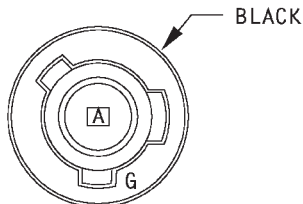


RIGHT BACK-UP LAMP

C402

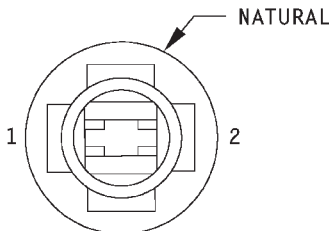
CAV	CIRCUIT	FUNCTION
A	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
G	Z1 18BK	GROUND



RIGHT REAR TURN
SIGNAL LAMP

C403

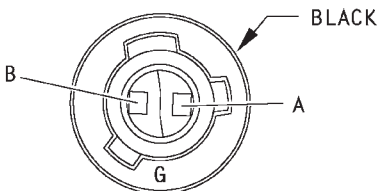
CAV	CIRCUIT	FUNCTION
A	L60 18TN	TURN SIGNAL SWITCH OUTPUT
G	Z1 18BK	GROUND



LEFT REAR SIDE MARKER LAMP

C405

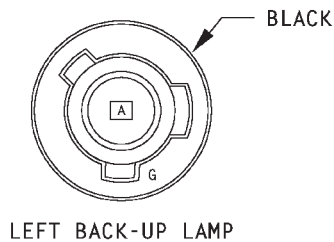
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L22 18LB	PARK LAMP SWITCH OUTPUT



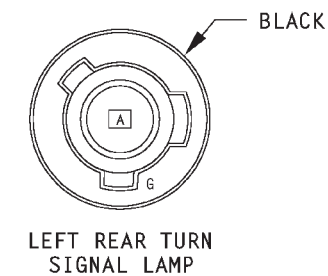
LEFT TAIL/STOP LAMP

C406

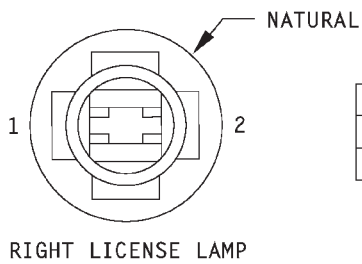
CAV	CIRCUIT	FUNCTION
A	L73 18PK/WT	STOP LAMP SWITCH OUTPUT
B	L22 18LB	PARK LAMP SWITCH OUTPUT
G	Z1 18BK	GROUND



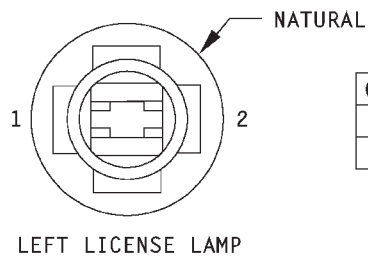
C407		
CAV	CIRCUIT	FUNCTION
A	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
G	Z1 18BK	GROUND



C408		
CAV	CIRCUIT	FUNCTION
A	L60 18TN	TURN SIGNAL SWITCH OUTPUT
G	Z1 18BK	GROUND



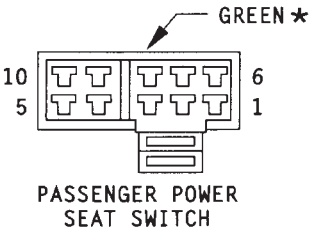
C409		
CAV	CIRCUIT	FUNCTION
1	L90 20DB/RD	PARK LAMP RELAY OUTPUT
2	Z1 20BK	GROUND



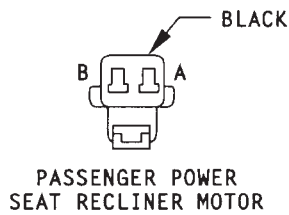
C410		
CAV	CIRCUIT	FUNCTION
1	L90 20DB/RD	PARK LAMP RELAY OUTPUT
2	Z1 20BK	GROUND

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C412

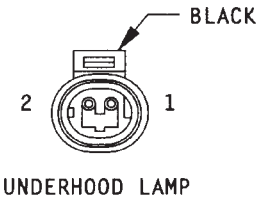


CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	P44 16GY/LB	RECLINER UP DRIVER
3	P16 16RD/LB	HORIZONTAL REARWARD SWITCH SENSE
4	P42 16GY/WT	RECLINER DOWN DRIVER
5	F35 16RD	FUSED B(+)
6	P14 16YL/LB	HORIZONTAL FORWARD SWITCH SENSE
7	P20 16RD/LG	FRONT RISER DOWN SWITCH SENSE
8	P12 16RD/WT	REAR RISER DOWN SWITCH SENSE
9	P10 16YL/WT	REAR RISER UP SWITCH SENSE
10	P18 16YL/LG	FRONT RISER UP SWITCH SENSE



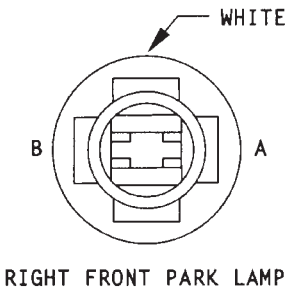
C413

CAV	CIRCUIT	FUNCTION
A	P42 16GY/WT	RECLINER DOWN DRIVER
B	P44 16GY/LB	RECLINER UP DRIVER



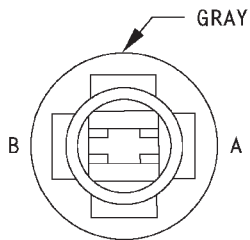
C417

CAV	CIRCUIT	FUNCTION
1	M1 18PK	FUSED B(+)
2	Z1 18BK	GROUND



C424

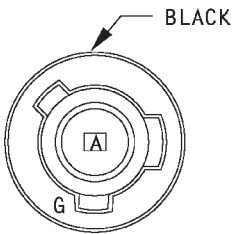
CAV	CIRCUIT	FUNCTION
A	L90 18DB/RD	PARK LAMP RELAY OUTPUT
B	Z1 18BK	GROUND



RIGHT FRONT SIDE MARKER LAMP

C425

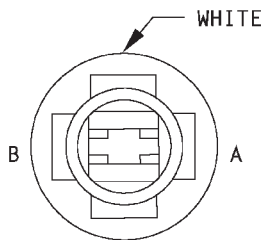
CAV	CIRCUIT	FUNCTION
A	L90 18DB/RD	PARK LAMP RELAY OUTPUT
B	L64 18TN/DB	TURN SIGNAL SWITCH OUTPUT



RIGHT FRONT TURN
SIGNAL LAMP

C426

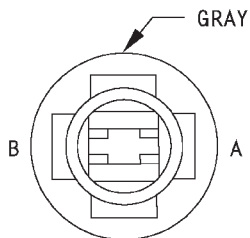
CAV	CIRCUIT	FUNCTION
A	L64 18TN/DB	TURN SIGNAL SWITCH OUTPUT
G	Z1 18BK	GROUND



LEFT FRONT PARK LAMP

C427

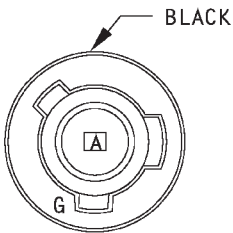
CAV	CIRCUIT	FUNCTION
A	L90 18DB/RD	PARK LAMP RELAY OUTPUT
B	Z1 18BK	GROUND



LEFT FRONT SIDE MARKER LAMP

C428

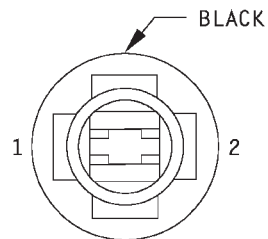
CAV	CIRCUIT	FUNCTION
A	L90 18DB/RD	PARK LAMP RELAY OUTPUT
B	L64 18TN/DB	TURN SIGNAL SWITCH OUTPUT



LEFT FRONT TURN
SIGNAL LAMP

C429

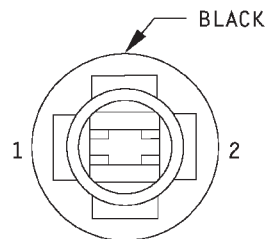
CAV	CIRCUIT	FUNCTION
A	L64 18TN/DB	TURN SIGNAL SWITCH OUTPUT
G	Z1 18BK	GROUND



CENTER HIGH MOUNTED STOP LAMP
BULB NO. 1

C431

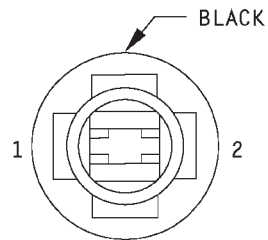
CAV	CIRCUIT	FUNCTION
1	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
2	Z1 20BK	GROUND
	Z1 20BK	GROUND



CENTER HIGH MOUNTED STOP LAMP
BULB NO. 3

C432

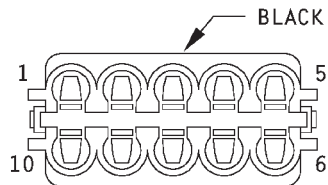
CAV	CIRCUIT	FUNCTION
1	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
2	Z1 20BK	GROUND
	Z1 20BK	GROUND



CENTER HIGH MOUNTED STOP LAMP
BULB NO. 2

C433

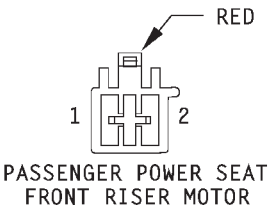
CAV	CIRCUIT	FUNCTION
1	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
2	Z1 20BK	GROUND



SUNROOF CONTROL
MODULE

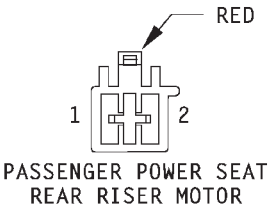
C434

CAV	CIRCUIT	FUNCTION
1	18WT	SLIDING ROOF POSITION SWITCH OUTPUT
2	18GN	SLIDING ROOF POSITION SWITCH OUTPUT
3	18BR	SLIDING ROOF POSITION SWITCH OUTPUT
4	18BK	SLIDING ROOF MOTOR DRIVER
5	18GN	SLIDING ROOF MOTOR DRIVER
6	-	-
7	Z1 16BK	GROUND
8	F86 16LG/BK	FUSED IGNITION SWITCH OUTPUT (ACC/RUN)
9	Q42 16LB	SUNROOF SWITCH OUTPUT (CLOSE)
10	Q41 16WT	SUNROOF SWITCH OUTPUT (OPEN)



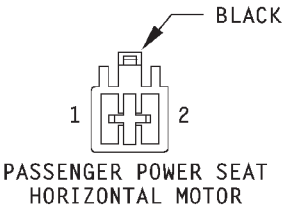
C435

CAV	CIRCUIT	FUNCTION
1	P20 16RD/LG	FRONT RISER DOWN SWITCH SENSE
2	P18 16YL/LG	FRONT RISER UP SWITCH SENSE



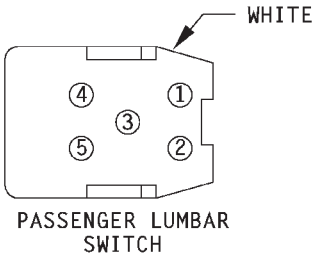
C436

CAV	CIRCUIT	FUNCTION
1	P12 16RD/WT	REAR RISER DOWN SWITCH SENSE
2	P10 16YL/WT	REAR RISER UP SWITCH SENSE



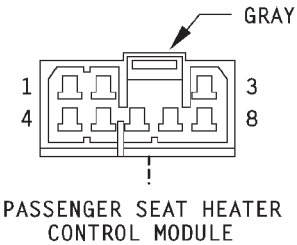
C437

CAV	CIRCUIT	FUNCTION
1	P14 16YL/LB	HORIZONTAL FORWARD SWITCH SENSE
2	P16 16RD/LB	HORIZONTAL REARWARD SWITCH SENSE



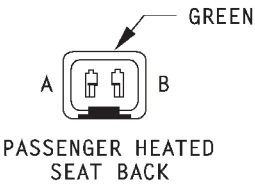
C438

CAV	CIRCUIT	FUNCTION
1	P107 18OR/BK	LUMBAR REARWARD DRIVER
2	Z1 18BK	GROUND
3	F35 18RD	FUSE B(+)
4	Z1 18BK	GROUND
5	P106 18DG/WT	LUMBAR FORWARD DRIVER



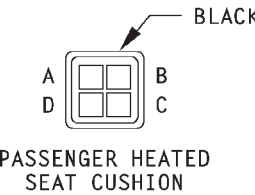
C439

CAV	CIRCUIT	FUNCTION
1	F87 18WT/BK	FUSED IGNITION SWITCH OUTPUT
2	F35 16RD	FUSED B(+)
3	P87 16BK/OR	HEATED SEAT DRIVER
4	—	—
5	—	—
6	—	—
7	Z1 18BK	GROUND
8	P8 18LB/WT	PASSENGER HEATED SEAT SWITCH OUTPUT



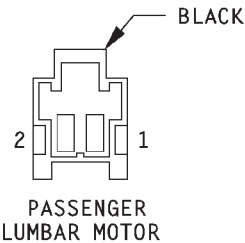
C440

CAV	CIRCUIT	FUNCTION
A	Z1 16BK	GROUND
B	P88 16BR/BK	HEATED SEAT DRIVER



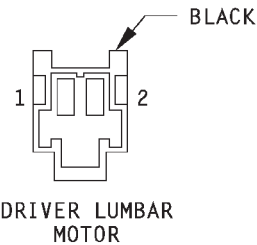
C441

CAV	CIRCUIT	FUNCTION
A	P87 16BK/OR	HEATED SEAT DRIVER
B	P88 16BR/BK	HEATED SEAT DRIVER
C	P8 18LB/WT	PASSENGER HEATED SEAT SWITCH OUTPUT
D	Z1 20BK	GROUND



C442

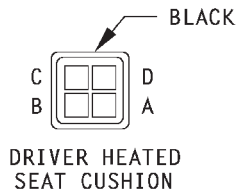
CAV	CIRCUIT	FUNCTION
1	P106 18DG/WT	LUMBAR FORWARD DRIVER
2	P107 18OR/BK	LUMBAR REARWARD DRIVER



C443

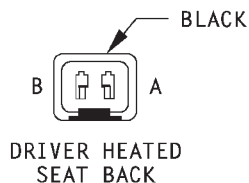
CAV	CIRCUIT	FUNCTION
1	P106 18DG/WT	LUMBAR FORWARD DRIVER
2	P107 18OR/BK	LUMBAR REARWARD DRIVER

C444



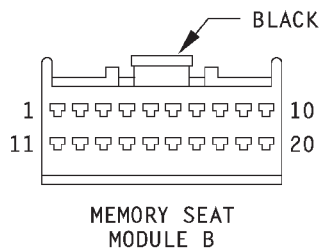
CAV	CIRCUIT	FUNCTION
A	P87 16BK/OR	HEATED SEAT DRIVER
B	P88 16BR/BK	HEATED SEAT DRIVER
C	P7 18LB/BK	DRIVER HEATED SEAT SWITCH OUTPUT
D	Z1 20BK	GROUND

C445



CAV	CIRCUIT	FUNCTION
A	Z1 16BK	GROUND
B	P88 16BR/BK	HEATED SEAT DRIVER

C446

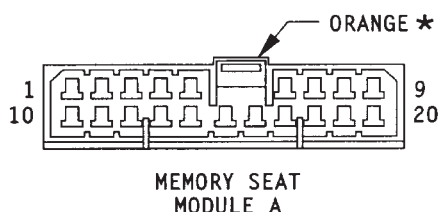


CAV	CIRCUIT	FUNCTION
1	P29 20BR/WT	6 VOLT SENSOR SUPPLY
2	P28 20BR/RD	SENSOR GROUND
3	P25 20VT/RD	HORIZONTAL POSITION SENSE
4	P26 20BR	FRONT RISER POSITION SENSE
5	P27 20LB/RD	REAR RISER POSITION SENSE
6	P47 20LB	RECLINER POSITION SENSE
7	P103 20DB/WT	LUMBAR POSITION SENSE
8	P21 18RD/LG	FRONT RISER DOWN SWITCH SENSE
9	P19 18YL/LG	FRONT RISER UP SWITCH SENSE
10	P13 18RD/WT	REAR RISER DOWN SWITCH SENSE
11	P11 18YL/WT	REAR RISER UP SWITCH SENSE
12	P15 18YL/LB	HORIZONTAL FORWARD SWITCH SENSE
13	P17 18RD/LB	HORIZONTAL REARWARD SWITCH SENSE
14	P40 18GY/LB	RECLINER UP SWITCH SENSE
15	P48 18GY/WT	RECLINER DOWN SWITCH SENSE
16	P105 20LG/DB	LUMBAR FORWARD SWITCH SENSE
17	P104 20YL/RD	LUMBAR REARWARD SWITCH SENSE
18	D1 20VT/BR	CCD BUS (+)
19	D2 20WT/BK	CCD BUS (-)
20	-	-

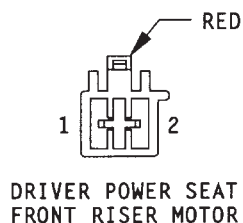
1996 Grand Cherokee
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 TSB 26-02-96 February, 1996

C447

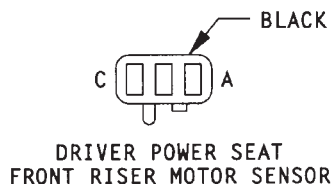
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	P115 16GY/LG	HORIZONTAL FORWARD DRIVER
3	P117 16RD/BR	HORIZONTAL REARWARD DRIVER
4	—	—
5	—	—
6	P43 16GY/LB	RECLINER REARWARD DRIVER
7	P41 16GY/WT	RECLINER FORWARD DRIVER
8	Z1 16BK	GROUND
9	P106 16DG/WT	LUMBAR REARWARD DRIVER
10	F35 16RD	FUSED B(+)
11	P113 16RD/BK	REAR RISER DOWN DRIVER
12	P111 16YL/DB	REAR RISER UP DRIVER
13	—	—
14	—	—
15	—	—
16	—	—
17	P121 16RD/GY	FRONT RISER DOWN DRIVER
18	P119 16YL/RD	FRONT RISER UP DRIVER
19	F35 16RD	FUSED B(+)
20	P107 16OR/BK	LUMBAR FORWARD DRIVER

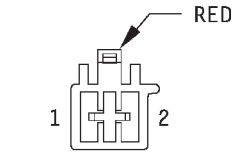
**C448**

CAV	CIRCUIT	FUNCTION
1	P121 16RD/GY*	FRONT RISER DOWN DRIVER
	P21 16RD/LG	FRONT RISER DOWN SWITCH SENSE
2	P119 16YL/RD*	FRONT RISER UP DRIVER
	P19 16YL/LG	FRONT RISER UP SWITCH SENSE

**C449**

CAV	CIRCUIT	FUNCTION
A	28 20BR/RD	SENSOR GROUND
B	P26 20BR	FRONT RISER POSITION SENSE
C	29 20BR/WT	6 VOLT SENSOR SUPPLY

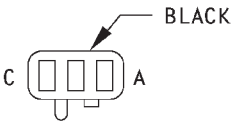




DRIVER POWER SEAT
REAR RISER MOTOR

C450

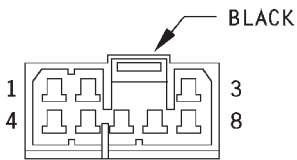
CAV	CIRCUIT	FUNCTION
1	P113 16RD/BK*	REAR RISER DOWN DRIVER
	P13 16RD/WT	REAR RISER DOWN SWITCH SENSE
2	P111 16YL/DB*	REAR RISER UP DRIVER
	P11 16YL/WT	REAR RISER UP SWITCH SENSE



DRIVER POWER SEAT
REAR RISER MOTOR SENSOR

C451

CAV	CIRCUIT	FUNCTION
A	28 20BR/RD	SENSOR GROUND
B	P27 20LB/RD	REAR RISER POSITION SENSE
C	29 20BR/WT	6 VOLT SENSOR SUPPLY

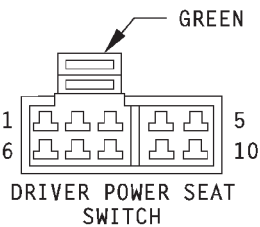


DRIVER SEAT HEATER
CONTROL MODULE

C452

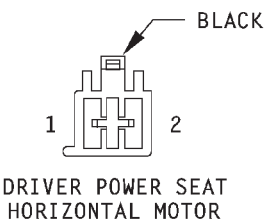
CAV	CIRCUIT	FUNCTION
1	F87 18PK/DG	FUSED IGNITION SWITCH OUTPUT
2	F35 16RD	FUSED B(+)
3	P87 16BK/OR	HEATED SEAT DRIVER
4	—	—
5	—	—
6	—	—
7	Z1 16BK	GROUND
8	P7 18LB/BK	DRIVER HEATED SEAT SWITCH OUTPUT

* WITH MEMORY SEATS



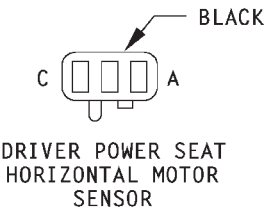
C453

CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	P40 18GY/LB*	RECLINER UP SWITCH SENSE
2	P43 16GY/LB	RECLINER UP DRIVER
3	P17 18RD/LB*	HORIZONTAL REARWARD SWITCH SENSE
3	P17 16RD/LB	HORIZONTAL REARWARD SWITCH SENSE
4	P48 18GY/WT*	RECLINER DOWN SWITCH SENSE
4	P41 16GY/WT	RECLINER DOWN DRIVER
5	F35 16RD	FUSED B(+)
6	P15 18YL/LB*	HORIZONTAL FORWARD SWITCH SENSE
6	P15 16YL/LB	HORIZONTAL FORWARD SWITCH SENSE
7	P19 18YL/LG*	FRONT RISER UP SWITCH SENSE
7	P19 16YL/LG	FRONT RISER UP SWITCH SENSE
8	P11 18YL/WT*	REAR RISER UP SWITCH SENSE
8	P11 16YL/WT	REAR RISER UP SWITCH SENSE
9	P13 18RD/WT*	REAR RISER DOWN SWITCH SENSE
9	P13 16RD/WT	REAR RISER DOWN SWITCH SENSE
10	P21 18RD/LG*	FRONT RISER DOWN SWITCH SENSE
10	P21 16RD/LG	FRONT RISER DOWN SWITCH SENSE



C454

CAV	CIRCUIT	FUNCTION
1	P115 16GY/LG*	HORIZONTAL FORWARD DRIVER
1	P15 16YL/LB	HORIZONTAL FORWARD SWITCH SENSE
2	P117 16RD/BR*	HORIZONTAL REARWARD DRIVER
2	P17 16RD/LB	HORIZONTAL REARWARD SWITCH SENSE

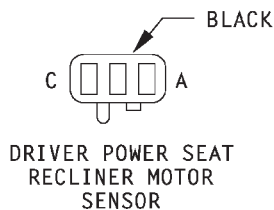


C455

CAV	CIRCUIT	FUNCTION
A	P29 20BR/WT	6 VOLT SENSOR SUPPLY
B	P25 20VT/RD	HORIZONTAL POSITION SENSE
C	P28 20BR/RD	SENSOR GROUND

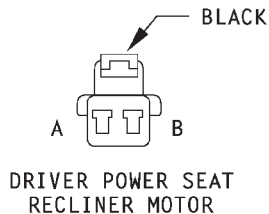
* WITH MEMORY SEATS

C456



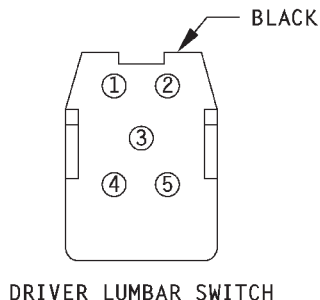
CAV	CIRCUIT	FUNCTION
A	P29 20BR/WT	6 VOLT SENSOR SUPPLY
B	P47 20LB	HORIZONTAL POSITION SENSE
C	P28 20BR/RD	SENSOR GROUND

C457



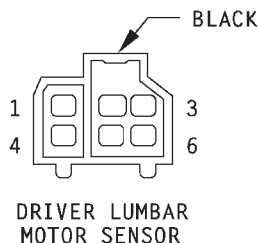
CAV	CIRCUIT	FUNCTION
A	P41 16GY/WT*	RECLINER FORWARD DRIVER
A	P41 16GY/WT	RECLINER DOWN DRIVER
B	P43 16GY/LB*	RECLINER REARWARD DRIVER
B	P43 16GY/LB	RECLINER DOWN DRIVER

C458



CAV	CIRCUIT	FUNCTION
1	P104 20YL/RD*	LUMBAR REARWARD SWITCH SENSE
1	P107 18OR/BK	LUMBAR REARWARD DRIVER
2	Z1 18BK	GROUND
3	F35 18RD	FUSED B(+)
4	Z1 18BK	GROUND
5	P105 20LG/DB*	LUMBAR FORWARD SWITCH SENSE
5	P106 18DG/WT	LUMBAR FORWARD DRIVER

C459



CAV	CIRCUIT	FUNCTION
1	P106 16DG/WT	LUMBAR REARWARD DRIVER
2	P107 16OR/BK	LUMBAR FORWARD DRIVER
3	P28 20BR/RD	SENSOR GROUND
4	P103 20DB/WT	LUMBAR POSITION SENSE
5	P29 20BR/WT	6 VOLT SENSOR SUPPLY

* WITH MEMORY SEATS

8W-90 CONNECTOR LOCATIONS

DESCRIPTION AND OPERATION

INTRODUCTION

This section provides illustrations identifying component and connector locations in the vehicle. A connector index is provided. Use the wiring diagrams in each section for connector number identification. Refer to the index for the proper figure number.

SCHEMATICS AND DIAGRAMS

CONNECTOR/GROUND LOCATIONS

For items that are not shown in this section a N/S is placed in the Fig. column.

Conn #	Color	Location	Fig.
C100	BK	Rear of Right Fog Lamp	1
C101	BK	On Power Steering Pump	3, 5
C102	BK	Rear of Left Fog Lamp	1
C103	BK	Rear of Left Headlamp	1, 5
C104	GY	Lower Left of Instrument Panel	13
C105	BK	Front of Left Fender Side Shield	3
C106	BK	Left Fender Side Shield, Near Brake Master Cylinder	3
C107	BK	Left Fender Side Shield, Near Brake Master Cylinder	3
C108	BK	Left Fender Side Shield, Near Brake Master Cylinder	3
C109	BK	Left Rear Corner of Engine Compartment	3
C110	BK	Bottom of Windshield Washer Fluid Reservoir	4
C111	BK	Bottom of Windshield Washer Fluid Reservoir	4
C112	BK	Center of Cowl	4
C113	BK	Bottom of Windshield Washer Fluid Reservoir	4
C114	BK	Below Battery Tray	4
C115	BK	Right Fender Side Shield, Below PDC	2
C116	BK	Lower Left of Instrument Panel	13
C119	GY	Left Side of Oil Pan (4.0L Engine)	5

Conn #	Color	Location	Fig.
C119	GY	Right Front of Transmission	10
C120	BK	On Thermostat Housing	5
C121	GY	Injector No. 1	5, 9
C122	GY	Injector No. 2	5, 8
C123	GY	Injector No. 3	5, 9
C124	GY	Injector No. 4	5, 8
C125	BK	On Throttle Body	5, 9
C126	BK	On Throttle Body	5, 9
C127	GY	On Intake Manifold	5, 8
C128	BK	On Throttle Body	5
C129	GY	Injector No. 5	5, 9
C130	GY	Injector No. 6	5, 8
C131	BK	Right Rear Corner of Engine Compartment, Near PCM	2
C132	GY	Right Rear Corner of Engine Compartment, Near PCM	2
C133	BK	Left Fog Lamp	1
C134	BK	Rear of Transfer Case	7, 10
C135	BK	Above Rear of Catalytic Converter	7, 10
C136	BK	Left Front of Transfer Case	7, 10
C137	BK	Right Rear of Engine (4.0L Engine)	5
C137	BK	Rear of Engine (5.2L Engine)	9
C138	BK	Near Distributor	5, 9
C139	BK	Near Distributor	5, 9

SCHEMATICS AND DIAGRAMS (Continued)

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Conn #	Color	Location	Fig.
C140	BK	Right Rear Corner of Engine Compartment, At PCM	2
C141	WT	Right Rear Corner of Engine Compartment, At PCM	2
C142	GY	Right Rear Corner of Engine Compartment, At PCM	2
C143	GN	Top Left Corner of Dash Panel, Behind Instrument Panel	13
C144	BK	Below PDC	6
C145	BK	Right Front of Engine	5, 8
C146	BK	At Generator	6
C147	BK	At Starter Motor	6, 8
C148	BK	Lower Left Front of Engine Compartment	1
C149	BK	Right Fog Lamp	1
C150	BK	Rear of Right Fog Lamp	1
C151	BK	Lower Right Front of Engine Compartment	1
C152	BK	At Horn, Lower Right Front of Vehicle	1
C153	BK	At Horn, Lower Right Front of Vehicle	1
C154	BK	Right Fender Side Shield	2
C155	BK	Right Rear Corner of Engine Compartment	2
C156	BK	Right Fender Side Shield	2
C157	BK	Right Rear Corner of Engine Compartment	2
C158	BK	Right Rear Corner of Engine Compartment	2
C159	BK	Right Rear Corner of Engine Compartment	2, 22
C160	BK	Right Corner of Instrument Panel	12
C161	BK	Front of Left Fender Side Shield	3
C162	RD	Behind Right Kick Panel, At Junction Block	12

Conn #	Color	Location	Fig.
C163	GY	Behind Right Kick Panel, At Junction Block	12
C164	BL	Behind Right Kick Panel, At Junction Block	12
C169	BK	Left Side of Transmission	7, 10
C170	BK	Left Side of Transmission	7, 10
C171	BK	Left Side of Transmission	7, 10
C172	BK	Rear of Generator	8
C173	BK	Near A/C Compressor	6, 8
C175	GY	Injector No. 7	9
C176	GY	Injector No. 8	8
C179	BK	On Radiator Center Support	1
C181	BK	On Throttle Body	9
C200	NAT	Behind Right Kick Panel, At Junction Block	12
C201	RD	Behind Right Kick Panel, At Junction Block	12
C202	BK	Behind Right Kick Panel, At Junction Block	12
C203	BL	Behind Right Kick Panel, At Junction Block	12
C204	YL	Behind Right Kick Panel, At Junction Block	12
C205	BK	Right Courtesy Lamp	11
C206	BK	On Front of HVAC Unit	12
C207	GY	Behind Right Kick Panel, At Junction Block	12
C208	BK	At Glove Box Lamp	11
C209	BK	On HVAC Unit	N/S
C210	BK	Rear of Switch	N/S
C211	BK	Rear of Vehicle Information Center (VIC)	11
C212	RD	Center of Instrument Panel	11

SCHEMATICS AND DIAGRAMS (Continued)

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Conn #	Color	Location	Fig.
C213	GN	Behind Right Kick Panel, At Junction Block	12
C214	BK	Rear of Ash Receiver Lamp	11
C215	BK	On Bottom of HVAC Unit	N/S
C216	BK	Rear of Cigar Lighter	11
C217	BK	Behind Rear Wiper Switch	11
C218	BK	Rear of Overdrive Switch	11
C219	GY	Rear of Radio	11
C220	BK	Rear of Radio	11
C221	BK	Rear of Radio	11
C222	BK	Rear of Instrument Cluster	11
C223	BK	Rear of Headlamp Switch	11
C224	YL	Behind Passenger Airbag	11
C225	BK	On Steering Column	14
C226	GY	On Steering Column, Near Ignition Switch	14
C227	BK	Left Courtesy Lamp	11
C228	BK	On Steering Column	14
C230	NAT	On Steering Column	14
C231	WT	Right End Of Instrument Panel	N/S
C232	GY	Top of Brake Pedal Arm	13
C233	BK	Lower Left of Instrument Panel, In Connector Bracket	13
C234	OR	Lower Left of Instrument Panel, In Connector Bracket	13
C235	BK	Lower Left of Instrument Panel, In Connector Bracket	13
C236	WT	Lower Left of Instrument Panel, In Connector Bracket	13
C237	BK	Steering Column, On Shift Cable	N/S
C238	BK	Top Right of Instrument Panel	11
C239	BK	At Junction Block	N/S

Conn #	Color	Location	Fig.
C240	BK	Lower Left of Instrument Panel	13
C241	WT	Lower Left of Instrument Panel	13
C242	GY	Top of Instrument Panel, Between Steering Column and Center Floor Console	11
C243	BK	Rear of Left Instrument Panel Speaker	11
C244	BK	Rear of Power Outlet	11
C245	BK	Center, Top of Instrument Panel	11
C246	BL	Left Side of HVAC Housing	N/S
C247	RD	Above Glove Box	11
C248	BK	On Steering Column	N/S
C249	BK	Lower Left of Instrument Panel	11
C250	NAT	Right Side of HVAC	N/S
C251	BK	Right Side of HVAC	N/S
C252	BK	Left Side of HVAC	N/S
C253	YL	Top of HVAC	N/S
C254	BK	Right Side of HVAC	N/S
C256	BK	On HVAC	N/S
C300	YL	Lower Left of Instrument Panel	13
C301	NAT	Lower Left of Instrument Panel, In Connector Bracket	13
C302	BL/WT	Lower Left of Instrument Panel, In Connector Bracket	13
C303	YL	Lower Left of Instrument Panel	13, 14
C304	GY	Lower Left of Instrument Panel	N/S
C305	BK	Lower Left of Instrument Panel, In Connector Bracket	13
C306	BK	Near Bottom of Driver's Seat Belt Clasp	16
C307	BK	Lower Left of Instrument Panel, In Connector Bracket	13
C308	BK	Below Center Floor Console, Near Park Brake	16

SCHEMATICS AND DIAGRAMS (Continued)

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Conn #	Color	Location	Fig.
C309	GY	In Left Rear Door	19
C310	GY	Top Left Corner of Dash Panel, Behind Instrument Panel	13
C311	BK	Below Right Rear Passenger Seat	16
C312	YL	Below Center Floor Console, Near Park Brake	16
C313	RD	Below Right Rear Passenger Seat	16
C314	BK	Below Right Rear Passenger Seat	16
C315	BK	Near Fuel Tank	16
C316	BK	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	17
C317	NAT	Behind Right Kick Panel, At Junction Block	12
C318	BK	Behind Right Kick Panel, At Junction Block	12
C319	BK	Left Rear Quarter Panel	N/S
C320	GY	Right Rear Quarter Panel, Near Liftgate Opening	16
C321	BK	In Liftgate	21
C322	GN	In Liftgate	21
C323	GY	In Liftgate	21
C324	BK	In Liftgate	21
C325	GN	In Liftgate	21
C326	GY	In Liftgate	21
C327	BK	Rear of Cargo Lamp	17
C328	GY	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	17
C329	BK	Below Left Rear Passenger Seat	17
C330	GY	In Right Rear Door	19
C331	BK	Left Rear Quarter Panel	20
C332	WT	Below Right Rear Passenger Seat	16
C333	WT	Below Right Rear Passenger Seat	16
C334	BK	In Left Front Door	18

Conn #	Color	Location	Fig.
C335	BK	Rear of Right Front Seat	16
C336	BK	Top of Right A-Pillar	15
C337	BK	Behind Rear View Mirror	15
C338	BK	Top of Left A-Pillar	15
C339	RD	Center of Headliner, Above Rear View Mirror	15
C340	WT	In Left Front Door	18
C341	NAT	Behind Dome Lamp	15
C342	BK	In Right Front Door	18
C343	BK	In Left "B" Pillar	19
C344	BK	In Right Front Door	18
C345	BK	In Right "B" Pillar	19
C346	BK	In Left Front Door	18
C347	BK	In Right Front Door	18
C348	BK	In Right Front Door	18
C349	BK	Left Rear Quarter Panel	20
C350	BK	Left Rear Quarter Panel	20
C351	GY	In Right Front Door	18
C352	BK	In Left Front Door	18
C353	BK	In Left Front Door	18
C354	BK	In Left Front Door	18
C355	BK	Behind Right Kick Panel, At Junction Block	12
C356	BK	In Right Front Door	18
C357	BK	In Left Front Door	18
C358	BK	In Left Front Door	18
C359	BK	In Liftgate	21
C360	BK	In Liftgate	21
C361	NAT	In Liftgate	21
C362	BK	In Liftgate	21
C363	BK	In Liftgate	21
C364	BK	In Liftgate	21
C365	BK	In Liftgate	21
C366	BK	In Liftgate	21
C367	BK	In Liftgate	21
C368	BK	In Liftgate	21
C369	BK	On Trailer Hitch	20
C370	NAT	Center of Headliner, Above Rear View Mirror	15
C371	BK	Near Top of Right B-Pillar	15

SCHEMATICS AND DIAGRAMS (Continued)

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Conn #	Color	Location	Fig.
C372	BK	Left Rear Quarter Panel	20
C373	BK	Left Rear Quarter Panel	20
C374	BK	In Right Rear Door	19
C375	BK	In Right Rear Door	19
C376	BL	In Right Rear Door	19
C377	BK	In Right Rear Door	19
C378	BK	In Left Rear Door	19
C379	BK	In Left Rear Door	19
C380	BL	In Left Rear Door	19
C381	BK	In Left Rear Door	19
C382	WT	In Right Front Door	18
C383	BK	Lower Left of Instrument Panel	13
C384	BK	Left Rear Quarter Panel	20
C385	BK	Left Side of Center Floor Console	16
C386	BK	In Driver's Door	N/S
C387	BK	In Driver's Door	N/S
C388	BK	In Driver's Door	N/S
C400	NAT	At Lamp	N/S
C401	BK	At Lamp	N/S
C402	BK	At Lamp	N/S
C403	BK	At Lamp	N/S
C405	NAT	At Lamp	N/S
C406	BK	At Lamp	N/S
C407	BK	At Lamp	N/S
C408	BK	At Lamp	N/S
C409	NAT	In Liftgate, Behind License Plate Lamps	23
C410	NAT	In Liftgate, Behind License Plate Lamps	23
C412	GN	On Passenger's Front Seat	N/S
C413	BK	Under Passenger's Front Seat	N/S
C417	BK	On Underside of Hood	22
C424	WT	At Lamp	N/S
C425	GY	At Lamp	N/S
C426	BK	At Lamp	N/S
C427	WT	At Lamp	N/S
C428	GY	At Lamp	N/S
C429	BK	At Lamp	N/S
C431	BK	At Lamp	N/S
C432	BK	At Lamp	N/S

Conn #	Color	Location	Fig.
C433	BK	At Lamp	N/S
C434	BK	Rear of Sunroof	N/S
C435	RD	Under Passenger's Seat	N/S
C436	RD	Under Passenger's Seat	N/S
C437	BK	Under Passenger's Seat	N/S
C438	WT	Under Passenger's Seat	N/S
C439	GY	Under Passenger's Seat	N/S
C440	GN	Under Passenger's Seat	N/S
C441	BK	Under Passenger's Seat	N/S
C442	BK	Under Passenger's Seat	N/S
C443	BK	In Driver's Seat	N/S
C444	BK	Under Driver's Seat	N/S
C445	BK	Under Driver's Seat	N/S
C446	BK	At Driver's Seat	N/S
C447	OR	At Driver's Seat	N/S
C448	RD	Under Driver's Seat	N/S
C449	BK	Under Driver's Seat	N/S
C450	RD	Under Driver's Seat	N/S
C451	BK	Under Driver's Seat	N/S
C452	BK	Under Driver's Seat	N/S
C453	GN	Under Driver's Seat	N/S
C454	BK	Under Driver's Seat	N/S
C455	BK	In Driver's Seat	N/S
C456	BK	In Driver's Seat	N/S
C457	BK	Under Driver's Seat	N/S
C458	BK	In Driver's Seat	N/S
C459	BK	Under Driver's Seat	N/S
G100		Right Fender Side Shield	2
G101		Right Side of Engine Block (4.0L Engine)	6
G101		Below Generator (5.2L Engine)	8

SCHEMATICS AND DIAGRAMS (Continued)

Conn #	Color	Location	Fig.
G103		Right Side of Engine Block (4.0L Engine)	6
G103		Below Generator (5.2L Engine)	8
G104		Right Side of Engine Block (4.0L Engine)	8
G104		Below Generator (5.2L Engine)	8
G105		Right Rear of Engine (4.0L Engine)	5
G105		Below A/C Compressor (5.2L Engine)	9
G106		Right Fender Side Shield	2
G107		Right Fender Side Shield	2

Conn #	Color	Location	Fig.
G108		Front of Left Fender Side Shield	3
G109		Front of Left Fender Side Shield	3
G300		Right Rear Quarter Panel	16
G301		Rear of Passenger's Seat	16
G302		On Floor Pan, Rear of Driver's Seat	17
G303		On Floor Pan, Rear of Driver's Seat	17
G304		On Floor Pan, Rear of Driver's Seat	17
G305		On Floor Pan, Rear of Driver's Seat	17

SCHEMATICS AND DIAGRAMS (Continued)

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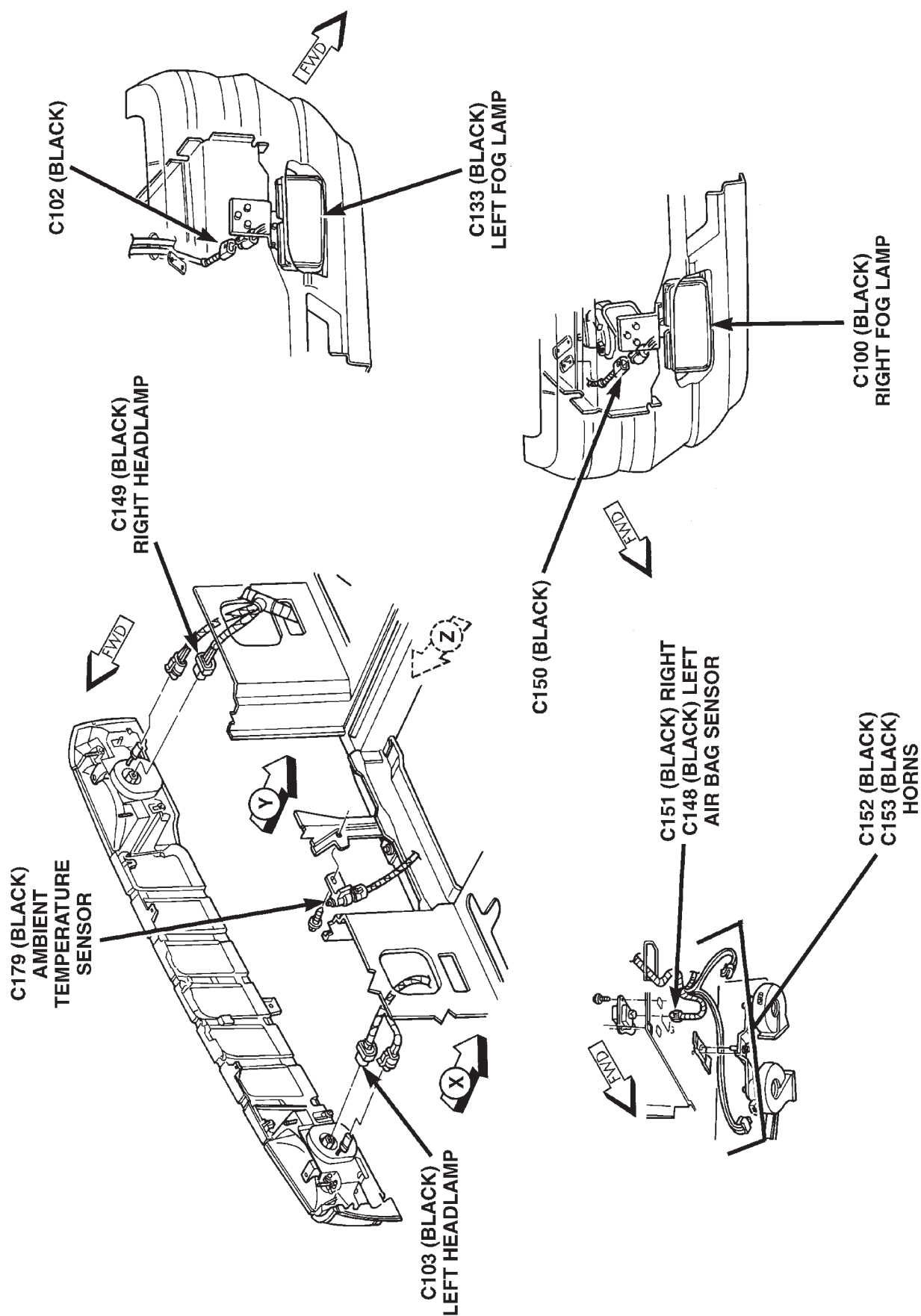


Fig. 1 Front End Lighting

SCHEMATICS AND DIAGRAMS (Continued)

805fe533

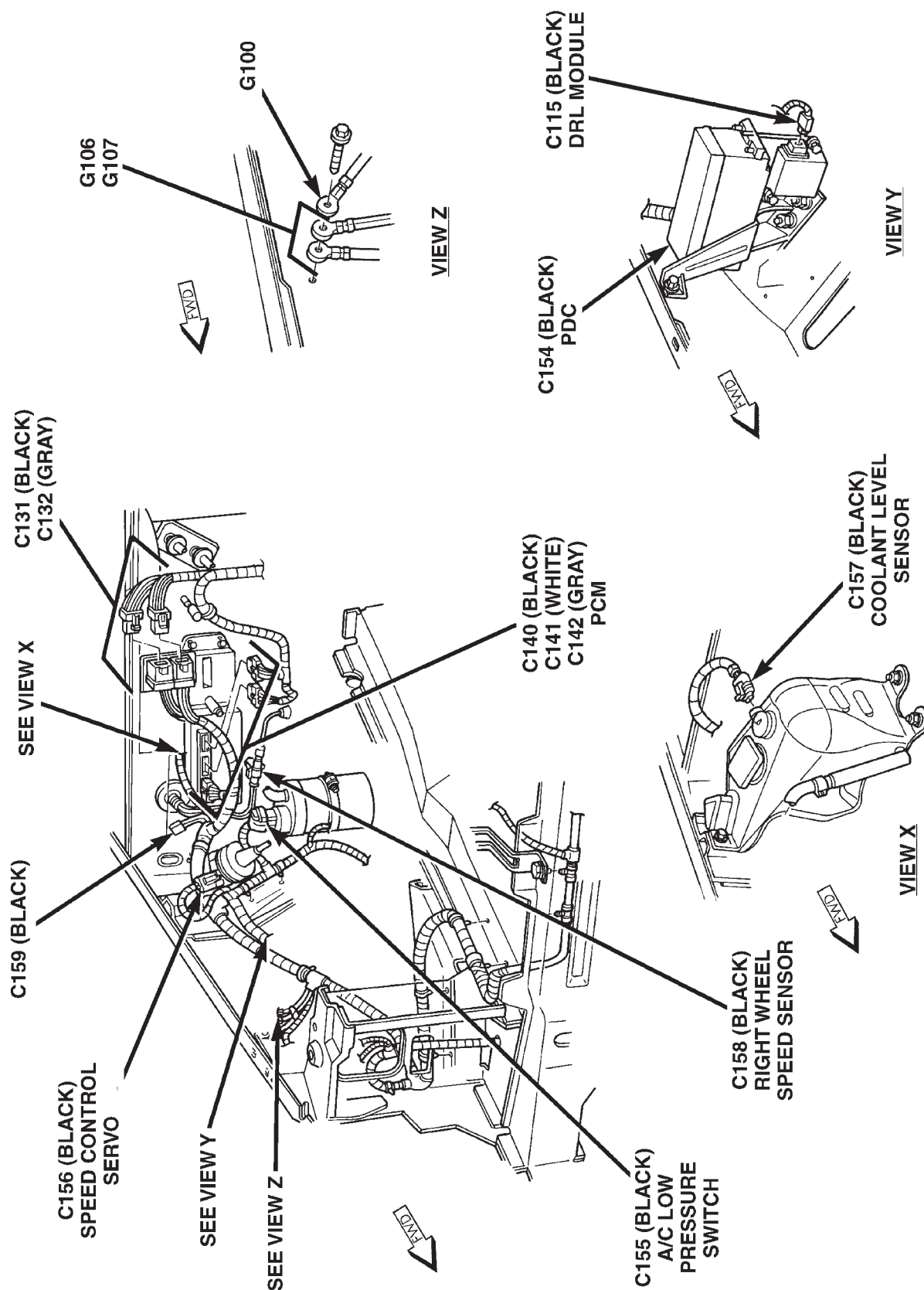


Fig. 2 Engine Compartment—Left Side

SCHEMATICS AND DIAGRAMS (Continued)

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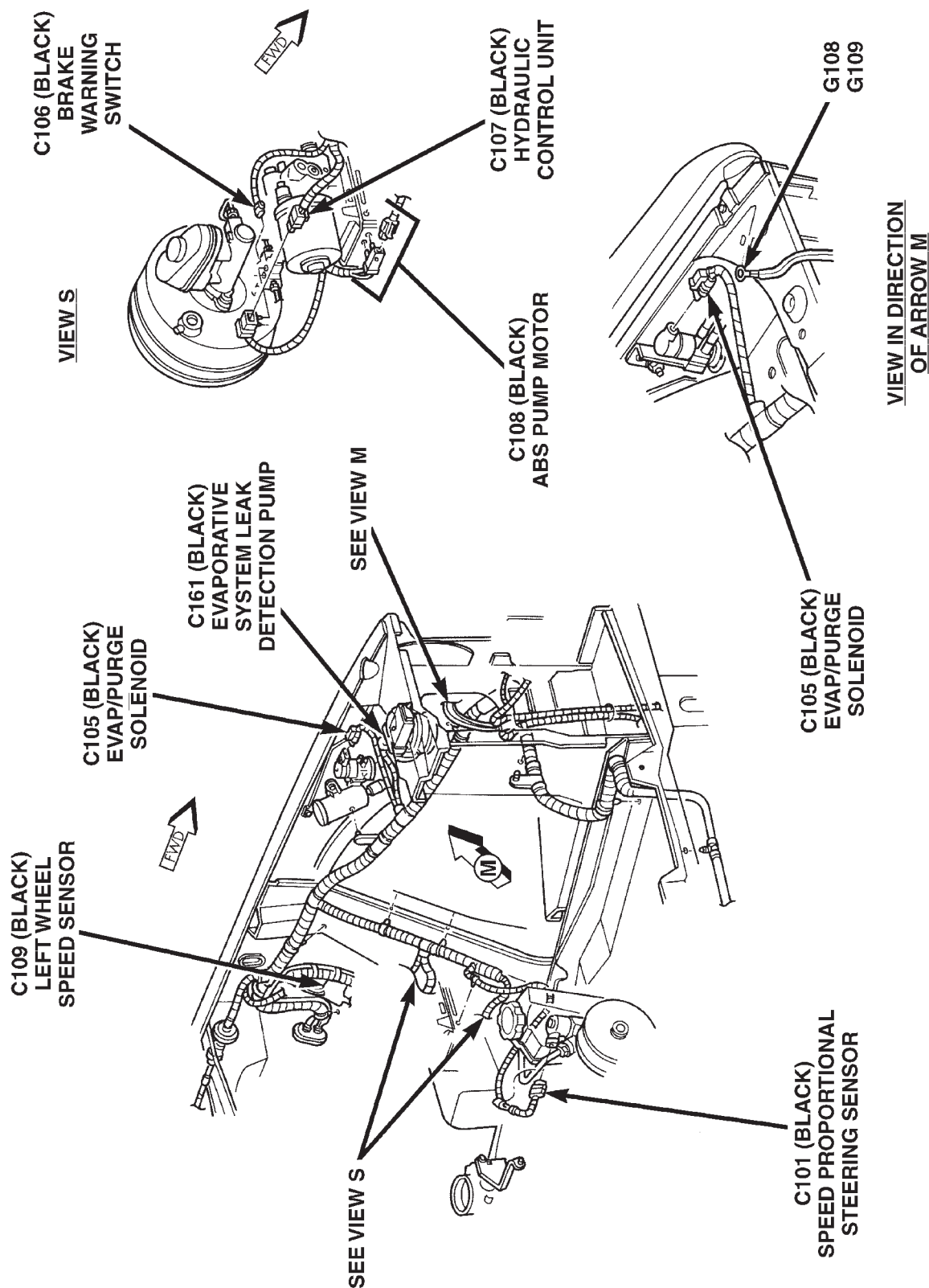


Fig. 3 Engine Compartment—Right Side

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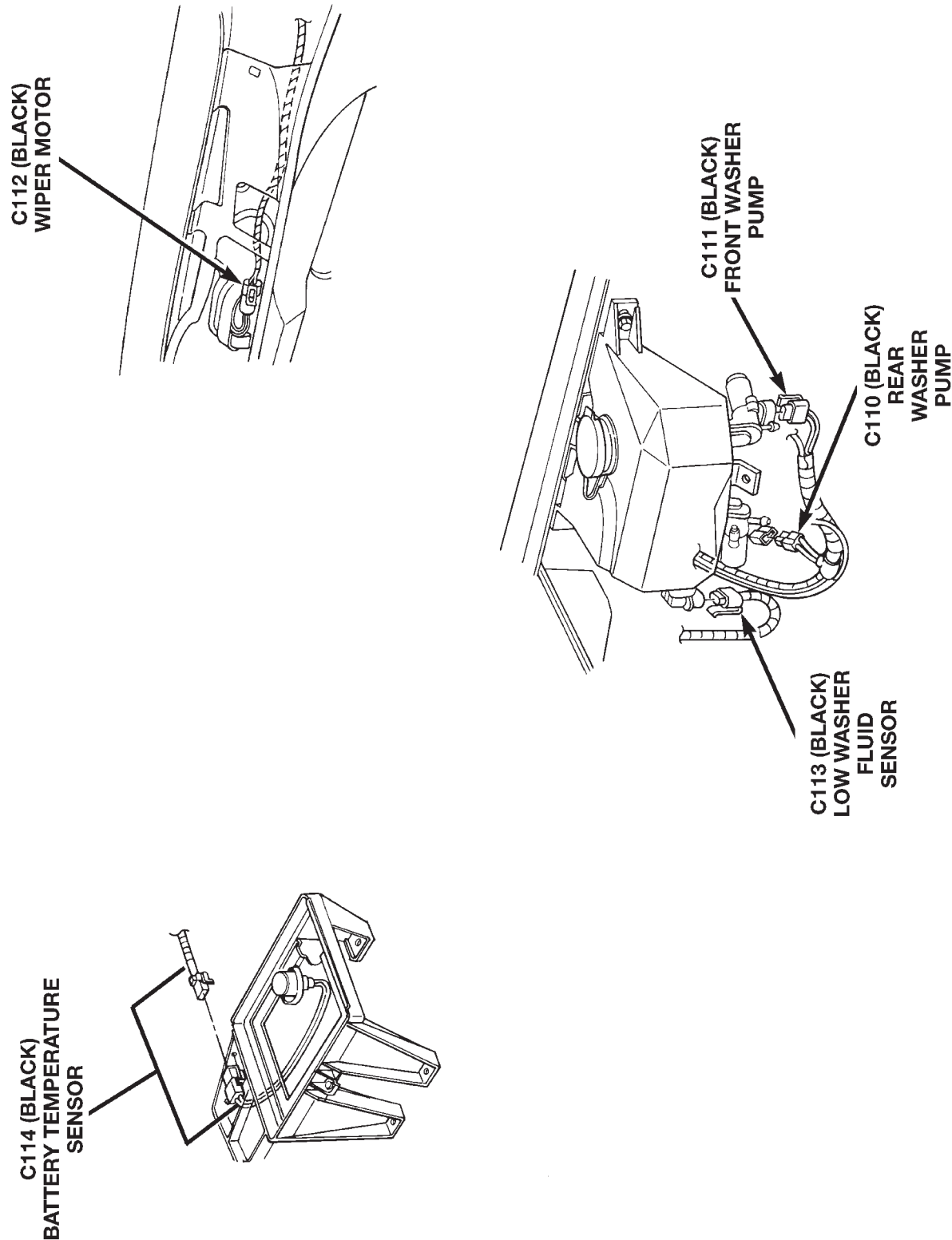


Fig. 4 Engine Compartment Connectors

SCHEMATICS AND DIAGRAMS (Continued)



Fig. 5 Engine Connectors—4.0L Engine

SCHEMATICS AND DIAGRAMS (Continued)

8051e536

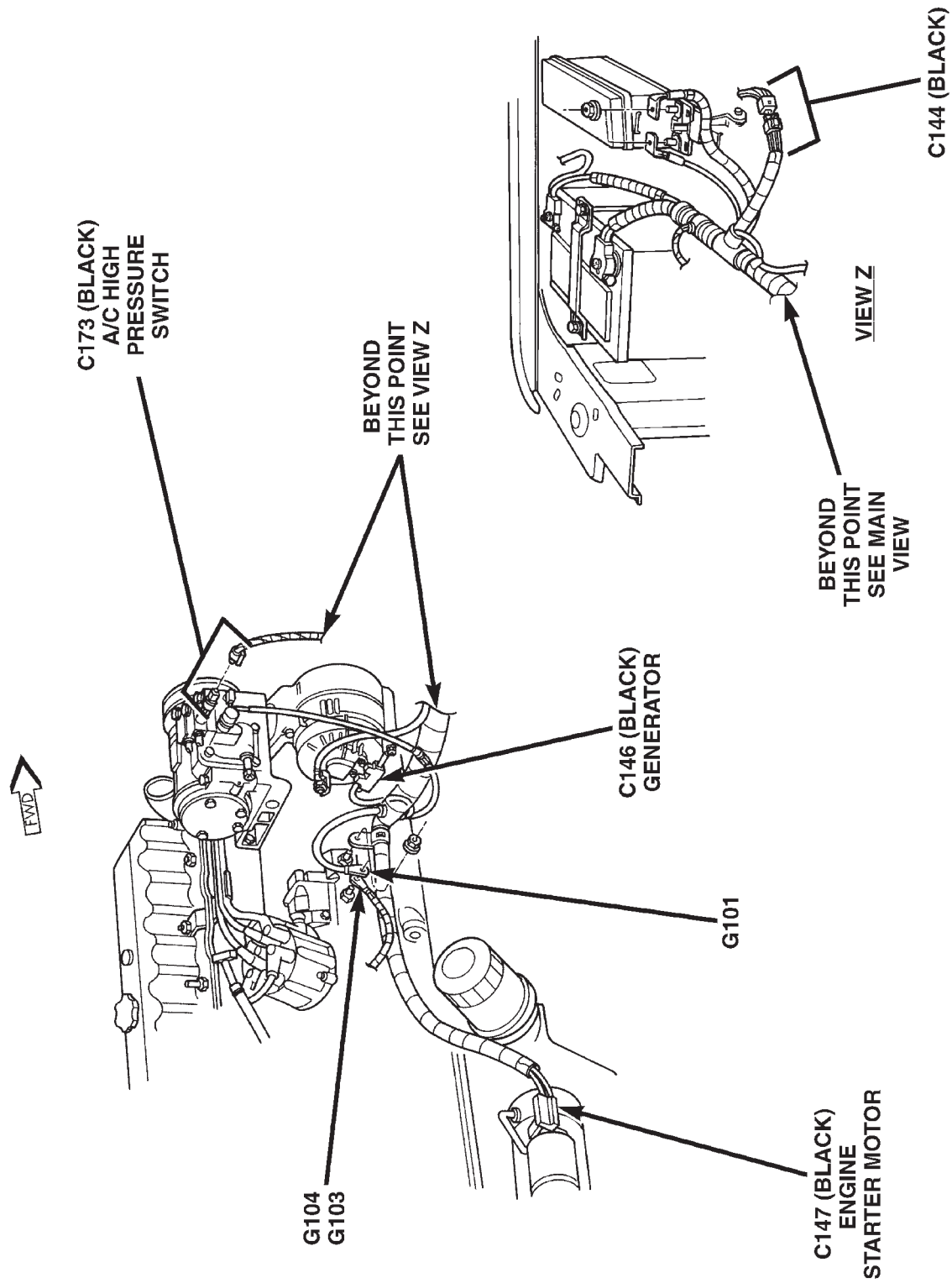


Fig. 6 Charging System Connectors—4.0L Engine

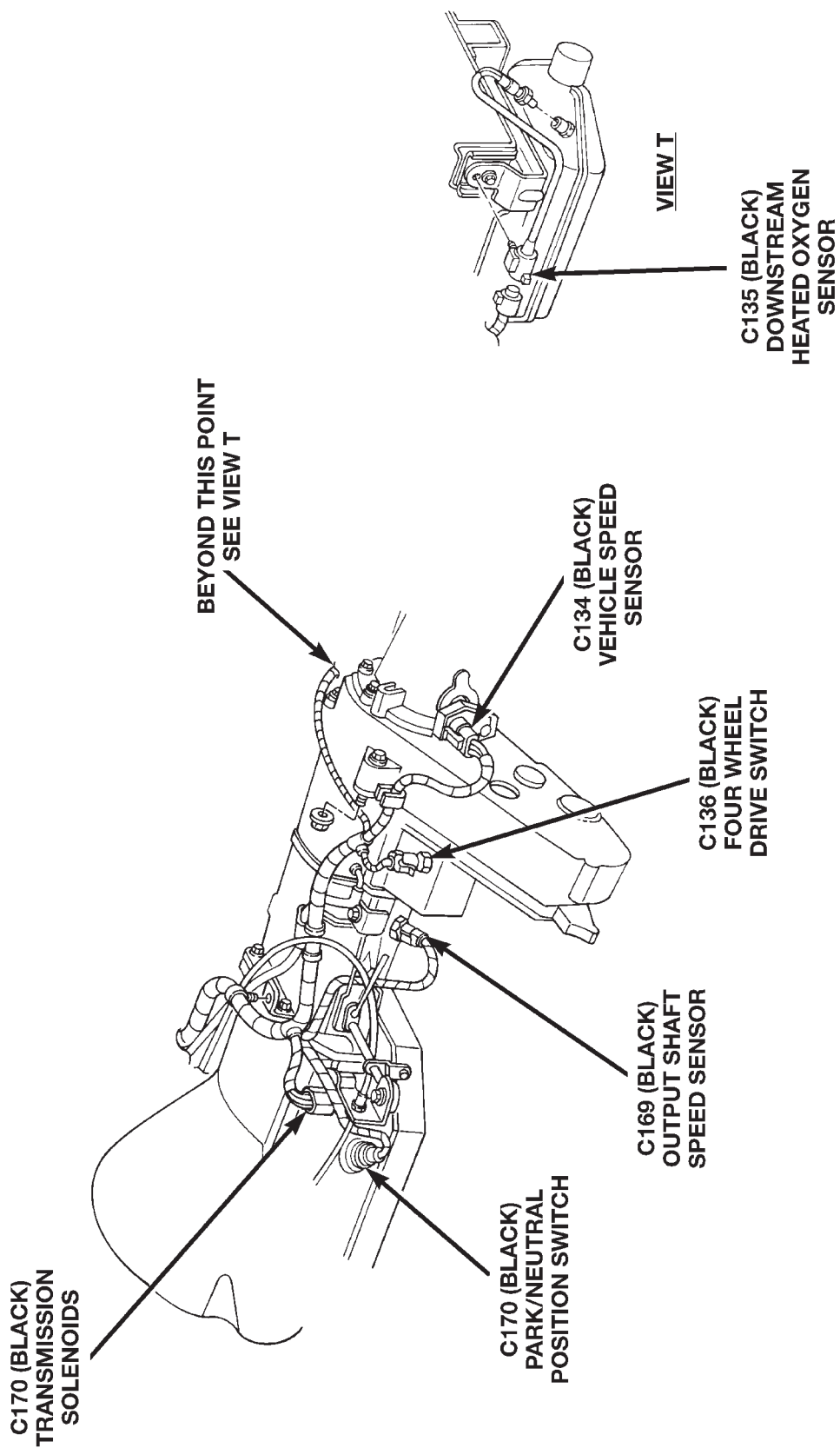


Fig. 7 Transmission Connectors—4.0L Engine

SCHEMATICS AND DIAGRAMS (Continued)

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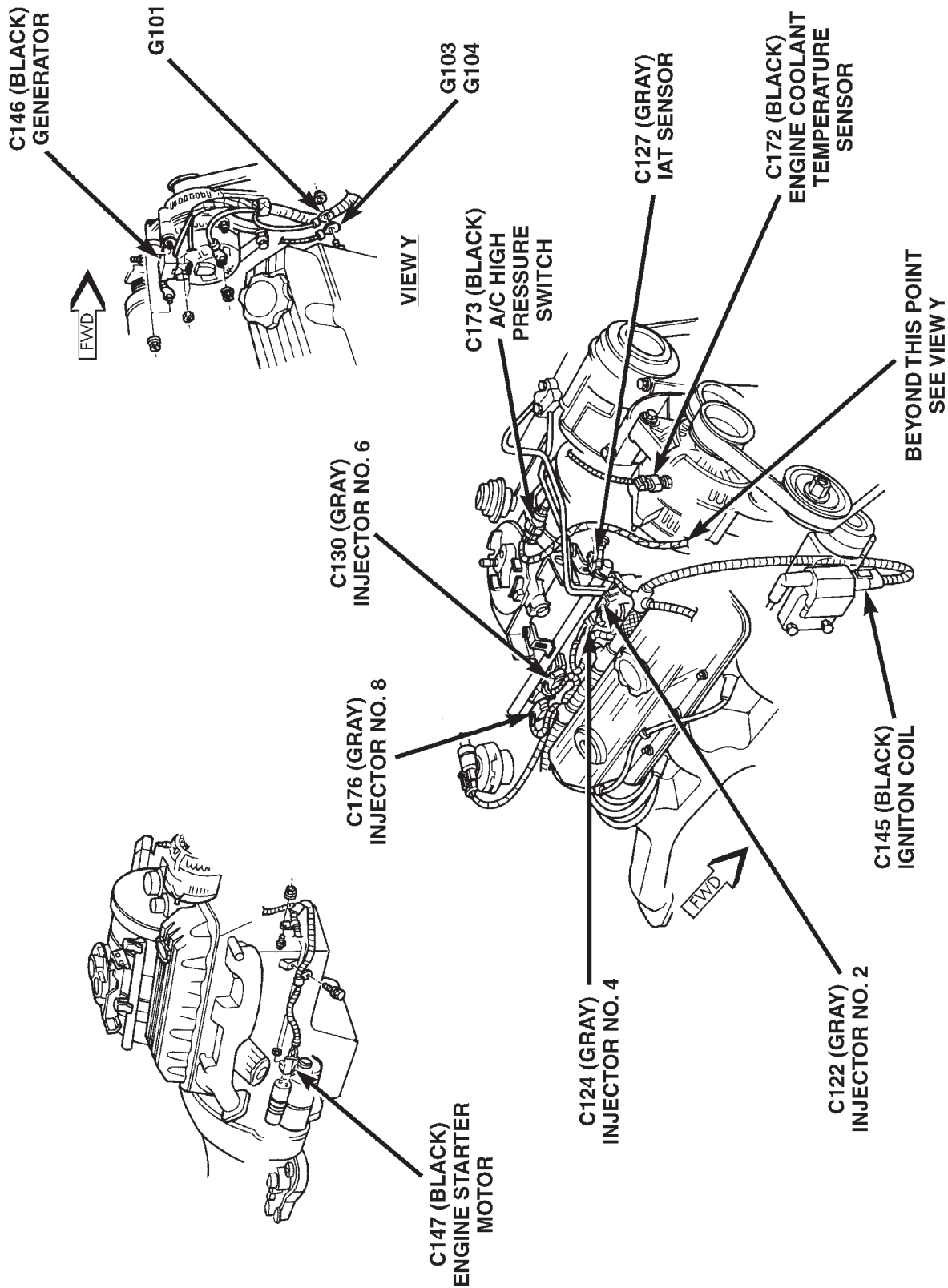
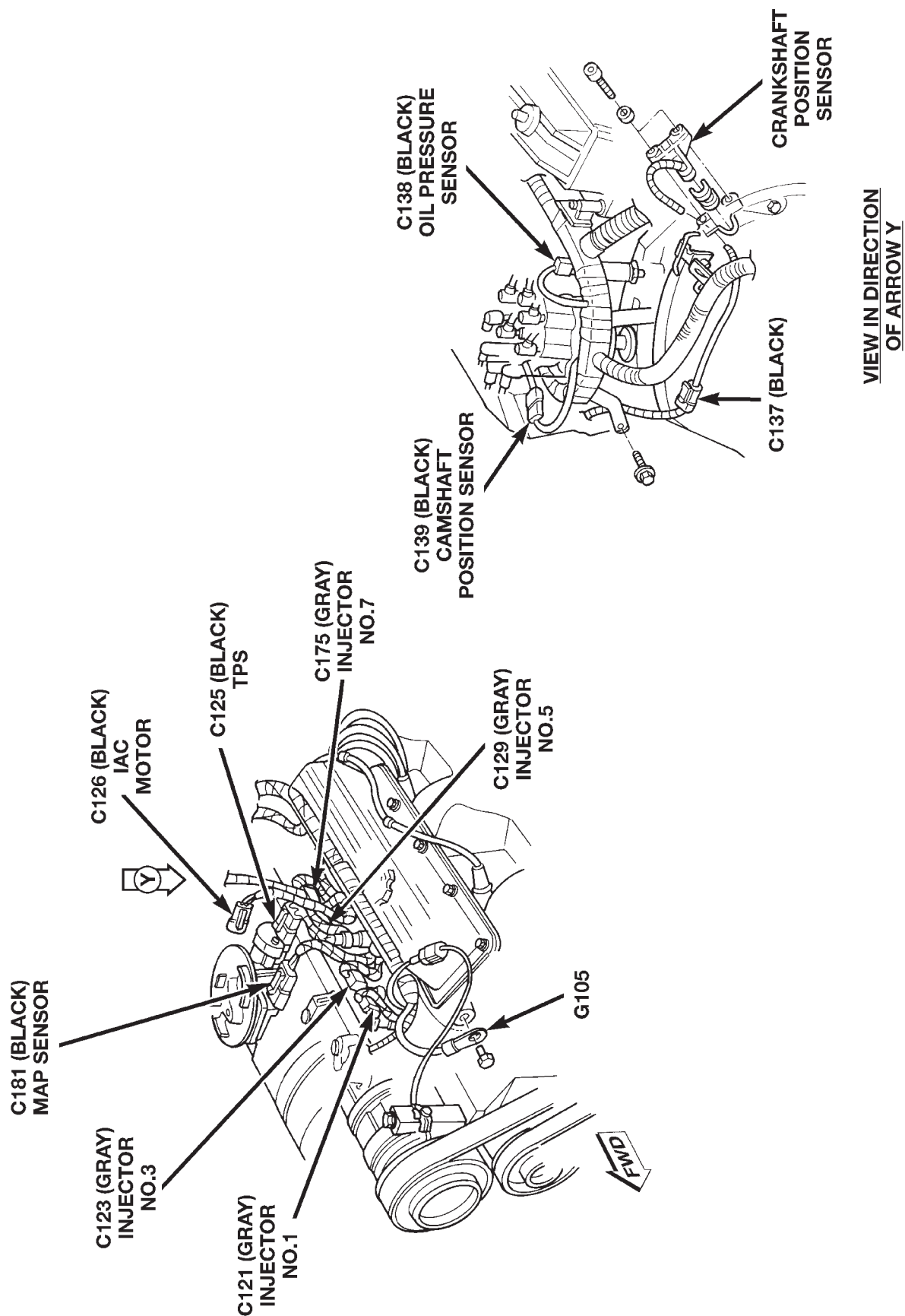


Fig. 8 Engine Connectors—5.2L Engine

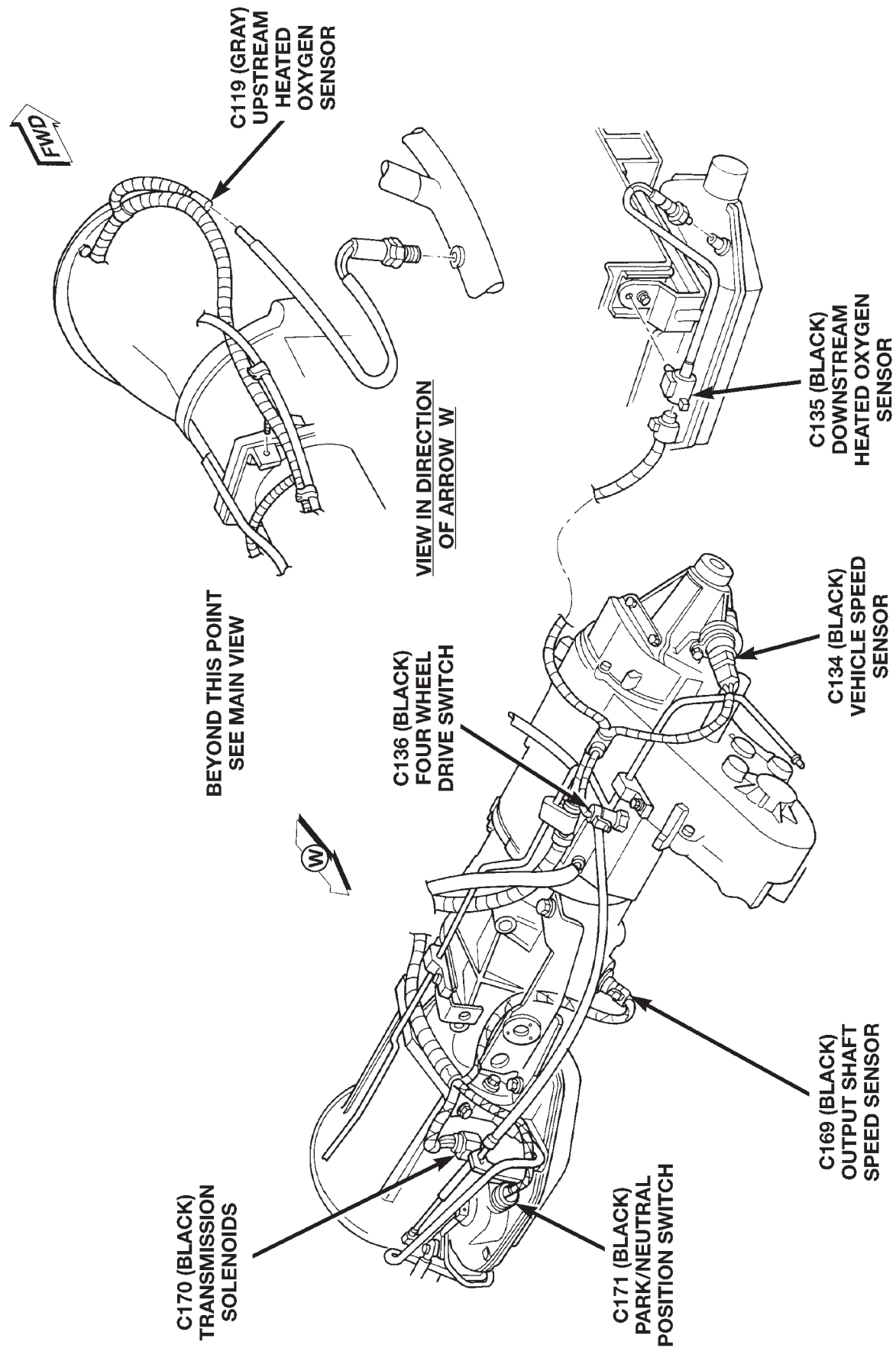
SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 9 Engine Connectors—5.2L Engine

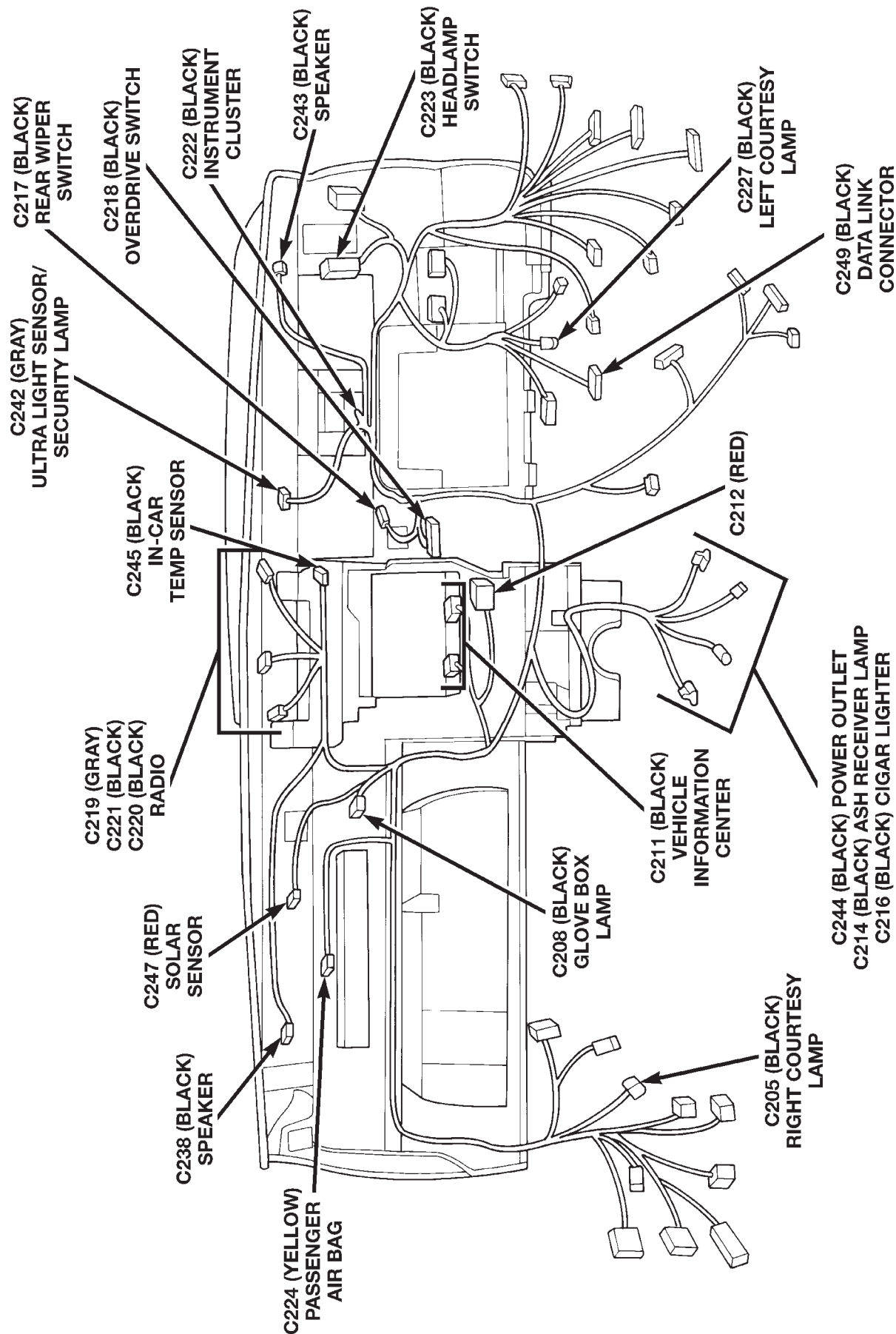
SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 10 Transmission Connectors—5.2L

SCHEMATICS AND DIAGRAMS (Continued)



805fe52b

Fig. 11 Instrument Panel Connectors

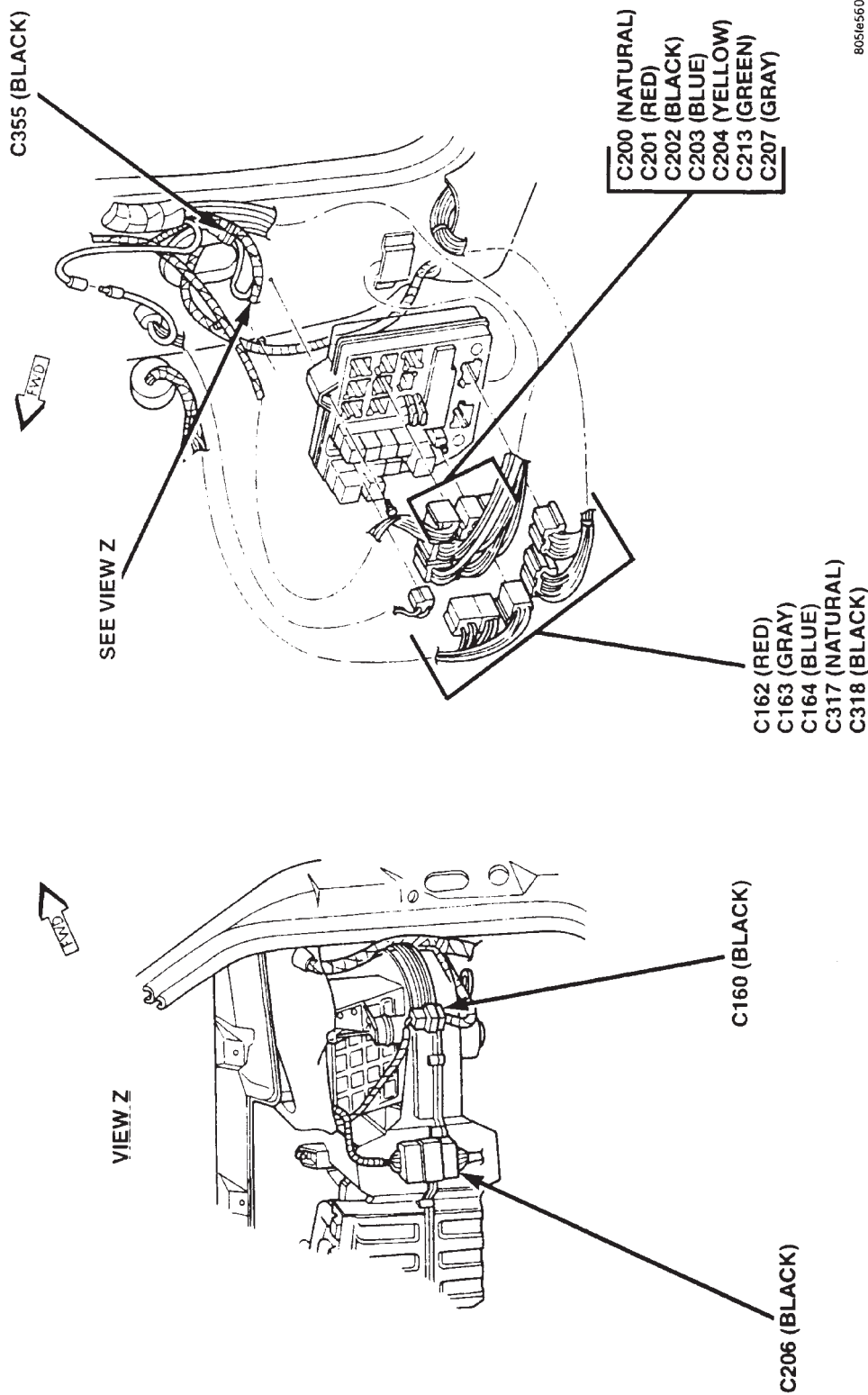
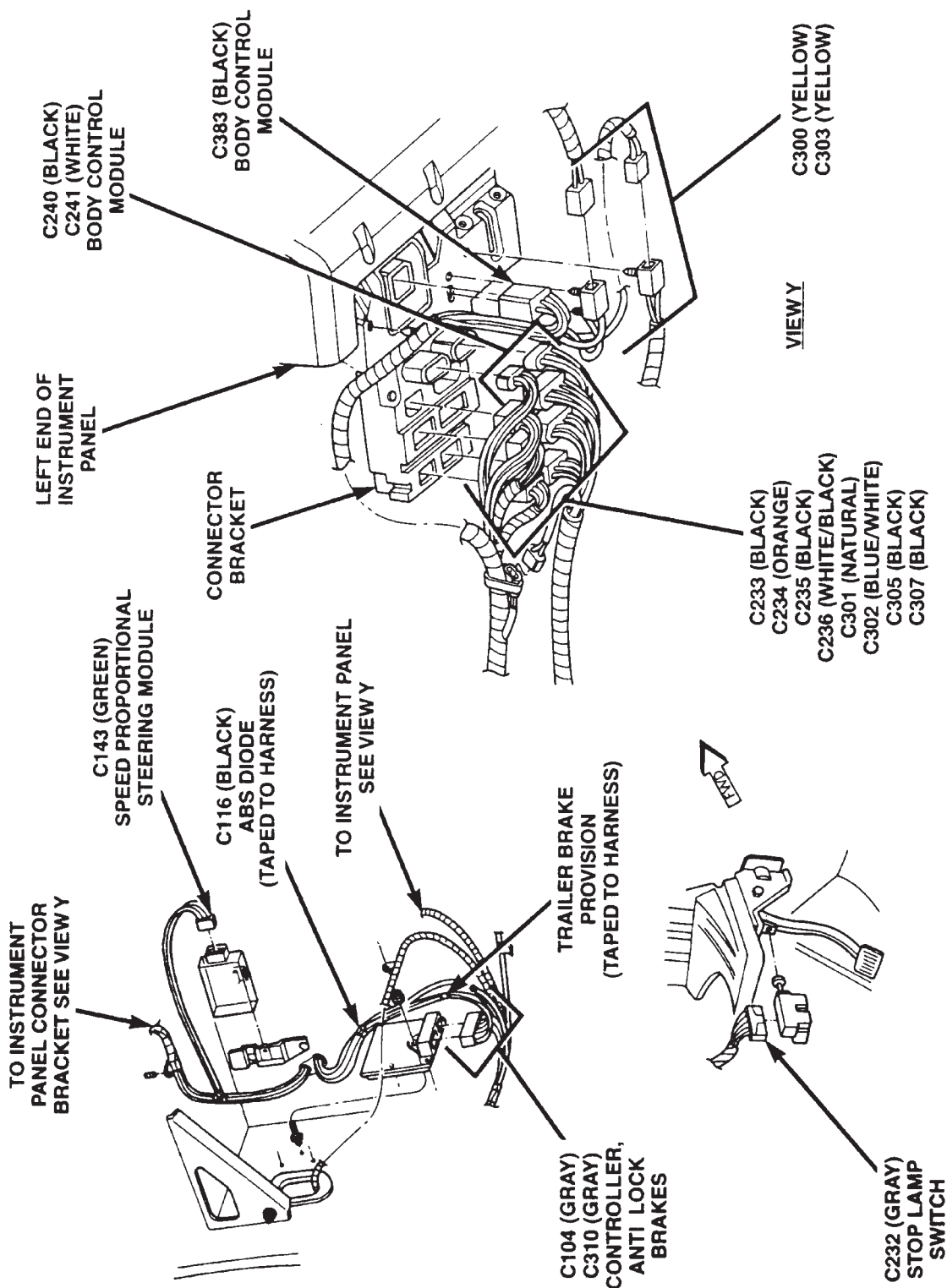


Fig. 12 Junction Block and HVAC Unit Connectors



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Fig. 13 Instrument Panel Connectors—Left Side

SCHEMATICS AND DIAGRAMS (Continued)

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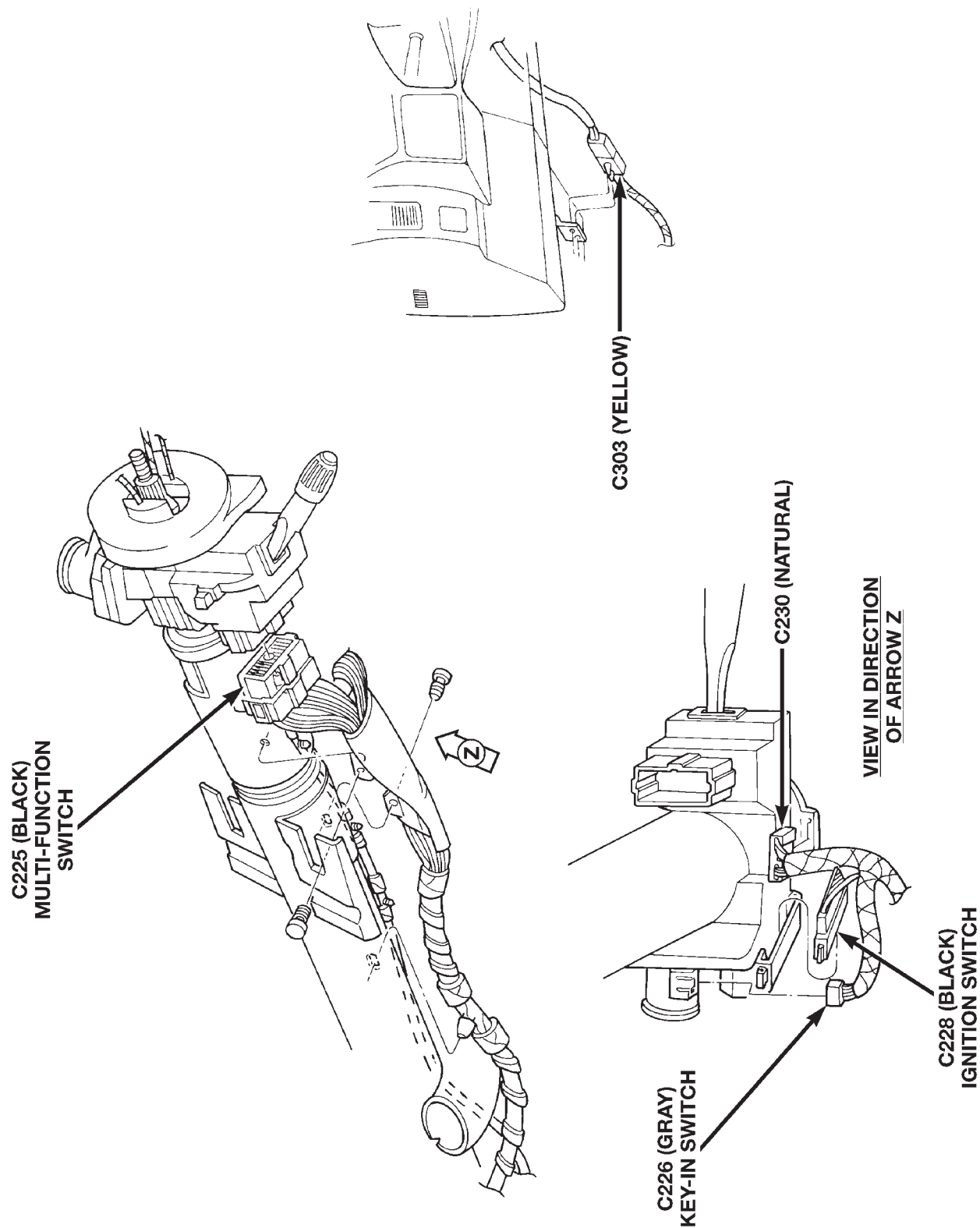


Fig. 14 Steering Column Connectors

SCHEMATICS AND DIAGRAMS (Continued)

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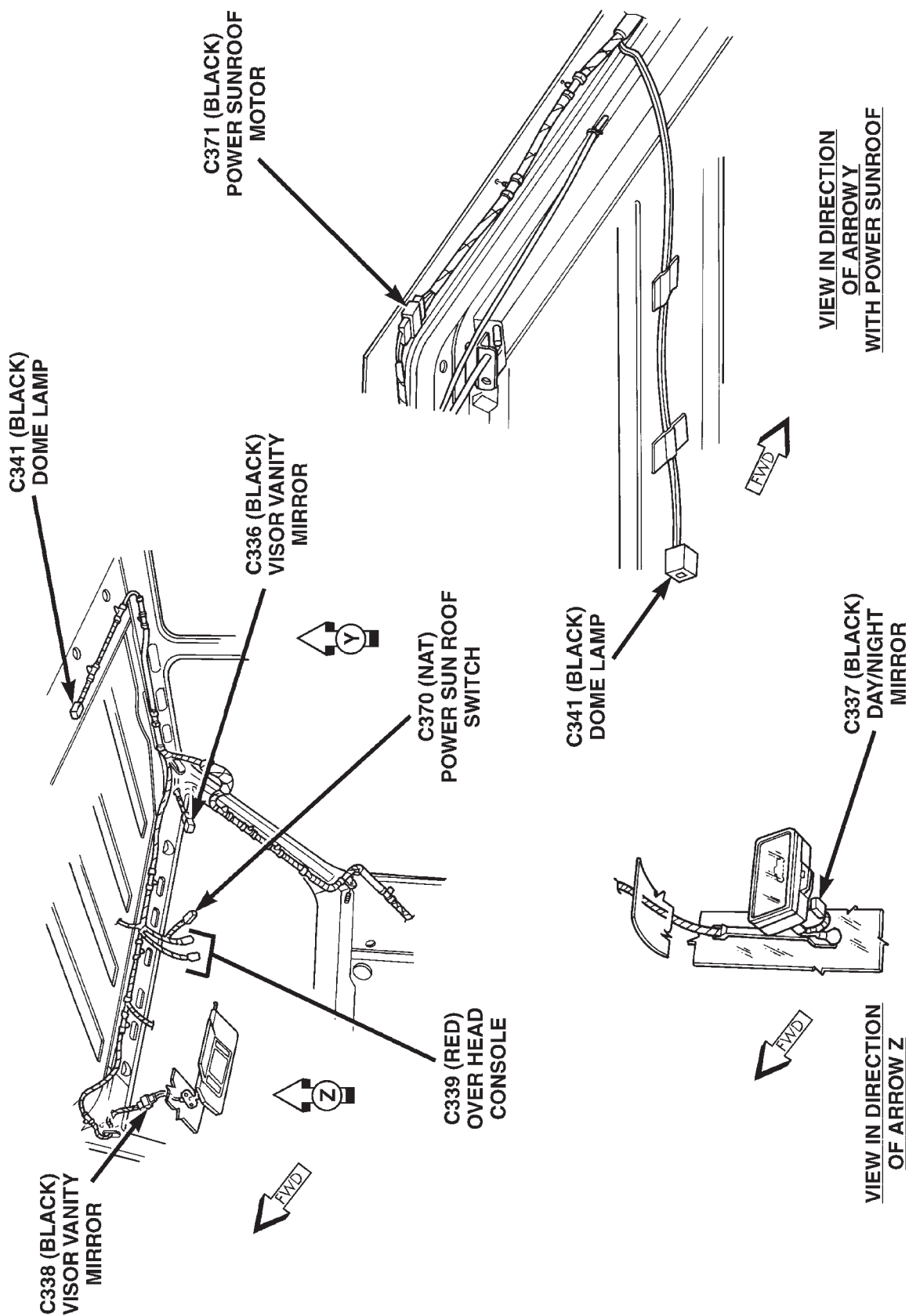


Fig. 15 Roof Connectors

SCHEMATICS AND DIAGRAMS (Continued)

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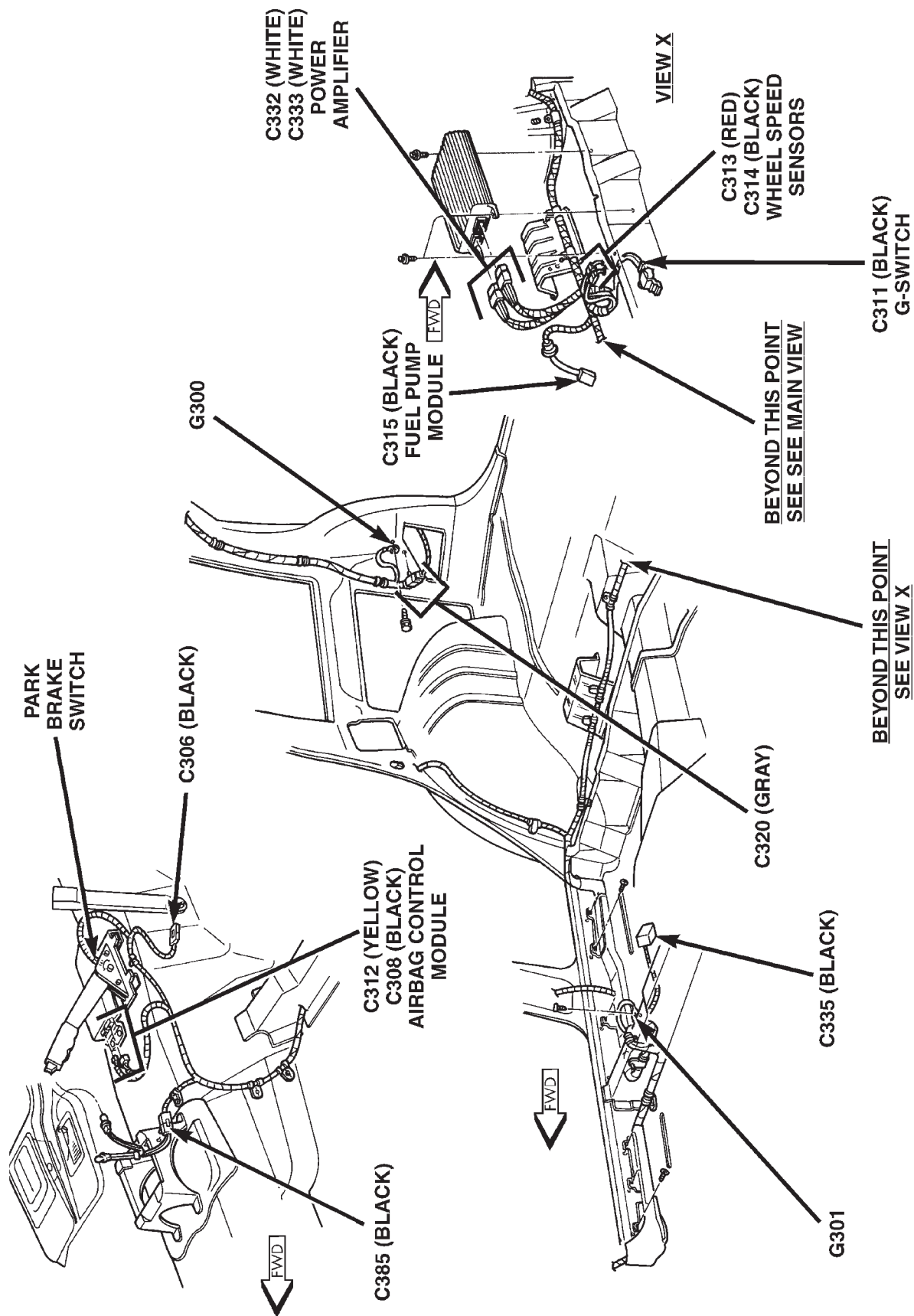
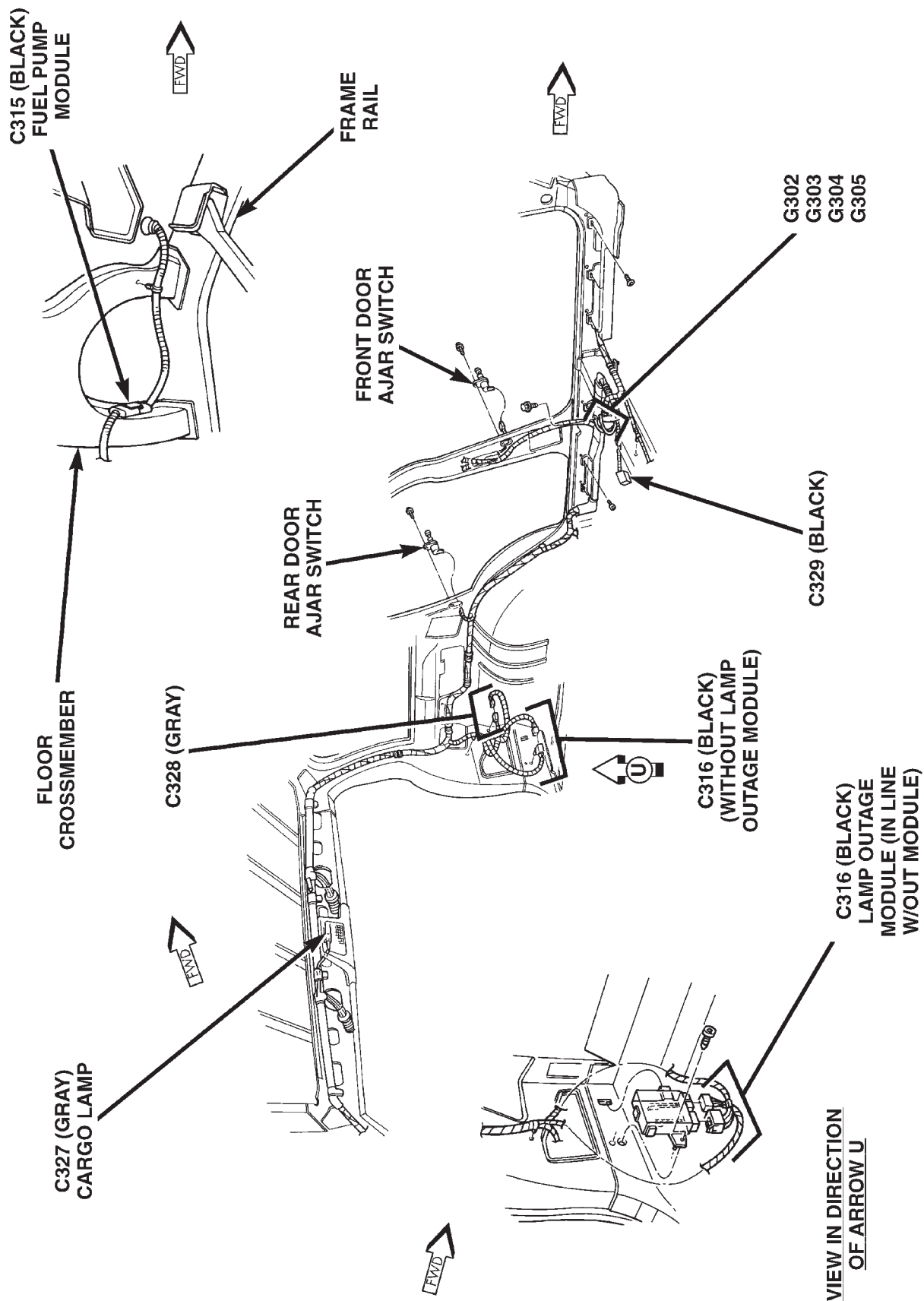


Fig. 16 Body Connectors—Right Side

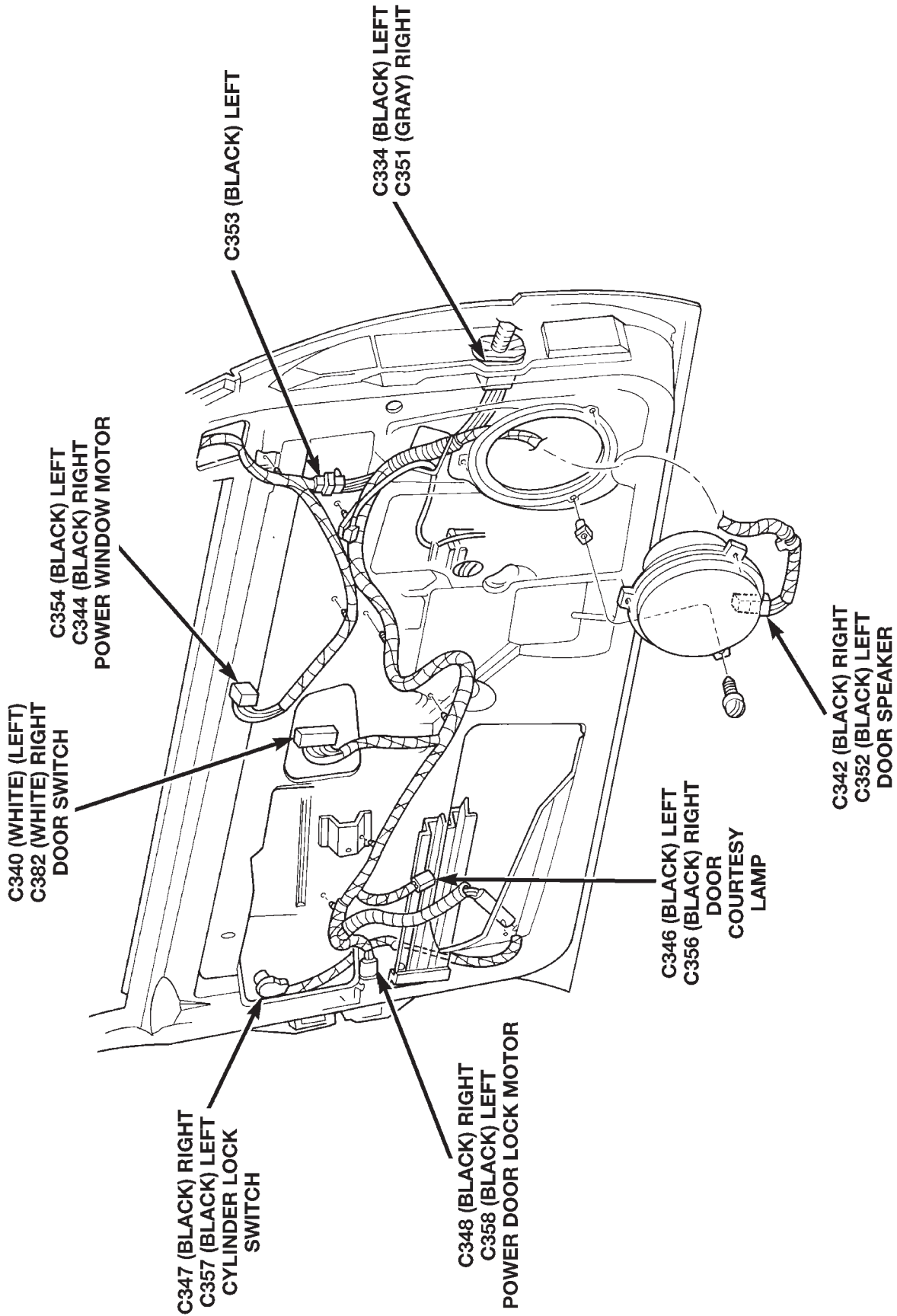
SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 17 Body Connectors—Left Side

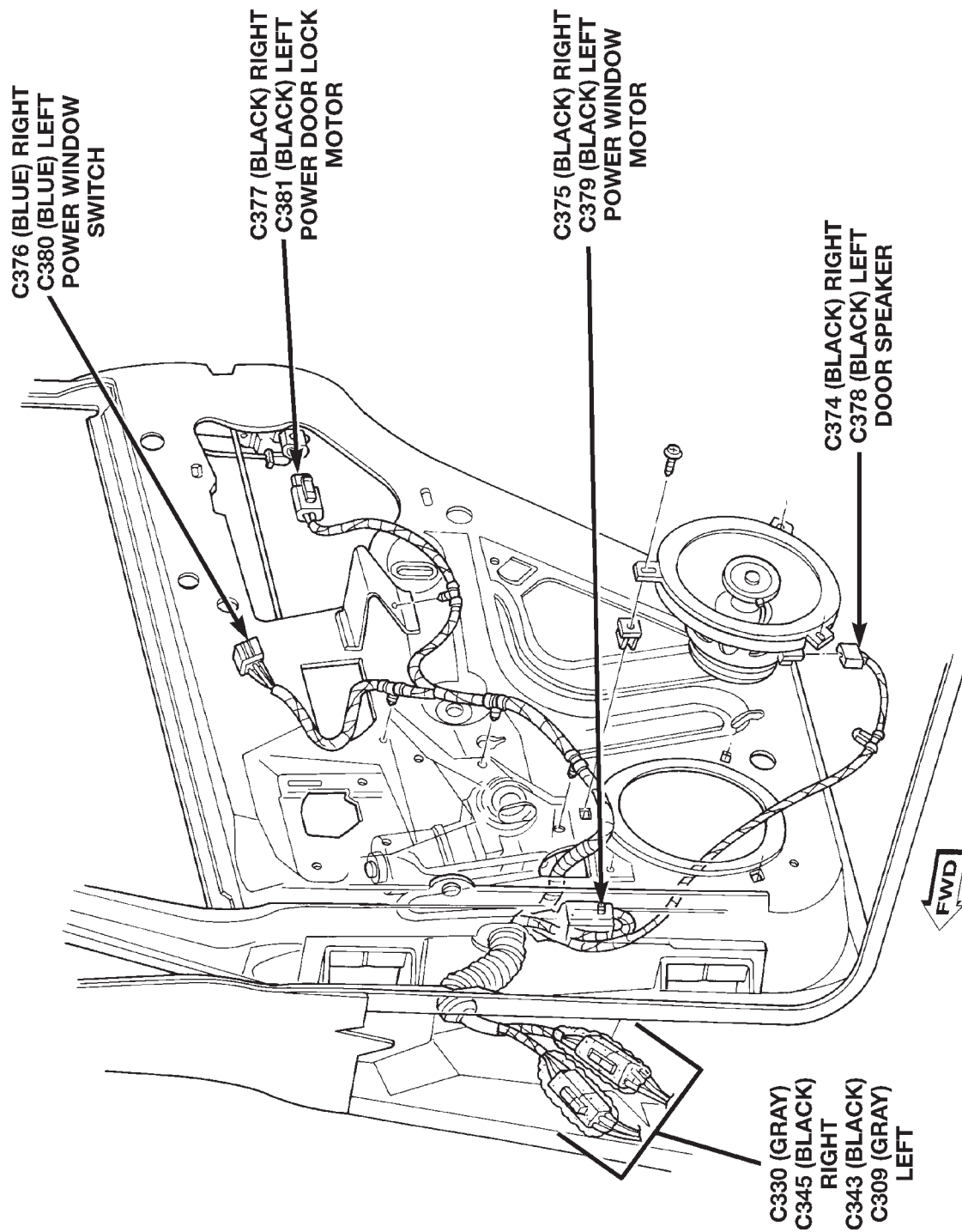
SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 18 Front Door Connectors

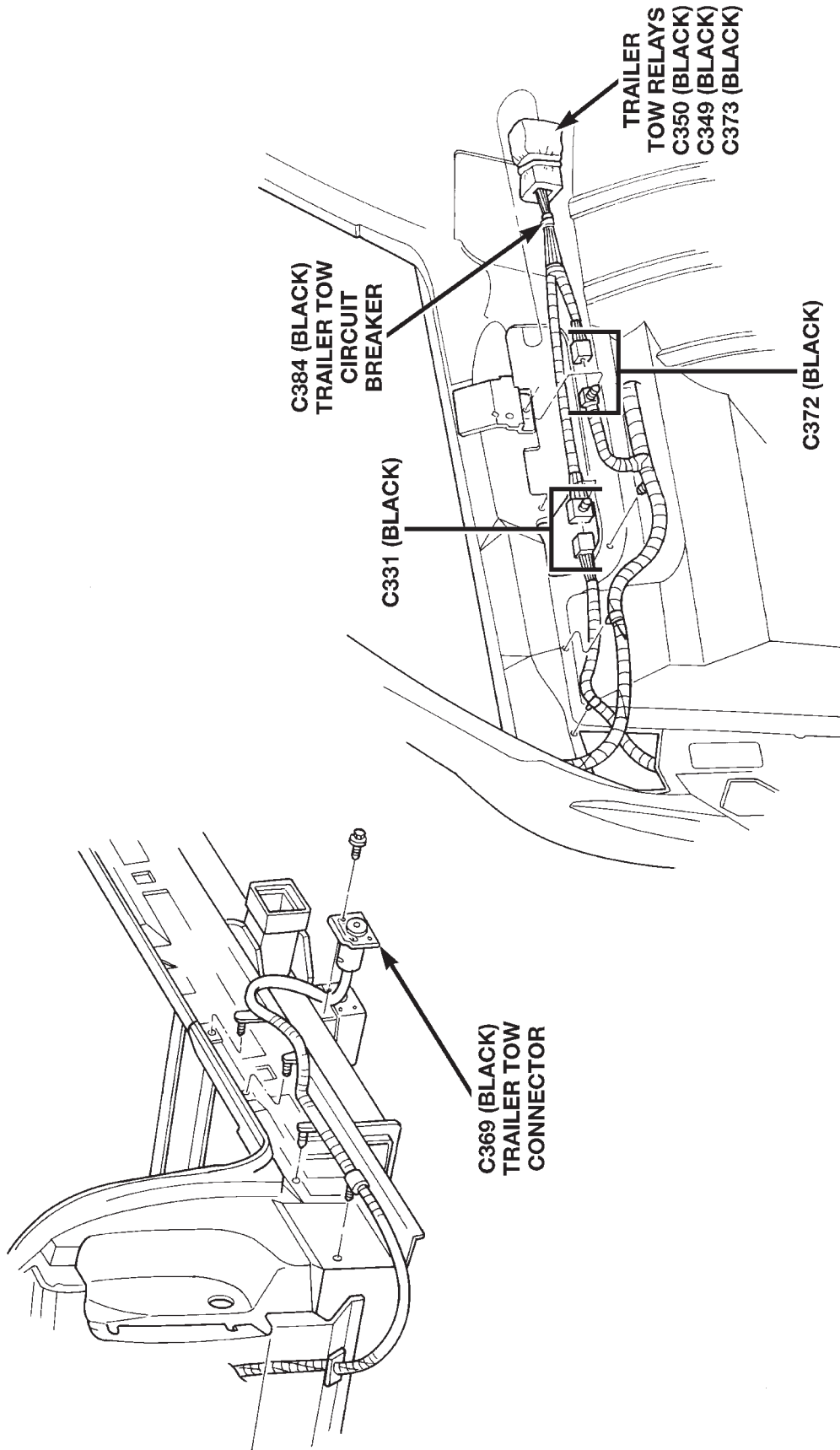
SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 19 Rear Door Connectors

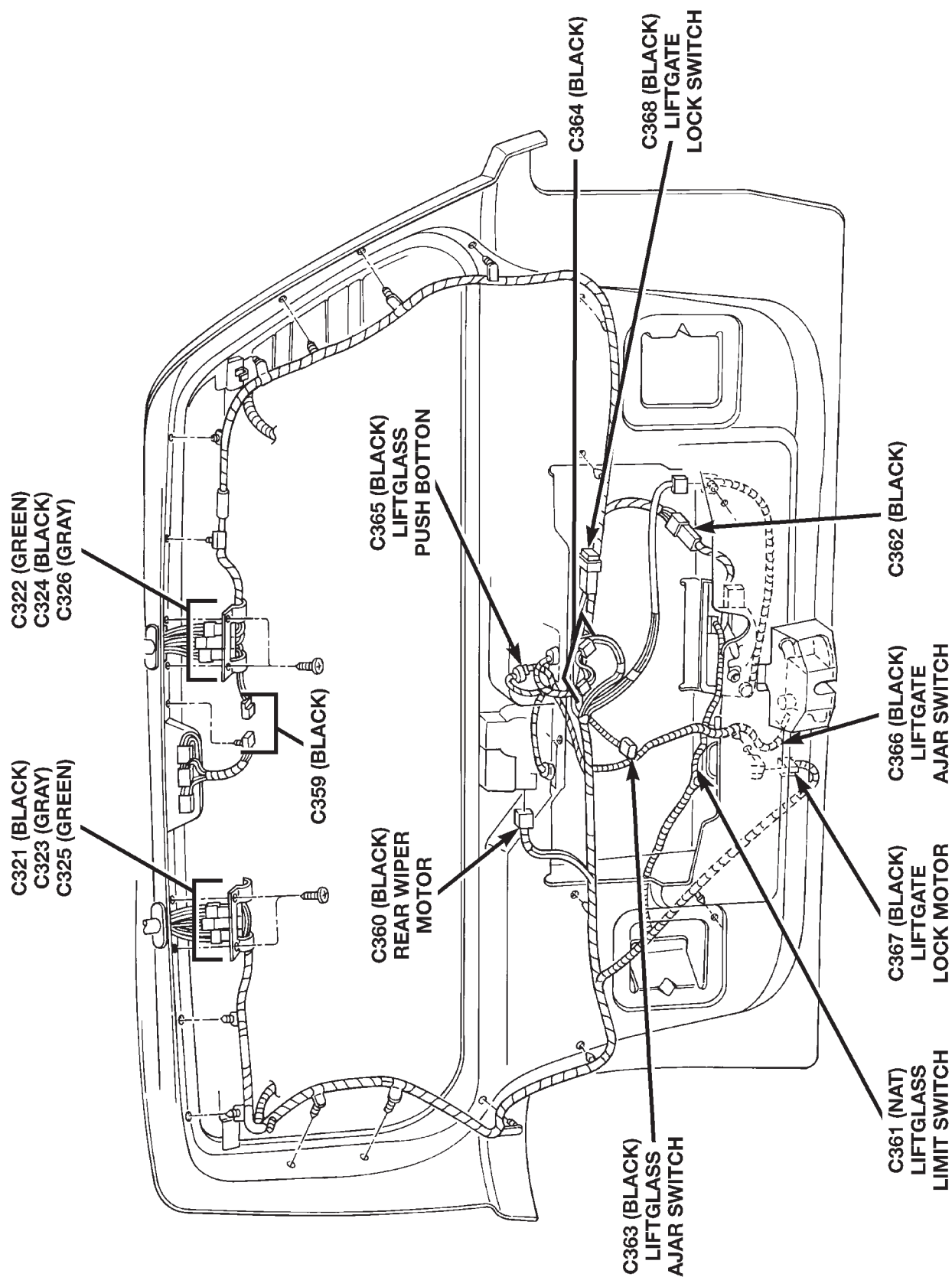
SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 20 Factory Trailer Tow

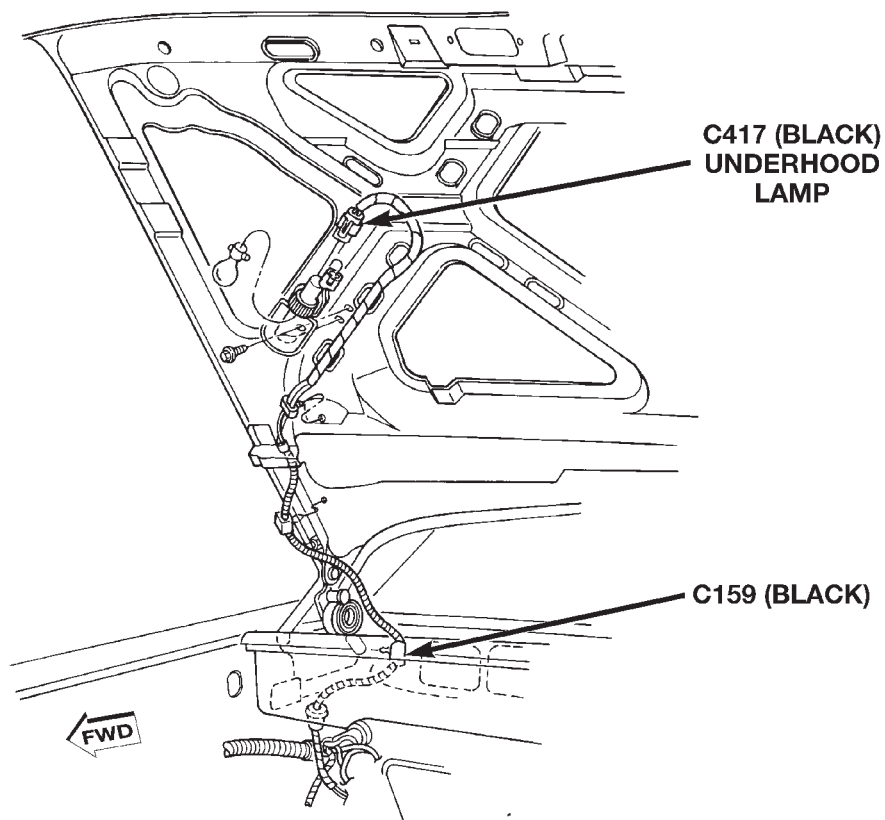
SCHEMATICS AND DIAGRAMS (Continued)



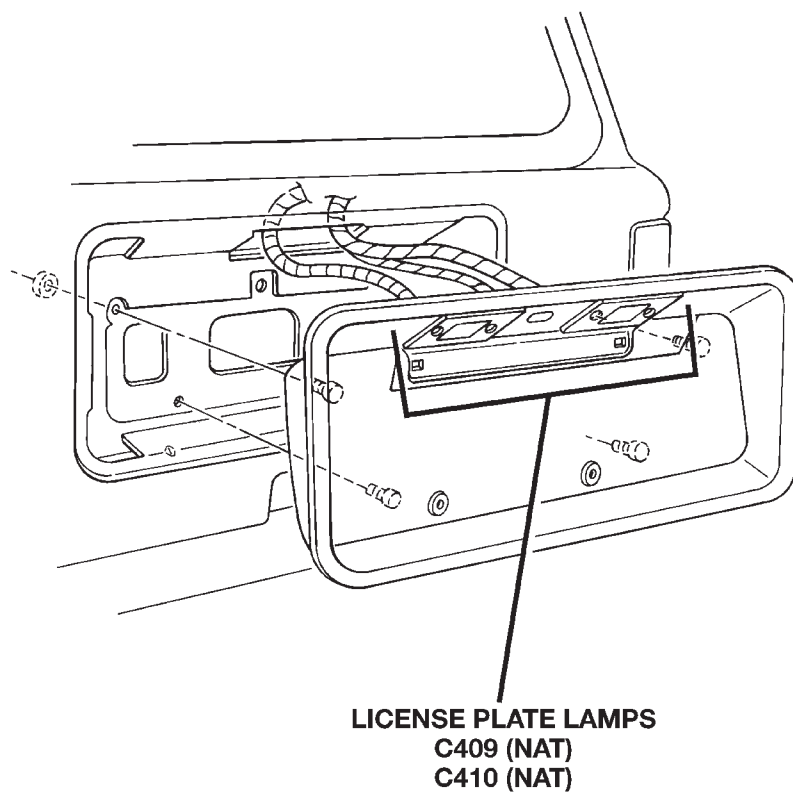
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Fig. 21 Liftgate Connectors

SCHEMATICS AND DIAGRAMS (Continued)

**Fig. 22 Underhood Lamp**

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**Fig. 23 License Plate Lamps**

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SCHEMATICS AND DIAGRAMS (Continued)

8W-95 SPLICE LOCATIONS

DIAGNOSIS AND TESTING

INTRODUCTION

This section provides illustrations identifying the general location of the splices in this vehicle. A splice index is provided. Use the wiring diagrams in each section for splice number identification. Refer to the index for proper splice number.

Splice Number	Location	Fig.
S100	Near Power Distribution Center	1
S101	Near Battery Temperature Sensor T/O	1
S102	Near Battery Temperature Sensor T/O	1
S103	Near Battery Temperature Sensor T/O	1
S104	Right Front Corner of Engine Compartment	1
S105	Right Front Corner of Engine Compartment	1
S106	Right Front Corner of Engine Compartment	1
S107	Left Front Corner of Engine Compartment	1
S108	Left Front Corner of Engine Compartment	1
S109	Near EVAP/Purge Solenoid T/O	1
S116	Near Branch to Brake Warning Switch	1
S117	In Branch to Brake Warning Switch	1
S118	In Branch to Brake Warning Switch	1
S119	Left Rear of Engine Compartment	1
S120	Near T/O to Low Washer Fluid Level Sensor	1
S121	Near T/O to Low Washer Fluid Level Sensor	1
S122	Near Vehicle Speed Control Servo T/O	1
S123	Near Vehicle Speed Control Servo T/O	1

SCHEMATICS AND DIAGRAMS

SPLICE LOCATIONS

For splices that are not shown in the figures in this section a N/S is placed in the Fig. column

Splice Number	Location	Fig.
S124	Near Vehicle Speed Control Servo T/O	1
S125	Near Controller, Antilock Brakes	5
S126	Near A/C High Pressure Switch T/O (4.0L Engine)	1
S126	In Branch to Starter Motor (5.2L Engine)	3
S127	Near Injector No. 3 T/O (4.0L Engine)	2
S128	Near Injector No. 5 T/O (4.0L Engine)	2
S128	Near T/Os for Injectors 6 and 8 (5.2L Engine)	3
S129	Rear of Engine (4.0L Engine)	2
S129	Near Injector No. 3 T/O (5.2L Engine)	3
S130	Rear of Engine (4.0L Engine)	2
S130	Near Crankshaft Position Sensor T/O (5.2L Engine)	3
S131	In Branch to Transmission (4.0L Engine)	2
S131	Right Rear of Engine (5.2L Engine)	3
S132	Near Branch to Transmission (4.0L Engine)	2
S132	Rear of Engine (5.2L Engine)	3
S133	In Branch to Oil Pressure Sensor and Crankshaft Position Sensor (4.0L Engine)	2
S133	Near Injector No. 5 T/O (5.2L Engine)	3
S134	Near Branch to Powertrain Control Module (4.0L Engine)	2
S134	Rear of Engine (5.2L Engine)	3

SCHEMATICS AND DIAGRAMS (Continued)

Splice Number	Location	Fig.
S135	Near Branch to PCM (4.0L Engine)	2
S135	Right Rear of Engine (5.2L Engine)	3
S136	Near Injector No. 7 T/O (5.2L Engine)	3
S200	Near Headlamp Switch T/O	4
S201	Near Headlamp Switch T/O	4
S202	Near Stop Lamp Switch T/O	4
S203	Near Stop Lamp Switch T/O	4
S204	Near Branch to Instrument Cluster	4
S205	Near Branch to Instrument Cluster	4
S206	Near Branch to Rear Window Defogger Switch	4
S207	Near Shift Interlock T/O	4
S208	Near Branch to Shift Interlock T/O	4
S209	Near Branch to Shift Interlock T/O	4
S210	Near Transfer Case Illumination Lamp T/O	4
S211	Near Branch to Graphic Display Module/Vehicle Information Center	4
S212	Near Passenger Airbag T/O	4
S214	Near Passenger Airbag T/O	4
S215	Near Passenger Airbag T/O	4
S216	Near Passenger Airbag T/O	4
S218	Near Passenger Airbag T/O	4
S219	Near Branch to Graphic Display Module/Vehicle Information Center	4
S220	Near Passenger Airbag T/O	4
S221	On HVAC Harness	6
S222	On HVAC Harness	6
S223	On HVAC Harness	6
S224	On HVAC Harness	6
S225	On HVAC Harness	6
S226	On HVAC Harness	6
S300	Near Left Kick Panel	5
S301	Near Left Kick Panel	5
S302	Near Left Kick Panel	5

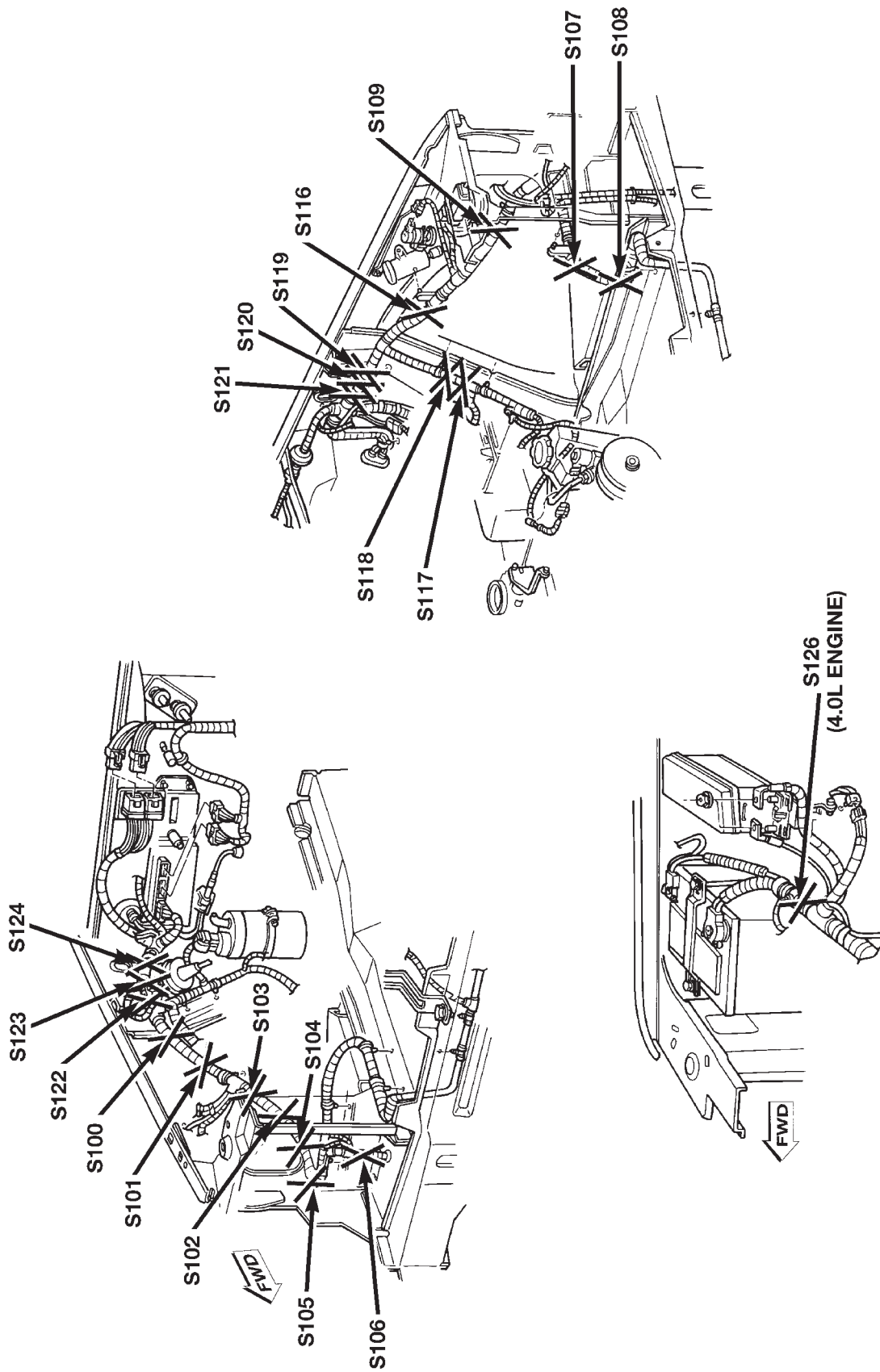
Splice Number	Location	Fig.
S303	Near Branch to Floor Console	7
S304	Near Branch to Floor Console	7
S305	Near Branch to Left Rear Door	7
S306	Near Branch to Left Rear Door	7
S307	Near Branch to Left Rear Door	7
S308	Near Branch to Power Amplifier	7
S309	In Branch to Power Amplifier	7
S310	Near Branch to Power Amplifier	7
S311	Left Rear Quarter Panel	7
S312	Left Rear Quarter Panel	7
S313	Left Rear Quarter Panel	7
S314	Top of Left Rear Quarter Panel	7
S315	Top of Left Rear Quarter Panel	7
S316	Near Right Side T/O for Liftgate	8
S317	In Branch to Power Amplifier	7
S318	In Branch to Power Amplifier	7
S319	Near Branch to Right Rear Door Ajar Switch	8
S320	In Branch to Dome/Reading Lamp	9
S321	Between Day/Night Mirror T/O and Right Vanity Mirror T/O	9
S322	Between Day/Night Mirror T/O and Right Vanity Mirror T/O	9
S323	Near Day/Night Mirror T/O	9
S324	In Left Front Door, Between Power Window Motor T/O and Power Mirror T/O	10
S325	In Right Front Door, Near Power Window Motor T/O	10
S326	In Right Front Door, Near Power Window Motor T/O	10
S327	In Right Front Door, Near Power Window Motor T/O	10
S328	In Liftgate, Near Rear Window Defogger T/O	11
S329	In Liftgate, Near Rear Wiper Motor T/O	11
S330	In Factory Trailer Tow Harness, Near Body Harness Connector	7
S331	In Factory Trailer Tow Harness, Near Trailer Receptacle Harness Connector	7
S332	In Liftgate, Near Left Body Connectors	11

SCHEMATICS AND DIAGRAMS (Continued)

Splice Number	Location	Fig.
S333	Near T/O to Right Power Seat	8
S334	In Branch to Dome Reading Lamp	9
S335	In Branch to Power Amplifier	7
S336	In Liftgate, Between Rear Wiper Motor T/O and Liftgate Lock Motor T/O	11
S400	In Left Power Seat Harness, Near Lumbar Motor T/O	N/S
S401	In Left Power Seat Harness, Near Riser Motor Sensor T/O	N/S
S402	In Left Power Seat Harness, Between Riser Motor Sensor T/O and Heated Seat Module T/O	N/S
S403	In Left Power Seat Harness, Near Seat Switch T/O	N/S
S404	In Right Power Seat Harness, Near Seat Motor T/Os	N/S
S405	In Right Power Seat Harness, Near Seat Motor T/Os	N/S
S406	In Right Power Seat Harness, In Branch to Seat Switch	N/S
S407	In Left Power Seat Harness, Near Lumbar Motor T/O	N/S
S408	Near Left Front Turn Signal Bulb Socket	N/S

Splice Number	Location	Fig.
S409	Near Left Front Turn Signal Bulb Socket	N/S
S410	Near Left Front Park Lamp Bulb Socket	N/S
S411	In Left Tail Lamp Harness, Between Body Connector and Grommet	N/S
S412	In Left Tail Lamp Harness, Between Body Connector and Grommet	N/S
S413	Near Right Front Turn Signal Bulb Socket	N/S
S414	Near Right Front Turn Signal Bulb Socket	N/S
S415	Near Right Front Park Lamp Bulb Socket	N/S
S416	In Right Tail Lamp Harness, Between Body Connector and Grommet	N/S
S417	In Right Tail Lamp Harness, Between Body Connector and Grommet	N/S
S418	In License Plate Lamp Harness	11
S419	In License Plate Lamp Harness	11

SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 1 Engine Compartment Splices

SCHEMATICS AND DIAGRAMS (Continued)

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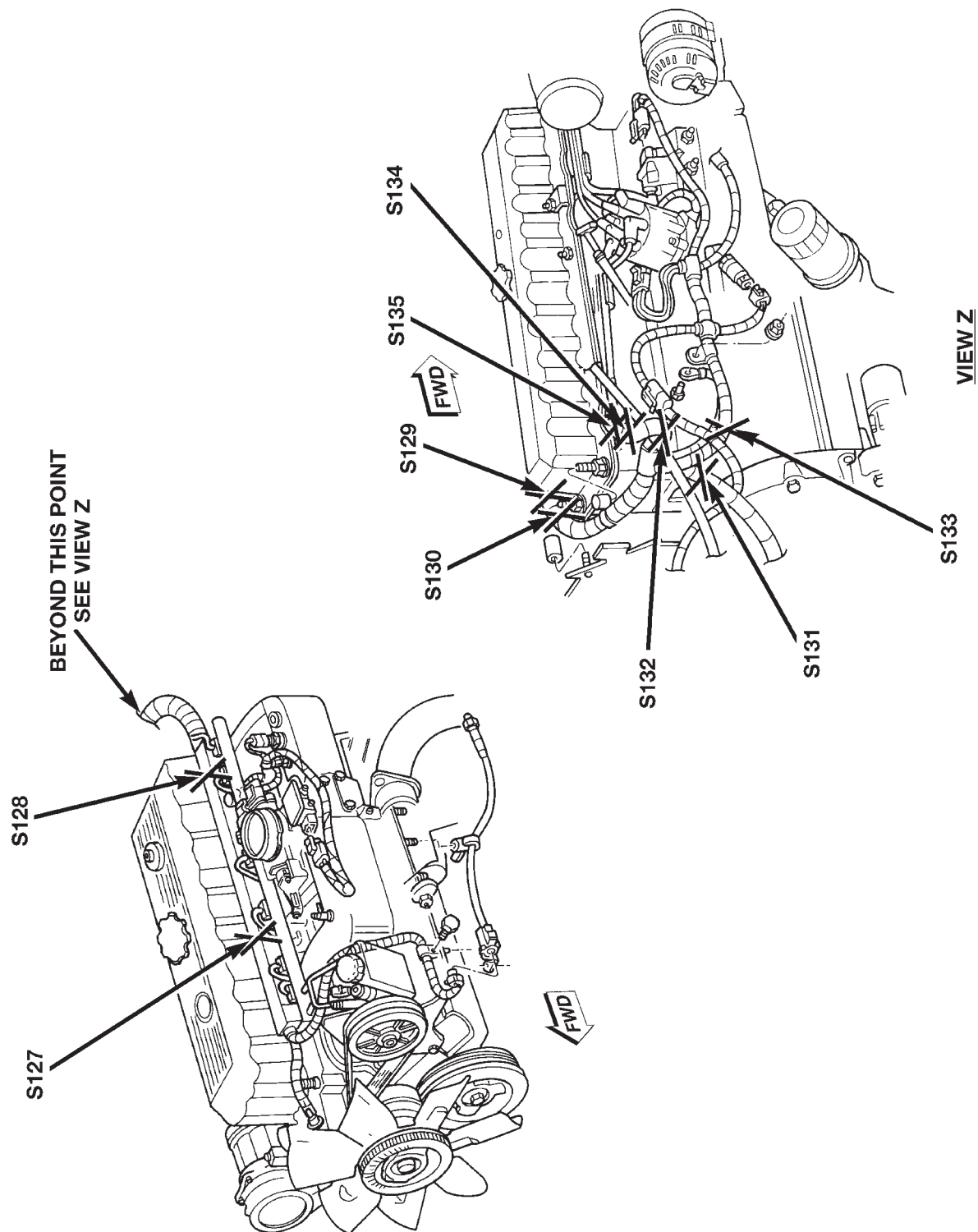


Fig. 2 Engine Wiring Splices—4.0L Engine

SCHEMATICS AND DIAGRAMS (Continued)

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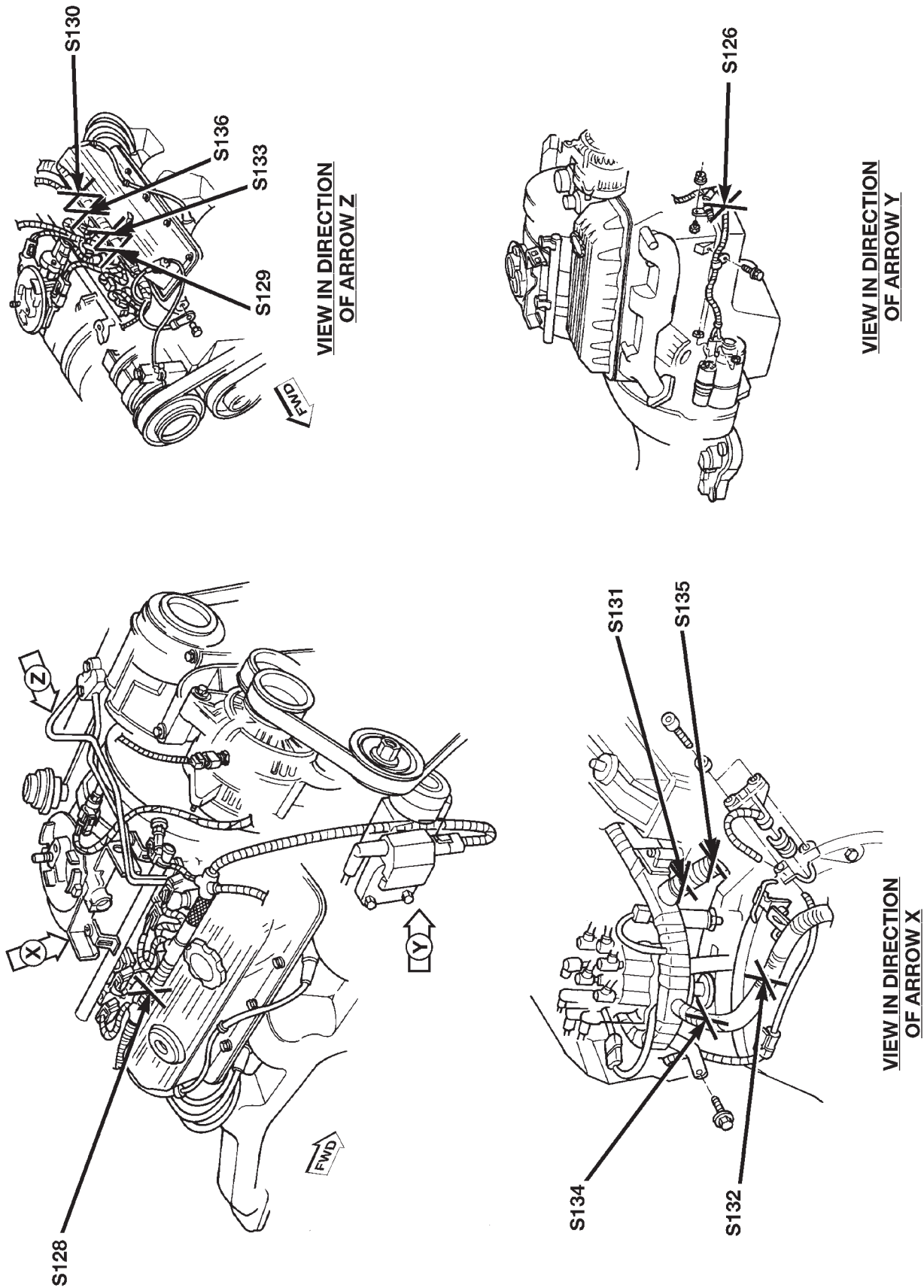
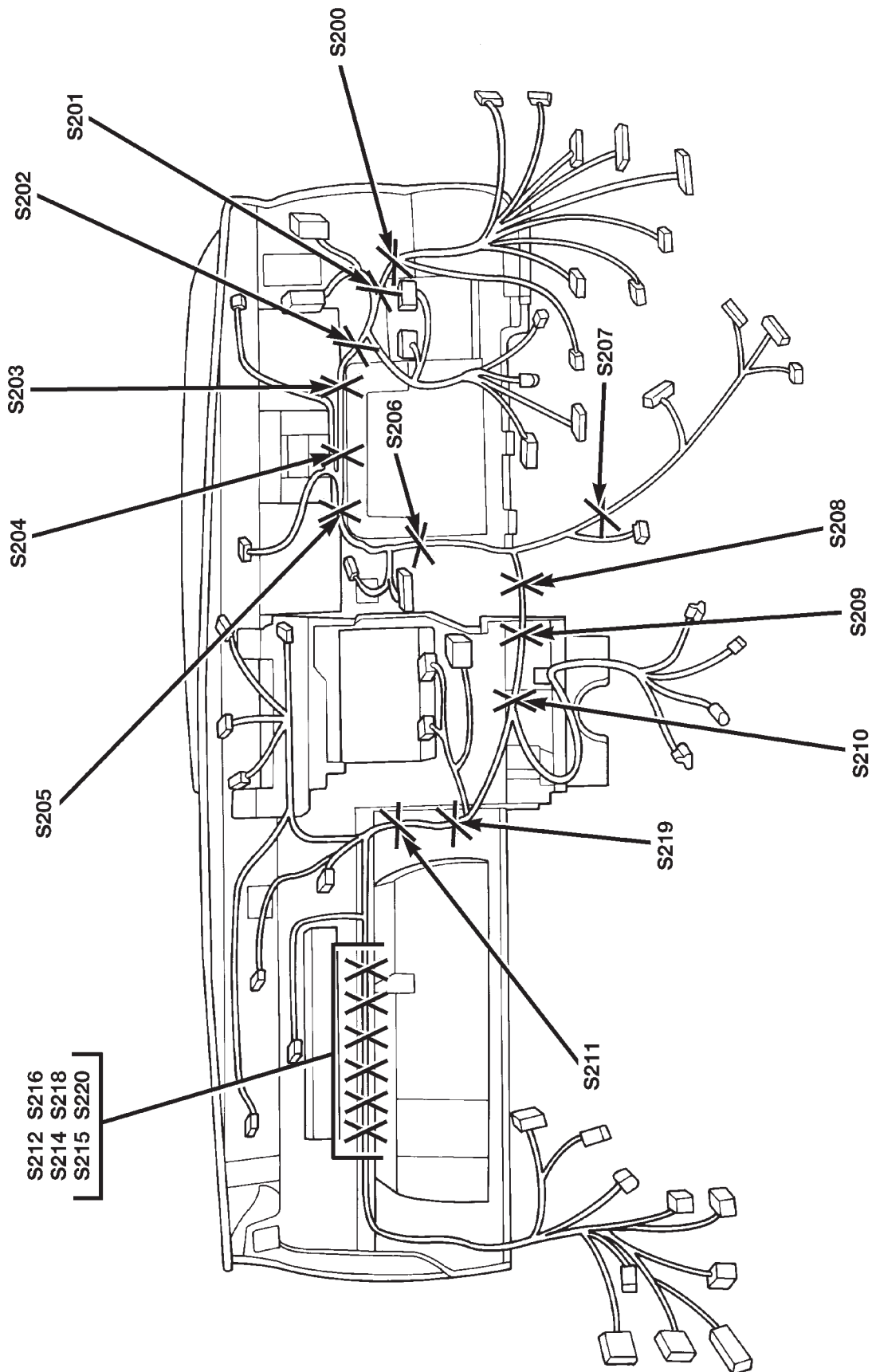


Fig. 3 Engine Wiring Splices—5.2L Engine

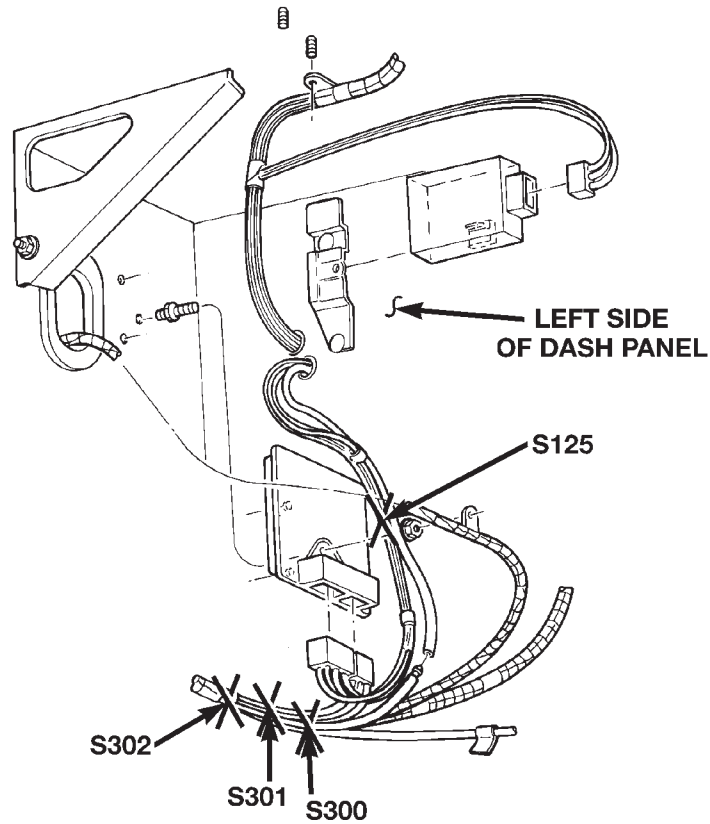
SCHEMATICS AND DIAGRAMS (Continued)



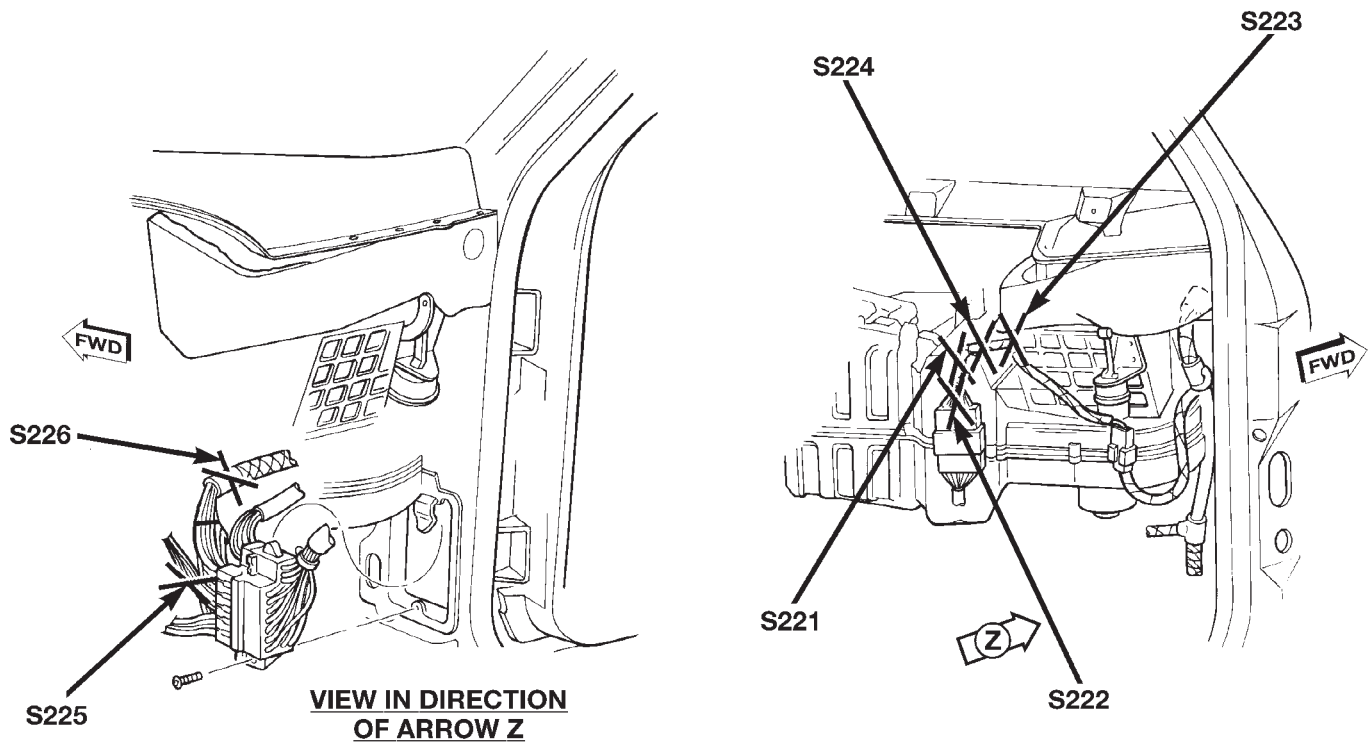
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Fig. 4 Instrument Panel Splices

SCHEMATICS AND DIAGRAMS (Continued)

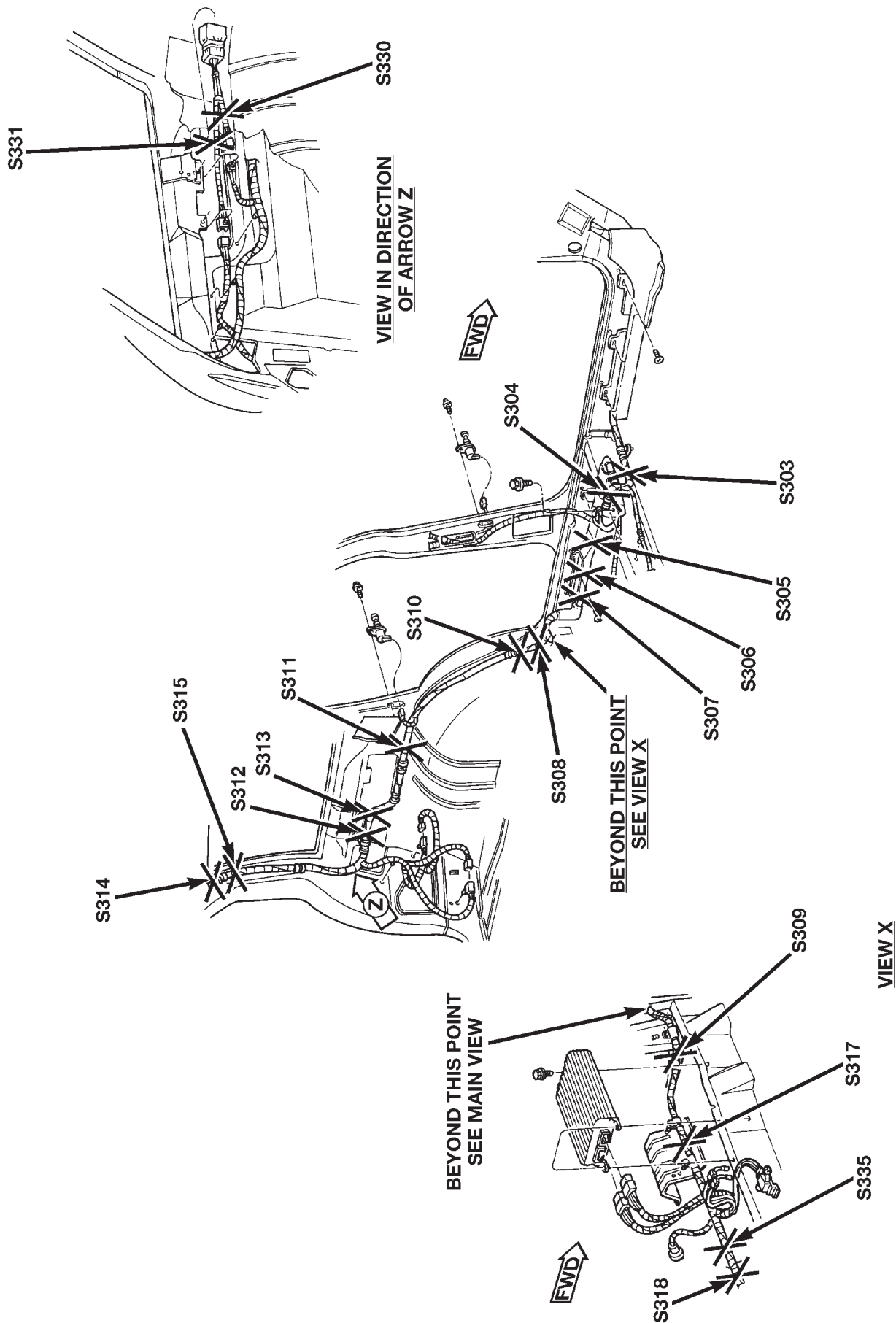
*Fig. 5 Body Splices*

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*Fig. 6 HVAC Harness Splices*

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SCHEMATICS AND DIAGRAMS (Continued)

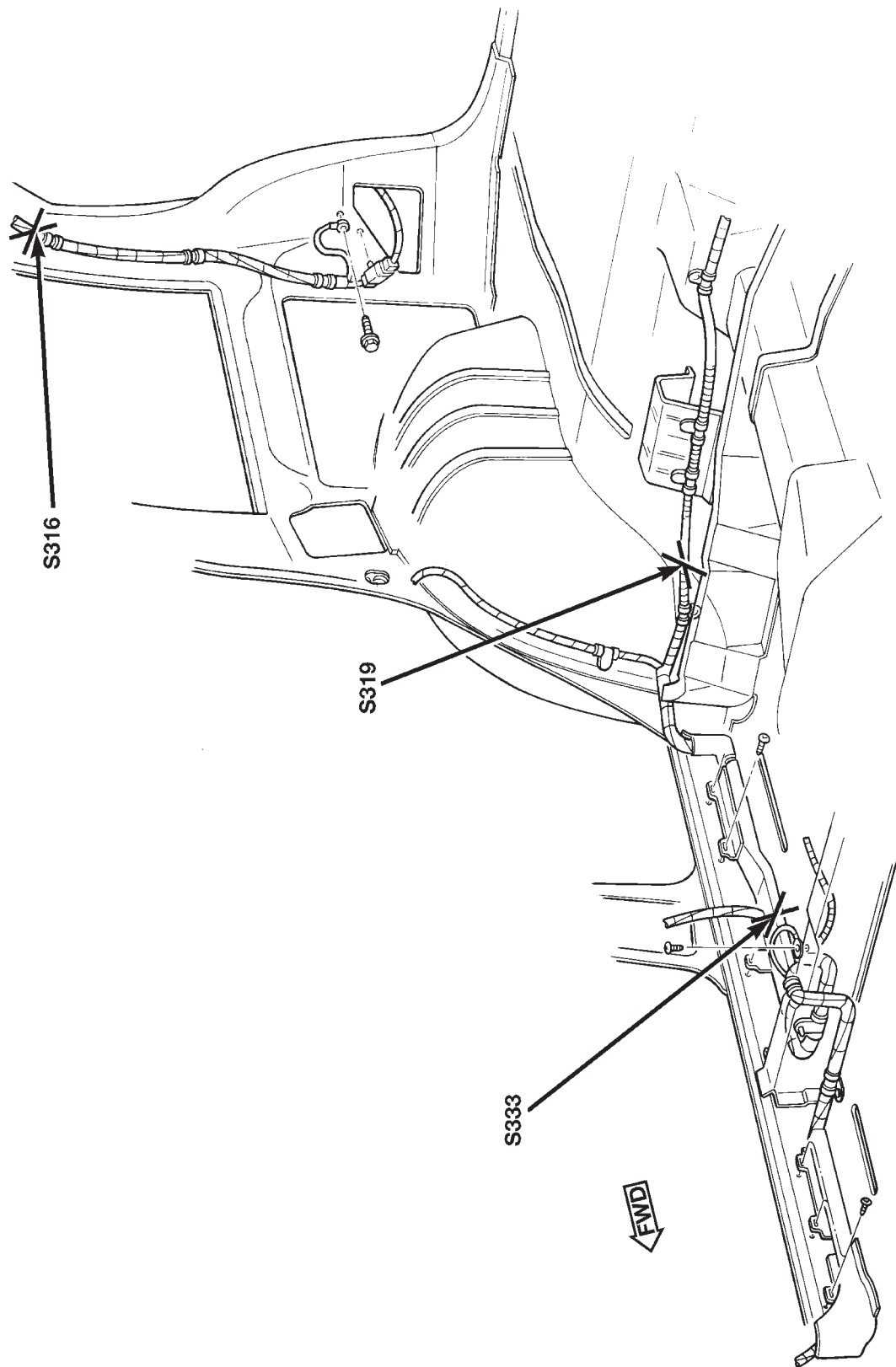


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Fig. 7 Left Body Side Wiring Splices

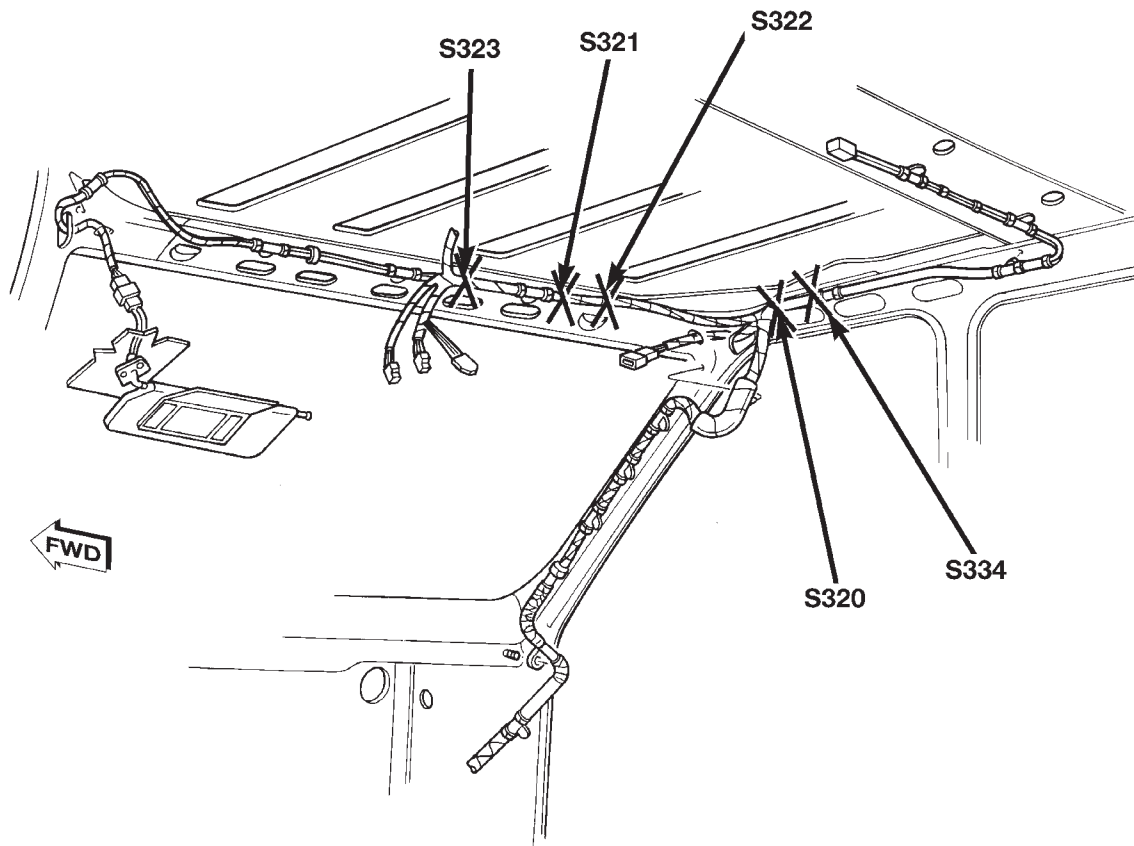
SCHEMATICS AND DIAGRAMS (Continued)

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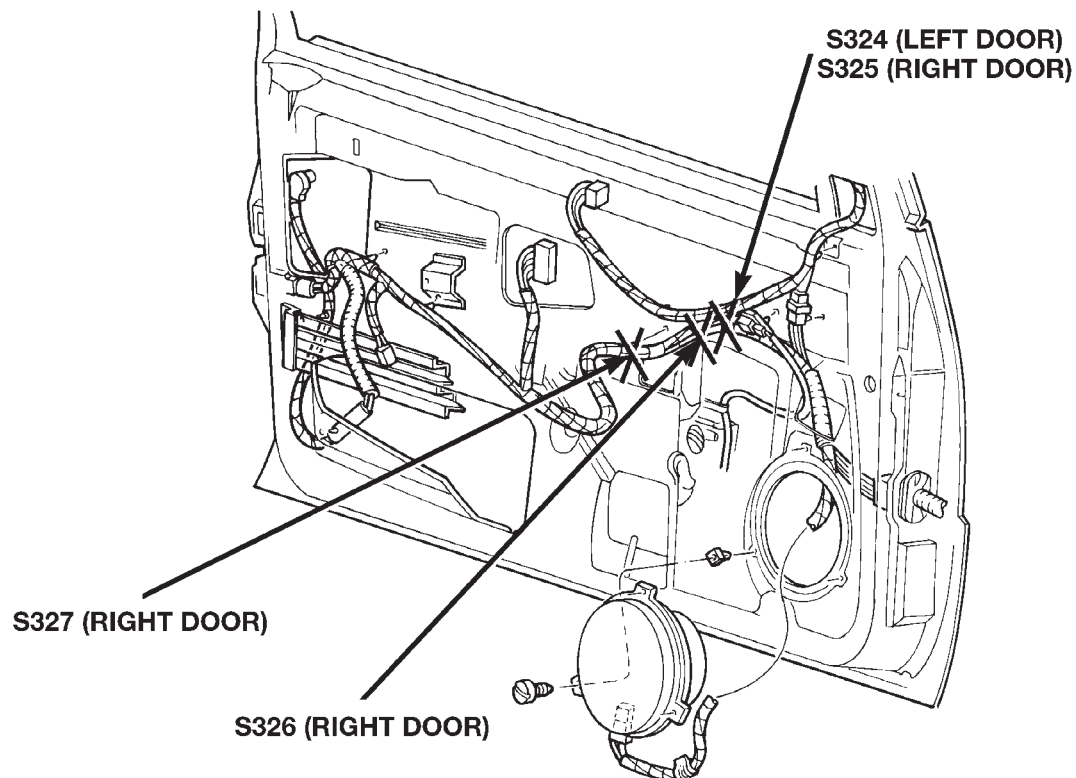
Fig, 8 Right Side Body Wiring Splices

SCHEMATICS AND DIAGRAMS (Continued)



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Fig. 9 Roof Wiring Splices



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Fig. 10 Front Door Harness Splices

SCHEMATICS AND DIAGRAMS (Continued)

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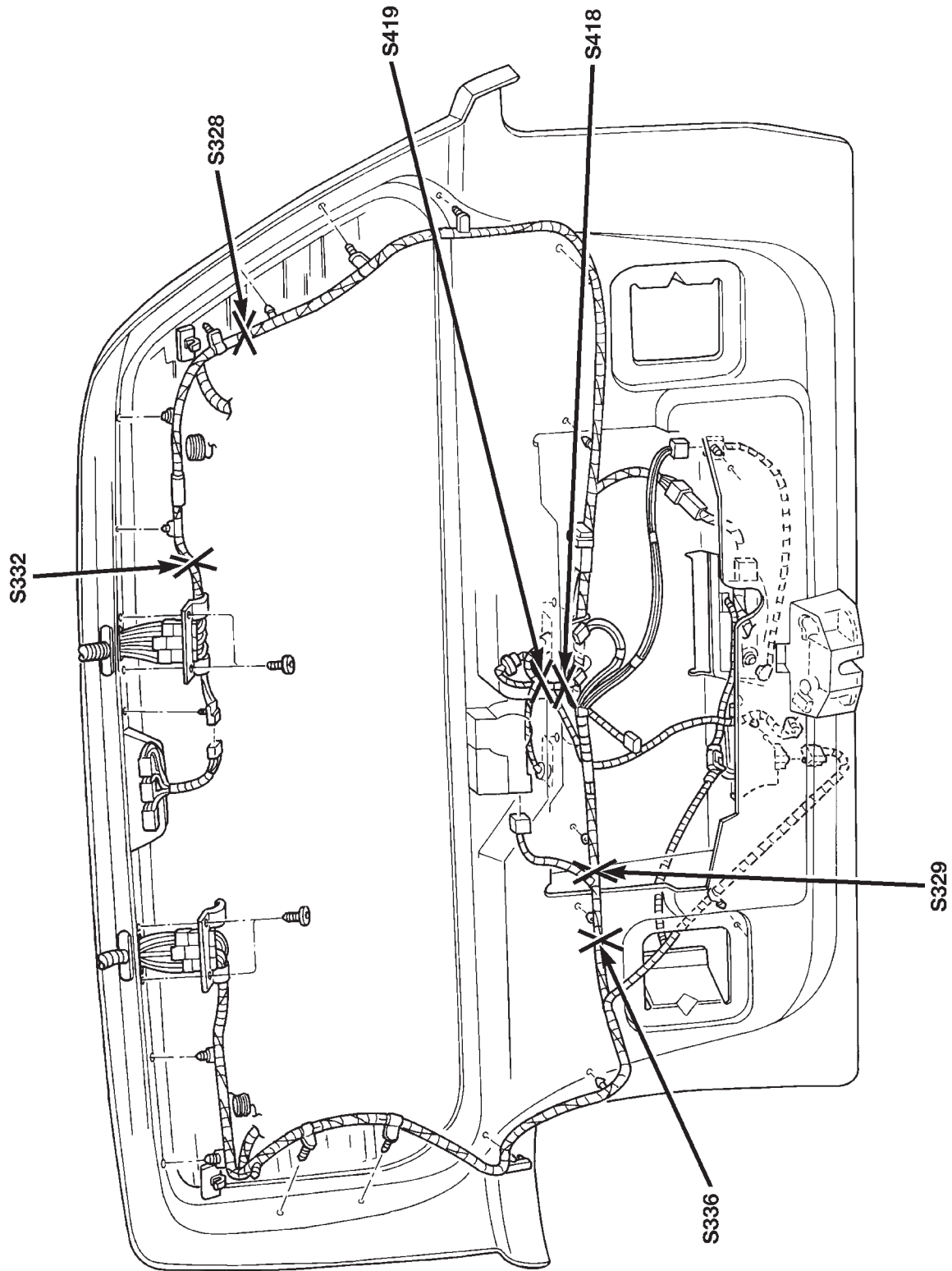


Fig. 11 Liftgate Splices