

WIRING

TABLE OF CONTENTS

	page		page
WIRING DIAGRAM INFORMATION	8W-01-1	REAR WINDOW DEFOGGER	8W-48-1
COMPONENT INDEX	8W-02-1	OVERHEAD CONSOLE	8W-49-1
INTEGRATED POWER MODULE	8W-13-1	FRONT LIGHTING	8W-50-1
GROUND DISTRIBUTION	8W-15-1	REAR LIGHTING	8W-51-1
BUS COMMUNICATIONS	8W-18-1	TURN SIGNALS	8W-52-1
CHARGING SYSTEM	8W-20-1	WIPERS	8W-53-1
STARTING SYSTEM	8W-21-1	TRAILER TOW	8W-54-1
FUEL/IGNITION SYSTEM	8W-30-1	NAVIGATION/TELECOMMUNICATIONS	8W-55-1
TRANSMISSION CONTROL SYSTEM	8W-31-1	CONVENIENCE SYSTEMS	8W-56-1
VEHICLE SPEED CONTROL	8W-33-1	POWER WINDOWS	8W-60-1
REAR WHEEL ANTILOCK BRAKES	8W-34-1	POWER DOOR LOCKS	8W-61-1
ALL WHEEL ANTILOCK BRAKES	8W-35-1	POWER MIRRORS	8W-62-1
VEHICLE THEFT SECURITY SYSTEM	8W-39-1	POWER SEATS	8W-63-1
INSTRUMENT CLUSTER	8W-40-1	POWER SUNROOF	8W-64-1
HORN/CIGAR LIGHTER/POWER OUTLET ..	8W-41-1	SPLICE INFORMATION	8W-70-1
AIR CONDITIONING	8W-42-1	CONNECTOR PIN-OUTS	8W-80-1
OCCUPANT RESTRAINT SYSTEM	8W-43-1	CONNECTOR/GROUND/SPLICE LOCATION ..	8W-91-1
INTERIOR LIGHTING	8W-44-1	POWER DISTRIBUTION	8W-97-1
AUDIO SYSTEM	8W-47-1		

8W-01 WIRING DIAGRAM INFORMATION

TABLE OF CONTENTS

	page	page
WIRING DIAGRAM INFORMATION		
DESCRIPTION		
DESCRIPTION - HOW TO USE WIRING DIAGRAMS	1	
DESCRIPTION - CIRCUIT INFORMATION	5	
DESCRIPTION - CIRCUIT FUNCTIONS	6	
DESCRIPTION - SECTION IDENTIFICATION AND INFORMATION	6	
DESCRIPTION - CONNECTOR, GROUND AND SPLICE INFORMATION	7	
WARNING		
WARNINGS - GENERAL	7	
DIAGNOSIS AND TESTING - WIRING HARNESS	8	
STANDARD PROCEDURE		
STANDARD PROCEDURE - ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES	9	
STANDARD PROCEDURE - TESTING OF VOLTAGE POTENTIAL	10	
STANDARD PROCEDURE - TESTING FOR CONTINUITY	10	
STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND	10	
STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND ON FUSES POWERING SEVERAL LOADS	11	
STANDARD PROCEDURE - TESTING FOR A VOLTAGE DROP	11	
SPECIAL TOOLS		
WIRING/TERMINAL	12	
CONNECTOR		
REMOVAL	13	
INSTALLATION	15	
DIODE		
REMOVAL	16	
INSTALLATION	16	
TERMINAL		
REMOVAL	16	
INSTALLATION	16	
WIRE		
STANDARD PROCEDURE - WIRE SPLICING	17	

WIRING DIAGRAM INFORMATION

DESCRIPTION

DESCRIPTION - HOW TO USE WIRING DIAGRAMS

DaimlerChrysler Corporation wiring diagrams are designed to provide information regarding the vehicles wiring content. In order to effectively use the wiring diagrams to diagnose and repair DaimlerChrysler Corporation vehicles, it is important to understand all of their features and characteristics.

Diagrams are arranged such that the power (B+) side of the circuit is placed near the top of the page, and the ground (B-) side of the circuit is placed near the bottom of the page.

All switches, components, and modules are shown in the at rest position with the doors closed and the key removed from the ignition.

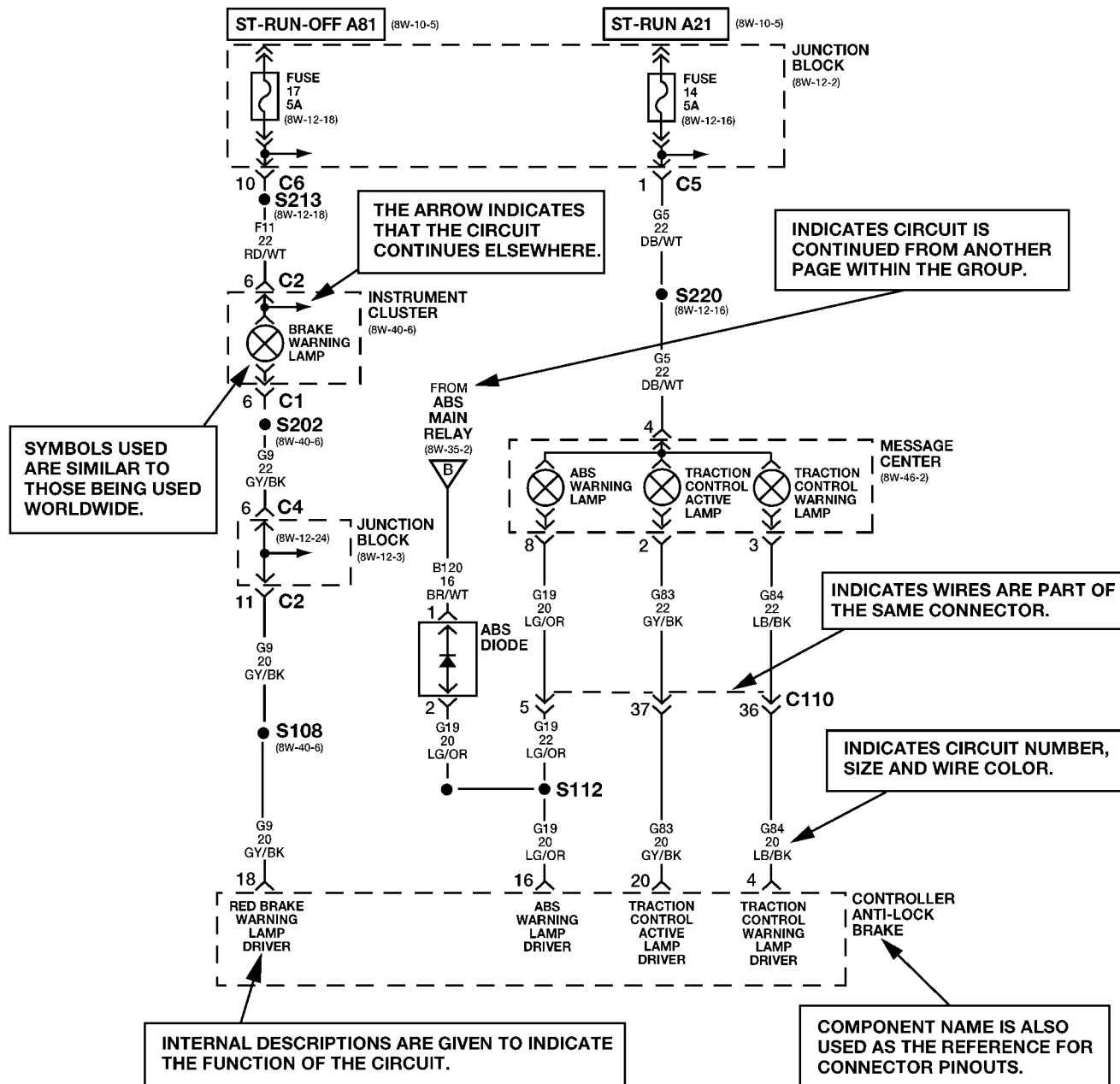
Components are shown two ways. A solid line around a component indicates that the component is complete. A dashed line around the component indicates that the component is being shown is not complete. Incomplete components have a reference number to indicate the page where the component is shown complete.

It is important to realize that no attempt is made on the diagrams to represent components and wiring as they appear on the vehicle. For example, a short piece of wire is treated the same as a long one. In addition, switches and other components are shown as simply as possible, with regard to function only.

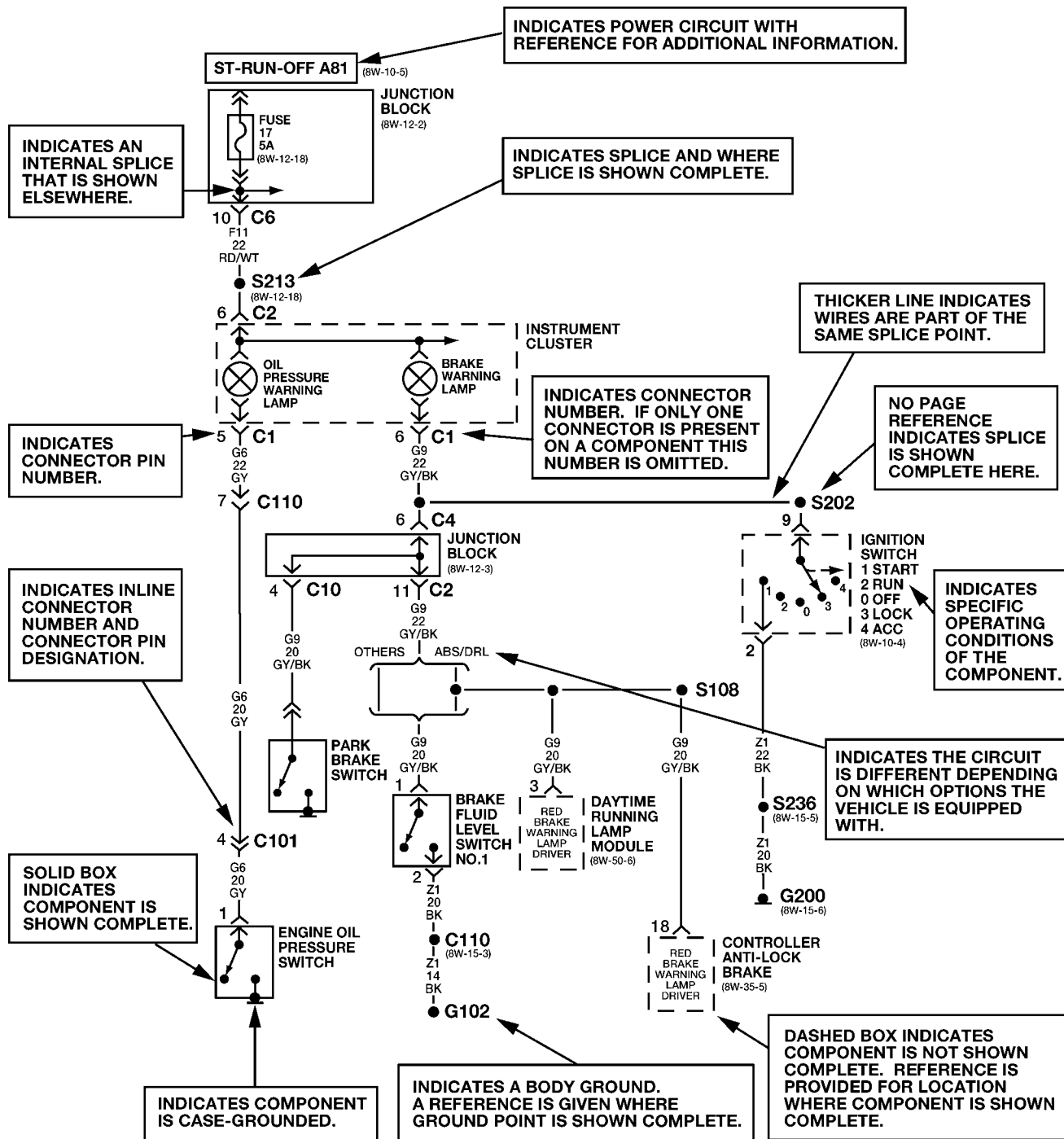
SYMBOLS

International symbols are used throughout the wiring diagrams. These symbols are consistent with those being used around the world.

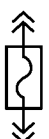
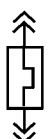
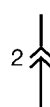
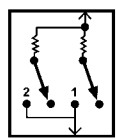
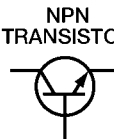
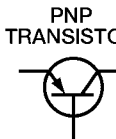
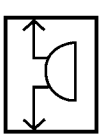
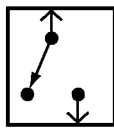
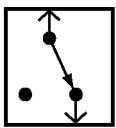
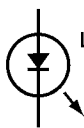
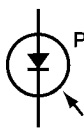
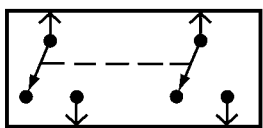
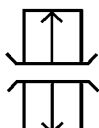
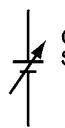
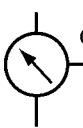
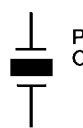
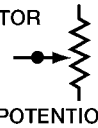
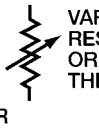
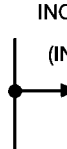
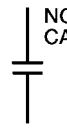
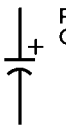
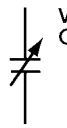
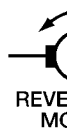
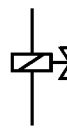
DIAGRAMS ARE ARRANGED WITH THE POWER B+ SIDE OF THE CIRCUIT NEAR THE TOP OF THE PAGE, AND THE GROUND SIDE OF THE CIRCUIT NEAR THE BOTTOM OF THE PAGE.



The System shown here is an **EXAMPLE ONLY**. It does not represent the actual circuit shown in the **WIRING DIAGRAM SECTION**.



The System shown here is an EXAMPLE ONLY. It does not represent the actual circuit shown in the WIRING DIAGRAM SECTION.

 FUSIBLE LINK  FUSE  CIRCUIT BREAKER OR PTC PROTECTION DEVICE	 BATTERY  2 C123  2 C123
 BATT A0 HOT BAR  CHOICE BRACKET (8W-30-10) PAGE REFERENCE	 MULTIPLE CONNECTOR 8 C123  MALE CONNECTOR 4 C1  FEMALE CONNECTOR 6 C3
 CLOCKSPRING  GROUND G101  SCREW TERMINAL	 SINGLE FILAMENT LAMP  DUAL FILAMENT LAMP  ANTENNA
 RESISTIVE MULTIPLEX SWITCH	 NPN TRANSISTOR  PNP TRANSISTOR  TONE GENERATOR
 OPEN SWITCH  CLOSED SWITCH	 LED  PHOTODIODE  DIODE  ZENER DIODE
 GANGED SWITCH  SLIDING DOOR CONTACT	 OXYGEN SENSOR  GAUGE  PIEZOELECTRIC CELL
 WIRE ORIGIN & DESTINATION SHOWN WITHIN CELL  WIRE DESTINATION SHOWN IN ANOTHER CELL	 RESISTOR  POTENTIOMETER  VARIABLE RESISTOR OR THERMISTOR  HEATER ELEMENT
 EXTERNAL SPLICE S350  INTERNAL SPLICE  INCOMPLETE SPLICE (INTERNAL)	 NON-POLARIZED CAPACITOR  POLARIZED CAPACITOR  VARIABLE CAPACITOR
 ONE SPEED MOTOR  TWO SPEED MOTOR  REVERSIBLE MOTOR	 COIL  SOLENOID  SOLENOID VALVE

TERMINOLOGY

This is a list of terms and definitions used in the wiring diagrams.

LHD	Left Hand Drive Vehicles
RHD	Right Hand Drive Vehicles
ATX	Automatic Transmissions-Front Wheel Drive
MTX	Manual Transmissions-Front Wheel Drive
AT	Automatic Transmissions-Rear Wheel Drive
MT	Manual Transmissions-Rear Wheel Drive
SOHC	Single Over Head Cam Engine
DOHC	Double Over Head Cam Engine
Export	Vehicles Built For Sale In Markets Other Than North America
Except Export	Vehicles Built For Sale In North America

DESCRIPTION - CIRCUIT INFORMATION

Each wire shown in the diagrams contains a code which identifies the main circuit, a specific part of the main circuit, gage of wire, and color. An example would be **A 2 18 LB/YL**. This is a Battery Feed circuit, level two, eighteen gauge, light blue with a yellow tracer.

WIRE COLOR CODE CHART

COLOR CODE	COLOR
BL	BLUE
BK	BLACK
BR	BROWN
DB	DARK BLUE
DG	DARK GREEN
GY	GRAY
LB	LIGHT BLUE
LG	LIGHT GREEN
OR	ORANGE
PK	PINK
RD	RED
TN	TAN
VT	VIOLET
WT	WHITE
YL	YELLOW
*	WITH TRACER

DESCRIPTION - CIRCUIT FUNCTIONS

All circuits in the diagrams use an alpha/numeric code to identify the wire and it's function. To identify which circuit code applies to a system, refer to the Circuit Identification Code Chart. This chart shows the main circuits only and does not show the secondary codes that may apply to some models.

CIRCUIT IDENTIFICATION CODE CHART

CIRCUIT	FUNCTION
A	BATTERY FEED
B	BRAKE CONTROLS
C	CLIMATE CONTROLS
D	DIAGNOSTIC CIRCUITS
E	DIMMING ILLUMINATION CIRCUITS
F	FUSED CIRCUITS
G	MONITORING CIRCUITS (GAUGES)
H	MULTIPLE
I	NOT USED
J	OPEN
K	POWERTRAIN CONTROL MODULE
L	EXTERIOR LIGHTING
M	INTERIOR LIGHTING
N	MULTIPLE
O	NOT USED
P	POWER OPTION (BATTERY FEED)
Q	POWER OPTIONS (IGNITION FEED)
R	PASSIVE RESTRAINT
S	SUSPENSION/STEERING
T	TRANSMISSION/TRANSAXLE/ TRANSFER CASE
U	OPEN
V	SPEED CONTROL, WIPER/ WASHER
W	WIPERS
X	AUDIO SYSTEMS
Y	TEMPORARY
Z	GROUND

DESCRIPTION - SECTION IDENTIFICATION AND INFORMATION

The wiring diagrams are grouped into individual sections. If a component is most likely found in a particular group, it will be shown complete (all wires, connectors, and pins) within that group. For example, the Auto Shutdown Relay is most likely to be found in Group 30, so it is shown there complete. It can, however, be shown partially in another group if it contains some associated wiring.

Splice diagrams in Section 8W-70 show the entire splice and provide references to other sections the splices serves. Section 8W-70 only contains splice diagrams that are not shown in their entirety somewhere else in the wiring diagrams.

Section 8W-80 shows each connector and the circuits involved with that connector. The connectors are identified using the name/number on the diagram pages.

DESCRIPTION - CONNECTOR, GROUND AND SPLICE INFORMATION

CAUTION: Not all connectors are serviced. Some connectors are serviced only with a harness. A typical example might be the Supplemental Restraint System connectors. Always check parts availability before attempting a repair.

IDENTIFICATION

In-line connectors are identified by a number, as follows:

- In-line connectors located in the engine compartment are C100 series numbers.
- In-line connectors located in the instrument panel area are C200 series numbers.
- In-line connectors located in the body are C300 series numbers.
- Jumper harness connectors are C400 series numbers.
- Grounds and ground connectors are identified with a "G" and follow the same series numbering as the in-line connectors.
- Splices are identified with an "S" and follow the same series numbering as the in-line connectors.
- Component connectors are identified by the component name instead of a number. Multiple connectors on a component use a C1, C2, etc. identifier.

LOCATIONS

Section 8W-91 contains connector/ground/splice location illustrations. The illustrations contain the connector name (or number)/ground number/splice number and component identification. Connector/ground/splice location charts in section 8W-91 reference the figure numbers of the illustrations.

The abbreviation T/O is used in the component location section to indicate a point in which the wiring harness branches out to a component. The abbreviation N/S means Not Shown in the illustrations

WARNING

WARNINGS - GENERAL

WARNINGS provide information to prevent personal injury and vehicle damage. Below is a list of general warnings that should be followed any time a vehicle is being serviced.

WARNING: Always wear safety glasses for eye protection.

WARNING: Use safety stands anytime a procedure requires being under a vehicle.

WARNING: Be sure that the ignition switch always is in the off position, unless the procedure requires it to be on.

WARNING: Set the parking brake when working on any vehicle. An automatic transmission should be in park. A manual transmission should be in neutral.

WARNING: Operate the engine only in a well-ventilated area.

WARNING: Keep away from moving parts when the engine is running, especially the fan and belts.

WARNING: To prevent serious burns, avoid contact with hot parts such as the radiator, exhaust manifold(s), tail pipe, catalytic converter and muffler.

WARNING: Do not allow flame or sparks near the battery. Gases are always present in and around the battery.

WARNING: Always remove rings, watches, loose hanging jewelry and avoid loose clothing.

DIAGNOSIS AND TESTING - WIRING HARNESS

TROUBLESHOOTING TOOLS

When diagnosing a problem in an electrical circuit there are several common tools necessary. These tools are listed and explained below.

- Jumper Wire - This is a test wire used to connect two points of a circuit. It can be used to bypass an open in a circuit.

WARNING: Never use a jumper wire across a load, such as a motor, connected between a battery feed and ground.

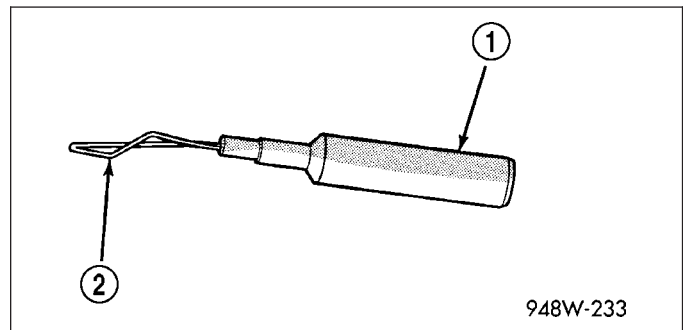
- Voltmeter - Used to check for voltage on a circuit. Always connect the black lead to a known good ground and the red lead to the positive side of the circuit.

CAUTION: Most of the electrical components used in today's vehicles are Solid State. When checking voltages in these circuits, use a meter with a 10 - megohm or greater impedance rating.

- Ohmmeter - Used to check the resistance between two points of a circuit. Low or no resistance in a circuit means good continuity.

CAUTION: Most of the electrical components used in today's vehicles are Solid State. When checking resistance in these circuits use a meter with a 10 - megohm or greater impedance rating. In addition, make sure the power is disconnected from the circuit. Circuits that are powered up by the vehicle's electrical system can cause damage to the equipment and provide false readings.

- Probing Tools - These tools are used for probing terminals in connectors. Select the proper size tool from Special Tool Package 6807, and insert the probing end (2) into the terminal being tested. Use the other end of the tool (1) to insert the meter probe.



INTERMITTENT AND POOR CONNECTIONS

Most intermittent electrical problems are caused by faulty electrical connections or wiring. It is also possible for a sticking component or relay to cause a problem. Before condemning a component or wiring assembly, check the following items.

- Connectors are fully seated
- Spread terminals, or terminal push out
- Terminals in the wiring assembly are fully seated into the connector/component and locked into position
- Dirt or corrosion on the terminals. Any amount of corrosion or dirt could cause an intermittent problem
- Damaged connector/component casing exposing the item to dirt or moisture
- Wire insulation that has rubbed through causing a short to ground
- Some or all of the wiring strands broken inside of the insulation
- Wiring broken inside of the insulation

TROUBLESHOOTING WIRING PROBLEMS

When troubleshooting wiring problems there are six steps which can aid in the procedure. The steps are listed and explained below. Always check for non-factory items added to the vehicle before doing any diagnosis. If the vehicle is equipped with these items, disconnect them to verify these add-on items are not the cause of the problem.

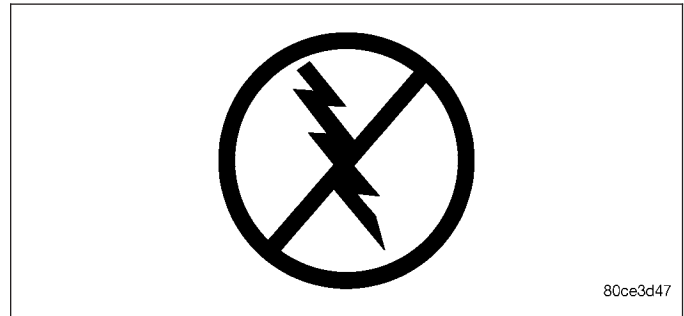
1. Verify the problem.
2. Verify any related symptoms. Do this by performing operational checks on components that are in the same circuit. Refer to the wiring diagrams.
3. Analyze the symptoms. Use the wiring diagrams to determine what the circuit is doing, where the problem most likely is occurring and where the diagnosis will continue.
4. Isolate the problem area.
5. Repair the problem area.
6. Verify the proper operation. For this step, check for proper operation of all items on the repaired circuit. Refer to the wiring diagrams.

STANDARD PROCEDURE

STANDARD PROCEDURE - ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES

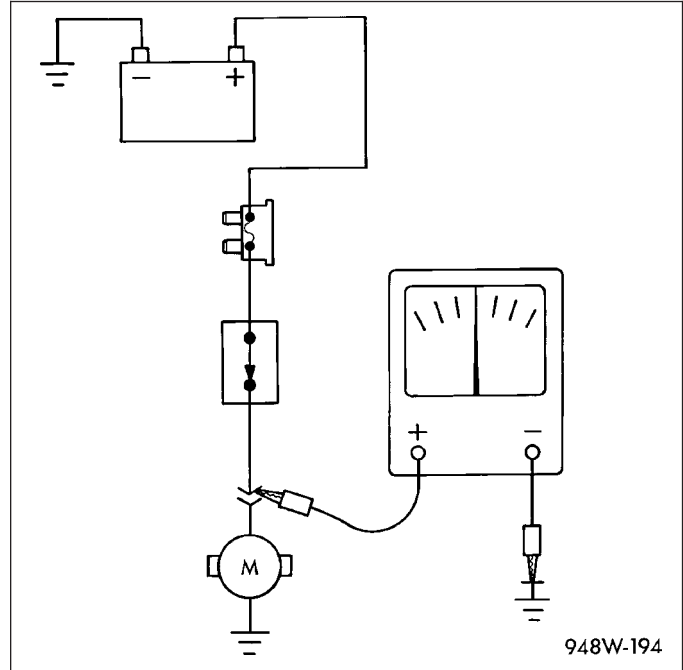
All ESD sensitive components are solid state and a symbol is used to indicate this. When handling any component with this symbol, comply with the following procedures to reduce the possibility of electrostatic charge build up on the body and inadvertent discharge into the component. If it is not known whether the part is ESD sensitive, assume that it is.

1. Always touch a known good ground before handling the part. This should be repeated while handling the part and more frequently after sliding across a seat, sitting down from a standing position, or walking a distance.
2. Avoid touching electrical terminals of the part, unless instructed to do so by a written procedure.
3. When using a voltmeter, be sure to connect the ground lead first.
4. Do not remove the part from its protective packing until it is time to install the part.
5. Before removing the part from its package, ground the package to a known good ground on the vehicle.



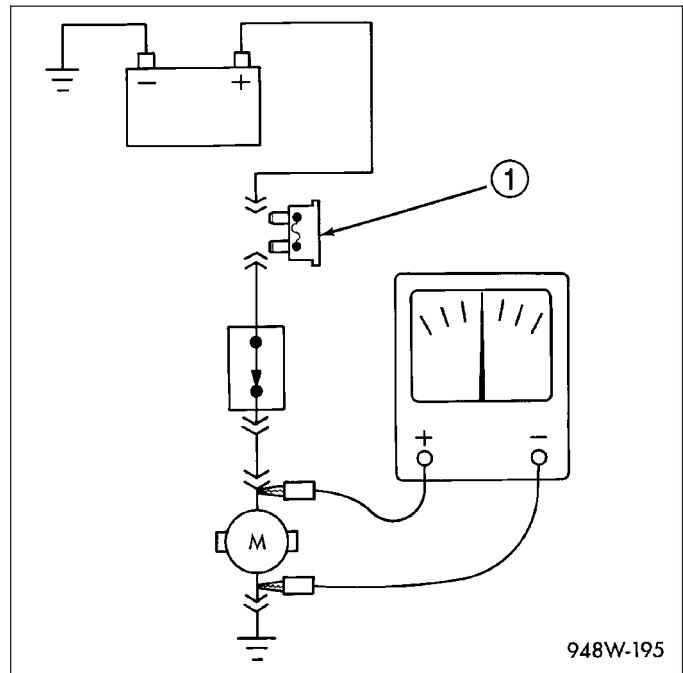
STANDARD PROCEDURE - TESTING OF VOLTAGE POTENTIAL

1. Connect the ground lead of a voltmeter to a known good ground.
2. Connect the other lead of the voltmeter to the selected test point. The vehicle ignition may need to be turned ON to check voltage. Refer to the appropriate test procedure.



STANDARD PROCEDURE - TESTING FOR CONTINUITY

1. Remove the fuse (1) for the circuit being checked or, disconnect the battery.
2. Connect one lead of the ohmmeter to one side of the circuit being tested
3. Connect the other lead to the other end of the circuit being tested. Low or no resistance means good continuity.



STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND

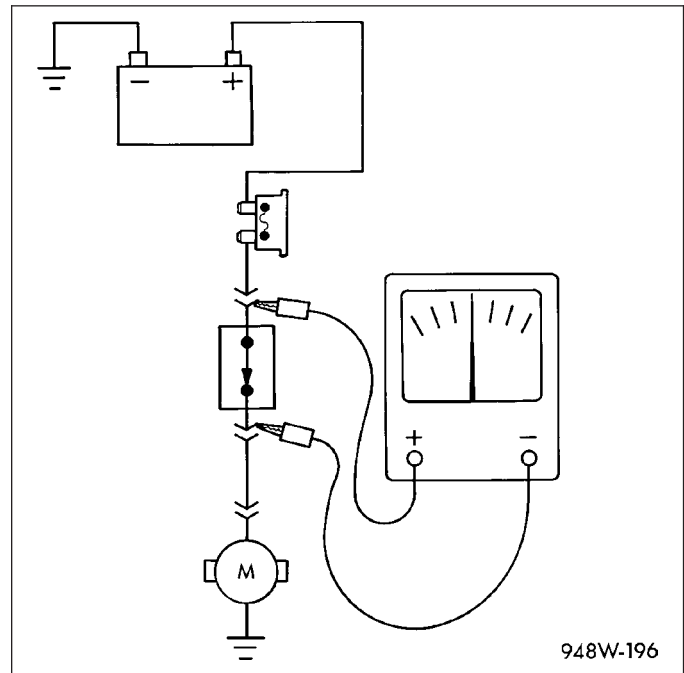
1. Remove the fuse and disconnect all items involved with the fuse.
2. Connect a test light or a voltmeter across the terminals of the fuse.
3. Starting at the fuse block, wiggle the wiring harness about six to eight inches apart and watch the voltmeter/test lamp.
4. If the voltmeter registers voltage or the test lamp glows, there is a short to ground in that general area of the wiring harness.

STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND ON FUSES POWERING SEVERAL LOADS

1. Refer to the wiring diagrams and disconnect or isolate all items on the suspected fused circuits.
2. Replace the blown fuse.
3. Supply power to the fuse by turning ON the ignition switch or re-connecting the battery.
4. Start connecting or energizing the items in the fuse circuit one at a time. When the fuse blows the circuit with the short to ground has been isolated.

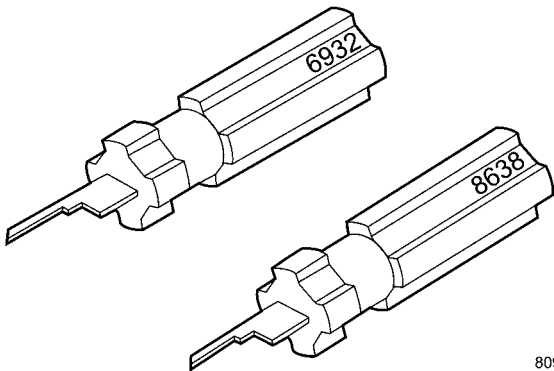
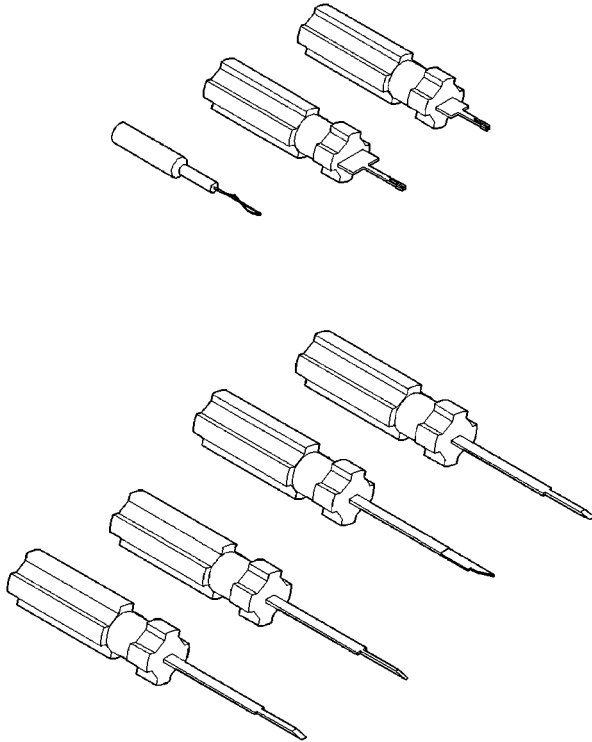
STANDARD PROCEDURE - TESTING FOR A VOLTAGE DROP

1. Connect the positive lead of the voltmeter to the side of the circuit closest to the battery.
2. Connect the other lead of the voltmeter to the other side of the switch, component or circuit.
3. Operate the item.
4. The voltmeter will show the difference in voltage between the two points.

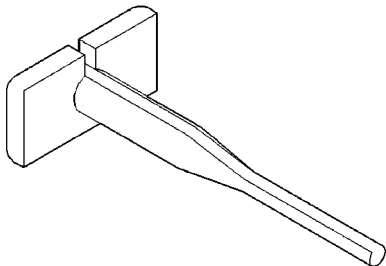


SPECIAL TOOLS

WIRING/TERMINAL



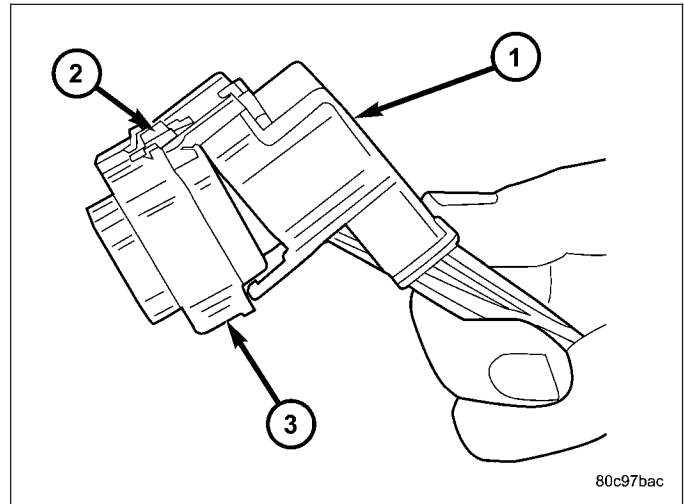
8091c8da

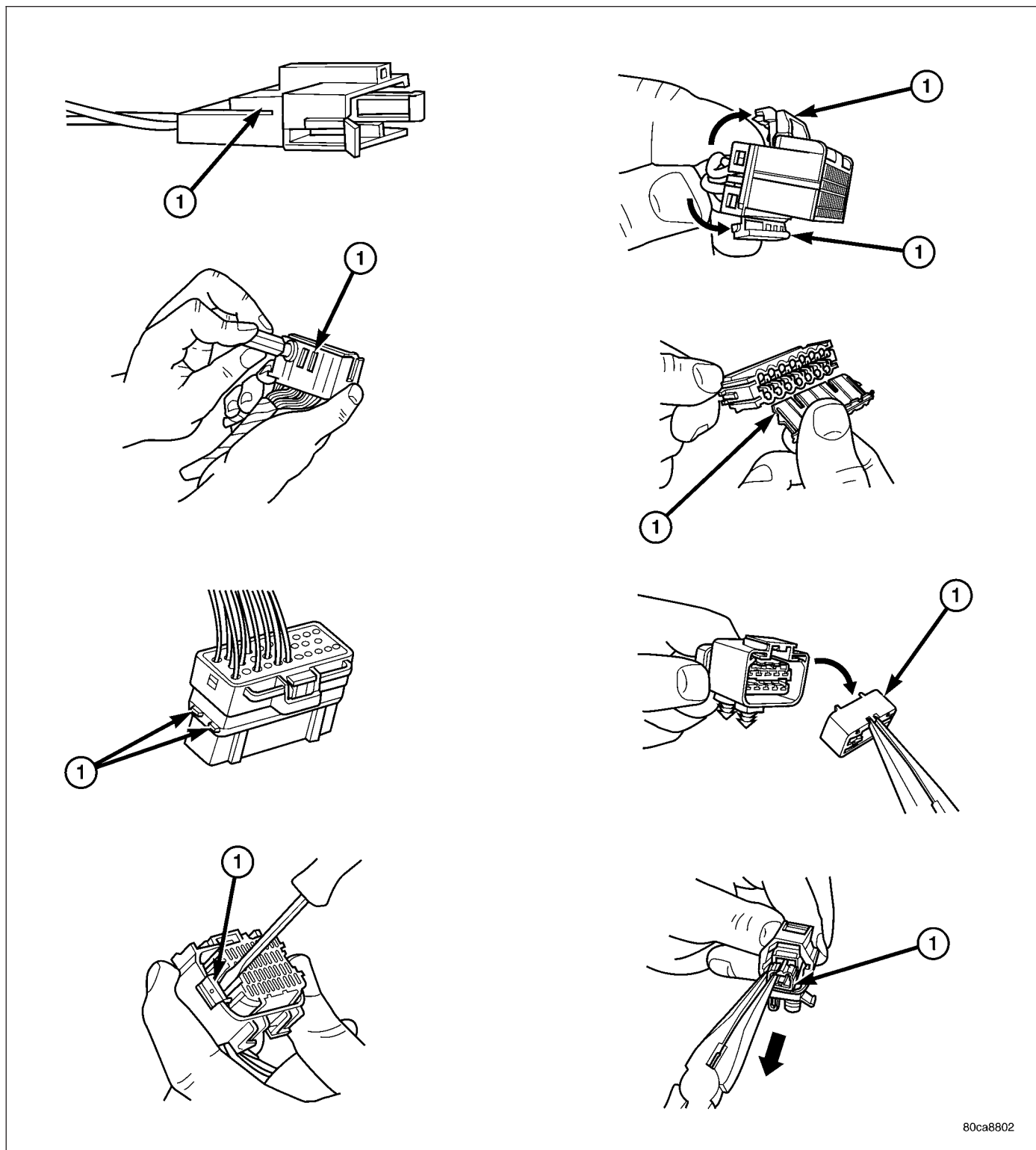


CONNECTOR

REMOVAL

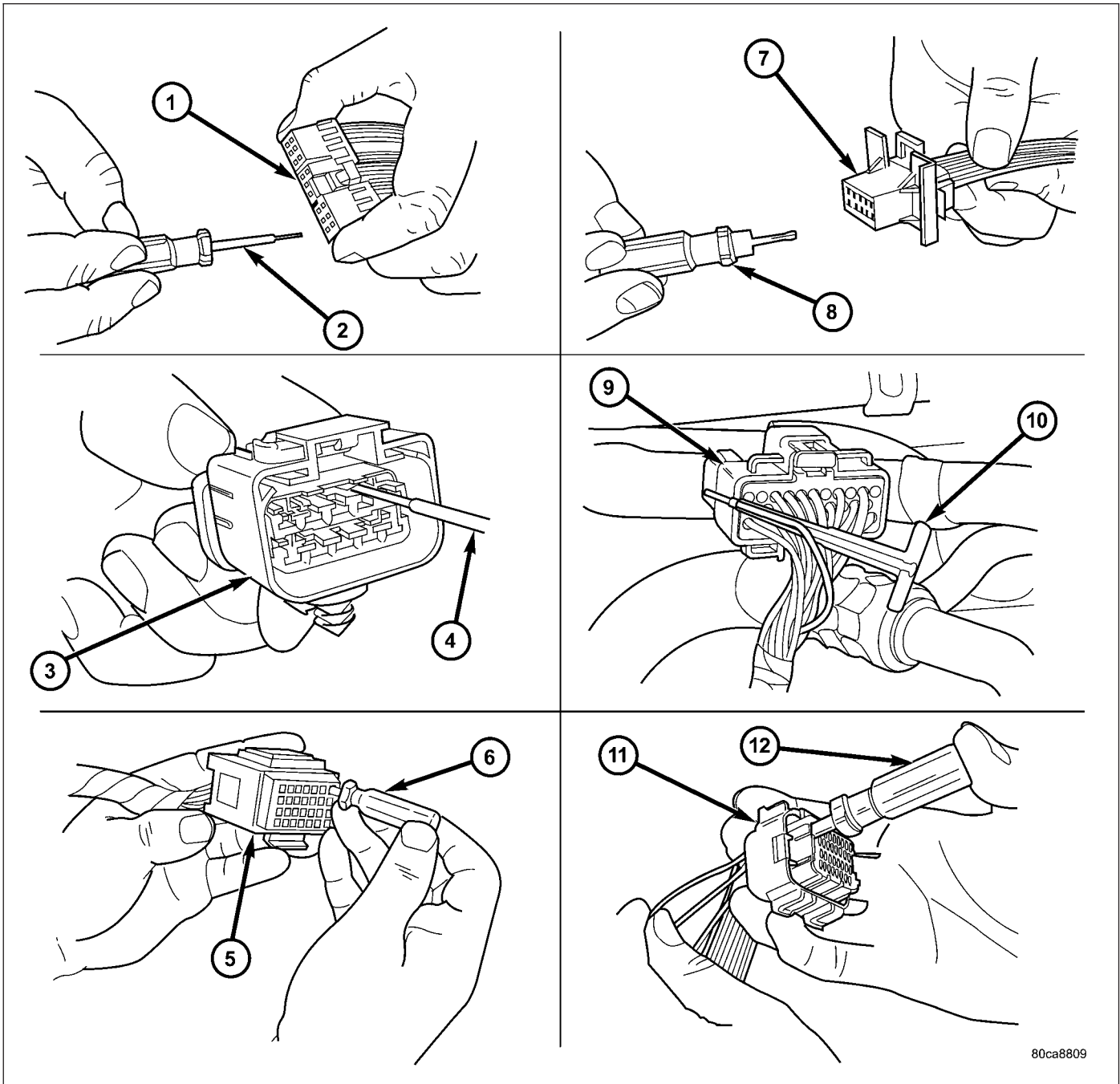
1. Disconnect battery.
2. Release Connector Lock (2).
3. Disconnect the connector (3) being repaired from its mating half/component.
4. Remove the dress cover (if applicable) (1).





80ca8802

5. Release the Secondary Terminal Lock, if required (1).



80ca8809

- 1 - TYPICAL CONNECTOR
- 2 - PICK FROM SPECIAL TOOL KIT 6680
- 3 - APEX CONNECTOR
- 4 - PICK FROM SPECIAL TOOL KIT 6680
- 5 - AUGAT CONNECTOR
- 6 - SPECIAL TOOL 6932

- 7 - MOLEX CONNECTOR
- 8 - SPECIAL TOOL 6742
- 9 - THOMAS AND BETTS CONNECTOR
- 10 - SPECIAL TOOL 6934
- 11 - TYCO CONNECTOR
- 12 - SPECIAL TOOL 8638

6. Position the connector locking finger away from the terminal using the proper special tool. Pull on the wire to remove the terminal from the connector.

INSTALLATION

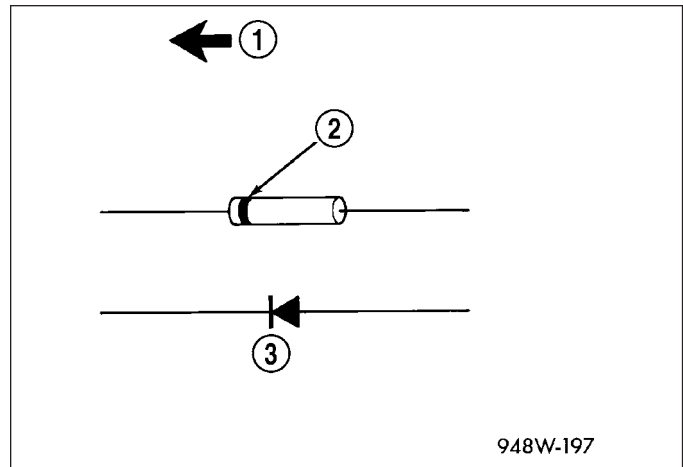
1. Insert the removed terminal in the same cavity on the repair connector.

2. Repeat steps for each terminal in the connector, being sure that all wires are inserted into the proper cavities. For additional connector pin-out identification, refer to the wiring diagrams.
3. When the connector is re-assembled, the secondary terminal lock must be placed in the locked position to prevent terminal push out.
4. Replace dress cover (if applicable).
5. Connect connector to its mating half/component.
6. Connect battery and test all affected systems.

DIODE

REMOVAL

1. Disconnect the battery.
2. Locate the diode in the harness, and remove the protective covering.
3. Remove the diode from the harness, pay attention to the current flow direction (1) (2) (3).



INSTALLATION

1. Remove the insulation from the wires in the harness. Only remove enough insulation to solder in the new diode.
2. Install the new diode in the harness, making sure current flow is correct. If necessary, refer to the appropriate wiring diagram for current flow.
3. Solder the connection together using rosin core type solder only. **Do not use acid core solder.**
4. Tape the diode to the harness using electrical tape. Make sure the diode is completely sealed from the elements.
5. Re-connect the battery and test affected systems.

TERMINAL

REMOVAL

1. Follow steps for removing terminals described in the connector removal section.
2. Cut the wire 6 inches from the back of the connector.

INSTALLATION

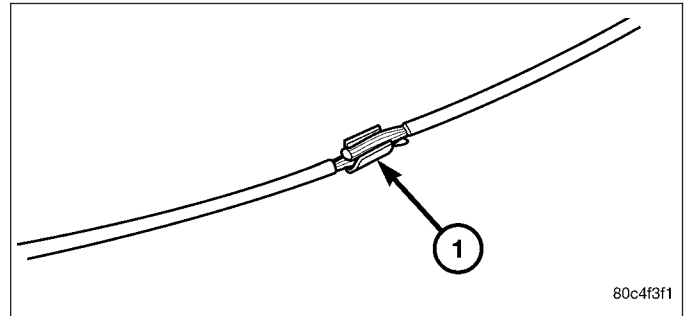
1. Select a wire from the terminal repair kit that best matches the color and gage of the wire being repaired.
2. Cut the repair wire to the proper length and remove one-half (1/2) inch of insulation.
3. Splice the repair wire to the wire harness (see wire splicing procedure) .
4. Insert the repaired wire into the connector.
5. Install the connector locking wedge, if required, and reconnect the connector to its mating half/component.
6. Re-tape the wire harness starting at 1–1/2 inches behind the connector and 2 inches past the repair.
7. Connect battery and test all affected systems.

WIRE

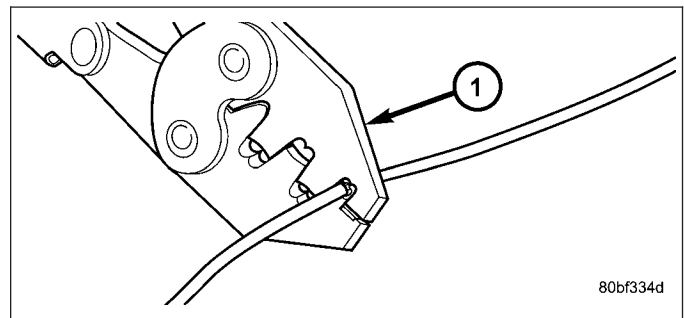
STANDARD PROCEDURE - WIRE SPLICING

When splicing a wire, it is important that the correct gage be used as shown in the wiring diagrams.

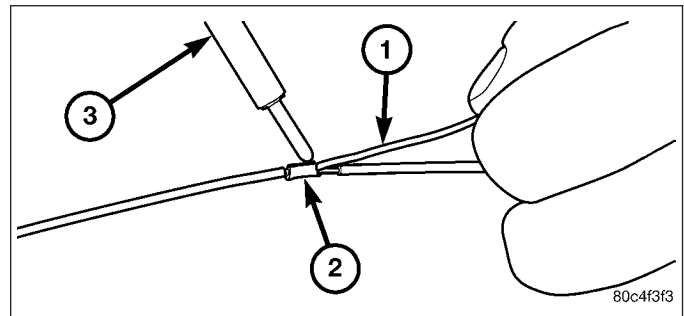
1. Remove one-half (1/2) inch of insulation from each wire that needs to be spliced.
2. Place a piece of adhesive lined heat shrink tubing on one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.
3. Place the strands of wire overlapping each other inside of the splice clip (1).



4. Using crimping tool (1), Mopar p/n 05019912AA, crimp the splice clip and wires together.

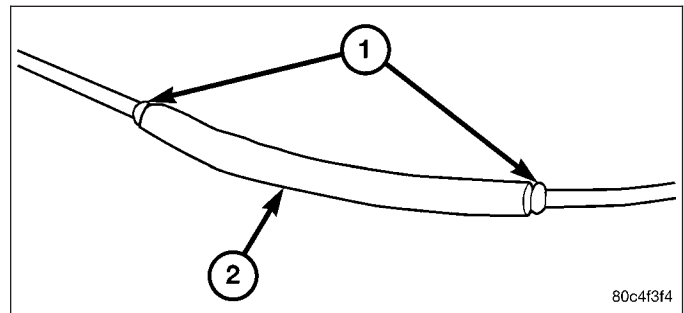


5. Solder (3) the connection (2) together using rosin core type solder (1) only.



CAUTION: DO NOT USE ACID CORE SOLDER.

6. Center the heat shrink tubing (2) over the joint and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant (1) comes out of both ends of the tubing.



8W-02 COMPONENT INDEX

Component	Page	Component	Page
Actuator-Fuel Control	8W-30	Lamps-License	8W-51
Actuator-Mode Doors	8W-42	Lamps-Park/Turn	8W-50, 52
Actuator-Recirculation Door	8W-42	Lamps-Tail Stop/Turn	8W-51
Actuators-Blend Door	8W-42	Lamps-Tail/Stop	8W-52
Airbag-Squibs	8W-43	Lamps-Vanity	8W-44
Airbags-Side Curtain	8W-43	Lamp-Underhood	8W-44
Amplifier-Radio	8W-47	Latches-Door	8W-39, 61
Amplifier-Subwoofer	8W-47	Lumbar Motor-Passenger	8W-63
Assembly-EGR Valve	8W-30	Mirror-Inside Rearview	8W-49, 55
Assembly-Natural Vacuum Leak Detection . .	8W-30	Mirrors-Outside Rearview	8W-62
Assembly-Shift Motor/Mode Sensor	8W-31	Module-Anti-Lock Brakes	8W-34, 35
Assembly-Transmission Solenoid/TRS	8W-31	Module-Brake Provision	8W-54
Assembly-Transmission Solenoid	8W-31	Module-Electronic Overhead	8W-49
Assembly-Transmission Throttle Valve	8W-31	Module-Engine Control	8W-30
Assembly-Winch	8W-56	Module-Final Drive Control	8W-31
Backlite-Heated	8W-48	Module-Front Controls	8W-13
Battery	8W-13	Module-Fuel Pump	8W-30
Battery-Auxiliary	8W-13	Module-Hands Free	8W-55
Capacitor-Ignition	8W-30	Module-Heated Seats	8W-63
Circuit Breaker-Power Window	8W-13	Module-Integrated Power	8W-13
Clockspring	8W-33, 41, 43, 47	Module-Occupant Restraint Controller	8W-43
Cluster	8W-40	Module-Powertrain Control	8W-30, 31
Clutch-A/C Compressor	8W-42	Module-Sentry Key Immobilizer	8W-39
Coils-Ignition	8W-30	Module-Transfer Case Control	8W-31
Control-A/C-Heater	8W-42	Motor-Adjustable Pedal	8W-56
Data Link Connectors	8W-18	Motor-Blower	8W-42
Drive-Fan-Radiator	8W-30	Motor-Condenser Fan	8W-42
Fuse Holder	8W-13	Motor-IAC	8W-30
Fuses	8W-13	Motor-Seat Adjusters	8W-63
Fusible Link	8W-13	Motors-Lumbar	8W-63
Gauge-Engine Oil Temperature	8W-40	Motors-Power Window	8W-60
Generator	8W-20	Motor-Sunroof	8W-64
Grounds	8W-15	Motor-Windshield Wiper	8W-53
Heater-Fuel	8W-30	Power Outlets	8W-41
Heater-Intake Airs	8W-30	PTCS	8W-13
Heaters-Seat Cushion	8W-63	PTO Switch	8W-30
Horns	8W-41	Pump-Fuel Injection	8W-30
Injectors-Fuel	8W-30	Pump-Leak Detection	8W-30
Lamp-Bar-Tailgate	8W-51	Pump-Washer-Windshield	8W-53
Lamp-Center Bezel	8W-44	Radio	8W-47
Lamp-CHMSL-Aftermarket	8W-51	Receiver-Satellite	8W-47
Lamp-Clearances	8W-50	Relay-Adjustable Pedals	8W-56
Lamp-Dome-Rear	8W-44	Relay-Auto Shut Down	8W-30
Lamp-Glove Box	8W-44	Relay-Blower Motor	8W-42
Lamp-High Mounted Stop	8W-51	Relay-Clutch-A/C Compressor	8W-42
Lamp-Reading-Front	8W-44	Relay-Condenser Fan	8W-42
Lamps-Fender	8W-51	Relay-Fog Lamp	8W-50
Lamps-Fog	8W-50	Relay-Fuel Heater	8W-30
Lamps-Headlamp	8W-50	Relay-Fuel Pump	8W-30

Component	Page
Relay-Heated Mirror	8W-62
Relay-Horn	8W-41
Relay-Ignition Run-Acc	8W-13
Relay-Intake Air Heaters	8W-30
Relay-Oxygen Sensor Downstream	8W-30
Relay-Park Lamp	8W-50, 52
Relay-Rear Window Defogger	8W-48
Relay-Run	8W-13
Relays-Starter	8W-21
Relays-Trailer Tow	8W-54
Relays-Wiper	8W-53
Relay-Transmission Control	8W-31
Resistor Block-Blower Motor	8W-42
Seat Belts-Tensioner	8W-43
Seat Belt-Tension Reducer-Driver	8W-40, 43
Sensor-Accelerator Pedal Position	8W-30
Sensor-Ambient Air Temperature	8W-49
Sensor-Battery Temperature	8W-30
Sensor-Brake Fluid Level	8W-34, 35
Sensor-Camshaft Position	8W-30
Sensor-Crankshaft Position	8W-30
Sensor-Engine Coolant Temperature	8W-30
Sensor-Engine Oil Pressure	8W-30
Sensor-Engine Oil Temperature	8W-30, 40
Sensor-Evaporator Temperature	8W-42
Sensor-Intake Air Temperature	8W-30
Sensor-Knocks	8W-30
Sensor-Line Pressure	8W-31
Sensor-MAP	8W-30
Sensors-Oxygen	8W-30
Sensors-Side Impact	8W-43
Sensors-Speed	8W-31
Sensors-Wheel Speed	8W-34, 35
Sensor-Temperature/Pressure Intake	8W-30
Sensor-Temperature/Pressure-MAP	8W-30
Sensor-Throttle Position	8W-30
Sensor-Transfer Case Position	8W-31
Sensor-Transmission Range	8W-31
Sensor-Washer Fluid Level	8W-53
Sensor-Water In Fuel	8W-30
Servo-Speed Control	8W-33
Solenoid-Brake Transmission Shift Interlock	8W-40

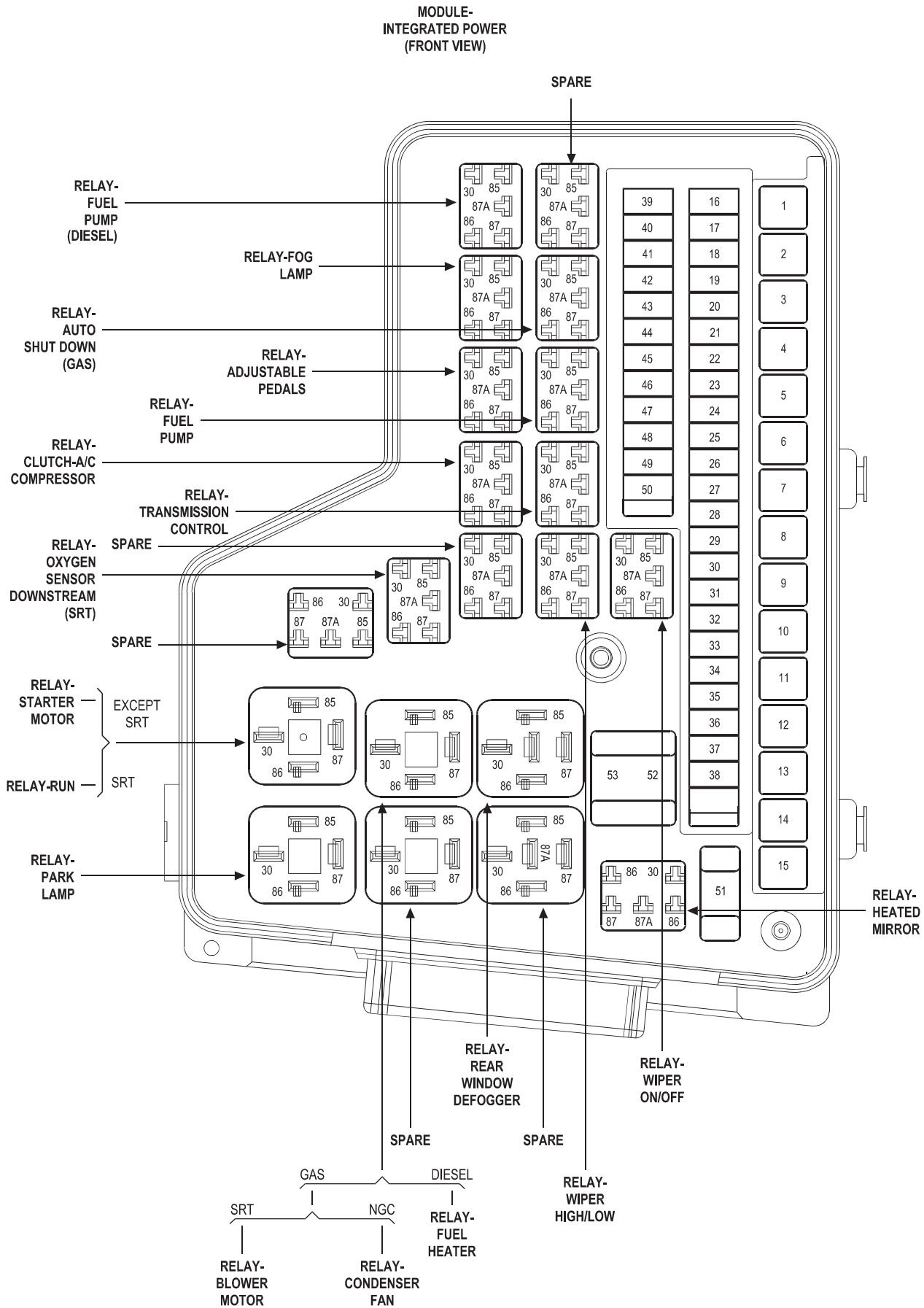
Component	Page
Solenoid-EVAP/Purge	8W-30
Solenoid-Radiator Fan	8W-30
Solenoid-Reverse Lock-Out	8W-30
Solenoids-Locker	8W-31
Solenoid-Wastegate	8W-30
Speakers	8W-47
Splices	8W-70
Starter	8W-21
Switch-Adjustable Pedals	8W-56
Switch-Axle Lock	8W-31
Switch-Back Up Lamp	8W-51
Switch-Clutch Interlock	8W-21
Switch-Cylinder Lock-Driver	8W-61
Switch-Disconnecting Stabilizer Bar	8W-31
Switch-Door Lock-Passenger	8W-61
Switch-Engine Oil Pressure	8W-30
Switches-Heated Seat	8W-63
Switches-Power Window	8W-60
Switches-Remote Radio	8W-47
Switches-Seat Belt	8W-40
Switches-Speed Control	8W-33
Switch-Headlamp	8W-40
Switch-Heated Seat-Passenger	8W-63
Switch-Horn	8W-41
Switch-Ignition	8W-13
Switch-Multifunction	8W-40
Switch-Oil Pressure	8W-30
Switch-Parking Brake	8W-40
Switch-Passenger Airbag On/Off	8W-43
Switch-Power Steering Pressure	8W-30
Switch-Push-Button Starter	8W-21
Switch-Seat-Driver	8W-63
Switch-Stop Lamp	8W-33
Switch-Sunroof	8W-64
Switch-Tow/Haul Overdrive	8W-31
Switch-Transfer Case Selector	8W-31
Switch-Window/Door Lock-Driver ...	8W-60, 61, 62
Throttle Body	8W-30
Transducer-A/C Pressure	8W-42
Wiring-Trailer Tow 4-Way	8W-54
Wiring-Trailer Tow 7-Way	8W-54

8W-13 INTEGRATED POWER MODULE

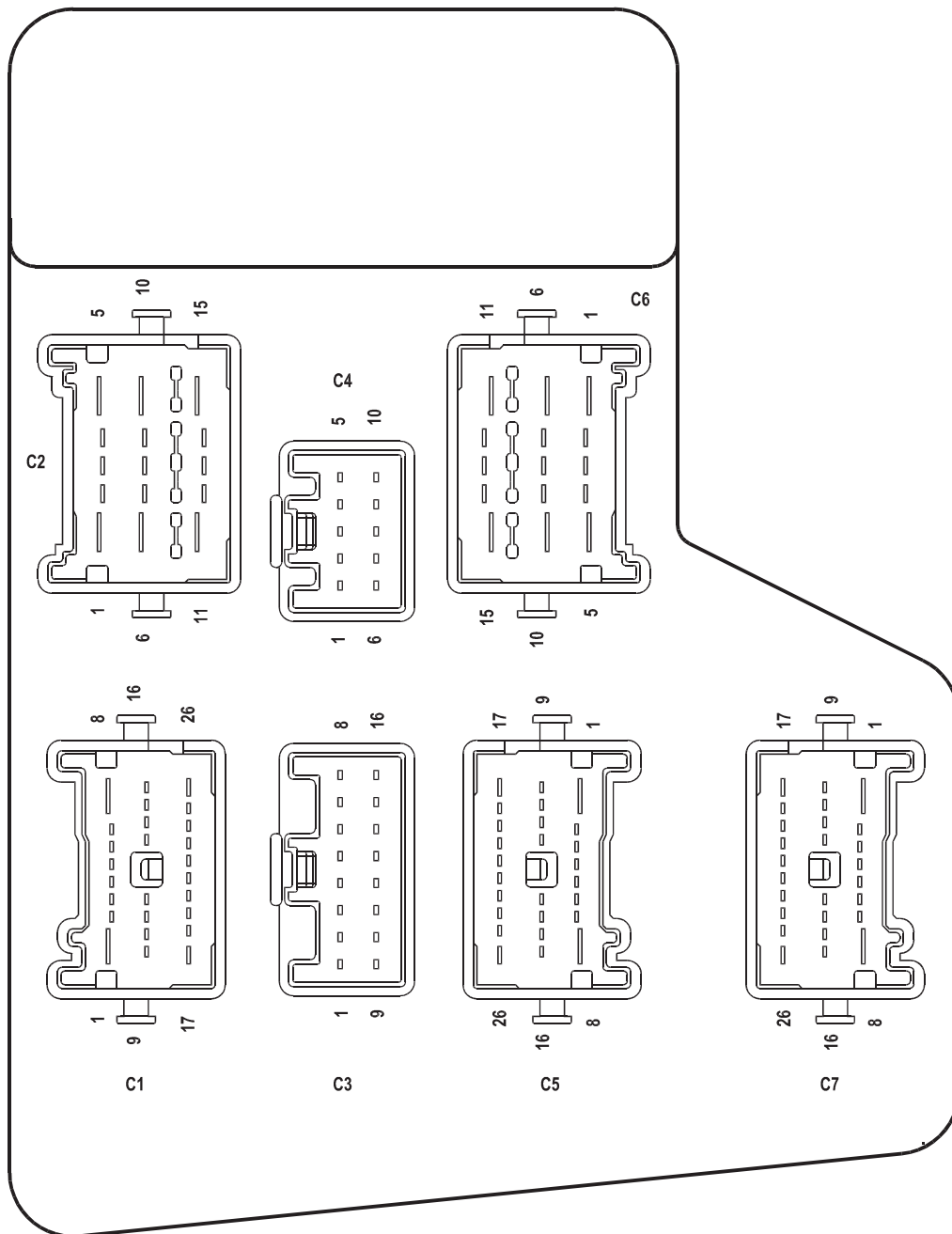
Component	Page	Component	Page
Amplifier-Radio	8W-13-23, 39	Fuse 27	8W-13-26
Amplifier-Subwoofer	8W-13-23, 40	Fuse 28	8W-13-21
Assembly-Natural Vacuum Leak Detection	8W-13-28	Fuse 29	8W-13-23
Assembly-Transmission Solenoid	8W-13-28, 29	Fuse 30	8W-13-34
Assembly-Transmission Solenoid/TRS	8W-13-27, 41, 48	Fuse 32	8W-13-36
Assembly-Winch	8W-13-13	Fuse 33	8W-13-36
Backlite-Heated	8W-13-40	Fuse 34	8W-13-36
Battery	8W-13-13	Fuse 35	8W-13-41
Battery-Auxiliary	8W-13-13	Fuse 36	8W-13-26
Capacitor-Ignition	8W-13-15	Fuse 38	8W-13-41
Circuit Breaker-Power Window	8W-13-24	Fuse 39	8W-13-38
Cluster	8W-13-20, 22, 23, 33, 39	Fuse 40	8W-13-42
Clutch-A/C Compressor	8W-13-38	Fuse 41	8W-13-43
Coil-Ignition-Left	8W-13-19	Fuse 42	8W-13-42
Coil-Ignition-No. 1	8W-13-16, 17	Fuse 43	8W-13-40
Coil-Ignition-No. 2	8W-13-16, 18	Fuse 45	8W-13-43
Coil-Ignition-No. 3	8W-13-16, 17	Fuse 46	8W-13-44
Coil-Ignition-No. 4	8W-13-16, 18	Fuse 47	8W-13-44
Coil-Ignition-No. 5	8W-13-15, 17	Fuse 48	8W-13-42
Coil-Ignition-No. 6	8W-13-15, 18	Fuse 49	8W-13-14
Coil-Ignition-No. 7	8W-13-15, 17	Fuse 50	8W-13-29, 30
Coil-Ignition-No. 8	8W-13-15, 18	Fuse 51	8W-13-33
Coil-Ignition-Right	8W-13-19	Fuse 52	8W-13-41
Control-A/C-Heater	8W-13-26, 40	Fuse 53	8W-13-40
Data Link Connector	8W-13-33, 45	Fuse Holder	8W-13-23, 24
Drive-Fan-Radiator	8W-13-26	Fuses	8W-13-5, 6
Fuse 1	8W-13-14	Fusible Link	8W-13-13
Fuse 2	8W-13-14	G100	8W-13-13
Fuse 3	8W-13-20	G101	8W-13-13
Fuse 4	8W-13-20, 25	G102	8W-13-13
Fuse 5	8W-13-27, 28, 29	G103	8W-13-27, 46, 47
Fuse 6	8W-13-31	G104	8W-13-24, 25, 27, 29, 32, 38, 46, 47
Fuse 7	8W-13-31	G106	8W-13-32
Fuse 8	8W-13-32	G107	8W-13-34
Fuse 9	8W-13-24	G108	8W-13-13
Fuse 10	8W-13-20	G109	8W-13-13
Fuse 11	8W-13-33	G201	8W-13-20
Fuse 12	8W-13-29, 34	Gauge-Engine Oil Temperature	8W-13-22
Fuse 13	8W-13-33	Generator	8W-13-13, 28
Fuse 14	8W-13-25, 35	Heater-Fuel	8W-13-29
Fuse 15	8W-13-36	Horn-No. 1	8W-13-43
Fuse 16	8W-13-38	Horn-No. 2	8W-13-43
Fuse 17	8W-13-38	Injector-Fuel-No. 1	8W-13-16, 17, 19
Fuse 18	8W-13-33	Injector-Fuel-No. 2	8W-13-16, 18, 19
Fuse 19	8W-13-39	Injector-Fuel-No. 3	8W-13-16, 17, 19
Fuse 20	8W-13-20	Injector-Fuel-No. 4	8W-13-16, 18, 19
Fuse 21	8W-13-39	Injector-Fuel-No. 5	8W-13-16, 17, 19
Fuse 22	8W-13-39	Injector-Fuel-No. 6	8W-13-16, 18, 19
Fuse 23	8W-13-39	Injector-Fuel-No. 7	8W-13-15, 17, 19
Fuse 24	8W-13-33	Injector-Fuel-No. 8	8W-13-15, 18, 19
Fuse 25	8W-13-39	Injector-Fuel-No. 9	8W-13-19
Fuse 26	8W-13-40	Injector-Fuel-No. 10	8W-13-19

Component	Page
Lamp-Bar-Tailgate	8W-13-36
Lamp-Center Bezel	8W-13-37
Lamp-Clearance No. 1	8W-13-37
Lamp-Clearance No. 2	8W-13-37
Lamp-Clearance No. 3	8W-13-37
Lamp-Clearance No. 4	8W-13-37
Lamp-Clearance No. 5	8W-13-37
Lamp-Fender-Front Left	8W-13-37
Lamp-Fender-Front Right	8W-13-37
Lamp-Fender-Rear Left	8W-13-37
Lamp-Fender-Rear Right	8W-13-37
Lamp-Fog-Left	8W-13-43
Lamp-Fog-Right	8W-13-43
Lamp-Headlamp-Left	8W-13-45
Lamp-Headlamp-Right	8W-13-45
Lamp-License-Left	8W-13-36
Lamp-License-Right	8W-13-36
Lamp-Park/Turn-Left Front	8W-13-36, 46
Lamp-Park/Turn-Right Front	8W-13-36, 46
Lamp-Tail Stop/Turn-Left	8W-13-36, 45, 46, 47
Lamp-Tail Stop/Turn-Right	8W-13-37, 45, 46, 47
Lamp-Underhood	8W-13-33
Mirror-Inside Rearview	8W-13-22, 47
Mirror-Outside Rearview-Driver	8W-13-26
Mirror-Outside Rearview-Passenger	8W-13-26
Module-Anti-Lock Brakes	8W-13-31, 41
Module-Brake Provision	8W-13-14
Module-Electronic Overhead	8W-13-22, 39
Module-Engine Control	8W-13-13, 29, 30, 35, 38
Module-Final Drive Control	8W-13-30, 40
Module-Front Controls	8W-13-12, 30, 32, 33, 36, 42, 43, 44, 45, 46, 47
Module-Fuel Pump	8W-13-38
Module-Hands Free	8W-13-23, 33
Module-Heated Seats	8W-13-42
Module-Integrated Power	8W-13-3, 4, 13, 14, 15, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47
Module-Occupant Restraint Controller	8W-13-40, 41
Module-Powertrain Control	8W-13-14, 15, 20, 21, 27, 28, 30, 34, 35, 38, 39
Module-Sentry Key Immobilizer	8W-13-30, 39
Module-Transfer Case Control	8W-13-35, 40
Motor-Blower	8W-13-20, 25
Motor-Condenser Fan	8W-13-34
Motor-Sunroof	8W-13-23, 24
Motor-Windshield Wiper	8W-13-32, 47
Power Outlet-Console	8W-13-39, 42
Power Outlet-Instrument Panel	8W-13-23
Power Outlet-Rear	8W-13-23
PTC No. 1	8W-13-38
PTC No. 2	8W-13-23
PTC No. 5	8W-13-33
Pump-Washer-Windshield	8W-13-47
Radio	8W-13-23, 33

Component	Page
Relay-Adjustable Pedals	8W-13-42
Relay-Auto Shut Down	8W-13-14
Relay-Blower Motor	8W-13-25
Relay-Clutch-A/C Compressor	8W-13-38
Relay-Condenser Fan	8W-13-34
Relay-Fog Lamp	8W-13-43
Relay-Fuel Heater	8W-13-29
Relay-Fuel Pump	8W-13-38
Relay-Heated Mirror	8W-13-26
Relay-Horn	8W-13-43
Relay-Ignition Run-Acc	8W-13-24
Relay-Intake Air Heater No. 1	8W-13-13
Relay-Intake Air Heater No. 2	8W-13-13
Relay-Oxygen Sensor Downstream	8W-13-14
Relay-Park Lamp	8W-13-36
Relay-Rear Window Defogger	8W-13-40
Relay-Run	8W-13-25
Relay-Starter	8W-13-23
Relay-Starter Motor	8W-13-35
Relay-Trailer Tow-Left Turn	8W-13-44
Relay-Trailer Tow-Right Turn	8W-13-44
Relay-Transmission Control	8W-13-27, 28, 29
Relay-Wiper High/Low	8W-13-32
Relay-Wiper On/Off	8W-13-32
Seat Belt-Tension Reducer-Driver	8W-13-23
Sensor-Ambient Air Temperature	8W-13-45, 47
Sensor-Oxygen-Left Front	8W-13-14
Sensor-Oxygen-Left Rear	8W-13-14
Sensor-Oxygen-Right Front	8W-13-14
Sensor-Oxygen-Right Rear	8W-13-14
Sensor-Transmission Range	8W-13-35, 41, 48
Sensor-Washer Fluid Level	8W-13-47
Solenoid-EVAP/Purge	8W-13-30
Solenoid-Radiator Fan	8W-13-15
Solenoid-Reverse Lock-Out	8W-13-28
Solenoid-Wastegate	8W-13-26
Starter	8W-13-13, 35
Switch-Adjustable Pedals	8W-13-26, 42
Switch-Back Up Lamp	8W-13-41, 48
Switch-Clutch Interlock	8W-13-34, 35
Switch-Door Lock-Passenger	8W-13-22
Switch-Headlamp	8W-13-43
Switch-Ignition	8W-13-20, 21, 23, 24, 25
Switch-Passenger Airbag On/Off	8W-13-40
Switch-Push-Button Starter	8W-13-21
Switch-Seat-Driver	8W-13-31
Switch-Seat-Passenger	8W-13-31
Switch-Stop Lamp	8W-13-30, 33
Switch-Transfer Case Selector	8W-13-21
Switch-Window/Door Lock-Driver	8W-13-20, 24, 42
Wiring-Trailer Tow 4-Way	8W-13-36, 44
Wiring-Trailer Tow 7-Way	8W-13-36, 39, 44, 47



MODULE-
INTEGRATED POWER
(REAR VIEW)



FUSES
(IPM)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	30A	A400 14TN/RD ◆◆◆◆	FUSED B(+)
2	30A	INTERNAL ○	FUSED B(+)
3	30A	A921 16RD ■■■■	FUSED B(+)
4	40A	A970 10RD	FUSED B(+)
5	20A	INTERNAL	FUSED B(+)
6	40A	A111 14DG/RD	FUSED B(+)
7	50A	A210 10OR/RD ■■■■	FUSED B(+)
7	50A	A210 12OR/RD ■■■■	FUSED B(+)
8	30A	INTERNAL	FUSED B(+)
9	40A	A991 10RD ■■■■	FUSED B(+)
9	40A	A991 12RD ■■■■	FUSED B(+)
10	40A	A981 14RD ■■■■	FUSED B(+)
10	40A	A981 12RD ■■■■	FUSED B(+)
11	30A	INTERNAL	FUSED B(+)
12	40A	A960 14RD ○○	FUSED B(+)
12	30A	A16 16RD/BR ■	FUSED B(+)
13	30A	INTERNAL	FUSED B(+)
14	30A	INTERNAL	FUSED B(+)
15	50A	INTERNAL	FUSED B(+)
16	10A	INTERNAL	FUSED B(+)
17	20A	INTERNAL ○	FUSED B(+)
18	15A	A944 20RD	FUSED B(+)
19	20A	A100 14RD/VT ◆◆◆	FUSED B(+)
20	25A	A951 16RD	FUSED B(+)
21	20A	A116 18YL/RD ■■■■	FUSED B(+)
21	20A	A116 16YL/RD ■■■■	FUSED B(+)
22	20A	A941 18RD	FUSED B(+)
23	15A	A919 20RD	FUSED B(+)
24	15A	A103 18GY/RD	FUSED B(+)
25	20A	A205 18RD/OR ■■■■	FUSED B(+)
25	20A	A205 16RD/OR ■■■■	FUSED B(+)
26	25A	INTERNAL	FUSED B(+)
27	15A	INTERNAL	FUSED B(+)
28	10A	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
29	20A	F984 18PK/YL ■■■■	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
29	20A	F984 16PK/YL ■■■■	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
30	-	-	-
31	-	-	-
32	10A	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
33	20A	L678 18BR ■■■■	FUSED PARK LAMP RELAY OUTPUT

○ GAS
 ○○ DIESEL
 ◆◆◆ OFF ROAD
 ■ NGC
 ■■■ SRT
 ■■■■ EXCEPT SRT
 ◆◆◆◆ TRAILER TOW

**FUSES
(IPM)**

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
33	20A	L678 16BR 	FUSED PARK LAMP RELAY OUTPUT
34	10A	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
35	10A	F500 20DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
36	10A	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
37	-	-	-
38	15A	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
39	20A	INTERNAL 	FUSED B(+)
40	15A	INTERNAL	FUSED B(+)
41	15A	INTERNAL	FUSED B(+)
42	20A	A405 18RD/DB	FUSED B(+)
43	25A	A34 16RD/WT 	FUSED B(+)
43	25A	A916 16RD 	FUSED B(+)
44	-	-	-
45	20A	INTERNAL	FUSED B(+)
46	15A	INTERNAL	FUSED B(+)
47	15A	INTERNAL	FUSED B(+)
48	20A	A930 18RD	FUSED B(+)
49	20A	INTERNAL 	FUSED AUTO SHUT DOWN RELAY OUTPUT
50	10A	F202 20PK/GY 	FUSED IGNITION SWITCH OUTPUT (RUN-START)
51	20A	A114 18GY/RD	FUSED B(+)
52	15A	F100 18PK/VT 	FUSED IGNITION SWITCH OUTPUT (RUN)
52	15A	F100 20PK/VT 	FUSED IGNITION SWITCH OUTPUT (RUN)
53	15A	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN)

 SRT  DIESEL
 EXCEPT SRT  ETC EXCEPT SRT

POSITIVE TEMPERATURE COEFFICIENTS (PTC)

PTC NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	7.5A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
2	4.5A	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-	-
4	-	-	-
5	7.5A	INTERNAL	FUSED B(+)

RELAYS
(IPM)RELAY-
ADJUSTABLE
PEDALS

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	ADJUSTABLE PEDALS RELAY CONTROL
87	-	-
87A	A72 18RD/OR	ADJUSTABLE PEDALS RELAY OUTPUT

RELAY-
AUTO
SHUT
DOWN
(GAS)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	K51 18BR/WT 	ASD RELAY CONTROL
86	K51 20BR/WT 	ASD RELAY CONTROL
87	INTERNAL	ASD RELAY OUTPUT
87A	-	-

RELAY-
BLOWER
MOTOR
(SRT)

CAVITY	CIRCUIT	FUNCTION
30	A970 10 RD	FUSED B(+)
85	F102 18PK/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
86	Z1 18BK	GROUND
87	C7 10DB	BLOWER MOTOR FEED
87A	-	-

 SRT
 EXCEPT SRT

RELAYS
(IPM)
(CONTINUED)

RELAY-
CLUTCH-A/C
COMPRESSOR

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
86	C13 18LB/OR ■■■	A/C CLUTCH RELAY CONTROL
86	C13 20LB/OR ■■■■	A/C CLUTCH RELAY CONTROL
87	C3 18DB/YL ■■■	A/C CLUTCH RELAY OUTPUT
87	C3 20DB/YL ■■■■	A/C CLUTCH RELAY OUTPUT
87A	-	-

RELAY-
CONDENSER
FAN
(NGC)

CAVITY	CIRCUIT	FUNCTION
30	A16 16RD/BR	FUSED B(+)
85	A16 16RD/BR	FUSED B(+)
86	K173 18BR/VT	CONDENSER FAN RELAY CONTROL
87	C123 16LB/WT	CONDENSER FAN RELAY OUTPUT
87A	-	-

RELAY-FOG
LAMP

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	FOG LAMP RELAY CONTROL
87	L89 18WT/YL	FOG LAMP RELAY OUTPUT
87A	-	-

RELAY-
FUEL
HEATER
(DIESEL)

CAVITY	CIRCUIT	FUNCTION
30	A960 14RD	FUSED B(+)
85	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
86	Z114 20BK/LG	GROUND
87	A961 14RD	FUEL HEATER RELAY OUTPUT
87A	-	-

RELAY-
FUEL
PUMP

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL ○	FUSED IGNITION SWITCH OUTPUT (RUN-START)
85	Z723 20BK ○○	GROUND
86	K31 18BR ■■■	FUEL PUMP RELAY CONTROL
86	K31 20BR ■■■■	FUEL PUMP RELAY CONTROL
87	A109 16OR/RD	FUEL PUMP RELAY OUTPUT
87A	-	-

■■■ SRT ○ GAS
■■■■ EXCEPT SRT ○○ DIESEL

RELAYS
(IPM)
(CONTINUED)

RELAY-
HEATED
MIRROR

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
86	C110 20DB/LB	DEFOGGER RELAY CONTROL
87	C16 16DB/GY	HEATED MIRROR RELAY OUTPUT
87A	-	-

RELAY-
HORN

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	HORN RELAY CONTROL
87	X2 18DG/OR	HORN RELAY OUTPUT
87A	-	-

RELAY-
OXYGEN
SENSOR
DOWNSTREAM
(SRT)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED AUTO SHUT DOWN RELAY OUTPUT
85	INTERNAL	FUSED AUTO SHUT DOWN RELAY OUTPUT
86	K127 18BR/OR	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
87	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
87A	-	-

RELAY-
PARK
PUMP

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	PARK LAMP RELAY CONTROL
87	INTERNAL	PARK LAMP RELAY OUTPUT
87A	-	-

RELAYS
(IPM)
(CONTINUED)

RELAY-
REAR
WINDOW
DEFOGGER

CAVITY	CIRCUIT	FUNCTION
30	C15 16DB/WT	REAR WINDOW DEFOGGER RELAY OUTPUT
85	C110 20DB/LB	DEFOGGER RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
87	INTERNAL	FUSED B(+)
87A	-	-

RELAY-RUN
(SRT)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	F102 18PK/DB	IGNITION SWITCH OUTPUT (RUN)
86	Z1 18BK	GROUND
87	F922 14PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
87A	-	-

RELAY-
STARTER
MOTOR
(EXCEPT SRT)

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	T751 16YL	FUSED IGNITION SWITCH OUTPUT (START)
86	T41 20YL/DB ○○	TRS T41 SENSE
86	T752 20DG/OR ○	STARTER MOTOR RELAY CONTROL
87	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT
87A	-	-

RELAY-
TRAILER
TOW
LEFT
TURN

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	TRAILER TOW LEFT TURN RELAY CONTROL
87	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
87A	-	-

○ GAS
○○ DIESEL

RELAYS
(IPM)
(CONTINUED)

RELAY-
TRAILER
TOW
RIGHT
TURN

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	FUSED B(+)
86	INTERNAL	TRAILER TOW RIGHT TURN RELAY CONTROL
87	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
87A	-	-

RELAY-
TRANSMISSION
CONTROL

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	T515 18YL/DB   	TRANSMISSION CONTROL RELAY CONTROL
85	T515 20YL/DB    	TRANSMISSION CONTROL RELAY CONTROL
86	K125 18BR/DG   	GENERATOR SOURCE
86	F941 20PK/LG  	FUSED IGNITION SWITCH OUTPUT (RUN-START)
86	Z912 20BK 	GROUND
87	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
87A	-	-

RELAY-
WIPER
HIGH/LOW

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	WIPER CONTROL
85	INTERNAL	WIPER HIGH/LOW RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	W4 14BR/OR   	WIPER RELAY HIGH SPEED OUTPUT
87	W4 16BR/OR    	WIPER RELAY HIGH SPEED OUTPUT
87A	W3 14BR/WT   	WIPER RELAY LOW SPEED OUTPUT
87A	W3 16BR/WT    	WIPER RELAY LOW SPEED OUTPUT

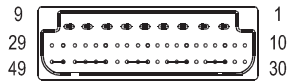
RELAY-
WIPER
ON/OFF

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	WIPER CONTROL
85	INTERNAL	WIPER ON/OFF RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FUSED B(+)
87A	Z920 12BK	GROUND

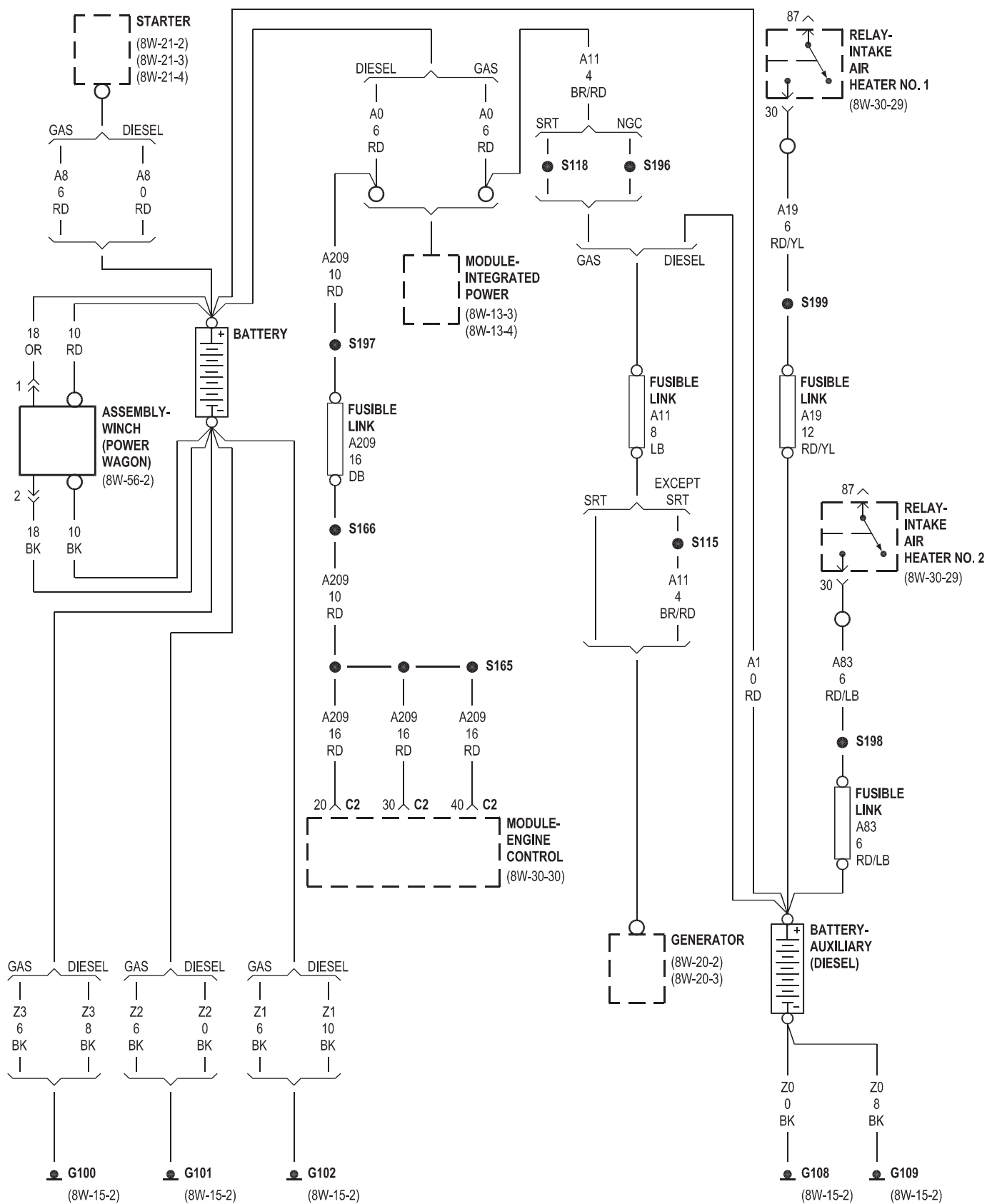
 NGC
   SRT
    EXCEPT SRT
  DIESEL

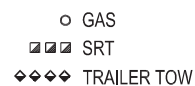
MODULE-FRONT CONTROL

CAV	CIRCUIT	FUNCTION
1	L44 18WT/TN	RIGHT LOW BEAM DRIVER
2	L33 18WT/LG	LEFT HIGH BEAM DRIVER
3	INTERNAL	FUSED B(+)
4	INTERNAL	FUSED B(+)
5	W10 20BR	WASHER PUMP MOTOR CONTROL
6	INTERNAL	FUSED B(+)
7	INTERNAL	FUSED B(+)
8	L34 18WT/GY	RIGHT HIGH BEAM DRIVER
9	L43 18WT/DB	LEFT LOW BEAM DRIVER
10	INTERNAL	FUSED B(+)
11	-	-
12	Z117 18BK/WT	GROUND
13	-	-
14	INTERNAL	TRAILER TOW LEFT TURN RELAY CONTROL
15	INTERNAL	PARK LAMP RELAY CONTROL
16	-	-
17	INTERNAL	WIPER ON/OFF RELAY CONTROL
18	INTERNAL	FOG LAMP RELAY CONTROL
19	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
20	-	-
21	-	-
22	L1 18WT/LG	BACKUP LAMP FEED
23	-	-
24	-	-
25	-	-
26	-	-
27	Z116 18BK/VT	GROUND
28	W1 20BR/TN	WASHER FLUID SWITCH SENSE
29	G31 20VT/LG	AAT SIGNAL
30	Z118 18BK/YL	GROUND
31	Z117 18BK/WT	GROUND
32	INTERNAL	HORN RELAY CONTROL
33	-	-
34	INTERNAL	TRAILER TOW RIGHT TURN RELAY CONTROL
35	INTERNAL	ADJUSTABLE PEDALS RELAY CONTROL
36	-	-
37	INTERNAL	WIPER HIGH/LOW RELAY CONTROL
38	D25 20VT/PK	PCI BUS
39	-	-
40	-	-
41	L54 18WT/LG	RIGHT STOP LAMP DRIVER
42	L61 18WT/LG	LEFT FRONT TURN LAMP DRIVER
43	L53 18DG/WT	LEFT STOP LAMP DRIVER
44	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
45	L60 18WT/TN	RIGHT FRONT TURN LAMP DRIVER
46	G180 20VT/YL	SENSOR GROUND
47	Z118 18BK/YL	GROUND
48	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
49	W7 20BR/GY	WIPER PARK SWITCH SENSE

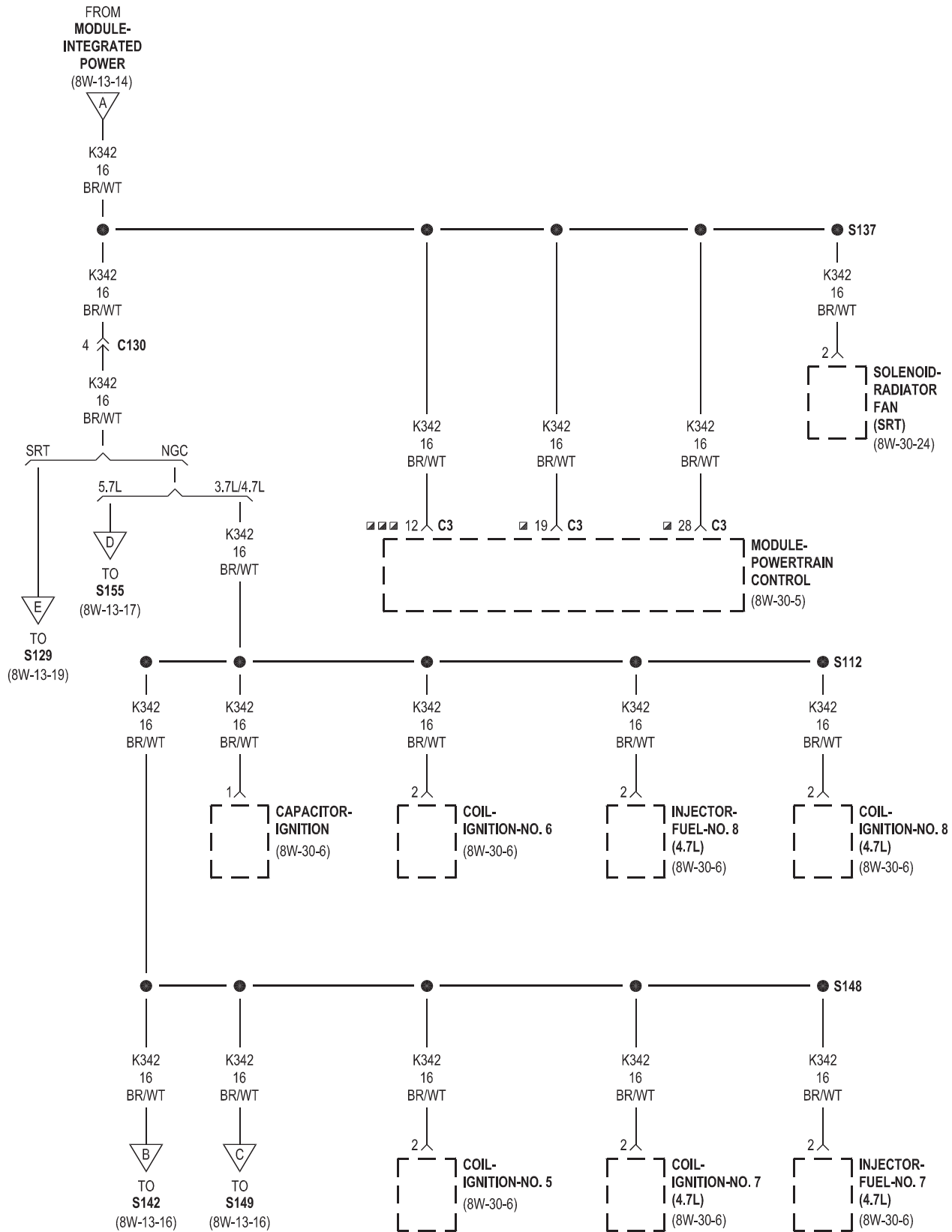


■ ■ EXCEPT NGC

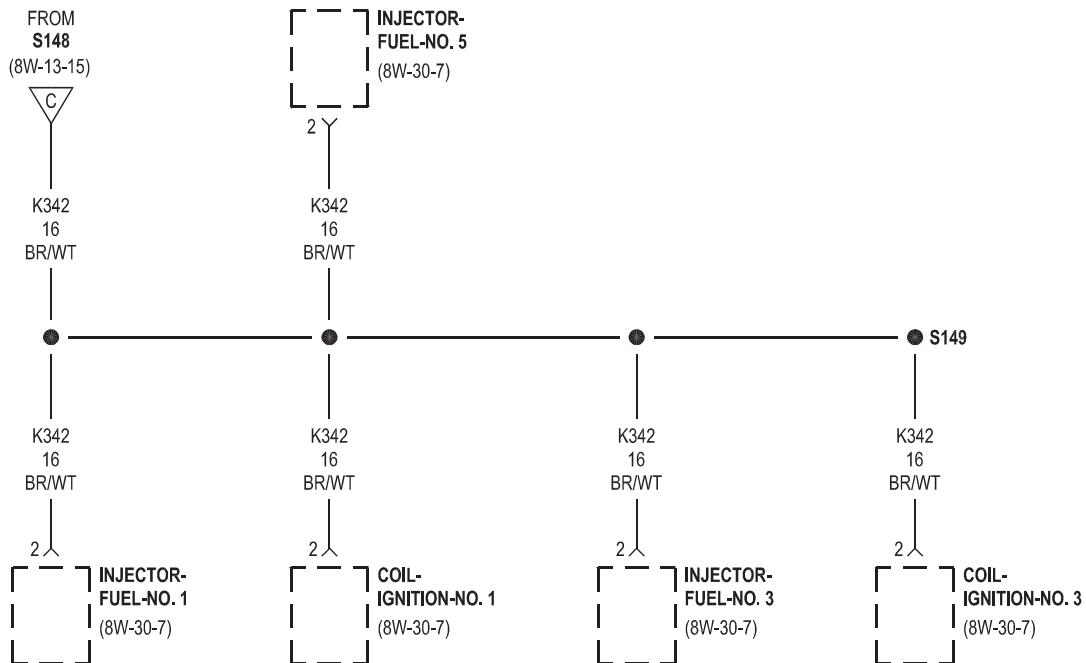
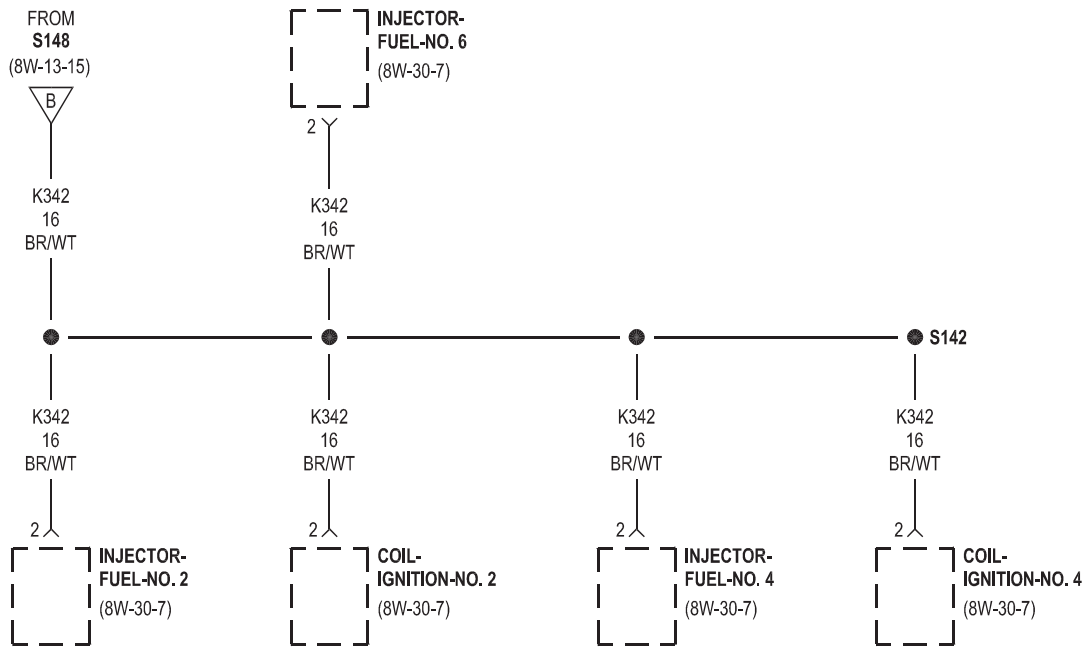




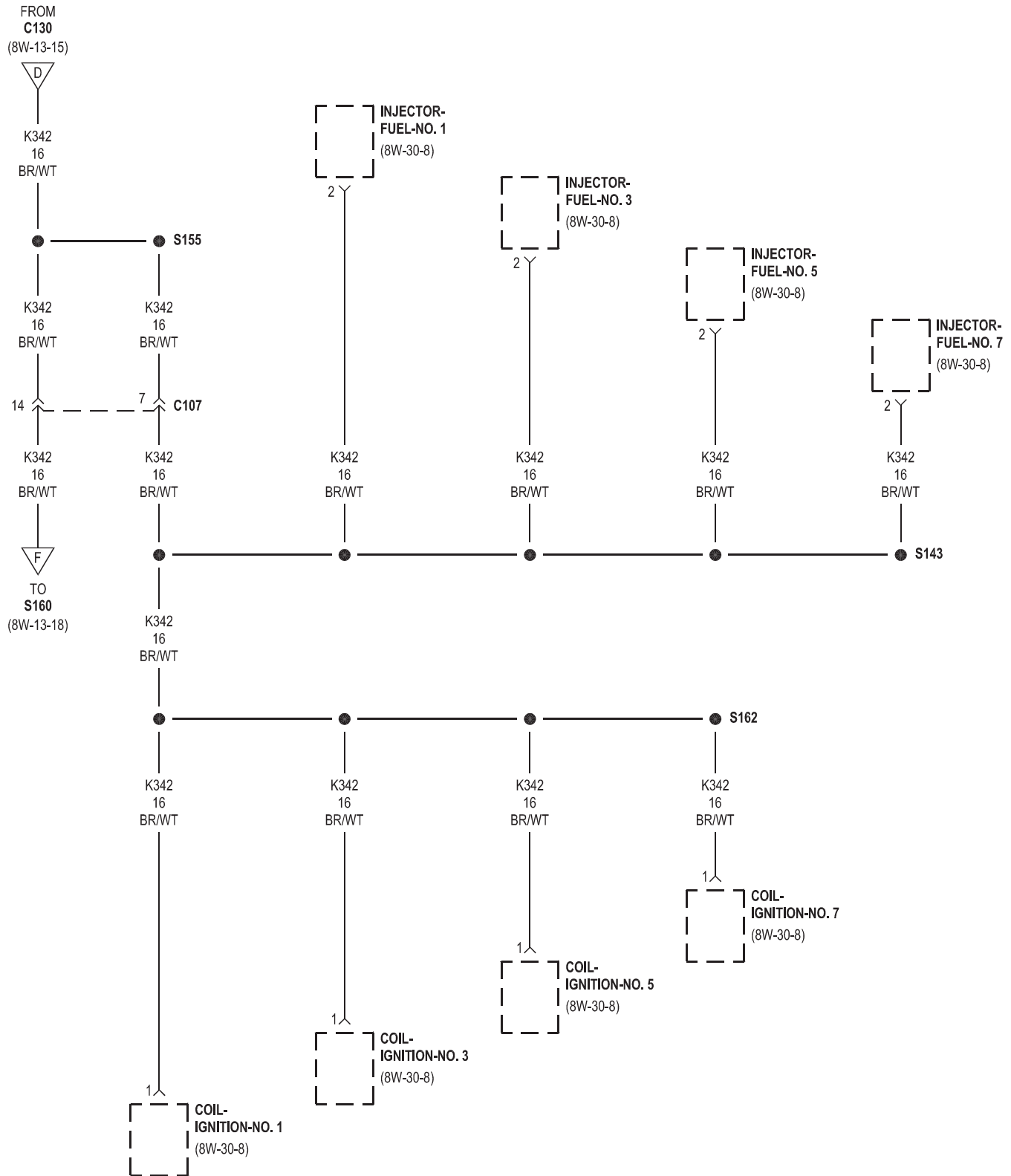
DR 8W-13 INTEGRATED POWER MODULE GAS 8W - 13 - 15



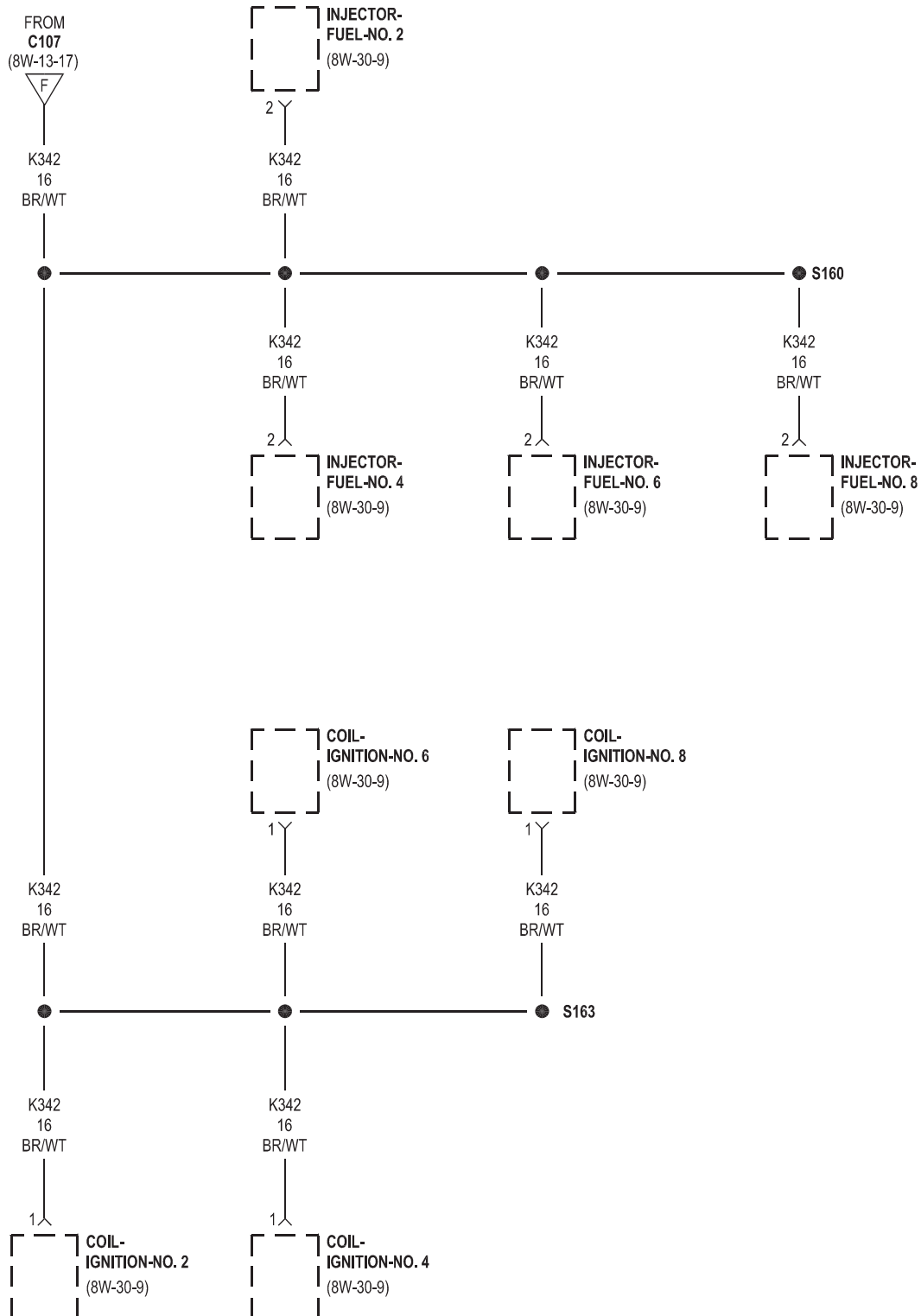
NGC
SRT



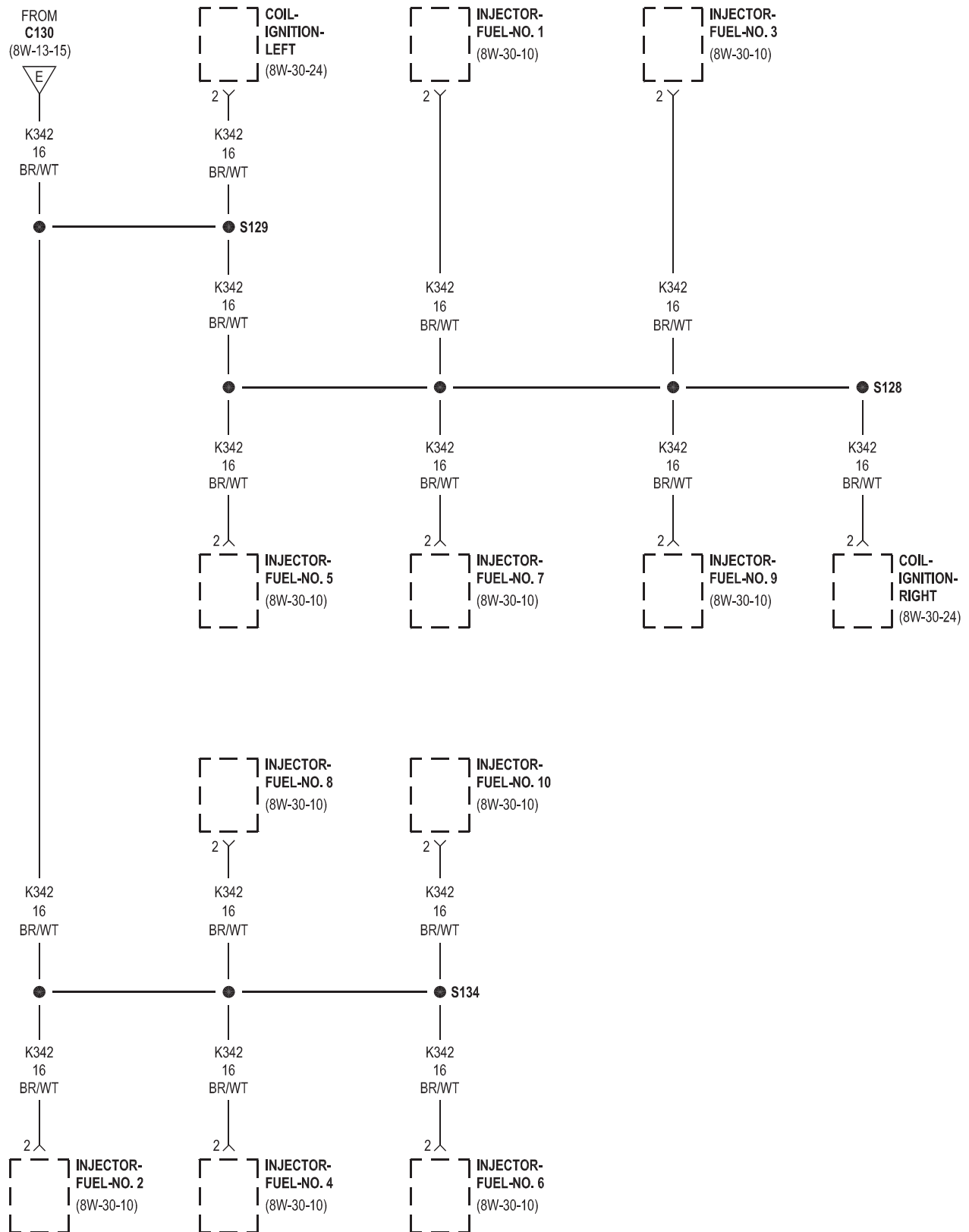
DR **8W-13 INTEGRATED POWER MODULE** **8W - 13 - 17**
5.7L



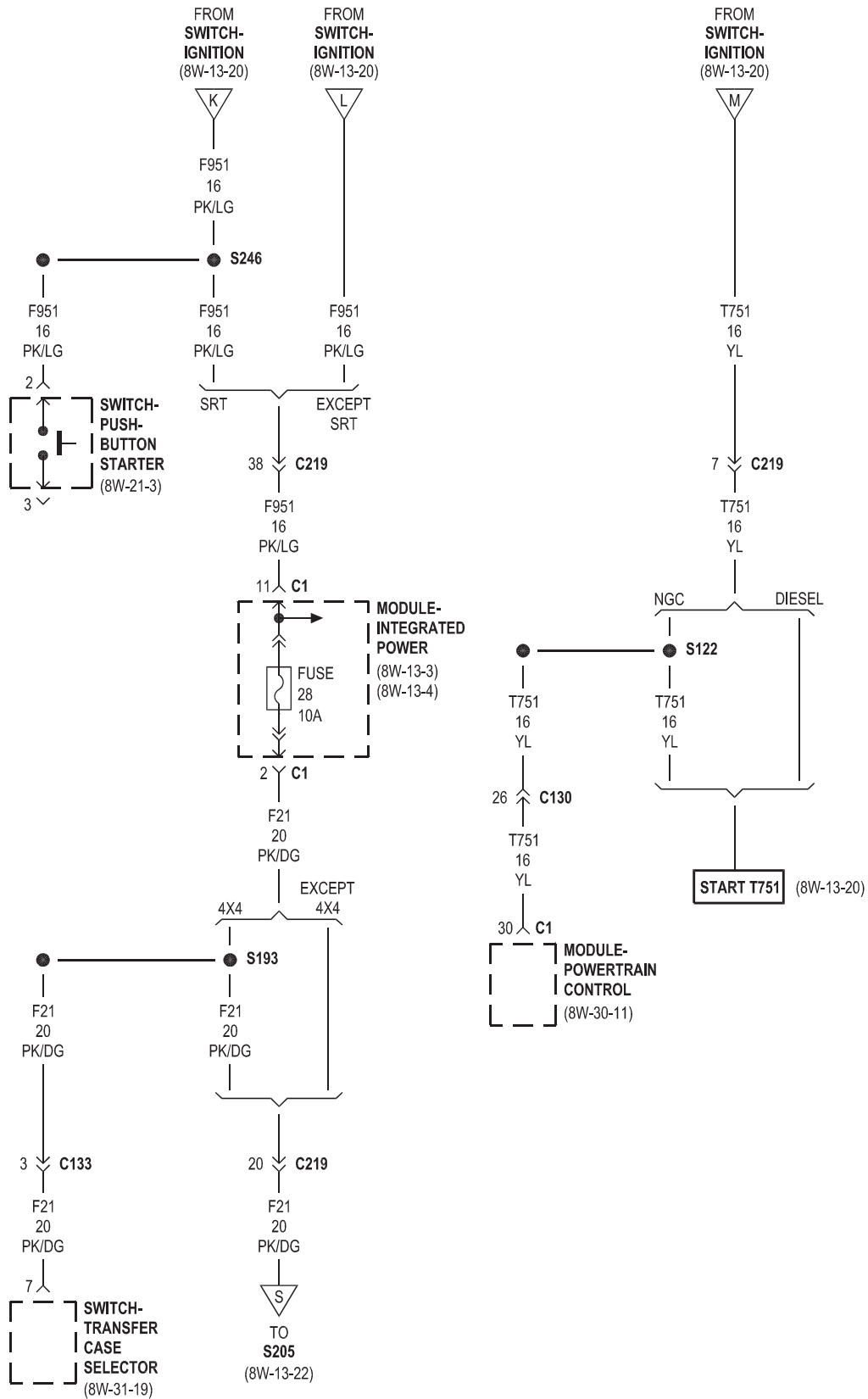
5.7L

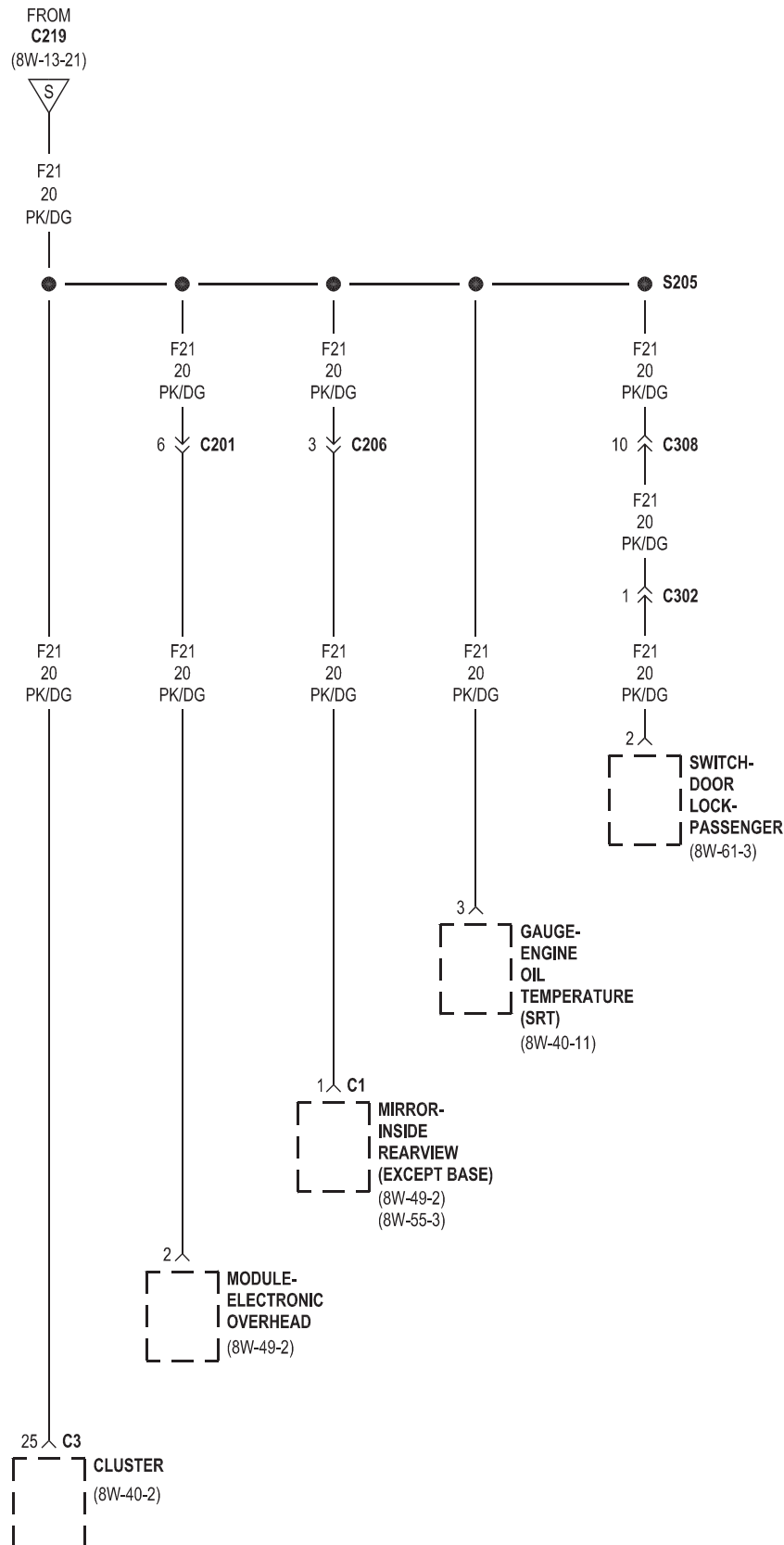


DR **8W-13 INTEGRATED POWER MODULE** **8W - 13 - 19**
SRT

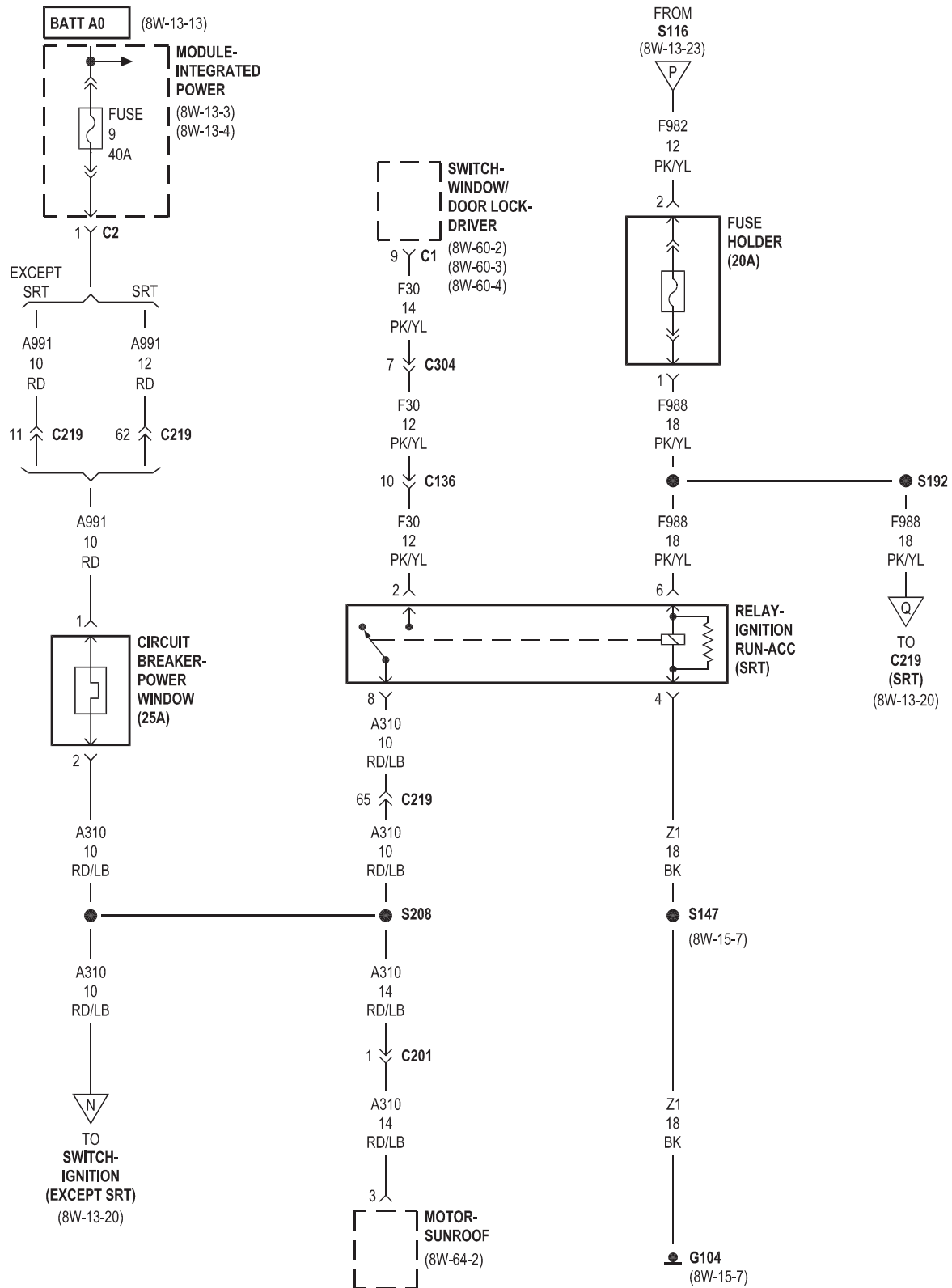






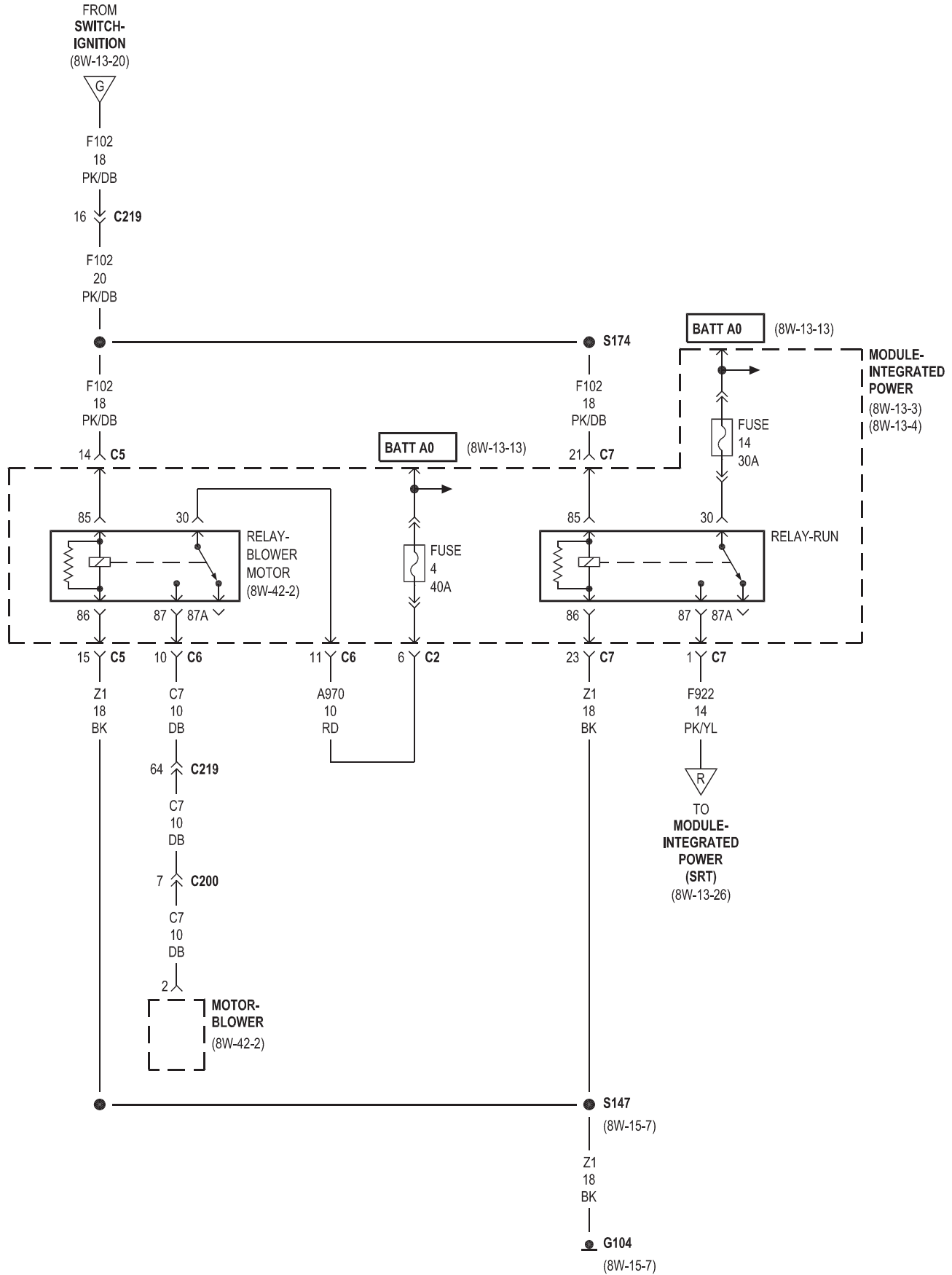






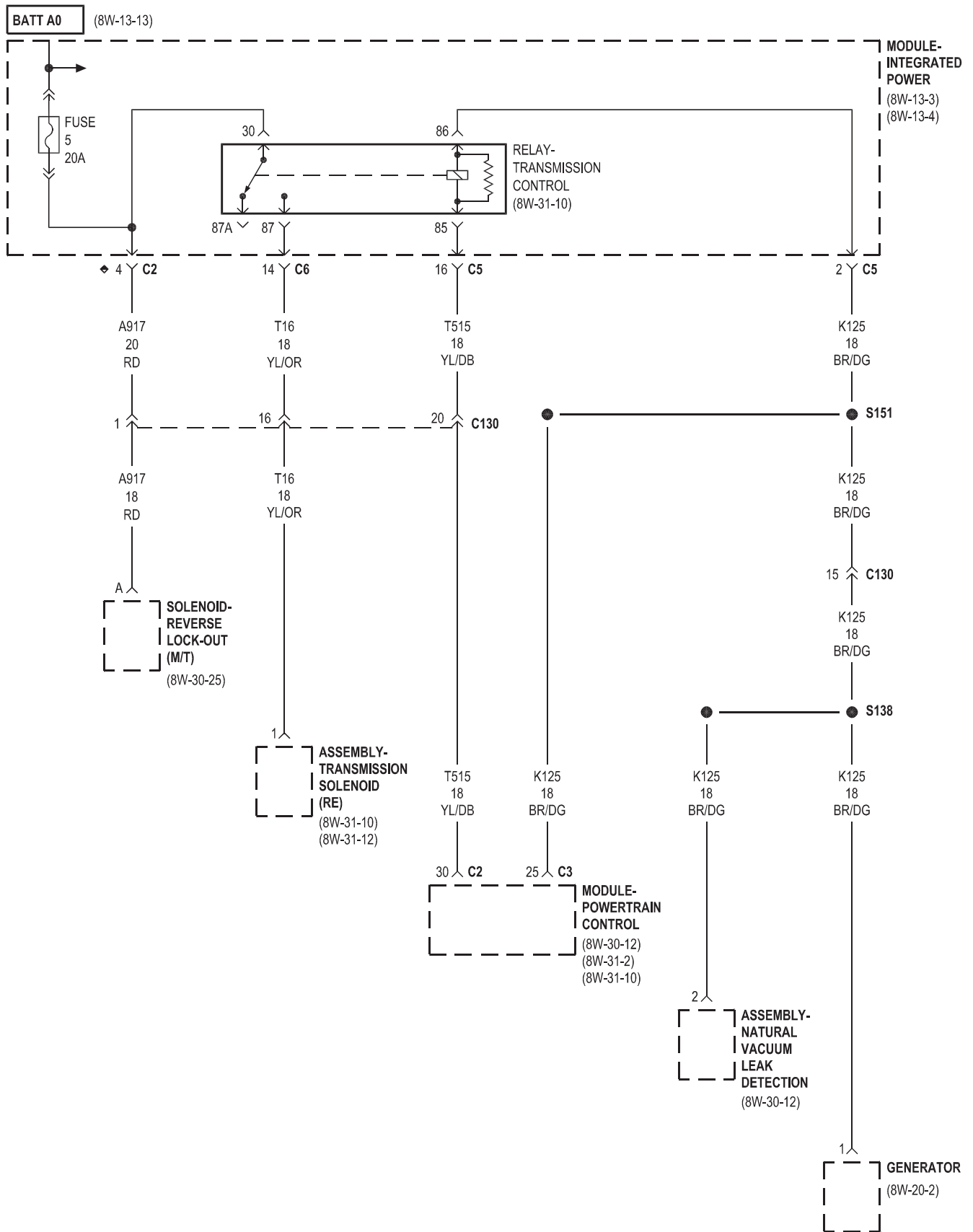
DR ————— 8W-13 INTEGRATED POWER MODULE ————— 8W - 13 - 25

SRT

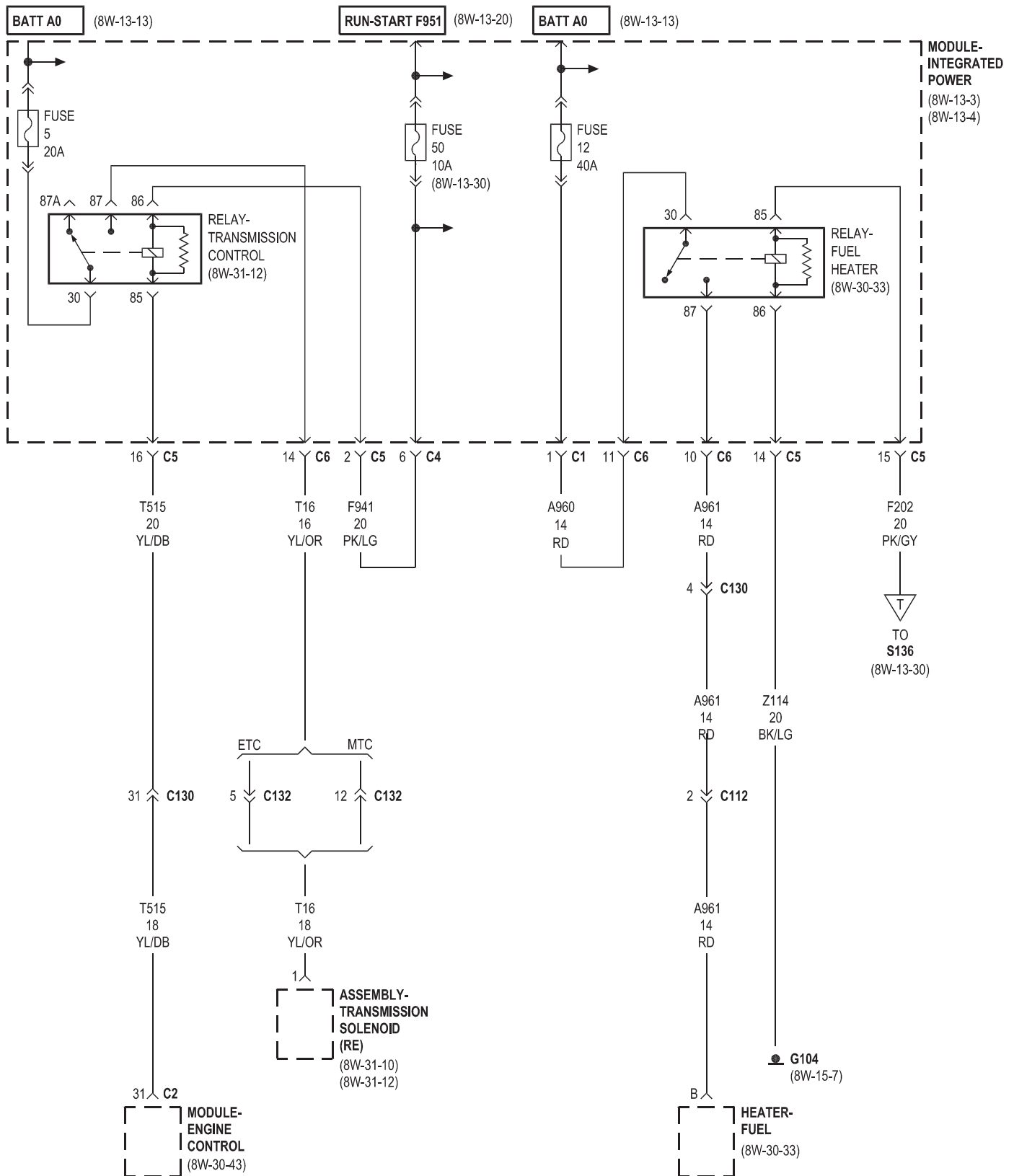


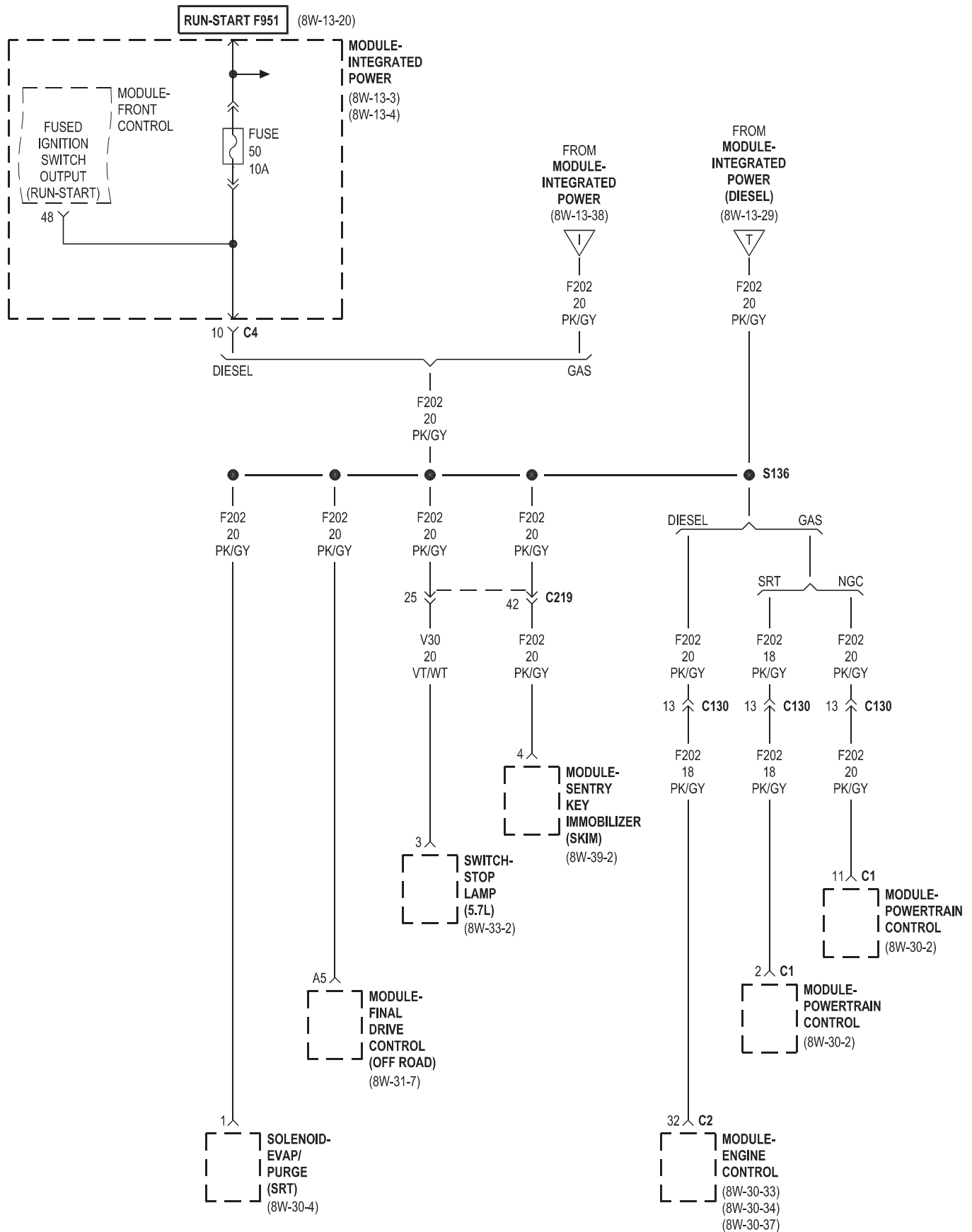




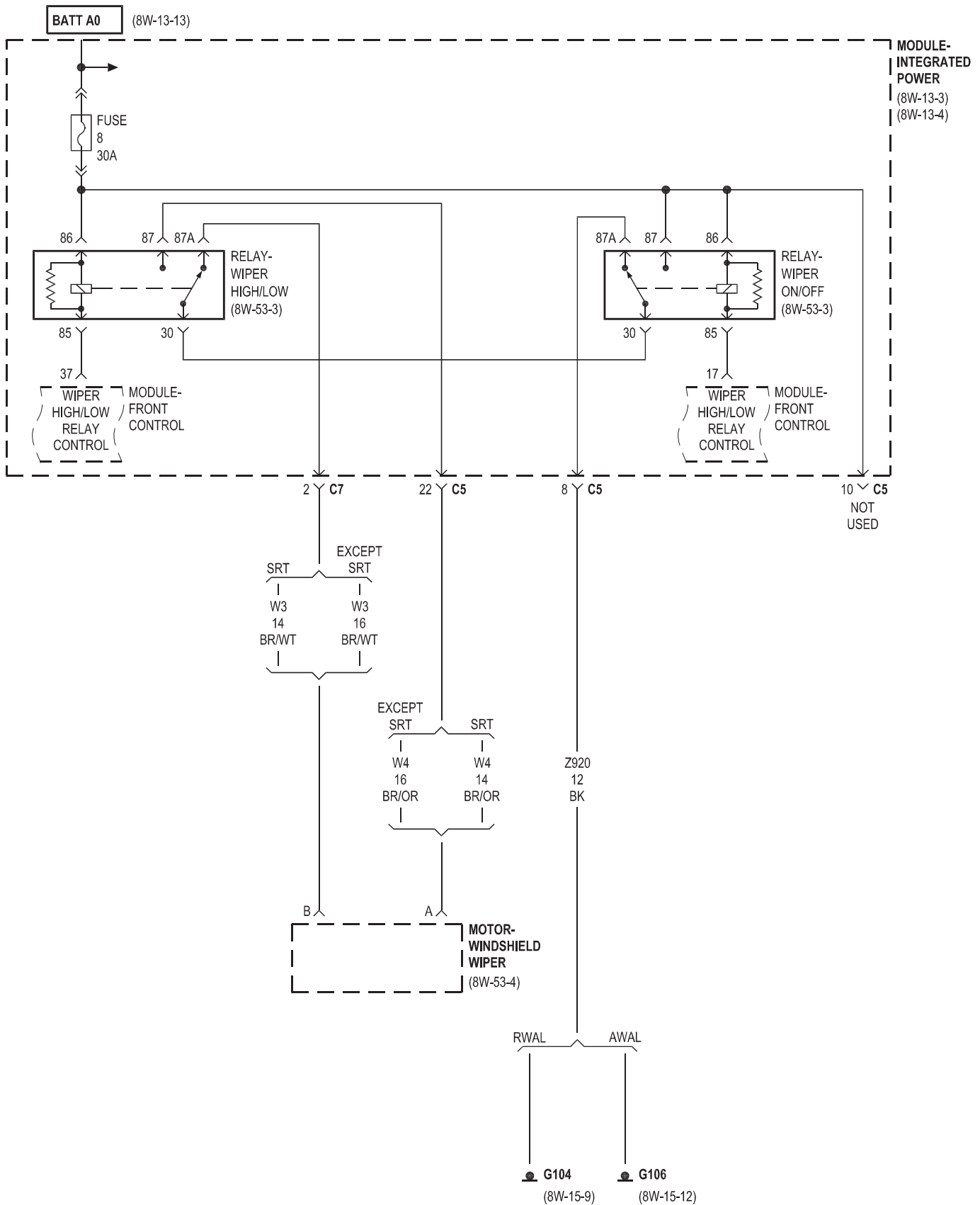


DR 8W-13 INTEGRATED POWER MODULE DIESEL 8W - 13 - 29

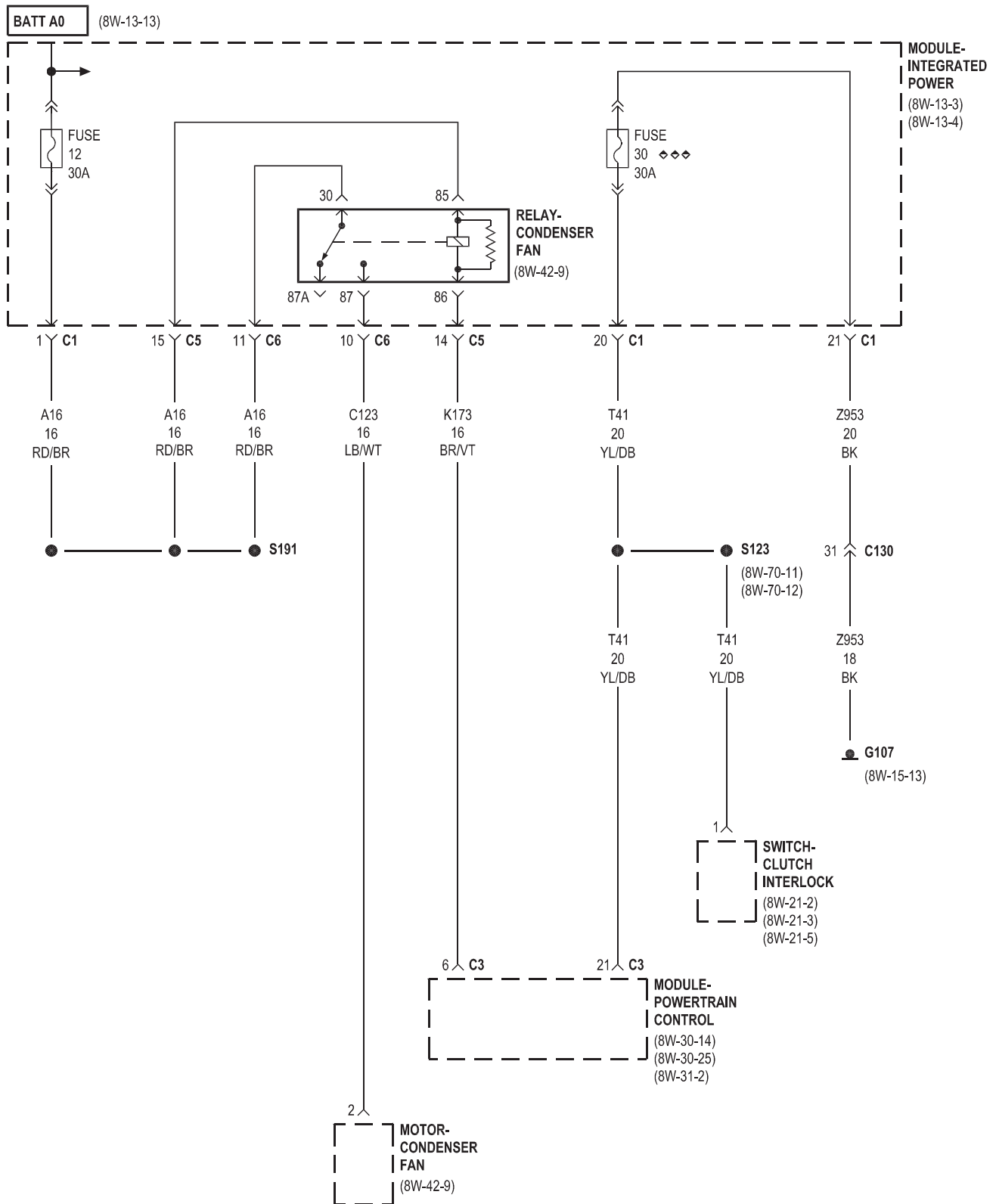






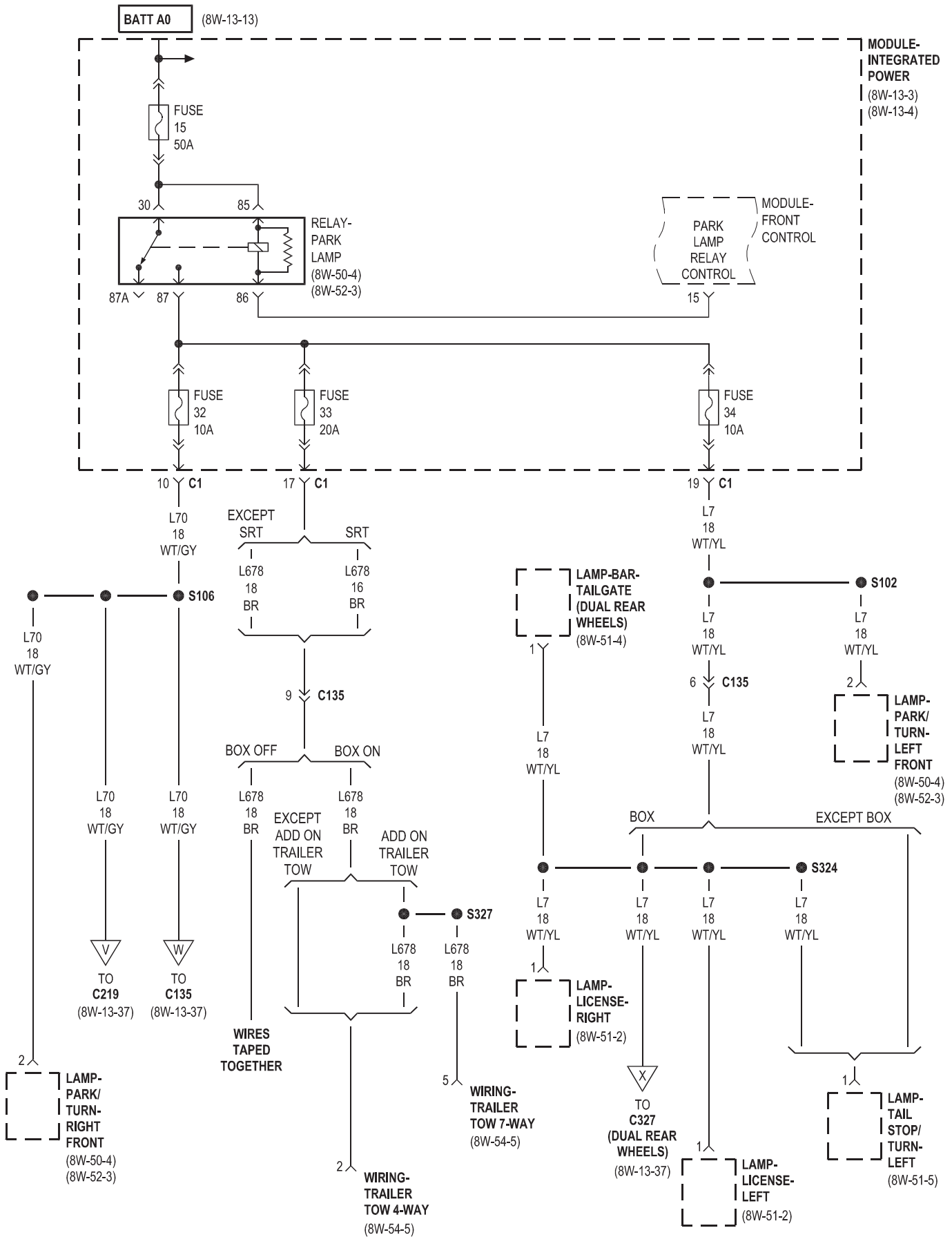


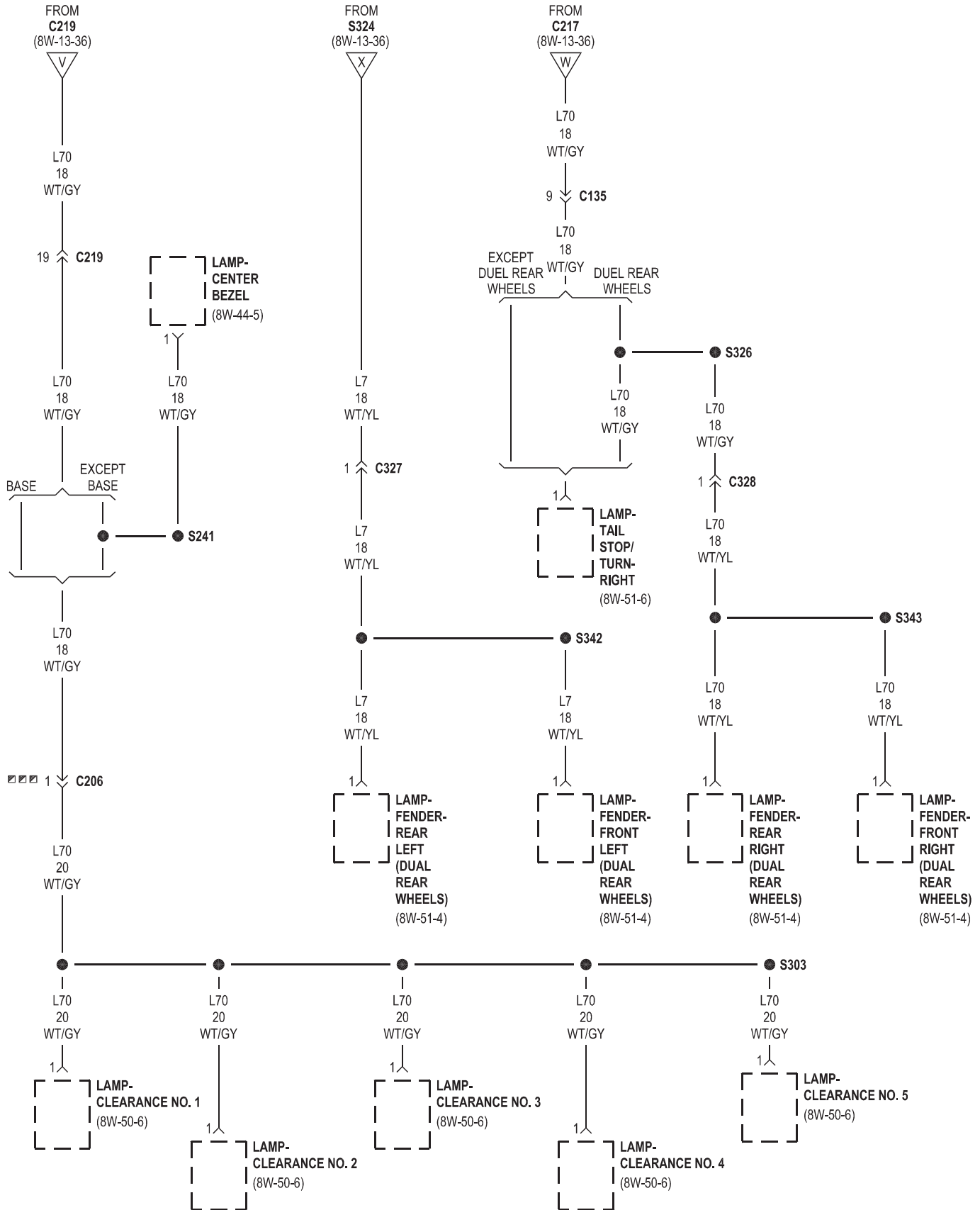




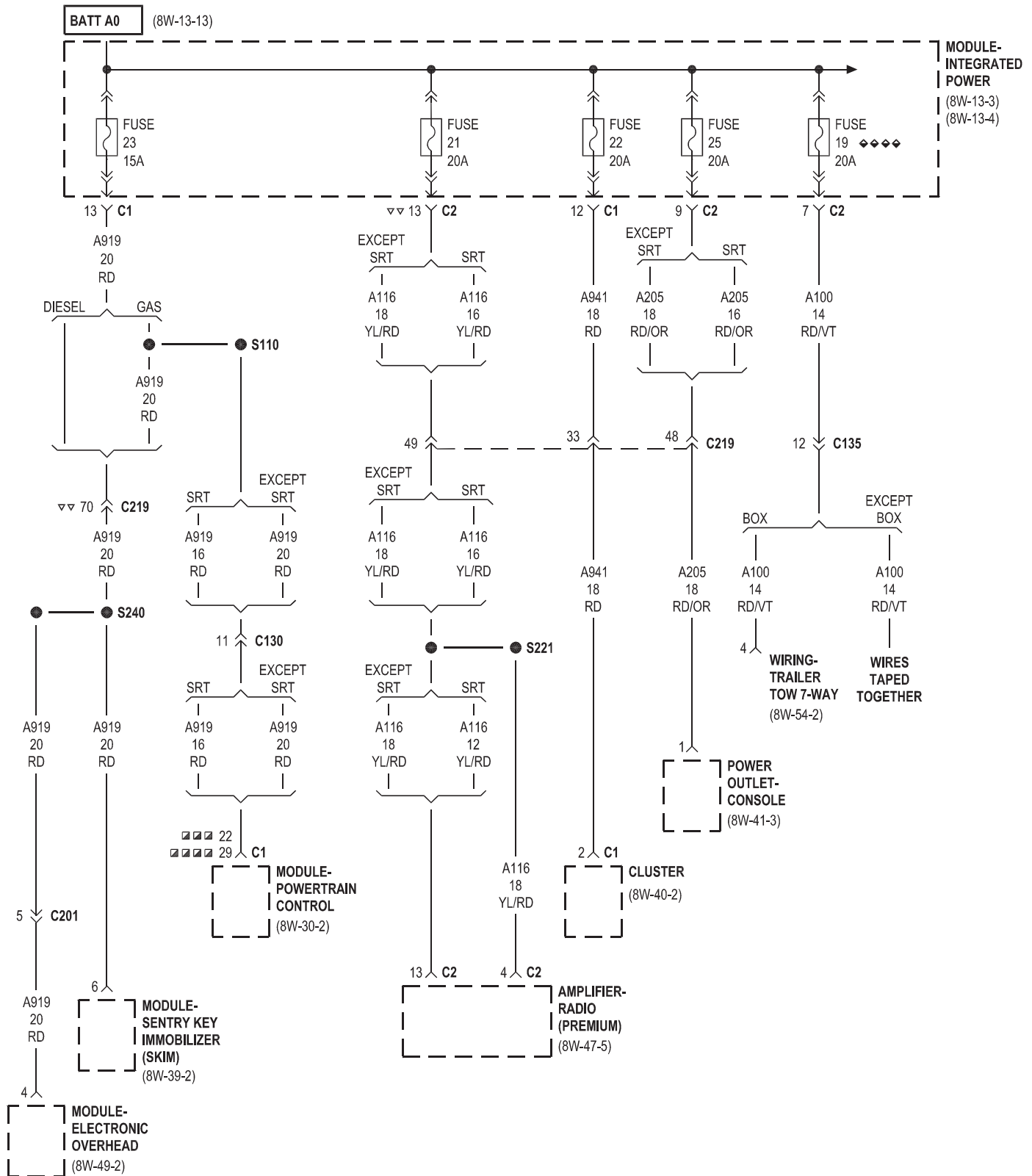
◆◆◆ OFF ROAD



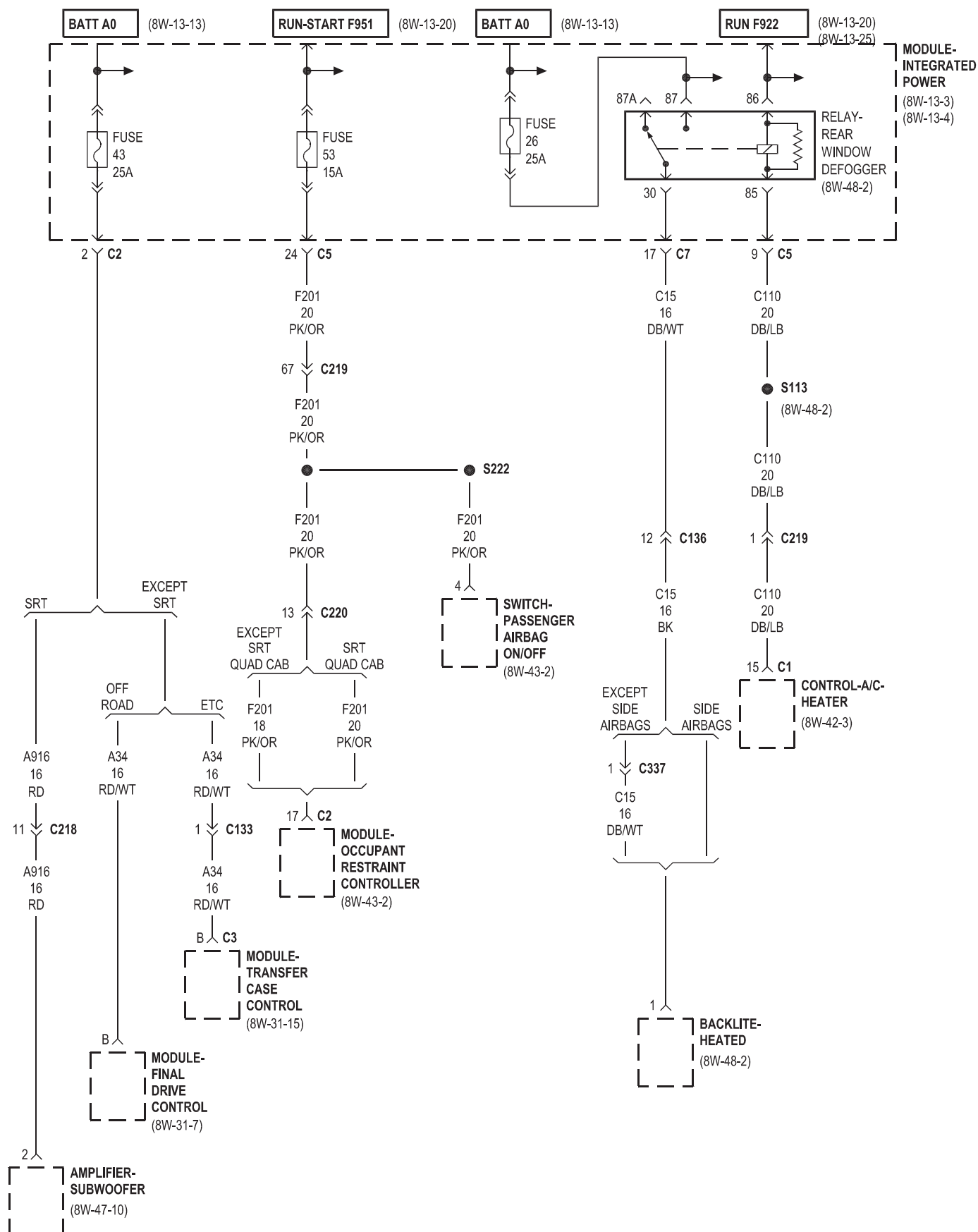


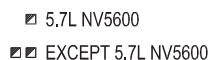


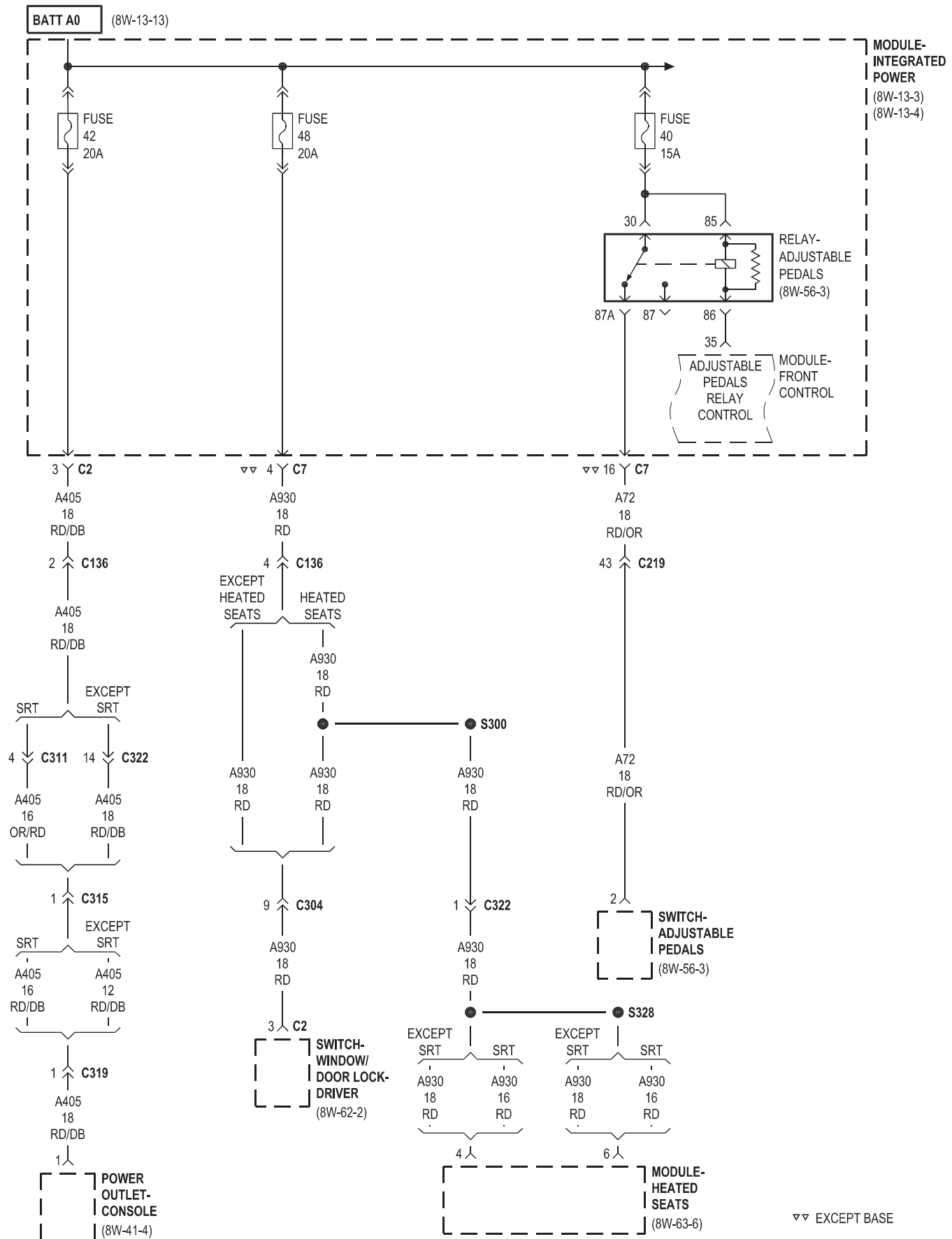


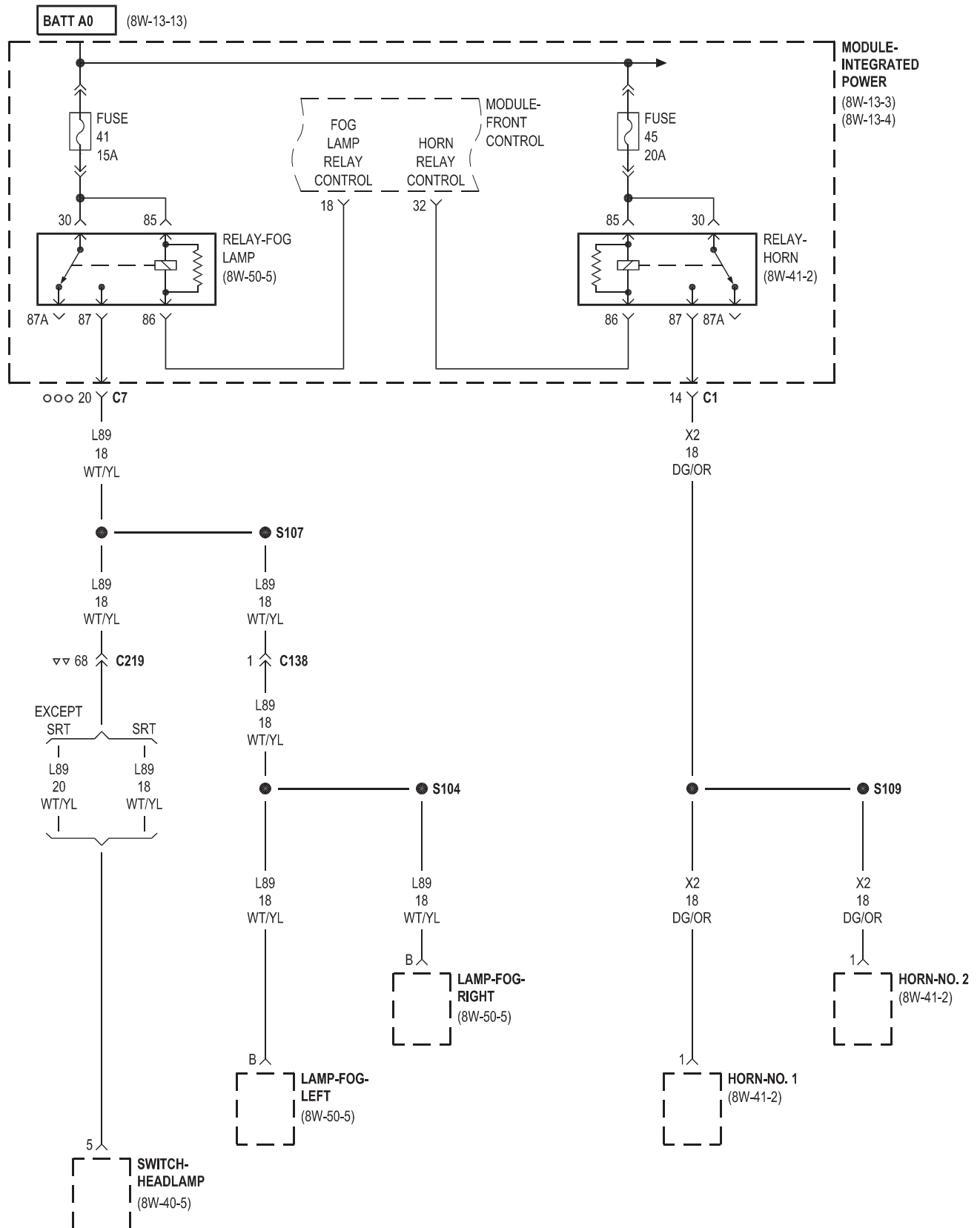


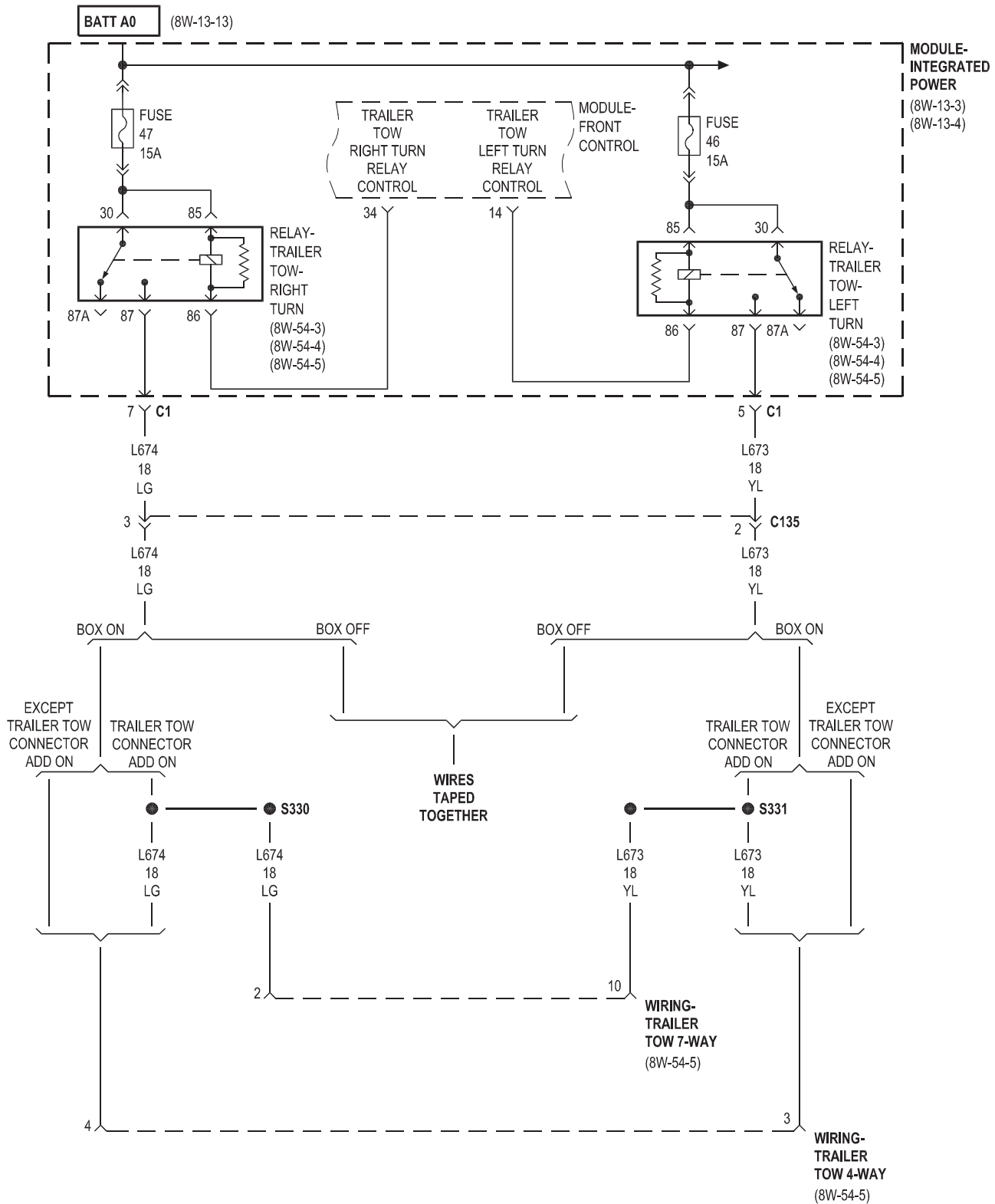
■■■ SRT
 ■■■ EXCEPT SRT
 ▽▽ EXCEPT BASE
 ◆◆◆ TRAILER TOW

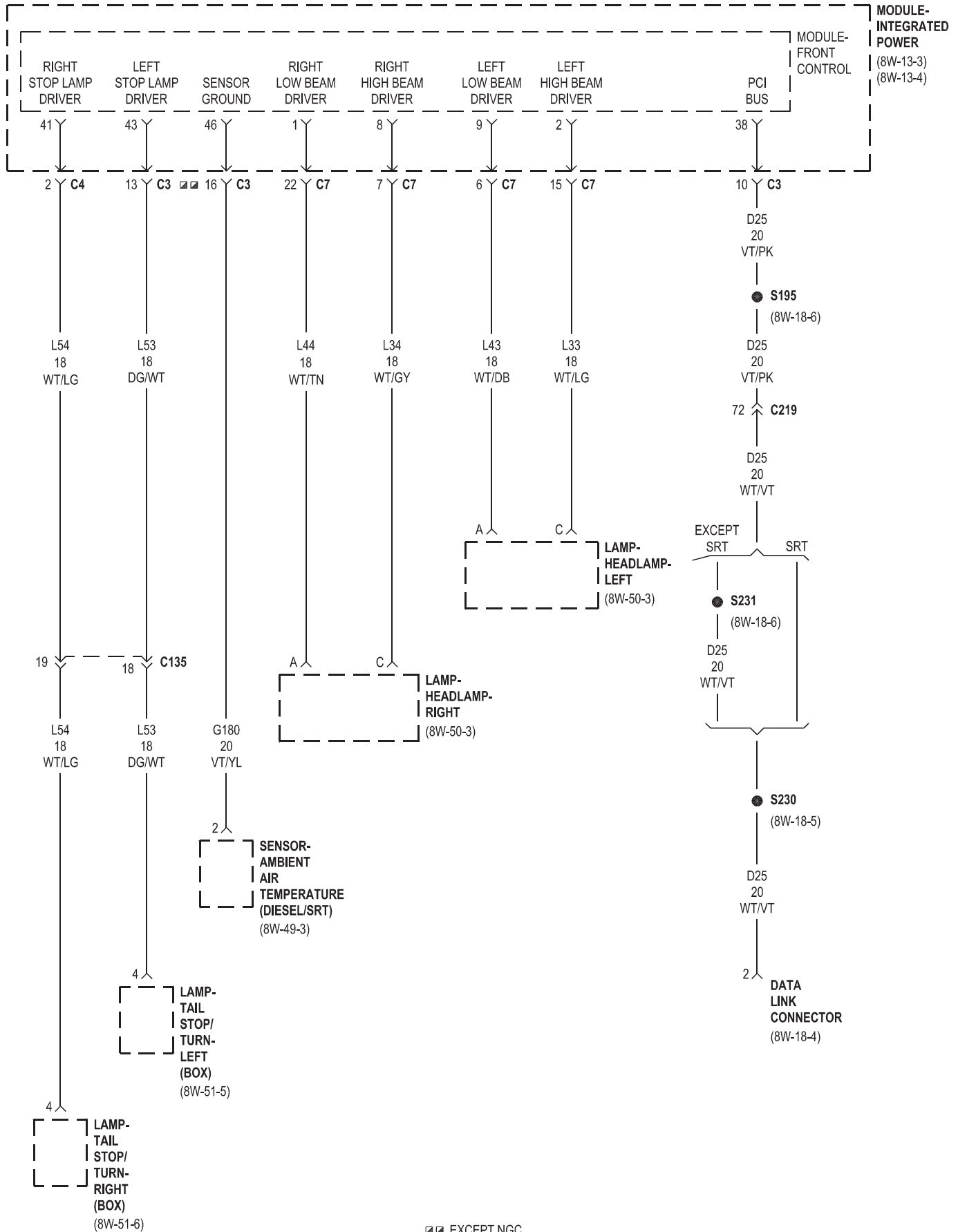


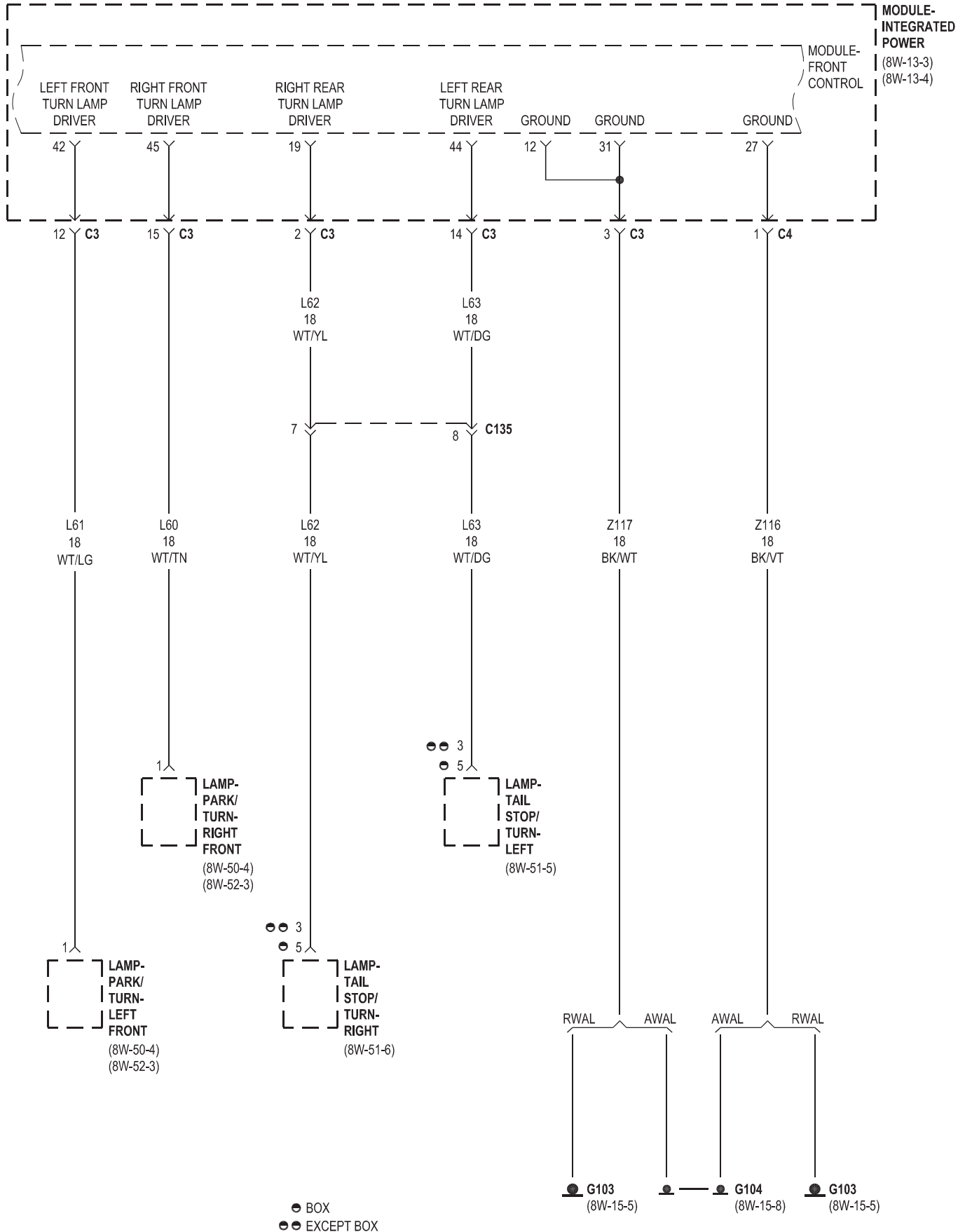




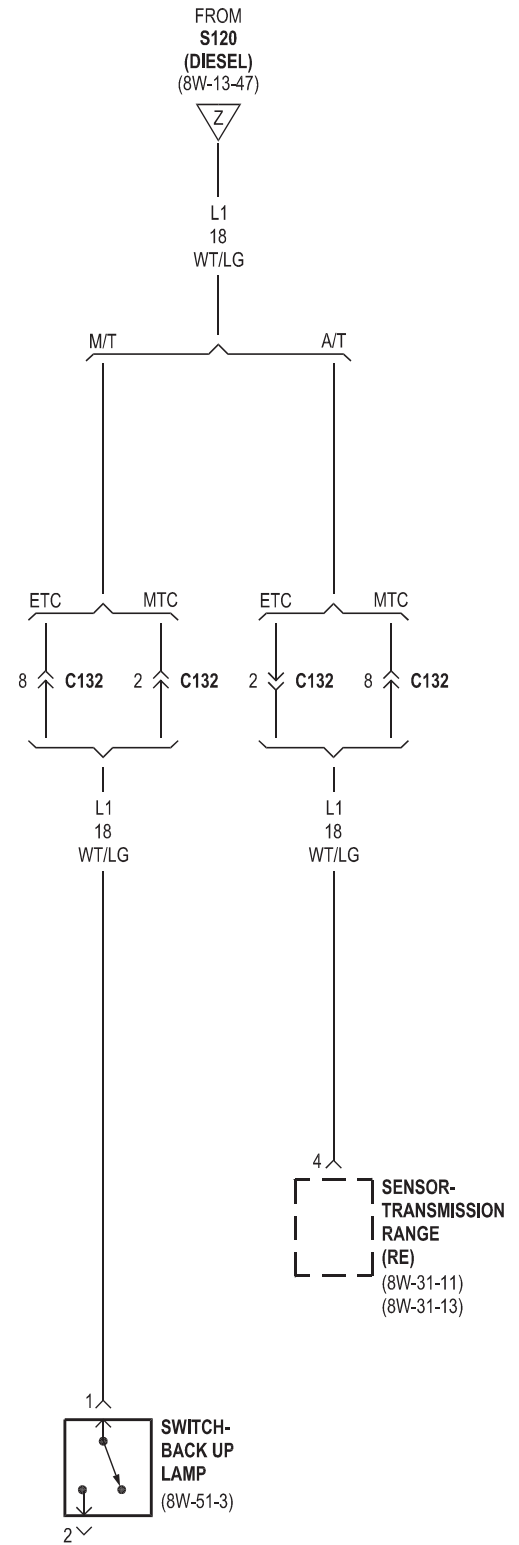
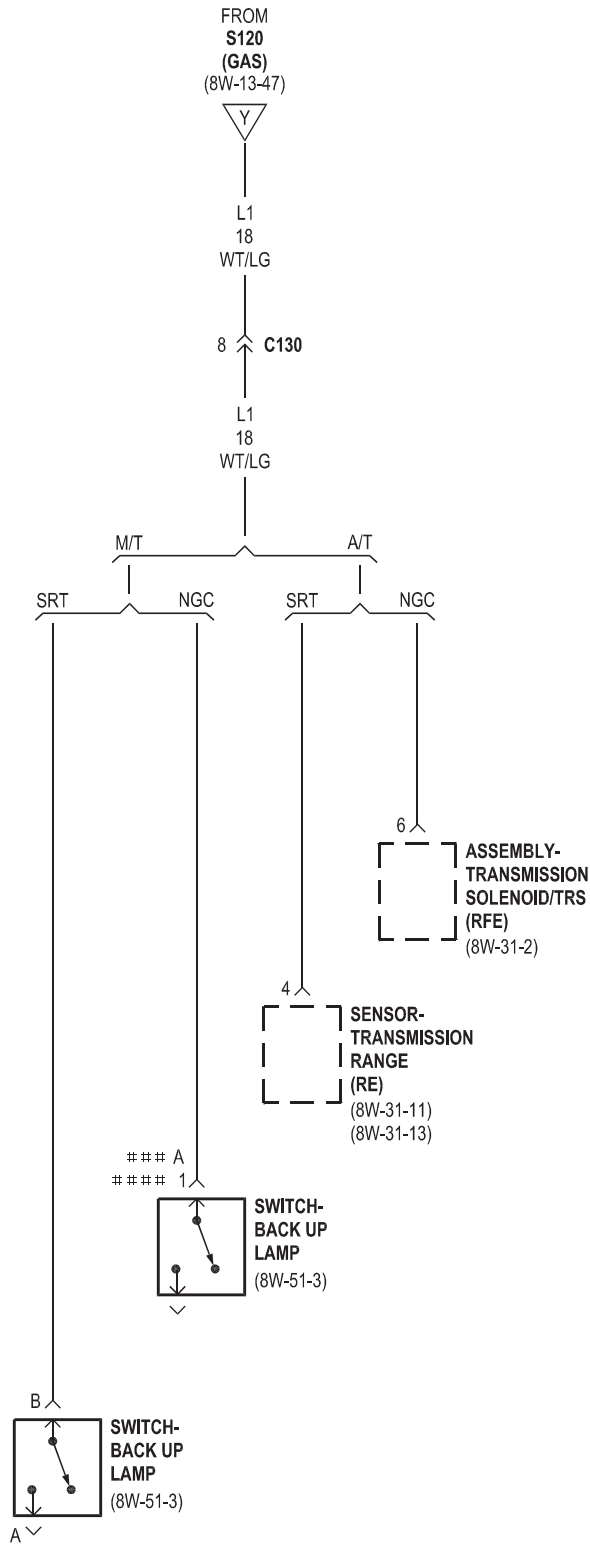








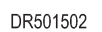


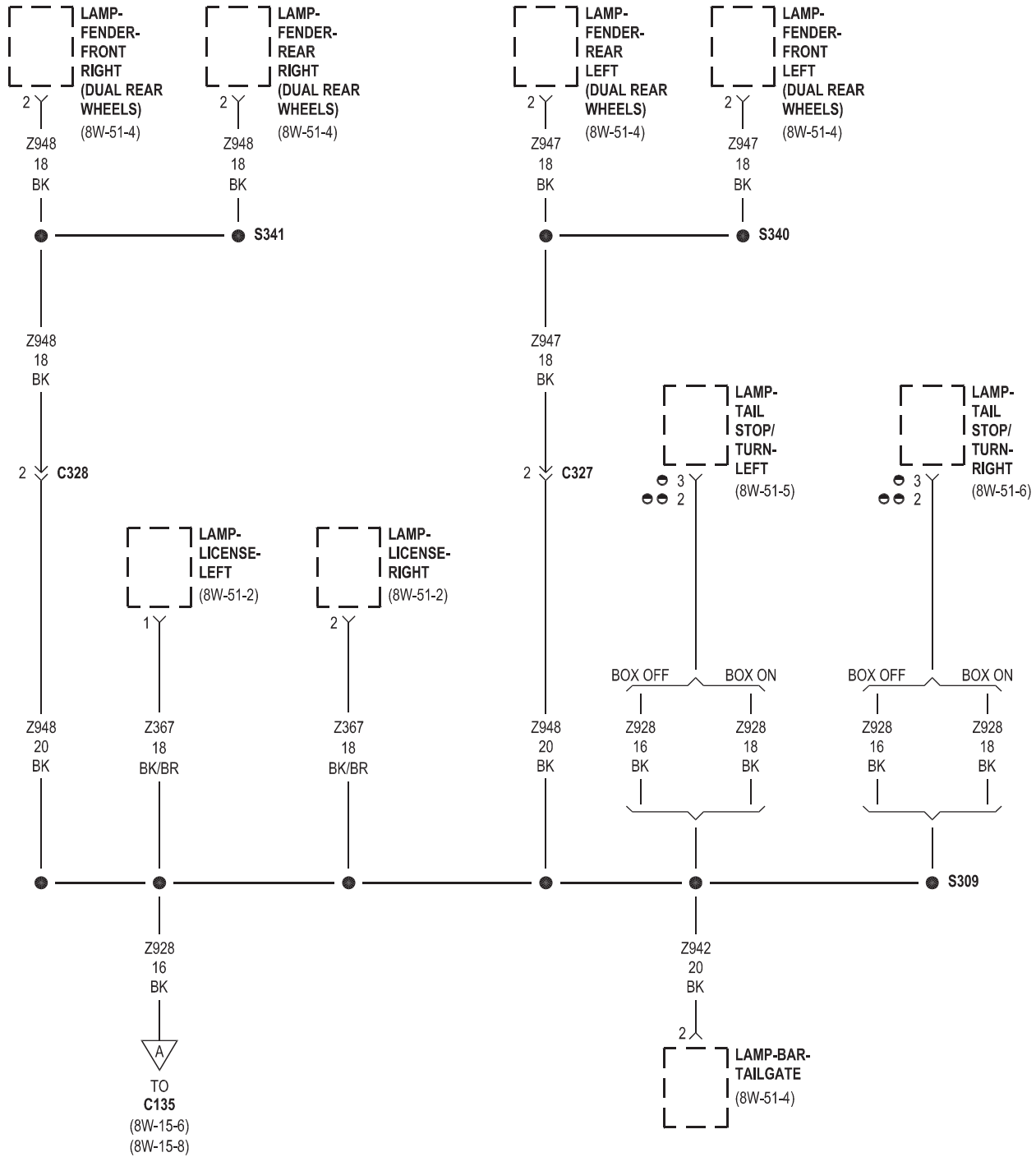


8W-15 GROUND DISTRIBUTION

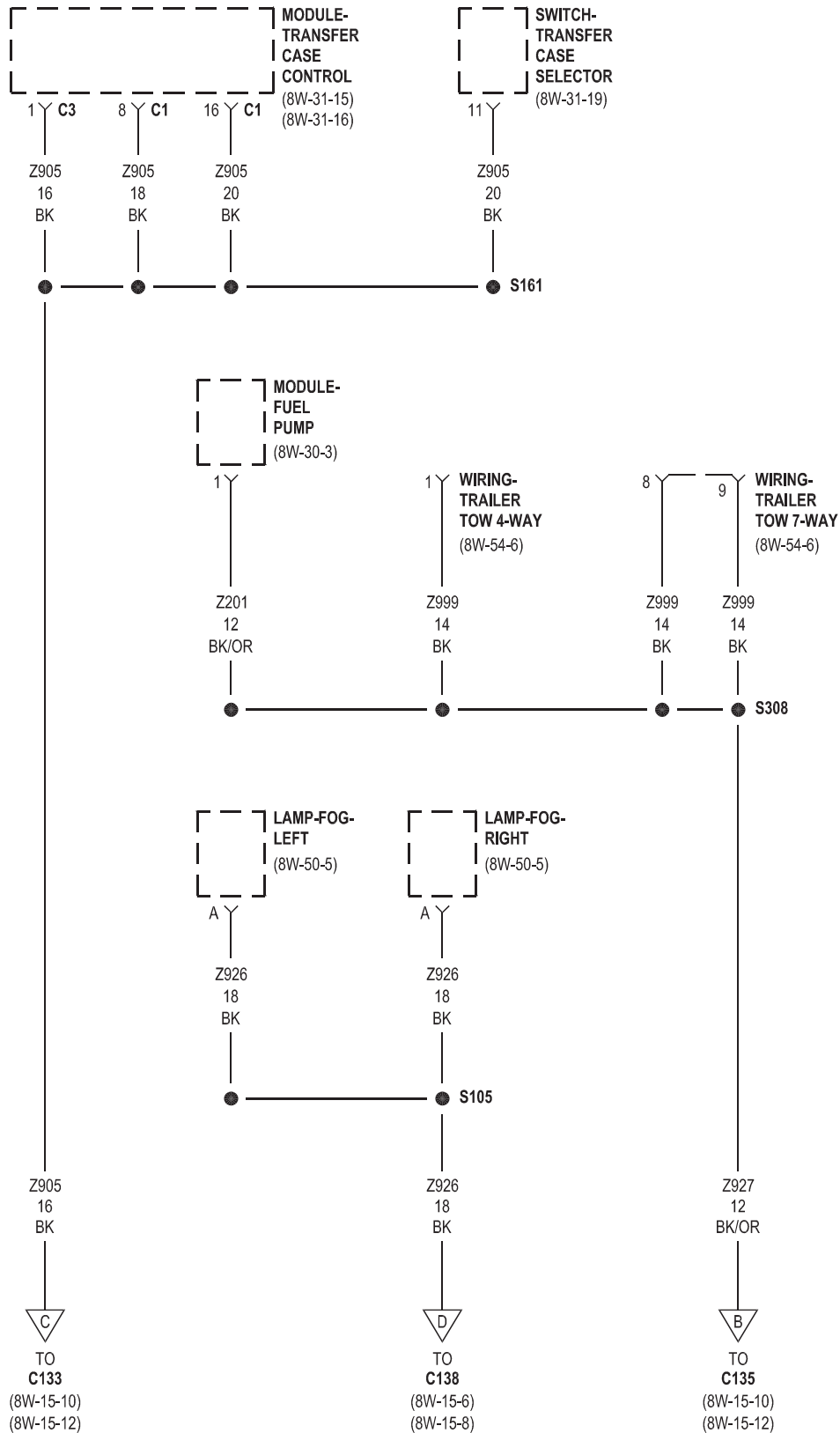
Component	Page
Amplifier-Radio	8W-15-19
Amplifier-Subwoofer	8W-15-23
Assembly-EGR Valve	8W-15-13
Assembly-Natural Vacuum Leak Detection	8W-15-14
Backlite-Heated	8W-15-25
Battery	8W-15-2
Battery-Auxiliary	8W-15-2
Clockspring	8W-15-18
Cluster	8W-15-18, 20
Clutch-A/C Compressor	8W-15-13, 15, 16
Control-A/C-Heater	8W-15-17, 21
Data Link Connector	8W-15-17
Data Link Connector-Engine	8W-15-16
G100	8W-15-2
G101	8W-15-2
G102	8W-15-2
G103	8W-15-5, 6
G104	8W-15-7, 8, 9, 10
G105	8W-15-2
G106	8W-15-11, 12
G107	8W-15-13, 14
G108	8W-15-2
G109	8W-15-2
G110	8W-15-15
G113	8W-15-15
G114	8W-15-16
G120	8W-15-16
G121	8W-15-16
G201	8W-15-17, 18
G202	8W-15-19
G203	8W-15-20, 21
G204	8W-15-22
G302	8W-15-23
G303	8W-15-25
Gauge-Engine Oil Temperature	8W-15-17
Generator	8W-15-14, 16
Heater-Fuel	8W-15-16
Heater-Seat Cushion-Driver	8W-15-23
Heater-Seat Cushion-Passenger	8W-15-22
Horn-No. 1	8W-15-10, 12
Horn-No. 2	8W-15-10, 12
Lamp-Bar-Tailgate	8W-15-3
Lamp-Center Bezel	8W-15-21
Lamp-Clearance No. 1	8W-15-21
Lamp-Clearance No. 2	8W-15-21
Lamp-Clearance No. 3	8W-15-21
Lamp-Clearance No. 4	8W-15-21
Lamp-Clearance No. 5	8W-15-21
Lamp-Dome-Rear	8W-15-20
Lamp-Fender-Front Left	8W-15-3
Lamp-Fender-Front Right	8W-15-3
Lamp-Fender-Rear Left	8W-15-3
Lamp-Fender-Rear Right	8W-15-3
Lamp-Fog-Left	8W-15-4
Lamp-Fog-Right	8W-15-4
Lamp-Glove Box	8W-15-21
Lamp-Headlamp-Left	8W-15-6, 8
Lamp-Headlamp-Right	8W-15-2
Lamp-High Mounted Stop	8W-15-20
Lamp-License-Left	8W-15-3
Lamp-License-Right	8W-15-3
Lamp-Park/Turn-Left Front	8W-15-6, 9
Lamp-Park/Turn-Right Front	8W-15-2
Lamp-Reading-Front	8W-15-20
Lamp-Tail Stop/Turn-Left	8W-15-3
Lamp-Tail Stop/Turn-Right	8W-15-3
Lamp-Underhood	8W-15-10, 12
Lamp-Vanity-Left	8W-15-20
Lamp-Vanity-Right	8W-15-20
Latch-Door-Driver	8W-15-24
Latch-Door-Left Rear	8W-15-25

Component	Page
Latch-Door-Passenger	8W-15-24
Latch-Door-Right Rear	8W-15-25
Mirror-Inside Rearview	8W-15-17
Mirror-Outside Rearview-Driver	8W-15-23
Mirror-Outside Rearview-Passenger	8W-15-23
Module-Anti-Lock Brakes	8W-15-11
Module-Brake Provision	8W-15-10, 12
Module-Electronic Overhead	8W-15-17
Module-Engine Control	8W-15-16
Module-Final Drive Control	8W-15-9, 11
Module-Front Control	8W-15-5, 8
Module-Fuel Pump	8W-15-4
Module-Hands Free	8W-15-19
Module-Heated Seats	8W-15-25
Module-Integrated Power	8W-15-5, 7, 8, 10, 12
Module-Occupant Restraint Controller	8W-15-22
Module-Powertrain Control	8W-15-13, 15
Module-Sentry Key Immobilizer	8W-15-18
Module-Transfer Case Control	8W-15-4
Motor-Condenser Fan	8W-15-10, 12
Motor-Sunroof	8W-15-20
Motor-Windshield Wiper	8W-15-10, 12
Power Outlet-Console	8W-15-21
Power Outlet-Instrument Panel	8W-15-21
Power Outlet-Rear	8W-15-23
Pump-Washer-Windshield	8W-15-2, 11
Radio	8W-15-19
Relay-Blower Motor	8W-15-7
Relay-Fuel Heater	8W-15-7
Relay-Fuel Pump	8W-15-7
Relay-Ignition Run-Acc	8W-15-7
Relay-Intake Air Heater No. 1	8W-15-2
Relay-Intake Air Heater No. 2	8W-15-2
Relay-Run	8W-15-7
Relay-Transmission Control	8W-15-5, 7
Relay-Wiper On/Off	8W-15-10, 12
Sensor-Brake Fluid Level	8W-15-5, 9
Sensor-Engine Oil Temperature	8W-15-15
Sensor-Oxygen-Left Front	8W-15-14
Sensor-Oxygen-Left Rear	8W-15-14, 15
Sensor-Oxygen-Right Front	8W-15-14
Sensor-Oxygen-Right Rear	8W-15-14, 15
Sensor-Transfer Case Position	8W-15-9, 13
Sensor-Washer Fluid Level	8W-15-2, 9
Servo-Speed Control	8W-15-6, 8
Solenoid-Brake Transmission Shift Interlock	8W-15-20
Solenoid-Radiator Fan	8W-15-7
Switch-Adjustable Pedals	8W-15-21
Switch-Axle Lock	8W-15-11
Switch-Clutch Interlock	8W-15-6, 7, 8
Switch-Cylinder Lock-Driver	8W-15-24
Switch-Disconnecting Stabilizer Bar	8W-15-11
Switch-Door Lock-Passenger	8W-15-24
Switch-Headlamp	8W-15-20
Switch-Heated Seat-Driver	8W-15-21
Switch-Heated Seat-Passenger	8W-15-21
Switch-Ignition	8W-15-18
Switch-Power Steering Pressure	8W-15-13
Switch-Remote Radio-Left	8W-15-18
Switch-Remote Radio-Right	8W-15-18
Switch-Seat Belt-Driver	8W-15-25
Switch-Seat-Driver	8W-15-23
Switch-Seat-Passenger	8W-15-22
Switch-Stop Lamp	8W-15-9, 17
Switch-Tow/Haul Overdrive	8W-15-17
Switch-Transfer Case Selector	8W-15-4
Switch-Window/Door Lock-Driver	8W-15-23
Wiring-Trailer Tow 4-Way	8W-15-4
Wiring-Trailer Tow 7-Way	8W-15-4

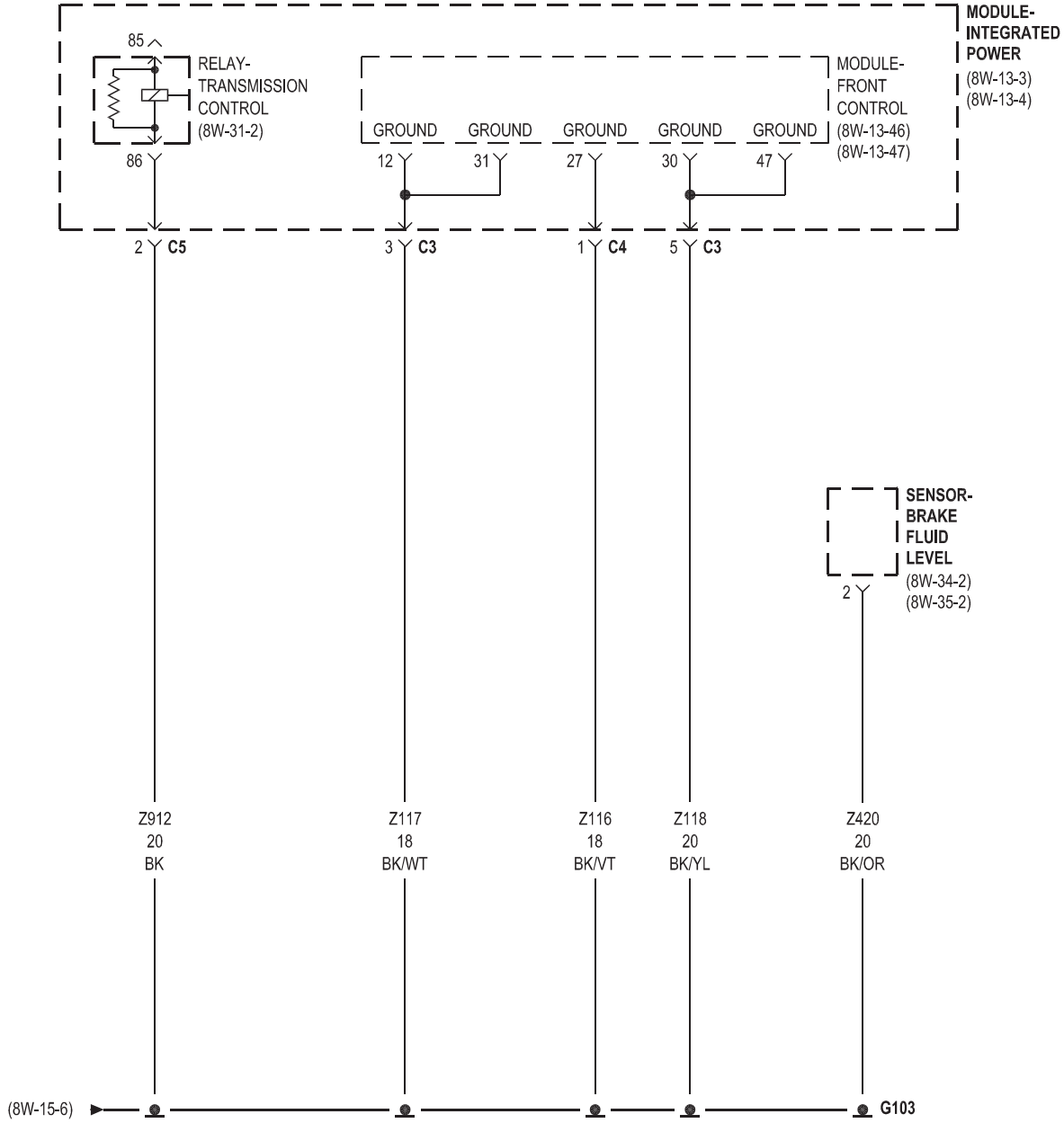


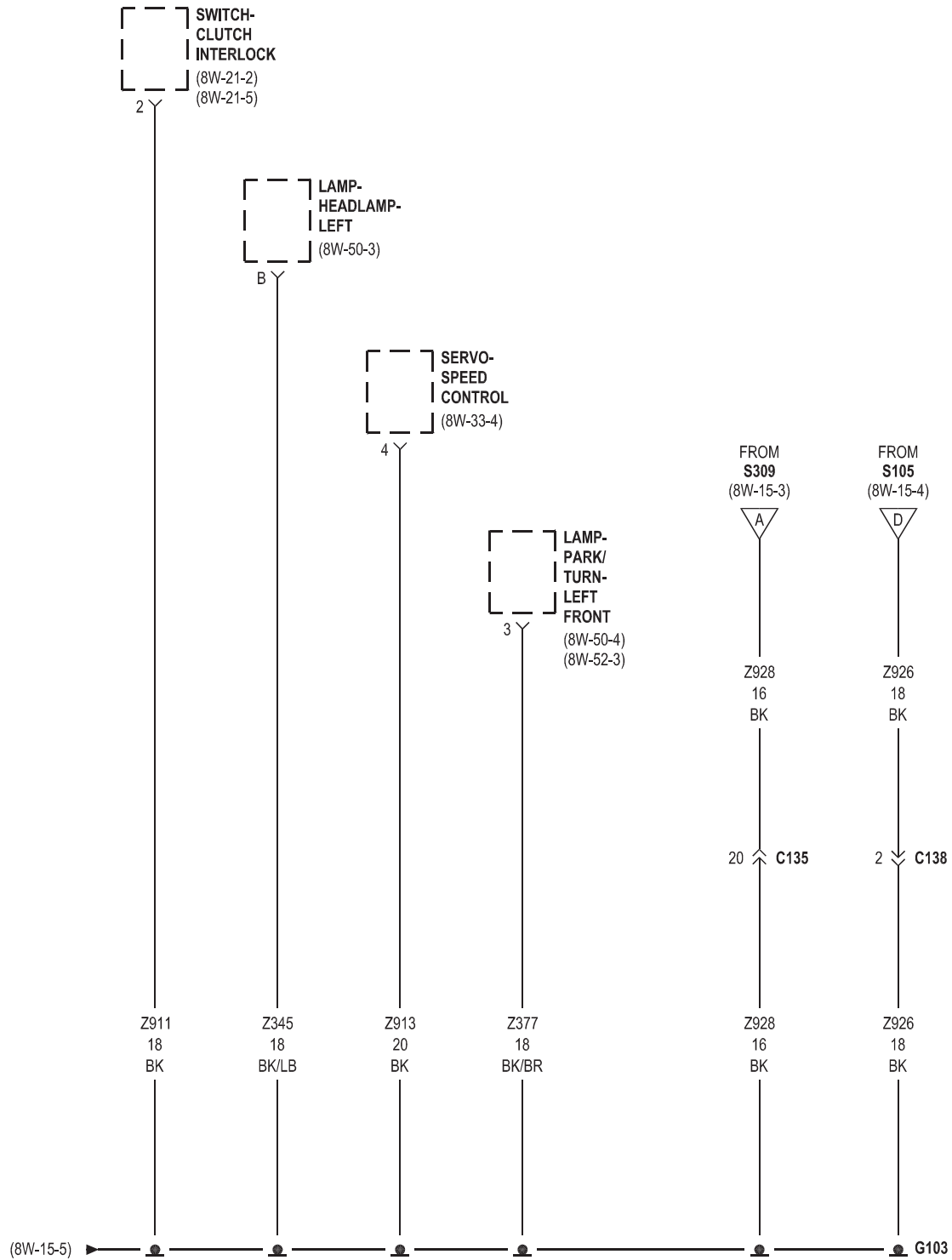


● BOX
●● EXCEPT BOX

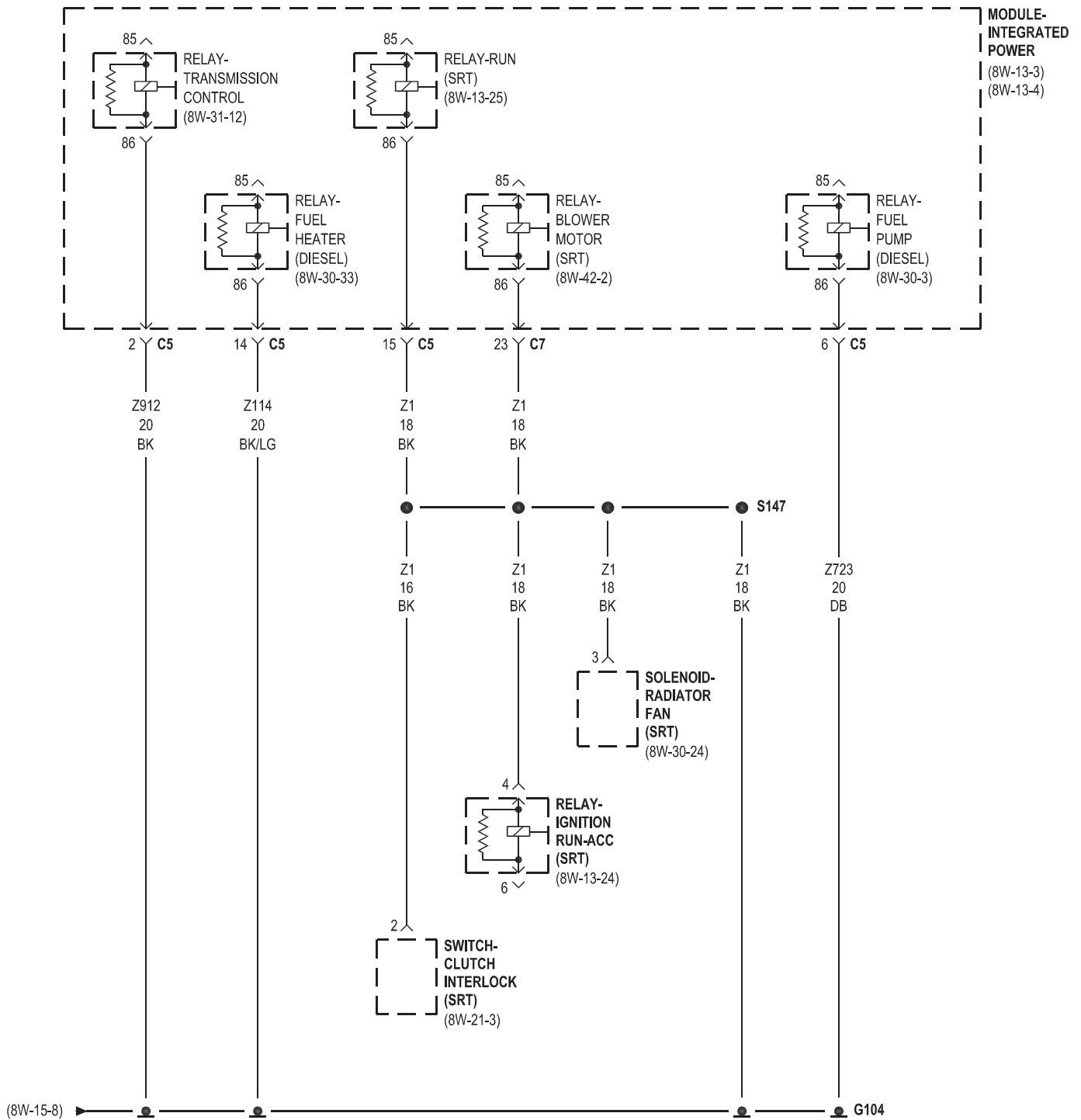


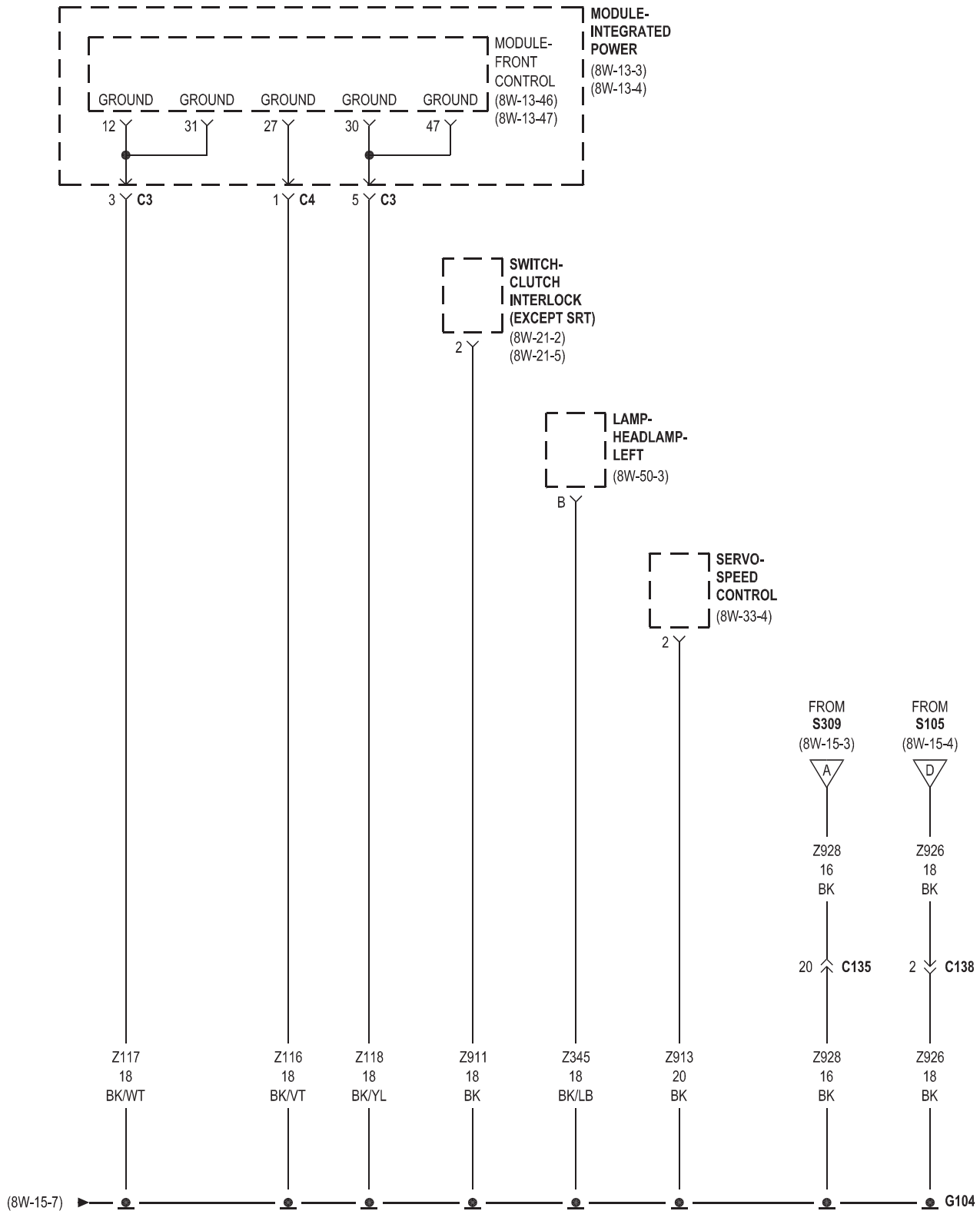
DR **8W-15 GROUND DISTRIBUTION** **8W - 15 - 5**
RWAL



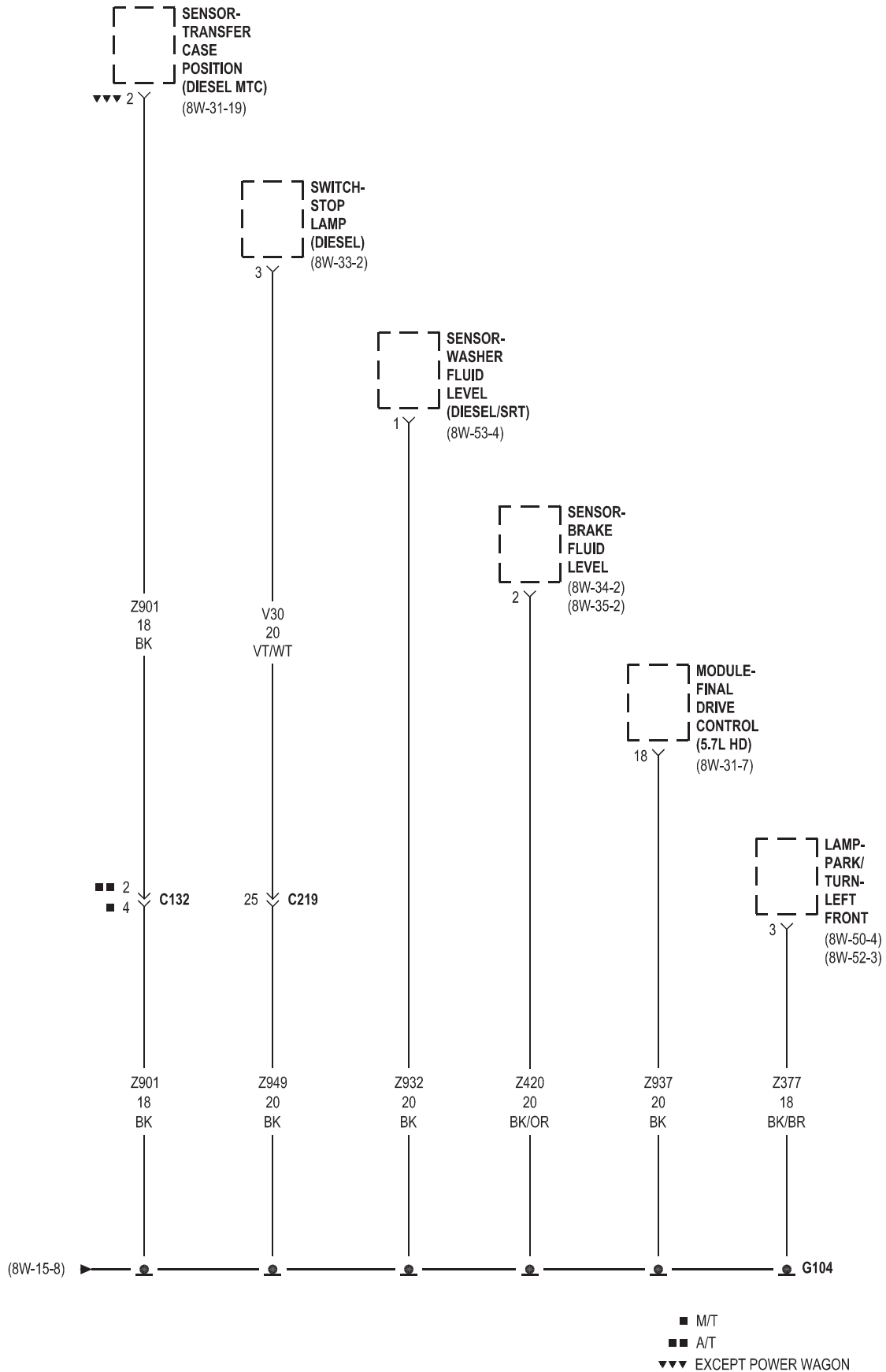


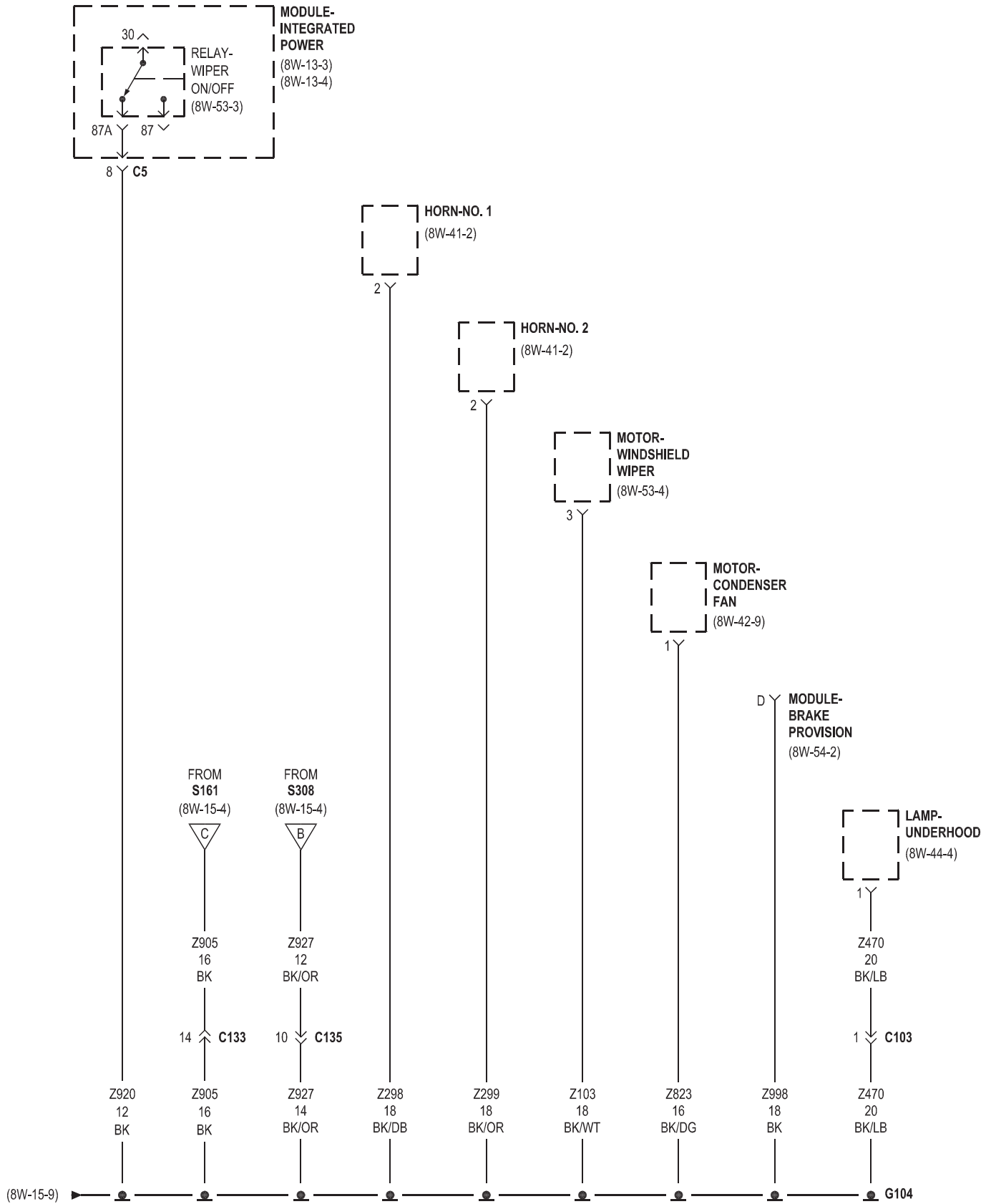
DR 8W-15 GROUND DISTRIBUTION AWAL 8W - 15 - 7

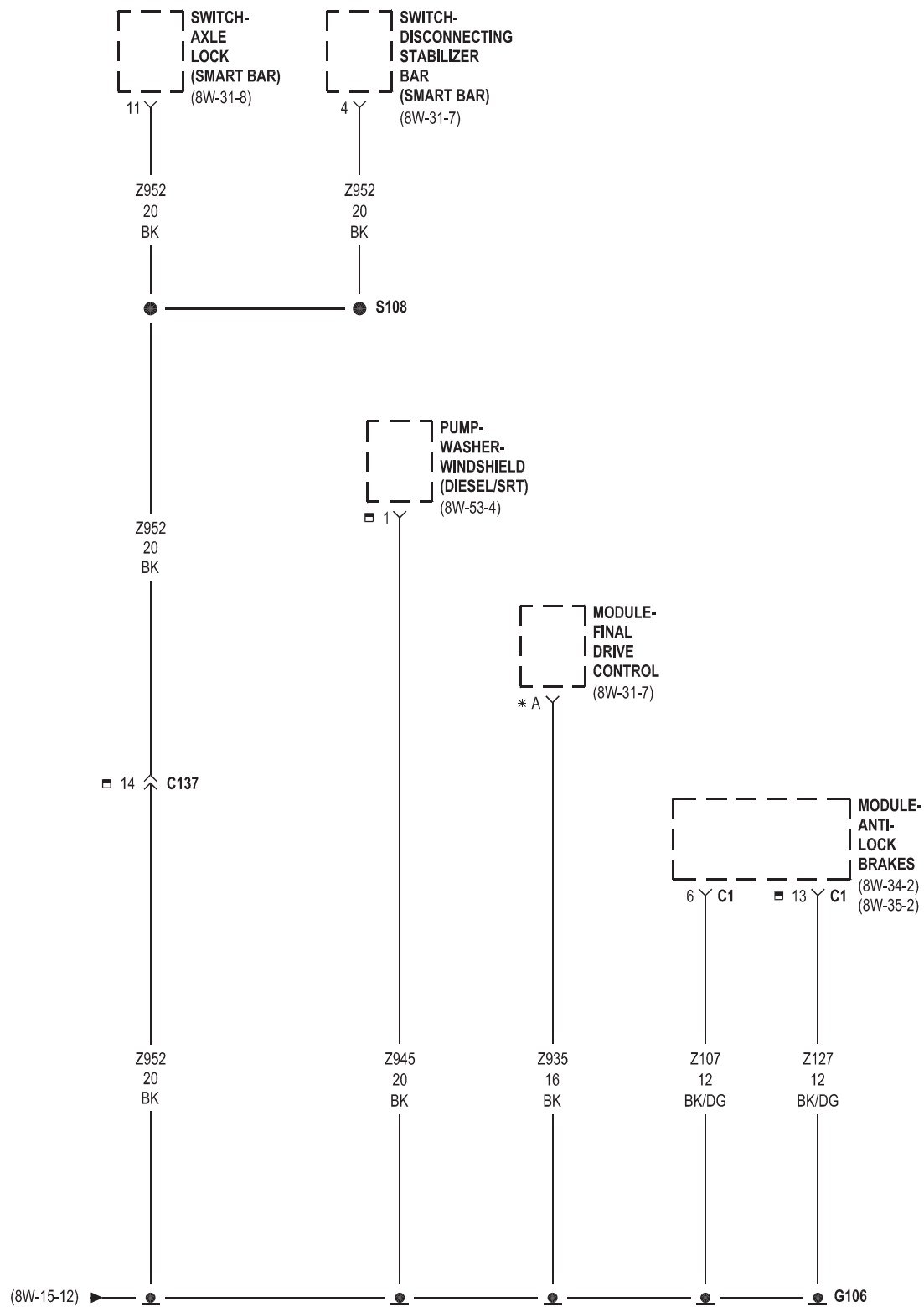




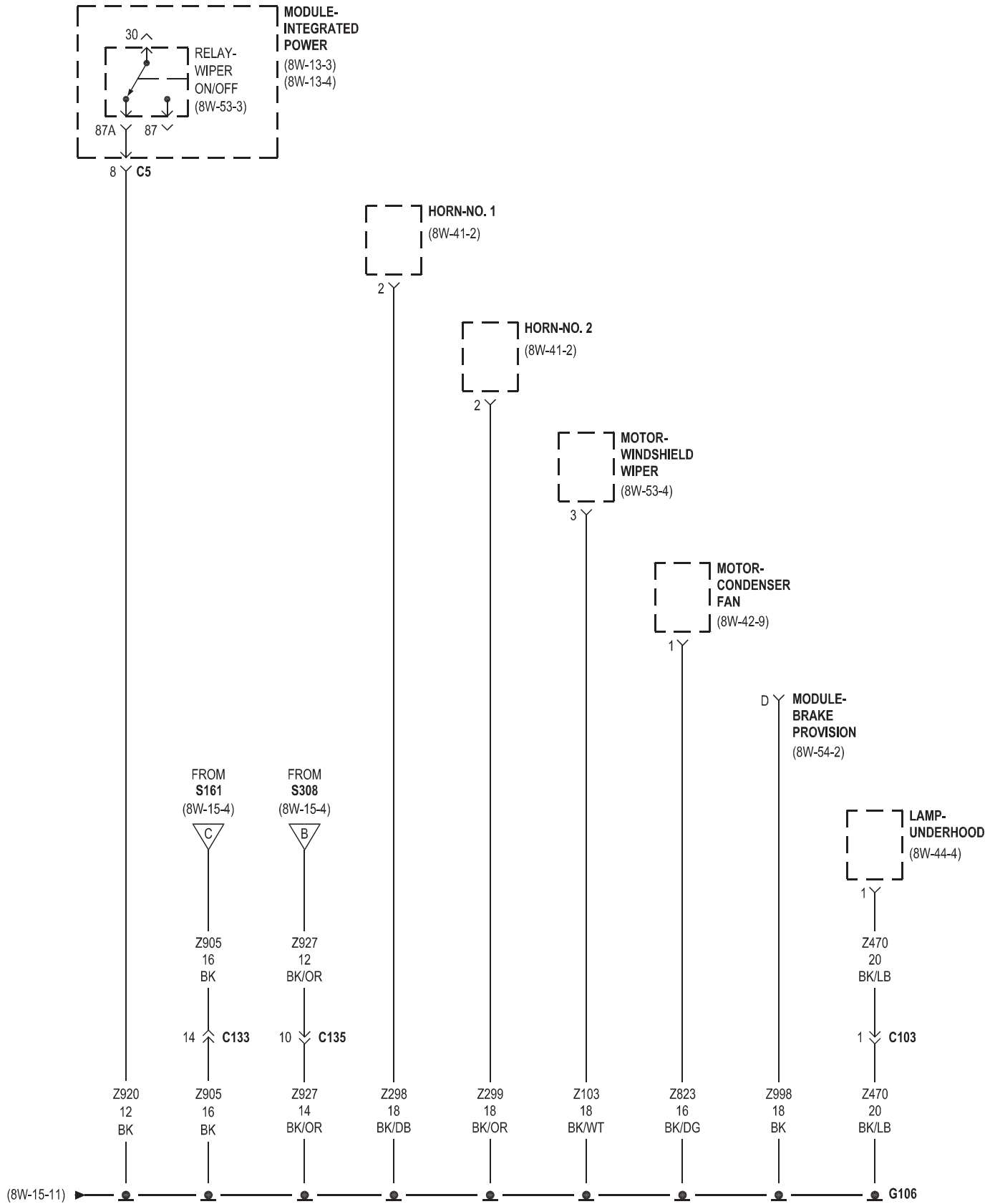
DR 8W-15 GROUND DISTRIBUTION AWAL 8W - 15 - 9



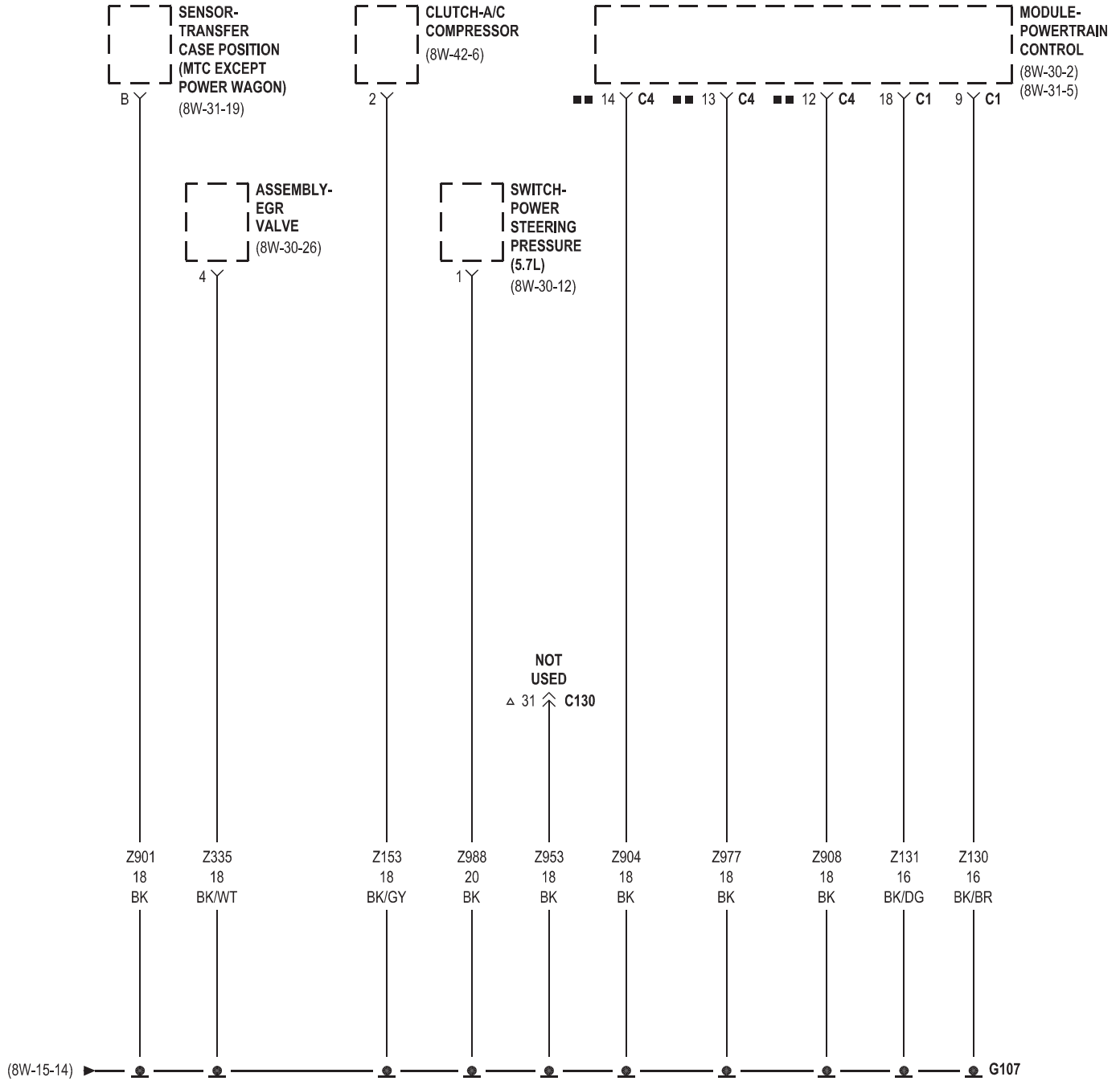


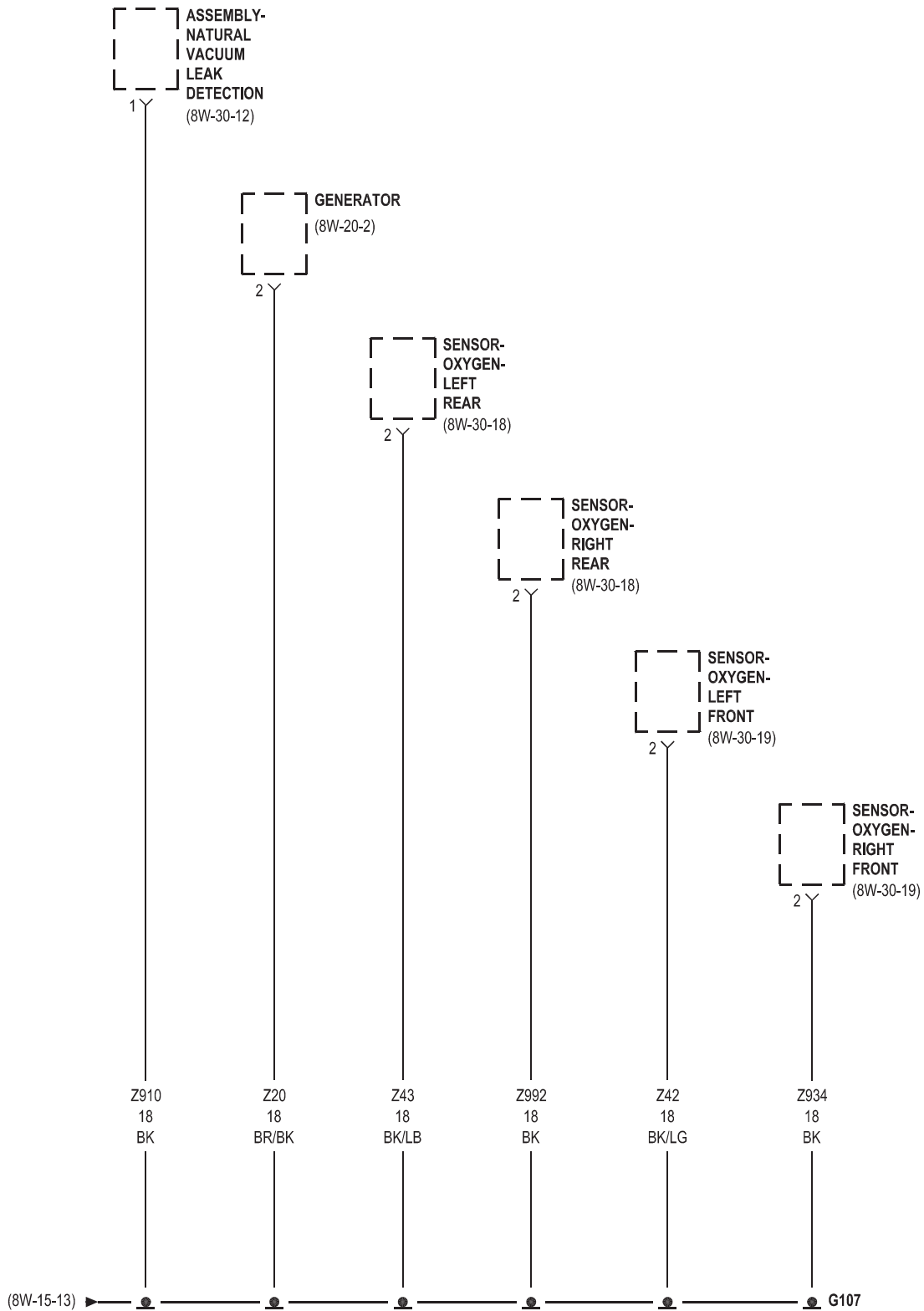


* 5.7L AWAL ETC

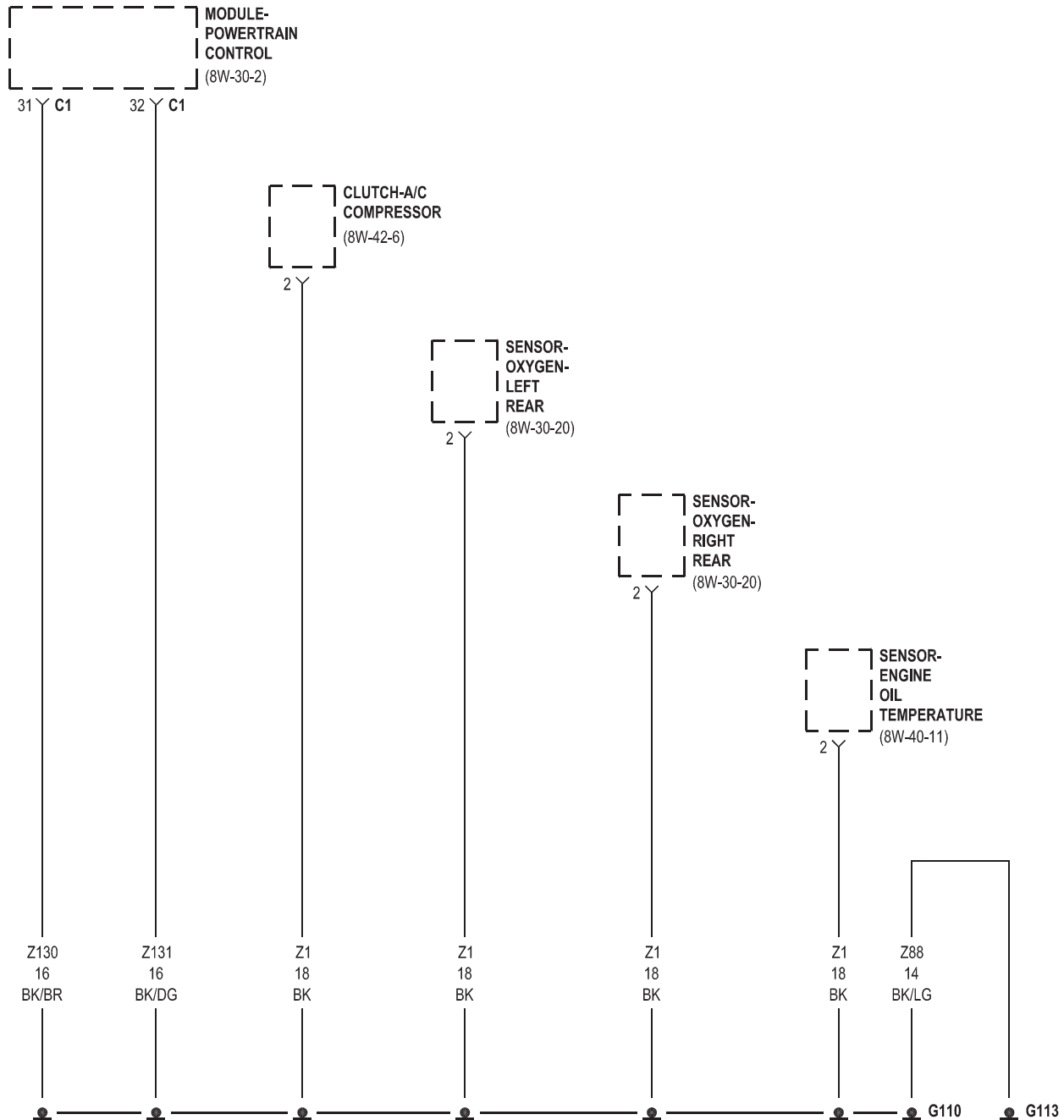


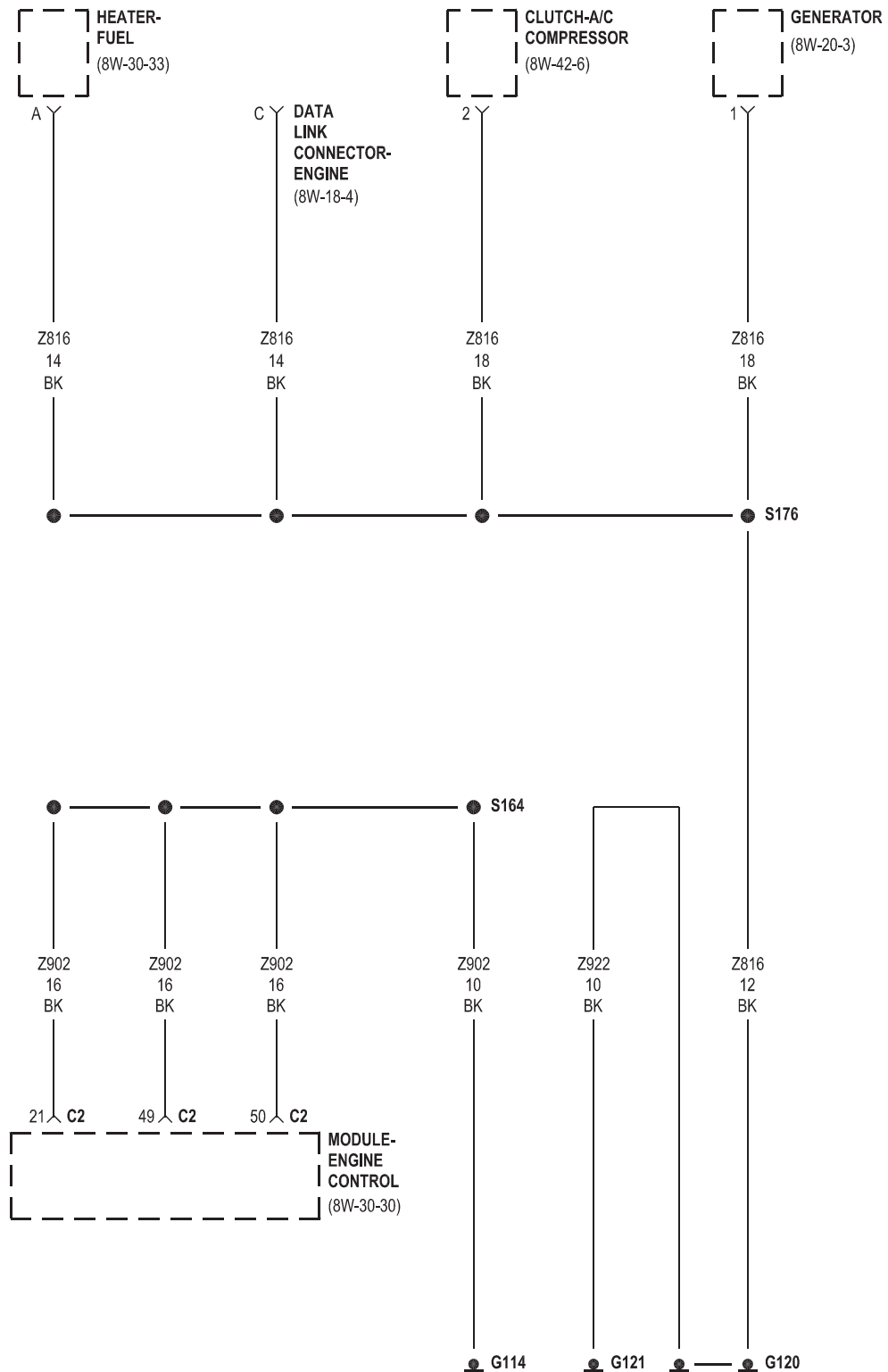
DR 8W-15 GROUND DISTRIBUTION NGC 8W - 15 - 13

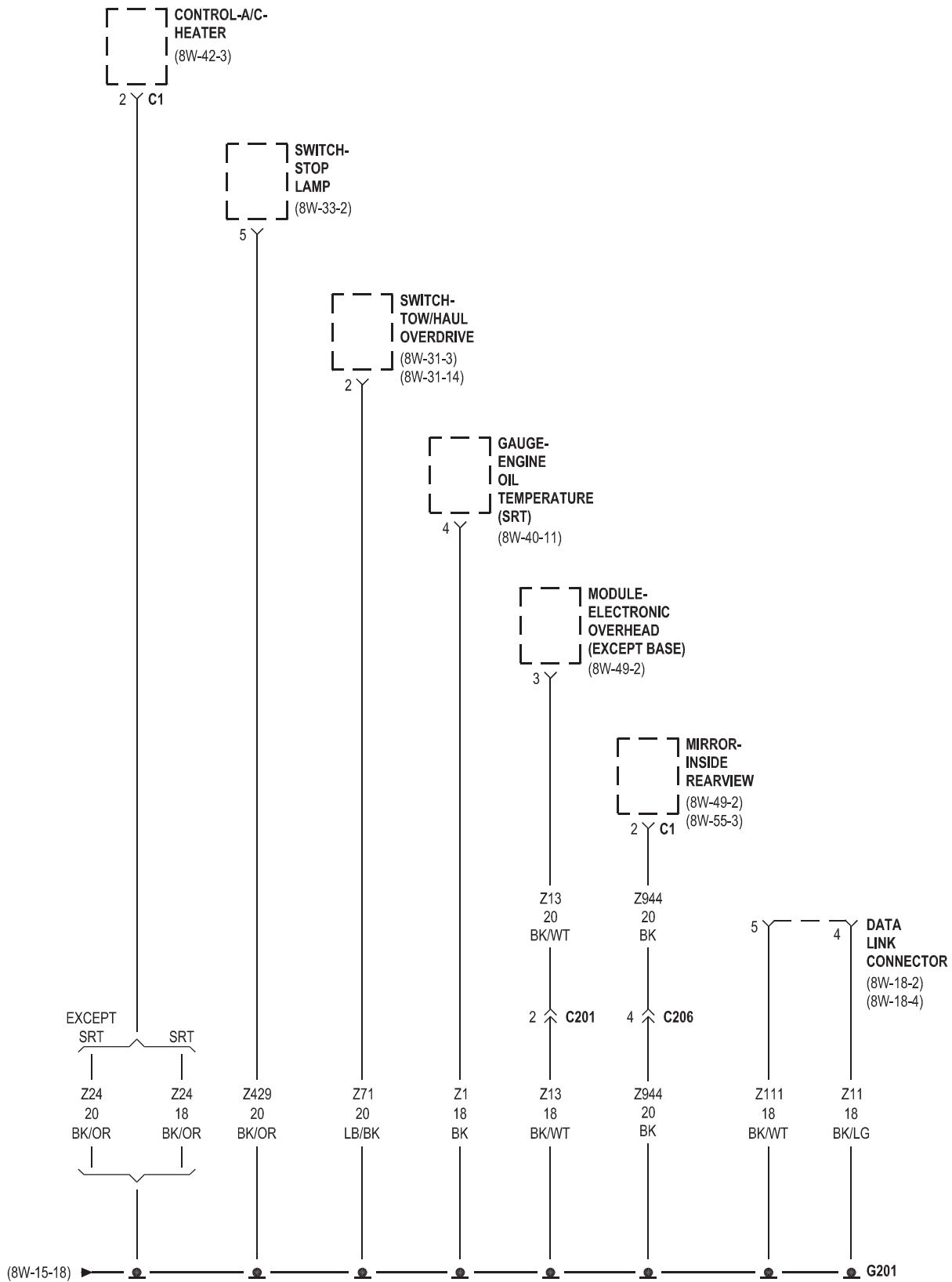


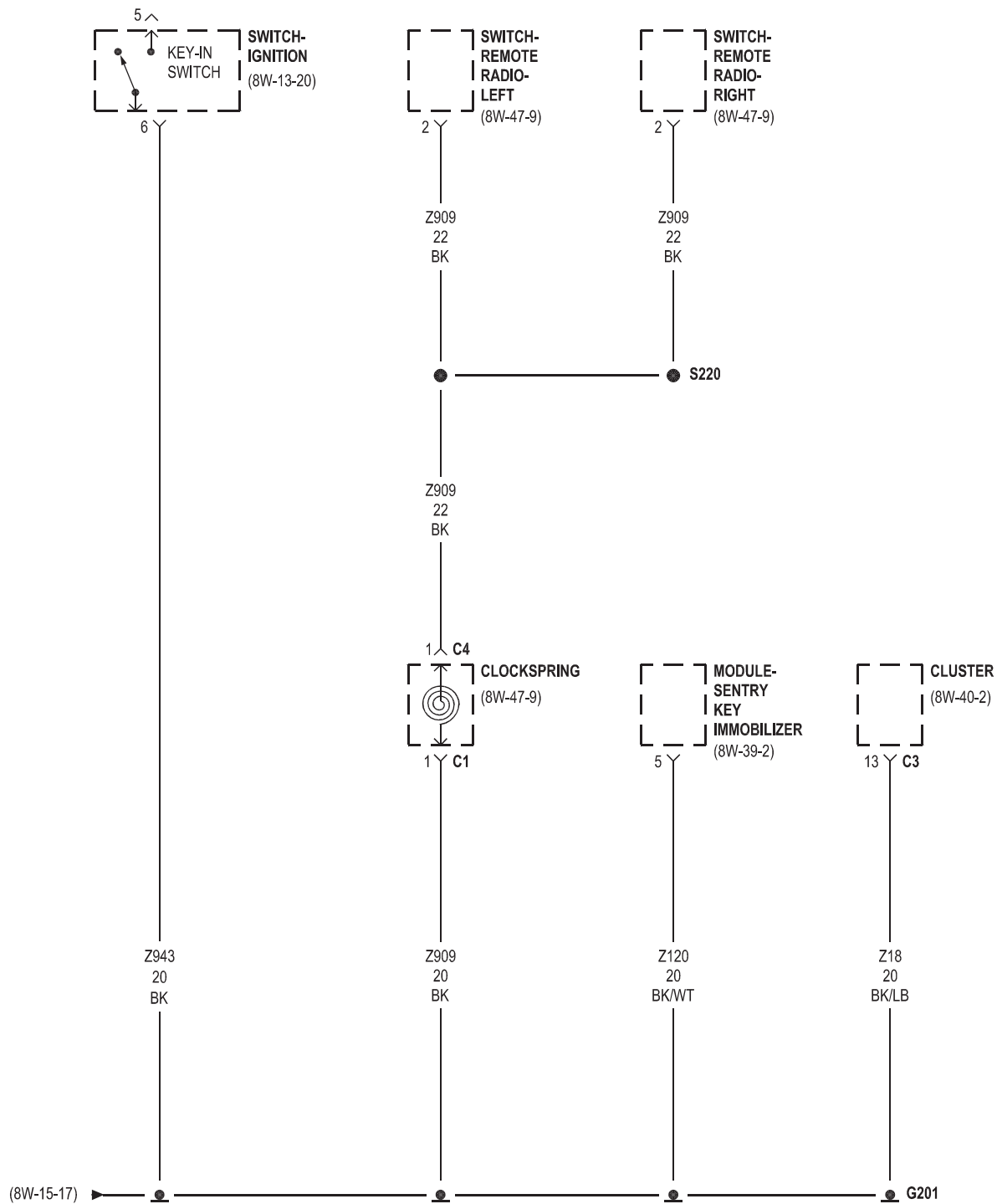


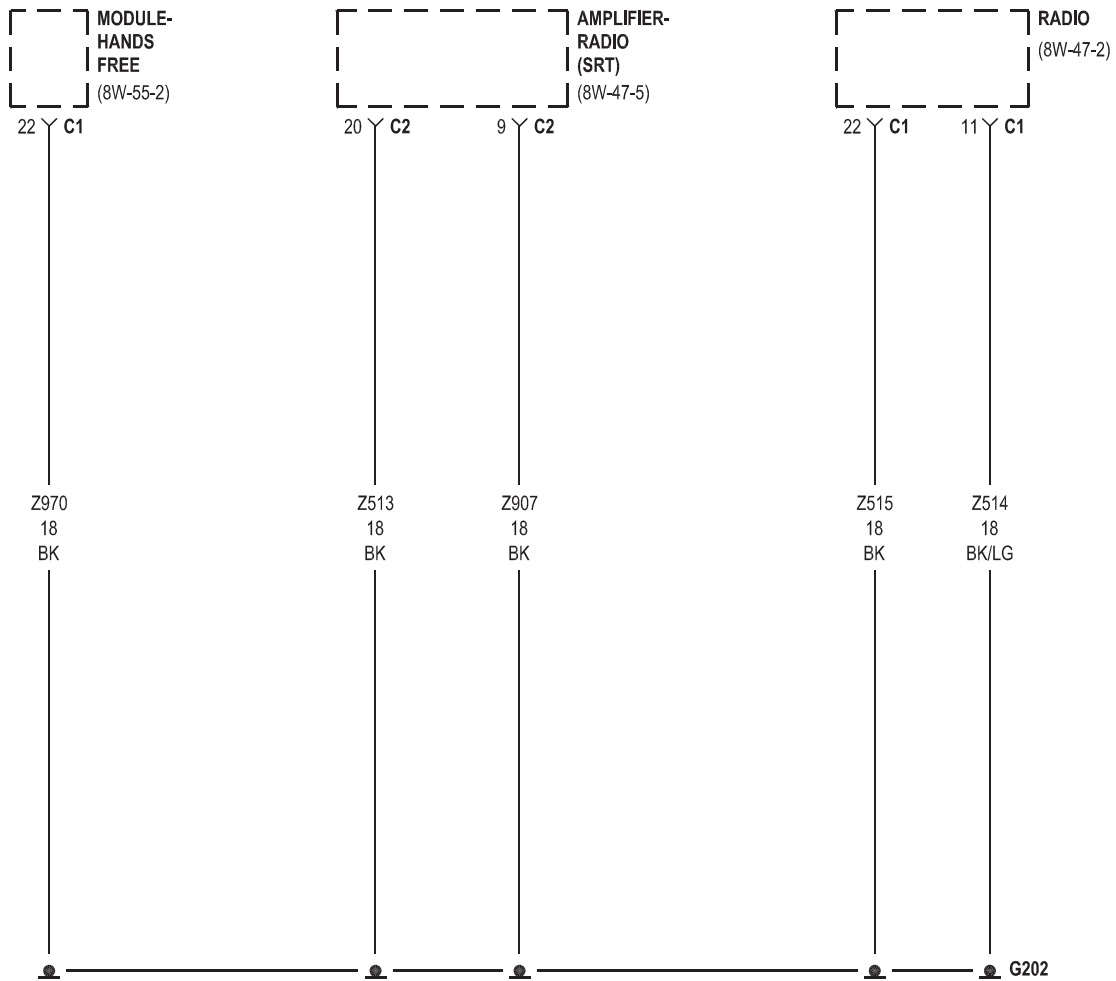
DR **8W-15 GROUND DISTRIBUTION** **8W - 15 - 15**
SRT

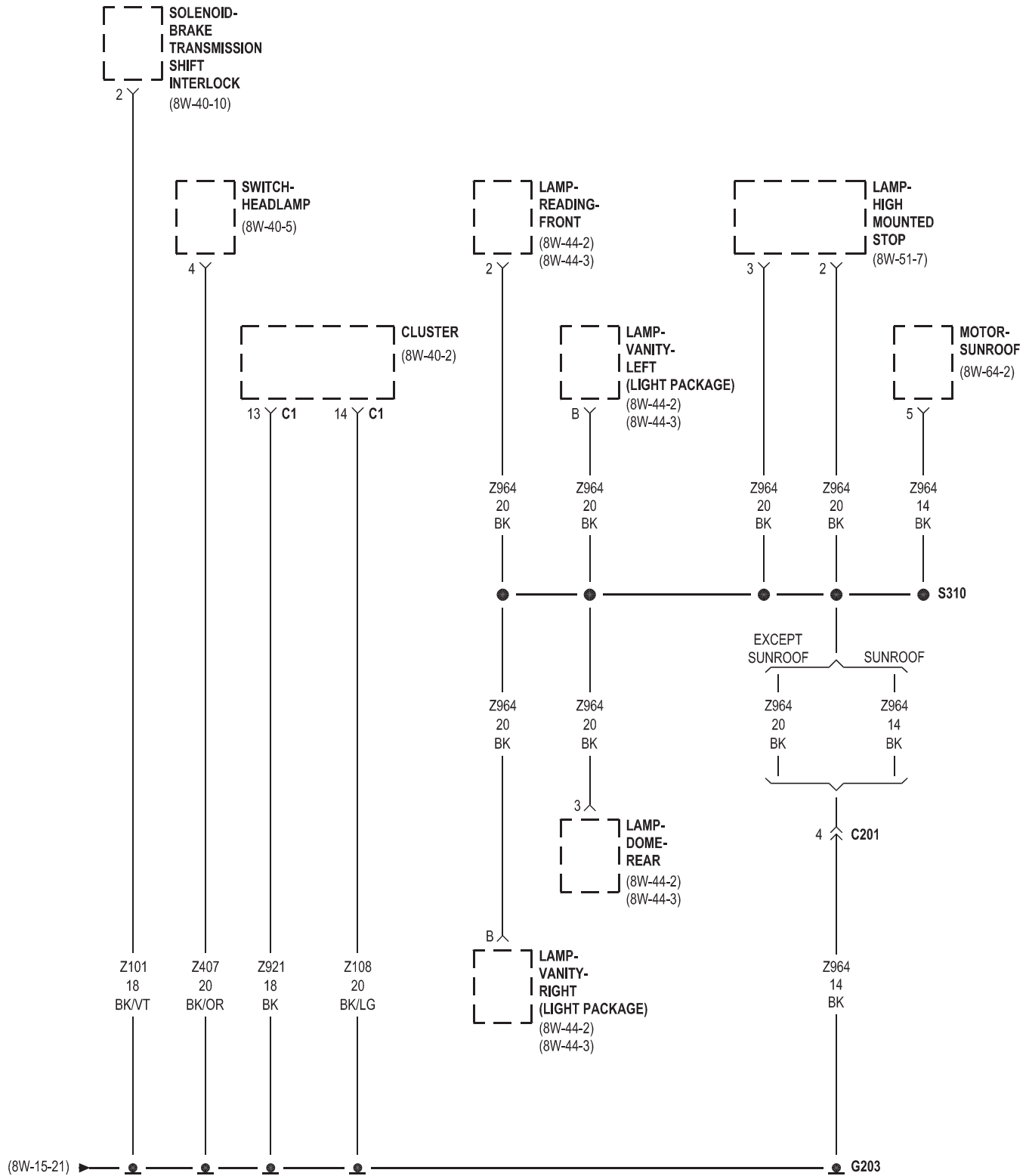


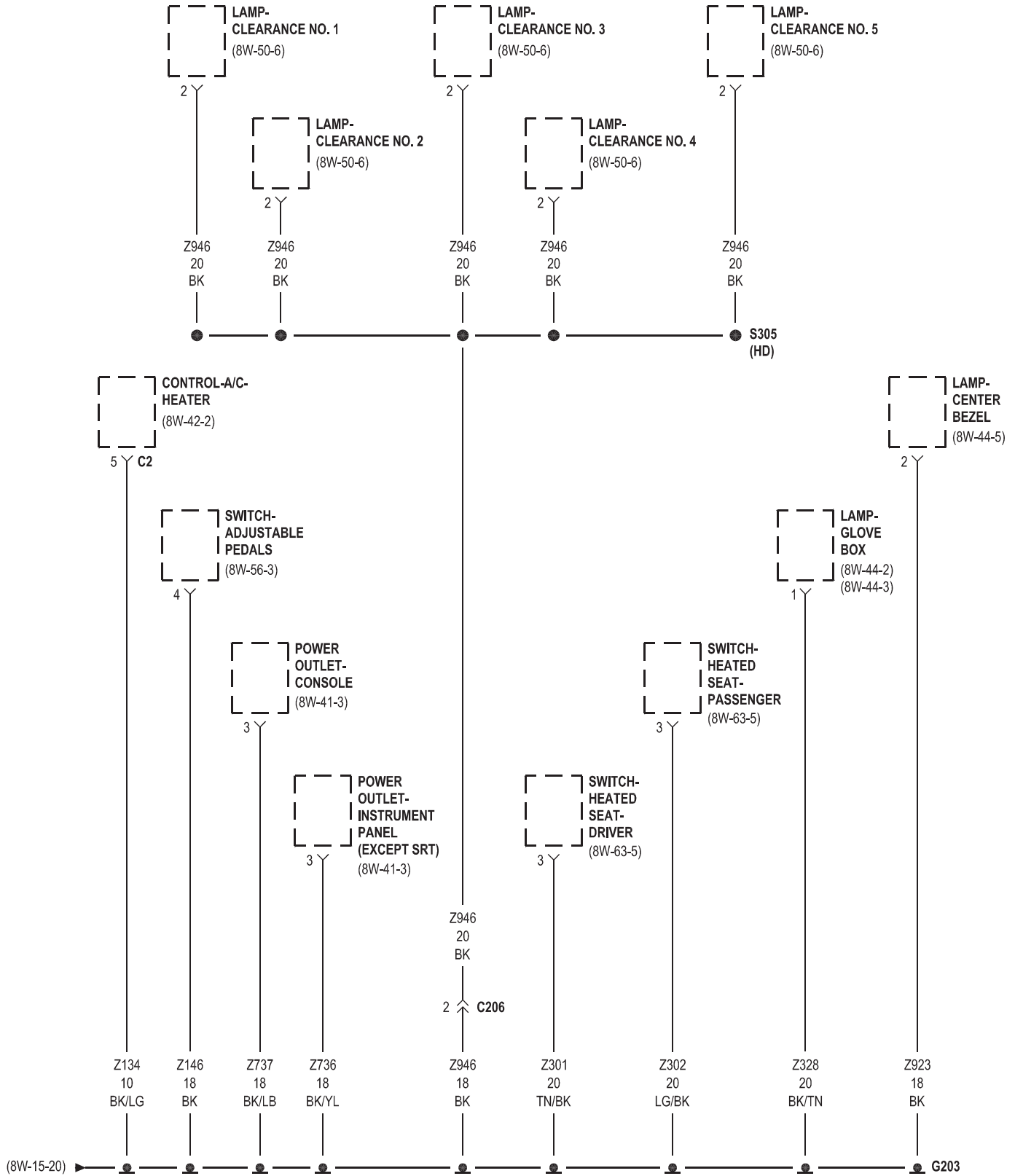


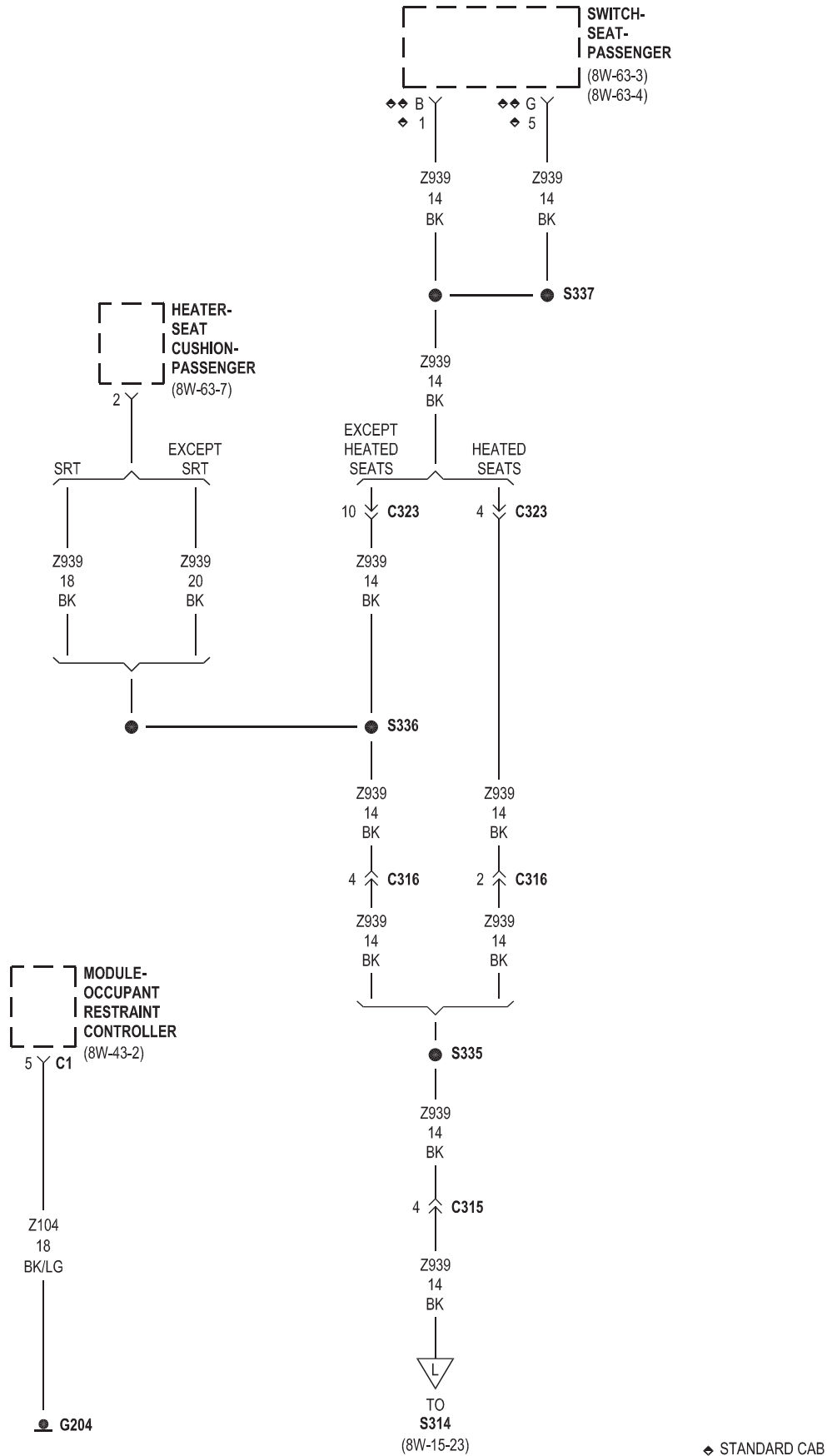


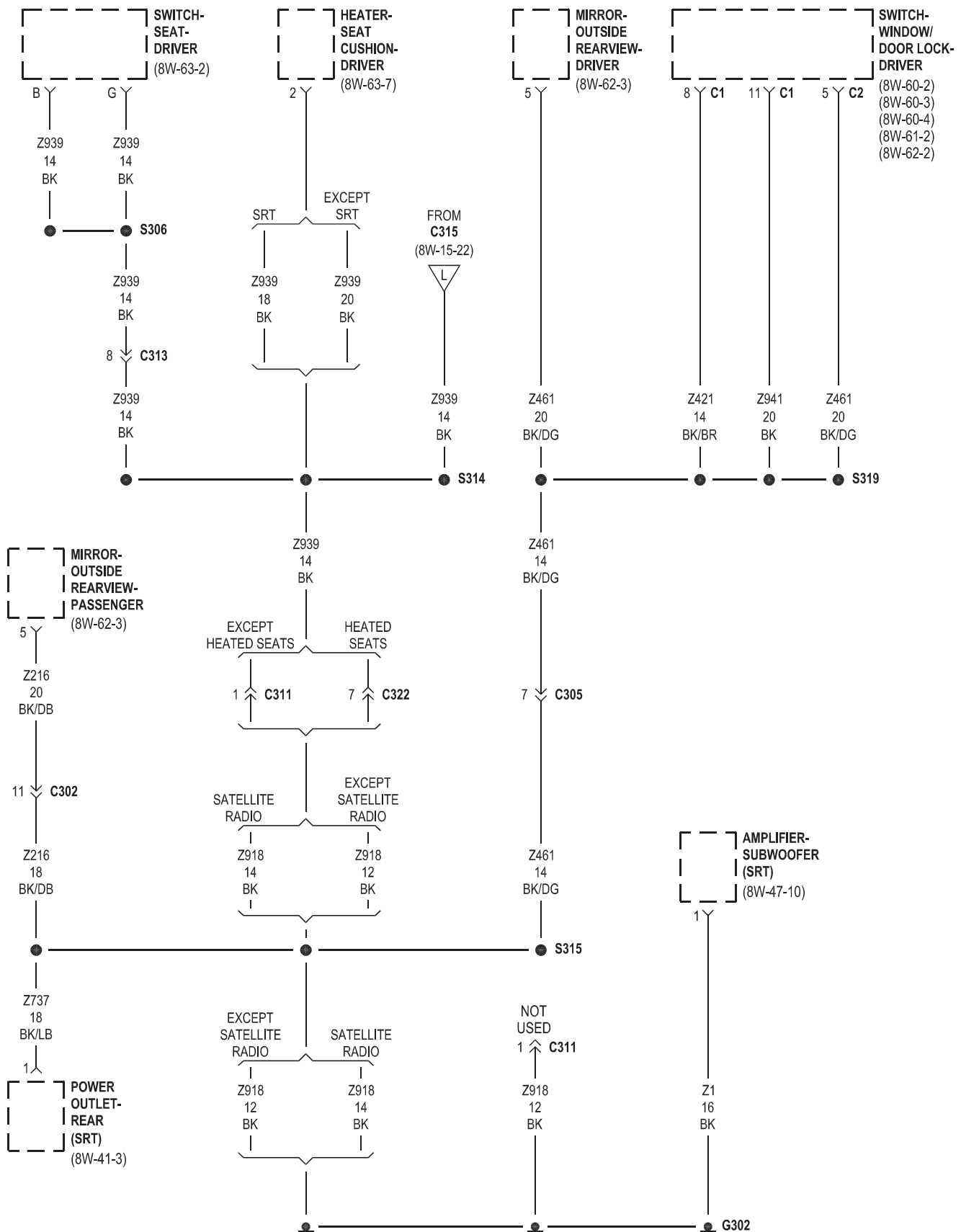


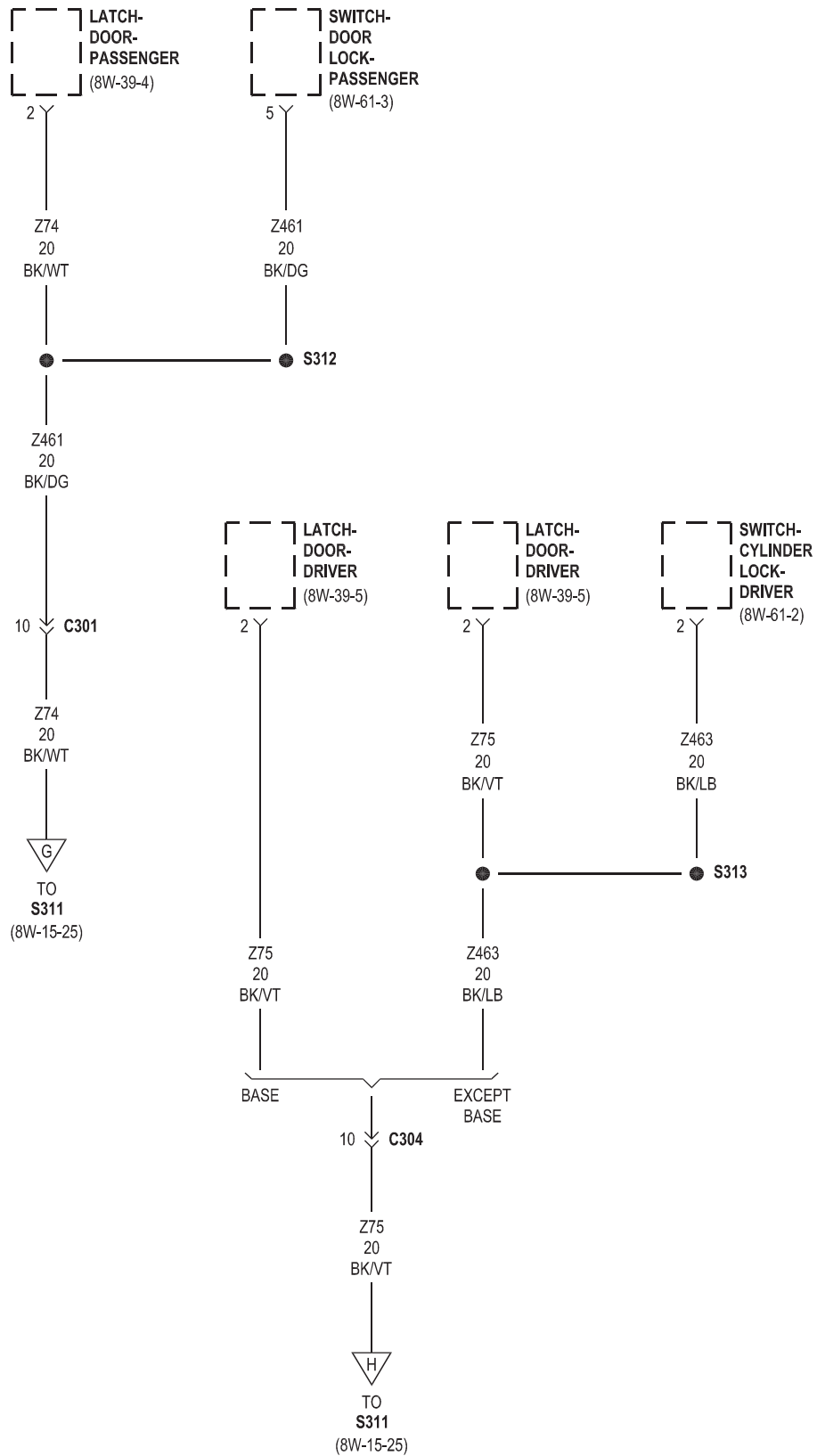


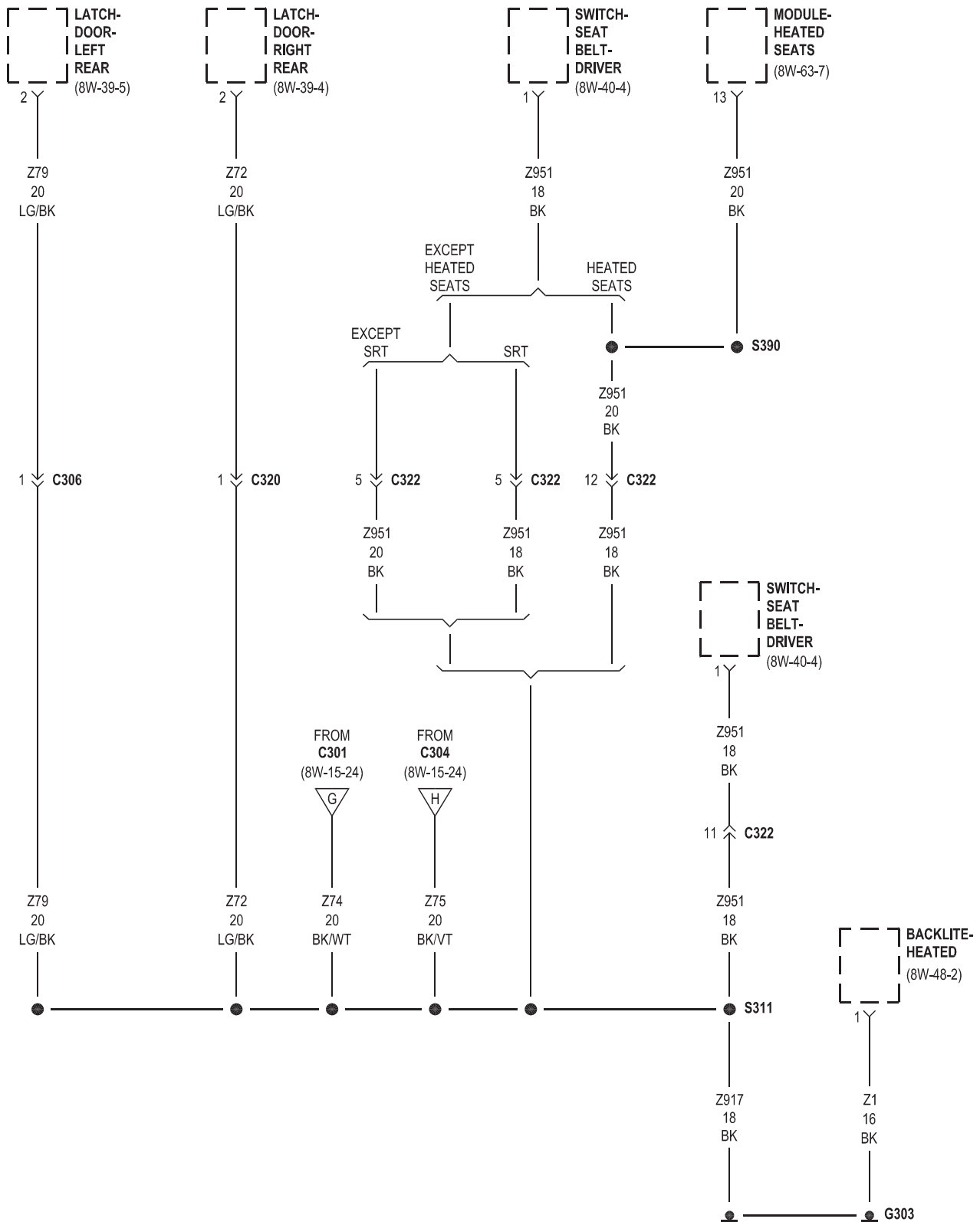












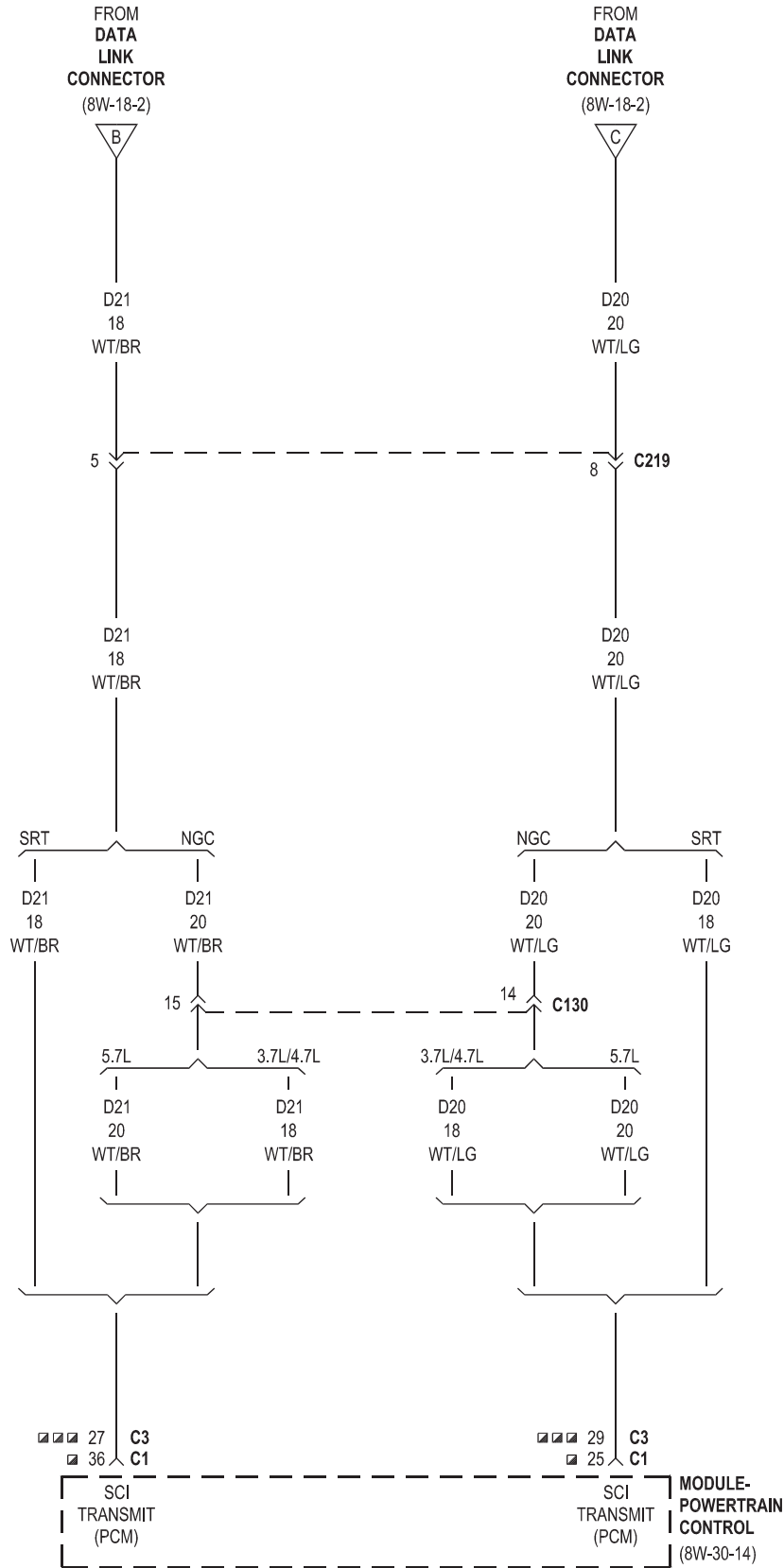
8W-18 BUS COMMUNICATIONS

Component	Page
Amplifier-Radio	8W-18-5, 6
Cluster	8W-18-5
Control-A/C-Heater	8W-18-5
Data Link Connector	8W-18-2, 3, 4, 5
Data Link Connector-Engine	8W-18-4
Fuse 51	8W-18-2, 4
G120	8W-18-4
G201	8W-18-2, 4
Module-Anti-Lock Brakes	8W-18-6
Module-Electronic Overhead	8W-18-5

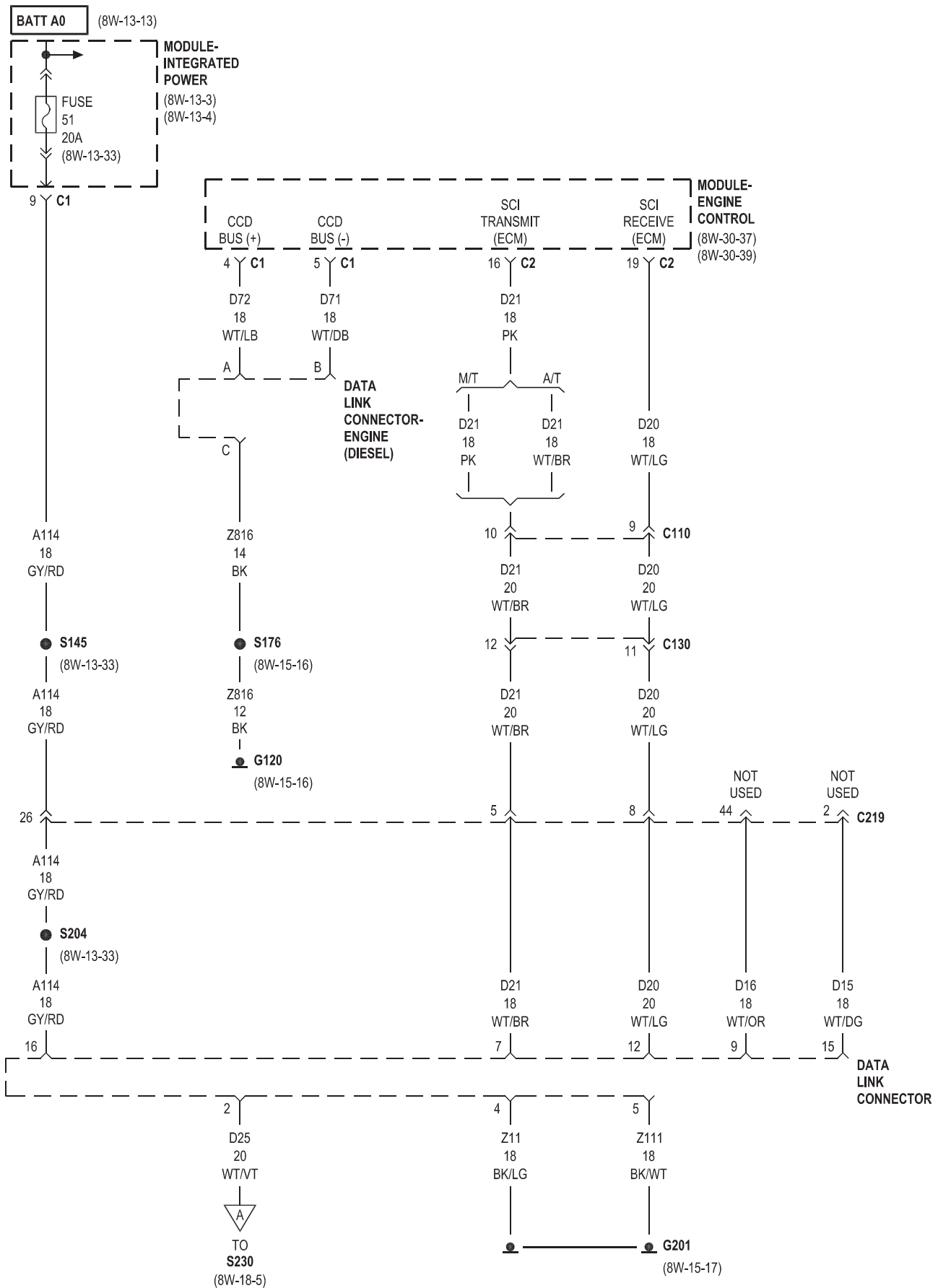
Component	Page
Module-Engine Control	8W-18-4, 6
Module-Final Drive Control	8W-18-6
Module-Front Control	8W-18-6
Module-Hands Free	8W-18-6
Module-Integrated Power	8W-18-2, 4, 6
Module-Occupant Restraint Controller	8W-18-5
Module-Powertrain Control	8W-18-2, 3, 6
Module-Sentry Key Immobilizer	8W-18-6
Module-Transfer Case Control	8W-18-6
Radio	8W-18-5

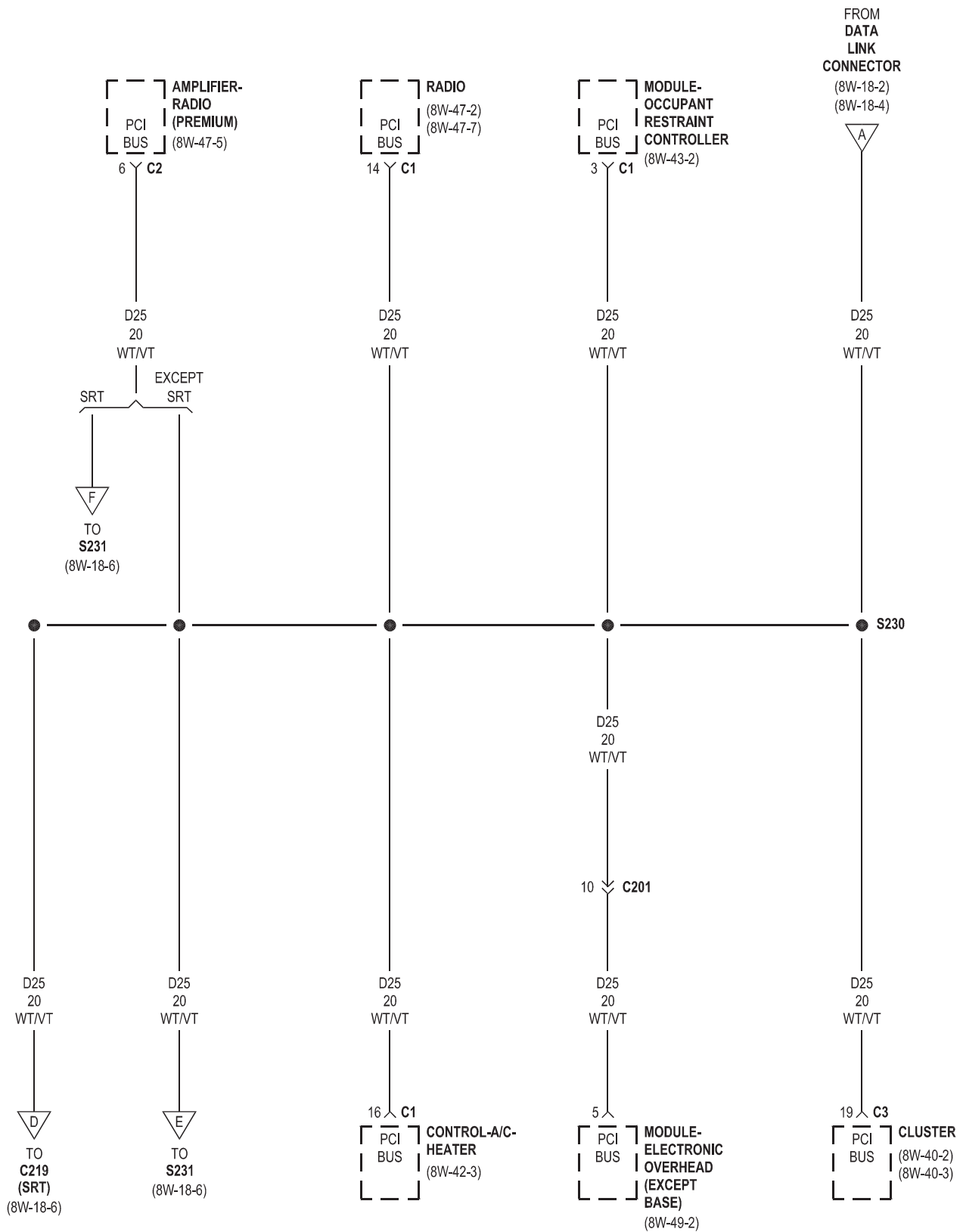


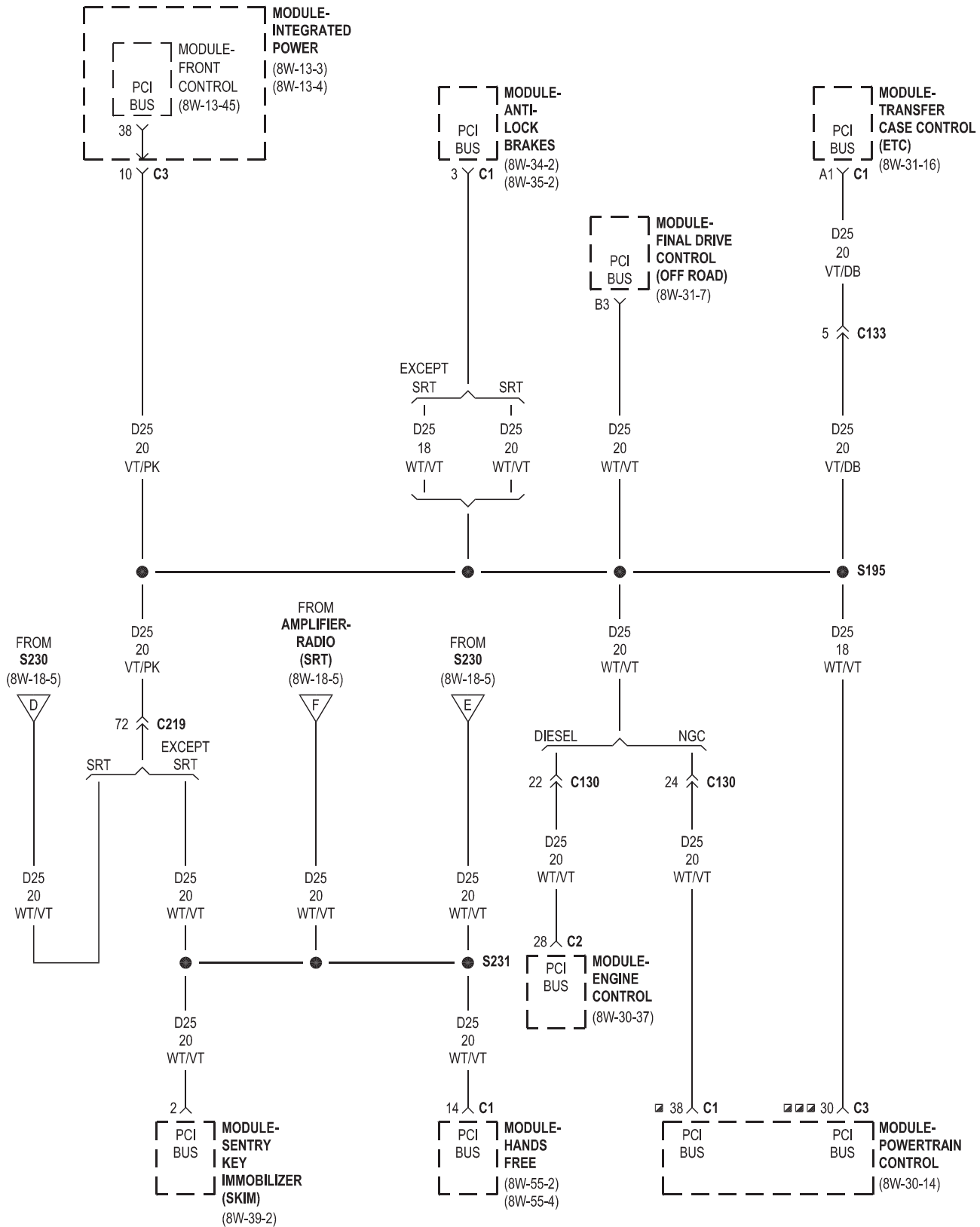
DR 8W-18 BUS COMMUNICATIONS GAS 8W - 18 - 3



■ NGC
■ SRT







8W-20 CHARGING SYSTEM

Component	Page	Component	Page
Assembly-Natural Vacuum Leak		G107	8W-20-2
Detection	8W-20-2	G108	8W-20-3
Battery	8W-20-2, 3	G109	8W-20-3
Battery-Auxiliary	8W-20-3	G120	8W-20-3
Fuse 12	8W-20-3	Generator	8W-20-2, 3
Fuse 23	8W-20-2	Module-Engine Control	8W-20-3
Fusible Link	8W-20-2, 3	Module-Integrated Power	8W-20-2, 3
G100	8W-20-2, 3	Module-Powertrain Control	8W-20-2
G101	8W-20-2, 3	Starter	8W-20-2, 3
G102	8W-20-2, 3		

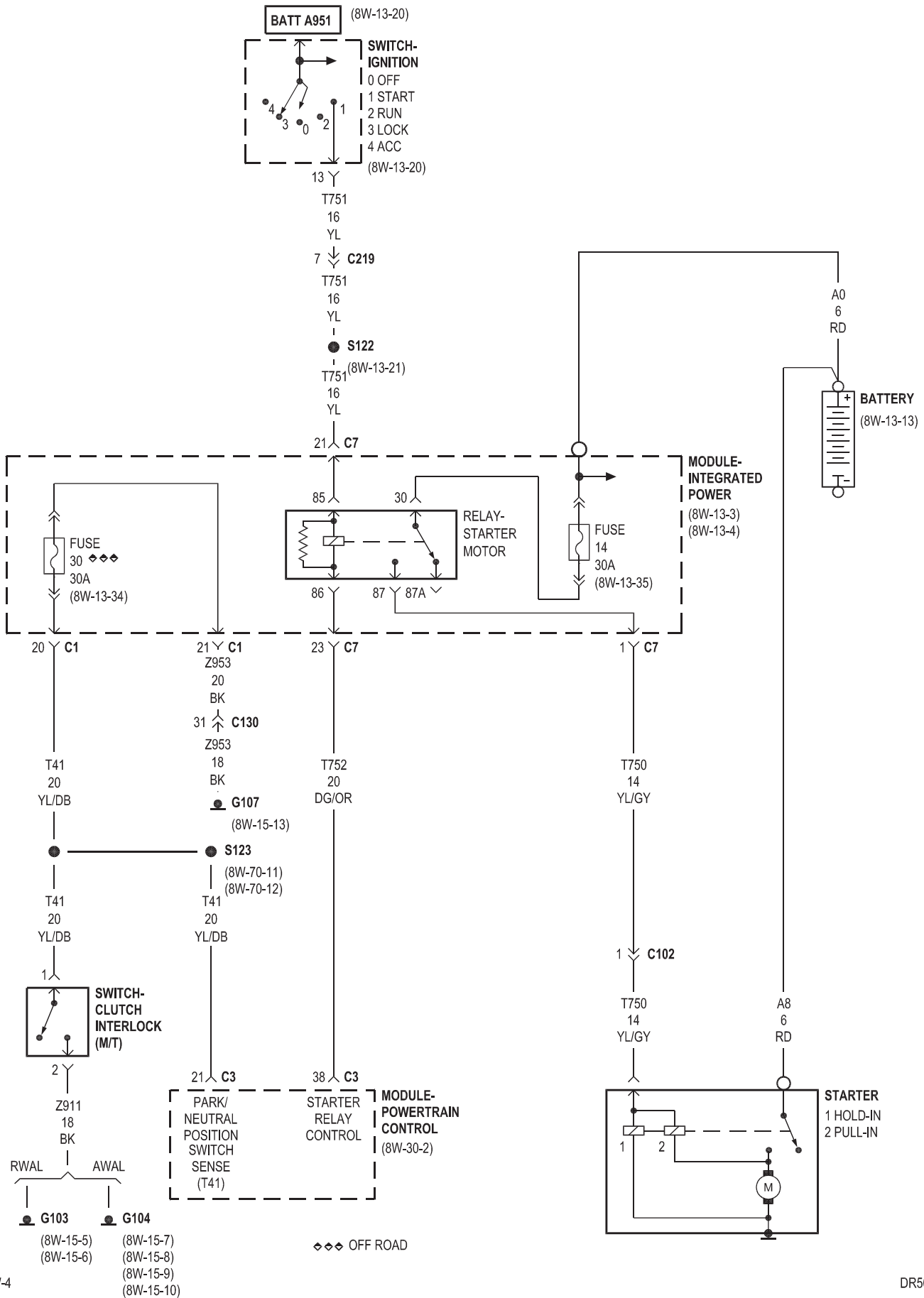




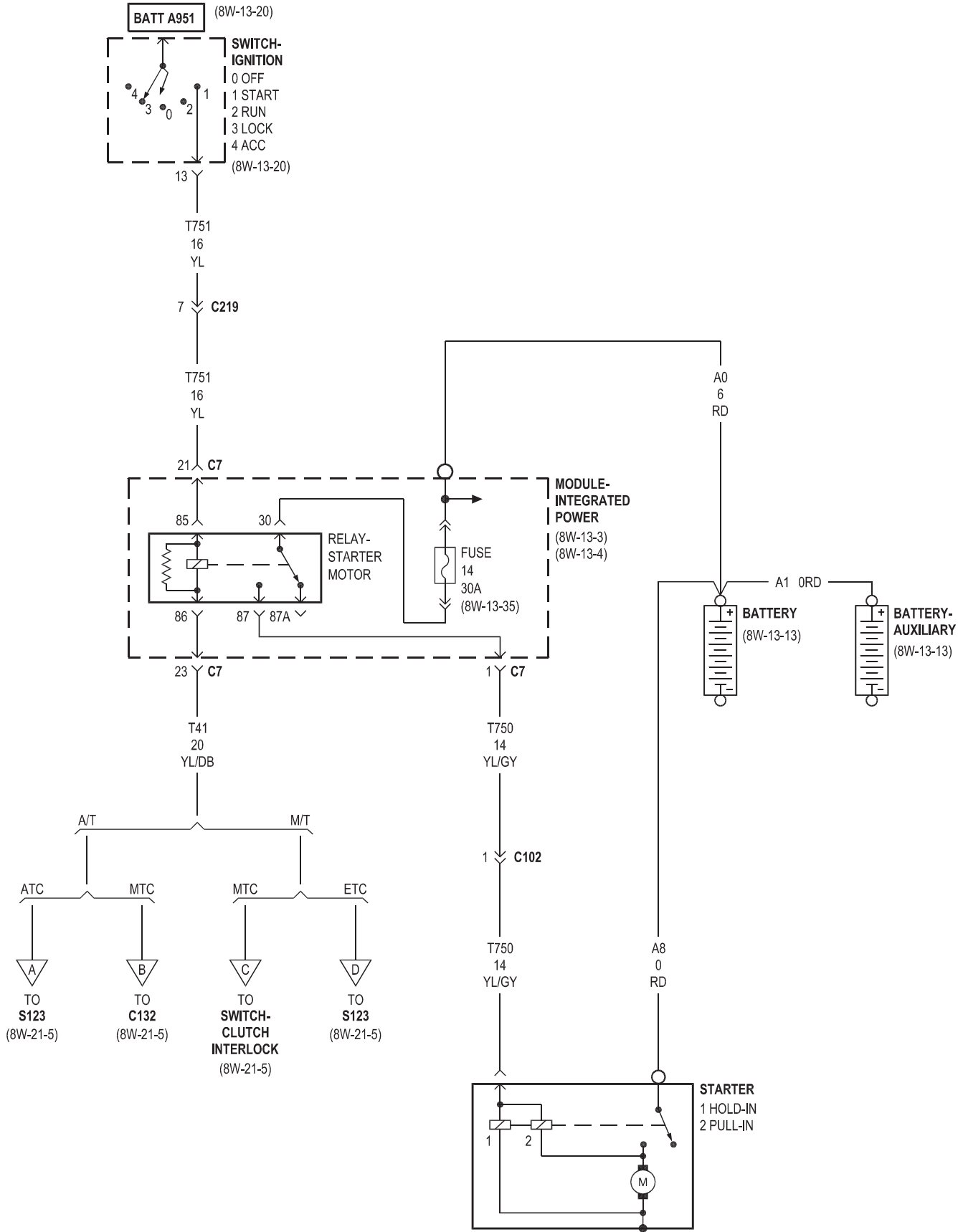
8W-21 STARTING SYSTEM

Component	Page
Battery	8W-21-2, 3, 4
Battery-Auxiliary	8W-21-4
Fuse 14	8W-21-2, 4
Fuse 30	8W-21-2
G103	8W-21-2
G104	8W-21-2, 3, 5
G107	8W-21-2
Module-Engine Control	8W-21-5
Module-Integrated Power	8W-21-2, 3, 4, 5
Module-Powertrain Control	8W-21-2, 3

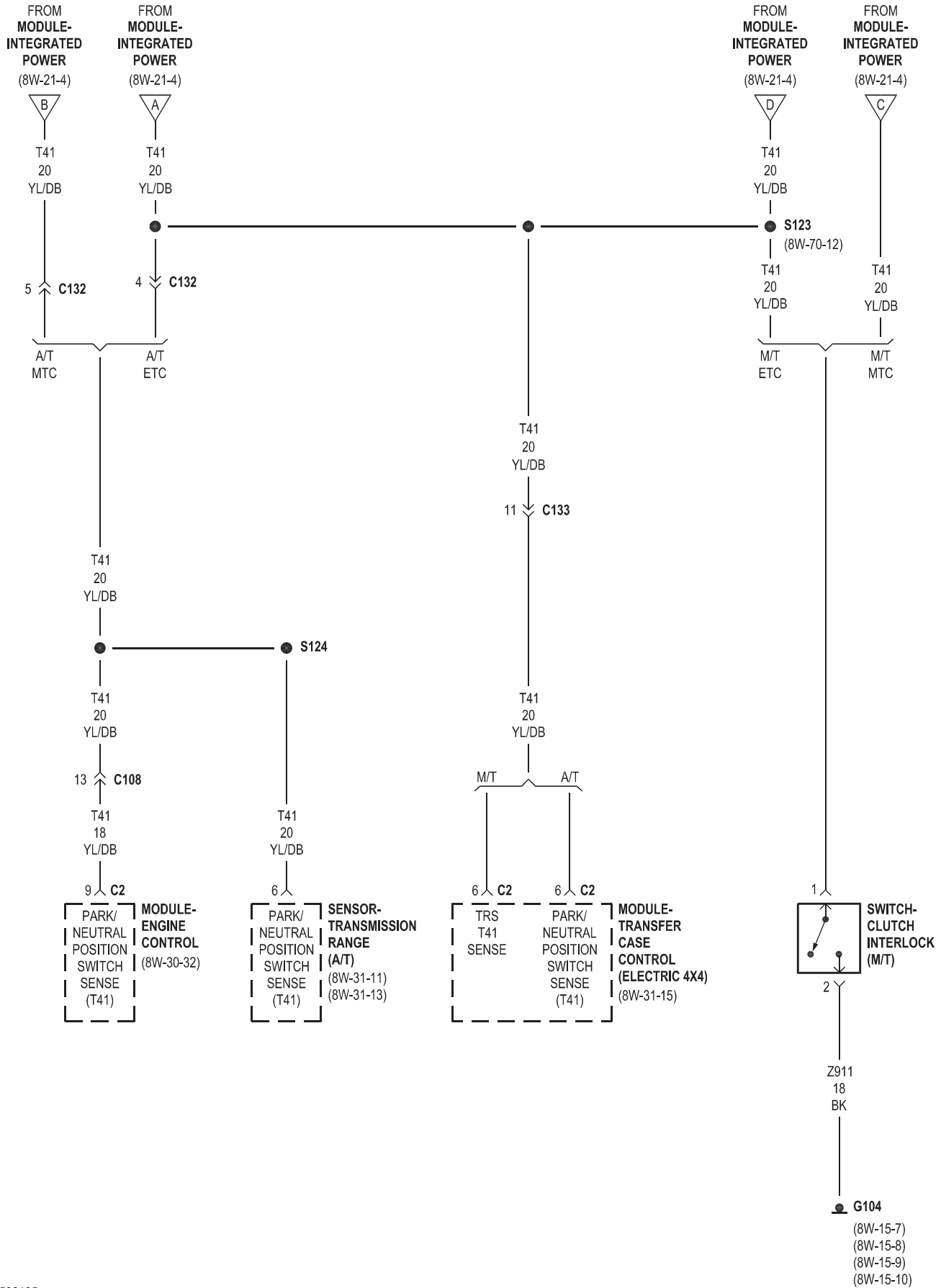
Component	Page
Module-Transfer Case Control	8W-21-5
PTC No. 2	8W-21-3
Relay-Starter	8W-21-3
Relay-Starter Motor	8W-21-2, 4
Sensor-Transmission Range	8W-21-3, 5
Starter	8W-21-2, 3, 4
Switch-Clutch Interlock	8W-21-2, 3, 4, 5
Switch-Ignition	8W-21-2, 3, 4
Switch-Push-Button Starter	8W-21-3







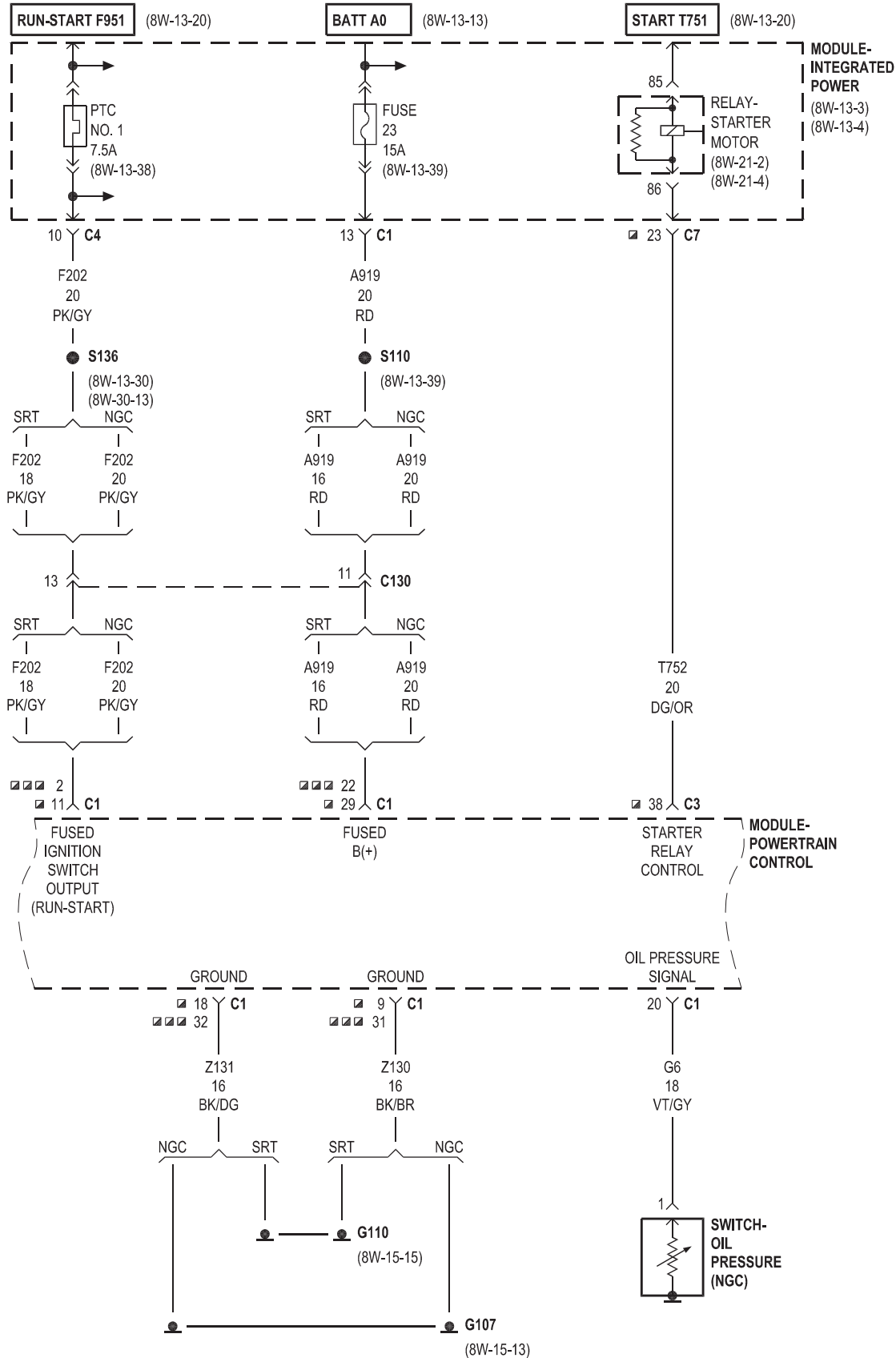
DR 8W-21 STARTING SYSTEM DIESEL 8W - 21 - 5



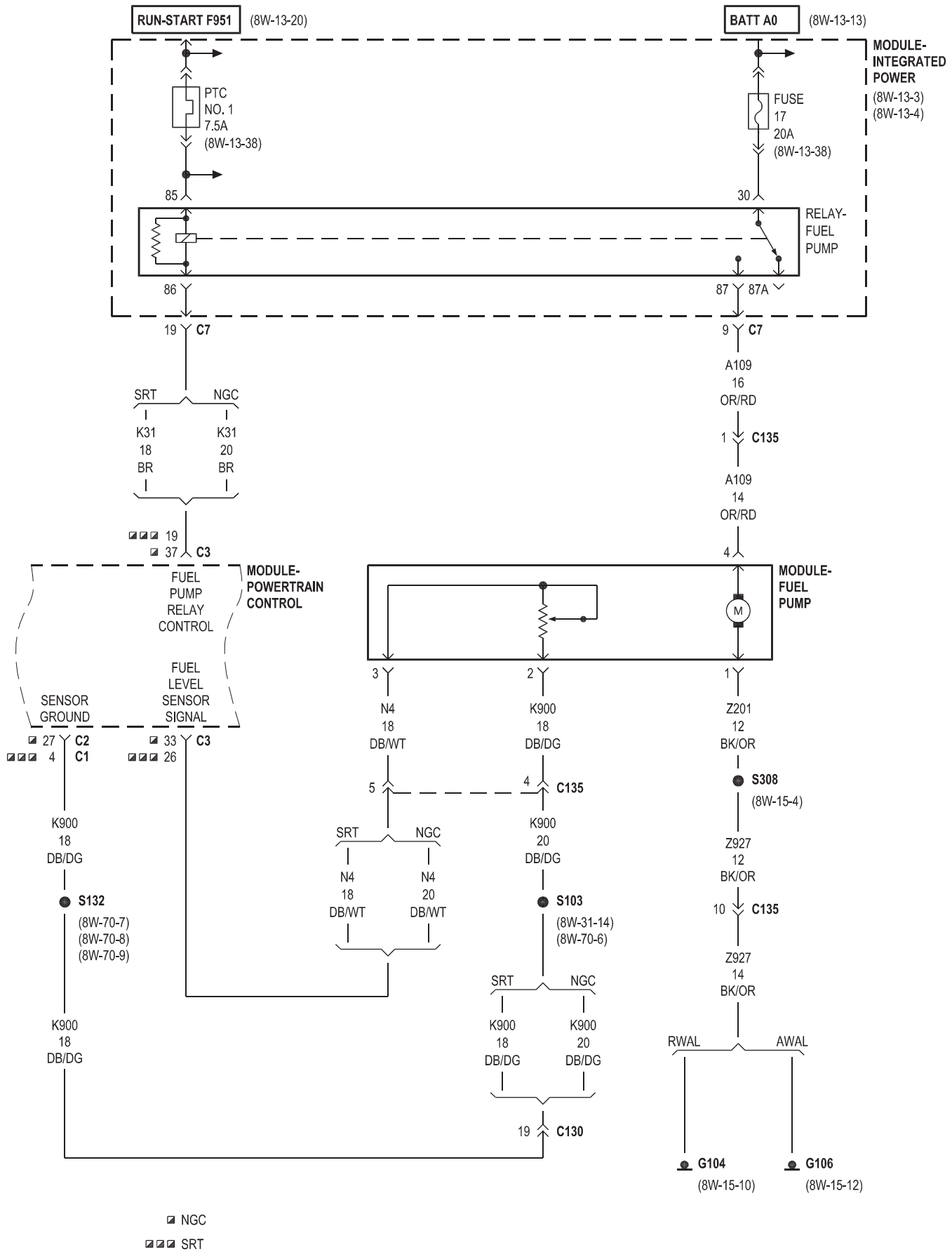
8W-30 FUEL/IGNITION SYSTEM

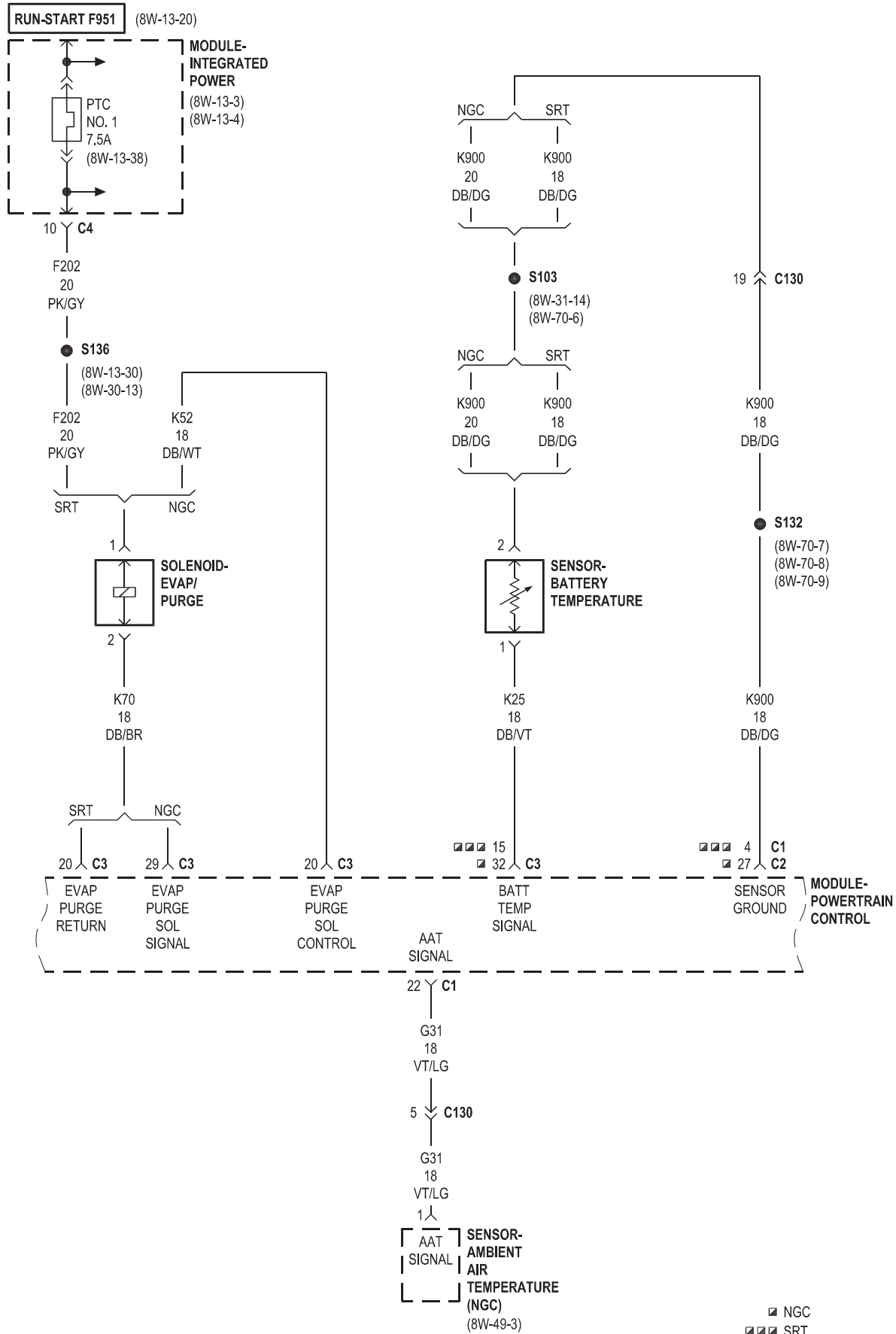
Component	Page
Actuator-Fuel Control	8W-30-39
Assembly-EGR Valve	8W-30-26
Assembly-Natural Vacuum Leak Detection	8W-30-12
Assembly-Transmission Solenoid	8W-30-43, 44
Assembly-Transmission Throttle Valve	8W-30-44
Battery	8W-30-29, 30
Capacitor-Ignition	8W-30-6
Clockspring	8W-30-13, 27, 37
Coil-Ignition-Left	8W-30-24
Coil-Ignition-No. 1	8W-30-7, 8
Coil-Ignition-No. 2	8W-30-7, 9
Coil-Ignition-No. 3	8W-30-7, 8
Coil-Ignition-No. 4	8W-30-7, 9
Coil-Ignition-No. 5	8W-30-6, 8
Coil-Ignition-No. 6	8W-30-6, 9
Coil-Ignition-No. 7	8W-30-6, 8
Coil-Ignition-No. 8	8W-30-6, 9
Coil-Ignition-Right	8W-30-24
Data Link Connector	8W-30-14, 37
Data Link Connector-Engine	8W-30-39
Drive-Fan-Radiator	8W-30-35, 36
Fuse 2	8W-30-5
Fuse 5	8W-30-25, 43
Fuse 12	8W-30-33
Fuse 17	8W-30-3
Fuse 23	8W-30-2
Fuse 36	8W-30-36
Fuse 49	8W-30-5
Fuse 50	8W-30-33, 34, 43
Fusible Link	8W-30-29, 30
G103	8W-30-13
G104	8W-30-3, 13, 24, 33, 44
G105	8W-30-29
G106	8W-30-3
G107	8W-30-2, 12, 18, 19, 26
G110	8W-30-2, 20
G114	8W-30-30
G120	8W-30-33
G201	8W-30-11
Generator	8W-30-12, 39
Heater-Fuel	8W-30-33
Heater-Intake Air No. 1	8W-30-29
Heater-Intake Air No. 2	8W-30-29
Injector-Fuel-No. 1	8W-30-7, 8, 10, 42
Injector-Fuel-No. 2	8W-30-7, 9, 10, 42
Injector-Fuel-No. 3	8W-30-7, 8, 10, 42
Injector-Fuel-No. 4	8W-30-7, 9, 10, 41
Injector-Fuel-No. 5	8W-30-7, 8, 10, 41
Injector-Fuel-No. 6	8W-30-7, 9, 10, 41
Injector-Fuel-No. 7	8W-30-6, 8, 10
Injector-Fuel-No. 8	8W-30-6, 9, 10
Injector-Fuel-No. 9	8W-30-10
Injector-Fuel-No. 10	8W-30-10
Module-Anti-Lock Brakes	8W-30-11, 38
Module-Engine Control	8W-30-29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44
Module-Fuel Pump	8W-30-3, 34
Module-Integrated Power	8W-30-2, 3, 4, 5, 14, 25, 30, 32, 33, 34, 36, 37, 43

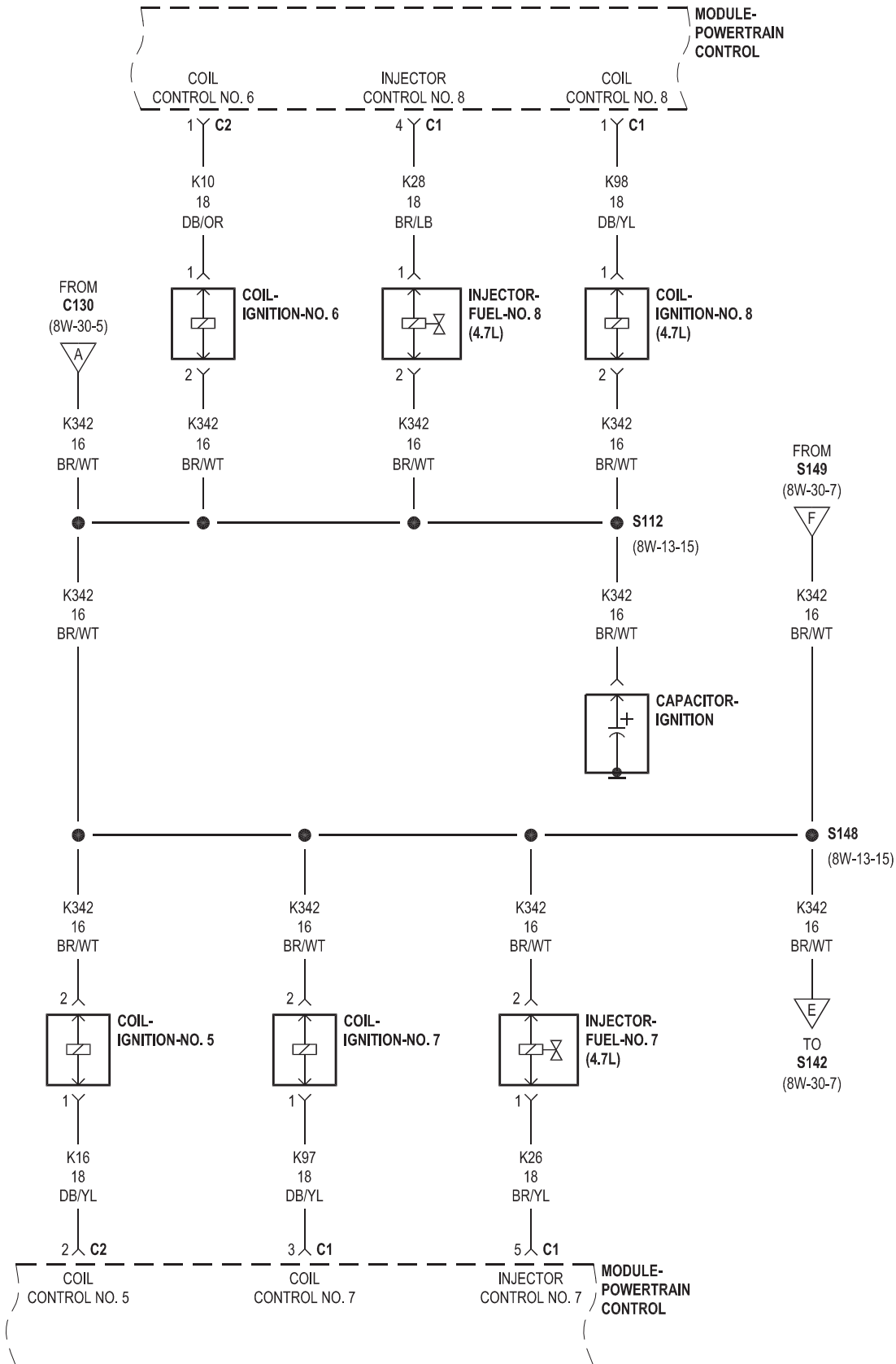
Component	Page
Module-Powertrain Control	8W-30-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
Motor-Iac	8W-30-14
PTC No. 1	8W-30-2, 3, 4, 14, 34, 37
Pto Switch	8W-30-11
Pump-Fuel Injection	8W-30-32
Pump-Leak Detection	8W-30-12
Relay-Auto Shut Down	8W-30-5, 21
Relay-Clutch-A/C Compressor	8W-30-14, 34
Relay-Condenser Fan	8W-30-14
Relay-Fuel Heater	8W-30-33
Relay-Fuel Pump	8W-30-3
Relay-Intake Air Heater No. 1	8W-30-29
Relay-Intake Air Heater No. 2	8W-30-29
Relay-Oxygen Sensor Downstream	8W-30-5, 20
Relay-Starter	8W-30-25
Relay-Starter Motor	8W-30-2, 32
Relay-Transmission Control	8W-30-43
Sensor-Accelerator Pedal Position	8W-30-27, 31
Sensor-Ambient Air Temperature	8W-30-4
Sensor-Battery Temperature	8W-30-4, 29
Sensor-Camshaft Position	8W-30-15, 40
Sensor-Crankshaft Position	8W-30-15, 40
Sensor-Engine Coolant Temperature	8W-30-22, 23, 31
Sensor-Engine Oil Pressure	8W-30-23
Sensor-Engine Oil Temperature	8W-30-25
Sensor-Intake Air Temperature	8W-30-22, 23
Sensor-Knock	8W-30-17
Sensor-Knock No. 1	8W-30-17
Sensor-Knock No. 2	8W-30-17
Sensor-Line Pressure	8W-30-16
Sensor-Map	8W-30-22, 23
Sensor-Output Speed	8W-30-43
Sensor-Oxygen-Left Front	8W-30-19, 21
Sensor-Oxygen-Left Rear	8W-30-18, 20
Sensor-Oxygen-Right Front	8W-30-19, 21
Sensor-Oxygen-Right Rear	8W-30-18, 20
Sensor-Temperature/Pressure Intake	8W-30-35
Sensor-Temperature/Pressure-Map	8W-30-39
Sensor-Throttle Position	8W-30-16, 25
Sensor-Transmission Range	8W-30-25, 32
Sensor-Water In Fuel	8W-30-31, 32
Servo-Speed Control	8W-30-13
Solenoid-EVAP/Purge	8W-30-4
Solenoid-Radiator Fan	8W-30-24
Solenoid-Reverse Lock-Out	8W-30-25
Solenoid-Wastegate	8W-30-36, 37
Switch-Clutch Interlock	8W-30-25, 32
Switch-Engine Oil Pressure	8W-30-30
Switch-Ignition	8W-30-11
Switch-Oil Pressure	8W-30-2
Switch-Power Steering Pressure	8W-30-12
Switch-Speed Control-Left	8W-30-13, 27, 37
Switch-Speed Control-Right	8W-30-13, 27
Switch-Stop Lamp	8W-30-13, 38, 44
Switch-Tow/Haul Overdrive	8W-30-11, 32
Throttle Body	8W-30-28
Transducer-A/C Pressure	8W-30-22, 23, 40



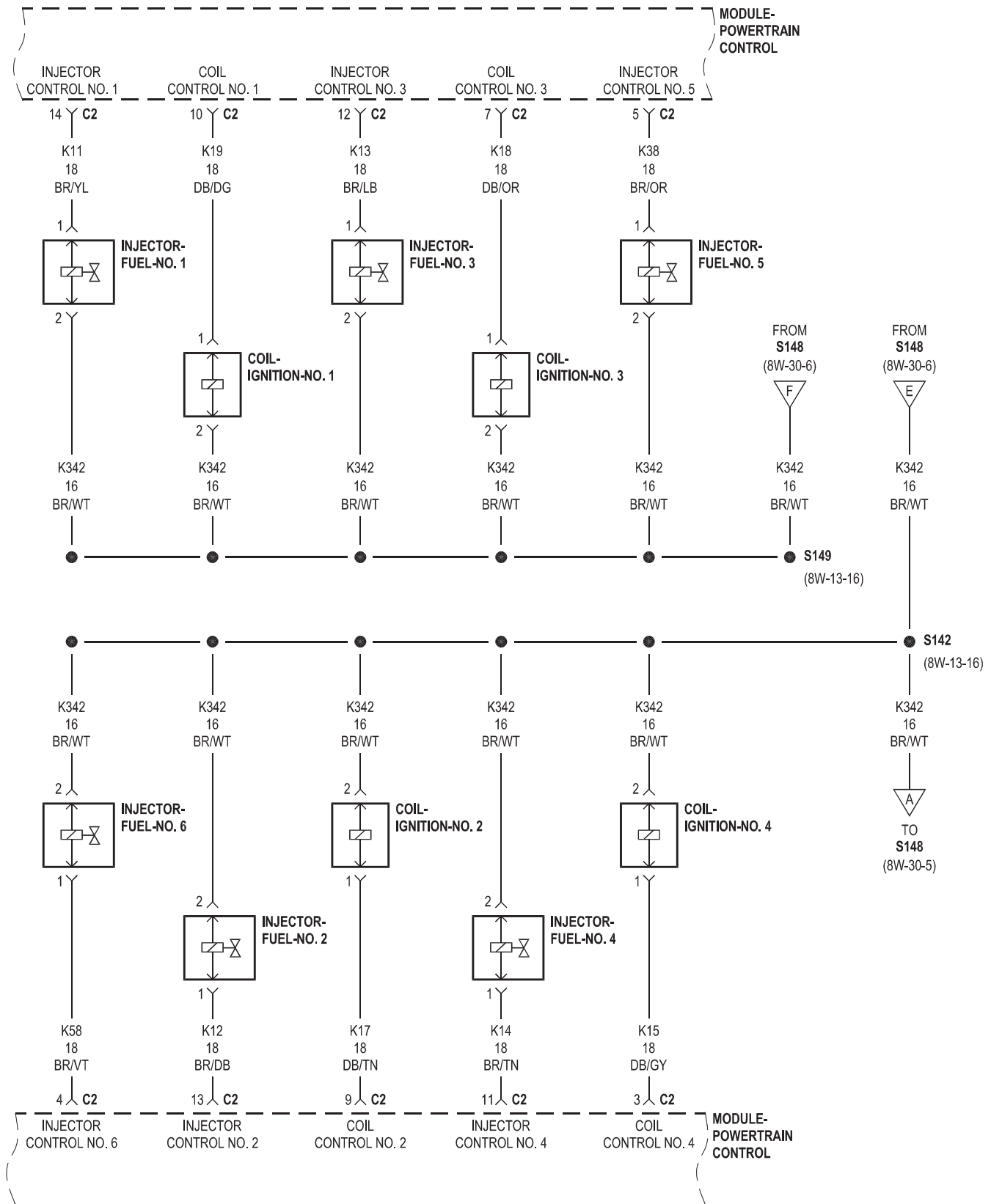
DR 8W-30 FUEL/IGNITION SYSTEM GAS 8W - 30 - 3



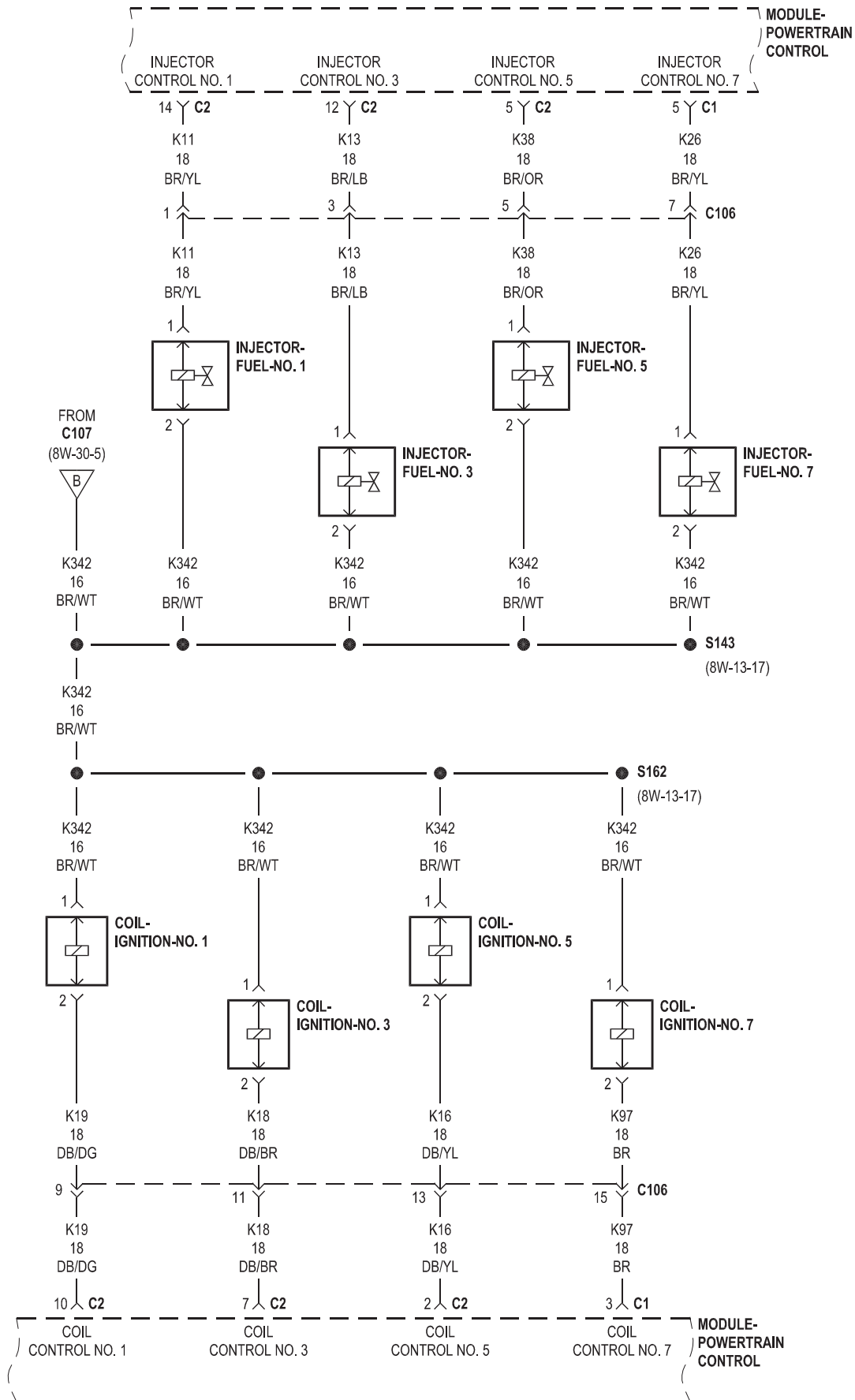




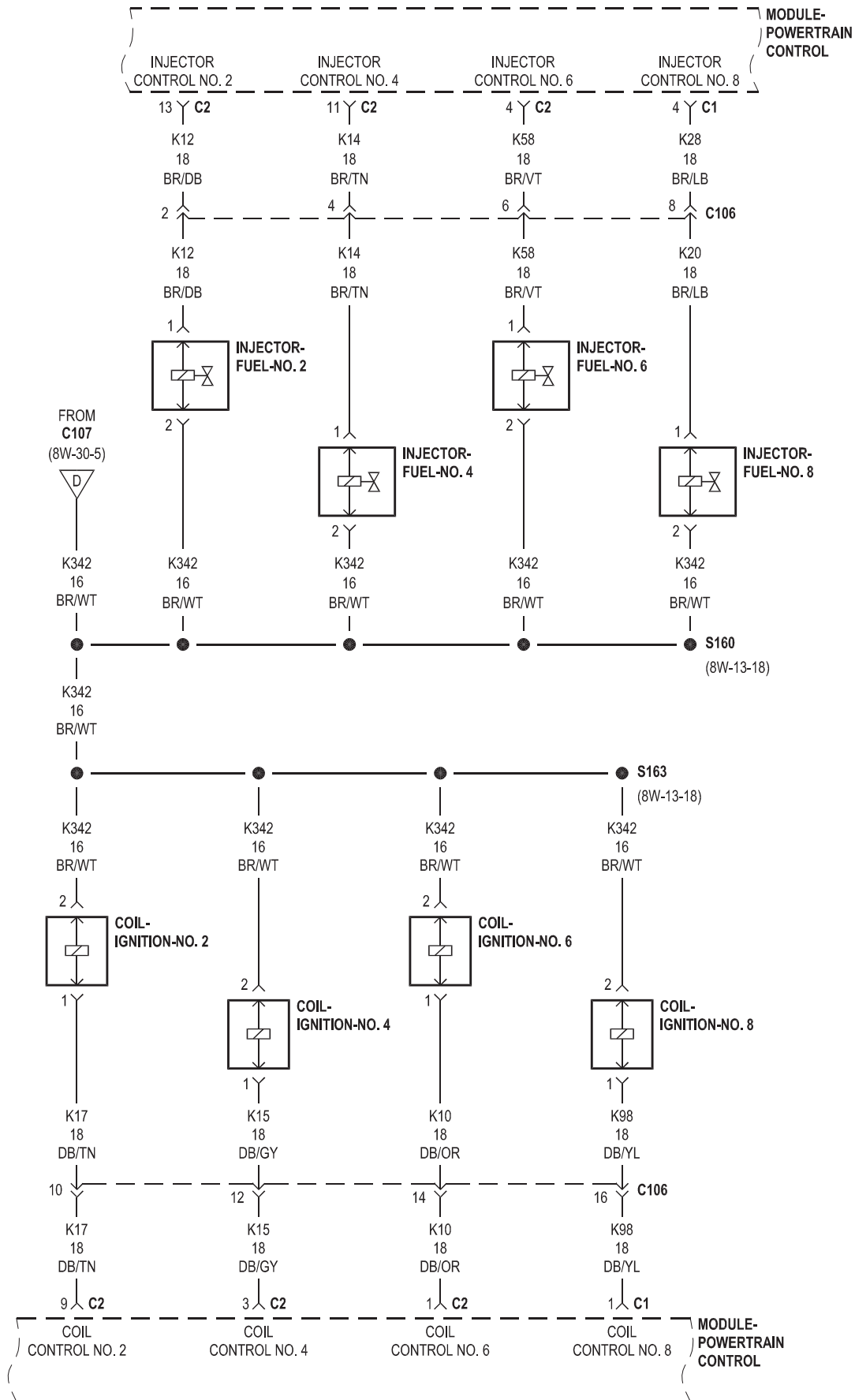
DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 7 3.7L/4.7L

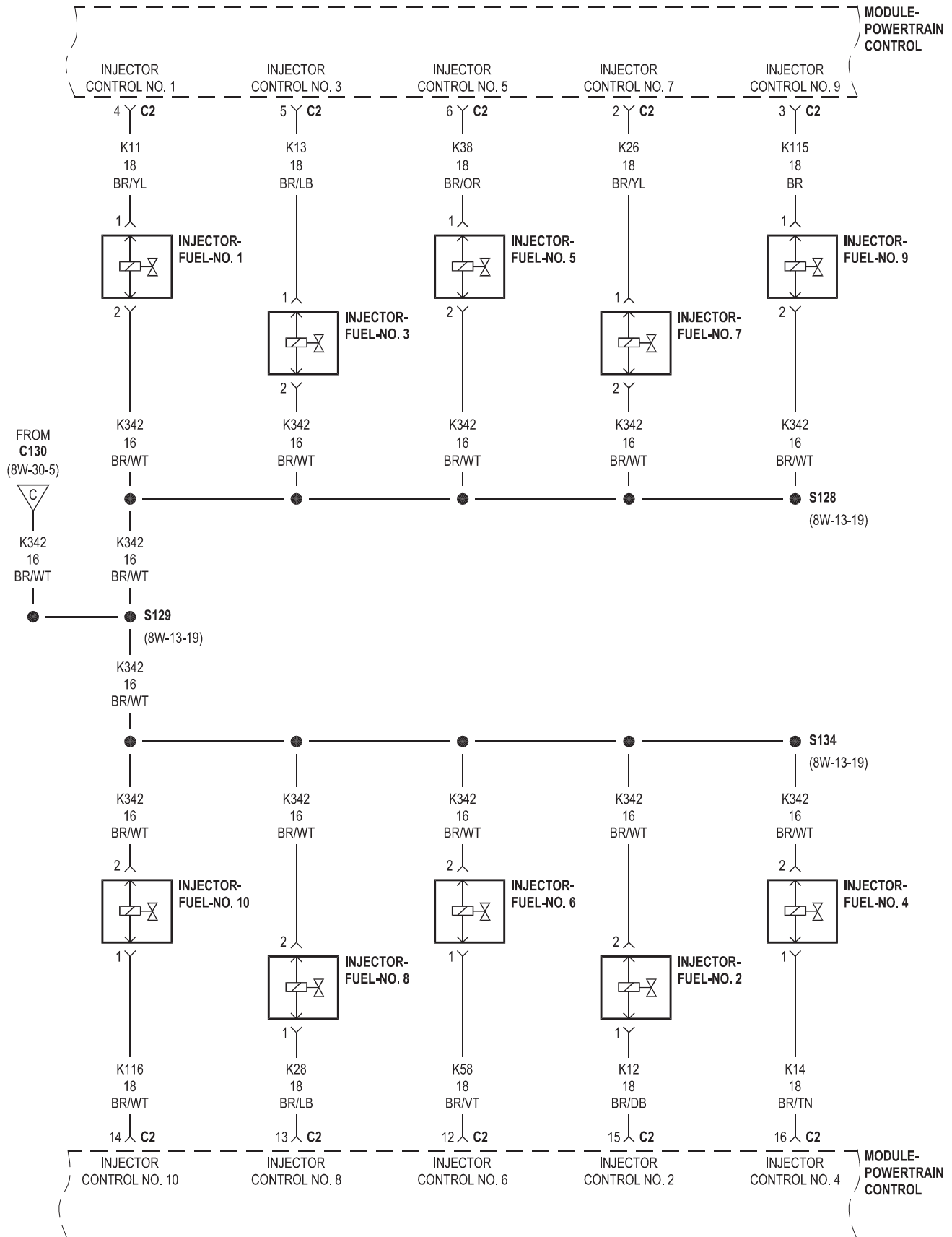


5.7L

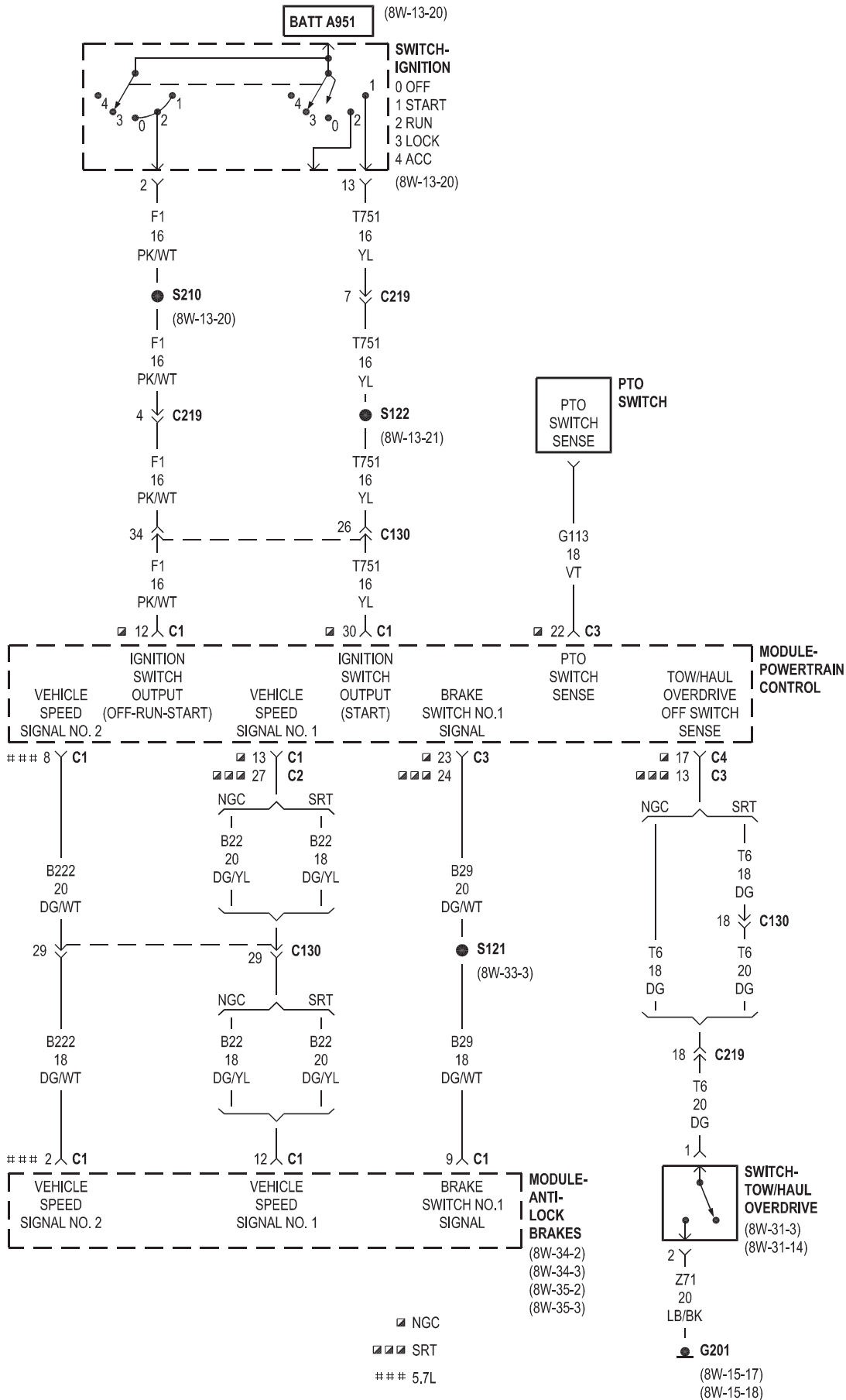


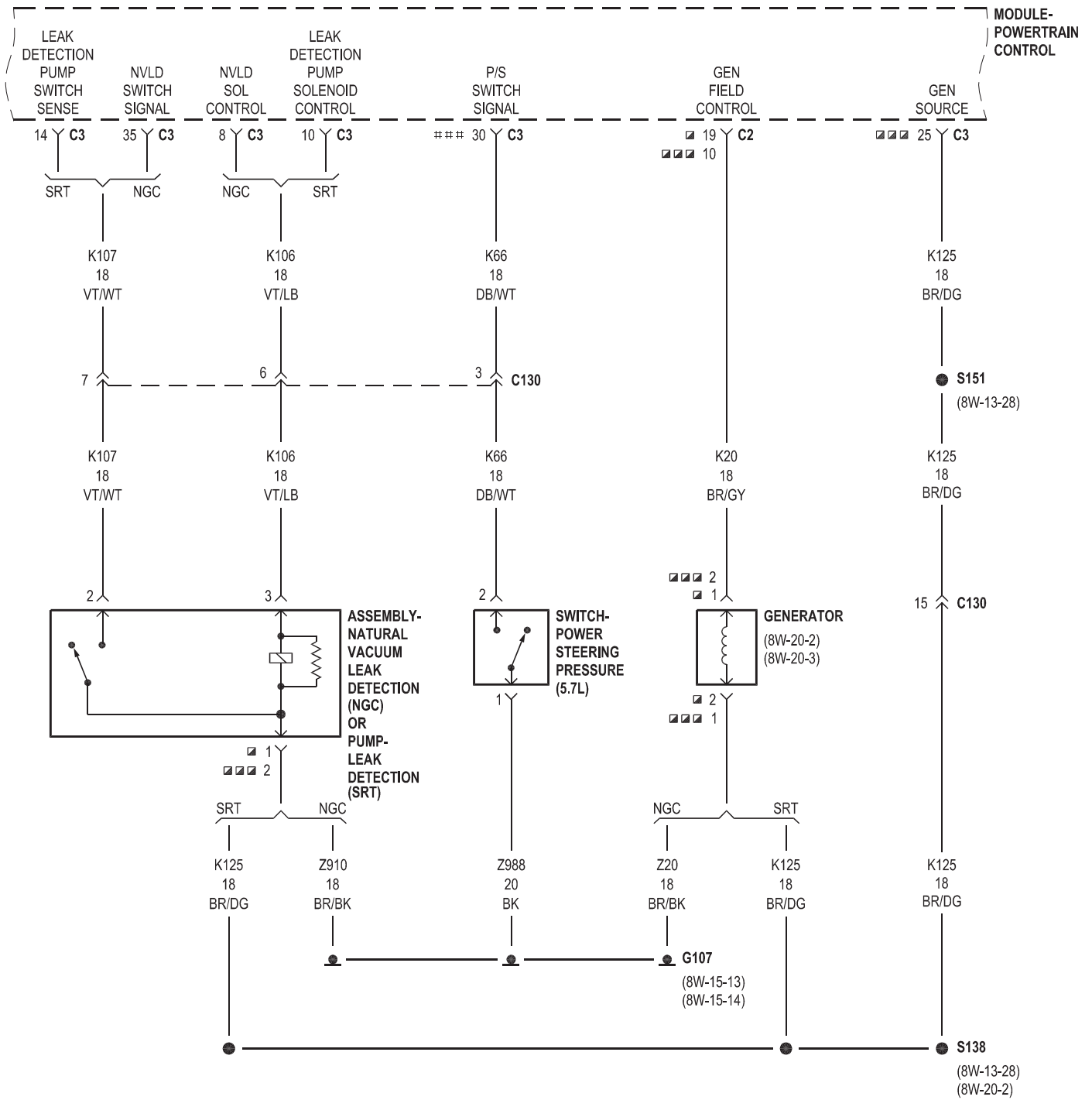
5.7L





DR 8W-30 FUEL/IGNITION SYSTEM GAS 8W - 30 - 11



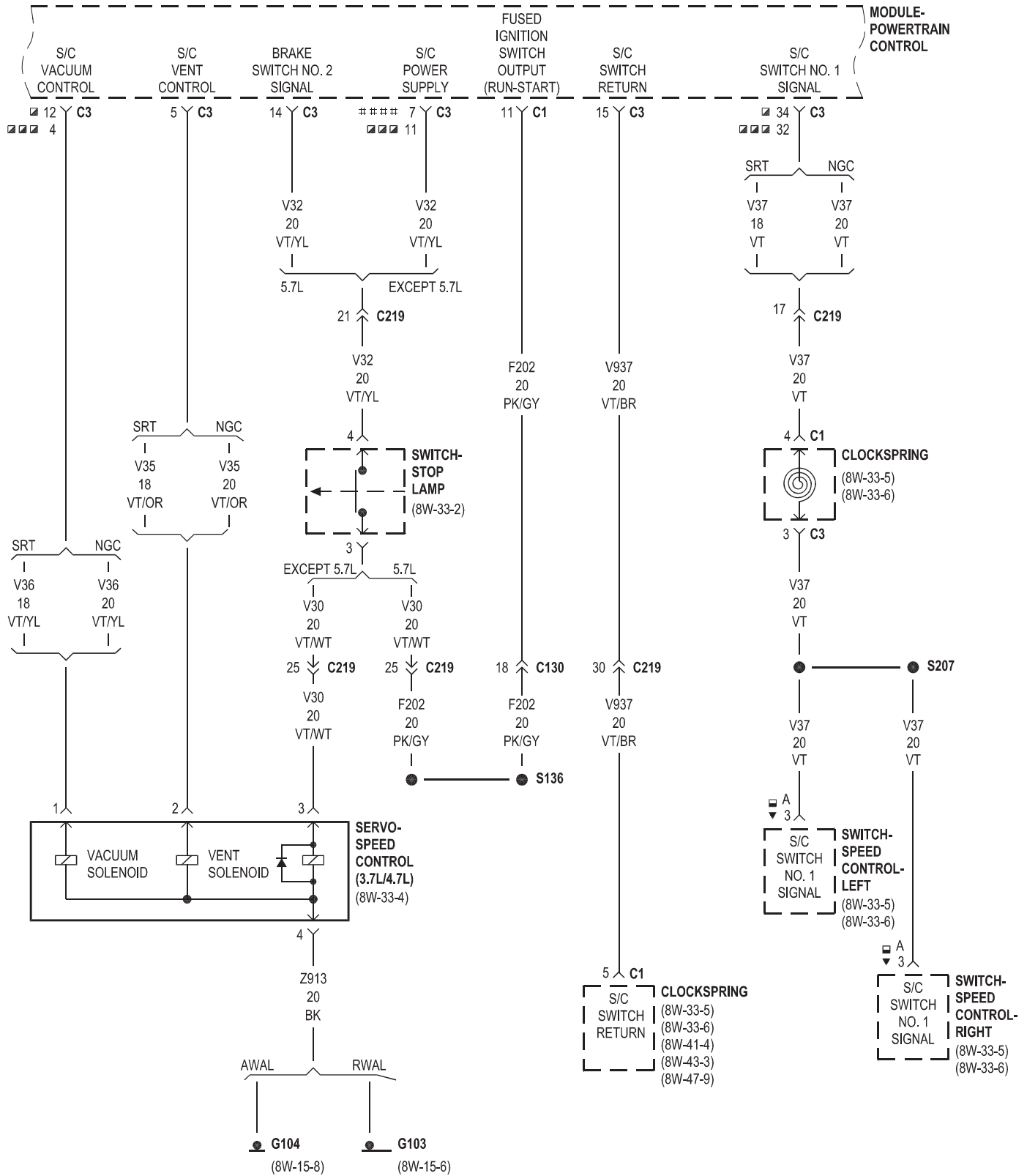


■ NGC

■ ■ ■ SRT

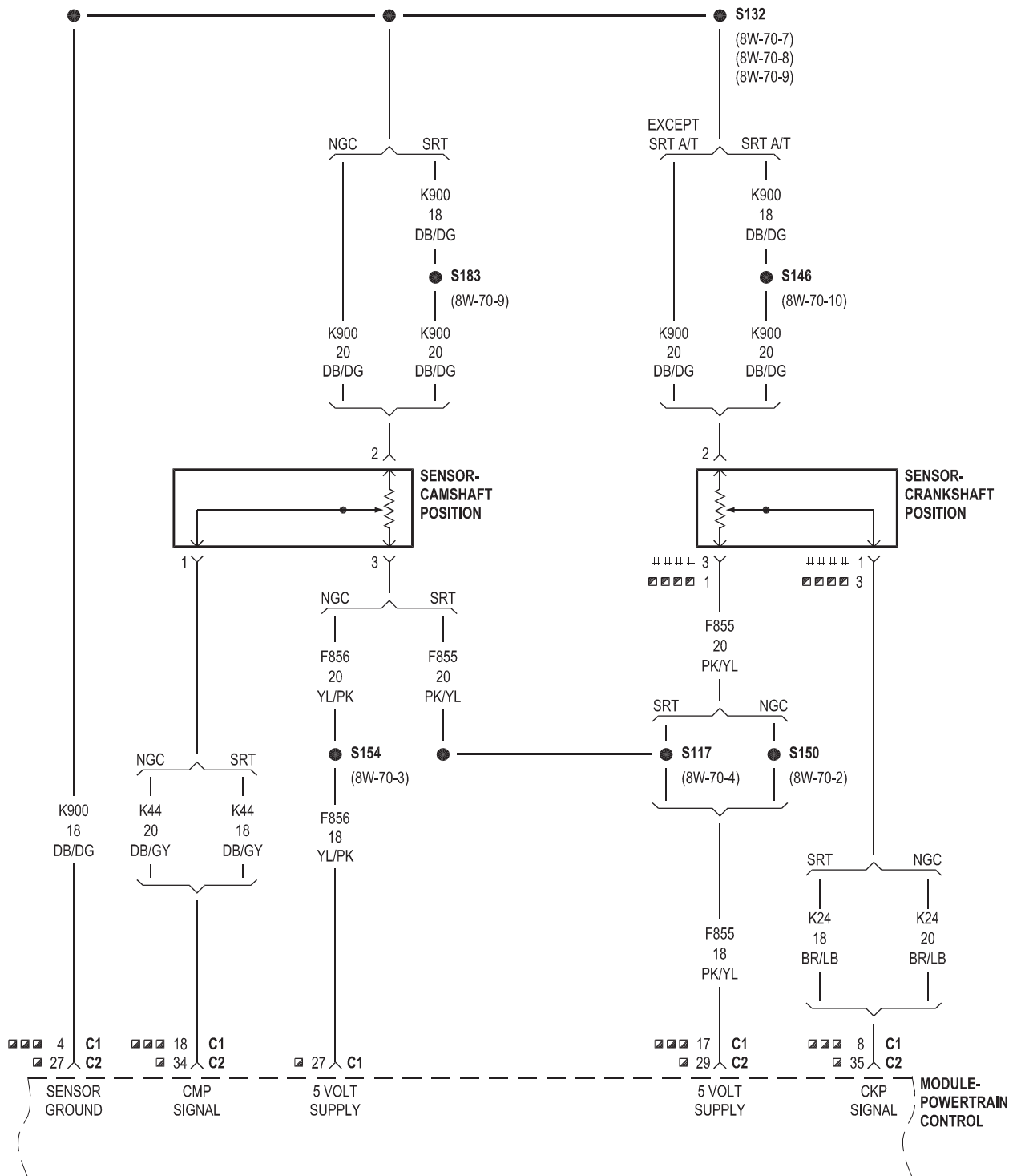
5.7L

DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 13 GAS





DR 8W-30 FUEL/IGNITION SYSTEM GAS 8W - 30 - 15

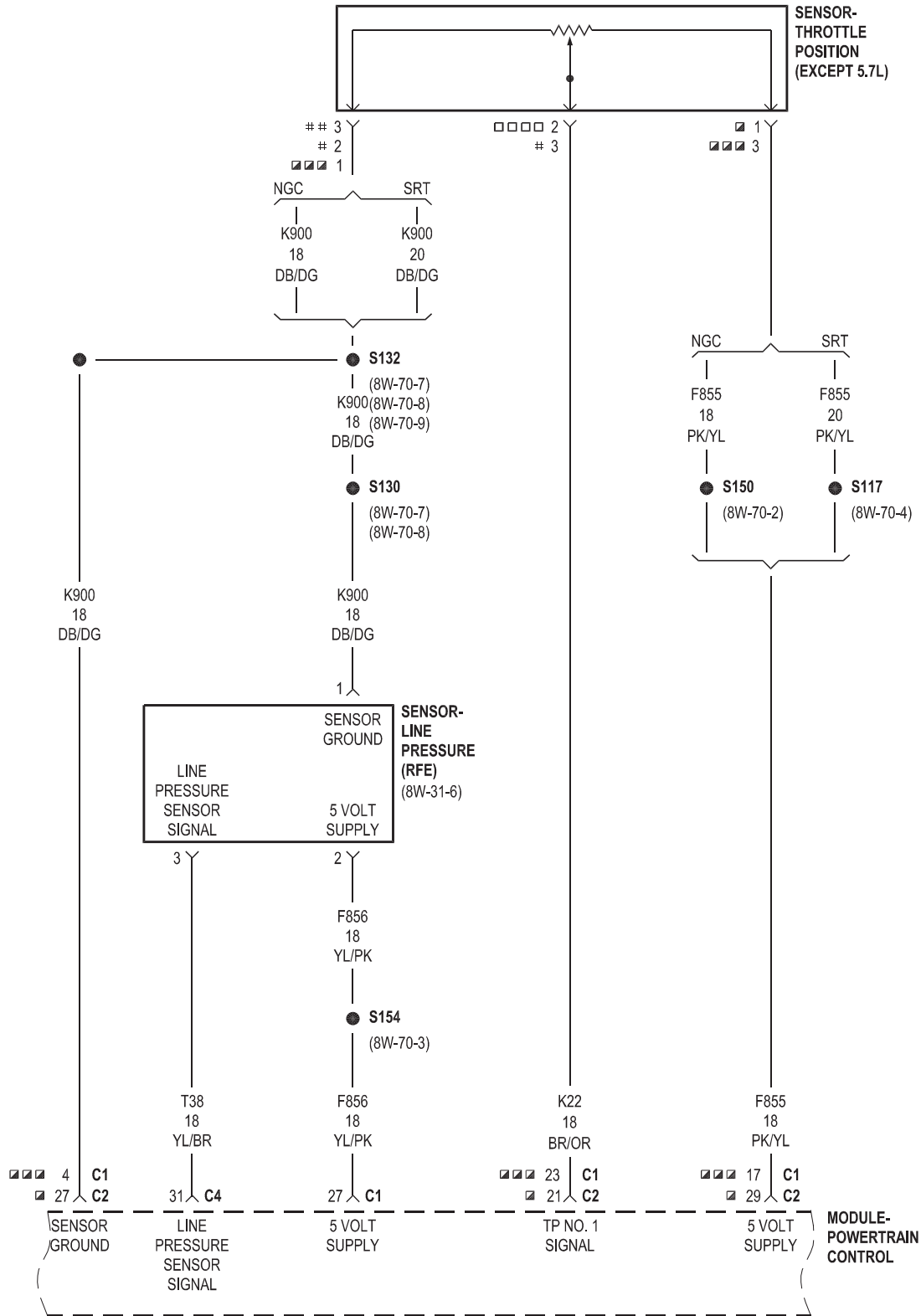


NGC

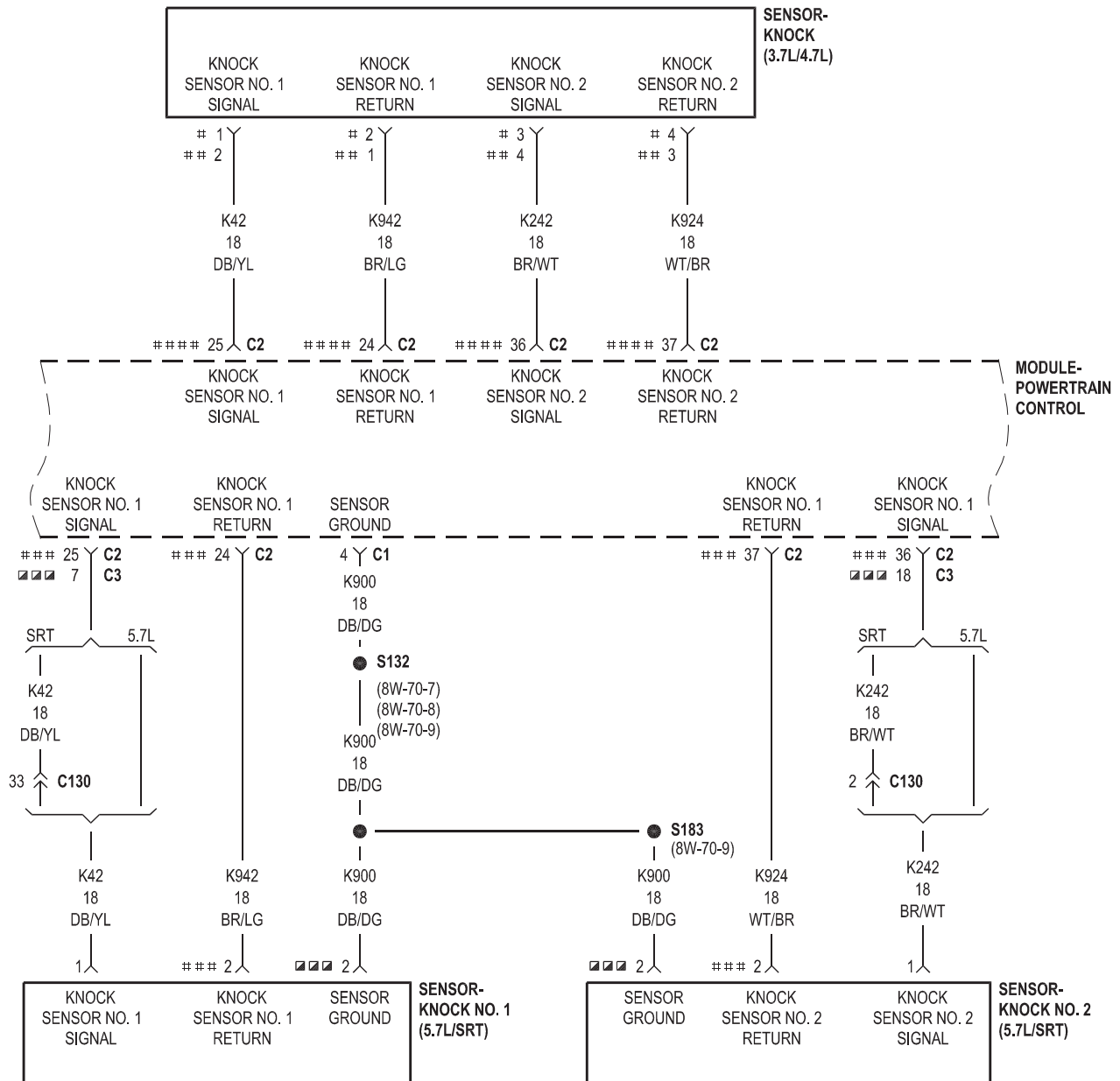
SRT

EXCEPT 3.7L/4.7L

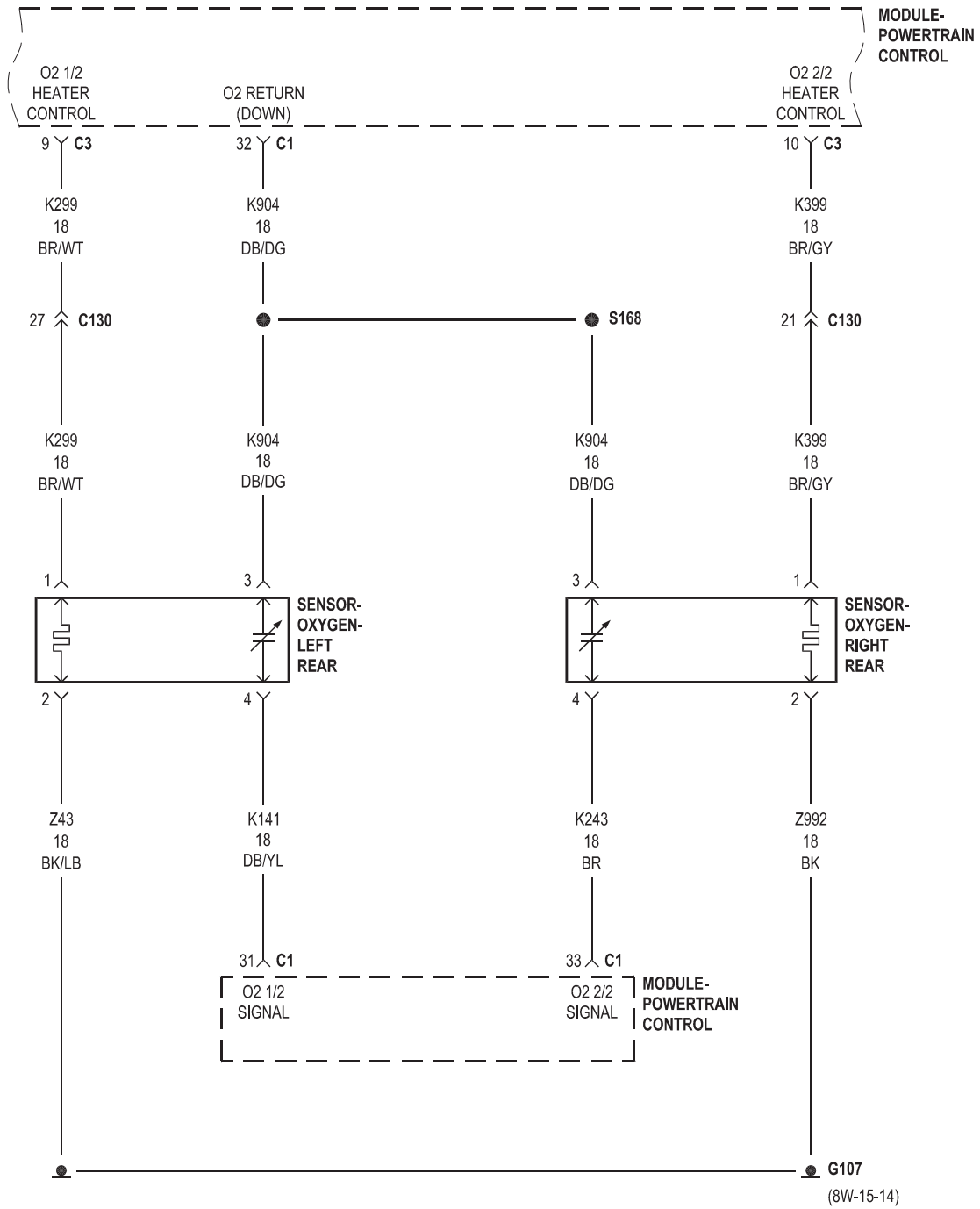
3.7L/4.7L



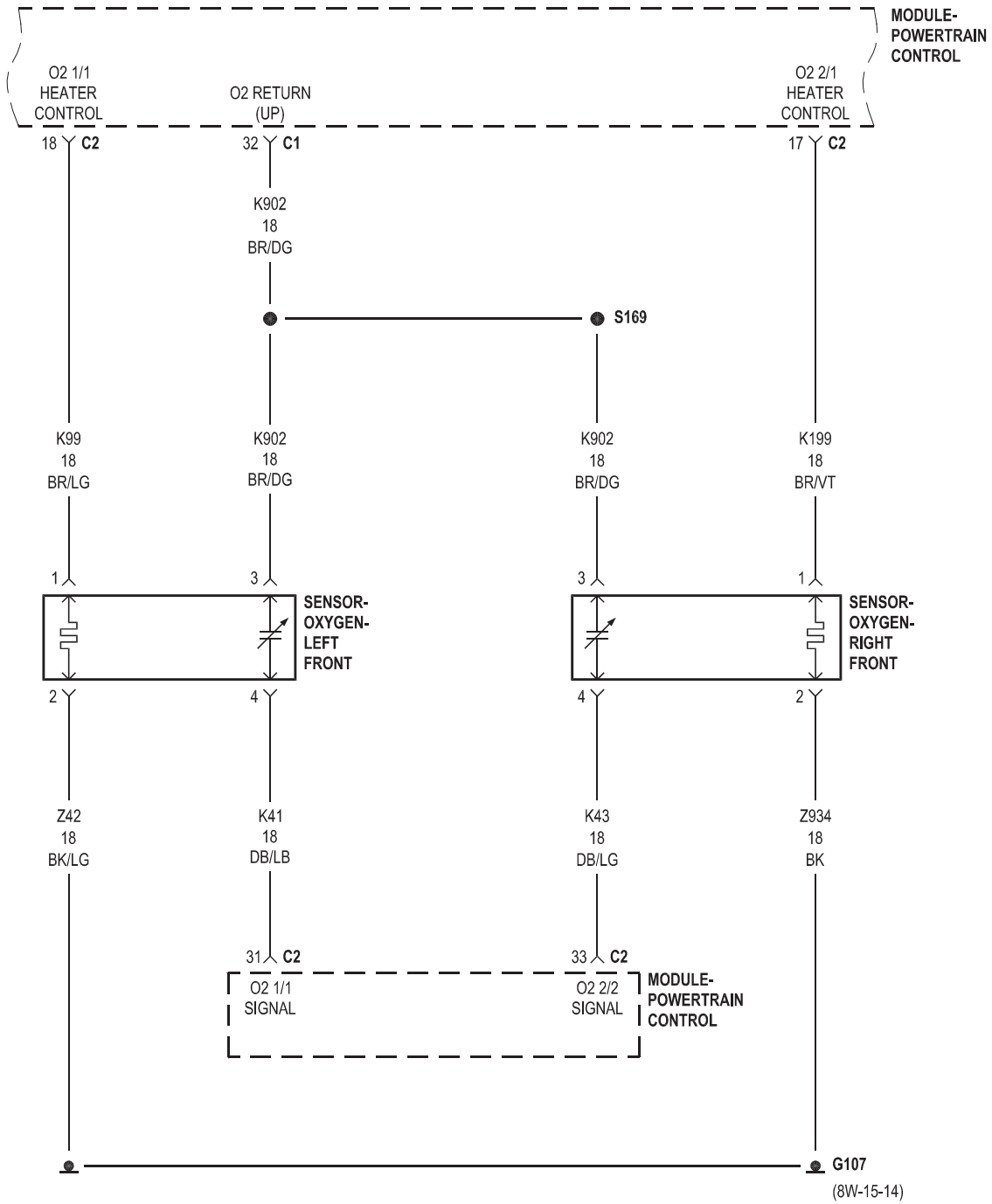
DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 17 GAS

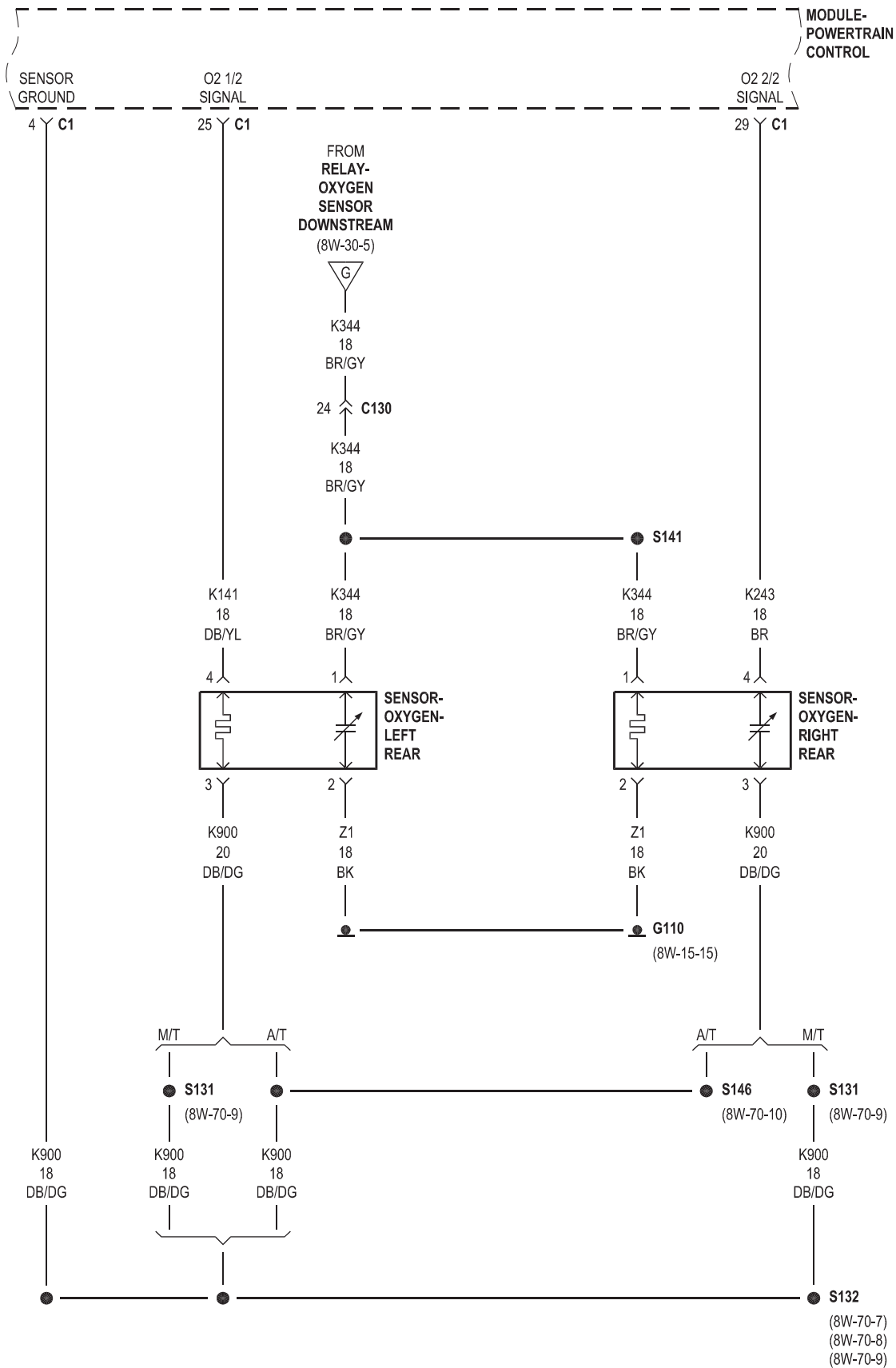


3.7L
4.7L
5.7L
3.7L/4.7L
SRT

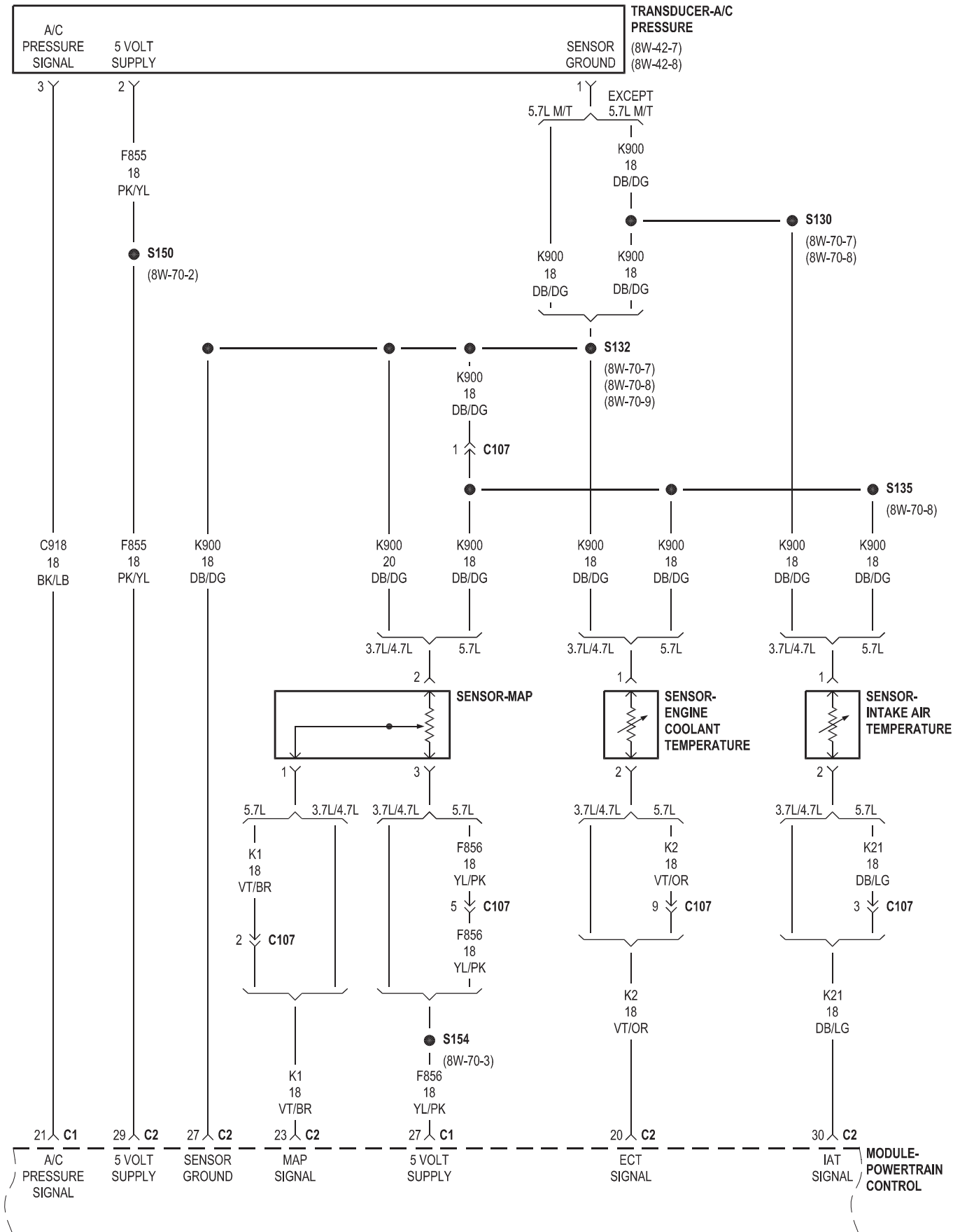


DR **8W-30 FUEL/IGNITION SYSTEM** **8W - 30 - 19**
NGC

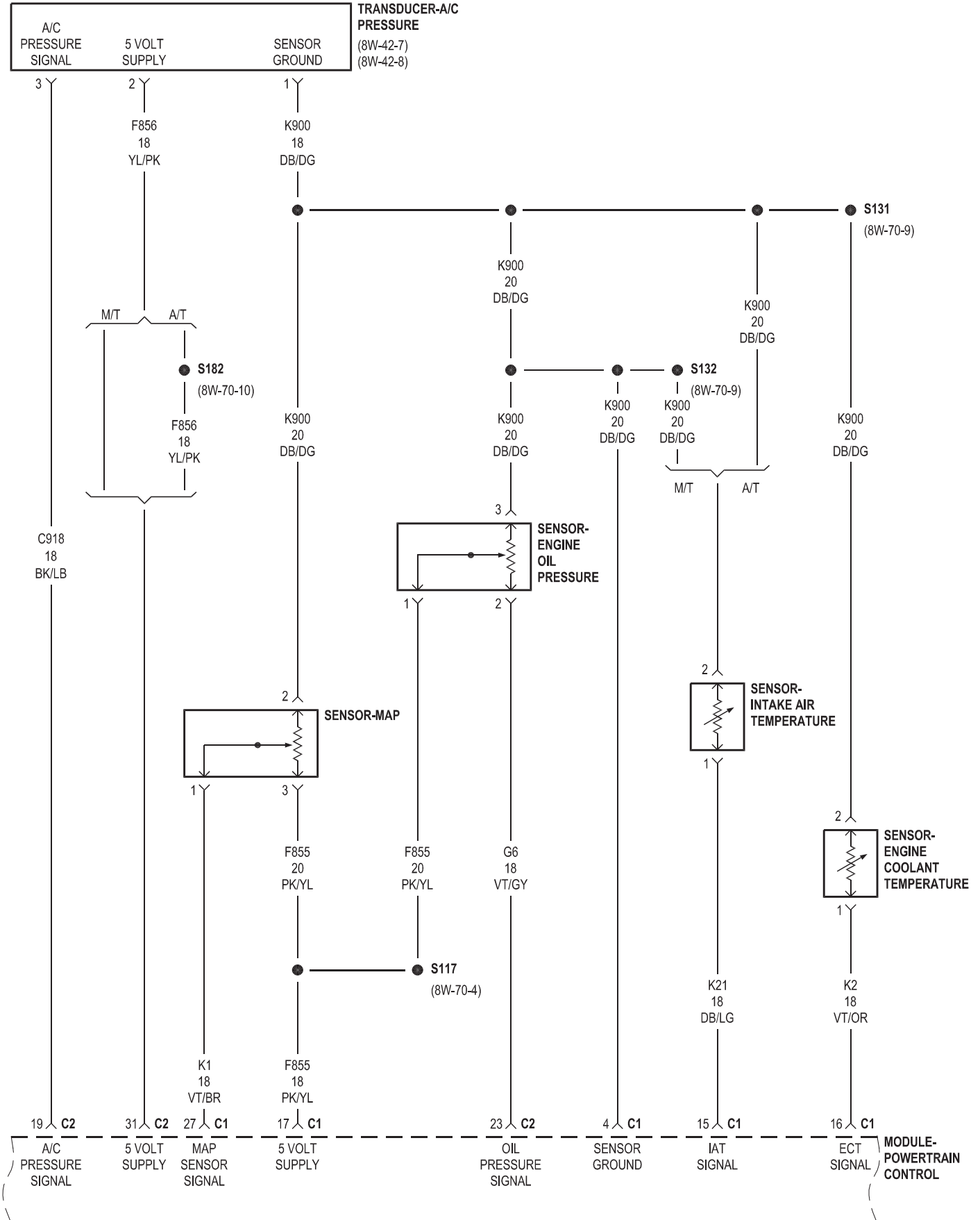


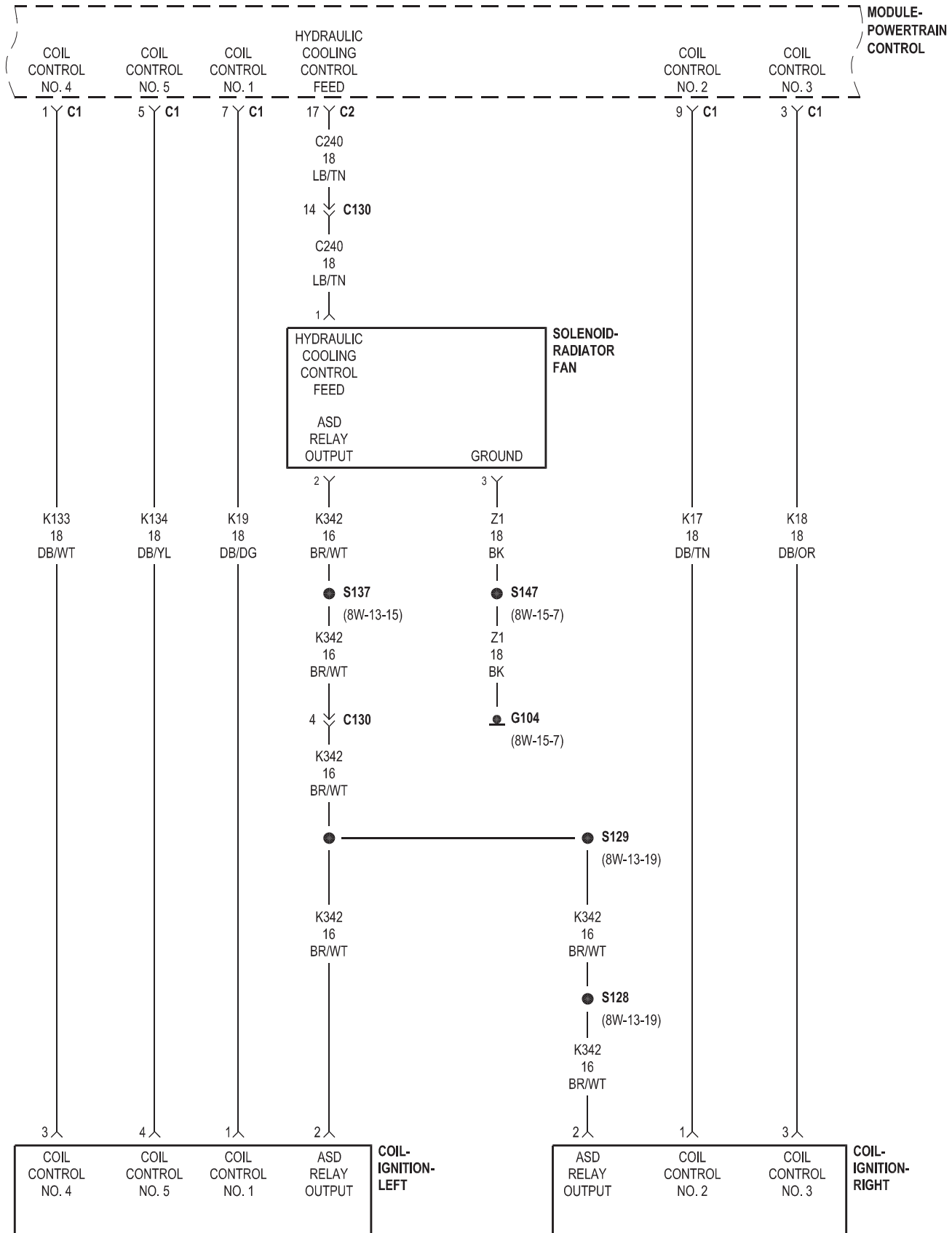




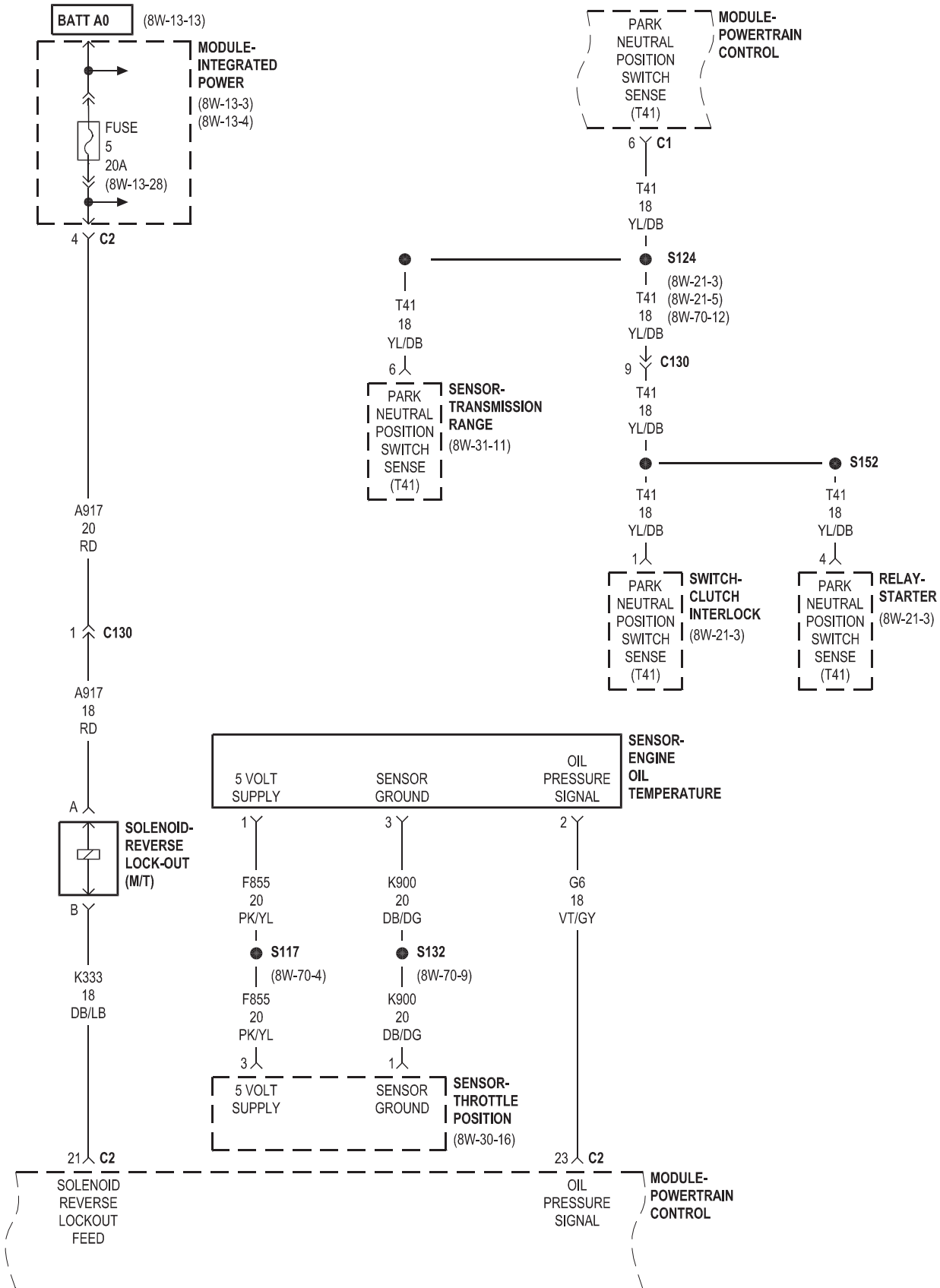


DR 8W-30 FUEL/IGNITION SYSTEM SRT 8W - 30 - 23

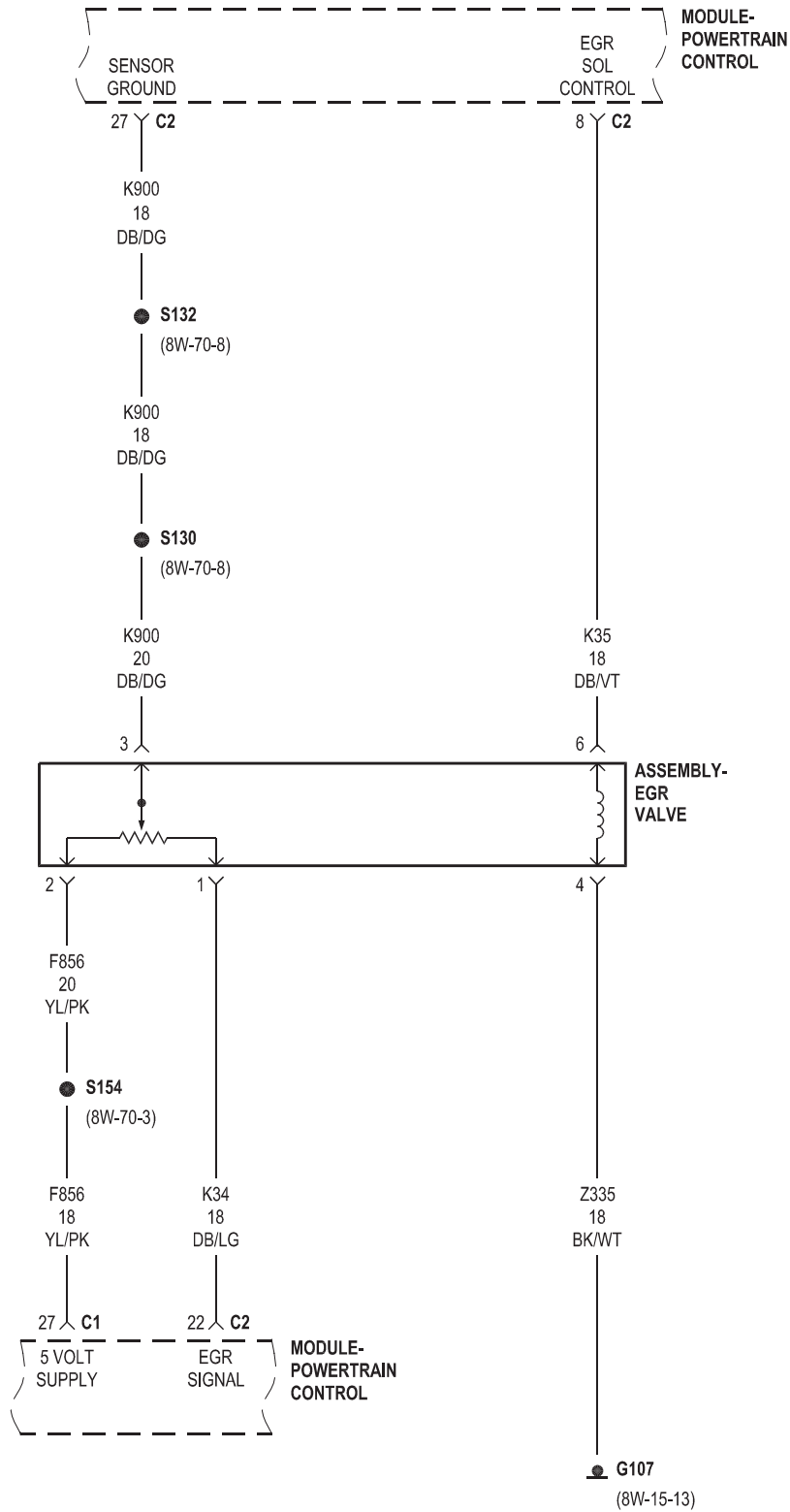




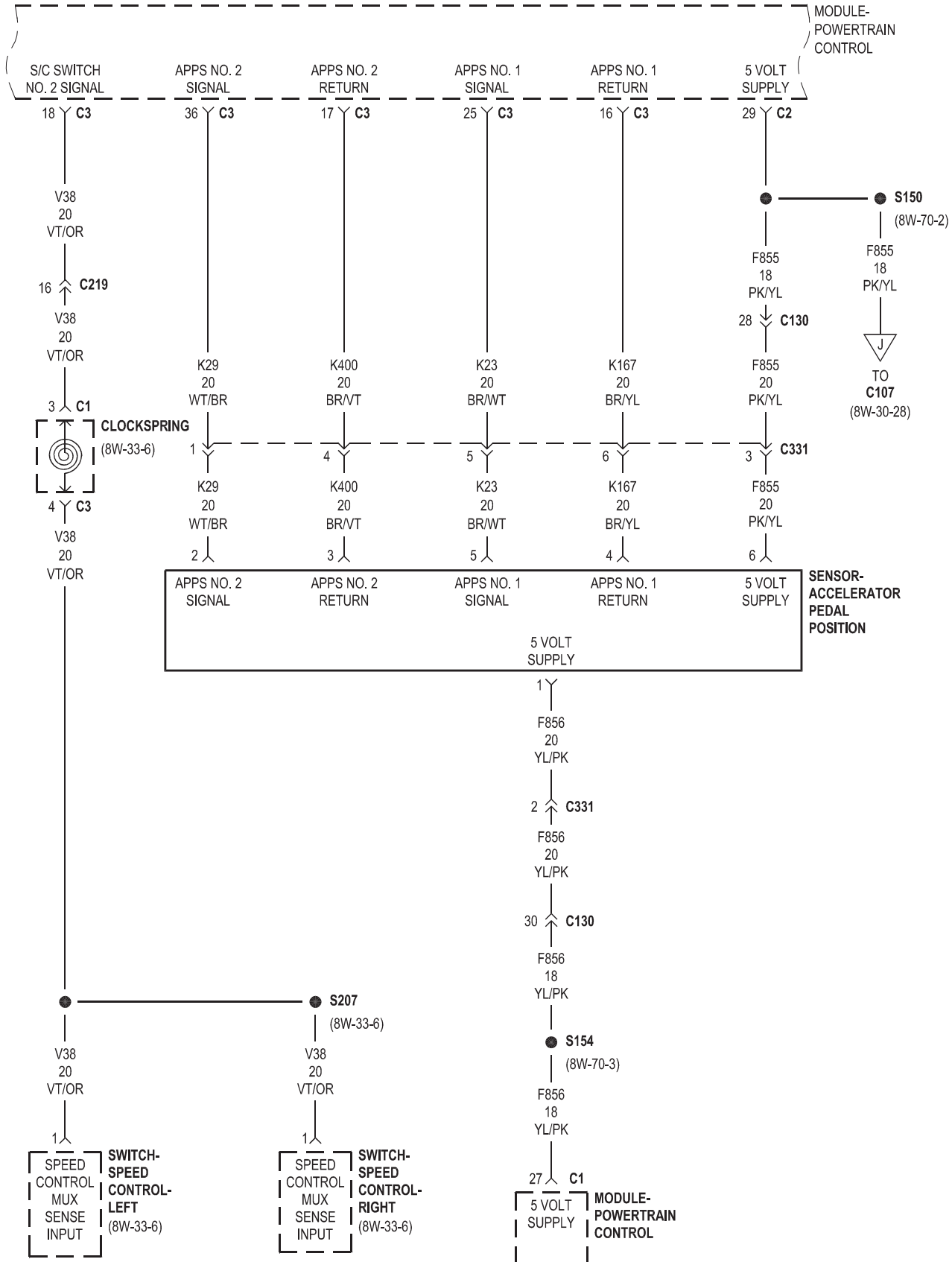
DR 8W-30 FUEL/IGNITION SYSTEM SRT 8W - 30 - 25

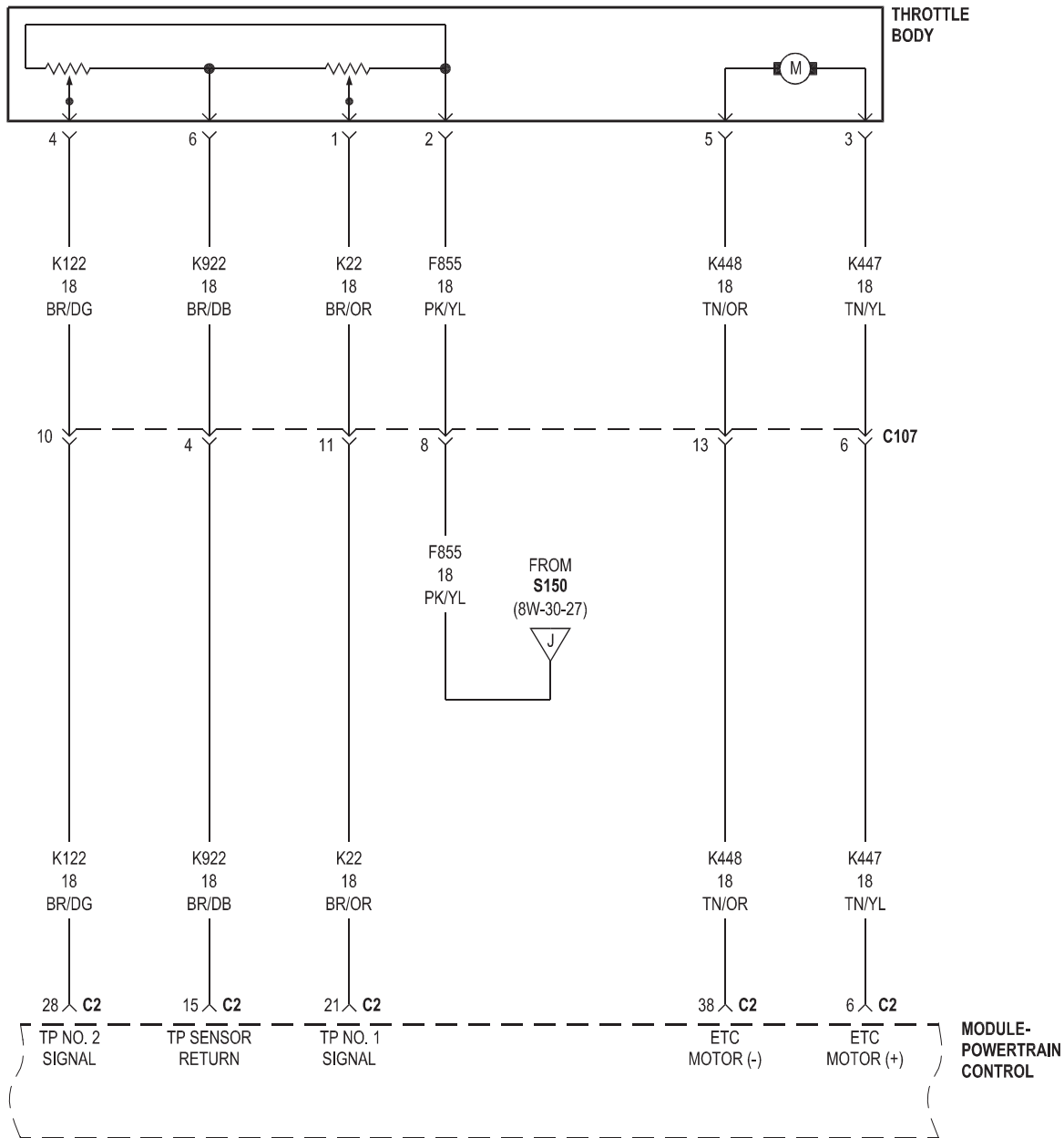


5.7L LD

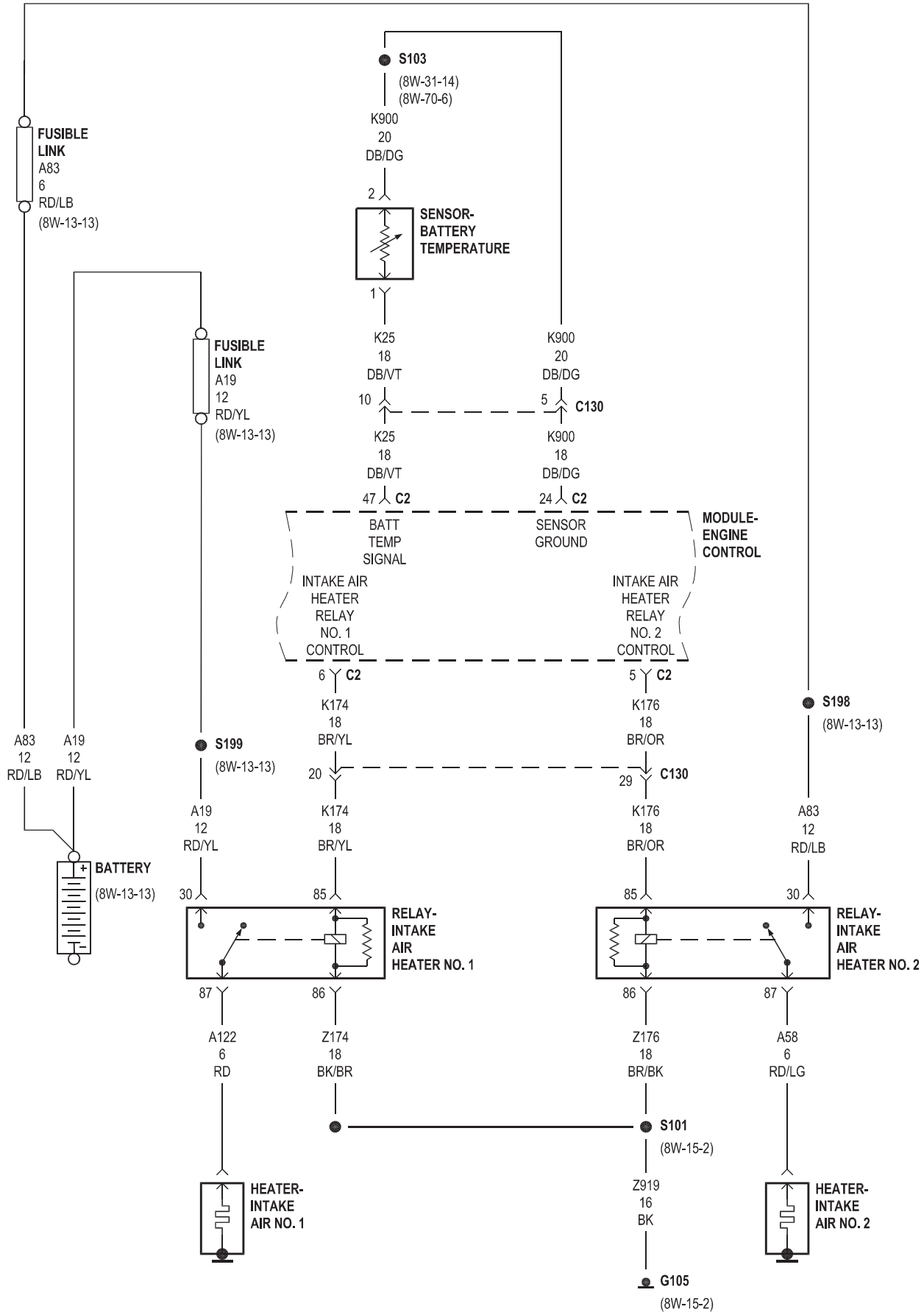


DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 27 5.7L ETC





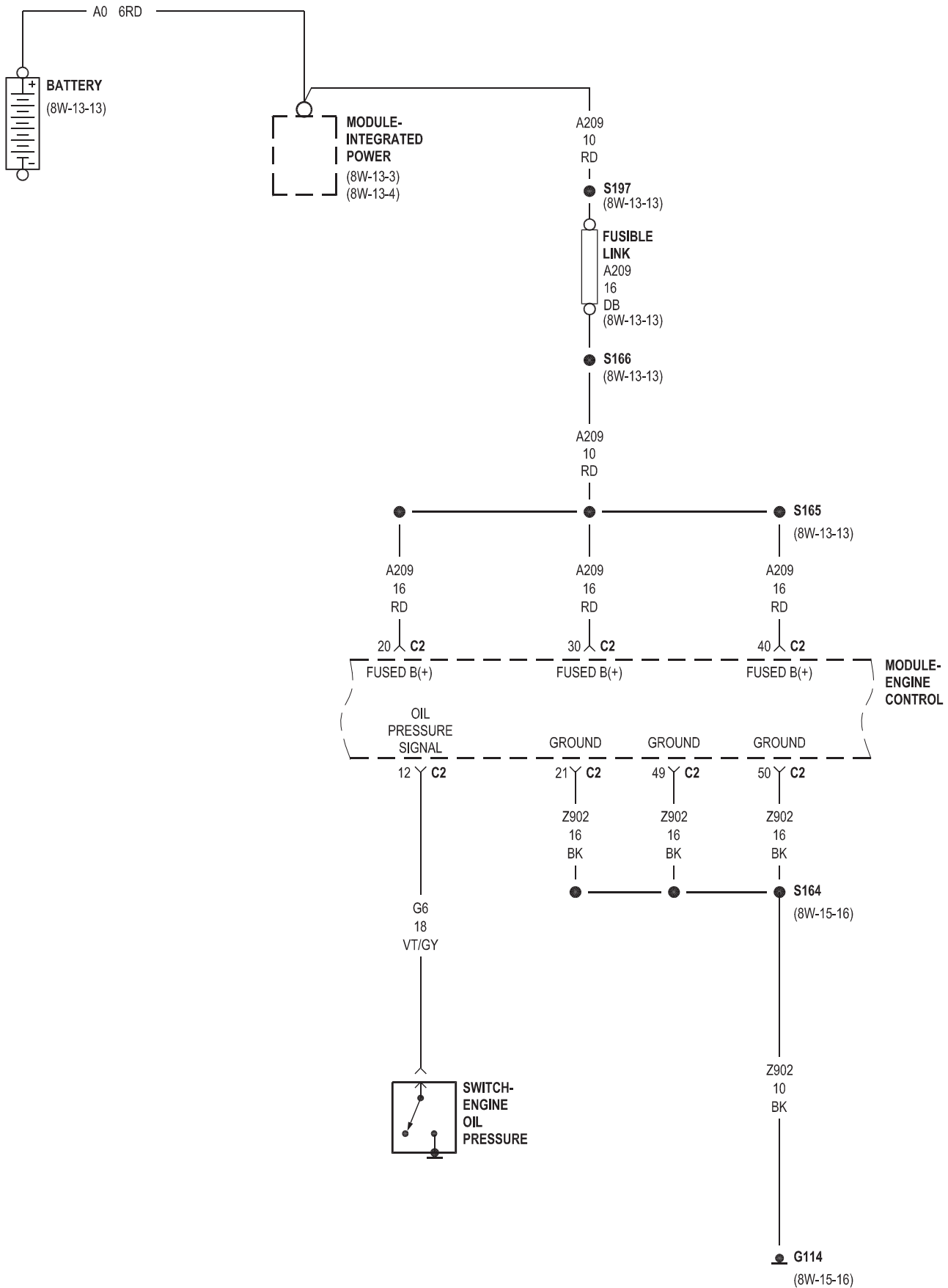
DR 8W-30 FUEL/IGNITION SYSTEM DIESEL 8W - 30 - 29



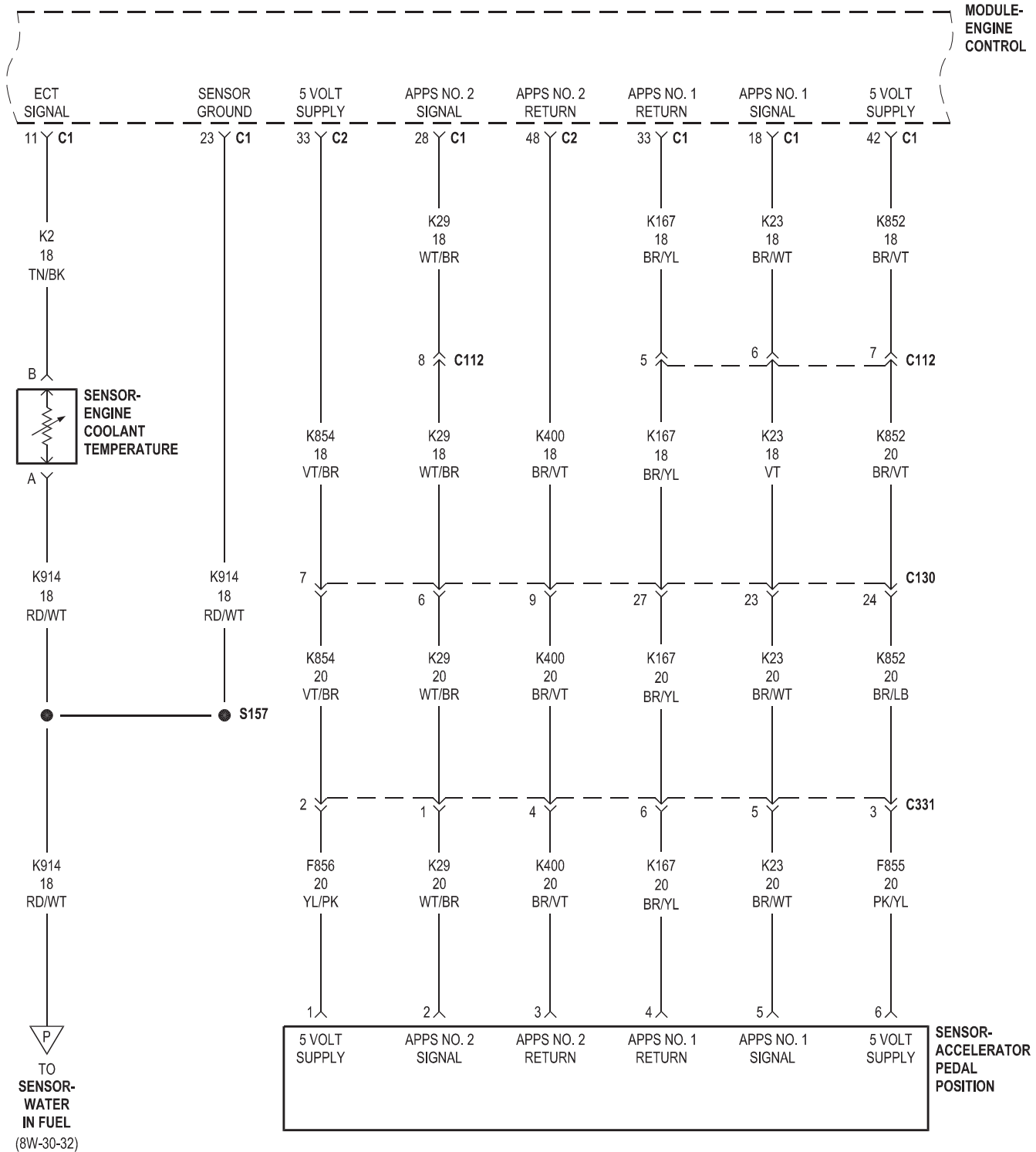
8W - 30 - 30

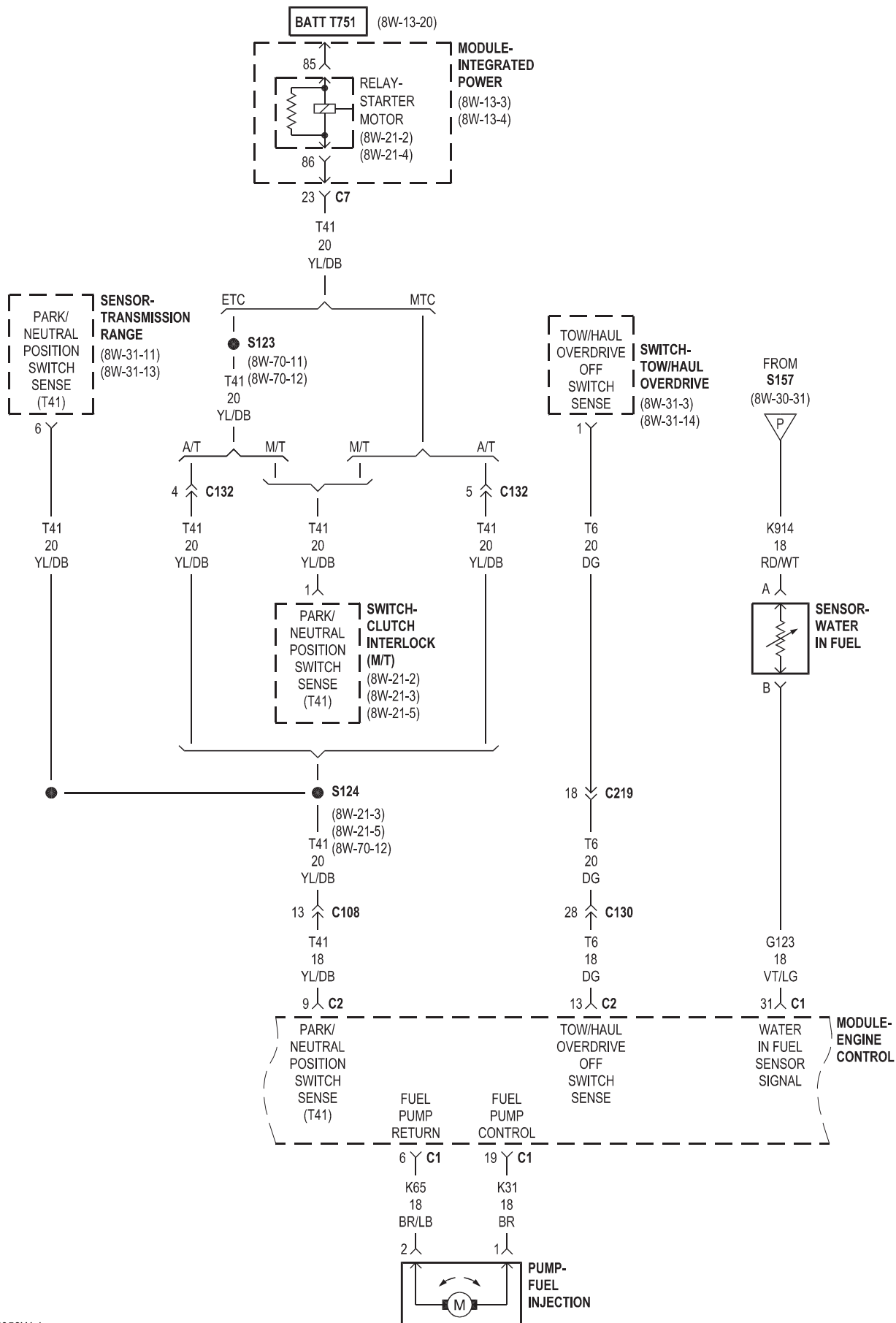
8W-30 FUEL/IGNITION SYSTEM DIESEL

DR

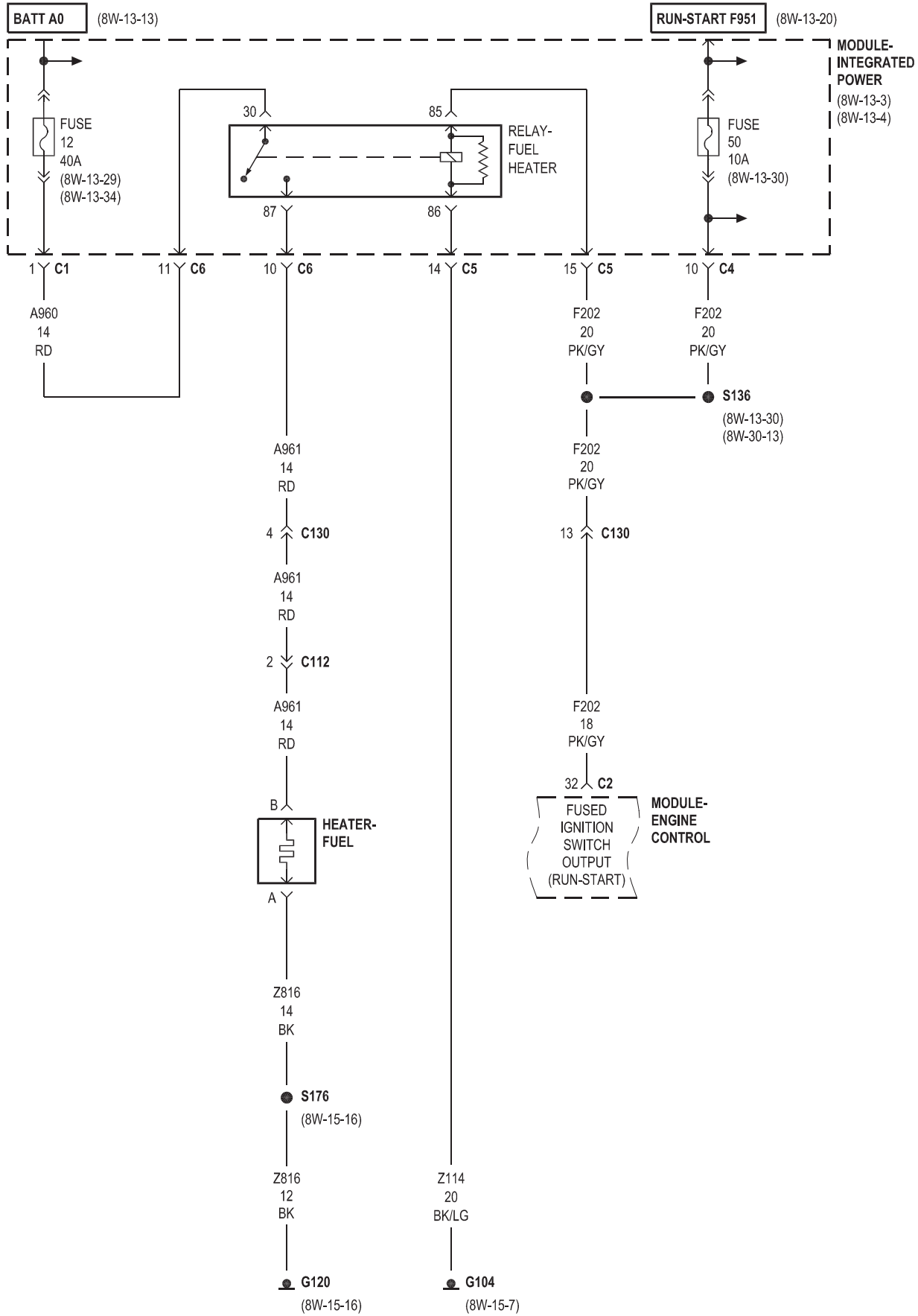


DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 31 DIESEL



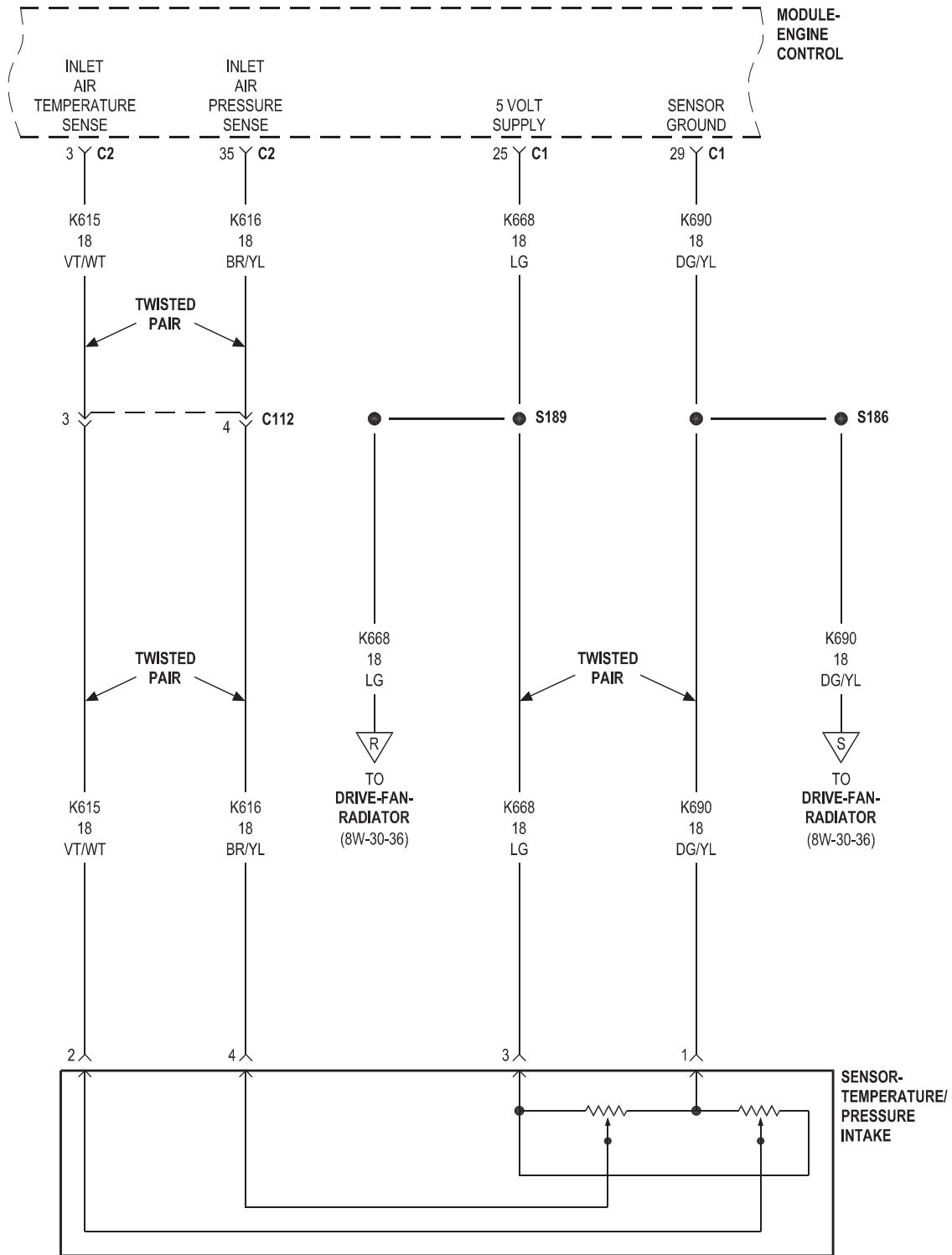


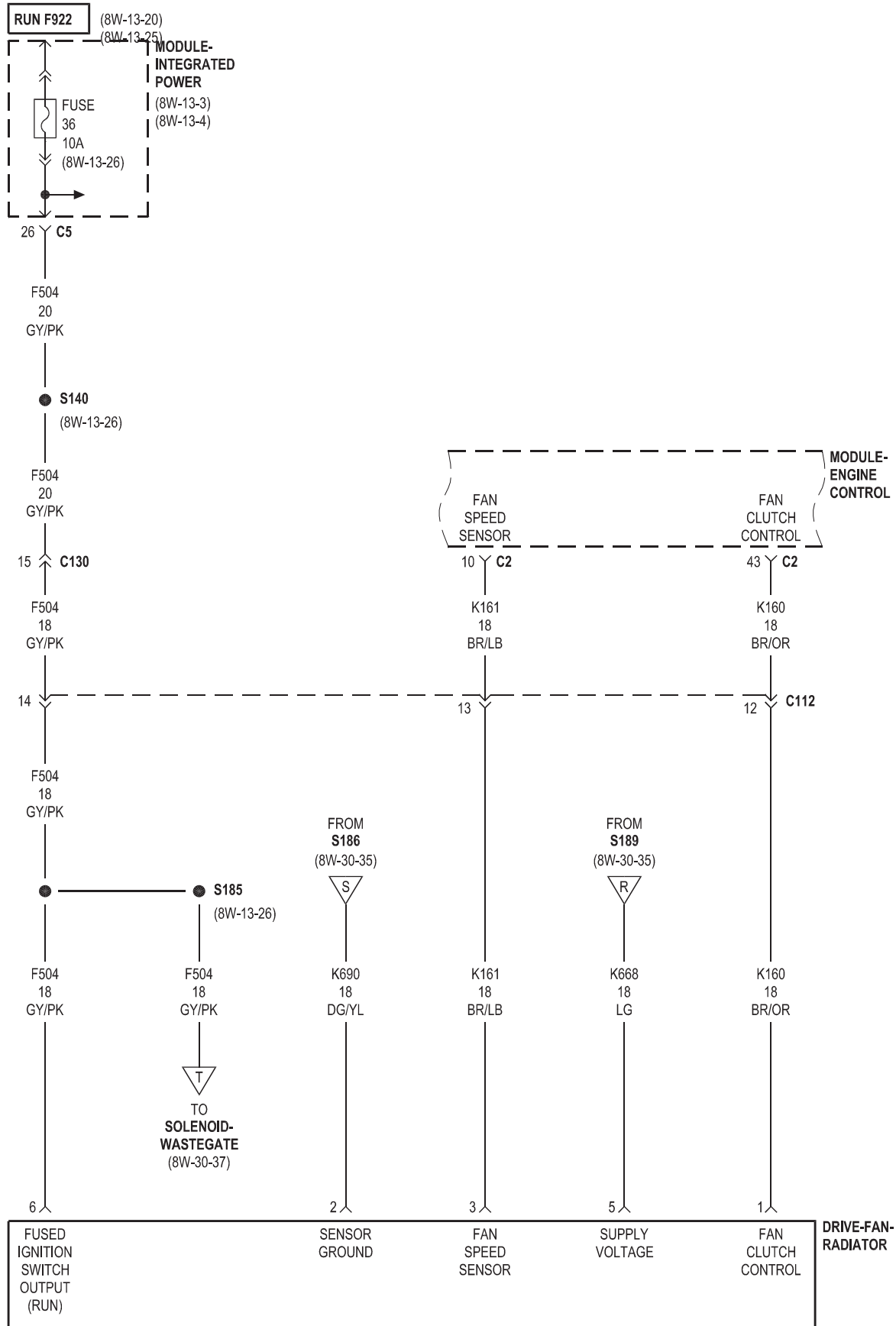
DR 8W-30 FUEL/IGNITION SYSTEM DIESEL 8W - 30 - 33



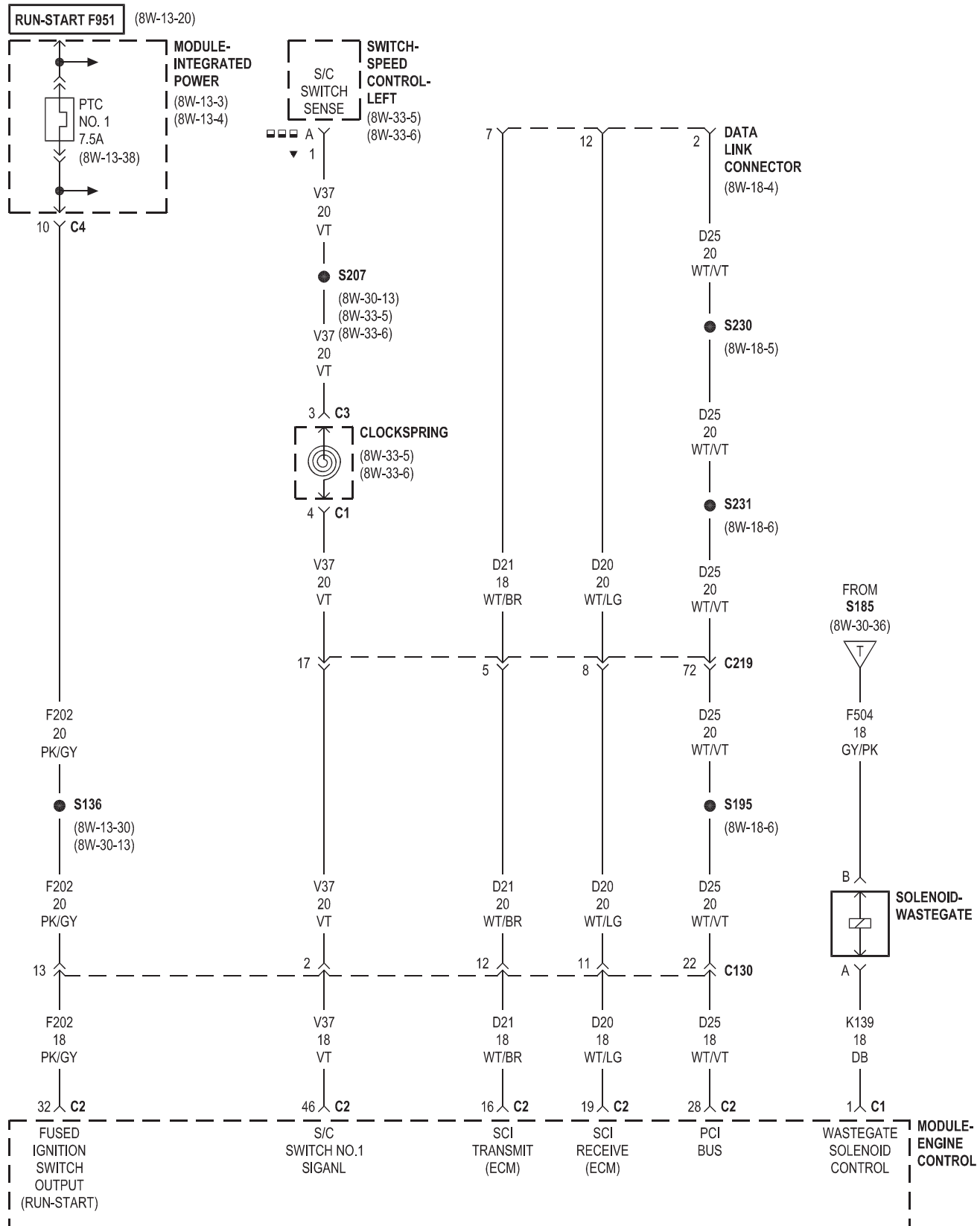


DR 8W-30 FUEL/IGNITION SYSTEM DIESEL 8W - 30 - 35

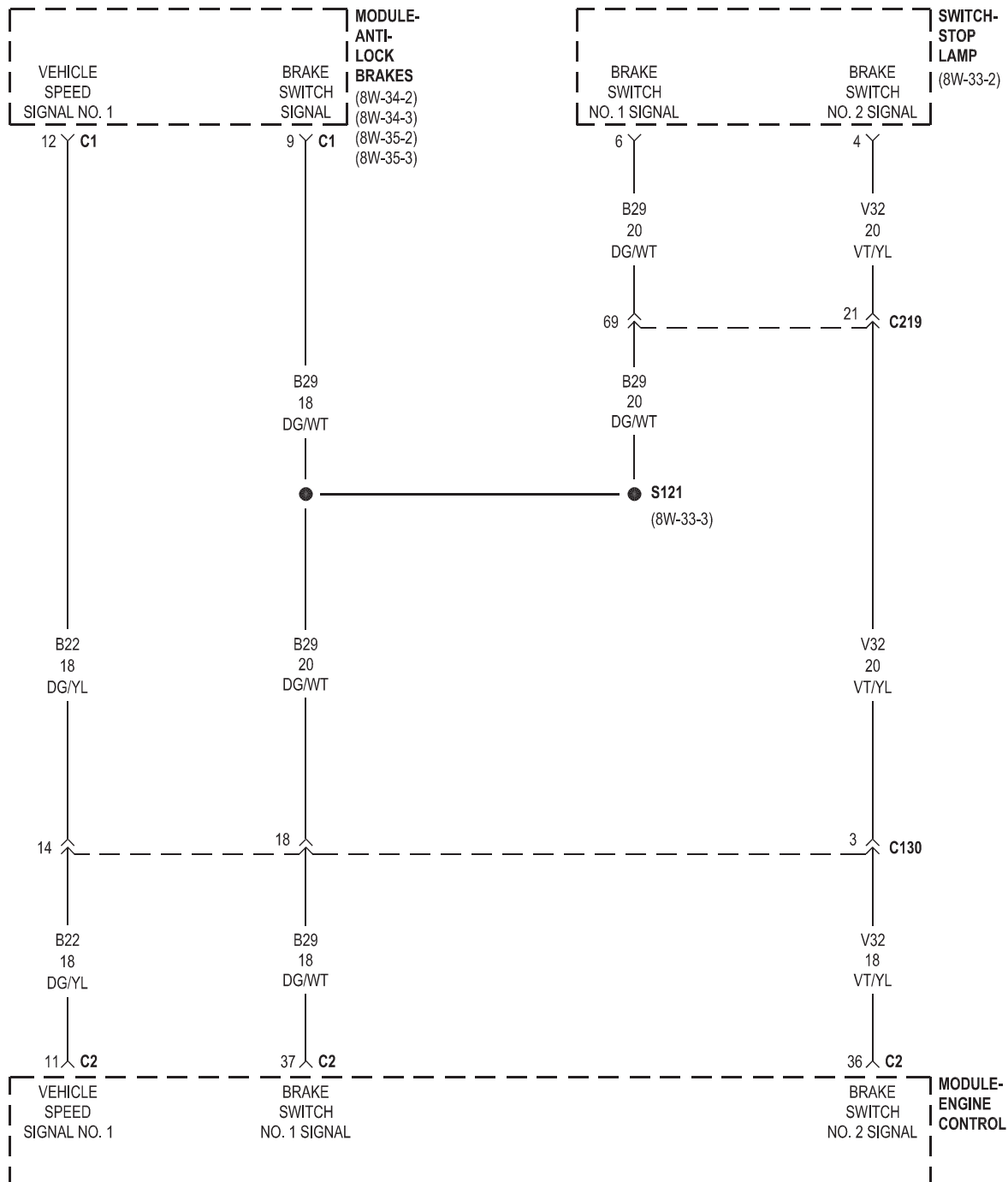




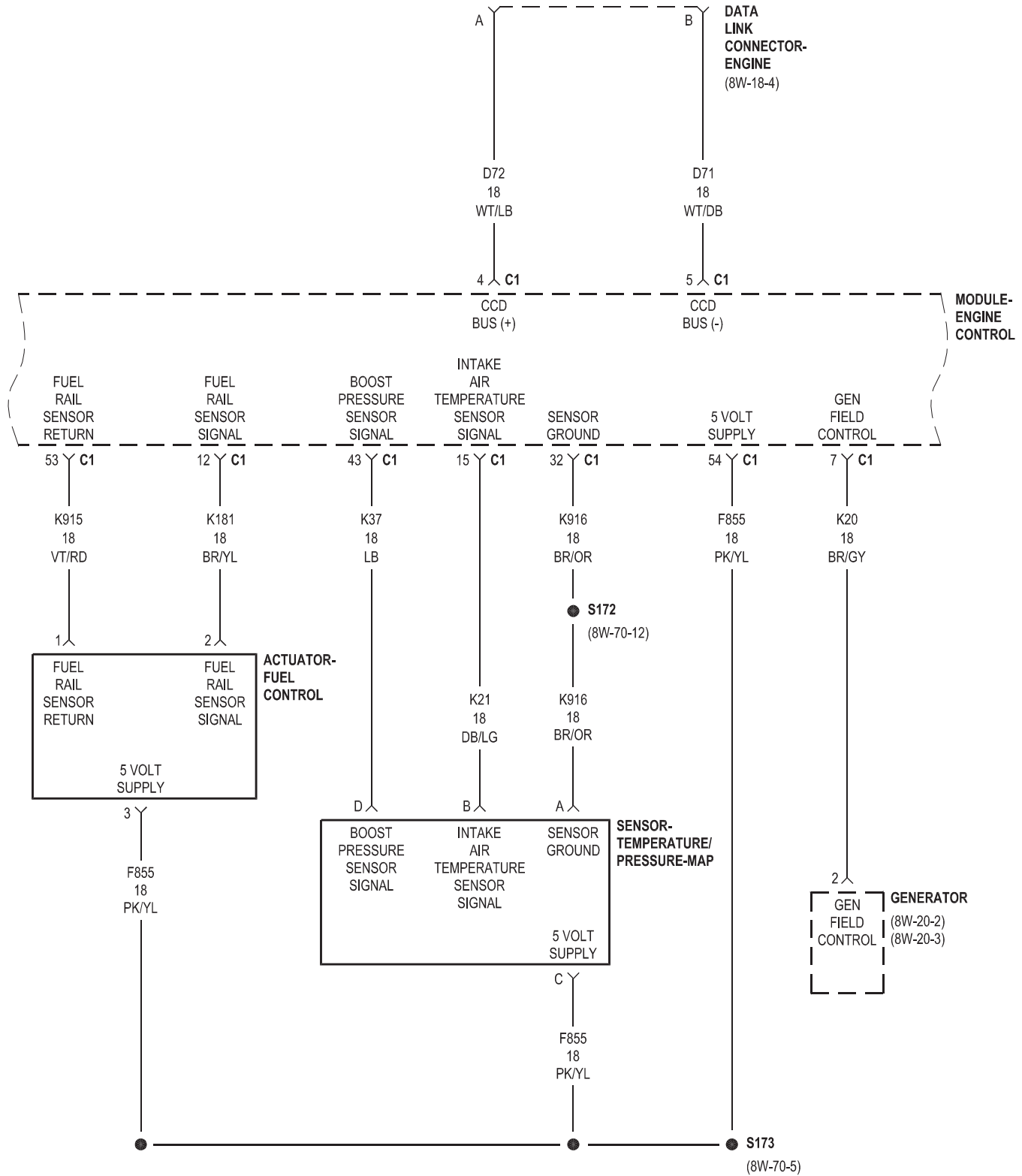
DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 37 DIESEL

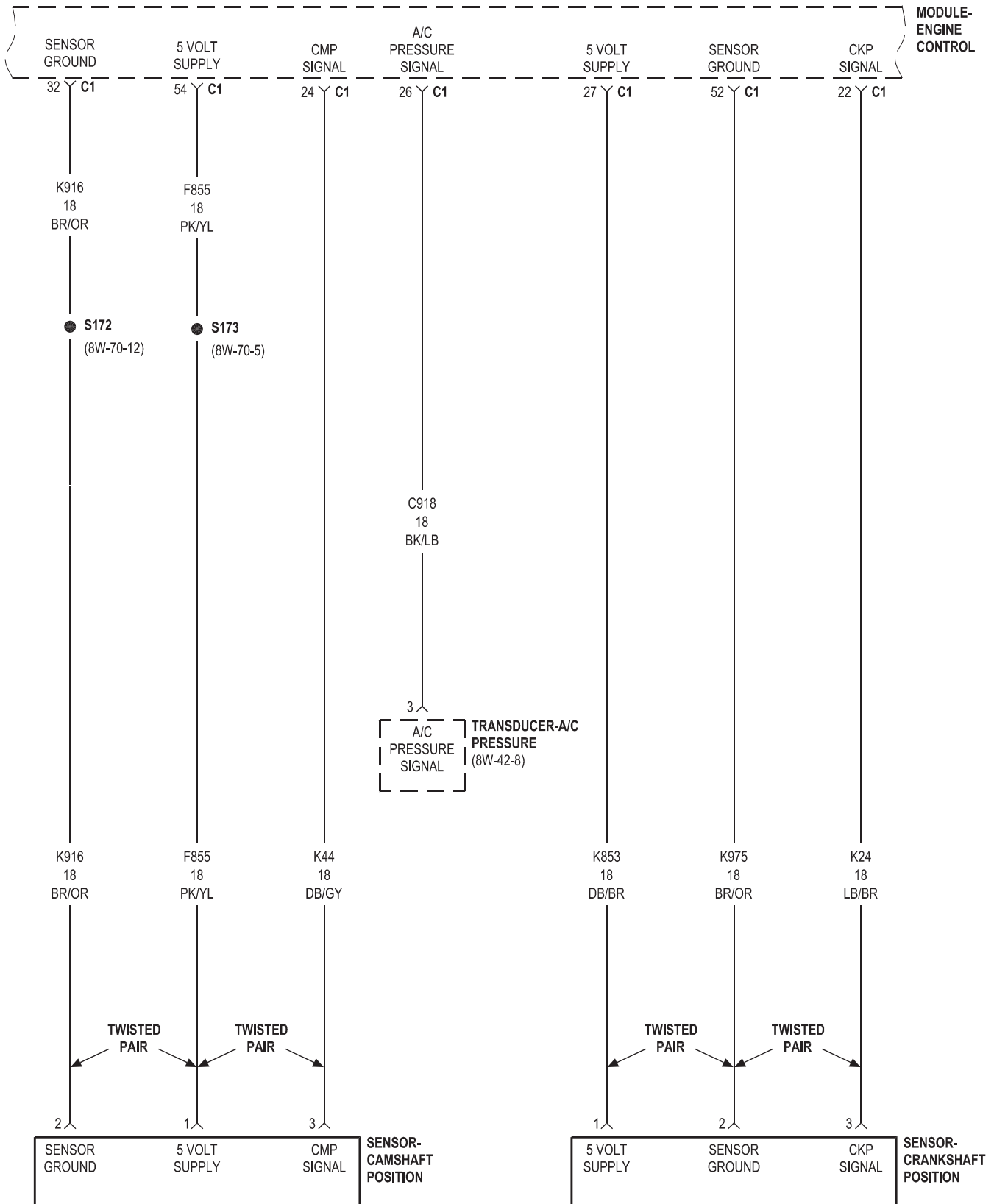


▼ ETC
 ■ ■ ■ MTC

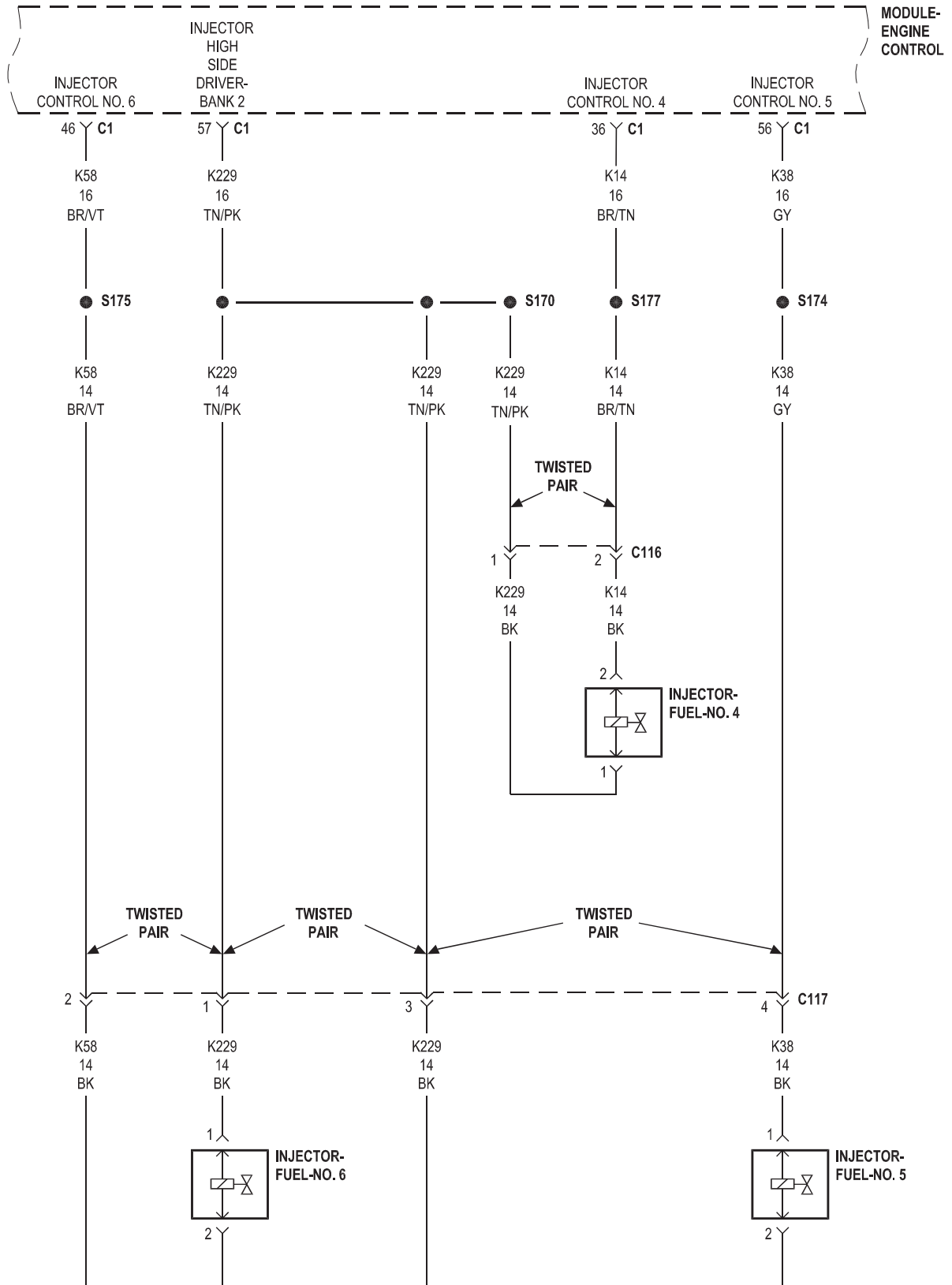


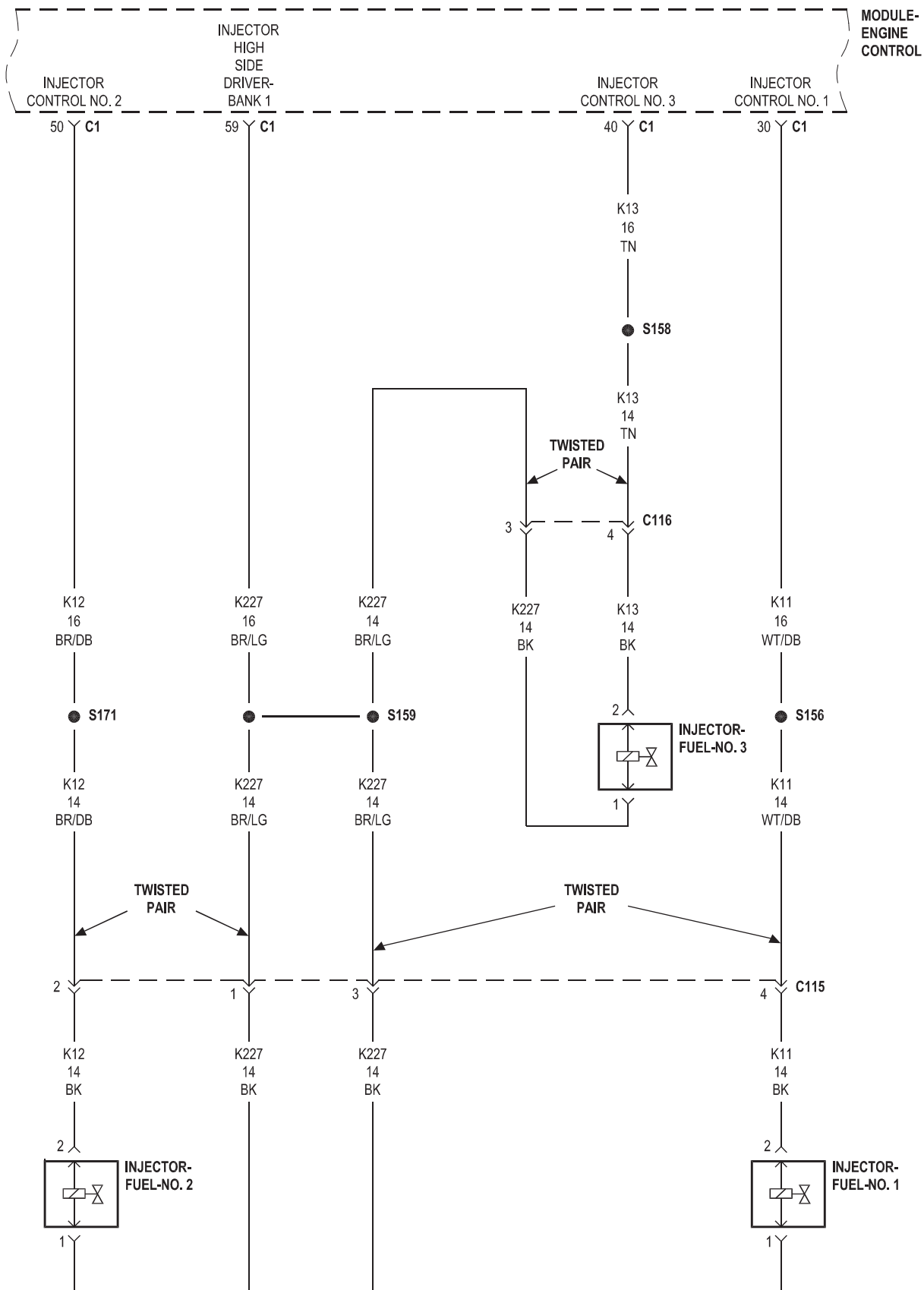
DR 8W-30 FUEL/IGNITION SYSTEM 8W - 30 - 39 DIESEL



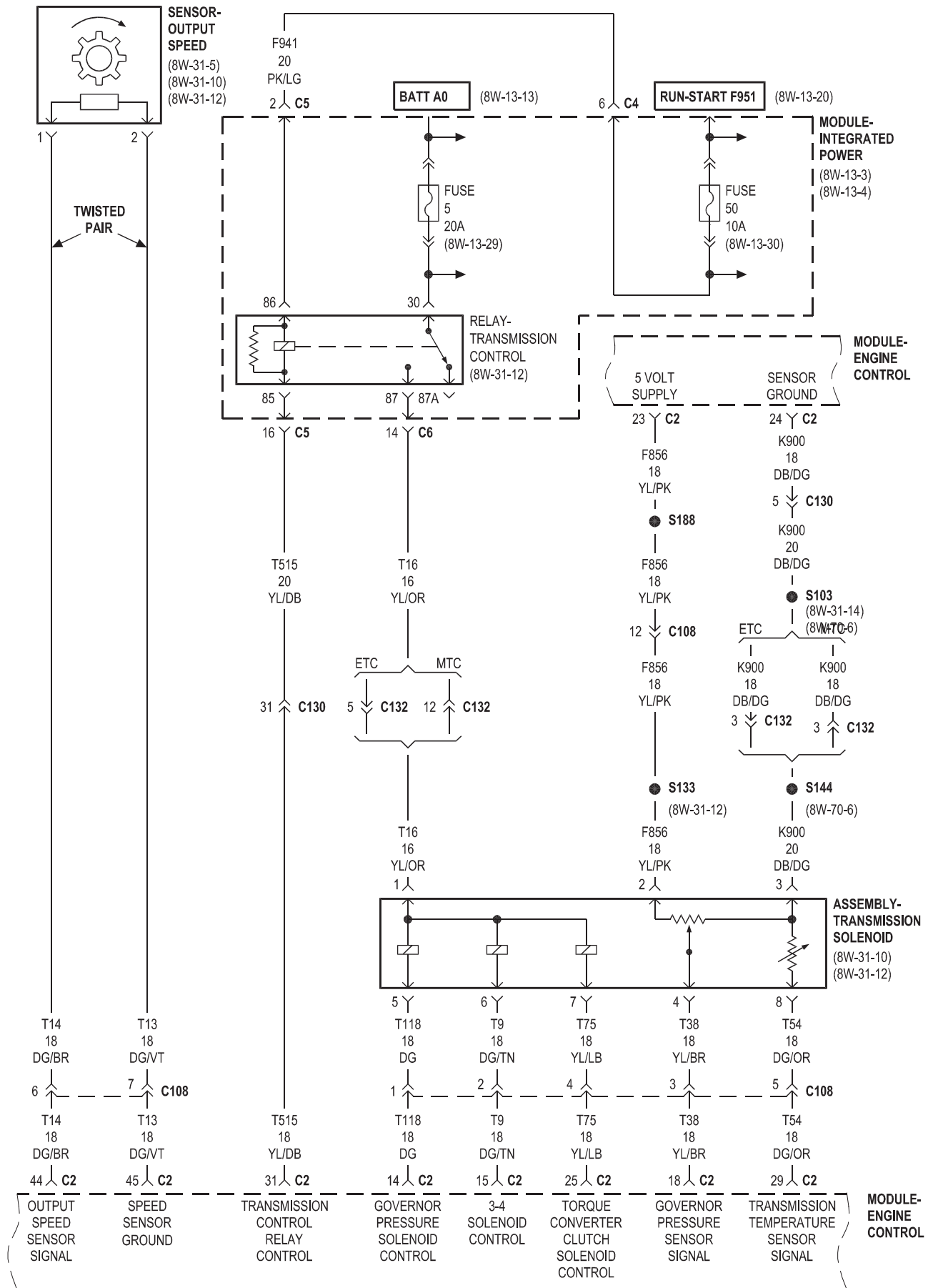


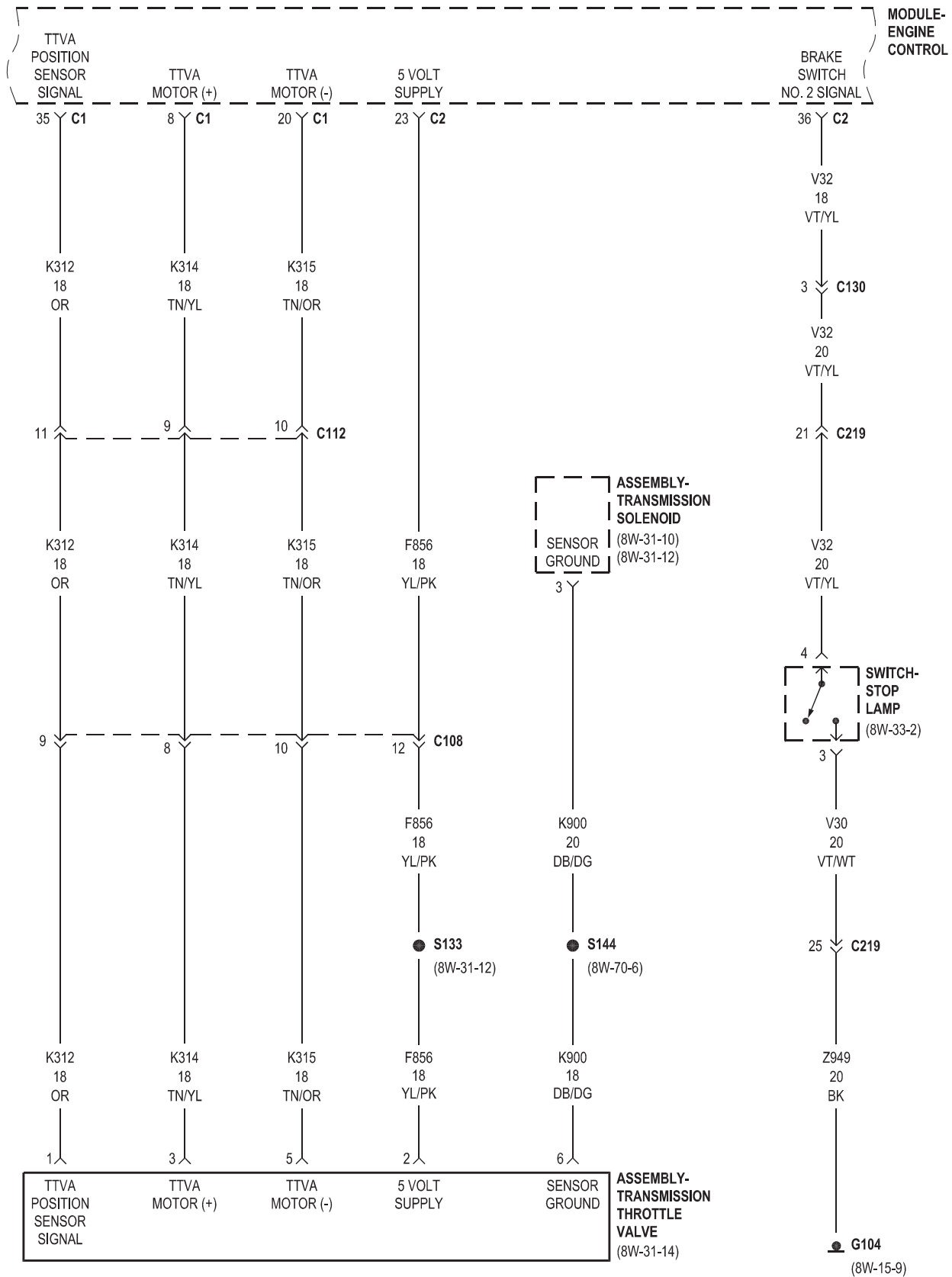
DR 8W-30 FUEL/IGNITION SYSTEM DIESEL 8W - 30 - 41





DR 8W-30 FUEL/IGNITION SYSTEM DIESEL A/T 8W - 30 - 43

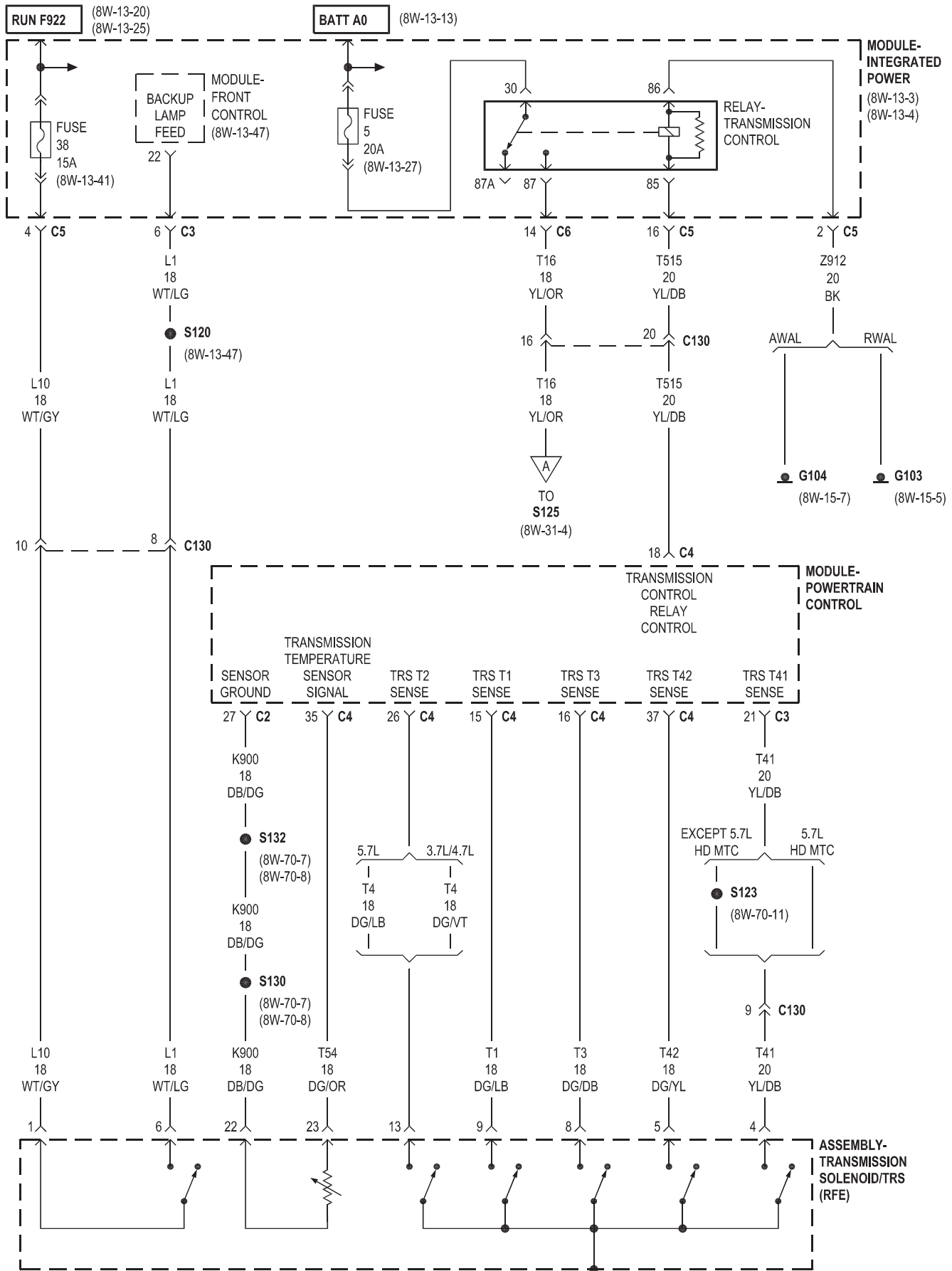




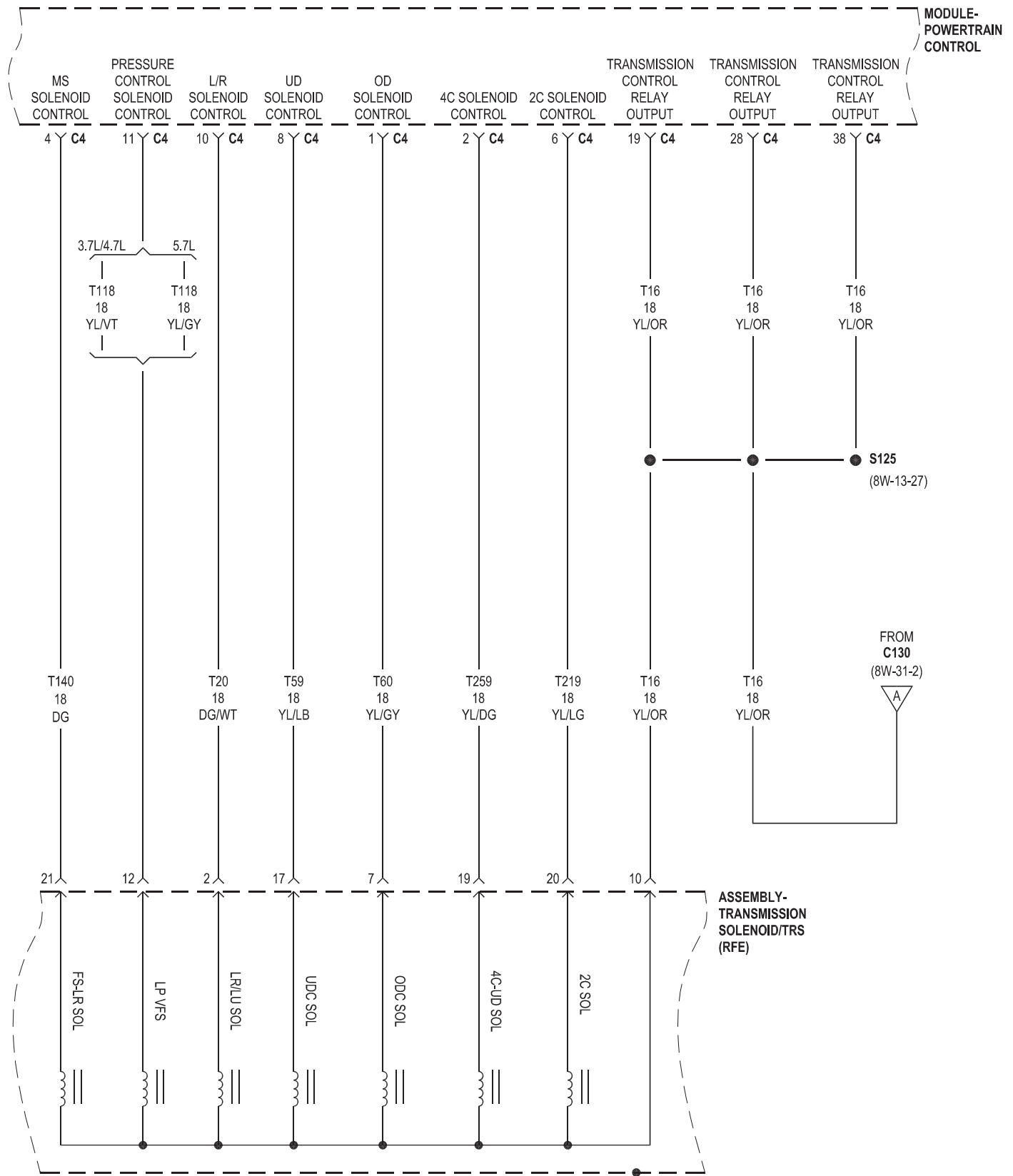
8W-31 TRANSMISSION CONTROL SYSTEM

Component	Page	Component	Page
Assembly-Shift Motor/Mode		Module-Integrated	
Sensor	8W-31-16, 17, 18	Power	8W-31-2, 7, 10, 11, 12, 13, 15, 19
Assembly-Transmission		Module-Powertrain Control	8W-31-15
Solenoid	8W-31-10, 12, 14	Module-Powertrain	
Assembly-Transmission		Control	8W-31-2, 3, 4, 5, 6, 10, 11
Solenoid/TRS	8W-31-2, 3, 4	Module-Transfer Case	
Assembly-Transmission		Control	8W-31-15, 16, 17, 18, 19
Throttle Valve	8W-31-12, 14	PTC No. 1	8W-31-7
Clockspring	8W-31-14	Relay-Starter Motor	8W-31-15
Cluster	8W-31-8, 11, 13, 19	Relay-Transmission Control	8W-31-2, 10, 12
Data Link Connector	8W-31-16	Sensor-Input Speed	8W-31-5
Fuse 5	8W-31-2, 10, 12	Sensor-Line Pressure	8W-31-6
Fuse 28	8W-31-19	Sensor-Output Speed	8W-31-5, 10, 12
Fuse 38	8W-31-2, 11, 13	Sensor-Transfer Case Position	8W-31-9, 19
Fuse 43	8W-31-7, 15	Sensor-Transmission Range	8W-31-11, 13
Fuse 50	8W-31-12	Solenoid-Locker Front	8W-31-9
G103	8W-31-2	Solenoid-Locker Rear	8W-31-9
G104	8W-31-2, 7, 16, 19	Switch-Axle Lock	8W-31-8
G106	8W-31-7, 8, 16, 19	Switch-Clutch Interlock	8W-31-15
G107	8W-31-5, 19	Switch-Disconnecting Stabilizer Bar	8W-31-7, 8
G201	8W-31-3, 14	Switch-Speed Control-Left	8W-31-14
Mirror-Inside Rearview	8W-31-11, 13	Switch-Speed Control-Right	8W-31-14
Module-Engine Control	8W-31-12, 13, 14	Switch-Tow/Haul Overdrive	8W-31-3, 14
Module-Final Drive Control	8W-31-7, 8, 9	Switch-Transfer Case Selector	8W-31-15, 19
Module-Front Control	8W-31-2, 7, 11		

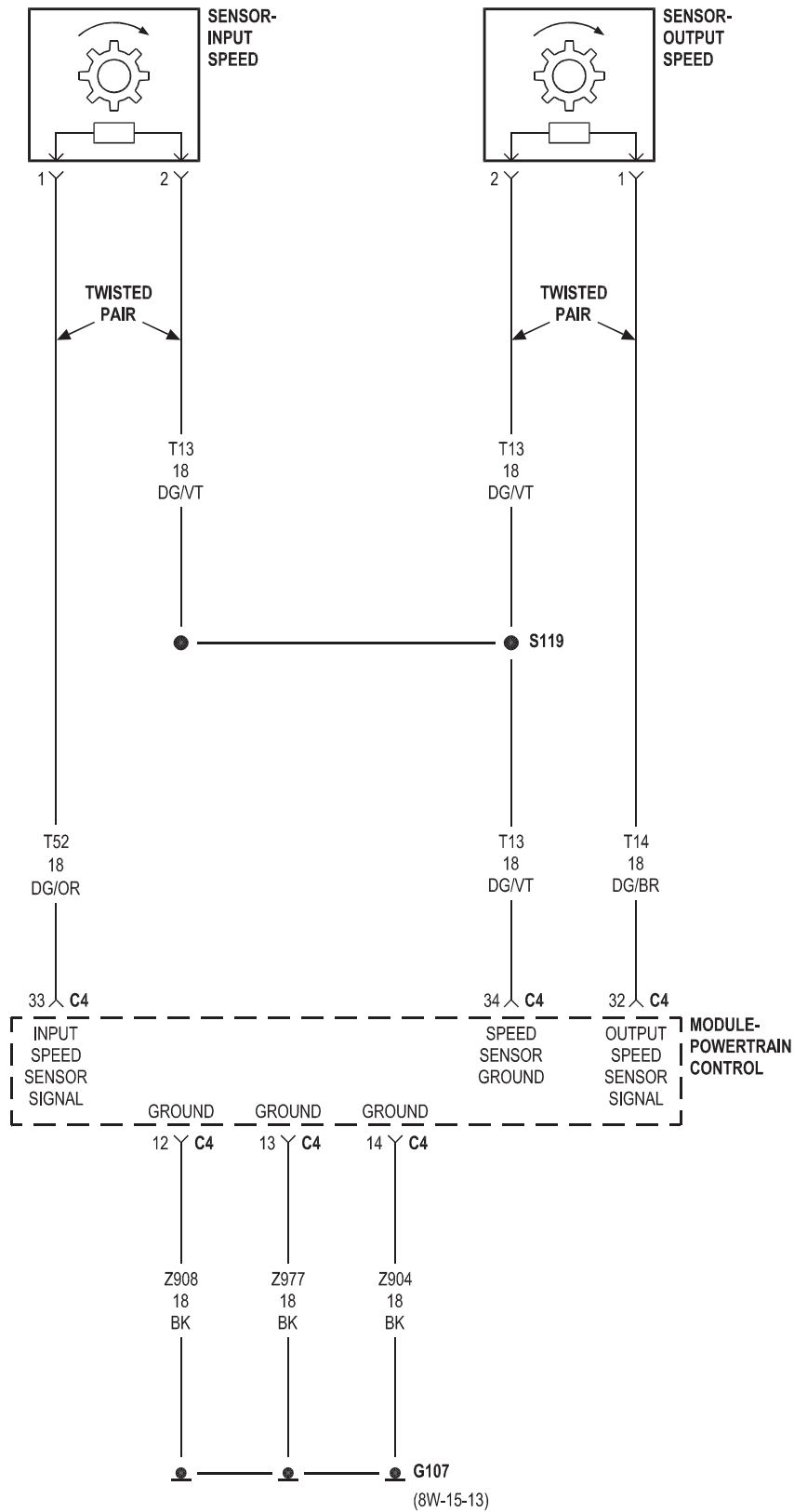
NGC



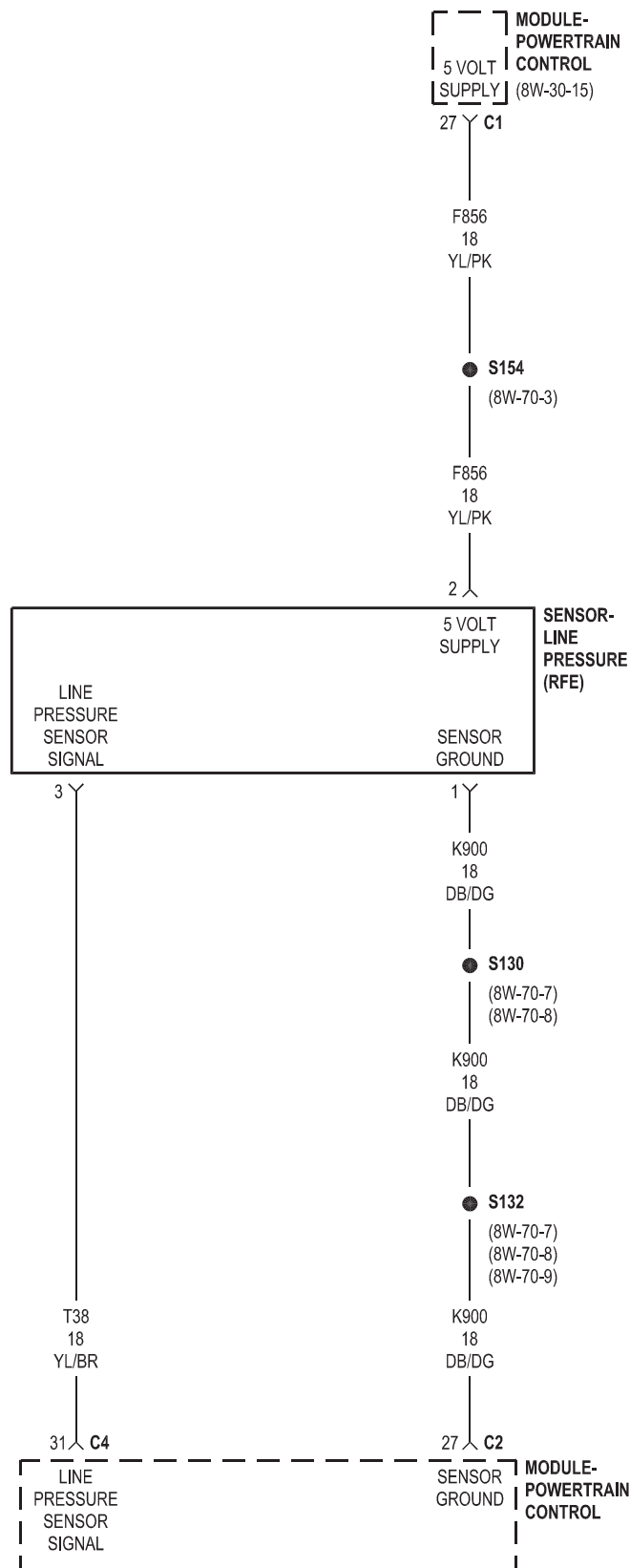




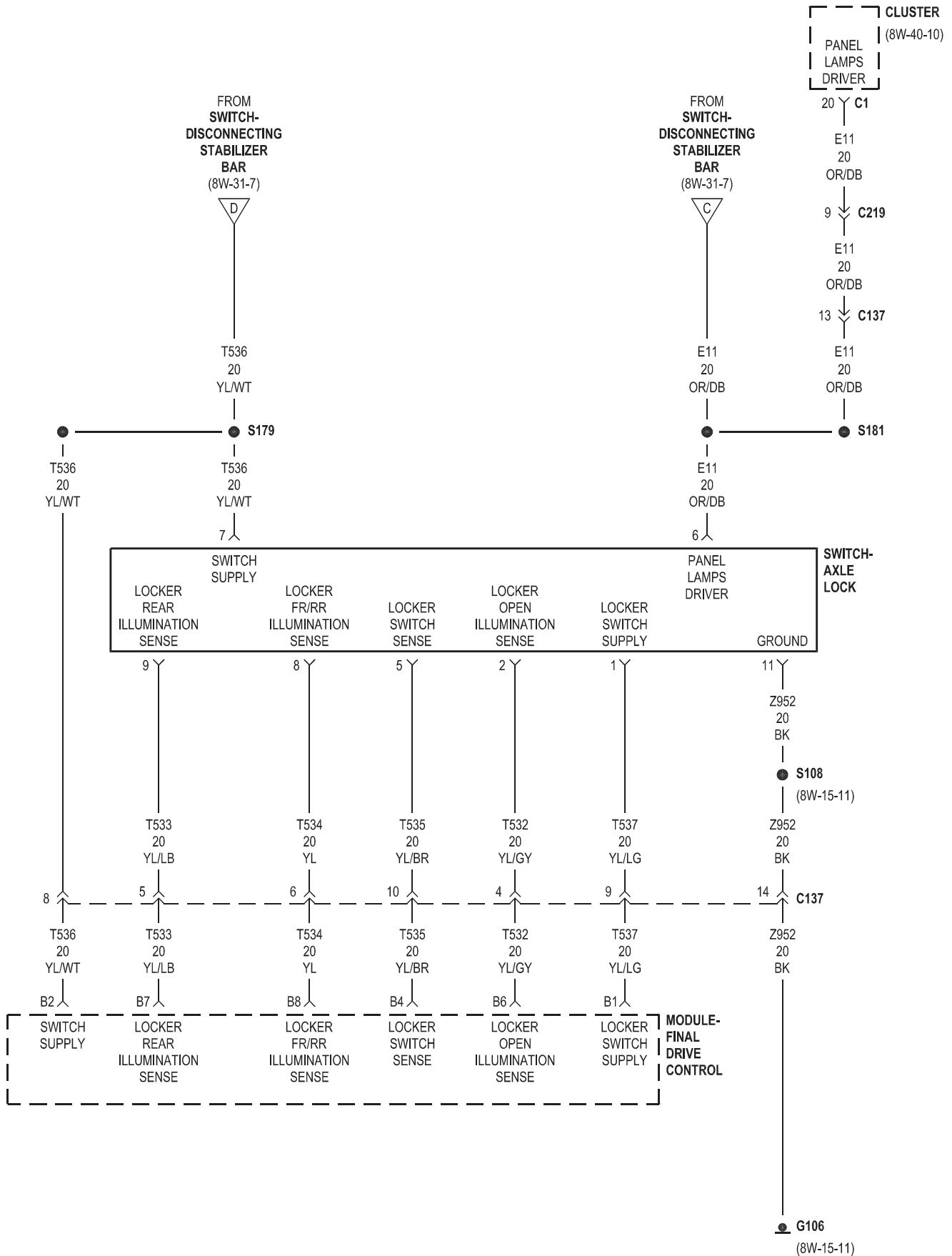
DR ————— 8W-31 TRANSMISSION CONTROL SYSTEM ————— 8W - 31 - 5
NGC



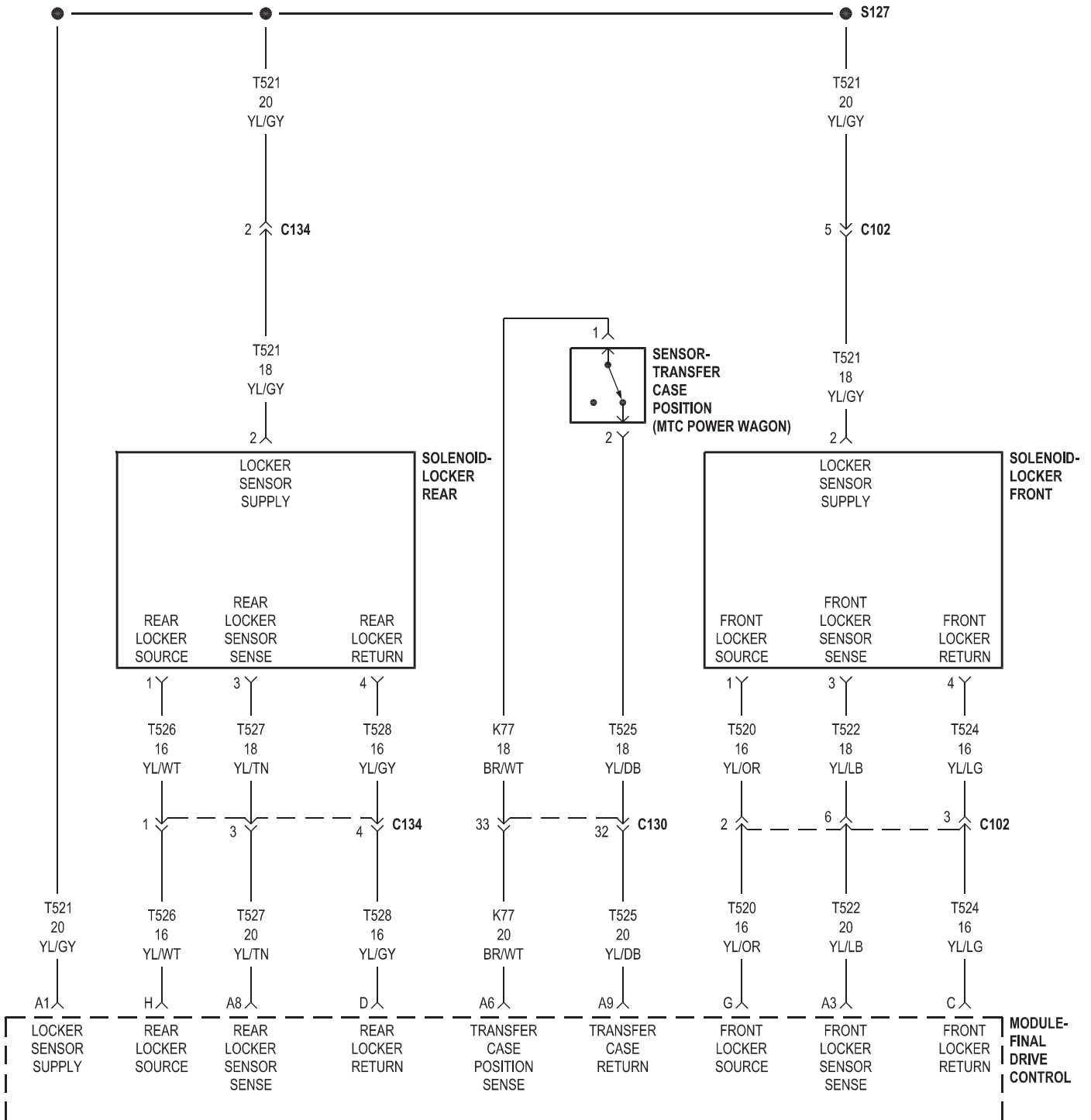
NGC



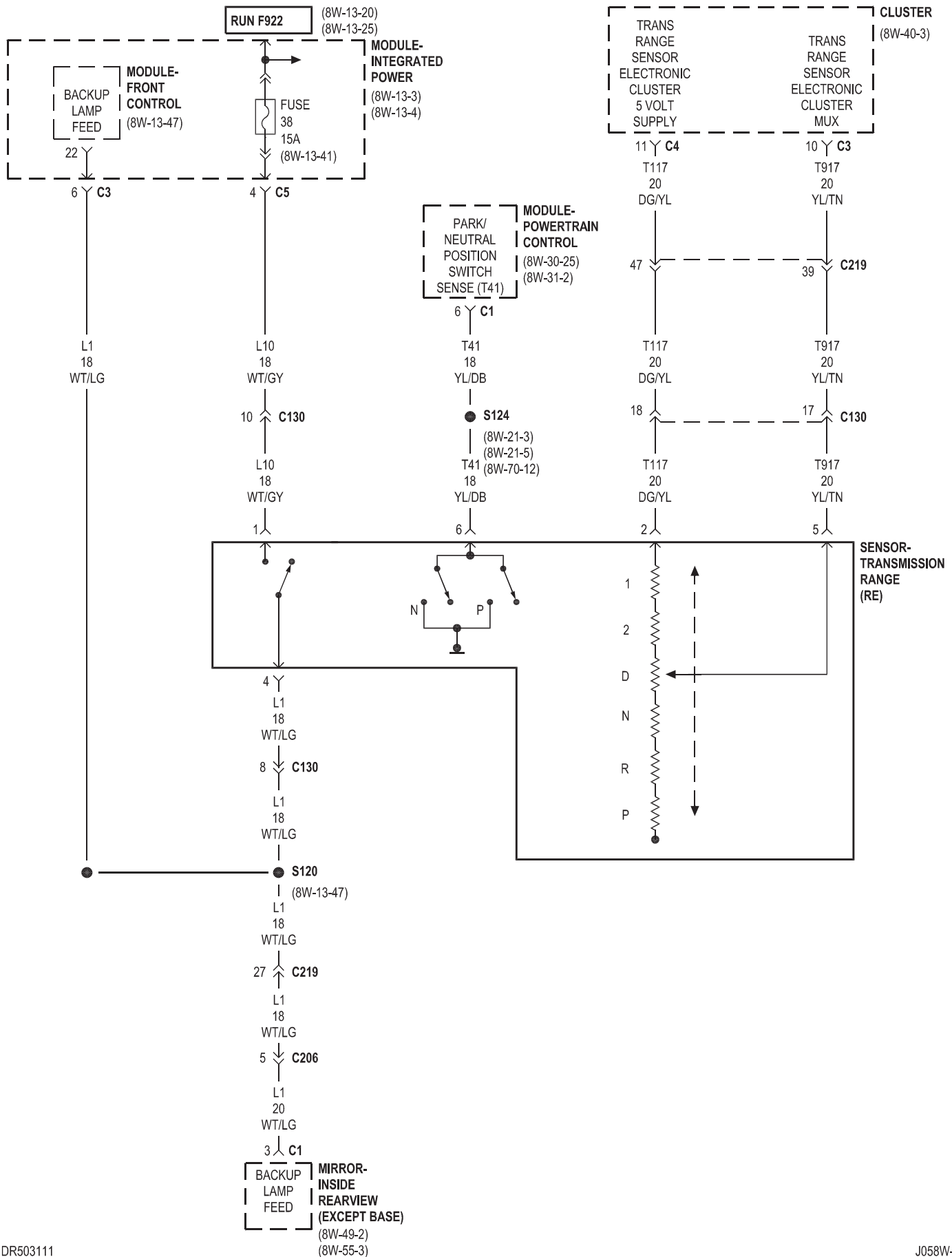




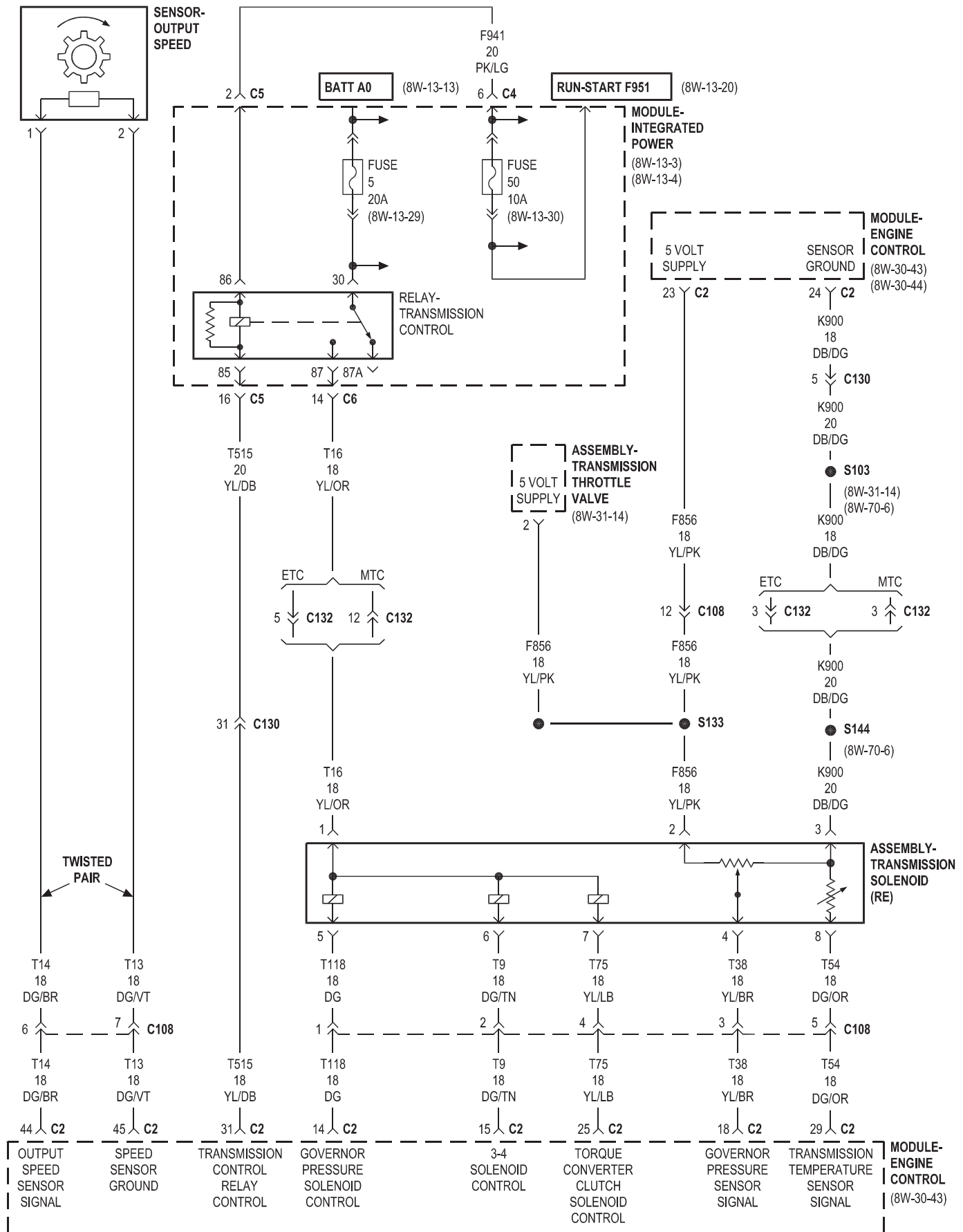
DR 8W-31 TRANSMISSION CONTROL SYSTEM 8W - 31 - 9
5.7L HD



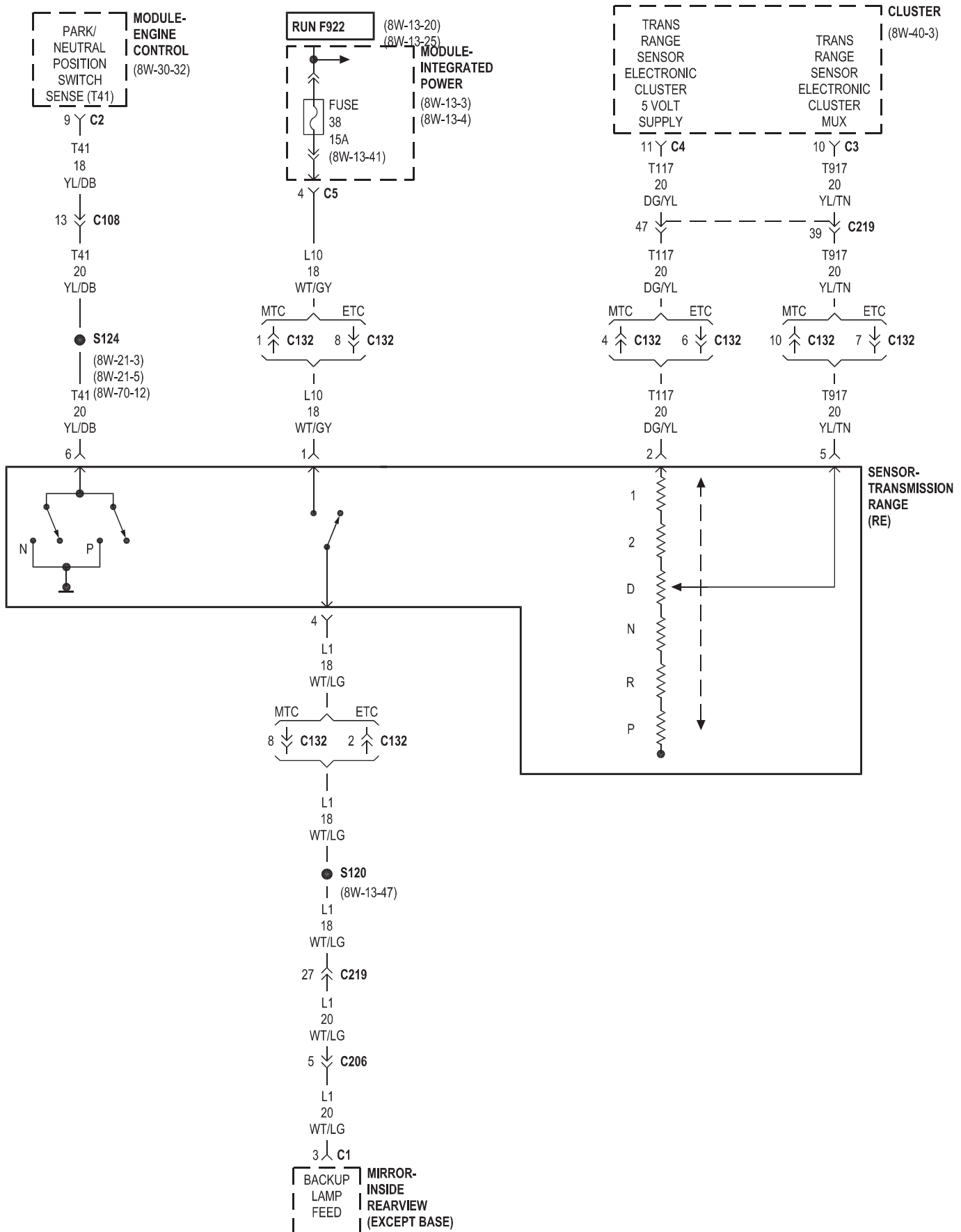
DR 8W-31 TRANSMISSION CONTROL SYSTEM SRT 8W - 31 - 11



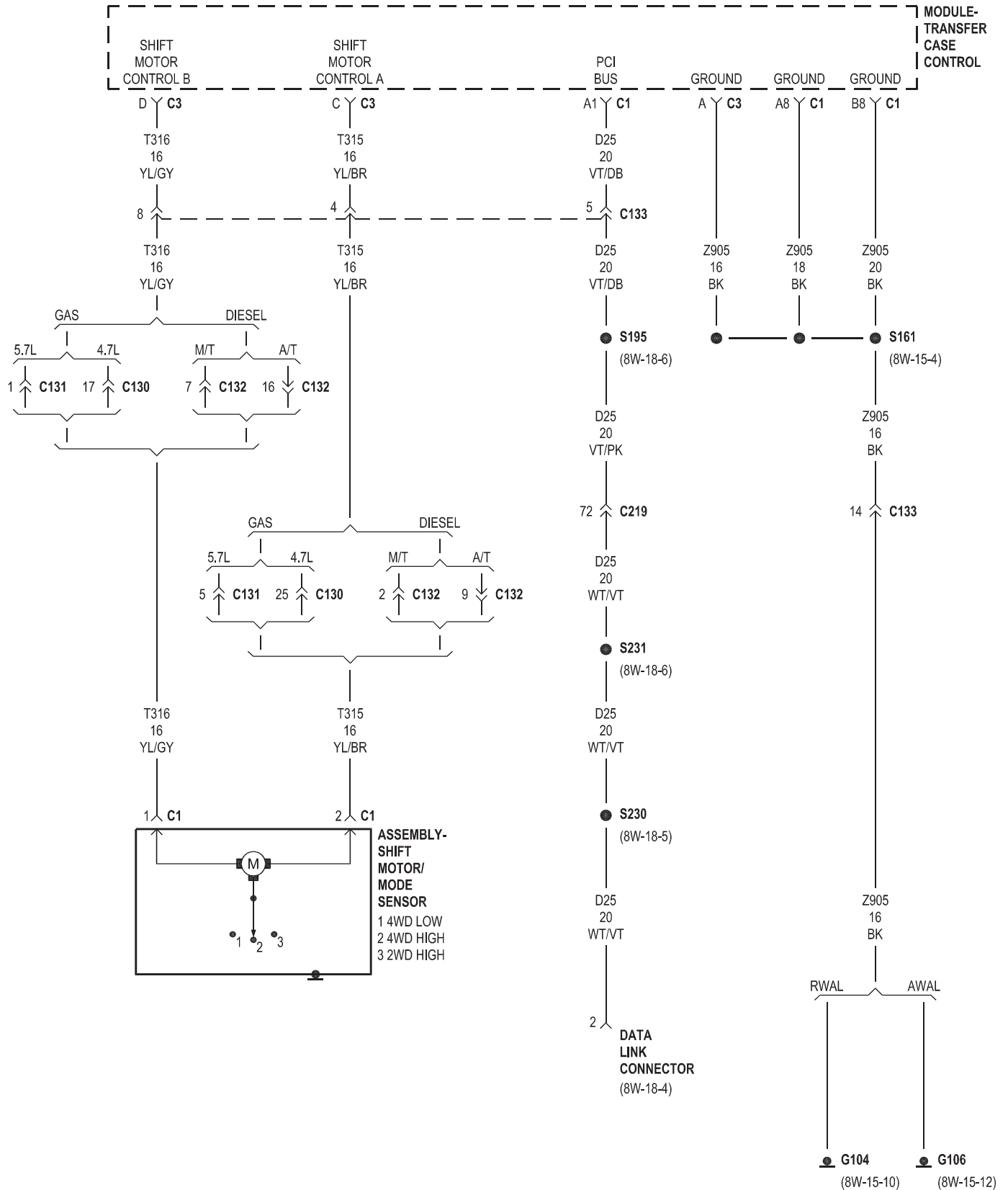
DIESEL



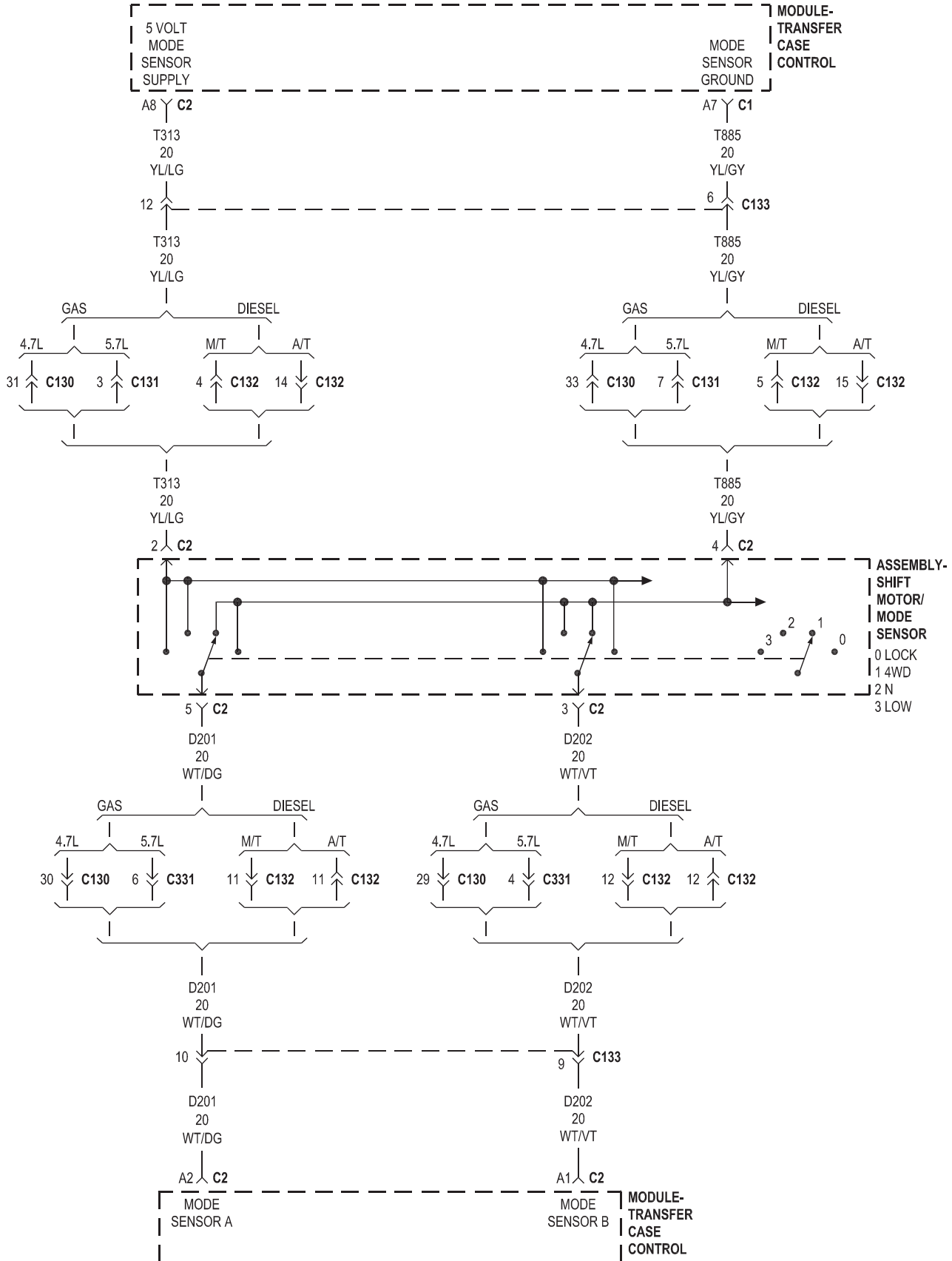
DR 8W-31 TRANSMISSION CONTROL SYSTEM DIESEL 8W - 31 - 13

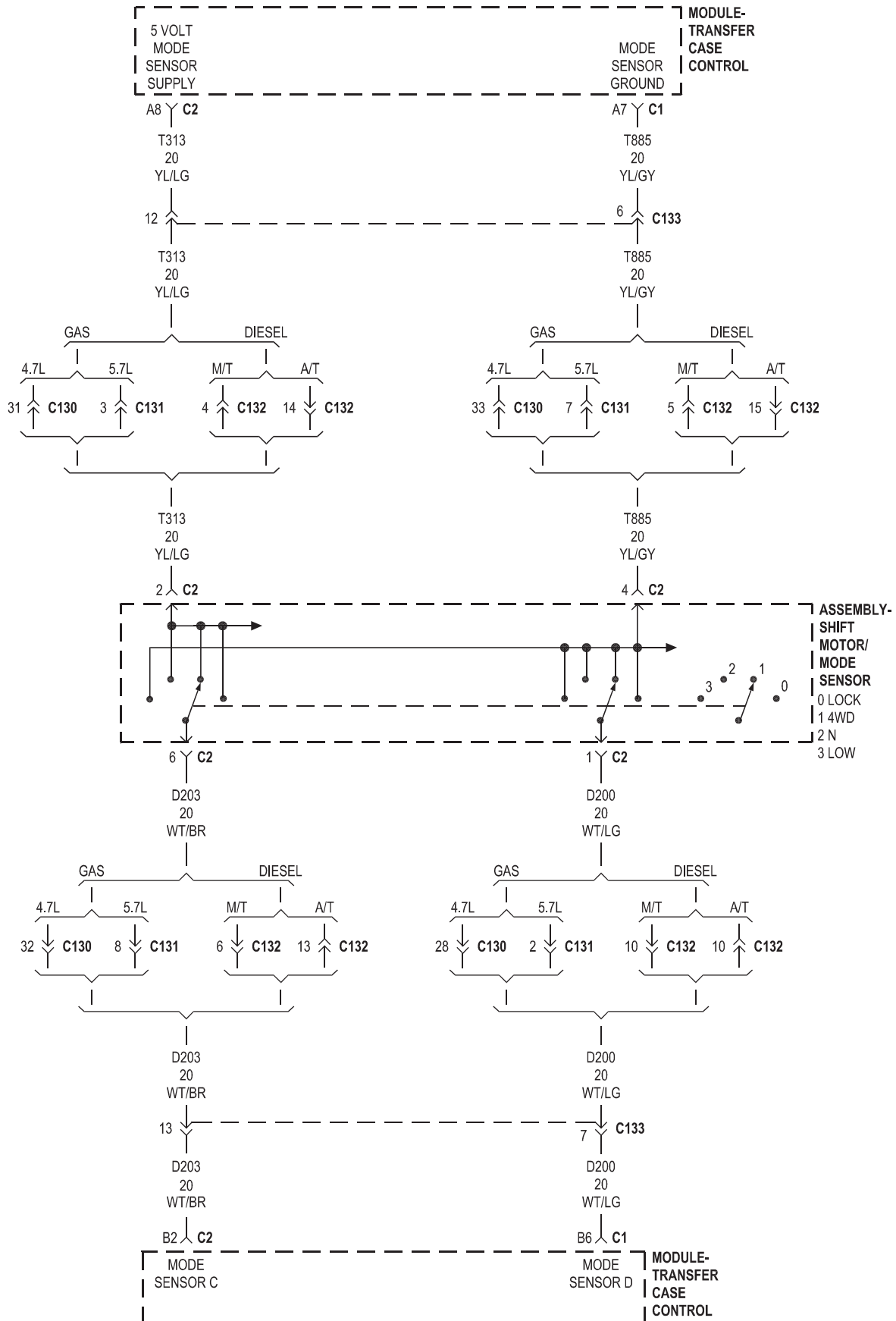


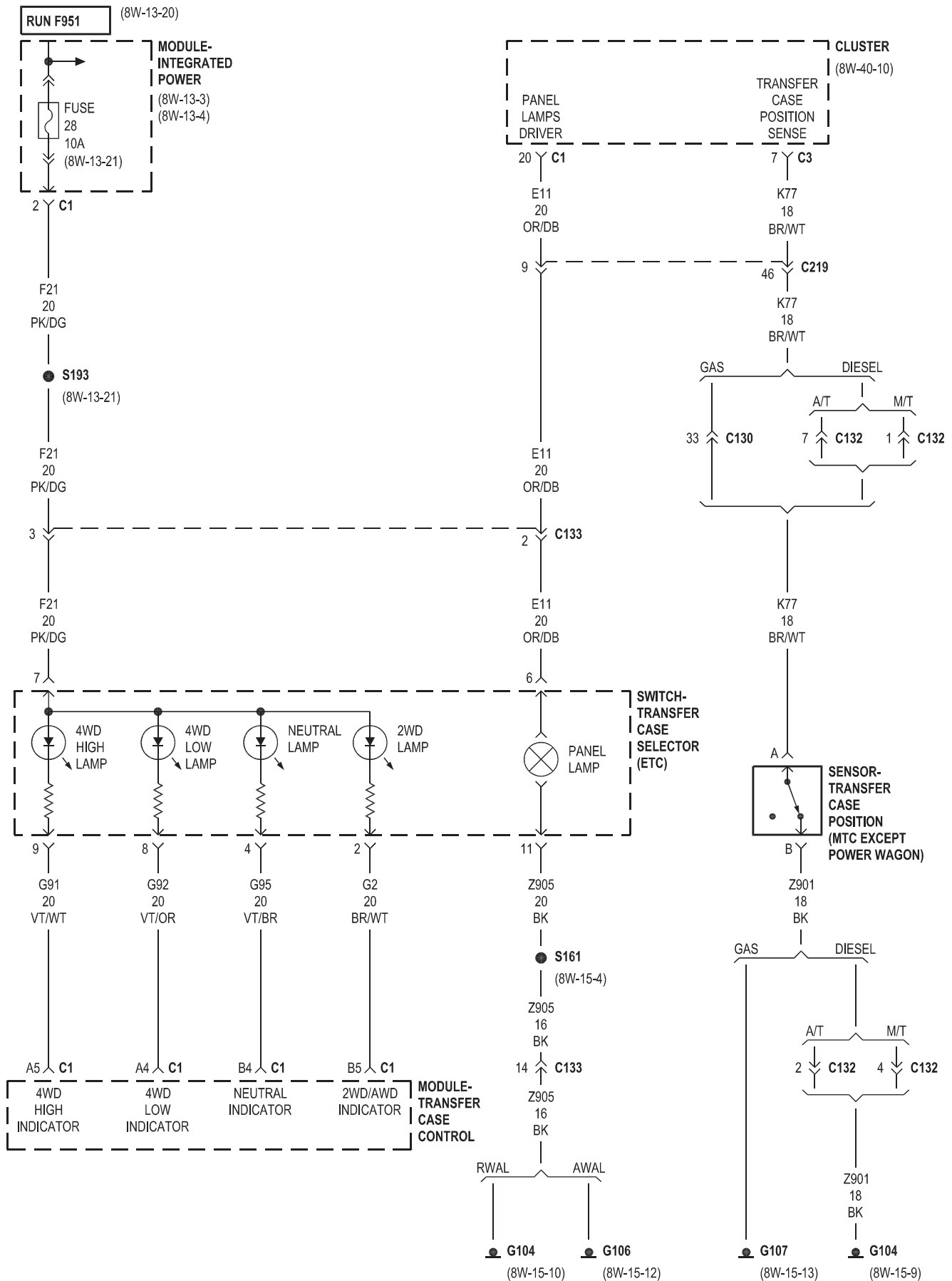




DR 8W-31 TRANSMISSION CONTROL SYSTEM 8W - 31 - 17
ELECTRIC TRANSFER CASE EXCEPT 3.7L

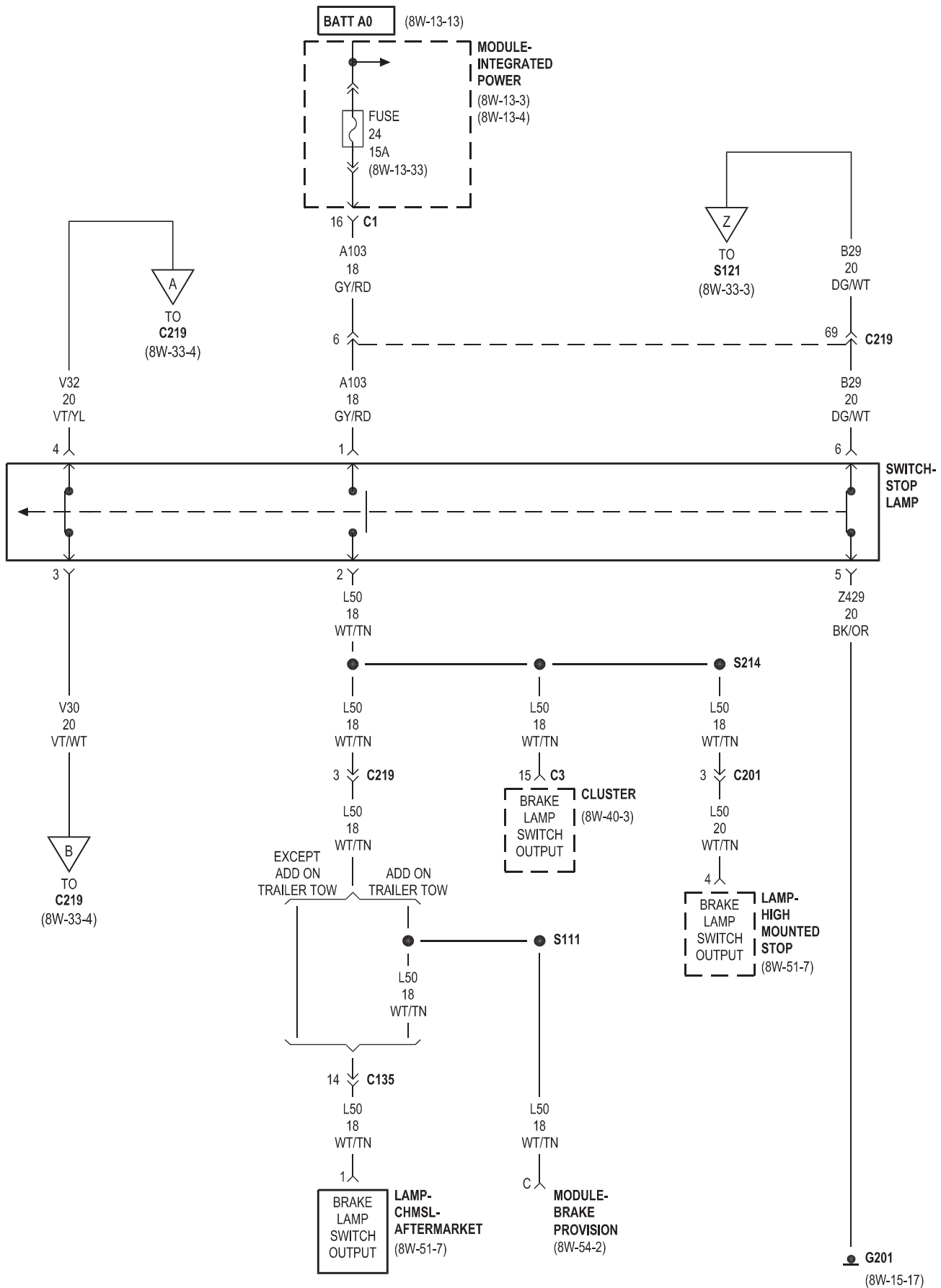


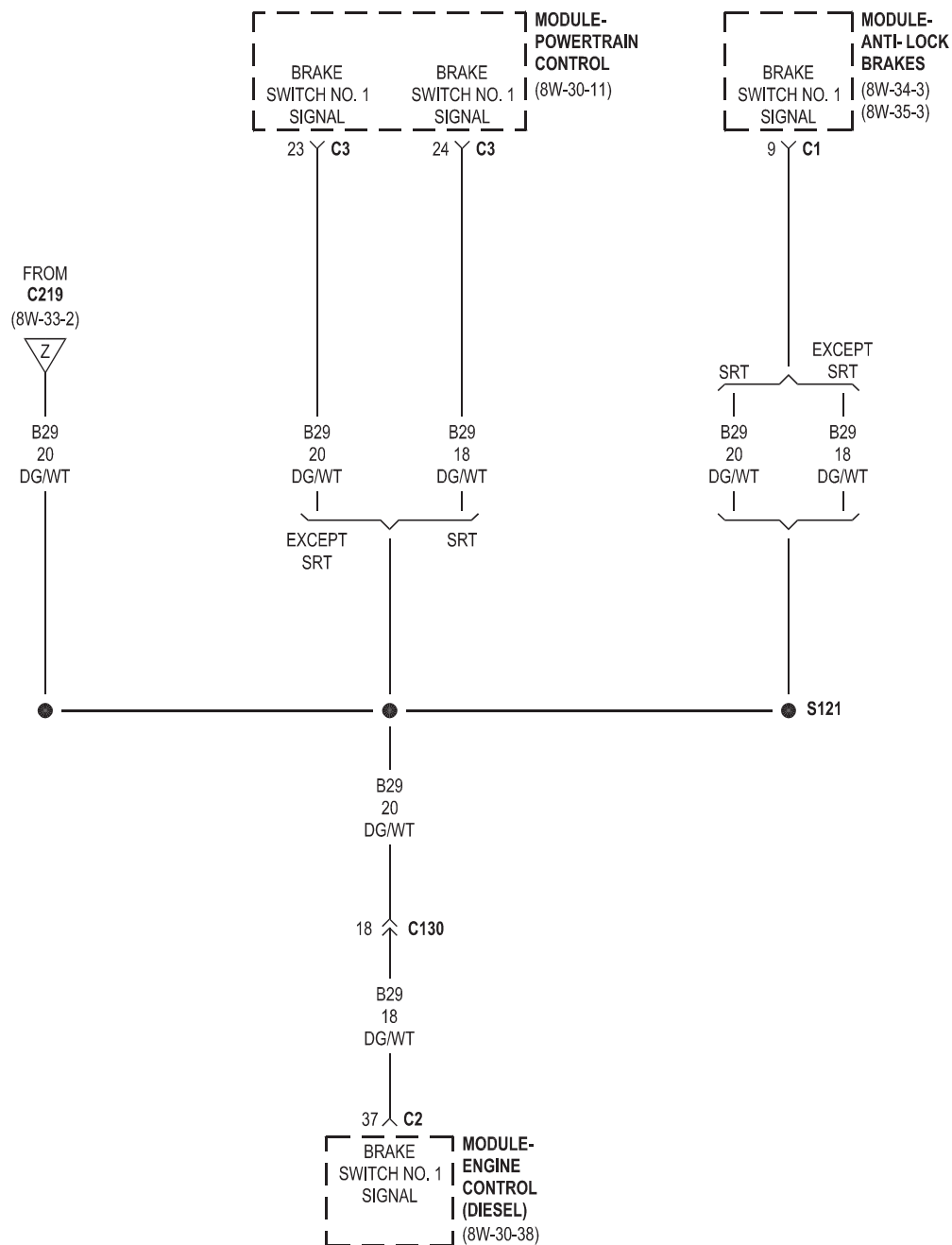


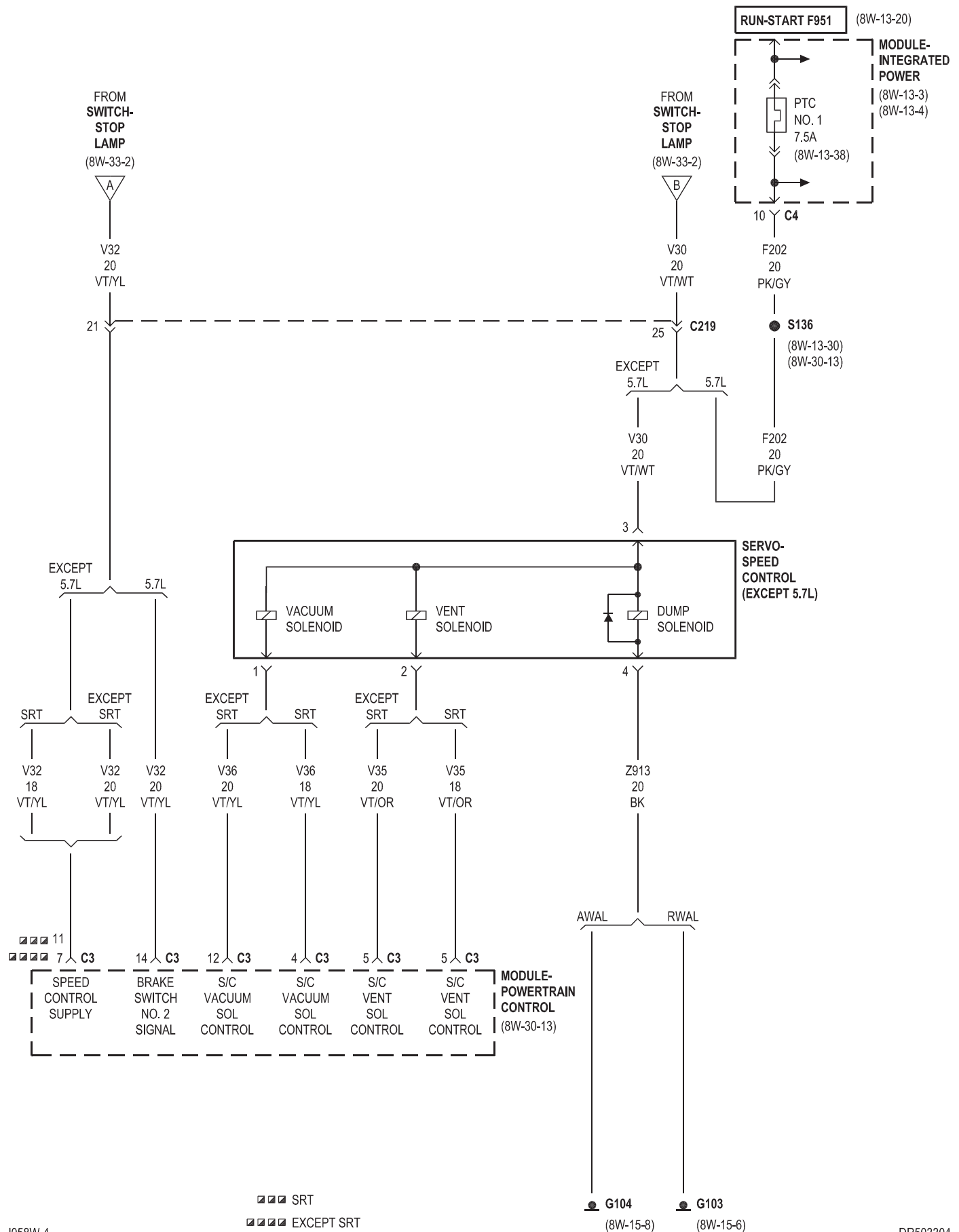


8W-33 VEHICLE SPEED CONTROL

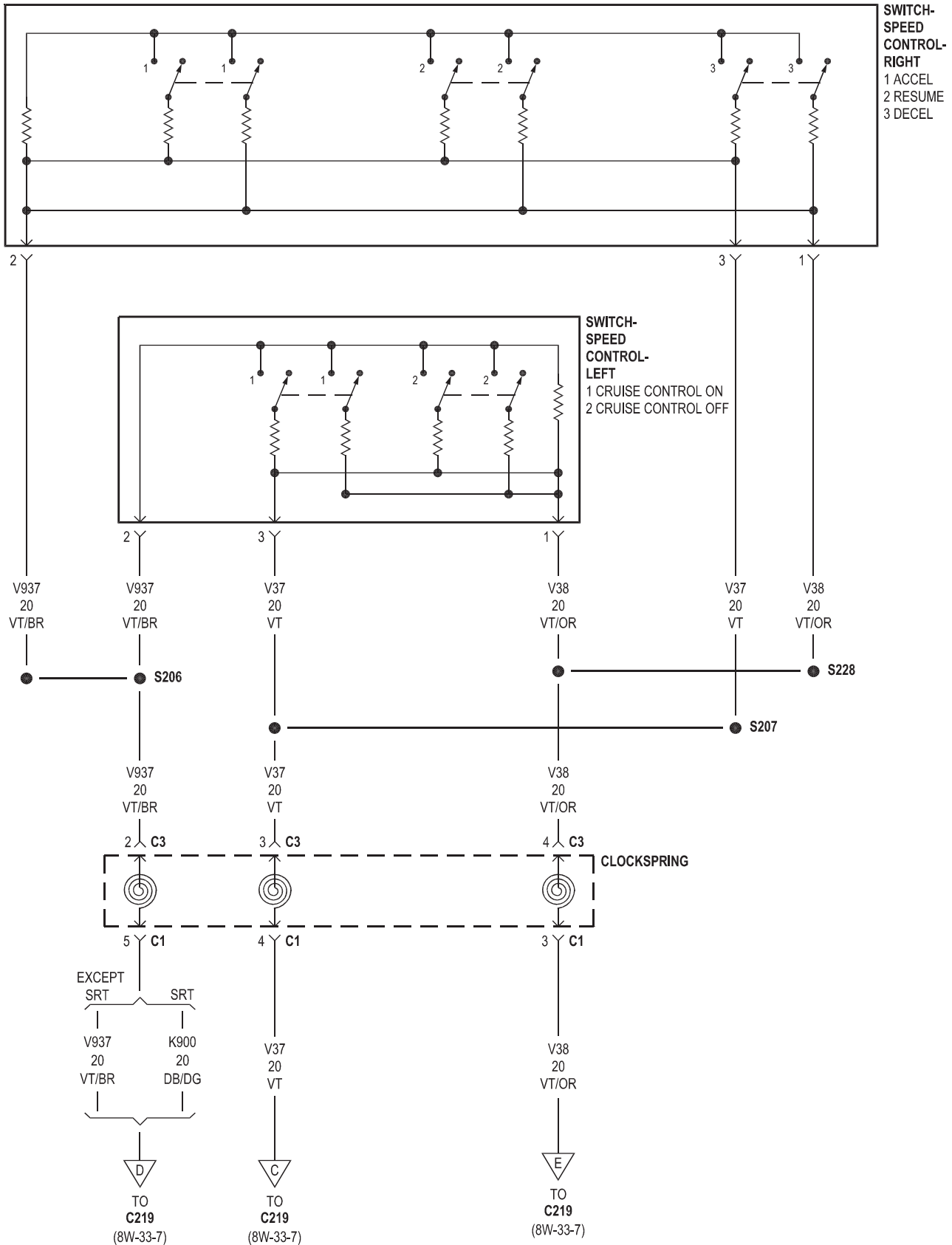
Component	Page	Component	Page
Clockspring	8W-33-5, 6, 7	Module-Brake Provision	8W-33-2
Cluster	8W-33-2	Module-Engine Control	8W-33-3, 7
Fuse 24	8W-33-2	Module-Integrated Power	8W-33-2, 4
G103	8W-33-4	Module-Powertrain Control	8W-33-3, 4, 7
G104	8W-33-4	PTC No. 1	8W-33-4
G201	8W-33-2	Servo-Speed Control	8W-33-4
Lamp-Chmsl-Aftermarket	8W-33-2	Switch-Speed Control-Left	8W-33-5, 6
Lamp-High Mounted Stop	8W-33-2	Switch-Speed Control-Right	8W-33-5, 6
Module-Anti-Lock Brakes	8W-33-3	Switch-Stop Lamp	8W-33-2, 4

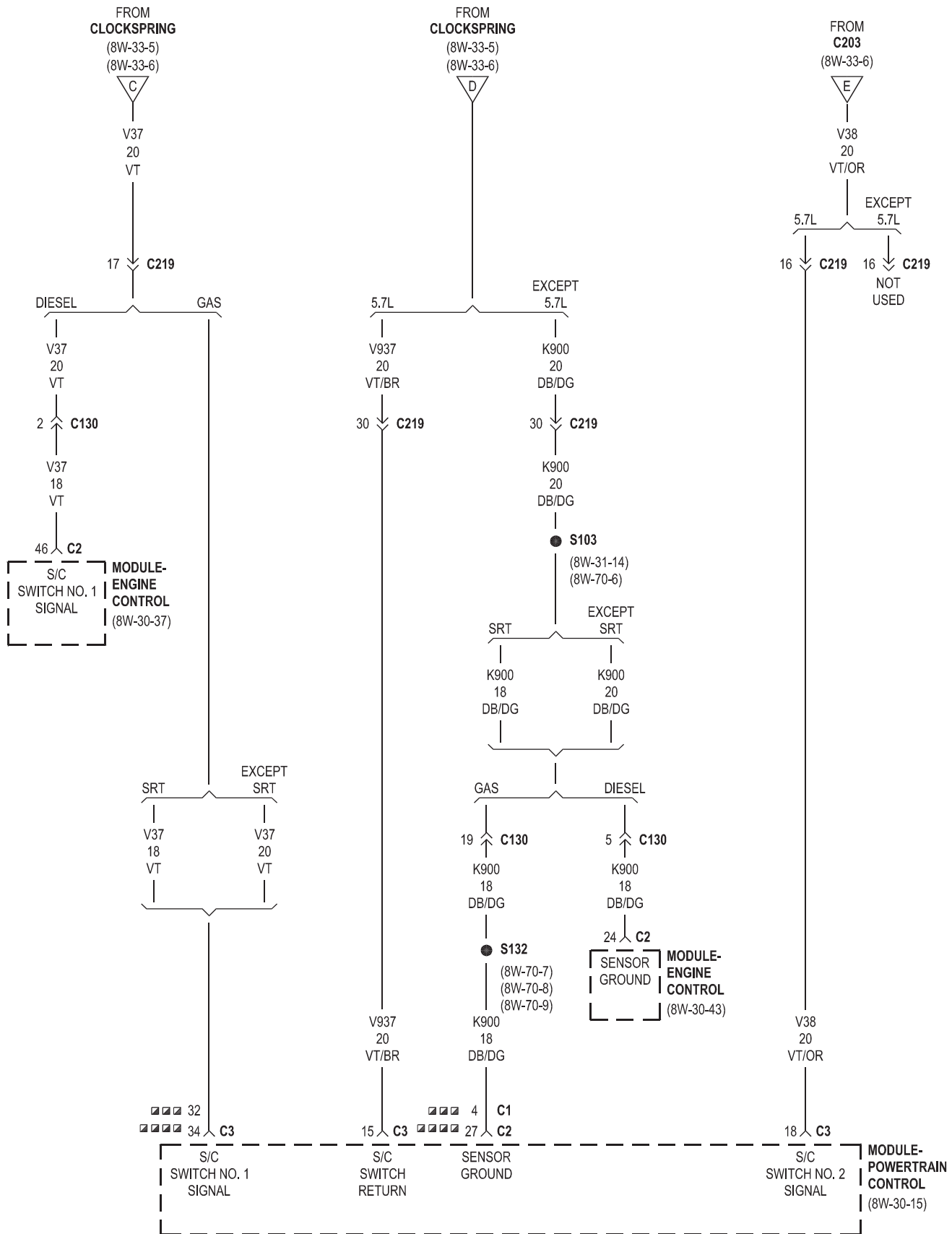








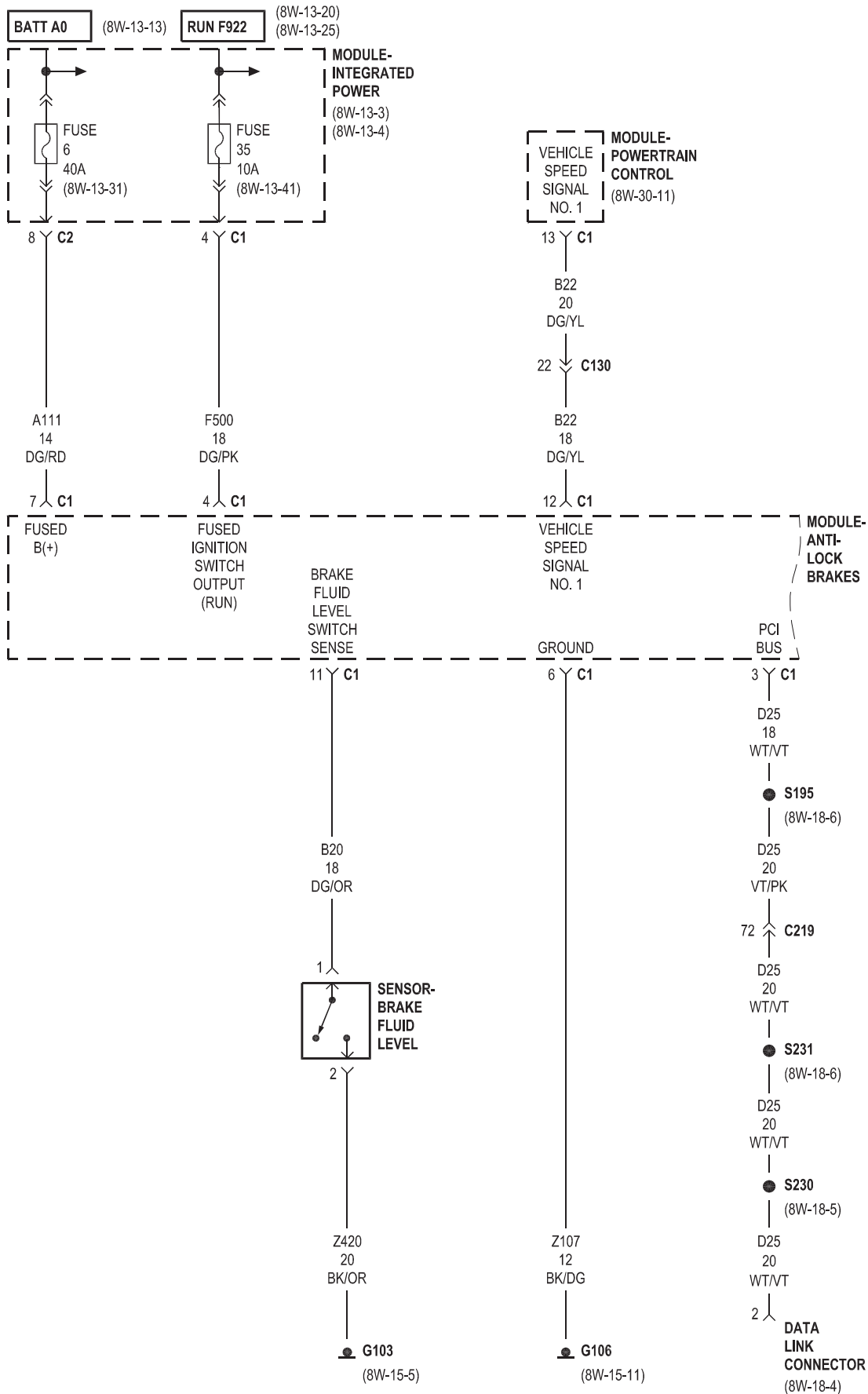




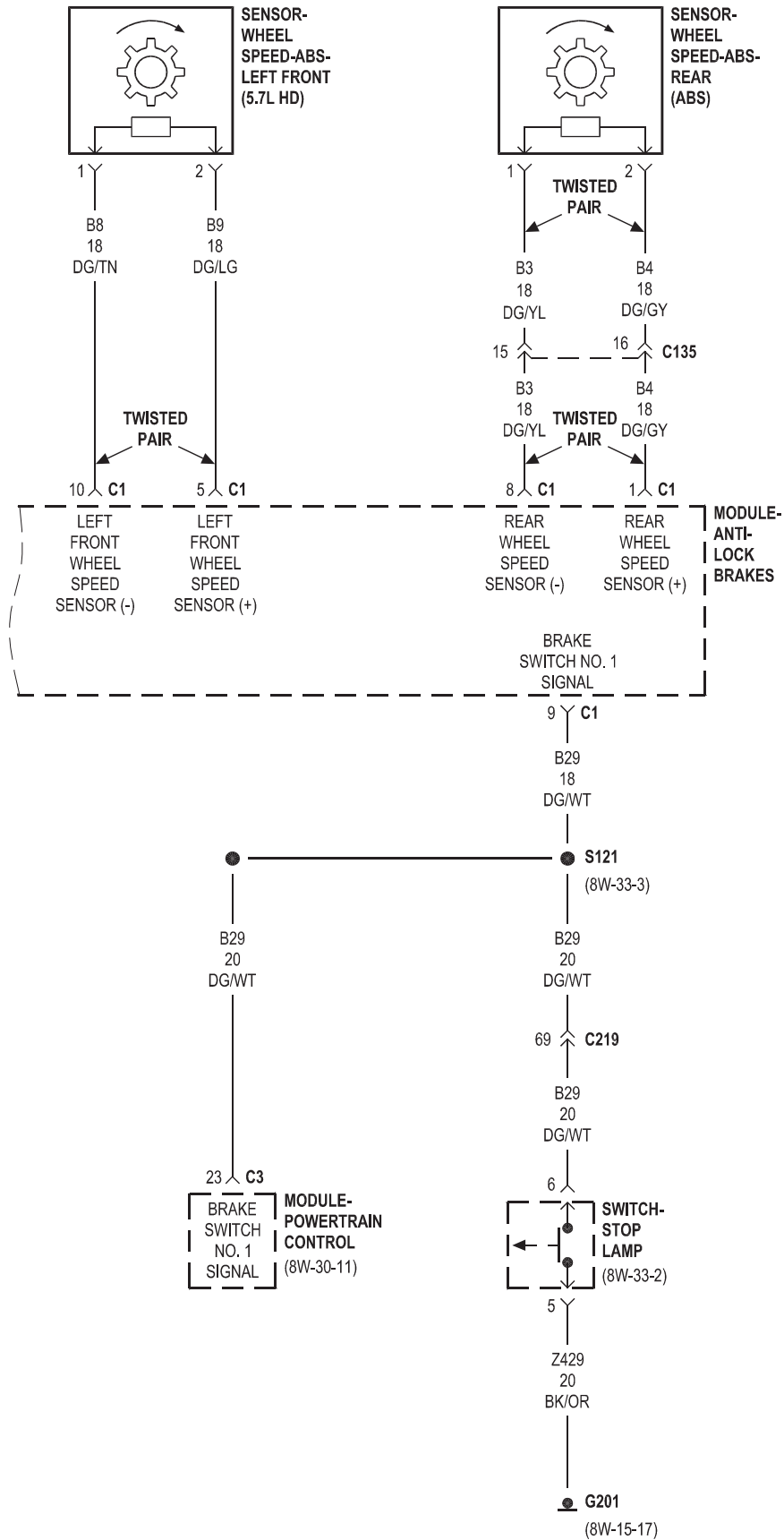
8W-34 REAR WHEEL ANTILOCK BRAKES

Component	Page	Component	Page
Data Link Connector	8W-34-2	Module-Integrated Power	8W-34-2
Fuse 6	8W-34-2	Module-Powertrain Control	8W-34-2, 3
Fuse 35	8W-34-2	Sensor-Brake Fluid Level	8W-34-2
G103	8W-34-2	Sensor-Wheel Speed-Abs-Left Front	8W-34-3
G106	8W-34-2	Sensor-Wheel Speed-Abs-Rear	8W-34-3
G201	8W-34-3	Switch-Stop Lamp	8W-34-3
Module-Anti-Lock Brakes	8W-34-2, 3		

NGC



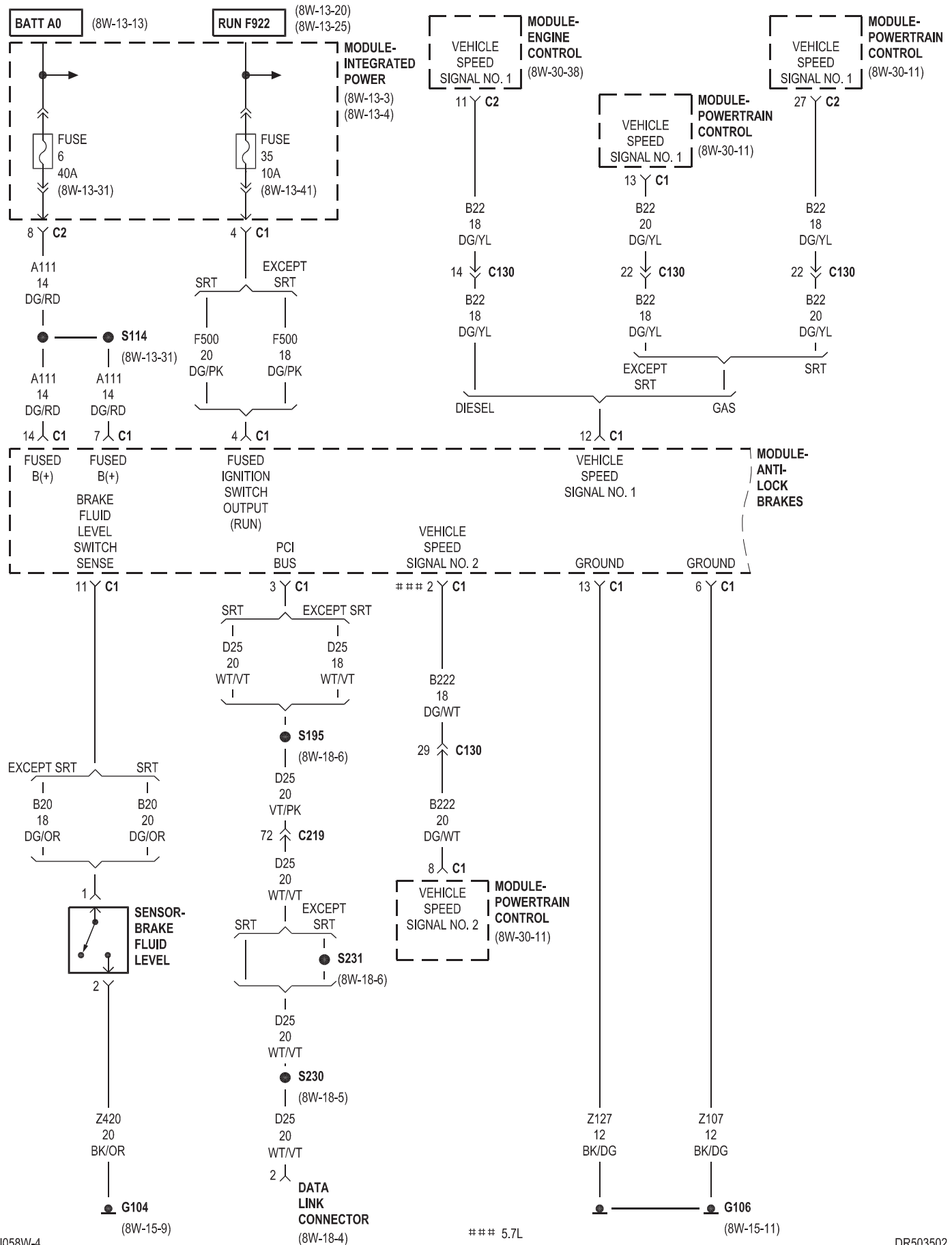
NGC

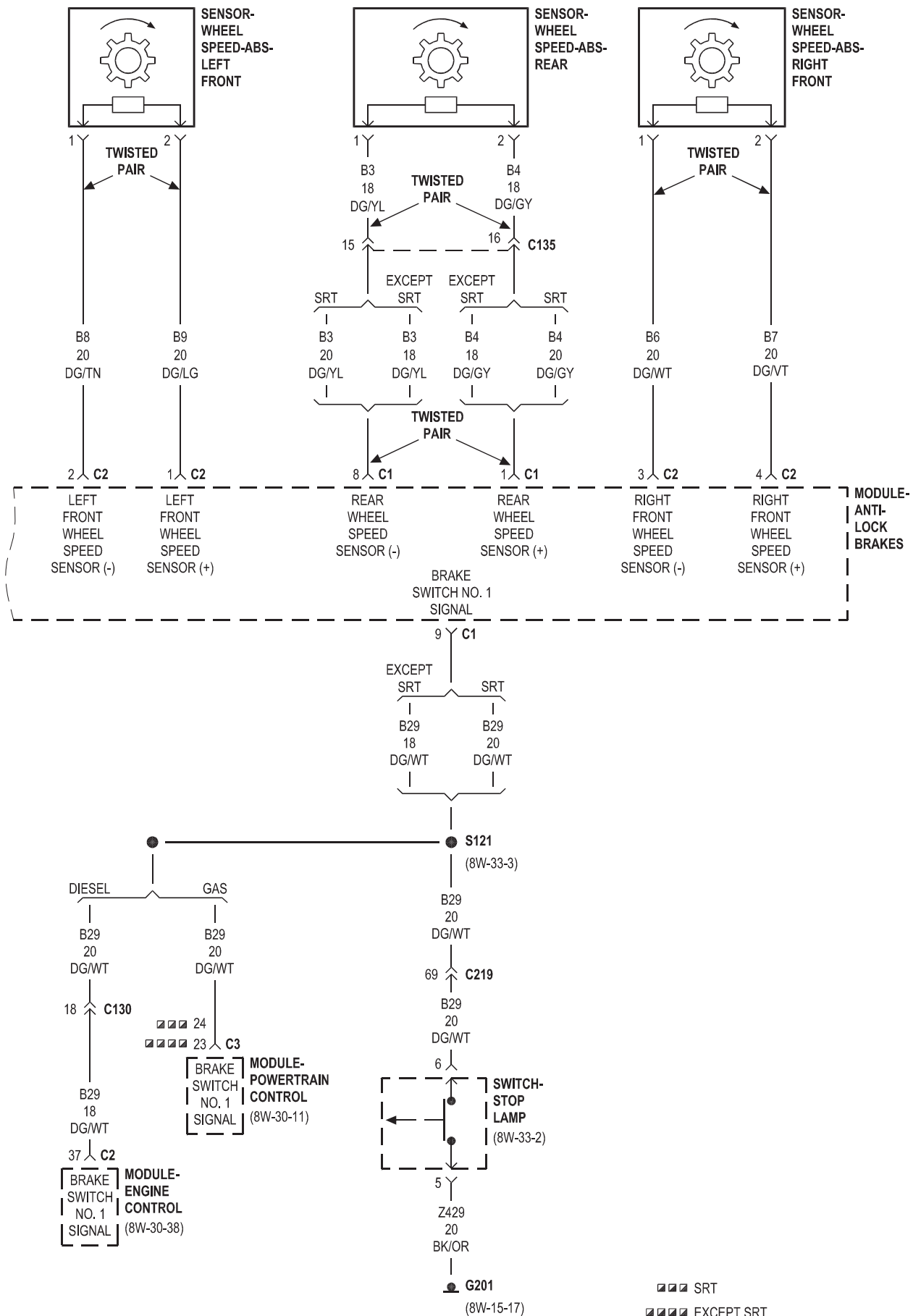


8W-35 ALL WHEEL ANTILOCK BRAKES

Component	Page
Data Link Connector	8W-35-2
Fuse 6	8W-35-2
Fuse 35	8W-35-2
G104	8W-35-2
G106	8W-35-2
G201	8W-35-3
Module-Anti-Lock Brakes	8W-35-2, 3
Module-Engine Control	8W-35-2, 3

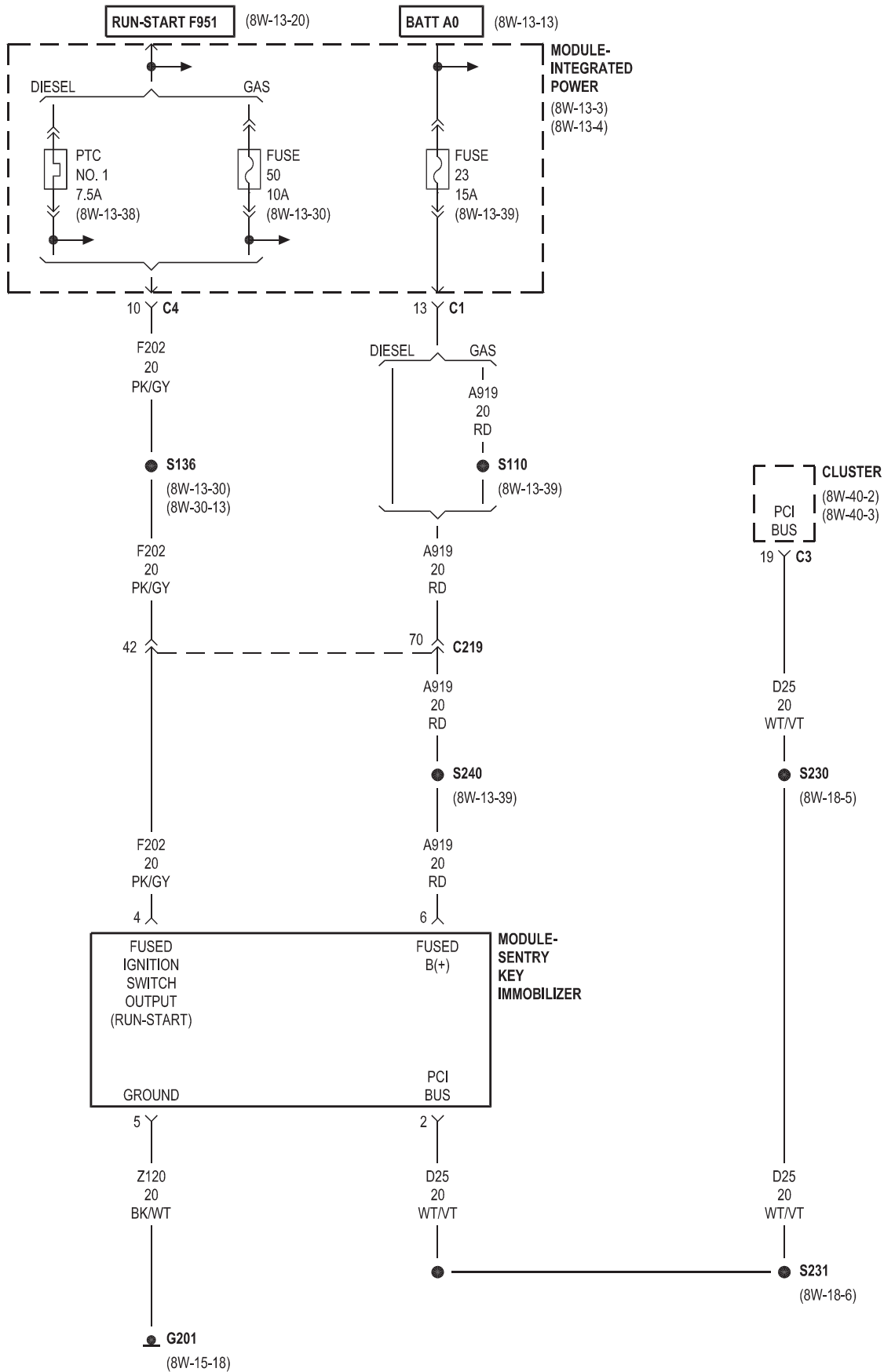
Component	Page
Module-Integrated Power	8W-35-2
Module-Powertrain Control	8W-35-2, 3
Sensor-Brake Fluid Level	8W-35-2
Sensor-Wheel Speed-Abs-Left Front	8W-35-3
Sensor-Wheel Speed-Abs-Rear	8W-35-3
Sensor-Wheel Speed-Abs-Right Front	8W-35-3
Switch-Stop Lamp	8W-35-3

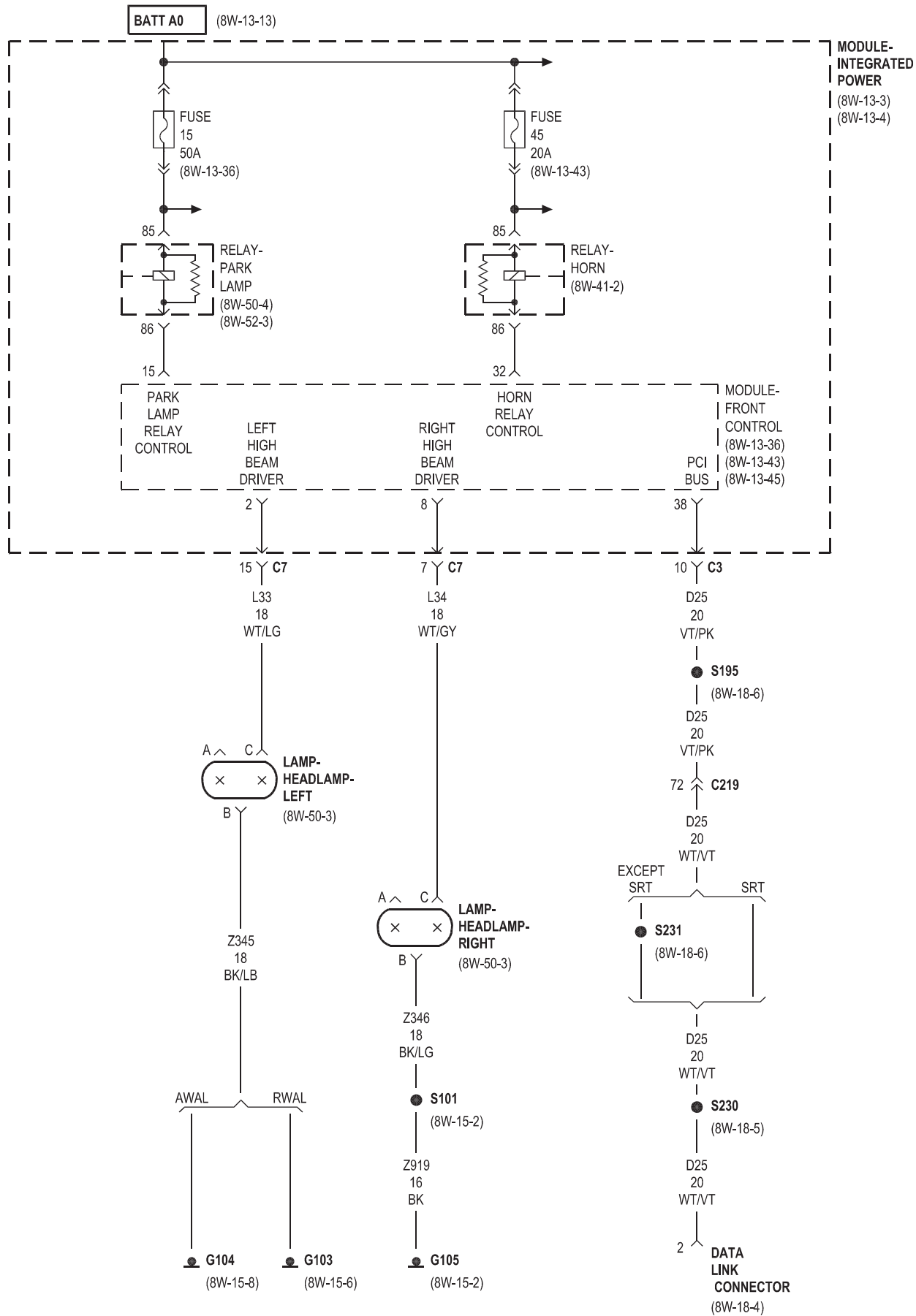


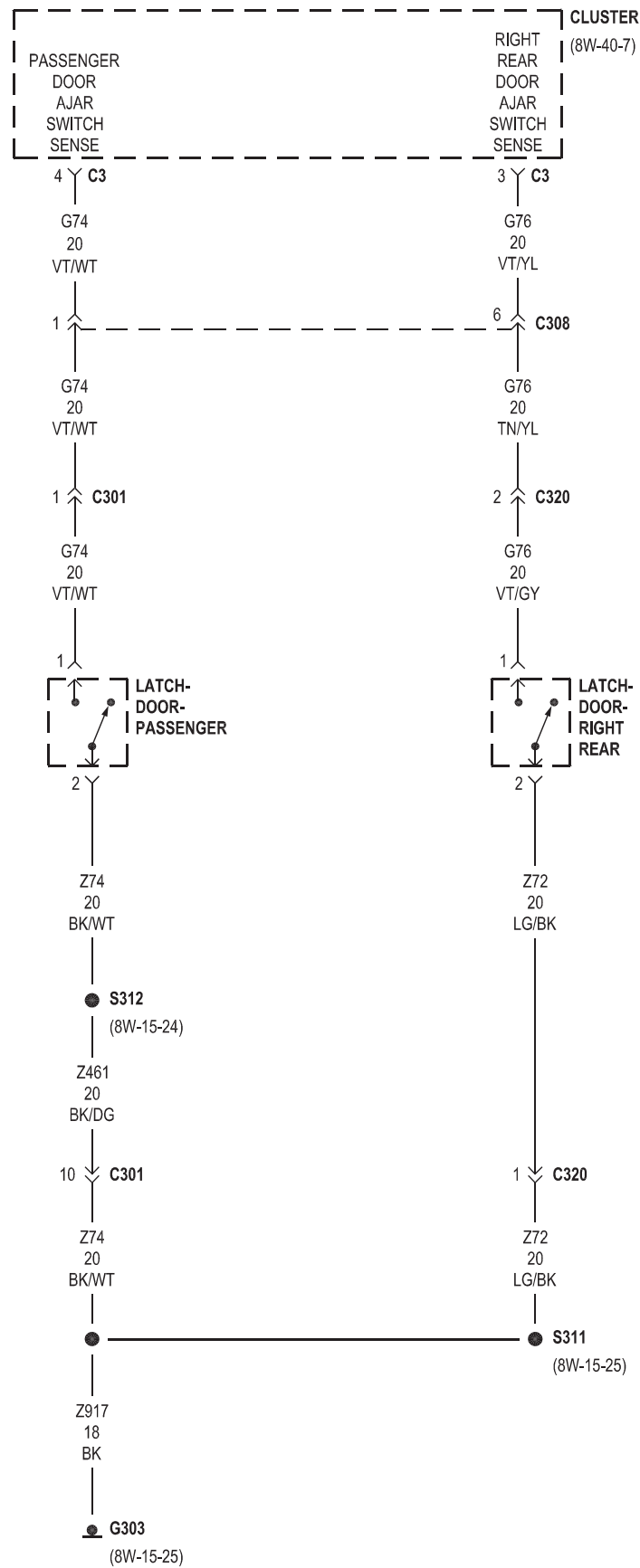


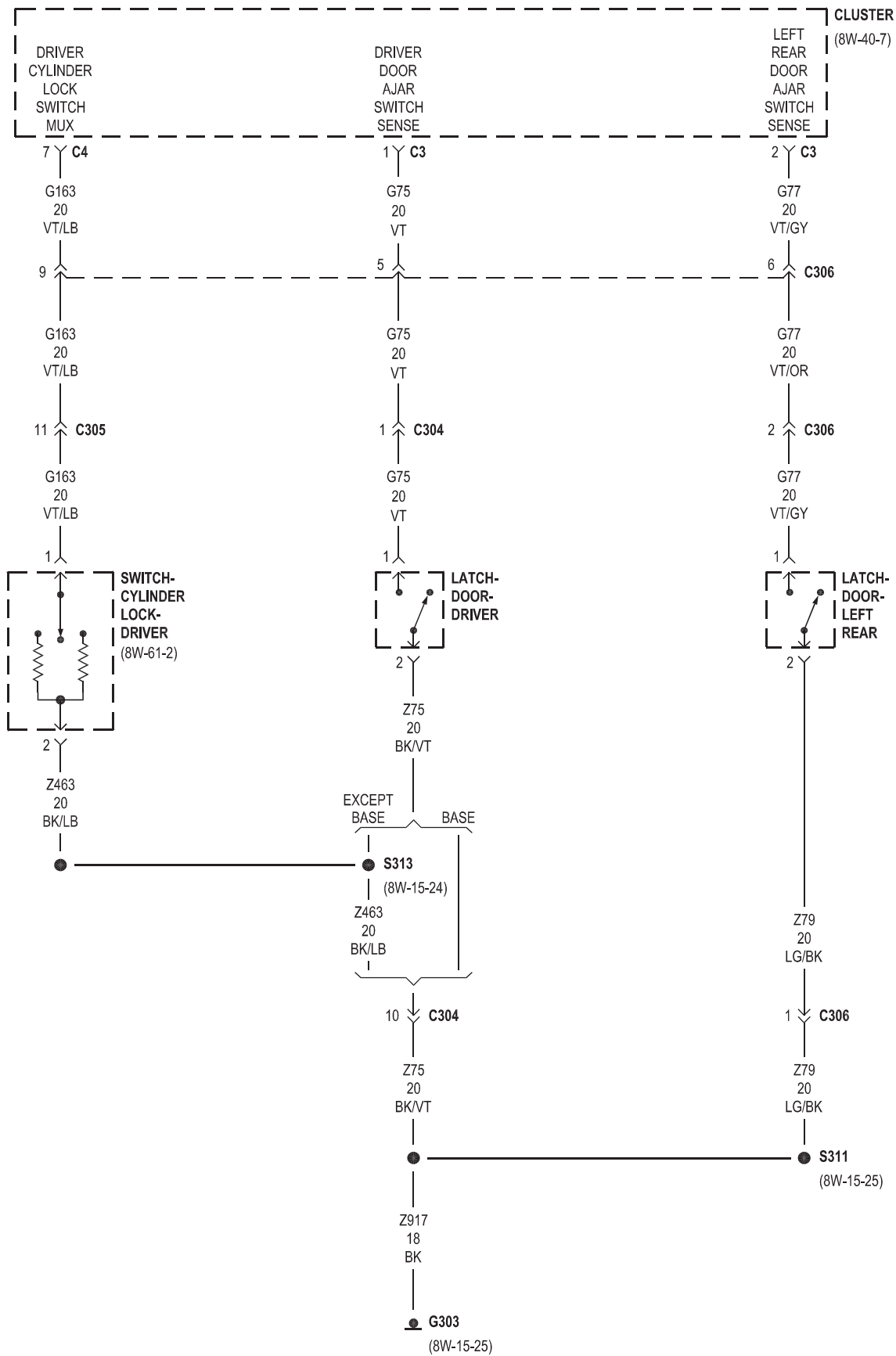
8W-39 VEHICLE THEFT SECURITY SYSTEM

Component	Page	Component	Page
Cluster	8W-39-2, 4, 5	Lamp-Headlamp-Right	8W-39-3
Data Link Connector	8W-39-3	Latch-Door-Driver	8W-39-5
Fuse 15	8W-39-3	Latch-Door-Left Rear	8W-39-5
Fuse 23	8W-39-2	Latch-Door-Passenger	8W-39-4
Fuse 45	8W-39-3	Latch-Door-Right Rear	8W-39-4
Fuse 50	8W-39-2	Module-Front Control	8W-39-3
G103	8W-39-3	Module-Integrated Power	8W-39-2, 3
G104	8W-39-3	Module-Sentry Key Immobilizer	8W-39-2
G105	8W-39-3	PTC No. 1	8W-39-2
G201	8W-39-2	Relay-Horn	8W-39-3
G303	8W-39-4, 5	Relay-Park Lamp	8W-39-3
Lamp-Headlamp-Left	8W-39-3	Switch-Cylinder Lock-Driver	8W-39-5





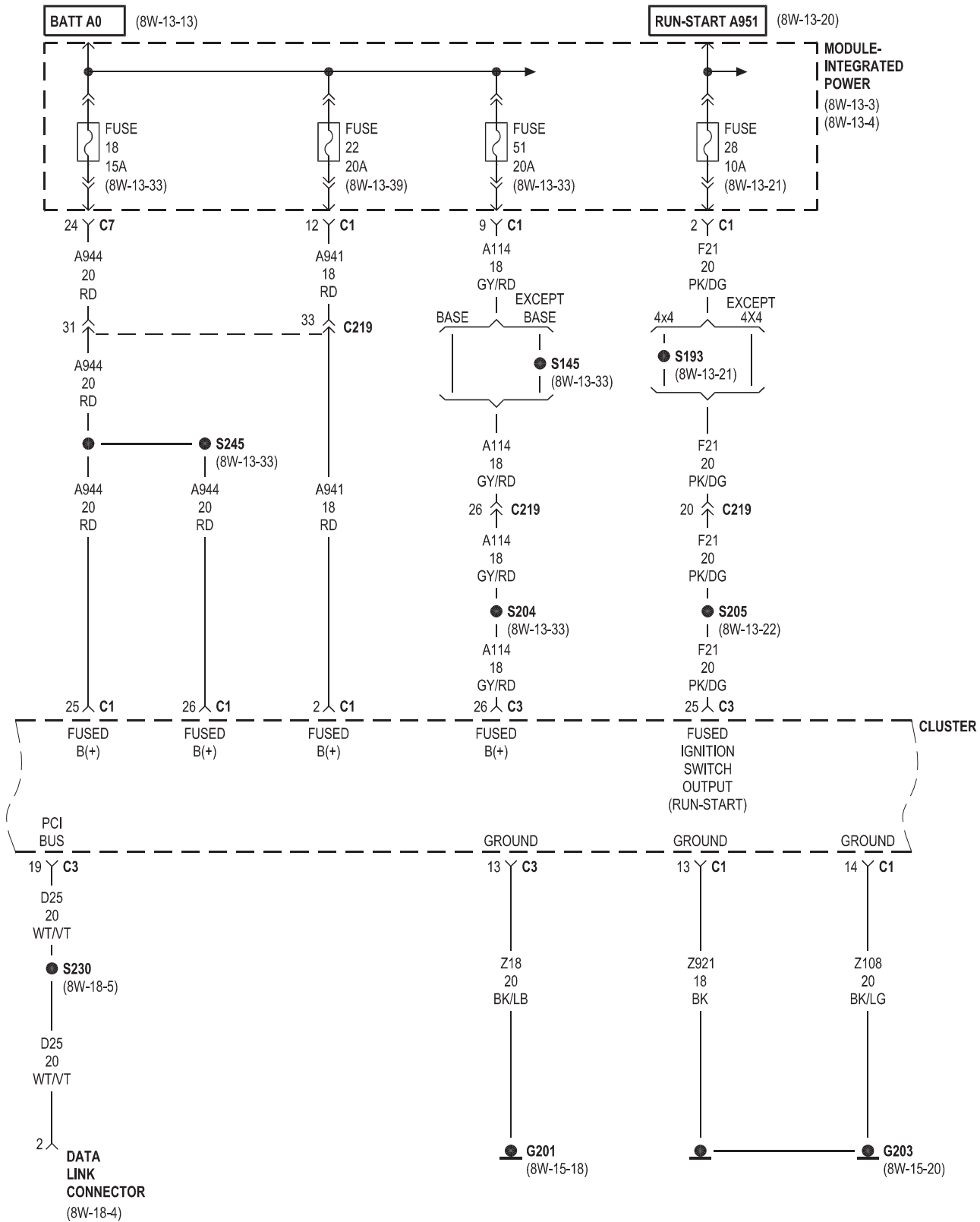


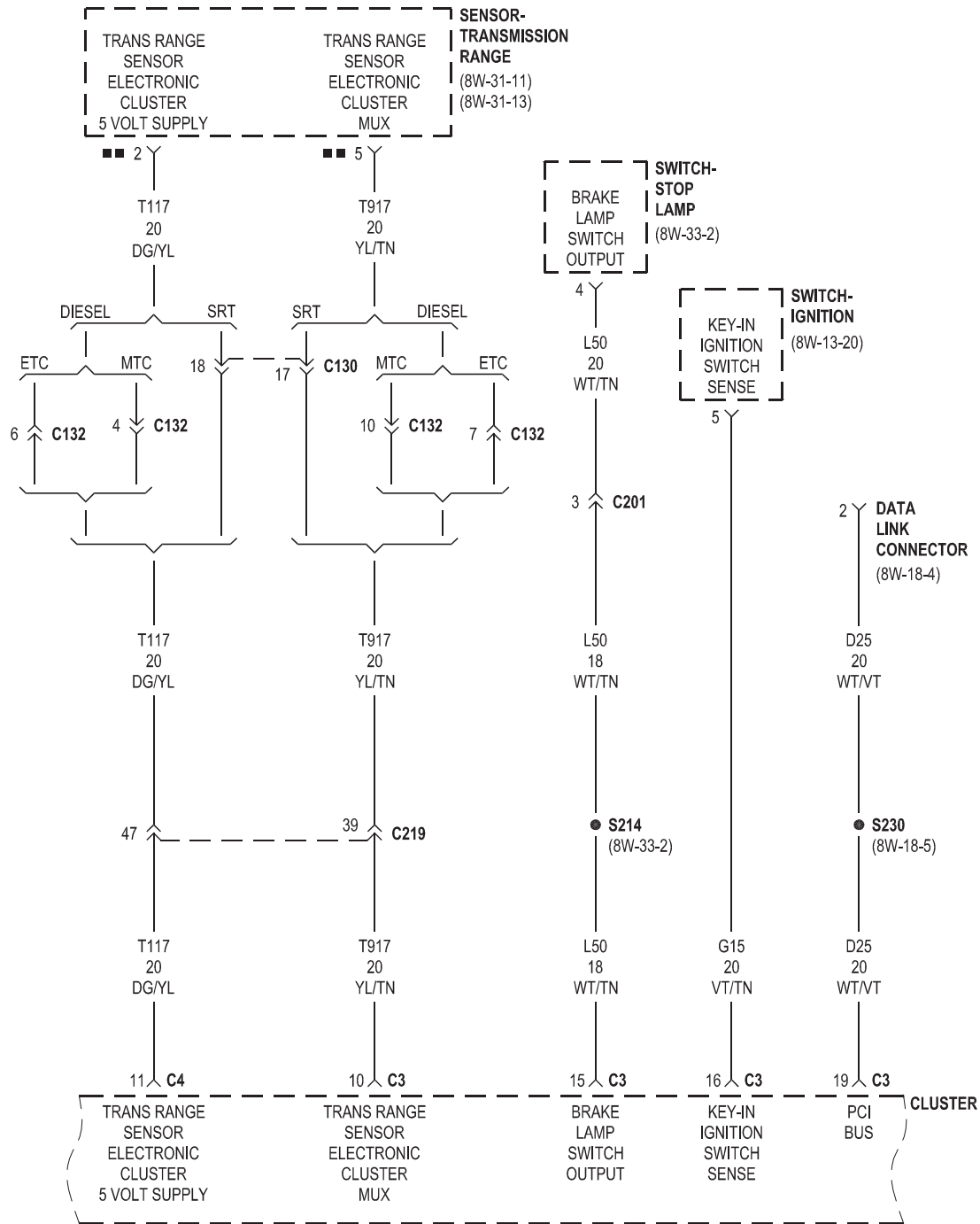


8W-40 INSTRUMENT CLUSTER

Component	Page
Clockspring	8W-40-10
Cluster	8W-40-2, 3, 4, 5, 6, 7, 8, 9, 10, 11
Control-A/C-Heater	8W-40-9
Data Link Connector	8W-40-2, 3
Fuse 18	8W-40-2
Fuse 22	8W-40-2
Fuse 28	8W-40-2, 11
Fuse 41	8W-40-5
Fuse 51	8W-40-2
G110	8W-40-11
G201	8W-40-2, 11
G203	8W-40-2, 5, 10
G303	8W-40-4, 7
Gauge-Engine Oil Temperature	8W-40-11
Lamp-Dome-Rear	8W-40-9
Lamp-Glove Box	8W-40-9
Lamp-High Mounted Stop	8W-40-9
Lamp-Reading-Front	8W-40-9
Latch-Door-Driver	8W-40-8
Latch-Door-Left Rear	8W-40-8
Latch-Door-Passenger	8W-40-7
Latch-Door-Right Rear	8W-40-7
Module-Integrated Power	8W-40-2, 4, 5, 11
PTC No. 2	8W-40-4

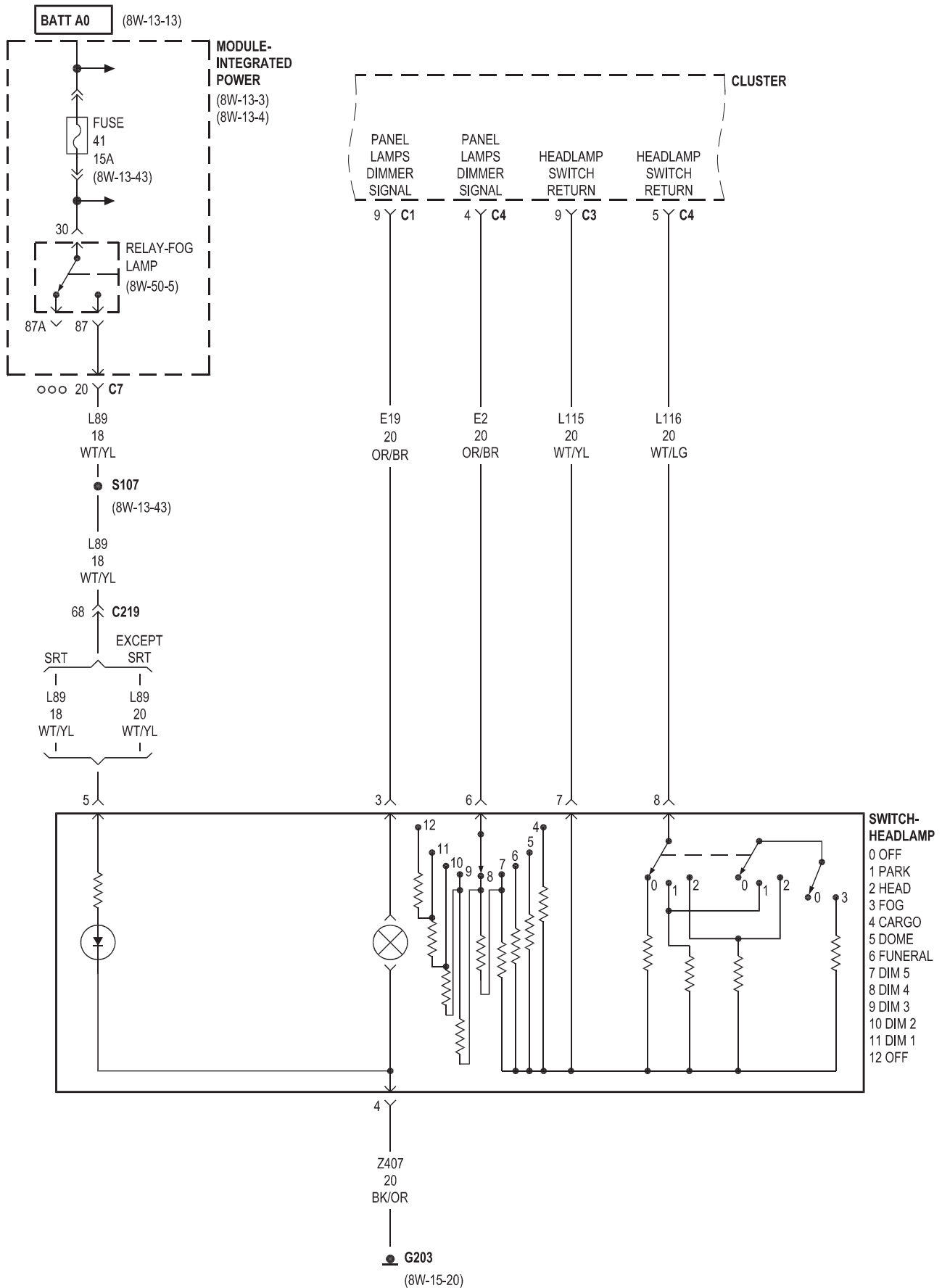
Component	Page
Radio	8W-40-9
Relay-Fog Lamp	8W-40-5
Seat Belt-Tension Reducer-Driver	8W-40-4
Sensor-Engine Oil Temperature	8W-40-11
Sensor-Transfer Case Position	8W-40-10
Sensor-Transmission Range	8W-40-3
Solenoid-Brake Transmission Shift	
Interlock	8W-40-10
Switch-Axle Lock	8W-40-10
Switch-Cylinder Lock-Driver	8W-40-7
Switch-Disconnecting Stabilizer Bar	8W-40-10
Switch-Door Lock-Passenger	8W-40-7
Switch-Headlamp	8W-40-5
Switch-Heated Seat-Driver	8W-40-9
Switch-Horn	8W-40-10
Switch-Ignition	8W-40-3, 4
Switch-Multifunction	8W-40-6
Switch-Parking Brake	8W-40-10
Switch-Remote Radio-Right	8W-40-10
Switch-Seat Belt-Driver	8W-40-4
Switch-Stop Lamp	8W-40-3
Switch-Transfer Case Selector	8W-40-10
Switch-Window/Door Lock-Driver	8W-40-8

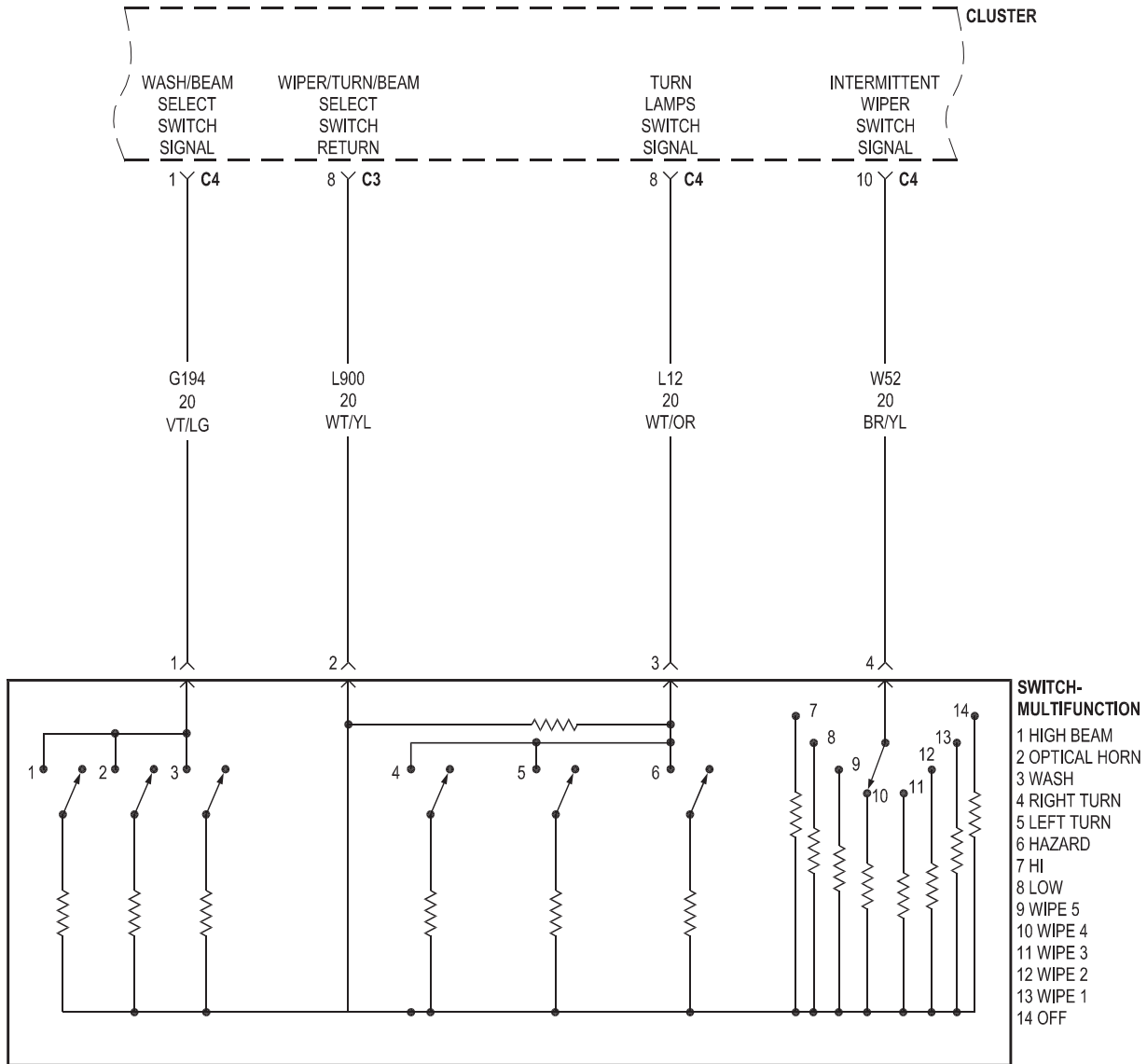




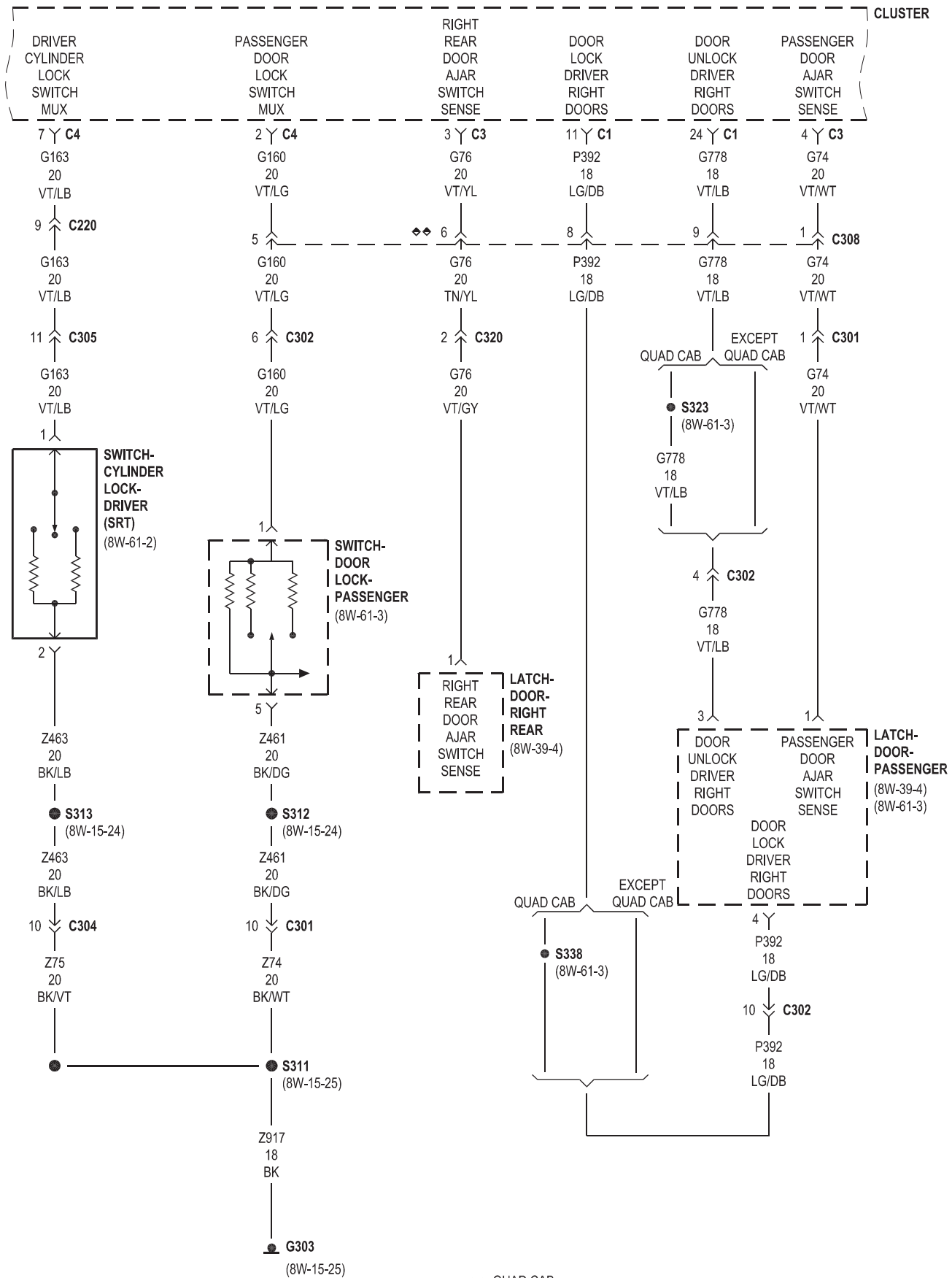
■ ■ A/T







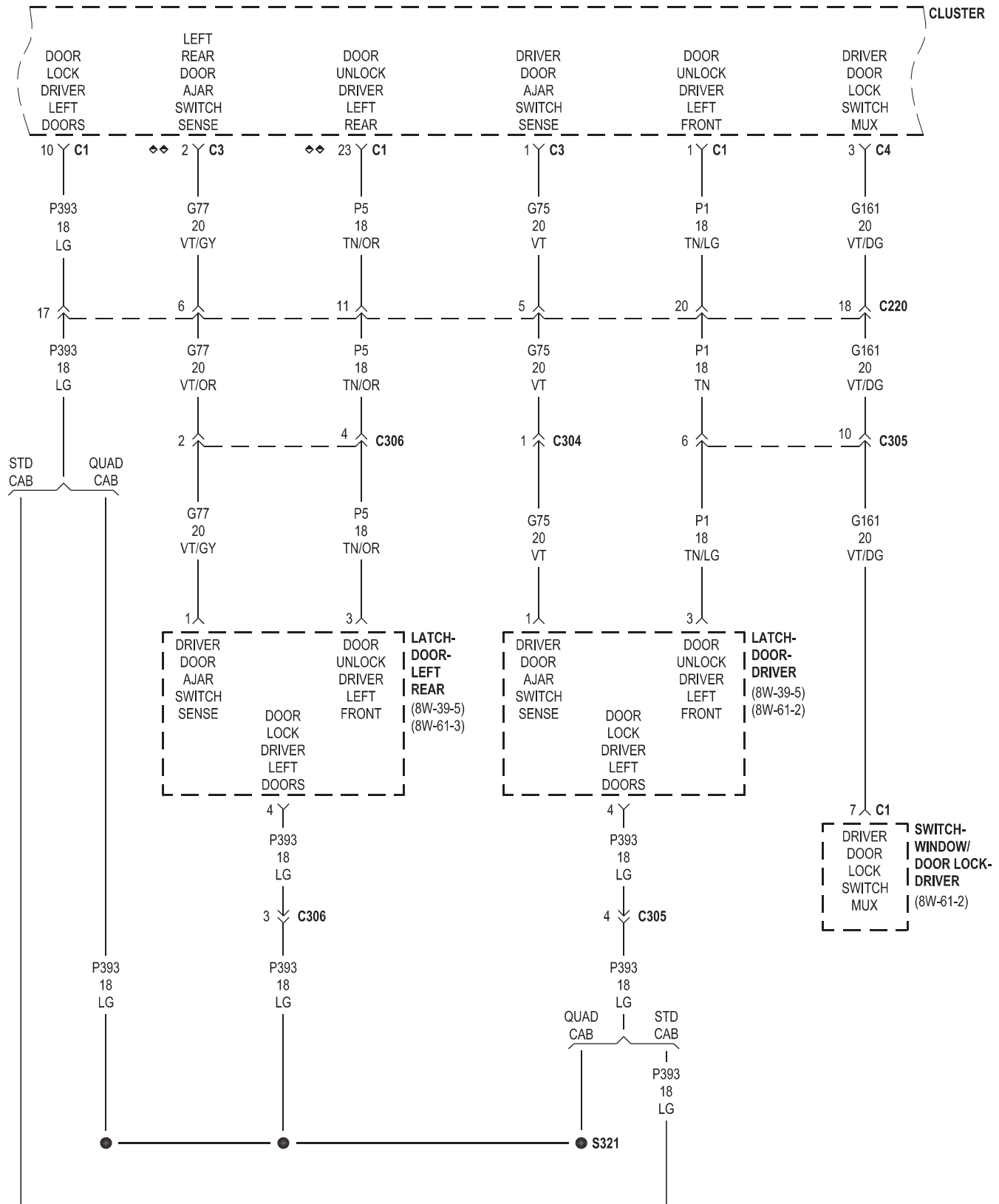
DR 8W-40 INSTRUMENT CLUSTER EXCEPT BASE 8W - 40 - 7



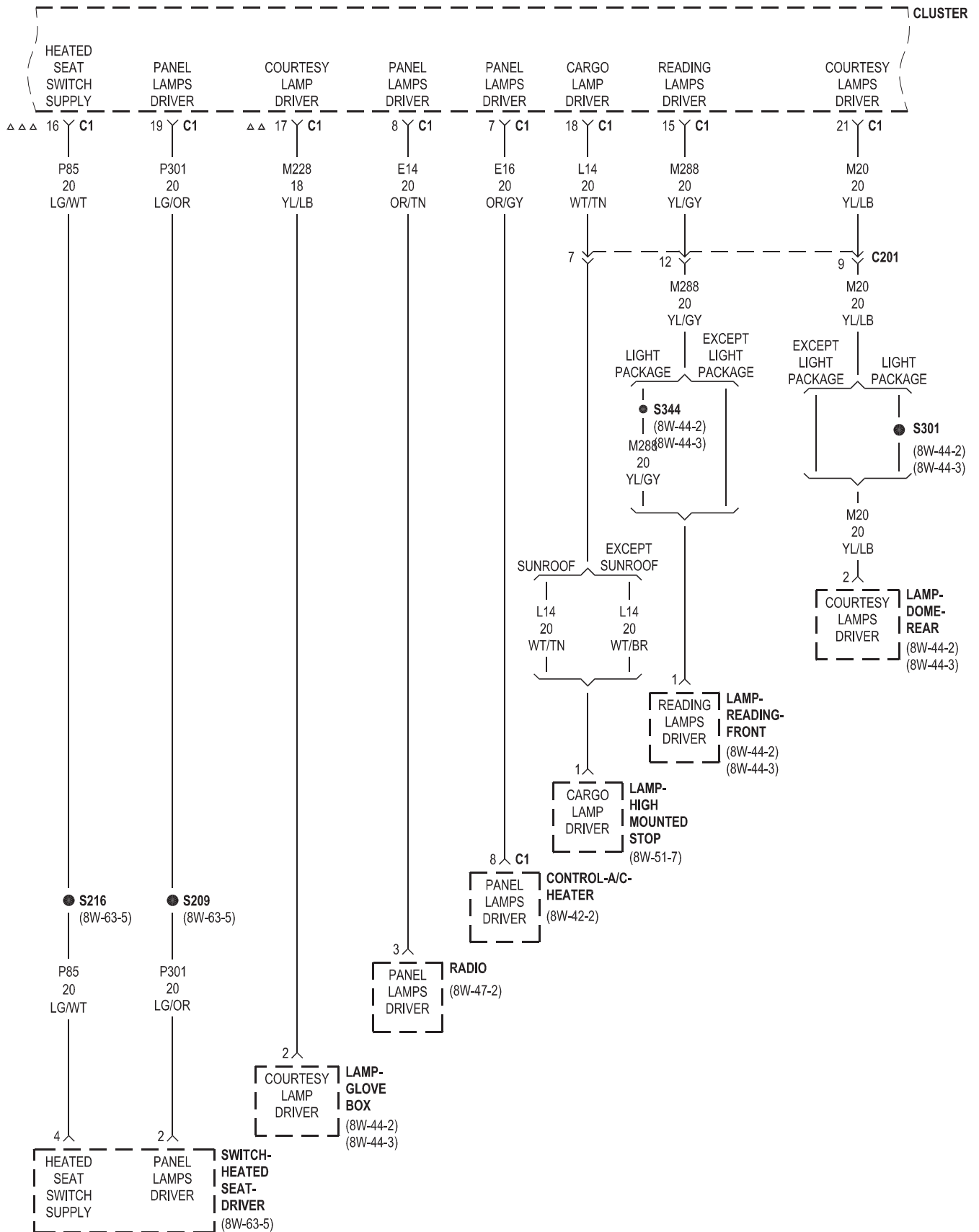
8W - 40 - 8

8W-40 INSTRUMENT CLUSTER EXCEPT BASE

DR



DR 8W-40 INSTRUMENT CLUSTER 8W - 40 - 9

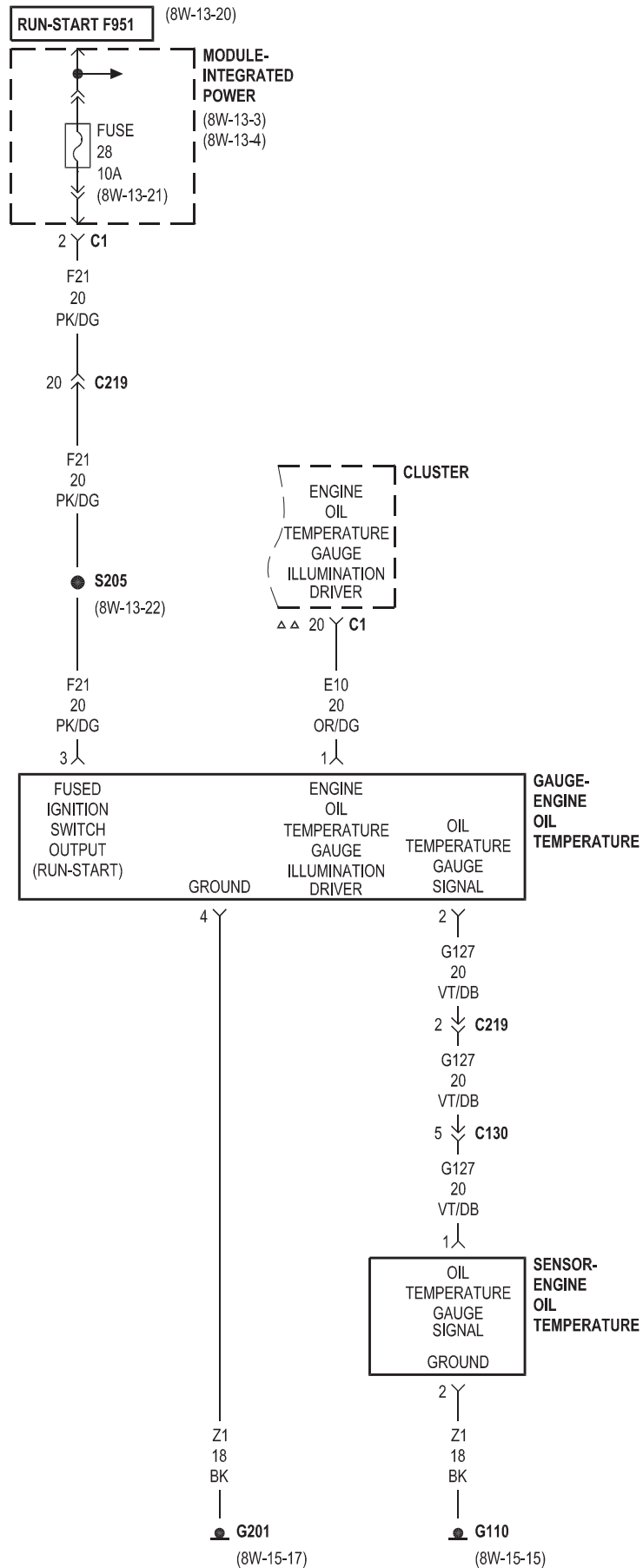


△△ SLT/SRT

△△△ SLT+/SRT



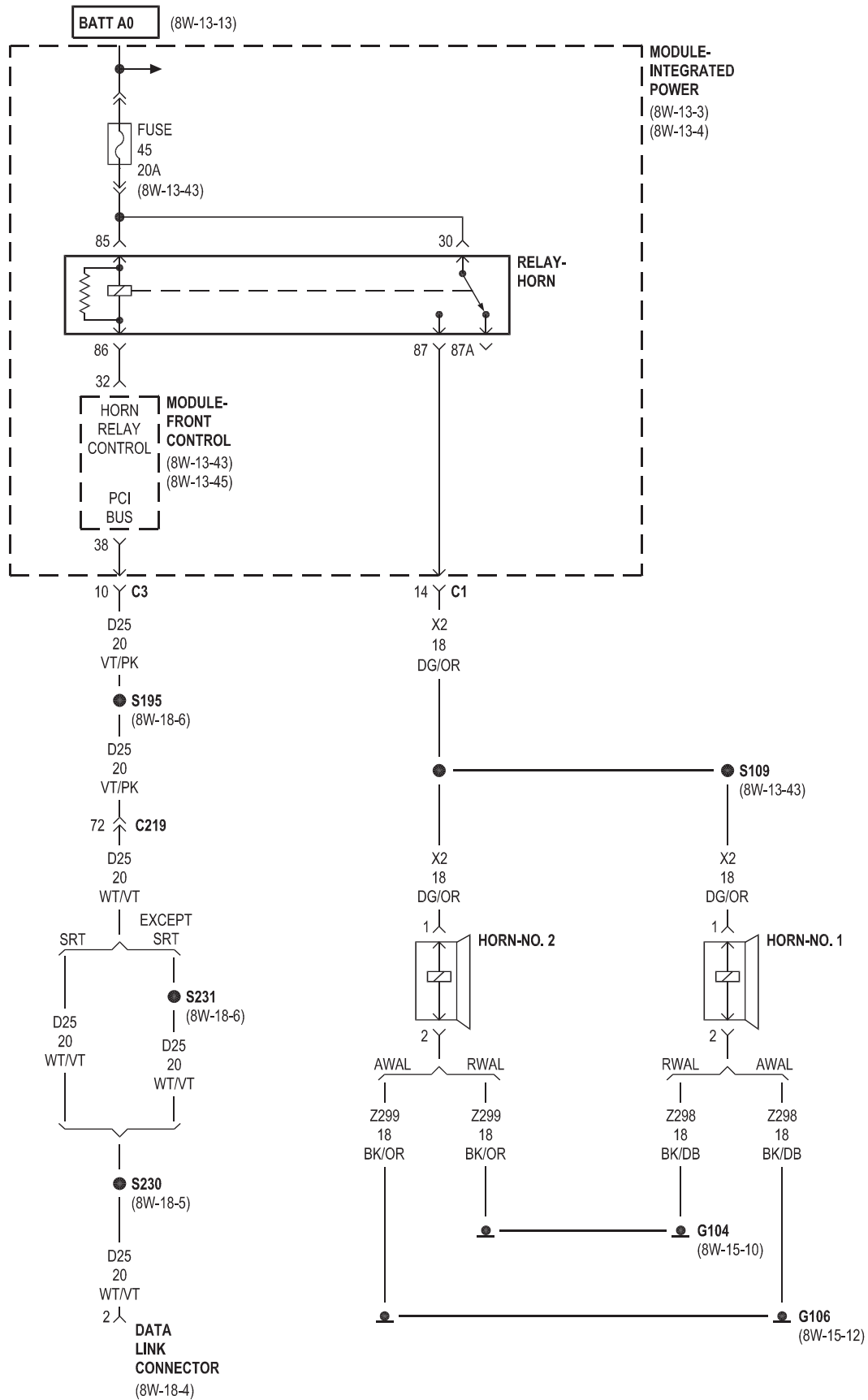
SRT

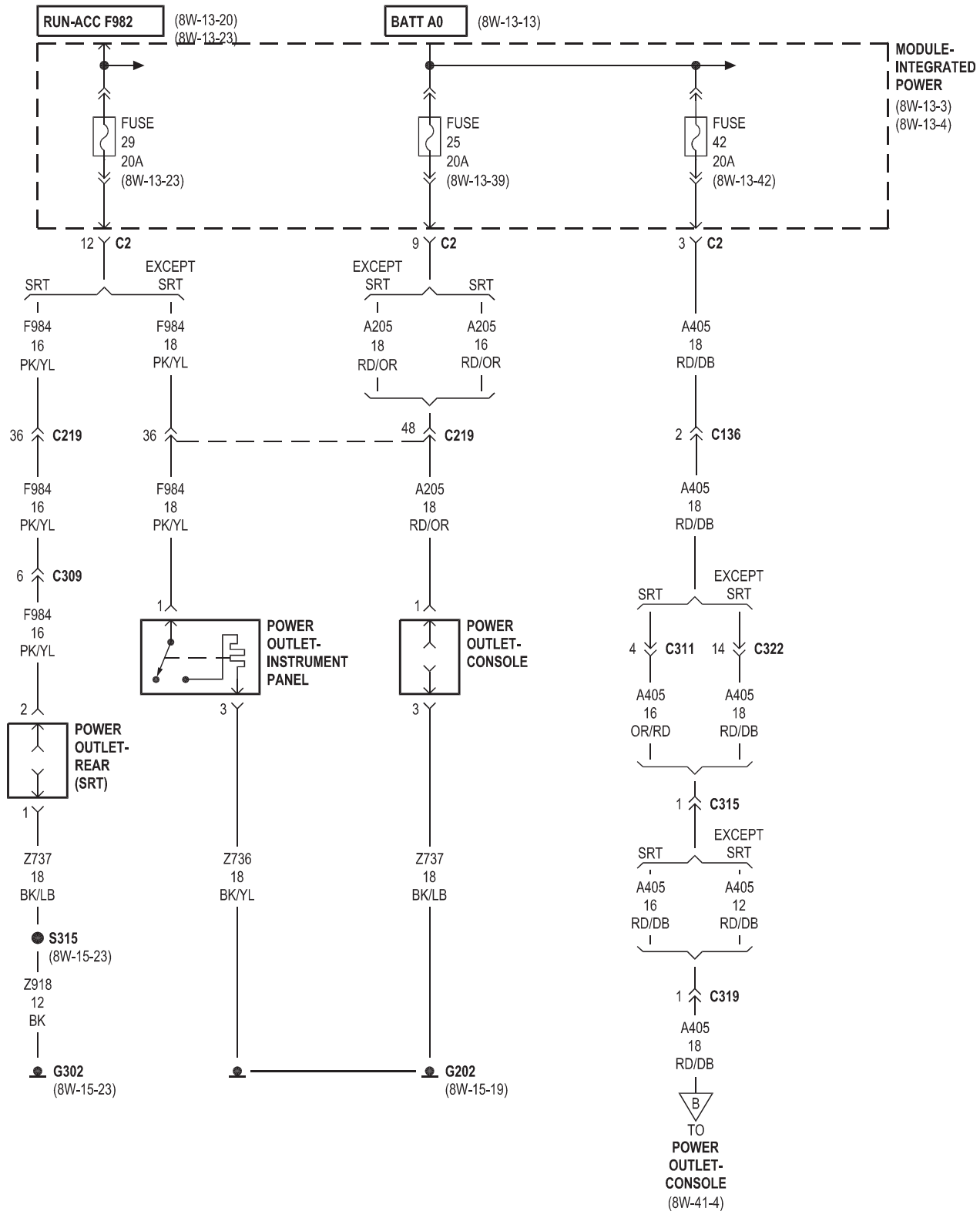


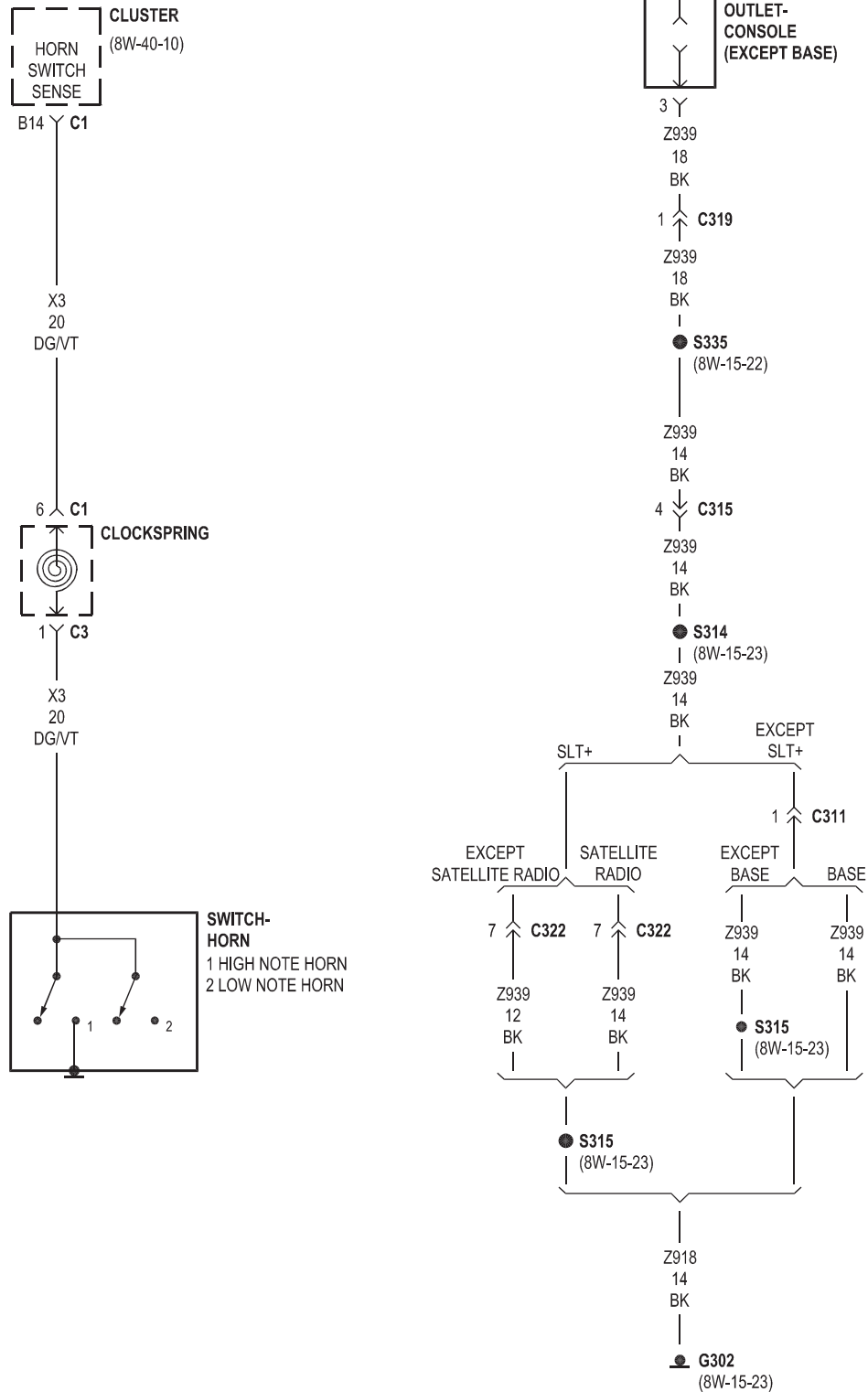
△△ SLT/SRT

8W-41 HORN/CIGAR LIGHTER/POWER OUTLET

Component	Page	Component	Page
Clockspring	8W-41-4	G302	8W-41-3, 4
Cluster	8W-41-4	Horn-No. 1	8W-41-2
Data Link Connector	8W-41-2	Horn-No. 2	8W-41-2
Fuse 25	8W-41-3	Module-Front Control	8W-41-2
Fuse 29	8W-41-3	Module-Integrated Power	8W-41-2, 3
Fuse 42	8W-41-3	Power Outlet-Console	8W-41-3, 4
Fuse 45	8W-41-2	Power Outlet-Instrument Panel	8W-41-3
G104	8W-41-2	Power Outlet-Rear	8W-41-3
G106	8W-41-2	Relay-Horn	8W-41-2
G202	8W-41-3	Switch-Horn	8W-41-4

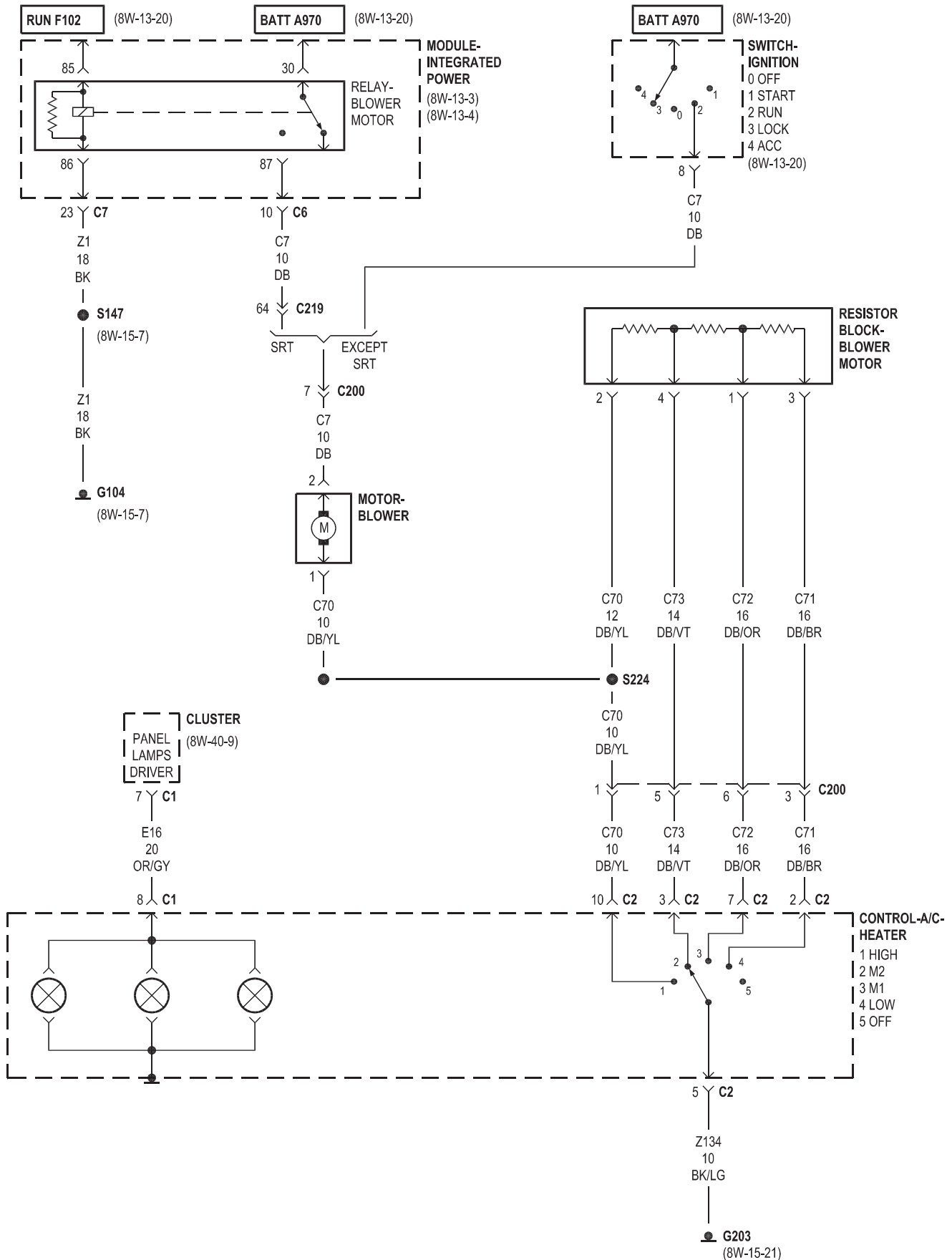


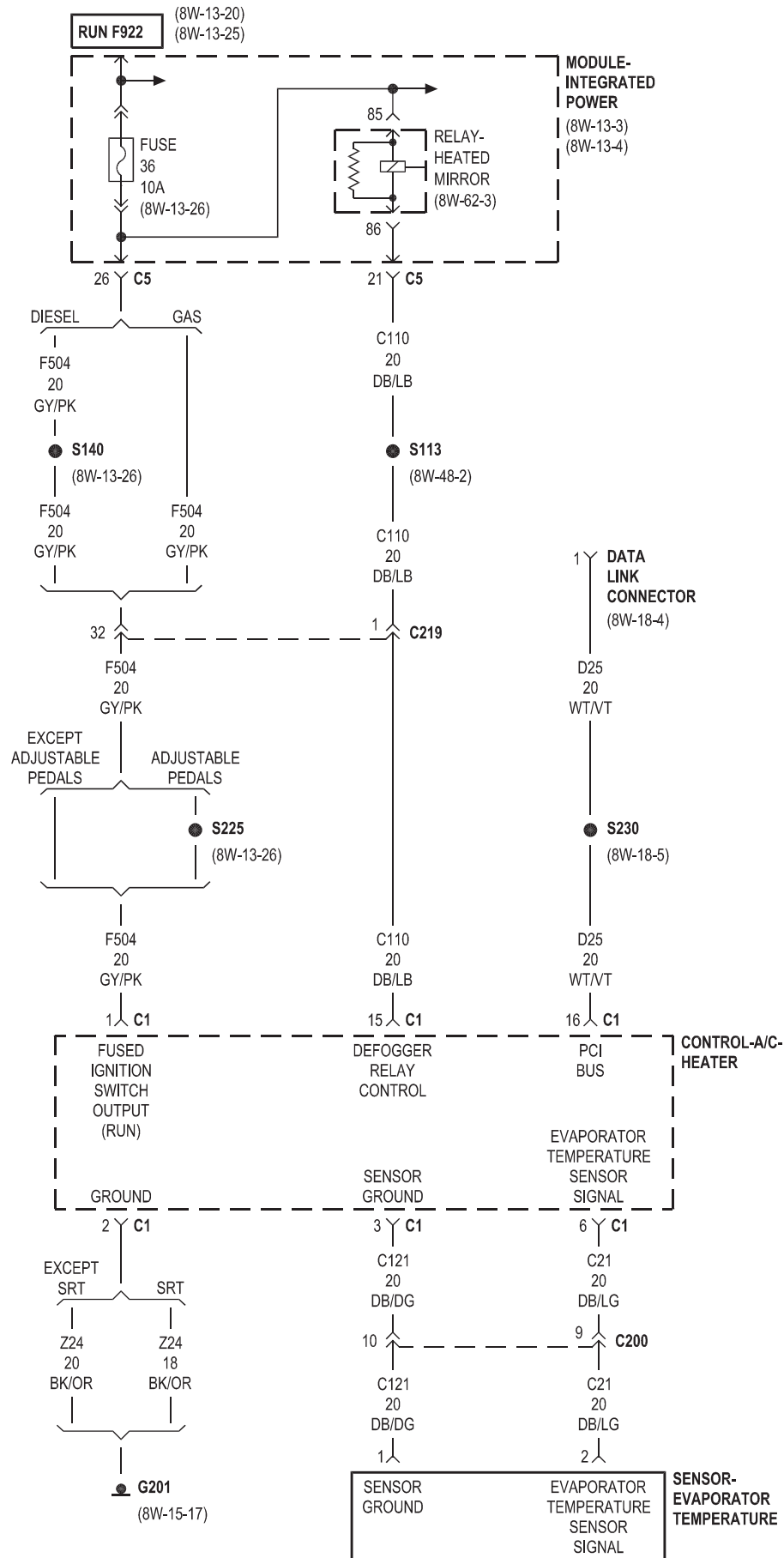


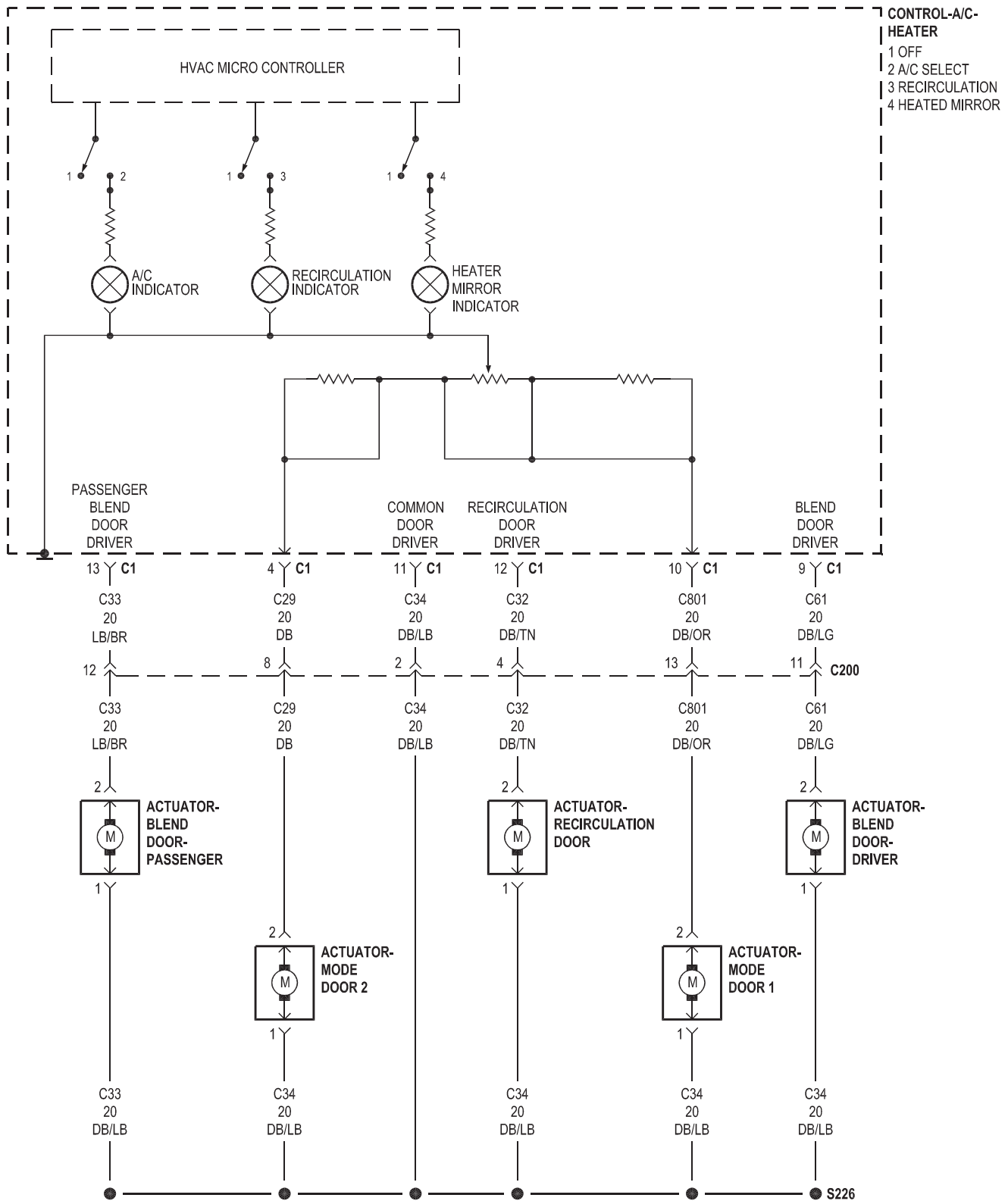


8W-42 AIR CONDITIONING

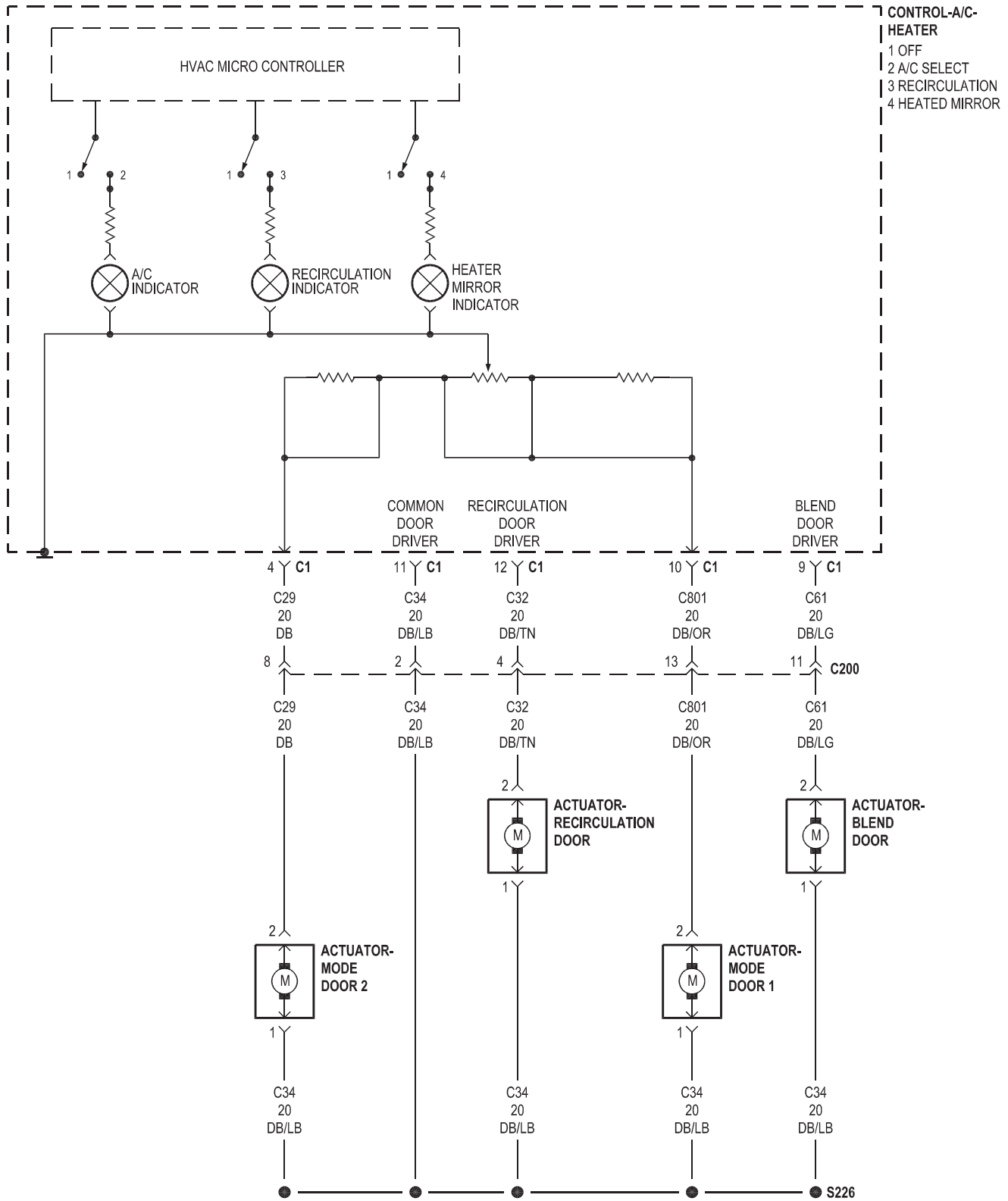
Component	Page	Component	Page
Actuator-Blend Door	8W-42-5	G120	8W-42-6
Actuator-Blend Door-Driver	8W-42-4	G201	8W-42-3
Actuator-Blend Door-Passenger	8W-42-4	G203	8W-42-2
Actuator-Mode Door 1	8W-42-4, 5	Module-Engine Control	8W-42-6, 8
Actuator-Mode Door 2	8W-42-4, 5	Module-Integrated Power	8W-42-2, 3, 6, 9
Actuator-Recirculation Door	8W-42-4, 5	Module-Powertrain Control	8W-42-6, 7, 9
Cluster	8W-42-2	Motor-Blower	8W-42-2
Clutch-A/C Compressor	8W-42-6	Motor-Condenser Fan	8W-42-9
Control-A/C-Heater	8W-42-2, 3, 4, 5	PTC No. 1	8W-42-6
Data Link Connector	8W-42-3, 7	Relay-Blower Motor	8W-42-2
Fuse 12	8W-42-9	Relay-Clutch-A/C Compressor	8W-42-6
Fuse 16	8W-42-6	Relay-Condenser Fan	8W-42-9
Fuse 36	8W-42-3	Relay-Heated Mirror	8W-42-3
G104	8W-42-2, 9	Resistor Block-Blower Motor	8W-42-2
G106	8W-42-9	Sensor-EVAPOrator Temperature	8W-42-3
G107	8W-42-6	Switch-Ignition	8W-42-2
G110	8W-42-6	Transducer-A/C Pressure	8W-42-7, 8

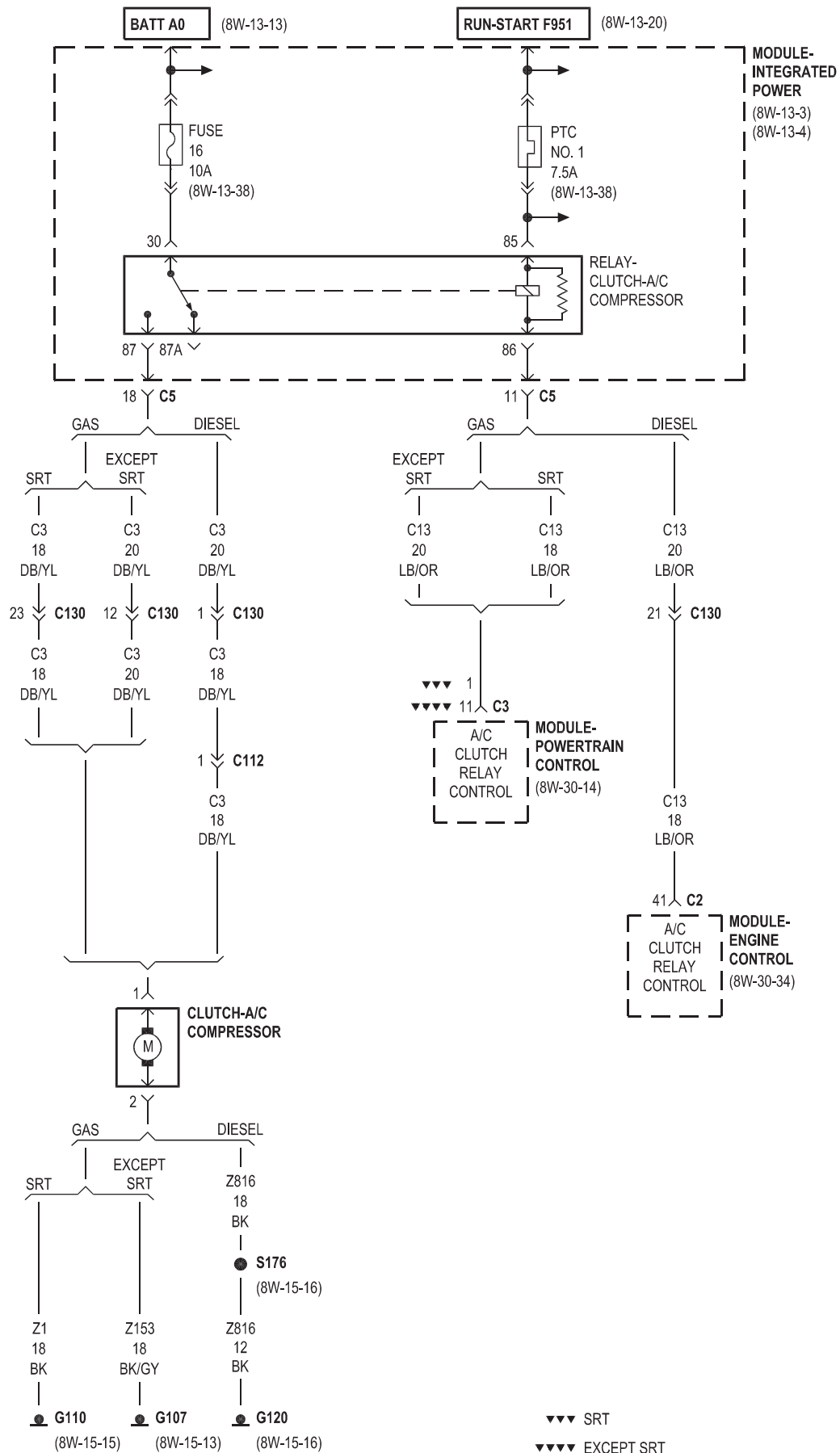




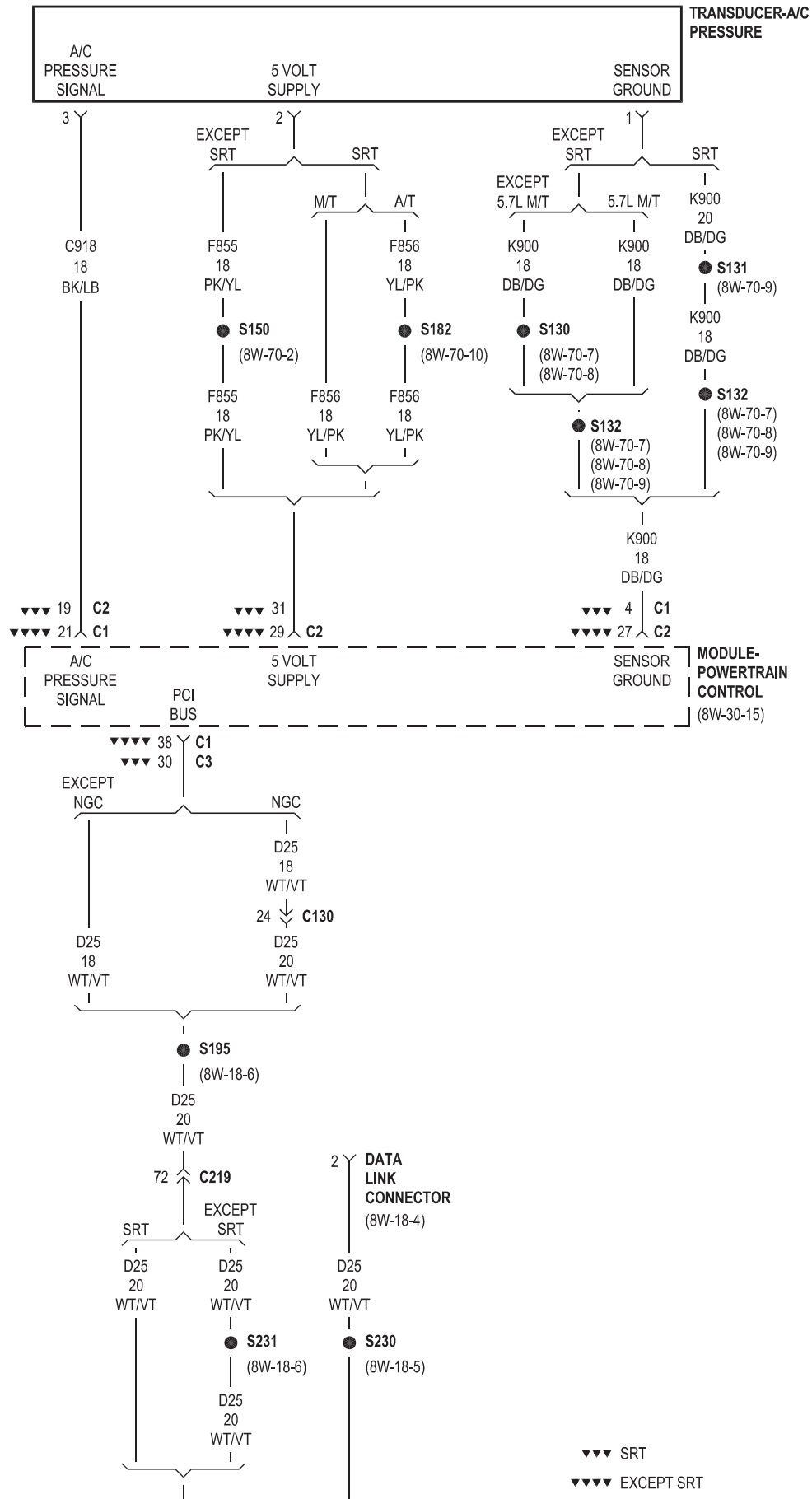


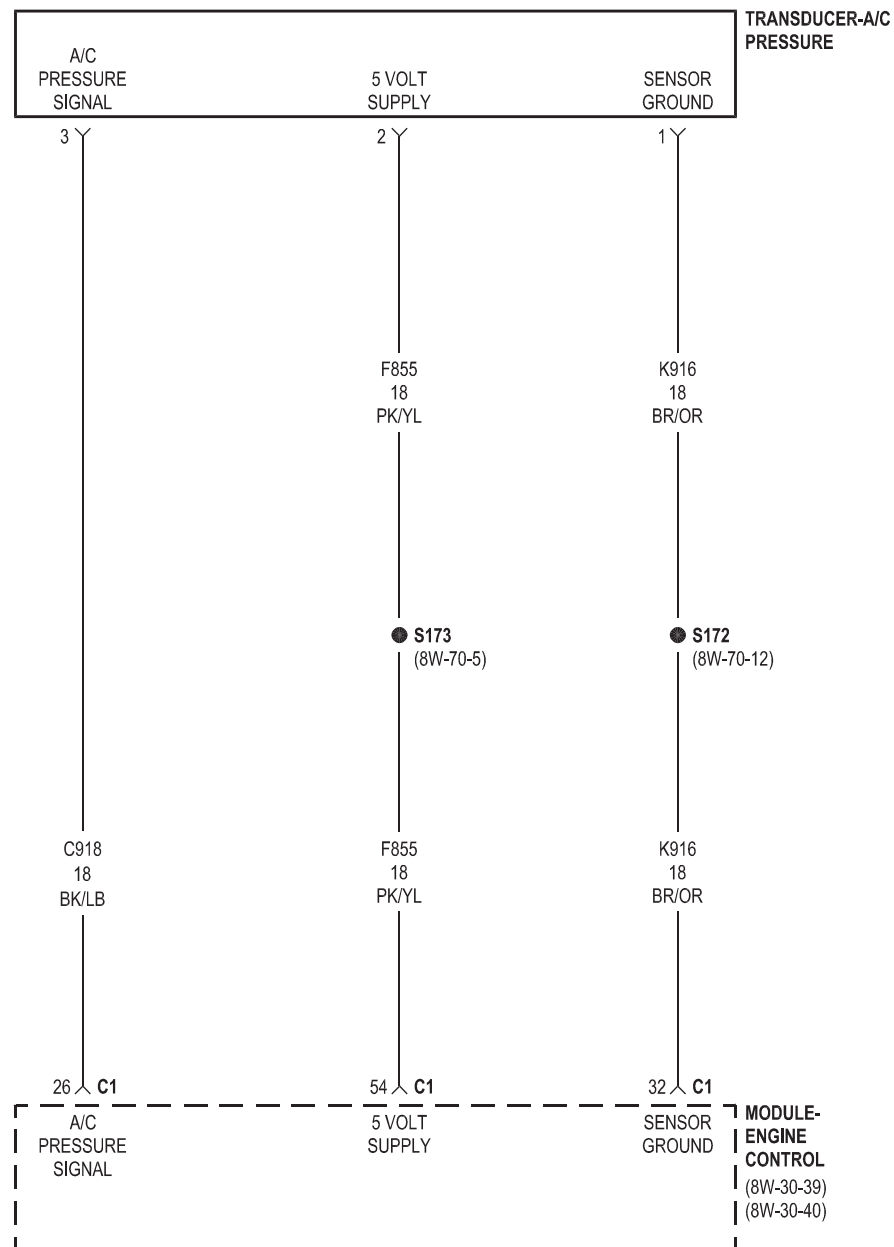
DR **8W-42 AIR CONDITIONING SINGLE ZONE** 8W - 42 - 5

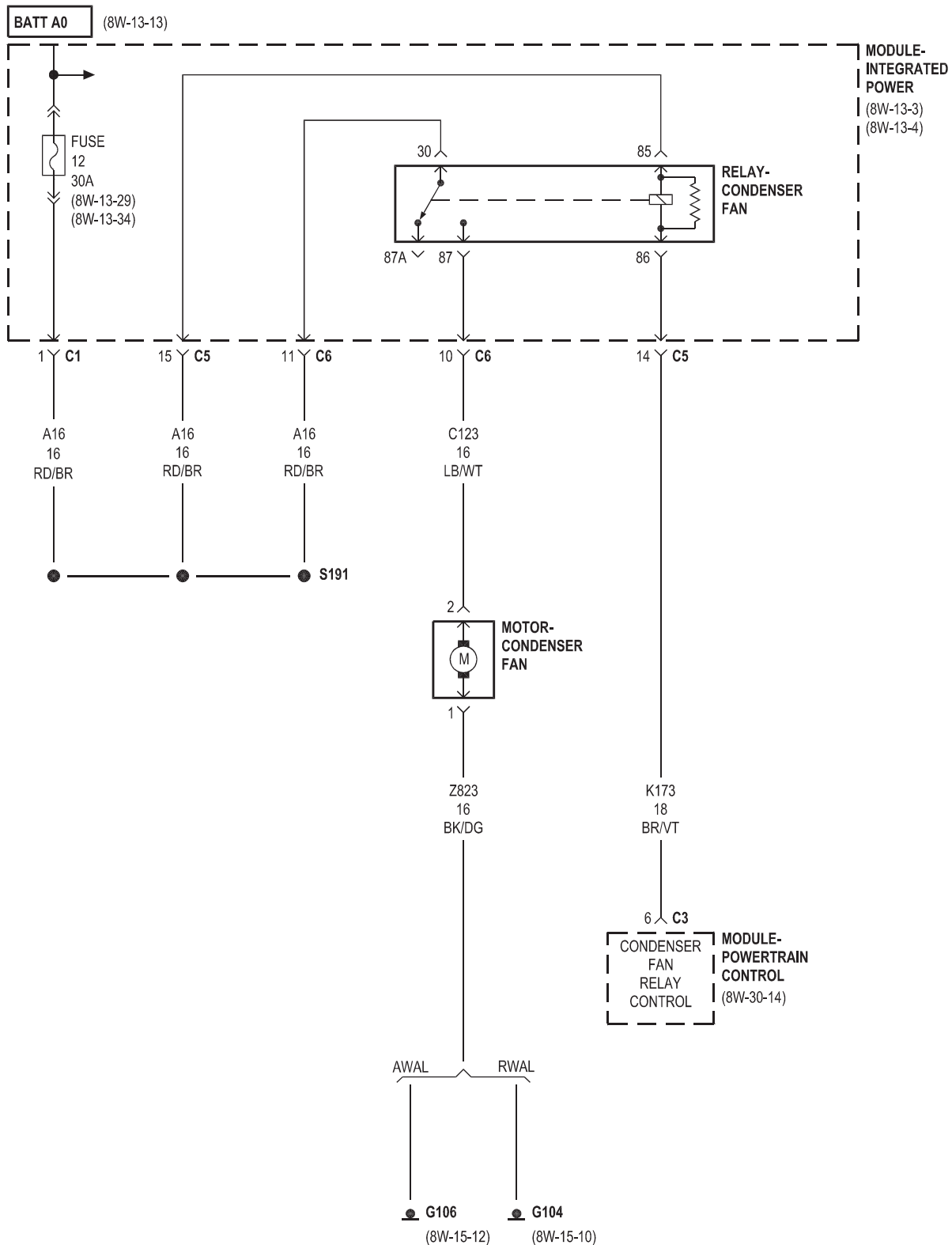




DR 8W-42 AIR CONDITIONING GAS 8W - 42 - 7



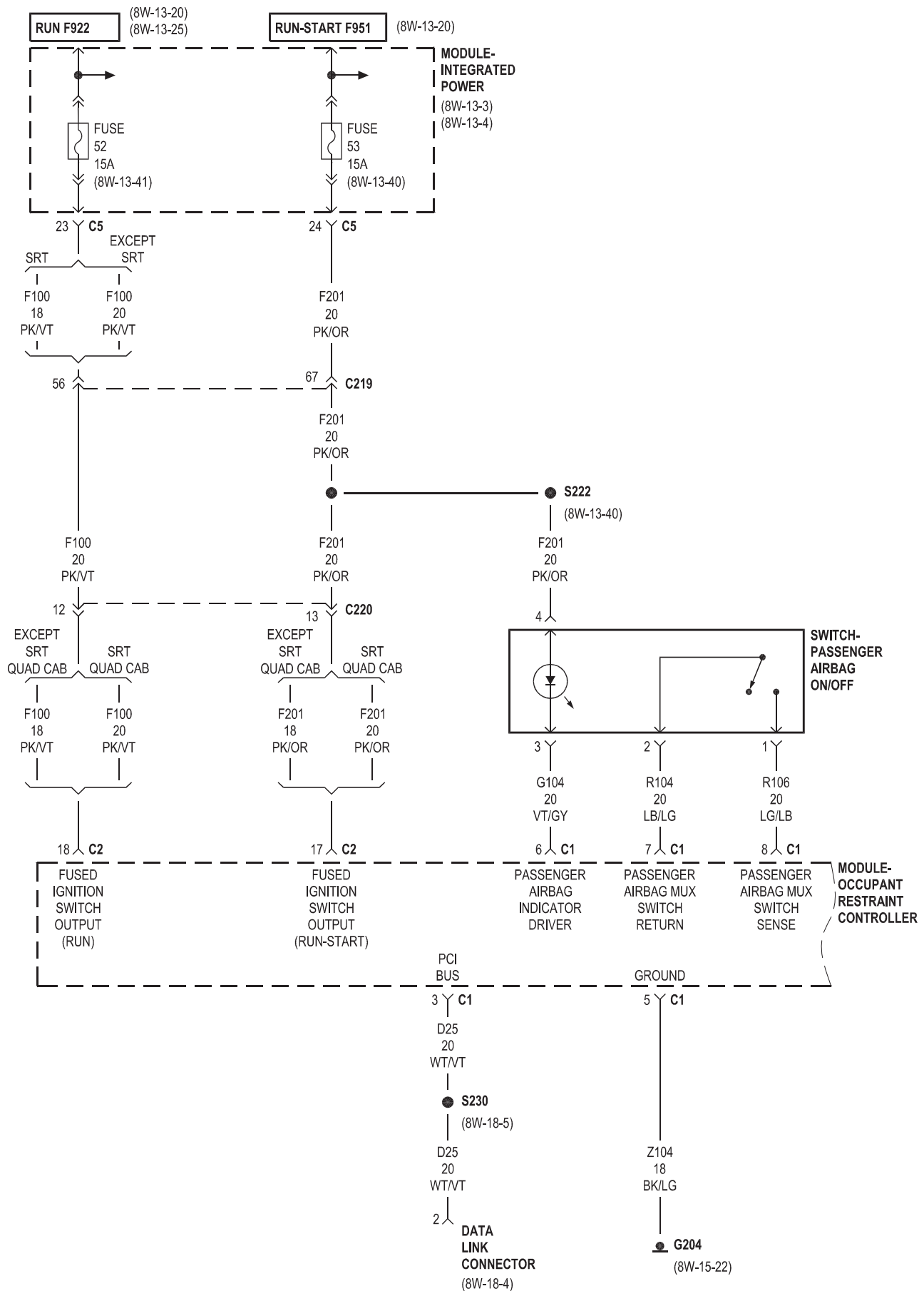


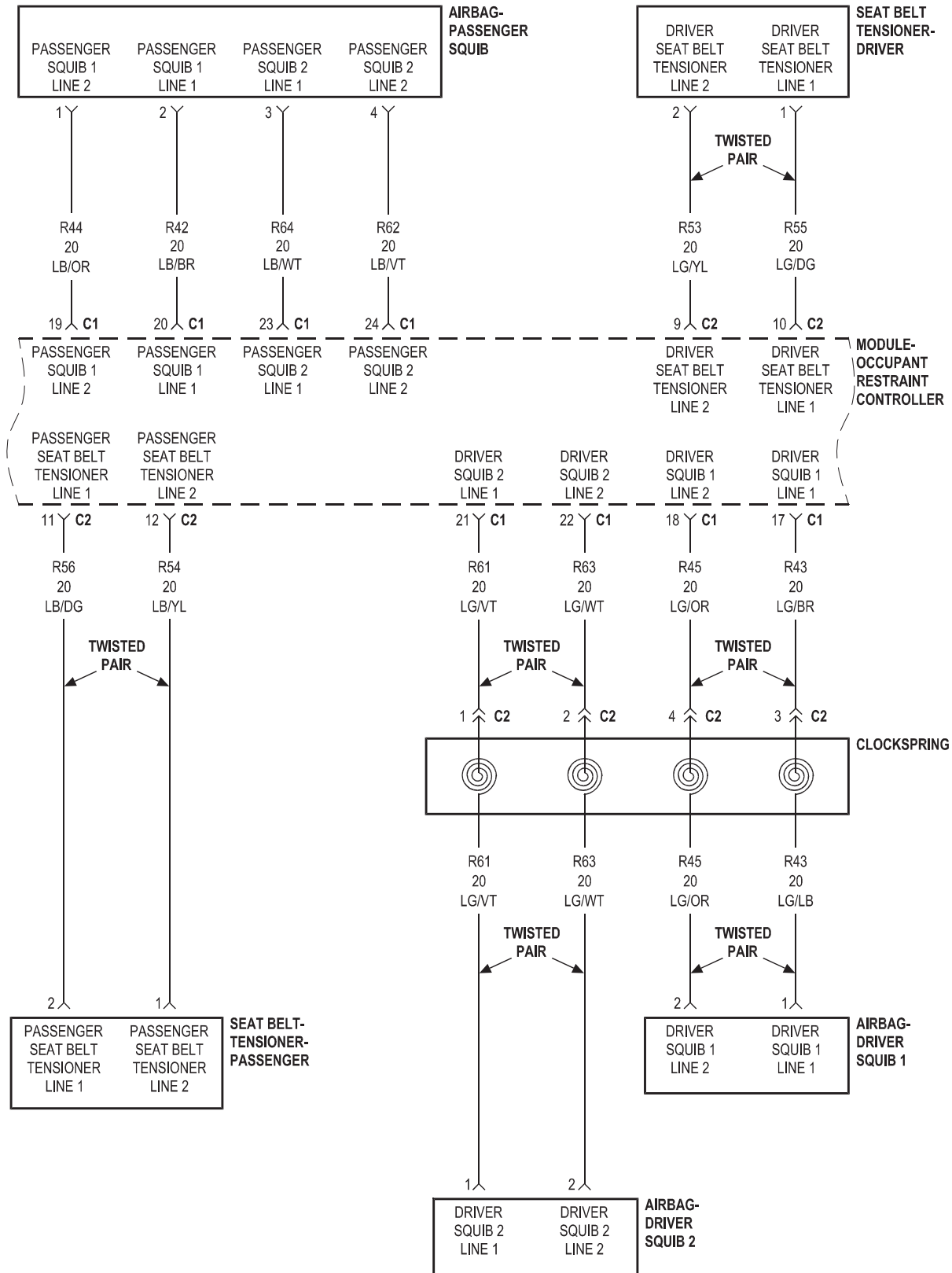


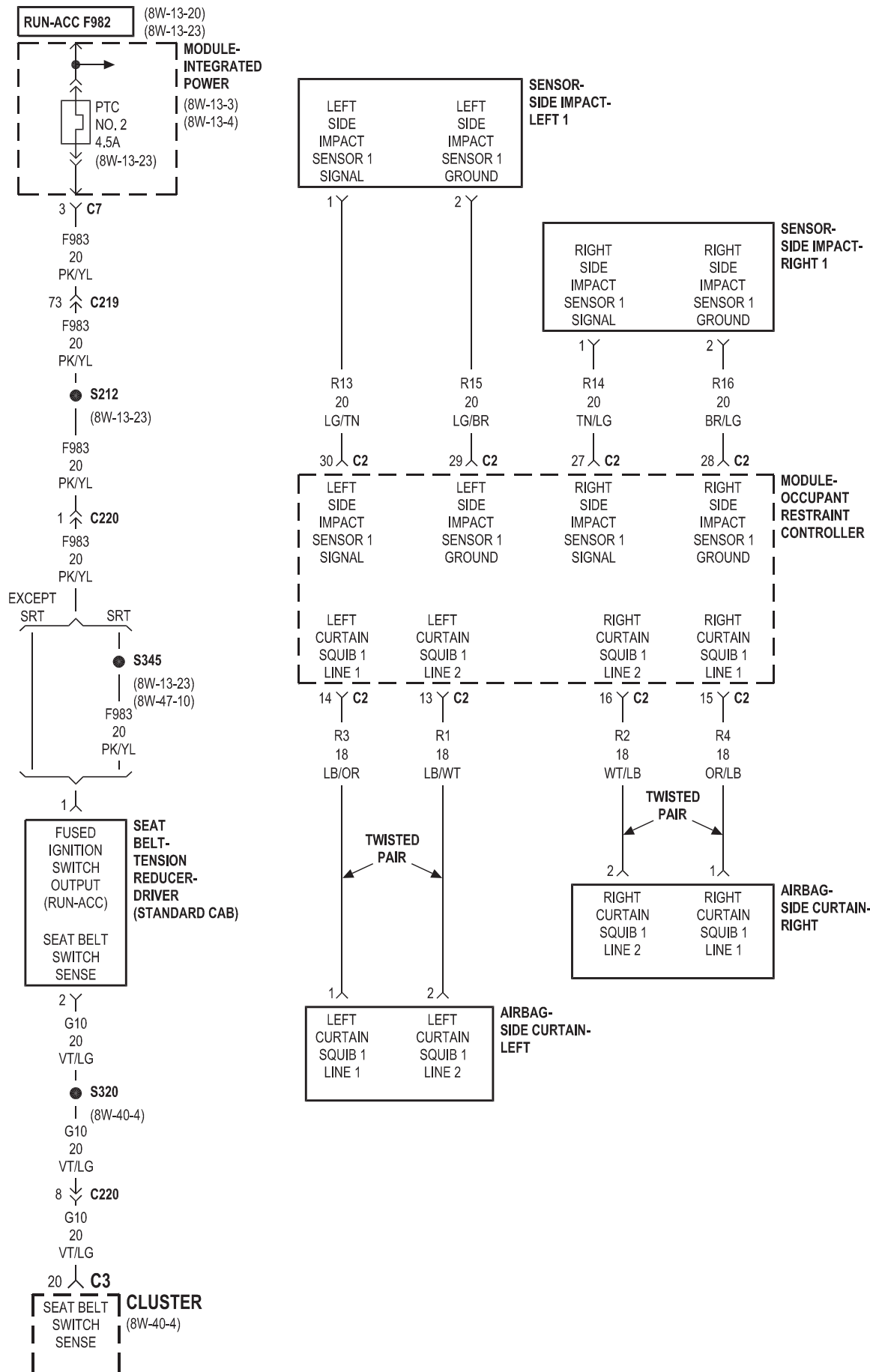
8W-43 OCCUPANT RESTRAINT SYSTEM

Component	Page
Airbag-Driver Squib 1	8W-43-3
Airbag-Driver Squib 2	8W-43-3
Airbag-Passenger Squib	8W-43-3
Airbag-Side Curtain-Left	8W-43-4
Airbag-Side Curtain-Right	8W-43-4
Clockspring	8W-43-3
Cluster	8W-43-4
Data Link Connector	8W-43-2
Fuse 52	8W-43-2
Fuse 53	8W-43-2
G204	8W-43-2

Component	Page
Module-Integrated Power	8W-43-2, 4
Module-Occupant Restraint Controller	8W-43-2, 3, 4
PTC No. 2	8W-43-4
Seat Belt Tensioner-Driver	8W-43-3
Seat Belt-Tension Reducer-Driver	8W-43-4
Seat Belt-Tensioner-Passenger	8W-43-3
Sensor-Side Impact-Left 1	8W-43-4
Sensor-Side Impact-Right 1	8W-43-4
Switch-Passenger Airbag On/Off	8W-43-2







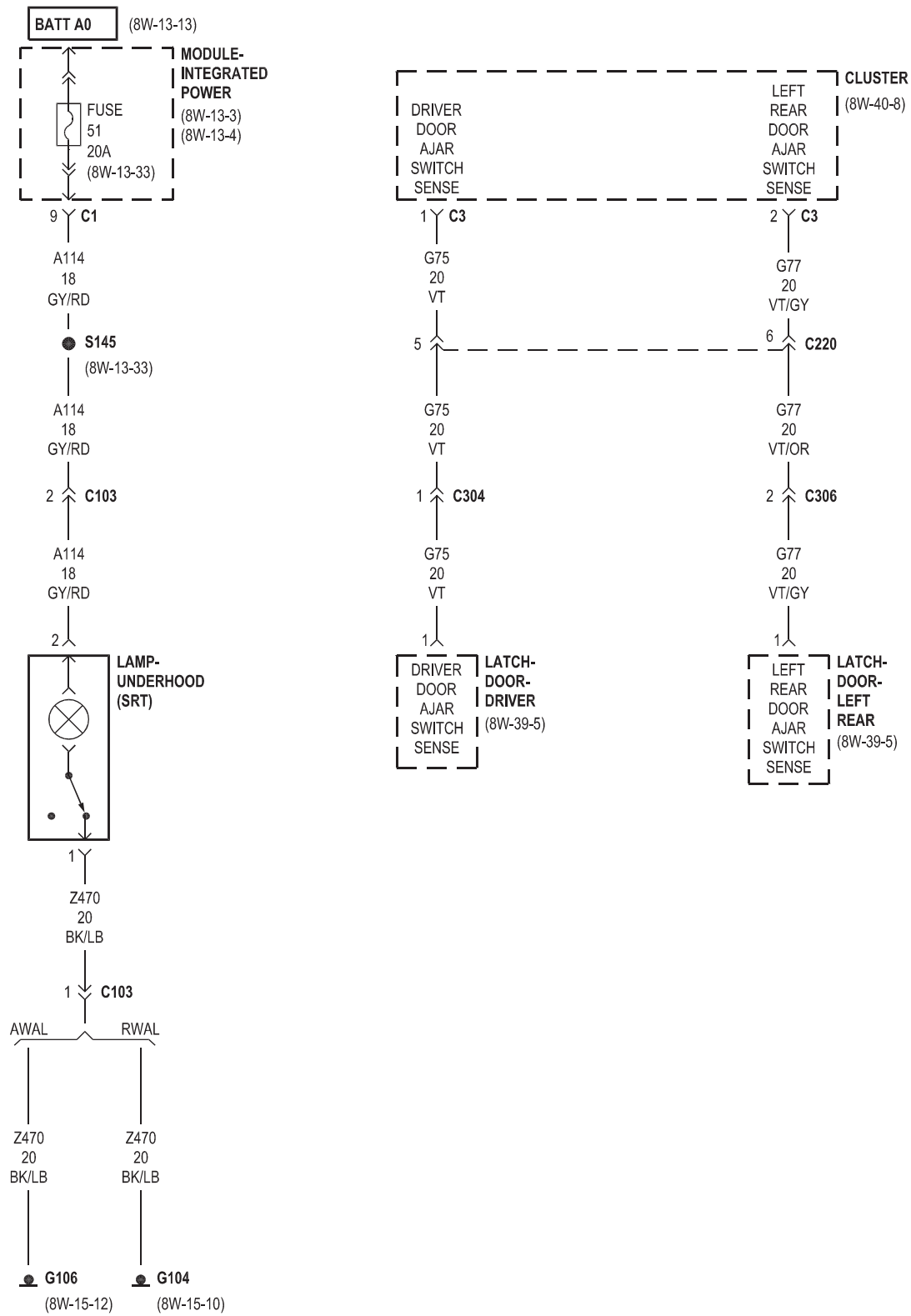
8W-44 INTERIOR LIGHTING

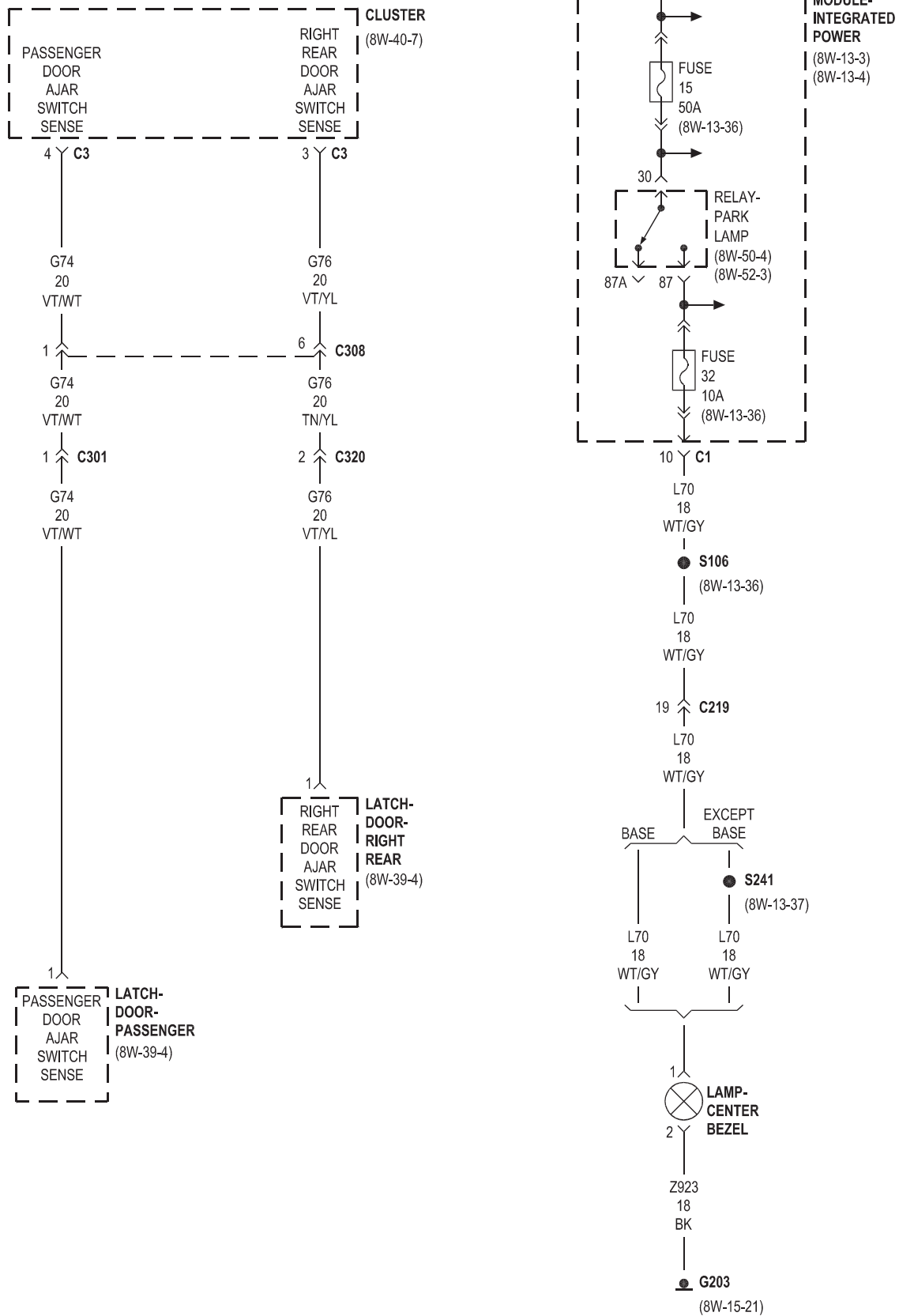
Component	Page
Cluster	8W-44-2, 3, 4, 5
Fuse 15	8W-44-5
Fuse 32	8W-44-5
Fuse 51	8W-44-4
G104	8W-44-4
G106	8W-44-4
G203	8W-44-2, 3, 5
Lamp-Center Bezel	8W-44-5
Lamp-Dome-Rear	8W-44-2, 3
Lamp-Glove Box	8W-44-2, 3
Lamp-High Mounted Stop	8W-44-2

Component	Page
Lamp-Reading-Front	8W-44-2, 3
Lamp-Underhood	8W-44-4
Lamp-Vanity-Left	8W-44-2, 3
Lamp-Vanity-Right	8W-44-2, 3
Latch-Door-Driver	8W-44-4
Latch-Door-Left Rear	8W-44-4
Latch-Door-Passenger	8W-44-5
Latch-Door-Right Rear	8W-44-5
Module-Integrated Power	8W-44-4, 5
Motor-Sunroof	8W-44-2, 3
Relay-Park Lamp	8W-44-5





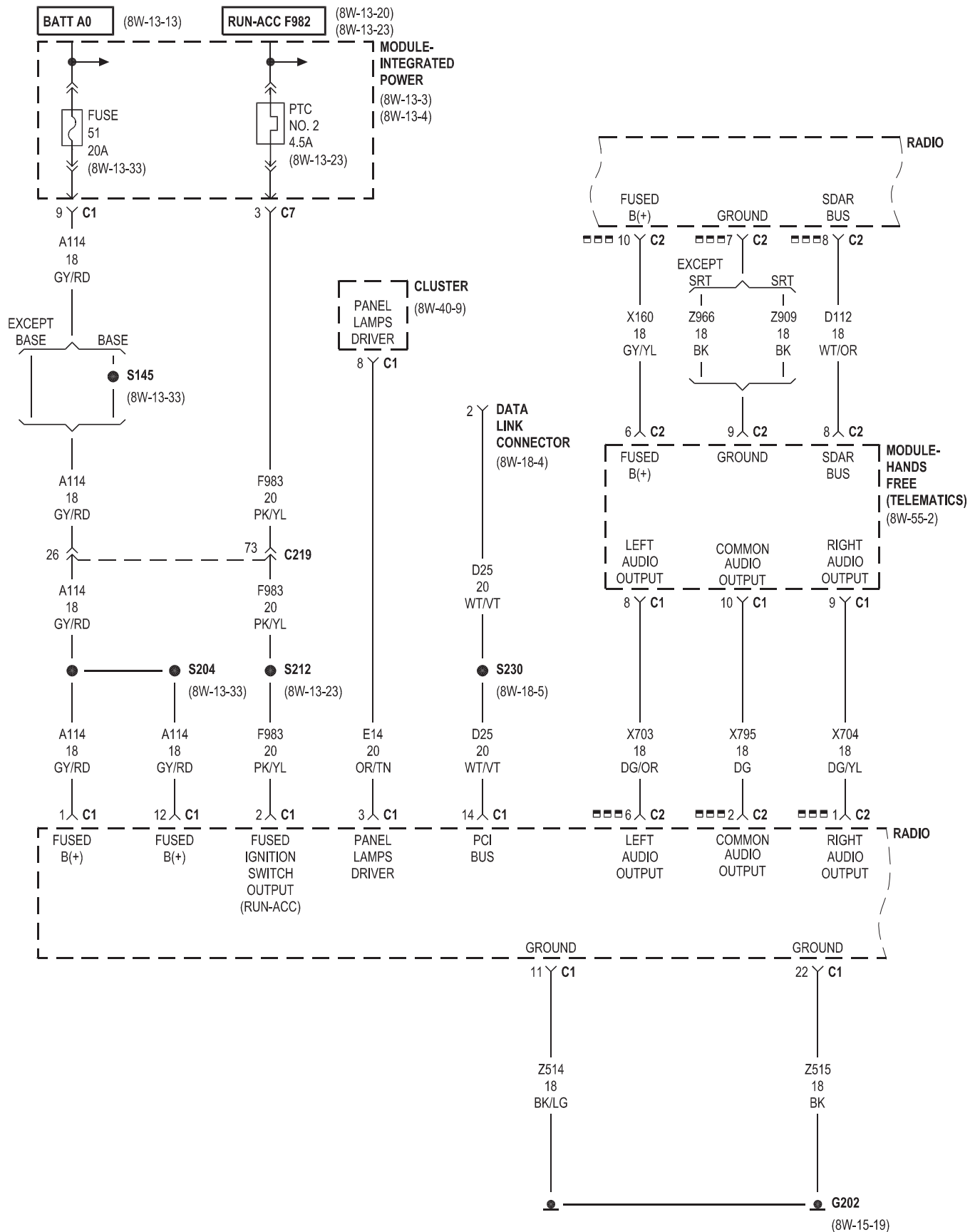




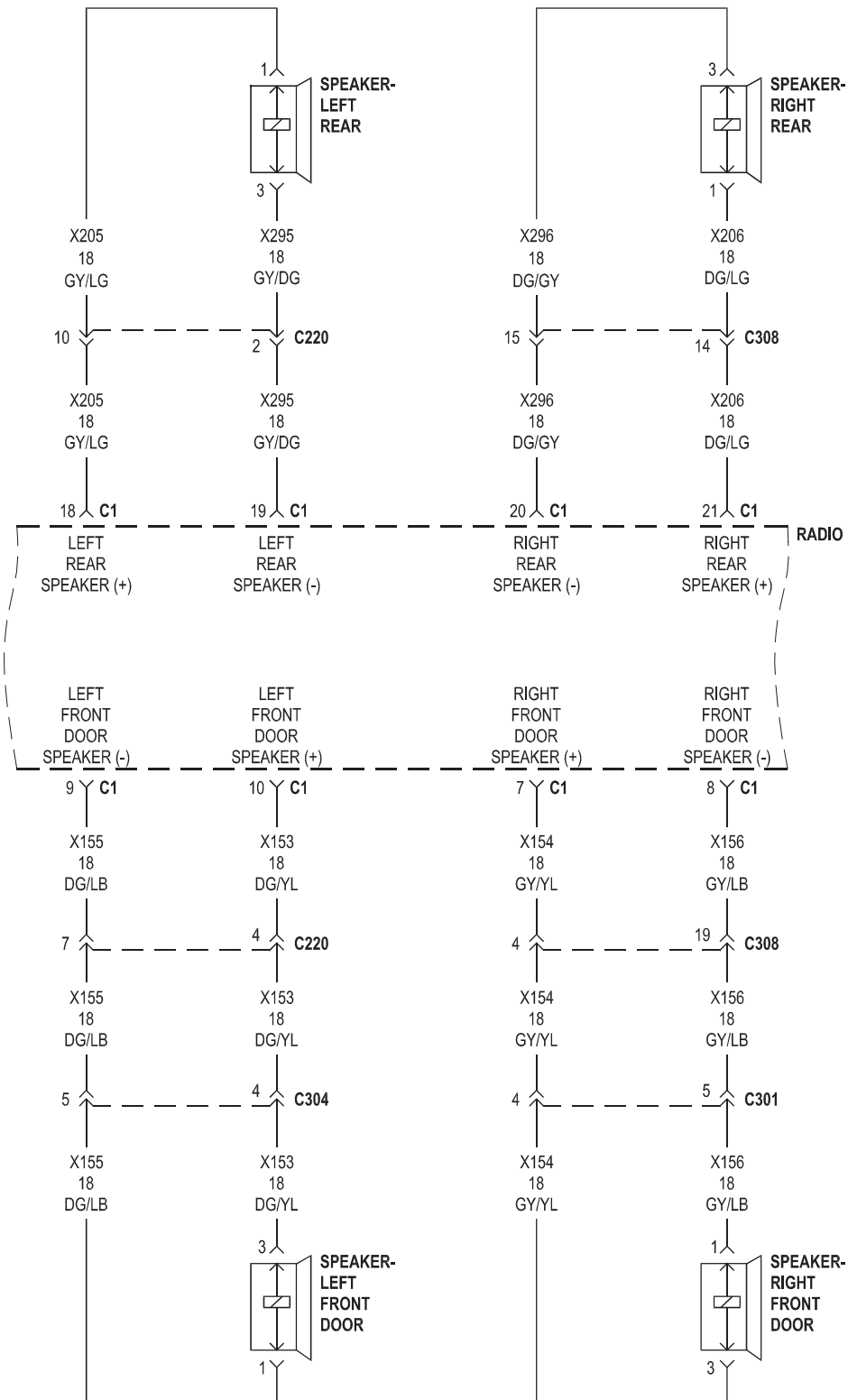
8W-47 AUDIO SYSTEM

Component	Page
Amplifier-Radio	8W-47-4, 5, 10
Amplifier-Subwoofer	8W-47-10
Clockspring	8W-47-9
Cluster	8W-47-2, 9
Data Link Connector	8W-47-2, 5
Fuse 21	8W-47-5
Fuse 43	8W-47-10
Fuse 51	8W-47-2
G201	8W-47-9
G202	8W-47-2, 5
G302	8W-47-10
Module-Hands Free	8W-47-2, 5, 8
Module-Integrated Power	8W-47-2, 5, 10

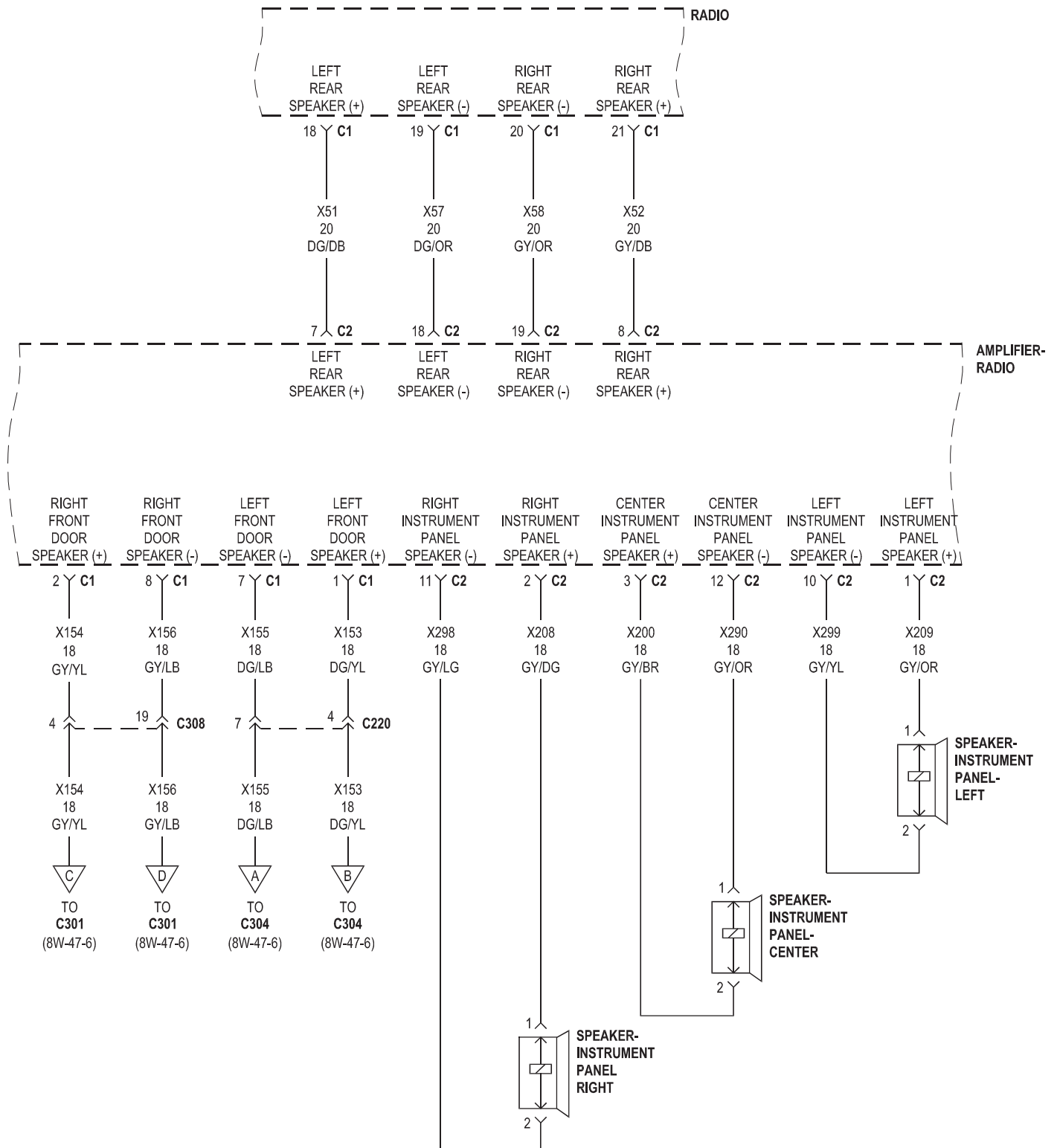
Component	Page
PTC No. 2	8W-47-2, 5
Radio	8W-47-2, 3, 4, 7, 9, 10
Receiver-Satellite	8W-47-7, 8
Speaker-Instrument Panel Right	8W-47-4
Speaker-Instrument Panel-Center	8W-47-4
Speaker-Instrument Panel-Left	8W-47-4
Speaker-Left Front Door	8W-47-3, 6
Speaker-Left Rear	8W-47-3, 5, 6
Speaker-Right Front Door	8W-47-3, 6
Speaker-Right Rear	8W-47-3, 5, 6
Speaker-Subwoofer	8W-47-10
Switch-Remote Radio-Left	8W-47-9
Switch-Remote Radio-Right	8W-47-9

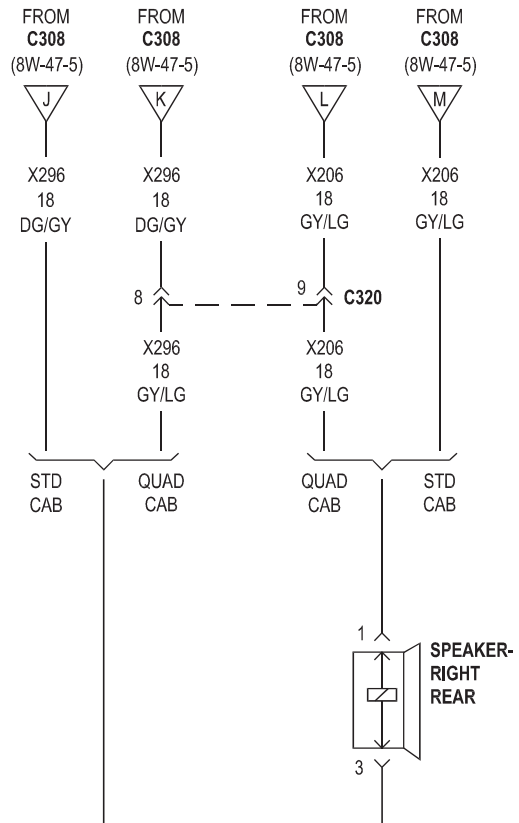
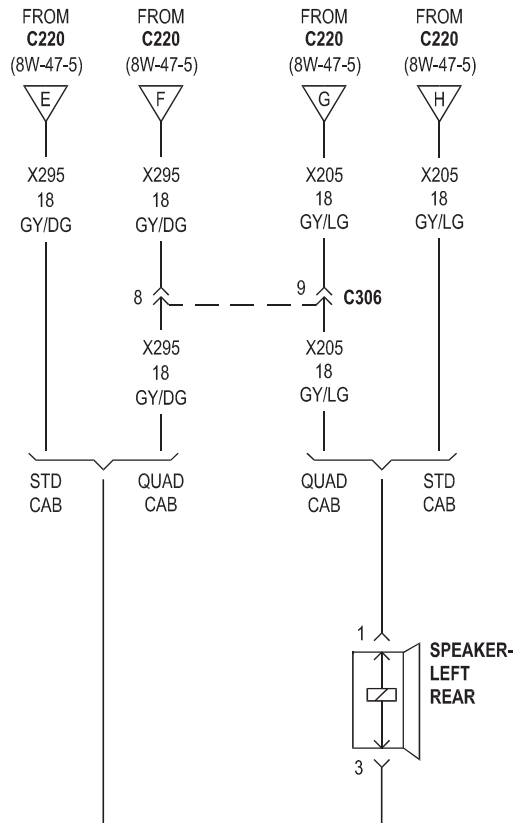
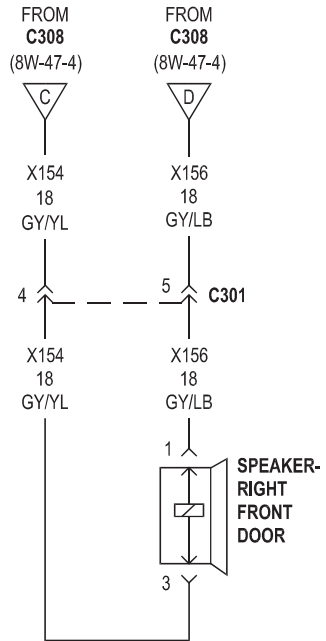
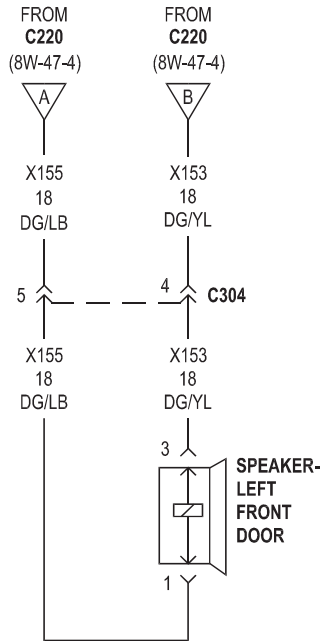


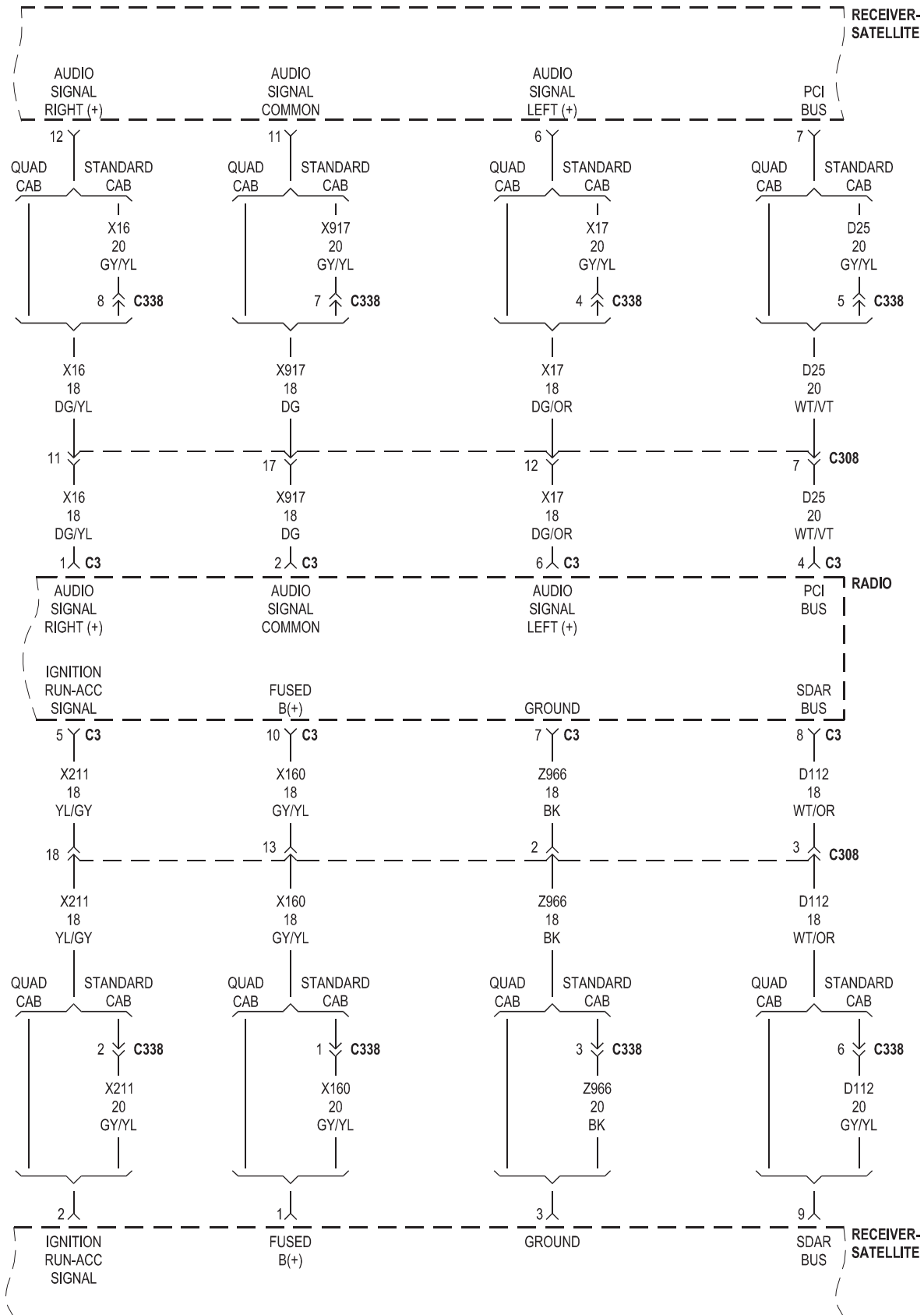
DR **8W-47 AUDIO SYSTEM BASE** 8W - 47 - 3

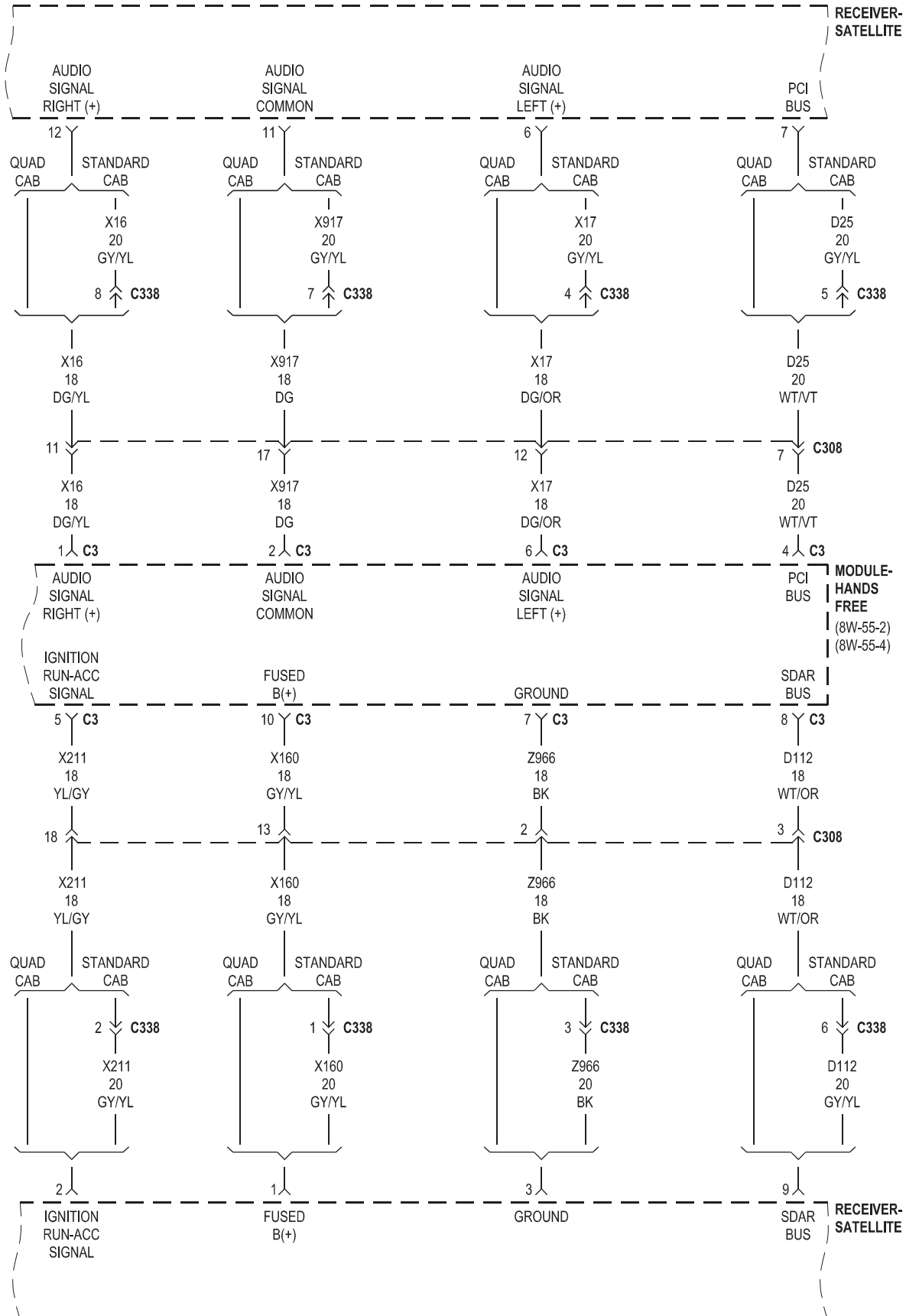


PREMIUM EXCEPT HANDS FREE CAPABLE

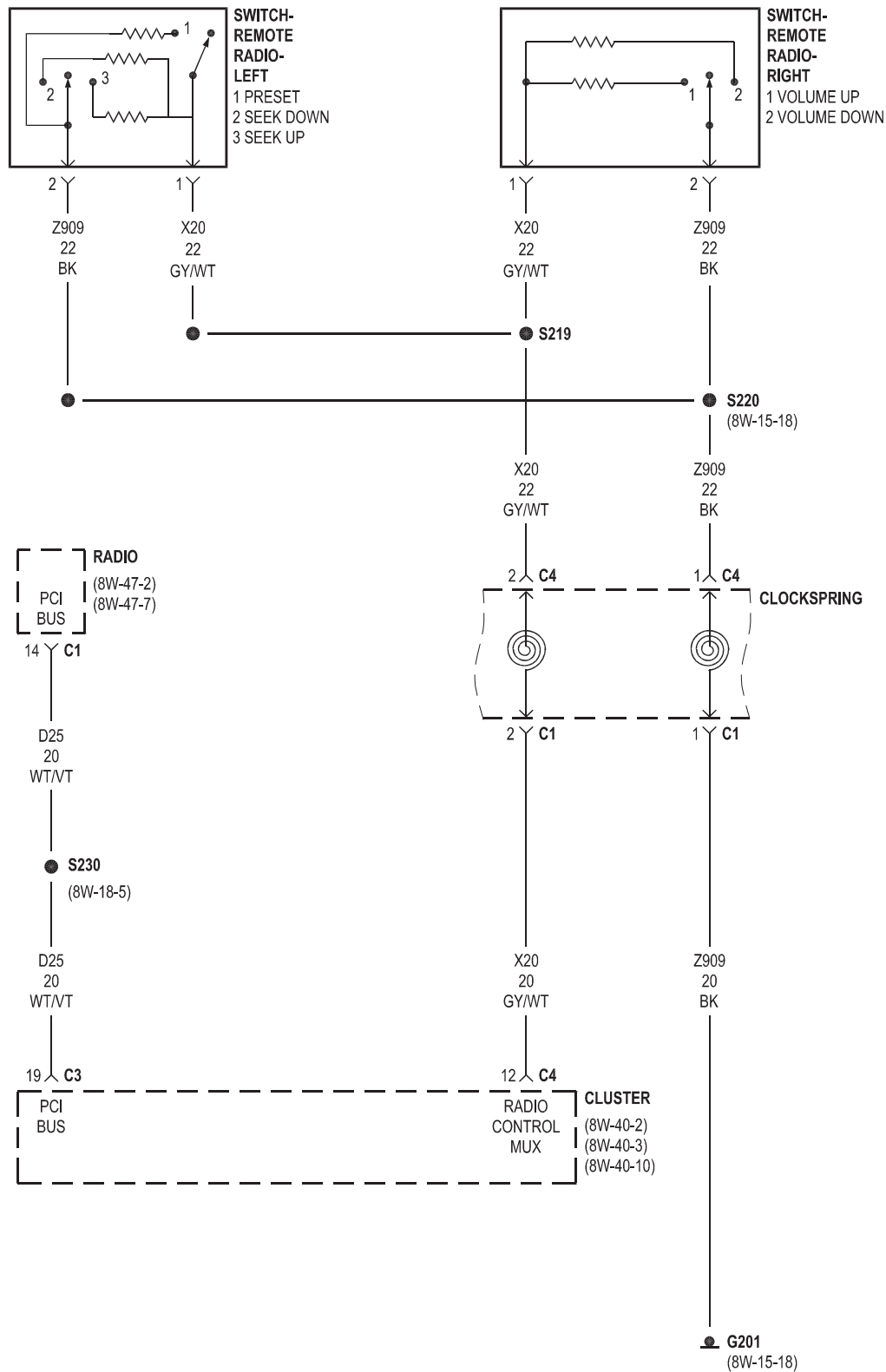


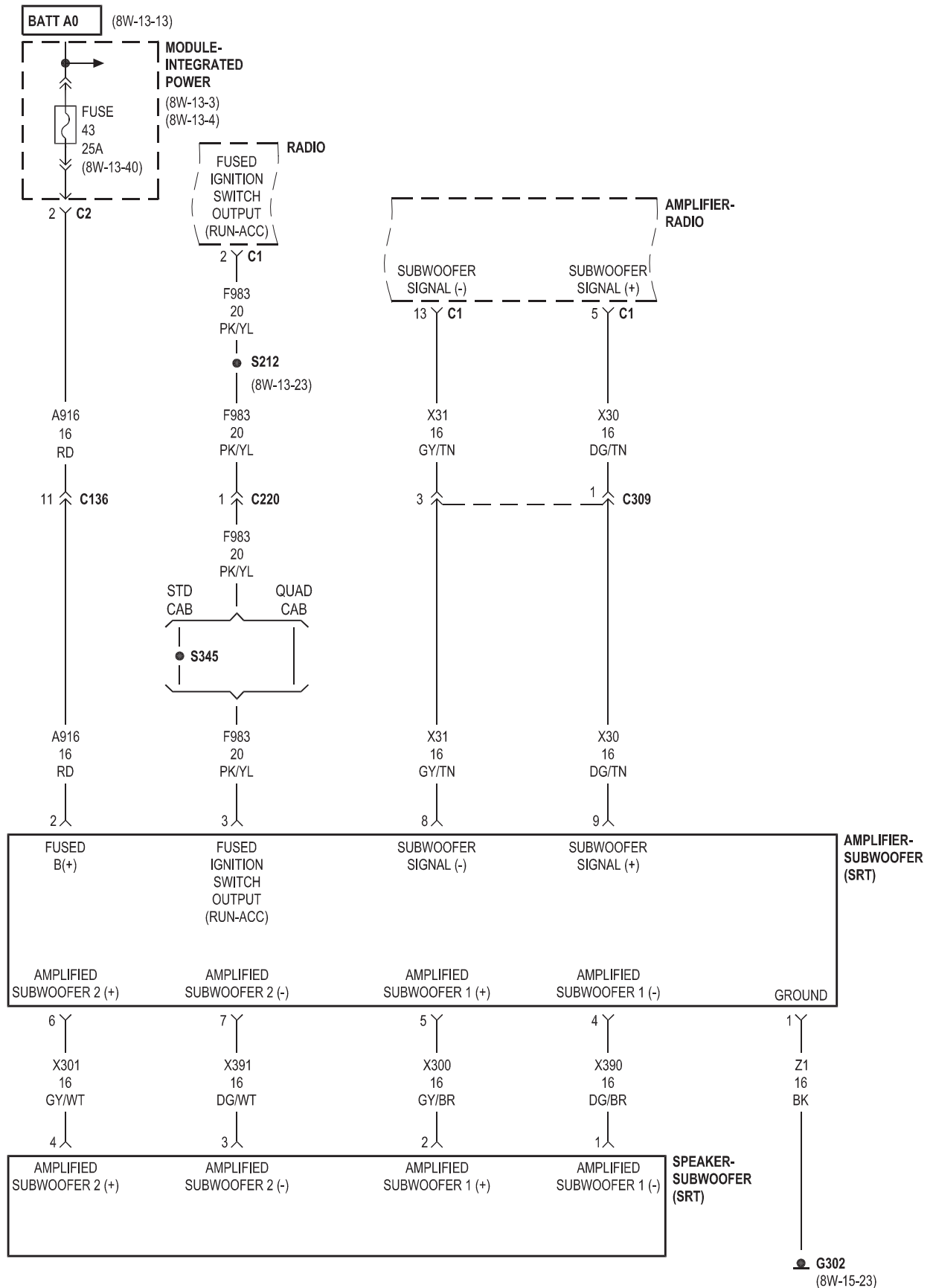






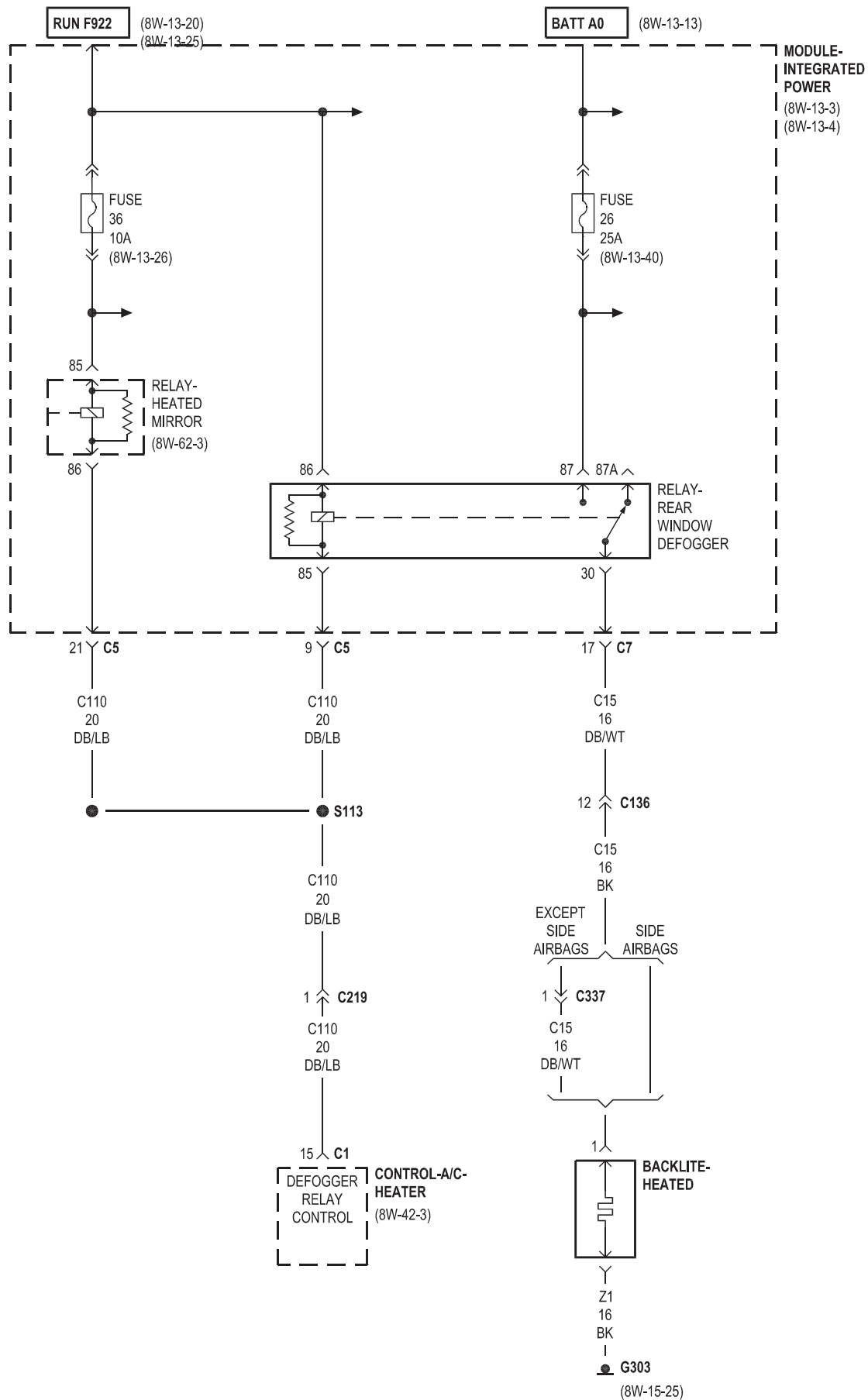
DR **8W-47 AUDIO SYSTEM PREMIUM** 8W - 47 - 9





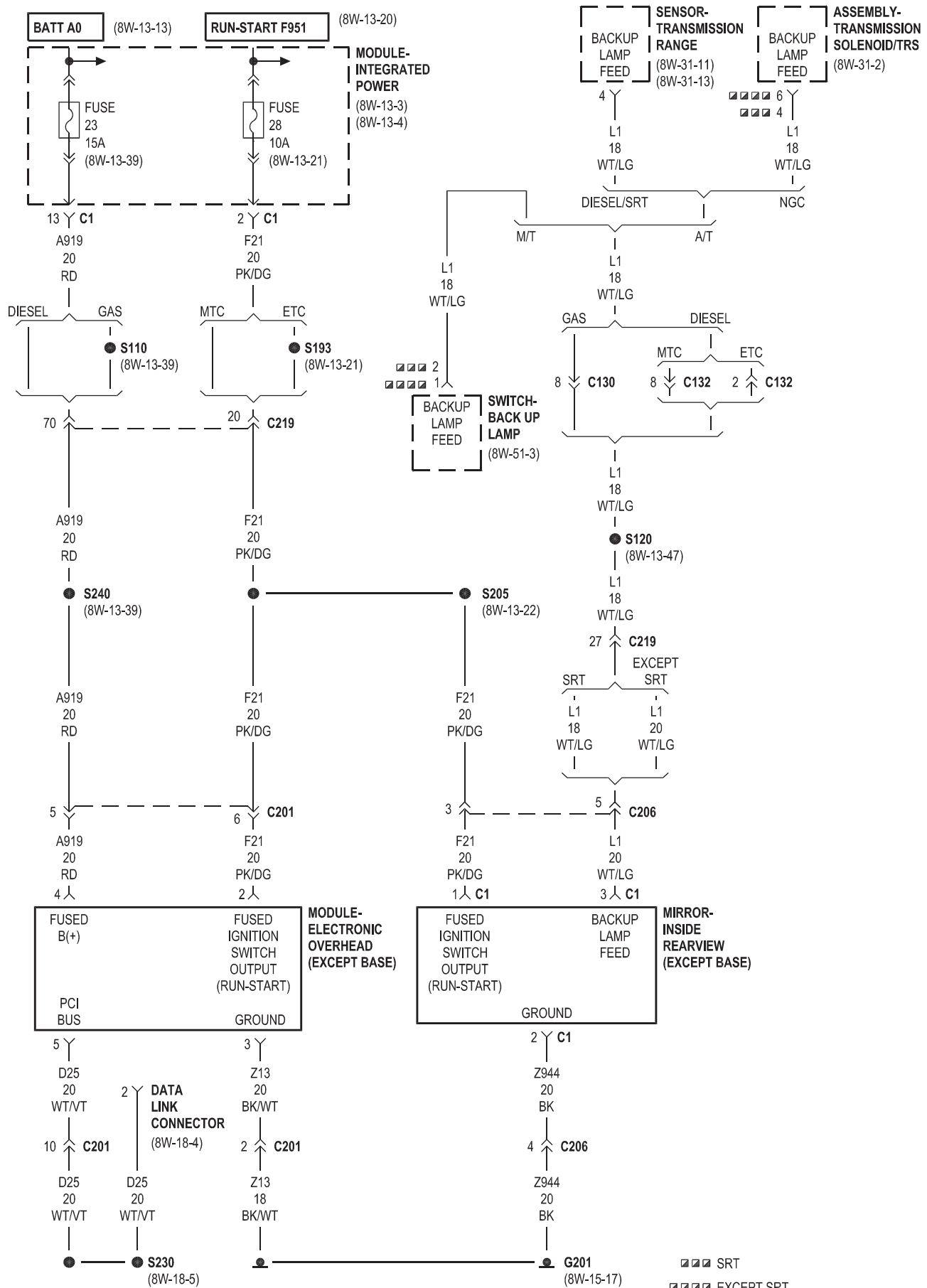
8W-48 REAR WINDOW DEFOGGER

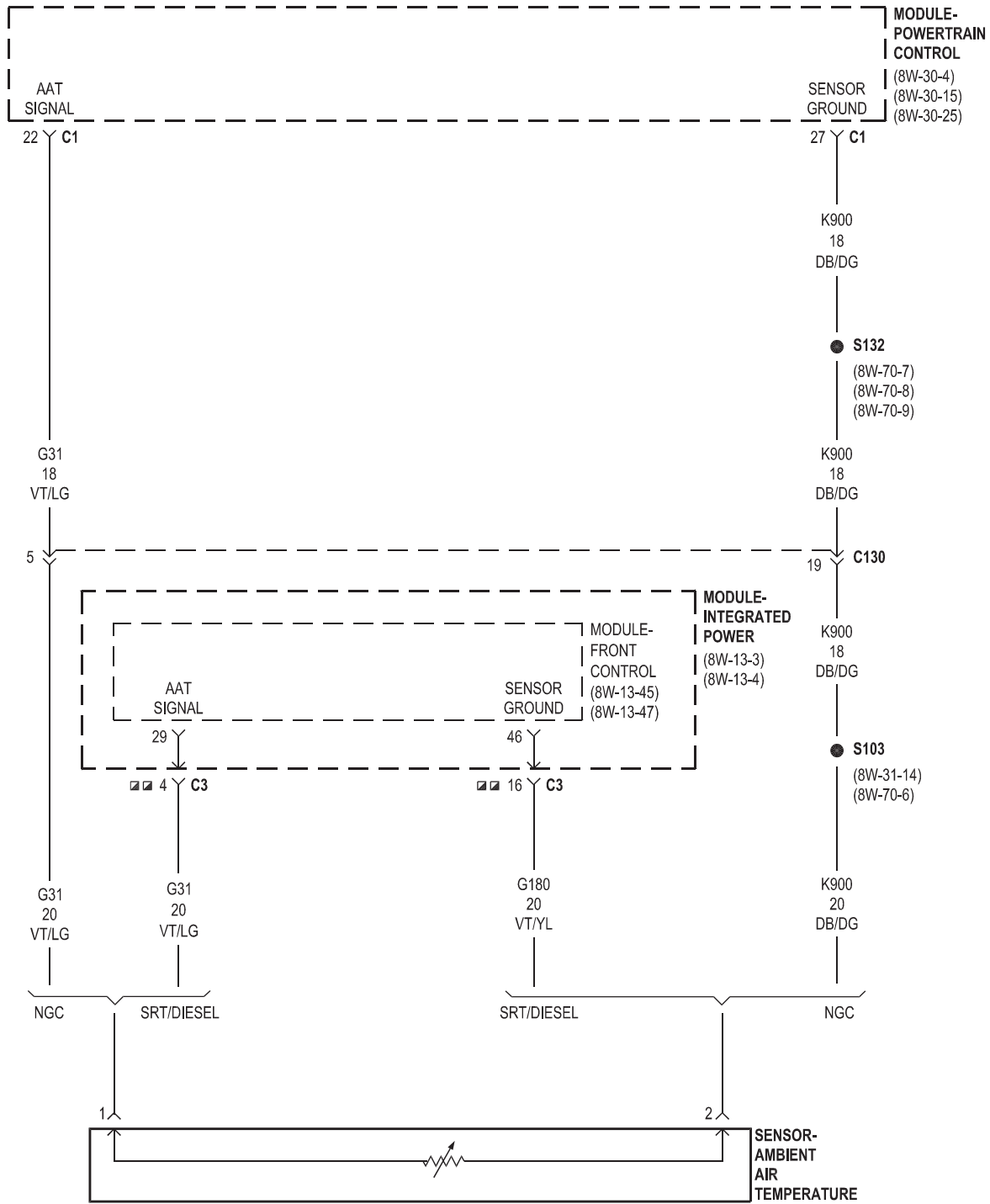
Component	Page	Component	Page
Backlite-Heated	8W-48-2	G303	8W-48-2
Control-A/C-Heater	8W-48-2	Module-Integrated Power	8W-48-2
Fuse 26	8W-48-2	Relay-Heated Mirror	8W-48-2
Fuse 36	8W-48-2	Relay-Rear Window Defogger	8W-48-2

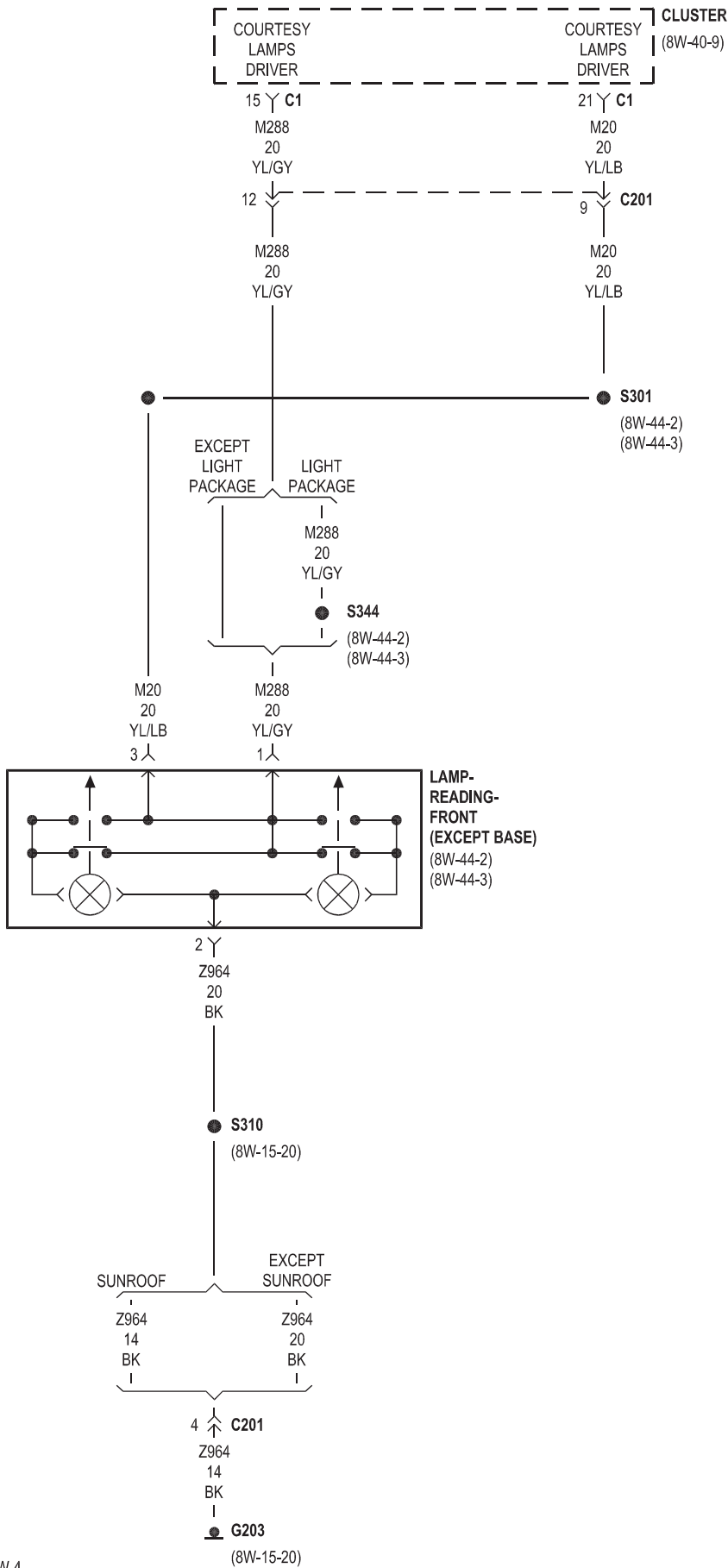


8W-49 OVERHEAD CONSOLE

Component	Page	Component	Page
Assembly-Transmission Solenoid/TRS	8W-49-2	Mirror-Inside Rearview	8W-49-2
Cluster	8W-49-4	Module-Electronic Overhead	8W-49-2
Data Link Connector	8W-49-2	Module-Front Control	8W-49-3
Fuse 23	8W-49-2	Module-Integrated Power	8W-49-2, 3
Fuse 28	8W-49-2	Module-Powertrain Control	8W-49-3
G201	8W-49-2	Sensor-Ambient Air Temperature	8W-49-3
G203	8W-49-4	Sensor-Transmission Range	8W-49-2
Lamp-Reading-Front	8W-49-4	Switch-Back Up Lamp	8W-49-2

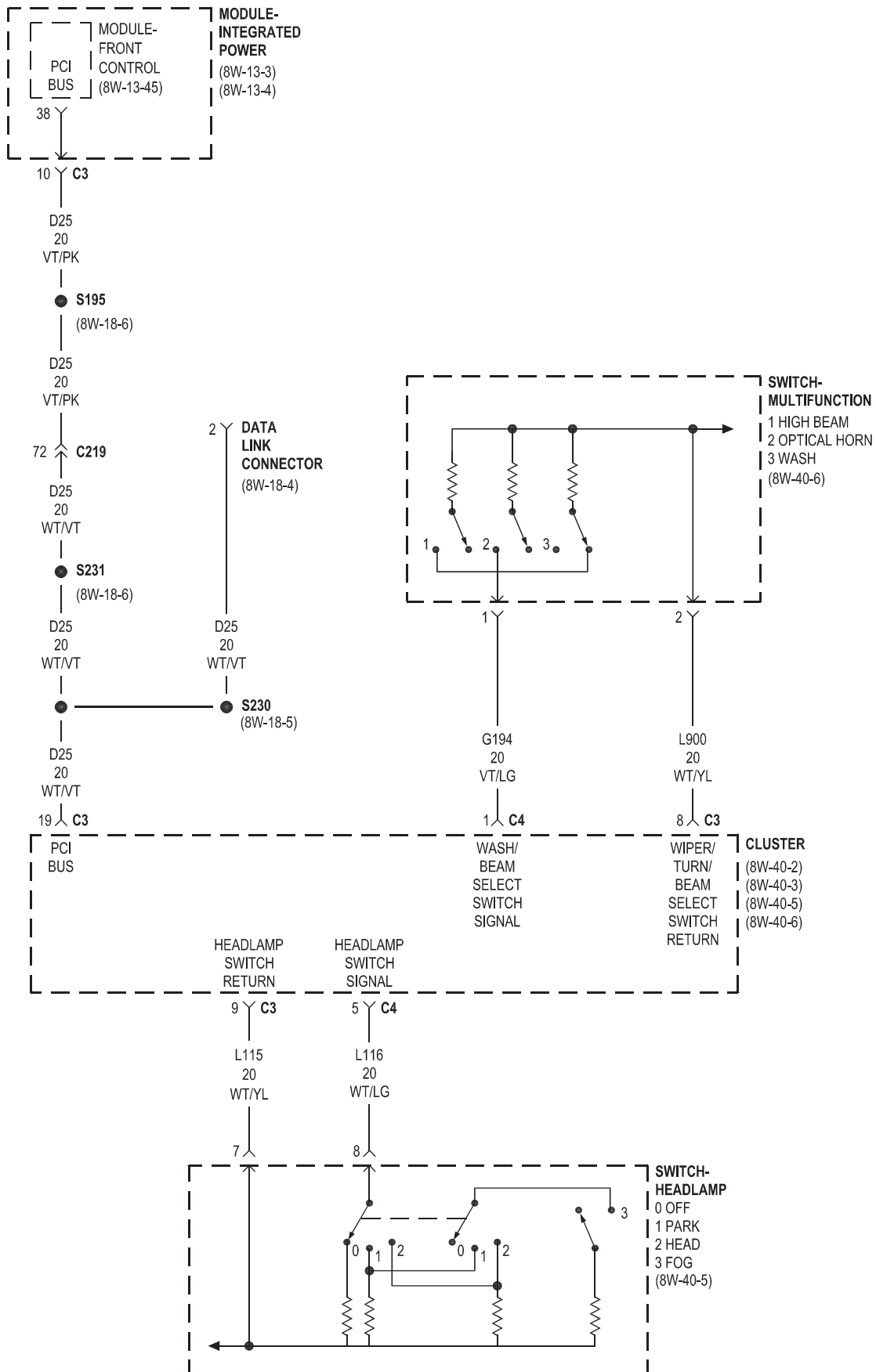




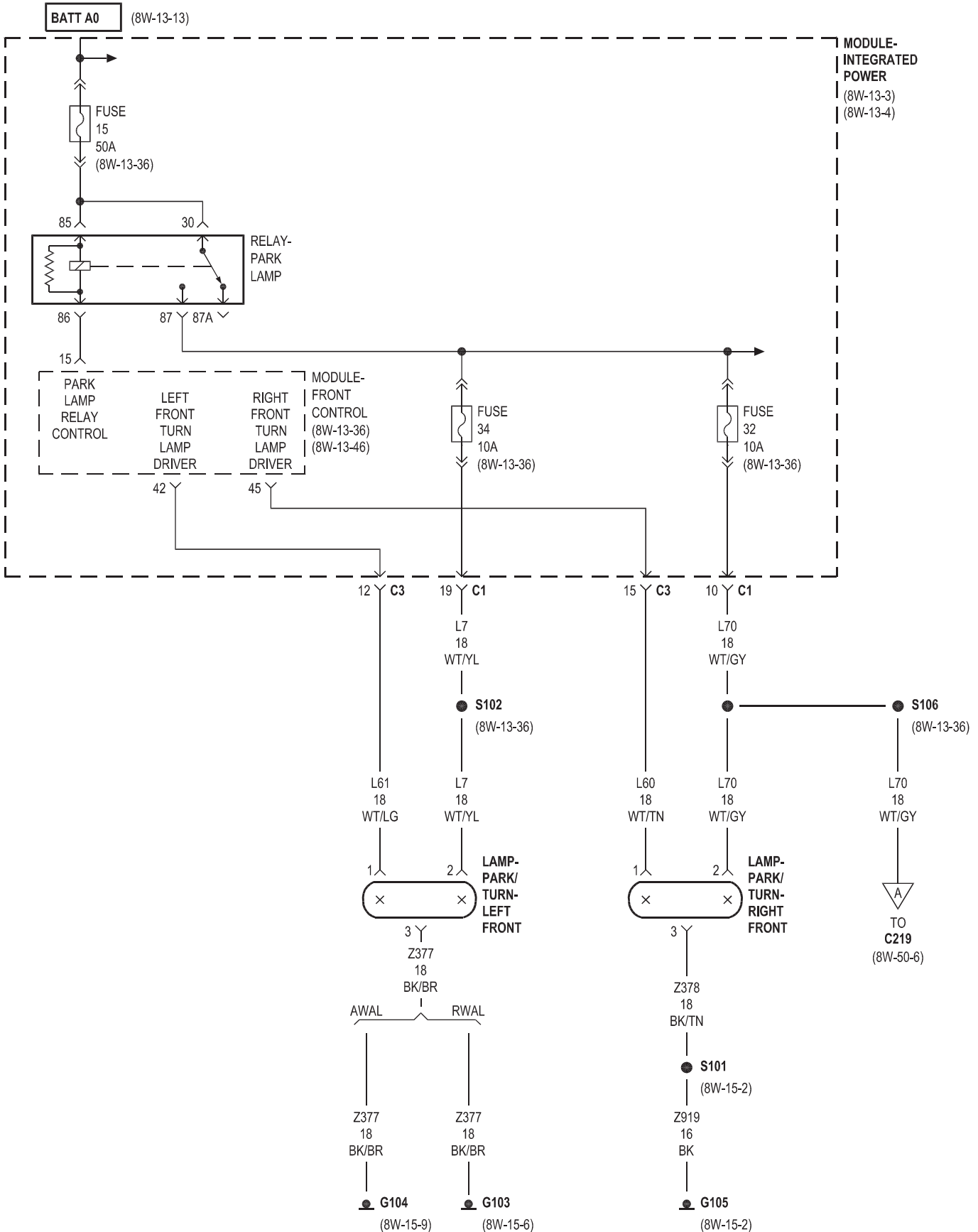


8W-50 FRONT LIGHTING

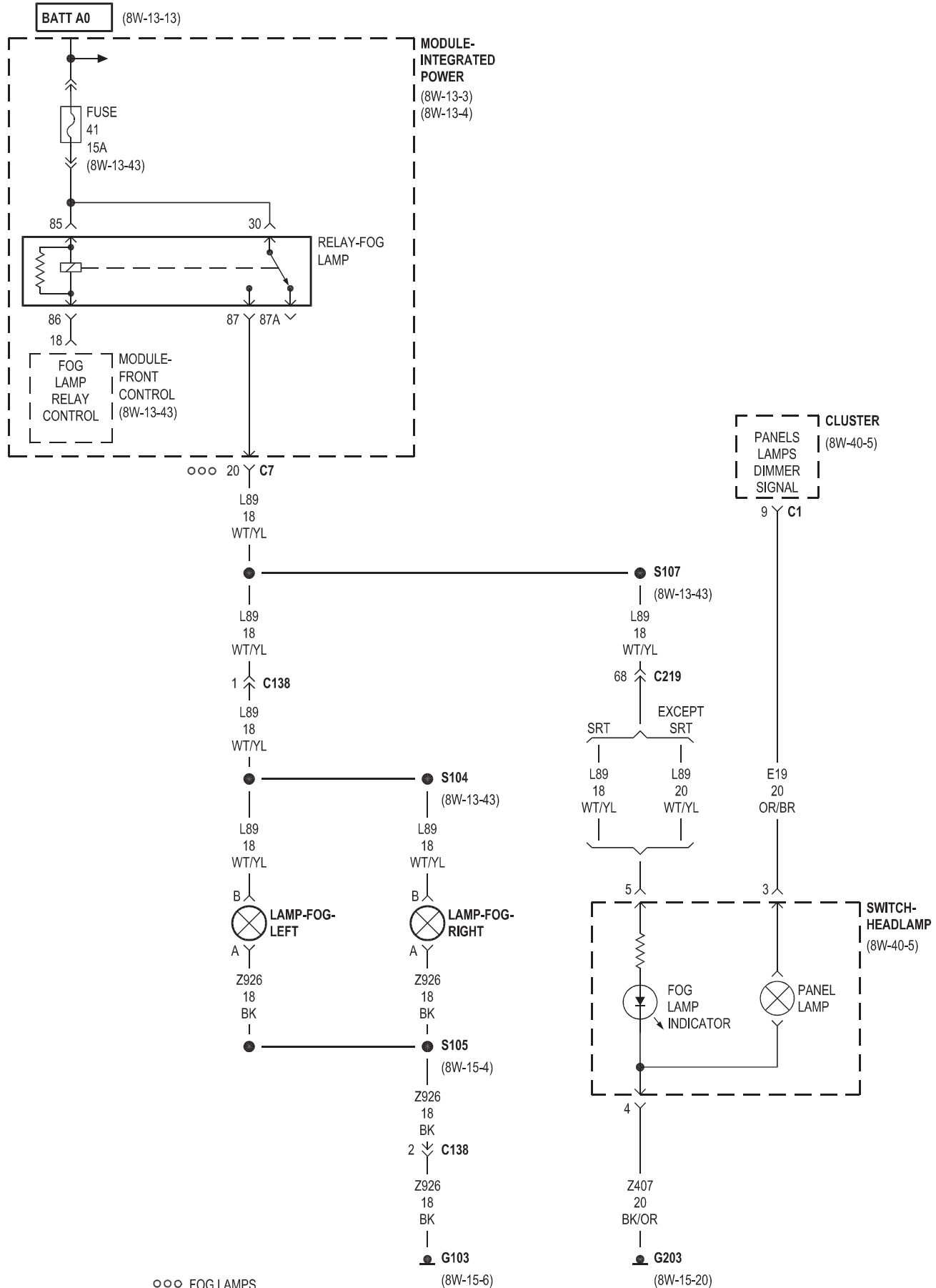
Component	Page	Component	Page
Cluster	8W-50-2, 5	Lamp-Clearance No. 5	8W-50-6
Data Link Connector	8W-50-2	Lamp-Fog-Left	8W-50-5
Fuse 15	8W-50-4	Lamp-Fog-Right	8W-50-5
Fuse 32	8W-50-4	Lamp-Headlamp-Left	8W-50-3
Fuse 34	8W-50-4	Lamp-Headlamp-Right	8W-50-3
Fuse 41	8W-50-5	Lamp-Park/Turn-Left Front	8W-50-4
G103	8W-50-3, 4, 5	Lamp-Park/Turn-Right Front	8W-50-4
G104	8W-50-3, 4	Module-Front Control	8W-50-2, 3, 4, 5
G105	8W-50-3, 4	Module-Integrated Power	8W-50-2, 3, 4, 5
G203	8W-50-5, 6	Relay-Fog Lamp	8W-50-5
Lamp-Clearance No. 1	8W-50-6	Relay-Park Lamp	8W-50-4
Lamp-Clearance No. 2	8W-50-6	Switch-Headlamp	8W-50-2, 5
Lamp-Clearance No. 3	8W-50-6	Switch-Multifunction	8W-50-2
Lamp-Clearance No. 4	8W-50-6		

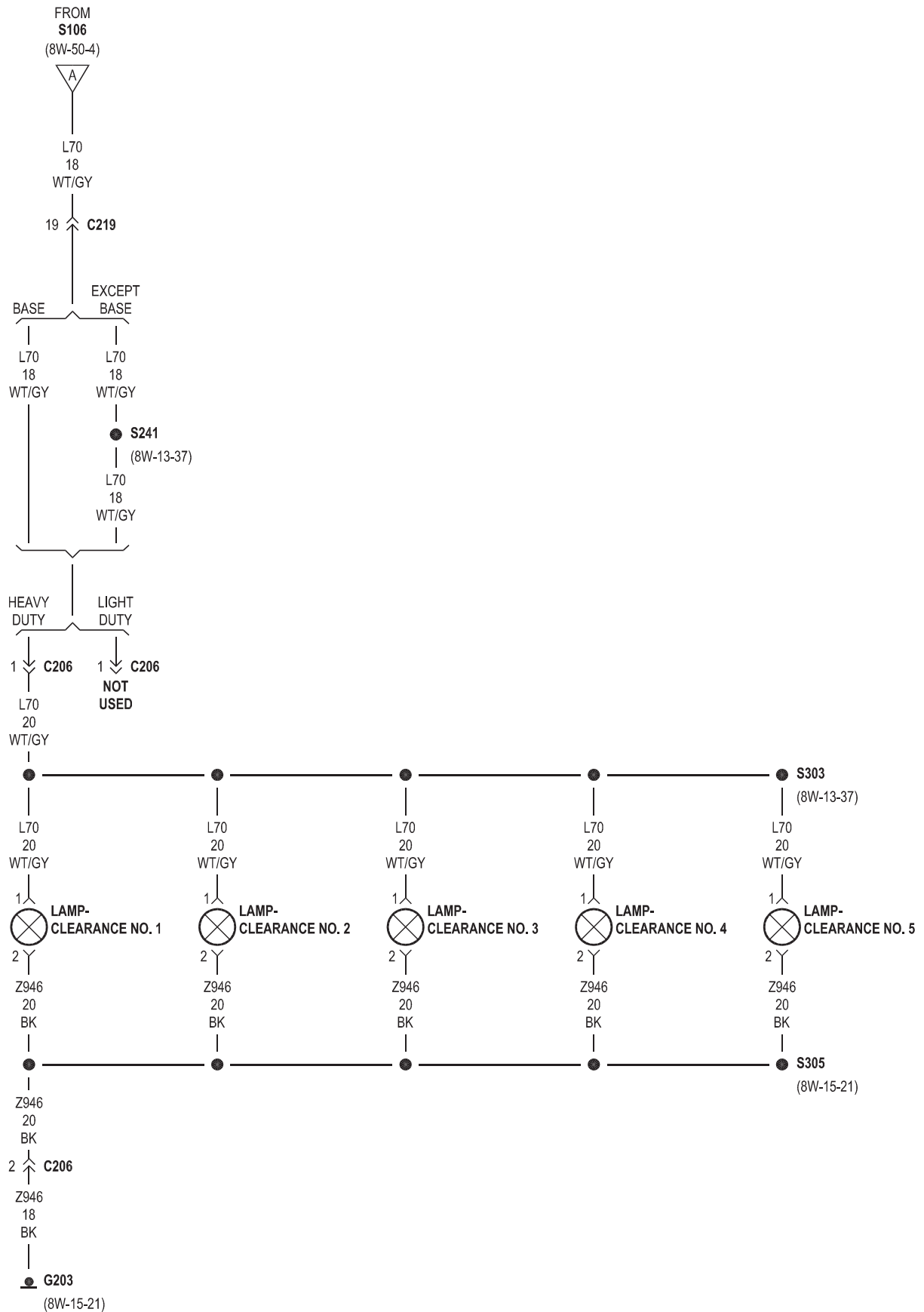






DR **8W-50 FRONT LIGHTING EXCEPT BASE** 8W - 50 - 5

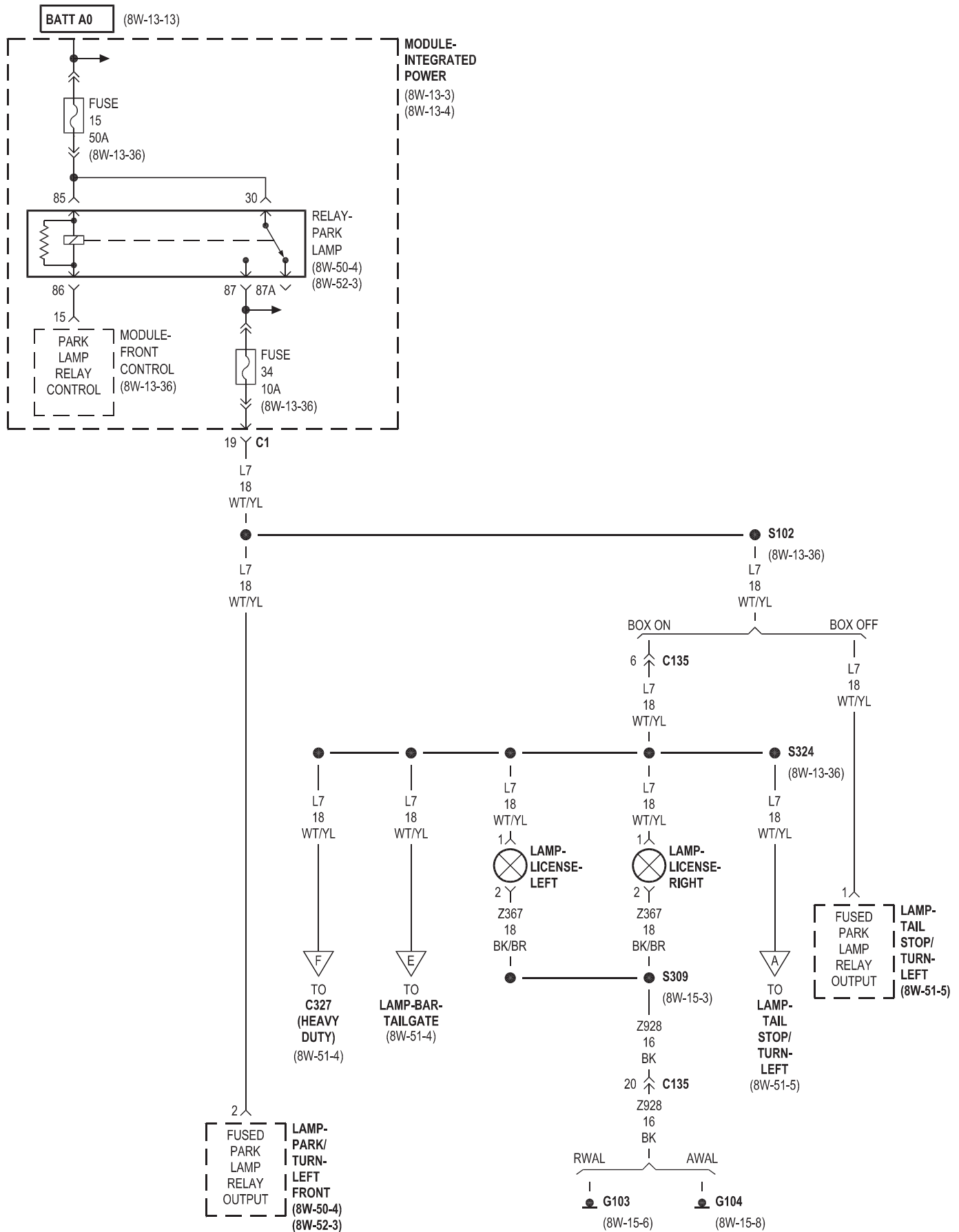


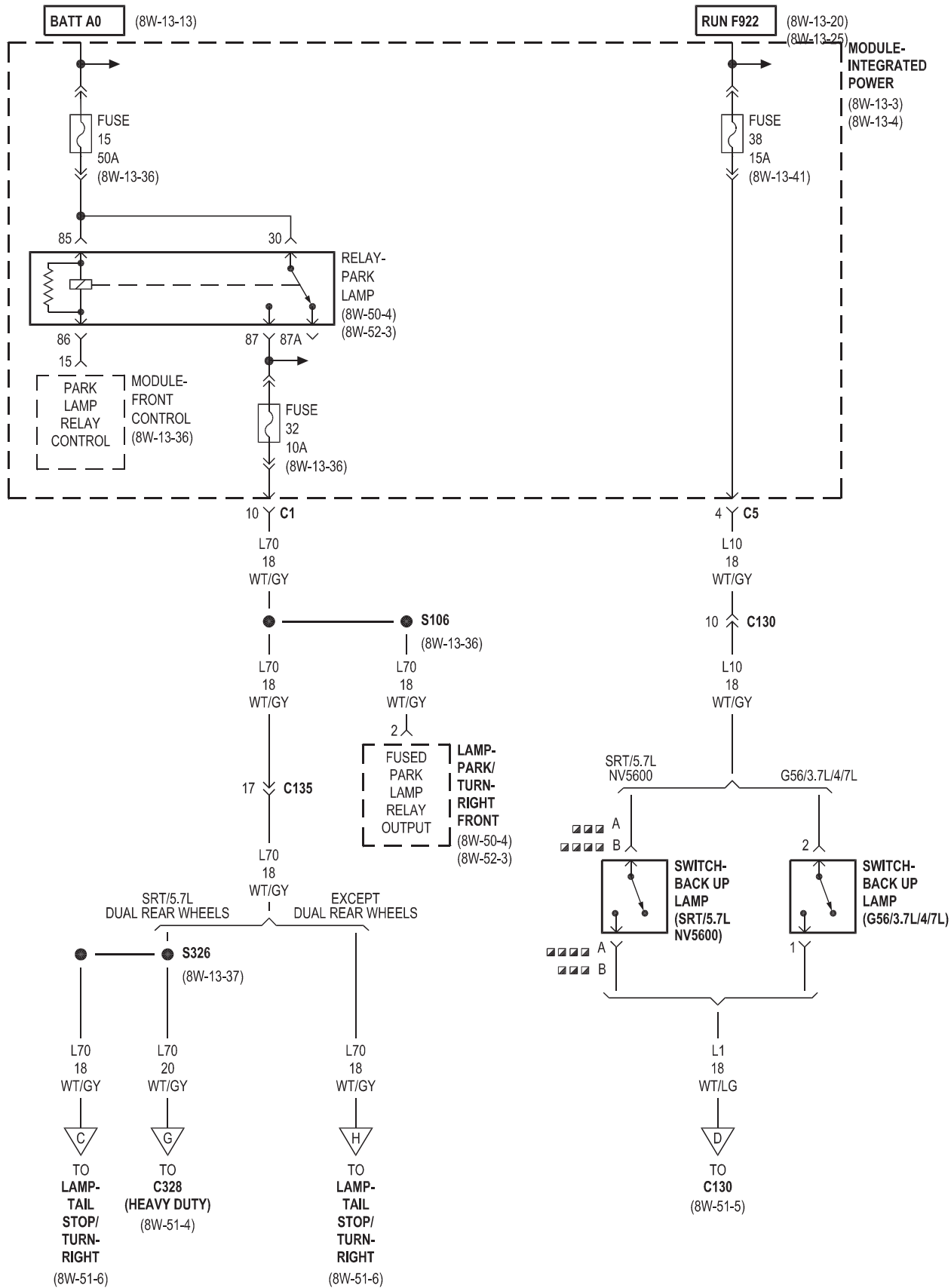


8W-51 REAR LIGHTING

Component	Page
Assembly-Transmission Solenoid/TRS	8W-51-5
Cluster	8W-51-7
Fuse 15	8W-51-2, 3, 7
Fuse 24	8W-51-7
Fuse 32	8W-51-3
Fuse 33	8W-51-7
Fuse 34	8W-51-2
Fuse 38	8W-51-3
G103	8W-51-2, 4, 5, 6
G104	8W-51-2, 4, 5, 6
G203	8W-51-7
Lamp-Bar-Tailgate	8W-51-2, 4
Lamp-Chmsl-Aftermarket	8W-51-7
Lamp-Fender-Front Left	8W-51-4
Lamp-Fender-Front Right	8W-51-4
Lamp-Fender-Rear Left	8W-51-4

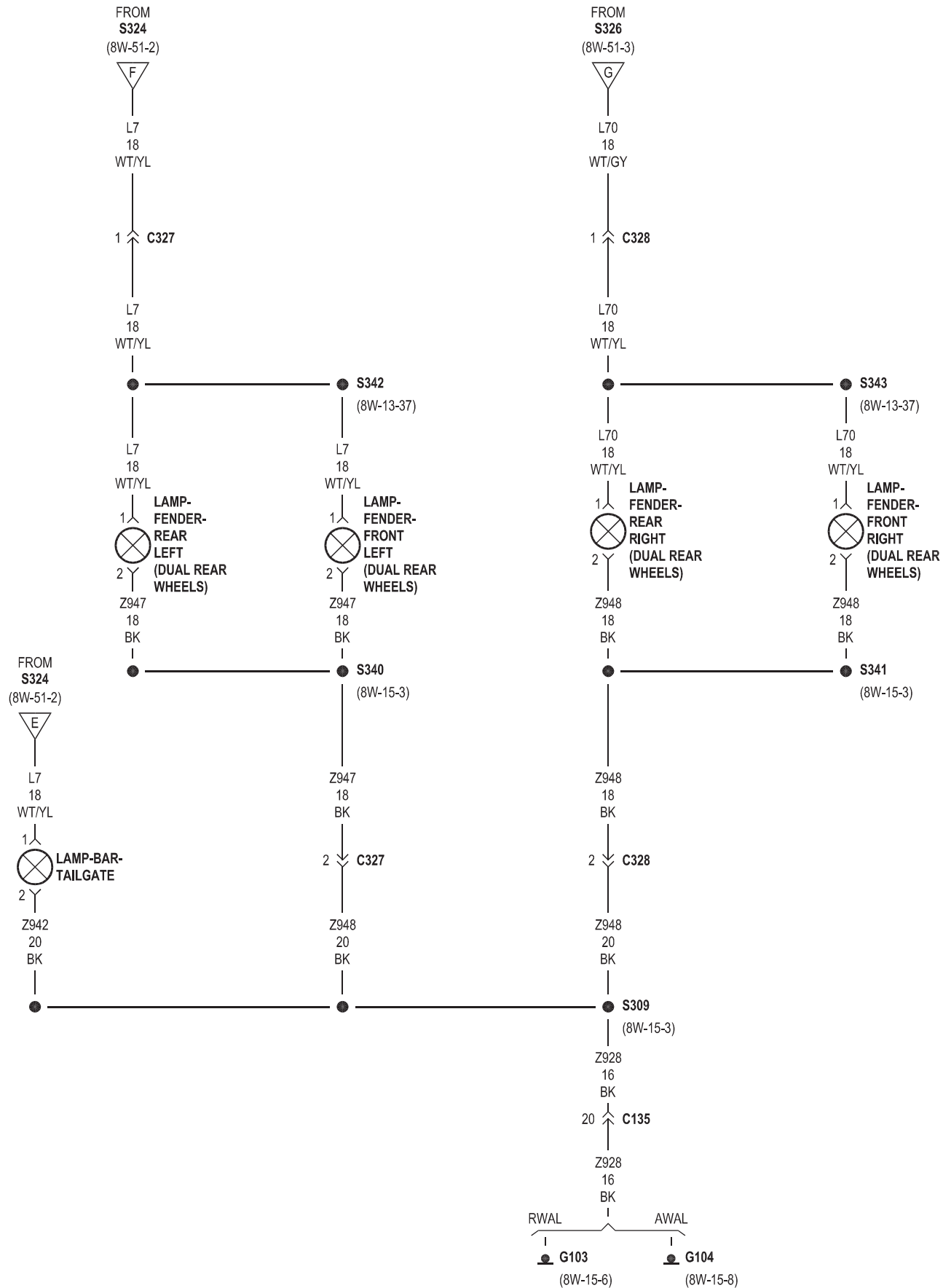
Component	Page
Lamp-Fender-Rear Right	8W-51-4
Lamp-High Mounted Stop	8W-51-7
Lamp-License-Left	8W-51-2
Lamp-License-Right	8W-51-2
Lamp-Park/Turn-Left Front	8W-51-2
Lamp-Park/Turn-Right Front	8W-51-3
Lamp-Tail Stop/Turn-Left	8W-51-2, 5
Lamp-Tail Stop/Turn-Right	8W-51-3, 5, 6
Module-Front Control	8W-51-2, 3, 5, 6, 7
Module-Integrated Power	8W-51-2, 3, 5, 6, 7
Relay-Park Lamp	8W-51-2, 3, 7
Sensor-Transmission Range	8W-51-5
Switch-Back Up Lamp	8W-51-3, 5
Switch-Stop Lamp	8W-51-7
Wiring-Trailer Tow 4-Way	8W-51-7
Wiring-Trailer Tow 7-Way	8W-51-5, 7

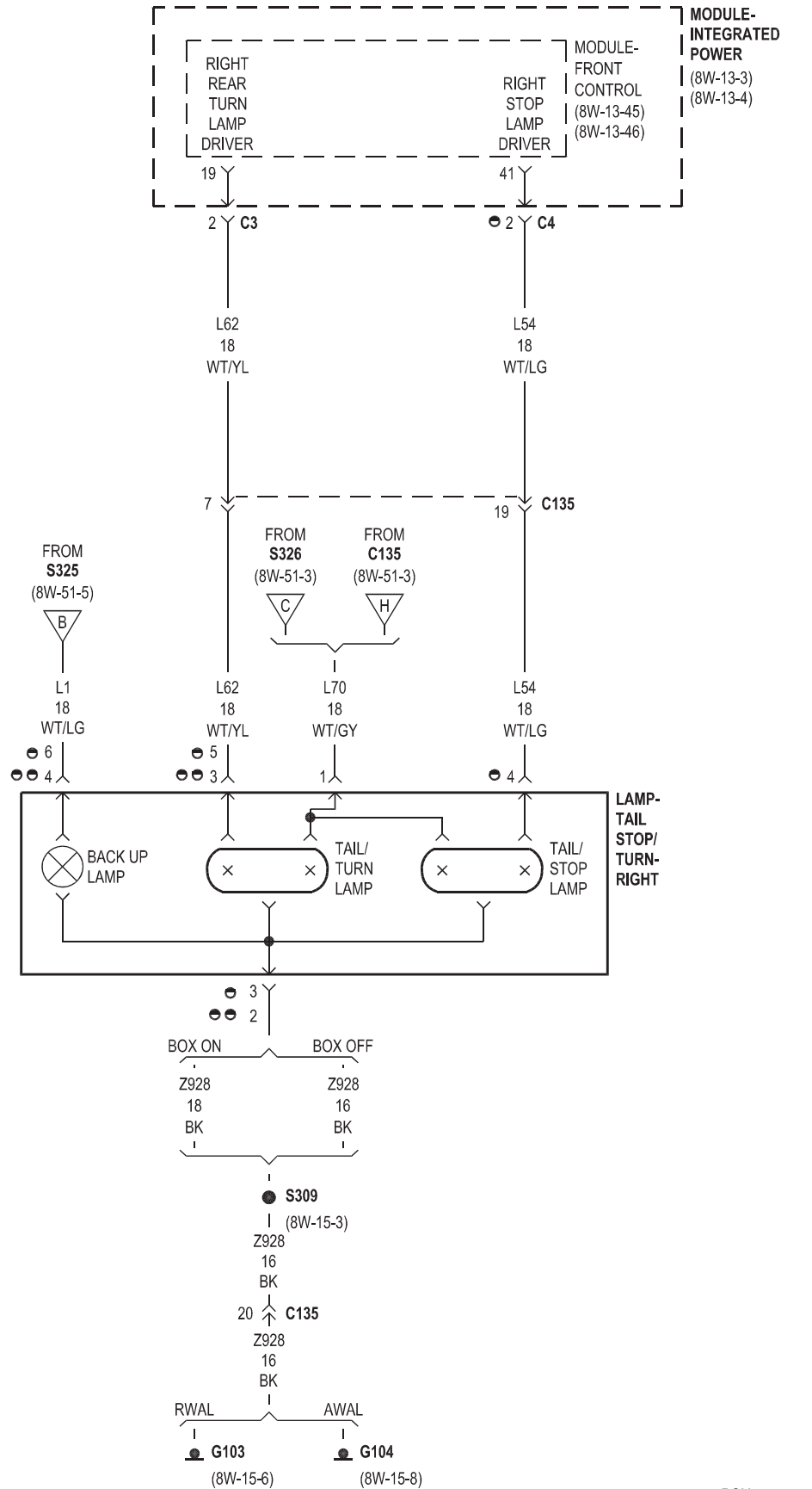




SRT

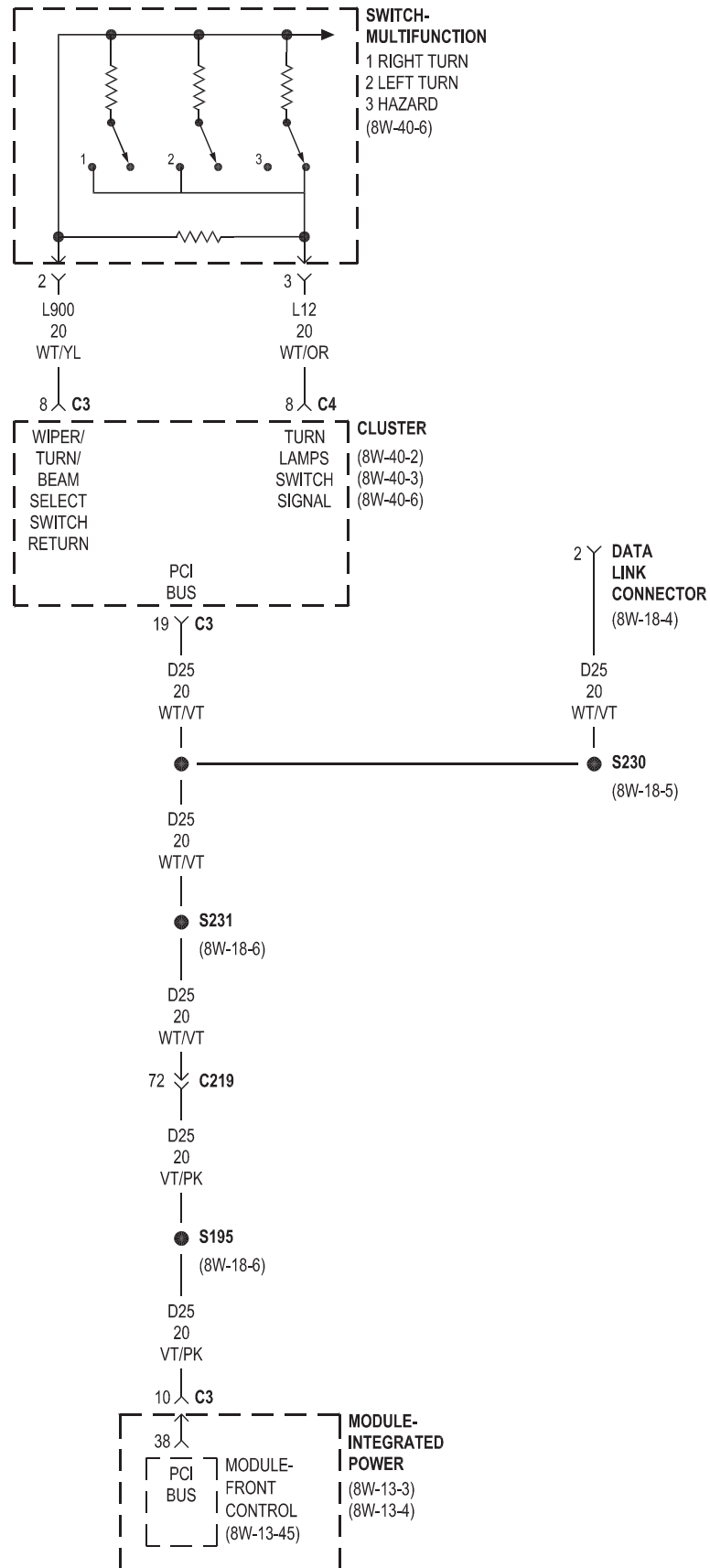
EXCEPT SRT

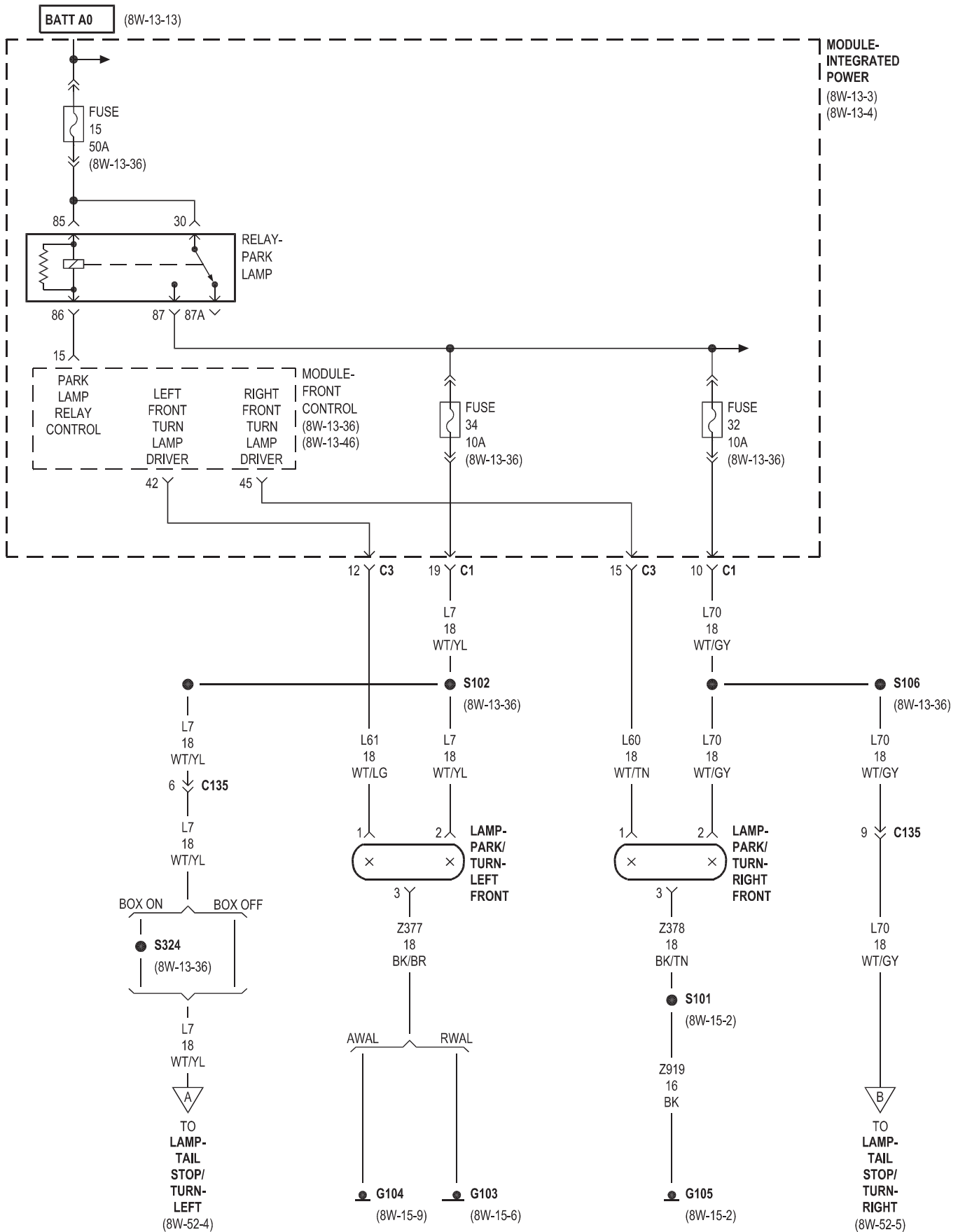


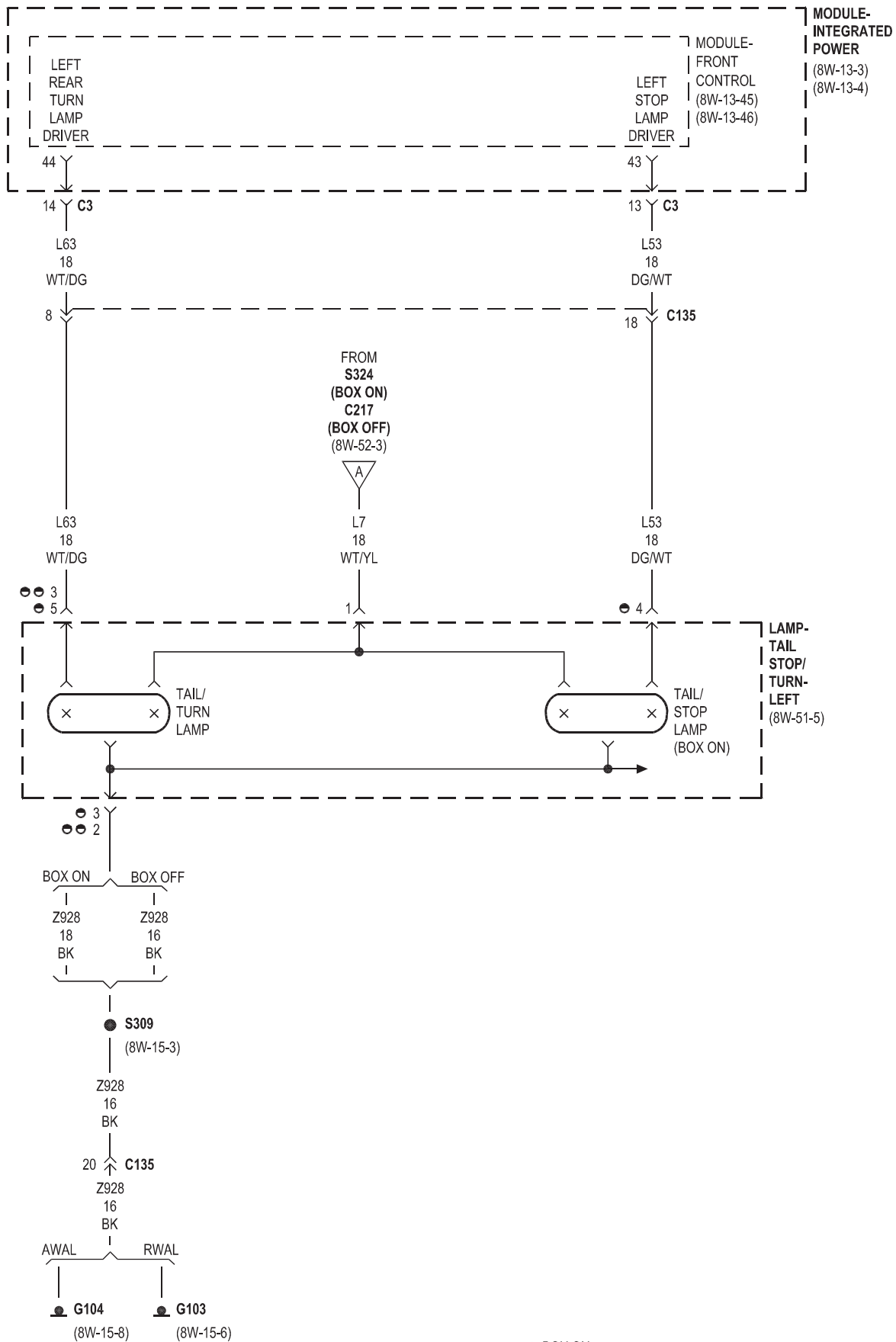


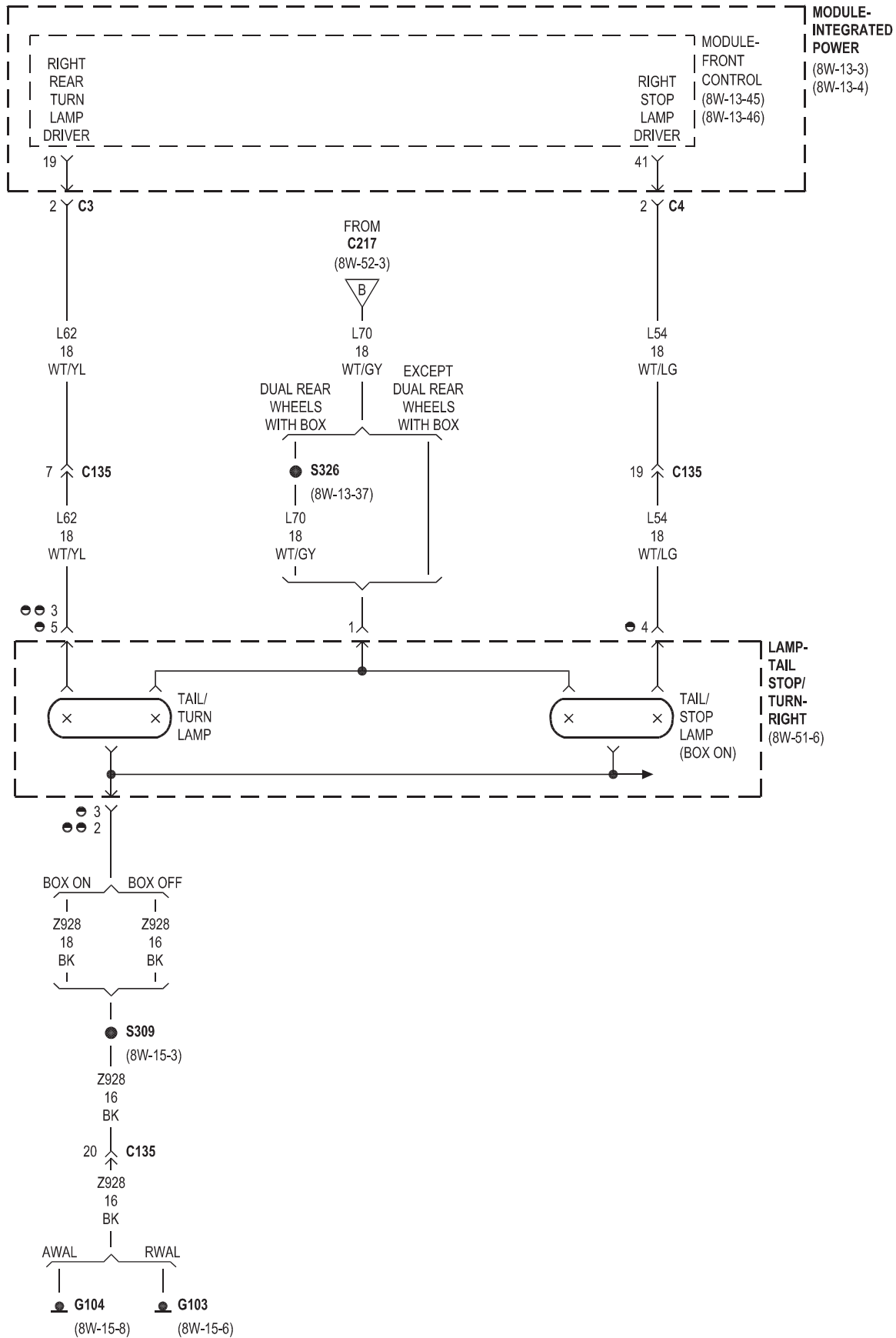
8W-52 TURN SIGNALS

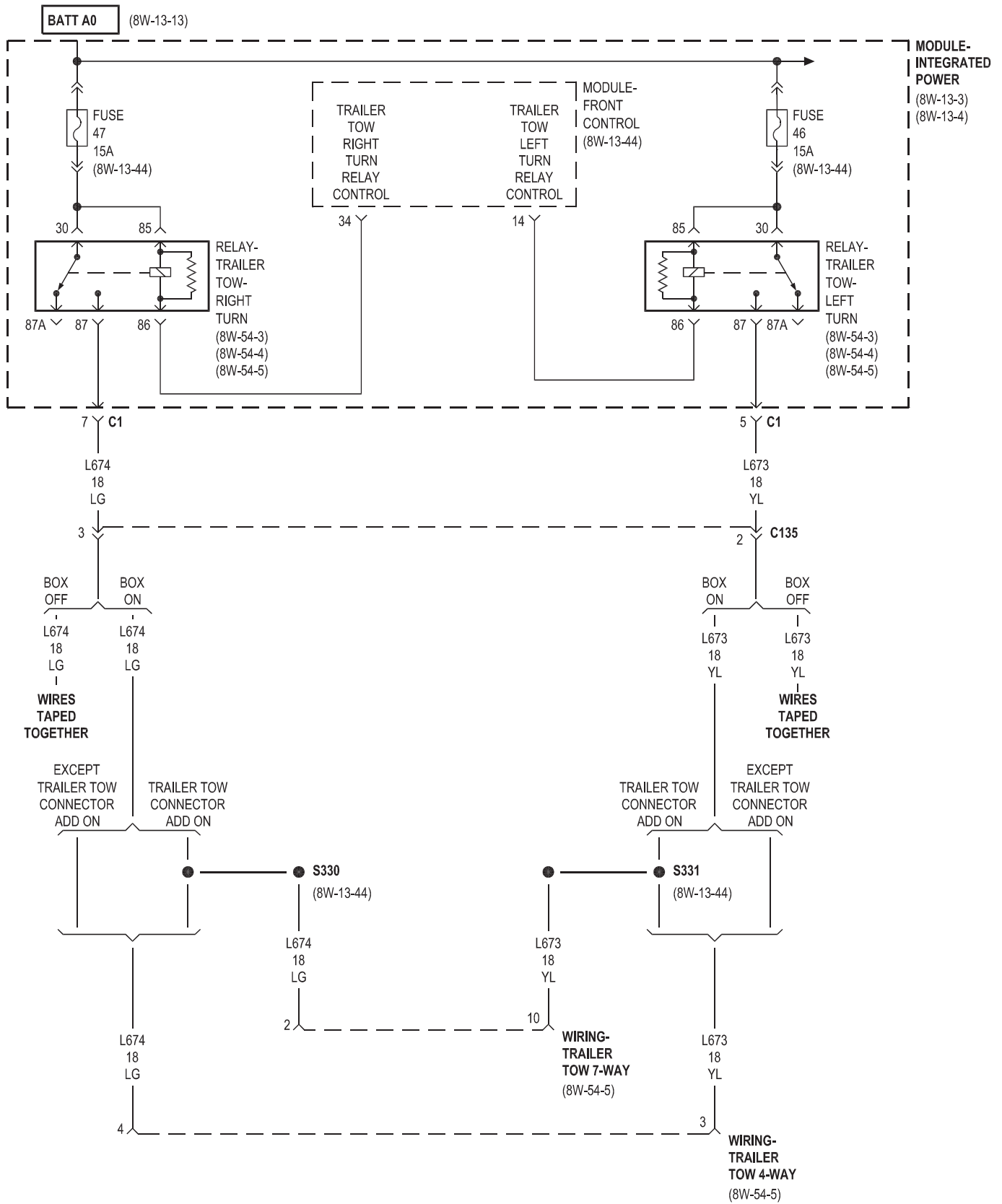
Component	Page	Component	Page
Cluster	8W-52-2	Lamp-Tail Stop/Turn-Left	8W-52-3, 4
Data Link Connector	8W-52-2	Lamp-Tail Stop/Turn-Right	8W-52-3, 5
Fuse 15	8W-52-3	Module-Front Control	8W-52-2, 3, 4, 5, 6
Fuse 32	8W-52-3	Module-Integrated Power	8W-52-2, 3, 4, 5, 6
Fuse 34	8W-52-3	Relay-Park Lamp	8W-52-3
Fuse 46	8W-52-6	Relay-Trailer Tow-Left Turn	8W-52-6
Fuse 47	8W-52-6	Relay-Trailer Tow-Right Turn	8W-52-6
G103	8W-52-3, 4, 5	Switch-Multifunction	8W-52-2
G104	8W-52-3, 4, 5	Tail/Stop Lamp	8W-52-4, 5
G105	8W-52-3	Tail/Turn Lamp	8W-52-4, 5
Lamp-Park/Turn-Left Front	8W-52-3	Wiring-Trailer Tow 4-Way	8W-52-6
Lamp-Park/Turn-Right Front	8W-52-3	Wiring-Trailer Tow 7-Way	8W-52-6







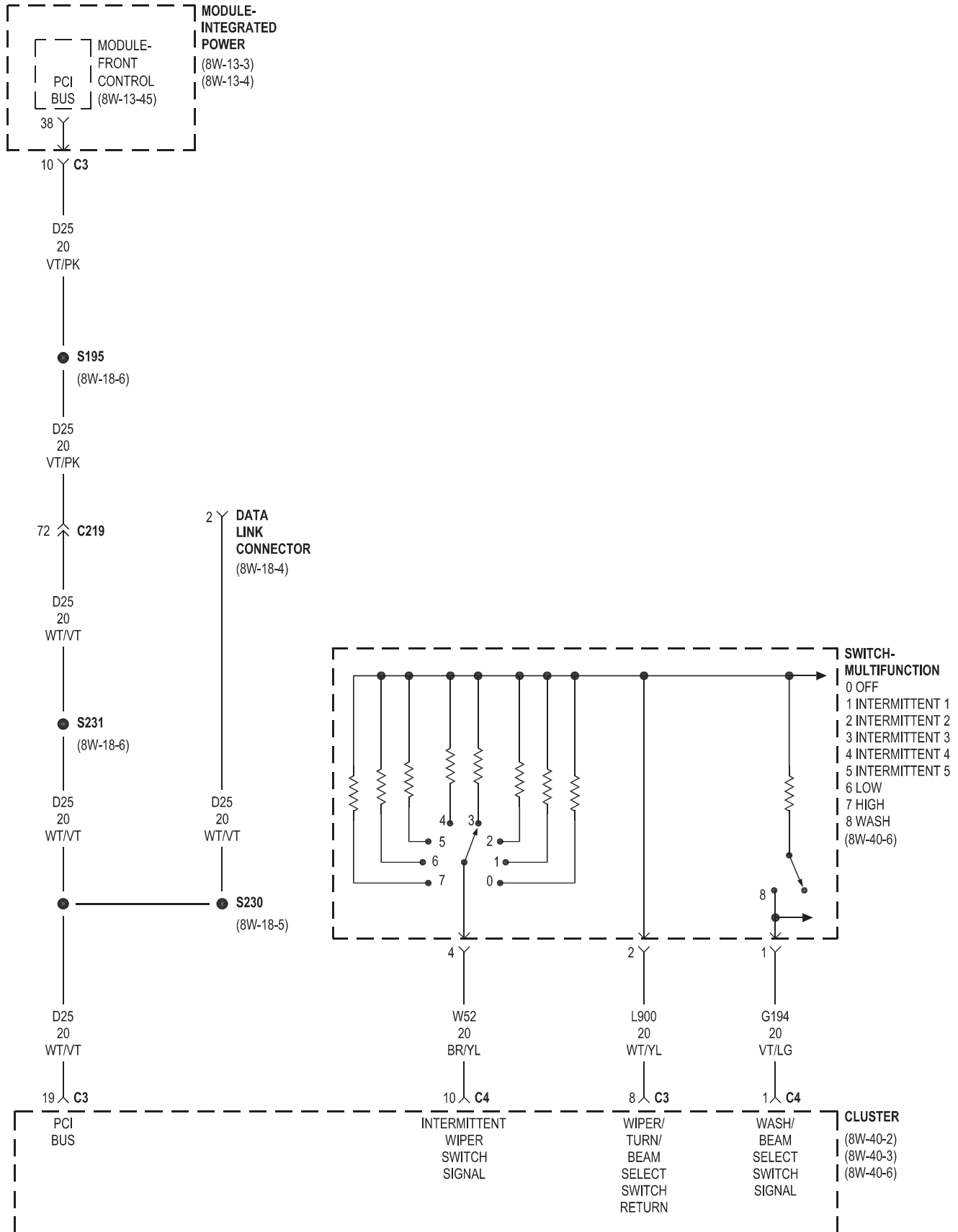


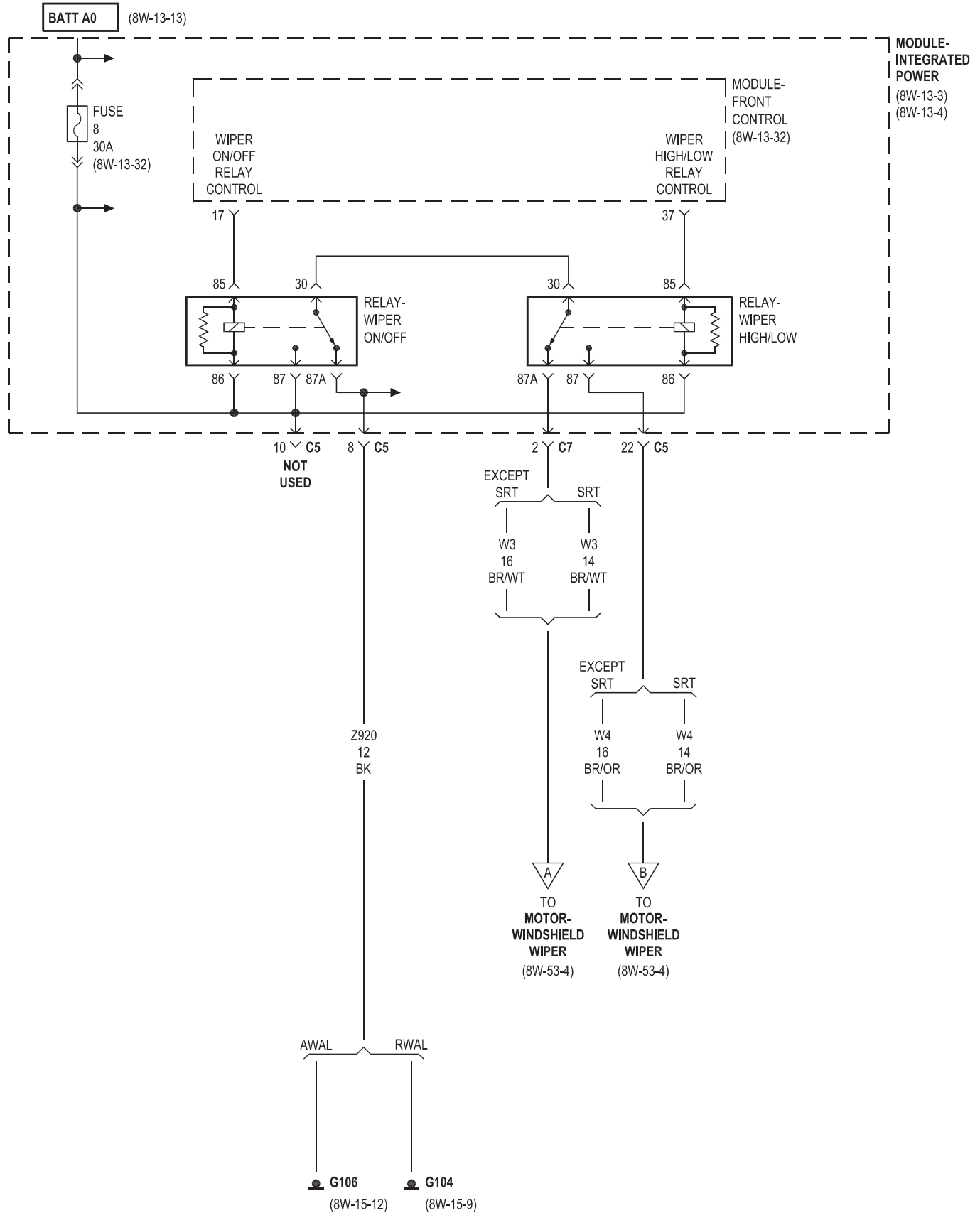


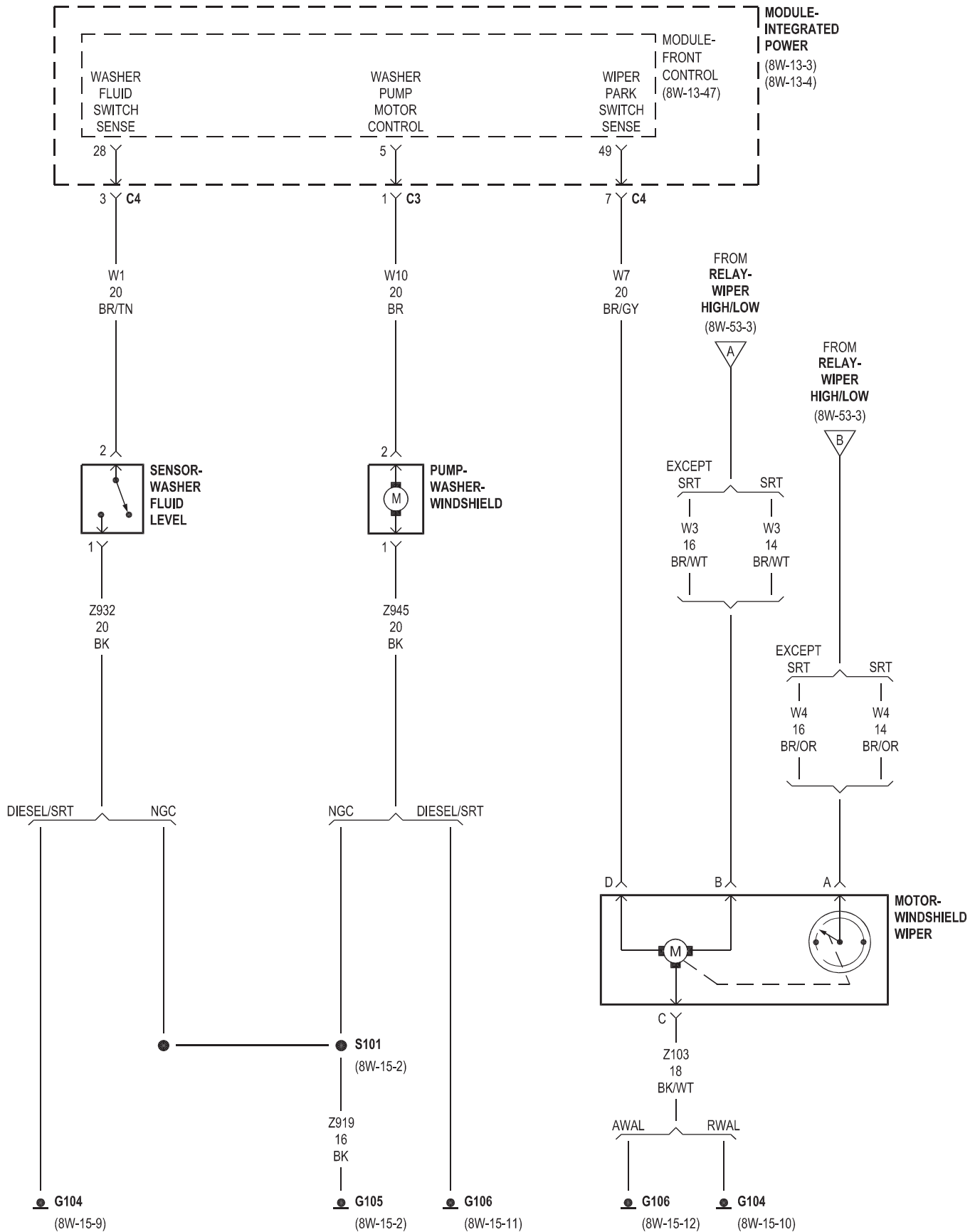
8W-53 WIPERS

Component	Page
Cluster	8W-53-2
Data Link Connector	8W-53-2
Fuse 8	8W-53-3
G104	8W-53-3, 4
G105	8W-53-4
G106	8W-53-3, 4
Module-Front Control	8W-53-2, 3, 4

Component	Page
Module-Integrated Power	8W-53-2, 3, 4
Motor-Windshield Wiper	8W-53-3, 4
Pump-Washer-Windshield	8W-53-4
Relay-Wiper High/Low	8W-53-3, 4
Relay-Wiper On/Off	8W-53-3
Sensor-Washer Fluid Level	8W-53-4
Switch-Multifunction	8W-53-2



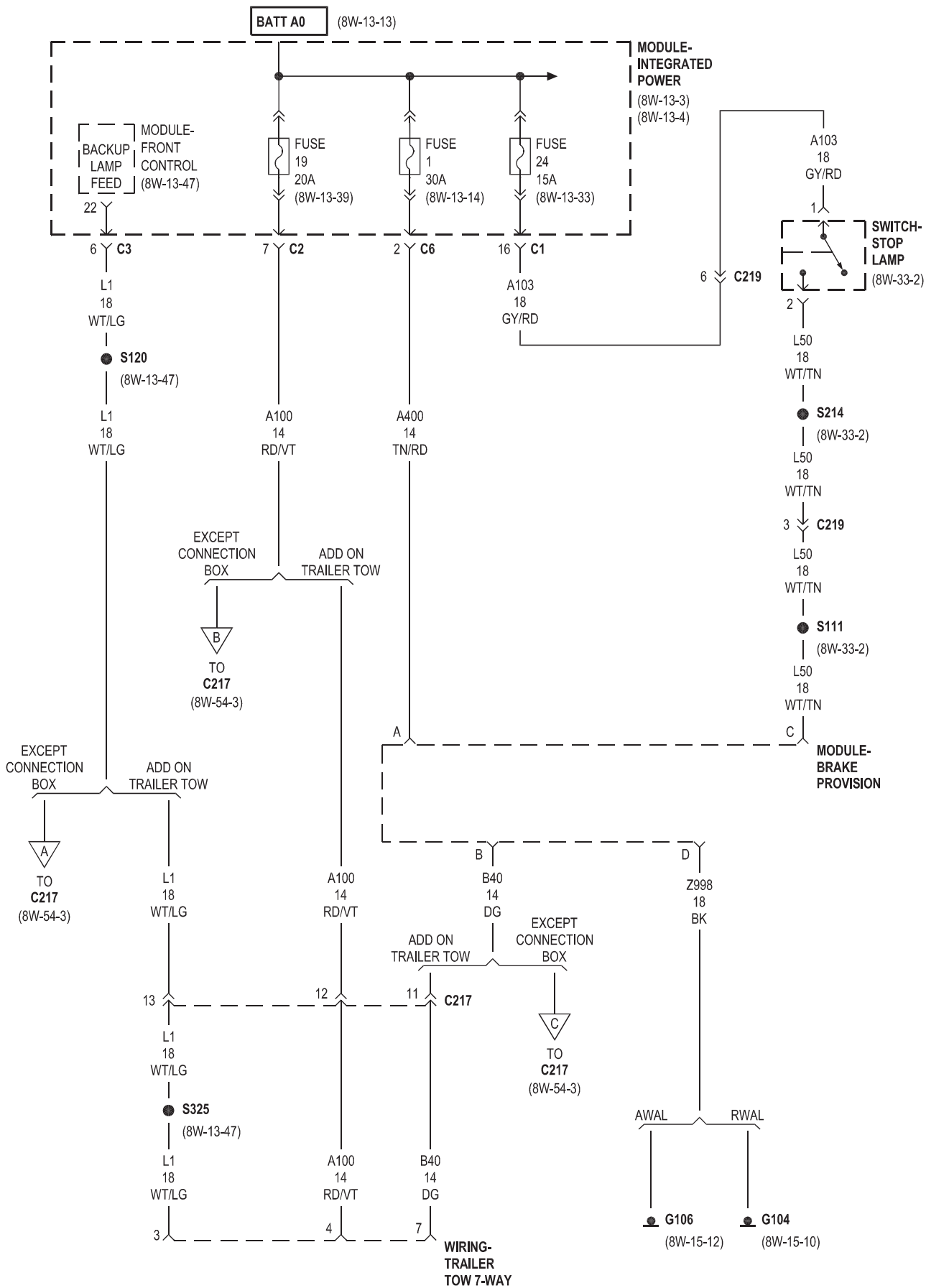




8W-54 TRAILER TOW

Component	Page
Fuse 1	8W-54-2
Fuse 15	8W-54-3, 4, 5
Fuse 19	8W-54-2
Fuse 24	8W-54-2
Fuse 33	8W-54-3, 4, 5
Fuse 46	8W-54-3, 4, 5
Fuse 47	8W-54-3, 4, 5
G104	8W-54-2, 3, 4, 6
G106	8W-54-2, 3, 4, 6

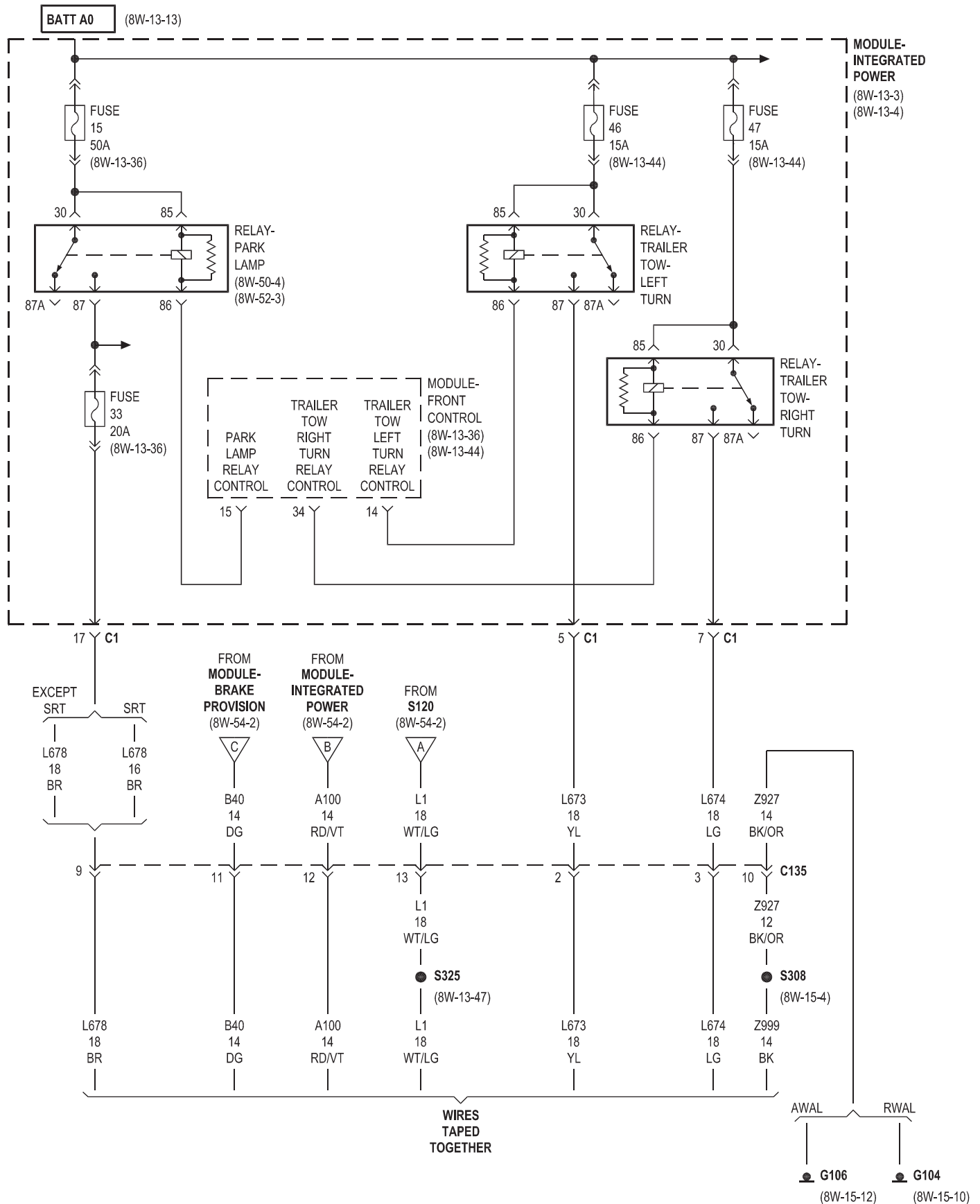
Component	Page
Module-Brake Provision	8W-54-2, 3
Module-Front Control	8W-54-2, 3, 4, 5
Module-Integrated Power	8W-54-2, 3, 4, 5
Relay-Park Lamp	8W-54-3, 4, 5
Relay-Trailer Tow-Left Turn	8W-54-3, 4, 5
Relay-Trailer Tow-Right Turn	8W-54-3, 4, 5
Switch-Stop Lamp	8W-54-2
Wiring-Trailer Tow 4-Way	8W-54-4, 5, 6
Wiring-Trailer Tow 7-Way	8W-54-2, 5, 6



DR

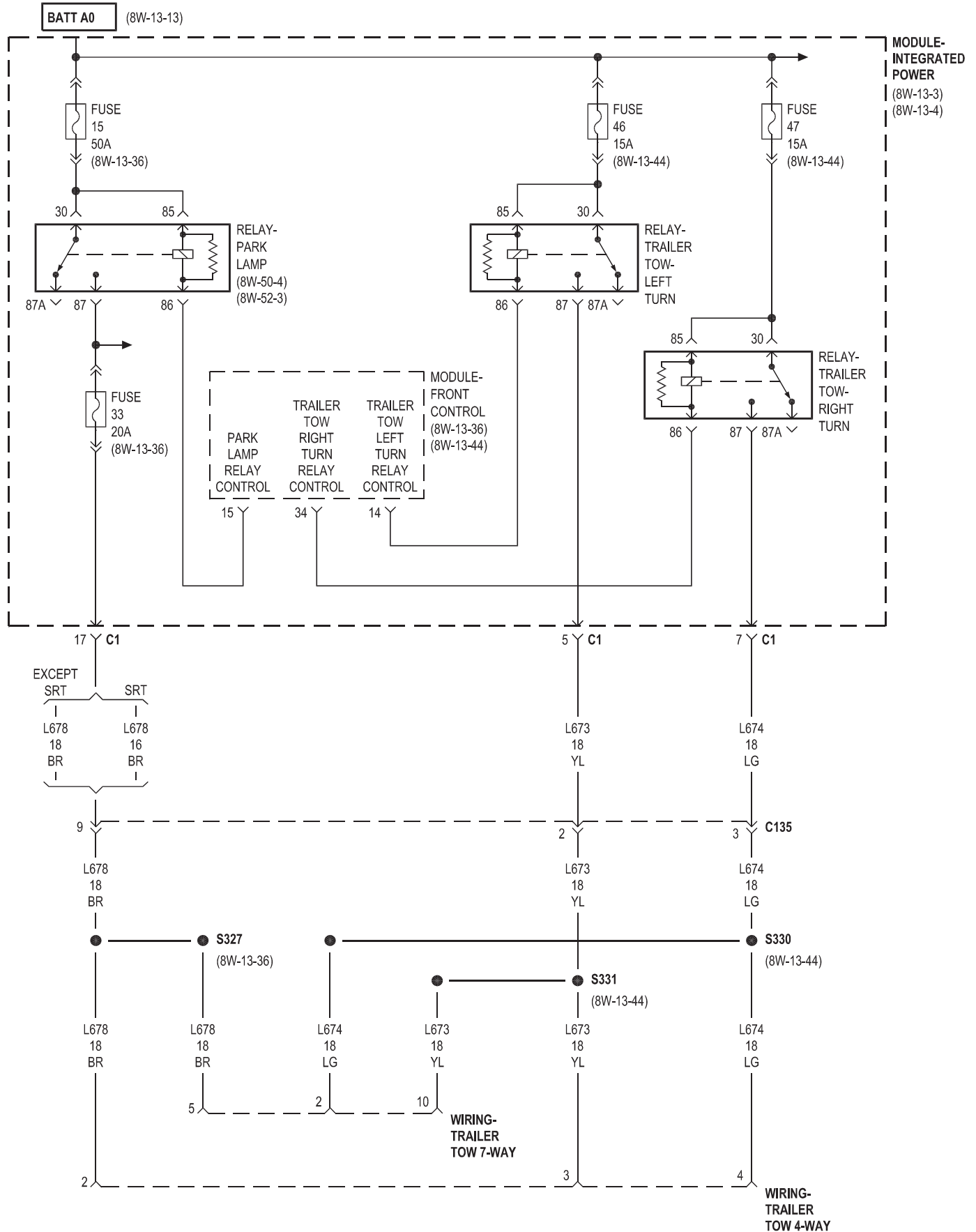
8W-54 TRAILER TOW EXCEPT BOX

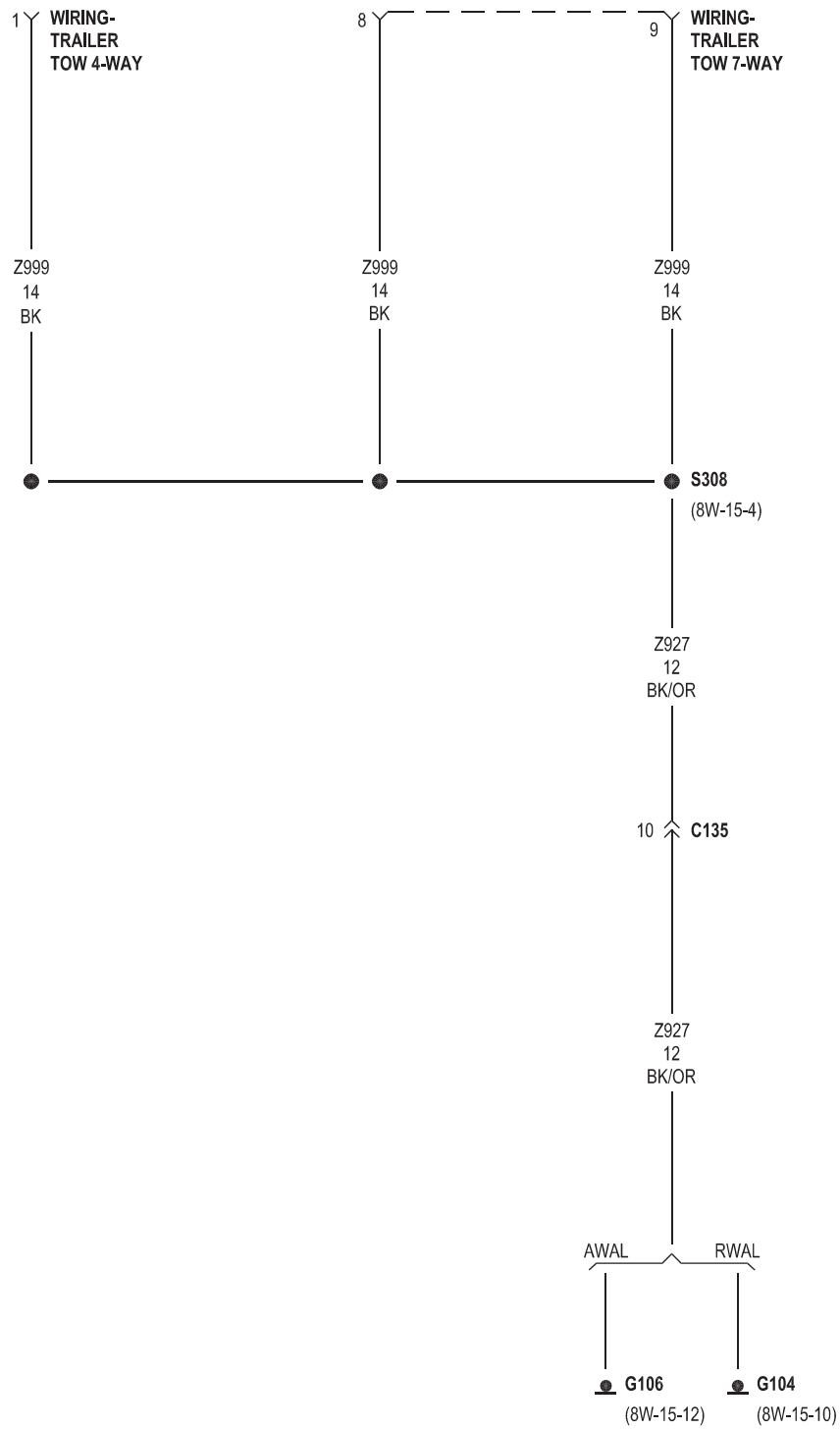
8W - 54 - 3





DR **8W-54 TRAILER TOW** **8W - 54 - 5**
ADD ON TRAILER TOW

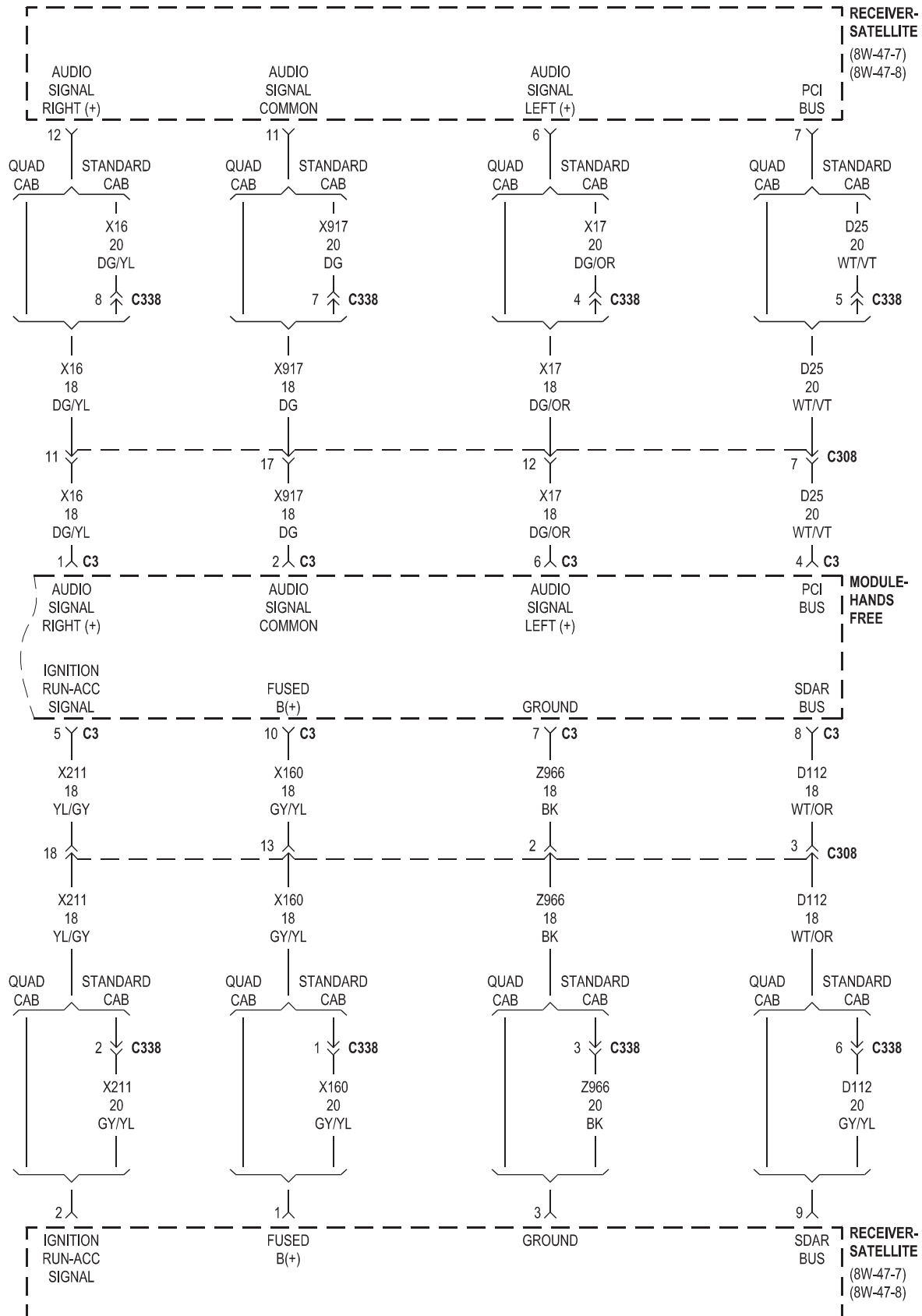




8W-55 NAVIGATION/TELECOMMUNICATIONS

Component	Page	Component	Page
Data Link Connector	8W-55-2	Module-Front Control	8W-55-3
Fuse 28	8W-55-3	Module-Hands Free	8W-55-2, 3, 4
Fuse 51	8W-55-2	Module-Integrated Power	8W-55-2, 3
G201	8W-55-3	PTC No. 2	8W-55-2
G202	8W-55-2	Radio	8W-55-2
Mirror-Inside Rearview	8W-55-3	Receiver-Satellite	8W-55-4

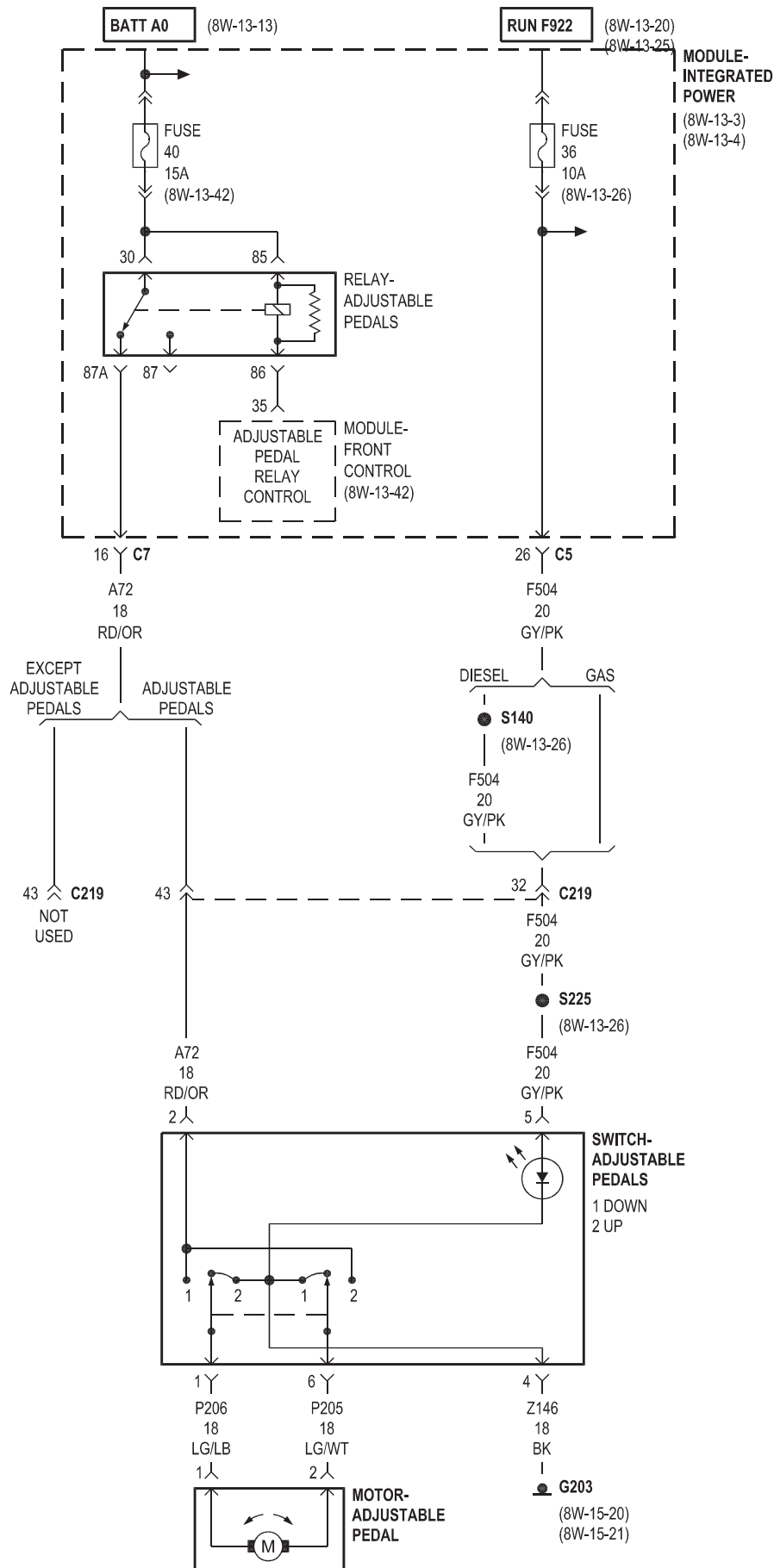
HANDS FREE



8W-56 CONVENIENCE SYSTEMS

Component	Page	Component	Page
Assembly-Winch	8W-56-2	Module-Front Control	8W-56-3
Battery	8W-56-2	Module-Integrated Power	8W-56-3
Fuse 36	8W-56-3	Motor-Adjustable Pedal	8W-56-3
Fuse 40	8W-56-3	Relay-Adjustable Pedals	8W-56-3
G203	8W-56-3	Switch-Adjustable Pedals	8W-56-3

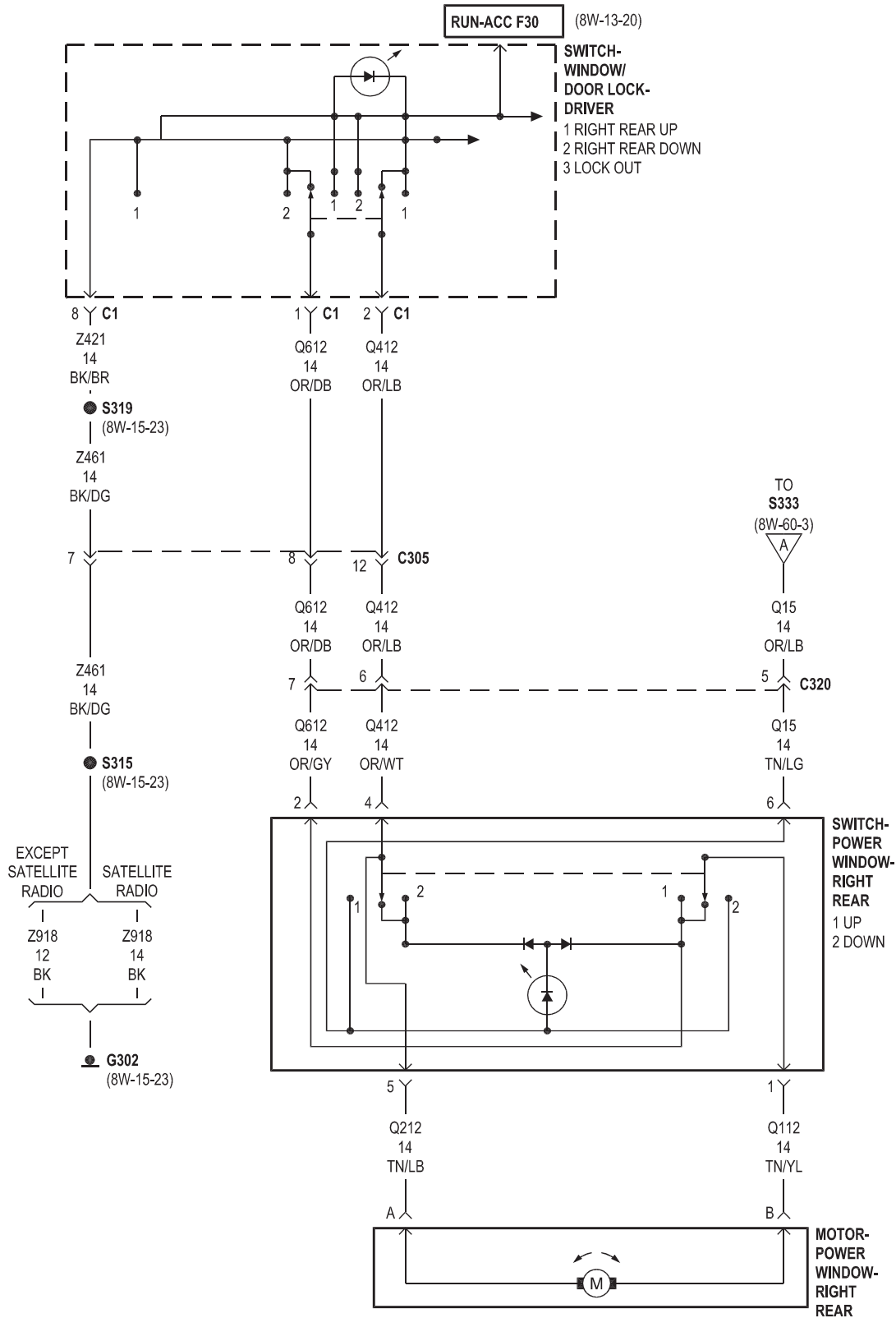




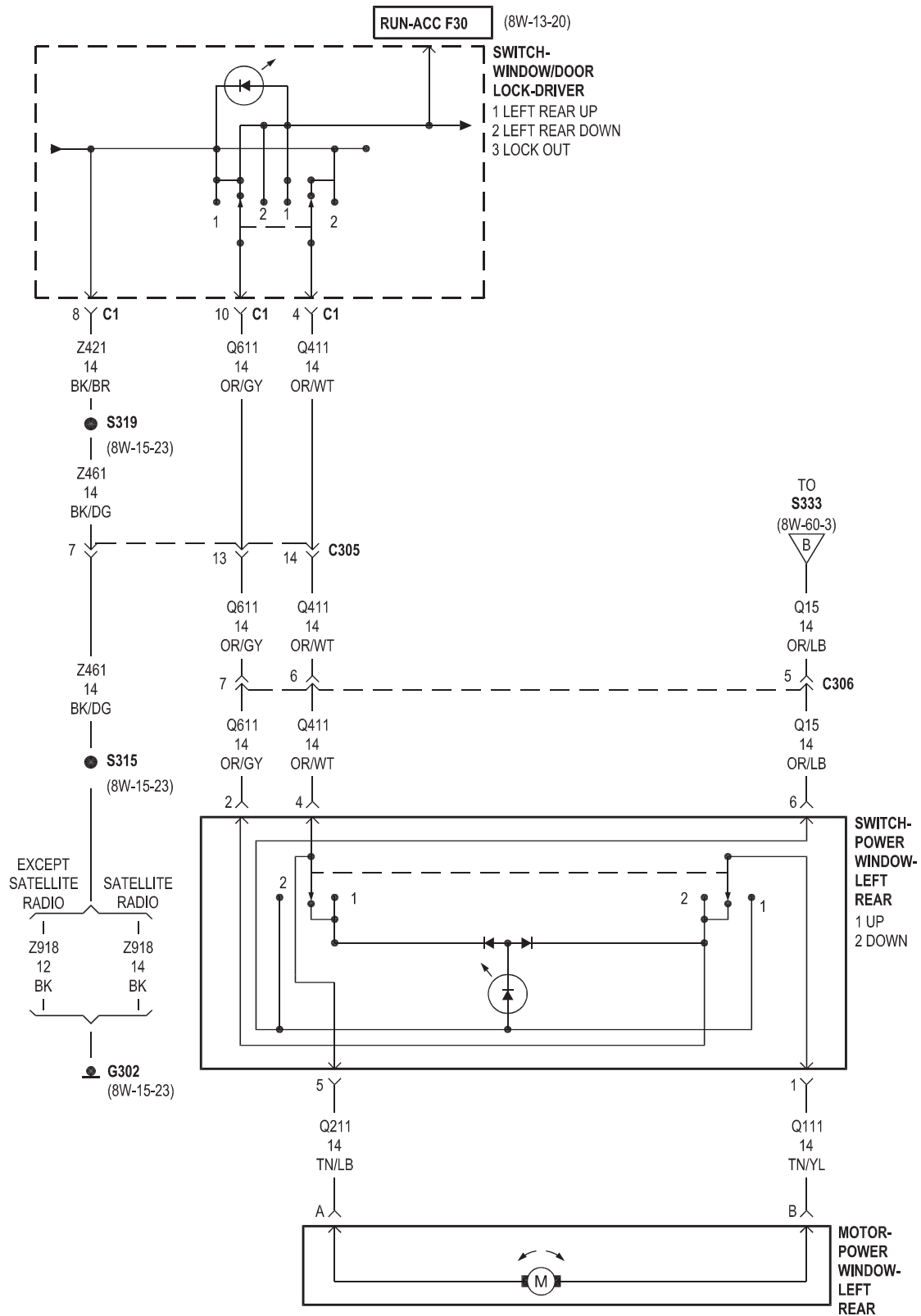
8W-60 POWER WINDOWS

Component	Page	Component	Page
Circuit Breaker-Power Window	8W-60-2	Relay-Ignition Run-Acc	8W-60-2
G302	8W-60-2, 3, 4, 5	Switch-Ignition	8W-60-2
Motor-Power Window Driver	8W-60-2	Switch-Power Window-Left Rear	8W-60-5
Motor-Power Window-Left Rear	8W-60-5	Switch-Power Window-Passenger	8W-60-3
Motor-Power Window-Passenger	8W-60-3	Switch-Power Window-Right Rear	8W-60-4
Motor-Power Window-Right Rear	8W-60-4	Switch-Window/Door Lock-Driver . .	8W-60-2, 3, 4, 5



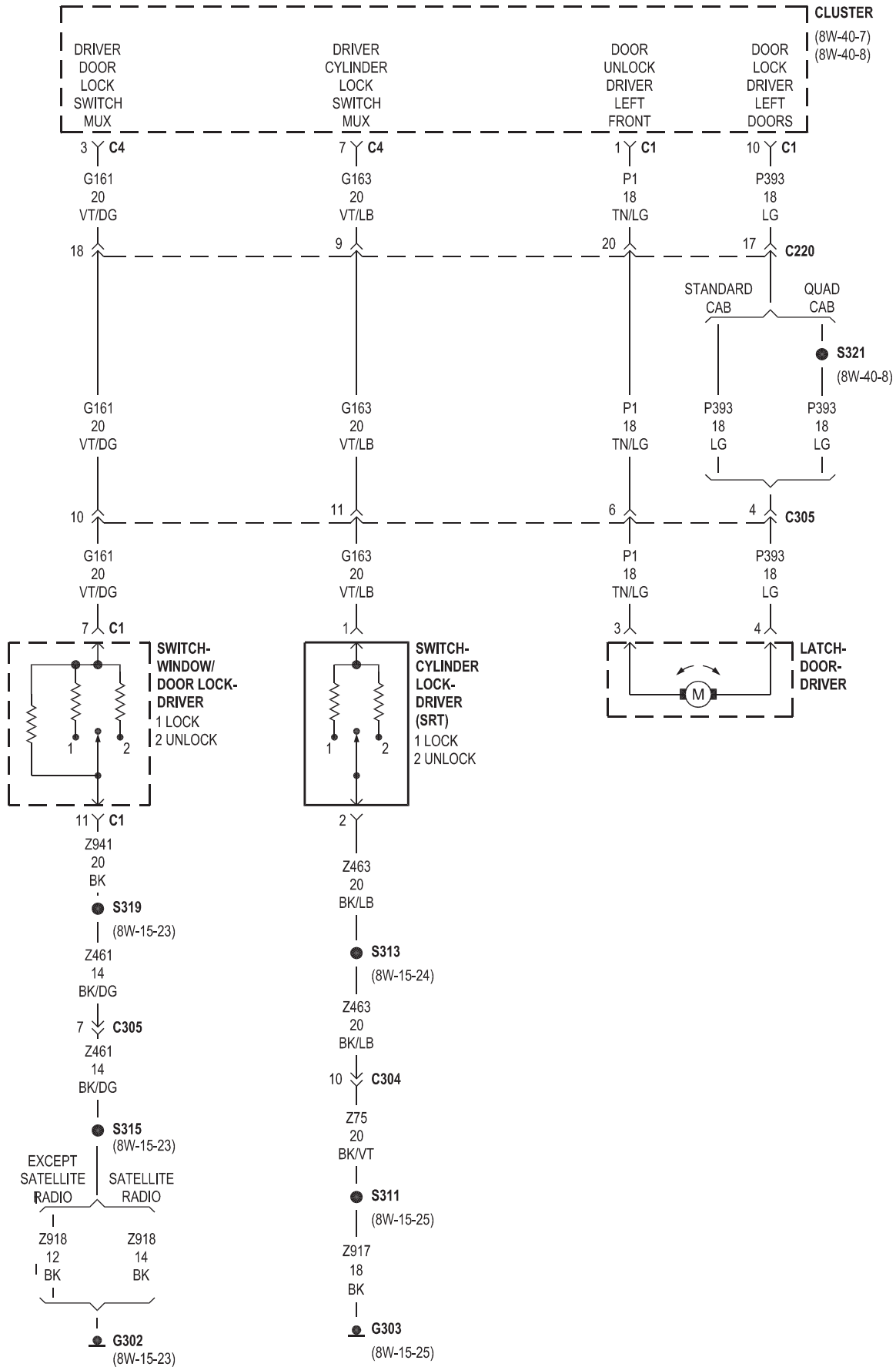


DR **8W-60 POWER WINDOWS** **QUAD CAB** 8W - 60 - 5



8W-61 POWER DOOR LOCKS

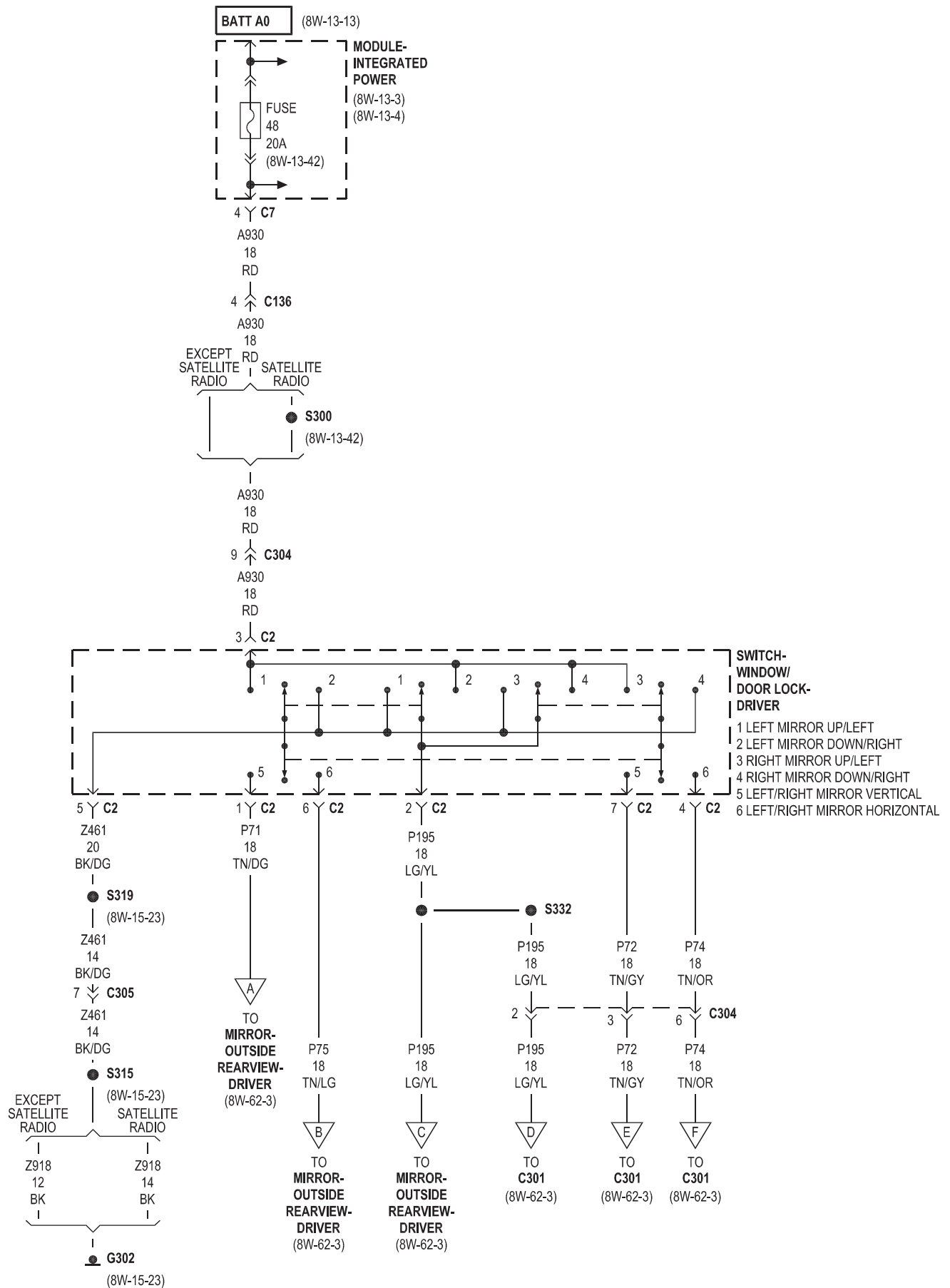
Component	Page	Component	Page
Cluster	8W-61-2, 3	Latch-Door-Passenger	8W-61-3
Fuse 28	8W-61-3	Latch-Door-Right Rear	8W-61-3
G302	8W-61-2	Module-Integrated Power	8W-61-3
G303	8W-61-2, 3	Switch-Cylinder Lock-Driver	8W-61-2
Latch-Door-Driver	8W-61-2	Switch-Door Lock-Passenger	8W-61-3
Latch-Door-Left Rear	8W-61-3	Switch-Window/Door Lock-Driver	8W-61-2

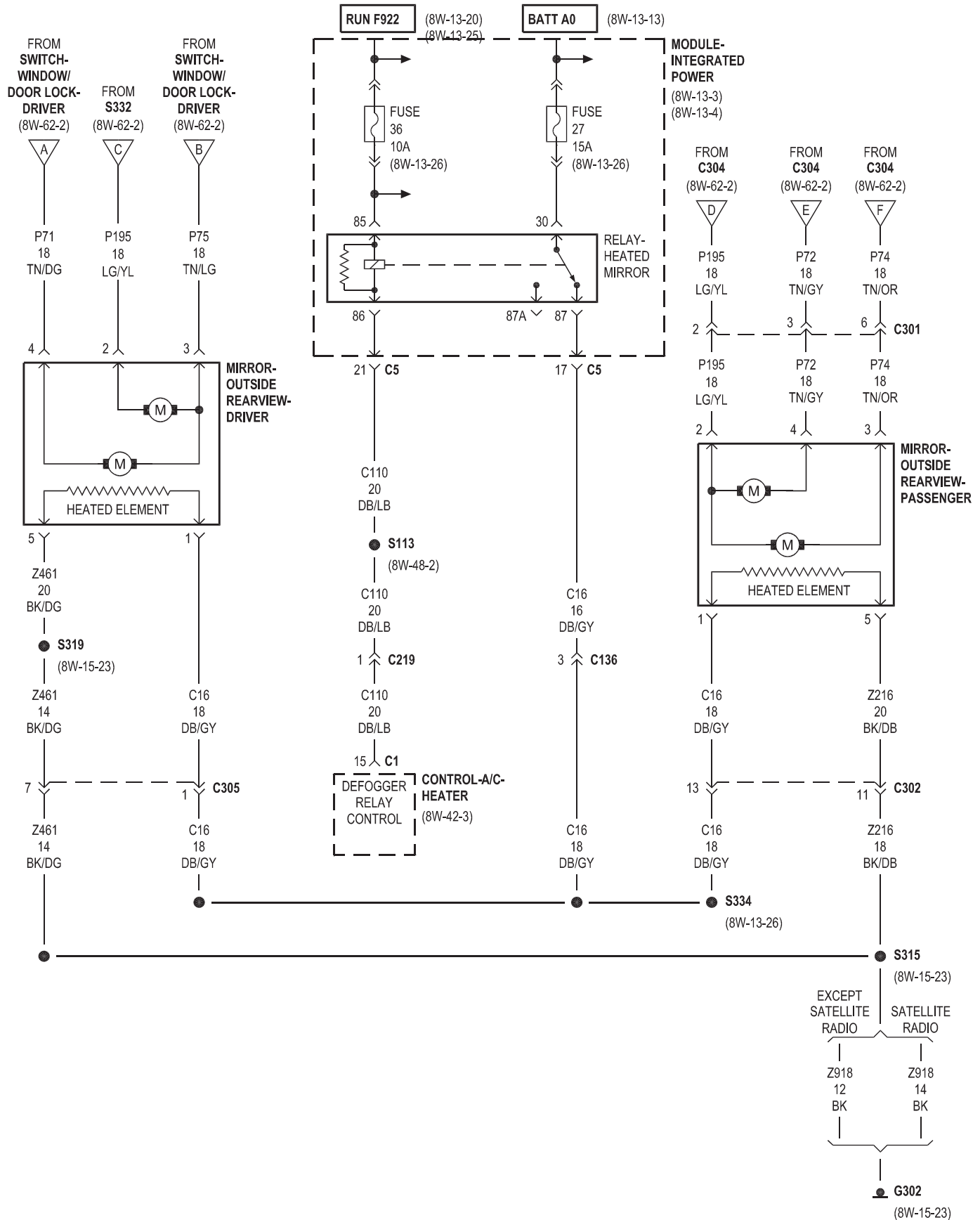




8W-62 POWER MIRRORS

Component	Page	Component	Page
Control-A/C-Heater	8W-62-3	Mirror-Outside Rearview-Driver	8W-62-2, 3
Fuse 27	8W-62-3	Mirror-Outside Rearview-Passenger	8W-62-3
Fuse 36	8W-62-3	Module-Integrated Power	8W-62-2, 3
Fuse 48	8W-62-2	Relay-Heated Mirror	8W-62-3
G302	8W-62-2, 3	Switch-Window/Door Lock-Driver	8W-62-2, 3

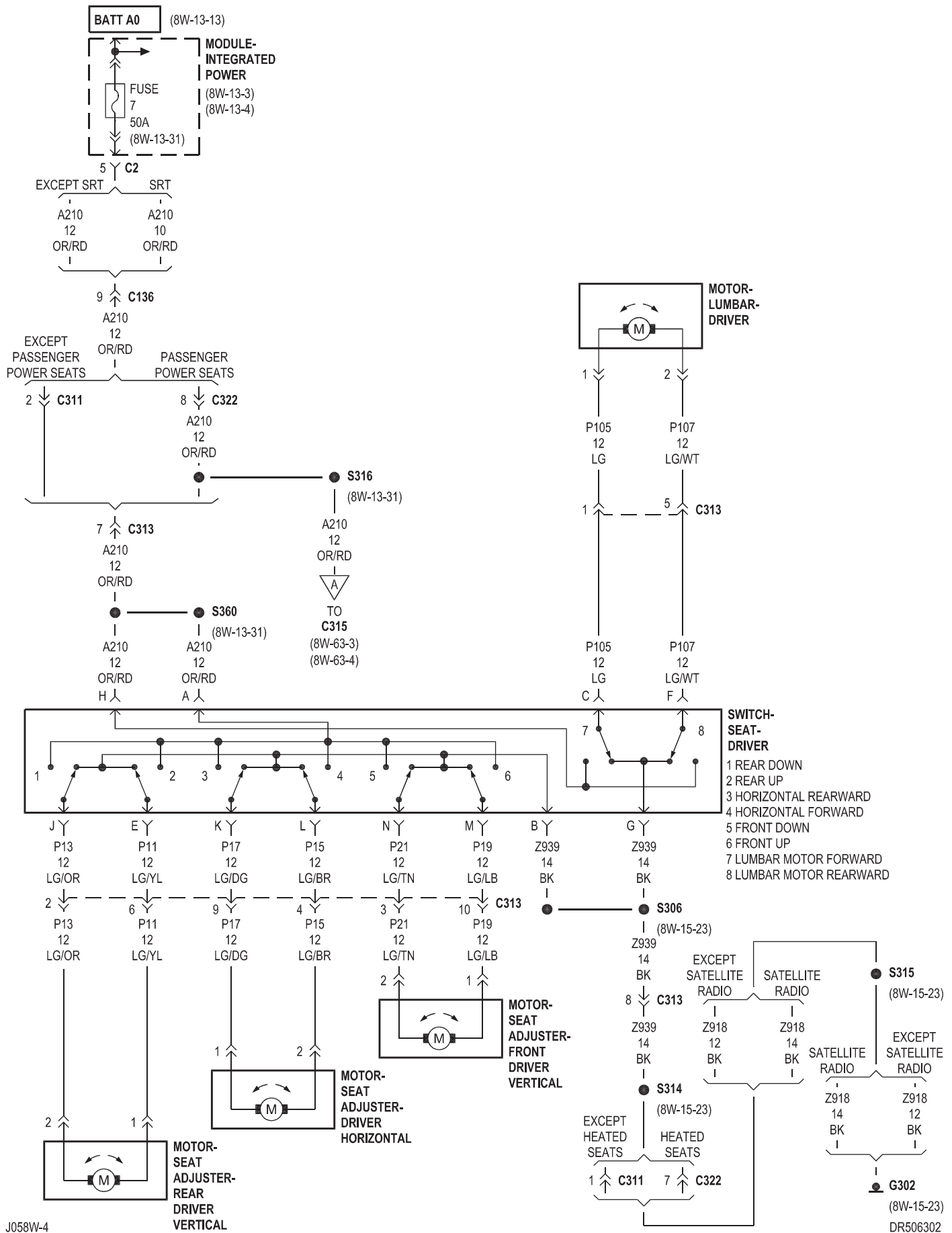


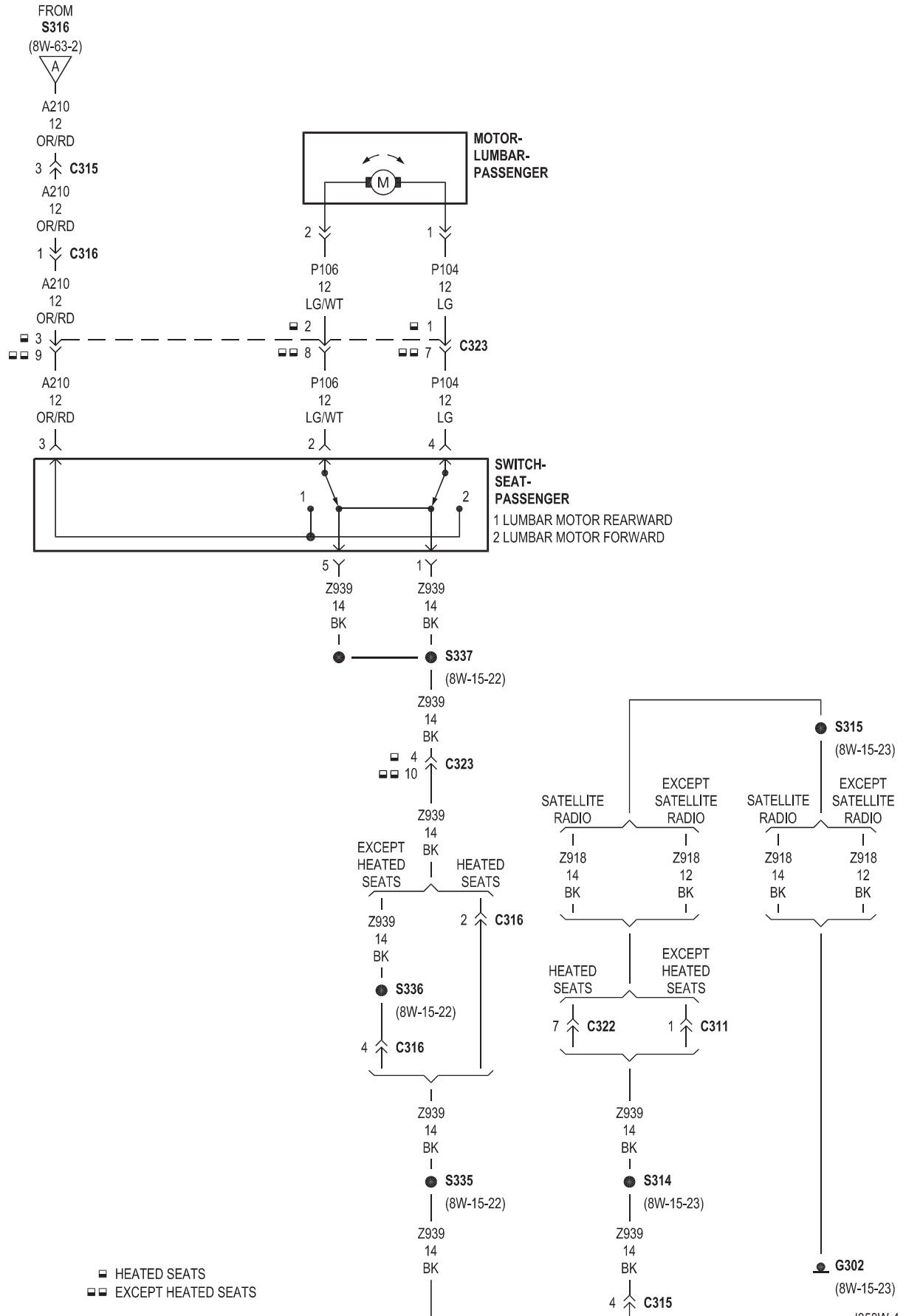


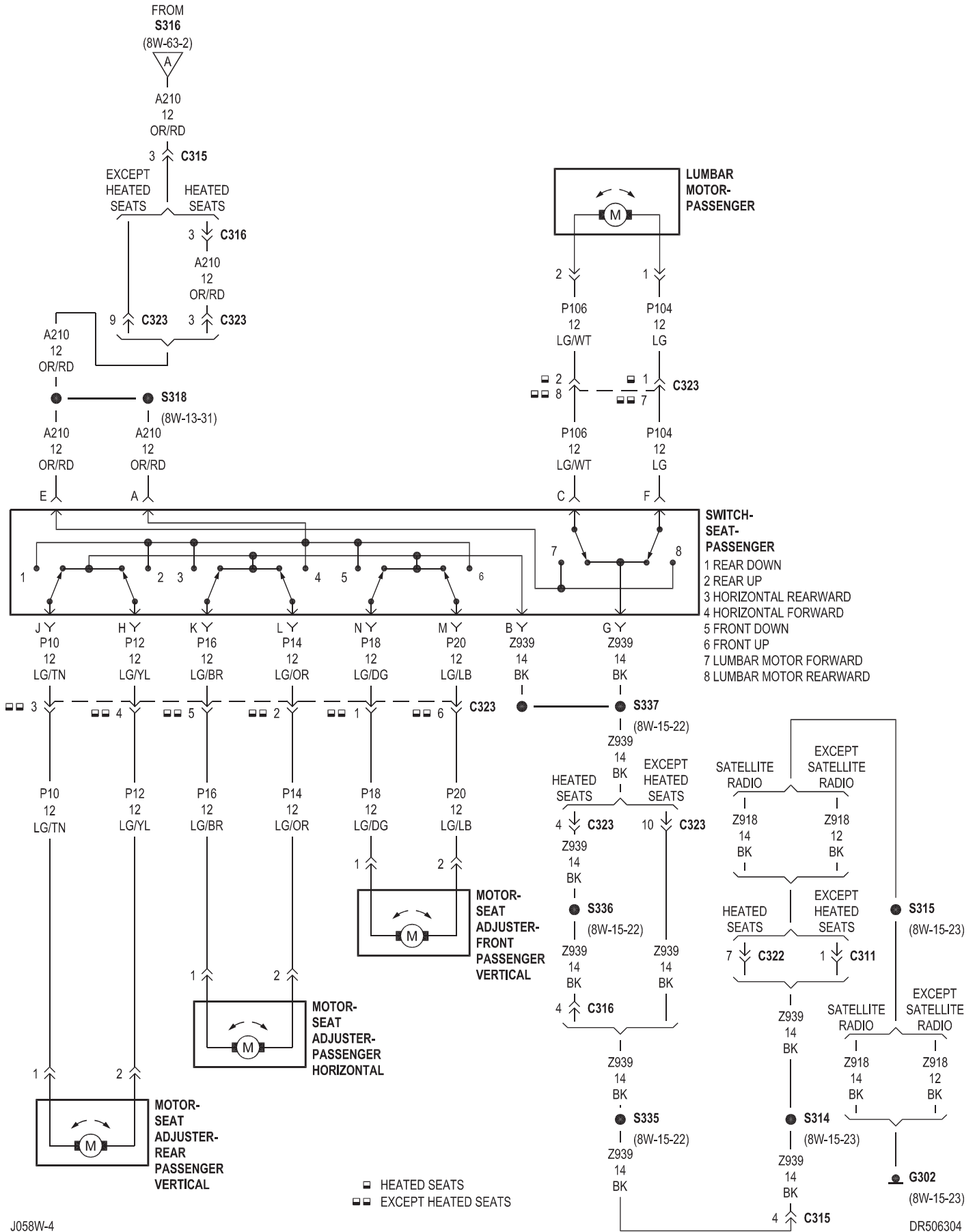
8W-63 POWER SEATS

Component	Page
Cluster	8W-63-5
Fuse 7	8W-63-2
Fuse 48	8W-63-6
G203	8W-63-5
G302	8W-63-2, 3, 4, 7
G303	8W-63-7
Heater-Seat Cushion-Driver	8W-63-7
Heater-Seat Cushion-Passenger	8W-63-7
Lumbar Motor-Passenger	8W-63-4
Module-Heated Seats	8W-63-6, 7
Module-Integrated Power	8W-63-2, 6
Motor-Lumbar-Driver	8W-63-2
Motor-Lumbar-Passenger	8W-63-3

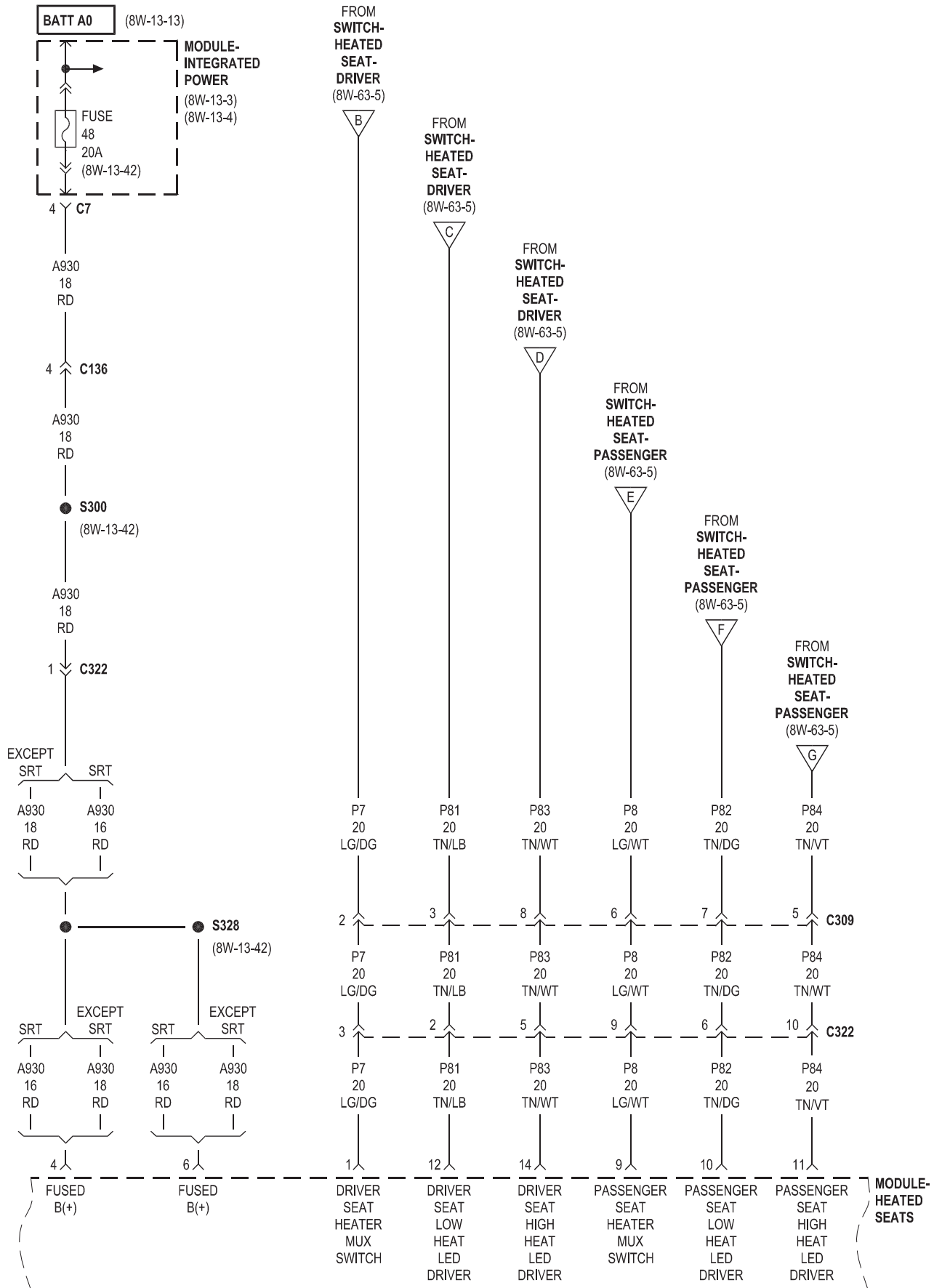
Component	Page
Motor-Seat Adjuster-Driver Horizontal	8W-63-2
Motor-Seat Adjuster-Front Driver Vertical .	8W-63-2
Motor-Seat Adjuster-Front Passenger Vertical	8W-63-4
Motor-Seat Adjuster-Passenger Horizontal .	8W-63-4
Motor-Seat Adjuster-Rear Driver Vertical . .	8W-63-2
Motor-Seat Adjuster-Rear Passenger Vertical	8W-63-4
Switch-Heated Seat-Driver	8W-63-5, 6
Switch-Heated Seat-Passenger	8W-63-5, 6
Switch-Seat-Driver	8W-63-2
Switch-Seat-Passenger	8W-63-3, 4













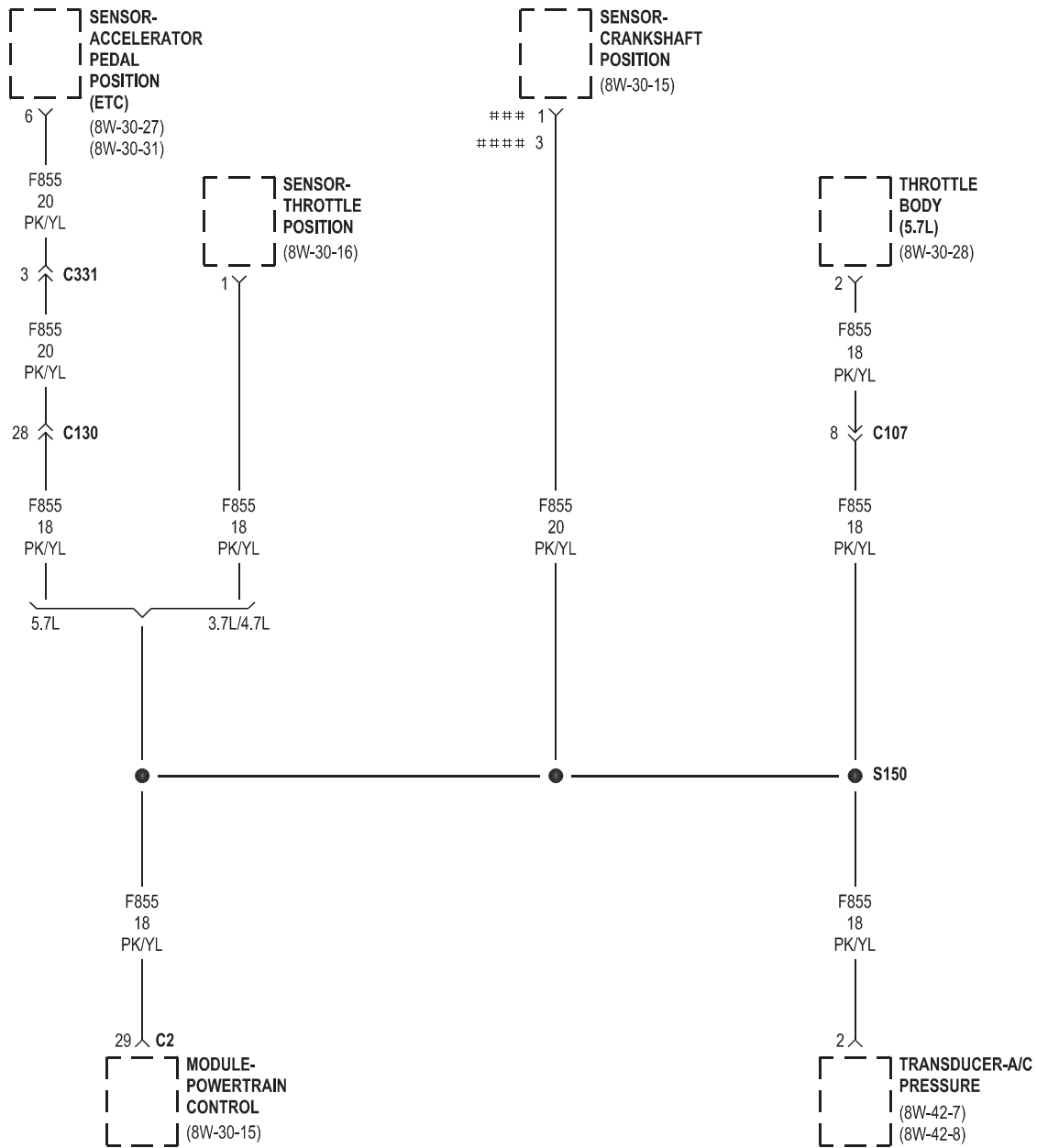
8W-64 POWER SUNROOF

Component	Page	Component	Page
Circuit Breaker-Power Window	8W-64-2	Motor-Sunroof	8W-64-2
Fuse 9	8W-64-2	PTC No. 2	8W-64-2
G203	8W-64-2	Switch-Sunroof	8W-64-2
Module-Integrated Power	8W-64-2		



8W-70 SPLICE INFORMATION

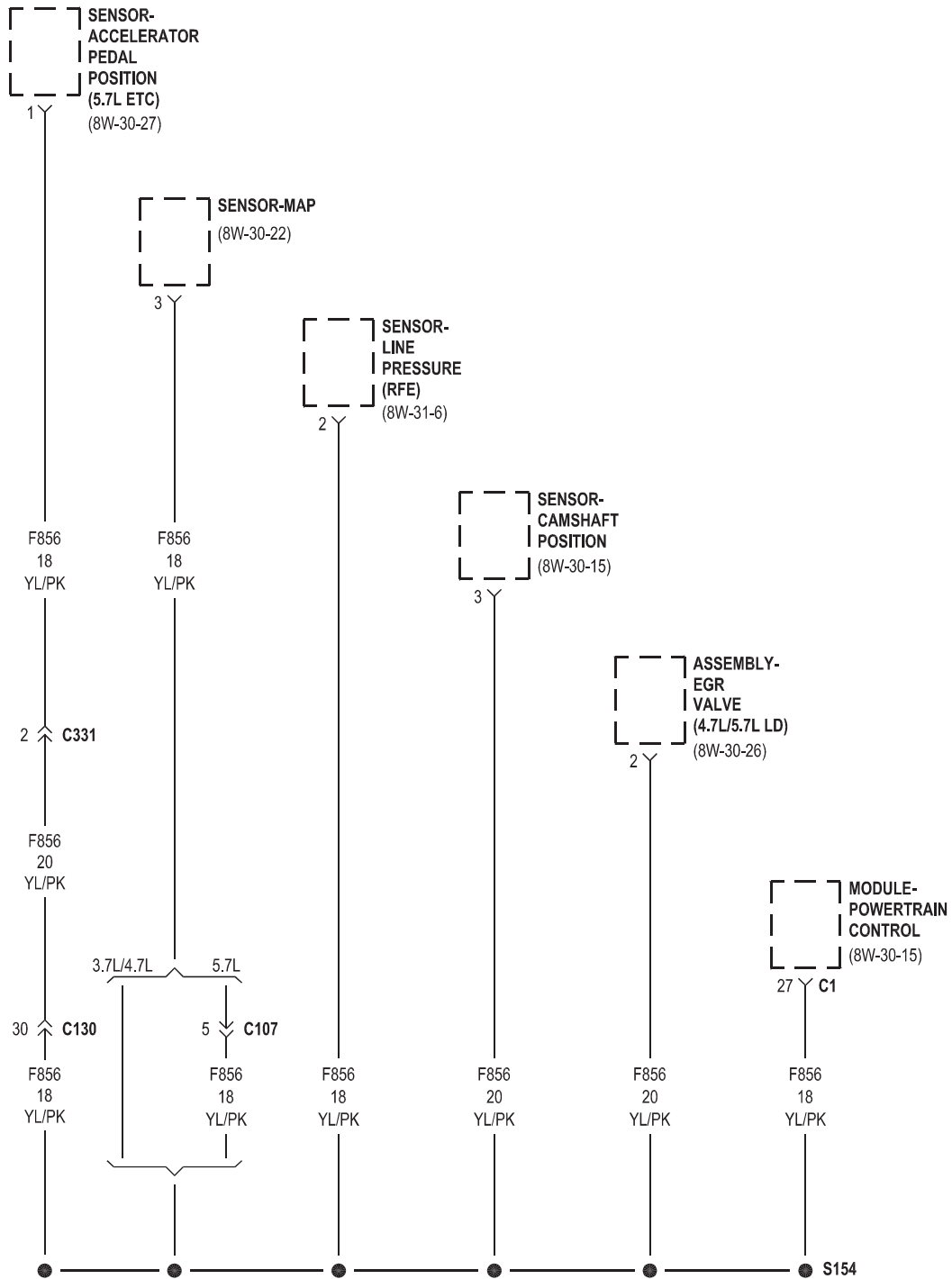
Component	Page	Component	Page
S101	8W-15-2	S186	8W-30-35
S102	8W-13-36	S188	8W-30-43
S103	8W-70-6	S189	8W-30-35
S104	8W-13-43	S191	8W-42-9
S105	8W-15-4	S192	8W-13-24
S106	8W-13-36	S193	8W-13-21
S107	8W-13-43	S195	8W-18-6
S108	8W-15-11	S196	8W-13-13
S109	8W-13-43	S197	8W-13-13
S110	8W-13-39	S198	8W-13-13
S111	8W-33-2	S199	8W-13-13
S112	8W-13-15	S204	8W-13-33
S113	8W-48-2	S205	8W-13-22
S114	8W-13-31	S206	8W-33-5, 6
S115	8W-13-13	S207	8W-33-5, 6
S116	8W-13-23	S208	8W-13-24
S117	8W-70-4	S209	8W-63-5
S118	8W-13-13	S210	8W-13-20
S119	8W-31-5	S212	8W-13-23
S120	8W-13-47	S214	8W-33-2
S121	8W-33-3	S216	8W-63-5
S122	8W-13-21	S219	8W-47-9
S123	8W-70-11, 12	S220	8W-15-18
S124	8W-70-3, 5, 12	S221	8W-13-39
S125	8W-13-27	S222	8W-13-40
S126	8W-30-14, 21	S224	8W-42-2
S127	8W-31-9	S225	8W-13-26
S128	8W-13-19	S226	8W-42-4, 5
S129	8W-13-19	S228	8W-33-6
S130	8W-70-7, 8	S230	8W-18-5
S131	8W-70-9	S231	8W-18-6
S132	8W-70-7, 8, 9	S240	8W-13-39
S133	8W-31-12	S241	8W-13-37
S134	8W-13-19	S245	8W-13-33
S135	8W-70-8	S246	8W-13-21
S136	8W-30-13, 30	S300	8W-13-42
S137	8W-13-15	S301	8W-44-2, 3
S138	8W-20-2	S303	8W-13-37
S140	8W-13-26	S305	8W-15-21
S141	8W-30-14, 20	S306	8W-15-23
S142	8W-13-16	S308	8W-15-4
S143	8W-13-17	S309	8W-15-3
S144	8W-70-6	S310	8W-15-20
S145	8W-13-33	S311	8W-15-25
S146	8W-70-10	S312	8W-15-24
S147	8W-15-7	S313	8W-15-24
S148	8W-13-15	S314	8W-15-23
S149	8W-13-16	S315	8W-15-23
S150	8W-70-2	S316	8W-13-31
S151	8W-13-28	S318	8W-13-31
S152	8W-30-3, 25	S319	8W-15-23
S154	8W-70-3	S320	8W-40-4
S155	8W-13-17	S321	8W-40-8
S156	8W-30-42	S323	8W-61-3
S157	8W-30-31	S324	8W-13-36
S158	8W-30-42	S325	8W-13-47
S159	8W-30-42	S326	8W-13-37
S160	8W-13-18	S327	8W-13-36
S161	8W-15-4	S328	8W-13-42
S162	8W-13-17	S329	8W-63-7
S163	8W-13-18	S330	8W-13-44
S164	8W-15-16	S331	8W-13-44
S165	8W-13-13	S332	8W-62-2
S166	8W-13-13	S333	8W-60-3
S168	8W-30-18	S334	8W-13-26
S169	8W-30-19	S335	8W-15-22
S170	8W-30-41	S336	8W-15-22
S171	8W-30-42	S337	8W-15-22
S172	8W-70-12	S338	8W-61-3
S173	8W-70-5	S340	8W-15-3
S174	8W-30-25, 41	S341	8W-15-3
S175	8W-30-41	S342	8W-13-37
S176	8W-15-16	S343	8W-13-37
S177	8W-30-41	S344	8W-44-2, 3
S179	8W-31-8	S345	8W-47-10
S181	8W-31-8	S360	8W-13-31
S182	8W-70-10	S390	8W-15-25
S183	8W-70-9		
S185	8W-13-26		

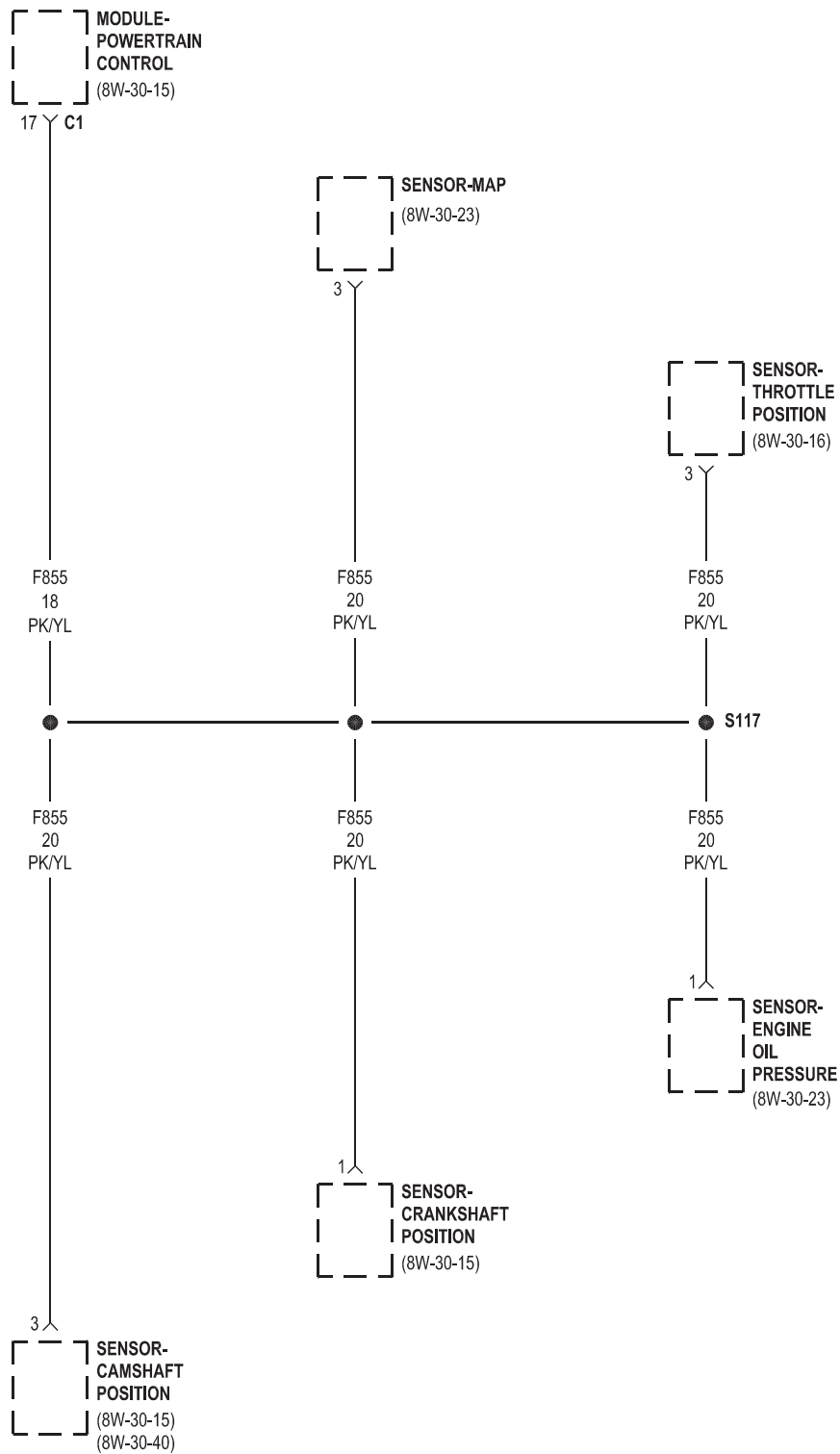


5.7L

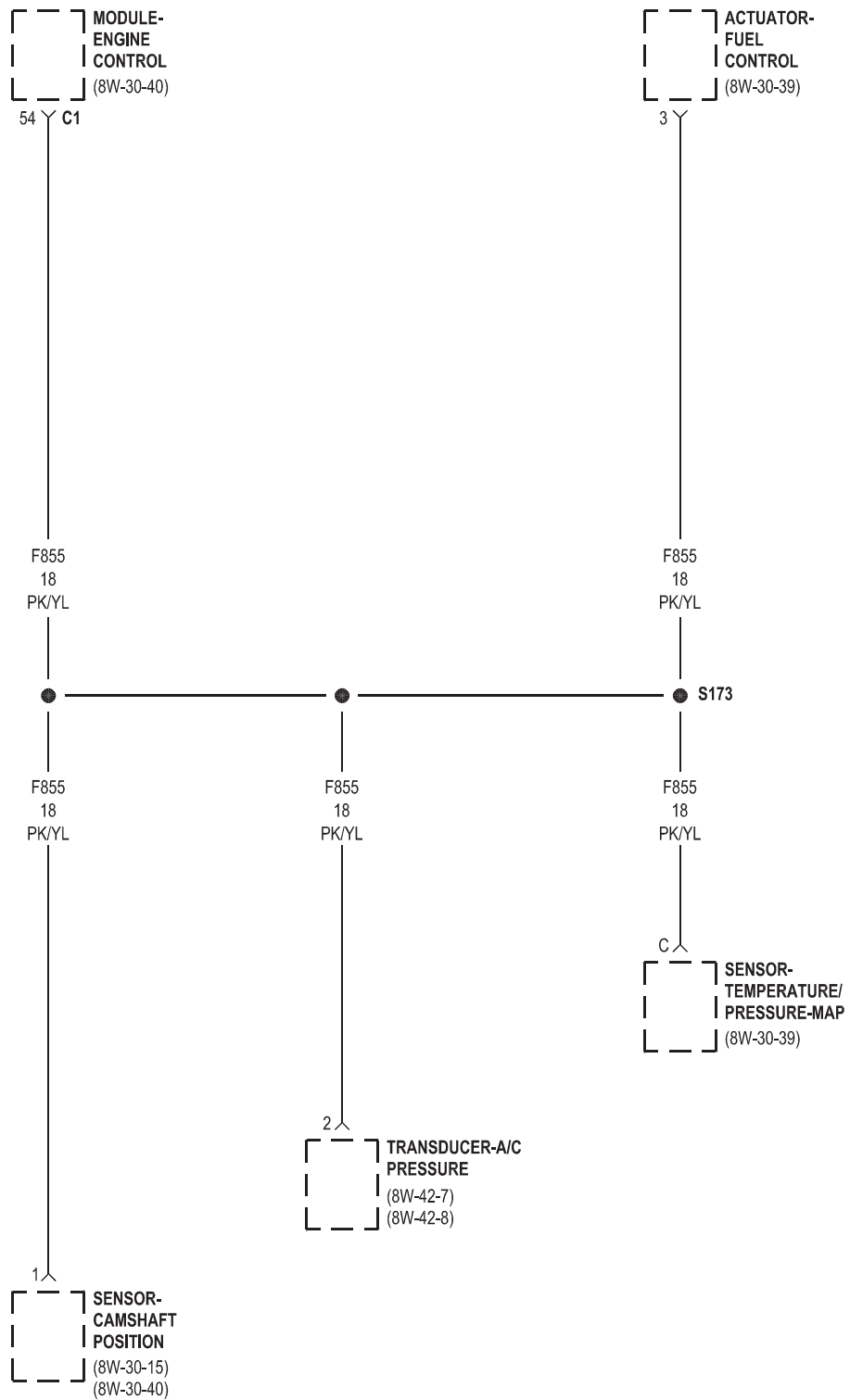
3.7L/4.7L

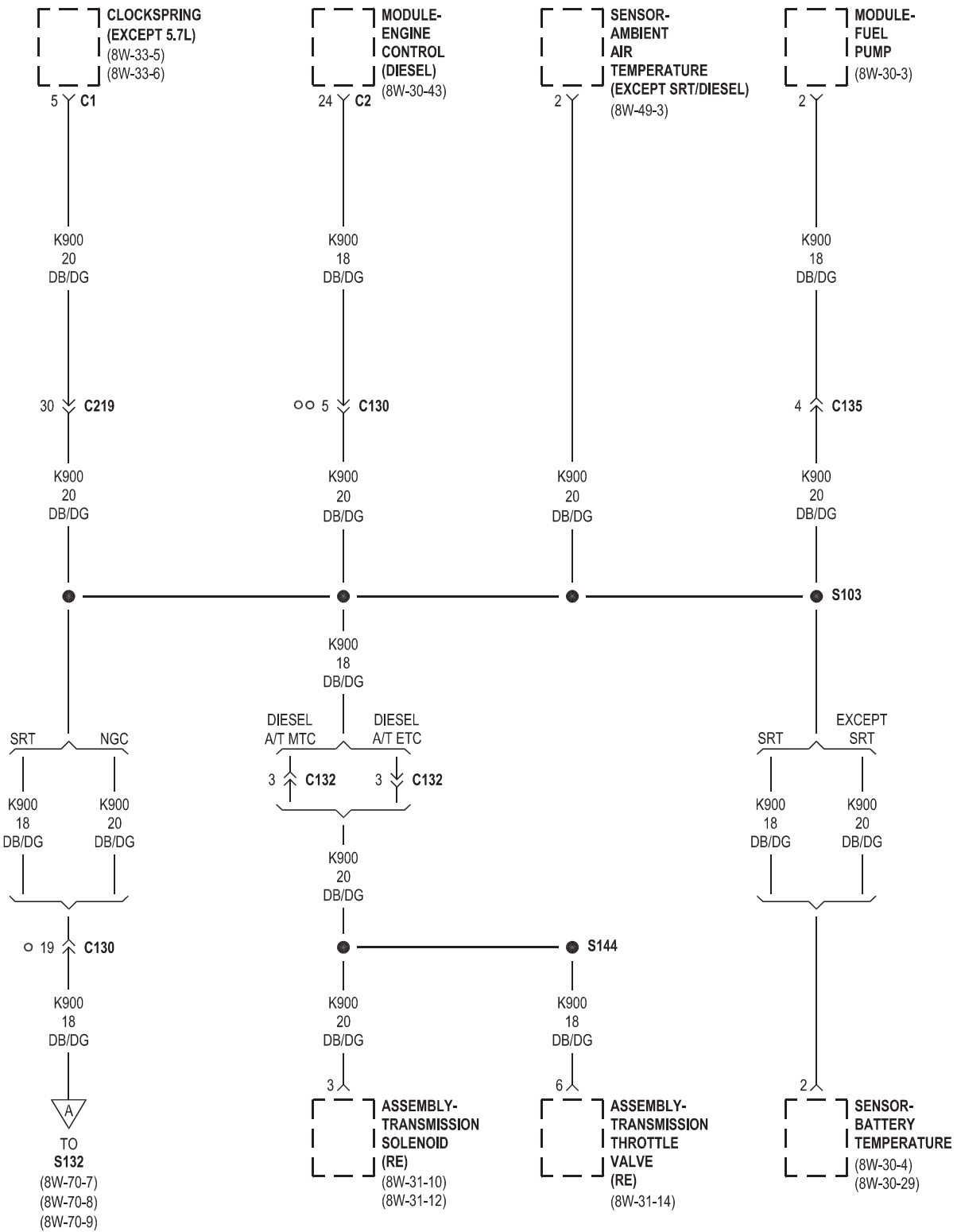
DR **8W-70 SPlice INFORMATION** 8W - 70 - 3
NGC





DR **8W-70 SPLICE INFORMATION** **8W - 70 - 5**
DIESEL

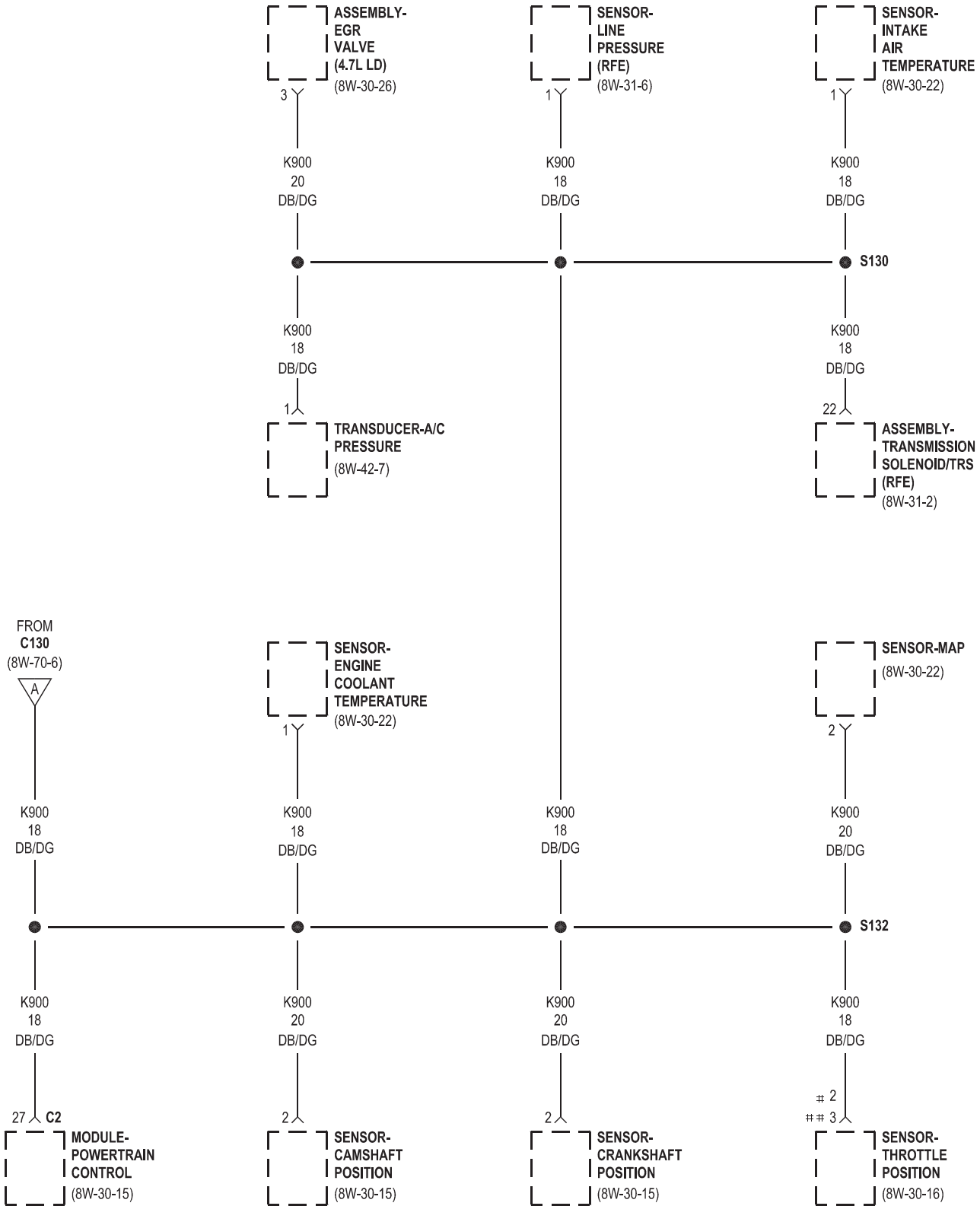




○ GAS

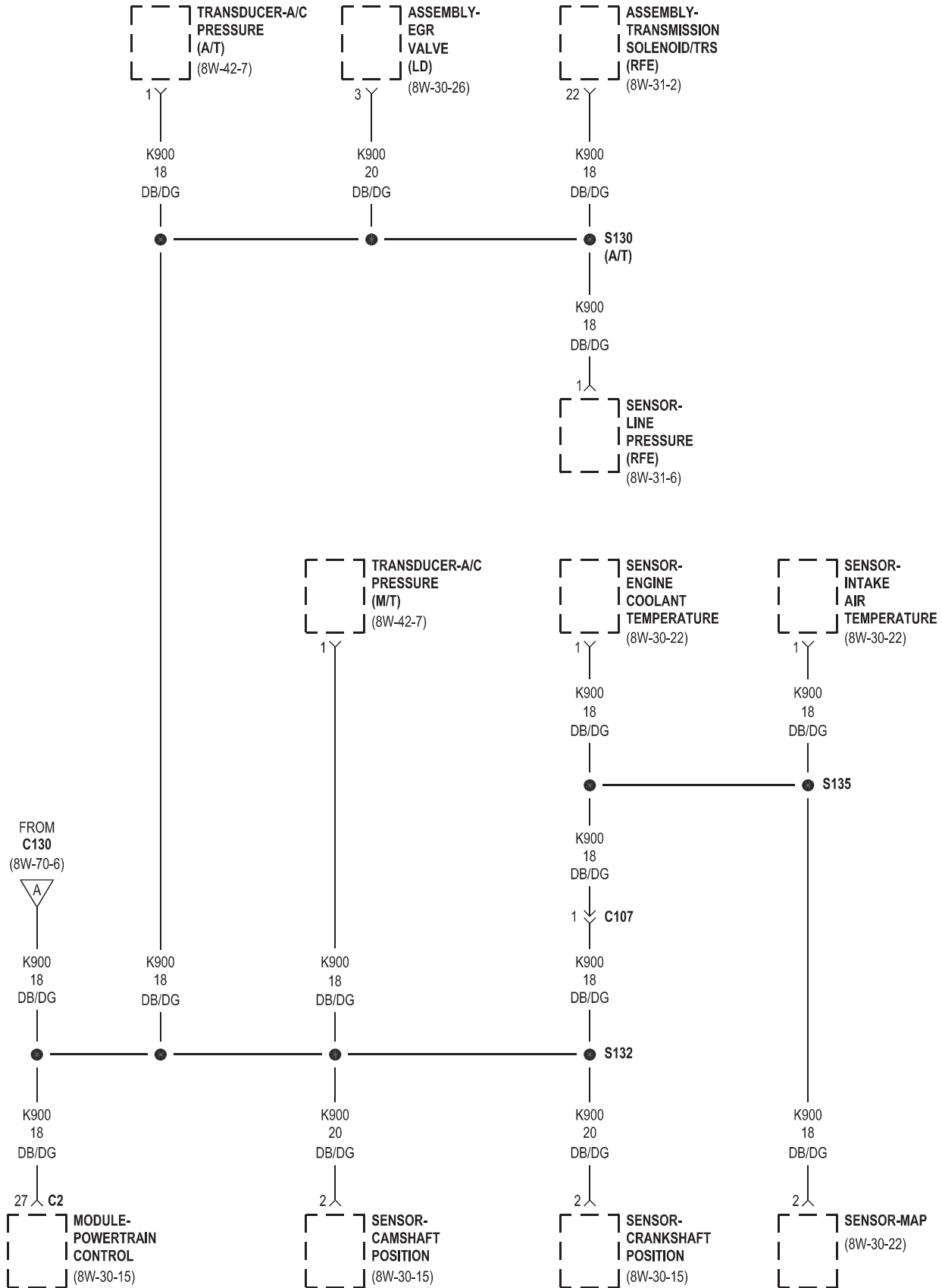
○○ DIESEL

DR **8W-70 SPLICE INFORMATION** **8W - 70 - 7**
3.7L/4.7L

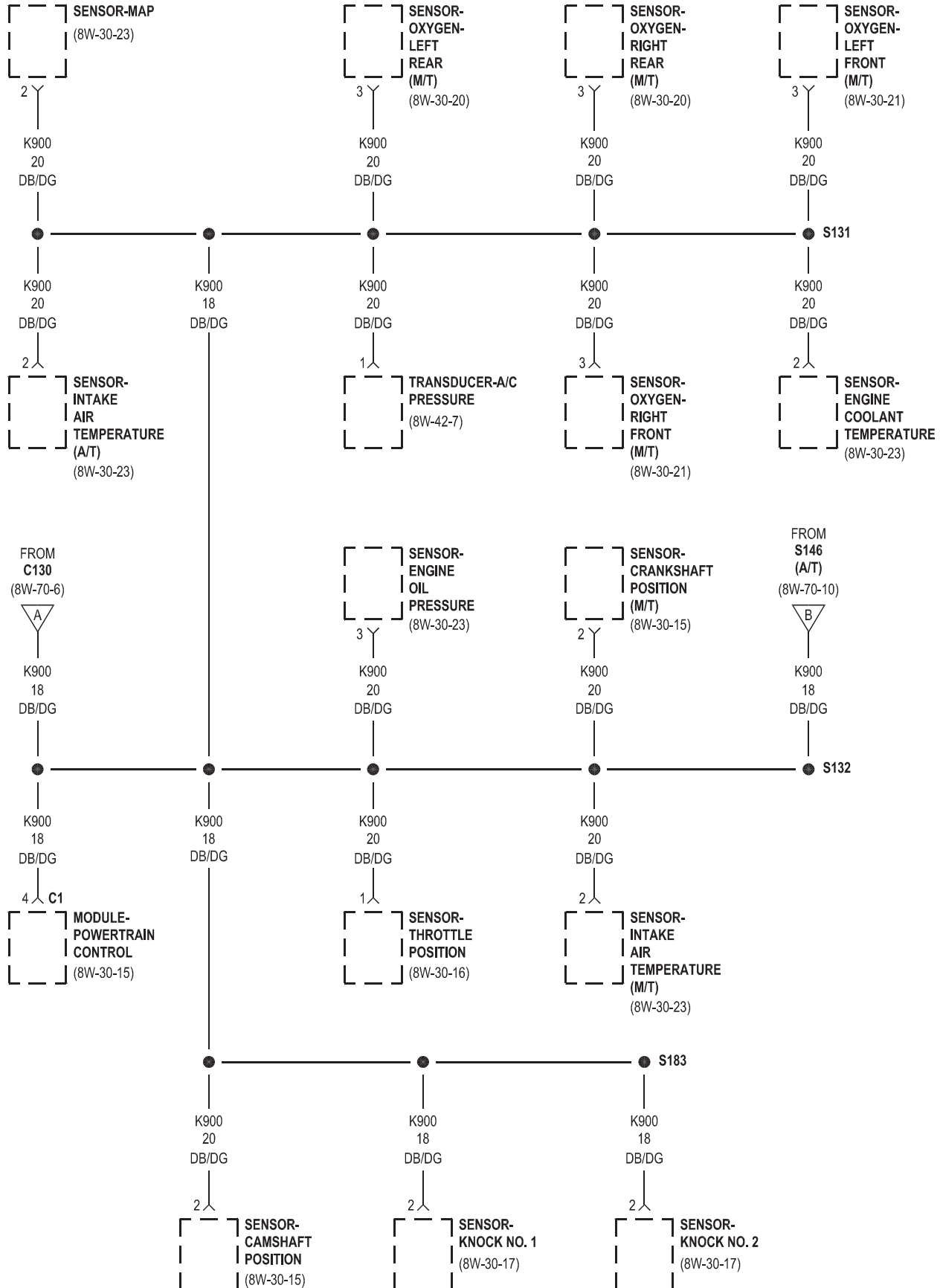


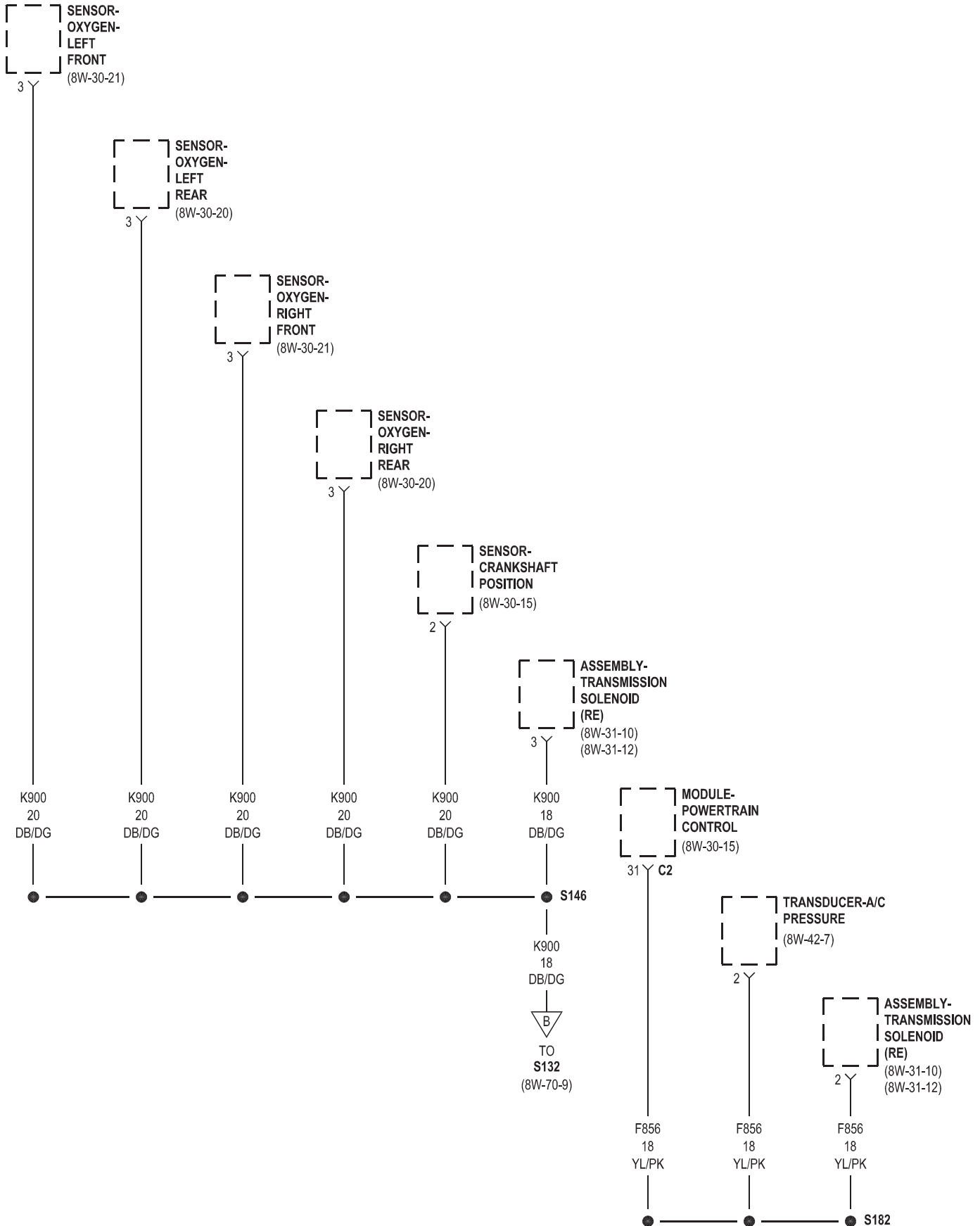
3.7L
4.7L

5.7L

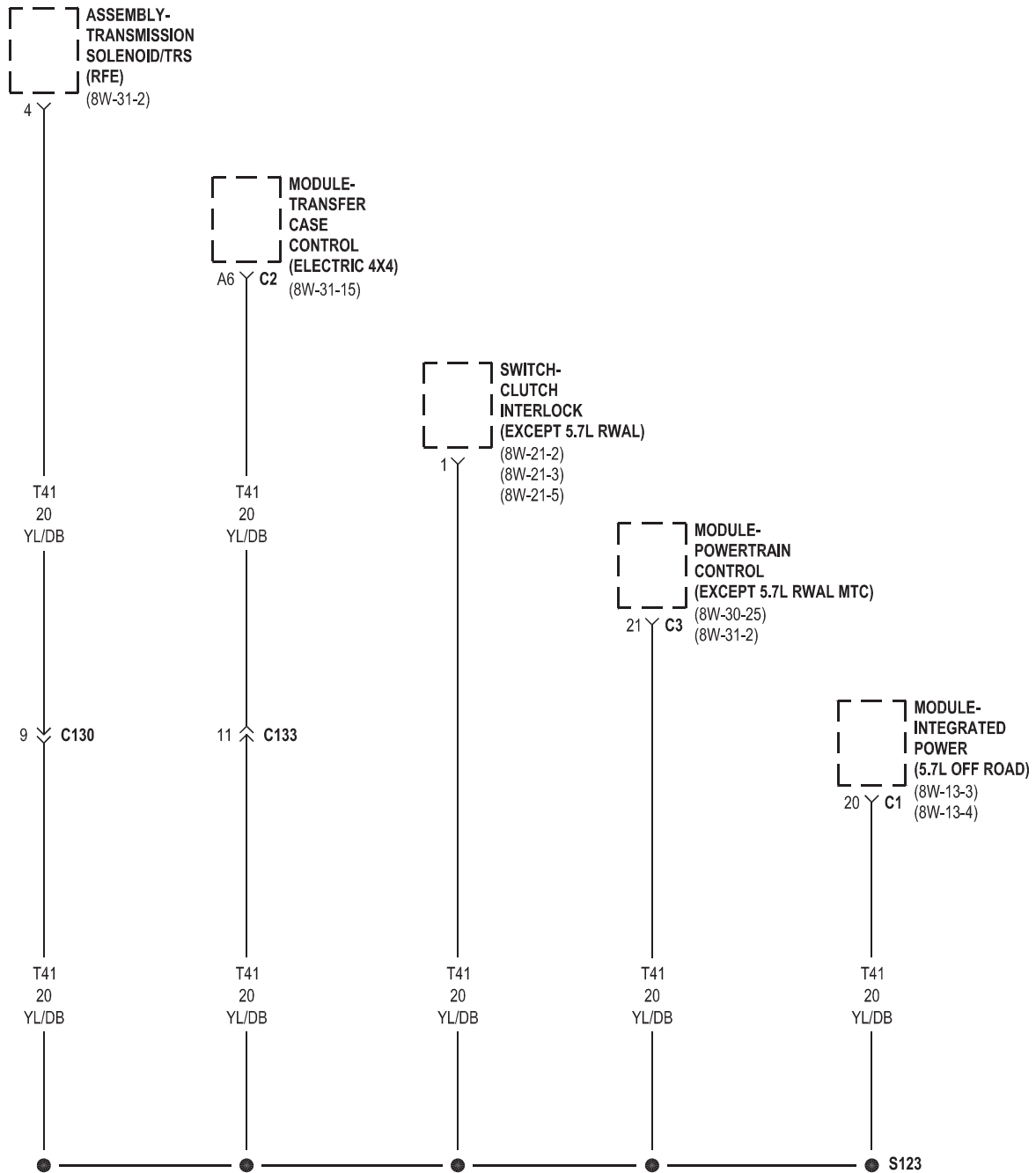


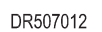
DR 8W-70 SPICE INFORMATION SRT 8W - 70 - 9





DR **8W-70 SPLICE INFORMATION** **8W - 70 - 11**
NGC





8W-80 CONNECTOR PIN-OUTS

Component	Page
Actuator-Blend Door (Single Zone)	8W-80-6
Actuator-Blend Door-Driver (Dual Zone) . .	8W-80-6
Actuator-Blend Door-Passenger (Dual Zone)	8W-80-6
Actuator-Fuel Control (Diesel)	8W-80-6
Actuator-Mode Door 1 (Panel To Floor) . .	8W-80-6
Actuator-Mode Door 2 (Defrost To Floor) . .	8W-80-7
Actuator-Recirculation Door	8W-80-7
Airbag-Passenger Squib	8W-80-7
Airbag-Side Curtain-Left	8W-80-7
Airbag-Side Curtain-Right	8W-80-8
Amplifier-Radio C1 (Premium)	8W-80-8
Amplifier-Radio C2 (Premium)	8W-80-9
Amplifier-Subwoofer (SRT)	8W-80-9
Antenna Cable-Satellite Radio No. 1	8W-80-10
Antenna Cable-Satellite Radio No. 2	8W-80-10
Antenna-Satellite No. 1	8W-80-10
Antenna-Satellite No. 2	8W-80-10
Assembly-EGR Valve (4.7L/5.7L LD)	8W-80-11
Assembly-Natural Vacuum Leak Detection (NGC)	8W-80-11
Assembly-Shift Motor/Mode Sensor C1 (ETC)	8W-80-11
Assembly-Shift Motor/Mode Sensor C2 (ETC)	8W-80-11
Assembly-Transmission Solenoid (RE) . . .	8W-80-12
Assembly-Transmission Solenoid/TRS (RFE)	8W-80-12
Assembly-Transmission Throttle Valve (RE)	8W-80-13
Assembly-Winch	8W-80-13
Assembly-Winch B(+) Eyelet	8W-80-13
Assembly-Winch Ground	8W-80-13
Backlite-Heated (Ground)	8W-80-13
Backlite-Heated (Power)	8W-80-14
Battery-Negative (3.7L/4.7L)	8W-80-14
Battery-Negative (3.7L/4.7L)	8W-80-14
Battery-Negative (5.7L Off Road)	8W-80-14
Battery-Negative (5.7L/SRT)	8W-80-15
Battery-Negative (5.7L/SRT)	8W-80-15
Battery-Negative (Diesel Left Battery) . .	8W-80-15
Battery-Negative (Diesel Right Battery) . .	8W-80-15
Battery-Positive (3.7L/4.7L)	8W-80-16
Battery-Positive (5.7L Except Off Road/SRT)	8W-80-16
Battery-Positive (5.7L Off Road)	8W-80-16
Battery-Positive (5.7L Off Road)	8W-80-16
Battery-Positive (Diesel Left Battery) . . .	8W-80-17
Battery-Positive (Diesel Right Battery) . .	8W-80-17

Component	Page
Battery-Positive (Diesel Right Battery) . .	8W-80-17
Battery-Positive (Diesel Right Battery) . .	8W-80-17
C102 (5.7L Off Road)	8W-80-17
C102 (5.7L Off Road)	8W-80-18
C102 (Except 5.7L Off Road)	8W-80-18
C102 (Except 5.7L Off Road)	8W-80-18
C103 (SRT)	8W-80-18
C103	8W-80-18
C106 (5.7L)	8W-80-19
C106 (5.7L)	8W-80-19
C107 (5.7L)	8W-80-20
C107 (5.7L)	8W-80-20
C108 (Diesel A/T)	8W-80-20
C108 (Diesel A/T)	8W-80-21
C112 (Diesel)	8W-80-21
C112 (Diesel)	8W-80-21
C114 (Diesel)	8W-80-22
C114 (Diesel)	8W-80-22
C115 (Diesel)	8W-80-22
C115 (Diesel)	8W-80-22
C116 (Diesel)	8W-80-23
C116 (Diesel)	8W-80-23
C117 (Diesel)	8W-80-23
C117 (Diesel)	8W-80-23
C130 (Diesel)	8W-80-24
C130 (Diesel)	8W-80-25
C130 (Gas)	8W-80-26
C130 (Gas)	8W-80-27
C131 (5.7L ETC)	8W-80-28
C131 (5.7L ETC)	8W-80-28
C132 (Diesel M/T MTC)	8W-80-28
C132 (Diesel M/T MTC)	8W-80-28
C132 (Diesel M/T ETC/Diesel A/T MTC) . .	8W-80-29
C132 (Diesel M/T ETC/Diesel A/T MTC) . .	8W-80-29
C132 (Diesel A/T ETC)	8W-80-30
C132 (Diesel A/T ETC)	8W-80-30
C133	8W-80-31
C133	8W-80-31
C134 (5.7L Off Road)	8W-80-31
C134 (Power Wagon)	8W-80-32
C135	8W-80-32
C135	8W-80-33
C136	8W-80-33
C136	8W-80-34
C137 (Smart Bar)	8W-80-34
C137 (Smart Bar)	8W-80-34
C138	8W-80-35
C138	8W-80-35
C200	8W-80-35

Component	Page	Component	Page
C200	8W-80-35	Circuit Breaker-Power Window	8W-80-55
C201	8W-80-36	Clockspring C1	8W-80-55
C201	8W-80-36	Clockspring C2	8W-80-56
C206 (Except Hands Free)	8W-80-36	Clockspring C3	8W-80-56
C206 (Except Hands Free)	8W-80-37	Clockspring C4 (Premium)	8W-80-56
C206 (Hands Free)	8W-80-37	Cluster C1	8W-80-56
C206 (Hands Free)	8W-80-37	Cluster C3	8W-80-57
C219	8W-80-38	Cluster C4	8W-80-57
C219	8W-80-40	Clutch-A/C Compressor	8W-80-58
C220	8W-80-42	Coil-Ignition-Left (SRT)	8W-80-58
C220	8W-80-42	Coil-Ignition-No. 1 (3.7L/4.7L)	8W-80-58
C301	8W-80-43	Coil-Ignition-No. 1 (5.7L)	8W-80-58
C301	8W-80-43	Coil-Ignition-No. 2 (3.7L/4.7L)	8W-80-58
C302	8W-80-43	Coil-Ignition-No. 2 (5.7L)	8W-80-59
C302	8W-80-44	Coil-Ignition-No. 3 (3.7L/4.7L)	8W-80-59
C304	8W-80-44	Coil-Ignition-No. 3 (5.7L)	8W-80-59
C304	8W-80-44	Coil-Ignition-No. 4 (3.7L/4.7L)	8W-80-59
C305	8W-80-45	Coil-Ignition-No. 4 (5.7L)	8W-80-60
C305	8W-80-45	Coil-Ignition-No. 5 (3.7L/4.7L)	8W-80-60
C306 (Quad Cab)	8W-80-46	Coil-Ignition-No. 5 (5.7L)	8W-80-60
C306 (Quad Cab)	8W-80-46	Coil-Ignition-No. 6 (3.7L/4.7L)	8W-80-60
C308	8W-80-46	Coil-Ignition-No. 6 (5.7L)	8W-80-61
C308	8W-80-47	Coil-Ignition-No. 7 (4.7L)	8W-80-61
C309 (Except Base)	8W-80-47	Coil-Ignition-No. 7 (5.7L)	8W-80-61
C309 (Except Base)	8W-80-47	Coil-Ignition-No. 8 (4.7L)	8W-80-61
C311 (Except Heated Seats)	8W-80-48	Coil-Ignition-No. 8 (5.7L)	8W-80-62
C311 (Except Heated Seats)	8W-80-48	Coil-Ignition-Right (SRT)	8W-80-62
C313	8W-80-48	Control-A/C-Heater C1	8W-80-62
C313	8W-80-49	Control-A/C-Heater C2	8W-80-63
C315	8W-80-49	Data Link Connector	8W-80-63
C315	8W-80-49	Data Link Connector-Engine (Diesel)	8W-80-63
C316 (Heated Seats)	8W-80-49	Drive-Fan-Radiator (Diesel)	8W-80-64
C316	8W-80-50	Fuse HoLDer (SRT)	8W-80-64
C319	8W-80-50	Gauge-Engine Oil Temperature (SRT) ...	8W-80-64
C319	8W-80-50	Generator (Except SRT)	8W-80-64
C320 (Quad Cab)	8W-80-50	Generator (SRT)	8W-80-64
C320 (Quad Cab)	8W-80-51	Generator (5.7L)	8W-80-65
C322 (Heated Seats)	8W-80-51	Generator (Diesel/3.7L/4.7L/SRT)	8W-80-65
C322 (Heated Seats)	8W-80-51	Heater-Fuel (Diesel)	8W-80-65
C323 (Except Heated Seats)	8W-80-52	Heater-Intake Air No. 1 (Diesel)	8W-80-65
C323 (Except Heated Seats)	8W-80-52	Heater-Intake Air No. 2 (Diesel)	8W-80-65
C323 (Heated Seats)	8W-80-52	Heater-Seat Cushion-Driver	8W-80-66
C323 (Heated Seats)	8W-80-53	Heater-Seat Cushion-Passenger	8W-80-66
C327 (Dual Rear Wheels)	8W-80-53	Horn-No. 1	8W-80-66
C327 (Dual Rear Wheels)	8W-80-53	Horn-No. 2	8W-80-66
C328 (Dual Rear Wheels)	8W-80-53	Injector-Fuel-No. 1 (Diesel)	8W-80-67
C328 (Dual Rear Wheels)	8W-80-53	Injector-Fuel-No. 1 (NGC)	8W-80-67
C331 (5.7L/Diesel)	8W-80-54	Injector-Fuel-No. 1 (SRT)	8W-80-67
C331 (5.7L/Diesel)	8W-80-54	Injector-Fuel-No. 10 (SRT)	8W-80-67
C337	8W-80-54	Injector-Fuel-No. 2 (Diesel)	8W-80-67
C337	8W-80-54	Injector-Fuel-No. 2 (NGC)	8W-80-68
C338 (Satellite Radio Standard Cab)	8W-80-54	Injector-Fuel-No. 2 (SRT)	8W-80-68
C338 (Satellite Radio Standard Cab)	8W-80-55	Injector-Fuel-No. 3 (Diesel)	8W-80-68
Capacitor-Ignition (3.7L/4.7L)	8W-80-55	Injector-Fuel-No. 3 (NGC)	8W-80-68

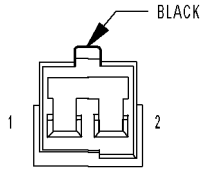
Component	Page	Component	Page
Injector-Fuel-No. 3 (SRT)	8W-80-68	Latch-Door-Passenger (Power Locks)	8W-80-79
Injector-Fuel-No. 4 (Diesel)	8W-80-69	Latch-Door-Right Rear (Base)	8W-80-79
Injector-Fuel-No. 4 (NGC)	8W-80-69	Latch-Door-Right Rear (Power Locks) . . .	8W-80-80
Injector-Fuel-No. 4 (SRT)	8W-80-69	Mirror-Inside Rearview C1 (Except Base) .	8W-80-80
Injector-Fuel-No. 5 (Diesel)	8W-80-69	Mirror-Inside Rearview C2 (Hands Free) .	8W-80-80
Injector-Fuel-No. 5 (NGC)	8W-80-69	Mirror-Outside Rearview-Driver	8W-80-81
Injector-Fuel-No. 5 (SRT)	8W-80-70	Mirror-Outside Rearview-Passenger	8W-80-81
Injector-Fuel-No. 6 (Diesel)	8W-80-70	Module-Anti-Lock Brakes C1	8W-80-81
Injector-Fuel-No. 6 (NGC)	8W-80-70	Module-Anti-Lock Brakes C2 (awal)	8W-80-82
Injector-Fuel-No. 6 (SRT)	8W-80-70	Module-Brake Provision	8W-80-82
Injector-Fuel-No. 7 (NGC)	8W-80-70	Module-Electronic Overhead (Except	
Injector-Fuel-No. 7 (SRT)	8W-80-71	Base)	8W-80-82
Injector-Fuel-No. 8 (NGC)	8W-80-71	Module-Engine Control C1	8W-80-82
Injector-Fuel-No. 8 (SRT)	8W-80-71	Module-Engine Control C2	8W-80-84
Injector-Fuel-No. 9 (SRT)	8W-80-71	Module-Final Drive Control (Off Road) . .	8W-80-85
Lamp-Bar-Tailgate (Dual Rear Wheels) . .	8W-80-71	Module-Fuel Pump	8W-80-86
Lamp-Center Bezel	8W-80-72	Module-Hands Free C1	8W-80-86
Lamp-CHMSL-Aftermarket	8W-80-72	Module-Hands Free C2	8W-80-86
Lamp-Clearance No. 1 (HD)	8W-80-72	Module-Hands Free C3	8W-80-87
Lamp-Clearance No. 2 (HD)	8W-80-72	Module-Heated Seats	8W-80-87
Lamp-Clearance No. 3 (HD)	8W-80-72	Module-Integrated Power C1	8W-80-88
Lamp-Clearance No. 4 (HD)	8W-80-73	Module-Integrated Power C2	8W-80-89
Lamp-Clearance No. 5 (HD)	8W-80-73	Module-Integrated Power C3	8W-80-89
Lamp-Dome-Rear	8W-80-73	Module-Integrated Power C4	8W-80-90
Lamp-Fender-Front Left (Dual Rear		Module-Integrated Power C5	8W-80-90
Wheels)	8W-80-73	Module-Integrated Power C6	8W-80-91
Lamp-Fender-Front Right (Dual Rear		Module-Integrated Power C7	8W-80-91
Wheels)	8W-80-73	Module-Occupant Restraint Controller	
Lamp-Fender-Rear Left (Dual Rear		C1	8W-80-92
Wheels)	8W-80-74	Module-Occupant Restraint Controller	
Lamp-Fender-Rear Right (Dual Rear		C2	8W-80-93
Wheels)	8W-80-74	Module-Powertrain Control C1 (SRT) . . .	8W-80-94
Lamp-Fog-Left	8W-80-74	Module-Powertrain Control C1 (NGC) . .	8W-80-95
Lamp-Fog-Right	8W-80-74	Module-Powertrain Control C2 (NGC) . .	8W-80-96
Lamp-Glove Box	8W-80-74	Module-Powertrain Control C2 (SRT) . . .	8W-80-97
Lamp-Headlamp-Left	8W-80-75	Module-Powertrain Control C3 (NGC) . .	8W-80-98
Lamp-Headlamp-Right	8W-80-75	Module-Powertrain Control C3 (SRT) . . .	8W-80-99
Lamp-High Mounted Stop	8W-80-75	Module-Powertrain Control C4 (NGC) . .	8W-80-100
Lamp-License-Left	8W-80-75	Module-Sentry Key Immobilizer (SKIM) .	8W-80-101
Lamp-License-Right	8W-80-76	Module-Transfer Case Control C1 (Electric	
Lamp-Park/Turn-Left Front	8W-80-76	4x4)	8W-80-101
Lamp-Park/Turn-Right Front	8W-80-76	Module-Transfer Case Control C2 (Electric	
Lamp-Reading-Front (Except Base)	8W-80-76	4x4)	8W-80-101
Lamp-Tail Stop/Turn-Left (Box Off)	8W-80-76	Module-Transfer Case Control C3 (Electric	
Lamp-Tail Stop/Turn-Left (Box On)	8W-80-77	4x4)	8W-80-102
Lamp-Tail Stop/Turn-Right (Box Off) . . .	8W-80-77	Motor-Adjustable Pedals (Except Base) .	8W-80-102
Lamp-Tail Stop/Turn-Right (Box On) . . .	8W-80-77	Motor-Blower	8W-80-102
Lamp-Underhood (SRT)	8W-80-77	Motor-Condenser Fan (NGC)	8W-80-102
Lamp-Vanity-Left (light Package)	8W-80-78	Motor-IAC (3.7L/4.7L)	8W-80-102
Lamp-Vanity-Right (light Package)	8W-80-78	Motor-IAC (SRT)	8W-80-103
Latch-Door-Driver (Base)	8W-80-78	Motor-Lumbar-Driver	8W-80-103
Latch-Door-Driver (Power Locks)	8W-80-78	Motor-Lumbar-Passenger	8W-80-103
Latch-Door-Left Rear (Base)	8W-80-79	Motor-Power Window-Driver	8W-80-103
Latch-Door-Left Rear (Power Locks)	8W-80-79	Motor-Power Window-Left Rear	8W-80-103

Component	Page
Motor-Power Window-Passenger	8W-80-104
Motor-Power Window-Right Rear	8W-80-104
Motor-Seat Adjuster-Driver Horizontal . .	8W-80-104
Motor-Seat Adjuster-Front Driver Vertical	8W-80-104
Motor-Seat Adjuster-Front Passenger Vertical	8W-80-104
Motor-Seat Adjuster-Passenger Horizontal	8W-80-105
Motor-Seat Adjuster-Rear Driver Vertical	8W-80-105
Motor-Seat Adjuster-Rear Passenger Vertical	8W-80-105
Motor-Sunroof	8W-80-105
Motor-WindshieLD Wiper	8W-80-106
Power Outlet (Except SRT)	8W-80-106
Power Outlet (SRT)	8W-80-106
Power Outlet-Console (Except Base) . . .	8W-80-106
Power Outlet-Instrument Panel	8W-80-106
Power Outlet-Rear (SRT)	8W-80-107
Pump-Fuel Injection (Diesel)	8W-80-107
Pump-Leak Detection (SRT)	8W-80-107
Pump-Washer-WindshieLD	8W-80-107
Radio C1	8W-80-108
Radio C2	8W-80-108
Receiver-Satellite	8W-80-109
Relay-Ignition Run-Acc (SRT)	8W-80-109
Relay-Run-Accessory (SRT)	8W-80-109
Relay-Starter (SRT)	8W-80-110
Resistor Block-Blower Motor	8W-80-110
Seat Belt-Tension Reducer-Driver (Standard Cab)	8W-80-110
Seat Belt-Tensioner-Driver	8W-80-110
Seat Belt-Tensioner-Passenger	8W-80-111
Sensor-Accelerator Pedal Position (5.7L ETC)	8W-80-111
Sensor-Ambient Air Temperature	8W-80-111
Sensor-Battery Temperature	8W-80-111
Sensor-Brake Fluid Level	8W-80-112
Sensor-Camshaft Position (Diesel)	8W-80-112
Sensor-Camshaft Position (Gas)	8W-80-112
Sensor-Crankshaft Position (3.7L)	8W-80-112
Sensor-Crankshaft Position (4.7L)	8W-80-112
Sensor-Crankshaft Position (5.7L/SRT) . .	8W-80-113
Sensor-Crankshaft Position (Diesel) . . .	8W-80-113
Sensor-Engine Coolant Temperature (3.7L/4.7L)	8W-80-113
Sensor-Engine Coolant Temperature (5.7L/SRT)	8W-80-113
Sensor-Engine Coolant Temperature (Diesel)	8W-80-113
Sensor-Engine Oil Pressure (SRT)	8W-80-114
Sensor-Engine Oil Temperature (SRT) . .	8W-80-114
Sensor-Evaporator Temperature	8W-80-114

Component	Page
Sensor-Input Speed (RFE)	8W-80-114
Sensor-Intake Air Temperature (NGC) . .	8W-80-114
Sensor-Intake Air Temperature (SRT) . . .	8W-80-115
Sensor-Knock (3.7L/4.7L)	8W-80-115
Sensor-Knock No. 1 (5.7L/SRT)	8W-80-115
Sensor-Knock No. 2 (5.7L/SRT)	8W-80-115
Sensor-Line Pressure (RFE)	8W-80-116
Sensor-MAP (NGC)	8W-80-116
Sensor-MAP (SRT)	8W-80-116
Sensor-Output Speed (RFE)	8W-80-116
Sensor-Output Speed (RE)	8W-80-116
Sensor-Oxygen-Left Front (3.7L/5.7L) . . .	8W-80-117
Sensor-Oxygen-Left Front (4.7L)	8W-80-117
Sensor-Oxygen-Left Front (SRT)	8W-80-117
Sensor-Oxygen-Left Rear (3.7L/5.7L LD)	8W-80-117
Sensor-Oxygen-Left Rear (4.7L)	8W-80-118
Sensor-Oxygen-Left Rear (5.7L HD) . . .	8W-80-118
Sensor-Oxygen-Left Rear (SRT)	8W-80-118
Sensor-Oxygen-Right Front (3.7L/5.7L) . .	8W-80-118
Sensor-Oxygen-Right Front (4.7L)	8W-80-119
Sensor-Oxygen-Right Front (SRT)	8W-80-119
Sensor-Oxygen-Right Rear (3.7L/5.7L LD)	8W-80-119
Sensor-Oxygen-Right Rear (4.7L)	8W-80-119
Sensor-Oxygen-Right Rear (5.7L HD) . . .	8W-80-120
Sensor-Oxygen-Right Rear (SRT)	8W-80-120
Sensor-Side Impact-Left 1	8W-80-120
Sensor-Side Impact-Right 1	8W-80-120
Sensor-Temperature/Pressure-Intake (Diesel)	8W-80-121
Sensor-Temperature/Pressure-Map (Diesel)	8W-80-121
Sensor-Throttle Position (3.7L)	8W-80-121
Sensor-Throttle Position (4.7L)	8W-80-121
Sensor-Throttle Position (SRT)	8W-80-121
Sensor-Transfer Case Position (MTC Except Power Wagon)	8W-80-122
Sensor-Transfer Case Position (MTC Power Wagon)	8W-80-122
Sensor-Transmission Range (RE)	8W-80-122
Sensor-Washer Fluid Level	8W-80-122
Sensor-Water In Fuel	8W-80-123
Sensor-Wheel Speed-ABS-Left Front . . .	8W-80-123
Sensor-Wheel Speed-ABS-Rear	8W-80-123
Sensor-Wheel Speed-ABS-Right Front . .	8W-80-123
Servo-Speed Control (Gas Except 5.7L) . .	8W-80-123
Solenoid-Brake Transmission Shift Interlock	8W-80-124
Solenoid-Evap/Purge (NGC)	8W-80-124
Solenoid-Evap/Purge (SRT)	8W-80-124
Solenoid-Locker-Front (5.7L Off Road) . .	8W-80-124
Solenoid-Locker-Rear (Power Wagon) . . .	8W-80-124
Solenoid-Radiator Fan (SRT)	8W-80-125

Component	Page
Solenoid-Reverse Lock-Out (SRT M/T) . .	8W-80-125
Solenoid-Wastegate (Diesel)	8W-80-125
Speaker-Instrument Panel-Center (Premium)	8W-80-125
Speaker-Instrument Panel-Left	8W-80-125
Speaker-Instrument Panel-Right	8W-80-126
Speaker-Left Front Door	8W-80-126
Speaker-Left Rear	8W-80-126
Speaker-Right Front Door	8W-80-126
Speaker-Right Rear	8W-80-126
Speaker-Subwoofer (SRT)	8W-80-127
Starter (3.7L/4.7L/5.7L Off Road)	8W-80-127
Starter (5.7L Except Off Road)	8W-80-127
Starter (Diesel)	8W-80-127
Starter-Eyelet (Diesel)	8W-80-127
Starter-Eyelet (3.7L/4.7L/5.7L Off Road/ SRT)	8W-80-128
Starter-Eyelet (5.7L)	8W-80-128
Switch-Adjustable Pedals (Except Base) .	8W-80-128
Switch-Axle Lock (Smart Bar)	8W-80-128
Switch-Back Up Lamp (3.7L/4.7L)	8W-80-129
Switch-Back Up Lamp (G56)	8W-80-129
Switch-Back Up Lamp (5.7L Nv5600) . . .	8W-80-129
Switch-Back Up Lamp (SRT M/T)	8W-80-129
Switch-Clutch Interlock (M/T)	8W-80-129
Switch-Cylinder Lock-Driver (SRT)	8W-80-130
Switch-Disconnecting Stabilizer Bar (Smart Bar)	8W-80-130
Switch-Door Lock-Passenger	8W-80-130
Switch-Headlamp	8W-80-130
Switch-Heated Seat-Driver	8W-80-131
Switch-Heated Seat-Passenger	8W-80-131
Switch-Horn	8W-80-131
Switch-Ignition	8W-80-131

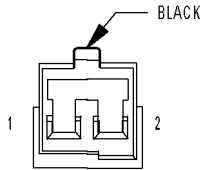
Component	Page
Switch-MultiFunction	8W-80-132
Switch-Oil Pressure (Except SRT)	8W-80-132
Switch-Parking Brake	8W-80-132
Switch-Passenger Airbag On/Off	8W-80-132
Switch-Power Steering Pressure (5.7L) . .	8W-80-132
Switch-Power Window-Left Rear	8W-80-133
Switch-Power Window-Passenger	8W-80-133
Switch-Power Window-Right Rear	8W-80-133
Switch-PTO (NGC)	8W-80-133
Switch-Push-Button Starter (SRT)	8W-80-133
Switch-Remote Radio-Left	8W-80-134
Switch-Remote Radio-Right	8W-80-134
Switch-Seat Belt-Driver	8W-80-134
Switch-Seat-Driver	8W-80-134
Switch-Seat-Passenger (Quad Cab)	8W-80-135
Switch-Seat-Passenger (Standard Cab) . .	8W-80-135
Switch-Speed Control-Left (ETC)	8W-80-135
Switch-Speed Control-Left (Except ETC)	8W-80-136
Switch-Speed Control-Right (ETC)	8W-80-136
Switch-Speed Control-Right (Except ETC)	8W-80-136
Switch-Stop Lamp	8W-80-136
Switch-Sunroof	8W-80-137
Switch-Tow/haul Overdrive	8W-80-137
Switch-Transfer Case Selector (ETC) . . .	8W-80-137
Switch-Window/door Lock-Driver C1 . . .	8W-80-137
Switch-Window/door Lock-Driver C2 . . .	8W-80-138
Throttle Body (5.7L)	8W-80-138
Transducer-A/C Pressure (NGC)	8W-80-138
Transducer-A/C Pressure (Diesel/SRT) . .	8W-80-138
Wiring-Trailer Tow 4-Way	8W-80-139
Wiring-Trailer Tow 7-Way	8W-80-139



**ACTUATOR-
BLEND DOOR
(SINGLE ZONE)**

ACTUATOR-BLEND DOOR (SINGLE ZONE) - BLACK 2 WAY

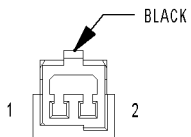
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



ACTUATOR-
BLEND DOOR-
DRIVER
(DUAL ZONE)

ACTUATOR-BLEND DOOR-DRIVER (DUAL ZONE) - BLACK 2 WAY

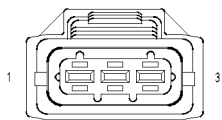
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



**ACTUATOR-
BLEND DOOR-
PASSENGER
(DUAL ZONE)**

ACTUATOR-BLEND DOOR-PASSENGER (DUAL ZONE) - BLACK 2 WAY

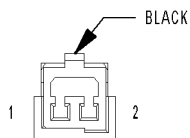
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C33 20LB/BR	PASSENGER BLEND DOOR DRIVER



**ACTUATOR-
FUEL
CONTROL
(DIESEL)**

ACTUATOR-FUEL CONTROL (DIESEL) - 3 WAY

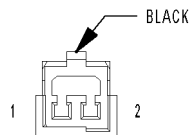
CAV	CIRCUIT	FUNCTION
1	K915 18VT/RD	FUEL RAIL SENSOR RETURN
2	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
3	F855 18PK/YL	5 VOLT SUPPLY



**ACTUATOR-
MODE DOOR 1
(PANEL TO FLOOR)**

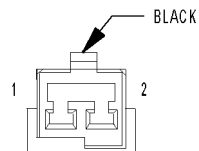
ACTUATOR-MODE DOOR 1 (PANEL TO FLOOR) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C801 20DB/OR	MODE DOOR 1 DRIVER



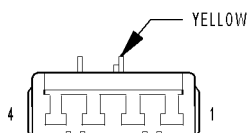
**ACTUATOR-
MODE DOOR 2
(DEFROST TO FLOOR)**

ACTUATOR-MODE DOOR 2 (DEFROST TO FLOOR) - BLACK 2 WAY		
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C29 20DB	MODE DOOR 2 DRIVER



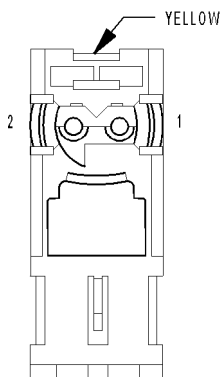
**ACTUATOR-
RECIRCULATION DOOR**

ACTUATOR-RECIRCULATION DOOR - BLACK 2 WAY		
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C32 20DB/TN	RECIRCULATION DOOR DRIVER



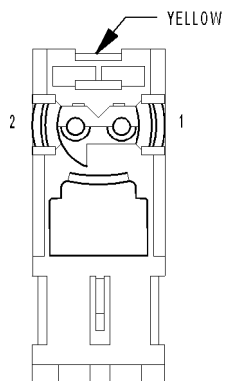
**AIRBAG-PASSENGER
SQUIB**

AIRBAG-PASSENGER SQUIB - YELLOW 4 WAY		
CAV	CIRCUIT	FUNCTION
1	R44 20LB/OR	PASSENGER SQUIB 1 LINE 2
2	R42 20LB/BR	PASSENGER SQUIB 1 LINE 1
3	R64 20LB/WT	PASSENGER SQUIB 2 LINE 1
4	R62 20LB/VT	PASSENGER SQUIB 2 LINE 2



**AIRBAG-
SIDE
CURTAIN-
LEFT**

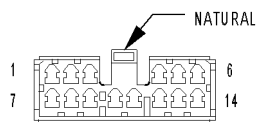
AIRBAG-SIDE CURTAIN-LEFT - YELLOW 2 WAY		
CAV	CIRCUIT	FUNCTION
1	R3 18LB/OR	LEFT CURTAIN SQUIB 1 LINE 1
2	R1 18LB/WT	LEFT CURTAIN SQUIB 1 LINE 2



**AIRBAG-
SIDE
CURTAIN-
RIGHT**

AIRBAG-SIDE CURTAIN-RIGHT - YELLOW 2 WAY

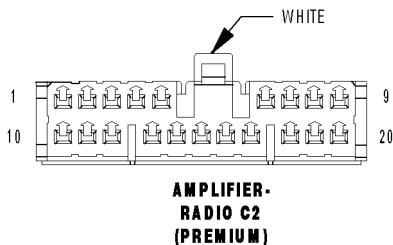
CAV	CIRCUIT	FUNCTION
1	R4 18OR/LB	RIGHT CURTAIN SQUIB 1 LINE 1
2	R2 18WT/LB	RIGHT CURTAIN SQUIB 1 LINE 2



**AMPLIFIER-
RADIO C1
(PREMIUM)**

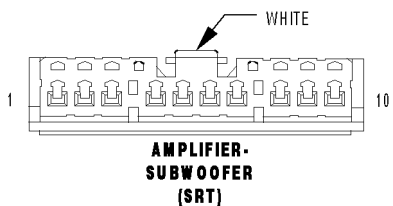
AMPLIFIER-RADIO C1 (PREMIUM) - NATURAL 14 WAY

CAV	CIRCUIT	FUNCTION
1	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
2	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
3	X205 18GY/LG	LEFT REAR SPEAKER (+)
4	X206 18DG/LG	RIGHT REAR SPEAKER (+)
5	X30 16DG/TN (SRT)	SUBWOOFER SIGNAL (+)
6	-	-
7	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
8	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
9	X295 18GY/DG	LEFT REAR SPEAKER (-)
10	-	-
11	-	-
12	X296 18DG/GY	RIGHT REAR SPEAKER (-)
13	X31 16GY/TN (SRT)	SUBWOOFER SIGNAL (-)
14	-	-



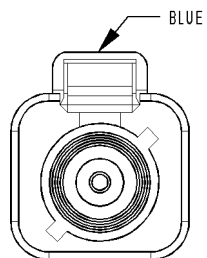
AMPLIFIER-RADIO C2 (PREMIUM) - WHITE 20 WAY

CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
3	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)
4	A116 18YL/RD	FUSED B(+)
5	-	-
6	D25 20WT/VT	PCI BUS
7	X51 20DG/DB	LEFT REAR SPEAKER (+)
8	X52 20GY/DB	RIGHT REAR SPEAKER (+)
9	Z907 18BK	GROUND
10	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)
11	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)
12	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
13	A116 18YL/RD (EXCEPT SRT)	FUSED B(+)
13	A116 12YL/RD (SRT)	FUSED B(+)
14	-	-
15	-	-
16	-	-
17	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
18	X57 20DG/OR	LEFT REAR SPEAKER (-)
19	X58 20GY/OR	RIGHT REAR SPEAKER (-)
20	Z513 18BK	GROUND



AMPLIFIER-SUBWOOFER (SRT) - WHITE 10 WAY

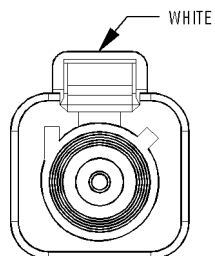
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	A916 16RD	FUSED B(+)
3	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	X390 16DG/BR	AMPLIFIED SUBWOOFER 1 (-)
5	X300 16GY/BR	AMPLIFIED SUBWOOFER 1 (+)
6	X301 16GY/WT	AMPLIFIED SUBWOOFER 2 (+)
7	X391 16DG/WT	AMPLIFIED SUBWOOFER 2 (-)
8	X31 16GY/TN	SUBWOOFER SIGNAL (-)
9	X30 16DG/TN	SUBWOOFER SIGNAL (+)
10	-	-



**ANTENNA
CABLE-
SATELLITE
RADIO NO. 1**

ANTENNA CABLE-SATELLITE RADIO NO. 1 - BLUE 1 WAY

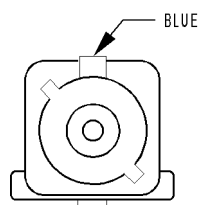
CAV	CIRCUIT	FUNCTION
1	X1	SATELLITE ANTENNA SIGNAL 1



**ANTENNA
CABLE-
SATELLITE
RADIO NO. 2**

ANTENNA CABLE-SATELLITE RADIO NO. 2 - WHITE 1 WAY

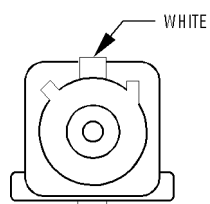
CAV	CIRCUIT	FUNCTION
1	X2	SATELLITE ANTENNA SIGNAL 2



**ANTENNA-
SATELLITE NO. 1**

ANTENNA-SATELLITE NO. 1 - BLUE 1 WAY

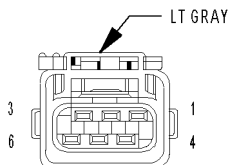
CAV	CIRCUIT	FUNCTION
1	X1	SATELLITE ANTENNA SIGNAL 1



**ANTENNA-
SATELLITE NO. 2**

ANTENNA-SATELLITE NO. 2 - WHITE 1 WAY

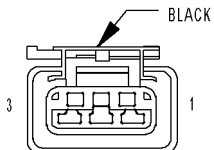
CAV	CIRCUIT	FUNCTION
1	X2	SATELLITE ANTENNA SIGNAL 2



**ASSEMBLY-EGR VALVE
(4.7L/5.7L LD)**

ASSEMBLY-EGR VALVE (4.7L/5.7L LD) - LT GRAY 6 WAY

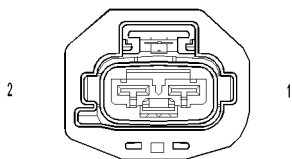
CAV	CIRCUIT	FUNCTION
1	K34 18DB/LG	EGR SIGNAL
2	F856 20YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG	SENSOR GROUND
4	Z335 18BK/WT	GROUND
5	-	-
6	K35 18DB/VT	EGR SOL CONTROL



**ASSEMBLY-NATURAL VACUUM
LEAK DETECTION
(NGC)**

ASSEMBLY-NATURAL VACUUM LEAK DETECTION (NGC) - BLACK 3 WAY

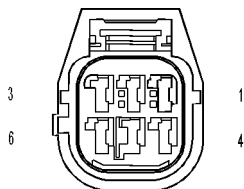
CAV	CIRCUIT	FUNCTION
1	Z910 18BK	GROUND
2	K107 18VT/WT	NVLD SWITCH SIGNAL
3	K106 18VT/LB	NVLD SOL CONTROL



**ASSEMBLY-SHIFT
MOTOR/MODE
SENSOR C1
(ETC)**

ASSEMBLY-SHIFT MOTOR/MODE SENSOR C1 (ETC) - 2 WAY

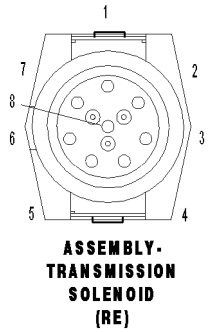
CAV	CIRCUIT	FUNCTION
1	T316 16YL/GY	SHIFT MOTOR CONTROL B
2	T315 16YL/BR	SHIFT MOTOR CONTROL A



**ASSEMBLY-SHIFT
MOTOR/MODE
SENSOR C2
(ETC)**

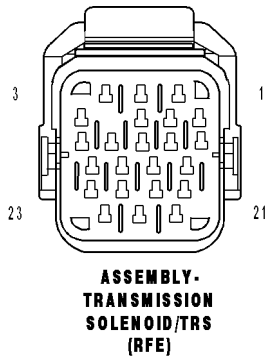
ASSEMBLY-SHIFT MOTOR/MODE SENSOR C2 (ETC) - 6 WAY

CAV	CIRCUIT	FUNCTION
1	D200 20WT/LG	MODE SENSOR D
2	T313 20YL/LG	5 VOLT MODE SENSOR SUPPLY
3	D202 20WT/VT	MODE SENSOR B
4	T885 20YL/GY	MODE SENSOR GROUND
5	D201 20WT/DG	MODE SENSOR A
6	D203 20WT/BR	MODE SENSOR C



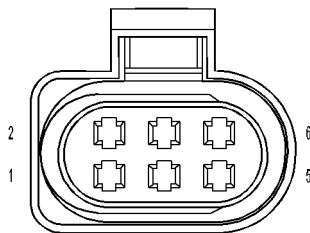
ASSEMBLY-TRANSMISSION SOLENOID (RE) - 8 WAY

CAV	CIRCUIT	FUNCTION
1	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
2	F856 18YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG (DIESEL)	SENSOR GROUND
3	K900 18DB/DG (SRT)	SENSOR GROUND
4	T38 18YL/BR	GOVERNOR PRESSURE SENSOR SIGNAL
5	T118 18DG	GOVERNOR PRESSURE SOLENOID CONTROL
6	T9 18DG/TN	3-4 SOLENOID CONTROL
7	T75 18YL/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
8	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL



ASSEMBLY-TRANSMISSION SOLENOID/TRS (RFE) - 23 WAY

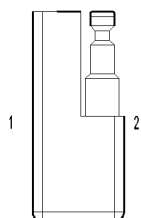
CAV	CIRCUIT	FUNCTION
1	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T20 18DG/WT	L/R SOLENOID CONTROL
3	-	-
4	T41 20YL/DB	TRS T41 SENSE
5	T42 18DG/YL	TRS T42 SENSE
6	L1 18WT/LG	BACKUP LAMP FEED
7	T60 18YL/GY	OD SOLENOID CONTROL
8	T3 18DG/DB	TRS T3 SENSE
9	T1 18DG/LB	TRS T1 SENSE
10	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
11	T48 18BR/YL	4C PRESSURE SWITCH SENSE
12	T118 18YL/VT (3.7L/4.7L)	PRESSURE CONTROL SOLENOID CONTROL
12	T118 18YL/GY (5.7L)	PRESSURE CONTROL SOLENOID CONTROL
13	T4 18DG/VT (3.7L/4.7L)	TRS T2 SENSE
13	T4 18DG/LB (5.7L)	TRS T2 SENSE
14	T50 18YL/TN	L/R PRESSURE SWITCH SENSE
15	T147 18DG/LG (3.7L/4.7L)	2C PRESSURE SWITCH SENSE
15	T147 18DG/YL (5.7L)	2C PRESSURE SWITCH SENSE
16	T9 18DG/TN	OD PRESSURE SWITCH SENSE
17	T59 18YL/LB	UD SOLENOID CONTROL
18	T29 18YL/WT	UD PRESSURE SWITCH SENSE
19	T259 18YL/DG	4C SOLENOID CONTROL
20	T219 18YL/LG	2C SOLENOID CONTROL
21	T140 18DG	MS SOLENOID CONTROL
22	K900 18DB/DG	SENSOR GROUND
23	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL



**ASSEMBLY-
TRANSMISSION
THROTTLE VALVE
(RE)**

ASSEMBLY-TRANSMISSION THROTTLE VALVE (RE) - 6 WAY

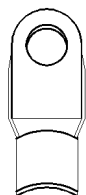
CAV	CIRCUIT	FUNCTION
1	K312 18OR	TTVA POSITION SENSOR SIGNAL
2	F856 18YL/PK	5 VOLT SUPPLY
3	K314 18TN/YL	TTVA MOTOR (+)
4	-	-
5	K315 18TN/OR	TTVA MOTOR (-)
6	K900 18DB/DG	SENSOR GROUND



**ASSEMBLY-
WINCH**

ASSEMBLY-WINCH - 2 WAY

CAV	CIRCUIT	FUNCTION
1	18OR	B(+)
2	18BK	GROUND



**ASSEMBLY-
WINCH
B(+) EYELET**

ASSEMBLY-WINCH B(+) EYELET - 1 WAY

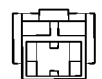
CAV	CIRCUIT	FUNCTION
1	10RD	B(+)



**ASSEMBLY-
WINCH
GROUND**

ASSEMBLY-WINCH GROUND - 1 WAY

CAV	CIRCUIT	FUNCTION
1	10BK	GROUND



**BACKLITE-
HEATED
(GROUND)**

BACKLITE-HEATED (GROUND) - 1 WAY

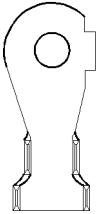
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND



**BACKLITE-
HEATED
(POWER)**

BACKLITE-HEATED (POWER) - 1 WAY

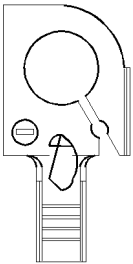
CAV	CIRCUIT	FUNCTION
1	C15 16DB/WT (EXCEPT SAB)	REAR WINDOW DEFOGGER RELAY OUTPUT
1	C15 16BK (SAB)	REAR WINDOW DEFOGGER RELAY OUTPUT



**BATTERY-
NEGATIVE
(3.7L/4.7L)**

BATTERY-NEGATIVE (3.7L/4.7L) - 1 WAY

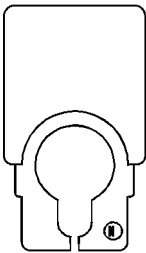
CAV	CIRCUIT	FUNCTION
1	Z3 6BK	GROUND
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND



**BATTERY-
NEGATIVE
(3.7L/4.7L)**

BATTERY-NEGATIVE (3.7L/4.7L) - 1 WAY

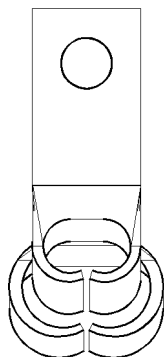
CAV	CIRCUIT	FUNCTION
-----	---------	----------



**BATTERY-
NEGATIVE
(5.7L OFF ROAD)**

BATTERY-NEGATIVE (5.7L OFF ROAD) - 1 WAY

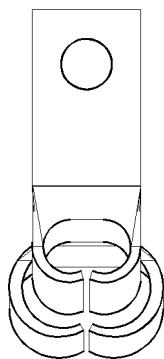
CAV	CIRCUIT	FUNCTION
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND
1	Z3 6BK	GROUND



**BATTERY-
NEGATIVE
(5.7L/SRT)**

BATTERY-NEGATIVE (5.7L/SRT) - 1 WAY

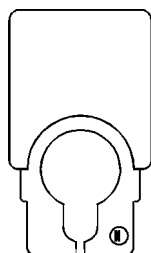
CAV	CIRCUIT	FUNCTION
1	Z2 6BK	GROUND
1	Z1 6BK	GROUND
1	Z3 6BK	GROUND



**BATTERY-
NEGATIVE
(5.7L/SRT)**

BATTERY-NEGATIVE (5.7L/SRT) - 1 WAY

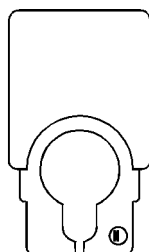
CAV	CIRCUIT	FUNCTION
-----	---------	----------



**BATTERY-
NEGATIVE
(DIESEL LEFT BATTERY)**

BATTERY-NEGATIVE (DIESEL LEFT BATTERY) - 1 WAY

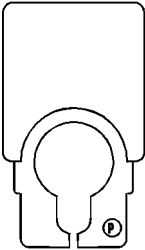
CAV	CIRCUIT	FUNCTION
1	Z1 10BK	GROUND
1	Z2 0BK	GROUND
1	Z3 8BK	GROUND



**BATTERY-
NEGATIVE
(DIESEL RIGHT BATTERY)**

BATTERY-NEGATIVE (DIESEL RIGHT BATTERY) - 1 WAY

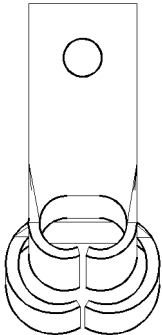
CAV	CIRCUIT	FUNCTION
1	Z0 8BK	GROUND
2	Z0 0BK	GROUND



BATTERY-
POSITIVE
(3.7L/4.7L)

BATTERY-POSITIVE (3.7L/4.7L) - 1 WAY

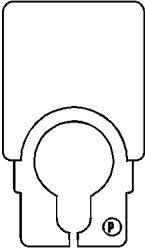
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



BATTERY
POSITIVE
(5.7L EXCEPT OFF ROAD/SRT)

BATTERY-POSITIVE (5.7L EXCEPT OFF ROAD/SRT) - 1 WAY

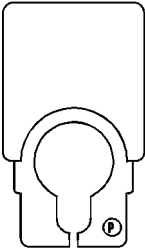
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



BATTERY-
POSITIVE
(5.7L OFF ROAD)

BATTERY-POSITIVE (5.7L OFF ROAD) - 1 WAY

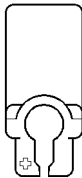
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



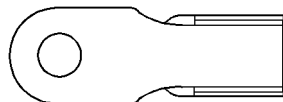
BATTERY-
POSITIVE
(5.7L OFF ROAD)

BATTERY-POSITIVE (5.7L OFF ROAD) - 1 WAY

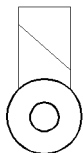
CAV	CIRCUIT	FUNCTION
-----	---------	----------



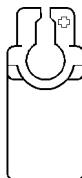
**BATTERY-
POSITIVE
(DIESEL LEFT
BATTERY)**



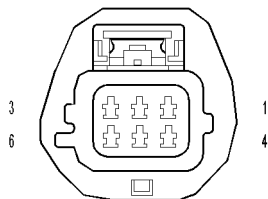
**BATTERY-
POSITIVE
(DIESEL RIGHT BATTERY)**



**BATTERY-
POSITIVE
(DIESEL RIGHT BATTERY)**



**BATTERY-
POSITIVE
(DIESEL RIGHT
BATTERY)**



**C102
(5.7L OFF ROAD)**

BATTERY-POSITIVE (DIESEL LEFT BATTERY) - 1 WAY

CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 0RD	B(+)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

CAV	CIRCUIT	FUNCTION
1	A1 0E1RD	B(+)
1	A11 8LB	B(+)
1	A1 0E1RD	B(+)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

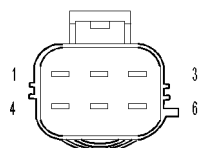
CAV	CIRCUIT	FUNCTION
-----	---------	----------

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

CAV	CIRCUIT	FUNCTION
-----	---------	----------

C102 (5.7L OFF ROAD) - (BATTERY SIDE)

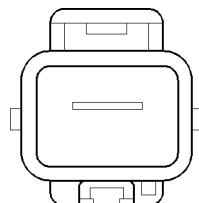
CAV	CIRCUIT
1	T750 14YL/GY
2	T520 16YL/OR
3	T524 16YL/LG
4	-
5	T521 18YL/GY
6	T522 18YL/LB



C102
(5.7L OFF ROAD)

C102 (5.7L OFF ROAD) - (HEADLAMP AND DASH SIDE)

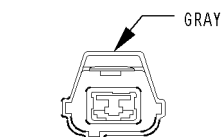
CAV	CIRCUIT
1	T750 14YL/GY
2	T520 16YL/OR
3	T524 16YL/LG
4	-
5	T521 20YL/GY
6	T522 20YL/LB



C102
(EXCEPT 5.7L OFF ROAD)

C102 (EXCEPT 5.7L OFF ROAD) - (HEADLAMP AND DASH SIDE)

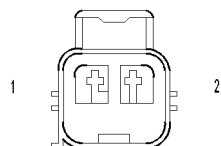
CAV	CIRCUIT
1	T750 14YL/GY (EXCEPT SRT)
1	T40 12YL/GY (SRT)



C102
(EXCEPT 5.7L OFF ROAD)

C102 (EXCEPT 5.7L OFF ROAD) - GRAY (BATTERY SIDE)

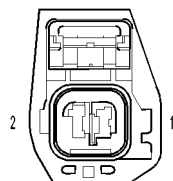
CAV	CIRCUIT
1	T750 14YL/GY (EXCEPT SRT)
1	T40 12RD/BK (SRT)



C103
(SRT)

C103 (SRT) - (UNDERHOOD SIDE)

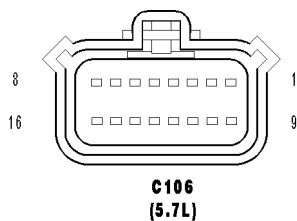
CAV	CIRCUIT
1	Z470 20BK/LB
2	A114 18GY/RD



C103

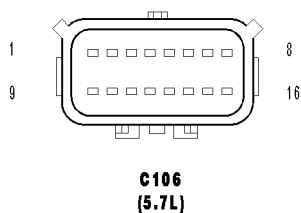
C103 - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	Z470 20BK/LB
2	A114 18GY/RD

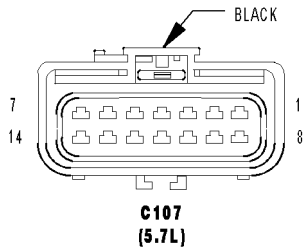


C106 (5.7L) - (ENGINE SIDE)

CAV	CIRCUIT
1	K11 18BR/YL
2	K12 18BR/DB
3	K13 18BR/LB
4	K14 18BR/TN
5	K38 18BR/OR
6	K58 18BR/VT
7	K26 18BR/YL
8	K28 18BR/LB
9	K19 18DB/DG
10	K17 18DB/TN
11	K18 18DB/OR
12	K15 18DB/GY
13	K16 18DB/YL
14	K10 18DB/OR
15	K97 18BR
16	K98 18DB/YL

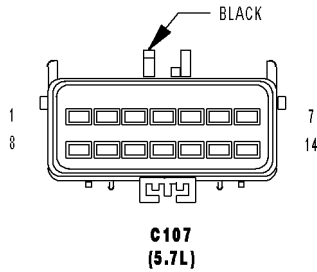
C106 (5.7L) - (INTAKE AIR FUEL MODULE
SIDE)

CAV	CIRCUIT
1	K11 18BR/YL
2	K12 18BR/DB
3	K13 18BR/LB
4	K14 18BR/TN
5	K38 18BR/OR
6	K58 18BR/VT
7	K26 18BR/YL
8	K28 18BR/LB
9	K19 18DB/DG
10	K17 18DB/TN
11	K18 18DB/OR
12	K15 18DB/GY
13	K16 18DB/YL
14	K10 18DB/OR
15	K97 18BR
16	K98 18DB/YL



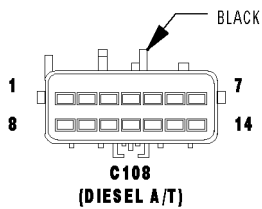
C107 (5.7L) - BLACK (ENGINE SIDE)

CAV	CIRCUIT
1	K900 18DB/DG
2	K1 18VT/BR
3	K21 18DB/LG
4	K922 18BR/DB
5	F856 18YL/PK
6	K447 18TN/YL
7	K342 16BR/WT
8	F855 18PK/YL
9	K2 18VT/OR
10	K122 18BR/DG
11	K22 18BR/OR
12	-
13	K448 18TN/OR
14	K342 16BR/WT



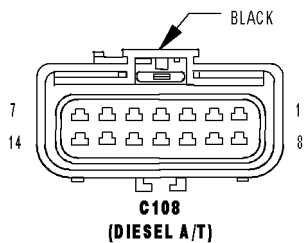
C107 (5.7L) - BLACK (INTAKE AIR FUEL MODULE SIDE)

CAV	CIRCUIT
1	K900 18DB/DG
2	K1 18VT/BR
3	K21 18DB/LG
4	K922 18BR/DB
5	F856 18YL/PK
6	K447 18TN/YL
7	K342 16BR/WT
8	F855 18PK/YL
9	K2 18VT/OR
10	K122 18BR/DG
11	K22 18BR/OR
12	-
13	K448 18TN/OR
14	K342 16BR/WT



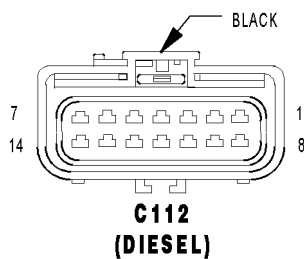
C108 (DIESEL A/T) - BLACK (ENGINE SIDE)

CAV	CIRCUIT
1	T118 18DG
2	T9 18DG/TN
3	T38 18YL/BR
4	T75 18YL/LB
5	T54 18DG/OR
6	T14 18DG/BR
7	T13 18DG/VT
8	K314 18TN/YL
9	K312 18OR
10	K315 18TN/OR
11	-
12	F856 18YL/PK
13	T41 18YL/DB
14	-



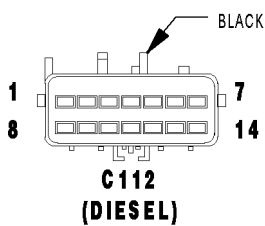
C108 (DIESEL A/T) - BLACK (TRANSMISSION SIDE)

CAV	CIRCUIT
1	T118 18DG
2	T9 18DG/TN
3	T38 18YL/BR
4	T75 18YL/LB
5	T54 18DG/OR
6	T14 18DG/BR
7	T13 18DG/VT
8	K314 18TN/YL
9	K312 18OR
10	K315 18TN/OR
11	-
12	F856 18YL/PK
13	T41 20YL/DB
14	-



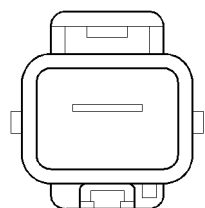
C112 (DIESEL) - BLACK (ENGINE SIDE)

CAV	CIRCUIT
1	C3 18DB/YL
2	A961 14RD
3	K615 18VT/WT
4	K616 18BR/YL
5	K167 18BR/YL
6	K23 18BR/WT
7	K852 18BR/VT
8	K29 18WT/BR
9	K314 18TN/YL (A/T)
10	K315 18TN/OR (A/T)
11	K312 18OR (A/T)
12	K160 18BR/OR
13	K161 18BR/LB
14	F504 18GY/PK



C112 (DIESEL) - BLACK (TRANSMISSION SIDE)

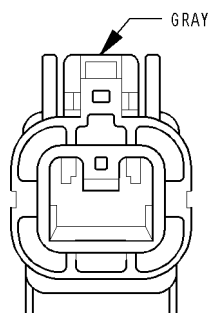
CAV	CIRCUIT
1	C3 18DB/BK
2	A961 14RD
3	K615 18VT/WT
4	K616 18BR/YL
5	K167 18BR/YL
6	K23 18BR/WT
7	K852 18BR/VT
8	K29 18WT/BR
9	K314 18TN/YL (A/T)
10	K315 18TN/OR (A/T)
11	K312 18OR (A/T)
12	K160 18BR/OR
13	K161 18BR/LB
14	F504 18GY/PK



C114
(DIESEL)

C114 (DIESEL) - (ENGINE SIDE)

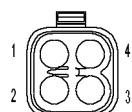
CAV	CIRCUIT
1	A209 10RD



C114
(DIESEL)

C114 (DIESEL) - GRAY (BATTERY SIDE)

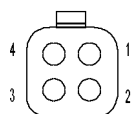
CAV	CIRCUIT
1	A209 10RD



C115
(DIESEL)

C115 (DIESEL) - (ENGINE SIDE)

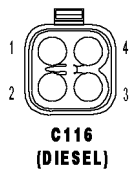
CAV	CIRCUIT
1	K227 14BR/LG
2	K12 14BR/DB
3	K227 14BR/LG
4	K11 14WT/DB



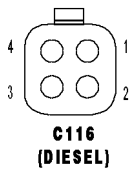
C115
(DIESEL)

C115 (DIESEL) - (INJECTOR SIDE)

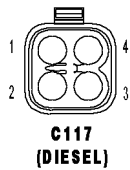
CAV	CIRCUIT
1	K227 14BK
2	K12 14BK
3	K227 14BK
4	K11 14BK



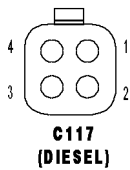
C116 (DIESEL) - (ENGINE SIDE)	
CAV	CIRCUIT
1	K229 14TN/PK
2	K14 14BR/TN
3	K227 14BR/LG
4	K13 14TN



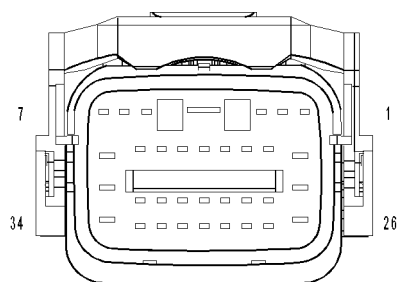
C116 (DIESEL) - (INJECTOR SIDE)	
CAV	CIRCUIT
1	K229 14BK
2	K14 14BK
3	K227 14BK
4	K13 14BK



C117 (DIESEL) - (ENGINE SIDE)	
CAV	CIRCUIT
1	K229 14TN/PK
2	K58 14BR/VT
3	K229 14TN/PK
4	K38 14GY



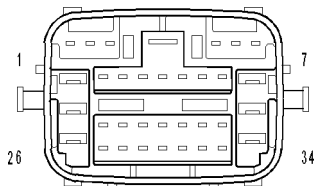
C117 (DIESEL) - (INJECTOR SIDE)	
CAV	CIRCUIT
1	K229 14BK
2	K58 14BK
3	K229 14BK
4	K38 14BK



C130
(DIESEL)

C130 (DIESEL) - (HEADLAMP AND DASH SIDE)

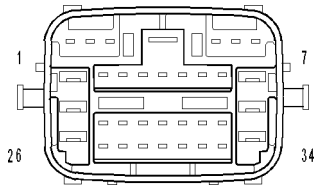
CAV	CIRCUIT
1	C3 20DB/YL
2	V37 20VT
3	V32 20VT/YL
4	A961 14RD
5	K900 20DB/DG
6	K29 20WT/BR
7	K854 20VT/BR
8	-
9	K400 20BR/VT
10	K25 18DB/VT
11	D20 20WT/LG
12	D21 20WT/BR
13	F202 20PK/GY
14	B22 18DG/YL
15	F504 20GY/PK
16	-
17	-
18	B29 20DG/WT
19	N4 20DB/WT
20	K174 18BR/YL
21	C13 20LB/OR
22	D25 20WT/VT
23	K23 20BR/WT
24	K852 20BR/LB
25	-
26	-
27	K167 20BR/YL
28	T6 20DG (A/T)
29	K176 18BR/OR
30	-
31	T515 20YL/DB (A/T)
32	K31 18BR
33	-
34	-



**C130
(DIESEL)**

C130 (DIESEL) - (TRANSMISSION SIDE)

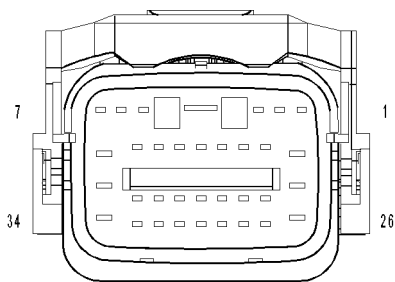
CAV	CIRCUIT
1	C3 18DB/YL
2	V37 18VT
3	V32 18VT/YL
4	A961 14RD
5	K900 18DB/DG
6	K29 18WT/BR
7	K854 18VT/OR
8	-
9	K400 18BR/VT
10	K25 18DB/VT
11	D20 18WT/LG
12	D21 18WT/BR
13	F202 18PK/GY
14	B22 18DG/YL
15	F504 18GY/PK
16	-
17	-
18	B29 18DG/WT
19	N4 18DB/WT
20	K174 18BR/YL
21	C13 18LB/OR
22	D25 18WT/VT
23	K23 18VT
24	K852 18BR/VT
25	-
26	-
27	K167 18BR/YL
28	T6 18DG (A/T)
29	K176 18BR/OR
30	-
31	T515 18YL/DB (A/T)
32	K31 18BR
33	-
34	-



**C130
(GAS)**

C130 (GAS) - (ENGINE SIDE)

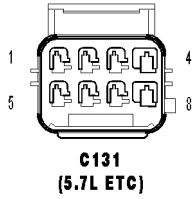
CAV	CIRCUIT
1	D15 18WT/DG (NGC EXCEPT 3.7L/4.7L M/T/SRT A/T)
1	A917 18RD (SRT M/T)
2	D16 18WT/OR (NGC EXCEPT 3.7L/4.7L M/T)
2	K242 18BR/WT (SRT)
3	K66 18DB/WT (5.7L)
4	K342 16BR/WT
5	G31 18VT/LG (NGC)
5	G127 20VT/DB (SRT)
6	K106 18VT/LB
7	K107 18VT/WT
8	L1 18WT/LG
9	T41 20YL/DB (NGC A/T)
9	T41 18YL/DB (SRT A/T)
10	L10 18WT/GY
11	A919 20RD (NGC)
11	A919 16RD (SRT A/T)
12	C3 20DB/YL (NGC)
13	F202 20PK/GY (NGC)
13	F202 18PK/GY (SRT)
14	D20 18WT/LG (3.7L/4.7L)
14	D20 20WT/LG (5.7L)
14	C240 18LB/TN (SRT)
15	D21 18WT/BR (3.7L/4.7L)
15	D21 20WT/BR (5.7L)
16	T16 18YL/OR (A/T)
17	T316 16YL/GY (4.7L A/T ETC)
17	T917 20YL/TN (SRT A/T)
18	T6 18DG (A/T NGC)
18	T117 20DG/YL (SRT A/T)
19	K900 18DB/DG
20	T515 20YL/DB (NGC A/T)
20	T515 18YL/DB (SRT A/T)
21	K399 18BR/GY (NGC)
21	K99 18BR/LG (SRT)
22	B22 20DG/YL (NGC)
22	B22 18DG/YL (SRT)
23	C3 18DB/YL (SRT)
24	D25 20WT/VT (NGC)
24	K344 18BR/GY (SRT)
25	T315 16YL/BR (4.7L A/T ETC)
26	T751 16YL (NGC)
26	K343 16BR/YL (SRT)
27	K299 18BR/WT (NGC)
27	K199 18BR/VT (SRT)
28	D200 20WT/LG (4.7L A/T ETC)
28	F855 18PK/YL (5.7L)
29	D202 20WT/VT (4.7L A/T ETC)
29	B222 20DG/WT (5.7L)
30	D201 20WT/DG (4.7L A/T ETC)
30	F856 18YL/PK (5.7L)
31	T313 20YL/LG (4.7L A/T ETC)
31	Z953 18BK (5.7L M/T MTC OFF ROAD)
32	D203 20WT/BR (4.7L A/T ETC)
32	T525 18YL/DB (5.7L OFF ROAD)
33	T885 20YL/GY (4.7L A/T ETC)
33	K77 18BR/WT (NGC MTC)
33	K42 18DB/YL (SRT)
34	F1 16PK/WT (NGC)



**C130
(GAS)**

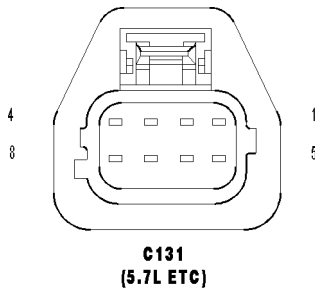
C130 (GAS) - (HEADLAMP AND DASH)

CAV	CIRCUIT
1	D15 18WT/DG (NGC)
1	A917 20RD (SRT)
2	D16 18WT/OR (NGC)
2	K242 18BR/WT (SRT)
3	K66 18DB/WT (5.7L)
4	K342 16BR/WT
5	G31 20VT/LG (NGC)
6	K106 18VT/LB
7	K107 18VT/WT
8	L1 18WT/LG
9	T41 20YL/DB (NGC)
9	T41 18YL/DB (SRT)
10	L10 18WT/GY
11	A919 20RD (NGC)
11	A919 16RD (SRT)
12	C3 20DB/YL (NGC)
13	F202 20PK/GY (NGC)
13	F202 18PK/GY (SRT)
14	D20 20WT/LG (NGC)
14	C240 18LB/TN (SRT)
15	D21 20WT/BR (NGC)
15	K125 18BR/DG (SRT)
16	T16 18YL/OR
17	T917 20YL/TN (SRT)
18	T6 20DG (NGC)
18	T117 20DG/YL (SRT)
19	K900 20DB/DG (NGC)
19	K900 18DB/LG (SRT)
20	T515 20YL/DB (NGC)
20	T515 18YL/DB (SRT)
21	K399 18BR/GY (NGC)
21	K99 18BR/LG (SRT)
22	B22 18DG/YL (NGC)
22	B22 20DG/YL (SRT)
23	C3 18DB/YL (SRT)
24	D25 20WT/VT (NGC)
24	K344 18BR/GY (SRT)
25	T315 16YL/BR (4.7L 4X4)
26	T751 16YL (NGC)
26	K343 16BR/YL (SRT)
27	K299 18BR/WT (NGC)
27	K199 18BR/VT (SRT)
28	D200 20WT/LG (4.7L 4X4)
28	F855 20PK/YL (5.7L)
29	D202 20WT/VT (4.7L 4X4)
29	B222 18DG/WT (5.7L)
30	D201 20WT/DG (4.7L 4X4)
30	F856 20YL/PK (5.7L)
31	T313 20YL/DG (4.7L 4X4)
31	Z953 20BK (5.7L OFF ROAD)
32	D203 20WT/BR (4.7L 4X4)
32	T525 20YL/DB (5.7L OFF ROAD)
33	K77 18BR/WT (NGC MTC)
34	F1 16PK/WT (NGC)



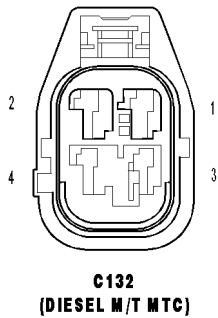
C131 (5.7L ETC) - (ENGINE SIDE)

CAV	CIRCUIT
1	T316 16YL/GY
2	D200 20WT/LG
3	T313 20YL/LG
4	D202 20WT/VT
5	T315 16YL/BR
6	D201 20WT/DG
7	T885 20YL/GY
8	D203 20WT/BR



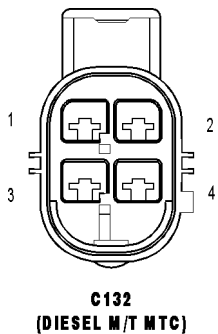
C131 (5.7L ETC) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	T316 16YL/GY
2	D200 20WT/LG
3	T313 20YL/LG
4	D202 20WT/VT
5	T315 16YL/BR
6	D201 20WT/DG
7	T885 20YL/GY
8	D203 20WT/BR



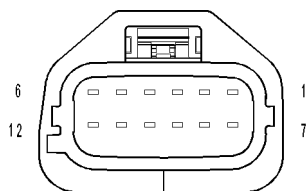
C132 (DIESEL M/T MTC) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	K77 18 BR/WT
2	L1 18 WT/LG
3	L10 18 WT/GY
4	Z901 18 BK



C132 (DIESEL M/T MTC) - (TRANSMISSION SIDE)

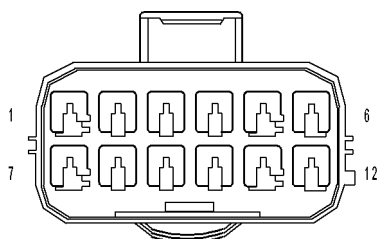
CAV	CIRCUIT
1	K77 18BR/WT
2	L1 18WT/LG
3	L10 18WT/GY
4	Z901 18BK



C132
(DIESEL M/T ETC/
DIESEL A/T MTC)

C132 (DIESEL M/T ETC/DIESEL A/T MTC) -
(HEADLAMP AND DASH SIDE)

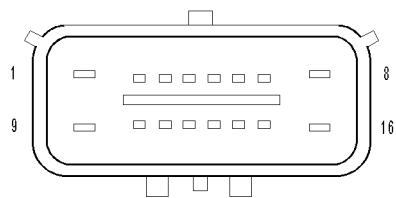
CAV	CIRCUIT
1	L10 18WT/GY
2	Z901 18BK (A/T)
2	T315 16YL/BR (M/T)
3	K900 18DB/DG (A/T)
4	T117 20DG/YL (A/T)
4	T313 20YL/LG (M/T)
5	T41 20YL/DB (A/T)
5	T885 20YL/GY (M/T)
6	D203 20WT/BR (M/T)
7	K77 18BR/WT (A/T)
7	T316 16YL/GY (M/T)
8	L1 18WT/LG
9	-
10	T917 20YL/TN (A/T)
10	D200 20WT/LG (M/T)
11	D201 20WT/DG (M/T)
12	T16 18YL/OR (A/T)
12	D202 20WT/VT (M/T)



C132
(DIESEL M/T ETC/
DIESEL A/T MTC)

C132 (DIESEL M/T ETC/DIESEL A/T MTC) -
(TRANSMISSION SIDE)

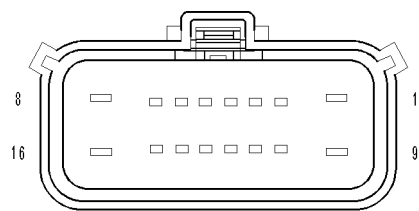
CAV	CIRCUIT
1	L10 18WT/GY
2	Z901 18BK (A/T)
2	T315 16YL/BR (M/T)
3	K900 20DB/DG (A/T)
4	T117 20DG/YL (A/T)
4	T313 20YL/LG (M/T)
5	T41 20YL/DB (A/T)
5	T885 20YL/GY (M/T)
6	D203 20WT/BR (M/T)
7	K77 18BR/WT (A/T)
7	T316 16YL/GY (M/T)
8	L1 18WT/LG (A/T)
9	-
10	T917 20YL/TN (A/T)
10	D200 20WT/LG (M/T)
11	D201 20WT/DG (M/T)
12	T16 18YL/OR (A/T)
12	D202 20WT/VT (M/T)



C132
(DIESEL A/T ETC)

C132 (DIESEL A/T ETC) - (HEADLAMP AND
DASH SIDE)

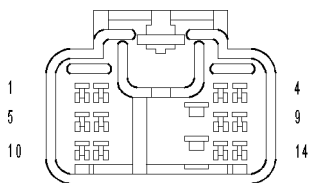
CAV	CIRCUIT
1	-
2	L1 18WT/LG
3	K900 18DB/DG
4	T41 20YL/DB
5	T16 18YL/OR
6	T117 20DG/YL
7	T917 20YL/TN
8	L10 18WT/GY
9	T315 16YL/BR
10	D200 20WT/LG
11	D201 20WT/DG
12	D202 20WT/VT
13	D203 20WT/BR
14	T313 20YL/LG
15	T885 20YL/GY
16	T316 16YL/GY



C132
(DIESEL A/T ETC)

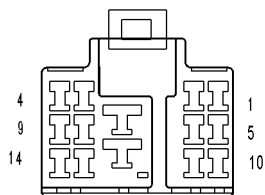
C132 (DIESEL A/T ETC) - (TRANSMISSION
SIDE)

CAV	CIRCUIT
1	-
2	L1 18WT/LG
3	K900 20DB/DG
4	T41 20YL/DB
5	T16 18YL/OR
6	T117 20DG/YL
7	T917 20YL/TN
8	L10 18WT/GY
9	T315 16YL/BR
10	D200 20WT/LG
11	D201 20WT/DG
12	D202 20WT/VT
13	D203 20WT/BR
14	T313 20YL/LG
15	T885 20YL/GY
16	T316 16YL/GY

**C133**

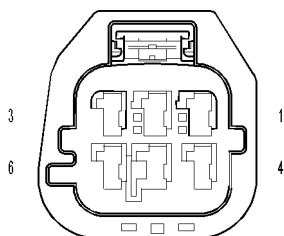
C133 - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	A34 16RD/WT
2	E11 20OR/DB
3	F21 20PK/DG
4	T315 16YL/BR
5	D25 20VT/DB
6	T885 20YL/GY
7	D200 20WT/LG
8	T316 16YL/GY
9	D202 20WT/VT
10	D201 20WT/DG
11	T41 20YL/DB
12	T313 20YL/LG
13	D203 20WT/BR
14	Z905 16BK

**C133**

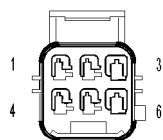
C133 - (TRANSFER CASE CONTROL MODULE SIDE)

CAV	CIRCUIT
1	A34 16RD/WT
2	E11 20OR/DB
3	F21 20PK/DG
4	T315 16YL/BR
5	D25 20VT/DB
6	T885 20YL/GY
7	D200 20WT/LG
8	T316 16YL/GY
9	D202 20WT/VT
10	D201 20WT/DG
11	T41 20YL/DB
12	T313 20YL/LG
13	D203 20WT/BR
14	Z905 16BK

**C134**
(5.7L OFF ROAD)

C134 (5.7L OFF ROAD) - (HEADLAMP AND DASH SIDE)

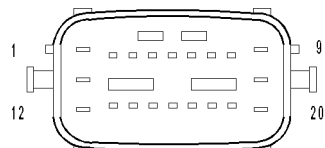
CAV	CIRCUIT
1	T526 16YL/WT
2	T521 20YL/GY
3	T527 20YL/TN
4	T528 16YL/GY
5	-
6	-



C134
(POWER WAGON)

C134 (POWER WAGON) - (CHASSIS SIDE)

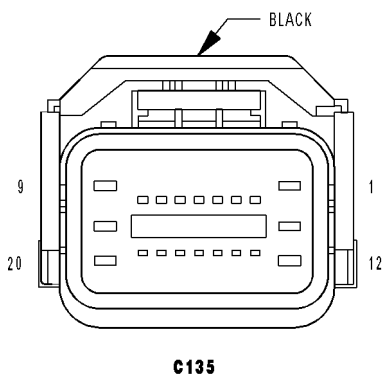
CAV	CIRCUIT
1	T526 16YL/WT
2	T521 18YL/GY
3	T527 18YL/TN
4	T528 16YL/GY
5	-
6	-



C135

C135 - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	A109 16OR/RD
2	L673 18YL
3	L674 18LG
4	K900 20DB/DG
5	N4 20DB/WT (EXCEPT SRT)
5	N4 18DB/WT (SRT)
6	L7 18WT/YL
7	L62 18WT/YL
8	L63 18WT/DG
9	L678 18BR (EXCEPT SRT)
9	L678 16BR (SRT)
10	Z927 14BK/OR
11	B40 14DG (TRAILER TOW)
12	A100 14RD/VT (TRAILER TOW)
13	L1 18WT/LG
14	L50 18WT/TN
15	B3 18DG/YL (EXCEPT SRT)
15	B3 20DG/YL (SRT)
16	B4 18DG/GY (EXCEPT SRT)
16	B4 20DG/GY (SRT)
17	L70 18WT/GY
18	L53 18DG/WT
19	L54 18WT/LG
20	Z928 16BK



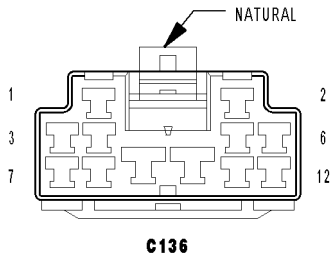
C135 - BLACK (CHASSIS SIDE)

CAV	CIRCUIT
1	A109 14OR/RD
2	L673 18YL
3	L674 18LG
4	K900 18DB/DG
5	N4 18DB/WT
6	L7 18WT/YL
7	L62 18WT/YL
8	L63 18WT/DG
9	L678 18BR
10	Z927 12BK/OR
11	B40 14DG (TRAILER TOW)
12	A100 14RD/VT (TRAILER TOW)
13	L1 18WT/LG
14	L50 18WT/TN
15	B3 18DG/YL
16	B4 18DG/GY
17	L70 18WT/GY
18	L53 18DG/WT (EXCEPT BOX OFF)
19	L54 18WT/LG (EXCEPT BOX OFF)
20	Z928 16BK



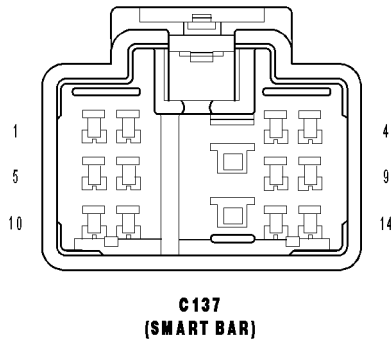
C136 - (BODY SIDE)

CAV	CIRCUIT
1	-
2	A405 18RD/DB
3	C16 16DB/GY (EXCEPT BASE)
4	A930 18RD (EXCEPT BASE)
5	-
6	-
7	-
8	-
9	A210 12OR/RD (EXCEPT BASE)
10	F30 12PK/YL (SRT)
11	A916 16RD (SRT)
12	C15 16BK (EXCEPT BASE/STANDARD CAB SRT)



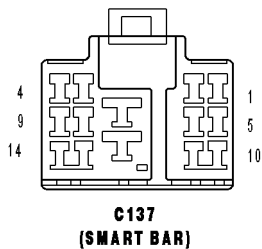
C136 - NATURAL (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	-
2	A405 18RD/DB
3	C16 16DB/GY (EXCEPT 3.7L/4.7L BASE)
4	A930 18RD (EXCEPT 3.7L/4.7L BASE)
5	-
6	-
7	-
8	-
9	A210 12OR/RD (EXCEPT 3.7L/4.7L BASE/SRT)
9	A210 10OR/RD (SRT)
10	F30 12PK/YL (SRT)
11	A916 16RD (SRT)
12	C15 16DB/WT (EXCEPT 3.7L/4.7L BASE)



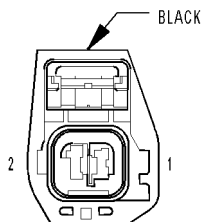
C137 (SMART BAR) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	T529 20YL/LG
2	T530 20YL/DG
3	T531 20YL/TN
4	T532 20YL/GY
5	T533 20YL/LB
6	T534 20YL
7	-
8	T536 20YL/WT
9	T537 20YL/LG
10	T535 20YL/BR
11	-
12	-
13	E11 20OR/DB
14	Z952 20BK



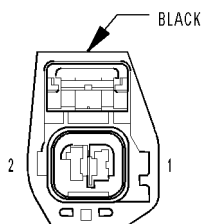
C137 (SMART BAR) - (SMART BAR SWITCH JUMPER SIDE)

CAV	CIRCUIT
1	T529 20YL/LG
2	T530 20YL/DG
3	T531 20YL/TN
4	T532 20YL/GY
5	T533 20YL/LB
6	T534 20YL
7	-
8	T536C 20YL/WT
9	T537 20YL/LG
10	T535 20YL/BR
11	-
12	-
13	E11C 20OR/DB
14	Z952C 20BK

**C138**

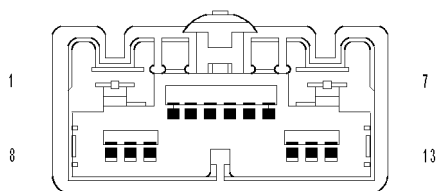
C138 - BLACK (FRONT FASCIA SIDE)

CAV	CIRCUIT
1	L89 18WT/YL
2	Z926 18BK

**C138**

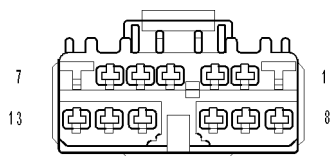
C138 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	L89 18WT/YL
2	Z926 18BK

**C200**

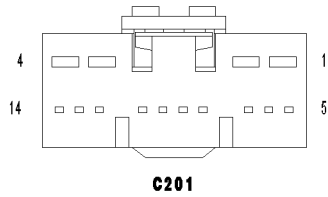
C200 - (HVAC SIDE)

CAV	CIRCUIT
1	C70 10DB/YL
2	C34 20DB/LB
3	C71 16DB/BR
4	C32 20DB/TN
5	C73 14DB/VT
6	C72 16DB/OR
7	C7 10DB
8	C29 20DB
9	C21 20DB/LG (EXCEPT BASE A/C)
10	C121 20DB/DG
11	C33 20LB/BR
12	C61 20DB/LG
12	C33 20LB/BR (DUAL ZONE)
13	C801 20DB/OR

**C200**

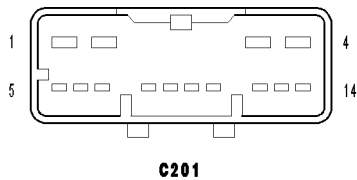
C200 - (I/P SIDE)

CAV	CIRCUIT
1	C70 10DB/YL
2	C34 20DB/LB
3	C71 16DB/BR
4	C32 20DB/TN
5	C73 14DB/VT
6	C72 16DB/OR
7	C7 10DB
8	C29 20DB
9	C21 20DB/LG
10	C121 20DB/DG
11	C61 20DB/LG
12	C33 20LB/BR (EXCEPT BASE)
13	C801 20DB/OR



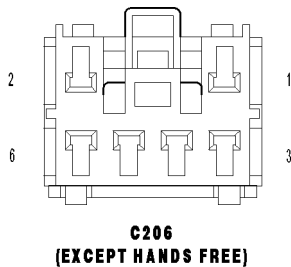
C201 - (HEADLINER SIDE)

CAV	CIRCUIT
1	A310 14RD/LB (SUNROOF)
2	Z13 20BK/WT (EXCEPT BASE)
3	L50 20WT/TN
4	Z964 20BK (EXCEPT SUNROOF)
4	Z964 14BK (SUNROOF)
5	A919 20RD (EXCEPT BASE)
6	F21 20PK/DG (EXCEPT BASE)
7	L14 20WT/BR (EXCEPT SUNROOF)
7	L14 20WT/TN (SUNROOF)
8	F983 20PK/YL (SUNROOF)
9	M20 20YL/LB
10	D25 20WT/VT (EXCEPT BASE)
11	-
12	M288 20YL/GY (EXCEPT BASE)
13	-
14	-



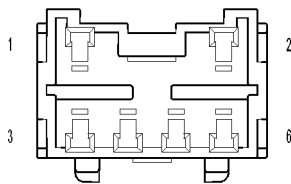
C201 - (I/P SIDE)

CAV	CIRCUIT
1	A310 14RD/LB (EXCEPT BASE)
2	Z13 18BK/WT
3	L50 18WT/TN
4	Z964 14BK (EXCEPT BASE)
5	A919 20RD (EXCEPT BASE)
6	F21 20PK/DG
7	L14 20WT/TN
8	F983 20PK/YL (EXCEPT BASE)
9	M20 20YL/LB
10	D25 20WT/VT (EXCEPT BASE)
11	-
12	M288 18YL/GY
13	-
14	-



C206 (EXCEPT HANDS FREE) - (CLEARANCE LAMPS SIDE)

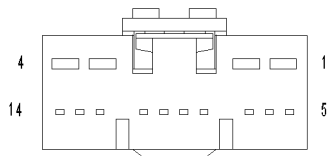
CAV	CIRCUIT
1	L70 20WT/GY (EXCEPT SRT)
2	Z946 20BK (EXCEPT SRT)
3	F21 20PK/DG (ELECTROCHROMATIC MIRROR)
4	Z944 20BK (ELECTROCHROMATIC MIRROR)
5	L1 20WT/LG (ELECTROCHROMATIC MIRROR)
6	-



C206
(EXCEPT HANDS FREE)

C206 (EXCEPT HANDS FREE) - (I/P SIDE)

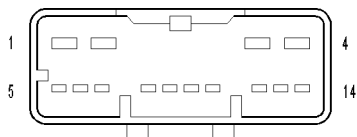
CAV	CIRCUIT
1	L70 18WT/GY (EXCEPT SRT)
2	Z946 18BK
3	F21 20PK/DG
4	Z944 20BK
5	L1 20WT/LG (EXCEPT SRT)
5	L1 18WT/LG (SRT)
6	-



C206
(HANDS FREE)

C206 (HANDS FREE) - (CLEARANCE LAMPS SIDE)

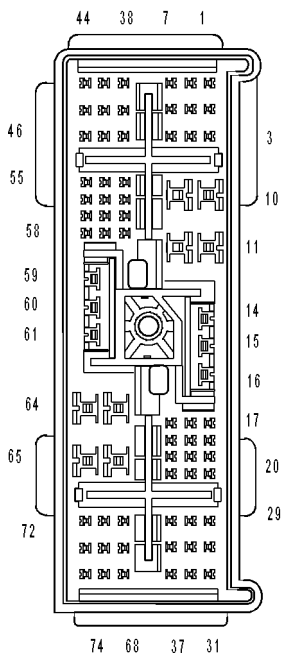
CAV	CIRCUIT
1	L70 20WT/GY (CLEARANCE LAMPS)
2	Z946 20BK (CLEARANCE LAMPS)
3	F21 20PK/DG
4	Z944 20BK
5	L1 20WT/LG
6	X712 20DG/LB
7	X792 20LB/DG
8	X835 20OR/GY
9	X730 20GY/YL
10	X793 20DG/YL
11	X722 20LB/DG
12	-
13	-
14	-



C206
(HANDS FREE)

C206 (HANDS FREE) - (I/P SIDE)

CAV	CIRCUIT
1	L70 18WT/GY
2	Z946 18BK
3	F21 20PK/DG
4	Z944 20BK
5	L1 20WT/LG (EXCEPT SRT)
5	L1 18WT/LG (SRT)
6	X712 18DG/LB
7	X792 18LB/DG
8	X835 18OR/GY
9	X730 18GY/YL
10	X793 18DG/YL
11	X722 18LB/DG
12	-
13	-
14	-

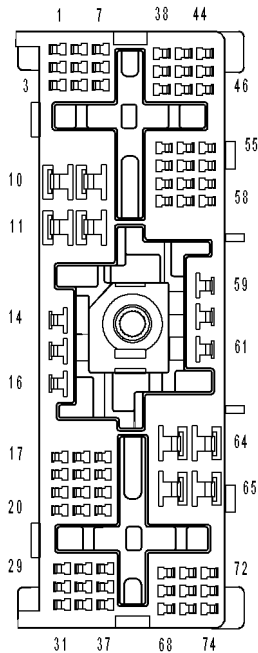
**C219**

C219 - (I/P SIDE)

CAV	CIRCUIT
1	C110 20DB/LB (EXCEPT BASE)
2	D15 18WT/DG (GAS EXCEPT SRT)
2	G127 20VT/DB (SRT)
3	L50 18WT/TN
4	F1 16PK/WT (EXCEPT SRT)
5	D21 18WT/BR
6	A103 18GY/RD
7	T751 16YL (EXCEPT SRT)
8	D20 20WT/LG
9	E11 20OR/DB (4X4)
10	A970 10RD (EXCEPT SRT)
11	A991 10RD (EXCEPT BASE/SRT)
12	F985 12PK/YL (SRT)
13	-
14	-
15	-
16	V38 20VT/OR (EXCEPT SRT)
16	F102 18PK/DB (SRT)
17	V37 20VT
18	T6 20DG
19	L70 18WT/GY
20	F21 20PK/DG
21	V32 20VT/YL
22	T141 16YL/OR (SRT)
23	A921 16RD (EXCEPT SRT)
24	B25 20DG/WT
25	V30 20VT/WT
26	A114 18GY/RD
27	L1 20WT/LG (EXCEPT SRT)
27	L1 18WT/LG (SRT)
28	-
29	-
30	V937 20VT/BR (EXCEPT SRT)
30	K900 20DB/DG (SRT)
31	A944 20RD
32	F504 20GY/PK
33	A941 18RD
34	-
35	-
36	F984 18PK/YL (EXCEPT SRT)
36	F984 16PK/YL (SRT)
37	-
38	F951 16PK/LG
39	T917 20YL/TN
40	-
41	A951 16RD
42	F202 20PK/GY (EXCEPT BASE)
43	A72 18RD/OR (ADJUSTABLE PEDALS)
44	D16 18WT/OR (EXCEPT SRT)
45	-
46	K77 18BR/WT (EXCEPT SRT)
47	T117 20DG/YL
48	A205 18RD/OR

C219 - (I/P SIDE)

CAV	CIRCUIT
49	A116 18YL/RD (PREMIUM AUDIO EXCEPT SRT)
49	A116 16YL/RD (SRT)
50	-
51	-
52	-
53	
54	-
55	-
56	F100 20PK/VT
57	-
58	-
59	-
60	A981 12RD (SRT)
61	F988 18PK/YL (SRT)
62	A991 12RD (SRT)
63	F982 14PK/YL (EXCEPT SRT)
64	A981 14RD (EXCEPT SRT)
64	C7 10DB (SRT)
65	A310 10RD/LB (SRT)
66	F922 16PK/YL (EXCEPT SRT)
67	F201 20PK/OR
68	L89 20WT/YL (EXCEPT BASE/SRT)
68	L89 18WT/YL (SRT)
69	B29 20DG/WT
70	A919 20RD (EXCEPT BASE)
71	-
72	D25 20VT/PK
73	F983 20PK/YL
74	-

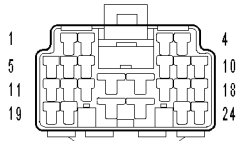
**C219**

C219 - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	C110 20DB/LB (EXCEPT 3.7L/4.7L BASE)
2	D15 18WT/DG (GAS EXCEPT SRT)
2	G127 20VT/DB (SRT)
3	L50 18WT/TN
4	F1 16PK/WT (GAS EXCEPT SRT)
5	D21 20WT/BR (EXCEPT SRT)
5	D21 18WT/BR (SRT)
6	A103 18GY/RD
7	T751 16YL (EXCEPT SRT)
8	D20 20WT/LG (EXCEPT SRT)
8	D20 18WT/LG (SRT)
9	E11 200R/DB (4X4/5.7L OFF ROAD)
10	A970 10RD (EXCEPT SRT)
11	A991 10RD (EXCEPT 3.7L/4.7L BASE/SRT)
12	F985 12PK/YL (SRT)
13	-
14	-
15	-
16	V38 20VT/OR (5.7L)
16	F102 20PK/DB (SRT)
17	V37 20VT (EXCEPT SRT)
17	V37 18VT (SRT)
18	T6 20DG (A/T EXCEPT SRT)
18	T6 18DG (SRT)
19	L70 18WT/GY
20	F21 20PK/DG
21	V32 20VT/YL (EXCEPT SRT)
21	V32 18VT/YL (SRT)
22	T141 16YL/OR (SRT)
23	A921 16RD (EXCEPT SRT)
24	B25 20DG/WT
25	F202 20PK/GY (5.7L)
25	Z949 20BK (DIESEL)
25	V30 20VT/WT (GAS EXCEPT 5.7L)
26	A114 18GY/RD
27	L1 18WT/LG
28	-
29	-
30	V937 20VT/BR (5.7L)
30	K900 20DB/DG (EXCEPT 5.7L)
31	A944 20RD
32	F504 20GY/PK
33	A941 18RD
34	-
35	-
36	F984 18PK/YL (EXCEPT SRT)
36	F984 16PK/YL (SRT)
37	-
38	F951 16PK/LG
39	T917 20YL/TN (DIESEL A/T/SRT)
40	-
41	A951 16RD
42	F202 20PK/GY

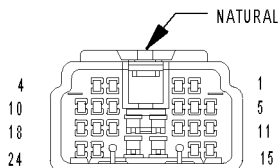
C219 - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
43	A72 18RD/OR (EXCEPT 3.7L/4.7L BASE/SRT)
44	D16 18WT/OR (EXCEPT DIESEL/EXCEPT SRT)
45	-
46	K77 18BR/WT (MTC)
47	T117 20DG/YL (DIESEL A/T/SRT)
48	A205 18RD/OR (EXCEPT SRT)
48	A205 16RD/OR (SRT)
49	A116 18YL/RD (EXCEPT 3.7L/4.7L BASE/SRT)
49	A116 16YL/RD (SRT)
50	-
51	-
52	-
53	-
54	-
55	-
56	F100 20PK/VT (EXCEPT SRT)
56	F100 18PK/VT (SRT)
57	-
58	-
59	-
60	A981 12RD (SRT)
61	F988 18PK/YL (SRT)
62	A991 12RD (SRT)
63	F982 14PK/YL (EXCEPT SRT)
64	A981 14RD (EXCEPT SRT)
64	C7 10DB (SRT)
65	A310 10RD/LB (SRT)
66	F922 16PK/YL (EXCEPT SRT)
67	F201 20PK/OR
68	L89 18WT/YL (EXCEPT 3.7L/4.7L BASE)
69	B29 20DG/WT
70	A919 20RD
71	-
72	D25 20VT/PK
73	F983 20PK/YL
74	-

**C220**

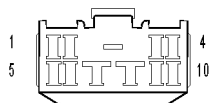
C220 - (I/P SIDE)

CAV	CIRCUIT
1	F983 20PK/YL
2	X295 18GY/DG
3	-
4	X153 18DG/YL
5	G75 20VT
6	G77 20VT/GY
7	X155 18DG/LB
8	G10 20VT/LG
9	G163 20VT/LB (EXCEPT BASE)
10	X205 18GY/LG
11	P5 18TN/OR (EXCEPT BASE)
12	F100 20PK/VT
13	F201 20PK/OR
14	-
15	-
16	-
17	P393 18LG (EXCEPT BASE)
18	G161 20VT/DG (EXCEPT BASE)
19	-
20	P1 18TN/LG (EXCEPT BASE)
21	-
22	F30 12PK/YL (EXCEPT BASE/SRT)
23	-
24	-

**C220**

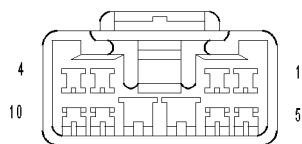
C220 - NATURAL (BODY SIDE)

CAV	CIRCUIT
1	F983 20PK/YL (STANDARD CAB/QUAD CAB SRT)
2	X295 18GY/DG
3	X16 18DG/YL (SRT)
4	X153 18DG/YL
5	G75 20VT
6	G77 20VT/OR (QUAD CAB)
7	X155 18DG/LB
8	G10 20VT/LG
9	G163 20VT/LB (EXCEPT BASE)
10	X205 18GY/LG
11	P5 18TN/OR (QUAD CAB)
12	F100 18PK/VT (EXCEPT SRT QUAD CAB)
12	F100 20PK/VT (SRT QUAD CAB)
13	F201 18PK/OR (NGC/DIESEL/SRT QUAD CAB/SRT STANDARD CAB EXCEPT SAB)
13	F201 20PK/YL (SRT EXCEPT STANDARD CAB SAB)
14	X917 18DG (SRT)
15	X211 18YL/GY (SRT)
16	D25 20WT/VT (SRT)
17	P393 18LG (EXCEPT BASE)
18	G161 20VT/DG (EXCEPT BASE)
19	X17 18DG/OR (SRT)
20	P1 18TN/LG (EXCEPT BASE)
21	Z909 18BK (SRT)
22	F30 12PK/YL (EXCEPT BASE/SRT)
23	D112 18WT/OR (SRT)
24	X160 18GY/YL (SRT)


C301

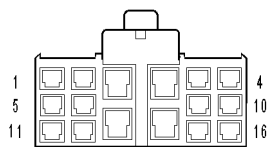
C301 - (BODY SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 18TN/GY (EXCEPT BASE)
4	X154 18GY/YL
5	X156 18GY/LB
6	P74 18TN/OR (EXCEPT BASE)
7	Q15 12OR/LB (EXCEPT BASE)
8	-
9	-
10	Z74 20BK/WT


C301

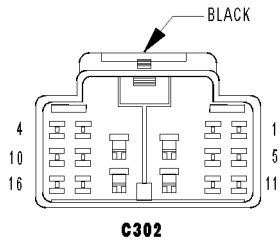
C301 - (PASSENGER DOOR SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	P195 18LG/YL
3	P72 18TN/GY
4	X154 18GY/YL
5	X156 18GY/LB
6	P74 18TN/OR
7	Q15 14OR/LB
8	-
9	-
10	Z461 20BK/DG


C302

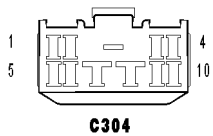
C302 - (BODY SIDE)

CAV	CIRCUIT
1	F21 20PK/DG
2	-
3	-
4	G778 18VT/LB
5	-
6	G160 20VT/LG
7	Q16 14OR/TN
8	Q26 14OR/GY
9	G162 20VT/LB (DRL)
10	P392 18LG/DB
11	Z216 18BK/DB
12	-
13	C16 18DB/GY
14	-
15	-
16	-



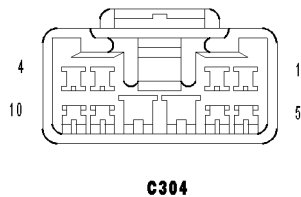
C302 - BLACK (PASSENGER DOOR SIDE)

CAV	CIRCUIT
1	F21 20PK/DG
2	-
3	-
4	G778 18VT/LB
5	-
6	G160 20VT/LG
7	Q16 14OR/TN
8	Q26 14OR/GY
9	-
10	P392 18LG/DB
11	Z216 20BK/DB
12	-
13	C16 18DB/GY
14	-
15	-
16	-



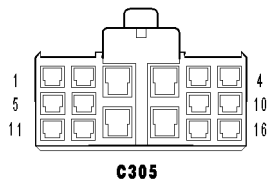
C304 - (BODY SIDE)

CAV	CIRCUIT
1	G75 20VT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 18TN/GY (EXCEPT BASE)
4	X153 18DG/YL
5	X155 18DG/LB
6	P74 18TN/OR (EXCEPT BASE)
7	F30 12PK/YL (EXCEPT BASE)
8	Q15 12OR/LB (EXCEPT BASE)
9	A930 18RD (EXCEPT BASE)
10	Z75 20BK/VT



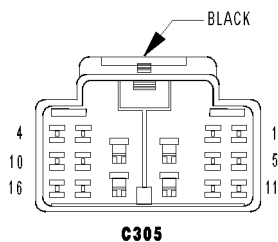
C304 - (DRIVER DOOR SIDE)

CAV	CIRCUIT
1	G75 20VT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 20TN/GY (EXCEPT BASE/SRT)
3	P72 18TN/GY (SRT)
4	X153 18DG/YL
5	X155 18DG/LB
6	P74 18TN/OR (EXCEPT BASE)
7	F30 14PK/YL (EXCEPT BASE)
8	Q15 14OR/LB (EXCEPT BASE)
9	A930 18RD (EXCEPT BASE)
10	Z75 20BK/VT (EXCEPT SRT)
10	Z463 20BK/LB (SRT)



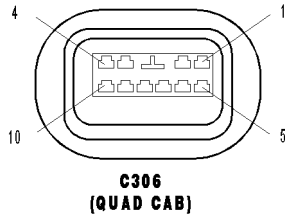
C305 - (BODY SIDE)

CAV	CIRCUIT
1	C16 18DB/GY
2	Q16 14OR/TN
3	Q26 14OR/GY
4	P393 18LG
5	-
6	P1 18TN/LG
7	Z461 14BK/DG
8	Q612 14OR/DB (QUAD CAB)
9	-
10	G161 20VT/DG
11	G163 20VT/LB
12	Q412 14OR/LB (QUAD CAB)
13	Q611 14OR/GY (QUAD CAB)
14	Q411 14OR/WT (QUAD CAB)
15	-
16	-



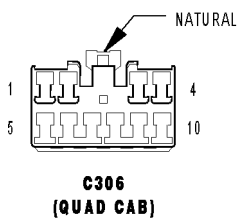
C305 - BLACK (DRIVER DOOR SIDE)

CAV	CIRCUIT
1	C16 18DB/GY
2	Q16 14OR/TN
3	Q26 14OR/GY
4	P393 18LG
5	-
6	P1 18TN/LG
7	Z461 14BK/DG
8	Q612 14OR/DB
9	-
10	G161 20VT/DG
11	G163 20VT/LB (SRT)
12	Q412 14OR/LB
13	Q611 14OR/GY
14	Q411 14OR/WT
15	-
16	-



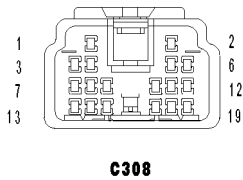
C306 (QUAD CAB) - (REAR DOOR SIDE)

CAV	CIRCUIT
1	Z79 20LG/BK
2	G77 20VT/GY
3	P393 18LG (EXCEPT BASE)
4	P5 18TN/OR (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q411 14OR/WT (EXCEPT BASE)
7	Q611 14OR/GY (EXCEPT BASE)
8	X295 18GY/DG
9	X205 18GY/LG
10	-



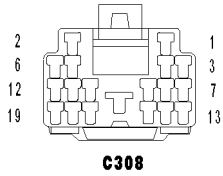
C306 (QUAD CAB) - NATURAL (BODY SIDE)

CAV	CIRCUIT
1	Z79 20LG/BK
2	G77 20VT/OR
3	P393 18LG (EXCEPT BASE)
4	P5 18TN/OR (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q411 14OR/WT (EXCEPT BASE)
7	Q611 14OR/GY (EXCEPT BASE)
8	X295 18GY/DG
9	X205 18GY/LG
10	-



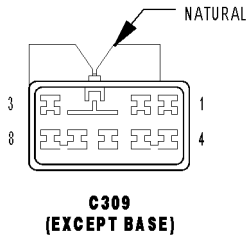
C308 - (BODY SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	G162 20VT/LB (DRL)
2	Z966 18BK (SATELLITE RADIO)
3	D112 18WT/OR (SATELLITE RADIO)
4	X154 18GY/YL
5	G160 20VT/LG (EXCEPT BASE)
6	G76 20TN/YL (QUAD CAB)
7	D25 20WT/VT (SATELLITE RADIO)
8	P392 18LG/DB (EXCEPT BASE)
9	G778 18VT/LB (EXCEPT BASE)
10	F21 20PK/DG (EXCEPT BASE)
11	X16 18DG/YL (SATELLITE RADIO)
12	X17 18DG/OR (SATELLITE RADIO)
13	X160 18GY/YL (SATELLITE RADIO)
14	X206 18DG/LG
15	X296 18DG/GY
16	-
17	X917 18DG (SATELLITE RADIO)
18	X211 18YL/GY (SATELLITE RADIO)
19	X156 18GY/LB



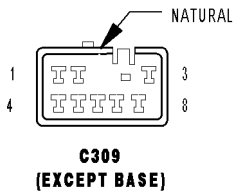
C308 - (I/P SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	Z966 18BK (SATELLITE RADIO)
3	D112 18WT/OR (SATELLITE RADIO)
4	X154 18GY/YL
5	G160 20VT/LG
6	G76 20VT/YL
7	D25 20WT/VT (SATELLITE RADIO)
8	P392 18LG/DB (EXCEPT BASE)
9	G778 18VT/LB (EXCEPT BASE)
10	F21 20PK/DG (EXCEPT BASE)
11	X16 18DG/YL (SATELLITE RADIO)
12	X17 18DG/OR (SATELLITE RADIO)
13	X160 18GY/YL (SATELLITE RADIO)
14	X206 18DG/LG
15	X296 18DG/GY
16	-
17	X917 18DG (SATELLITE RADIO)
18	X211 18YL/GY (SATELLITE RADIO)
19	X156 18GY/LB



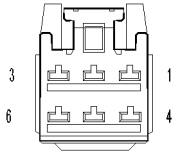
C309 (EXCEPT BASE) - NATURAL (BODY SIDE)

CAV	CIRCUIT
1	X30 16DG/TN (SRT)
2	P7 20LG/DG (EXCEPT SRT)
3	P81 20TN/LB (EXCEPT SRT)
3	X31 16GY/TN (SRT)
4	-
5	P84 20TN/VT (EXCEPT SRT)
6	P8 20LG/WT (EXCEPT SRT)
6	F984 16PK/YL (STANDARD CAB SRT)
7	P82 20TN/DG (EXCEPT SRT)
8	P83 20TN/WT (EXCEPT SRT)



C309 (EXCEPT BASE) - NATURAL (I/P SIDE)

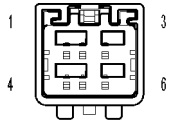
CAV	CIRCUIT
1	X30 16DG/TN (SRT)
2	P7 20LG/DG (EXCEPT SRT)
3	P81 20TN/LB (EXCEPT SRT)
3	X31 16GY/TN (SRT)
4	-
5	P84 20TN/VT (EXCEPT SRT)
6	P8 20LG/WT (EXCEPT SRT)
6	F984 16PK/YL (SRT)
7	P82 20TN/DG (EXCEPT SRT)
8	P83 20TN/WT (EXCEPT SRT)



C311
(EXCEPT HEATED SEATS)

C311 (EXCEPT HEATED SEATS) - (BODY SIDE)

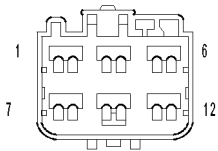
CAV	CIRCUIT
1	Z918 12BK (BASE)
1	Z939 12BK (SLT EXCEPT SATELLITE RADIO/STANDARD CAB SRT)
1	Z939 14BK (SLT SATELLITE RADIO/QUAD CAB SRT)
2	A210 12OR/RD (EXCEPT BASE)
3	G10 20VT/LG (QUAD CAB/SRT)
3	G10 20LG/RD (STANDARD CAB EXCEPT SRT)
4	A405 18RD/DB
5	Z951 20BK (EXCEPT SRT)
5	Z951 18BK (SRT)
6	-



C311
(EXCEPT HEATED SEATS)

C311 (EXCEPT HEATED SEATS) - (DRIVER SEAT SIDE)

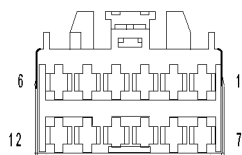
CAV	CIRCUIT
1	Z939 14BK
2	A210 12OR/RD
3	G10 20VT/LG
4	A405 12RD/DB
5	Z951 20BK
6	-



C313

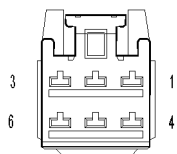
C313 - (DRIVER SEAT SIDE)

CAV	CIRCUIT
1	P105 12LG
2	P13 12LG/OR
3	P21 12LG/TN
4	P15 12LG/BR
5	P107 12LG/WT
6	P11 12LG/YL
7	A210 12OR/RD
8	Z939 14BK
9	P17 12LG/DG
10	P19 12LG/LB
11	-
12	-

**C313**

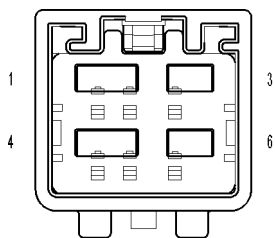
C313 - (DRIVER SEAT SWITCH SIDE)

CAV	CIRCUIT
1	P105 12LG
2	P13 12LG/OR
3	P21 12LG/TN
4	P15 12LG/BR
5	P107 12LG/WT
6	P11 12LG/YL
7	A210 12OR/RD
8	Z939 14BK
9	P17 12LG/DG
10	P19 12LG/LB
11	-
12	-

**C315**

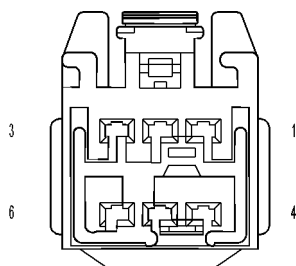
C315 - (DRIVER SEAT SIDE)

CAV	CIRCUIT
1	A405 12RD/DB
1	A405 16RD/DB (SRT)
2	P54 20OR/LG (HEATED SEATS)
3	A210 12OR/RD
4	Z939 14BK
5	P188 18LG/VT (HEATED SEATS)
6	P89 20LG/OR (HEATED SEATS)

**C315**

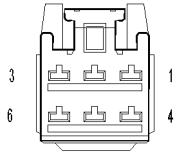
C315 - (JUMPER SIDE)

CAV	CIRCUIT
1	A405 12RD/DB
1	A405 16RD/DB (SRT)
2	P54 20OR/LG (HEATED SEATS)
3	A210 12OR/RD
4	Z939 14BK
5	P188 18LG/VT (HEATED SEATS)
6	P89 18LG/OR (HEATED SEATS)

**C316
(HEATED SEATS)**

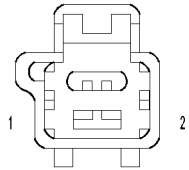
C316 (HEATED SEATS) - (JUMPER SIDE)

CAV	CIRCUIT
1	P89 20LG/OR
2	P54 20OR/LG
3	A210 12OR/RD
4	Z939 14BK
4	Z939 18BK (SRT)
5	P188 18LG/VT
6	-

**C316**

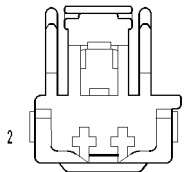
C316 - (PASSENGER SEAT SIDE)

CAV	CIRCUIT
1	P89 20LG/OR
2	P54 20OR/LG
3	A210 12OR/RD
4	Z939 14BK
4	Z939 18BK (SRT)
5	P188 18LG/VT
6	-

**C319**

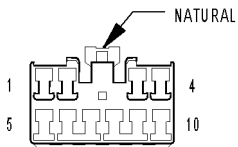
C319 - (CENTER CONSOLE SIDE)

CAV	CIRCUIT
1	Z939 18BK
1	A405 18RD/DB (SRT)
2	A405 18RD/DB
2	Z939 18BK (SRT)

**C319**

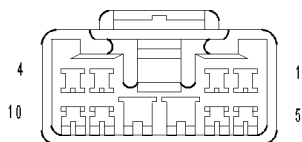
C319 - (SEAT JUMPER SIDE)

CAV	CIRCUIT
1	A405 12RD/DB (EXCEPT HEATED SEAT)
1	Z939 14BK (HEATED SEAT)
2	Z939 14BK (EXCEPT HEATED SEAT)
2	A405 12RD/DB (HEATED SEAT)

**C320
(QUAD CAB)**

C320 (QUAD CAB) - NATURAL (BODY SIDE)

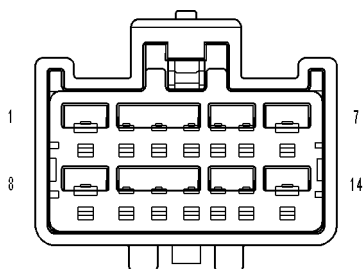
CAV	CIRCUIT
1	Z72 20LG/BK
2	G76 20TN/YL
3	P392 18LG/DB (EXCEPT BASE)
4	G778 18VT/LB (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q412 14OR/LB (EXCEPT BASE)
7	Q612 14OR/DB (EXCEPT BASE)
8	X296 18DG/GY
9	X206 18DG/LG
10	-



C320
(QUAD CAB)

C320 (QUAD CAB) - (RIGHT REAR DOOR SIDE)

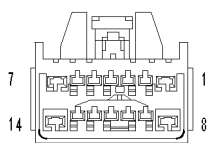
CAV	CIRCUIT
1	Z72 20LG/BK
2	G76 20VT/GY
3	P392 18LG (EXCEPT BASE)
4	G778 18TN/OR (EXCEPT BASE)
5	Q15 14TN/LG (EXCEPT BASE)
6	Q412 14OR/WT (EXCEPT BASE)
7	Q612 14OR/GY (EXCEPT BASE)
8	X296 18GY/DG
9	X206 18GY/LG
10	-



C322
(HEATED SEATS)

C322 (HEATED SEATS) - (DRIVER SEAT SIDE)

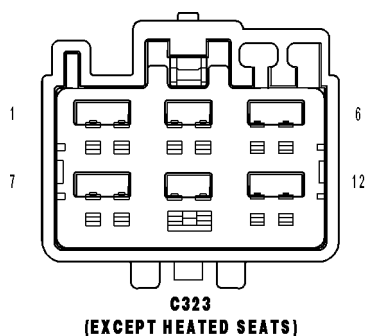
CAV	CIRCUIT
1	A930 18RD
1	A930 16RD (SRT)
2	P81 20TN/LB
3	P7 20LG/DG
4	G10 20VT/LG
5	P83 20TN/WT
6	P82 20TN/DG
7	Z939 14BK
7	Z939 14BK (SRT)
8	A210 12OR/RD
9	P8 20LG/WT
10	P84 20TN/VT
11	Z951 18BK (EXCEPT SATELLITE RADIO)
12	Z951 20BK (SATELLITE RADIO)
13	-
14	A405 12RD/DB
14	A405 16RD/DB (SRT)



C322
(HEATED SEATS)

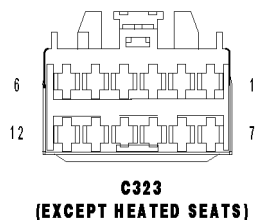
C322 (HEATED SEATS) - (BODY SIDE)

CAV	CIRCUIT
1	A930 18RD
2	P81 20TN/LB
3	P7 20LG/DG
4	G10 20VT/LG (SLT)
4	G10 20LG/RD (SLT+)
5	P83 20TN/WT
6	P82 20TN/DG
7	Z939 12BK (EXCEPT SATELLITE RADIO)
7	Z939 14BK (SATELLITE RADIO)
8	A210 12OR/RD
9	P8 20LG/WT
10	P84 20TN/VT
11	Z951 18BK (EXCEPT SATELLITE RADIO)
12	Z951 18BK (SATELLITE RADIO)
13	-
14	A405 18RD/DB



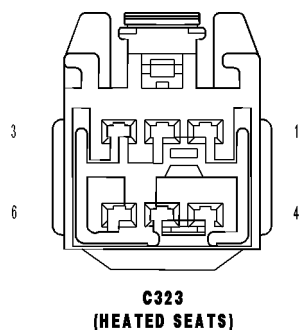
C323 (EXCEPT HEATED SEATS) - (PASSENGER SEAT SIDE)

CAV	CIRCUIT
1	P18 12LG/DG
2	P14 12LG/OR
3	P10 12LG/TN
4	P12 12LG/YL
5	P16 12LG/BR
6	P20 12LG/LB
7	P104 12LG
8	P106 12LG/WT
9	A210 12OR/RD
10	Z939 14BK
11	-
12	-



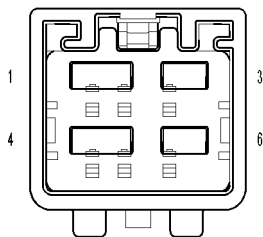
C323 (EXCEPT HEATED SEATS) - (PASSENGER SEAT SWITCH SIDE)

CAV	CIRCUIT
1	P18 12LG/DG
2	P14 12LG/OR
3	P10 12LG/TN
4	P12 12LG/YL
5	P16 12LG/BR
6	P20 12LG/LB
7	P104 12LG
8	P106 12LG/WT
9	A210 12OR/RD
10	Z939 14BK
11	-
12	-



C323 (HEATED SEATS) - (PASSENGER SEAT SIDE)

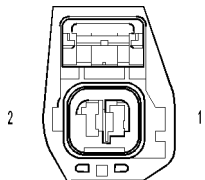
CAV	CIRCUIT
1	P104 12LG
2	P106 12LG/WT
3	A210 12OR/RD
4	Z939 14BK
5	-
6	-



C323
(HEATED SEATS)

C323 (HEATED SEATS) - (SEAT JUMPER SIDE)

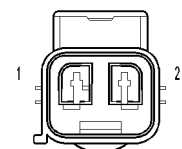
CAV	CIRCUIT
1	P104 12LG
2	P106 12LG/WT
3	A210 12OR/RD
4	Z939 14BK
5	-
6	-



C327
(DUAL REAR WHEELS)

C327 (DUAL REAR WHEELS) - (CHASSIS SIDE)

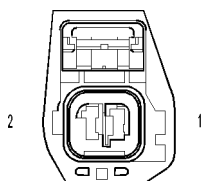
CAV	CIRCUIT
1	L7 18WT/YL
2	Z948 20BK



C327
(DUAL REAR WHEELS)

C327 (DUAL REAR WHEELS) - (DRW LAMP SIDE)

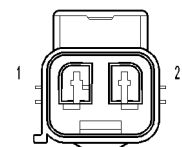
CAV	CIRCUIT
1	L7 18WT/YL
2	Z947 18BK



C328
(DUAL REAR WHEELS)

C328 (DUAL REAR WHEELS) - (CHASSIS SIDE)

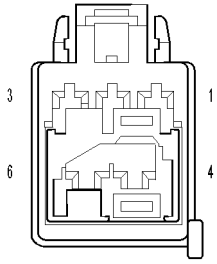
CAV	CIRCUIT
1	L70 18WT/GY
2	Z948 20BK



C328
(DUAL REAR WHEELS)

C328 (DUAL REAR WHEELS) - (DRW LAMP SIDE)

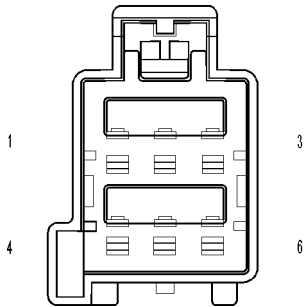
CAV	CIRCUIT
1	L70 18WT/YL
2	Z948 18BK



C331
(5.7L/DIESEL)

C331 (5.7L/DIESEL) - (ETC PEDAL JUMPER SIDE)

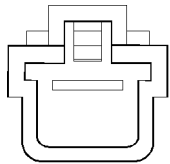
CAV	CIRCUIT
1	K29 20WT/BR
2	F856 20YL/PK
3	F855 20PK/YL
4	K400 20BR/VT
5	K23 20BR/WT
6	K167 20BR/YL



C331
(5.7L/DIESEL)

C331 (5.7L/DIESEL) - (HEADLAMP AND DASH SIDE)

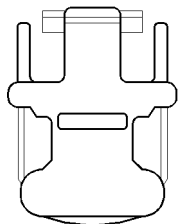
CAV	CIRCUIT
1	K29 20WT/BR
2	F856 20YL/PK (5.7L)
2	K854 20VT/BR (DIESEL)
3	F855 20PK/YL (5.7L)
3	K852 20BR/LB (DIESEL)
4	K400 20BR/VT
5	K23 20BR/WT
6	K167 20BR/YL



C337

C337 - (BODY SIDE)

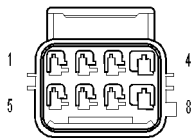
CAV	CIRCUIT
1	C15 16BK



C337

C337 - (ELECTRIC BACKLIGHT SIDE)

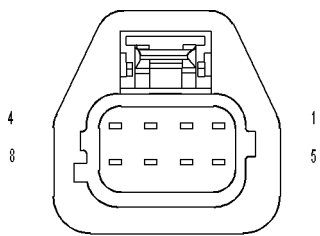
CAV	CIRCUIT
1	C15 16DB/WT



C338
(SATELLITE RADIO STANDARD CAB)

C338 (SATELLITE RADIO STANDARD CAB) - (BODY SIDE)

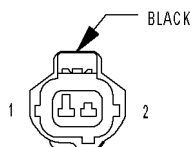
CAV	CIRCUIT
1	X160 18GY/YL
2	X211 18YL/GY
3	Z966 18BK
4	X17 18DG/OR
5	D25 20WT/VT
6	D112 18WT/OR
7	X917 18DG
8	X16 18DG/YL



C338
(SATELLITE RADIO
STANDARD CAB)

C338 (SATELLITE RADIO STANDARD CAB) -
(SDARS JUMPER SIDE)

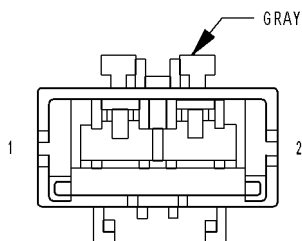
CAV	CIRCUIT
1	X160 20GY/YL
2	X211 20GY/YL
3	Z966 20BK
4	X17 20GY/YL
5	D25 20GY/YL
6	D112 20GY/YL
7	X917 20GY/YL
8	X16 20GY/YL



CAPACITOR-
IGNITION
(3.7L/4.7L)

CAPACITOR-IGNITION (3.7L/4.7L) - BLACK 2 WAY

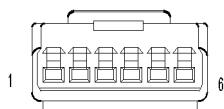
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	-	-



CIRCUIT BREAKER-
POWER WINDOW

CIRCUIT BREAKER-POWER WINDOW - GRAY 2 WAY

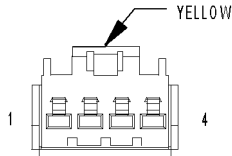
CAV	CIRCUIT	FUNCTION
1	A991 10RD	FUSED B(+)
2	A310 10RD/LB	FUSED B(+)



CLOCKSPRING C1

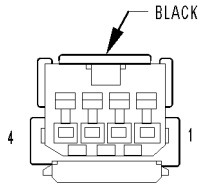
CLOCKSPRING C1 - 6 WAY

CAV	CIRCUIT	FUNCTION
1	Z909 20BK (PREMIUM)	GROUND
2	X20 20GY/WT (PREMIUM)	RADIO CONTROL MUX
3	V38 20VT/OR (EXCEPT SRT)	S/C SWITCH NO. 2 SIGNAL
4	V37 20VT	S/C SWITCH NO. 1 SIGNAL
5	V937 20VT/BR (EXCEPT SRT)	S/C SWITCH RETURN
5	K900 20DB/DG (SRT)	SENSOR GROUND
6	X3 20DG/VT	HORN SWITCH SENSE

**CLOCKSPRING C2**

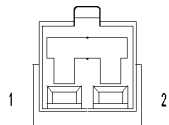
CLOCKSPRING C2 - YELLOW 4 WAY

CAV	CIRCUIT	FUNCTION
1	R61 20LG/VT	DRIVER SQUIB 2 LINE 1
2	R63 20LG/WT	DRIVER SQUIB 2 LINE 2
3	R43 20LG/BR	DRIVER SQUIB 1 LINE 1
4	R45 20LG/OR	DRIVER SQUIB 1 LINE 2

**CLOCKSPRING C3**

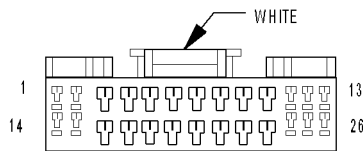
CLOCKSPRING C3 - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	V937 20VT/BR (ETC)	S/C SWITCH RETURN
2	K900 20VT/BR (EXCEPT ETC)	SENSOR GROUND
3	V37 20VT	S/C SWITCH NO. 1 SIGNAL
4	V38 20VT/OR (5.7L/DIESEL ETC)	S/C SWITCH NO. 2 SIGNAL

**CLOCKSPRING C4
(PREMIUM)**

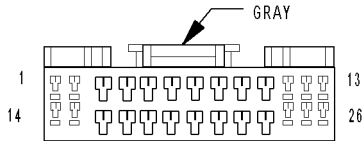
CLOCKSPRING C4 (PREMIUM) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z909 22BK	GROUND
2	X20 22GY/WT	RADIO CONTROL MUX

**CLUSTER C1**

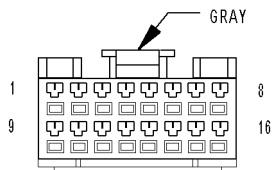
CLUSTER C1 - WHITE 26 WAY

CAV	CIRCUIT	FUNCTION
1	P1 18TN/LG (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT FRONT
2	A941 18RD	FUSED B(+)
3	K32 18DB/YL	BTSI SOLENOID CONTROL
4	-	-
5	-	-
6	-	-
7	E16 20OR/GY	PANEL LAMPS DRIVER
8	E14 20OR/TN	PANEL LAMPS DRIVER
9	E19 20OR/BR	HEADLAMP SWITCH DIMMER SIGNAL
10	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
11	P392 18LG/DB (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
12	-	-
13	Z921 18BK	GROUND
14	Z108 20BK/LG	GROUND
15	M288 18YL/GY	READING LAMPS DRIVER
16	P85 20LG/WT (HEATED SEATS)	HEATED SEAT SWITCH SUPPLY
17	M228 18YL/LB (EXCEPT BASE)	GLOVE BOX LAMP DRIVER
18	L14 20WT/TN	CARGO LAMP DRIVER
19	P301 20LG/OR (HEATED SEATS)	HEATED SEAT SWITCH ILLUMINATION DRIVER
20	E11 20OR/DB (SLT)	PANEL LAMPS DRIVER
20	E10 20OR/DG (SRT)	ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
21	M20 20YL/LB	COURTESY LAMPS DRIVER
22	-	-
23	P5 18TN/OR (SLT/SRT)	DOOR UNLOCK DRIVER LEFT REAR
24	G778 18VT/LB (SLT/SRT)	DOOR UNLOCK DRIVER RIGHT DOORS
25	A944 20RD	FUSED B(+)
26	A944 20RD	FUSED B(+)

**CLUSTER C3**

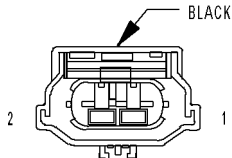
CLUSTER C3 - GRAY 26 WAY

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
3	G76 20VT/YL	RIGHT REAR DOOR AJAR SWITCH SENSE
4	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
5	-	-
6	-	-
7	K77 18BR/WT (EXCEPT SRT)	TRANSFER CASE POSITION SENSE
8	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
9	L115 20WT/YL	HEADLAMP SWITCH RETURN
10	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
11	-	-
12	-	-
13	Z18 20BK/LB	GROUND
14	X3 20DG/VT	HORN SWITCH SENSE
15	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
16	G15 20VT/TN	KEY-IN IGNITION SWITCH SENSE
17	-	-
18	-	-
19	D25 20WT/VT	PCI BUS
20	G10 20VT/LG	SEAT BELT SWITCH SENSE
21	-	-
22	B25 20DG/WT	PARK BRAKE SWITCH SENSE
23	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
24	F1 16PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
25	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
26	A114 18GY/RD	FUSED B(+)

**CLUSTER C4**

CLUSTER C4 - GRAY 16 WAY

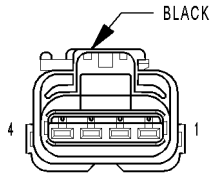
CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	G160 20VT/LG (SLT/SRT)	PASSENGER DOOR LOCK SWITCH MUX
3	G161 20VT/DG (SLT/SRT)	DRIVER DOOR LOCK SWITCH MUX
4	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
5	L116 20WT/LG	HEADLAMP SWITCH SIGNAL
6	-	-
7	G163 20VT/LB (SLT/SRT)	DRIVER CYLINDER LOCK SWITCH MUX
8	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
9	-	-
10	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL
11	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
12	X20 20GY/WT (SLT PREMIUM RADIO/SRT)	RADIO CONTROL MUX
13	-	-
14	-	-
15	-	-
16	-	-



**CLUTCH-A/C
COMPRESSOR**

CLUTCH-A/C COMPRESSOR - BLACK 2 WAY

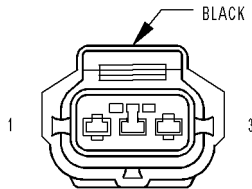
CAV	CIRCUIT	FUNCTION
1	C3 20DB/YL (NGC)	A/C CLUTCH RELAY OUTPUT
1	C3 18DB/YL (SRT/DIESEL)	A/C CLUTCH RELAY OUTPUT
2	Z816 18BK (DIESEL)	GROUND
2	Z153 18BK/GY (NGC)	GROUND
2	Z1 18BK (SRT)	GROUND



**COIL-
IGNITION-
LEFT
(SRT)**

COIL-IGNITION-LEFT (SRT) - BLACK 4 WAY

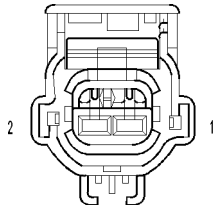
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT
3	K133 18DB/WT	COIL CONTROL NO. 4
4	K134 18DB/YL	COIL CONTROL NO. 5



**COIL-
IGNITION-NO. 1
(3.7L/4.7L)**

COIL-IGNITION-NO. 1 (3.7L/4.7L) - BLACK 3 WAY

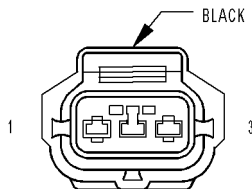
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 1
(5.7L)**

COIL-IGNITION-NO. 1 (5.7L) - 2 WAY

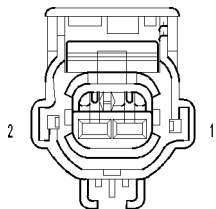
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K19 18DB/DG	COIL CONTROL NO. 1



**COIL-
IGNITION-NO. 2
(3.7L/4.7L)**

COIL-IGNITION-NO. 2 (3.7L/4.7L) - BLACK 3 WAY

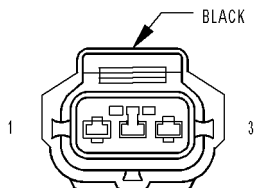
CAV	CIRCUIT	FUNCTION
1	K17 18DB/TN	COIL CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 2
(5.7L)**

COIL-IGNITION-NO. 2 (5.7L) - 2 WAY

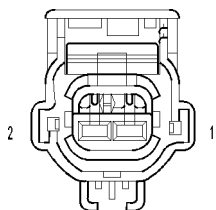
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K17 18DB/TN	COIL CONTROL NO. 2



**COIL-
IGNITION-NO. 3
(3.7L/4.7L)**

COIL-IGNITION-NO. 3 (3.7L/4.7L) - BLACK 3 WAY

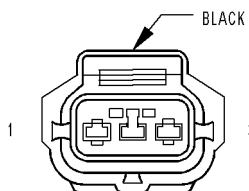
CAV	CIRCUIT	FUNCTION
1	K18 18DB/OR	COIL CONTROL NO. 3
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 3
(5.7L)**

COIL-IGNITION-NO. 3 (5.7L) - 2 WAY

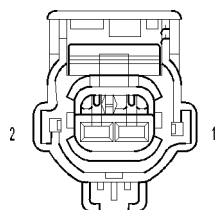
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K18 18DB/OR	COIL CONTROL NO. 3



**COIL-
IGNITION-NO. 4
(3.7L/4.7L)**

COIL-IGNITION-NO. 4 (3.7L/4.7L) - BLACK 3 WAY

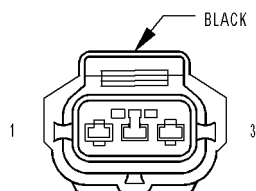
CAV	CIRCUIT	FUNCTION
1	K15 18DB/GY	COIL CONTROL NO. 4
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 4
(5.7L)**

COIL-IGNITION-NO. 4 (5.7L) - 2 WAY

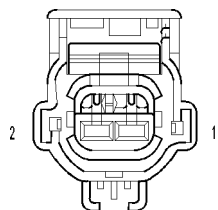
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K15 18DB/GY	COIL CONTROL NO. 4



**COIL-
IGNITION-NO. 5
(3.7L/4.7L)**

COIL-IGNITION-NO. 5 (3.7L/4.7L) - BLACK 3 WAY

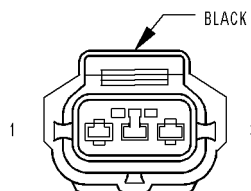
CAV	CIRCUIT	FUNCTION
1	K16 18DB/YL	COIL CONTROL NO. 5
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 5
(5.7L)**

COIL-IGNITION-NO. 5 (5.7L) - 2 WAY

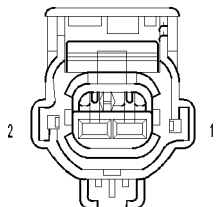
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K16 18DB/YL	COIL CONTROL NO. 5



**COIL-
IGNITION-NO. 6
(3.7L/4.7L)**

COIL-IGNITION-NO. 6 (3.7L/4.7L) - BLACK 3 WAY

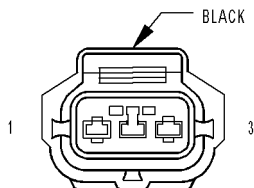
CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 6
(5.7L)**

COIL-IGNITION-NO. 6 (5.7L) - 2 WAY

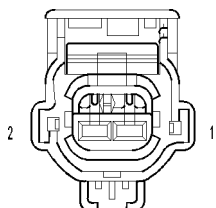
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K10 18DB/OR	COIL CONTROL NO. 6



**COIL-
IGNITION-NO. 7
(4.7L)**

COIL-IGNITION-NO. 7 (4.7L) - BLACK 3 WAY

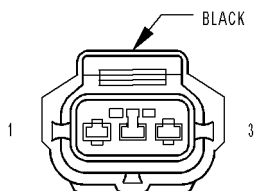
CAV	CIRCUIT	FUNCTION
1	K97 18DB/YL	COIL CONTROL NO. 7
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 7
(5.7L)**

COIL-IGNITION-NO. 7 (5.7L) - 2 WAY

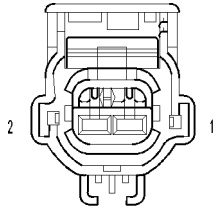
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K97 18BR	COIL CONTROL NO. 7



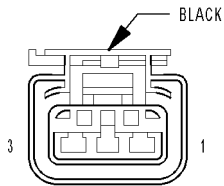
**COIL-
IGNITION-NO. 8
(4.7L)**

COIL-IGNITION-NO. 8 (4.7L) - BLACK 3 WAY

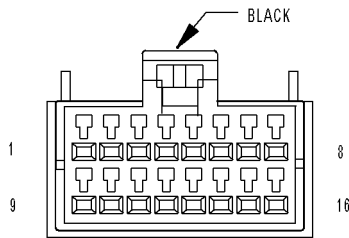
CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL	COIL CONTROL NO. 8
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



**COIL-
IGNITION-NO. 8
(5.7L)**



**COIL-
IGNITION-
RIGHT-
(SRT)**



**CONTROL-A/C-
HEATER C1**

COIL-IGNITION-NO. 8 (5.7L) - 2 WAY

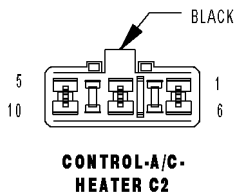
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K98 18DB/YL	COIL CONTROL NO. 8

COIL-IGNITION-RIGHT (SRT) - BLACK 3 WAY

CAV	CIRCUIT	FUNCTION
1	K17 18DB/TN	COIL CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT
3	K18 18DB/OR	COIL CONTROL NO. 3

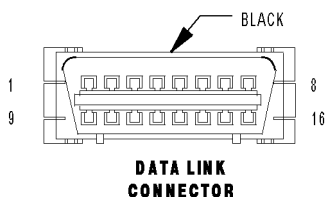
CONTROL-A/C-HEATER C1 - BLACK 16 WAY

CAV	CIRCUIT	FUNCTION
1	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z24 20BK/OR (EXCEPT SRT)	GROUND
2	Z24 18BK/OR (SRT)	GROUND
3	C121 20DB/DG	SENSOR GROUND
4	C29 20DB	MODE DOOR 2 DRIVER
5	-	-
6	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL
7	-	-
8	E16 20OR/GY	PANEL LAMPS DRIVER
9	C61 20DB/LG	BLEND DOOR DRIVER
10	C801 20DB/OR	MODE DOOR 1 DRIVER
11	C34 20DB/LB	COMMON DOOR DRIVER
12	C32 20DB/TN	RECIRCULATION DOOR DRIVER
13	C33 20LB/BR (DUAL ZONE)	PASSENGER BLEND DOOR DRIVER
14	-	-
15	C110 20DB/LB	DEFOGGER RELAY CONTROL
16	D25 20WT/VT	PCI BUS



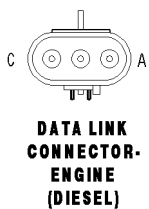
CONTROL-A/C-HEATER C2 - BLACK 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
3	C73 14DB/VT	BLOWER MOTOR M2 DRIVER
4	-	-
5	Z134 10BK/LG	GROUND
6	-	-
7	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
8	-	-
9	-	-
10	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER



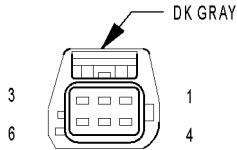
DATA LINK CONNECTOR - BLACK 16 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 18BK/LG	GROUND
5	Z111 18BK/WT	GROUND
6	-	-
7	D21 18WT/BR (DIESEL)	SCI TRANSMIT (ECM)
7	D21 18WT/BR (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 18WT/OR (EXCEPT SRT)	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	-	-
15	D15 18WT/DG (EXCEPT SRT)	SCI TRANSMIT (TCM)
16	A114 18GY/RD	FUSED B(+)

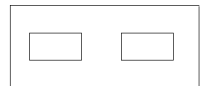


DATA LINK CONNECTOR-ENGINE (DIESEL) - 3 WAY

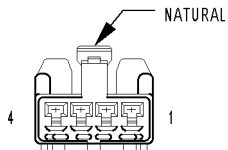
CAV	CIRCUIT	FUNCTION
A	D72 18WT/LB	CCD BUS (+)
B	D71 18WT/DB	CCD BUS (-)
C	Z816 14BK	GROUND



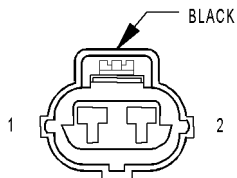
**DRIVE-FAN-
RADIATOR
(DIESEL)**



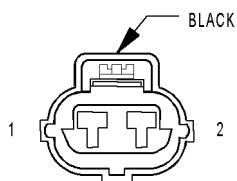
**FUSE HOLDER
(SRT)**



**GAUGE-
ENGINE OIL
TEMPERATURE
(SRT)**



**GENERATOR
(EXCEPT SRT)**



**GENERATOR
(SRT)**

DRIVE-FAN-RADIATOR (DIESEL) - DK GRAY 6 WAY

CAV	CIRCUIT	FUNCTION
1	K160 18BR/OR	FAN CLUTCH CONTROL
2	K690 18DG/YL	SENSOR GROUND
3	K161 18BR/LB	FAN SPEED SENSOR
4	-	-
5	K668 18LG	5 VOLT SUPPLY
6	F504 18GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)

FUSE HOLDER (SRT) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	F988 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	F982 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)

GAUGE-ENGINE OIL TEMPERATURE (SRT) - NATURAL 4 WAY

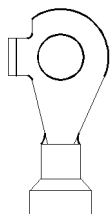
CAV	CIRCUIT	FUNCTION
1	E10 20OR/DG	ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
2	G127 20VT/DB	OIL TEMPERATURE GAUGE SIGNAL
3	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z1 18BK	GROUND

GENERATOR (EXCEPT SRT) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z816 18BK (DIESEL)	GROUND
1	K20 18BR/GY (NGC)	GEN FIELD CONTROL
2	K20 18BR/GY (DIESEL)	GEN FIELD CONTROL
2	Z20 18BR/BK (NGC)	GROUND

GENERATOR (SRT) - BLACK 2 WAY

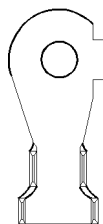
CAV	CIRCUIT	FUNCTION
1	K125 18BR/DG	GENERATOR SOURCE
2	K20 18BR/GY	GEN FIELD CONTROL



**GENERATOR
(5.7L)**

GENERATOR (5.7L) - 1 WAY

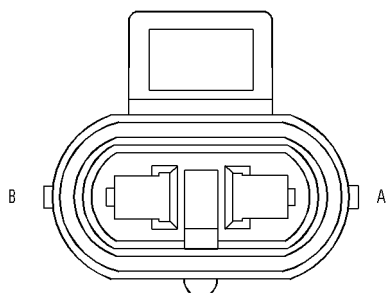
CAV	CIRCUIT	FUNCTION
1	A11 04 BR/RD	B(+)



**GENERATOR
(DIESEL/3.7L/4.7L/SRT)**

GENERATOR (DIESEL/3.7L/4.7L/SRT) - 1 WAY

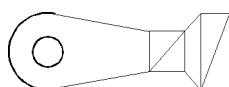
CAV	CIRCUIT	FUNCTION
1	A11 04BR/RD (EXCEPT SRT)	B(+)
1	A11 08LB (SRT)	B(+)



**HEATER-
FUEL
(DIESEL)**

HEATER-FUEL (DIESEL) - 2 WAY

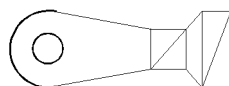
CAV	CIRCUIT	FUNCTION
A	Z816 14BK	GROUND
B	A961 14RD	FUEL HEATER RELAY OUTPUT



**HEATER-
INTAKE
AIR NO.1
(DIESEL)**

HEATER-INTAKE AIR NO. 1 (DIESEL) - 1 WAY

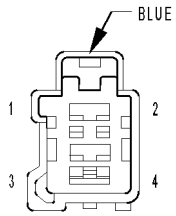
CAV	CIRCUIT	FUNCTION
1	A122 6BK	INTAKE AIR HEATER NO. 1 RELAY OUTPUT



**HEATER-
INTAKE
AIR NO. 2
(DIESEL)**

HEATER-INTAKE AIR NO. 2 (DIESEL) - 1 WAY

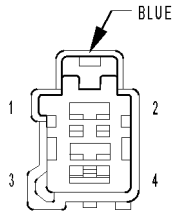
CAV	CIRCUIT	FUNCTION
1	A58 6BK	INTAKE AIR HEATER NO. 2 RELAY OUTPUT



**HEATED-
SEAT CUSHION-
DRIVER**

HEATER-SEAT CUSHION-DRIVER - BLUE 4 WAY

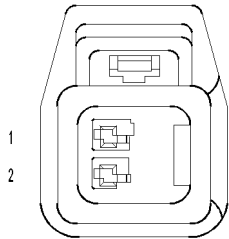
CAV	CIRCUIT	FUNCTION
1	P187 18LG/BR	DRIVER SEAT HEATER SUPPLY
2	Z939 20BK (EXCEPT SRT)	GROUND
2	Z939 18BK (SRT)	GROUND
3	P53 20LG/OR (EXCEPT SRT)	DRIVER SEAT TEMPERATURE SENSOR SIGNAL
3	P53 20LG (SRT)	DRIVER SEAT TEMPERATURE SENSOR SIGNAL
4	P89 20LG/OR	SEAT TEMPERATURE SENSOR SUPPLY



**HEATED-
SEAT CUSHION-
PASSENGER**

HEATER-SEAT CUSHION-PASSENGER - BLUE 4 WAY

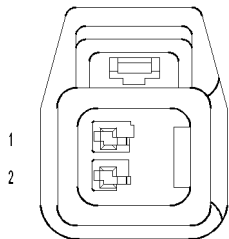
CAV	CIRCUIT	FUNCTION
1	P188 18LG/VT	PASSENGER SEAT HEATER SUPPLY
2	Z939 20BK (EXCEPT SRT)	GROUND
2	Z939 18BK (SRT)	GROUND
3	P54 20OR/LG	PASSENGER SEAT TEMPERATURE SENSOR SUPPLY
4	P89 20LG/OR	SEAT TEMPERATURE SENSOR SUPPLY



HORN-NO.1

HORN-NO. 1 - 2 WAY

CAV	CIRCUIT	FUNCTION
1	X2 18DG/OR	HORN RELAY OUTPUT
2	Z298 18 BK/DB	GROUND



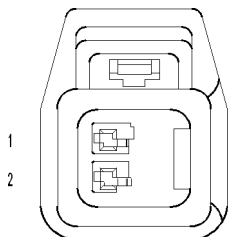
HORN-NO. 2

HORN-NO. 2 - 2 WAY

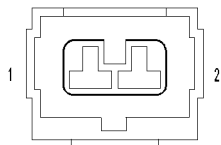
CAV	CIRCUIT	FUNCTION
1	X2 18DG/OR	HORN RELAY OUTPUT
2	Z299 18BK/OR	GROUND



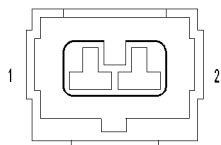
**INJECTOR-
FUEL-NO. 1
(DIESEL)**



**INJECTOR-
FUEL-NO. 1
(NGC)**



**INJECTOR-
FUEL-NO. 1
(SRT)**



**INJECTOR-
FUEL-NO. 10
(SRT)**



**INJECTOR-
FUEL-NO. 2
(DIESEL)**

INJECTOR-FUEL-NO. 1 (DIESEL) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K11 14BK	INJECTOR CONTROL NO. 1

INJECTOR-FUEL-NO. 1 (NGC) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K11 18BR/YL	INJECTOR CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT

INJECTOR-FUEL-NO. 1 (SRT) - 2 WAY

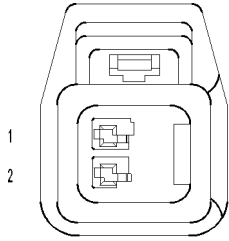
CAV	CIRCUIT	FUNCTION
1	K11 18BR/YL	INJECTOR CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT

INJECTOR-FUEL-NO. 10 (SRT) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K116 18BR/WT	INJECTOR CONTROL NO. 10
2	K342 16BR/WT	ASD RELAY OUTPUT

INJECTOR-FUEL-NO. 2 (DIESEL) - 2 WAY

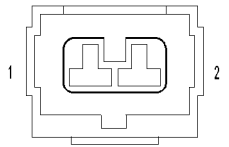
CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K12 14BK	INJECTOR CONTROL NO. 2



**INJECTOR-
FUEL-NO. 2
(NGC)**

INJECTOR-FUEL-NO. 2 (NGC) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K12 18BR/DB	INJECTOR CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 2
(SRT)**

INJECTOR-FUEL-NO. 2 (SRT) - 2 WAY

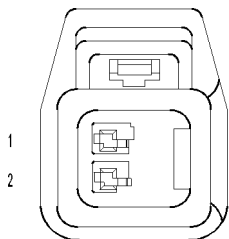
CAV	CIRCUIT	FUNCTION
1	K12 18BR/DB	INJECTOR CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 3
(DIESEL)**

INJECTOR-FUEL-NO. 3 (DIESEL) - 2 WAY

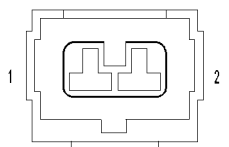
CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K13 14BK	INJECTOR CONTROL NO. 3



**INJECTOR-
FUEL-NO. 3
(NGC)**

INJECTOR-FUEL-NO. 3 (NGC) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K13 18BR/LB	INJECTOR CONTROL NO. 3
2	K342 16BR/WT	ASD RELAY OUTPUT



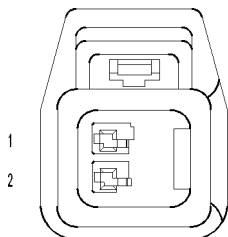
**INJECTOR-
FUEL-NO. 3
(SRT)**

INJECTOR-FUEL-NO. 3 (SRT) - 2 WAY

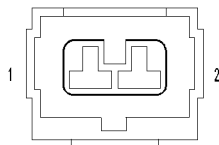
CAV	CIRCUIT	FUNCTION
1	K13 18BR/LB	INJECTOR CONTROL NO. 3
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 4
(DIESEL)**



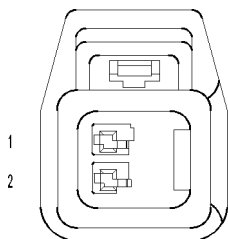
**INJECTOR-
FUEL-NO. 4
(NGC)**



**INJECTOR-
FUEL-NO. 4
(SRT)**



**INJECTOR-
FUEL-
NO. 5
(DIESEL)**



**INJECTOR-
FUEL-NO. 5
(NGC)**

INJECTOR-FUEL-NO. 4 (DIESEL) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K14 14BK	INJECTOR CONTROL NO. 4

INJECTOR-FUEL-NO. 4 (NGC) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K14 18BR/TN	INJECTOR CONTROL NO. 4
2	K342 16BR/WT	ASD RELAY OUTPUT

INJECTOR-FUEL-NO. 4 (SRT) - 2 WAY

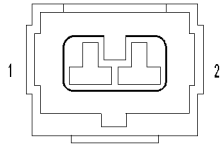
CAV	CIRCUIT	FUNCTION
1	K14 18BR/TN	INJECTOR CONTROL NO. 4
2	K342 16BR/WT	ASD RELAY OUTPUT

INJECTOR-FUEL-NO. 5 (DIESEL) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K38 14BK	INJECTOR CONTROL NO. 5

INJECTOR-FUEL-NO. 5 (NGC) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K38 18BR/OR	INJECTOR CONTROL NO. 5
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 5
(SRT)**

INJECTOR-FUEL-NO. 5 (SRT) - 2 WAY

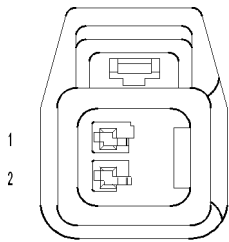
CAV	CIRCUIT	FUNCTION
1	K38 18BR/OR	INJECTOR CONTROL NO. 5
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-
NO. 6
(DIESEL)**

INJECTOR-FUEL-NO. 6 (DIESEL) - 2 WAY

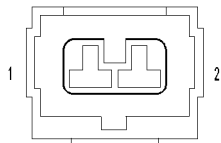
CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K58 14BK	INJECTOR CONTROL NO. 6



**INJECTOR-
FUEL-NO. 6
(NGC)**

INJECTOR-FUEL-NO. 6 (NGC) - 2 WAY

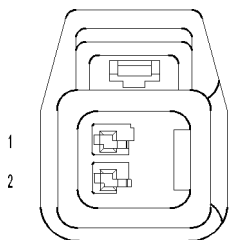
CAV	CIRCUIT	FUNCTION
1	K58 18BR/VT	INJECTOR CONTROL NO. 6
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 6
(SRT)**

INJECTOR-FUEL-NO. 6 (SRT) - 2 WAY

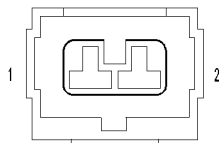
CAV	CIRCUIT	FUNCTION
1	K58 18BR/VT	INJECTOR CONTROL NO. 6
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 7
(NGC)**

INJECTOR-FUEL-NO. 7 (NGC) - 2 WAY

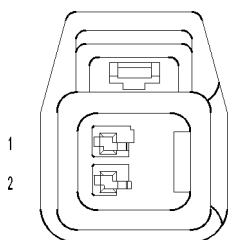
CAV	CIRCUIT	FUNCTION
1	K26 18BR/YL	INJECTOR CONTROL NO. 7
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 7
(SRT)**

INJECTOR-FUEL-NO. 7 (SRT) - 2 WAY

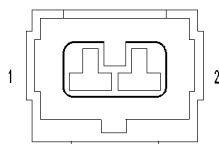
CAV	CIRCUIT	FUNCTION
1	K26 18BR/YL	INJECTOR CONTROL NO. 7
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 8
(NGC)**

INJECTOR-FUEL-NO. 8 (NGC) - 2 WAY

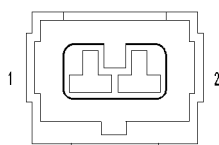
CAV	CIRCUIT	FUNCTION
1	K28 18BR/LB	INJECTOR CONTROL NO. 8
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 8
(SRT)**

INJECTOR-FUEL-NO. 8 (SRT) - 2 WAY

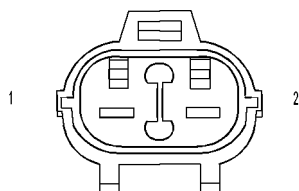
CAV	CIRCUIT	FUNCTION
1	K28 18BR/LB	INJECTOR CONTROL NO. 8
2	K342 16BR/WT	ASD RELAY OUTPUT



**INJECTOR-
FUEL-NO. 9
(SRT)**

INJECTOR-FUEL-NO. 9 (SRT) - 2 WAY

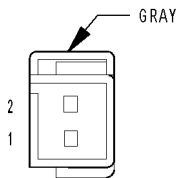
CAV	CIRCUIT	FUNCTION
1	K115 18BR	INJECTOR CONTROL NO. 9
2	K342 16BR/WT	ASD RELAY OUTPUT



**LAMP-BAR-
TAILGATE
(DUAL REAR WHEELS)**

LAMP-BAR-TAILGATE (DUAL REAR WHEELS) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z942 20BK	GROUND



**LAMP-
CENTER
BEZEL**

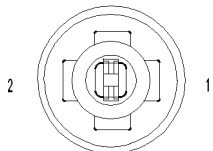
LAMP-CENTER BEZEL - GRAY 2 WAY

CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z923 18BK	GROUND

**CONNECTOR
NOT
AVAILABLE**

LAMP-CHMSL-AFTERMARKET - 1 WAY

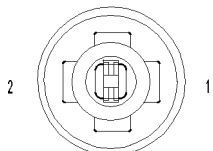
CAV	CIRCUIT	FUNCTION
1	L50 18 WT/TN	BRAKE LAMP SWITCH OUTPUT



**LAMP-
CLEARANCE
NO. 1
(HD)**

LAMP-CLEARANCE NO. 1 (HD) - 2 WAY

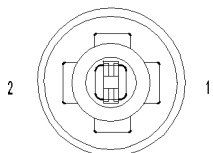
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



**LAMP-
CLEARANCE
NO. 2
(HD)**

LAMP-CLEARANCE NO. 2 (HD) - 2 WAY

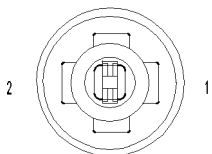
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



**LAMP-
CLEARANCE
NO. 3
(HD)**

LAMP-CLEARANCE NO. 3 (HD) - 2 WAY

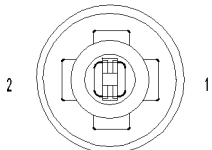
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



**LAMP-CLEARANCE
NO. 4
(HD)**

LAMP-CLEARANCE NO. 4 (HD) - 2 WAY

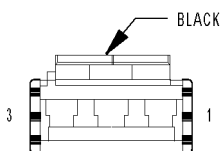
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



**LAMP-CLEARANCE
NO. 5
(HD)**

LAMP-CLEARANCE NO. 5 (HD) - 2 WAY

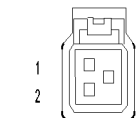
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



**LAMP-DOME-
REAR**

LAMP-DOME-REAR - BLACK 3 WAY

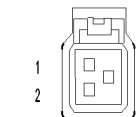
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY (LIGHT PACKAGE)	READING LAMPS DRIVER
2	M20 20YL/LB	COURTESY LAMPS DRIVER
3	Z964 20BK	GROUND



**LAMP-FENDER-FRONT
LEFT
(DUAL REAR WHEELS)**

LAMP-FENDER-FRONT LEFT (DUAL REAR WHEELS) - 2 WAY

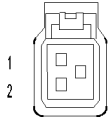
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z947 18BK	GROUND



**LAMP-FENDER-FRONT
RIGHT
(DUAL REAR WHEELS)**

LAMP-FENDER-FRONT RIGHT (DUAL REAR WHEELS) - 2 WAY

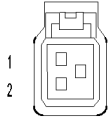
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z948 18BK	GROUND



**LAMP-
FENDER-
REAR
LEFT
(DUAL REAR WHEELS)**

LAMP-FENDER-REAR LEFT (DUAL REAR WHEELS) - 2 WAY

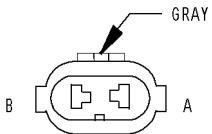
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z947 18BK	GROUND



**LAMP-
FENDER-
REAR RIGHT
(DUAL REAR WHEELS)**

LAMP-FENDER-REAR RIGHT (DUAL REAR WHEELS) - 2 WAY

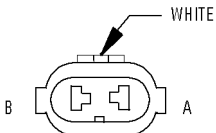
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z948 18BK	GROUND



**LAMP-FOG-
LEFT**

LAMP-FOG-LEFT - GRAY 2 WAY

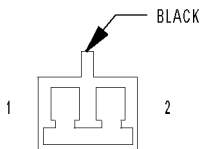
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP RELAY OUTPUT



**LAMP-FOG-
RIGHT**

LAMP-FOG-RIGHT - WHITE 2 WAY

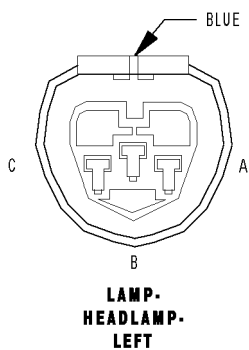
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP RELAY OUTPUT



**LAMP-
GLOVE
BOX**

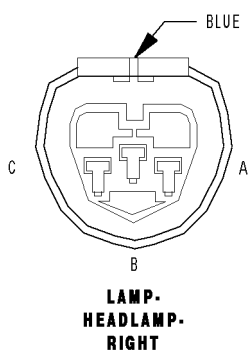
LAMP-GLOVE BOX - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z328 20BK/TN	GROUND
2	M228 18YL/LB	GLOVE BOX LAMP DRIVER



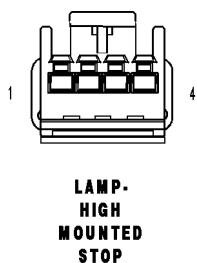
LAMP-HEADLAMP-LEFT - BLUE 3 WAY

CAV	CIRCUIT	FUNCTION
A	L43 18WT/DB	LEFT LOW BEAM DRIVER
B	Z345 18BK/LB	GROUND
C	L33 18WT/LG	LEFT HIGH BEAM DRIVER



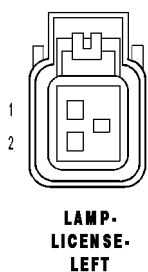
LAMP-HEADLAMP-RIGHT - BLUE 3 WAY

CAV	CIRCUIT	FUNCTION
A	L44 18WT/TN	RIGHT LOW BEAM DRIVER
B	Z346 18BK/LG	GROUND
C	L34 18WT/GY	RIGHT HIGH BEAM DRIVER



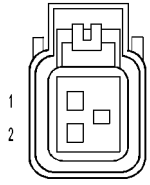
LAMP-HIGH MOUNTED STOP - 4 WAY

CAV	CIRCUIT	FUNCTION
1	L14 20WT/TN (EXCEPT SUNROOF)	CARGO LAMP DRIVER
1	L14 20WT/BR (SUNROOF)	CARGO LAMP DRIVER
2	Z964 20BK	GROUND
3	Z964 20 BK	GROUND
4	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT



LAMP-LICENSE-LEFT - 2 WAY

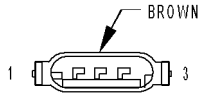
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z367 18BK/BR	GROUND



**LAMP-
LICENSE-
RIGHT**

LAMP-LICENSE-RIGHT - 2 WAY

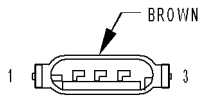
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z367 18BK/BR	GROUND



**LAMP-
PARK/
TURN-
LEFT FRONT**

LAMP-PARK/TURN-LEFT FRONT - BROWN 3 WAY

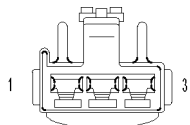
CAV	CIRCUIT	FUNCTION
1	L61 18WT/LG	LEFT FRONT TURN LAMP DRIVER
2	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
3	Z377 18BK/BR	GROUND



**LAMP-
PARK/
TURN-
RIGHT FRONT**

LAMP-PARK/TURN-RIGHT FRONT - BROWN 3 WAY

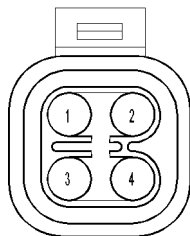
CAV	CIRCUIT	FUNCTION
1	L60 18WT/TN	RIGHT FRONT TURN LAMP DRIVER
2	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
3	Z378 18BK/TN	GROUND



**LAMP-
READING-
FRONT
(EXCEPT BASE)**

LAMP-READING-FRONT (EXCEPT BASE) - 3 WAY

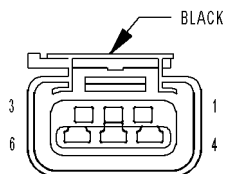
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY	READING LAMPS DRIVER
2	Z964 20BK	GROUND
3	M22 20YL/OR	COURTESY LAMPS DRIVER



**LAMP-
TAIL
STOP/
TURN-
LEFT
(BOX OFF)**

LAMP-TAIL STOP/TURN-LEFT (BOX OFF) - 4 WAY

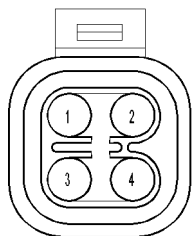
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z928 16BK	GROUND
3	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-
TAIL STOP/
TURN-
LEFT
(BOX ON)**

LAMP-TAIL STOP/TURN-LEFT (BOX ON) - BLACK 6 WAY

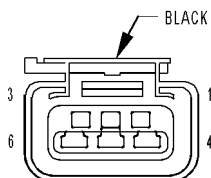
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	-	-
3	Z928 18BK	GROUND
4	L53 18DG/WT	LEFT STOP LAMP DRIVER
5	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
6	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-
TAIL
STOP/
TURN-
RIGHT
(BOX OFF)**

LAMP-TAIL STOP/TURN-RIGHT (BOX OFF) - 4 WAY

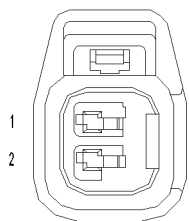
CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z928 16BK	GROUND
3	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-
TAIL
STOP/
TURN-
RIGHT
(BOX ON)**

LAMP-TAIL STOP/TURN-RIGHT (BOX ON) - BLACK 6 WAY

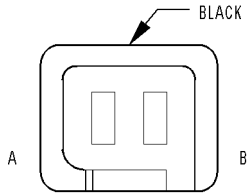
CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	-	-
3	Z928 18BK	GROUND
4	L54 18WT/LG	RIGHT STOP LAMP DRIVER
5	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
6	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-
UNDERHOOD
(SRT)**

LAMP-UNDERHOOD (SRT) - 2 WAY

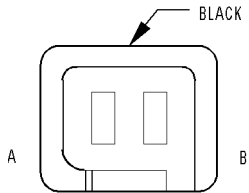
CAV	CIRCUIT	FUNCTION
1	Z470 20BK/LB	GROUND
2	A114 18GY/RD	FUSED B(+)



**LAMP-
VANITY-
LEFT
(LIGHT PACKAGE)**

LAMP-VANITY-LEFT (LIGHT PACKAGE) - BLACK 2 WAY

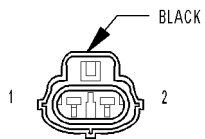
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



**LAMP-
VANITY-
RIGHT
(LIGHT PACKAGE)**

LAMP-VANITY-RIGHT (LIGHT PACKAGE) - BLACK 2 WAY

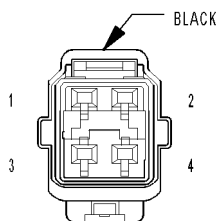
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



**LATCH-
DOOR-
DRIVER
(BASE)**

LATCH-DOOR-DRIVER (BASE) - BLACK 2 WAY

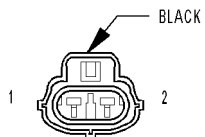
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z75 20BK/VT	GROUND



**LATCH-
DOOR-
DRIVER
(POWER LOCKS)**

LATCH-DOOR-DRIVER (POWER LOCKS) - BLACK 4 WAY

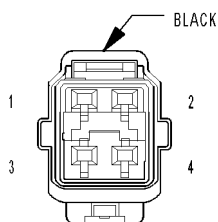
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z75 20BK/VT	GROUND
3	P1 18TN/LG	DOOR UNLOCK DRIVER LEFT FRONT
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS



**LATCH-
DOOR-
LEFT REAR
(BASE)**

LATCH-DOOR-LEFT REAR (BASE) - BLACK 2 WAY

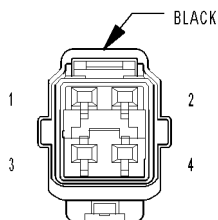
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z79 20LG/BK	GROUND



**LATCH-
DOOR-
LEFT REAR
(POWER LOCKS)**

LATCH-DOOR-LEFT REAR (POWER LOCKS) - BLACK 4 WAY

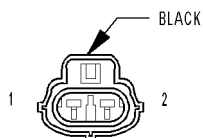
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z79 20LG/BK	GROUND
3	P5 18TN/OR	DOOR UNLOCK DRIVER LEFT REAR
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS



**LATCH-
DOOR-
PASSENGER
(POWER LOCKS)**

LATCH-DOOR-PASSENGER (POWER LOCKS) - BLACK 4 WAY

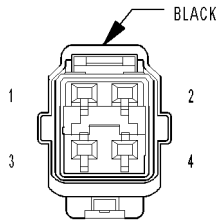
CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	Z74 20BK/WT	GROUND
3	G778 18VT/LB	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG/DB	DOOR LOCK DRIVER RIGHT DOORS



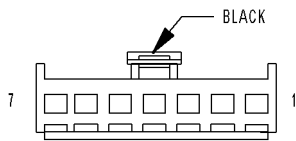
**LATCH-
DOOR-
RIGHT REAR
(BASE)**

LATCH-DOOR-RIGHT REAR (BASE) - BLACK 2 WAY

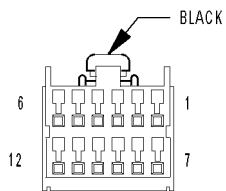
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND



**LATCH-
DOOR-
RIGHT REAR
(POWER LOCKS)**



**MIRROR-
INSIDE
REARVIEW C1
(EXCEPT BASE)**



**MIRROR-
INSIDE
REARVIEW C2
(HANDS FREE)**

LATCH-DOOR-RIGHT REAR (POWER LOCKS) - BLACK 4 WAY

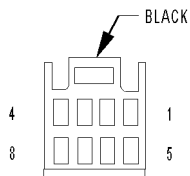
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND
3	G778 18TN/OR	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG	DOOR LOCK DRIVER RIGHT DOORS

MIRROR-INSIDE REARVIEW C1 (EXCEPT BASE) - BLACK 7 WAY

CAV	CIRCUIT	FUNCTION
1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z944 20BK	GROUND
3	L1 20WT/LG	BACKUP LAMP FEED
4	-	-
5	-	-
6	-	-
7	-	-

MIRROR-INSIDE REARVIEW C2 (HANDS FREE) - BLACK 12 WAY

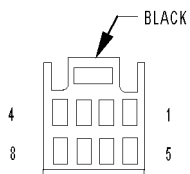
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	X722 20LB/DG	MICROPHONE 2 IN (+)
5	-	-
6	X712 20DG/LB	MICROPHONE 1 IN (+)
7	X793 20DG/YL	MICROPHONE FEED
8	-	-
9	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
10	-	-
11	X835 20OR/GY	SENSOR GROUND
12	X792 20LB/DG	MICROPHONE IN (-)



**MIRROR-
OUTSIDE REARVIEW-
DRIVER**

MIRROR-OUTSIDE REARVIEW-DRIVER - BLACK 8 WAY

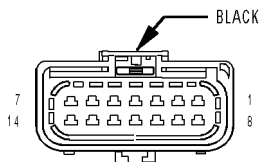
CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR RELAY OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P75 18TN/LG	LEFT MIRROR LEFT DRIVER
4	P71 18TN/DG	LEFT MIRROR UP DRIVER
5	Z461 20BK/DG	GROUND
6	-	-
7	-	-
8	-	-



**MIRROR-
OUTSIDE REARVIEW-
PASSENGER**

MIRROR-OUTSIDE REARVIEW-PASSENGER - BLACK 8 WAY

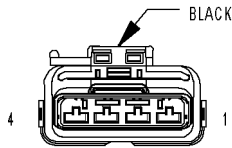
CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR RELAY OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
4	P72 18TN/GY	RIGHT MIRROR UP DRIVER
5	Z216 20BK/DB	GROUND
6	-	-
7	-	-
8	-	-



**MODULE-
ANTI-
LOCK
BRAKES C1**

MODULE-ANTI-LOCK BRAKES C1 - BLACK 14 WAY

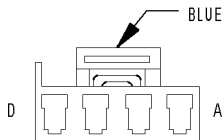
CAV	CIRCUIT	FUNCTION
1	B4 18DG/GY (EXCEPT SRT)	REAR WHEEL SPEED SENSOR (+)
1	B4 20DG/GY (SRT)	REAR WHEEL SPEED SENSOR (+)
2	B222 18DG/WT (5.7L)	VEHICLE SPEED SIGNAL NO. 2
3	D25 18WT/VT (EXCEPT SRT)	PCI BUS
3	D25 20WT/VT (SRT)	PCI BUS
4	F500 18DG/PK (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
4	F500 20DG/PK (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
5	B9 18DG/LG (5.7L RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
6	Z107 12BK/DG	GROUND
7	A111 14DG/RD	FUSED B(+)
8	B3 18DG/YL (EXCEPT SRT)	REAR WHEEL SPEED SENSOR (-)
8	B3 20DG/YL (SRT)	REAR WHEEL SPEED SENSOR (-)
9	B29 18DG/WT (EXCEPT SRT)	BRAKE SWITCH NO. 1 SIGNAL
9	B29 20DG/WT (SRT)	BRAKE SWITCH NO. 1 SIGNAL
10	B8 18DG/TN (5.7L RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
11	B20 18DG/OR (EXCEPT SRT)	BRAKE FLUID LEVEL SWITCH SENSE
11	B20 20DG/OR (SRT)	BRAKE FLUID LEVEL SWITCH SENSE
12	B22 18DG/YL (EXCEPT SRT)	VEHICLE SPEED SIGNAL NO. 1
12	B22 20DG/YL (SRT)	VEHICLE SPEED SIGNAL NO. 1
13	Z127 12BK/DG (AWAL)	GROUND
14	A111 14DG/RD (AWAL)	FUSED B(+)



**MODULE-
ANTI-
LOCK
BRAKES C2
(AWAL)**

MODULE-ANTI-LOCK BRAKES C2 (AWAL) - BLACK 4 WAY

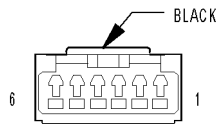
CAV	CIRCUIT	FUNCTION
1	B9 20DG/LG	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B8 20DG/TN	LEFT FRONT WHEEL SPEED SENSOR (-)
3	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)
4	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)



**MODULE-
BRAKE
PROVISION**

MODULE-BRAKE PROVISION - BLUE 4 WAY

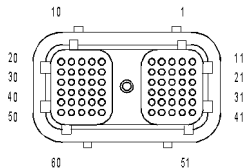
CAV	CIRCUIT	FUNCTION
A	A400 14TN/RD	FUSED B(+)
B	B40 14DG	TRAILER TOW BRAKE B(+)
C	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
D	Z998 18BK	GROUND



**MODULE-
ELECTRONIC
OVERHEAD
(EXCEPT BASE)**

MODULE-ELECTRONIC OVERHEAD (EXCEPT BASE) - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	Z13 20BK/WT	GROUND
4	A919 20RD	FUSED B(+)
5	D25 20WT/VT	PCI BUS
6	-	-



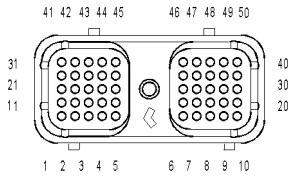
**MODULE-
ENGINE
CONTROL C1**

MODULE-ENGINE CONTROL C1 - 60 WAY

CAV	CIRCUIT	FUNCTION
1	K139 18DB	WASTEGATE SOLENOID CONTROL
2	-	-
3	-	-
4	D72 18WT/LB	CCD BUS (+)
5	D71 18WT/DB	CCD BUS (-)
6	K65 18BR/LB	FUEL PUMP RELAY RETURN
7	K20 18BR/GY	GEN FIELD CONTROL
8	K314 18TN/YL (A/T)	TTVA MOTOR (+)
9	-	-
10	-	-
11	K2 18TN/BK	ECT SIGNAL
12	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
13	-	-
14	-	-
15	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16	-	-
17	-	-
18	K23 18BR/WT	APPS NO. 1 SIGNAL
19	K31 18BR	FUEL PUMP RELAY CONTROL
20	K315 18TN/OR (A/T)	TTVA MOTOR (-)
21	-	-
22	K24 18LB/BR	CKP SIGNAL
23	K914 18RD/WT	SENSOR GROUND

MODULE-ENGINE CONTROL C1 - 60 WAY

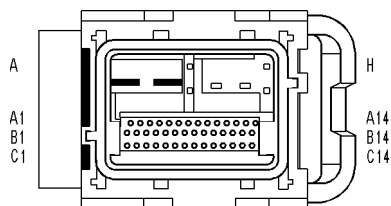
CAV	CIRCUIT	FUNCTION
24	K44 18DB/GY	CMP SIGNAL
25	K668 18LG	5 VOLT SUPPLY
26	C918 18BK/LB	A/C PRESSURE SIGNAL
27	K853 18DB/BR	5 VOLT SUPPLY
28	K29 18WT/BR	APPS NO. 2 SIGNAL
29	K690 18DG/YL	SENSOR GROUND
30	K11 16WT/DB	INJECTOR CONTROL NO. 1
31	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL
32	K916 18BR/OR	SENSOR GROUND
33	K167 18BR/YL	APPS NO. 1 RETURN
34	-	-
35	K312 18OR (A/T)	TTVA POSITION SENSOR SIGNAL
36	K14 16BR/TN	INJECTOR CONTROL NO. 4
37	-	-
38		
39	-	-
40	K13 16TN	INJECTOR CONTROL NO. 3
41	-	-
42	K852 18BR/VT	5 VOLT SUPPLY
43	K37 18LB	BOOST PRESSURE SENSOR SIGNAL
44	-	-
45	-	-
46	K58 16BR/VT	INJECTOR CONTROL NO. 6
47	-	-
48	-	-
49	-	-
50	K12 16BR/DB	INJECTOR CONTROL NO. 2
51	-	-
52	K975 18BR/OR	SENSOR GROUND
53	K915 18VT/RD	FUEL RAIL SENSOR RETURN
54	F855 18PK/YL	5 VOLT SUPPLY
55	-	-
56	K38 16GY	INJECTOR CONTROL NO. 5
57	K229 16TN/PK	INJECTOR HIGH SIDE DRIVER-BANK 2
58	-	-
59	K227 16BR/LG	INJECTOR HIGH SIDE DRIVER-BANK 1
60	-	-



**MODULE-
ENGINE
CONTROL C2**

MODULE-ENGINE CONTROL C2 - 50 WAY

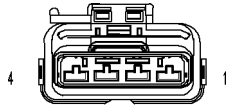
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
4	-	-
5	K176 18BR/OR	INTAKE AIR HEATER NO. 2 RELAY CONTROL
6	K174 18BR/YL	INTAKE AIR HEATER NO. 1 RELAY CONTROL
7	K31 18BR	FUEL PUMP RELAY CONTROL
8	-	-
9	T41 18YL/DB (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
10	K161 18BR/LB	FAN SPEED SENSOR
11	B22 18DG/YL	VEHICLE SPEED SIGNAL NO. 1
12	G6 18VT/GY	OIL PRESSURE SIGNAL
13	T6 18DG (A/T)	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
14	T118 18DG (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
15	T9 18DG/TN (A/T)	3-4 SOLENOID CONTROL
16	D21 18WT/BR	SCI TRANSMIT (ECM)
17	-	-
18	T38 18YL/BR (A/T)	GOVERNOR PRESSURE SENSOR SIGNAL
19	D20 18WT/LG	SCI RECEIVE (ECM)
20	A209 16RD	FUSED B(+)
21	Z902 16BK	GROUND
22	-	-
23	F856 18YL/PK (A/T)	5 VOLT SUPPLY
24	K900 18DB/DG	SENSOR GROUND
25	T75 18YL/LB (A/T)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
26	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
27	-	-
28	D25 18WT/VT	PCI BUS
29	T54 18DG/OR (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
30	A209 16RD	FUSED B(+)
31	T515 18YL/DB (A/T)	TRANSMISSION CONTROL RELAY CONTROL
32	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
33	K854 18VT/BR	5 VOLT SUPPLY
34	-	-
35	K616 18BR/YL	INLET AIR PRESSURE SENSE
36	V32 18VT/YL	BRAKE SWITCH NO. 2 SIGNAL
37	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
38	-	-
39	-	-
40	A209 16RD	FUSED B(+)
41	C13 18LB/OR	A/C CLUTCH RELAY CONTROL
42	-	-
43	K160 18BR/OR	FAN CLUTCH CONTROL
44	T14 18DG/BR (A/T)	OUTPUT SPEED SENSOR SIGNAL
45	T13 18DG/VT (A/T)	SPEED SENSOR GROUND
46	V37 18VT	S/C SWITCH NO. 1 SIGNAL
47	K25 18DB/VT	BATT TEMP SIGNAL
48	K400 18BR/VT	APPS NO. 2 RETURN
49	Z902 16BK	GROUND
50	Z902 16BK	GROUND



**MODULE-
FINAL
DRIVE
CONTROL
(OFFROAD)**

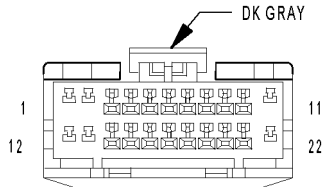
MODULE-FINAL DRIVE CONTROL (OFF ROAD) - 50 WAY

CAV	CIRCUIT	FUNCTION
A	Z935 16BK	GROUND
A1	T521 20YL/GY	LOCKER SENSOR SUPPLY
A2	-	-
A3	T522 20YL/LB	FRONT LOCKER SENSOR SENSE
A4	-	-
A5	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
A6	K77 20BR/WT	TRANSFER CASE POSITION SENSE
A7	-	-
A8	T527 20YL/TN	REAR LOCKER SENSOR SENSE
A9	T525 20YL/DB	TRANSFER CASE RETURN
A10	Z937 20BK	GROUND
A11	-	-
A12	-	-
A13	-	-
A14	-	-
B	A34 16RD/WT	FUSED B(+)
B1	T537 20YL/LG	LOCKER SWITCH SUPPLY
B2	T536 20YL/WT	SWITCH SUPPLY
B3	D25 20WT/VT	PCI BUS
B4	T535 20YL/BR	LOCKER SWITCH SENSE
B5	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
B6	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
B7	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
B8	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
B9	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
B10	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
B11	-	-
B12	-	-
B13	-	-
B14	-	-
C	T524 16YL/LG	FRONT LOCKER RETURN
C1	-	-
C2	-	-
C3	-	-
C4	-	-
C5	-	-
C6	-	-
C7	-	-
C8	-	-
C9	-	-
C10	-	-
C11	-	-
C12	-	-
C13	-	-
C14	-	-
D	T528 16YL/GY	REAR LOCKER RETURN
E	-	-
F	-	-
G	T520 16YL/OR	FRONT LOCKER SOURCE
H	T526 16YL/WT	REAR LOCKER SOURCE


**MODULE-
FUEL PUMP**

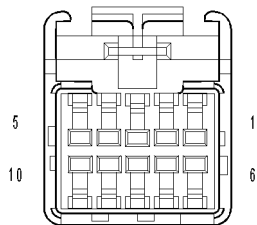
MODULE-FUEL PUMP - 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z201 12BK/OR	GROUND
2	K900 18DB/DG	SENSOR GROUND
3	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
4	A109 14OR/RD	FUEL PUMP RELAY OUTPUT


**MODULE-
HANDS FREE C1**

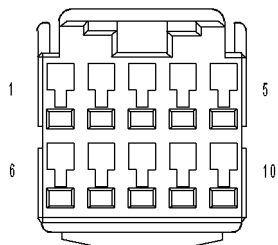
MODULE-HANDS FREE C1 - DK GRAY 22 WAY

CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-
4	-	-
5	X722 18LB/DG	MICROPHONE 2 IN (+)
6	-	-
7	-	-
8	X703 18DG/OR	LEFT AUDIO OUTPUT
9	X704 18DG/YL	RIGHT AUDIO OUTPUT
10	X795 18DG	COMMON AUDIO OUTPUT
11	-	-
12	-	-
13	-	-
14	D25 20WT/VT	PCI BUS
15	X730 18GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
16	X712 18DG/LB	MICROPHONE 1 IN (+)
17	X792 18LB/DG	MICROPHONE IN (-)
18	-	-
19	-	-
20	X793 18DG/YL	MICROPHONE FEED
21	X835 18OR/GY	SENSOR GROUND
22	Z970 18BK	GROUND


**MODULE-
HANDS
FREE C2**

MODULE-HANDS FREE C2 - 10 WAY

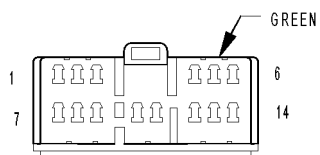
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	X160 18GY/YL	FUSED B(+)
7	-	-
8	D112 18WT/OR	SDAR BUS
9	Z966 18BK (EXCEPT SRT)	GROUND
9	Z909 18BK (SRT)	GROUND
10	-	-



**MODULE-
HANDS
FREE C3**

MODULE-HANDS FREE C3 - 10 WAY

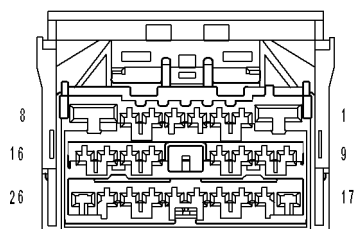
CAV	CIRCUIT	FUNCTION
1	X16 18DG/YL	AUDIO SIGNAL RIGHT (+)
2	X917 18DG	AUDIO SIGNAL COMMON
3	-	-
4	D25 20WT/VT	PCI BUS
5	X211 18YL/GY	IGNITION RUN-ACC SIGNAL
6	X17 18DG/OR	AUDIO SIGNAL LEFT (+)
7	Z966 18BK	GROUND
8	D112 18WT/OR	SDAR BUS
9	-	-
10	X160 18GY/YL	FUSED B(+)



**MODULE-
HEATED
SEATS**

MODULE-HEATED SEATS - GREEN 14 WAY

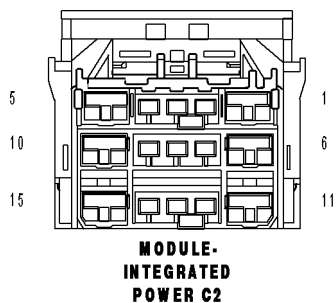
CAV	CIRCUIT	FUNCTION
1	P7 20LG/DG	DRIVER SEAT HEATER MUX SWITCH
2	P89 20LG/OR	SEAT TEMPERATURE SENSOR SUPPLY
3	P188 18LG/VT	PASSENGER SEAT HEATER SUPPLY
4	A930 18RD (EXCEPT SRT)	FUSED B(+)
4	A930 16RD (SRT)	FUSED B(+)
5	P187 18LG/BR	DRIVER SEAT HEATER SUPPLY
6	A930 18RD (EXCEPT SRT)	FUSED B(+)
6	A930 16RD (SRT)	FUSED B(+)
7	P54 20OR/LG	PASSENGER SEAT TEMPERATURE SENSOR SIGNAL
8	P53 20LG/OR (EXCEPT SRT)	DRIVER SEAT TEMPERATURE SENSOR SIGNAL
8	P53 20LG (SRT)	DRIVER SEAT TEMPERATURE SENSOR SIGNAL
9	P8 20LG/WT	PASSENGER SEAT HEATER MUX SWITCH
10	P82 20TN/DG	PASSENGER SEAT LOW HEAT LED DRIVER
11	P84 20TN/VT	PASSENGER SEAT HIGH HEAT LED DRIVER
12	P81 20TN/LB	DRIVER SEAT LOW HEAT LED DRIVER
13	Z951 20BK (EXCEPT SRT)	GROUND
13	Z939 14BK (SRT)	GROUND
14	P83 20TN/WT	DRIVER SEAT HIGH HEAT LED DRIVER



**MODULE-
INTEGRATED
POWER C1**

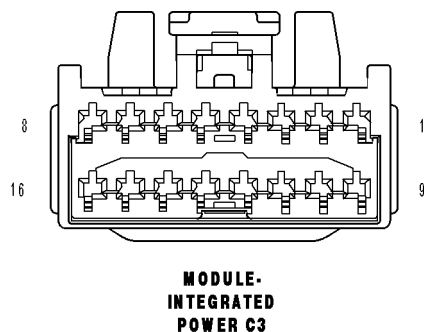
MODULE-INTEGRATED POWER C1 - 26 WAY

CAV	CIRCUIT	FUNCTION
1	A960 14RD (DIESEL)	FUSED B(+)
1	A16 16RD/BR (NGC)	FUSED B(+)
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	F500 18DG/PK (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
4	F500 20DG/PK (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
5	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
6	-	-
7	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
8	A981 14RD (EXCEPT SRT)	FUSED B(+)
8	A981 12RD (SRT)	FUSED B(+)
9	A114 18GY/RD	FUSED B(+)
10	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
11	F951 16PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	A941 18RD	FUSED B(+)
13	A919 20RD	FUSED B(+)
14	X2 18DG/OR	HORN RELAY OUTPUT
15	-	-
16	A103 18GY/RD	FUSED B(+)
17	L678 18BR (EXCEPT SRT)	FUSED PARK LAMP RELAY OUTPUT
17	L678 16BR (SRT)	FUSED PARK LAMP RELAY OUTPUT
18	-	-
19	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
20	T41 20YL/DB (OFF ROAD)	TRS T41 SENSE
21	Z953 20 BK (OFF ROAD)	GROUND
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-



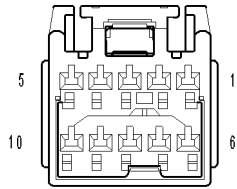
MODULE-INTEGRATED POWER C2 - 15 WAY

CAV	CIRCUIT	FUNCTION
1	A991 10RD (EXCEPT 3.7L/4.7L BASE/ EXCEPT SRT)	FUSED B(+)
1	A991 12RD (SRT)	FUSED B(+)
2	A34 16RD/WT (4X4 EXCEPT SRT)	FUSED B(+)
2	A916 16RD (SRT)	FUSED B(+)
3	A405 18RD/DB	FUSED B(+)
4	A917 20RD (SRT)	FUSED B(+)
5	A210 120R/RD (EXCEPT 3.7L/4.7L BASE/EXCEPT SRT)	FUSED B(+)
5	A210 100R/RD (SRT)	FUSED B(+)
6	A970 10RD	FUSED B(+)
7	A100 14RD/VT (TRAILER TOW)	FUSED B(+)
8	A111 14DG/RD	FUSED B(+)
9	A205 18RD/OR (EXCEPT SRT)	FUSED B(+)
9	A205 16RD/OR (SRT)	FUSED B(+)
10	A921 16RD (EXCEPT SRT)	FUSED B(+)
11	-	-
12	F984 18PK/YL (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
12	F984 16PK/YL (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
13	A116 18YL/RD (EXCEPT 3.7L/4.7L BASE/EXCEPT SRT)	FUSED B(+)
13	A116 16YL/RD (SRT)	FUSED B(+)
14	A951 16RD	FUSED B(+)
15	-	-



MODULE-INTEGRATED POWER C3 - 16 WAY

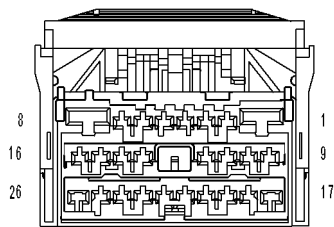
CAV	CIRCUIT	FUNCTION
1	W10 20BR	WASHER PUMP MOTOR CONTROL
2	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
3	Z117 18BK/WT	GROUND
4	G31 20VT/LG (EXCEPT NGC)	AAT SIGNAL
5	Z118 18BK/YL	GROUND
6	L1 18WT/LG	BACKUP LAMP FEED
7	-	-
8	-	-
9	-	-
10	D25 20VT/PK	PCI BUS
11	-	-
12	L61 18WT/LG	LEFT FRONT TURN LAMP DRIVER
13	L53 18DG/WT	LEFT STOP LAMP DRIVER
14	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
15	L60 18WT/TN	RIGHT FRONT TURN LAMP DRIVER
16	G180 20VT/YL (EXCEPT NGC)	SENSOR GROUND



**MODULE-
INTEGRATED
POWER C4**

MODULE-INTEGRATED POWER C4 - 10 WAY

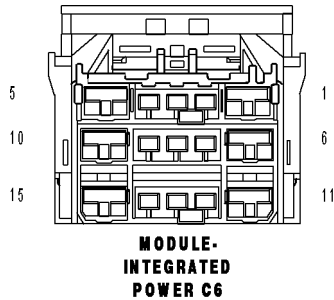
CAV	CIRCUIT	FUNCTION
1	Z116 18BK/VT	GROUND
2	L54 18WT/LG	RIGHT STOP LAMP DRIVER
3	W1 20BR/TN	WASHER FLUID SWITCH SENSE
4	-	-
5	-	-
6	F941 20PK/LG (DIESEL)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
7	W7 20BR/GY	WIPER PARK SWITCH SENSE
8	-	-
9	-	-
10	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)



**MODULE-
INTEGRATED
POWER C5**

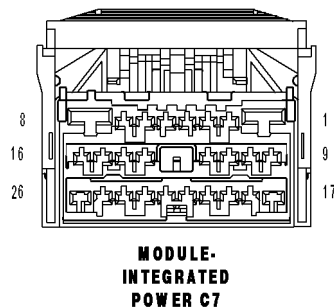
MODULE-INTEGRATED POWER C5 - 26 WAY

CAV	CIRCUIT	FUNCTION
1	F922 16PK/YL (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
1	F922 14PK/YL (SRT)	RELAY RUN OUTPUT
2	F941 20PK/LG (DIESEL)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z912 20BK (NGC)	GROUND
2	K125 18BR/DG (SRT)	GENERATOR SOURCE
3	-	-
4	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
5	-	-
6	Z723 20BK (DIESEL)	GROUND
7	K31 18BR (DIESEL)	FUEL PUMP RELAY CONTROL
8	Z920 12BK	GROUND
9	C110 20DB/LB (EXCEPT 3.7L/4.7L BASE)	DEFOGGER RELAY CONTROL
10	-	-
11	C13 20LB/OR (EXCEPT SRT)	A/C CLUTCH RELAY CONTROL
11	C13 18LB/OR (SRT)	A/C CLUTCH RELAY CONTROL
12	-	-
13	K344 18BR/GY (SRT)	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
14	Z114 20BK/LG (DIESEL)	GROUND
14	K173 18BR/VT (NGC)	CONDENSER FAN RELAY CONTROL
14	F102 18PK/DB (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
15	F202 20PK/GY (DIESEL)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
15	A16 16RD/BR (NGC)	FUSED B(+)
15	Z1 18BK (SRT)	GROUND
16	T515 20YL/DB (A/T EXCEPT SRT)	TRANSMISSION CONTROL RELAY CONTROL
16	T515 18YL/DB (SRT)	TRANSMISSION CONTROL RELAY CONTROL
17	C16 16DB/GY (EXCEPT 3.7L/4.7L BASE)	HEATED MIRROR RELAY OUTPUT
18	C3 20DB/YL (EXCEPT SRT)	A/C CLUTCH RELAY OUTPUT
18	C3 18DB/YL (SRT)	A/C CLUTCH RELAY OUTPUT
19	-	-
20	-	-
21	C110 20DB/LB (EXCEPT 3.7L/4.7L BASE)	DEFOGGER RELAY CONTROL
22	W4 16BR/OR (EXCEPT SRT)	WIPER RELAY HIGH SPEED OUTPUT
22	W4 14BR/OR (SRT)	WIPER RELAY HIGH SPEED OUTPUT
23	F100 20PK/VT (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
23	F100 18PK/VT (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
24	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
25	-	-
26	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)



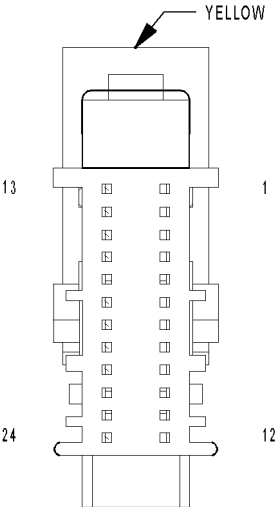
MODULE-INTEGRATED POWER C6 - 15 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	A400 14TN/RD (TRAILER TOW)	FUSED B(+)
3	-	-
4	K342 16BR/WT (GAS)	ASD RELAY OUTPUT
5	-	-
6	-	-
7	A109 16OR/RD (DIESEL)	FUEL PUMP RELAY OUTPUT
8	-	-
9	-	-
10	A961 14RD (DIESEL)	FUEL HEATER RELAY OUTPUT
10	C123 16LB/WT (NGC)	CONDENSER FAN RELAY OUTPUT
10	C7 10DB (SRT)	BLOWER MOTOR FEED
11	A960 14RD (DIESEL)	FUSED B(+)
11	A16 16RD/BR (NGC)	FUSED B(+)
11	A970 10RD (SRT)	FUSED B(+)
12	F982 14PK/YL (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
12	F982 12PK/YL (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
13	-	-
14	T16 18YL/OR (A/T)	TRANSMISSION CONTROL RELAY OUTPUT
15	-	-



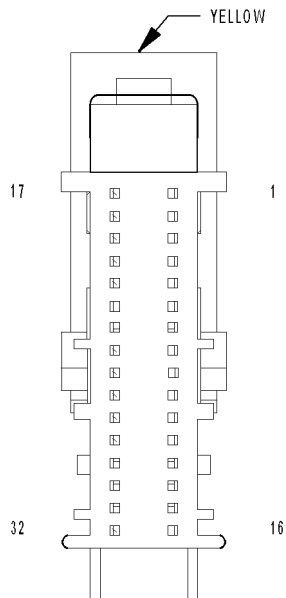
MODULE-INTEGRATED POWER C7 - 26 WAY

CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY (EXCEPT SRT)	STARTER MOTOR RELAY OUTPUT
1	F922 14PK/YL (SRT)	RUN RELAY OUTPUT
2	W3 16BR/WT (EXCEPT SRT)	WIPER RELAY LOW SPEED OUTPUT
2	W3 14BR/WT (SRT)	WIPER RELAY LOW SPEED OUTPUT
3	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	A930 18RD (EXCEPT 3.7L/4.7L BASE)	FUSED B(+)
5	-	-
6	L43 18WT/DB	LEFT LOW BEAM DRIVER
7	L34 18WT/GY	RIGHT HIGH BEAM DRIVER
8	-	-
9	A109 16OR/RD (GAS)	FUEL PUMP RELAY OUTPUT
10	-	-
11	K51 20BR/WT (NGC)	ASD RELAY CONTROL
11	K51 18BR/WT (SRT)	ASD RELAY CONTROL
12	K127 18BR/OR (SRT)	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
13	-	-
14	-	-
15	L33 18WT/LG	LEFT HIGH BEAM DRIVER
16	A72 18RD/OR (ADJUSTABLE PEDALS)	ADJUSTABLE PEDALS RELAY OUTPUT
17	C15 16DB/WT (EXCEPT 3.7L/4.7L BASE)	REAR WINDOW DEFOGGER RELAY OUTPUT
18	-	-
19	K31 20BR (NGC)	FUEL PUMP RELAY CONTROL
19	K31 18BR (SRT)	FUEL PUMP RELAY CONTROL
20	L89 18WT/YL (FOG LAMPS)	FOG LAMP RELAY OUTPUT
21	T751 16YL (EXCEPT SRT)	IGNITION SWITCH OUTPUT (START)
21	F102 18PK/DB (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
22	L44 18WT/TN	RIGHT LOW BEAM DRIVER
23	T41 20YL/DB (DIESEL)	TRS T41 SENSE
23	T752 20DG/OR (NGC)	STARTER MOTOR RELAY CONTROL
23	Z1 18BK (SRT)	GROUND
24	A944 20RD	FUSED B(+)
25	K343 16BR/YL (SRT)	FUSED ASD RELAY OUTPUT
26	-	-



MODULE-
OCCUPANT
RESTRAINT
CONTROLLER C1

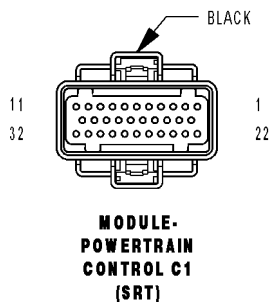
MODULE-OCCUPANT RESTRAINT CONTROLLER C1 - YELLOW 24 WAY		
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D25 20WT/VT	PCI BUS
4	-	-
5	Z104 18BK/LG	GROUND
6	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
7	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
8	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	R43 20LG/BR	DRIVER SQUIB 1 LINE 1
18	R45 20LG/OR	DRIVER SQUIB 1 LINE 2
19	R44 20LB/OR	PASSENGER SQUIB 1 LINE 2
20	R42 20LB/BR	PASSENGER SQUIB 1 LINE 1
21	R61 20LG/VT	DRIVER SQUIB 2 LINE 1
22	R63 20LG/WT	DRIVER SQUIB 2 LINE 2
23	R64 20LB/WT	PASSENGER SQUIB 2 LINE 1
24	R62 20LB/VT	PASSENGER SQUIB 2 LINE 2



**MODULE-
OCCUPANT
RESTRAINT
CONTROLLER C2**

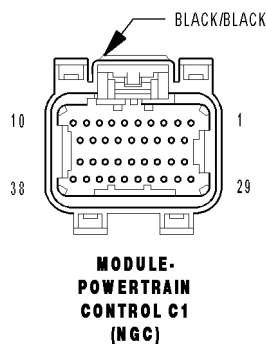
MODULE-OCCUPANT RESTRAINT CONTROLLER C2 - YELLOW 32 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2
10	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
11	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1
12	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2
13	R1 18LB/WT	LEFT CURTAIN SQUIB 1 LINE 2
14	R3 18LB/OR	LEFT CURTAIN SQUIB 1 LINE 1
15	R4 18OR/LB	RIGHT CURTAIN SQUIB 1 LINE 1
16	R2 18WT/LB	RIGHT CURTAIN SQUIB 1 LINE 2
17	F201 18PK/OR (EXCEPT SRT QUAD CAB)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
17	F201 20PK/OR (SRT QUAD CAB)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	F100 18PK/VT (EXCEPT SRT QUAD CAB)	FUSED IGNITION SWITCH OUTPUT (RUN)
18	F100 20PK/VT (SRT QUAD CAB)	FUSED IGNITION SWITCH OUTPUT (RUN)
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	R14 20TN/LG	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
28	R16 20BR/LG	RIGHT SIDE IMPACT SENSOR 1 GROUND
29	R15 20LG/BR	LEFT SIDE IMPACT SENSOR 1 GROUND
30	R13 20LG/TN	LEFT SIDE IMPACT SENSOR 1 SIGNAL
31	-	-
32	-	-



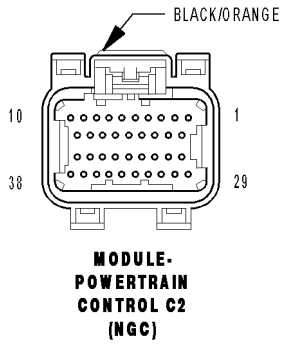
MODULE-POWERTRAIN CONTROL C1 (SRT) - BLACK 32 WAY

CAV	CIRCUIT	FUNCTION
1	K133 18DB/WT	COIL CONTROL NO. 4
2	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	K18 18DB/OR	COIL CONTROL NO. 3
4	K900 18DB/DG	SENSOR GROUND
5	K134 18DB/YL	COIL CONTROL NO. 5
6	T41 18YL/DB (A/T)	PARK NEUTRAL POSITION SWITCH SENSE (T41)
7	K19 18DB/DG	COIL CONTROL NO. 1
8	K24 18BR/LB	CKP SIGNAL
9	K17 18DB/TN	COIL CONTROL NO. 2
10	K60 18VT/DG	IDLE AIR CONTROL NO. 2 DRIVER
11	K40 18BR/LG	IDLE AIR CONTROL NO. 1 DRIVER
12	-	-
13	-	-
14	-	-
15	K21 18DB/LG	IAT SIGNAL
16	K2 18VT/OR	ECT SIGNAL
17	F855 18PK/YL	5 VOLT SUPPLY
18	K44 18DB/GY	CMP SIGNAL
19	K39 18VT/LG	IDLE AIR CONTROL NO. 3 DRIVER
20	K59 18BR/DG	IDLE AIR CONTROL NO. 4 DRIVER
21	-	-
22	A919 16RD	FUSED B(+)
23	K22 18BR/OR	THROTTLE POSITION SENSOR SIGNAL
24	K41 18DB/LB	O2 1/1 SIGNAL
25	K141 18DB/YL	O2 1/2 SIGNAL
26	K43 18DB/LG	O2 2/1 SIGNAL
27	K1 18VT/BR	MAP SENSOR SIGNAL
28	-	-
29	K243 18BR	O2 2/2 SIGNAL
30	-	-
31	Z130 16BK/BR	GROUND
32	Z131 16BK/DG	GROUND



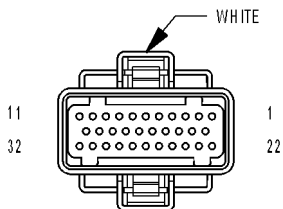
MODULE-POWERTRAIN CONTROL C1 (NGC) - BLACK/BLACK 38 WAY

CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL (EXCEPT 3.7L)	COIL CONTROL NO. 8
2	-	-
3	K97 18DB/YL (4.7L)	COIL CONTROL NO. 7
3	K97 18BR (5.7L)	COIL CONTROL NO. 7
4	K28 18BR/LB (EXCEPT 3.7L)	INJECTOR CONTROL NO. 8
5	K26 18BR/YL (EXCEPT 3.7L)	INJECTOR CONTROL NO. 7
6	-	-
7	-	-
8	B222 20DG/WT (5.7L)	VEHICLE SPEED SIGNAL NO. 2
9	Z130 16BK/BR	GROUND
10	-	-
11	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	F1 16PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
13	B22 20DG/YL	VEHICLE SPEED SIGNAL NO. 1
14	-	-
15	-	-
16	-	-
17	-	-
18	Z131 16BK/DG	GROUND
19	-	-
20	G6 18VT/GY	OIL PRESSURE SIGNAL
21	C918 18BK/LB	A/C PRESSURE SIGNAL
22	G31 18VT/LG	AAT SIGNAL
23	-	-
24	-	-
25	D20 18WT/LG (3.7L/4.7L)	SCI RECEIVE (PCM)
25	D20 20WT/LG (5.7L)	SCI RECEIVE (PCM)
26	D16 18WT/OR (EXCEPT 3.7L/4.7L A/T)	SCI RECEIVE (TCM)
27	F856 18YL/PK	5 VOLT SUPPLY
28	-	-
29	A919 20RD	FUSED B(+)
30	T751 16YL	IGNITION SWITCH OUTPUT (START)
31	K141 18DB/YL	O2 1/2 SIGNAL
32	K902 18BR/DG	O2 RETURN (UP)
33	K243 18BR	O2 2/2 SIGNAL
34	-	-
35	-	-
36	D21 18WT/BR (3.7L/4.7L)	SCI TRANSMIT (PCM)
36	D21 20WT/BR (5.7L)	SCI TRANSMIT (PCM)
37	D15 18WT/DG (EXCEPT 3.7L/4.7L M/T)	SCI TRANSMIT (TCM)
38	D25 20WT/VT	PCI BUS



MODULE-POWERTRAIN CONTROL C2 (NGC) - BLACK/ORANGE 38 WAY

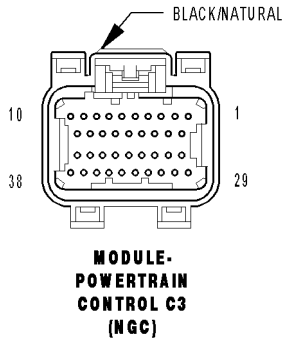
CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K16 18DB/YL	COIL CONTROL NO. 5
3	K15 18DB/GY	COIL CONTROL NO. 4
4	K58 18BR/VT	INJECTOR CONTROL NO. 6
5	K38 18BR/OR	INJECTOR CONTROL NO. 5
6	K447 18TN/YL (5.7L)	ETC MOTOR (+)
7	K18 18DB/OR	COIL CONTROL NO. 3
8	K35 18DB/VT (4.7L/5.7L LD)	EGR SOL CONTROL
9	K17 18DB/TN	COIL CONTROL NO. 2
10	K19 18DB/DG	COIL CONTROL NO. 1
11	K14 18BR/TN	INJECTOR CONTROL NO. 4
12	K13 18BR/LB	INJECTOR CONTROL NO. 3
13	K12 18BR/DB	INJECTOR CONTROL NO. 2
14	K11 18BR/YL	INJECTOR CONTROL NO. 1
15	K922 18BR/DB (5.7L)	TP SENSOR RETURN
16	-	-
17	K199 18BR/VT	O2 2/1 HEATER CONTROL
18	K99 18BR/LG	O2 1/1 HEATER CONTROL
19	K20 18BR/GY	GEN FIELD CONTROL
20	K2 18VT/OR	ECT SIGNAL
21	K22 18BR/OR	TP NO. 1 SIGNAL
22	K34 18DB/LG (4.7L/5.7L LD)	EGR SIGNAL
23	K1 18VT/BR	MAP SIGNAL
24	K942 18BR/LG (EXCEPT 4.7L)	KNOCK SENSOR NO. 1 RETURN
25	K42 18DB/YL (EXCEPT 4.7L)	KNOCK SENSOR NO. 1 SIGNAL
26	-	-
27	K900 18DB/DG	SENSOR GROUND
28	K122 18BR/DG (5.7L)	TP NO. 2 SIGNAL
28	K961 18BR/VT (EXCEPT 5.7L)	IAC SIGNAL
29	F855 18PK/YL	5 VOLT SUPPLY
30	K21 18DB/LG	IAT SIGNAL
31	K41 18DB/LB	O2 1/1 SIGNAL
32	K904 18DB/DG	O2 RETURN (DOWN)
33	K43 18DB/LG	O2 2/1 SIGNAL
34	K44 20DB/GY	CMP SIGNAL
35	K24 20BR/LB	CKP SIGNAL
36	K242 18BR/WT	KNOCK SENSOR NO. 2 SIGNAL
37	K924 18WT/BR	KNOCK SENSOR NO. 2 RETURN
38	K448 18TN/OR (5.7L)	ETC MOTOR (-)
38	K61 18VT/GY (EXCEPT 5.7L)	IAC CONTROL



**MODULE-
POWERTRAIN
CONTROL C2
(SRT)**

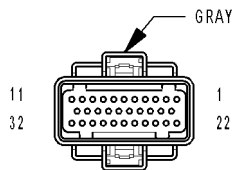
MODULE-POWERTRAIN CONTROL C2 (SRT) - WHITE 32 WAY

CAV	CIRCUIT	FUNCTION
1	T54 18DG/OR (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
2	K26 18BR/YL	INJECTOR CONTROL NO. 7
3	K115 18BR	INJECTOR CONTROL NO. 9
4	K11 18BR/YL	INJECTOR CONTROL NO. 1
5	K13 18BR/LB	INJECTOR CONTROL NO. 3
6	K38 18BR/OR	INJECTOR CONTROL NO. 5
7	-	-
8	T118 18DG (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
9	-	-
10	K20 18BR/GY	GEN FIELD CONTROL
11	T75 18YL/LB (A/T)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
12	K58 18BR/VT	INJECTOR CONTROL NO. 6
13	K28 18BR/LB	INJECTOR CONTROL NO. 8
14	K116 18BR/WT	INJECTOR CONTROL NO. 10
15	K12 18BR/DB	INJECTOR CONTROL NO. 2
16	K14 18BR/TN	INJECTOR CONTROL NO. 4
17	C240 18LB/TN	HYDRAULIC COOLING CONTROL FEED
18	-	-
19	C918 18BK/LB	A/C PRESSURE SIGNAL
20	-	-
21	T9 18DG/TN (A/T)	3-4 SOLENOID CONTROL
21	K333 18DB/LB (M/T)	SOLENOID REVERSE LOCKOUT FEED
22	-	-
23	G6 18VT/GY	OIL PRESSURE SIGNAL
24	-	-
25	T13 18DG/VT (A/T)	SPEED SENSOR GROUND
26	-	-
27	B22 18DG/YL	VEHICLE SPEED SIGNAL NO. 1
28	T14 18DG/BR (A/T)	OUTPUT SPEED SENSOR SIGNAL
29	T38 18YL/BR (A/T)	GOVERNOR PRESSURE SENSOR SIGNAL
30	T515 18YL/DB (A/T)	TRANSMISSION CONTROL RELAY CONTROL
31	F856 18YL/PK	5 VOLT SUPPLY
32	-	-



MODULE-POWERTRAIN CONTROL C3 (NGC) - BLACK/NATURAL 38 WAY

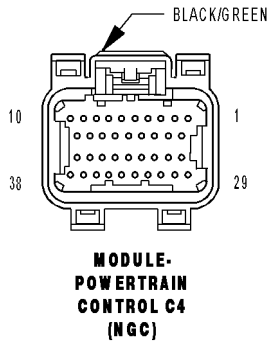
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K51 20BR/WT	ASD RELAY CONTROL
4	-	-
5	V35 20VT/OR (3.7L/4.7L)	S/C VENT SOL CONTROL
6	K173 18BR/VT	CONDENSER FAN RELAY CONTROL
7	V32 20VT/YL (3.7L/4.7L)	SPEED CONTROL SUPPLY
8	K106 18VT/LB	NVLD SOL CONTROL
9	K299 18BR/WT	O2 1/2 HEATER CONTROL
10	K399 18BR/GY	O2 2/2 HEATER CONTROL
11	C13 20LB/OR	A/C CLUTCH RELAY CONTROL
12	V36 20VT/YL (3.7L/4.7L)	S/C VACUUM SOL CONTROL
13	-	-
14	V32 20VT/YL (5.7L)	BRAKE SWITCH NO. 2 SIGNAL
15	V937 20VT/BR (5.7L)	S/C SWITCH RETURN
16	K167 20BR/YL (5.7L)	APPS NO. 1 RETURN
17	K400 20BR/VT (5.7L)	APPS NO. 2 RETURN
18	V38 20VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
19	K342 16BR/WT	ASD RELAY OUTPUT
20	K52 18DB/WT	EVAP PURGE SOL CONTROL
21	T41 20YL/DB	TRS T41 SENSE
22	G113 18VT (EXCEPT 3.7L/4.7L BASE)	PTO SWITCH SENSE
23	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
24	-	-
25	K23 20BR/WT (5.7L)	APPS NO. 1 SIGNAL
26	-	-
27	-	-
28	K342 16BR/WT	ASD RELAY OUTPUT
29	K70 18DB/BR	EVAP PURGE SOL SIGNAL
30	K66 18DB/WT (5.7L)	P/S SWITCH SIGNAL
31	-	-
32	K25 18DB/VT	BATT TEMP SIGNAL
33	N4 20DB/WT	FUEL LEVEL SENSOR SIGNAL
34	V37 20VT	S/C SWITCH NO. 1 SIGNAL
35	K107 18VT/WT	NVLD SWITCH SIGNAL
36	K29 20WT/BR (5.7L)	APPS NO. 2 SIGNAL
37	K31 20BR	FUEL PUMP RELAY CONTROL
38	T752 20DG/OR	STARTER RELAY CONTROL



**MODULE-
POWERTRAIN
CONTROL C3
(SRT)**

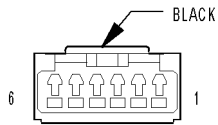
MODULE-POWERTRAIN CONTROL C3 (SRT) - GRAY 32 WAY

CAV	CIRCUIT	FUNCTION
1	C13 18LB/OR	A/C CLUTCH RELAY CONTROL
2	-	-
3	K51 18BR/WT	ASD RELAY CONTROL
4	V36 18VT/YL	S/C VACUUM SOL CONTROL
5	V35 18VT/OR	S/C VENT SOL CONTROL
6	-	-
7	K42 18DB/YL	KNOCK SENSOR NO. 1 SIGNAL
8	K99 18BR/LG	O2 1/1 HEATER CONTROL
9	K127 18BR/OR	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
10	K106 18VT/LB	LEAK DETECTION PUMP SOLENOID CONTROL
11	V32 18VT/YL	SPEED CONTROL SUPPLY
12	K342 16BR/WT	ASD RELAY OUTPUT
13	T6 18DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
14	K107 18VT/WT	LEAK DETECTION PUMP SWITCH SENSE
15	K25 18DB/VT	BATT TEMP SIGNAL
16	K199 18BR/VT	O2 2/1 HEATER CONTROL
17	-	-
18	K242 18BR/WT	KNOCK SENSOR NO. 2 SIGNAL
19	K31 18BR	FUEL PUMP RELAY CONTROL
20	K70 18DB/BR	EVAP PURGE RETURN
21	-	-
22	-	-
23	-	-
24	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
25	K125 18BR/DG	GENERATOR SOURCE
26	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
27	D21 18WT/BR	SCI TRANSMIT (PCM)
28	-	-
29	D20 18WT/LG	SCI RECEIVE (PCM)
30	D25 18WT/VT	PCI BUS
31	-	-
32	V37 18VT	S/C SWITCH NO. 1 SIGNAL



MODULE-POWERTRAIN CONTROL C4 (NGC) - BLACK/GREEN 38 WAY

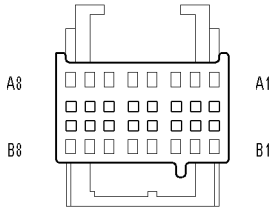
CAV	CIRCUIT	FUNCTION
1	T60 18YL/GY	OD SOLENOID CONTROL
2	T259 18YL/DG	4C SOLENOID CONTROL
3	-	-
4	T140 18DG	MS SOLENOID CONTROL
5	-	-
6	T219 18YL/LG	2C SOLENOID CONTROL
7	-	-
8	T59 18YL/LB	UD SOLENOID CONTROL
9	-	-
10	T20 18DG/WT	L/R SOLENOID CONTROL
11	T118 YL/VT (3.7L/4.7L)	PRESSURE CONTROL SOLENOID CONTROL
11	T118 18YL/GY (5.7L)	PRESSURE CONTROL SOLENOID CONTROL
12	Z908 18BK	GROUND
13	Z977 18BK	GROUND
14	Z904 18BK	GROUND
15	T1 18DG/LB	TRS T1 SENSE
16	T3 18DG/DB	TRS T3 SENSE
17	T6 18DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
18	T515 20YL/DB	TRANSMISSION CONTROL RELAY CONTROL
19	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
20	T48 18BR/YL	4C PRESSURE SWITCH SENSE
21	T29 18YL/WT	UD PRESSURE SWITCH SENSE
22	T9 18DG/TN	OD PRESSURE SWITCH SENSE
23	-	-
24	-	-
25	-	-
26	T4 18DG/VT (3.7L/4.7L)	TRS T2 SENSE
26	T4 18DG/LB (5.7L)	TRS T2 SENSE
27	-	-
28	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
29	T50 18YL/TN	L/R PRESSURE SWITCH SENSE
30	T147 18DG/LG (3.7L/4.7L)	2C PRESSURE SWITCH SENSE
30	T147 18DG/YL (5.7L)	2C PRESSURE SWITCH SENSE
31	T38 18YL/BR	LINE PRESSURE SENSOR SIGNAL
32	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
33	T52 18DG/OR	INPUT SPEED SENSOR SIGNAL
34	T13 18DG/VT	SPEED SENSOR GROUND
35	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
36	-	-
37	T42 18DG/YL	TRS T42 SENSE
38	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT



**MODULE-
SENTRY KEY
IMMOBILIZER
(SKIM)**

MODULE-SENTRY KEY IMMOBILIZER (SKIM) - BLACK 6 WAY

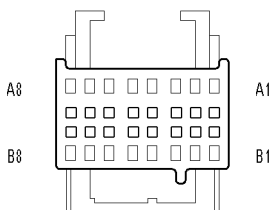
CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	Z120 20BK/WT	GROUND
6	A919 20RD	FUSED B(+)



**MODULE-
TRANSFER CASE
CONTROL C1
(ELECTRIC 4x4)**

MODULE-TRANSFER CASE CONTROL C1 (ELECTRIC 4x4) - 16 WAY

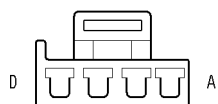
CAV	CIRCUIT	FUNCTION
A1	D25 20VT/DB	PCI BUS
A2	-	-
A3	-	-
A4	G92 20VT/OR	4WD LOW INDICATOR
A5	G91 20VT/WT	4WD HIGH INDICATOR
A6	K977 20BR/WT	MODE SELECT
A7	T885 20YL/GY	MODE SENSOR GROUND
A8	Z905 18BK	GROUND
B1	-	-
B2	-	-
B3	-	-
B4	G95 20VT/BR	NEUTRAL INDICATOR
B5	G2 20BR/WT	2WD/AWD INDICATOR
B6	D200 20WT/LG	MODE SENSOR D
B7	-	-
B8	Z905 20BK	GROUND



**MODULE-
TRANSFER CASE
CONTROL C2
(ELECTRIC 4x4)**

MODULE-TRANSFER CASE CONTROL C2 (ELECTRIC 4x4) - 16 WAY

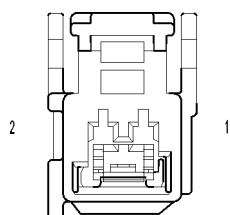
CAV	CIRCUIT	FUNCTION
A1	D202 20WT/VT	MODE SENSOR B
A2	D201 20WT/DG	MODE SENSOR A
A3	-	-
A4	-	-
A5	-	-
A6	T41 20YL/DB (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
A6	T41 20YL/DB (M/T)	TRS T41 SENSE
A7	-	-
A8	T313 20YL/LG	5 VOLT MODE SENSOR SUPPLY
B1	-	-
B2	D203 20WT/BR	MODE SENSOR C
B3	-	-
B4	-	-
B5	-	-
B6	-	-
B7	-	-
B8	T322 20DG/GY	5 VOLT SELECTOR SWITCH SUPPLY



**MODULE-
TRANSFER CASE
CONTROL C3
(ELECTRIC 4x4)**

MODULE-TRANSFER CASE CONTROL C3 (ELECTRIC 4x4) - 4 WAY

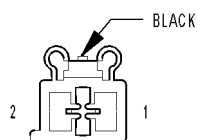
CAV	CIRCUIT	FUNCTION
A	Z905 16BK	GROUND
B	A34 16RD/WT	FUSED B(+)
C	T315 16YL/BR	SHIFT MOTOR CONTROL A
D	T316 16YL/GY	SHIFT MOTOR CONTROL B



**MOTOR-
ADJUSTABLE
PEDALS
(EXCEPT BASE)**

MOTOR-ADJUSTABLE PEDALS (EXCEPT BASE) - 2 WAY

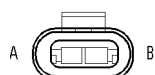
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REARWARD
2	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



**MOTOR-
BLOWER**

MOTOR-BLOWER - BLACK 2 WAY

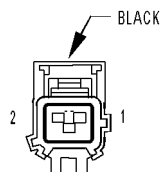
CAV	CIRCUIT	FUNCTION
1	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER
2	C7 10DB	BLOWER MOTOR FEED



**MOTOR-
CONDENSER FAN
(NGC)**

MOTOR-CONDENSER FAN (NGC) - BLACK 2 WAY

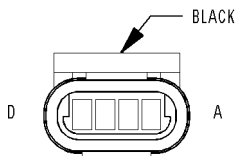
CAV	CIRCUIT	FUNCTION
A	Z823 16BK/DG	GROUND
B	C123 16LB/WT	CONDENSER FAN RELAY OUTPUT



**MOTOR-IAC
(3.7L/4.7L)**

MOTOR-IAC (3.7L/4.7L) - BLACK 2 WAY

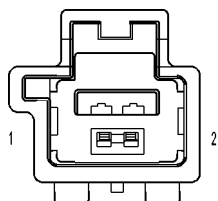
CAV	CIRCUIT	FUNCTION
1	K961 18BR/VT	IAC SIGNAL
2	K61 18VT/GY	IAC CONTROL



**MOTOR-IAC
(SRT)**

MOTOR-IAC (SRT) - BLACK 4 WAY

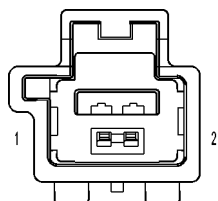
CAV	CIRCUIT	FUNCTION
A	K59 18BR/DG	IDLE AIR CONTROL NO. 4 DRIVER
B	K40 18BR/LG	IDLE AIR CONTROL NO. 1 DRIVER
C	K60 18VT/DG	IDLE AIR CONTROL NO. 2 DRIVER
D	K39 18VT/LG	IDLE AIR CONTROL NO. 3 DRIVER



MOTOR-LUMBAR-DRIVER

MOTOR-LUMBAR-DRIVER - 2 WAY

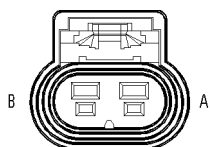
CAV	CIRCUIT	FUNCTION
1	P105 12LG	DRIVER SEAT LUMBAR MOTOR FORWARD DRIVER
2	P107 12LG/WT	DRIVER SEAT LUMBAR MOTOR REARWARD DRIVER



MOTOR-LUMBAR-PASSENGER

MOTOR-LUMBAR-PASSENGER - 2 WAY

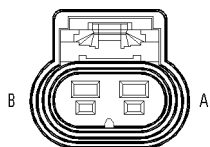
CAV	CIRCUIT	FUNCTION
1	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
2	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER



MOTOR-POWER WINDOW-DRIVER

MOTOR-POWER WINDOW-DRIVER - 2 WAY

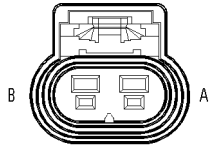
CAV	CIRCUIT	FUNCTION
A	Q21 14OR/WT	LEFT FRONT WINDOW DRIVER (DOWN)
B	Q11 14OR/LG	LEFT FRONT WINDOW DRIVER (UP)



MOTOR-POWER WINDOW-LEFT REAR

MOTOR-POWER WINDOW-LEFT REAR - 2 WAY

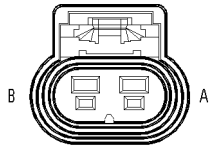
CAV	CIRCUIT	FUNCTION
A	Q211 14TN/LB	DRIVER REAR WINDOW DRIVER (DOWN)
B	Q111 14TN/YL	DRIVER REAR WINDOW DRIVER (UP)



**MOTOR-
POWER WINDOW-
PASSENGER**

MOTOR-POWER WINDOW-PASSENGER - 2 WAY

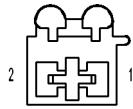
CAV	CIRCUIT	FUNCTION
A	Q22 14OR/VT	RIGHT FRONT WINDOW DRIVER (DOWN)
B	Q12 14OR/BR	RIGHT FRONT WINDOW DRIVER (UP)



**MOTOR-
POWER WINDOW-
RIGHT REAR**

MOTOR-POWER WINDOW-RIGHT REAR - 2 WAY

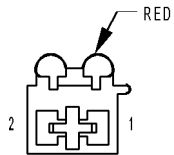
CAV	CIRCUIT	FUNCTION
A	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
B	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)



**MOTOR-
SEAT ADJUSTER-
DRIVER HORIZONTAL**

MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL - 2 WAY

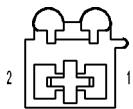
CAV	CIRCUIT	FUNCTION
1	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
2	P15 12LG/BR	DRIVER SEAT HORIZONTAL FORWARD DRIVER



**MOTOR-
SEAT ADJUSTER-
FRONT DRIVER
VERTICAL**

MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL - RED 2 WAY

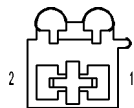
CAV	CIRCUIT	FUNCTION
1	P21 12LG/TN (EXCEPT SRT)	DRIVER SEAT FRONT DOWN DRIVER
1	P19 12LG/LB (SRT)	DRIVER SEAT FRONT UP DRIVER
2	P19 12LG/LB (EXCEPT SRT)	DRIVER SEAT FRONT UP DRIVER
2	P21 12LG/TN (SRT)	DRIVER SEAT FRONT DOWN DRIVER



**MOTOR-
SEAT ADJUSTER-
FRONT PASSENGER
VERTICAL**

MOTOR-SEAT ADJUSTER-FRONT PASSENGER VERTICAL - 2 WAY

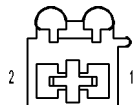
CAV	CIRCUIT	FUNCTION
1	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
2	P18 12LG/DG	PASSENGER SEAT FRONT DOWN DRIVER



**MOTOR-
SEAT ADJUSTER-
PASSENGER
HORIZONTAL**

MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL - 2 WAY

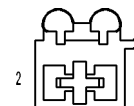
CAV	CIRCUIT	FUNCTION
1	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
2	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER



**MOTOR-
SEAT ADJUSTER-
REAR DRIVER
VERTICAL**

MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL - 2 WAY

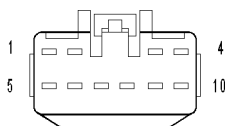
CAV	CIRCUIT	FUNCTION
1	P13 12LG/OR (EXCEPT SRT)	DRIVER SEAT REAR DOWN DRIVER
1	P11 12LG/YL (SRT)	DRIVER SEAT REAR UP DRIVER
2	P11 12LG/YL (EXCEPT SRT)	DRIVER SEAT REAR UP DRIVER
2	P13 12LG/OR (SRT)	DRIVER SEAT REAR DOWN DRIVER



**MOTOR-
SEAT ADJUSTER-
REAR PASSENGER
VERTICAL**

MOTOR-SEAT ADJUSTER-REAR PASSENGER VERTICAL - 2 WAY

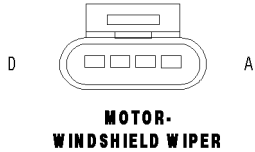
CAV	CIRCUIT	FUNCTION
1	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER
2	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER



**MOTOR-
SUNROOF**

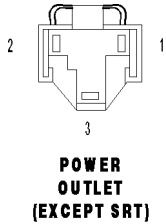
MOTOR-SUNROOF - 10 WAY

CAV	CIRCUIT	FUNCTION
1	Q6 20OR/LG	SUNROOF SWITCH SUPPLY
2	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	A310 14RD/LB	FUSED B(+)
4	Q5 20OR/LB	SUNROOF CLOSE SWITCH SENSE
5	Z964 14BK	GROUND
6	-	-
7	-	-
8	Q3 20OR/TN	SUNROOF OPEN SWITCH SENSE
9	Q4 20OR/YL	SUNROOF VENT SWITCH SENSE
10	-	-



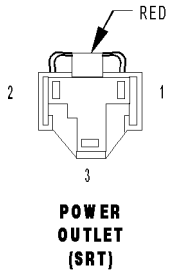
MOTOR-WINDSHIELD WIPER - 4 WAY

CAV	CIRCUIT	FUNCTION
A	W4 16BR/OR (EXCEPT SRT)	WIPER RELAY HIGH SPEED OUTPUT
A	W4 14 BR/OR (SRT)	WIPER RELAY HIGH SPEED OUTPUT
B	W3 16BR/WT (EXCEPT SRT)	WIPER RELAY LOW SPEED OUTPUT
B	W3 14 BR/WT (SRT)	WIPER RELAY LOW SPEED OUTPUT
C	Z103 18BK/WT	GROUND
D	W7 20BR/GY	WIPER PARK SWITCH SENSE



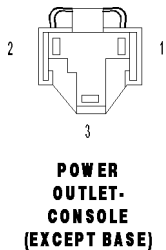
POWER OUTLET (EXCEPT SRT) - 3 WAY

CAV	CIRCUIT	FUNCTION
1	A205 18RD/OR	FUSED B(+)
2	-	-
3	Z737 18BK/LB	GROUND



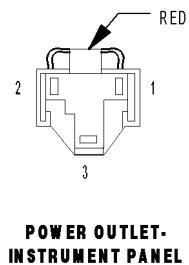
POWER OUTLET (SRT) - RED 3 WAY

CAV	CIRCUIT	FUNCTION
1	A205 18RD/OR	FUSED B(+)
2	-	-
3	Z737 18BK/LB	GROUND



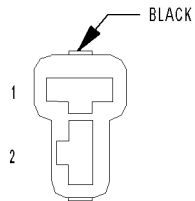
POWER OUTLET-CONSOLE (EXCEPT BASE) - 3 WAY

CAV	CIRCUIT	FUNCTION
1	A405 18RD/DB	FUSED B(+)
2	-	-
3	Z939 18BK	GROUND



POWER OUTLET-INSTRUMENT PANEL - RED 3 WAY

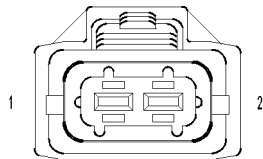
CAV	CIRCUIT	FUNCTION
1	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	Z736 18BK/YL	GROUND



POWER OUTLET-REAR (SRT) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z737 18BK/LB	GROUND
2	F984 16PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)

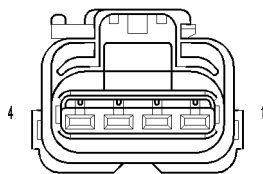
**POWER OUTLET-
REAR
(SRT)**



PUMP-FUEL INJECTION (DIESEL) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	K31 18BR	FUEL PUMP RELAY CONTROL
2	K65 18BR/LB	FUEL PUMP RELAY RETURN

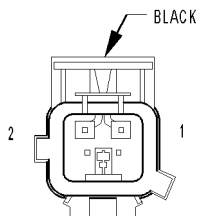
**PUMP-
FUEL INJECTION
(DIESEL)**



PUMP-LEAK DETECTION (SRT) - 4 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	K125 18BR/DG	GENERATOR SOURCE
3	K106 18VT/LB	LEAK DETECTION PUMP SOLENOID CONTROL
4	K107 18VT/WT	LEAK DETECTION PUMP SWITCH SENSE

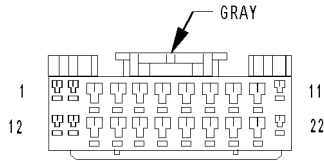
**PUMP-
LEAK DETECTION
(SRT)**



PUMP-WASHER-WINDSHIELD - BLACK 2 WAY

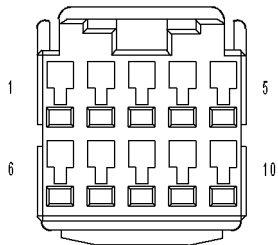
CAV	CIRCUIT	FUNCTION
1	Z945 20BK	GROUND
2	W10 20BR	WASHER PUMP MOTOR CONTROL

**PUMP-
WASHER-
WINDSHIELD**

**RADIO C1**

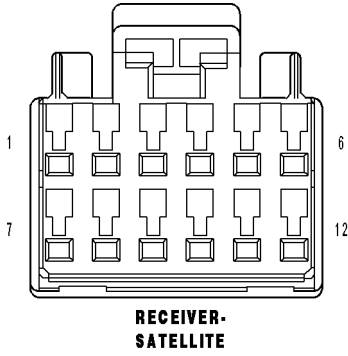
RADIO C1 - GRAY 22 WAY

CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	E14 20OR/TN	PANEL LAMPS DRIVER
4	-	-
5	-	-
6	-	-
7	X154 18GY/YL (BASE)	RIGHT FRONT DOOR SPEAKER (+)
8	X156 18GY/LB (BASE)	RIGHT FRONT DOOR SPEAKER (-)
9	X155 18DG/LB (BASE)	LEFT FRONT DOOR SPEAKER (-)
10	X153 18DG/YL (BASE)	LEFT FRONT DOOR SPEAKER (+)
11	Z514 18BK/LG	GROUND
12	A114 18GY/RD	FUSED B(+)
13	-	-
14	D25 20WT/VT	PCI BUS
15	-	-
16	-	-
17	-	-
18	X205 18GY/LG (BASE)	LEFT REAR SPEAKER (+)
18	X51 20DG/DB (PREMIUM)	LEFT REAR SPEAKER (+)
19	X295 18GY/DG (BASE)	LEFT REAR SPEAKER (-)
19	X57 20DG/OR (PREMIUM)	LEFT REAR SPEAKER (-)
20	X296 18DG/GY (BASE)	RIGHT REAR SPEAKER (-)
20	X58 20GY/OR (PREMIUM)	RIGHT REAR SPEAKER (-)
21	X206 18DG/LG (BASE)	RIGHT REAR SPEAKER (+)
21	X52 20GY/DB (PREMIUM)	RIGHT REAR SPEAKER (+)
22	Z515 18BK	GROUND

**RADIO C2**

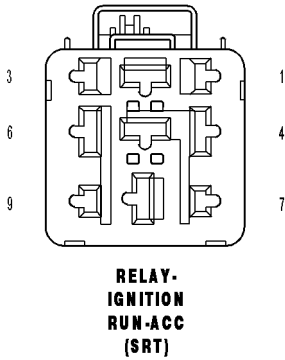
RADIO C2 - 10 WAY

CAV	CIRCUIT	FUNCTION
1	X16 18DG/YL (EXCEPT HANDS FREE)	AUDIO SIGNAL RIGHT (+)
1	X704 18DG/YL (HANDS FREE)	RIGHT AUDIO OUTPUT
2	X917 18DG (EXCEPT HANDS FREE)	AUDIO SIGNAL COMMON
2	X795 18DG (HANDS FREE)	COMMON AUDIO OUTPUT
3	-	-
4	D25 20WT/VT (EXCEPT HANDS FREE)	PCI BUS
5	X211 18YL/GY (SATELLITE RADIO)	IGNITION RUN-ACC SIGNAL
6	X17 18DG/OR (EXCEPT HANDS FREE)	AUDIO SIGNAL LEFT (+)
6	X703 18DG/OR (HANDS FREE)	LEFT AUDIO OUTPUT
7	Z966 18BK (EXCEPT SRT)	GROUND
7	Z909 18BK (SRT)	GROUND
8	D112 18WT/OR	SDAR BUS
9	-	-
10	X160 18GY/YL (EXCEPT BASE AUDIO)	FUSED B(+)



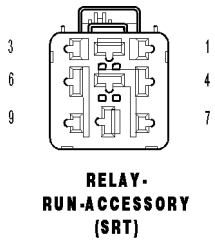
RECEIVER-SATELLITE - 12 WAY

CAV	CIRCUIT	FUNCTION
1	X160 18GY/YL (QUAD CAB)	FUSED B(+)
1	X160 20GY/YL (STANDARD CAB)	FUSED B(+)
2	X211 18YL/GY (QUAD CAB)	IGNITION RUN-ACC SIGNAL
2	X211 20YL/GY (STANDARD CAB)	IGNITION RUN-ACC SIGNAL
3	Z966 18BK (EXCEPT SRT QUAD CAB)	GROUND
3	Z909 18BK (SRT QUAD CAB)	GROUND
3	Z966 20BK (STANDARD CAB)	GROUND
4	-	-
5	-	-
6	X17 18DG/OR (QUAD CAB)	AUDIO SIGNAL LEFT (+)
6	X17 20DG/OR (STANDARD CAB)	AUDIO SIGNAL LEFT (+)
7	D25 20WT/VT	PCI BUS
8	-	-
9	D112 18WT/OR (QUAD CAB)	SDAR BUS
9	D112 20GY/YL (STANDARD CAB)	SDAR BUS
10	-	-
11	X917 18DG (QUAD CAB)	AUDIO SIGNAL COMMON
11	X917 18DG (STANDARD CAB)	AUDIO SIGNAL COMMON
12	X16 18DG/YL (QUAD CAB)	AUDIO SIGNAL RIGHT (+)
12	X16 20DG/YL (STANDARD CAB)	AUDIO SIGNAL RIGHT (+)



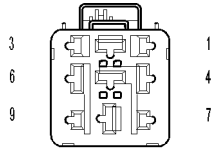
RELAY-IGNITION RUN-ACC (SRT) - 9 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-
4	Z1 18BK	GROUND
5	-	-
6	F988C 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	-	-
8	A310 10RD/LB	FUSED B(+)
9	-	-



RELAY-RUN-ACCESSORY (SRT) - 9 WAY

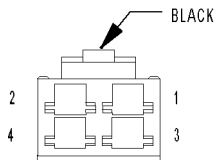
CAV	CIRCUIT	FUNCTION
1	-	-
2	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-
4	Z1 18BK	GROUND
5	-	-
6	F988 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	-	-
8	A310 10RD/LB	FUSED B(+)
9	-	-



**RELAY-
STARTER
(SRT)**

RELAY-STARTER (SRT) - 9 WAY

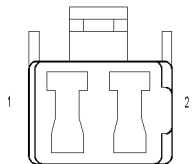
CAV	CIRCUIT	FUNCTION
1	-	-
2	T40 12YL/GY	STARTER SOLENOID FEED
3	-	-
4	T41 18YL/DB	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
5	F982 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	T141 16YL/OR	MANUAL CLUTCH INTERLOCK START FEED
7	-	-
8	F985 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	-	-



**RESISTOR BLOCK-
BLOWER MOTOR**

RESISTOR BLOCK-BLOWER MOTOR - BLACK 4 WAY

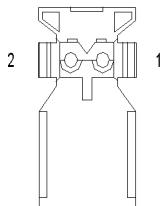
CAV	CIRCUIT	FUNCTION
1	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
2	C70 12DB/YL	BLOWER MOTOR HIGH DRIVER
3	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
4	C73 14DB/VT	BLOWER MOTOR M2 DRIVER



**SEAT BELT-
TENSION
REDUCER-
DRIVER
(STANDARD CAB)**

SEAT BELT-TENSION REDUCER-DRIVER (STANDARD CAB) - 2 WAY

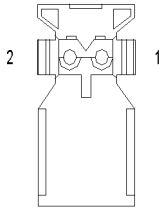
CAV	CIRCUIT	FUNCTION
1	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	G10 20VT/LG	SEAT BELT SWITCH SENSE



**SEAT BELT-
TENSIONER-
DRIVER**

SEAT BELT-TENSIONER-DRIVER - 2 WAY

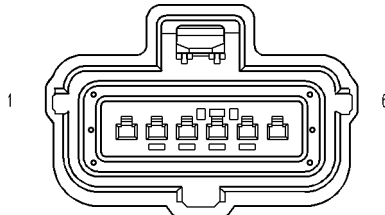
CAV	CIRCUIT	FUNCTION
1	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
2	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2



SEAT BELT-TENSIONER-PASSENGER

SEAT BELT-TENSIONER-PASSENGER - 2 WAY

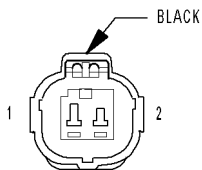
CAV	CIRCUIT	FUNCTION
1	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2
2	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1



SENSOR-ACCELERATOR PEDAL POSITION (5.7L ETC)

SENSOR-ACCELERATOR PEDAL POSITION (5.7L ETC) - 6 WAY

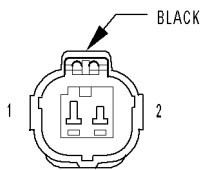
CAV	CIRCUIT	FUNCTION
1	F856 20YL/PK	5 VOLT SUPPLY
2	K29 20WT/BR	APPS NO. 2 SIGNAL
3	K400 20BR/VT	APPS NO. 2 RETURN
4	K167 20BR/YL	APPS NO. 1 RETURN
5	K23 20BR/WT	APPS NO. 1 SIGNAL
6	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-AMBIENT AIR TEMPERATURE

SENSOR-AMBIENT AIR TEMPERATURE - BLACK 2 WAY

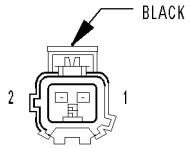
CAV	CIRCUIT	FUNCTION
1	G31 20VT/LG	AAT SIGNAL
2	G180 20VT/YL (EXCEPT NGC)	SENSOR GROUND
2	K900 20DB/DG (NGC)	SENSOR GROUND



SENSOR-BATTERY TEMPERATURE

SENSOR-BATTERY TEMPERATURE - BLACK 2 WAY

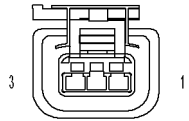
CAV	CIRCUIT	FUNCTION
1	K25 18DB/VT	BATT TEMP SIGNAL
2	K900 20DB/DG (EXCEPT SRT)	SENSOR GROUND
2	K900 18DB/DG (SRT)	SENSOR GROUND



**SENSOR-
BRAKE FLUID
LEVEL**

SENSOR-BRAKE FLUID LEVEL - BLACK 2 WAY

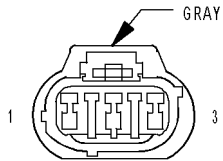
CAV	CIRCUIT	FUNCTION
1	B20 18DG/OR (EXCEPT SRT)	BRAKE FLUID LEVEL SWITCH SENSE
1	B20 20DG/OR (SRT)	BRAKE FLUID LEVEL SWITCH SENSE
2	Z420 20BK/OR	GROUND



**SENSOR-
CAMSHAFT
POSITION
(DIESEL)**

SENSOR-CAMSHAFT POSITION (DIESEL) - 3 WAY

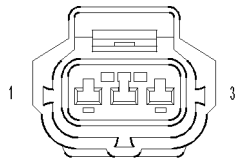
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K916 18BR/OR	SENSOR GROUND
3	K44 18DB/GY	CMP SIGNAL



**SENSOR-
CAMSHAFT
POSITION
(GAS)**

SENSOR-CAMSHAFT POSITION (GAS) - GRAY 3 WAY

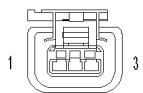
CAV	CIRCUIT	FUNCTION
1	K44 20DB/GY (EXCEPT SRT)	CMP SIGNAL
1	K44 18DB/GY (SRT)	CMP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F856 20YL/PK (EXCEPT SRT)	5 VOLT SUPPLY
3	F855 20PK/YL (SRT)	5 VOLT SUPPLY



**SENSOR-
CRANKSHAFT
POSITION
(3.7L)**

SENSOR-CRANKSHAFT POSITION (3.7L) - 3 WAY

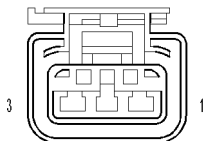
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-
CRANKSHAFT
POSITION
(4.7L)**

SENSOR-CRANKSHAFT POSITION (4.7L) - 3 WAY

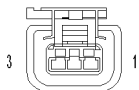
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-
CRANKSHAFT
POSITION
(5.7L/SRT)**

SENSOR-CRANKSHAFT POSITION (5.7L/SRT) - 3 WAY

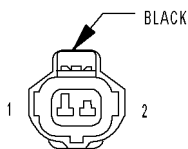
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K900 20DB/DG	SENSOR GROUND
3	K24 20BR/LB (5.7L)	CKP SIGNAL
3	K24 18BR/LB (SRT)	CKP SIGNAL



**SENSOR-
CRANKSHAFT
POSITION
(DIESEL)**

SENSOR-CRANKSHAFT POSITION (DIESEL) - 3 WAY

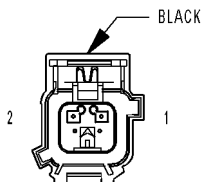
CAV	CIRCUIT	FUNCTION
1	K853 18DB/BR	5 VOLT SUPPLY
2	K975 18BR/OR	SENSOR GROUND
3	K24 18LB/BR	CKP SIGNAL



**SENSOR-
ENGINE
COOLANT
TEMPERATURE
(3.7L/4.7L)**

SENSOR-ENGINE COOLANT TEMPERATURE (3.7L/4.7L) - BLACK 2 WAY

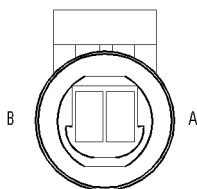
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	K2 18VT/OR	ECT SIGNAL



**SENSOR-
ENGINE
COOLANT
TEMPERATURE
(5.7L/SRT)**

SENSOR-ENGINE COOLANT TEMPERATURE (5.7L/SRT) - BLACK 2 WAY

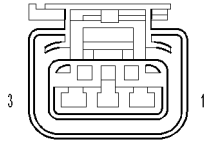
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG (5.7L)	SENSOR GROUND
1	K2 18VT/OR (SRT)	ECT SIGNAL
2	K2 18VT/OR (5.7L)	ECT SIGNAL
2	K900 20DB/DG (SRT)	SENSOR GROUND



**SENSOR-
ENGINE
COOLANT
TEMPERATURE
(DIESEL)**

SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL) - 2 WAY

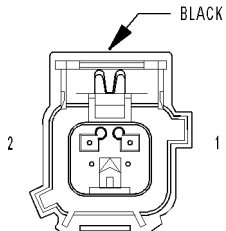
CAV	CIRCUIT	FUNCTION
A	K914 18RD/WT	SENSOR GROUND
B	K2 18TN/BK	ECT SIGNAL



**SENSOR-
ENGINE
OIL
PRESSURE
(SRT)**

SENSOR-ENGINE OIL PRESSURE (SRT) - 3 WAY

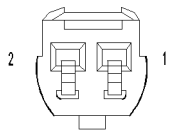
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	G6 18VT/GY	OIL PRESSURE SIGNAL
3	K900 20DB/DG	SENSOR GROUND



**SENSOR-
ENGINE OIL
TEMPERATURE
(SRT)**

SENSOR-ENGINE OIL TEMPERATURE (SRT) - BLACK 2 WAY

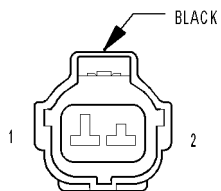
CAV	CIRCUIT	FUNCTION
1	G127 20VT/DB	OIL TEMPERATURE GAUGE SIGNAL
2	Z1 18BK	GROUND



**SENSOR-
EVAPORATOR
TEMPERATURE**

SENSOR-EVAPORATOR TEMPERATURE - 2 WAY

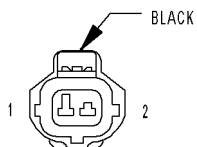
CAV	CIRCUIT	FUNCTION
1	C121 20DB/DG	SENSOR GROUND
2	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL



**SENSOR-
INPUT SPEED
(RFE)**

SENSOR-INPUT SPEED (RFE) - BLACK 2 WAY

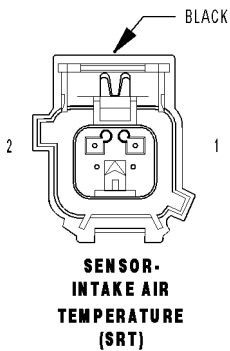
CAV	CIRCUIT	FUNCTION
1	T52 18DG/OR	INPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



**SENSOR-
INTAKE AIR
TEMPERATURE
(NGC)**

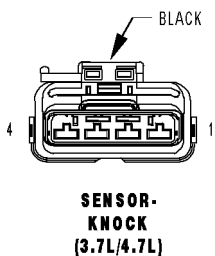
SENSOR-INTAKE AIR TEMPERATURE (NGC) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	K21 18DB/LG	IAT SIGNAL



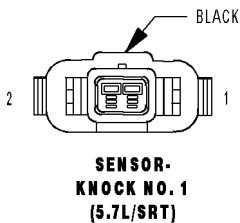
SENSOR-INTAKE AIR TEMPERATURE (SRT) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K21 18 DB/LG	IAT SIGNAL
2	K900 20DB/DG	SENSOR GROUND



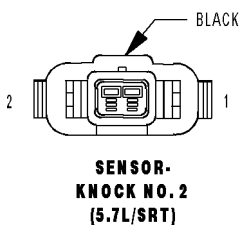
SENSOR-KNOCK (3.7L/4.7L) - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	K42 18DB/YL (3.7L)	KNOCK SENSOR NO. 1 SIGNAL
1	K942 18BR/LG (4.7L)	KNOCK SENSOR NO. 1 RETURN
2	K942 18BR/LG (3.7L)	KNOCK SENSOR NO. 1 RETURN
2	K42 18DB/YL (4.7L)	KNOCK SENSOR NO. 1 SIGNAL
3	K242 18BR/WT (3.7L)	KNOCK SENSOR NO. 2 SIGNAL
3	K924 18WT/BR (4.7L)	KNOCK SENSOR NO. 2 RETURN
4	K924 18WT/BR (3.7L)	KNOCK SENSOR NO. 2 RETURN
4	K242 18BR/WT (4.7L)	KNOCK SENSOR NO. 2 SIGNAL



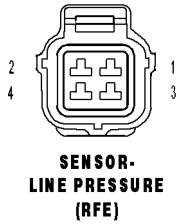
SENSOR-KNOCK NO. 1 (5.7L/SRT) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K42 18DB/YL	KNOCK SENSOR NO. 1 SIGNAL
2	K942 18BR/LG (5.7L)	KNOCK SENSOR NO. 1 RETURN
2	K900 18DB/DG (SRT)	SENSOR GROUND



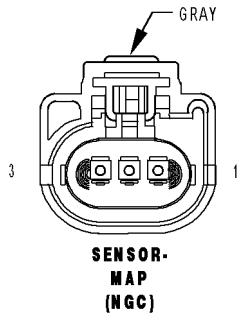
SENSOR-KNOCK NO. 2 (5.7L/SRT) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K242 18BR/WT	KNOCK SENSOR NO. 2 SIGNAL
2	K924 18WT/BR (5.7L)	KNOCK SENSOR NO. 2 RETURN
2	K900 18DB/DG (SRT)	SENSOR GROUND



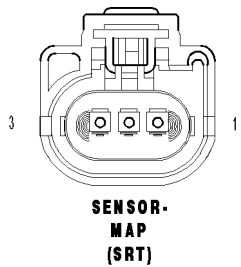
SENSOR-LINE PRESSURE (RFE) - 4 WAY

CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	F856 18YL/PK	5 VOLT SUPPLY
3	T38 18YL/BR	LINE PRESSURE SENSOR SIGNAL
4	-	-



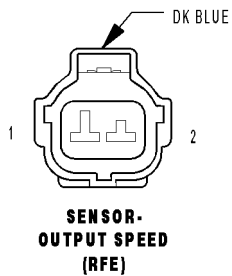
SENSOR-MAP (NGC) - GRAY 3 WAY

CAV	CIRCUIT	FUNCTION
1	K1 18VT/BR	MAP SIGNAL
2	K900 20DB/DG (3.7L/4.7L)	SENSOR GROUND
2	K900 18DB/DG (5.7L)	SENSOR GROUND
3	F856 18YL/PK	5 VOLT SUPPLY



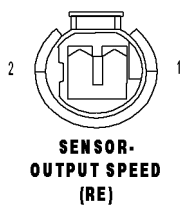
SENSOR-MAP (SRT) - 3 WAY

CAV	CIRCUIT	FUNCTION
1	K1 18VT/BR	MAP SENSOR SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



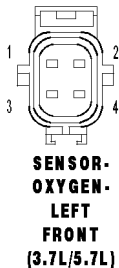
SENSOR-OUTPUT SPEED (RFE) - DK BLUE 2 WAY

CAV	CIRCUIT	FUNCTION
1	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



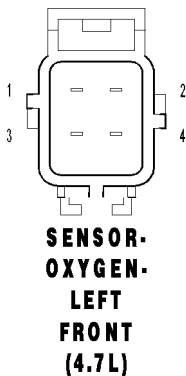
SENSOR-OUTPUT SPEED (RE) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



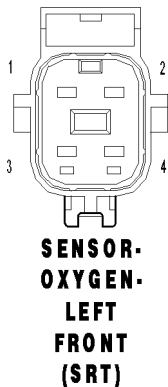
SENSOR-OXYGEN-LEFT FRONT (3.7L/5.7L) - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	K99 18BR/LG	O2 1/1 HEATER CONTROL
2	Z42 18BK/LG	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K41 18DB/LB	O2 1/1 SIGNAL



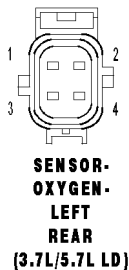
SENSOR-OXYGEN-LEFT FRONT (4.7L) - 4 WAY

CAV	CIRCUIT	FUNCTION
1	K99 18BR/LG	O2 1/1 HEATER CONTROL
2	Z42 18BK/LG	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K41 18DB/LB	O2 1/1 SIGNAL



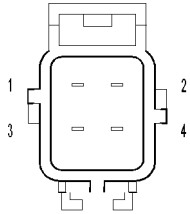
SENSOR-OXYGEN-LEFT FRONT (SRT) - 4 WAY

CAV	CIRCUIT	FUNCTION
1	K343 16BR/YL	FUSED ASD RELAY OUTPUT
2	K99 18BR/LG	O2 1/1 HEATER CONTROL
3	K900 20DB/DG	SENSOR GROUND
4	K41 18DB/LB	O2 1/1 SIGNAL



SENSOR-OXYGEN-LEFT REAR (3.7L/5.7L LD) - 4 WAY

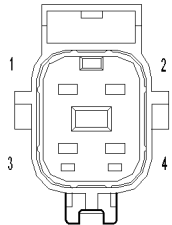
CAV	CIRCUIT	FUNCTION
1	K299 18BR/WT	O2 1/2 HEATER CONTROL
2	Z43 18BK/LB	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K141 18DB/YL	O2 1/2 SIGNAL



**SENSOR-
OXYGEN-
LEFT
REAR
(4.7L)**

SENSOR-OXYGEN-LEFT REAR (4.7L) - 4 WAY

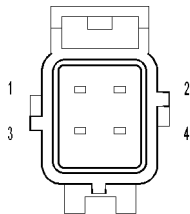
CAV	CIRCUIT	FUNCTION
1	K299 18BR/WT	O2 1/2 HEATER CONTROL
2	Z43 18BK/LB	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K141 18DB/YL	O2 1/2 SIGNAL



**SENSOR-
OXYGEN-
LEFT
REAR
(5.7L HD)**

SENSOR-OXYGEN-LEFT REAR (5.7L HD) - 4 WAY

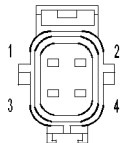
CAV	CIRCUIT	FUNCTION
1	K299 18BR/WT	O2 1/2 HEATER CONTROL
2	Z43 18BK/LB	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K141 18DB/YL	O2 1/2 SIGNAL



**SENSOR-
OXYGEN-
LEFT
REAR
(SRT)**

SENSOR-OXYGEN-LEFT REAR (SRT) - 4 WAY

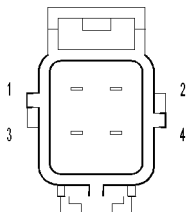
CAV	CIRCUIT	FUNCTION
1	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
2	Z1 18BK	GROUND
3	K900 20DB/DG	SENSOR GROUND
4	K141 18DB/YL	O2 1/2 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
FRONT
(3.7L/5.7L)**

SENSOR-OXYGEN-RIGHT FRONT (3.7L/5.7L) - 4 WAY

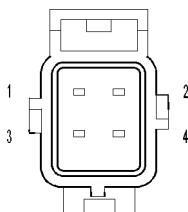
CAV	CIRCUIT	FUNCTION
1	K199 18BR/VT	O2 2/1 HEATER CONTROL
2	Z934 18BK	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K43 18DB/LG	O2 2/1 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
FRONT
(4.7L)**

SENSOR-OXYGEN-RIGHT FRONT (4.7L) - 4 WAY

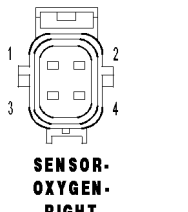
CAV	CIRCUIT	FUNCTION
1	K199 18BR/VT	O2 2/1 HEATER CONTROL
2	Z934 18BK	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K43 18DB/LG	O2 2/1 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
FRONT
(SRT)**

SENSOR-OXYGEN-RIGHT FRONT (SRT) - 4 WAY

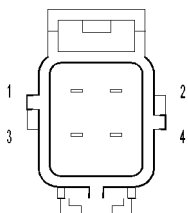
CAV	CIRCUIT	FUNCTION
1	K343 16BR/YL	FUSED ASD RELAY OUTPUT
2	K199 18BR/VT	O2 2/1 HEATER CONTROL
3	K900 20DB/DG	SENSOR GROUND
4	K43 18DB/LG	O2 2/1 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
REAR
(3.7L/5.7L LD)**

SENSOR-OXYGEN-RIGHT REAR (3.7L/5.7L LD) - 4 WAY

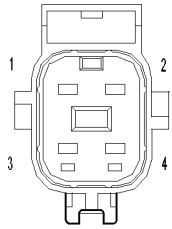
CAV	CIRCUIT	FUNCTION
1	K399 18BR/GY	O2 2/2 HEATER CONTROL
2	Z992 18BK	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K243 18BR	O2 2/2 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
REAR
(4.7L)**

SENSOR-OXYGEN-RIGHT REAR (4.7L) - 4 WAY

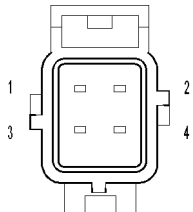
CAV	CIRCUIT	FUNCTION
1	K399 18BR/GY	O2 2/2 HEATER CONTROL
2	Z992 18BK	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K243 18BR	O2 2/2 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
REAR
(5.7L HD)**

SENSOR-OXYGEN-RIGHT REAR (5.7L HD) - 4 WAY

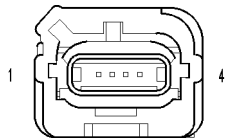
CAV	CIRCUIT	FUNCTION
1	K399 18BR/GY	O2 2/2 HEATER CONTROL
2	Z992 18BK	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K243 18BR	O2 2/2 SIGNAL



**SENSOR-
OXYGEN-
RIGHT
REAR
(SRT)**

SENSOR-OXYGEN-RIGHT REAR (SRT) - 4 WAY

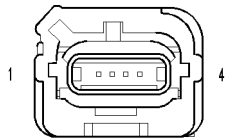
CAV	CIRCUIT	FUNCTION
1	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
2	Z1 18BK	GROUND
3	K900 20DB/DG	SENSOR GROUND
4	K243 18BR	O2 2/2 SIGNAL



**SENSOR-
SIDE IMPACT-
LEFT 1**

SENSOR-SIDE IMPACT-LEFT 1 - 4 WAY

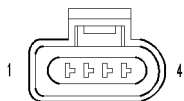
CAV	CIRCUIT	FUNCTION
1	R13 20LG/TN	LEFT SIDE IMPACT SENSOR 1 SIGNAL
2	R15 20LG/BR	LEFT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



**SENSOR-
SIDE IMPACT-
RIGHT 1**

SENSOR-SIDE IMPACT-RIGHT 1 - 4 WAY

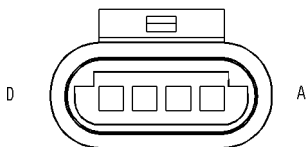
CAV	CIRCUIT	FUNCTION
1	R14 20TN/LG	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
2	R16 20BR/LG	RIGHT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



**SENSOR-
TEMPERATURE/
PRESSURE
INTAKE
(DIESEL)**

SENSOR-TEMPERATURE/PRESSURE-INTAKE (DIESEL) - 4 WAY

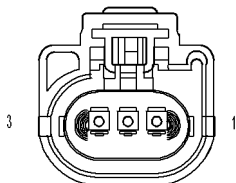
CAV	CIRCUIT	FUNCTION
1	K690 18DG/YL	SENSOR GROUND
2	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
3	K668 18LG	5 VOLT SUPPLY
4	K616 18BR/YL	INLET AIR PRESSURE SENSE



**SENSOR-
TEMPERATURE/
PRESSURE-
MAP
(DIESEL)**

SENSOR-TEMPERATURE/PRESSURE-MAP (DIESEL) - 4 WAY

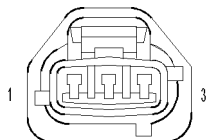
CAV	CIRCUIT	FUNCTION
A	K916 18BR/OR	SENSOR GROUND
B	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
C	F855 18PK/YL	5 VOLT SUPPLY
D	K37 18LB	BOOST PRESSURE SENSOR SIGNAL



**SENSOR-
THROTTLE POSITION
(3.7L)**

SENSOR-THROTTLE POSITION (3.7L) - 3 WAY

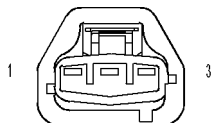
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K900 18DB/DG	SENSOR GROUND
3	K22 18BR/OR	TP NO. 1 SIGNAL



**SENSOR-
THROTTLE POSITION
(4.7L)**

SENSOR-THROTTLE POSITION (4.7L) - 3 WAY

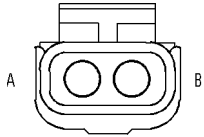
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K22 18BR/OR	TP NO. 1 SIGNAL
3	K900 18DB/DG	SENSOR GROUND



**SENSOR-
THROTTLE
POSITION
(SRT)**

SENSOR-THROTTLE POSITION (SRT) - 3 WAY

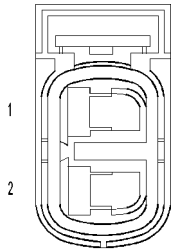
CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG	SENSOR GROUND
2	K22 18BR/OR	THROTTLE POSITION SENSOR SIGNAL
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-
TRANSFER
CASE POSITION
(MTC EXCEPT
POWER WAGON)**

SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON) - 2 WAY

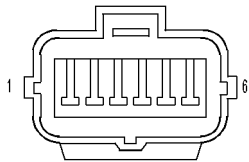
CAV	CIRCUIT	FUNCTION
A	K77 18BR/WT	TRANSFER CASE POSITION SENSE
B	Z901 18BK	GROUND



**SENSOR-
TRANSFER
CASE
POSITION
(MTC POWER WAGON)**

SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON) - 2 WAY

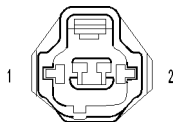
CAV	CIRCUIT	FUNCTION
1	K77 18BR/WT	TRANSFER CASE POSITION SENSE
2	T525 18YL/DB	TRANSFER CASE RETURN



**SENSOR-
TRANSMISSION RANGE
(RE)**

SENSOR-TRANSMISSION RANGE (RE) - 6 WAY

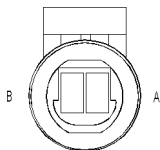
CAV	CIRCUIT	FUNCTION
1	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
3	-	-
4	L1 18WT/LG	BACKUP LAMP FEED
5	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
6	T41 20YL/DB (EXCEPT SRT)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
6	T41 18YL/DB (SRT)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)



**SENSOR-
WASHER
FLUID
LEVEL**

SENSOR-WASHER FLUID LEVEL - 2 WAY

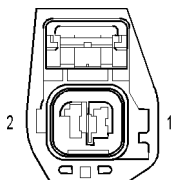
CAV	CIRCUIT	FUNCTION
1	Z932 20BK	GROUND
2	W1 20BR/TN	WASHER FLUID SWITCH SENSE



**SENSOR-
WATER
IN FUEL**

SENSOR-WATER IN FUEL - 2 WAY

CAV	CIRCUIT	FUNCTION
A	K914 18RD/WT	SENSOR GROUND
B	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL



**SENSOR-
WHEEL SPEED-
ABS-LEFT
FRONT**

SENSOR-WHEEL SPEED-ABS-LEFT FRONT - 2 WAY

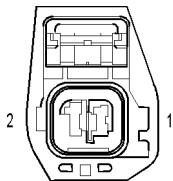
CAV	CIRCUIT	FUNCTION
1	B8 18DG/TN (5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
1	B8 20DG/TN (EXCEPT 5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B9 18DG/LG (5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B9 20DG/LG (EXCEPT 5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)



**SENSOR-
WHEEL SPEED-
ABS-REAR**

SENSOR-WHEEL SPEED-ABS-REAR - 2 WAY

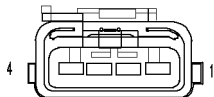
CAV	CIRCUIT	FUNCTION
1	B3 18DG/YL	REAR WHEEL SPEED SENSOR (-)
2	B4 18DG/GY	REAR WHEEL SPEED SENSOR (+)



**SENSOR-
WHEEL SPEED-
ABS-RIGHT
FRONT**

SENSOR-WHEEL SPEED-ABS-RIGHT FRONT - 2 WAY

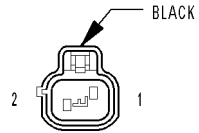
CAV	CIRCUIT	FUNCTION
1	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)
2	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)



**SERVO-
SPEED CONTROL
(GAS EXCEPT 5.7L)**

SERVO-SPEED CONTROL (GAS EXCEPT 5.7L) - 4 WAY

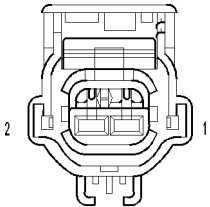
CAV	CIRCUIT	FUNCTION
1	V36 20VT/YL (EXCEPT SRT)	S/C VACUUM SOL CONTROL
1	V36 18VT/YL (SRT)	S/C VACUUM SOL CONTROL
2	V35 20VT/OR (EXCEPT SRT)	S/C VENT SOL CONTROL
2	V35 18VT/OR (SRT)	S/C VENT SOL CONTROL
3	V30 20VT/WT	S/C BRAKE SWITCH OUTPUT
4	Z913 20BK	GROUND



**SOLENOID-
BRAKE
TRANSMISSION
SHIFT INTERLOCK**

SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK - BLACK 2 WAY

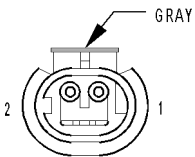
CAV	CIRCUIT	FUNCTION
1	K32 18DB/YL	BTSI SOLENOID CONTROL
2	Z101 18BK/VT	GROUND



**SOLENOID-
EVAP/
PURGE
(NGC)**

SOLENOID-EVAP/PURGE (NGC) - 2 WAY

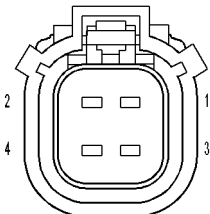
CAV	CIRCUIT	FUNCTION
1	K52 18DB/WT	EVAP PURGE SOL CONTROL
2	K70 18DB/BR	EVAP PURGE SOL SIGNAL



**SOLENOID-
EVAP/
PURGE
(SRT)**

SOLENOID-EVAP/PURGE (SRT) - GRAY 2 WAY

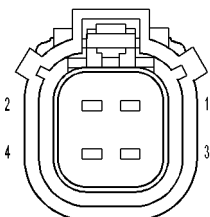
CAV	CIRCUIT	FUNCTION
1	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	K70 18DB/BR	EVAP PURGE RETURN



**SOLENOID-
LOCKER-
FRONT
(5.7L OFF ROAD)**

SOLENOID-LOCKER-FRONT (5.7L OFF ROAD) - 4 WAY

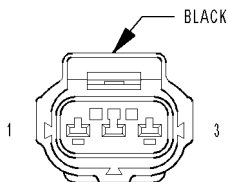
CAV	CIRCUIT	FUNCTION
1	T520 16YL/OR	FRONT LOCKER SOURCE
2	T521 18YL/GY	LOCKER SENSOR SUPPLY
3	T522 18YL/LB	FRONT LOCKER SENSOR SENSE
4	T524 16YL/LG	FRONT LOCKER RETURN



**SOLENOID-
LOCKER-
REAR
(POWER WAGON)**

SOLENOID-LOCKER-REAR (POWER WAGON) - 4 WAY

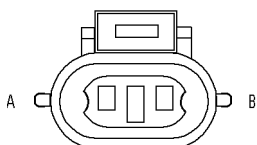
CAV	CIRCUIT	FUNCTION
1	T526 16YL/WT	REAR LOCKER SOURCE
2	T521 18YL/GY	LOCKER SENSOR SUPPLY
3	T527 18YL/TN	REAR LOCKER SENSOR SENSE
4	T528 16YL/GY	REAR LOCKER RETURN



**SOLENOID-
RADIATOR FAN
(SRT)**

SOLENOID-RADIATOR FAN (SRT) - BLACK 3 WAY

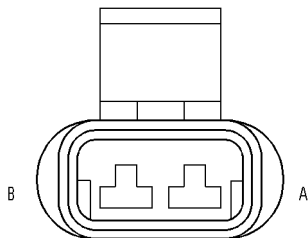
CAV	CIRCUIT	FUNCTION
1	C240 18LB/TN	HYDRAULIC COOLING CONTROL FEED
2	K342 16BR/WT	ASD RELAY OUTPUT
3	Z1 18BK	GROUND



**SOLENOID-
REVERSE
LOCK-OUT
(SRT M/T)**

SOLENOID-REVERSE LOCK-OUT (SRT M/T) - 2 WAY

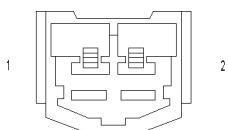
CAV	CIRCUIT	FUNCTION
A	A917 18RD	FUSED B(+)
B	K333 18DB/LB	SOLENOID REVERSE LOCKOUT FEED



**SOLENOID-
WASTEGATE
(DIESEL)**

SOLENOID-WASTEGATE (DIESEL) - 2 WAY

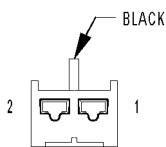
CAV	CIRCUIT	FUNCTION
A	K139 18DB	WASTEGATE SOLENOID CONTROL
B	F504 18GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)



**SPEAKER-
INSTRUMENT
PANEL-
CENTER
(PREMIUM)**

SPEAKER-INSTRUMENT PANEL-CENTER (PREMIUM) - 2 WAY

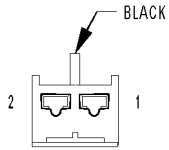
CAV	CIRCUIT	FUNCTION
1	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
2	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)



**SPEAKER-
INSTRUMENT
PANEL-
LEFT**

SPEAKER-INSTRUMENT PANEL-LEFT - BLACK 2 WAY

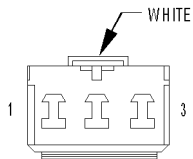
CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)



**SPEAKER-
INSTRUMENT
PANEL-
RIGHT**

SPEAKER-INSTRUMENT PANEL-RIGHT - BLACK 2 WAY

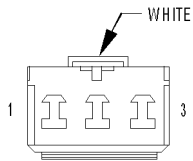
CAV	CIRCUIT	FUNCTION
1	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
2	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)



**SPEAKER-
LEFT
FRONT DOOR**

SPEAKER-LEFT FRONT DOOR - WHITE 3 WAY

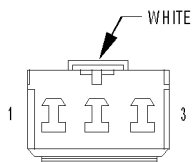
CAV	CIRCUIT	FUNCTION
1	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
2	-	-
3	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)



**SPEAKER-
LEFT REAR**

SPEAKER-LEFT REAR - WHITE 3 WAY

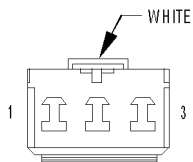
CAV	CIRCUIT	FUNCTION
1	X205 18GY/LG	LEFT REAR SPEAKER (+)
2	-	-
3	X295 18GY/DG	LEFT REAR SPEAKER (-)



**SPEAKER-
RIGHT
FRONT DOOR**

SPEAKER-RIGHT FRONT DOOR - WHITE 3 WAY

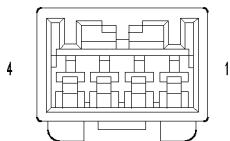
CAV	CIRCUIT	FUNCTION
1	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
2	-	-
3	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)



**SPEAKER-
RIGHT REAR**

SPEAKER-RIGHT REAR - WHITE 3 WAY

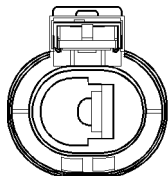
CAV	CIRCUIT	FUNCTION
1	X206 18DG/LG	RIGHT REAR SPEAKER (+)
2	-	-
3	X296 18DG/GY	RIGHT REAR SPEAKER (-)



SPEAKER-SUBWOOFER (SRT)

SPEAKER-SUBWOOFER (SRT) - 4 WAY

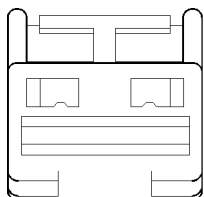
CAV	CIRCUIT	FUNCTION
1	X390 16DG/BR	AMPLIFIED SUBWOOFER 1 (-)
2	X300 16GY/BR	AMPLIFIED SUBWOOFER 1 (+)
3	X391 16DG/WT	AMPLIFIED SUBWOOFER 2 (-)
4	X301 16GY/WT	AMPLIFIED SUBWOOFER 2 (+)



STARTER (3.7L/4.7L/5.7L OFF ROAD)

STARTER (3.7L/4.7L/5.7L OFF ROAD) - 1 WAY

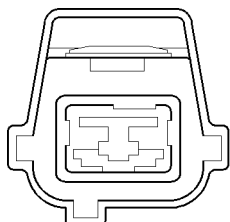
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT



STARTER (5.7L EXCEPT OFF ROAD)

STARTER (5.7L EXCEPT OFF ROAD) - 1 WAY

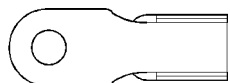
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT



STARTER (DIESEL)

STARTER (DIESEL) - 1 WAY

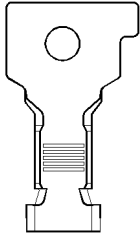
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT



STARTER-EYELET (DIESEL)

STARTER-EYELET (DIESEL) - 1 WAY

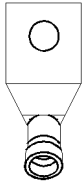
CAV	CIRCUIT	FUNCTION
1	A8 ORD	B(+)



**STARTER-
EYELET**
(3.7L/4.7L/5.7L
OFF ROAD/SRT)

STARTER-EYELET (3.7L/4.7L/5.7L OFF ROAD/SRT) - 1 WAY

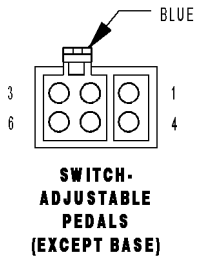
CAV	CIRCUIT	FUNCTION
1	A8 06RD	B(+)



**STARTER-
EYELET**
(5.7L)

STARTER-EYELET (5.7L) - 1 WAY

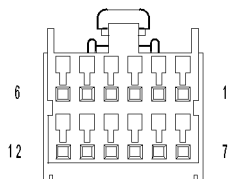
CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)



**SWITCH-
ADJUSTABLE
PEDALS**
(EXCEPT BASE)

SWITCH-ADJUSTABLE PEDALS (EXCEPT BASE) - BLUE 6 WAY

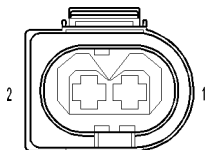
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REARWARD
2	A72 18RD/OR	ADJUSTABLE PEDALS RELAY OUTPUT
3	-	-
4	Z146 18BK	GROUND
5	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
6	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



**SWITCH-
AXLE
LOCK**
(SMART BAR)

SWITCH-AXLE LOCK (SMART BAR) - 12 WAY

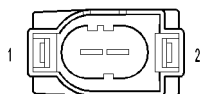
CAV	CIRCUIT	FUNCTION
1	T537 20YL/LG	LOCKER SWITCH SUPPLY
2	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
3	-	-
4	-	-
5	T535 20YL/BR	LOCKER SWITCH SENSE
6	E11 20OR/DB	PANEL LAMPS DRIVER
7	T536 20YL/WT	SWITCH SUPPLY
8	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
9	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
10	-	-
11	Z952 20BK	GROUND
12	-	-



**SWITCH-
BACK UP
LAMP
(3.7L/4.7L)**

SWITCH-BACK UP LAMP (3.7L/4.7L) - 2 WAY

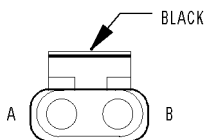
CAV	CIRCUIT	FUNCTION
1	L1 18WT/LG	BACKUP LAMP FEED
2	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACK UP
LAMP
(G56)**

SWITCH-BACK UP LAMP (G56) - 2 WAY

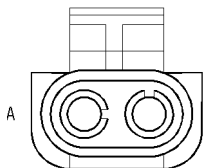
CAV	CIRCUIT	FUNCTION
1	L1 18WT/LG	BACKUP LAMP FEED
2	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACK UP
LAMP
(5.7L NV5600)**

SWITCH-BACK UP LAMP (5.7L NV5600) - BLACK 2 WAY

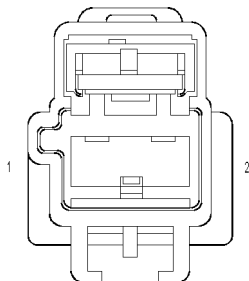
CAV	CIRCUIT	FUNCTION
A	L1 18WT/LG	BACKUP LAMP FEED
B	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACK UP
LAMP
(SRT M/T)**

SWITCH-BACK UP LAMP (SRT M/T) - 2 WAY

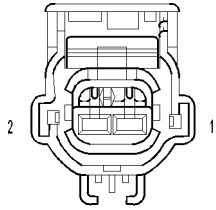
CAV	CIRCUIT	FUNCTION
A	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
B	L1 18WT/LG	BACKUP LAMP FEED



**SWITCH-
CLUTCH
INTERLOCK
(M/T)**

SWITCH-CLUTCH INTERLOCK (M/T) - 2 WAY

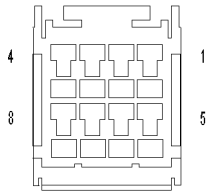
CAV	CIRCUIT	FUNCTION
1	T41 20YL/DB (EXCEPT SRT)	TRS T41 SENSE
1	T41 16YL/DB (SRT)	PARK NEUTRAL POSITION SWITCH SENSE (T41)
2	Z911 18BK (EXCEPT SRT)	GROUND
2	Z1 16BK (SRT)	GROUND



**SWITCH-
CYLINDER LOCK-
DRIVER
(SRT)**

SWITCH-CYLINDER LOCK-DRIVER (SRT) - 2 WAY

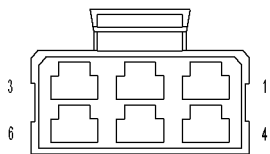
CAV	CIRCUIT	FUNCTION
1	G163 20VT/LB	DRIVER CYLINDER LOCK SWITCH MUX
2	Z463 20BK/LB	GROUND



**SWITCH-
DISCONNECTING
STABILIZER BAR
(SMART BAR)**

SWITCH-DISCONNECTING STABILIZER BAR (SMART BAR) - 8 WAY

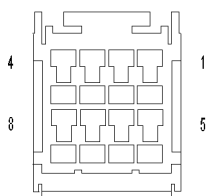
CAV	CIRCUIT	FUNCTION
1	E11 200R/DB	PANEL LAMPS DRIVER
2	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
3	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
4	Z952 20BK	GROUND
5	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
6	-	-
7	-	-
8	T536 20YL/WT	SWITCH SUPPLY



**SWITCH-
DOOR LOCK-
PASSENGER**

SWITCH-DOOR LOCK-PASSENGER - 6 WAY

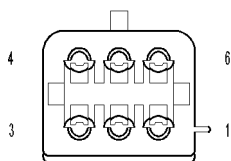
CAV	CIRCUIT	FUNCTION
1	G160 20VT/LG	PASSENGER DOOR LOCK SWITCH MUX
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	-	-
5	Z461 20BK/DG	GROUND
6	-	-



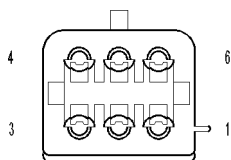
**SWITCH-
HEADLAMP**

SWITCH-HEADLAMP - 8 WAY

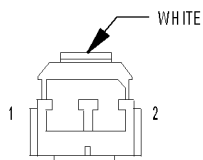
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	E19 200R/BR	HEADLAMP SWITCH DIMMER SIGNAL
4	Z407 20BK/OR	GROUND
5	L89 20WT/YL (FOG LAMPS EXCEPT SRT)	FOG LAMP RELAY OUTPUT
5	L89 18WT/YL (FOG LAMPS SRT)	FOG LAMP RELAY OUTPUT
6	E2 200R/BR	PANEL LAMPS DIMMER SIGNAL
7	L115 20WT/YL	HEADLAMP SWITCH RETURN
8	L116 20WT/LG	HEADLAMP SWITCH SIGNAL



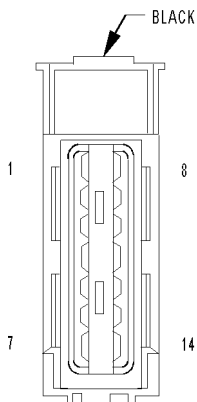
**SWITCH-
HEATED SEAT-
DRIVER**



**SWITCH-
HEATED SEAT-
PASSENGER**



**SWITCH-
HORN**



**SWITCH-
IGNITION**

SWITCH-HEATED SEAT-DRIVER - 6 WAY

CAV	CIRCUIT	FUNCTION
1	P81 20TN/LB	DRIVER SEAT LOW HEAT LED DRIVER
2	P301 20LG/OR	HEATED SEAT SWITCH ILLUMINATION DRIVER
3	Z301 20TN/BK	GROUND
4	P85 20LG/WT	HEATED SEAT SWITCH SUPPLY
5	P83 20TN/WT	DRIVER SEAT HIGH HEAT LED DRIVER
6	P7 20LG/DG	DRIVER SEAT HEATER MUX SWITCH

SWITCH-HEATED SEAT-PASSENGER - 6 WAY

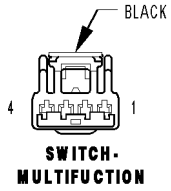
CAV	CIRCUIT	FUNCTION
1	P82 20TN/DG	PASSENGER SEAT LOW HEAT LED DRIVER
2	P301 20LG/OR	HEATED SEAT SWITCH ILLUMINATION DRIVER
3	Z302 20LG/BK	GROUND
4	P85 20LG/WT	HEATED SEAT SWITCH SUPPLY
5	P84 20TN/VT	PASSENGER SEAT HIGH HEAT LED DRIVER
6	P8 20LG/WT	PASSENGER SEAT HEATER MUX SWITCH

SWITCH-HORN - WHITE 2 WAY

CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	-	-

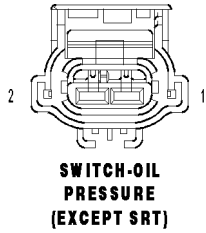
SWITCH-IGNITION - BLACK 14 WAY

CAV	CIRCUIT	FUNCTION
1	A970 10RD (EXCEPT SRT)	FUSED B(+)
1	F988 18PK/YL (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	F1 16PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
3	F951 16PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	A951 16RD	FUSED B(+)
5	G15 20VT/TN	KEY-IN IGNITION SWITCH SENSE
6	Z943 20BK	GROUND
7	A921 16RD (EXCEPT SRT)	FUSED B(+)
8	C7 10DB (EXCEPT SRT)	BLOWER MOTOR FEED
8	F102 18PK/DB (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
9	F982 14PK/YL (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	F985 12PK/YL (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
10	F30 12PK/YL (EXCEPT BASE/SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
11	A981 14RD (EXCEPT SRT)	FUSED B(+)
11	A981 12RD (SRT)	FUSED B(+)
12	A310 10RD/LB (EXCEPT BASE/SRT)	FUSED B(+)
13	T751 16YL (EXCEPT SRT)	IGNITION SWITCH OUTPUT (START)
14	F922 16PK/YL (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)



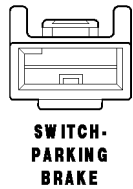
SWITCH-MULTIFUNCTION - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
3	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
4	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL



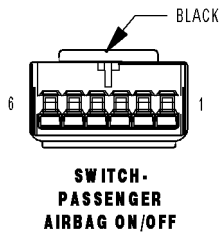
SWITCH-OIL PRESSURE (EXCEPT SRT) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	G6 18VT/GY	OIL PRESSURE SIGNAL
2	-	-



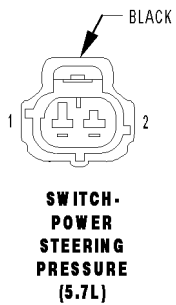
SWITCH-PARKING BRAKE - 1 WAY

CAV	CIRCUIT	FUNCTION
1	B25 20DG/WT	PARK BRAKE SWITCH SENSE



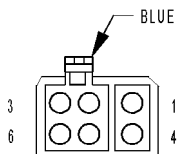
SWITCH-PASSENGER AIRBAG ON/OFF - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
2	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
3	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
4	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	-	-
6	-	-



SWITCH-POWER STEERING PRESSURE (5.7L) - BLACK 2 WAY

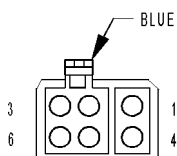
CAV	CIRCUIT	FUNCTION
1	Z988 20BK	GROUND
2	K66 18DB/WT	P/S SWITCH SIGNAL



**SWITCH-
POWER WINDOW-
LEFT REAR**

SWITCH-POWER WINDOW-LEFT REAR - BLUE 6 WAY

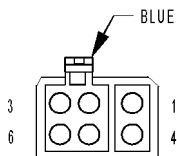
CAV	CIRCUIT	FUNCTION
1	Q111 14TN/YL	DRIVER REAR WINDOW DRIVER (UP)
2	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q211 14TN/LB	DRIVER REAR WINDOW DRIVER (DOWN)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED



**SWITCH-
POWER WINDOW-
PASSENGER**

SWITCH-POWER WINDOW-PASSENGER - BLUE 6 WAY

CAV	CIRCUIT	FUNCTION
1	Q12 14OR/BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q26 14OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
3	-	-
4	Q16 14OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
5	Q22 14OR/VT	RIGHT FRONT WINDOW DRIVER (DOWN)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED



**SWITCH-
POWER WINDOW-
RIGHT REAR**

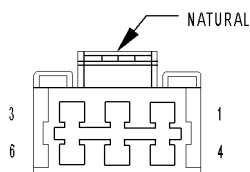
SWITCH-POWER WINDOW-RIGHT REAR - BLUE 6 WAY

CAV	CIRCUIT	FUNCTION
1	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)
2	Q612 14OR/GY	RIGHT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q412 14OR/WT	RIGHT REAR WINDOW DRIVER (UP)
5	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED

**CONNECTOR
NOT
AVAILABLE**

SWITCH-PTO (NGC) - 1 WAY

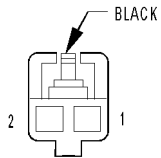
CAV	CIRCUIT	FUNCTION
1	G113 18VT	PTO SWITCH SENSE



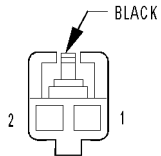
**SWITCH-
PUSH-
BUTTON
STARTER
(SRT)**

SWITCH-PUSH-BUTTON STARTER (SRT) - NATURAL 6 WAY

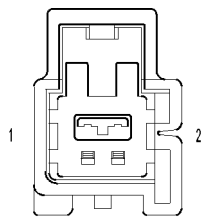
CAV	CIRCUIT	FUNCTION
1	-	-
2	F951 16PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	T141 16YL/OR	MANUAL CLUTCH INTERLOCK START FEED
4	-	-
5	-	-
6	-	-



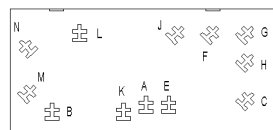
**SWITCH-
REMOTE
RADIO-
LEFT**



**SWITCH-
REMOTE
RADIO-
RIGHT**



**SWITCH-
SEAT BELT-
DRIVER**



**SWITCH-
SEAT-
DRIVER**

SWITCH-REMOTE RADIO-LEFT - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	Z909 22BK	GROUND

SWITCH-REMOTE RADIO-RIGHT - BLACK 2 WAY

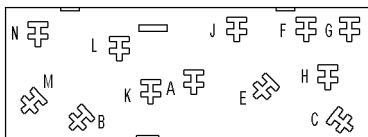
CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	Z909 22BK	GROUND

SWITCH-SEAT BELT-DRIVER - 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z951 20BK (EXCEPT SRT)	GROUND
1	Z951 18BK (SRT)	GROUND
2	G10 20VT/LG	SEAT BELT SWITCH SENSE

SWITCH-SEAT-DRIVER - 12 WAY

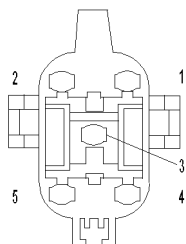
CAV	CIRCUIT	FUNCTION
A	A210 12OR/RD	FUSED B(+)
B	Z939 14BK	GROUND
C	P105 12LG	DRIVER SEAT LUMBAR MOTOR FORWARD DRIVER
D	-	-
E	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
F	P107 12LG/WT	DRIVER SEAT LUMBAR MOTOR REARWARD DRIVER
G	Z939 14BK	GROUND
H	A210 12OR/RD	FUSED B(+)
I	-	-
J	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER
K	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
L	P15 12LG/BR	DRIVER SEAT HORIZONTAL FORWARD DRIVER
M	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
N	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER



**SWITCH-
SEAT-
PASSENGER
(QUAD CAB)**

SWITCH-SEAT-PASSENGER (QUAD CAB) - 12 WAY

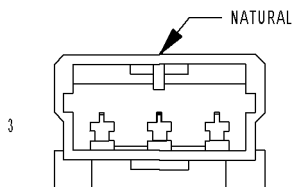
CAV	CIRCUIT	FUNCTION
A	A210 12OR/RD	FUSED B(+)
B	Z939 14BK	GROUND
C	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER
D	-	-
E	A210 12OR/RD	FUSED B(+)
F	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
G	Z939 14BK	GROUND
H	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER
I	-	-
J	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
K	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
L	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER
M	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
N	P18 12LG/DG	PASSENGER SEAT FRONT DOWN DRIVER



**SWITCH-
SEAT-
PASSENGER
(STANDARD CAB)**

SWITCH-SEAT-PASSENGER (STANDARD CAB) - 5 WAY

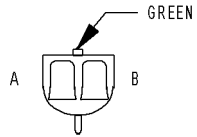
CAV	CIRCUIT	FUNCTION
1	Z939 14BK	GROUND
2	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER
3	A210 12OR/RD	FUSED B(+)
4	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
5	Z939 14BK	GROUND



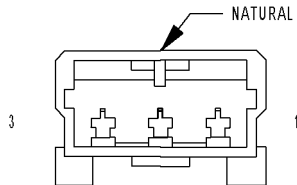
**SWITCH-
SPEED CONTROL-
LEFT
(ETC)**

SWITCH-SPEED CONTROL-LEFT (ETC) - NATURAL 3 WAY

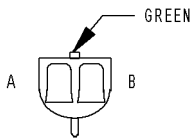
CAV	CIRCUIT	FUNCTION
1	V38 20VT/OR (5.7L/DIESEL)	S/C SWITCH NO. 2 SIGNAL
2	V937 20VT/BR	S/C SWITCH RETURN
3	V37 20VT	S/C SWITCH NO. 1 SIGNAL



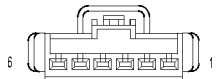
**SWITCH-
SPEED CONTROL-
LEFT
(EXCEPT ETC)**



**SWITCH-
SPEED CONTROL-
RIGHT
(ETC)**



**SWITCH-
SPEED CONTROL-
RIGHT
(EXCEPT ETC)**



**SWITCH-
STOP
LAMP**

SWITCH-SPEED CONTROL-LEFT (EXCEPT ETC) - GREEN 2 WAY

CAV	CIRCUIT	FUNCTION
A	V37 20VT	S/C SWITCH NO. 1 SIGNAL
B	K900 20VT/BR	SENSOR GROUND

SWITCH-SPEED CONTROL-RIGHT (ETC) - NATURAL 3 WAY

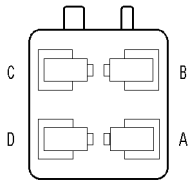
CAV	CIRCUIT	FUNCTION
1	V38 20VT/OR (5.7L/DIESEL)	S/C SWITCH NO. 2 SIGNAL
2	V937 20VT/BR	S/C SWITCH RETURN
3	V37 20VT	S/C SWITCH NO. 1 SIGNAL

SWITCH-SPEED CONTROL-RIGHT (EXCEPT ETC) - GREEN 2 WAY

CAV	CIRCUIT	FUNCTION
A	V37 20VT	S/C SWITCH NO. 1 SIGNAL
B	K900 20VT/BR	SENSOR GROUND

SWITCH-STOP LAMP - 6 WAY

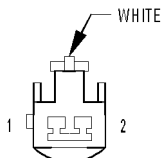
CAV	CIRCUIT	FUNCTION
1	A103 18GY/RD	FUSED B(+)
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	V30 20VT/WT (5.7L)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	V30 20VT/WT (DIESEL)	GROUND
3	V30 20VT/WT (GAS EXCEPT 5.7L)	S/C BRAKE SWITCH OUTPUT
4	V32 20VT/YL (5.7L/DIESEL)	BRAKE SWITCH NO. 2 SIGNAL
4	V32 20VT/YL (GAS EXCEPT 5.7L)	SPEED CONTROL SUPPLY
5	Z429 20BK/OR	GROUND
6	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL



**SWITCH-
SUNROOF**

SWITCH-SUNROOF - 4 WAY

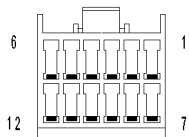
CAV	CIRCUIT	FUNCTION
A	Q4 200R/YL	SUNROOF VENT SWITCH SENSE
B	Q6 200R/LG	SUNROOF SWITCH SUPPLY
C	Q5 200R/LB	SUNROOF CLOSE SWITCH SENSE
D	Q3 200R/TN	SUNROOF OPEN SWITCH SENSE



**SWITCH-TOW/
HAUL
OVERDRIVE**

SWITCH-TOW/HAUL OVERDRIVE - WHITE 2 WAY

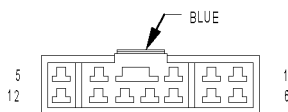
CAV	CIRCUIT	FUNCTION
1	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
2	Z71 20LB/BK	GROUND



**SWITCH-
TRANSFER
CASE
SELECTOR
(ETC)**

SWITCH-TRANSFER CASE SELECTOR (ETC) - 12 WAY

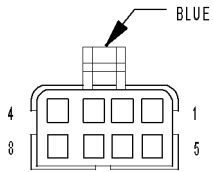
CAV	CIRCUIT	FUNCTION
1	T322 20DG/GY	5 VOLT SELECTOR SWITCH SUPPLY
2	G2 20BR/WT	2WD/AWD INDICATOR
3	-	-
4	G95 20VT/BR	NEUTRAL INDICATOR
5	K977 20BR/WT	MODE SELECT
6	E11 200R/DB	PANEL LAMPS DRIVER
7	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	G92 20VT/OR	4WD LOW INDICATOR
9	G91 20VT/WT	4WD HIGH INDICATOR
10	-	-
11	Z905 20BK	GROUND
12	-	-



**SWITCH-
WINDOW/
DOOR LOCK-
DRIVER C1**

SWITCH-WINDOW/DOOR LOCK-DRIVER C1 - BLUE 12 WAY

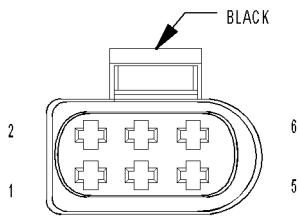
CAV	CIRCUIT	FUNCTION
1	Q612 140R/DB	RIGHT REAR WINDOW DRIVER (DOWN)
2	Q412 140R/LB	RIGHT REAR WINDOW DRIVER (UP)
3	Q16 140R/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
4	Q411 140R/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q11 140R/LG	LEFT FRONT WINDOW DRIVER (UP)
6	Q26 140R/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
7	G161 20VT/DG	DRIVER DOOR LOCK SWITCH MUX
8	Z421 14BK/BR	GROUND
9	F30 14PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
10	Q611 140R/GY	LEFT REAR WINDOW DRIVER (DOWN)
11	Z941 20BK	GROUND
12	Q21 140R/WT	LEFT FRONT WINDOW DRIVER (DOWN)



**SWITCH-
WINDOW/
DOOR LOCK-
DRIVER C2**

SWITCH-WINDOW/DOOR LOCK-DRIVER C2 - BLUE 8 WAY

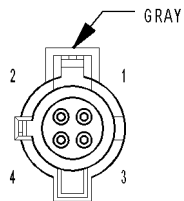
CAV	CIRCUIT	FUNCTION
1	P71 18TN/DG	LEFT MIRROR UP DRIVER
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	A930 18RD	FUSED B(+)
4	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
5	Z461 20BK/DG	GROUND
6	P75 18TN/LG	LEFT MIRROR LEFT DRIVER
7	P72 18TN/GY	RIGHT MIRROR UP DRIVER
8	Q15 14OR/LB	POWER WINDOW SWITCH FEED



**THROTTLE
BODY
(5.7L)**

THROTTLE BODY (5.7L) - BLACK 6 WAY

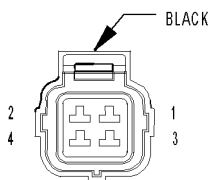
CAV	CIRCUIT	FUNCTION
1	K22 18BR/OR	TP NO. 1 SIGNAL
2	F855 18PK/YL	5 VOLT SUPPLY
3	K447 18TN/YL	ETC MOTOR (+)
4	K122 18BR/DG	TP NO. 2 SIGNAL
5	K448 18TN/OR	ETC MOTOR (-)
6	K922 18BR/DB	TP SENSOR RETURN



**TRANSDUCER-A/C
PRESSURE
(NGC)**

TRANSDUCER-A/C PRESSURE (NGC) - GRAY 4 WAY

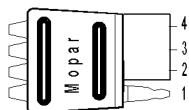
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	F855 18PK/YL	5 VOLT SUPPLY
3	C918 18BK/LB	A/C PRESSURE SIGNAL
4	-	-



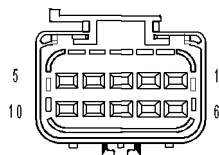
**TRANSDUCER-A/C
PRESSURE
(DIESEL/SRT)**

TRANSDUCER-A/C PRESSURE (DIESEL/SRT) - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	K916 18BR/OR (DIESEL)	SENSOR GROUND
1	K900 20DB/DG (SRT)	SENSOR GROUND
2	F855 18PK/YL	5 VOLT SUPPLY
3	C918 18BK/LB	A/C PRESSURE SIGNAL
4	-	-



WIRING-
TRAILER
TOW 4-WAY



WIRING-
TRAILER
TOW 7-WAY

WIRING-TRAILER TOW 4-WAY - 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z999 14BK	GROUND
2	L678 18BR	FUSED PARK LAMP RELAY OUTPUT
3	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
4	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT

WIRING-TRAILER TOW 7-WAY - 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
3	L1 18WT/LG	BACKUP LAMP FEED
4	A100 14RD/VT	FUSED B(+)
5	L678 18BR	FUSED PARK LAMP RELAY OUTPUT
6	-	-
7	B40 14DG	TRAILER TOW BRAKE B(+)
8	Z999 14BK	GROUND
9	Z999 14BK	GROUND
10	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT

8W-91 CONNECTOR/GROUND/SPLICE LOCATION**TABLE OF CONTENTS**

page

CONNECTOR/GROUND/SPLICE LOCATION

DESCRIPTION 1

CONNECTOR/GROUND/SPLICE LOCATION**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	BK	On HVAC Unit	N/S
Actuator-Blend Door-Passenger (Dual Zone)	BK	On HVAC Unit	N/S
Actuator-Fuel Control (Diesel)	BK	Left Rear Engine	N/S
Actuator-Mode Door-Floor to Defrost	BK	On HVAC Unit	N/S
Actuator-Mode Door-Floor to Panel	BK	On HVAC Unit	N/S
Actuator-Recirculation Door	BK	On HVAC Unit	N/S
Airbag-Driver Squib 1	BK	On Steering Wheel	46
Airbag-Driver Squib 2	BR	On Steering Wheel	46
Airbag-Passenger Squib	YL	Right Front of Instrument Panel	50, 54
Airbag-Side Curtain-Left	YL	Top Left B-Pillar	60, 65
Airbag-Side Curtain-Right	YL	Top Right B-Pillar	64, 66
Amplifier-Radio C1 (Except SRT)	GY	Top Center of Instrument Panel	50, 54
Amplifier-Radio C1 (SRT)	NAT	Top Center of Instrument Panel	50, 54
Amplifier-Radio C2 (Except SRT)	GY	Top Center of Instrument Panel	50, 54
Amplifier-Radio C2 (SRT)	WT	Top Center of Instrument Panel	50, 54
Amplifier-Subwoofer (SRT-10)	WT	Center Body	60, 61, 65
Antenna-Radio	-	At Antenna Base	52
Antenna-Satellite No. 1		Center Rear Roof	62, 63
Antenna-Satellite No. 2		Center Rear Roof	62, 63
Antenna Cable-Radio	-	Right Kick Panel	51, 52
Antenna Cable-Satellite No. 1		Behind Passenger Seat	62
Antenna Cable-Satellite No. 2		Behind Passenger Seat	62

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Assembly-Exhaust Gas Recirculation Valve	LT GY	Right Front Engine	10
Assembly-Natural Vacuum Leak Detection (NGC)	BK	Rear of Transmission	24, 69
Assembly-Shift Motor/Mode Sensor C1	BK	Left Front Side of Transfer Case	19, 20, 22, 29
Assembly-Shift Motor/Mode Sensor C2	BK	Left Rear of Transmission	19, 20, 29
Assembly-Transmission Throttle Valve		On Transmission	N/S
Assembly-Transmission Solenoid/ Pressure Switch (3.7L/4.7L)	BK	Left Side of Transmission	21, 22
Assembly-Transmission Solenoid/ TRS	BK	Left Side of Transmission	20, 17
Backlite-Heated	BK	Left of Rear Window	60, 65
Backlite-Heated-Ground	BK	Right of Rear Window	67
Battery (+)	-	Left Engine Compartment	37
Battery (-)	-	Left Engine Compartment	37
C102		Near Integrated Power Module	32
C103		Left Rear Engine Compartment	N/S
C106	BK	Left Rear Engine	8
C107 (5.7L)	BK	Left Rear Engine	8
C112 (Diesel)	BK	Near T/O for Water In Fuel Sensor	N/S
C115 (Diesel)	BK	Top of Engine Near Injectors 1 and 2	15
C116 (Diesel)	BK	Top of Engine Near Injectors 3 and 4	N/S
C117 (Diesel)	BK	Top of Engine Near Injectors 5 and 6	N/S
C130	BK	Left Rear of Engine	4, 30, 42
C131 (GAS)		Right Rear Engine Compartment	4, 30
C131 (DIESEL)		Left Rear Engine Compartment	42
C200	GY	Under Instrument Panel	54
C201	WT	Near Left Instrument Panel Speaker	50, 53, 56
C202	BK	Left Rear Side of Engine Compartment	36
C206	BK	Right Instrument Panel	50, 54, 67
C207		Rear Engine Compartment	31
C216	BK	Middle Left Frame	31, 34, 69
C217	BK	Middle Left Frame	31, 34, 69
C218	WT	Left Side of Instrument Panel	31, 33, 55, 60, 65
C219	GY	Left Side of Instrument Panel	31, 33, 45, 50, 53, 55, 60
C220	WT	Left Side of Instrument Panel	50, 53, 55, 60, 65
C301	WT	Right Kick Panel	55, 58, 64, 66

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
C302	BK	Left Front Door	55, 58, 64, 66
C304	WT	Left Side of Instrument Panel	57, 60, 65
C305	BK	At Left Front Door	57, 60, 65
C306	WT	Middle Front of Door	59, 65
C308	WT	Under Instrument Panel	54, 55, 64, 66
C309	WT	Left Side of Instrument Panel	50, 53, 55, 60, 65
C311	BK	Left Rear of Frame	60, 65
C313	DK GY	At Driver Seat	N/S
C315	DK GY	At Driver Seat	N/S
C316	BK	At Passenger Seat	N/S
C319	BK	Bottom Left of Left Door	N/S
C320	NAT	Right Rear Door	59
C322	DK GY	Left Rear of Frame	60, 65
C323	BK	Left Side of Instrument Panel	N/S
C327	BK	Right Rear Fender	69, 70
C328	BK	Left Rear Fender	69, 70, 71
C331		Left Side Instrument Panel	31
C333		Left Side Instrument Panel	31, 32
C337		Left B-Pillar	60, 65
C338		Under Right Seat	60, 62
Capacitor-Ignition		Left Rear of Engine Compartment	4
Circuit Breaker-Power Window	GY	Under Instrument Panel	45, 50, 53
Clockspring C1	BK	Steering Column	45
Clockspring C2	YL	Steering Column	45
Clockspring C3	BK	Steering Column	46
Clockspring C4	BK	Steering Column	46
Cluster C1	GY	Rear of Instrument Cluster	50
Cluster C3	WT	Rear of Instrument Cluster	50
Cluster C4	GY	Rear of Instrument Cluster	50
Clutch-A/C Compressor	BK	At A/C Compressor	3, 7, 8, 15, 12
Coil-Ignition-Left (SRT-10)	BK	Top Front of Engine	27
Coil-Ignition-Right (SRT-10)	BK	Top Front of Engine	N/S
Coil-Ignition-No. 1	BK	Left Top Side of Intake Manifold	7
Coil-Ignition-No. 2	BK	Right Top Side of Intake Manifold	3
Coil-Ignition-No. 3	BK	Left Top Side of Intake Manifold	7
Coil-Ignition-No. 4	BK	Right Top Side of Intake Manifold	3
Coil-Ignition-No. 5	BK	Left Top Side of Intake Manifold	5, 7
Coil-Ignition-No. 6	BK	Right Top Side of Intake Manifold	3
Coil-Ignition-No. 7	BK	Left Top Side of Intake Manifold	7
Coil-Ignition-No. 8	BK	Right Top Side of Intake Manifold	3
Control-A/C-Heater C1	BK	Center of Instrument Panel	49, 50, 51
Control-A/C-Heater C2	BK	Center of Instrument Panel	49, 50
Data Link Connector	BK	Left Bottom of Instrument Panel	50, 53

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Data Link Connector - Engine (Diesel)	BK	Near T/O for Water In Fuel Sensor	N/S
Drive-Fan-Radiator	DK GY	Front Engine Compartment	39
Gauge-Oil Temperature (SRT-10)	NAT	Left Instrument Panel	50
Generator (Except SRT-10)	BK	Front of Engine	7, 10, 15
Generator (SRT-10)	GY	Right Front Engine	12
Heater-Fuel (Diesel)	BK	Left Side Engine	15
Heater-Seat Cushion - Driver	BL	Under Driver Seat	N/S
Heater-Seat Cushion - Passenger	BL	Under Passenger Seat	N/S
Horn-No. 1	BK	Left Front Fender	32, 40
Horn-No. 2	BK	Left Front Fender	32, 39, 40
Injector-Fuel-No. 1	BK	Left Top Engine	7, 11
Injector-Fuel-No. 2	BK	Right Top Engine	3,11
Injector-Fuel-No. 3	BK	Left Top Engine	7,11
Injector-Fuel-No. 4	BK	Right Top Engine	3,11
Injector-Fuel-No. 5	BK	Left Top Engine	7,11
Injector-Fuel-No. 6	BK	Right Top Engine	3,11
Injector-Fuel-No. 7	BK	Left Top Engine	7,11
Injector-Fuel-No. 8	BK	Right Top Engine	3,11
Injector-Fuel-No. 9 (SRT-10)	BK	Left Top Engine	11
Injector-Fuel-No. 10 (SRT-10)	BK	Right Top Engine	11
Lamp-Cab No. 1	BK	Left Roof	67
Lamp-Cab No. 2	BK	Left-Center Roof	67
Lamp-Cab No. 3	BK	Center Roof	67
Lamp-Cab No. 4	BK	Right-Center Roof	67
Lamp-Cab No. 5	BK	Right Roof	67
Lamp-Center Bezel	GY	Center Stack	50
Lamp-CHMSL-Aftermarket		Left Rear Chassis	70
Lamp-Dome-Rear	BK	Center of Headliner	56
Lamp-Fender Marker-Front Left (Dual Wheels)	BK	Front of Left Rear Fender	71
Lamp-Fender Marker-Front Right (Dual Wheels)	BK	Rear of Left Rear Fender	71
Lamp-Fender Marker-Rear Left (Dual Wheels)	BK	Front of Right Rear Fender	71
Lamp-Fender Marker-Rear Right (Dual Wheels)	BK	Rear of Right Rear Fender	71
Lamp-Fog-Left Front	WT	Left Front Facia	N/S
Lamp-Fog-Right Front	WT	Right Front Facia	N/S
Lamp-Headlamp-Left	BL	At Headlamp	32, 39, 40
Lamp-Headlamp-Right	BL	At Headlamp	1, 30, 35
Lamp-High Mounted Stop/Cargo	BK	Rear of Cab	56, 68
Lamp-License-Left	BK	At Rear Bumper	69, 70
Lamp-License-Right	BK	At Rear Bumper	69, 70

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Lamp-Glove Box	BK	At Glove Box	50, 54
Lamp-Park/Turn-Left Front	BK	At Lamp	32, 39, 40
Lamp-Park/Turn-Right Front	BK	At Lamp	1, 30, 35
Lamp-Reading-Front	NAT	Center of Headliner	56
Lamp-Tail/Stop/Turn-Left	BK	At Lamp	69, 70
Lamp-Tail/Stop/Turn-Right	BK	At Lamp	69, 70
Lamp-Underhood	BK	Left Hood	43
Lamp-Vanity-Left (SRT-10)	BK	Left Headliner	56
Lamp-Vanity-Right (SRT-10)	BK	Right Headliner	56
Lamp Bar-Tailgate		At Tailgate	N/S
Latch-Door-Driver	BK	Left Front Door	57
Latch-Door-Left Rear	BK	Left Rear Door	59
Latch-Door-Passenger	BK	Right Front Door	58
Latch-Door-Right Rear	BK	Right Rear Door	59
Mirror-Inside Rearview C1	BK	Top Center of Windshield	67
Mirror-Inside Rearview C2	BK	Top Center of Windshield	67
Mirror-Outside Rearview-Driver	BK	At Mirror	57
Mirror-Outside Rearview-Passenger	BK	At Mirror	58
Module-Airbag Control C1	YL	Lower Center of Instrument Panel	50, 51
Module-Airbag Control C2	YL	Lower Center of Instrument Panel	60, 65
Module-Anti-Lock Brakes C1	BK	Left Fender Side Shield	31, 33, 34
Module-Anti-Lock Brakes C2 (ABS)	BK	Left Fender Side Shield	31, 34
Module-Brake Provision	BL	Left Kick Panel	31, 33
Module-Electronic Overhead	BK	In Overhead Console	N/S
Module-Engine Control C1	BK	Left Engine	15, 16
Module-Engine Control C2	BK	Left Engine	15, 16
Module-Final Drive Control		Right Front Engine Compartment	30
Module-Fuel Pump	LT GY	At Fuel Tank	69
Module-Hands Free C1	DK GY	Right Instrument Panel	54
Module-Hands Free C2	DK GY	Right Instrument Panel	54
Module-Hands Free C3		Right Instrument Panel	54
Module-Heated Seats	GN	Under Driver Seat	N/S
Module-Integrated Power C1	BK	Left Front Fender	35, 39
Module-Integrated Power C2	WT	Left Front Fender	35, 39
Module-Integrated Power C3	GN	Left Front Fender	35, 39
Module-Integrated Power C4	WT	Left Front Fender	35, 39
Module-Integrated Power C5	BK	Left Front Fender	35, 39
Module-Integrated Power C6	BK	Left Front Fender	35, 39
Module-Integrated Power C7	GY	Left Front Fender	35, 39
Module-Integrated Power Eyelet	-	Right Side of IPM	37
Module-Integrated Power FCM	BK	In IPM	N/S
Module-Powertrain Control C1 (NGC)	BK	Right Rear Engine Compartment	4

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Module-Powertrain Control C1 (SRT-10)	BK	Right Rear Engine Compartment	41
Module-Powertrain Control C2 (NGC)	OR	Right Rear Engine Compartment	4
Module-Powertrain Control C2 (SRT-10)	WT	Right Rear Engine Compartment	41
Module-Powertrain Control C3 (NGC)	WT	Right Rear Engine Compartment	30
Module-Powertrain Control C3 (SRT-10)	GY	Right Rear Engine Compartment	30
Module-Powertrain Control C4	GN	Right Rear Engine Compartment	4
Module-Sentry Key Immobilizer	BK	On Steering Column	44
Module-Transfer Case Control C1	BK	Left Side of Instrument Panel	50, 53
Module-Transfer Case Control C2	GY	Left Side of Instrument Panel	50, 53
Module-Transfer Case Control C3	BK	Left Side of Instrument Panel	50, 53
Module-Wiper	BK	Left Side of Cowl	31, 34
Motor-Adjustable Pedals		Left of Instrument Panel	45
Motor-Blower	BK	Behind Right Side of Instrument Panel	N/S
Motor-Condenser Fan	BK	Near Condenser	32, 33
Motor-IAC	BK	On Throttle Body	7, 11
Motor-Seat Adjuster-Driver Horizontal	BK	At Driver Seat	N/S
Motor-Seat Adjuster-Driver Lumbar	DK GY	At Driver Seat	N/S
Motor-Seat Adjuster-Front Driver Vertical	RD	At Driver Seat	N/S
Motor-Seat Adjuster-Front Passenger Vertical	BK	At Passenger Seat	N/S
Motor-Seat Adjuster-Passenger Horizontal	BK	At Passenger Seat	N/S
Motor-Seat Adjuster-Passenger Lumbar	BK	At Passenger Seat	N/S
Motor-Seat Adjuster-Passenger Vertical	BK	At Passenger Seat	N/S
Motor-Seat Adjuster-Rear Driver Vertical	BK	At Driver Seat	N/S
Motor-Sunroof		Center Headliner	N/S
Motor-Window-Left Front	BK	In Passenger Door at Motor	58
Motor-Window-Left Rear	BK	In Door at Motor	59
Motor-Window-Right Front	BK	In Passenger Door at Motor	58
Motor-Window-Right Rear	BK	In Door at Motor	59
Power Outlet-Cigar Lighter	NAT	Rear of Cigar Lighter	47, 50, 51
Power Outlet-Instrument Panel	RD	Center of Instrument Panel	50
Power Outlet-Rear (SRT-10)	BK	Rear of Center Console	61
Pump-Fuel Injection (Diesel)	BK	Left Side Engine	15
Pump-Leak Detection (SRT-10)	BK	Rear of Transmission	26, 28

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Pump-Washer-Windshield	BK	At Washer Fluid Reservoir	30, 32, 35, 39
Radio C1 (Base)	GY	Rear of Radio	50, 51
Radio C1 (Premium)	BK	Rear of Radio	51
Radio C2 (Premium)	BK	Rear of Radio	51
Receiver-Satellite		Rear Cab Floor	62, 63
Receiver-Satellite Antenna No. 1		At Receiver on Rear Cab Floor	62, 63
Receiver-Satellite Antenna No. 2		At Receiver on Rear Cab Floor	62, 63
Relay-Intake Air Heater	-	Right Engine Compartment	2
Relay-Run-Accessory (SRT-10)		Left Kick Panel	33
Relay-Starter		Left Kick Panel	33
Resistor-Blower Motor	BK	Behind Right Side of Instrument Panel	N/S
Seat Belt-Tensioner-Driver	YL	Left B-Pillar	60, 65
Seat Belt-Tensioner-Passenger	YL	Right B-Pillar	64, 66
Seat Belt-Tension Reducer (Standard Cab)	YL	Left B-Pillar	60
Sensor-Accelerator Pedal Position	BK	Under Battery Tray	36
Sensor-Ambient Air Temperature	BK	Left Rear of Hood	32, 40
Sensor-Battery Temperature	BK	Below Battery Tray	31, 34, 35, 39
Sensor-Brake Fluid Level	BK	Near Master Cylinder	31, 34, 40
Sensor-Camshaft Position	GY	Right Front Side of Engine	3, 10
Sensor-Crankshaft Position (Except SRT-10)	BK	Right Rear of Engine Block	3, 10
Sensor-Crankshaft Position (SRT-10)	BK	Front Underside of Engine	N/S
Sensor-Engine Coolant Temperature	BK	Front of Engine	7, 11
Sensor-Engine Oil Pressure (SRT-10)		Lower Right Front Engine	14
Sensor-Engine Oil Temperature (SRT-10)	BK	Lower Right Front Engine	14
Sensor-Evaporator Temperature	BK	Right Side of HVAC	N/S
Sensor-Fuel Pressure	BK	Left Rear of Transmission	N/S
Sensor-Input Speed	BK	At Transmission	21, 22
Sensor-Intake Air Temperature	BK	On Intake Manifold	5, 13
Sensor-Knock	BK	Left Rear of Engine	5, 8, 10
Sensor-Knock No. 1 (5.7L)	BK	Left Rear of Engine	N/S
Sensor-Knock No. 2 (5.7L)	BK	Right Rear of Engine	N/S
Sensor-Knock No. 1 (SRT-10)		Right Side Engine	11
Sensor-Knock No. 2 (SRT-10)		Left Rear Engine	11
Sensor-Line Pressure	BK	Right Rear of Transmission	21, 24
Sensor-MAP	GY	Left Front of Intake Manifold	7, 11
Sensor-Output Speed	DB	Left Side of Transmission	17, 20, 21, 22
Sensor-Oxygen-Left Front	BK	Left Front of Side of Transmission	21, 22, 23, 25, 26, 27

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Sensor-Oxygen-Left Rear	NAT	Left Rear of Side of Transmission	21, 22, 23, 25, 26, 27
Sensor-Oxygen-Right Front	BK	Right Front Side of Transmission	21, 23, 24, 27
Sensor-Oxygen-Right Rear	BK	Right Rear Side of Transmission	21, 23, 24, 26, 27
Sensor-Side Impact-Left 1	YL	Left B-Pillar	60, 65
Sensor-Side Impact-Right 1	YL	Right B-Pillar	64, 66
Sensor-Temperature/Pressure-Intake	BK	Right Side Engine	15
Sensor-Temperature/Pressure MAP (Diesel)	BK	Left rear Engine	N/S
Sensor-Throttle Position (Except SRT-10)	NAT	Throttle Body	7
Sensor-Throttle Position (SRT-10)	NAT	Top of Engine	13
Sensor-Transfer Case Position (Manual Transfer Case)		Near T/O for Backup Lamp Switch	22, 23, 25, 29
Sensor-Transmission Range	BK	Left side of Transmission	17, 20
Sensor-Washer Fluid Level	BK	At Reservoir	30, 32, 35, 39
Sensor-Water In Fuel (Diesel)	BK	Left Side Engine	15
Sensor-Wheel Speed-ABS-Left Front	BK	Left Rear Lower Side of Engine Compartment	31, 40
Sensor-Wheel Speed-ABS-Rear	BK	Right Rear of Body	70
Sensor-Wheel Speed-ABS-Right Front	GY	Right Rear Lower Side of Engine Compartment	30
Servo-Speed Control	BK	Left Front Side of Engine Compartment	32, 34
Solenoid-Brake Transmission Shift Interlock	BK	Near Steering Column	45, 50, 53
Solenoid-Evap/Purge	BK	Left Fender Side Shield	32, 34
Solenoid-Locker-Front		Left Rear Engine	6
Solenoid-Locker-Rear		At Rear Differential	70
Solenoid-Radiator Fan (SRT-10)	BK	At Fan	N/S
Solenoid-Reverse Lock-Out (SRT-10)	WT	Left Rear of Transmission	26
Solenoid-Wastegate		Right Front Engine	15
Speaker-Instrument Panel-Center	WT	Center of Instrument Panel	50, 51
Speaker-Instrument Panel-Left	BK	Left Side of Instrument Panel	50, 53
Speaker-Instrument Panel-Right	BK	Right Side of Instrument Panel	50, 54
Speaker-Left Front Door	WT	In Left Front Door	57
Speaker-Left Rear (Standard Cab)	WT	In Lower Left B-Pillar	60
Speaker-Left Rear (Quad Cab)	WT	In Left Rear Door	59
Speaker-Right Front Door	WT	In Right Front Door	58
Speaker-Right Rear (Standard Cab)	BK	In Lower Right B-Pillar	64
Speaker-Right Rear (Quad Cab)	BK	In Right Rear Door	59
Speaker-Subwoofer (SRT-10)		Rear Center Cab	61, 64
Starter	-	Left Rear of Engine	6, 12

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Starter Solenoid	NAT	Left Engine	32
Switch-Adjustable Pedals	BL	Left of Instrument Panel	50, 53
Switch-Axle Lock		At Transfer Case	32
Switch-Back Up Lamp (Except SRT-10)	BK	Left Rear of Transmission	18, 19, 23, 25
Switch-Back Up Lamp (SRT-10)	BR	Right Side of Transmission	26
Switch-Clutch Interlock	BK	At Clutch Pedal	31, 33
Switch-Disconnecting Stabilizer Bar		At Transfer Case	32
Switch-Door Key Position (Premium)	BK	In Left Front Door	57
Switch-Door Lock-Passenger	BL	In Right Front Door	58
Switch-Headlamp	BK	Left Side of Instrument Panel	47, 50, 53
Switch-Heated Seat-Driver	RD	Center of Instrument Panel	48, 50, 51
Switch-Heated Seat-Passenger	BL	Center of Instrument Panel	48, 50, 51
Switch-Horn	WT	In Steering Wheel	N/S
Switch-Ignition	BK	Steering Column	45
Switch-Multifunction	BK	On Steering Column	45
Switch-Oil Pressure (Except SRT)	BK	Lower Left Side of Engine	7, 10
Switch-Parking Brake	BK	At Park Brake	31, 33
Switch-Passenger Airbag On/Off	BK	Right Side of Instrument Panel	48, 50, 54
Switch-Power Steering Pressure	BK	Near Power Steering Pump	8
Switch-Power Window-Left Rear	BL	In Door	59
Switch-Power Window-Passenger	BL	Passenger Door	58
Switch-Power Window-Passenger	BL	In Right Front Door	58
Switch-Power Window-Right Rear	BL	In Door	59
Switch-Push-Button Starter	NAT	Center Instrument Panel	51
Switch-PTO		Near G107	N/S
Switch-Remote Radio-Left	BK	At Steering Wheel	46
SwitchRemote Radio-Right	BK	At Steering Wheel	46
Switch-Seat-Driver	BK	At Driver Seat	N/S
Switch-Seat-Passenger	BK	At Passenger Seat	N/S
Switch-Seat Belt-Driver	DK GY	Left B-Pillar	N/S
Switch-Speed Control-Left (Except ETC)	GN	At Steering Wheel	N/S
Switch-Speed Control-Right (ETC)	NAT	At Steering Wheel	N/S
Switch-Speed Control-Right (Except ETC)	GN	At Steering Wheel	N/S
Switch-Speed Control-Right (ETC)	NAT	At Steering Wheel	N/S
Switch-Stop Lamp	BK	Top of Brake Pedal Arm	44, 50, 53
Switch-Tow/Haul Overdrive	WT	Center of Instrument Panel	50
Switch-Transfer Case Selector	BK	Center of Instrument Panel	17, 18, 48, 50, 51
Switch-Window/Door Lock-Driver C1	BL	In Left Front Door	57

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Switch-Window/Door Lock-Driver C2	BL	In Left Front Door	57
Throttle Body		Top of Engine	9
Transducer-A/C Pressure (Diesel/SRT)	BK	Left Side of A/C Compressor	15
Transducer-A/C Pressure (NGC)	GY	Left Side of A/C Compressor	7, 8
Wiring-Trailer Tow 4-Way	BK	At Trailer Hitch	70
Wiring-Trailer Tow 7-Way	BK	At Trailer Hitch	70, 72

GROUNDS

GROUND NUMBER	LOCATION	FIG.
G100	Battery Ground - Left Front Engine	37
G101	Battery Ground - Left Front Engine	16, 38
G102	Battery Ground - Left Front Chassis	38
G103	Left Front Engine Compartment	31
G104	Left Front Engine Compartment	N/S
G105	Right Side Engine Compartment	4, 15, 30
G106	Left Rear Engine Compartment	31, 40
G108	Diesel Auxiliary Battery Ground	N/S
G109	Diesel Auxiliary Battery Ground	N/S
G110 (SRT-10)	Right Engine Compartment Frame Rail	41
G114 (SRT-10)	Left Side Engine Compartment	32
G114 (Diesel)	Right Side Engine Compartment	15
G115 (SRT-10)	Rear Engine	N/S
G120	Left Side Engine	15
G201	Right Side of Instrument Panel	53
G202	Center of Instrument Panel	50, 51
G203	Center of Instrument Panel	50, 51
G204	Right Side of Instrument Panel	50
G301	Left Front Body	55, 60, 65
G302	Left Front Body	55, 60, 65
G303	Below Right Side of Rear Window	67

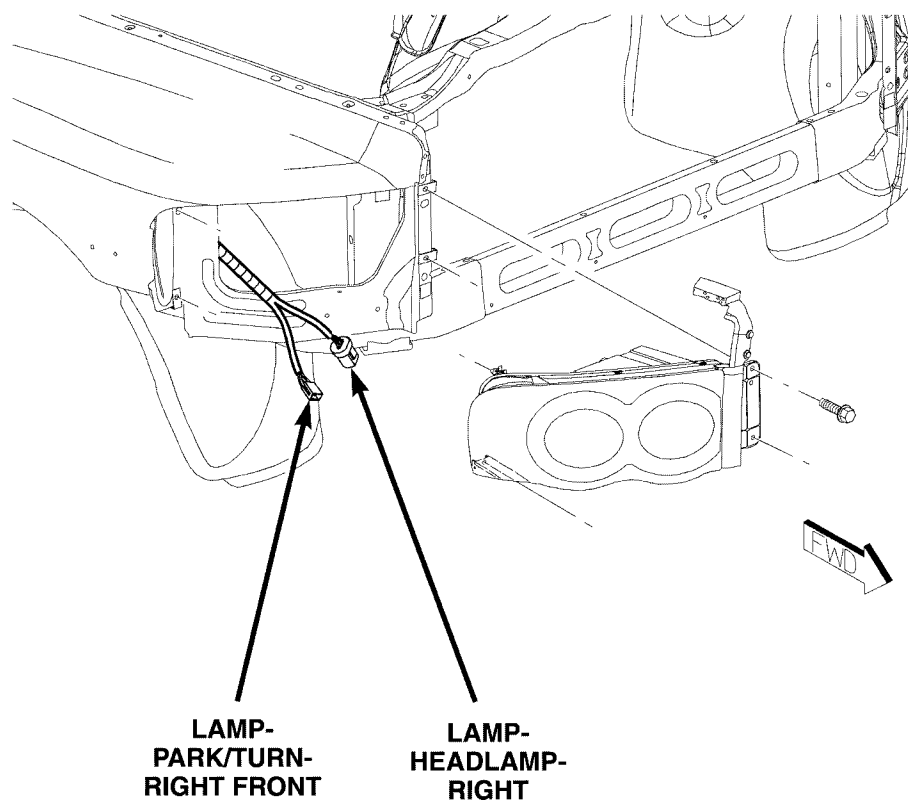
SPLICES

SPLICE NUMBER	LOCATION	FIG.
S101	Left Side Engine Compartment	30
S102	Left Side Engine Compartment	32
S103	Left Rear of Engine Compartment	31, 34
S104	Front Facia	50
S105	Front Facia	N/S
S106	Left Rear of Engine Compartment	32
S107	Left Front Fender	32
S108	Rear Engine Compartment	32, 34
S109	Left Front Fender	32
S110	Left Rear Engine Compartment	32
S111	Center Rear of Engine Compartment	N/S
S112	Right Rear of Engine	3, 4
S113	Rear Engine Compartment	32
S114	Left Rear of Engine Compartment	32
S115	Left Rear of Engine Compartment	N/S
S116 (SRT-10)	Left Rear Engine Compartment	32
S117	Top Right of Engine	11
S120	Left Front Fender	32
S121	Left Rear Engine Compartment	32
S122	Left Front Fender	32
S123 (Gas)	Left Rear Engine Compartment	32
S123 (Diesel)	Left Side Engine Compartment	32
S124	Center Rear of Engine Compartment	N/S
S125	Right Rear of Engine Compartment	4
S126	Right Rear Engine Compartment	41
S127	Right Front Engine Compartment	30
S129	Rear Engine	27
S130	Top Front of Transmission	3, 10
S131 (SRT-10)	Left Top Engine	11
S132 (Except SRT-10)	Left Rear of Engine Compartment	3, 10
S132 (SRT-10)	Right Top Engine	11
S133	Left Rear of Engine	4, 10
S134 (4.7L)	Left Rear of Engine Compartment	21
S134 (5.7L)	Left Rear of Engine Compartment	10
S134 (SRT-10)	Right Top Engine	11
S135 (Except SRT-10)	Headlamp and Dash, Left Side	N/S
S135 (SRT-10)	Left Top Engine	11
S136	Left Front Fender	32
S137	Left Rear of Engine Compartment	30

SPLICE NUMBER	LOCATION	FIG.
S138 (Except SRT-10)	Left Rear of Engine	N/S
S138 (SRT-10)	Right Rear Engine Compartment	41
S139	Right Front of Transmission	N/S
S140	Right Rear Engine Compartment	32
S141 (SRT-10)	Right Rear Engine Compartment	41
S142	Left Side of Engine	3
S143	Left Side of Engine Compartment	N/S
S144	Top Front of Transmission	N/S
S145	Left Front Fender	32
S146	Left Front Transmission	22
S147	Left Side Engine Compartment	32
S148	Top Front of Transmission	3
S149	Left Rear of Engine	7
S150	Top Center of Engine	3, 4, 10
S151	Rear Engine Compartment	32
S152	Left Rear Engine Compartment	32
S153	Rear Engine Compartment	4
S154	Left Top Engine	N/S
S155	Left Rear Engine Compartment near T/O for Fuel Control Actuator	10
S156	Engine Harness in T/O for C115	N/S
S157	Near T/O for Camshaft Position Sensor	N/S
S158	Near T/O for C114	15
S159	Near T/O for Engine Control Module	N/S
S160	Top Left Engine	15
S161	Transfer Case Jumper Near T/O for Transfer Case Control Module	N/S
S162	Left Side Engine	N/S
S163	Right Side Engine	N/S
S164	Near Engine Control Module C2	15
S165	Near Engine Control Module C2	15
S166	In Battery Positive Harness	N/S
S168	Right Rear of Engine	3
S169	Right Rear of Engine	3, 8
S170	Left Engine	15
S171	Top Left Engine	15
S172	In T/O for Fuel Control Actuator	N/S
S173	Center Instrument Panel	50
S174	Left Side Engine Compartment	32
S175	Near T/O for Engine Control Module	N/S
S176	Left Side Engine Near T/O for Fuel Control Actuator	N/S
S177	On Engine Harness Near T/O for C115	N/S
S179	On Smart Bar Jumper	32
S180	On Smart Bar Jumper	32

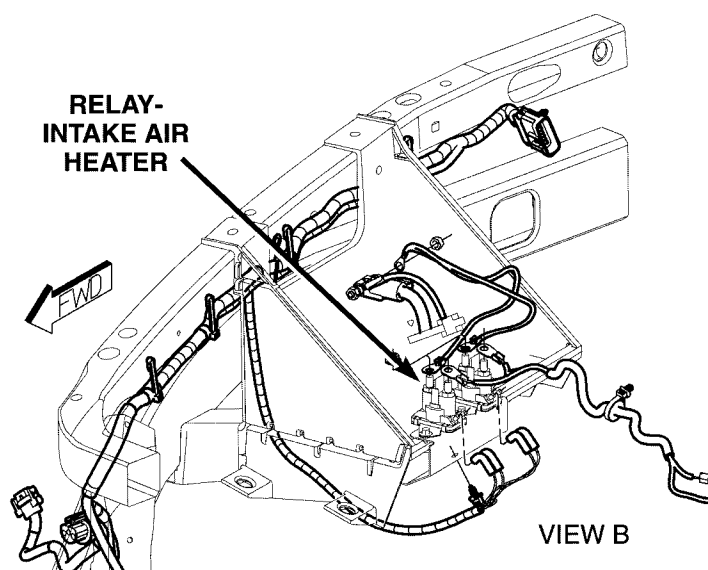
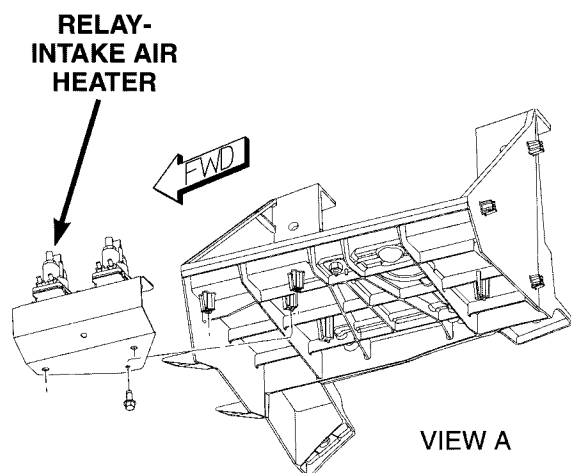
SPLICE NUMBER	LOCATION	FIG.
S181	On Smart Bar Jumper	32
S182	Right Rear Engine Compartment	41
S183	Right Top Engine	11
S185	Left Front Engine	15
S186	Left Front Engine	15
S187	Rear of Engine	8
S188	Left Side Engine	15
S189	Left Front Engine	15
S191	Near Integrated Power Module	32
S192	Left Rear Engine Compartment	32
S193	Left Side Engine Compartment	32
S195	Right Engine Compartment	32
S204	Left Side of Instrument Panel	50
S205	Left Side of Instrument Panel	50
S206	At Steering Column	N/S
S207	At Steering Column	N/S
S208	Left Instrument Panel	50
S209	Center of Instrument Panel	50
S210 (Except SRT-10)	Center of Instrument Panel	50, 53
S212	Left Side of Instrument Panel	45, 53
S214	Left Side of Instrument Panel	45, 53
S216 (Except SRT-10)	Center of Instrument Panel	50, 51
S217	Left Side of Instrument Panel	N/S
S218	Left Side of Instrument Panel	N/S
S219	Center of Instrument Panel	N/S
S220	Center of Instrument Panel	N/S
S221	Center of Instrument Panel	50, 54
S222	Center of Instrument Panel	50
S224	Right Side of HVAC	N/S
S226	Right Side of HVAC	N/S
S228	At Steering Column	N/S
S230	Right Instrument Panel	50
S231	Left Instrument Panel	53
S240	Left Instrument Panel	50
S241	Center Instrument Panel	50, 51
S245	Left Instrument Panel	50
S246	Center Instrument Panel	N/S
S300	Left Kick Panel	55, 60, 65
S301	Center of Headliner	56
S303	Front Center Roof	67
S304	Center of Headliner	N/S

SPLICE NUMBER	LOCATION	FIG.
S305	Front Center Roof	67
S306	Left Side of Frame	N/S
S307	Center of Headliner	N/S
S308	Left Rear Chassis	69, 70
S309	Center Rear of Chassis	70
S310	Front Headliner	56
S311	Left Front of Body	60, 65
S312	Right Door	58
S313	Left Front Door	57
S314	Left Rear Frame Rail	N/S
S315	Left Front Body	55, 60, 65
S316	At Driver Seat	N/S
S318	At Passenger Seat	N/S
S319	Left Front Door	57
S320	Center of Body	60
S321	Left Front Body	60
S322	Left Front Body	64, 66
S323	Left Front Body	64, 66
S324	Left Rear Chassis	70
S325	Left Rear Chassis	70
S326	Left Rear Chassis	70
S327	Left Rear Chassis	70
S328	At Driver Seat	N/S
S329	At Driver Seat	N/S
S330	Center Rear of Chassis	70
S331	Center Rear of Chassis	70
S332	Left Front Door	57
S333	Left Front Body	55, 65
S334	Left Front Body	55, 60, 65
S335	Between Front Seats on Heated Seat Jumper	N/S
S336	Passenger Seat	N/S
S337	Passenger Seat	N/S
S338	Under Passenger Seat	66
S340	Left Rear Fender	71
S341	Right Rear Fender	71
S342	Left Rear Fender	71
S343	Right Rear Fender	71
S344	Center Headliner	56
S345 (SRT-10)	Left Kick Panel	55, 60
S351	Driver Seat	N/S



80d60192

Fig. 1 RIGHT SIDE FRONT LIGHTING



81034971

Fig. 2 RIGHT BATTERY TRAY

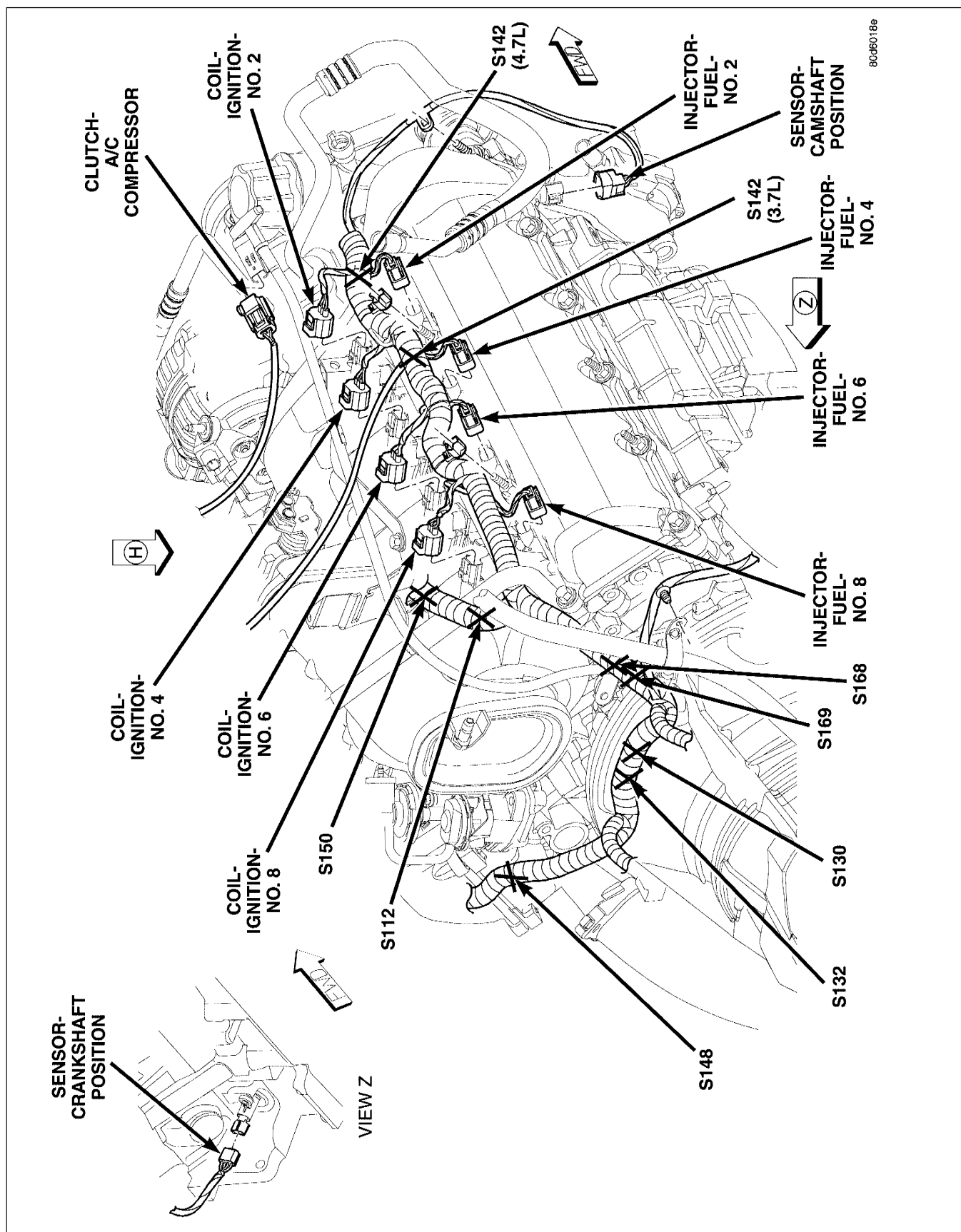


Fig. 3 RIGHT SIDE ENGINE, 4.7L

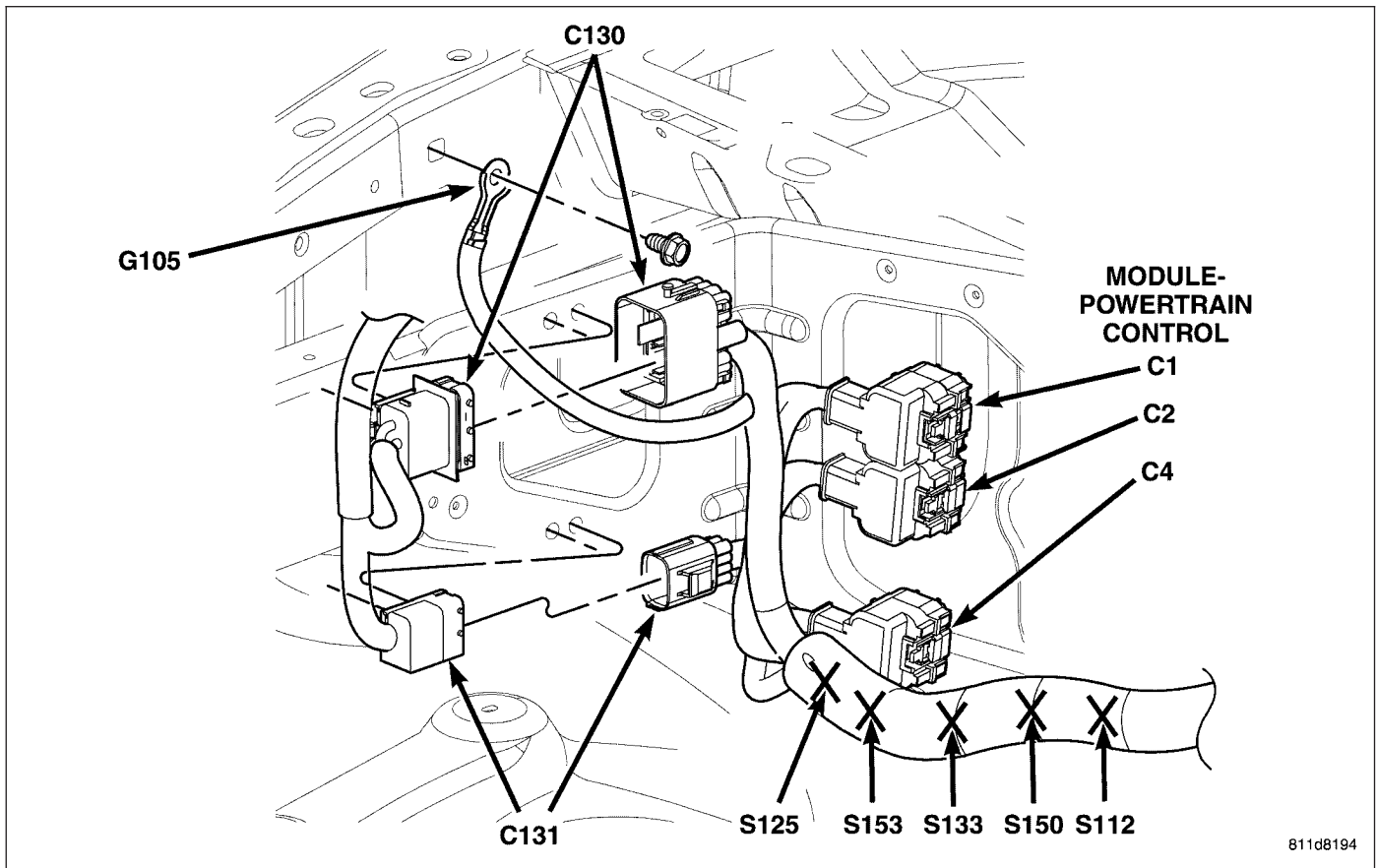
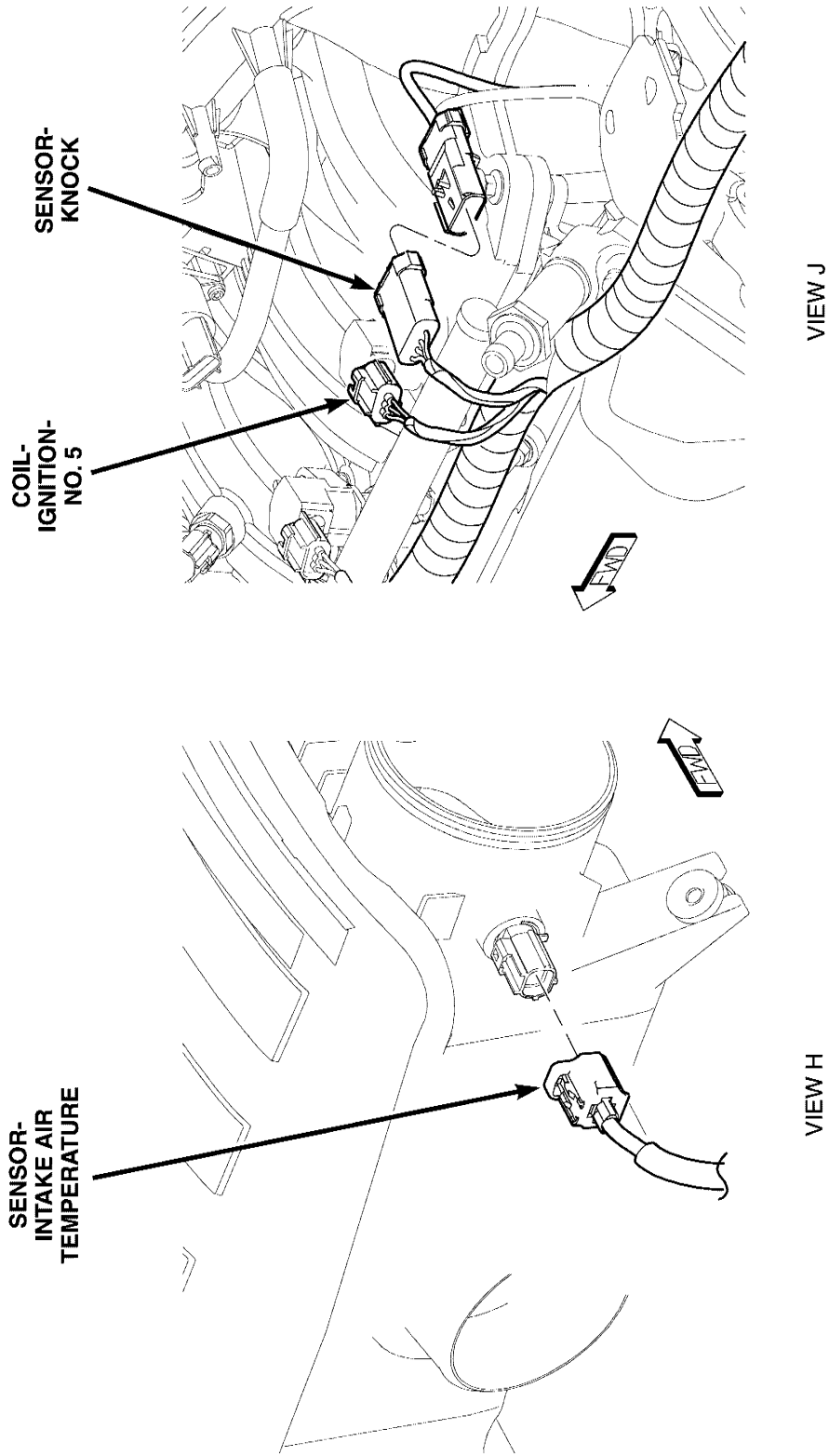


Fig. 4 RIGHT REAR ENGINE COMPARTMENT



811d8198

Fig. 5 RIGHT TOP ENGINE (3.7L/4.7L)

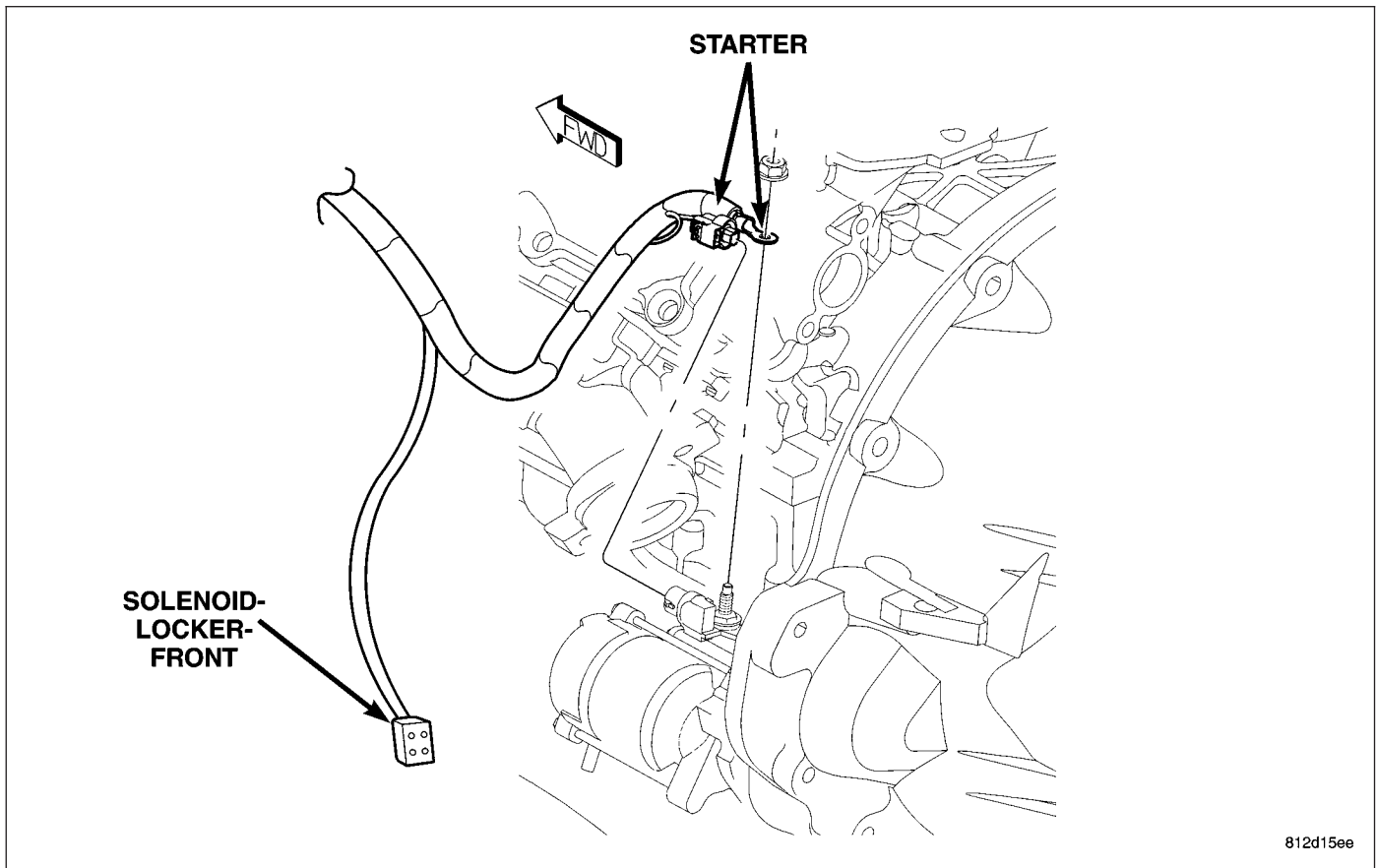


Fig. 6 STARTER

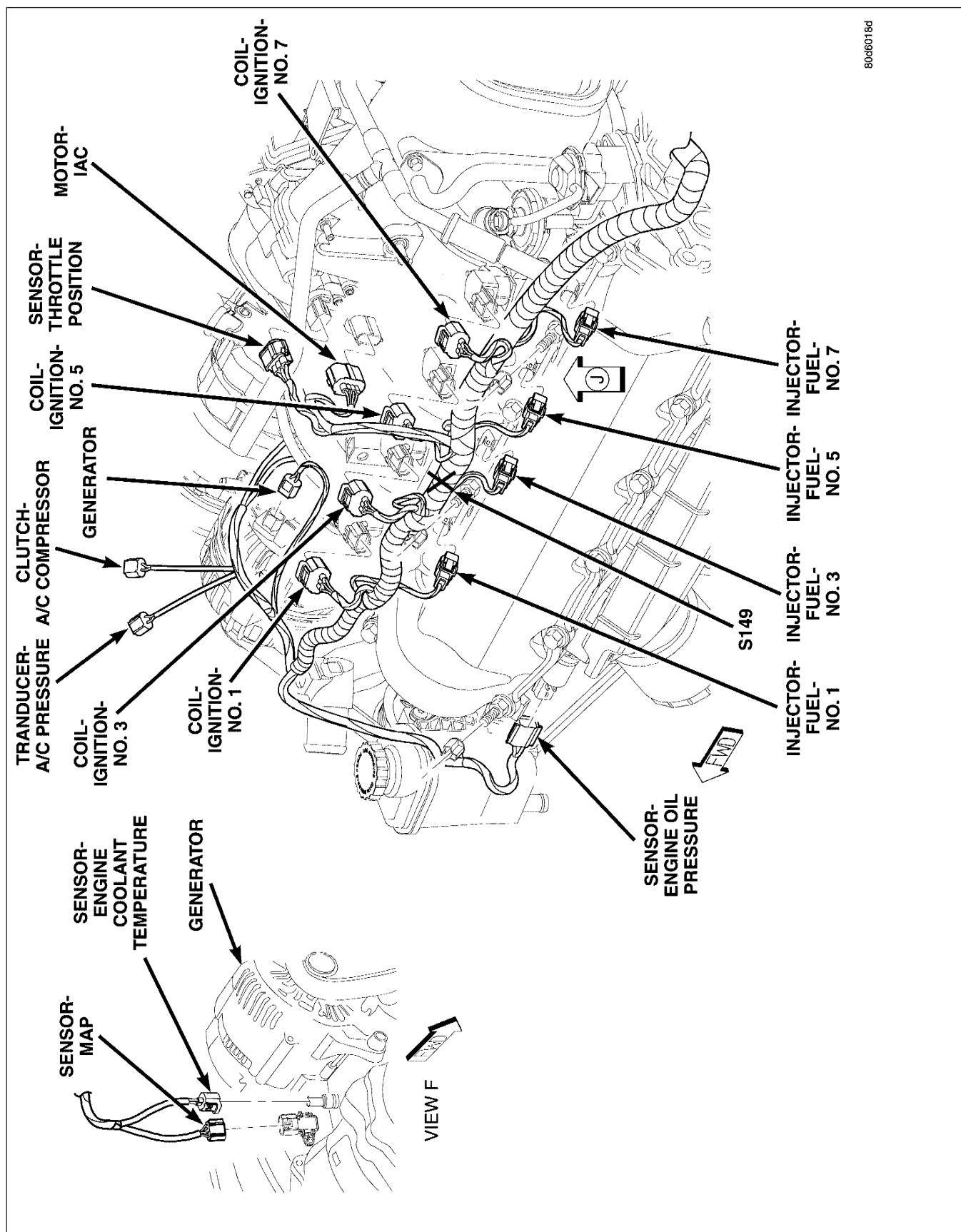


Fig. 7 LEFT SIDE ENGINE (3.7L/4.7L)

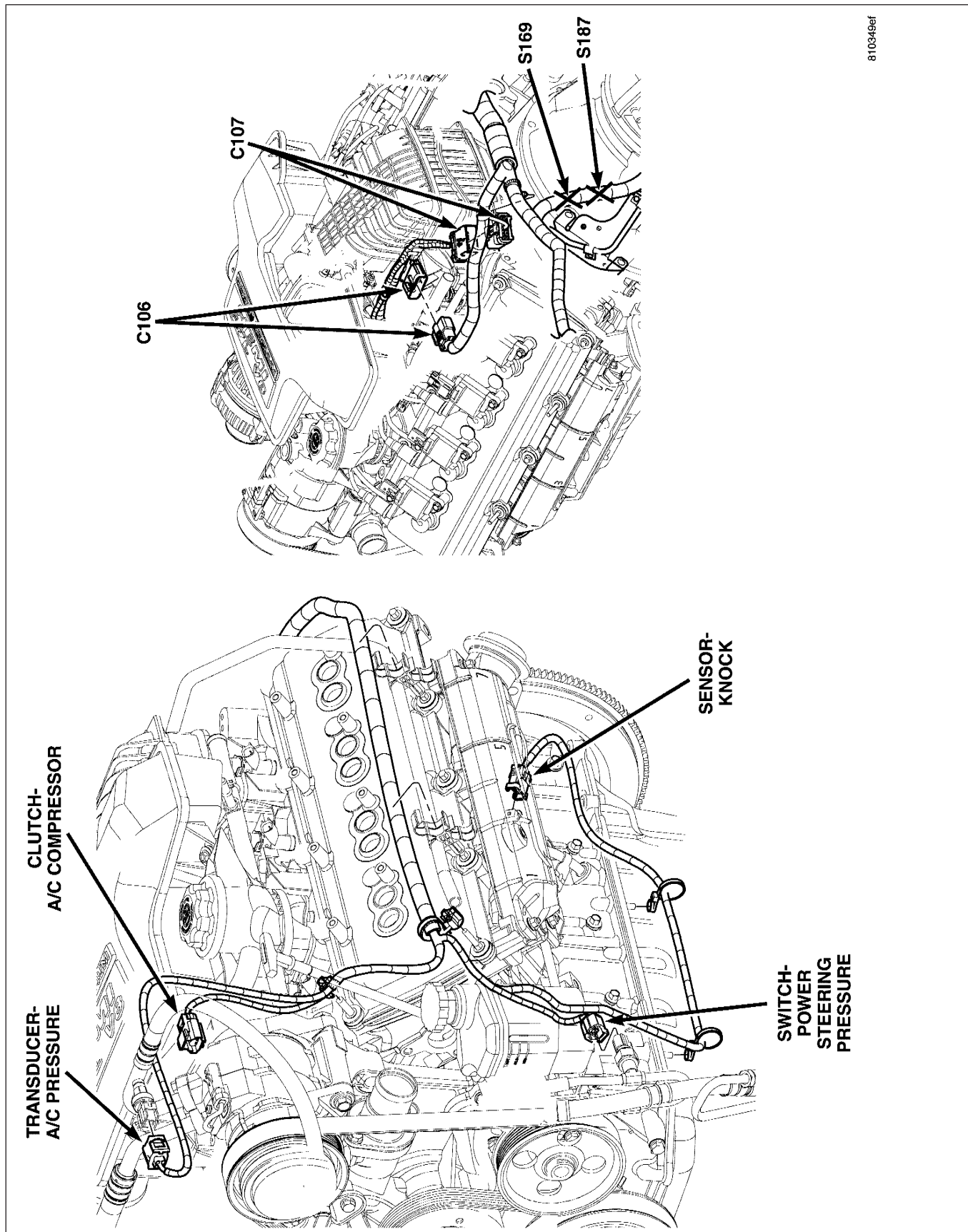


Fig. 8 LEFT SIDE ENGINE (5.7L)

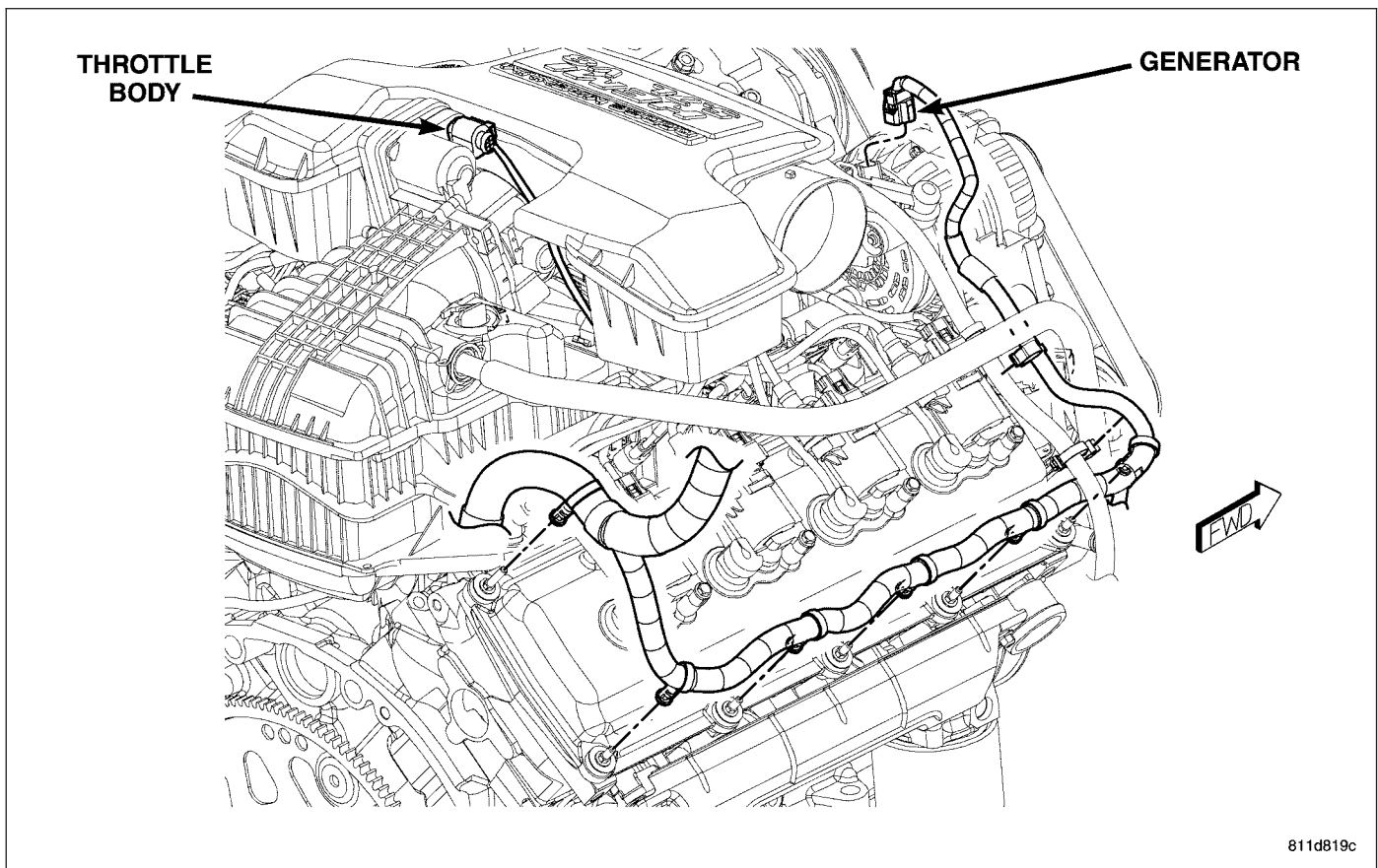


Fig. 9 RIGHT REAR ENGINE (5.7L)

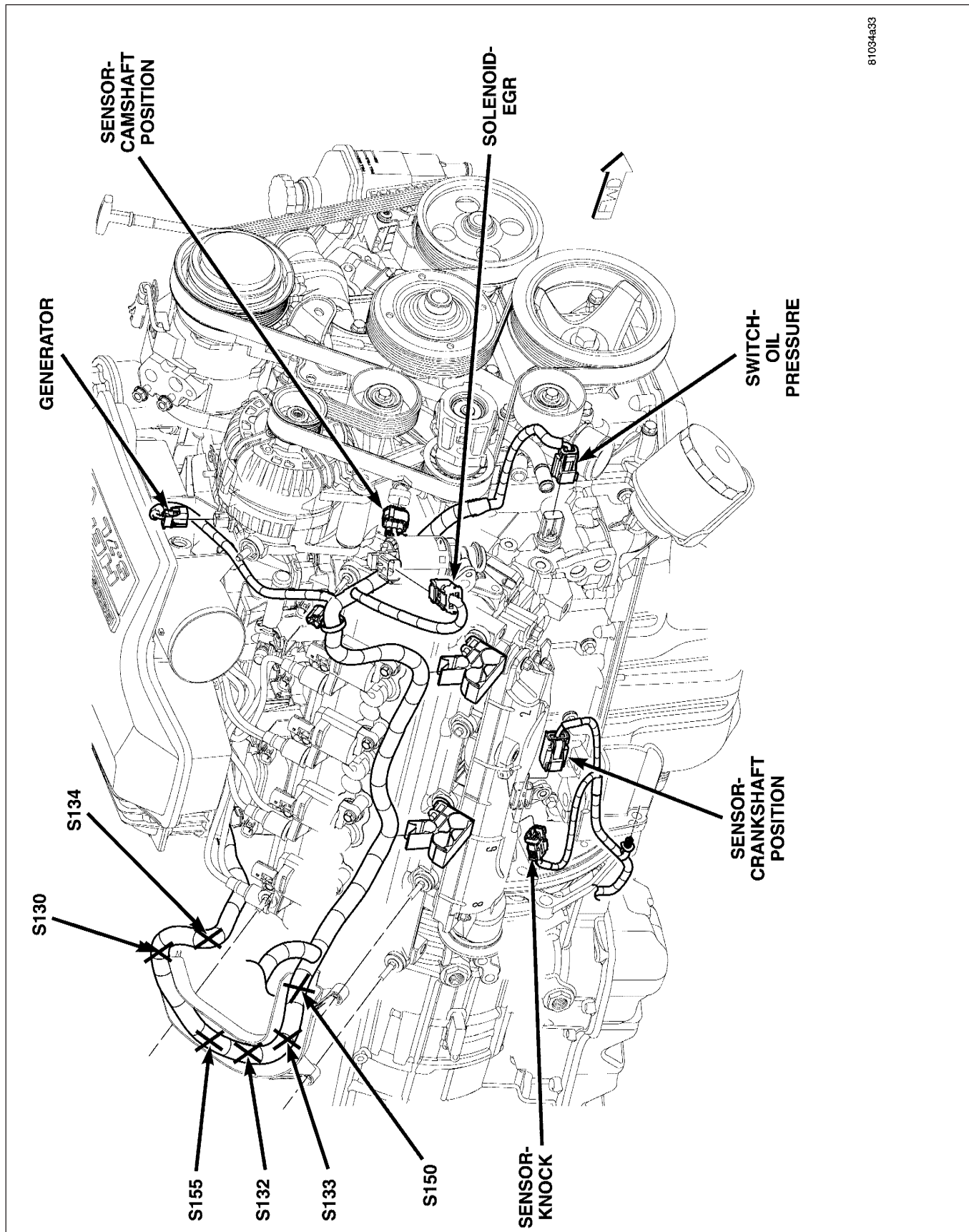


Fig. 10 RIGHT SIDE ENGINE (5.7L)

812d16b0

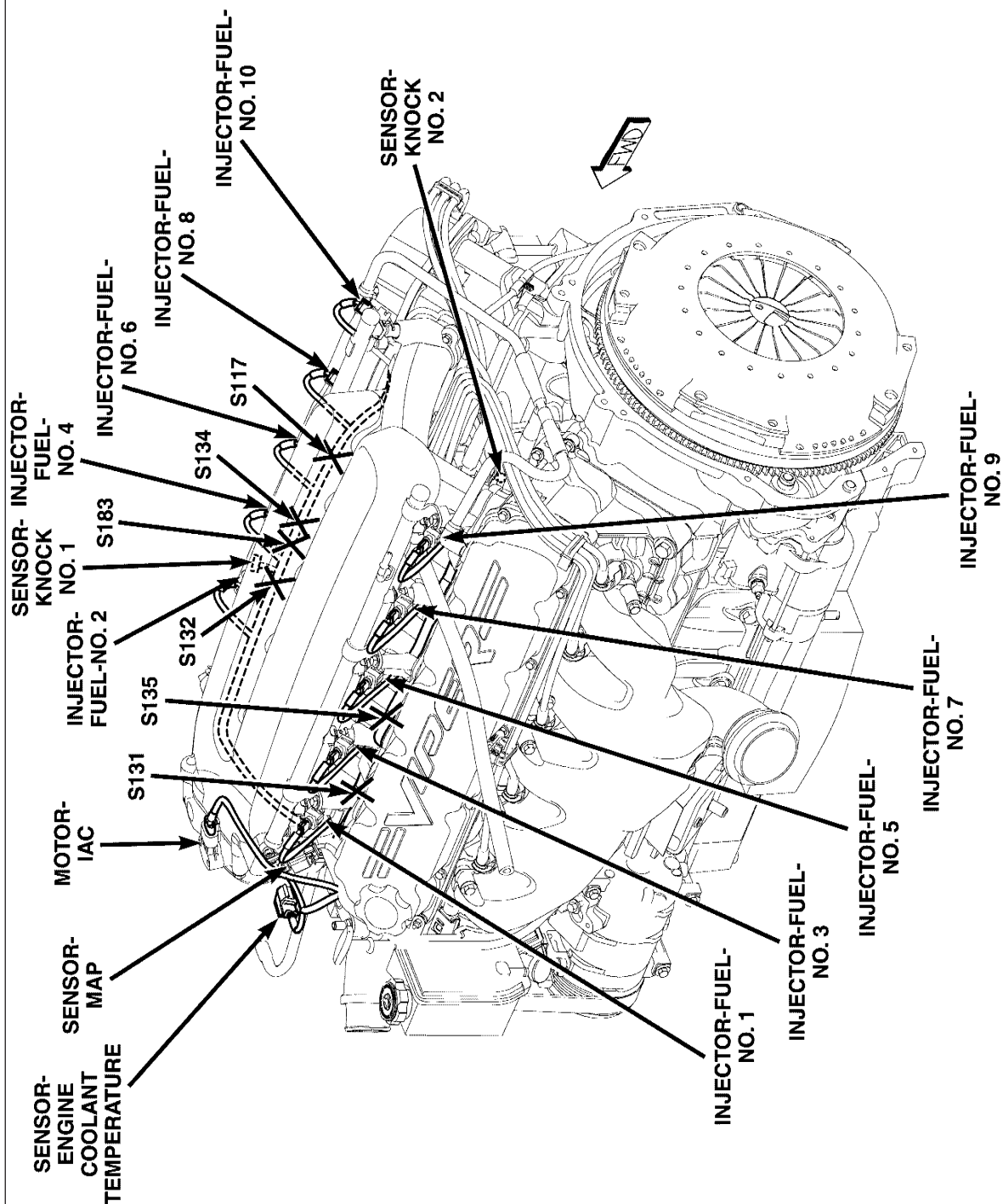


Fig. 11 LEFT REAR ENGINE (SRT)

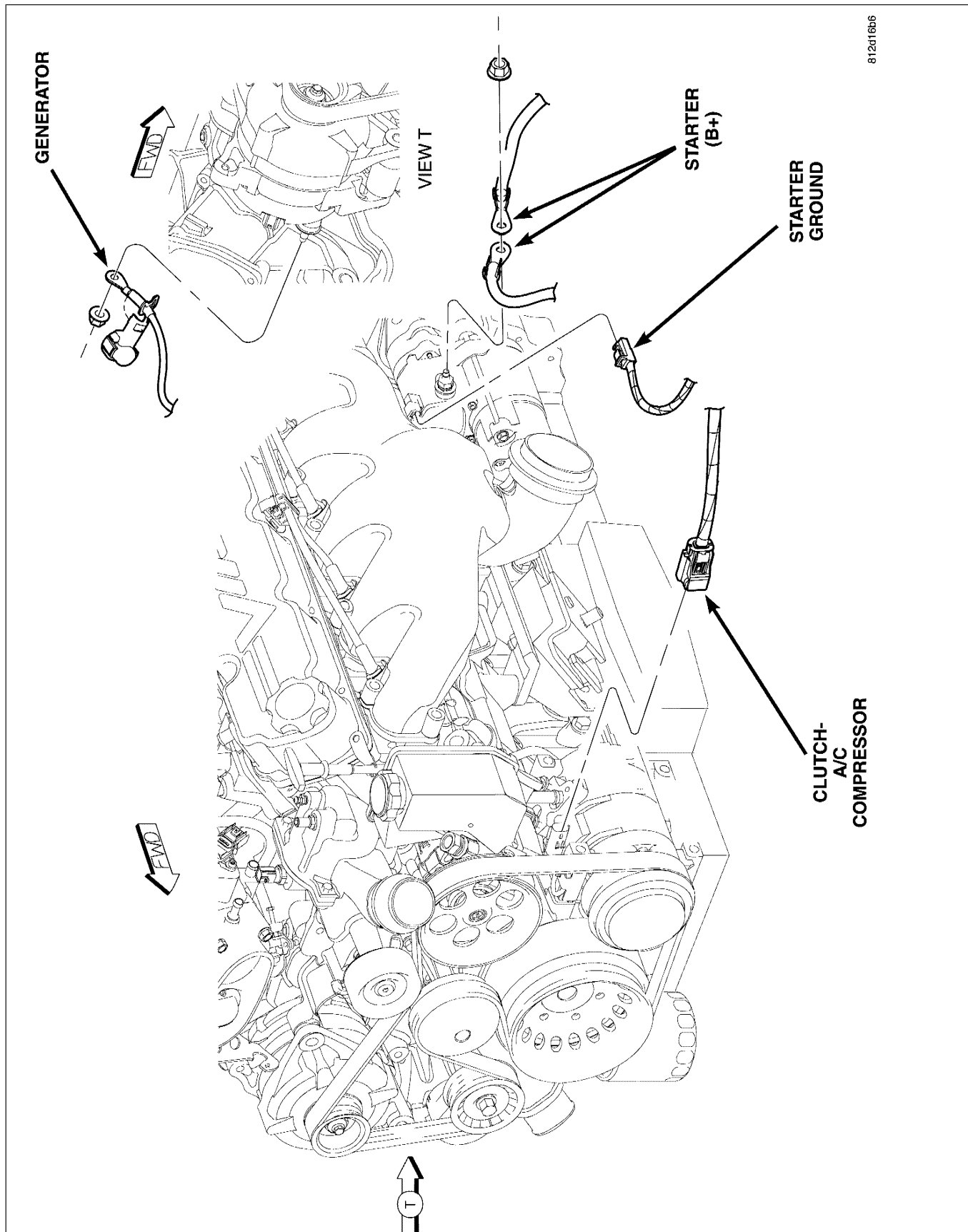


Fig. 12 FRONT ENGINE (SRT)

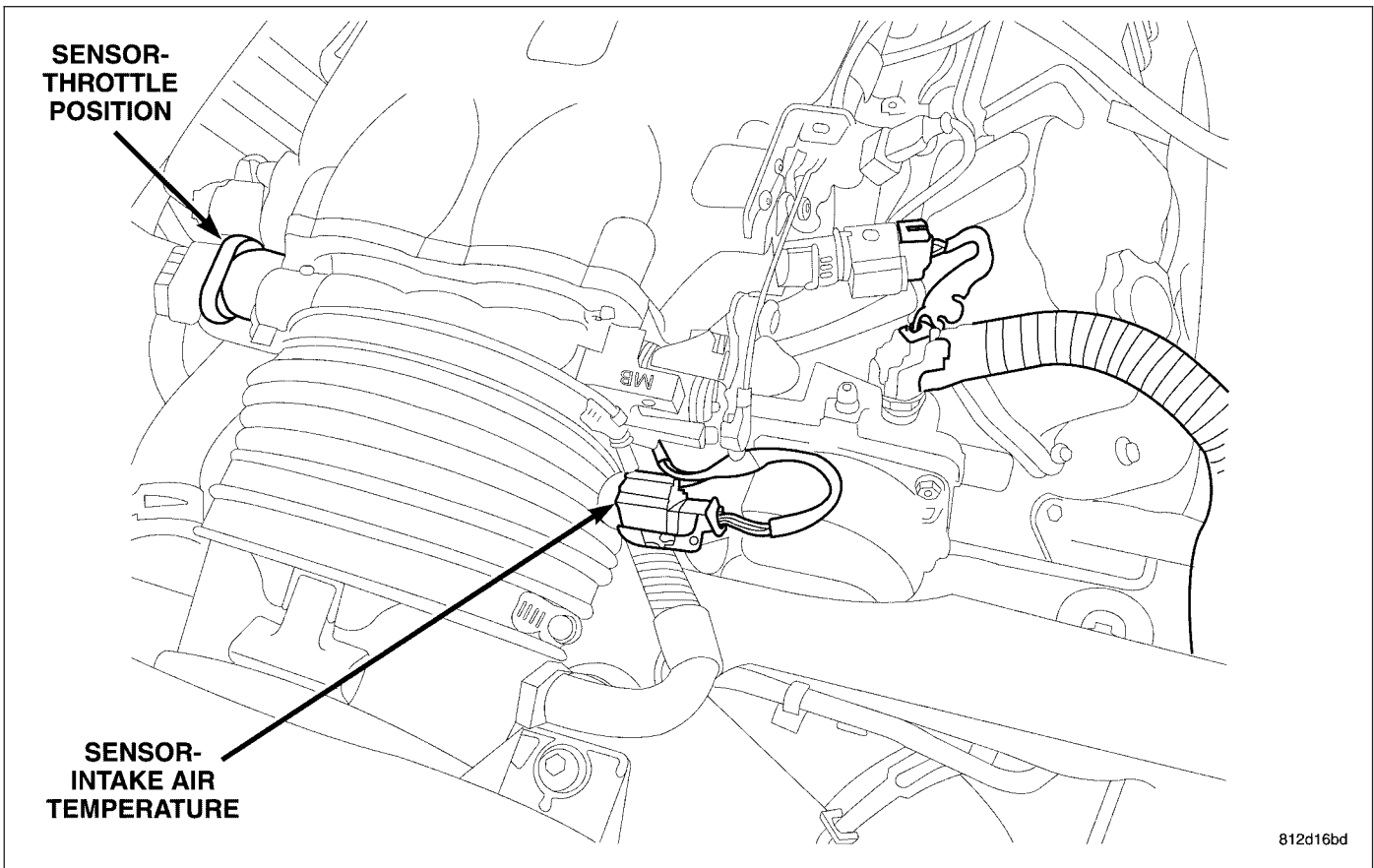


Fig. 13 LEFT FRONT ENGINE (SRT)

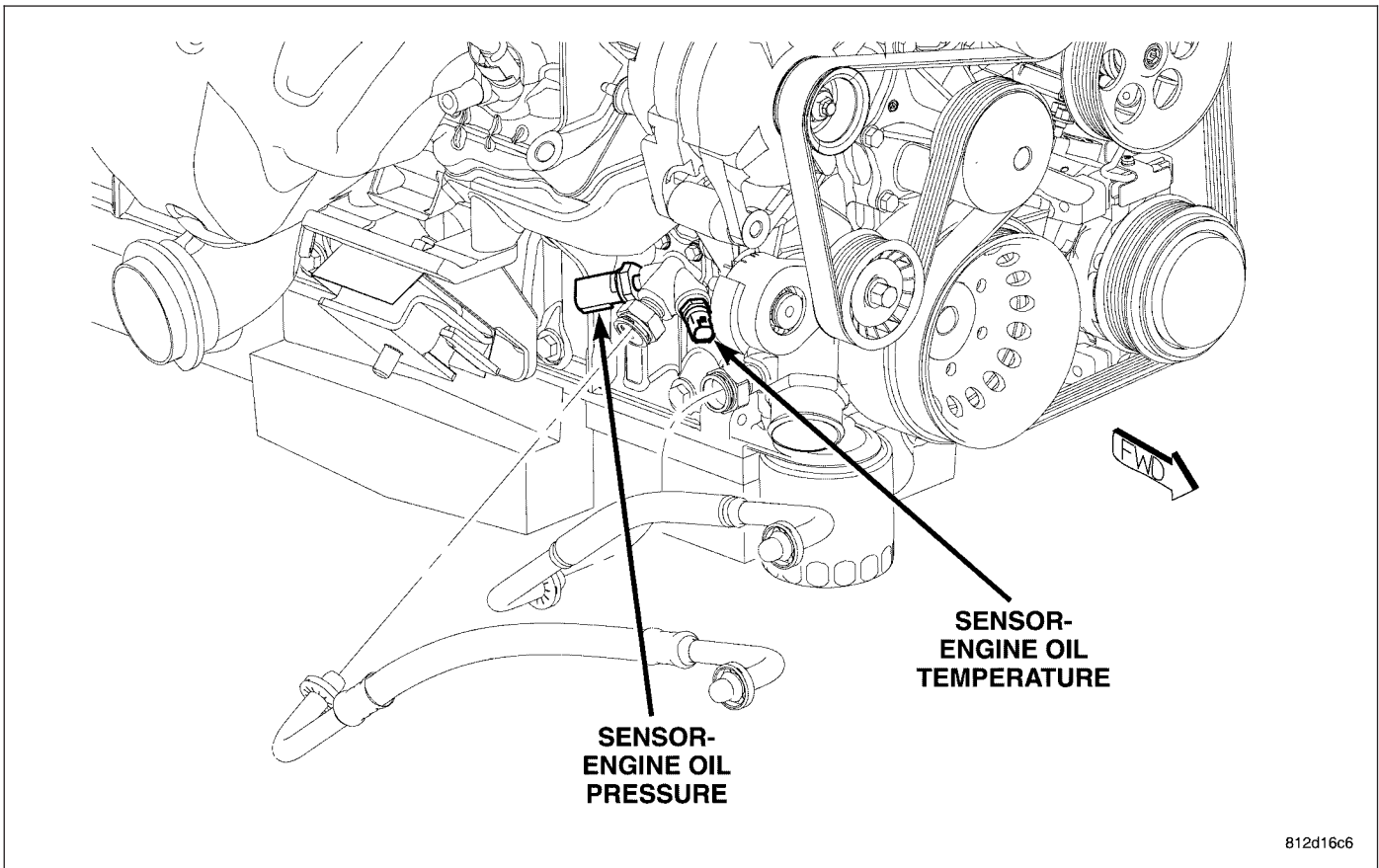


Fig. 14 RIGHT FRONT ENGINE (SRT)

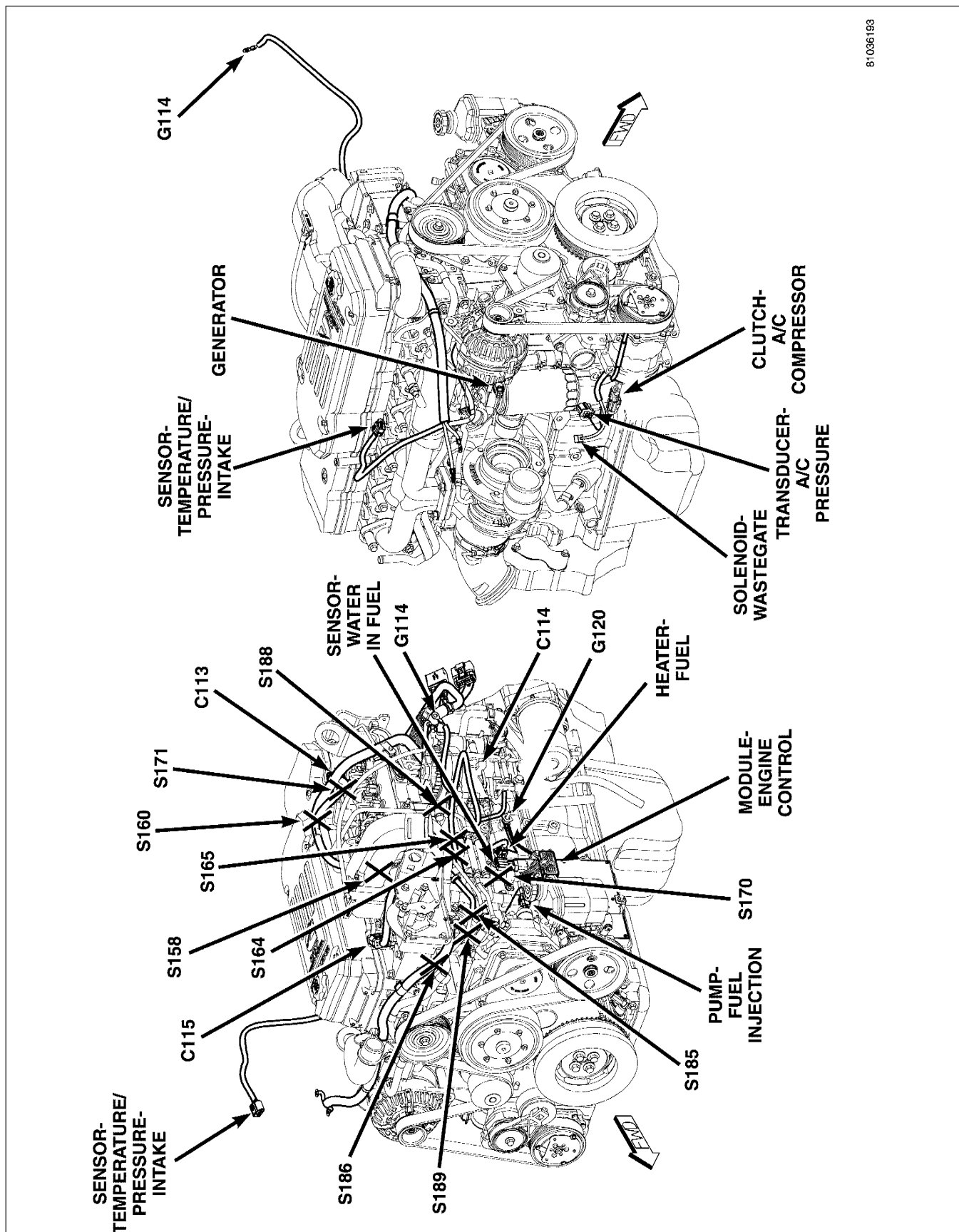
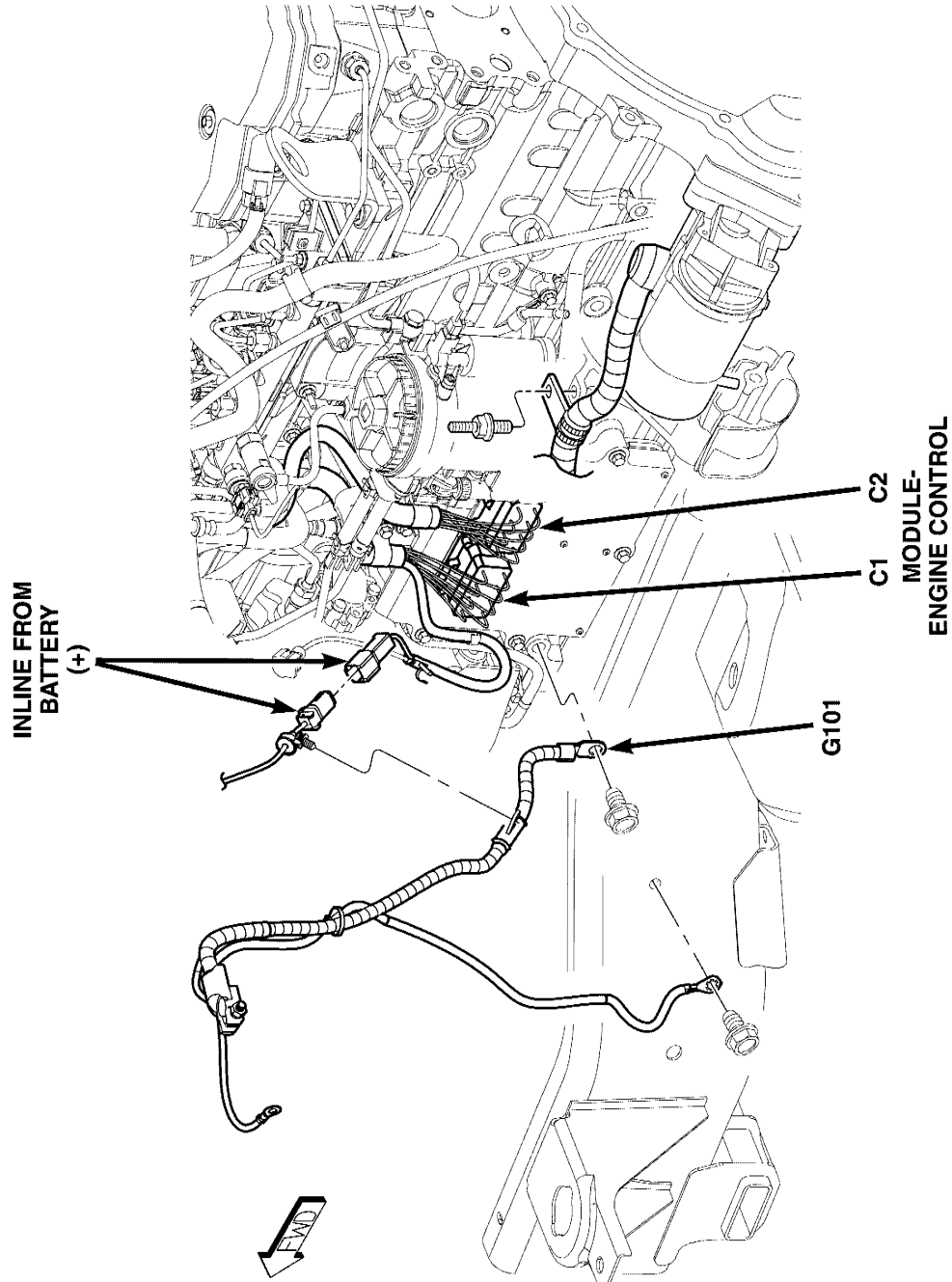
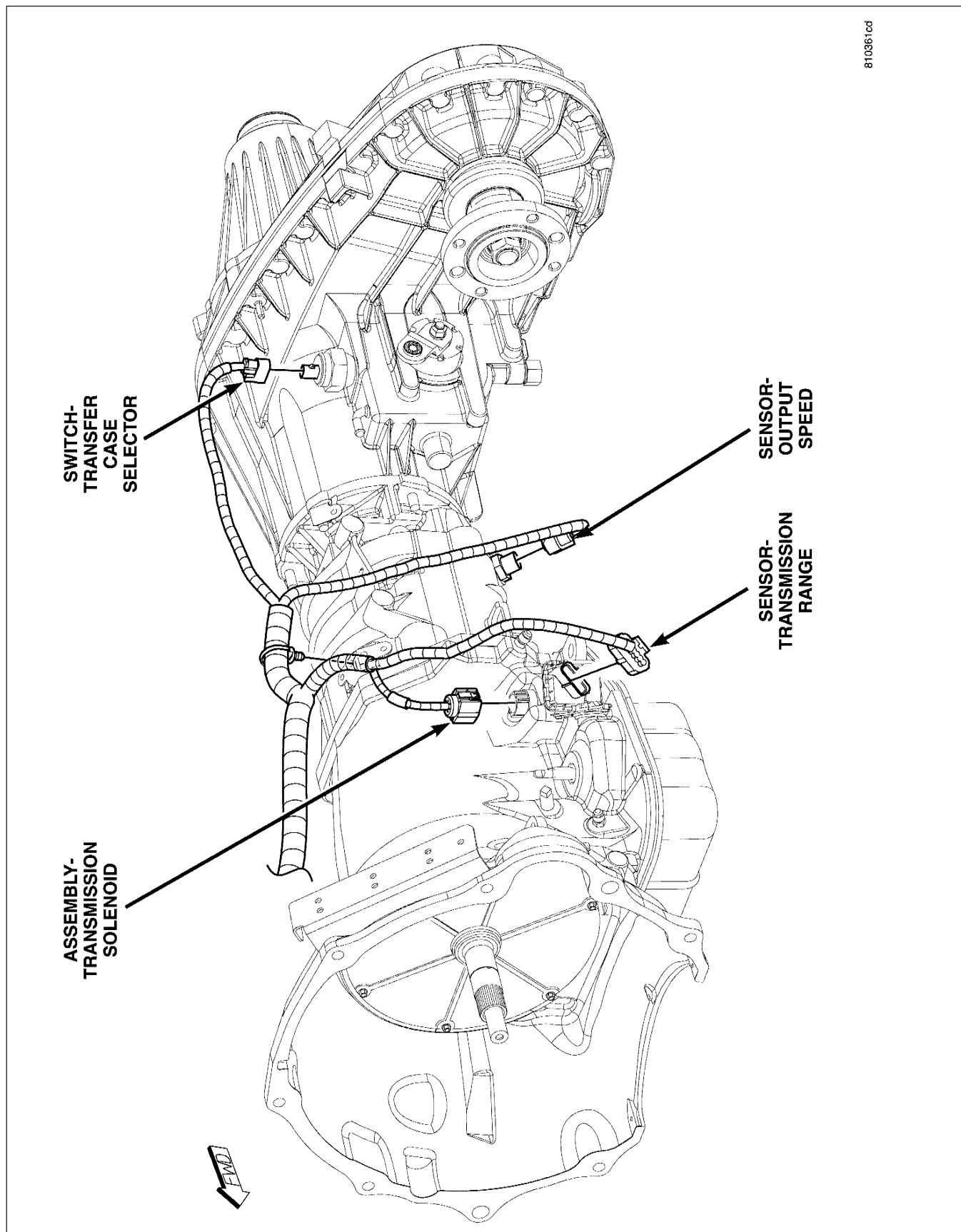


Fig. 15 ENGINE (DIESEL)



812d16ca

Fig. 16 LEFT SIDE ENGINE (DIESEL)



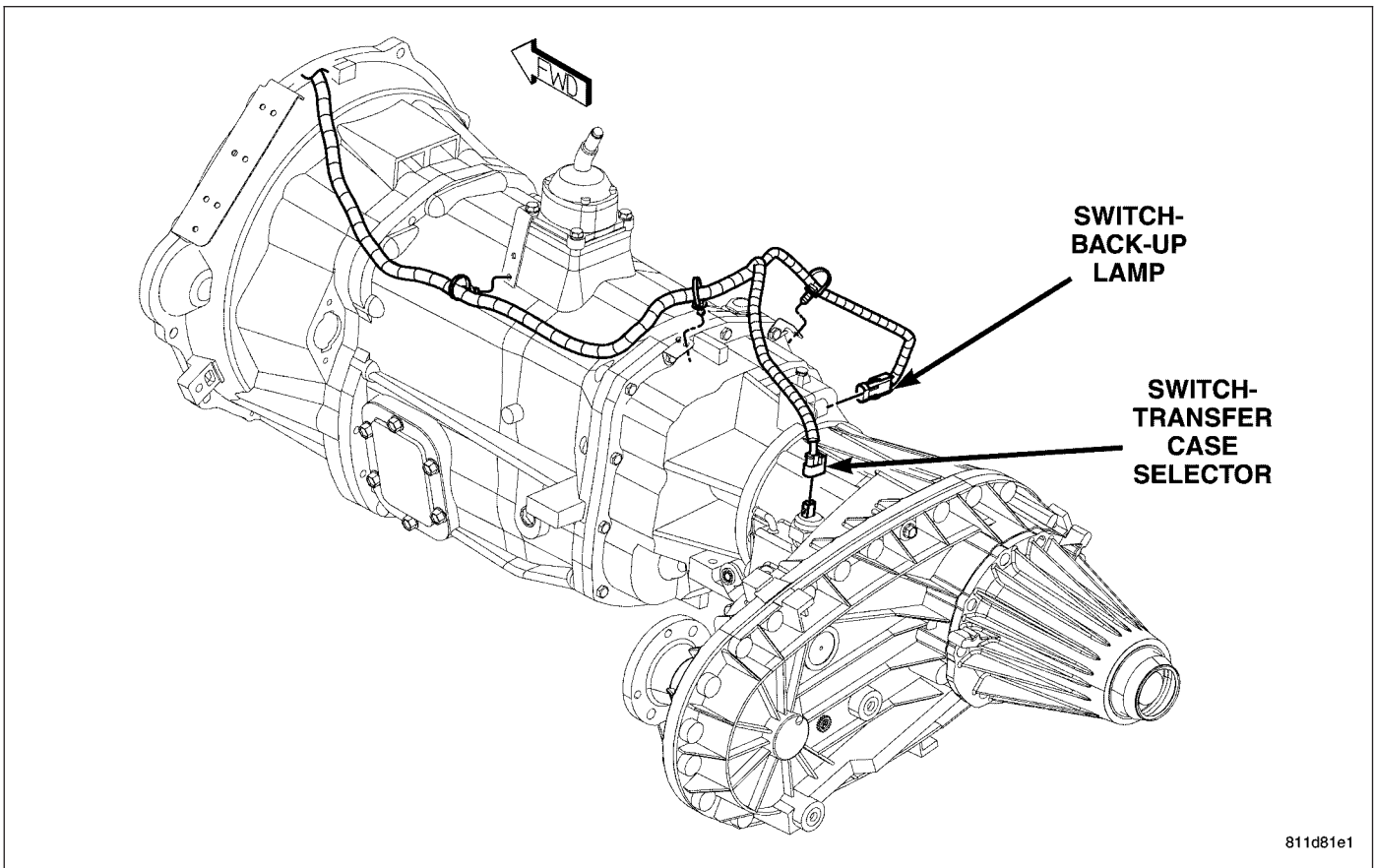


Fig. 18 MANUAL TRANSMISSION (DIESEL)

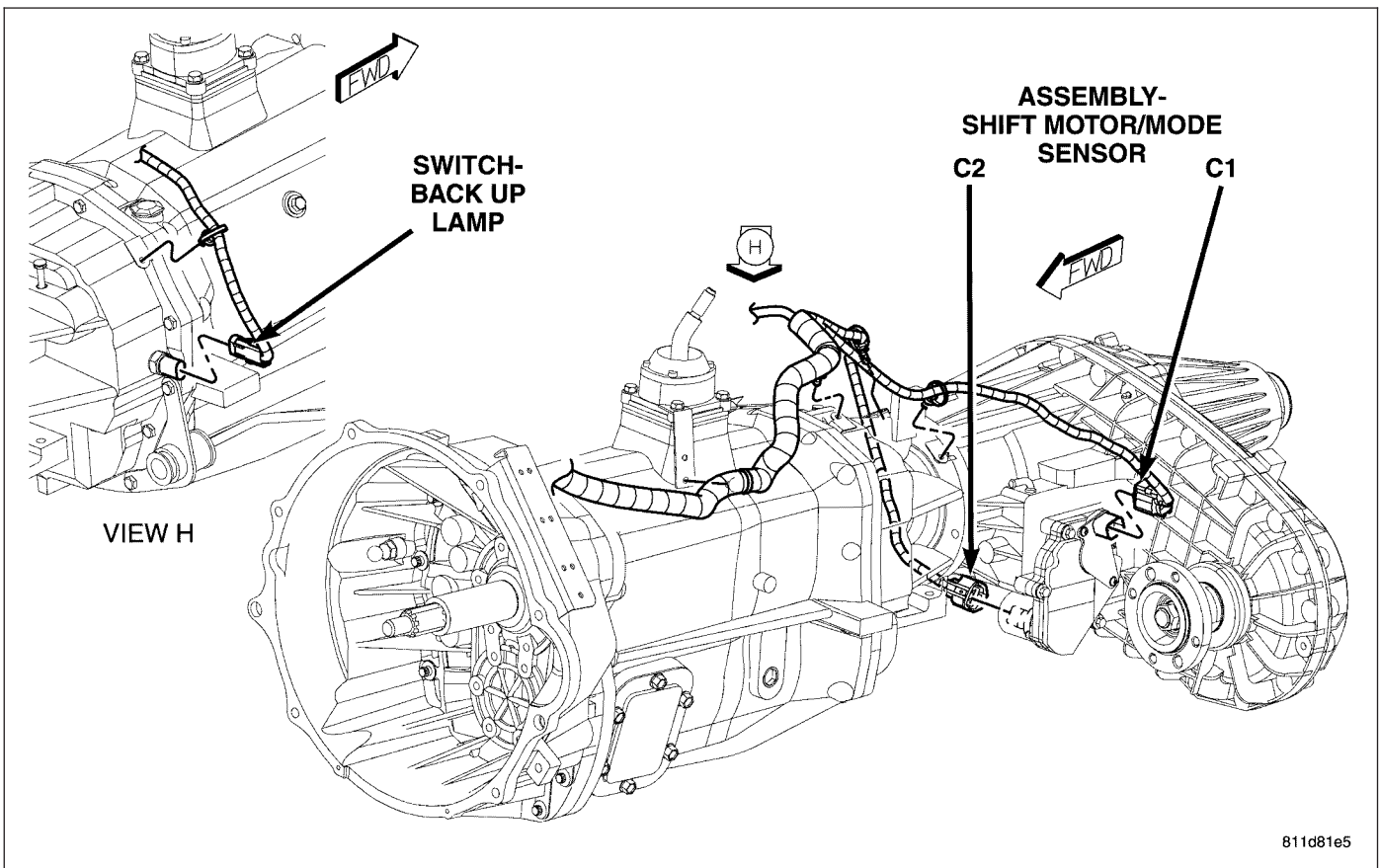


Fig. 19 FRONT MANUAL TRANSMISSION (DIESEL)

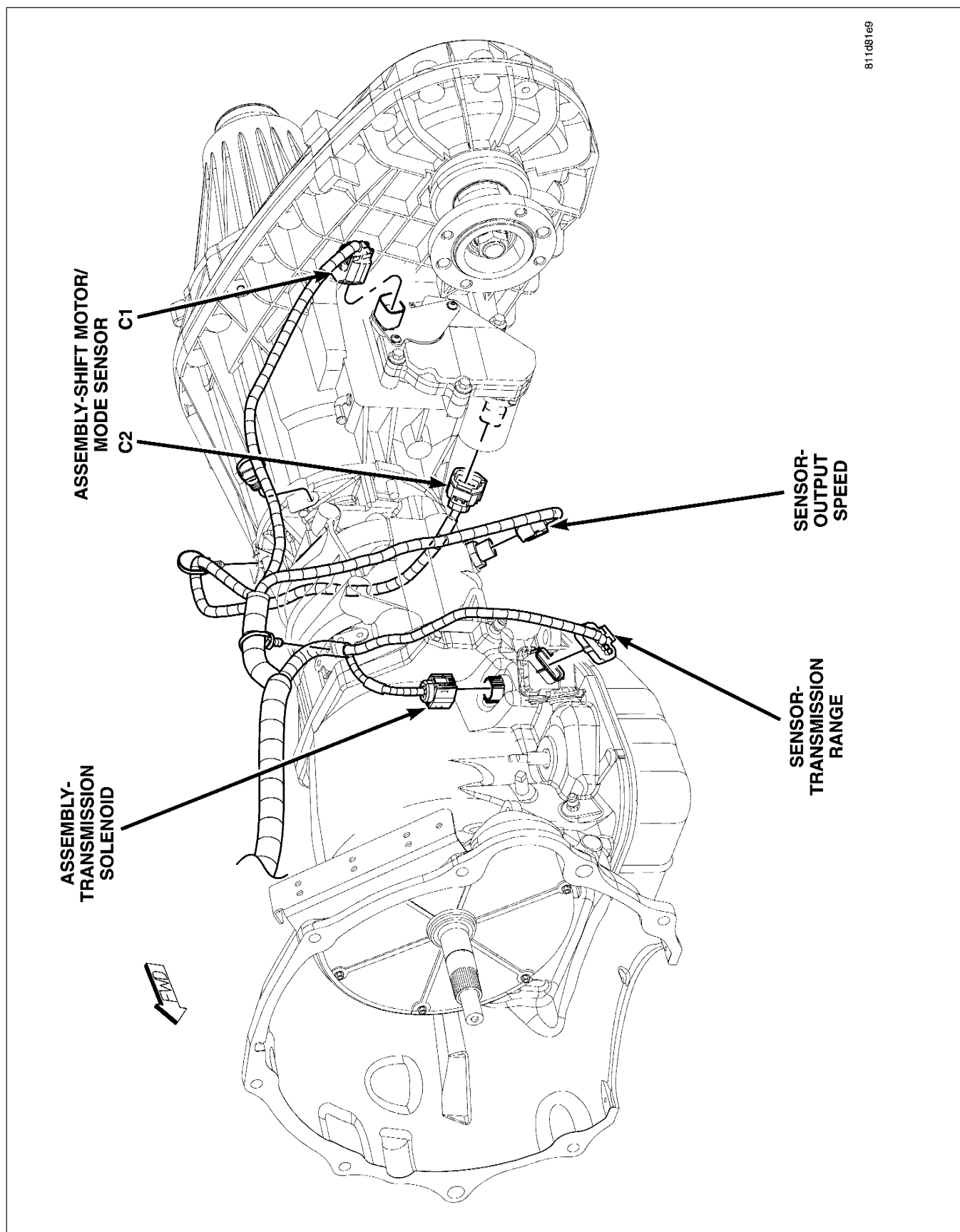
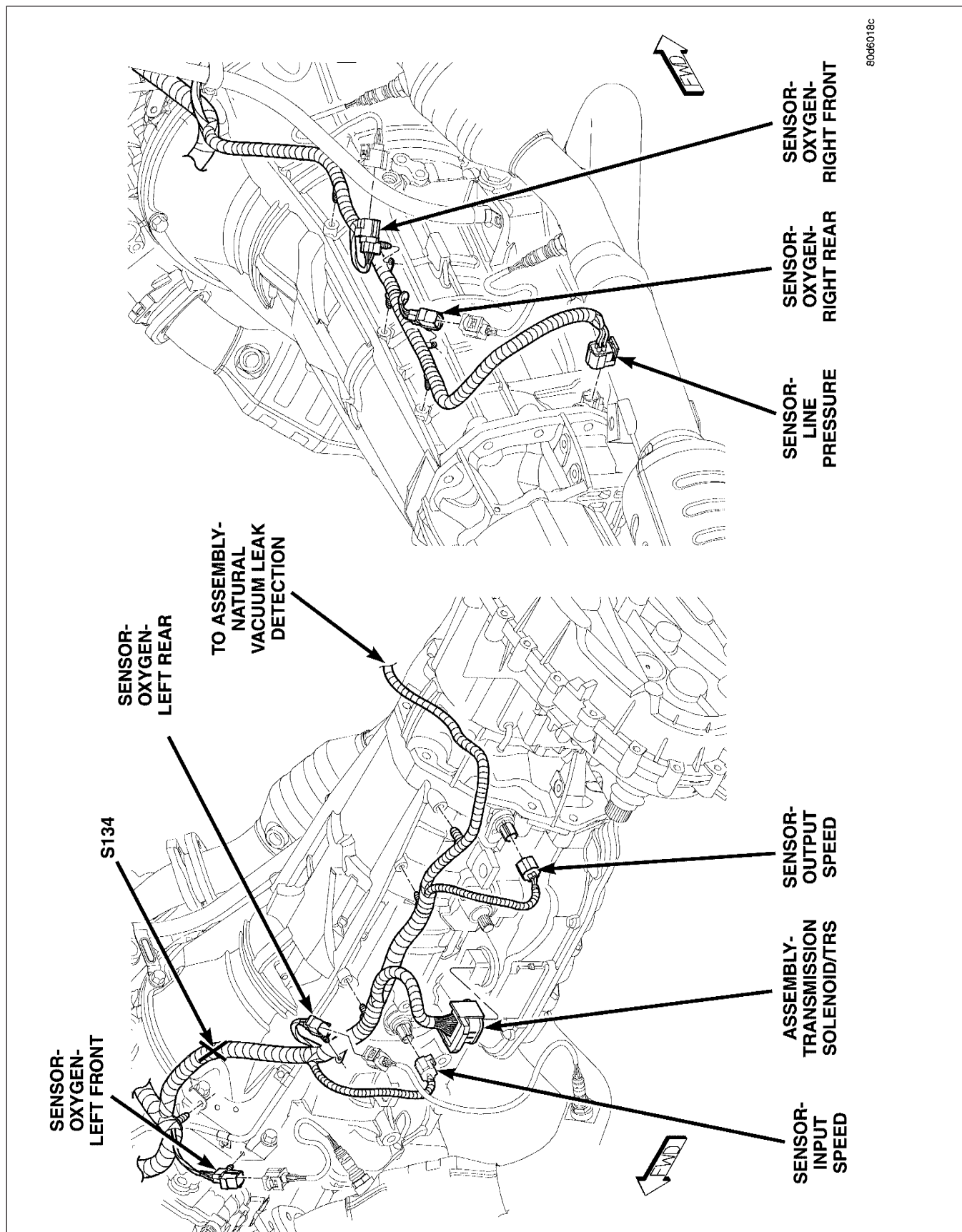


Fig. 20 AUTOMATIC TRANSMISSION (DIESEL) (ETC)



80d6018c

Fig. 21 TRANSMISSION (RFE 4X4 3.7L/4.7L)

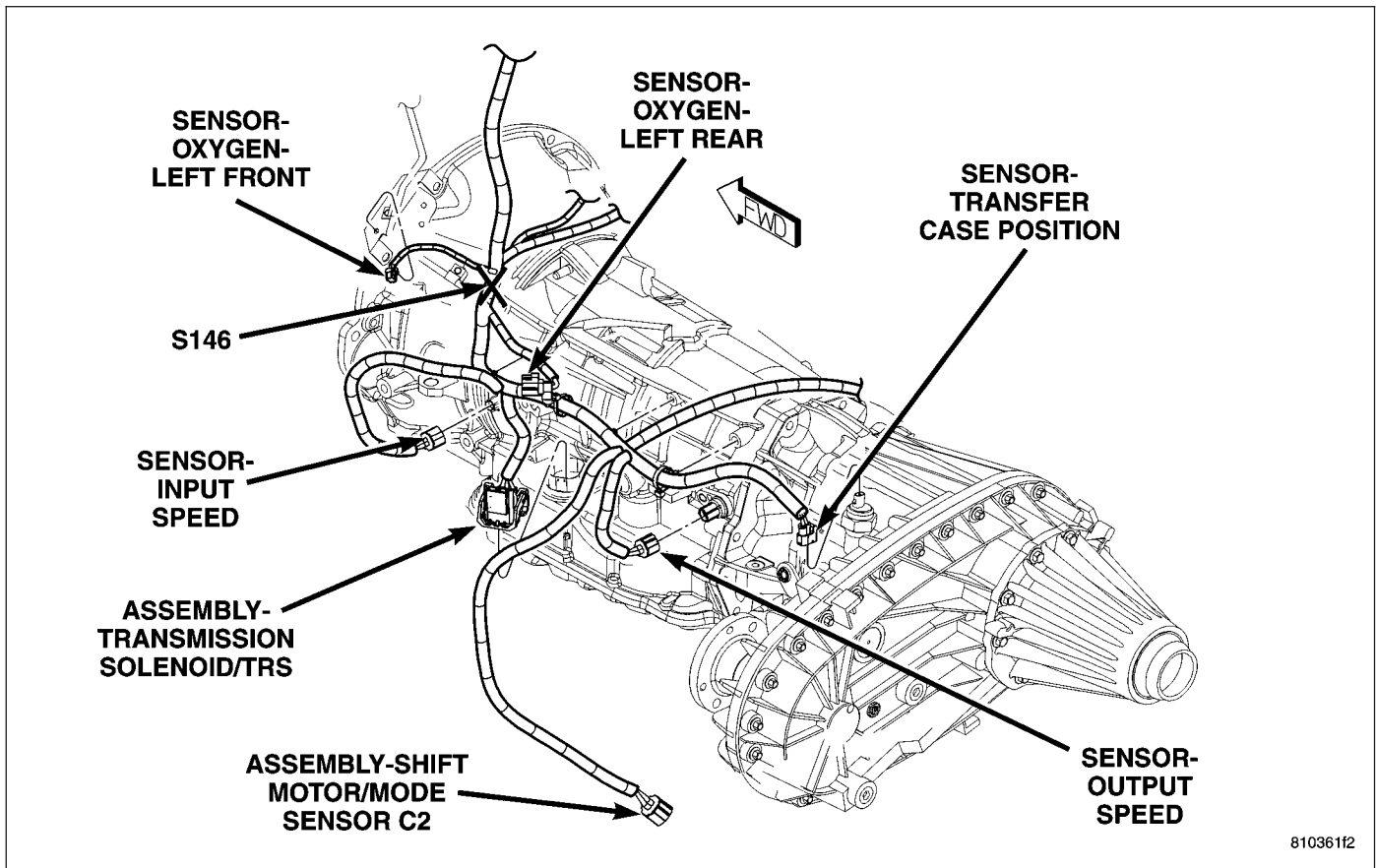


Fig. 22 LEFT TRANSMISSION (RFE)

81036201

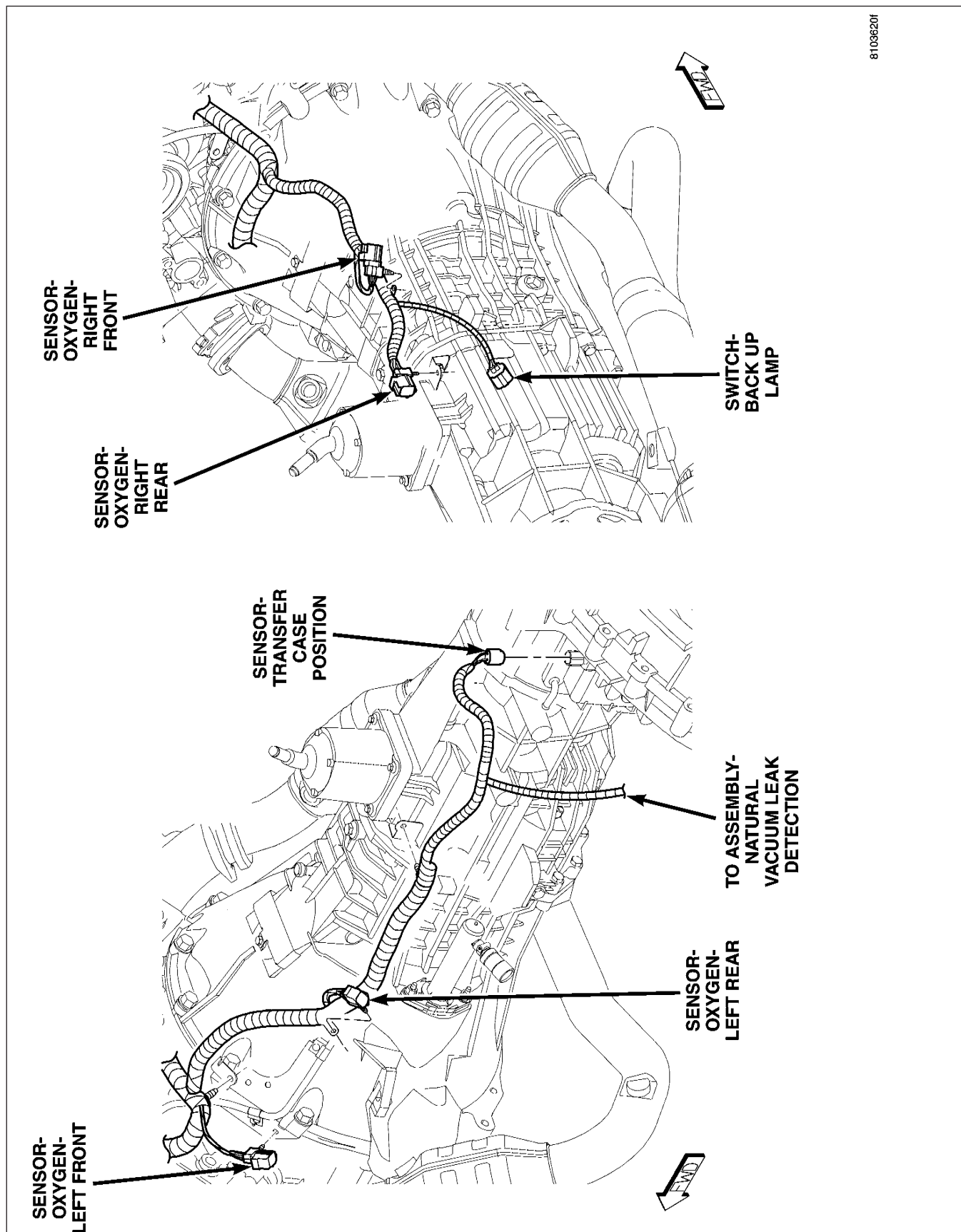


Fig. 23 MANUAL TRANSMISSION (4X4) (3.7L/4.7L)

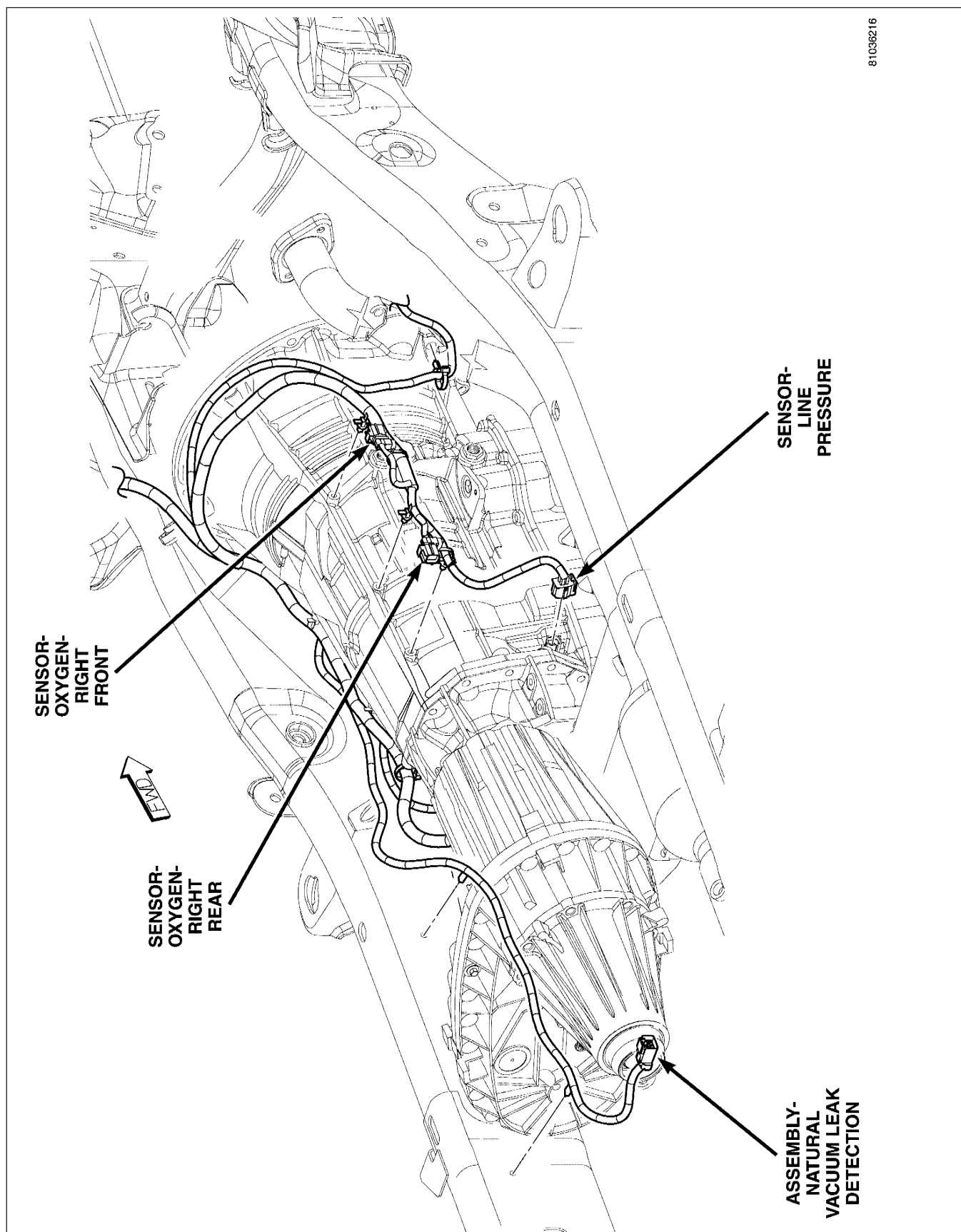


Fig. 24 RIGHT TRANSMISSION (RFE)

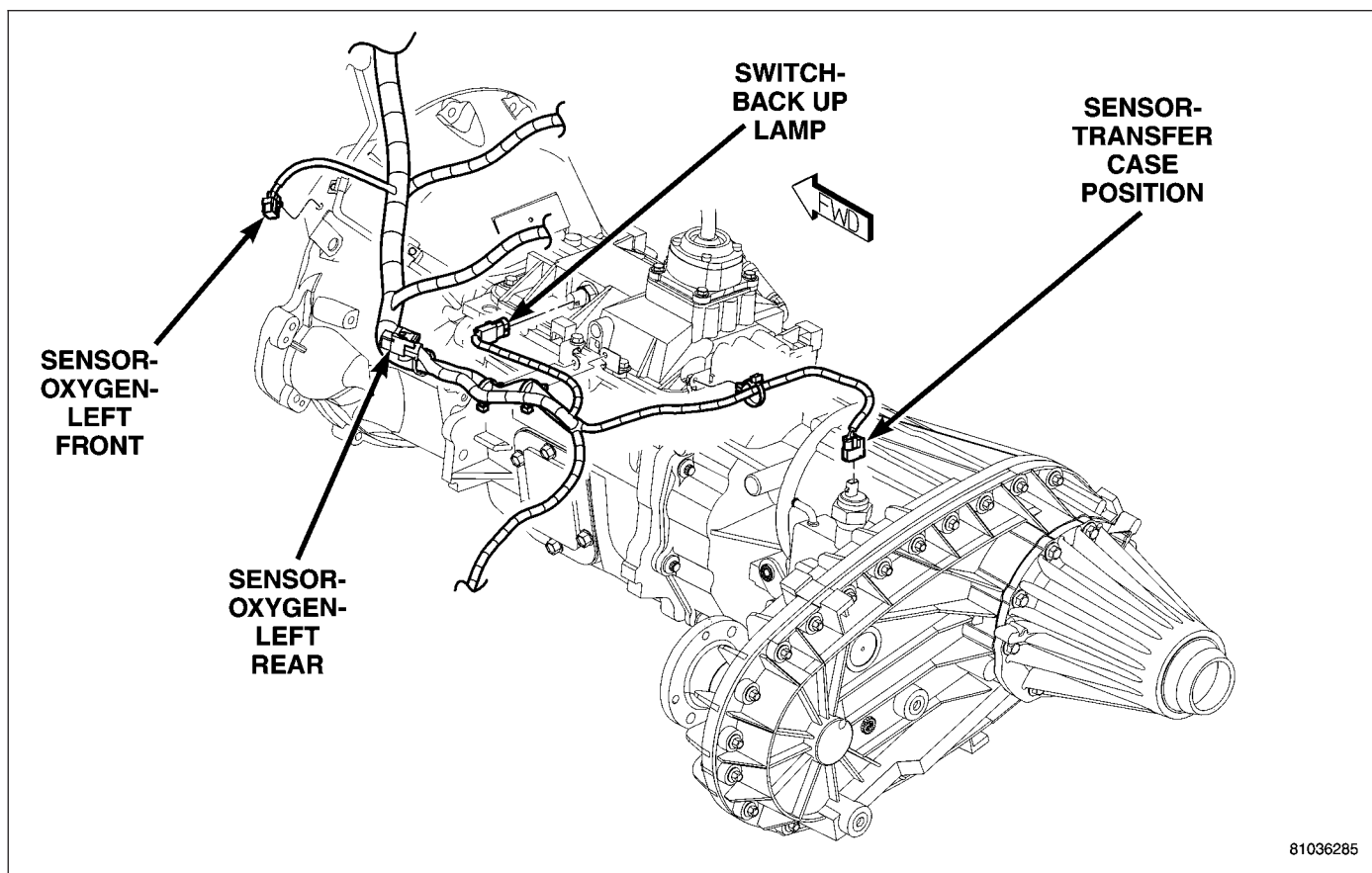


Fig. 25 MANUAL TRANSMISSION (5.7L/DIESEL)

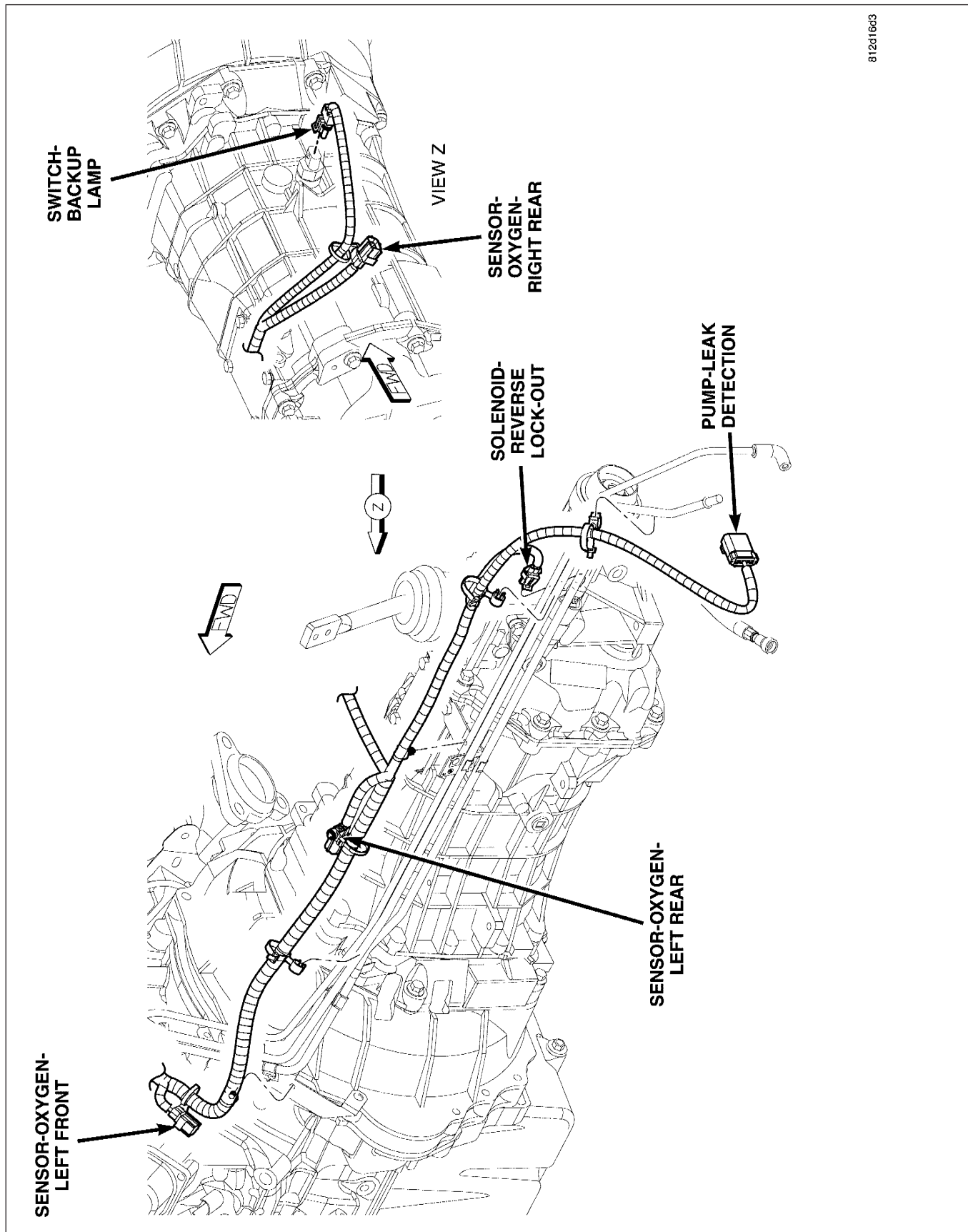


Fig. 26 MANUAL TRANSMISSION (SRT)

812d16d3

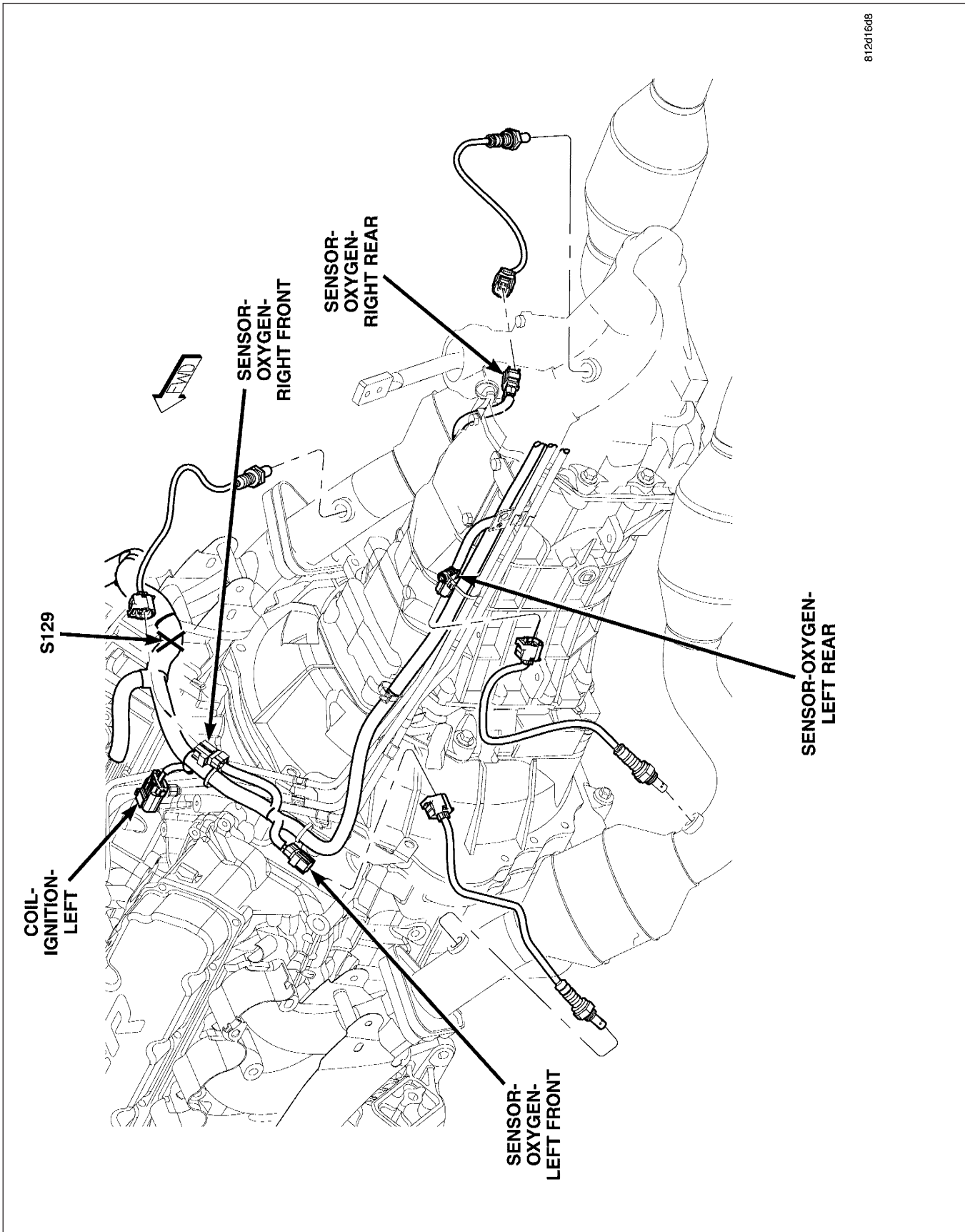
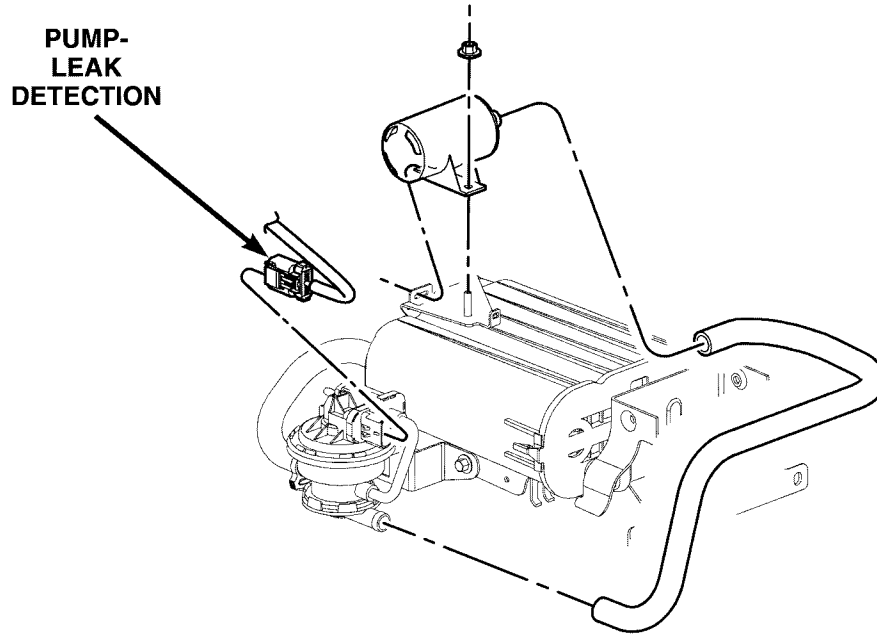


Fig. 27 TRANSMISSION AND EXHAUST (SRT)



812d16dd

Fig. 28 LEAK DETECTION PUMP (SRT)

81036293

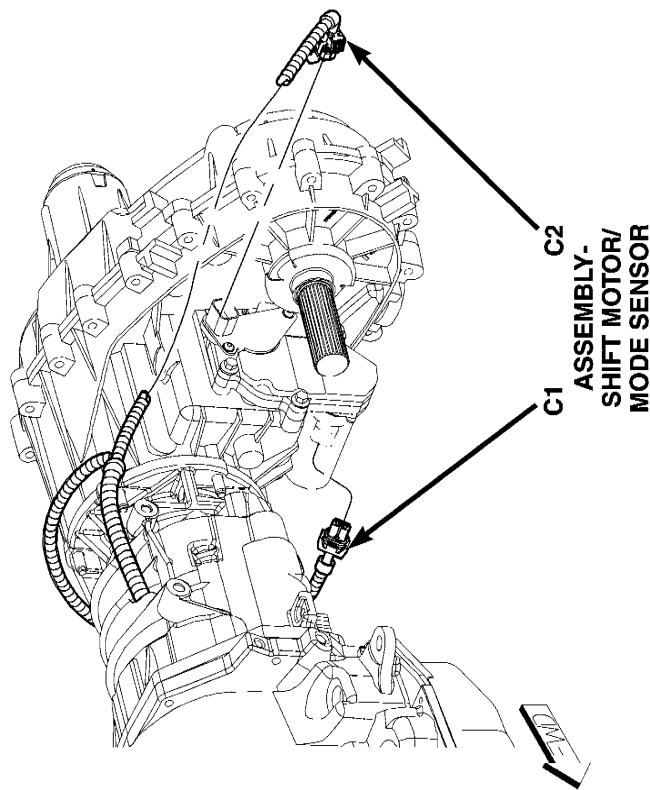
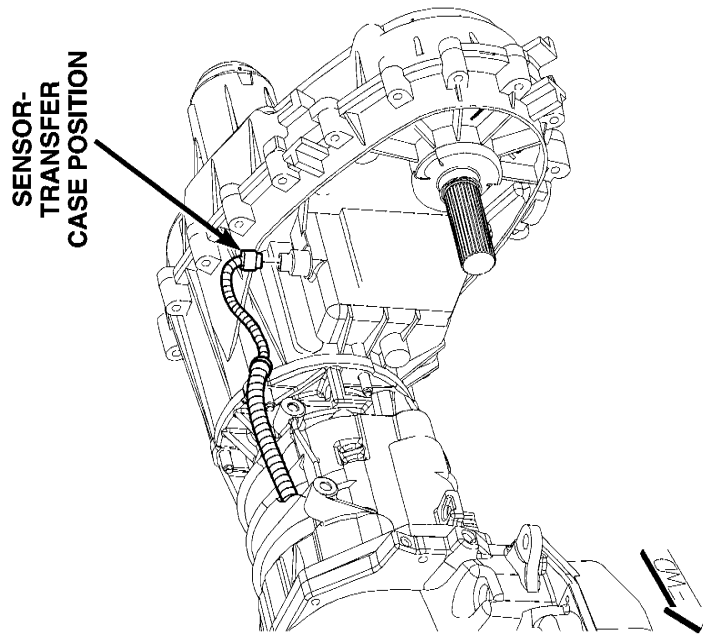


Fig. 29 LEFT FRONT TRANSFER CASE

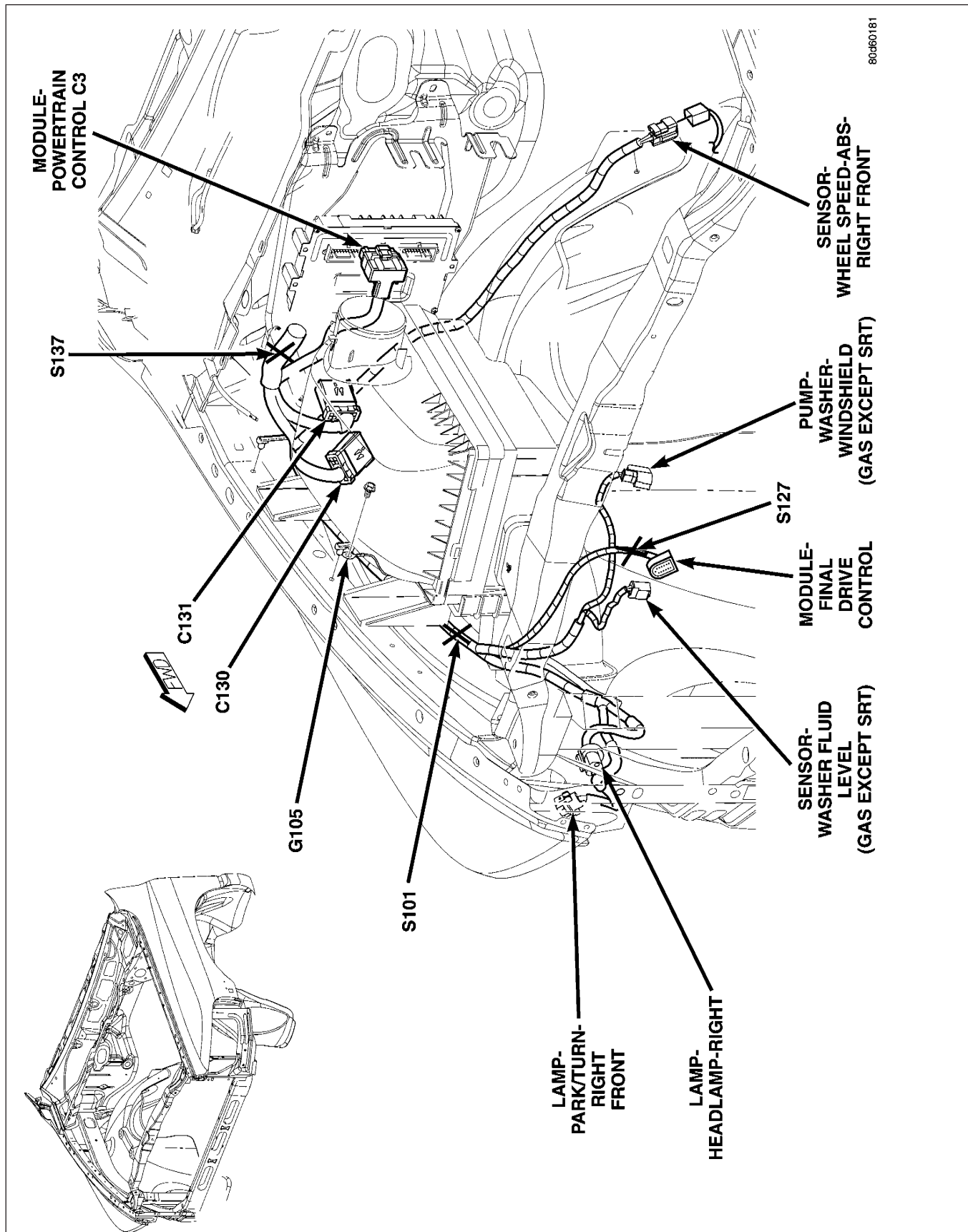


Fig. 30 RIGHT SIDE ENGINE COMPARTMENT

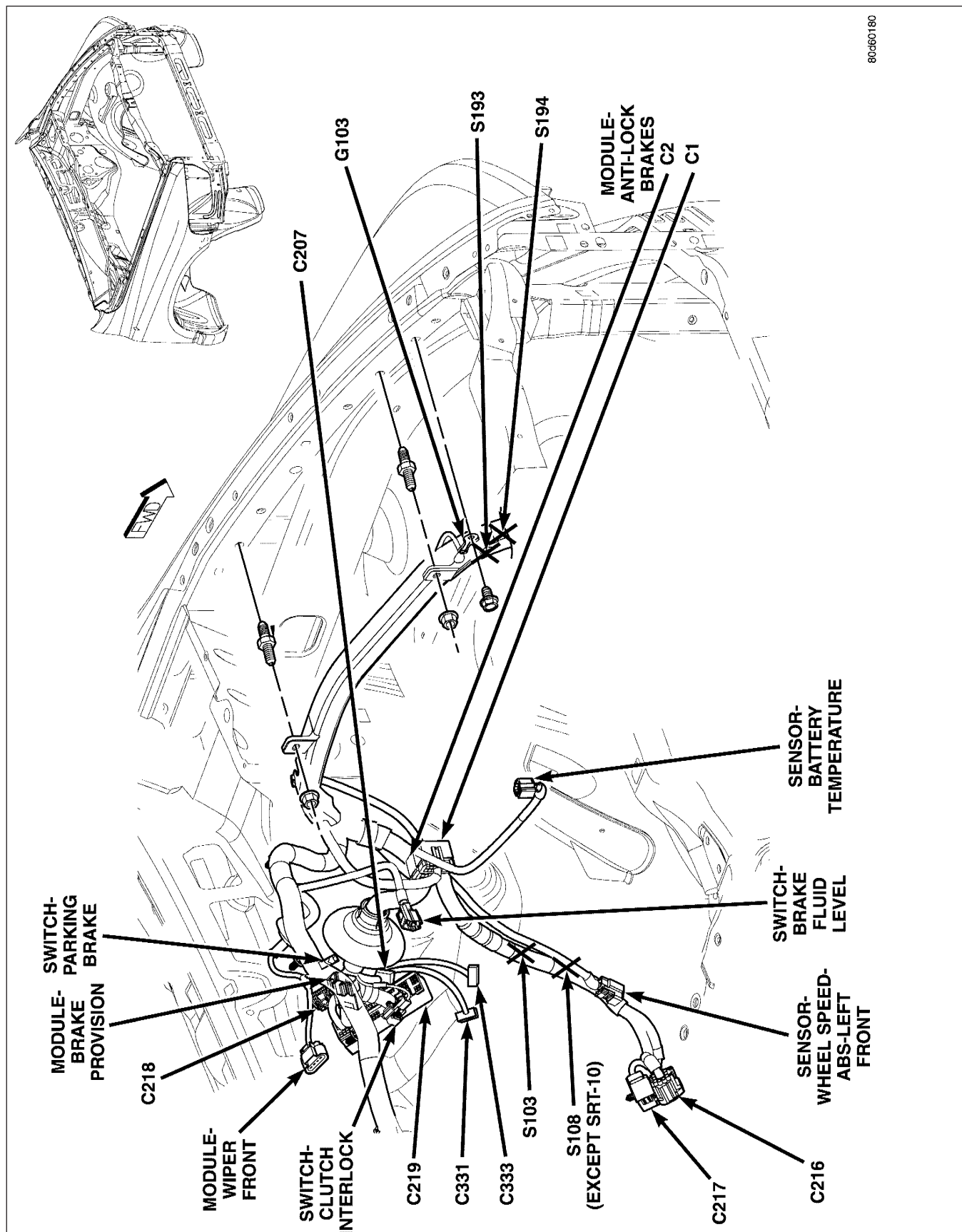


Fig. 31 LEFT REAR ENGINE COMPARTMENT

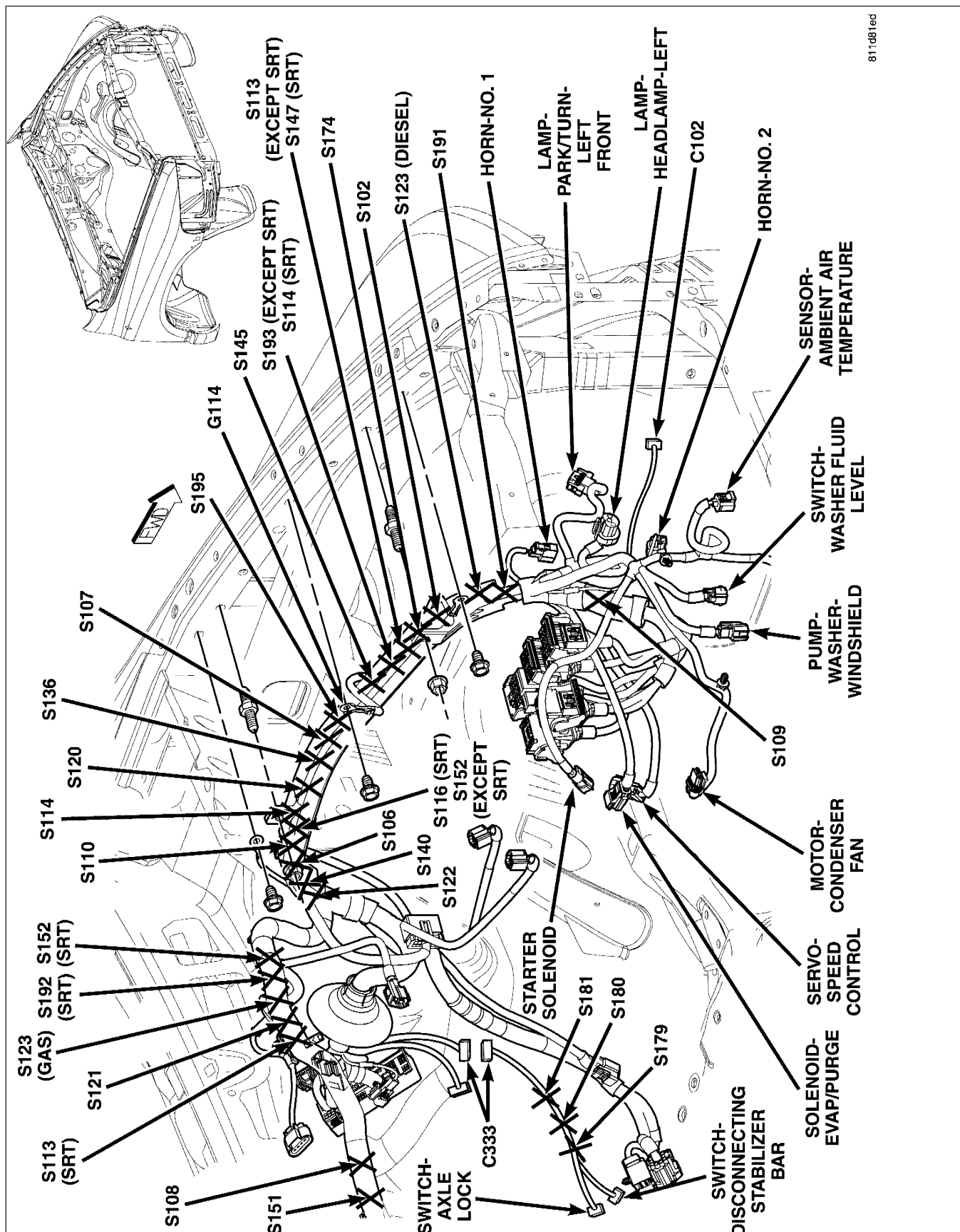


Fig. 32 LEFT ENGINE COMPARTMENT

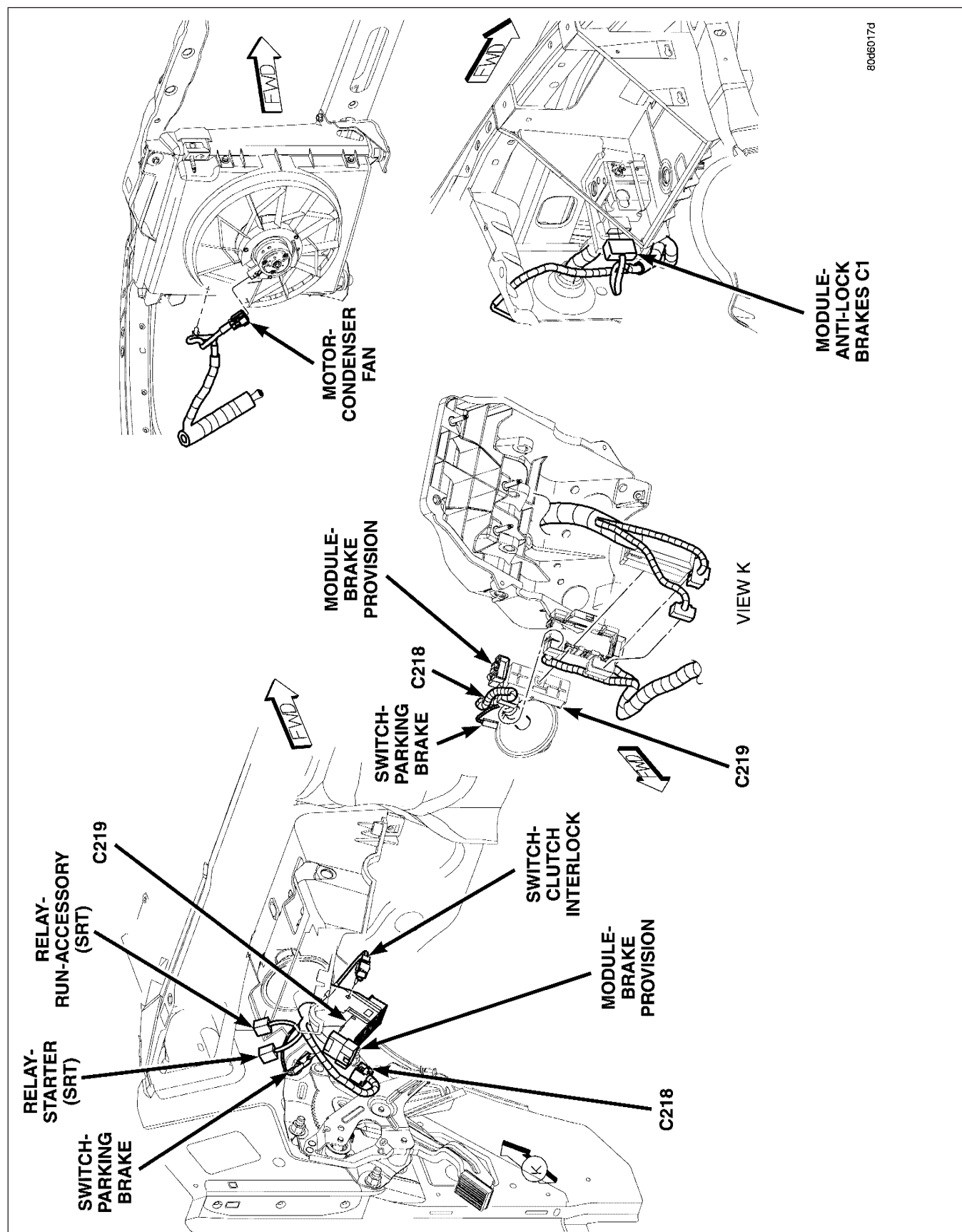


Fig. 33 ENGINE COMPARTMENT

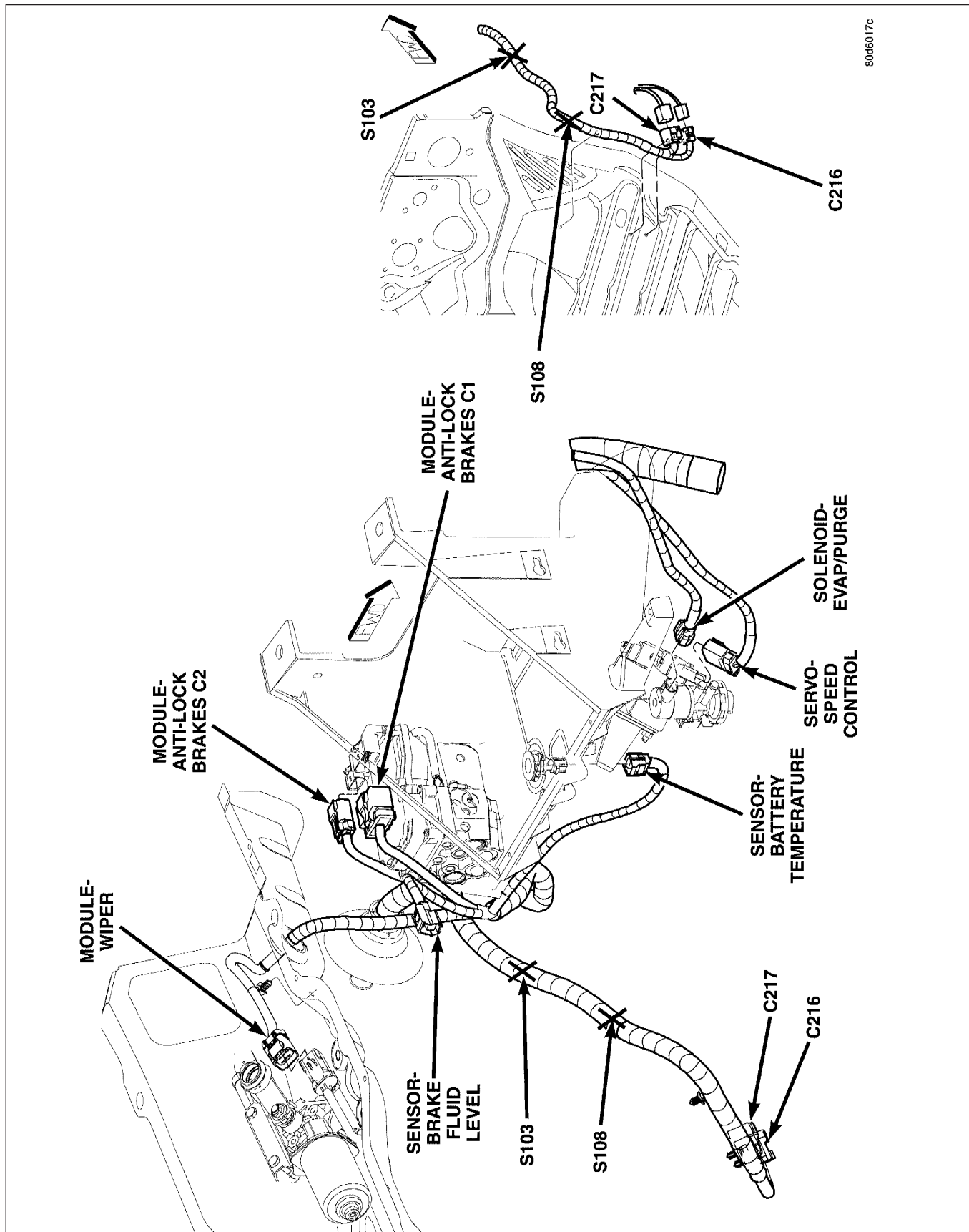


Fig. 34 LEFT SIDE ENGINE COMPARTMENT

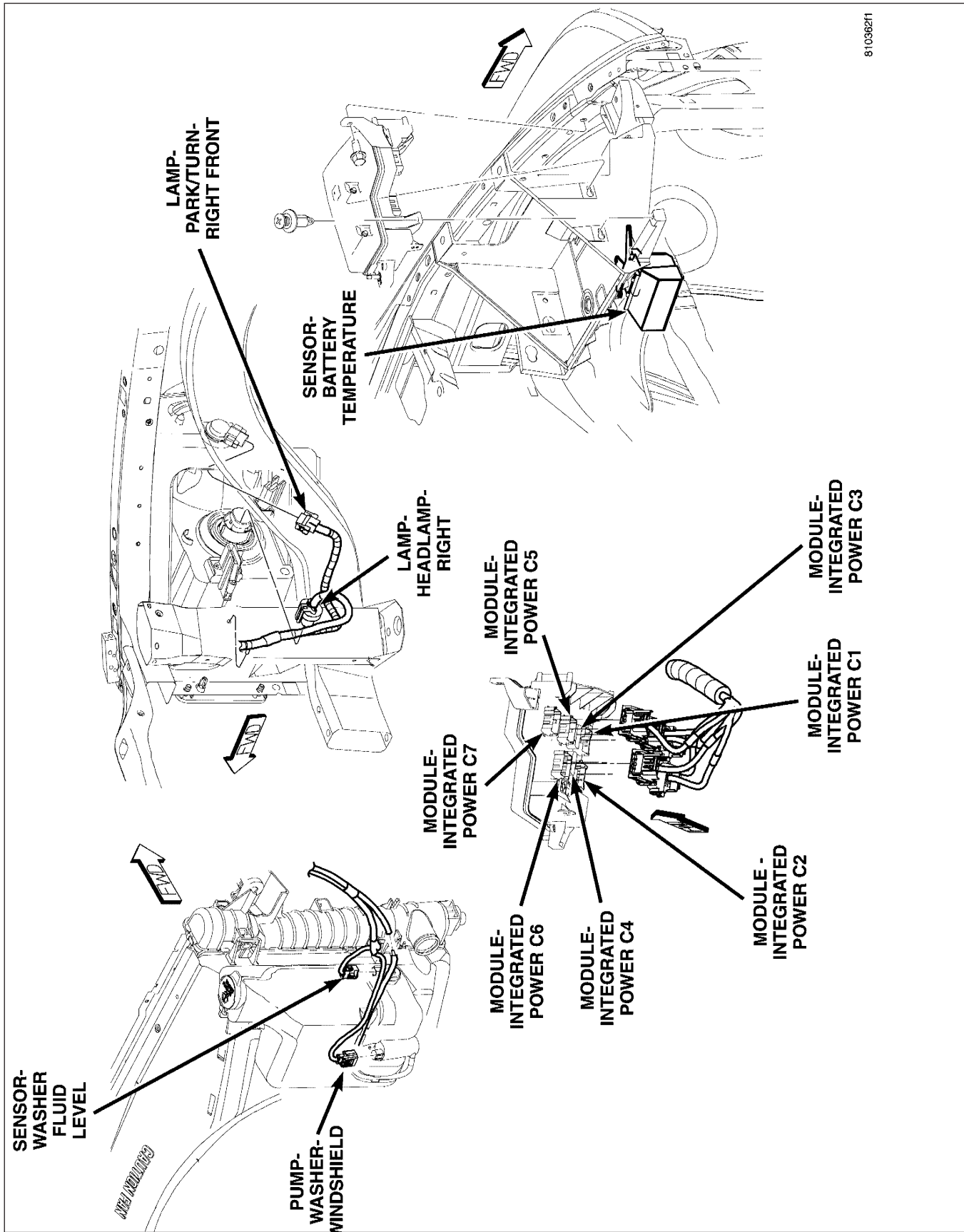


Fig. 35 LEFT FRONT ENGINE COMPARTMENT

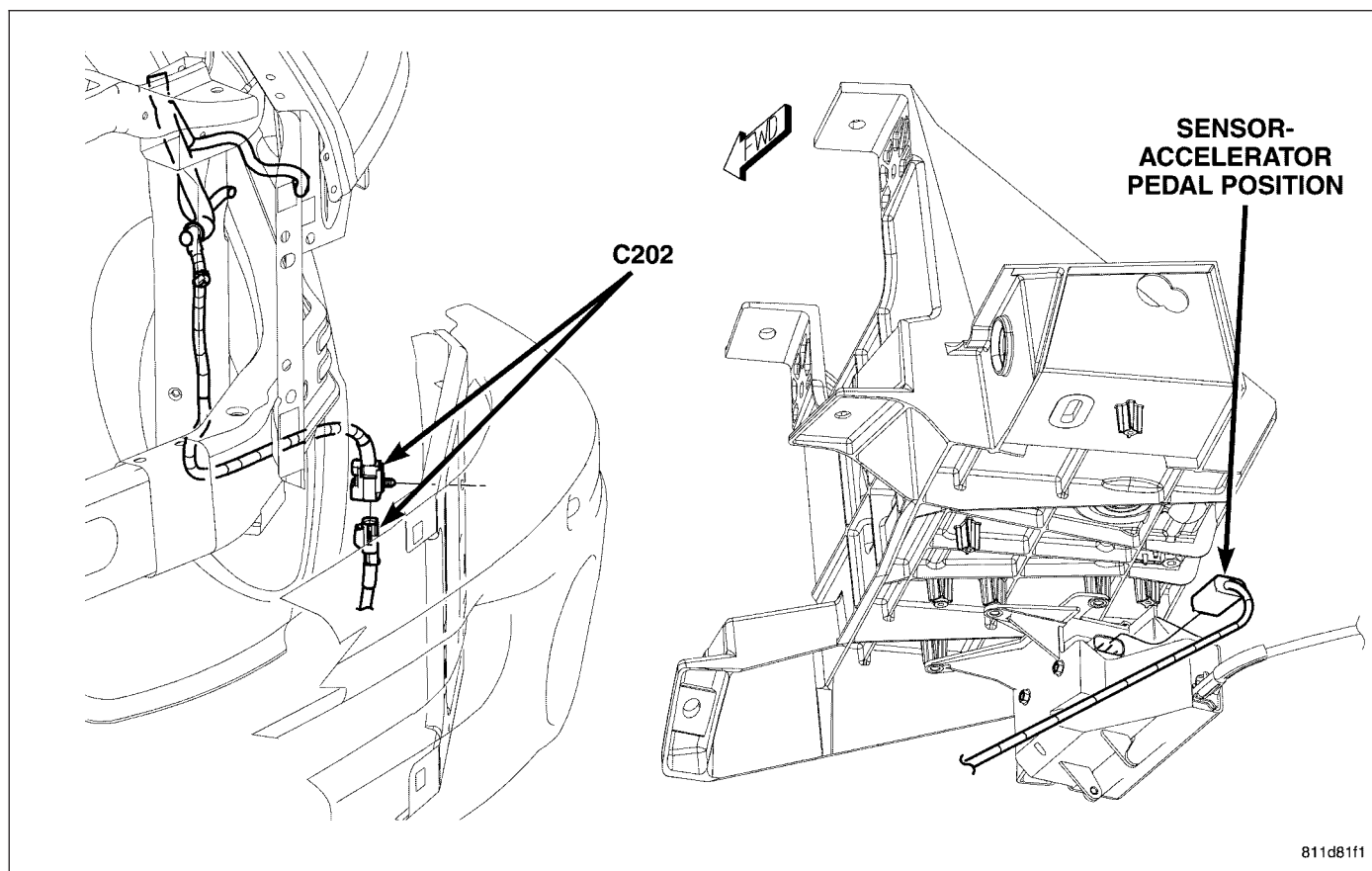


Fig. 36 LEFT FRONT FACIA AND BATTERY TRAY

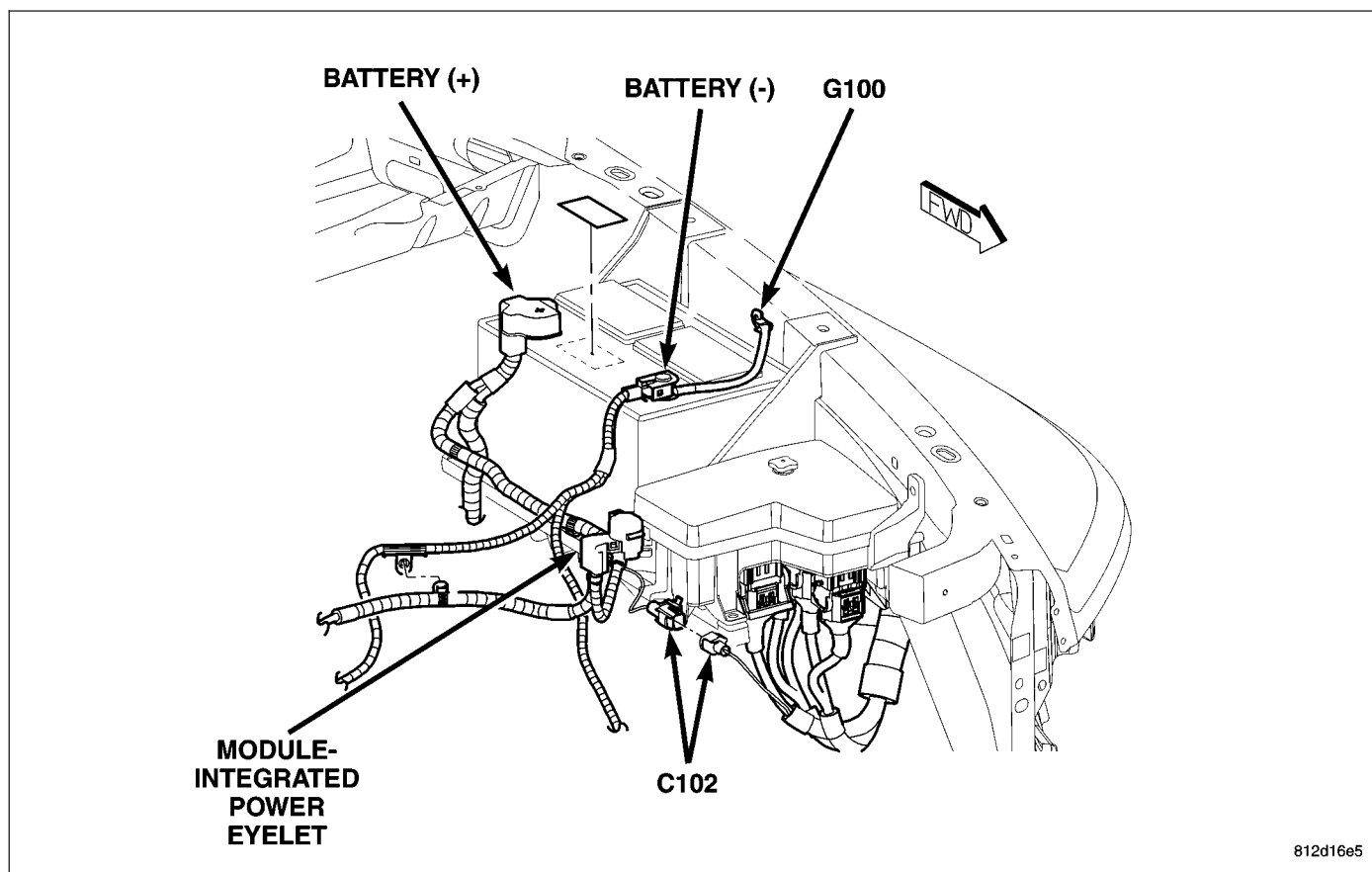
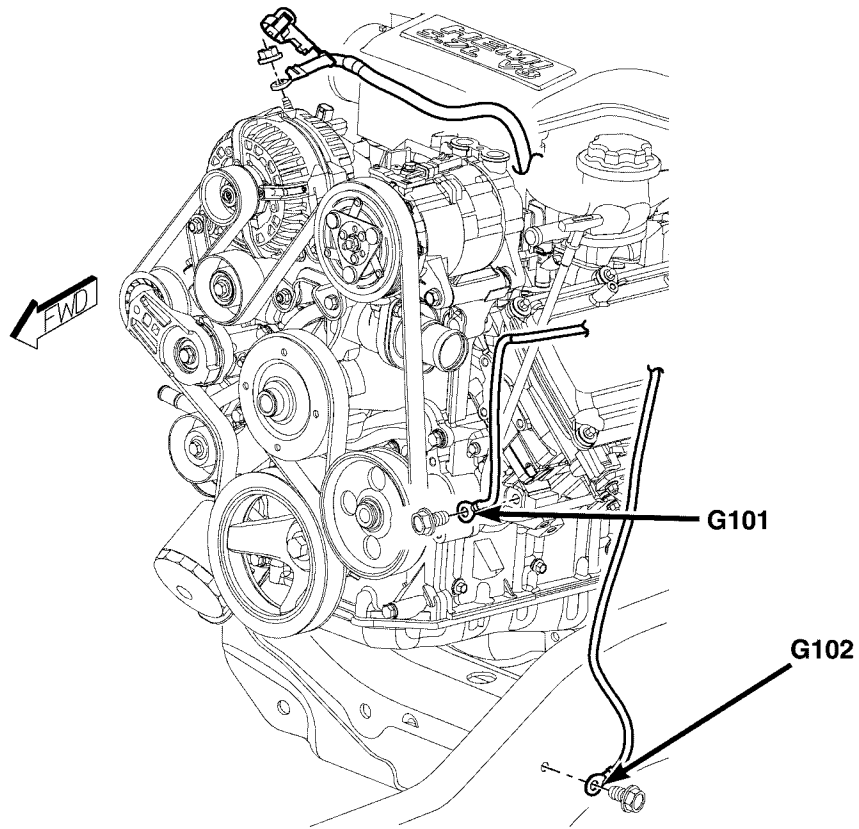


Fig. 37 BATTERY



812d16ef

Fig. 38 BATTERY GROUNDS



Fig. 39 INTEGRATED POWER MODULE AND FAN

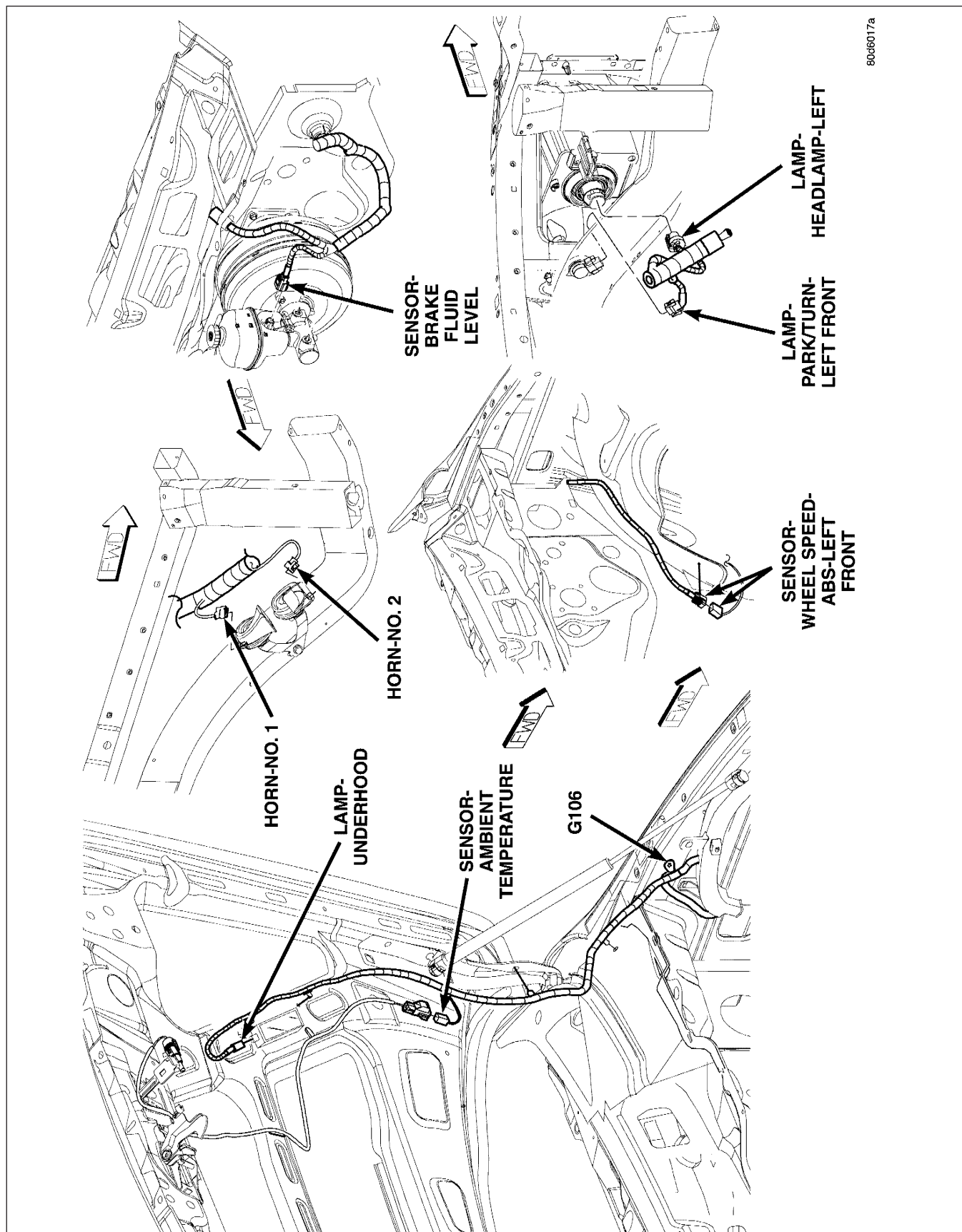


Fig. 40 LEFT SIDE ENGINE COMPARTMENT AND HOOD

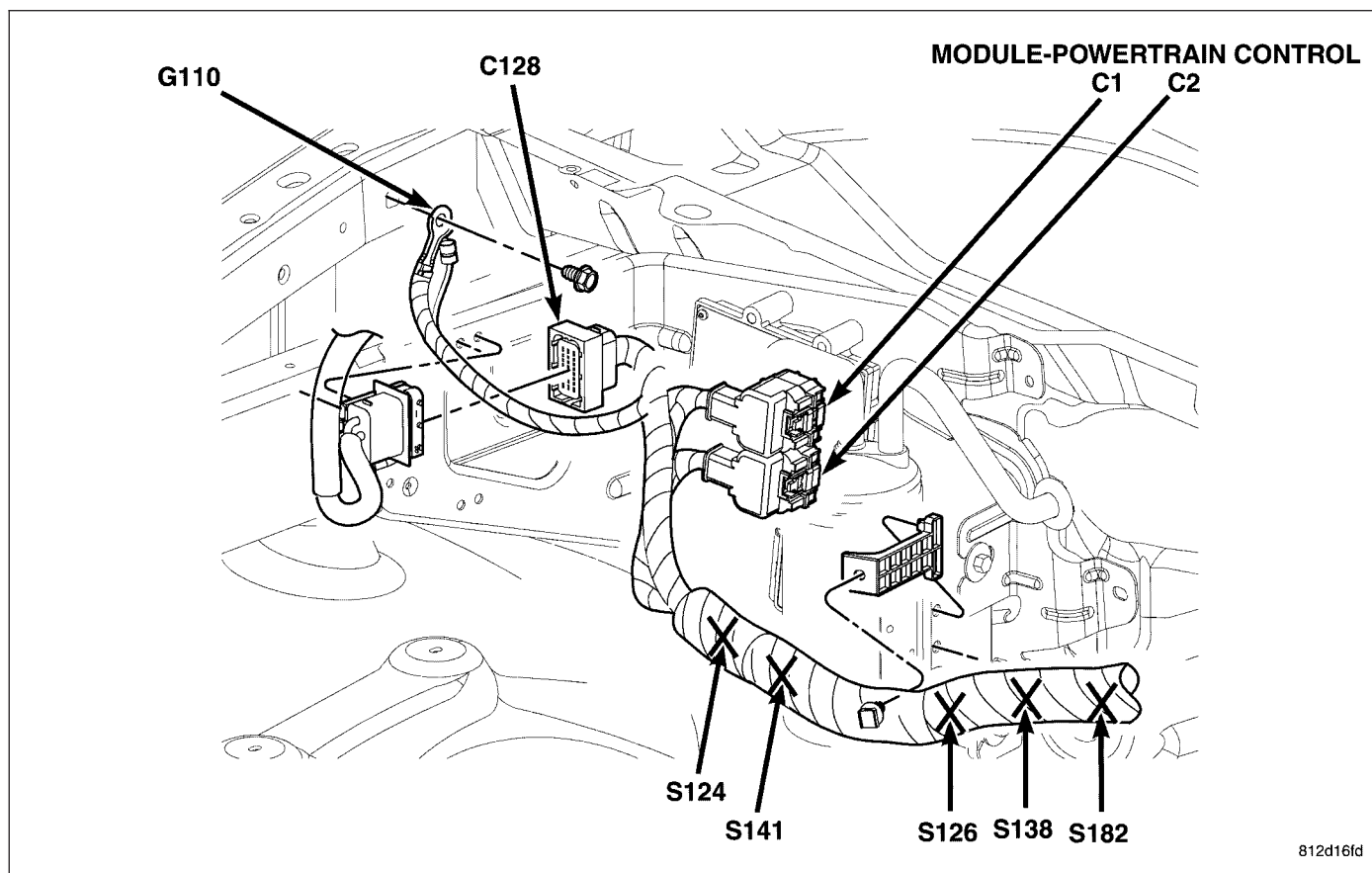


Fig. 41 RIGHT REAR ENGINE WIRING (SRT-10)

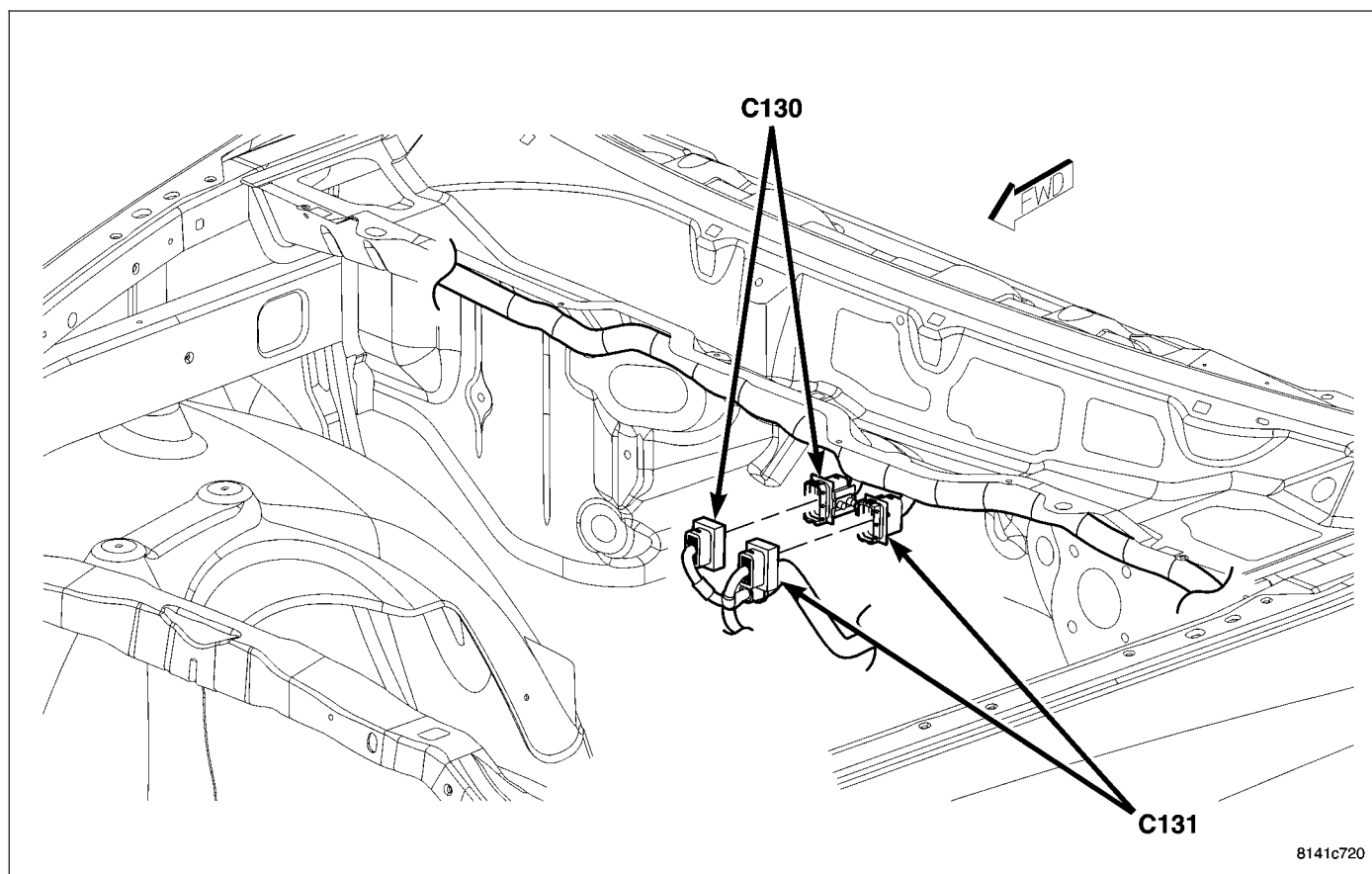


Fig. 42 REAR ENGINE COMPARTMENT INLINES (DIESEL)

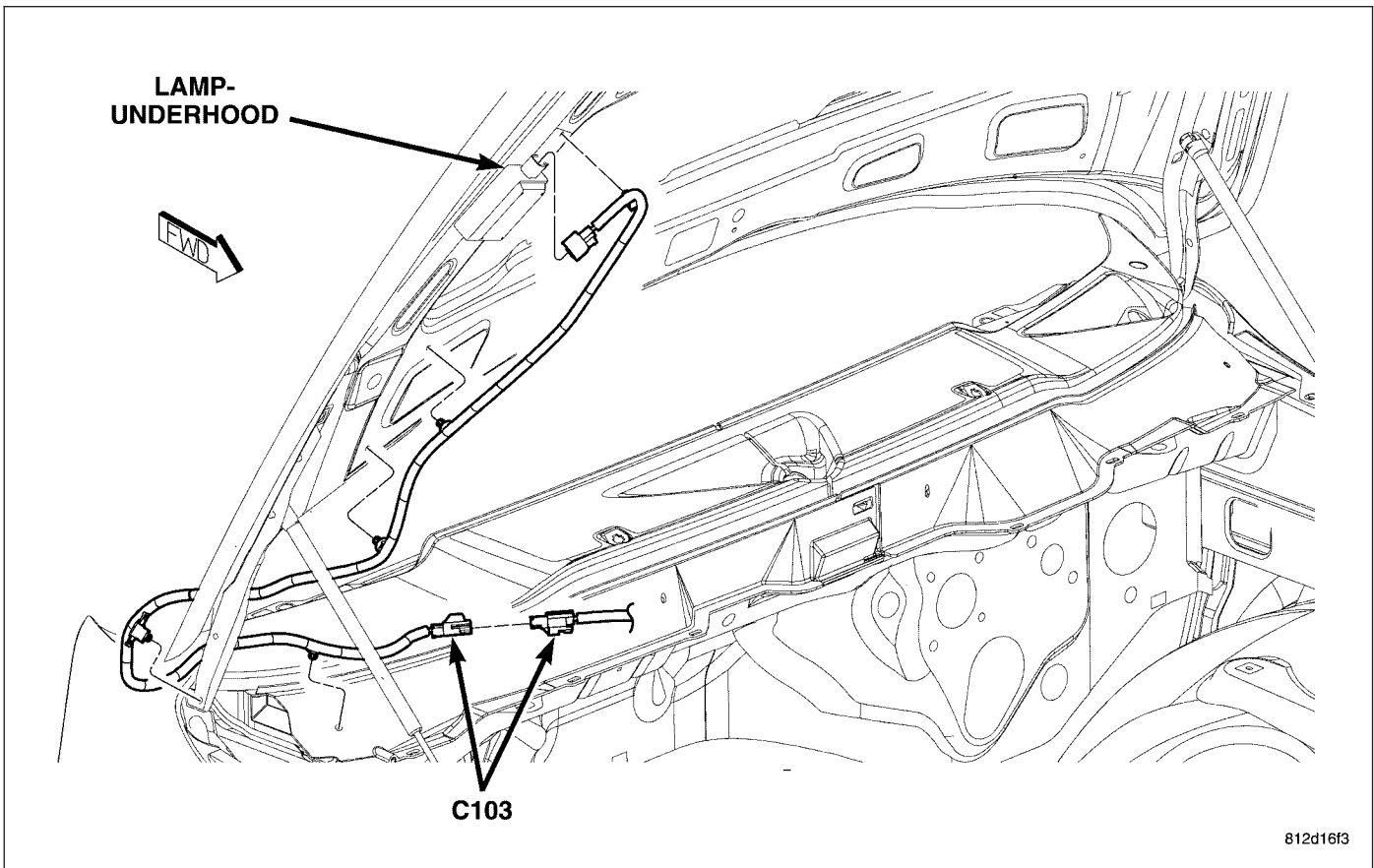


Fig. 43 HOOD

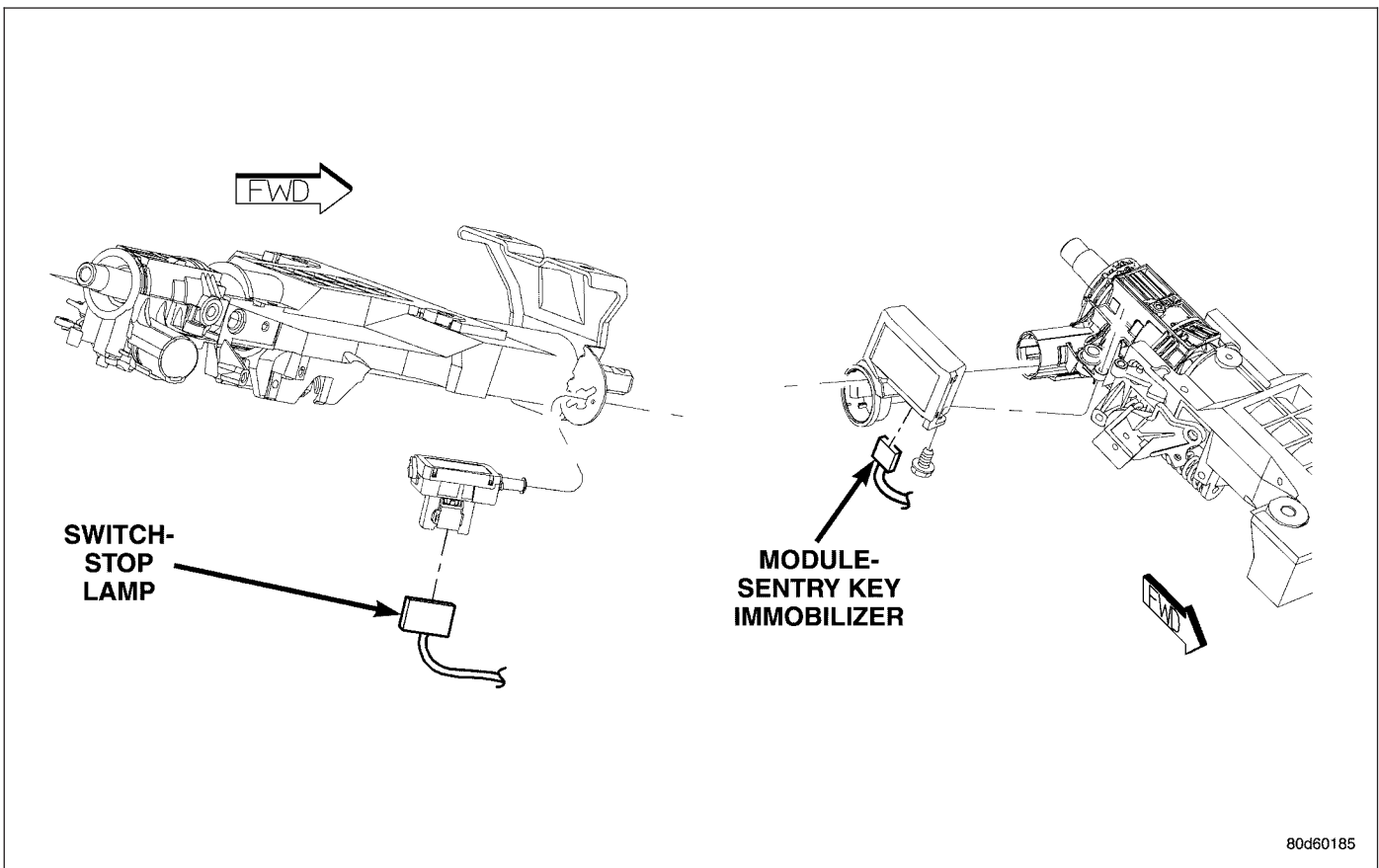


Fig. 44 STEERING COLUMN

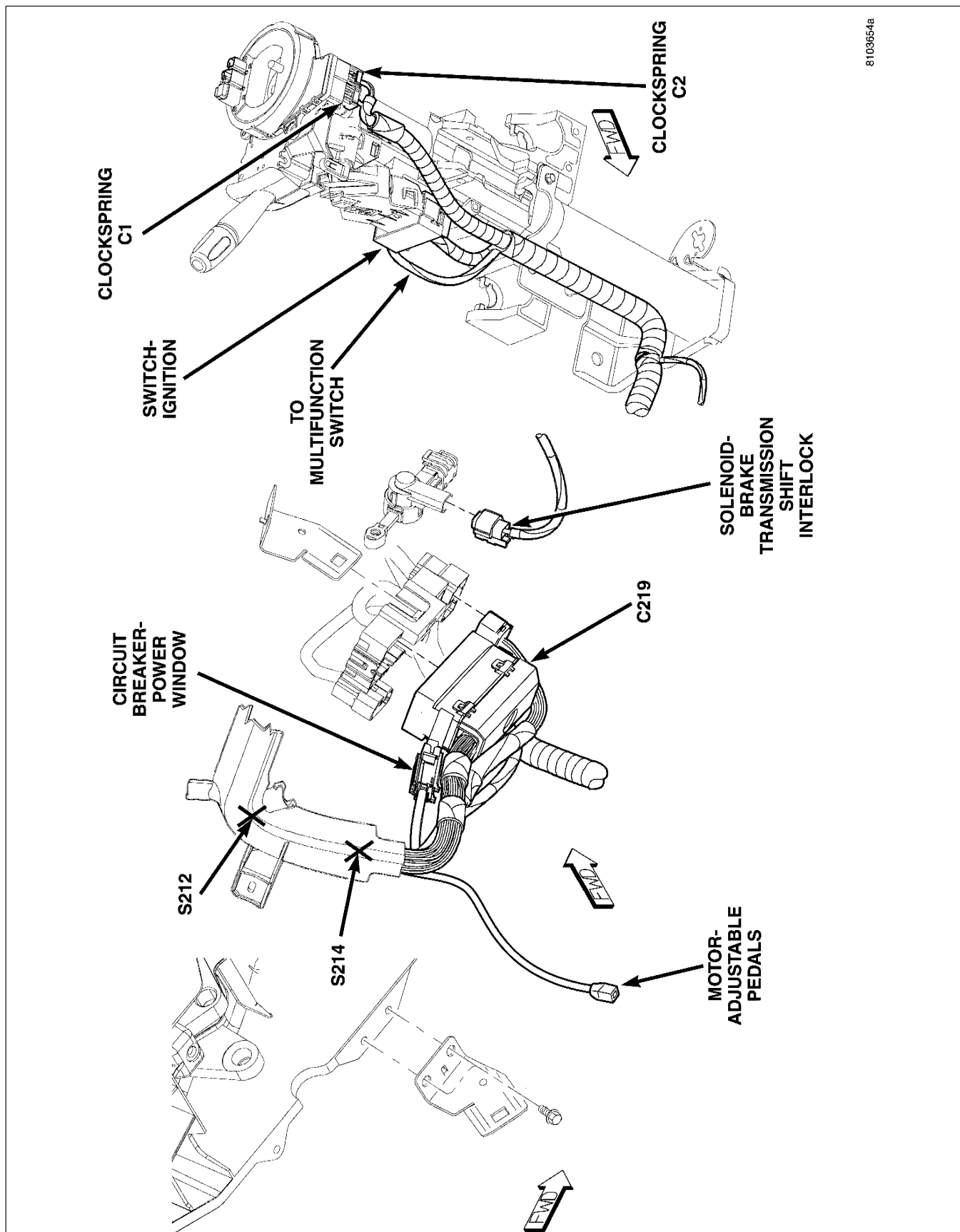


Fig. 45 LEFT STEERING COLUMN

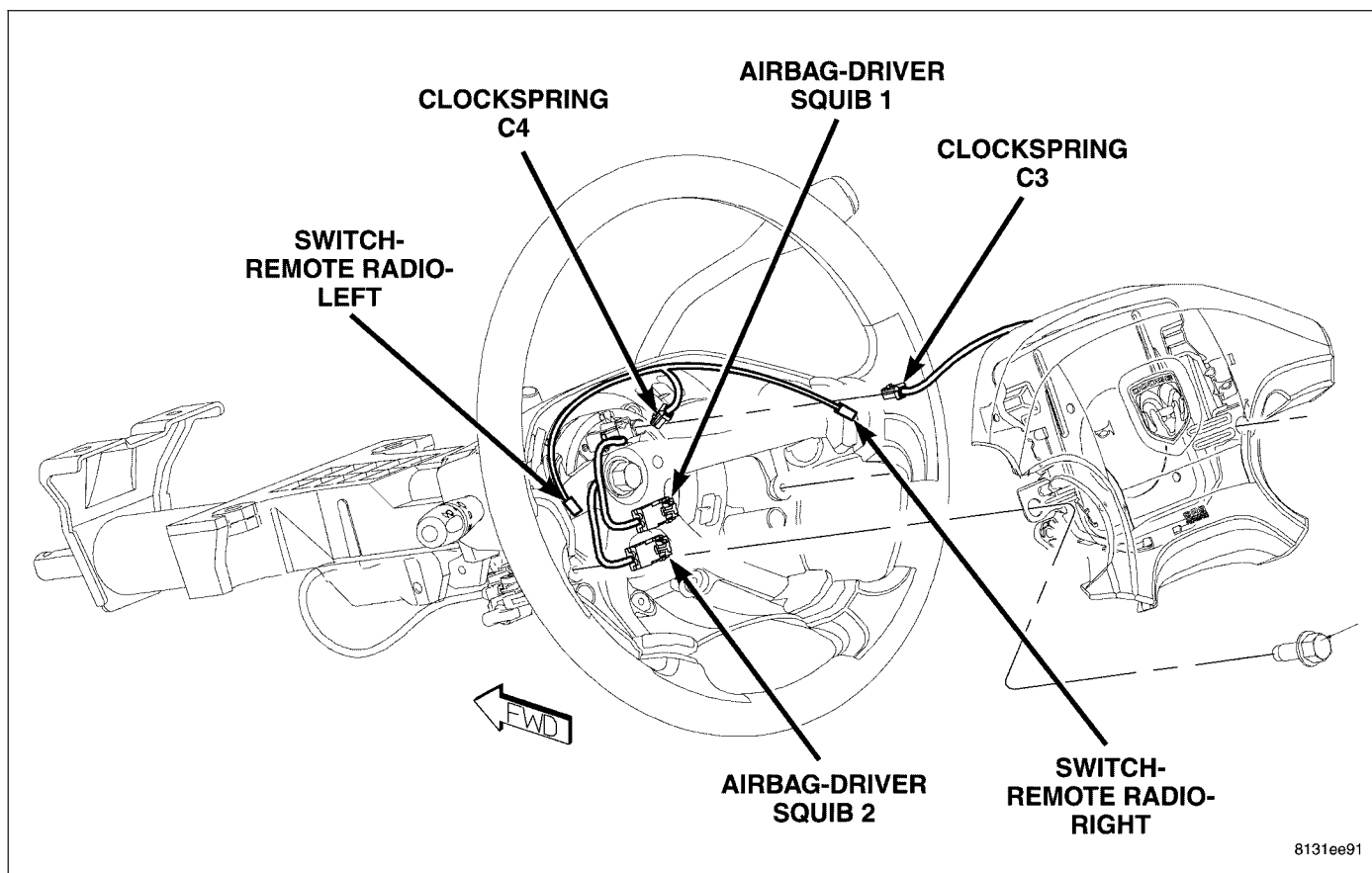
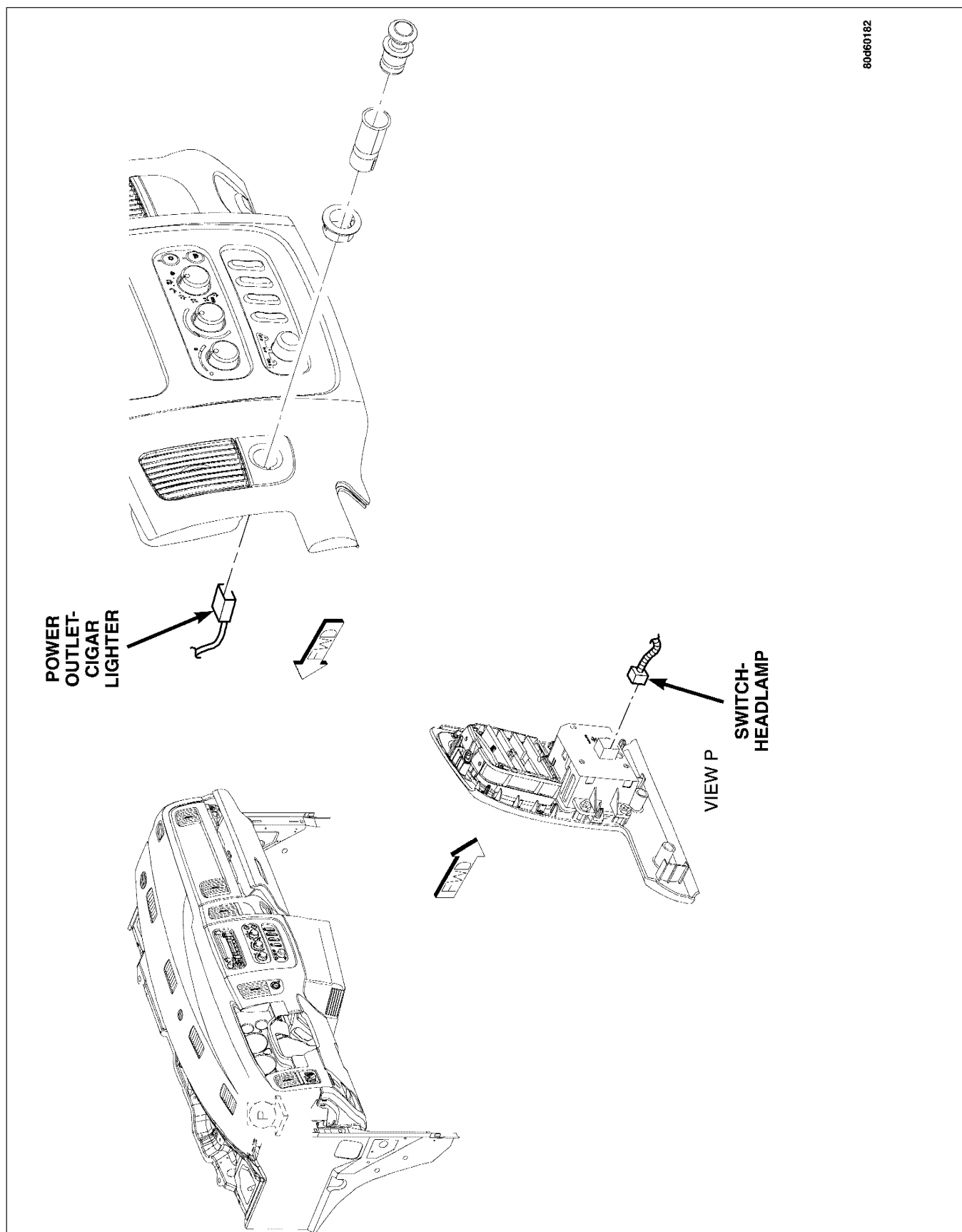
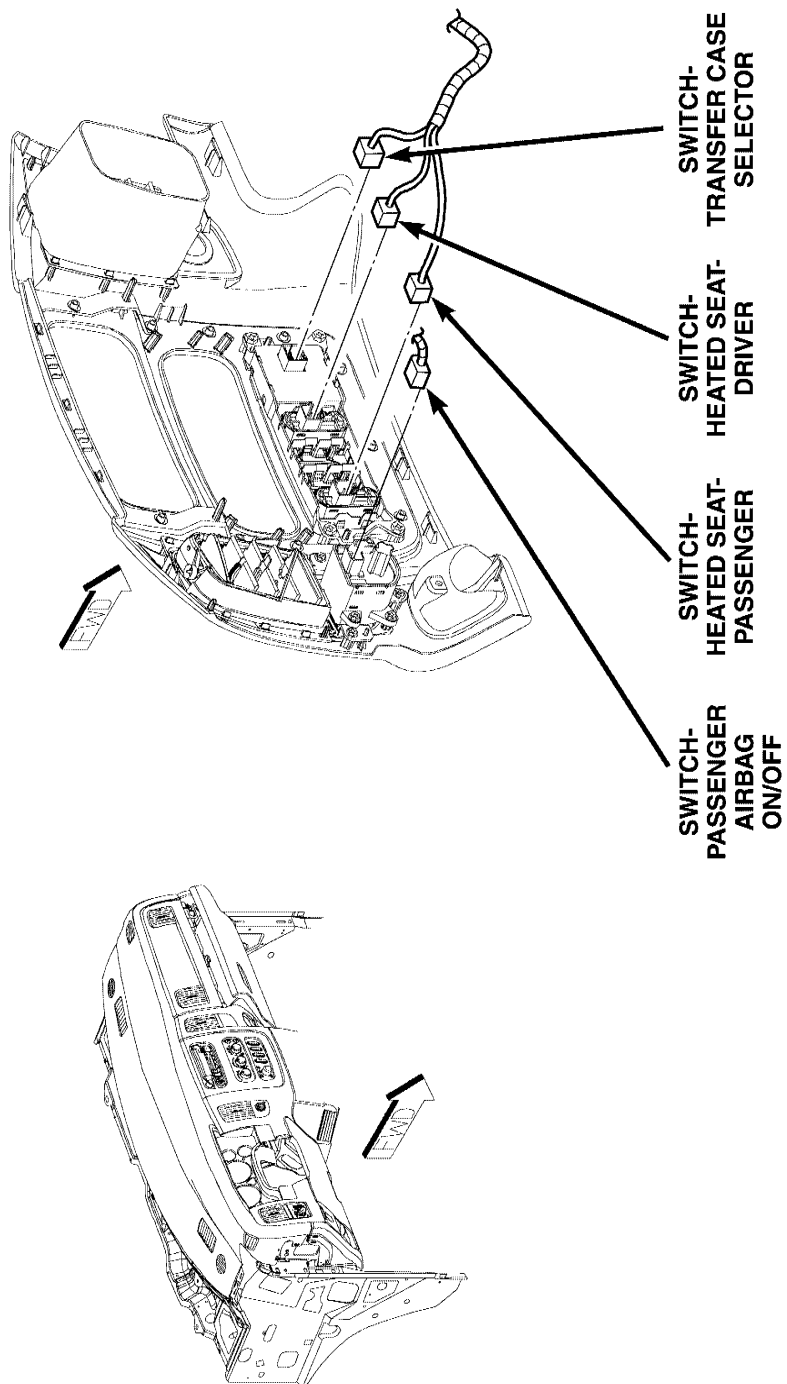


Fig. 46 STEERING WHEEL





80d60184

Fig. 48 REAR INSTRUMENT PANEL

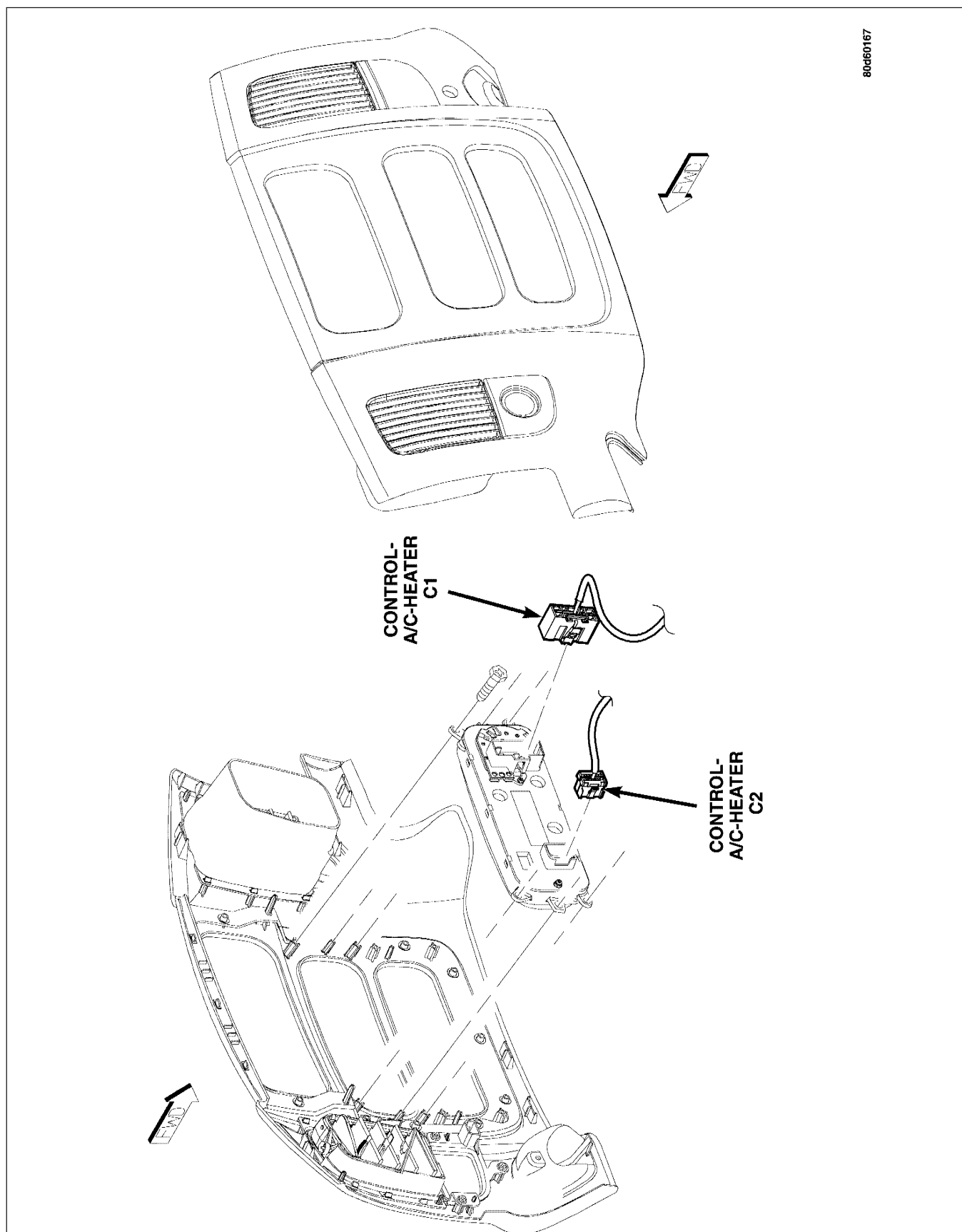


Fig. 49 CENTER INSTRUMENT PANEL

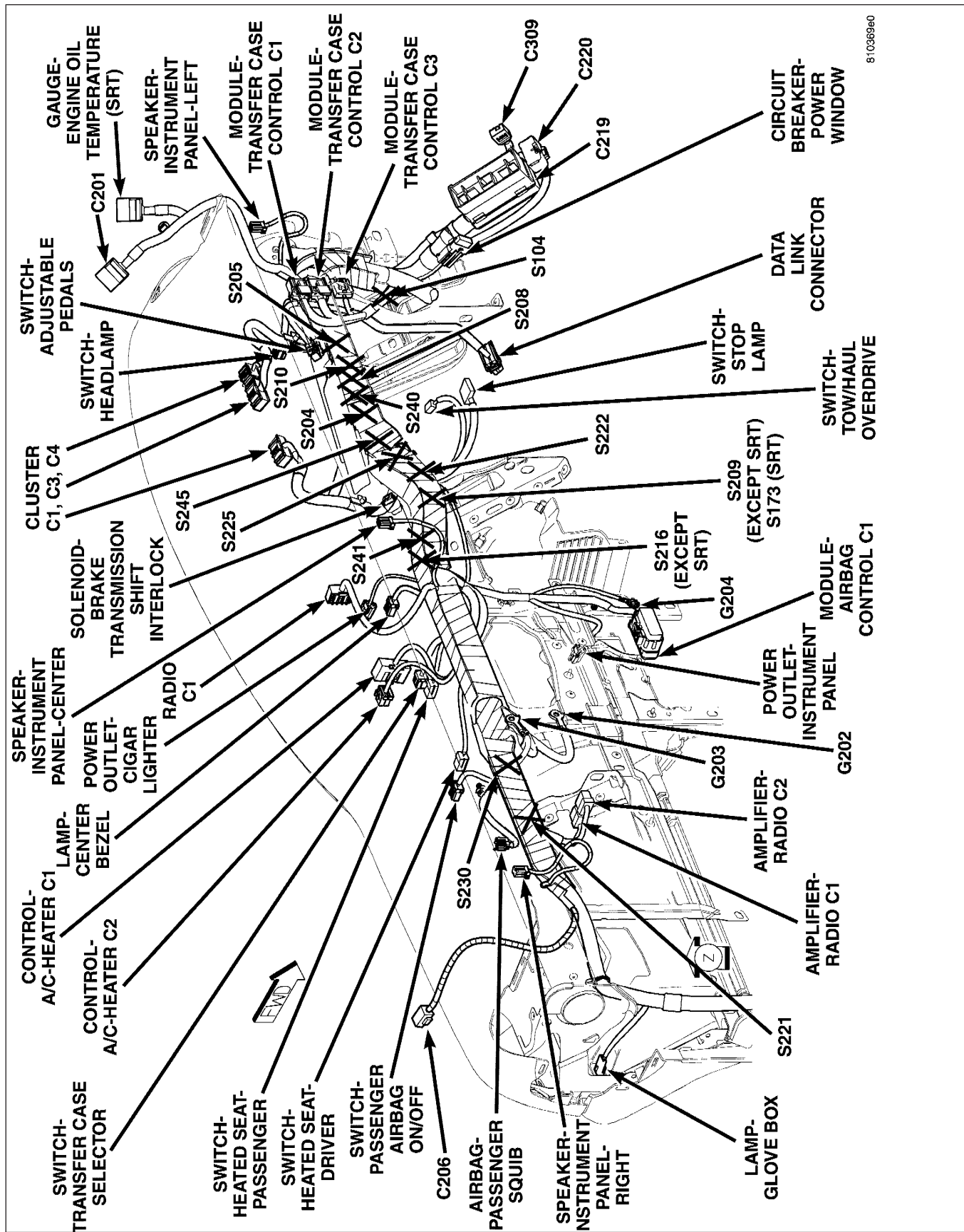


Fig. 50 INSTRUMENT PANEL



Fig. 51 CENTER INSTRUMENT PANEL

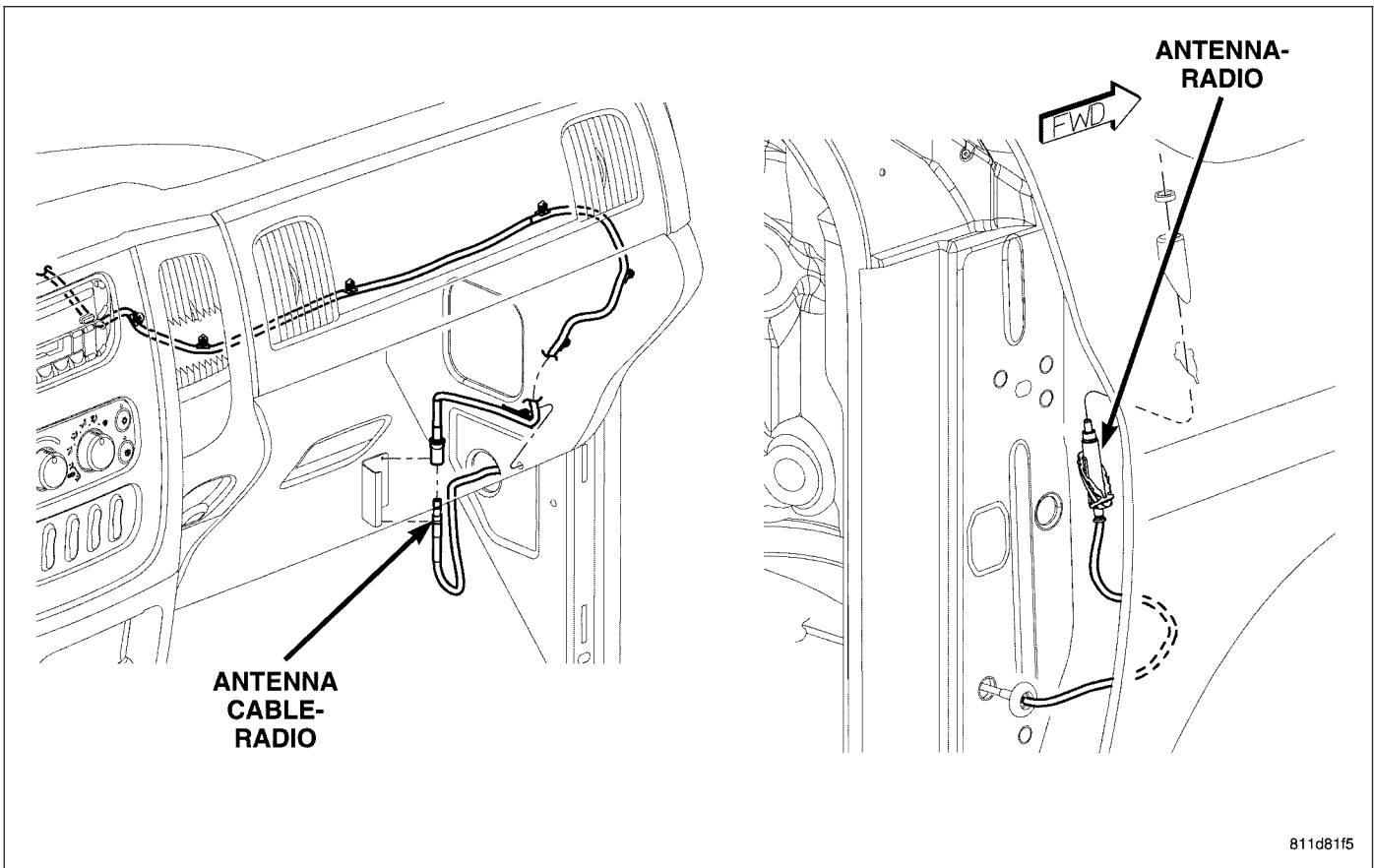


Fig. 52 RADIO ANTENNA

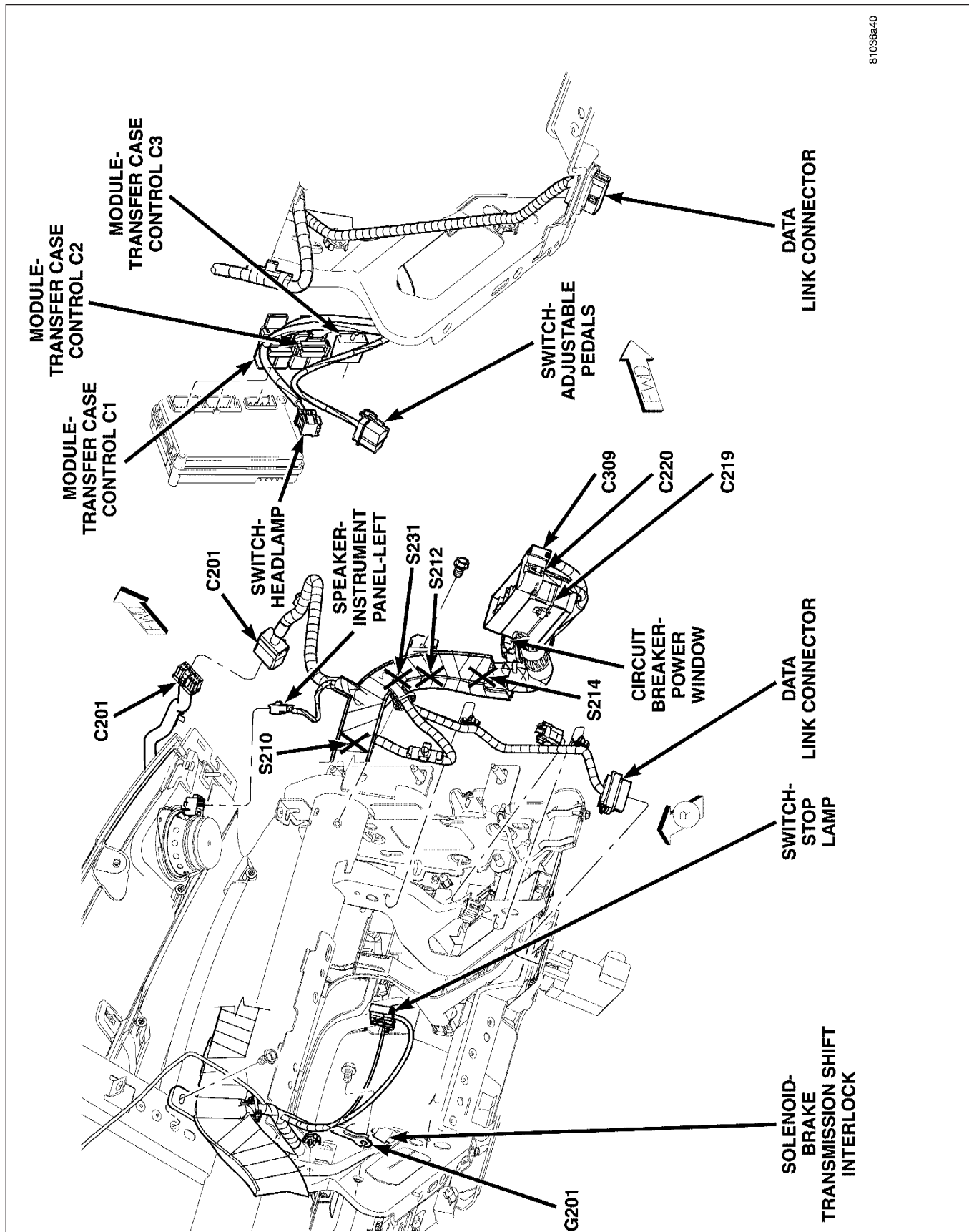


Fig. 53 LEFT INSTRUMENT PANEL

81036b16

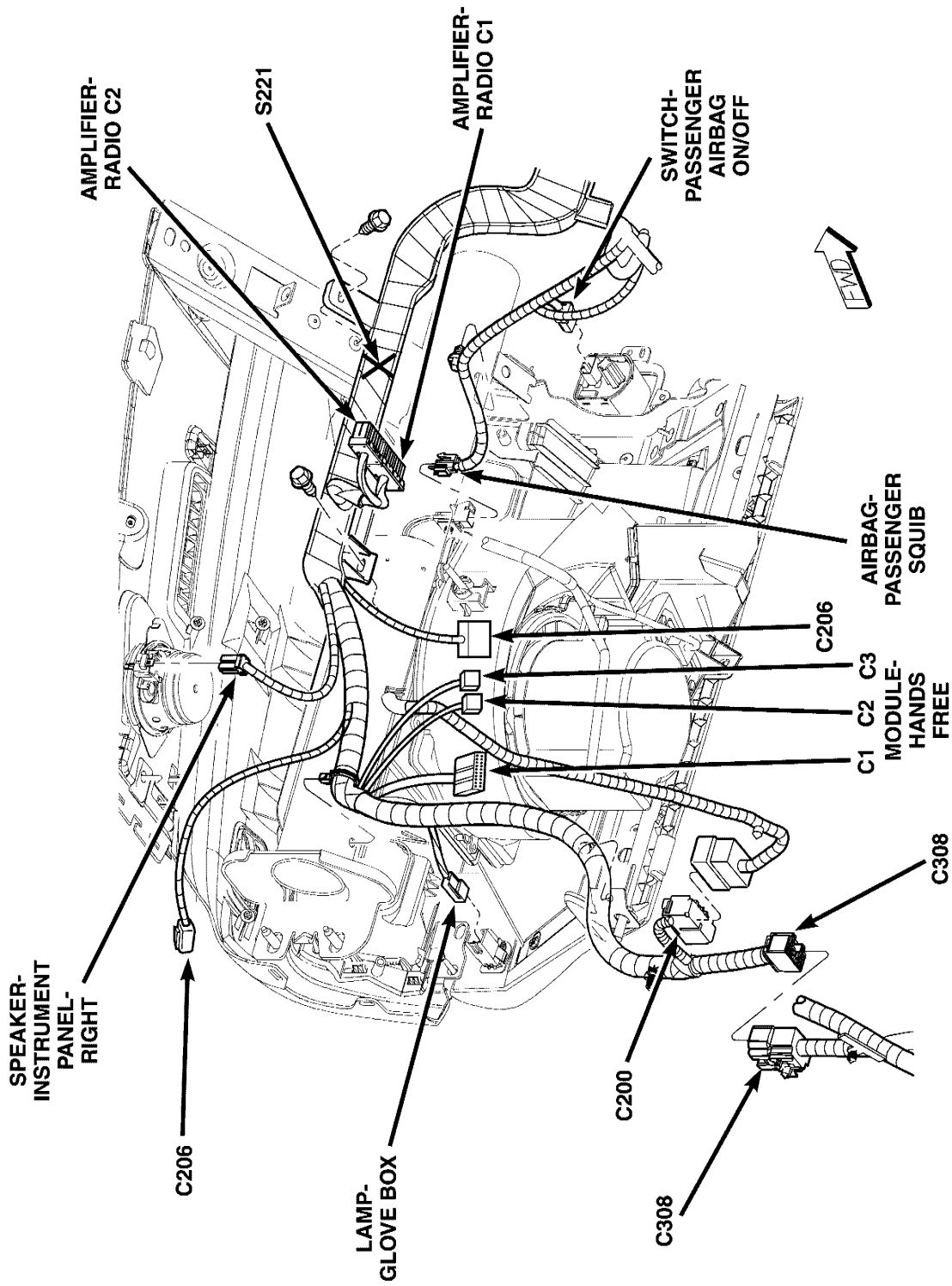


Fig. 54 RIGHT INSTRUMENT PANEL

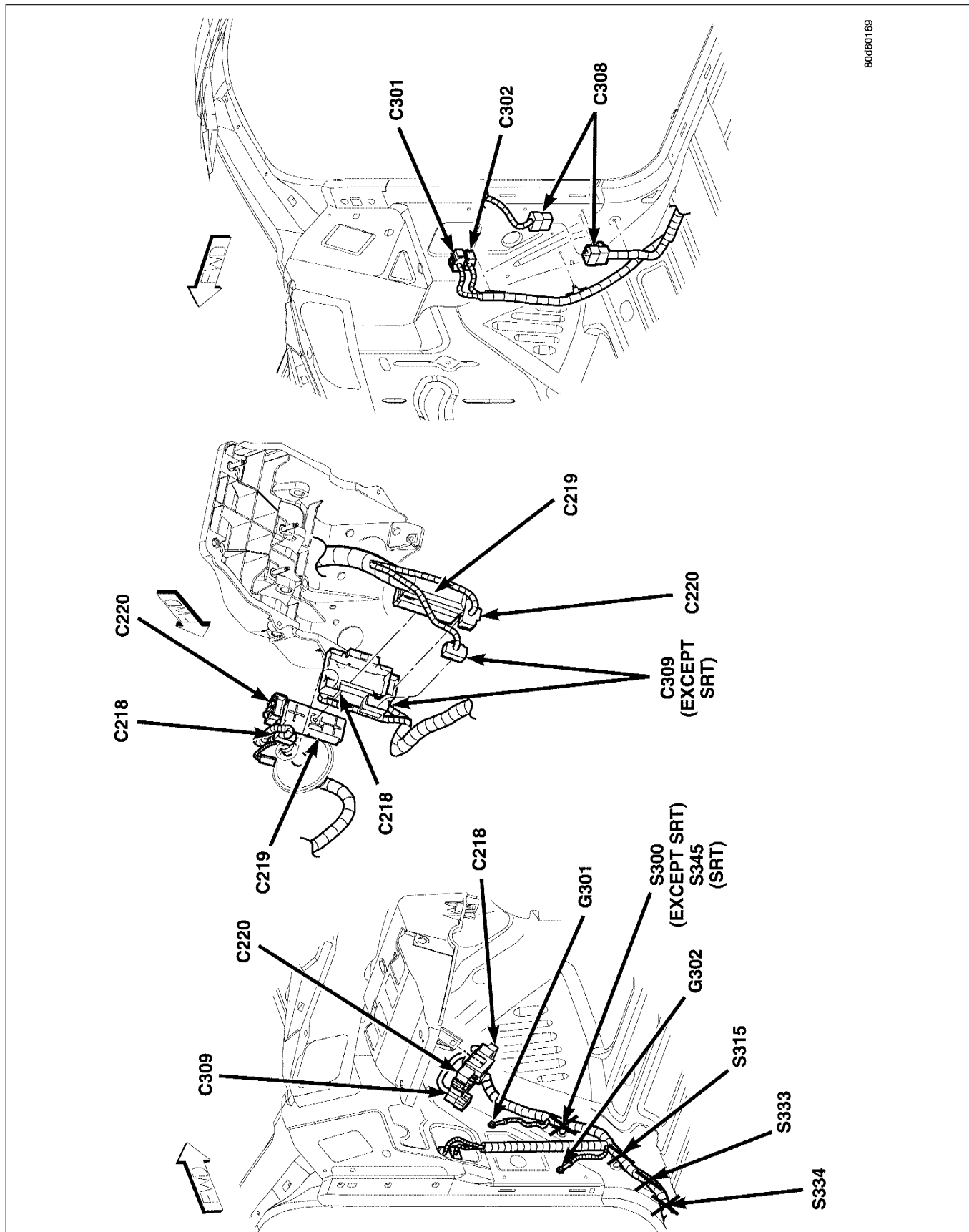


Fig. 55 STANDARD CAB FRONT BODY

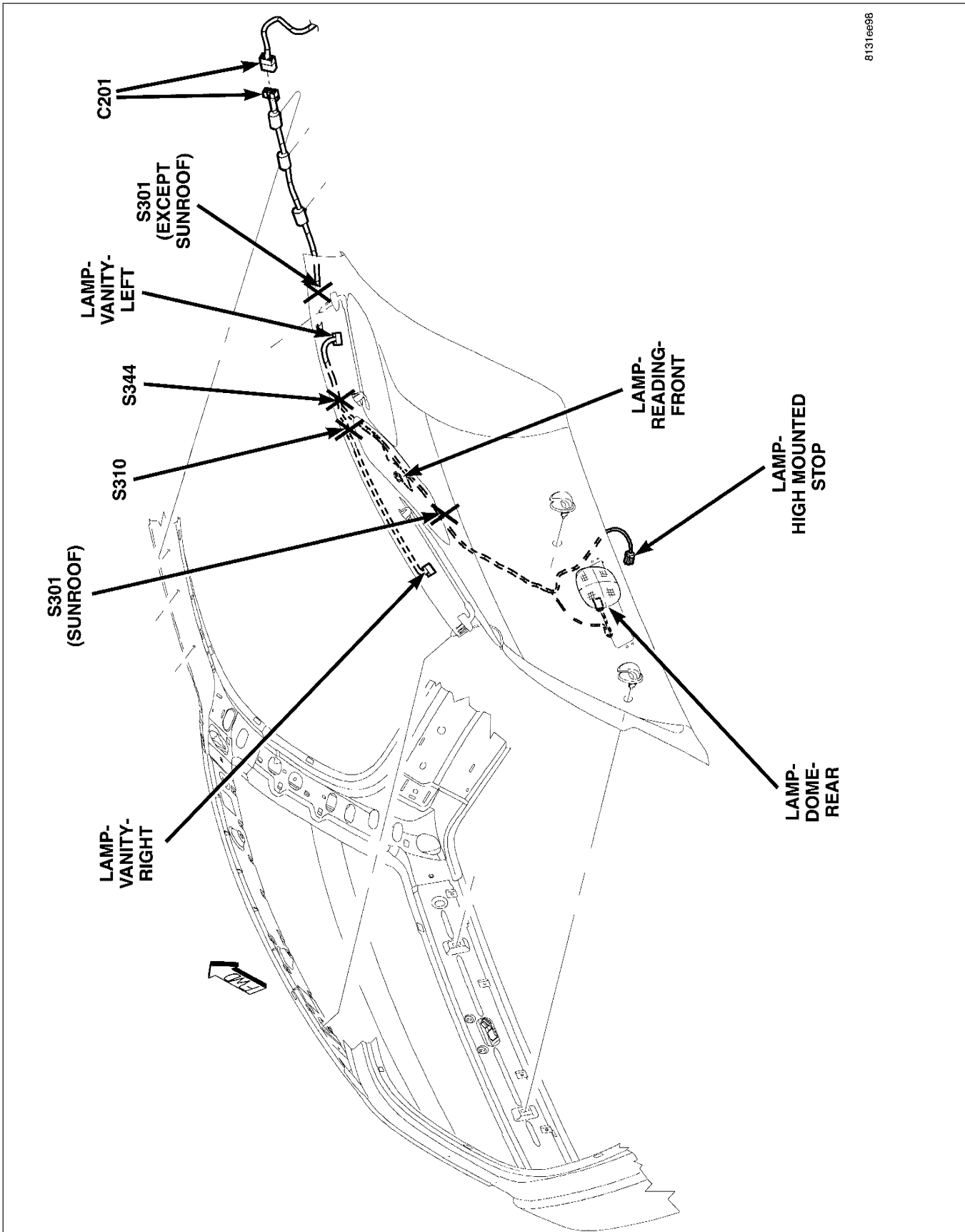


Fig. 56 HEADLINER

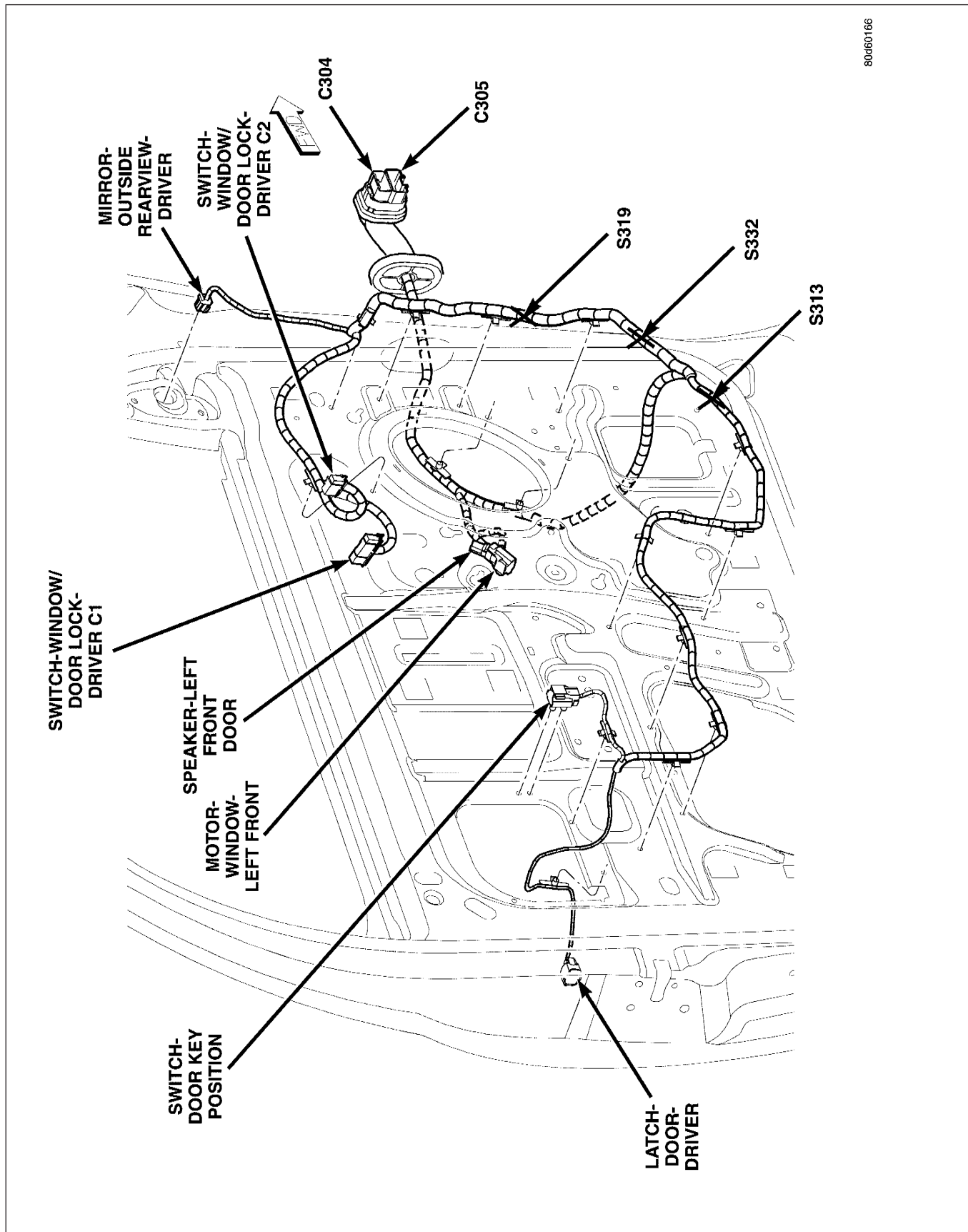
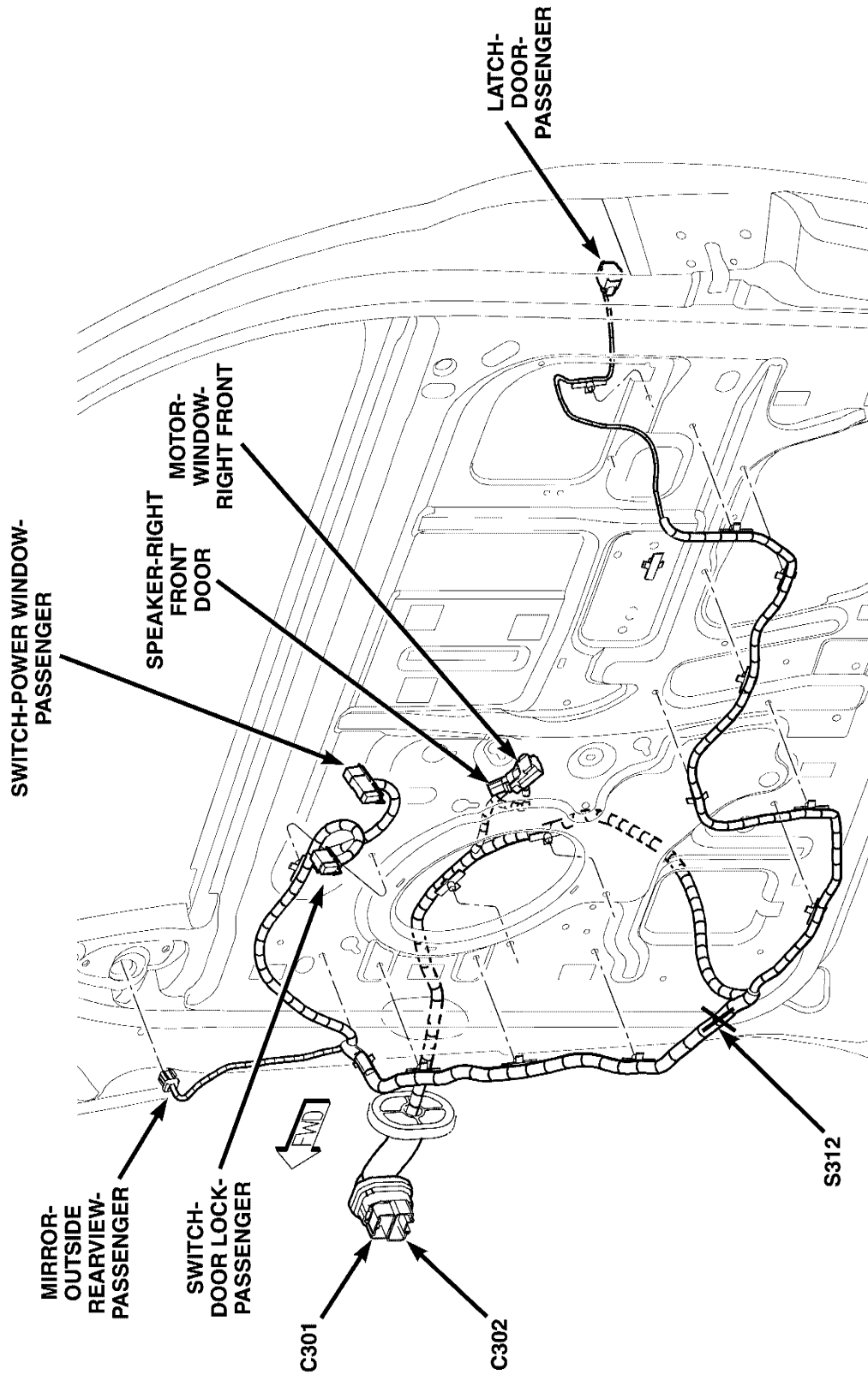


Fig. 57 LEFT FRONT DOOR PREMIUM



811d81f9

Fig. 58 RIGHT FRONT DOOR PREMIUM

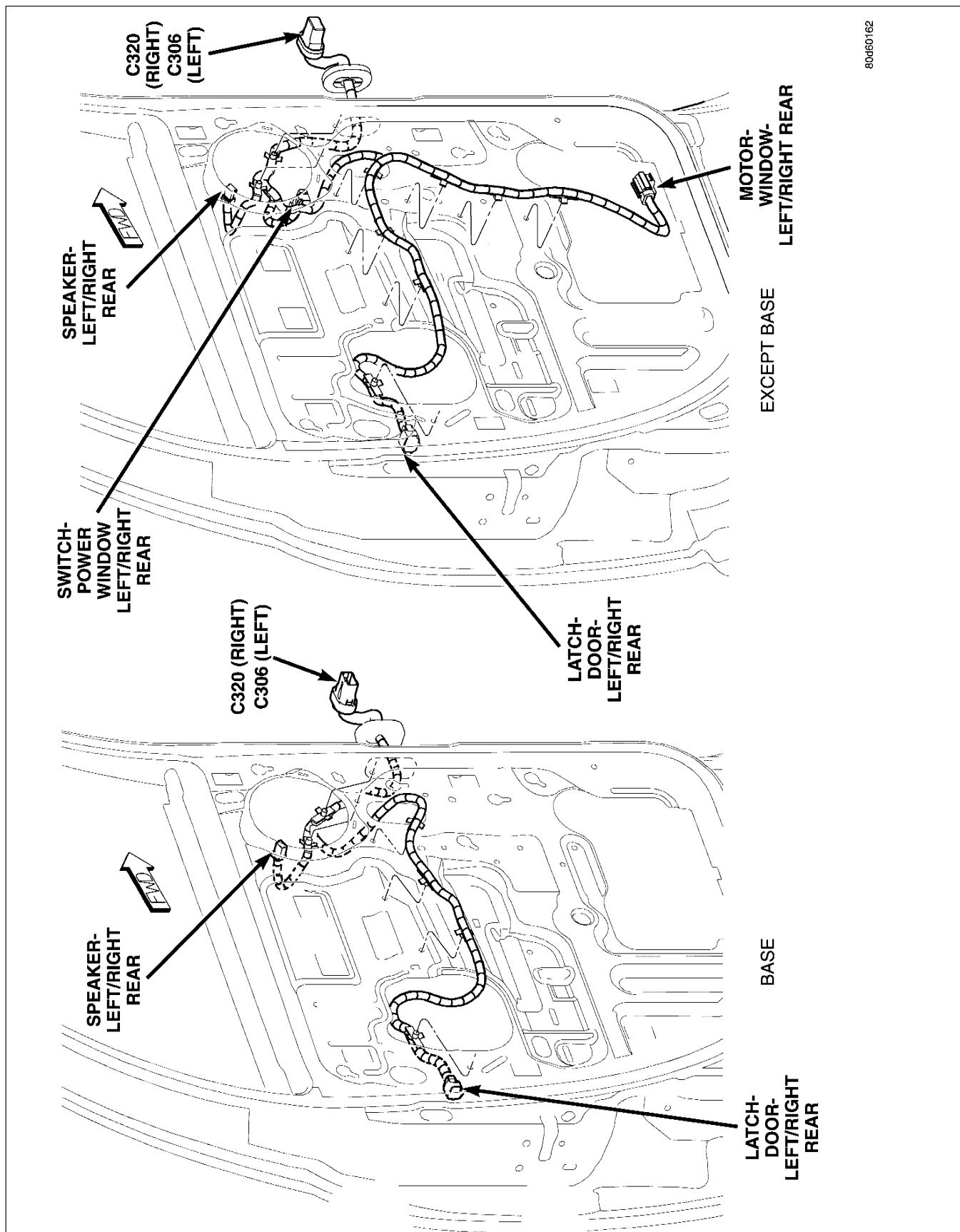
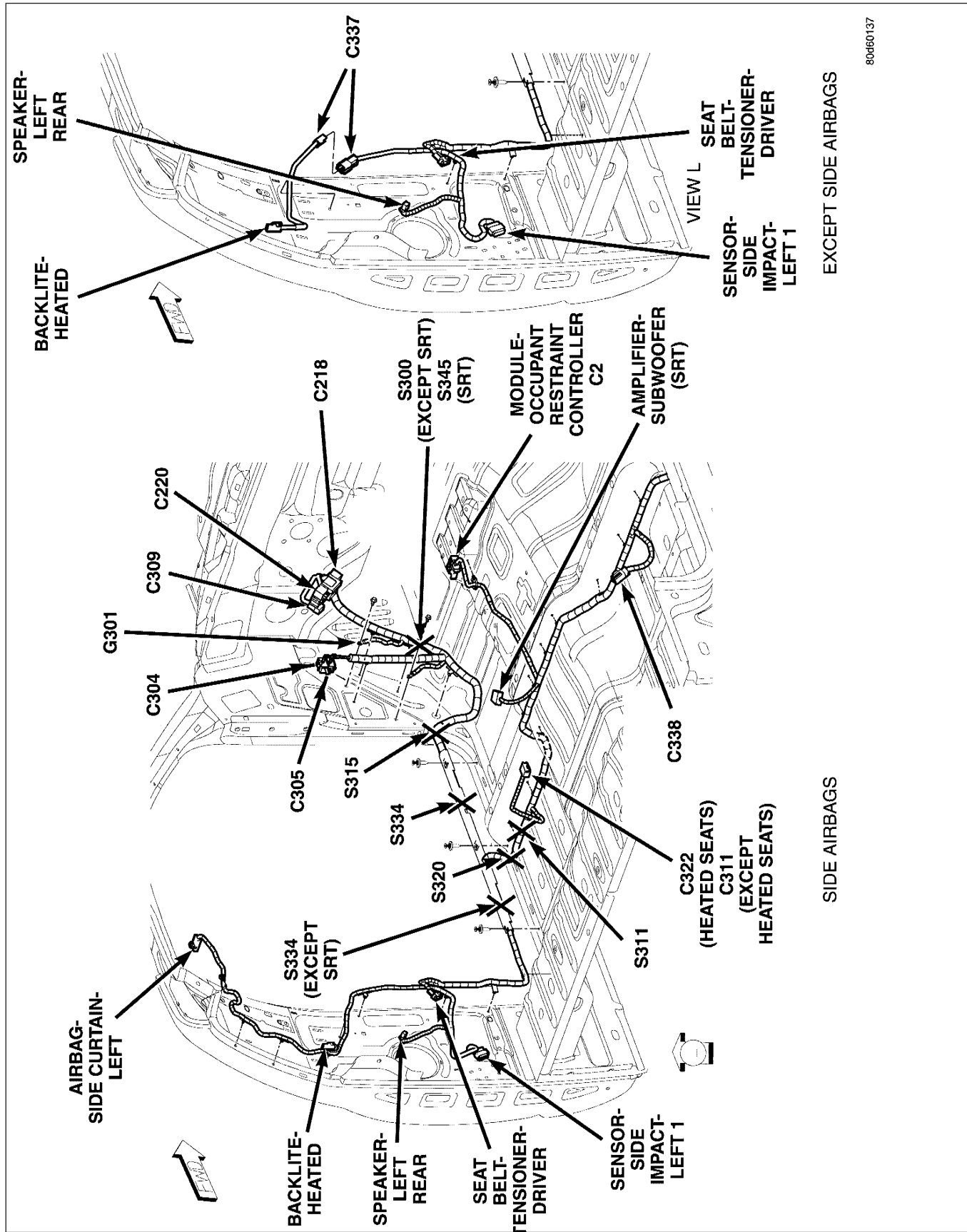


Fig. 59 LEFT REAR DOOR (RIGHT SIDE SIMILAR)



80d60137

Fig. 60 STANDARD CAB LEFT SIDE BODY

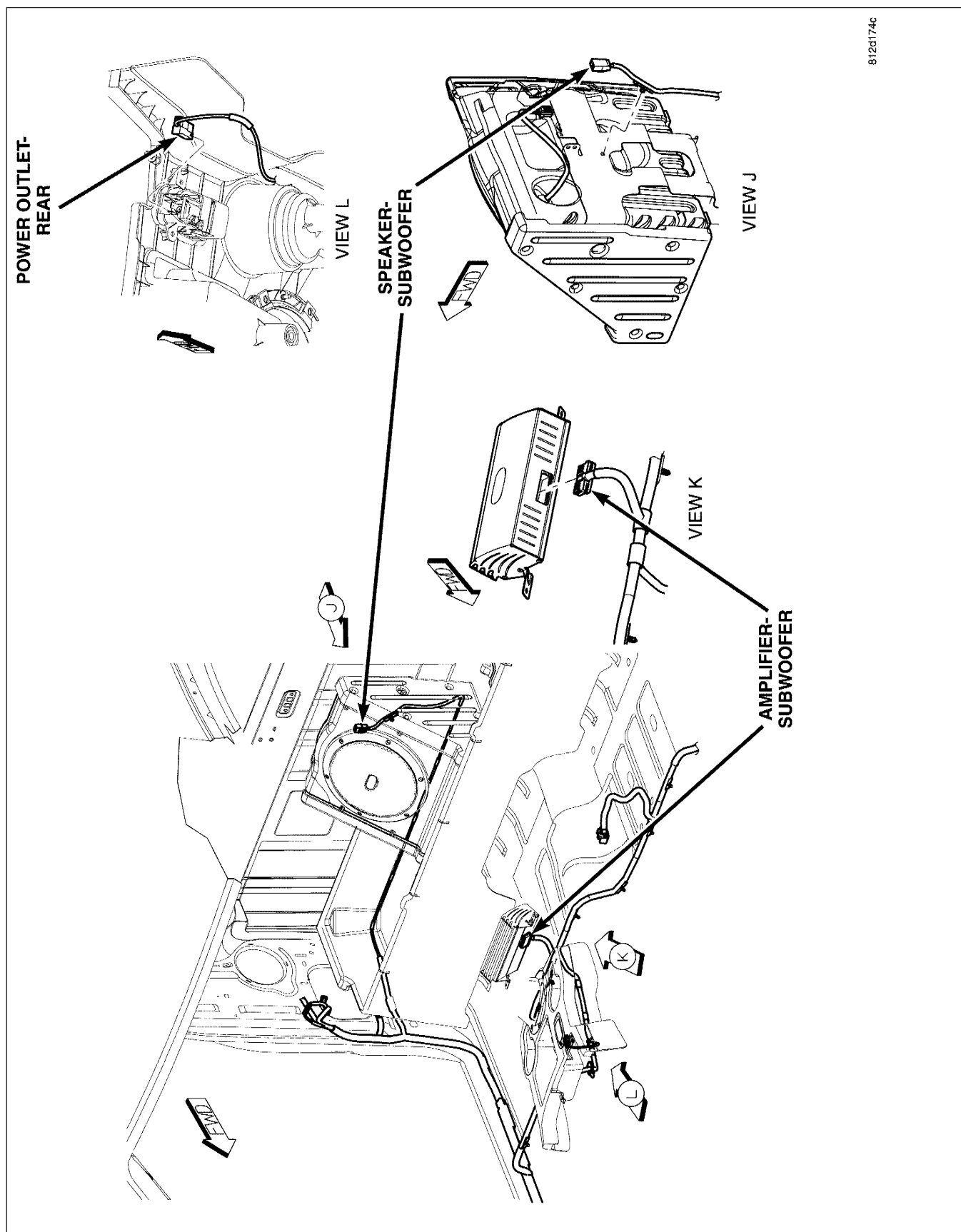


Fig. 61 CENTER BODY (SRT)

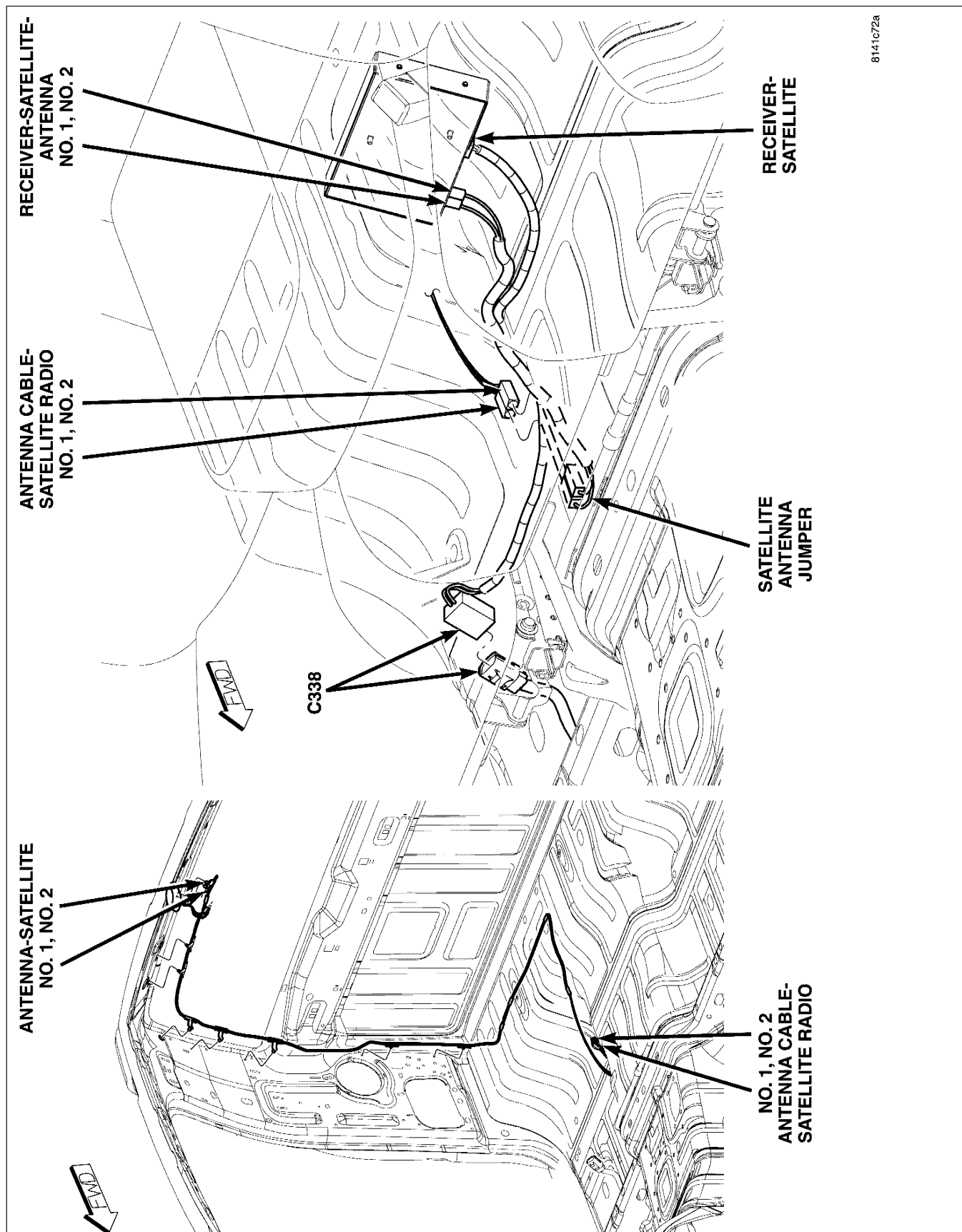


Fig. 62 SATELLITE RADIO - STANDARD CAB

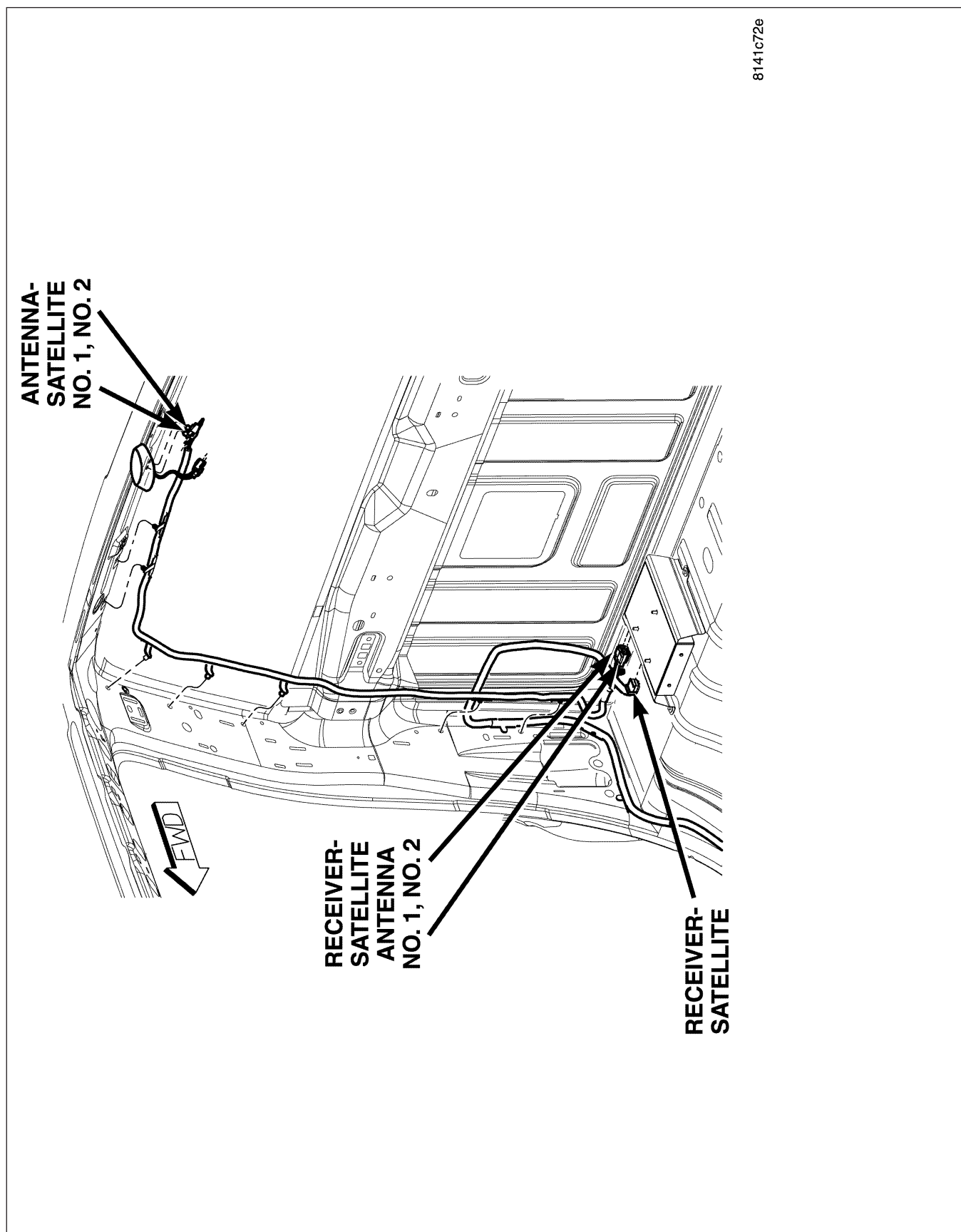


Fig. 63 SATELLITE RADIO - QUAD CAB

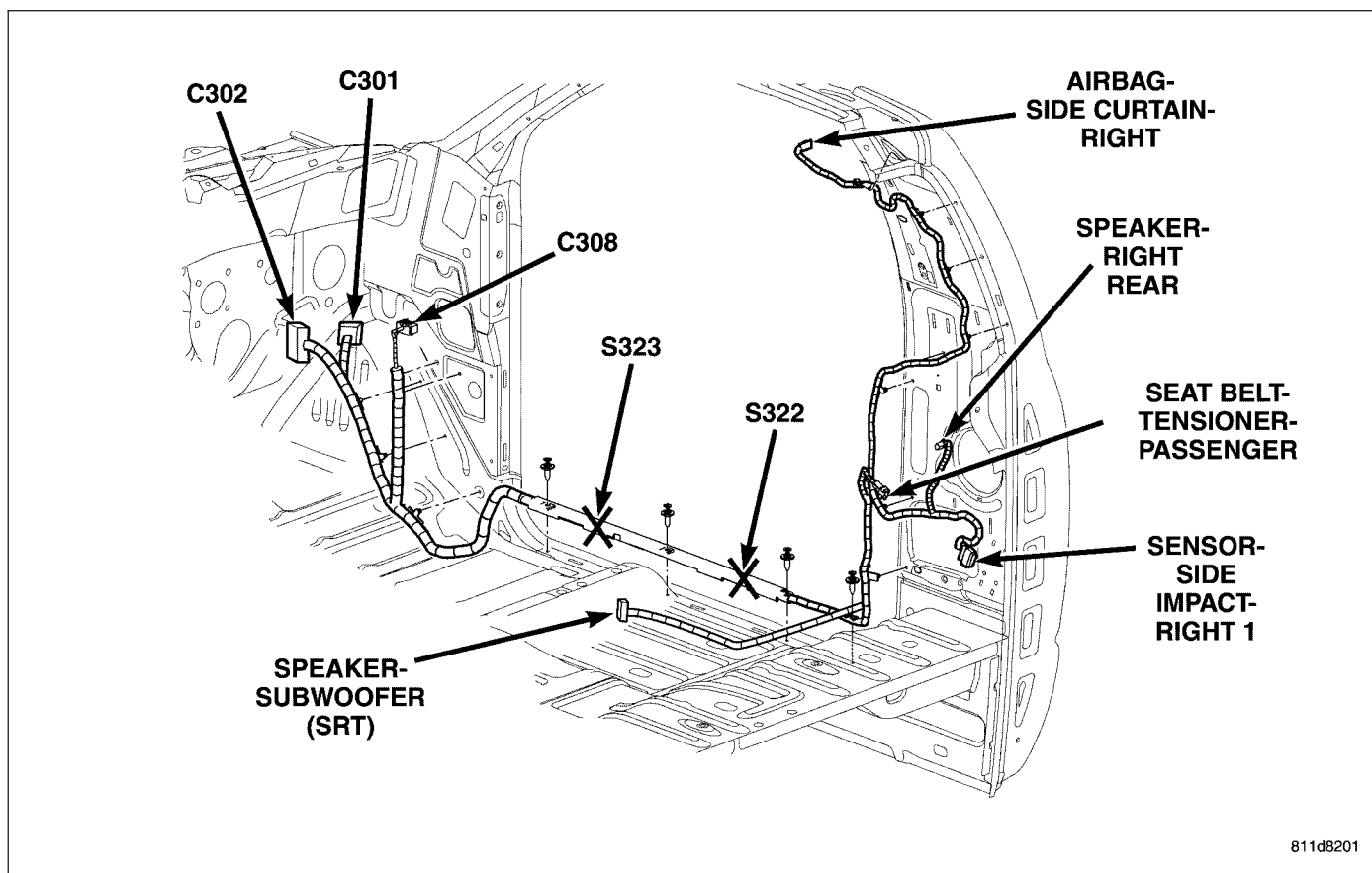


Fig. 64 STANDARD CAB RIGHT SIDE BODY

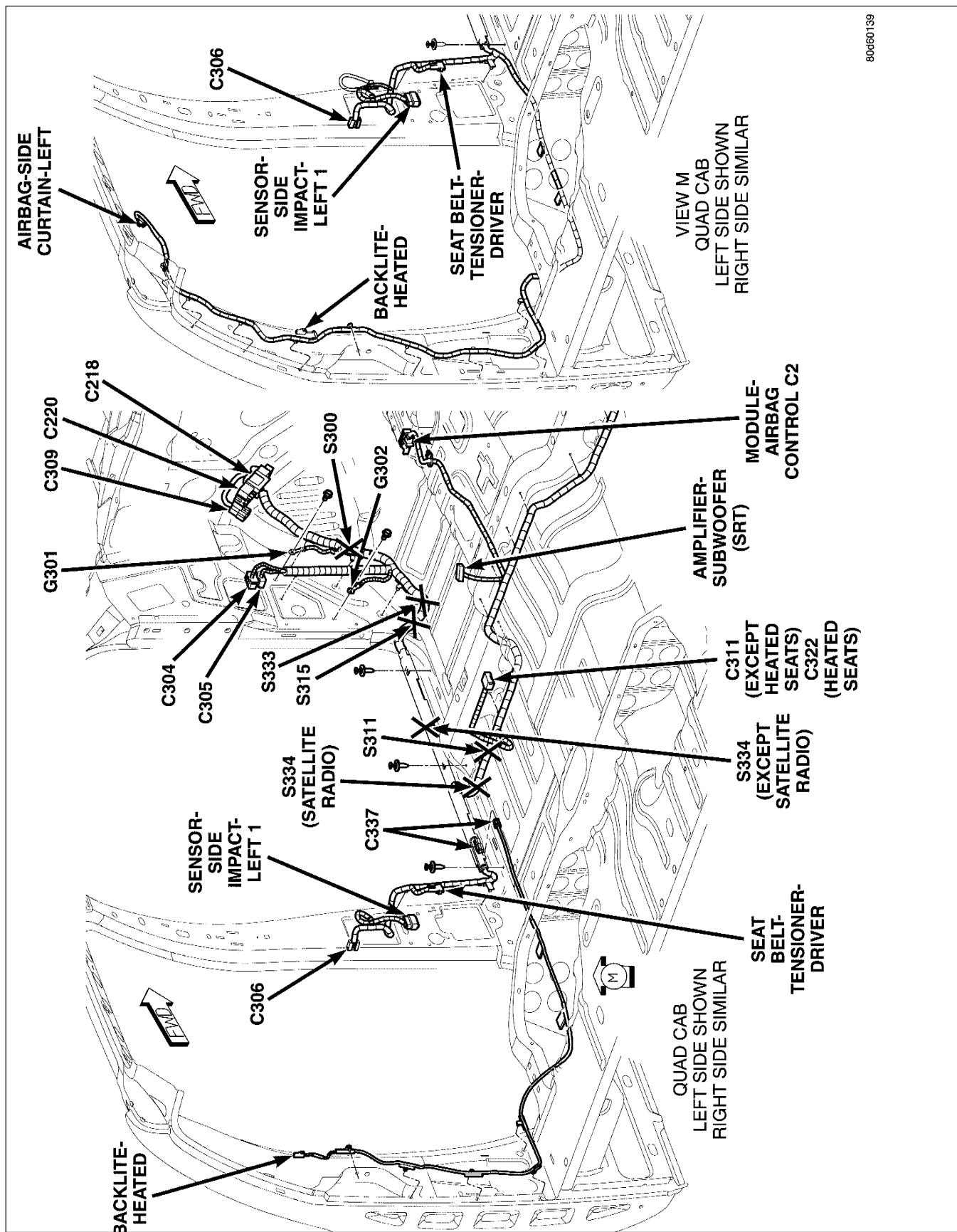


Fig. 65 QUAD CAB LEFT SIDE BODY

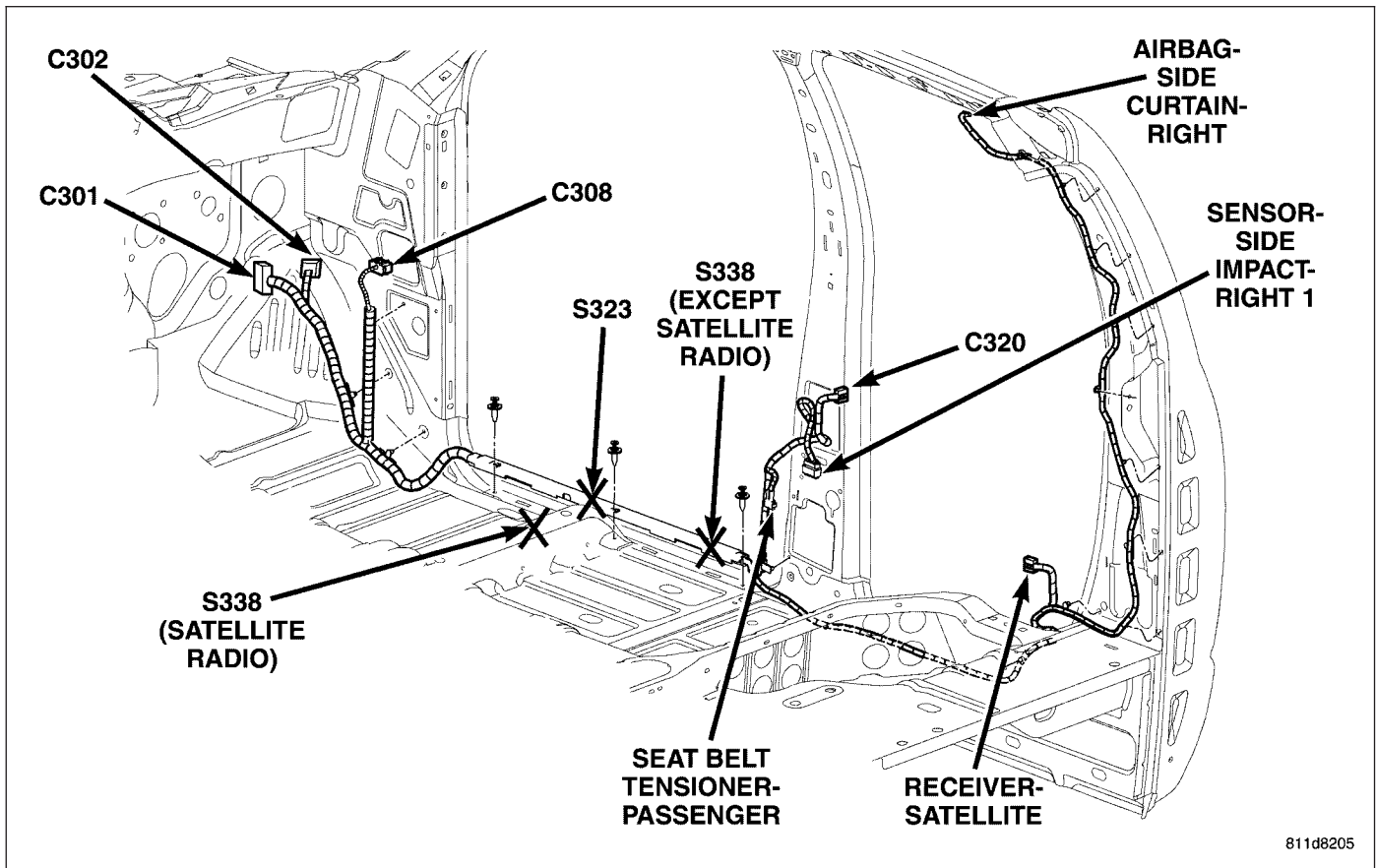


Fig. 66 QUAD CAB RIGHT SIDE BODY

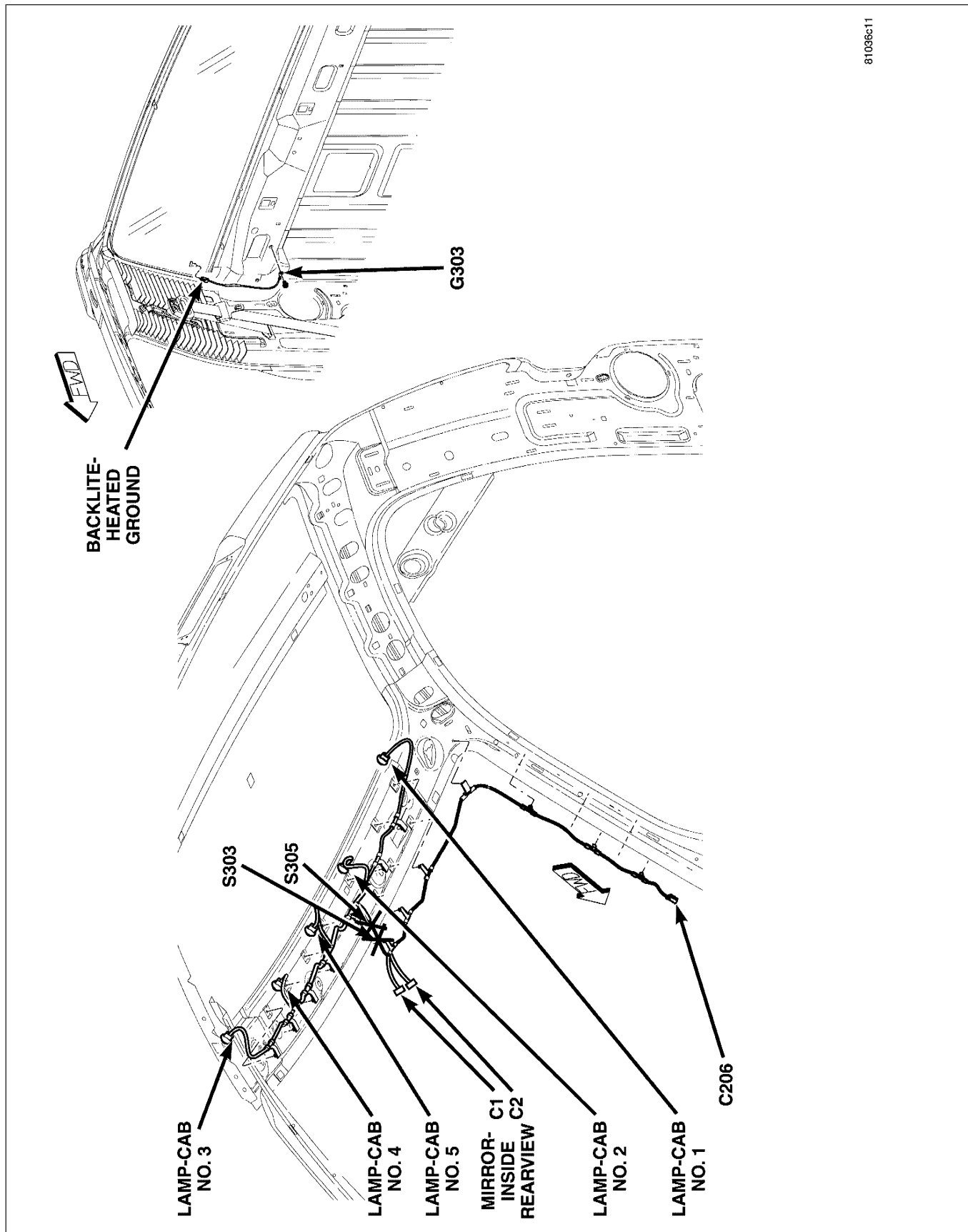


Fig. 67 ROOF

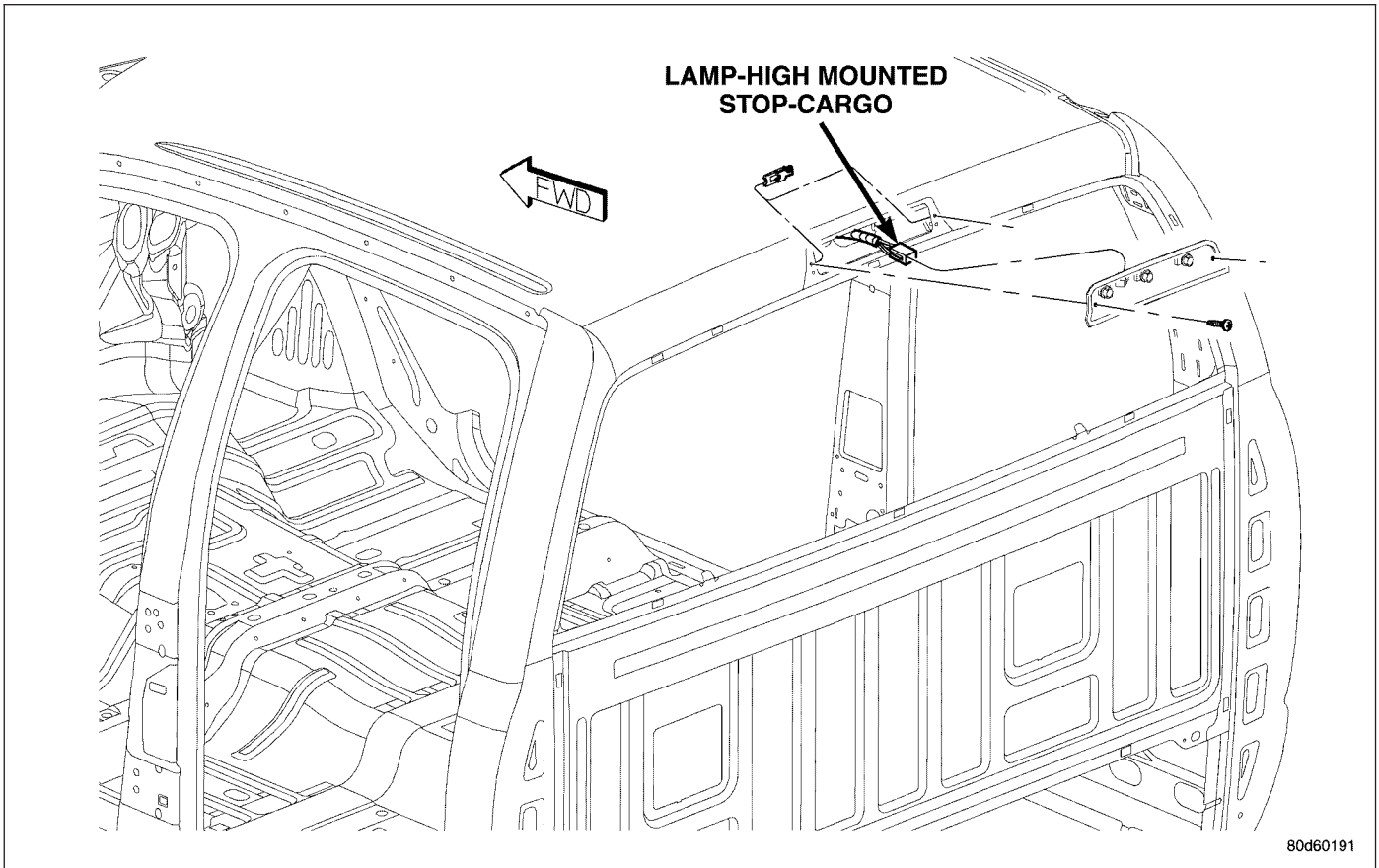


Fig. 68 REAR BODY

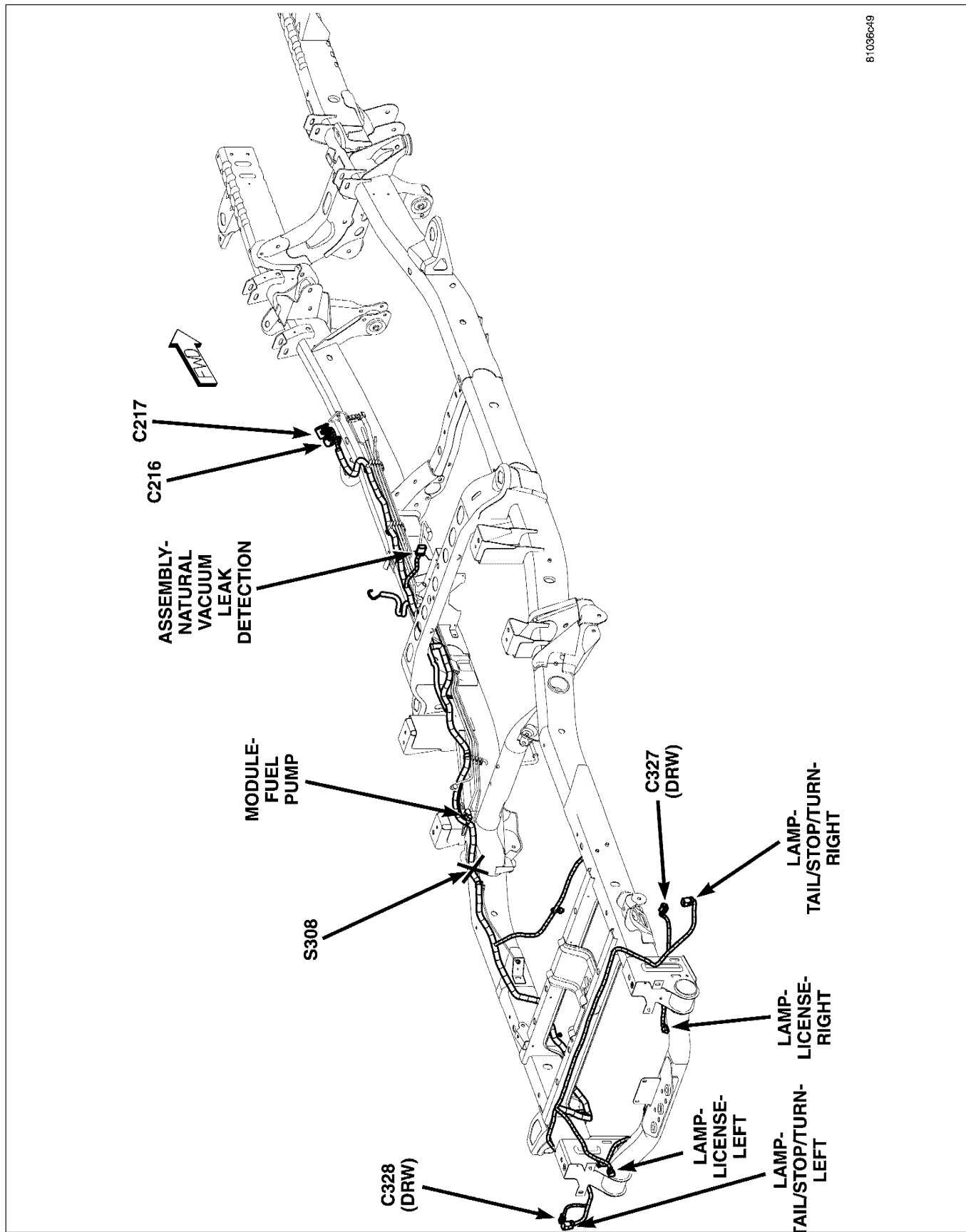
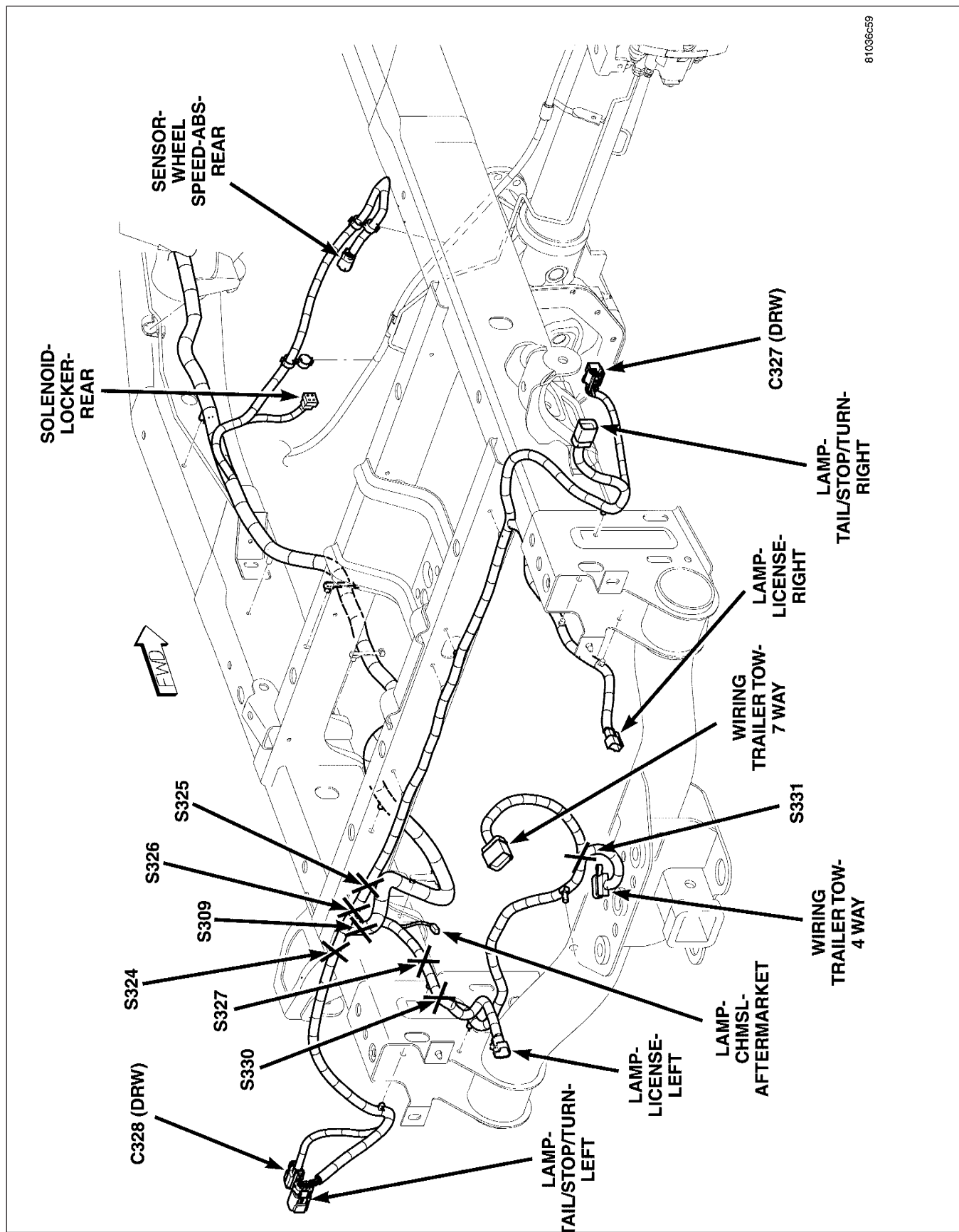


Fig. 69 CHASSIS



81036c59

Fig. 70 REAR CHASSIS

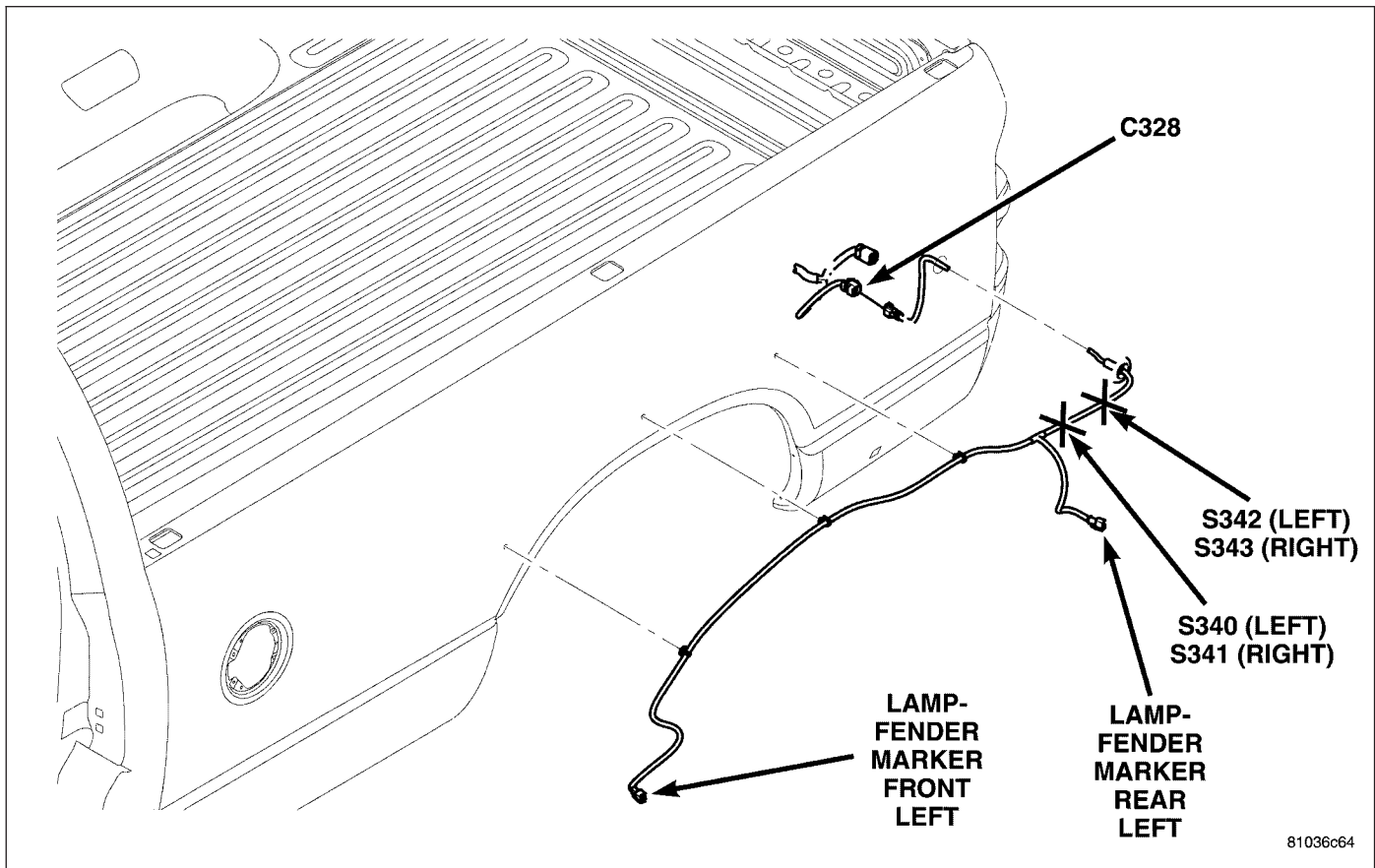


Fig. 71 LEFT REAR FENDER (RIGHT SIDE SIMILAR)

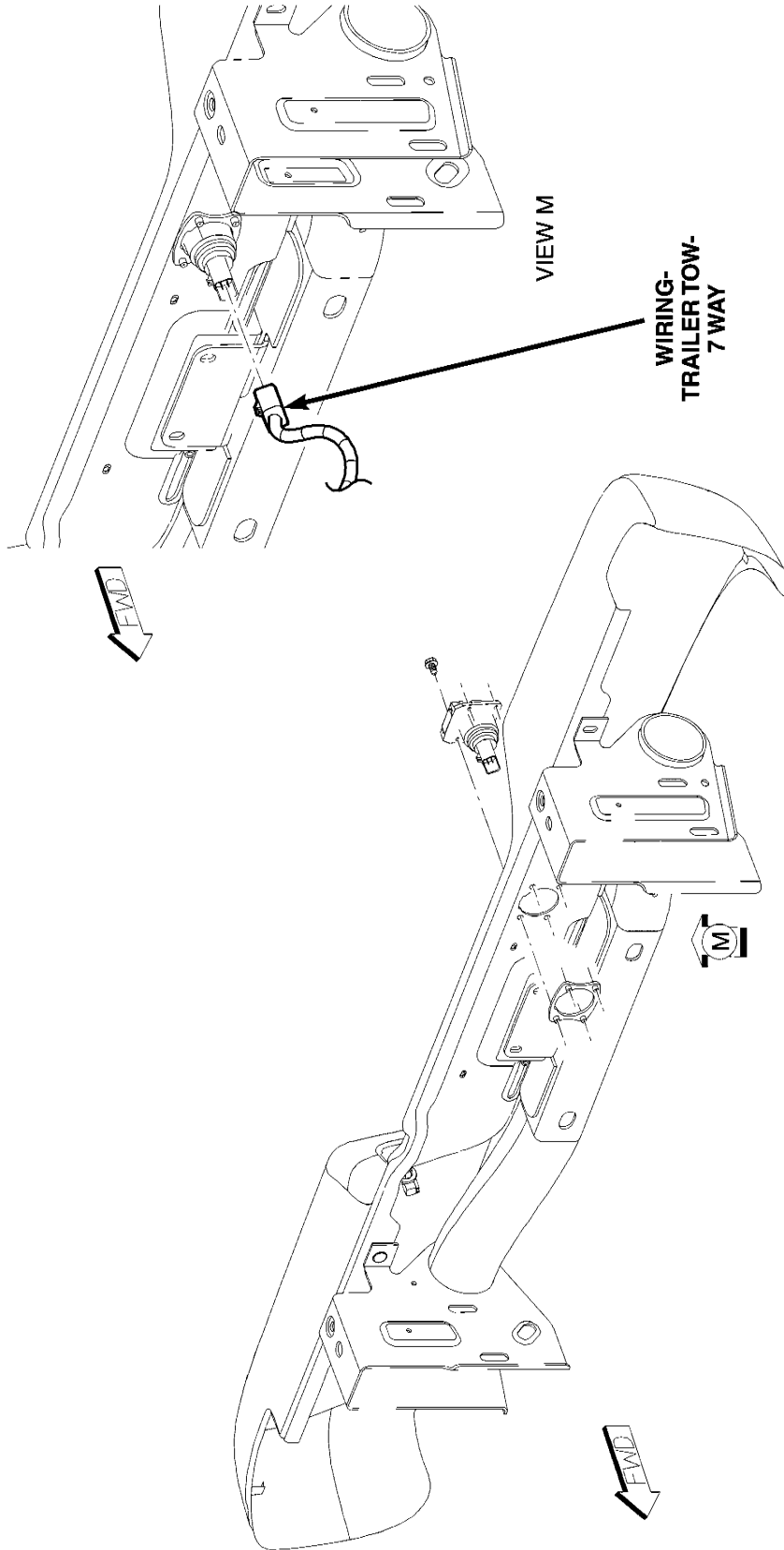


Fig. 72 REAR BUMPER

8W-97 POWER DISTRIBUTION

TABLE OF CONTENTS

	page		page
POWER DISTRIBUTION		OPERATION	7
DESCRIPTION	1	DIAGNOSIS AND TESTING	
OPERATION	1	CIGAR LIGHTER OUTLET	8
SPECIAL TOOLS		REMOVAL	8
POWER DISTRIBUTION SYSTEMS	2	INSTALLATION	8
MODULE-INTEGRATED POWER		POWER OUTLET-CONSOLE	
DESCRIPTION	3	DESCRIPTION	9
OPERATION	3	OPERATION	9
REMOVAL	4	DIAGNOSIS AND TESTING	
INSTALLATION	5	POWER OUTLET	9
IOD FUSE		REMOVAL	10
DESCRIPTION	6	INSTALLATION	10
OPERATION	7		
POWER OUTLET-INSTRUMENT PANEL			
DESCRIPTION	7		

POWER DISTRIBUTION

DESCRIPTION

The power distribution system for this vehicle consists of the following components:

- Integrated Power Module (IPM)
- Front Control Module (FCM)
- Power Distribution Center (PDC)
- Power Outlets
- Cigar Lighter Outlets

The power distribution system also incorporates various types of circuit control and protection devices, including:

- Automatic resetting circuit breakers
- Blade-type fuses
- Cartridge fuses
- Relays

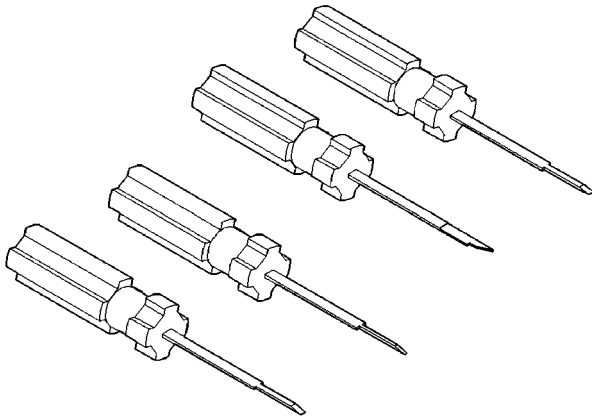
For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

OPERATION

The power distribution system for this vehicle is designed to provide safe, reliable, and centralized distribution points for the electrical current required to operate all of the many standard and optional factory-installed electrical and electronic powertrain, chassis, safety, security, comfort and convenience systems. At the same time, the power distribution system was designed to provide ready access to these electrical distribution points for the technician to use when conducting diagnosis and repair of inoperative circuits. The power distribution system can also prove useful for the sourcing of additional electrical circuits that may be required to provide the electrical current needed to operate many accessories that the vehicle owner may choose to have installed.

SPECIAL TOOLS

POWER DISTRIBUTION SYSTEMS



MODULE-INTEGRATED POWER

DESCRIPTION

The Integrated Power Module (IPM) is a combination of the Power Distribution Center (PDC) (1) and the Front Control Module (FCM) (2). The PDC mates directly with the FCM to form the IPM. The PDC is a printed circuit board based module that contains fuses and relays, while the FCM contains the electronics controlling the IPM and other functions. The IPM is located in the engine compartment, next to the battery and connects directly to the battery positive via a stud located on top of the unit. The ground connection is via electrical connectors. The IPM provides the primary means of voltage distribution and protection for the entire vehicle.

The molded plastic IPM housing includes a base and cover. The IPM cover is easily opened or removed for service access by unscrewing the cover retaining nut and has a fuse and relay layout map integral to the inside surface of the cover. This IPM housing base and cover are secured in place via bolts to the left front fender support assembly.

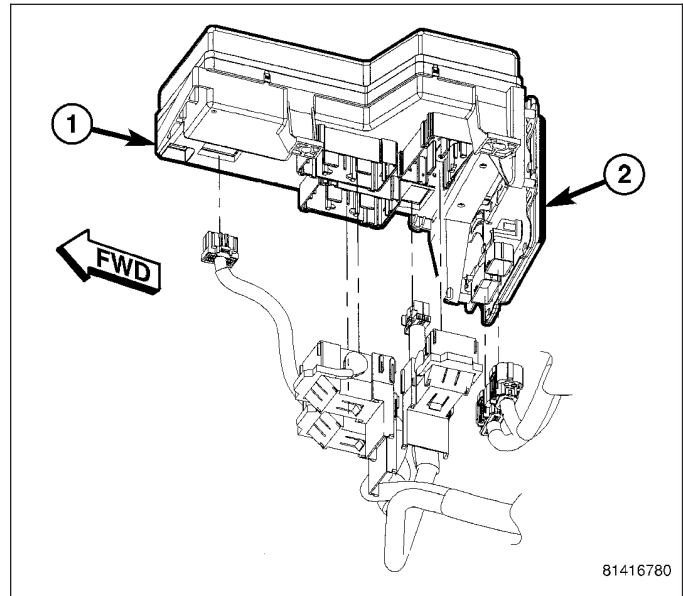
Replaceable components of the IPM assembly are broken down into the following components:

- The Power Distribution Center (PDC)
- The IPM cover
- The Front Control Module (FCM)
- Complete IPM assembly that includes all three parts

OPERATION

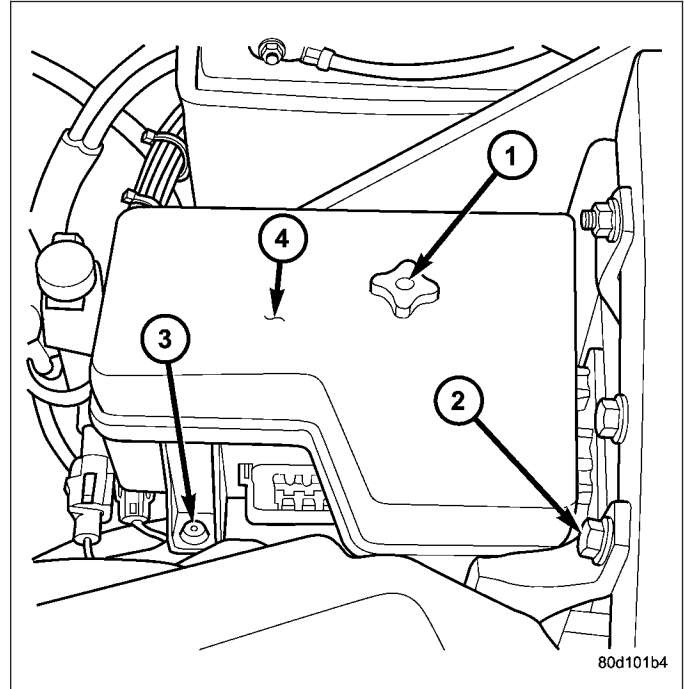
All of the current from the battery and the generator output enters the integrated power module via a stud on the top of the module. The integrated power module cover is removed to access the fuses or relays. Internal connections of all of the power distribution center circuits is accomplished by a combination of bus bars and a printed circuit board.

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

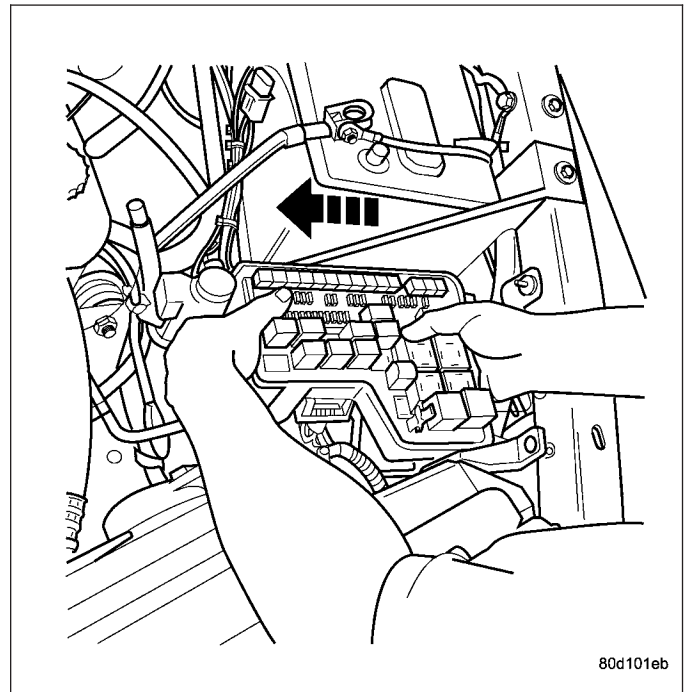


REMOVAL

1. Disconnect and isolate the battery negative cable.
2. Remove cover (4) by loosening the cover screw (1).
3. Remove the B+ terminal nut from the Integrated Power Module (IPM) B+ terminal. Remove the B+ cable from the IPM.
4. Disconnect the gray connector from the IPM.
5. Remove the IPM retaining bolt (2) and screw (3).



6. Grasp the IPM with two hands and slide the assembly in the direction shown to free the module from its mounting bracket. Position the assembly upside down to access the electrical connectors located on the bottom of the unit.
7. Disconnect the electrical connectors by depressing the locking tab and rotating the connector arm out-board, until the connector is free from the IPM assembly. Be certain to pull the connectors straight off.
8. Remove the IPM from the vehicle.

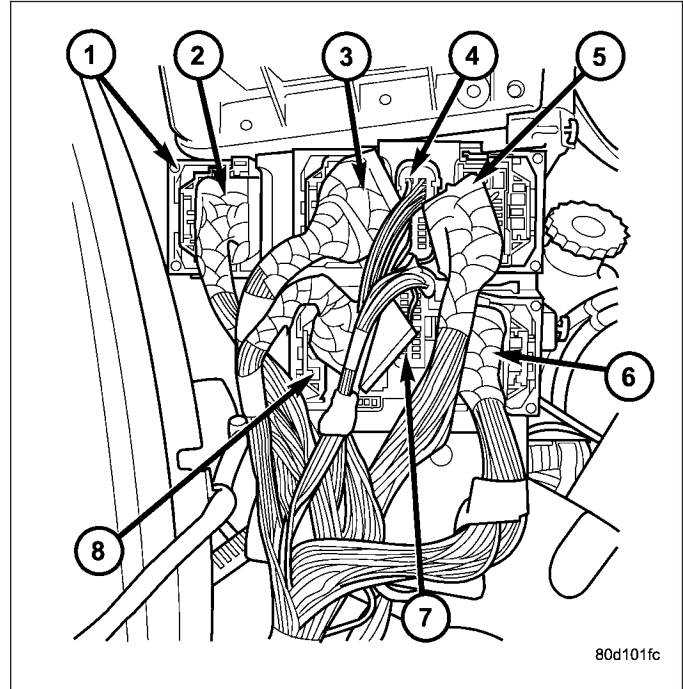


INSTALLATION

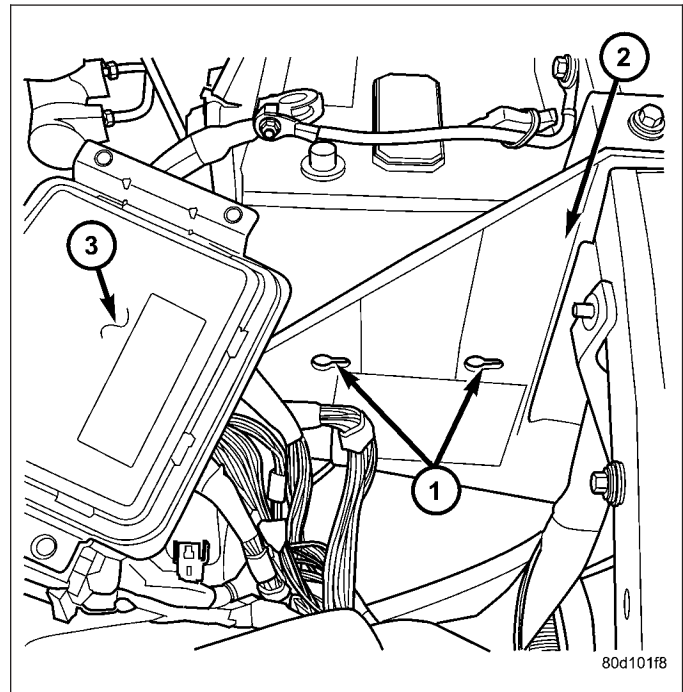
1. Position the Integrated Power Module (IPM) into the vehicle.

NOTE: Integrated power module electrical connectors are color coded to ease location reference.

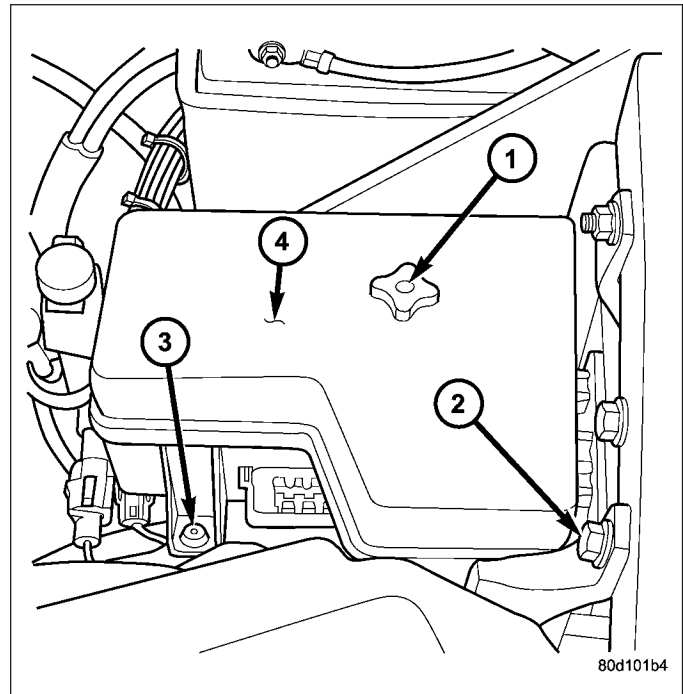
2. Connect the electrical connectors by pushing straight on and rotating the connector arm inboard, until the connector is firmly locked in place on the IPM assembly.



3. Grasp the IPM (3) with two hands and install the assembly onto the battery tray (2) making sure to line up the tabs with the retaining slots in the tray (1).



4. Install the IPM retaining bolt (2) and screw (3).
5. Connect the gray connector on the IPM housing.
6. Install the B+ terminal cable and nut on the B+ terminal.
7. Install the IPM cover (4) and tighten the retaining screw (1).
8. Connect the battery negative cable.

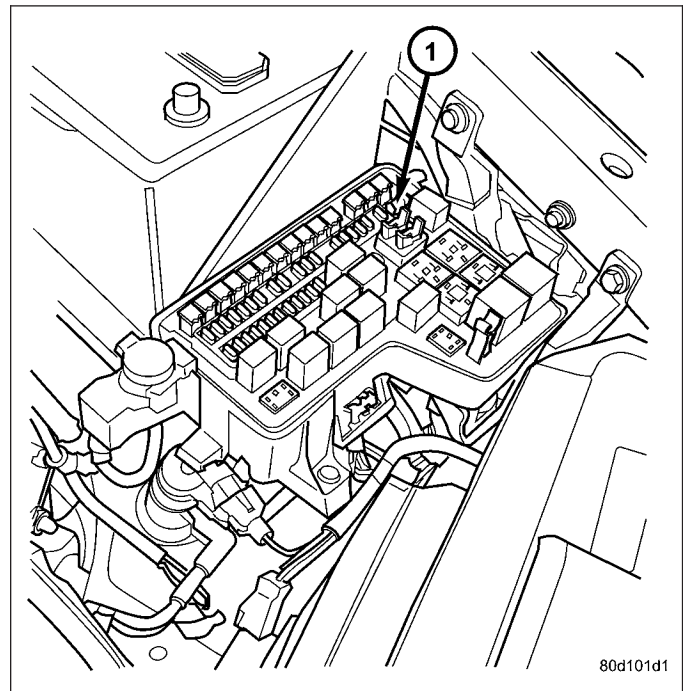


IOD FUSE

DESCRIPTION

All vehicles are equipped with an Ignition-Off Draw (IOD) fuse (1) that is disconnected within the Integrated Power Module (IPM) when the vehicle is shipped from the factory. Dealer personnel are to reconnect the IOD fuse in the IPM as part of the new vehicle preparation procedures and then disconnect it again until new vehicle delivery to the customer.

A laser printed fuse layout map is integral to the IPM cover to ensure proper fuse identification. The IOD fuse (1) is a 20 ampere mini blade-type fuse, located in fuse cavity # 51. The fuse is secured within a black molded plastic fuse holder and puller unit that serves both as a tool for disconnecting and reconnecting the fuse in the IPM cavity, and as a fuse holder that conveniently stores the fuse in the same cavity after it has been disconnected.



CIRCUITS INCLUDED WITH IOD FUSE

- Cluster (CCN)
- Diagnostic Connector
- Map Lamps
- Glove Box Lamp
- Courtesy Lamps
- Radio

- Underhood Lamp

OPERATION

The term Ignition-Off Draw (IOD) identifies a normal condition where power is being drained from the battery with the ignition switch in the Off position. The IOD fuse feeds the memory and sleep mode functions for some of the electronic modules in the vehicle as well as various other accessories that require battery current when the ignition switch is in the Off position. The only reason the IOD fuse is disconnected is to reduce the normal IOD of the vehicle electrical system during new vehicle transportation and pre-delivery storage to reduce battery depletion, while still allowing vehicle operation so that the vehicle can be loaded, unloaded and moved as needed by both vehicle transportation company and dealer personnel.

The IOD fuse is disconnected from Integrated Power Module (IPM) fuse cavity # 51 when the vehicle is shipped from the assembly plant. Dealer personnel must reconnect the IOD fuse when the vehicle is being prepared for delivery in order to restore full electrical system operation. Once the vehicle is prepared for delivery, the IOD function of this fuse becomes transparent and the fuse that has been assigned the IOD designation becomes only another Fused B(+) circuit fuse.

The IOD fuse can be used by the vehicle owner as a convenient means of reducing battery depletion when a vehicle is to be stored for periods not to exceed about thirty days. However, it must be remembered that disconnecting the IOD fuse will not eliminate IOD, but only reduce this normal condition. If a vehicle will be stored for more than about thirty days, the battery negative cable should be disconnected to eliminate normal IOD; and, the battery should be tested and recharged at regular intervals during the vehicle storage period to prevent the battery from becoming discharged or damaged.

POWER OUTLET-INSTRUMENT PANEL

DESCRIPTION

A cigar lighter outlet is installed to the left of the center stack area in the lower instrument panel. The cigar lighter outlet is secured by a snap fit within the bezel.

The cigar lighter outlet, plastic cap and the knob and heating element unit are available for service replacement. These components cannot be repaired and, if inoperative or damaged, they must be replaced.

OPERATION

The cigar lighter consists of two major components: a knob and heating element unit, and the cigar lighter base or outlet shell. The receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The cigar lighter receives battery voltage from a fuse in the Integrated Power Module (IPM) when the ignition switch is in the Accessory or Run positions.

The cigar lighter knob and heating element are encased within a spring-loaded housing, which also features a sliding protective heat shield. When the knob and heating element are inserted in the outlet shell, the heating element resistor coil is grounded through its housing to the outlet shell. If the cigar lighter knob is pushed inward, the heat shield slides up toward the knob exposing the heating element, and the heating element extends from the housing toward the insulated contact in the bottom of the outlet shell.

Two small spring-clip retainers are located on either side of the insulated contact inside the bottom of the outlet shell. These clips engage and hold the heating element against the insulated contact long enough for the resistor coil to heat up. When the heating element is engaged with the contact, battery current can flow through the resistor coil to ground, causing the resistor coil to heat.

When the resistor coil becomes sufficiently heated, excess heat radiates from the heating element causing the spring-clips to expand. Once the spring-clips expand far enough to release the heating element, the spring-loaded housing forces the knob and heating element to pop back outward to their relaxed position. When the cigar lighter knob and element are pulled out of the outlet shell, the protective heat shield slides downward on the housing so that the heating element is recessed and shielded around its circumference for safety.

DIAGNOSIS AND TESTING

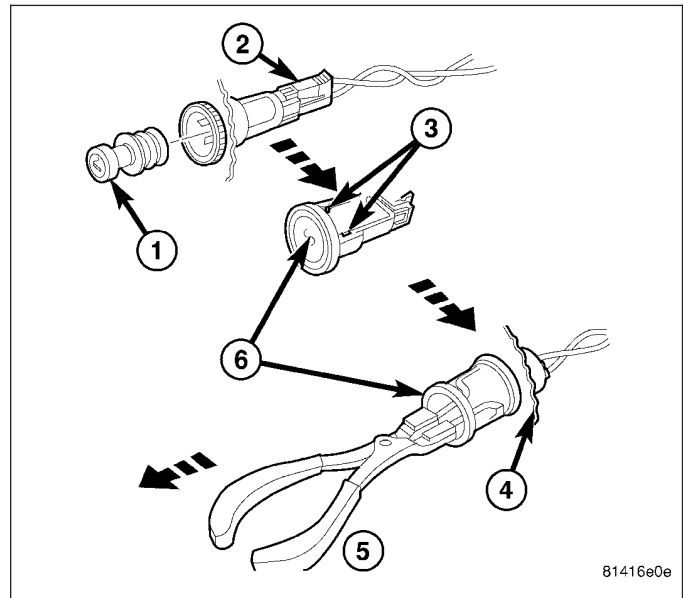
CIGAR LIGHTER OUTLET

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

1. Check the fused B(+) fuse in the Integrated Power Module (IPM). If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the inoperative fuse.
2. Turn the ignition switch to the Run position. Check for battery voltage at the fused B(+) fuse in the IPM. If OK, go to Step 3. If not OK, repair the open or short as required.
3. Remove the cigar lighter knob and element from the cigar lighter outlet shell. Check for continuity between the inside circumference of the cigar lighter outlet shell and a good ground. there should be continuity. If OK, go to Step 4. If not OK, go to Step 5.
4. Turn the ignition switch to the Run position. Check for battery voltage at the insulated contact located at the back of the cigar lighter outlet shell. If OK, replace the inoperative cigar lighter knob and element. If not OK, go to Step 5.
5. Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.
6. Connect the battery negative cable. Turn the ignition switch to the Accessory or Run positions. Check for battery voltage at the fused B(+) circuit cavity of the cigar lighter wire harness connector. If OK, replace the inoperative cigar lighter outlet. If not OK, repair the open fused B(+) circuit to the IPM fuse as required.

REMOVAL

1. Disconnect and isolate the battery negative cable.
2. Pull the cigar lighter knob and element (1) out of the cigar lighter receptacle base (6), or unsnap the protective cap from the power outlet receptacle base (6).
3. Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses (3) of the mount that secures the receptacle base to the panel (4).
4. Insert a pair of external snap ring pliers (5) into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.
5. Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.
6. Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector (2).
7. Disconnect the instrument panel wire harness connector (2) from the cigar lighter or power outlet receptacle base (6).
8. Remove the cigar lighter or power outlet mount from the instrument panel.



INSTALLATION

1. Connect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.
2. Install the cigar lighter or power outlet mount into the instrument panel.

3. Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.
4. Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.
5. Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.
6. Connect the battery negative cable.

POWER OUTLET-CONSOLE

DESCRIPTION

Two power outlets are utilized on this model. One in the instrument panel center lower bezel and the other in the center console. The power outlet bases are secured by a snap fit within the instrument panel or trim panel. A plastic protective cap snaps into the power outlet base when the power outlet is not being used, and hangs from the power outlet base mount by an integral bail strap while the power outlet is in use.

The power outlet receptacle unit and the accessory power outlet protective cap are available for service. The power outlet receptacle cannot be repaired and, if faulty or damaged, it must be replaced.

OPERATION

The power outlet base or receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The power outlet receives battery voltage from a fuse in the integrated power module at all times.

While the power outlet is very similar to a cigar lighter base unit, it does not include the two small spring-clip retainers inside the bottom of the receptacle shell that are used to secure the cigar lighter heating element to the insulated contact.

DIAGNOSIS AND TESTING

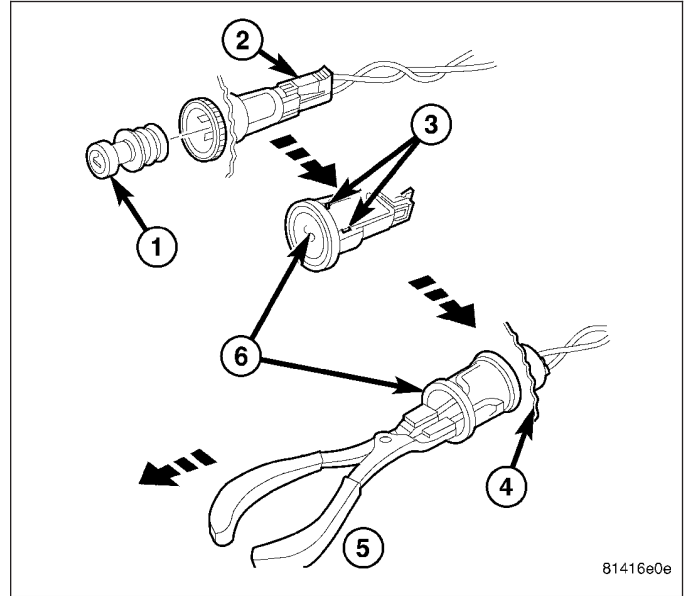
POWER OUTLET

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

1. Check the fused B(+) fuse in the Integrated Power Module (IPM). If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the inoperative fuse.
2. Turn the ignition switch to the Run position. Check for battery voltage at the fused B(+) fuse in the IPM. If OK, go to Step 3. If not OK, repair the open or short as required.
3. Remove the cigar lighter knob and element from the cigar lighter outlet shell. Check for continuity between the inside circumference of the cigar lighter outlet shell and a good ground. there should be continuity. If OK, go to Step 4. If not OK, go to Step 5.
4. Turn the ignition switch to the Run position. Check for battery voltage at the insulated contact located at the back of the cigar lighter outlet shell. If OK, replace the inoperative cigar lighter knob and element. If not OK, go to Step 5.
5. Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.
6. Connect the battery negative cable. Turn the ignition switch to the Accessory or Run positions. Check for battery voltage at the fused B(+) circuit cavity of the cigar lighter wire harness connector. If OK, replace the inoperative cigar lighter outlet. If not OK, repair the open fused B(+) circuit to the IPM fuse as required.

REMOVAL

1. Disconnect and isolate the battery negative cable.
2. Pull the cigar lighter knob and element (1) out of the cigar lighter receptacle base (6), or unsnap the protective cap from the power outlet receptacle base (6).
3. Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses (3) of the mount that secures the receptacle base to the panel (4).
4. Insert a pair of external snap ring pliers (5) into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.
5. Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.
6. Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector (2).
7. Disconnect the instrument panel wire harness connector (2) from the cigar lighter or power outlet receptacle base (6).
8. Remove the cigar lighter or power outlet mount from the instrument panel.



INSTALLATION

1. Connect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.
2. Install the cigar lighter or power outlet mount into the instrument panel.
3. Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.
4. Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.
5. Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.
6. Connect the battery negative cable.