

SECTION G

WIRING CIRCUIT DIAGRAMS ALL SERIES

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120-92 INSTRUMENT PANEL—MISCELLANEOUS ITEMS

resistor to ground and the rest of the current passes through a pink wire to the connector located on the speedometer case.

In the speedometer, current is conducted from the separate buzzer connector through a wire to an insulated pin in the lower end of the buzzer pointer. As the speedometer pointer moves up to coincide with the buzzer pointer, a light grounding hair spring on the lower end of the speed-

ometer pointer makes contact with the "hot" insulated pin on the speed alert pointer.

This grounds the circuit, causing the buzzer to buzz. If the car speed is increased beyond the buzzer setting, the insulated pin on the safety-buzzer pointer "picks-up" the hair spring as the speedometer pointer passes under the buzzer pointer and the light grounding hair spring winds-up slightly.

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DIVISION II

DESCRIPTION AND OPERATION

120-33 DESCRIPTION OF CIRCUIT DIAGRAMS AND FUSE BLOCK

This section contains pictorial and schematic wiring circuit diagrams for complete car. For more detailed *body* wiring diagrams showing the routing of the wires and the location of the switches, connectors and retaining clips - see the Fisher Body Service Manual.

A central fuse block is mounted on the cowl under the left side of the instrument panel. This fuse block serves as a convenient junction point for a number of circuits, provides a mounting for the hazard warning flasher, and contains most of the fuses.

To simplify replacement of the wiring, the circuits to the rear of the cowl are grouped in one harness and the circuits forward of the cowl are grouped in another.

in a multiple connector which is held in the cowl. The engine compartment wiring harnesses plug into this connector at the cowl. This type of connector aids in tracing down electrical troubles.

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Figure 120-79 Ground and Relay Location Chart

Figures 120-80 through 120-92 Chassis Electrical Wiring - 43-44000 Series

Figures 120-93 through 120-105 Chassis Electrical Wiring - 45-46-48-49000 Series

Figures 120-106 and 120-107 Heater Wiring Diagrams

Figures 120-108 through 120-114 Air Conditioning Wiring Diagrams

Figures 120-115 through 120-135 Miscellaneous Wiring Diagrams

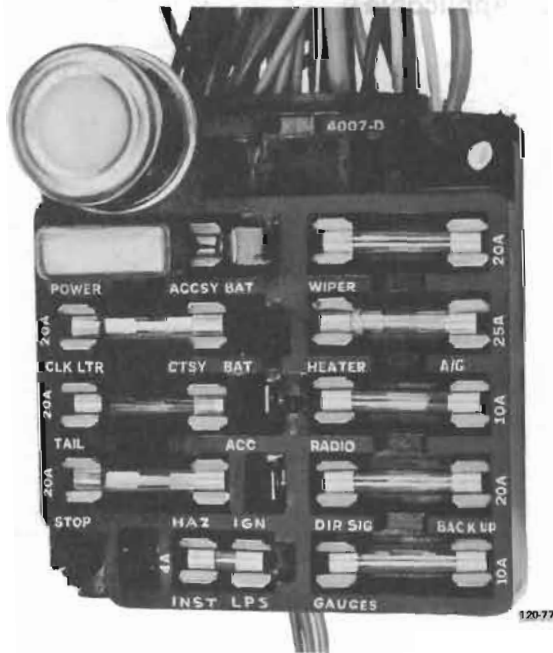


Figure 120-77 Fuse Block - 43-44000 Series

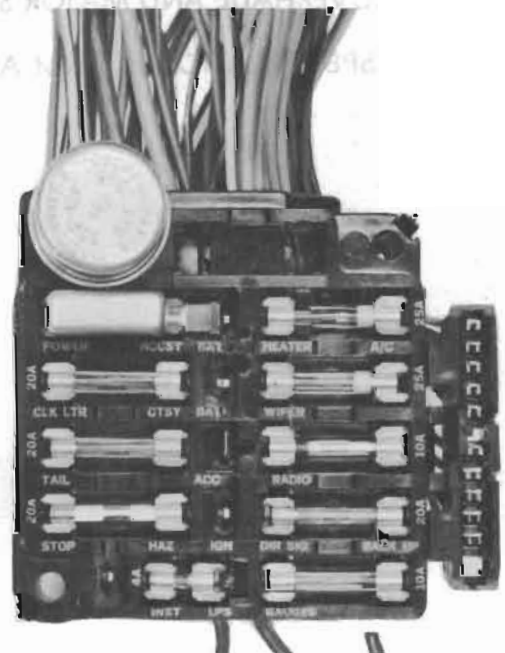
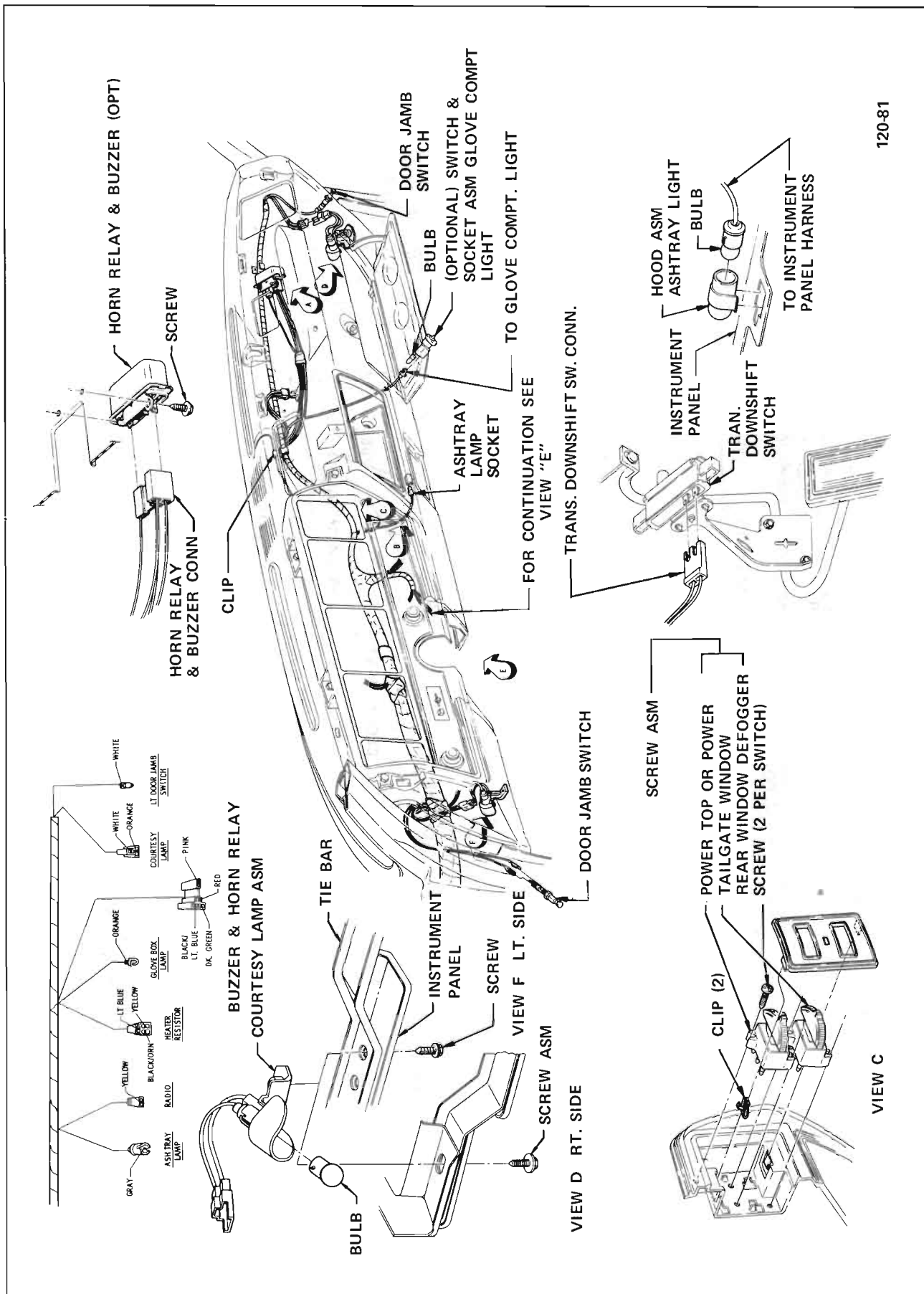


Figure 120-78 Fuse Block - 45-46-48-49000 Series

Electrical Circuit	Series	Ground Location	Relay Location
Buzzer & Horn Relay	All	Jamb Switch & Horn Bracket	Radio Bracket
Cruise	All	Transducer Case	None
Rear Window Defogger	All	Blower to Rear Shelf	None
Heated Rear Glass	All	Right Trunk Bracket	I.P. Lower Tie Bar
Wiper	43-44000	Brake Bracket & Motor Case	None
Wiper	45-46-48-49000	Radio Bracket & Motor Case	None
Wiper, Demand	45-46-48-49000	Radio Bracket & Motor Case	None
Ignition & Starter	All	Coil & Starter Case	None
Charging Circuit	All Except 49000	Generator Field	In Voltage Regulator
Charging Circuit	49000	Integral Voltage Regulator	None
Fuel Gage	43-44000	Brake Bracket & Underbody	None
Fuel Gage	45-46-48-49000	Radio Bracket & Underbody	None
Heater	43-44000	Blower to Dash	None
Heater	45-46-48-49000	Blower to Dash	Right Front of Dash
Air Conditioner	43-44000	Blower to Dash	Right Front of Dash
Air Conditioner	45-46-48-49000	Blower to Dash	2-Right Front of Dash
Air Conditioner Automatic	45-46-48-49000	Blower to Dash	3-Right Front of Dash
I.P. Illumination	43-44000	Brake Pedal Bracket	None
I.P. Illumination	45-46-48-49000	Radio Bracket	None
Indicator Lights	43-44000	Sender Switch & Generator Field	None
Indicator Lights	45-46-48-49000	Sender Switch & Generator Field	None
I.P. Gages	43-44000	Sender Switch & Tank Unit	None
T.C.S. Solenoid & C.E.C. Valve			
(L-6)	43-44000	Transmission Switch	2-Front of Dash
Back-Up & T.C.S. Solenoid	All Except L-6	Back-Up Lamps & Trans. Switch	None
Dome & Clock	43-44000	Door Jamb Switch & I.P. Ground	None
Dome & Trunk Release	45-46-48-49000	Door Jamb Switch & Solenoid	None
Radio Trans. D.S. & Map Light	45-46-48-49000	Radio Bracket & Transmission Case	None
Turn Signals	All	Bulkhead & Trunk Striker	None
Cornering Lamps	45-46-48-49000	Bulkhead	None
Max. Trac.	45-46-48-49000	Controller	None
Door & Seat Back Lock	45-46-48-49000	Solenoids	Above Right Kick Pad
6-Way Power Seat	45-46-48-49000	Motor & Clutch Solenoid	Under Left Front Seat
Power Windows	45-46-48-49000	Motors	Above Left Kick Pad

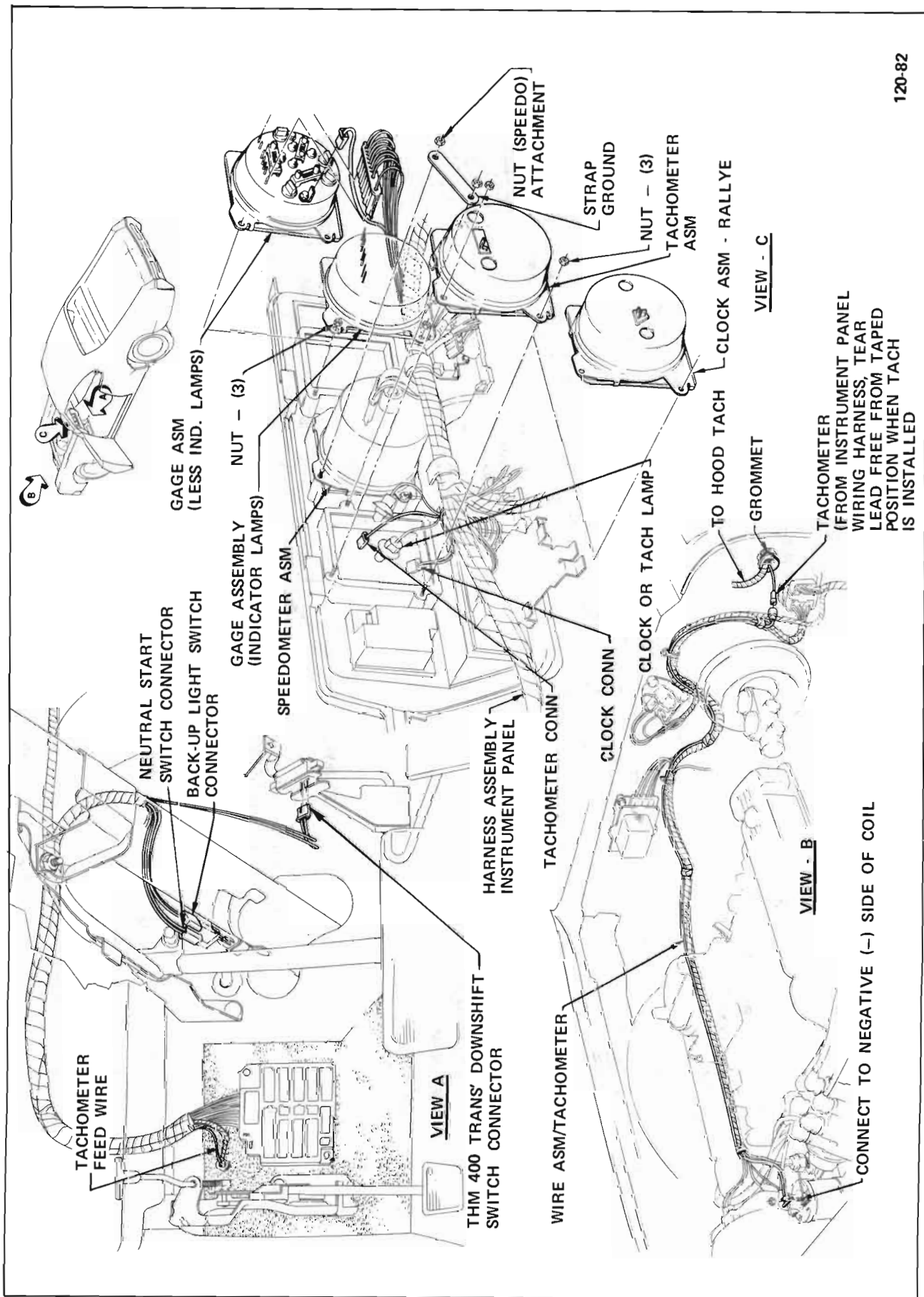
120-79

Figure 120-79 Ground and Relay Location Chart



120-81

Figure 120-81 Instrument Panel Wiring - 43-44000 Series



120-82

Figure 120-82 Gauges, Tachometer, and Rallye Clock Wiring - 43-44000 Series

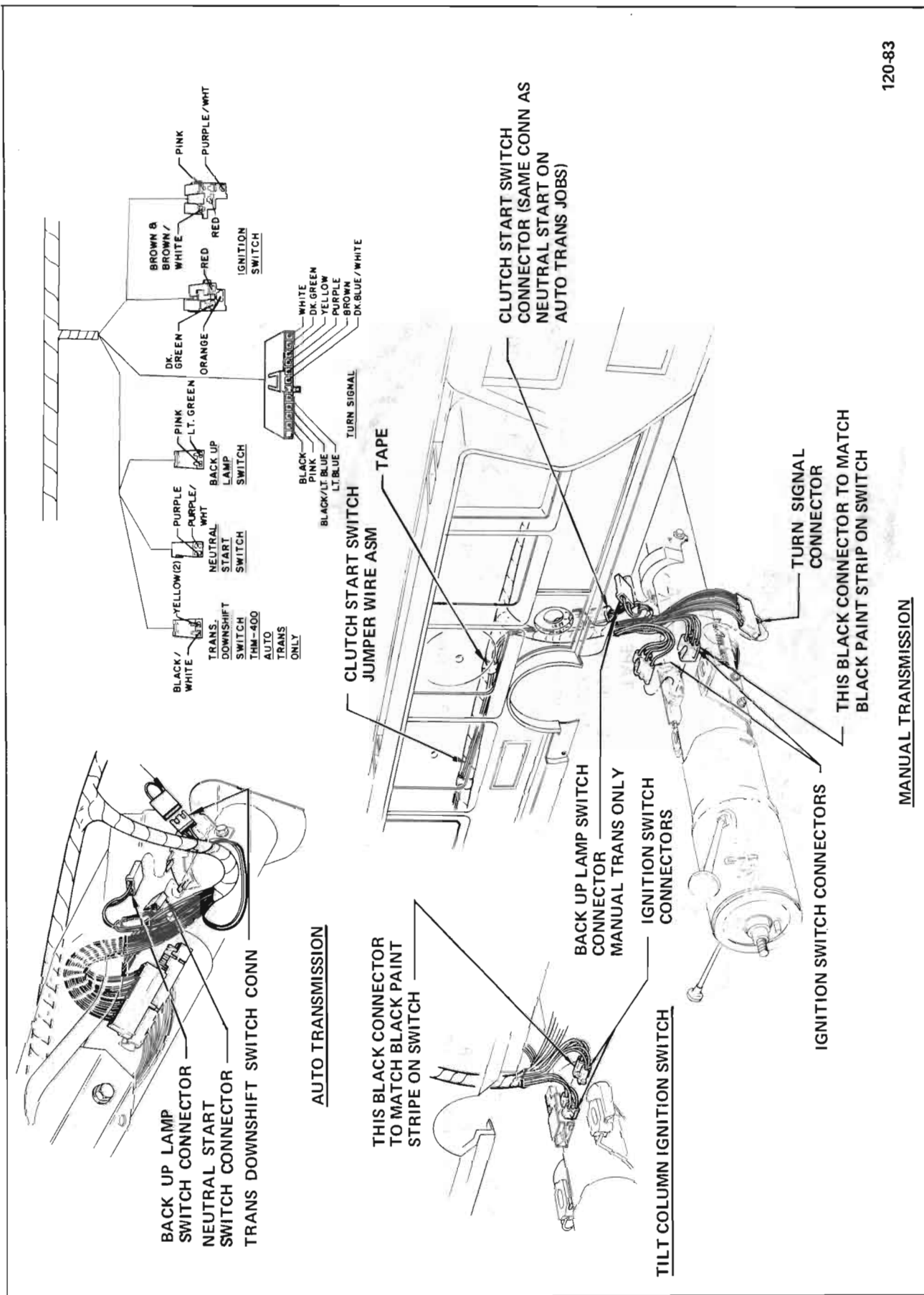
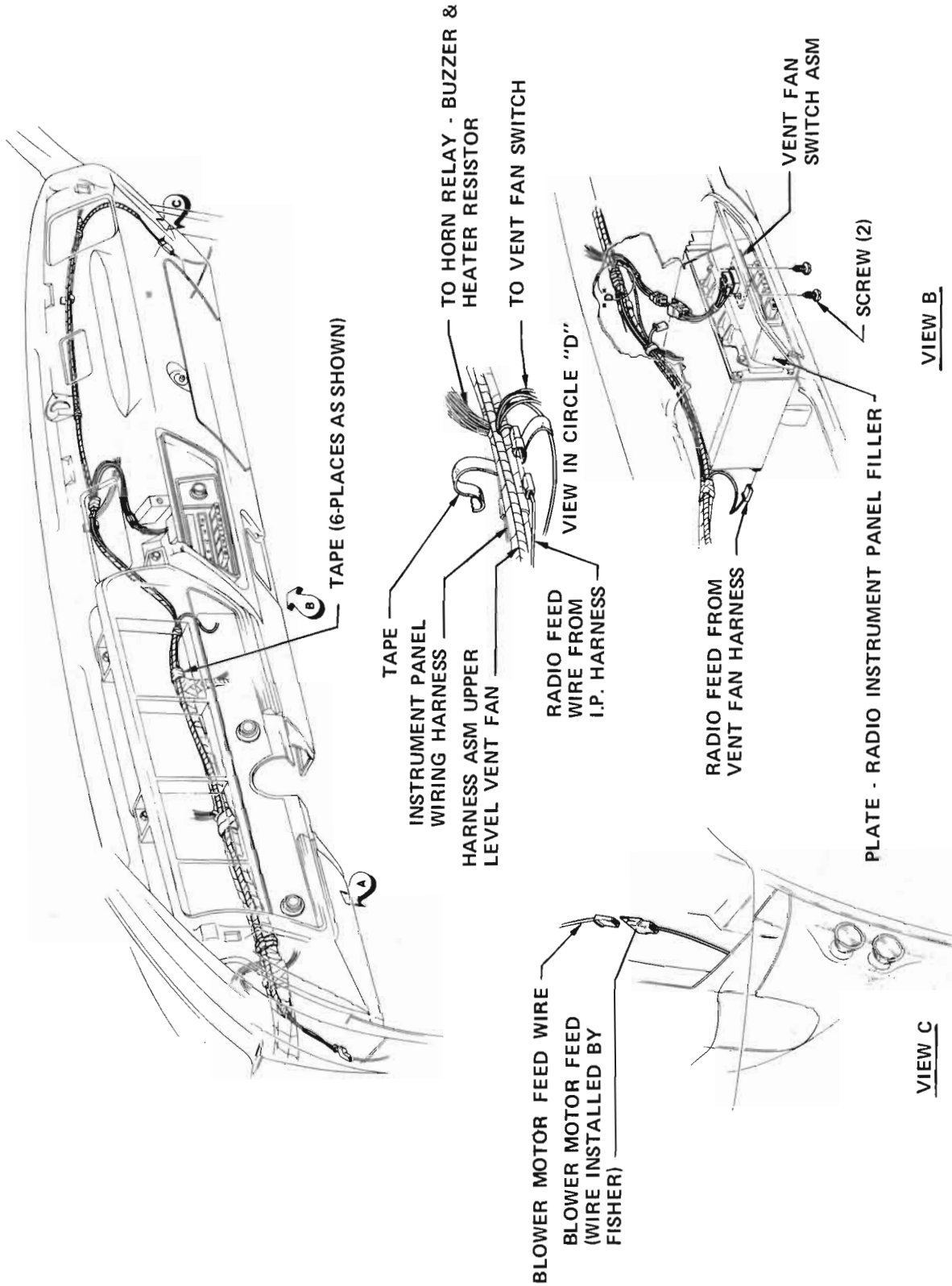
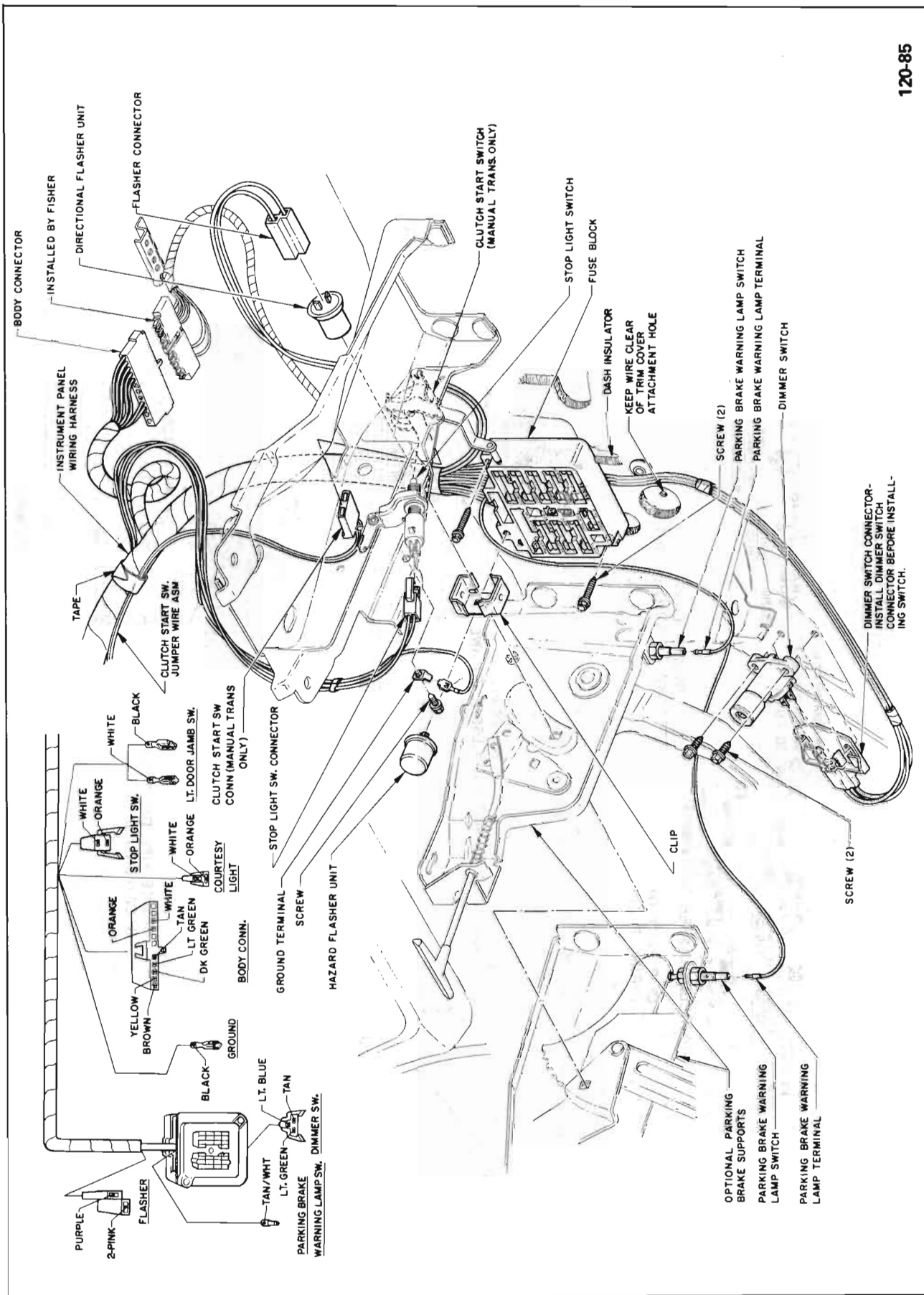


Figure 120-83 Steering Column Wiring - 43-44000 Series



120-84

Figure 120-84 Upper Level Vent Fan - 43-44000 Series



120-85

Figure 120-85 Fuse Block Wiring - 43-44000 Series

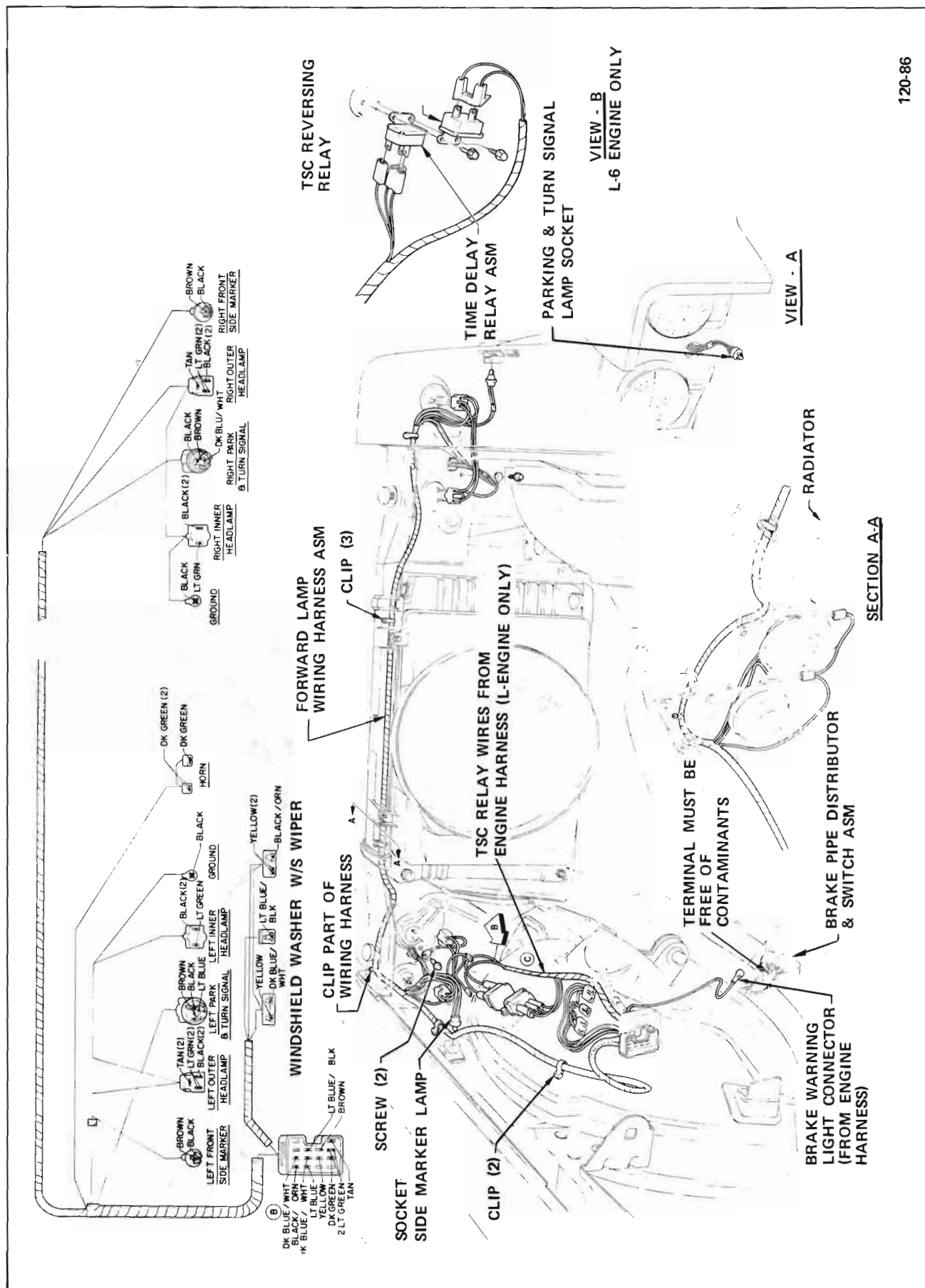


Figure 120-86 Forward Lamp Wiring - 43-44000 Series

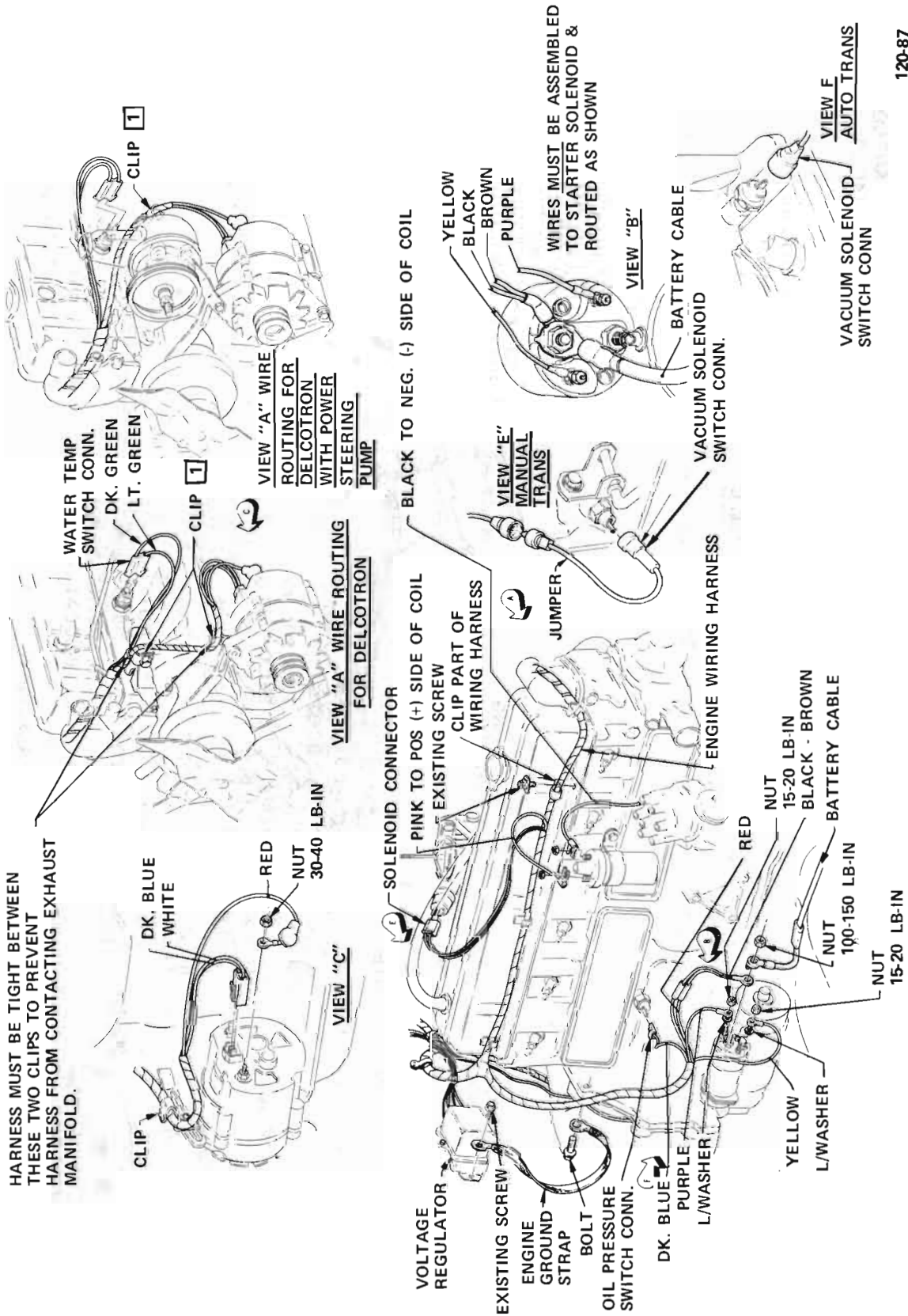


Figure 120-87 L-6 Engine Wiring - 43-44000 Series

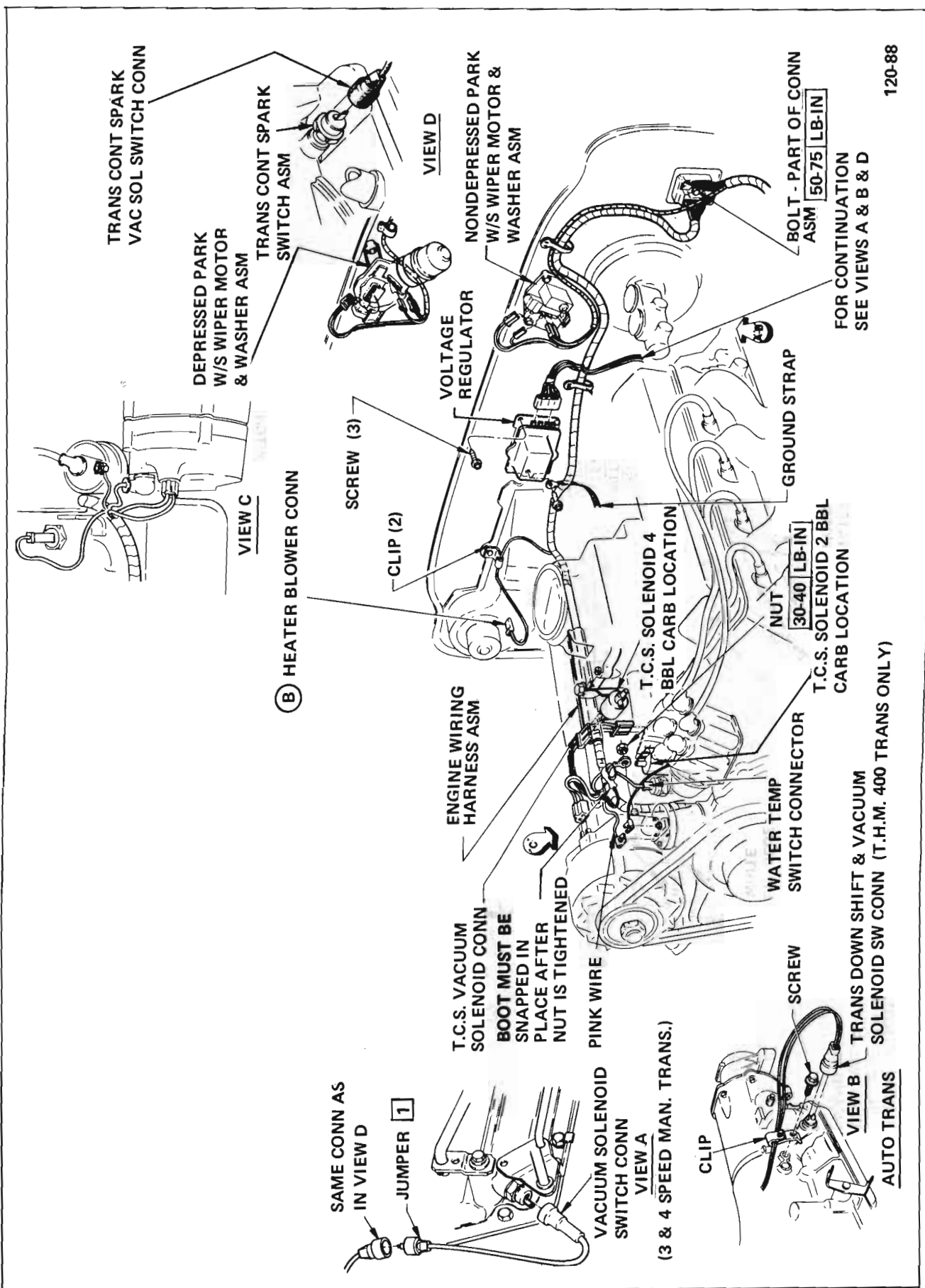


Figure 120-88 V-8 Engine Wiring - 43-44000 Series

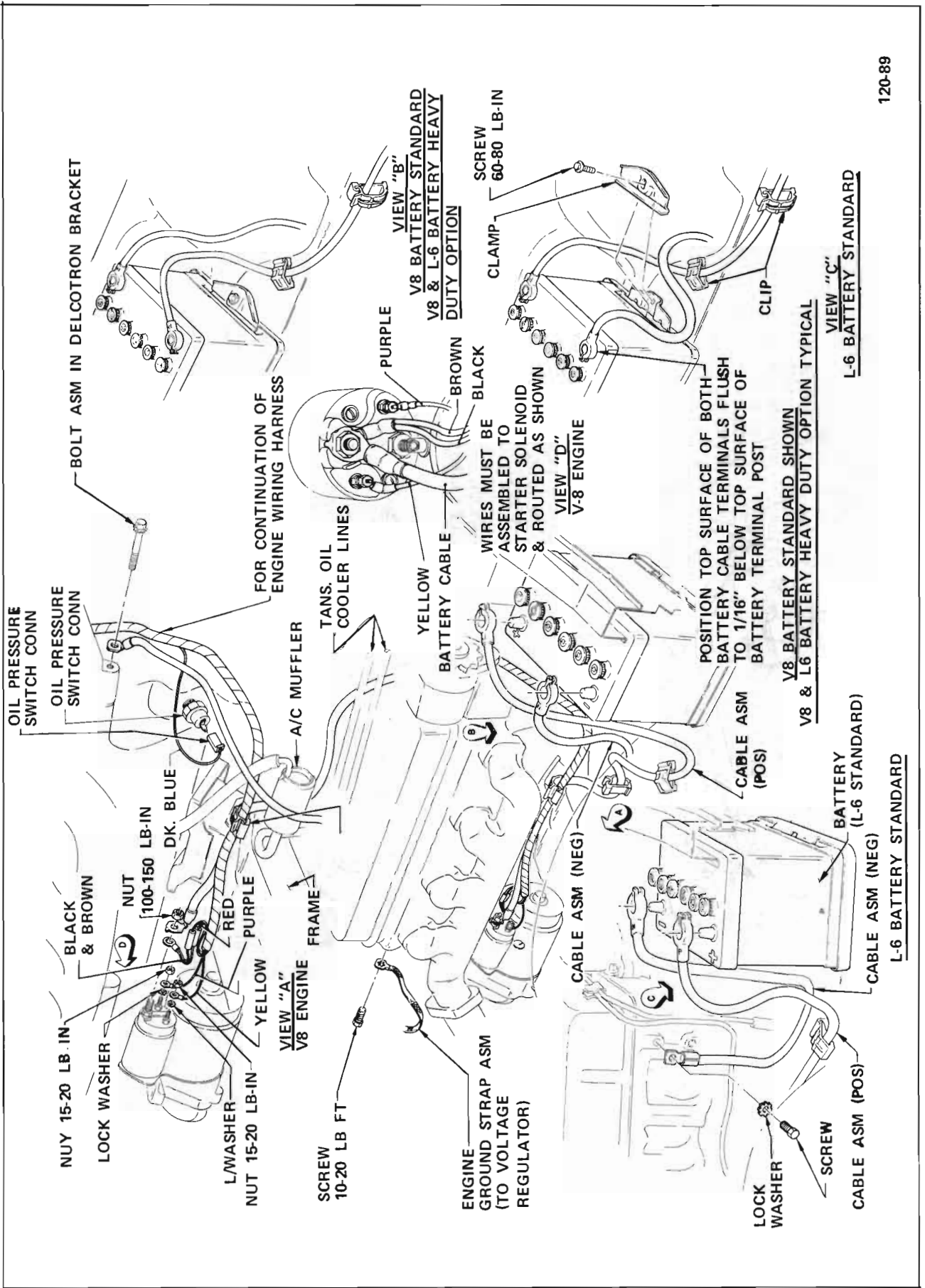


Figure 120-89 Battery Cable Wiring - 250 and 350 Engines - 43-44000 Series

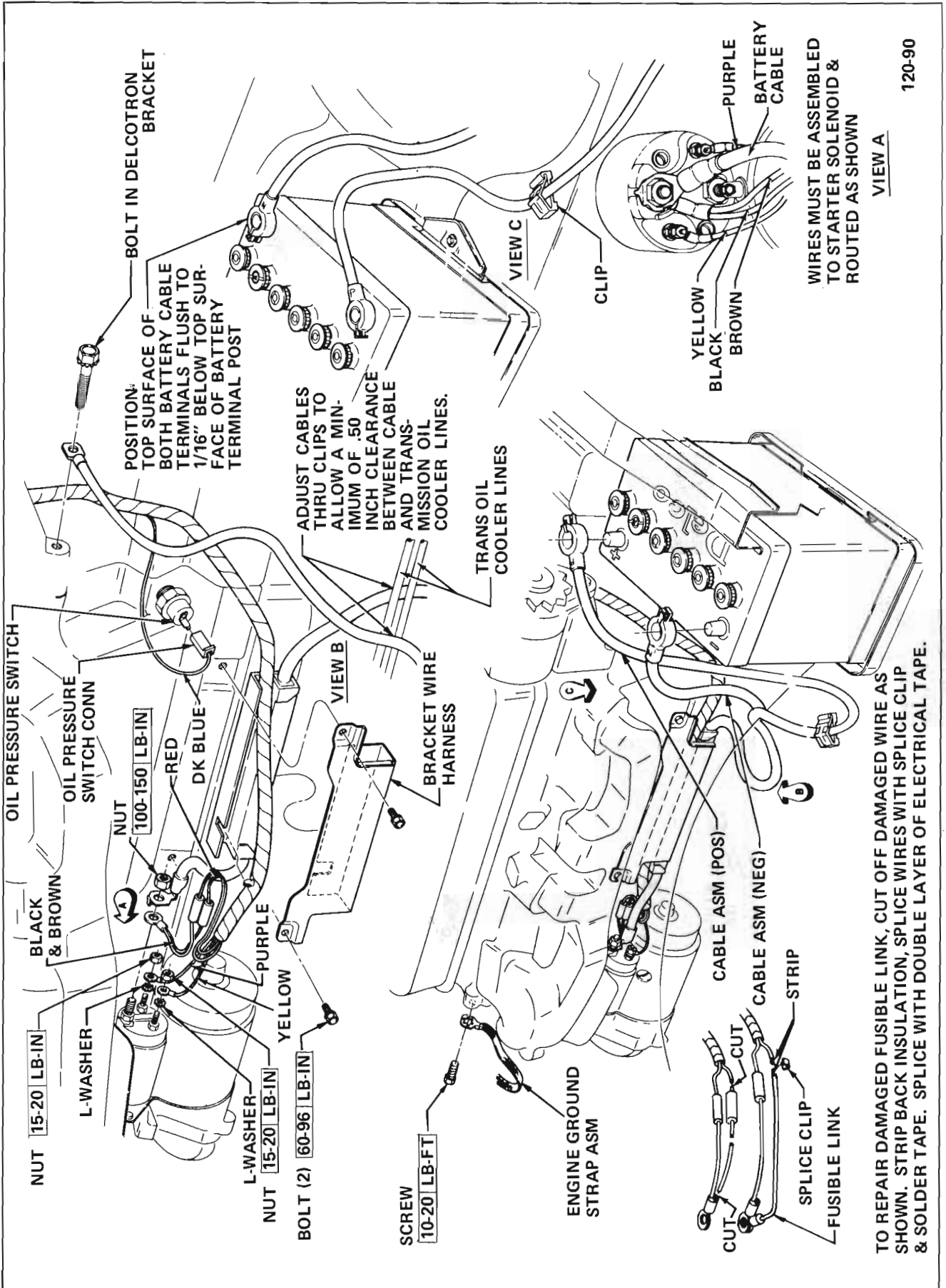
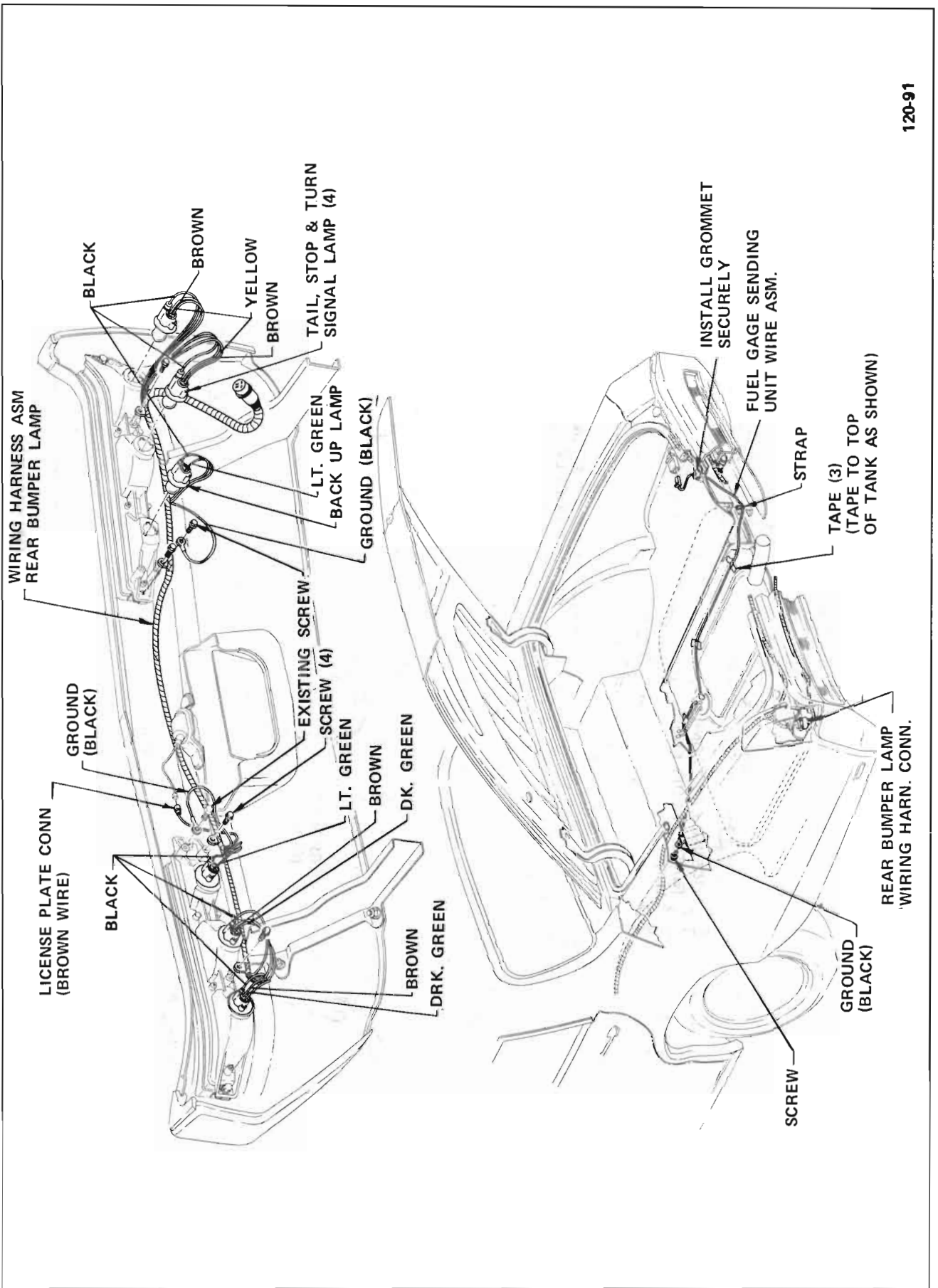
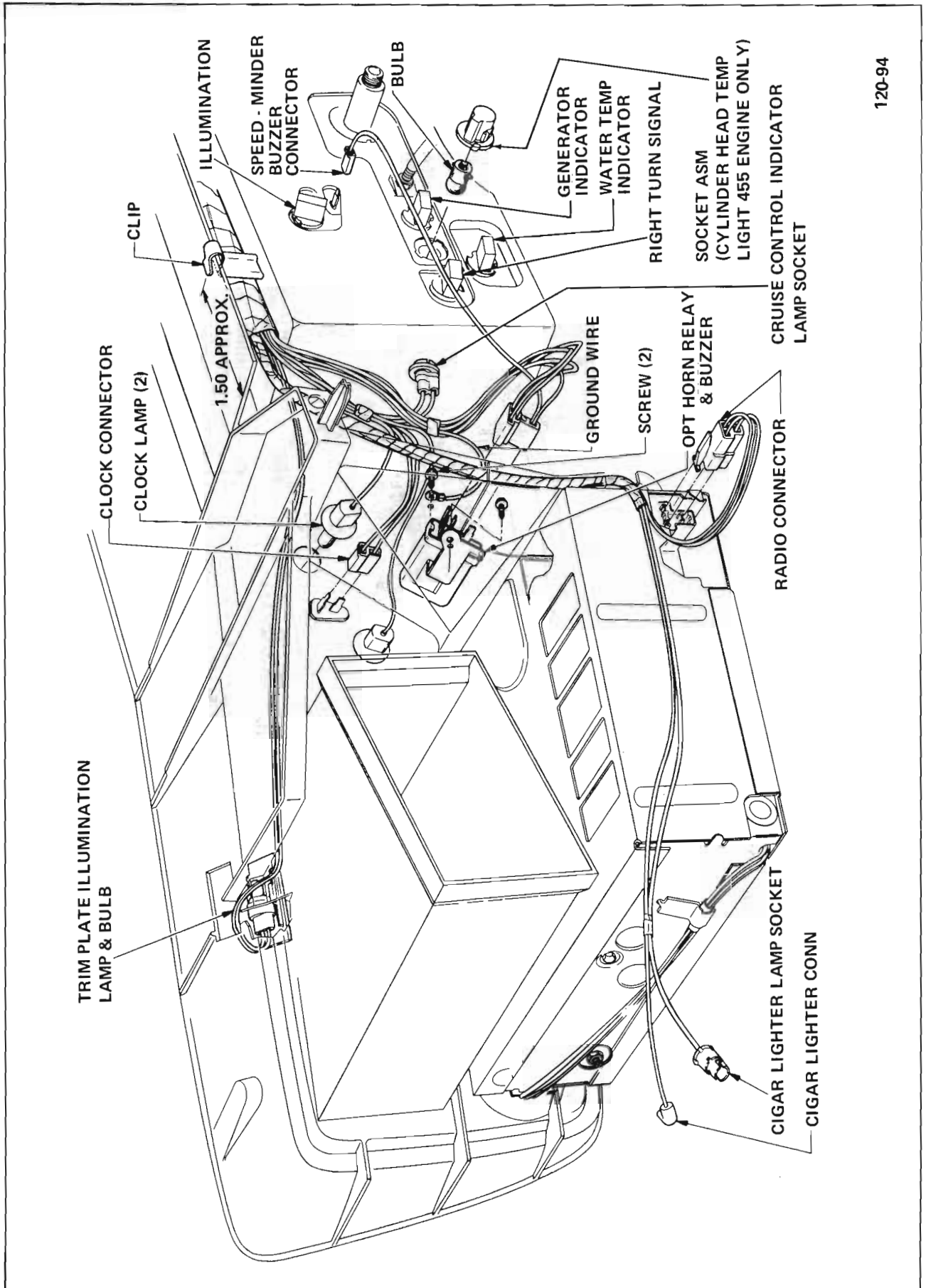


Figure 120-90 Battery Cable Wiring - 455 Engine - 43000 Series



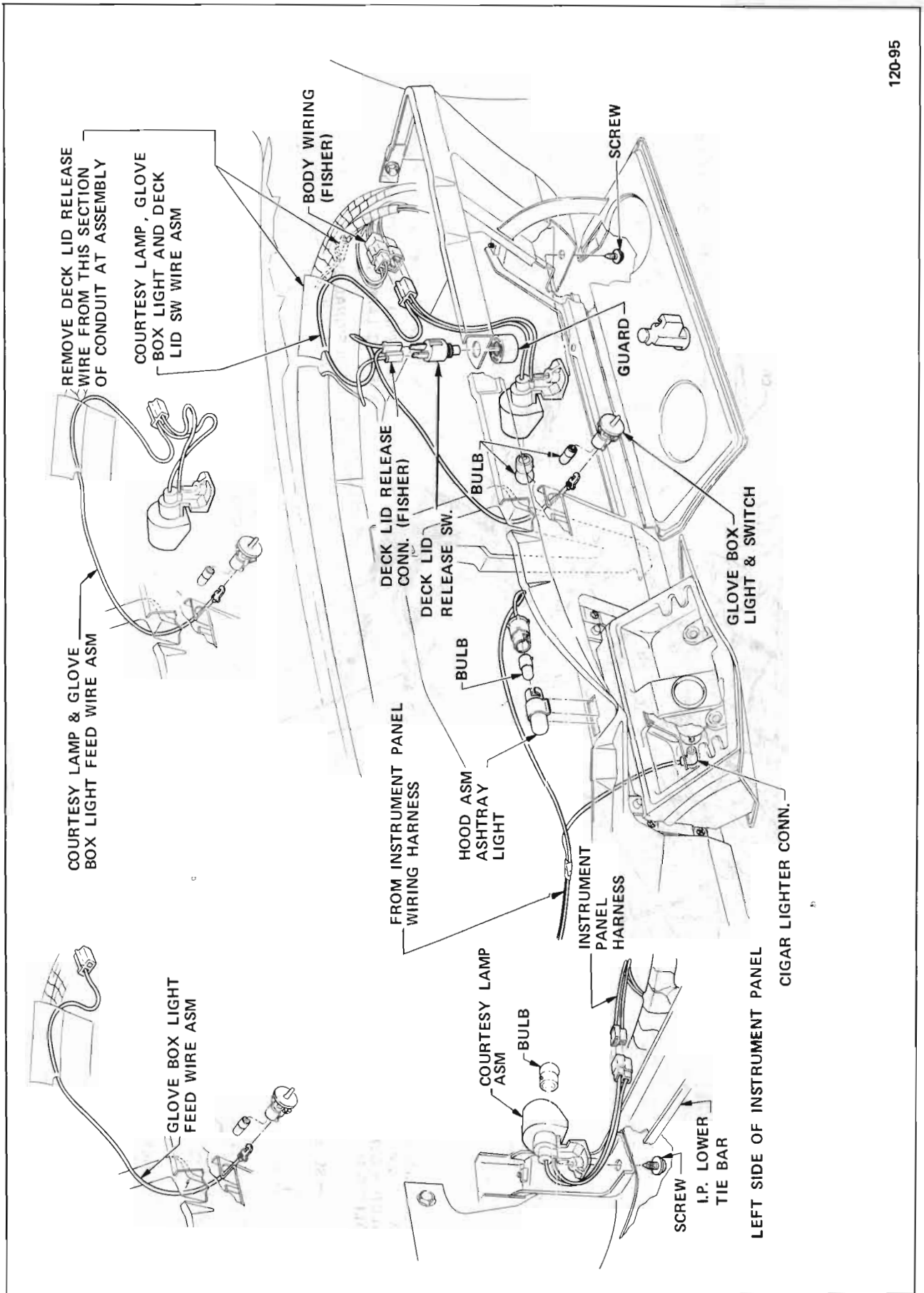
120-91

Figure 120-91 Rear Lamp and Fuel Tank Wiring - (Less Wagons) 43-44000 Series



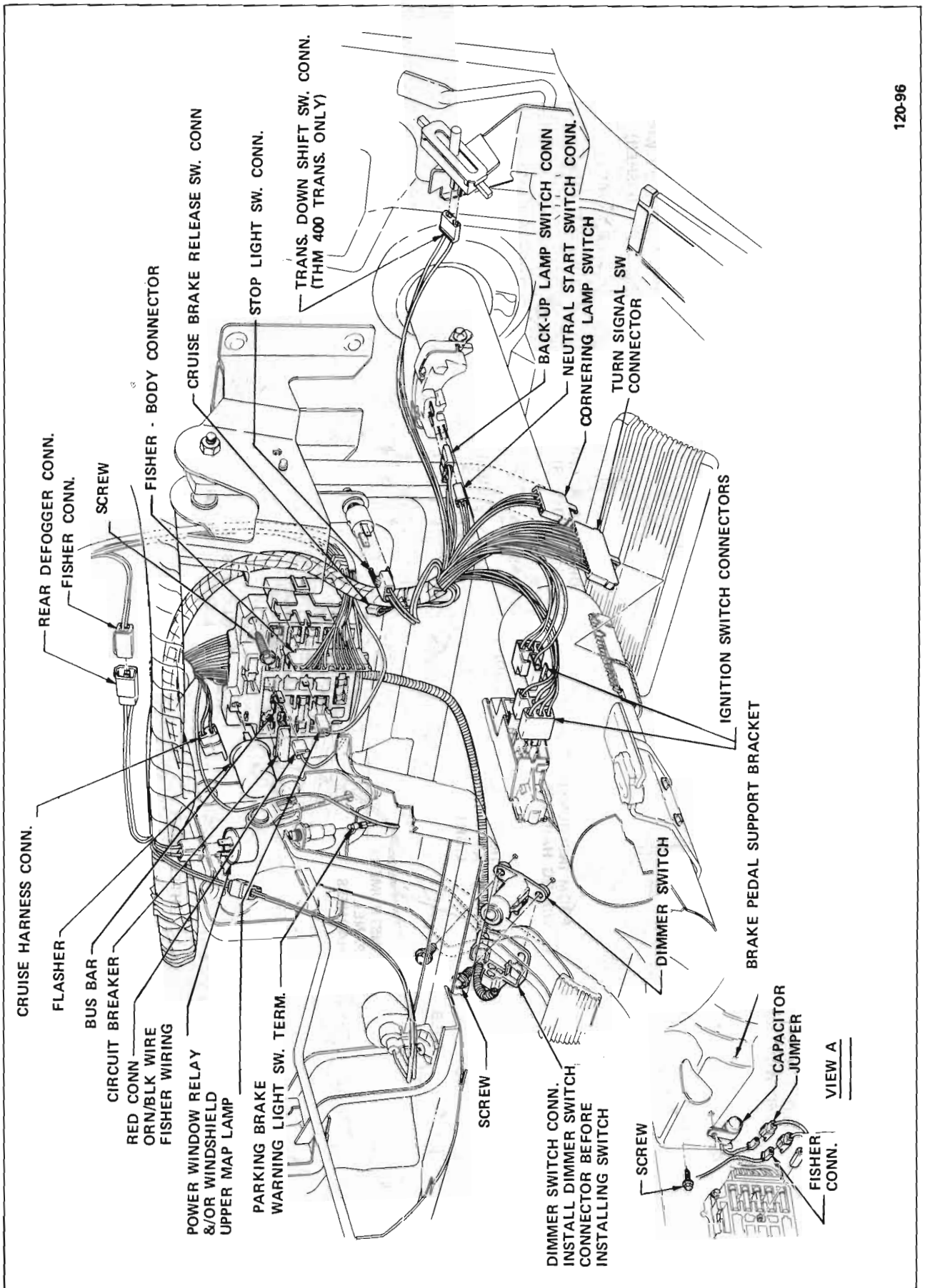
120-94

Figure 120-94 Right Side Instrument Cluster Wiring - 45-46-48-49000 Series



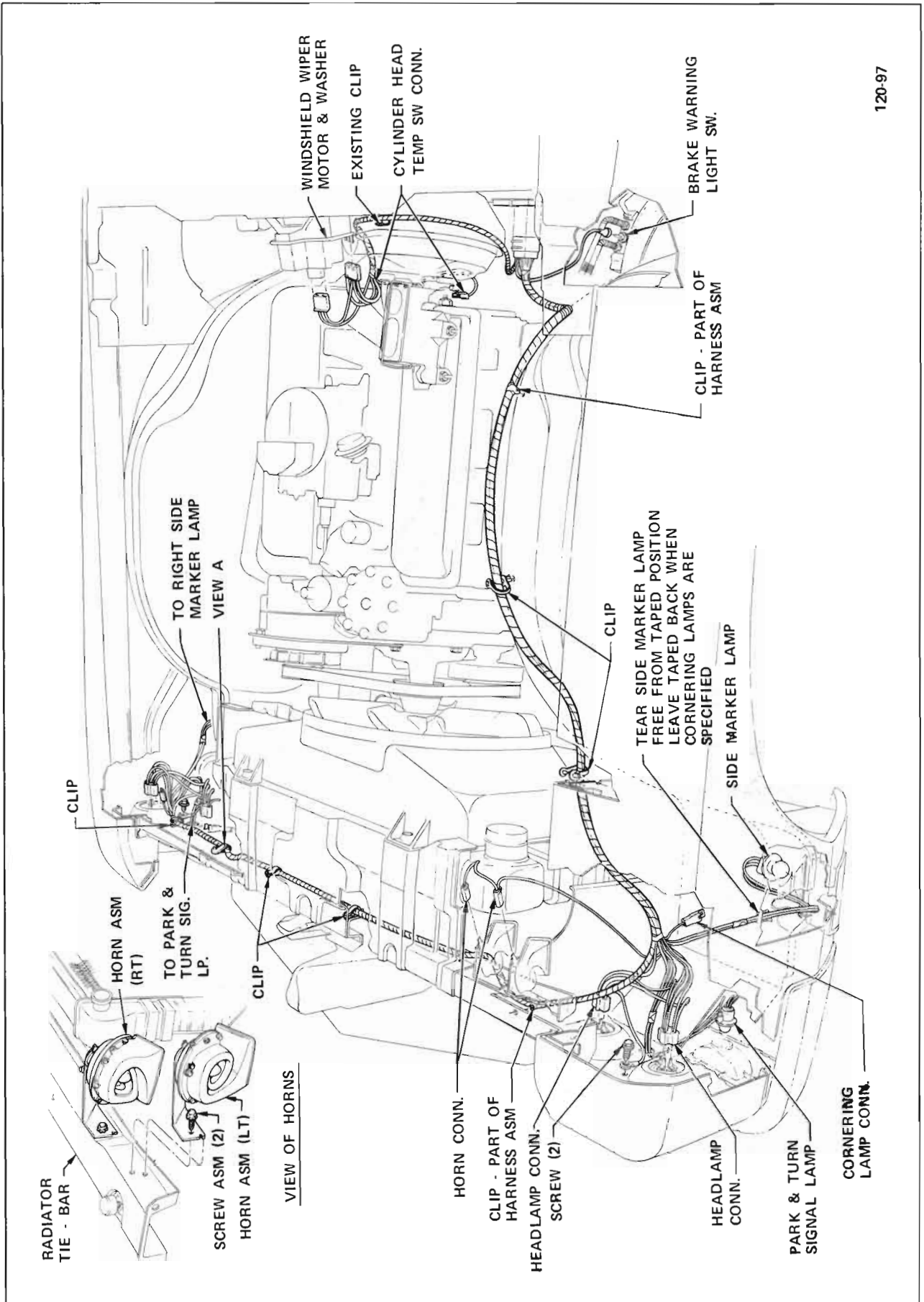
120-95

Figure 120-95 Right Side Instrument Panel Wiring - 45-46-48-49000 Series



120-96

Figure 120-96 Fuse Block and Steering Column - 45-46-48-49000 Series



120-97

Figure 120-97 Forward Lamp and Horn Wiring - 45-46-48000 SERIES

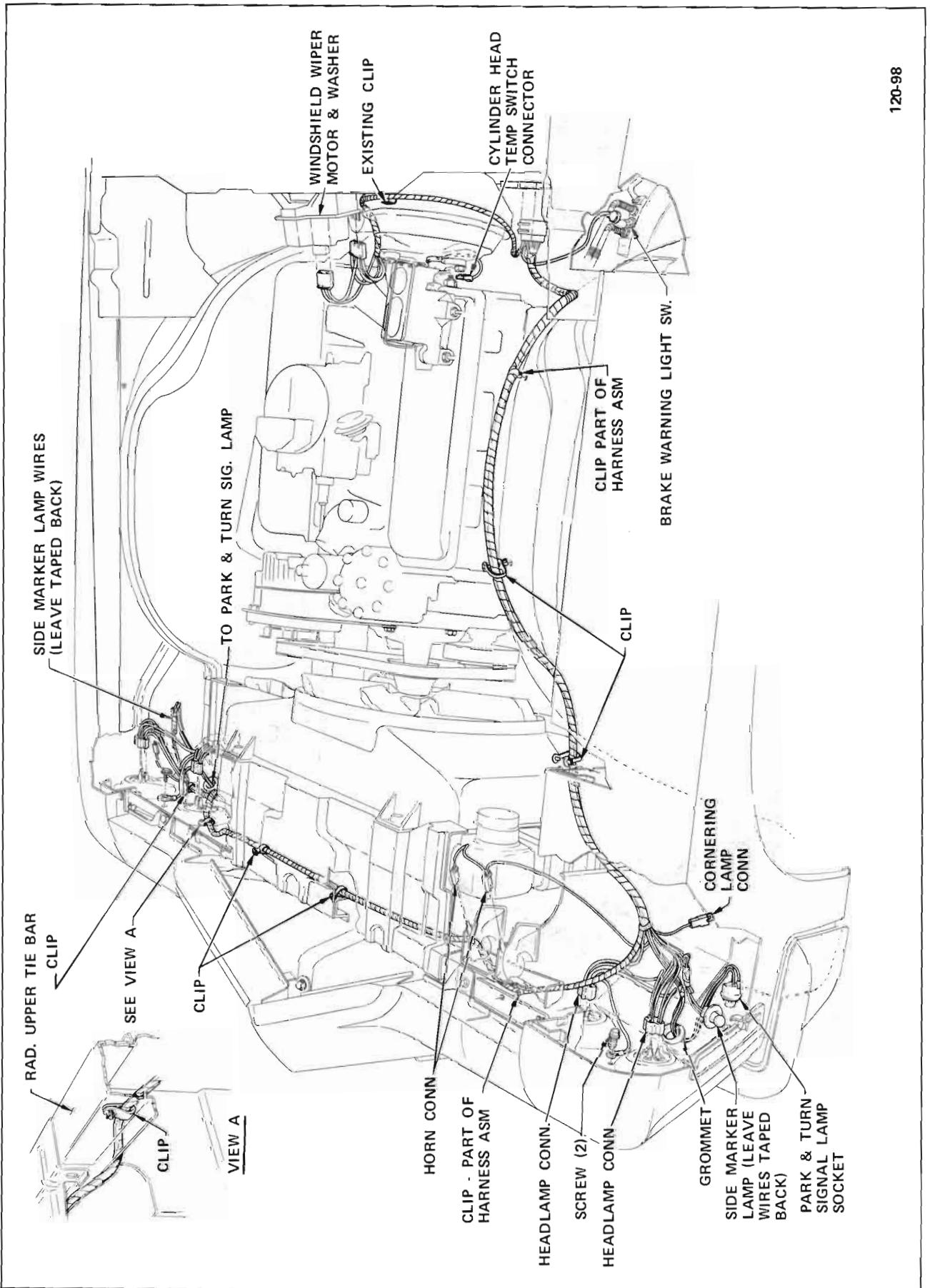


Figure 120-98 Forward Lamp and Horn Wiring - 49000 Series

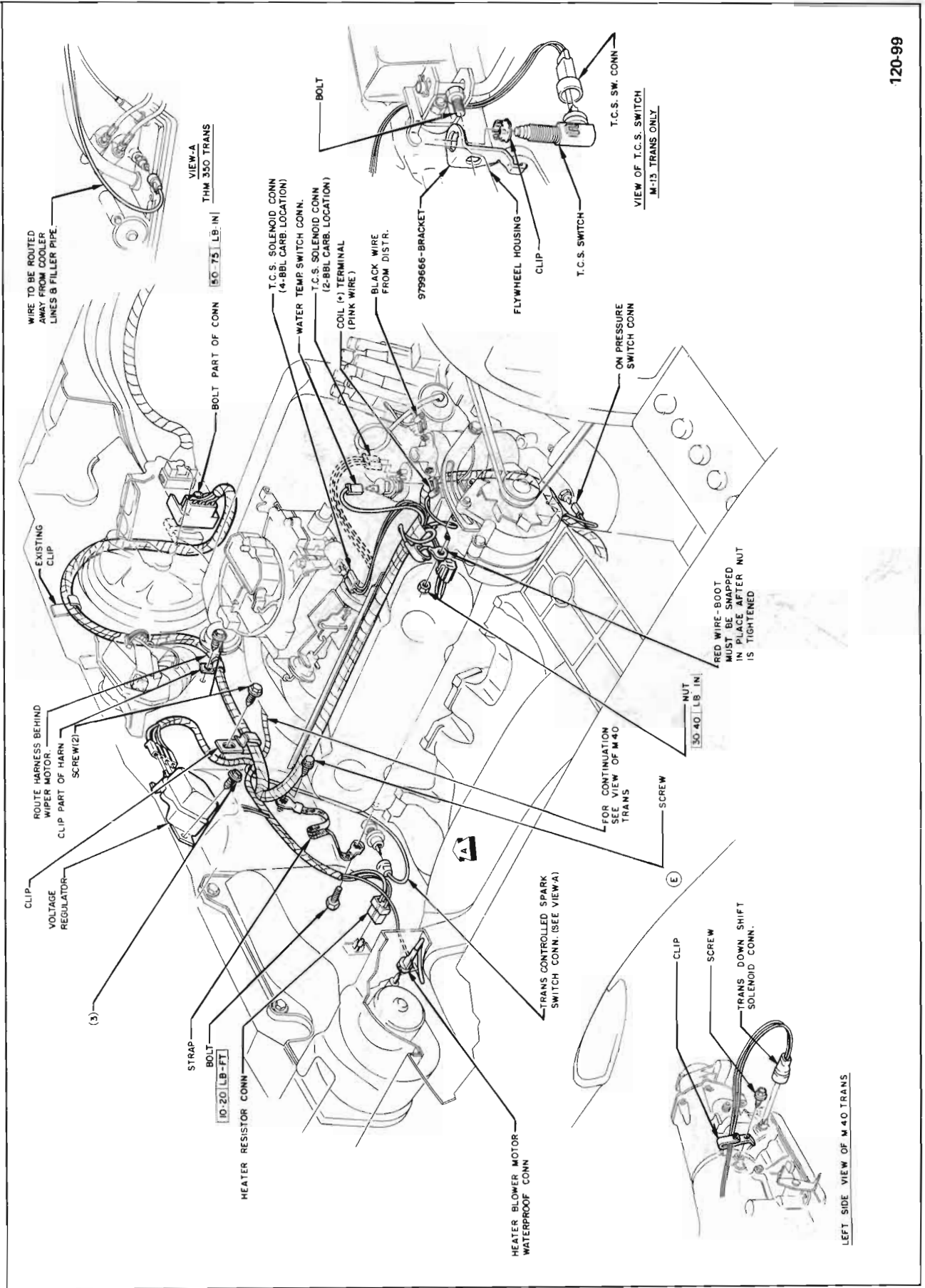
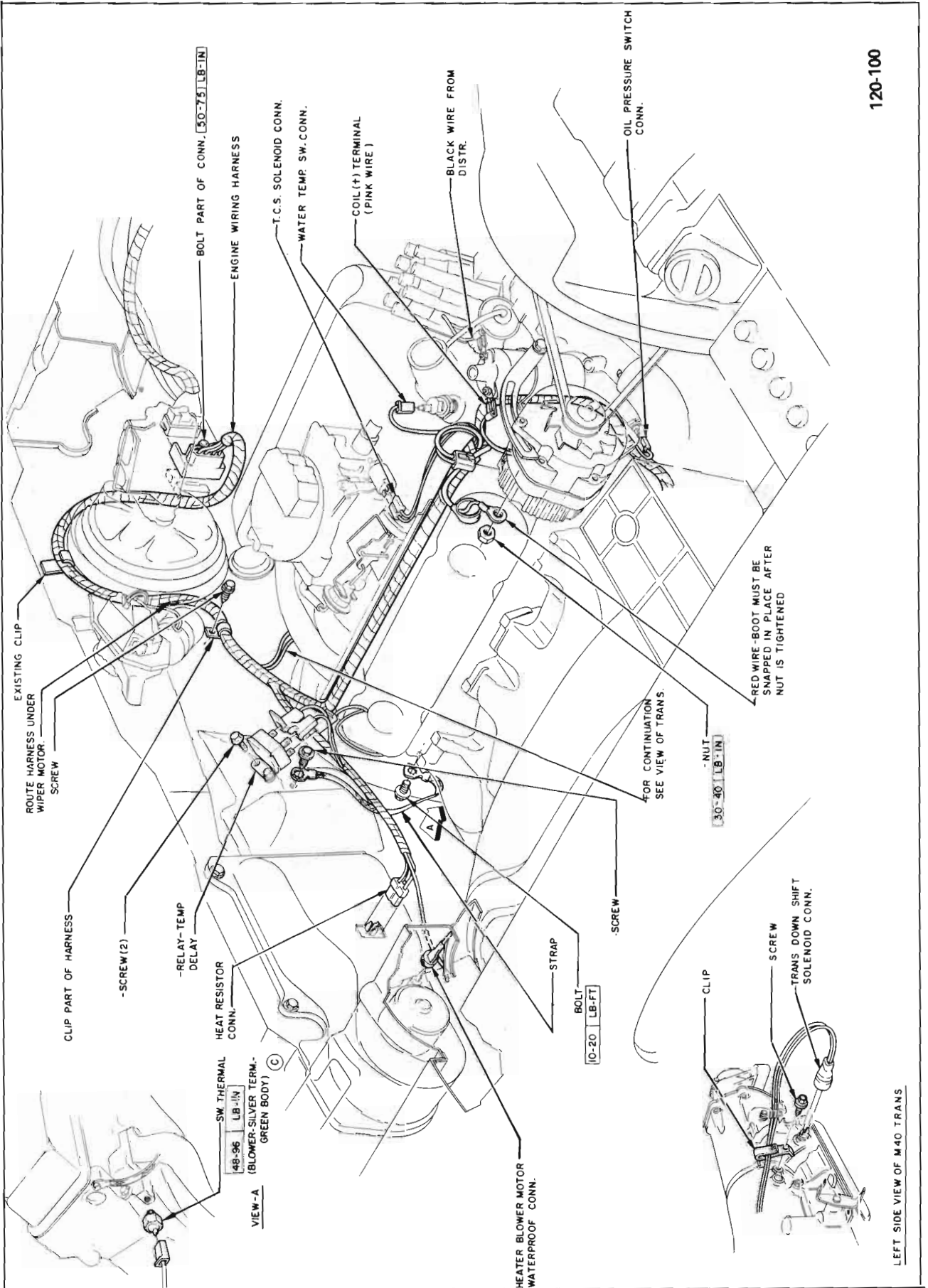
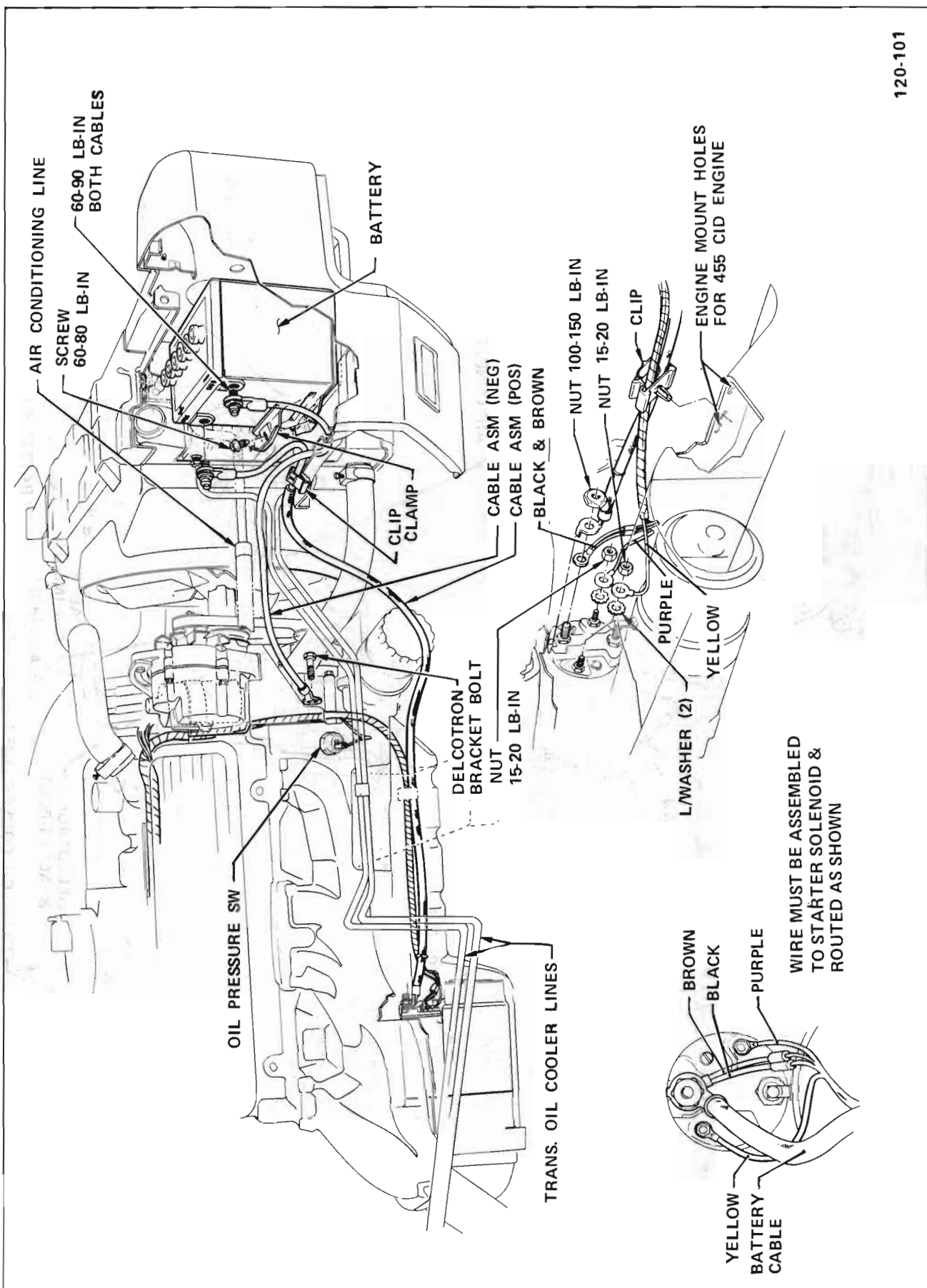


Figure 120-99 Engine Harness - Wiring - 45-46-48000 Series



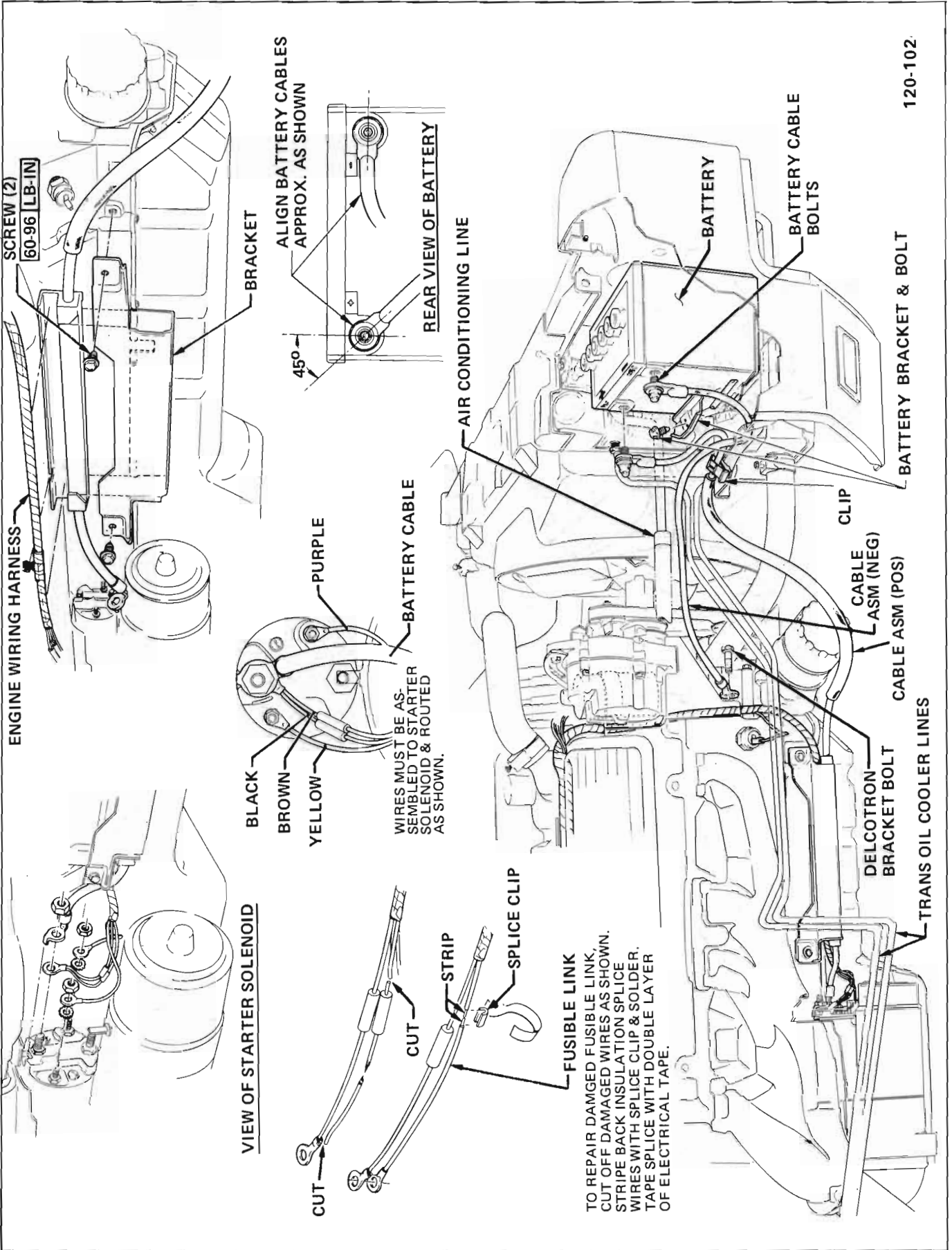
120-100

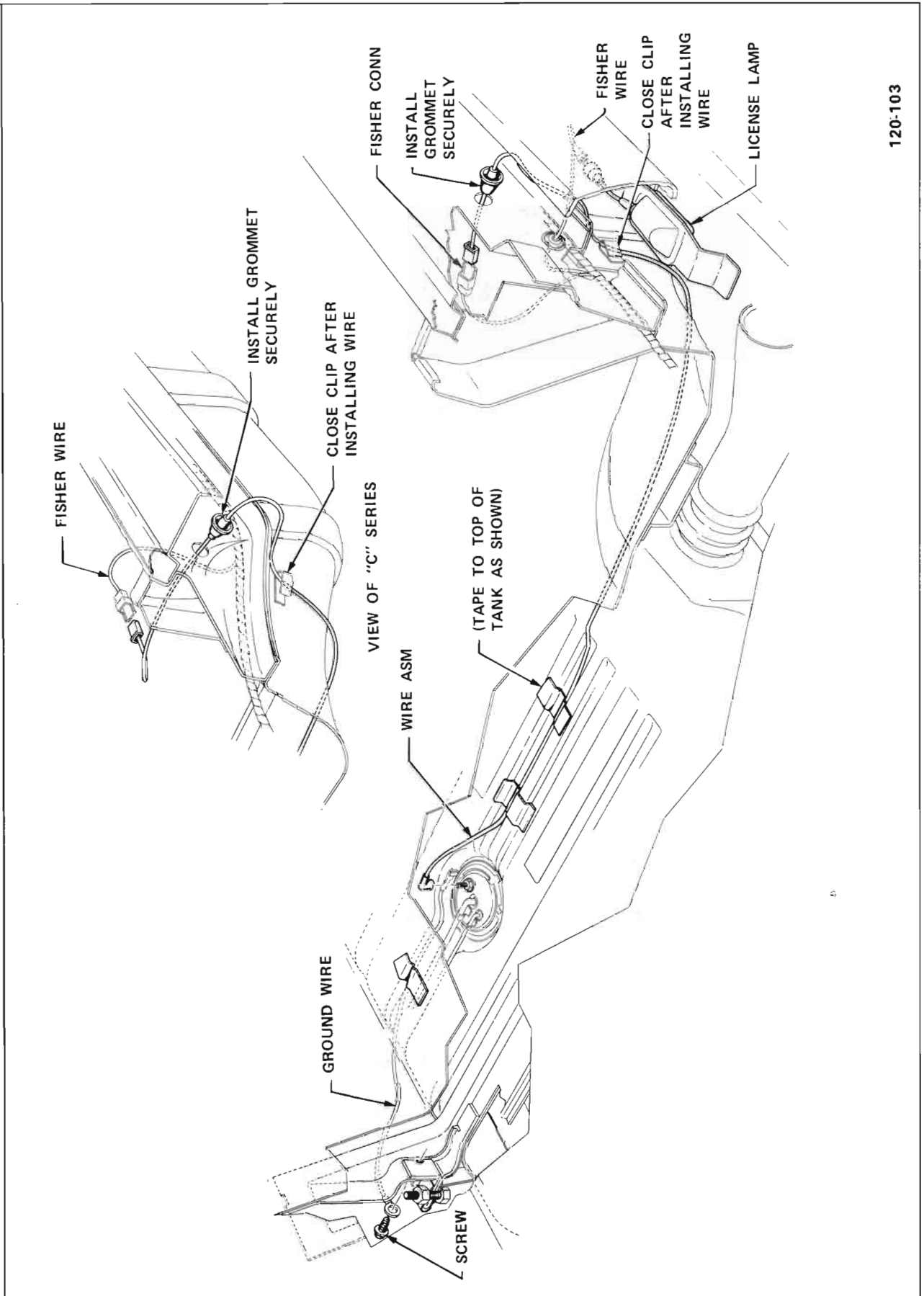
Figure 120-100 Engine Harness - Wiring - 49000 Series



120-101

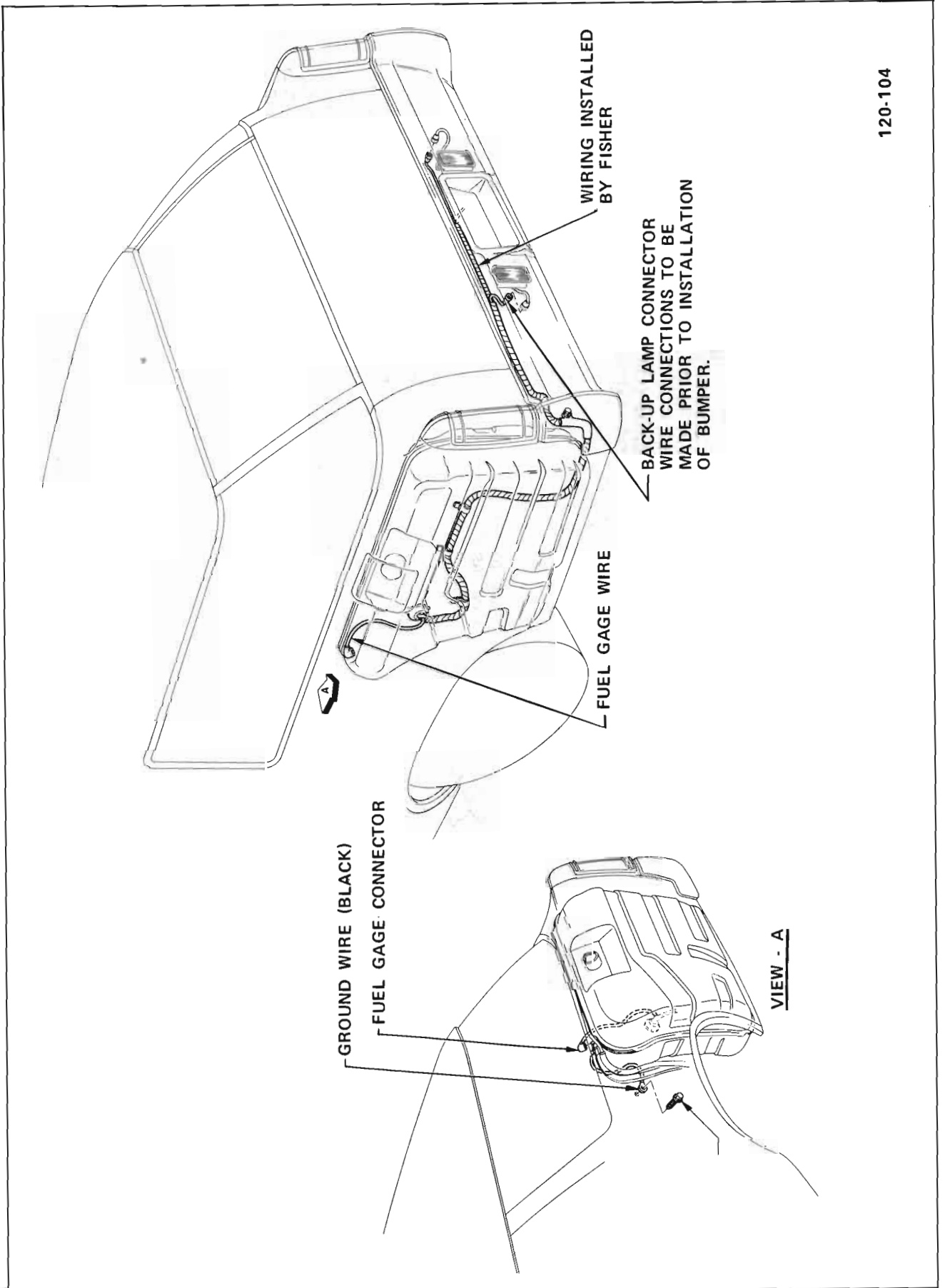
Figure 120-101 Battery Cables and Starter - 350 Engine - 45000 Series





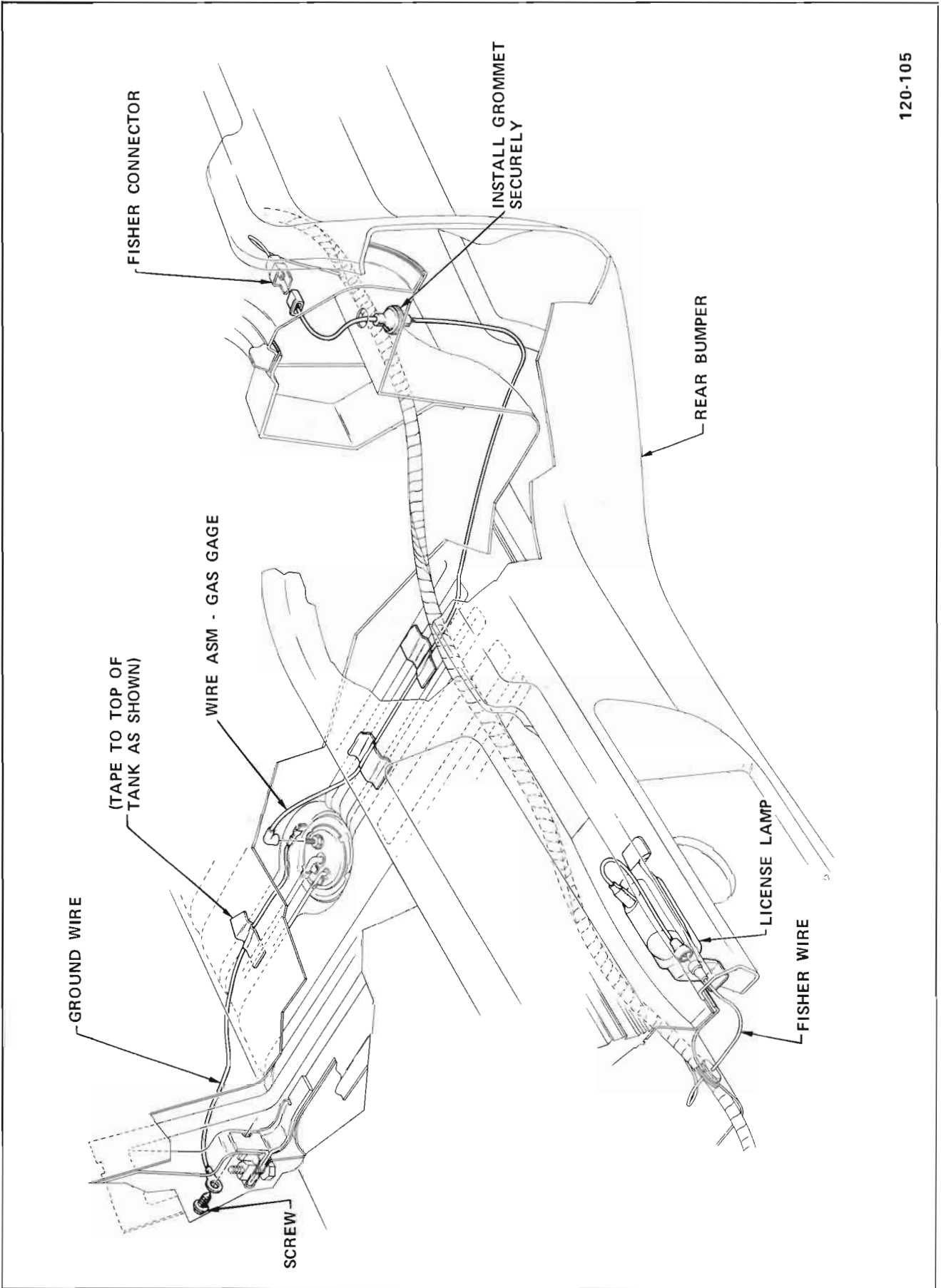
120-103

Figure 120-103 Rear Lamp and Fuel Tank - 45-46-48000 Series



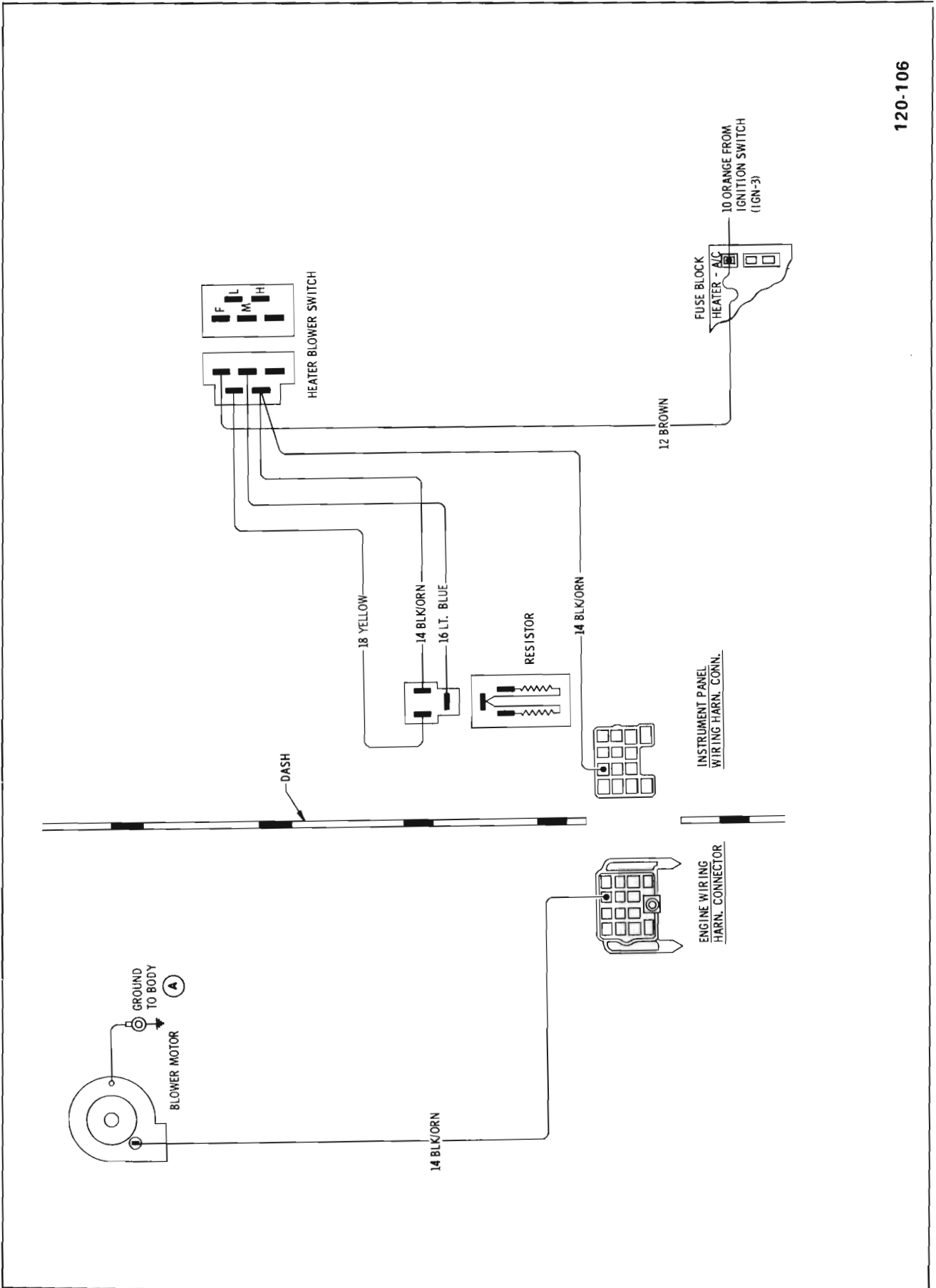
120-104

Figure 120-104 Rear Lamp and Fuel Tank - Estate Wagon 45000 Series



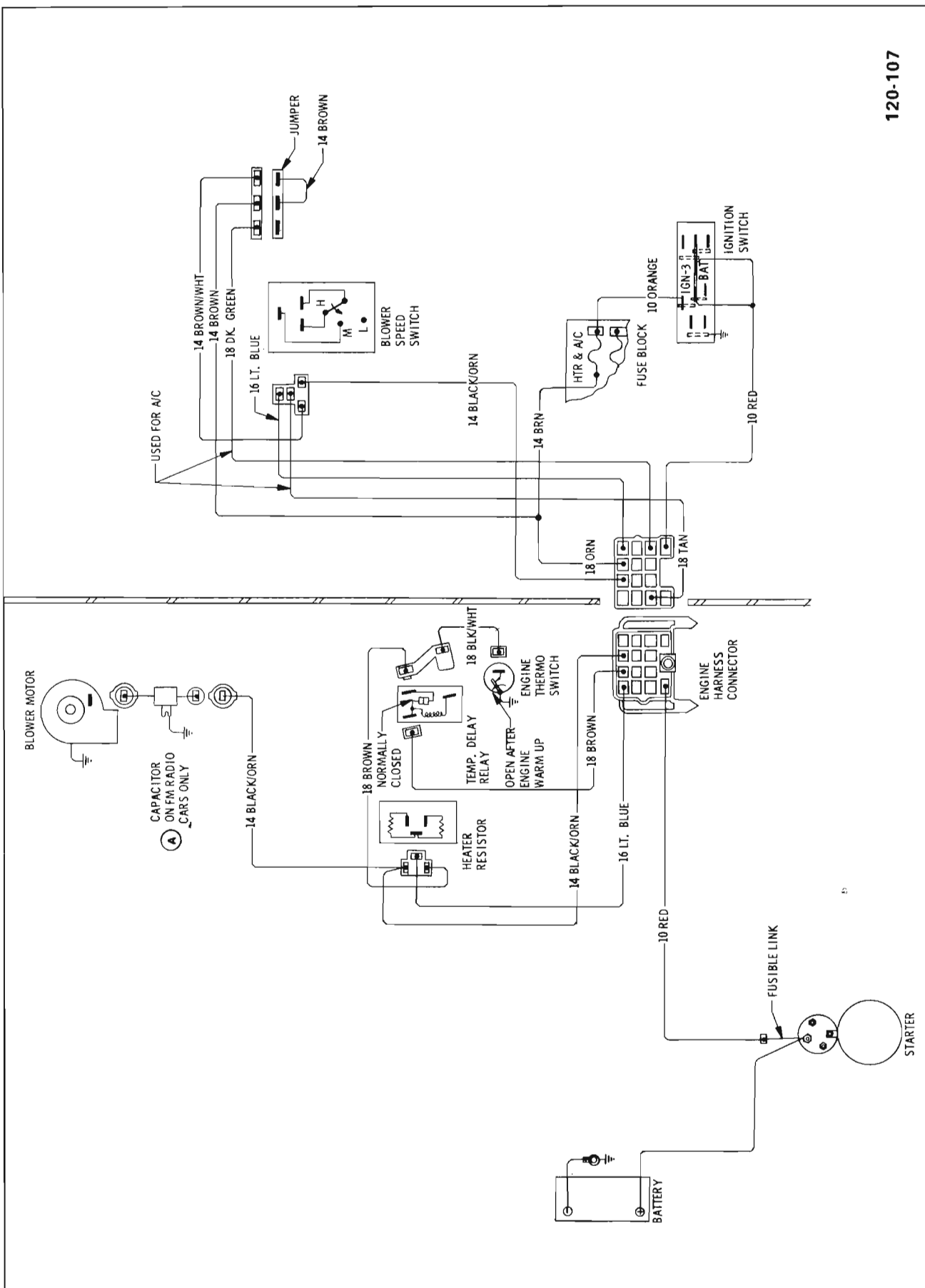
120-105

Figure 120-105 Rear Lamp and Fuel Tank - 49000 Series



120-106

Figure 120-106 Heater Wiring Diagram - 43-44000 Series



120-107

Figure 120-107 Heater Wiring Diagram - 45-46-48-49000 Series

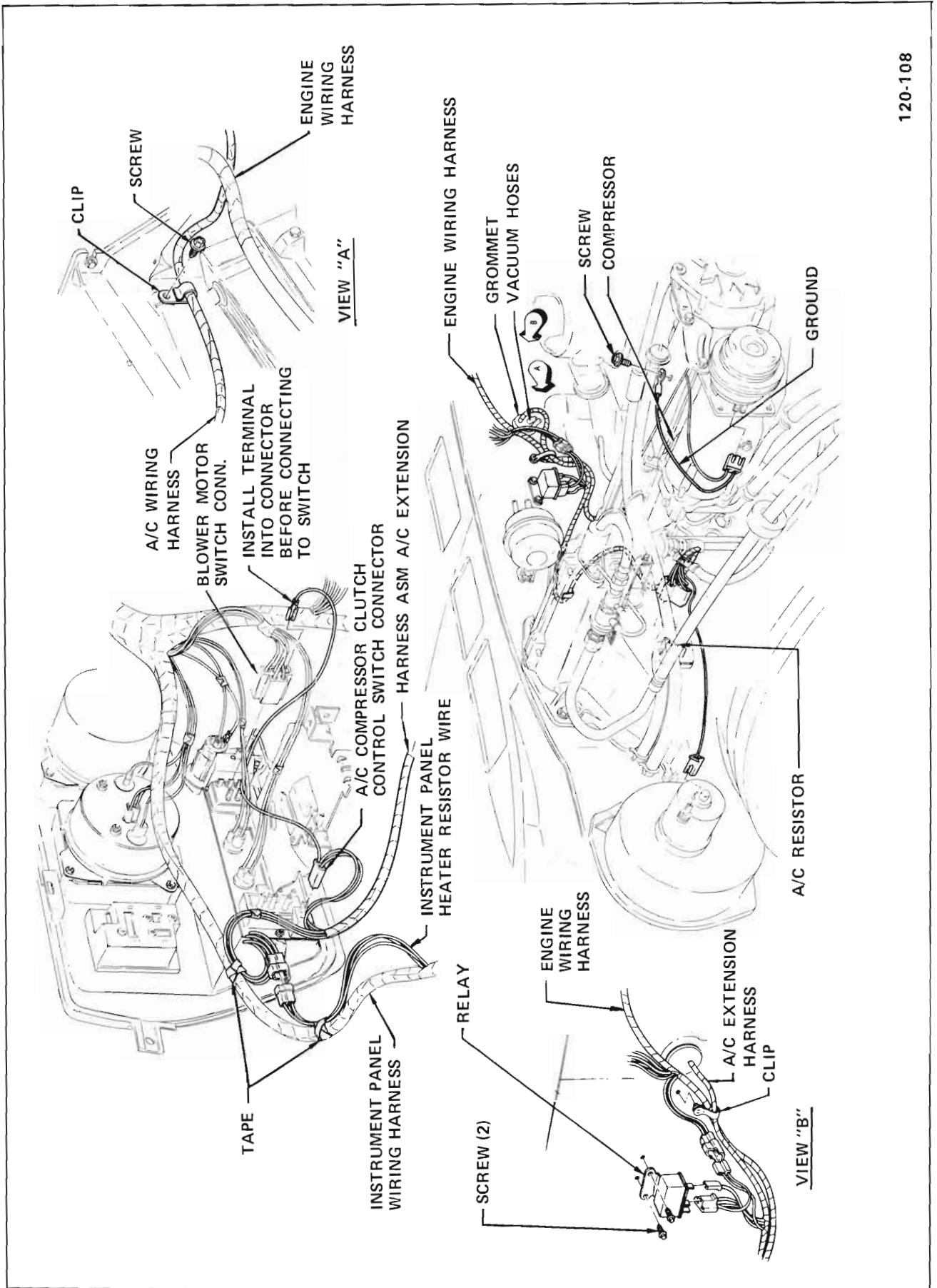
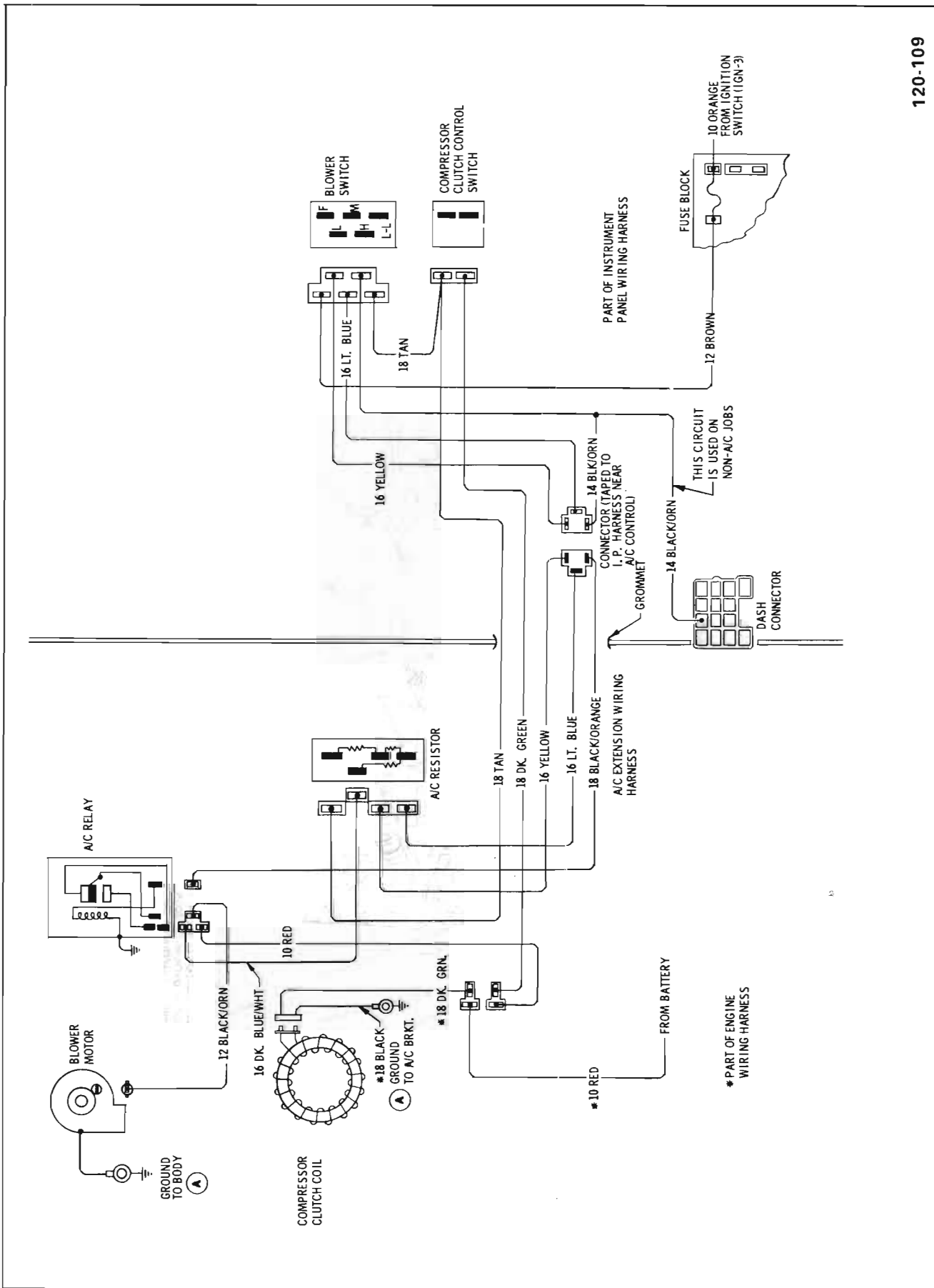


Figure 120-108 Air Conditioning Wiring Diagram - 43-44000 Series



120-109

Figure 120-109 Air Conditioning Wiring Diagram - 43-44000 Series

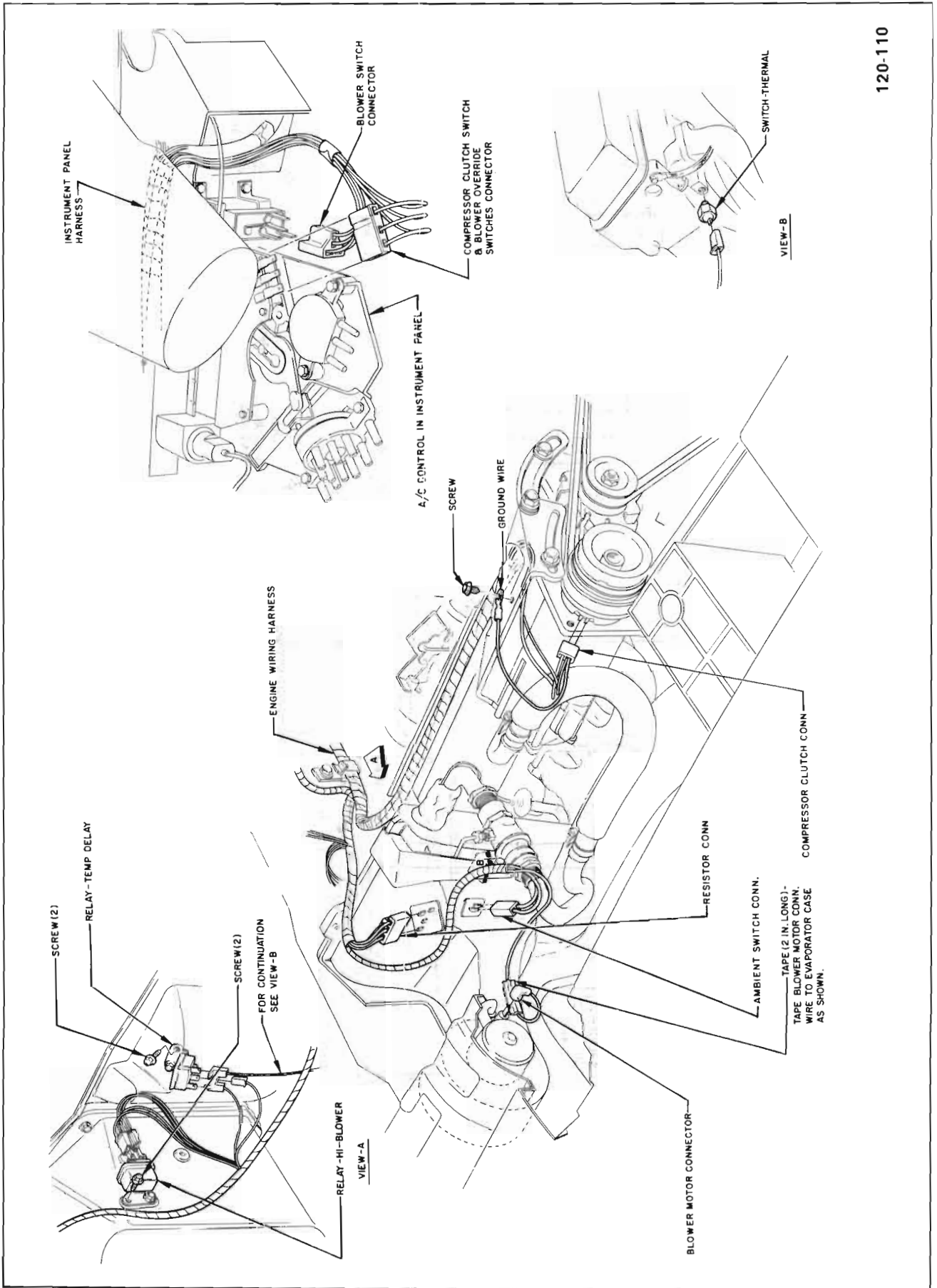


Figure 120-110 Air Conditioning Wiring (Manual) - 45-46-48-49000 Series

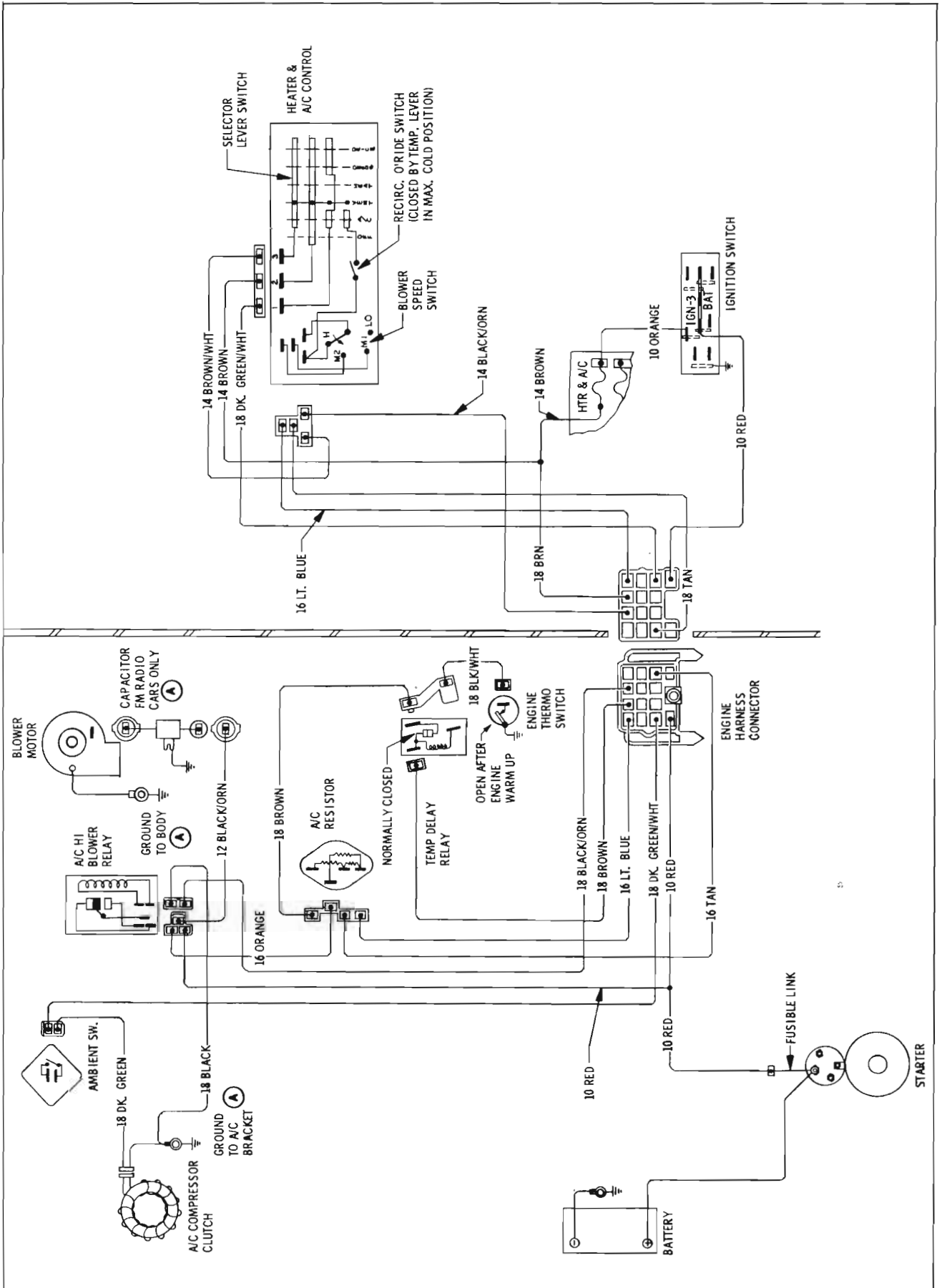
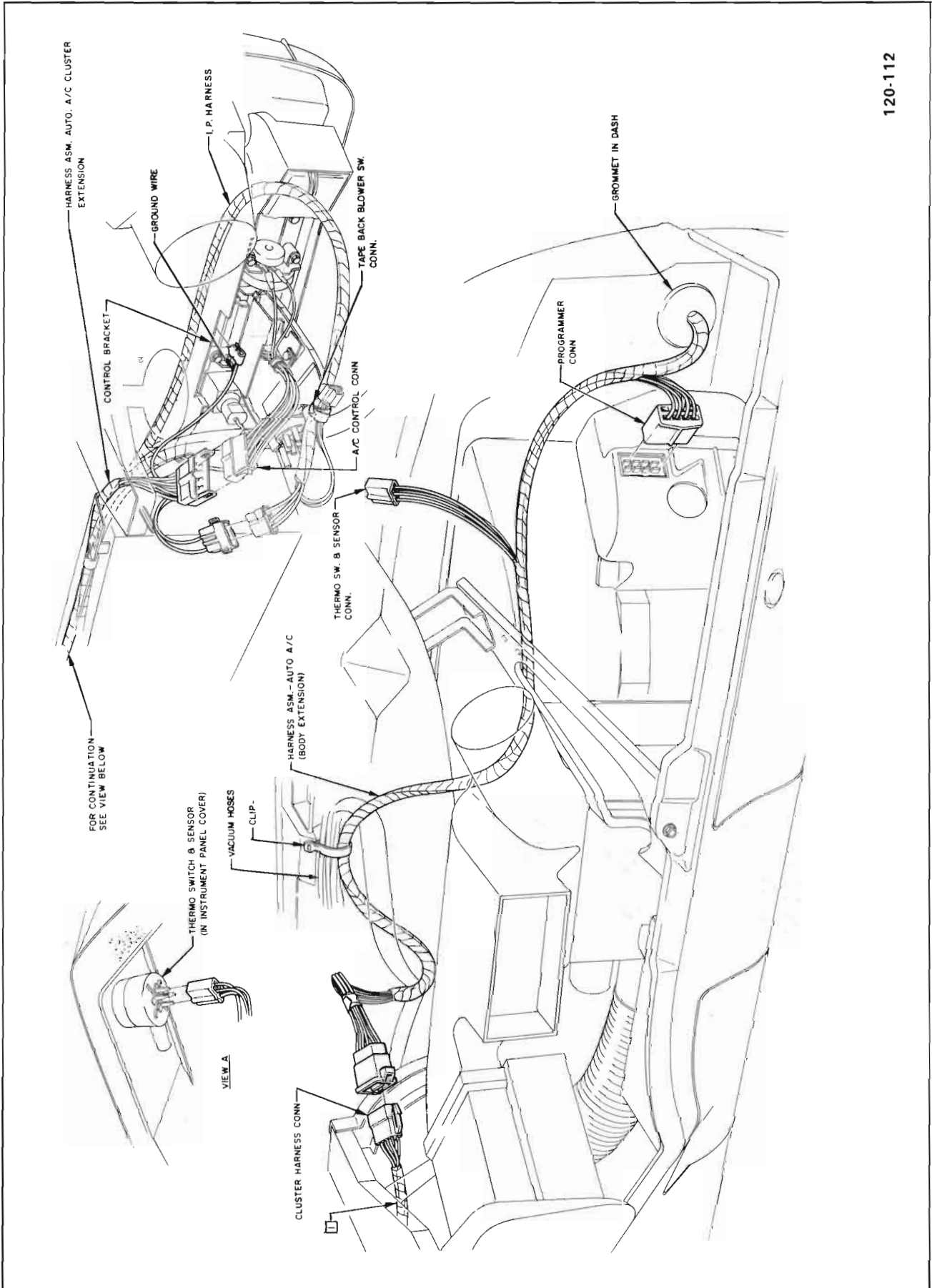
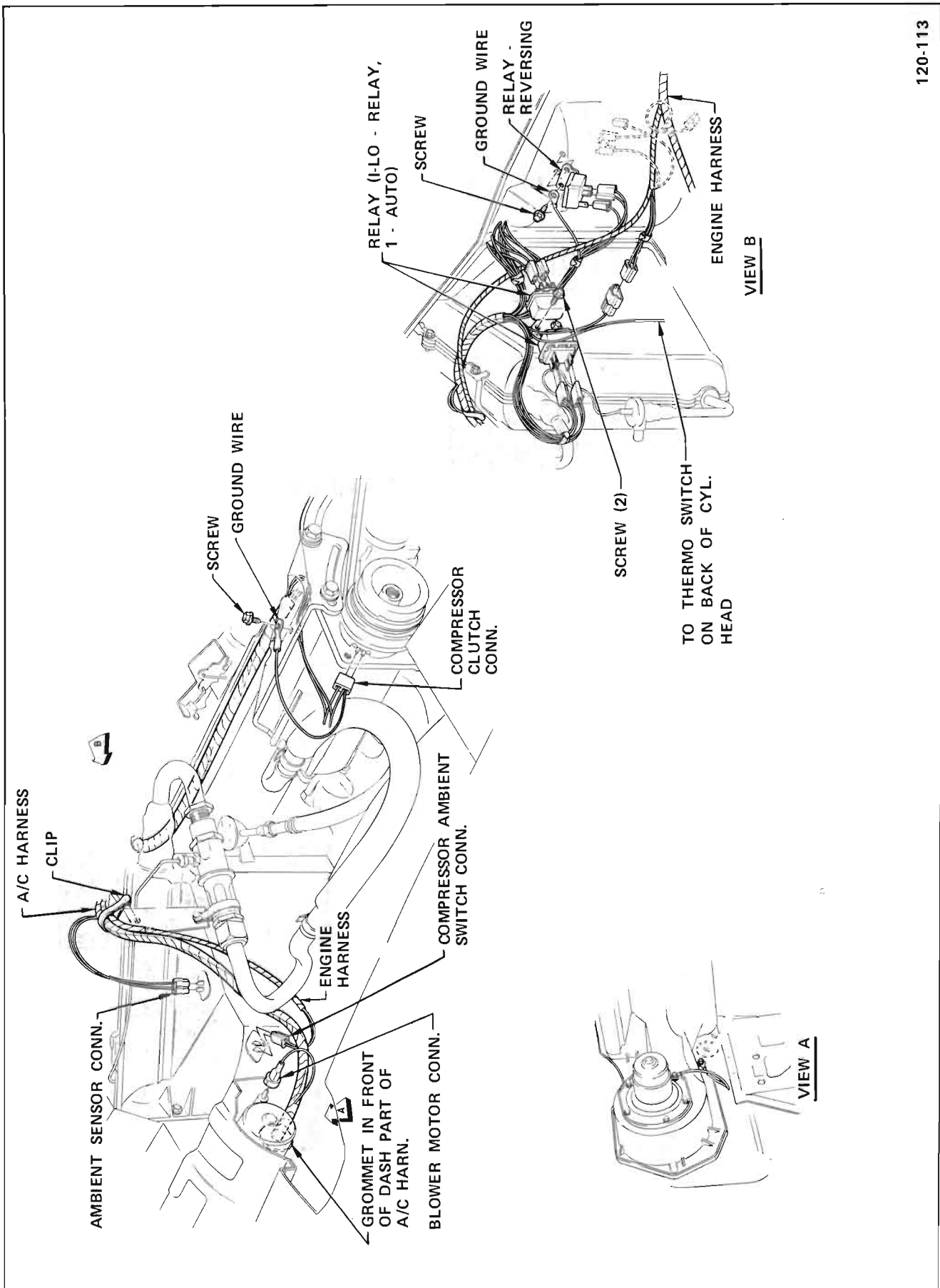


Figure 120-111 Air Conditioning Wiring Diagram (Manual) - 45-46-48-49000 Series



120-112

Figure 120-112 Air Conditioning Instrument Panel Wiring (Automatic) - 45-46-48-49000 Series



120-113

Figure 120-113 Air Conditioning Engine Compartment Wiring (Automatic) - 45-46-48-49000 Series

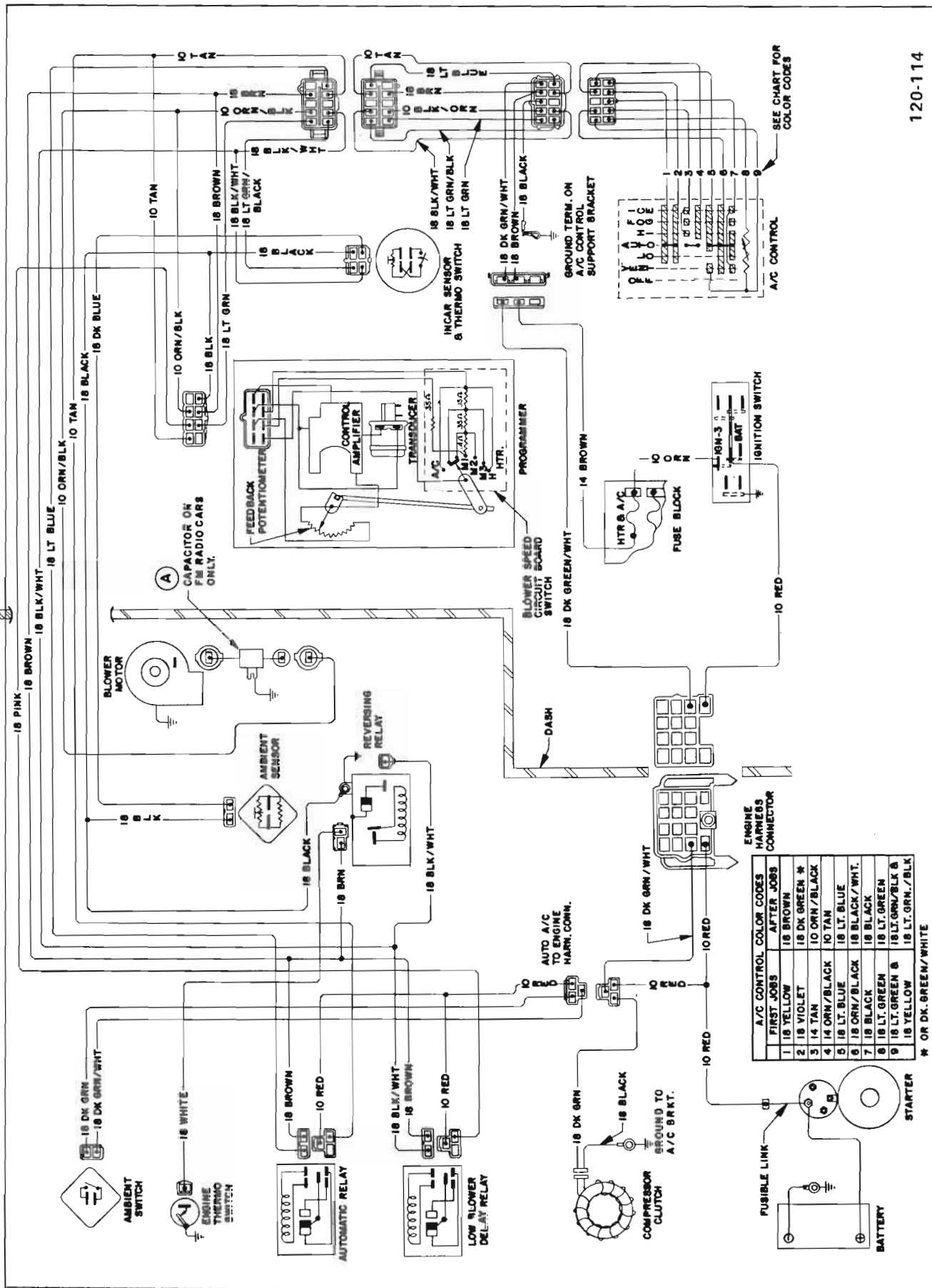
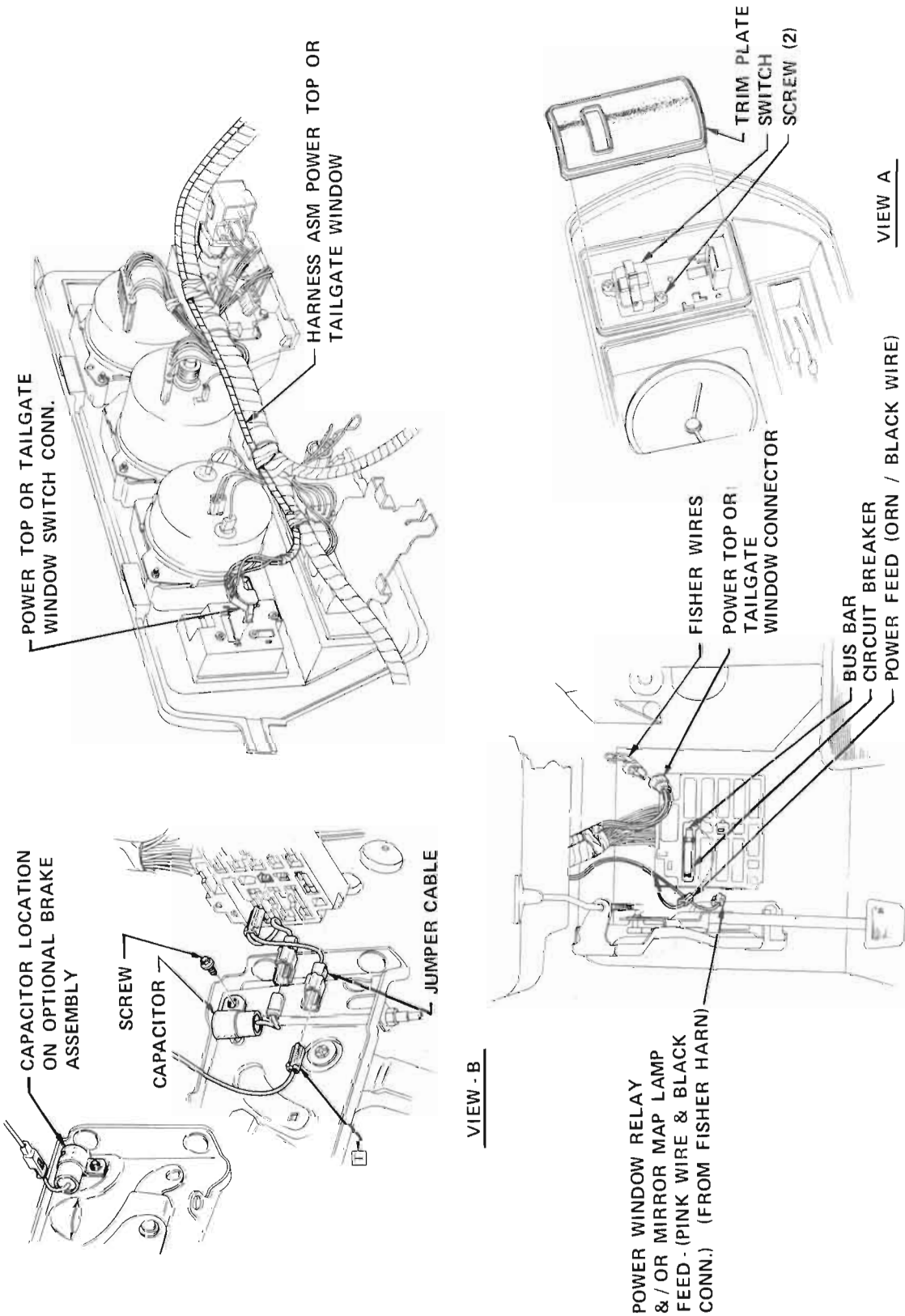
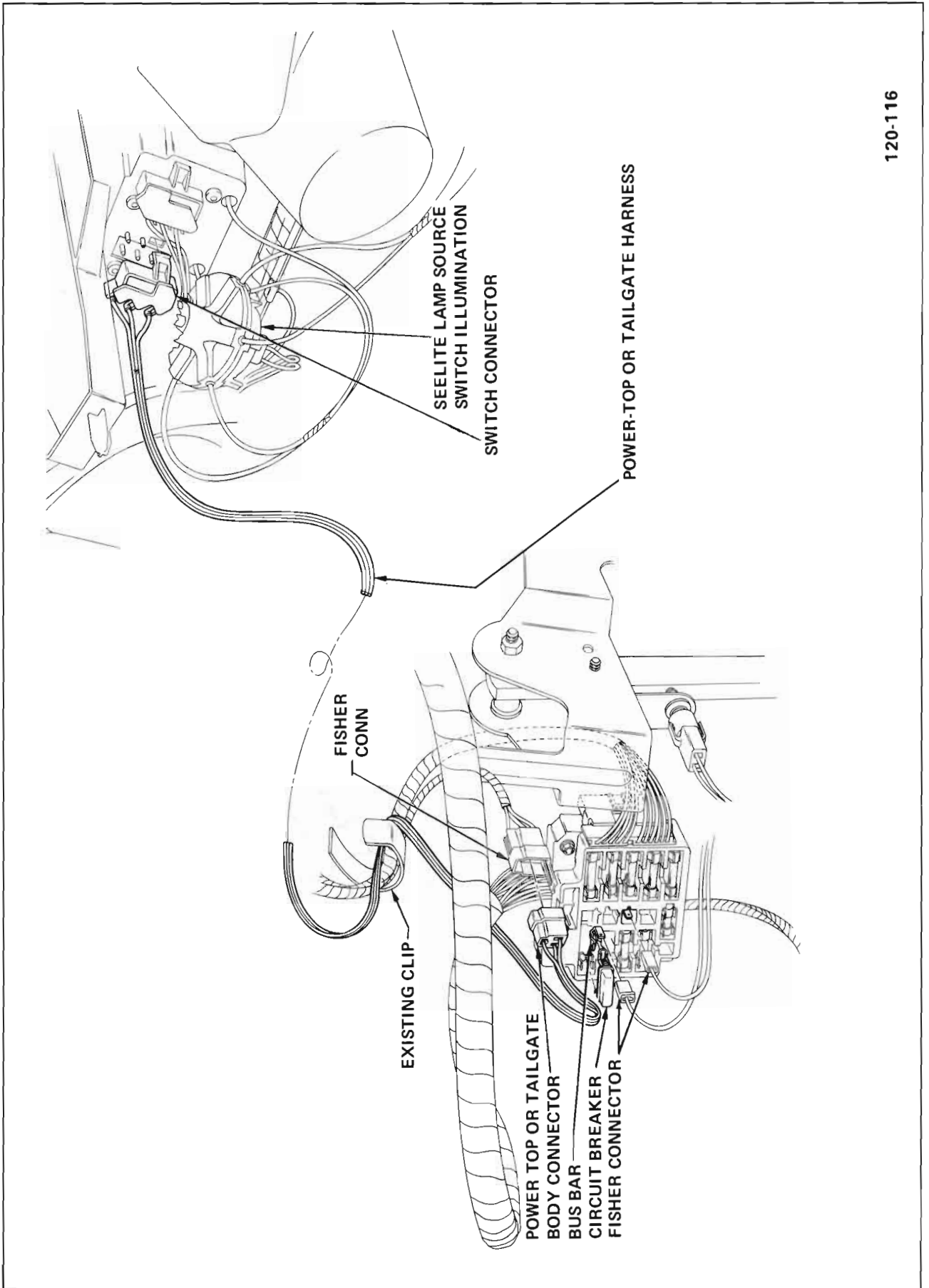


Figure 120-114 Air Conditioning Wiring Diagram (Automatic) - 45-46-48-49000 Series



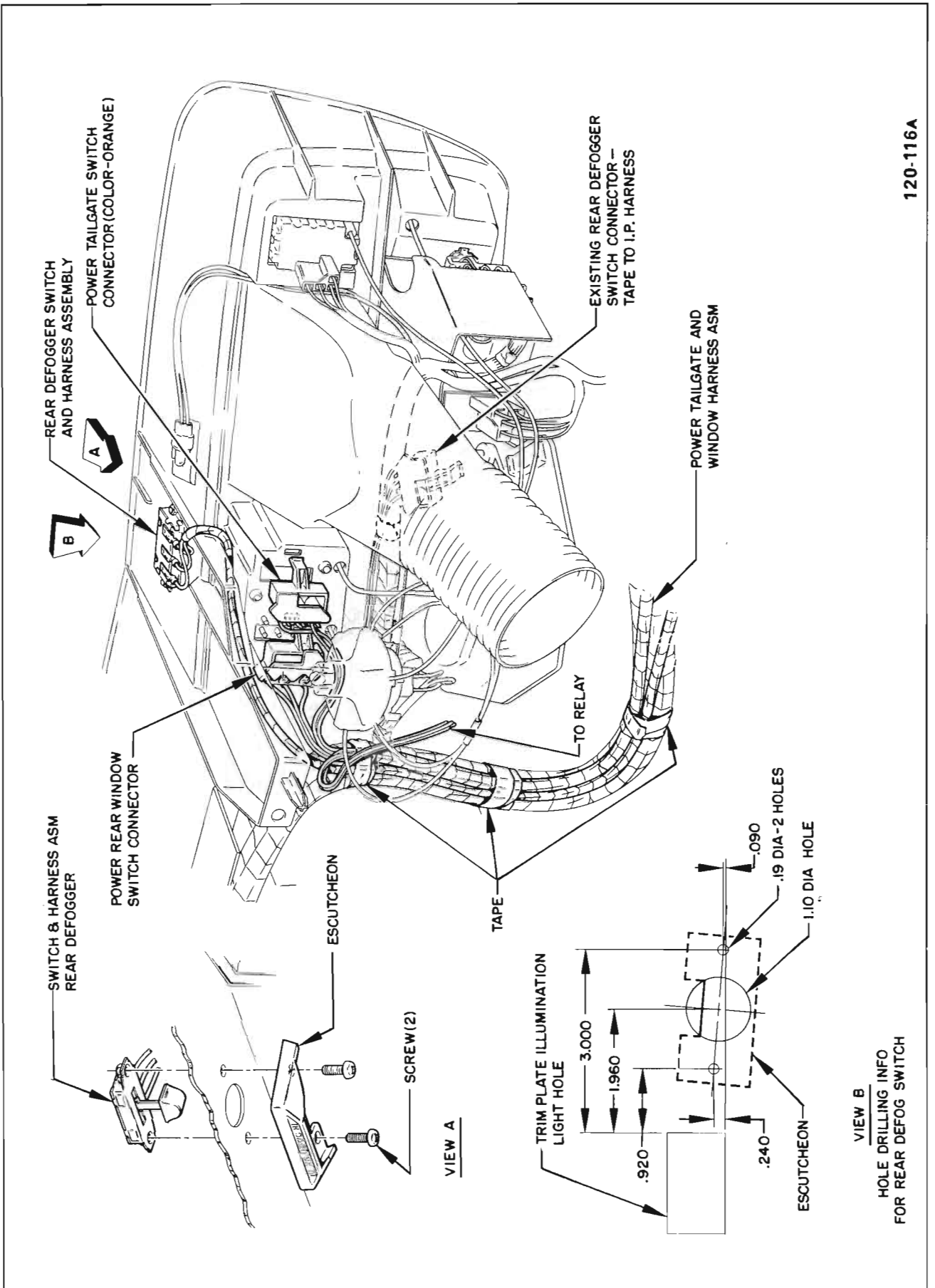
120-115

Figure 120-115 Power Top and Tailgate Window - 43-44000 Series



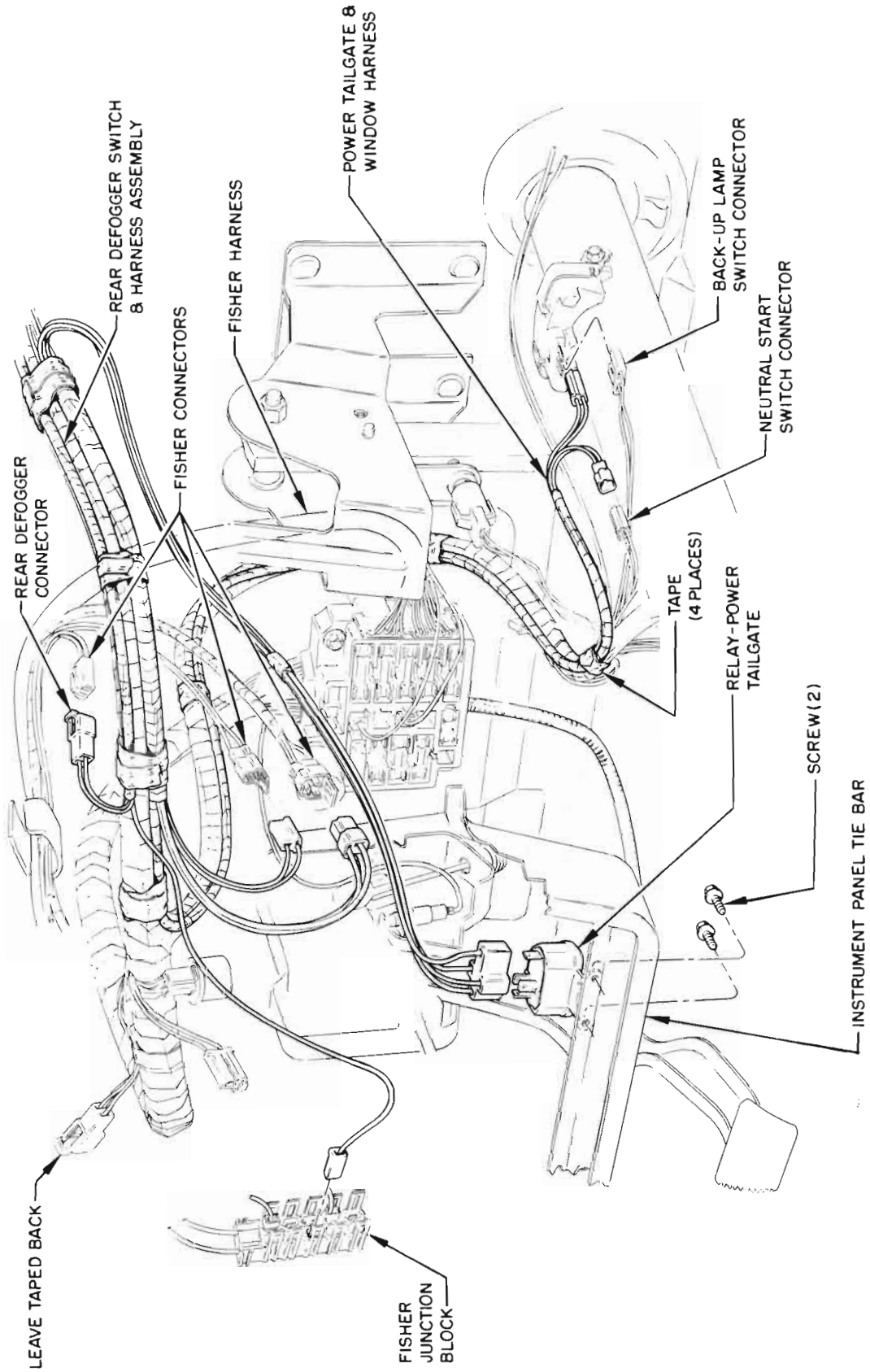
120-116

Figure 120-116 Power Top and Tailgate Window - 45000 Series



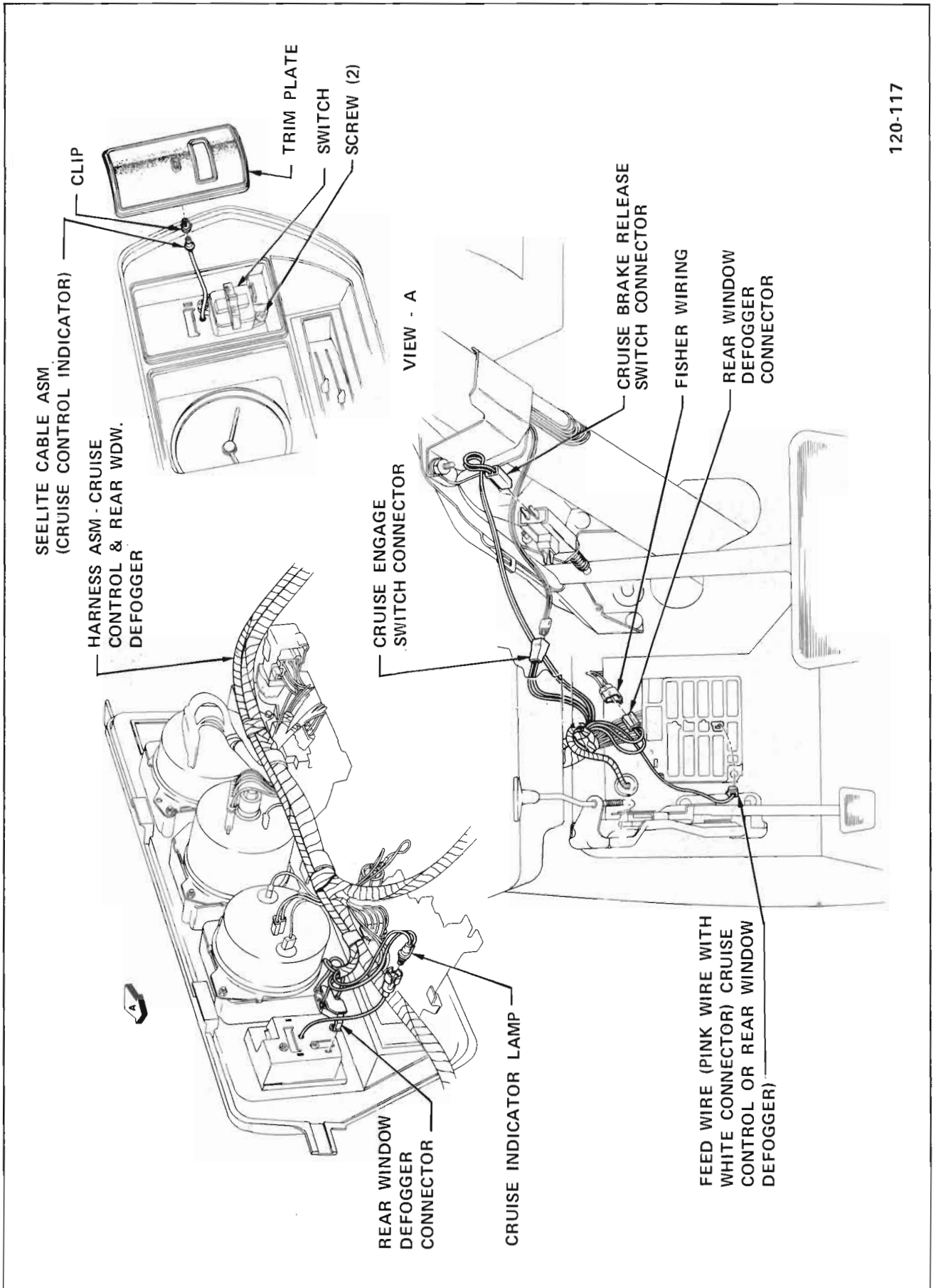
120-116A

Figure 120-116A Power Tailgate and Window W/Rear Defogger - 45000 Series



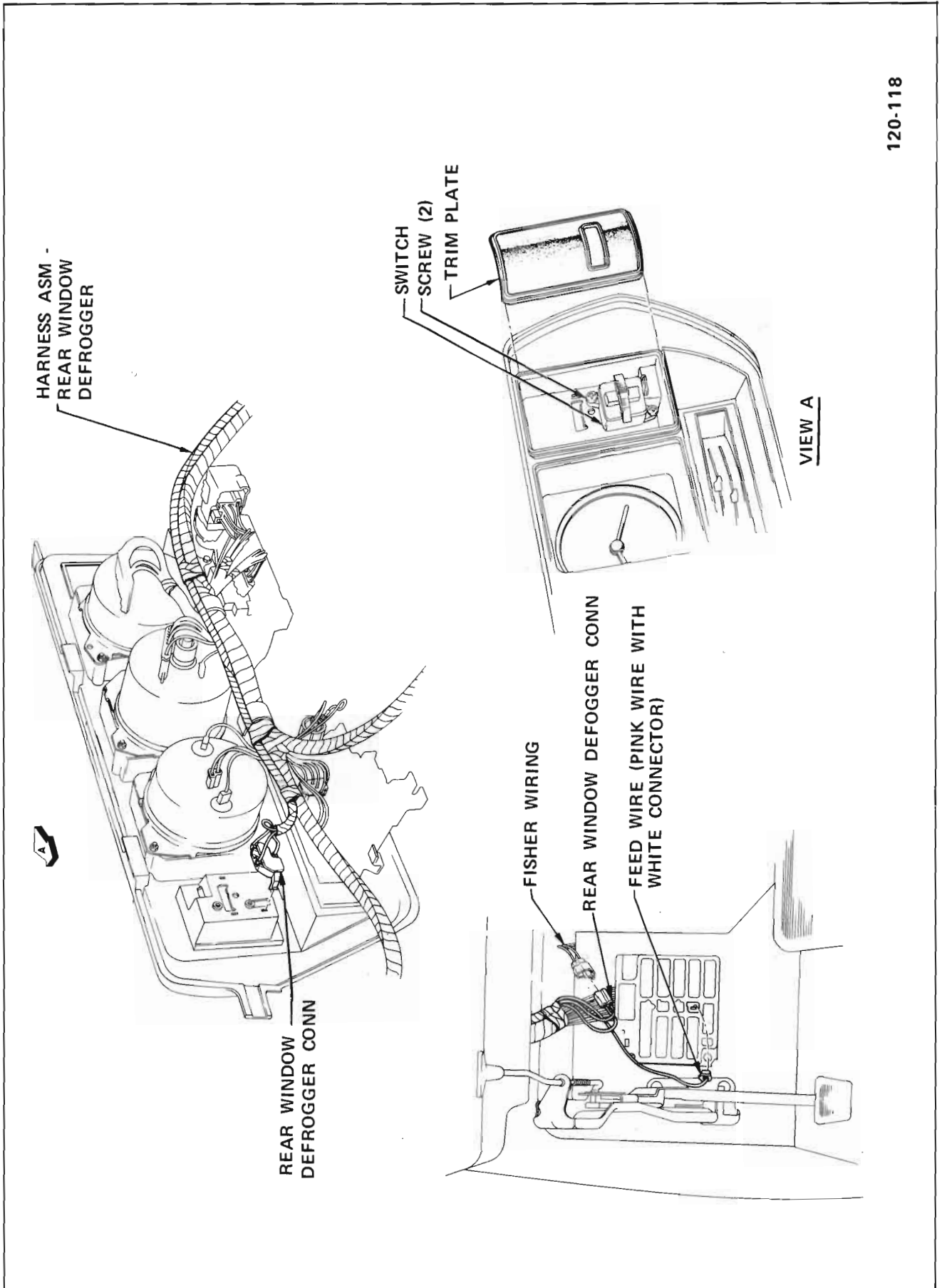
120-116B

Figure 120-116B Power Tailgate and Window W/Rear Defogger - 45000 Series



120-117

Figure 120-117 Wiring - Cruise Control and Rear Window Defogger - 43-44000 Series



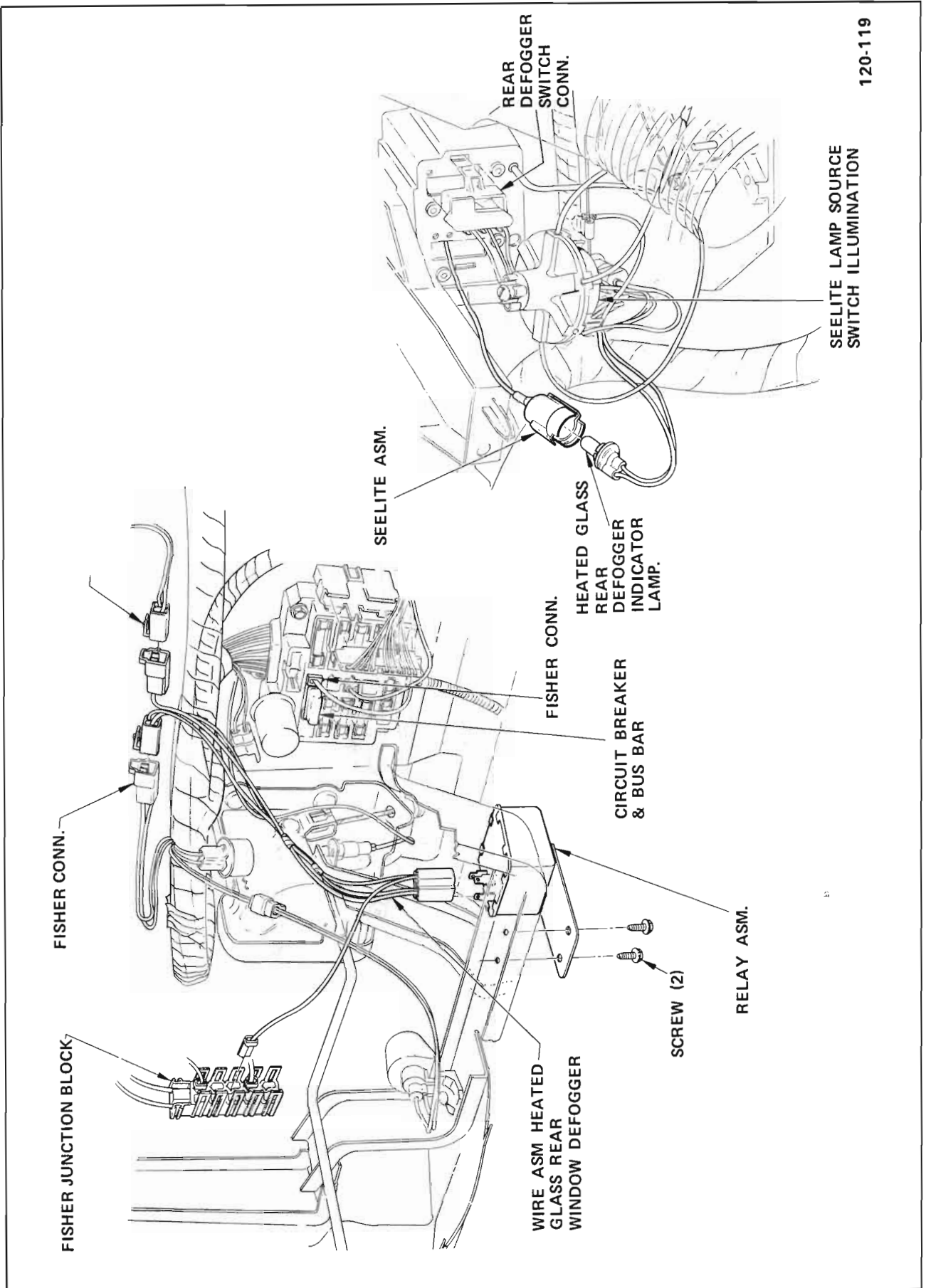


Figure 120-119 Heater Glass Rear Defogger Wiring - 43-44000 Series

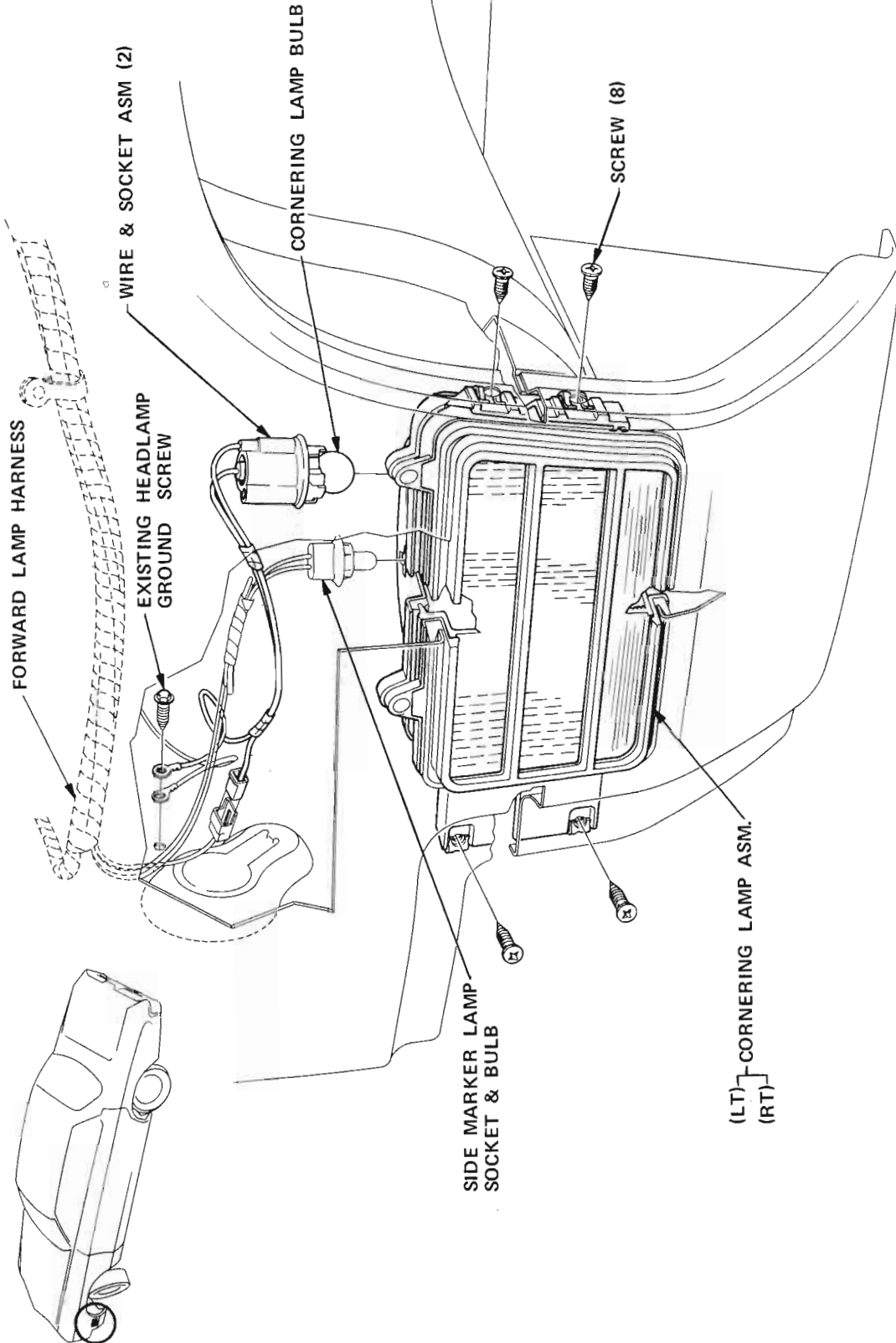
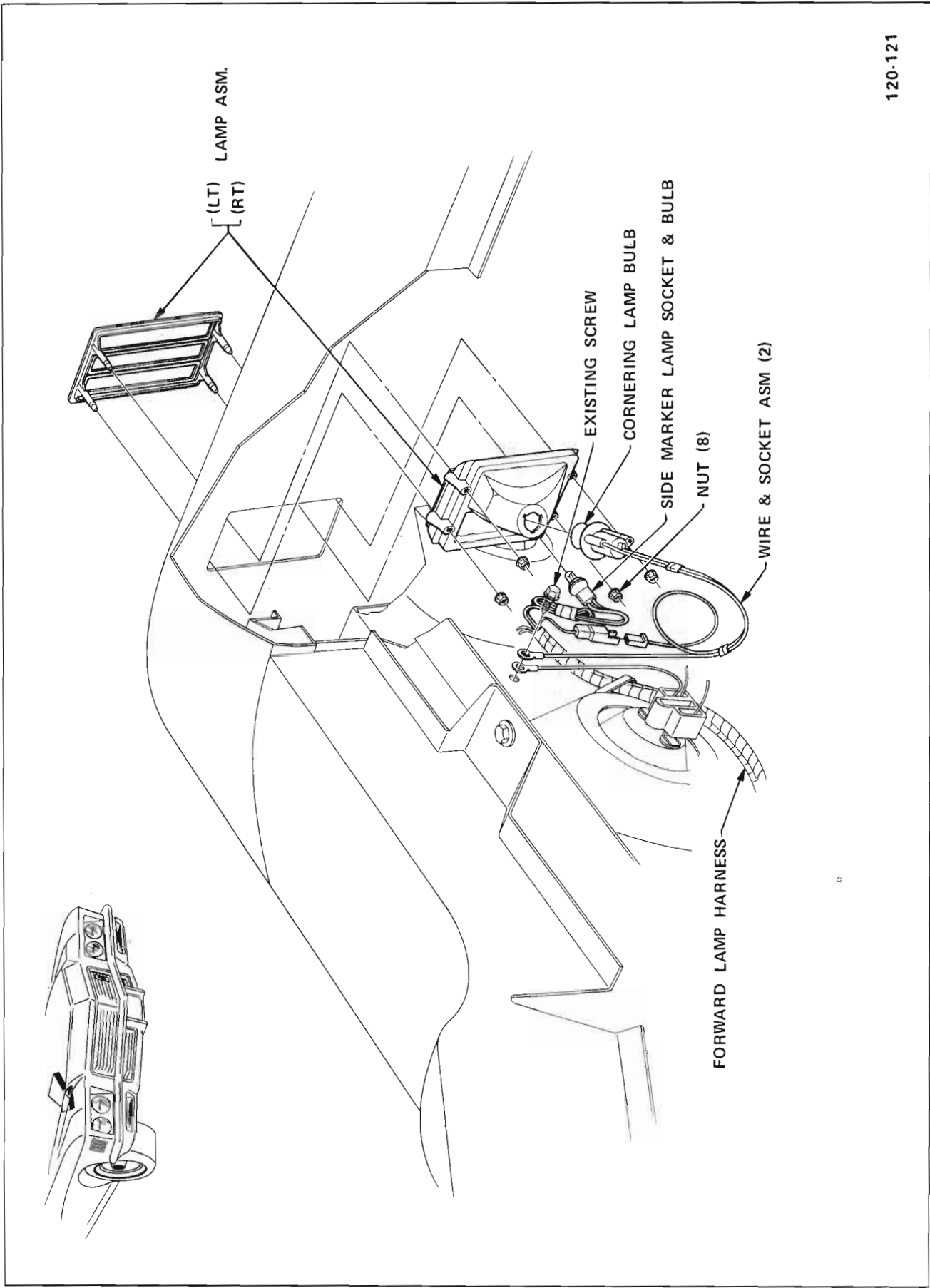
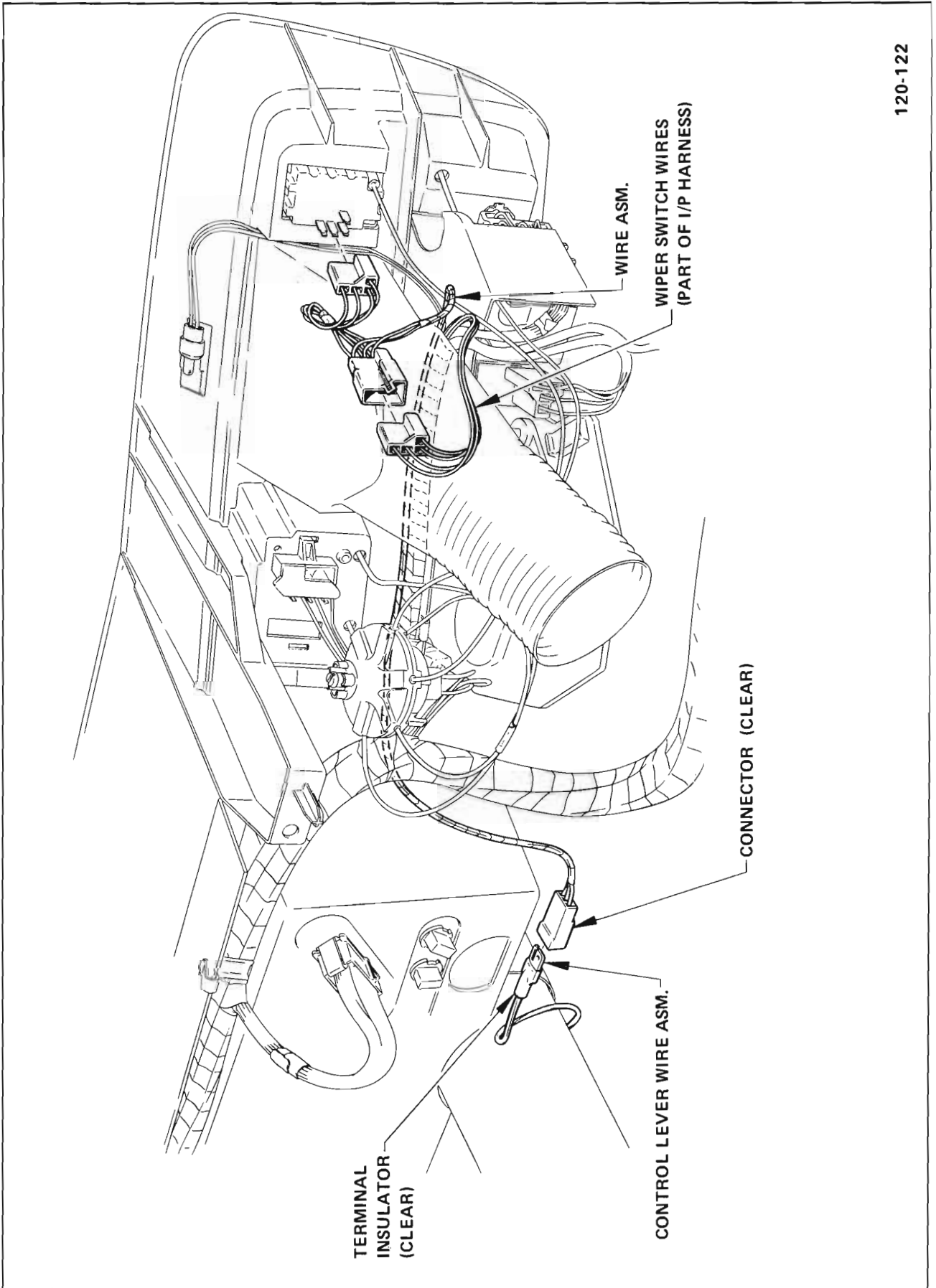


Figure 120-120 Cornering Lamp Wiring - 45-46-48000 Series



120-121

Figure 120-121 Cornering Lamp Wiring - 49000 Series



120-122

Figure 120-122 Demand Wiper Control Wiring - 45-46-48-49000 Series

120-123

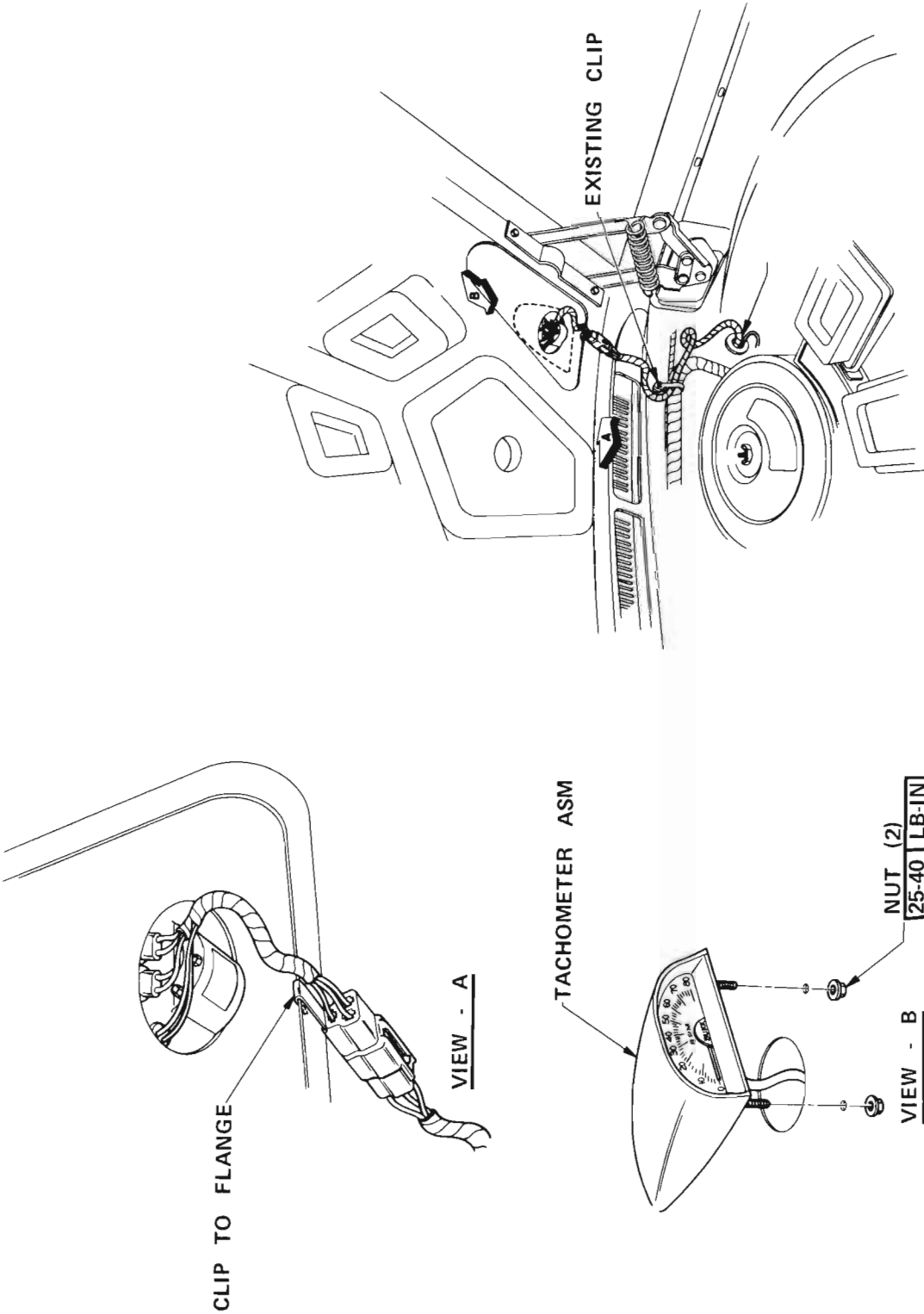


Figure 120-123 Hood Mounted Tachometer - 43000 Series

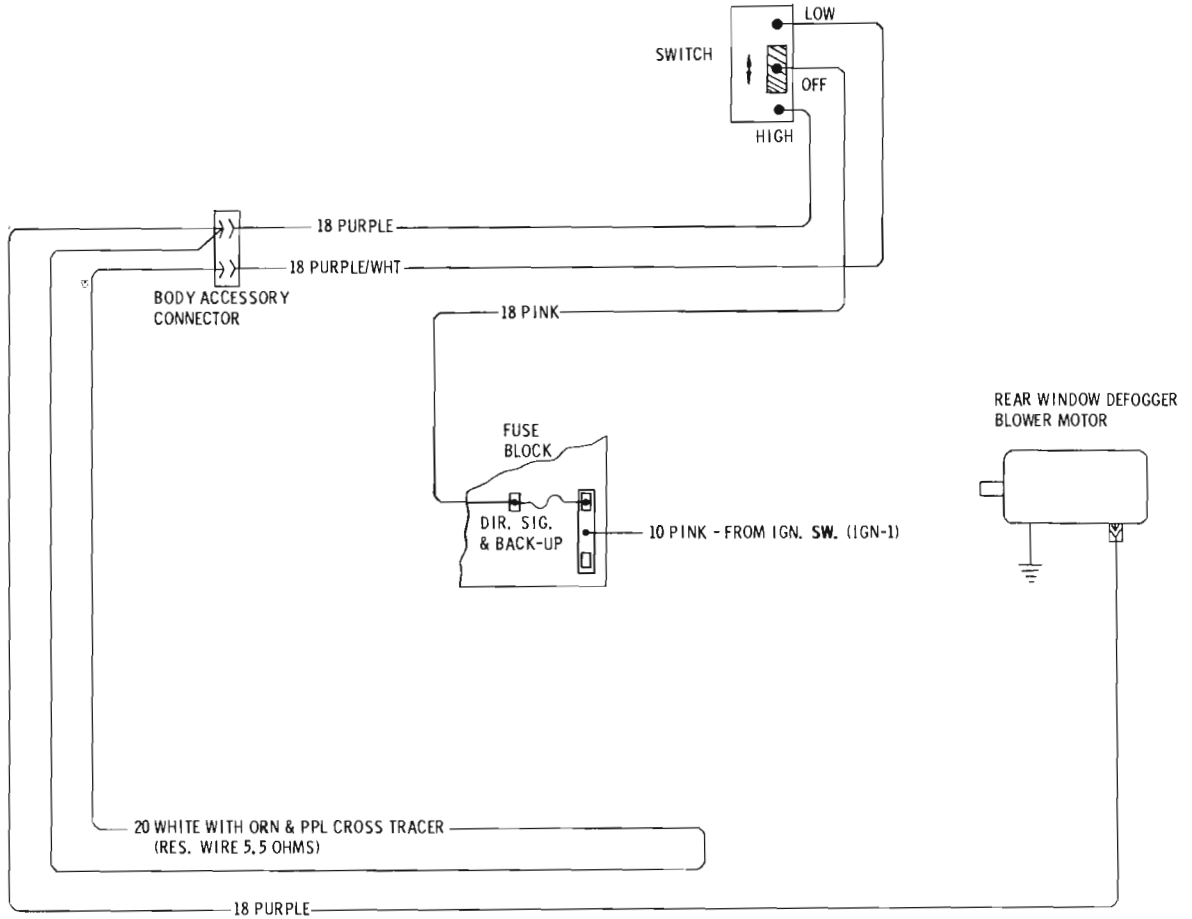


Figure 120-124 Rear Window Defogger (Blower) - All Series

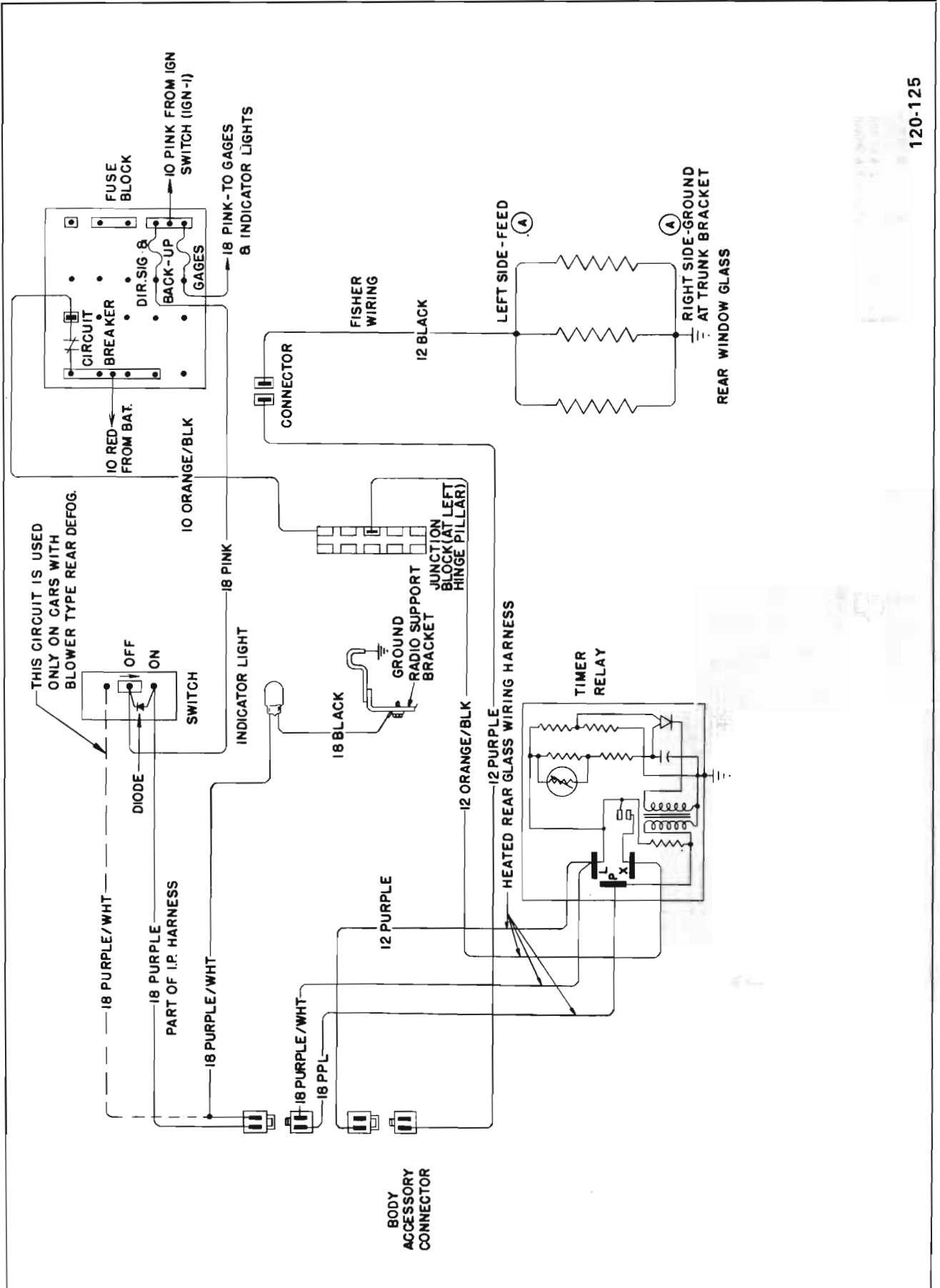
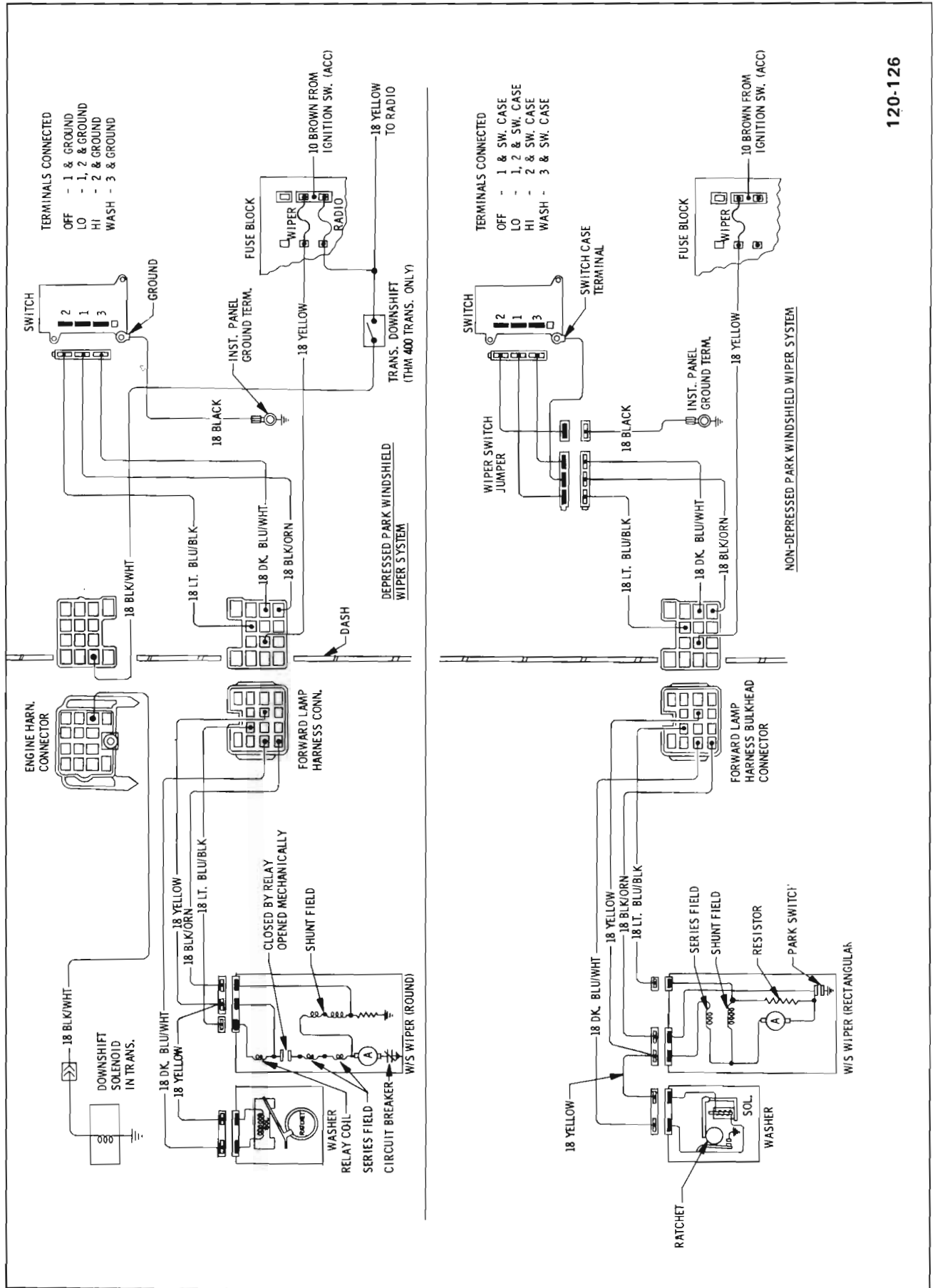
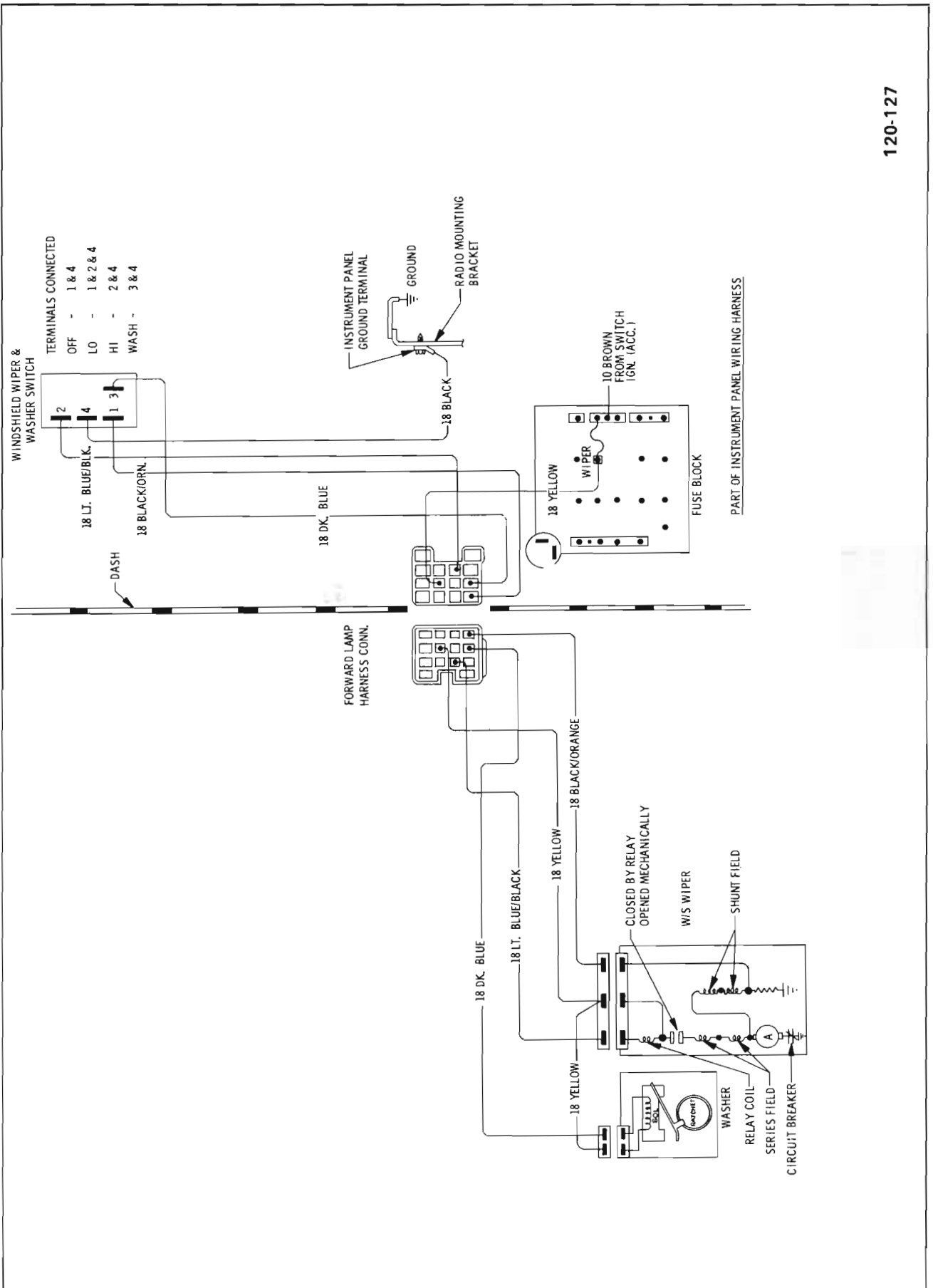


Figure 120-125 Heated Glass Defogger - 45-46-48000 Series



120-126

Figure 120-126 Wiper and Transmission Downshift Wiring Diagram - 43-44000 Series



120-127

Figure 120-127 Wiper Wiring Diagram - 45-46-48-49000 Series

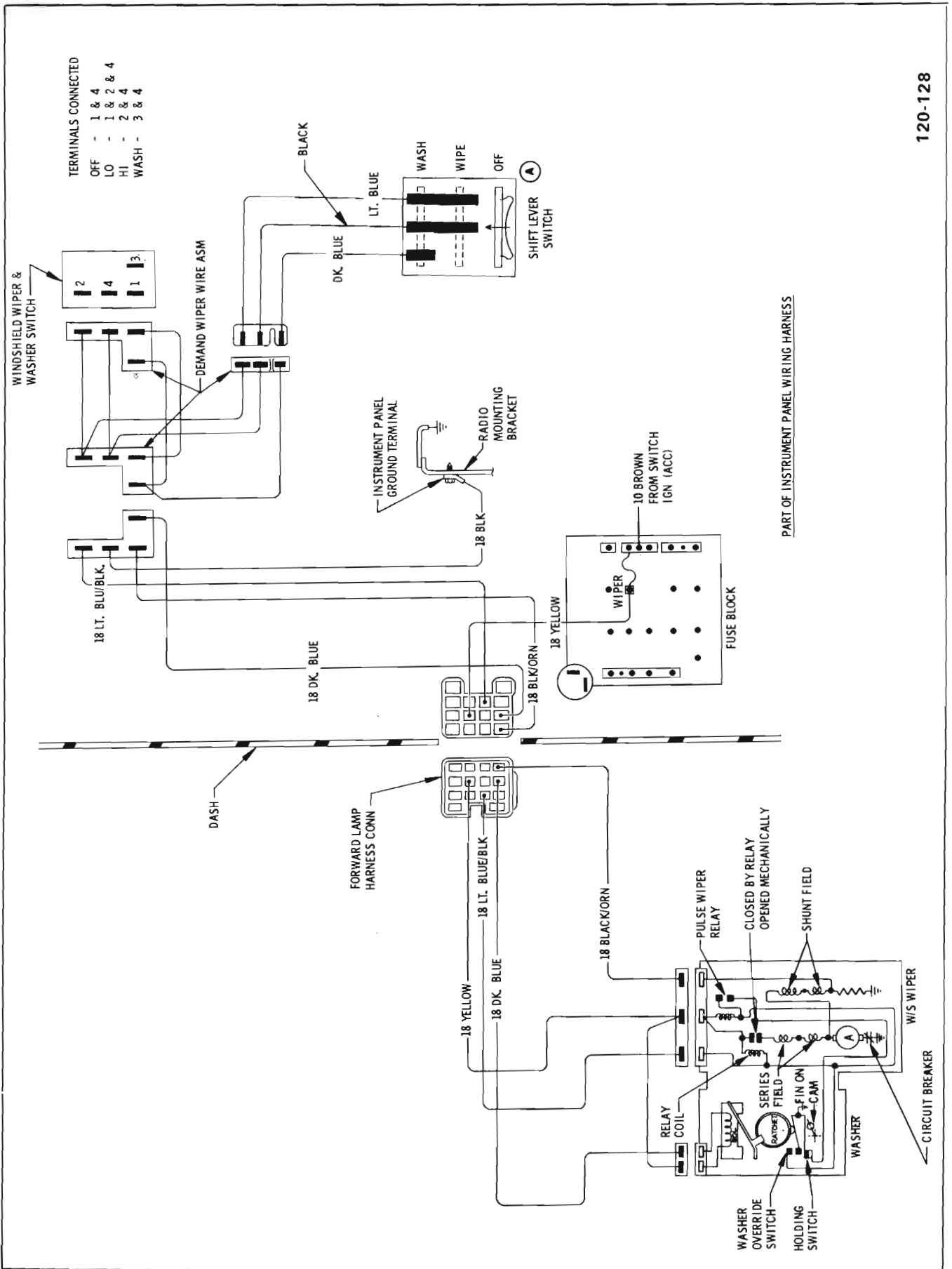
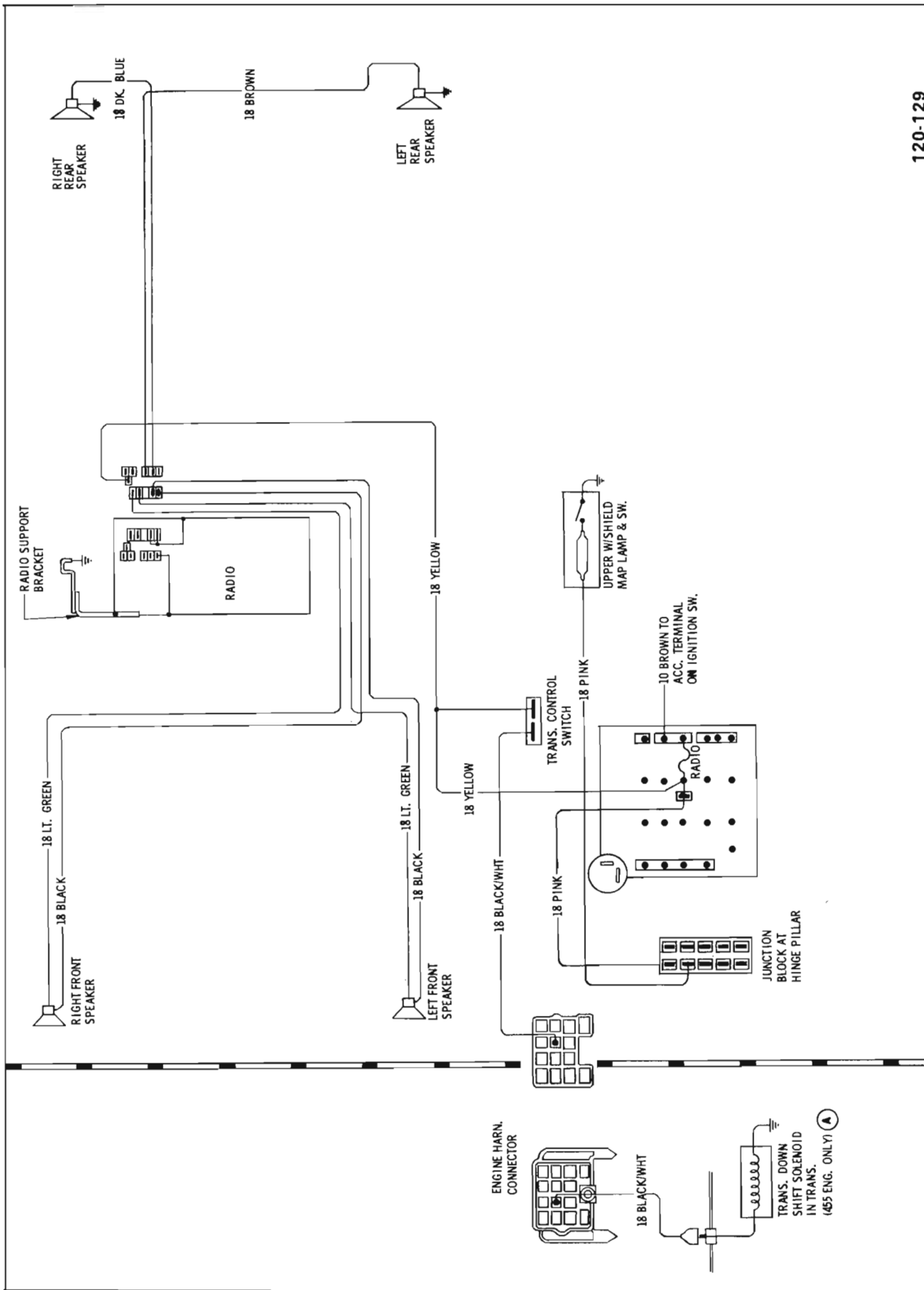
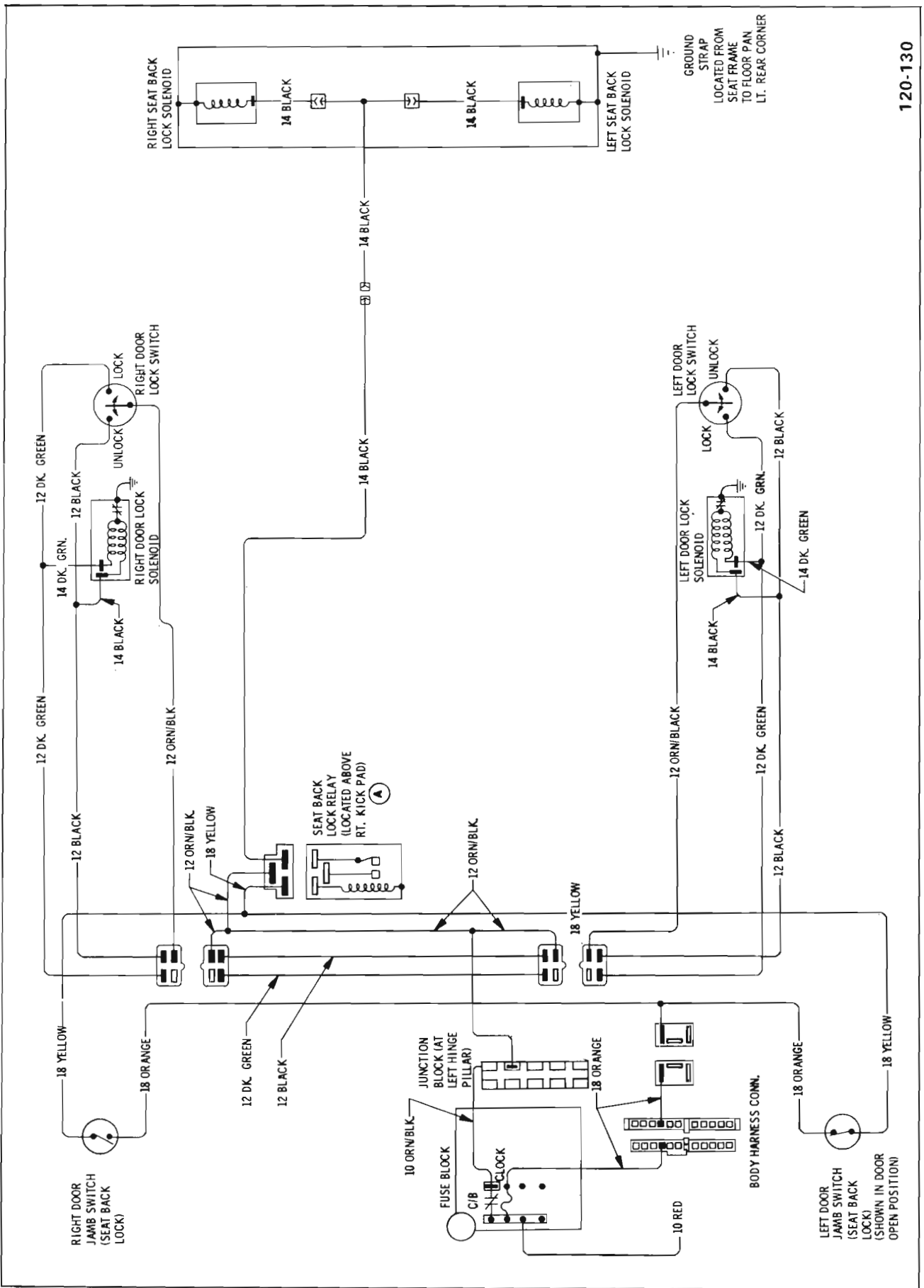


Figure 120-128 Demand Wiper Wiring Diagram - 45-46-48-49000 Series



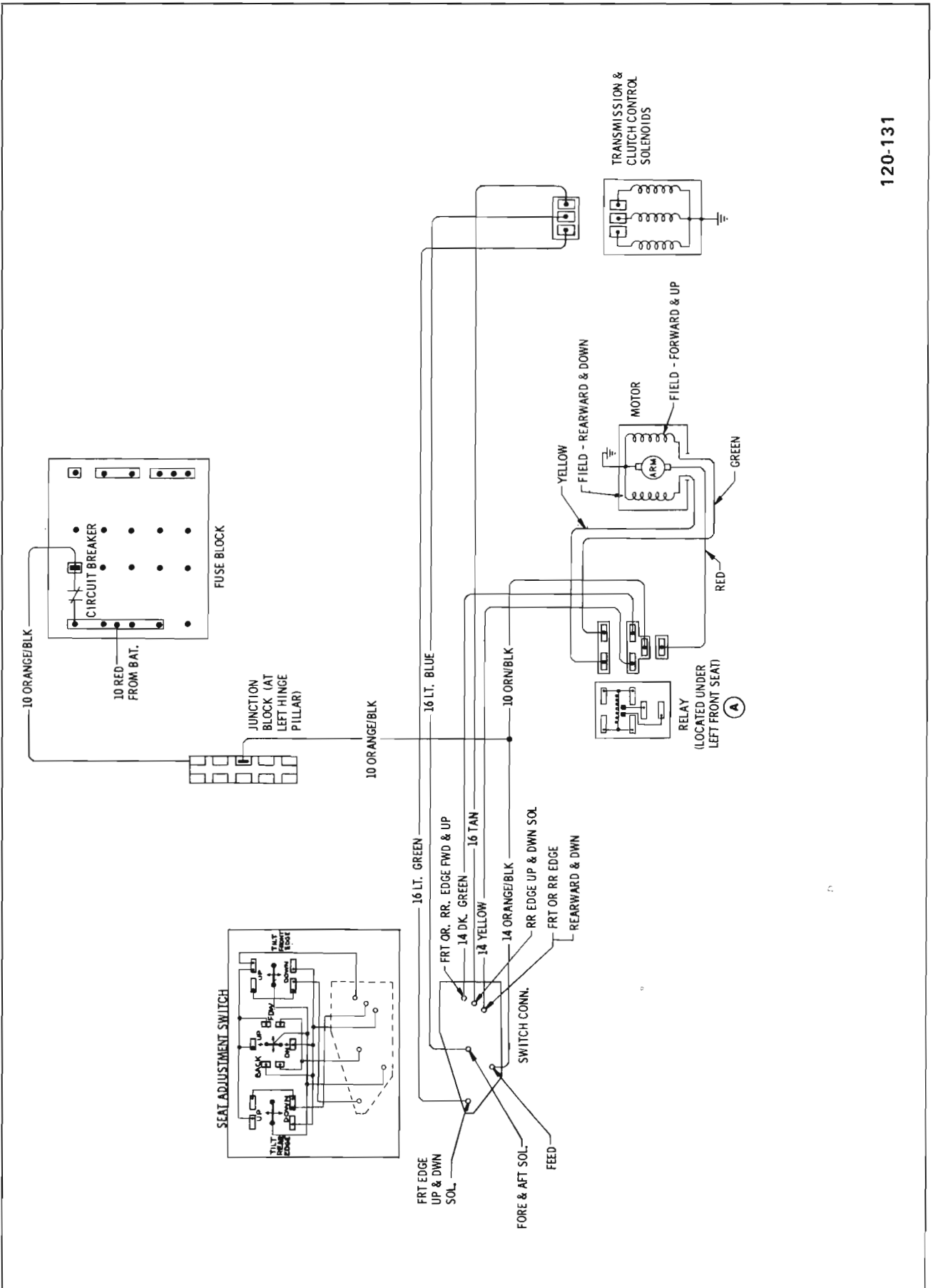
120-129

Figure 120-129 Stereo Radio, Transmission Downshift, and Map Light - 45-46-48-49000 Series



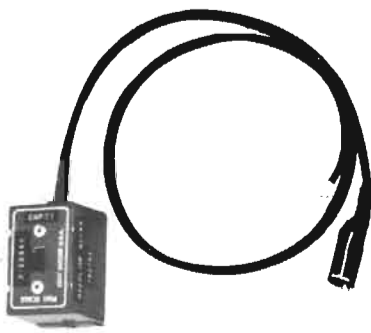
120-130

Figure 120-130 Door and Seat Back Lock (Fisher Wiring) - 45-46-48-49000 Series



120-131

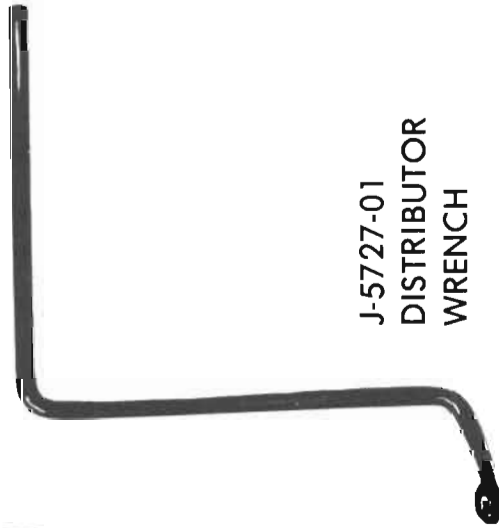
Figure 120-131 Six-Way Power Seat - 45-46-48-49000 Series



**J-22344
 GAS GAUGE
 TESTER**



**J-21008
 DIODE
 TEST
 LIGHT 120-135**



**J-5727-01
 DISTRIBUTOR
 WRENCH**



**J-21053
 DELCOTRON
 JUMPER**



**J-6788-01
 DISTRIBUTOR
 ADJUSTING
 TOOL**



**J-7316
 BELT
 TENSION
 GAUGE**



**J-9717-2
 DIODE
 SUPPORT**



**J-9717-1
 DIODE
 REMOVER**



**J-9600-2
 DIODE
 INSTALLER**



**J-8563
 WRENCH**



**J-8562
 IGNITION
 SWITCH
 WRENCH**



**J-21233
 LIGHT
 SWITCH
 WRENCH**

Figure 120-135 Electrical System Special Tools - All Series