

TRUNK LIGHT

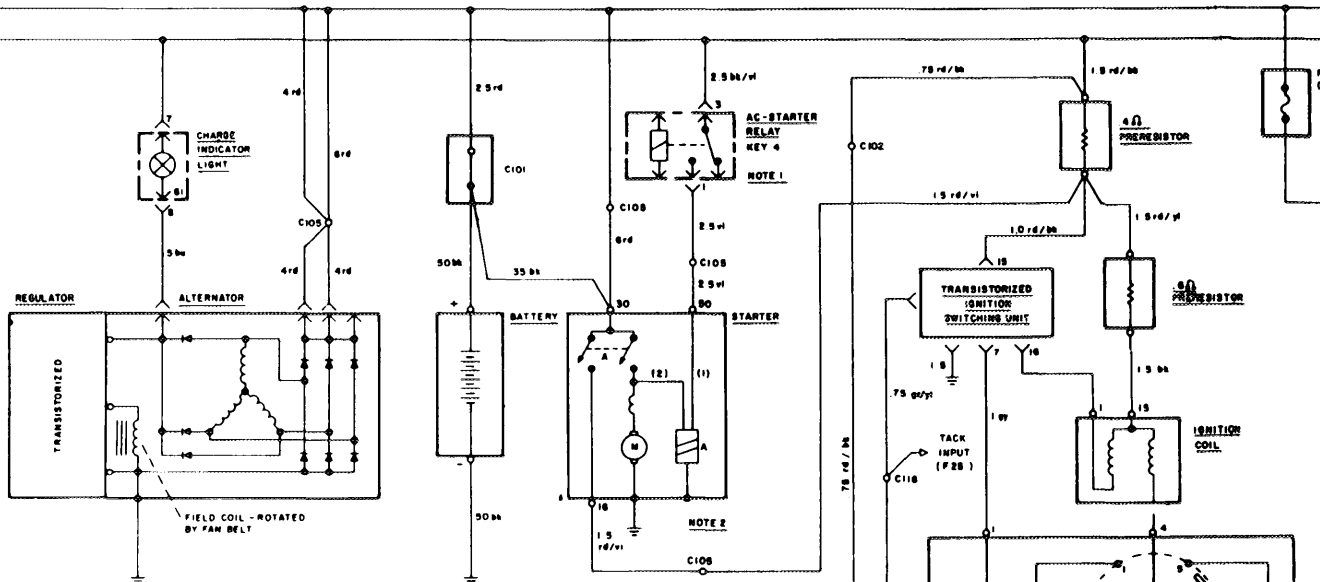
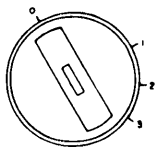
CHARGE

START

IGNITION SYSTEM

KEY SWITCH

- POS 0 - OFF
- POS 1 - RADIO
- POS 2 - RUN
- POS 3 - START



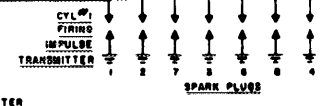
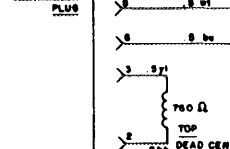
NOTE 1

THE AC - STARTER RELAY AUTO Matically DISengAgES THE AIR CONDITiONING CLUTCH DURING ENgINE CRANKING.

NOTE 2

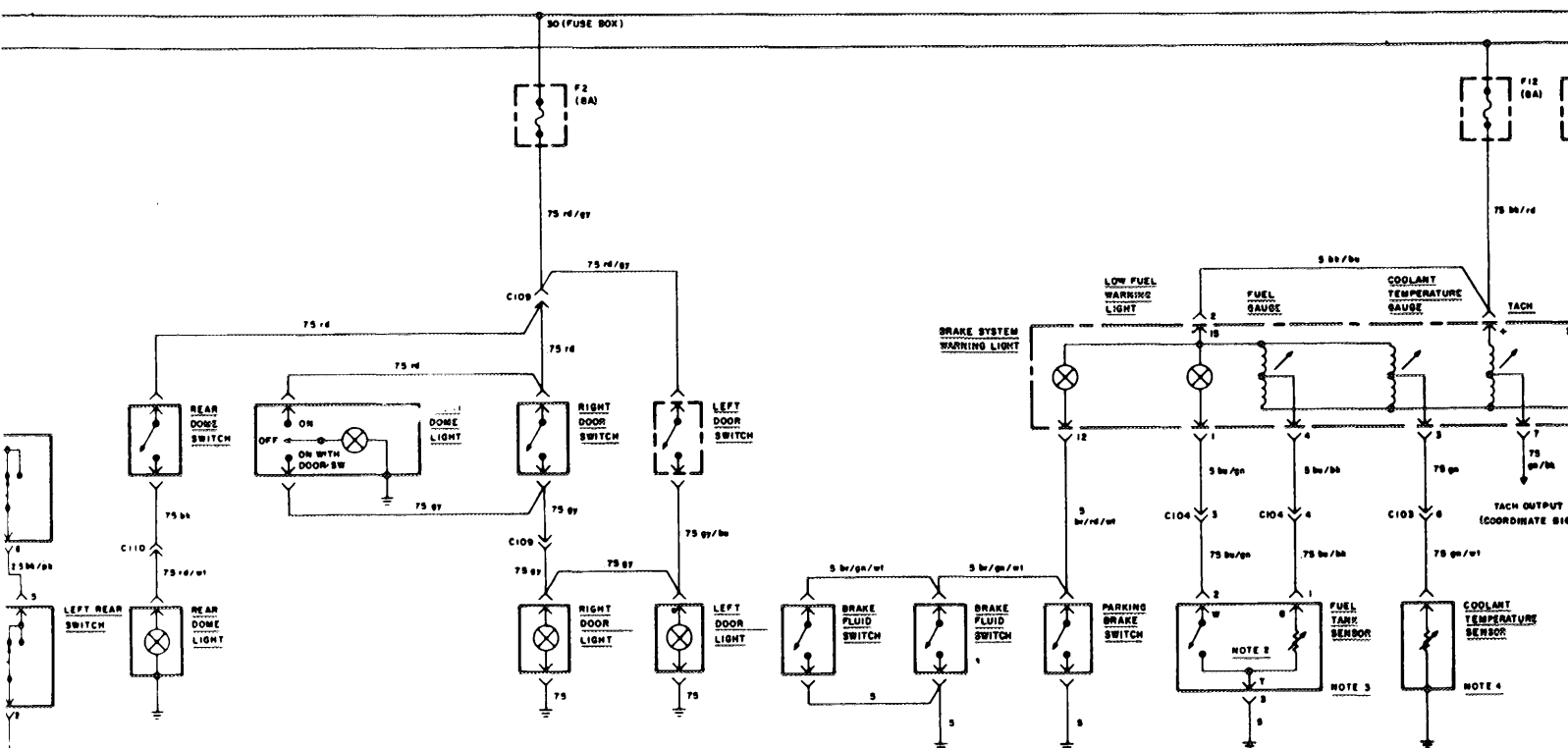
WINDING (1) WILL ENgAgE STARTER WINDING (2) PROVIDES ADDITIONAL HOLDING POWER TO ASSURE STARTER DOES NOT DROPOUT DUE TO LOW BATTERY BUS VOLTAGE DURING STARTING. WINDING (2) ALONE WILL NOT KEEP STARTER ENgAgED

DIAGNOSTIC PLUG



INTERIOR LIGHTS

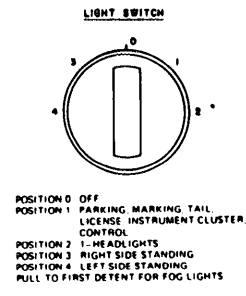
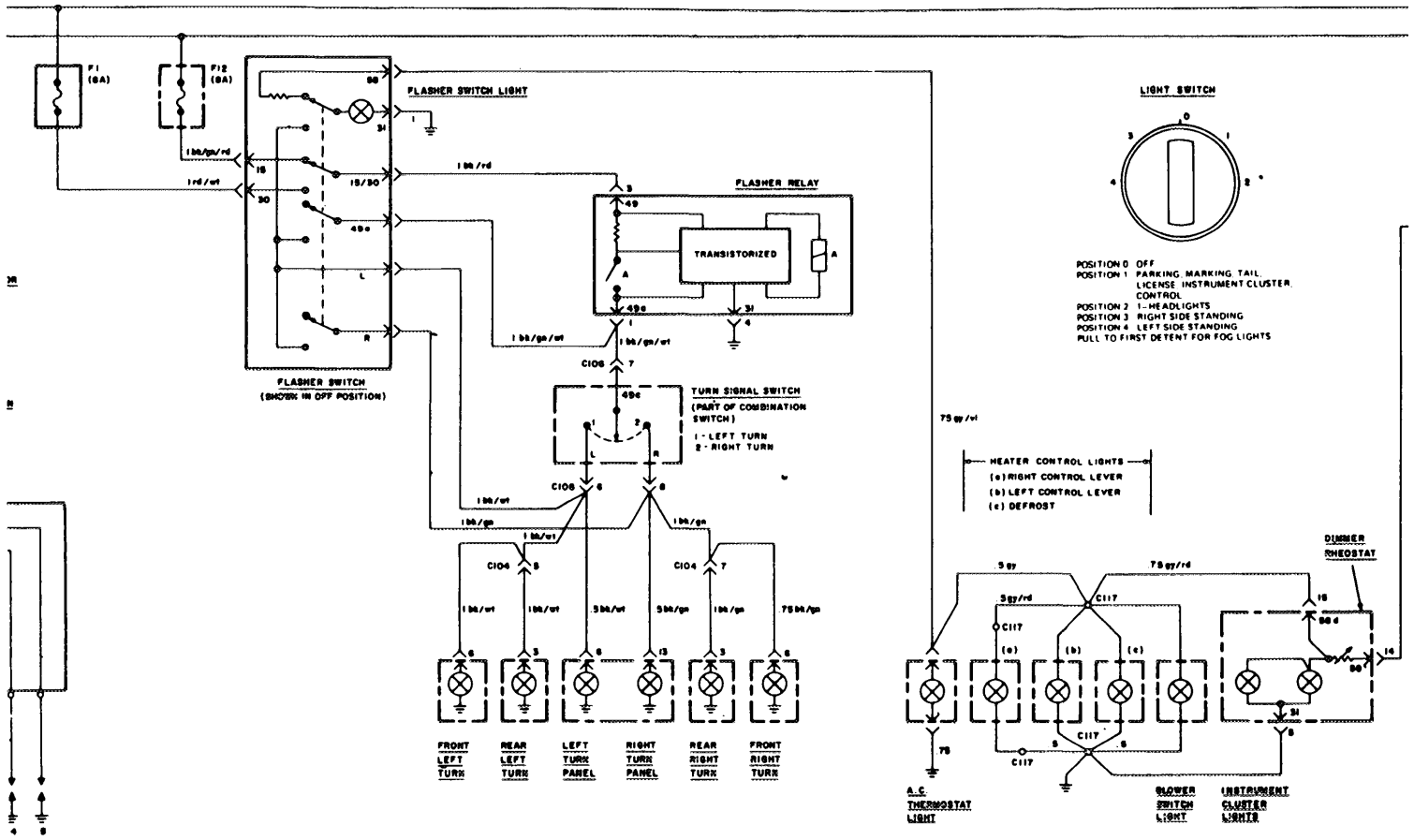
INSTRUMENT CLUSTER



NOTE 2
SWITCH CLOSED WITH APPROXIMATELY 5 GALLONS OR LESS FUEL IN TANK

NOTE 3
RESISTANCE OF SENSOR
FULL TANK 2 OHMS
3/4 TANK 10 OHMS
1/2 TANK 30 OHMS
1/4 TANK 57 OHMS
R TANK 76 OHMS

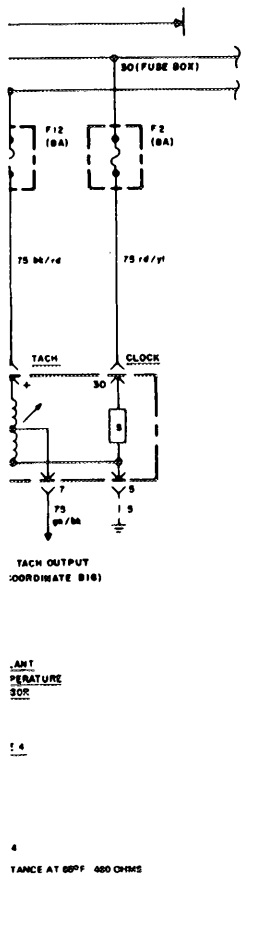
NOTE 4
RESISTANCE AT 60°F ± 1

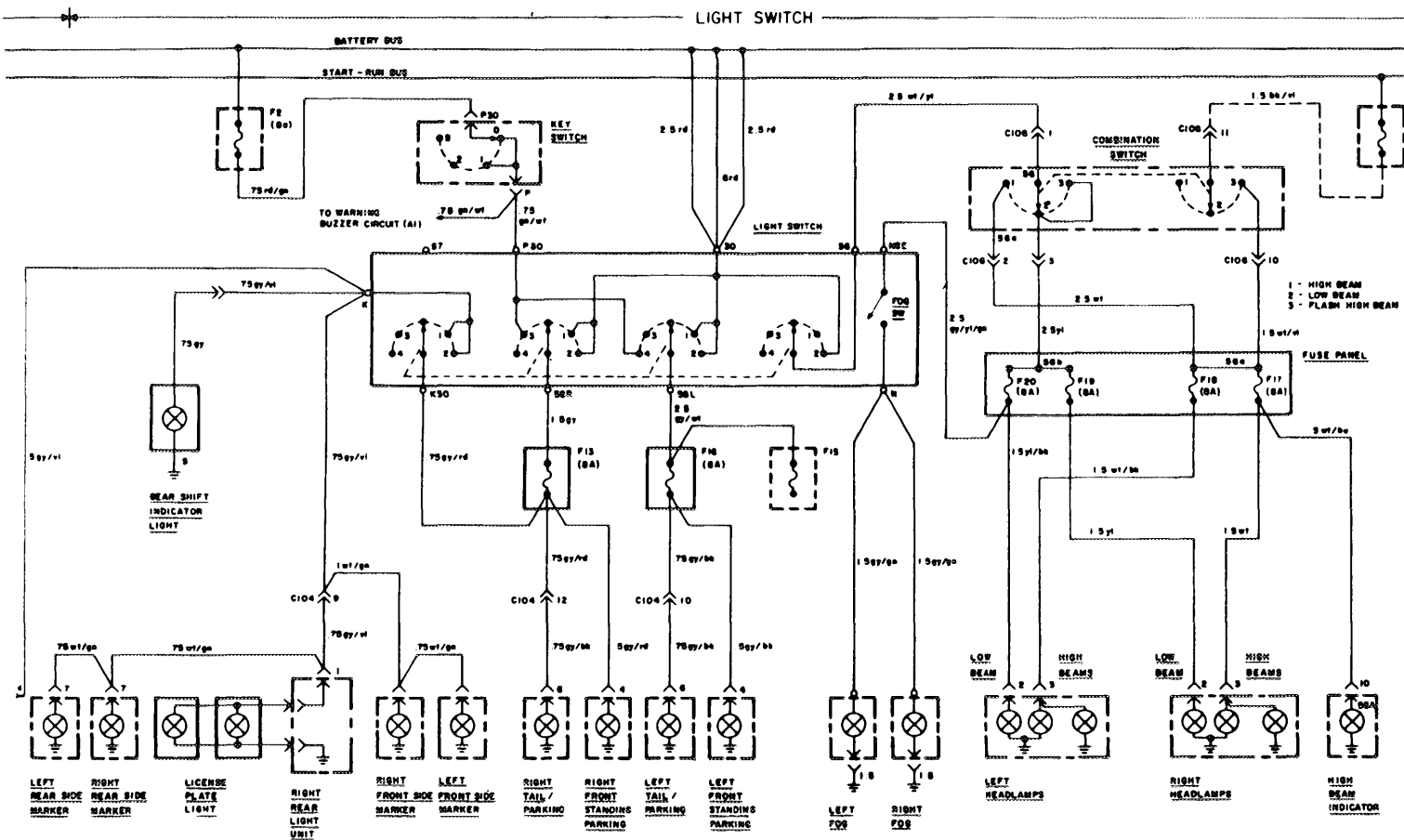


12 | 13 | 14 | 15 | 16 | 17

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				LIGHT SWITCH			
Regulator	Alternator			C 104 (12 pins)	Right kick panel	4	T4
C 105	Right fender interskirt			C 106 (14 pins)	Driver's side — under dash	1	T5
CONTROL LIGHTS				SEAT BELT WARNING			
C 117	Behind radio in console			Ignition warning switch	Ignition switch		
				Warning unit (buzzer)	Under dash-driver's side	1	T12
FUSES	Right kick panel	4		SLIDING ROOF			
IGNITION SYSTEM				Motor	Right side trunk		
Coil	Left fender interskirt	2		START			
0.4 ohm preresistor	Left fender interskirt	2		A/C starter relay, key 4	Right kick panel	4	T7
0.6 ohm preresistor	Left fender interskirt	2		C 105	Right fender interskirt		
Transistorized ignition switching unit	Left front interskirt	8		TURN SIGNAL AND FLASHER			
INSTRUMENT CLUSTER				Flasher relay	Driver's side — behind inst panel	1	T6
Brake fluid switches	Top of master cylinder			C 104 (12 pins)	Right hand kick panel	4	T4
Coolant temp sensor	Top, right, rear engine	6		C 105 (14 pins)	Driver's side — under dash	1	T5
Fuel tank sensor	Below hat rack — Coupe In soft top housing — Roadster			WINDOWS			
Parking brake switch	Above parking brake	4	T2	Switch	Right kick panel	4	T8
C 103 (6 pins)	Right hand kick panel	4	T4	Window relay — key 10	Console, right side		
C 104 (12 pins)	Right hand kick panel	4		C 108			
INTERIOR & TRUNK LIGHTS							
C 109	Console						
C 110	Center dashboard — left front						
KICKDOWN							
Switch	Below accelerator pedal	1					





LOCATION FIGURES

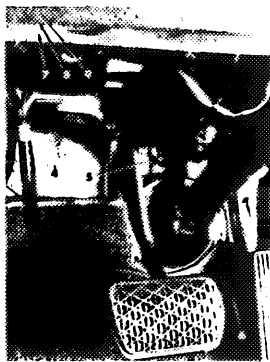


Fig 1
4 - Seat belt warning unit
5 - Wiper interval relay
6 - Kickdown switch
7 - C106
8 - Turn signal flasher
9 - Seat belt buzzer (above air distribution tube)



Fig 2
7 - 0.4 ohm pre-resistor
8 - 0.6 ohm pre-resistor
9 - Ignition coil



Fig 3
1 - C119
2 - C120
3 - C118

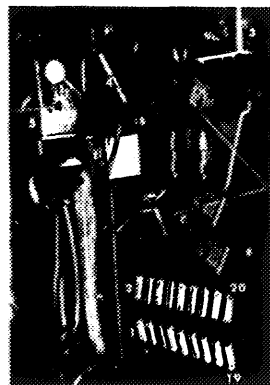


Fig 4
1 - 2 - 19 - 20 - Fuses
3 - Heated rear window delay relay
4 - C111
5 - Hot start relay
6 - Points to C104 (near) and C103 (far)
7 - Relays



Fig 5
Air temperature sensor



Fig 6
1 - Coolant temperature sensor (sending unit)

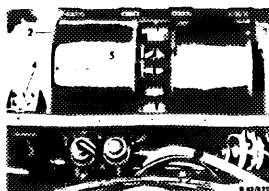


Fig 7
3 - Pre-resistor connector
4 - Pre-resistors
5 - Blower motor

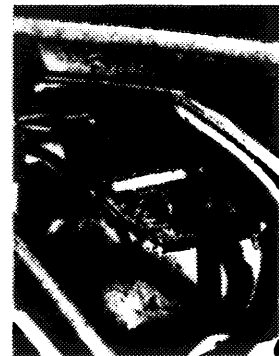
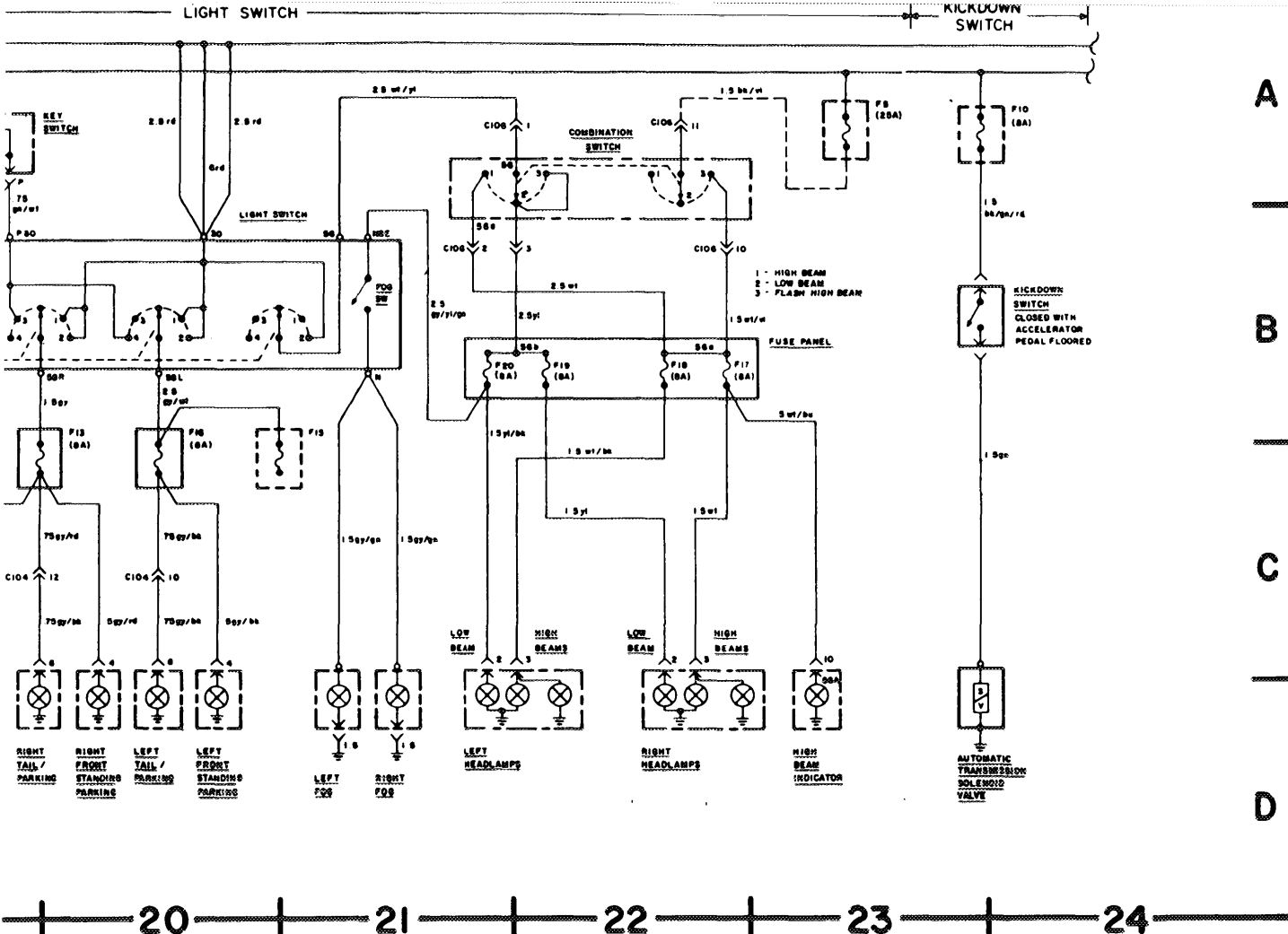


Fig 8
1 - Transistorized ignition switching unit

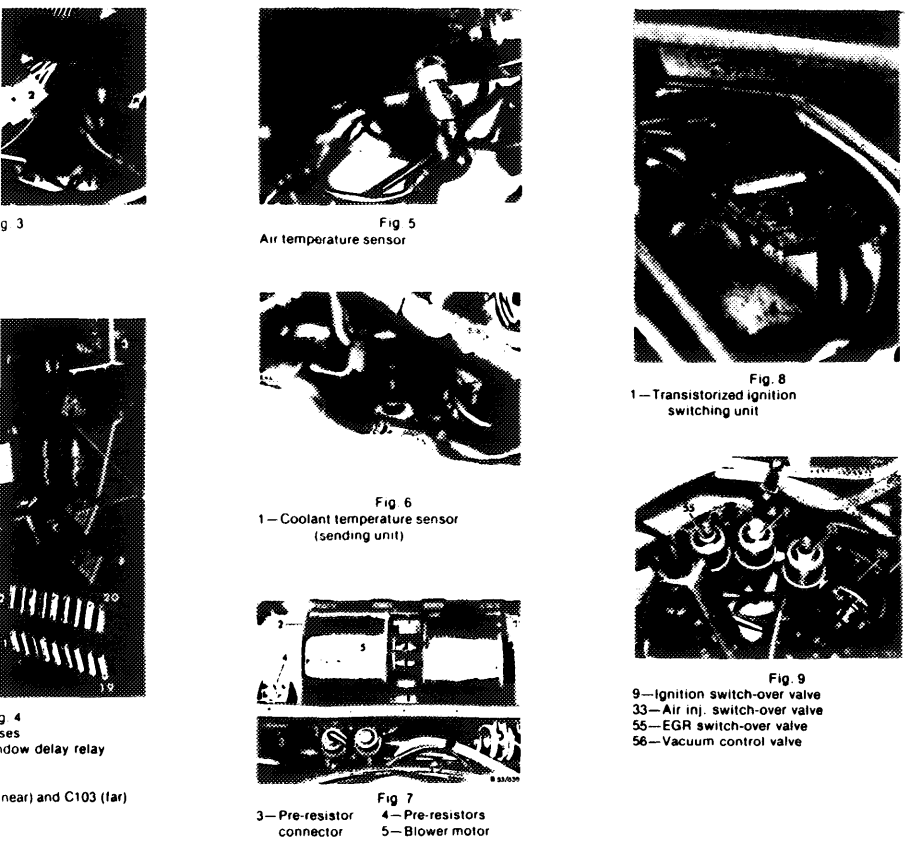


Fig 9
9 - Ignition switch-over valve
33 - Air inj. switch-over valve
55 - EGR switch-over valve
56 - Vacuum control valve



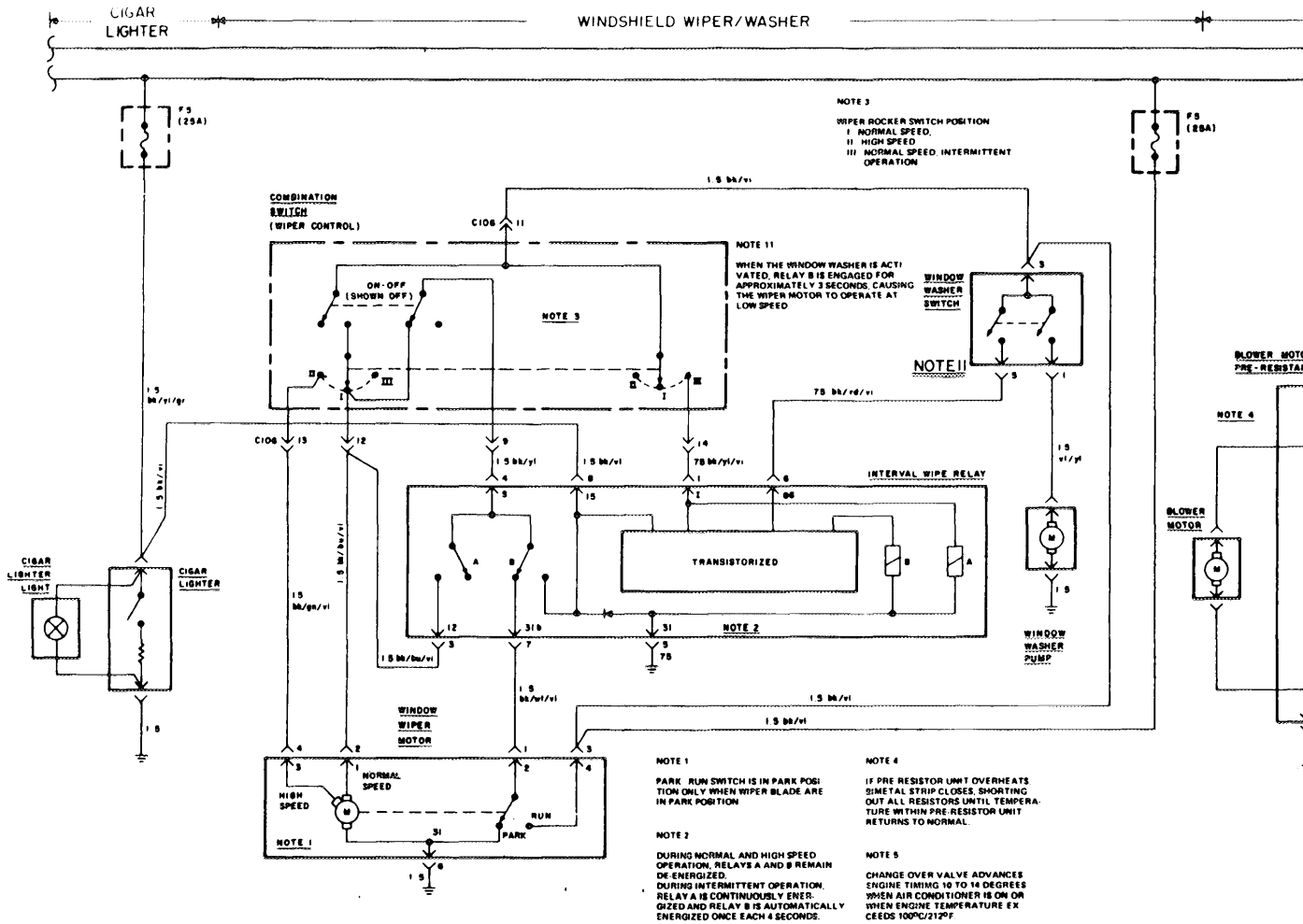
A
B
C
D

LOCATION FIGURES



1975 450 SL/SLC

AIR CONDITIONING CONTROL	R8
AUXILIARY FAN	R11
BLOWER MOTOR CONTROL	R7
CHANGE-OVER VALVE	R9
CHARGE	B7
CIGAR LIGHTER	R1
CLOCK	F24
COLD START	R15
COOLANT TEMPERATURE GAUGE	F23
CRUISE CONTROL	P15
ENGINE EMISSION CONTROL	R14
EGR	R17
FUEL GAUGE	F23
FUEL INJECTION	P22
FUEL PUMP	R14
HEATED REAR WINDOW	P12
HEATER CONTROL	P7
HORNS	P13
HOT START	R12
IGNITION SYSTEM	B11
KICKDOWN	B23
LIGHT CIRCUITS	
AIR CONDITIONING THERMOSTAT	D15
BACKUP	P18
BRAKE	P14
BRAKE SYSTEM WARNING	F22
CIGAR LIGHTER	R1
FOG	D20
GEAR SELECTOR	B17
GLOVE BOX	R19
HEAD	D21
INSTRUMENT CLUSTER	F23/D16
INTERIOR	F20
LOW FUEL WARNING	F22
MARKER	D17/D18
PARKING	D19
STANDING	D19
TAIL	D14
TRUNK	C5
RADIO	
ANTENNA	C4
SEAT BELT WARNING	B2
SLIDING ROOF	F13
START	B3/B9
TURN SIGNAL/FLASHER	B13
TACH	F24
WINDOWS	F18
WINDSHIELD WIPER/WASHER	R4
POWER BUS DETAILS	P19
SPECIAL GROUNDING CIRCUITS	P22



COMPONENT INDEX

SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM. FIG NO	SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM. FIG NO
AC CONTROL AC/Starter relay	Right kick panel	4	T7	FUEL INJECTION Air temperature sensor	Air cleaner	5	
AUXILIARY FAN Auxiliary fan relay	Right kick panel	4	T7	Impulse trigger	Distributor		
Auxiliary fan cut-out relay	Right kick panel	4	T7	Intake manifold sensor	Below master cylinder		
Temp. switch — refrigerant	Receiver — dryer			Throttle valve switch	Right side throttle housing	10	
Engine temp. switch	Top front engine			FUEL PUMP Main relay — fuel injection — key 3	Top front engine		
BACKUP LIGHTS C104 (12 pins)	Right kick panel	4	T4	Fuel pump relay — key 1	Right kick panel	4	T7
BLOWER MOTOR CONTROL Blower motor	Engine side firewall	7		C104 (12 pins)	Right kick panel	4	T4
Pre-resistances	Engine side firewall	7		C 103 (6 pins)	Right kick panel	4	T2
BRAKE LIGHTS Switch	Above brake pedal			FUSES	Right kick panel	4	
C 104 (12 pins)	Right kick panel	4	T4	HEATED REAR WINDOW Relay	Under dash — passenger side	4	T14
CHANGE-OVER VALVE Change-over valve relay—key 5	Right kick panel	4	T7	C 123	Behind flap — rear, right sidewall		
Change-over valve (yellow)	Right front fender	9		HORNS C 106 (14 pins)	Driver's side — under dash	1	T5
COLD START AC/Starter relay — key 4	Right kick panel	4	T7	HOT START Hot start relay	Pass. side, under dash	4	
Cold start valve relay — key 2	Right kick panel	4	T7	Water temp. sensor	Top front engine	13	
Thermo time switch	Top center engine	13		WINDSHIELD WIPER/WASHER Interval wipe relay	Driver's side — under dash	1	T10
Cold start-valve	Top front engine	15		Washer pump	Right fender innerskirt		
C 104 (12 pins)	Right kick panel	4	T4	Wiper motor	Left of brake booster		
C 103 (6 pins)	Right kick panel	4	T2	C 106 (14 pins)	Driver's side — under dash	1	T5
CRUISE CONTROL Amplifier	Left of brake pedal	12					
Speed sensor	In speedometer cable near steering col.	11					
Throttle actuator	Right fender innerskirt	14					
C 118	Driver's side — under dash	3					
C 119	Driver's side — under dash	3					
C 120	Driver's side — under dash	3					
C 121	Left fender innerskirt						
ENGINE EMISSION CONTROL EGR/Ignition advance relay — key 19	Right kick panel	4	T7				
Air injection switch-over valve (bu)	Behind right headlight	9					
Air injection temp. switch	Front right engine — oil filter mount						
EGR temperature switch	Left rear cylinder head						
EGR switch-over valve (red)	Behind right headlight	9					



Fig. 10
2—Throttle valve switch



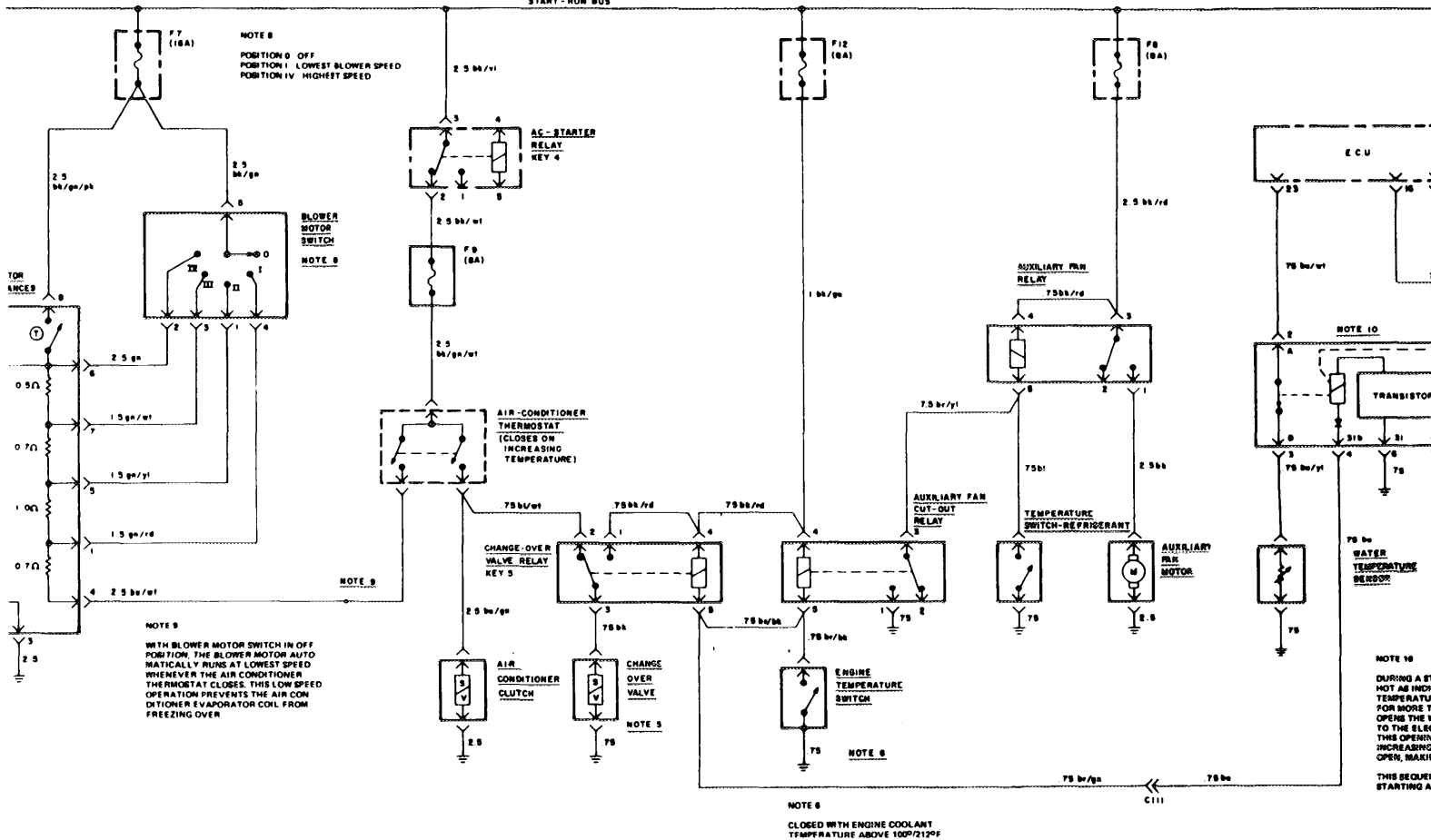
Fig. 11
3—Cruise control speed sensor



Fig. 12
2—Cruise control amplifier

BATTERY BUS

START - RUN BUS



LOCATION FIGURES

1975 450 SL/SLC



Fig 13

6—Thermo time switch
7—Water temperature sensor (E.F.1)
8—100°C/212°F engine temperature switch



Fig 14

4—Cruise control throttle actuator

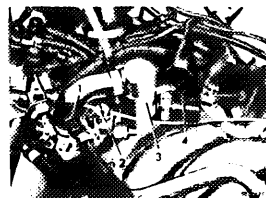


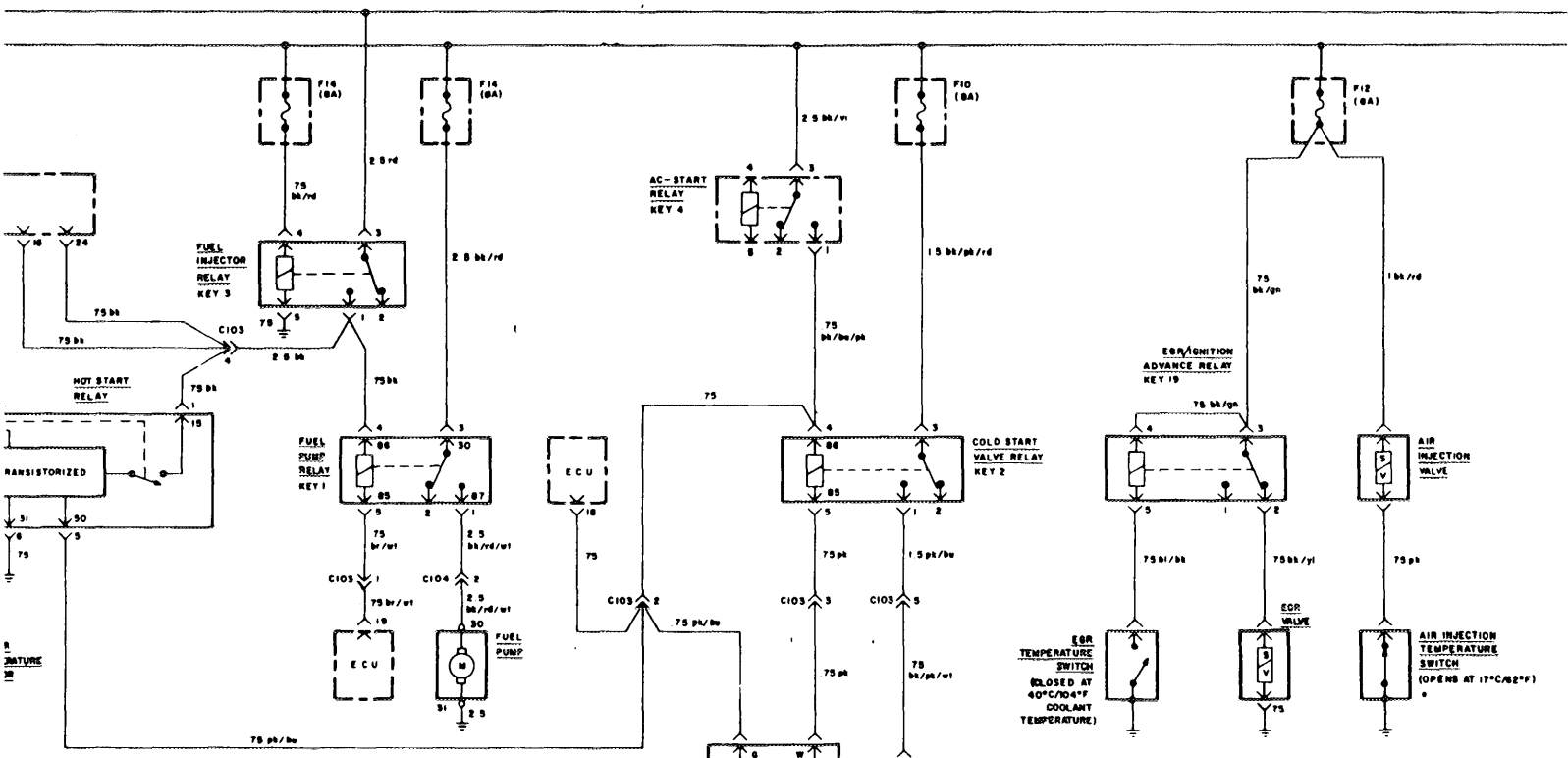
Fig 15

1—Cold start valve

FUSE DATA

- Fuse 1 (8 amps)**
Flasher
- Fuse 2 (8 amps)**
Clock
Front standing/parking lights
Glove box light
Interior lights
Key buzzer
Radio antenna
Tail/parking lights
Trunk light
- Fuse 3 (16 amps)**
Left front windows
Right rear windows
Sliding roof
- Fuse 4 (16 amps)**
Left rear windows
- Fuse 5 (25 amps)**
Cigar lighter
High beams
High beam indicator
Horns
Windshield wiper/washer
- Fuse 6 (5 amps)**
Radio
- Fuse 7 (16 amps)**
Blower motor
- Fuse 8 (8 amps)**
Auxiliary fan motor
Seat belt warning
- Fuse 9 (8 amps)**
Air conditioner clutch
- Fuse 10 (8 amps)**
Brake lights
Cold start valve
Cruise control
Kickdown solenoid
- Fuse 11 (16 amps)**
Heated rear window
- Fuse 12 (8 amps)**
Air injection valve
Auxiliary fan cut-out relay
Backup lights
Change-over valve relay
EGR valve
Instruments
Turn signal
Window control
- Fuse 13 (8 amps)**
A.C. thermostat illumination
Blower switch illumination
Flasher illumination
Front side markers
Front standing/parking (right)
License plate light
Rear side markers
Tail/parking light (right)
- Fuse 14 (8 amps)**
Fuel injector relay
Fuel pump
- Fuse 15**
Not used
- Fuse 16 (8 amps)**
Front standing/parking light (left)
Tail/parking light (left)
- Fuse 17 (8 amps)**
High beam indicator
Right headlights, high beam
- Fuse 18 (8 amps)**
Left headlights, high beam
- Fuse 19 (8 amps)**
Right headlight, low beam
- Fuse 20 (8 amps)**
Fog lights
Left headlight, low beam

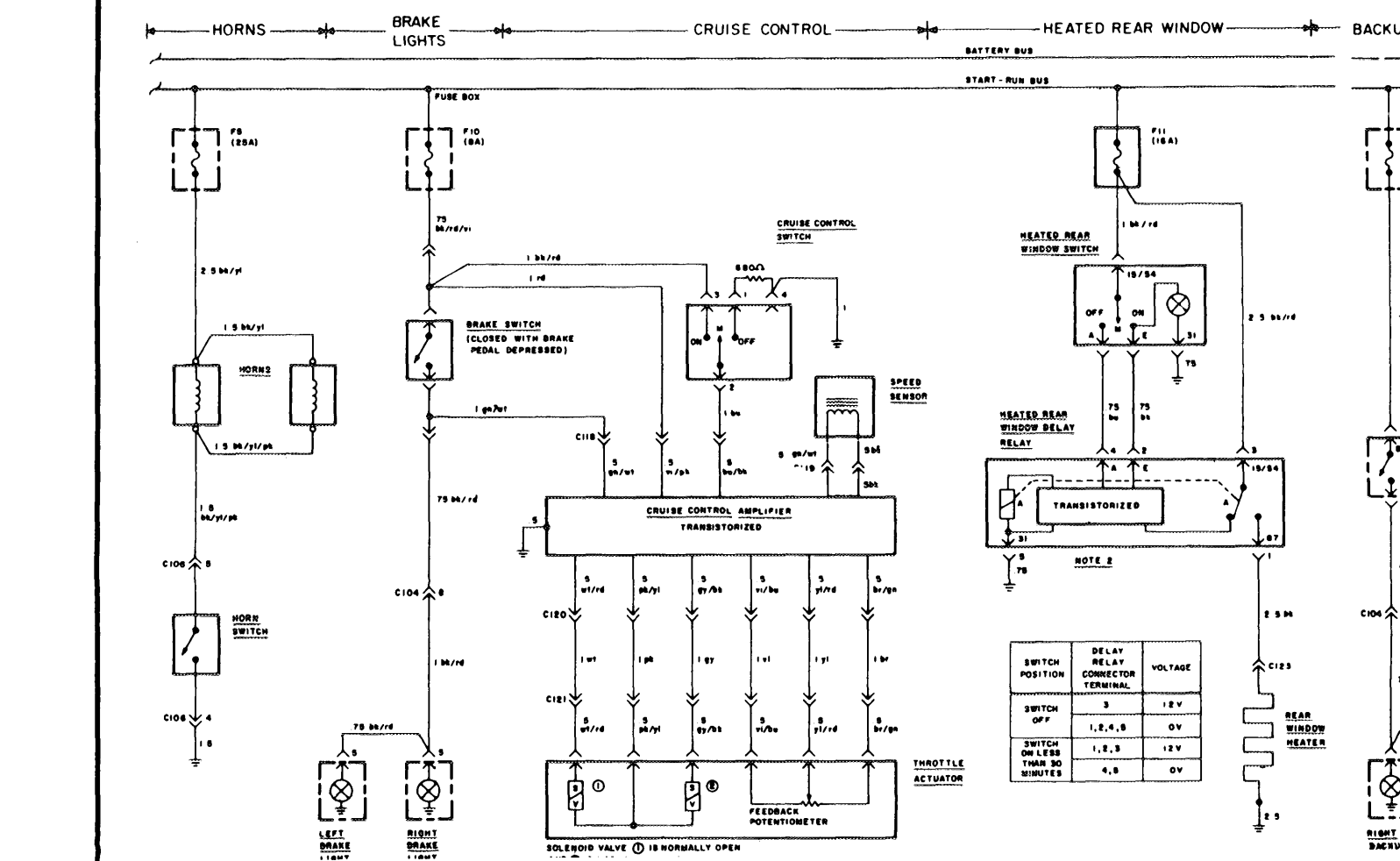
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FUEL PUMP	R14
HEATED REAR WINDOW	P12
HEATER CONTROL	P7
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HOT START	R12
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KICKDOWN	B23
LIGHT CIRCUITS	
AIR CONDITIONING THERMOSTAT	D15
BACKUP	P18
BRAKE	P14
BRAKE SYSTEM WARNING	F22
CIGAR LIGHTER	R1
FOG	D20
GEAR SELECTOR	B17
GLOVE BOX	R19
HEAD	D21
INSTRUMENT CLUSTER	F23/D26
INTERIOR	F20
LOW FUEL WARNING	F22
MARKER	D17/D18
PARKING	D19
STANDING	D19
TAIL	D14
TRUNK	C5
RADIO	
ANTENNA	C4
SEAT BELT WARNING	B2
SLIDING ROOF	F13
START	B3/B9
TURN SIGNAL/FLASHER	B13
TACH	F24
WINDOWS	F16
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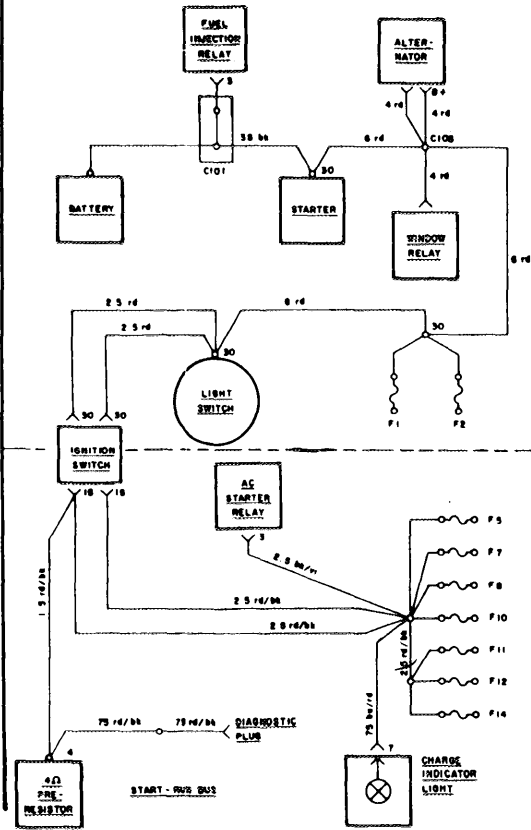
NOTE 10

URING A STARTING ATTEMPT, IF THE ENGINE IS OT AS INDICATED BY THE 100°C/212°F ENGINE MPERATURE SWITCH, THE STARTER IS ENGAGED OR MORE THAN 3 SECONDS, THE HOT START RELAY PENS THE WATER TEMPERATURE SENSOR INPUT O THE ELECTRONIC CONTROL UNIT FOR 4 SECONDS HIS OPENING ENRICHES THE FUEL AIR MIXTURE BY INCREASING THE TIME THE INJECTION VALVES ARE PEN, MAKING STARTING EASIER.

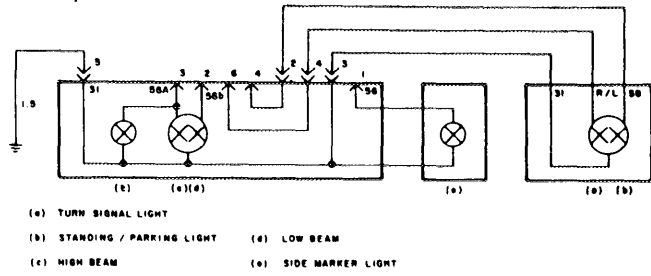
HIS SEQUENCE OCCURS ONLY ONCE DURING EACH ARTING ATTEMPT.



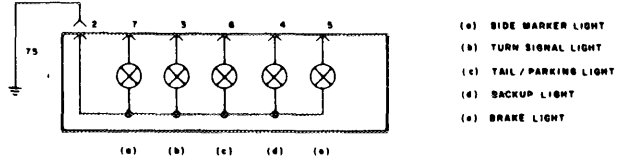
BATTERY BUS



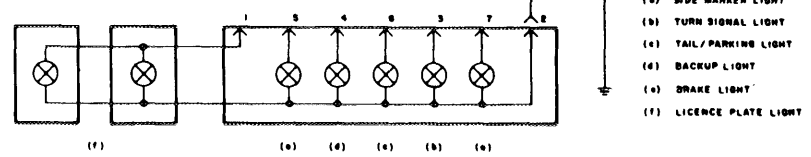
FRONT LIGHT CIRCUIT (LEFT & RIGHT)



LEFT REAR LIGHT CIRCUIT



RIGHT REAR LIGHT CIRCUIT



19

20

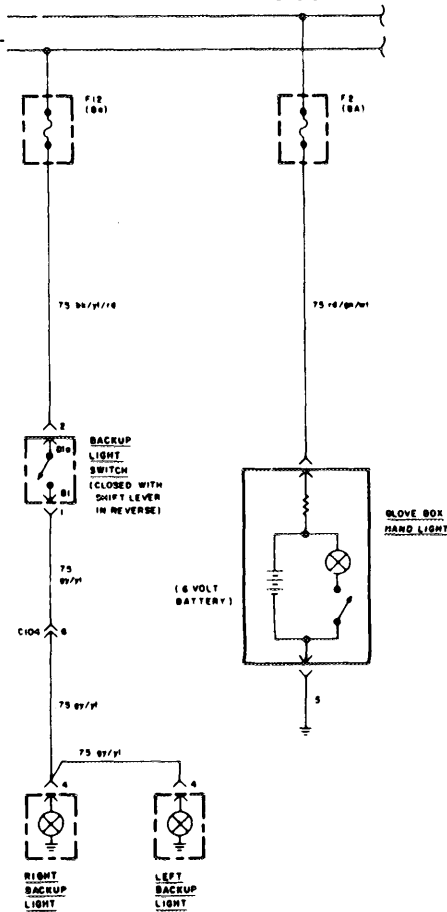
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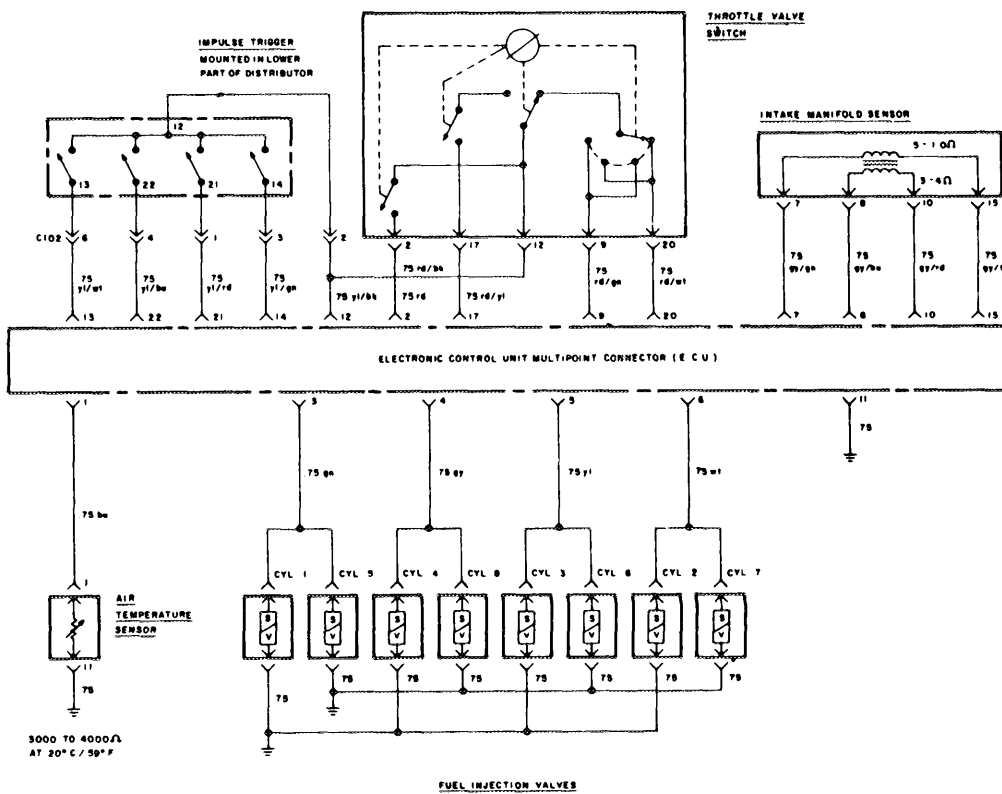
23

24

BACKUP LIGHTS GLOVE BOX HAND LIGHT



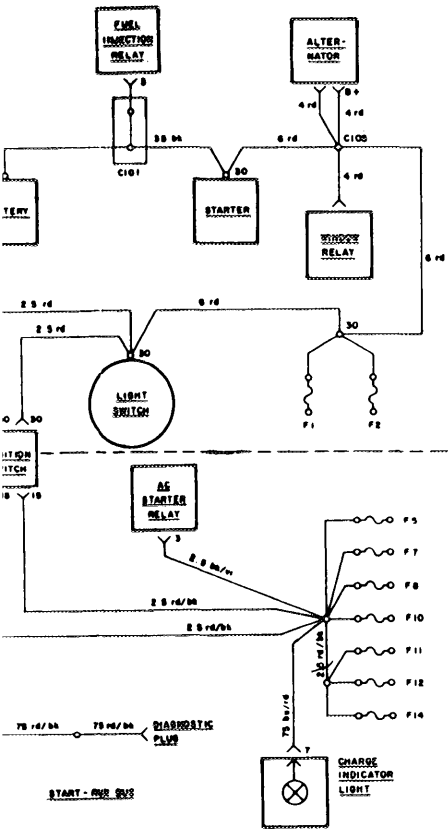
FUEL INJECTION



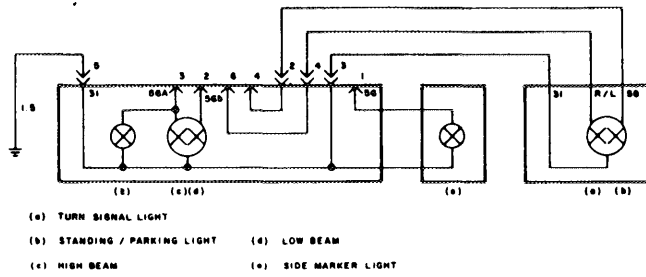
3000 TO 4000Ω AT 20° C / 59° F

FUEL INJECTION VALVES

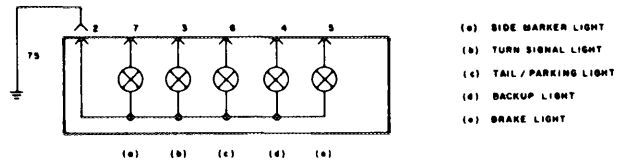
19 BUS



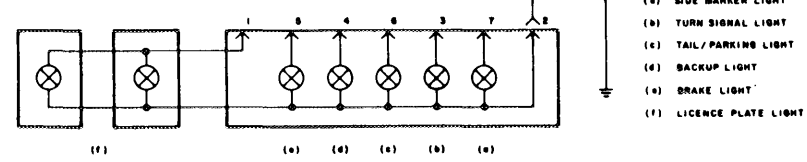
FRONT LIGHT CIRCUIT (LEFT & RIGHT)



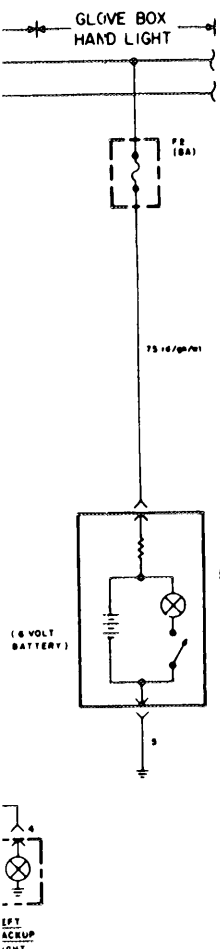
LEFT REAR LIGHT CIRCUIT



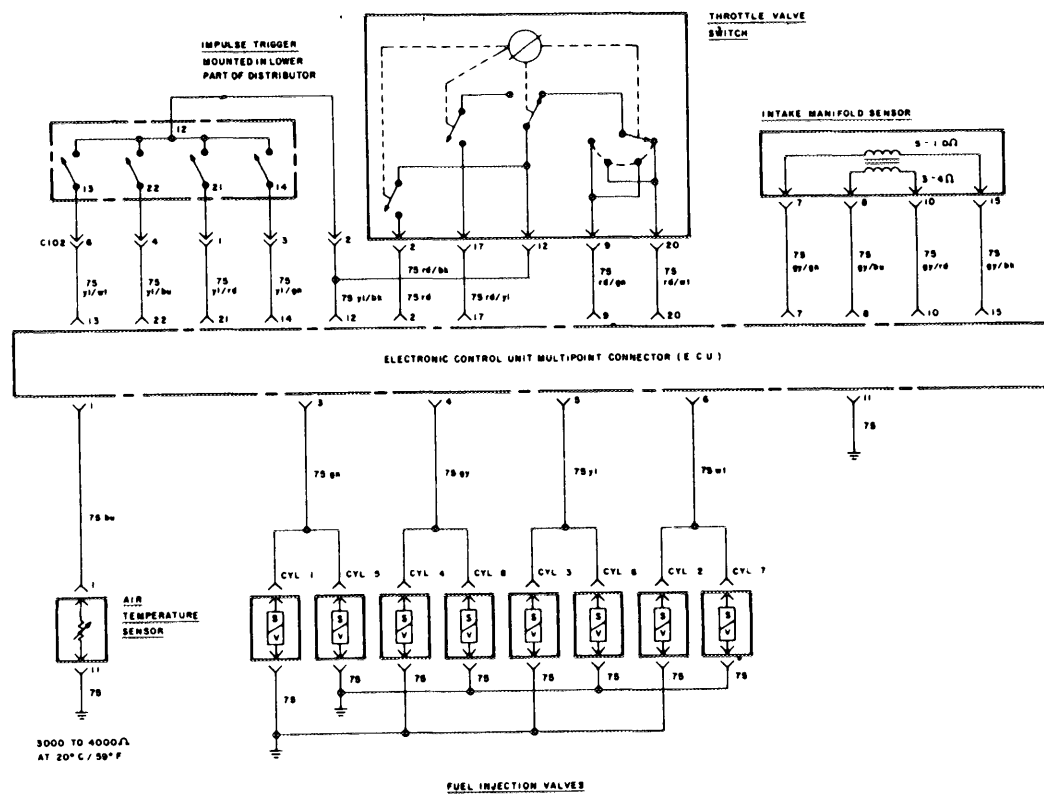
RIGHT REAR LIGHT CIRCUIT



19 | 20 | 21 | 22 | 23 | 24



FUEL INJECTION



J
K
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