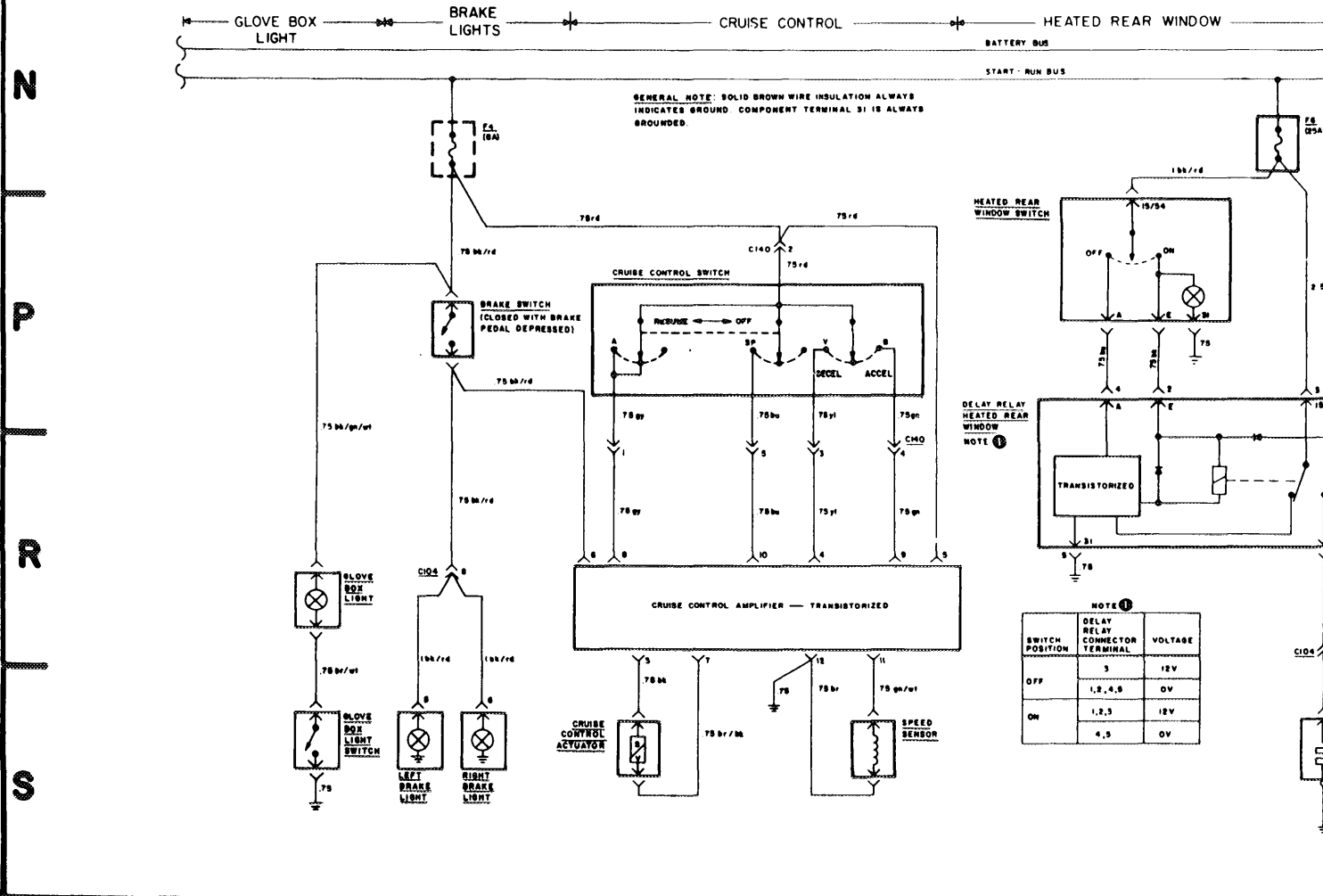
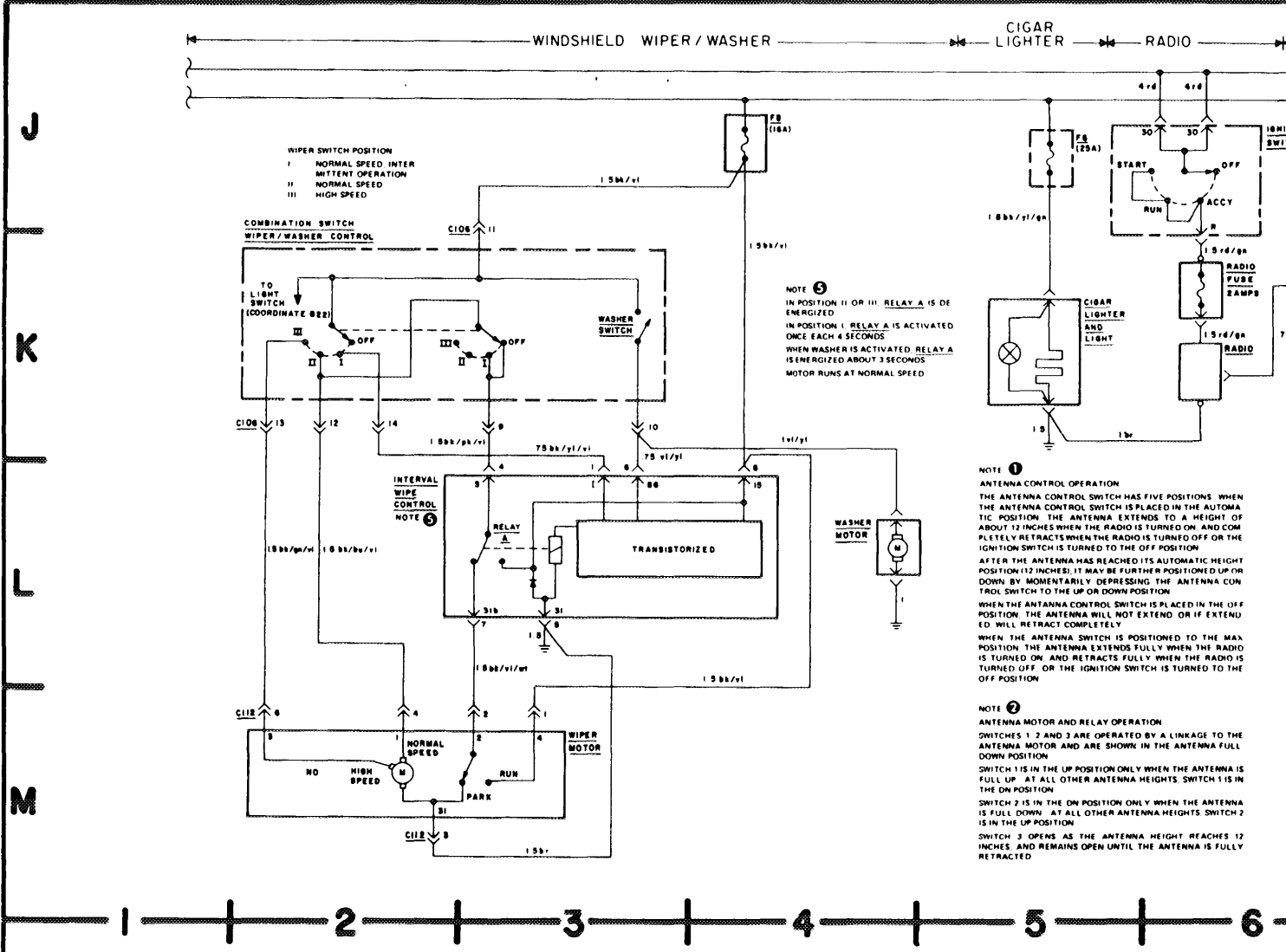
- Fig 7  
1 - Auxiliary fan  
2 - Low pressure cut off switch  
3 - Temperature switch (144°F)  
4 - Receiver drier

- Fig 4  
1 - 15A fuse  
2 - 10A fuse  
3 - 5A fuse  
4 - 20A fuse  
5 - 15A fuse  
6 - 10A fuse  
7 - 5A fuse  
8 - 20A fuse  
9 - 15A fuse  
10 - 10A fuse  
11 - 5A fuse  
12 - 20A fuse  
13 - 15A fuse  
14 - 10A fuse  
15 - 5A fuse  
16 - 20A fuse  
17 - 15A fuse  
18 - 10A fuse  
19 - 5A fuse  
20 - 20A fuse  
21 - 15A fuse  
22 - 10A fuse  
23 - 5A fuse  
24 - 20A fuse  
25 - 15A fuse  
26 - 10A fuse  
27 - 5A fuse  
28 - 20A fuse  
29 - 15A fuse  
30 - 10A fuse  
31 - 5A fuse  
32 - 20A fuse  
33 - 15A fuse  
34 - 10A fuse  
35 - 5A fuse  
36 - 20A fuse  
37 - 15A fuse  
38 - 10A fuse  
39 - 5A fuse  
40 - 20A fuse  
41 - 15A fuse  
42 - 10A fuse  
43 - 5A fuse  
44 - 20A fuse  
45 - 15A fuse  
46 - 10A fuse  
47 - 5A fuse  
48 - 20A fuse  
49 - 15A fuse  
50 - 10A fuse  
51 - 5A fuse  
52 - 20A fuse  
53 - 15A fuse  
54 - 10A fuse  
55 - 5A fuse  
56 - 20A fuse  
57 - 15A fuse  
58 - 10A fuse  
59 - 5A fuse  
60 - 20A fuse  
61 - 15A fuse  
62 - 10A fuse  
63 - 5A fuse  
64 - 20A fuse  
65 - 15A fuse  
66 - 10A fuse  
67 - 5A fuse  
68 - 20A fuse  
69 - 15A fuse  
70 - 10A fuse  
71 - 5A fuse  
72 - 20A fuse  
73 - 15A fuse  
74 - 10A fuse  
75 - 5A fuse  
76 - 20A fuse  
77 - 15A fuse  
78 - 10A fuse  
79 - 5A fuse  
80 - 20A fuse  
81 - 15A fuse  
82 - 10A fuse  
83 - 5A fuse  
84 - 20A fuse  
85 - 15A fuse  
86 - 10A fuse  
87 - 5A fuse  
88 - 20A fuse  
89 - 15A fuse  
90 - 10A fuse  
91 - 5A fuse  
92 - 20A fuse  
93 - 15A fuse  
94 - 10A fuse  
95 - 5A fuse  
96 - 20A fuse  
97 - 15A fuse  
98 - 10A fuse  
99 - 5A fuse  
100 - 20A fuse

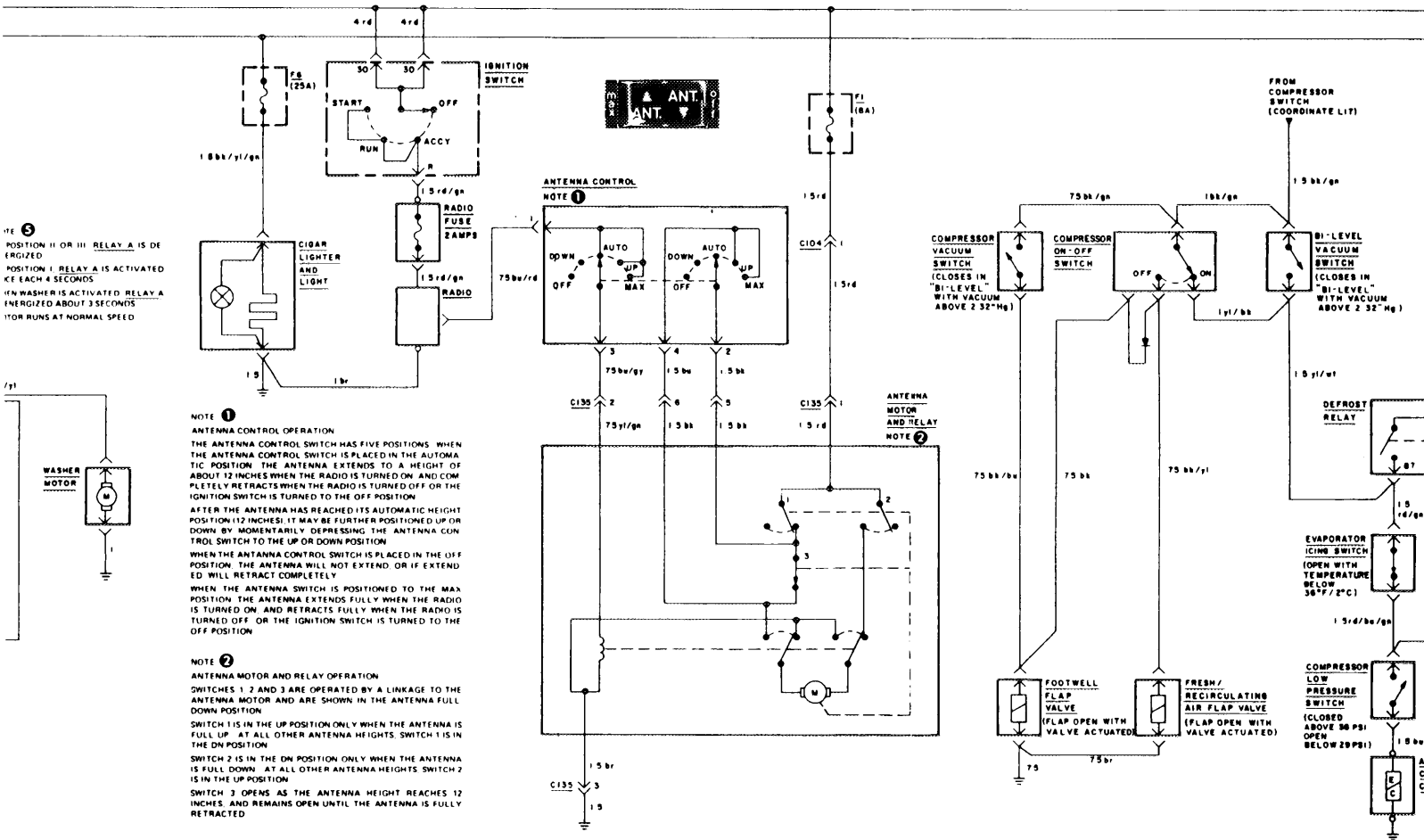
- Fig 8  
24 - ETR switch  
40 - Actuator for center outlet  
42 - Actuator for defroster outlets  
45 - Hose from in-car sensor to aspirator

1977 280SE

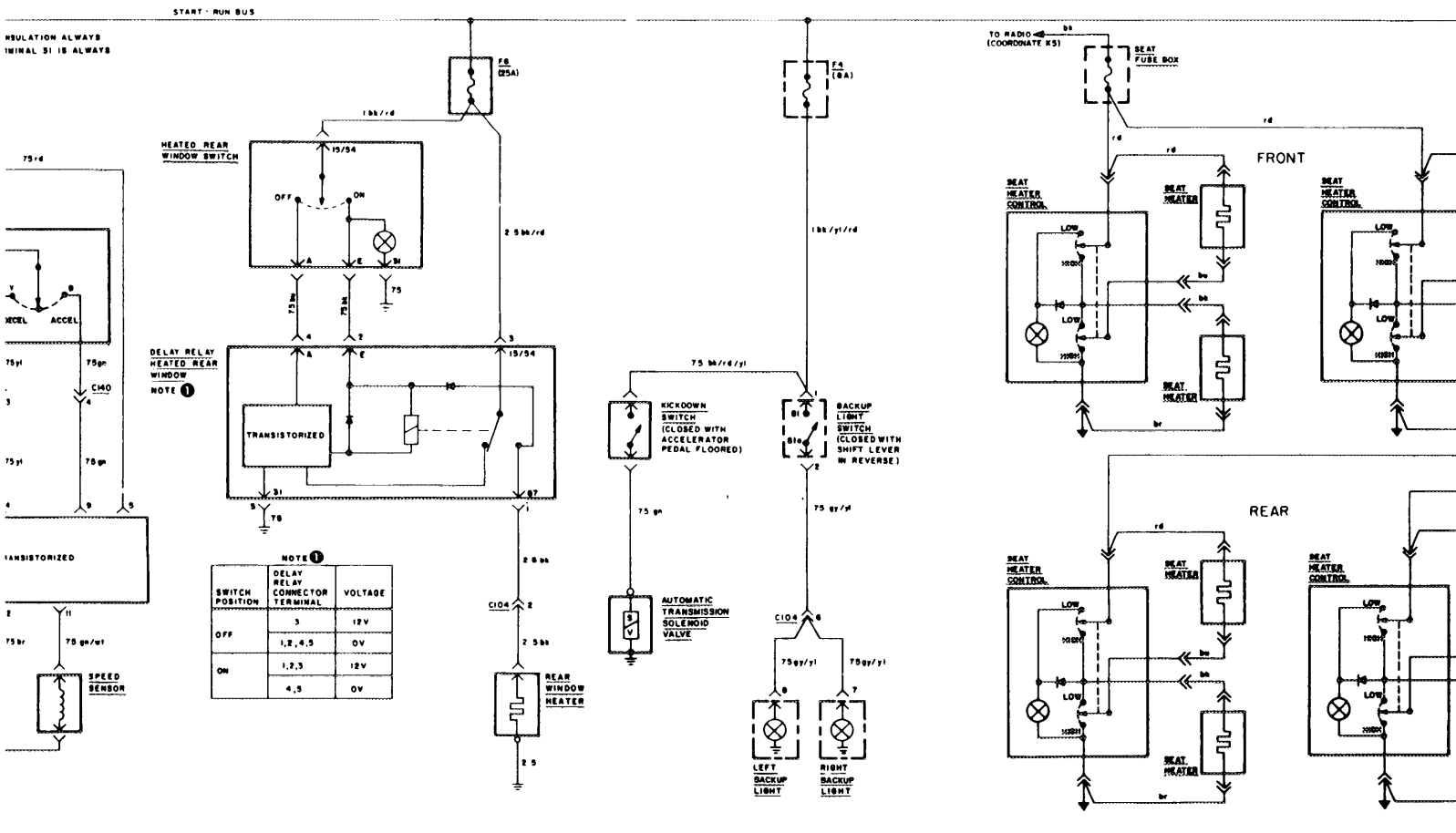
AUXILIARY FAN	J20
CHARGE	A6
CIGAR LIGHTER	J5
CLIMATE CONTROL	F12
CLOCK	F11
COOLANT TEMPERATURE GAUGE	F11
CRUISE CONTROL	N3
DIAGNOSTIC PLUG	B12
ELECTRIC WINDOWS	E4
ENGINE EMISSION CONTROL	A7
FUEL GAUGE	F11
HEATED REAR WINDOW	N5
HEATED SEATS	N9
HORNS	A4
IGNITION SYSTEM	A10
INSTRUMENT CLUSTER	E10
KICKDOWN SOLENOID	N6
LIGHT CIRCUITS	
ASH TRAY	K5
BACKUP	S7
BRAKE	N2
BRAKE SYSTEM WARNING	F10
BRAKE WEAR	F8
CLIMATE CONTROL	D15
DOVE (FRONT)	N12
DOVE (REAR)	D23
FOG	D20
GLOVE BOX	N1
HEAD	D21
INSTRUMENT CLUSTER	B16
LOW FUEL WARNING	F10
MARKER	D17
PARKING	D18
STANDING	D18
TAIL	D18
TRUNK	E7
POWER ANTENNA	J7
RADIO	J6
SEAT BELT WARNING	A1
SLIDING ROOF	E1
START	A6
TURN SIGNAL/HAZARD FLASHER	A13
WINDSHIELD WIPER/WASHER	J3
POWER BUS DETAILS	J21
SPECIAL GROUNDING CIRCUITS	J23

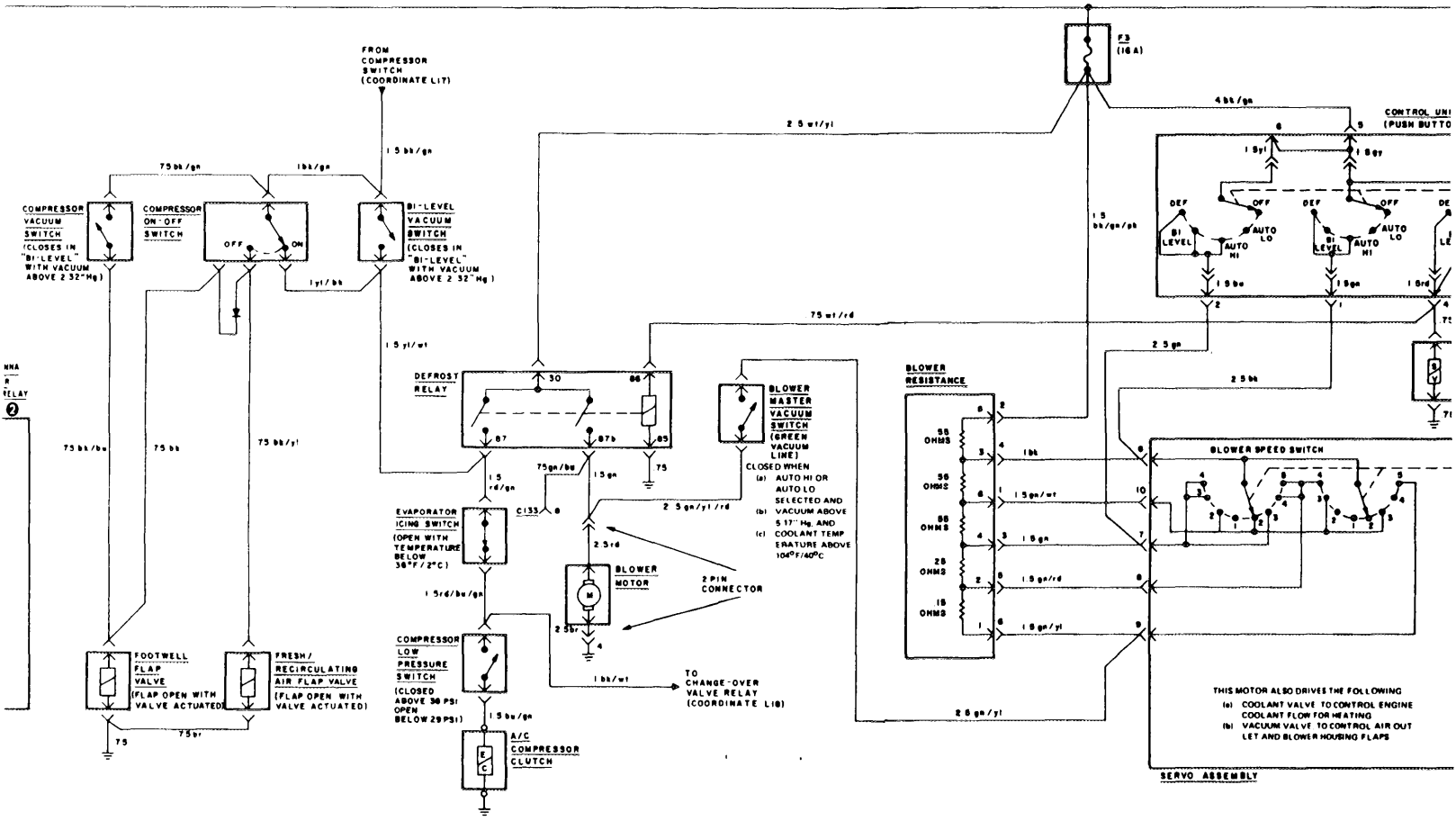


CIGAR LIGHTER RADIO POWER ANTENNA



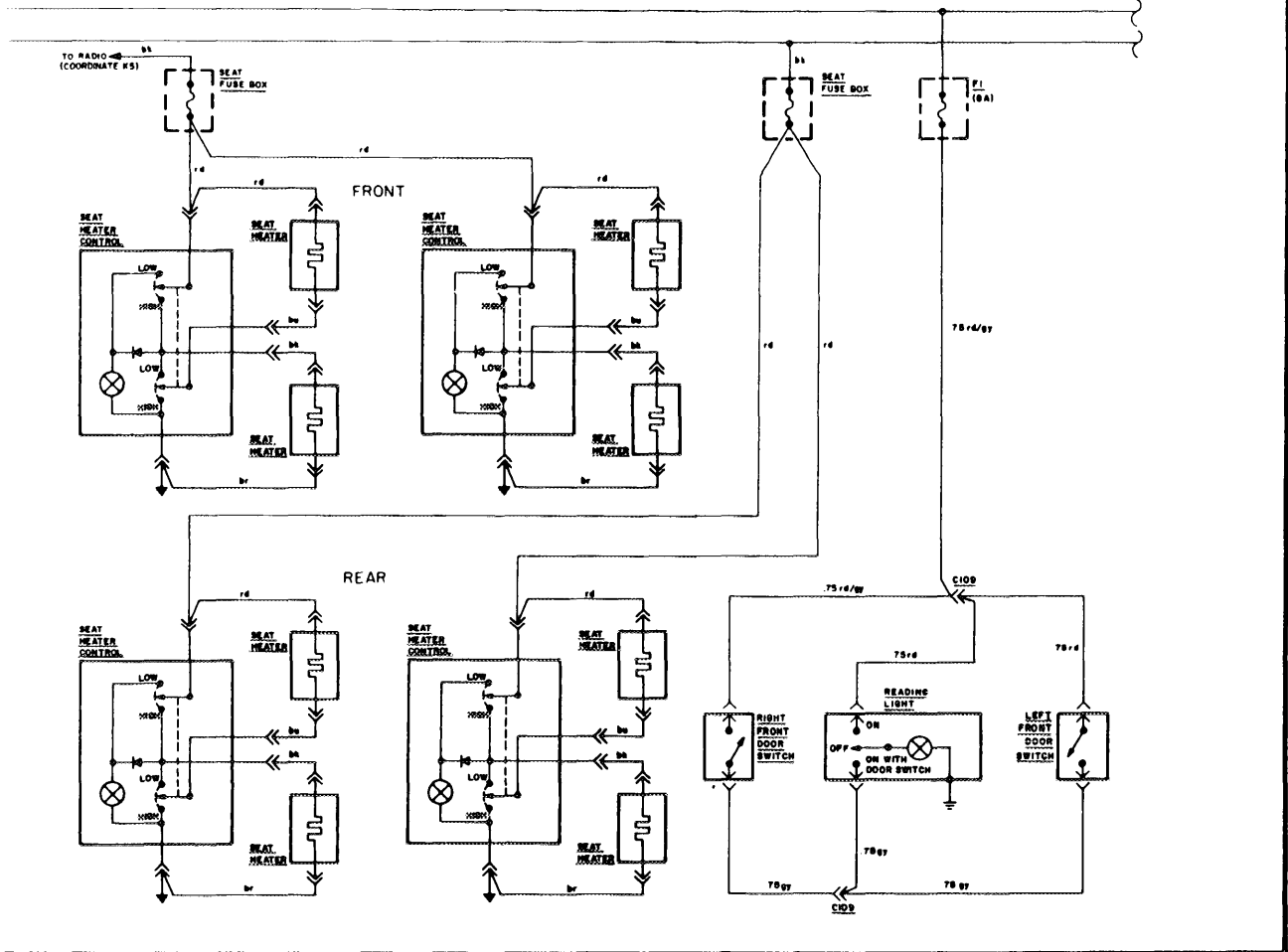
4 5 6 7 8 9 10  
BATTERY BUS HEATED REAR WINDOW KICKDOWN SOLENOID BACKUP LIGHTS HEATED SEATS





HEATED SEATS

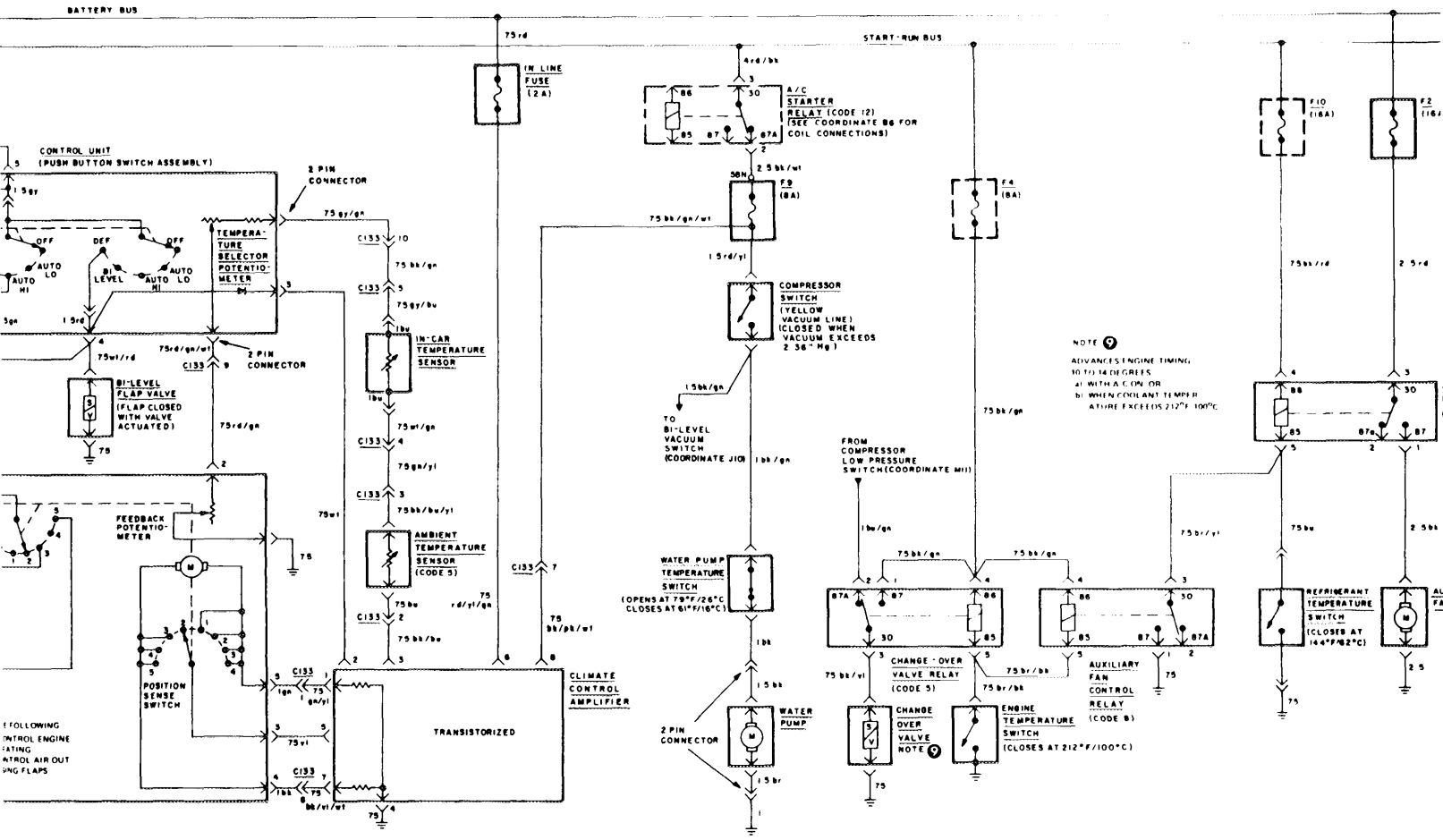
FRONT DOME



SYSTEM / COMPONENT

- AUXILIARY FAN**
- Auxiliary fan cut-out relay (code 6)
- Auxiliary fan relay (code 6)
- Change-over valve (yellow)
- Change-over valve relay (code 5)
- Engine temperature switch (212°F)
- Temperature switch (144°F) refrigerant
- BACKUP LIGHTS**
- Switch C 104 (12 pins)
- BRAKE LIGHTS**
- Switch C 104 (12 pins)
- CLIMATE CONTROL**
- A/C starter relay (code 4)
- Ambient temperature sensor
- Auxiliary water pump
- Auxiliary water pump temperature switch
- Bi-level flap valve
- Bi-level vacuum switch
- Blower master switch
- Blower motor
- Blower motor resistors
- Climate control amplifier
- Climate control amplifier
- Compressor switch
- Compressor vacuum switch
- Control panel
- Defrost relay
- ETR switch
- Fresh flap valve
- Fresh/recirculating air flap valve
- In-car temperature sensor
- Low pressure cut-out switch
- Servo control assembly
- Servo control assembly
- Water pump temperature switch C 133





NOTE ④  
 ADVANCES ENGINE TIMING,  
 10 TO 18 DEGREES  
 a) WITH A.C. ON OR  
 b) WHEN COOLANT TEMPER-  
 ATURE EXCEEDS 212°F/100°C



COMPONENT INDEX

SYSTEM / COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO	SYSTEM / COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO
AUXILIARY FAN	Left kick panel	2	T7	CRUISE CONTROL Amplifier	Under dash, driver's side	1	
	Left kick panel	2		Cruse control switch	Center console		
	Left kick panel	2	T7	Speed sensor	Under dash, driver's side	6	
	Thermostat housing			Throttle actuator	Right fender, near hood spring	3	
	Receiver drier	7		C 140 (5 pins)	Under dash, driver's side		
LIGHTS	Left side transmission			FUEL CONTROL			
				Cold start valve	Top front of engine	4	
LIGHTS	Top of brake pedal	1	T4	Fuel pump relay (code 21)	Fuse box		
	Under dash, driver's side			Thermostime switch (below 59°F)	Top center of engine		
CONTROL	Fuse box	4		Safety switch	Top right center of engine		
Temperature sensor	Inside plenum chamber in front of blower			Warmup/full load enrichment compensator	Upper right of engine		
Water pump	Right firewall	3	T3	GLOVE BOX LIGHT	Glove compartment		
Water pump	Right lower dash	19		Glove box switch			
Throttle switch	Behind center console	14		HEATED REAR WINDOW			
Check valve	Behind center console	14		Heated rear window delay relay	Under dash, driver's side	1	T14
Pump switch	Right lower dash	19		C 123	Behind rear seat, left side		
Water switch	Right lower dash	19		INSTRUMENT CLUSTER			
Water	Right firewall	13		Brake fluid switch	Brake fluid reservoir		
Water resistors	Behind glove box	19		Brake differential pressure switch	Brake master cylinder		
Water amplifier	Behind glove box	19		Brake pad wear sensors	Brake pad each front wheel		
Water switch	Behind center console	14		Coolant temperature sensor	Right rear cylinder head		
Water vacuum switch	Center console	15		Fuel tank sensor	Below first aid kit well		
Water	Right lower dash	19		Parking brake switch	Top of parking brake		
Water	Top of A/C housing	8		C 104 (12 pins)	Under dash, driver's side	1	T4
Water valve	Behind center console	14		C 131			
Water valve	Behind center console	14		C 132			
Water valve	Behind grille in upper dash	9		KICKDOWN SWITCH			
Water valve	Mounted on receiver/drier	7		Automatic transmission solenoid valve	Right side of transmission		
Water valve	Right firewall	13		Kickdown switch	Under accelerator pedal		
Water valve	Right lower dash	19		WINDSHIELD WIPER/WASHER			
				Interval wipe relay	Under dash, driver's side		T10
				Washer pump motor	Below battery		
				Wiper motor	Under dash, behind console		
				C 106	Under dash, driver's side		
				C 112	Under dash, driver's side		T5

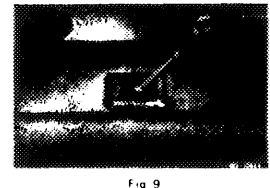


Fig 9  
In car temperature sensor

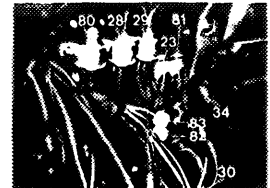


Fig 14  
 23 - Bi level vacuum switch  
 28 - Footwell flap valve  
 29 - Fresh/recirculating air flap valve  
 30 - Vacuum line harness  
 34 - Check valve  
 80 - Bi level flap valve  
 81 - Compressor vacuum switch  
 82 - Check valve  
 83 - Check valve

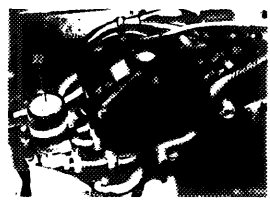
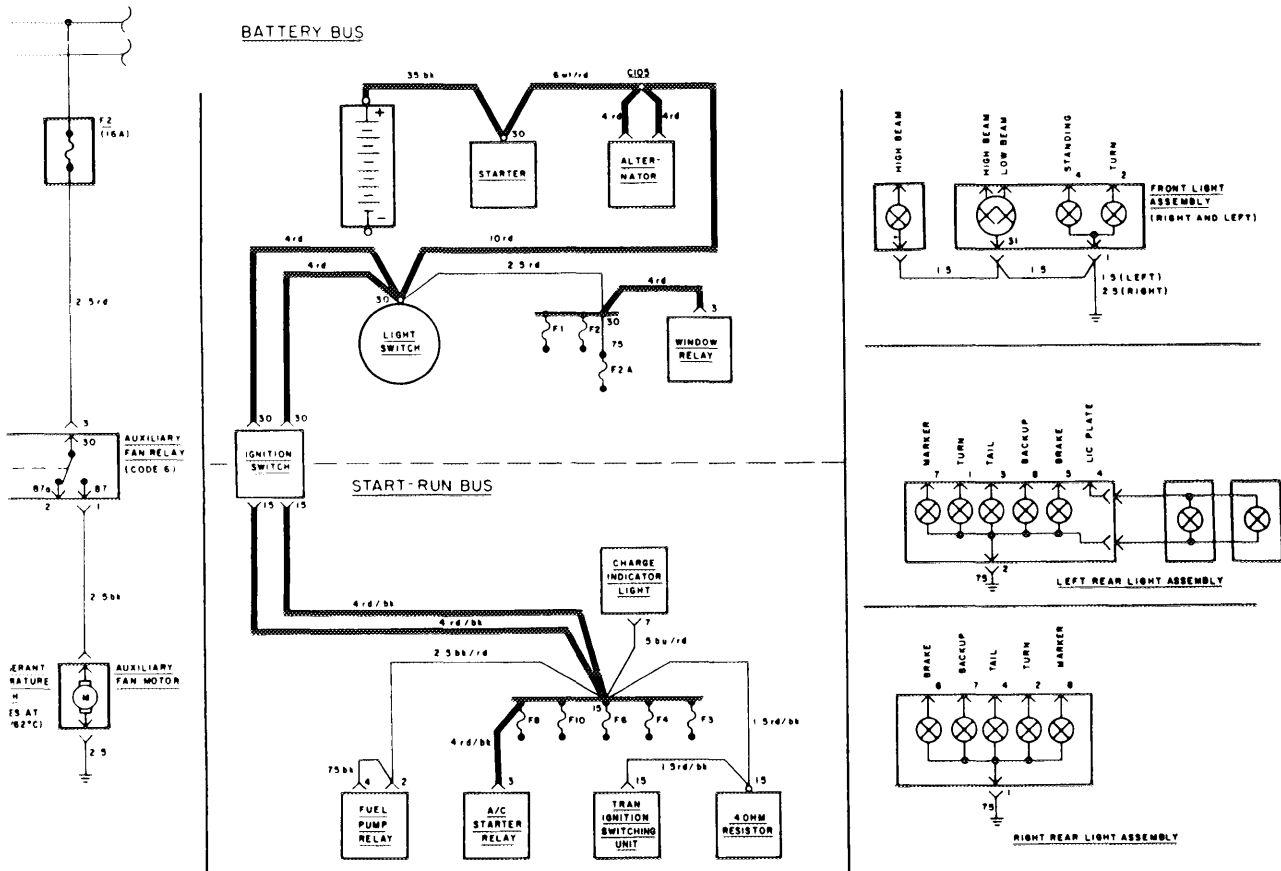


Fig 13  
 4 - Servo amplifier  
 10 - Blower resistors  
 22 - Auxiliary water pump



Fig 15a  
 Back of climate control panel  
 1 - Temperature selector wheel  
 2 - Push button switches  
 3 - On off switch, A/C compressor



LOCATION FIGURES

1977 280SE



Fig 14  
1 - Temperature selector wheel  
2 - Push button switches  
3 - On/off switch, A/C compressor

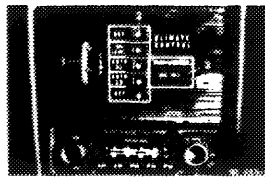


Fig 15b  
1 - Temperature selector wheel  
2 - Push button switches  
3 - On/off switch, A/C compressor



Fig 15a  
1 - Temperature selector wheel  
2 - Push button switches  
3 - On/off switch, A/C compressor

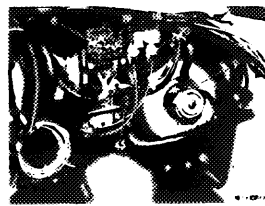


Fig 19  
6 - Amplifier  
9 - Blower  
18 - Double-pole relay  
19 - Blower master switch (color coding - green)  
20 - Compressor switch (color coding - yellow)  
21 - Temperature switch auxiliary water pump for heater  
45 - Aspirator

FUSE DATA

- Fuse 1 (8 amps) - Battery Bus**  
Clock  
Trunk light  
Front dome  
Power antenna  
Rear dome
- Fuse 2 (8 amps) - Battery Bus**  
Auxiliary fan motor
- Fuse 3 (8 amps) - Start-Run Bus**  
Climate control
- Fuse 4 (8 amps) - Start-Run Bus**  
Auxiliary fan control relay  
Backup lights  
Brake lights  
Cruise control  
Glove box light  
Ignition change over valve  
Instrument cluster  
Kickdown switch  
Seat belt wiring  
Suspension level warning light (6.9 only)  
Turn signal/hazard flasher lights
- Fuse 5 (8 amps) - Battery Bus**  
Gear shift light  
Instrument cluster lights  
License plate lights  
Rear side marker lights  
Right front standing/parking light  
Right tail light
- Fuse 6 (26 amps) - Start-Run Bus**  
Cigar lighter  
Rear window heater
- Fuse 7 (8 amps) - Battery Bus**  
Left front standing/parking light  
Left tail light
- Fuse 8 (16 amps) - Start-Run Bus**  
Horns  
Windshield wiper/washer
- Fuse 9 (8 amps) - Start-Run Bus**  
Auxiliary heater water pump  
Climate control amplifier
- Fuse 10 (16 amps) - Start-Run Bus**  
Auxiliary fan relay  
Electric windows  
Sliding roof
- Fuse 11 (8 amps) - Battery Bus**  
Left high beam headlights
- Fuse 12 (8 amps) - Battery Bus**  
High beam indicator light  
Right high beam headlights
- Fuse 13 (16 amps) - Battery Bus**  
Fog lights  
Left low beam headlight
- Fuse 14 (8 amps) - Battery Bus**  
Right low beam headlight
- Fuse 15 (16 amps) - Battery Bus**  
Left rear electric window  
Right front electric window
- Fuse 16 (16 amps) - Battery Bus**  
Left front electric window  
Right rear electric window
- 2 amp - Battery Bus**  
Climate control amplifier
- 2 amp - Accessory-Run Bus**  
Radio
- Seat Heater Fuses (777 amps)**  
Front seats - Accessory-Run Bus  
Rear Seats - Start-Run Bus

AUXILIARY FAN	J20
CHARGE	A6
CIGAR LIGHTER	J6
CLIMATE CONTROL	J13
CLOCK	F12
COOLANT TEMPERATURE GAUGE	F11
CRUISE CONTROL	N3
DIAGNOSTIC PLUG	B12
ELECTRIC WINDOWS	E4
ENGINE EMISSION CONTROL	A7
FUEL GAUGE	F11
HEATED REAR WINDOW	N5
HEATED SEATS	N9
HORNS	A4
IGNITION SYSTEM	A10
INSTRUMENT CLUSTER	E10
KICKDOWN SOLENOID	N6
LIGHT CIRCUITS	
ASH TRAY	K6
BACKUP	S7
BRAKE	N2
BRAKE SYSTEM WARNING	F10
BRAKE WEAR	F8
CLIMATE CONTROL	D16
DOME (FRONT)	N12
DOME (REAR)	D23
FOG	D20
GLOVE BOX	N1
HEAD	D21
INSTRUMENT CLUSTER	B16
LOW FUEL WARNING	F10
MARKER	D17
PARKING	D18
STANDING	D18
TAIL	D18
TRUNK	E7
POWER ANTENNA	J7
RADIO	J6
SEAT BELT WARNING	A1
SLIDING ROOF	A8
START	A6
TURN SIGNAL/HAZARD FLASHER	A13
WINDSHIELD WIPER/WASHER	J3
POWER BUS DETAILS	J21
SPECIAL GROUNDING CIRCUITS	J23