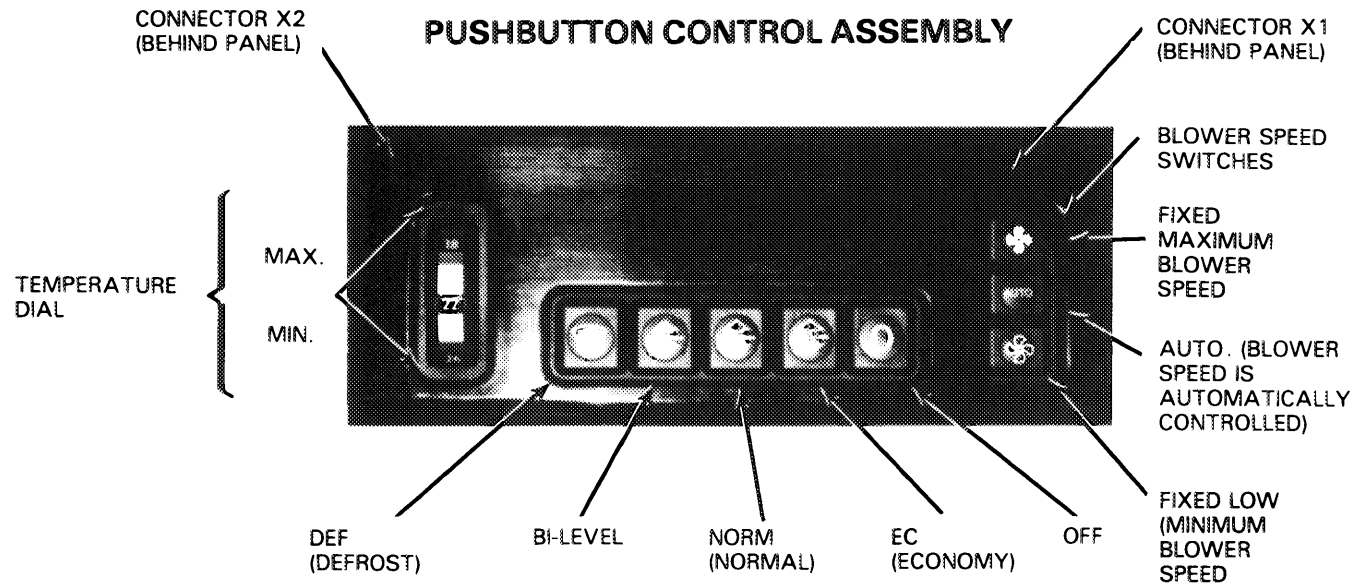


## AUTOMATIC CLIMATE CONTROL

### 107.048 INDEX

ACC Grounds Distribution . . . . 319  
 ACC Power Distribution . . . . . 319  
 Air Delivery (Electrical) . . . . . 313  
     (Vacuum) . . . . . 315  
 Component Location Table . . . . 321  
 Component Mode Table . . . . . 320  
 Compressor Clutch Control . . . . 318  
 Pushbutton Control Assembly . . 301  
 Temperature Control . . . . . 317



NOTE: ONLY ONE FUNCTION IS TO BE SELECTED AT ANY ONE TIME

REVISIONS:

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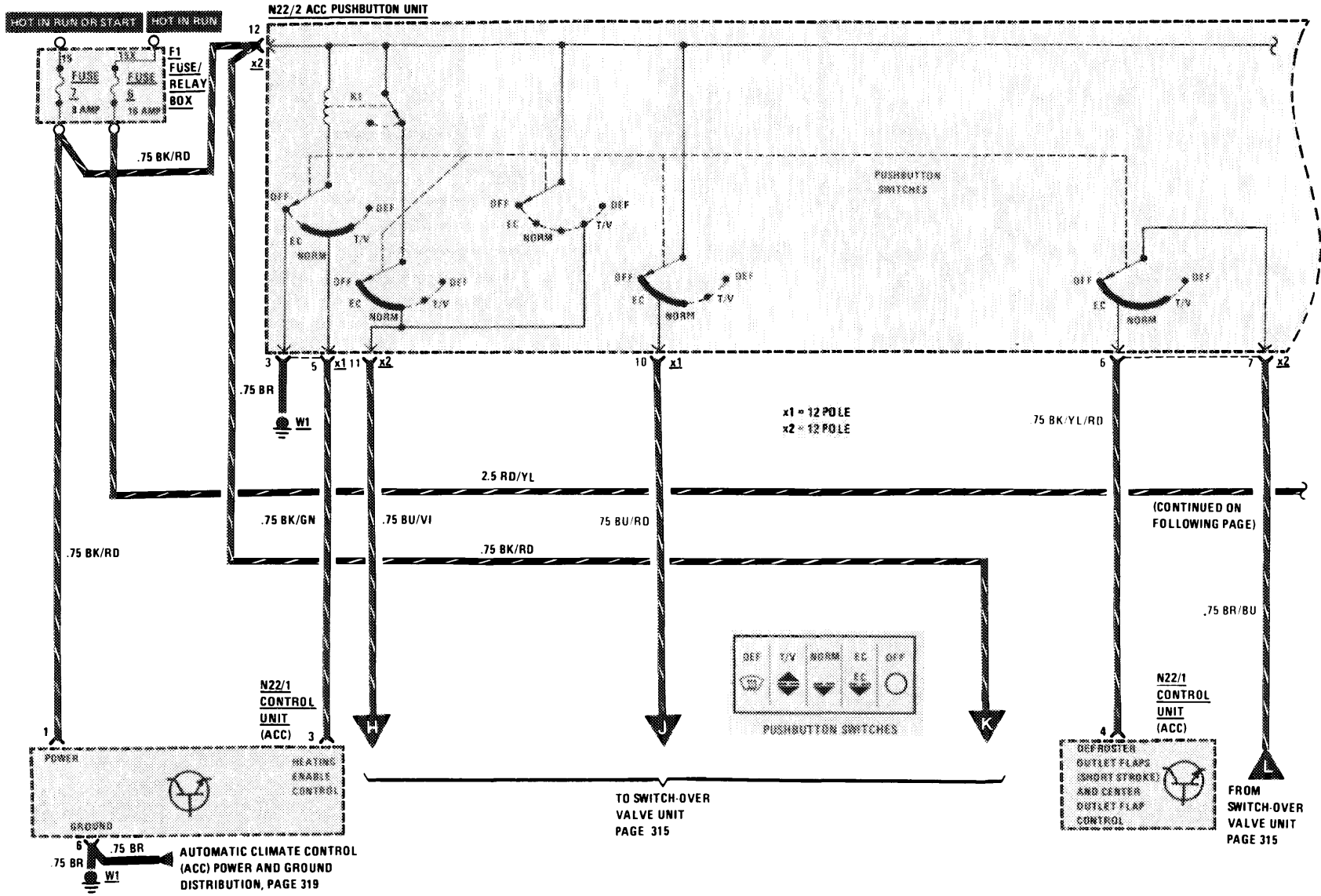
# AIR DELIVERY (ELECTRICAL)

AS OF MY 1986

(For Component Locations See Page 321)

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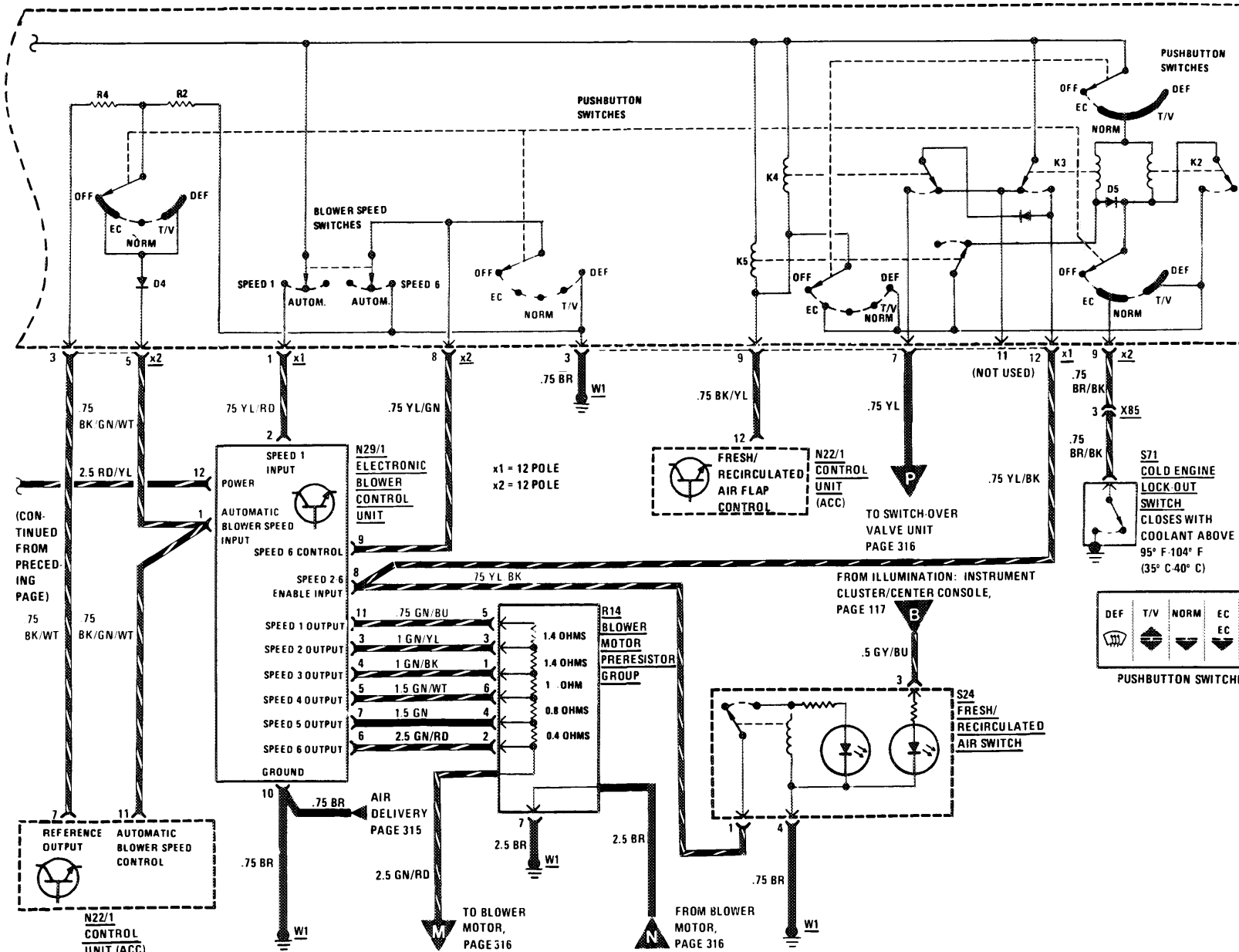
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# AIR DELIVERY (ELECTRICAL)

(For Component Locations See Page 321)

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N22/2 ACC PUSHBUTTON UNIT



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(CONTINUED FROM PRECEDING PAGE)

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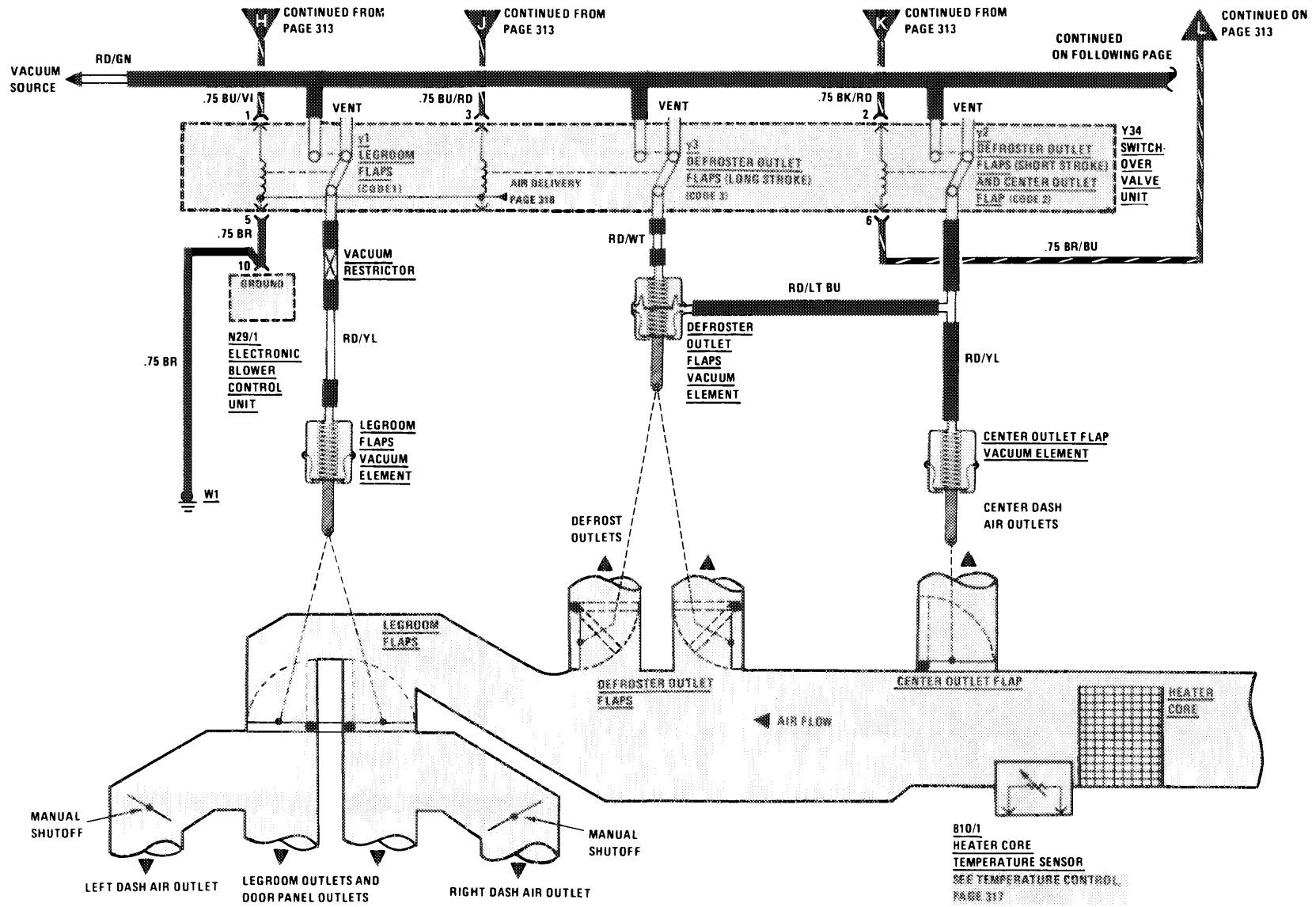
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# AIR DELIVERY (VACUUM)

(For Component Locations See Page 321)

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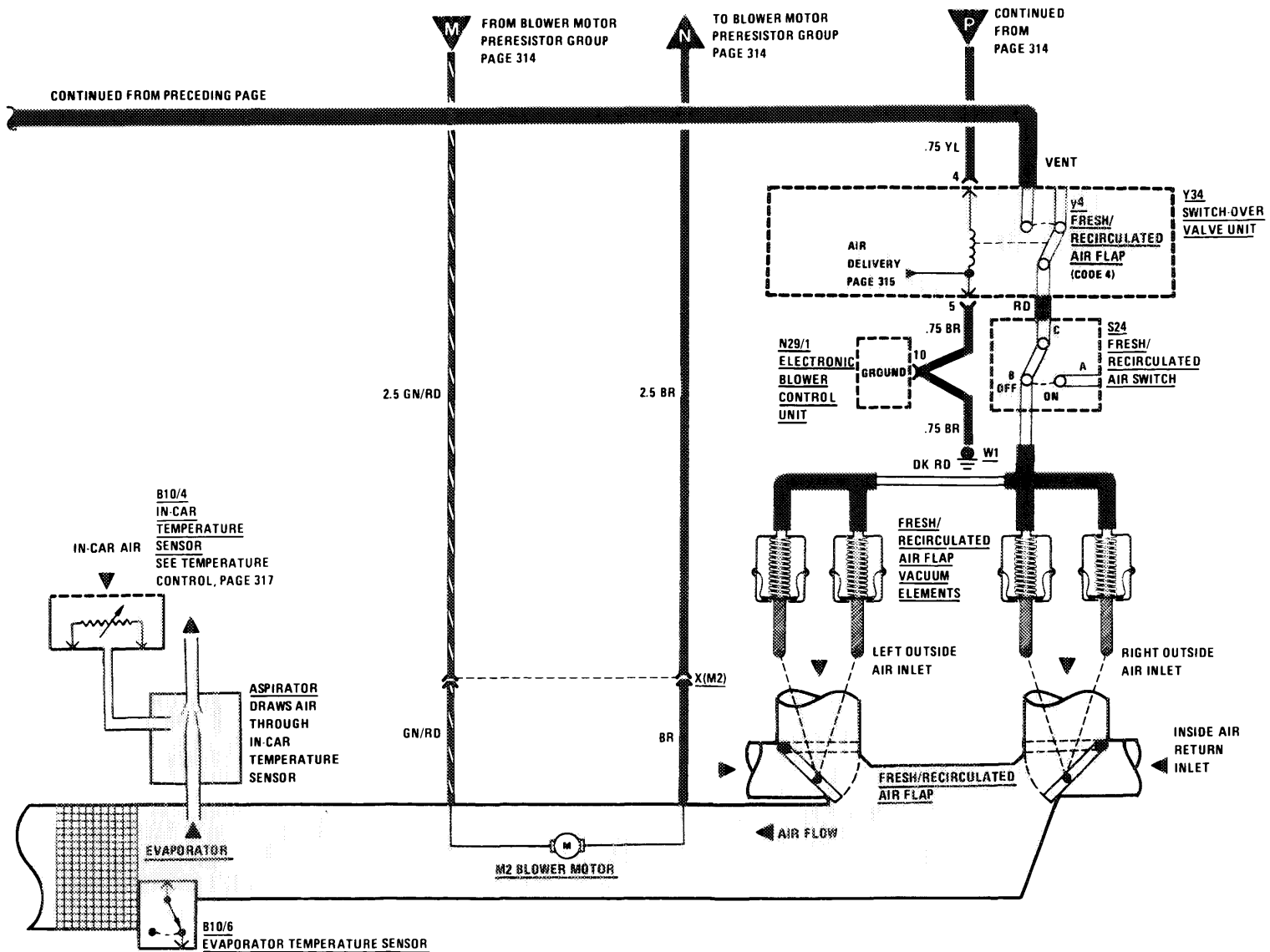
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# AIR DELIVERY (VACUUM)

(For Component Locations See Page 321)

AS OF MY 1986



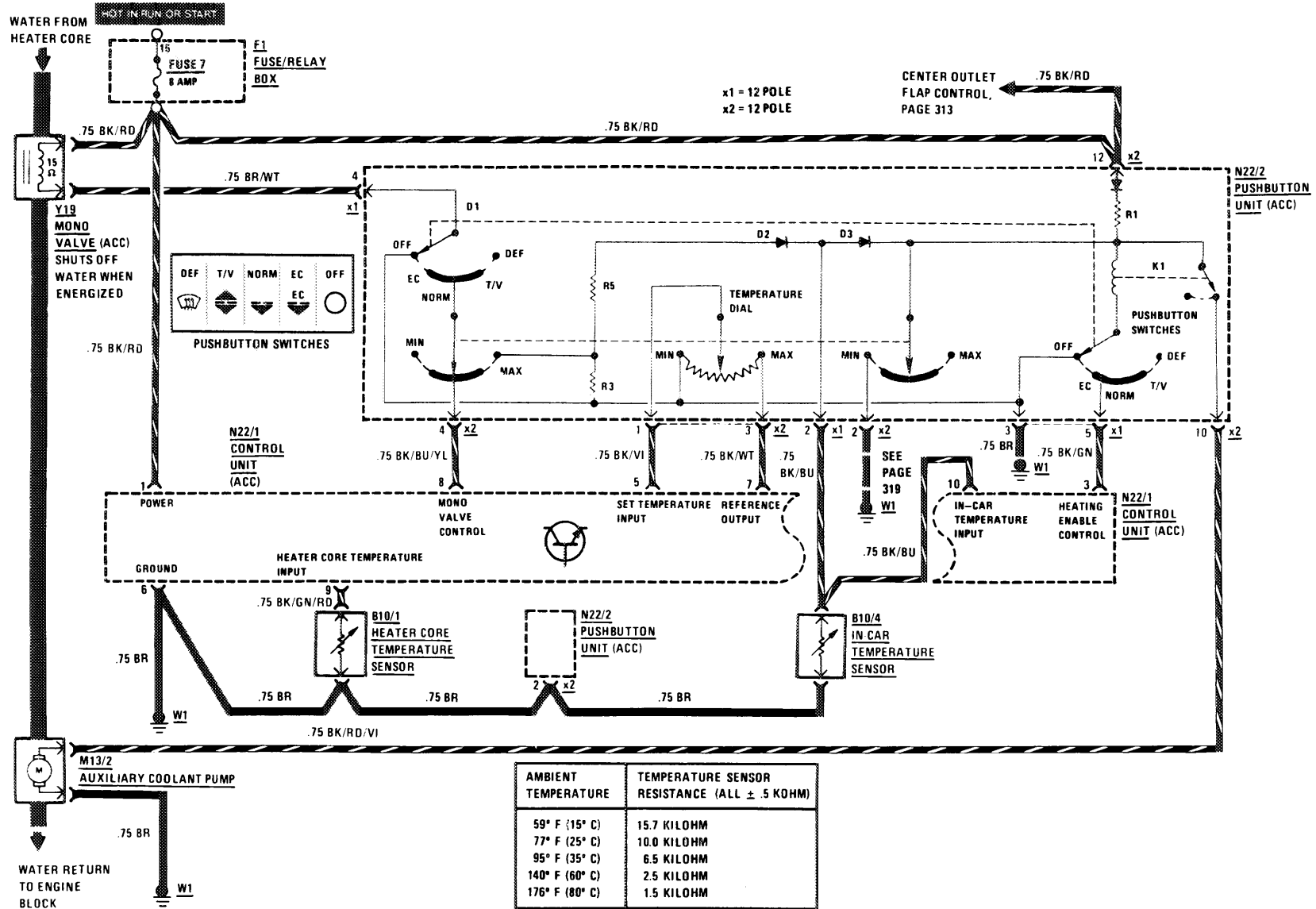
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# TEMPERATURE CONTROL

AS OF MY 1986

(For Component Locations See Page 322)



AMBIENT TEMPERATURE	TEMPERATURE SENSOR RESISTANCE (ALL ± .5 KOHM)
59° F (15° C)	15.7 KILOHM
77° F (25° C)	10.0 KILOHM
95° F (35° C)	6.5 KILOHM
140° F (60° C)	2.5 KILOHM
176° F (80° C)	1.5 KILOHM

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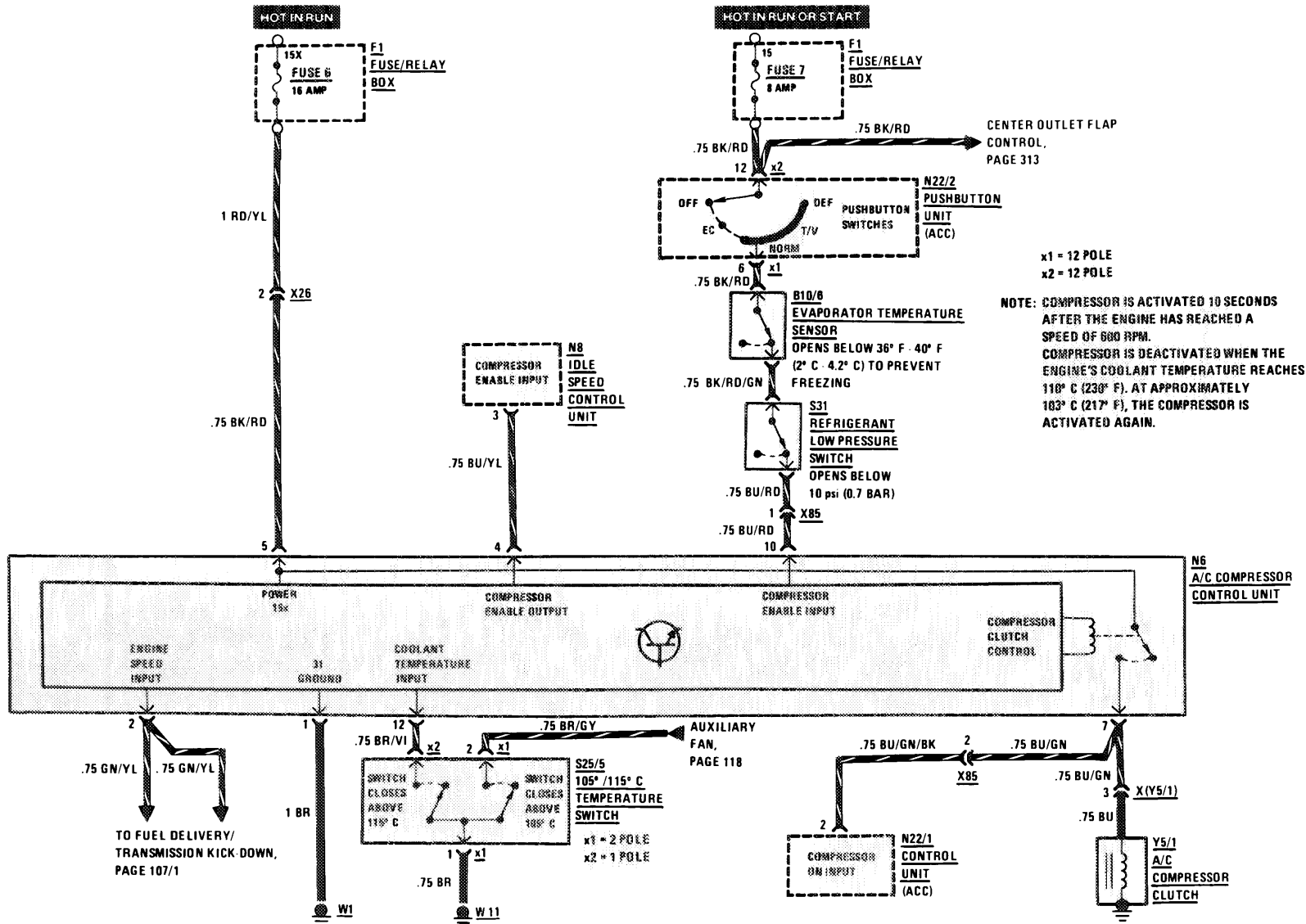
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# COMPRESSOR CLUTCH CONTROL

(For Component Locations See Page 322)



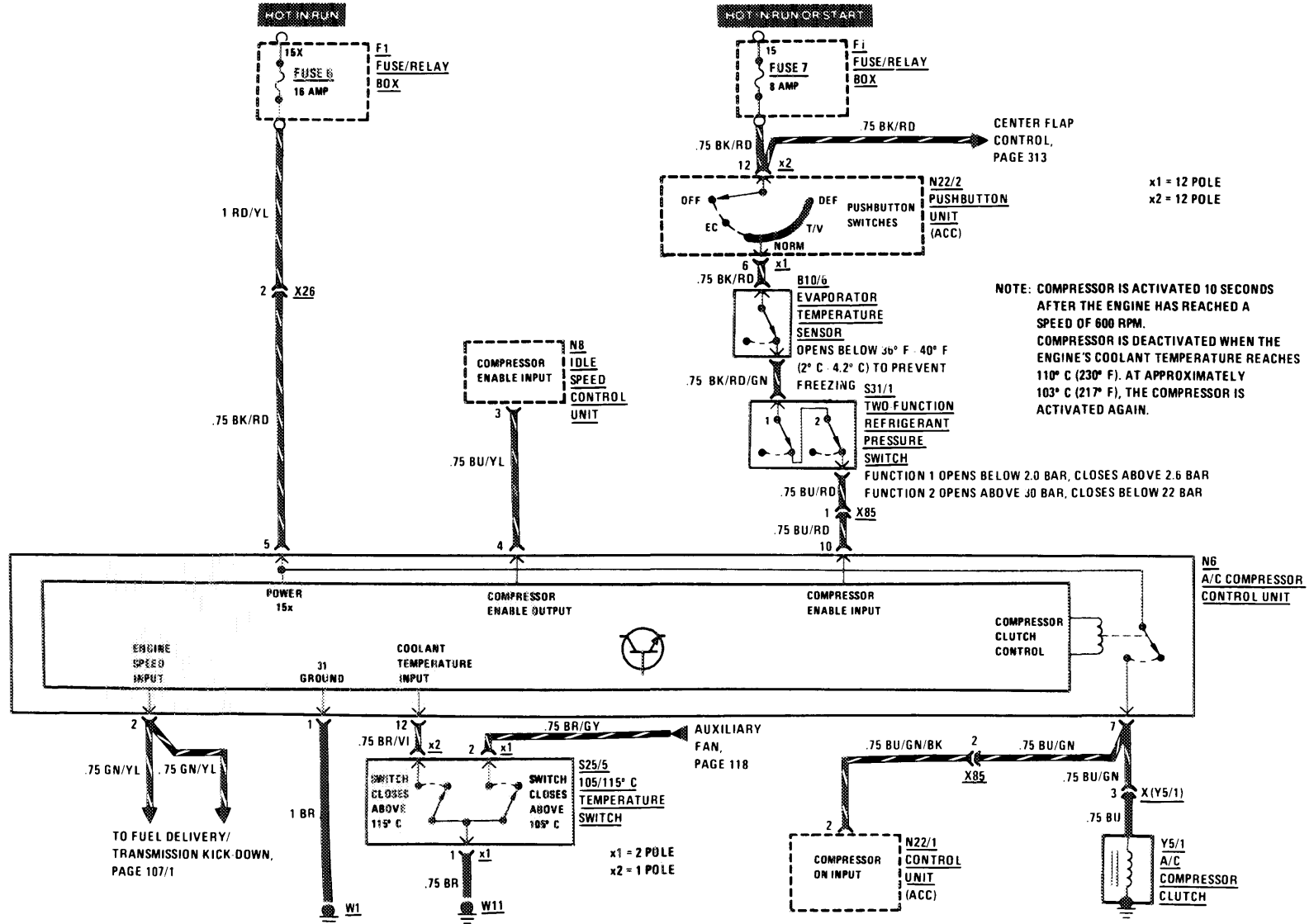
REVISIONS:

# COMPRESSOR CLUTCH CONTROL

(For Component Locations See Page 322)

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NOTE: COMPRESSOR IS ACTIVATED 10 SECONDS AFTER THE ENGINE HAS REACHED A SPEED OF 600 RPM. COMPRESSOR IS DEACTIVATED WHEN THE ENGINE'S COOLANT TEMPERATURE REACHES 110° C (230° F). AT APPROXIMATELY 103° C (217° F), THE COMPRESSOR IS ACTIVATED AGAIN.

x1 = 12 POLE  
x2 = 12 POLE

REVISIONS:

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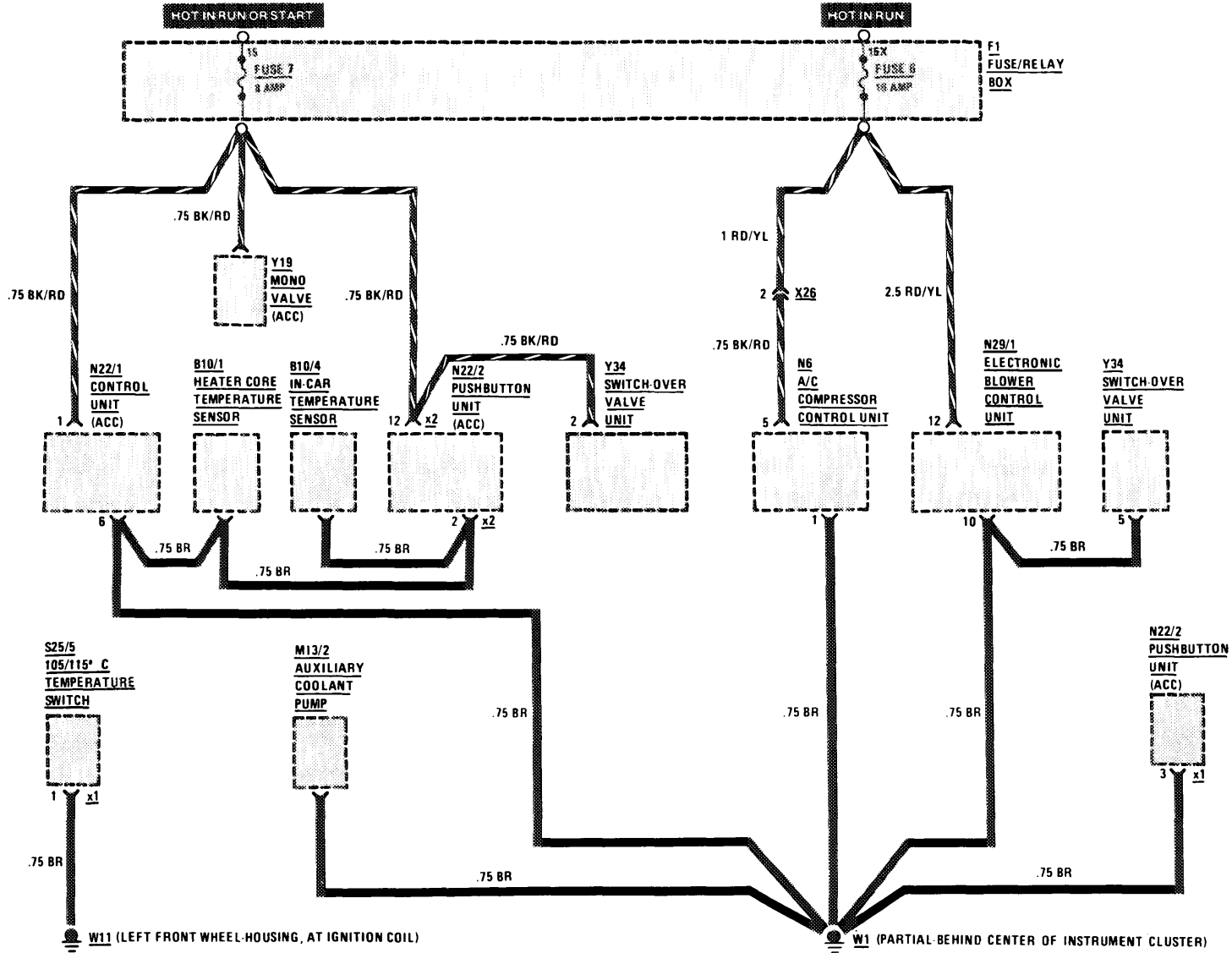
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# AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION AS OF MY 1986

(For Component Locations See Page 321)

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

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COMPONENT MODE TABLE

AS OF MY 1986

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COMPONENTS	MODES											
	IGNITION OFF	OFF 		TOTAL VENTILATION 			NORMAL 			ECONOMY 		DEFROST 
		(HEAT)	(COOL)	(HEAT)	(COOL)	(COOL at 'MIN')	(HEAT)	(COOL)	(COOL at 'MIN')	(HEAT)	(NO HEAT)	
Y19 MONO VALVE	OPEN	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	CLOSED	CYCLING	CLOSED	OPEN
M13/2 AUXILIARY COOLANT PUMP	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	ON
Y5/1 COMPRESSOR CLUTCH	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF	ON
Y2 DEFROSTER OUTLET FLAPS (SHORT STROKE) AND CENTER OUTLET FLAP (CODE 2)	CLOSED	CLOSED	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	CLOSED	OPEN	CLOSED
Y1 LEGROOM FLAPS (CODE 1)	CLOSED	CLOSED	CLOSED	OPEN	OPEN	OPEN	OPEN	CLOSED	CLOSED	OPEN	CLOSED	CLOSED
Y3 DEFROSTER OUTLET FLAPS (LONG STROKE) (CODE 3)	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY OPEN	FULLY OPEN	FULLY OPEN	ALMOST CLOSED	FULLY CLOSED	FULLY CLOSED	ALMOST CLOSED	FULLY CLOSED	FULLY OPEN
 80% IN-CAR AIR Y4 FRESH/RECIRCULATED AIR FLAP (CODE 4)  100% IN-CAR AIR	0% RECIRC	100% RECIRC	100% RECIRC	0% RECIRC	80% RECIRC	80% RECIRC	0% RECIRC	80% RECIRC	80% RECIRC	0% RECIRC	1 80% RECIRC 2 0% RECIRC	0% RECIRC

REVISIONS:

## COMPONENT LOCATIONS

### AIR DELIVERY (ELECTRICAL)

		Page-Figure
F1	Fuse/Relay Box	Behind right kick panel . . . . . 323-5
N22/1	Control Unit (ACC)	Behind glove box . . . . . 323-2
N29/1	Electronic Blower Control Unit	Behind glove box . . . . . 323-2
R14	Blower Motor Preresistor Group	Right side of fresh air inlet
S71	Cold Engine Lock-Out Switch	Top right rear of engine . . . . . 322-2
W1	Main Ground	Behind dash, right of glove box . . . . . 323-3
X85	Connector, A/C /Engine Wiring Harness (4 pin)	Behind glove box

### AIR DELIVERY (VACUUM)

		Page-Figure
B10/1	Heater Core Temperature Sensor	In plenum
B10/4	In-Car Temperature Sensor	Top of dash panel
B10/6	Evaporator Temperature Sensor	On right side of heater housing
M2	Blower Motor	Center of cowl, below panel
M9	Aspirator Blower	On right side of heater housing
N29/1	Electronic Blower Control Unit	Behind glove box . . . . . 323-2
W1	Main Ground	Behind dash, right of glove box . . . . . 323-3
X(M2)	(2 pin)	Center of cowl area, near blower motor
Y34	Switch-Over Valve Unit	Behind right side of dash panel, right of glove box . . . . . 323-4

### AUTOMATIC CLIMATE CONTROL (ACC) POWER AND GROUND DISTRIBUTION

B10/1	Heater Core Temperature Sensor	In plenum
B10/4	In-Car Temperature Sensor	Top of dash panel
F1	Fuse/Relay Box	Behind right kick panel . . . . . 323-5
M13/2	Auxiliary Coolant Pump	Right rear of engine compartment . . . . . 323-1
N6	A/C Compressor Control Unit	Behind glove box . . . . . 323-6
N22/1	Control Unit (ACC)	Behind glove box . . . . . 323-2
N29/1	Electronic Blower Control Unit	Behind glove box . . . . . 323-2
S25/5	105/115°C Temperature Switch	Top front of engine . . . . . 322-1
W1	Main Ground	Behind dash, right of glove box . . . . . 323-3
W11	Ground	Top of engine . . . . . 324-1
X(26)	(14 pin)	Top right footwell
Y19	Mono Valve (ACC)	Right rear engine compartment . . . . . 321-2
Y34	Switch-Over Valve Unit	Behind right side of dash panel, right of glove box . . . . . 323-4

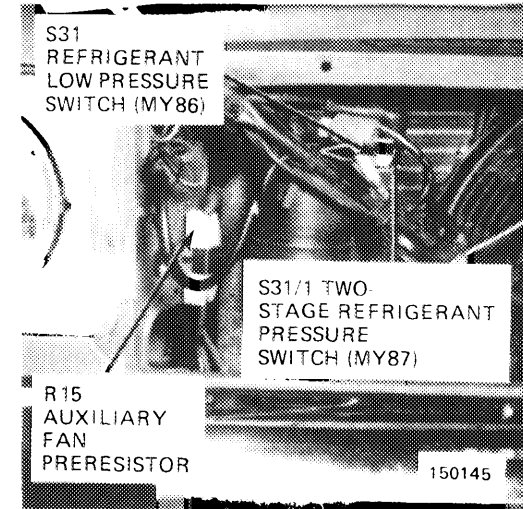


Figure 1 — Right Front of Car

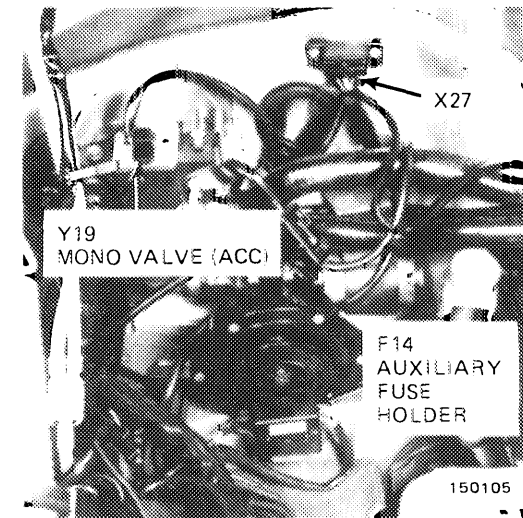


Figure 2 — Right Side of Engine Compartment

REVISIONS:

# COMPONENT LOCATIONS

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## COMPRESSOR CLUTCH CONTROL

			Page-Figure
B10/6	Evaporator Temperature Sensor	On right side of heater housing	
F1	Fuse/Relay Box	Behind right kick panel	323-5
N6	A/C Compressor Control Unit	Behind glove box	323-6
N8	Idle Speed Control Unit	Behind glove box	323-4
N22/1	Control Unit (ACC)	Behind glove box	323-2
S25/5	105/115 Degrees C Temperature Switch	Top front of engine	322-1
S31	Refrigerant Low Pressure Switch	Left front of engine compartment, near receiver dryer	321-1
S31/1	Two-Function Refrigerant Pressure Switch	Left front of engine compartment, near receiver dryer	321-1
W1	Main Ground	Behind dash, right of glove box	323-3
W11	Ground	Top of engine	324-1
X(26)	(14 pin)	Top right footwell	
X(Y5/1)		Top of A/C compressor	
X85	Connector, A/C /Engine Wiring Harness (4 pin)	Behind glove box	
Y5/1	A/C Compressor Clutch	Front of engine, on front of A/C compressor	

## TEMPERATURE CONTROL

			Page-Figure
B10/1	Heater Core Temperature Sensor	In plenum	
B10/4	In-Car Temperature Sensor	Top of dash panel	
F1	Fuse/Relay Box	Behind right kick panel	323-5
M13/2	Auxiliary Coolant Pump	Right rear of engine compartment	323-1
N22/1	Control Unit (ACC)	Behind glove box	323-2
W1	Main Ground	Behind dash, right of glove box	323-3
Y19	Mono Valve (ACC)	Right rear of engine compartment	321-2

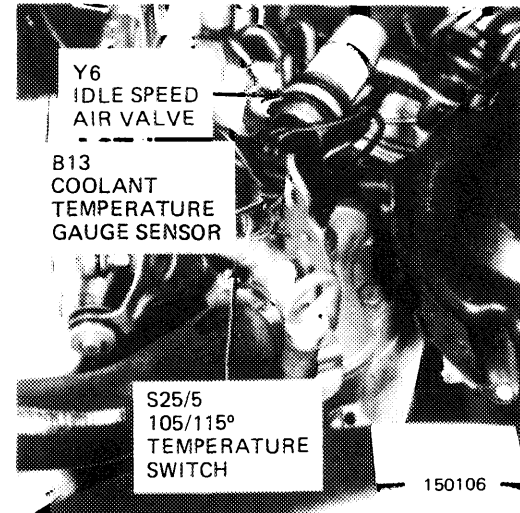


Figure 1 — Top Front of Engine

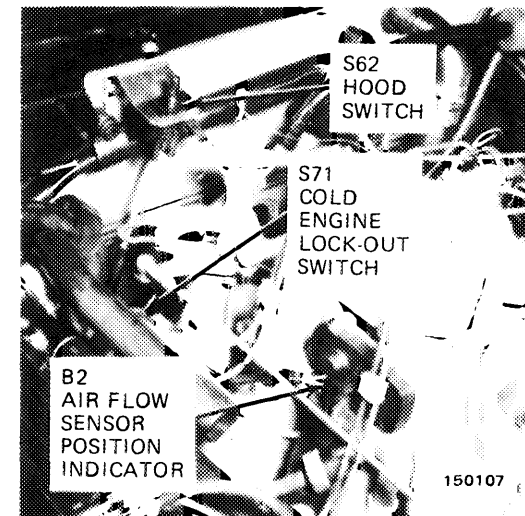


Figure 2 — Right Rear of Engine Compartment

REVISIONS:

## COMPONENT LOCATIONS

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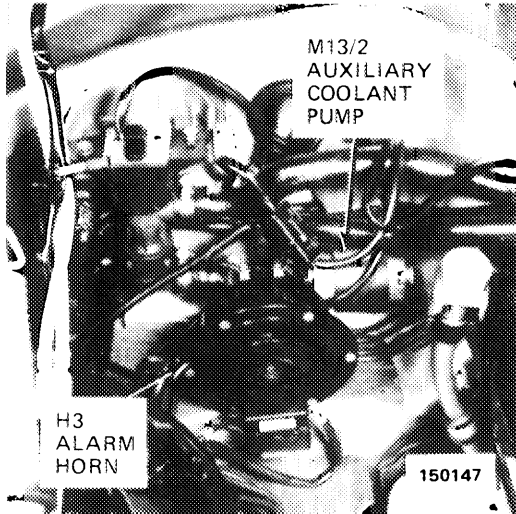


Figure 1 — Right Rear of Engine Compartment

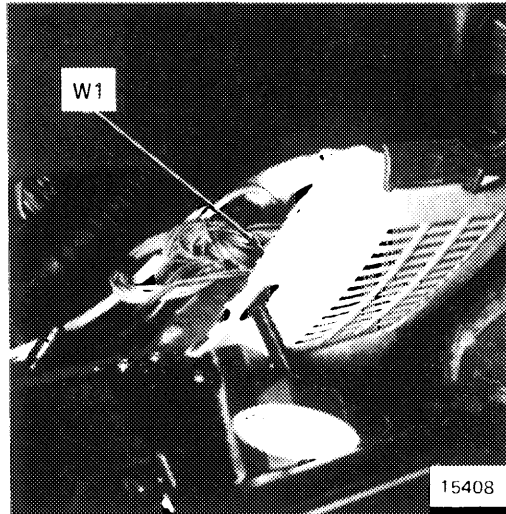


Figure 3 — Right Side of Glove Box

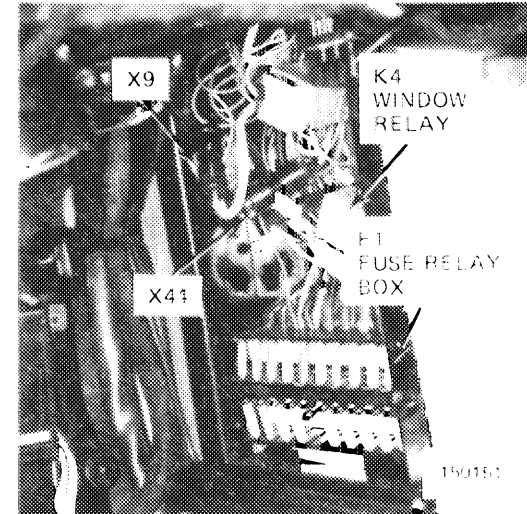


Figure 5 — Right Kick Panel

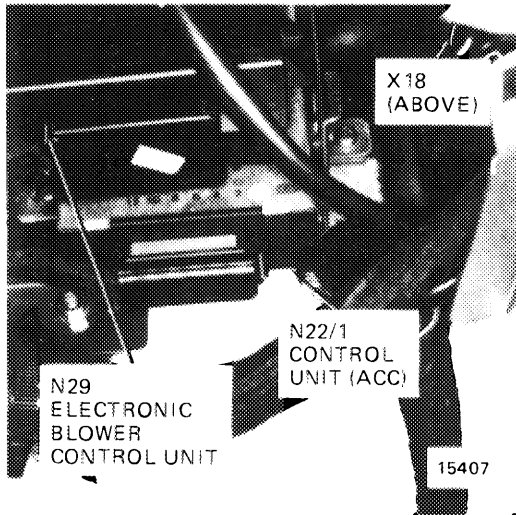


Figure 2 — Behind Glove Box

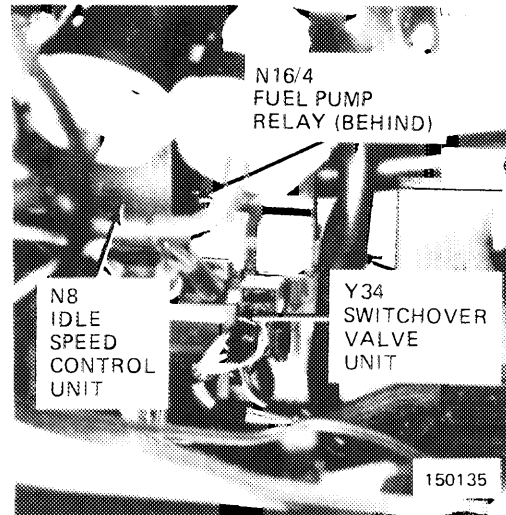


Figure 4 — Behind Glove Box

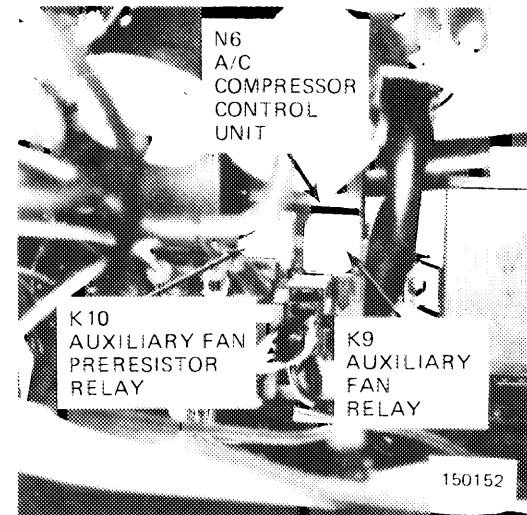


Figure 6 — Behind Glove Box

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# COMPONENT LOCATIONS

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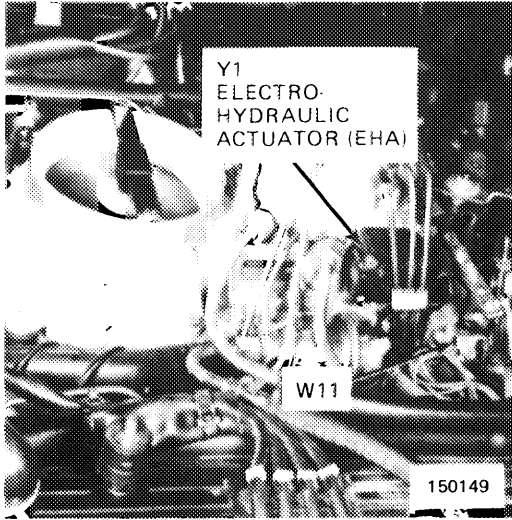


Figure 1 – Top of Engine

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