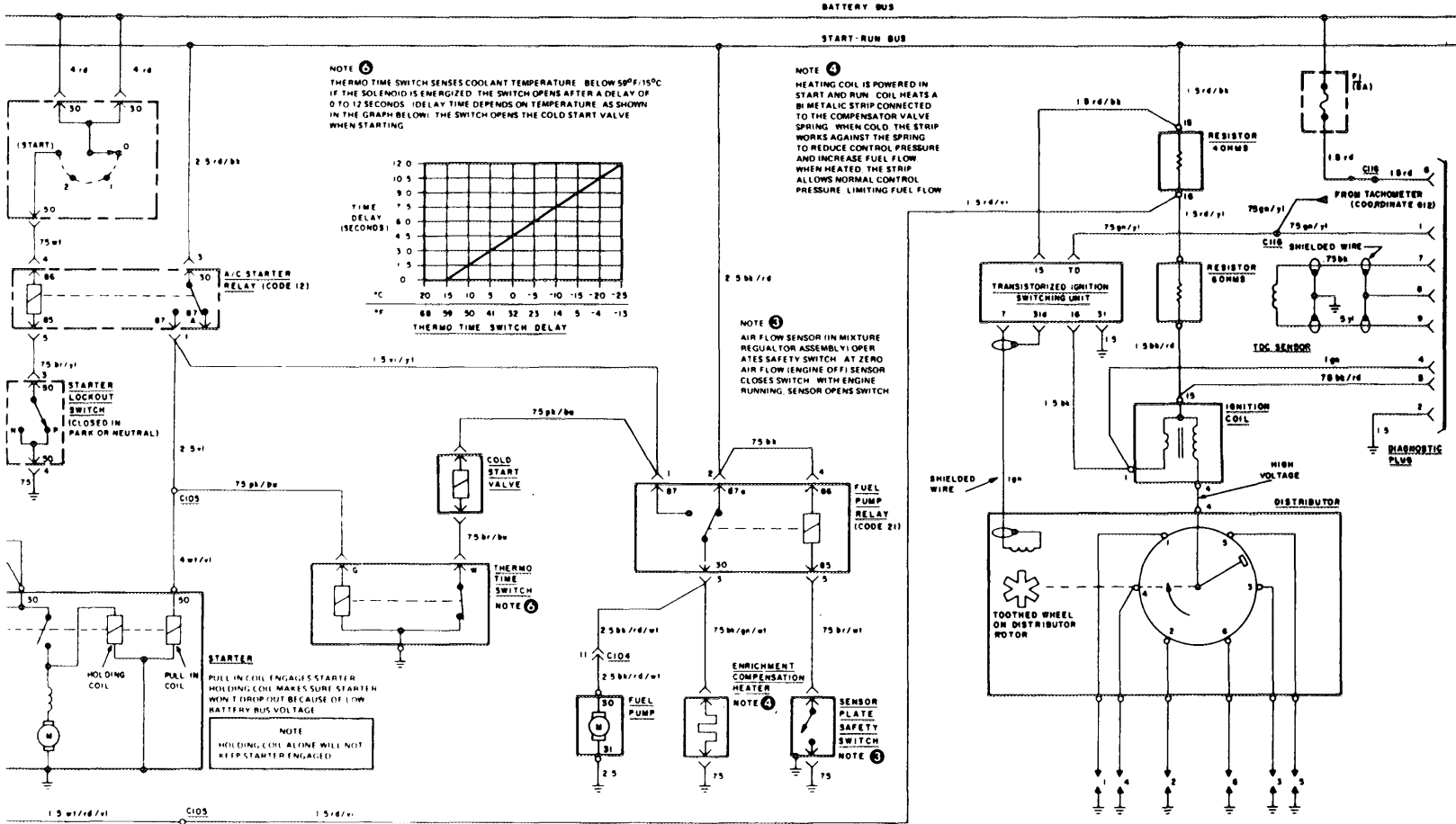


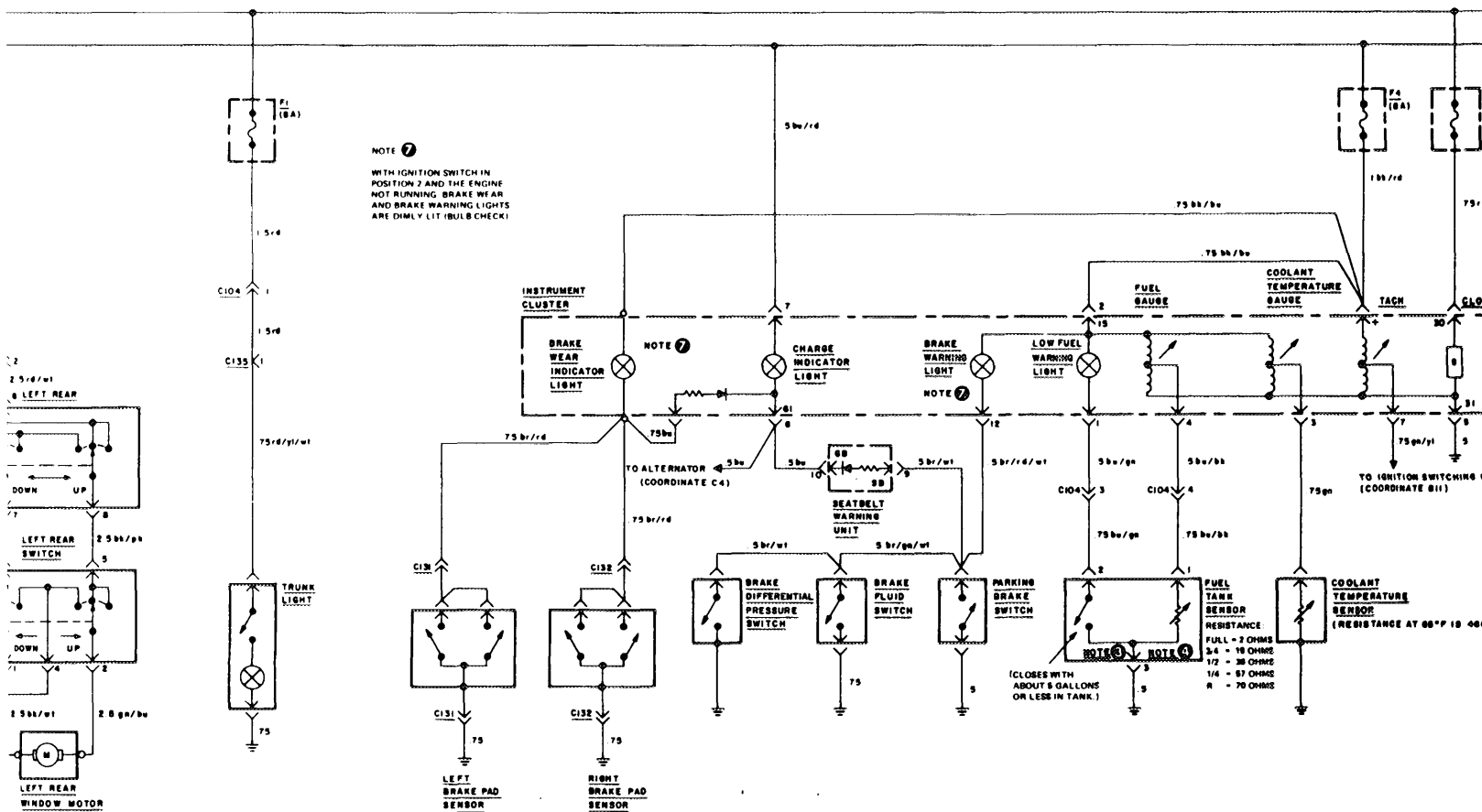
CHARGE - START - EMISSION CONTROL

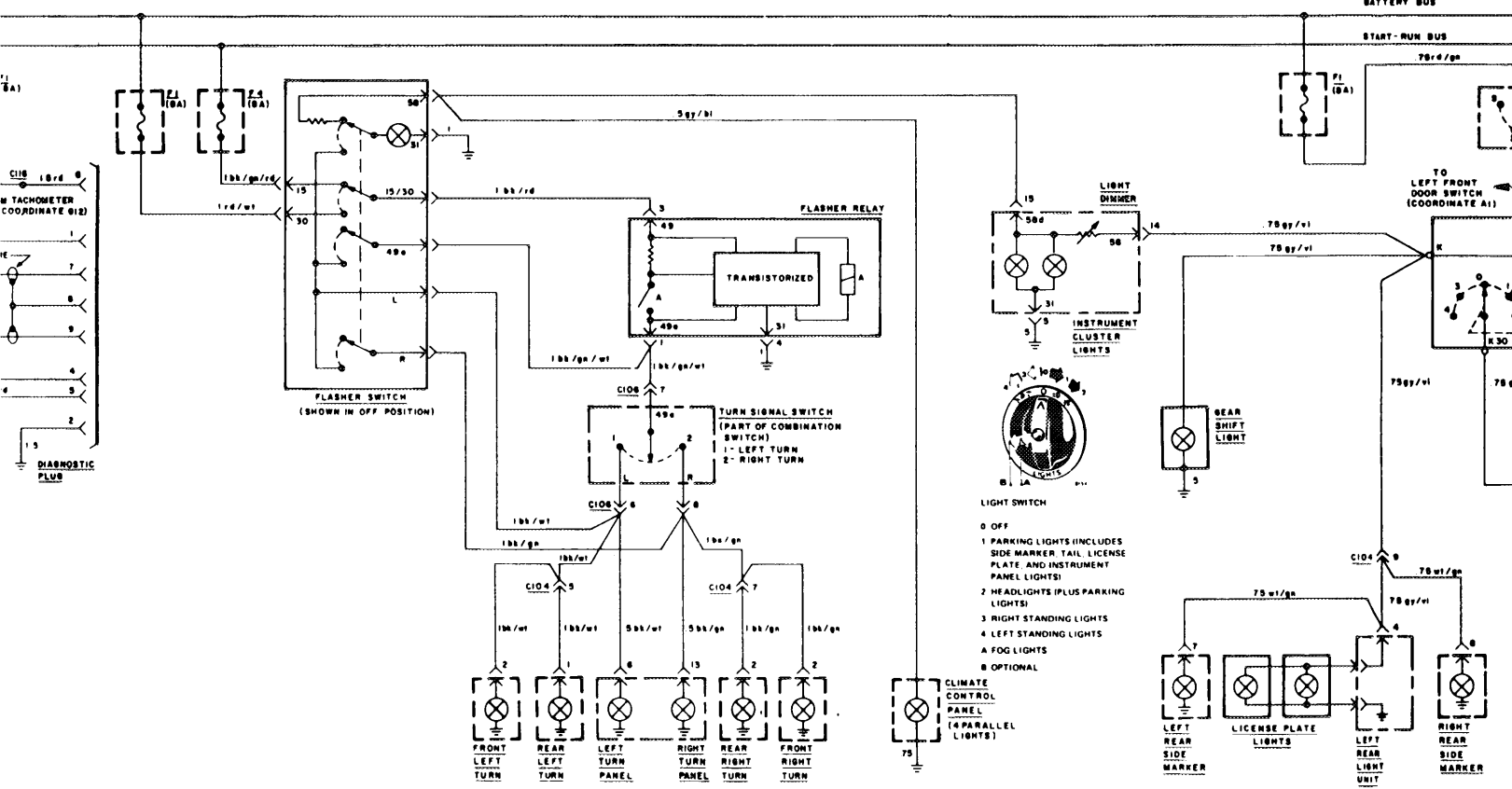
IGNITION



TRUNK LIGHT

INSTRUMENT CLUSTER





12 | 13 | 14 | 15 | 16 | 17

COMPONENT INDEX

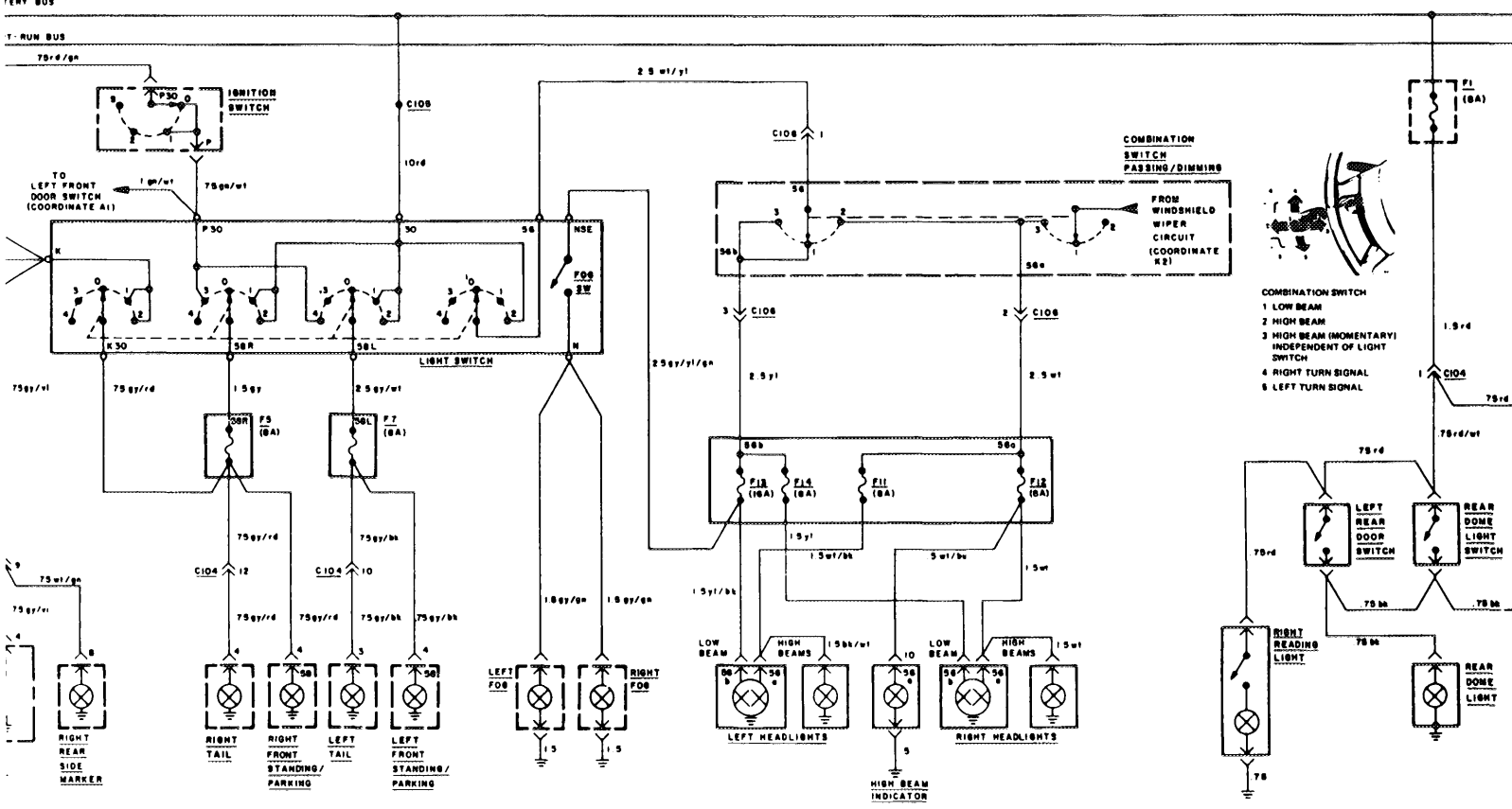
SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO	SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO
CHARGE Regulator	Alternator			TRUNK LIGHT C 104 (12 pins)	Under dash, driver's side	1	T4
ELECTRIC WINDOWS Front seat switch Window relay (code 9) C 107 (6 pin) C 108 (2 pin)	Console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



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



5 - Change-over valve
6 - Auxiliary fan relay
8 - Auxiliary fan control



LOCATION FIGURES



Fig 1
1 - Cruise control amplifier
2 - Heated rear window relay
3 - Seatbelt warning unit
4 - C.104

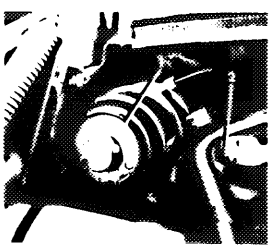


Fig 3
1 - Throttle actuator
2 - Auxiliary water pump

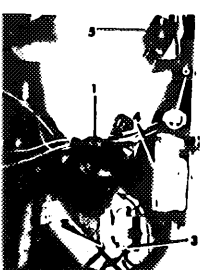


Fig 5
1 - Ignition coil
2 - 6 ohm resistor
3 - 4 ohm resistor
4 - Switching unit
5 - Diagnostic plug
6 - Ignition change over valve

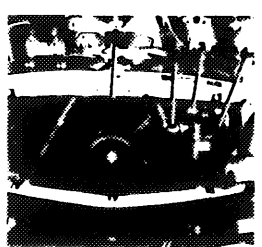


Fig 7
1 - Auxiliary fan
2 - Low pressure cut off switch
3 - Temperature switch (144°F)
4 - Receiver drier

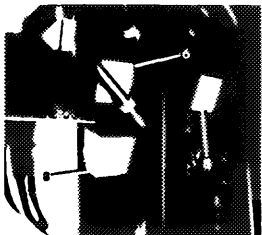


Fig 2
5 - Change over valve relay
6 - Auxiliary fan relay
8 - Auxiliary fan cut out relay

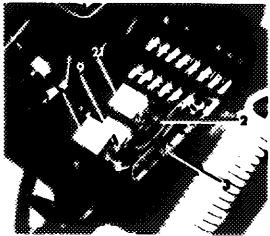


Fig 4
1 - Radio fuse
2 - Climate control amplifier fuse
4 - A/C starter relay
21 - Fuel pump relay

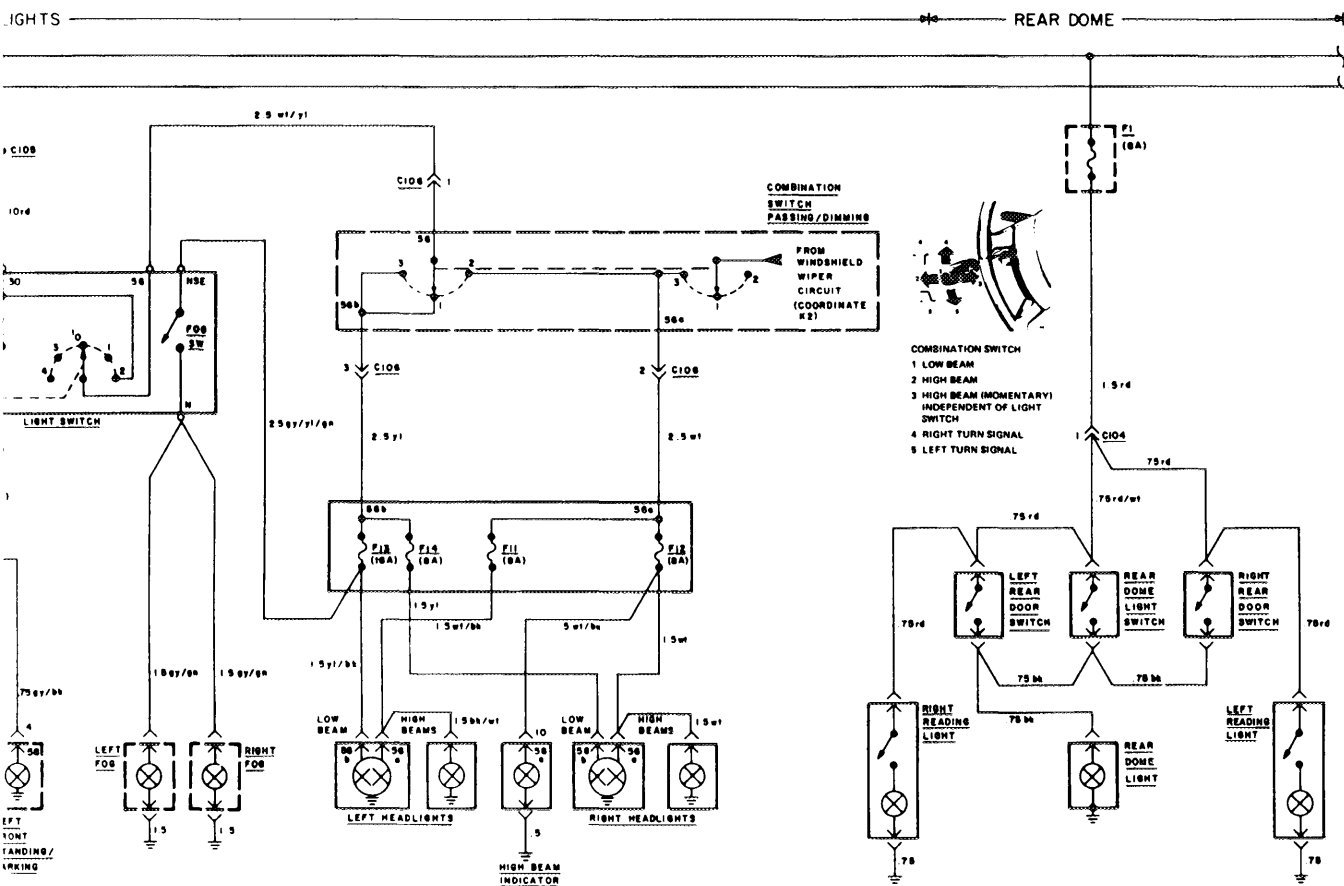


Fig 6
Cruise control speed sensor

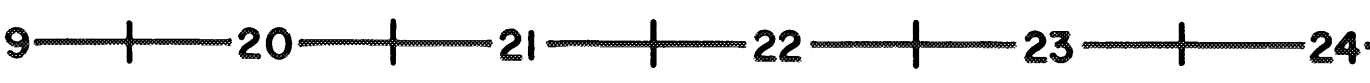


Fig 8
24 - ETR switch
40 - Actuator for center outlet
42 - Actuator for defroster outlets
45 - Hose from in-car sensor to aspirator

- 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 WARNING
- SLIDING ROOF
- START
- TURN SIGNAL/HAZA
- WINDSHIELD WIPER/
- POWER BUS DETAILS
- SPECIAL GROUNDING



A
B
C
D



LOCATION FIGURES

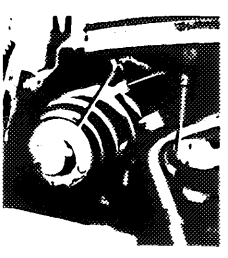


Fig. 3
Throttle actuator
Auxiliary water pump

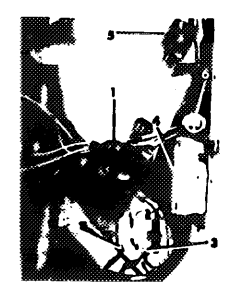


Fig. 5
1 - Ignition coil
2 - 6 ohm resistor
3 - 4 ohm resistor
4 - Switching unit
5 - Diagnostic plug
6 - Ignition change over valve

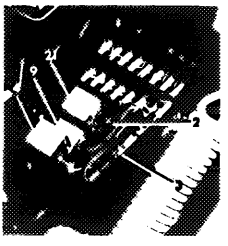


Fig. 4
Main fuse
Cruise control amplifier fuse
Starter relay
Fuel pump relay

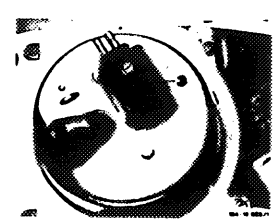


Fig. 6
Cruise control speed sensor

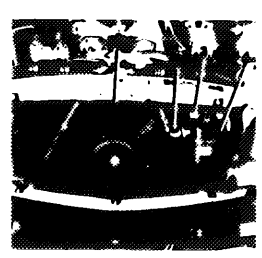


Fig. 7
1 - Auxiliary fan
2 - Low pressure cut off switch
3 - Temperature switch (144°F)
4 - Receiver drier

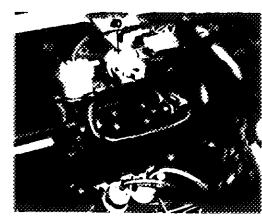
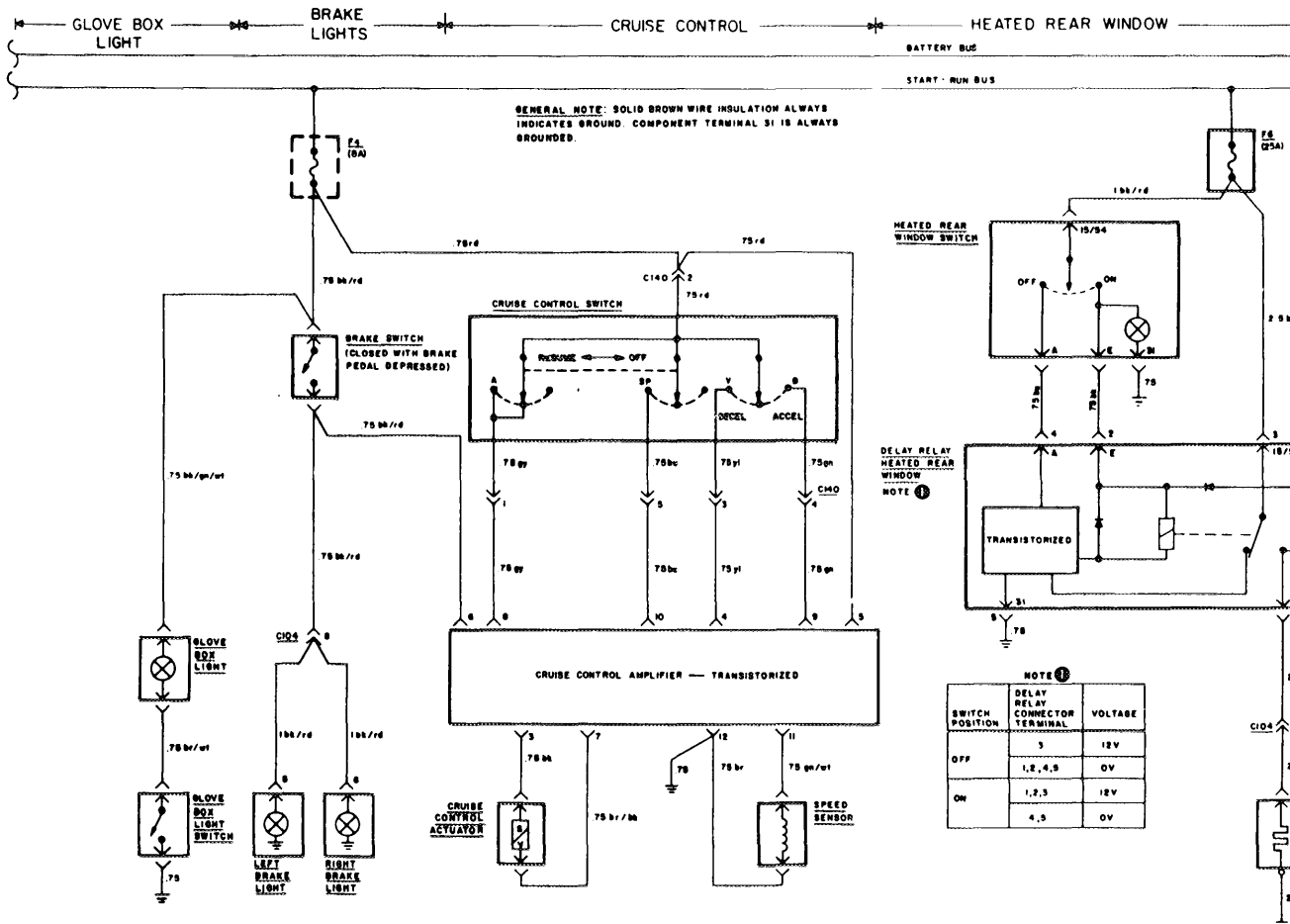
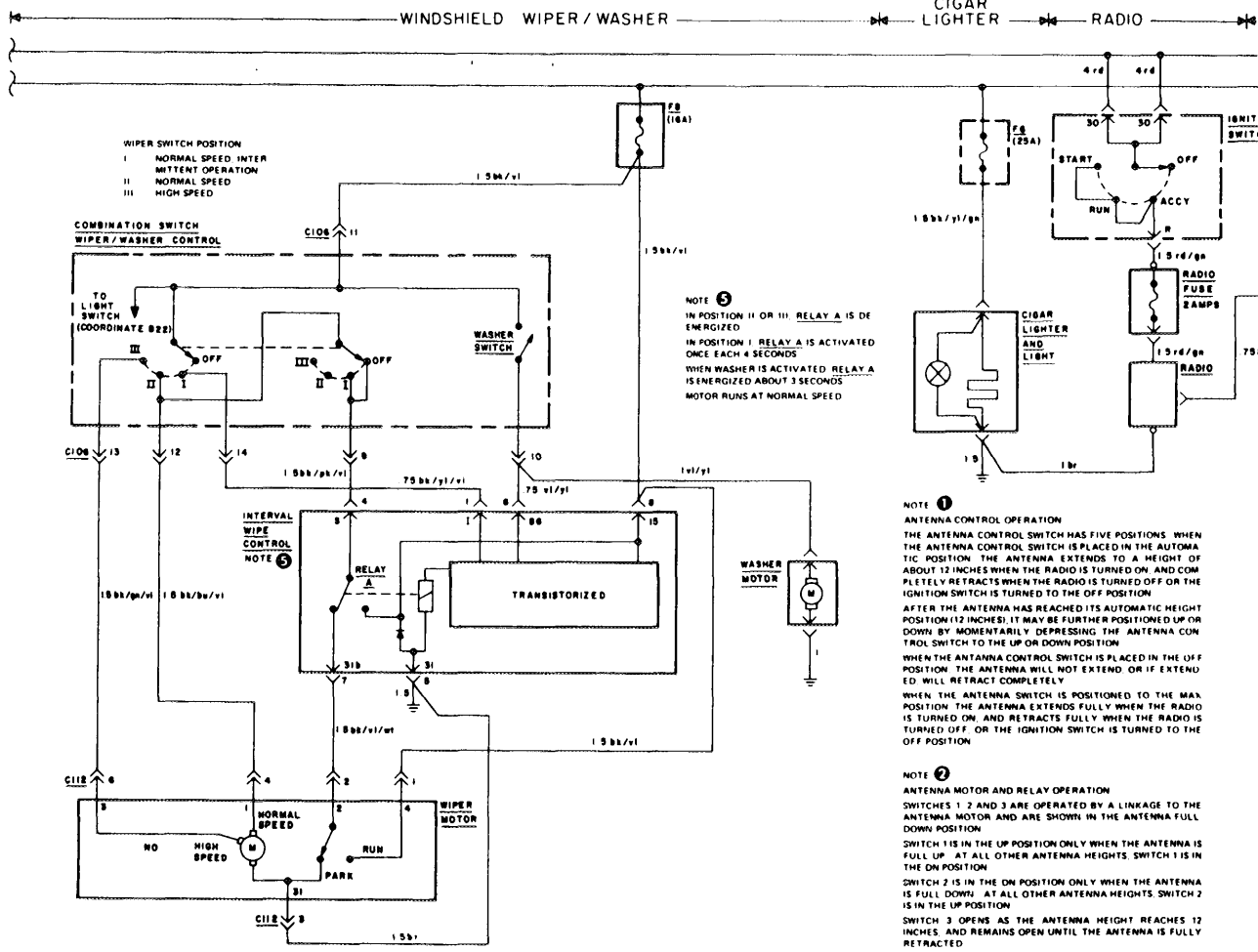


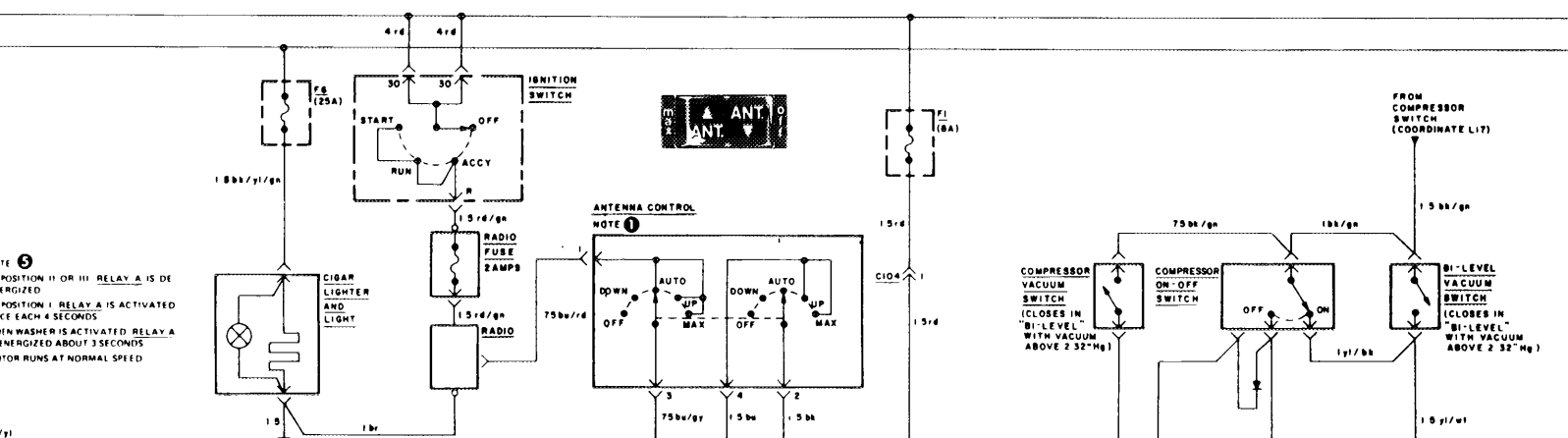
Fig. 8
24 - ETR switch
40 - Actuator for center outlet
42 - Actuator for defroster outlets
45 - Hose from in-car sensor to aspirator

1977 280SE

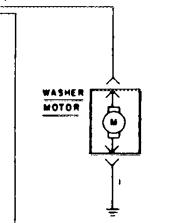
AUXILIARY FAN	J20
CHARGE	A6
CIGAR LIGHTER	J5
CLIMATE CONTROL	J13
CLOCK	F12
COOLANT TEMPERATURE GAUGE	F11
CRUISE CONTROL	N3
DIAGNOSTIC PLUG	B12
ELECTRIC WINDOWS	E4
ENGINE EMISSION CONTROL	A7
FUEL GAUGE	F11
HEATED REAR WINDOW	N5
HEATED SEATS	N9
HORNS	A4
IGNITION SYSTEM	A10
INSTRUMENT CLUSTER	E10
KICKDOWN SOLENOID	N8
LIGHT CIRCUITS	
ASH TRAY	K5
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	E1
START	A6
TURN SIGNAL/HAZARD FLASHER	A13
WINDSHIELD WIPER/WASHER	J3
POWER BUS DETAILS	
POWER BUS DETAILS	J21
SPECIAL GROUNDING CIRCUITS	J23



CIGAR LIGHTER RADIO POWER ANTENNA

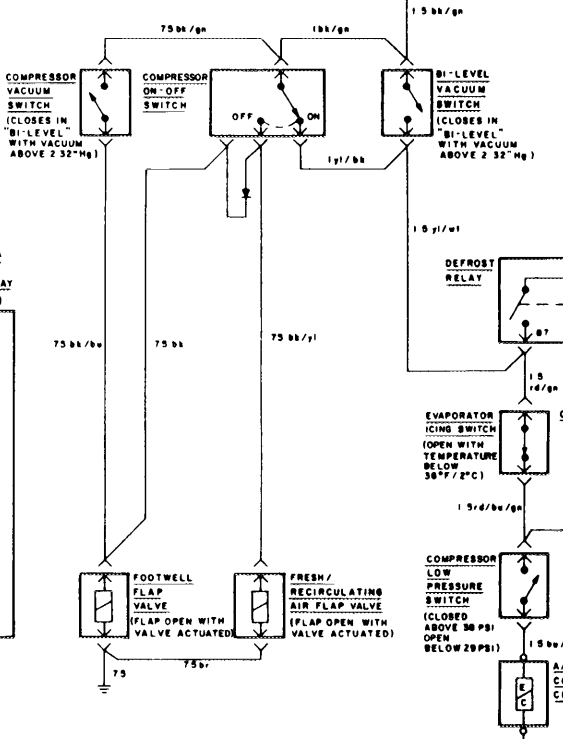
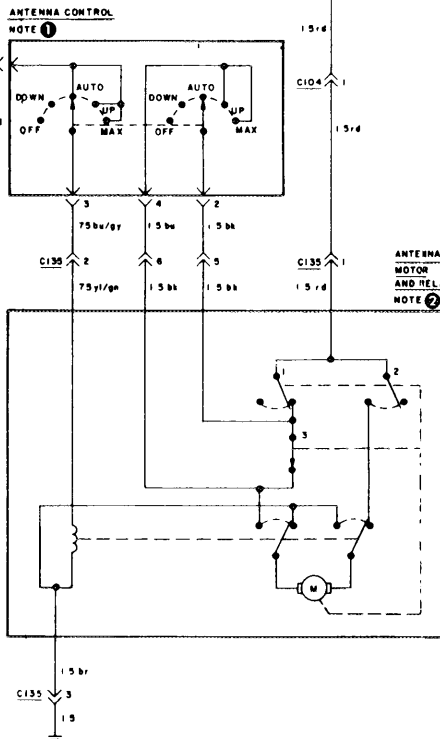


NOTE 3
 POSITION II OR III RELAY A IS DE
 ENERGIZED
 POSITION I RELAY A IS ACTIVATED
 KE EACH 4 SECONDS
 IN WASHER IS ACTIVATED RELAY A
 ENERGIZED ABOUT 3 SECONDS
 MOTOR RUNS AT NORMAL SPEED



NOTE 1
ANTENNA CONTROL OPERATION
 THE ANTENNA CONTROL SWITCH IS PLACED IN THE AUTOMA
 TIC POSITION. THE ANTENNA EXTENDS TO A HEIGHT OF
 ABOUT 12 INCHES WHEN THE RADIO IS TURNED ON AND COM
 PLETELY RETRACTS WHEN THE RADIO IS TURNED OFF OR THE
 IGNITION SWITCH IS TURNED TO THE OFF POSITION.
 AFTER THE ANTENNA HAS REACHED ITS AUTOMATIC HEIGHT
 POSITION (12 INCHES) IT MAY BE FURTHER POSITIONED UP OR
 DOWN BY MOMENTARILY DEPRESSING THE ANTENNA CON
 TROL SWITCH TO THE UP OR DOWN POSITION.
 WHEN THE ANTENNA CONTROL SWITCH IS PLACED IN THE (OFF
 POSITION) THE ANTENNA WILL NOT EXTEND, OR IF EXTEND
 ED WILL RETRACT COMPLETELY.
 WHEN THE ANTENNA SWITCH IS POSITIONED TO THE MAX
 POSITION, THE ANTENNA EXTENDS FULLY WHEN THE RADIO
 IS TURNED ON, AND RETRACTS FULLY WHEN THE RADIO IS
 TURNED OFF OR THE IGNITION SWITCH IS TURNED TO THE
 OFF POSITION.

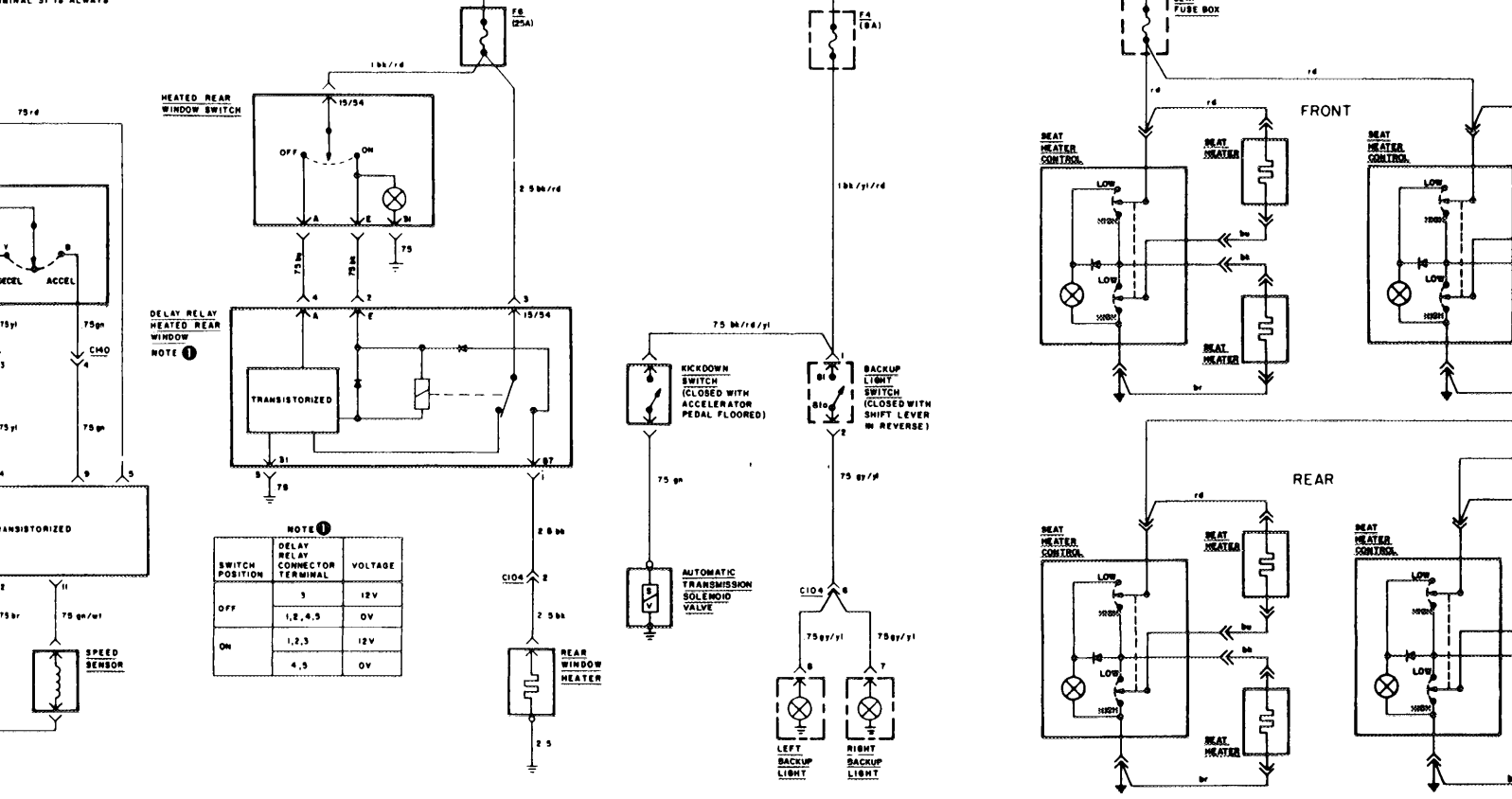
NOTE 2
ANTENNA MOTOR AND RELAY OPERATION
 SWITCHES 1, 2 AND 3 ARE OPERATED BY A LINKAGE TO THE
 ANTENNA MOTOR AND ARE SHOWN IN THE ANTENNA FULL
 DOWN POSITION.
 SWITCH 1 IS IN THE UP POSITION ONLY WHEN THE ANTENNA IS
 FULL UP. AT ALL OTHER ANTENNA HEIGHTS, SWITCH 1 IS IN
 THE ON POSITION.
 SWITCH 2 IS IN THE ON POSITION ONLY WHEN THE ANTENNA
 IS FULL DOWN. AT ALL OTHER ANTENNA HEIGHTS, SWITCH 2
 IS IN THE UP POSITION.
 SWITCH 3 OPENS AS THE ANTENNA HEIGHT REACHES 12
 INCHES, AND REMAINS OPEN UNTIL THE ANTENNA IS FULLY
 RETRACTED.



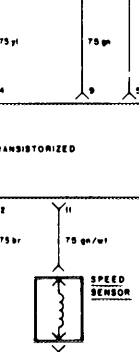
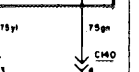
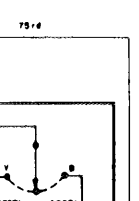
4 5 6 7 8 9 10

BATTERY BUS HEATED REAR WINDOW KICKDOWN SOLENOID BACKUP LIGHTS HEATED SEATS

START - RUN BUS



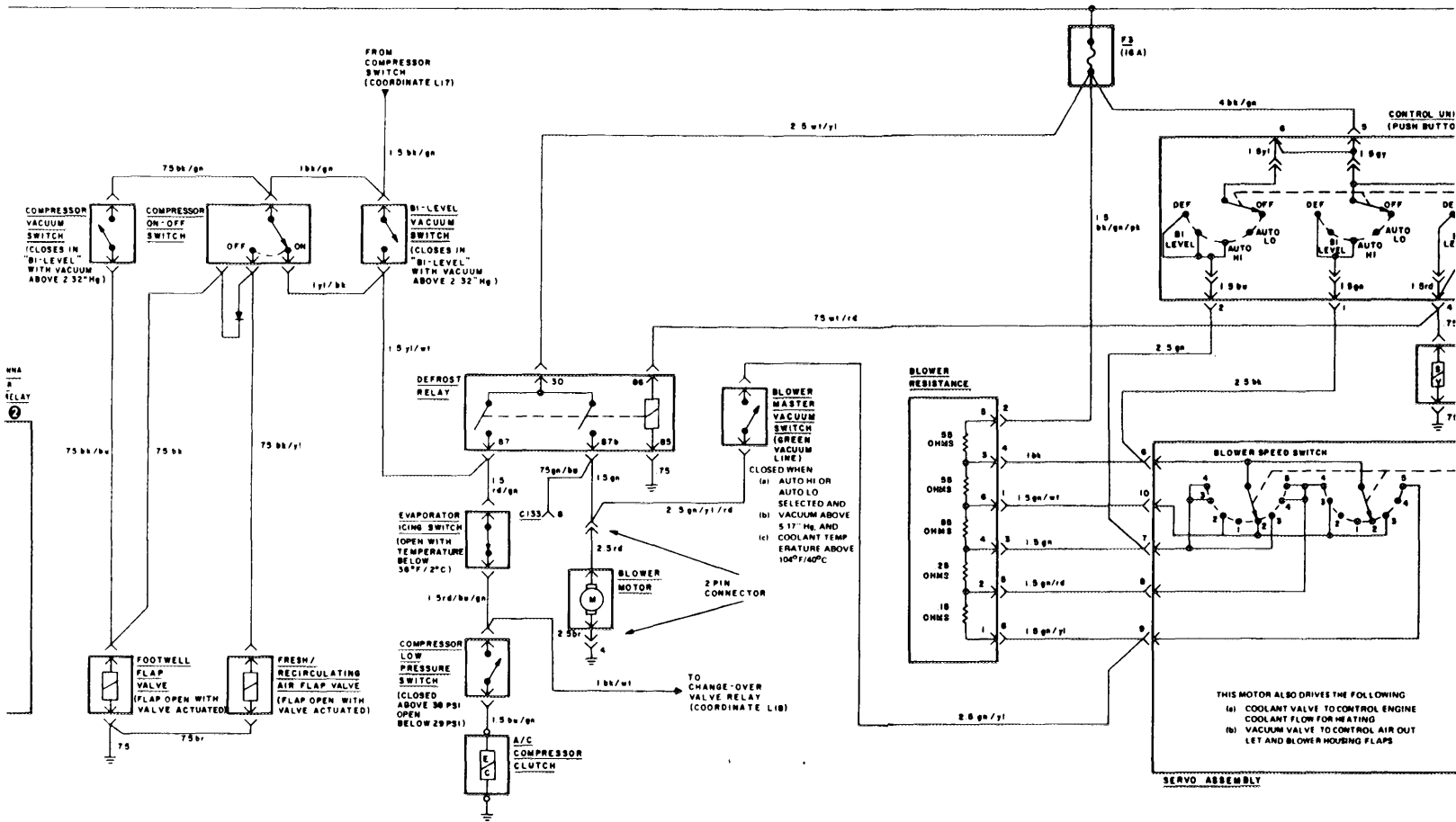
INSULATION ALWAYS
 ORIGINAL 31 IS ALWAYS



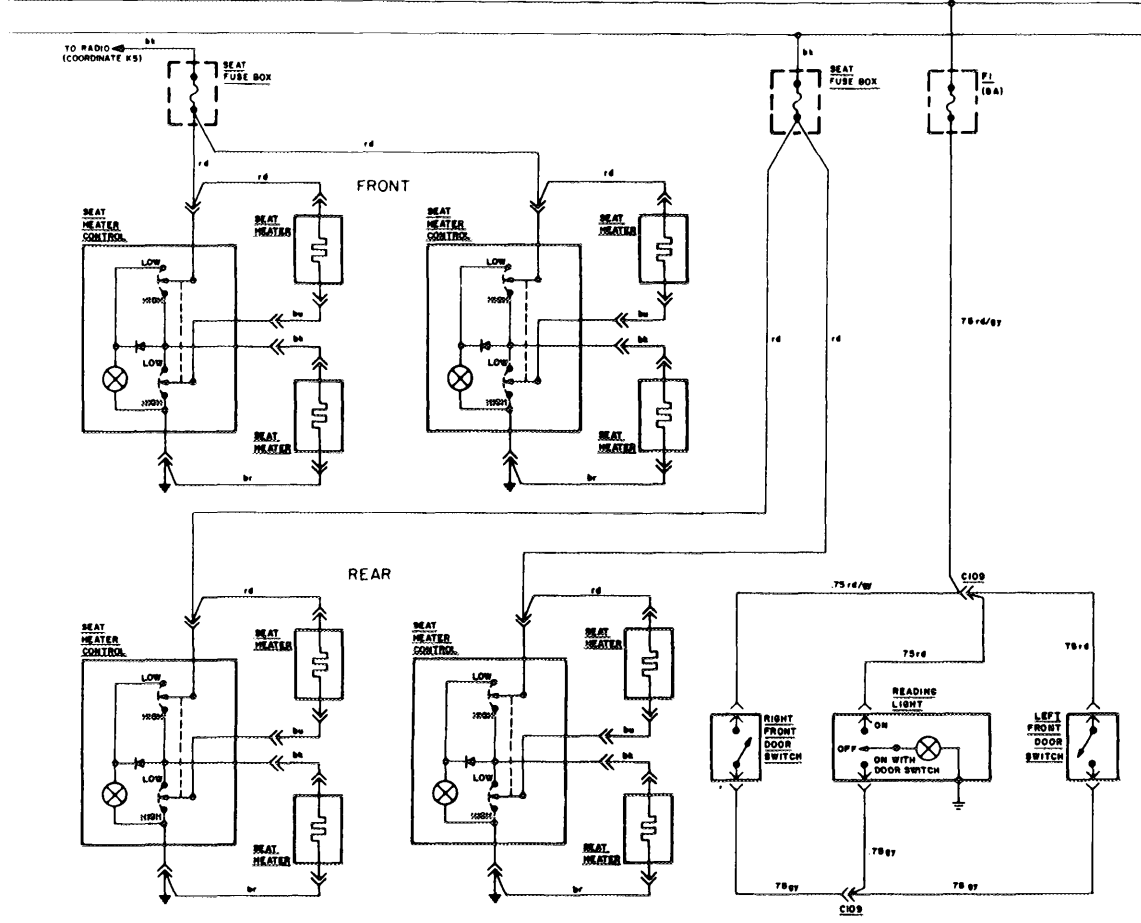
NOTE 1

SWITCH POSITION	DELAY RELAY CONNECTOR TERMINAL	VOLTAGE
OFF	3	12V
ON	1, 2, 3	12V
ON	4, 5	0V

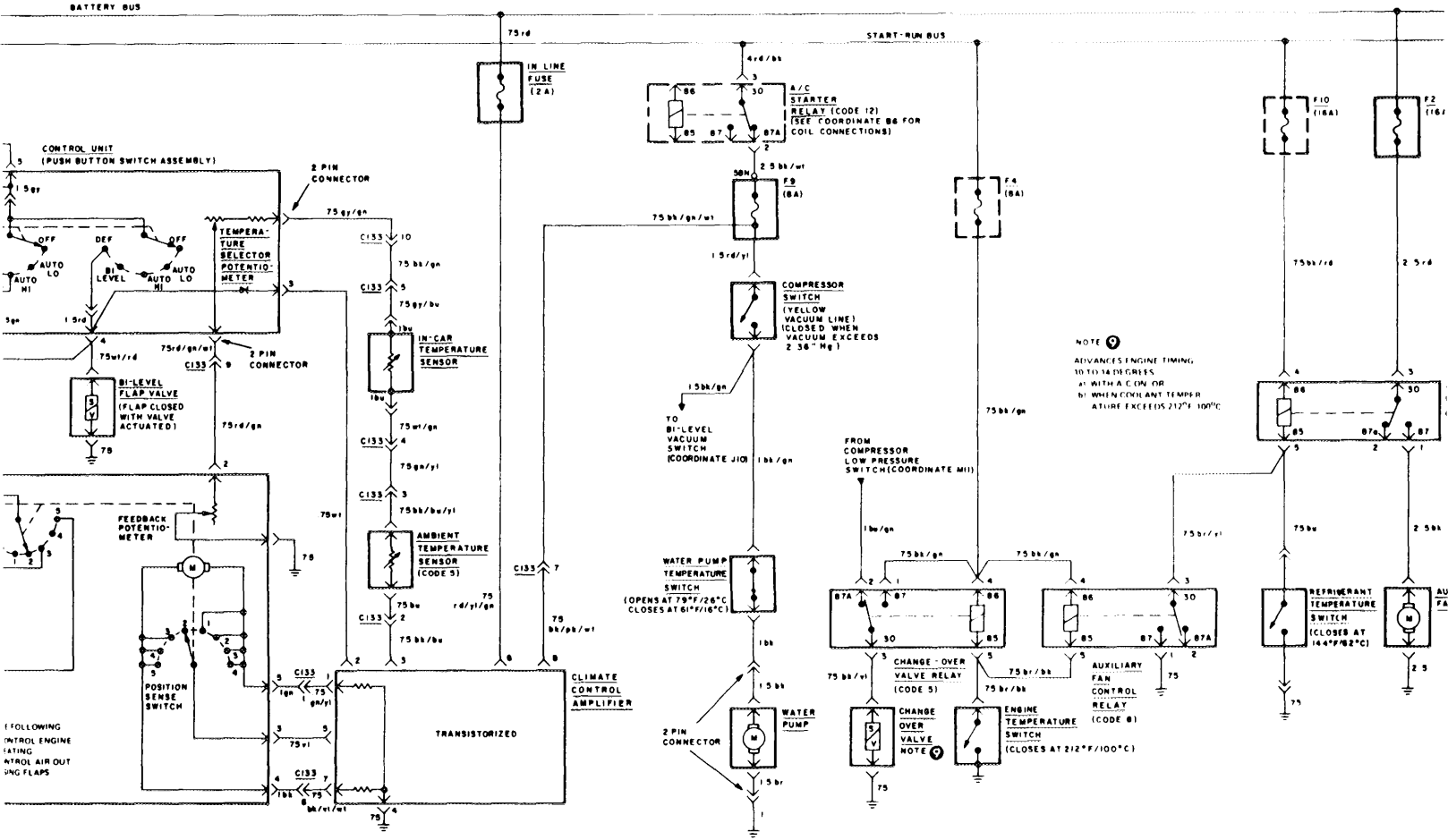
HEATED REAR WINDOW SWITCH DELAY RELAY HEATED REAR WINDOW TRANSISTORIZED SPEED SENSOR KICKDOWN SWITCH BACKUP LIGHT SWITCH SEAT HEATER CONTROL FRONT SEAT HEATER CONTROL REAR SEAT HEATER CONTROL



HEATED SEATS FRONT DOME



- SYSTEM/ COMPONENT**
- AUXILIARY FAN
 - Auxiliary fan cut-out relay (code 8)
 - Auxiliary fan relay (code 8)
 - 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
 - Compressor switch
 - Compressor vacuum switch
 - Control panel
 - Defrost relay
 - ETR switch
 - Footwell flap valve
 - Fresh/recirculating air flap valve
 - In-car temperature sensor
 - Low pressure cut-out switch
 - Servo control assembly
 - Water pump temperature switch C 133



NOTE
 ADVANCES ENGINE TIMING
 TO 15-18 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	Under dash, driver's side	1	
Change-over relay (code 6)	Left kick panel	2	T7	Amplifier	Center console	1	
Compressor valve (yellow)	Left kick panel	2	T7	Cruse control switch	Center console	1	
Temperature switch (212°F)	Thermostat housing	2	T7	Speed sensor	Under dash, driver's side	6	
Pressure switch (144°F)	Receiver/drier	7		Throttle actuator	Right fender, near hood spring	3	
				C 140 (5 pins)	Under dash, driver's side	3	
LIGHTS	Left side transmission			FUEL CONTROL			
				Cold start valve	Top front of engine		
				Fuel pump relay (code 21)	Fuse box	4	
				Thermostic switch (below 59°F)	Top center of engine		
				Safety switch	Top right center of engine		
				Warmup/full load enrichment	Upper right of engine		
				compensator			
LIGHTS	Top of brake pedal			GLOVE BOX LIGHT			
	Under dash, driver's side	1	T4	Glove box switch	Glove compartment		
CONTROL	Fuse box	4		HEATED REAR WINDOW			
Temperature sensor	Inside plenum chamber in front of blower			Heated rear window delay relay	Under dash, driver's side	1	T14
Water pump	Right firewall	3	T3	C 123	Behind rear seat, left side		
Water pump	Right lower dash	19		INSTRUMENT CLUSTER			
Pressure switch	Behind center console	14		Brake fluid switch	Brake fluid reservoir		
Compressor valve	Behind center console	14		Brake differential pressure switch	Brake master cylinder		
Compressor switch	Behind center console	14		Brake pad wear sensors	Brake pad each front wheel		
Water switch	Right lower dash	19		Coolant temperature sensor	Right rear cylinder head		
Stop	Right lower dash	19		Fuel tank sensor	Below first aid kit well		
Motor resistors	Right firewall	13		Parking brake switch	Top of parking brake		
Control amplifier	Behind glove box	19		C 104 (12 pins)	Under dash, driver's side	1	T4
Pressure switch	Right lower dash	19		C 131			
Compressor vacuum switch	Behind center console	14		C 132			
Water valve	Center console	15		KICKDOWN SWITCH			
Water valve	Right lower dash	19		Automatic transmission			
Water valve	Top of A/C housing	8		solenoid valve	Right side of transmission		
Water valve	Behind center console	14		Kickdown switch	Under accelerator pedal		
Water valve	Behind center console	14		WINDSHIELD WIPER/WASHER			
Water valve	Behind grille in upper dash	9		Interval wipe relay	Under dash, driver's side		T10
Water valve	Mounted on receiver/drier	7		Washer pump motor	Under dash, behind console		
Water valve	Right firewall	7		Wiper motor	Under dash, driver's side		T5
Water valve	Right lower dash	19		C 106			
				C 112			

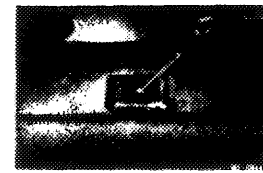


Fig 9
In car temperature sensor

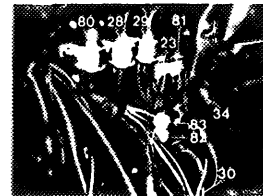


Fig 14
 23 - Bi-level vacuum switch
 28 - Footwell flap valve
 29 - Fresh recirculating air flap valve
 30 - Vacuum line harness
 34 - Check valve
 80 - Bi-level flap valve
 81 - Compressor vacuum switch
 82 - Check valve
 83 - Check valve

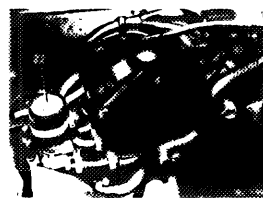
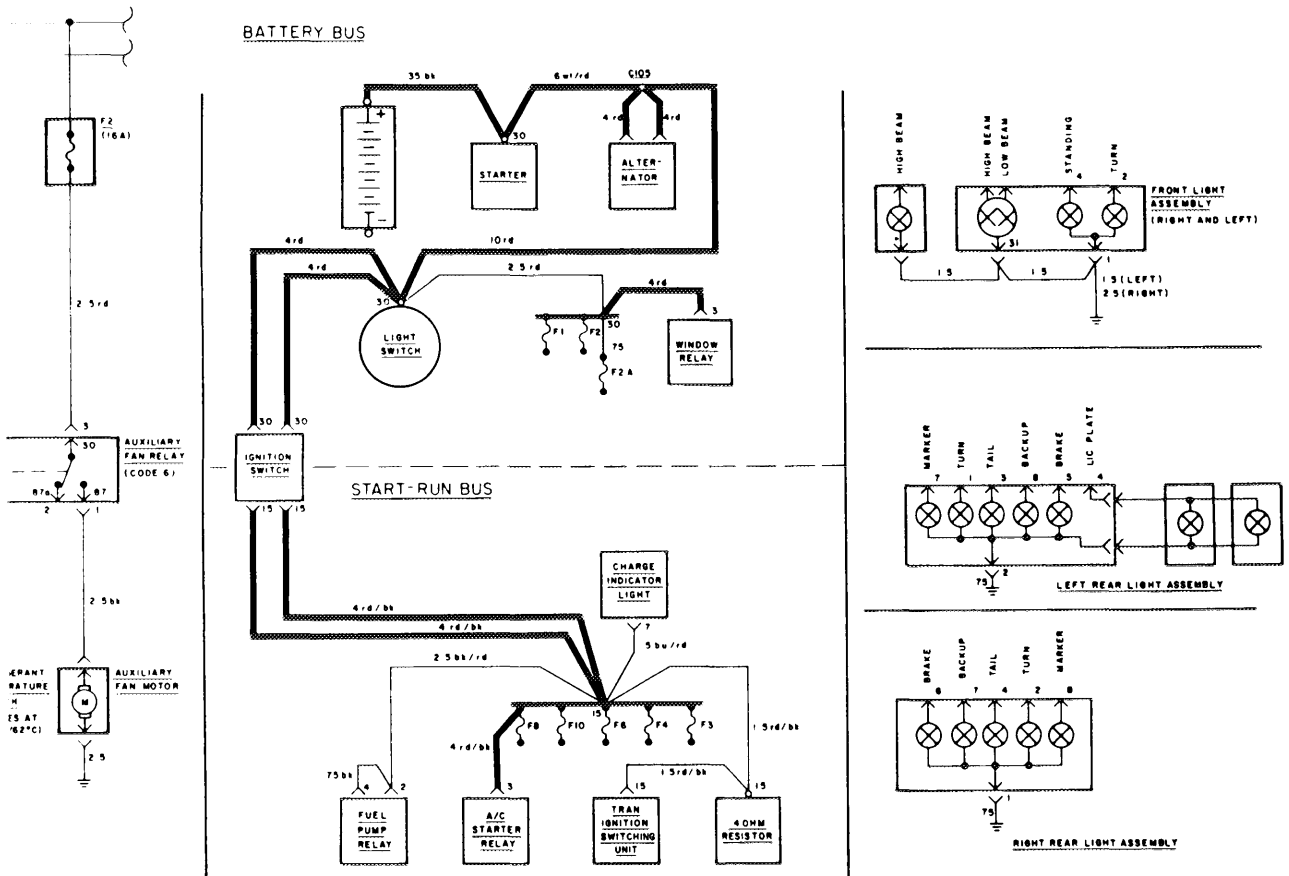


Fig 13
 4 - Servo amplifier
 10 - Blower resistors
 22 - Auxiliary water pump



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



20 | 21 | 22 | 23 | 24

LOCATION FIGURES

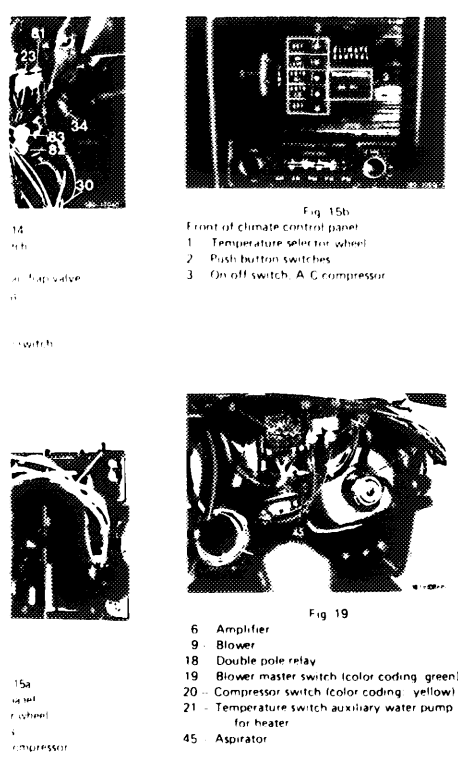


Fig 15b

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

Fig 19

- 6. Amplifier
- 9. Blower
- 18. Blower master switch (color coding - green)
- 19. Blower master switch (color coding - yellow)
- 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 1 (8 amps) - Battery Bus**
Clock
Diagnostic plug
Exterior lights
Front dome
Power antenna
Rear dome
Trunk light
Turn signal/hazard flasher lights
- 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
Right side marker lights
Right front standing/parking light
Right tail light
- Fuse 6 (25 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

1977 280SE

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	K5
BACKUP	S7
BRAKE	N2
BRAKE SYSTEM WARNING	F10
BRAKE WEAR	F8
CLIMATE CONTROL	D15
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	E1
START	A6
TURN SIGNAL/HAZARD FLASHER	A3
WINDSHIELD WIPER/WASHER	J3
POWER BUS DETAILS	J21
SPECIAL GROUNDING CIRCUITS	J23