

12 | 13 | 14 | 15 | 16 | 17

COMPONENT INDEX

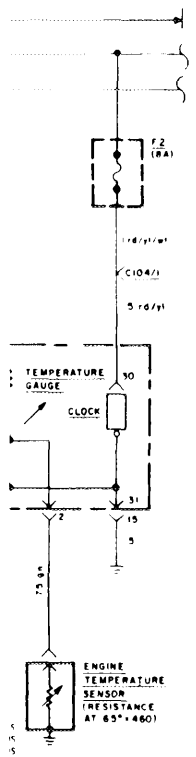
SYSTEM / COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO	SYSTEM / COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO
ELECTRIC WINDOW Window relay	Behind instrument panel	5					
GLOW PLUG CIRCUIT Fuse box (50 amp fuse) Glow plug sensor Glow plug timer	Firewall LH side of engine Driver's side, under dash	3 4 2					
INSTRUMENT CLUSTER Engine temperature sensor	LH side of engine	4					
SEAT BELT WARNING Seat belt warning unit	Driver's side, under dash	2					
TURN SIGNAL / HAZARD FLASHER Hazard switch and flasher	Between front seats						

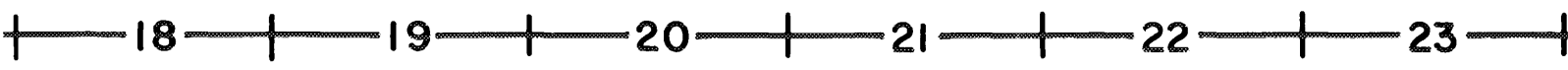
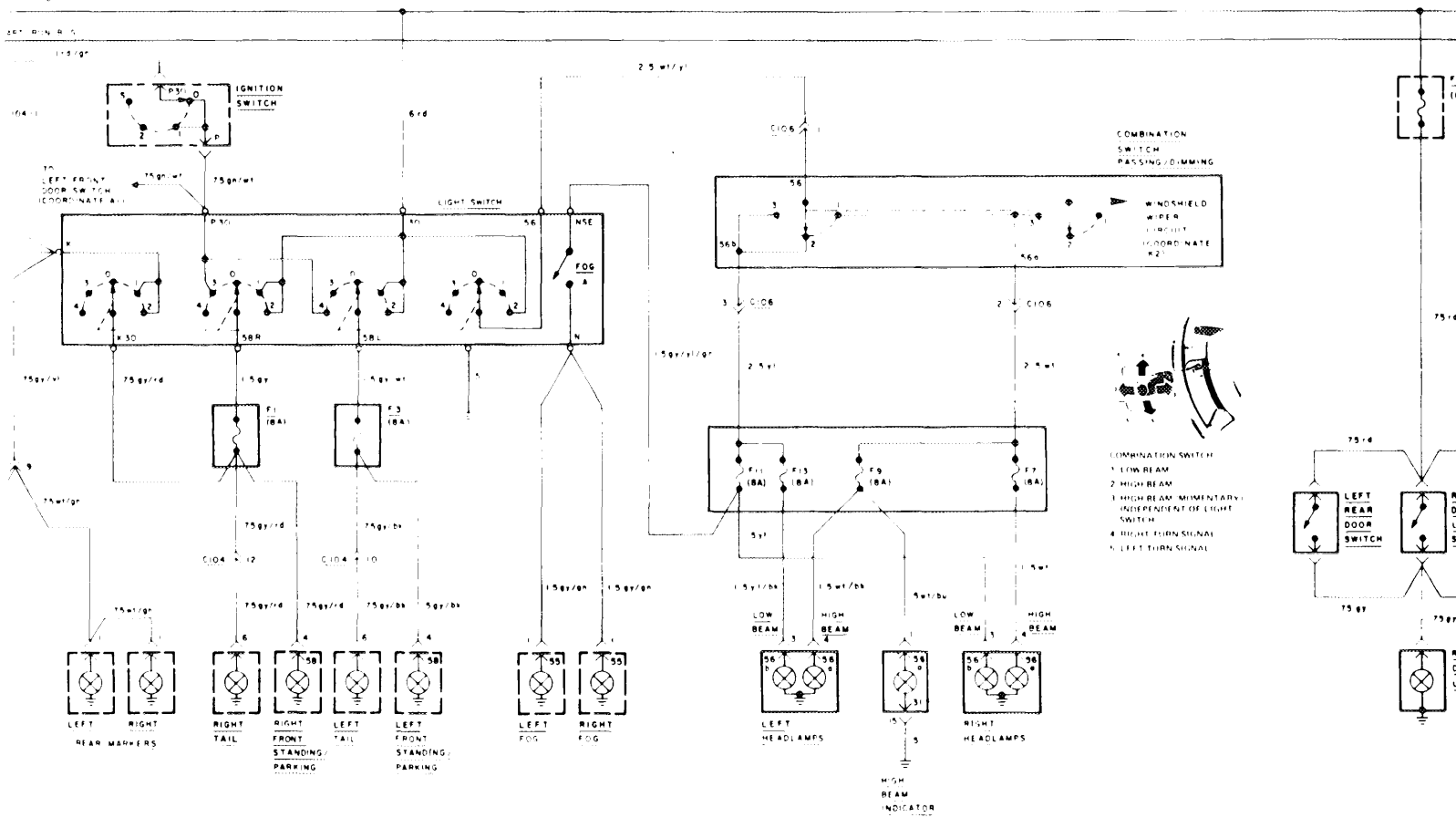


1 - Heated rear w
2 - Windshield w (interval v



1 - Glow plug tim
2 - Seat belt warn
3 - Combination
4 - Rear harness c





LOCATION FIGURES

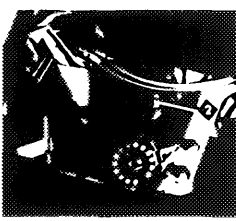


Fig 1
1. Heated rear window delay relay
2. Windshield washer/wiper relay (intermittent wiper control)



Fig 3
1. 50 amp fuse box (glow plug)

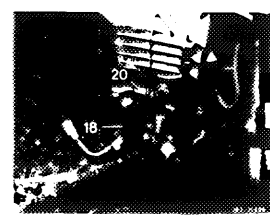


Fig 6
18. Refrigerant loss switch
20. Receiver-drier temperature switch

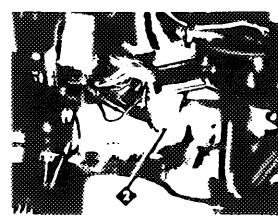


Fig 9
2. Cruise control amplifier

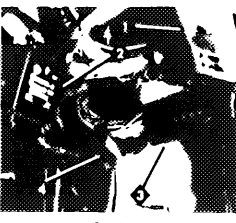


Fig 2
1. Glow plug timer
2. Seat belt warning unit
3. Combination switch (Fig. 106)



Fig 4
1. Engine temperature sensor
2. Glow plug sensor



Fig 7
1. Cruise control actuator

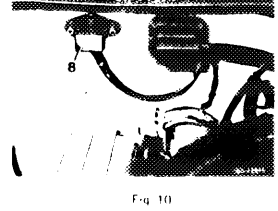


Fig 10
R. Ambient temperature sensor



Fig 5
1. Electric window relay

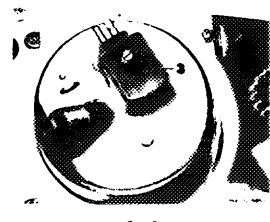


Fig 8
3. Speed sensor

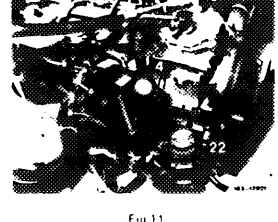
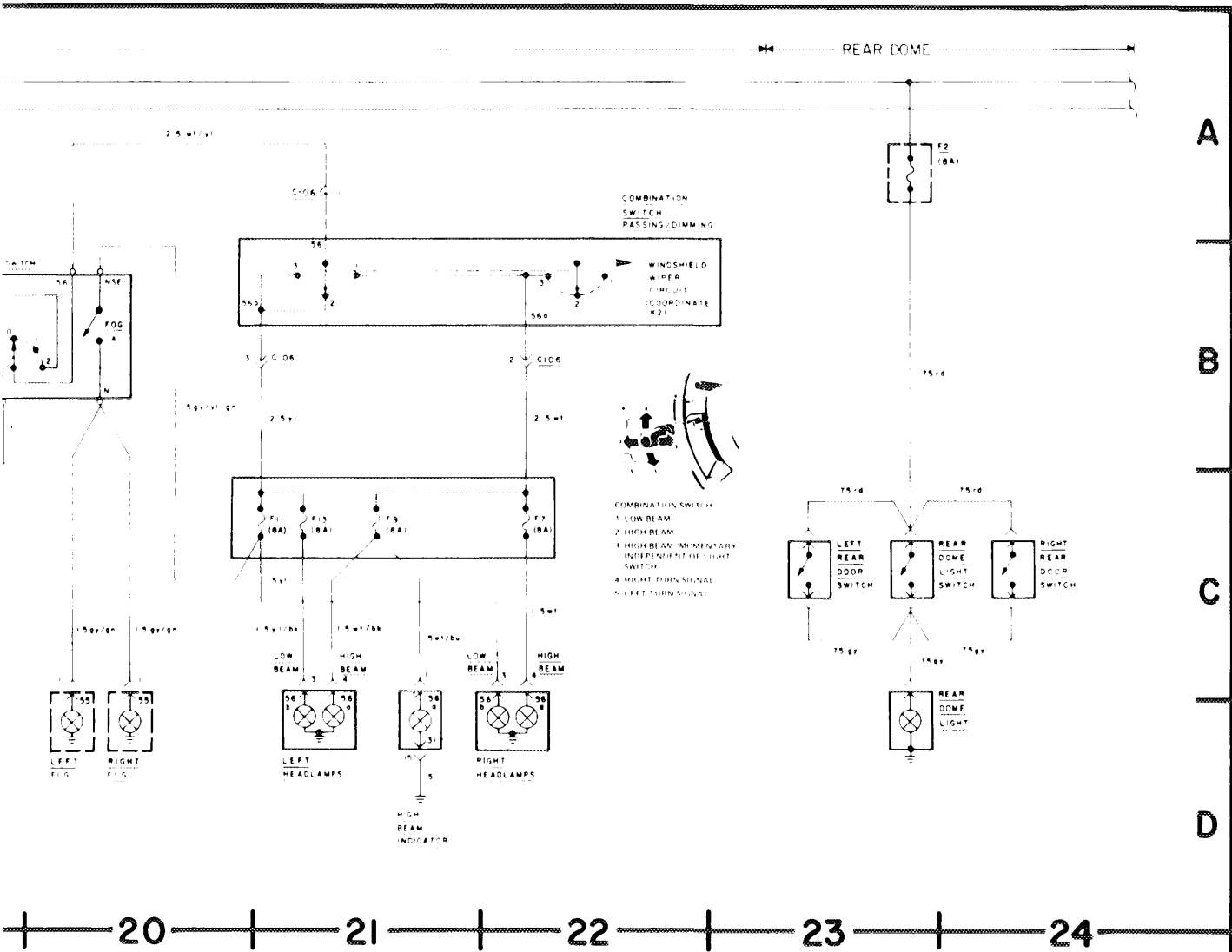


Fig 11
4. Servo assembly
22. Auxiliary water pump

- AUXILIARY FAN
- CHARGE
- CIGAR LIGHTER
- CLIMATE CONTROL
- CLOCK
- COOLANT TEMPERATURE
- CRUISE CONTROL
- ELECTRIC WINDOW
- FUEL GAUGE
- GLOW PLUG
- HEATED REAR WINDOW
- HEATED SEATS
- HORN
- KICKDOWN SOLENOID
- LIGHT CIRCUITS
- ASH TRAY
- BACKUP
- BRAKE
- BRAKE SYSTEM WARNING
- BRAKE WEAR
- DOME (FRONT)
- DOME (REAR)
- FOG
- GLOVE BOX
- HEAD
- INSTRUMENT CLUSTER
- LOW FUEL WARNING
- MARKER
- PARKING
- PREGLOW
- STANDING
- TAIL
- TRUNK
- POWER RADIO ANTENNA
- RADIO
- SEAT BELT WARNING
- SLIDING ROOF
- START
- TURN SIGNAL HAZARD
- WINDSHIELD WIPER/WASHER
- POWER BUS OF TAIL LIGHTS
- SPECIAL GROUNDING



A
B
C
D

20 | 21 | 22 | 23 | 24

LOCATION FIGURES

1977 300D



Fig 6
18 Refrigerant loss switch
20 Receiver/drier temperature switch

Fig 7
1 Cruise control actuator

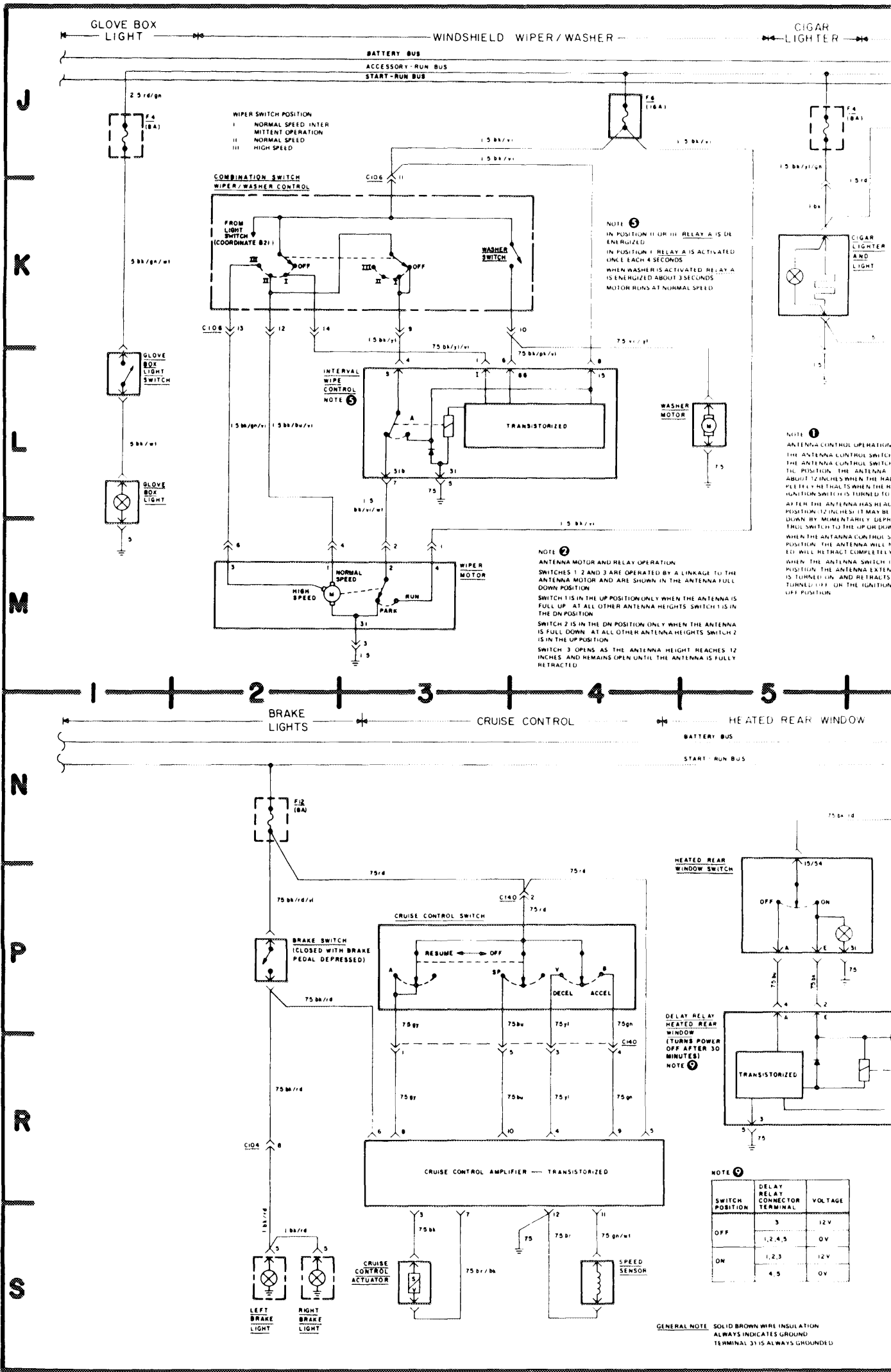
Fig 8
3 Speed sensor

Fig 9
2 Cruise control amplifier

Fig 10
8 Ambient temperature sensor

Fig 11
4 Servo assembly
22-Auxiliary water pump

AUXILIARY FAN	J19
CHARGE	A5
CIGAR LIGHTER	J5
CLIMATE CONTROL	J13
CLOCK	F12
COOLANT TEMPERATURE GAUGE	F12
CRUISE CONTROL	N3
ELECTRIC WINDOW	E4
FUEL GAUGE	F11
GLOW PLUG	A9
HEATED REAR WINDOW	N5
HEATED SEATS	N10
HORN	A4
KICKDOWN SOLENOID	N6
LIGHT CIRCUITS	
ASH TRAY	K5
BACKUP	S7
BRAKE	S2
BRAKE SYSTEM WARNING	F9
BRAKE WEAR	F10
DOVE (FRONT)	GR
DOVE (REAR)	D23
FOG	D20
GLOVE BOX	L1
HEAD	D21
INSTRUMENT CLUSTER	F11
LOW FUEL WARNING	F11
MARKER	D18
PARKING	D19
PREGLOW	D10
STANDING	D19
TAIL	D18
TRUNK	GR
POWER RADIO ANTENNA	J8
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



WIPER SWITCH POSITION
 I NORMAL SPEED INTERMITTENT OPERATION
 II NORMAL SPEED
 III HIGH SPEED

NOTE 5
 IN POSITION II OR III RELAY A IS DE-ENERGIZED.
 IN POSITION I RELAY A IS ACTIVATED UNLESS EACH 4 SECONDS.
 WHEN WASHER IS ACTIVATED RELAY A IS ENERGIZED ABOUT 3 SECONDS. MOTOR RUNS AT NORMAL SPEED.

NOTE 1
 ANTENNA CONTROL OPERATION: THE ANTENNA CONTROL SWITCH IS TURNED ON. THE ANTENNA EXTENDS ABOUT 12 INCHES WHEN THE RELAY IS ENERGIZED. WHEN THE ANTENNA HAS REACHED POSITION 12 INCHES IT MAY BE TURNED OFF BY MOMENTARILY DEPRESSING THE SWITCH TO THE UP OR DOWN POSITION. WHEN THE ANTENNA CONTROL SWITCH IS TURNED OFF IN POSITION 12, THE ANTENNA WILL RETRACT COMPLETELY. WHEN THE ANTENNA CONTROL SWITCH IS TURNED ON IN POSITION 12, THE ANTENNA EXTENDS TO POSITION 15 AND RETRACTS TO POSITION 12. ON THE POSITION 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 DN POSITION.
 SWITCH 2 IS IN THE DN 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.

NOTE 3

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

GENERAL NOTE: SOLID BROWN WIRE INSULATION ALWAYS INDICATES GROUND. TERMINAL 31 IS ALWAYS GROUND.

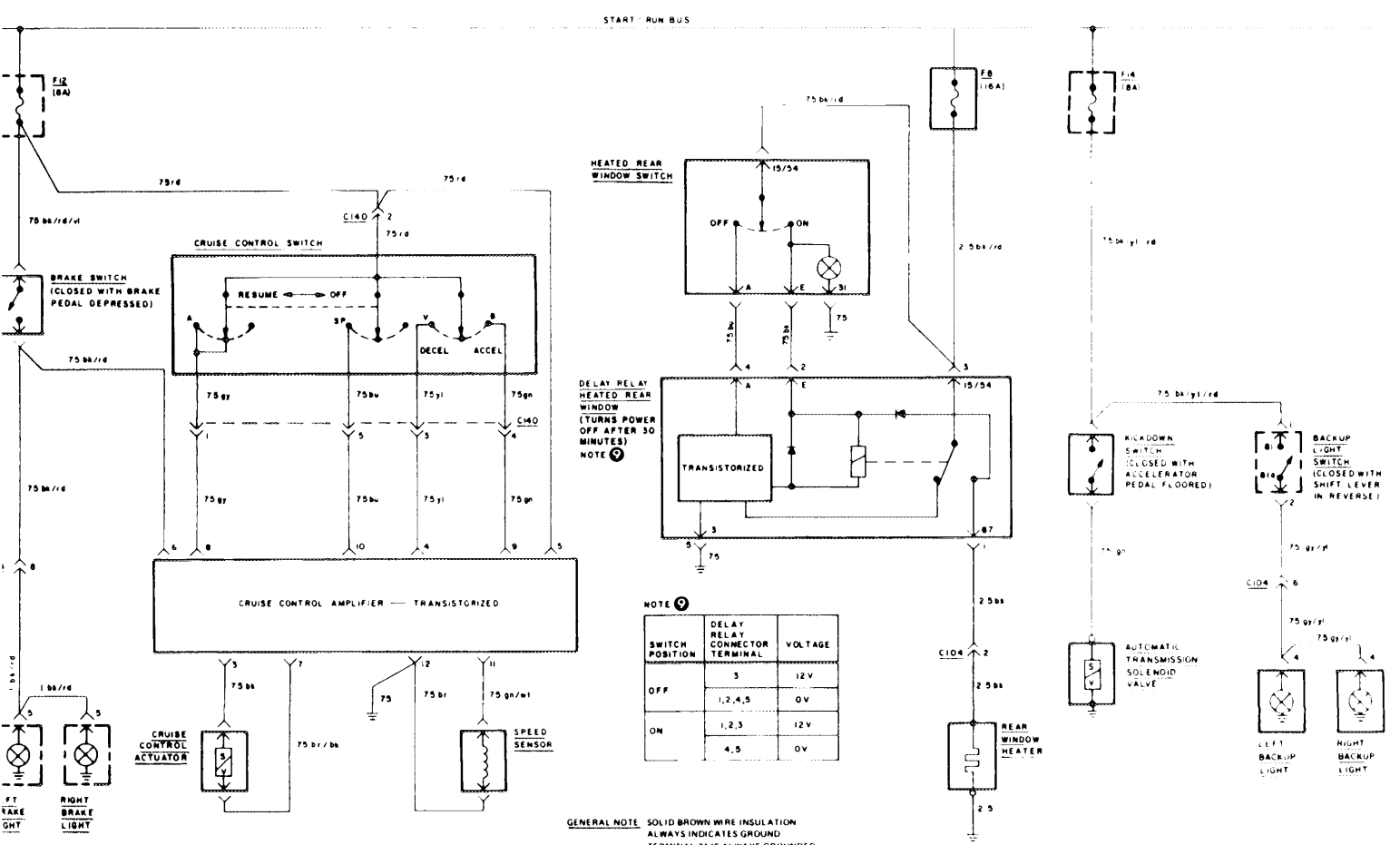
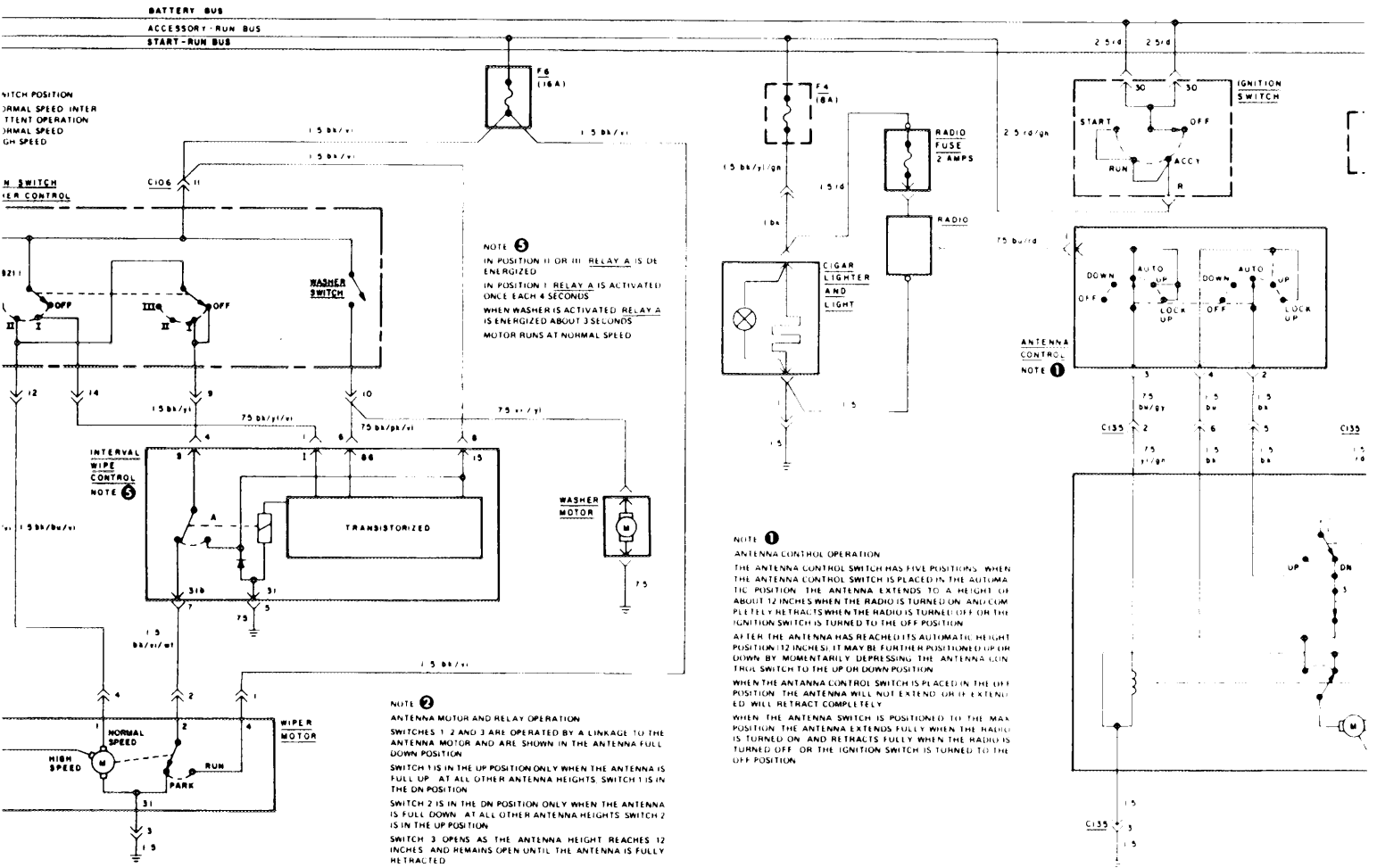
WINDSHIELD WIPER/WASHER

CIGAR LIGHTER

RADIO

ACCESSORY RUN BUS

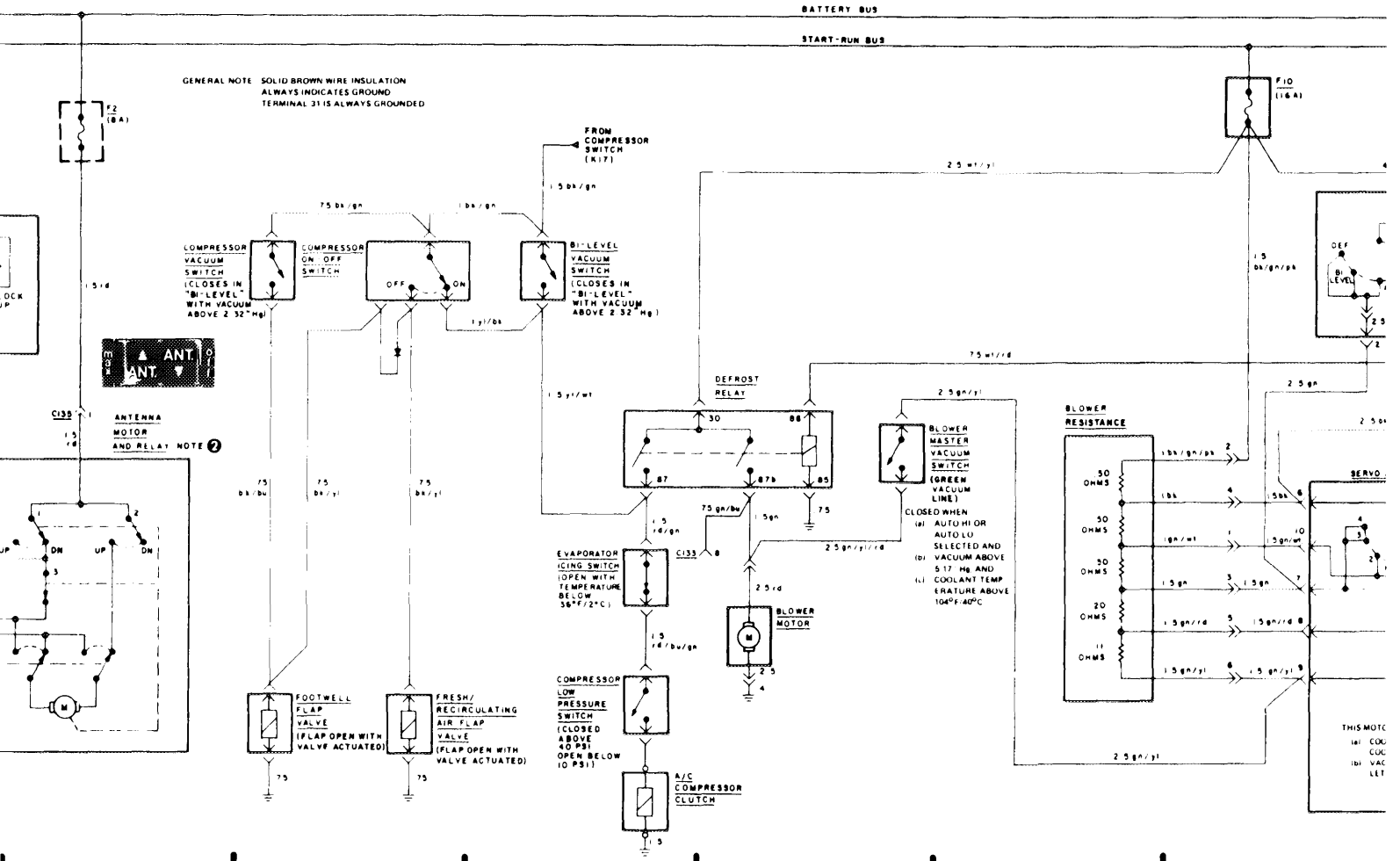
POWER



BATTERY BUS

START-RUN BUS

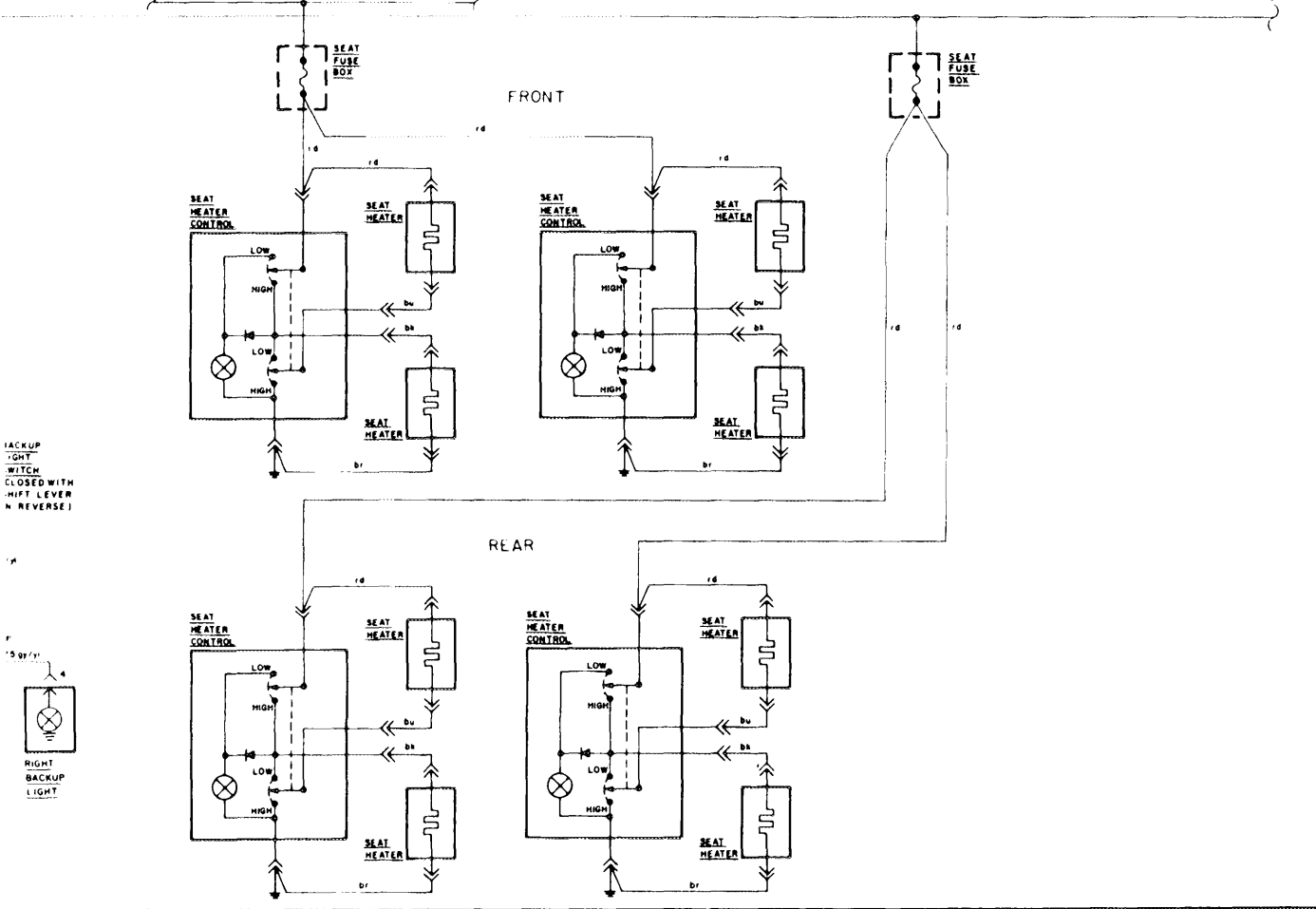
GENERAL NOTE SOLID BROWN WIRE INSULATION ALWAYS INDICATES GROUND TERMINAL 31 IS ALWAYS GROUNDING



8 | 9 | 10 | 11 | 12 | 13

HEATED SEATS

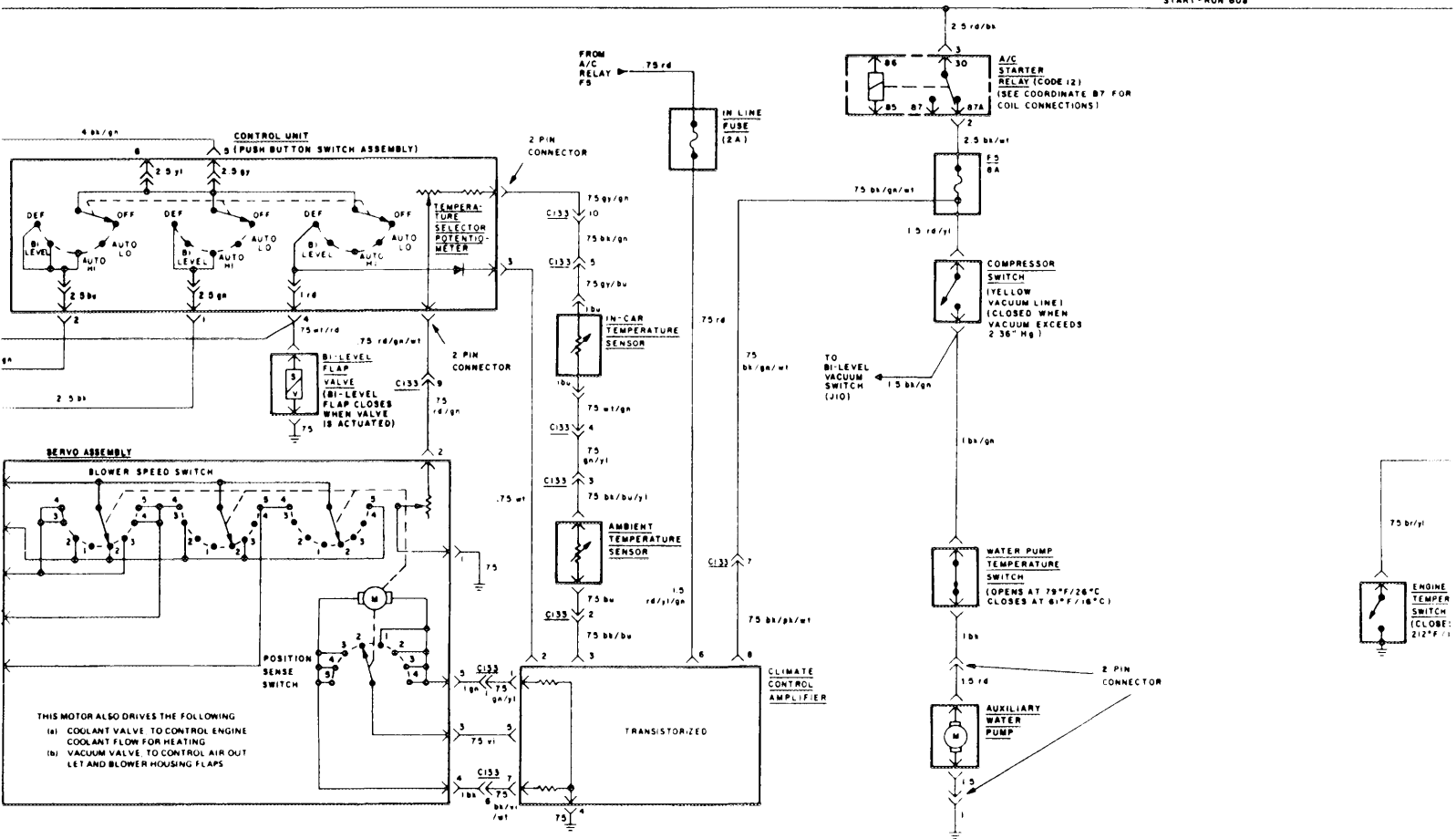
ACCESSORY-RUN-BUS



- AUXILIA
Auxiliary
- CLIMATE
Ambient
Auxiliary
Auxiliary
temper
Bi-level v.
Blower m
Blower re
Changeov
Climate c
Climate c
Compress
Compress
Engine te
Evaporat
In-car te
Receiver/
Refriger
Servo ass
- CRUISE
Cruise co
Cruise co
Speed ser
- HEATED
Delay rel
- HEATED
- KICKDO
- WINDSH
Interval v
- C 104
C 105
C 106
C 107
C 108
C 133
C 140

BACKUP LIGHT SWITCH CLOSED WITH SHIFT LEVER IN REVERSE

RIGHT BACKUP LIGHT



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 Auxiliary fan relay - code 6	In relay box						
CLIMATE CONTROL Ambient temperature sensor Auxiliary water pump Auxiliary water pump temperature switch Bi-level vacuum switch Blower master vacuum switch Blower resistors Changover relay - code 5 Climate control amplifier Climate control panel (back view) Compressor switch Compressor vacuum switch Engine temperature switch Evaporator icing switch In-car temperature sensor Receiver/drier temperature switch Refrigerant loss switch Servo assembly	Right firewall Next to servo Behind glove box Behind glove box Behind glove box In plenum chamber In relay box Behind glove box On console Behind glove box Behind glove box In plenum chamber In relay box Behind glove box On console Behind glove box Behind glove box LH side of engine Behind glove box LH dash, in speaker vent On receiver/drier On receiver/drier RH side of engine	10 11 12 13 13 14 12 16 13 13 14 12 16 13 13 12 15 6 6 4					
CRUISE CONTROL Cruise control actuator Cruise control amplifier Speed sensor	LH side of engine compartment Above brake pedal Back of speedometer	7 9 8					
HEATED REAR WINDOW Delay relay	Behind instrument panel	1					
HEATED SEATS							
KICKDOWN SOLENOID	Under accelerator pedal						
WINDSHIELD WASHER/WIPER Interval wiper control	Behind instrument panel	1					
C 104 C 105 C 106 C 107 C 108 C 133 C 140	Under dash, driver's side Firewall Under dash, driver's side Console (power window) Console (power window) Behind glove box Firewall	2 2 2 2 2 2 2	T23 T25 T23 T2 T4 T24 T1				

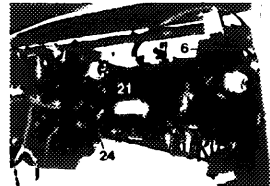


Fig 12
6 - Climate control amplifier
21 - Auxiliary water pump temperature switch
24 - Evaporator icing switch



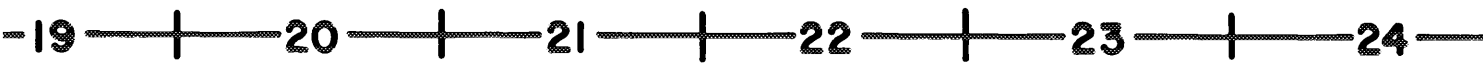
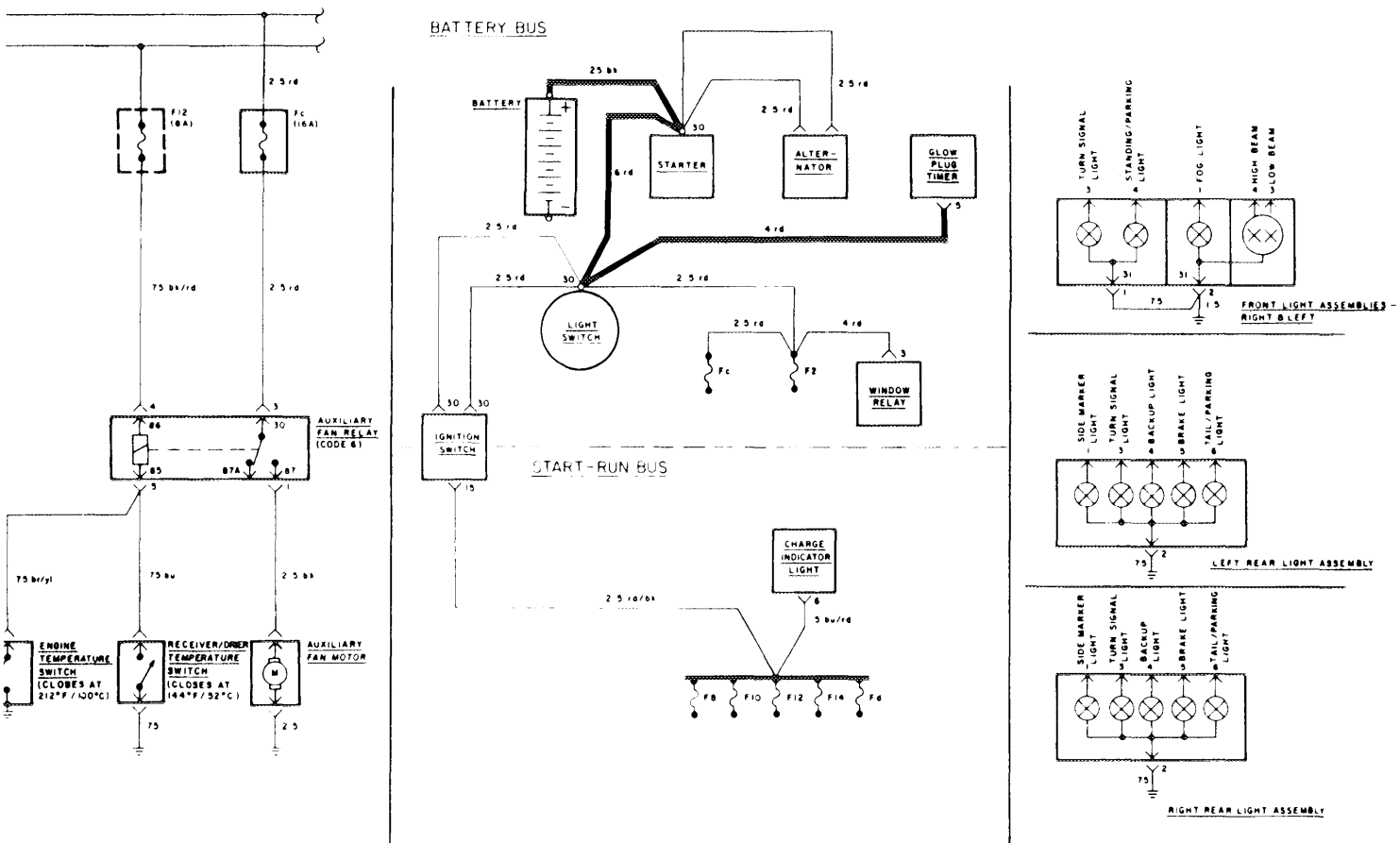
Fig 14
10 - Blower resistors



Fig 13
19 - Blower master vacuum switch (green line)
20 - Compressor switch
23 - Compressor vacuum switch
81 - Bi-level vacuum switch



Fig 15
7 - In-car temperature sensor



LOCATION FIGURES

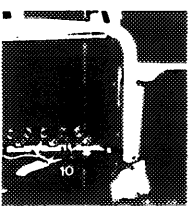


Fig 14 resistors

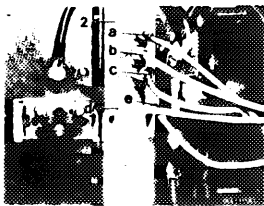


Fig 16
2 Pushbutton switch
a green
b gray
c red
d yellow
e blue

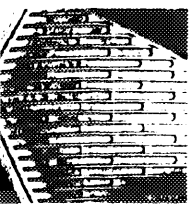


Fig 15 temperature sensor

- Fuse 1 (8 amps)**
License plate lights
Rear marker lights
Right front standing/parking light
Right tail light
- Fuse 2 (8 amps)**
Clock
Front dome light
Instrument panel lights
Power antenna
Trunk light
Turn signal/hazard flasher
- Fuse 3 (8 amps)**
Left front standing/parking light
Left tail light
- Fuse 4 (8 amps)**
Cigar lighter and light
Glove box light
Window relay
- Fuse 5 (8 amps)**
Auxiliary water pump
Climate control amplifier
- Fuse 6 (16 amps)**
Windshield wiper/washer
- Fuse 7 (8 amps)**
Right high beam
- Fuse 8 (16 amps)**
Heated rear window
- Fuse 9 (8 amps)**
Left high beam
- Fuse 10 (16 amps)**
Climate control
- Fuse 11 (16 amps)**
Fog lights
Right low beam
- Fuse 12 (8 amps)**
Auxiliary fan relay code 6
Cruise control amplifier
Instrument cluster
Turn signal hazard flasher
- Fuse 13 (8 amps)**
Left low beam
- Fuse 14 (8 amps)**
Backup lights
Glow plug timer
Horn
Kickdown solenoid
Seat belt warning unit
- Fuse a (16 amps)**
Left rear power window
Right front power window
- Fuse b (16 amps)**
Left front power window
Right rear power window
- Fuse c (16 amps)**
Auxiliary fan motor
- Fuse d (16 amps)**
Sliding roof
- Glow plug fuse (50 amps)**
Glow plugs
- Heated seat fuse**
Heated rear window
Heated front seat
- Inline climate control amplifier fuse (2 amps)**
Climate control amplifier
- Inline radio fuse (2 amps)**
Radio

1977 300D

AUXILIARY FAN	J19
CHARGE	A5
CIGAR LIGHTER	J5
CLIMATE CONTROL	J13
CLOCK	F12
COOLANT TEMPERATURE GAUGE	F12
CRUISE CONTROL	N3
ELECTRIC WINDOW	E4
FUEL GAUGE	F11
GLOW PLUG	A9
HEATED REAR WINDOW	N5
HEATED SEATS	N10
HORN	A4
KICKDOWN SOLENOID	N6
LIGHT CIRCUITS	
ASH TRAY	K5
BACKUP	S7
BRAKE	S2
BRAKE SYSTEM WARNING	F9
BRAKE WEAR	F10
DOME (FRONT)	G8
DOME (REAR)	D23
FOG	D20
GLOVE BOX	L1
HEAD	D21
INSTRUMENT CLUSTER	F11
LOW FUEL WARNING	F11
MARKER	D18
PARKING	D19
PREGLOW	D10
STANDING	D19
TAIL	D18
TRUNK	G8
POWER RADIO ANTENNA	J8
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