

CONNECTOR/GROUND/SPLICE LOCATION

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DESCRIPTION 1

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DESCRIPTION

This section provides illustrations identifying connector, ground, and splice locations in the vehicle. Connector, ground, and splice indexes are provided. Use the wiring diagrams in each section for connector, ground, and splice identification. Refer to the index for the proper figure number. For items that are not shown in this section N/S is placed in the Fig. column.

CONNECTORS

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Actuator-Blend Door-Driver	Gray	On HVAC Unit	40
Actuator-Blend Door-Passenger (Dual Zone)	Gray	On HVAC Unit	40
Actuator-Fuel Control (Diesel)	Black	Left Side of Engine	13
Actuator-Mode Door 1 (Panel to Floor)	Gray	On HVAC Unit	40
Actuator-Mode Door 2 (Defrost to Floor)	Gray	On HVAC Unit	40
Actuator-Recirculation Door	Gray	On HVAC Unit	N/S
Actuator-VGT (6.7L Diesel)	Lt Gray	Lower Right Front Engine	16
Airbag-Driver Squib 1	Black	On Steering Wheel	43
Airbag-Driver Squib 2	Brown	On Steering Wheel	43
Airbag-Passenger Squib	Yellow	Right Front of Instrument Panel	46
Airbag-Side Curtain-Left	Yellow	Top Left B-Pillar	58, 63
Airbag-Side Curtain-Right	Yellow	Top Right B-Pillar	61, 64
Amplifier-Radio C1	White	Top Center of Instrument Panel	46
Amplifier-Radio C2	White	Top Center of Instrument Panel	46
Antenna-Radio	-	At Antenna Base	48
Antenna-Satellite		Center Rear Roof	60
Antenna Cable-Radio	-	Right Kick Panel	48
Antenna Cable-Satellite		Behind Passenger Seat	59, 60
Assembly-EGR Valve	Black	Right Front Engine	11
Assembly-Line Pressure Sensor/Variable Force Solenoid	Black	Left Side Transmission	19
Assembly-Shift Motor/Mode Sensor	Dk Gray	Left Front Side of Transfer Case	21, 24, 26

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Assembly-Transmission Solenoid (RE)	Lt Brown	Left Side of Transmission	20
Assembly-Transmission Solenoid C1 (RC)		Left Side of Transmission	26
Assembly-Transmission Solenoid C2 (RC)		Left Side of Transmission	26
Assembly-Transmission Solenoid/Pressure Switch (RLE)	Lt Brown	Right Rear of Transmission	19
Assembly-Transmission Solenoid/TRS (RFE)	Black	Left Side of Transmission	21
Assembly-Transmission Throttle Valve		On Transmission	N/S
Assembly-Winch B(+) Eyelet		Behind Front Bumper	2
Assembly-Winch (Ground)		Behind Front Bumper	2
Auxiliary PDC Box (DC)		Left Rear Engine Compartment	34
Backlite-Heated (Ground)	Black	Right of Rear Window	65
Backlite-Heated (Power)	Black	Left of Rear Window	58, 63
Battery-Negative (Gas)	-	Left Engine Compartment	34, 2
Battery-Negative (Diesel Left Battery)	-	Left Engine Compartment	2
Battery-Negative (Diesel Right Battery)	-	Right Engine Compartment	N/S
Battery-Positive (Gas)	-	Left Engine Compartment	2, 34
Battery-Positive (Diesel Left)	-	Left Engine Compartment	2, 17
Battery-Positive (Diesel Right)	-	Right Engine Compartment	17
C102	Gray	Near Integrated Power Module	30, 34
C103	Black	Left Rear Engine Compartment	29, 39
C108	Black	Lower Rear Engine Compartment	14, 20, 26
C112 (Diesel)	Black	Left Side Engine	13
C116 (Diesel)	Blue	Left Side of Valve Cover	12, 14, 15
C117 (Diesel)	Blue	Left Side of Valve Cover	12, 14, 15
C129		Left Frame Rail Below Cab	32, 69
C130 (Except RC)	Black	Rear of Engine	6, 14, 29, 39
C130 (RC)	Black	Rear of Engine	27
C131 (GAS)	Black	Right Rear Engine Compartment	6, 29
C132 (Diesel)	Dk Gray	Rear Engine Compartment	39
C134 (Power Wagon)	Dk Gray	Left Rear Engine Compartment	32, 69
C135	Black	Left Rear Engine Compartment	32, 69
C136	Natural	Front of Left Instrument Panel	31, 58, 63
C137	Natural	Left Kick Panel	31
C138	Black	Left Front Engine Compartment	30
C139	Black	Rear Engine Compartment	29
C140	Dk Gray	Left Rear Engine	9

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
C145 (DC)		Lower Left Rear Engine Compartment	32, 69
C155 (RC)		Rear of Engine Compartment	27
C160		Left Side Engine Compartment	34, 35
C200	Lt Gray	Under Instrument Panel	46
C201	Lt Gray	Near Left Instrument Panel Speaker	46, 53
C206	Black	Right Instrument Panel	46, 65
C219	Gray	Left Side of Instrument Panel	31, 42, 46, 49
C220	Natural	Left Side of Instrument Panel	42, 46, 49, 58, 63
C221	Lt Gray	Left Upper Instrument Panel	46, 53
C301	White	Right Kick Panel	56, 62
C302	Natural	Left Front Door	56, 62
C304	White	Left Side of Instrument Panel	55, 63
C305	Natural	At Left Front Door	55, 63
C306	White	Middle Front of Door	57, 63
C308	Natural	Under Instrument Panel	46, 62
C311	Dk Gray	Left Rear of Frame	58, 63, 66
C313		At Driver Seat	66
C316	White	At Passenger Seat	66
C318		Center Console	N/S
C319	Lt Gray	Below Center Bench or Center Console	66
C320	Natural	Right Rear Door	57, 64
C323	Gray	Right Front Corner of Passenger Seat	67
C327	Black	Right Rear Fender	70, 71
C328	Black	Left Rear Fender	70, 71
C337	Natural	Left B-Pillar	58, 63
C339	Dk Gray	Under Right Front Seat	58, 64, 67
C340	Black	Center Headliner	54
Capacitor-Ignition	Black	Left Rear of Engine Compartment	6
Cluster C1	White	Rear of Instrument Cluster	50
Cluster C3	Gray	Rear of Instrument Cluster	50
Cluster C4	Gray	Rear of Instrument Cluster	50
Clutch-A/C Compressor (Diesel)	Black	Lower Right Front Engine	12, 16
Clutch-A/C Compressor (Gas)	Black	Top Front Engine	5, 8, 9
Coil-Ignition-No. 1	Black	Left Top Side of Intake Manifold	8, 9
Coil-Ignition-No. 2	Black	Right Top Side of Intake Manifold	5, 11
Coil-Ignition-No. 3	Black	Left Top Side of Intake Manifold	8, 9
Coil-Ignition-No. 4	Black	Right Top Side of Intake Manifold	5, 11

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Coil-Ignition-No. 5	Black	Left Top Side of Intake Manifold	7, 8, 9
Coil-Ignition-No. 6	Black	Right Top Side of Intake Manifold	5, 11
Coil-Ignition-No. 7	Black	Left Top Side of Intake Manifold	8, 9
Coil-Ignition-No. 8	Black	Right Top Side of Intake Manifold	5, 11
Control-A/C-Heater C1	Black	Center of Instrument Panel	47
Control-A/C-Heater C2	Black	Center of Instrument Panel	47
Data Link Connector	Black	Left Bottom of Instrument Panel	49
Data Link Connector - Engine (Diesel)	Black	Near T/O for Water In Fuel Sensor	N/S
Drive-Fan-Radiator	Dk Gray	Lower Front Engine Compartment	13, 37
Generator	Black	Front of Engine	8, 9, 10, 11, 12
Generator-Eyelet		Top Front of Engine	36
Heater-Fuel (Diesel)	Blue	Left Side Engine	12, 14
Heater-Intake Air No. 1 (Diesel)		On Engine	N/S
Heater-Intake Air No. 2 (Diesel)		On Engine	N/S
Heater-Seat Back-Driver	Black	Under Driver Seat	66
Heater-Seat Back-Passenger	Black	Under Passenger Seat	67
Heater-Seat Cushion - Driver	Green	Under Driver Seat	66
Heater-Seat Cushion - Passenger	Green	Under Passenger Seat	67
Horn-No. 1	Black	Left Front Fender	38
Horn-No. 2	Black	Left Front Fender	38
Injector-Fuel-No. 1 (Diesel)		Under Front of Valve Cover	15
Injector-Fuel-No. 1 (Gas)	Black	Left Top Engine	8, 9
Injector-Fuel-No. 2 (Diesel)		Under Front of Valve Cover	15
Injector-Fuel-No. 2 (Gas)	Black	Right Top Engine	5, 11
Injector-Fuel-No. 3 (Diesel)		Under Middle of Valve Cover	15
Injector-Fuel-No. 3 (Gas)	Black	Left Top Engine	8, 9
Injector-Fuel-No. 4 (Diesel)		Under Middle of Valve Cover	15
Injector-Fuel-No. 4 (Gas)	Black	Right Top Engine	5, 11
Injector-Fuel-No. 5 (Diesel)		Under Rear of Valve Cover	15
Injector-Fuel-No. 5 (Gas)	Black	Left Top Engine	8, 9
Injector-Fuel-No. 6 (Diesel)		Under Rear of Valve Cover	15
Injector-Fuel-No. 6 (Gas)	Black	Right Top Engine	5, 11
Injector-Fuel-No. 7 (Gas)	Black	Left Top Engine	8, 9
Injector-Fuel-No. 8 (Gas)	Black	Right Top Engine	5, 11
Lamp-Back Up-Left		Left Rear Body	69
Lamp-Back Up-Right		Right Rear Body	69

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Lamp-Bar-Tailgate	Black	At Tailgate	70
Lamp-Center Bezel	Black	Center Stack	47
Lamp-Center Console		Lower Bucket of Center Console	N/S
Lamp-CHMSL-Aftermarket		Left Rear Chassis	70
Lamp-Clearance No. 1	Black	Left Roof	65
Lamp-Clearance No. 2	Black	Left-Center Roof	65
Lamp-Clearance No. 3	Black	Center Roof	65
Lamp-Clearance No. 4	Black	Right-Center Roof	65
Lamp-Clearance No. 5	Black	Right Roof	65
Lamp-Dome-Rear	Black	Center of Headliner	53
Lamp-Fender-Front Left (Dual Wheels)	Black	Front of Left Rear Fender	71
Lamp-Fender-Front Right (Dual Wheels)	Black	Rear of Left Rear Fender	71
Lamp-Fender-Rear Left (Dual Wheels)	Black	Front of Right Rear Fender	71
Lamp-Fender-Rear Right (Dual Wheels)	Black	Rear of Right Rear Fender	71
Lamp-Fog-Left Front	Gray	Left Front Fascia	N/S
Lamp-Fog-Right Front	Gray	Right Front Facial	N/S
Lamp-Glove Box	Black	At Glove Box	46
Lamp-Headlamp-Left	Dk Green	At Headlamp	30
Lamp-Headlamp-Right	Dk Green	At Headlamp	3, 29
Lamp-High Mounted Stop/Cargo	White	Rear of Cab	53, 68
Lamp-License-Left	Black	At Rear Bumper	69, 70
Lamp-License-Right	Black	At Rear Bumper	69, 70
Lamp-Park/Turn-Left Front	Brown	At Lamp	30
Lamp-Park/Turn-Right Front	Brown	At Lamp	3, 29
Lamp-Reading-Front	Black	Center of Headliner	53
Lamp-Side Marker-Left Front	Black	Left Front Engine Compartment	30
Lamp-Side Marker-Right Front	Black	Right Front Engine Compartment	3, 29
Lamp-Tail/Stop/Turn-Left	Black	Left Rear Pickup Box	69, 70
Lamp-Tail/Stop/Turn-Right	Black	Right Rear Pickup Box	69, 70
Lamp-Underhood	Black	Left Hood	38
Lamp-Vanity-Left	Black	Left Headliner	53
Lamp-Vanity-Right	Black	Right Headliner	53
Latch-Door-Driver	Black	Left Front Door	55
Latch-Door-Left Rear	Black	Left Rear Door	57
Latch-Door-Passenger	Black	Right Front Door	56
Latch-Door-Right Rear	Black	Right Rear Door	57
Media System-Monitor/DVD	Black	Center Headliner	54

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Mirror-Inside Rearview C1	Black	Top Center of Windshield	65
Mirror-Inside Rearview C2	Black	Top Center of Windshield	65
Mirror-Outside Rearview-Driver	Black	At Mirror	55
Mirror-Outside Rearview-Passenger	Black	At Mirror	56
Module-Anti-Lock Brakes		Left Fender Side Shield	30, 32
Module-Axle Disconnect-Front	Dk Gray	Lower Right Engine Compartment	35
Module-Brake Provision	Blue	Left Kick Panel	31
Module-Electronic Overhead	Black	In Overhead Console	53
Module-Engine Control C1	Black	Left Engine	12, 13, 18
Module-Engine Control C2	Black	Left Engine	13, 18
Module-Final Drive Control		Right Front Engine Compartment	28, 29
Module-Fuel Pump	Lt Gray	At Fuel Tank	69
Module-Hands Free	Dk Gray	Right Instrument Panel	46
Module-Occupant Restraint Controller C1		Left Fender Side Shield	51
Module-Occupant Restraint Controller C2		Left Fender Side Shield	58, 63
Module-Powertrain Control C1	Black	Right Rear Engine Compartment	6
Module-Powertrain Control C2	Black/Orange	Right Rear Engine Compartment	6
Module-Powertrain Control C3	Black/Natural	Right Rear Engine Compartment	29
Module-Powertrain Control C4	Black/Green	Right Rear Engine Compartment	6
Module—Remote Throttle Position (6.7L Diesel)	Lt Gray	Lower Left Rear Engine Compartment	14
Module-Sentry Key Remote Entry	Black	On Steering Column	41, 42, 47
Module—Steering Control C1	White	Steering Column	42, 47
Module—Steering Control C2	Yellow	On Steering Wheel	43, 47
Module—Steering Control C3	Yellow	On Steering Wheel	43
Module—Steering Control C4	White	Steering Column	42
Module-Totally Integrated Power C1	Lt Gray	Left Front Fender	33
Module-Totally Integrated Power C2	Black	Left Front Fender	33
Module-Totally Integrated Power C3	Black	Left Front Fender	33
Module-Totally Integrated Power C4	Lt Gray	Left Front Fender	33
Module-Totally Integrated Power C5	Black	Left Front Fender	33
Module-Totally Integrated Power C6	Brown	Left Front Fender	33
Module-Totally Integrated Power C7	Blue	Left Front Fender	33
Module-Totally Integrated Power C8	Brown	Left Front Fender	33
Module-Totally Integrated Power C9	Blue	Left Front Fender	33
Module-Totally Integrated Power C10	Lt Gray	Left Front Fender	33
Module-Totally Integrated Power Eyelet	-	Right Side of TIPM	34

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Module-Transmission Control C1		Below Left Instrument Panel	31
Module-Transmission Control C2		Below Left Instrument Panel	31
Module-Transmission Control C3		Below Left Instrument Panel	31
Motor-Adjustable Pedals	Lt Gray	Left of Instrument Panel	49
Motor-Blower	Black	Behind Right Side of Instrument Panel	40
Motor-Condenser Fan	Black	Near Condenser	31
Motor-IAC (4.7L)	Black	On Throttle Body	8
Motor-Power Sliding Backlite		Below Center of Backlite	64
Motor-Seat Adjuster-Driver Horizontal	Black	At Driver Seat	66
Motor-Seat Adjuster-Front Driver Vertical	Black	At Driver Seat	66
Motor-Seat Adjuster-Front Passenger Vertical	Black	At Passenger Seat	67
Motor-Seat Adjuster-Passenger Horizontal	Black	At Passenger Seat	67
Motor-Seat Adjuster-Rear Driver Vertical	Black	At Driver Seat	66
Motor-Seat Adjuster-Rear Passenger Vertical	Black	At Passenger Seat	67
Motor-Window-Driver	Black	In Passenger Door at Motor	55
Motor-Window-Left Rear	Black	In Door at Motor	57
Motor-Window-Passenger	Black	In Passenger Door at Motor	56
Motor-Window-Right Rear	Black	In Door at Motor	57
Motor-Windshield Wiper		Left Side of Cowl	30, 32
Motor/Module-Sunroof		Center Headliner	N/S
Port-Diagnostic (6.7L Diesel)		Left Rear Engine Compartment	14
Port-Upfitters		Below Left Instrument Panel	31
Power Outlet-Cigar Lighter	Gray	Rear of Cigar Lighter	44, 47
Power Outlet-Console	Gray	In Center Console	N/S
Power Outlet-Instrument Panel	Gray	Center of Instrument Panel	47
Power Outlet-Lower Console		Lower Bucket of Center Console	N/S
Pump-Fuel Injection (Diesel)	Black	Left Side Engine	12, 18
Pump-Washer-Windshield	Black	At Washer Fluid Reservoir	29
Radio C1 (Base)	Black	Rear of Radio	47
Radio C1 (Premium)	Black	Rear of Radio	47
Radio C2 (Premium)	Gray	Rear of Radio	47
Receiver-Satellite	Black	Rear Cab Floor	46
Receiver-Satellite Antenna		At Receiver on Rear Cab Floor	59
Relay-Intake Air Heater	-	Right Engine Compartment	4

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Relay-Turbo Shutdown		Front of Battery Tray	33
Resistor-Blower Motor	Black	Behind Right Side of Instrument Panel	40
Seat Belt-Tension Reducer-Driver	Natural	Left B-Pillar	58
Seat Belt-Tensioner-Driver	Black	Left B-Pillar	58, 63
Seat Belt-Tensioner-Passenger	Black	Right B-Pillar	61, 64
Sensor-Accelerator Pedal Position	Black	Under Battery Tray	31
Sensor-Ambient Air Temperature	Black	Left Rear of Hood	30
Sensor-Battery Temperature	Black	Below Battery Tray	30, 32
Sensor-Brake Fluid Level	Black	Near Master Cylinder	32
Sensor-Camshaft Position (Diesel)	Natural	Lower Left Front Engine	13
Sensor-Camshaft Position (Gas)	Gray	Right Front Side of Engine	5, 11
Sensor—Crankcase (6.7L Diesel)	Lt Gray	Top of Valve Cover	14
Sensor-Crankshaft Position (Diesel)	Natural	Lower Left Front Engine	13
Sensor-Crankshaft Position (Gas)	Black	Right Rear of Engine Block	5, 11, 19
Sensor-Dynamics		Front Center of Body	52
Sensor-EGR Orifice Temperature (6.7L Diesel)	Black	Top Left Front Engine	14
Sensor-Engine Coolant Temperature (Diesel)	Black	Top Right Front Engine	13
Sensor-Engine Coolant Temperature (Gas)	Black	Front of Engine	8, 11
Sensor-Engine Oil Pressure (5.7L Light Duty)	Black	Lower Right Front Engine	11
Sensor-Engine Oil Temperature	Black	Lower Right Front Engine	11
Sensor-Evaporator Temperature	Black	Right Side of HVAC	40
Sensor-Exhaust Outlet Temperature (Diesel)		Exhaust Pipe downstream of Catalytic Converter	26
Sensor-Exhaust Pressure (6.7L Diesel)	Lt Gray	Upper Right Front Engine	13
Sensor-Front Impact-Left	Yellow	Left Front Engine Compartment	30
Sensor-Front Impact-Right	Yellow	Right Front Engine Compartment	29
Sensor—Fuel Rail Pressure (6.7L Diesel)	Black	Left Rear Top of Engine	14
Sensor-Input Speed	Black	Left Side of Transmission	19, 21, 26
Sensor-Intake Air Temperature	Dk Gray	On Intake Manifold	7, 9, 11
Sensor-Knock (4.7L)	Black	Left Rear of Engine	7
Sensor-Knock No. 1 (3.7L/5.7L)	Black	Left Rear of Engine	9, 19, 22
Sensor-Knock No. 2 (3.7L/5.7L)	Black	Right Rear of Engine	11, 19, 22
Sensor-Line Pressure	Black	Right Rear of Transmission	23
Sensor-MAP	Gray	Left Front of Intake Manifold	8, 9, 11
Sensor-Mass Air Flow (6.7L Diesel)	Black	On Air Cleaner Housing	13

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Sensor-Output Speed	Black	Left Side of Transmission	19, 20, 21, 26
Sensor-Oxygen-Left Front (3.7L)	Black	Left Front of Side of Transmission	19, 22
Sensor-Oxygen-Left Front (4.7L)	Black	Left Front of Side of Transmission	21, 22
Sensor-Oxygen-Left Front (5.7L/Diesel)	Black	Left Front of Side of Transmission	21, 24
Sensor-Oxygen-Left Rear (3.7L)	Black	Left Front of Side of Transmission	19, 22
Sensor-Oxygen-Left Rear (4.7L)	Black	Left Front of Side of Transmission	21, 22
Sensor-Oxygen-Left Rear (5.7L/Diesel)	Black	Left Front of Side of Transmission	21
Sensor-Oxygen-Right Front (3.7L)	Black	Left Front of Side of Transmission	19, 22
Sensor-Oxygen-Right Front (4.7L)	Black	Left Front of Side of Transmission	22
Sensor-Oxygen-Right Front (5.7L/Diesel)	Black	Left Front of Side of Transmission	23
Sensor-Oxygen-Right Rear (3.7L)	Black	Left Front of Side of Transmission	19, 22
Sensor-Oxygen-Right Rear (4.7L)	Black	Left Front of Side of Transmission	22
Sensor-Oxygen-Right Rear (5.7L/Diesel)	Black	Left Front of Side of Transmission	23, 24
Sensor-Post-Catalytic Temperature		Exhaust Pipe Rear of Catalytic Converter	26
Sensor-Pre-Catalytic Temperature		Exhaust Pipe Front of Catalytic Converter	26
Sensor-Prop Shaft Speed-Front (Full Time ETC)		Top of Transfer Case	21
Sensor-Prop Shaft Speed-Rear (Full Time ETC)		Top of Transfer Case	21
Sensor-Seat Track Position-Driver	Gray	Right Rear Bottom of Driver Seat	66
Sensor-Side Impact-Left 1	Yellow	Left B-Pillar	58, 63
Sensor-Side Impact-Right 1	Yellow	Right B-Pillar	61, 64
Sensor-Soot Delta Pressure (6.7L Diesel)		Rear of Transmission	25, 26
Sensor—Steering Angle		Left of Steering Column	42
Sensor-Temperature/Pressure-Intake	Black	Right Side Engine	4, 12
Sensor-Temperature/Pressure Intake (6.7L Diesel)	Dk Gray	On Air Cleaner Housing	13
Sensor-Temperature/Pressure MAP (6.7L Diesel)	Dk Gray	Left Upper Rear Engine	14
Sensor-Throttle Position (4.7L)	Natural	Throttle Body	8
Sensor-Transfer Case Position (Manual Transfer Case)	Black	Top of Transfer Case	22, 25
Sensor-Transmission Range	Black	Left side of Transmission	19, 20, 26
Sensor-Transmission Temperature		Right Side of Transmission	26
Sensor-Turbo Speed (6.7L Diesel)	Black	Lower Right Front Engine	16
Sensor-Water In Fuel (Diesel)	Pink	Left Side Engine at Bottom of Canister	14, 18
Sensor-Wheel Speed-ABS-Left Front	Black	Left Rear Lower Side of Engine Compartment	38

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Sensor-Wheel Speed-ABS-Left Rear	Black	Near Left Rear Wheel	70
Sensor-Wheel Speed-ABS-Rear	Black	Top of Rear Differential	70
Sensor-Wheel Speed-ABS-Right Front	Black	Right Rear Lower Side of Engine Compartment	29
Sensor-Wheel Speed-ABS-Right Rear	Black	Near Right Rear Wheel	70
Servo-Speed Control	Black	Left Front Side of Engine Compartment	32
Solenoid-Brake Transmission Shift Interlock	Black	Near Steering Column	42, 47
Solenoid-Evap/Purge	Black	Left Fender Side Shield	32
Solenoid-Locker-Front	Black	Left Rear Engine	36
Solenoid-Locker-Rear	Black	At Rear Differential	70
Solenoid-Multiple Displacement No. 1	Black	Top of Engine	N/S
Solenoid-Multiple Displacement No. 4	Black	Top of Engine	N/S
Solenoid-Multiple Displacement No. 6	Black	Top of Engine	N/S
Solenoid-Multiple Displacement No. 7	Black	Top of Engine	N/S
Solenoid-Wastegate		Right Front Engine	12
Speaker-Instrument Panel-Center	White	Center of Instrument Panel	46, 47
Speaker-Instrument Panel-Left	Black	Left Side of Instrument Panel	46
Speaker-Instrument Panel-Right	Black	Right Side of Instrument Panel	46
Speaker-Left Front Door	White	In Left Front Door	55
Speaker-Left Rear (Standard Cab)	White	In Lower Left B-Pillar	58
Speaker-Left Rear (Quad Cab)	White	In Left Rear Door	57
Speaker-Right Front Door	White	In Right Front Door	56
Speaker-Right Rear (Standard Cab)	White	In Lower Right B-Pillar	61
Speaker-Right Rear (Quad Cab)	White	In Right Rear Door	57
Starter (Diesel)	Lt Gray	Left Lower Rear Engine	14
Starter (Gas)	Natural	Left Engine	36
Starter—Eyelet (Diesel)	—	Left Lower Rear Engine	14
Starter-Eyelet (Gas)	-	Left Rear of Engine	36
Switch-Adjustable Pedals	Blue	Left of Instrument Panel	44, 50
Switch-Backup Lamp	Black	Left Rear of Transmission	22, 24, 25
Switch-Clutch Interlock	Green	At Clutch Pedal	31
Switch-Clutch Interlock/Upstop (6.7L Diesel)		Below Left Instrument Panel	31
Switch-Disconnecting Stabilizer Bar		Bottom of Center Stack	N/S
Switch-Door Lock-Passenger	Natural	In Right Front Door	56
Switch-ESP		Center Stack	47
Switch-Evap System Monitor	Black	Near Fuel Tank at Evap Canister	23, 69
Switch-Exhaust Brake		Center Stack	47

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Switch-Headlamp	Black	Left Side of Instrument Panel	44, 50
Switch-Heated Seat-Driver	Dk Gray	Center of Instrument Panel	45, 47
Switch-Heated Seat-Passenger	Green	Center of Instrument Panel	45, 47
Switch-Hood Ajar	Black	Right Front Engine Compartment	29
Switch-Horn	White	In Steering Wheel	N/S
Switch-Ignition	Black	Steering Column	47
Switch-Multifunction	Black	On Steering Column	42, 47
Switch-Oil Pressure	Black	Lower Left Side of Engine	8, 11, 12, 14,
Switch-Parking Brake	Gray	At Park Brake	31
Switch-Passenger Airbag On/Off	Black	Right Side of Instrument Panel	45, 47
Switch-Power Sliding Backlite		Center Stack	45, 47
Switch-Power Steering Pressure	Black	Near Power Steering Pump	9
Switch-Power Window-Left Rear	Blue	In Door	57
Switch-Power Window-Passenger	Blue	Passenger Door	56
Switch-Power Window-Right Rear	Blue	In Door	57
Switch-PTO		Near G107	N/S
Switch-Remote Radio-Left	Black	At Steering Wheel	43
Switch-Remote Radio-Right	Black	At Steering Wheel	43
Switch-Seat-Driver	Black	At Driver Seat	N/S
Switch-Seat-Passenger	Black	At Passenger Seat	N/S
Switch-Seat Belt-Driver	Dk Gray	Left B-Pillar	66
Switch-Speed Control-Left	Black	At Steering Wheel	N/S
Switch-Speed Control-Right	Black	At Steering Wheel	N/S
Switch-Stop Lamp	Black	Top of Brake Pedal Arm	41
Switch-Sunroof	Black	Front Center of Headliner	53
Switch-Tow/Haul Overdrive	Natural	Center of Instrument Panel	47
Switch-Transfer Case Selector	Black	Center of Instrument Panel	20, 45, 47
Switch-Washer Fluid Level	Lt Gray	At Reservoir	29
Switch-Winch		Behind Front Bumper	1
Switch-Window/Door Lock-Driver C1	Blue	In Left Front Door	55
Switch-Window/Door Lock-Driver C2	Blue	In Left Front Door	55
Throttle Body	Black	Top of Engine	8, 10, 11
Transducer-A/C Pressure (Diesel)	Lt Gray	Lower Right Front of Engine at A/C Compressor	12, 16
Transducer-A/C Pressure (Gas)	Gray	Top Front of Engine at A/C Compressor	8, 9
Upfitter Accessories-Chassis		Left Rear Chassis Frame Rail Near Tail lamp T/O	N/S

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Upfitter Accessories-Engine Compartment		Left Rear Engine Compartment	32
Upfitter Accessories-Upfitter Jumper		Part of Upfitter's Kit in Glove Box	N/S
Valve—EGR (6.7L Diesel)	Black	Left Top Engine	14
Wiring-Trailer Tow 4-Way		Left Rear Chassis	69, 70
Wiring-Trailer Tow 7-Way	Black	At Trailer Hitch	69, 70
Wiring-Trailer Tow (Box Off)	Black	At Trailer Hitch	70

GROUNDS

GROUND NUMBER	LOCATION	FIG.
G100	Battery Ground - Left Front Engine	34
G101	Battery Ground - Left Front Engine	18, 13, 36
G102	Battery Ground - Left Front Chassis	18, 36
G104	Left Front Engine Compartment	30
G105	Right Battery Ground Cable on Right Side of Engine	N/S
G106	Left Rear Engine Compartment	30
G107	Right Rear Engine Compartment	6
G108	Diesel Auxiliary Battery Ground	N/S
G109	Diesel Auxiliary Battery Ground	N/S
G111	Right Engine Compartment Near Right Battery Negative Post	17
G114 (Diesel)	Right Side Engine Compartment	12
G120	Left Side Engine	12, 14,
G121	Left Side Engine	12, 14,
G201	Left Instrument Panel	46
G202	Center of Instrument Panel	46
G203	Right Side of Instrument Panel	46
G301	Left Front Body	58, 63
G302	Left Front Body	58, 63
G303	Below Right Side of Rear Window	65
G304	Center Body	58, 63

SPLICES

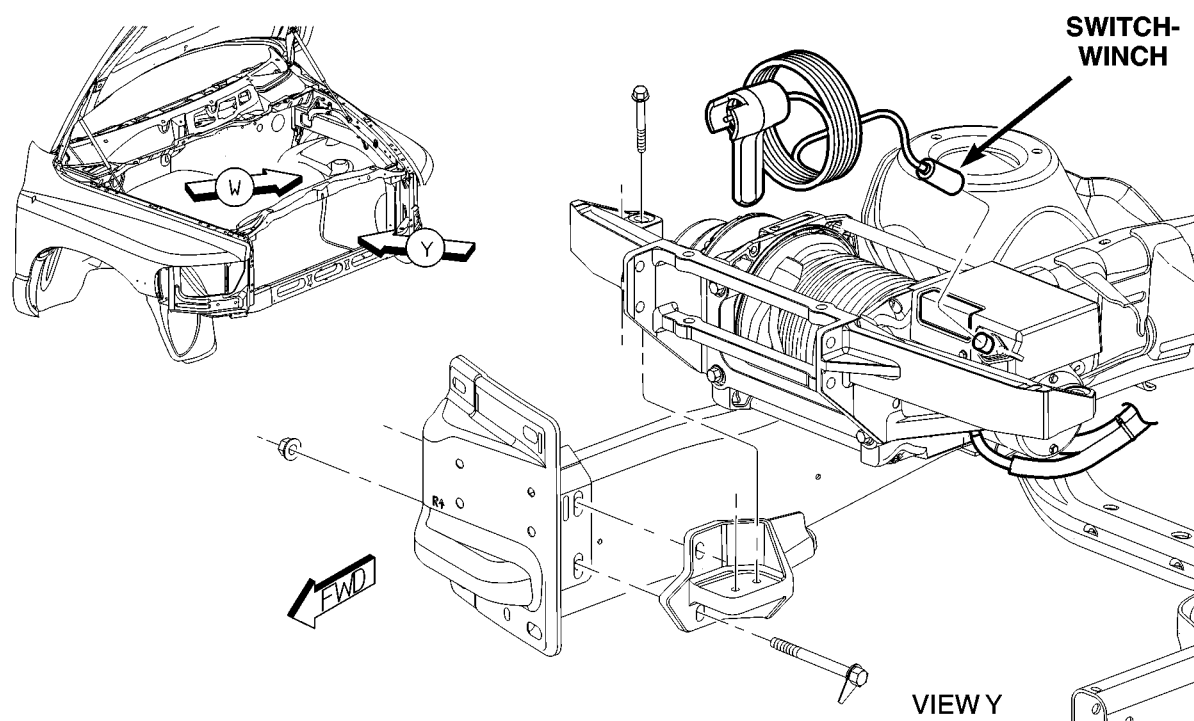
SPLICE NUMBER	LOCATION	FIG.
S011	Right Engine Compartment	30
S012	Right Engine Compartment	30
S016	Left Rear Engine Compartment	30
S020	Right Engine Compartment	30

SPLICE NUMBER	LOCATION	FIG.
S021	Rear Engine Compartment	27
S022	Right Engine Compartment	30
S023	Right Rear Engine Compartment	30
S024	Right Engine Compartment	30
S025	Right Rear Engine Compartment	30
S026	Right Rear Engine Compartment	30
S030	Left Rear Engine	14
S031	Left Rear Engine	14
S032	Left Side Engine	14
S033	Left Side Engine	14
S040	Right Front Engine	13
S041	Right Front Engine	13
S042	Left Front Engine	13
S043	Left Front Engine	13
S044	Left Front Engine	13
S045	Left Side Engine	13
S046	Left Side Engine	13
S100	Lower Right Rear Engine Compartment in Final Drive Control Module T/O	28
S102 (DC)	Left Side Engine Compartment	32
S102 (DR)	Left Side Engine Compartment	30
S103	Left Rear of Engine Compartment	30, 39
S104	Front Fascia in Fog Lamp Jumper	N/S
S105	Front Fascia	N/S
S106	Left Rear of Engine Compartment	30, 39
S109	Rear of Transmission Near Post-Catalytic Temperature Sensor T/O	26
S110	Left Rear Engine Compartment	34
S111	Left Rear Engine Compartment	32
S112	Right Rear of Engine	5, 6
S115	Left Rear of Engine Compartment	N/S
S119	Rear of Engine	11
S120	Left Front Fender	30
S121	Left Rear Engine Compartment	30, 39
S123 (Gas)	Left Rear Engine Compartment	30
S123 (Diesel)	Left Side Engine Compartment	30, 39
S125	Right Rear of Engine Compartment	6
S132 (3.7L/4.7L)	Rear of Engine	5

SPLICE NUMBER	LOCATION	FIG.
S132 (5.7L)	In T/O for PCM	6
S133	Left Rear of Engine	6, 20
S136	Left Front Fender	30
S137	Left Rear of Engine Compartment	29
S139	Rear Engine Compartment	29
S142 (3.7L/4.7L)	Left Side of Engine	5
S142 (5.7L)	Right Side Engine	11
S144	Top Front of Transmission	20
S145	Left Front Fender	30
S148	Top Front of Transmission	5, 11
S149	Left Rear of Engine	8
S150	Top Center of Engine	6
S154	In T/O for PCM C1	6
S159	Near T/O for Engine Control Module	N/S
S164	Left Front Engine	13, 18
S165	Left Front Engine	13, 18
S168	Right Rear of Engine	5, 11
S169	Right Rear of Engine	5, 11
S170	In T/O for Engine Control Module C1	12, 18
S173 (Diesel)	Left Front Engine	13
S176	Left Side Engine Near T/O for Fuel Control Actuator	12
S178	In T/O for PCM C1	6
S180	Left Front Diesel Engine	12
S185	Left Rear Engine Compartment	30
S189	Left Front Engine	12
S190	Top of Engine on MDS Jumper	N/S
S191	Left Rear Engine Compartment	34
S192	Rear Engine Compartment	27
S194	Left Front Engine Compartment	30
S199	On Intake Air Heater Jumper	N/S
S200	Left Instrument Panel	42
S201	Left Side of Instrument Panel	46
S202	Left Side of Instrument Panel	46
S203	Left Side of Instrument Panel	46
S204	Left Side of Instrument Panel	46, 50
S205	Left Side of Instrument Panel	46
S209	Left of Instrument Panel	46
S211	Left Center Instrument Panel	46

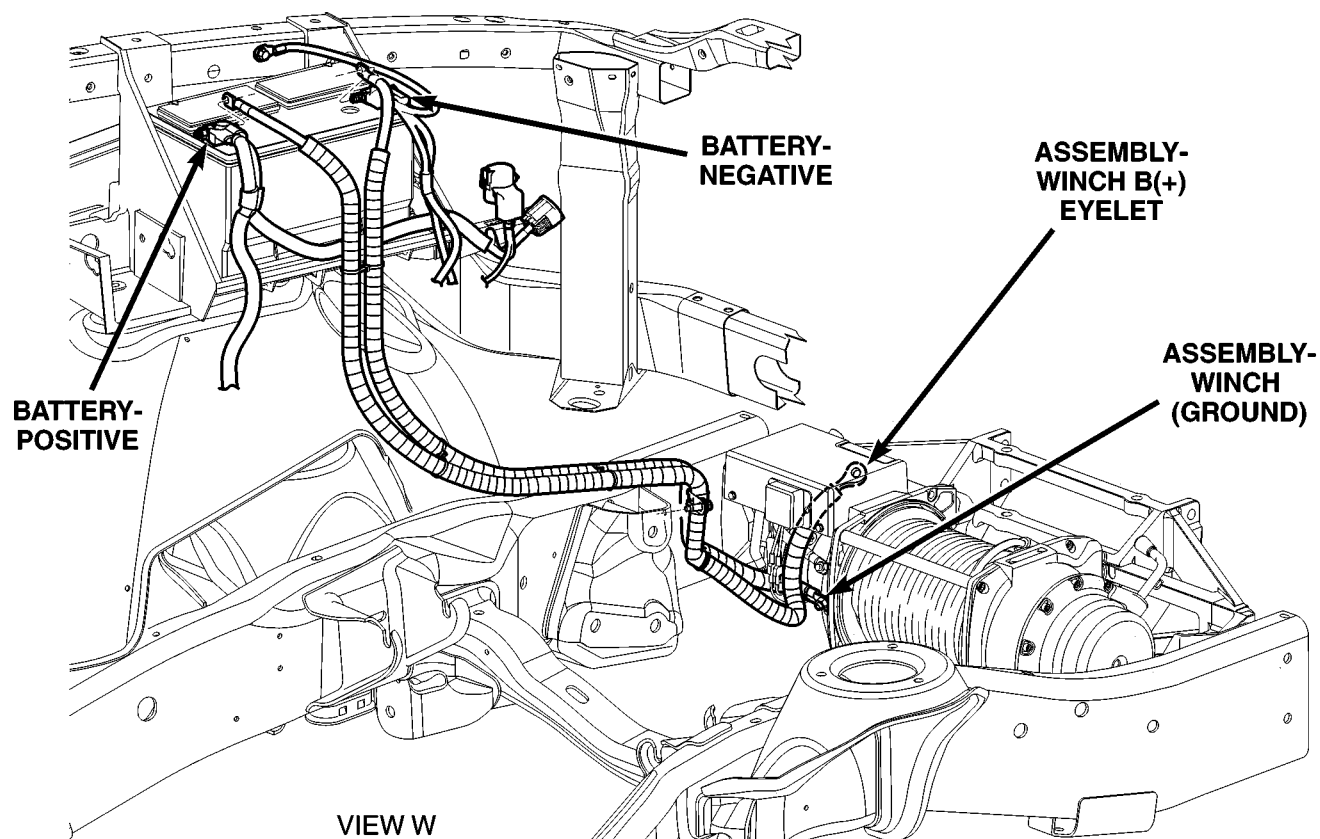
SPLICE NUMBER	LOCATION	FIG.
S213	Left Center Instrument Panel	46
S214	Left Center Instrument Panel	46
S215	Center Instrument Panel	46
S217	Center Instrument Panel	46
S219	Left Instrument Panel	46
S220	Left Instrument Panel	46
S221	Center of Instrument Panel	46
S222	Left Instrument Panel	46
S223	Center Instrument Panel	46
S224	Right Side of HVAC	N/S
S226	Right Side of HVAC	40
S227 (SLT+)	Center Instrument Panel	46, 47
S228	On Steering Column	42
S229	Center Instrument Panel	47
S230	Left Instrument Panel	46
S232	Center Instrument Panel	47
S233	Center Instrument Panel In Radio T/O	47
S234	Left Instrument Panel	46
S235	Center Instrument Panel	46
S237	On Steering Column	42
S241	Center Instrument Panel	46
S245	Left Instrument Panel	46
S301	Left Headliner	53
S303	Front Center Roof	65
S304	Left Front Door	55
S305	Front Center Roof	65
S306	Under Left Side of Driver Seat	66
S308	Left Rear Chassis	69
S309	Center Rear of Chassis	70
S310	Left Headliner	53
S311	Left Front of Body	58, 63
S312	Right Door	56
S314	Left Rear Frame Rail	N/S
S316	Under Left Side of Driver Seat	66
S317	Left Front Body	58, 63
S321	Body Floor Near Left B-Pillar	63
S322	Left Front Body	58, 64

SPLICE NUMBER	LOCATION	FIG.
S323	Left Front Body	62
S324	Left Rear Chassis	70
S325	Left Rear Chassis	70
S326	Left Rear Chassis	70
S327	Left Rear Chassis	70
S330	Center Rear of Chassis	70
S331	Center Rear of Chassis	70
S332	Left Front Door	55
S333	Left Front Body	58, 63
S334	Under Passenger Seat	58, 64
S335	Between Front Seats on Heated Seat Jumper	N/S
S336	Passenger Seat	67
S338	Under Passenger Seat	58, 64
S340	Left Rear Fender	71
S341	Right Rear Fender	71
S342	Left Rear Fender	71
S343	Right Rear Fender	71
S344	Center Headliner	53
S348	Left Headliner	53
S349	Left Headliner	53
S350	Left Headliner	53
S351	Left Rear Chassis	70
S355	Left Headliner	53
S360	Below Lower Bucket of Center Console	N/S
S363	Under Driver Seat	66
S364	Under Driver Seat	66
S365	Under Right Side of Passenger Seat	N/S
S366	Under Right Side of Passenger Seat	N/S
S367	Under Passenger Seat	N/S



816461e4

Fig. 1 WINCH ASSEMBLY (POWER WAGON)



816461e8

Fig. 2 FRONT FRAME (POWER WAGON)

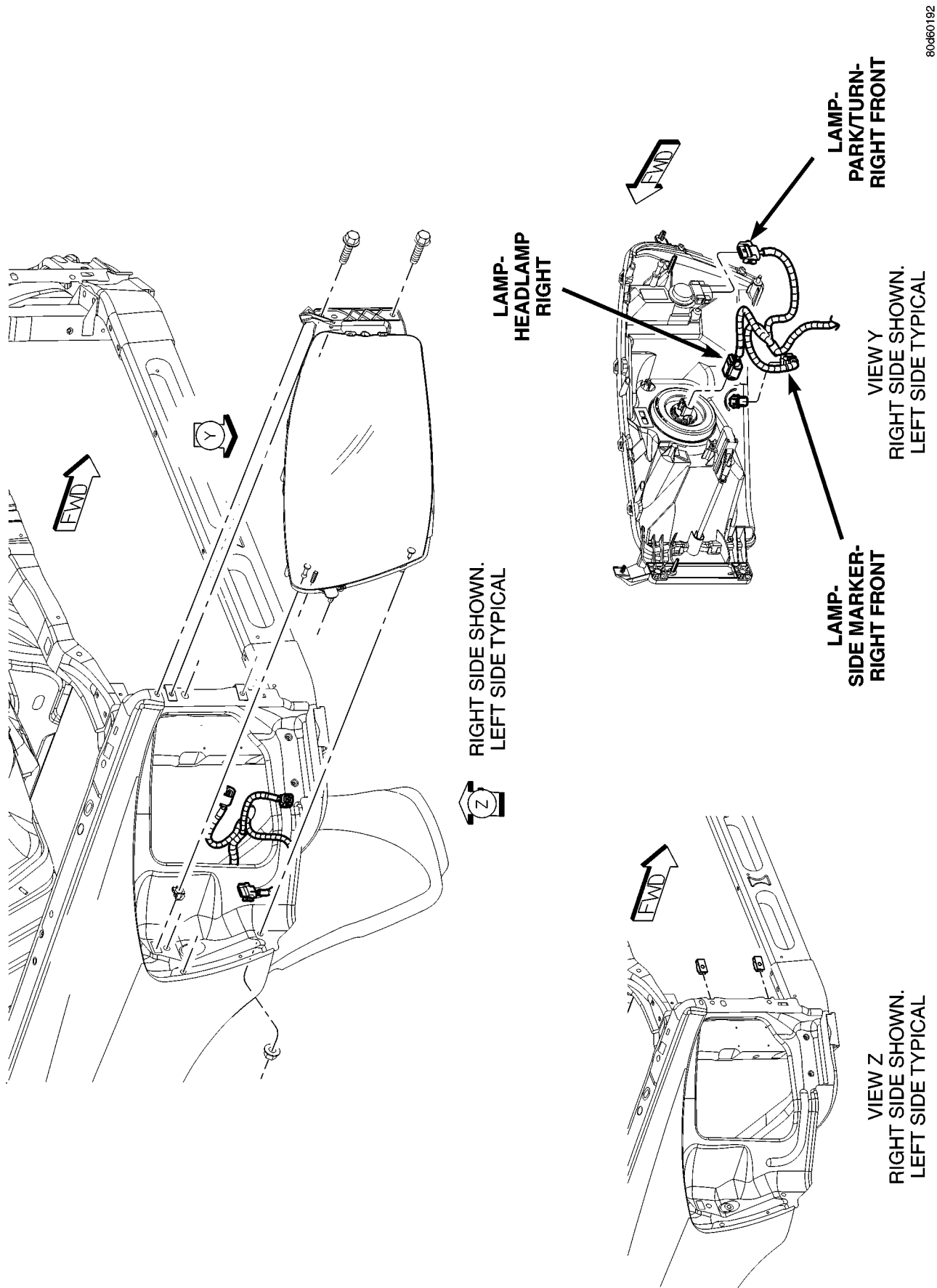


Fig. 3 RIGHT SIDE FRONT LIGHTING

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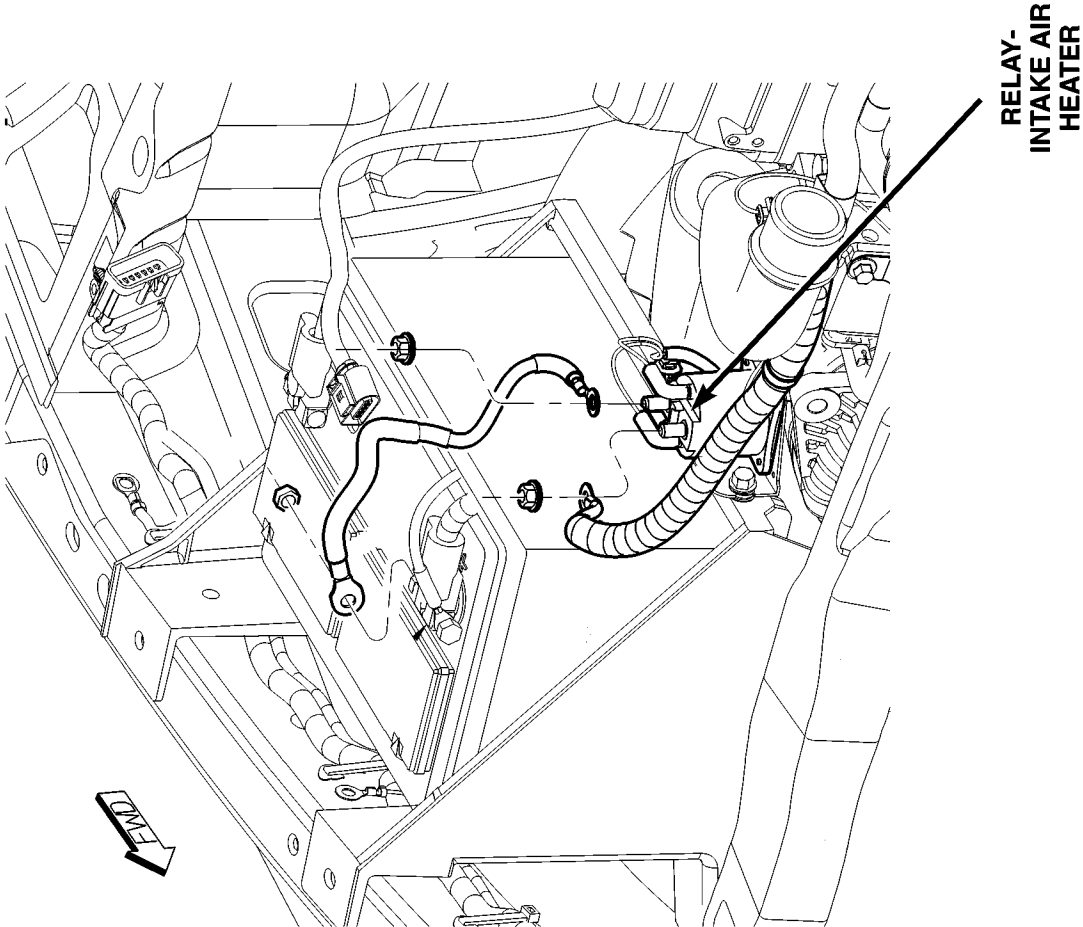
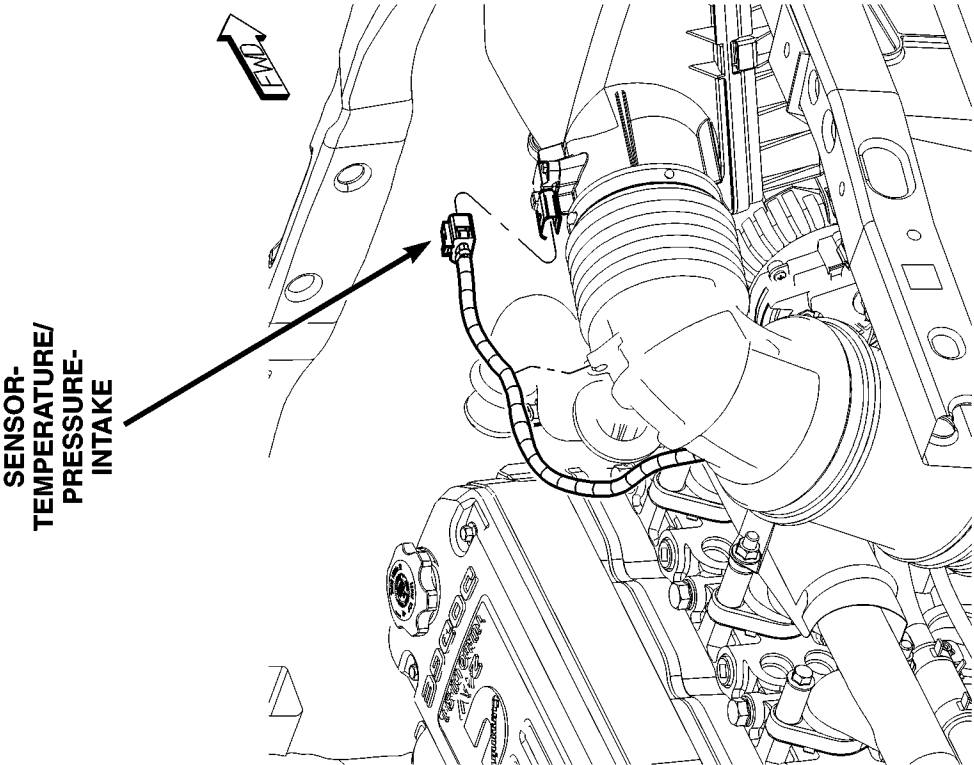


Fig. 4 RIGHT BATTERY AND ENGINE

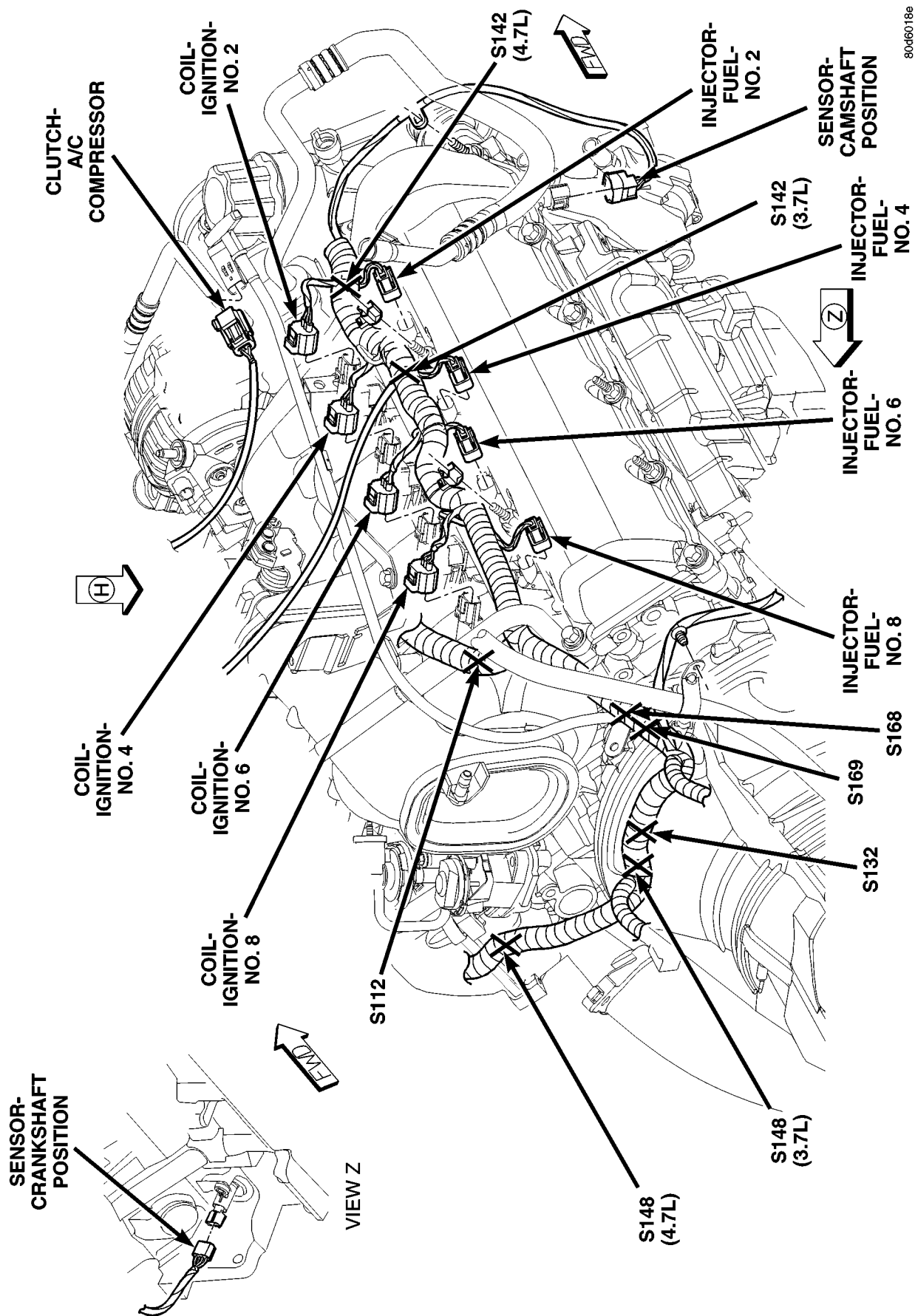
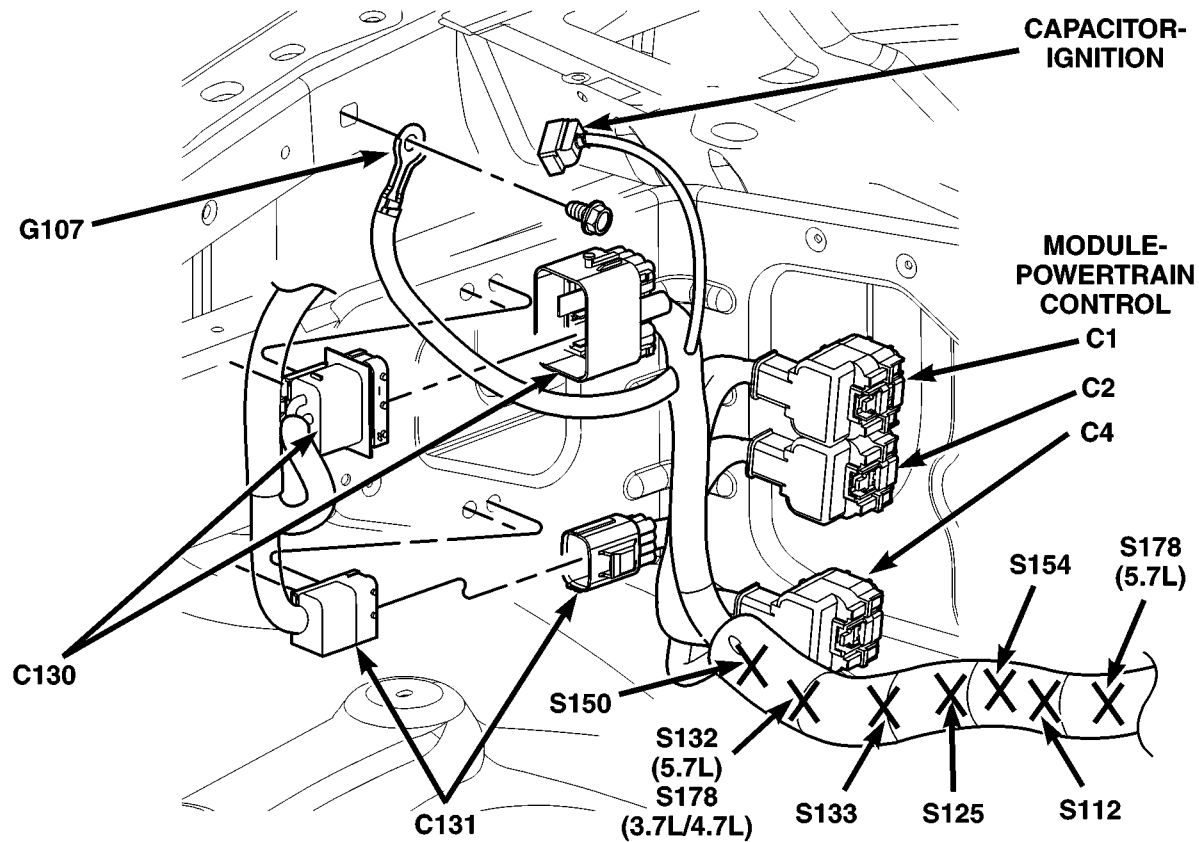


Fig. 5 RIGHT SIDE ENGINE - 3.7L/4.7L



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Fig. 6 RIGHT REAR ENGINE COMPARTMENT - NGC

811d8198

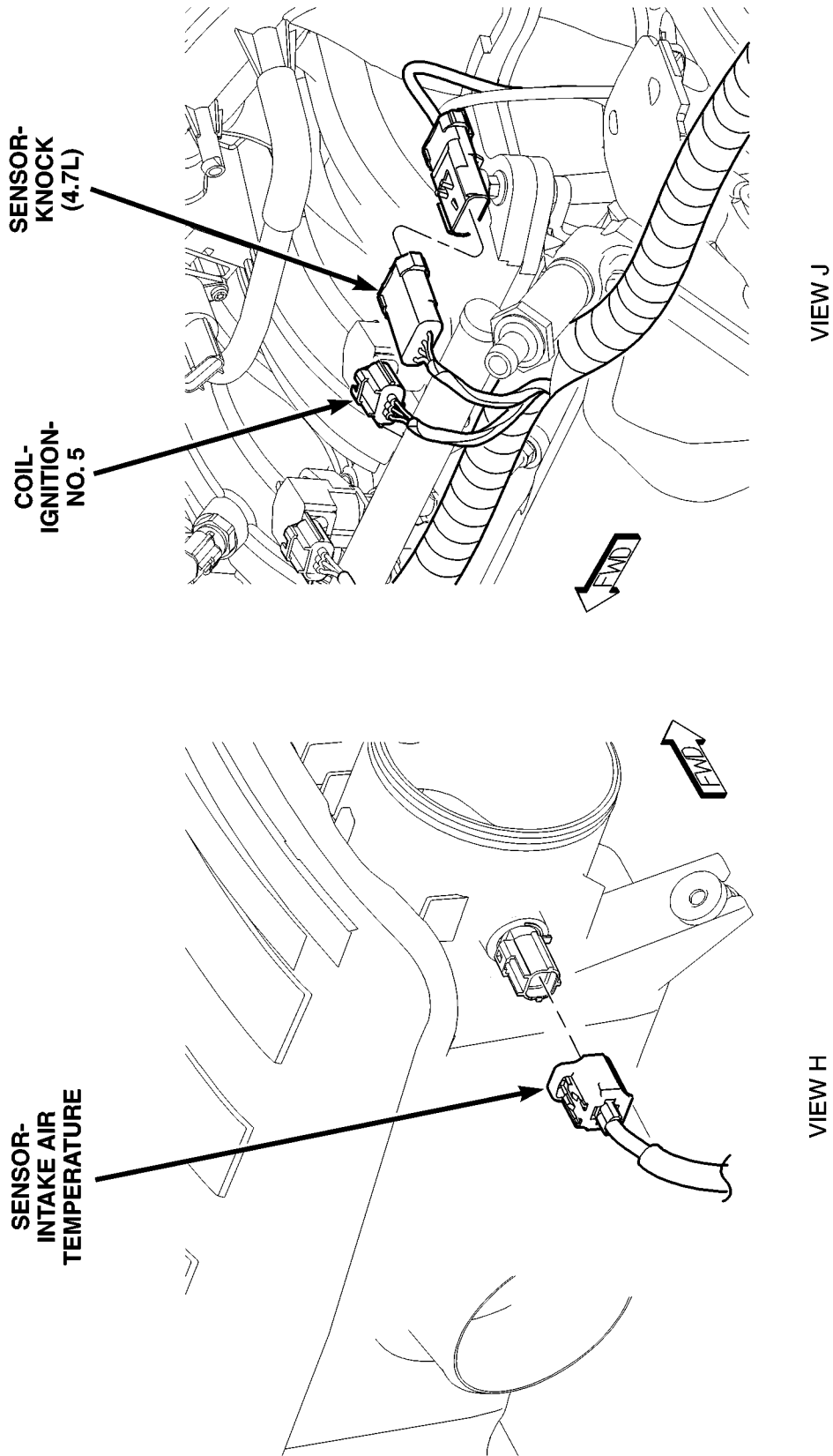
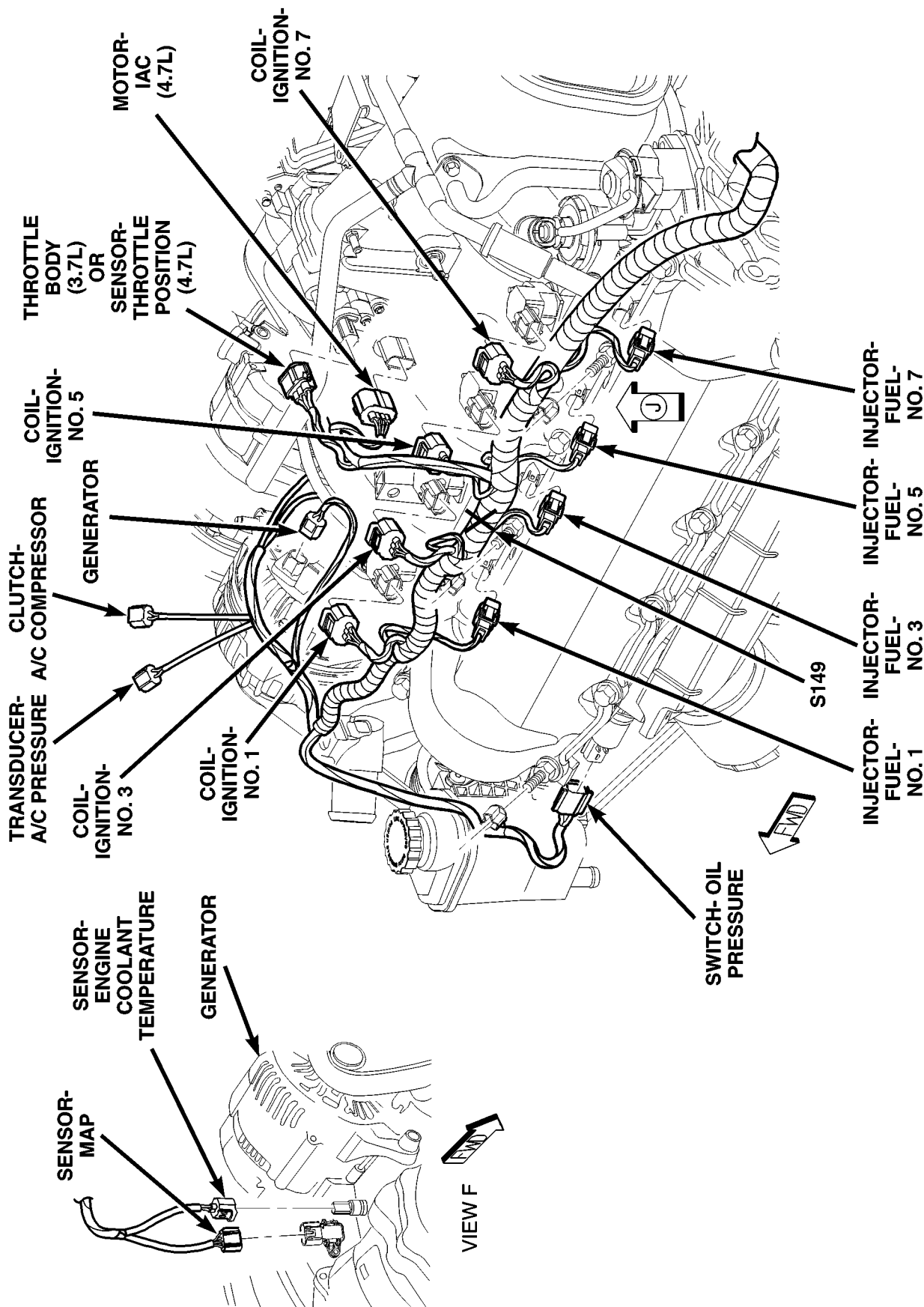
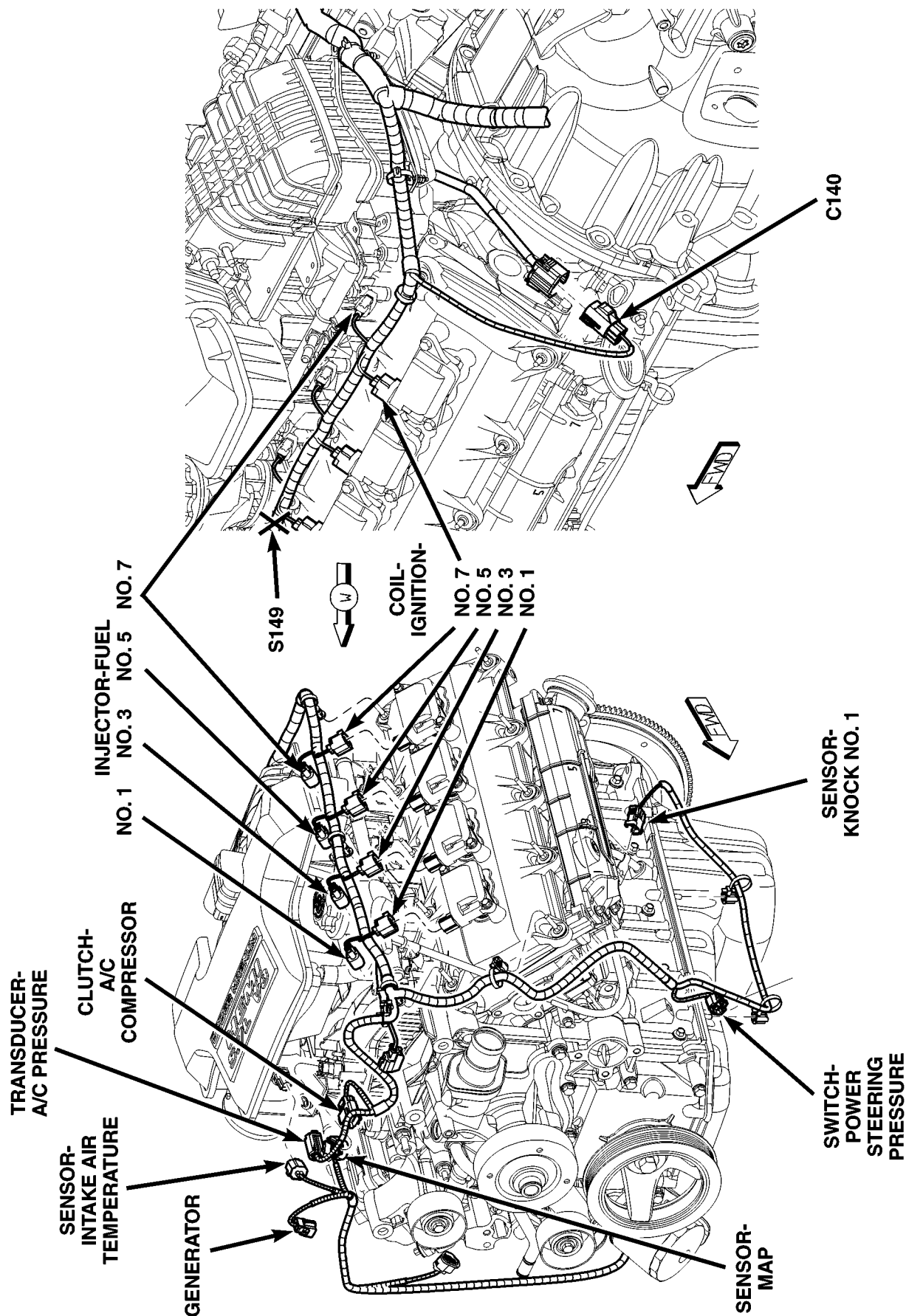


Fig. 7 RIGHT TOP ENGINE (3.7L/4.7L)



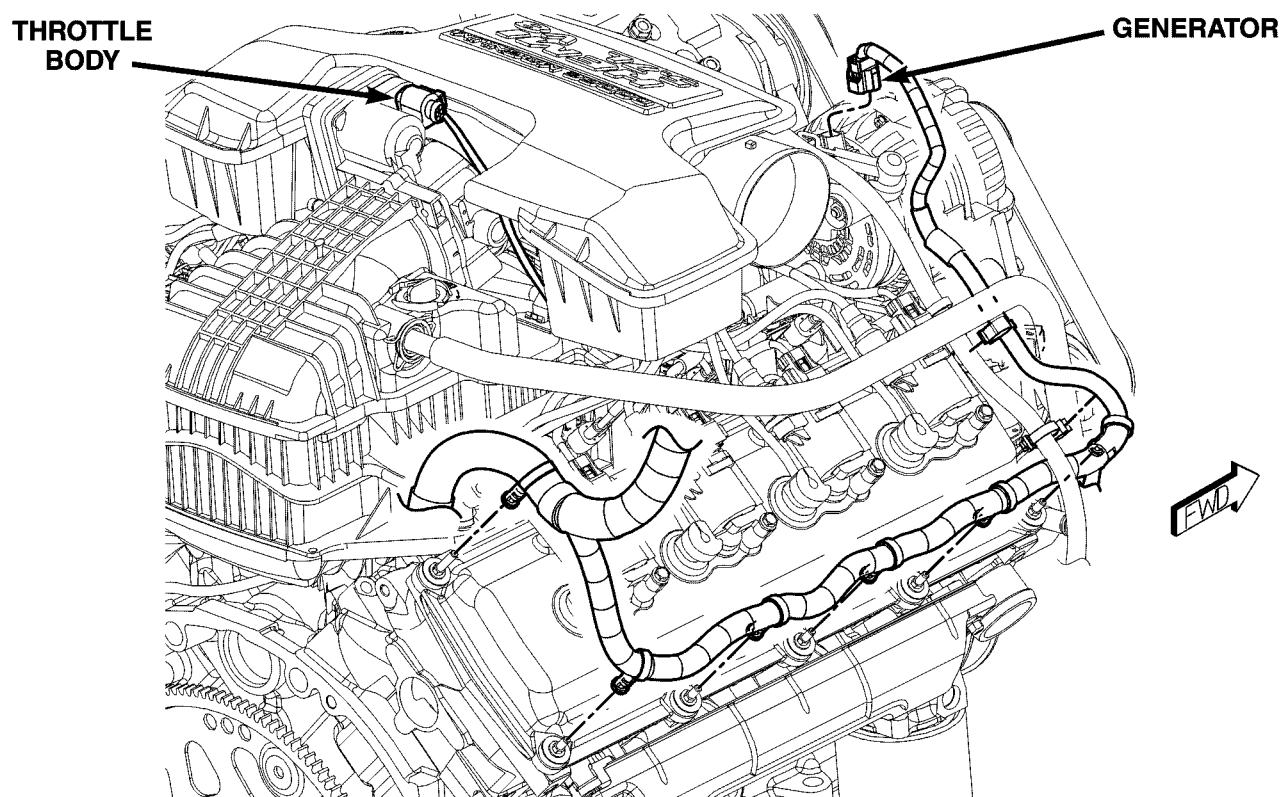
80d6018d

Fig. 8 LEFT SIDE ENGINE (3.7L/4.7L)



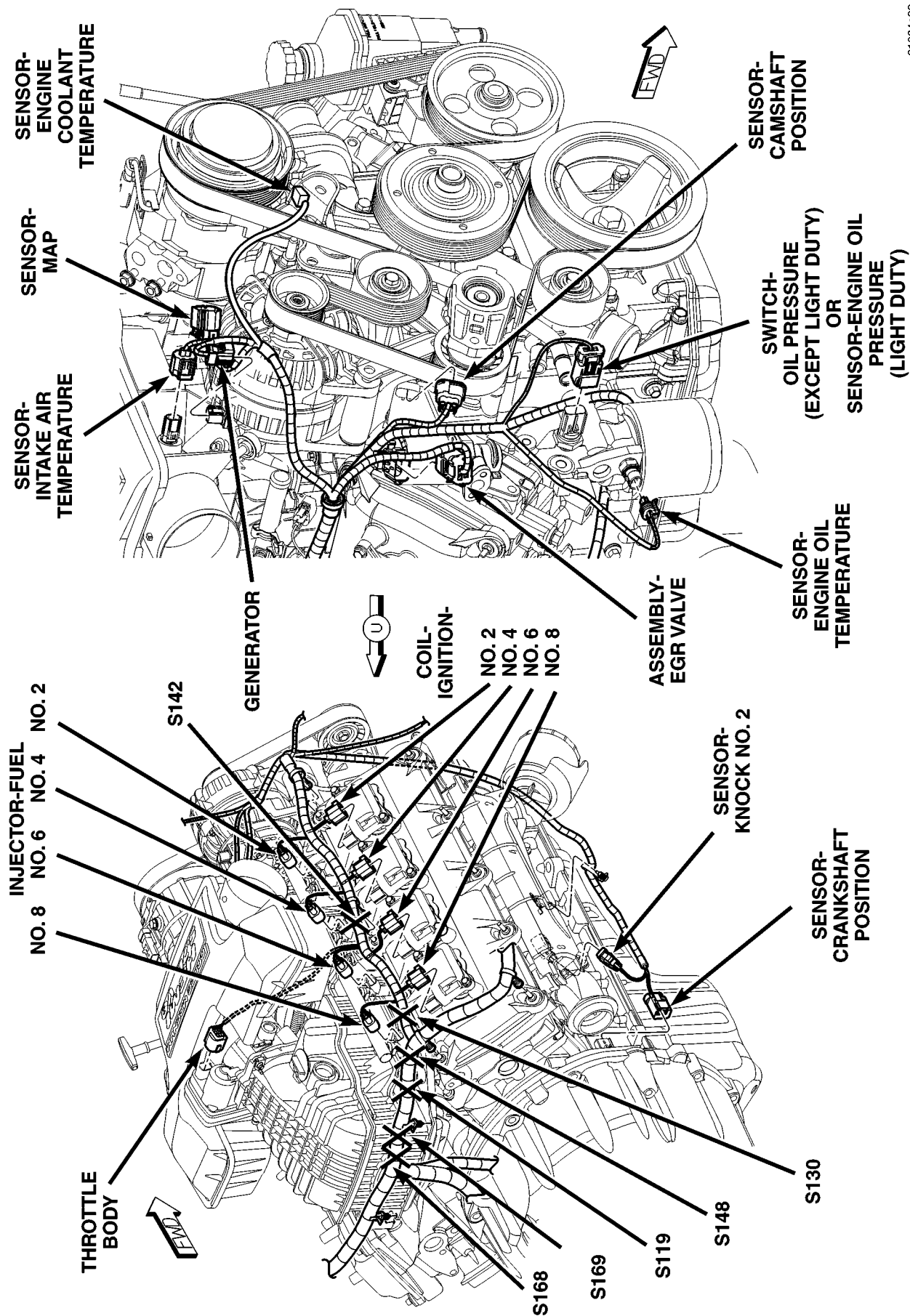
810349ef

Fig. 9 LEFT SIDE ENGINE (5.7L)



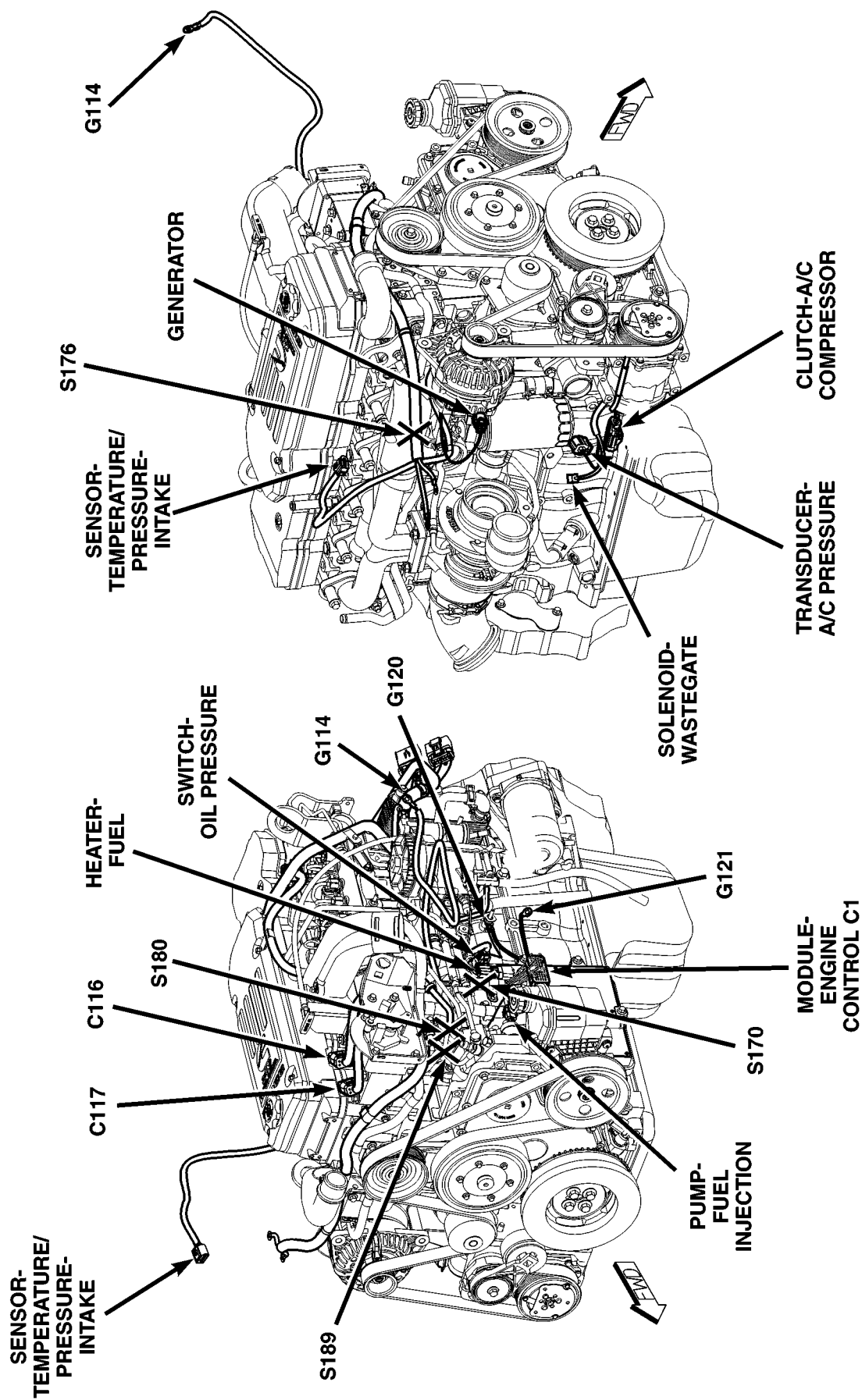
811d819c

Fig. 10 RIGHT REAR ENGINE (5.7L)



81034a33

Fig. 11 RIGHT AND FRONT ENGINE (5.7L)



81036193

Fig. 12 ENGINE (5.9L DIESEL)

8195a38a

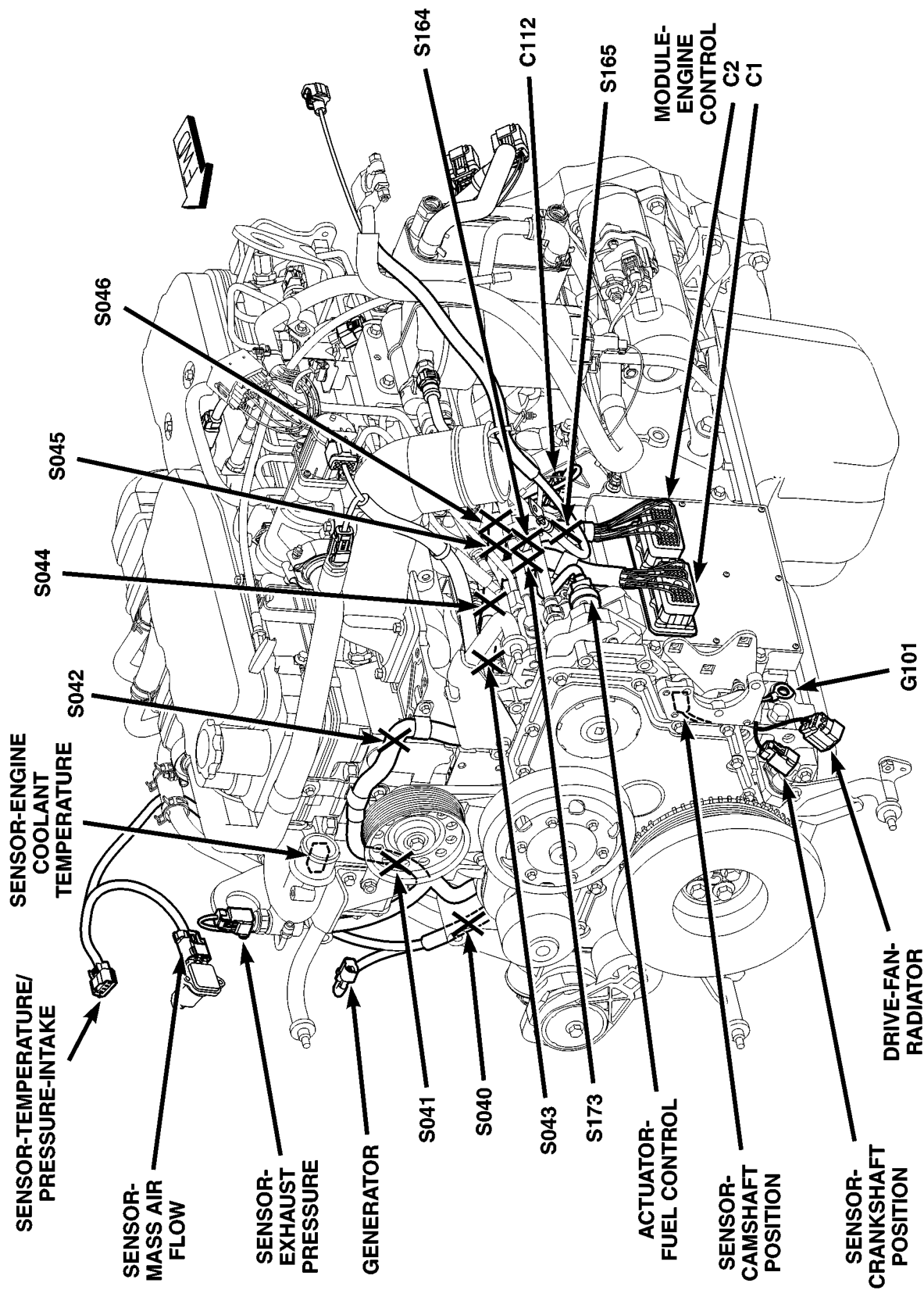


Fig. 13 ENGINE - FRONT (6.7L DIESEL)

8195a39e

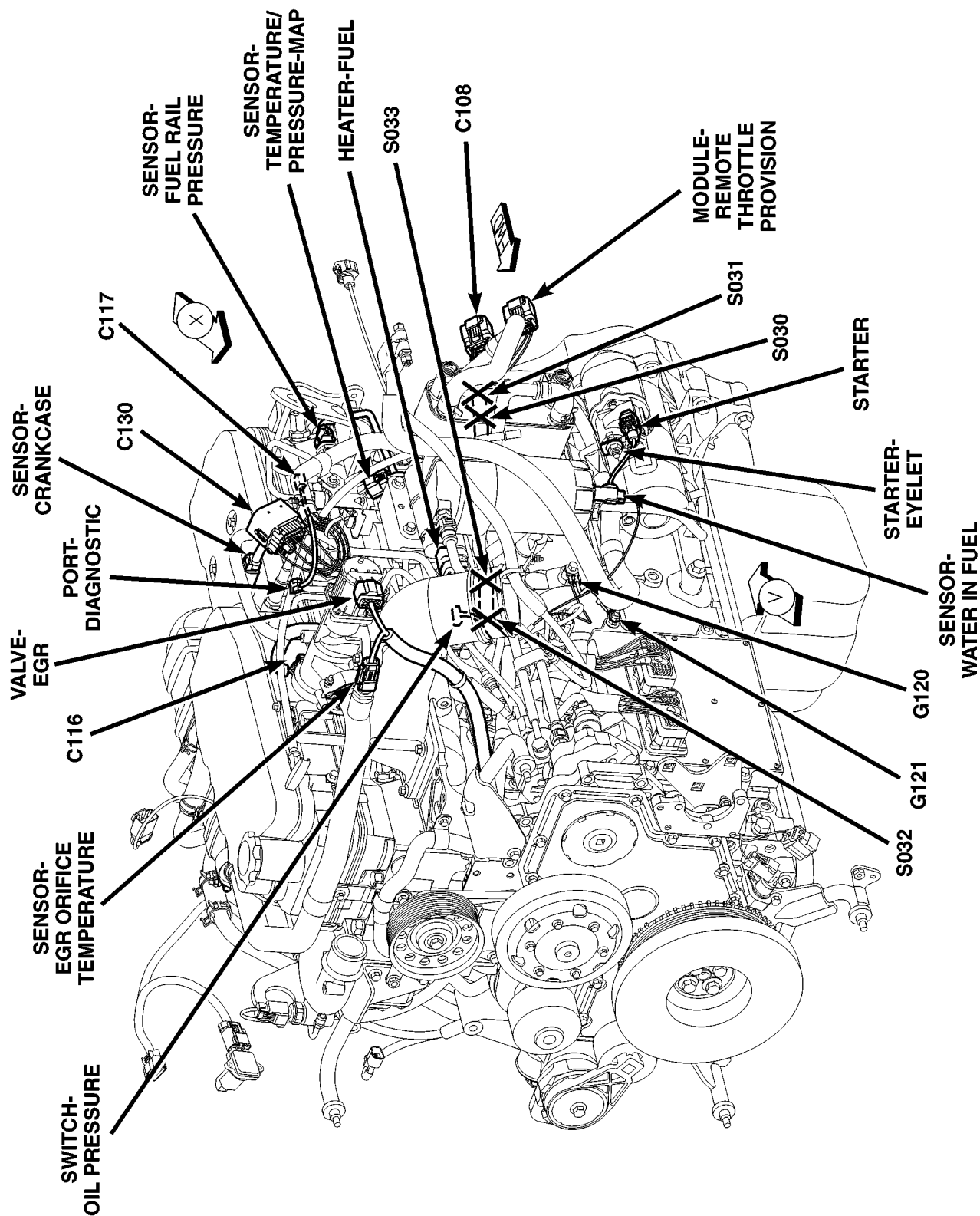
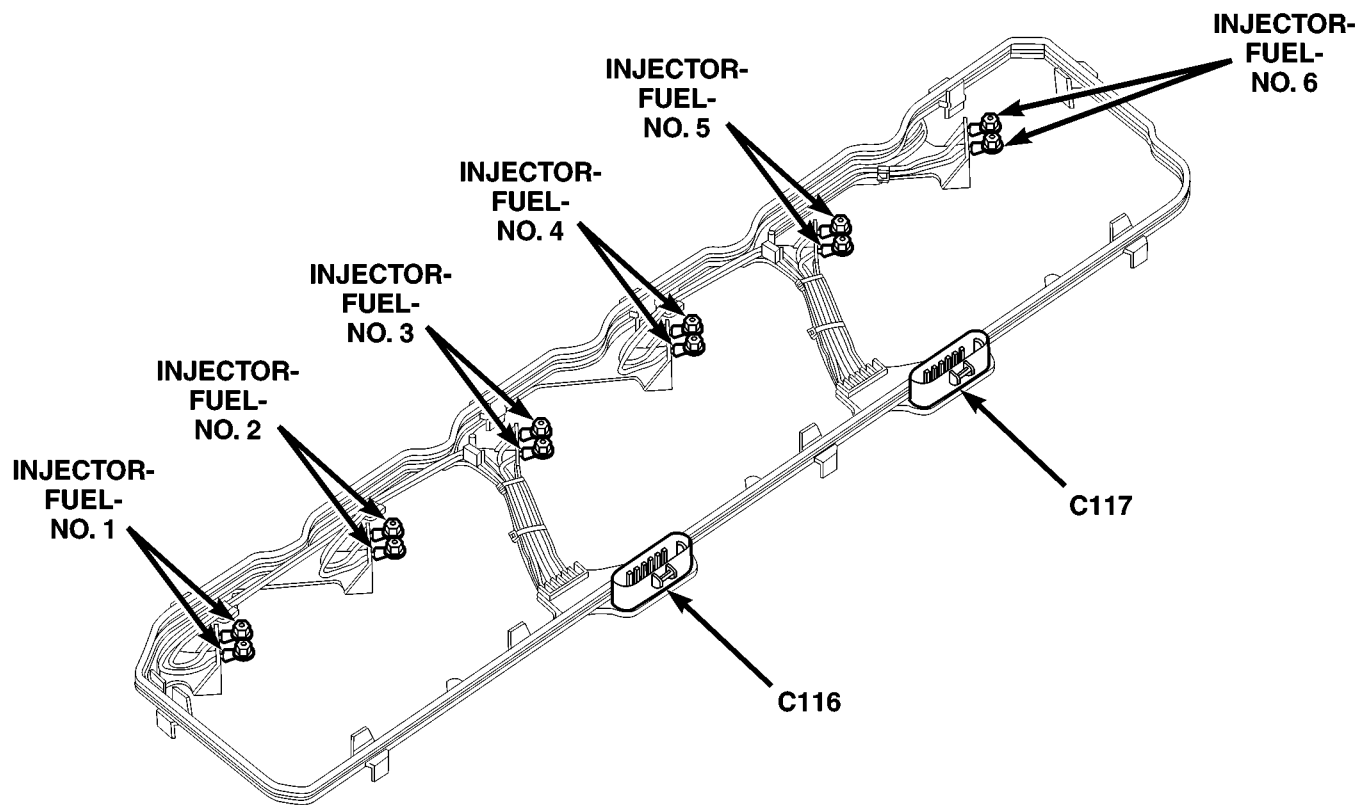
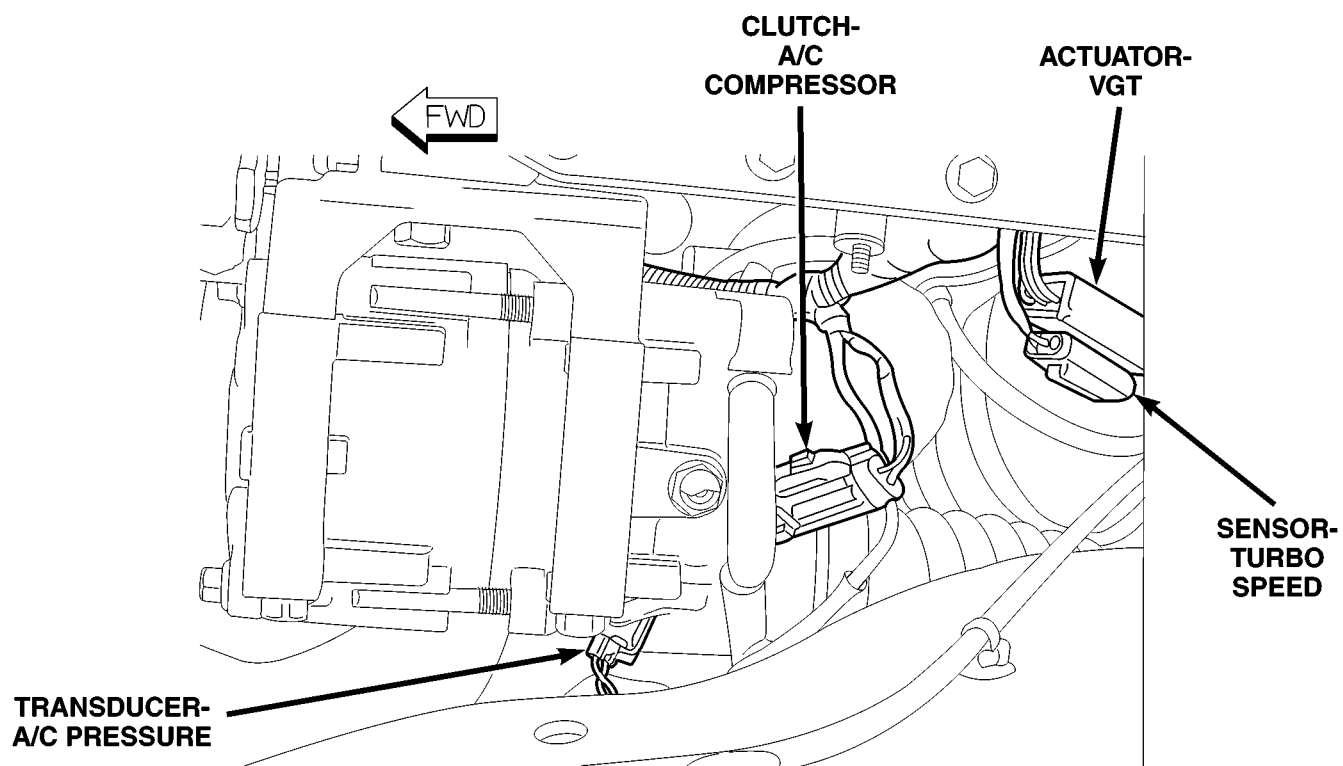


Fig. 14 ENGINE - LEFT SIDE (6.7L DIESEL)



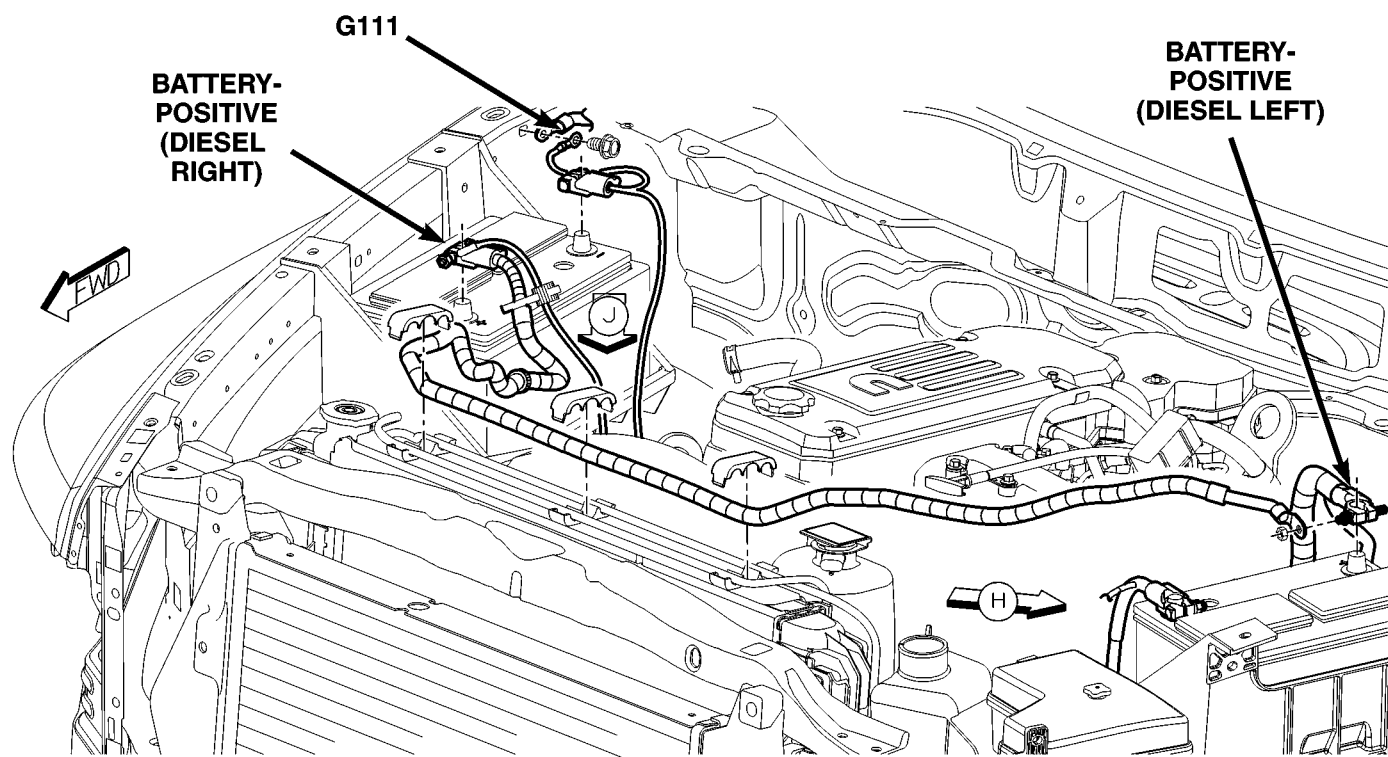
8195a3a6

Fig. 15 VALVE COVER GASKET (DIESEL)



8195a3aa

Fig. 16 16 ENGINE - FRONT RIGHT BOTTOM (6.7L DIESEL)



816461ec

Fig. 17 DIESEL BATTERIES

812d16ca

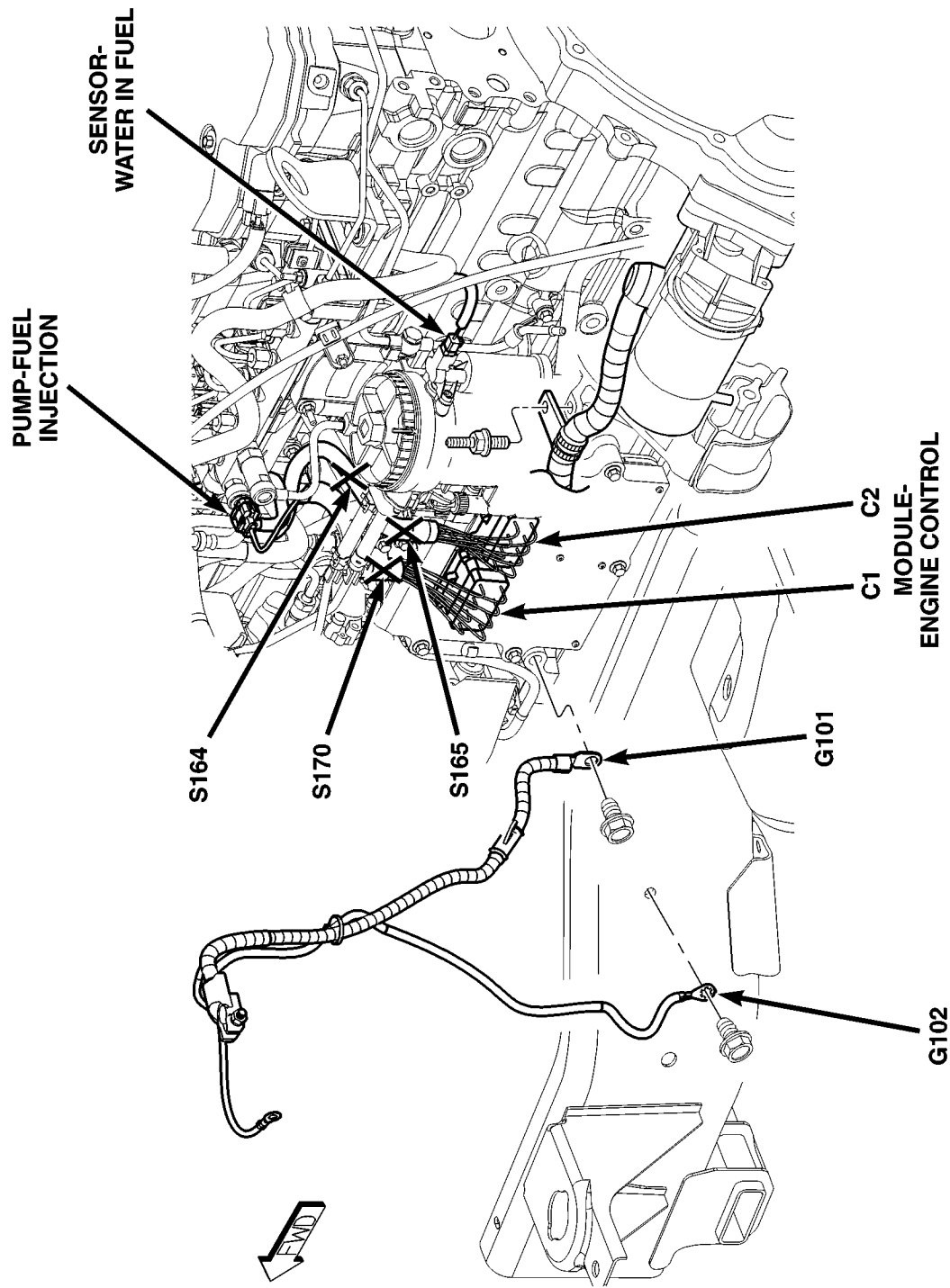
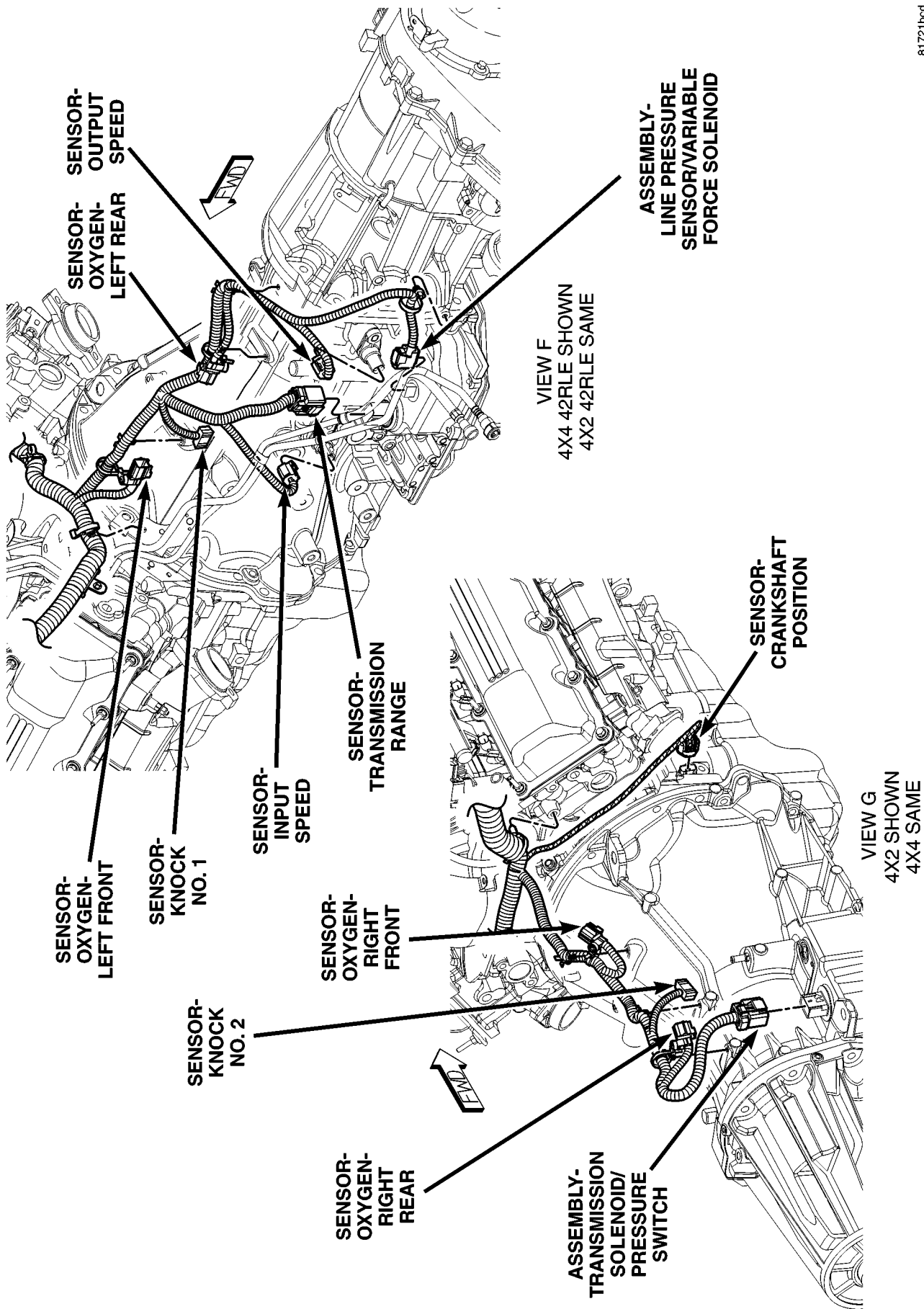


Fig. 18 LEFT SIDE ENGINE (5.9L DIESEL)



81721bcd

Fig. 19 AUTOMATIC TRANSMISSION (3.7L)

810361cd

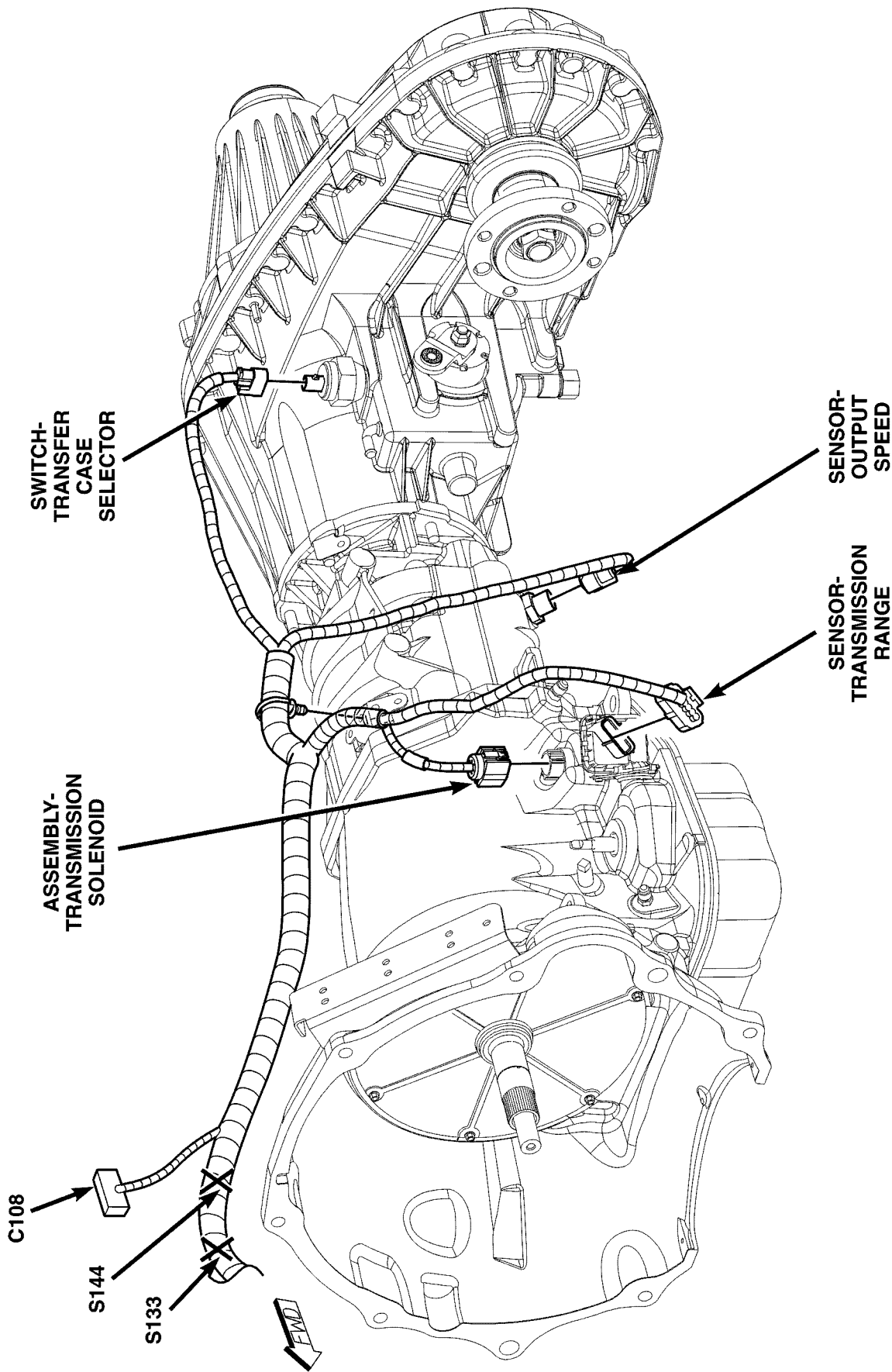
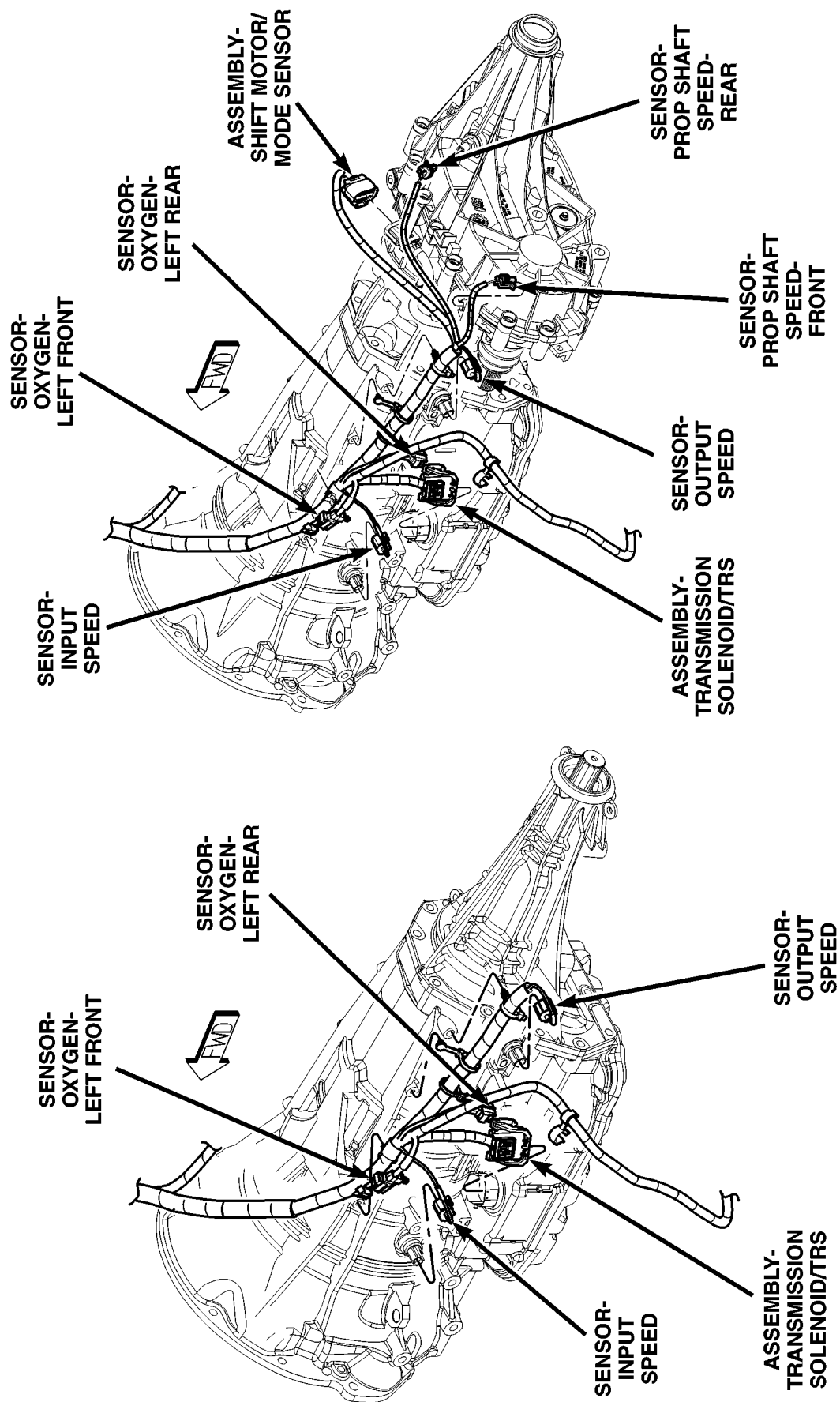


Fig. 20 AUTOMATIC TRANSMISSION - RE (5.9L DIESEL)

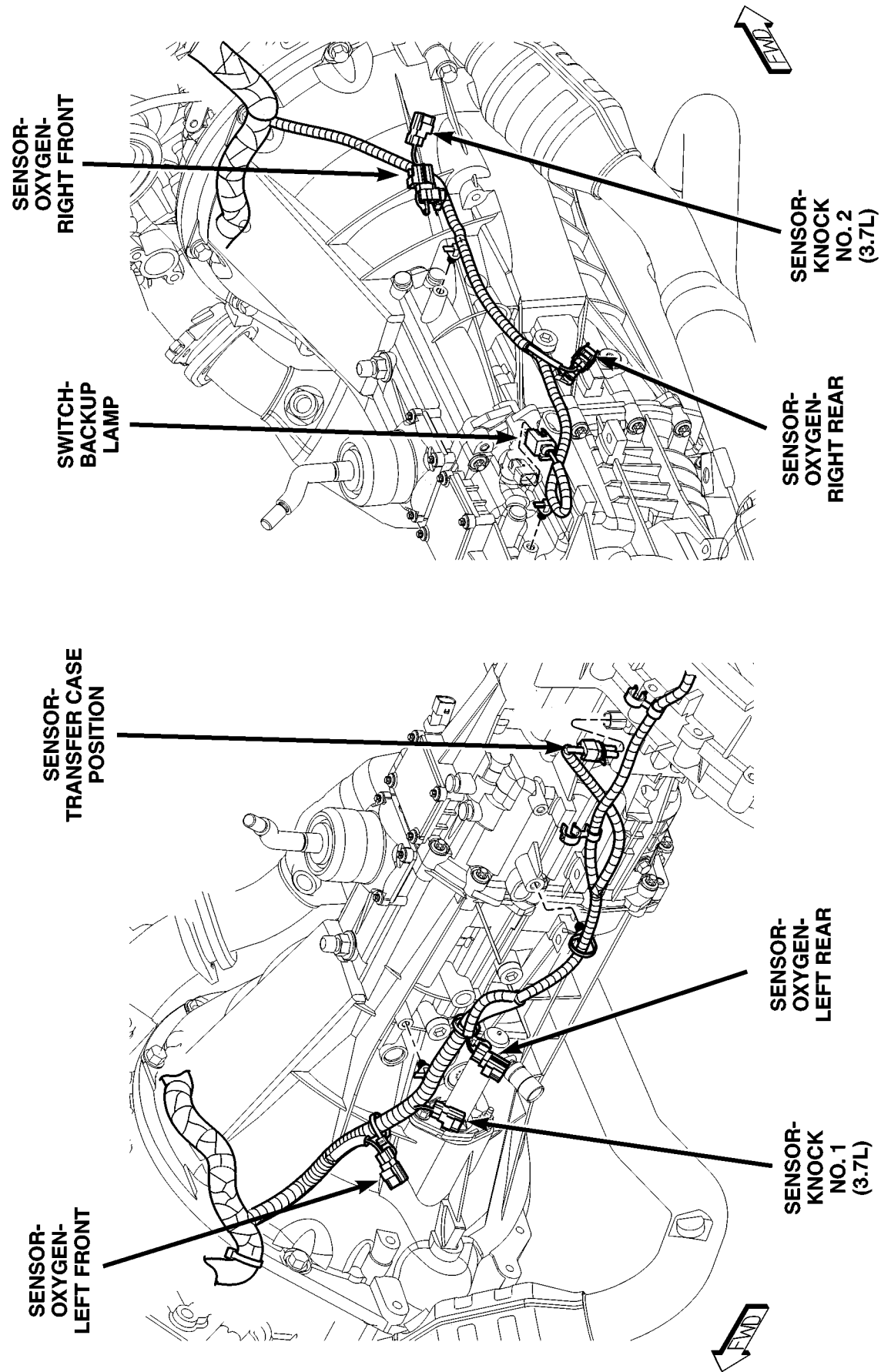


ELECTRONIC FULL TIME T/CASE

81036112

4 x 2

Fig. 21 LEFT TRANSMISSION (RFE)



8103620f

Fig. 22 MANUAL TRANSMISSION (4X4 MTC) (3.7L/4.7L)

81036216

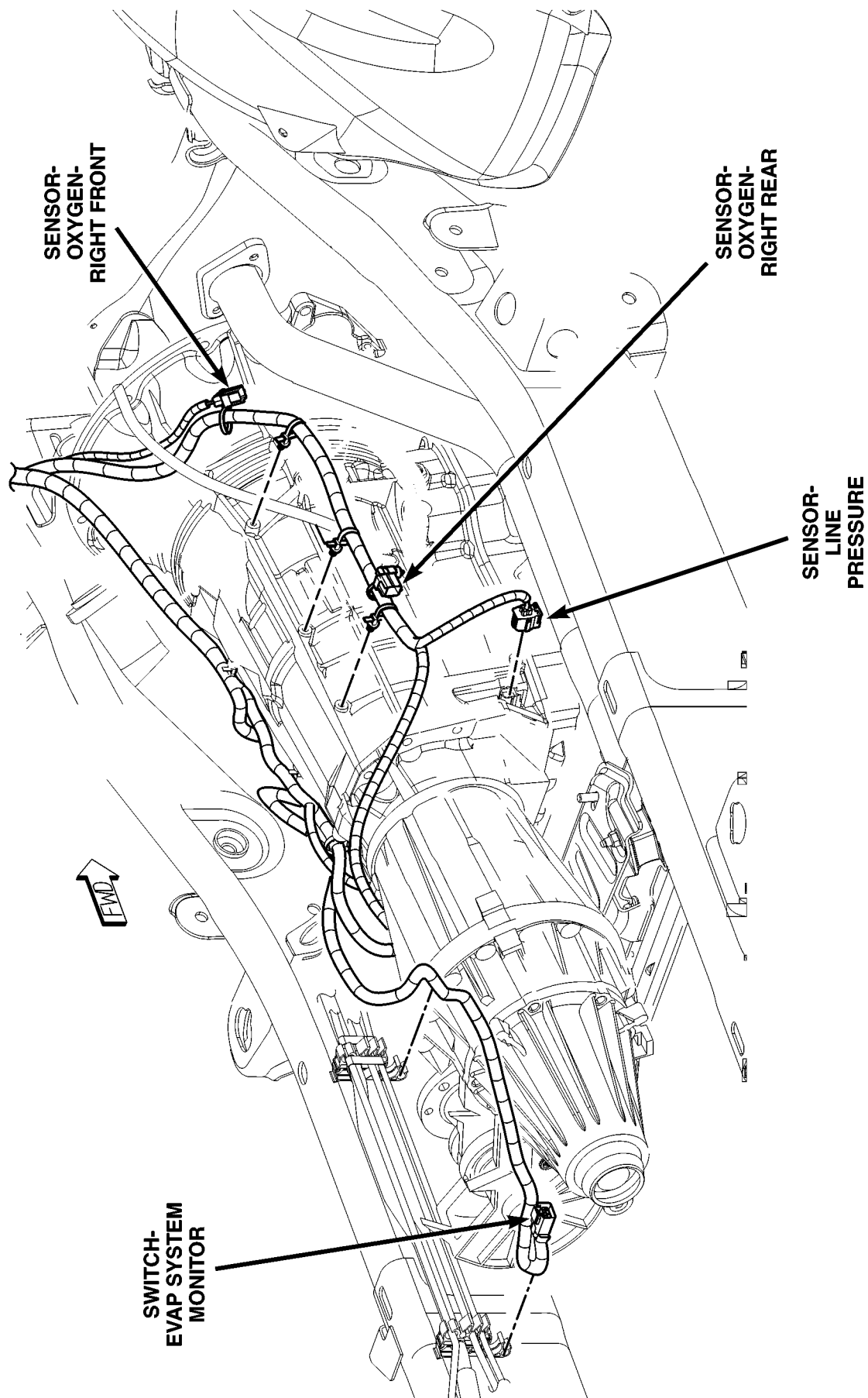
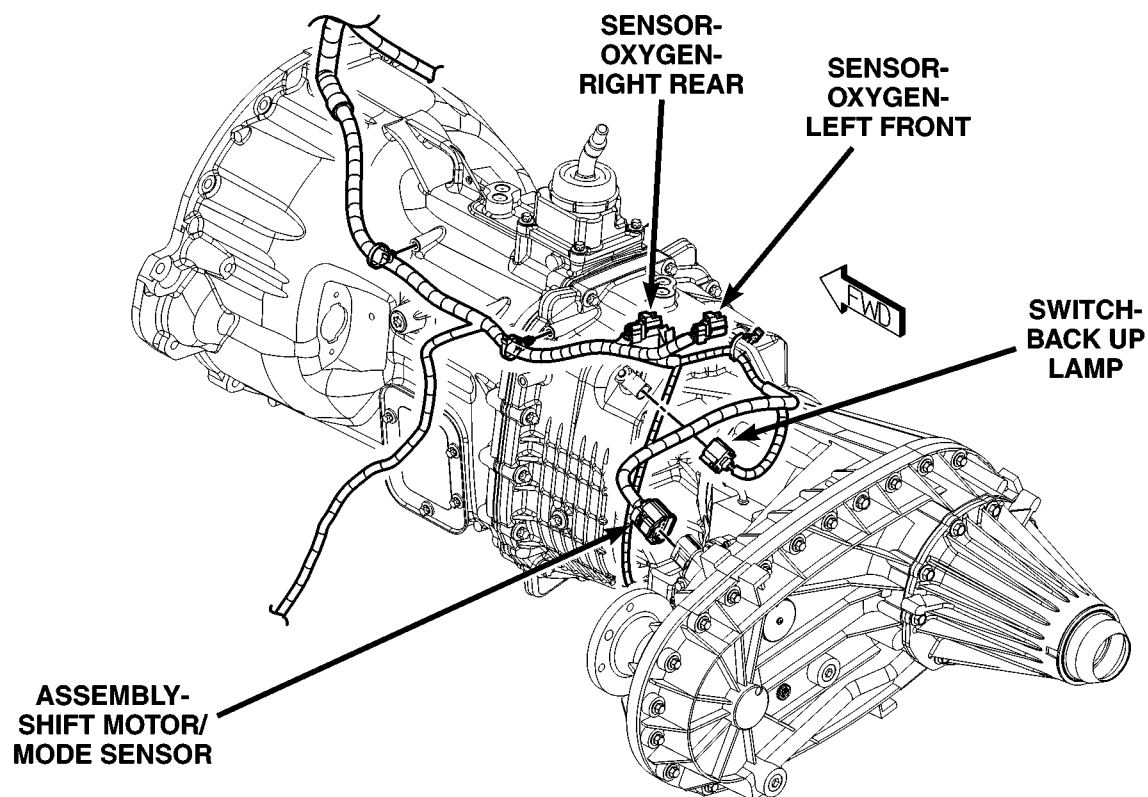


Fig. 23 RIGHT TRANSMISSION (RFE)



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Fig. 24 MANUAL TRANSMISSION - G56 ETC (5.7L SHOWN, DIESEL SIMILAR)

8195a3ae

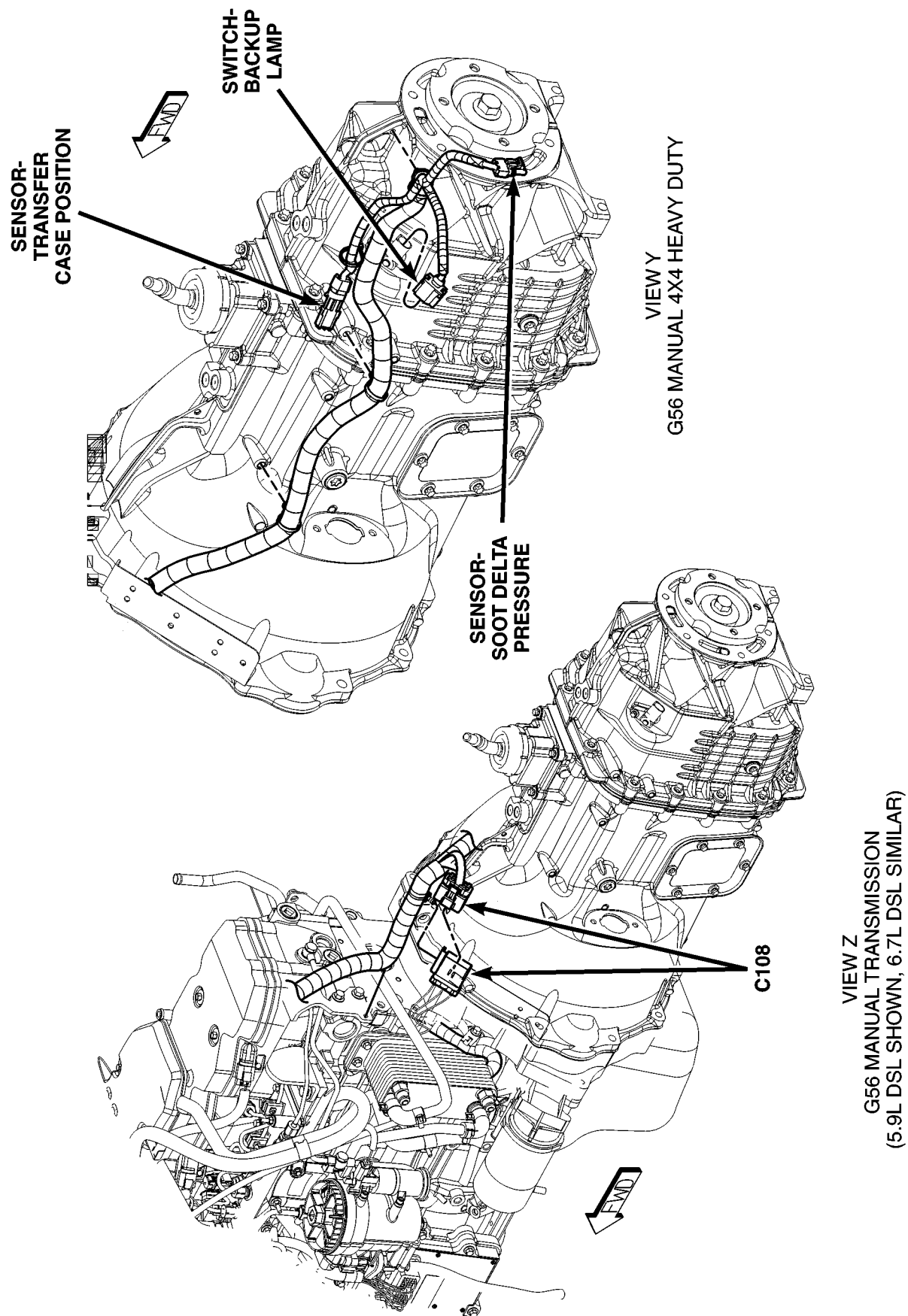
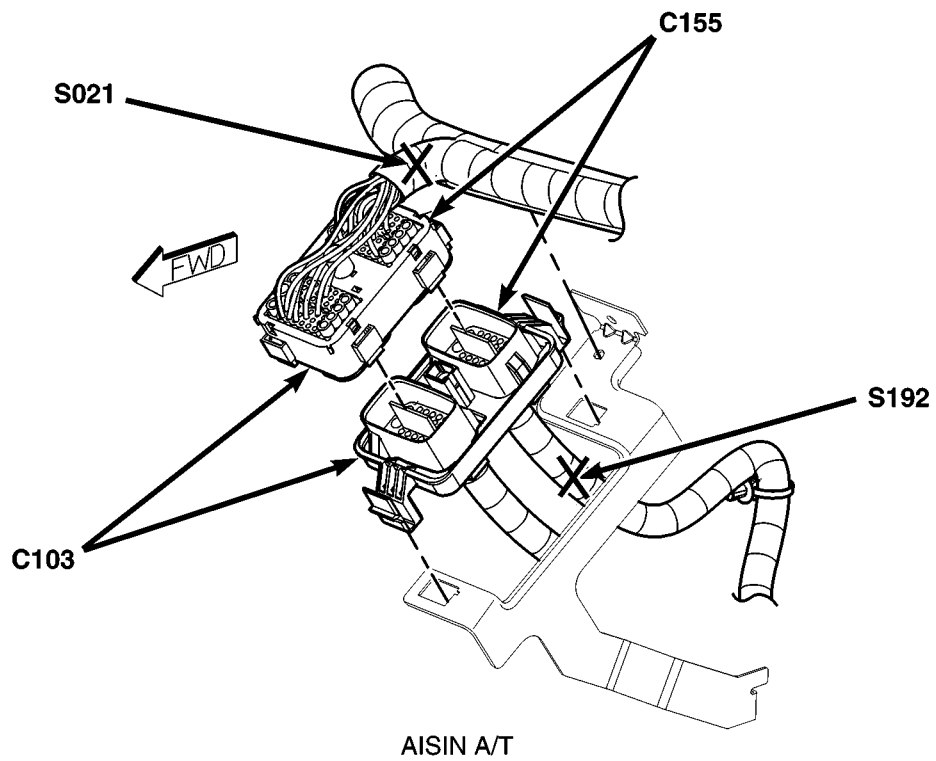
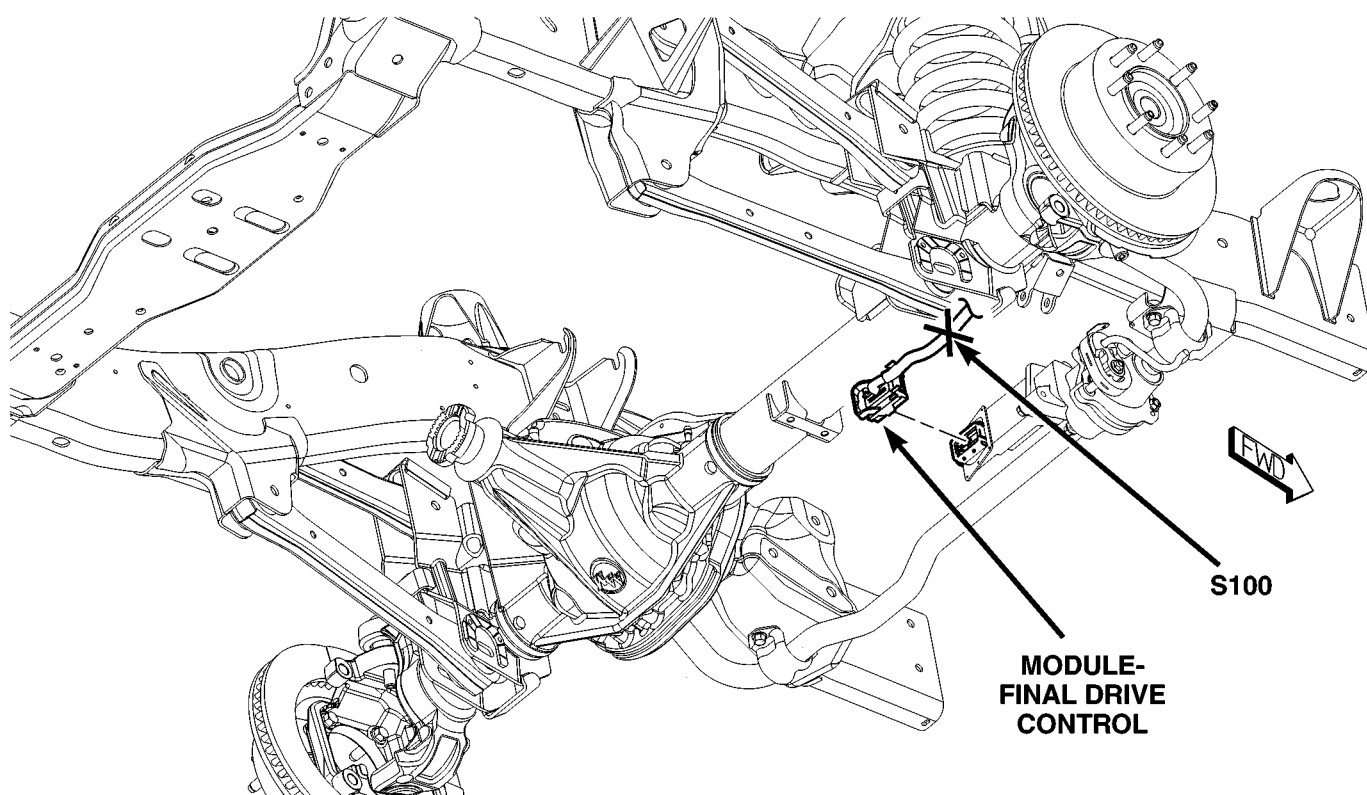


Fig. 25 MANUAL TRANSMISSION - G56 (6.7L DIESEL)



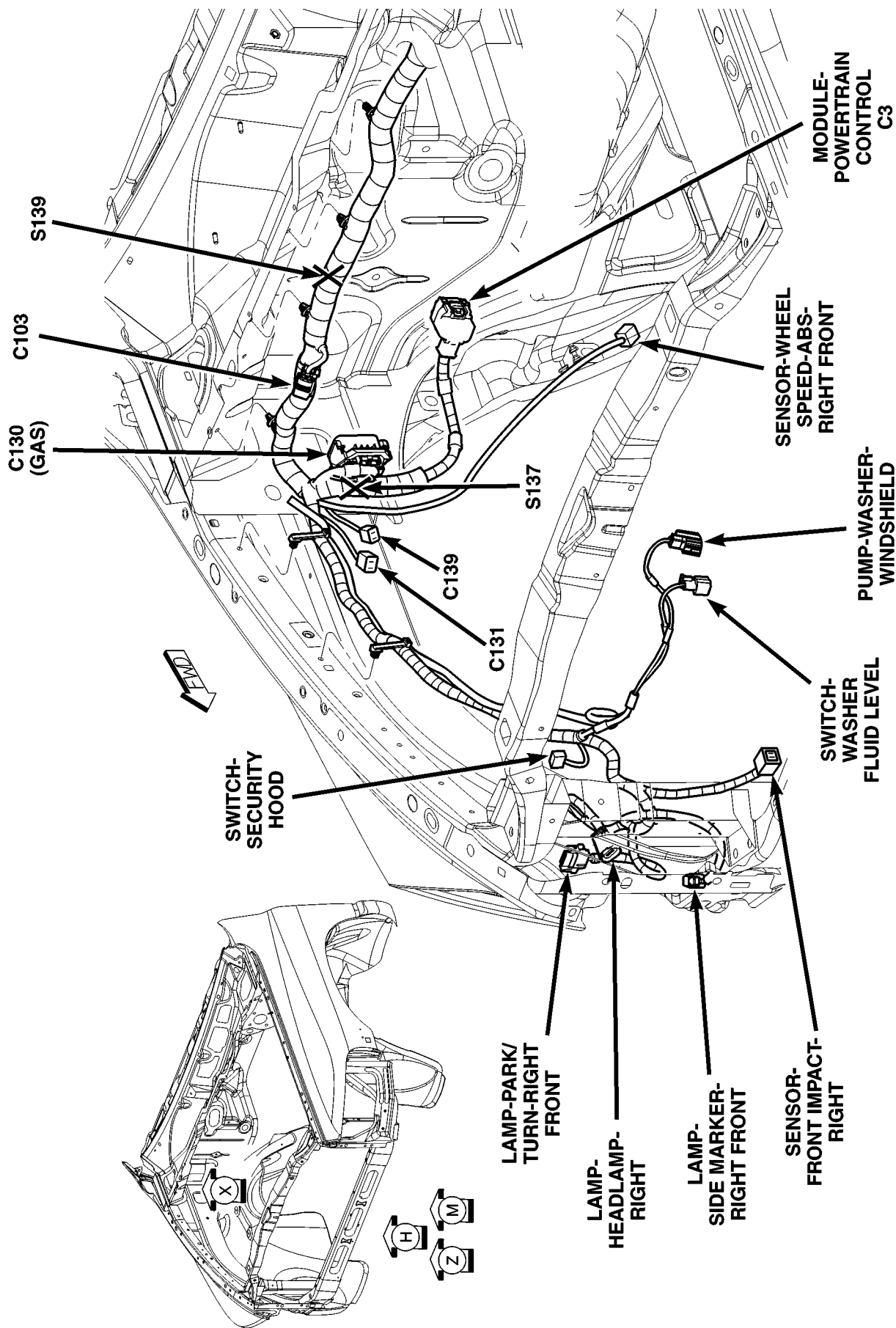
8195a3b6

Fig. 27 REAR ENGINE COMPARTMENT (RC)



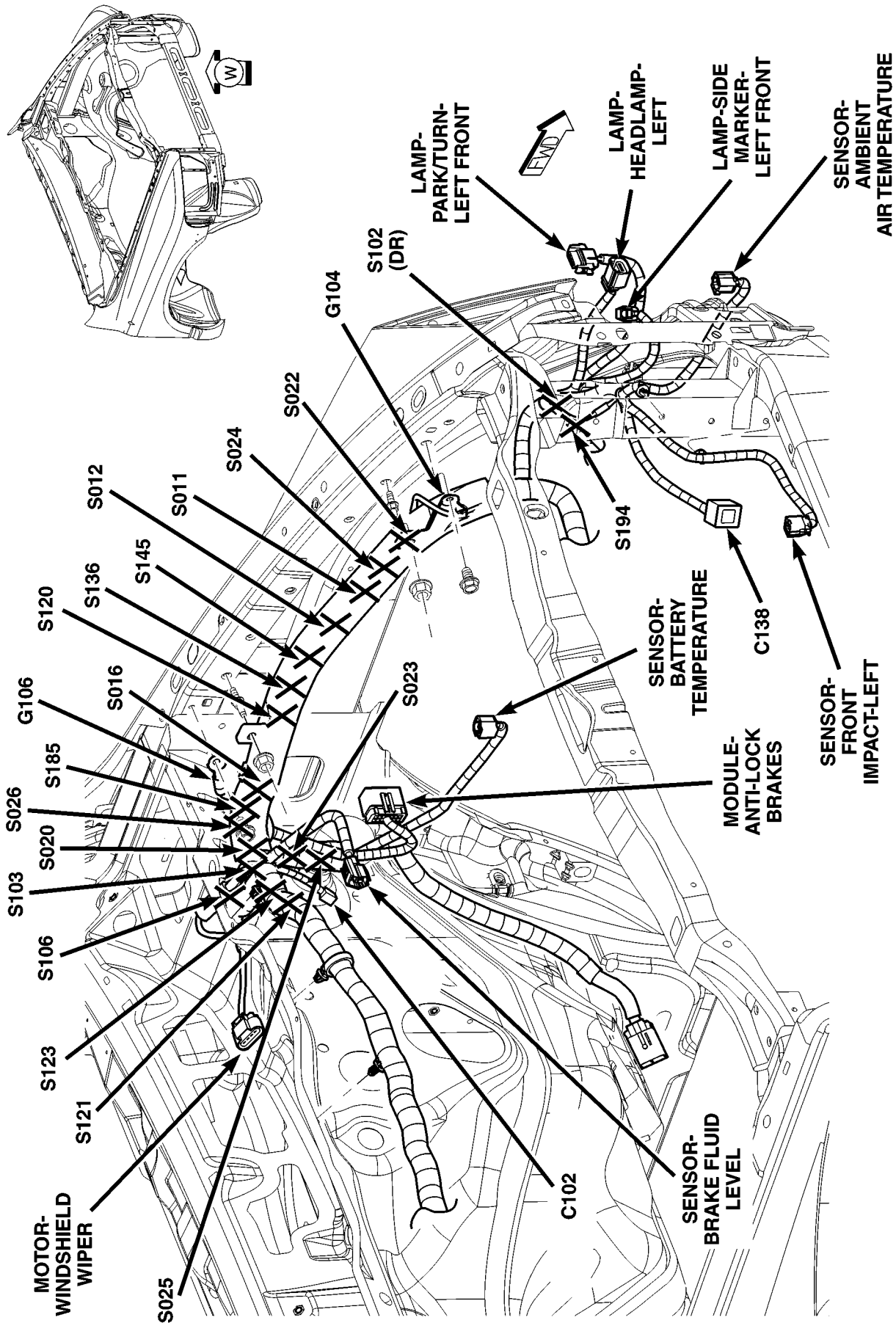
81646114

Fig. 28 FRONT STABILIZER BAR (POWER WAGON)



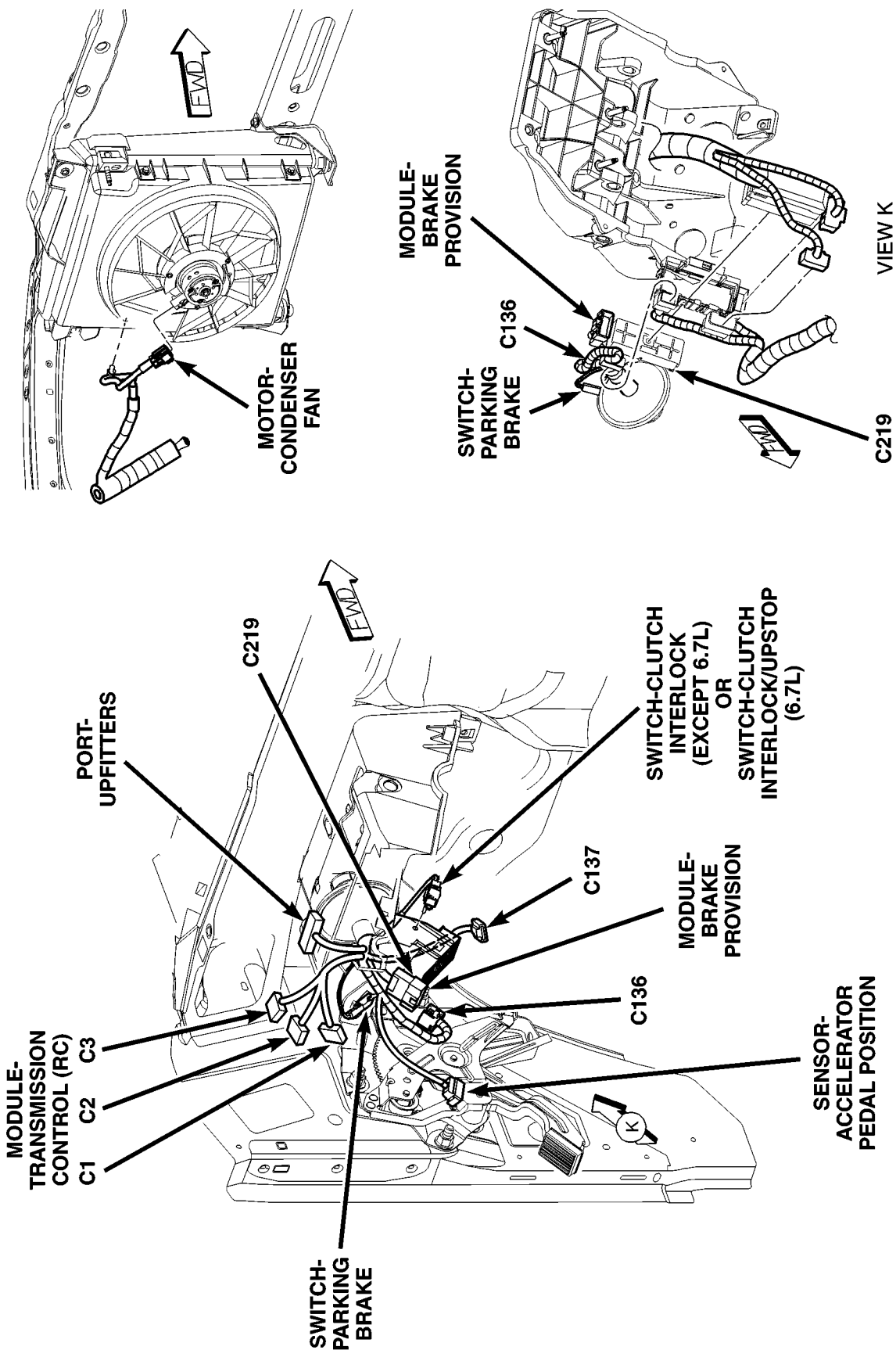
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Fig. 29 RIGHT SIDE ENGINE COMPARTMENT



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Fig. 30 LEFT ENGINE COMPARTMENT



80d60176

Fig. 31 ENGINE COMPARTMENT AND LEFT KICK PANEL

80d6017c

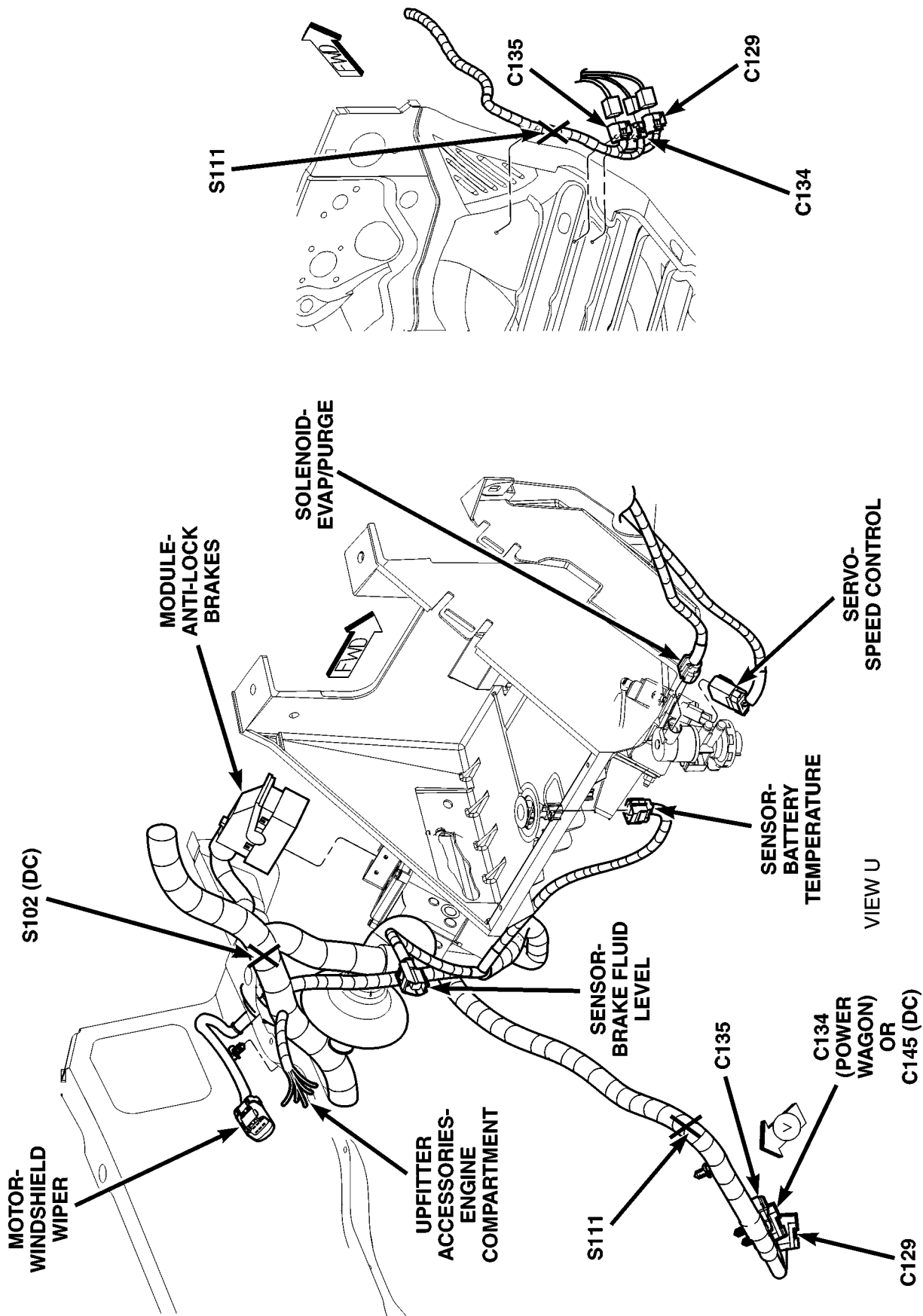
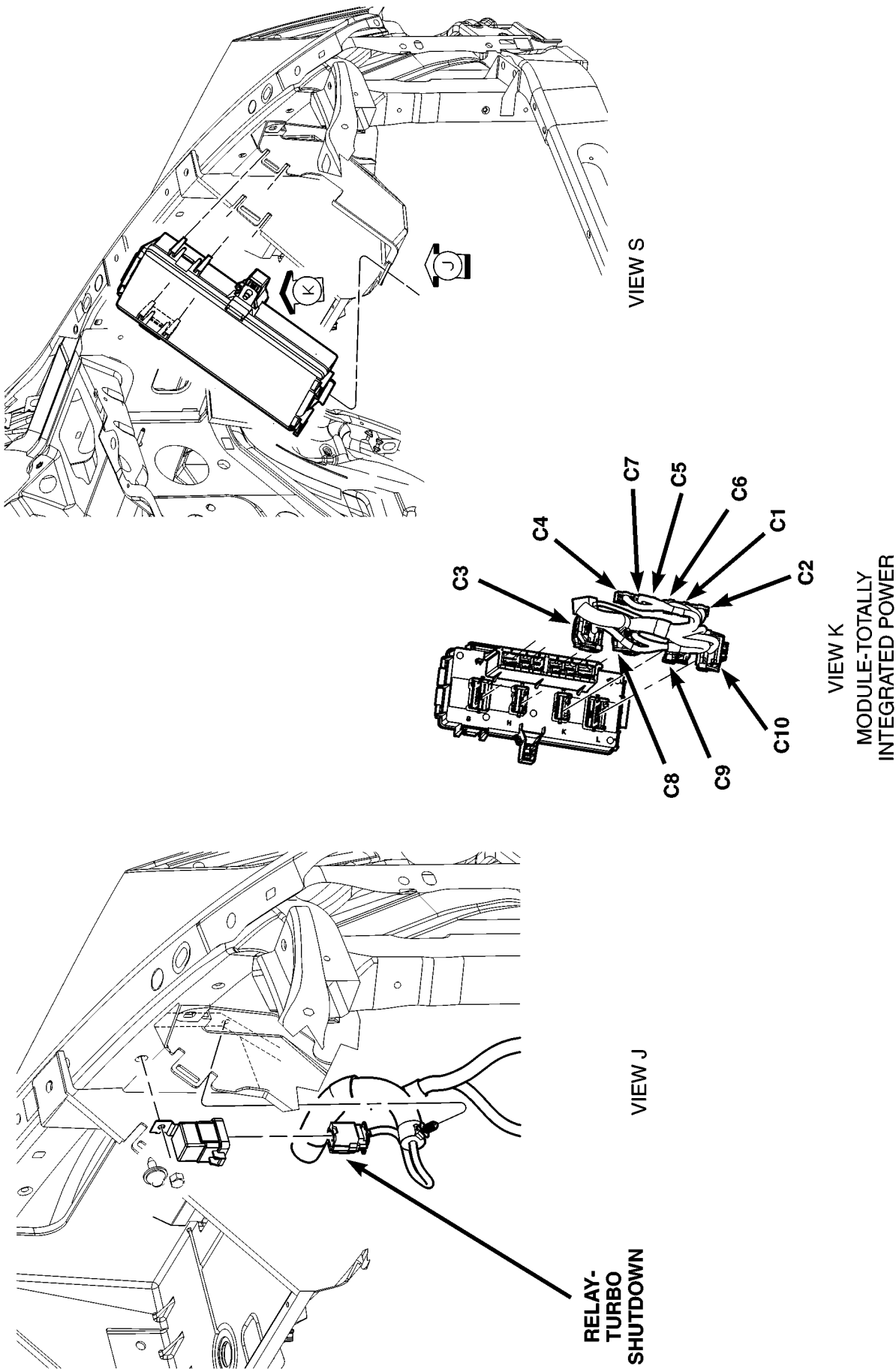
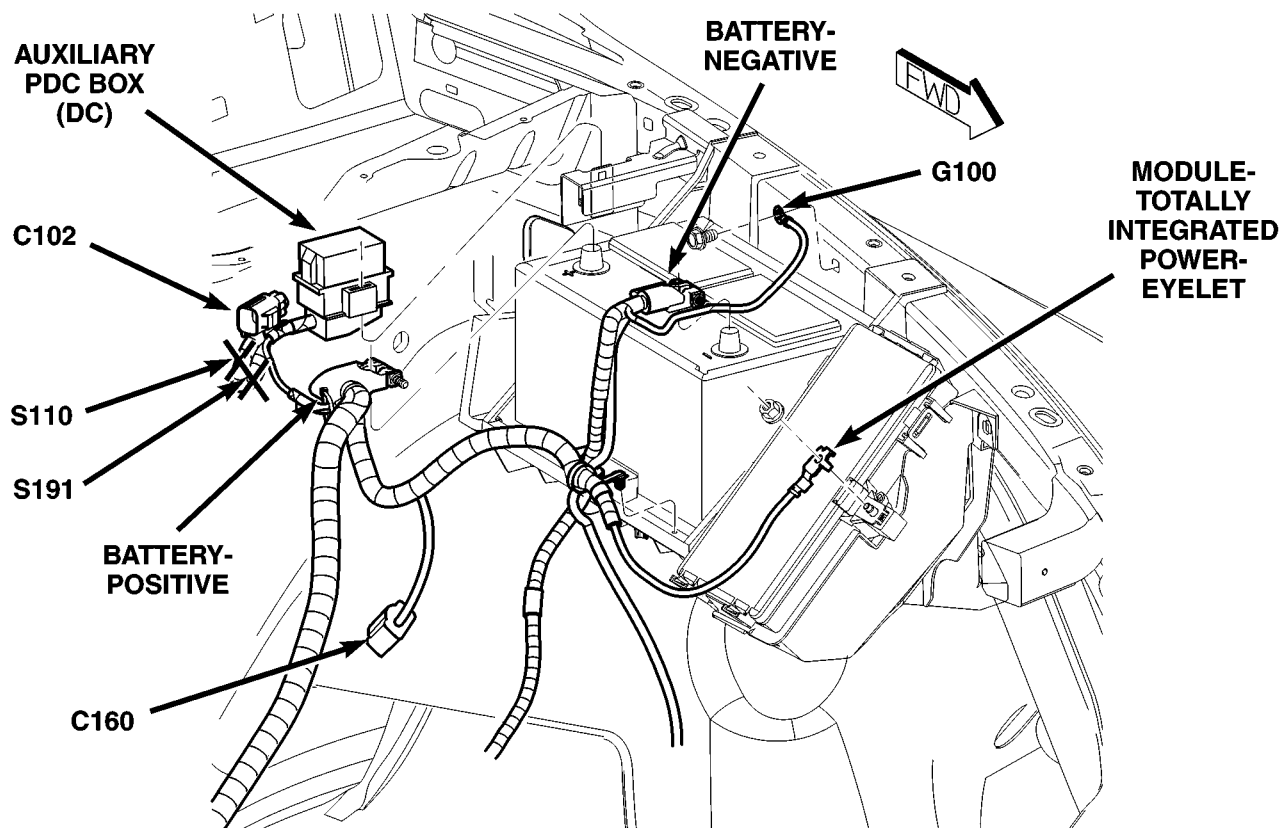


Fig. 32 LEFT SIDE ENGINE COMPARTMENT



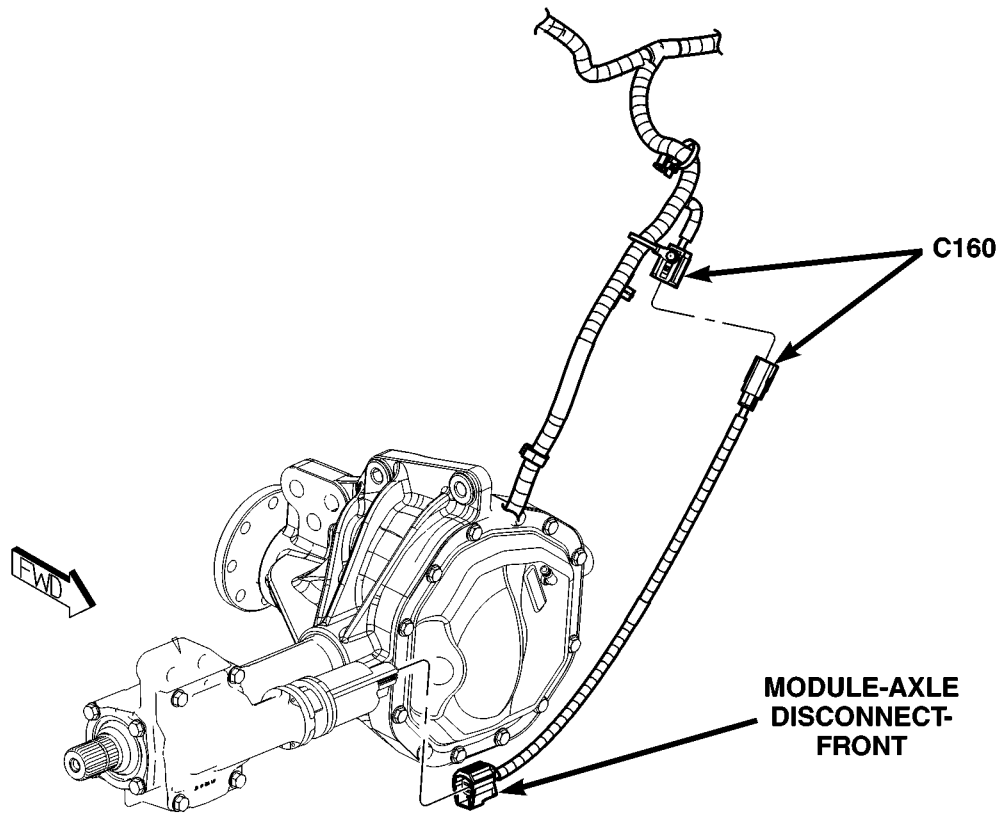
81036211

Fig. 33 LEFT FRONT ENGINE COMPARTMENT



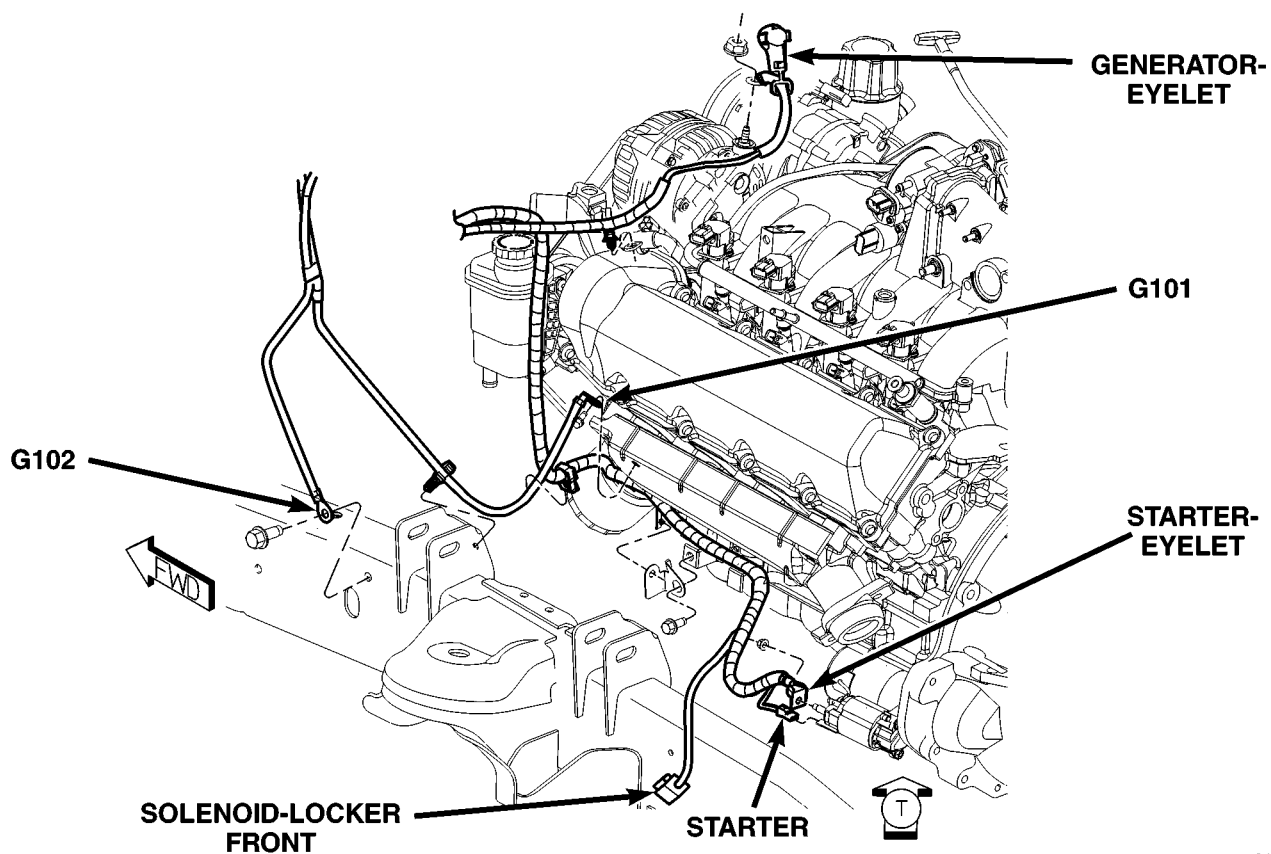
812d16e5

Fig. 34 BATTERY



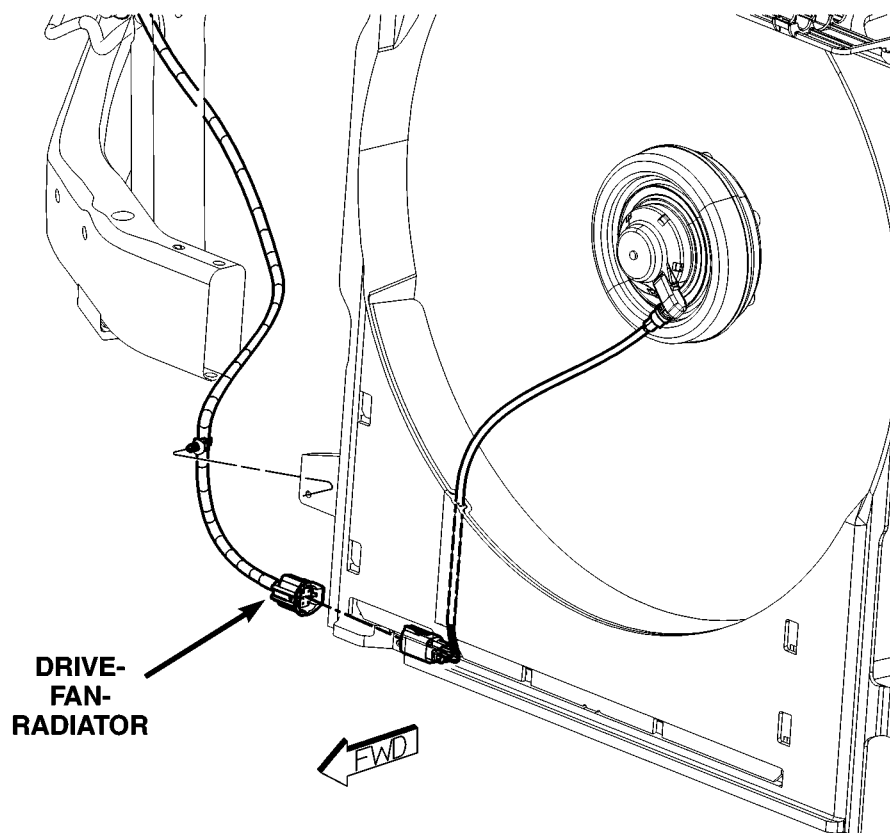
8195a3ca

Fig. 35 FRONT AXLE DISCONNECT JUMPER



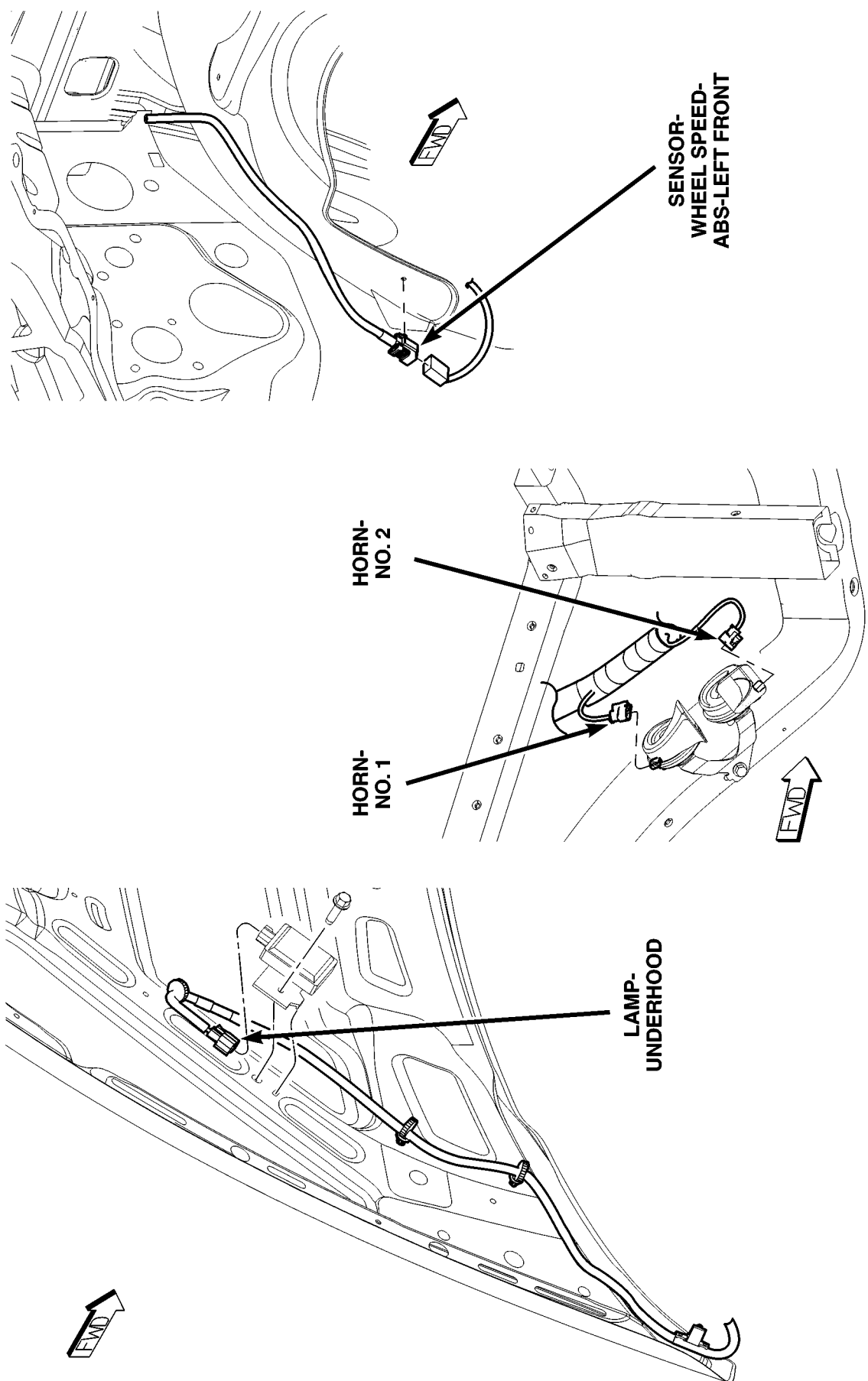
812d16ef

Fig. 36 LEFT GROUNDS AND STARTER



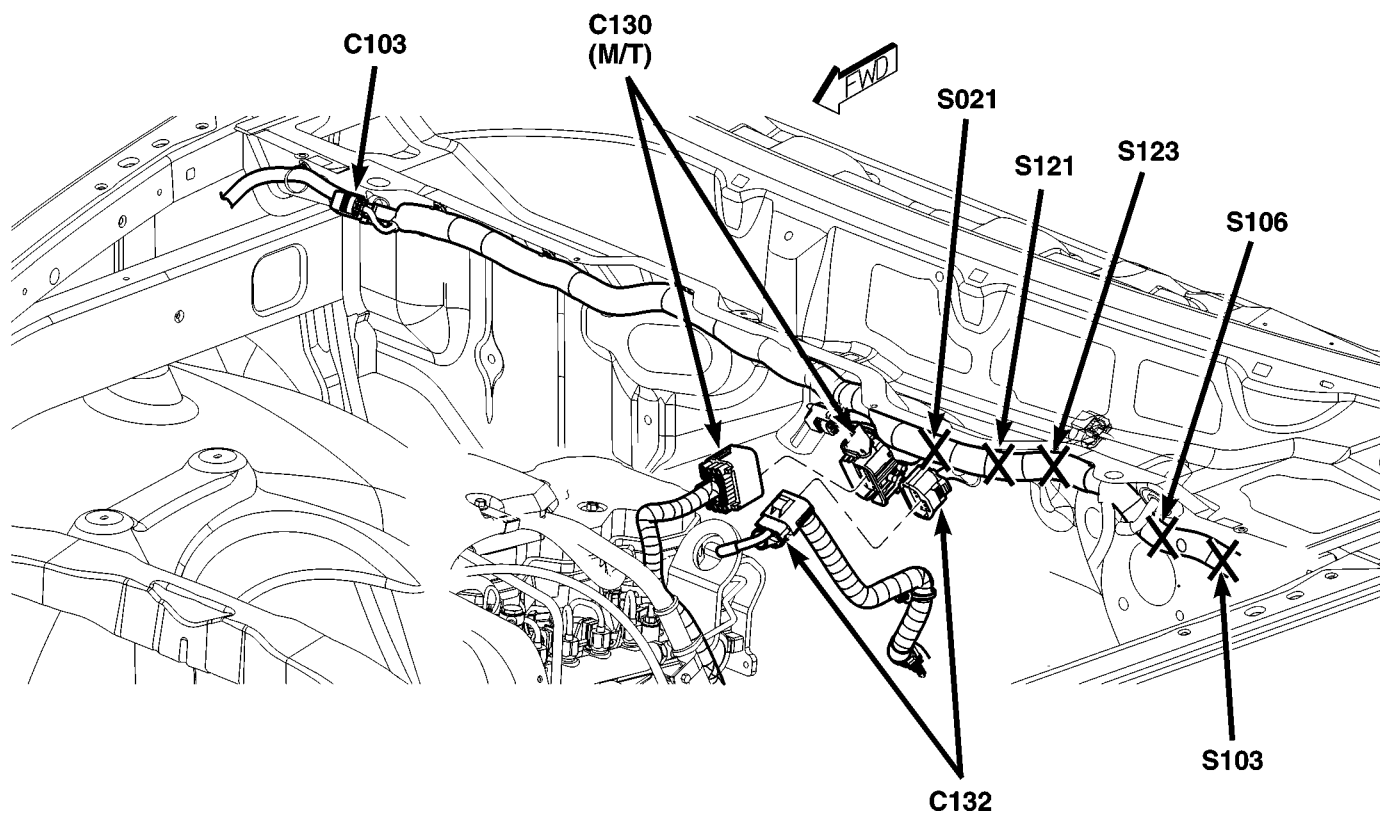
8103642b

Fig. 37 FRONT ENGINE COMPARTMENT



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Fig. 38 LEFT SIDE ENGINE COMPARTMENT



8141c720

Fig. 39 REAR ENGINE COMPARTMENT INLINES (DIESEL)

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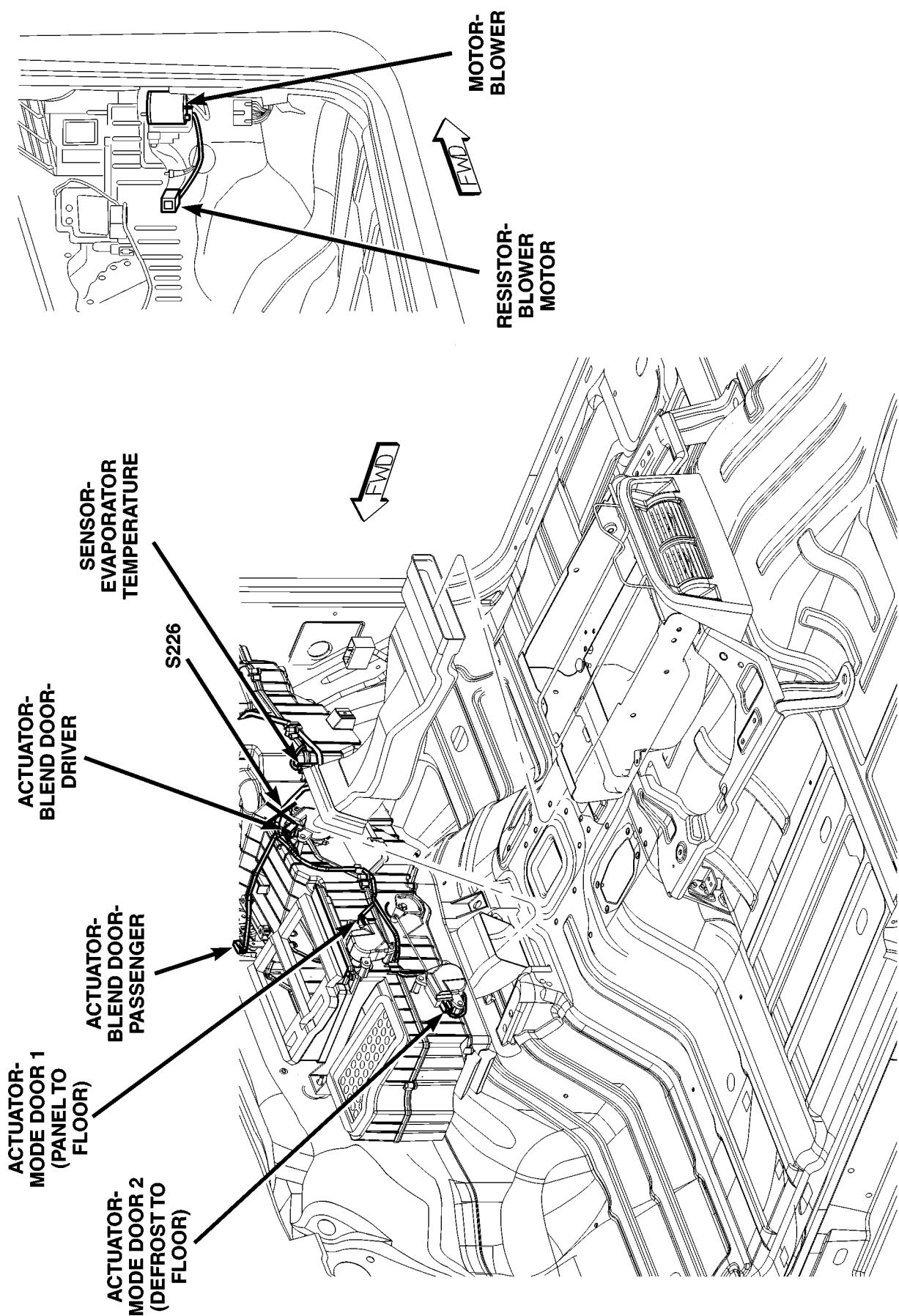
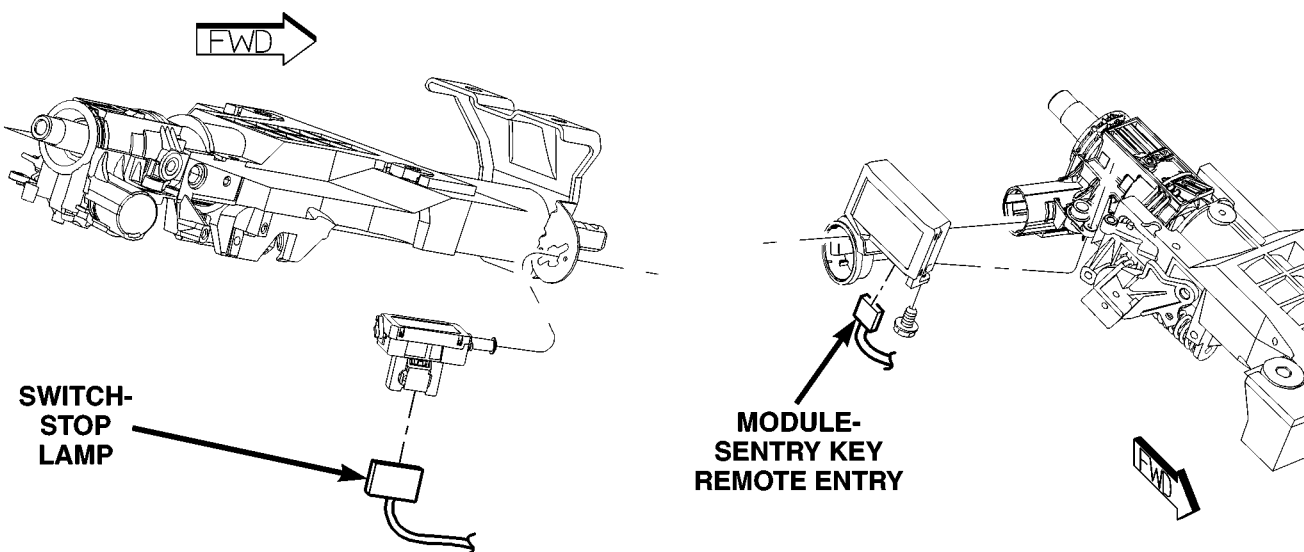


Fig. 40 HVAC ASSEMBLY



80d60185

Fig. 41 STEERING COLUMN

8103654a

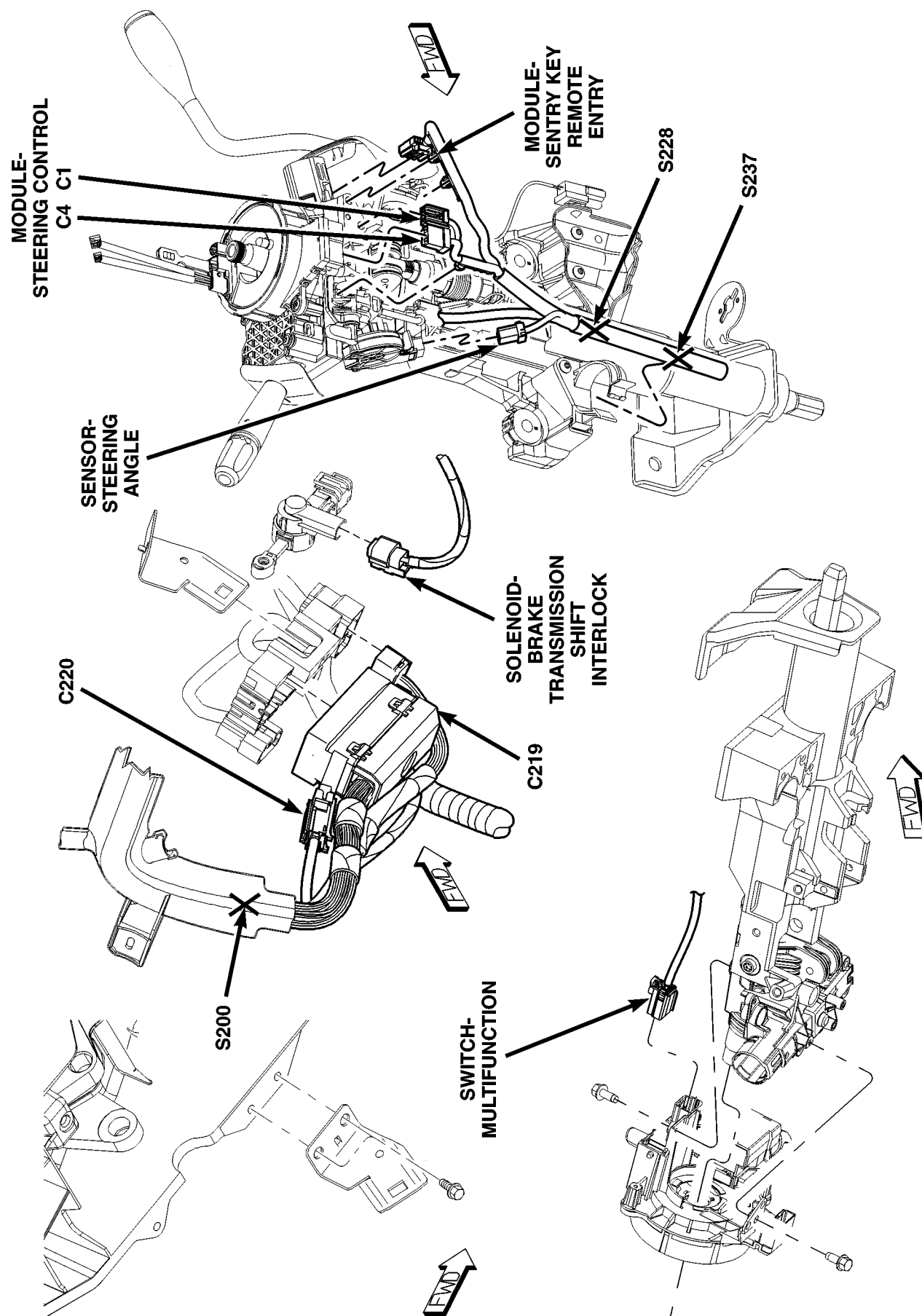
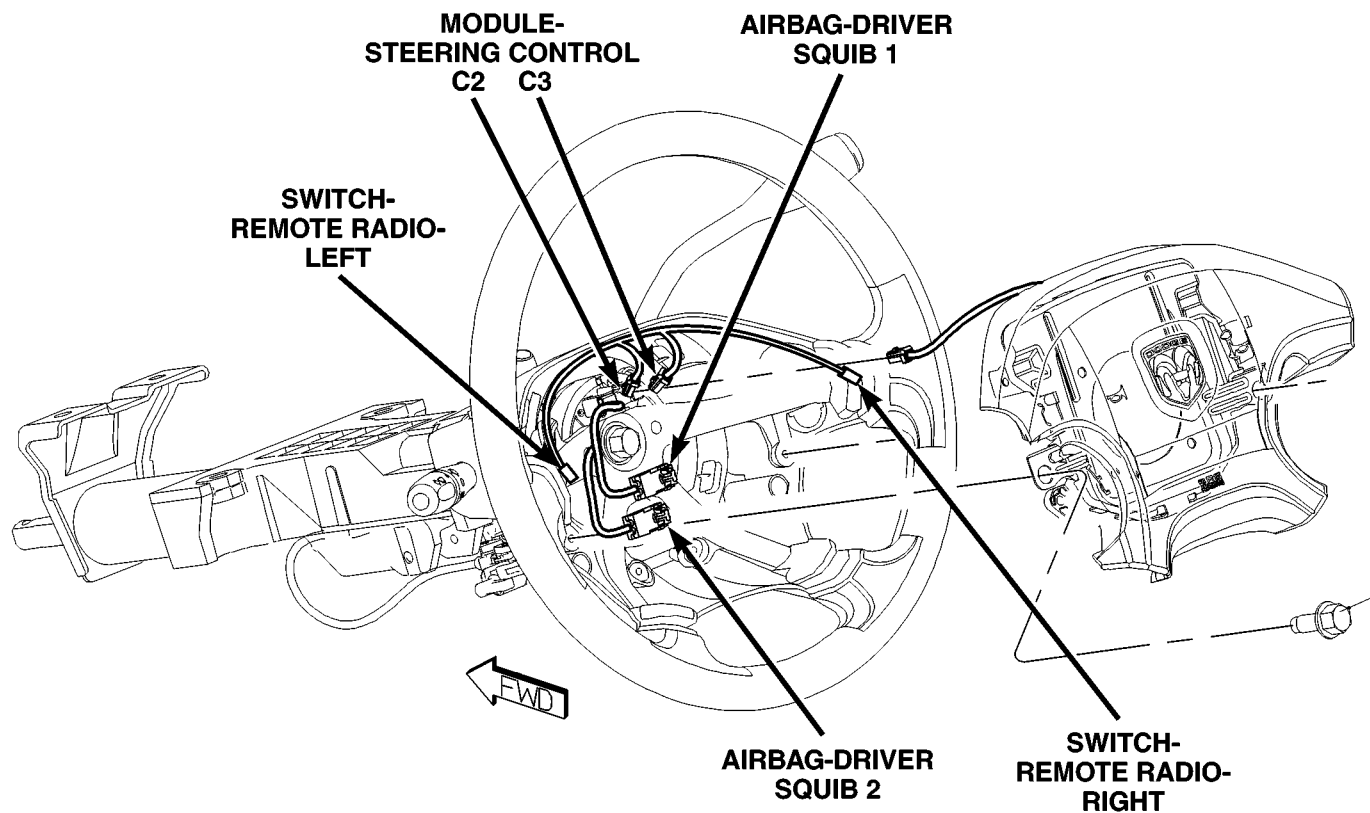


Fig. 42 LEFT STEERING COLUMN



8131ee91

Fig. 43 STEERING WHEEL

80d60182

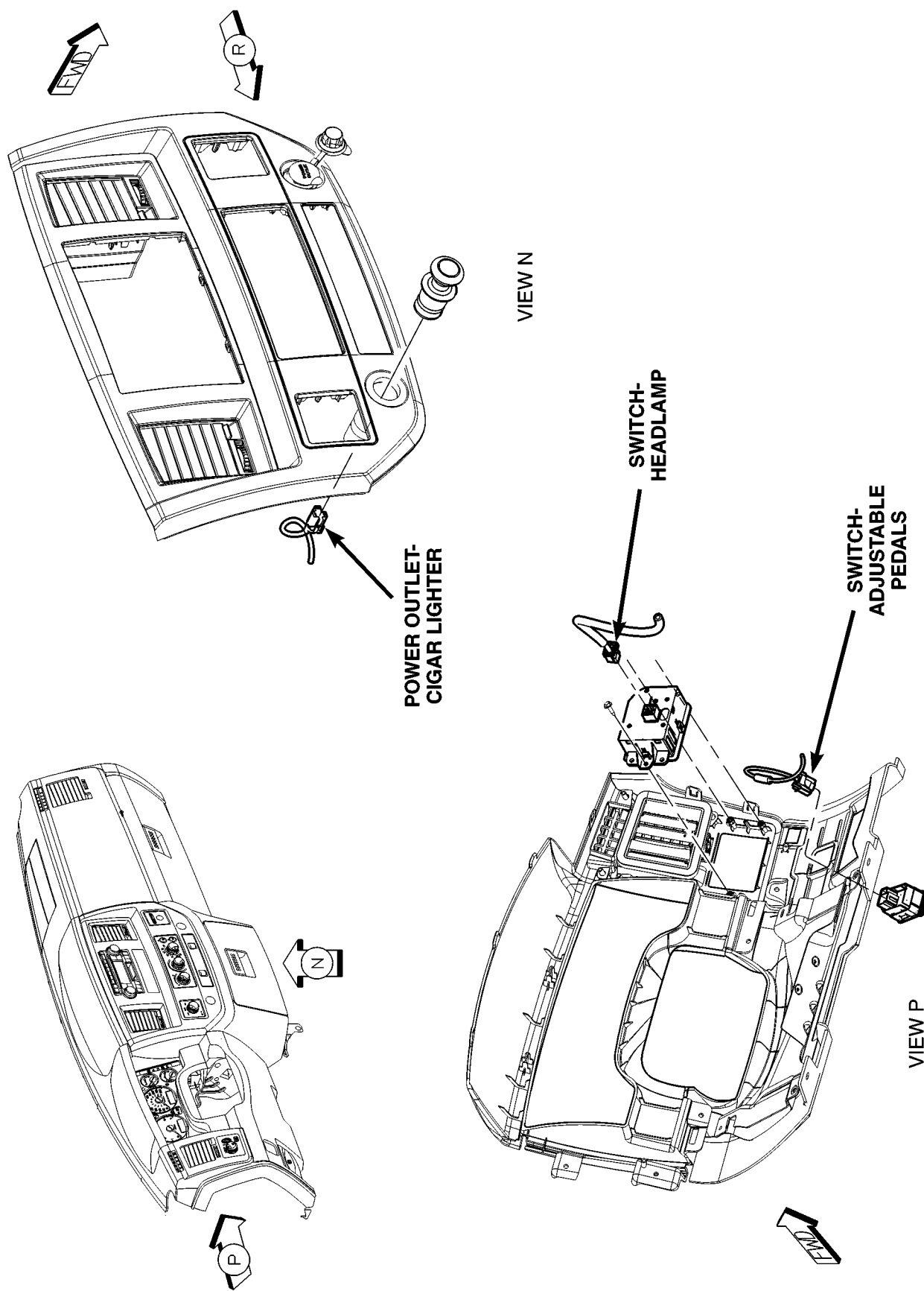
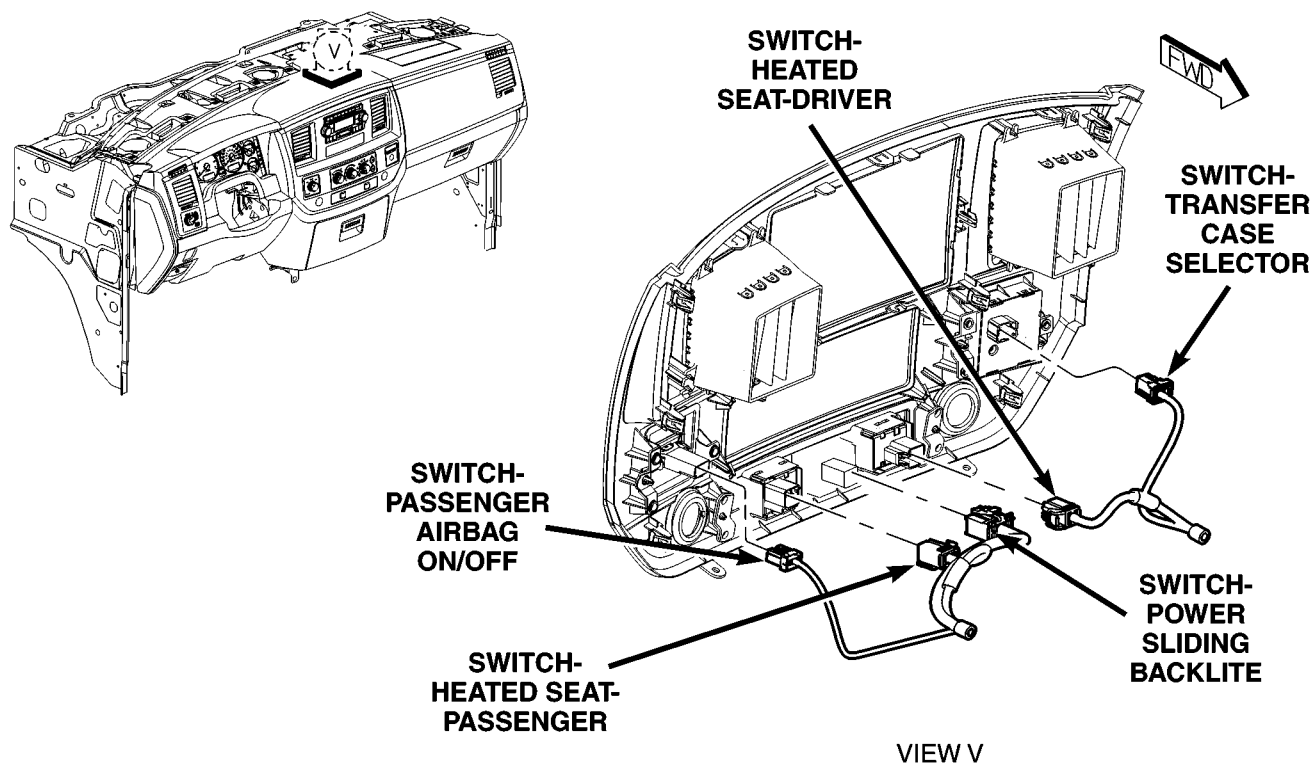
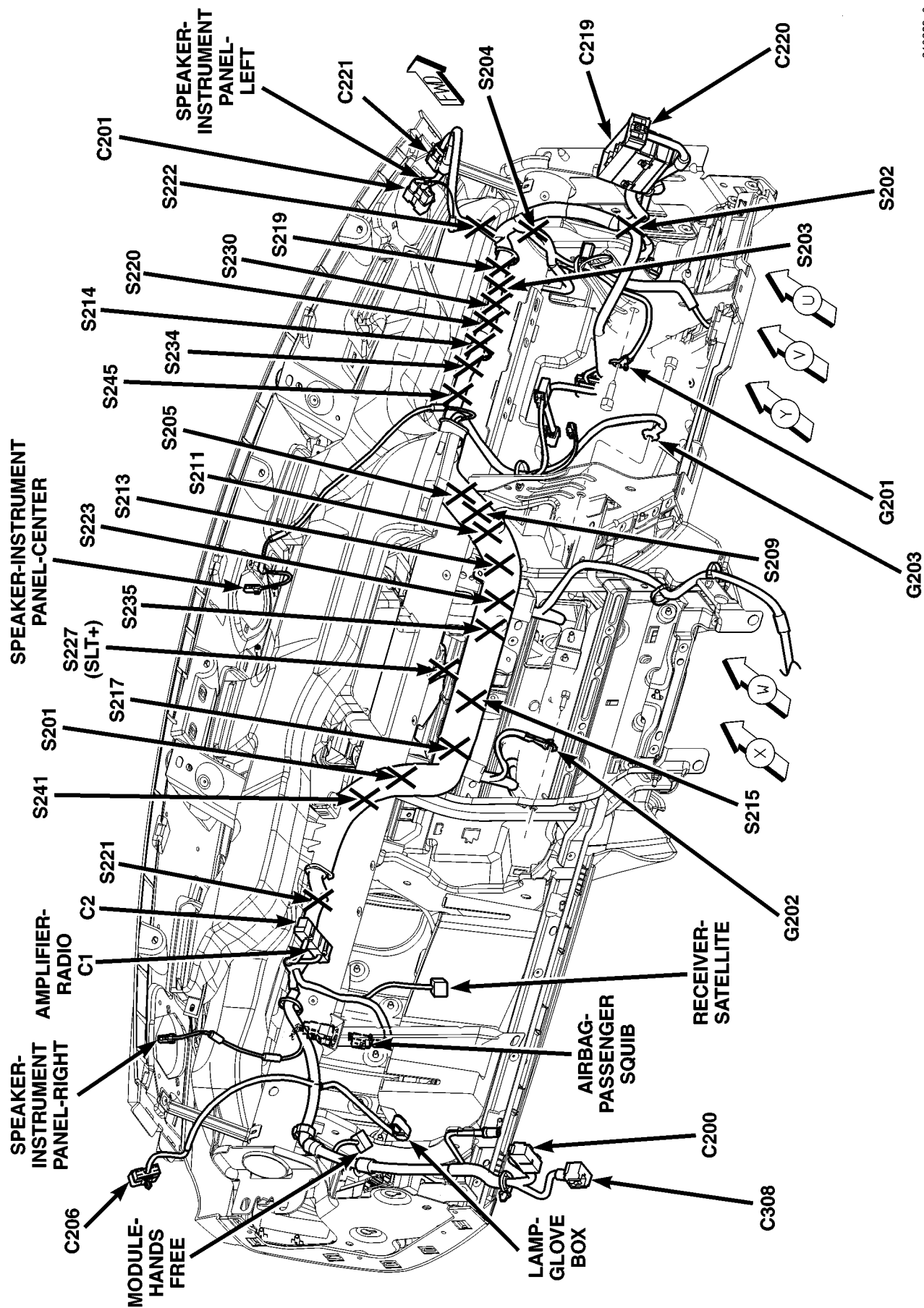


Fig. 44 LEFT SIDE OF CENTER STACK



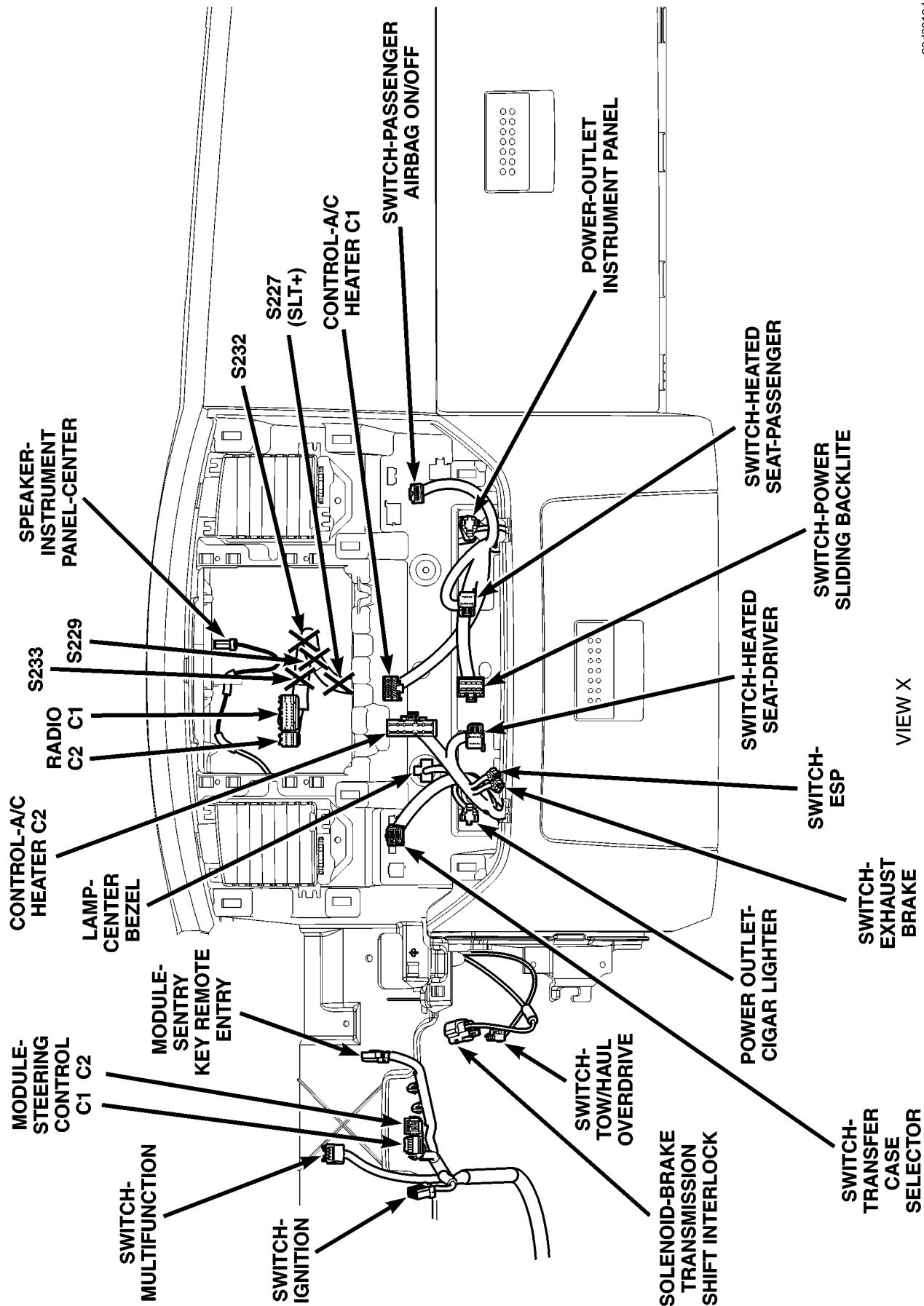
80d60184

Fig. 45 CENTER STACK



810369e0

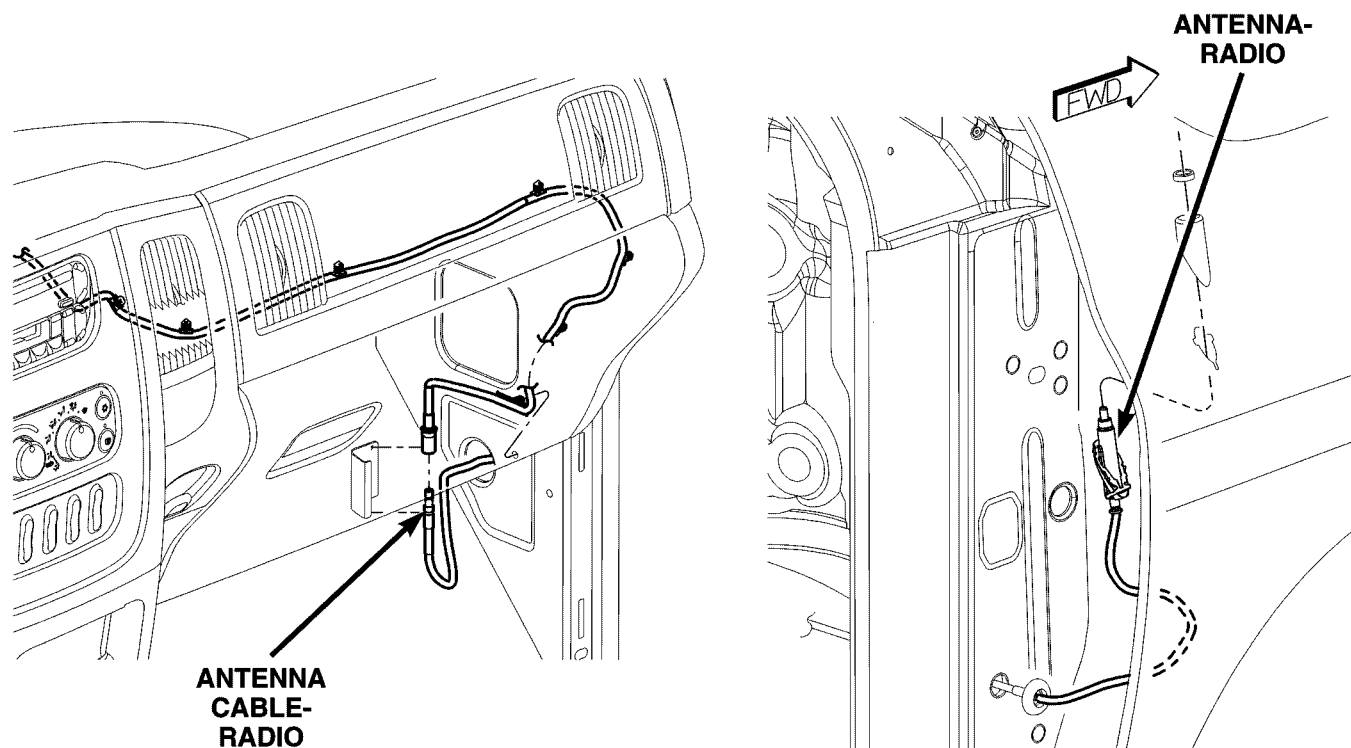
Fig. 46 INSTRUMENT PANEL



80d6016d

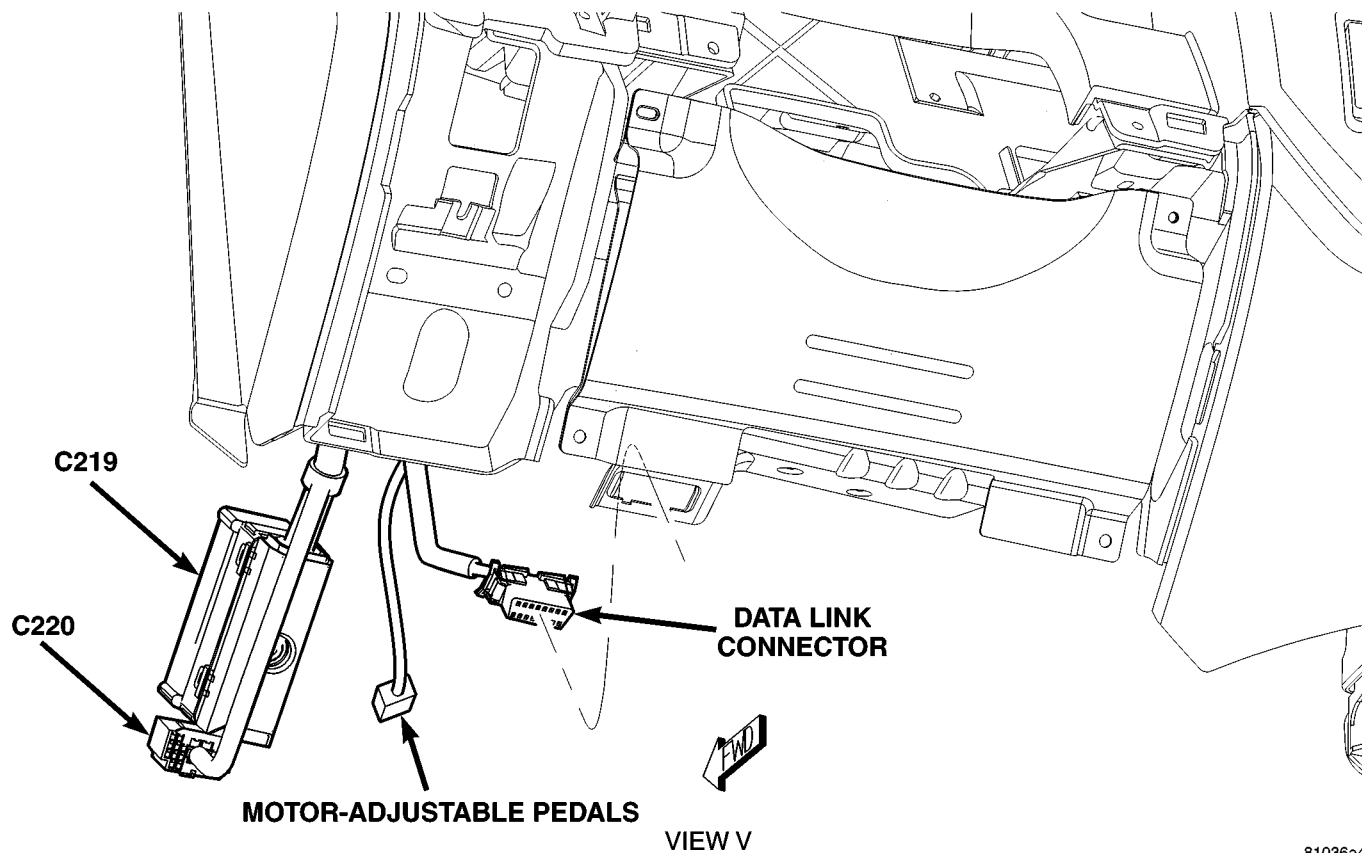
VIEW X

Fig. 47 LEFT AND CENTER INSTRUMENT PANEL



811d81f5

Fig. 48 RADIO ANTENNA



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Fig. 49 LOWER LEFT INSTRUMENT PANEL

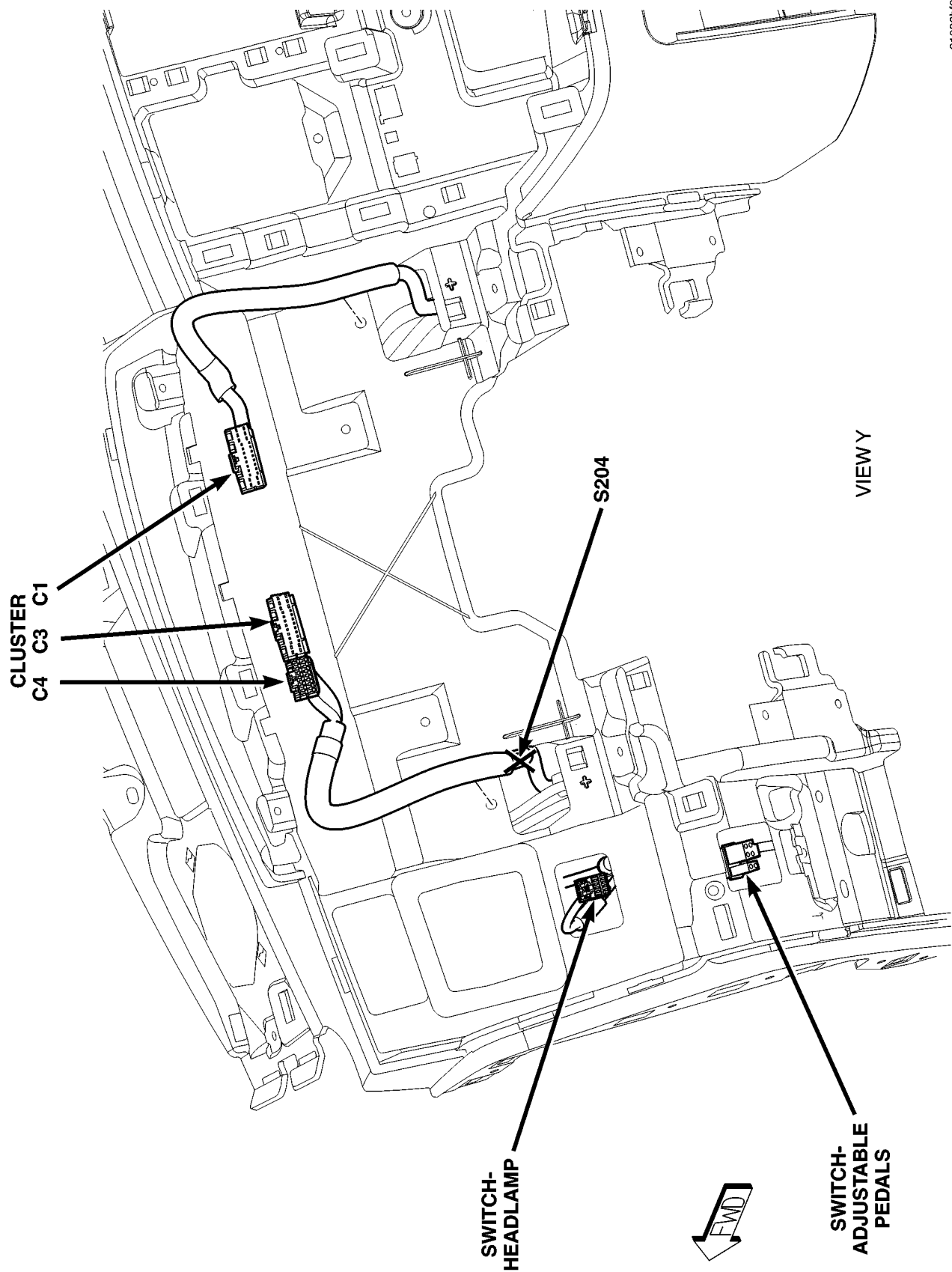
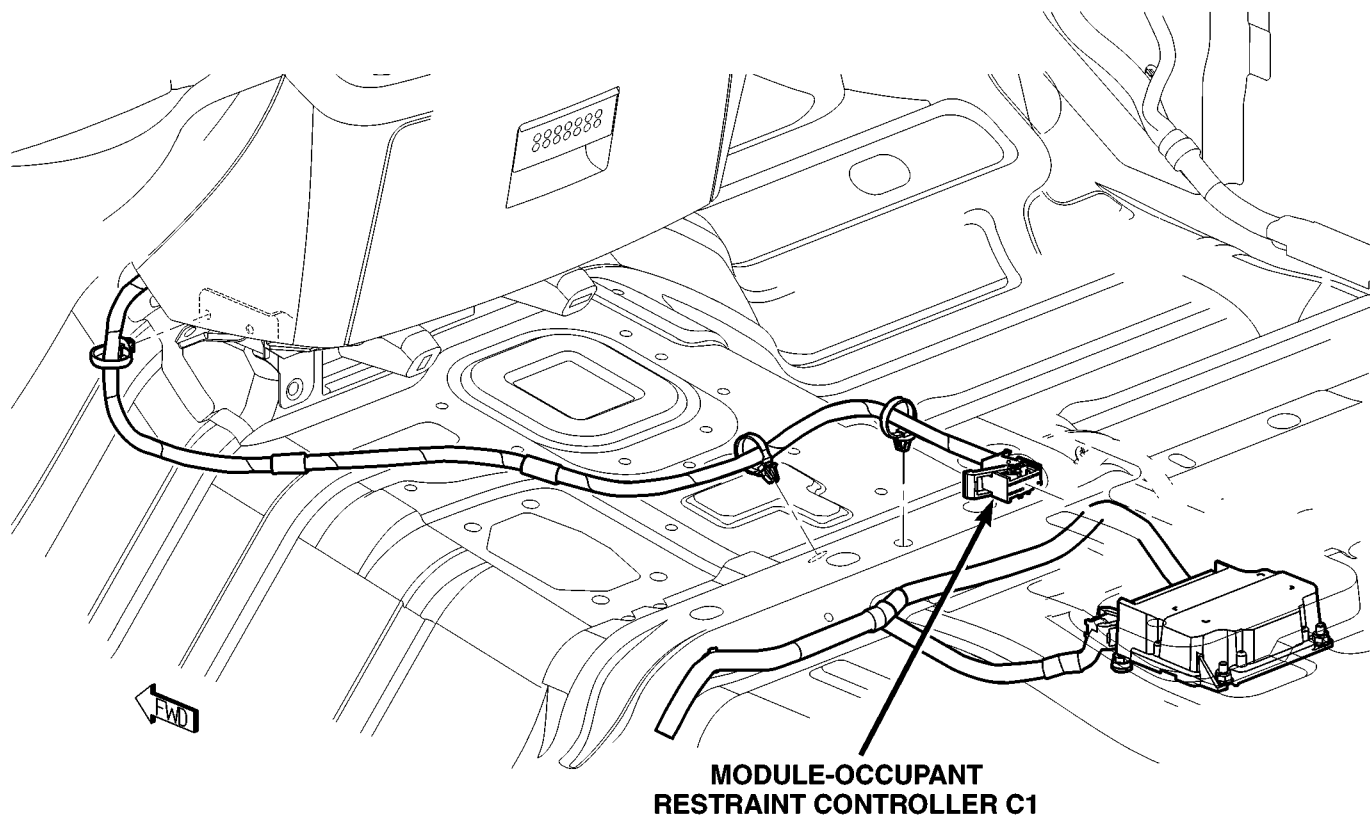
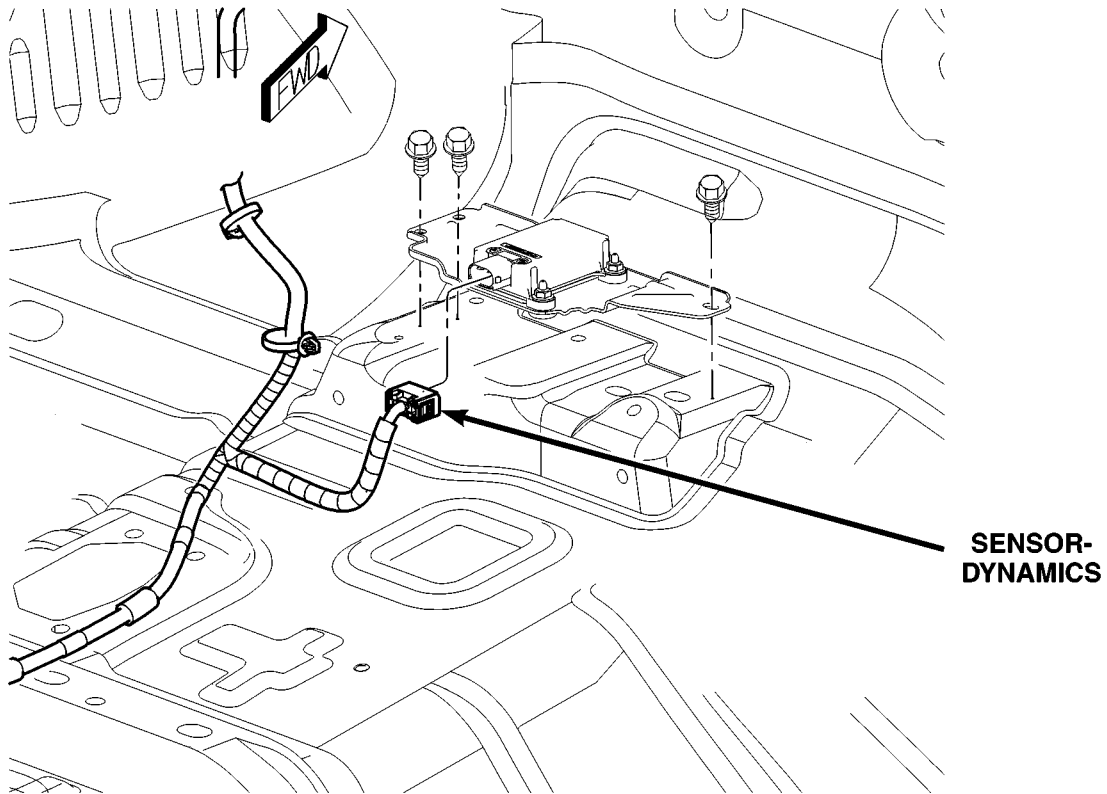


Fig. 50 LEFT INSTRUMENT PANEL



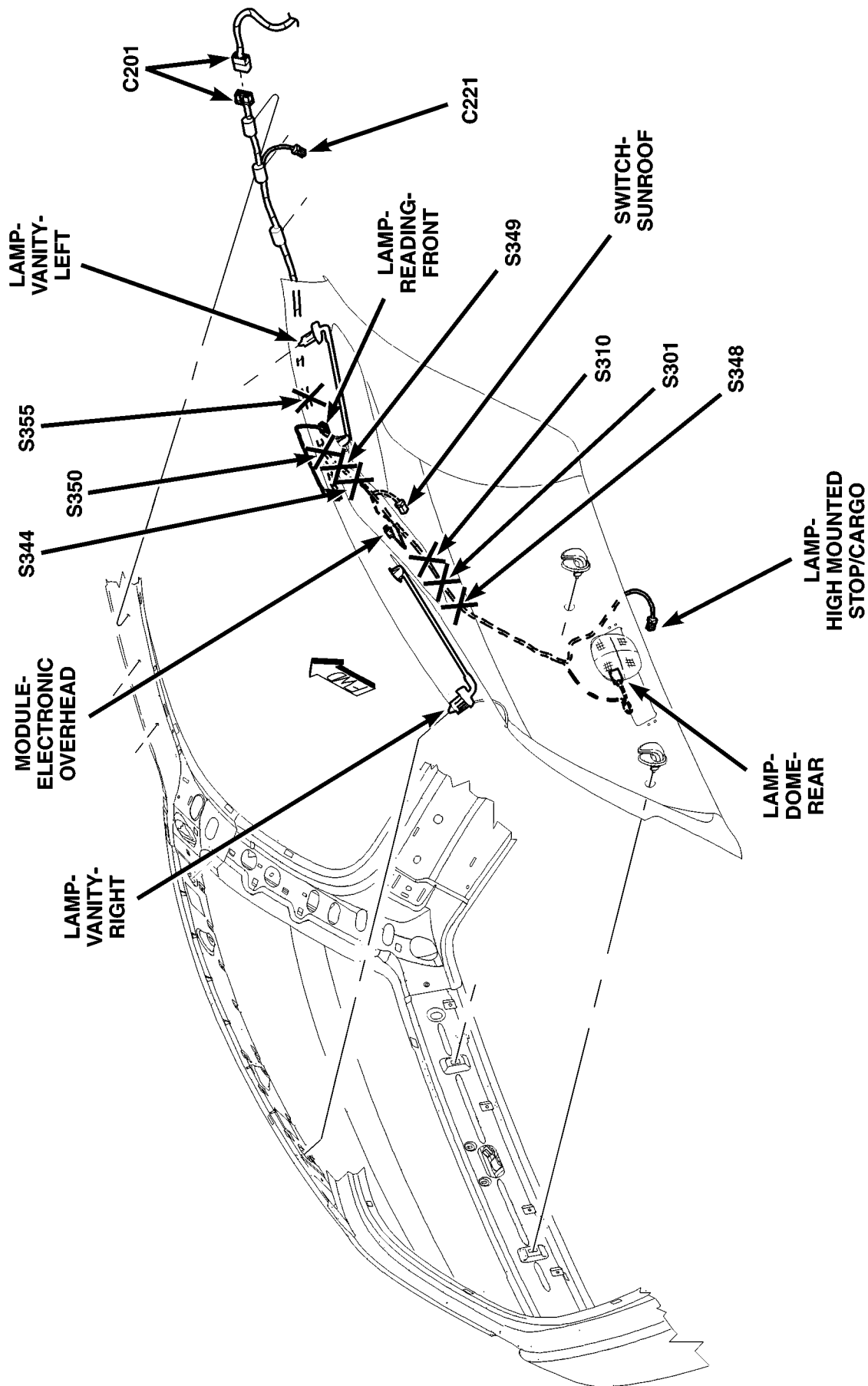
81646204

Fig. 51 FRONT CENTER BODY



8195a3bd

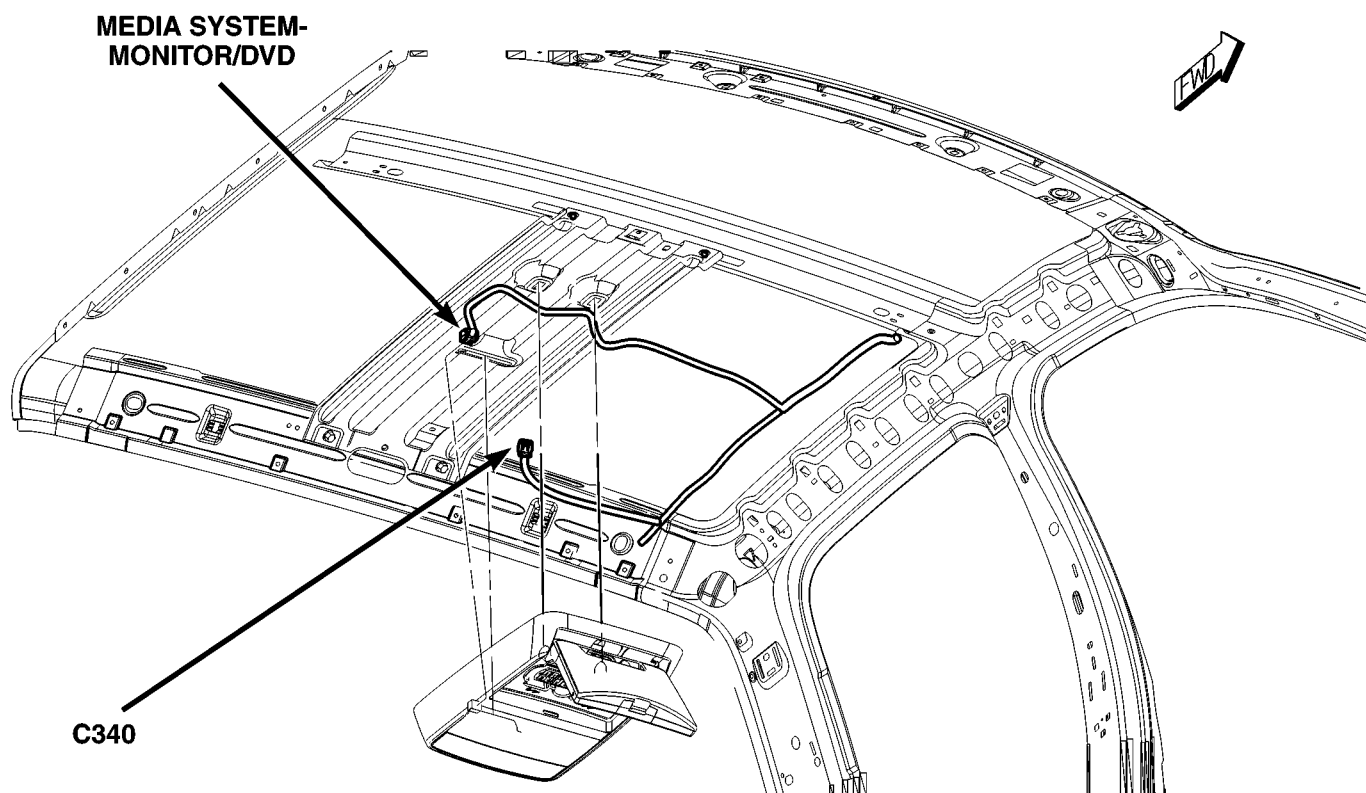
Fig. 52 BASE OF CENTER STACK



8131ee98

(STD) HEADLINER

Fig. 53 HEADLINER



8164621a

Fig. 54 CENTER HEADLINER

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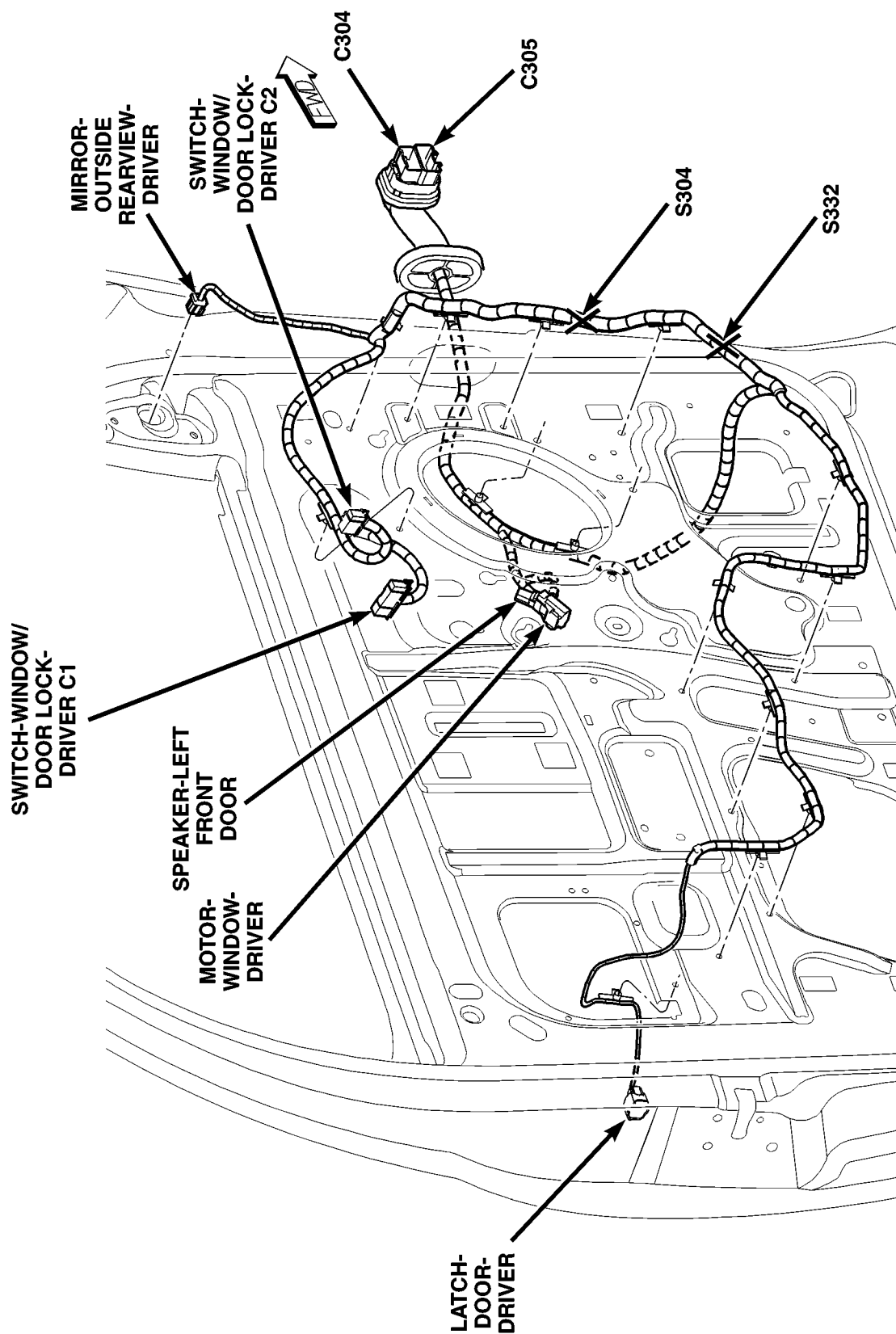


Fig. 55 LEFT FRONT DOOR PREMIUM

811d81f9

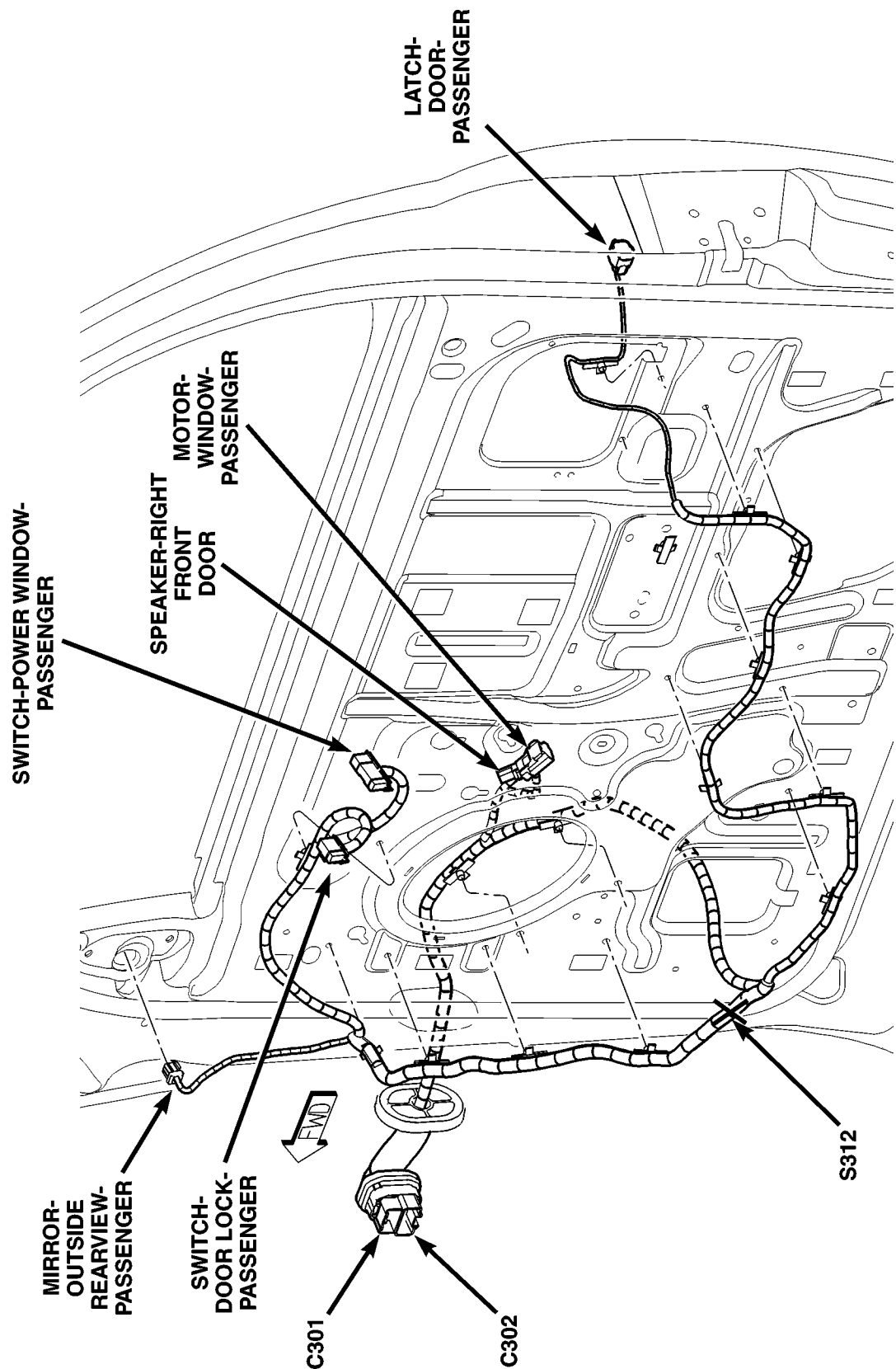
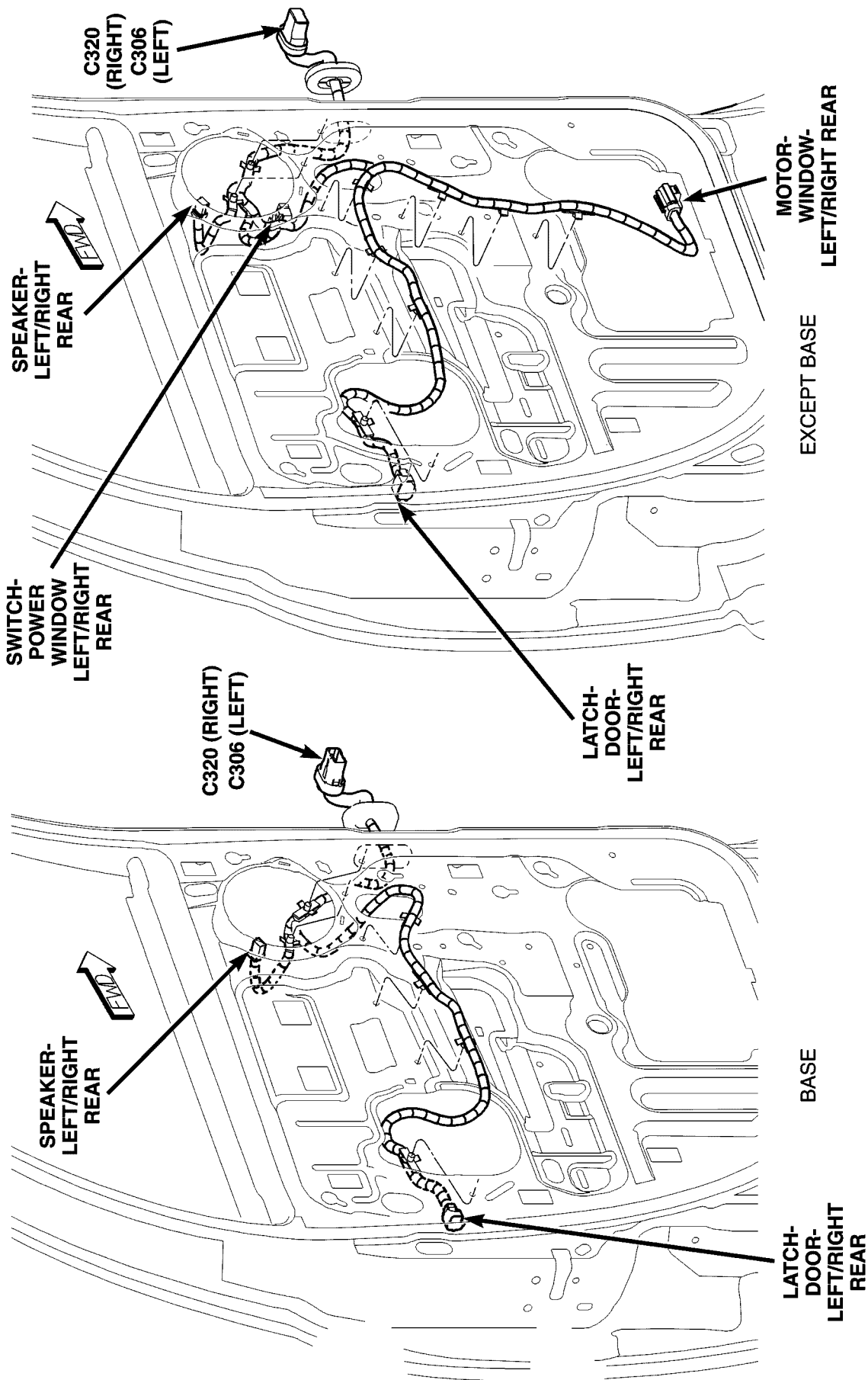
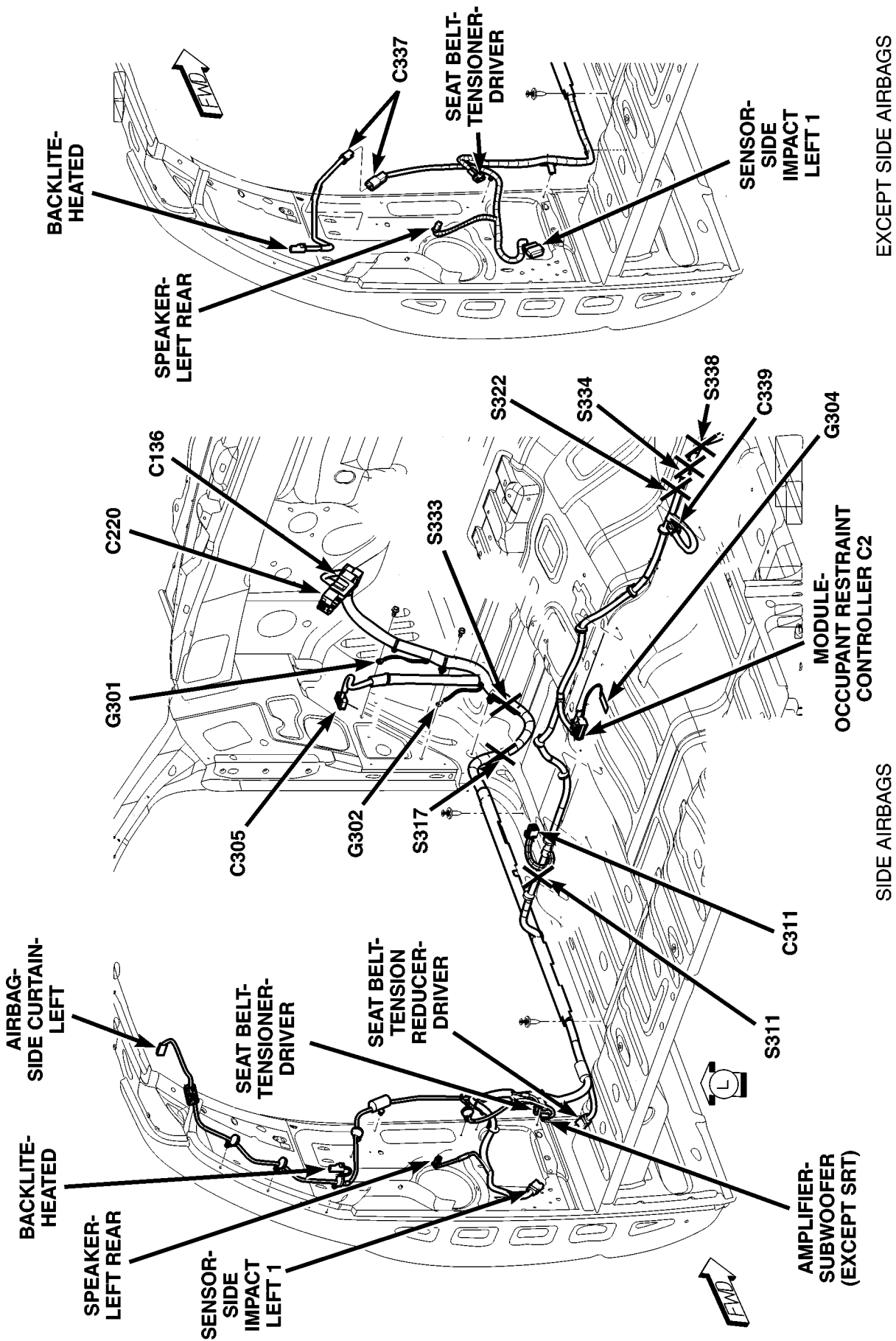


Fig. 56 RIGHT FRONT DOOR PREMIUM



80d60162

Fig. 57 LEFT REAR DOOR (RIGHT SIDE SIMILAR)



80d60137

Fig. 58 LEFT SIDE BODY - STANDARD CAB

8141c72a

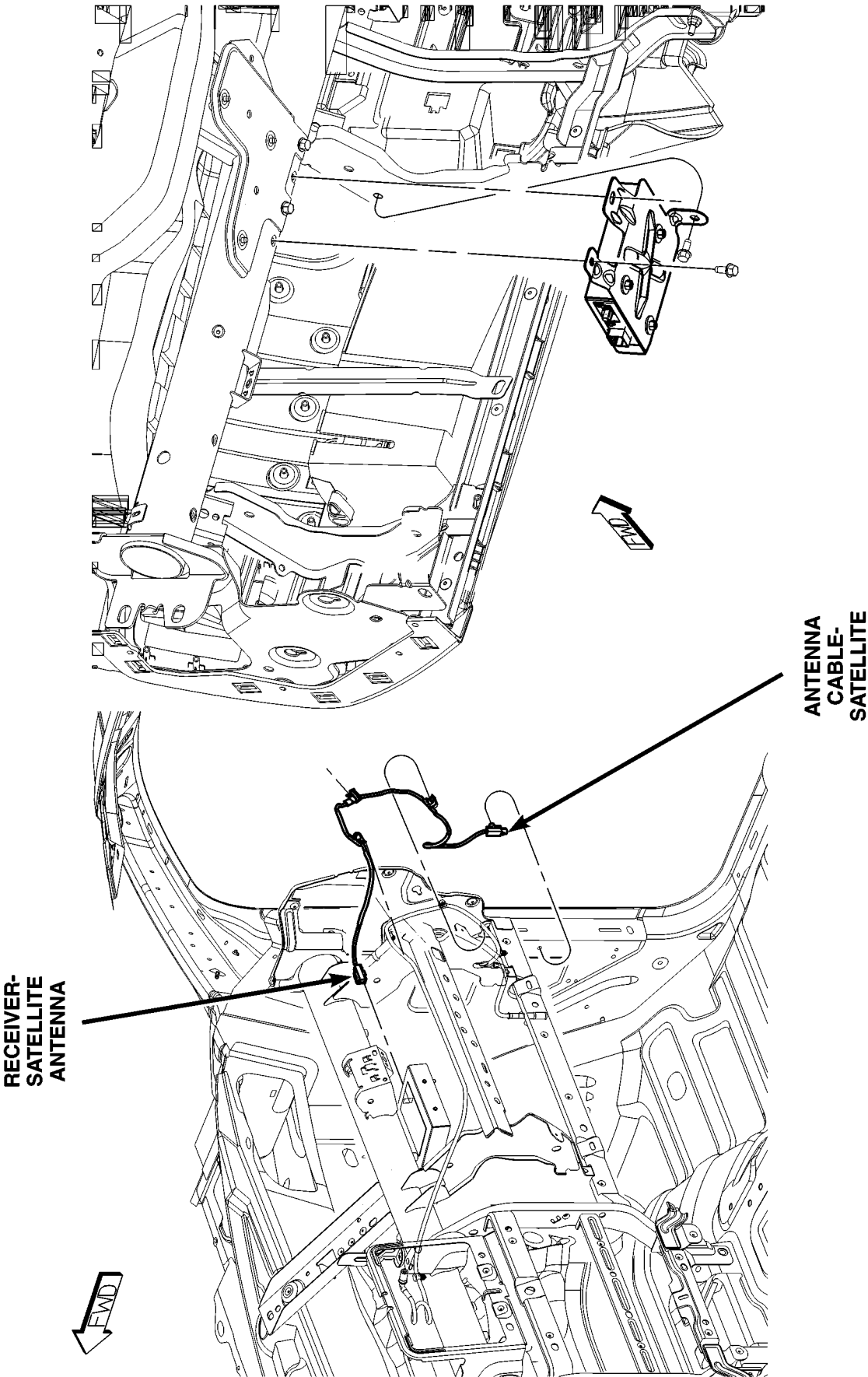


Fig. 59 SATELLITE RECEIVER

8141c72e

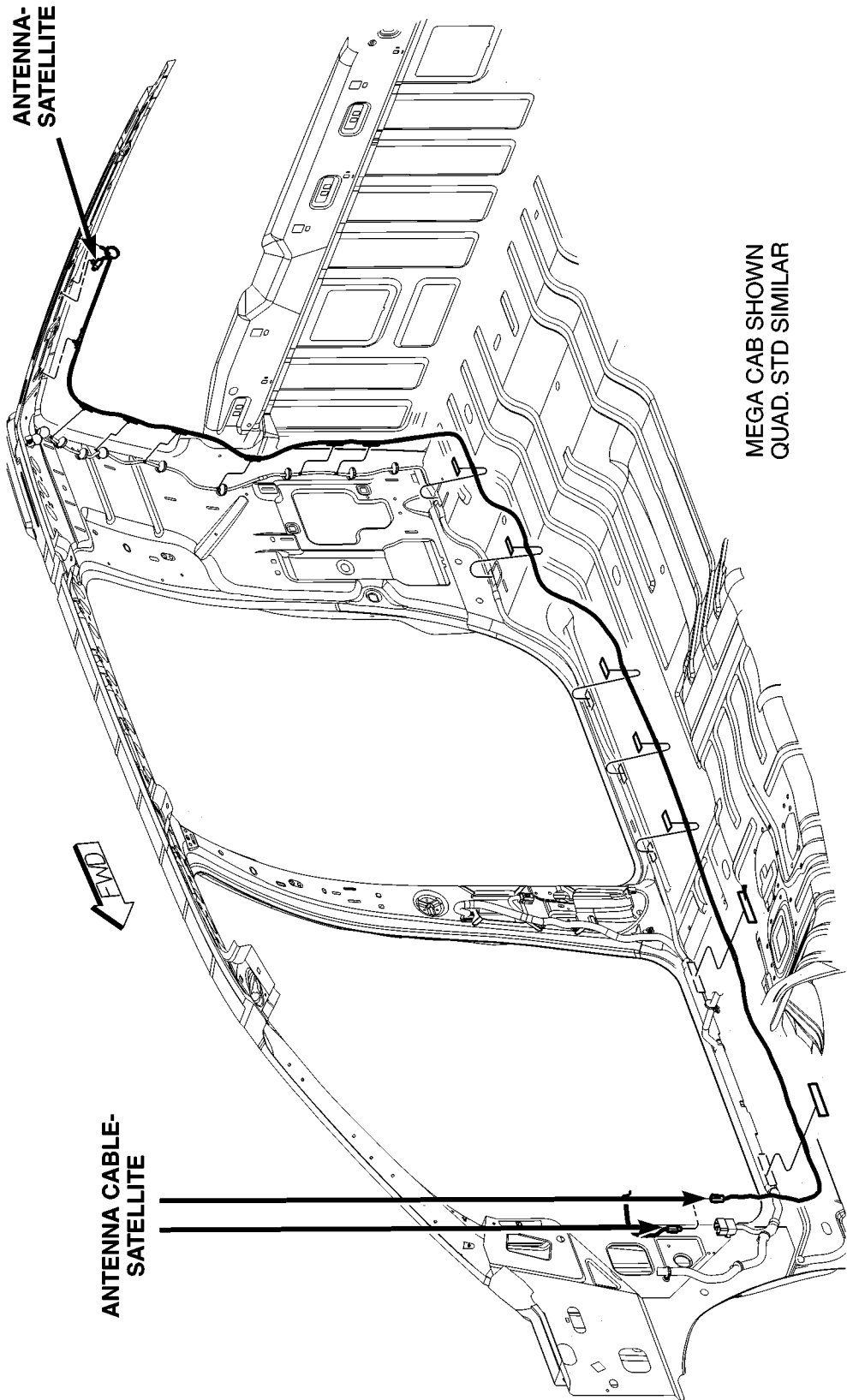
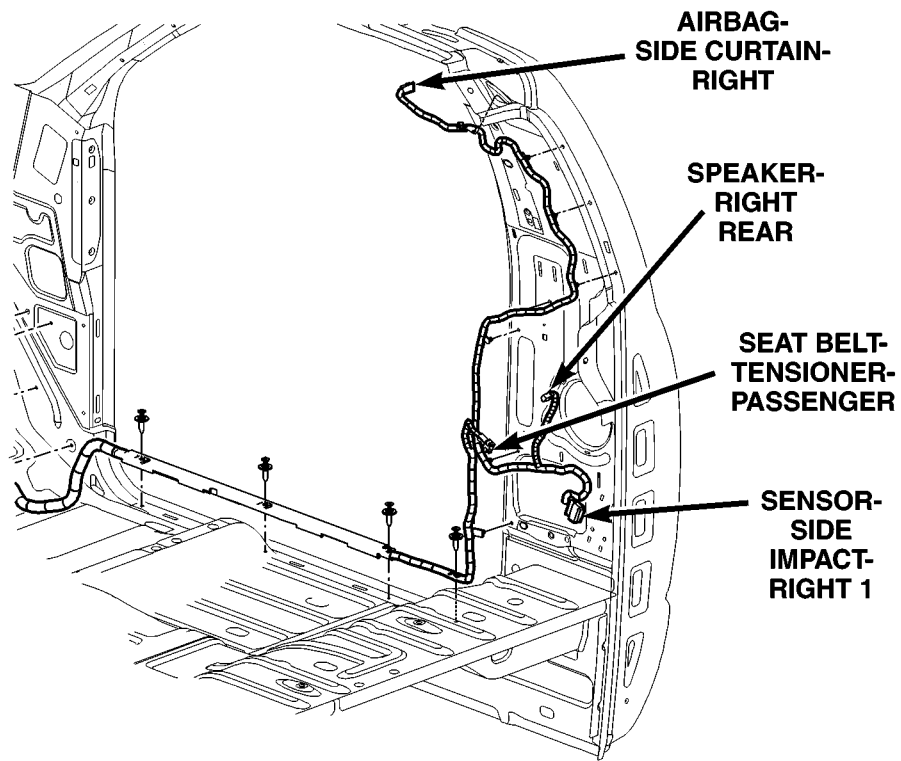
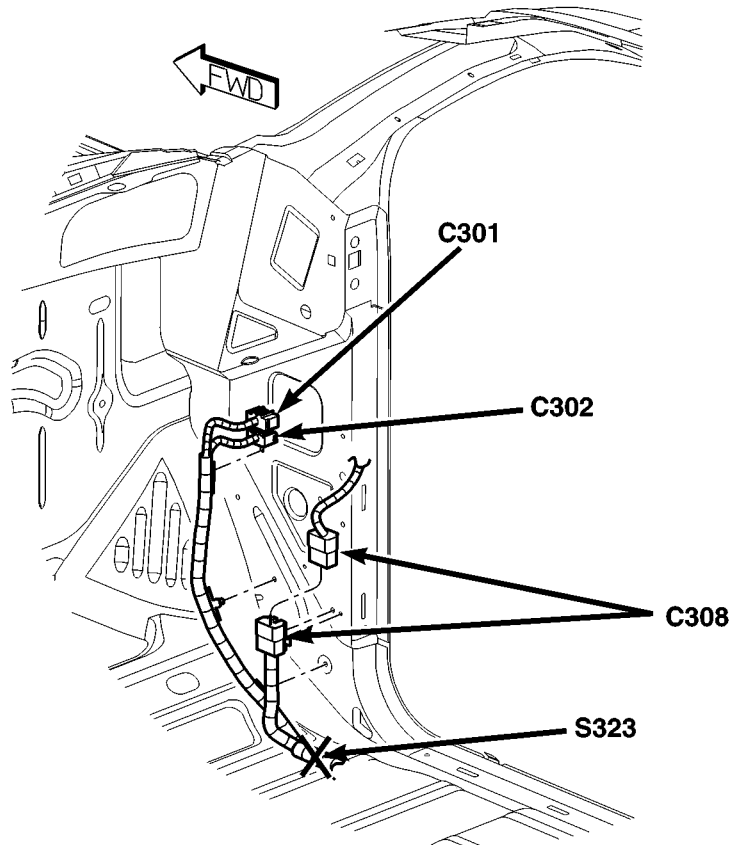


Fig. 60 SATELLITE ANTENNA CABLE



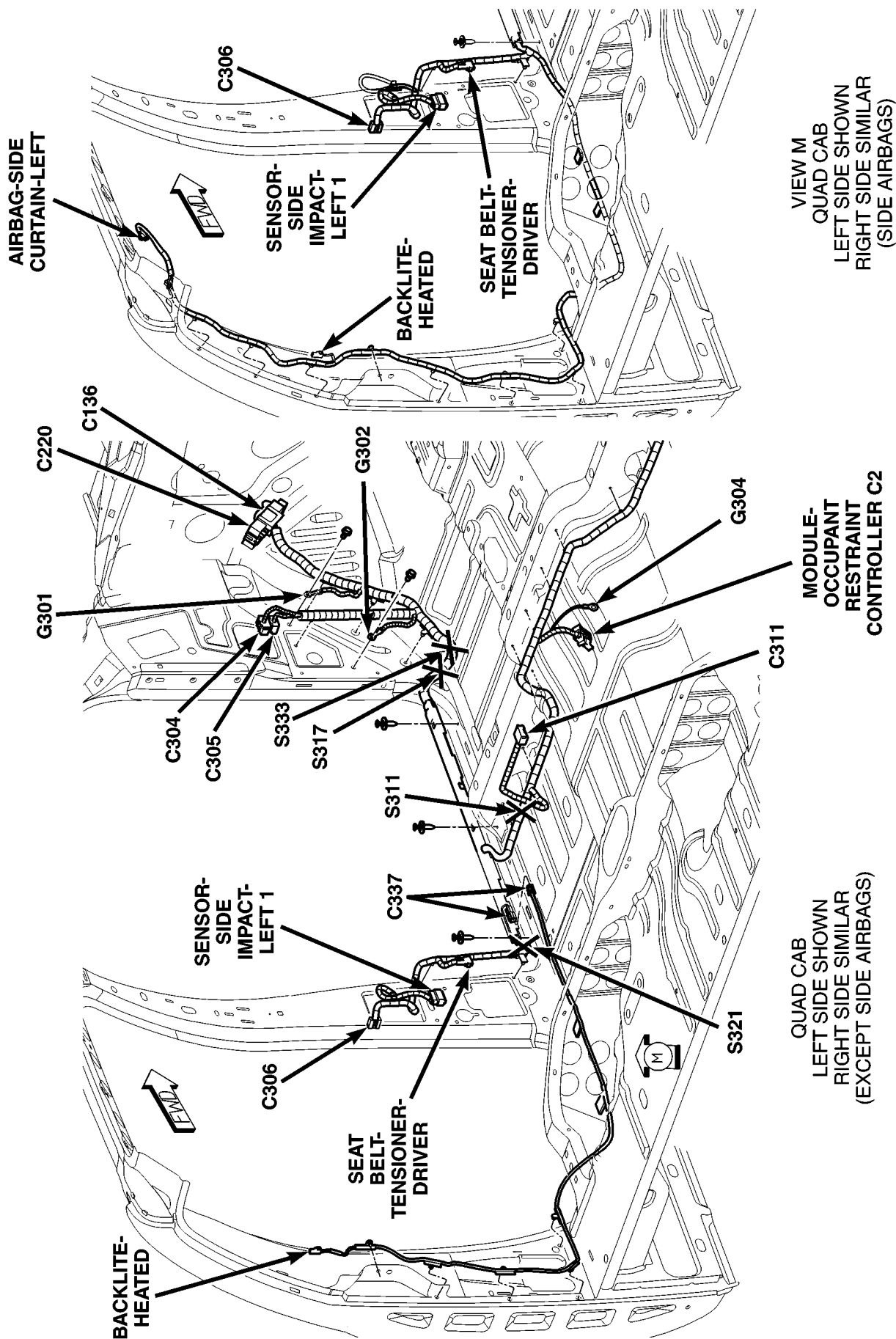
811d8201

Fig. 61 STANDARD CAB RIGHT SIDE BODY



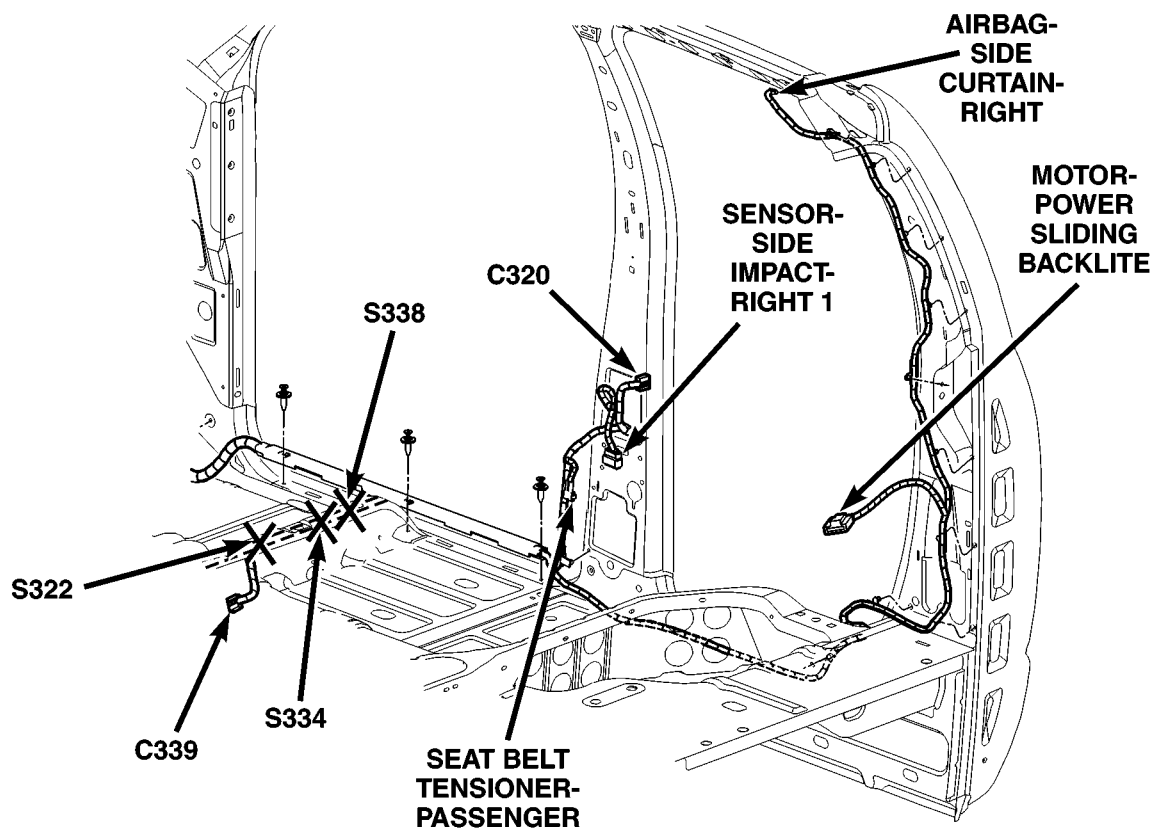
8195a3c2

Fig. 62 RIGHT FRONT BODY



80d60139

Fig. 63 LEFT SIDE BODY - QUAD CAB/MEGA CAB



811d8205

Fig. 64 RIGHT SIDE BODY - QUAD CAB/MEGA CAB

81036c11

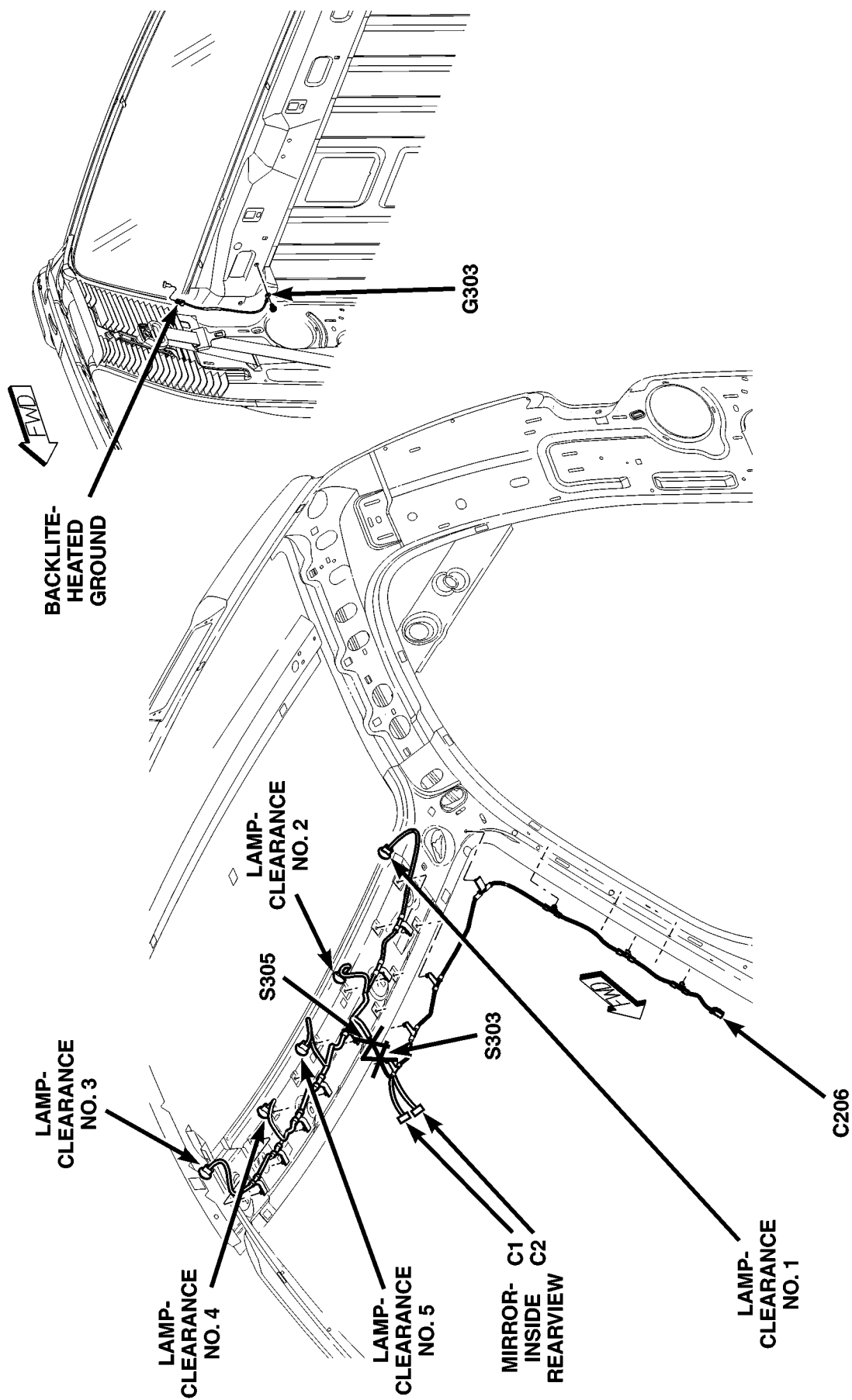


Fig. 65 ROOF

8165a936

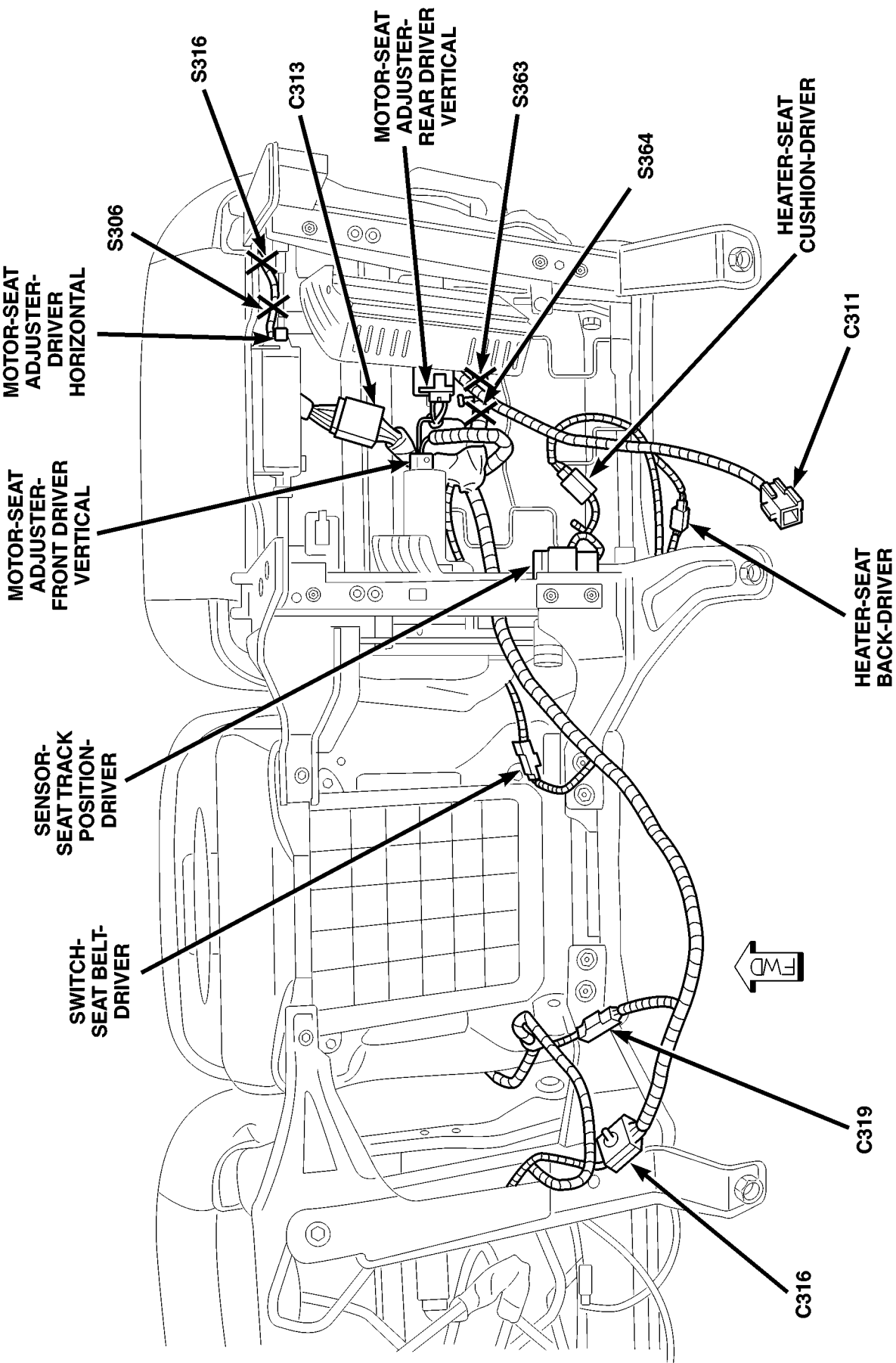


Fig. 66 CENTER AND DRIVER SEAT

8165a93a

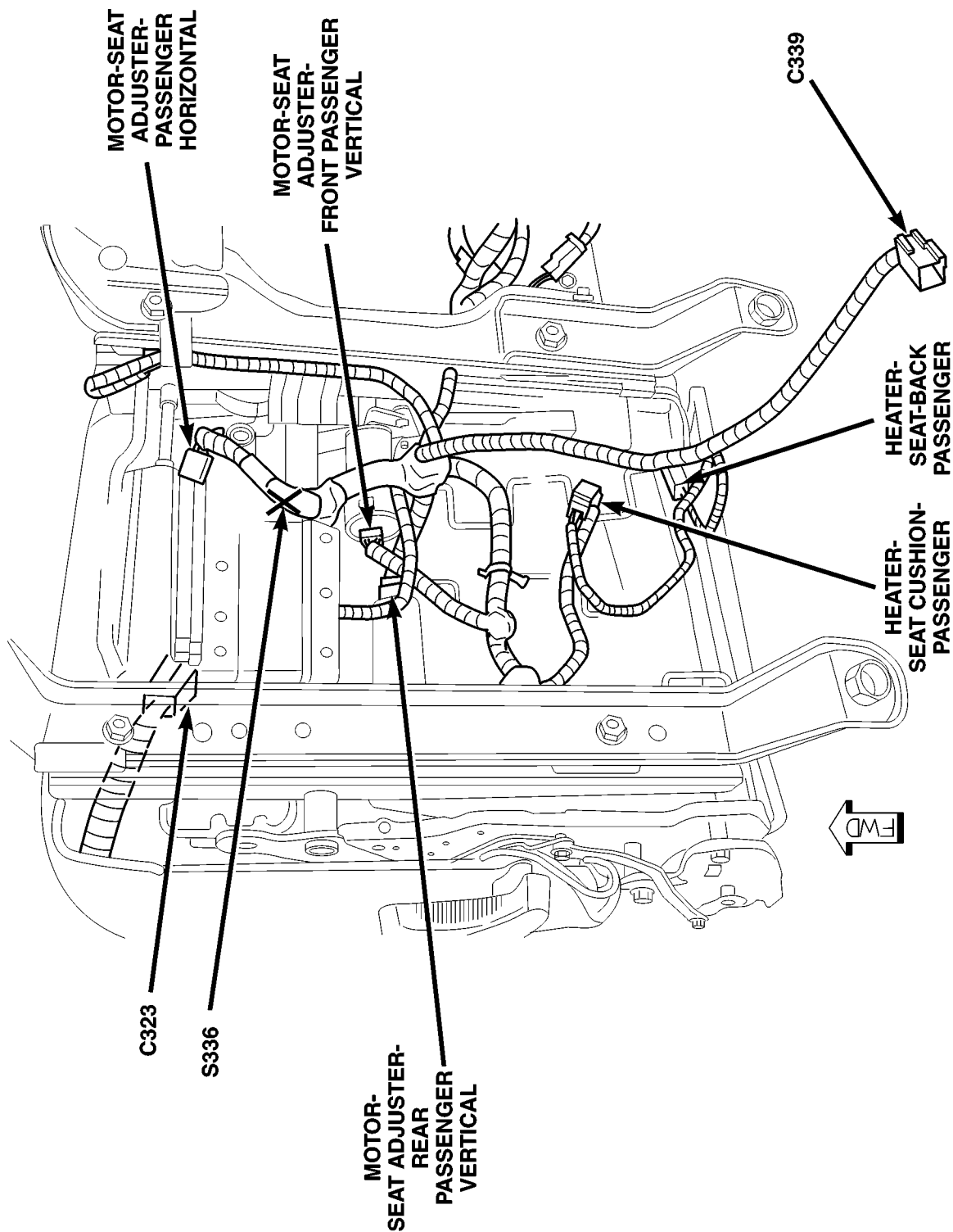
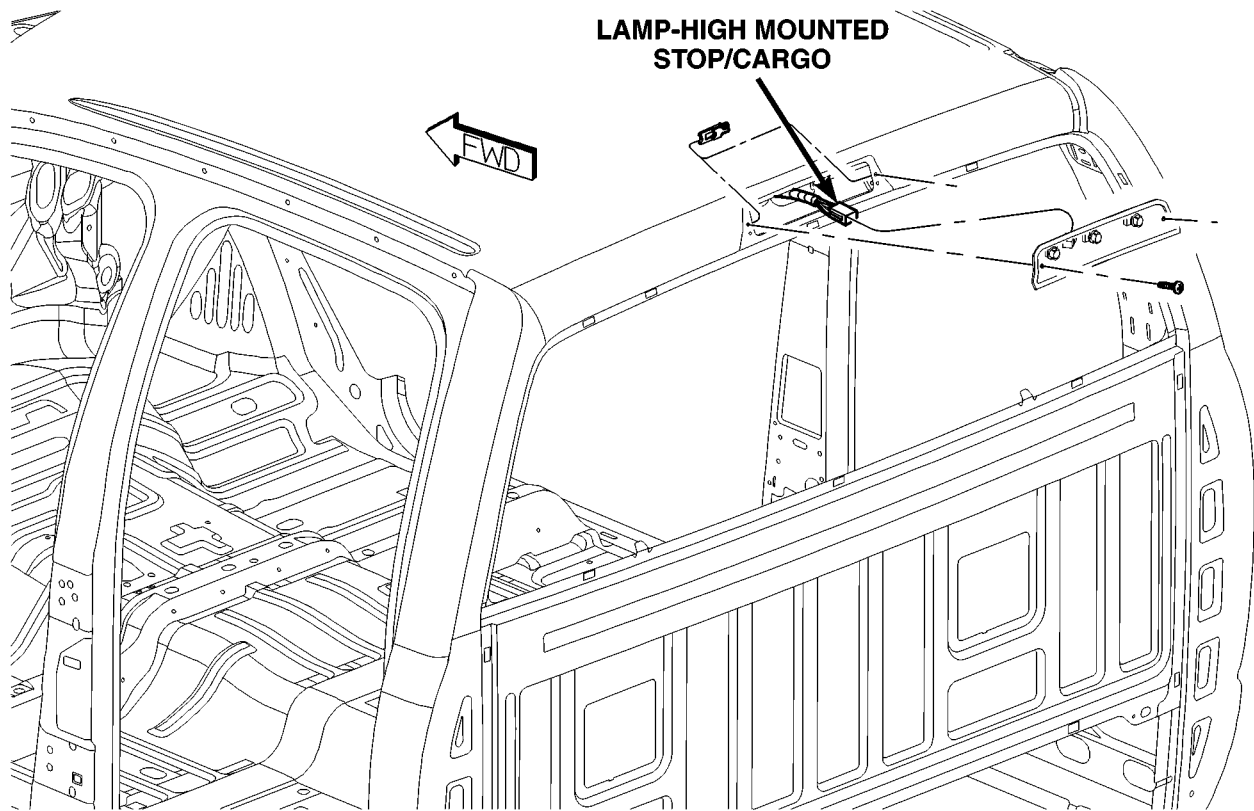


Fig. 67 PASSENGER SEAT



80d60191

Fig. 68 REAR BODY

81036c49

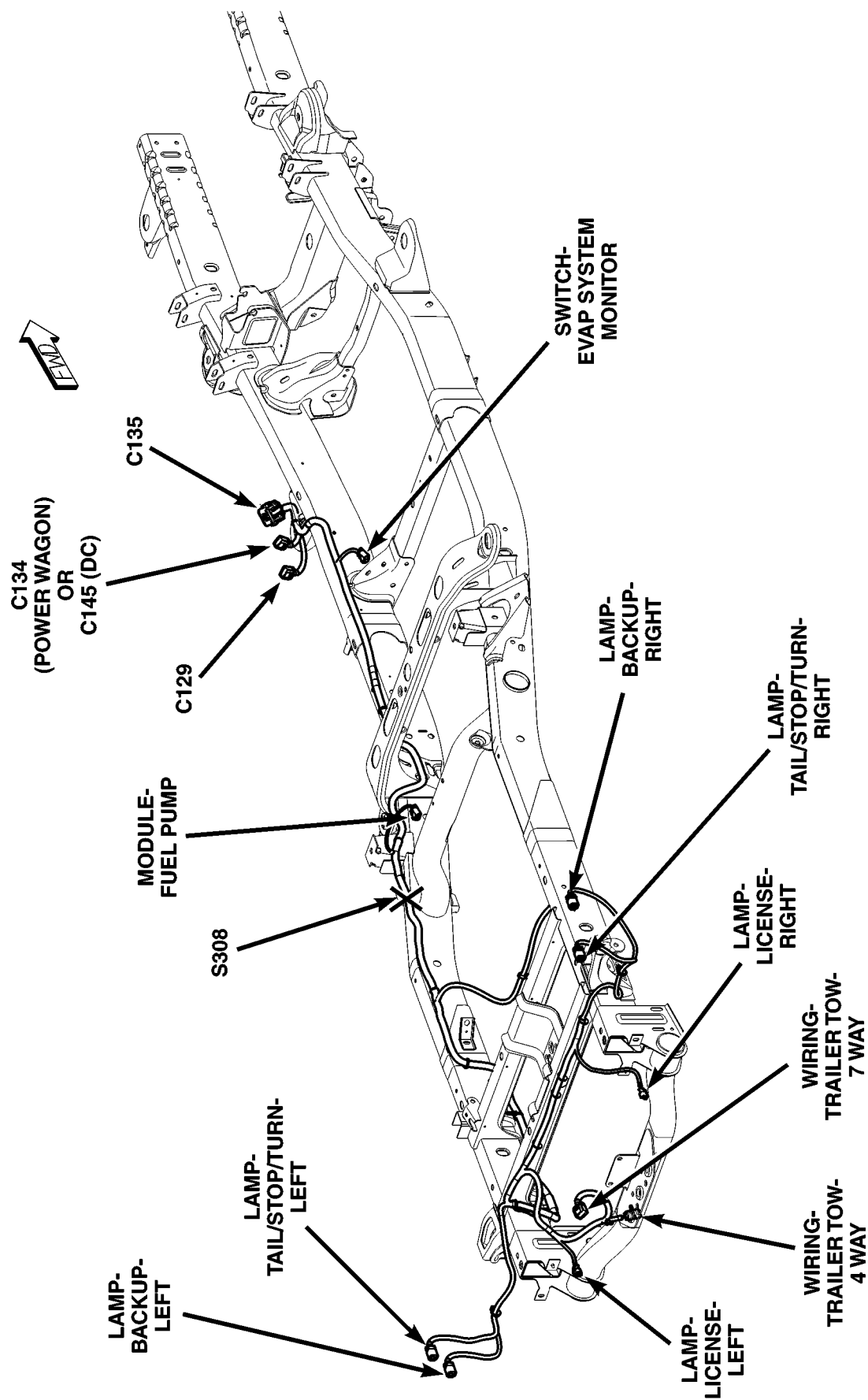


Fig. 69 CHASSIS

81036c59

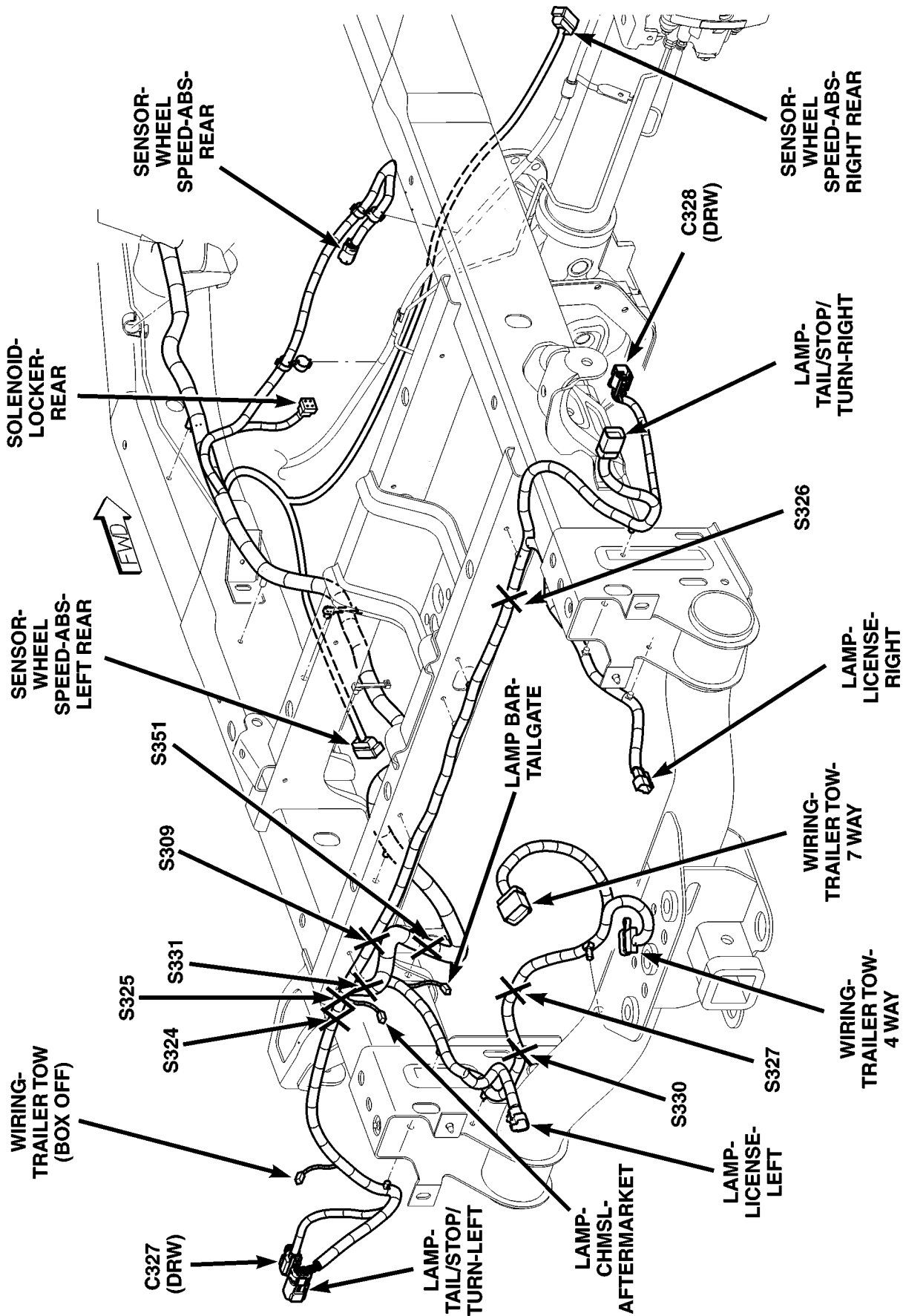
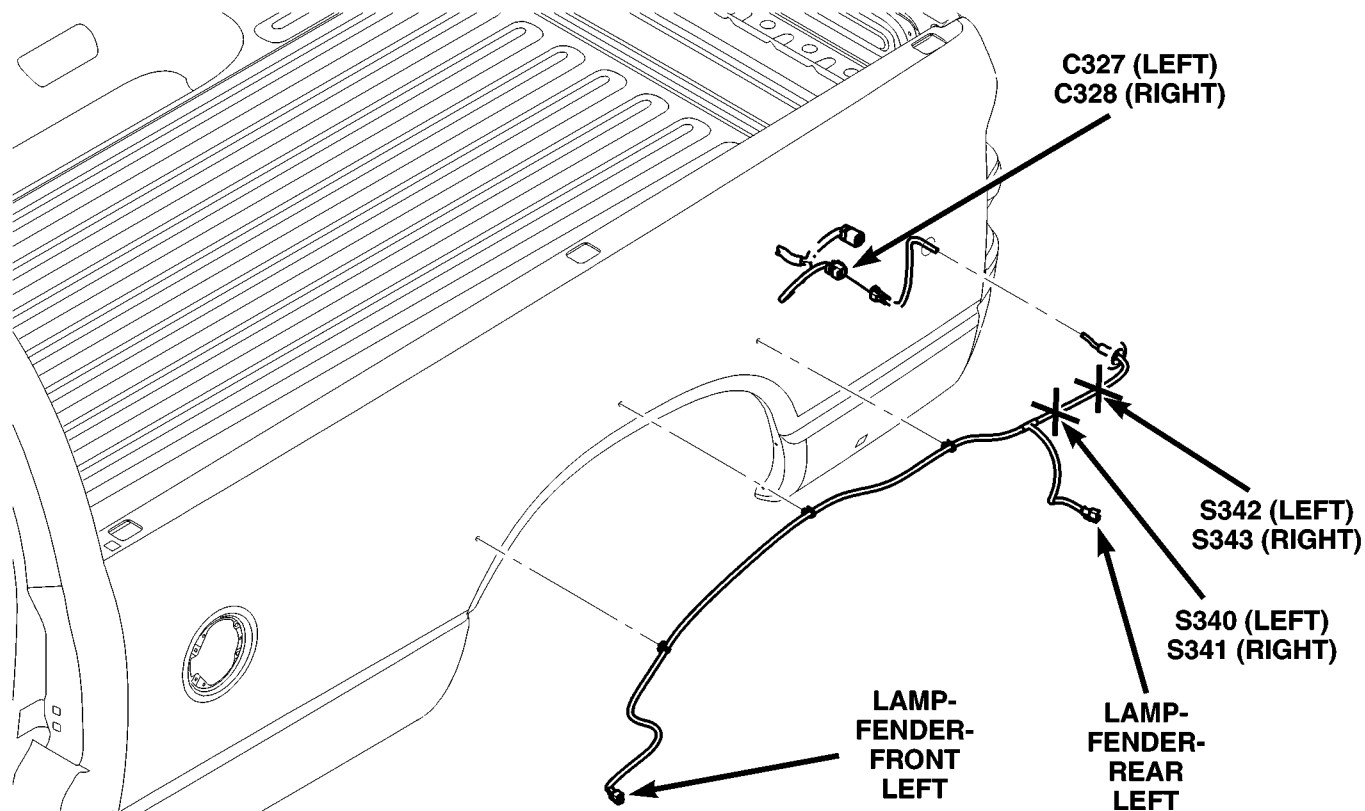
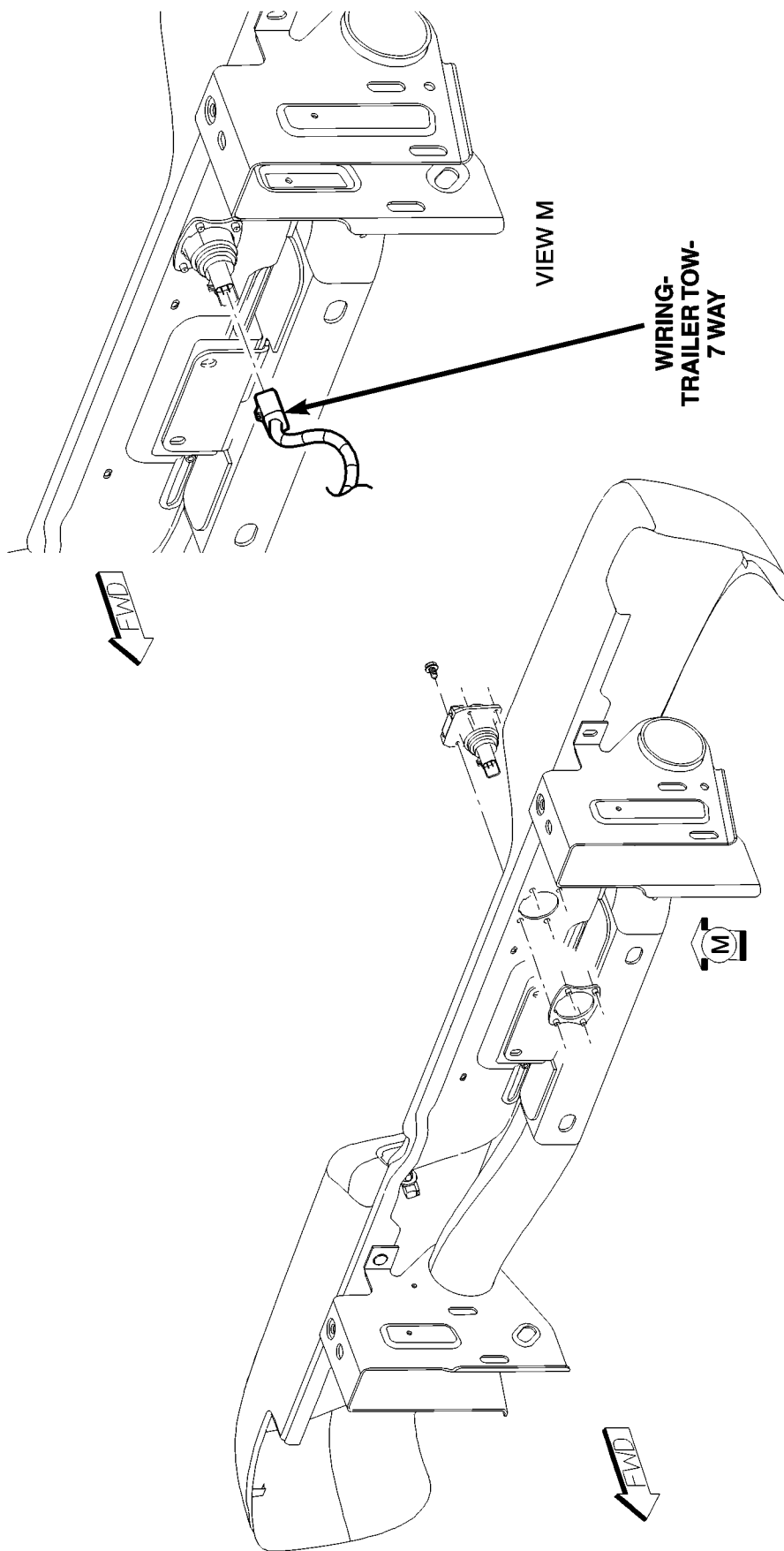


Fig. 70 REAR CHASSIS



81036c64

Fig. 71 LEFT REAR FENDER (RIGHT SIDE SIMILAR)



80d60135

Fig. 72 REAR BUMPER