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

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

page

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.

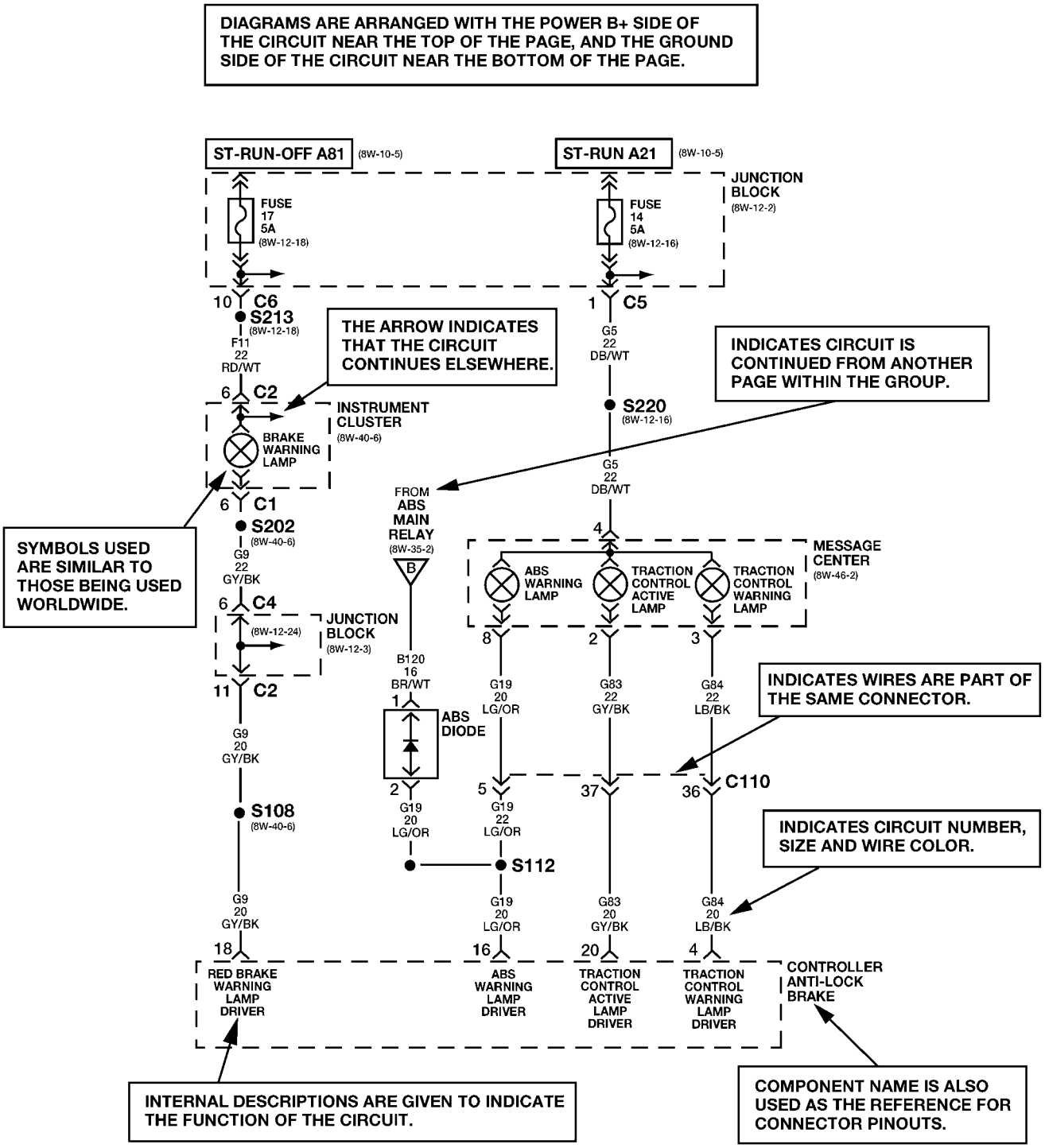
All switches, components, and modules are shown in the at rest position with the doors closed and the key removed from the ignition.

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.

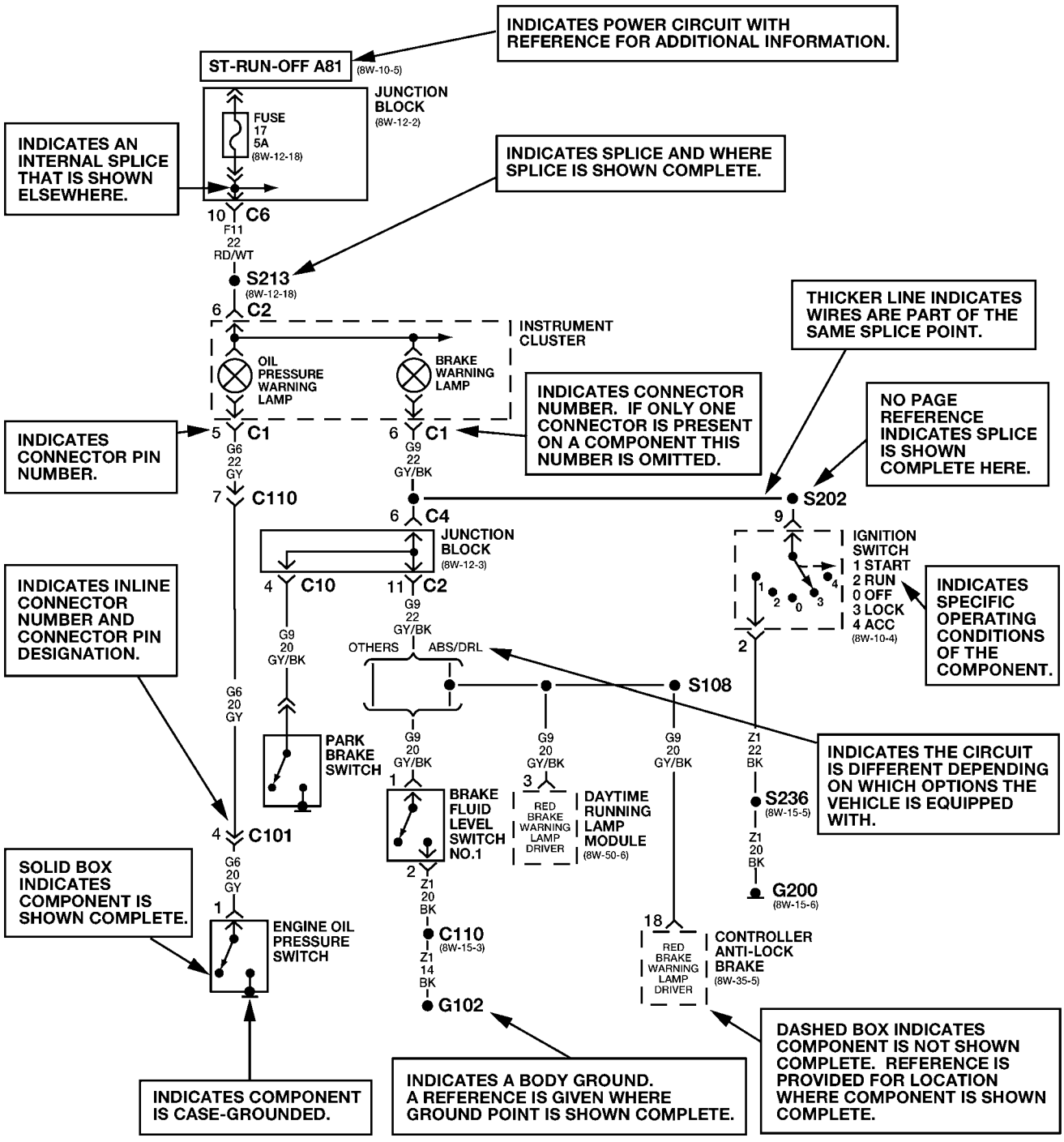
SYMBOLS

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



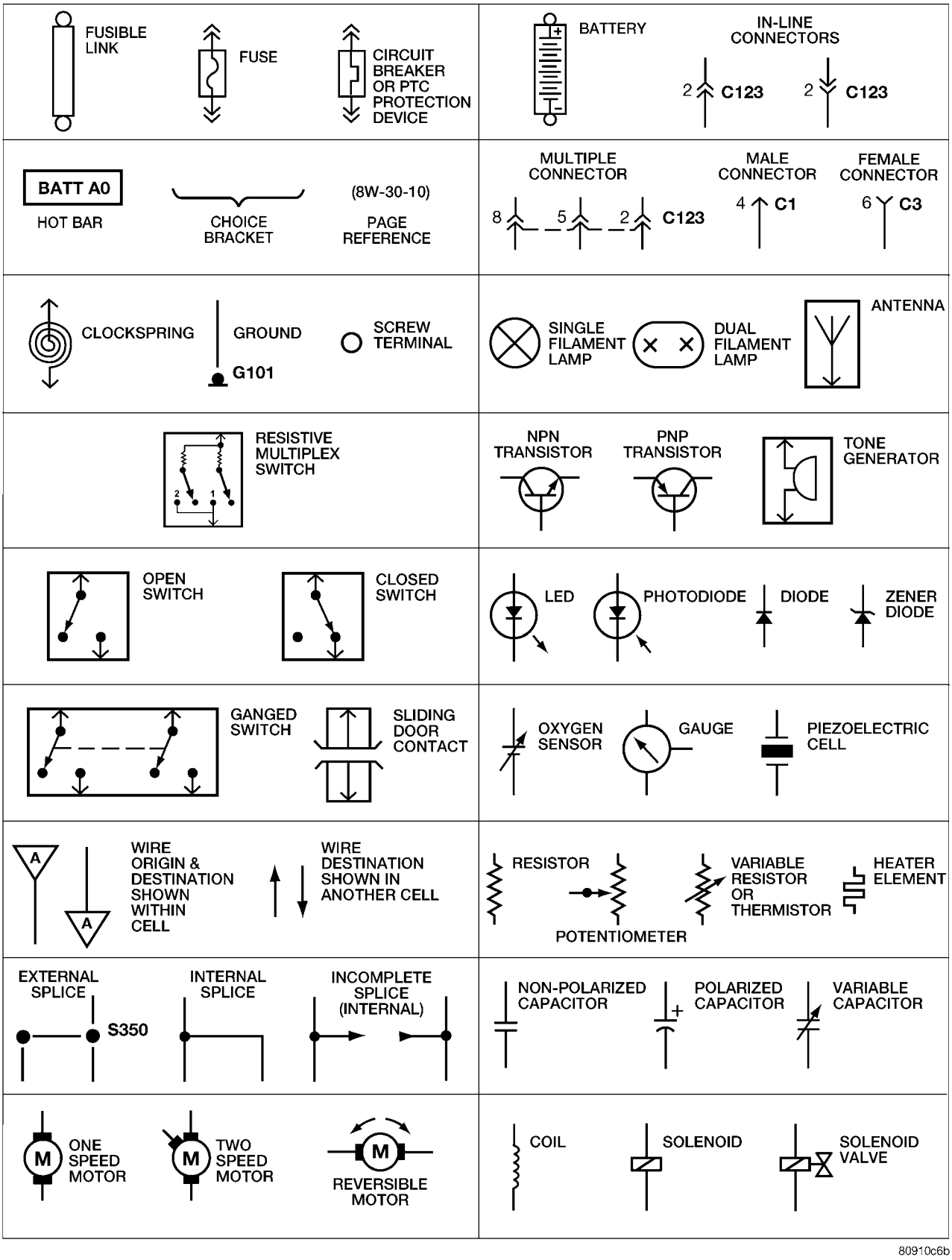
The System shown here is an EXAMPLE ONLY. It does not represent the actual circuit shown in the WIRING DIAGRAM SECTION.

80c06d01



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

80c06d02


FUSIBLE LINK
FUSE
CIRCUIT BREAKER OR PTC PROTECTION DEVICE
BATTERY
IN-LINE CONNECTORS
2 C123
2 C123
BATT A0
HOT BAR
CHOICE BRACKET
(8W-30-10)
PAGE REFERENCE
MULTIPLE CONNECTOR
8 5 2 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
A
A
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
M
ONE SPEED MOTOR
M
TWO SPEED MOTOR
M
REVERSIBLE MOTOR
COIL
SOLENOID
SOLENOID VALVE
80910c6b

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	GROUNDS

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.

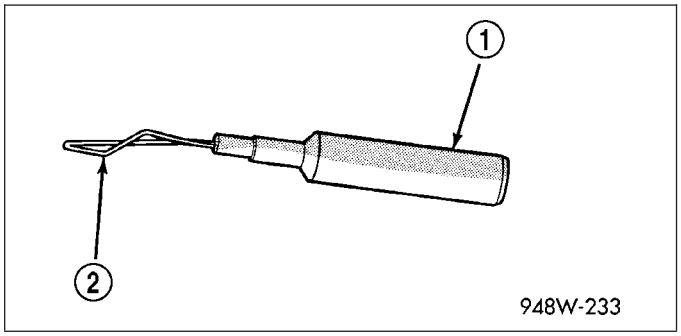
- Voltmeter - Used to check for voltage on a circuit. Always connect the black lead to a known good ground and the red lead to the positive side of the circuit.

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

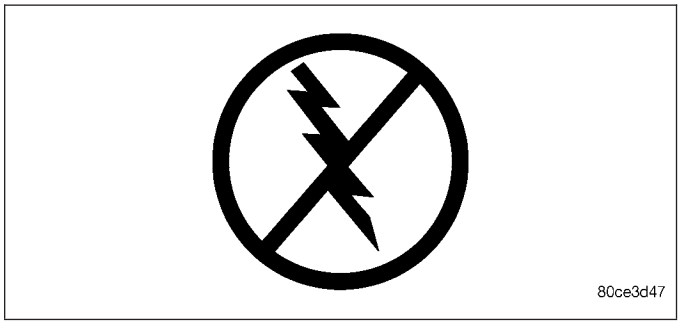
When troubleshooting wiring problems there are six steps which can aid in the procedure. The steps are listed and explained below. Always check for non-factory items added to the vehicle before doing any diagnosis. If the vehicle is equipped with these items, disconnect them to verify these add-on items 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

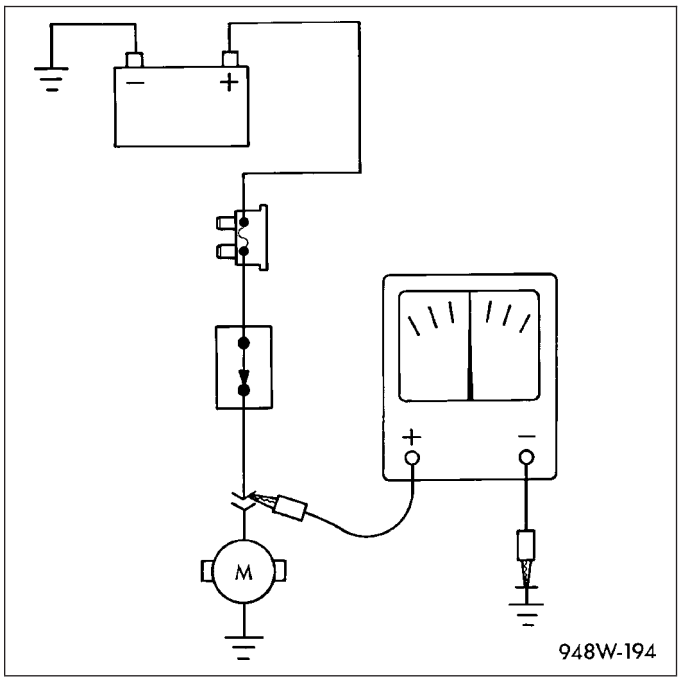
All ESD sensitive components are solid state and a symbol is used to indicate this. When handling any component with this symbol, comply with the following procedures to reduce the possibility of electrostatic charge build up on the body and inadvertent discharge into the component. If it is not known 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 form it’s protective packing until it is time to install the part.
5. Before removing the part from it’s pakage, ground the pakage to a known good ground on the vehicle.

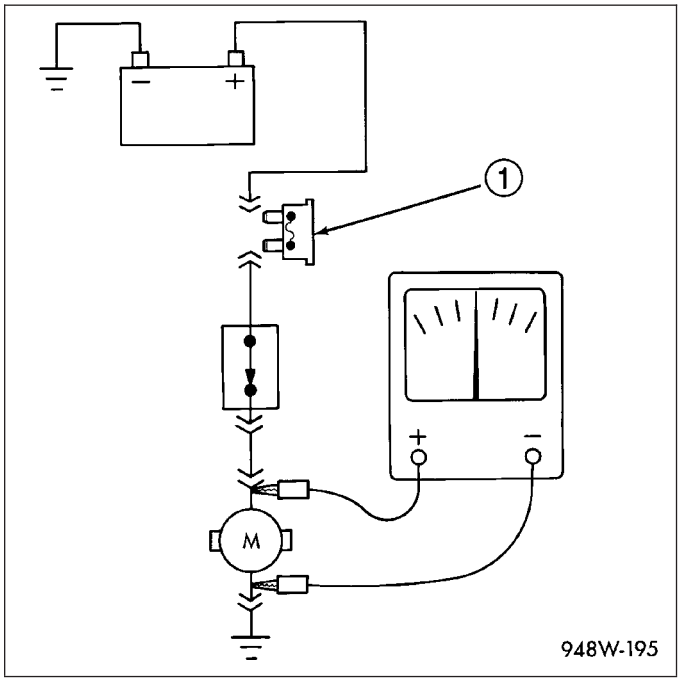
STANDARD PROCEDURE - TESTING OF VOLTAGE POTENTIAL

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

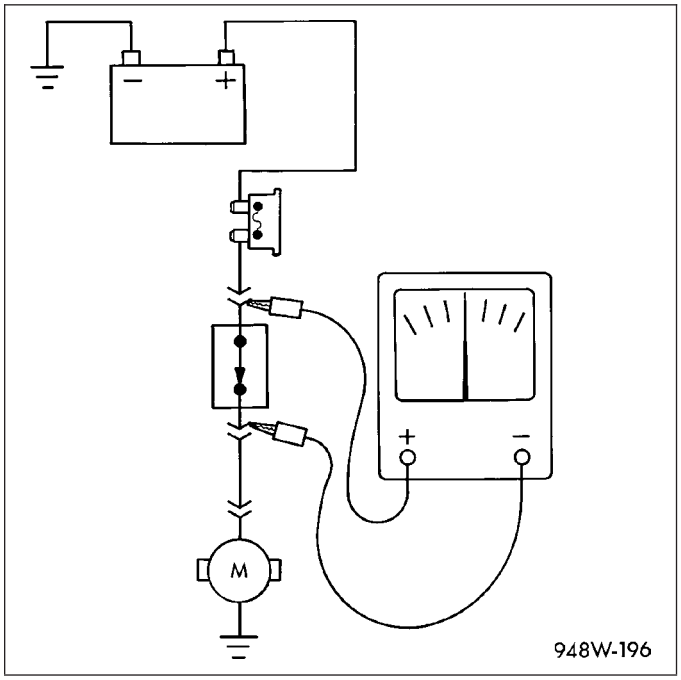
1. Remove the fuse and disconnect all items involved with the fuse.
2. Connect a test light or a voltmeter across the terminals of the fuse.
3. Starting at the fuse block, wiggle the wiring harness about six to eight inches apart and watch the voltmeter/test lamp.
4. If the voltmeter registers voltage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

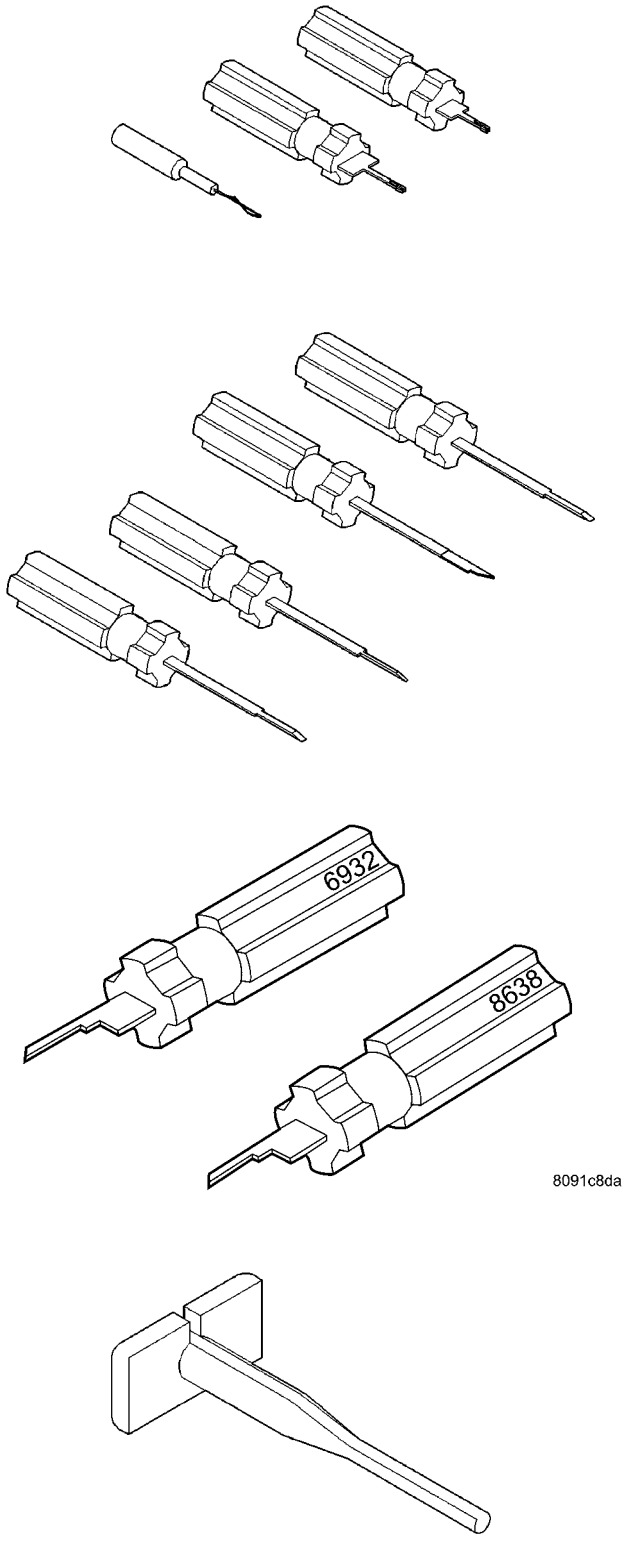
STANDARD PROCEDURE - TESTING FOR A VOLTAGE DROP

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

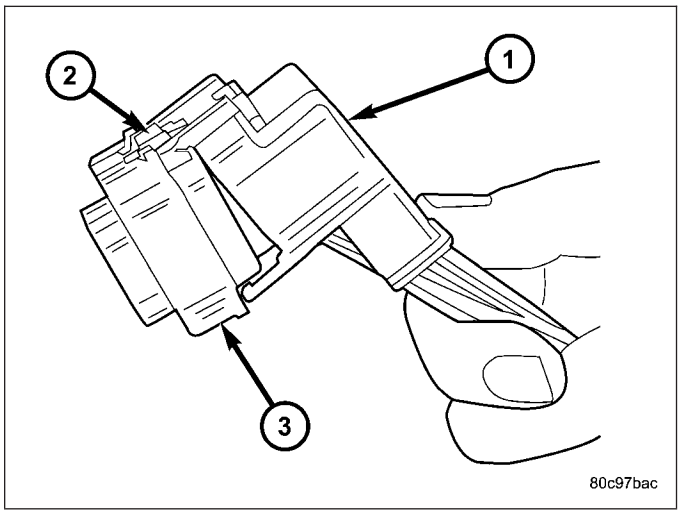
WIRING/TERMINAL

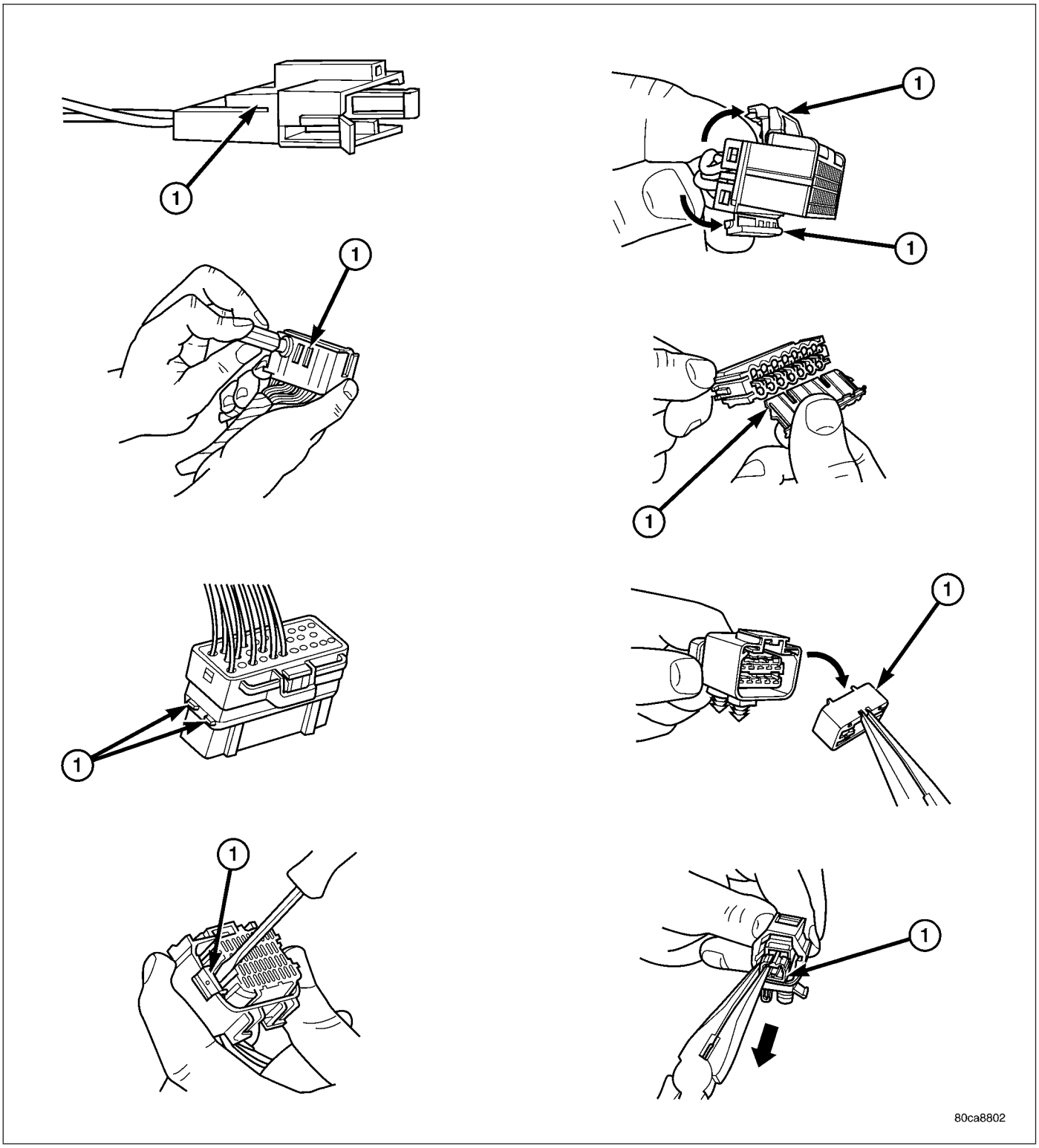


CONNECTOR

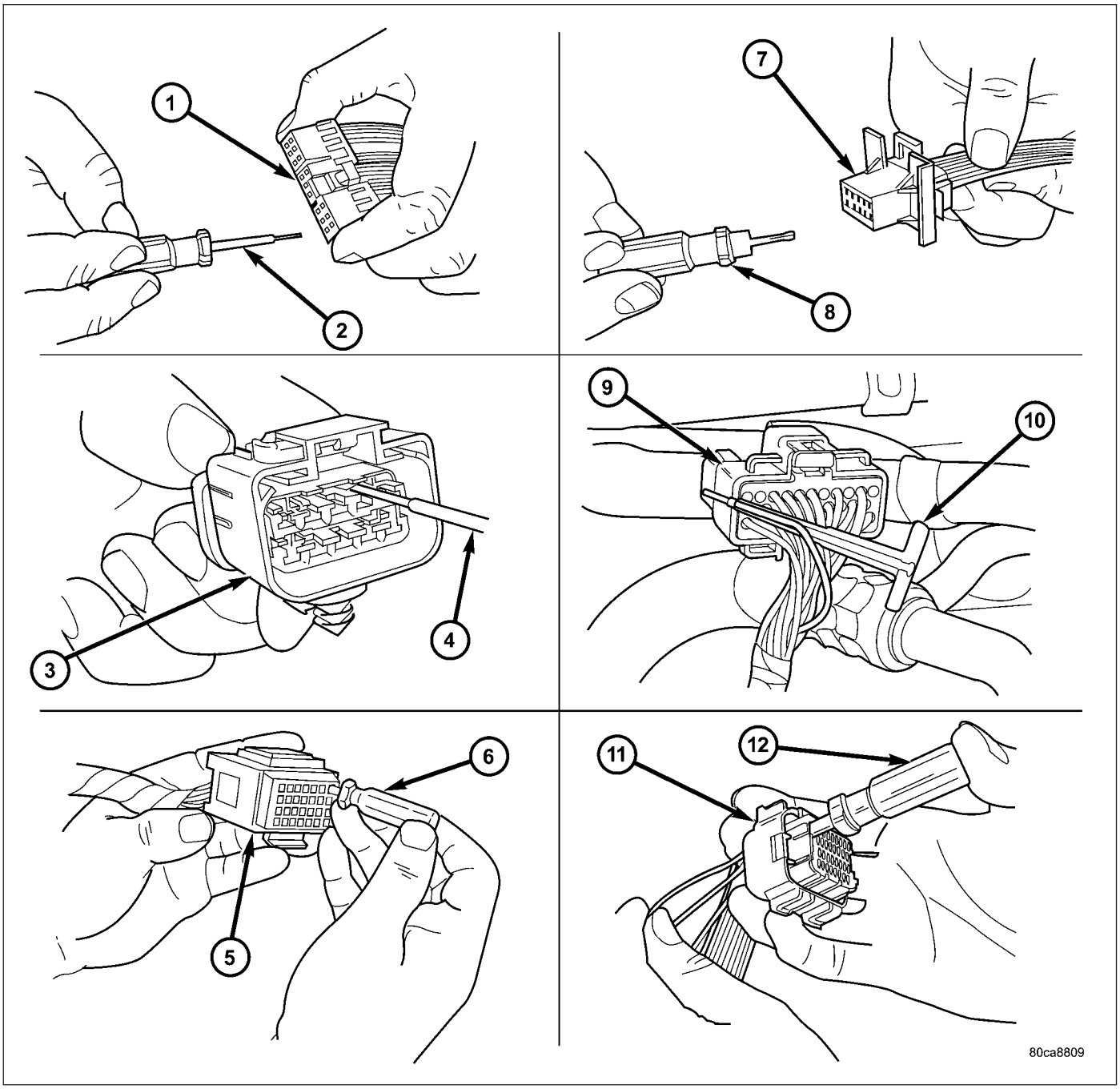
REMOVAL

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).





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



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

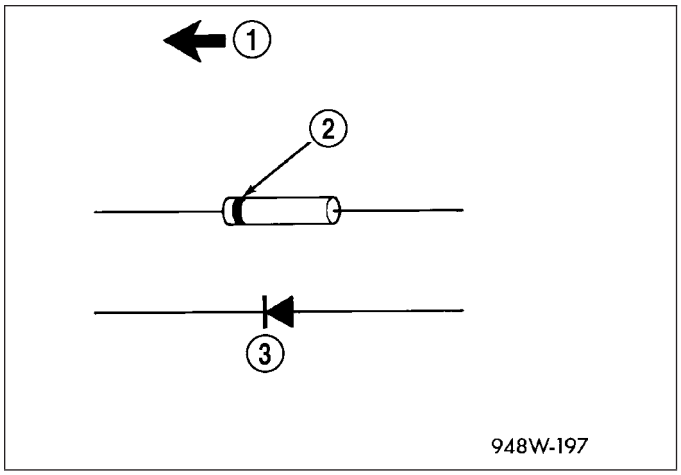
1. Insert the removed terminal in the same cavity on the repair connector.

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

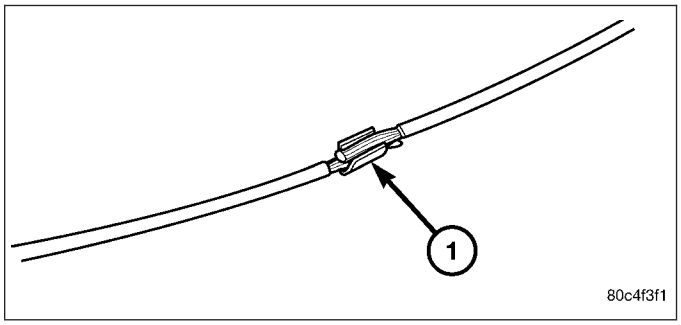
1. Select a wire from the terminal repair kit that best matches the color and gage of the wire being repaired.
2. Cut the repair wire to the proper length and remove one–half (1/2) inch of insulation.
3. Splice the repair wire to the wire harness (see wire splicing procedure) .
4. Insert the repaired 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

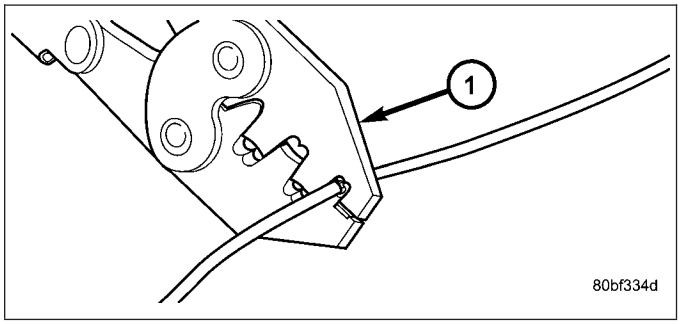
STANDARD PROCEDURE - WIRE SPLICING

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

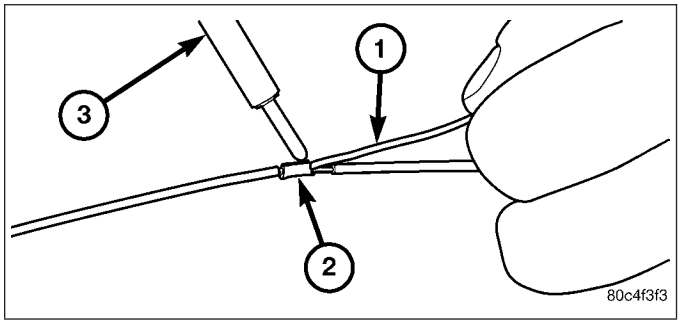
1. Remove one-half (1/2) inch of insulation from each wire that needs to be spliced.
2. Place a piece of adhesive lined heat shrink tubing on one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.
3. Place the strands of wire overlapping each other inside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



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

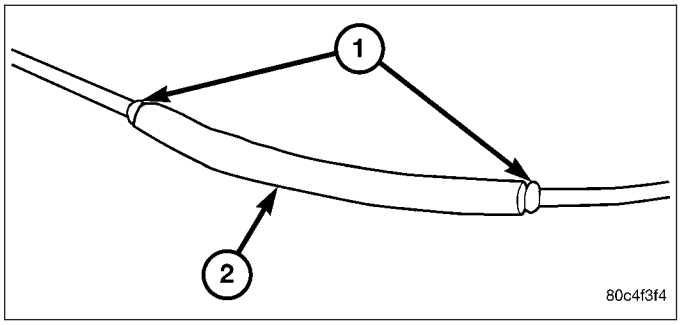


5. Solder (3) the connection (2) together using rosin core type solder (1) only.



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

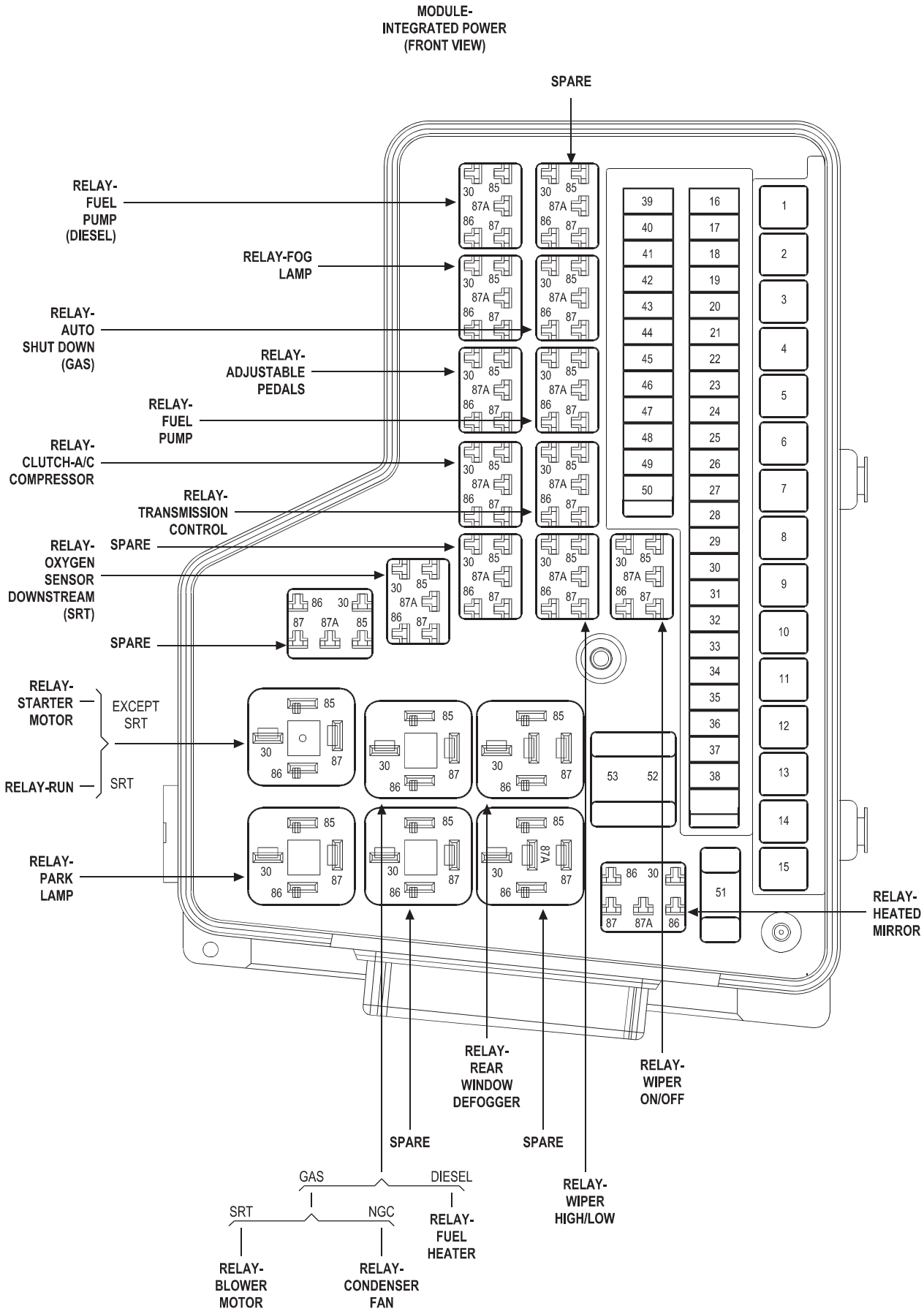
8W-13 INTEGRATED POWER MODULE

Component	Page
Amplifier-Radio	8W-13-23, 39
Amplifier-Subwoofer	8W-13-23, 40
Assembly-Natural Vacuum Leak Detection	8W-13-28
Assembly-Transmission Solenoid	8W-13-28, 29
Assembly-Transmission Solenoid/TRS	8W-13-27, 41, 48
Assembly-Winch	8W-13-13
Backlite-Heated	8W-13-40
Battery	8W-13-13
Battery-Auxiliary	8W-13-13
Capacitor-Ignition	8W-13-15
Circuit Breaker-Power Window	8W-13-24
Cluster	8W-13-20, 22, 23, 33, 39
Clutch-A/C Compressor	8W-13-38
Coil-Ignition-Left	8W-13-19
Coil-Ignition-No. 1	8W-13-16, 17
Coil-Ignition-No. 2	8W-13-16, 18
Coil-Ignition-No. 3	8W-13-16, 17
Coil-Ignition-No. 4	8W-13-16, 18
Coil-Ignition-No. 5	8W-13-15, 17
Coil-Ignition-No. 6	8W-13-15, 18
Coil-Ignition-No. 7	8W-13-15, 17
Coil-Ignition-No. 8	8W-13-15, 18
Coil-Ignition-Right	8W-13-19
Control-A/C-Heater	8W-13-26, 40
Data Link Connector	8W-13-33, 45
Drive-Fan-Radiator	8W-13-26
Fuse 1	8W-13-14
Fuse 2	8W-13-14
Fuse 3	8W-13-20
Fuse 4	8W-13-20, 25
Fuse 5	8W-13-27, 28, 29
Fuse 6	8W-13-31
Fuse 7	8W-13-31
Fuse 8	8W-13-32
Fuse 9	8W-13-24
Fuse 10	8W-13-20
Fuse 11	8W-13-33
Fuse 12	8W-13-29, 34
Fuse 13	8W-13-33
Fuse 14	8W-13-25, 35
Fuse 15	8W-13-36
Fuse 16	8W-13-38
Fuse 17	8W-13-38
Fuse 18	8W-13-33
Fuse 19	8W-13-39
Fuse 20	8W-13-20
Fuse 21	8W-13-39
Fuse 22	8W-13-39
Fuse 23	8W-13-39
Fuse 24	8W-13-33
Fuse 25	8W-13-39
Fuse 26	8W-13-40

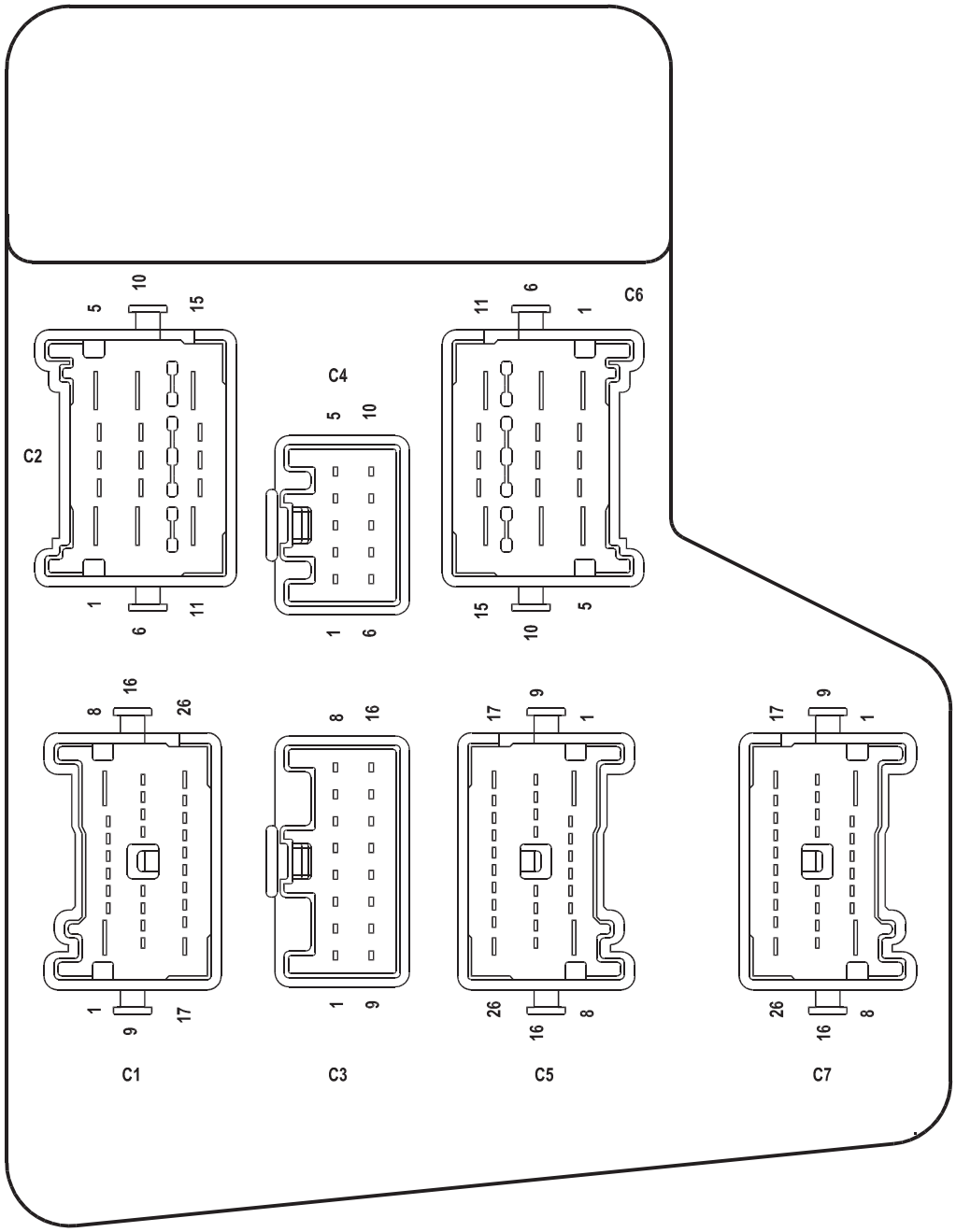
Component	Page
Fuse 27	8W-13-26
Fuse 28	8W-13-21
Fuse 29	8W-13-23
Fuse 30	8W-13-34
Fuse 32	8W-13-36
Fuse 33	8W-13-36
Fuse 34	8W-13-36
Fuse 35	8W-13-41
Fuse 36	8W-13-26
Fuse 38	8W-13-41
Fuse 39	8W-13-38
Fuse 40	8W-13-42
Fuse 41	8W-13-43
Fuse 42	8W-13-42
Fuse 43	8W-13-40
Fuse 45	8W-13-43
Fuse 46	8W-13-44
Fuse 47	8W-13-44
Fuse 48	8W-13-42
Fuse 49	8W-13-14
Fuse 50	8W-13-29, 30
Fuse 51	8W-13-33
Fuse 52	8W-13-41
Fuse 53	8W-13-40
Fuse Holder	8W-13-23, 24
Fuses	8W-13-5, 6
Fusible Link	8W-13-13
G100	8W-13-13
G101	8W-13-13
G102	8W-13-13
G103	8W-13-27, 46, 47
G104	8W-13-24, 25, 27, 29, 32, 38, 46, 47
G106	8W-13-32
G107	8W-13-34
G108	8W-13-13
G109	8W-13-13
G201	8W-13-20
Gauge-Engine Oil Temperature	8W-13-22
Generator	8W-13-13, 28
Heater-Fuel	8W-13-29
Horn-No. 1	8W-13-43
Horn-No. 2	8W-13-43
Injector-Fuel-No. 1	8W-13-16, 17, 19
Injector-Fuel-No. 2	8W-13-16, 18, 19
Injector-Fuel-No. 3	8W-13-16, 17, 19
Injector-Fuel-No. 4	8W-13-16, 18, 19
Injector-Fuel-No. 5	8W-13-16, 17, 19
Injector-Fuel-No. 6	8W-13-16, 18, 19
Injector-Fuel-No. 7	8W-13-15, 17, 19
Injector-Fuel-No. 8	8W-13-15, 18, 19
Injector-Fuel-No. 9	8W-13-19
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
(FRONT VIEW)
SPARE
RELAY-
FUEL
PUMP
(DIESEL)
RELAY-FOG
LAMP
RELAY-
AUTO
SHUT DOWN
(GAS)
RELAY-
ADJUSTABLE
PEDALS
RELAY-
FUEL
PUMP
RELAY-
CLUTCH-A/C
COMPRESSOR
RELAY-
TRANSMISSION
CONTROL
SPARE
RELAY-
OXYGEN
SENSOR
DOWNSTREAM
(SRT)
SPARE
RELAY-
STARTER
MOTOR
EXCEPT
SRT
RELAY-RUN
SRT
RELAY-
PARK
LAMP
RELAY-
HEATED
MIRROR
RELAY-
REAR
WINDOW
DEFOGGER
RELAY-
WIPER
ON/OFF
SPARE
SPARE
GAS
DIESEL
SRT
NGC
RELAY-
FUEL
HEATER
RELAY-
WIPER
HIGH/LOW
RELAY-
BLOWER
MOTOR
RELAY-
CONDENSER
FAN

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	oo	TRS T41 SENSE
86	T752 20DG/OR	o	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	-	-

o GAS
oo 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

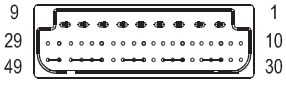
CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	WIPER CONTROL
85	INTERNAL	WIPER HIGH/LOW RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	W4 14BR/OR ◪◪◪	WIPER RELAY HIGH SPEED OUTPUT
87	W4 16BR/OR ◪◪◪◪	WIPER RELAY HIGH SPEED OUTPUT
87A	W3 14BR/WT ◪◪◪	WIPER RELAY LOW SPEED OUTPUT
87A	W3 16BR/WT ◪◪◪◪	WIPER RELAY LOW SPEED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

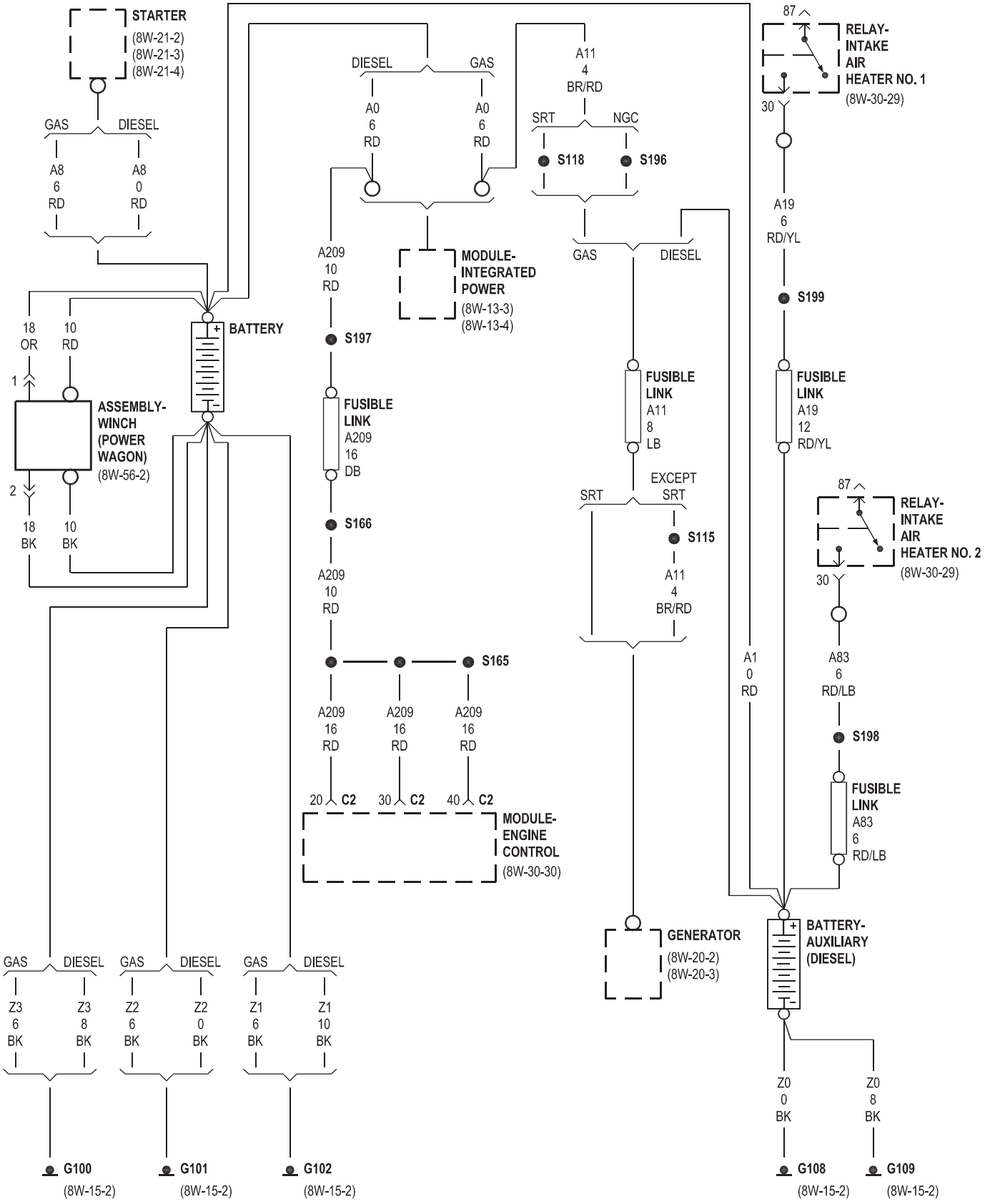
◪ NGC
◪◪◪ SRT
◪◪◪◪ EXCEPT SRT
○○ DIESEL

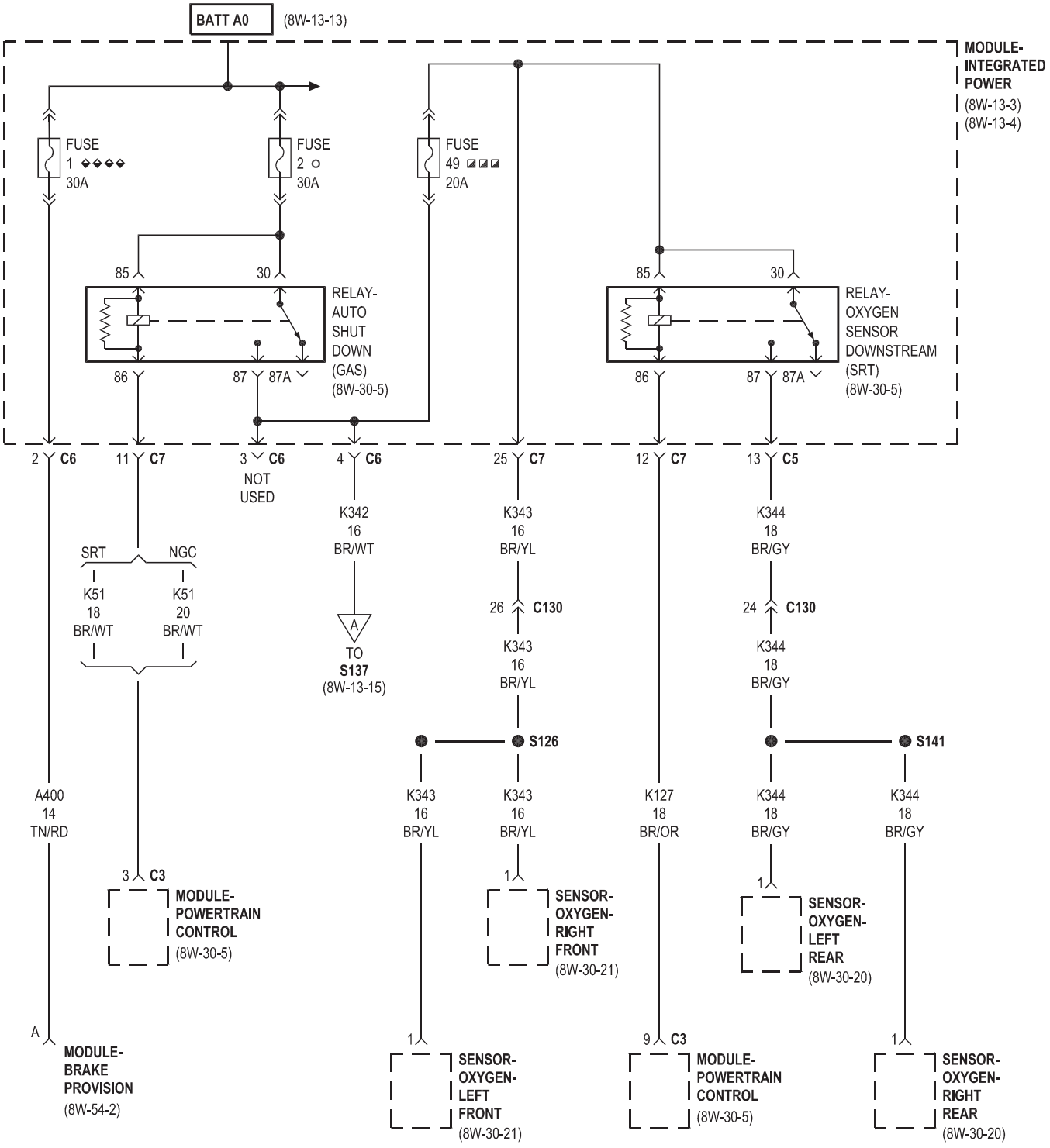
MODULE-FRONT CONTROL

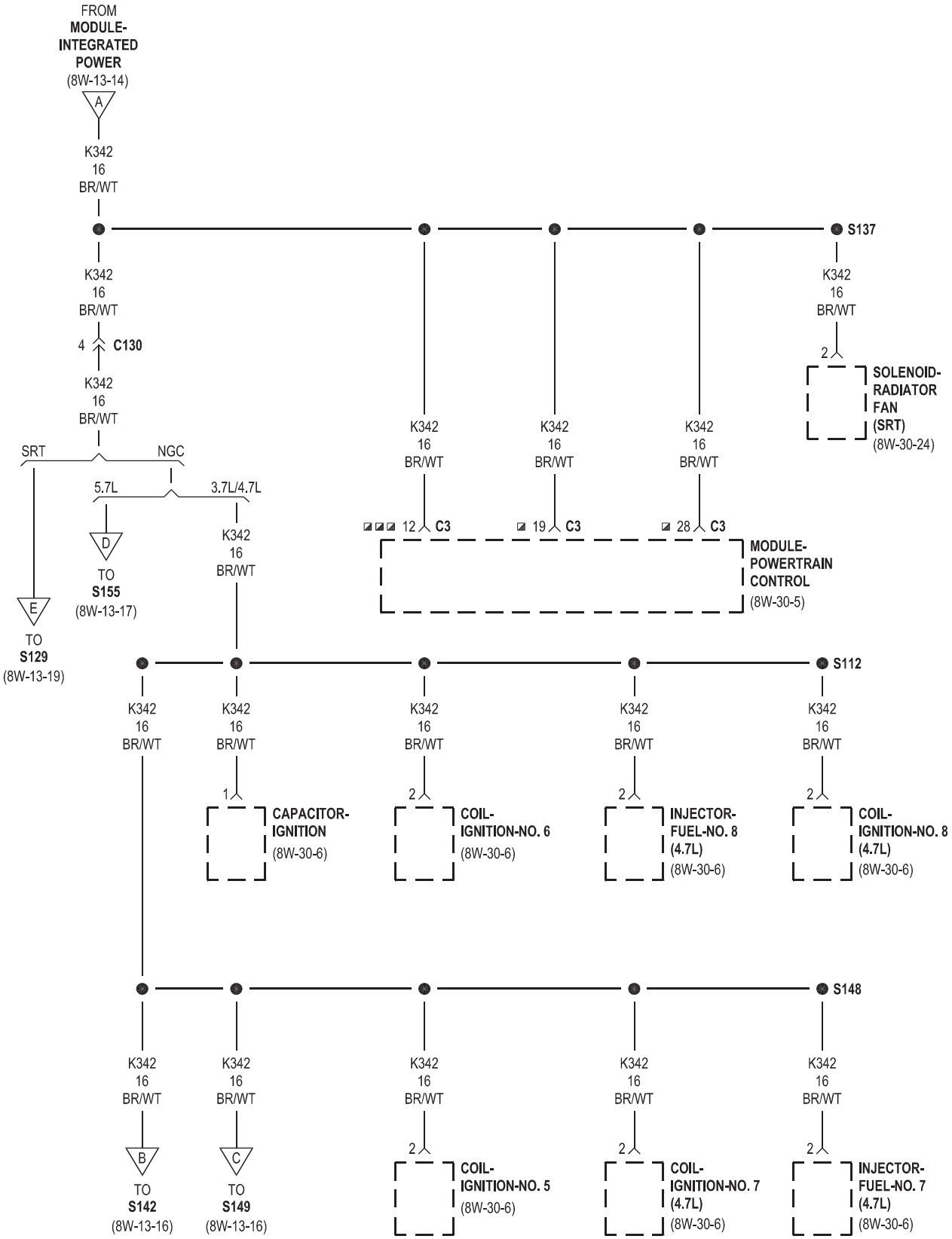


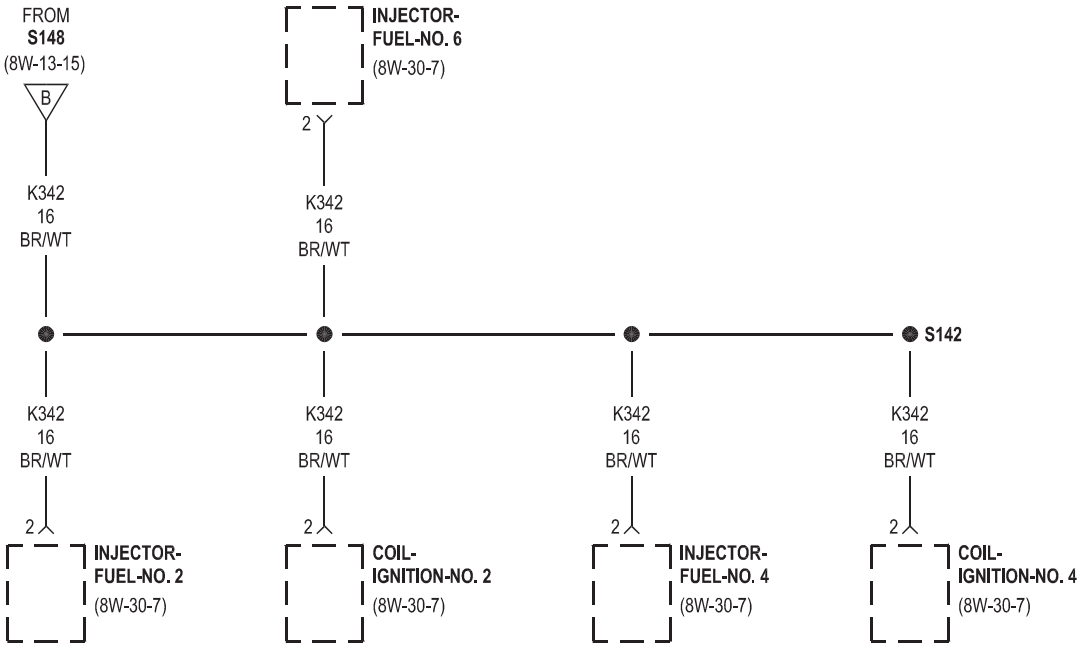
CAV	CIRCUIT	FUNCTION
1	L44 18WT/TN	RIGHT LOW BEAM DRIVER
2	L33 18WT/LG	LEFT HIGH BEAM DRIVER
3	INTERNAL	FUSED B(+)
4	INTERNAL	FUSED B(+)
5	W10 20BR	WASHER PUMP MOTOR CONTROL
6	INTERNAL	FUSED B(+)
7	INTERNAL	FUSED B(+)
8	L34 18WT/GY	RIGHT HIGH BEAM DRIVER
9	L43 18WT/DB	LEFT LOW BEAM DRIVER
10	INTERNAL	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

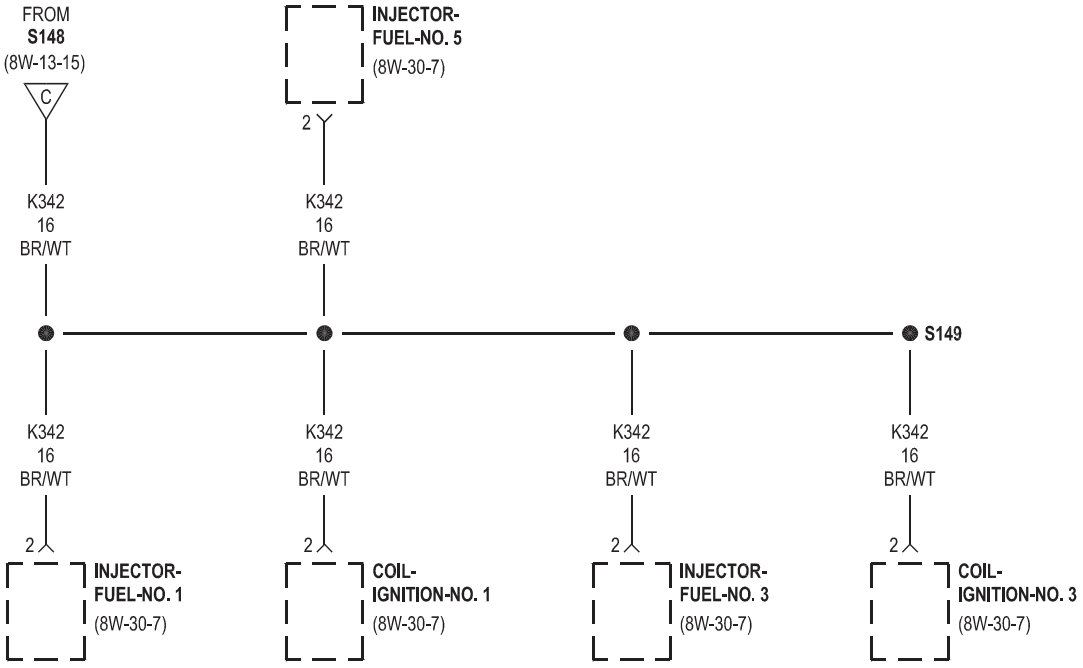
◪◪ EXCEPT NGC

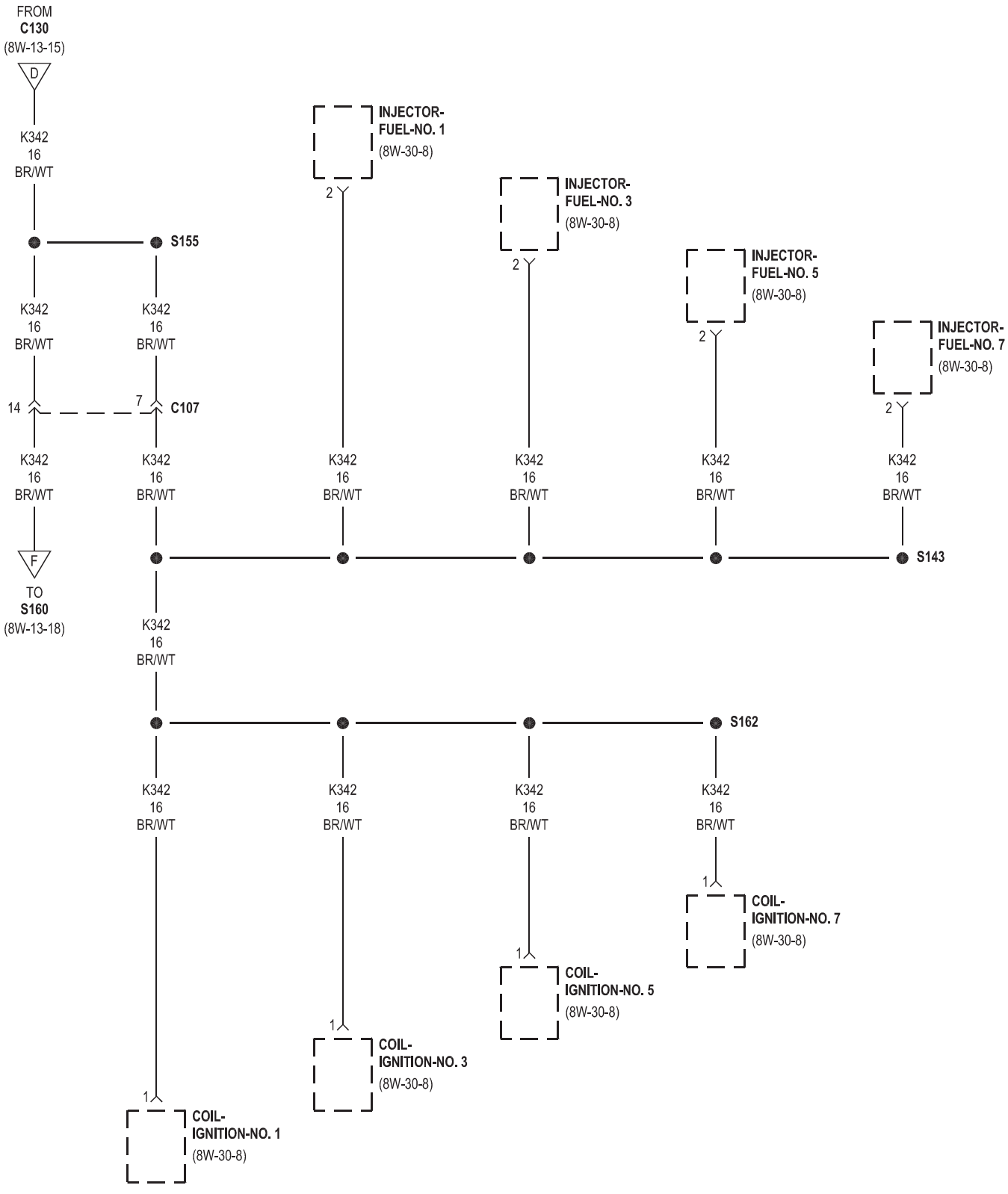

STARTER
(8W-21-2)
(8W-21-3)
(8W-21-4)
GAS
DIESEL
A8 6 RD
A8 0 RD
BATTERY
18 OR
10 RD
1
2
ASSEMBLY-WINCH (POWER WAGON)
(8W-56-2)
18 BK
10 BK
DIESEL
GAS
A0 6 RD
A0 6 RD
A209 10 RD
S197
FUSIBLE LINK A209 16 DB
S166
A209 10 RD
S165
A209 16 RD
A209 16 RD
A209 16 RD
20 C2
30 C2
40 C2
MODULE-ENGINE CONTROL
(8W-30-30)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
A11 4 BR/RD
SRT
NGC
S118
S196
GAS
DIESEL
FUSIBLE LINK A11 8 LB
EXCEPT SRT
SRT
S115
A11 4 BR/RD
GENERATOR
(8W-20-2)
(8W-20-3)
87
RELAY-INTAKE AIR HEATER NO. 1
(8W-30-29)
30
A19 6 RD/YL
S199
FUSIBLE LINK A19 12 RD/YL
A1 0 RD
87
RELAY-INTAKE AIR HEATER NO. 2
(8W-30-29)
30
A83 6 RD/LB
S198
FUSIBLE LINK A83 6 RD/LB
BATTERY-AUXILIARY (DIESEL)
Z0 0 BK
Z0 8 BK
G108
(8W-15-2)
G109
(8W-15-2)
GAS
DIESEL
Z3 6 BK
Z3 8 BK
Z2 6 BK
Z2 0 BK
Z1 6 BK
Z1 10 BK
G100
(8W-15-2)
G101
(8W-15-2)
G102
(8W-15-2)

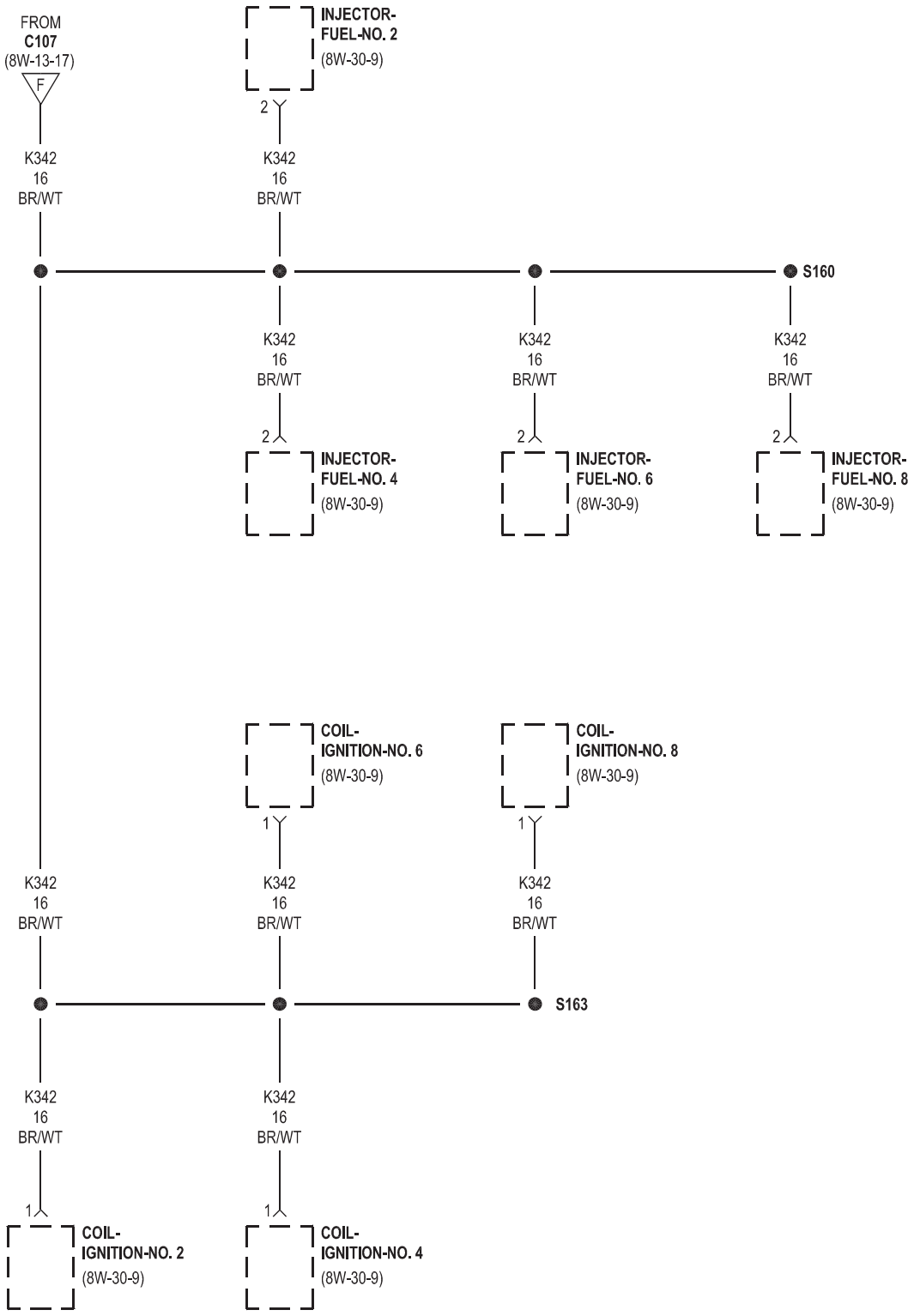

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
1
30A
FUSE
2
30A
FUSE
49
20A
85
30
86
87
87A
RELAY-
AUTO
SHUT
DOWN
(GAS)
(8W-30-5)
RELAY-
OXYGEN
SENSOR
DOWNSTREAM
(SRT)
(8W-30-5)
2 C6
11 C7
3 C6
NOT
USED
4 C6
25 C7
12 C7
13 C5
SRT
NGC
K51
18
BR/WT
K51
20
BR/WT
K342
16
BR/WT
A
TO
S137
(8W-13-15)
K343
16
BR/YL
K344
18
BR/GY
26 C130
24 C130
S126
S141
A400
14
TN/RD
K343
16
BR/YL
K127
18
BR/OR
K344
18
BR/GY
3 C3
MODULE-
POWERTRAIN
CONTROL
(8W-30-5)
1
SENSOR-
OXYGEN-
RIGHT
FRONT
(8W-30-21)
SENSOR-
OXYGEN-
LEFT
REAR
(8W-30-20)
A
MODULE-
BRAKE
PROVISION
(8W-54-2)
SENSOR-
OXYGEN-
LEFT
FRONT
(8W-30-21)
9 C3
MODULE-
POWERTRAIN
CONTROL
(8W-30-5)
SENSOR-
OXYGEN-
RIGHT
REAR
(8W-30-20)
GAS
SRT
TRAILER TOW

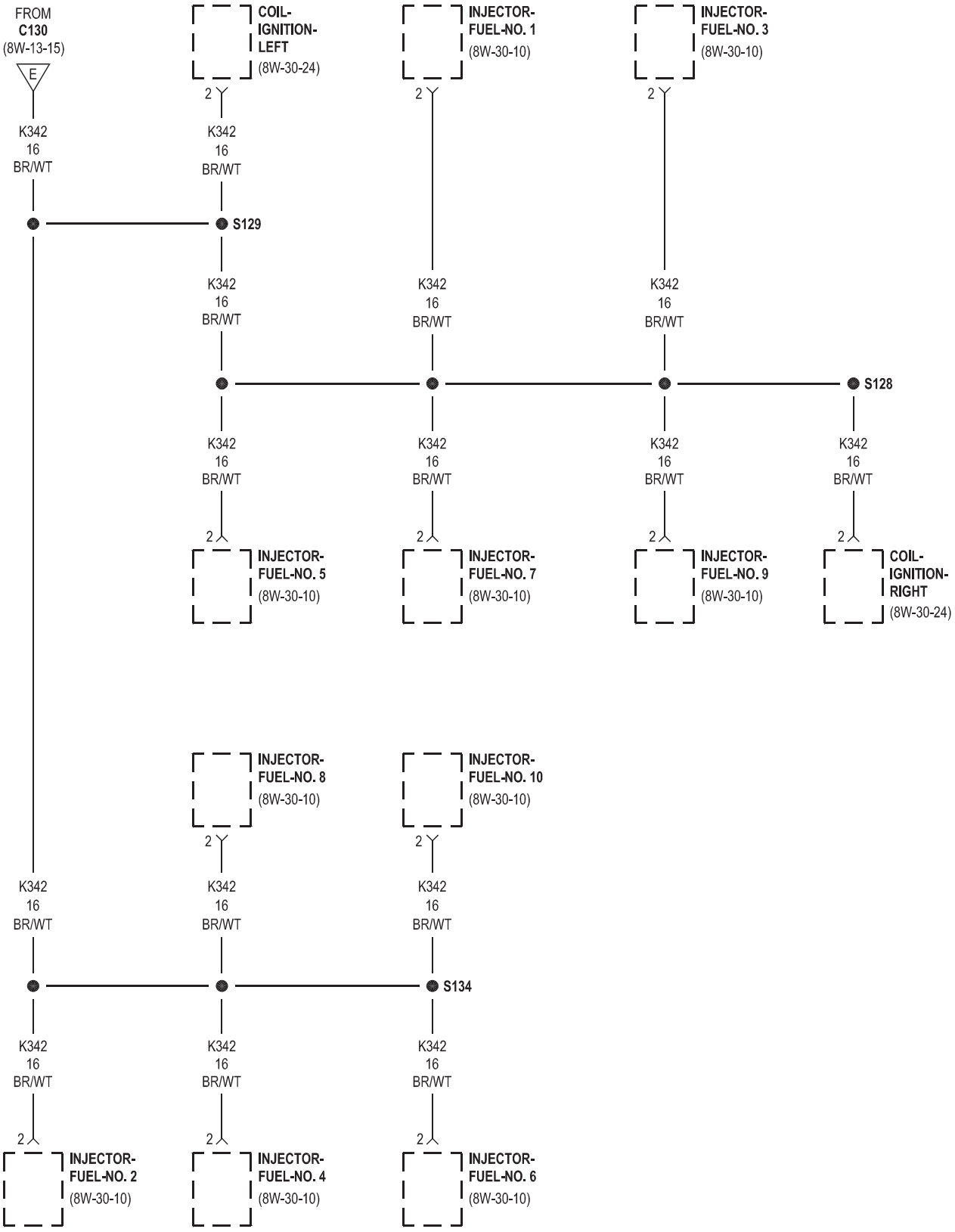

FROM MODULE- INTEGRATED POWER (8W-13-14)
A
K342 16 BR/WT
S137
K342 16 BR/WT
4 C130
2
SOLENOID- RADIATOR FAN (SRT) (8W-30-24)
SRT
NGC
5.7L
3.7L/4.7L
D
TO S155 (8W-13-17)
E
TO S129 (8W-13-19)
12 C3
19 C3
28 C3
MODULE- POWERTRAIN CONTROL (8W-30-5)
S112
1
CAPACITOR- IGNITION (8W-30-6)
COIL- IGNITION-NO. 6 (8W-30-6)
INJECTOR- FUEL-NO. 8 (4.7L) (8W-30-6)
COIL- IGNITION-NO. 8 (4.7L) (8W-30-6)
S148
B
C
TO S142 (8W-13-16)
TO S149 (8W-13-16)
COIL- IGNITION-NO. 5 (8W-30-6)
COIL- IGNITION-NO. 7 (4.7L) (8W-30-6)
INJECTOR- FUEL-NO. 7 (4.7L) (8W-30-6)
NGC
SRT

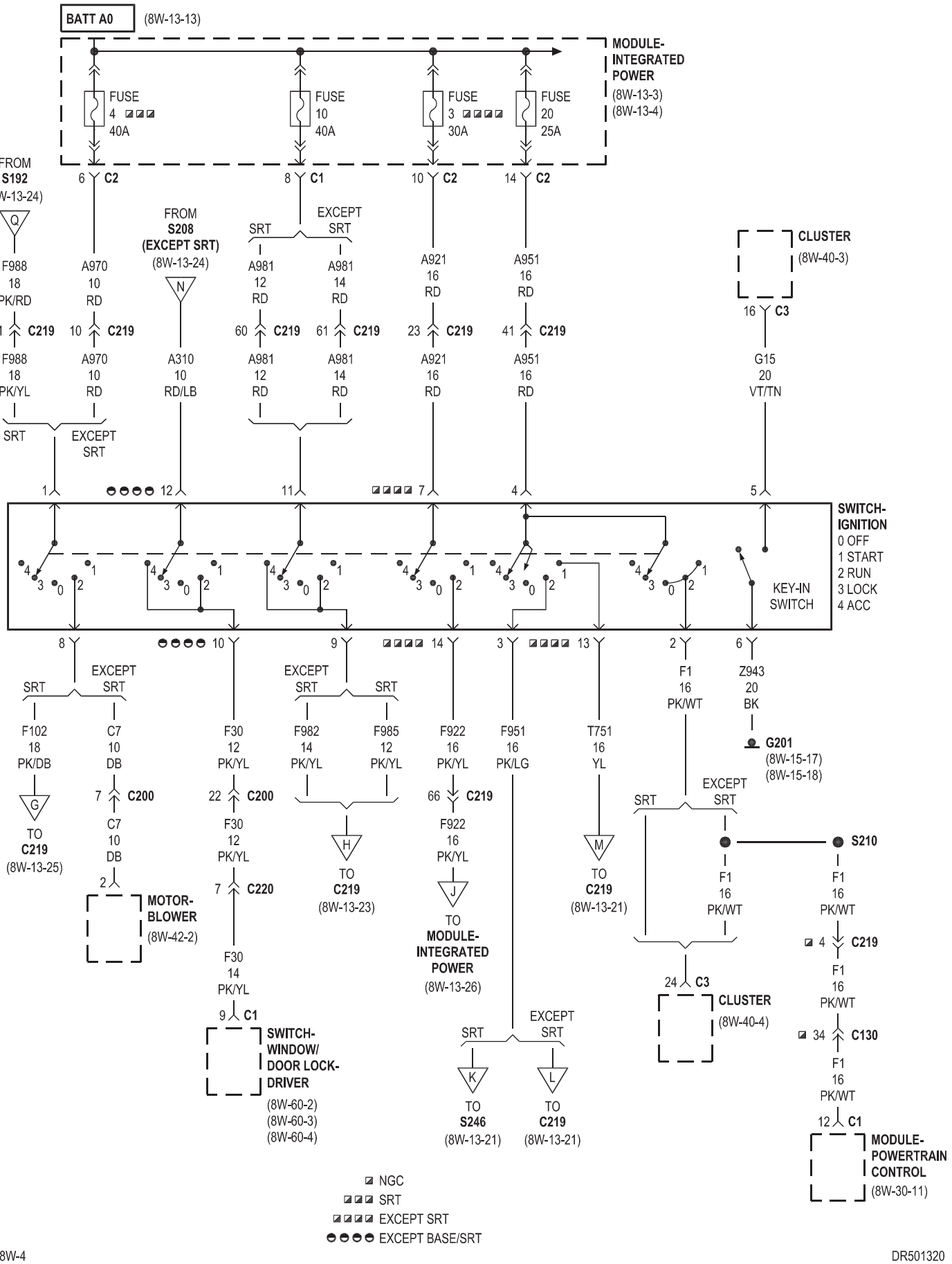

FROM
S148
(8W-13-15)
B
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 2
(8W-30-7)
2
INJECTOR-
FUEL-NO. 6
(8W-30-7)
K342
16
BR/WT
K342
16
BR/WT
2
COIL-
IGNITION-NO. 2
(8W-30-7)
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 4
(8W-30-7)
S142
K342
16
BR/WT
2
COIL-
IGNITION-NO. 4
(8W-30-7)

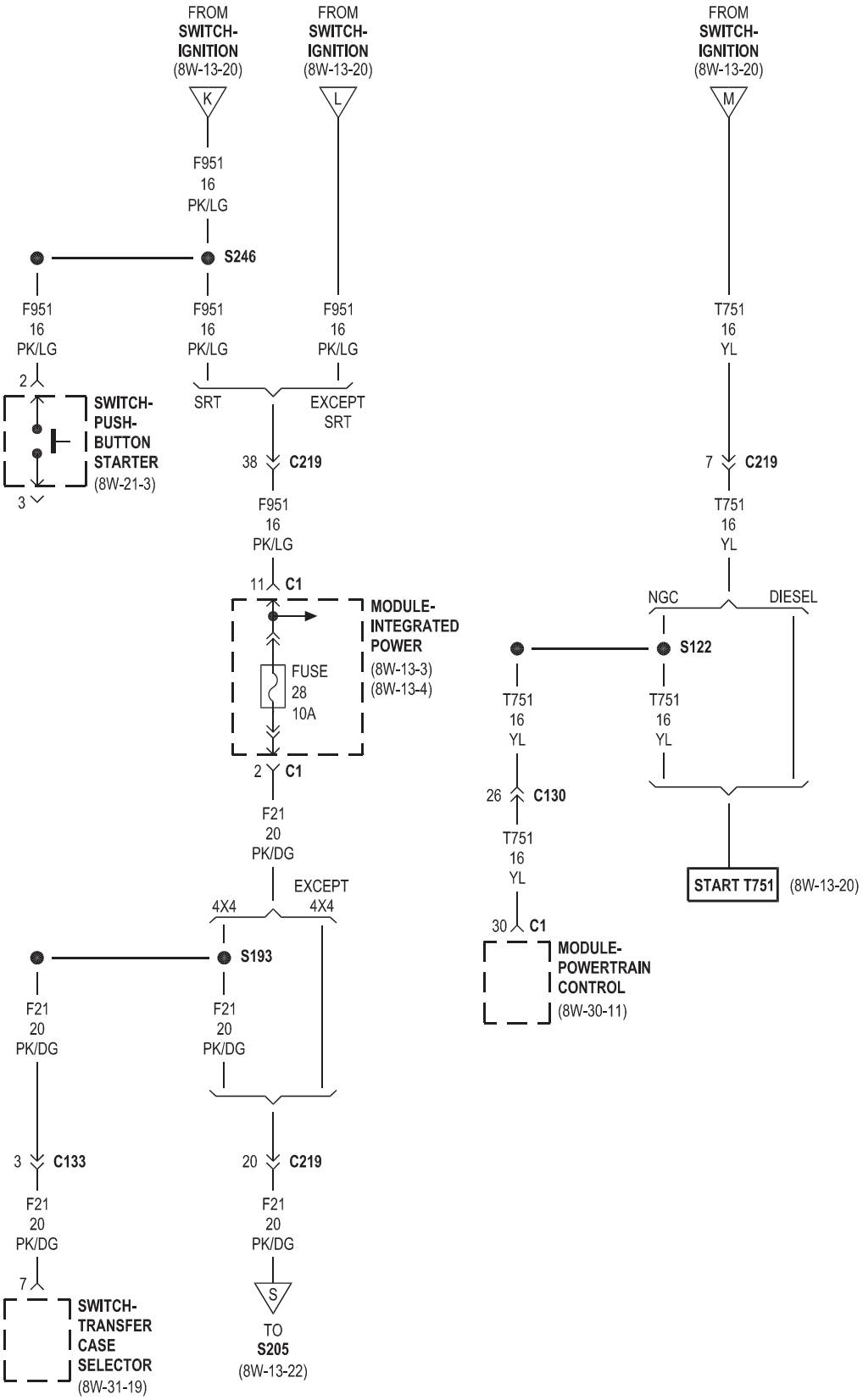

FROM
S148
(8W-13-15)
C
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 1
(8W-30-7)
2
INJECTOR-
FUEL-NO. 5
(8W-30-7)
K342
16
BR/WT
K342
16
BR/WT
2
COIL-
IGNITION-NO. 1
(8W-30-7)
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 3
(8W-30-7)
S149
K342
16
BR/WT
2
COIL-
IGNITION-NO. 3
(8W-30-7)

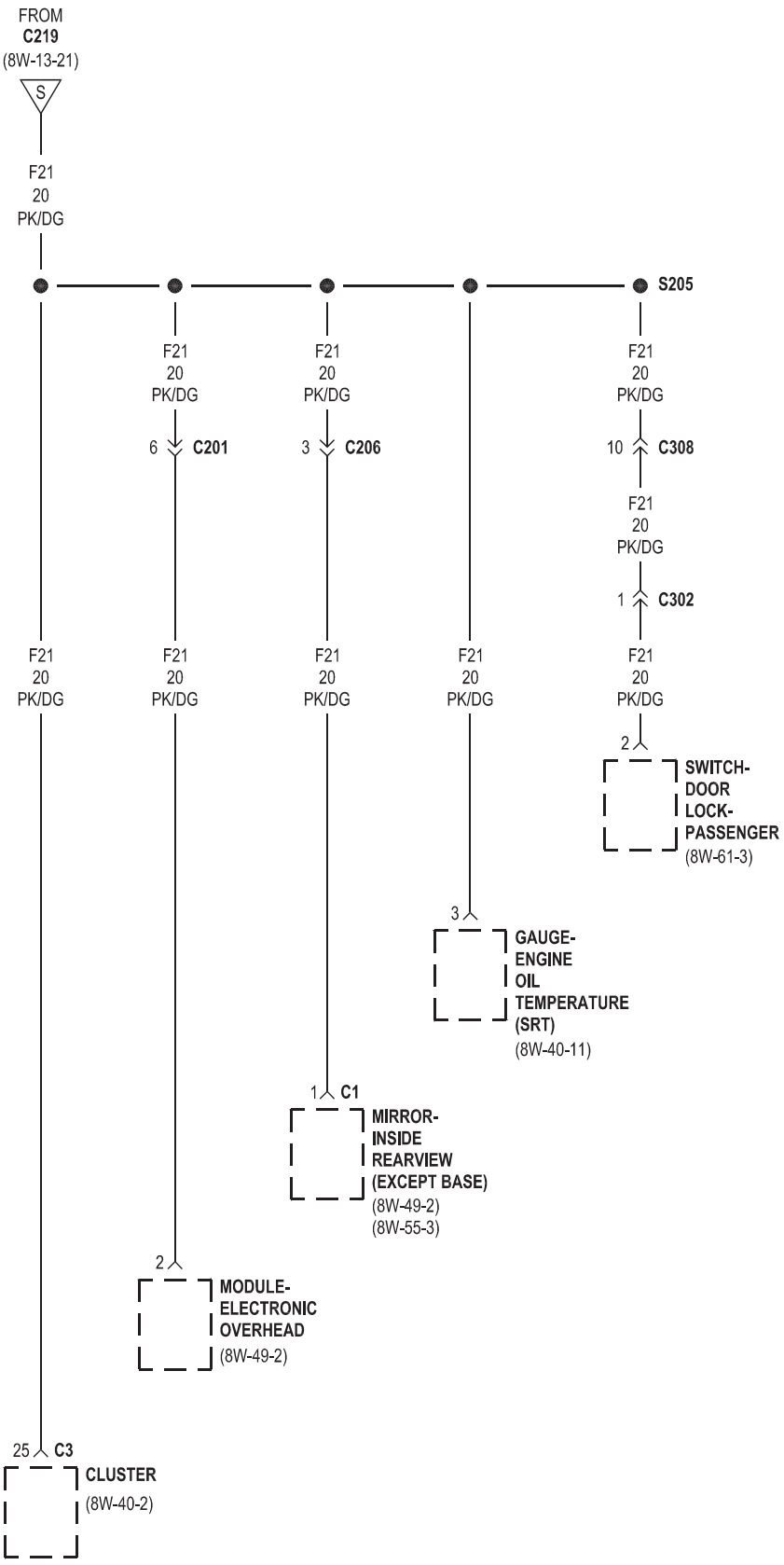

FROM
C130
(8W-13-15)
D
K342
16
BR/WT
S155
K342
16
BR/WT
K342
16
BR/WT
14
7
C107
K342
16
BR/WT
K342
16
BR/WT
F
TO
S160
(8W-13-18)
INJECTOR-
FUEL-NO. 1
(8W-30-8)
2
INJECTOR-
FUEL-NO. 3
(8W-30-8)
2
INJECTOR-
FUEL-NO. 5
(8W-30-8)
2
INJECTOR-
FUEL-NO. 7
(8W-30-8)
2
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
S143
K342
16
BR/WT
S162
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
1
COIL-
IGNITION-NO. 1
(8W-30-8)
1
COIL-
IGNITION-NO. 3
(8W-30-8)
1
COIL-
IGNITION-NO. 5
(8W-30-8)
1
COIL-
IGNITION-NO. 7
(8W-30-8)

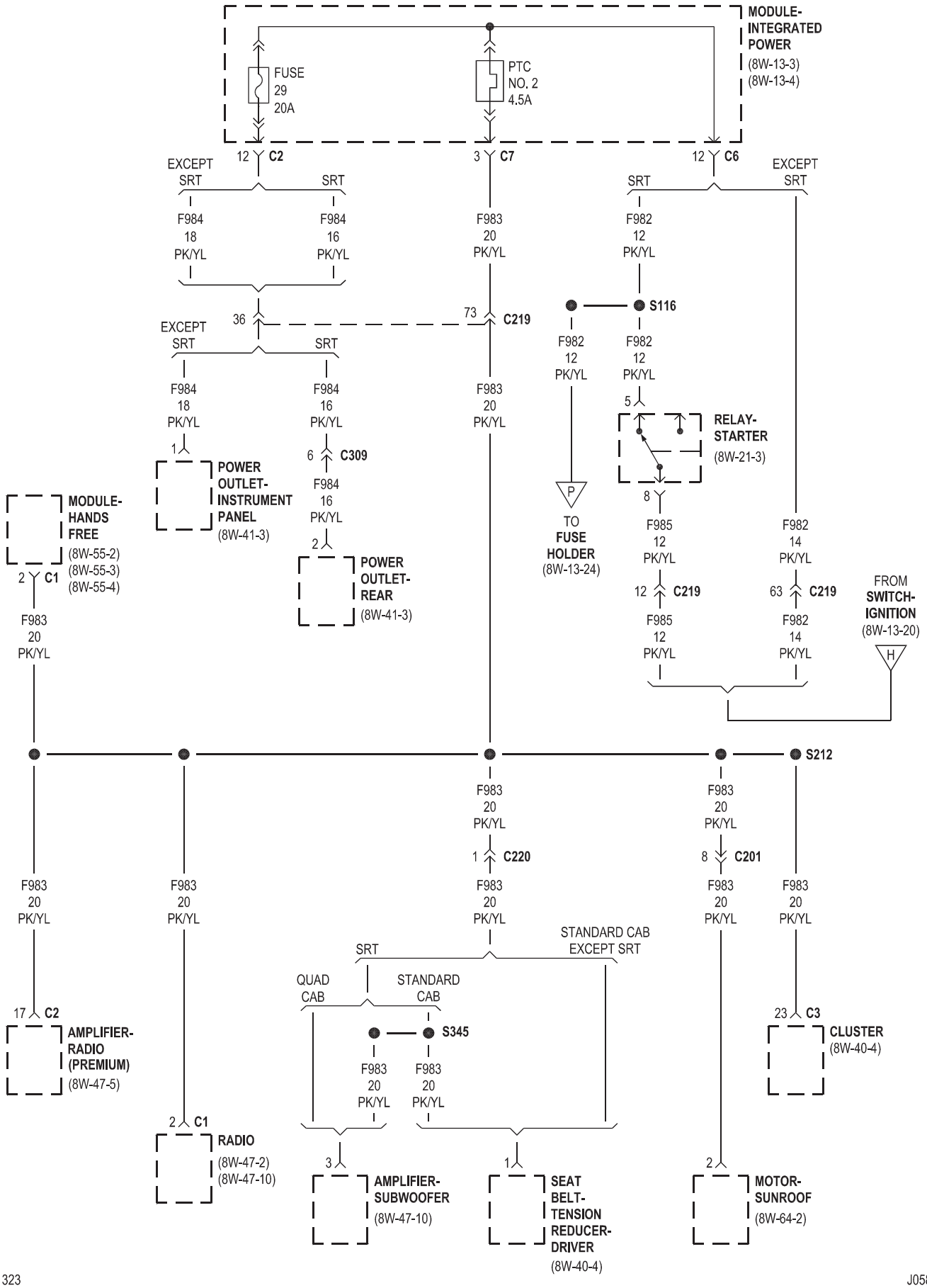

FROM
C107
(8W-13-17)
F
K342
16
BR/WT
INJECTOR-
FUEL-NO. 2
(8W-30-9)
2
K342
16
BR/WT
S160
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 4
(8W-30-9)
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 6
(8W-30-9)
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 8
(8W-30-9)
COIL-
IGNITION-NO. 6
(8W-30-9)
1
K342
16
BR/WT
COIL-
IGNITION-NO. 8
(8W-30-9)
1
K342
16
BR/WT
S163
K342
16
BR/WT
1
COIL-
IGNITION-NO. 2
(8W-30-9)
K342
16
BR/WT
1
COIL-
IGNITION-NO. 4
(8W-30-9)

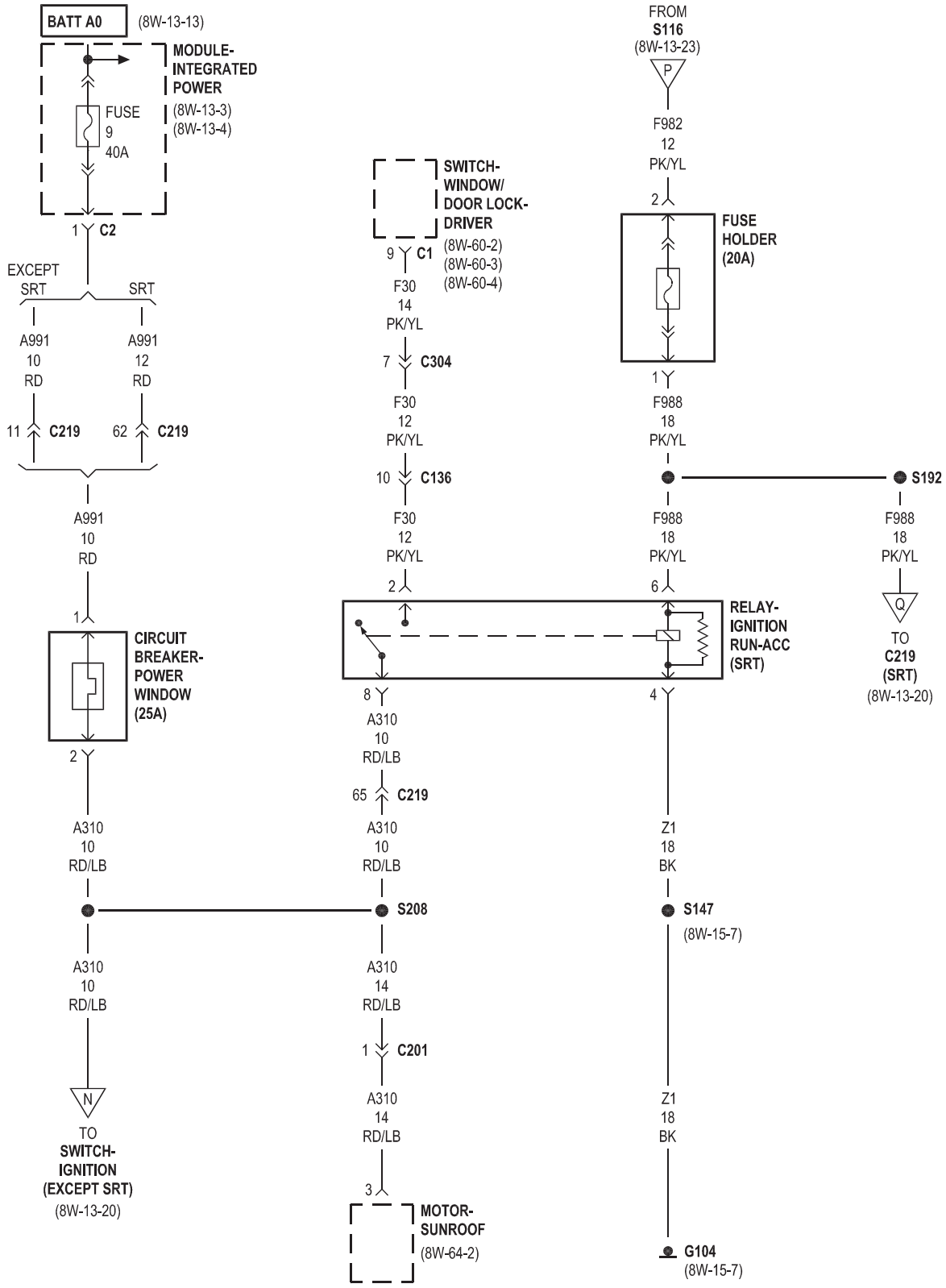

FROM
C130
(8W-13-15)
E
K342
16
BR/WT
COIL-
IGNITION-
LEFT
(8W-30-24)
2
K342
16
BR/WT
INJECTOR-
FUEL-NO. 1
(8W-30-10)
2
K342
16
BR/WT
INJECTOR-
FUEL-NO. 3
(8W-30-10)
2
K342
16
BR/WT
S129
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
S128
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 5
(8W-30-10)
2
INJECTOR-
FUEL-NO. 7
(8W-30-10)
2
INJECTOR-
FUEL-NO. 9
(8W-30-10)
2
COIL-
IGNITION-
RIGHT
(8W-30-24)
INJECTOR-
FUEL-NO. 8
(8W-30-10)
2
INJECTOR-
FUEL-NO. 10
(8W-30-10)
2
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
S134
K342
16
BR/WT
K342
16
BR/WT
K342
16
BR/WT
2
INJECTOR-
FUEL-NO. 2
(8W-30-10)
2
INJECTOR-
FUEL-NO. 4
(8W-30-10)
2
INJECTOR-
FUEL-NO. 6
(8W-30-10)

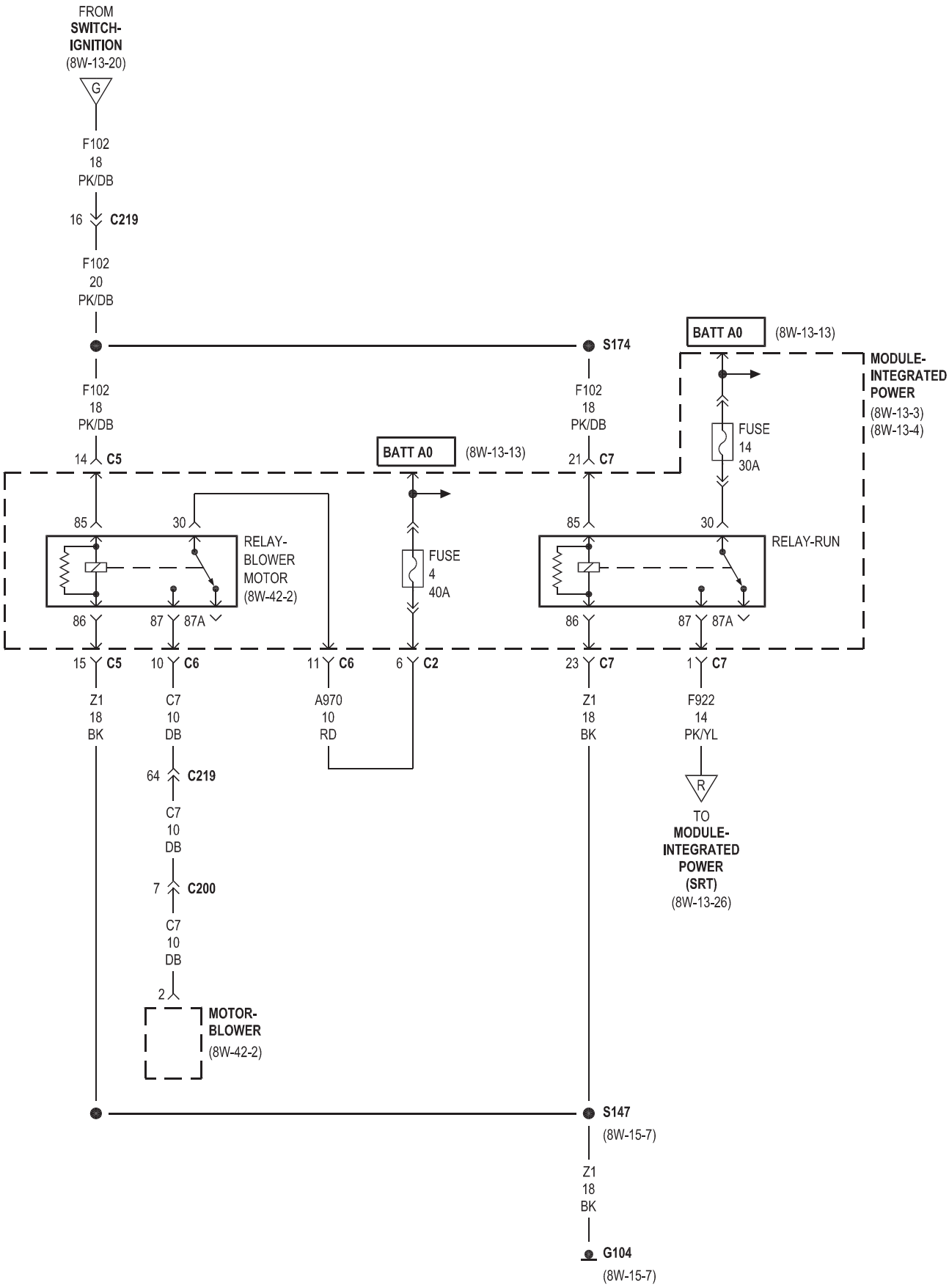

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 4 40A
FUSE 10 40A
FUSE 3 30A
FUSE 20 25A
FROM S192
(8W-13-24)
FROM S208 (EXCEPT SRT)
(8W-13-24)
CLUSTER
(8W-40-3)
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
KEY-IN SWITCH
SRT
EXCEPT SRT
TO C219 (8W-13-25)
TO C219 (8W-13-23)
TO C219 (8W-13-21)
TO MODULE-INTEGRATED POWER (8W-13-26)
TO S246 (8W-13-21)
TO C219 (8W-13-21)
MOTOR-BLOWER
(8W-42-2)
SWITCH-WINDOW/DOOR LOCK-DRIVER
(8W-60-2)
(8W-60-3)
(8W-60-4)
CLUSTER
(8W-40-4)
G201
(8W-15-17)
(8W-15-18)
S210
MODULE-POWERTRAIN CONTROL
(8W-30-11)
NGC
SRT
EXCEPT SRT
EXCEPT BASE/SRT

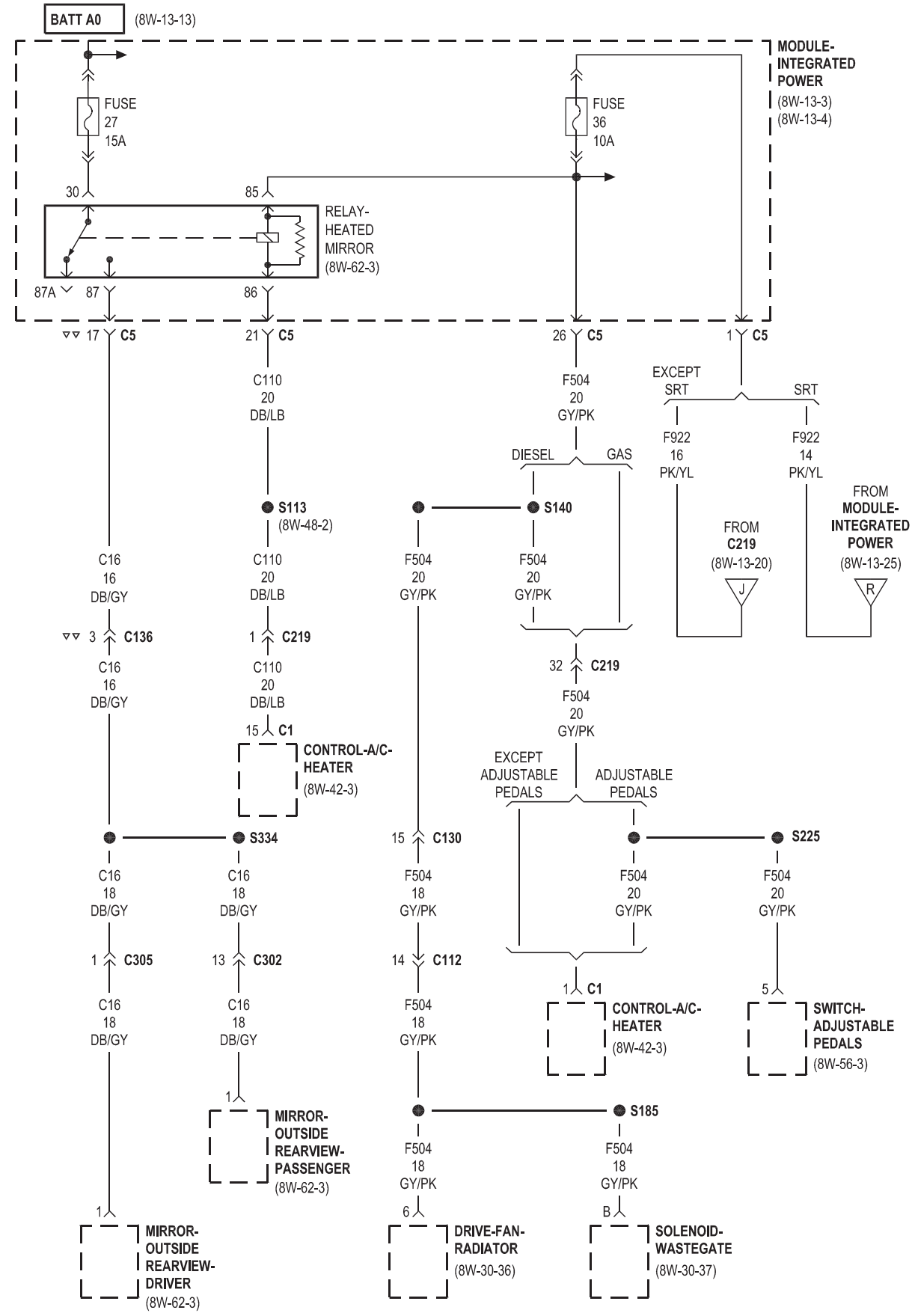

FROM SWITCH-IGNITION (8W-13-20)
K
L
M
F951 16 PK/LG
S246
T751 16 YL
2
SWITCH-PUSH-BUTTON STARTER (8W-21-3)
3
SRT
EXCEPT SRT
38 C219
7 C219
11 C1
MODULE-INTEGRATED POWER (8W-13-3) (8W-13-4)
FUSE 28 10A
2 C1
F21 20 PK/DG
NGC
DIESEL
S122
26 C130
30 C1
MODULE-POWERTRAIN CONTROL (8W-30-11)
START T751 (8W-13-20)
4X4
EXCEPT 4X4
S193
3 C133
20 C219
7
SWITCH-TRANSFER CASE SELECTOR (8W-31-19)
S
TO S205 (8W-13-22)


FROM
C219
(8W-13-21)
S
F21
20
PK/DG
S205
F21
20
PK/DG
6 C201
F21
20
PK/DG
3 C206
F21
20
PK/DG
10 C308
F21
20
PK/DG
1 C302
F21
20
PK/DG
F21
20
PK/DG
F21
20
PK/DG
F21
20
PK/DG
F21
20
PK/DG
F21
20
PK/DG
2
SWITCH-
DOOR
LOCK-
PASSENGER
(8W-61-3)
3
GAUGE-
ENGINE
OIL
TEMPERATURE
(SRT)
(8W-40-11)
1 C1
MIRROR-
INSIDE
REARVIEW
(EXCEPT BASE)
(8W-49-2)
(8W-55-3)
2
MODULE-
ELECTRONIC
OVERHEAD
(8W-49-2)
25 C3
CLUSTER
(8W-40-2)

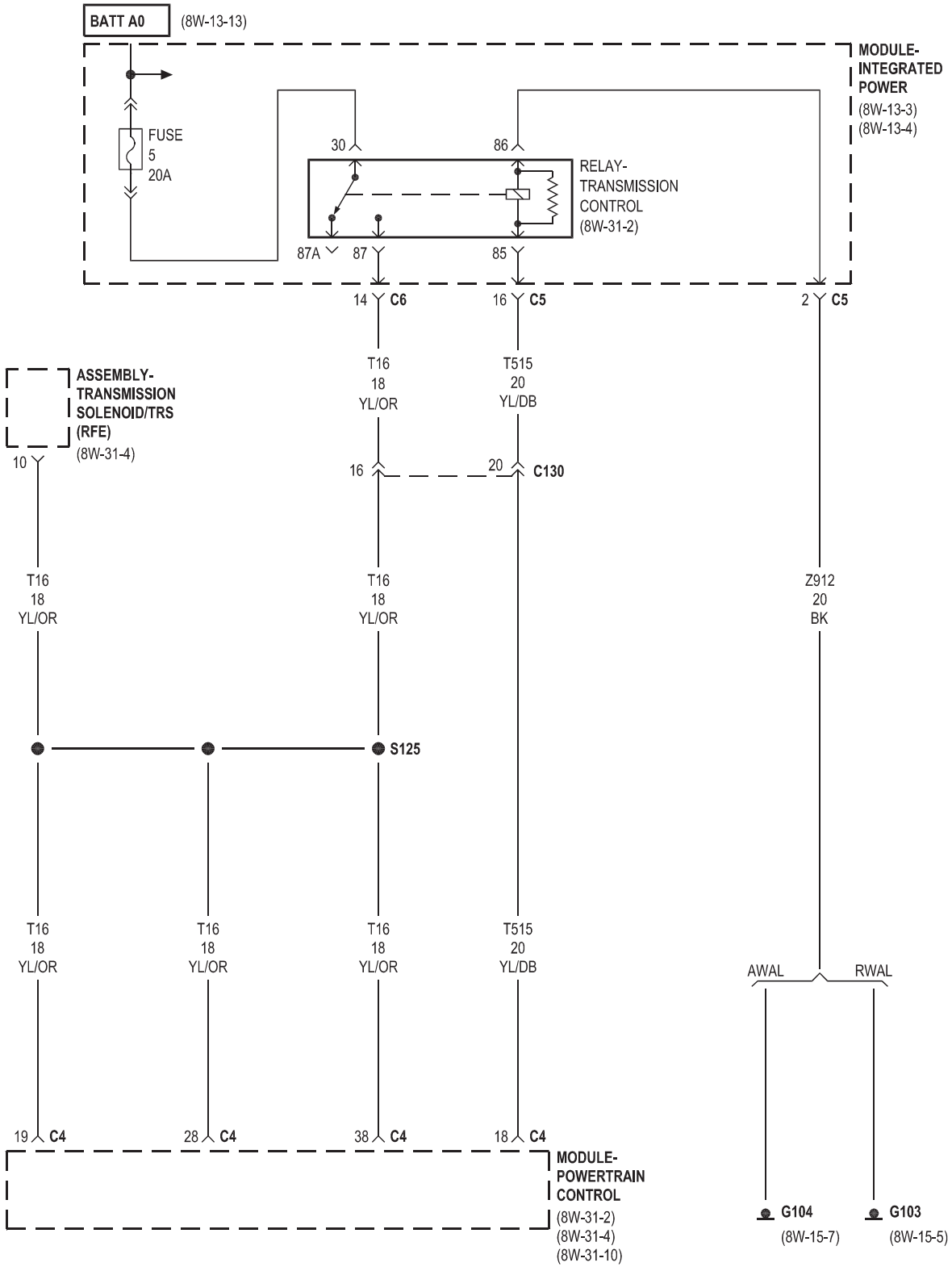

MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
29
20A
PTC
NO. 2
4.5A
12 C2
3 C7
12 C6
EXCEPT
SRT
SRT
F984
18
PK/YL
F984
16
PK/YL
F983
20
PK/YL
F982
12
PK/YL
36
73 C219
S116
F982
14
PK/YL
1
POWER
OUTLET-
INSTRUMENT
PANEL
(8W-41-3)
6 C309
2
POWER
OUTLET-
REAR
(8W-41-3)
P
TO
FUSE
HOLDER
(8W-13-24)
5
RELAY-
STARTER
(8W-21-3)
8
F985
12
PK/YL
12 C219
63 C219
FROM
SWITCH-
IGNITION
(8W-13-20)
H
MODULE-
HANDS
FREE
(8W-55-2)
(8W-55-3)
(8W-55-4)
2 C1
S212
1 C220
8 C201
17 C2
AMPLIFIER-
RADIO
(PREMIUM)
(8W-47-5)
2 C1
RADIO
(8W-47-2)
(8W-47-10)
STANDARD CAB
EXCEPT SRT
QUAD
CAB
STANDARD
CAB
S345
3
AMPLIFIER-
SUBWOOFER
(8W-47-10)
1
SEAT
BELT-
TENSION
REDUCER-
DRIVER
(8W-40-4)
23 C3
CLUSTER
(8W-40-4)
2
MOTOR-
SUNROOF
(8W-64-2)

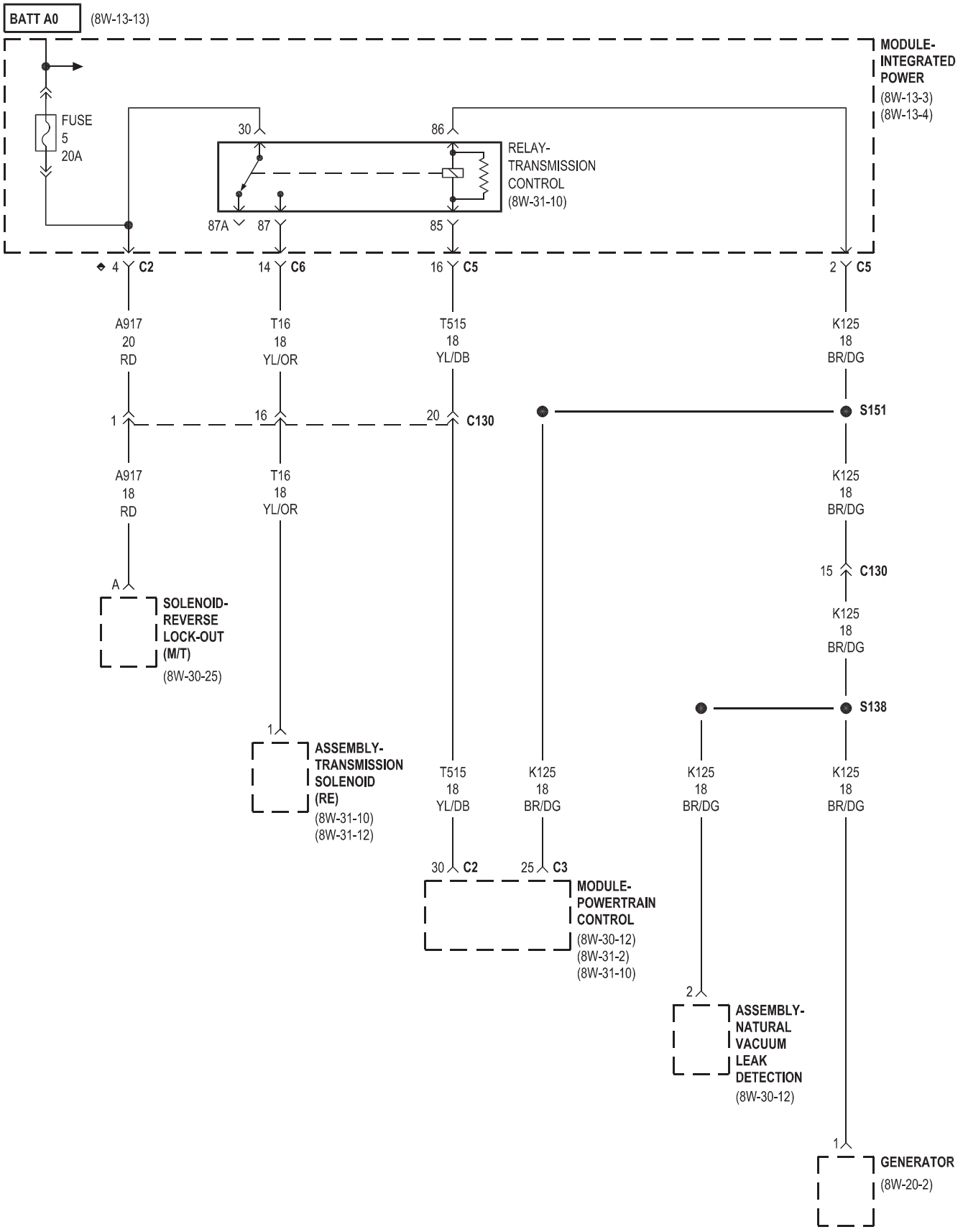

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
FUSE 9 40A
(8W-13-3)
(8W-13-4)
1 C2
EXCEPT SRT
SRT
A991 10 RD
A991 12 RD
11 C219
62 C219
A991 10 RD
1
CIRCUIT BREAKER-POWER WINDOW (25A)
2
A310 10 RD/LB
N
TO SWITCH-IGNITION (EXCEPT SRT)
(8W-13-20)
SWITCH-WINDOW/ DOOR LOCK-DRIVER
9 C1
(8W-60-2)
(8W-60-3)
(8W-60-4)
F30 14 PK/YL
7 C304
F30 12 PK/YL
10 C136
F30 12 PK/YL
2
8
A310 10 RD/LB
65 C219
A310 10 RD/LB
S208
A310 10 RD/LB
A310 14 RD/LB
1 C201
A310 14 RD/LB
3
MOTOR-SUNROOF
(8W-64-2)
FROM S116
(8W-13-23)
P
F982 12 PK/YL
2
FUSE HOLDER (20A)
1
F988 18 PK/YL
F988 18 PK/YL
6
4
RELAY-IGNITION RUN-ACC (SRT)
Z1 18 BK
S147
(8W-15-7)
Z1 18 BK
G104
(8W-15-7)
S192
F988 18 PK/YL
Q
TO C219 (SRT)
(8W-13-20)


FROM
SWITCH-
IGNITION
(8W-13-20)
G
F102
18
PK/DB
16 C219
F102
20
PK/DB
S174
BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
F102
18
PK/DB
14 C5
BATT A0
(8W-13-13)
21 C7
FUSE
14
30A
85
30
RELAY-
BLOWER
MOTOR
(8W-42-2)
FUSE
4
40A
85
30
RELAY-RUN
86
87
87A
86
87
87A
15 C5
10 C6
11 C6
6 C2
23 C7
1 C7
Z1
18
BK
C7
10
DB
A970
10
RD
Z1
18
BK
F922
14
PK/YL
R
TO
MODULE-
INTEGRATED
POWER
(SRT)
(8W-13-26)
64 C219
C7
10
DB
7 C200
C7
10
DB
2
MOTOR-
BLOWER
(8W-42-2)
S147
(8W-15-7)
Z1
18
BK
G104
(8W-15-7)

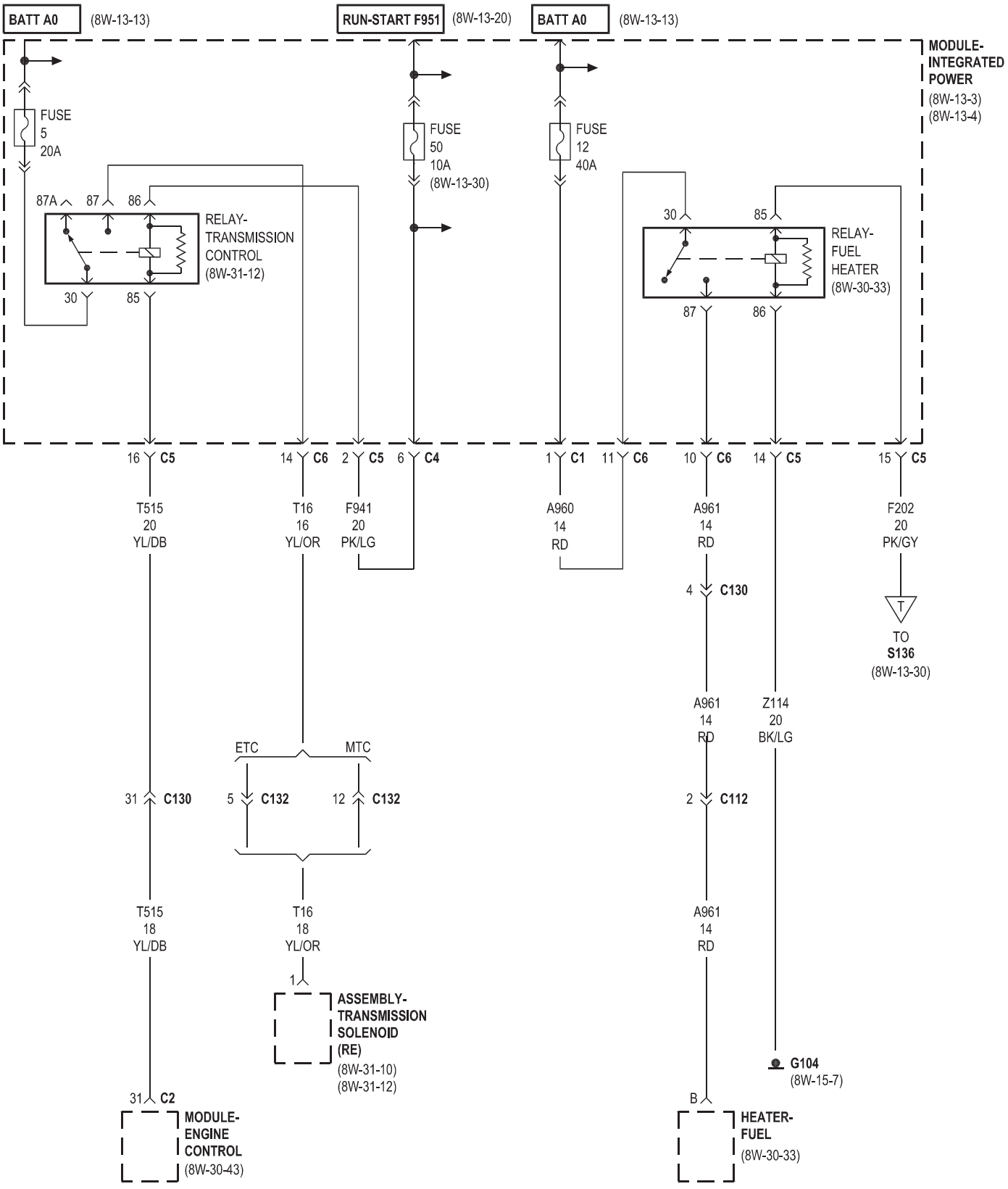

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 27 15A
FUSE 36 10A
30
85
RELAY-HEATED MIRROR
(8W-62-3)
87A
87
86
17 C5
21 C5
26 C5
1 C5
C110 20 DB/LB
F504 20 GY/PK
EXCEPT SRT
SRT
F922 16 PK/YL
F922 14 PK/YL
DIESEL
GAS
S113
(8W-48-2)
S140
FROM C219
(8W-13-20)
J
FROM MODULE-INTEGRATED POWER
(8W-13-25)
R
C16 16 DB/GY
3 C136
1 C219
32 C219
15 C1
CONTROL-A/C-HEATER
(8W-42-3)
EXCEPT ADJUSTABLE PEDALS
ADJUSTABLE PEDALS
S334
S225
15 C130
C16 18 DB/GY
F504 18 GY/PK
1 C305
13 C302
14 C112
5
SWITCH-ADJUSTABLE PEDALS
(8W-56-3)
MIRROR-OUTSIDE REARVIEW-PASSENGER
(8W-62-3)
S185
6
B
DRIVE-FAN-RADIATOR
(8W-30-36)
SOLENOID-WASTEGATE
(8W-30-37)
MIRROR-OUTSIDE REARVIEW-DRIVER
(8W-62-3)

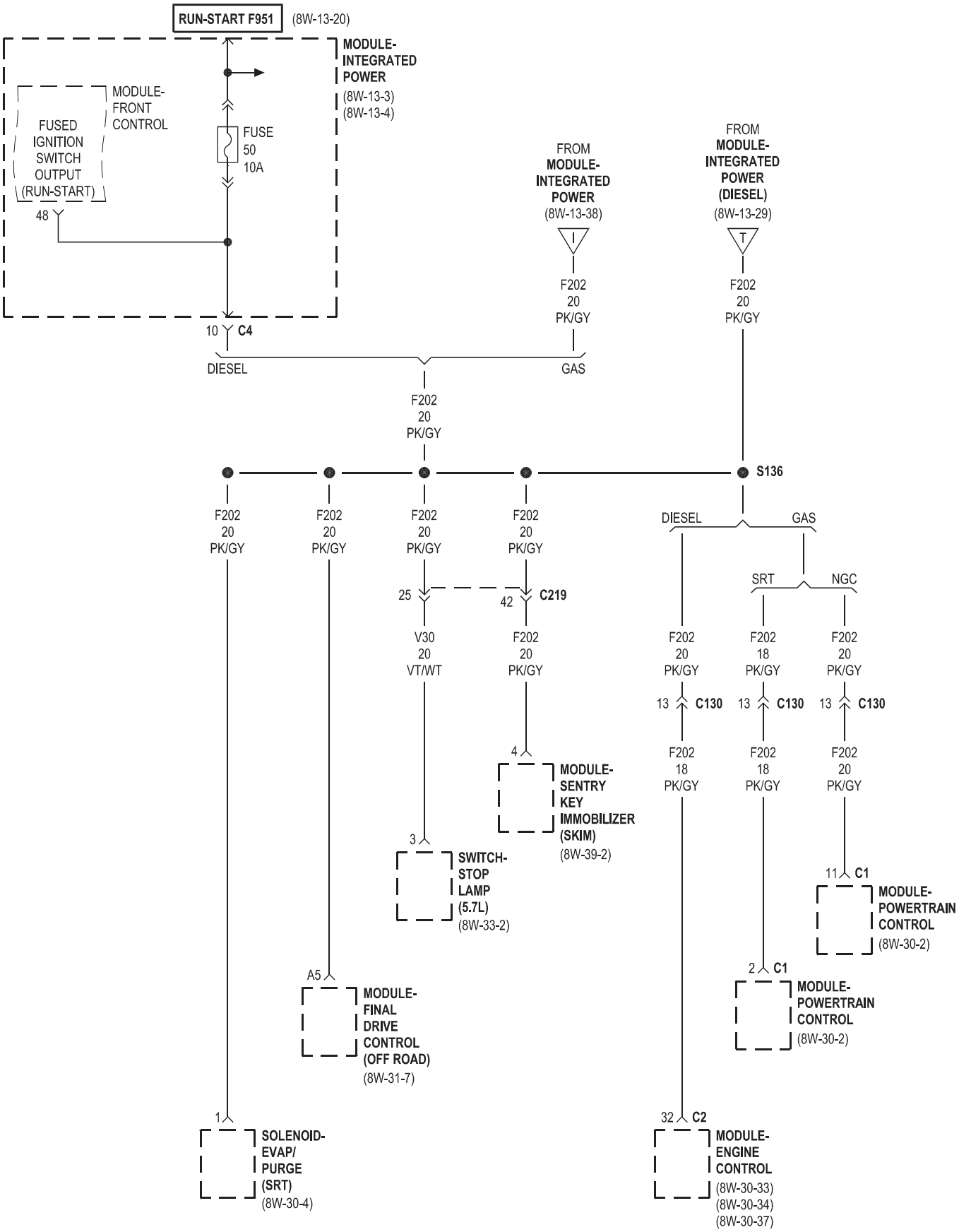
▽▽ EXCEPT BASE

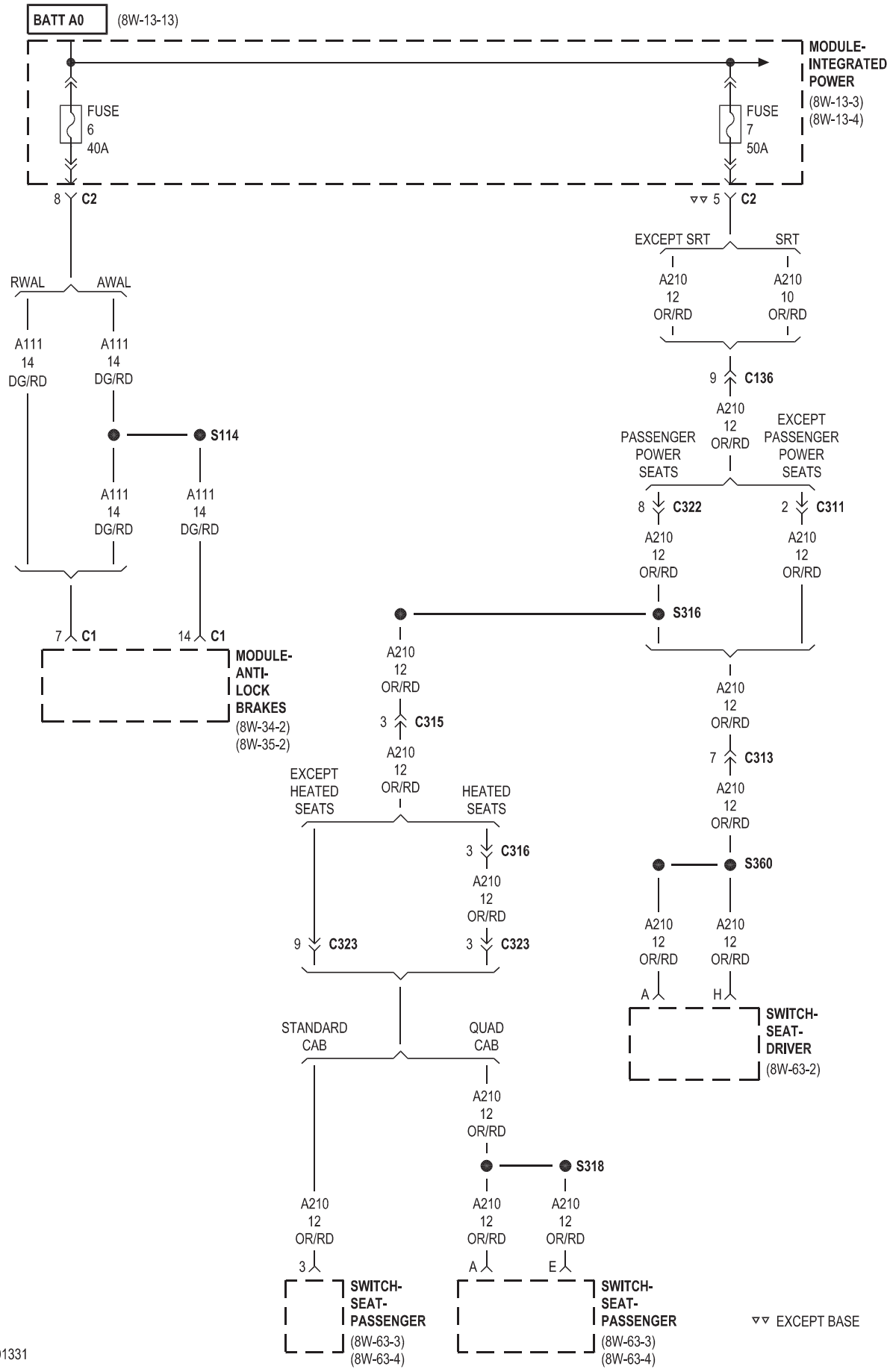

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
5
20A
30
86
RELAY-
TRANSMISSION
CONTROL
(8W-31-2)
87A
87
85
14 C6
16 C5
2 C5
T16
18
YL/OR
T515
20
YL/DB
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
(8W-31-4)
10
16
20 C130
T16
18
YL/OR
T16
18
YL/OR
Z912
20
BK
S125
T16
18
YL/OR
T16
18
YL/OR
T16
18
YL/OR
T515
20
YL/DB
AWAL
RWAL
19 C4
28 C4
38 C4
18 C4
MODULE-
POWERTRAIN
CONTROL
(8W-31-2)
(8W-31-4)
(8W-31-10)
G104
(8W-15-7)
G103
(8W-15-5)

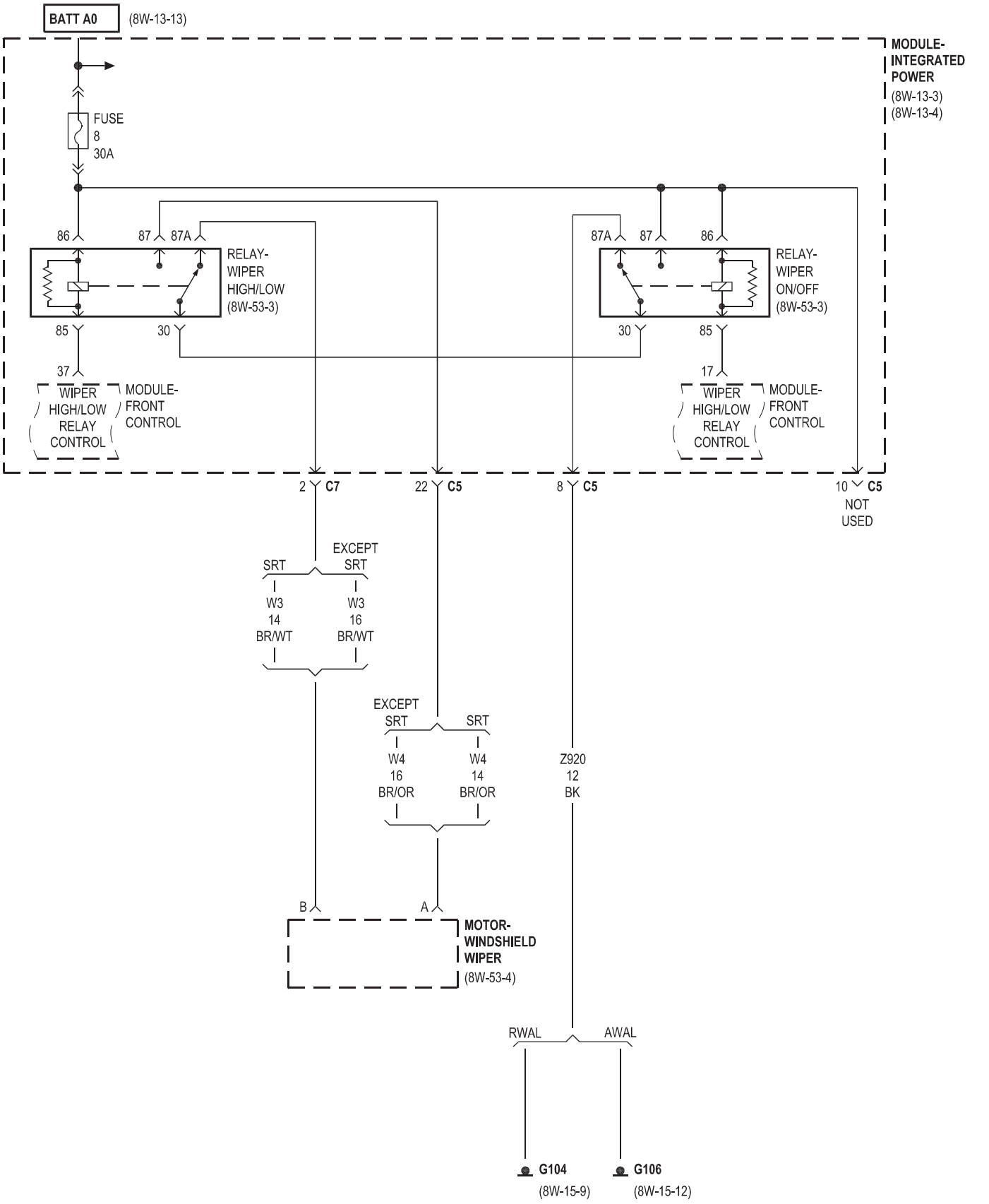


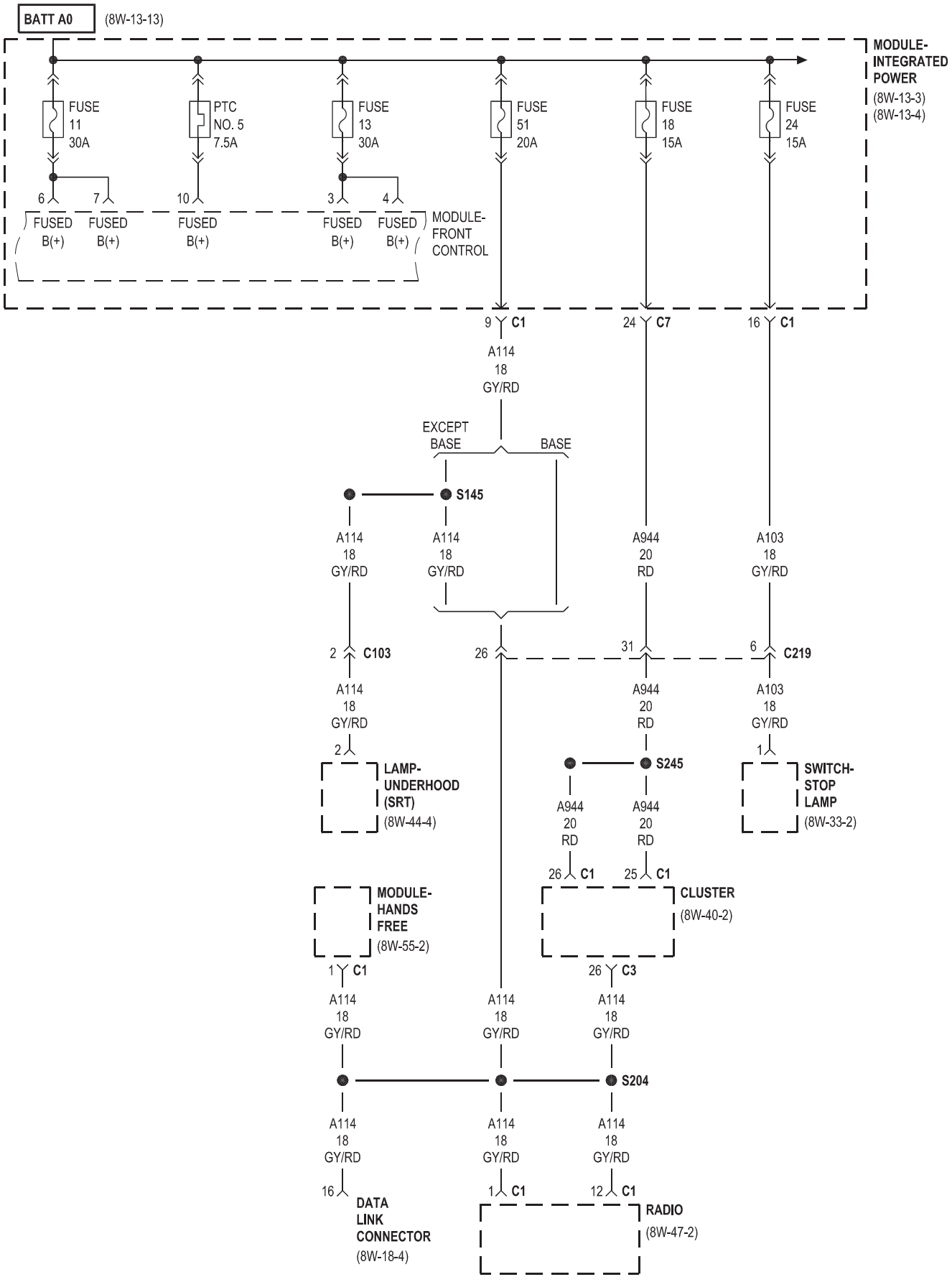
◆ STANDARD CAB

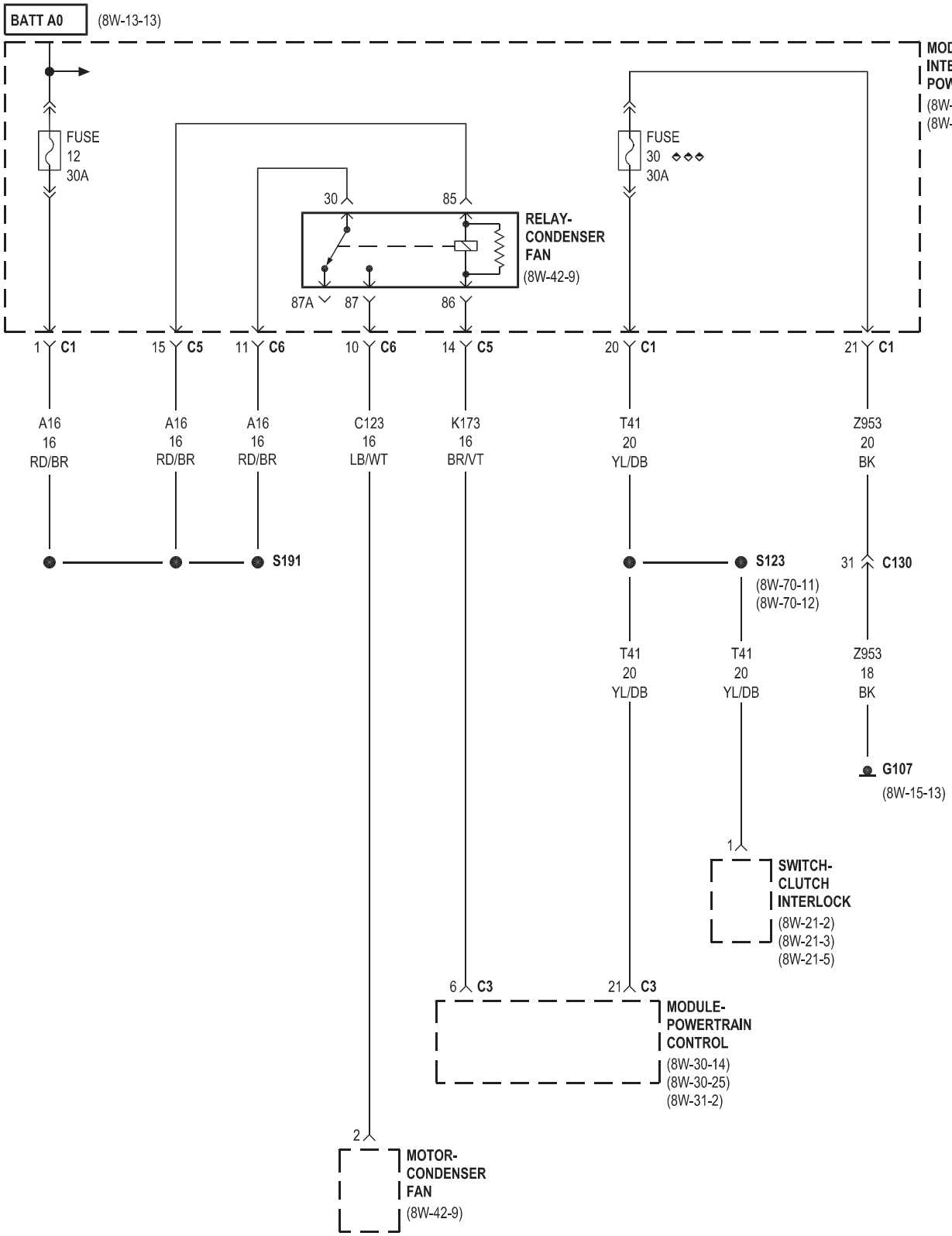

BATT A0
(8W-13-13)
RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
5
20A
FUSE
50
10A
(8W-13-30)
FUSE
12
40A
87A
87
86
30
85
RELAY-
TRANSMISSION
CONTROL
(8W-31-12)
30
85
87
86
RELAY-
FUEL
HEATER
(8W-30-33)
16 C5
14 C6
2 C5
6 C4
1 C1
11 C6
10 C6
14 C5
15 C5
T515
20
YL/DB
T16
16
YL/OR
F941
20
PK/LG
A960
14
RD
A961
14
RD
F202
20
PK/GY
4 C130
T
TO
S136
(8W-13-30)
A961
14
RD
Z114
20
BK/LG
ETC
MTC
31 C130
5 C132
12 C132
2 C112
T515
18
YL/DB
T16
18
YL/OR
A961
14
RD
1
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
(8W-31-10)
(8W-31-12)
G104
(8W-15-7)
31 C2
B
MODULE-
ENGINE
CONTROL
(8W-30-43)
HEATER-
FUEL
(8W-30-33)


RUN-START F951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
MODULE-
FRONT
CONTROL
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
48
FUSE
50
10A
10
C4
DIESEL
GAS
FROM
MODULE-
INTEGRATED
POWER
(8W-13-38)
I
F202
20
PK/GY
FROM
MODULE-
INTEGRATED
POWER
(DIESEL)
(8W-13-29)
T
F202
20
PK/GY
S136
F202
20
PK/GY
25
42
C219
V30
20
VT/WT
4
MODULE-
SENTRY
KEY
IMMOBILIZER
(SKIM)
(8W-39-2)
3
SWITCH-
STOP
LAMP
(5.7L)
(8W-33-2)
A5
MODULE-
FINAL
DRIVE
CONTROL
(OFF ROAD)
(8W-31-7)
1
SOLENOID-
EVAP/
PURGE
(SRT)
(8W-30-4)
SRT
NGC
F202
18
PK/GY
13
C130
11
C1
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
2
C1
32
C2
MODULE-
ENGINE
CONTROL
(8W-30-33)
(8W-30-34)
(8W-30-37)


BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 6 40A
FUSE 7 50A
8 C2
5 C2
EXCEPT SRT
SRT
A210 12 OR/RD
A210 10 OR/RD
9 C136
RWAL
AWAL
A111 14 DG/RD
S114
PASSENGER POWER SEATS
EXCEPT PASSENGER POWER SEATS
8 C322
2 C311
S316
7 C1
14 C1
MODULE-ANTI-LOCK BRAKES
(8W-34-2)
(8W-35-2)
3 C315
EXCEPT HEATED SEATS
HEATED SEATS
3 C316
9 C323
3 C323
7 C313
S360
A
H
SWITCH-SEAT-DRIVER
(8W-63-2)
STANDARD CAB
QUAD CAB
S318
3
A
E
SWITCH-SEAT-PASSENGER
(8W-63-3)
(8W-63-4)
EXCEPT BASE

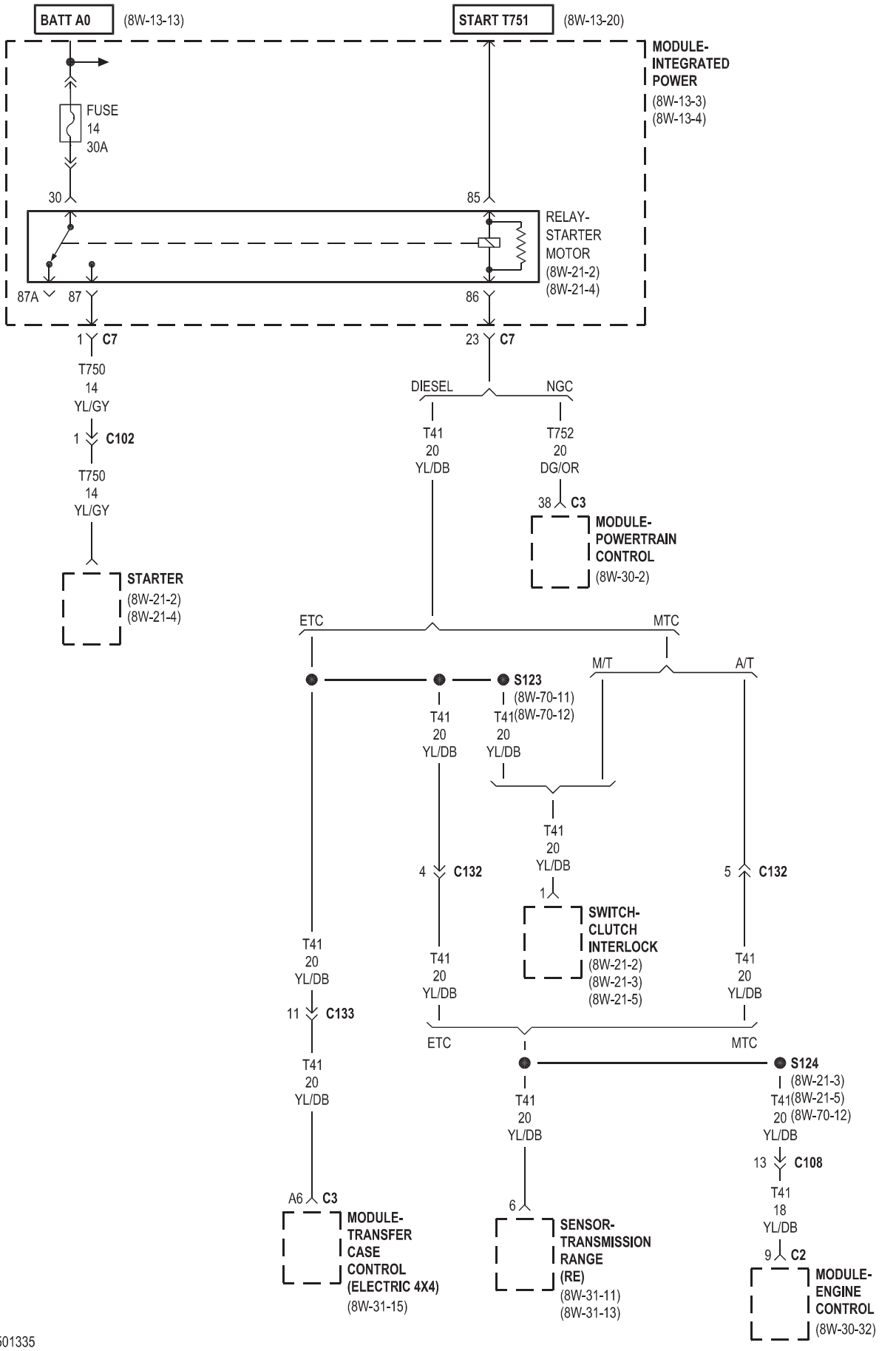

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
8
30A
86
87
87A
RELAY-
WIPER
HIGH/LOW
(8W-53-3)
85
30
37
WIPER
HIGH/LOW
RELAY
CONTROL
MODULE-
FRONT
CONTROL
87A
87
86
RELAY-
WIPER
ON/OFF
(8W-53-3)
30
85
17
WIPER
HIGH/LOW
RELAY
CONTROL
MODULE-
FRONT
CONTROL
2 C7
22 C5
8 C5
10 C5
NOT
USED
EXCEPT
SRT
SRT
W3
14
BR/WT
W3
16
BR/WT
EXCEPT
SRT
SRT
W4
16
BR/OR
W4
14
BR/OR
Z920
12
BK
B
A
MOTOR-
WINDSHIELD
WIPER
(8W-53-4)
RWAL
AWAL
G104
(8W-15-9)
G106
(8W-15-12)

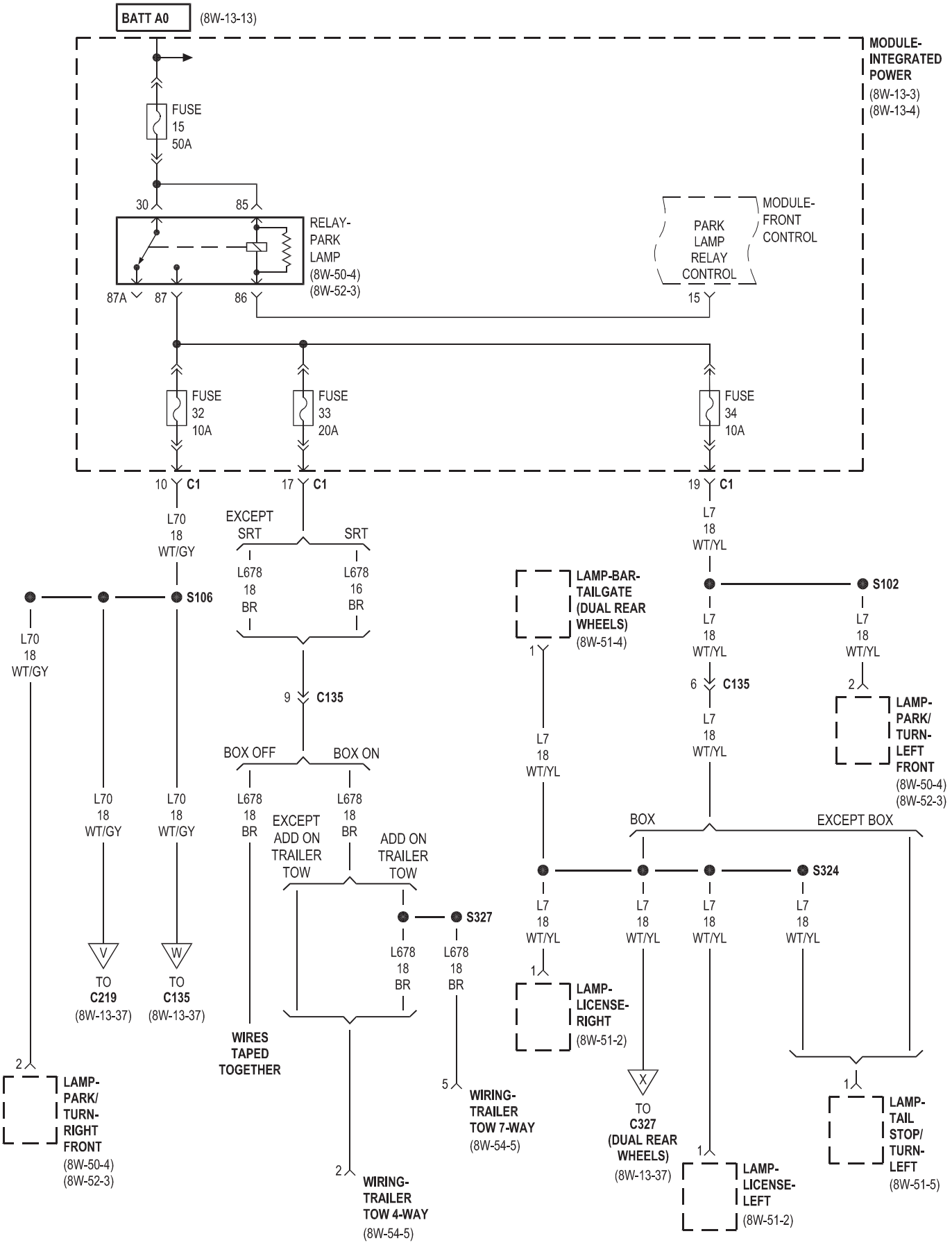

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 11 30A
PTC NO. 5 7.5A
FUSE 13 30A
FUSE 51 20A
FUSE 18 15A
FUSE 24 15A
6 FUSED B(+)
7 FUSED B(+)
10 FUSED B(+)
3 FUSED B(+)
4 FUSED B(+)
MODULE-FRONT CONTROL
9 C1
24 C7
16 C1
A114 18 GY/RD
EXCEPT BASE
BASE
S145
A114 18 GY/RD
A114 18 GY/RD
A944 20 RD
A103 18 GY/RD
2 C103
26
31
6 C219
A114 18 GY/RD
A944 20 RD
A103 18 GY/RD
2
LAMP-UNDERHOOD (SRT)
(8W-44-4)
S245
1
SWITCH-STOP LAMP
(8W-33-2)
A944 20 RD
A944 20 RD
26 C1
25 C1
MODULE-HANDS FREE
(8W-55-2)
CLUSTER
(8W-40-2)
1 C1
26 C3
A114 18 GY/RD
A114 18 GY/RD
A114 18 GY/RD
S204
A114 18 GY/RD
A114 18 GY/RD
A114 18 GY/RD
16
DATA LINK CONNECTOR
(8W-18-4)
1 C1
12 C1
RADIO
(8W-47-2)

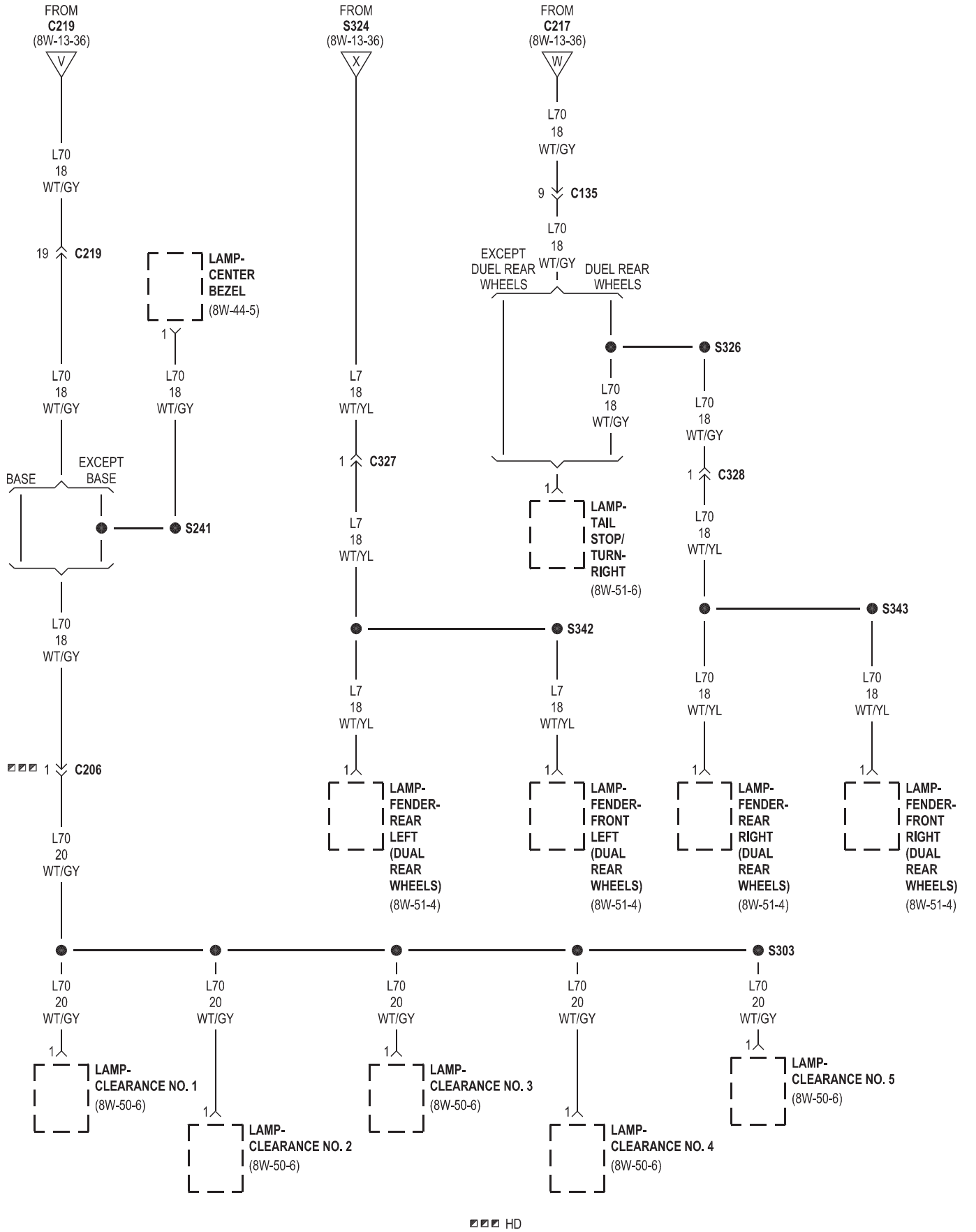

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 12 30A
FUSE 30 ◇◇◇ 30A
30
85
RELAY-CONDENSER FAN
(8W-42-9)
87A
87
86
1 C1
15 C5
11 C6
10 C6
14 C5
20 C1
21 C1
A16 16 RD/BR
A16 16 RD/BR
A16 16 RD/BR
C123 16 LB/WT
K173 16 BR/VT
T41 20 YL/DB
Z953 20 BK
S191
S123
(8W-70-11)
(8W-70-12)
31 C130
T41 20 YL/DB
T41 20 YL/DB
Z953 18 BK
G107
(8W-15-13)
1
SWITCH-CLUTCH INTERLOCK
(8W-21-2)
(8W-21-3)
(8W-21-5)
6 C3
21 C3
MODULE-POWERTRAIN CONTROL
(8W-30-14)
(8W-30-25)
(8W-31-2)
2
MOTOR-CONDENSER FAN
(8W-42-9)

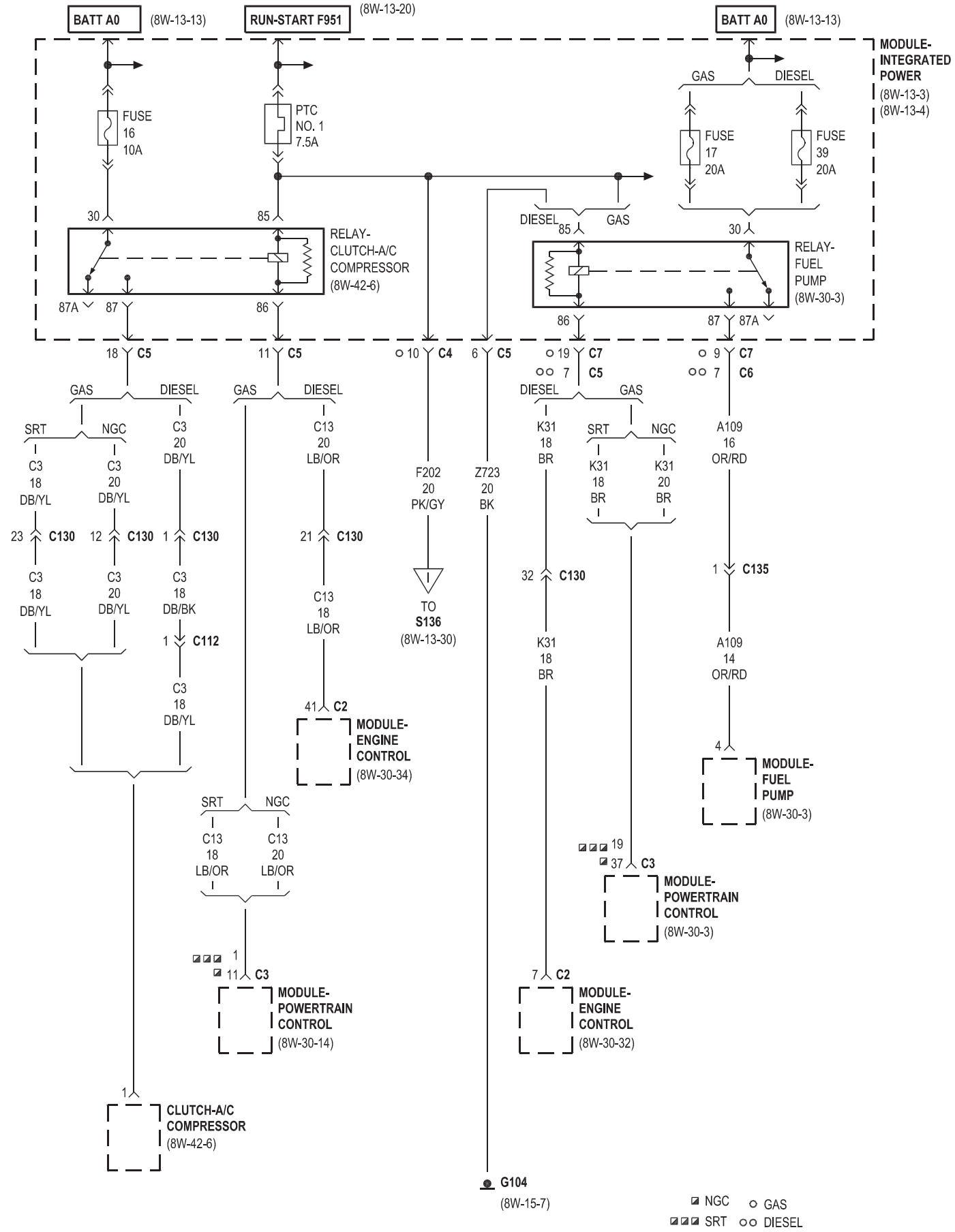
◇◇◇ OFF ROAD

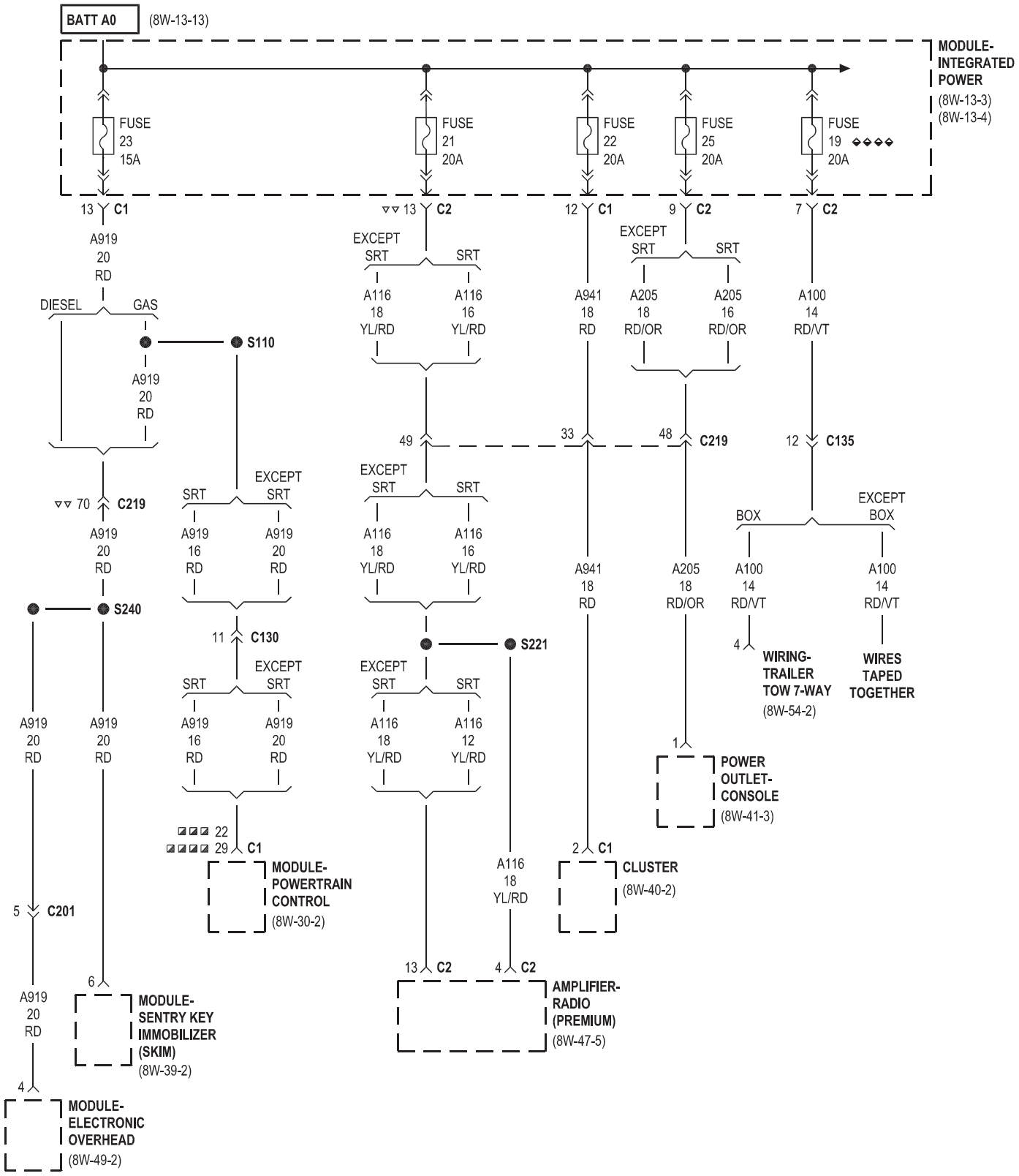
EXCEPT SRT

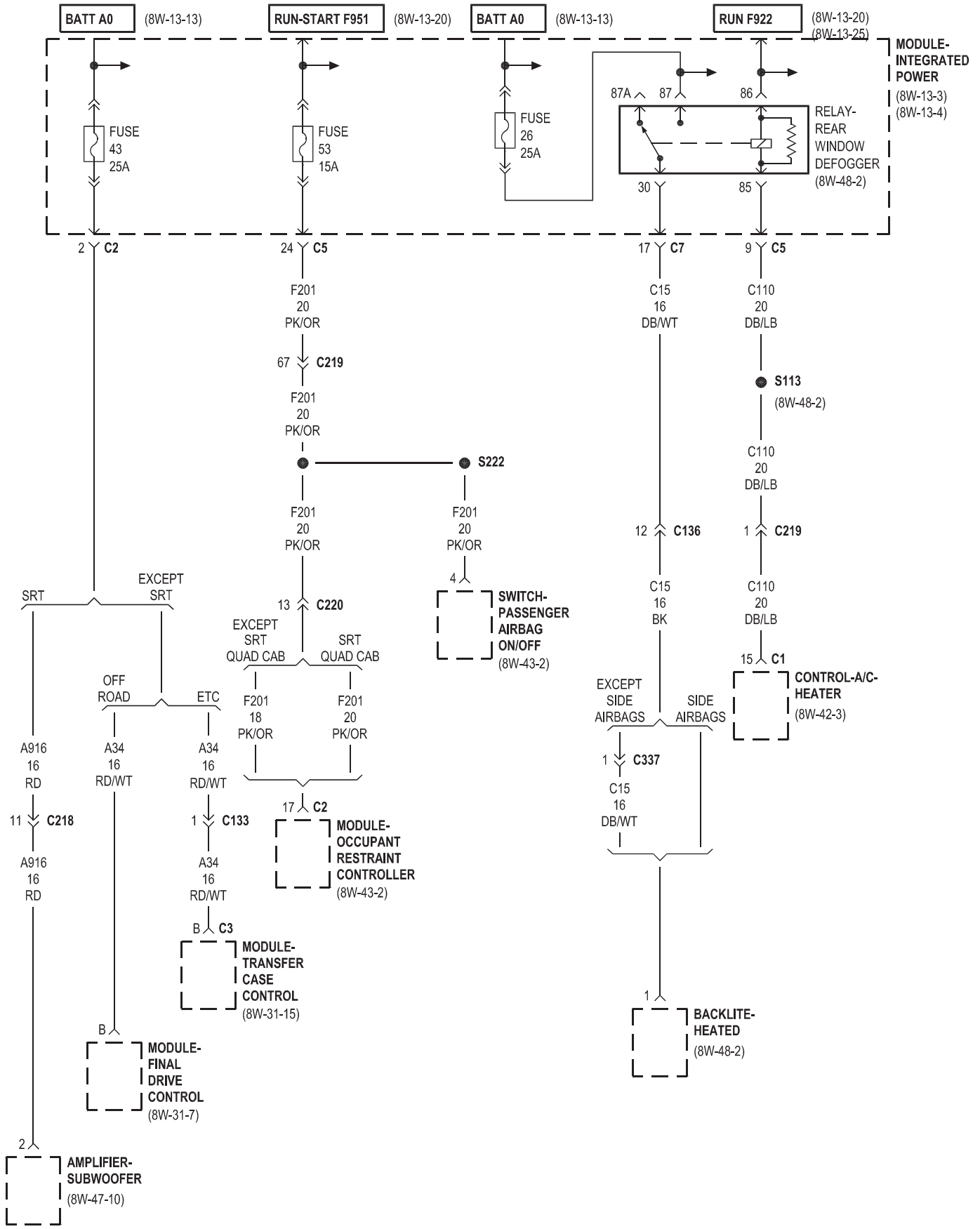

BATT A0
(8W-13-13)
START T751
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 14 30A
30
85
RELAY-STARTER MOTOR
(8W-21-2)
(8W-21-4)
87A
87
86
1 C7
23 C7
T750 14 YL/GY
1 C102
T750 14 YL/GY
STARTER
(8W-21-2)
(8W-21-4)
DIESEL
NGC
T41 20 YL/DB
T752 20 DG/OR
38 C3
MODULE-POWERTRAIN CONTROL
(8W-30-2)
ETC
MTC
M/T
A/T
S123
(8W-70-11)
(8W-70-12)
T41 20 YL/DB
4 C132
5 C132
1
SWITCH-CLUTCH INTERLOCK
(8W-21-2)
(8W-21-3)
(8W-21-5)
11 C133
A6 C3
MODULE-TRANSFER CASE CONTROL (ELECTRIC 4X4)
(8W-31-15)
6
SENSOR-TRANSMISSION RANGE (RE)
(8W-31-11)
(8W-31-13)
S124
(8W-21-3)
(8W-21-5)
(8W-70-12)
13 C108
T41 18 YL/DB
9 C2
MODULE-ENGINE CONTROL
(8W-30-32)

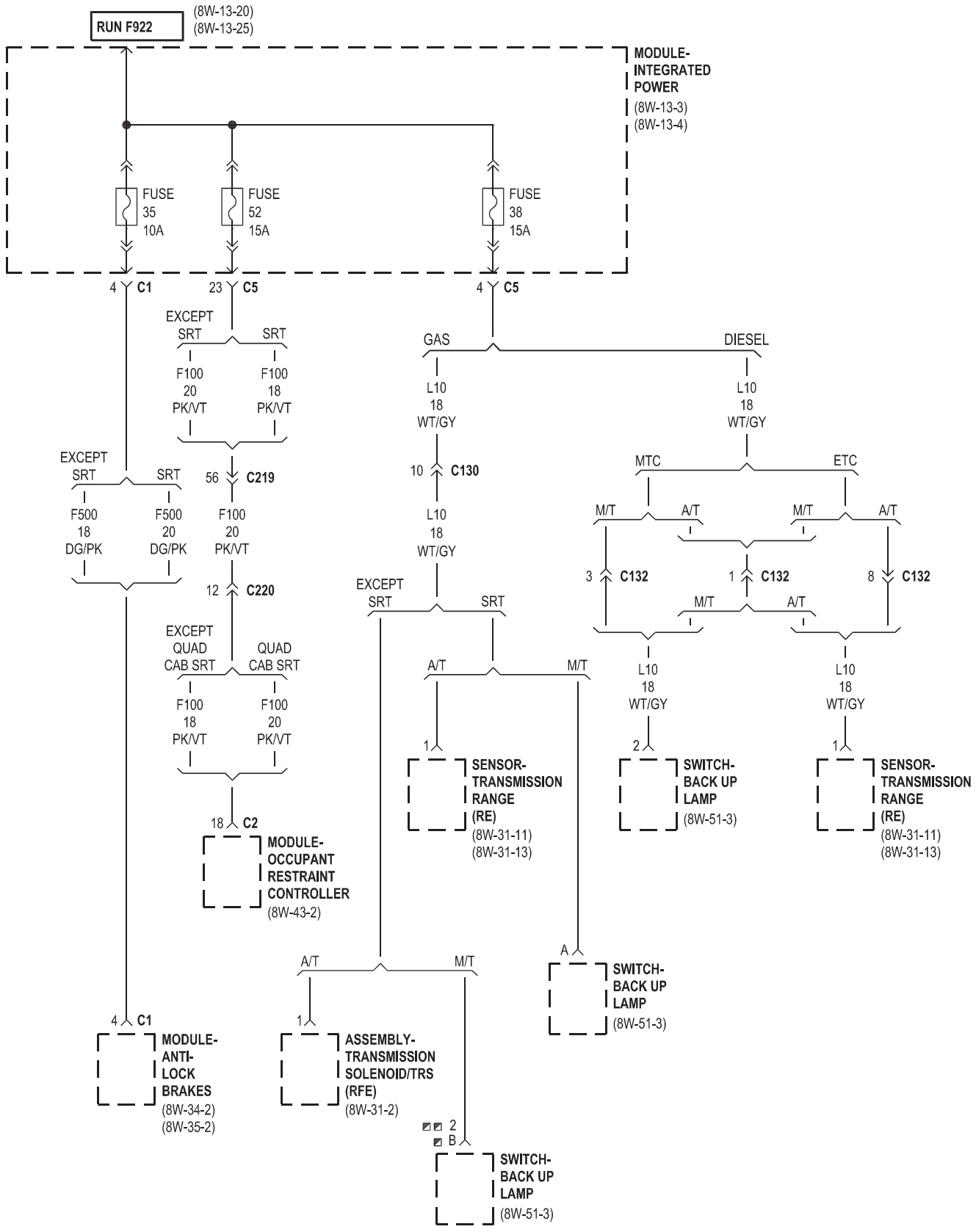

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 15 50A
30
85
RELAY-PARK LAMP
(8W-50-4)
(8W-52-3)
87A
87
86
PARK LAMP RELAY CONTROL
MODULE-FRONT CONTROL
15
FUSE 32 10A
FUSE 33 20A
FUSE 34 10A
10 C1
17 C1
19 C1
L70 18 WT/GY
EXCEPT SRT
SRT
L678 18 BR
L678 16 BR
L7 18 WT/YL
LAMP-BAR-TAILGATE (DUAL REAR WHEELS)
(8W-51-4)
S102
S106
9 C135
6 C135
2
LAMP-PARK/TURN-LEFT FRONT
(8W-50-4)
(8W-52-3)
BOX OFF
BOX ON
BOX
EXCEPT BOX
EXCEPT ADD ON TRAILER TOW
ADD ON TRAILER TOW
S324
S327
V
W
X
TO C219
(8W-13-37)
TO C135
(8W-13-37)
TO C327 (DUAL REAR WHEELS)
(8W-13-37)
WIRES TAPED TOGETHER
LAMP-LICENSE-RIGHT
(8W-51-2)
LAMP-PARK/TURN-RIGHT FRONT
(8W-50-4)
(8W-52-3)
WIRING-TRAILER TOW 7-WAY
(8W-54-5)
WIRING-TRAILER TOW 4-WAY
(8W-54-5)
LAMP-LICENSE-LEFT
(8W-51-2)
LAMP-TAIL STOP/TURN-LEFT
(8W-51-5)


FROM C219 (8W-13-36)
V
L70 18 WT/GY
19 C219
L70 18 WT/GY
BASE
EXCEPT BASE
S241
L70 18 WT/GY
C206
L70 20 WT/GY
LAMP-CENTER BEZEL (8W-44-5)
1
L70 18 WT/GY
FROM S324 (8W-13-36)
X
L7 18 WT/YL
1 C327
L7 18 WT/YL
S342
L7 18 WT/YL
LAMP-FENDER-REAR LEFT (DUAL REAR WHEELS) (8W-51-4)
L7 18 WT/YL
LAMP-FENDER-FRONT LEFT (DUAL REAR WHEELS) (8W-51-4)
FROM C217 (8W-13-36)
W
L70 18 WT/GY
9 C135
L70 18 WT/GY
EXCEPT DUEL REAR WHEELS
DUEL REAR WHEELS
S326
L70 18 WT/GY
LAMP-TAIL STOP/ TURN-RIGHT (8W-51-6)
L70 18 WT/GY
1 C328
L70 18 WT/YL
S343
L70 18 WT/YL
LAMP-FENDER-REAR RIGHT (DUAL REAR WHEELS) (8W-51-4)
L70 18 WT/YL
LAMP-FENDER-FRONT RIGHT (DUAL REAR WHEELS) (8W-51-4)
S303
L70 20 WT/GY
LAMP-CLEARANCE NO. 1 (8W-50-6)
L70 20 WT/GY
LAMP-CLEARANCE NO. 2 (8W-50-6)
L70 20 WT/GY
LAMP-CLEARANCE NO. 3 (8W-50-6)
L70 20 WT/GY
LAMP-CLEARANCE NO. 4 (8W-50-6)
L70 20 WT/GY
LAMP-CLEARANCE NO. 5 (8W-50-6)
HD


BATT A0
(8W-13-13)
RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 16 10A
PTC NO. 1 7.5A
GAS
DIESEL
FUSE 17 20A
FUSE 39 20A
30
85
DIESEL
GAS
85
30
RELAY-CLUTCH-A/C COMPRESSOR
(8W-42-6)
RELAY-FUEL PUMP
(8W-30-3)
87A
87
86
86
87
87A
18 C5
11 C5
10 C4
6 C5
19 C7
7 C5
9 C7
7 C6
GAS
DIESEL
GAS
DIESEL
DIESEL
GAS
SRT
NGC
C3 20 DB/YL
C13 20 LB/OR
K31 18 BR
SRT
NGC
A109 16 OR/RD
C3 18 DB/YL
C3 20 DB/YL
F202 20 PK/GY
Z723 20 BK
K31 18 BR
K31 18 BR
K31 20 BR
23 C130
12 C130
1 C130
21 C130
32 C130
1 C135
C3 18 DB/BK
C13 18 LB/OR
TO S136
(8W-13-30)
K31 18 BR
A109 14 OR/RD
1 C112
41 C2
MODULE-ENGINE CONTROL
(8W-30-34)
4
MODULE-FUEL PUMP
(8W-30-3)
SRT
NGC
C13 18 LB/OR
C13 20 LB/OR
19
37 C3
MODULE-POWERTRAIN CONTROL
(8W-30-3)
1
11 C3
MODULE-POWERTRAIN CONTROL
(8W-30-14)
7 C2
MODULE-ENGINE CONTROL
(8W-30-32)
1
CLUTCH-A/C COMPRESSOR
(8W-42-6)
G104
(8W-15-7)
NGC
GAS
SRT
DIESEL

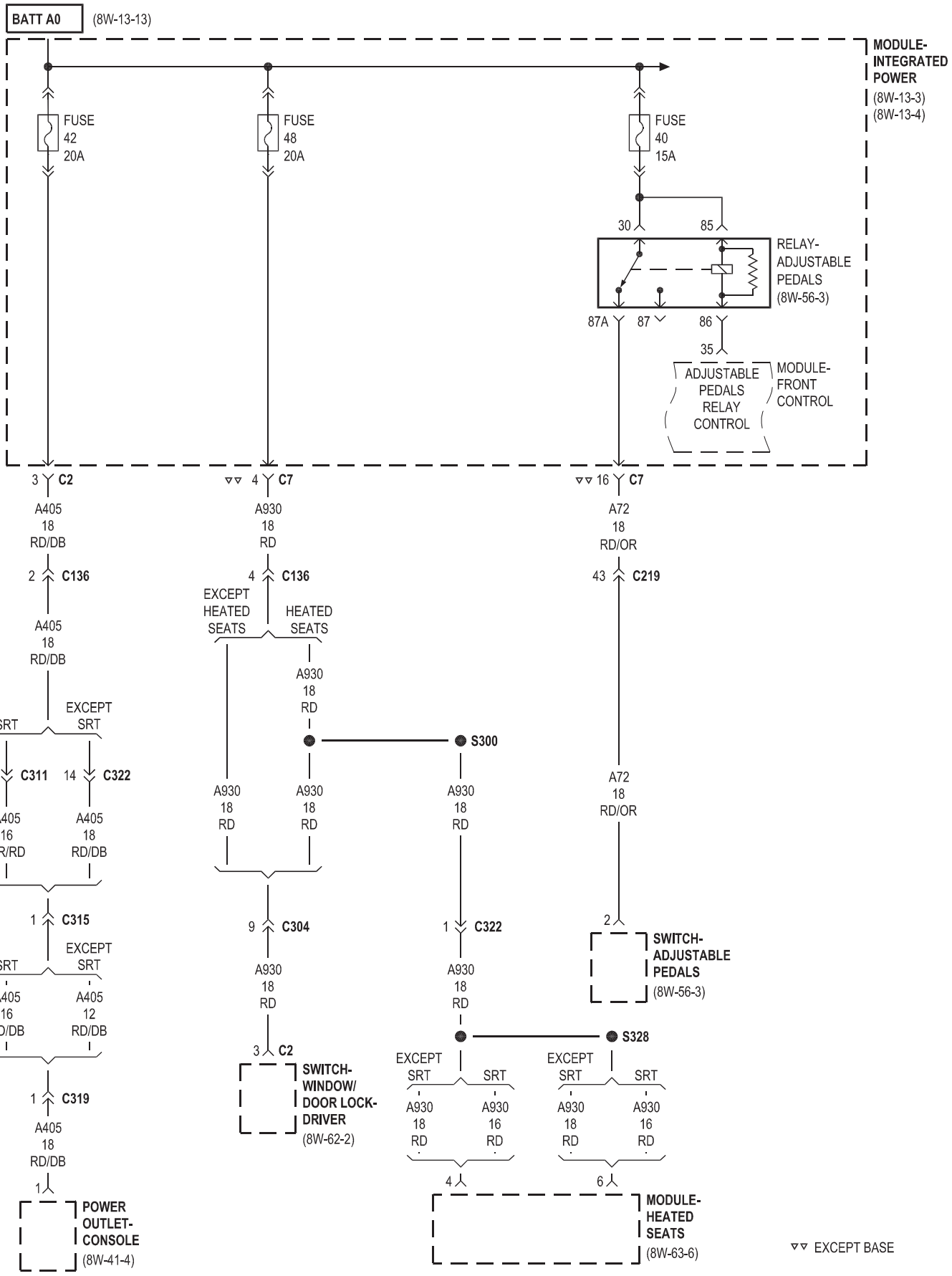

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 23 15A
FUSE 21 20A
FUSE 22 20A
FUSE 25 20A
FUSE 19 20A
13 C1
13 C2
12 C1
9 C2
7 C2
A919 20 RD
DIESEL
GAS
S110
EXCEPT SRT
SRT
A116 18 YL/RD
A116 16 YL/RD
A941 18 RD
A205 18 RD/OR
A205 16 RD/OR
A100 14 RD/VT
49
33
48 C219
12 C135
70 C219
A919 16 RD
A919 20 RD
BOX
EXCEPT BOX
A100 14 RD/VT
S240
S221
11 C130
A116 18 YL/RD
A116 12 YL/RD
4
WIRING-TRAILER TOW 7-WAY
(8W-54-2)
WIRES TAPED TOGETHER
1
POWER OUTLET-CONSOLE
(8W-41-3)
22
29 C1
MODULE-POWERTRAIN CONTROL
(8W-30-2)
2 C1
CLUSTER
(8W-40-2)
5 C201
6
MODULE-SENTRY KEY IMMOBILIZER (SKIM)
(8W-39-2)
13 C2
4 C2
AMPLIFIER-RADIO (PREMIUM)
(8W-47-5)
4
MODULE-ELECTRONIC OVERHEAD
(8W-49-2)
SRT
EXCEPT SRT
EXCEPT BASE
TRAILER TOW

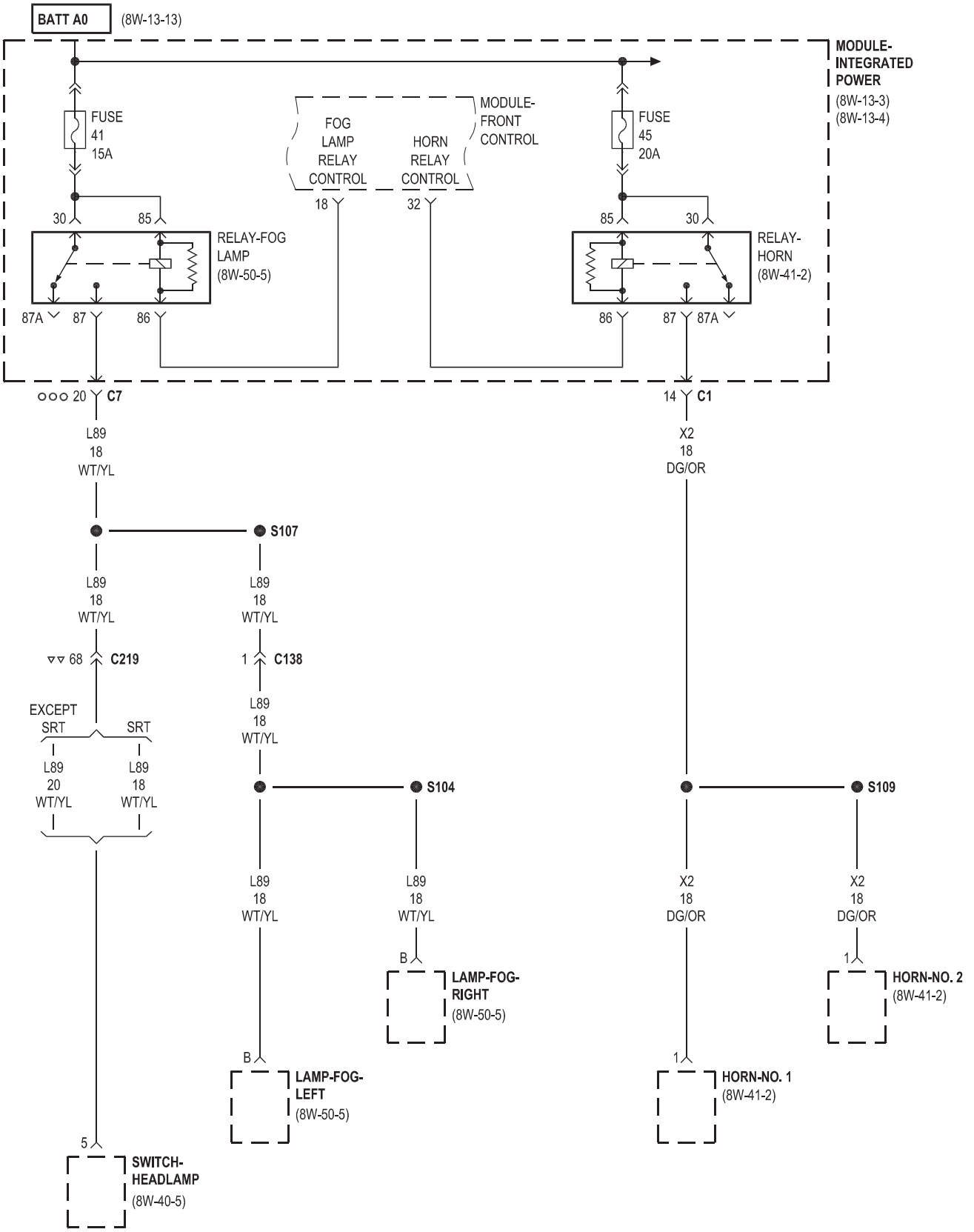

BATT A0
(8W-13-13)
RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
RUN F922
(8W-13-20)
(8W-13-25)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 43 25A
FUSE 53 15A
FUSE 26 25A
87A
87
86
RELAY-REAR WINDOW DEFOGGER
(8W-48-2)
30
85
2 C2
24 C5
17 C7
9 C5
F201 20 PK/OR
67 C219
F201 20 PK/OR
S222
F201 20 PK/OR
F201 20 PK/OR
4
SWITCH-PASSENGER AIRBAG ON/OFF
(8W-43-2)
C15 16 DB/WT
C110 20 DB/LB
S113
(8W-48-2)
C110 20 DB/LB
12 C136
1 C219
C15 16 BK
C110 20 DB/LB
15 C1
CONTROL-A/C-HEATER
(8W-42-3)
SRT
EXCEPT SRT
13 C220
EXCEPT SRT QUAD CAB
SRT QUAD CAB
OFF ROAD
ETC
F201 18 PK/OR
F201 20 PK/OR
EXCEPT SIDE AIRBAGS
SIDE AIRBAGS
1 C337
C15 16 DB/WT
A916 16 RD
A34 16 RD/WT
A34 16 RD/WT
11 C218
1 C133
17 C2
MODULE-OCCUPANT RESTRAINT CONTROLLER
(8W-43-2)
A916 16 RD
A34 16 RD/WT
B C3
MODULE-TRANSFER CASE CONTROL
(8W-31-15)
B
MODULE-FINAL DRIVE CONTROL
(8W-31-7)
1
BACKLITE-HEATED
(8W-48-2)
2
AMPLIFIER-SUBWOOFER
(8W-47-10)



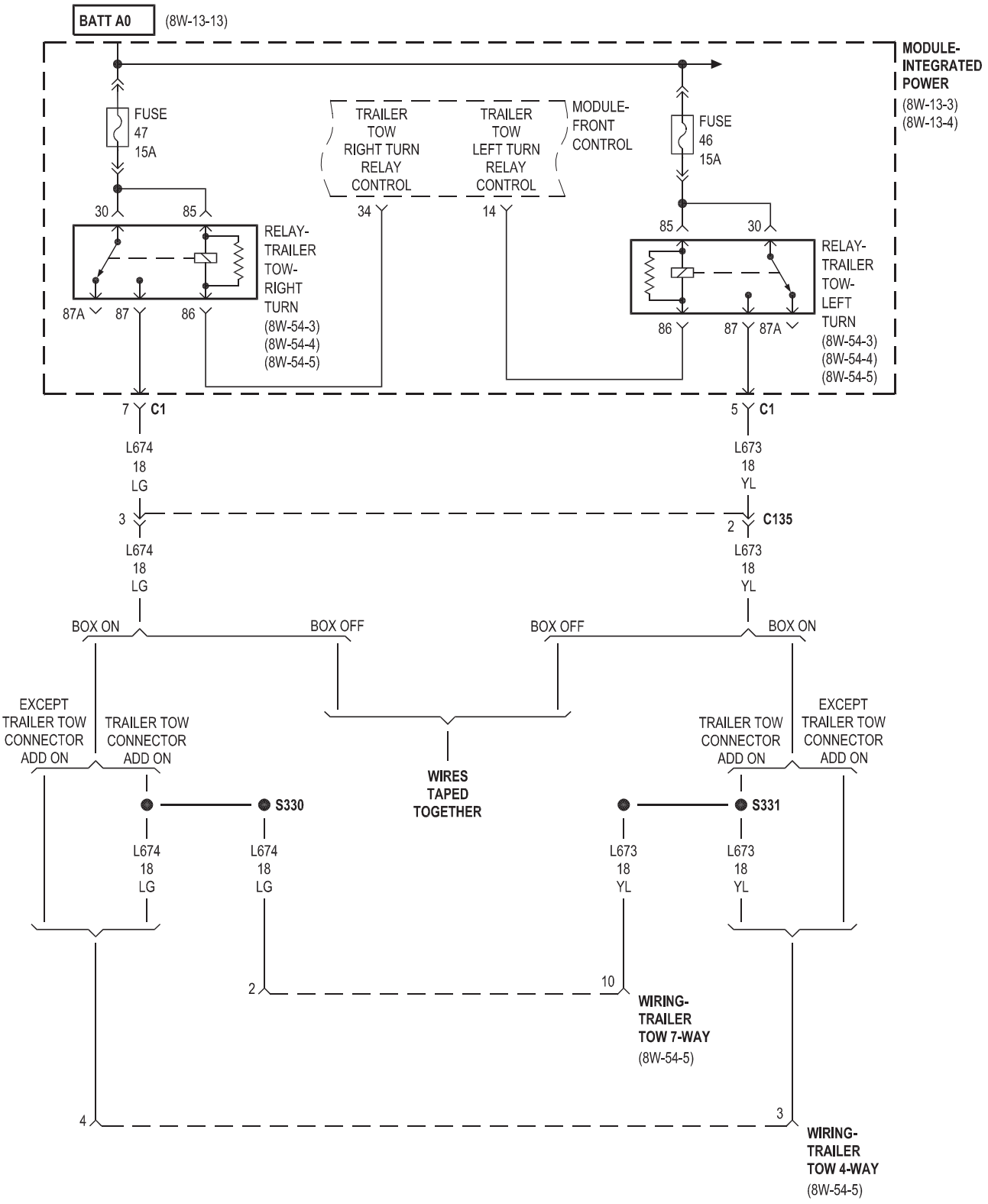
◪ 5.7L NV5600

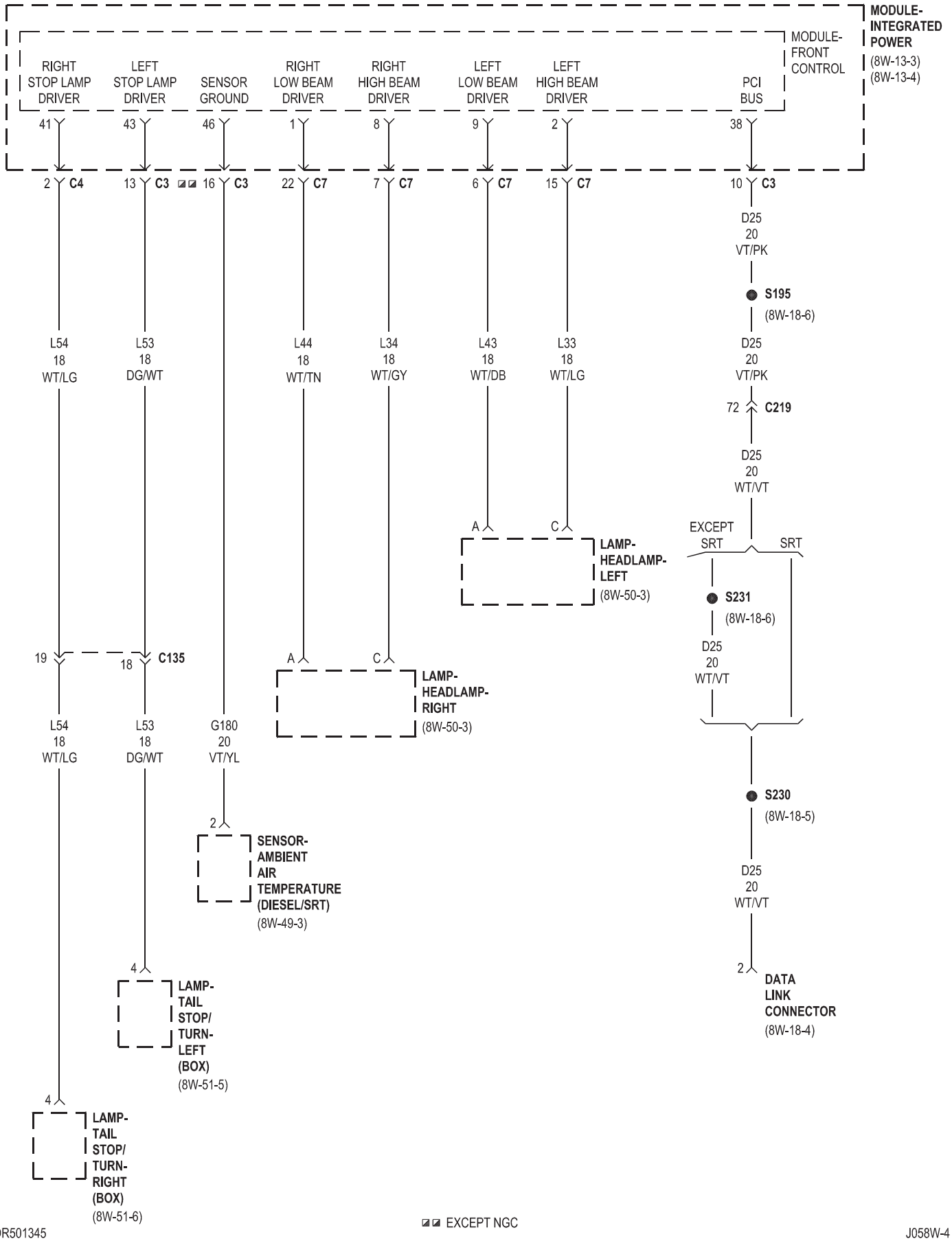
◪◪ EXCEPT 5.7L NV5600


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
42
20A
FUSE
48
20A
FUSE
40
15A
30
85
RELAY-
ADJUSTABLE
PEDALS
(8W-56-3)
87A
87
86
35
ADJUSTABLE
PEDALS
RELAY
CONTROL
MODULE-
FRONT
CONTROL
3 C2
▽▽ 4 C7
▽▽ 16 C7
A405
18
RD/DB
A930
18
RD
A72
18
RD/OR
2 C136
4 C136
43 C219
EXCEPT
HEATED
SEATS
HEATED
SEATS
SRT
EXCEPT
SRT
4 C311
14 C322
A405
16
OR/RD
A405
18
RD/DB
S300
A930
18
RD
A72
18
RD/OR
1 C315
9 C304
1 C322
2
SWITCH-
ADJUSTABLE
PEDALS
(8W-56-3)
A405
16
RD/DB
A405
12
RD/DB
3 C2
S328
SWITCH-
WINDOW/
DOOR LOCK-
DRIVER
(8W-62-2)
1 C319
A930
16
RD
4
6
1
POWER
OUTLET-
CONSOLE
(8W-41-4)
MODULE-
HEATED
SEATS
(8W-63-6)
▽▽ EXCEPT BASE

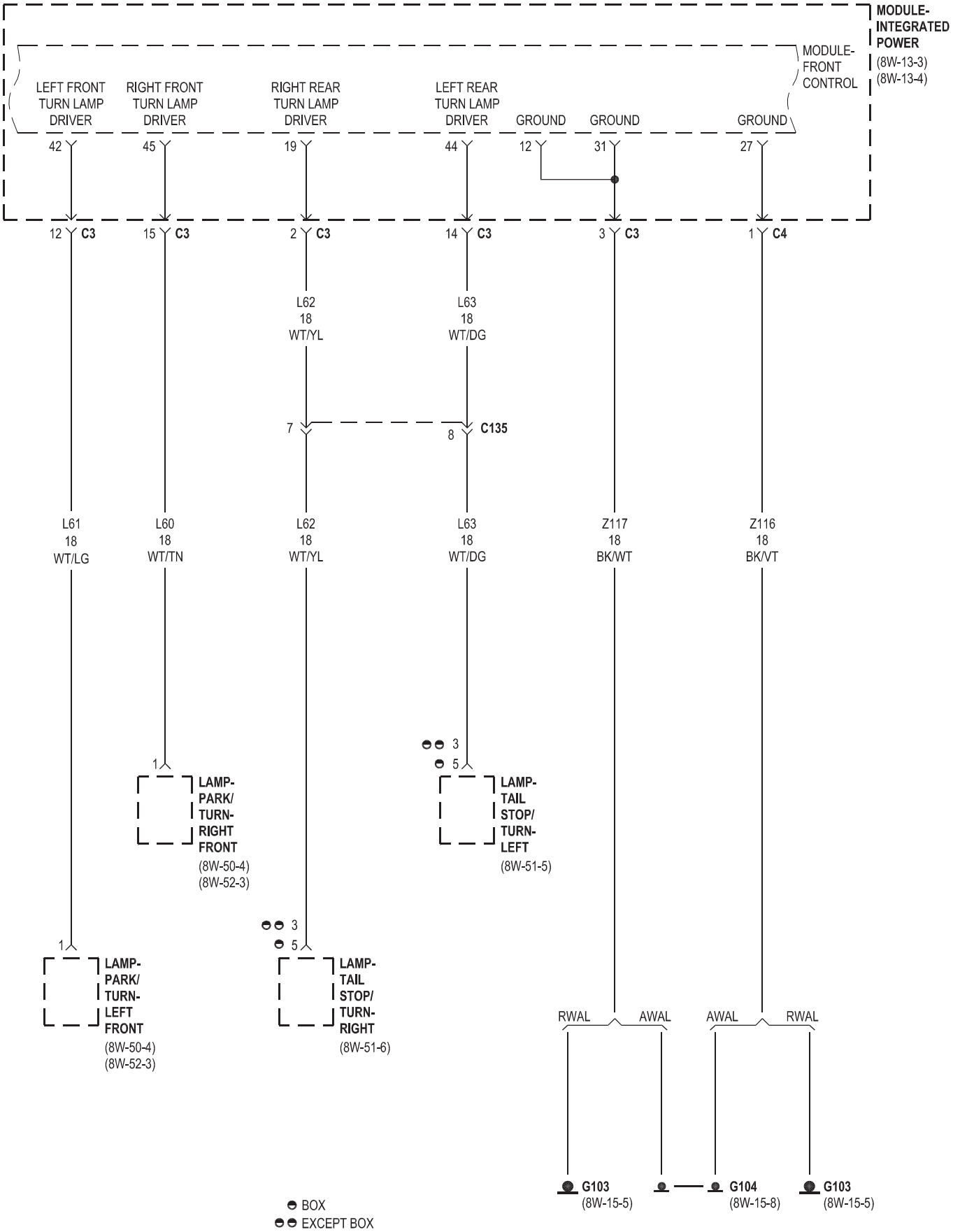


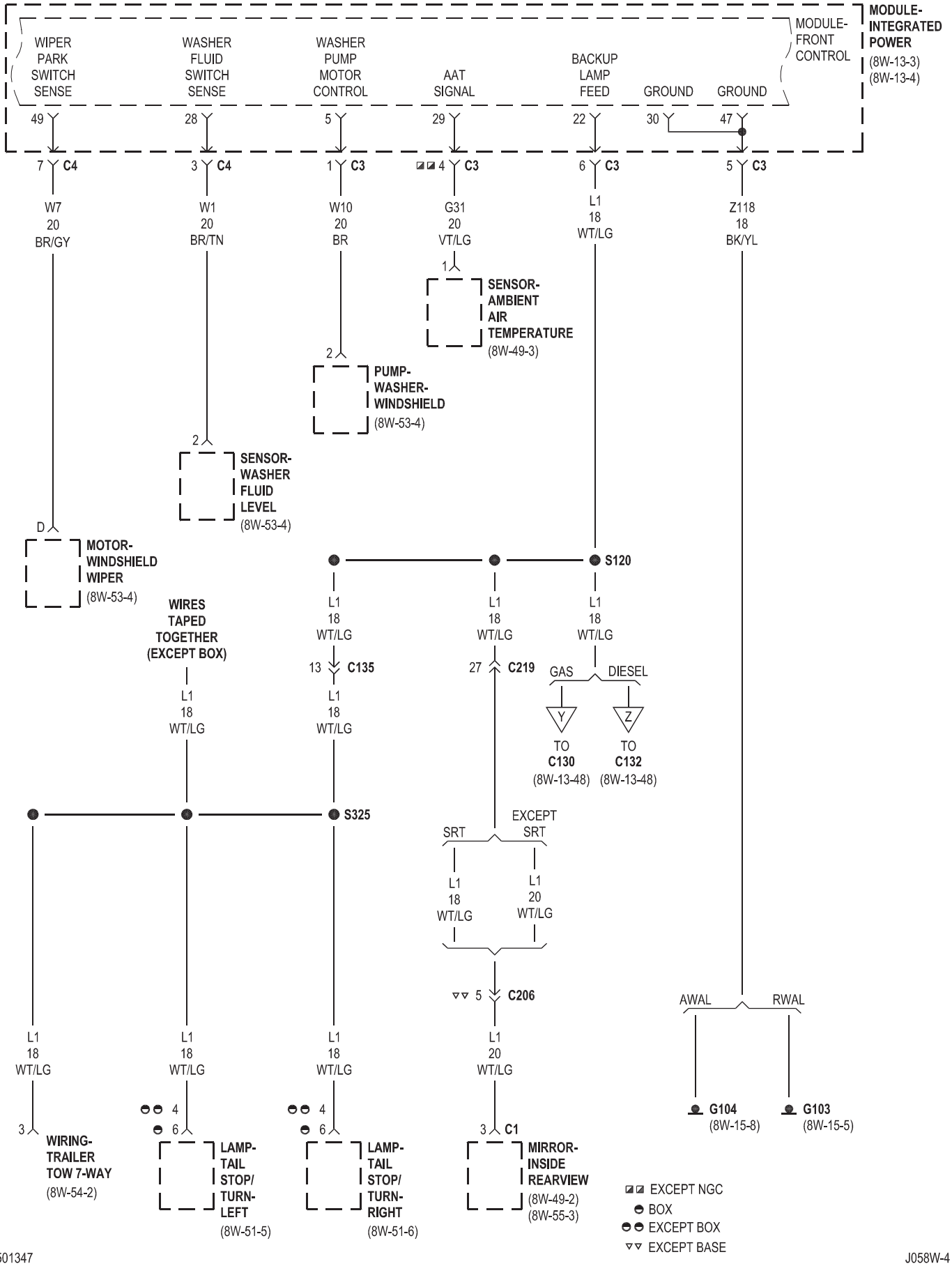
▽▽ EXCEPT BASE
○○○ FOG LAMPS


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
47
15A
FUSE
46
15A
TRAILER
TOW
RIGHT TURN
RELAY
CONTROL
TRAILER
TOW
LEFT TURN
RELAY
CONTROL
MODULE-
FRONT
CONTROL
30
85
87A
87
86
RELAY-
TRAILER
TOW-
RIGHT
TURN
(8W-54-3)
(8W-54-4)
(8W-54-5)
34
14
85
30
86
87
87A
RELAY-
TRAILER
TOW-
LEFT
TURN
(8W-54-3)
(8W-54-4)
(8W-54-5)
7
C1
5
C1
L674
18
LG
L673
18
YL
3
2
C135
L674
18
LG
L673
18
YL
BOX ON
BOX OFF
BOX OFF
BOX ON
EXCEPT
TRAILER TOW
CONNECTOR
ADD ON
TRAILER TOW
CONNECTOR
ADD ON
WIRES
TAPED
TOGETHER
TRAILER TOW
CONNECTOR
ADD ON
EXCEPT
TRAILER TOW
CONNECTOR
ADD ON
S330
S331
L674
18
LG
L674
18
LG
L673
18
YL
L673
18
YL
2
10
WIRING-
TRAILER
TOW 7-WAY
(8W-54-5)
4
3
WIRING-
TRAILER
TOW 4-WAY
(8W-54-5)


MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
RIGHT STOP LAMP DRIVER
LEFT STOP LAMP DRIVER
SENSOR GROUND
RIGHT LOW BEAM DRIVER
RIGHT HIGH BEAM DRIVER
LEFT LOW BEAM DRIVER
LEFT HIGH BEAM DRIVER
PCI BUS
41
43
46
1
8
9
2
38
2 C4
13 C3
16 C3
22 C7
7 C7
6 C7
15 C7
10 C3
D25
20
VT/PK
S195
(8W-18-6)
L54
18
WT/LG
L53
18
DG/WT
L44
18
WT/TN
L34
18
WT/GY
L43
18
WT/DB
L33
18
WT/LG
72 C219
D25
20
WT/VT
A
C
LAMP-HEADLAMP-LEFT
(8W-50-3)
EXCEPT SRT
SRT
S231
(8W-18-6)
19
18 C135
A
C
LAMP-HEADLAMP-RIGHT
(8W-50-3)
L54
18
WT/LG
L53
18
DG/WT
G180
20
VT/YL
S230
(8W-18-5)
2
SENSOR-AMBIENT AIR TEMPERATURE (DIESEL/SRT)
(8W-49-3)
4
LAMP-TAIL STOP/TURN-LEFT (BOX)
(8W-51-5)
4
LAMP-TAIL STOP/TURN-RIGHT (BOX)
(8W-51-6)
2
DATA LINK CONNECTOR
(8W-18-4)

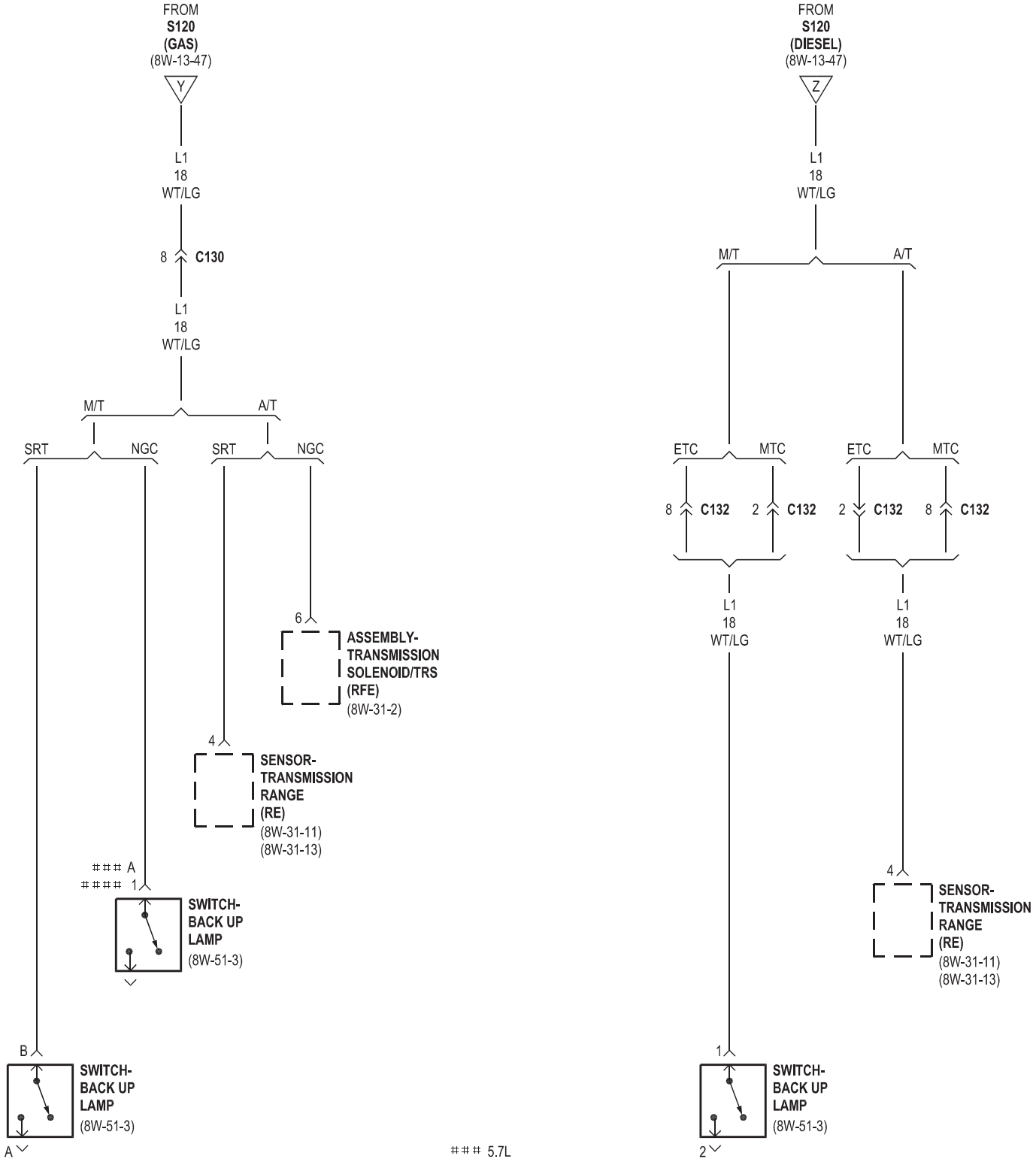
◪◪ EXCEPT NGC


MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
LEFT FRONT TURN LAMP DRIVER
RIGHT FRONT TURN LAMP DRIVER
RIGHT REAR TURN LAMP DRIVER
LEFT REAR TURN LAMP DRIVER
GROUND
GROUND
GROUND
42
45
19
44
12
31
27
12 C3
15 C3
2 C3
14 C3
3 C3
1 C4
L62 18 WT/YL
L63 18 WT/DG
7
8 C135
L61 18 WT/LG
L60 18 WT/TN
L62 18 WT/YL
L63 18 WT/DG
Z117 18 BK/WT
Z116 18 BK/VT
1
LAMP-PARK/TURN-RIGHT FRONT
(8W-50-4)
(8W-52-3)
3
5
LAMP-TAIL STOP/TURN-LEFT
(8W-51-5)
1
LAMP-PARK/TURN-LEFT FRONT
(8W-50-4)
(8W-52-3)
3
5
LAMP-TAIL STOP/TURN-RIGHT
(8W-51-6)
RWAL
AWAL
AWAL
RWAL
G103
(8W-15-5)
G104
(8W-15-8)
G103
(8W-15-5)
BOX
EXCEPT BOX



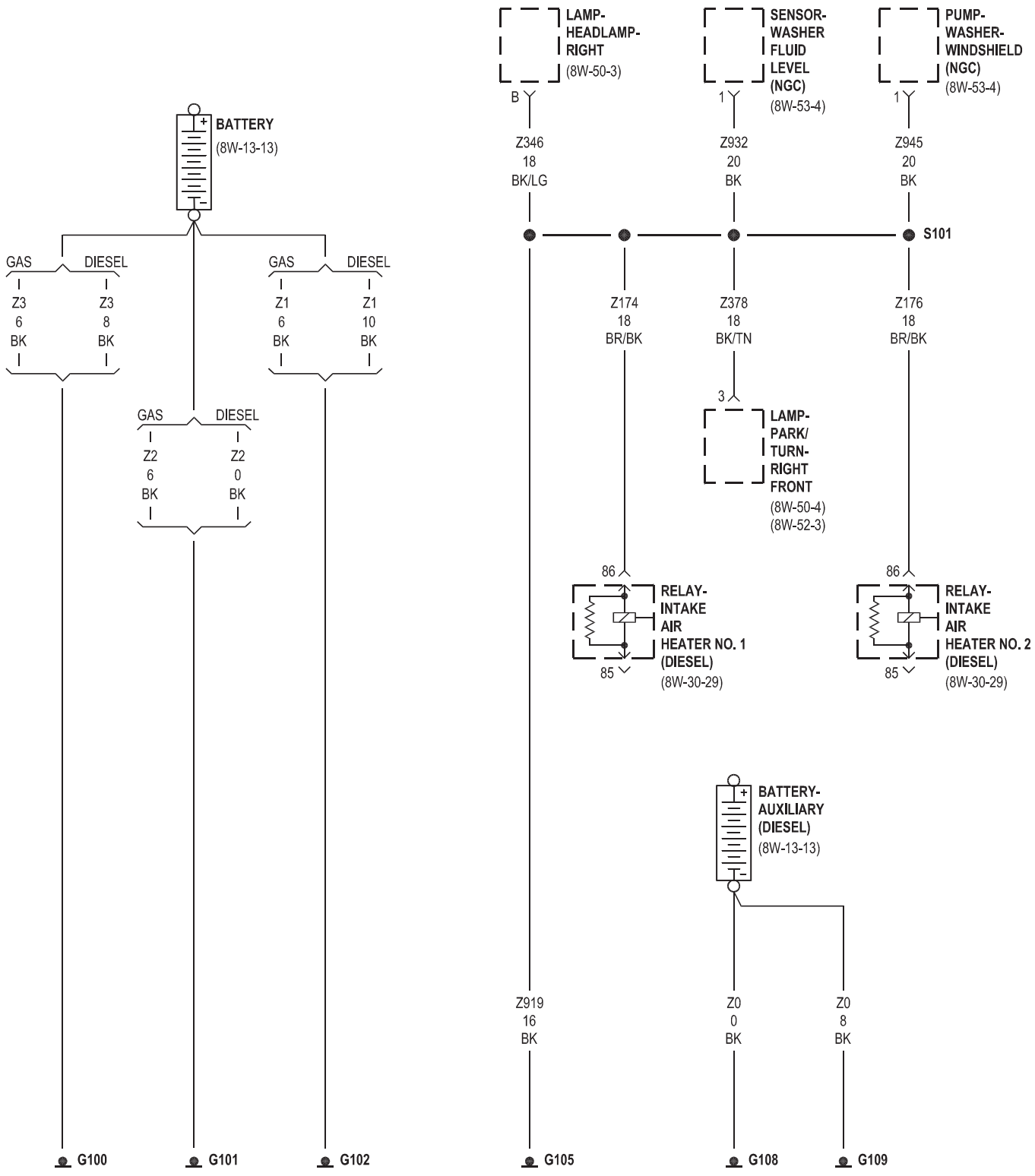
DR501347

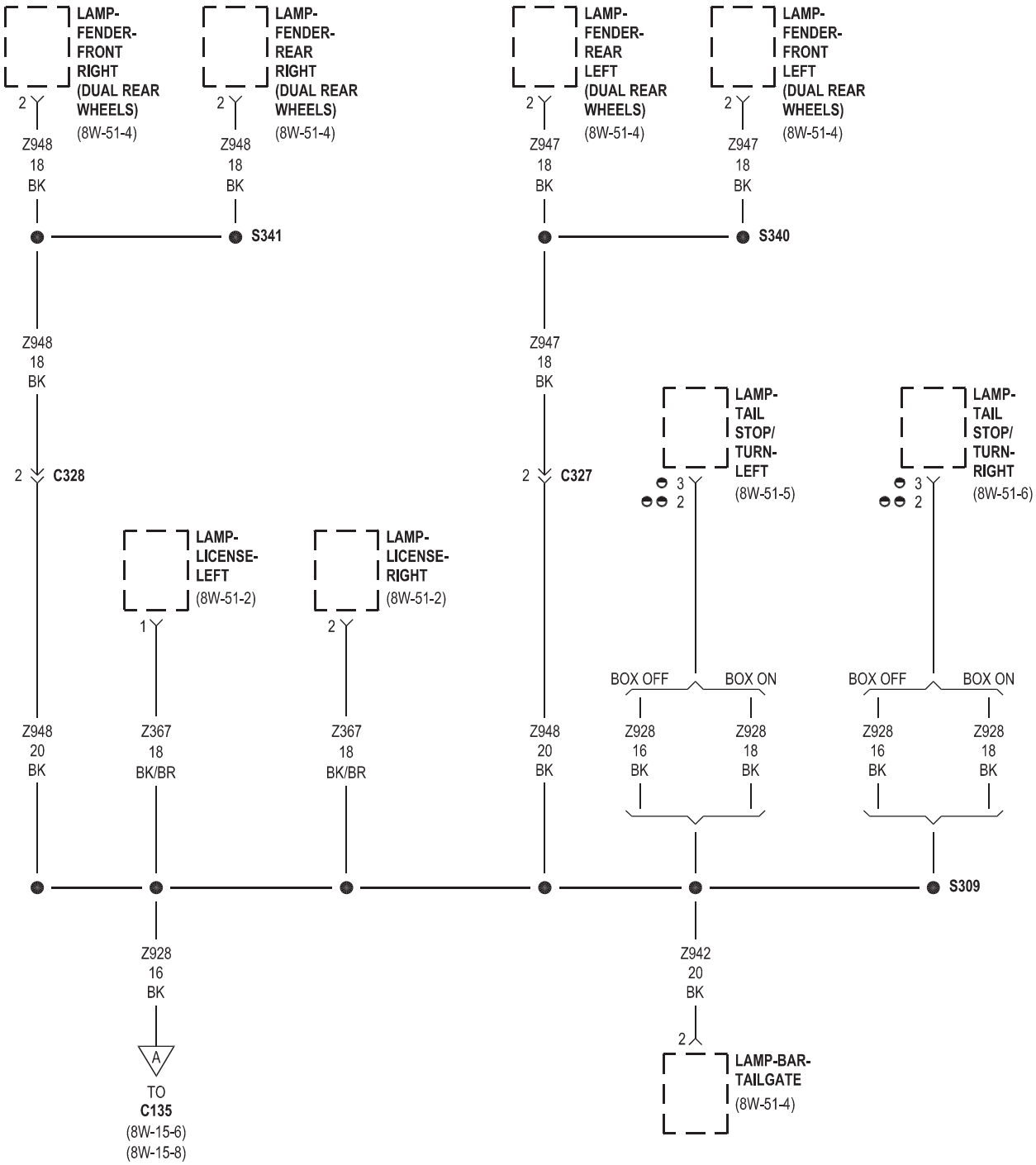
J058W-4


FROM
S120
(GAS)
(8W-13-47)
Y
L1
18
WT/LG
8 C130
L1
18
WT/LG
M/T
A/T
SRT
NGC
SRT
NGC
6
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
(8W-31-2)
4
SENSOR-
TRANSMISSION
RANGE
(RE)
(8W-31-11)
(8W-31-13)
A
1
SWITCH-
BACK UP
LAMP
(8W-51-3)
B
SWITCH-
BACK UP
LAMP
(8W-51-3)
A
FROM
S120
(DIESEL)
(8W-13-47)
Z
L1
18
WT/LG
M/T
A/T
ETC
MTC
ETC
MTC
8 C132
2 C132
2 C132
8 C132
L1
18
WT/LG
L1
18
WT/LG
4
SENSOR-
TRANSMISSION
RANGE
(RE)
(8W-31-11)
(8W-31-13)
1
SWITCH-
BACK UP
LAMP
(8W-51-3)
2
5.7L
3.7L/4.7L

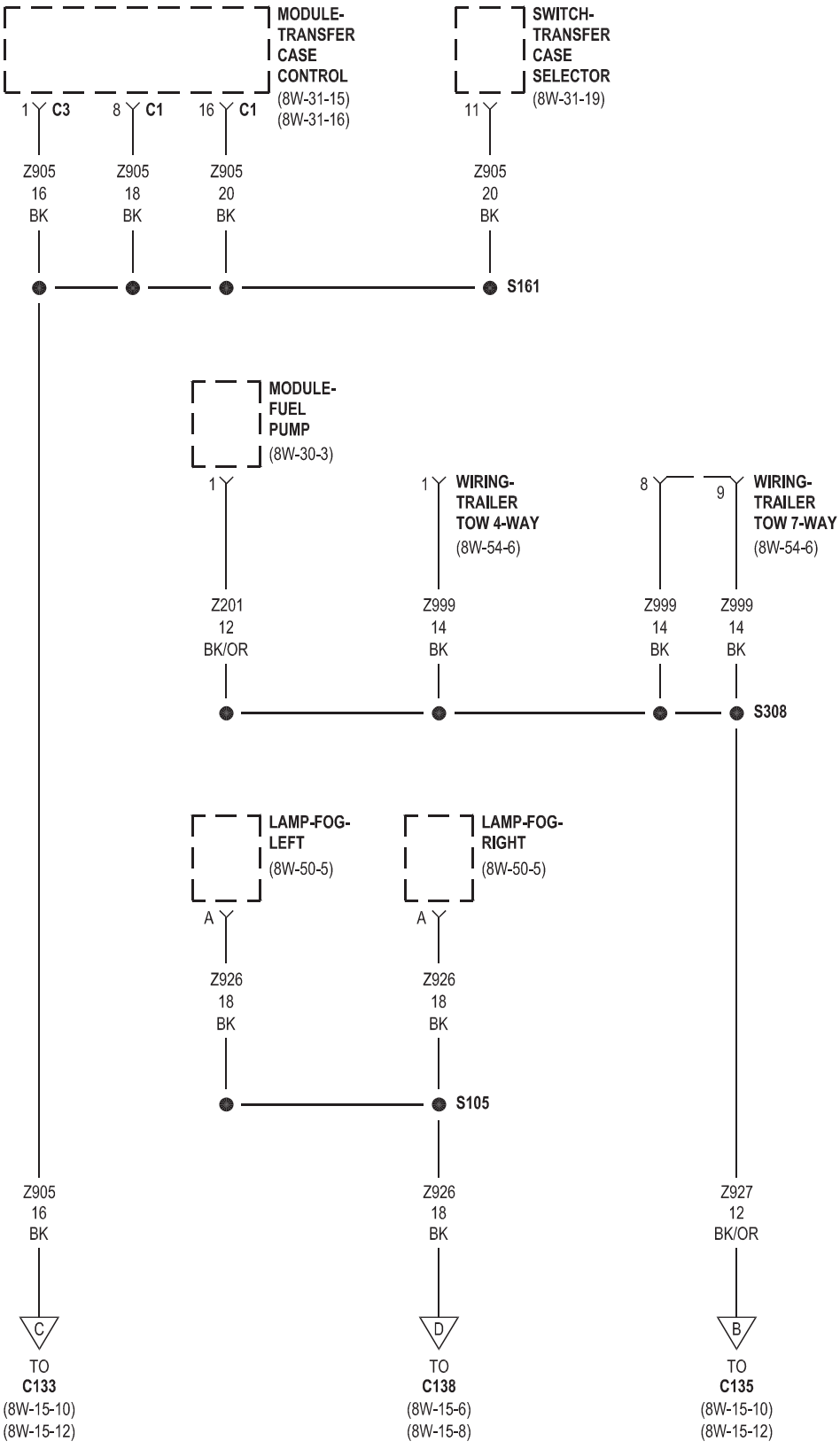
8W-15 GROUND DISTRIBUTION

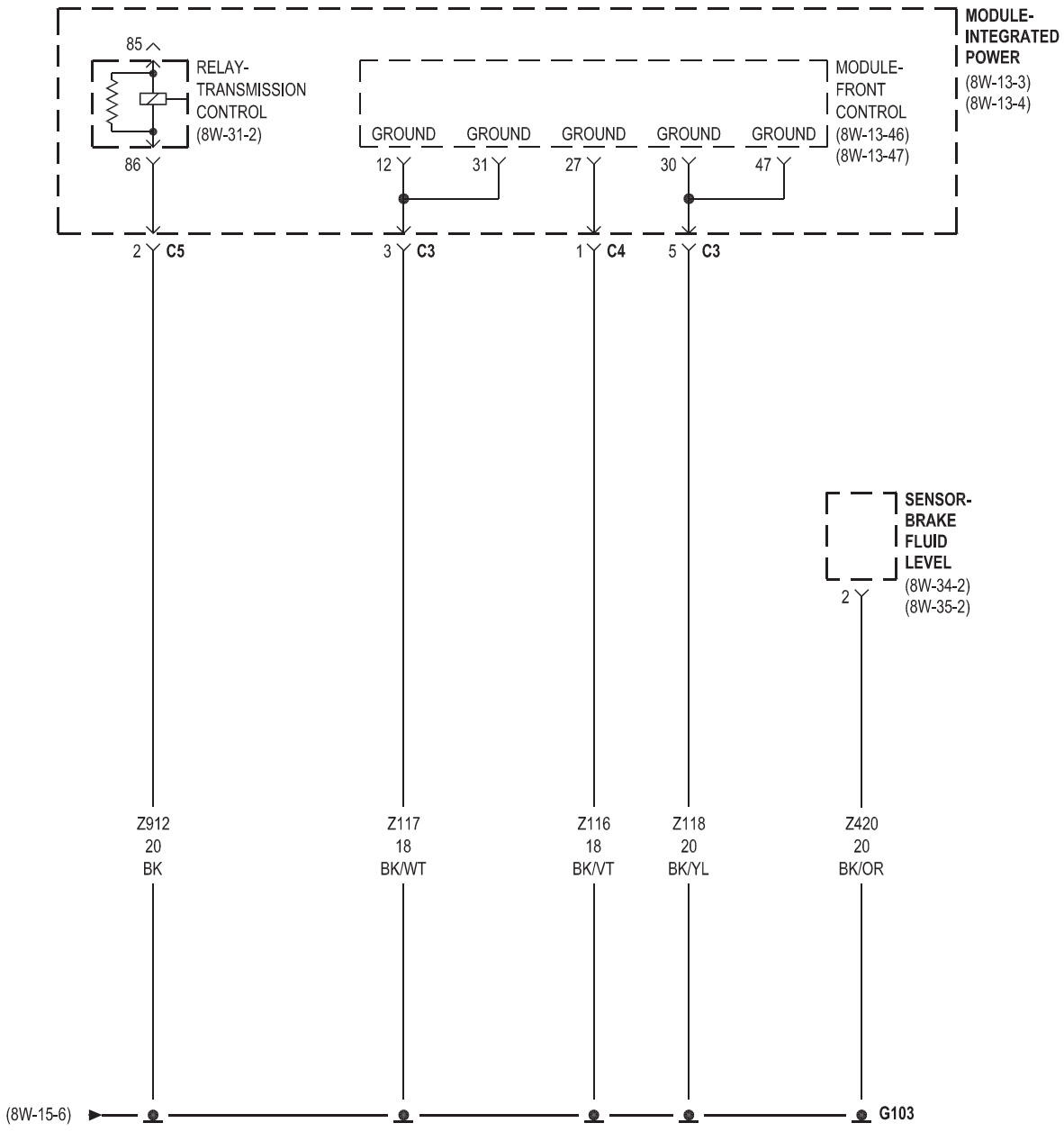
Component	Page
Amplifier-Radio	8W-15-19
Amplifier-Subwoofer	8W-15-23
Assembly-EGR Valve	8W-15-13
Assembly-Natural Vacuum Leak Detection	8W-15-14
Backlite-Heated	8W-15-25
Battery	8W-15-2
Battery-Auxiliary	8W-15-2
Clockspring	8W-15-18
Cluster	8W-15-18, 20
Clutch-A/C Compressor	8W-15-13, 15, 16
Control-A/C-Heater	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
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

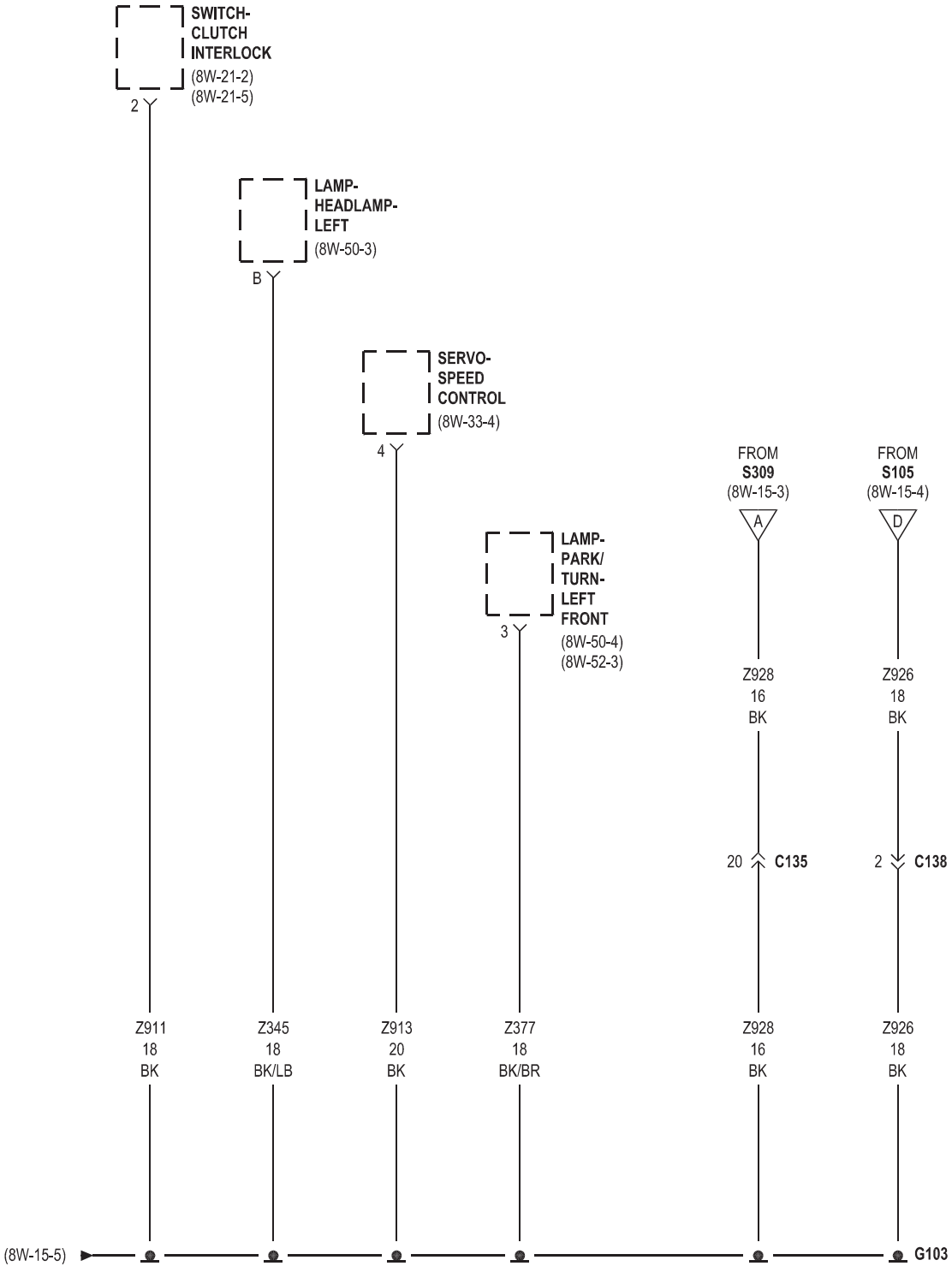

BATTERY
(8W-13-13)
GAS
DIESEL
Z3
6
BK
Z3
8
BK
GAS
DIESEL
Z1
6
BK
Z1
10
BK
GAS
DIESEL
Z2
6
BK
Z2
0
BK
G100
G101
G102
LAMP-
HEADLAMP-
RIGHT
(8W-50-3)
B
Z346
18
BK/LG
SENSOR-
WASHER
FLUID
LEVEL
(NGC)
(8W-53-4)
1
Z932
20
BK
PUMP-
WASHER-
WINDSHIELD
(NGC)
(8W-53-4)
1
Z945
20
BK
S101
Z174
18
BR/BK
Z378
18
BK/TN
Z176
18
BR/BK
3
LAMP-
PARK/
TURN-
RIGHT
FRONT
(8W-50-4)
(8W-52-3)
86
RELAY-
INTAKE
AIR
HEATER NO. 1
(DIESEL)
(8W-30-29)
85
86
RELAY-
INTAKE
AIR
HEATER NO. 2
(DIESEL)
(8W-30-29)
85
BATTERY-
AUXILIARY
(DIESEL)
(8W-13-13)
Z919
16
BK
Z0
0
BK
Z0
8
BK
G105
G108
G109

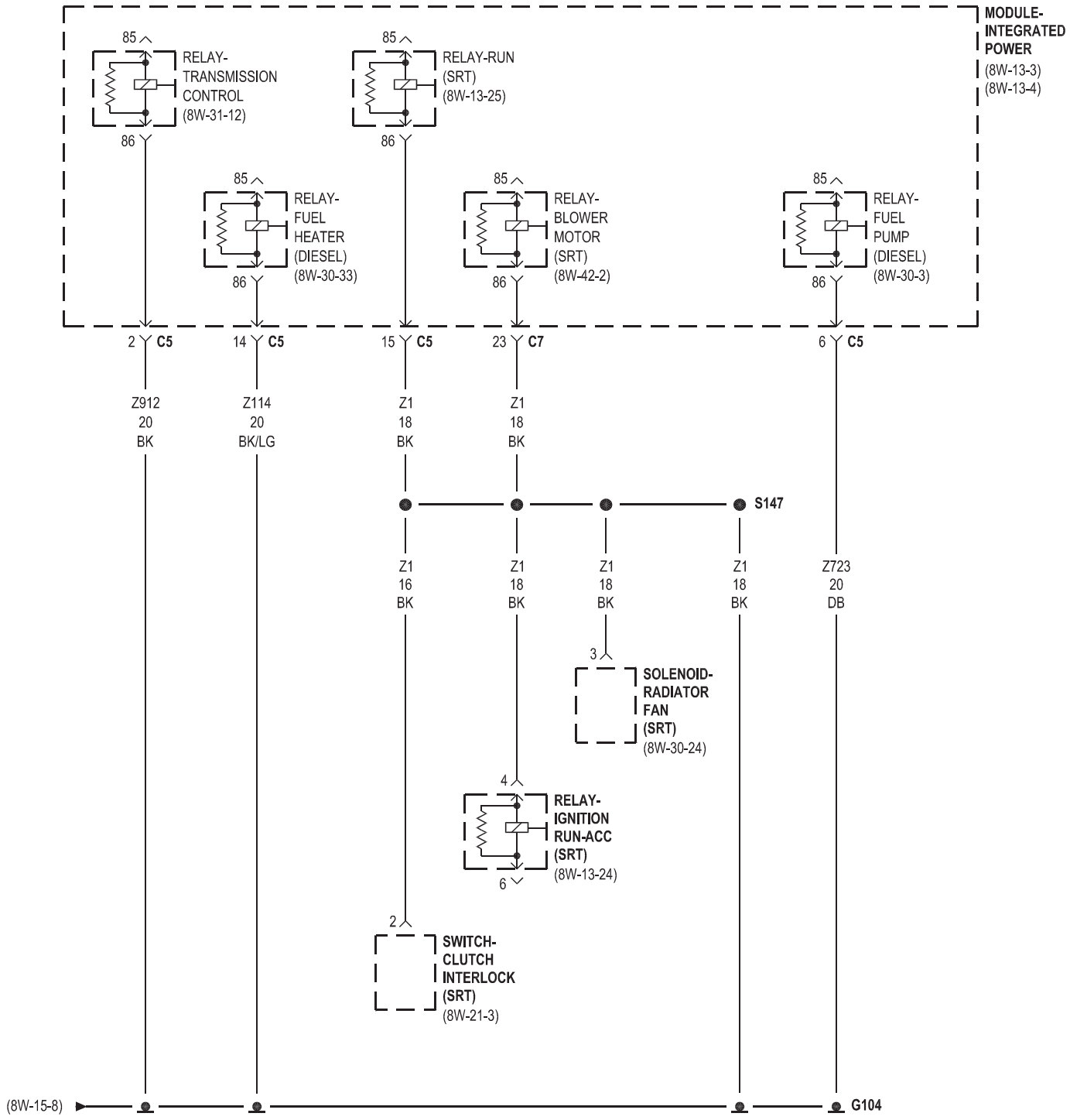


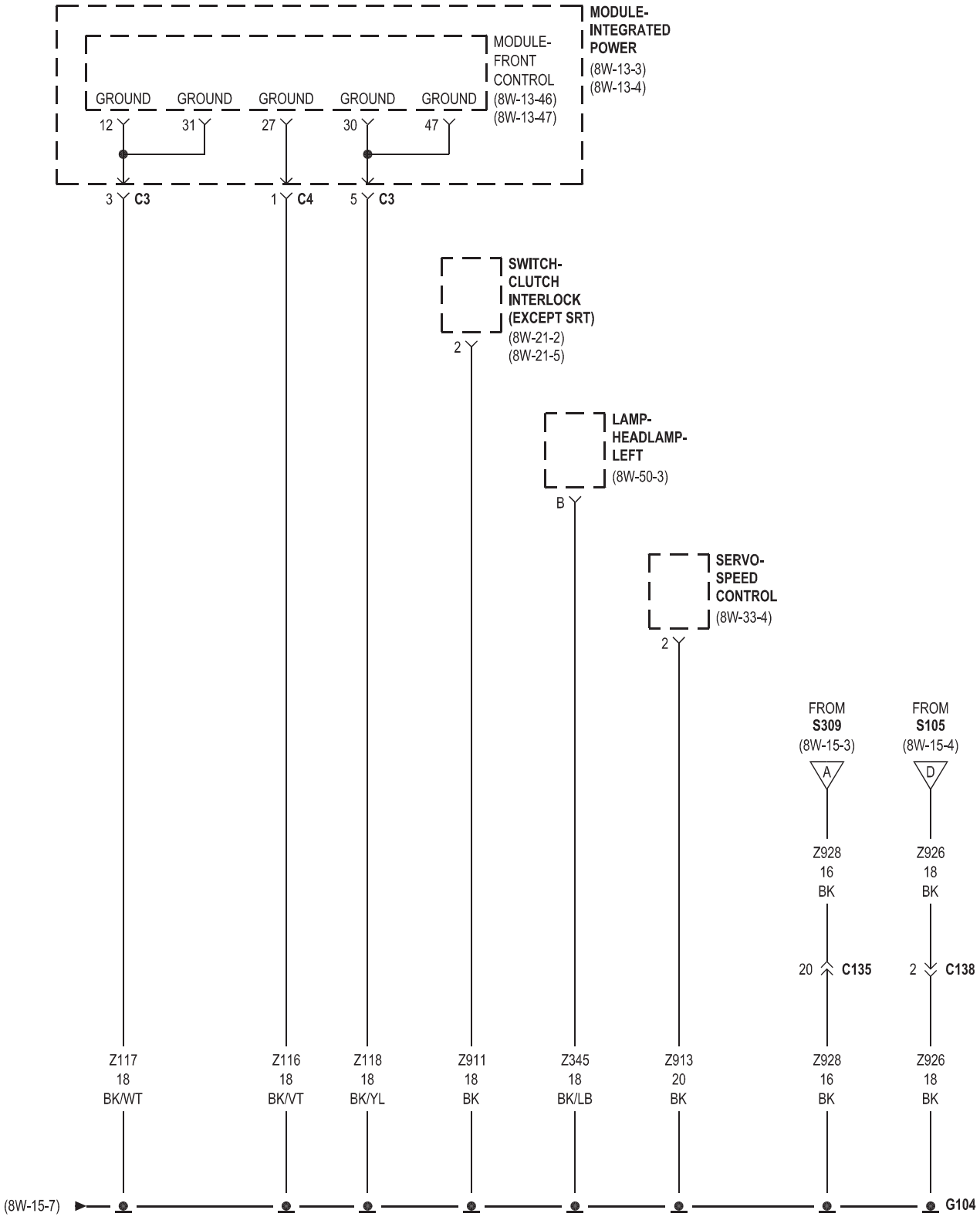
BOX
EXCEPT BOX

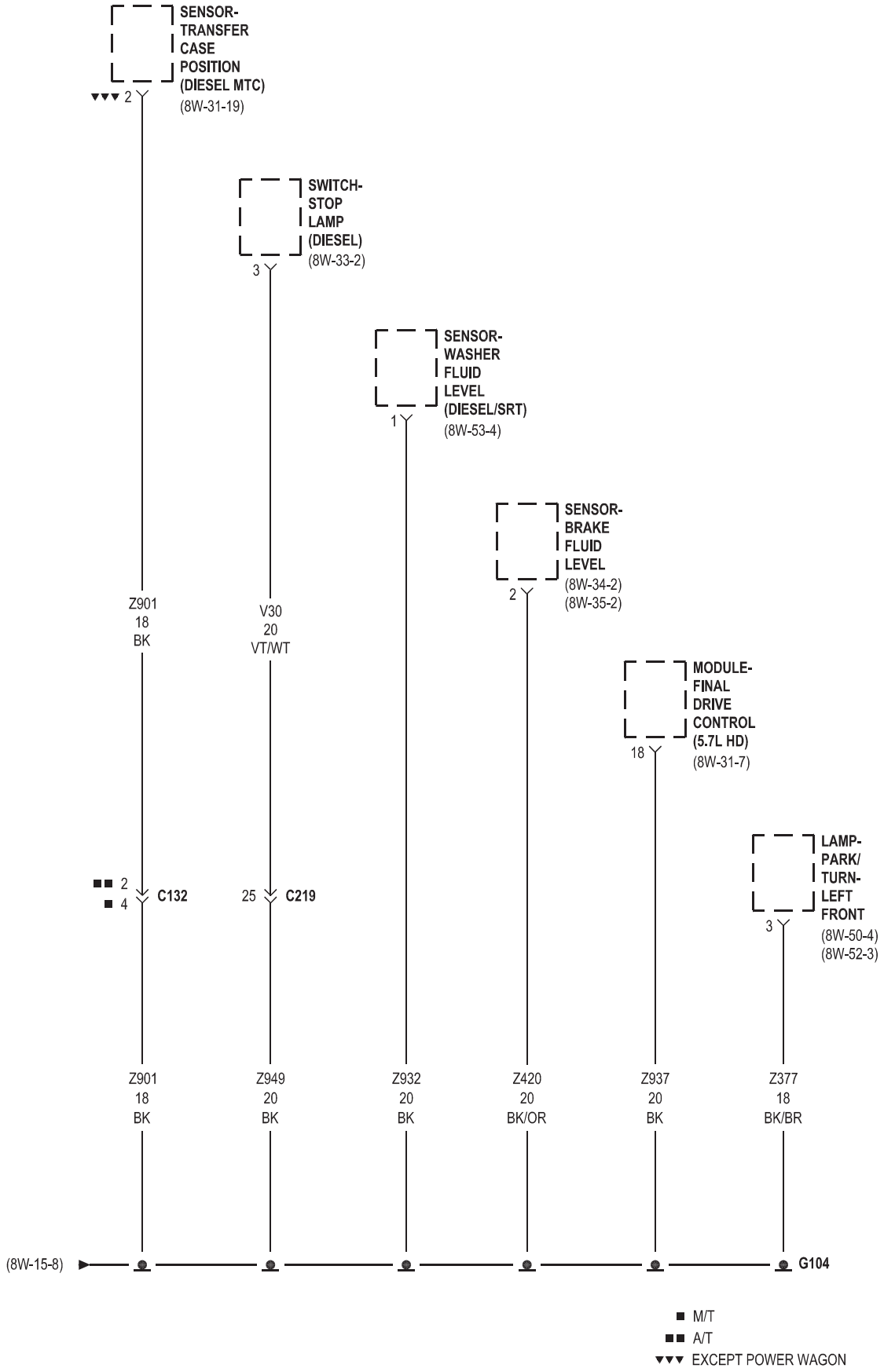

MODULE-
TRANSFER
CASE
CONTROL
(8W-31-15)
(8W-31-16)
SWITCH-
TRANSFER
CASE
SELECTOR
(8W-31-19)
1 C3
8 C1
16 C1
11
Z905
16
BK
Z905
18
BK
Z905
20
BK
Z905
20
BK
S161
MODULE-
FUEL
PUMP
(8W-30-3)
1
1
WIRING-
TRAILER
TOW 4-WAY
(8W-54-6)
8
9
WIRING-
TRAILER
TOW 7-WAY
(8W-54-6)
Z201
12
BK/OR
Z999
14
BK
Z999
14
BK
Z999
14
BK
S308
LAMP-FOG-
LEFT
(8W-50-5)
LAMP-FOG-
RIGHT
(8W-50-5)
A
A
Z926
18
BK
Z926
18
BK
S105
Z905
16
BK
Z926
18
BK
Z927
12
BK/OR
C
D
B
TO
C133
(8W-15-10)
(8W-15-12)
TO
C138
(8W-15-6)
(8W-15-8)
TO
C135
(8W-15-10)
(8W-15-12)

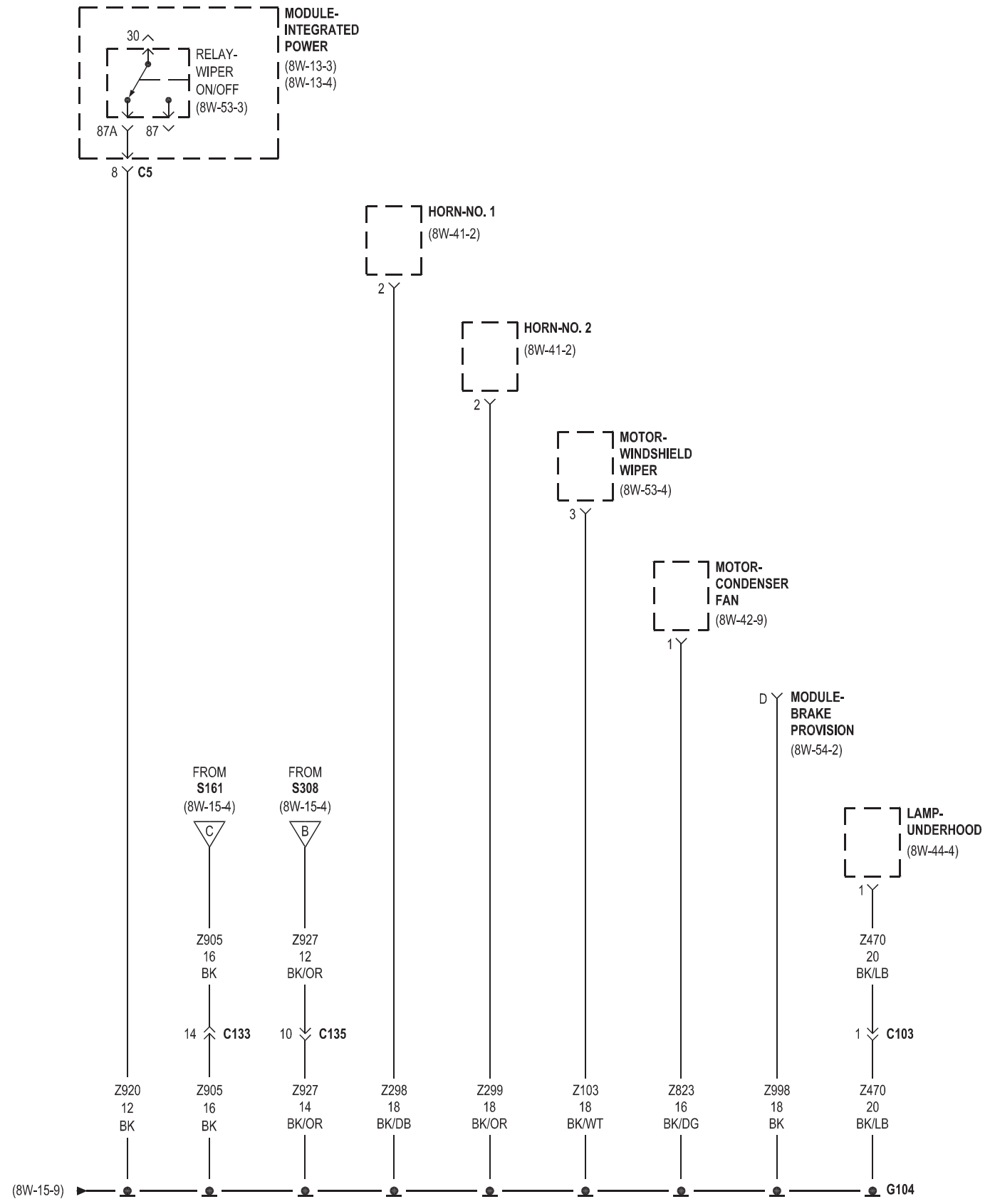

MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
85
RELAY-
TRANSMISSION
CONTROL
(8W-31-2)
86
MODULE-
FRONT
CONTROL
(8W-13-46)
(8W-13-47)
GROUND
GROUND
GROUND
GROUND
GROUND
12
31
27
30
47
2 C5
3 C3
1 C4
5 C3
SENSOR-
BRAKE
FLUID
LEVEL
(8W-34-2)
(8W-35-2)
2
Z912
20
BK
Z117
18
BK/WT
Z116
18
BK/VT
Z118
20
BK/YL
Z420
20
BK/OR
(8W-15-6)
G103

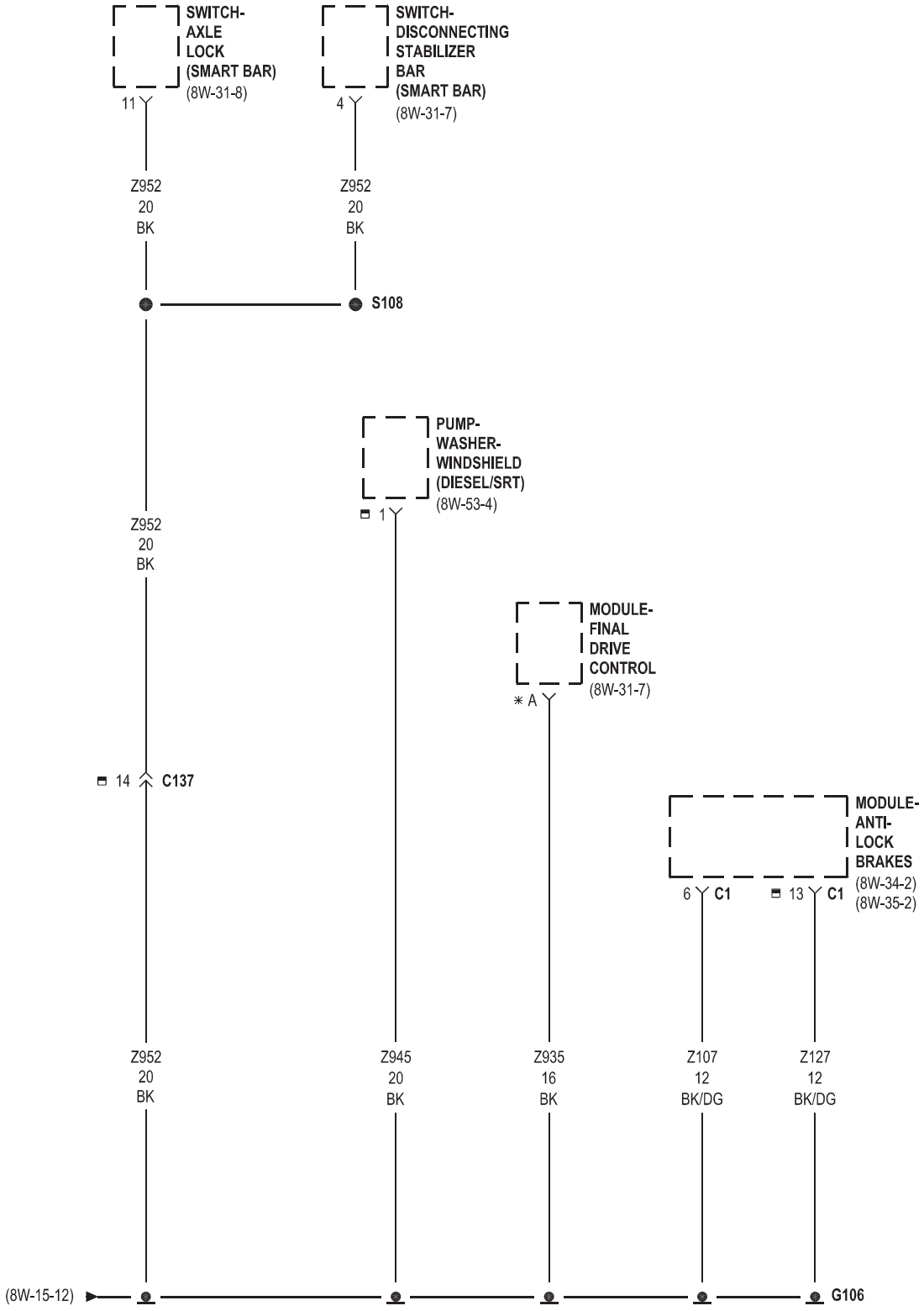

SWITCH-
CLUTCH
INTERLOCK
(8W-21-2)
(8W-21-5)
2
LAMP-
HEADLAMP-
LEFT
(8W-50-3)
B
SERVO-
SPEED
CONTROL
(8W-33-4)
4
LAMP-
PARK/
TURN-
LEFT
FRONT
(8W-50-4)
(8W-52-3)
3
FROM
S309
(8W-15-3)
A
FROM
S105
(8W-15-4)
D
Z928
16
BK
Z926
18
BK
20 C135
2 C138
Z911
18
BK
Z345
18
BK/LB
Z913
20
BK
Z377
18
BK/BR
Z928
16
BK
Z926
18
BK
(8W-15-5)
G103


MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
85
RELAY-
TRANSMISSION
CONTROL
(8W-31-12)
86
85
RELAY-RUN
(SRT)
(8W-13-25)
86
85
RELAY-
FUEL
HEATER
(DIESEL)
(8W-30-33)
86
85
RELAY-
BLOWER
MOTOR
(SRT)
(8W-42-2)
86
85
RELAY-
FUEL
PUMP
(DIESEL)
(8W-30-3)
86
2 C5
14 C5
15 C5
23 C7
6 C5
Z912
20
BK
Z114
20
BK/LG
Z1
18
BK
Z1
18
BK
S147
Z1
16
BK
Z1
18
BK
Z1
18
BK
Z1
18
BK
Z723
20
DB
3
SOLENOID-
RADIATOR
FAN
(SRT)
(8W-30-24)
4
RELAY-
IGNITION
RUN-ACC
(SRT)
(8W-13-24)
6
2
SWITCH-
CLUTCH
INTERLOCK
(SRT)
(8W-21-3)
(8W-15-8)
G104

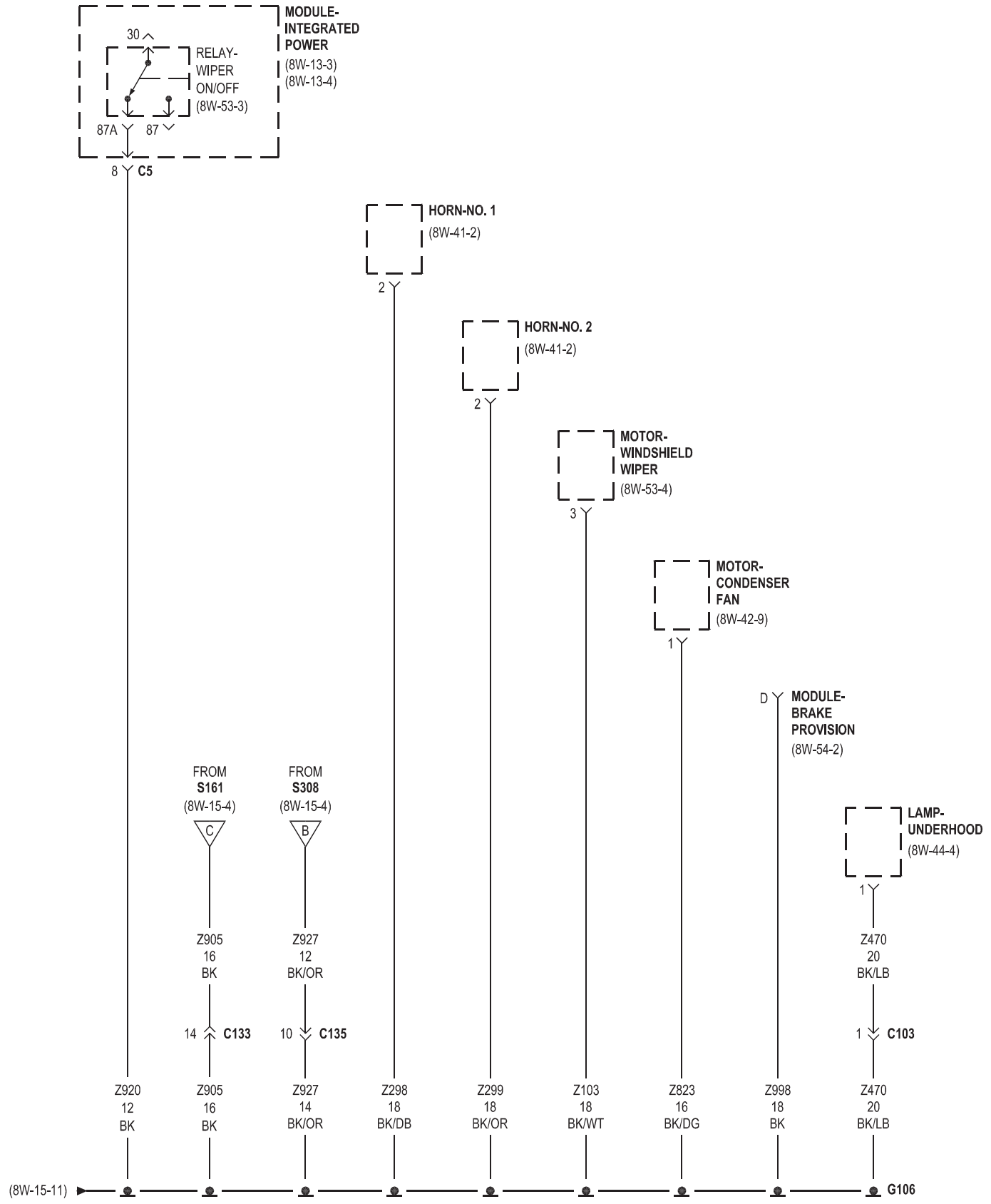

MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-46)
(8W-13-47)
GROUND
GROUND
GROUND
GROUND
GROUND
12
31
27
30
47
3 C3
1 C4
5 C3
SWITCH-CLUTCH INTERLOCK (EXCEPT SRT)
(8W-21-2)
(8W-21-5)
2
LAMP-HEADLAMP-LEFT
(8W-50-3)
B
SERVO-SPEED CONTROL
(8W-33-4)
2
FROM S309
(8W-15-3)
A
FROM S105
(8W-15-4)
D
Z928 16 BK
Z926 18 BK
20 C135
2 C138
Z117 18 BK/WT
Z116 18 BK/VT
Z118 18 BK/YL
Z911 18 BK
Z345 18 BK/LB
Z913 20 BK
Z928 16 BK
Z926 18 BK
(8W-15-7)
G104

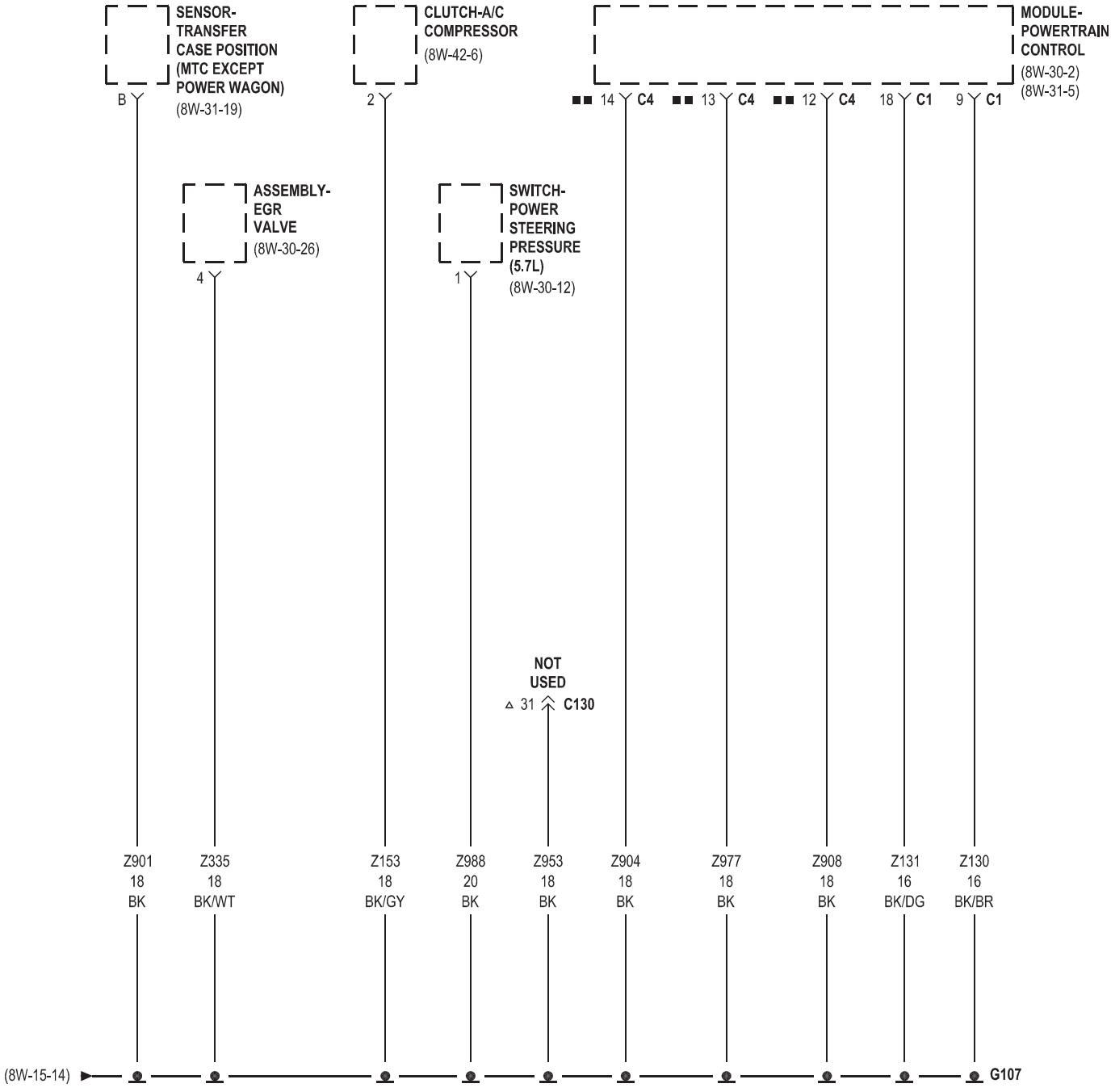

SENSOR-
TRANSFER
CASE
POSITION
(DIESEL MTC)
(8W-31-19)
▼▼▼ 2
SWITCH-
STOP
LAMP
(DIESEL)
(8W-33-2)
3
SENSOR-
WASHER
FLUID
LEVEL
(DIESEL/SRT)
(8W-53-4)
1
SENSOR-
BRAKE
FLUID
LEVEL
(8W-34-2)
(8W-35-2)
2
MODULE-
FINAL
DRIVE
CONTROL
(5.7L HD)
(8W-31-7)
18
LAMP-
PARK/
TURN-
LEFT
FRONT
(8W-50-4)
(8W-52-3)
3
Z901
18
BK
V30
20
VT/WT
■■ 2
■ 4
C132
25
C219
Z901
18
BK
Z949
20
BK
Z932
20
BK
Z420
20
BK/OR
Z937
20
BK
Z377
18
BK/BR
(8W-15-8)
G104
■ M/T
■■ A/T
▼▼▼ EXCEPT POWER WAGON


MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
30
RELAY-
WIPER
ON/OFF
(8W-53-3)
87A
87
8
C5
HORN-NO. 1
(8W-41-2)
2
HORN-NO. 2
(8W-41-2)
2
MOTOR-
WINDSHIELD
WIPER
(8W-53-4)
3
MOTOR-
CONDENSER
FAN
(8W-42-9)
1
D
MODULE-
BRAKE
PROVISION
(8W-54-2)
LAMP-
UNDERHOOD
(8W-44-4)
1
FROM
S161
(8W-15-4)
C
FROM
S308
(8W-15-4)
B
Z905
16
BK
Z927
12
BK/OR
Z470
20
BK/LB
14
C133
10
C135
1
C103
Z920
12
BK
Z905
16
BK
Z927
14
BK/OR
Z298
18
BK/DB
Z299
18
BK/OR
Z103
18
BK/WT
Z823
16
BK/DG
Z998
18
BK
Z470
20
BK/LB
(8W-15-9)
G104

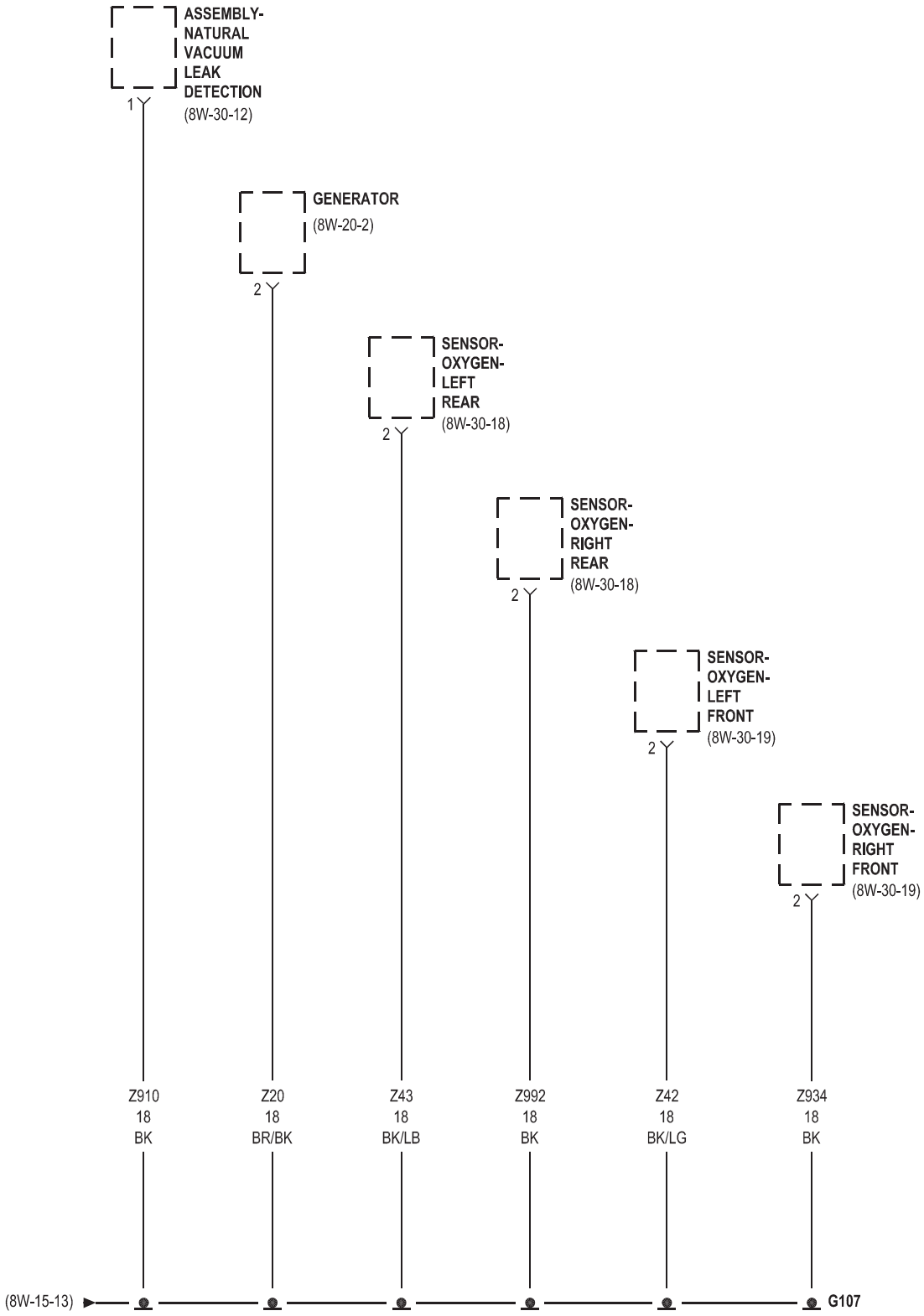

SWITCH-AXLE LOCK (SMART BAR)
(8W-31-8)
11
SWITCH-DISCONNECTING STABILIZER BAR (SMART BAR)
(8W-31-7)
4
Z952 20 BK
Z952 20 BK
S108
PUMP-WASHER-WINDSHIELD (DIESEL/SRT)
(8W-53-4)
1
Z952 20 BK
MODULE-FINAL DRIVE CONTROL
(8W-31-7)
* A
14 C137
MODULE-ANTI-LOCK BRAKES
(8W-34-2)
(8W-35-2)
6 C1
13 C1
Z952 20 BK
Z945 20 BK
Z935 16 BK
Z107 12 BK/DG
Z127 12 BK/DG
(8W-15-12)
G106

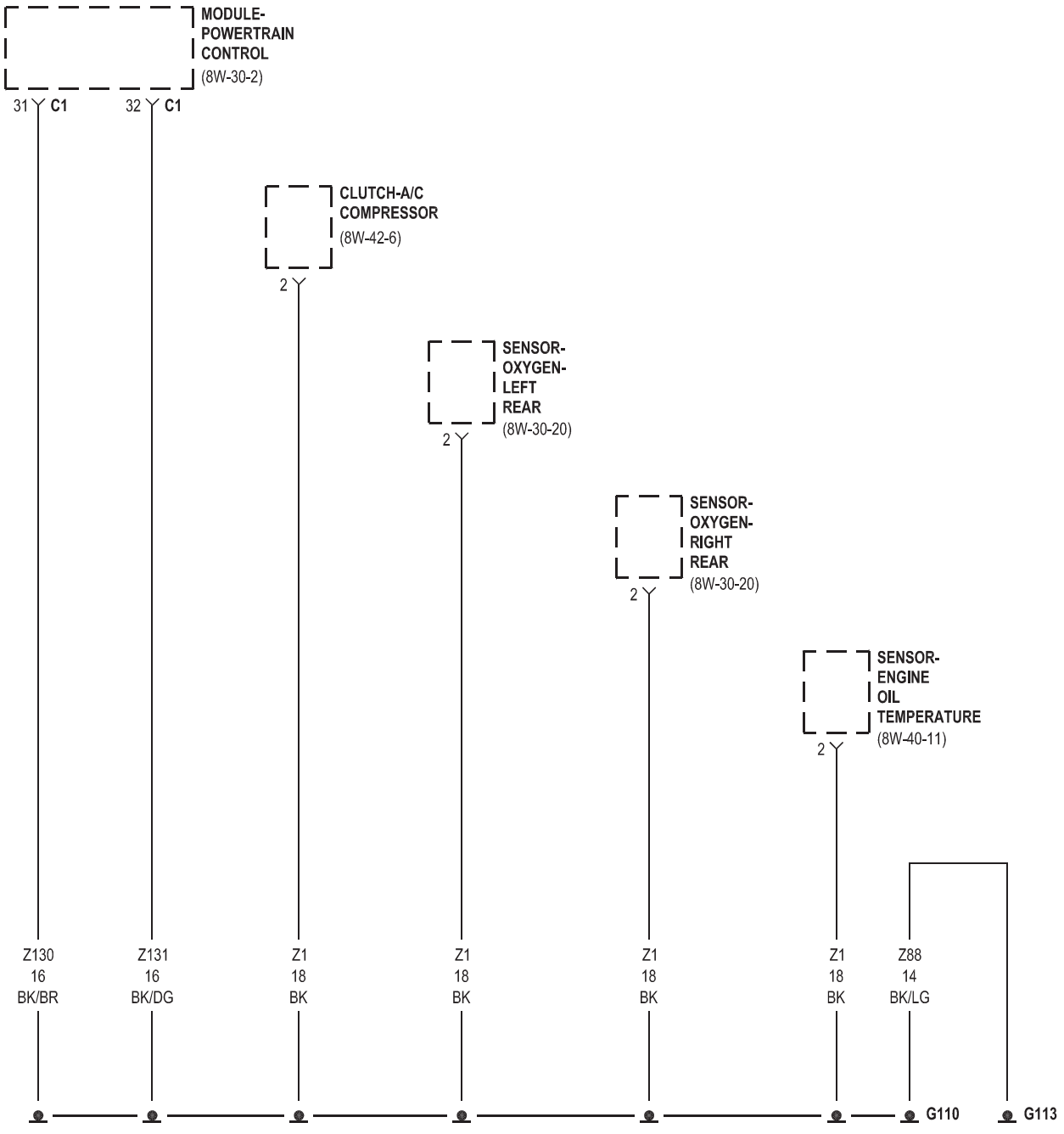
* 5.7L AWAL ETC

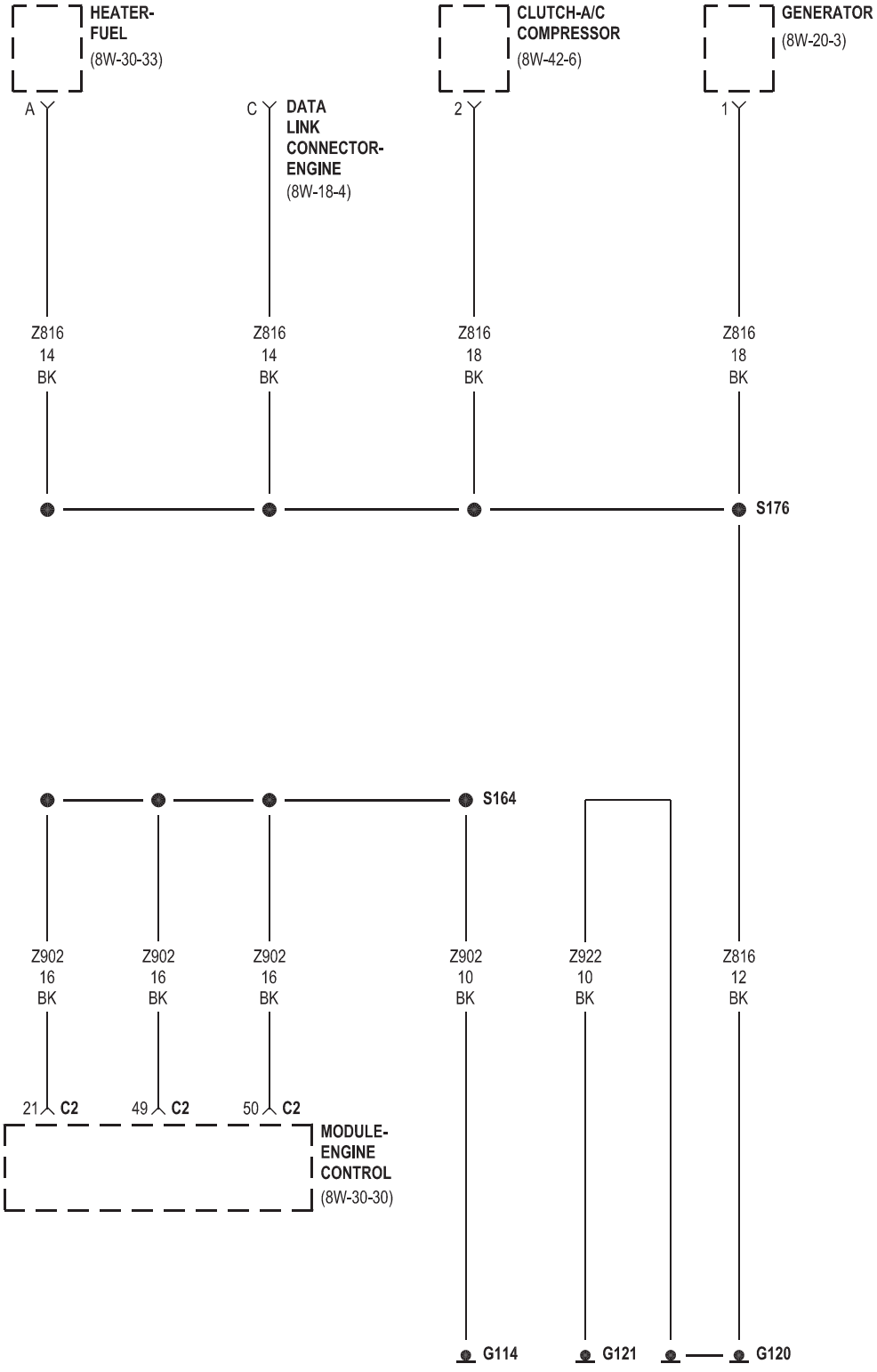

MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
30
RELAY-
WIPER
ON/OFF
(8W-53-3)
87A
87
8
C5
HORN-NO. 1
(8W-41-2)
2
HORN-NO. 2
(8W-41-2)
2
MOTOR-
WINDSHIELD
WIPER
(8W-53-4)
3
MOTOR-
CONDENSER
FAN
(8W-42-9)
1
D
MODULE-
BRAKE
PROVISION
(8W-54-2)
LAMP-
UNDERHOOD
(8W-44-4)
1
FROM
S161
(8W-15-4)
C
FROM
S308
(8W-15-4)
B
Z905
16
BK
Z927
12
BK/OR
Z470
20
BK/LB
14
C133
10
C135
1
C103
Z920
12
BK
Z905
16
BK
Z927
14
BK/OR
Z298
18
BK/DB
Z299
18
BK/OR
Z103
18
BK/WT
Z823
16
BK/DG
Z998
18
BK
Z470
20
BK/LB
(8W-15-11)
G106

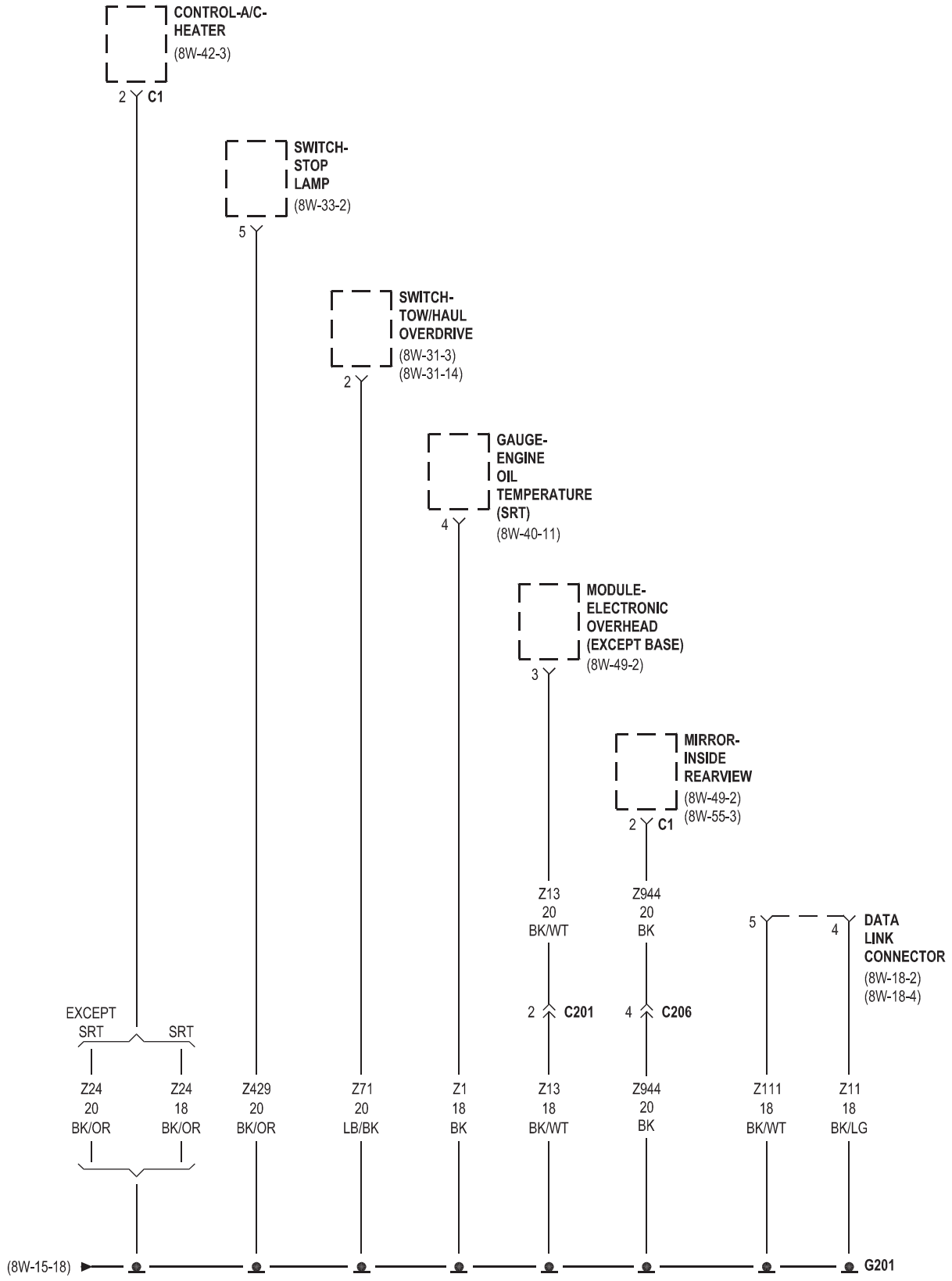

SENSOR-
TRANSFER
CASE POSITION
(MTC EXCEPT
POWER WAGON)
(8W-31-19)
B
CLUTCH-A/C
COMPRESSOR
(8W-42-6)
2
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
(8W-31-5)
■■ 14 C4
■■ 13 C4
■■ 12 C4
18 C1
9 C1
ASSEMBLY-
EGR
VALVE
(8W-30-26)
4
SWITCH-
POWER
STEERING
PRESSURE
(5.7L)
(8W-30-12)
1
NOT
USED
△ 31 C130
Z901 18 BK
Z335 18 BK/WT
Z153 18 BK/GY
Z988 20 BK
Z953 18 BK
Z904 18 BK
Z977 18 BK
Z908 18 BK
Z131 16 BK/DG
Z130 16 BK/BR
(8W-15-14)
G107

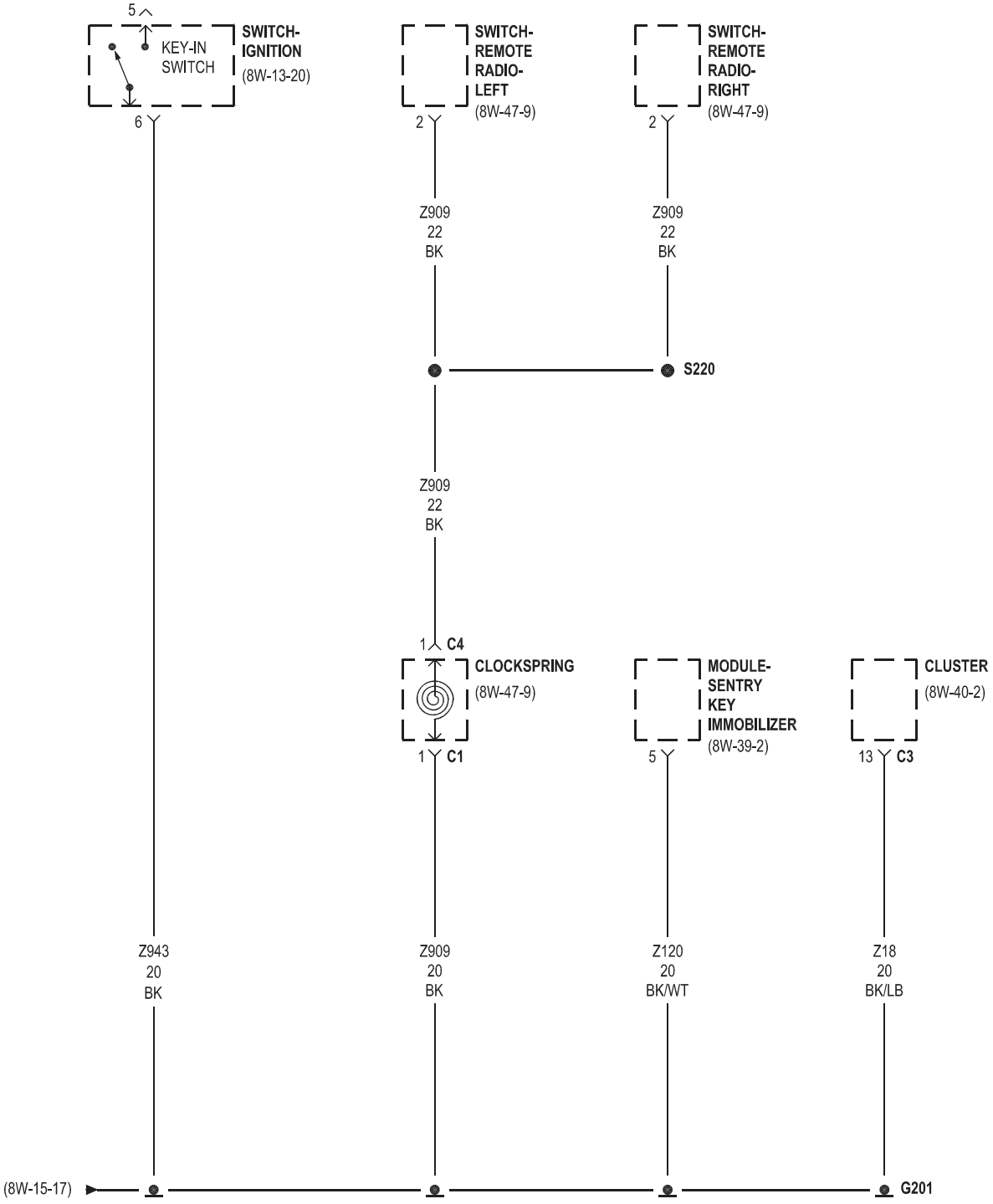
△ 5.7L HD
■■ A/T

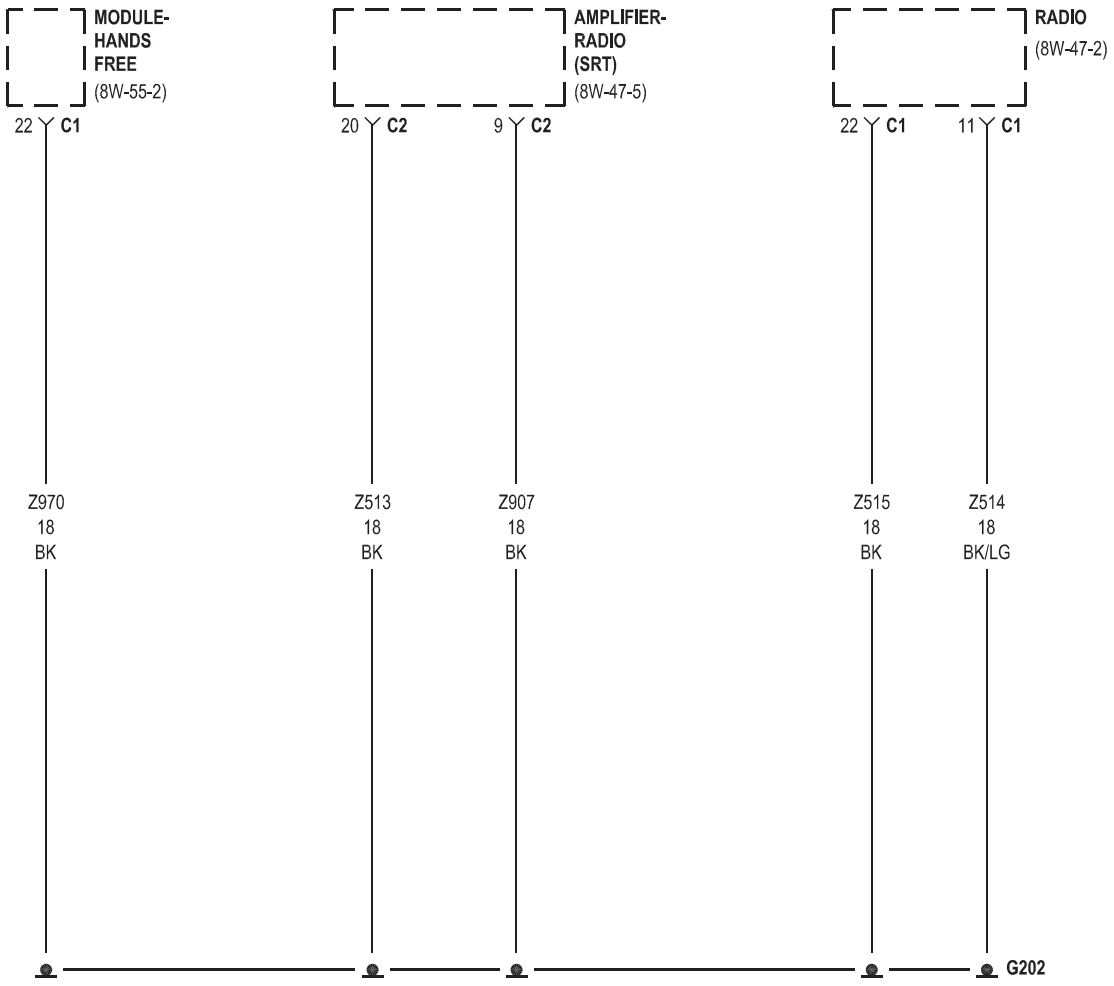

ASSEMBLY-
NATURAL
VACUUM
LEAK
DETECTION
(8W-30-12)
1
GENERATOR
(8W-20-2)
2
SENSOR-
OXYGEN-
LEFT
REAR
(8W-30-18)
2
SENSOR-
OXYGEN-
RIGHT
REAR
(8W-30-18)
2
SENSOR-
OXYGEN-
LEFT
FRONT
(8W-30-19)
2
SENSOR-
OXYGEN-
RIGHT
FRONT
(8W-30-19)
2
Z910
18
BK
Z20
18
BR/BK
Z43
18
BK/LB
Z992
18
BK
Z42
18
BK/LG
Z934
18
BK
(8W-15-13)
G107

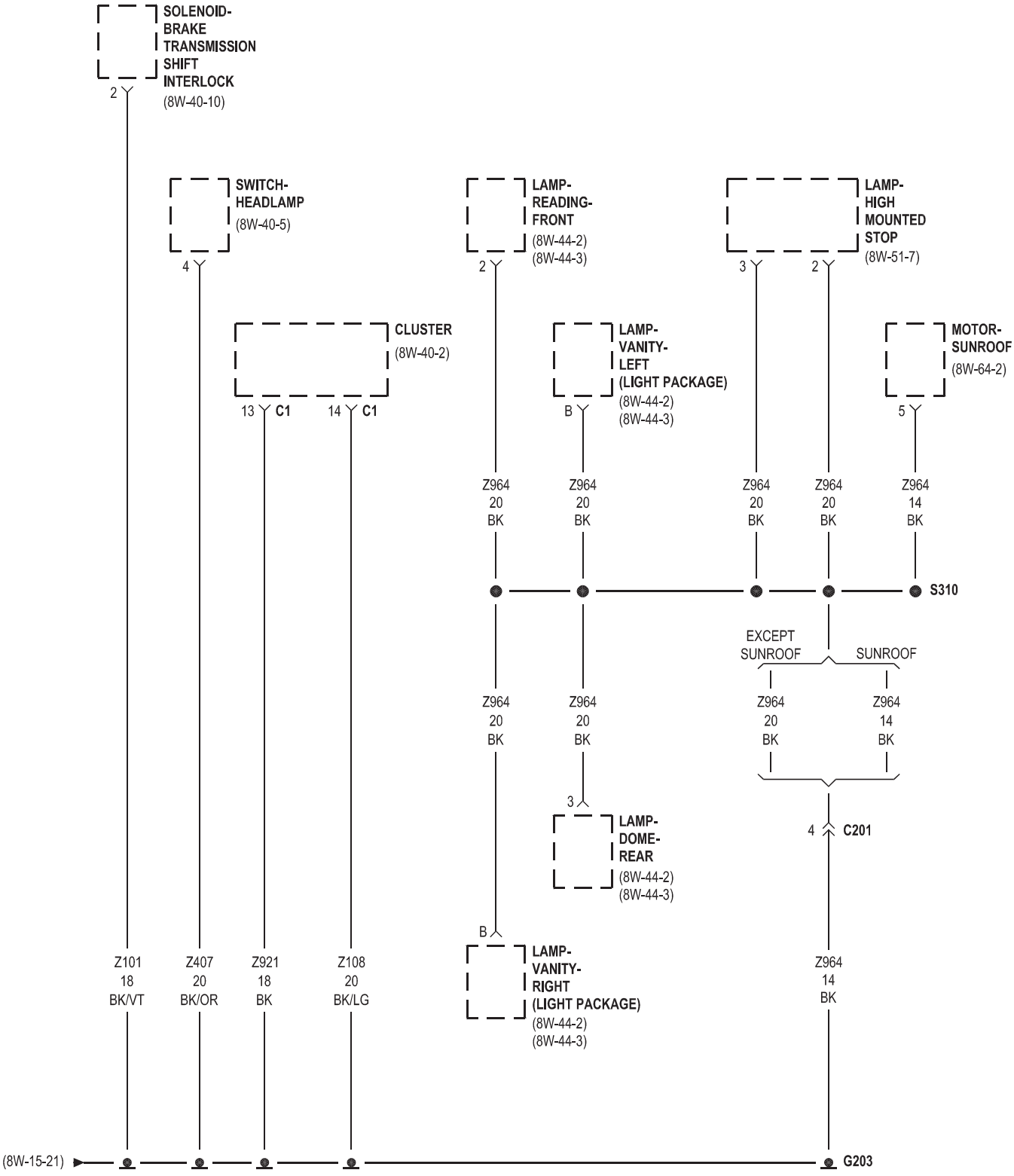

MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
31 C1
32 C1
CLUTCH-A/C
COMPRESSOR
(8W-42-6)
2
SENSOR-
OXYGEN-
LEFT
REAR
(8W-30-20)
2
SENSOR-
OXYGEN-
RIGHT
REAR
(8W-30-20)
2
SENSOR-
ENGINE
OIL
TEMPERATURE
(8W-40-11)
2
Z130
16
BK/BR
Z131
16
BK/DG
Z1
18
BK
Z1
18
BK
Z1
18
BK
Z1
18
BK
Z88
14
BK/LG
G110
G113

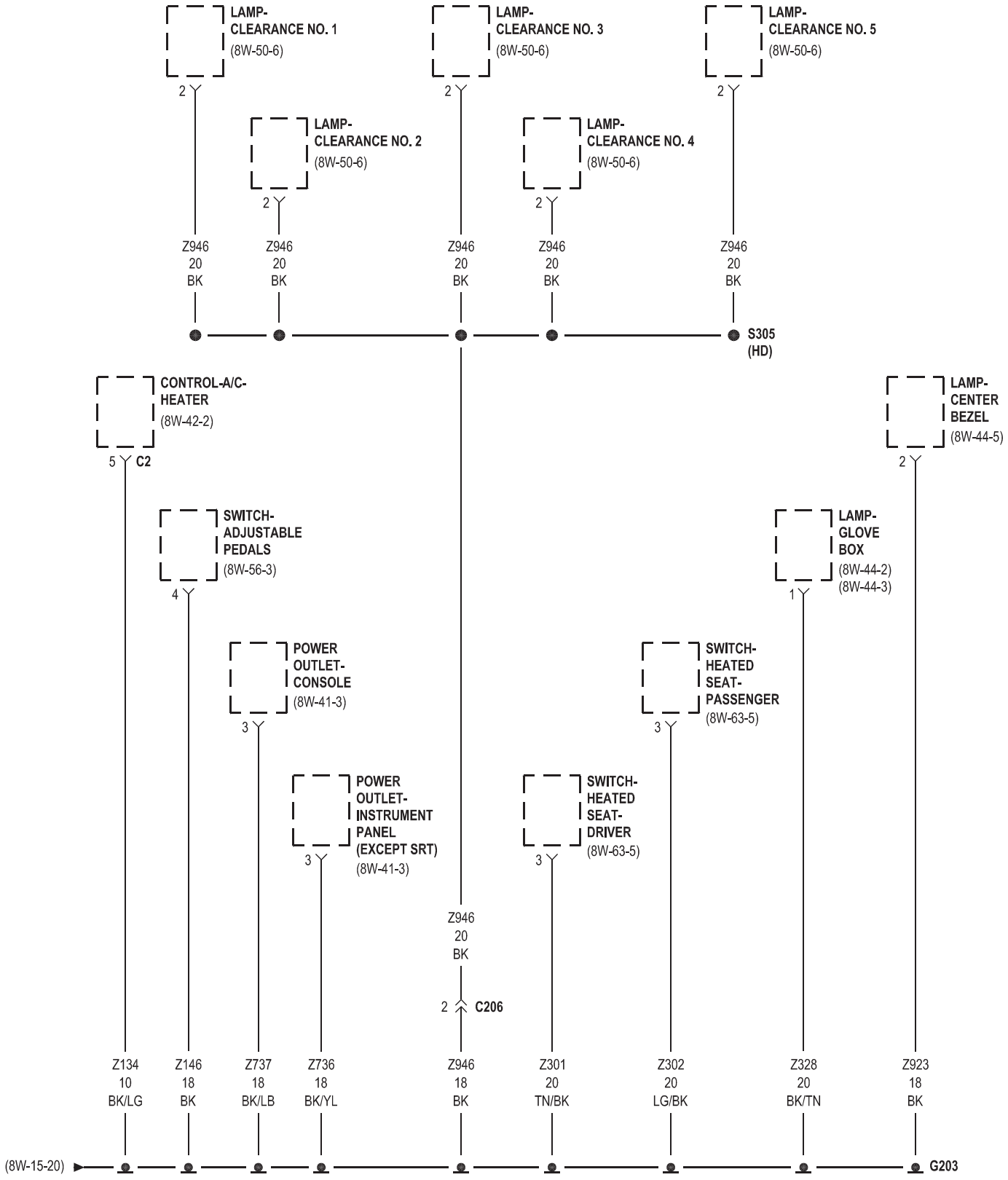

HEATER-FUEL
(8W-30-33)
A
Z816
14
BK
C
DATA LINK CONNECTOR-ENGINE
(8W-18-4)
Z816
14
BK
CLUTCH-A/C COMPRESSOR
(8W-42-6)
2
Z816
18
BK
GENERATOR
(8W-20-3)
1
Z816
18
BK
S176
S164
Z902
16
BK
21 C2
Z902
16
BK
49 C2
Z902
16
BK
50 C2
MODULE-ENGINE CONTROL
(8W-30-30)
Z902
10
BK
G114
Z922
10
BK
G121
Z816
12
BK
G120

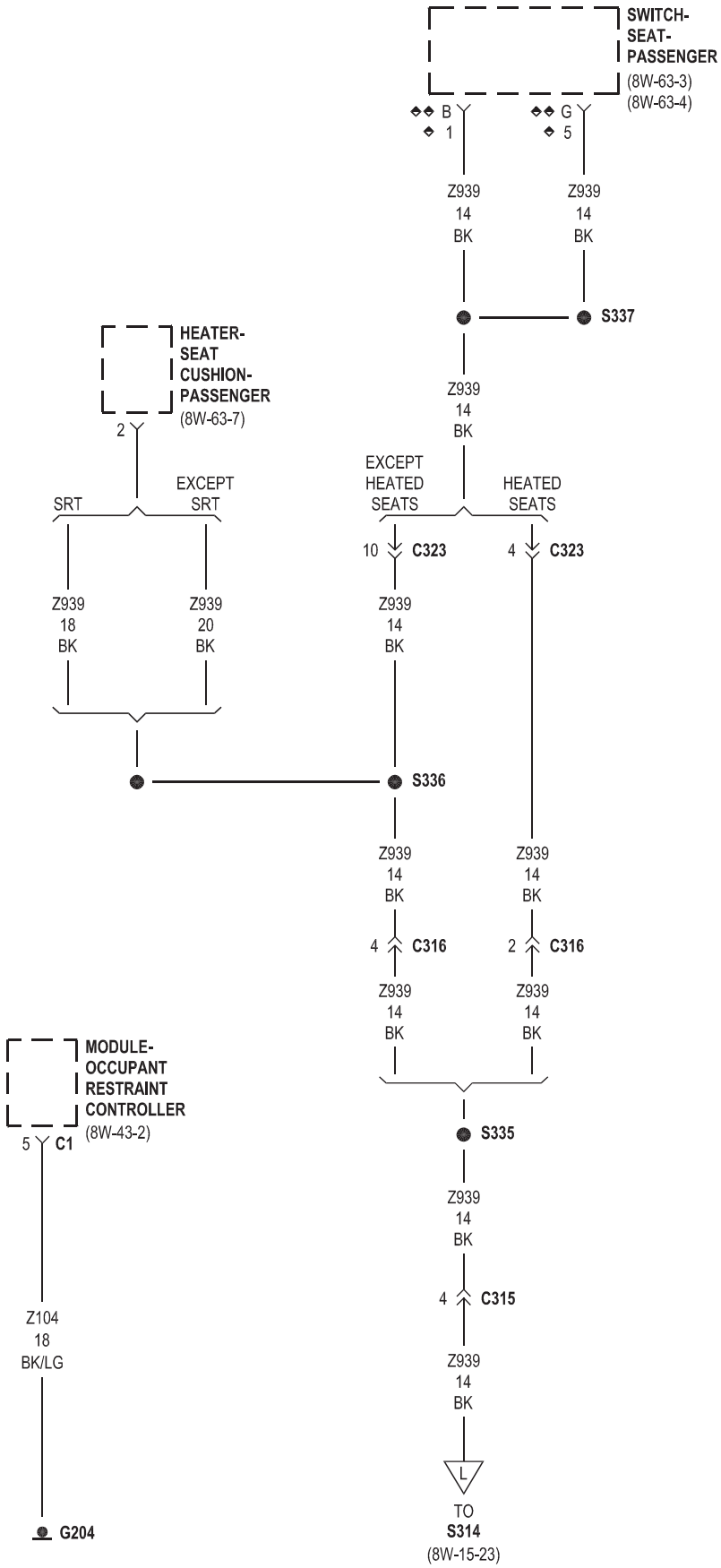

CONTROL-A/C-HEATER
(8W-42-3)
2 C1
SWITCH-STOP LAMP
(8W-33-2)
5
SWITCH-TOW/HAUL OVERDRIVE
(8W-31-3)
(8W-31-14)
2
GAUGE-ENGINE OIL TEMPERATURE (SRT)
(8W-40-11)
4
MODULE-ELECTRONIC OVERHEAD (EXCEPT BASE)
(8W-49-2)
3
MIRROR-INSIDE REARVIEW
(8W-49-2)
(8W-55-3)
2 C1
DATA LINK CONNECTOR
(8W-18-2)
(8W-18-4)
5
4
Z13 20 BK/WT
Z944 20 BK
2 C201
4 C206
EXCEPT SRT
SRT
Z24 20 BK/OR
Z24 18 BK/OR
Z429 20 BK/OR
Z71 20 LB/BK
Z1 18 BK
Z13 18 BK/WT
Z944 20 BK
Z111 18 BK/WT
Z11 18 BK/LG
(8W-15-18)
G201

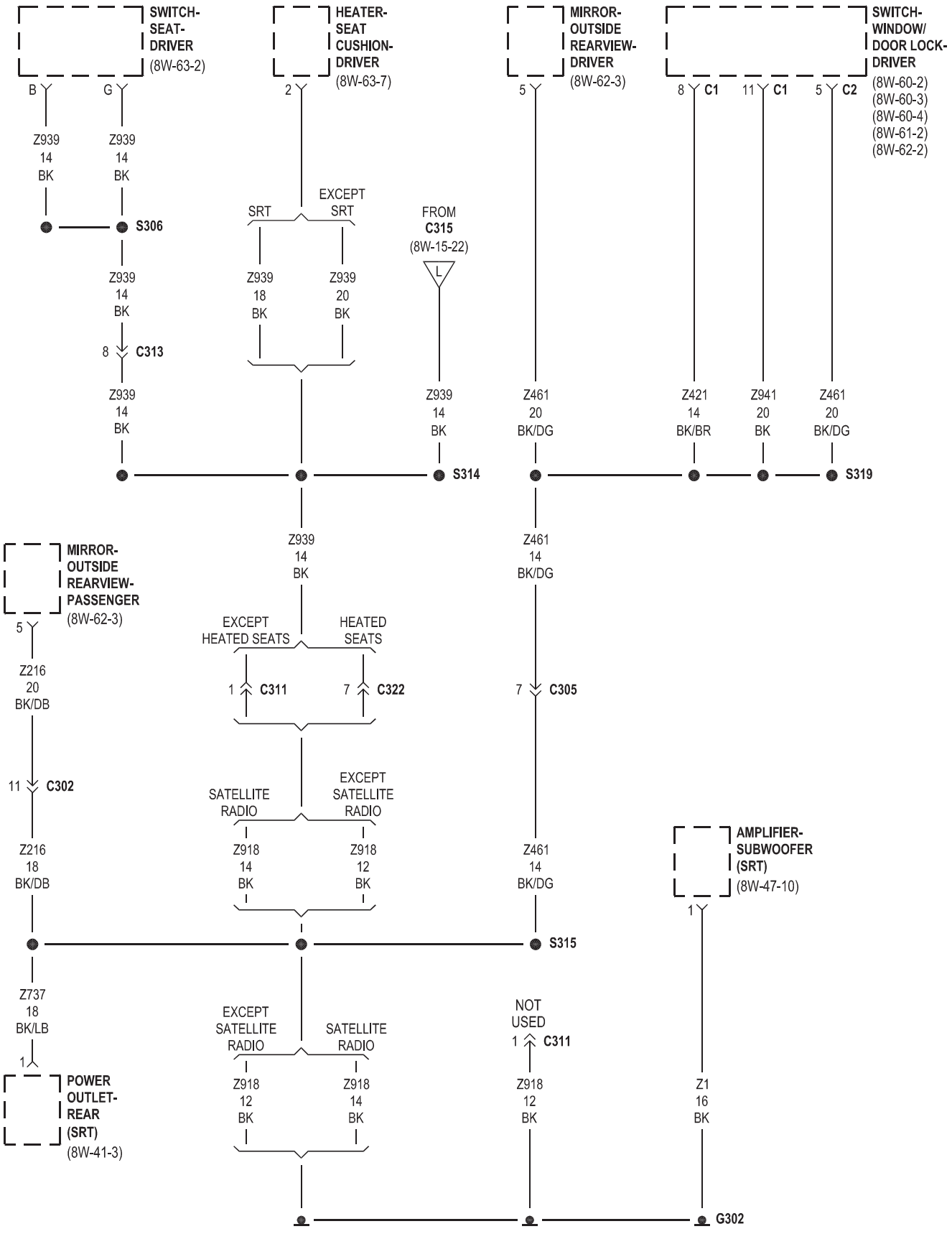

5
SWITCH-
IGNITION
KEY-IN
SWITCH
(8W-13-20)
6
SWITCH-
REMOTE
RADIO-
LEFT
(8W-47-9)
2
SWITCH-
REMOTE
RADIO-
RIGHT
(8W-47-9)
2
Z909
22
BK
Z909
22
BK
S220
Z909
22
BK
1
C4
CLOCKSPRING
(8W-47-9)
1
C1
MODULE-
SENTRY
KEY
IMMOBILIZER
(8W-39-2)
5
CLUSTER
(8W-40-2)
13
C3
Z943
20
BK
Z909
20
BK
Z120
20
BK/WT
Z18
20
BK/LB
(8W-15-17)
G201

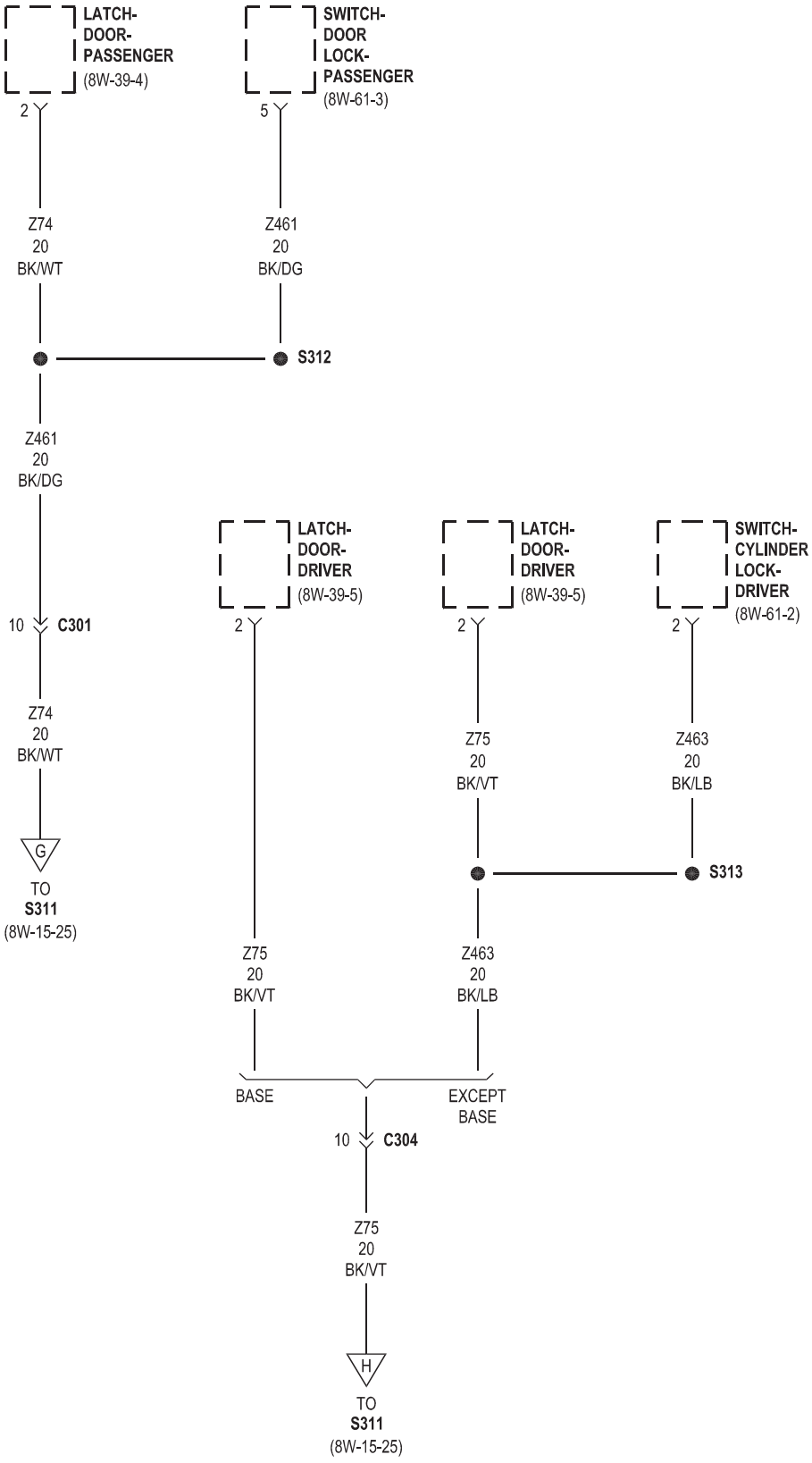

MODULE-
HANDS
FREE
(8W-55-2)
22 C1
Z970
18
BK
AMPLIFIER-
RADIO
(SRT)
(8W-47-5)
20 C2
Z513
18
BK
9 C2
Z907
18
BK
RADIO
(8W-47-2)
22 C1
Z515
18
BK
11 C1
Z514
18
BK/LG
G202

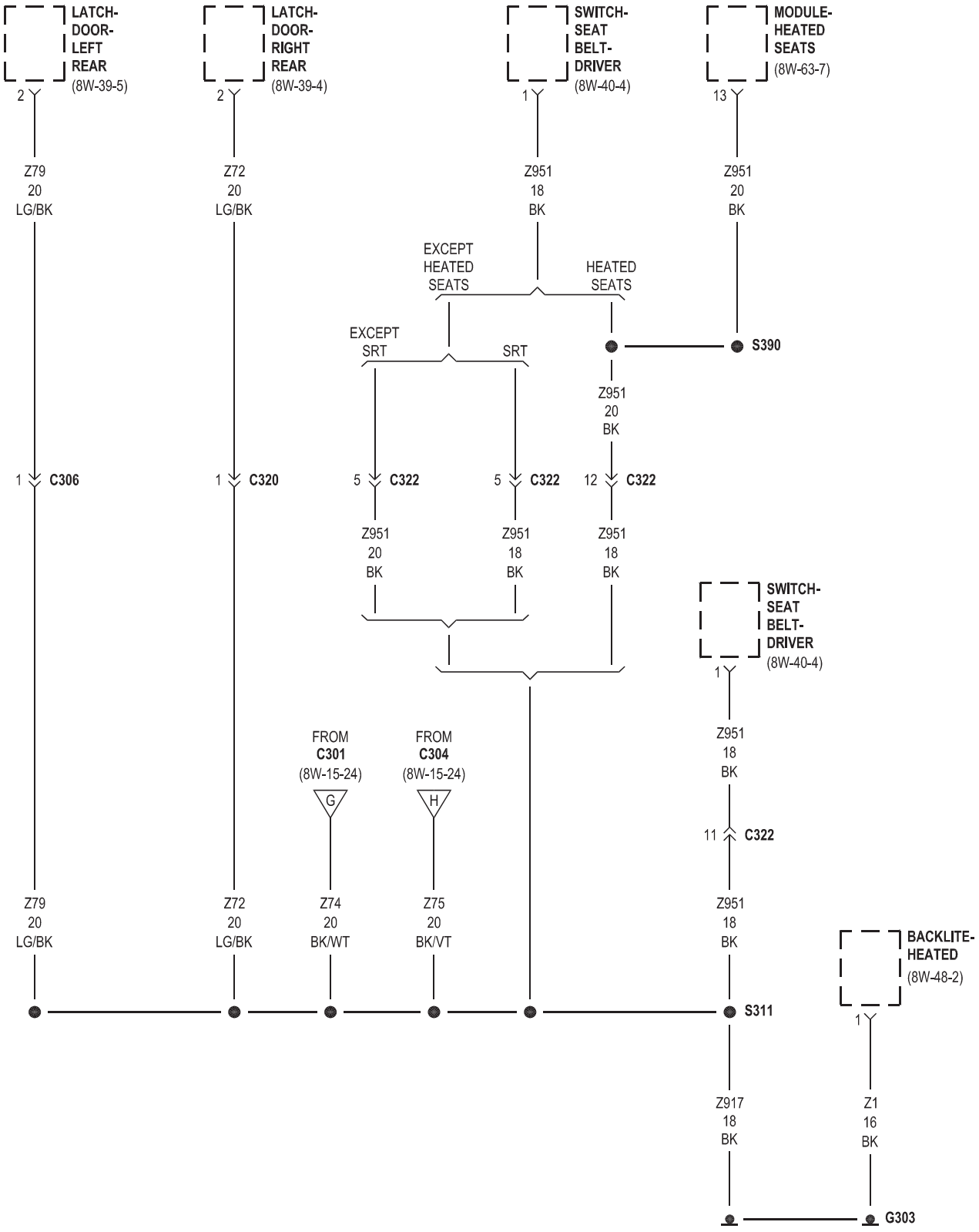

SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK
(8W-40-10)
2
SWITCH-HEADLAMP
(8W-40-5)
4
CLUSTER
(8W-40-2)
13 C1
14 C1
LAMP-READING-FRONT
(8W-44-2)
(8W-44-3)
2
LAMP-VANITY-LEFT (LIGHT PACKAGE)
(8W-44-2)
(8W-44-3)
B
LAMP-HIGH MOUNTED STOP
(8W-51-7)
3
2
MOTOR-SUNROOF
(8W-64-2)
5
Z964 20 BK
Z964 20 BK
Z964 20 BK
Z964 20 BK
Z964 14 BK
S310
EXCEPT SUNROOF
SUNROOF
Z964 20 BK
Z964 14 BK
Z964 20 BK
Z964 20 BK
3
LAMP-DOME-REAR
(8W-44-2)
(8W-44-3)
4 C201
B
LAMP-VANITY-RIGHT (LIGHT PACKAGE)
(8W-44-2)
(8W-44-3)
Z101 18 BK/VT
Z407 20 BK/OR
Z921 18 BK
Z108 20 BK/LG
Z964 14 BK
(8W-15-21)
G203


LAMP-
CLEARANCE NO. 1
(8W-50-6)
LAMP-
CLEARANCE NO. 3
(8W-50-6)
LAMP-
CLEARANCE NO. 5
(8W-50-6)
LAMP-
CLEARANCE NO. 2
(8W-50-6)
LAMP-
CLEARANCE NO. 4
(8W-50-6)
Z946
20
BK
S305
(HD)
CONTROL-A/C-
HEATER
(8W-42-2)
C2
LAMP-
CENTER
BEZEL
(8W-44-5)
SWITCH-
ADJUSTABLE
PEDALS
(8W-56-3)
LAMP-
GLOVE
BOX
(8W-44-2)
(8W-44-3)
POWER
OUTLET-
CONSOLE
(8W-41-3)
SWITCH-
HEATED
SEAT-
PASSENGER
(8W-63-5)
POWER
OUTLET-
INSTRUMENT
PANEL
(EXCEPT SRT)
(8W-41-3)
SWITCH-
HEATED
SEAT-
DRIVER
(8W-63-5)
C206
Z134
10
BK/LG
Z146
18
BK
Z737
18
BK/LB
Z736
18
BK/YL
Z946
18
BK
Z301
20
TN/BK
Z302
20
LG/BK
Z328
20
BK/TN
Z923
18
BK
(8W-15-20)
G203


SWITCH-
SEAT-
PASSENGER
(8W-63-3)
(8W-63-4)
◆◆ B
◆ 1
◆◆ G
◆ 5
Z939
14
BK
Z939
14
BK
S337
HEATER-
SEAT
CUSHION-
PASSENGER
(8W-63-7)
2
Z939
14
BK
EXCEPT
HEATED
SEATS
HEATED
SEATS
SRT
EXCEPT
SRT
10 C323
4 C323
Z939
18
BK
Z939
20
BK
Z939
14
BK
S336
Z939
14
BK
Z939
14
BK
4 C316
2 C316
Z939
14
BK
Z939
14
BK
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
(8W-43-2)
5 C1
S335
Z939
14
BK
4 C315
Z939
14
BK
Z104
18
BK/LG
L
G204
TO
S314
(8W-15-23)
◆ STANDARD CAB
◆◆ QUAD CAB

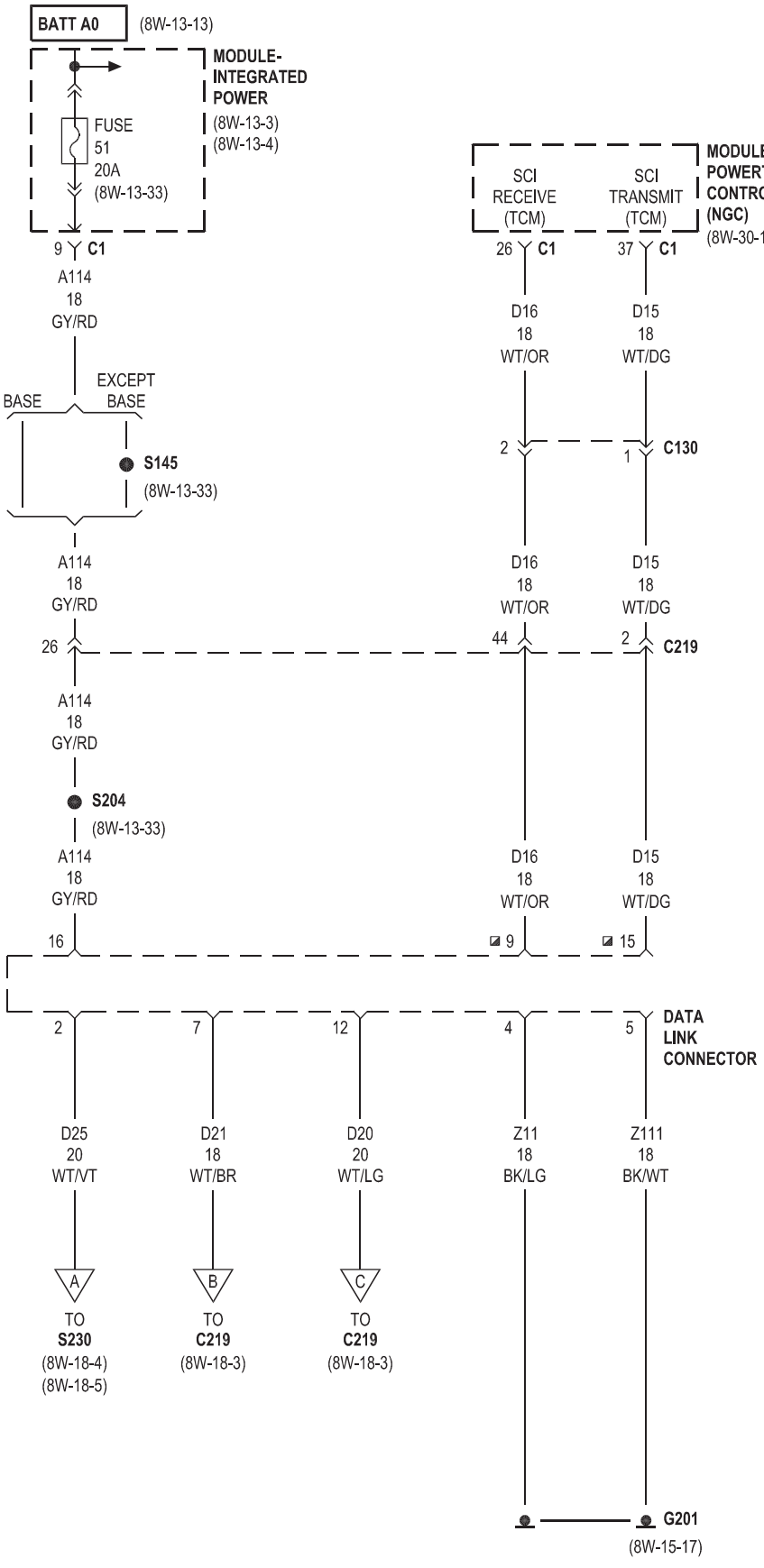

SWITCH-SEAT-DRIVER
(8W-63-2)
B
G
Z939 14 BK
Z939 14 BK
S306
Z939 14 BK
8
C313
Z939 14 BK
HEATER-SEAT CUSHION-DRIVER
(8W-63-7)
2
SRT
EXCEPT SRT
Z939 18 BK
Z939 20 BK
FROM C315
(8W-15-22)
L
Z939 14 BK
S314
MIRROR-OUTSIDE REARVIEW-DRIVER
(8W-62-3)
5
Z461 20 BK/DG
SWITCH-WINDOW/DOOR LOCK-DRIVER
(8W-60-2)
(8W-60-3)
(8W-60-4)
(8W-61-2)
(8W-62-2)
8
C1
11
C1
5
C2
Z421 14 BK/BR
Z941 20 BK
Z461 20 BK/DG
S319
MIRROR-OUTSIDE REARVIEW-PASSENGER
(8W-62-3)
5
Z216 20 BK/DB
11
C302
Z216 18 BK/DB
Z939 14 BK
EXCEPT HEATED SEATS
HEATED SEATS
1
C311
7
C322
SATELLITE RADIO
EXCEPT SATELLITE RADIO
Z918 14 BK
Z918 12 BK
Z461 14 BK/DG
7
C305
Z461 14 BK/DG
S315
AMPLIFIER-SUBWOOFER (SRT)
(8W-47-10)
1
Z737 18 BK/LB
1
POWER OUTLET-REAR (SRT)
(8W-41-3)
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z918 12 BK
Z918 14 BK
NOT USED
1
C311
Z918 12 BK
Z1 16 BK
G302

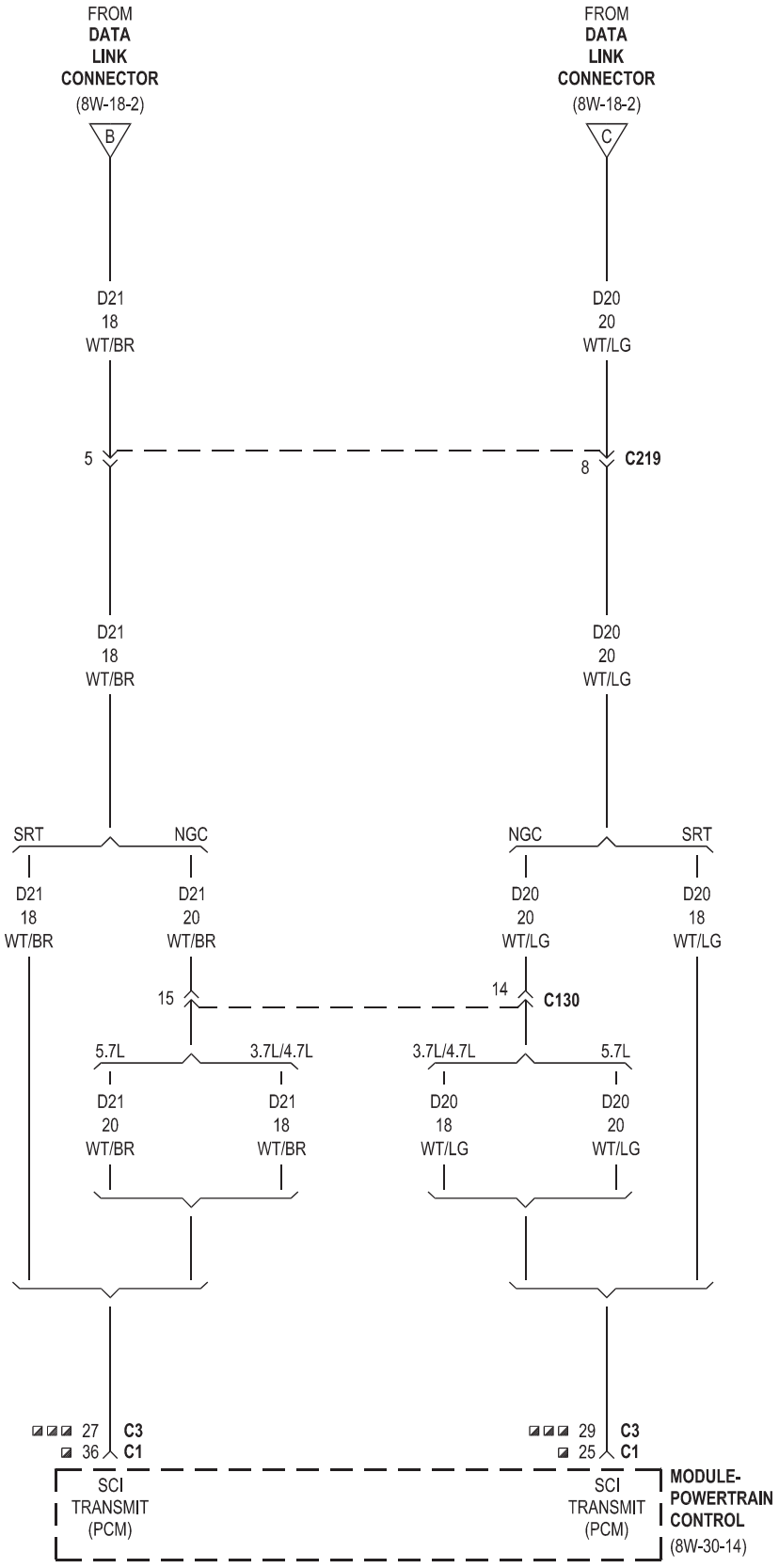

LATCH-
DOOR-
PASSENGER
(8W-39-4)
2
Z74
20
BK/WT
SWITCH-
DOOR
LOCK-
PASSENGER
(8W-61-3)
5
Z461
20
BK/DG
S312
Z461
20
BK/DG
10
C301
Z74
20
BK/WT
G
TO
S311
(8W-15-25)
LATCH-
DOOR-
DRIVER
(8W-39-5)
2
Z75
20
BK/VT
LATCH-
DOOR-
DRIVER
(8W-39-5)
2
Z75
20
BK/VT
SWITCH-
CYLINDER
LOCK-
DRIVER
(8W-61-2)
2
Z463
20
BK/LB
S313
Z463
20
BK/LB
BASE
EXCEPT
BASE
10
C304
Z75
20
BK/VT
H
TO
S311
(8W-15-25)

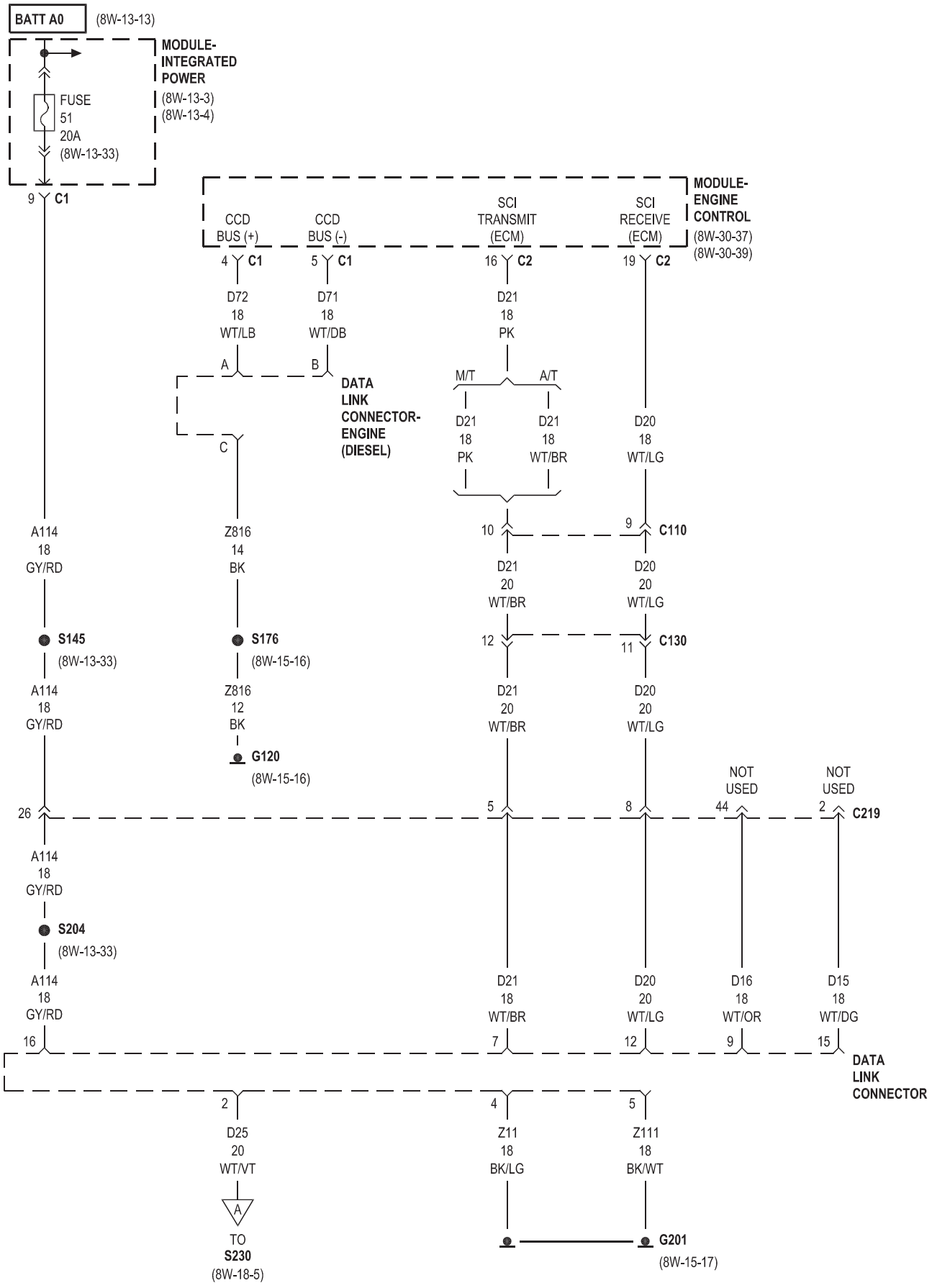

LATCH-DOOR-LEFT REAR
(8W-39-5)
2
Z79
20
LG/BK
1 C306
Z79
20
LG/BK
LATCH-DOOR-RIGHT REAR
(8W-39-4)
2
Z72
20
LG/BK
1 C320
Z72
20
LG/BK
SWITCH-SEAT BELT-DRIVER
(8W-40-4)
1
Z951
18
BK
EXCEPT HEATED SEATS
HEATED SEATS
EXCEPT SRT
SRT
5 C322
Z951
20
BK
5 C322
Z951
18
BK
MODULE-HEATED SEATS
(8W-63-7)
13
Z951
20
BK
S390
Z951
20
BK
12 C322
Z951
18
BK
SWITCH-SEAT BELT-DRIVER
(8W-40-4)
1
Z951
18
BK
11 C322
Z951
18
BK
FROM C301
(8W-15-24)
G
Z74
20
BK/WT
FROM C304
(8W-15-24)
H
Z75
20
BK/VT
S311
BACKLITE-HEATED
(8W-48-2)
1
Z1
16
BK
Z917
18
BK
G303

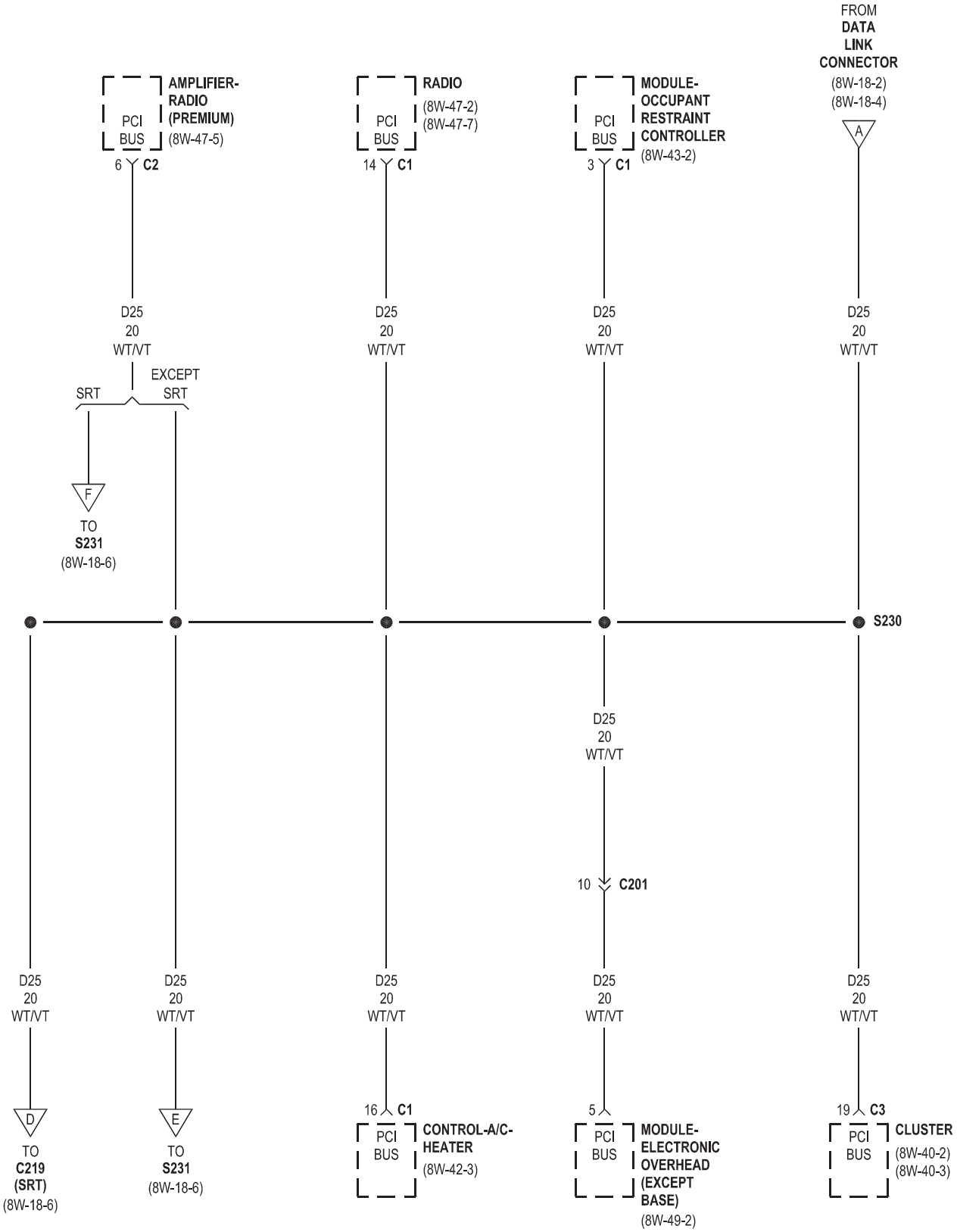
8W-18 BUS COMMUNICATIONS

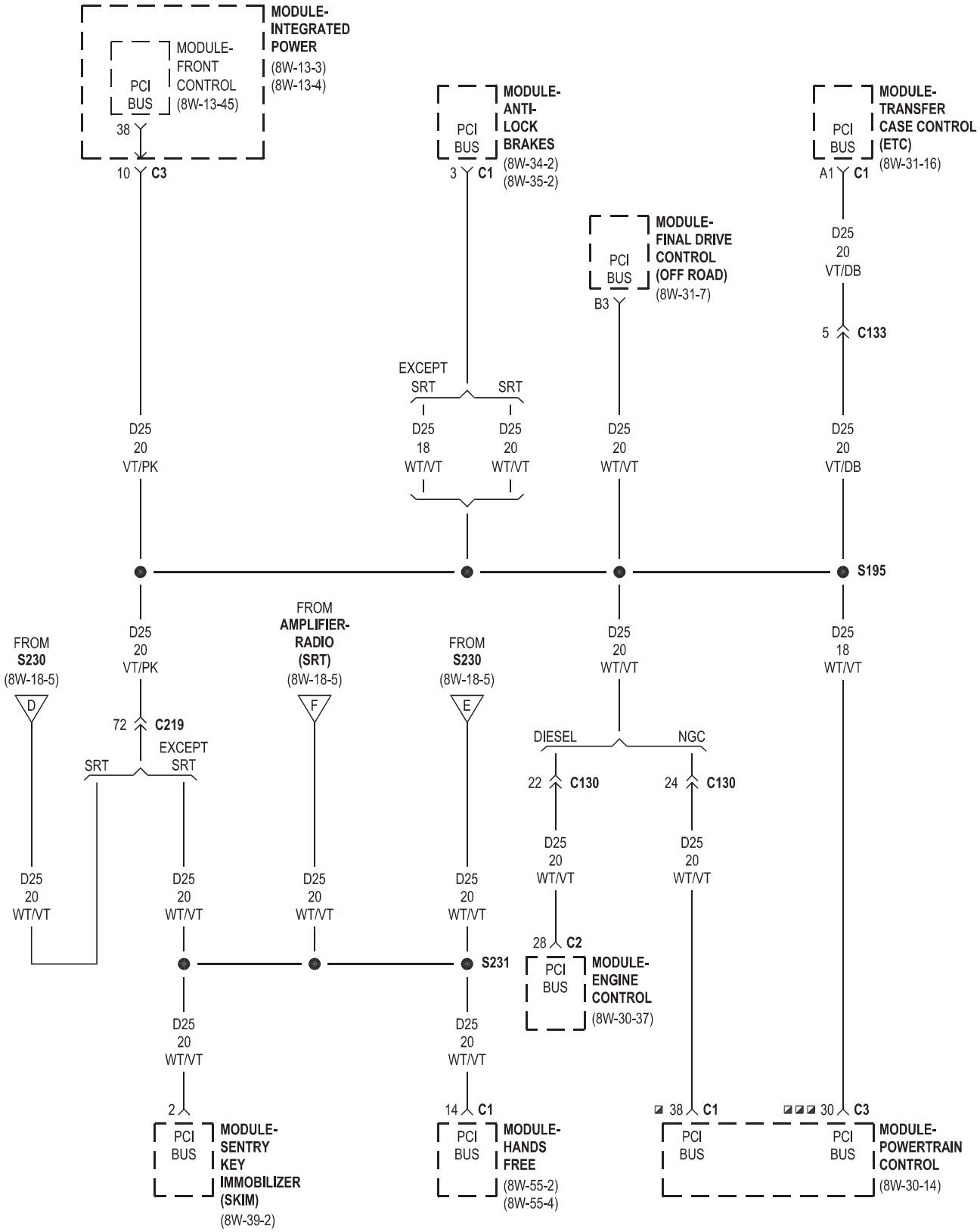
Component	Page
Amplifier-Radio	8W-18-5, 6
Cluster	8W-18-5
Control-A/C-Heater	8W-18-5
Data Link Connector	8W-18-2, 3, 4, 5
Data Link Connector-Engine	8W-18-4
Fuse 51	8W-18-2, 4
G120	8W-18-4
G201	8W-18-2, 4
Module-Anti-Lock Brakes	8W-18-6
Module-Electronic Overhead	8W-18-5
Module-Engine Control	8W-18-4,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


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
51
20A
(8W-13-33)
9 C1
A114
18
GY/RD
BASE
EXCEPT
BASE
S145
(8W-13-33)
A114
18
GY/RD
26
A114
18
GY/RD
S204
(8W-13-33)
A114
18
GY/RD
16
SCI
RECEIVE
(TCM)
SCI
TRANSMIT
(TCM)
MODULE-
POWERTRAIN
CONTROL
(NGC)
(8W-30-14)
26 C1
37 C1
D16
18
WT/OR
D15
18
WT/DG
2
1 C130
D16
18
WT/OR
D15
18
WT/DG
44
2 C219
D16
18
WT/OR
D15
18
WT/DG
9
15
2
7
12
4
5
DATA
LINK
CONNECTOR
D25
20
WT/VT
D21
18
WT/BR
D20
20
WT/LG
Z11
18
BK/LG
Z111
18
BK/WT
A
B
C
TO
S230
(8W-18-4)
(8W-18-5)
TO
C219
(8W-18-3)
TO
C219
(8W-18-3)
G201
(8W-15-17)
NGC


FROM DATA LINK CONNECTOR (8W-18-2)
B
FROM DATA LINK CONNECTOR (8W-18-2)
C
D21 18 WT/BR
D20 20 WT/LG
5
8
C219
D21 18 WT/BR
D20 20 WT/LG
SRT
NGC
NGC
SRT
D21 18 WT/BR
D21 20 WT/BR
D20 20 WT/LG
D20 18 WT/LG
15
14
C130
5.7L
3.7L/4.7L
3.7L/4.7L
5.7L
D21 20 WT/BR
D21 18 WT/BR
D20 18 WT/LG
D20 20 WT/LG
27
36
C3
C1
29
25
C3
C1
SCI TRANSMIT (PCM)
SCI TRANSMIT (PCM)
MODULE-POWERTRAIN CONTROL
(8W-30-14)
NGC
SRT

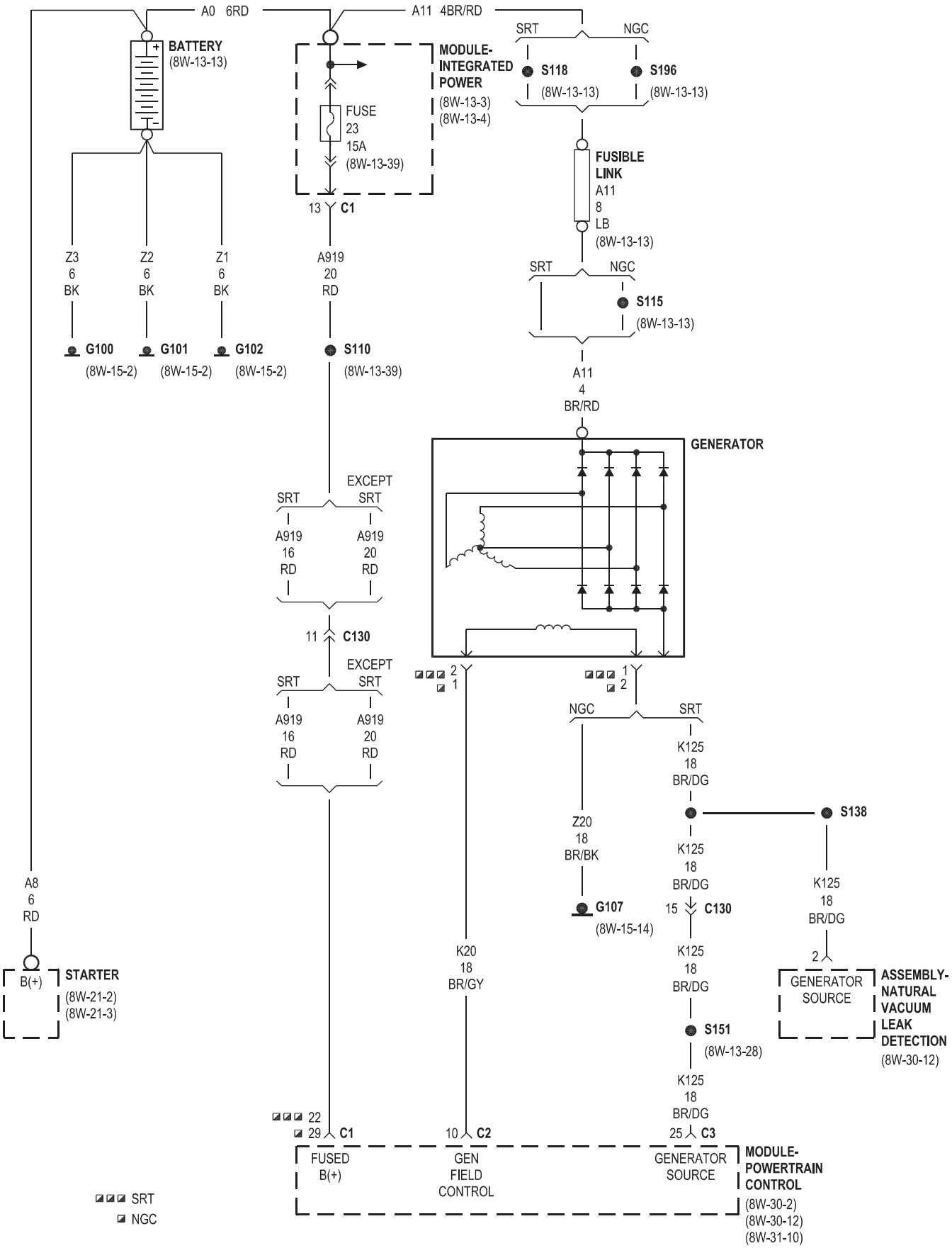

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
51
20A
(8W-13-33)
9 C1
MODULE-
ENGINE
CONTROL
(8W-30-37)
(8W-30-39)
CCD
BUS (+)
CCD
BUS (-)
SCI
TRANSMIT
(ECM)
SCI
RECEIVE
(ECM)
4 C1
5 C1
16 C2
19 C2
D72
18
WT/LB
D71
18
WT/DB
D21
18
PK
A
B
DATA
LINK
CONNECTOR-
ENGINE
(DIESEL)
M/T
A/T
D21
18
PK
D21
18
WT/BR
D20
18
WT/LG
C
A114
18
GY/RD
Z816
14
BK
10
9 C110
D21
20
WT/BR
D20
20
WT/LG
12
11 C130
S145
(8W-13-33)
S176
(8W-15-16)
A114
18
GY/RD
Z816
12
BK
D21
20
WT/BR
D20
20
WT/LG
G120
(8W-15-16)
NOT
USED
NOT
USED
26
5
8
44
2 C219
A114
18
GY/RD
S204
(8W-13-33)
A114
18
GY/RD
D21
18
WT/BR
D20
20
WT/LG
D16
18
WT/OR
D15
18
WT/DG
16
7
12
9
15
DATA
LINK
CONNECTOR
2
4
5
D25
20
WT/VT
Z11
18
BK/LG
Z111
18
BK/WT
A
TO
S230
(8W-18-5)
G201
(8W-15-17)

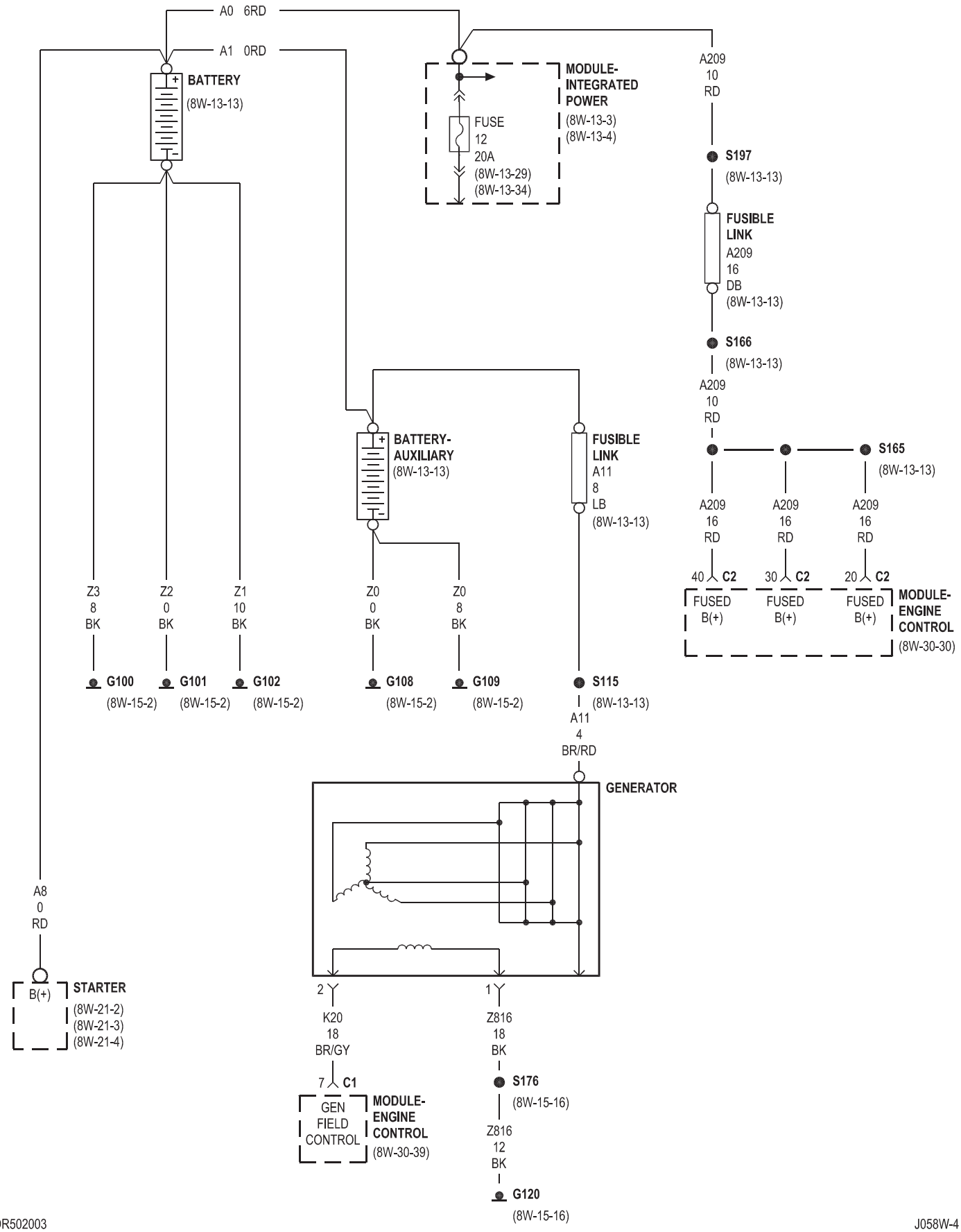

FROM
DATA
LINK
CONNECTOR
(8W-18-2)
(8W-18-4)
A
AMPLIFIER-
RADIO
(PREMIUM)
(8W-47-5)
PCI
BUS
6 C2
RADIO
(8W-47-2)
(8W-47-7)
14 C1
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
(8W-43-2)
3 C1
D25
20
WT/VT
EXCEPT
SRT
SRT
F
TO
S231
(8W-18-6)
S230
10 C201
D
TO
C219
(SRT)
(8W-18-6)
E
TO
S231
(8W-18-6)
16 C1
CONTROL-A/C-
HEATER
(8W-42-3)
5
MODULE-
ELECTRONIC
OVERHEAD
(EXCEPT
BASE)
(8W-49-2)
19 C3
CLUSTER
(8W-40-2)
(8W-40-3)


MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-45)
PCI BUS
38
10 C3
MODULE-ANTI-LOCK BRAKES
(8W-34-2)
(8W-35-2)
3 C1
MODULE-TRANSFER CASE CONTROL (ETC)
(8W-31-16)
A1 C1
MODULE-FINAL DRIVE CONTROL (OFF ROAD)
(8W-31-7)
B3
D25 20 VT/DB
5 C133
EXCEPT SRT
SRT
D25 20 VT/PK
D25 18 WT/VT
D25 20 WT/VT
D25 20 WT/VT
D25 20 VT/DB
S195
FROM S230 (8W-18-5)
D
FROM AMPLIFIER-RADIO (SRT) (8W-18-5)
F
FROM S230 (8W-18-5)
E
D25 20 VT/PK
D25 20 WT/VT
D25 18 WT/VT
72 C219
EXCEPT SRT
SRT
DIESEL
NGC
22 C130
24 C130
D25 20 WT/VT
D25 20 WT/VT
D25 20 WT/VT
D25 20 WT/VT
D25 20 WT/VT
D25 20 WT/VT
28 C2
MODULE-ENGINE CONTROL
(8W-30-37)
S231
D25 20 WT/VT
D25 20 WT/VT
2
14 C1
38 C1
30 C3
MODULE-SENTRY KEY IMMOBILIZER (SKIM)
(8W-39-2)
MODULE-HANDS FREE
(8W-55-2)
(8W-55-4)
MODULE-POWERTRAIN CONTROL
(8W-30-14)
PCI BUS
NGC
SRT

8W-20 CHARGING SYSTEM

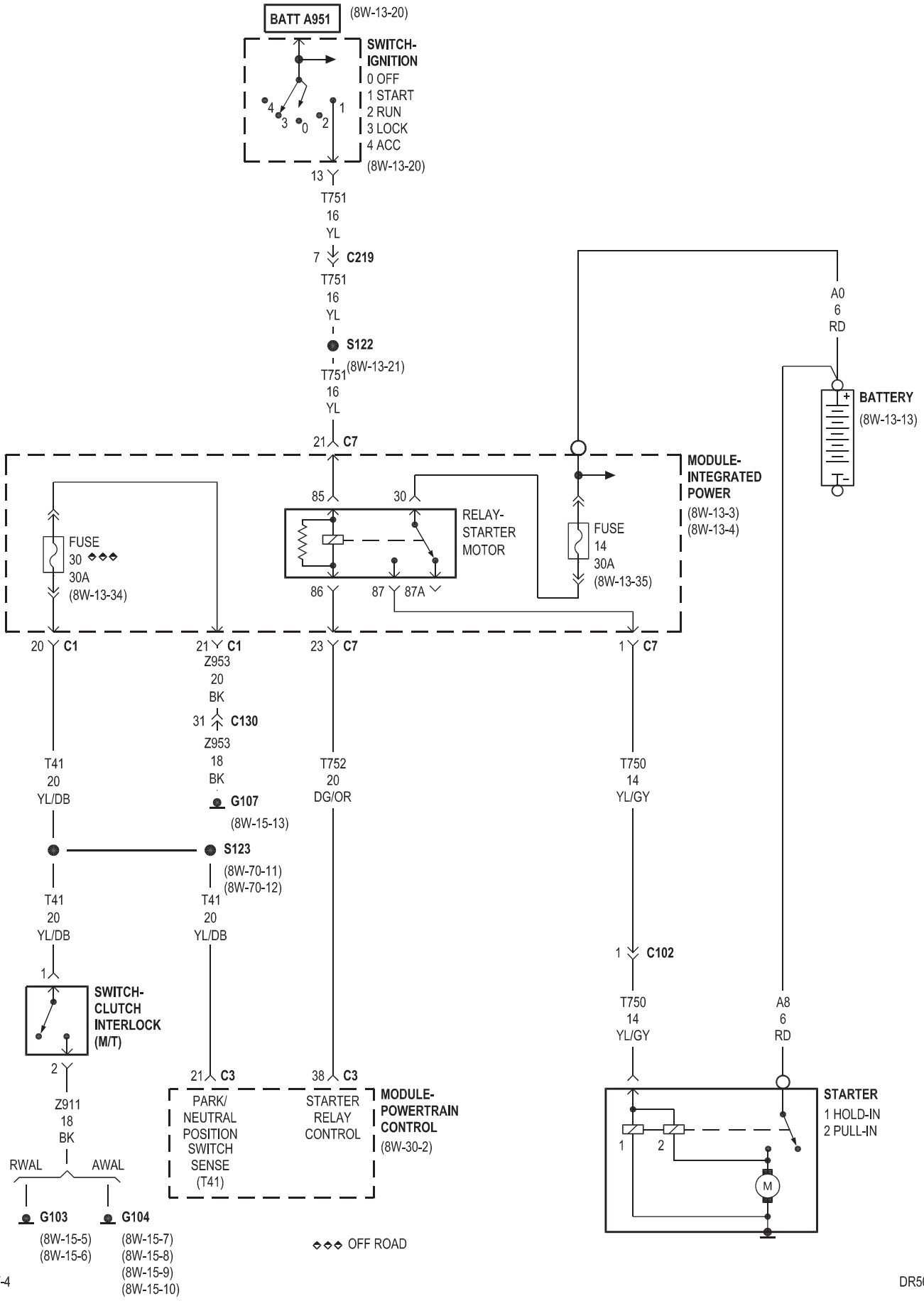
Component	Page
Assembly-Natural Vacuum Leak Detection	8W-20-2
Battery	8W-20-2, 3
Battery-Auxiliary	8W-20-3
Fuse 12	8W-20-3
Fuse 23	8W-20-2
Fusible Link	8W-20-2, 3
G100	8W-20-2, 3
G101	8W-20-2, 3
G102	8W-20-2, 3
G107	8W-20-2
G108	8W-20-3
G109	8W-20-3
G120	8W-20-3
Generator	8W-20-2, 3
Module-Engine Control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

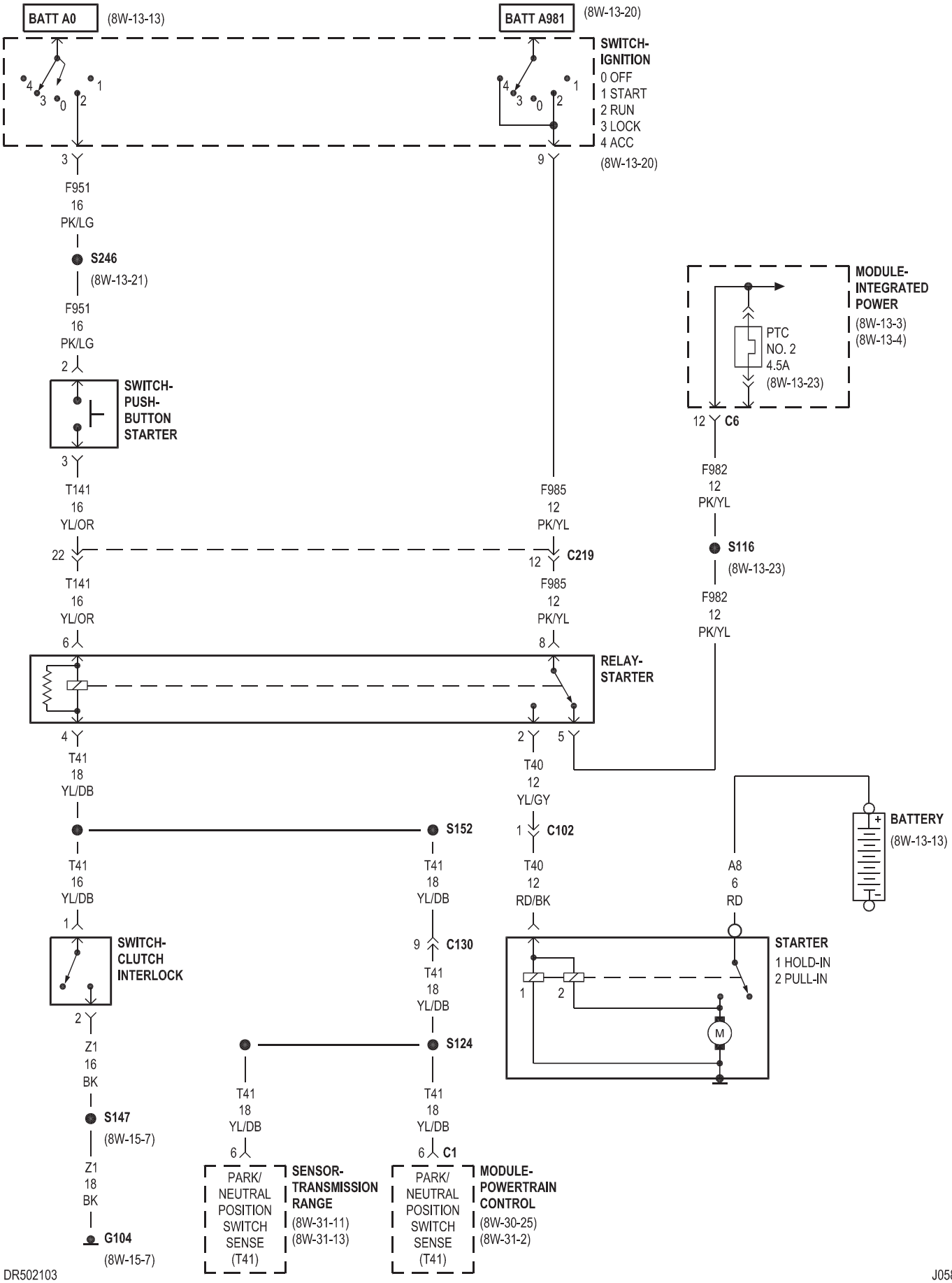

A0 6RD
A11 4BR/RD
BATTERY
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
23
15A
(8W-13-39)
13 C1
SRT
NGC
S118
(8W-13-13)
S196
(8W-13-13)
FUSIBLE
LINK
A11
8
LB
(8W-13-13)
Z3
6
BK
Z2
6
BK
Z1
6
BK
A919
20
RD
SRT
NGC
S115
(8W-13-13)
G100
(8W-15-2)
G101
(8W-15-2)
G102
(8W-15-2)
S110
(8W-13-39)
A11
4
BR/RD
GENERATOR
EXCEPT
SRT
SRT
A919
16
RD
A919
20
RD
11 C130
EXCEPT
SRT
SRT
A919
16
RD
A919
20
RD
2
1
1
2
NGC
SRT
K125
18
BR/DG
Z20
18
BR/BK
S138
K125
18
BR/DG
G107
(8W-15-14)
15 C130
K125
18
BR/DG
A8
6
RD
K20
18
BR/GY
K125
18
BR/DG
B(+)
STARTER
(8W-21-2)
(8W-21-3)
GENERATOR
SOURCE
ASSEMBLY-
NATURAL
VACUUM
LEAK
DETECTION
(8W-30-12)
S151
(8W-13-28)
K125
18
BR/DG
22
29 C1
10 C2
25 C3
FUSED
B(+)
GEN
FIELD
CONTROL
GENERATOR
SOURCE
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
(8W-30-12)
(8W-31-10)
SRT
NGC


A0 6RD
A1 0RD
BATTERY
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
12
20A
(8W-13-29)
(8W-13-34)
A209
10
RD
S197
(8W-13-13)
FUSIBLE
LINK
A209
16
DB
(8W-13-13)
S166
(8W-13-13)
A209
10
RD
S165
(8W-13-13)
A209
16
RD
40 C2
30 C2
20 C2
FUSED
B(+)
MODULE-
ENGINE
CONTROL
(8W-30-30)
BATTERY-
AUXILIARY
(8W-13-13)
FUSIBLE
LINK
A11
8
LB
(8W-13-13)
Z3
8
BK
Z2
0
BK
Z1
10
BK
Z0
0
BK
Z0
8
BK
G100
(8W-15-2)
G101
(8W-15-2)
G102
(8W-15-2)
G108
(8W-15-2)
G109
(8W-15-2)
S115
(8W-13-13)
A11
4
BR/RD
GENERATOR
A8
0
RD
B(+)
STARTER
(8W-21-2)
(8W-21-3)
(8W-21-4)
2
K20
18
BR/GY
7 C1
GEN
FIELD
CONTROL
MODULE-
ENGINE
CONTROL
(8W-30-39)
1
Z816
18
BK
S176
(8W-15-16)
Z816
12
BK
G120
(8W-15-16)

8W-21 STARTING SYSTEM

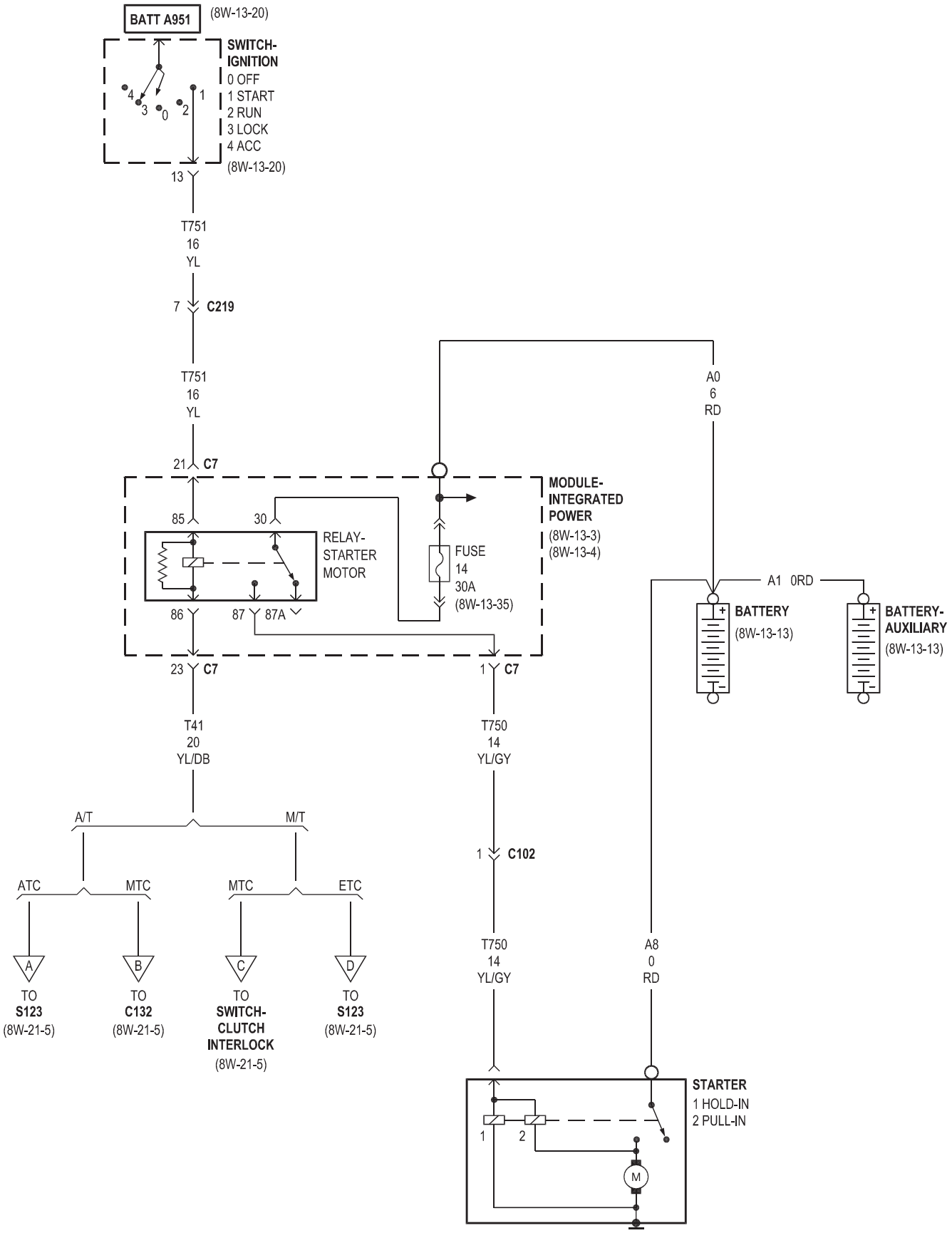
Component	Page
Battery	8W-21-2, 3, 4
Battery-Auxiliary	8W-21-4
Fuse 14	8W-21-2, 4
Fuse 30	8W-21-2
G103	8W-21-2
G104	8W-21-2, 3, 5
G107	8W-21-2
Module-Engine Control	8W-21-5
Module-Integrated Power	8W-21-2, 3, 4, 5
Module-Powertrain Control	8W-21-2, 3
Module-Transfer Case Control	8W-21-5
PTC No. 2	8W-21-3
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

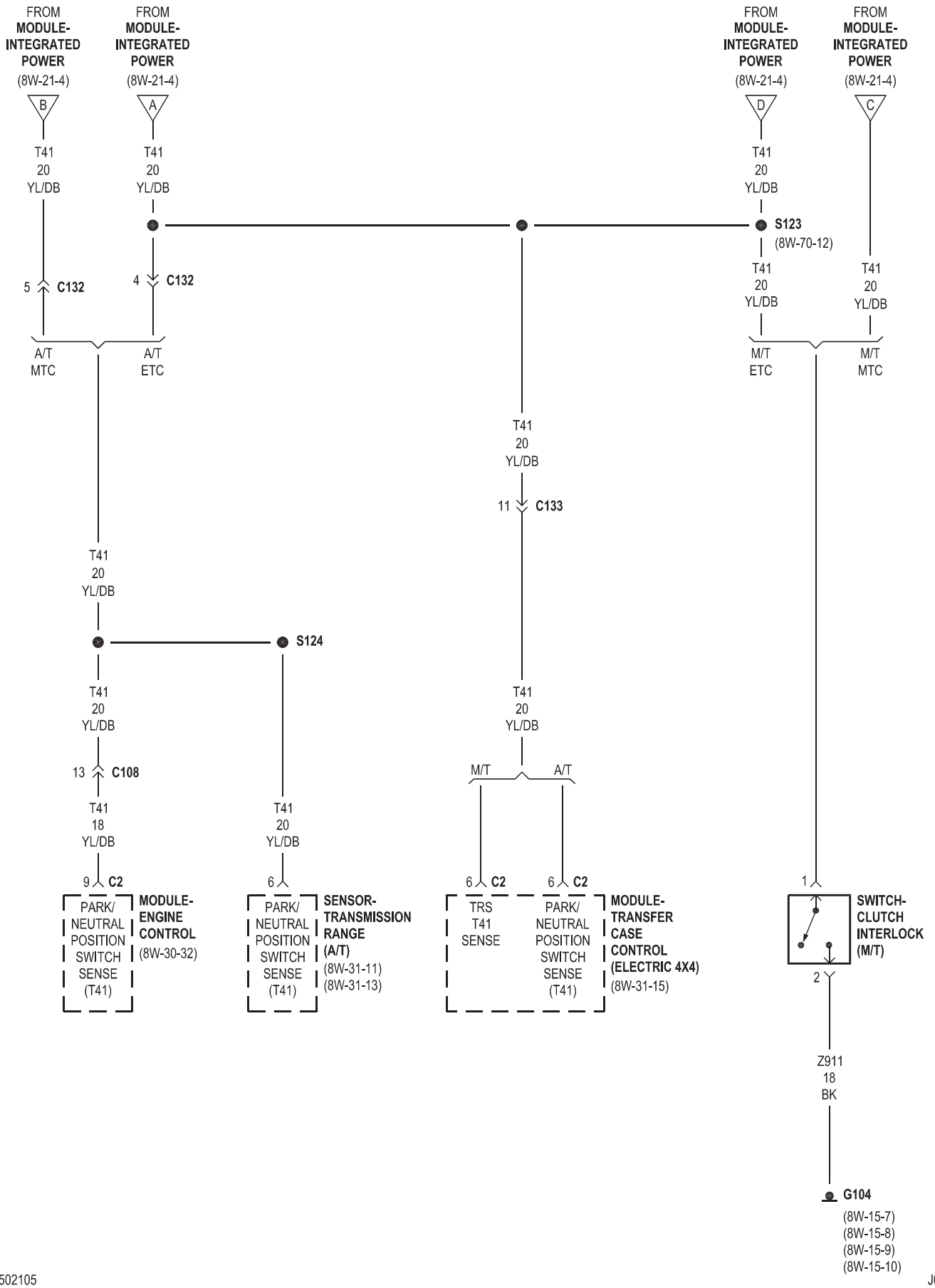

BATT A951
(8W-13-20)
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-13-20)
13
T751
16
YL
7 C219
T751
16
YL
S122
T751
16
YL
(8W-13-21)
21 C7
A0
6
RD
BATTERY
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE
30
30A
(8W-13-34)
85
30
RELAY-STARTER MOTOR
86
87
87A
FUSE
14
30A
(8W-13-35)
20 C1
21 C1
Z953
20
BK
31 C130
Z953
18
BK
G107
(8W-15-13)
23 C7
T752
20
DG/OR
1 C7
T750
14
YL/GY
T41
20
YL/DB
S123
(8W-70-11)
(8W-70-12)
T41
20
YL/DB
T41
20
YL/DB
1 C102
T750
14
YL/GY
A8
6
RD
1
SWITCH-CLUTCH INTERLOCK (M/T)
2
Z911
18
BK
RWAL
AWAL
G103
(8W-15-5)
(8W-15-6)
G104
(8W-15-7)
(8W-15-8)
(8W-15-9)
(8W-15-10)
21 C3
PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
38 C3
STARTER RELAY CONTROL
MODULE-POWERTRAIN CONTROL
(8W-30-2)
STARTER
1 HOLD-IN
2 PULL-IN
1
2
M
OFF ROAD



DR502103

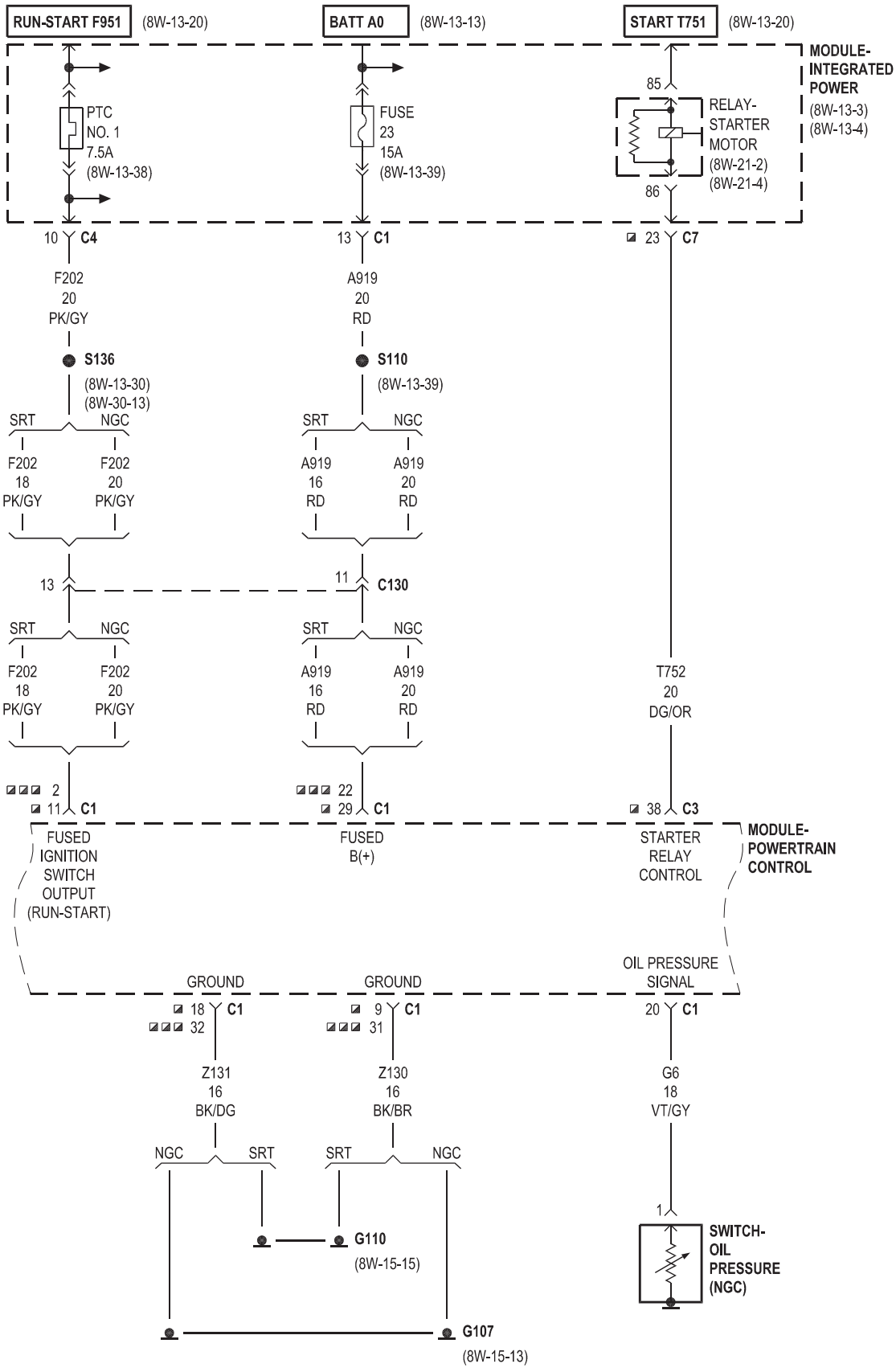
J058W-4

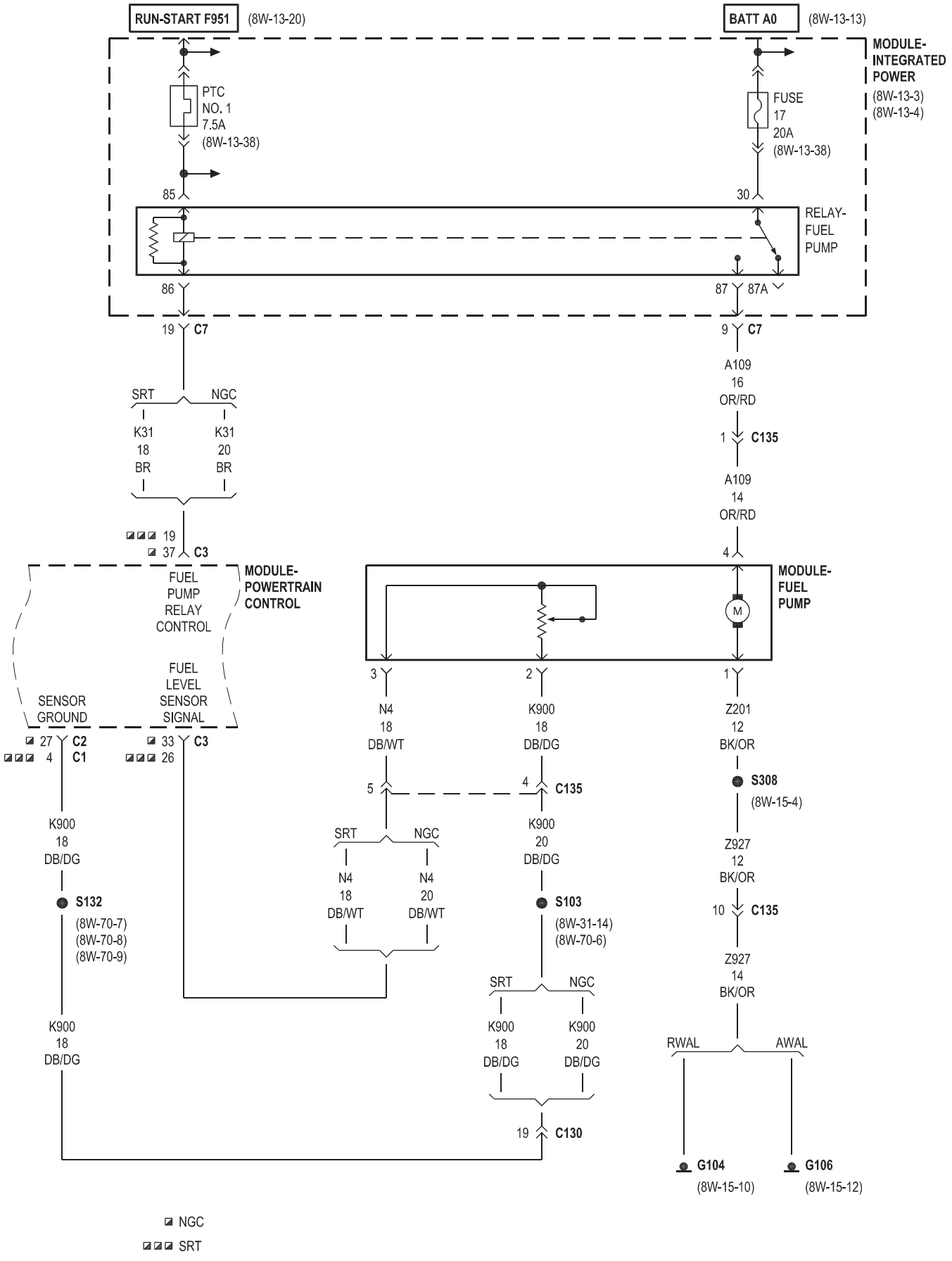

BATT A951
(8W-13-20)
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-13-20)
13
T751
16
YL
7
C219
T751
16
YL
21
C7
A0
6
RD
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
85
30
RELAY-STARTER MOTOR
FUSE
14
30A
(8W-13-35)
86
87
87A
A1 0RD
BATTERY
(8W-13-13)
BATTERY-AUXILIARY
(8W-13-13)
23
C7
1
C7
T41
20
YL/DB
T750
14
YL/GY
A/T
M/T
1
C102
ATC
MTC
MTC
ETC
A
B
C
D
TO S123
(8W-21-5)
TO C132
(8W-21-5)
TO SWITCH-CLUTCH INTERLOCK
(8W-21-5)
TO S123
(8W-21-5)
T750
14
YL/GY
A8
0
RD
STARTER
1 HOLD-IN
2 PULL-IN
1
2
M

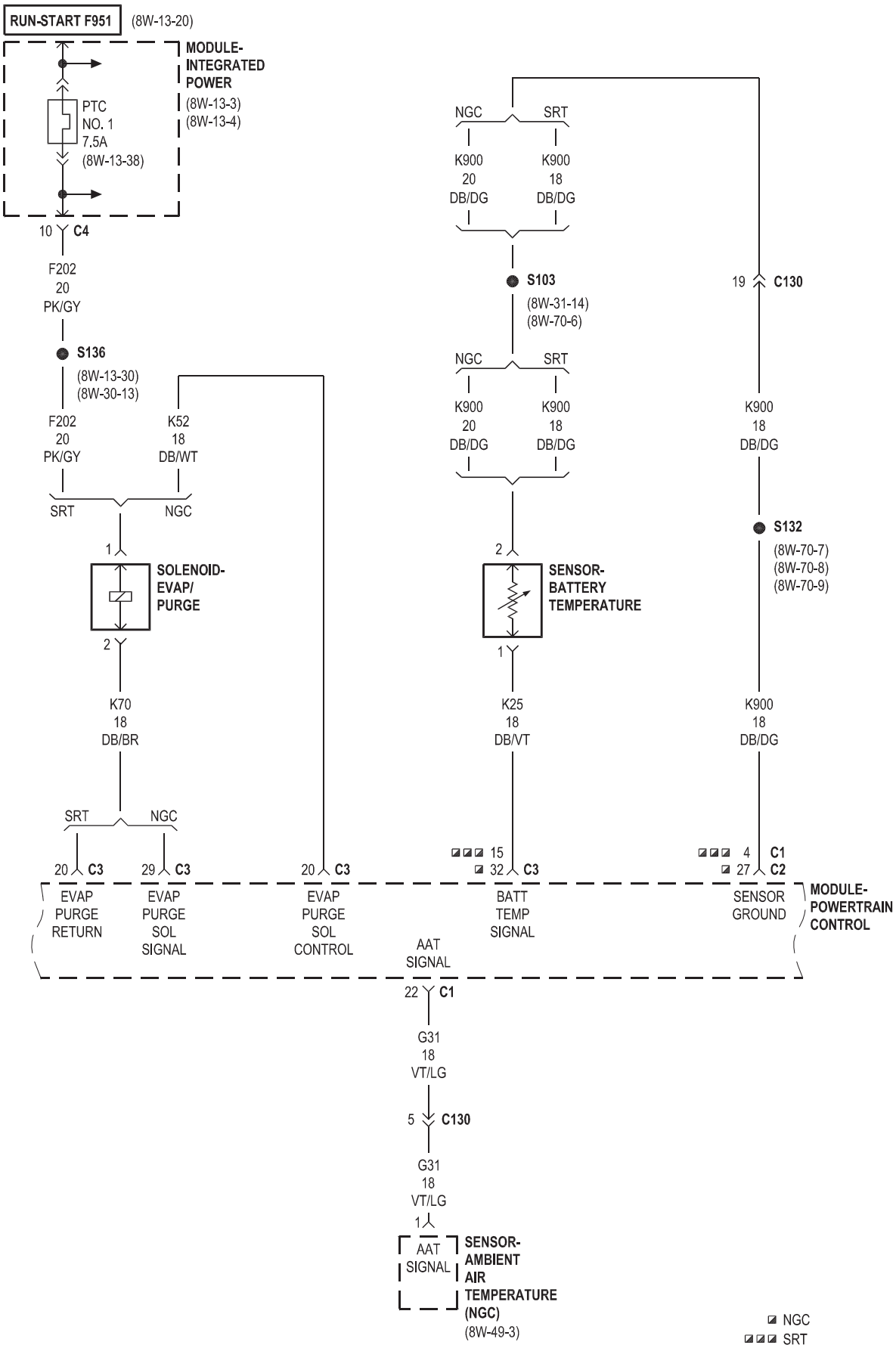

FROM MODULE-INTEGRATED POWER (8W-21-4)
B
A
D
C
T41 20 YL/DB
S123
(8W-70-12)
5 C132
4 C132
A/T MTC
A/T ETC
M/T ETC
M/T MTC
T41 20 YL/DB
11 C133
S124
13 C108
T41 18 YL/DB
9 C2
PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
MODULE-ENGINE CONTROL (8W-30-32)
6 C2
SENSOR-TRANSMISSION RANGE (A/T) (8W-31-11) (8W-31-13)
M/T
A/T
TRS T41 SENSE
MODULE-TRANSFER CASE CONTROL (ELECTRIC 4X4) (8W-31-15)
1
SWITCH-CLUTCH INTERLOCK (M/T)
2
Z911 18 BK
G104
(8W-15-7)
(8W-15-8)
(8W-15-9)
(8W-15-10)

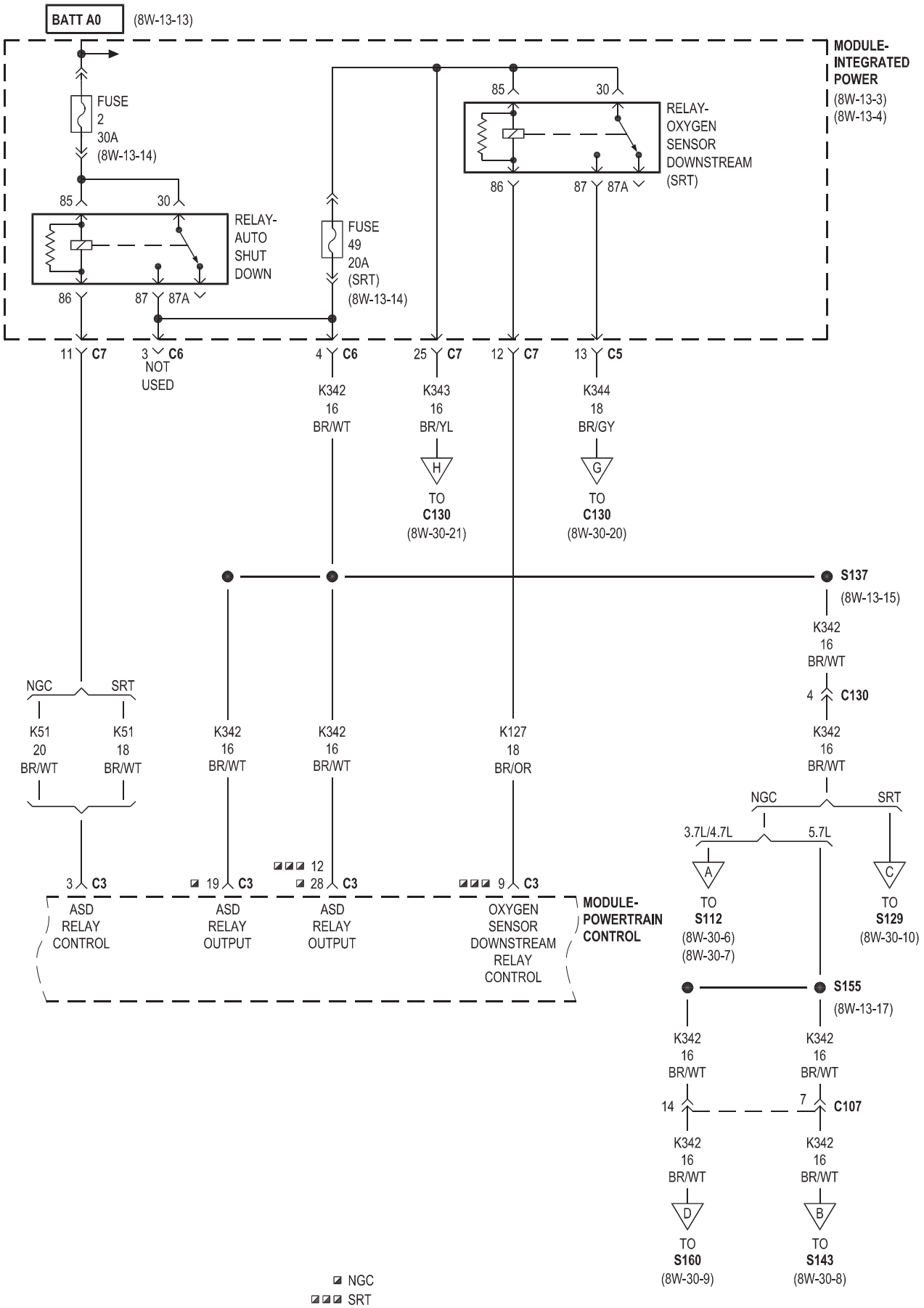
8W-30 FUEL/IGNITION SYSTEM

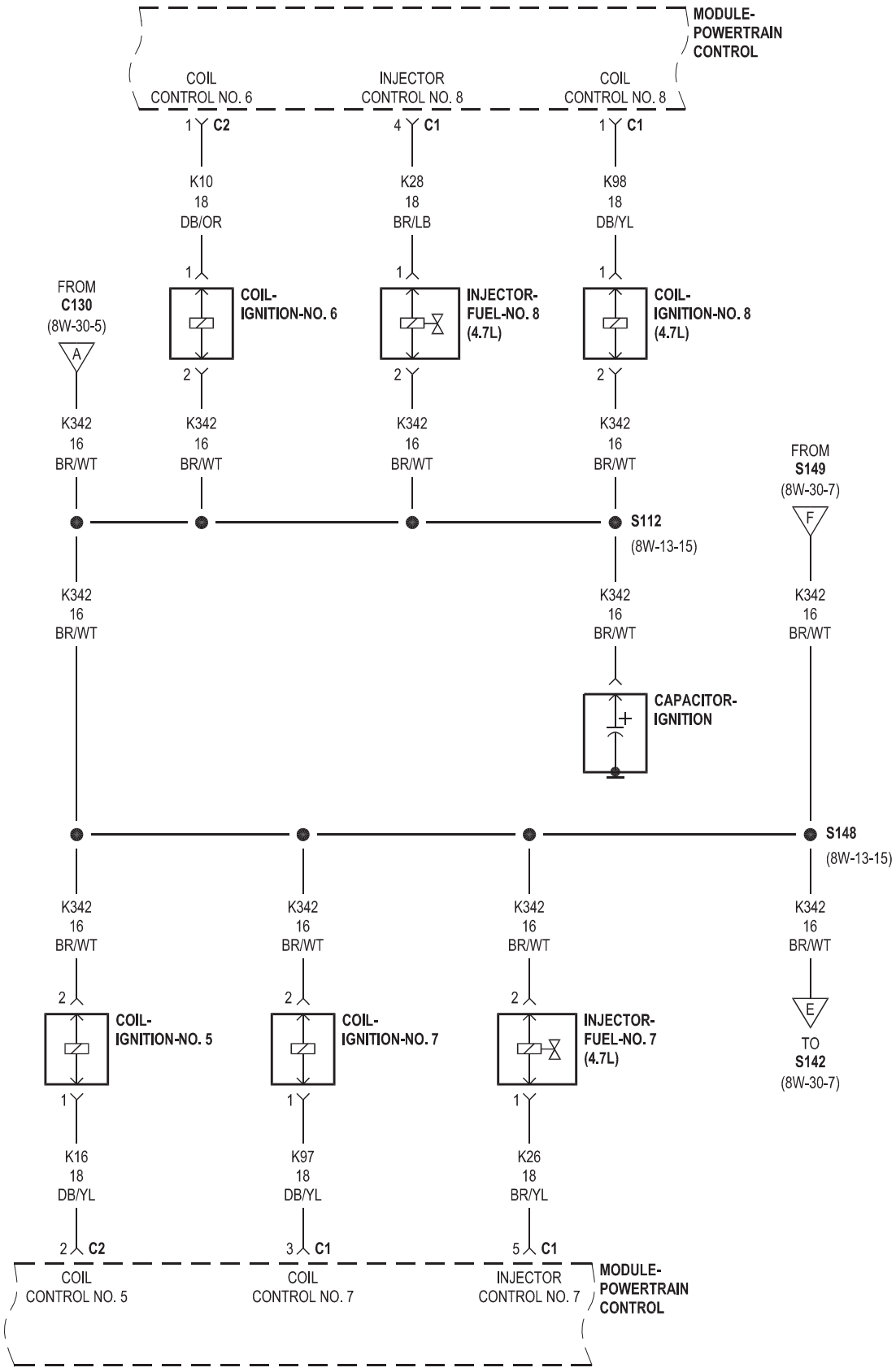
Component	Page
Actuator-Fuel Control	8W-30-39
Assembly-EGR Valve	8W-30-26
Assembly-Natural Vacuum Leak Detection	8W-30-12
Assembly-Transmission Solenoid	8W-30-43, 44
Assembly-Transmission Throttle Valve	8W-30-44
Battery	8W-30-29, 30
Capacitor-Ignition	8W-30-6
Clockspring	8W-30-13, 27, 37
Coil-Ignition-Left	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
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

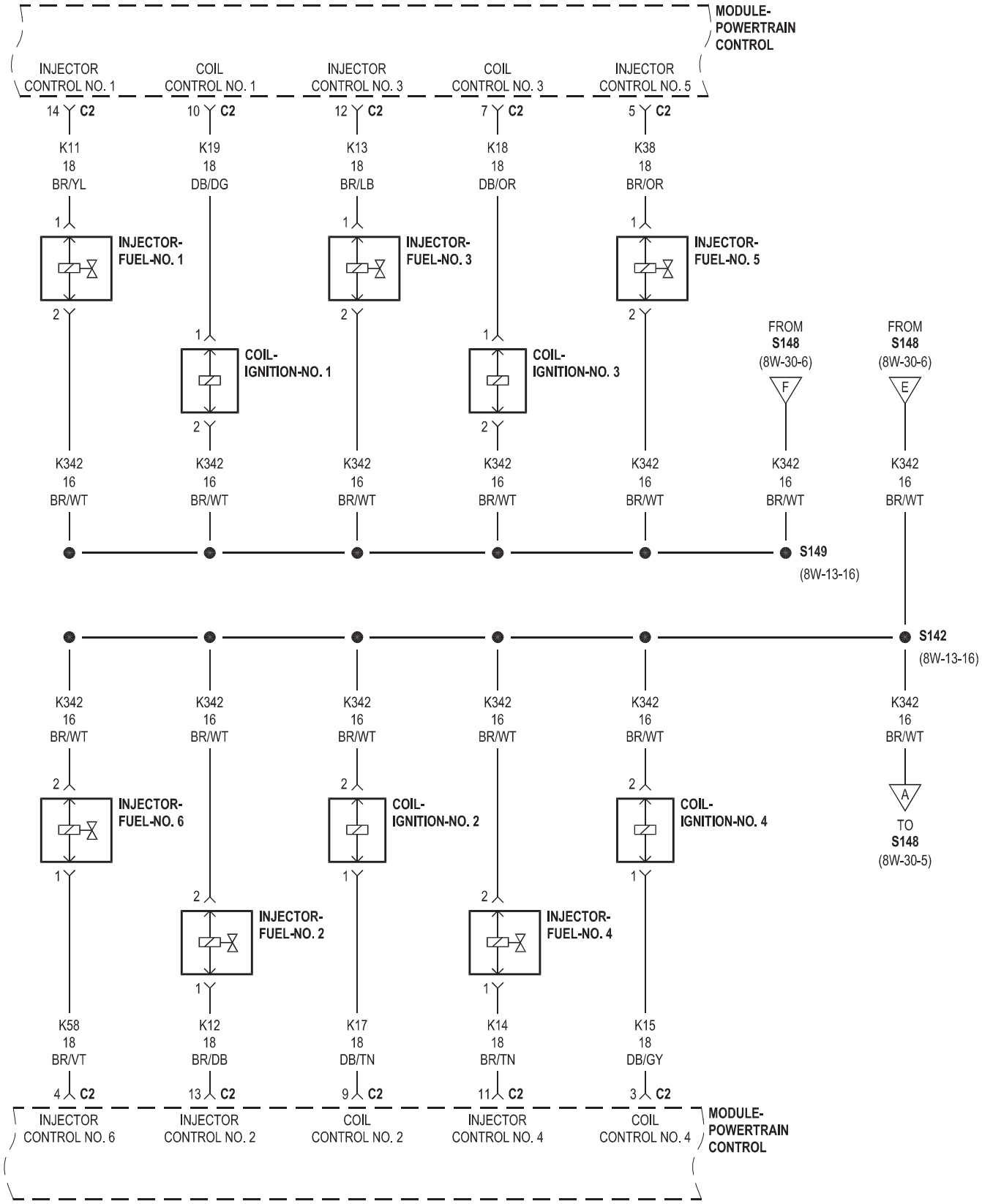

RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
START T751
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
PTC
NO. 1
7.5A
(8W-13-38)
FUSE
23
15A
(8W-13-39)
85
RELAY-
STARTER
MOTOR
(8W-21-2)
(8W-21-4)
86
10 C4
13 C1
23 C7
F202
20
PK/GY
A919
20
RD
S136
(8W-13-30)
(8W-30-13)
S110
(8W-13-39)
SRT
NGC
F202
18
PK/GY
F202
20
PK/GY
A919
16
RD
A919
20
RD
13
11 C130
T752
20
DG/OR
2
11 C1
22
29 C1
38 C3
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSED
B(+)
STARTER
RELAY
CONTROL
MODULE-
POWERTRAIN
CONTROL
GROUND
GROUND
OIL PRESSURE
SIGNAL
18
32 C1
9
31 C1
20 C1
Z131
16
BK/DG
Z130
16
BK/BR
G6
18
VT/GY
1
G110
(8W-15-15)
SWITCH-
OIL
PRESSURE
(NGC)
G107
(8W-15-13)
NGC
SRT

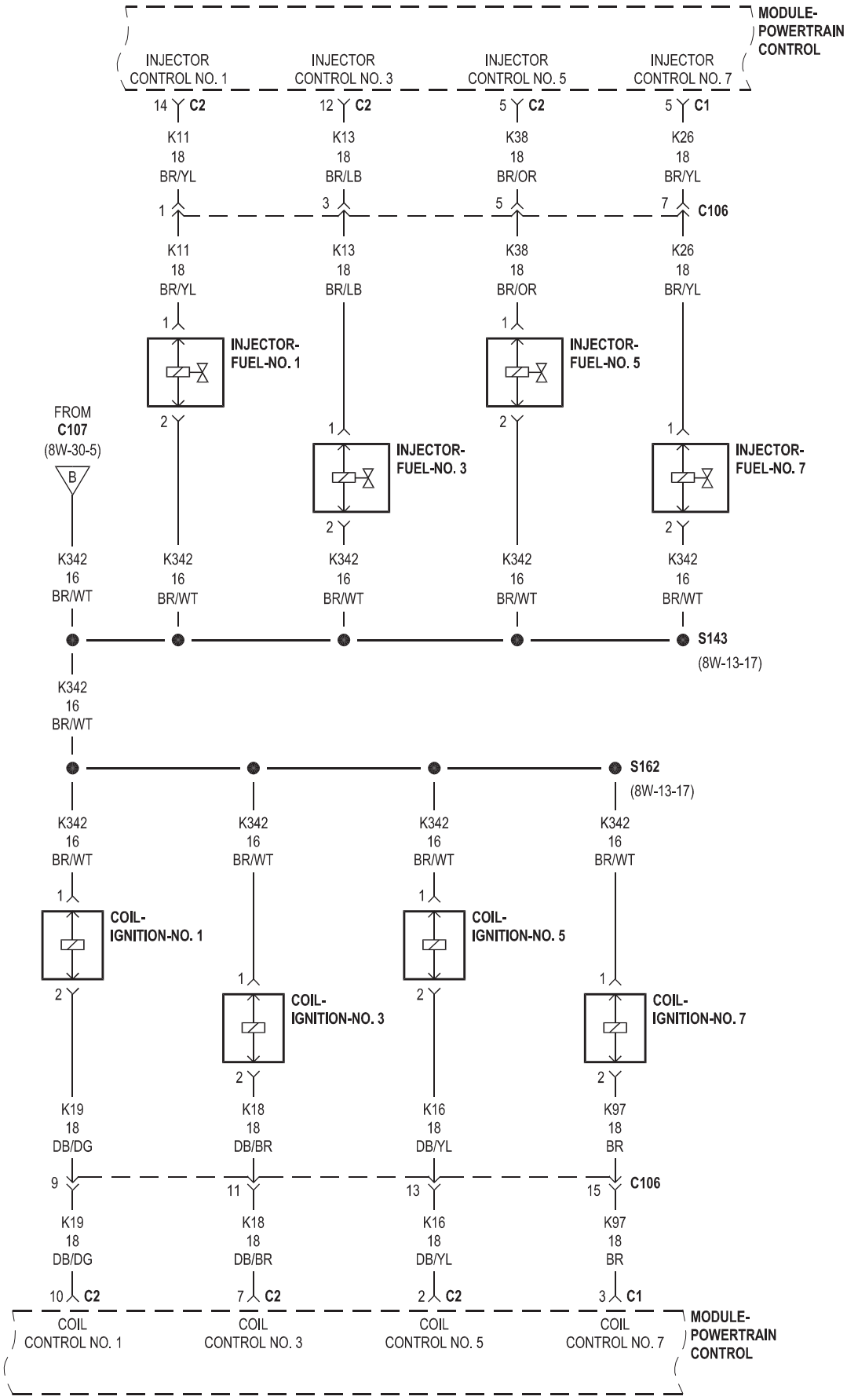

RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
PTC NO. 1 7.5A
(8W-13-38)
FUSE 17 20A
(8W-13-38)
85
30
RELAY-FUEL PUMP
86
87
87A
19 C7
9 C7
A109 16 OR/RD
1 C135
A109 14 OR/RD
4
SRT
NGC
K31 18 BR
K31 20 BR
19
37 C3
MODULE-POWERTRAIN CONTROL
FUEL PUMP RELAY CONTROL
FUEL LEVEL SENSOR SIGNAL
SENSOR GROUND
MODULE-FUEL PUMP
M
3
2
1
N4 18 DB/WT
K900 18 DB/DG
Z201 12 BK/OR
27 C2
4 C1
33 C3
26
5
4 C135
S308
(8W-15-4)
K900 18 DB/DG
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)
SRT
NGC
N4 18 DB/WT
N4 20 DB/WT
K900 20 DB/DG
S103
(8W-31-14)
(8W-70-6)
Z927 12 BK/OR
10 C135
Z927 14 BK/OR
K900 18 DB/DG
K900 18 DB/DG
K900 20 DB/DG
RWAL
AWAL
19 C130
G104
(8W-15-10)
G106
(8W-15-12)
NGC
SRT

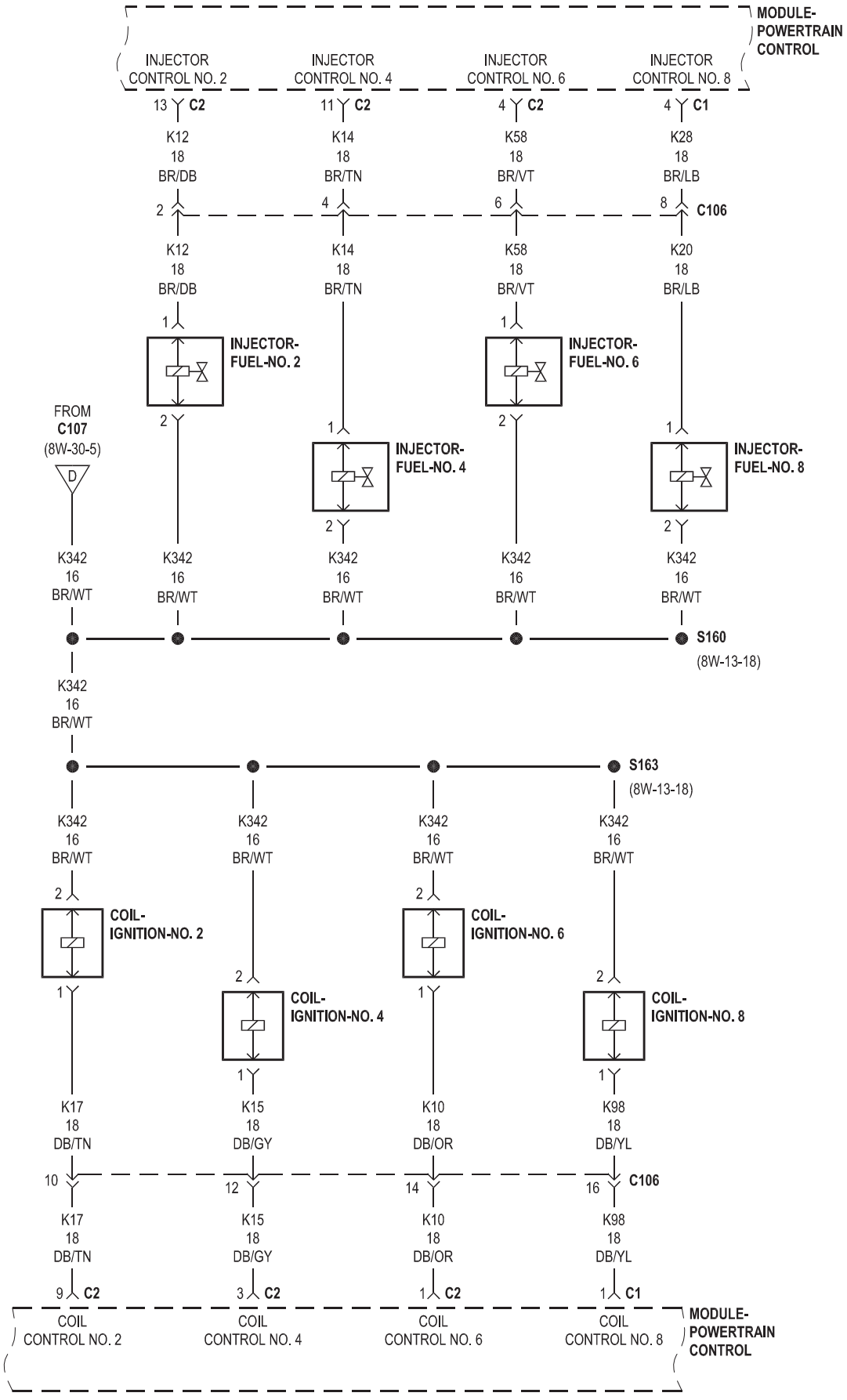

RUN-START F951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
PTC
NO. 1
7.5A
(8W-13-38)
10 C4
F202
20
PK/GY
S136
(8W-13-30)
(8W-30-13)
F202
20
PK/GY
K52
18
DB/WT
SRT
NGC
1
SOLENOID-
EVAP/
PURGE
2
K70
18
DB/BR
SRT
NGC
20 C3
29 C3
20 C3
EVAP
PURGE
RETURN
EVAP
PURGE
SOL
SIGNAL
EVAP
PURGE
SOL
CONTROL
NGC
SRT
K900
20
DB/DG
K900
18
DB/DG
S103
(8W-31-14)
(8W-70-6)
NGC
SRT
K900
20
DB/DG
K900
18
DB/DG
2
SENSOR-
BATTERY
TEMPERATURE
1
K25
18
DB/VT
15
32 C3
BATT
TEMP
SIGNAL
19 C130
K900
18
DB/DG
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)
K900
18
DB/DG
4 C1
27 C2
SENSOR
GROUND
MODULE-
POWERTRAIN
CONTROL
AAT
SIGNAL
22 C1
G31
18
VT/LG
5 C130
G31
18
VT/LG
1
AAT
SIGNAL
SENSOR-
AMBIENT
AIR
TEMPERATURE
(NGC)
(8W-49-3)
NGC
SRT

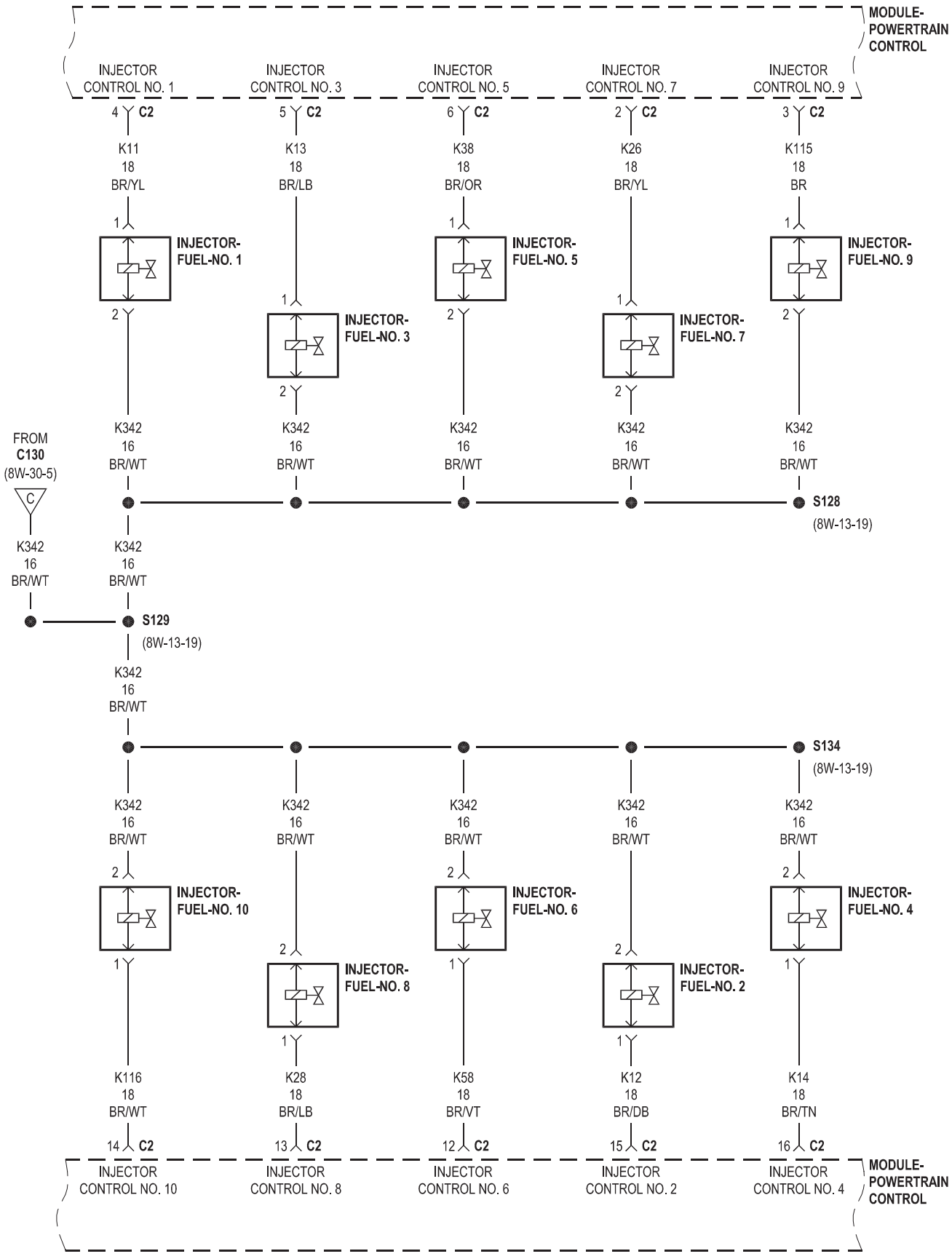

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
2
30A
(8W-13-14)
RELAY-
AUTO
SHUT
DOWN
FUSE
49
20A
(SRT)
(8W-13-14)
RELAY-
OXYGEN
SENSOR
DOWNSTREAM
(SRT)
85
30
86
87
87A
11 C7
3 C6
NOT
USED
4 C6
25 C7
12 C7
13 C5
K342
16
BR/WT
K343
16
BR/YL
K344
18
BR/GY
H
TO
C130
(8W-30-21)
G
TO
C130
(8W-30-20)
S137
(8W-13-15)
K342
16
BR/WT
4 C130
NGC
SRT
K51
20
BR/WT
K51
18
BR/WT
K342
16
BR/WT
K342
16
BR/WT
K127
18
BR/OR
3.7L/4.7L
5.7L
A
TO
S112
(8W-30-6)
(8W-30-7)
C
TO
S129
(8W-30-10)
3 C3
19 C3
12
28 C3
9 C3
ASD
RELAY
CONTROL
ASD
RELAY
OUTPUT
ASD
RELAY
OUTPUT
OXYGEN
SENSOR
DOWNSTREAM
RELAY
CONTROL
MODULE-
POWERTRAIN
CONTROL
S155
(8W-13-17)
K342
16
BR/WT
14
7 C107
D
TO
S160
(8W-30-9)
B
TO
S143
(8W-30-8)
NGC
SRT

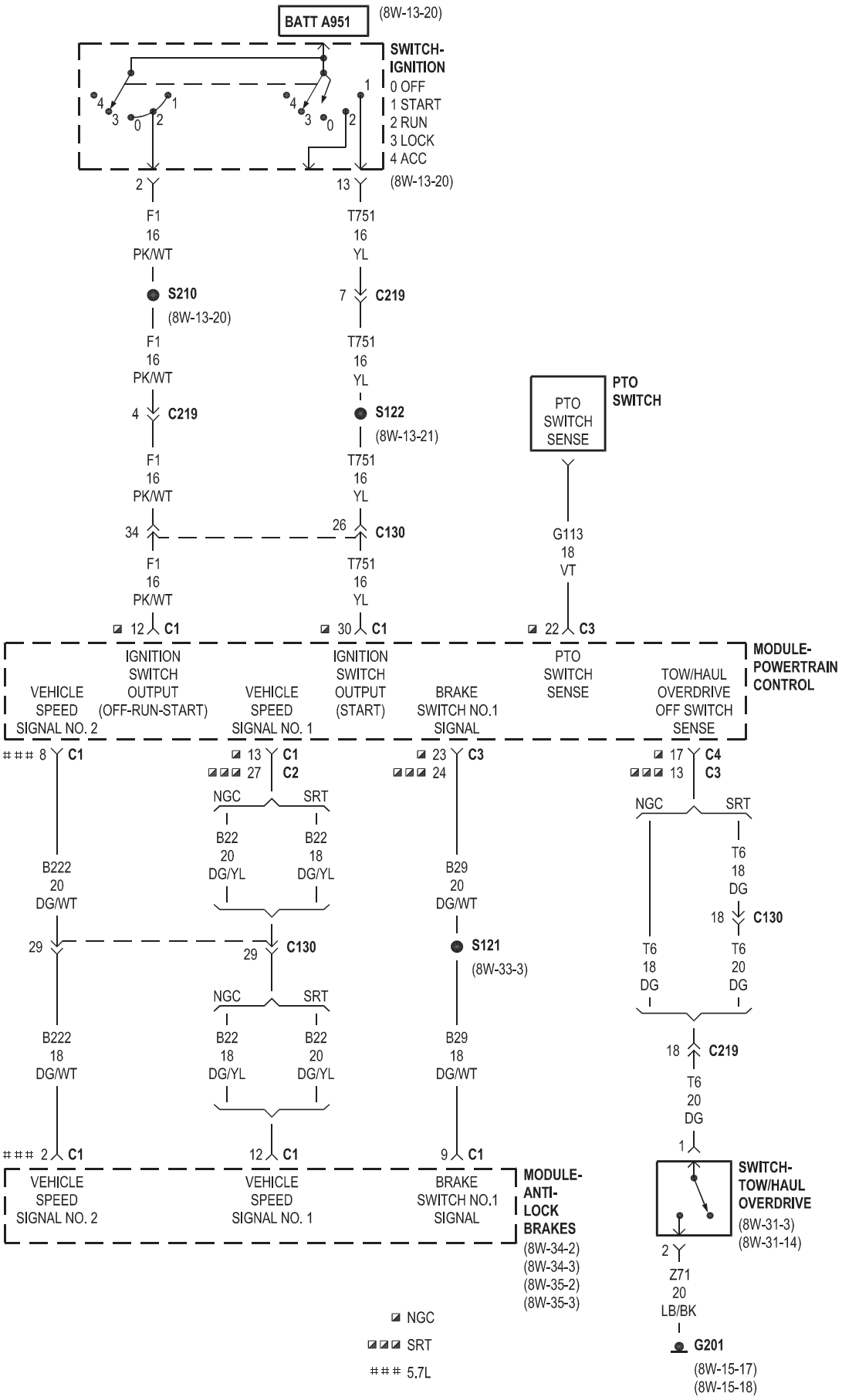

MODULE-
POWERTRAIN
CONTROL
COIL
CONTROL NO. 6
INJECTOR
CONTROL NO. 8
COIL
CONTROL NO. 8
1 C2
4 C1
1 C1
K10
18
DB/OR
K28
18
BR/LB
K98
18
DB/YL
FROM
C130
(8W-30-5)
A
COIL-
IGNITION-NO. 6
INJECTOR-
FUEL-NO. 8
(4.7L)
COIL-
IGNITION-NO. 8
(4.7L)
K342
16
BR/WT
S112
(8W-13-15)
FROM
S149
(8W-30-7)
F
CAPACITOR-
IGNITION
S148
(8W-13-15)
COIL-
IGNITION-NO. 5
COIL-
IGNITION-NO. 7
INJECTOR-
FUEL-NO. 7
(4.7L)
TO
S142
(8W-30-7)
E
K16
18
DB/YL
K97
18
DB/YL
K26
18
BR/YL
2 C2
3 C1
5 C1
COIL
CONTROL NO. 5
COIL
CONTROL NO. 7
INJECTOR
CONTROL NO. 7
MODULE-
POWERTRAIN
CONTROL

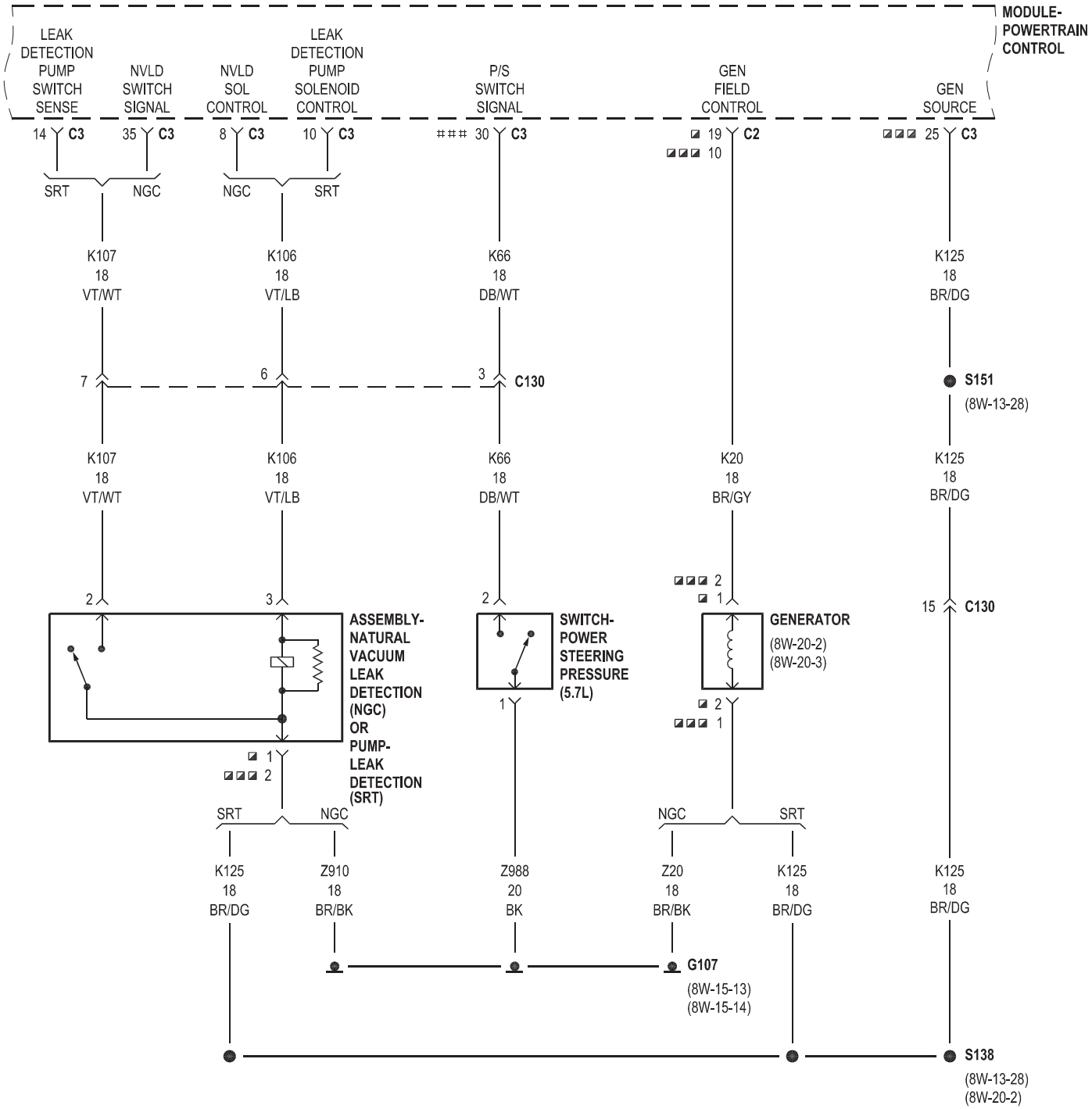

MODULE-POWERTRAIN CONTROL
INJECTOR CONTROL NO. 1
COIL CONTROL NO. 1
INJECTOR CONTROL NO. 3
COIL CONTROL NO. 3
INJECTOR CONTROL NO. 5
14 C2
10 C2
12 C2
7 C2
5 C2
K11 18 BR/YL
K19 18 DB/DG
K13 18 BR/LB
K18 18 DB/OR
K38 18 BR/OR
INJECTOR-FUEL-NO. 1
INJECTOR-FUEL-NO. 3
INJECTOR-FUEL-NO. 5
COIL-IGNITION-NO. 1
COIL-IGNITION-NO. 3
FROM S148 (8W-30-6)
FROM S148 (8W-30-6)
K342 16 BR/WT
S149 (8W-13-16)
S142 (8W-13-16)
INJECTOR-FUEL-NO. 6
COIL-IGNITION-NO. 2
COIL-IGNITION-NO. 4
INJECTOR-FUEL-NO. 2
INJECTOR-FUEL-NO. 4
TO S148 (8W-30-5)
K58 18 BR/VT
K12 18 BR/DB
K17 18 DB/TN
K14 18 BR/TN
K15 18 DB/GY
4 C2
13 C2
9 C2
11 C2
3 C2
INJECTOR CONTROL NO. 6
INJECTOR CONTROL NO. 2
COIL CONTROL NO. 2
INJECTOR CONTROL NO. 4
COIL CONTROL NO. 4
MODULE-POWERTRAIN CONTROL


MODULE-
POWERTRAIN
CONTROL
INJECTOR
CONTROL NO. 1
INJECTOR
CONTROL NO. 3
INJECTOR
CONTROL NO. 5
INJECTOR
CONTROL NO. 7
14 C2
12 C2
5 C2
5 C1
K11
18
BR/YL
K13
18
BR/LB
K38
18
BR/OR
K26
18
BR/YL
1
3
5
7
C106
INJECTOR-
FUEL-NO. 1
INJECTOR-
FUEL-NO. 3
INJECTOR-
FUEL-NO. 5
INJECTOR-
FUEL-NO. 7
FROM
C107
(8W-30-5)
B
K342
16
BR/WT
S143
(8W-13-17)
S162
(8W-13-17)
COIL-
IGNITION-NO. 1
COIL-
IGNITION-NO. 3
COIL-
IGNITION-NO. 5
COIL-
IGNITION-NO. 7
K19
18
DB/DG
K18
18
DB/BR
K16
18
DB/YL
K97
18
BR
9
11
13
15
10 C2
7 C2
2 C2
3 C1
COIL
CONTROL NO. 1
COIL
CONTROL NO. 3
COIL
CONTROL NO. 5
COIL
CONTROL NO. 7
MODULE-
POWERTRAIN
CONTROL


MODULE-POWERTRAIN CONTROL
INJECTOR CONTROL NO. 2
INJECTOR CONTROL NO. 4
INJECTOR CONTROL NO. 6
INJECTOR CONTROL NO. 8
13 C2
11 C2
4 C2
4 C1
K12 18 BR/DB
K14 18 BR/TN
K58 18 BR/VT
K28 18 BR/LB
2
4
6
8 C106
K12 18 BR/DB
K14 18 BR/TN
K58 18 BR/VT
K20 18 BR/LB
1
INJECTOR-FUEL-NO. 2
INJECTOR-FUEL-NO. 6
INJECTOR-FUEL-NO. 4
INJECTOR-FUEL-NO. 8
2
FROM C107 (8W-30-5)
D
K342 16 BR/WT
S160
(8W-13-18)
S163
(8W-13-18)
COIL-IGNITION-NO. 2
COIL-IGNITION-NO. 4
COIL-IGNITION-NO. 6
COIL-IGNITION-NO. 8
K17 18 DB/TN
K15 18 DB/GY
K10 18 DB/OR
K98 18 DB/YL
10
12
14
16 C106
9 C2
3 C2
1 C2
1 C1
COIL CONTROL NO. 2
COIL CONTROL NO. 4
COIL CONTROL NO. 6
COIL CONTROL NO. 8
MODULE-POWERTRAIN CONTROL


MODULE-
POWERTRAIN
CONTROL
INJECTOR
CONTROL NO. 1
INJECTOR
CONTROL NO. 3
INJECTOR
CONTROL NO. 5
INJECTOR
CONTROL NO. 7
INJECTOR
CONTROL NO. 9
4 C2
5 C2
6 C2
2 C2
3 C2
K11
18
BR/YL
K13
18
BR/LB
K38
18
BR/OR
K26
18
BR/YL
K115
18
BR
INJECTOR-
FUEL-NO. 1
INJECTOR-
FUEL-NO. 3
INJECTOR-
FUEL-NO. 5
INJECTOR-
FUEL-NO. 7
INJECTOR-
FUEL-NO. 9
K342
16
BR/WT
FROM
C130
(8W-30-5)
C
S128
(8W-13-19)
S129
(8W-13-19)
S134
(8W-13-19)
INJECTOR-
FUEL-NO. 10
INJECTOR-
FUEL-NO. 8
INJECTOR-
FUEL-NO. 6
INJECTOR-
FUEL-NO. 2
INJECTOR-
FUEL-NO. 4
K116
18
BR/WT
K28
18
BR/LB
K58
18
BR/VT
K12
18
BR/DB
K14
18
BR/TN
14 C2
13 C2
12 C2
15 C2
16 C2
INJECTOR
CONTROL NO. 10
INJECTOR
CONTROL NO. 8
INJECTOR
CONTROL NO. 6
INJECTOR
CONTROL NO. 2
INJECTOR
CONTROL NO. 4
MODULE-
POWERTRAIN
CONTROL

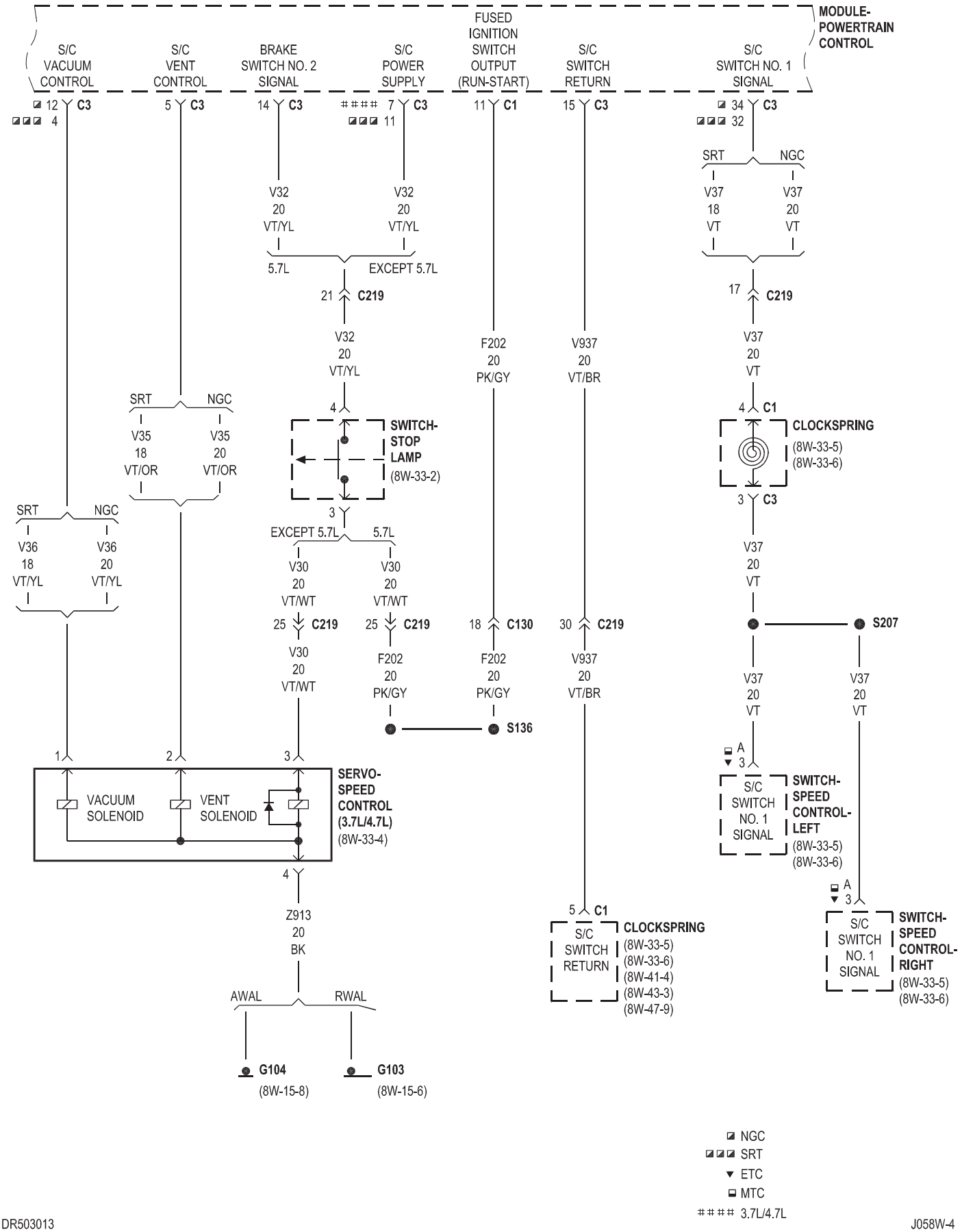

BATT A951
(8W-13-20)
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-13-20)
F1 16 PK/WT
T751 16 YL
S210
(8W-13-20)
C219
S122
(8W-13-21)
C130
PTO SWITCH
PTO SWITCH SENSE
G113 18 VT
MODULE-POWERTRAIN CONTROL
VEHICLE SPEED SIGNAL NO. 2
IGNITION SWITCH OUTPUT (OFF-RUN-START)
VEHICLE SPEED SIGNAL NO. 1
IGNITION SWITCH OUTPUT (START)
BRAKE SWITCH NO.1 SIGNAL
PTO SWITCH SENSE
TOW/HAUL OVERDRIVE OFF SWITCH SENSE
B222 20 DG/WT
B222 18 DG/WT
B22 20 DG/YL
B22 18 DG/YL
B29 20 DG/WT
B29 18 DG/WT
T6 18 DG
T6 20 DG
NGC
SRT
MODULE-ANTI-LOCK BRAKES
(8W-34-2)
(8W-34-3)
(8W-35-2)
(8W-35-3)
SWITCH-TOW/HAUL OVERDRIVE
(8W-31-3)
(8W-31-14)
Z71 20 LB/BK
G201
(8W-15-17)
(8W-15-18)
NGC
SRT
5.7L

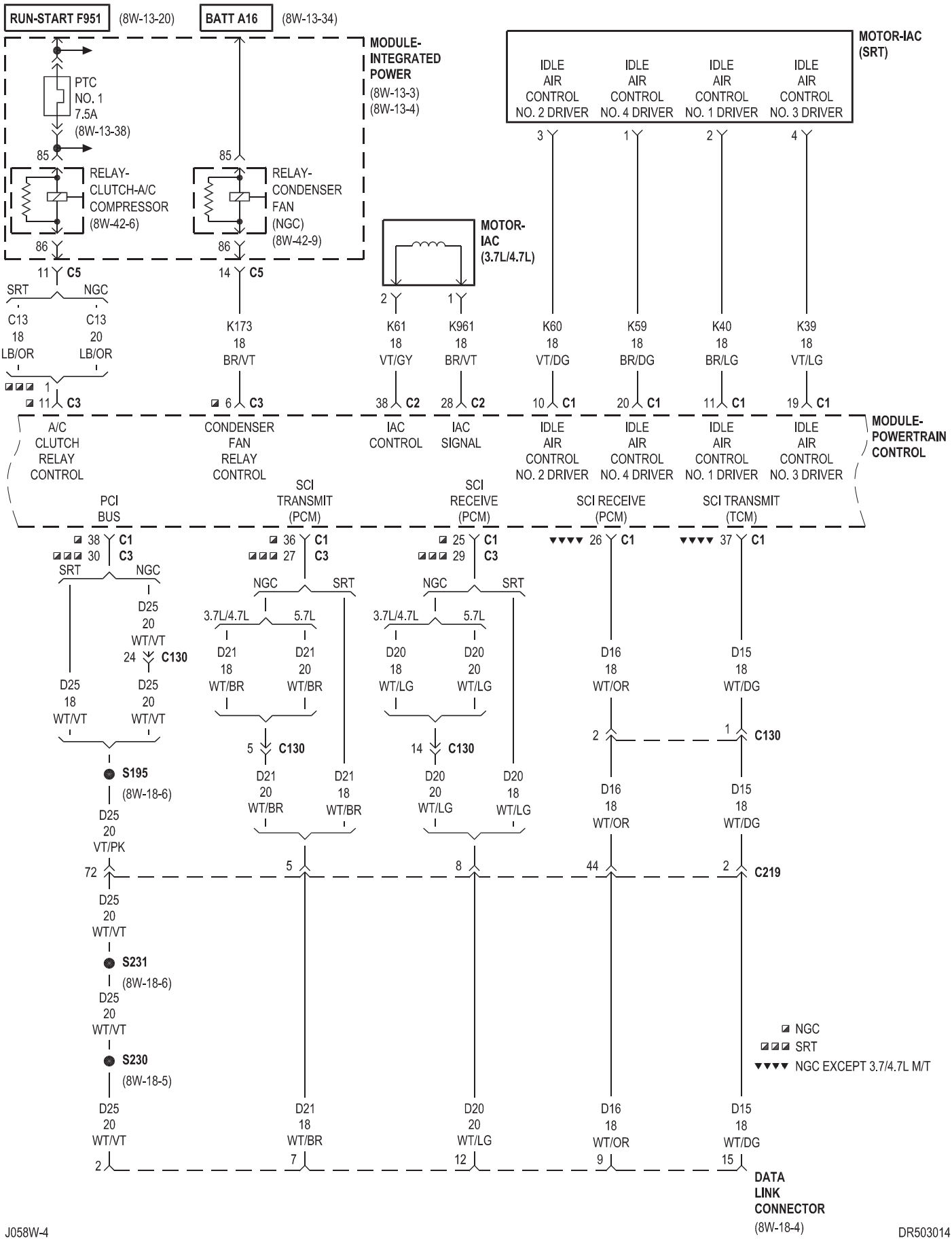

MODULE-
POWERTRAIN
CONTROL
LEAK DETECTION PUMP SWITCH SENSE
NVLD SWITCH SIGNAL
NVLD SOL CONTROL
LEAK DETECTION PUMP SOLENOID CONTROL
P/S SWITCH SIGNAL
GEN FIELD CONTROL
GEN SOURCE
14 C3
35 C3
8 C3
10 C3
30 C3
19 C2
10
25 C3
SRT
NGC
NGC
SRT
K107 18 VT/WT
K106 18 VT/LB
K66 18 DB/WT
K125 18 BR/DG
7
6
3
C130
S151
(8W-13-28)
K107 18 VT/WT
K106 18 VT/LB
K66 18 DB/WT
K20 18 BR/GY
K125 18 BR/DG
2
3
2
2
1
15 C130
ASSEMBLY-NATURAL VACUUM LEAK DETECTION (NGC) OR PUMP-LEAK DETECTION (SRT)
SWITCH-POWER STEERING PRESSURE (5.7L)
GENERATOR
(8W-20-2)
(8W-20-3)
1
2
1
2
1
SRT
NGC
NGC
SRT
K125 18 BR/DG
Z910 18 BR/BK
Z988 20 BK
Z20 18 BR/BK
K125 18 BR/DG
K125 18 BR/DG
G107
(8W-15-13)
(8W-15-14)
S138
(8W-13-28)
(8W-20-2)

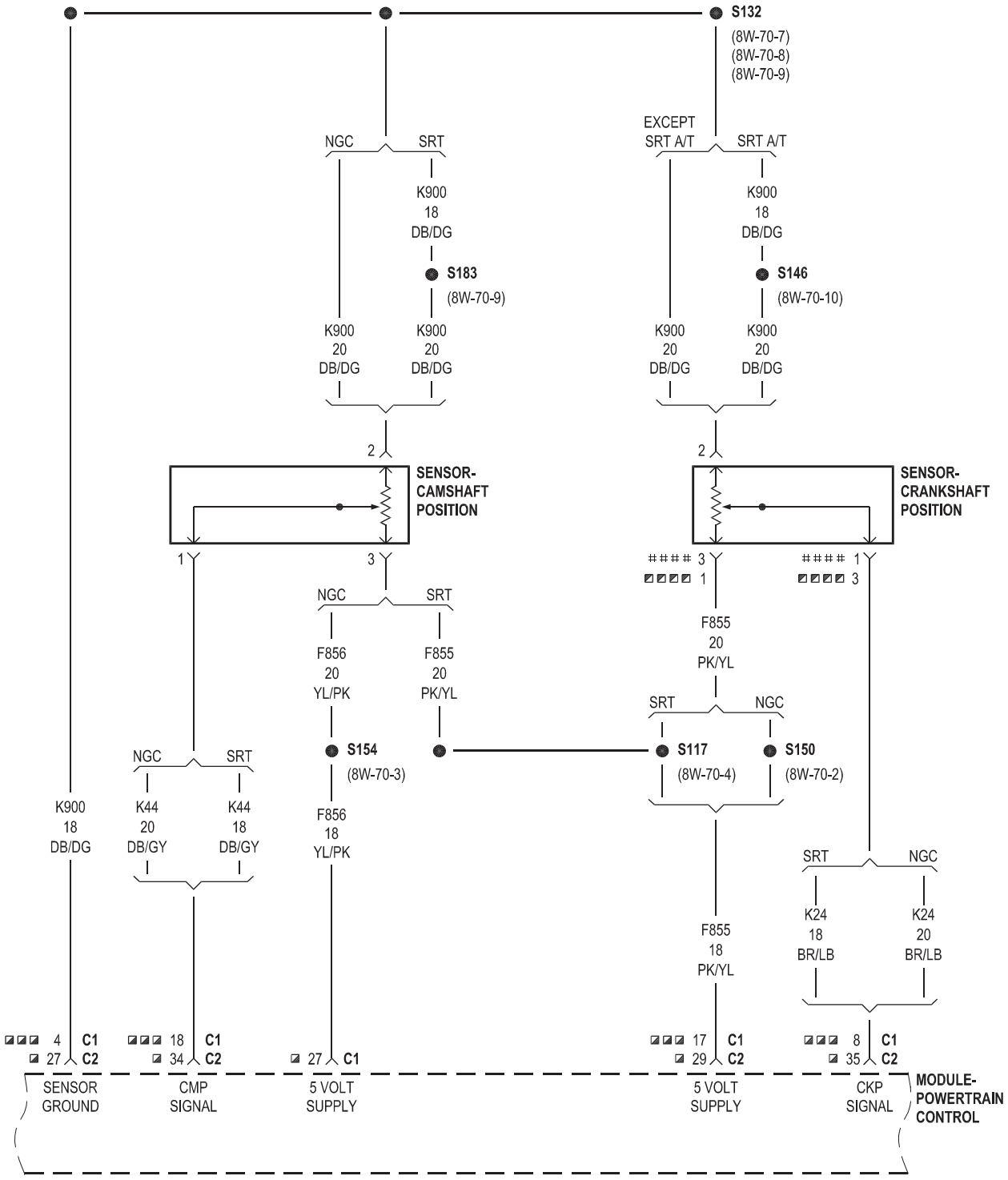
NGC

SRT

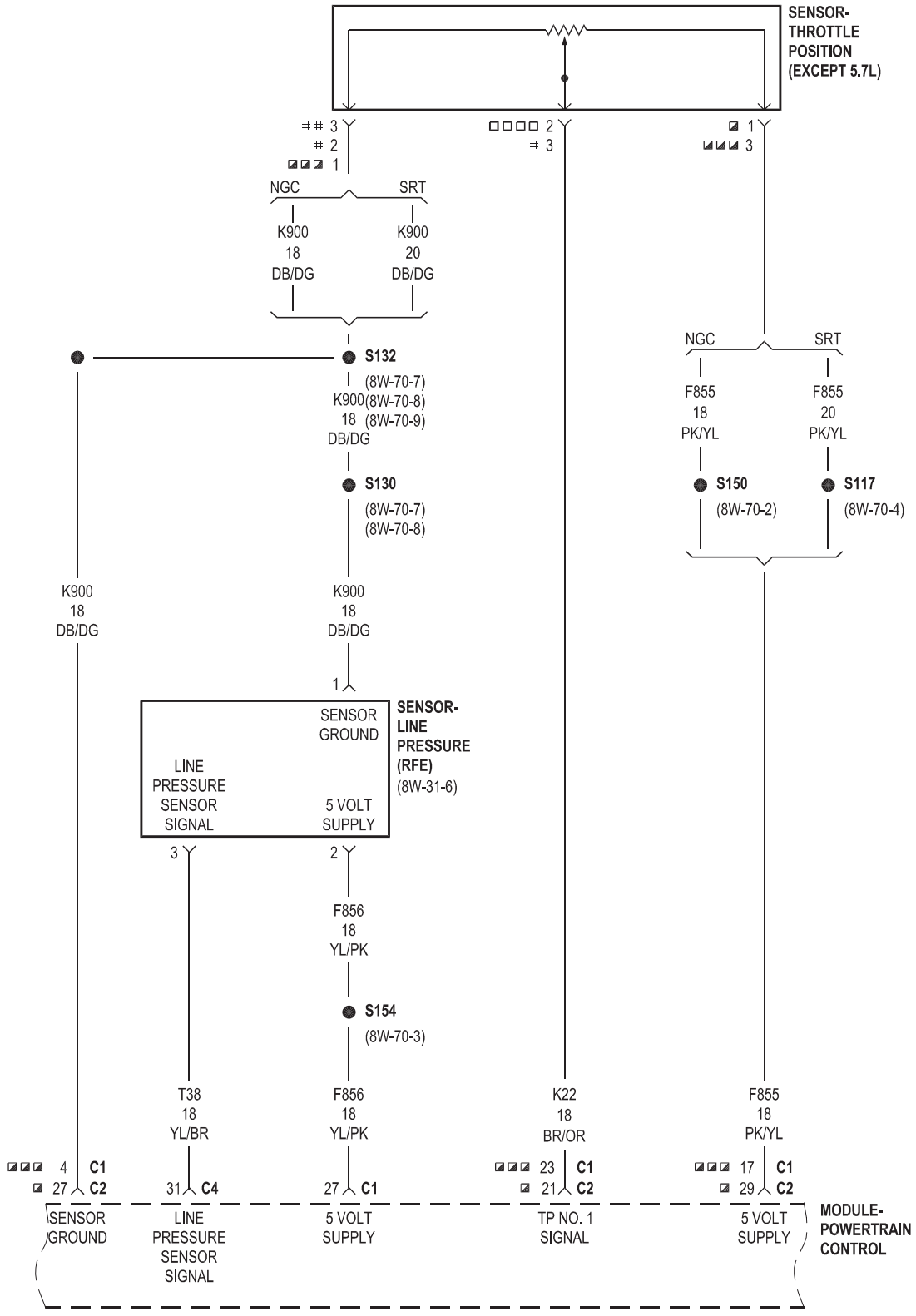
5.7L


MODULE-POWERTRAIN CONTROL
S/C VACUUM CONTROL
S/C VENT CONTROL
BRAKE SWITCH NO. 2 SIGNAL
S/C POWER SUPPLY
FUSED IGNITION SWITCH OUTPUT (RUN-START)
S/C SWITCH RETURN
S/C SWITCH NO. 1 SIGNAL
12 C3
4
5 C3
14 C3
7 C3
11
11 C1
15 C3
34 C3
32
SRT NGC
V37 18 VT
V37 20 VT
V32 20 VT/YL
V32 20 VT/YL
5.7L
EXCEPT 5.7L
21 C219
17 C219
V32 20 VT/YL
F202 20 PK/GY
V937 20 VT/BR
V37 20 VT
4
4 C1
SWITCH-STOP LAMP (8W-33-2)
CLOCKSPRING (8W-33-5) (8W-33-6)
3 C3
SRT NGC
V35 18 VT/OR
V35 20 VT/OR
SRT NGC
V36 18 VT/YL
V36 20 VT/YL
3
EXCEPT 5.7L
5.7L
V30 20 VT/WT
V30 20 VT/WT
25 C219
25 C219
18 C130
30 C219
V37 20 VT
S207
V30 20 VT/WT
F202 20 PK/GY
F202 20 PK/GY
V937 20 VT/BR
V37 20 VT
V37 20 VT
S136
A 3
1
2
3
VACUUM SOLENOID
VENT SOLENOID
SERVO-SPEED CONTROL (3.7L/4.7L) (8W-33-4)
S/C SWITCH NO. 1 SIGNAL
SWITCH-SPEED CONTROL-LEFT (8W-33-5) (8W-33-6)
A 3
4
Z913 20 BK
5 C1
S/C SWITCH RETURN
CLOCKSPRING (8W-33-5) (8W-33-6) (8W-41-4) (8W-43-3) (8W-47-9)
S/C SWITCH NO. 1 SIGNAL
SWITCH-SPEED CONTROL-RIGHT (8W-33-5) (8W-33-6)
AWAL RWAL
G104 (8W-15-8)
G103 (8W-15-6)
NGC
SRT
ETC
MTC
3.7L/4.7L

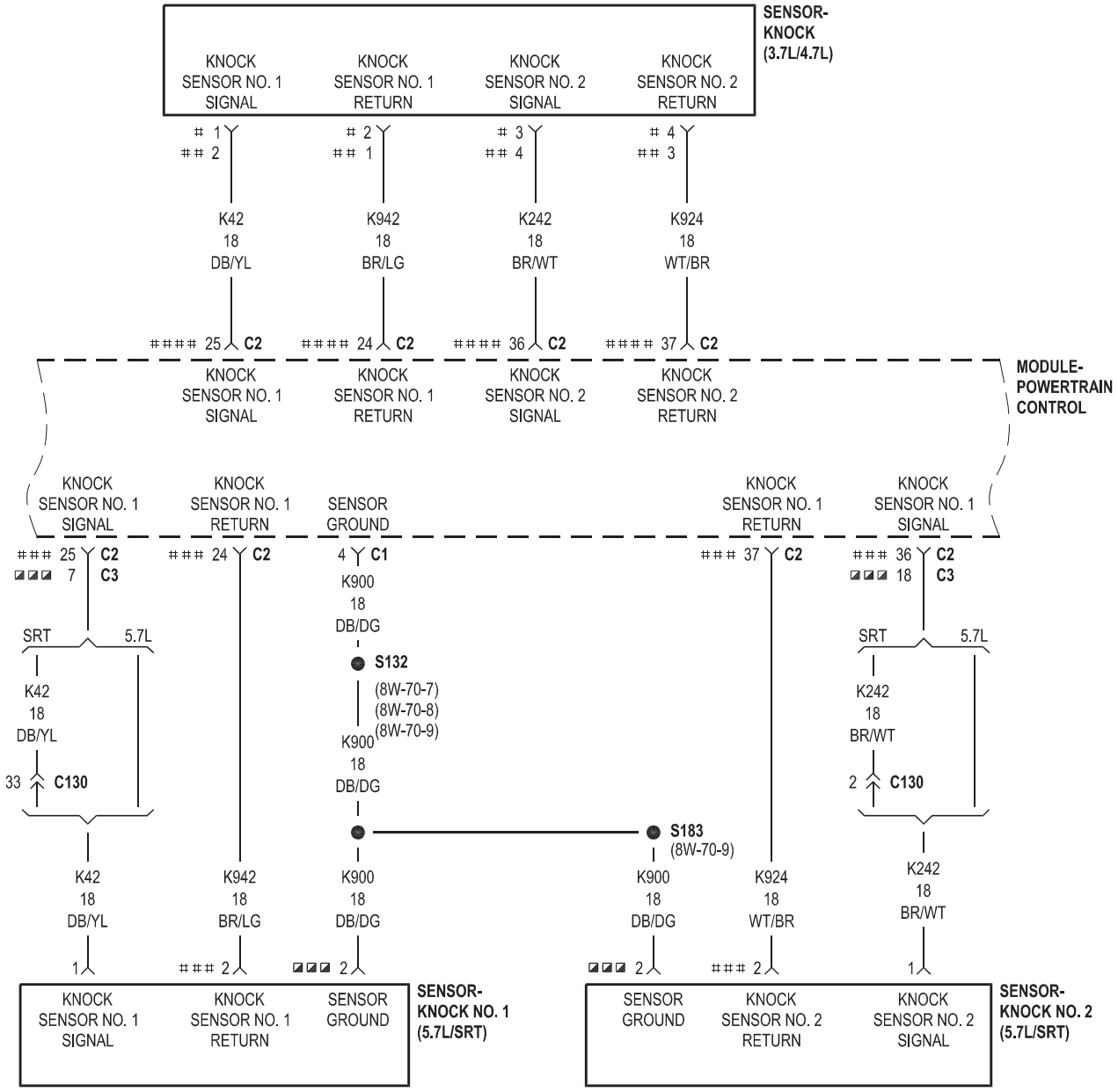

RUN-START F951
(8W-13-20)
BATT A16
(8W-13-34)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
PTC NO. 1 7.5A
(8W-13-38)
RELAY-CLUTCH-A/C COMPRESSOR
(8W-42-6)
RELAY-CONDENSER FAN (NGC)
(8W-42-9)
MOTOR-IAC (3.7L/4.7L)
MOTOR-IAC (SRT)
IDLE AIR CONTROL NO. 2 DRIVER
IDLE AIR CONTROL NO. 4 DRIVER
IDLE AIR CONTROL NO. 1 DRIVER
IDLE AIR CONTROL NO. 3 DRIVER
MODULE-POWERTRAIN CONTROL
A/C CLUTCH RELAY CONTROL
CONDENSER FAN RELAY CONTROL
IAC CONTROL
IAC SIGNAL
PCI BUS
SCI TRANSMIT (PCM)
SCI RECEIVE (PCM)
SCI TRANSMIT (TCM)
S195
S231
S230
C130
C219
DATA LINK CONNECTOR
(8W-18-4)
NGC
SRT
NGC EXCEPT 3.7/4.7L M/T
J058W-4
DR503014



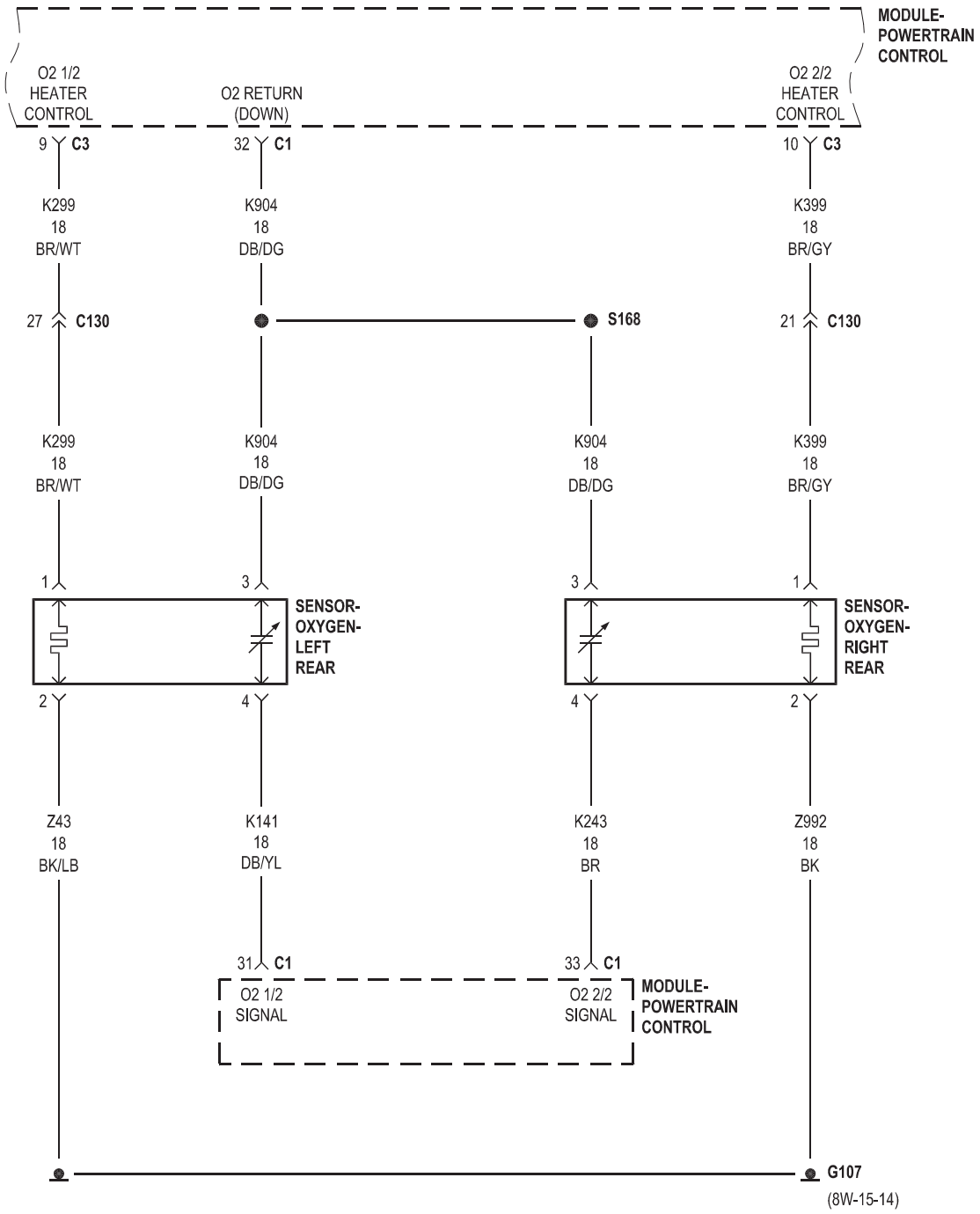
NGC
SRT
EXCEPT 3.7L/4.7L
3.7L/4.7L

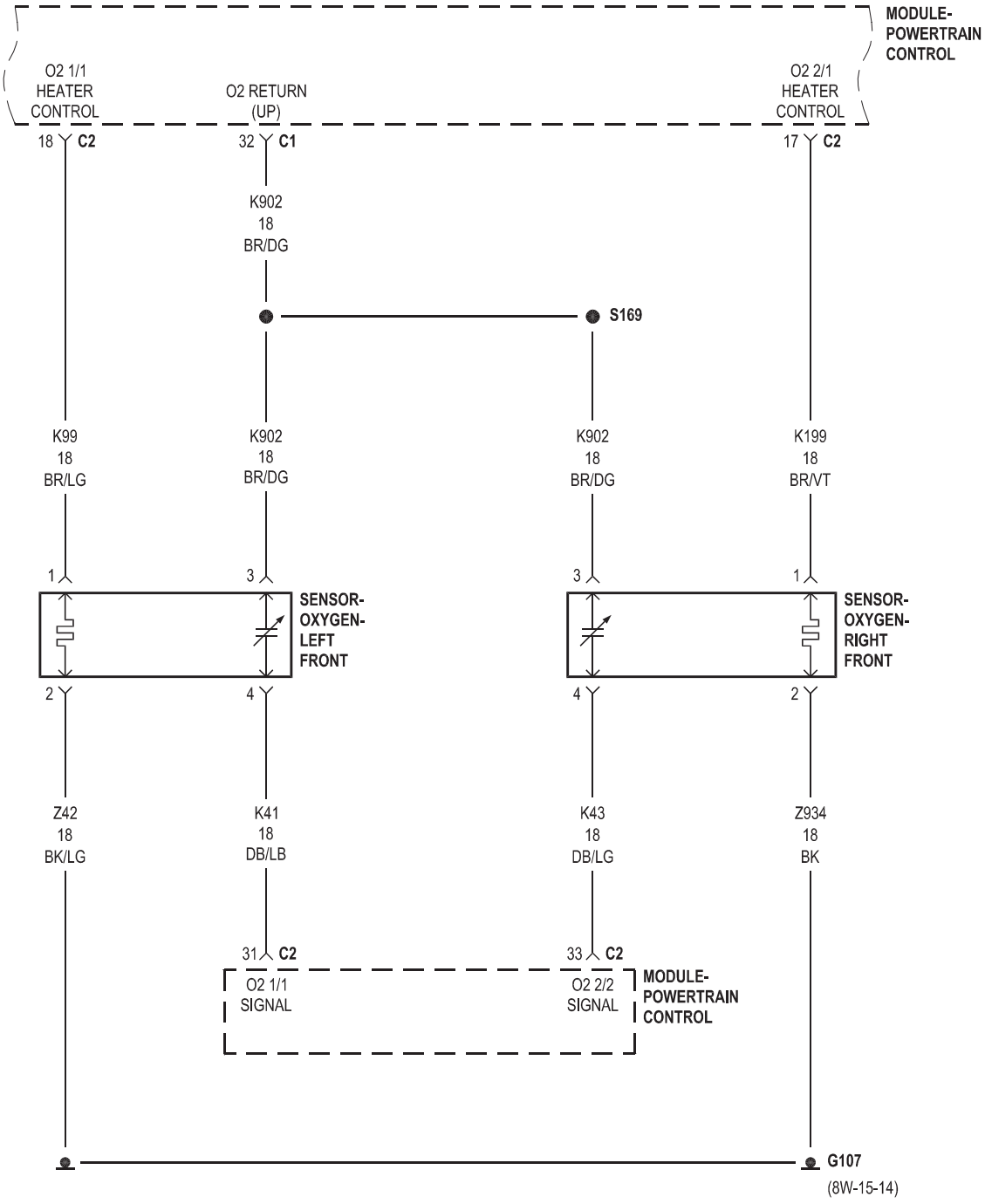


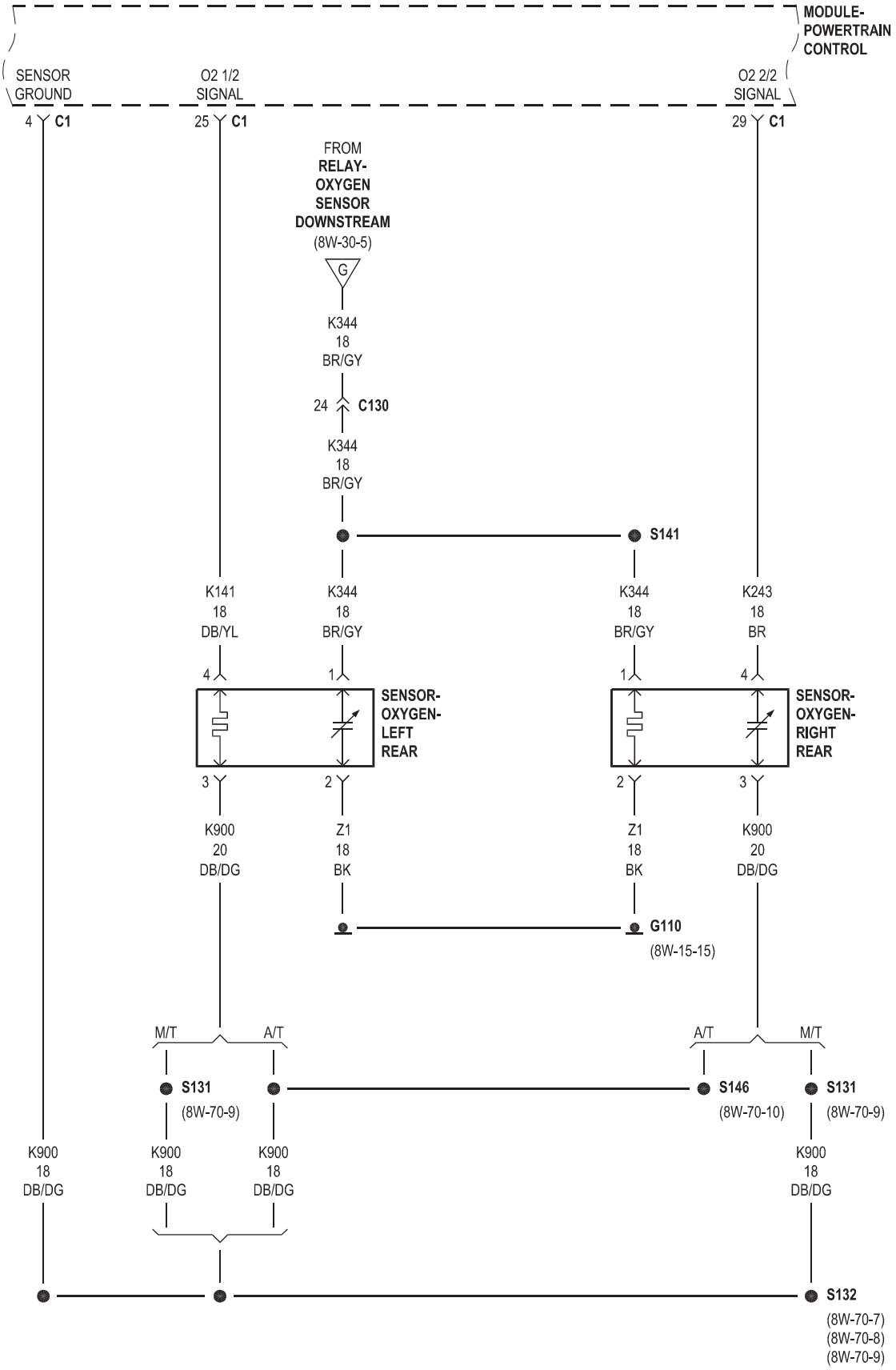
3.7L
4.7L
NGC
SRT
EXCEPT 3.7L

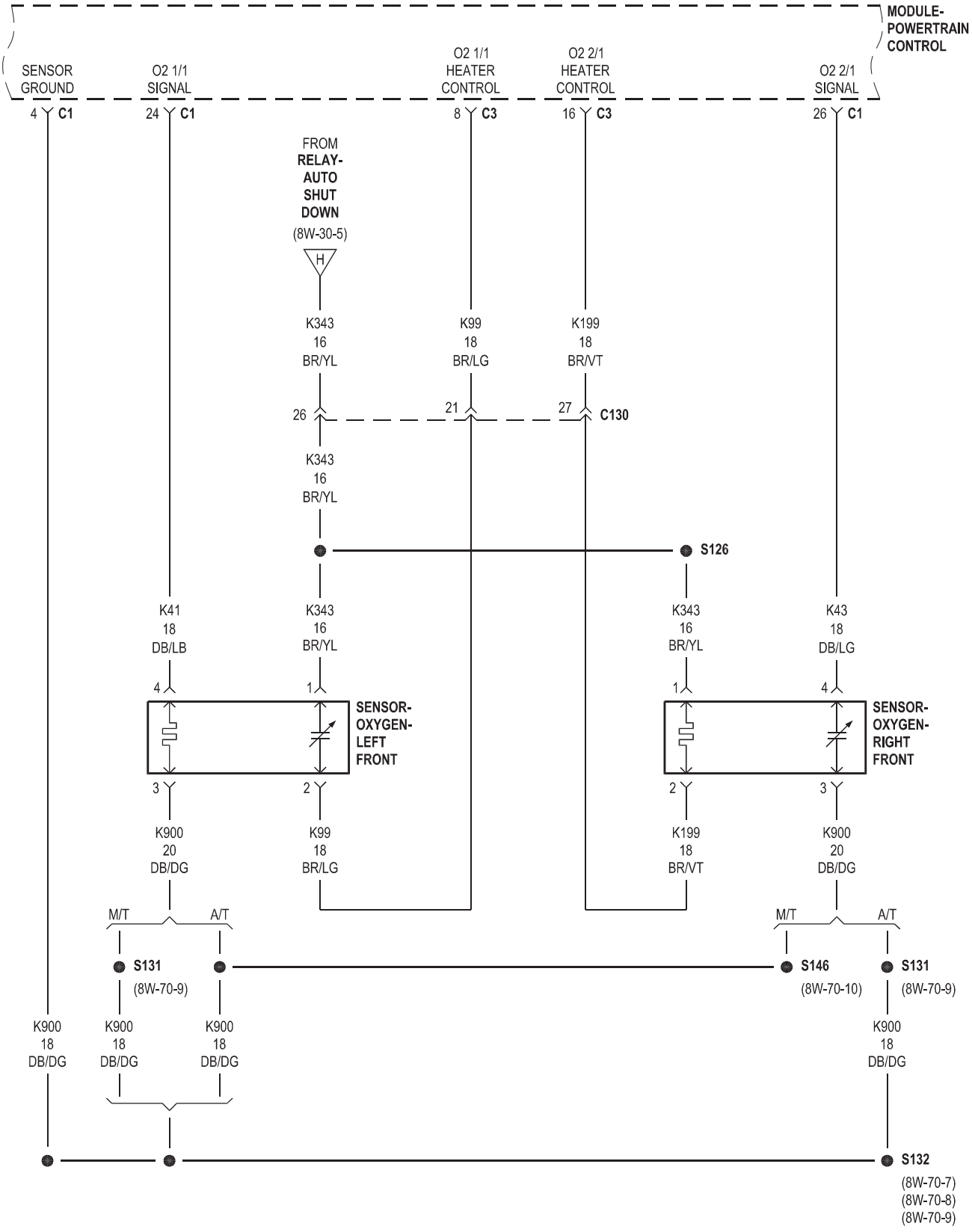


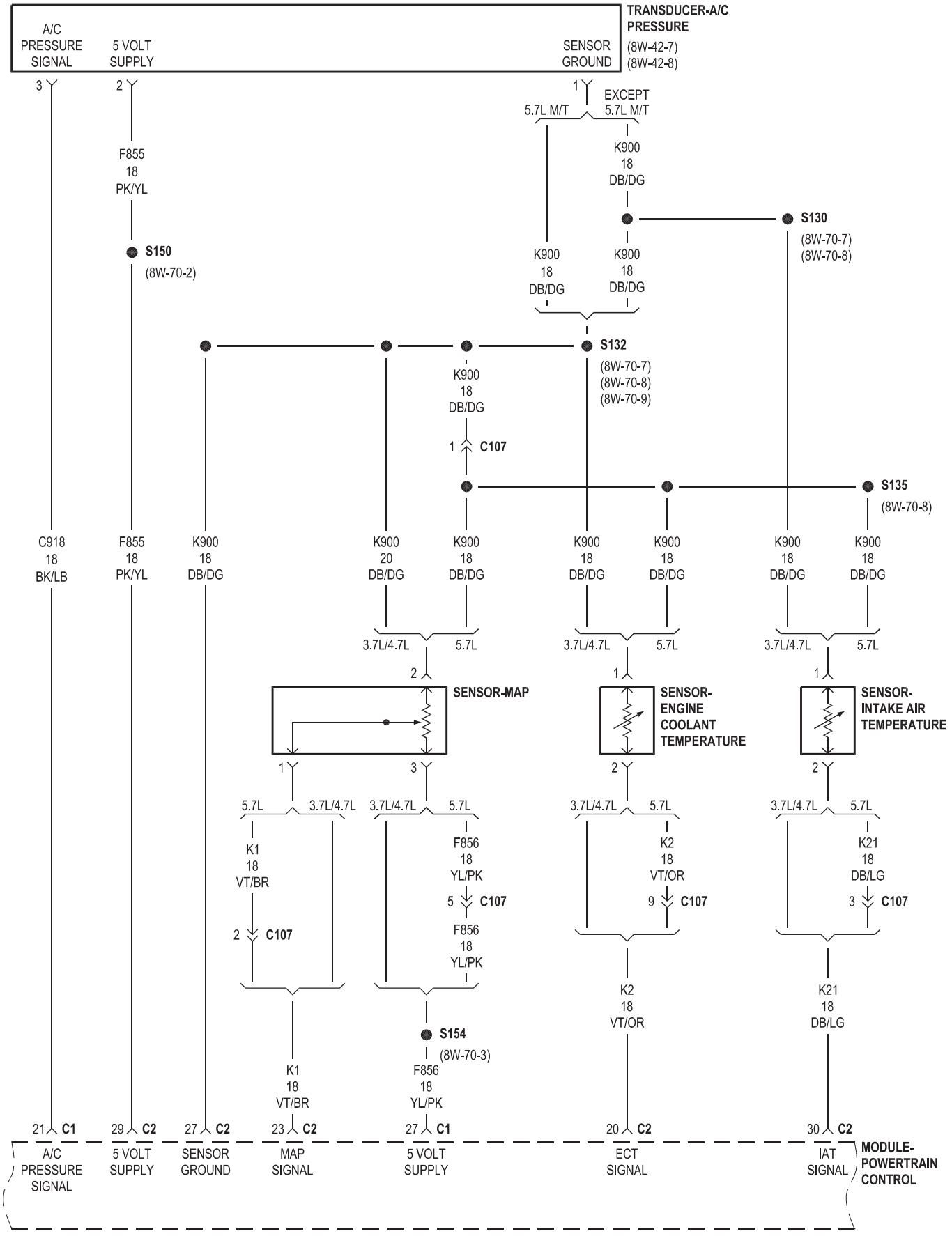
3.7L
4.7L
5,7L
3.7L/4.7L
◪◪◪ SRT

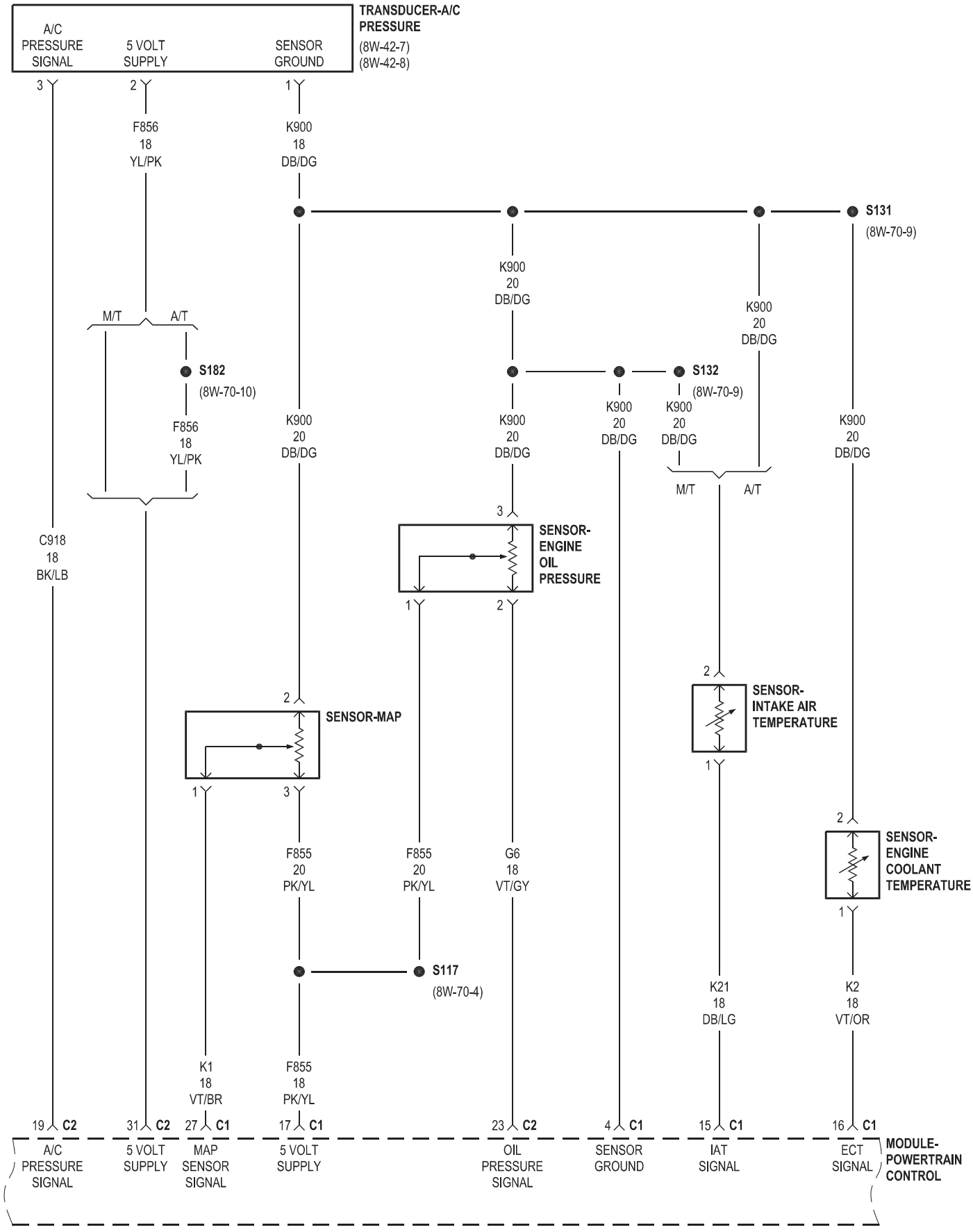

MODULE-
POWERTRAIN
CONTROL
O2 1/2
HEATER
CONTROL
O2 RETURN
(DOWN)
O2 2/2
HEATER
CONTROL
9 C3
32 C1
10 C3
K299
18
BR/WT
K904
18
DB/DG
K399
18
BR/GY
27 C130
S168
21 C130
K299
18
BR/WT
K904
18
DB/DG
K904
18
DB/DG
K399
18
BR/GY
1
3
3
1
SENSOR-
OXYGEN-
LEFT
REAR
SENSOR-
OXYGEN-
RIGHT
REAR
2
4
4
2
Z43
18
BK/LB
K141
18
DB/YL
K243
18
BR
Z992
18
BK
31 C1
33 C1
O2 1/2
SIGNAL
O2 2/2
SIGNAL
MODULE-
POWERTRAIN
CONTROL
G107
(8W-15-14)

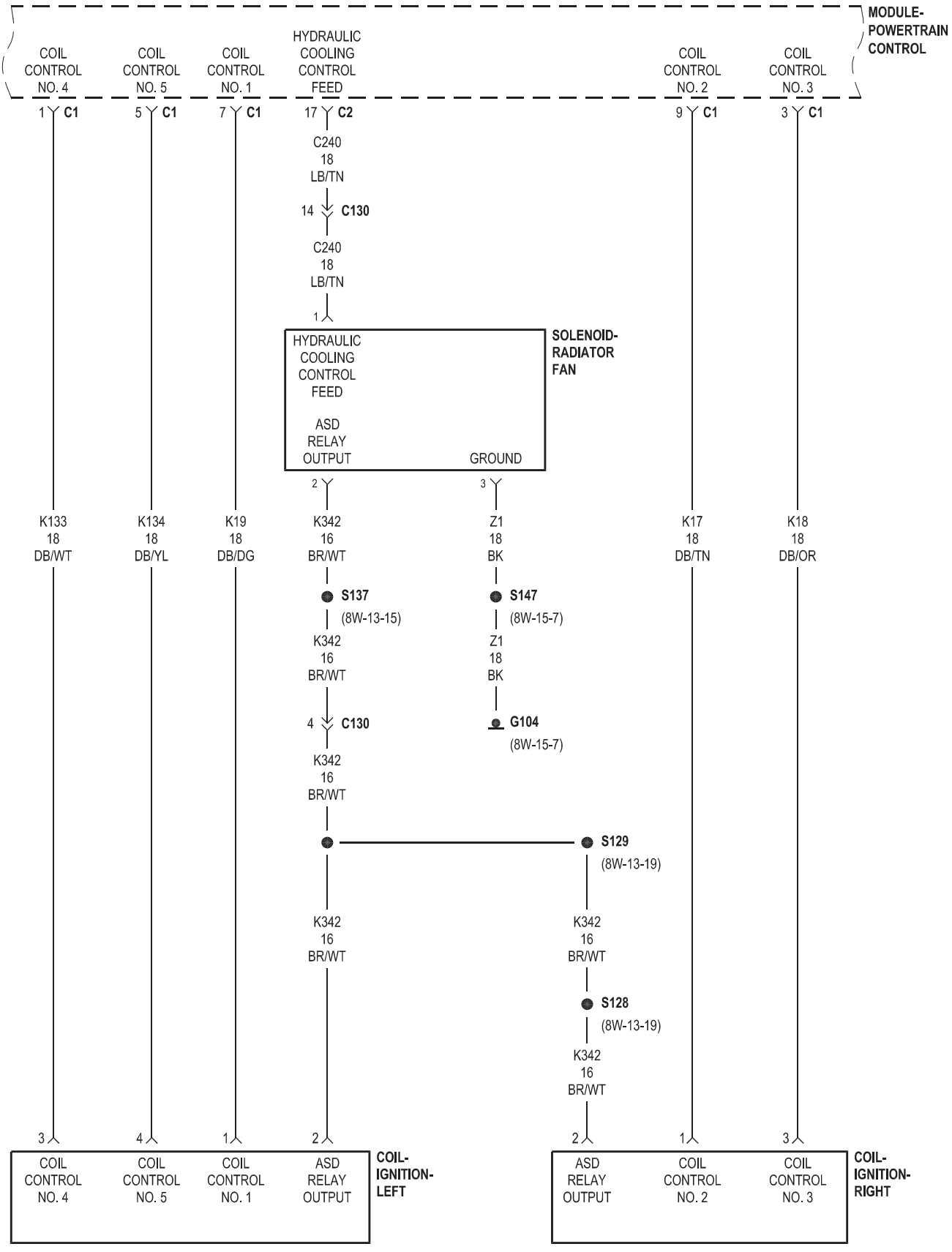

MODULE-
POWERTRAIN
CONTROL
O2 1/1
HEATER
CONTROL
O2 RETURN
(UP)
O2 2/1
HEATER
CONTROL
18 C2
32 C1
17 C2
K902
18
BR/DG
S169
K99
18
BR/LG
K902
18
BR/DG
K902
18
BR/DG
K199
18
BR/VT
1
3
3
1
SENSOR-
OXYGEN-
LEFT
FRONT
SENSOR-
OXYGEN-
RIGHT
FRONT
2
4
4
2
Z42
18
BK/LG
K41
18
DB/LB
K43
18
DB/LG
Z934
18
BK
31 C2
33 C2
O2 1/1
SIGNAL
O2 2/2
SIGNAL
MODULE-
POWERTRAIN
CONTROL
G107
(8W-15-14)

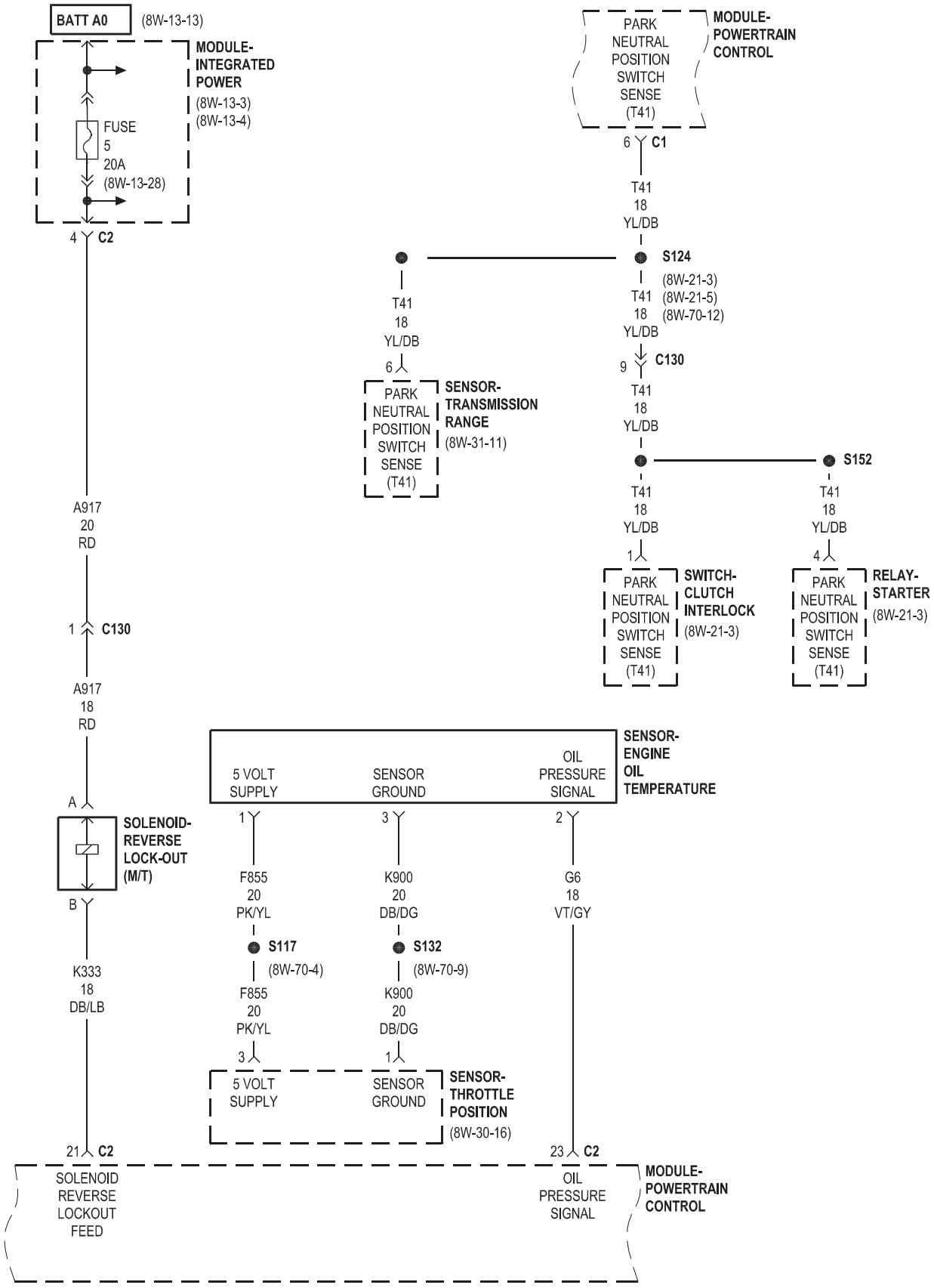

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
O2 1/2
SIGNAL
O2 2/2
SIGNAL
4 C1
25 C1
29 C1
FROM
RELAY-
OXYGEN
SENSOR
DOWNSTREAM
(8W-30-5)
G
K344
18
BR/GY
24 C130
K344
18
BR/GY
S141
K141
18
DB/YL
K344
18
BR/GY
K344
18
BR/GY
K243
18
BR
4
1
1
4
SENSOR-
OXYGEN-
LEFT
REAR
SENSOR-
OXYGEN-
RIGHT
REAR
3
2
2
3
K900
20
DB/DG
Z1
18
BK
Z1
18
BK
K900
20
DB/DG
G110
(8W-15-15)
M/T
A/T
A/T
M/T
S131
(8W-70-9)
S146
(8W-70-10)
S131
(8W-70-9)
K900
18
DB/DG
K900
18
DB/DG
K900
18
DB/DG
K900
18
DB/DG
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)

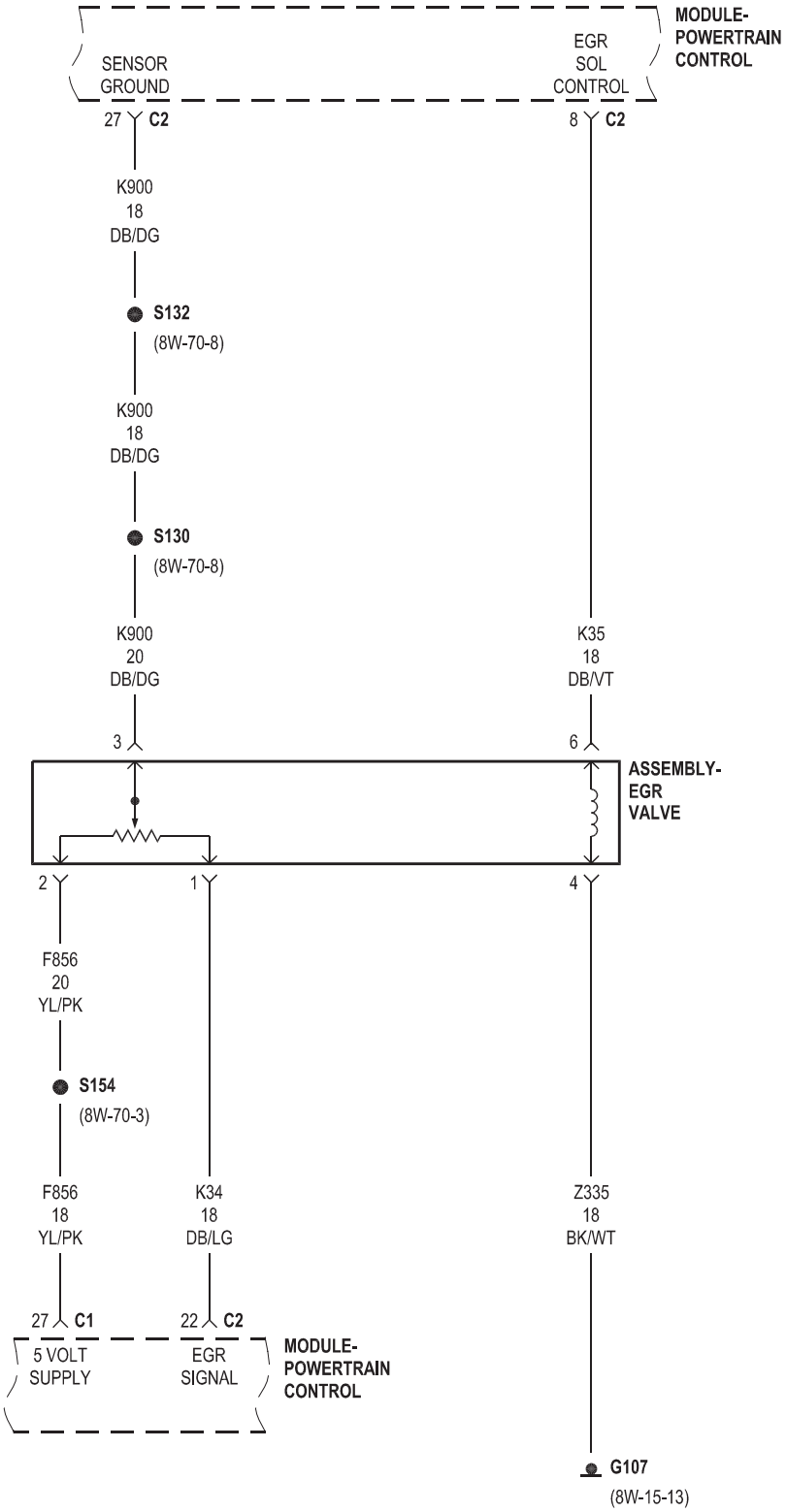

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
4 C1
O2 1/1
SIGNAL
24 C1
O2 1/1
HEATER
CONTROL
8 C3
O2 2/1
HEATER
CONTROL
16 C3
O2 2/1
SIGNAL
26 C1
FROM
RELAY-
AUTO
SHUT
DOWN
(8W-30-5)
H
K343
16
BR/YL
K99
18
BR/LG
K199
18
BR/VT
26
21
27
C130
K343
16
BR/YL
S126
K41
18
DB/LB
K343
16
BR/YL
K343
16
BR/YL
K43
18
DB/LG
4
1
1
4
SENSOR-
OXYGEN-
LEFT
FRONT
SENSOR-
OXYGEN-
RIGHT
FRONT
3
2
2
3
K900
20
DB/DG
K99
18
BR/LG
K199
18
BR/VT
K900
20
DB/DG
M/T
A/T
M/T
A/T
S131
(8W-70-9)
S146
(8W-70-10)
S131
(8W-70-9)
K900
18
DB/DG
K900
18
DB/DG
K900
18
DB/DG
K900
18
DB/DG
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)

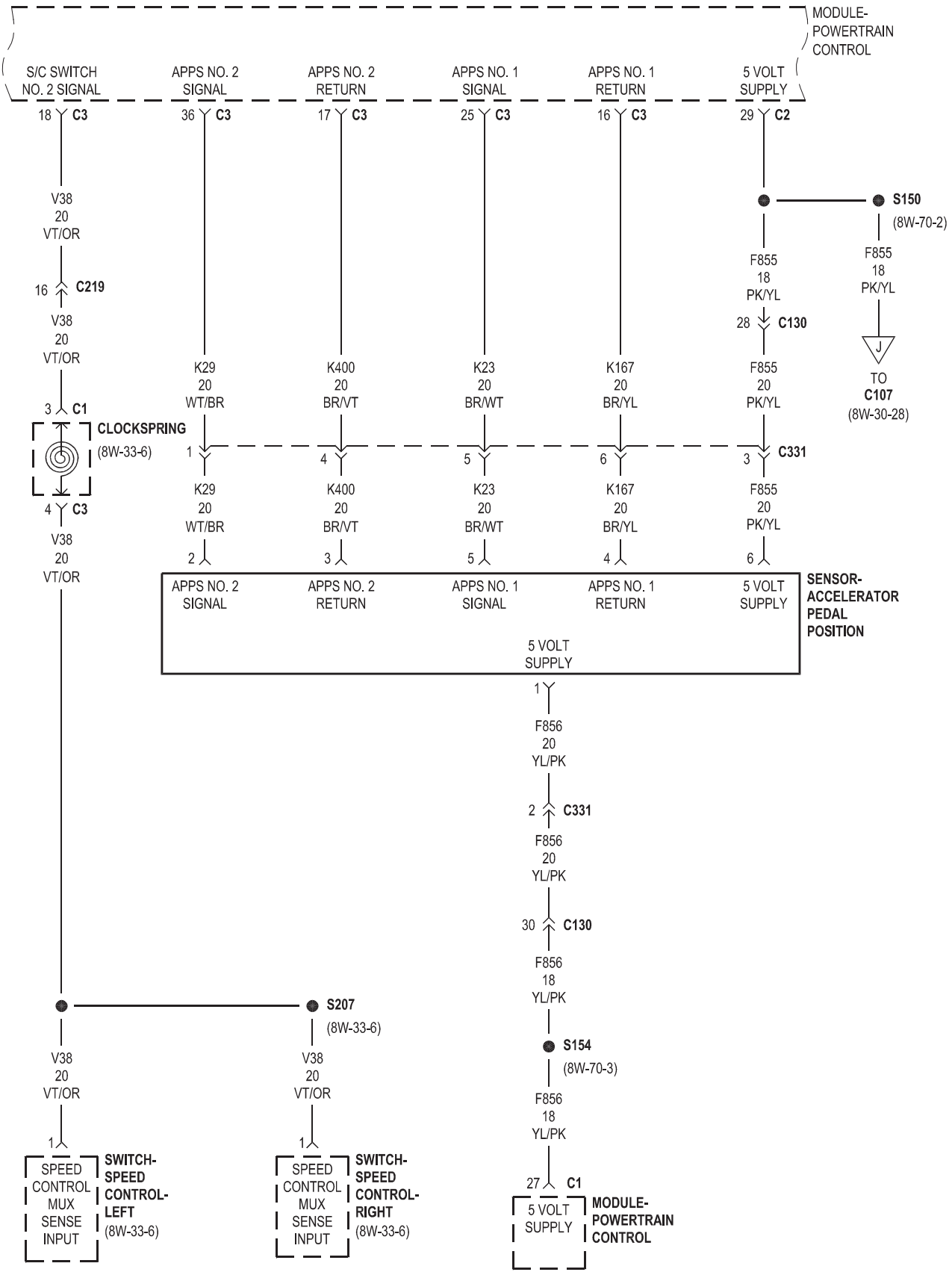

TRANSDUCER-A/C PRESSURE
(8W-42-7)
(8W-42-8)
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
3
2
1
EXCEPT 5.7L M/T
5.7L M/T
F855 18 PK/YL
K900 18 DB/DG
S150
(8W-70-2)
S130
(8W-70-7)
(8W-70-8)
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)
1 C107
S135
(8W-70-8)
C918 18 BK/LB
K900 20 DB/DG
3.7L/4.7L
5.7L
SENSOR-MAP
SENSOR- ENGINE COOLANT TEMPERATURE
SENSOR- INTAKE AIR TEMPERATURE
K1 18 VT/BR
F856 18 YL/PK
K2 18 VT/OR
K21 18 DB/LG
5 C107
9 C107
3 C107
2 C107
S154
(8W-70-3)
21 C1
29 C2
27 C2
23 C2
27 C1
20 C2
30 C2
MAP SIGNAL
ECT SIGNAL
IAT SIGNAL
MODULE- POWERTRAIN CONTROL

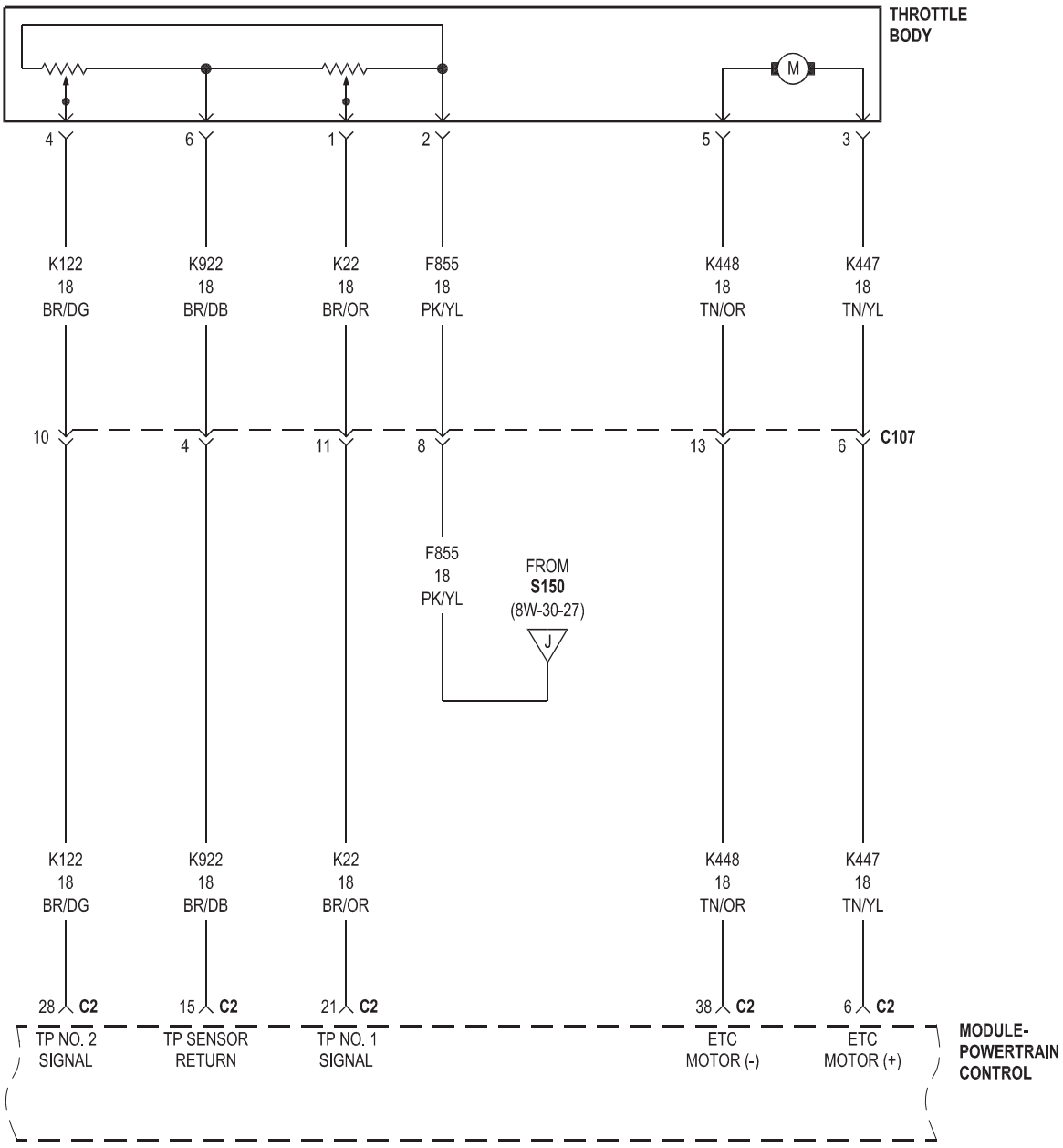

TRANSDUCER-A/C PRESSURE
(8W-42-7)
(8W-42-8)
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
3
2
1
F856 18 YL/PK
K900 18 DB/DG
S131
(8W-70-9)
K900 20 DB/DG
M/T
A/T
S182
(8W-70-10)
S132
(8W-70-9)
C918 18 BK/LB
SENSOR-ENGINE OIL PRESSURE
SENSOR-MAP
SENSOR-INTAKE AIR TEMPERATURE
SENSOR-ENGINE COOLANT TEMPERATURE
F855 20 PK/YL
G6 18 VT/GY
S117
(8W-70-4)
K21 18 DB/LG
K2 18 VT/OR
K1 18 VT/BR
F855 18 PK/YL
19 C2
31 C2
27 C1
17 C1
23 C2
4 C1
15 C1
16 C1
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
MAP SENSOR SIGNAL
5 VOLT SUPPLY
OIL PRESSURE SIGNAL
SENSOR GROUND
IAT SIGNAL
ECT SIGNAL
MODULE-POWERTRAIN CONTROL

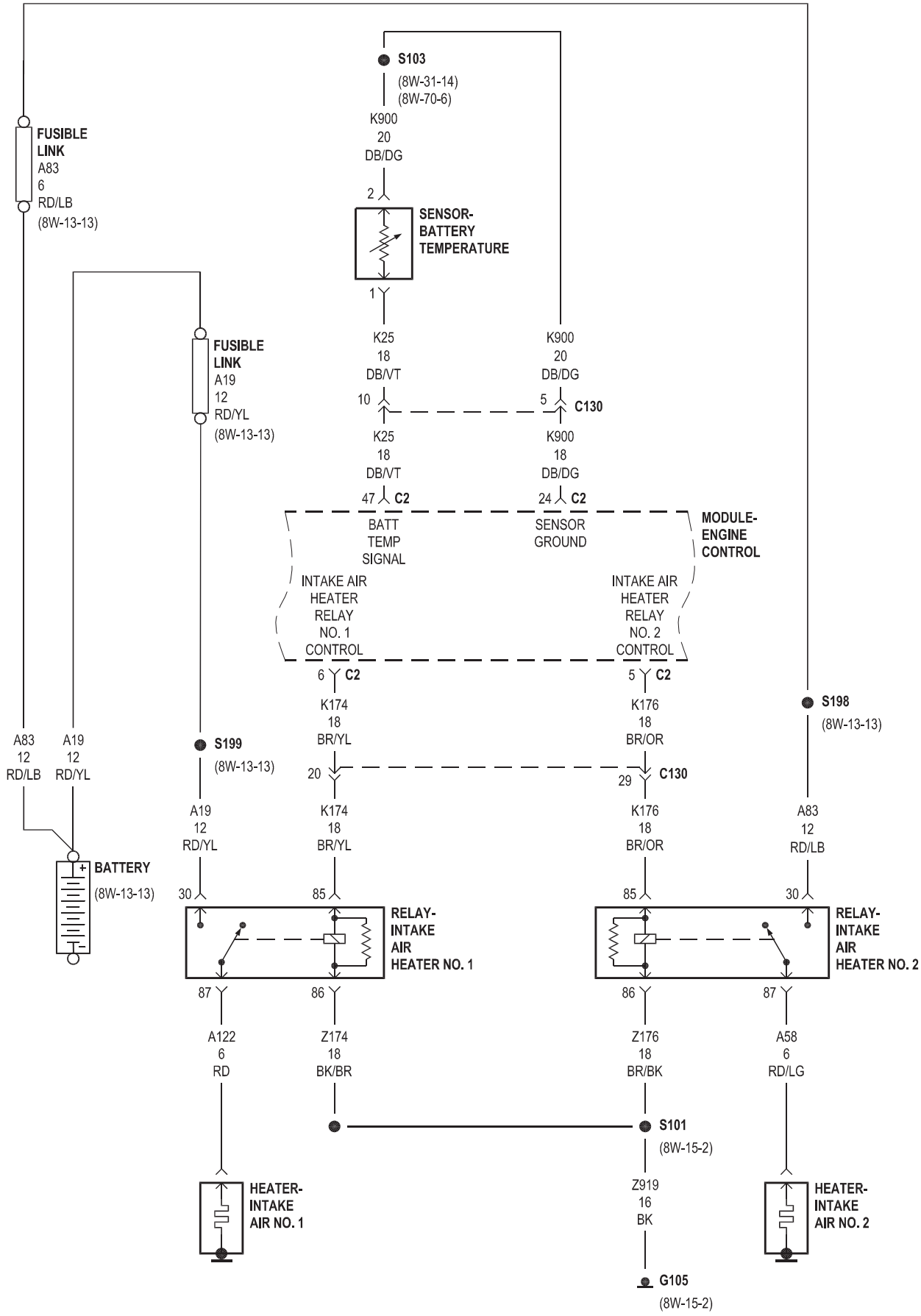

MODULE-
POWERTRAIN
CONTROL
COIL
CONTROL
NO. 4
COIL
CONTROL
NO. 5
COIL
CONTROL
NO. 1
HYDRAULIC
COOLING
CONTROL
FEED
COIL
CONTROL
NO. 2
COIL
CONTROL
NO. 3
1 C1
5 C1
7 C1
17 C2
9 C1
3 C1
C240
18
LB/TN
14 C130
C240
18
LB/TN
1
HYDRAULIC
COOLING
CONTROL
FEED
ASD
RELAY
OUTPUT
GROUND
SOLENOID-
RADIATOR
FAN
2
3
K133
18
DB/WT
K134
18
DB/YL
K19
18
DB/DG
K342
16
BR/WT
Z1
18
BK
K17
18
DB/TN
K18
18
DB/OR
S137
(8W-13-15)
S147
(8W-15-7)
K342
16
BR/WT
Z1
18
BK
4 C130
G104
(8W-15-7)
K342
16
BR/WT
S129
(8W-13-19)
K342
16
BR/WT
K342
16
BR/WT
S128
(8W-13-19)
K342
16
BR/WT
3
4
1
2
2
1
3
COIL
CONTROL
NO. 4
COIL
CONTROL
NO. 5
COIL
CONTROL
NO. 1
ASD
RELAY
OUTPUT
COIL-
IGNITION-
LEFT
ASD
RELAY
OUTPUT
COIL
CONTROL
NO. 2
COIL
CONTROL
NO. 3
COIL-
IGNITION-
RIGHT

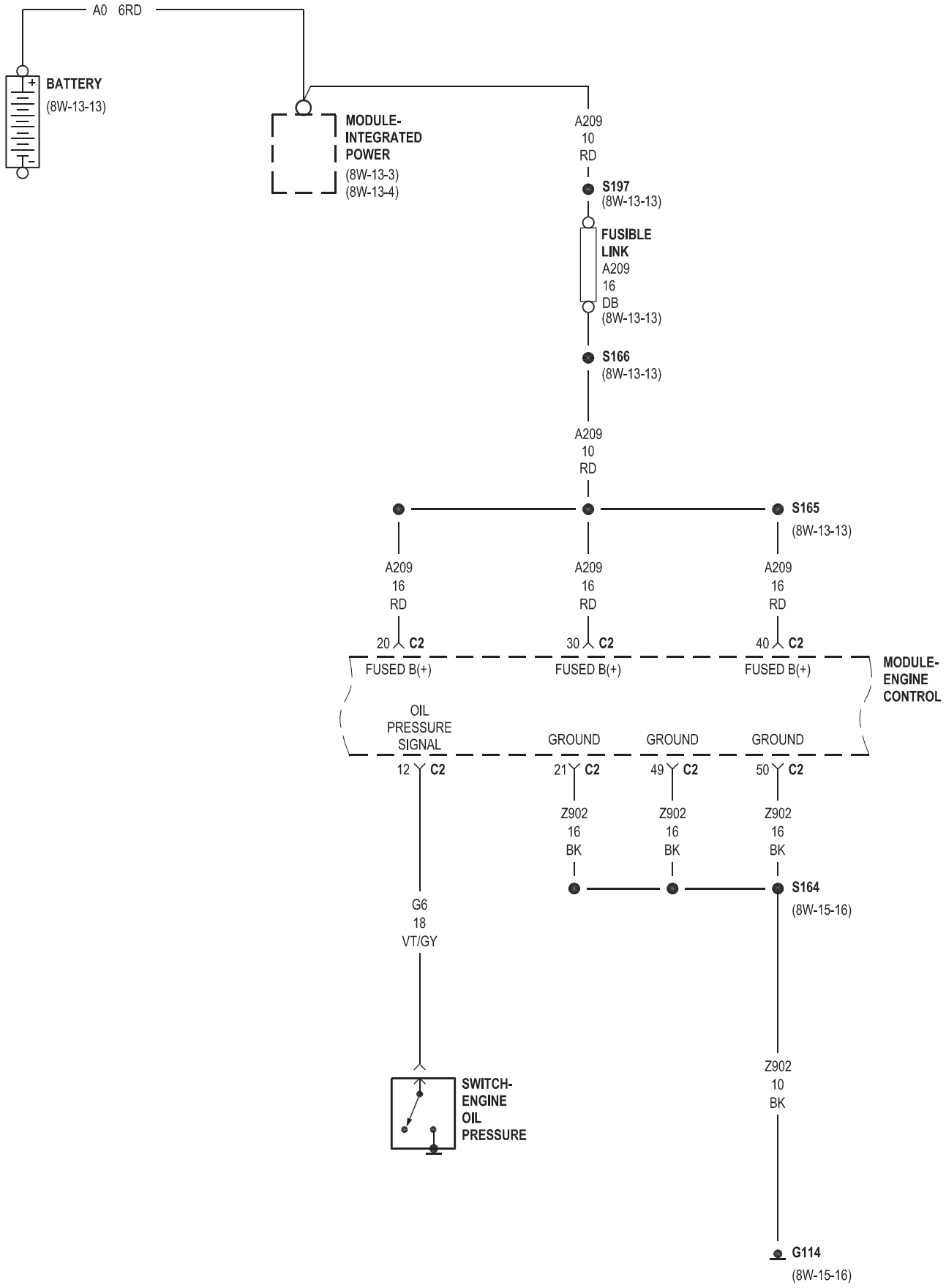

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
5
20A
(8W-13-28)
4 C2
A917
20
RD
1 C130
A917
18
RD
A
B
SOLENOID-
REVERSE
LOCK-OUT
(M/T)
K333
18
DB/LB
21 C2
SOLENOID
REVERSE
LOCKOUT
FEED
PARK
NEUTRAL
POSITION
SWITCH
SENSE
(T41)
MODULE-
POWERTRAIN
CONTROL
6 C1
T41
18
YL/DB
S124
(8W-21-3)
(8W-21-5)
(8W-70-12)
T41
18
YL/DB
9 C130
T41
18
YL/DB
T41
18
YL/DB
6
PARK
NEUTRAL
POSITION
SWITCH
SENSE
(T41)
SENSOR-
TRANSMISSION
RANGE
(8W-31-11)
S152
T41
18
YL/DB
1
PARK
NEUTRAL
POSITION
SWITCH
SENSE
(T41)
SWITCH-
CLUTCH
INTERLOCK
(8W-21-3)
T41
18
YL/DB
4
PARK
NEUTRAL
POSITION
SWITCH
SENSE
(T41)
RELAY-
STARTER
(8W-21-3)
5 VOLT
SUPPLY
SENSOR
GROUND
OIL
PRESSURE
SIGNAL
SENSOR-
ENGINE
OIL
TEMPERATURE
1
3
2
F855
20
PK/YL
K900
20
DB/DG
G6
18
VT/GY
S117
(8W-70-4)
S132
(8W-70-9)
F855
20
PK/YL
K900
20
DB/DG
3
1
5 VOLT
SUPPLY
SENSOR
GROUND
SENSOR-
THROTTLE
POSITION
(8W-30-16)
23 C2
OIL
PRESSURE
SIGNAL
MODULE-
POWERTRAIN
CONTROL

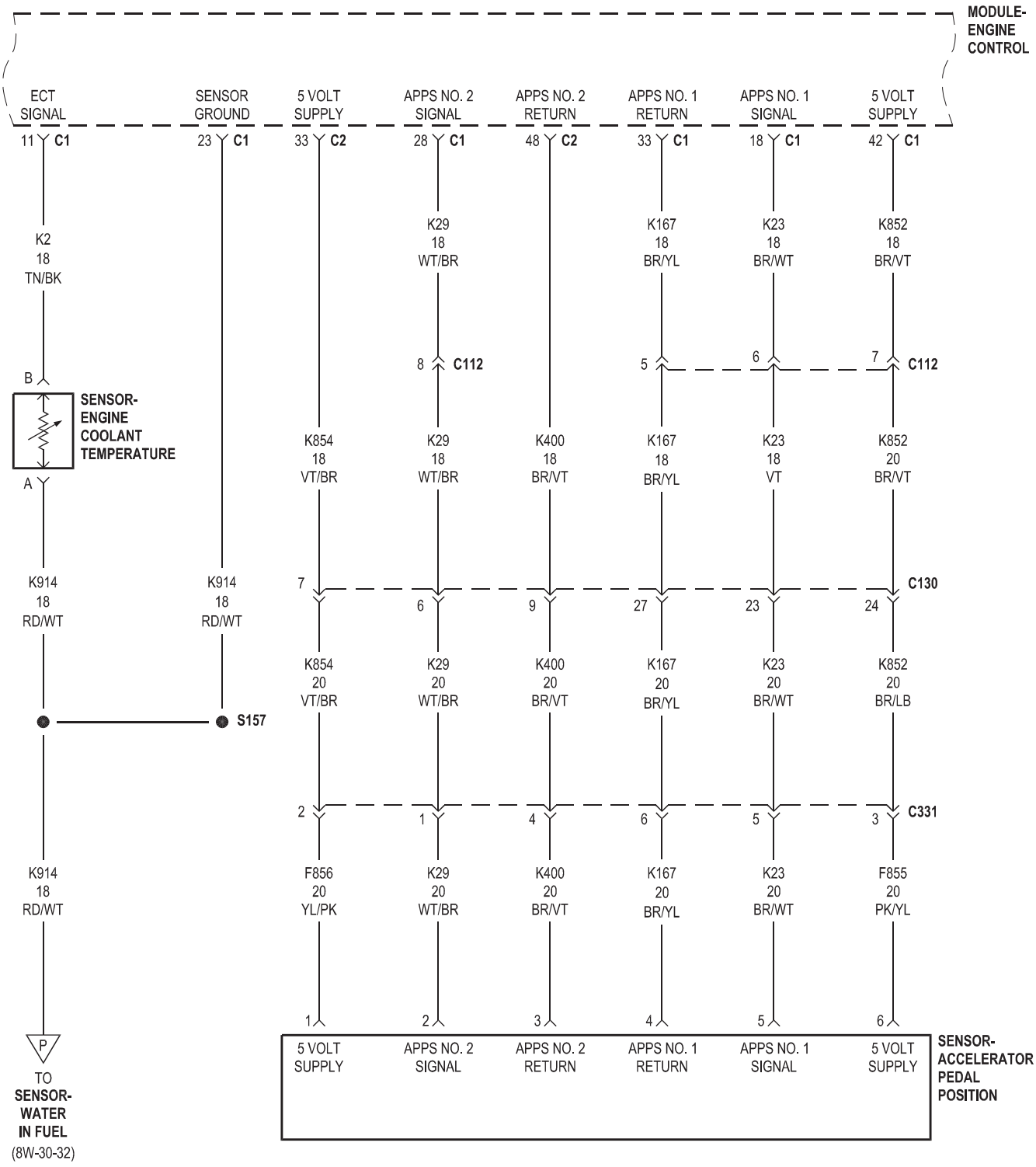

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
EGR
SOL
CONTROL
27 C2
8 C2
K900
18
DB/DG
S132
(8W-70-8)
K900
18
DB/DG
S130
(8W-70-8)
K900
20
DB/DG
K35
18
DB/VT
3
6
ASSEMBLY-
EGR
VALVE
2
1
4
F856
20
YL/PK
S154
(8W-70-3)
F856
18
YL/PK
K34
18
DB/LG
Z335
18
BK/WT
27 C1
22 C2
5 VOLT
SUPPLY
EGR
SIGNAL
MODULE-
POWERTRAIN
CONTROL
G107
(8W-15-13)

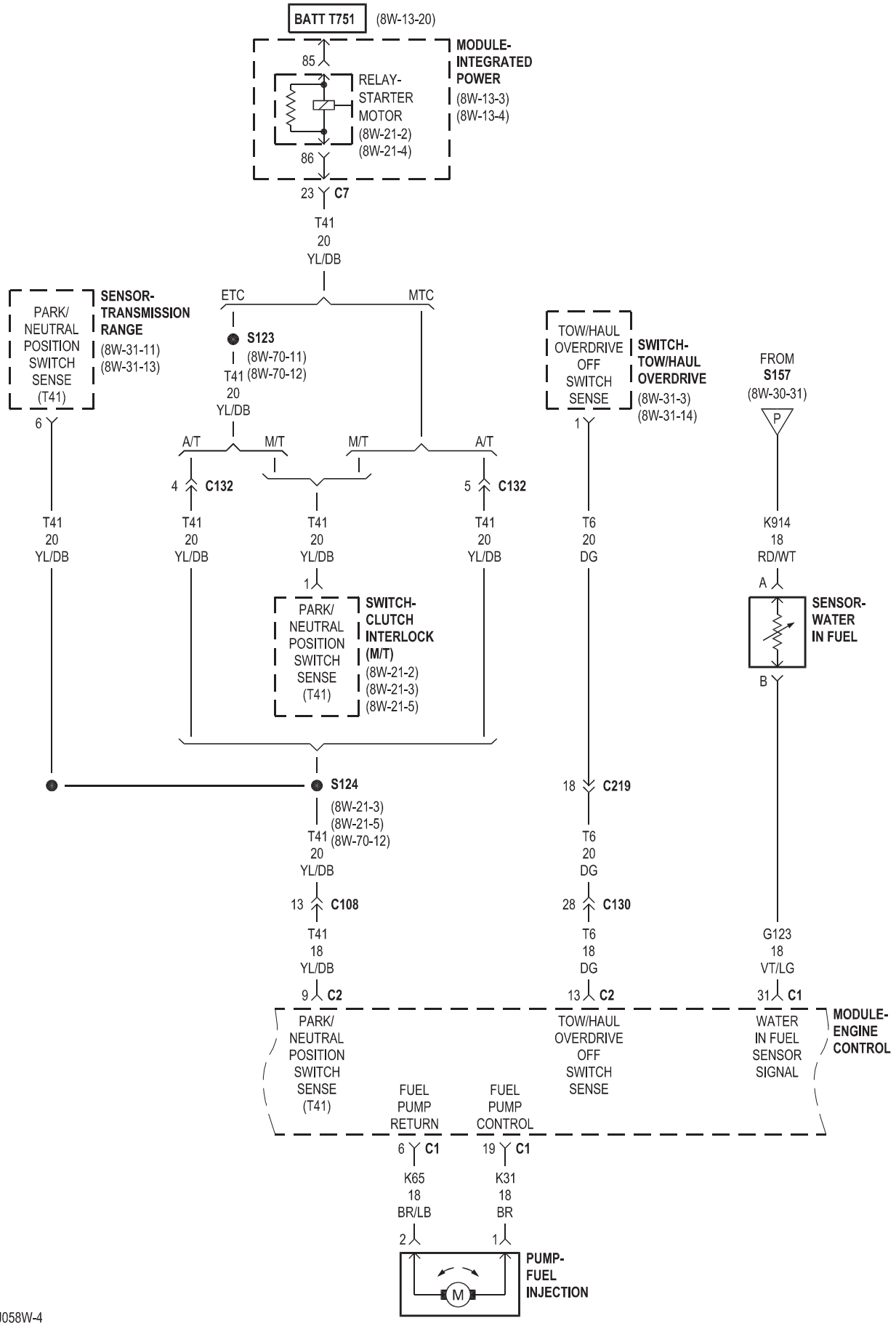

MODULE-
POWERTRAIN
CONTROL
S/C SWITCH
NO. 2 SIGNAL
APPS NO. 2
SIGNAL
APPS NO. 2
RETURN
APPS NO. 1
SIGNAL
APPS NO. 1
RETURN
5 VOLT
SUPPLY
18 C3
36 C3
17 C3
25 C3
16 C3
29 C2
V38
20
VT/OR
16 C219
V38
20
VT/OR
3 C1
CLOCKSPRING
(8W-33-6)
4 C3
V38
20
VT/OR
K29
20
WT/BR
K400
20
BR/VT
K23
20
BR/WT
K167
20
BR/YL
F855
20
PK/YL
1
4
5
6
3 C331
K29
20
WT/BR
K400
20
BR/VT
K23
20
BR/WT
K167
20
BR/YL
F855
20
PK/YL
2
3
5
4
6
APPS NO. 2
SIGNAL
APPS NO. 2
RETURN
APPS NO. 1
SIGNAL
APPS NO. 1
RETURN
5 VOLT
SUPPLY
SENSOR-
ACCELERATOR
PEDAL
POSITION
S150
(8W-70-2)
F855
18
PK/YL
28 C130
F855
18
PK/YL
J
TO
C107
(8W-30-28)
5 VOLT
SUPPLY
1
F856
20
YL/PK
2 C331
F856
20
YL/PK
30 C130
F856
18
YL/PK
S154
(8W-70-3)
F856
18
YL/PK
27 C1
5 VOLT
SUPPLY
MODULE-
POWERTRAIN
CONTROL
S207
(8W-33-6)
V38
20
VT/OR
1
SPEED
CONTROL
MUX
SENSE
INPUT
SWITCH-
SPEED
CONTROL-
LEFT
(8W-33-6)
V38
20
VT/OR
1
SPEED
CONTROL
MUX
SENSE
INPUT
SWITCH-
SPEED
CONTROL-
RIGHT
(8W-33-6)

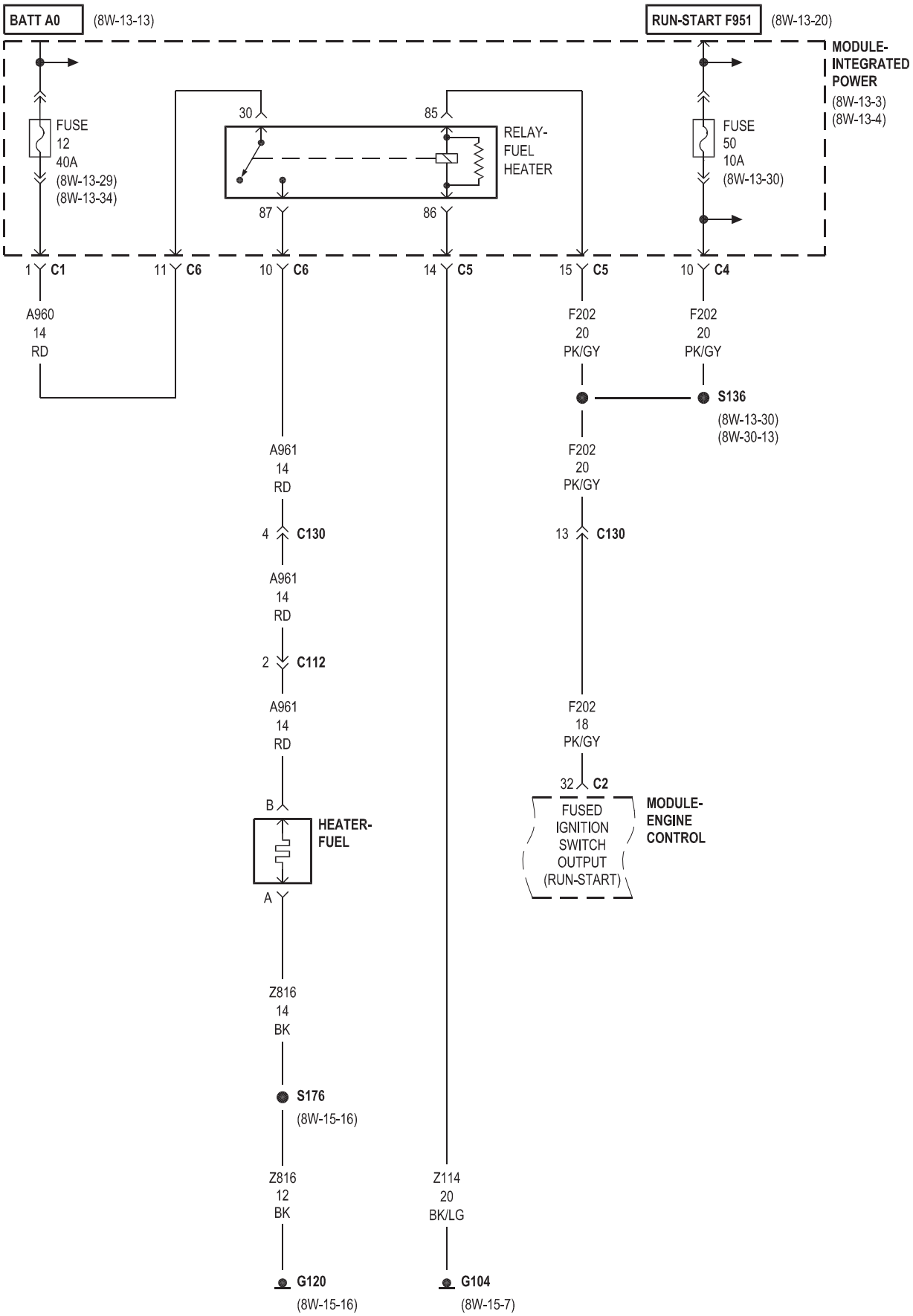

THROTTLE BODY
M
4
6
1
2
5
3
K122 18 BR/DG
K922 18 BR/DB
K22 18 BR/OR
F855 18 PK/YL
K448 18 TN/OR
K447 18 TN/YL
10
4
11
8
13
6
C107
F855 18 PK/YL
FROM S150 (8W-30-27)
J
K122 18 BR/DG
K922 18 BR/DB
K22 18 BR/OR
K448 18 TN/OR
K447 18 TN/YL
28 C2
15 C2
21 C2
38 C2
6 C2
TP NO. 2 SIGNAL
TP SENSOR RETURN
TP NO. 1 SIGNAL
ETC MOTOR (-)
ETC MOTOR (+)
MODULE-POWERTRAIN CONTROL

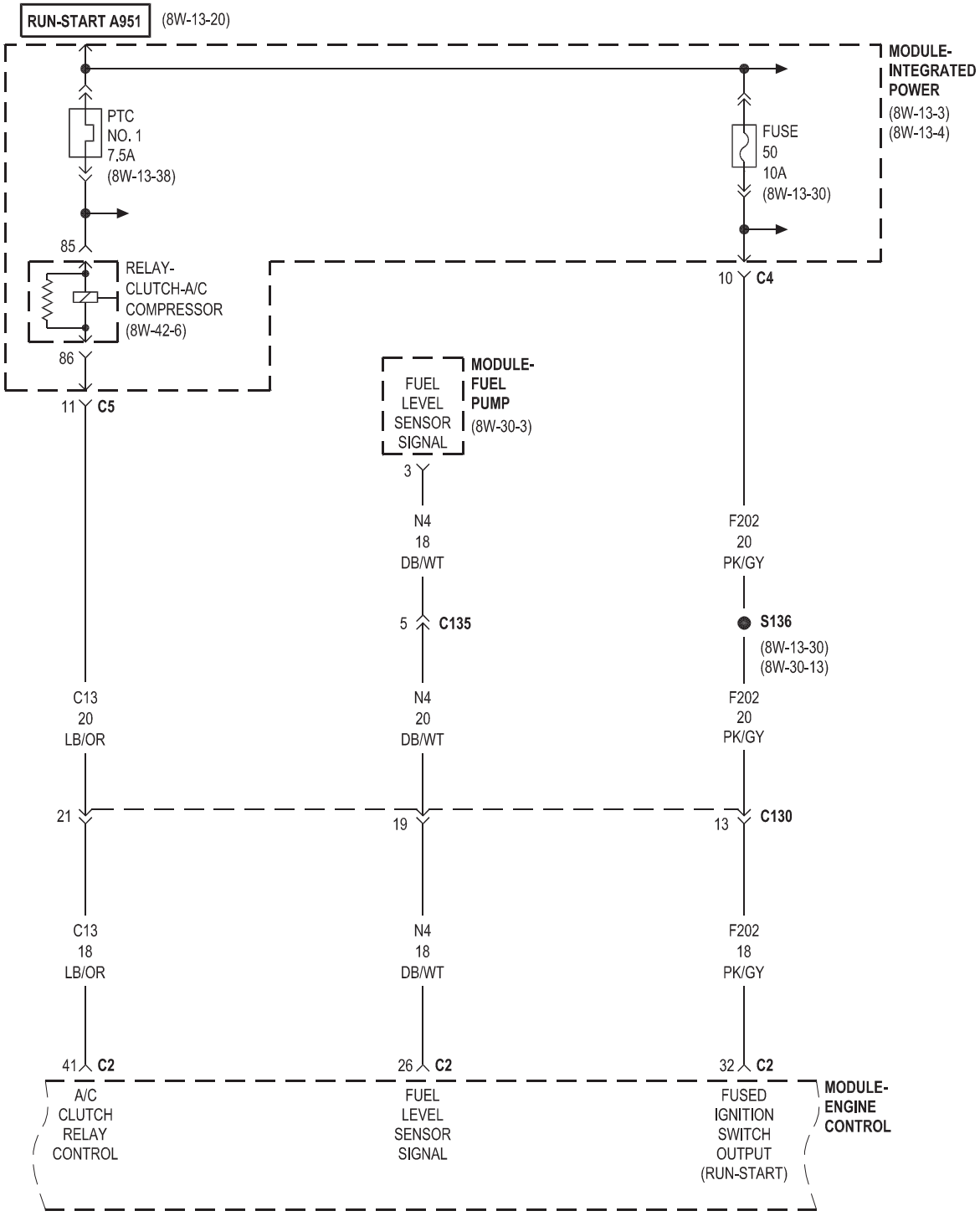

S103
(8W-31-14)
(8W-70-6)
K900
20
DB/DG
2
SENSOR-
BATTERY
TEMPERATURE
1
FUSIBLE
LINK
A83
6
RD/LB
(8W-13-13)
FUSIBLE
LINK
A19
12
RD/YL
(8W-13-13)
K25
18
DB/VT
10
K900
20
DB/DG
5
C130
K25
18
DB/VT
47
C2
K900
18
DB/DG
24
C2
BATT
TEMP
SIGNAL
SENSOR
GROUND
MODULE-
ENGINE
CONTROL
INTAKE AIR
HEATER
RELAY
NO. 1
CONTROL
INTAKE AIR
HEATER
RELAY
NO. 2
CONTROL
6
C2
5
C2
K174
18
BR/YL
K176
18
BR/OR
S198
(8W-13-13)
A83
12
RD/LB
A19
12
RD/YL
S199
(8W-13-13)
20
C130
29
A19
12
RD/YL
K174
18
BR/YL
K176
18
BR/OR
A83
12
RD/LB
BATTERY
(8W-13-13)
30
85
85
30
RELAY-
INTAKE
AIR
HEATER NO. 1
RELAY-
INTAKE
AIR
HEATER NO. 2
87
86
86
87
A122
6
RD
Z174
18
BK/BR
Z176
18
BR/BK
A58
6
RD/LG
S101
(8W-15-2)
HEATER-
INTAKE
AIR NO. 1
Z919
16
BK
HEATER-
INTAKE
AIR NO. 2
G105
(8W-15-2)

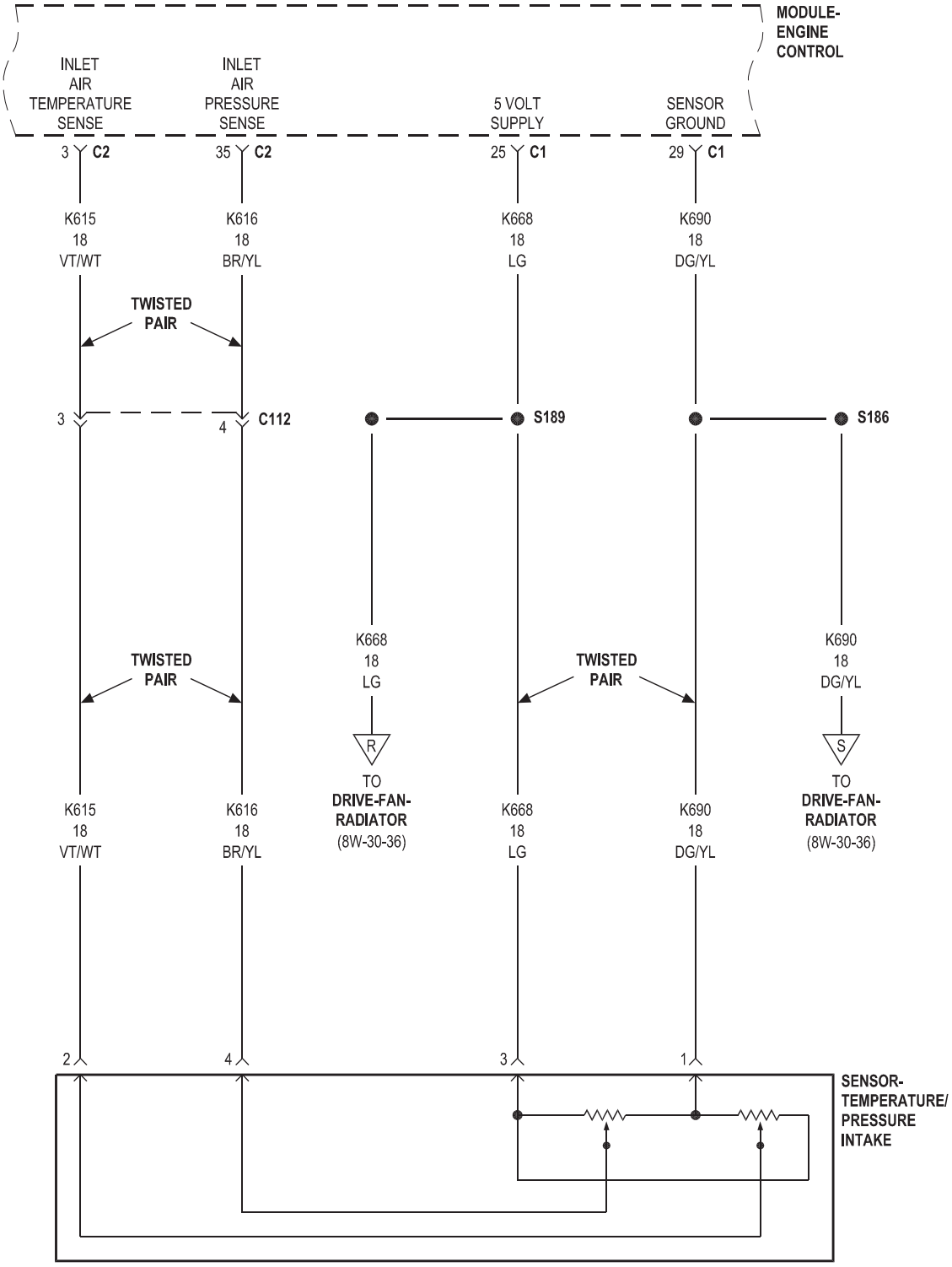

A0 6RD
BATTERY
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
A209
10
RD
S197
(8W-13-13)
FUSIBLE
LINK
A209
16
DB
(8W-13-13)
S166
(8W-13-13)
A209
10
RD
S165
(8W-13-13)
A209
16
RD
A209
16
RD
A209
16
RD
20 C2
30 C2
40 C2
FUSED B(+)
FUSED B(+)
FUSED B(+)
MODULE-
ENGINE
CONTROL
OIL
PRESSURE
SIGNAL
GROUND
GROUND
GROUND
12 C2
21 C2
49 C2
50 C2
Z902
16
BK
Z902
16
BK
Z902
16
BK
S164
(8W-15-16)
G6
18
VT/GY
SWITCH-
ENGINE
OIL
PRESSURE
Z902
10
BK
G114
(8W-15-16)

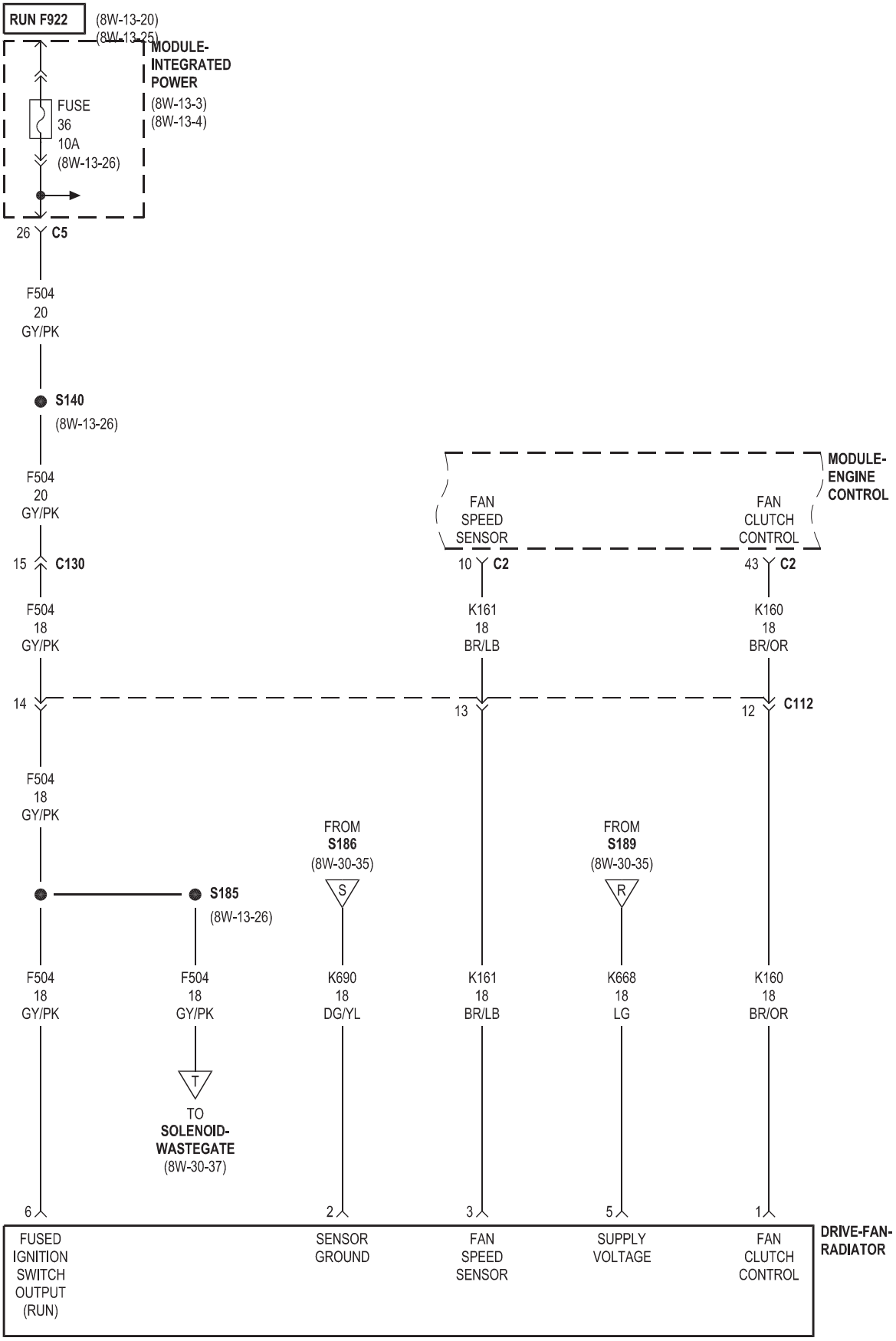

MODULE-
ENGINE
CONTROL
ECT SIGNAL
SENSOR GROUND
5 VOLT SUPPLY
APPS NO. 2 SIGNAL
APPS NO. 2 RETURN
APPS NO. 1 RETURN
APPS NO. 1 SIGNAL
5 VOLT SUPPLY
11 C1
23 C1
33 C2
28 C1
48 C2
33 C1
18 C1
42 C1
K2 18 TN/BK
K29 18 WT/BR
K167 18 BR/YL
K23 18 BR/WT
K852 18 BR/VT
8 C112
5
6
7 C112
B
SENSOR-
ENGINE
COOLANT
TEMPERATURE
A
K854 18 VT/BR
K29 18 WT/BR
K400 18 BR/VT
K167 18 BR/YL
K23 18 VT
K852 20 BR/VT
K914 18 RD/WT
K914 18 RD/WT
7
6
9
27
23
24
C130
K854 20 VT/BR
K29 20 WT/BR
K400 20 BR/VT
K167 20 BR/YL
K23 20 BR/WT
K852 20 BR/LB
S157
2
1
4
6
5
3
C331
K914 18 RD/WT
F856 20 YL/PK
K29 20 WT/BR
K400 20 BR/VT
K167 20 BR/YL
K23 20 BR/WT
F855 20 PK/YL
1
2
3
4
5
6
P
TO
SENSOR-
WATER
IN FUEL
(8W-30-32)
5 VOLT SUPPLY
APPS NO. 2 SIGNAL
APPS NO. 2 RETURN
APPS NO. 1 RETURN
APPS NO. 1 SIGNAL
5 VOLT SUPPLY
SENSOR-
ACCELERATOR
PEDAL
POSITION

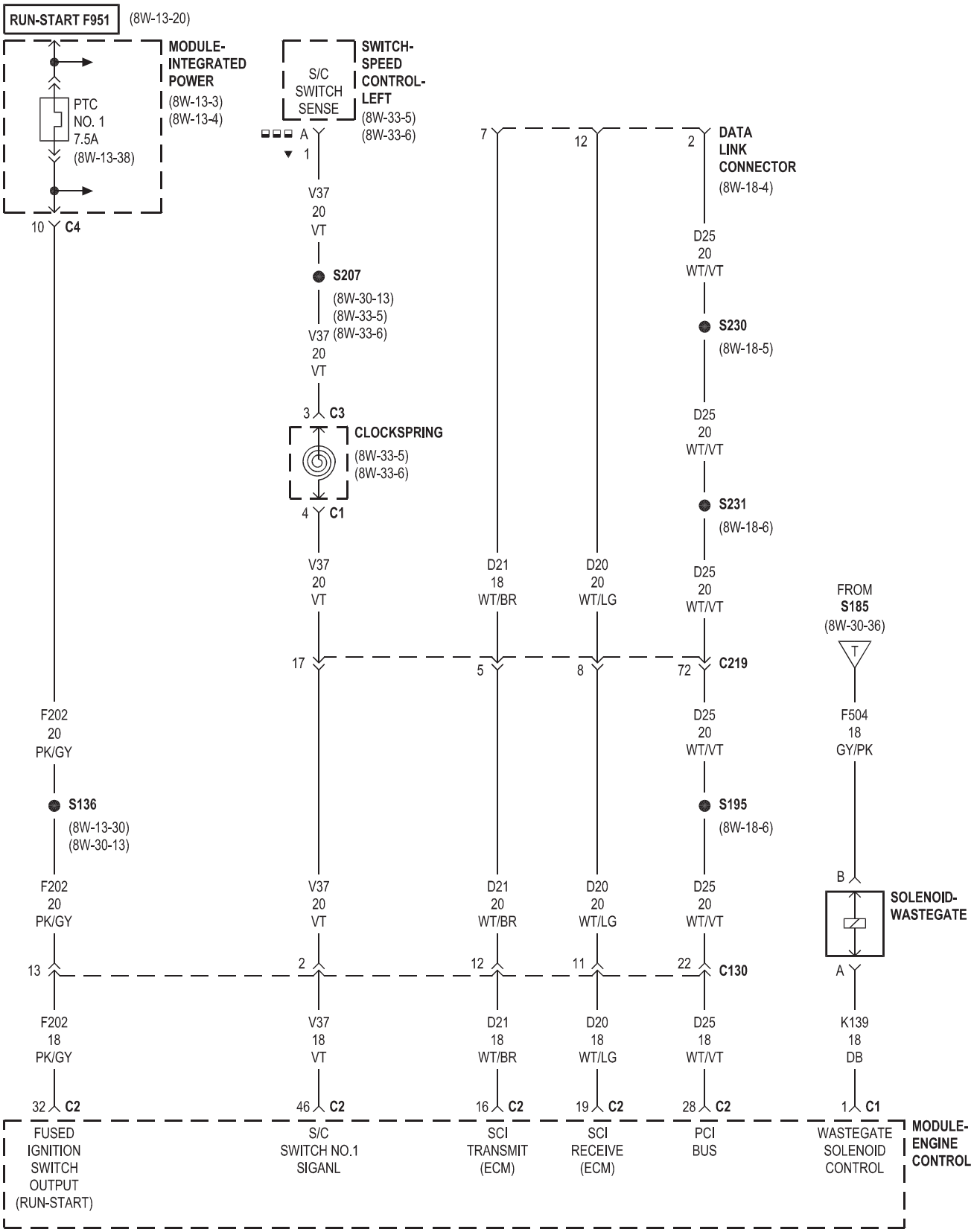

BATT T751
(8W-13-20)
85
RELAY-STARTER MOTOR
(8W-21-2)
(8W-21-4)
86
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
23 C7
T41
20
YL/DB
ETC
MTC
S123
(8W-70-11)
T41 (8W-70-12)
20
YL/DB
PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
SENSOR-TRANSMISSION RANGE
(8W-31-11)
(8W-31-13)
6
A/T
M/T
M/T
A/T
4 C132
5 C132
TOW/HAUL OVERDRIVE OFF SWITCH SENSE
SWITCH-TOW/HAUL OVERDRIVE
(8W-31-3)
(8W-31-14)
1
FROM S157
(8W-30-31)
P
T41
20
YL/DB
T41
20
YL/DB
T41
20
YL/DB
T41
20
YL/DB
T6
20
DG
K914
18
RD/WT
A
1
PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
SWITCH-CLUTCH INTERLOCK (M/T)
(8W-21-2)
(8W-21-3)
(8W-21-5)
SENSOR-WATER IN FUEL
B
S124
(8W-21-3)
(8W-21-5)
(8W-70-12)
18 C219
T41
20
YL/DB
T6
20
DG
13 C108
28 C130
T41
18
YL/DB
T6
18
DG
G123
18
VT/LG
9 C2
13 C2
31 C1
PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
TOW/HAUL OVERDRIVE OFF SWITCH SENSE
WATER IN FUEL SENSOR SIGNAL
MODULE-ENGINE CONTROL
FUEL PUMP RETURN
FUEL PUMP CONTROL
6 C1
19 C1
K65
18
BR/LB
K31
18
BR
2
1
PUMP-FUEL INJECTION
M


BATT A0
(8W-13-13)
RUN-START F951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
12
40A
(8W-13-29)
(8W-13-34)
30
85
RELAY-
FUEL
HEATER
87
86
FUSE
50
10A
(8W-13-30)
1 C1
11 C6
10 C6
14 C5
15 C5
10 C4
A960
14
RD
F202
20
PK/GY
F202
20
PK/GY
S136
(8W-13-30)
(8W-30-13)
A961
14
RD
F202
20
PK/GY
4 C130
13 C130
A961
14
RD
2 C112
A961
14
RD
F202
18
PK/GY
32 C2
B
HEATER-
FUEL
A
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
MODULE-
ENGINE
CONTROL
Z816
14
BK
S176
(8W-15-16)
Z816
12
BK
Z114
20
BK/LG
G120
(8W-15-16)
G104
(8W-15-7)

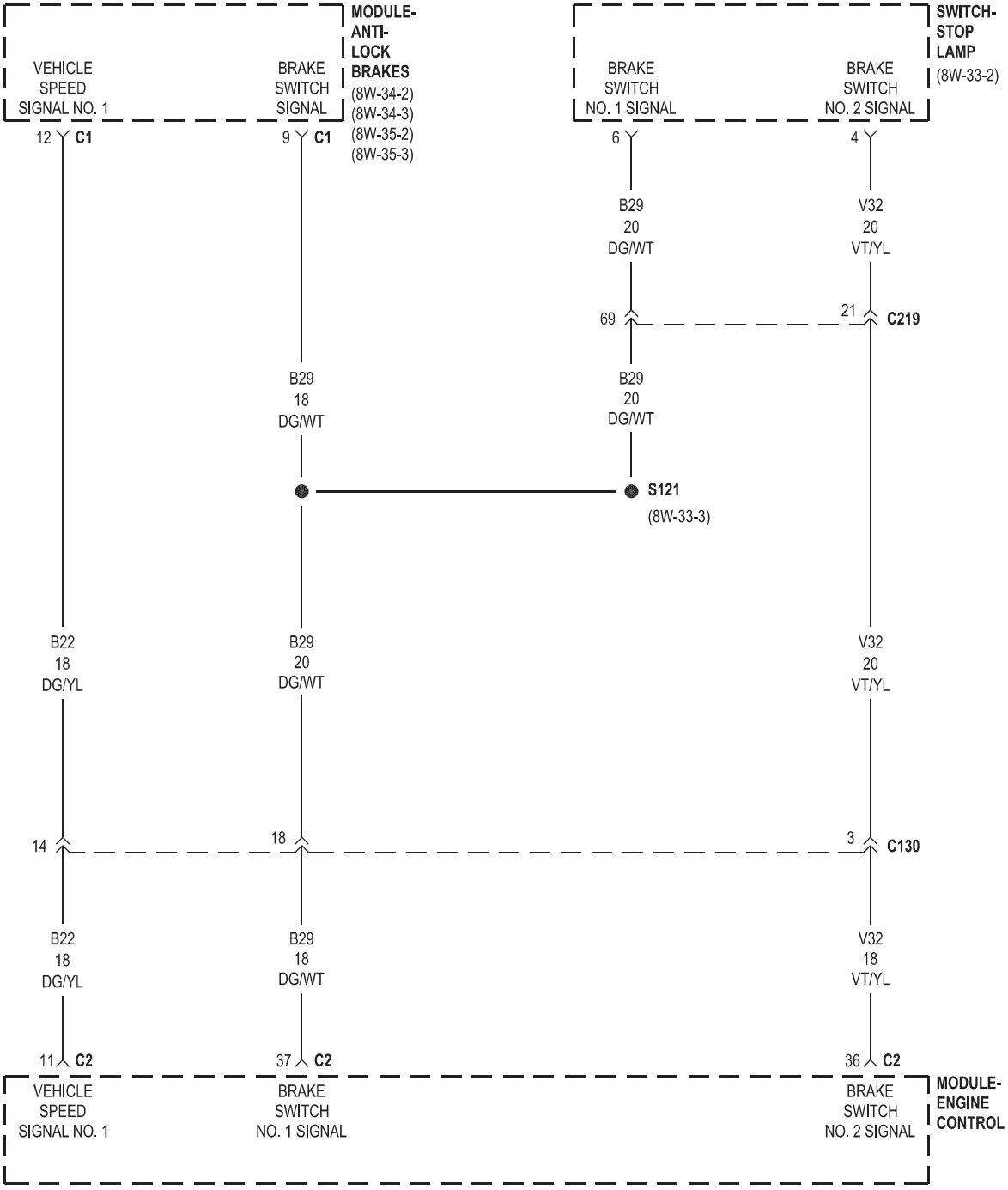

RUN-START A951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
PTC
NO. 1
7.5A
(8W-13-38)
FUSE
50
10A
(8W-13-30)
85
RELAY-
CLUTCH-A/C
COMPRESSOR
(8W-42-6)
86
10 C4
11 C5
FUEL
LEVEL
SENSOR
SIGNAL
MODULE-
FUEL
PUMP
(8W-30-3)
3
N4
18
DB/WT
F202
20
PK/GY
5 C135
S136
(8W-13-30)
(8W-30-13)
C13
20
LB/OR
N4
20
DB/WT
F202
20
PK/GY
21
19
13 C130
C13
18
LB/OR
N4
18
DB/WT
F202
18
PK/GY
41 C2
26 C2
32 C2
A/C
CLUTCH
RELAY
CONTROL
FUEL
LEVEL
SENSOR
SIGNAL
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
MODULE-
ENGINE
CONTROL

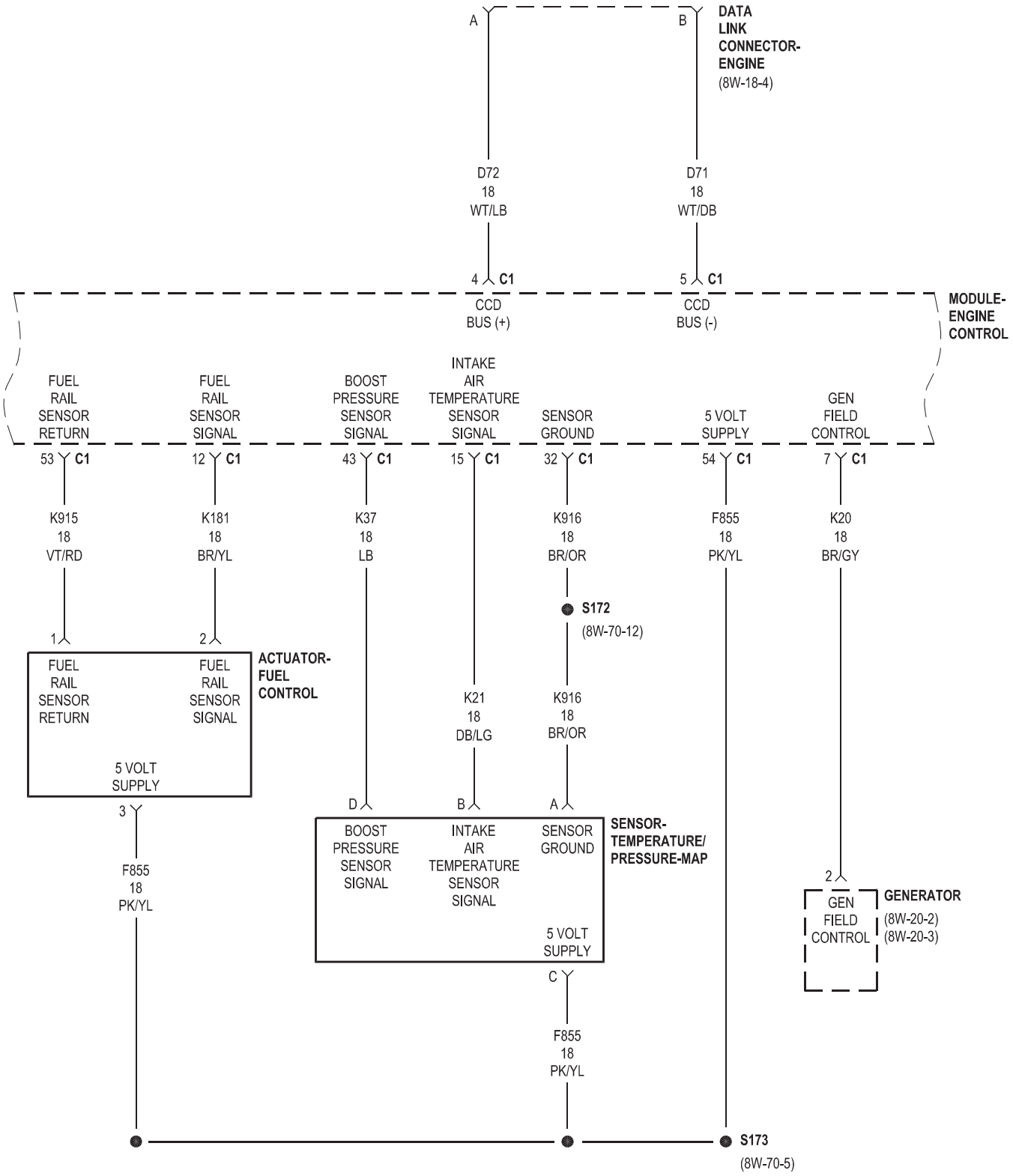

MODULE-
ENGINE
CONTROL
INLET
AIR
TEMPERATURE
SENSE
INLET
AIR
PRESSURE
SENSE
5 VOLT
SUPPLY
SENSOR
GROUND
3 C2
35 C2
25 C1
29 C1
K615
18
VT/WT
K616
18
BR/YL
K668
18
LG
K690
18
DG/YL
TWISTED
PAIR
3
4
C112
S189
S186
TWISTED
PAIR
TWISTED
PAIR
K668
18
LG
K690
18
DG/YL
R
S
TO
DRIVE-FAN-
RADIATOR
(8W-30-36)
TO
DRIVE-FAN-
RADIATOR
(8W-30-36)
K615
18
VT/WT
K616
18
BR/YL
K668
18
LG
K690
18
DG/YL
2
4
3
1
SENSOR-
TEMPERATURE/
PRESSURE
INTAKE

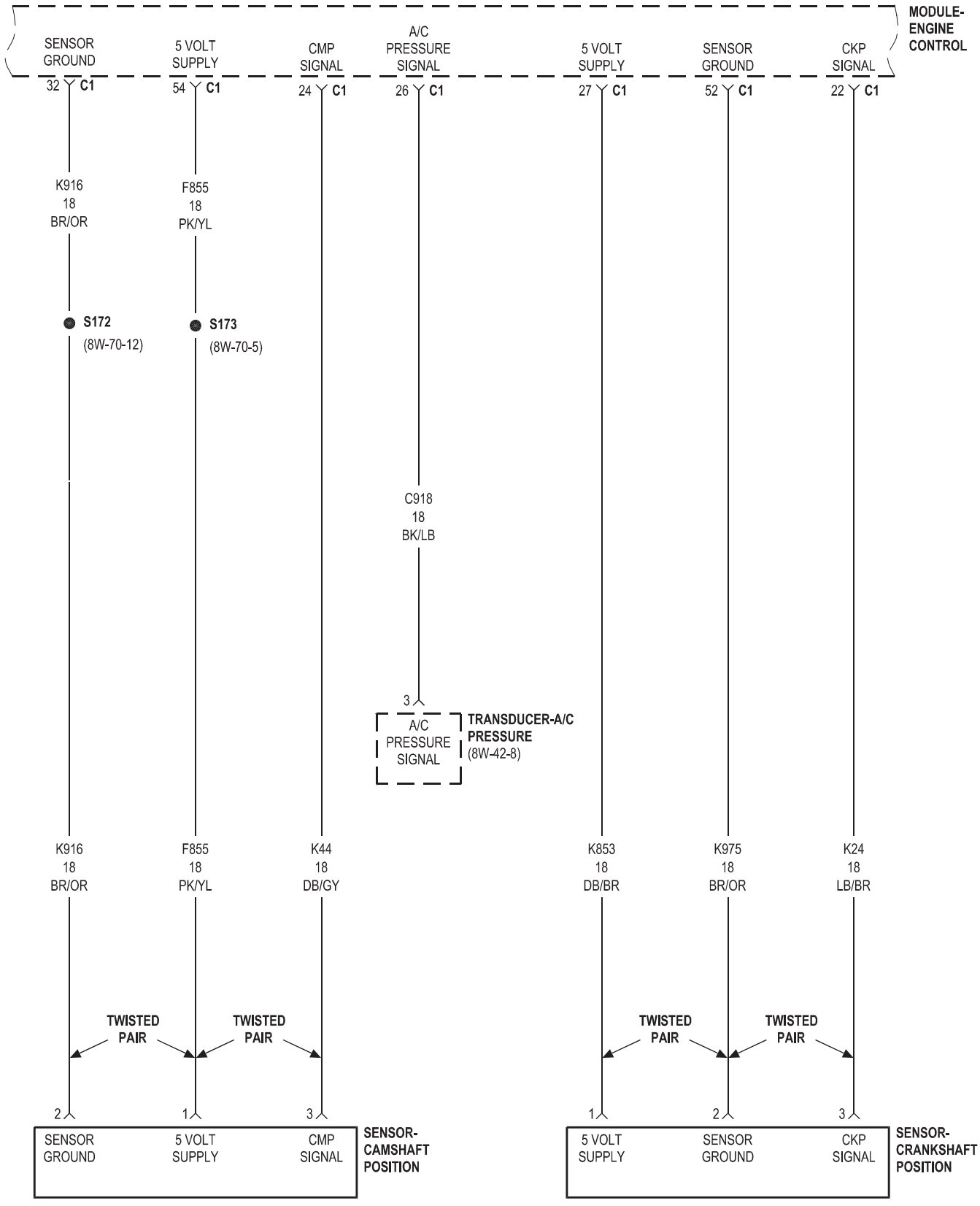

RUN F922
(8W-13-20)
(8W-13-25)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
36
10A
(8W-13-26)
26 C5
F504
20
GY/PK
S140
(8W-13-26)
F504
20
GY/PK
15 C130
F504
18
GY/PK
14
F504
18
GY/PK
S185
(8W-13-26)
F504
18
GY/PK
F504
18
GY/PK
TO
SOLENOID-
WASTEGATE
(8W-30-37)
FROM
S186
(8W-30-35)
S
K690
18
DG/YL
2
SENSOR
GROUND
MODULE-
ENGINE
CONTROL
FAN
SPEED
SENSOR
10 C2
K161
18
BR/LB
13
K161
18
BR/LB
3
FAN
SPEED
SENSOR
FROM
S189
(8W-30-35)
R
K668
18
LG
5
SUPPLY
VOLTAGE
FAN
CLUTCH
CONTROL
43 C2
K160
18
BR/OR
12 C112
K160
18
BR/OR
1
FAN
CLUTCH
CONTROL
6
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
DRIVE-FAN-
RADIATOR

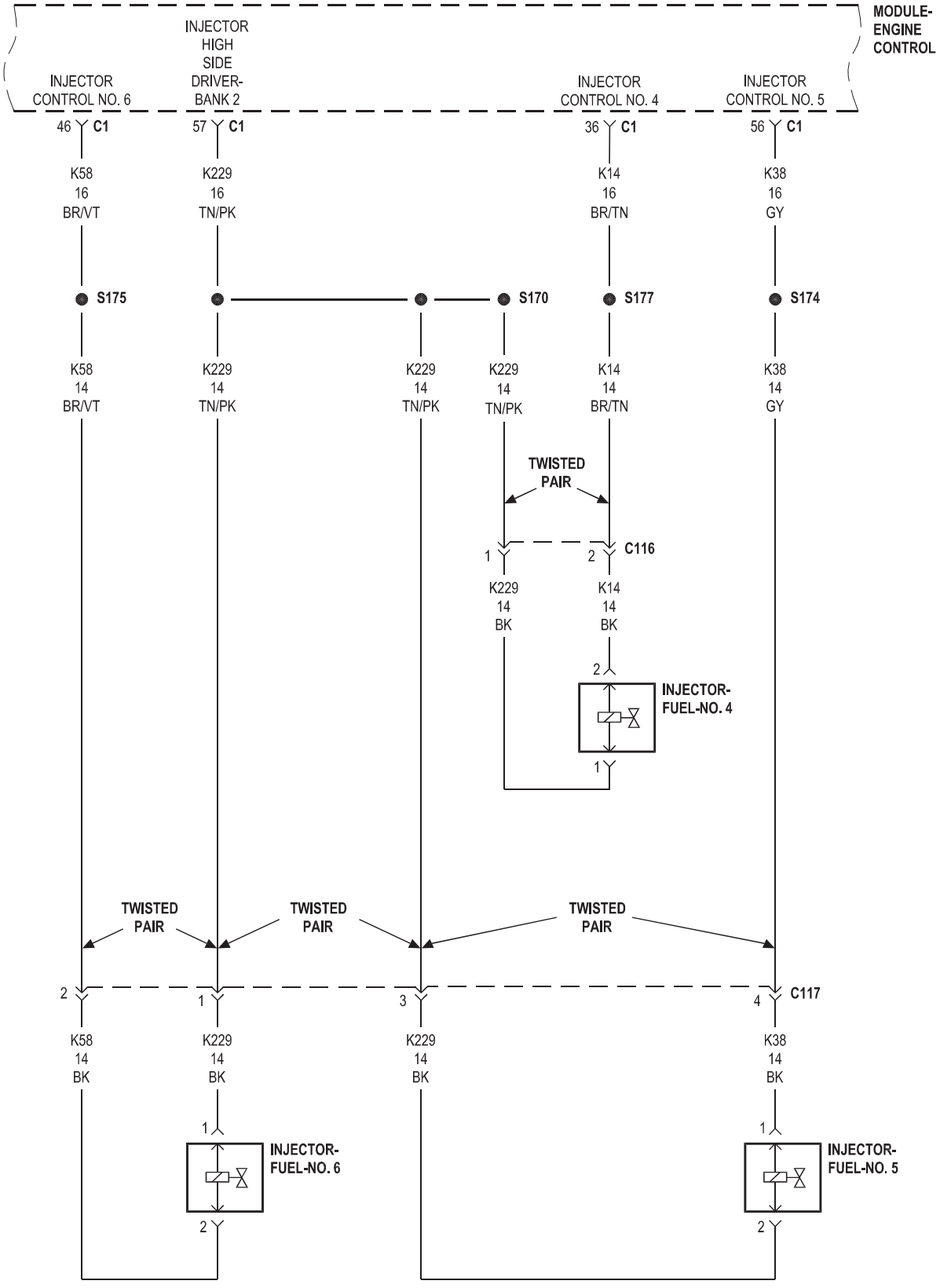

RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
PTC NO. 1 7.5A
(8W-13-38)
10 C4
S/C SWITCH SENSE
SWITCH-SPEED CONTROL-LEFT
(8W-33-5)
(8W-33-6)
A
1
V37 20 VT
S207
(8W-30-13)
(8W-33-5)
(8W-33-6)
V37 20 VT
3 C3
CLOCKSPRING
(8W-33-5)
(8W-33-6)
4 C1
V37 20 VT
17
F202 20 PK/GY
S136
(8W-13-30)
(8W-30-13)
F202 20 PK/GY
13
F202 18 PK/GY
32 C2
FUSED IGNITION SWITCH OUTPUT (RUN-START)
V37 20 VT
2
V37 18 VT
46 C2
S/C SWITCH NO.1 SIGANL
7
D21 18 WT/BR
5
D21 20 WT/BR
12
D21 18 WT/BR
16 C2
SCI TRANSMIT (ECM)
12
D20 20 WT/LG
8
D20 18 WT/LG
19 C2
SCI RECEIVE (ECM)
2
DATA LINK CONNECTOR
(8W-18-4)
D25 20 WT/VT
S230
(8W-18-5)
D25 20 WT/VT
S231
(8W-18-6)
D25 20 WT/VT
72 C219
D25 20 WT/VT
S195
(8W-18-6)
D25 20 WT/VT
22 C130
D25 18 WT/VT
28 C2
PCI BUS
FROM S185
(8W-30-36)
T
F504 18 GY/PK
B
SOLENOID-WASTEGATE
A
K139 18 DB
1 C1
WASTEGATE SOLENOID CONTROL
MODULE-ENGINE CONTROL

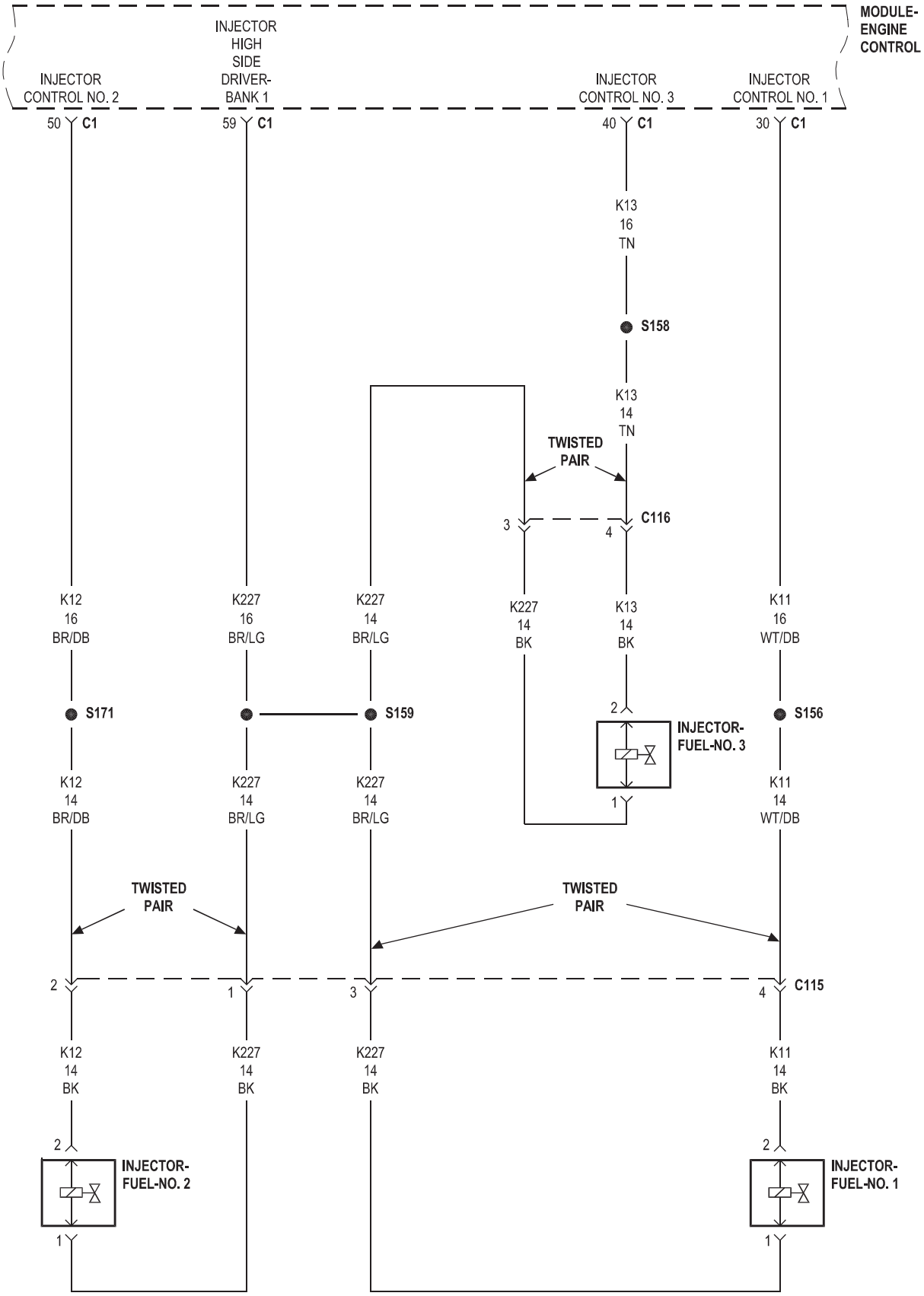
▼ ETC
▬▬▬ MTC

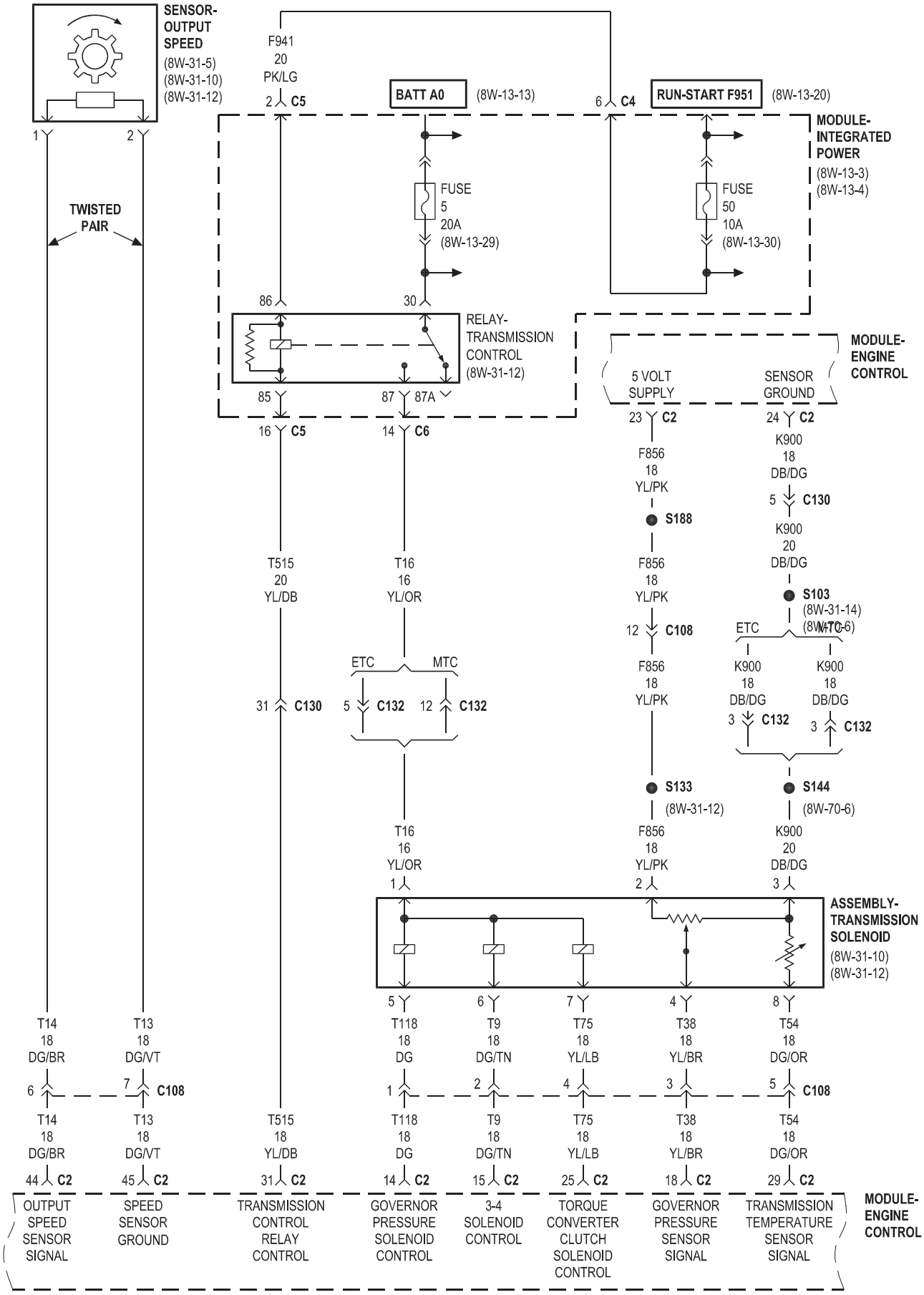

MODULE-
ANTI-
LOCK
BRAKES
(8W-34-2)
(8W-34-3)
(8W-35-2)
(8W-35-3)
VEHICLE
SPEED
SIGNAL NO. 1
BRAKE
SWITCH
SIGNAL
12 C1
9 C1
SWITCH-
STOP
LAMP
(8W-33-2)
BRAKE
SWITCH
NO. 1 SIGNAL
BRAKE
SWITCH
NO. 2 SIGNAL
6
4
B29
20
DG/WT
V32
20
VT/YL
69
21 C219
B29
18
DG/WT
B29
20
DG/WT
S121
(8W-33-3)
B22
18
DG/YL
B29
20
DG/WT
V32
20
VT/YL
14
18
3 C130
B22
18
DG/YL
B29
18
DG/WT
V32
18
VT/YL
11 C2
37 C2
36 C2
VEHICLE
SPEED
SIGNAL NO. 1
BRAKE
SWITCH
NO. 1 SIGNAL
BRAKE
SWITCH
NO. 2 SIGNAL
MODULE-
ENGINE
CONTROL

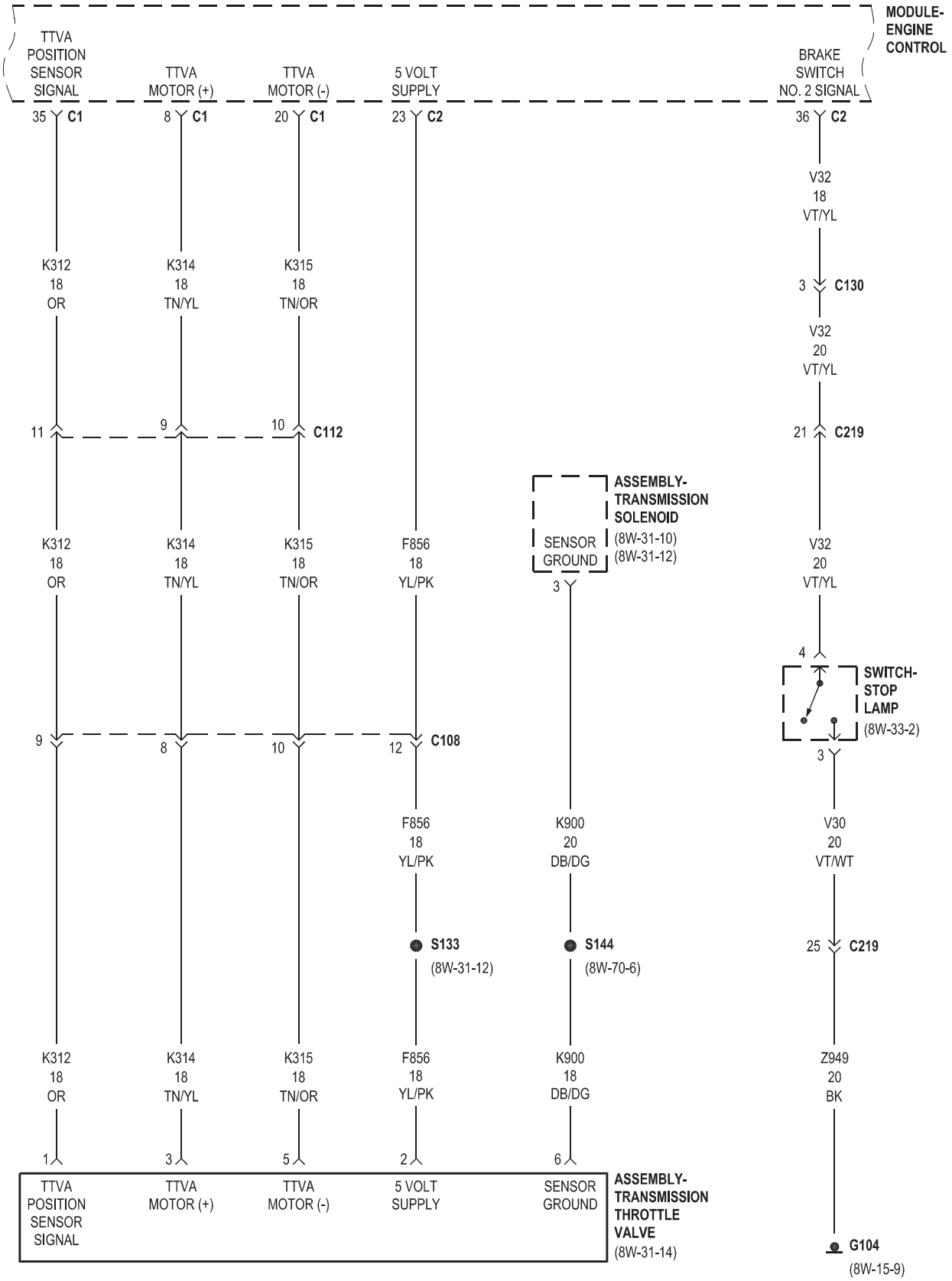

A
B
DATA LINK CONNECTOR-ENGINE
(8W-18-4)
D72
18
WT/LB
D71
18
WT/DB
4 C1
5 C1
CCD BUS (+)
CCD BUS (-)
MODULE-ENGINE CONTROL
FUEL RAIL SENSOR RETURN
FUEL RAIL SENSOR SIGNAL
BOOST PRESSURE SENSOR SIGNAL
INTAKE AIR TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
5 VOLT SUPPLY
GEN FIELD CONTROL
53 C1
12 C1
43 C1
15 C1
32 C1
54 C1
7 C1
K915
18
VT/RD
K181
18
BR/YL
K37
18
LB
K916
18
BR/OR
F855
18
PK/YL
K20
18
BR/GY
S172
(8W-70-12)
1
2
FUEL RAIL SENSOR RETURN
FUEL RAIL SENSOR SIGNAL
5 VOLT SUPPLY
ACTUATOR-FUEL CONTROL
K21
18
DB/LG
K916
18
BR/OR
D
B
A
BOOST PRESSURE SENSOR SIGNAL
INTAKE AIR TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
5 VOLT SUPPLY
SENSOR-TEMPERATURE/PRESSURE-MAP
3
2
GEN FIELD CONTROL
GENERATOR
(8W-20-2)
(8W-20-3)
F855
18
PK/YL
C
F855
18
PK/YL
S173
(8W-70-5)


MODULE-ENGINE CONTROL
SENSOR GROUND
32 C1
5 VOLT SUPPLY
54 C1
CMP SIGNAL
24 C1
A/C PRESSURE SIGNAL
26 C1
5 VOLT SUPPLY
27 C1
SENSOR GROUND
52 C1
CKP SIGNAL
22 C1
K916 18 BR/OR
F855 18 PK/YL
S172
(8W-70-12)
S173
(8W-70-5)
C918 18 BK/LB
3
A/C PRESSURE SIGNAL
TRANSDUCER-A/C PRESSURE
(8W-42-8)
K916 18 BR/OR
F855 18 PK/YL
K44 18 DB/GY
K853 18 DB/BR
K975 18 BR/OR
K24 18 LB/BR
TWISTED PAIR
TWISTED PAIR
TWISTED PAIR
TWISTED PAIR
2
1
3
1
2
3
SENSOR GROUND
5 VOLT SUPPLY
CMP SIGNAL
SENSOR-CAMSHAFT POSITION
5 VOLT SUPPLY
SENSOR GROUND
CKP SIGNAL
SENSOR-CRANKSHAFT POSITION


MODULE-
ENGINE
CONTROL
INJECTOR
CONTROL NO. 6
INJECTOR
HIGH
SIDE
DRIVER-
BANK 2
INJECTOR
CONTROL NO. 4
INJECTOR
CONTROL NO. 5
46 C1
57 C1
36 C1
56 C1
K58
16
BR/VT
K229
16
TN/PK
K14
16
BR/TN
K38
16
GY
S175
S170
S177
S174
K58
14
BR/VT
K229
14
TN/PK
K229
14
TN/PK
K229
14
TN/PK
K14
14
BR/TN
K38
14
GY
TWISTED
PAIR
1
2
C116
K229
14
BK
K14
14
BK
2
INJECTOR-
FUEL-NO. 4
1
TWISTED
PAIR
TWISTED
PAIR
TWISTED
PAIR
2
1
3
4
C117
K58
14
BK
K229
14
BK
K229
14
BK
K38
14
BK
1
INJECTOR-
FUEL-NO. 6
2
1
INJECTOR-
FUEL-NO. 5
2

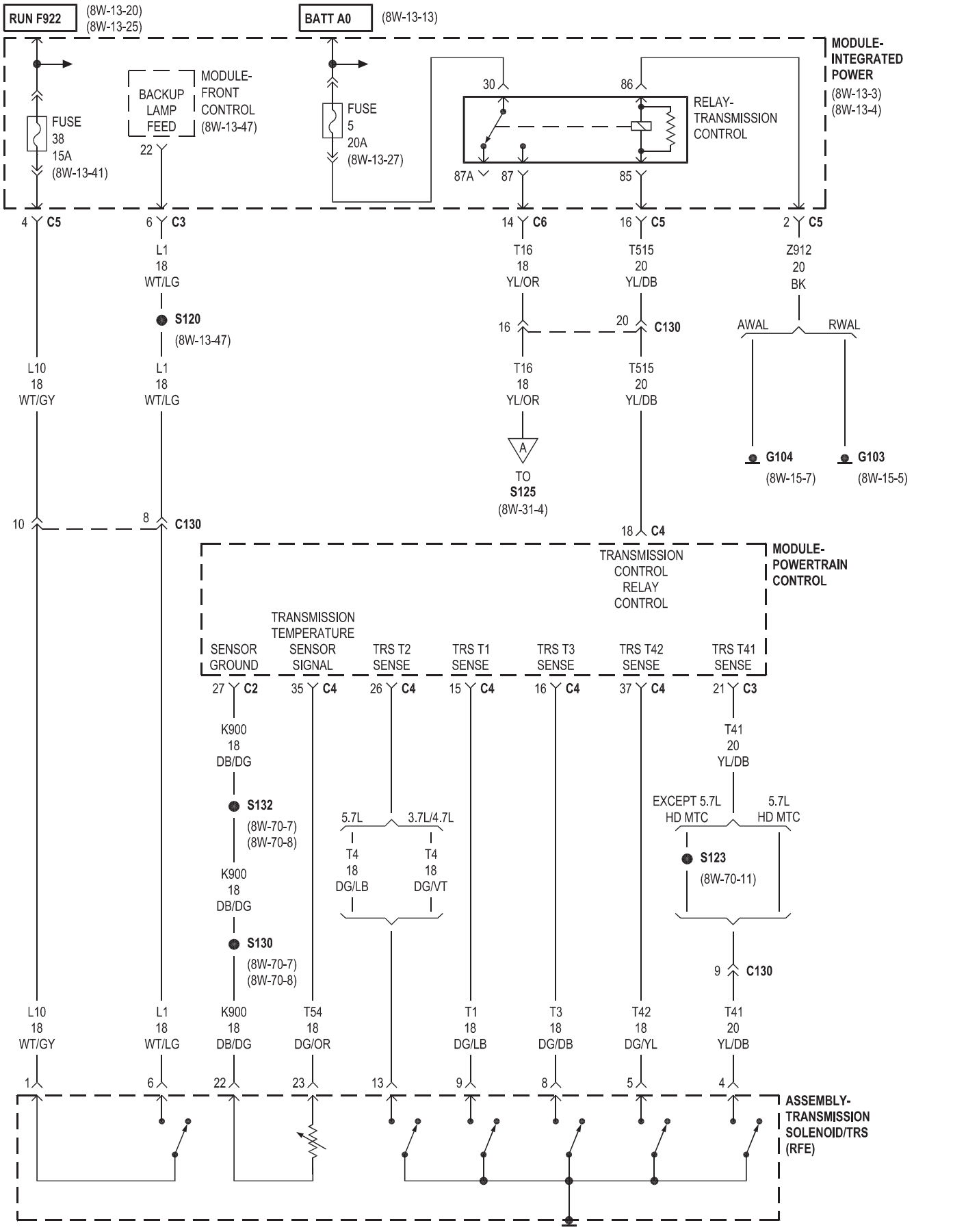

MODULE-
ENGINE
CONTROL
INJECTOR
CONTROL NO. 2
INJECTOR
HIGH
SIDE
DRIVER-
BANK 1
INJECTOR
CONTROL NO. 3
INJECTOR
CONTROL NO. 1
50 C1
59 C1
40 C1
30 C1
K13
16
TN
S158
K13
14
TN
TWISTED
PAIR
3
C116
4
K12
16
BR/DB
K227
16
BR/LG
K227
14
BR/LG
K227
14
BK
K13
14
BK
K11
16
WT/DB
S171
S159
2
INJECTOR-
FUEL-NO. 3
S156
1
K12
14
BR/DB
K227
14
BR/LG
K227
14
BR/LG
K11
14
WT/DB
TWISTED
PAIR
TWISTED
PAIR
2
1
3
4
C115
K12
14
BK
K227
14
BK
K227
14
BK
K11
14
BK
2
INJECTOR-
FUEL-NO. 2
2
INJECTOR-
FUEL-NO. 1
1
1

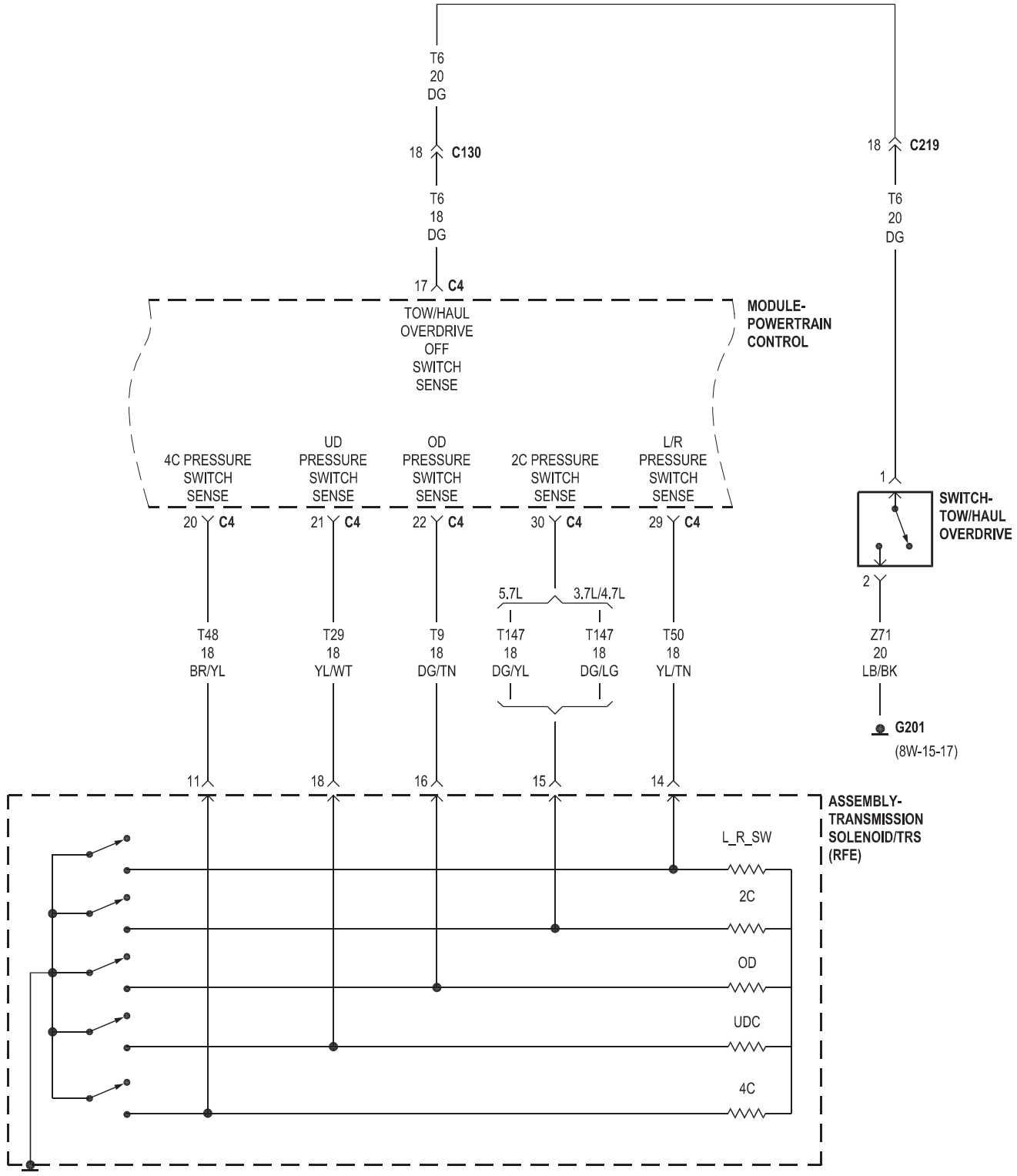

SENSOR-OUTPUT SPEED
(8W-31-5)
(8W-31-10)
(8W-31-12)
1
2
TWISTED PAIR
F941
20
PK/LG
2 C5
BATT A0
(8W-13-13)
6 C4
RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE
5
20A
(8W-13-29)
FUSE
50
10A
(8W-13-30)
86
30
RELAY-TRANSMISSION CONTROL
(8W-31-12)
85
87
87A
MODULE-ENGINE CONTROL
5 VOLT SUPPLY
SENSOR GROUND
16 C5
14 C6
23 C2
24 C2
F856
18
YL/PK
K900
18
DB/DG
5 C130
S188
K900
20
DB/DG
T515
20
YL/DB
T16
16
YL/OR
F856
18
YL/PK
S103
(8W-31-14)
(8W-70-6)
12 C108
ETC
MTC
K900
18
DB/DG
K900
18
DB/DG
31 C130
5 C132
12 C132
3 C132
3 C132
F856
18
YL/PK
S133
(8W-31-12)
S144
(8W-70-6)
T16
16
YL/OR
1
F856
18
YL/PK
2
K900
20
DB/DG
3
ASSEMBLY-TRANSMISSION SOLENOID
(8W-31-10)
(8W-31-12)
5
6
7
4
8
T14
18
DG/BR
T13
18
DG/VT
6
7 C108
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
1
2
4
3
5 C108
T14
18
DG/BR
T13
18
DG/VT
T515
18
YL/DB
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
44 C2
45 C2
31 C2
14 C2
15 C2
25 C2
18 C2
29 C2
OUTPUT SPEED SENSOR SIGNAL
SPEED SENSOR GROUND
TRANSMISSION CONTROL RELAY CONTROL
GOVERNOR PRESSURE SOLENOID CONTROL
3-4 SOLENOID CONTROL
TORQUE CONVERTER CLUTCH SOLENOID CONTROL
GOVERNOR PRESSURE SENSOR SIGNAL
TRANSMISSION TEMPERATURE SENSOR SIGNAL
MODULE-ENGINE CONTROL

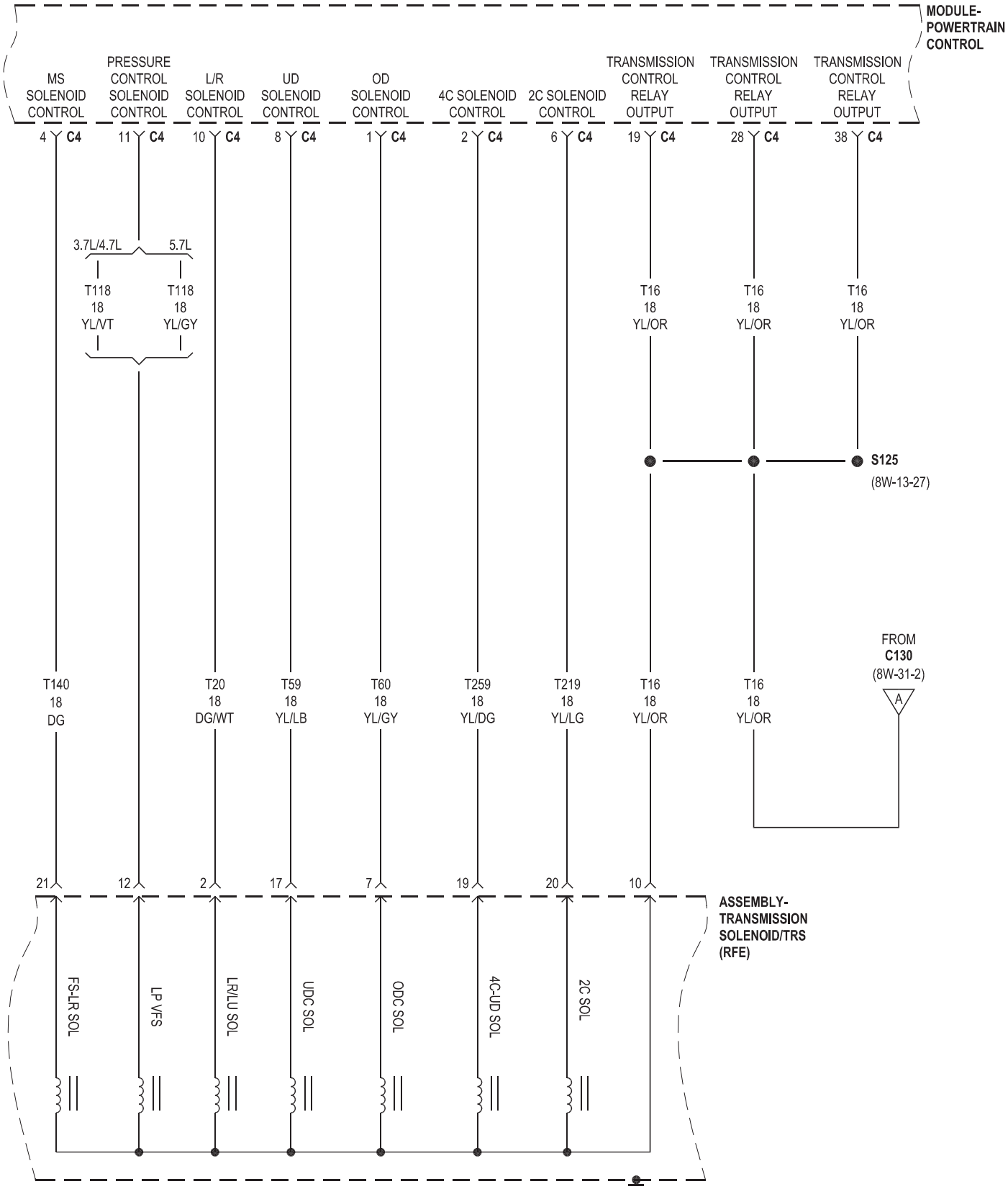

MODULE-ENGINE CONTROL
TTVA POSITION SENSOR SIGNAL
TTVA MOTOR (+)
TTVA MOTOR (-)
5 VOLT SUPPLY
BRAKE SWITCH NO. 2 SIGNAL
35 C1
8 C1
20 C1
23 C2
36 C2
K312 18 OR
K314 18 TN/YL
K315 18 TN/OR
V32 18 VT/YL
3 C130
V32 20 VT/YL
11
9
10 C112
21 C219
ASSEMBLY-TRANSMISSION SOLENOID
(8W-31-10)
(8W-31-12)
SENSOR GROUND
F856 18 YL/PK
V32 20 VT/YL
4
SWITCH-STOP LAMP
(8W-33-2)
9
8
10
12 C108
3
F856 18 YL/PK
K900 20 DB/DG
V30 20 VT/WT
S133
(8W-31-12)
S144
(8W-70-6)
25 C219
K312 18 OR
K314 18 TN/YL
K315 18 TN/OR
F856 18 YL/PK
K900 18 DB/DG
Z949 20 BK
1
3
5
2
6
TTVA POSITION SENSOR SIGNAL
TTVA MOTOR (+)
TTVA MOTOR (-)
5 VOLT SUPPLY
SENSOR GROUND
ASSEMBLY-TRANSMISSION THROTTLE VALVE
(8W-31-14)
G104
(8W-15-9)

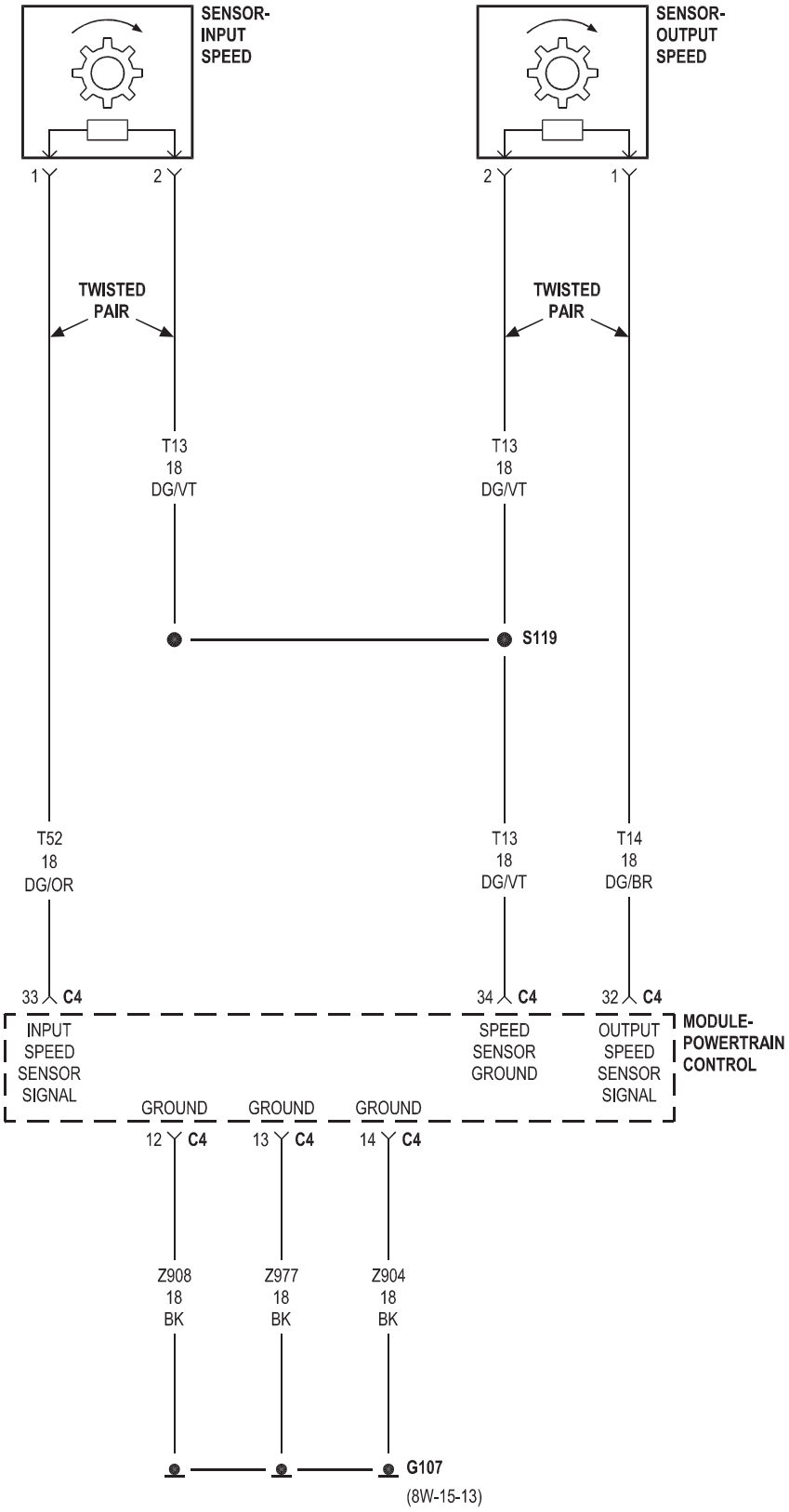
8W-31 TRANSMISSION CONTROL SYSTEM

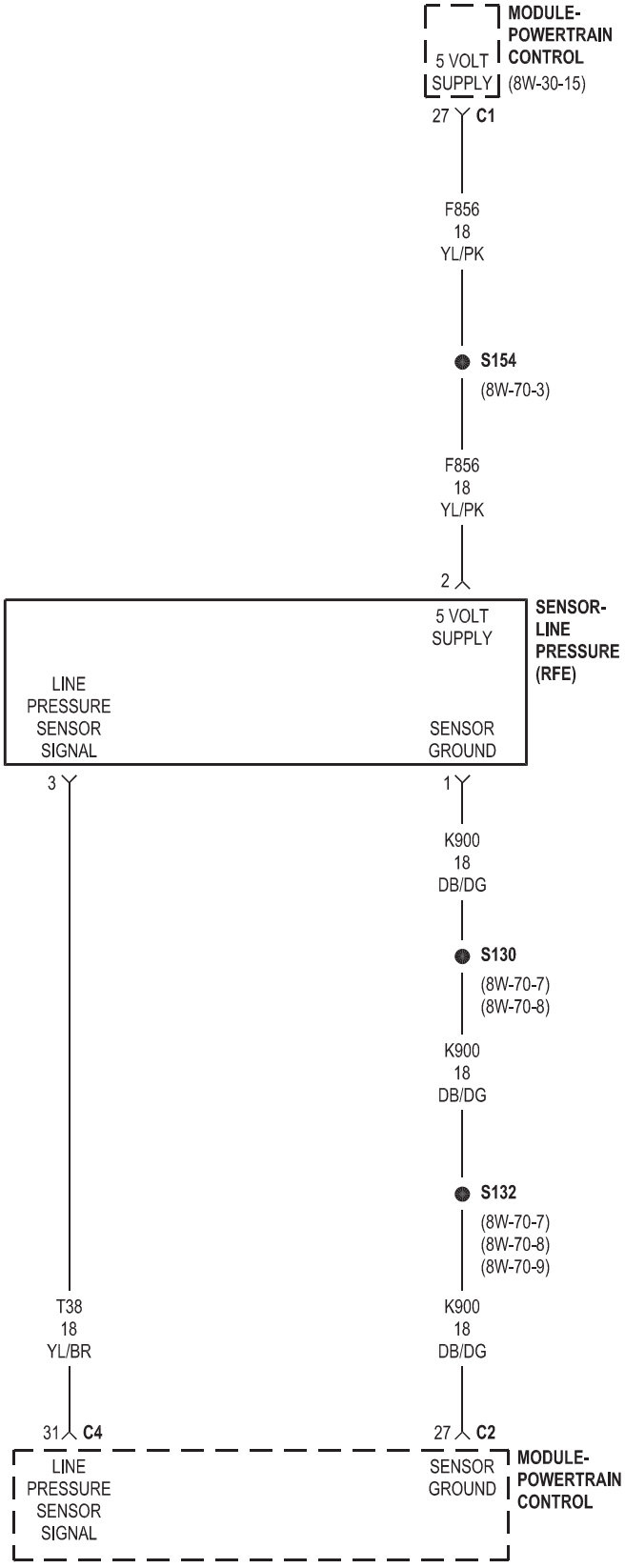
Component	Page
Assembly-Shift Motor/Mode Sensor	8W-31-16, 17, 18
Assembly-Transmission Solenoid	8W-31-10, 12, 14
Assembly-Transmission Solenoid/TRS	8W-31-2, 3, 4
Assembly-Transmission Throttle Valve	8W-31-12, 14
Clockspring	8W-31-14
Cluster	8W-31-8, 11, 13, 19
Data Link Connector	8W-31-16
Fuse 5	8W-31-2,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


RUN F922
(8W-13-20)
(8W-13-25)
BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
38
15A
(8W-13-41)
BACKUP
LAMP
FEED
MODULE-
FRONT
CONTROL
(8W-13-47)
FUSE
5
20A
(8W-13-27)
30
86
RELAY-
TRANSMISSION
CONTROL
87A
87
85
4 C5
6 C3
14 C6
16 C5
2 C5
L1
18
WT/LG
T16
18
YL/OR
T515
20
YL/DB
Z912
20
BK
S120
(8W-13-47)
16
20 C130
AWAL
RWAL
L10
18
WT/GY
L1
18
WT/LG
T16
18
YL/OR
T515
20
YL/DB
A
TO
S125
(8W-31-4)
G104
(8W-15-7)
G103
(8W-15-5)
10
8 C130
18 C4
MODULE-
POWERTRAIN
CONTROL
TRANSMISSION
CONTROL
RELAY
CONTROL
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
SENSOR
GROUND
TRS T2
SENSE
TRS T1
SENSE
TRS T3
SENSE
TRS T42
SENSE
TRS T41
SENSE
27 C2
35 C4
26 C4
15 C4
16 C4
37 C4
21 C3
K900
18
DB/DG
T41
20
YL/DB
S132
(8W-70-7)
(8W-70-8)
5.7L
3.7L/4.7L
EXCEPT 5.7L
HD MTC
5.7L
HD MTC
T4
18
DG/LB
T4
18
DG/VT
S123
(8W-70-11)
K900
18
DB/DG
S130
(8W-70-7)
(8W-70-8)
9 C130
L10
18
WT/GY
L1
18
WT/LG
K900
18
DB/DG
T54
18
DG/OR
T1
18
DG/LB
T3
18
DG/DB
T42
18
DG/YL
T41
20
YL/DB
1
6
22
23
13
9
8
5
4
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)

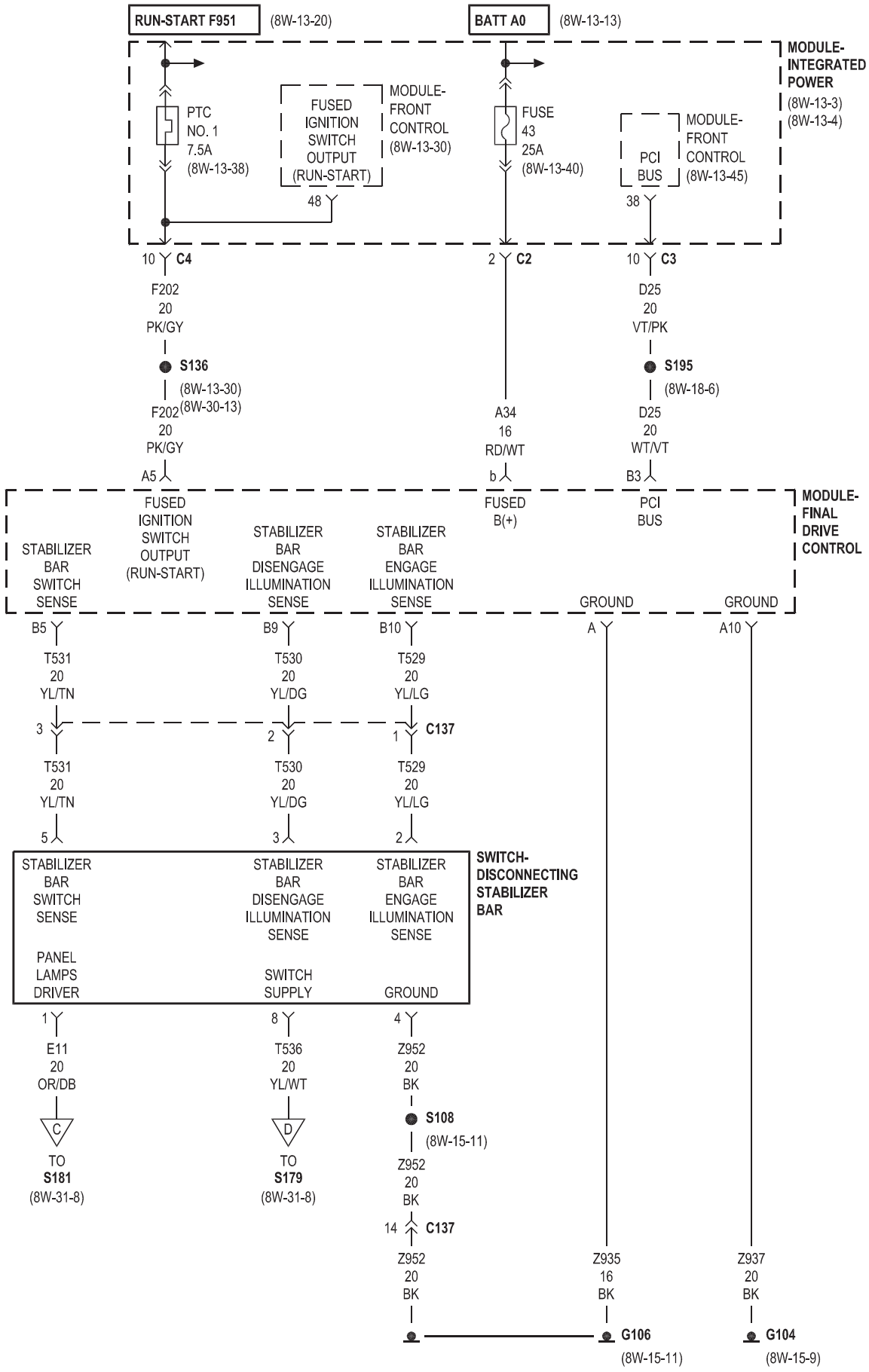

T6
20
DG
18 C130
T6
18
DG
17 C4
18 C219
T6
20
DG
MODULE-
POWERTRAIN
CONTROL
TOW/HAUL
OVERDRIVE
OFF
SWITCH
SENSE
4C PRESSURE
SWITCH
SENSE
UD
PRESSURE
SWITCH
SENSE
OD
PRESSURE
SWITCH
SENSE
2C PRESSURE
SWITCH
SENSE
L/R
PRESSURE
SWITCH
SENSE
20 C4
21 C4
22 C4
30 C4
29 C4
1
SWITCH-
TOW/HAUL
OVERDRIVE
2
5.7L
3.7L/4.7L
T48
18
BR/YL
T29
18
YL/WT
T9
18
DG/TN
T147
18
DG/YL
T147
18
DG/LG
T50
18
YL/TN
Z71
20
LB/BK
G201
(8W-15-17)
11
18
16
15
14
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
L_R_SW
2C
OD
UDC
4C

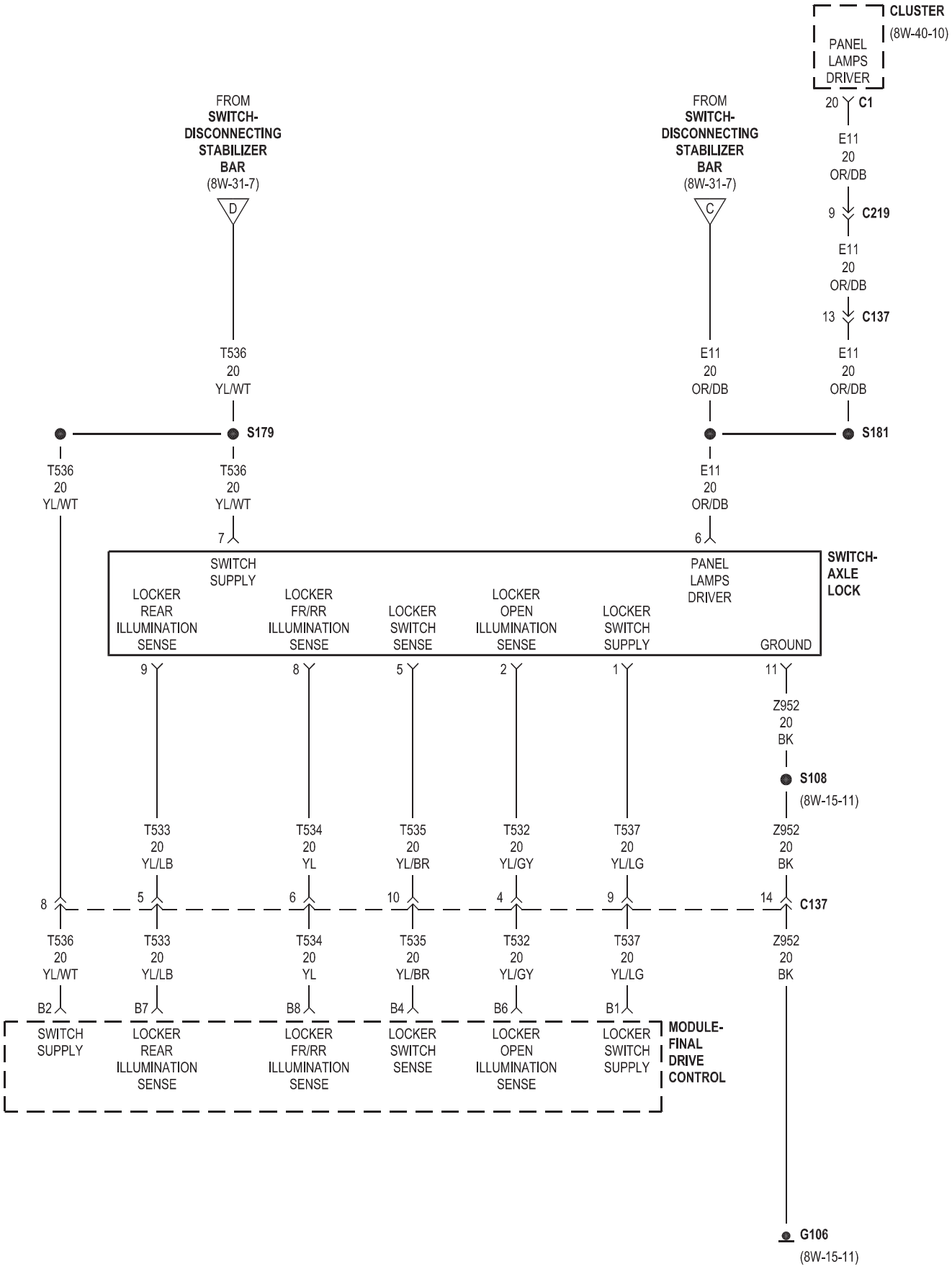

MODULE-
POWERTRAIN
CONTROL
MS SOLENOID CONTROL
PRESSURE CONTROL SOLENOID CONTROL
L/R SOLENOID CONTROL
UD SOLENOID CONTROL
OD SOLENOID CONTROL
4C SOLENOID CONTROL
2C SOLENOID CONTROL
TRANSMISSION CONTROL RELAY OUTPUT
TRANSMISSION CONTROL RELAY OUTPUT
TRANSMISSION CONTROL RELAY OUTPUT
4 C4
11 C4
10 C4
8 C4
1 C4
2 C4
6 C4
19 C4
28 C4
38 C4
3.7L/4.7L
5.7L
T118 18 YL/VT
T118 18 YL/GY
T16 18 YL/OR
T16 18 YL/OR
T16 18 YL/OR
S125
(8W-13-27)
FROM C130
(8W-31-2)
A
T140 18 DG
T20 18 DG/WT
T59 18 YL/LB
T60 18 YL/GY
T259 18 YL/DG
T219 18 YL/LG
T16 18 YL/OR
T16 18 YL/OR
21
12
2
17
7
19
20
10
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
FS-LR SOL
LP VFS
LR/LU SOL
UDC SOL
ODC SOL
4C-UD SOL
2C SOL

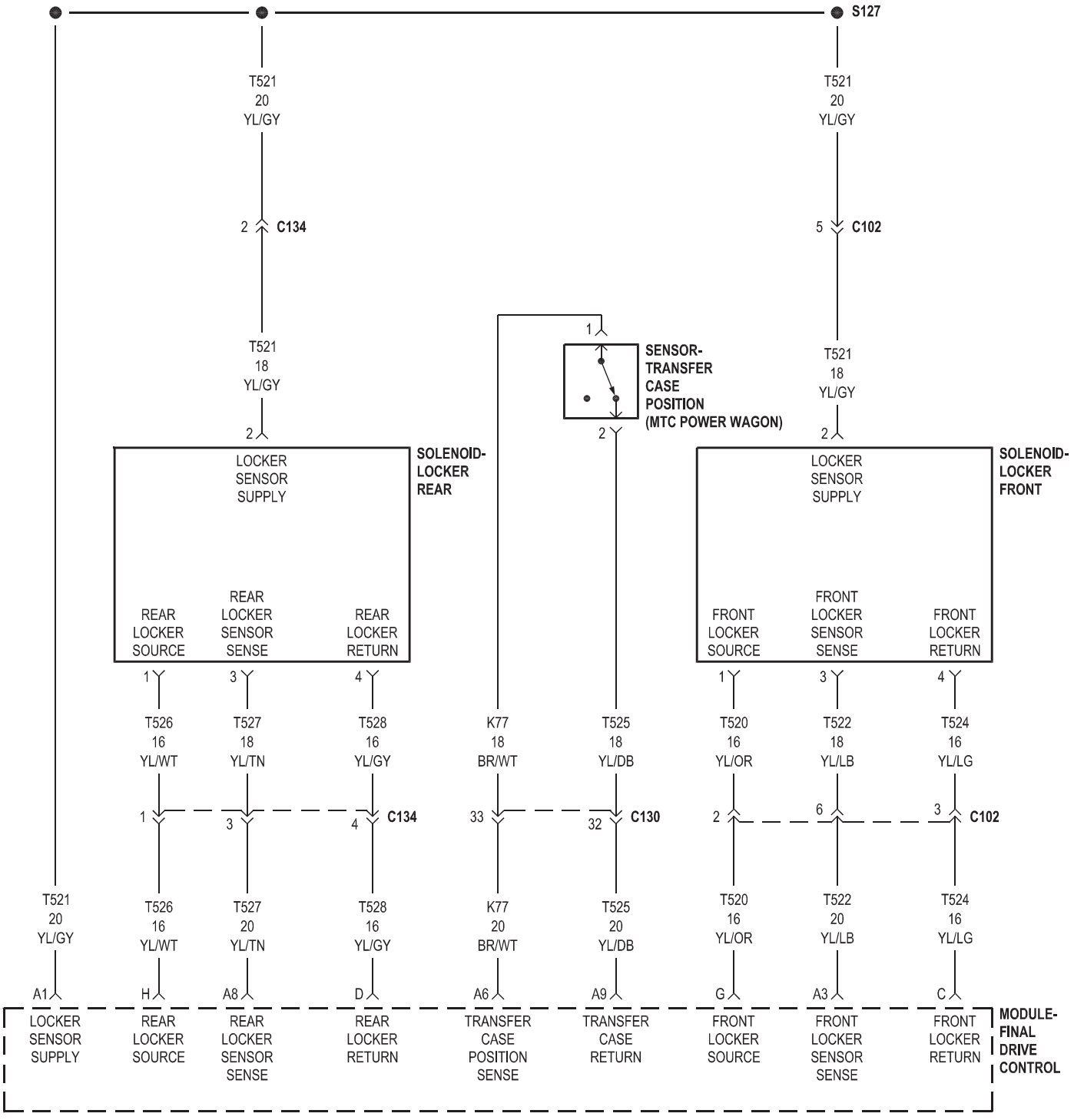

SENSOR-
INPUT
SPEED
SENSOR-
OUTPUT
SPEED
1
2
2
1
TWISTED
PAIR
TWISTED
PAIR
T13
18
DG/VT
T13
18
DG/VT
S119
T52
18
DG/OR
T13
18
DG/VT
T14
18
DG/BR
33 C4
34 C4
32 C4
INPUT
SPEED
SENSOR
SIGNAL
SPEED
SENSOR
GROUND
OUTPUT
SPEED
SENSOR
SIGNAL
MODULE-
POWERTRAIN
CONTROL
GROUND
GROUND
GROUND
12 C4
13 C4
14 C4
Z908
18
BK
Z977
18
BK
Z904
18
BK
G107
(8W-15-13)

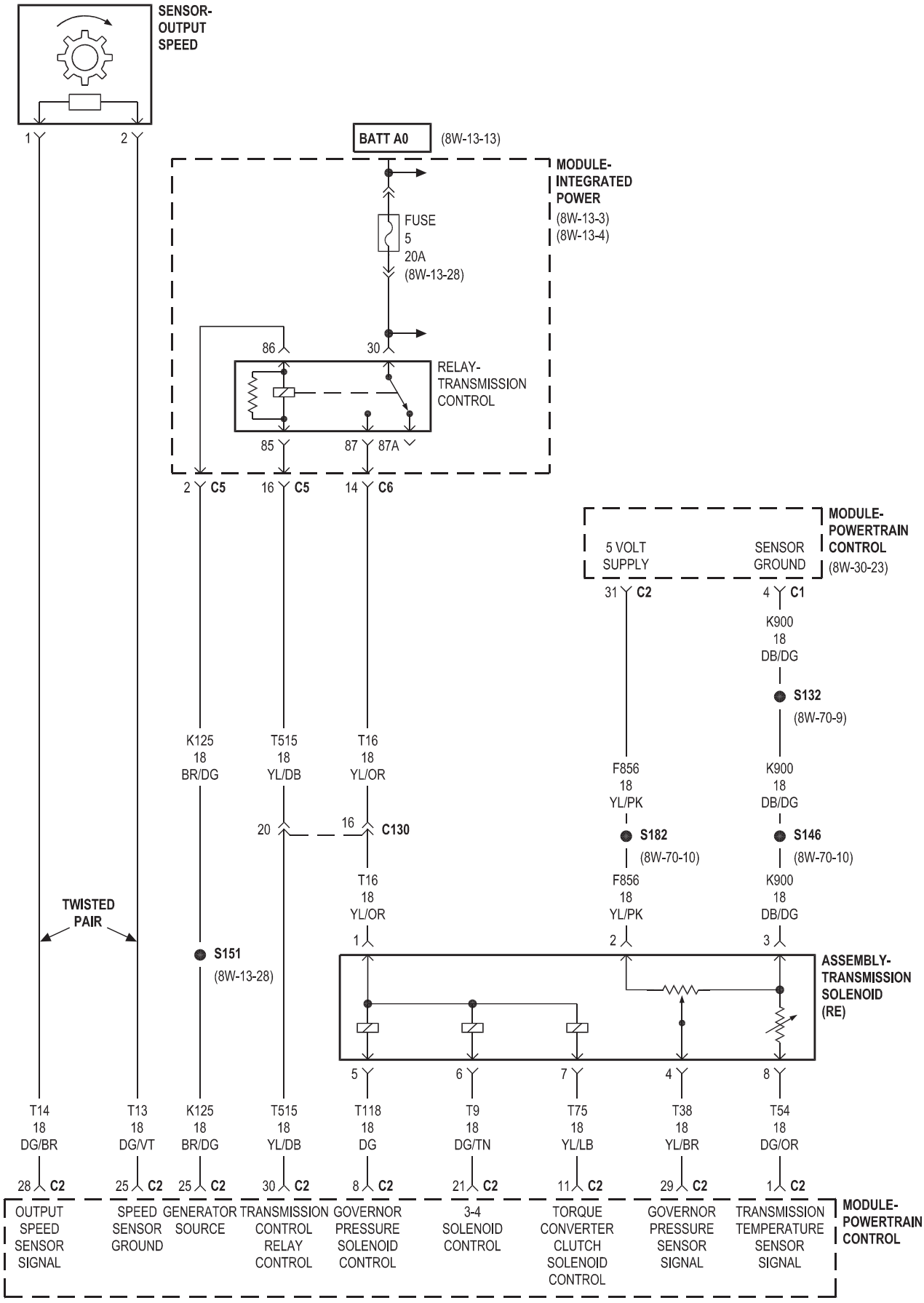

MODULE-
POWERTRAIN
CONTROL
5 VOLT
SUPPLY
(8W-30-15)
27
C1
F856
18
YL/PK
S154
(8W-70-3)
F856
18
YL/PK
2
5 VOLT
SUPPLY
SENSOR-
LINE
PRESSURE
(RFE)
LINE
PRESSURE
SENSOR
SIGNAL
SENSOR
GROUND
3
1
K900
18
DB/DG
S130
(8W-70-7)
(8W-70-8)
K900
18
DB/DG
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)
T38
18
YL/BR
K900
18
DB/DG
31
C4
27
C2
LINE
PRESSURE
SENSOR
SIGNAL
SENSOR
GROUND
MODULE-
POWERTRAIN
CONTROL

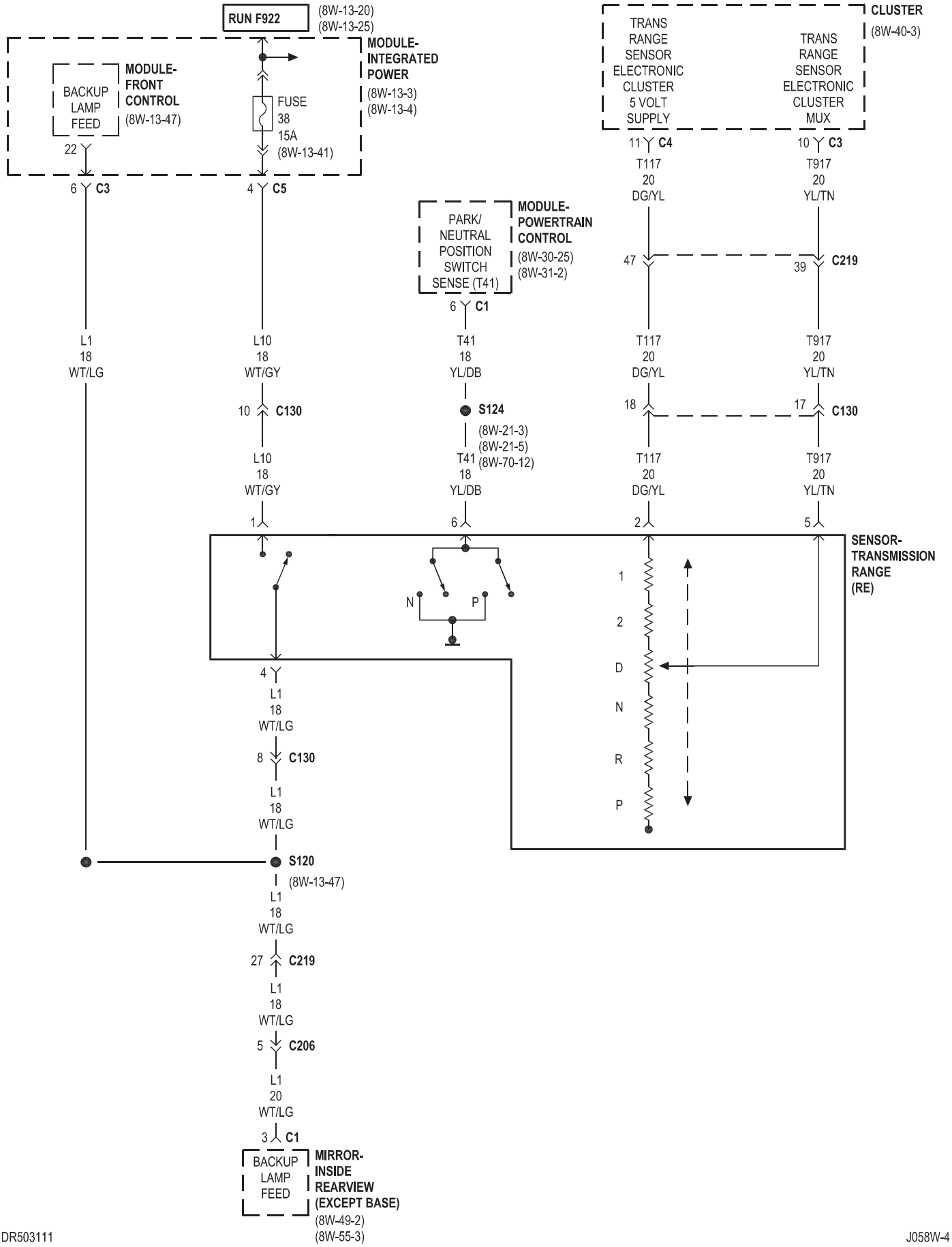
5.7L HD

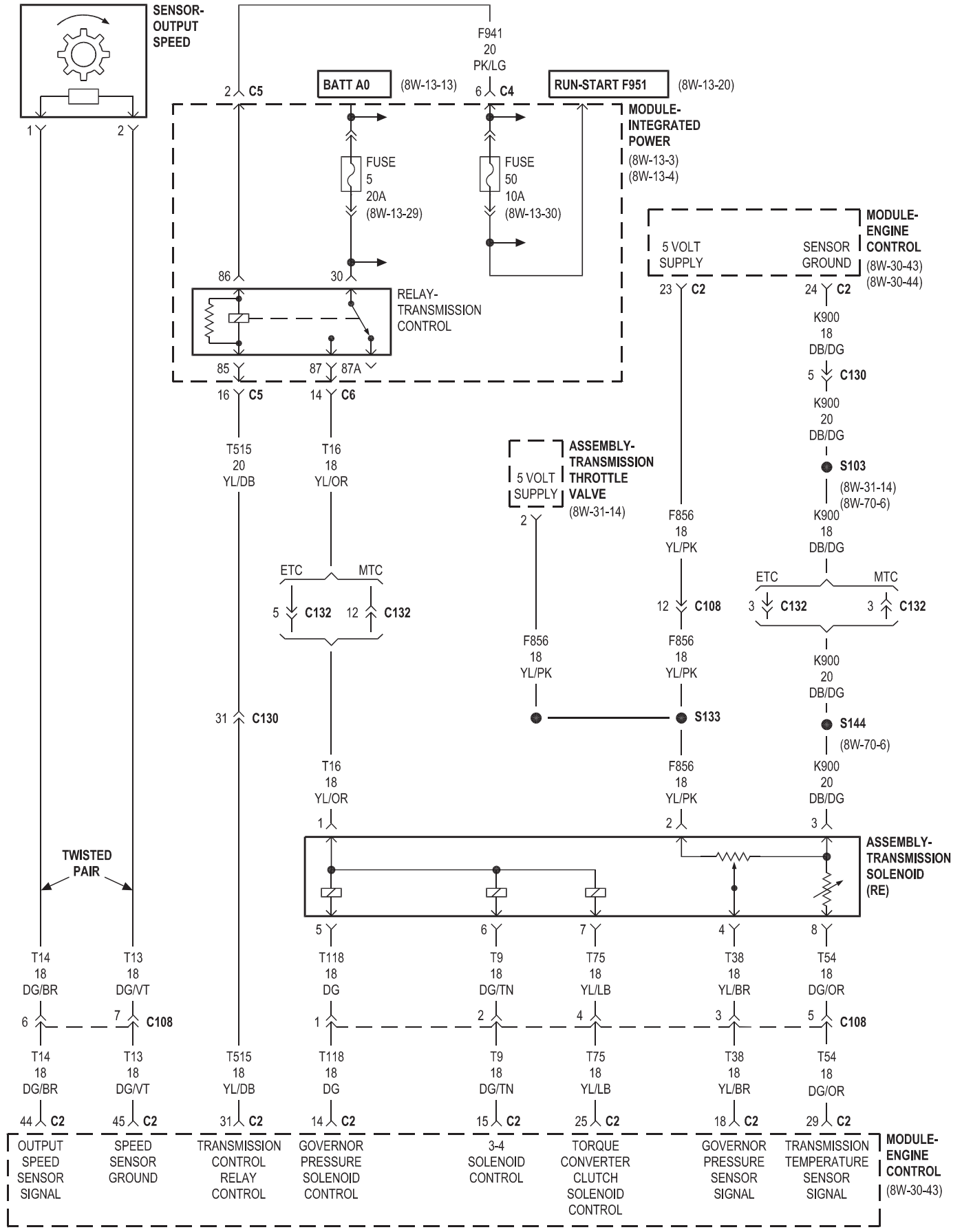

RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
PTC NO. 1 7.5A
(8W-13-38)
FUSED IGNITION SWITCH OUTPUT (RUN-START)
MODULE-FRONT CONTROL
(8W-13-30)
48
FUSE 43 25A
(8W-13-40)
PCI BUS
MODULE-FRONT CONTROL
(8W-13-45)
38
10 C4
2 C2
10 C3
F202 20 PK/GY
S136
(8W-13-30)
(8W-30-13)
F202 20 PK/GY
A5
A34 16 RD/WT
b
D25 20 VT/PK
S195
(8W-18-6)
D25 20 WT/VT
B3
MODULE-FINAL DRIVE CONTROL
STABILIZER BAR SWITCH SENSE
FUSED IGNITION SWITCH OUTPUT (RUN-START)
STABILIZER BAR DISENGAGE ILLUMINATION SENSE
STABILIZER BAR ENGAGE ILLUMINATION SENSE
FUSED B(+)
PCI BUS
GROUND
GROUND
B5
B9
B10
A
A10
T531 20 YL/TN
T530 20 YL/DG
T529 20 YL/LG
3
2
1 C137
T531 20 YL/TN
T530 20 YL/DG
T529 20 YL/LG
5
3
2
SWITCH-DISCONNECTING STABILIZER BAR
STABILIZER BAR SWITCH SENSE
STABILIZER BAR DISENGAGE ILLUMINATION SENSE
STABILIZER BAR ENGAGE ILLUMINATION SENSE
PANEL LAMPS DRIVER
SWITCH SUPPLY
GROUND
1
8
4
E11 20 OR/DB
T536 20 YL/WT
Z952 20 BK
C
D
S108
(8W-15-11)
TO S181
(8W-31-8)
TO S179
(8W-31-8)
Z952 20 BK
14 C137
Z952 20 BK
Z935 16 BK
Z937 20 BK
G106
(8W-15-11)
G104
(8W-15-9)

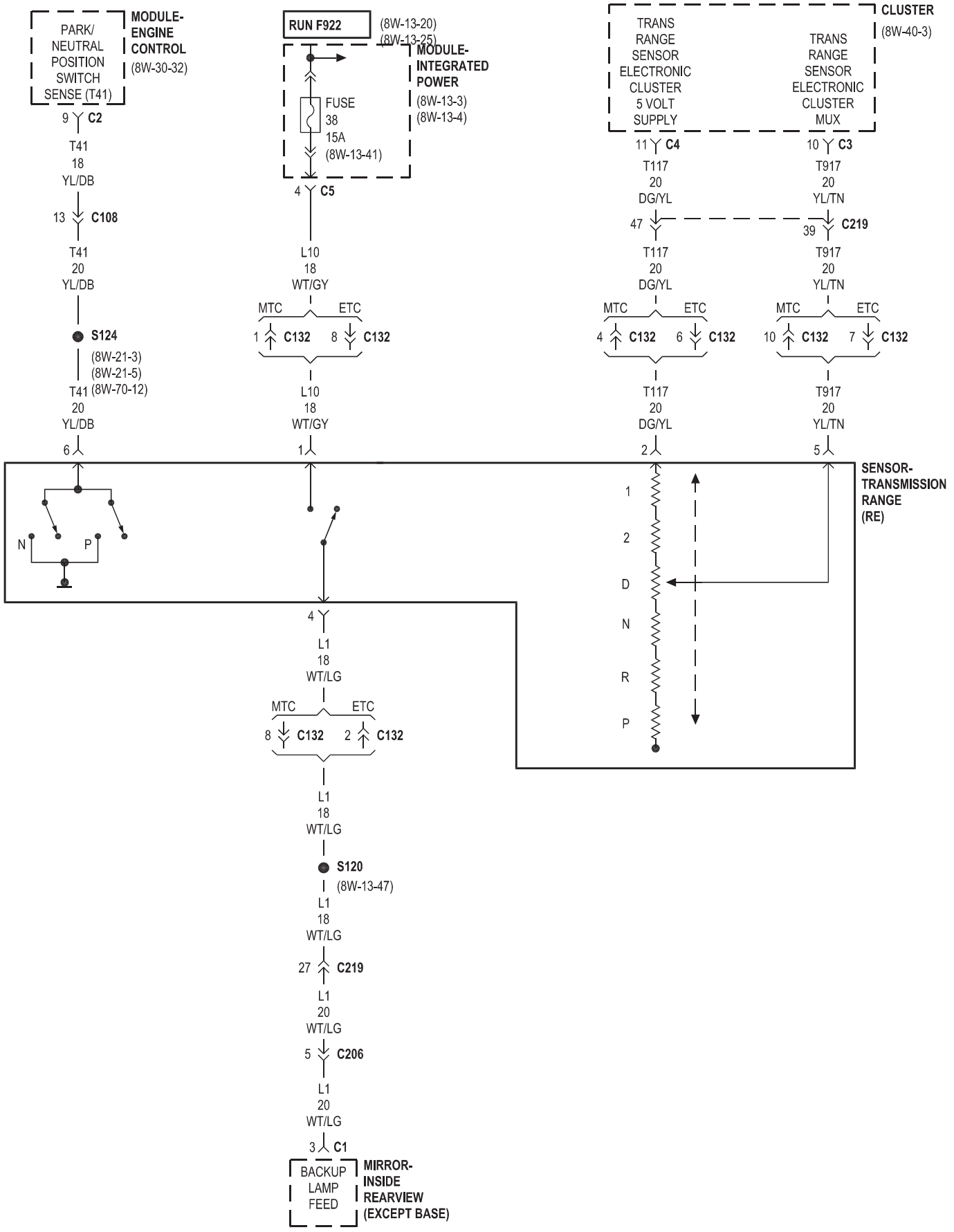

CLUSTER
(8W-40-10)
PANEL
LAMPS
DRIVER
20 C1
E11
20
OR/DB
9 C219
E11
20
OR/DB
13 C137
E11
20
OR/DB
S181
FROM
SWITCH-
DISCONNECTING
STABILIZER
BAR
(8W-31-7)
D
C
T536
20
YL/WT
E11
20
OR/DB
S179
T536
20
YL/WT
7
6
SWITCH-
AXLE
LOCK
SWITCH
SUPPLY
LOCKER
REAR
ILLUMINATION
SENSE
LOCKER
FR/RR
ILLUMINATION
SENSE
LOCKER
SWITCH
SENSE
LOCKER
OPEN
ILLUMINATION
SENSE
LOCKER
SWITCH
SUPPLY
PANEL
LAMPS
DRIVER
GROUND
9
8
5
2
1
11
Z952
20
BK
S108
(8W-15-11)
T533
20
YL/LB
T534
20
YL
T535
20
YL/BR
T532
20
YL/GY
T537
20
YL/LG
Z952
20
BK
8
5
6
10
4
9
14
C137
B2
B7
B8
B4
B6
B1
MODULE-
FINAL
DRIVE
CONTROL
G106
(8W-15-11)

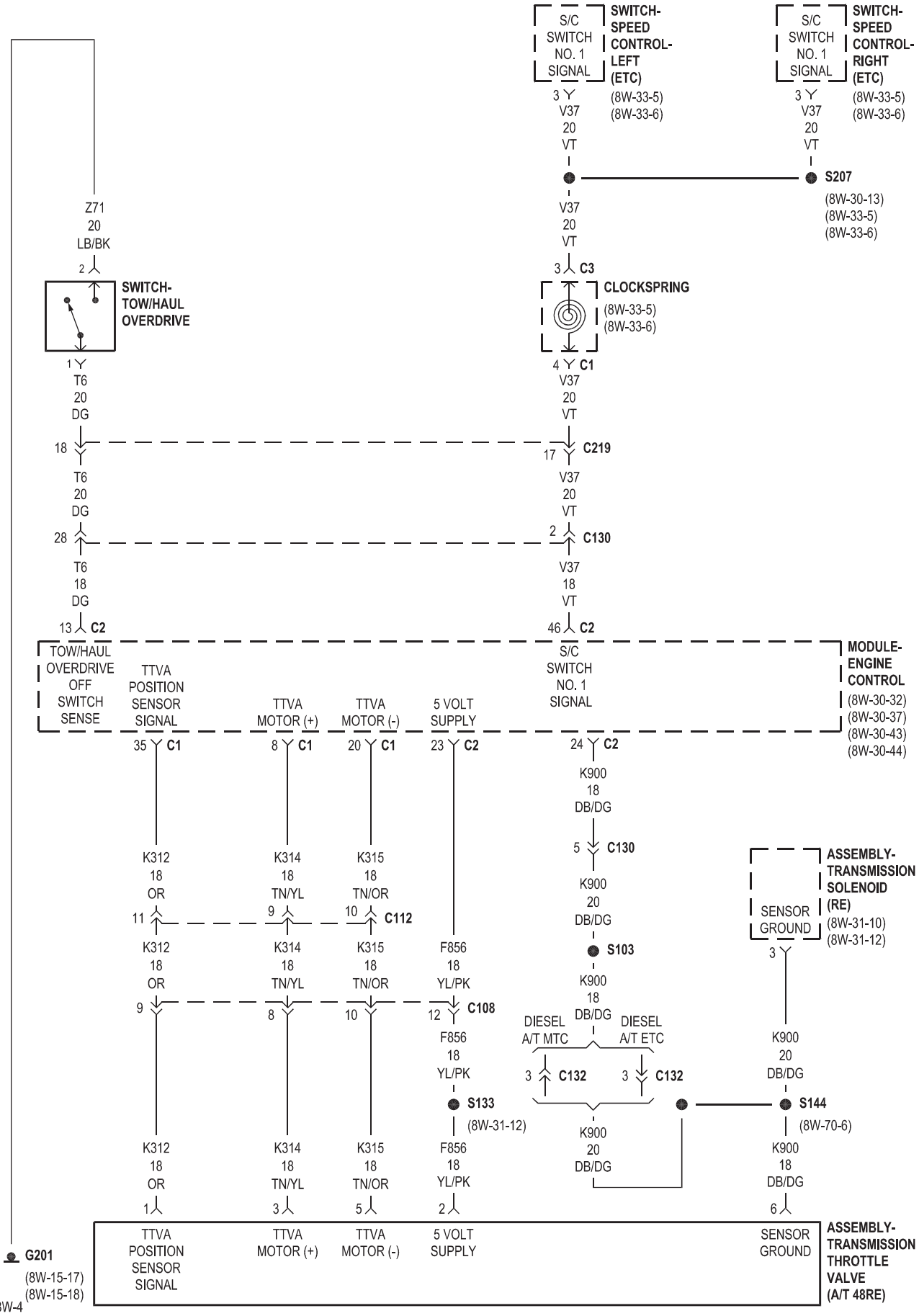

S127
T521
20
YL/GY
2
C134
T521
18
YL/GY
2
LOCKER
SENSOR
SUPPLY
SOLENOID-
LOCKER
REAR
REAR
LOCKER
SOURCE
REAR
LOCKER
SENSOR
SENSE
REAR
LOCKER
RETURN
1
3
4
T526
16
YL/WT
T527
18
YL/TN
T528
16
YL/GY
1
3
4
C134
T521
20
YL/GY
A1
T526
16
YL/WT
H
T527
20
YL/TN
A8
T528
16
YL/GY
D
LOCKER
SENSOR
SUPPLY
REAR
LOCKER
SOURCE
REAR
LOCKER
SENSOR
SENSE
REAR
LOCKER
RETURN
1
SENSOR-
TRANSFER
CASE
POSITION
(MTC POWER WAGON)
2
K77
18
BR/WT
T525
18
YL/DB
33
32
C130
K77
20
BR/WT
T525
20
YL/DB
A6
A9
TRANSFER
CASE
POSITION
SENSE
TRANSFER
CASE
RETURN
T521
20
YL/GY
5
C102
T521
18
YL/GY
2
LOCKER
SENSOR
SUPPLY
SOLENOID-
LOCKER
FRONT
FRONT
LOCKER
SOURCE
FRONT
LOCKER
SENSOR
SENSE
FRONT
LOCKER
RETURN
1
3
4
T520
16
YL/OR
T522
18
YL/LB
T524
16
YL/LG
2
6
3
C102
T520
16
YL/OR
T522
20
YL/LB
T524
16
YL/LG
G
A3
C
FRONT
LOCKER
SOURCE
FRONT
LOCKER
SENSOR
SENSE
FRONT
LOCKER
RETURN
MODULE-
FINAL
DRIVE
CONTROL


SENSOR-
OUTPUT
SPEED
1
2
BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
5
20A
(8W-13-28)
86
30
RELAY-
TRANSMISSION
CONTROL
85
87
87A
2 C5
16 C5
14 C6
MODULE-
POWERTRAIN
CONTROL
(8W-30-23)
5 VOLT
SUPPLY
SENSOR
GROUND
31 C2
4 C1
K900
18
DB/DG
S132
(8W-70-9)
K125
18
BR/DG
T515
18
YL/DB
T16
18
YL/OR
F856
18
YL/PK
S182
(8W-70-10)
K900
18
DB/DG
S146
(8W-70-10)
20
16 C130
T16
18
YL/OR
F856
18
YL/PK
K900
18
DB/DG
TWISTED
PAIR
S151
(8W-13-28)
1
2
3
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
5
6
7
4
8
T14
18
DG/BR
T13
18
DG/VT
K125
18
BR/DG
T515
18
YL/DB
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
28 C2
25 C2
25 C2
30 C2
8 C2
21 C2
11 C2
29 C2
1 C2
OUTPUT
SPEED
SENSOR
SIGNAL
SPEED
SENSOR
GROUND
GENERATOR
SOURCE
TRANSMISSION
CONTROL
RELAY
CONTROL
GOVERNOR
PRESSURE
SOLENOID
CONTROL
3-4
SOLENOID
CONTROL
TORQUE
CONVERTER
CLUTCH
SOLENOID
CONTROL
GOVERNOR
PRESSURE
SENSOR
SIGNAL
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
MODULE-
POWERTRAIN
CONTROL

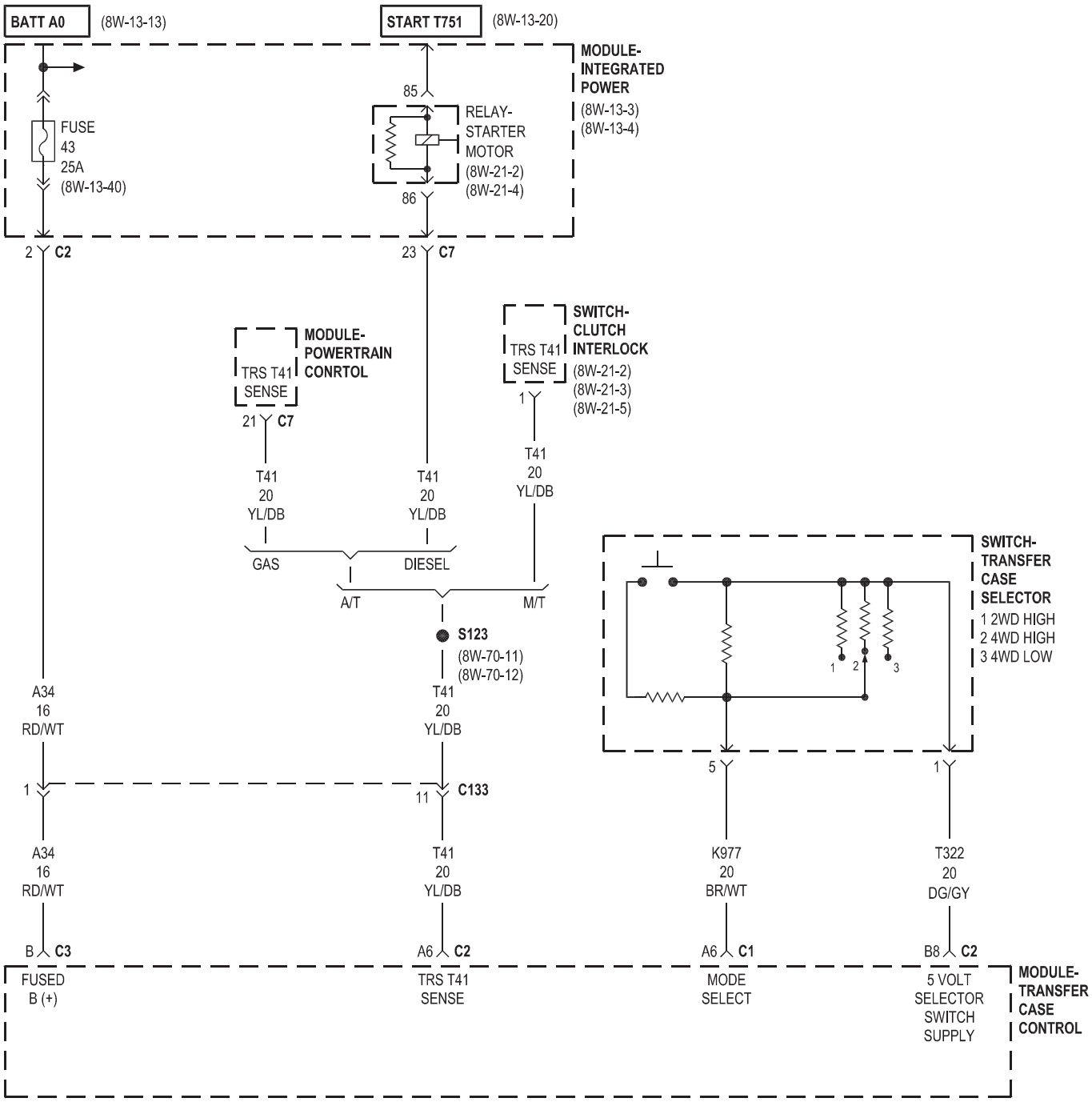

RUN F922
(8W-13-20)
(8W-13-25)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
BACKUP
LAMP
FEED
MODULE-
FRONT
CONTROL
(8W-13-47)
22
FUSE
38
15A
(8W-13-41)
6 C3
4 C5
CLUSTER
(8W-40-3)
TRANS
RANGE
SENSOR
ELECTRONIC
CLUSTER
5 VOLT
SUPPLY
TRANS
RANGE
SENSOR
ELECTRONIC
CLUSTER
MUX
11 C4
10 C3
T117
20
DG/YL
T917
20
YL/TN
PARK/
NEUTRAL
POSITION
SWITCH
SENSE (T41)
MODULE-
POWERTRAIN
CONTROL
(8W-30-25)
(8W-31-2)
6 C1
47
39 C219
L1
18
WT/LG
L10
18
WT/GY
T41
18
YL/DB
T117
20
DG/YL
T917
20
YL/TN
10 C130
S124
(8W-21-3)
(8W-21-5)
(8W-70-12)
18
17 C130
1
6
2
5
SENSOR-
TRANSMISSION
RANGE
(RE)
N
P
1
2
D
N
R
P
4
8 C130
S120
(8W-13-47)
27 C219
5 C206
20
WT/LG
3 C1
BACKUP
LAMP
FEED
MIRROR-
INSIDE
REARVIEW
(EXCEPT BASE)
(8W-49-2)
(8W-55-3)

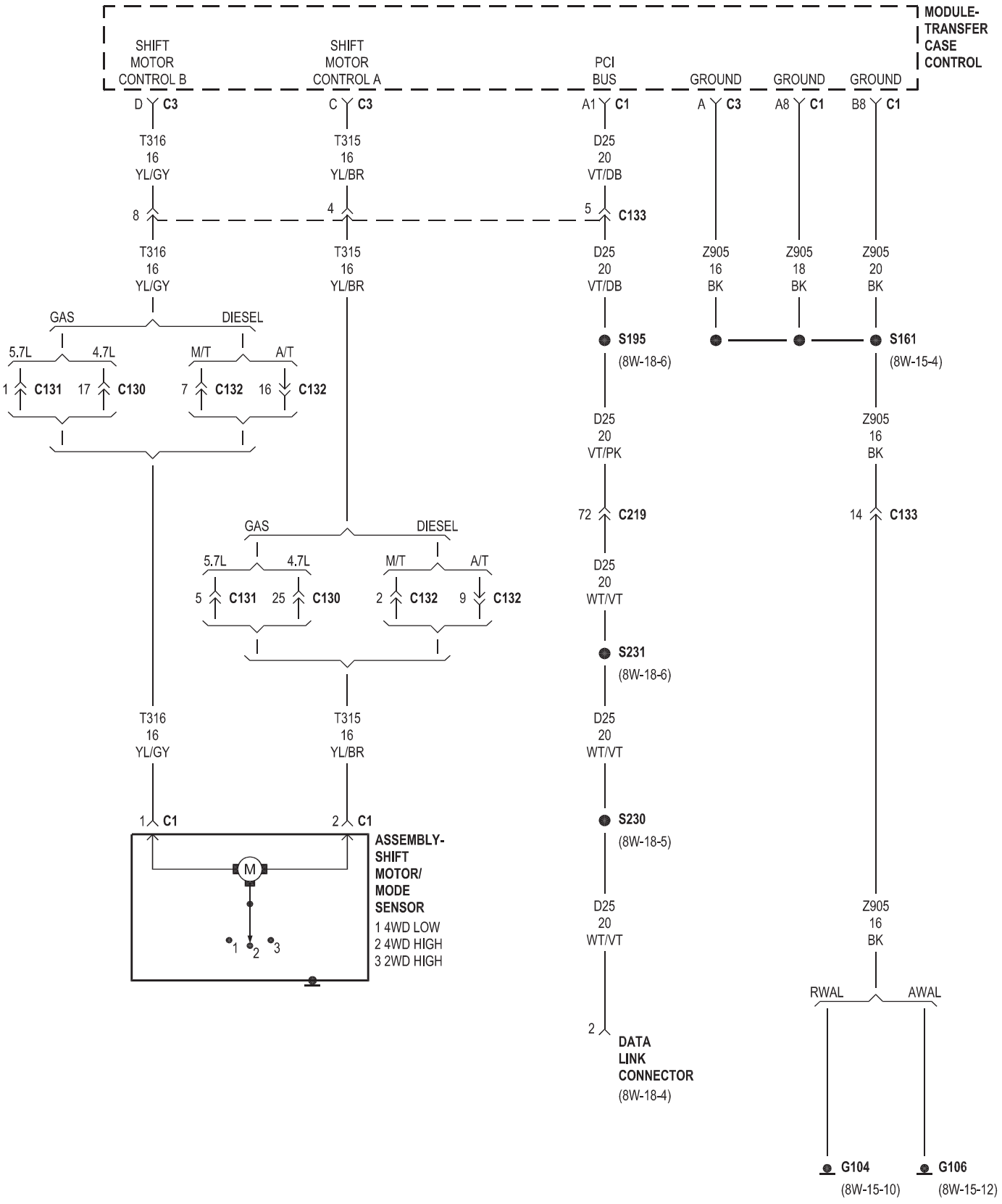

SENSOR-
OUTPUT
SPEED
1
2
F941
20
PK/LG
2 C5
BATT A0
(8W-13-13)
6 C4
RUN-START F951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
5
20A
(8W-13-29)
FUSE
50
10A
(8W-13-30)
86
30
RELAY-
TRANSMISSION
CONTROL
85
87
87A
16 C5
14 C6
MODULE-
ENGINE
CONTROL
(8W-30-43)
(8W-30-44)
5 VOLT
SUPPLY
SENSOR
GROUND
23 C2
24 C2
K900
18
DB/DG
5 C130
K900
20
DB/DG
S103
(8W-31-14)
(8W-70-6)
T515
20
YL/DB
T16
18
YL/OR
ASSEMBLY-
TRANSMISSION
THROTTLE
VALVE
(8W-31-14)
5 VOLT
SUPPLY
2
F856
18
YL/PK
12 C108
K900
18
DB/DG
ETC
MTC
5 C132
12 C132
3 C132
3 C132
F856
18
YL/PK
F856
18
YL/PK
K900
20
DB/DG
31 C130
S133
S144
(8W-70-6)
T16
18
YL/OR
F856
18
YL/PK
K900
20
DB/DG
1
2
3
TWISTED
PAIR
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
5
6
7
4
8
T14
18
DG/BR
T13
18
DG/VT
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
6 C108
7 C108
1
2
4
3
5 C108
T14
18
DG/BR
T13
18
DG/VT
T515
18
YL/DB
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
44 C2
45 C2
31 C2
14 C2
15 C2
25 C2
18 C2
29 C2
OUTPUT
SPEED
SENSOR
SIGNAL
SPEED
SENSOR
GROUND
TRANSMISSION
CONTROL
RELAY
CONTROL
GOVERNOR
PRESSURE
SOLENOID
CONTROL
3-4
SOLENOID
CONTROL
TORQUE
CONVERTER
CLUTCH
SOLENOID
CONTROL
GOVERNOR
PRESSURE
SENSOR
SIGNAL
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
MODULE-
ENGINE
CONTROL
(8W-30-43)


PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
MODULE- ENGINE CONTROL
(8W-30-32)
9 C2
T41 18 YL/DB
13 C108
T41 20 YL/DB
S124
(8W-21-3)
(8W-21-5)
(8W-70-12)
T41 20 YL/DB
6
RUN F922
(8W-13-20)
(8W-13-25)
MODULE- INTEGRATED POWER
FUSE 38 15A
(8W-13-41)
(8W-13-3)
(8W-13-4)
4 C5
L10 18 WT/GY
MTC ETC
1 C132 8 C132
L10 18 WT/GY
1
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
CLUSTER
(8W-40-3)
11 C4
10 C3
T117 20 DG/YL
T917 20 YL/TN
47 C219 39
T117 20 DG/YL
T917 20 YL/TN
MTC ETC
4 C132 6 C132
10 C132 7 C132
T117 20 DG/YL
T917 20 YL/TN
2
5
SENSOR- TRANSMISSION RANGE (RE)
N
P
1
2
D
N
R
P
4
L1 18 WT/LG
MTC ETC
8 C132 2 C132
L1 18 WT/LG
S120
(8W-13-47)
L1 18 WT/LG
27 C219
L1 20 WT/LG
5 C206
L1 20 WT/LG
3 C1
BACKUP LAMP FEED
MIRROR- INSIDE REARVIEW (EXCEPT BASE)

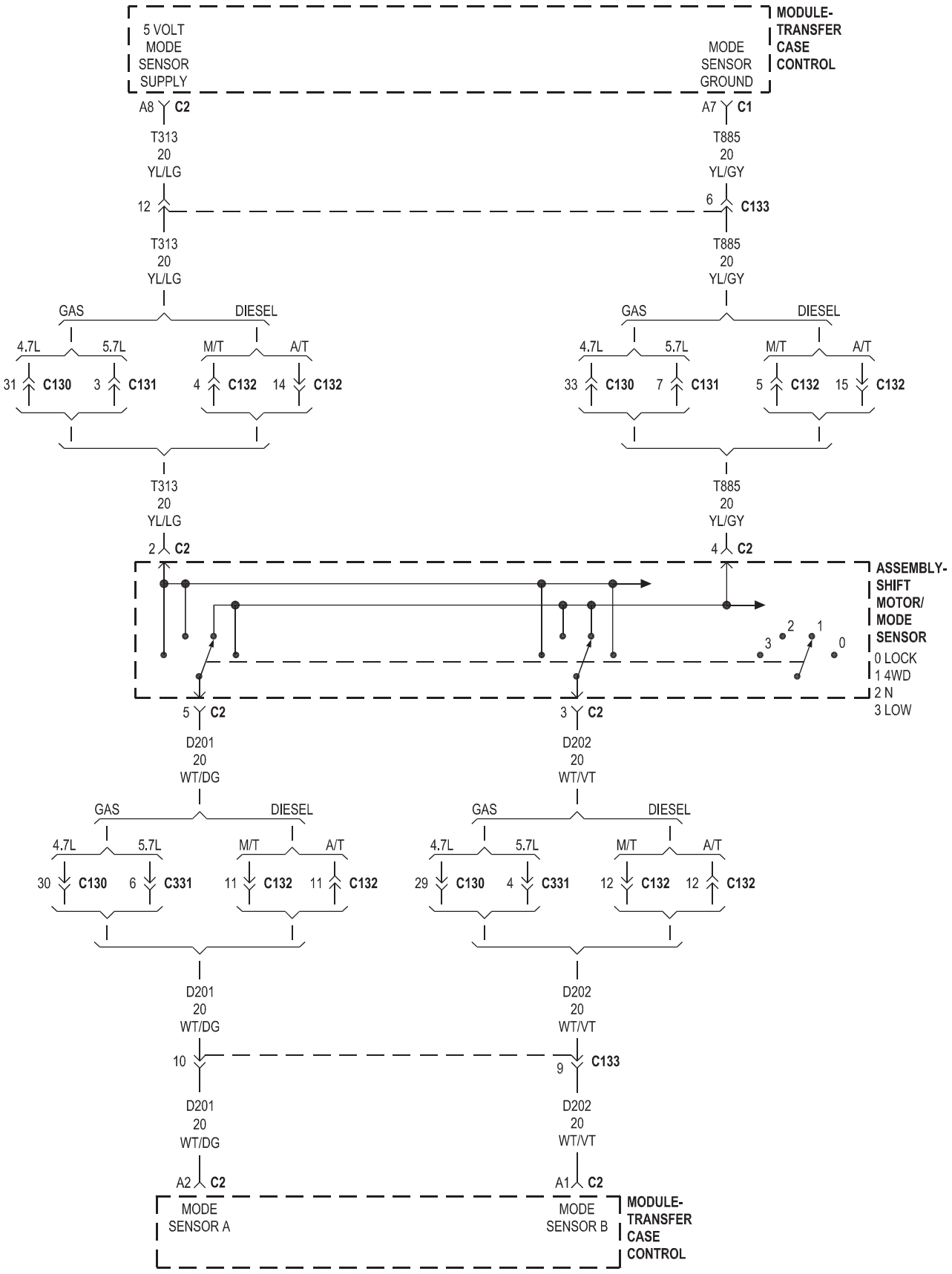

S/C SWITCH NO. 1 SIGNAL
SWITCH-SPEED CONTROL-LEFT (ETC)
(8W-33-5)
(8W-33-6)
S/C SWITCH NO. 1 SIGNAL
SWITCH-SPEED CONTROL-RIGHT (ETC)
(8W-33-5)
(8W-33-6)
3 V37 20 VT
S207
(8W-30-13)
(8W-33-5)
(8W-33-6)
Z71 20 LB/BK
2
SWITCH-TOW/HAUL OVERDRIVE
1 T6 20 DG
3 C3
CLOCKSPRING
(8W-33-5)
(8W-33-6)
4 C1 V37 20 VT
18 T6 20 DG
17 C219 V37 20 VT
28 T6 20 DG
2 C130 V37 18 VT
13 C2
46 C2
TOW/HAUL OVERDRIVE OFF SWITCH SENSE
TTVA POSITION SENSOR SIGNAL
TTVA MOTOR (+)
TTVA MOTOR (-)
5 VOLT SUPPLY
S/C SWITCH NO. 1 SIGNAL
MODULE-ENGINE CONTROL
(8W-30-32)
(8W-30-37)
(8W-30-43)
(8W-30-44)
35 C1
8 C1
20 C1
23 C2
24 C2
K900 18 DB/DG
5 C130
K900 20 DB/DG
S103
K900 18 DB/DG
K312 18 OR
K314 18 TN/YL
K315 18 TN/OR
11
9
10 C112
K312 18 OR
K314 18 TN/YL
K315 18 TN/OR
F856 18 YL/PK
9
8
10
12 C108
F856 18 YL/PK
S133
(8W-31-12)
DIESEL A/T MTC
DIESEL A/T ETC
3 C132
3 C132
K900 20 DB/DG
ASSEMBLY-TRANSMISSION SOLENOID (RE)
(8W-31-10)
(8W-31-12)
SENSOR GROUND
3
K900 20 DB/DG
S144
(8W-70-6)
K900 18 DB/DG
K312 18 OR
K314 18 TN/YL
K315 18 TN/OR
F856 18 YL/PK
1
3
5
2
6
TTVA POSITION SENSOR SIGNAL
TTVA MOTOR (+)
TTVA MOTOR (-)
5 VOLT SUPPLY
SENSOR GROUND
ASSEMBLY-TRANSMISSION THROTTLE VALVE (A/T 48RE)
G201
(8W-15-17)
(8W-15-18)

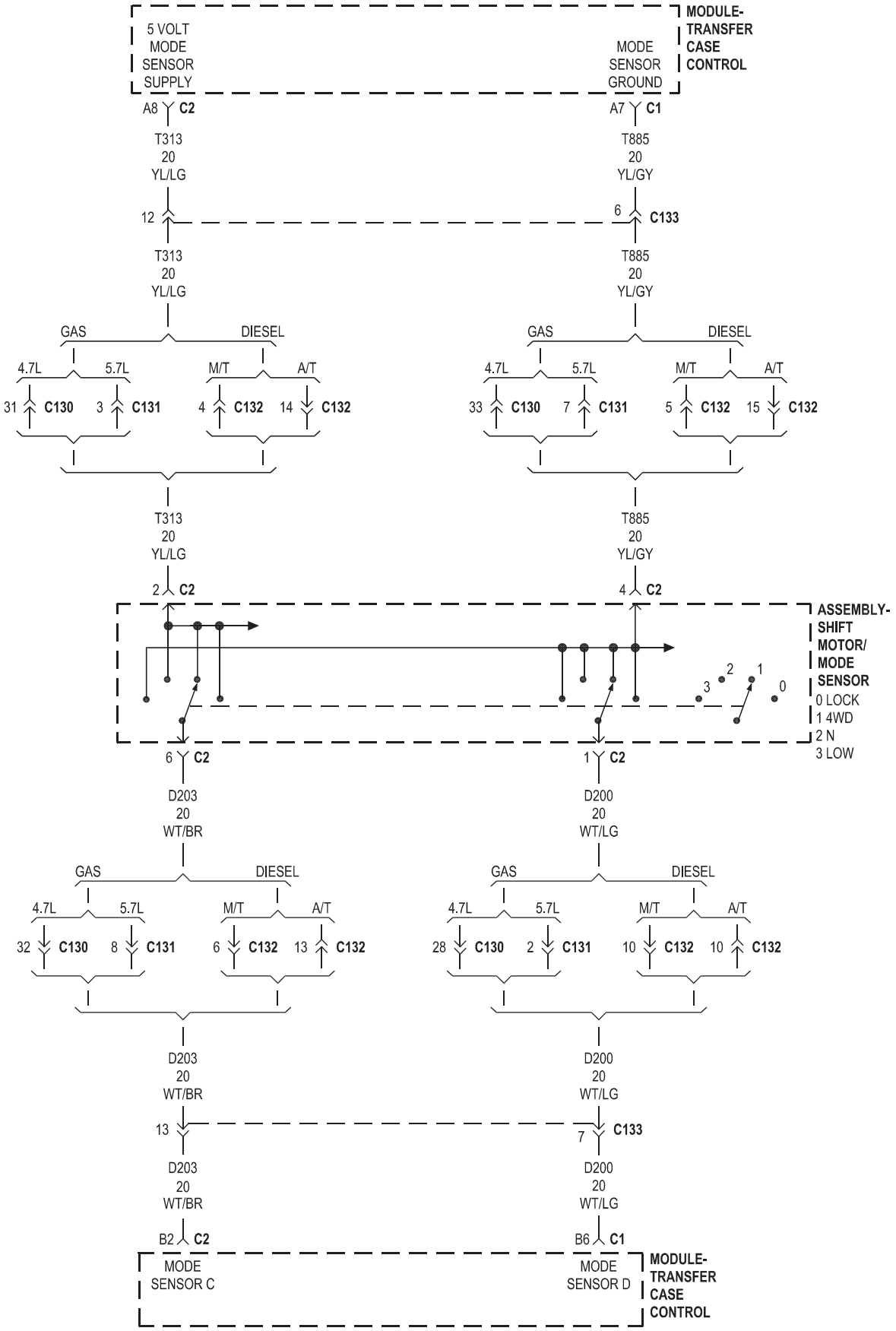
ELECTRIC TRANSFER CASE

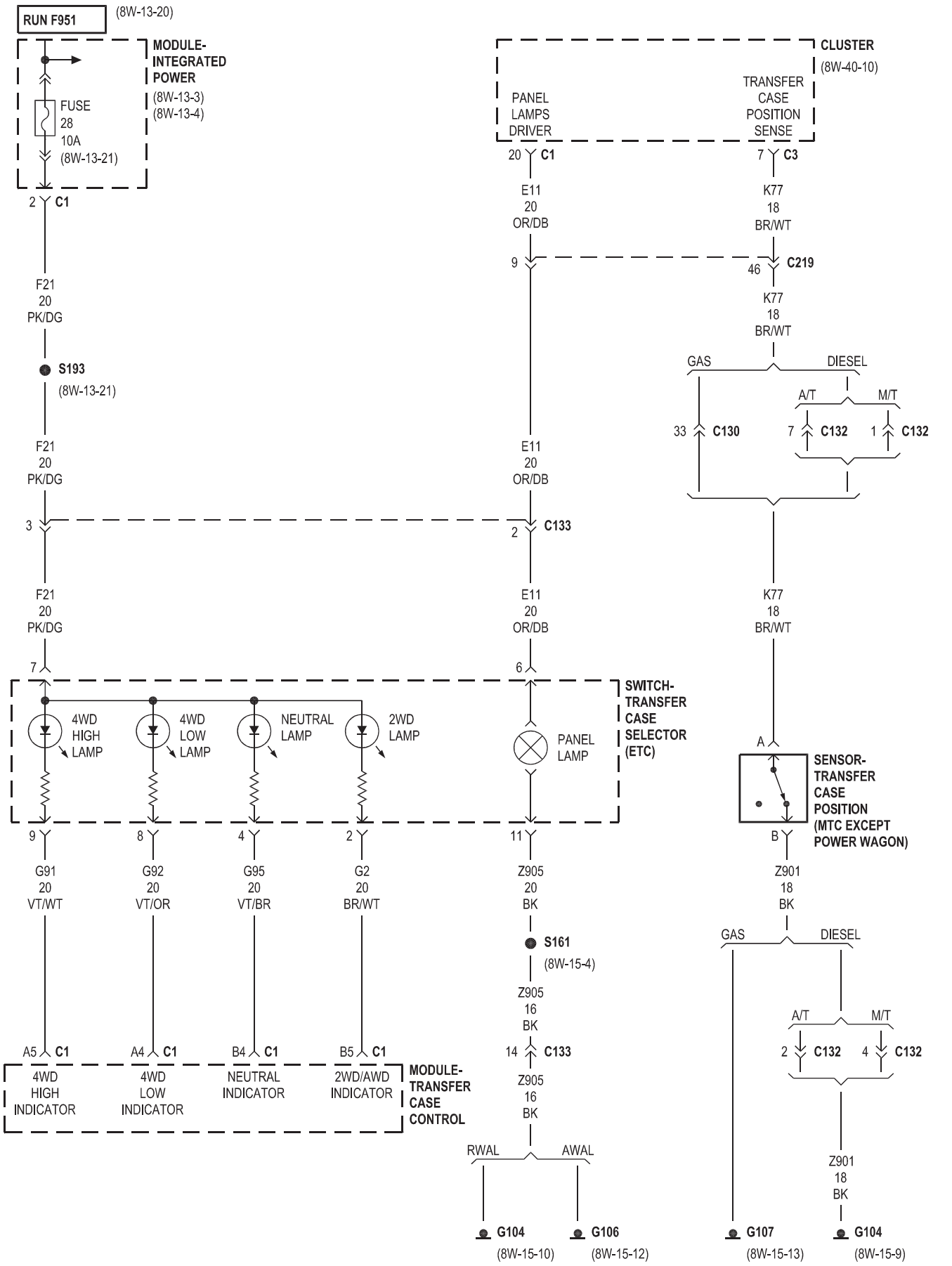



MODULE-TRANSFER CASE CONTROL
SHIFT MOTOR CONTROL B
SHIFT MOTOR CONTROL A
PCI BUS
GROUND
GROUND
GROUND
D C3
C C3
A1 C1
A C3
A8 C1
B8 C1
T316 16 YL/GY
T315 16 YL/BR
D25 20 VT/DB
8
4
5 C133
Z905 16 BK
Z905 18 BK
Z905 20 BK
GAS
DIESEL
5.7L
4.7L
M/T
A/T
1 C131
17 C130
7 C132
16 C132
S195
(8W-18-6)
S161
(8W-15-4)
D25 20 VT/PK
Z905 16 BK
72 C219
14 C133
5 C131
25 C130
2 C132
9 C132
D25 20 WT/VT
S231
(8W-18-6)
S230
(8W-18-5)
1 C1
2 C1
ASSEMBLY-SHIFT MOTOR/ MODE SENSOR
1 4WD LOW
2 4WD HIGH
3 2WD HIGH
M
1
2
3
DATA LINK CONNECTOR
(8W-18-4)
RWAL
AWAL
G104
(8W-15-10)
G106
(8W-15-12)

ELECTRIC TRANSFER CASE EXCEPT 3.7L

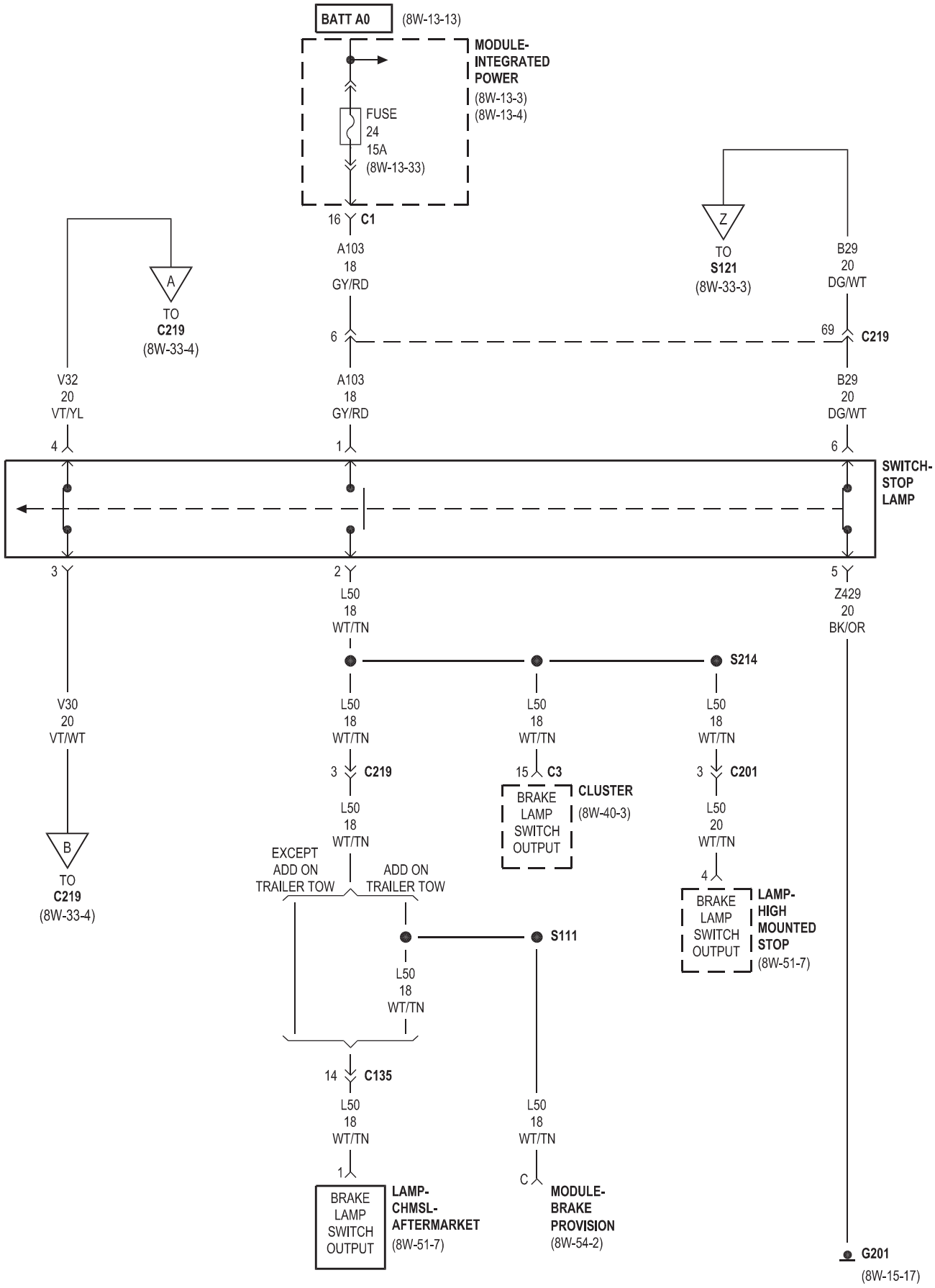


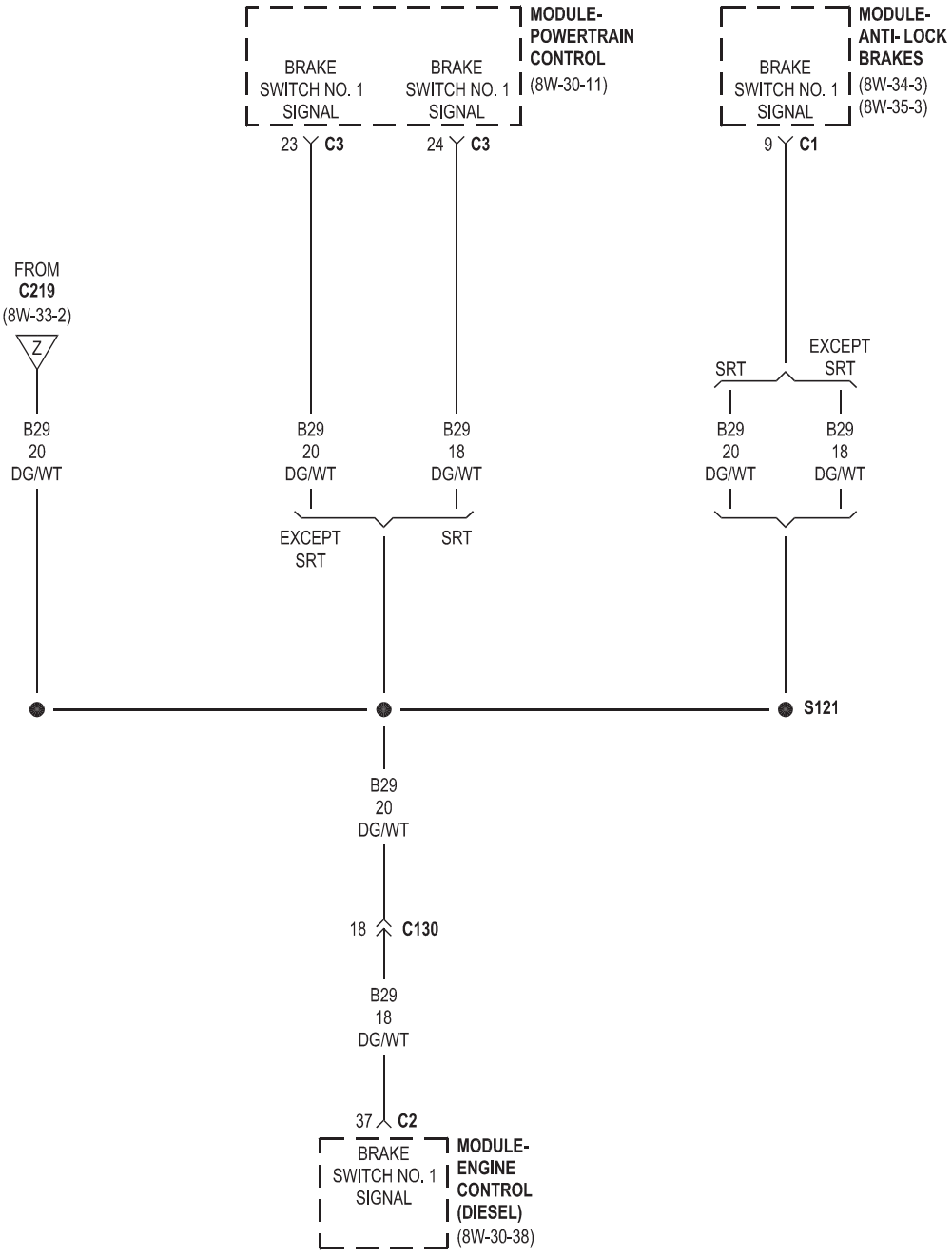

MODULE-TRANSFER CASE CONTROL
5 VOLT MODE SENSOR SUPPLY
MODE SENSOR GROUND
A8 C2
A7 C1
T313 20 YL/LG
T885 20 YL/GY
12
6 C133
GAS
DIESEL
4.7L
5.7L
M/T
A/T
31 C130
3 C131
4 C132
14 C132
33 C130
7 C131
5 C132
15 C132
2 C2
4 C2
ASSEMBLY-SHIFT MOTOR/ MODE SENSOR
0 LOCK
1 4WD
2 N
3 LOW
6 C2
1 C2
D203 20 WT/BR
D200 20 WT/LG
32 C130
8 C131
6 C132
13 C132
28 C130
2 C131
10 C132
10 C132
13
7 C133
B2 C2
B6 C1
MODE SENSOR C
MODE SENSOR D
MODULE-TRANSFER CASE CONTROL

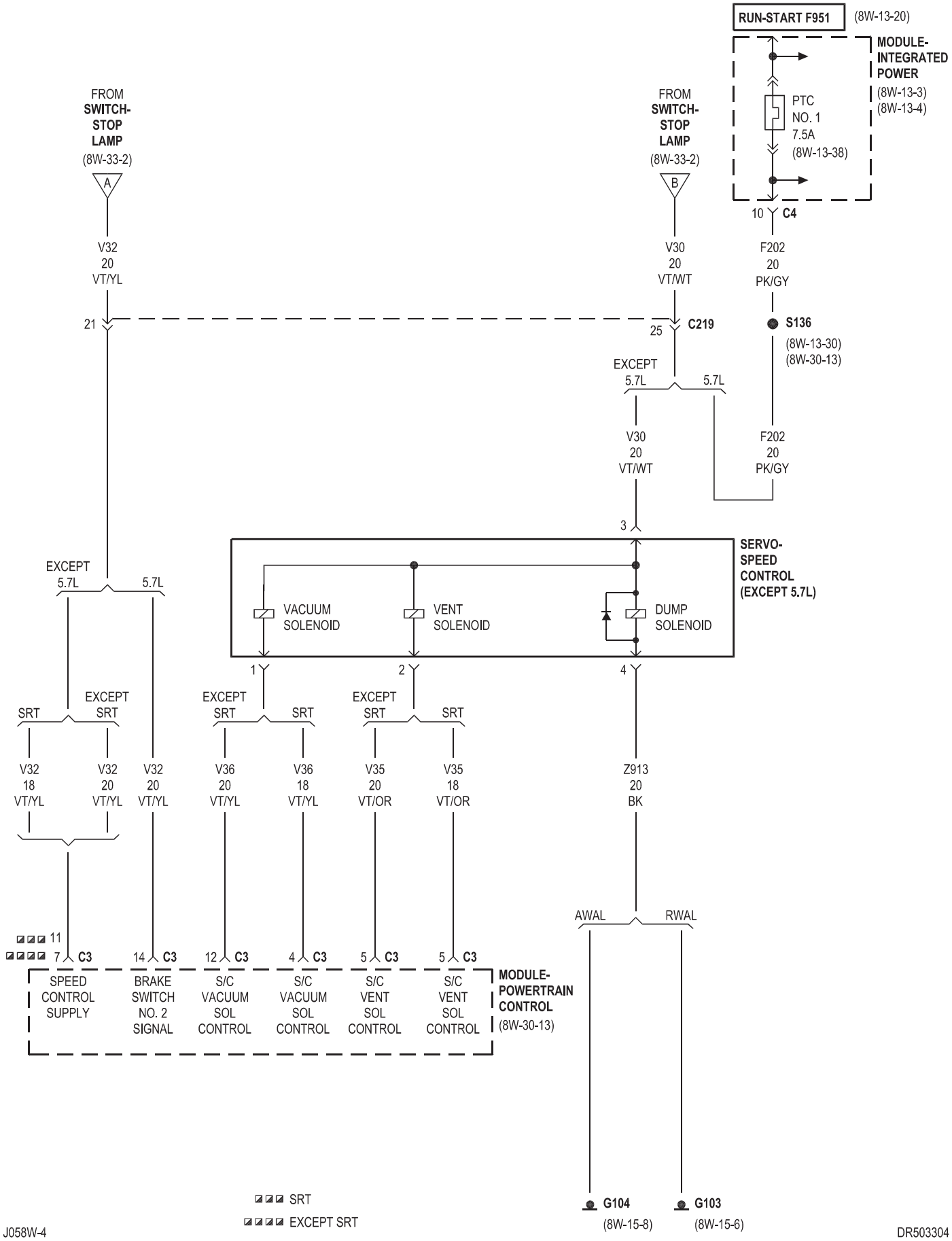

RUN F951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
28
10A
(8W-13-21)
2 C1
F21
20
PK/DG
S193
(8W-13-21)
F21
20
PK/DG
3
F21
20
PK/DG
7
CLUSTER
(8W-40-10)
PANEL
LAMPS
DRIVER
TRANSFER
CASE
POSITION
SENSE
20 C1
7 C3
E11
20
OR/DB
K77
18
BR/WT
9
46 C219
K77
18
BR/WT
GAS
DIESEL
A/T
M/T
33 C130
7 C132
1 C132
E11
20
OR/DB
2 C133
E11
20
OR/DB
6
K77
18
BR/WT
SWITCH-
TRANSFER
CASE
SELECTOR
(ETC)
4WD
HIGH
LAMP
4WD
LOW
LAMP
NEUTRAL
LAMP
2WD
LAMP
PANEL
LAMP
A
SENSOR-
TRANSFER
CASE
POSITION
(MTC EXCEPT
POWER WAGON)
9
8
4
2
11
B
G91
20
VT/WT
G92
20
VT/OR
G95
20
VT/BR
G2
20
BR/WT
Z905
20
BK
Z901
18
BK
S161
(8W-15-4)
GAS
DIESEL
Z905
16
BK
A/T
M/T
A5 C1
A4 C1
B4 C1
B5 C1
14 C133
2 C132
4 C132
4WD
HIGH
INDICATOR
4WD
LOW
INDICATOR
NEUTRAL
INDICATOR
2WD/AWD
INDICATOR
MODULE-
TRANSFER
CASE
CONTROL
Z905
16
BK
Z901
18
BK
RWAL
AWAL
G104
(8W-15-10)
G106
(8W-15-12)
G107
(8W-15-13)
G104
(8W-15-9)

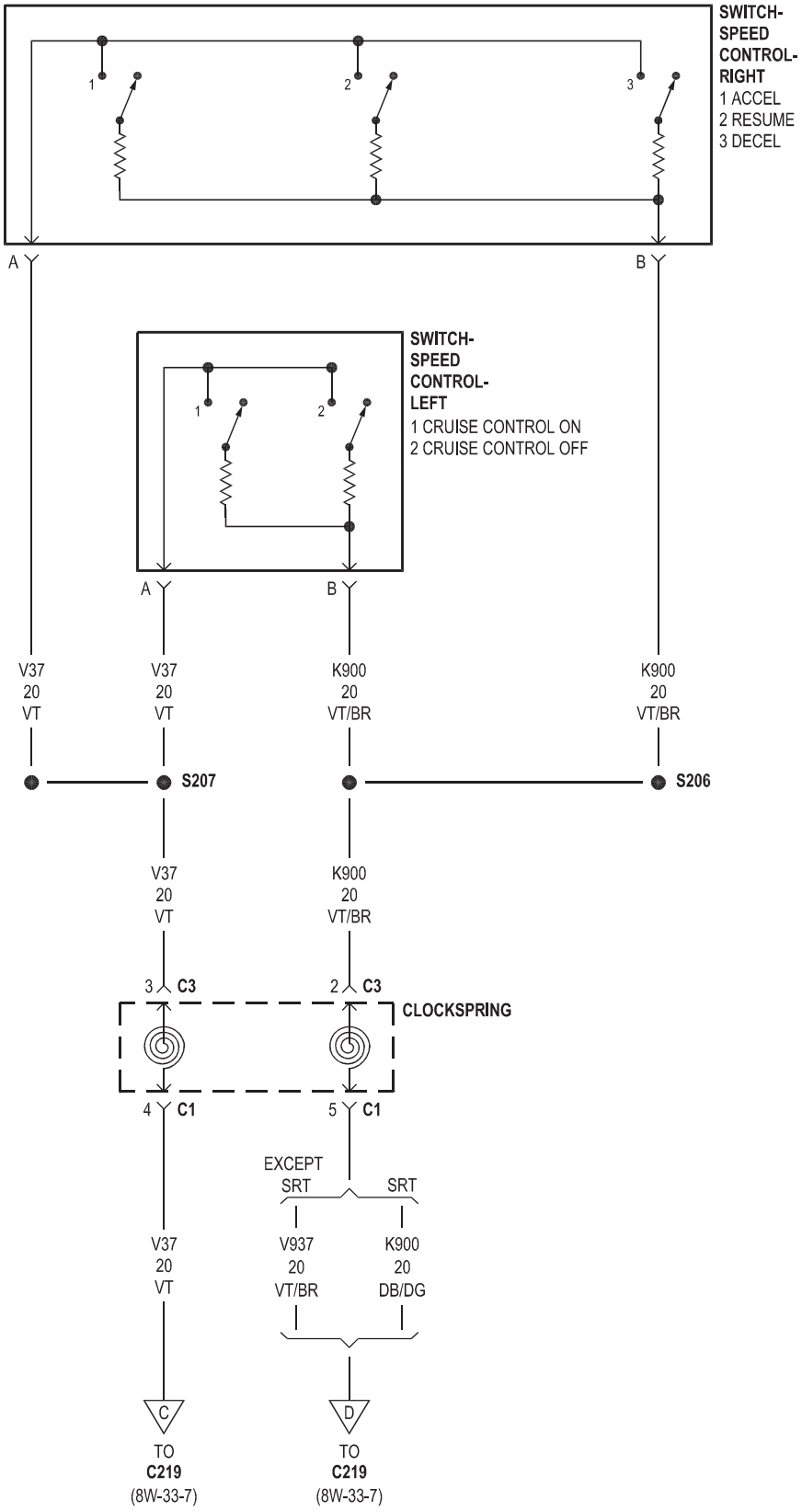
8W-33 VEHICLE SPEED CONTROL

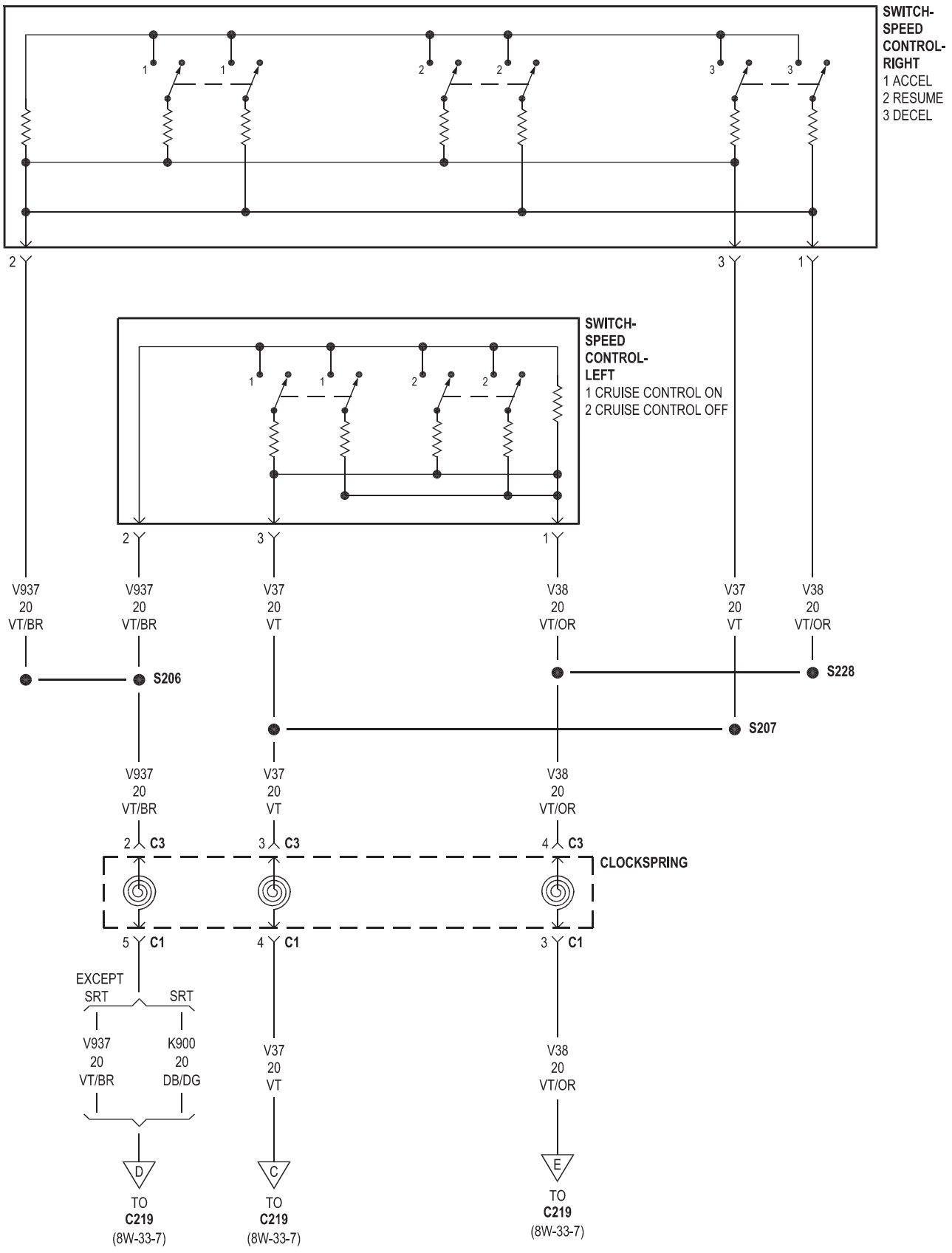
Component	Page
Clockspring	8W-33-5, 6, 7
Cluster	8W-33-2
Fuse 24	8W-33-2
G103	8W-33-4
G104	8W-33-4
G201	8W-33-2
Lamp-Chmsl-Aftermarket	8W-33-2
Lamp-High Mounted Stop	8W-33-2
Module-Anti-Lock Brakes	8W-33-3
Module-Brake Provision	8W-33-2
Module-Engine Control	8W-33-3, 7
Module-Integrated Power	8W-33-2,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

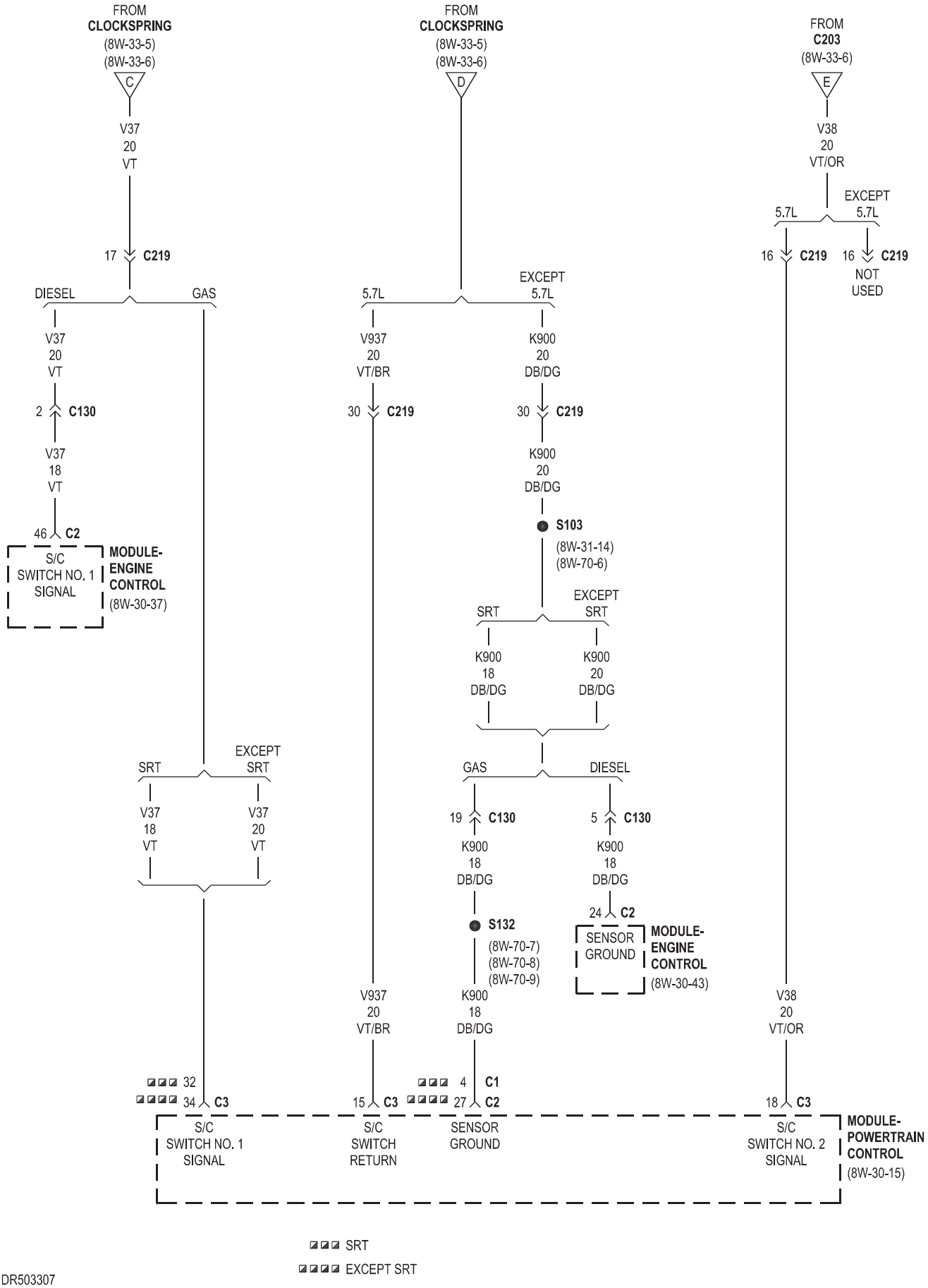

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
24
15A
(8W-13-33)
16 C1
A103
18
GY/RD
A
TO
C219
(8W-33-4)
Z
TO
S121
(8W-33-3)
B29
20
DG/WT
69 C219
6
V32
20
VT/YL
4
A103
18
GY/RD
1
B29
20
DG/WT
6
SWITCH-
STOP
LAMP
3
2
5
L50
18
WT/TN
Z429
20
BK/OR
S214
V30
20
VT/WT
L50
18
WT/TN
L50
18
WT/TN
L50
18
WT/TN
3 C219
15 C3
3 C201
BRAKE
LAMP
SWITCH
OUTPUT
CLUSTER
(8W-40-3)
L50
18
WT/TN
L50
20
WT/TN
4
B
TO
C219
(8W-33-4)
EXCEPT
ADD ON
TRAILER TOW
ADD ON
TRAILER TOW
BRAKE
LAMP
SWITCH
OUTPUT
LAMP-
HIGH
MOUNTED
STOP
(8W-51-7)
S111
L50
18
WT/TN
14 C135
L50
18
WT/TN
L50
18
WT/TN
1
C
BRAKE
LAMP
SWITCH
OUTPUT
LAMP-
CHMSL-
AFTERMARKET
(8W-51-7)
MODULE-
BRAKE
PROVISION
(8W-54-2)
G201
(8W-15-17)


MODULE-
POWERTRAIN
CONTROL
(8W-30-11)
BRAKE
SWITCH NO. 1
SIGNAL
BRAKE
SWITCH NO. 1
SIGNAL
23 C3
24 C3
MODULE-
ANTI- LOCK
BRAKES
(8W-34-3)
(8W-35-3)
BRAKE
SWITCH NO. 1
SIGNAL
9 C1
FROM
C219
(8W-33-2)
Z
B29
20
DG/WT
B29
20
DG/WT
B29
18
DG/WT
EXCEPT
SRT
SRT
SRT
EXCEPT
SRT
B29
20
DG/WT
B29
18
DG/WT
S121
B29
20
DG/WT
18 C130
B29
18
DG/WT
37 C2
BRAKE
SWITCH NO. 1
SIGNAL
MODULE-
ENGINE
CONTROL
(DIESEL)
(8W-30-38)


RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
PTC NO. 1 7.5A
(8W-13-38)
10 C4
FROM SWITCH-STOP LAMP
(8W-33-2)
A
B
V32 20 VT/YL
V30 20 VT/WT
F202 20 PK/GY
21
25 C219
S136
(8W-13-30)
(8W-30-13)
EXCEPT 5.7L
5.7L
3
SERVO-SPEED CONTROL (EXCEPT 5.7L)
VACUUM SOLENOID
VENT SOLENOID
DUMP SOLENOID
1
2
4
SRT
V32 18 VT/YL
V32 20 VT/YL
V36 20 VT/YL
V36 18 VT/YL
V35 20 VT/OR
V35 18 VT/OR
Z913 20 BK
AWAL
RWAL
11
7 C3
14 C3
12 C3
4 C3
5 C3
5 C3
SPEED CONTROL SUPPLY
BRAKE SWITCH NO. 2 SIGNAL
S/C VACUUM SOL CONTROL
S/C VACUUM SOL CONTROL
S/C VENT SOL CONTROL
S/C VENT SOL CONTROL
MODULE-POWERTRAIN CONTROL
(8W-30-13)
SRT
EXCEPT SRT
G104
(8W-15-8)
G103
(8W-15-6)

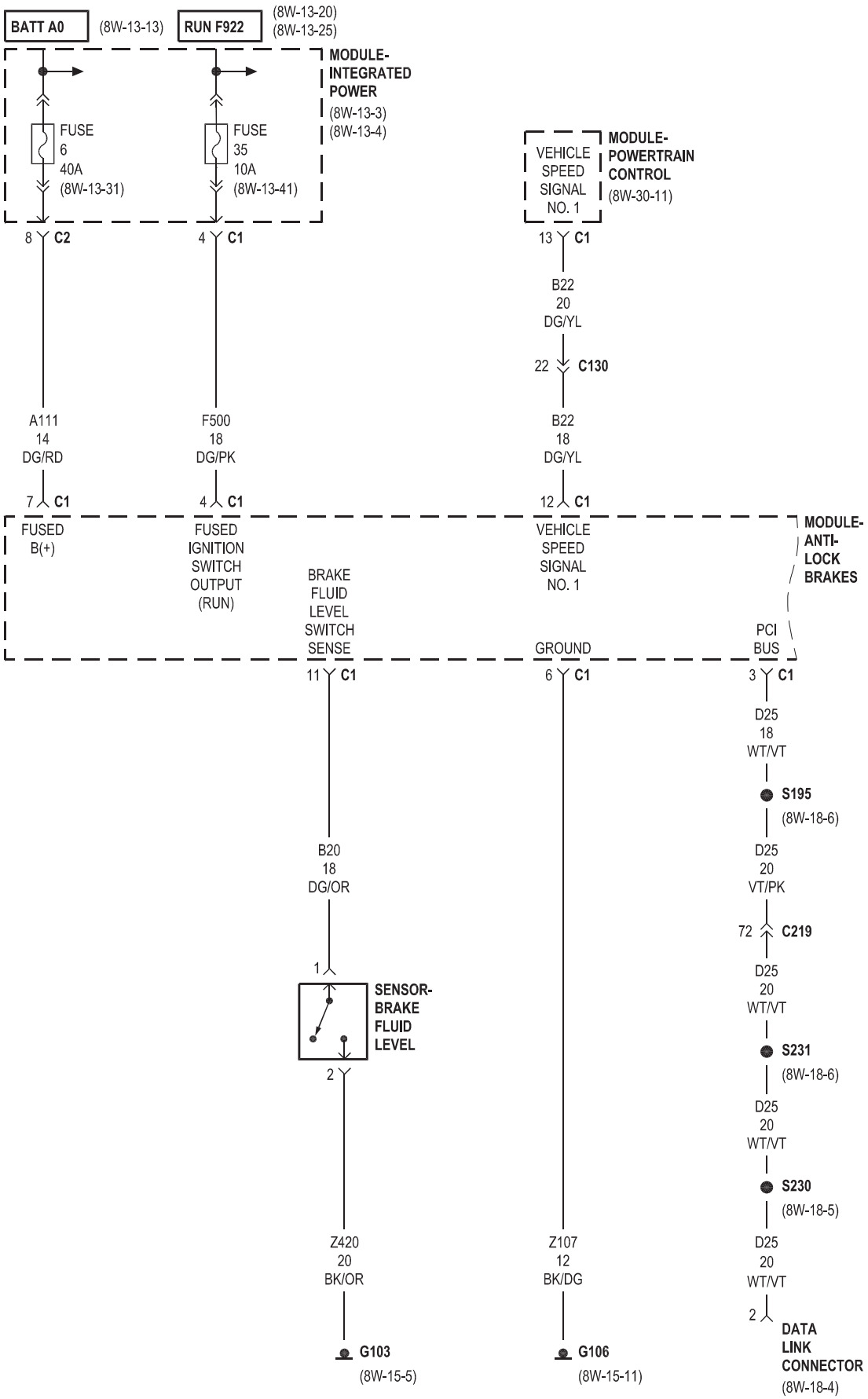

SWITCH-
SPEED
CONTROL-
RIGHT
1 ACCEL
2 RESUME
3 DECEL
1
2
3
A
B
SWITCH-
SPEED
CONTROL-
LEFT
1 CRUISE CONTROL ON
2 CRUISE CONTROL OFF
1
2
A
B
V37
20
VT
V37
20
VT
K900
20
VT/BR
K900
20
VT/BR
S207
S206
V37
20
VT
K900
20
VT/BR
3 C3
2 C3
CLOCKSPRING
4 C1
5 C1
EXCEPT
SRT
SRT
V37
20
VT
V937
20
VT/BR
K900
20
DB/DG
C
D
TO
C219
(8W-33-7)
TO
C219
(8W-33-7)

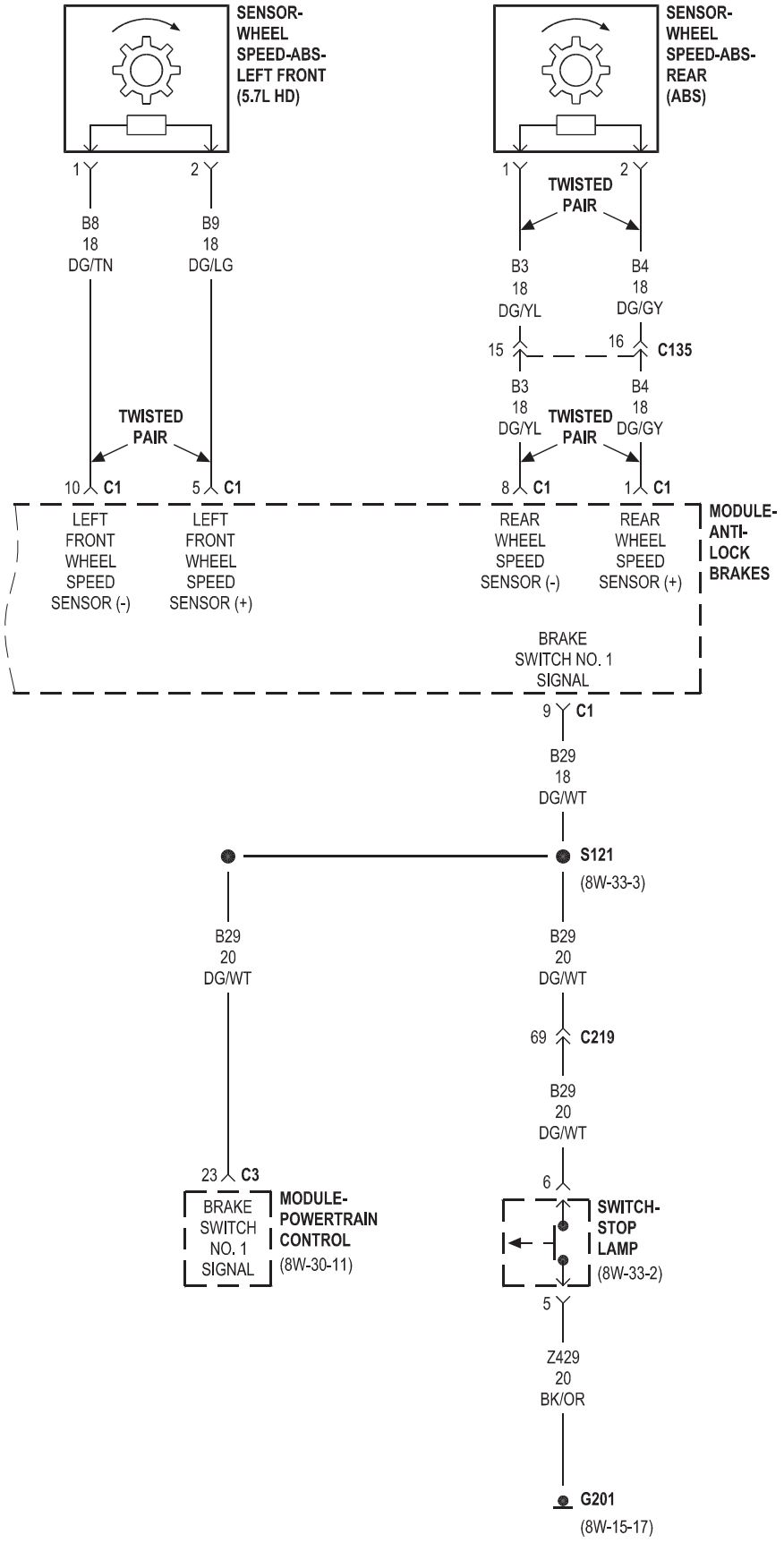

SWITCH-
SPEED
CONTROL-
RIGHT
1 ACCEL
2 RESUME
3 DECEL
SWITCH-
SPEED
CONTROL-
LEFT
1 CRUISE CONTROL ON
2 CRUISE CONTROL OFF
V937
20
VT/BR
V937
20
VT/BR
V37
20
VT
V38
20
VT/OR
V37
20
VT
V38
20
VT/OR
S206
S228
S207
V937
20
VT/BR
V37
20
VT
V38
20
VT/OR
C3
C3
C3
CLOCKSPRING
C1
C1
C1
EXCEPT
SRT
SRT
V937
20
VT/BR
K900
20
DB/DG
V37
20
VT
V38
20
VT/OR
D
C
E
TO
C219
(8W-33-7)
TO
C219
(8W-33-7)
TO
C219
(8W-33-7)


FROM CLOCKSPRING (8W-33-5) (8W-33-6)
C
V37 20 VT
17 C219
DIESEL
GAS
V37 20 VT
2 C130
V37 18 VT
46 C2
S/C SWITCH NO. 1 SIGNAL
MODULE-ENGINE CONTROL (8W-30-37)
SRT
EXCEPT SRT
V37 18 VT
V37 20 VT
FROM CLOCKSPRING (8W-33-5) (8W-33-6)
D
5.7L
EXCEPT 5.7L
V937 20 VT/BR
30 C219
K900 20 DB/DG
30 C219
K900 20 DB/DG
S103
(8W-31-14) (8W-70-6)
SRT
EXCEPT SRT
K900 18 DB/DG
K900 20 DB/DG
GAS
DIESEL
19 C130
5 C130
K900 18 DB/DG
K900 18 DB/DG
S132
(8W-70-7) (8W-70-8) (8W-70-9)
24 C2
SENSOR GROUND
MODULE-ENGINE CONTROL (8W-30-43)
FROM C203 (8W-33-6)
E
V38 20 VT/OR
5.7L
EXCEPT 5.7L
16 C219
16 C219
NOT USED
V937 20 VT/BR
K900 18 DB/DG
V38 20 VT/OR
32
34 C3
15 C3
4 C1
27 C2
18 C3
S/C SWITCH NO. 1 SIGNAL
S/C SWITCH RETURN
SENSOR GROUND
S/C SWITCH NO. 2 SIGNAL
MODULE-POWERTRAIN CONTROL (8W-30-15)
SRT
EXCEPT SRT

8W-34 REAR WHEEL ANTILOCK BRAKES

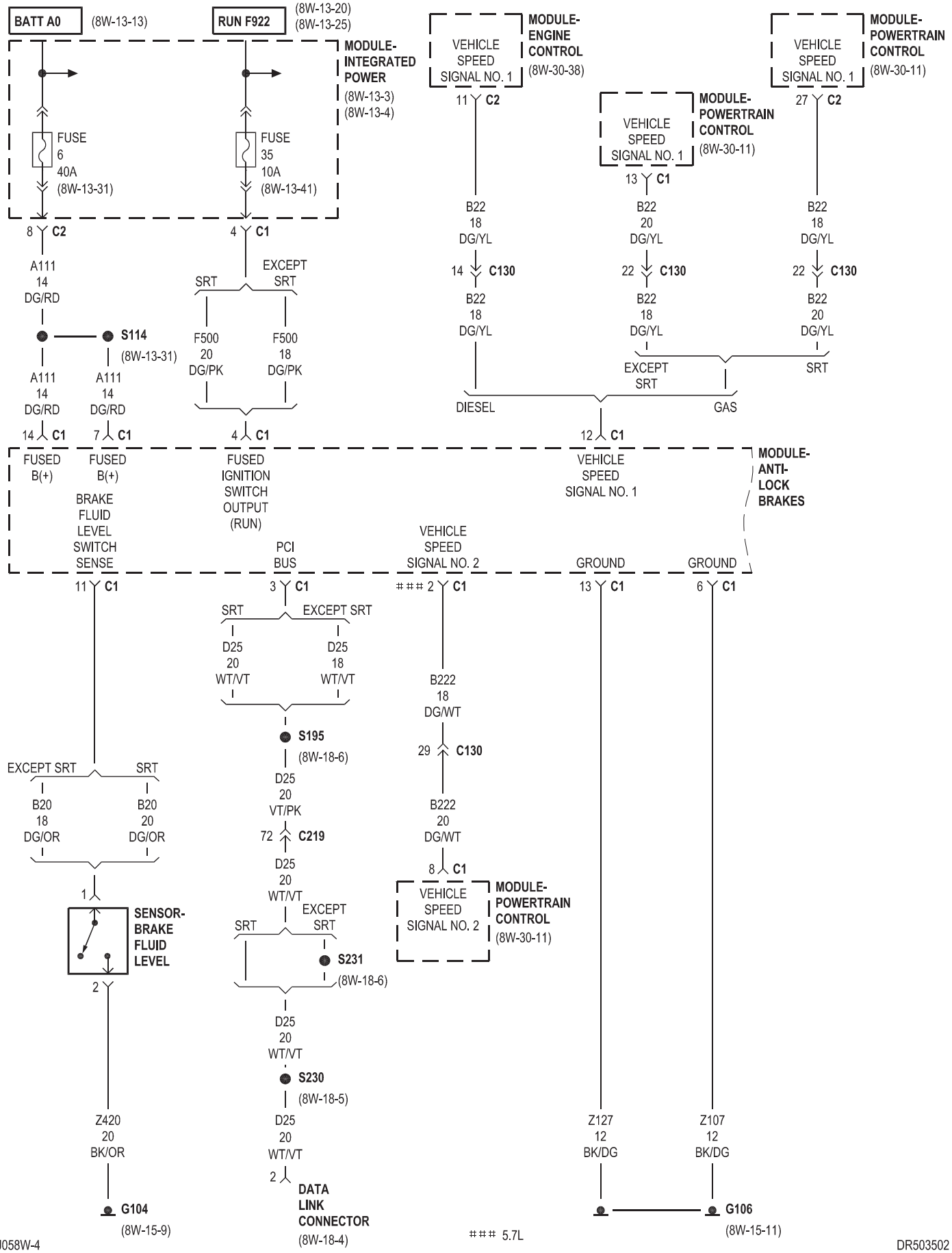
Component	Page
Data Link Connector	8W-34-2
Fuse 6	8W-34-2
Fuse 35	8W-34-2
G103	8W-34-2
G106	8W-34-2
G201	8W-34-3
Module-Anti-Lock Brakes	8W-34-2, 3
Module-Integrated Power	8W-34-2
Module-Powertrain Control	8W-34-2, 3
Sensor-Brake Fluid Level	8W-34-2
Sensor-Wheel Speed-Abs-Left Front	8W-34-3
Sensor-Wheel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

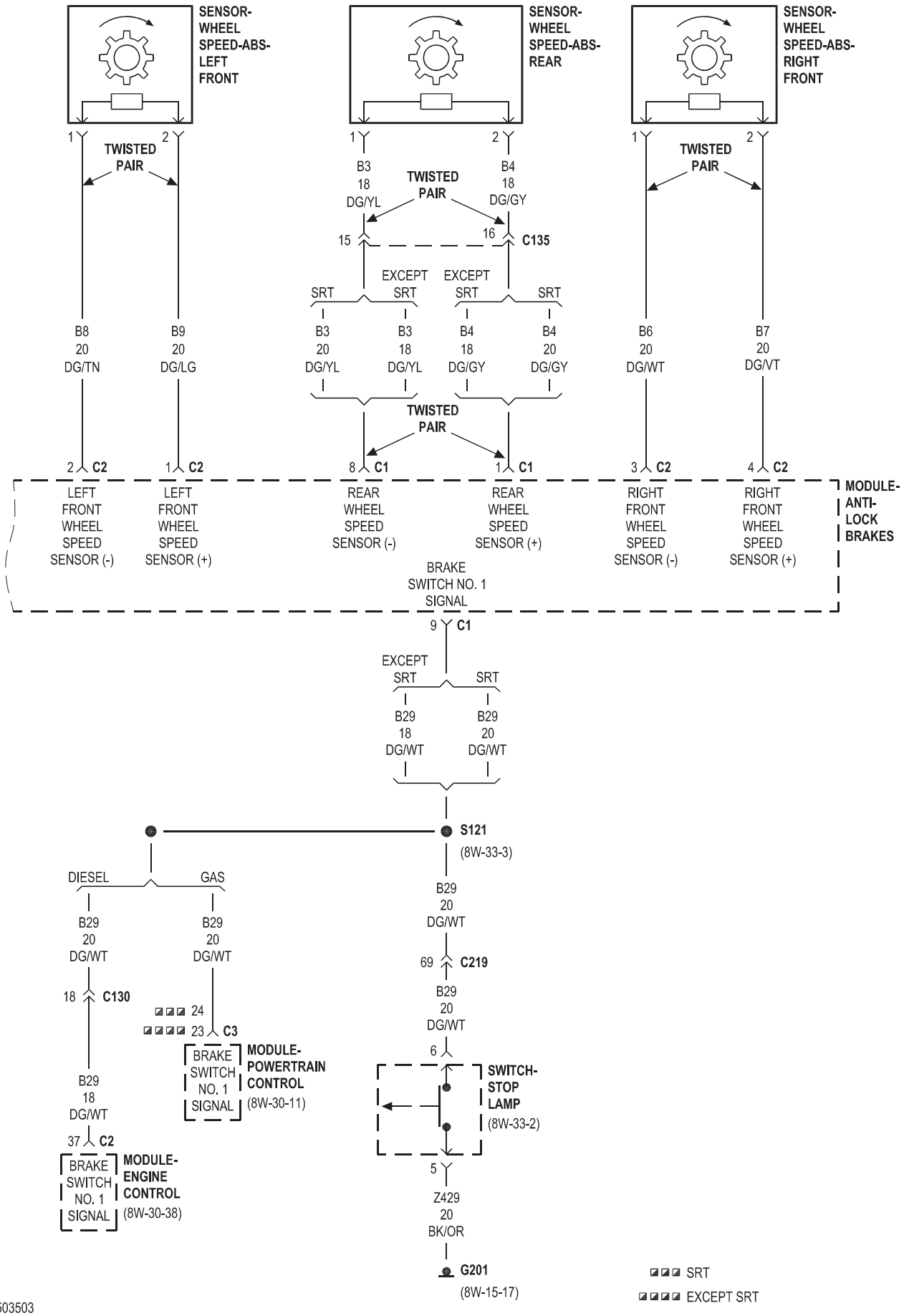

BATT A0
(8W-13-13)
RUN F922
(8W-13-20)
(8W-13-25)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
6
40A
(8W-13-31)
FUSE
35
10A
(8W-13-41)
VEHICLE
SPEED
SIGNAL
NO. 1
MODULE-
POWERTRAIN
CONTROL
(8W-30-11)
8 C2
4 C1
13 C1
B22
20
DG/YL
22 C130
A111
14
DG/RD
F500
18
DG/PK
B22
18
DG/YL
7 C1
4 C1
12 C1
FUSED
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
BRAKE
FLUID
LEVEL
SWITCH
SENSE
VEHICLE
SPEED
SIGNAL
NO. 1
MODULE-
ANTI-
LOCK
BRAKES
PCI
BUS
GROUND
11 C1
6 C1
3 C1
D25
18
WT/VT
S195
(8W-18-6)
B20
18
DG/OR
D25
20
VT/PK
72 C219
1
D25
20
WT/VT
SENSOR-
BRAKE
FLUID
LEVEL
S231
(8W-18-6)
2
D25
20
WT/VT
S230
(8W-18-5)
Z420
20
BK/OR
Z107
12
BK/DG
D25
20
WT/VT
2
DATA
LINK
CONNECTOR
(8W-18-4)
G103
(8W-15-5)
G106
(8W-15-11)


SENSOR-WHEEL SPEED-ABS-LEFT FRONT (5.7L HD)
SENSOR-WHEEL SPEED-ABS-REAR (ABS)
1
2
B8 18 DG/TN
B9 18 DG/LG
TWISTED PAIR
B3 18 DG/YL
B4 18 DG/GY
15
16
C135
10 C1
5 C1
8 C1
1 C1
LEFT FRONT WHEEL SPEED SENSOR (-)
LEFT FRONT WHEEL SPEED SENSOR (+)
REAR WHEEL SPEED SENSOR (-)
REAR WHEEL SPEED SENSOR (+)
MODULE-ANTI-LOCK BRAKES
BRAKE SWITCH NO. 1 SIGNAL
9 C1
B29 18 DG/WT
S121
(8W-33-3)
B29 20 DG/WT
69 C219
23 C3
6
BRAKE SWITCH NO. 1 SIGNAL
MODULE-POWERTRAIN CONTROL
(8W-30-11)
SWITCH-STOP LAMP
(8W-33-2)
5
Z429 20 BK/OR
G201
(8W-15-17)

8W-35 ALL WHEEL ANTILOCK BRAKES

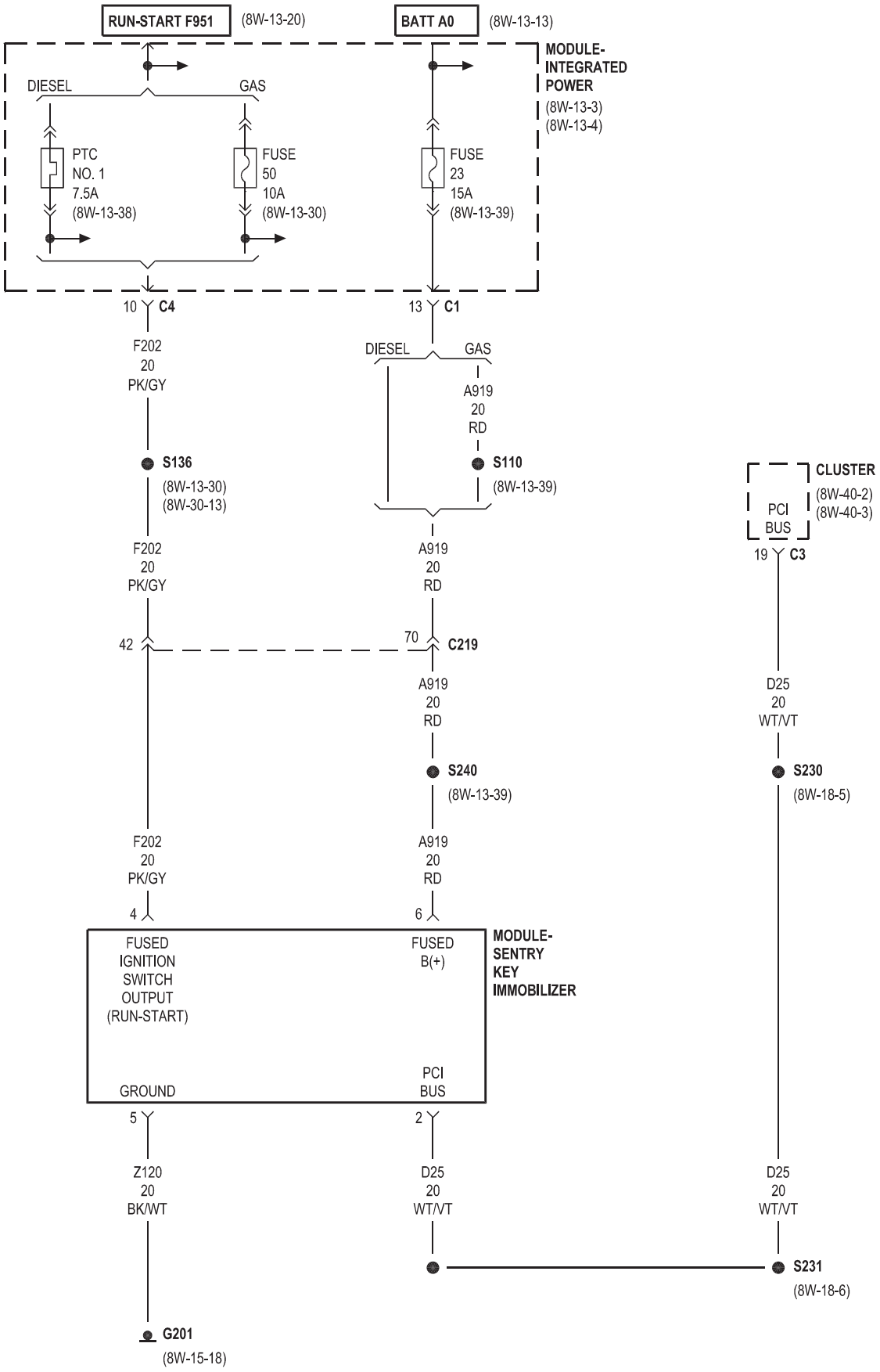
Component	Page
Data Link Connector	8W-35-2
Fuse 6	8W-35-2
Fuse 35	8W-35-2
G104	8W-35-2
G106	8W-35-2
G201	8W-35-3
Module-Anti-Lock Brakes	8W-35-2, 3
Module-Engine Control	8W-35-2, 3
Module-Integrated Power	8W-35-2
Module-Powertrain Control	8W-35-2, 3
Sensor-Brake Fluid Level	8W-35-2
Sensor-Wheel Speed-Abs-Left 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

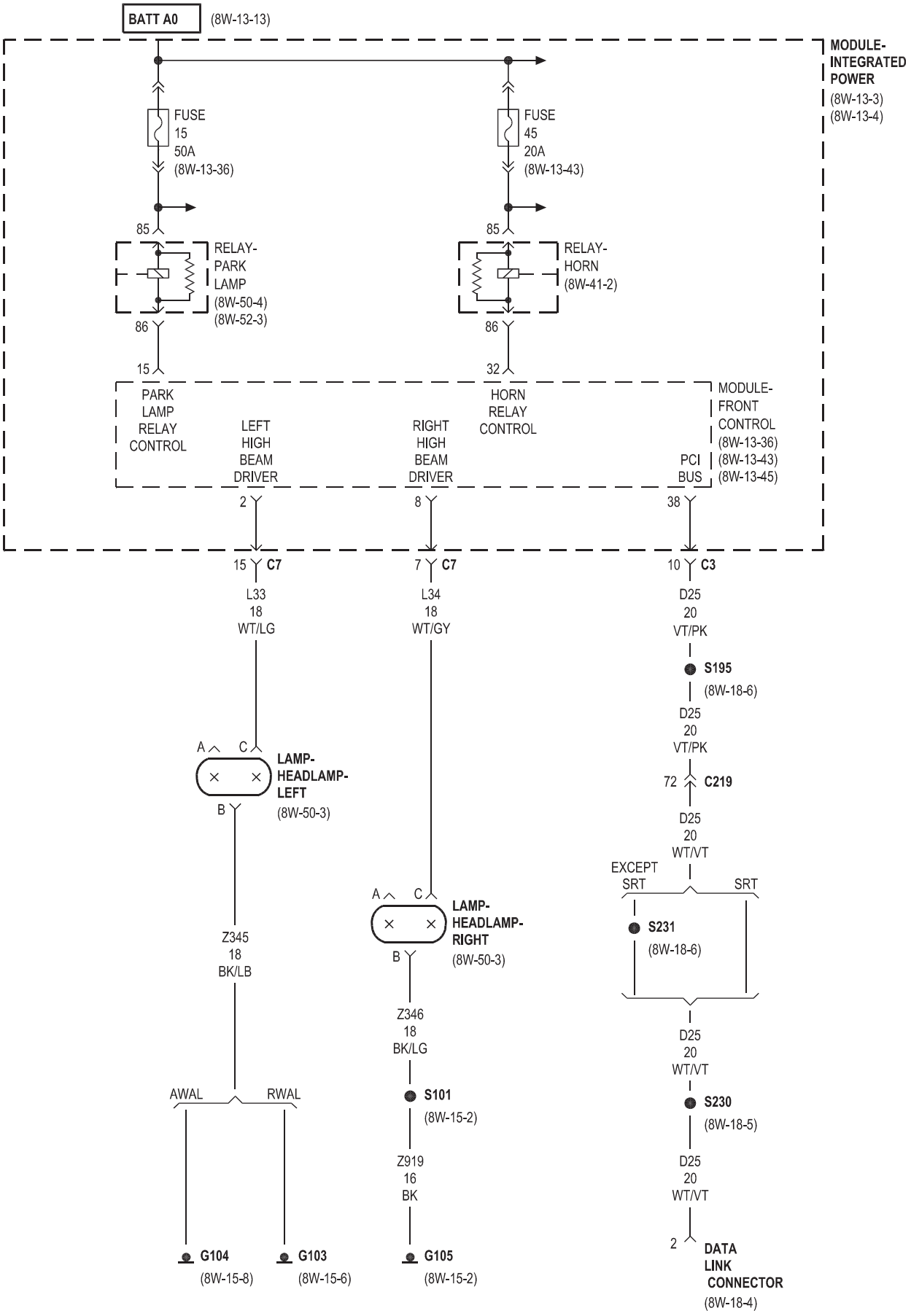

BATT A0
(8W-13-13)
RUN F922
(8W-13-20)
(8W-13-25)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 6 40A (8W-13-31)
FUSE 35 10A (8W-13-41)
8 C2
4 C1
A111 14 DG/RD
S114
(8W-13-31)
SRT
EXCEPT SRT
F500 20 DG/PK
F500 18 DG/PK
14 C1
7 C1
4 C1
FUSED B(+)
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN)
BRAKE FLUID LEVEL SWITCH SENSE
PCI BUS
VEHICLE SPEED SIGNAL NO. 2
GROUND
GROUND
MODULE-ANTI-LOCK BRAKES
11 C1
3 C1
2 C1
13 C1
6 C1
VEHICLE SPEED SIGNAL NO. 1
MODULE-ENGINE CONTROL
(8W-30-38)
11 C2
B22 18 DG/YL
14 C130
B22 18 DG/YL
DIESEL
VEHICLE SPEED SIGNAL NO. 1
MODULE-POWERTRAIN CONTROL
(8W-30-11)
13 C1
B22 20 DG/YL
22 C130
B22 18 DG/YL
EXCEPT SRT
GAS
VEHICLE SPEED SIGNAL NO. 1
MODULE-POWERTRAIN CONTROL
(8W-30-11)
27 C2
B22 18 DG/YL
22 C130
B22 20 DG/YL
SRT
12 C1
D25 20 WT/VT
D25 18 WT/VT
S195
(8W-18-6)
D25 20 VT/PK
72 C219
D25 20 WT/VT
S231
(8W-18-6)
D25 20 WT/VT
S230
(8W-18-5)
D25 20 WT/VT
2
DATA LINK CONNECTOR
(8W-18-4)
B222 18 DG/WT
29 C130
B222 20 DG/WT
8 C1
VEHICLE SPEED SIGNAL NO. 2
MODULE-POWERTRAIN CONTROL
(8W-30-11)
B20 18 DG/OR
B20 20 DG/OR
1
SENSOR-BRAKE FLUID LEVEL
2
Z420 20 BK/OR
G104
(8W-15-9)
Z127 12 BK/DG
Z107 12 BK/DG
G106
(8W-15-11)
5.7L

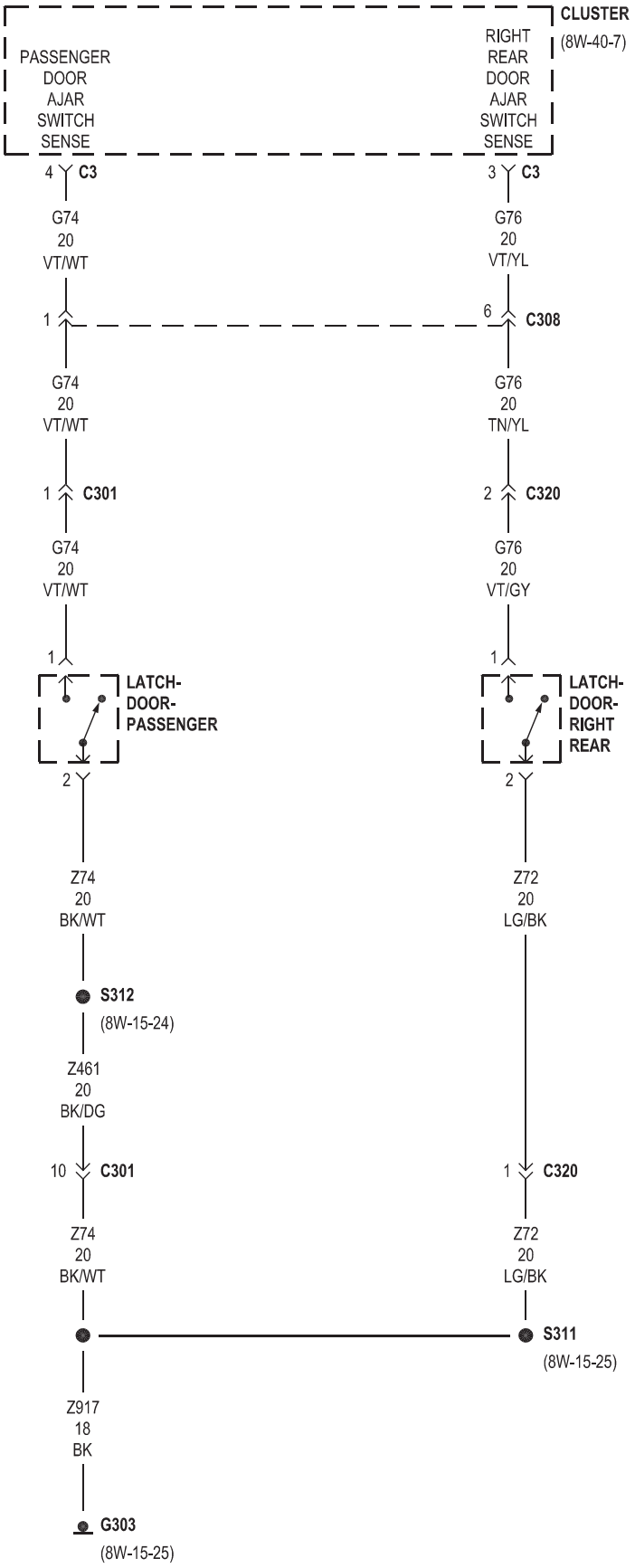

SENSOR-WHEEL SPEED-ABS-LEFT FRONT
SENSOR-WHEEL SPEED-ABS-REAR
SENSOR-WHEEL SPEED-ABS-RIGHT FRONT
TWISTED PAIR
B3 18 DG/YL
B4 18 DG/GY
C135
EXCEPT SRT
SRT
B8 20 DG/TN
B9 20 DG/LG
B3 20 DG/YL
B3 18 DG/YL
B4 18 DG/GY
B4 20 DG/GY
B6 20 DG/WT
B7 20 DG/VT
C1
C2
LEFT FRONT WHEEL SPEED SENSOR (-)
LEFT FRONT WHEEL SPEED SENSOR (+)
REAR WHEEL SPEED SENSOR (-)
REAR WHEEL SPEED SENSOR (+)
RIGHT FRONT WHEEL SPEED SENSOR (-)
RIGHT FRONT WHEEL SPEED SENSOR (+)
MODULE-ANTI-LOCK BRAKES
BRAKE SWITCH NO. 1 SIGNAL
B29 18 DG/WT
B29 20 DG/WT
S121
(8W-33-3)
DIESEL
GAS
C130
C3
C219
BRAKE SWITCH NO. 1 SIGNAL
MODULE-POWERTRAIN CONTROL
(8W-30-11)
MODULE-ENGINE CONTROL
(8W-30-38)
SWITCH-STOP LAMP
(8W-33-2)
Z429 20 BK/OR
G201
(8W-15-17)
SRT
EXCEPT SRT

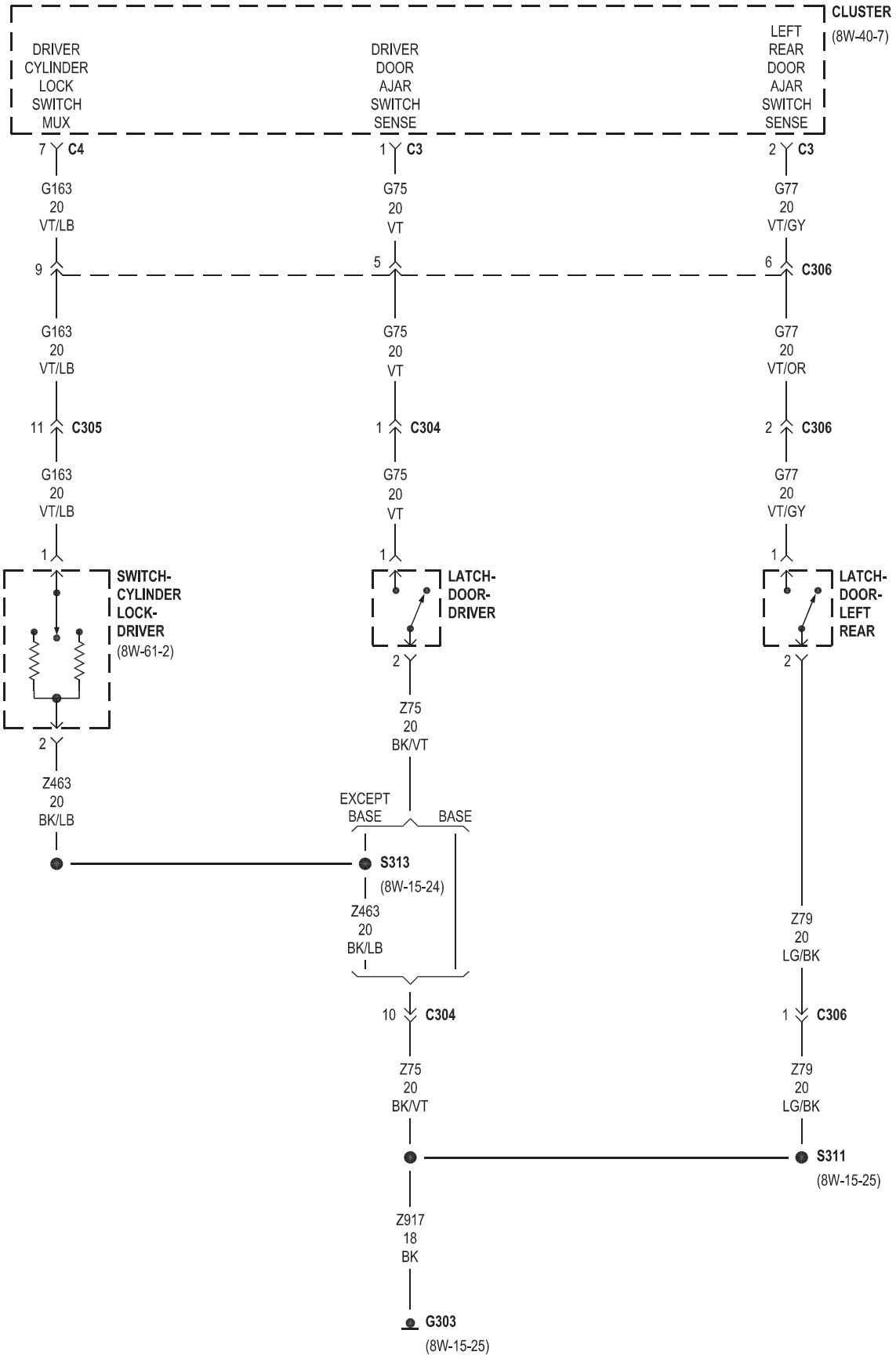
8W-39 VEHICLE THEFT SECURITY SYSTEM

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


RUN-START F951
(8W-13-20)
BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
DIESEL
GAS
PTC
NO. 1
7.5A
(8W-13-38)
FUSE
50
10A
(8W-13-30)
FUSE
23
15A
(8W-13-39)
10 C4
13 C1
F202
20
PK/GY
DIESEL
GAS
A919
20
RD
S136
(8W-13-30)
(8W-30-13)
S110
(8W-13-39)
CLUSTER
(8W-40-2)
(8W-40-3)
PCI
BUS
19 C3
F202
20
PK/GY
A919
20
RD
42
70 C219
A919
20
RD
D25
20
WT/VT
S240
(8W-13-39)
S230
(8W-18-5)
F202
20
PK/GY
A919
20
RD
4
6
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSED
B(+)
MODULE-
SENTRY
KEY
IMMOBILIZER
GROUND
PCI
BUS
5
2
Z120
20
BK/WT
D25
20
WT/VT
D25
20
WT/VT
S231
(8W-18-6)
G201
(8W-15-18)

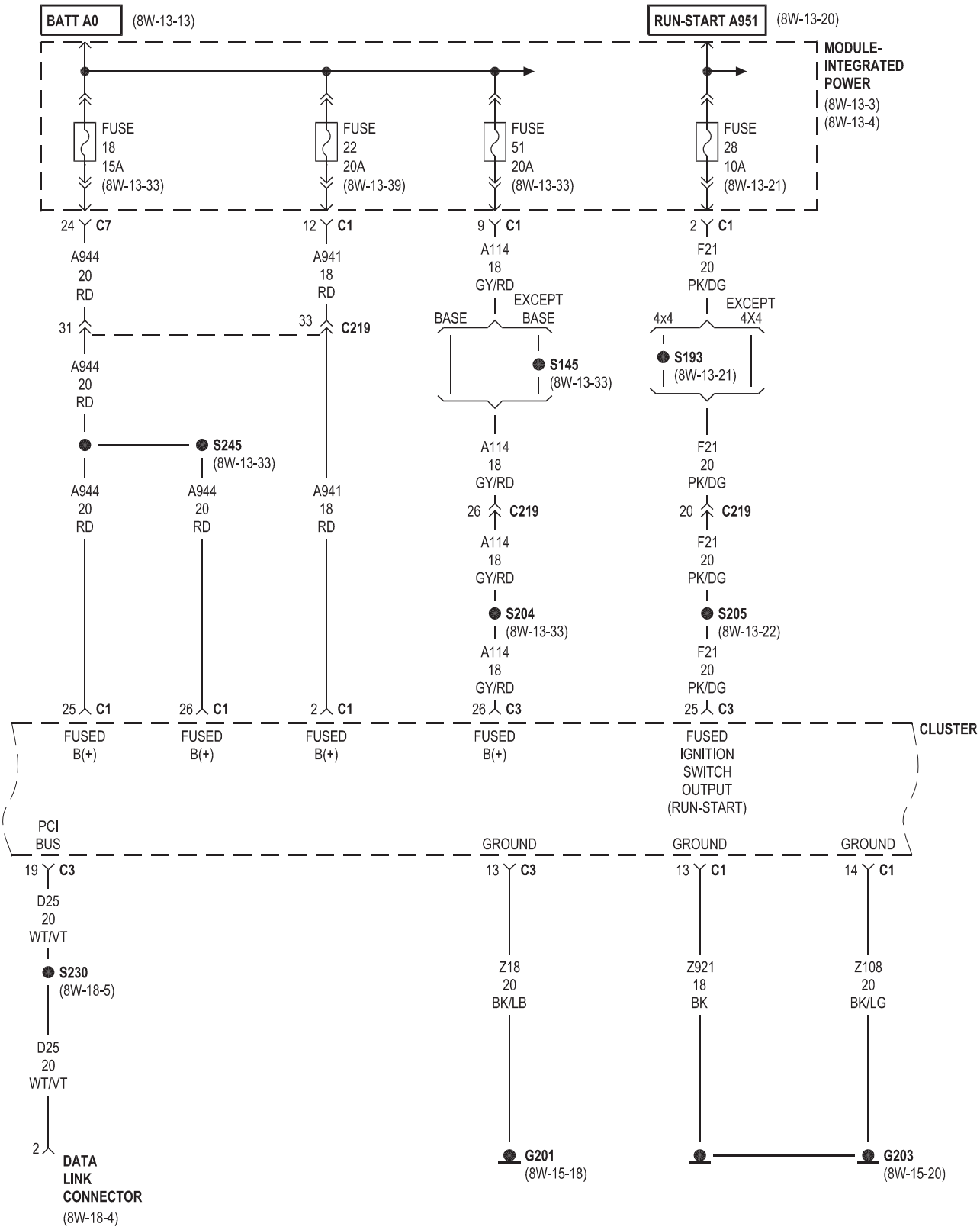

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
15
50A
(8W-13-36)
FUSE
45
20A
(8W-13-43)
85
RELAY-
PARK
LAMP
(8W-50-4)
(8W-52-3)
RELAY-
HORN
(8W-41-2)
86
15
32
PARK
LAMP
RELAY
CONTROL
LEFT
HIGH
BEAM
DRIVER
RIGHT
HIGH
BEAM
DRIVER
HORN
RELAY
CONTROL
MODULE-
FRONT
CONTROL
(8W-13-36)
(8W-13-43)
(8W-13-45)
PCI
BUS
2
8
38
15 C7
7 C7
10 C3
L33
18
WT/LG
L34
18
WT/GY
D25
20
VT/PK
S195
(8W-18-6)
D25
20
VT/PK
72 C219
D25
20
WT/VT
EXCEPT
SRT
SRT
S231
(8W-18-6)
A
C
B
LAMP-
HEADLAMP-
LEFT
(8W-50-3)
LAMP-
HEADLAMP-
RIGHT
(8W-50-3)
Z345
18
BK/LB
Z346
18
BK/LG
AWAL
RWAL
S101
(8W-15-2)
Z919
16
BK
D25
20
WT/VT
S230
(8W-18-5)
D25
20
WT/VT
2
DATA
LINK
CONNECTOR
(8W-18-4)
G104
(8W-15-8)
G103
(8W-15-6)
G105
(8W-15-2)

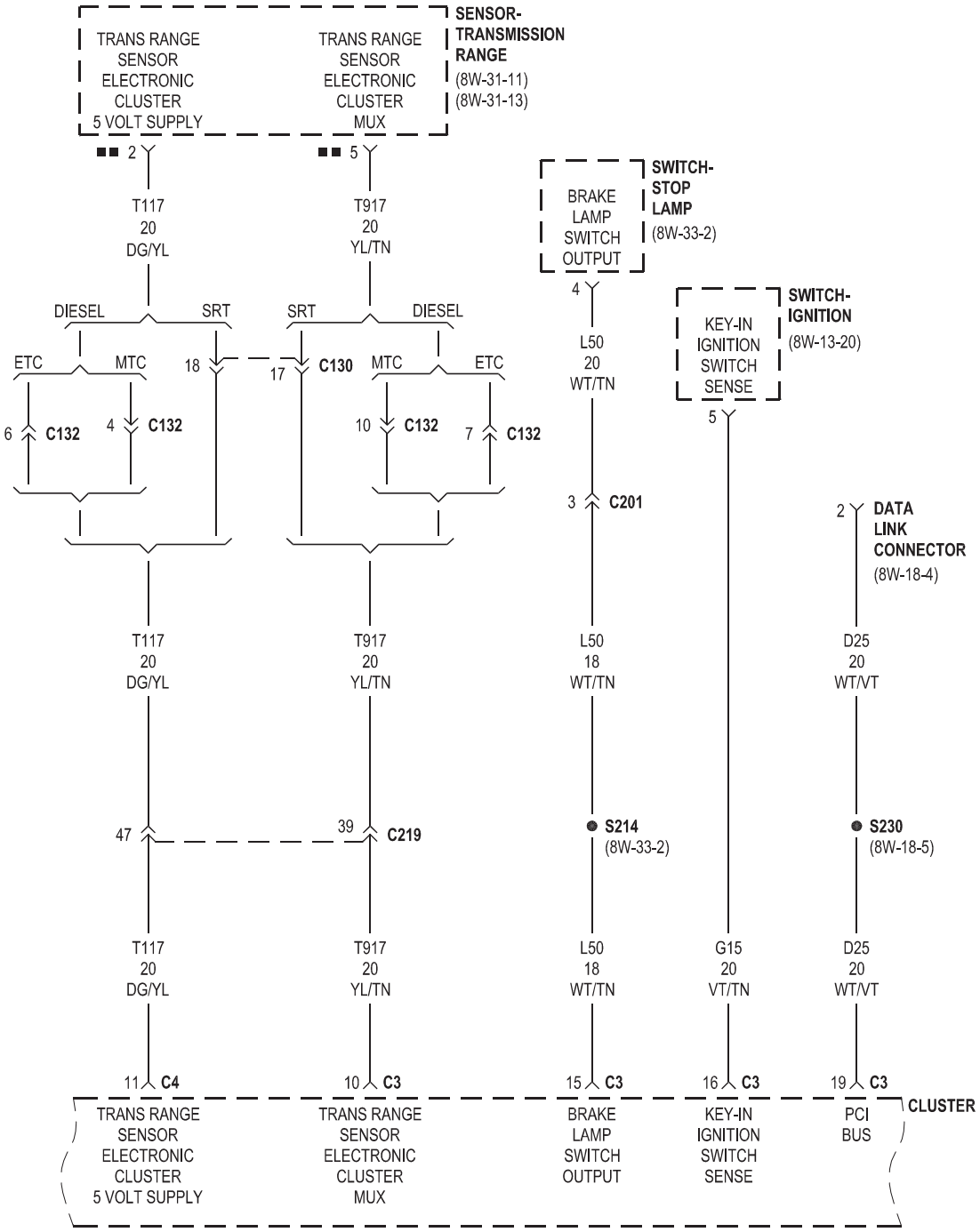

CLUSTER
(8W-40-7)
PASSENGER DOOR AJAR SWITCH SENSE
RIGHT REAR DOOR AJAR SWITCH SENSE
4 C3
3 C3
G74 20 VT/WT
G76 20 VT/YL
1
6 C308
G74 20 VT/WT
G76 20 TN/YL
1 C301
2 C320
G74 20 VT/WT
G76 20 VT/GY
1
1
LATCH-DOOR-PASSENGER
LATCH-DOOR-RIGHT REAR
2
2
Z74 20 BK/WT
Z72 20 LG/BK
S312
(8W-15-24)
Z461 20 BK/DG
10 C301
1 C320
Z74 20 BK/WT
Z72 20 LG/BK
S311
(8W-15-25)
Z917 18 BK
G303
(8W-15-25)


CLUSTER
(8W-40-7)
DRIVER CYLINDER LOCK SWITCH MUX
DRIVER DOOR AJAR SWITCH SENSE
LEFT REAR DOOR AJAR SWITCH SENSE
7 C4
1 C3
2 C3
G163 20 VT/LB
G75 20 VT
G77 20 VT/GY
9
5
6 C306
G163 20 VT/LB
G75 20 VT
G77 20 VT/OR
11 C305
1 C304
2 C306
G163 20 VT/LB
G75 20 VT
G77 20 VT/GY
1
1
1
SWITCH-CYLINDER LOCK-DRIVER
(8W-61-2)
LATCH-DOOR-DRIVER
LATCH-DOOR-LEFT REAR
2
2
2
Z75 20 BK/VT
Z463 20 BK/LB
EXCEPT BASE
BASE
S313
(8W-15-24)
Z463 20 BK/LB
Z79 20 LG/BK
10 C304
1 C306
Z75 20 BK/VT
Z79 20 LG/BK
S311
(8W-15-25)
Z917 18 BK
G303
(8W-15-25)

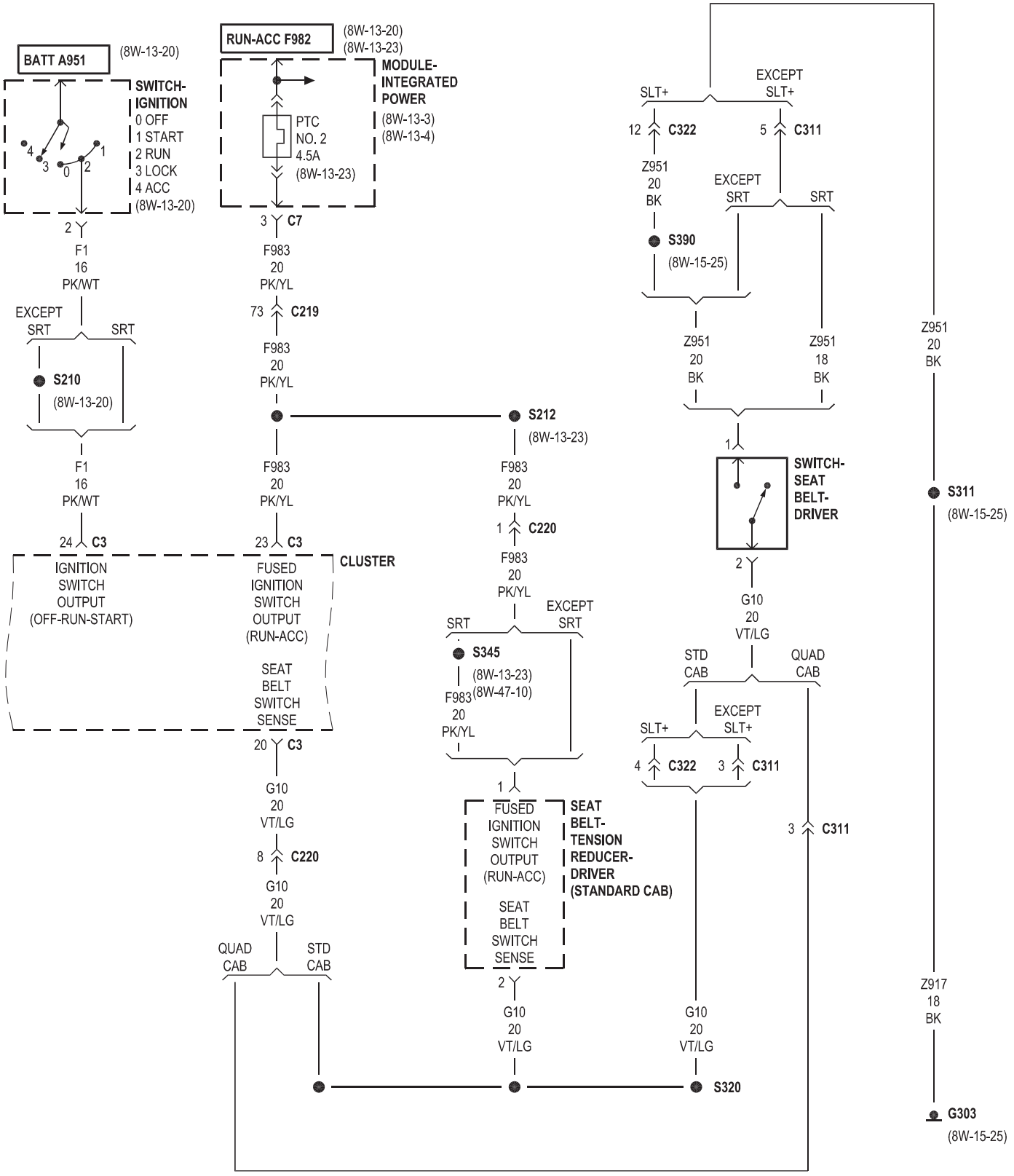
8W-40 INSTRUMENT CLUSTER

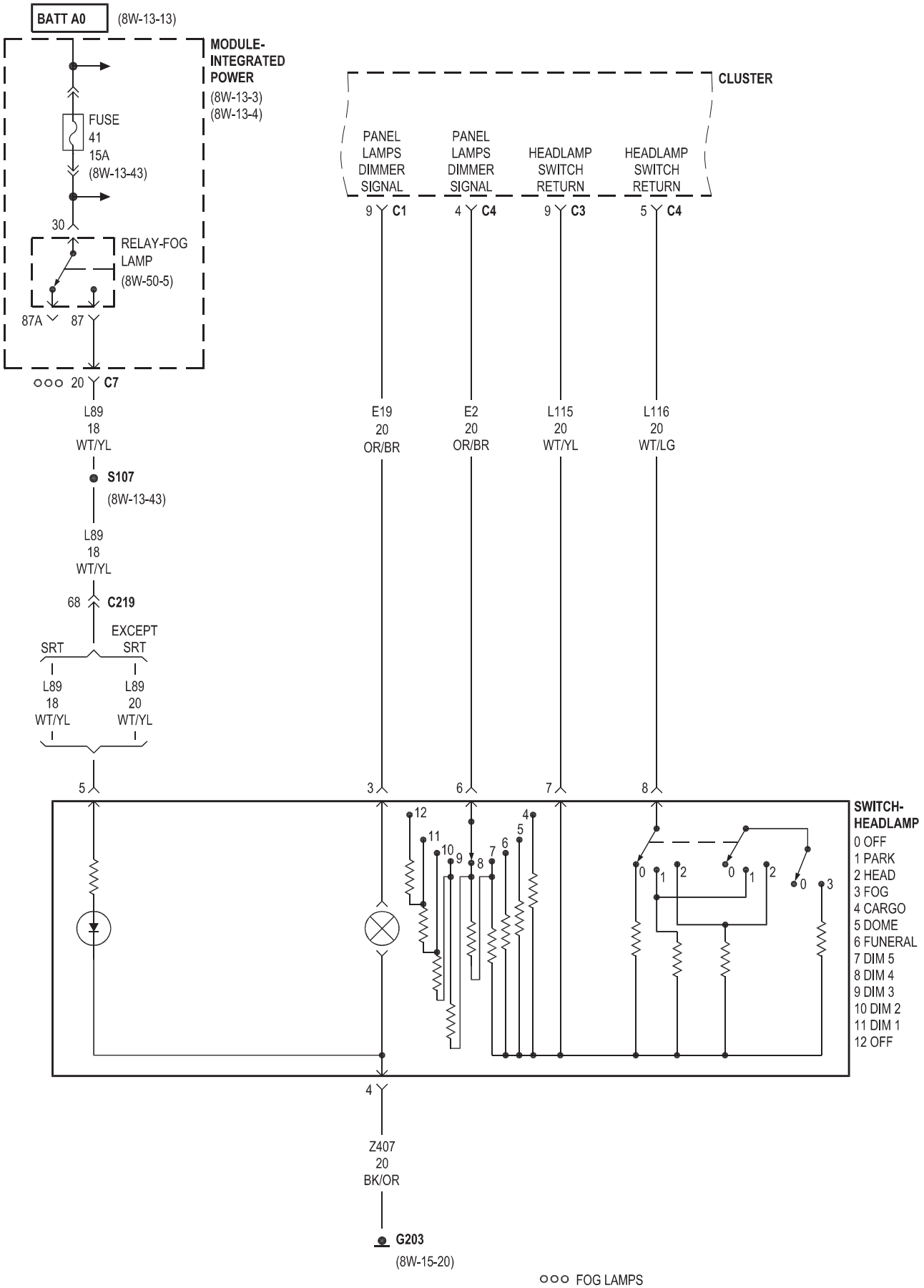
Component	Page
Clockspring	8W-40-10
Cluster	8W-40-2, 3, 4, 5, 6, 7, 8, 9, 10, 11
Control-A/C-Heater	8W-40-9
Data Link Connector	8W-40-2, 3
Fuse 18	8W-40-2
Fuse 22	8W-40-2
Fuse 28	8W-40-2, 11
Fuse 41	8W-40-5
Fuse 51	8W-40-2
G110	8W-40-11
G201	8W-40-2, 11
G203	8W-40-2, 5, 10
G303	8W-40-4, 7
Gauge-Engine 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
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

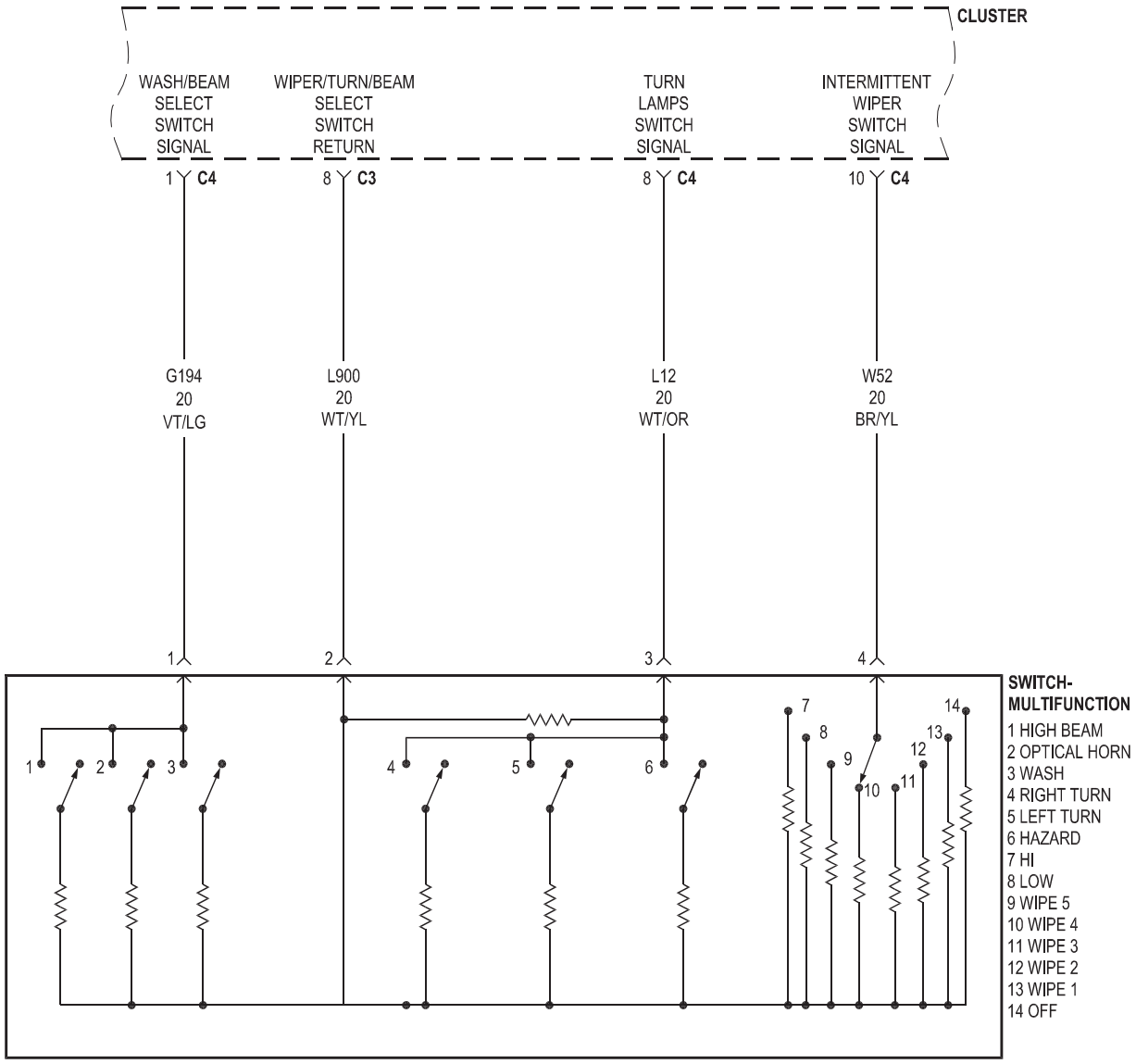

BATT A0
(8W-13-13)
RUN-START A951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
18
15A
(8W-13-33)
FUSE
22
20A
(8W-13-39)
FUSE
51
20A
(8W-13-33)
FUSE
28
10A
(8W-13-21)
24 C7
12 C1
9 C1
2 C1
A944
20
RD
A941
18
RD
A114
18
GY/RD
F21
20
PK/DG
EXCEPT
BASE
BASE
EXCEPT
4x4
4X4
31
33 C219
S145
(8W-13-33)
S193
(8W-13-21)
S245
(8W-13-33)
26 C219
20 C219
S204
(8W-13-33)
S205
(8W-13-22)
25 C1
26 C1
2 C1
26 C3
25 C3
FUSED
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
CLUSTER
PCI
BUS
GROUND
GROUND
GROUND
19 C3
13 C3
13 C1
14 C1
D25
20
WT/VT
S230
(8W-18-5)
Z18
20
BK/LB
Z921
18
BK
Z108
20
BK/LG
2
DATA
LINK
CONNECTOR
(8W-18-4)
G201
(8W-15-18)
G203
(8W-15-20)


SENSOR-TRANSMISSION RANGE
(8W-31-11)
(8W-31-13)
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
■■ 2
■■ 5
T117 20 DG/YL
T917 20 YL/TN
SWITCH-STOP LAMP
(8W-33-2)
BRAKE LAMP SWITCH OUTPUT
4
L50 20 WT/TN
SWITCH-IGNITION
(8W-13-20)
KEY-IN IGNITION SWITCH SENSE
5
DIESEL
SRT
SRT
DIESEL
ETC
MTC
18
17 C130
MTC
ETC
6 C132
4 C132
10 C132
7 C132
3 C201
2 DATA LINK CONNECTOR
(8W-18-4)
T117 20 DG/YL
T917 20 YL/TN
L50 18 WT/TN
D25 20 WT/VT
47
39 C219
S214
(8W-33-2)
S230
(8W-18-5)
T117 20 DG/YL
T917 20 YL/TN
L50 18 WT/TN
G15 20 VT/TN
D25 20 WT/VT
11 C4
10 C3
15 C3
16 C3
19 C3
CLUSTER
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
BRAKE LAMP SWITCH OUTPUT
KEY-IN IGNITION SWITCH SENSE
PCI BUS

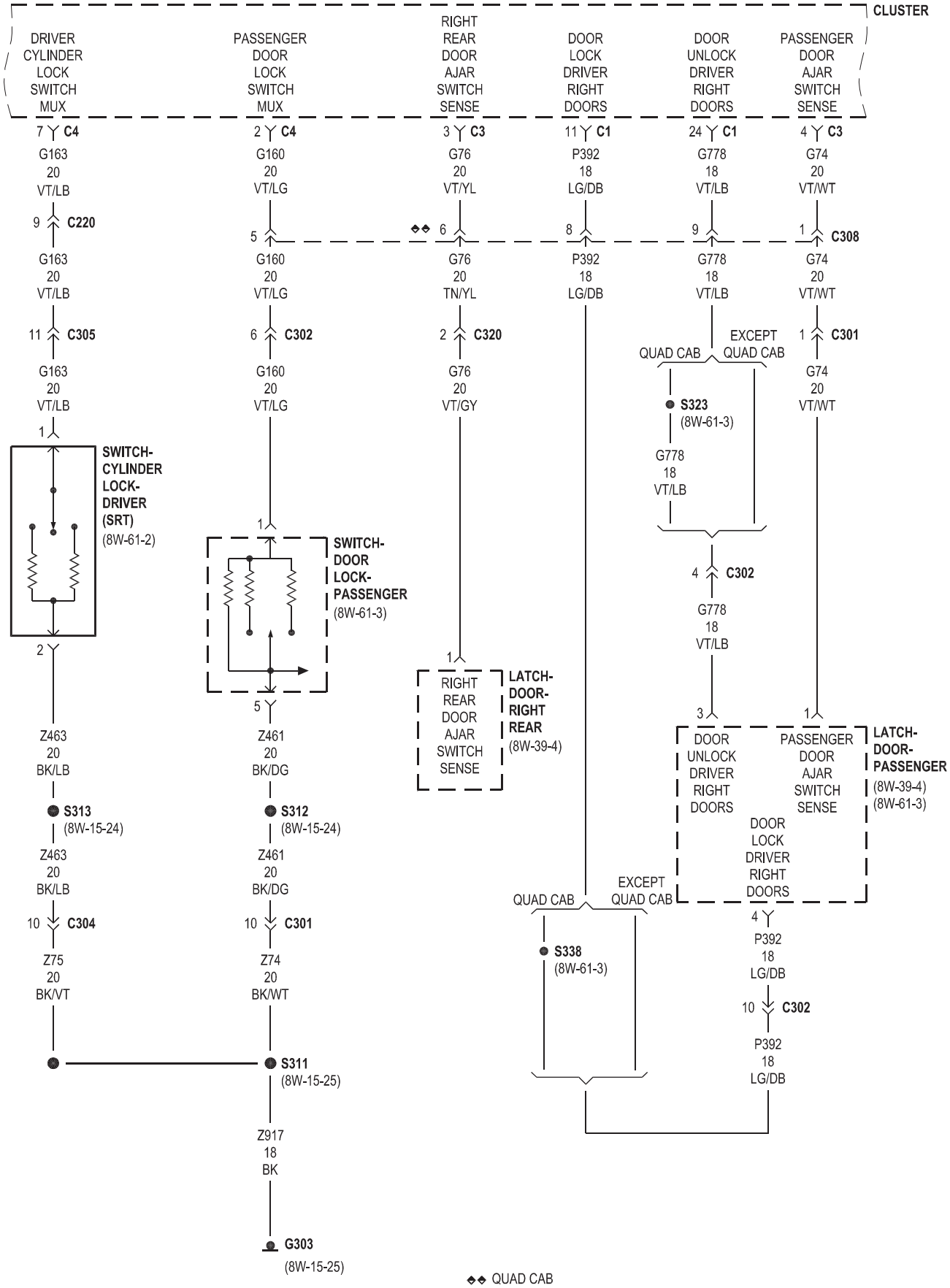
■■ A/T

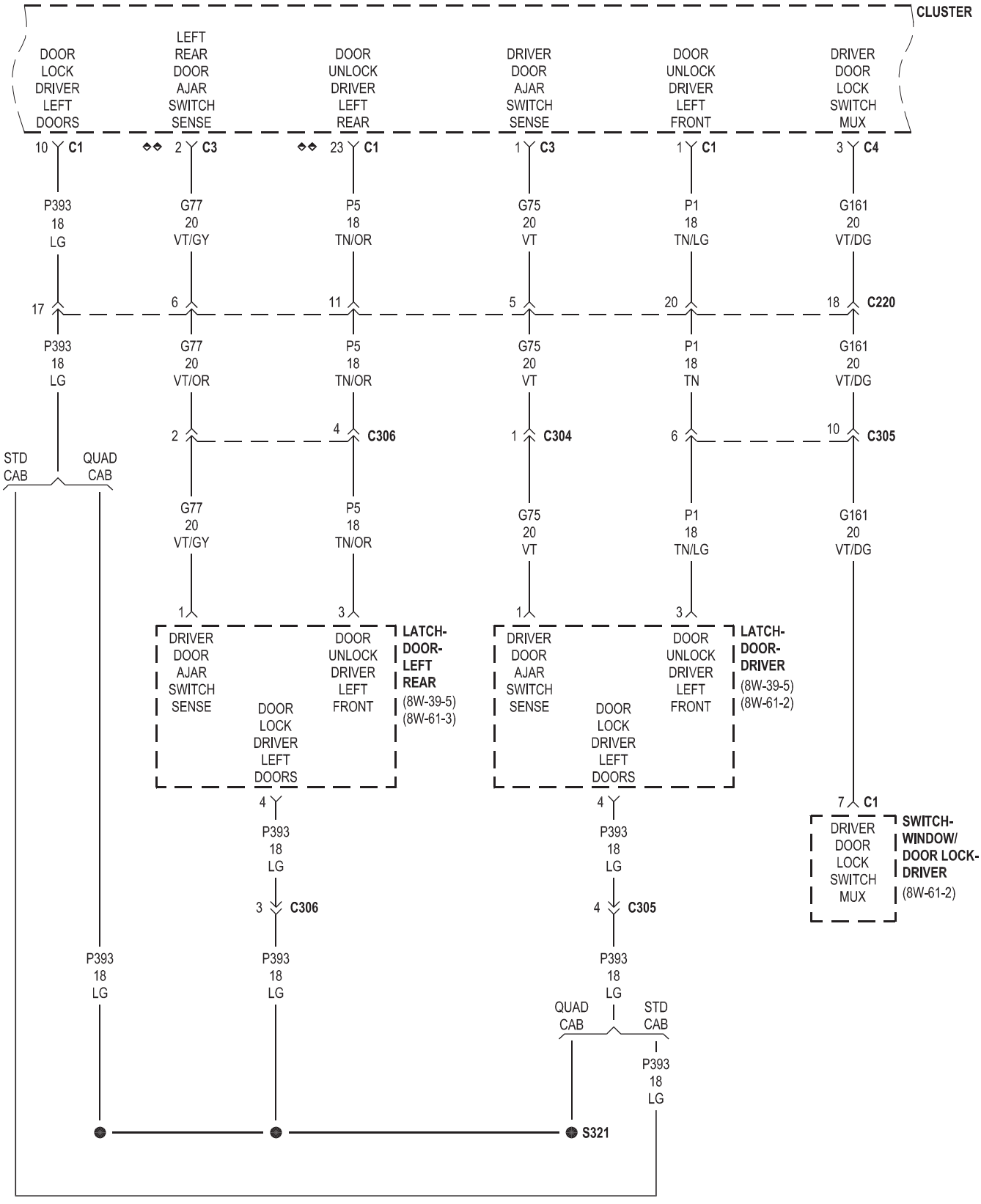

BATT A951
(8W-13-20)
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-13-20)
RUN-ACC F982
(8W-13-20)
(8W-13-23)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
PTC
NO. 2
4.5A
(8W-13-23)
2
F1
16
PK/WT
3 C7
F983
20
PK/YL
EXCEPT SRT
SRT
S210
(8W-13-20)
73 C219
F983
20
PK/YL
S212
(8W-13-23)
F1
16
PK/WT
F983
20
PK/YL
24 C3
23 C3
1 C220
F983
20
PK/YL
CLUSTER
IGNITION SWITCH OUTPUT (OFF-RUN-START)
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
SEAT BELT SWITCH SENSE
SRT
EXCEPT SRT
S345
(8W-13-23)
(8W-47-10)
F983
20
PK/YL
20 C3
G10
20
VT/LG
8 C220
G10
20
VT/LG
QUAD CAB
STD CAB
1
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
SEAT BELT SWITCH SENSE
SEAT BELT-TENSION REDUCER-DRIVER (STANDARD CAB)
2
G10
20
VT/LG
S320
SLT+
EXCEPT SLT+
12 C322
5 C311
Z951
20
BK
EXCEPT SRT
SRT
S390
(8W-15-25)
Z951
20
BK
Z951
18
BK
1
SWITCH-SEAT BELT-DRIVER
2
G10
20
VT/LG
STD CAB
QUAD CAB
SLT+
EXCEPT SLT+
4 C322
3 C311
3 C311
G10
20
VT/LG
Z951
20
BK
S311
(8W-15-25)
Z917
18
BK
G303
(8W-15-25)


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
41
15A
(8W-13-43)
30
RELAY-FOG
LAMP
(8W-50-5)
87A
87
20 C7
L89
18
WT/YL
S107
(8W-13-43)
L89
18
WT/YL
68 C219
EXCEPT
SRT
SRT
L89
18
WT/YL
L89
20
WT/YL
5
CLUSTER
PANEL
LAMPS
DIMMER
SIGNAL
PANEL
LAMPS
DIMMER
SIGNAL
HEADLAMP
SWITCH
RETURN
HEADLAMP
SWITCH
RETURN
9 C1
4 C4
9 C3
5 C4
E19
20
OR/BR
E2
20
OR/BR
L115
20
WT/YL
L116
20
WT/LG
3
6
7
8
12
11
10
9
8
7
6
5
4
0
1
2
0
1
2
0
3
SWITCH-
HEADLAMP
0 OFF
1 PARK
2 HEAD
3 FOG
4 CARGO
5 DOME
6 FUNERAL
7 DIM 5
8 DIM 4
9 DIM 3
10 DIM 2
11 DIM 1
12 OFF
4
Z407
20
BK/OR
G203
(8W-15-20)
FOG LAMPS

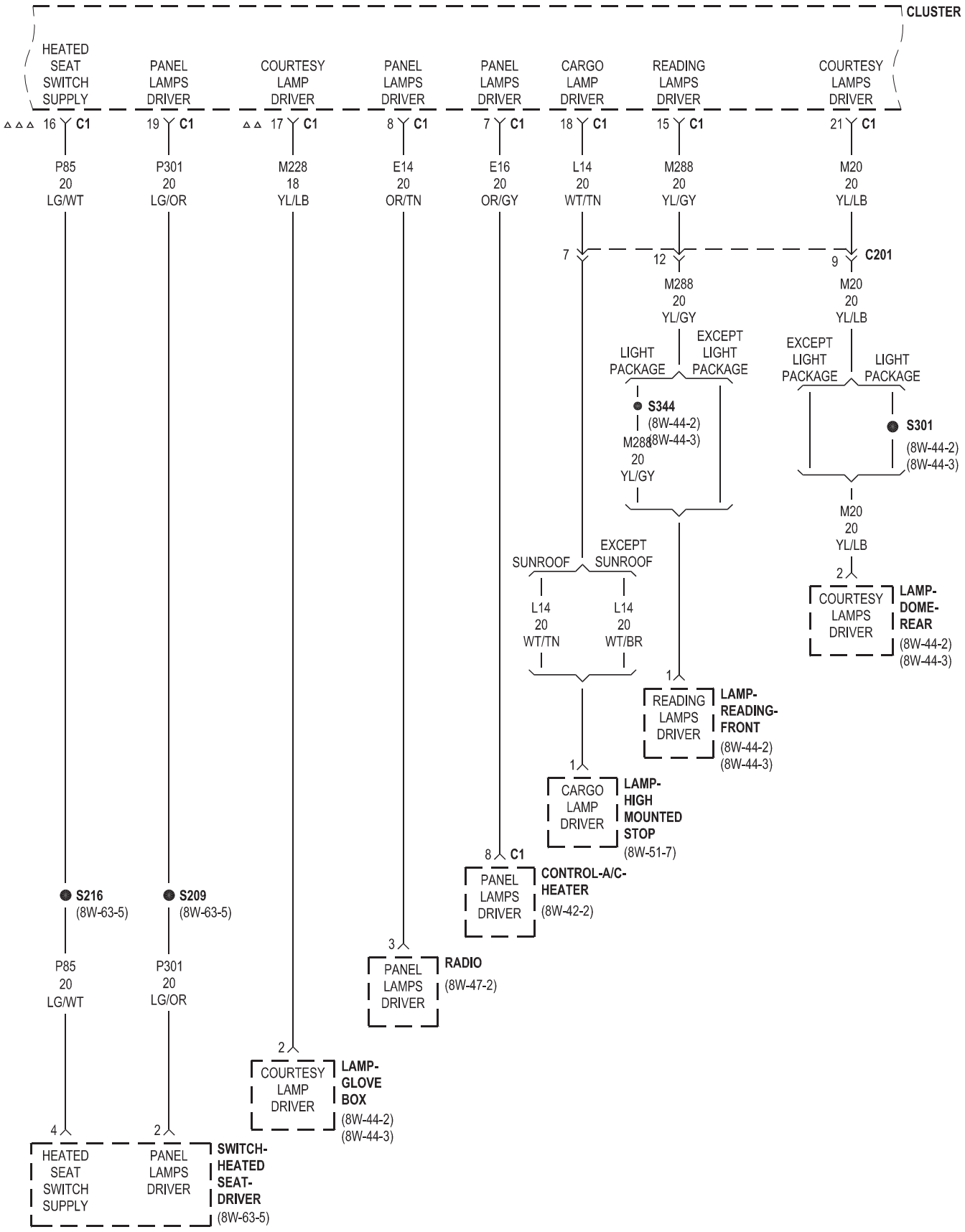

CLUSTER
WASH/BEAM SELECT SWITCH SIGNAL
WIPER/TURN/BEAM SELECT SWITCH RETURN
TURN LAMPS SWITCH SIGNAL
INTERMITTENT WIPER SWITCH SIGNAL
1 C4
8 C3
8 C4
10 C4
G194 20 VT/LG
L900 20 WT/YL
L12 20 WT/OR
W52 20 BR/YL
1
2
3
4
SWITCH-MULTIFUNCTION
1 HIGH BEAM
2 OPTICAL HORN
3 WASH
4 RIGHT TURN
5 LEFT TURN
6 HAZARD
7 HI
8 LOW
9 WIPE 5
10 WIPE 4
11 WIPE 3
12 WIPE 2
13 WIPE 1
14 OFF

EXCEPT BASE


CLUSTER
DRIVER CYLINDER LOCK SWITCH MUX
PASSENGER DOOR LOCK SWITCH MUX
RIGHT REAR DOOR AJAR SWITCH SENSE
DOOR LOCK DRIVER RIGHT DOORS
DOOR UNLOCK DRIVER RIGHT DOORS
PASSENGER DOOR AJAR SWITCH SENSE
7 C4
2 C4
3 C3
11 C1
24 C1
4 C3
G163 20 VT/LB
G160 20 VT/LG
G76 20 VT/YL
P392 18 LG/DB
G778 18 VT/LB
G74 20 VT/WT
9 C220
5
6
8
9
1 C308
G163 20 VT/LB
G160 20 VT/LG
G76 20 TN/YL
P392 18 LG/DB
G778 18 VT/LB
G74 20 VT/WT
11 C305
6 C302
2 C320
QUAD CAB
EXCEPT QUAD CAB
1 C301
G163 20 VT/LB
G160 20 VT/LG
G76 20 VT/GY
S323 (8W-61-3)
G74 20 VT/WT
1
SWITCH-CYLINDER LOCK-DRIVER (SRT) (8W-61-2)
1
SWITCH-DOOR LOCK-PASSENGER (8W-61-3)
G778 18 VT/LB
4 C302
G778 18 VT/LB
2
5
1
RIGHT REAR DOOR AJAR SWITCH SENSE
LATCH-DOOR-RIGHT REAR (8W-39-4)
3
1
DOOR UNLOCK DRIVER RIGHT DOORS
PASSENGER DOOR AJAR SWITCH SENSE
DOOR LOCK DRIVER RIGHT DOORS
LATCH-DOOR-PASSENGER (8W-39-4) (8W-61-3)
Z463 20 BK/LB
Z461 20 BK/DG
QUAD CAB
EXCEPT QUAD CAB
4
S313 (8W-15-24)
S312 (8W-15-24)
S338 (8W-61-3)
P392 18 LG/DB
Z463 20 BK/LB
Z461 20 BK/DG
10 C304
10 C301
10 C302
Z75 20 BK/VT
Z74 20 BK/WT
P392 18 LG/DB
S311 (8W-15-25)
Z917 18 BK
G303 (8W-15-25)
◆◆ QUAD CAB

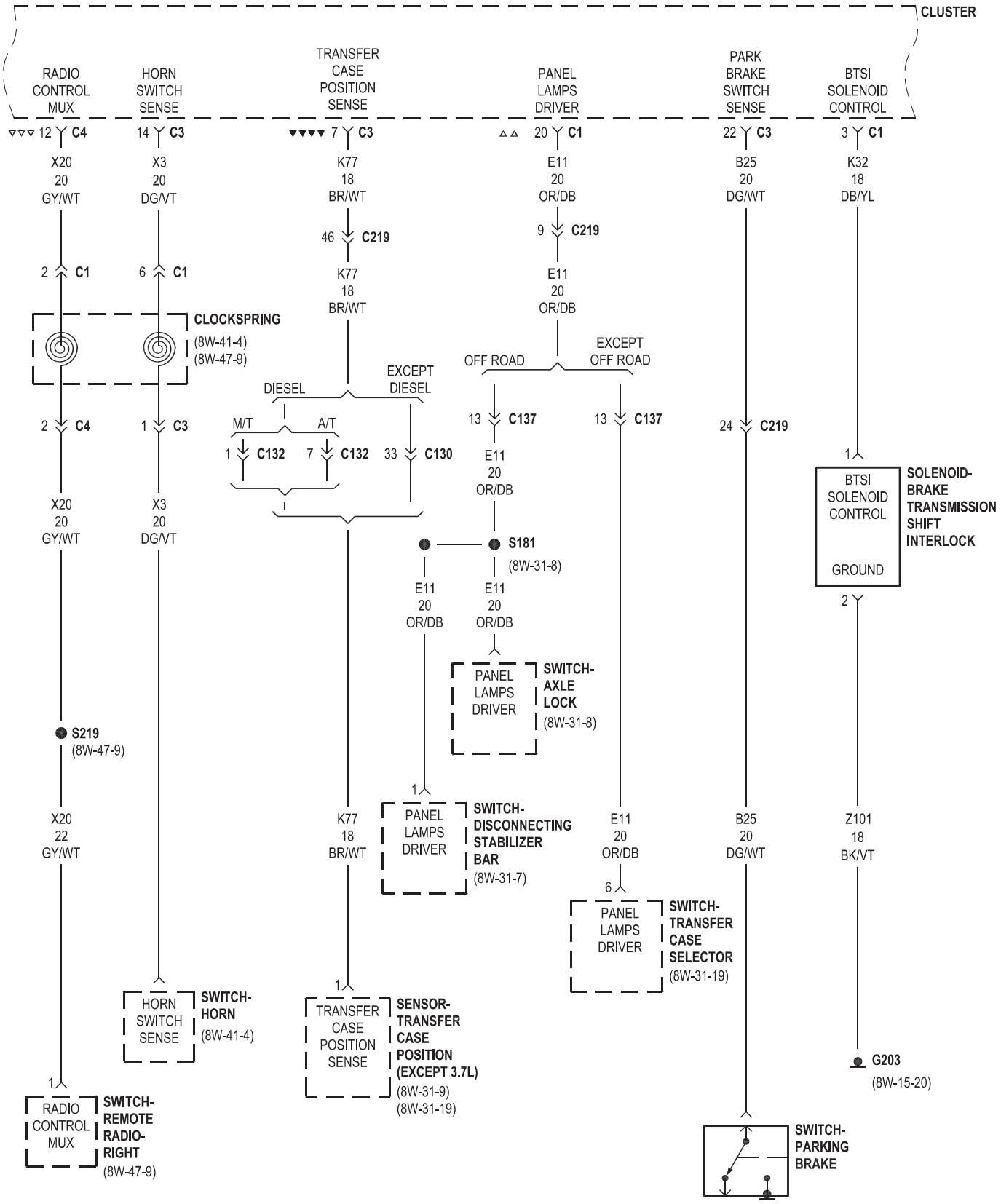

CLUSTER
DOOR LOCK DRIVER LEFT DOORS
LEFT REAR DOOR AJAR SWITCH SENSE
DOOR UNLOCK DRIVER LEFT REAR
DRIVER DOOR AJAR SWITCH SENSE
DOOR UNLOCK DRIVER LEFT FRONT
DRIVER DOOR LOCK SWITCH MUX
10 C1
2 C3
23 C1
1 C3
1 C1
3 C4
P393 18 LG
G77 20 VT/GY
P5 18 TN/OR
G75 20 VT
P1 18 TN/LG
G161 20 VT/DG
17
6
11
5
20
18 C220
P393 18 LG
G77 20 VT/OR
P5 18 TN/OR
G75 20 VT
P1 18 TN
G161 20 VT/DG
2
4 C306
1 C304
6
10 C305
STD CAB
QUAD CAB
G77 20 VT/GY
P5 18 TN/OR
G75 20 VT
P1 18 TN/LG
G161 20 VT/DG
1
3
1
3
DRIVER DOOR AJAR SWITCH SENSE
DOOR UNLOCK DRIVER LEFT FRONT
DOOR LOCK DRIVER LEFT DOORS
LATCH-DOOR-LEFT REAR
(8W-39-5)
(8W-61-3)
DRIVER DOOR AJAR SWITCH SENSE
DOOR UNLOCK DRIVER LEFT FRONT
DOOR LOCK DRIVER LEFT DOORS
LATCH-DOOR-DRIVER
(8W-39-5)
(8W-61-2)
7 C1
DRIVER DOOR LOCK SWITCH MUX
SWITCH-WINDOW/DOOR LOCK-DRIVER
(8W-61-2)
4
P393 18 LG
3 C306
4
P393 18 LG
4 C305
P393 18 LG
P393 18 LG
P393 18 LG
QUAD CAB
STD CAB
P393 18 LG
S321

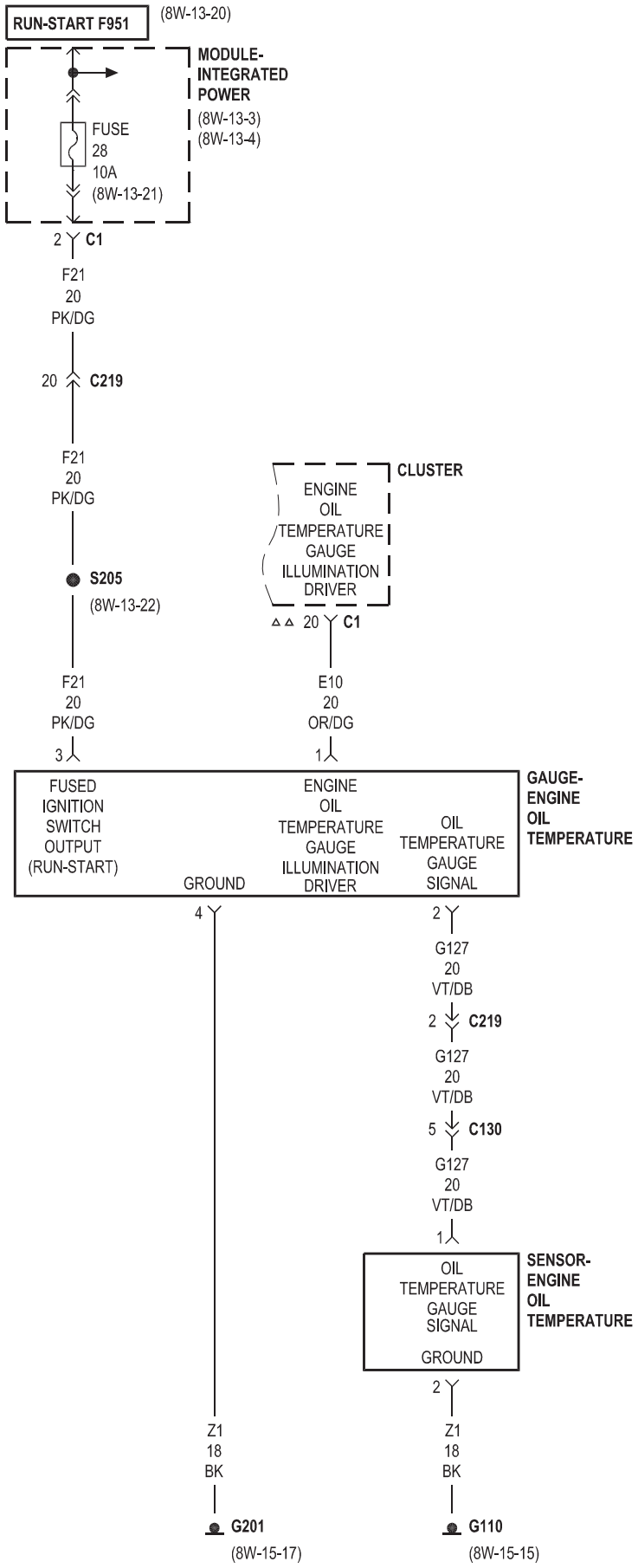
◆◆ QUAD CAB



△△ SLT/SRT

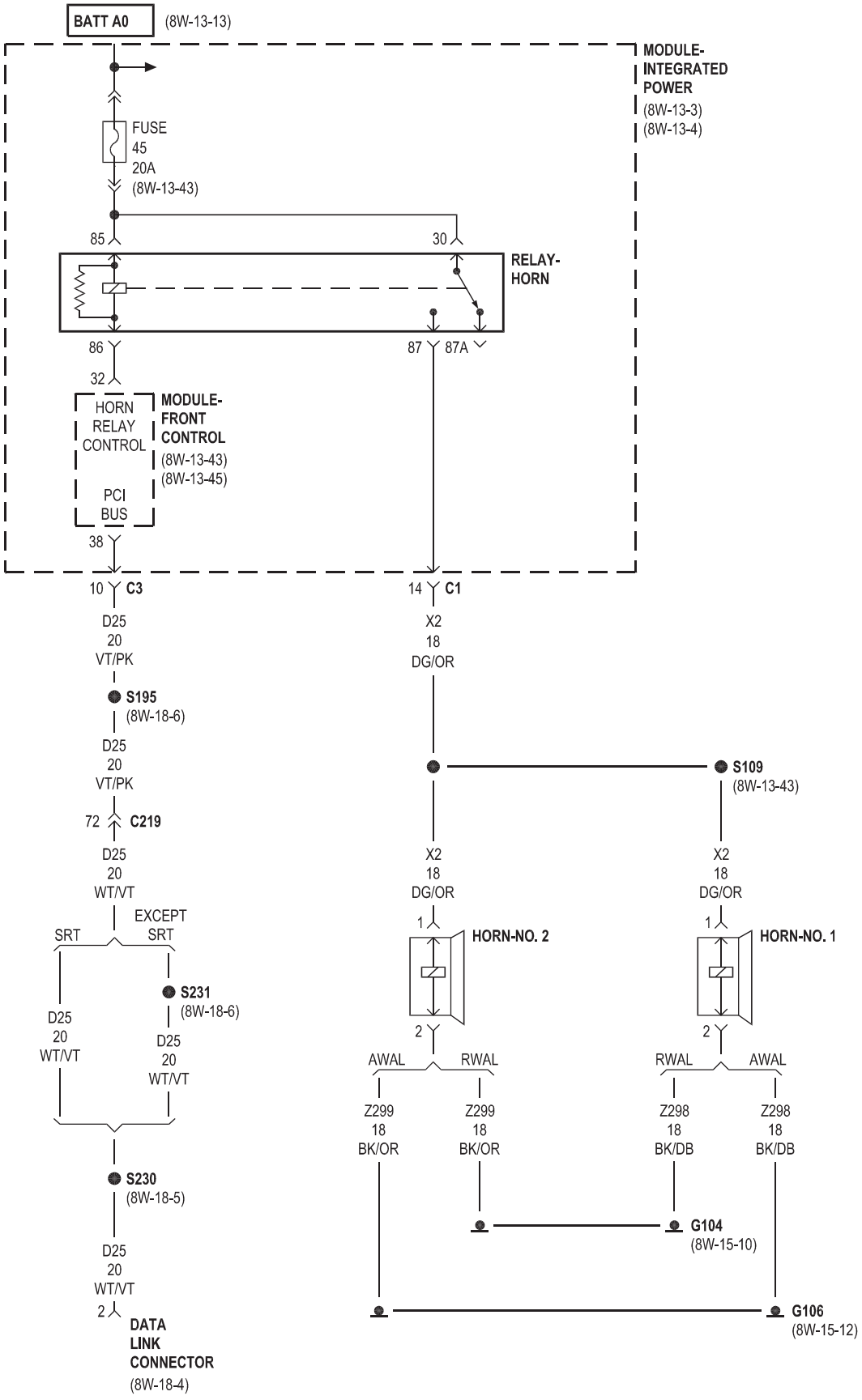
△△△ SLT+/SRT

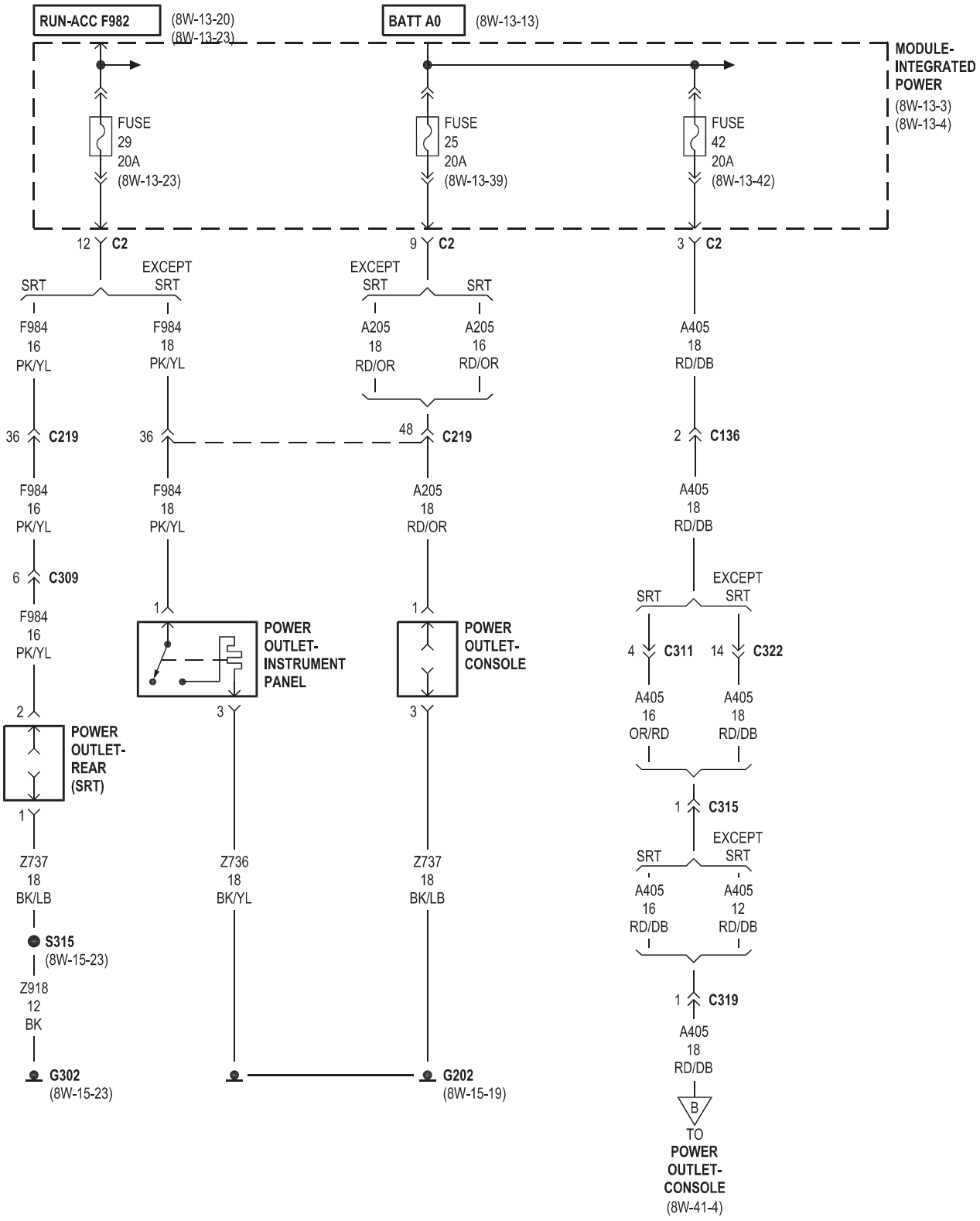

CLUSTER
RADIO CONTROL MUX
HORN SWITCH SENSE
TRANSFER CASE POSITION SENSE
PANEL LAMPS DRIVER
PARK BRAKE SWITCH SENSE
BTSI SOLENOID CONTROL
▽▽▽ 12 C4
14 C3
▼▼▼▼ 7 C3
△△ 20 C1
22 C3
3 C1
X20 20 GY/WT
X3 20 DG/VT
K77 18 BR/WT
E11 20 OR/DB
B25 20 DG/WT
K32 18 DB/YL
46 C219
9 C219
2 C1
6 C1
CLOCKSPRING
(8W-41-4)
(8W-47-9)
OFF ROAD
EXCEPT OFF ROAD
DIESEL
EXCEPT DIESEL
M/T
A/T
13 C137
24 C219
1 C132
7 C132
33 C130
BTSI SOLENOID CONTROL
GROUND
SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK
S181
(8W-31-8)
PANEL LAMPS DRIVER
SWITCH-AXLE LOCK
(8W-31-8)
S219
(8W-47-9)
SWITCH-DISCONNECTING STABILIZER BAR
(8W-31-7)
SWITCH-TRANSFER CASE SELECTOR
(8W-31-19)
HORN SWITCH SENSE
SWITCH-HORN
(8W-41-4)
TRANSFER CASE POSITION SENSE
SENSOR-TRANSFER CASE POSITION (EXCEPT 3.7L)
(8W-31-9)
(8W-31-19)
RADIO CONTROL MUX
SWITCH-REMOTE RADIO-RIGHT
(8W-47-9)
Z101 18 BK/VT
G203
(8W-15-20)
SWITCH-PARKING BRAKE
△△ SLT/SRT
▼▼▼▼ EXCEPT SRT
▽▽▽ PREMIUM

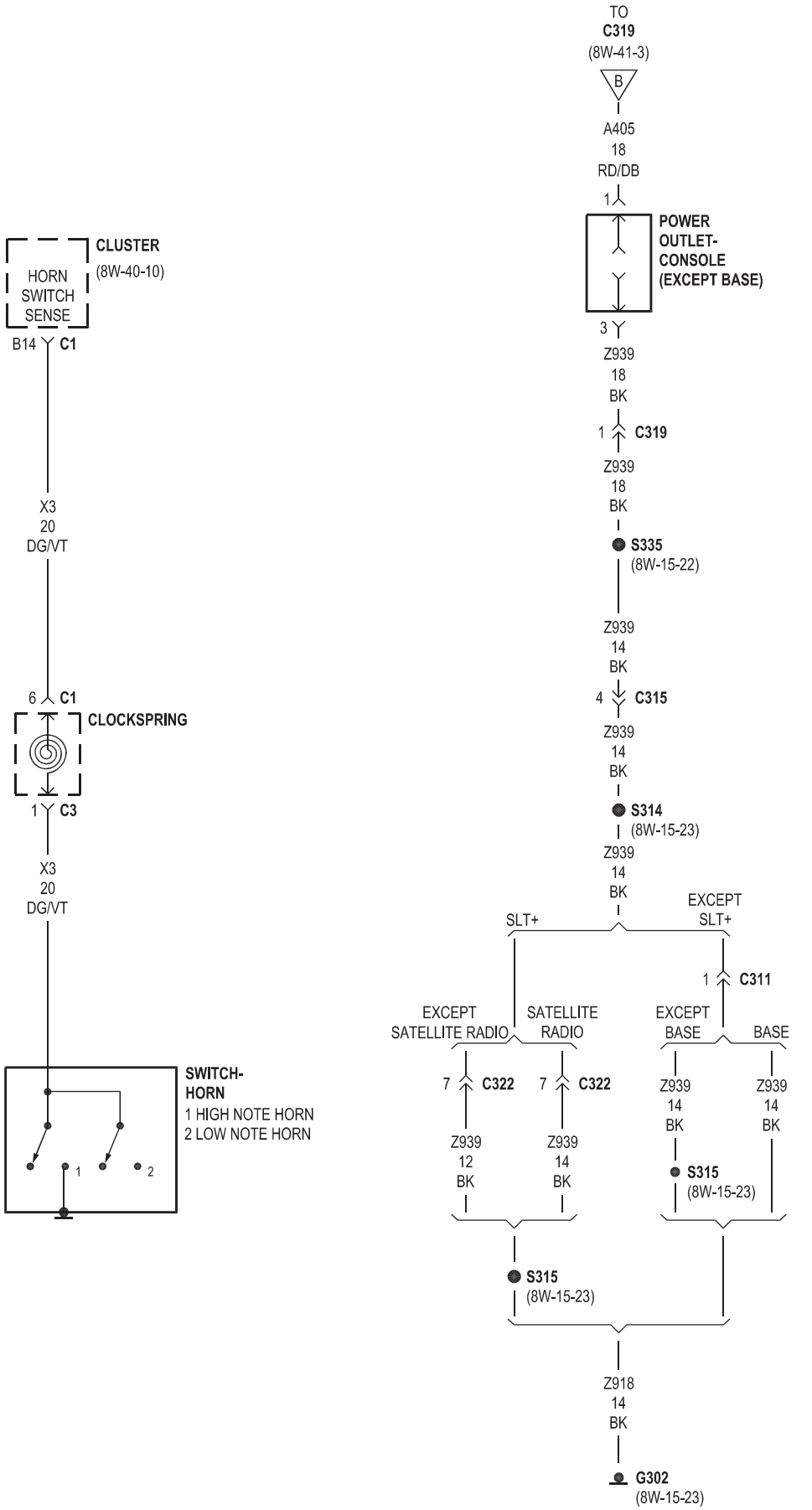

RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 28 10A
(8W-13-21)
2 C1
F21 20 PK/DG
20 C219
F21 20 PK/DG
S205
(8W-13-22)
F21 20 PK/DG
3
CLUSTER
ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
△△ 20 C1
E10 20 OR/DG
1
FUSED IGNITION SWITCH OUTPUT (RUN-START)
GROUND
ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
OIL TEMPERATURE GAUGE SIGNAL
GAUGE-ENGINE OIL TEMPERATURE
4
2
G127 20 VT/DB
2 C219
G127 20 VT/DB
5 C130
G127 20 VT/DB
1
OIL TEMPERATURE GAUGE SIGNAL
GROUND
SENSOR-ENGINE OIL TEMPERATURE
2
Z1 18 BK
Z1 18 BK
G201
(8W-15-17)
G110
(8W-15-15)
△△ SLT/SRT

8W-41 HORN/CIGAR LIGHTER/POWER OUTLET

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

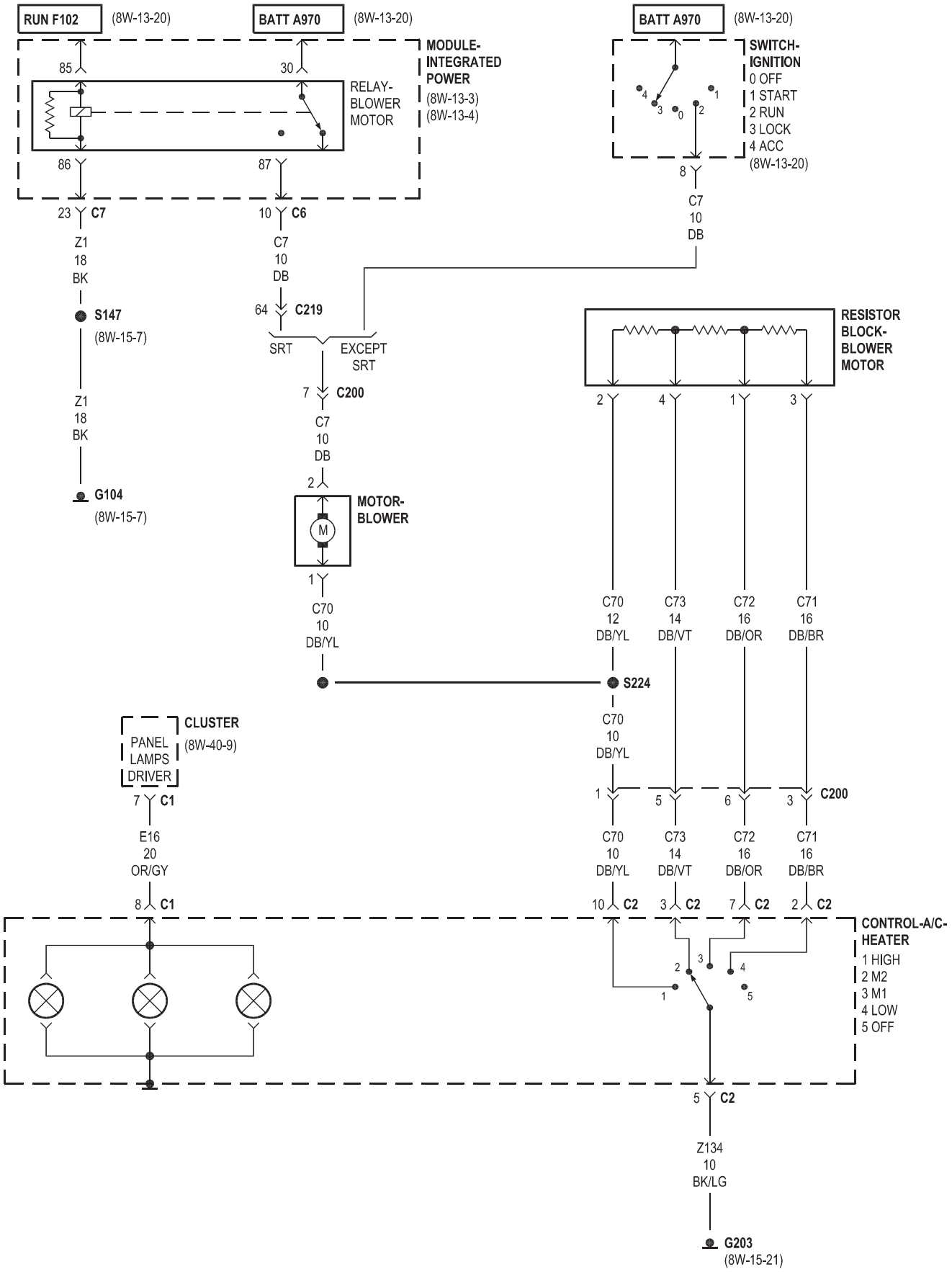

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
45
20A
(8W-13-43)
85
30
RELAY-
HORN
86
87
87A
32
HORN
RELAY
CONTROL
MODULE-
FRONT
CONTROL
(8W-13-43)
(8W-13-45)
PCI
BUS
38
10
C3
14
C1
D25
20
VT/PK
X2
18
DG/OR
S195
(8W-18-6)
D25
20
VT/PK
S109
(8W-13-43)
72
C219
D25
20
WT/VT
X2
18
DG/OR
X2
18
DG/OR
EXCEPT
SRT
SRT
1
HORN-NO. 2
1
HORN-NO. 1
S231
(8W-18-6)
D25
20
WT/VT
D25
20
WT/VT
2
2
AWAL
RWAL
RWAL
AWAL
Z299
18
BK/OR
Z299
18
BK/OR
Z298
18
BK/DB
Z298
18
BK/DB
S230
(8W-18-5)
G104
(8W-15-10)
D25
20
WT/VT
2
DATA
LINK
CONNECTOR
(8W-18-4)
G106
(8W-15-12)

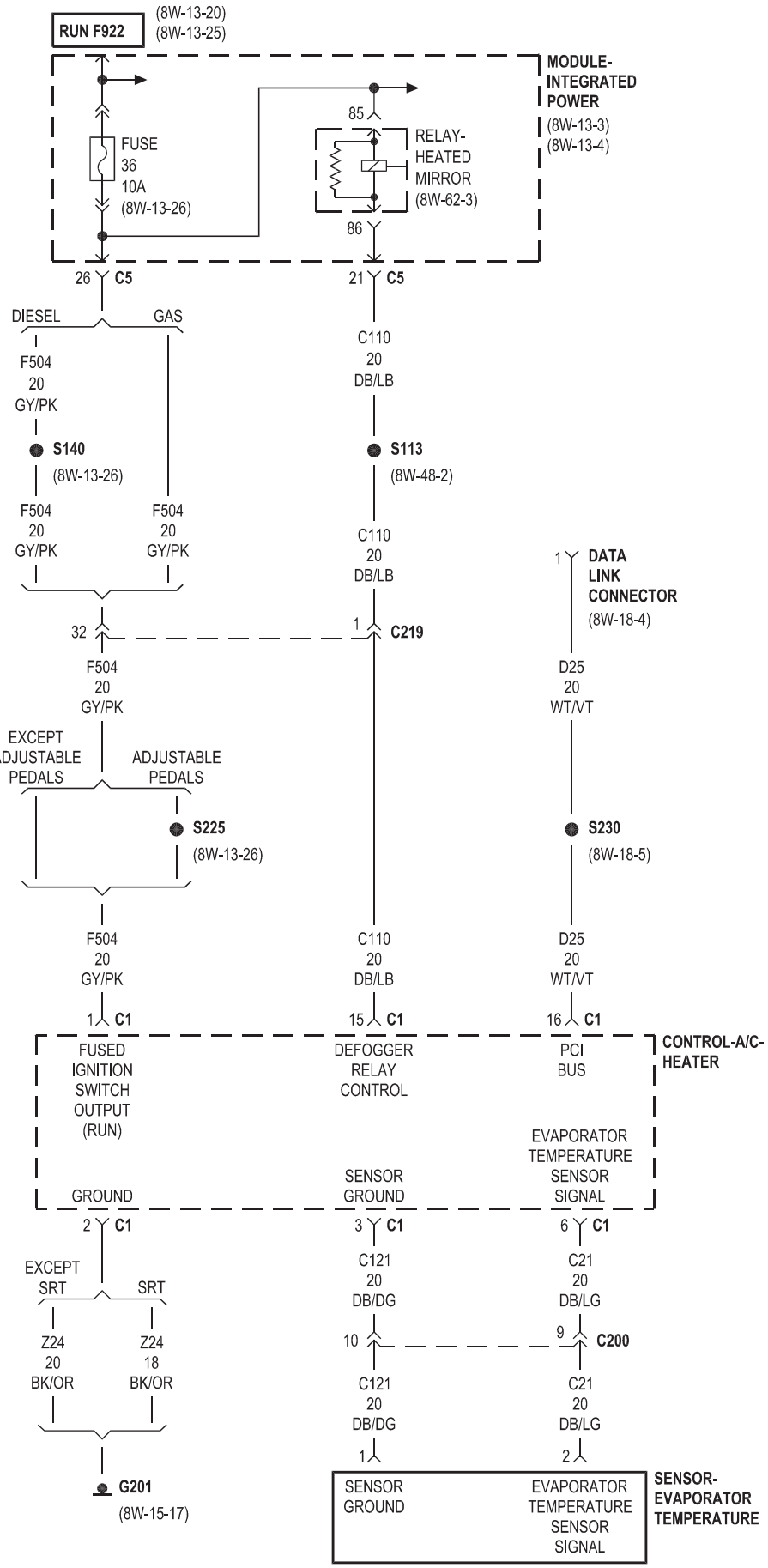

RUN-ACC F982
(8W-13-20)
(8W-13-23)
BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 29 20A (8W-13-23)
FUSE 25 20A (8W-13-39)
FUSE 42 20A (8W-13-42)
12 C2
9 C2
3 C2
EXCEPT SRT
SRT
F984 16 PK/YL
F984 18 PK/YL
A205 18 RD/OR
A205 16 RD/OR
A405 18 RD/DB
36 C219
48 C219
2 C136
6 C309
1
POWER OUTLET-INSTRUMENT PANEL
POWER OUTLET-CONSOLE
2
POWER OUTLET-REAR (SRT)
3
4 C311
14 C322
A405 16 OR/RD
A405 18 RD/DB
1 C315
A405 16 RD/DB
A405 12 RD/DB
1 C319
Z737 18 BK/LB
Z736 18 BK/YL
S315
(8W-15-23)
Z918 12 BK
G302
(8W-15-23)
G202
(8W-15-19)
B
TO POWER OUTLET-CONSOLE
(8W-41-4)


TO
C319
(8W-41-3)
B
A405
18
RD/DB
1
POWER
OUTLET-
CONSOLE
(EXCEPT BASE)
3
Z939
18
BK
1
C319
Z939
18
BK
S335
(8W-15-22)
Z939
14
BK
4
C315
Z939
14
BK
S314
(8W-15-23)
Z939
14
BK
SLT+
EXCEPT
SLT+
1
C311
EXCEPT
SATELLITE RADIO
SATELLITE
RADIO
EXCEPT
BASE
BASE
7
C322
7
C322
Z939
14
BK
Z939
14
BK
Z939
12
BK
Z939
14
BK
S315
(8W-15-23)
S315
(8W-15-23)
Z918
14
BK
G302
(8W-15-23)
CLUSTER
(8W-40-10)
HORN
SWITCH
SENSE
B14
C1
X3
20
DG/VT
6
C1
CLOCKSPRING
1
C3
X3
20
DG/VT
SWITCH-
HORN
1 HIGH NOTE HORN
2 LOW NOTE HORN
1
2

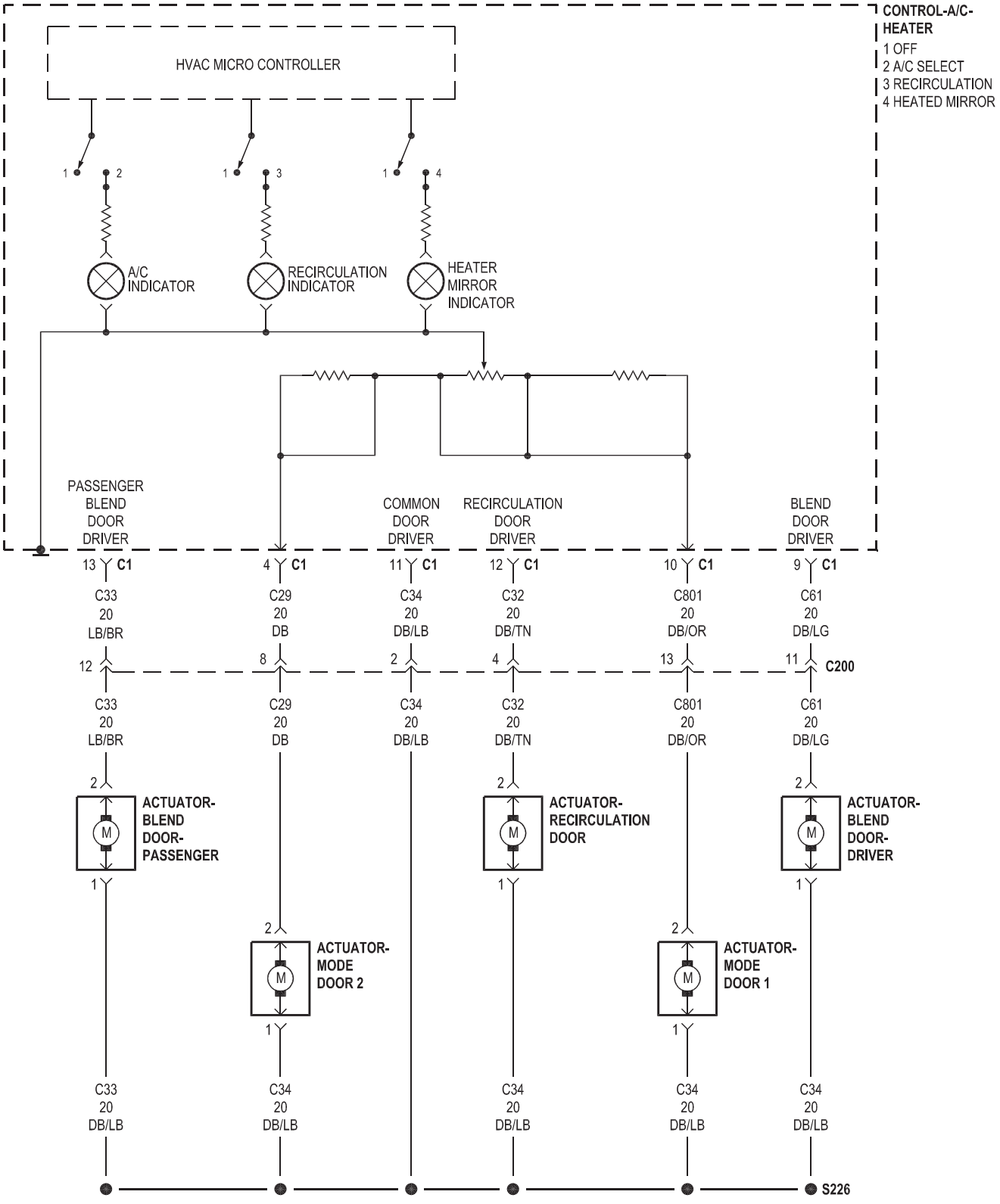
8W-42 AIR CONDITIONING

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

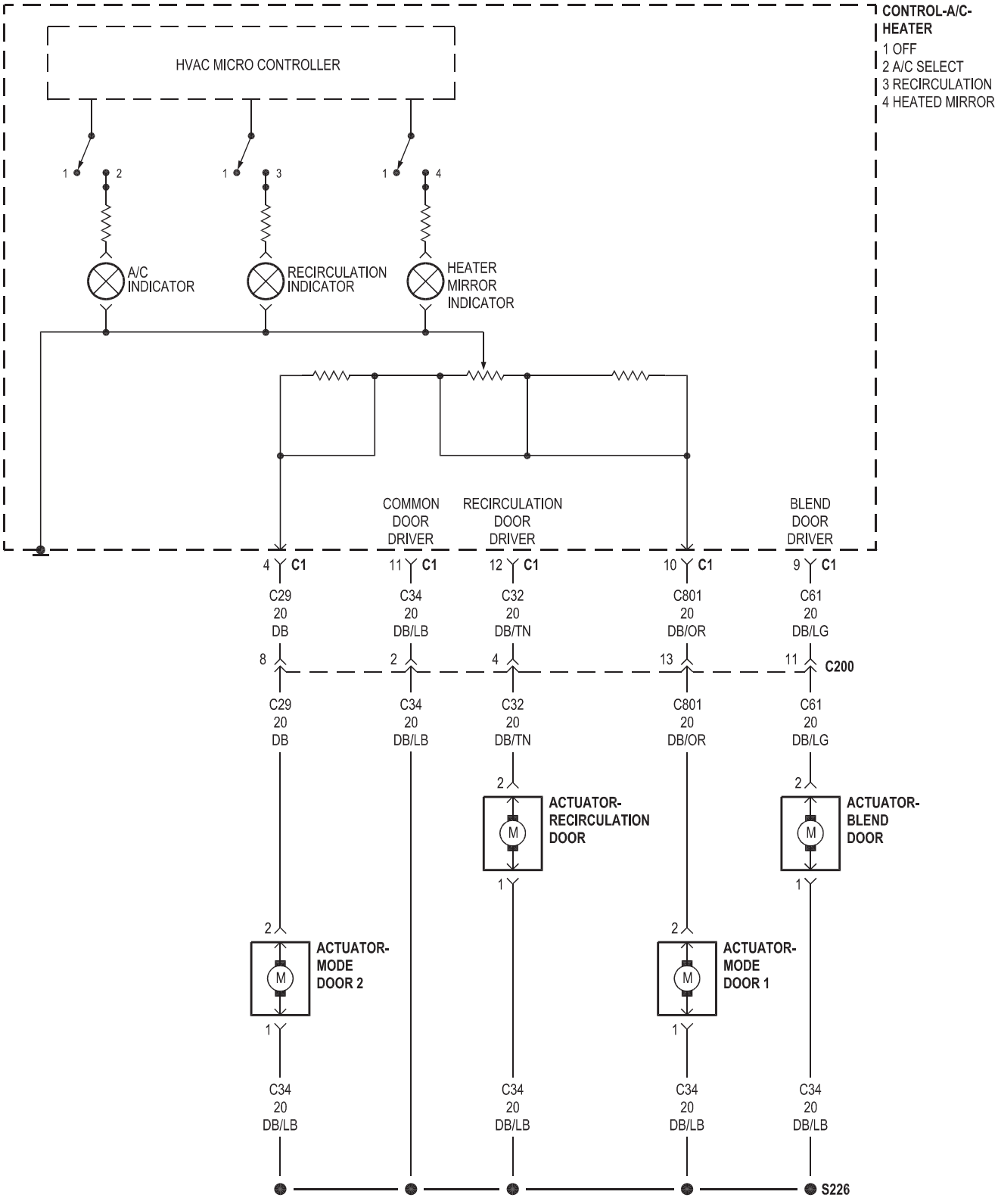

RUN F102
(8W-13-20)
BATT A970
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
85
30
RELAY-BLOWER MOTOR
86
87
23 C7
10 C6
Z1
18
BK
S147
(8W-15-7)
Z1
18
BK
G104
(8W-15-7)
C7
10
DB
64 C219
SRT
EXCEPT SRT
7 C200
C7
10
DB
2
MOTOR-BLOWER
M
1
C70
10
DB/YL
BATT A970
(8W-13-20)
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-13-20)
8
C7
10
DB
RESISTOR BLOCK-BLOWER MOTOR
2
4
1
3
C70
12
DB/YL
C73
14
DB/VT
C72
16
DB/OR
C71
16
DB/BR
S224
C70
10
DB/YL
1
5
6
3
C200
C70
10
DB/YL
C73
14
DB/VT
C72
16
DB/OR
C71
16
DB/BR
10 C2
3 C2
7 C2
2 C2
CLUSTER
PANEL LAMPS DRIVER
(8W-40-9)
7 C1
E16
20
OR/GY
8 C1
CONTROL-A/C-HEATER
1 HIGH
2 M2
3 M1
4 LOW
5 OFF
5 C2
Z134
10
BK/LG
G203
(8W-15-21)

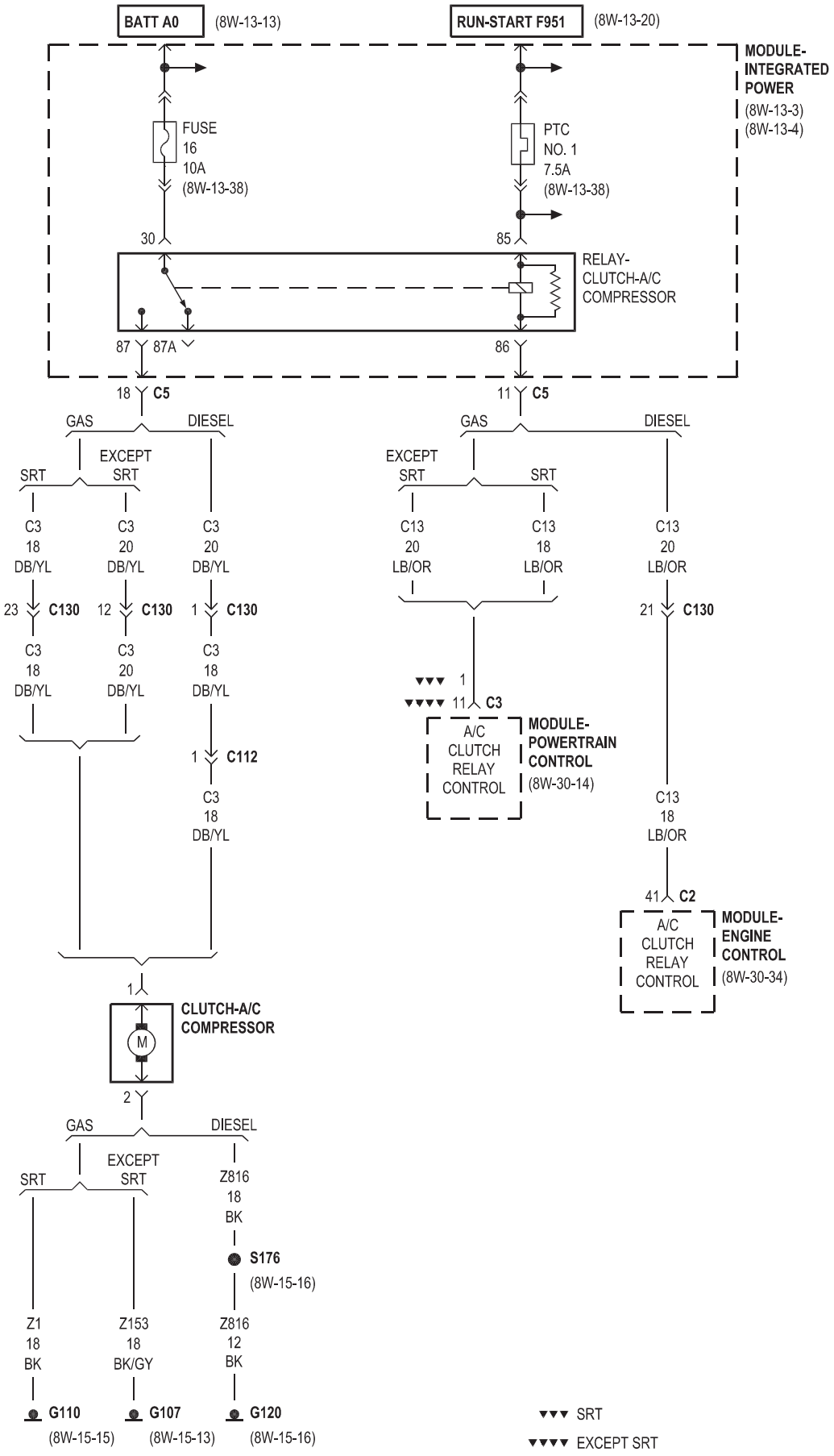

RUN F922
(8W-13-20)
(8W-13-25)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
36
10A
(8W-13-26)
85
RELAY-
HEATED
MIRROR
(8W-62-3)
86
26 C5
21 C5
DIESEL
GAS
F504
20
GY/PK
S140
(8W-13-26)
C110
20
DB/LB
S113
(8W-48-2)
1 DATA
LINK
CONNECTOR
(8W-18-4)
32
1 C219
EXCEPT
ADJUSTABLE
PEDALS
ADJUSTABLE
PEDALS
S225
(8W-13-26)
D25
20
WT/VT
S230
(8W-18-5)
1 C1
15 C1
16 C1
CONTROL-A/C-
HEATER
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
DEFOGGER
RELAY
CONTROL
PCI
BUS
EVAPORATOR
TEMPERATURE
SENSOR
SIGNAL
GROUND
SENSOR
GROUND
2 C1
3 C1
6 C1
C121
20
DB/DG
C21
20
DB/LG
EXCEPT
SRT
SRT
Z24
20
BK/OR
Z24
18
BK/OR
10
9 C200
G201
(8W-15-17)
SENSOR-
EVAPORATOR
TEMPERATURE

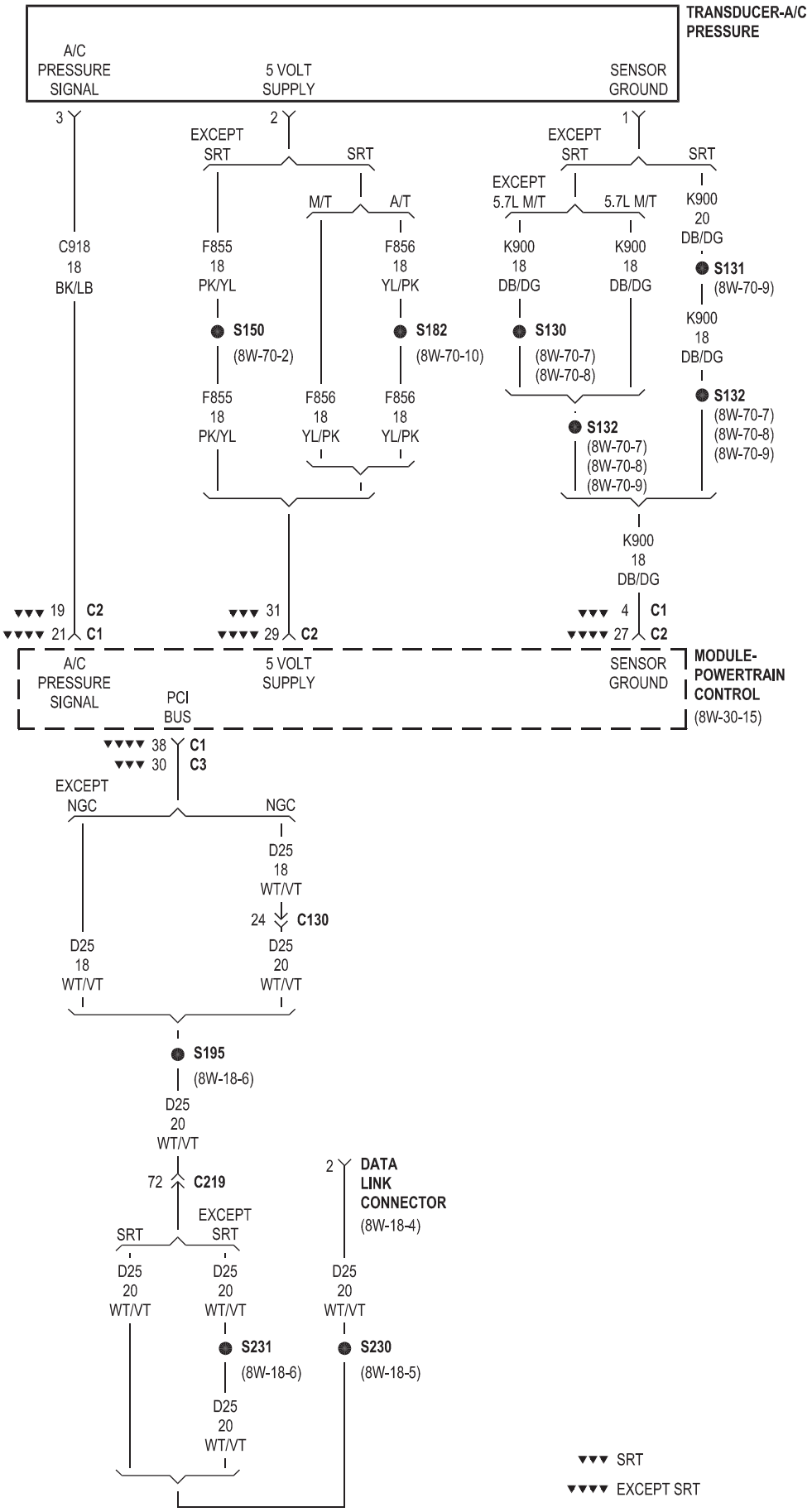
DUAL ZONE

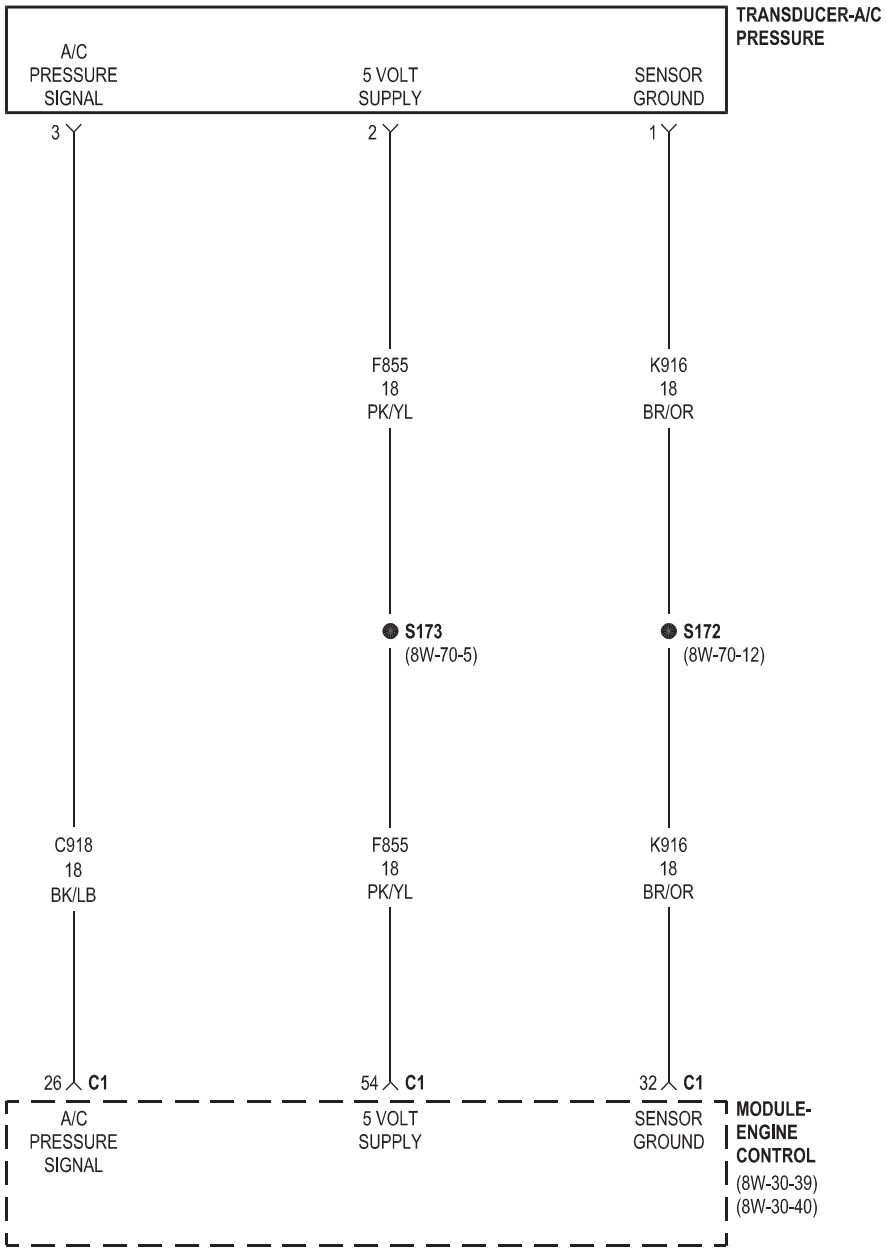

CONTROL-A/C-HEATER
1 OFF
2 A/C SELECT
3 RECIRCULATION
4 HEATED MIRROR
HVAC MICRO CONTROLLER
A/C INDICATOR
RECIRCULATION INDICATOR
HEATER MIRROR INDICATOR
PASSENGER BLEND DOOR DRIVER
COMMON DOOR DRIVER
RECIRCULATION DOOR DRIVER
BLEND DOOR DRIVER
C33 20 LB/BR
C29 20 DB
C34 20 DB/LB
C32 20 DB/TN
C801 20 DB/OR
C61 20 DB/LG
C200
ACTUATOR- BLEND DOOR- PASSENGER
ACTUATOR- MODE DOOR 2
ACTUATOR- RECIRCULATION DOOR
ACTUATOR- MODE DOOR 1
ACTUATOR- BLEND DOOR- DRIVER
S226

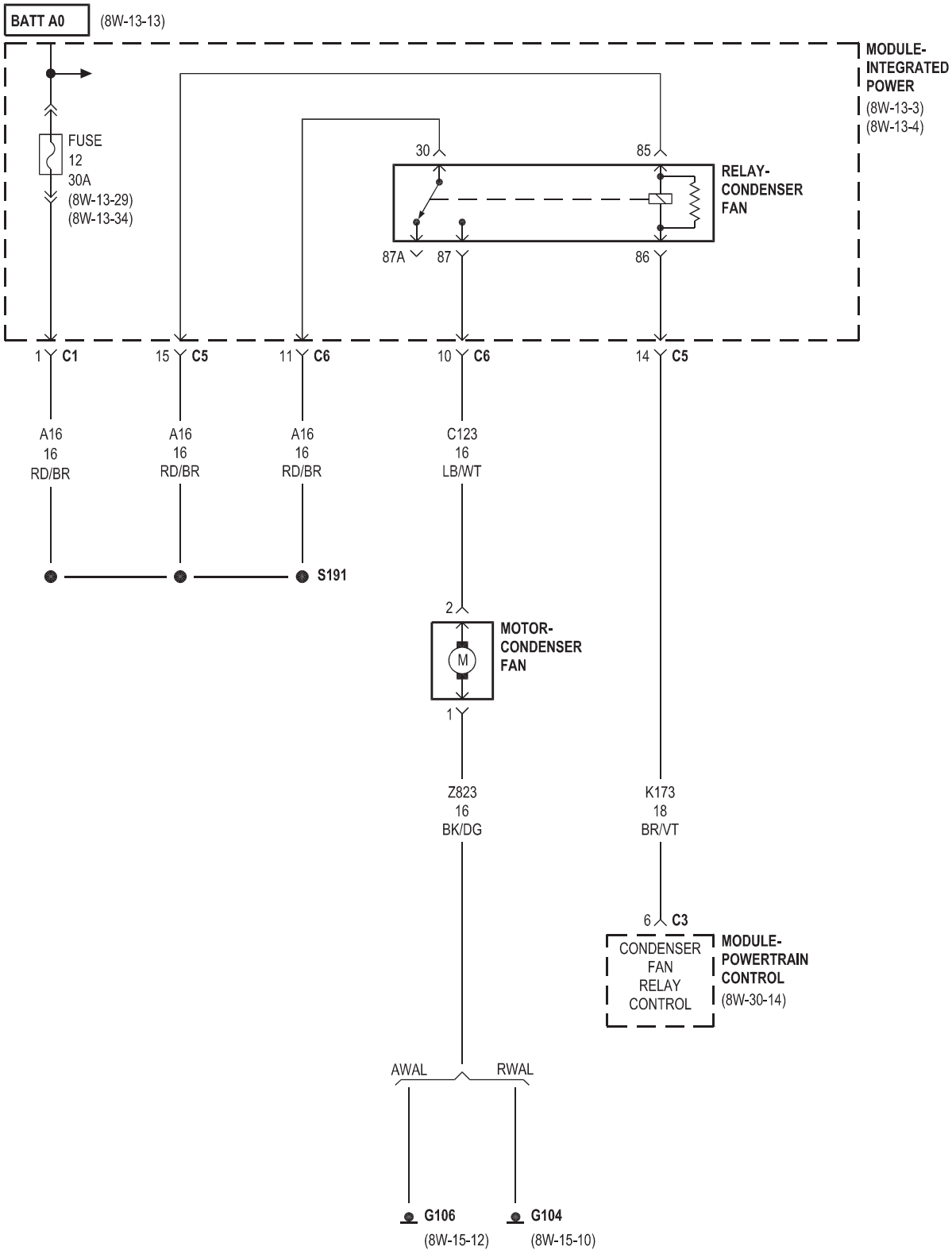
SINGLE ZONE


CONTROL-A/C-HEATER
1 OFF
2 A/C SELECT
3 RECIRCULATION
4 HEATED MIRROR
HVAC MICRO CONTROLLER
1 2
1 3
1 4
A/C INDICATOR
RECIRCULATION INDICATOR
HEATER MIRROR INDICATOR
COMMON DOOR DRIVER
RECIRCULATION DOOR DRIVER
BLEND DOOR DRIVER
4 C1
11 C1
12 C1
10 C1
9 C1
C29 20 DB
C34 20 DB/LB
C32 20 DB/TN
C801 20 DB/OR
C61 20 DB/LG
8
2
4
13
11 C200
ACTUATOR- RECIRCULATION DOOR
ACTUATOR- BLEND DOOR
ACTUATOR- MODE DOOR 2
ACTUATOR- MODE DOOR 1
M
S226


BATT A0
(8W-13-13)
RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 16 10A (8W-13-38)
PTC NO. 1 7.5A (8W-13-38)
30
85
RELAY-CLUTCH-A/C COMPRESSOR
87
87A
86
18 C5
11 C5
GAS
DIESEL
EXCEPT SRT
SRT
C3 18 DB/YL
C3 20 DB/YL
C3 20 DB/YL
23 C130
12 C130
1 C130
C3 18 DB/YL
C3 20 DB/YL
C3 18 DB/YL
1 C112
C3 18 DB/YL
C13 20 LB/OR
C13 18 LB/OR
C13 20 LB/OR
21 C130
1
11 C3
A/C CLUTCH RELAY CONTROL
MODULE-POWERTRAIN CONTROL
(8W-30-14)
C13 18 LB/OR
41 C2
A/C CLUTCH RELAY CONTROL
MODULE-ENGINE CONTROL
(8W-30-34)
1
M
CLUTCH-A/C COMPRESSOR
2
Z816 18 BK
S176
(8W-15-16)
Z1 18 BK
Z153 18 BK/GY
Z816 12 BK
G110
(8W-15-15)
G107
(8W-15-13)
G120
(8W-15-16)
SRT
EXCEPT SRT

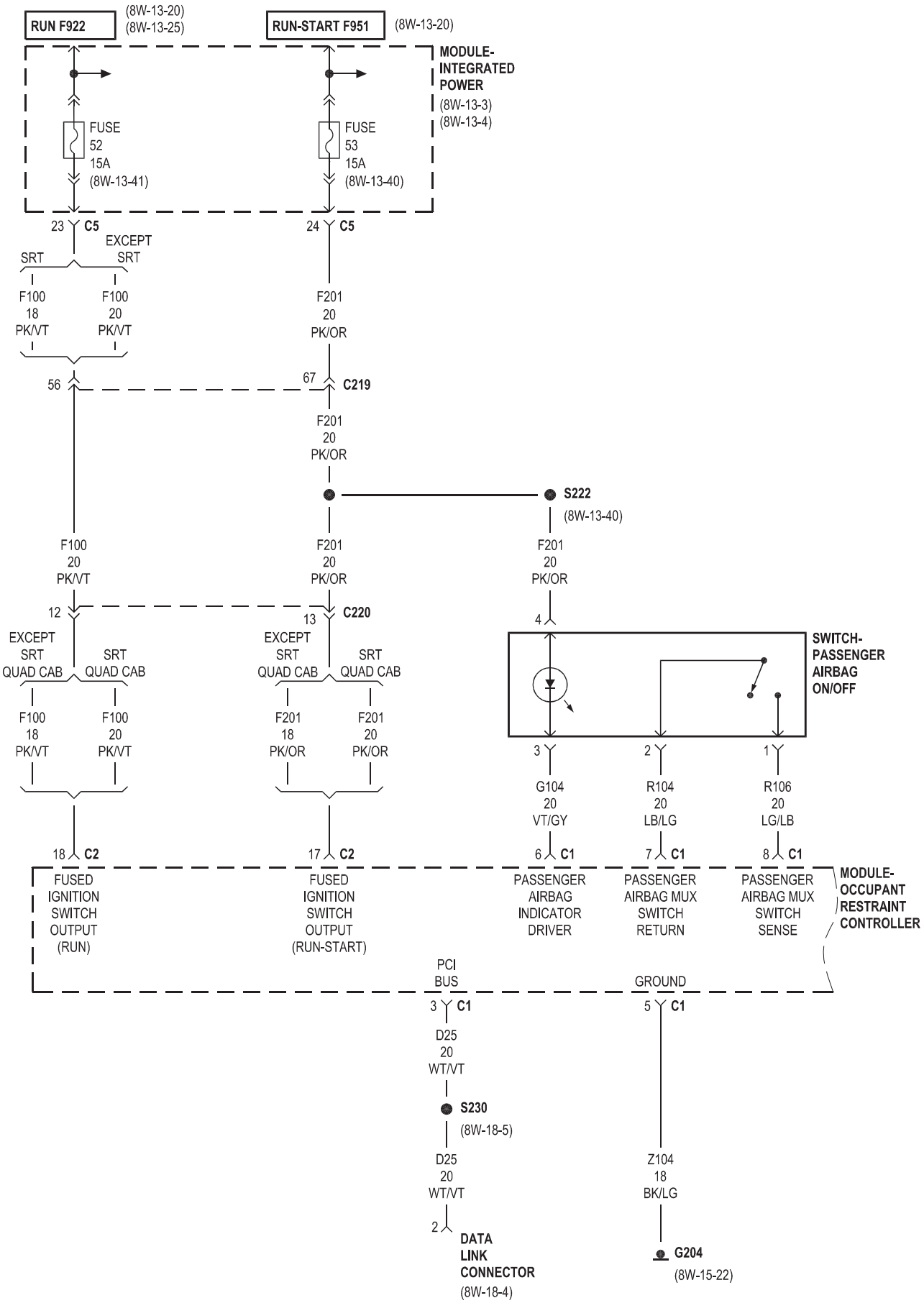

TRANSDUCER-A/C PRESSURE
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
3
2
1
EXCEPT SRT
SRT
EXCEPT SRT
SRT
M/T
A/T
EXCEPT 5.7L M/T
5.7L M/T
K900 20 DB/DG
C918 18 BK/LB
F855 18 PK/YL
F856 18 YL/PK
K900 18 DB/DG
K900 18 DB/DG
S131 (8W-70-9)
S150 (8W-70-2)
S182 (8W-70-10)
S130 (8W-70-7) (8W-70-8)
K900 18 DB/DG
F855 18 PK/YL
F856 18 YL/PK
F856 18 YL/PK
S132 (8W-70-7) (8W-70-8) (8W-70-9)
S132 (8W-70-7) (8W-70-8) (8W-70-9)
K900 18 DB/DG
19 C2
21 C1
31
29 C2
4 C1
27 C2
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
MODULE-POWERTRAIN CONTROL (8W-30-15)
PCI BUS
38 C1
30 C3
EXCEPT NGC
NGC
D25 18 WT/VT
24 C130
D25 18 WT/VT
D25 20 WT/VT
S195 (8W-18-6)
D25 20 WT/VT
72 C219
2 DATA LINK CONNECTOR (8W-18-4)
EXCEPT SRT
SRT
D25 20 WT/VT
D25 20 WT/VT
D25 20 WT/VT
S231 (8W-18-6)
S230 (8W-18-5)
D25 20 WT/VT
SRT
EXCEPT SRT

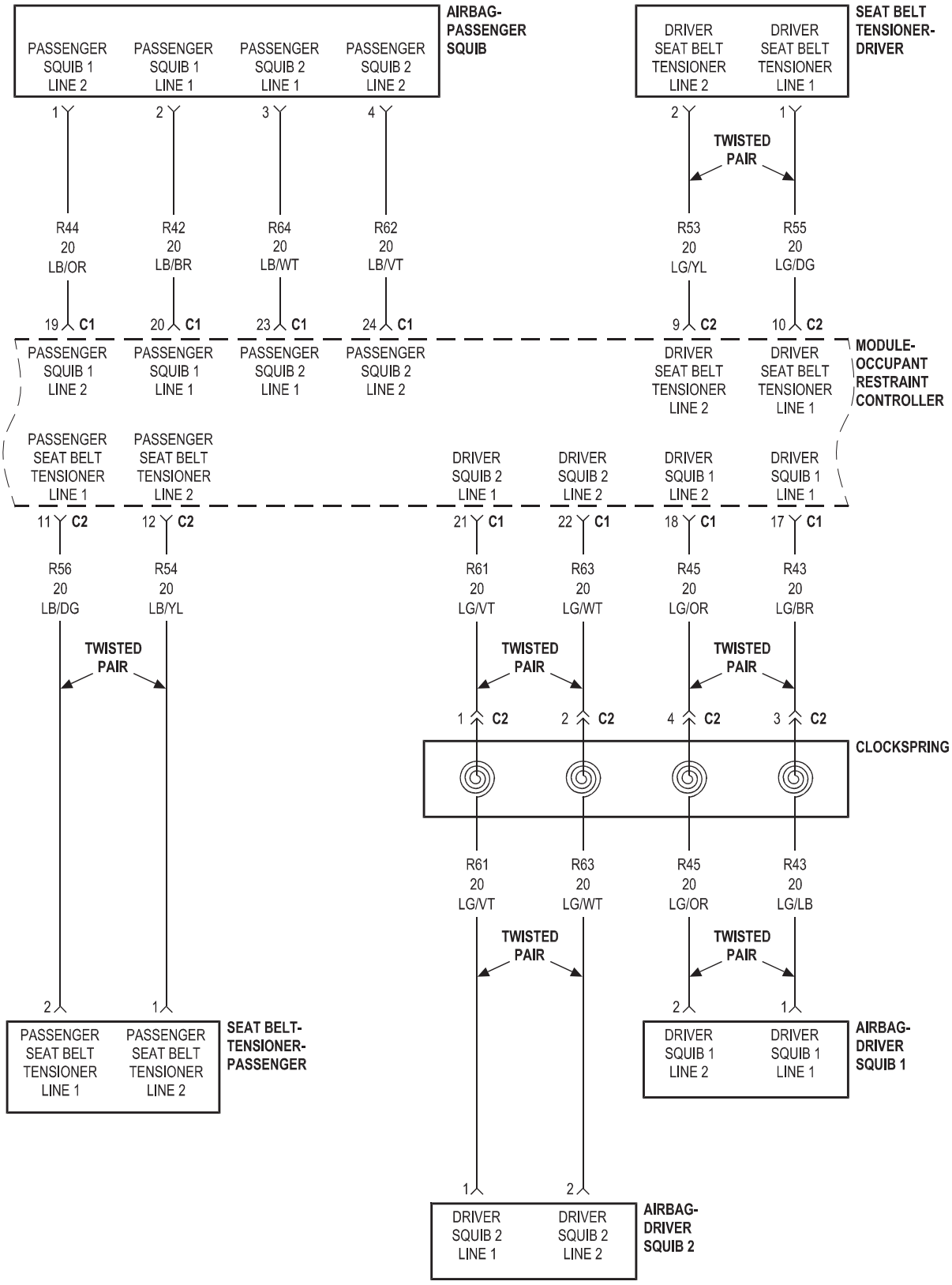

TRANSDUCER-A/C PRESSURE
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
3
2
1
F855 18 PK/YL
K916 18 BR/OR
S173 (8W-70-5)
S172 (8W-70-12)
C918 18 BK/LB
F855 18 PK/YL
K916 18 BR/OR
26 C1
54 C1
32 C1
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
MODULE-ENGINE CONTROL
(8W-30-39)
(8W-30-40)


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
12
30A
(8W-13-29)
(8W-13-34)
30
85
RELAY-
CONDENSER
FAN
87A
87
86
1 C1
15 C5
11 C6
10 C6
14 C5
A16
16
RD/BR
A16
16
RD/BR
A16
16
RD/BR
C123
16
LB/WT
S191
2
M
MOTOR-
CONDENSER
FAN
1
Z823
16
BK/DG
K173
18
BR/VT
6 C3
CONDENSER
FAN
RELAY
CONTROL
MODULE-
POWERTRAIN
CONTROL
(8W-30-14)
AWAL
RWAL
G106
(8W-15-12)
G104
(8W-15-10)

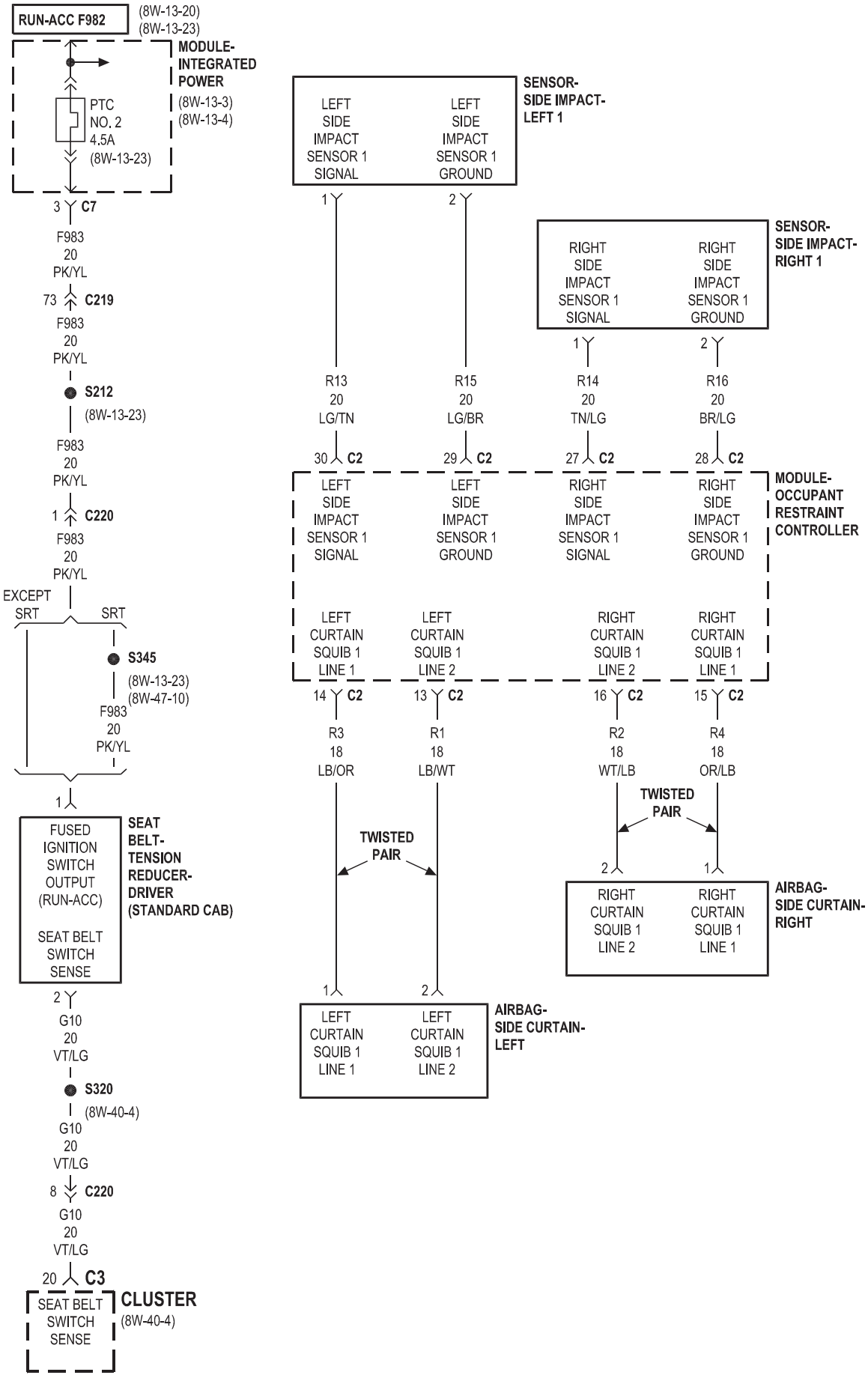
8W-43 OCCUPANT RESTRAINT SYSTEM

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
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


RUN F922
(8W-13-20)
(8W-13-25)
RUN-START F951
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
52
15A
(8W-13-41)
FUSE
53
15A
(8W-13-40)
23 C5
24 C5
EXCEPT
SRT
SRT
F100
18
PK/VT
F100
20
PK/VT
F201
20
PK/OR
56
67 C219
F201
20
PK/OR
S222
(8W-13-40)
F100
20
PK/VT
F201
20
PK/OR
F201
20
PK/OR
12
13 C220
4
EXCEPT
SRT
QUAD CAB
SRT
QUAD CAB
F100
18
PK/VT
F100
20
PK/VT
F201
18
PK/OR
F201
20
PK/OR
SWITCH-
PASSENGER
AIRBAG
ON/OFF
3
2
1
G104
20
VT/GY
R104
20
LB/LG
R106
20
LG/LB
18 C2
17 C2
6 C1
7 C1
8 C1
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
PASSENGER
AIRBAG
INDICATOR
DRIVER
PASSENGER
AIRBAG MUX
SWITCH
RETURN
PASSENGER
AIRBAG MUX
SWITCH
SENSE
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
PCI
BUS
GROUND
3 C1
5 C1
D25
20
WT/VT
S230
(8W-18-5)
D25
20
WT/VT
Z104
18
BK/LG
2
DATA
LINK
CONNECTOR
(8W-18-4)
G204
(8W-15-22)


AIRBAG-PASSENGER SQUIB
PASSENGER SQUIB 1 LINE 2
PASSENGER SQUIB 1 LINE 1
PASSENGER SQUIB 2 LINE 1
PASSENGER SQUIB 2 LINE 2
SEAT BELT TENSIONER-DRIVER
DRIVER SEAT BELT TENSIONER LINE 2
DRIVER SEAT BELT TENSIONER LINE 1
TWISTED PAIR
R44 20 LB/OR
R42 20 LB/BR
R64 20 LB/WT
R62 20 LB/VT
R53 20 LG/YL
R55 20 LG/DG
19 C1
20 C1
23 C1
24 C1
9 C2
10 C2
MODULE-OCCUPANT RESTRAINT CONTROLLER
PASSENGER SEAT BELT TENSIONER LINE 1
PASSENGER SEAT BELT TENSIONER LINE 2
DRIVER SQUIB 2 LINE 1
DRIVER SQUIB 2 LINE 2
DRIVER SQUIB 1 LINE 2
DRIVER SQUIB 1 LINE 1
11 C2
12 C2
21 C1
22 C1
18 C1
17 C1
R56 20 LB/DG
R54 20 LB/YL
R61 20 LG/VT
R63 20 LG/WT
R45 20 LG/OR
R43 20 LG/BR
1 C2
2 C2
4 C2
3 C2
CLOCKSPRING
R61 20 LG/VT
R63 20 LG/WT
R45 20 LG/OR
R43 20 LG/LB
SEAT BELT-TENSIONER-PASSENGER
AIRBAG-DRIVER SQUIB 1
AIRBAG-DRIVER SQUIB 2

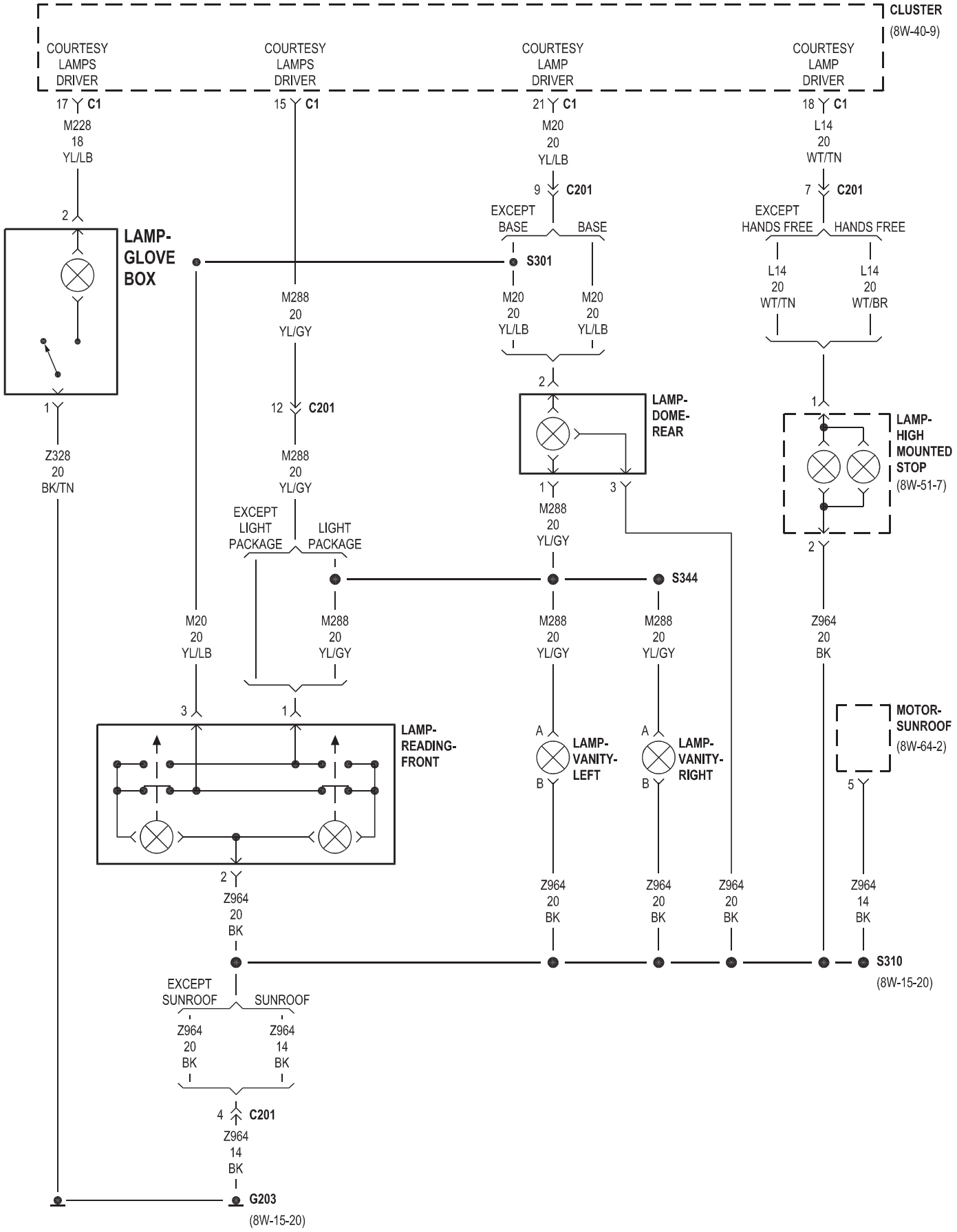
SIDE AIRBAGS

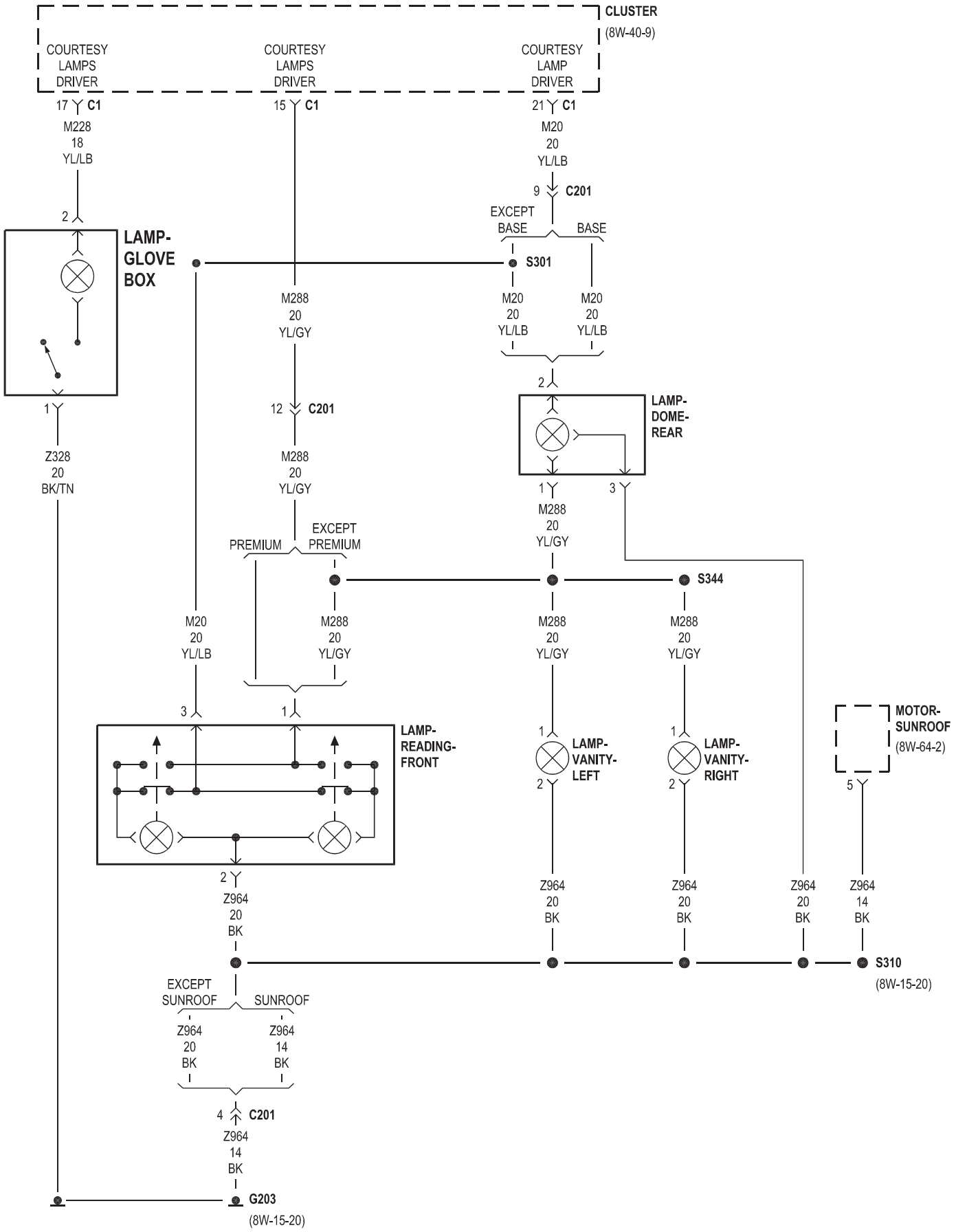


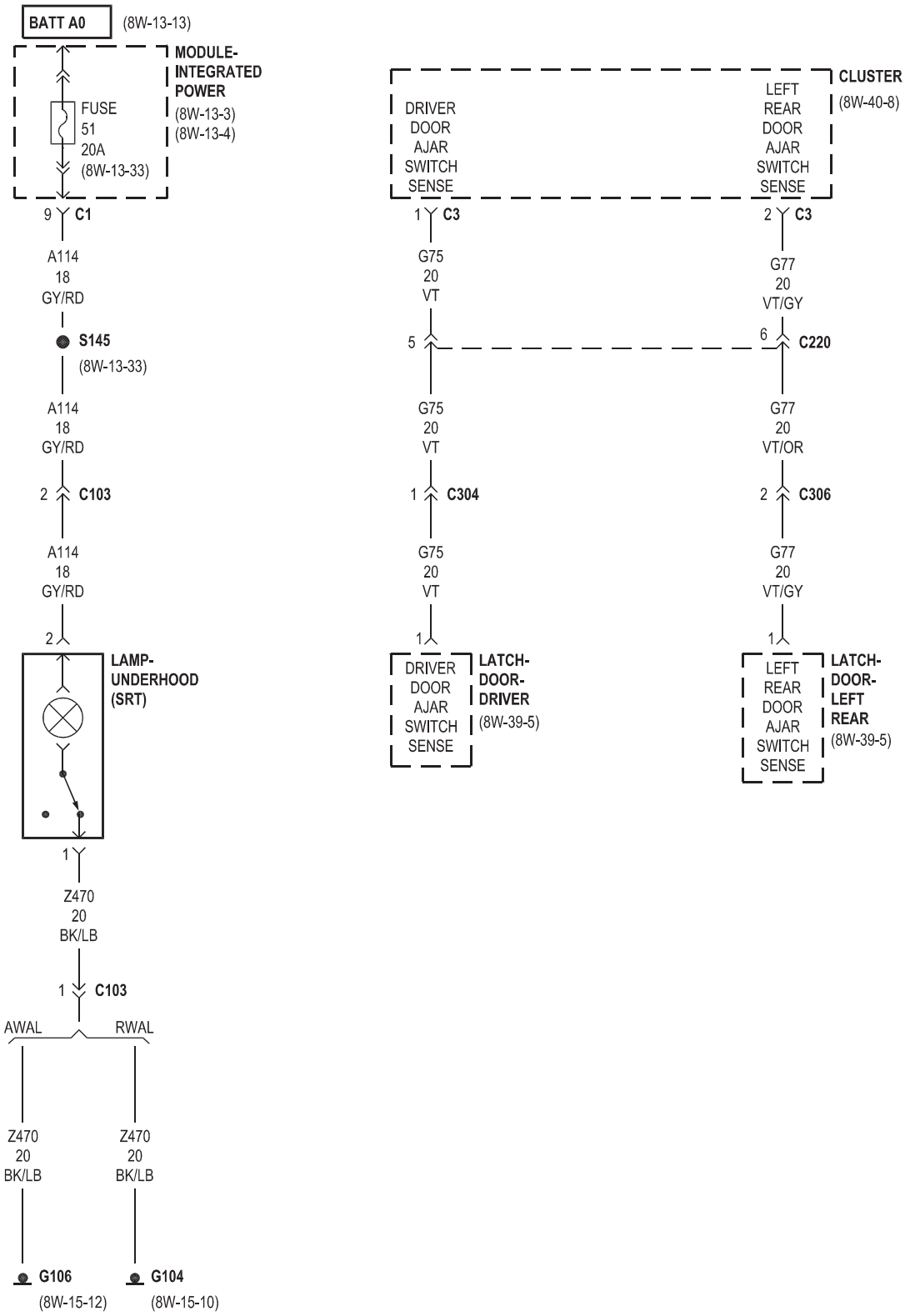
8W-44 INTERIOR LIGHTING

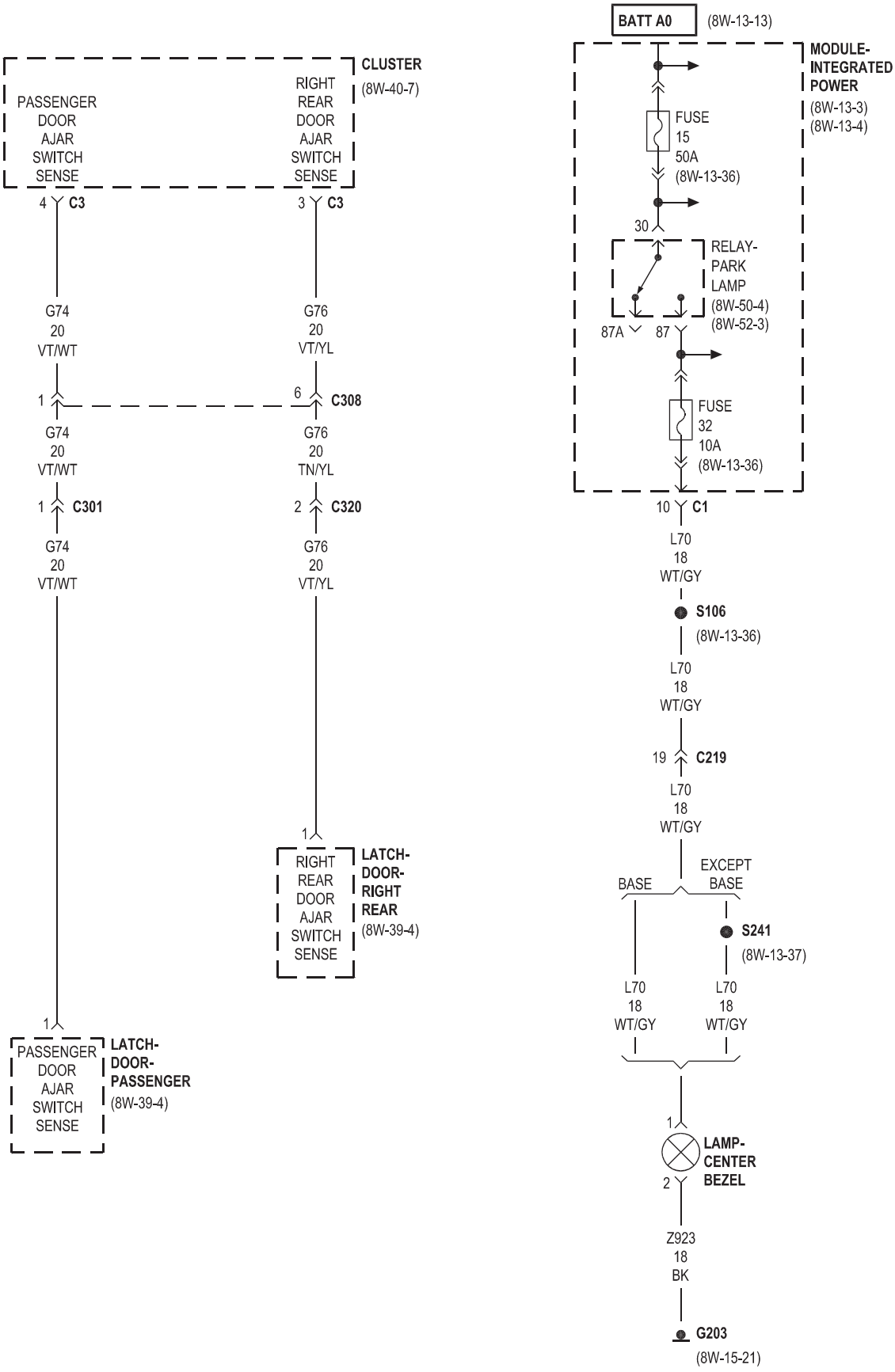
Component	Page
Cluster	8W-44-2, 3, 4, 5
Fuse 15	8W-44-5
Fuse 32	8W-44-5
Fuse 51	8W-44-4
G104	8W-44-4
G106	8W-44-4
G203	8W-44-2, 3, 5
Lamp-Center Bezel	8W-44-5
Lamp-Dome-Rear	8W-44-2, 3
Lamp-Glove Box	8W-44-2, 3
Lamp-High Mounted Stop	8W-44-2
Lamp-Reading-Front	8W-44-2, 3
Lamp-Underhood	8W-44-4
Lamp-Vanity-Left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

EXCEPT SRT


CLUSTER
(8W-40-9)
COURTESY LAMPS DRIVER
COURTESY LAMPS DRIVER
COURTESY LAMP DRIVER
COURTESY LAMP DRIVER
17 C1
15 C1
21 C1
18 C1
M228 18 YL/LB
M288 20 YL/GY
M20 20 YL/LB
L14 20 WT/TN
9 C201
7 C201
EXCEPT BASE
BASE
EXCEPT HANDS FREE
HANDS FREE
L14 20 WT/TN
L14 20 WT/BR
2
LAMP- GLOVE BOX
S301
M20 20 YL/LB
M20 20 YL/LB
1
12 C201
LAMP- DOME- REAR
Z328 20 BK/TN
M288 20 YL/GY
EXCEPT LIGHT PACKAGE
LIGHT PACKAGE
M288 20 YL/GY
LAMP- HIGH MOUNTED STOP
(8W-51-7)
S344
M20 20 YL/LB
M288 20 YL/GY
M288 20 YL/GY
Z964 20 BK
MOTOR- SUNROOF
(8W-64-2)
LAMP- READING- FRONT
LAMP- VANITY- LEFT
LAMP- VANITY- RIGHT
Z964 20 BK
Z964 20 BK
Z964 20 BK
Z964 14 BK
S310
(8W-15-20)
EXCEPT SUNROOF
SUNROOF
Z964 20 BK
Z964 14 BK
4 C201
Z964 14 BK
G203
(8W-15-20)

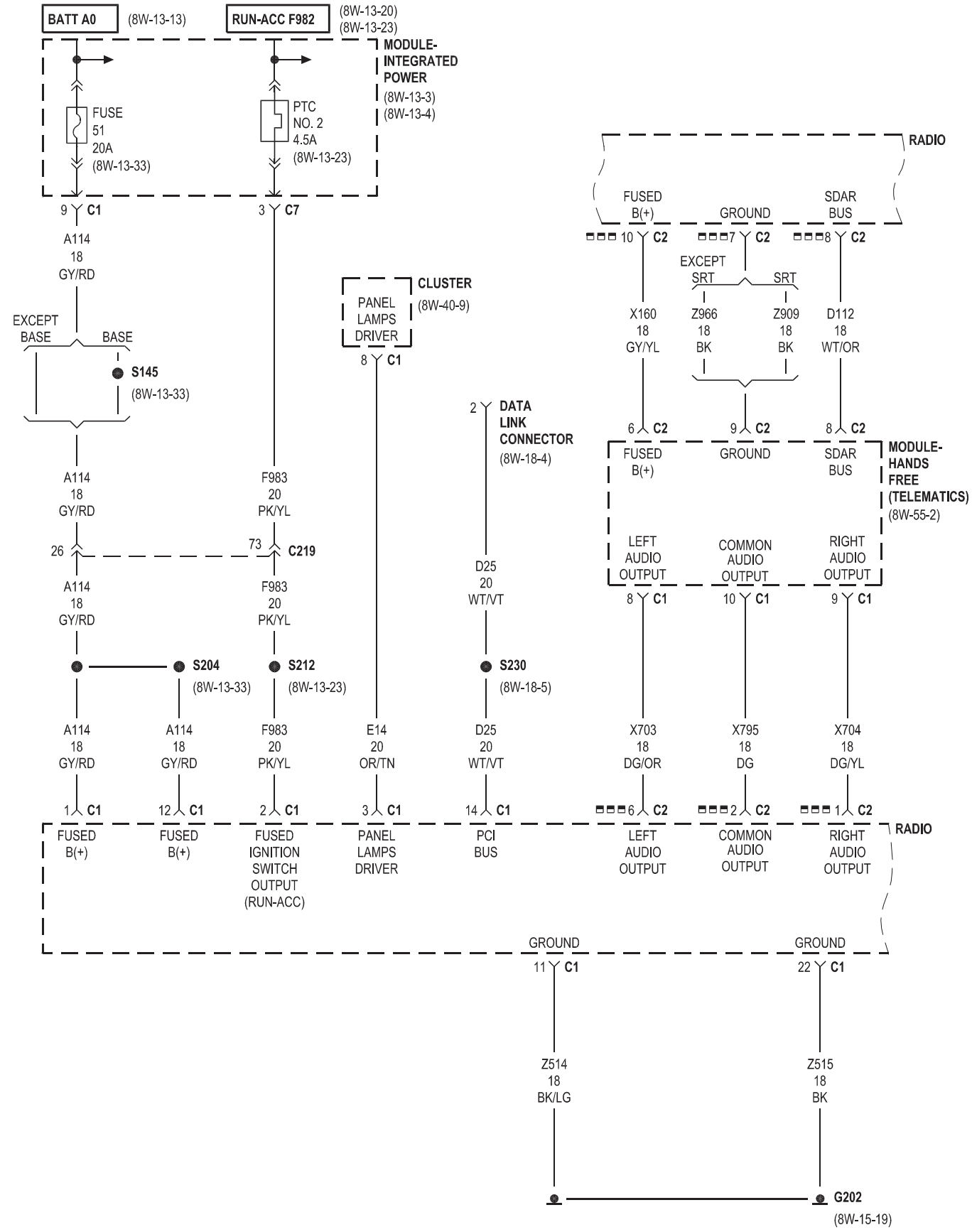

CLUSTER
(8W-40-9)
COURTESY LAMPS DRIVER
COURTESY LAMPS DRIVER
COURTESY LAMP DRIVER
17 C1
15 C1
21 C1
M228 18 YL/LB
M20 20 YL/LB
9 C201
EXCEPT BASE
BASE
2
LAMP- GLOVE BOX
S301
M288 20 YL/GY
M20 20 YL/LB
M20 20 YL/LB
2
LAMP- DOME- REAR
1
12 C201
Z328 20 BK/TN
M288 20 YL/GY
1
3
M288 20 YL/GY
PREMIUM
EXCEPT PREMIUM
S344
M20 20 YL/LB
M288 20 YL/GY
M288 20 YL/GY
M288 20 YL/GY
3
1
1
1
LAMP- READING- FRONT
LAMP- VANITY- LEFT
LAMP- VANITY- RIGHT
MOTOR- SUNROOF
(8W-64-2)
2
2
2
5
Z964 20 BK
Z964 20 BK
Z964 20 BK
Z964 14 BK
S310
(8W-15-20)
EXCEPT SUNROOF
SUNROOF
Z964 20 BK
Z964 14 BK
4 C201
Z964 14 BK
G203
(8W-15-20)


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
51
20A
(8W-13-33)
9 C1
A114
18
GY/RD
S145
(8W-13-33)
A114
18
GY/RD
2 C103
A114
18
GY/RD
2
LAMP-
UNDERHOOD
(SRT)
1
Z470
20
BK/LB
1 C103
AWAL
RWAL
Z470
20
BK/LB
Z470
20
BK/LB
G106
(8W-15-12)
G104
(8W-15-10)
DRIVER
DOOR
AJAR
SWITCH
SENSE
LEFT
REAR
DOOR
AJAR
SWITCH
SENSE
CLUSTER
(8W-40-8)
1 C3
2 C3
G75
20
VT
G77
20
VT/GY
5
6 C220
G75
20
VT
G77
20
VT/OR
1 C304
2 C306
G75
20
VT
G77
20
VT/GY
1
1
DRIVER
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
DRIVER
(8W-39-5)
LEFT
REAR
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
LEFT
REAR
(8W-39-5)

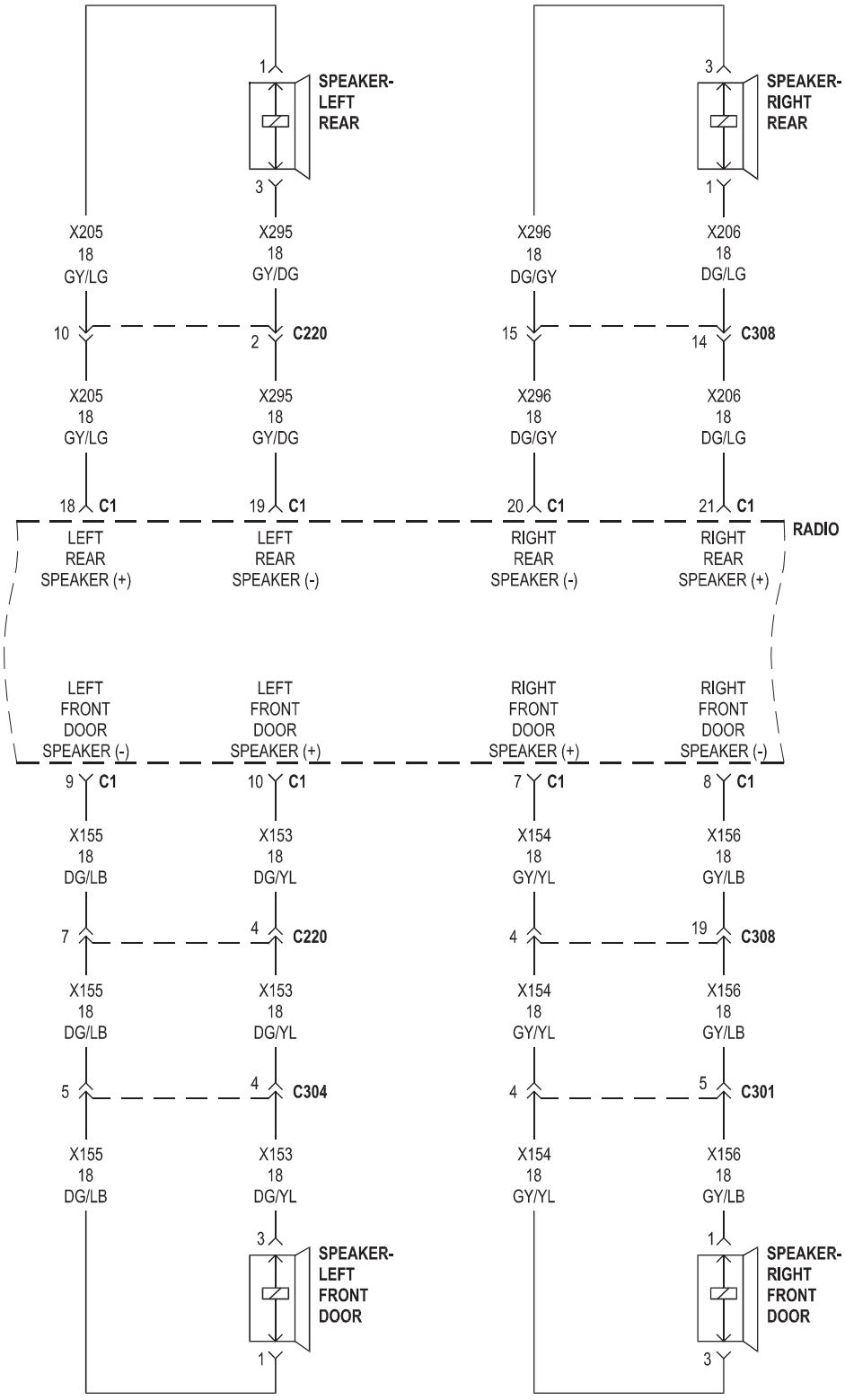

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
15
50A
(8W-13-36)
30
RELAY-
PARK
LAMP
(8W-50-4)
(8W-52-3)
87A
87
FUSE
32
10A
(8W-13-36)
10 C1
L70
18
WT/GY
S106
(8W-13-36)
L70
18
WT/GY
19 C219
L70
18
WT/GY
BASE
EXCEPT
BASE
S241
(8W-13-37)
L70
18
WT/GY
L70
18
WT/GY
1
LAMP-
CENTER
BEZEL
2
Z923
18
BK
G203
(8W-15-21)
CLUSTER
(8W-40-7)
PASSENGER
DOOR
AJAR
SWITCH
SENSE
RIGHT
REAR
DOOR
AJAR
SWITCH
SENSE
4 C3
3 C3
G74
20
VT/WT
G76
20
VT/YL
1
6 C308
G74
20
VT/WT
G76
20
TN/YL
1 C301
2 C320
G74
20
VT/WT
G76
20
VT/YL
1
RIGHT
REAR
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
RIGHT
REAR
(8W-39-4)
1
PASSENGER
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
PASSENGER
(8W-39-4)

8W-47 AUDIO SYSTEM

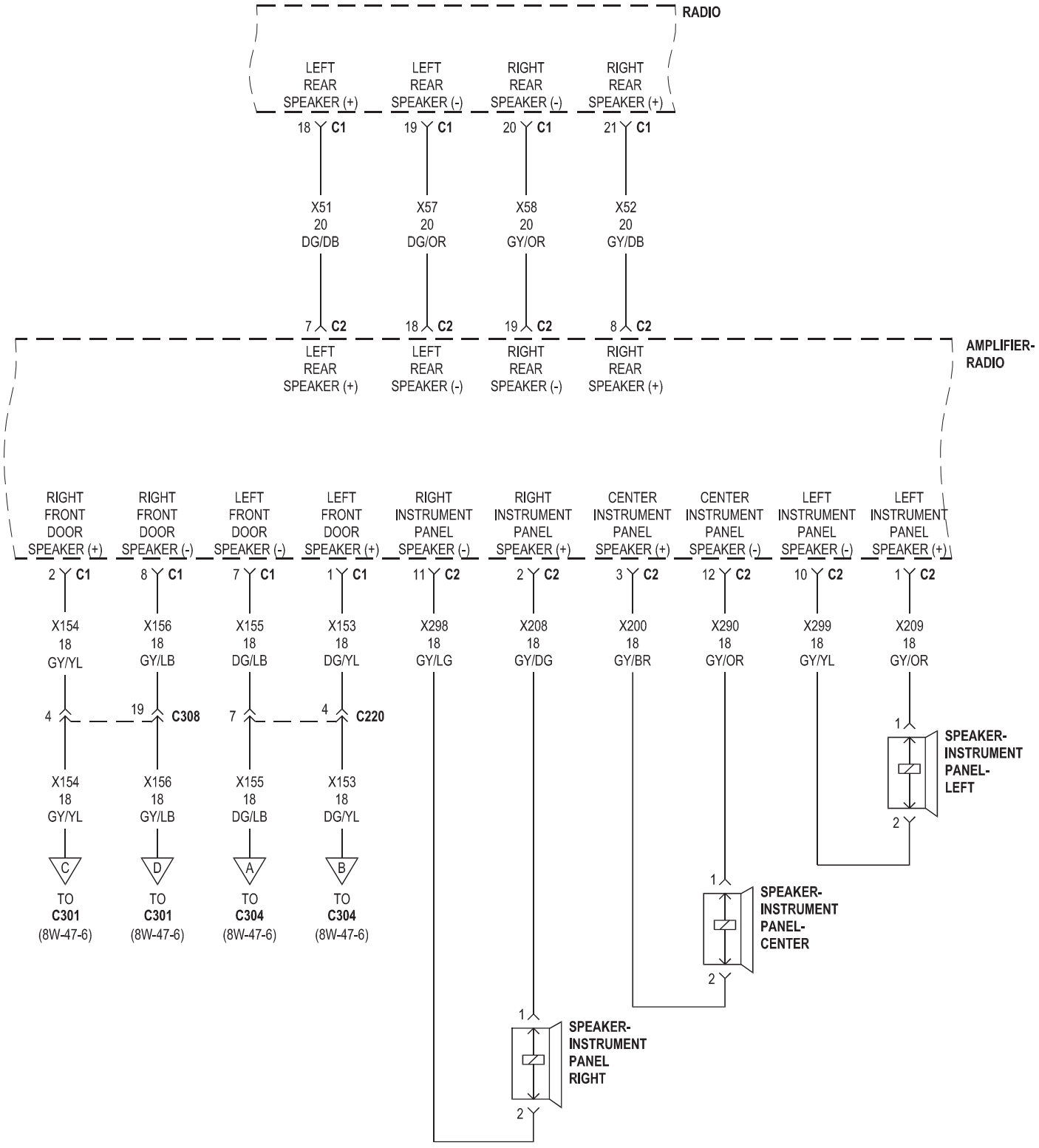
Component	Page
Amplifier-Radio	8W-47-4, 5, 10
Amplifier-Subwoofer	8W-47-10
Clockspring	8W-47-9
Cluster	8W-47-2, 9
Data Link Connector	8W-47-2, 5
Fuse 21	8W-47-5
Fuse 43	8W-47-10
Fuse 51	8W-47-2
G201	8W-47-9
G202	8W-47-2, 5
G302	8W-47-10
Module-Hands Free	8W-47-2, 5, 8
Module-Integrated Power	8W-47-2,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


BATT A0
(8W-13-13)
RUN-ACC F982
(8W-13-20)
(8W-13-23)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 51 20A (8W-13-33)
PTC NO. 2 4.5A (8W-13-23)
9 C1
3 C7
A114 18 GY/RD
EXCEPT BASE
BASE
S145
(8W-13-33)
A114 18 GY/RD
F983 20 PK/YL
26
73 C219
A114 18 GY/RD
F983 20 PK/YL
S204
(8W-13-33)
S212
(8W-13-23)
A114 18 GY/RD
A114 18 GY/RD
F983 20 PK/YL
1 C1
12 C1
2 C1
FUSED B(+)
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
CLUSTER
PANEL LAMPS DRIVER
(8W-40-9)
8 C1
E14 20 OR/TN
3 C1
PANEL LAMPS DRIVER
2 DATA LINK CONNECTOR
(8W-18-4)
D25 20 WT/VT
S230
(8W-18-5)
D25 20 WT/VT
14 C1
PCI BUS
RADIO
FUSED B(+)
GROUND
SDAR BUS
10 C2
7 C2
8 C2
EXCEPT SRT
SRT
X160 18 GY/YL
Z966 18 BK
Z909 18 BK
D112 18 WT/OR
6 C2
9 C2
8 C2
MODULE-HANDS FREE (TELEMATICS)
(8W-55-2)
FUSED B(+)
GROUND
SDAR BUS
LEFT AUDIO OUTPUT
COMMON AUDIO OUTPUT
RIGHT AUDIO OUTPUT
8 C1
10 C1
9 C1
X703 18 DG/OR
X795 18 DG
X704 18 DG/YL
6 C2
2 C2
1 C2
LEFT AUDIO OUTPUT
COMMON AUDIO OUTPUT
RIGHT AUDIO OUTPUT
RADIO
GROUND
GROUND
11 C1
22 C1
Z514 18 BK/LG
Z515 18 BK
G202
(8W-15-19)

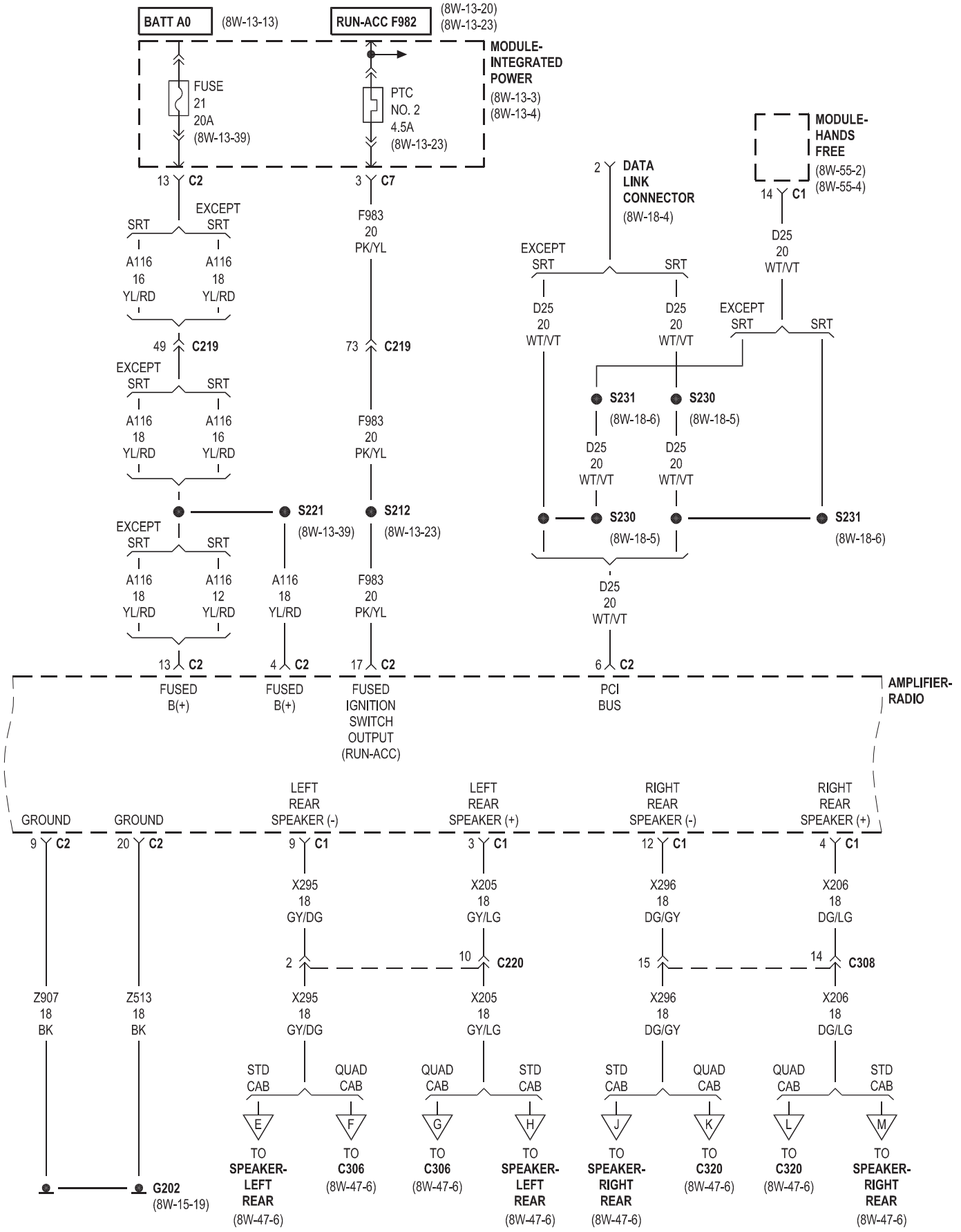
HANDS FREE

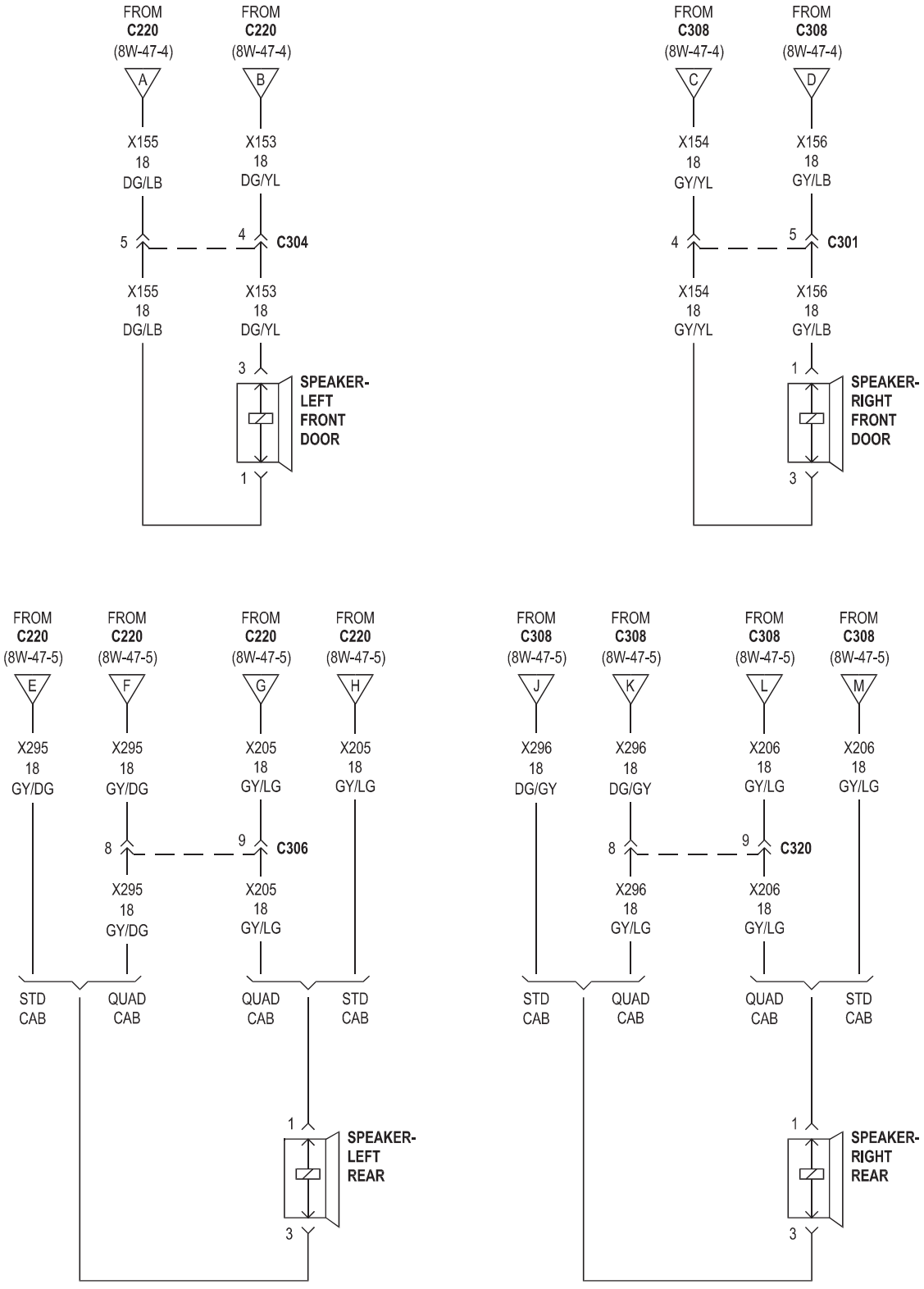

SPEAKER-
LEFT
REAR
SPEAKER-
RIGHT
REAR
X205
18
GY/LG
X295
18
GY/DG
X296
18
DG/GY
X206
18
DG/LG
C220
C308
C1
RADIO
LEFT
REAR
SPEAKER (+)
LEFT
REAR
SPEAKER (-)
RIGHT
REAR
SPEAKER (-)
RIGHT
REAR
SPEAKER (+)
LEFT
FRONT
DOOR
SPEAKER (-)
LEFT
FRONT
DOOR
SPEAKER (+)
RIGHT
FRONT
DOOR
SPEAKER (+)
RIGHT
FRONT
DOOR
SPEAKER (-)
X155
18
DG/LB
X153
18
DG/YL
X154
18
GY/YL
X156
18
GY/LB
C304
C301
SPEAKER-
LEFT
FRONT
DOOR
SPEAKER-
RIGHT
FRONT
DOOR

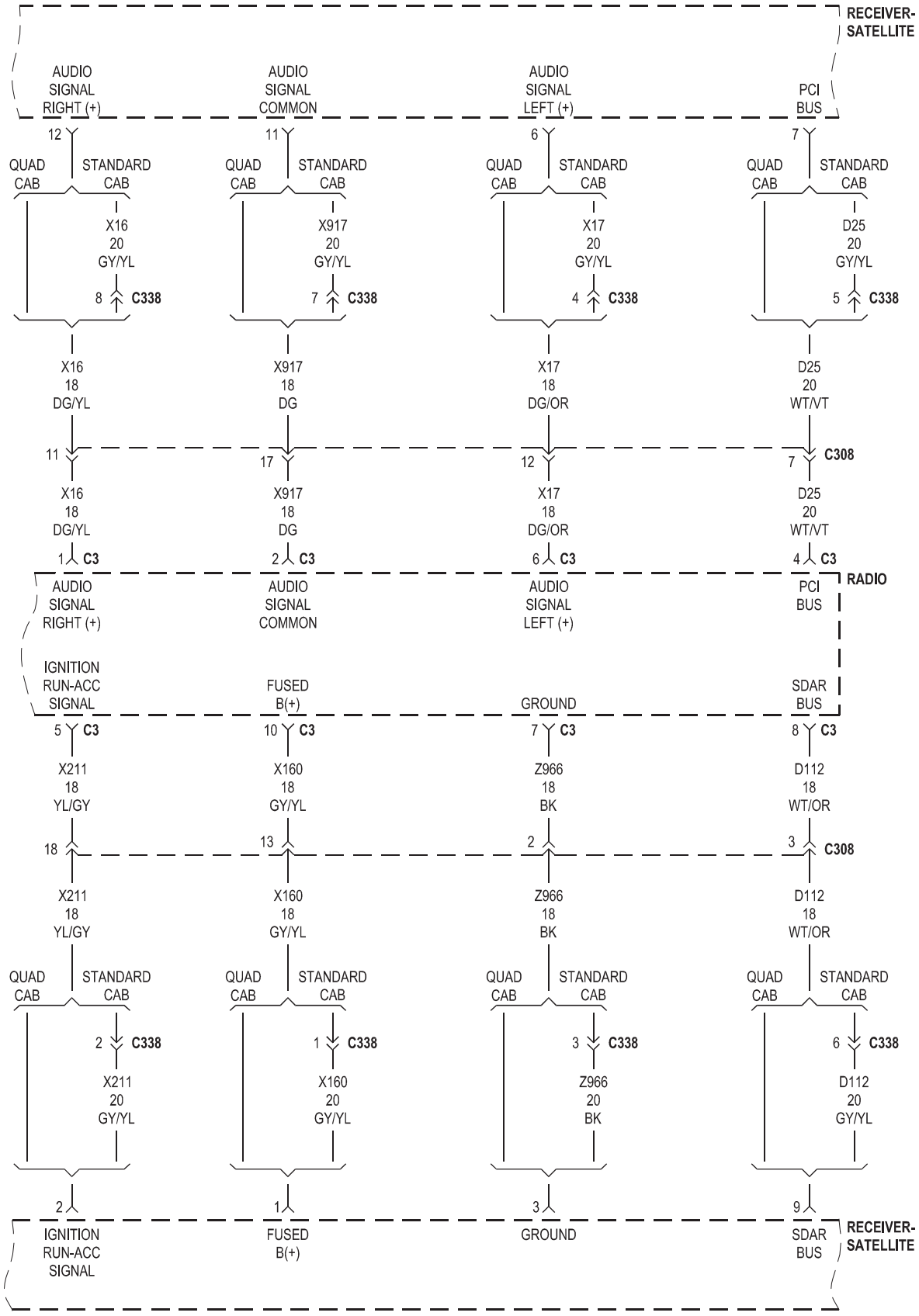
PREMIUM EXCEPT HANDS FREE CAPABLE

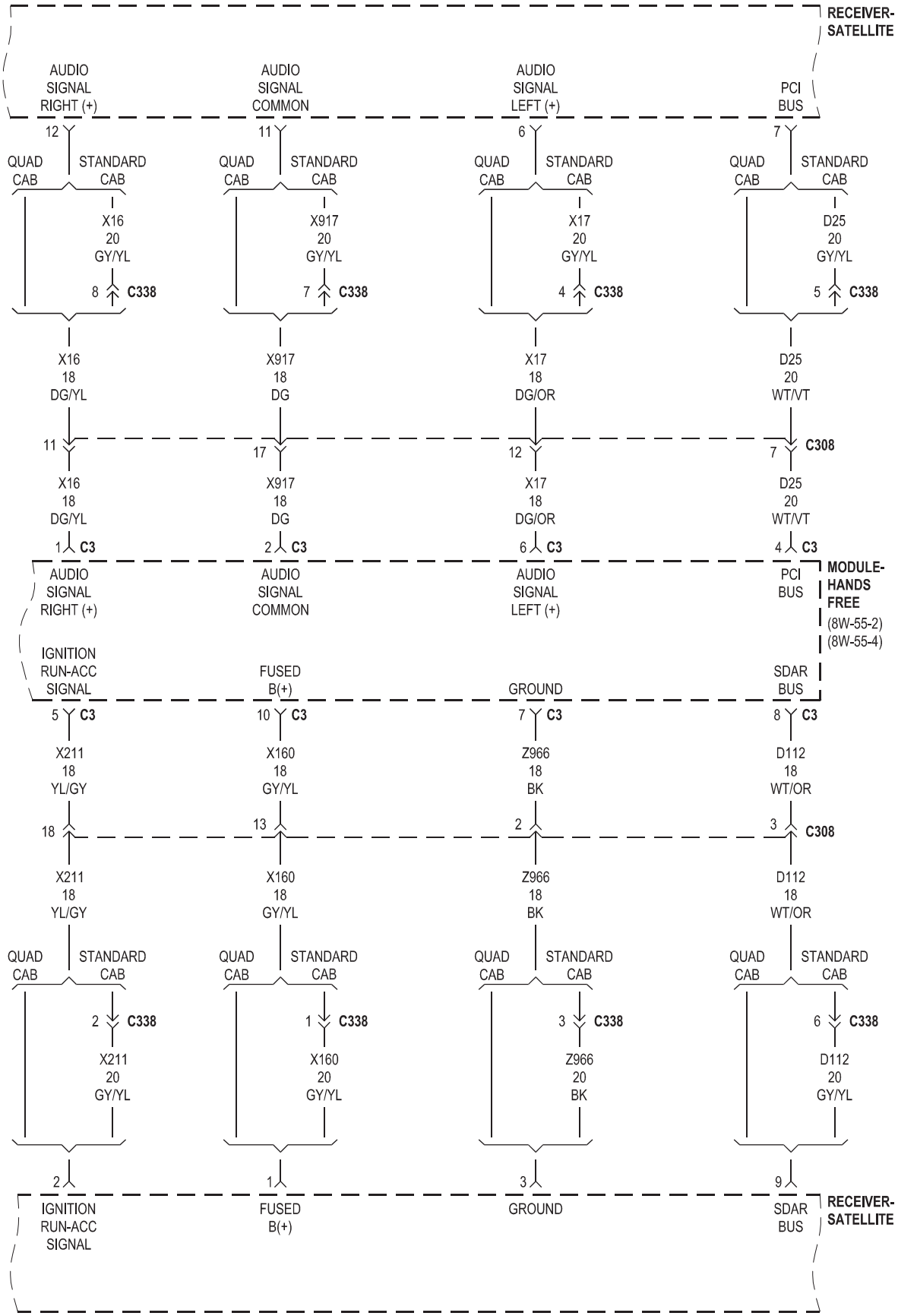


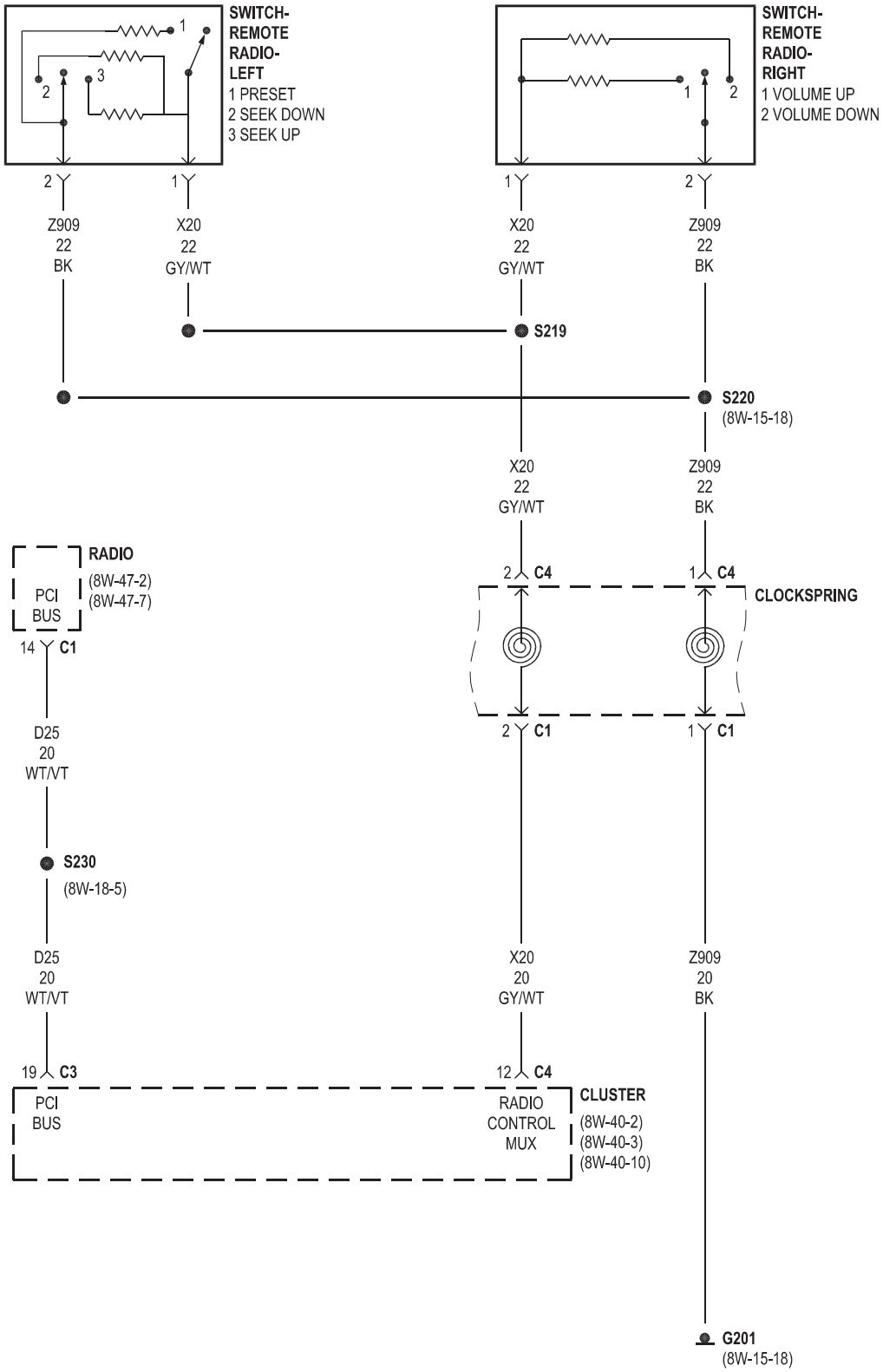
PREMIUM


BATT A0
(8W-13-13)
RUN-ACC F982
(8W-13-20)
(8W-13-23)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 21 20A (8W-13-39)
PTC NO. 2 4.5A (8W-13-23)
MODULE-HANDS FREE
(8W-55-2)
(8W-55-4)
DATA LINK CONNECTOR
(8W-18-4)
EXCEPT SRT
SRT
A116 16 YL/RD
A116 18 YL/RD
F983 20 PK/YL
D25 20 WT/VT
S231
(8W-18-6)
S230
(8W-18-5)
S221
(8W-13-39)
S212
(8W-13-23)
AMPLIFIER-RADIO
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
PCI BUS
GROUND
LEFT REAR SPEAKER (-)
LEFT REAR SPEAKER (+)
RIGHT REAR SPEAKER (-)
RIGHT REAR SPEAKER (+)
X295 18 GY/DG
X205 18 GY/LG
X296 18 DG/GY
X206 18 DG/LG
C220
C308
Z907 18 BK
Z513 18 BK
STD CAB
QUAD CAB
TO SPEAKER-LEFT REAR (8W-47-6)
TO C306 (8W-47-6)
TO SPEAKER-RIGHT REAR (8W-47-6)
TO C320 (8W-47-6)
G202
(8W-15-19)

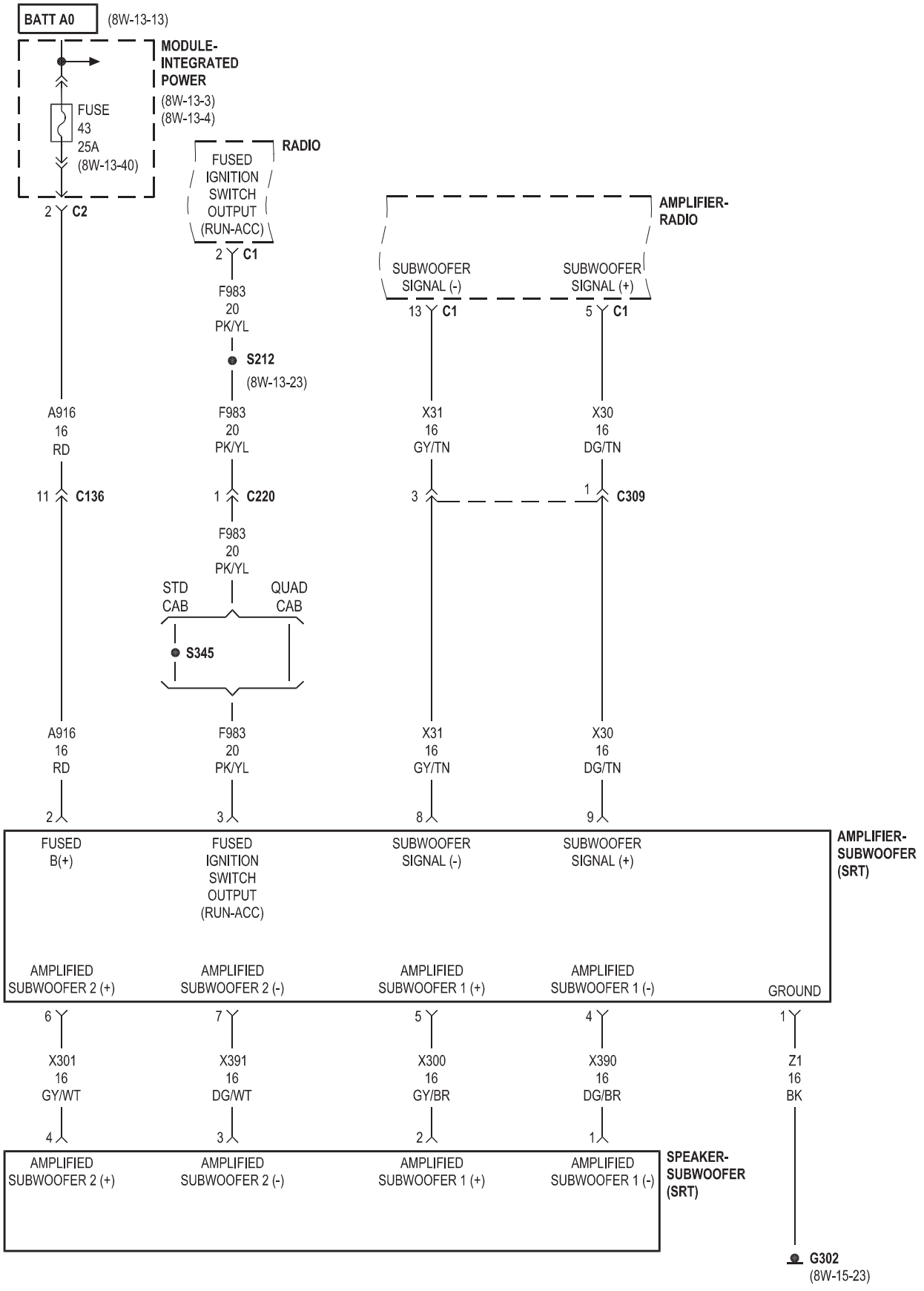

FROM C220 (8W-47-4)
A
X155 18 DG/LB
5
4
C304
B
X153 18 DG/YL
X155 18 DG/LB
X153 18 DG/YL
3
1
SPEAKER- LEFT FRONT DOOR
FROM C308 (8W-47-4)
C
X154 18 GY/YL
4
5
C301
D
X156 18 GY/LB
X154 18 GY/YL
X156 18 GY/LB
1
3
SPEAKER- RIGHT FRONT DOOR
FROM C220 (8W-47-5)
E
X295 18 GY/DG
F
X295 18 GY/DG
8
9
C306
G
X205 18 GY/LG
H
X205 18 GY/LG
STD CAB
QUAD CAB
QUAD CAB
STD CAB
1
3
SPEAKER- LEFT REAR
FROM C308 (8W-47-5)
J
X296 18 DG/GY
K
X296 18 DG/GY
8
9
C320
L
X206 18 GY/LG
M
X206 18 GY/LG
STD CAB
QUAD CAB
QUAD CAB
STD CAB
1
3
SPEAKER- RIGHT REAR


RECEIVER-SATELLITE
AUDIO SIGNAL RIGHT (+)
AUDIO SIGNAL COMMON
AUDIO SIGNAL LEFT (+)
PCI BUS
12
11
6
7
QUAD CAB
STANDARD CAB
X16 20 GY/YL
X917 20 GY/YL
X17 20 GY/YL
D25 20 GY/YL
8 C338
7 C338
4 C338
5 C338
X16 18 DG/YL
X917 18 DG
X17 18 DG/OR
D25 20 WT/VT
11
17
12
7 C308
1 C3
2 C3
6 C3
4 C3
RADIO
IGNITION RUN-ACC SIGNAL
FUSED B(+)
GROUND
SDAR BUS
5 C3
10 C3
7 C3
8 C3
X211 18 YL/GY
X160 18 GY/YL
Z966 18 BK
D112 18 WT/OR
18
13
2
3 C308
2 C338
1 C338
3 C338
6 C338
X211 20 GY/YL
X160 20 GY/YL
Z966 20 BK
D112 20 GY/YL
2
1
3
9
IGNITION RUN-ACC SIGNAL
FUSED B(+)
GROUND
SDAR BUS
RECEIVER-SATELLITE


RECEIVER-SATELLITE
AUDIO SIGNAL RIGHT (+)
AUDIO SIGNAL COMMON
AUDIO SIGNAL LEFT (+)
PCI BUS
12
11
6
7
QUAD CAB
STANDARD CAB
X16 20 GY/YL
X917 20 GY/YL
X17 20 GY/YL
D25 20 GY/YL
8 C338
7 C338
4 C338
5 C338
X16 18 DG/YL
X917 18 DG
X17 18 DG/OR
D25 20 WT/VT
11
17
12
7 C308
1 C3
2 C3
6 C3
4 C3
MODULE-HANDS FREE
(8W-55-2)
(8W-55-4)
IGNITION RUN-ACC SIGNAL
FUSED B(+)
GROUND
SDAR BUS
5 C3
10 C3
7 C3
8 C3
X211 18 YL/GY
X160 18 GY/YL
Z966 18 BK
D112 18 WT/OR
18
13
2
3 C308
2 C338
1 C338
3 C338
6 C338
X211 20 GY/YL
X160 20 GY/YL
Z966 20 BK
D112 20 GY/YL
2
1
3
9

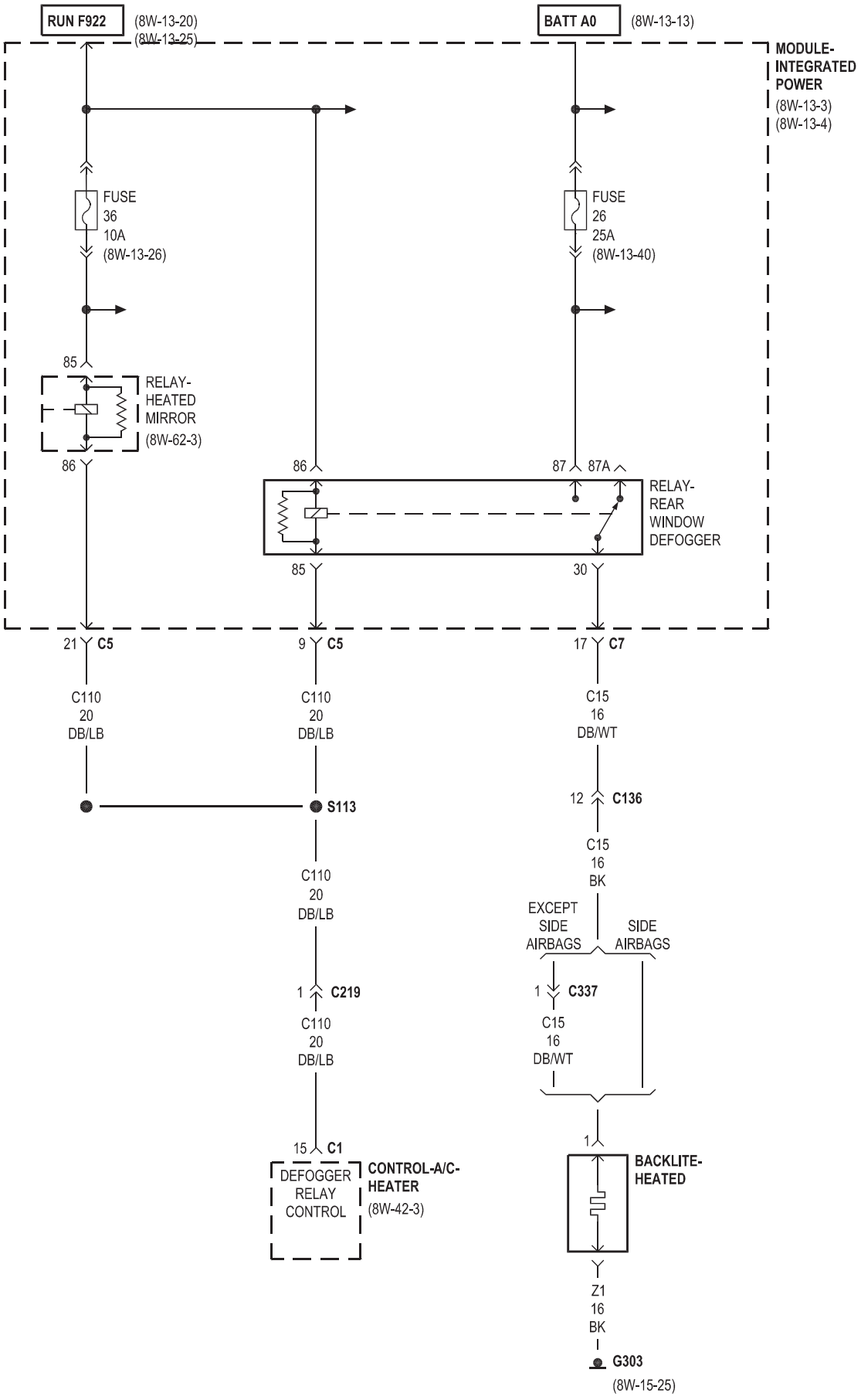

SWITCH-
REMOTE
RADIO-
LEFT
1 PRESET
2 SEEK DOWN
3 SEEK UP
SWITCH-
REMOTE
RADIO-
RIGHT
1 VOLUME UP
2 VOLUME DOWN
Z909
22
BK
X20
22
GY/WT
S219
S220
(8W-15-18)
RADIO
PCI
BUS
(8W-47-2)
(8W-47-7)
C1
C4
CLOCKSPRING
D25
20
WT/VT
S230
(8W-18-5)
X20
20
GY/WT
Z909
20
BK
C3
RADIO
CONTROL
MUX
CLUSTER
(8W-40-2)
(8W-40-3)
(8W-40-10)
G201
(8W-15-18)

SUBWOOFER


BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 43 25A (8W-13-40)
2 C2
RADIO
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2 C1
F983 20 PK/YL
S212
(8W-13-23)
AMPLIFIER-RADIO
SUBWOOFER SIGNAL (-)
SUBWOOFER SIGNAL (+)
13 C1
5 C1
A916 16 RD
11 C136
F983 20 PK/YL
1 C220
X31 16 GY/TN
X30 16 DG/TN
3
1 C309
F983 20 PK/YL
STD CAB
QUAD CAB
S345
A916 16 RD
2
F983 20 PK/YL
3
X31 16 GY/TN
8
X30 16 DG/TN
9
AMPLIFIER-SUBWOOFER (SRT)
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
SUBWOOFER SIGNAL (-)
SUBWOOFER SIGNAL (+)
AMPLIFIED SUBWOOFER 2 (+)
AMPLIFIED SUBWOOFER 2 (-)
AMPLIFIED SUBWOOFER 1 (+)
AMPLIFIED SUBWOOFER 1 (-)
GROUND
6
7
5
4
1
X301 16 GY/WT
X391 16 DG/WT
X300 16 GY/BR
X390 16 DG/BR
Z1 16 BK
4
3
2
1
AMPLIFIED SUBWOOFER 2 (+)
AMPLIFIED SUBWOOFER 2 (-)
AMPLIFIED SUBWOOFER 1 (+)
AMPLIFIED SUBWOOFER 1 (-)
SPEAKER-SUBWOOFER (SRT)
G302
(8W-15-23)

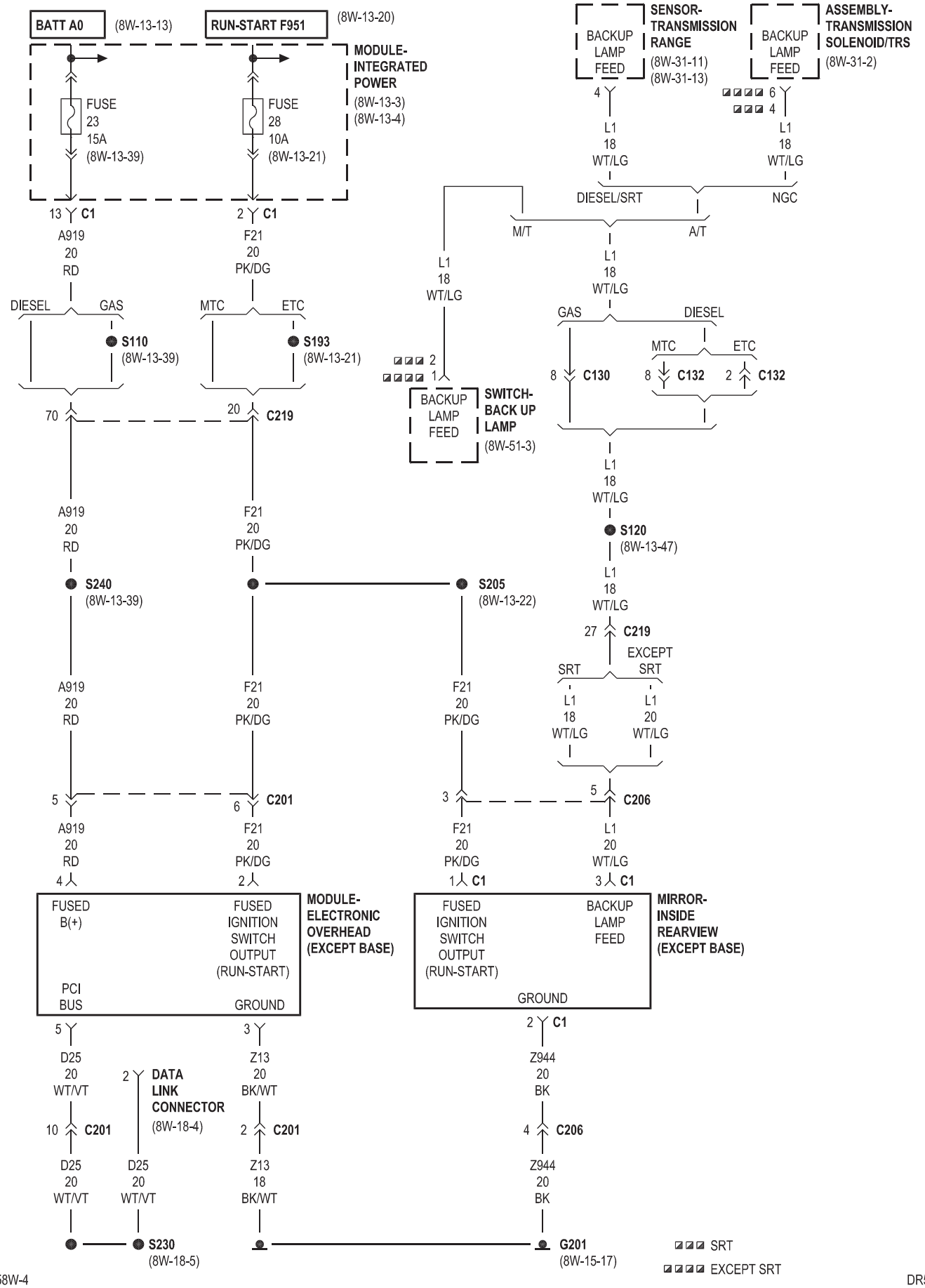
8W-48 REAR WINDOW DEFOGGER

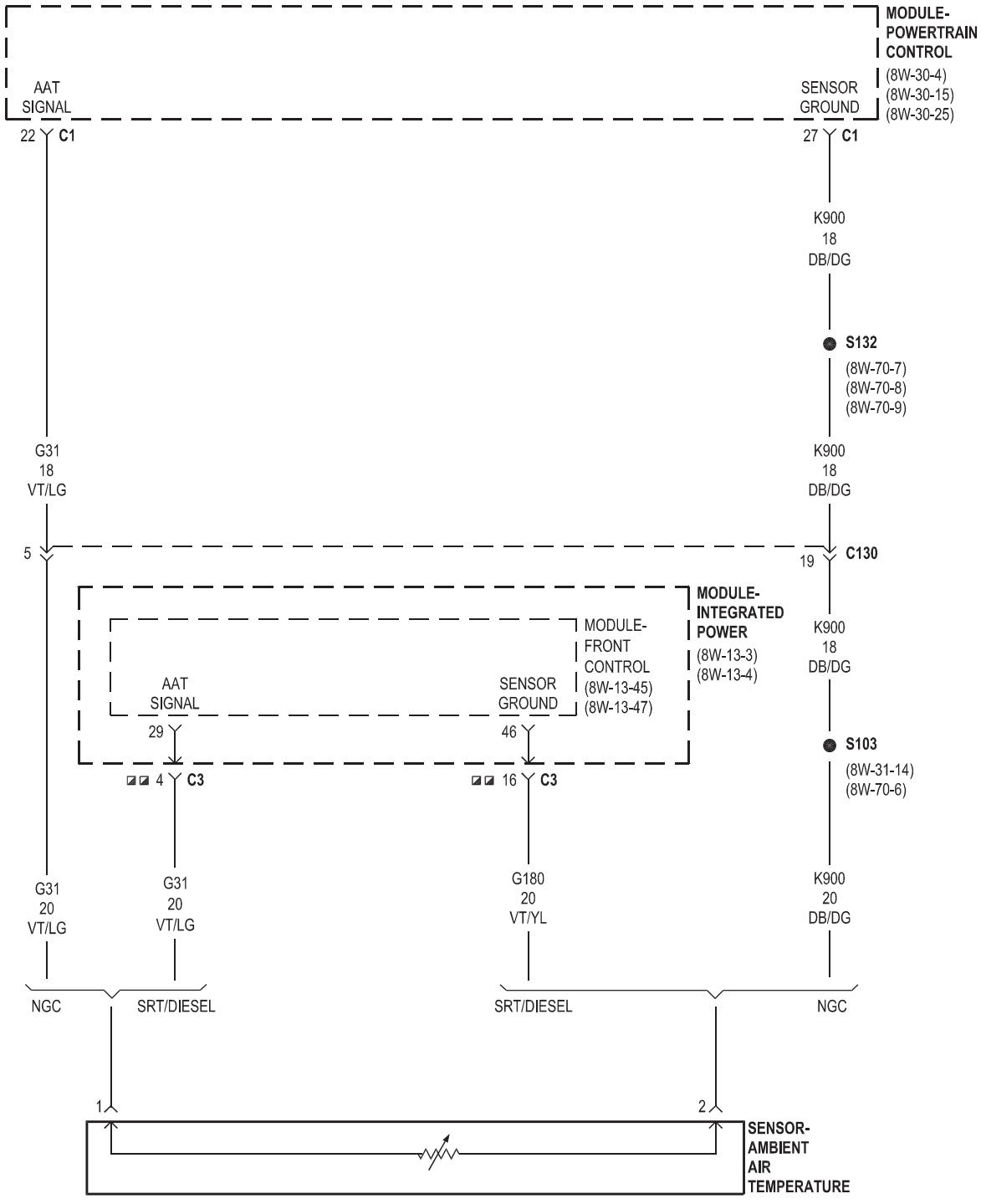
Component	Page	Component	Page
Backlite-Heated	8W-48-2	G303	8W-48-2
Control-A/C-Heater	8W-48-2	Module-Integrated Power	8W-48-2
Fuse 26	8W-48-2	Relay-Heated Mirror	8W-48-2
Fuse 36	8W-48-2	Relay-Rear Window Defogger	8W-48-2

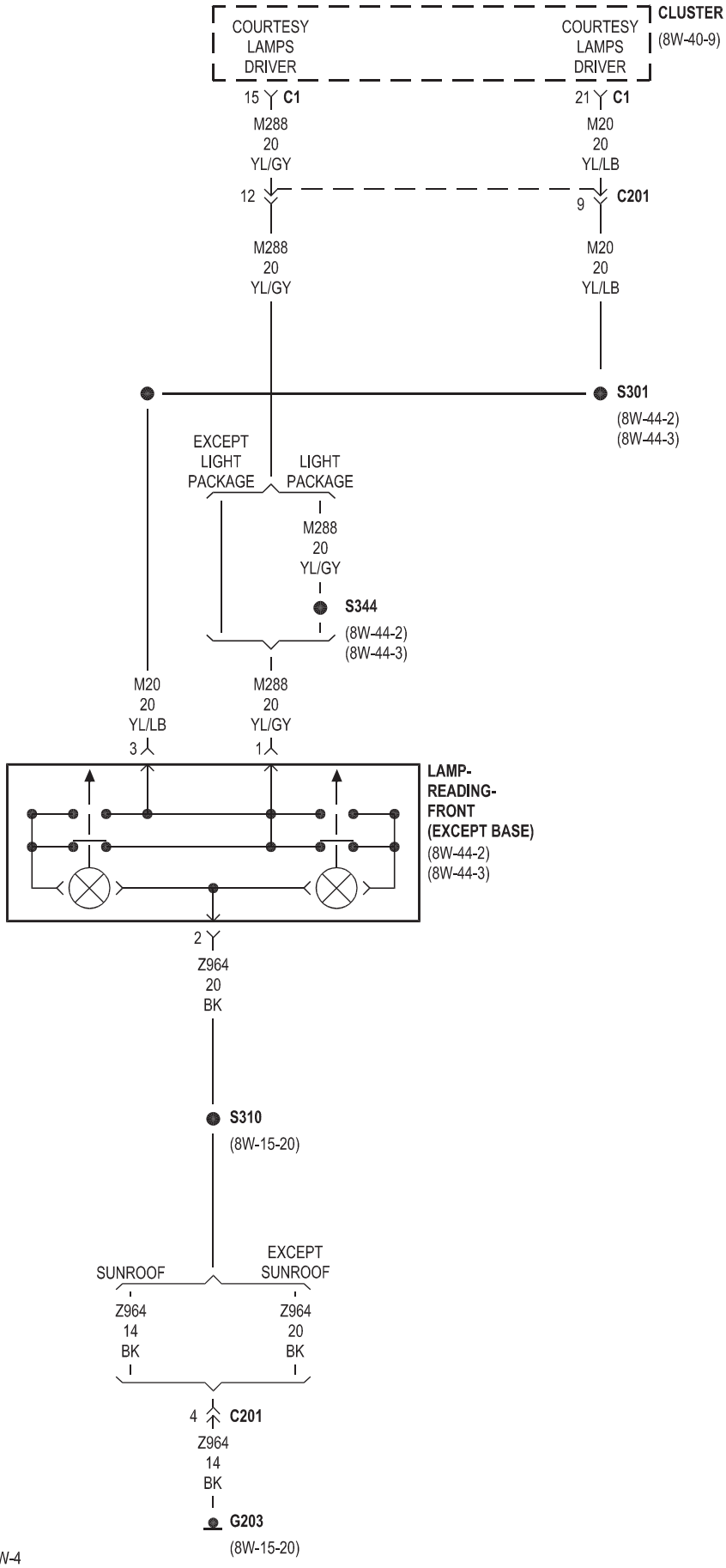

RUN F922
(8W-13-20)
(8W-13-25)
BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
36
10A
(8W-13-26)
FUSE
26
25A
(8W-13-40)
85
RELAY-
HEATED
MIRROR
(8W-62-3)
86
86
87
87A
RELAY-
REAR
WINDOW
DEFOGGER
85
30
21 C5
9 C5
17 C7
C110
20
DB/LB
C110
20
DB/LB
C15
16
DB/WT
S113
12 C136
C15
16
BK
EXCEPT
SIDE
AIRBAGS
SIDE
AIRBAGS
C110
20
DB/LB
1 C219
1 C337
C110
20
DB/LB
C15
16
DB/WT
15 C1
DEFOGGER
RELAY
CONTROL
CONTROL-A/C-
HEATER
(8W-42-3)
1
BACKLITE-
HEATED
Z1
16
BK
G303
(8W-15-25)

8W-49 OVERHEAD CONSOLE

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

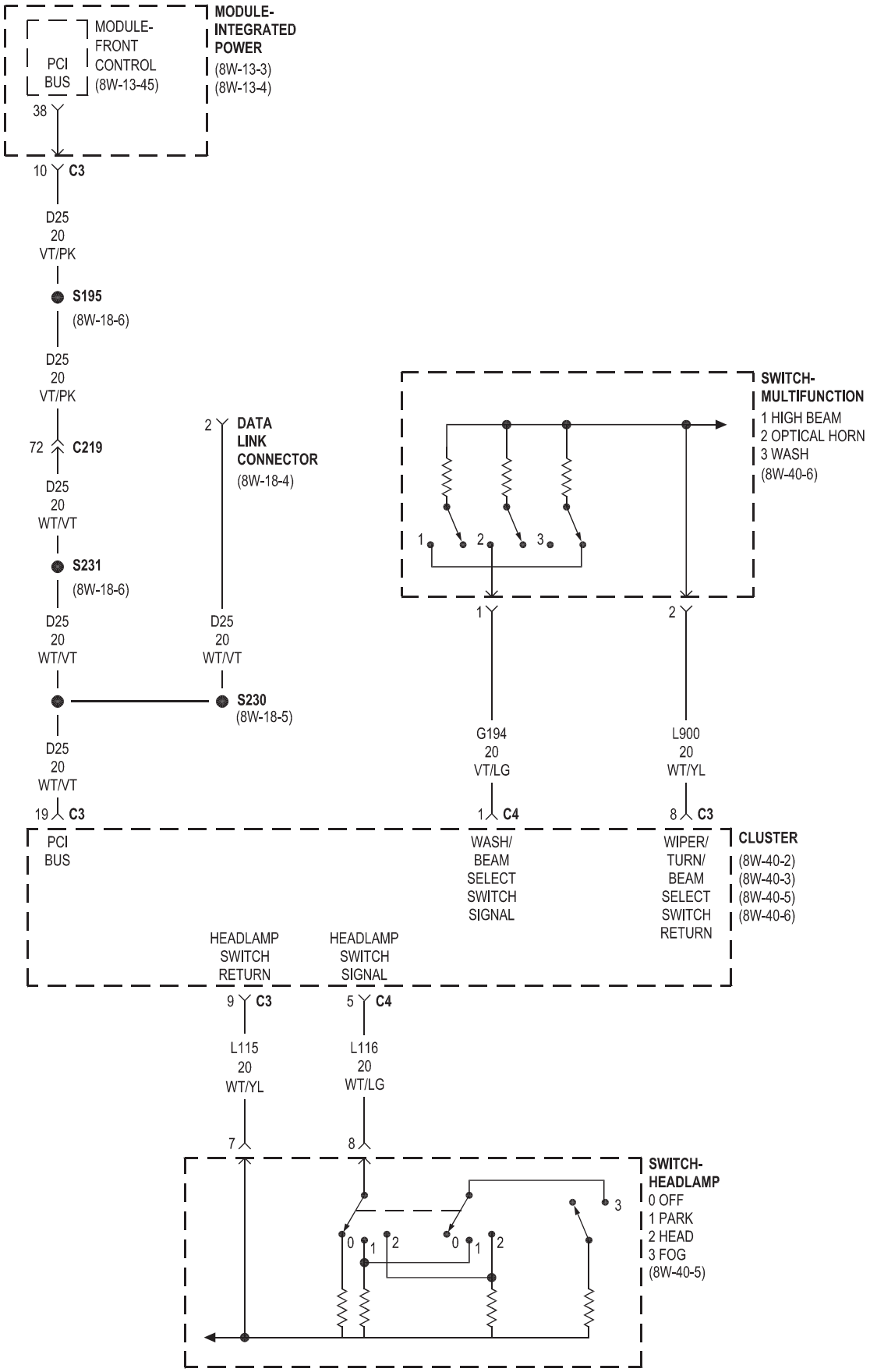

BATT A0
(8W-13-13)
RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 23 15A (8W-13-39)
FUSE 28 10A (8W-13-21)
13 C1
2 C1
A919 20 RD
F21 20 PK/DG
DIESEL
GAS
MTC
ETC
S110 (8W-13-39)
S193 (8W-13-21)
70
20 C219
A919 20 RD
F21 20 PK/DG
S240 (8W-13-39)
S205 (8W-13-22)
A919 20 RD
F21 20 PK/DG
F21 20 PK/DG
5
6 C201
3
5 C206
A919 20 RD
F21 20 PK/DG
F21 20 PK/DG
L1 20 WT/LG
4
2
1 C1
3 C1
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-START)
PCI BUS
GROUND
MODULE-ELECTRONIC OVERHEAD (EXCEPT BASE)
FUSED IGNITION SWITCH OUTPUT (RUN-START)
BACKUP LAMP FEED
GROUND
MIRROR-INSIDE REARVIEW (EXCEPT BASE)
5
3
2 C1
D25 20 WT/VT
Z13 20 BK/WT
Z944 20 BK
10 C201
2 C201
4 C206
D25 20 WT/VT
D25 20 WT/VT
Z13 18 BK/WT
Z944 20 BK
2 DATA LINK CONNECTOR (8W-18-4)
S230 (8W-18-5)
G201 (8W-15-17)
BACKUP LAMP FEED
SENSOR-TRANSMISSION RANGE (8W-31-11) (8W-31-13)
BACKUP LAMP FEED
ASSEMBLY-TRANSMISSION SOLENOID/TRS (8W-31-2)
4
6
4
L1 18 WT/LG
L1 18 WT/LG
DIESEL/SRT
NGC
M/T
A/T
L1 18 WT/LG
L1 18 WT/LG
GAS
DIESEL
MTC
ETC
2
1
8 C130
8 C132
2 C132
BACKUP LAMP FEED
SWITCH-BACK UP LAMP (8W-51-3)
L1 18 WT/LG
S120 (8W-13-47)
L1 18 WT/LG
27 C219
EXCEPT SRT
SRT
EXCEPT SRT
L1 18 WT/LG
L1 20 WT/LG
SRT
EXCEPT SRT

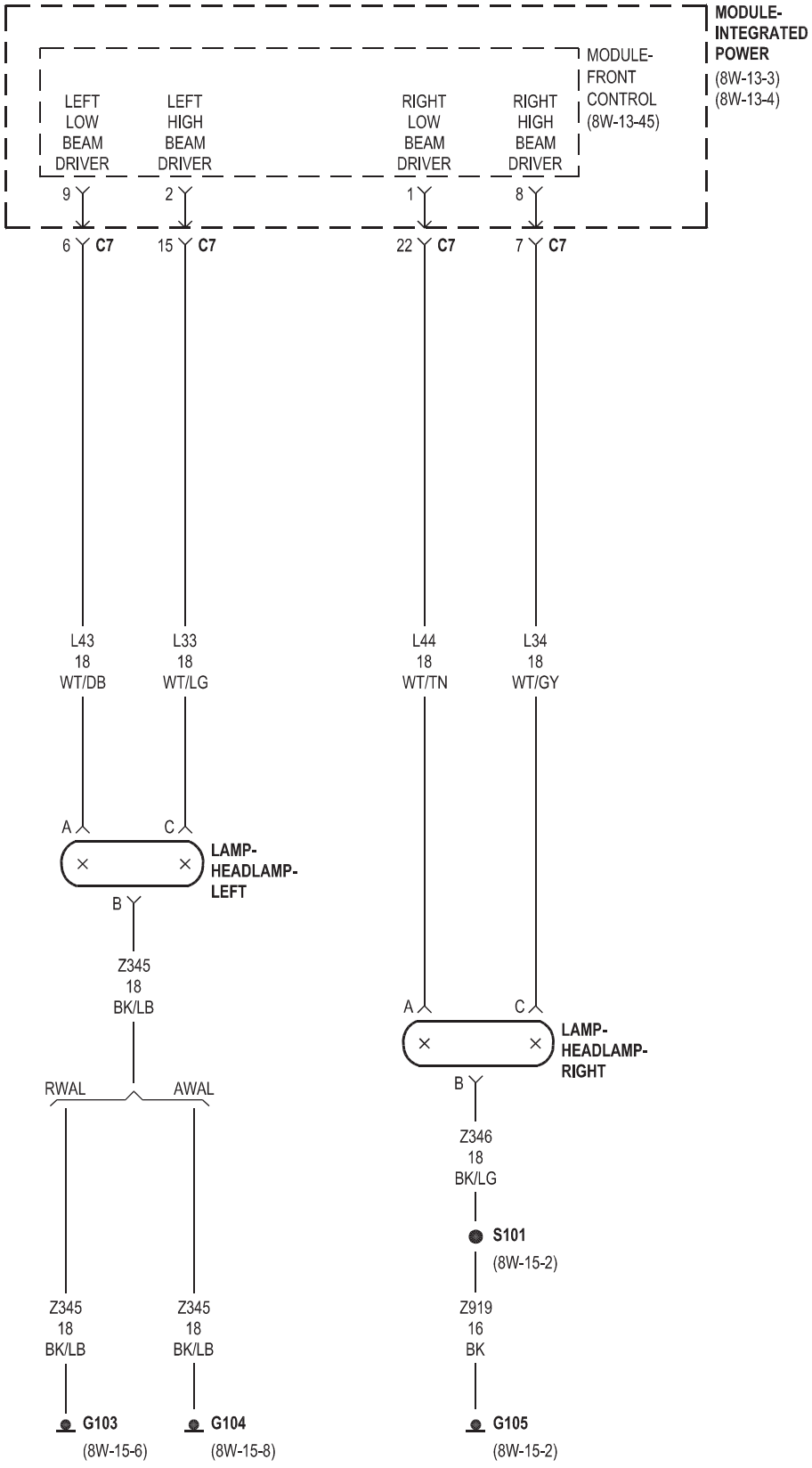

MODULE-
POWERTRAIN
CONTROL
(8W-30-4)
(8W-30-15)
(8W-30-25)
AAT
SIGNAL
22 C1
SENSOR
GROUND
27 C1
K900
18
DB/DG
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)
G31
18
VT/LG
K900
18
DB/DG
5
19 C130
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
MODULE-
FRONT
CONTROL
(8W-13-45)
(8W-13-47)
AAT
SIGNAL
SENSOR
GROUND
29
46
K900
18
DB/DG
S103
(8W-31-14)
(8W-70-6)
4 C3
16 C3
G31
20
VT/LG
G31
20
VT/LG
G180
20
VT/YL
K900
20
DB/DG
NGC
SRT/DIESEL
SRT/DIESEL
NGC
1
2
SENSOR-
AMBIENT
AIR
TEMPERATURE

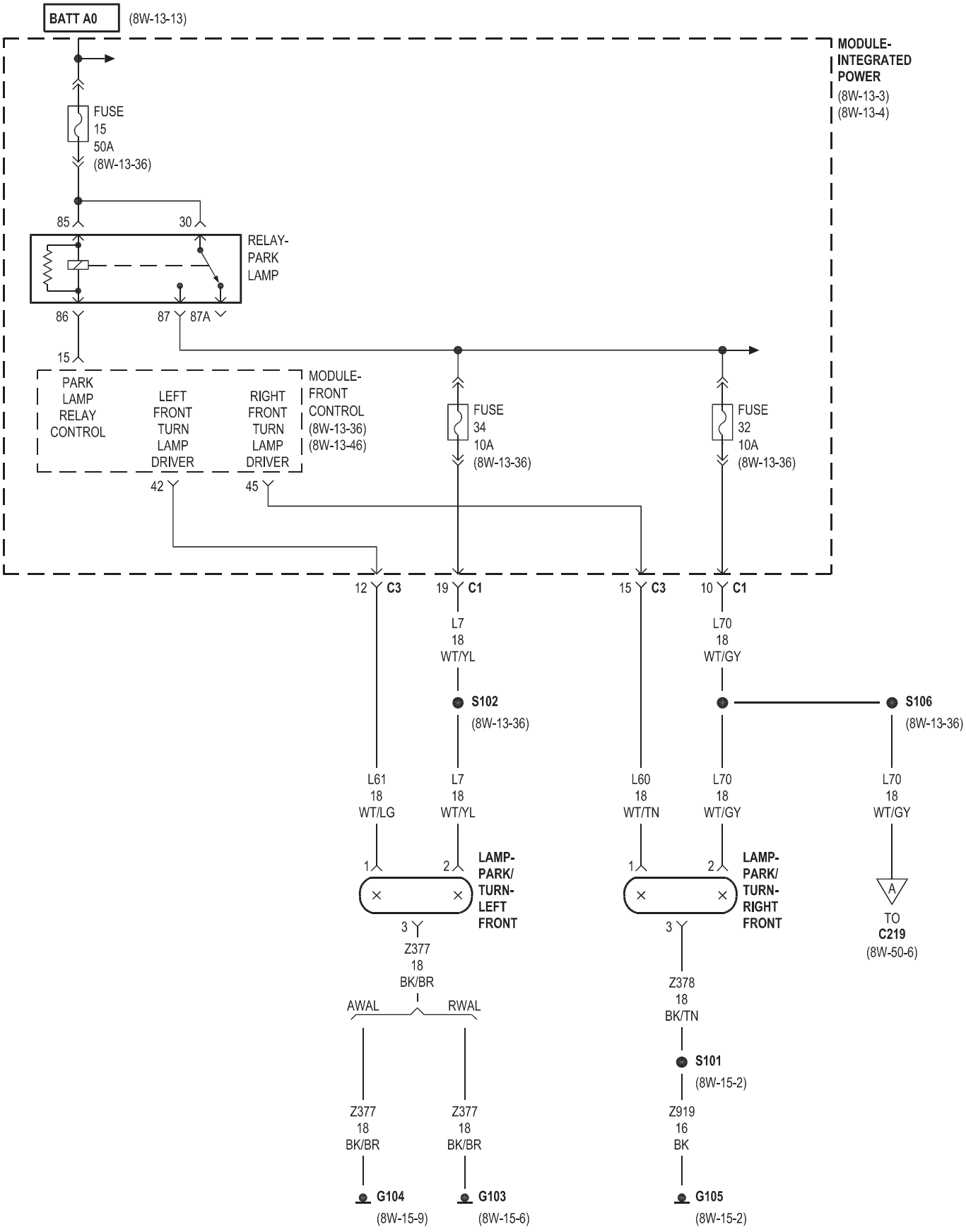

CLUSTER
(8W-40-9)
COURTESY LAMPS DRIVER
COURTESY LAMPS DRIVER
15 C1
21 C1
M288 20 YL/GY
M20 20 YL/LB
12
9 C201
M288 20 YL/GY
M20 20 YL/LB
S301
(8W-44-2)
(8W-44-3)
EXCEPT LIGHT PACKAGE
LIGHT PACKAGE
M288 20 YL/GY
S344
(8W-44-2)
(8W-44-3)
M20 20 YL/LB
3
M288 20 YL/GY
1
LAMP-READING-FRONT (EXCEPT BASE)
(8W-44-2)
(8W-44-3)
2
Z964 20 BK
S310
(8W-15-20)
SUNROOF
EXCEPT SUNROOF
Z964 14 BK
Z964 20 BK
4 C201
Z964 14 BK
G203
(8W-15-20)

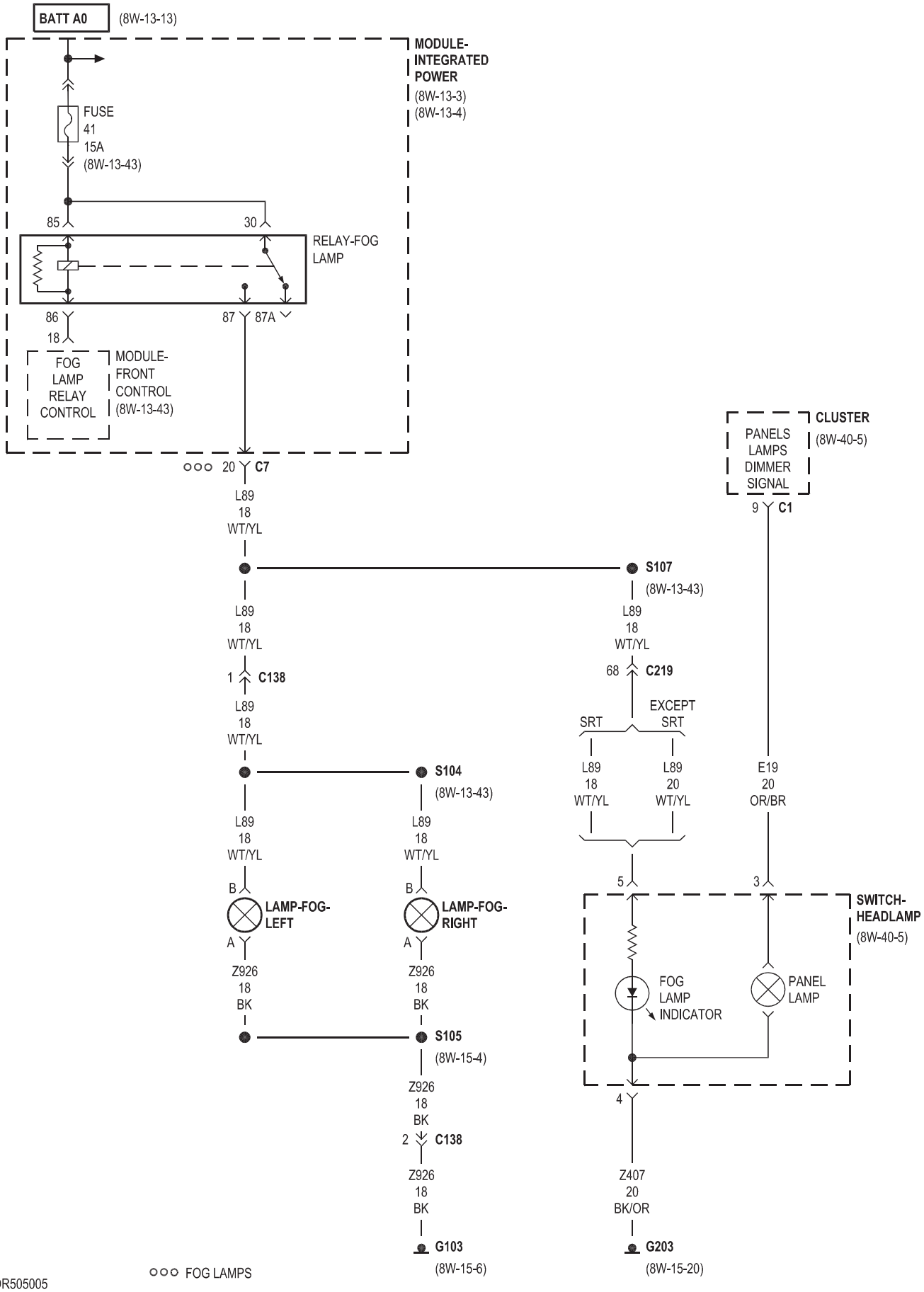
8W-50 FRONT LIGHTING

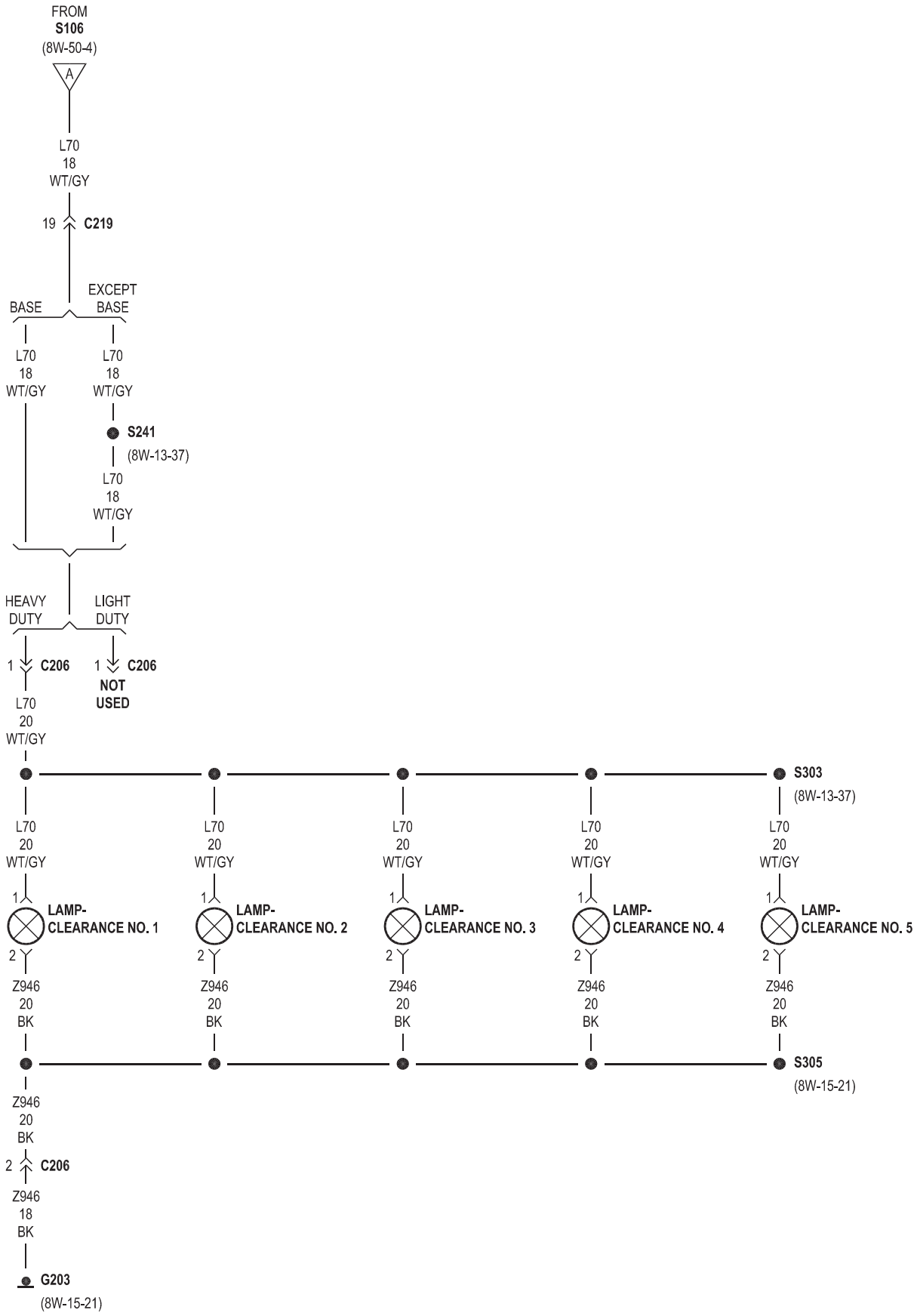
Component	Page
Cluster	8W-50-2, 5
Data Link Connector	8W-50-2
Fuse 15	8W-50-4
Fuse 32	8W-50-4
Fuse 34	8W-50-4
Fuse 41	8W-50-5
G103	8W-50-3, 4, 5
G104	8W-50-3, 4
G105	8W-50-3, 4
G203	8W-50-5, 6
Lamp-Clearance No. 1	8W-50-6
Lamp-Clearance No. 2	8W-50-6
Lamp-Clearance No. 3	8W-50-6
Lamp-Clearance No. 4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


MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-45)
PCI BUS
38
10 C3
D25
20
VT/PK
S195
(8W-18-6)
D25
20
VT/PK
72 C219
D25
20
WT/VT
S231
(8W-18-6)
D25
20
WT/VT
19 C3
2 DATA LINK CONNECTOR
(8W-18-4)
D25
20
WT/VT
S230
(8W-18-5)
D25
20
WT/VT
SWITCH-MULTIFUNCTION
1 HIGH BEAM
2 OPTICAL HORN
3 WASH
(8W-40-6)
1
2
3
1
2
G194
20
VT/LG
1 C4
L900
20
WT/YL
8 C3
PCI BUS
WASH/ BEAM SELECT SWITCH SIGNAL
WIPER/ TURN/ BEAM SELECT SWITCH RETURN
CLUSTER
(8W-40-2)
(8W-40-3)
(8W-40-5)
(8W-40-6)
HEADLAMP SWITCH RETURN
HEADLAMP SWITCH SIGNAL
9 C3
5 C4
L115
20
WT/YL
L116
20
WT/LG
7
8
SWITCH-HEADLAMP
0 OFF
1 PARK
2 HEAD
3 FOG
(8W-40-5)
0
1
2
0
1
2
3


MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-45)
LEFT LOW BEAM DRIVER
LEFT HIGH BEAM DRIVER
RIGHT LOW BEAM DRIVER
RIGHT HIGH BEAM DRIVER
9
2
1
8
6 C7
15 C7
22 C7
7 C7
L43 18 WT/DB
L33 18 WT/LG
L44 18 WT/TN
L34 18 WT/GY
A
C
LAMP-HEADLAMP-LEFT
B
Z345 18 BK/LB
RWAL
AWAL
Z345 18 BK/LB
Z345 18 BK/LB
G103
(8W-15-6)
G104
(8W-15-8)
LAMP-HEADLAMP-RIGHT
Z346 18 BK/LG
S101
(8W-15-2)
Z919 16 BK
G105
(8W-15-2)

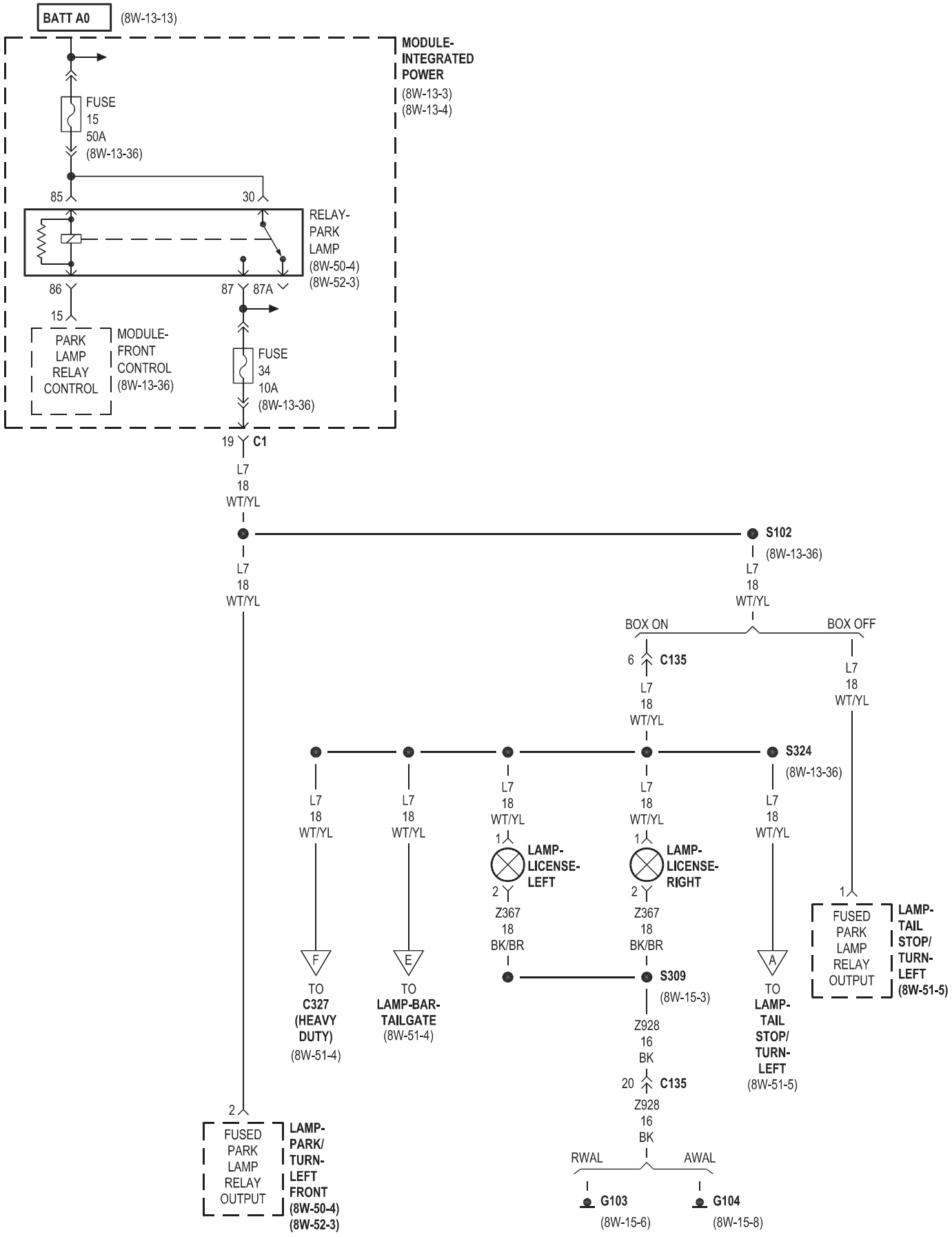

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
15
50A
(8W-13-36)
85
30
RELAY-
PARK
LAMP
86
87
87A
15
PARK
LAMP
RELAY
CONTROL
LEFT
FRONT
TURN
LAMP
DRIVER
RIGHT
FRONT
TURN
LAMP
DRIVER
MODULE-
FRONT
CONTROL
(8W-13-36)
(8W-13-46)
42
45
FUSE
34
10A
(8W-13-36)
FUSE
32
10A
(8W-13-36)
12 C3
19 C1
15 C3
10 C1
L7
18
WT/YL
L70
18
WT/GY
S102
(8W-13-36)
S106
(8W-13-36)
L61
18
WT/LG
L7
18
WT/YL
L60
18
WT/TN
L70
18
WT/GY
L70
18
WT/GY
1
2
LAMP-
PARK/
TURN-
LEFT
FRONT
1
2
LAMP-
PARK/
TURN-
RIGHT
FRONT
3
3
A
TO
C219
(8W-50-6)
Z377
18
BK/BR
Z378
18
BK/TN
AWAL
RWAL
S101
(8W-15-2)
Z377
18
BK/BR
Z377
18
BK/BR
Z919
16
BK
G104
(8W-15-9)
G103
(8W-15-6)
G105
(8W-15-2)

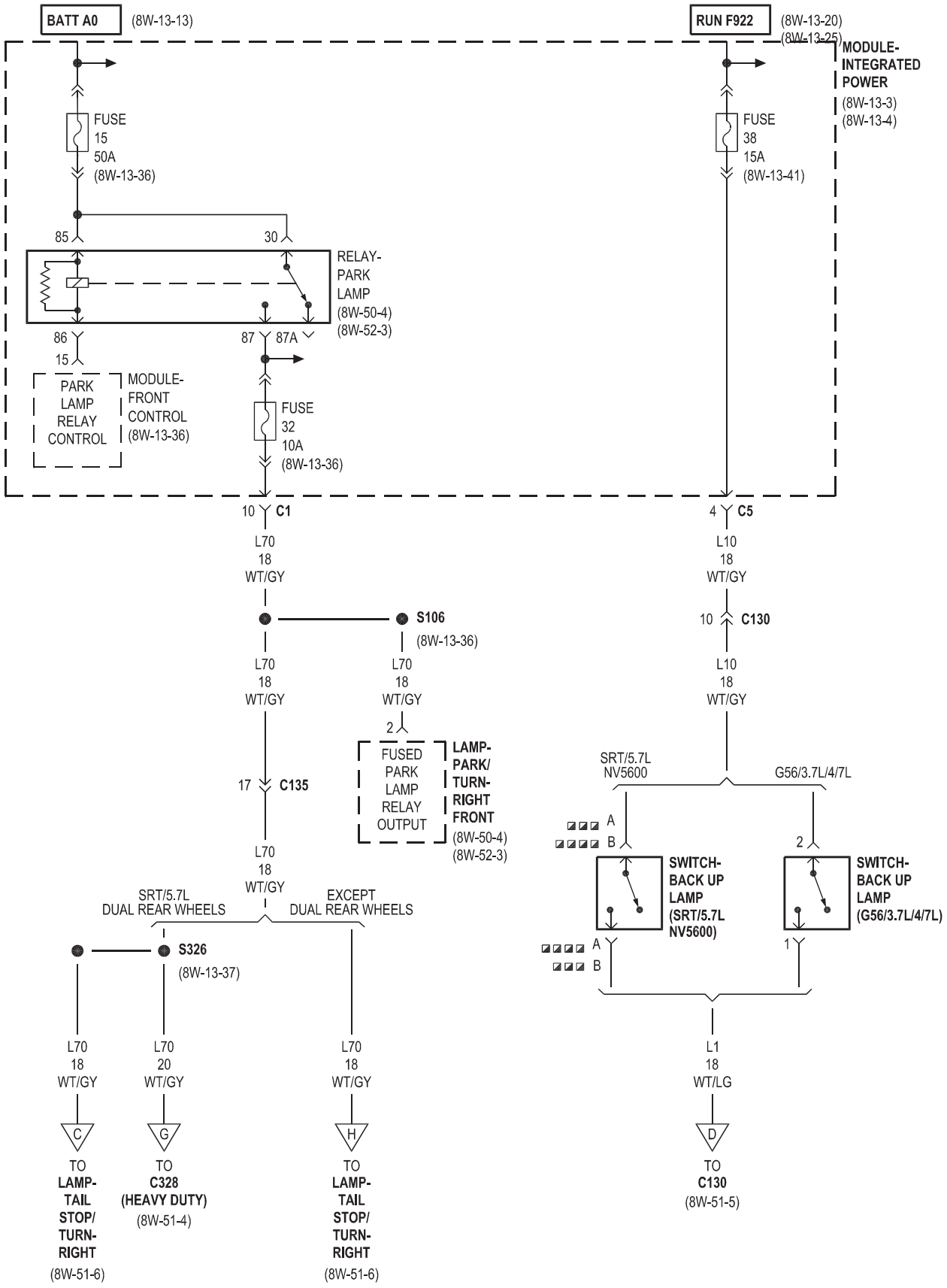

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
41
15A
(8W-13-43)
85
30
RELAY-FOG
LAMP
86
87
87A
18
FOG
LAMP
RELAY
CONTROL
MODULE-
FRONT
CONTROL
(8W-13-43)
20
C7
L89
18
WT/YL
S107
(8W-13-43)
L89
18
WT/YL
1
C138
L89
18
WT/YL
S104
(8W-13-43)
L89
18
WT/YL
B
LAMP-FOG-
LEFT
A
Z926
18
BK
L89
18
WT/YL
B
LAMP-FOG-
RIGHT
A
Z926
18
BK
S105
(8W-15-4)
Z926
18
BK
2
C138
Z926
18
BK
G103
(8W-15-6)
CLUSTER
PANELS
LAMPS
DIMMER
SIGNAL
(8W-40-5)
9
C1
68
C219
EXCEPT
SRT
SRT
L89
18
WT/YL
L89
20
WT/YL
E19
20
OR/BR
5
3
SWITCH-
HEADLAMP
(8W-40-5)
FOG
LAMP
INDICATOR
PANEL
LAMP
4
Z407
20
BK/OR
G203
(8W-15-20)
FOG LAMPS

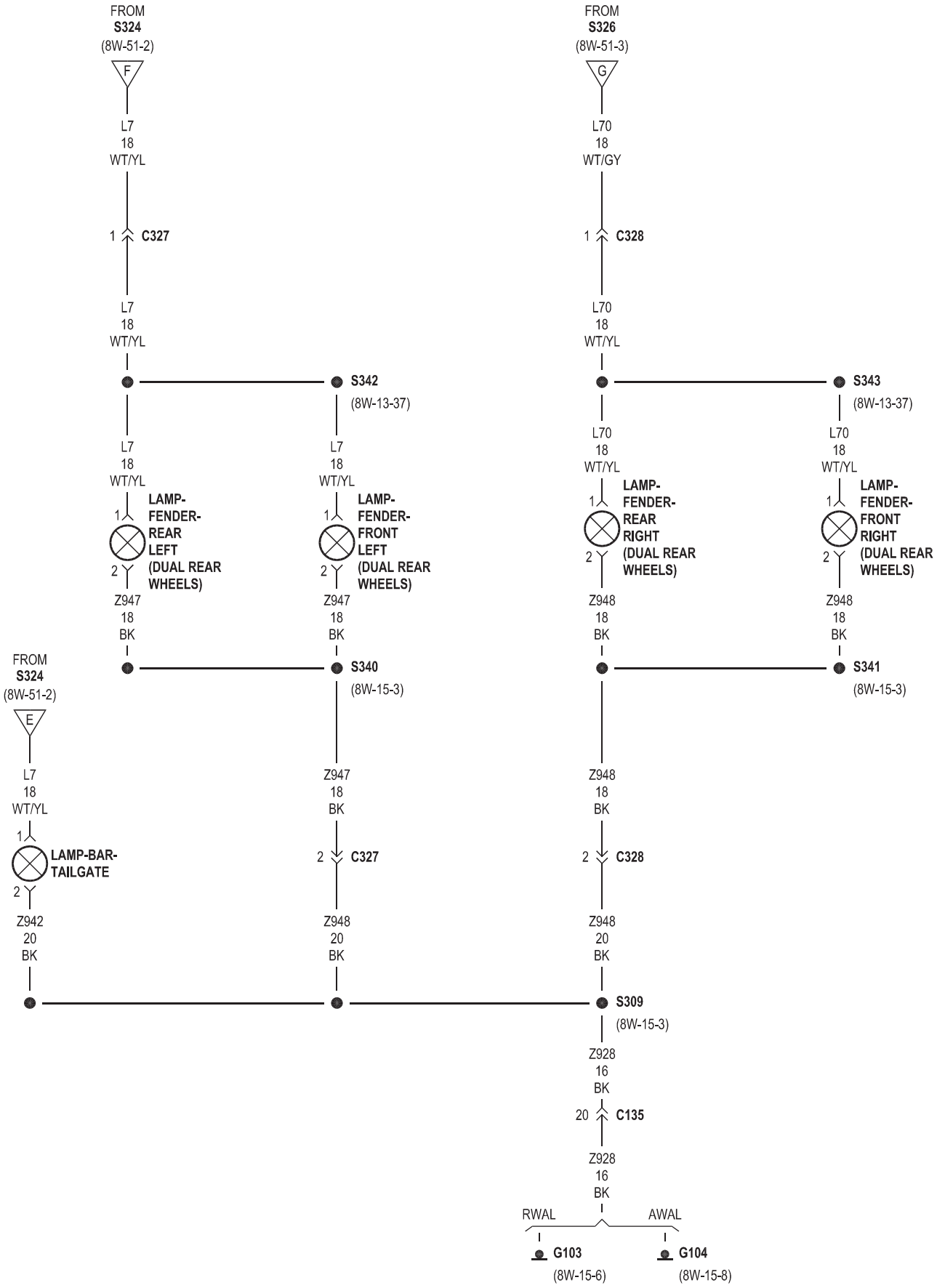

FROM
S106
(8W-50-4)
A
L70
18
WT/GY
19 C219
BASE
EXCEPT BASE
L70
18
WT/GY
L70
18
WT/GY
S241
(8W-13-37)
L70
18
WT/GY
HEAVY DUTY
LIGHT DUTY
1 C206
1 C206
NOT USED
L70
20
WT/GY
S303
(8W-13-37)
L70
20
WT/GY
1
LAMP-
CLEARANCE NO. 1
2
Z946
20
BK
LAMP-
CLEARANCE NO. 2
LAMP-
CLEARANCE NO. 3
LAMP-
CLEARANCE NO. 4
LAMP-
CLEARANCE NO. 5
S305
(8W-15-21)
Z946
20
BK
2 C206
Z946
18
BK
G203
(8W-15-21)

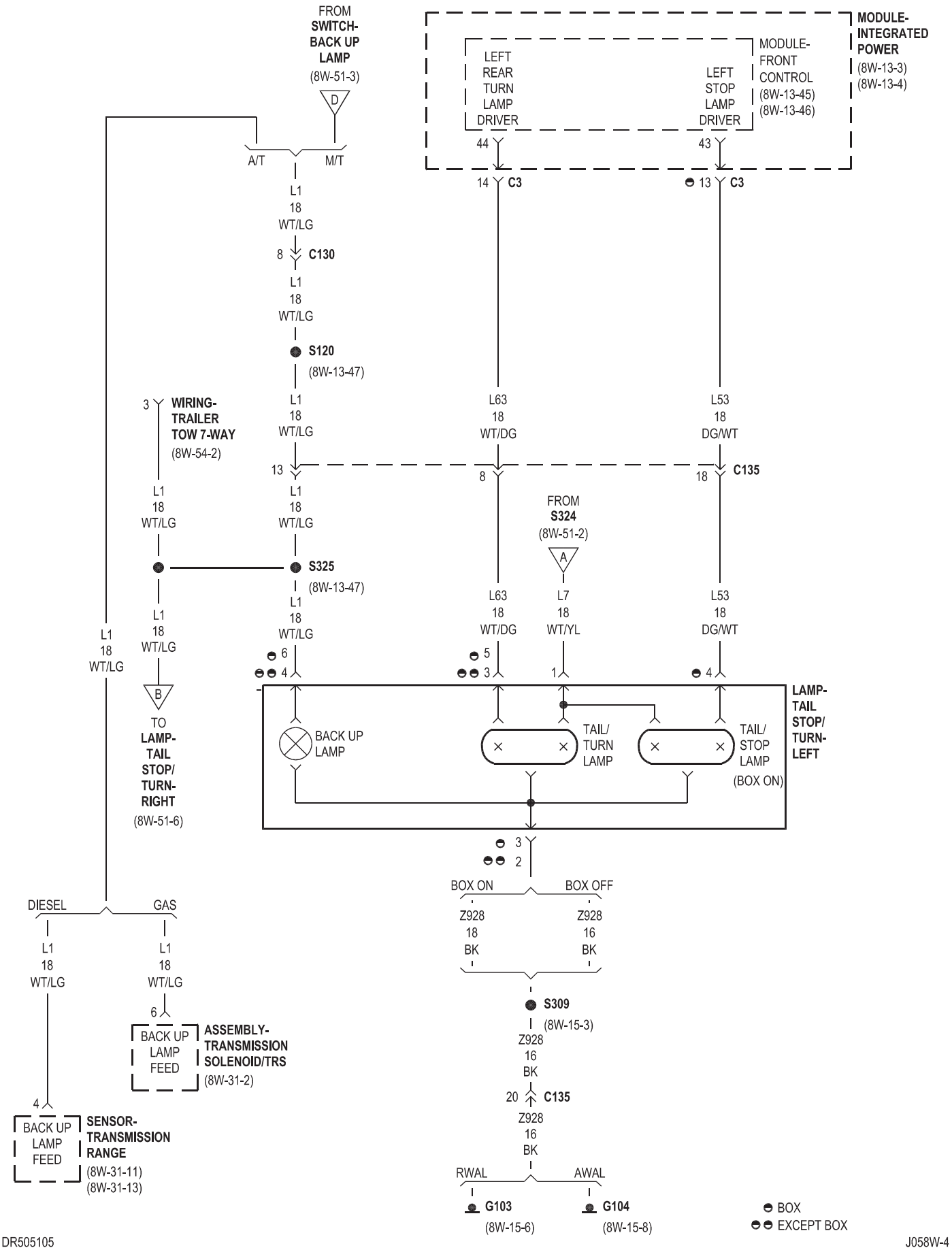
8W-51 REAR LIGHTING

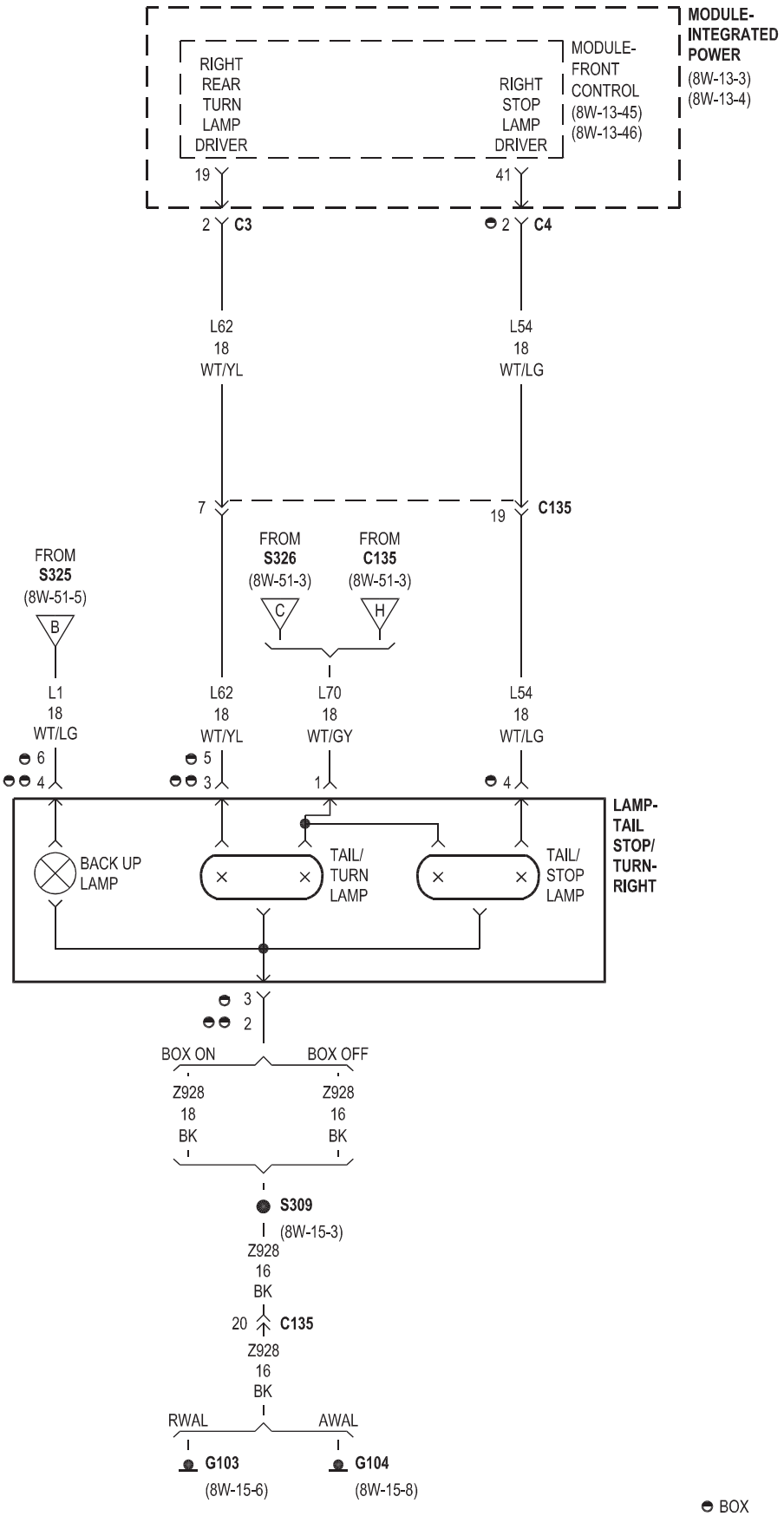
Component	Page
Assembly-Transmission Solenoid/TRS	8W-51-5
Cluster	8W-51-7
Fuse 15	8W-51-2, 3, 7
Fuse 24	8W-51-7
Fuse 32	8W-51-3
Fuse 33	8W-51-7
Fuse 34	8W-51-2
Fuse 38	8W-51-3
G103	8W-51-2, 4, 5, 6
G104	8W-51-2, 4, 5, 6
G203	8W-51-7
Lamp-Bar-Tailgate	8W-51-2, 4
Lamp-Chmsl-Aftermarket	8W-51-7
Lamp-Fender-Front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

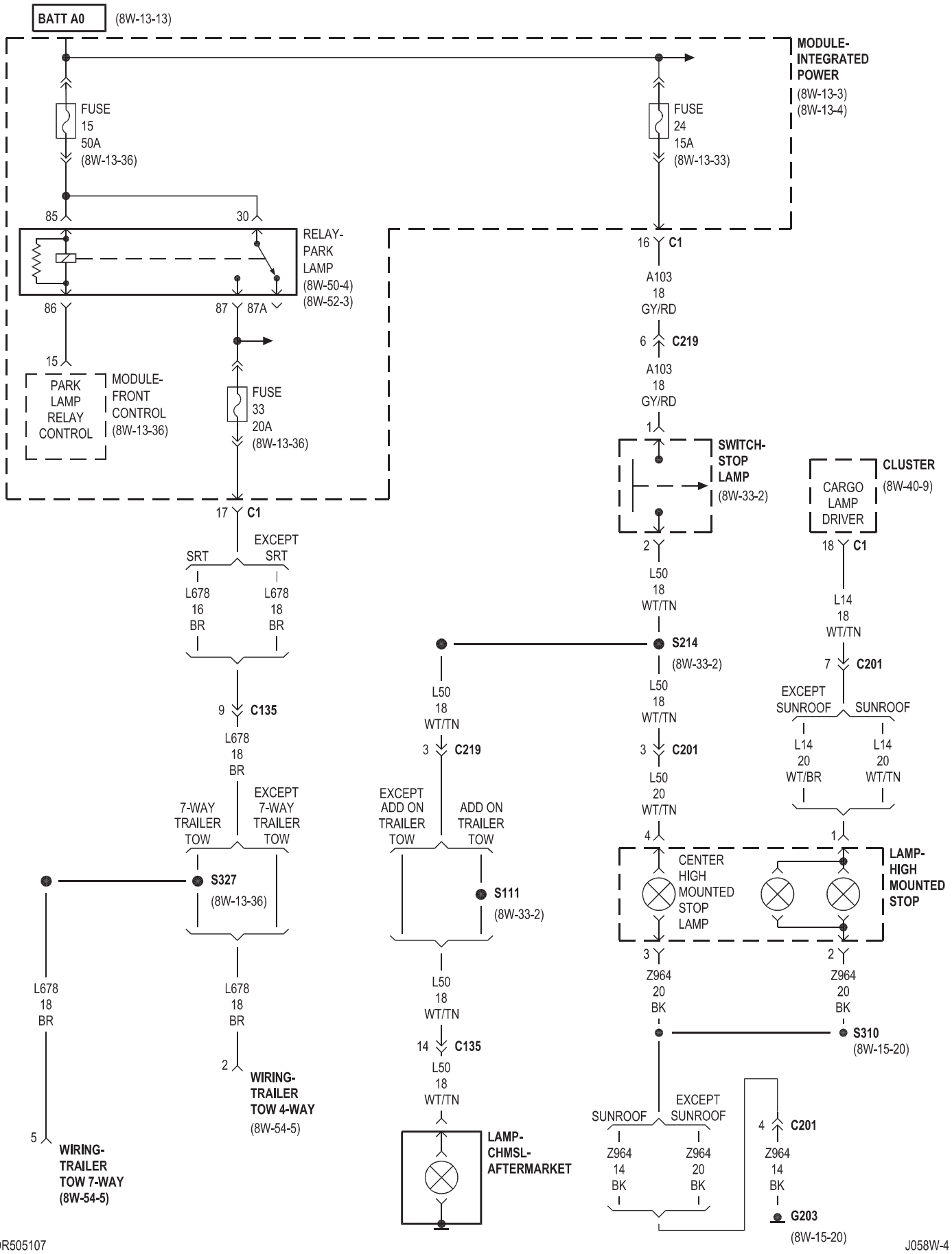

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
15
50A
(8W-13-36)
85
30
RELAY-
PARK
LAMP
(8W-50-4)
(8W-52-3)
86
87
87A
15
PARK
LAMP
RELAY
CONTROL
MODULE-
FRONT
CONTROL
(8W-13-36)
FUSE
34
10A
(8W-13-36)
19
C1
L7
18
WT/YL
S102
(8W-13-36)
BOX ON
BOX OFF
6
C135
S324
(8W-13-36)
1
LAMP-
LICENSE-
LEFT
2
Z367
18
BK/BR
LAMP-
LICENSE-
RIGHT
S309
(8W-15-3)
Z928
16
BK
20
C135
RWAL
AWAL
G103
(8W-15-6)
G104
(8W-15-8)
F
TO
C327
(HEAVY
DUTY)
(8W-51-4)
E
TO
LAMP-BAR-
TAILGATE
(8W-51-4)
A
TO
LAMP-
TAIL
STOP/
TURN-
LEFT
(8W-51-5)
FUSED
PARK
LAMP
RELAY
OUTPUT
LAMP-
TAIL
STOP/
TURN-
LEFT
(8W-51-5)
2
FUSED
PARK
LAMP
RELAY
OUTPUT
LAMP-
PARK/
TURN-
LEFT
FRONT
(8W-50-4)
(8W-52-3)


BATT A0
(8W-13-13)
RUN F922
(8W-13-20)
(8W-13-25)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 15 50A
(8W-13-36)
FUSE 38 15A
(8W-13-41)
85
30
RELAY-PARK LAMP
(8W-50-4)
(8W-52-3)
86
87
87A
15
PARK LAMP RELAY CONTROL
MODULE-FRONT CONTROL
(8W-13-36)
FUSE 32 10A
(8W-13-36)
10 C1
4 C5
L70 18 WT/GY
L10 18 WT/GY
S106
(8W-13-36)
10 C130
2
FUSED PARK LAMP RELAY OUTPUT
LAMP-PARK/TURN-RIGHT FRONT
(8W-50-4)
(8W-52-3)
17 C135
SRT/5.7L NV5600
G56/3.7L/4/7L
A
B
2
SWITCH-BACK UP LAMP (SRT/5.7L NV5600)
SWITCH-BACK UP LAMP (G56/3.7L/4/7L)
1
SRT/5.7L DUAL REAR WHEELS
EXCEPT DUAL REAR WHEELS
S326
(8W-13-37)
L70 18 WT/GY
L70 20 WT/GY
L1 18 WT/LG
C
G
H
D
TO LAMP-TAIL STOP/TURN-RIGHT
(8W-51-6)
TO C328 (HEAVY DUTY)
(8W-51-4)
TO C130
(8W-51-5)
SRT
EXCEPT SRT


FROM
S324
(8W-51-2)
F
L7
18
WT/YL
1
C327
L7
18
WT/YL
S342
(8W-13-37)
L7
18
WT/YL
1
LAMP-
FENDER-
REAR
LEFT
(DUAL REAR
WHEELS)
2
Z947
18
BK
L7
18
WT/YL
1
LAMP-
FENDER-
FRONT
LEFT
(DUAL REAR
WHEELS)
2
Z947
18
BK
S340
(8W-15-3)
FROM
S324
(8W-51-2)
E
L7
18
WT/YL
1
LAMP-BAR-
TAILGATE
2
Z942
20
BK
Z947
18
BK
2
C327
Z948
20
BK
FROM
S326
(8W-51-3)
G
L70
18
WT/GY
1
C328
L70
18
WT/YL
S343
(8W-13-37)
L70
18
WT/YL
1
LAMP-
FENDER-
REAR
RIGHT
(DUAL REAR
WHEELS)
2
Z948
18
BK
L70
18
WT/YL
1
LAMP-
FENDER-
FRONT
RIGHT
(DUAL REAR
WHEELS)
2
Z948
18
BK
S341
(8W-15-3)
Z948
18
BK
2
C328
Z948
20
BK
S309
(8W-15-3)
Z928
16
BK
20
C135
Z928
16
BK
RWAL
AWAL
G103
(8W-15-6)
G104
(8W-15-8)


FROM SWITCH-BACK UP LAMP (8W-51-3)
D
A/T
M/T
MODULE-INTEGRATED POWER (8W-13-3) (8W-13-4)
LEFT REAR TURN LAMP DRIVER
LEFT STOP LAMP DRIVER
MODULE-FRONT CONTROL (8W-13-45) (8W-13-46)
44
43
14 C3
13 C3
L1 18 WT/LG
8 C130
S120 (8W-13-47)
3 WIRING-TRAILER TOW 7-WAY (8W-54-2)
L63 18 WT/DG
L53 18 DG/WT
13
8
18 C135
FROM S324 (8W-51-2)
A
L7 18 WT/YL
S325 (8W-13-47)
B
TO LAMP-TAIL STOP/TURN-RIGHT (8W-51-6)
BACK UP LAMP
TAIL/TURN LAMP
TAIL/STOP LAMP
(BOX ON)
LAMP-TAIL STOP/TURN-LEFT
DIESEL
GAS
BOX ON
BOX OFF
Z928 18 BK
Z928 16 BK
S309 (8W-15-3)
20 C135
BACK UP LAMP FEED
ASSEMBLY-TRANSMISSION SOLENOID/TRS (8W-31-2)
SENSOR-TRANSMISSION RANGE (8W-31-11) (8W-31-13)
RWAL
AWAL
G103 (8W-15-6)
G104 (8W-15-8)
BOX
EXCEPT BOX


MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
MODULE-
FRONT
CONTROL
(8W-13-45)
(8W-13-46)
RIGHT
REAR
TURN
LAMP
DRIVER
RIGHT
STOP
LAMP
DRIVER
19
41
2 C3
2 C4
L62
18
WT/YL
L54
18
WT/LG
7
19 C135
FROM
S325
(8W-51-5)
B
FROM
S326
(8W-51-3)
C
FROM
C135
(8W-51-3)
H
L1
18
WT/LG
L62
18
WT/YL
L70
18
WT/GY
L54
18
WT/LG
6
4
5
3
1
4
LAMP-
TAIL
STOP/
TURN-
RIGHT
BACK UP
LAMP
TAIL/
TURN
LAMP
TAIL/
STOP
LAMP
3
2
BOX ON
BOX OFF
Z928
18
BK
Z928
16
BK
S309
(8W-15-3)
Z928
16
BK
20 C135
Z928
16
BK
RWAL
AWAL
G103
(8W-15-6)
G104
(8W-15-8)
BOX
EXCEPT BOX

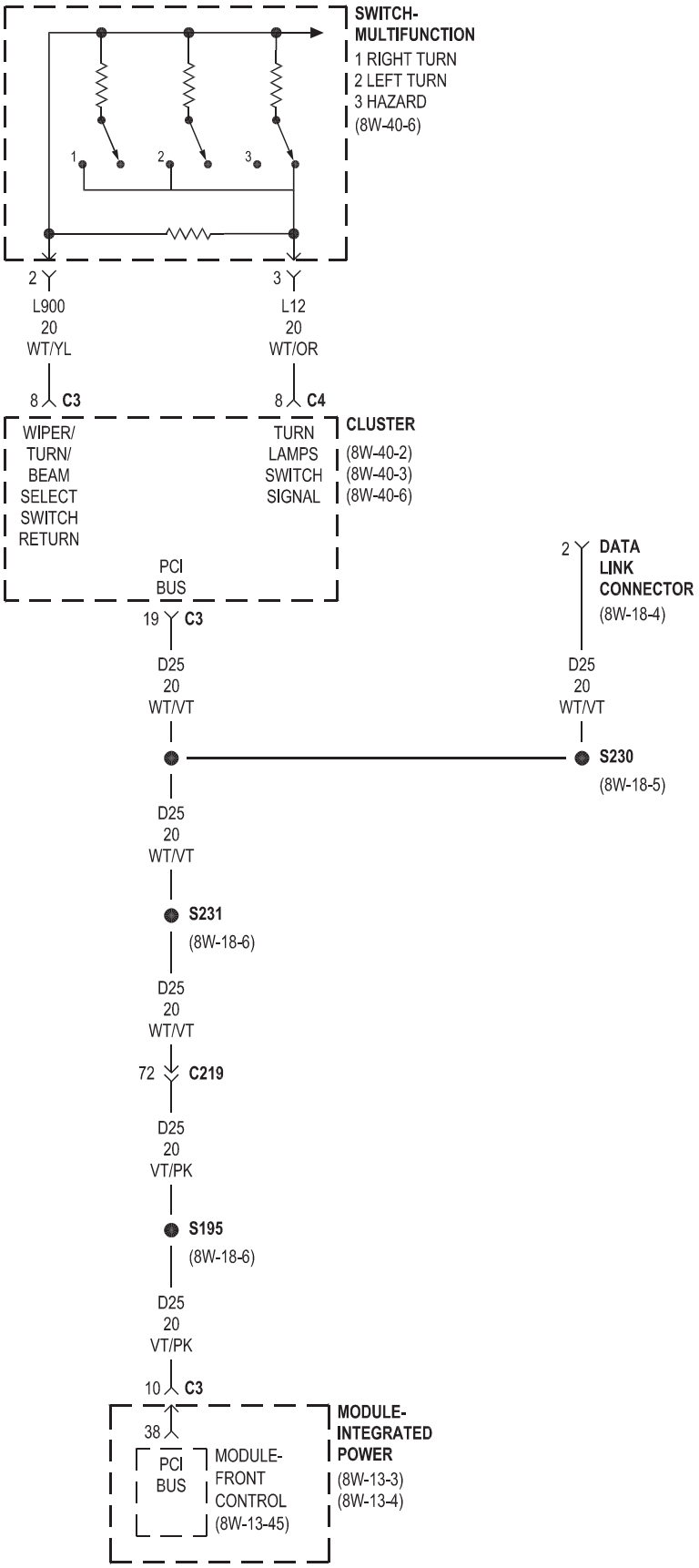


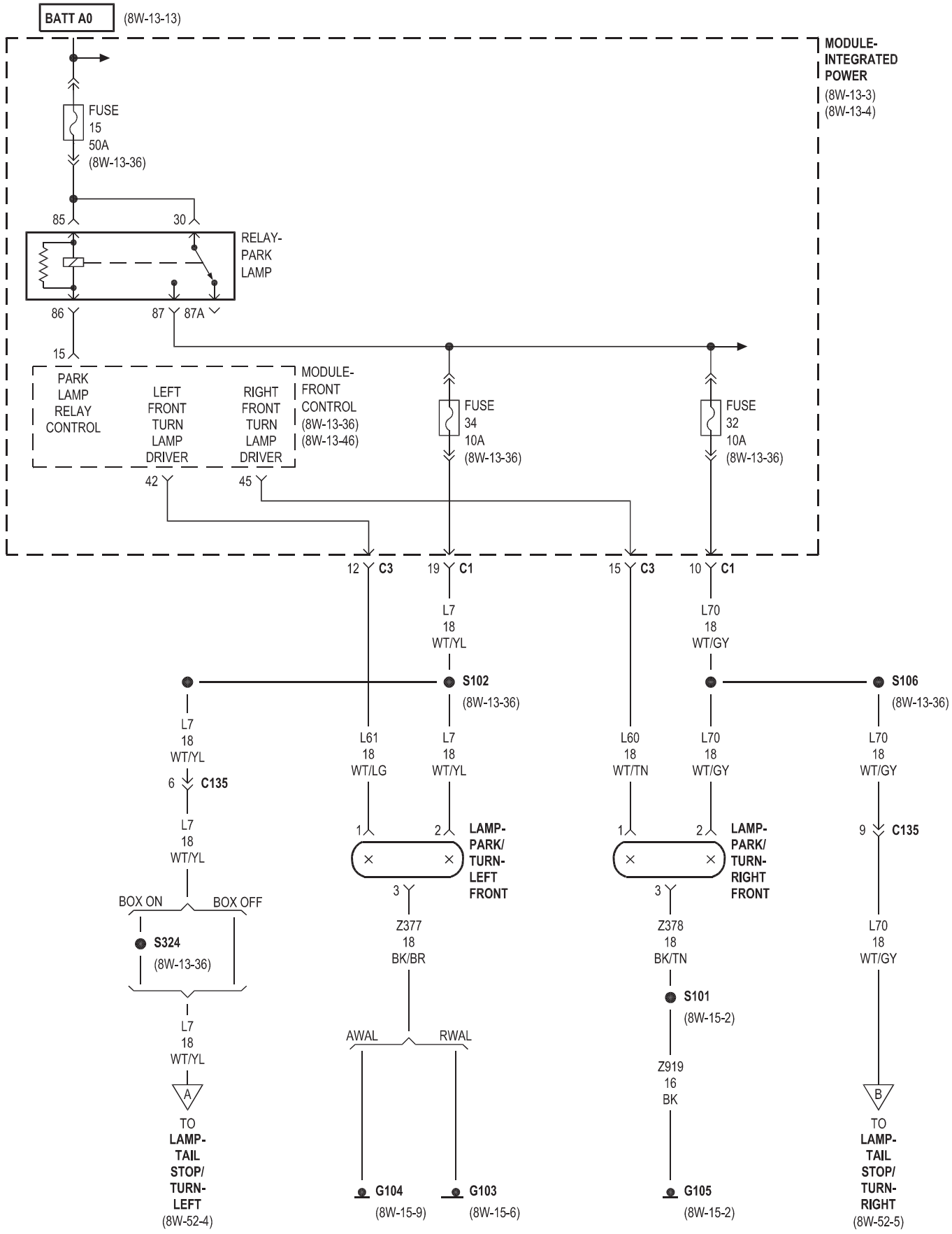
DR505107

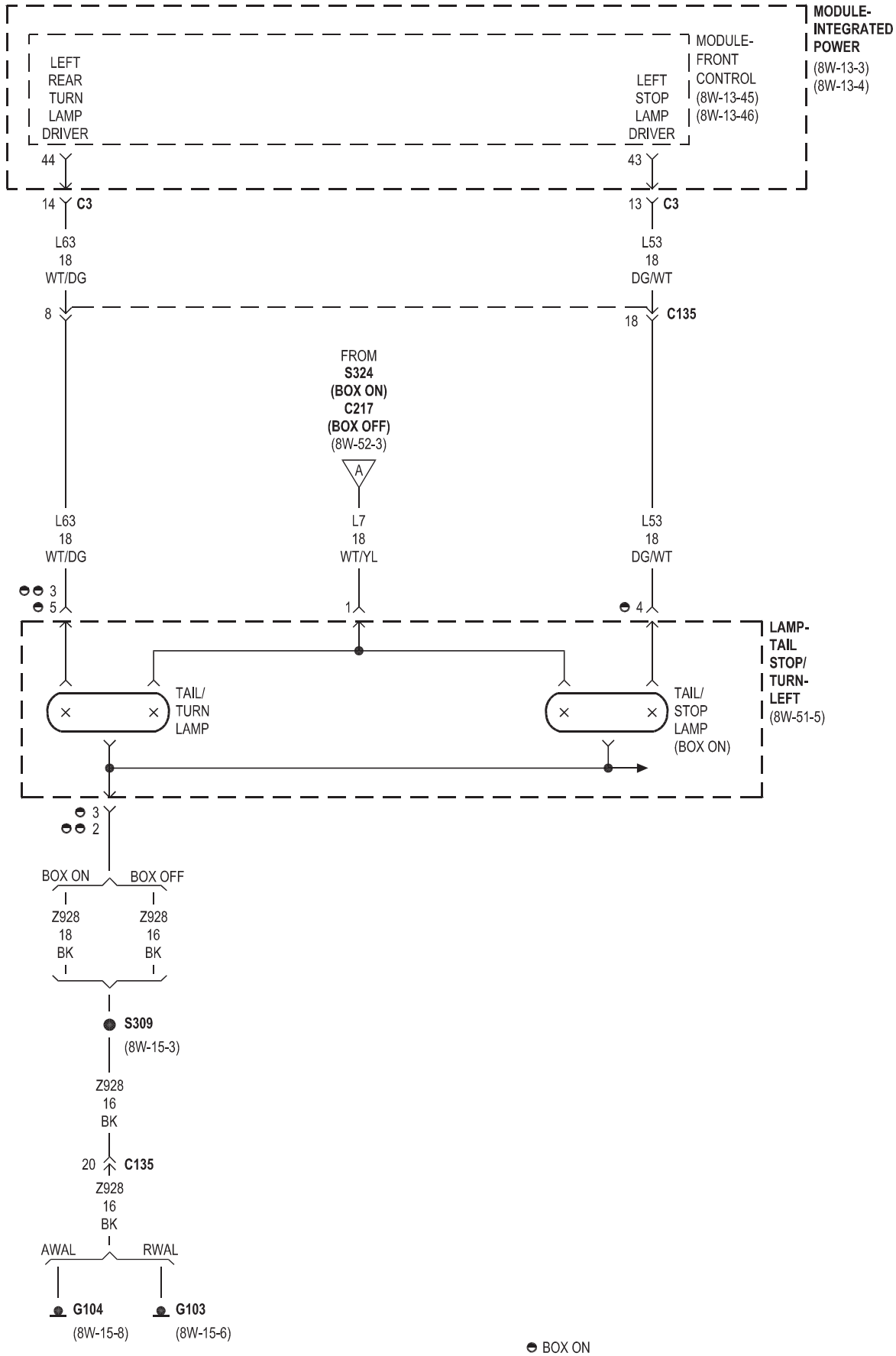
J058W-4

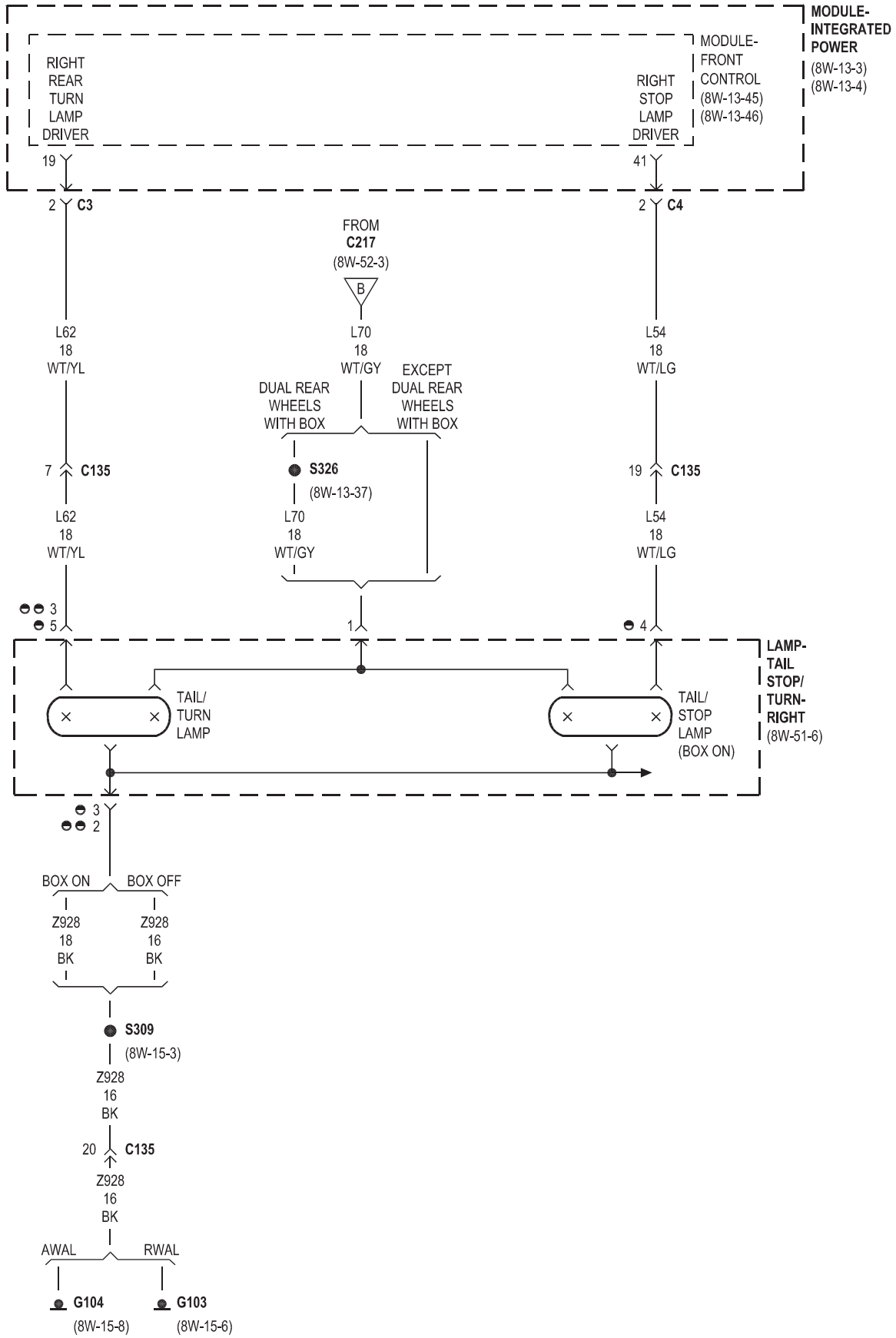
8W-52 TURN SIGNALS

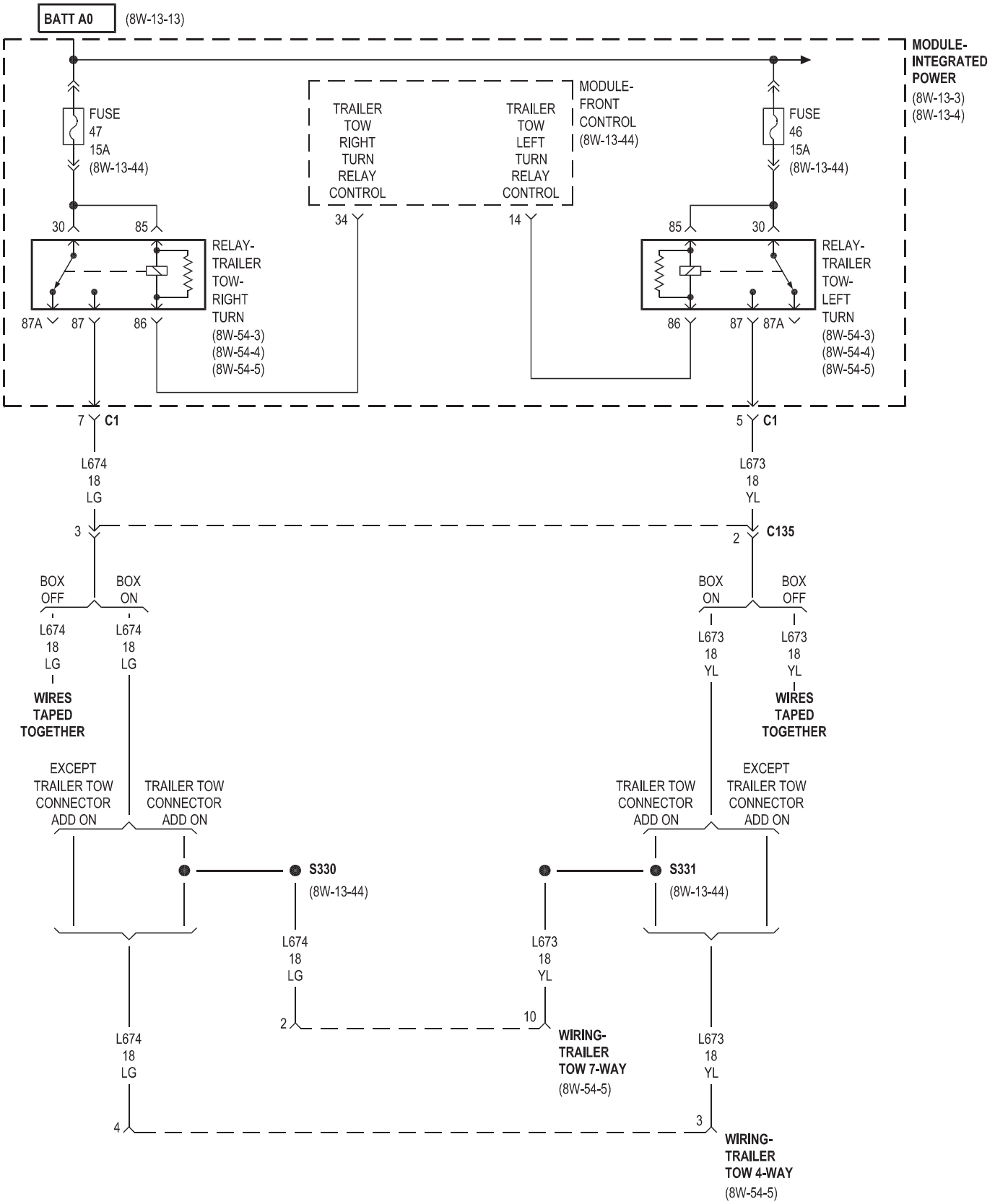
Component	Page
Cluster	8W-52-2
Data Link Connector	8W-52-2
Fuse 15	8W-52-3
Fuse 32	8W-52-3
Fuse 34	8W-52-3
Fuse 46	8W-52-6
Fuse 47	8W-52-6
G103	8W-52-3, 4, 5
G104	8W-52-3, 4, 5
G105	8W-52-3
Lamp-Park/Turn-Left Front	8W-52-3
Lamp-Park/Turn-Right Front	8W-52-3
Lamp-Tail Stop/Turn-Left	8W-52-3, 4
Lamp-Tail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


SWITCH-
MULTIFUNCTION
1 RIGHT TURN
2 LEFT TURN
3 HAZARD
(8W-40-6)
1
2
3
2
L900
20
WT/YL
3
L12
20
WT/OR
8 C3
8 C4
WIPER/
TURN/
BEAM
SELECT
SWITCH
RETURN
TURN
LAMPS
SWITCH
SIGNAL
CLUSTER
(8W-40-2)
(8W-40-3)
(8W-40-6)
PCI
BUS
19 C3
D25
20
WT/VT
2
DATA
LINK
CONNECTOR
(8W-18-4)
D25
20
WT/VT
S230
(8W-18-5)
D25
20
WT/VT
S231
(8W-18-6)
D25
20
WT/VT
72 C219
D25
20
VT/PK
S195
(8W-18-6)
D25
20
VT/PK
10 C3
38
PCI
BUS
MODULE-
FRONT
CONTROL
(8W-13-45)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
15
50A
(8W-13-36)
85
30
RELAY-
PARK
LAMP
86
87
87A
15
PARK
LAMP
RELAY
CONTROL
LEFT
FRONT
TURN
LAMP
DRIVER
RIGHT
FRONT
TURN
LAMP
DRIVER
MODULE-
FRONT
CONTROL
(8W-13-36)
(8W-13-46)
42
45
FUSE
34
10A
(8W-13-36)
FUSE
32
10A
(8W-13-36)
12 C3
19 C1
15 C3
10 C1
L7
18
WT/YL
L70
18
WT/GY
S102
(8W-13-36)
S106
(8W-13-36)
L7
18
WT/YL
6 C135
L7
18
WT/YL
BOX ON
BOX OFF
S324
(8W-13-36)
L7
18
WT/YL
A
TO
LAMP-
TAIL
STOP/
TURN-
LEFT
(8W-52-4)
L61
18
WT/LG
L7
18
WT/YL
1
2
3
LAMP-
PARK/
TURN-
LEFT
FRONT
Z377
18
BK/BR
AWAL
RWAL
G104
(8W-15-9)
G103
(8W-15-6)
L60
18
WT/TN
L70
18
WT/GY
1
2
3
LAMP-
PARK/
TURN-
RIGHT
FRONT
Z378
18
BK/TN
S101
(8W-15-2)
Z919
16
BK
G105
(8W-15-2)
L70
18
WT/GY
9 C135
L70
18
WT/GY
B
TO
LAMP-
TAIL
STOP/
TURN-
RIGHT
(8W-52-5)

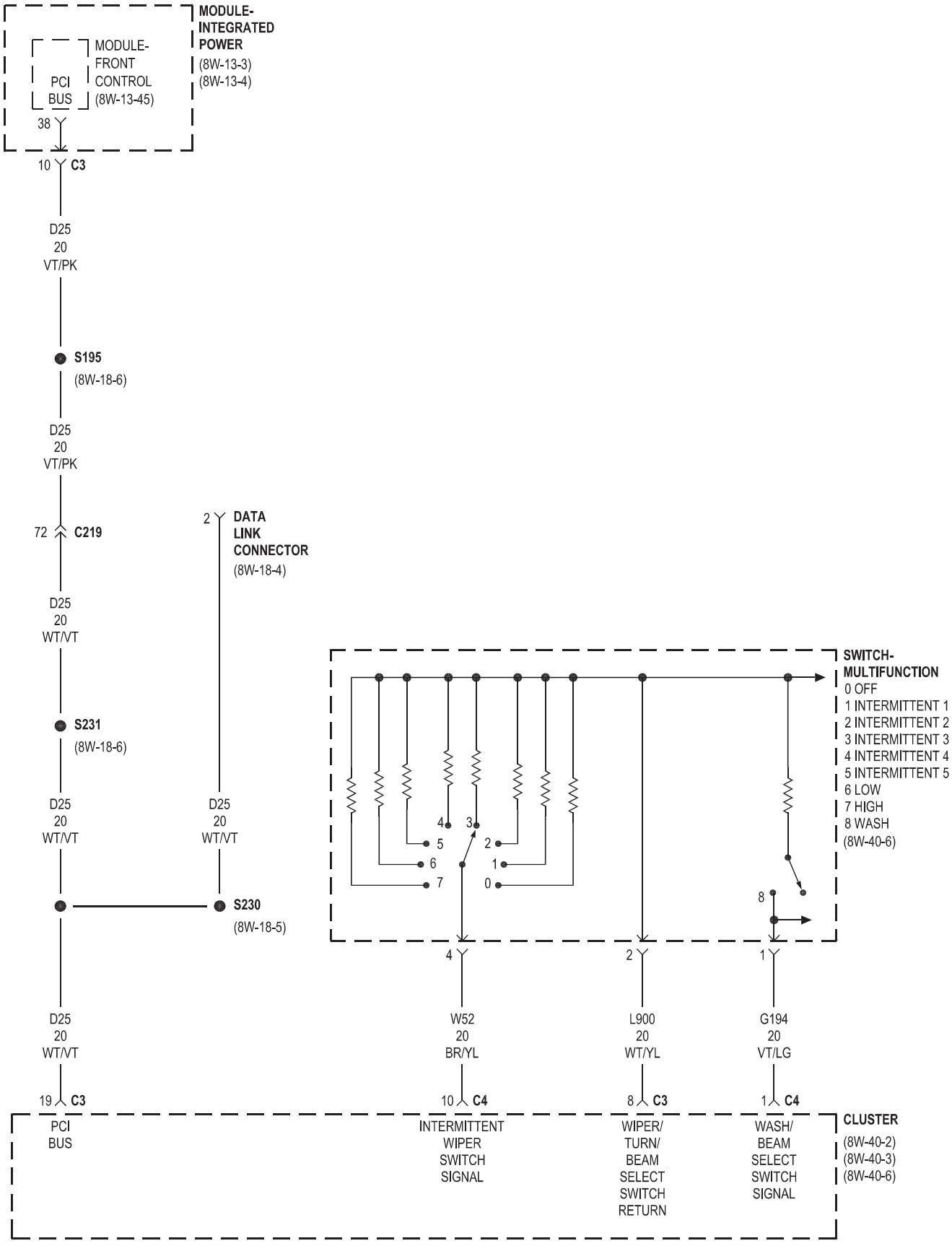

MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-45)
(8W-13-46)
LEFT REAR TURN LAMP DRIVER
LEFT STOP LAMP DRIVER
44
43
14 C3
13 C3
L63 18 WT/DG
L53 18 DG/WT
8
18 C135
FROM S324 (BOX ON) C217 (BOX OFF)
(8W-52-3)
A
L63 18 WT/DG
L7 18 WT/YL
L53 18 DG/WT
3
5
1
4
LAMP-TAIL STOP/TURN-LEFT
(8W-51-5)
TAIL/TURN LAMP
TAIL/STOP LAMP (BOX ON)
3
2
BOX ON
BOX OFF
Z928 18 BK
Z928 16 BK
S309
(8W-15-3)
Z928 16 BK
20 C135
Z928 16 BK
AWAL
RWAL
G104
(8W-15-8)
G103
(8W-15-6)
BOX ON
BOX OFF

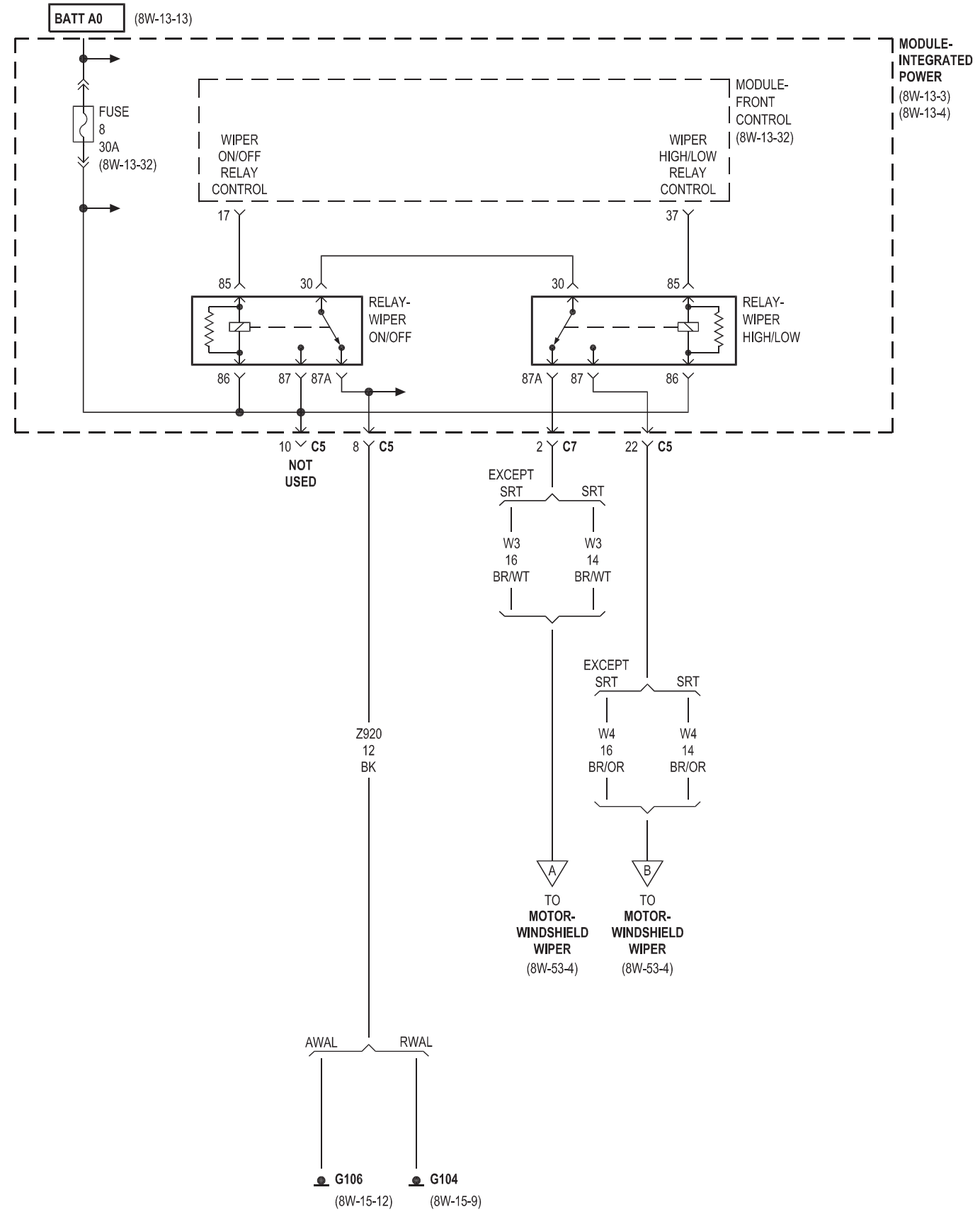

MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-45)
(8W-13-46)
RIGHT REAR TURN LAMP DRIVER
RIGHT STOP LAMP DRIVER
19
41
2 C3
2 C4
FROM C217
(8W-52-3)
B
L62 18 WT/YL
L70 18 WT/GY
L54 18 WT/LG
DUAL REAR WHEELS WITH BOX
EXCEPT DUAL REAR WHEELS WITH BOX
7 C135
S326
(8W-13-37)
19 C135
L62 18 WT/YL
L70 18 WT/GY
L54 18 WT/LG
3
5
1
4
LAMP-TAIL STOP/ TURN-RIGHT
(8W-51-6)
TAIL/ TURN LAMP
TAIL/ STOP LAMP (BOX ON)
3
2
BOX ON
BOX OFF
Z928 18 BK
Z928 16 BK
S309
(8W-15-3)
Z928 16 BK
20 C135
Z928 16 BK
AWAL
RWAL
G104
(8W-15-8)
G103
(8W-15-6)
BOX ON
BOX OFF

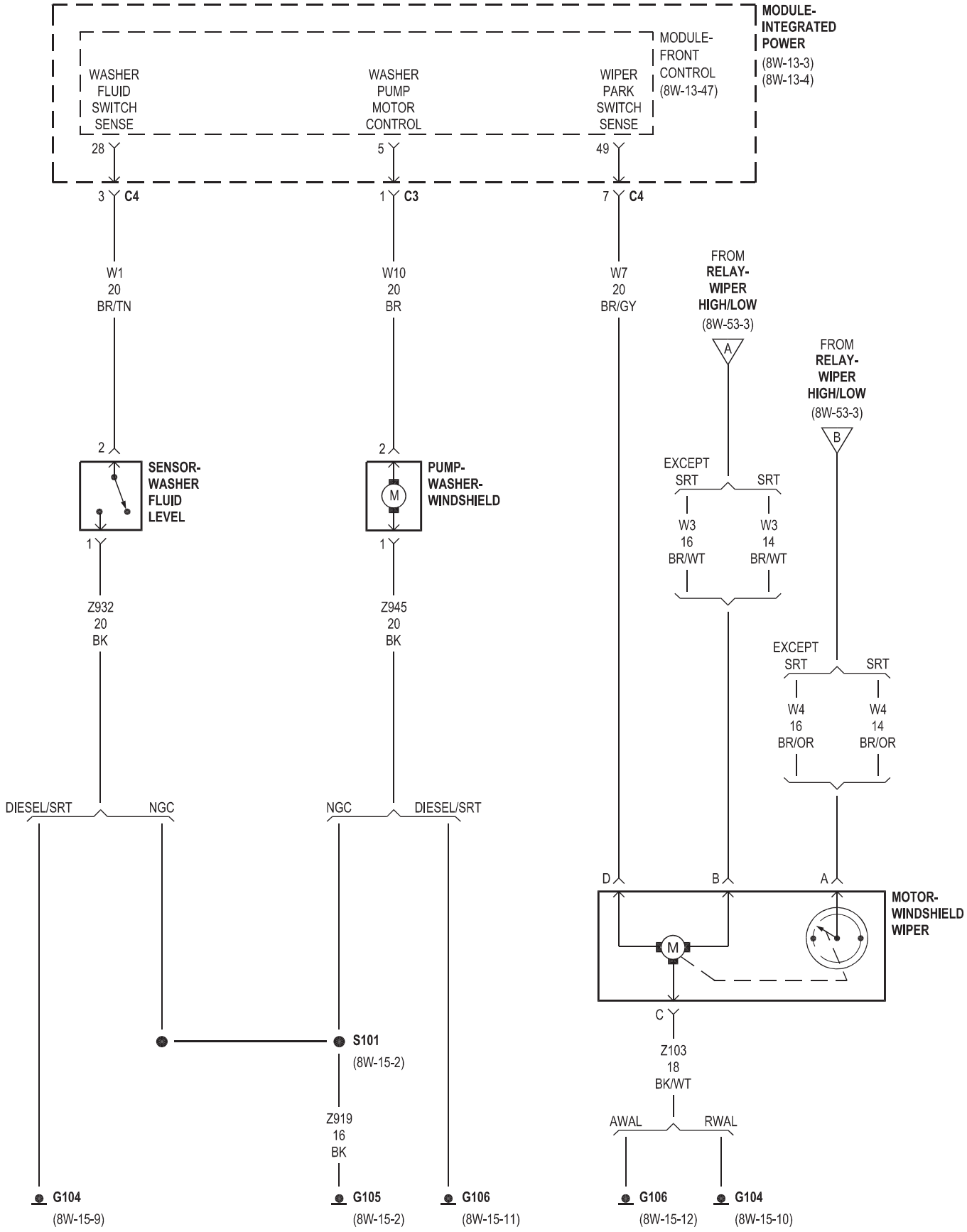

BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
47
15A
(8W-13-44)
TRAILER
TOW
RIGHT
TURN
RELAY
CONTROL
34
MODULE-
FRONT
CONTROL
(8W-13-44)
TRAILER
TOW
LEFT
TURN
RELAY
CONTROL
14
FUSE
46
15A
(8W-13-44)
30
85
87A
87
86
RELAY-
TRAILER
TOW-
RIGHT
TURN
(8W-54-3)
(8W-54-4)
(8W-54-5)
85
30
86
87
87A
RELAY-
TRAILER
TOW-
LEFT
TURN
(8W-54-3)
(8W-54-4)
(8W-54-5)
7
C1
5
C1
L674
18
LG
L673
18
YL
3
2
C135
BOX
OFF
BOX
ON
BOX
ON
BOX
OFF
L674
18
LG
L674
18
LG
L673
18
YL
L673
18
YL
WIRES
TAPED
TOGETHER
WIRES
TAPED
TOGETHER
EXCEPT
TRAILER TOW
CONNECTOR
ADD ON
TRAILER TOW
CONNECTOR
ADD ON
TRAILER TOW
CONNECTOR
ADD ON
EXCEPT
TRAILER TOW
CONNECTOR
ADD ON
S330
(8W-13-44)
S331
(8W-13-44)
L674
18
LG
L673
18
YL
2
10
WIRING-
TRAILER
TOW 7-WAY
(8W-54-5)
L674
18
LG
L673
18
YL
4
3
WIRING-
TRAILER
TOW 4-WAY
(8W-54-5)

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
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

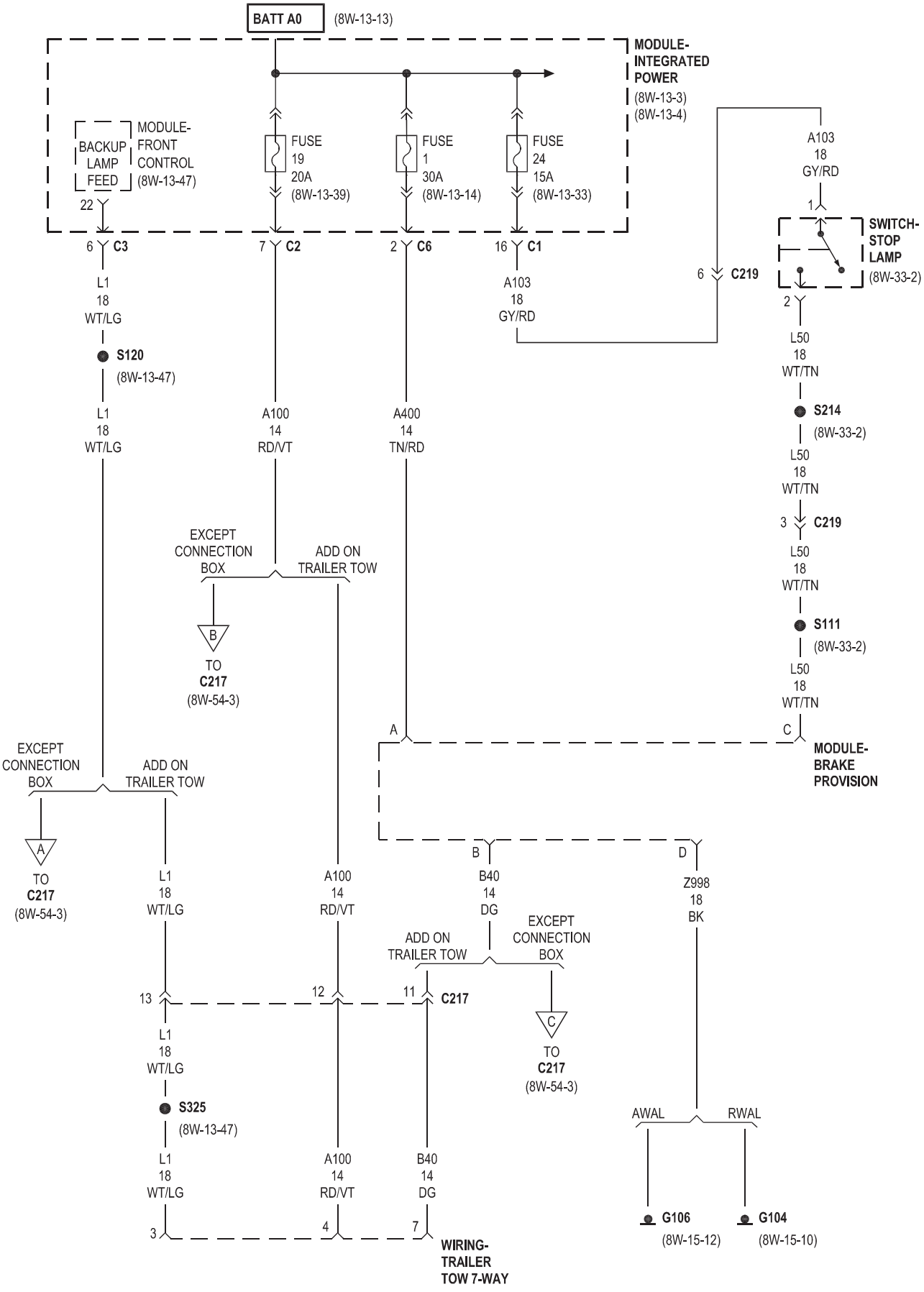

MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
MODULE-
FRONT
CONTROL
(8W-13-45)
PCI
BUS
38
10 C3
D25
20
VT/PK
S195
(8W-18-6)
D25
20
VT/PK
72 C219
D25
20
WT/VT
S231
(8W-18-6)
D25
20
WT/VT
2 DATA
LINK
CONNECTOR
(8W-18-4)
D25
20
WT/VT
S230
(8W-18-5)
SWITCH-
MULTIFUNCTION
0 OFF
1 INTERMITTENT 1
2 INTERMITTENT 2
3 INTERMITTENT 3
4 INTERMITTENT 4
5 INTERMITTENT 5
6 LOW
7 HIGH
8 WASH
(8W-40-6)
4
2
1
W52
20
BR/YL
L900
20
WT/YL
G194
20
VT/LG
D25
20
WT/VT
19 C3
10 C4
8 C3
1 C4
PCI
BUS
INTERMITTENT
WIPER
SWITCH
SIGNAL
WIPER/
TURN/
BEAM
SELECT
SWITCH
RETURN
WASH/
BEAM
SELECT
SWITCH
SIGNAL
CLUSTER
(8W-40-2)
(8W-40-3)
(8W-40-6)


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
8
30A
(8W-13-32)
MODULE-
FRONT
CONTROL
(8W-13-32)
WIPER
ON/OFF
RELAY
CONTROL
WIPER
HIGH/LOW
RELAY
CONTROL
17
37
85
30
30
85
RELAY-
WIPER
ON/OFF
RELAY-
WIPER
HIGH/LOW
86
87
87A
87A
87
86
10 C5
NOT
USED
8 C5
2 C7
22 C5
EXCEPT
SRT
SRT
W3
16
BR/WT
W3
14
BR/WT
EXCEPT
SRT
SRT
Z920
12
BK
W4
16
BR/OR
W4
14
BR/OR
A
B
TO
MOTOR-
WINDSHIELD
WIPER
(8W-53-4)
TO
MOTOR-
WINDSHIELD
WIPER
(8W-53-4)
AWAL
RWAL
G106
(8W-15-12)
G104
(8W-15-9)

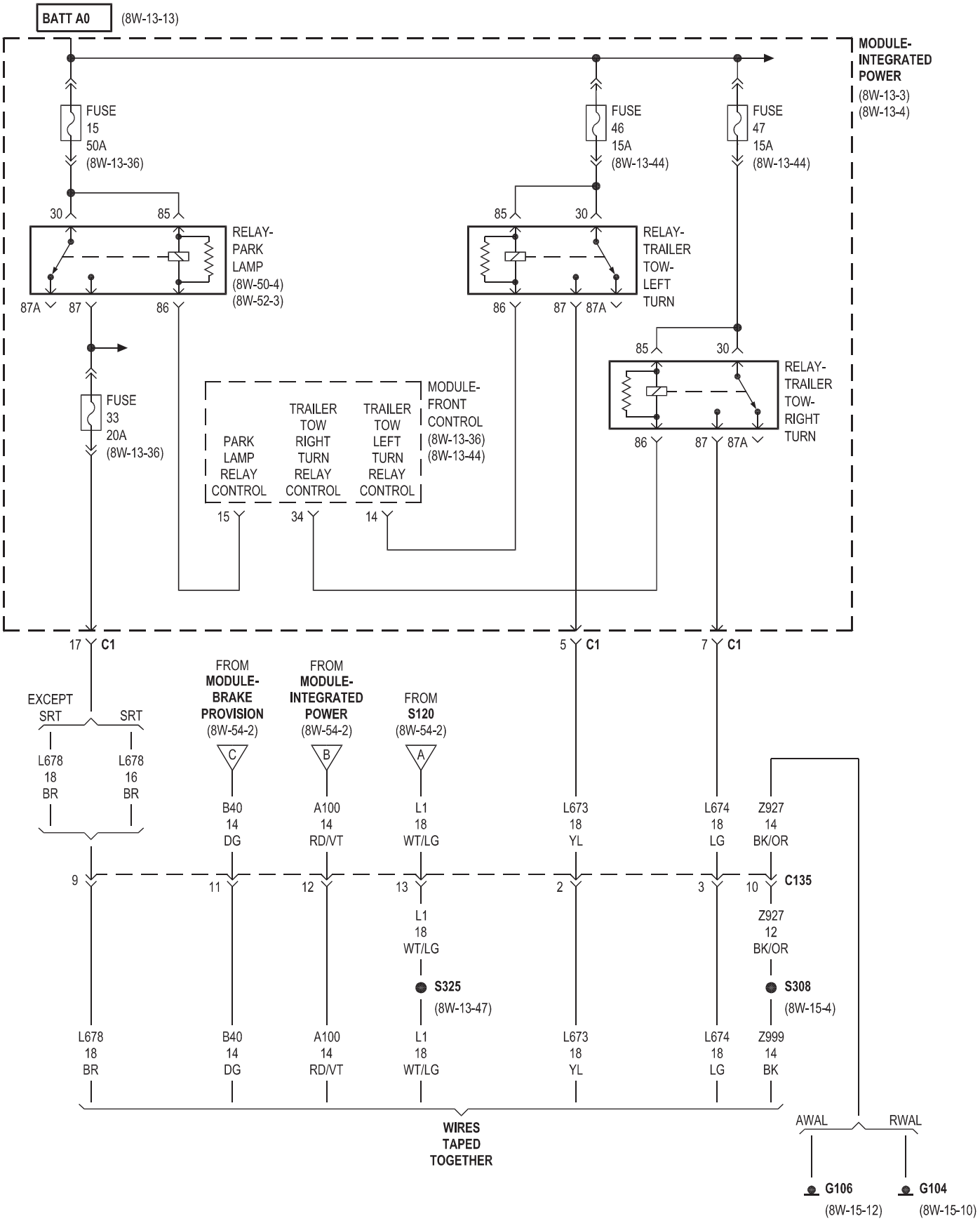

MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
MODULE-FRONT CONTROL
(8W-13-47)
WASHER FLUID SWITCH SENSE
WASHER PUMP MOTOR CONTROL
WIPER PARK SWITCH SENSE
28
5
49
3 C4
1 C3
7 C4
W1
20
BR/TN
W10
20
BR
W7
20
BR/GY
FROM RELAY-WIPER HIGH/LOW
(8W-53-3)
A
FROM RELAY-WIPER HIGH/LOW
(8W-53-3)
B
2
2
SENSOR-WASHER FLUID LEVEL
PUMP-WASHER-WINDSHIELD
M
EXCEPT SRT
SRT
W3
16
BR/WT
W3
14
BR/WT
1
1
Z932
20
BK
Z945
20
BK
EXCEPT SRT
SRT
W4
16
BR/OR
W4
14
BR/OR
DIESEL/SRT
NGC
NGC
DIESEL/SRT
D
B
A
MOTOR-WINDSHIELD WIPER
M
C
S101
(8W-15-2)
Z103
18
BK/WT
Z919
16
BK
AWAL
RWAL
G104
(8W-15-9)
G105
(8W-15-2)
G106
(8W-15-11)
G106
(8W-15-12)
G104
(8W-15-10)

8W-54 TRAILER TOW

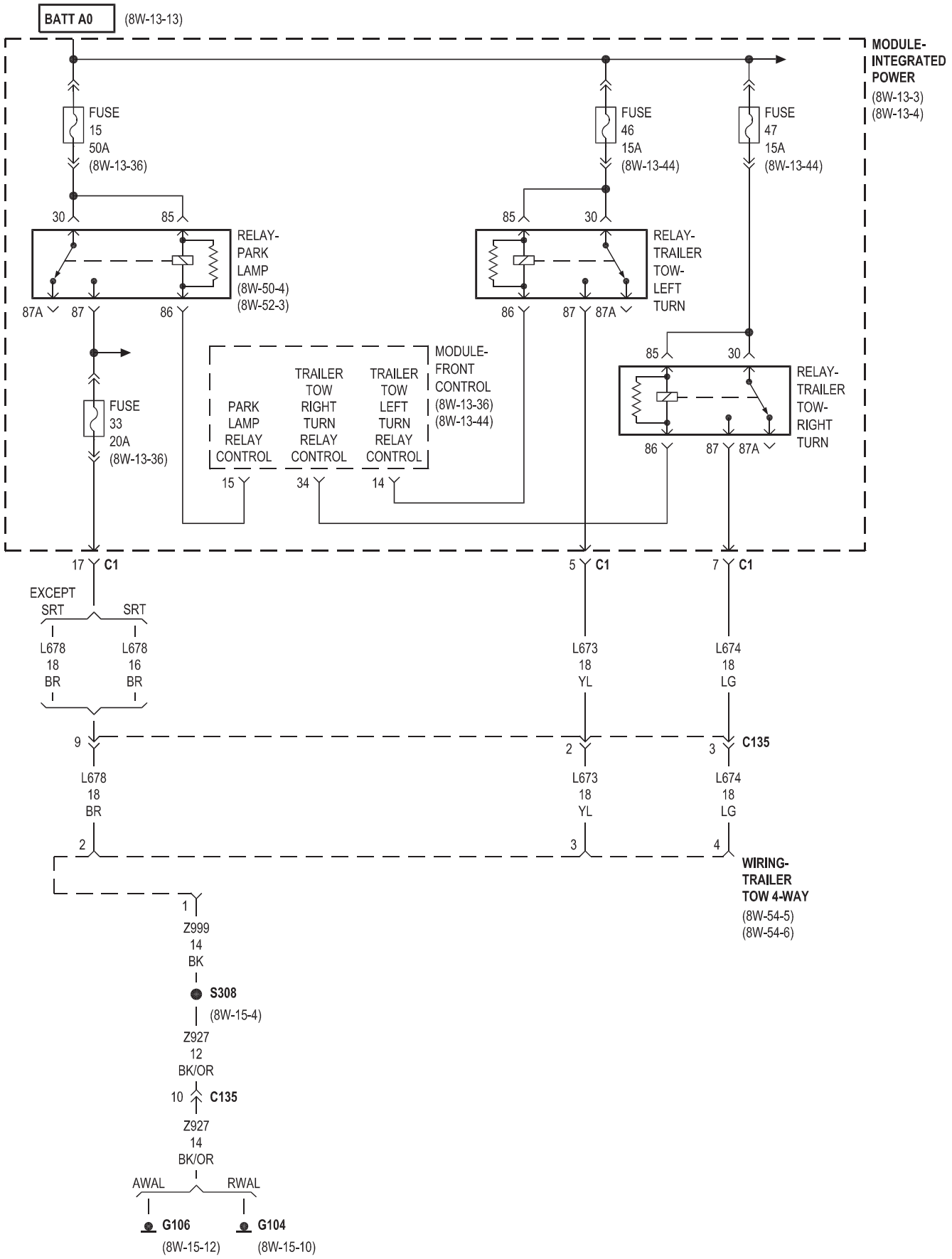
Component	Page
Fuse 1	8W-54-2
Fuse 15	8W-54-3, 4, 5
Fuse 19	8W-54-2
Fuse 24	8W-54-2
Fuse 33	8W-54-3, 4, 5
Fuse 46	8W-54-3, 4, 5
Fuse 47	8W-54-3, 4, 5
G104	8W-54-2, 3, 4, 6
G106	8W-54-2, 3, 4, 6
Module-Brake Provision	8W-54-2, 3
Module-Front Control	8W-54-2, 3, 4, 5
Module-Integrated Power	8W-54-2, 3, 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


BATT A0
(8W-13-13)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
BACKUP
LAMP
FEED
MODULE-
FRONT
CONTROL
(8W-13-47)
22
FUSE
19
20A
(8W-13-39)
FUSE
1
30A
(8W-13-14)
FUSE
24
15A
(8W-13-33)
A103
18
GY/RD
1
SWITCH-
STOP
LAMP
(8W-33-2)
6 C3
7 C2
2 C6
16 C1
6 C219
2
L1
18
WT/LG
S120
(8W-13-47)
A103
18
GY/RD
L50
18
WT/TN
S214
(8W-33-2)
L50
18
WT/TN
3 C219
L50
18
WT/TN
S111
(8W-33-2)
L50
18
WT/TN
L1
18
WT/LG
A100
14
RD/VT
A400
14
TN/RD
EXCEPT
CONNECTION
BOX
ADD ON
TRAILER TOW
B
TO
C217
(8W-54-3)
A
C
MODULE-
BRAKE
PROVISION
EXCEPT
CONNECTION
BOX
ADD ON
TRAILER TOW
A
TO
C217
(8W-54-3)
L1
18
WT/LG
A100
14
RD/VT
B
D
B40
14
DG
Z998
18
BK
ADD ON
TRAILER TOW
EXCEPT
CONNECTION
BOX
13
12
11
C217
C
TO
C217
(8W-54-3)
L1
18
WT/LG
S325
(8W-13-47)
L1
18
WT/LG
A100
14
RD/VT
B40
14
DG
AWAL
RWAL
3
4
7
G106
(8W-15-12)
G104
(8W-15-10)
WIRING-
TRAILER
TOW 7-WAY

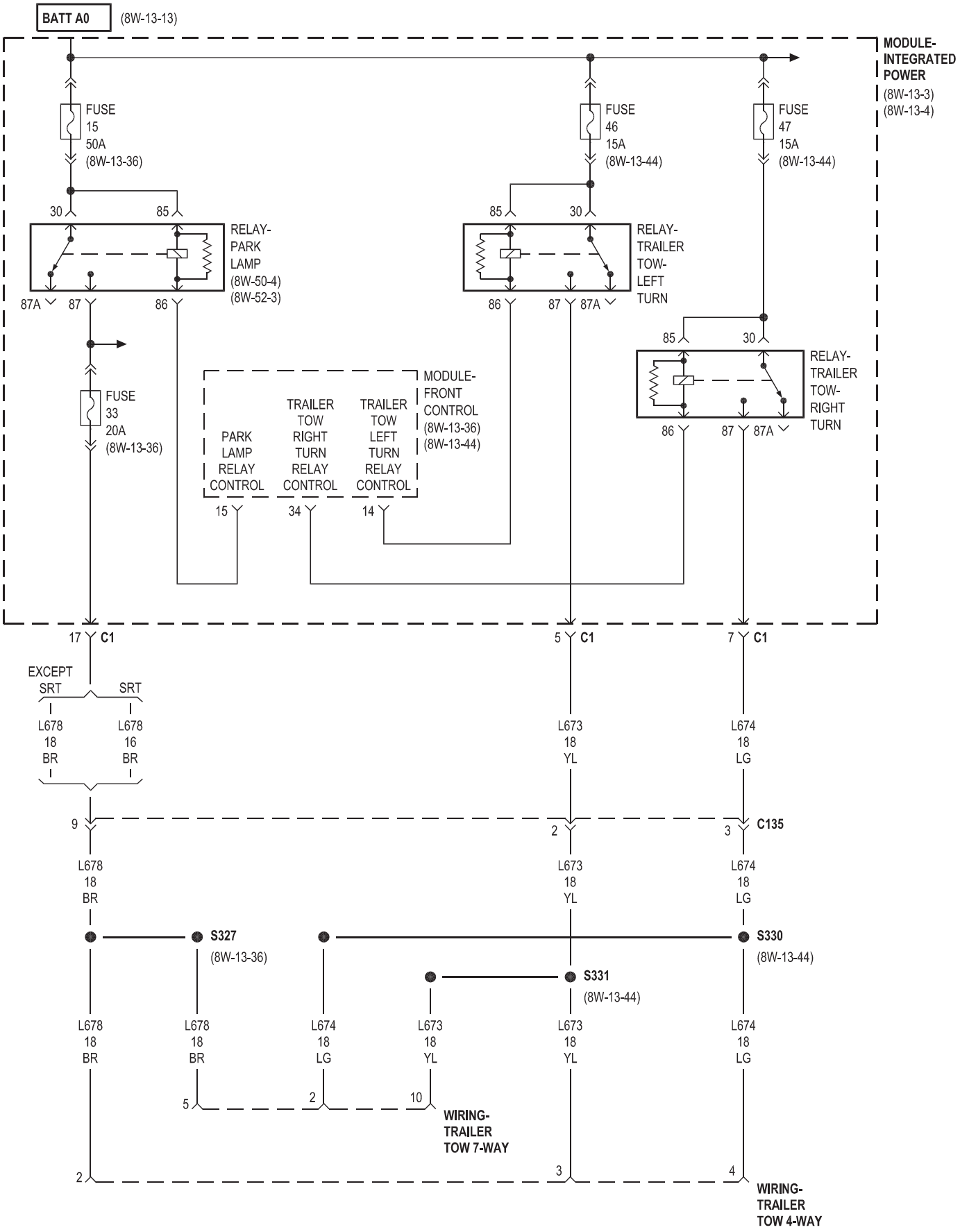
EXCEPT BOX

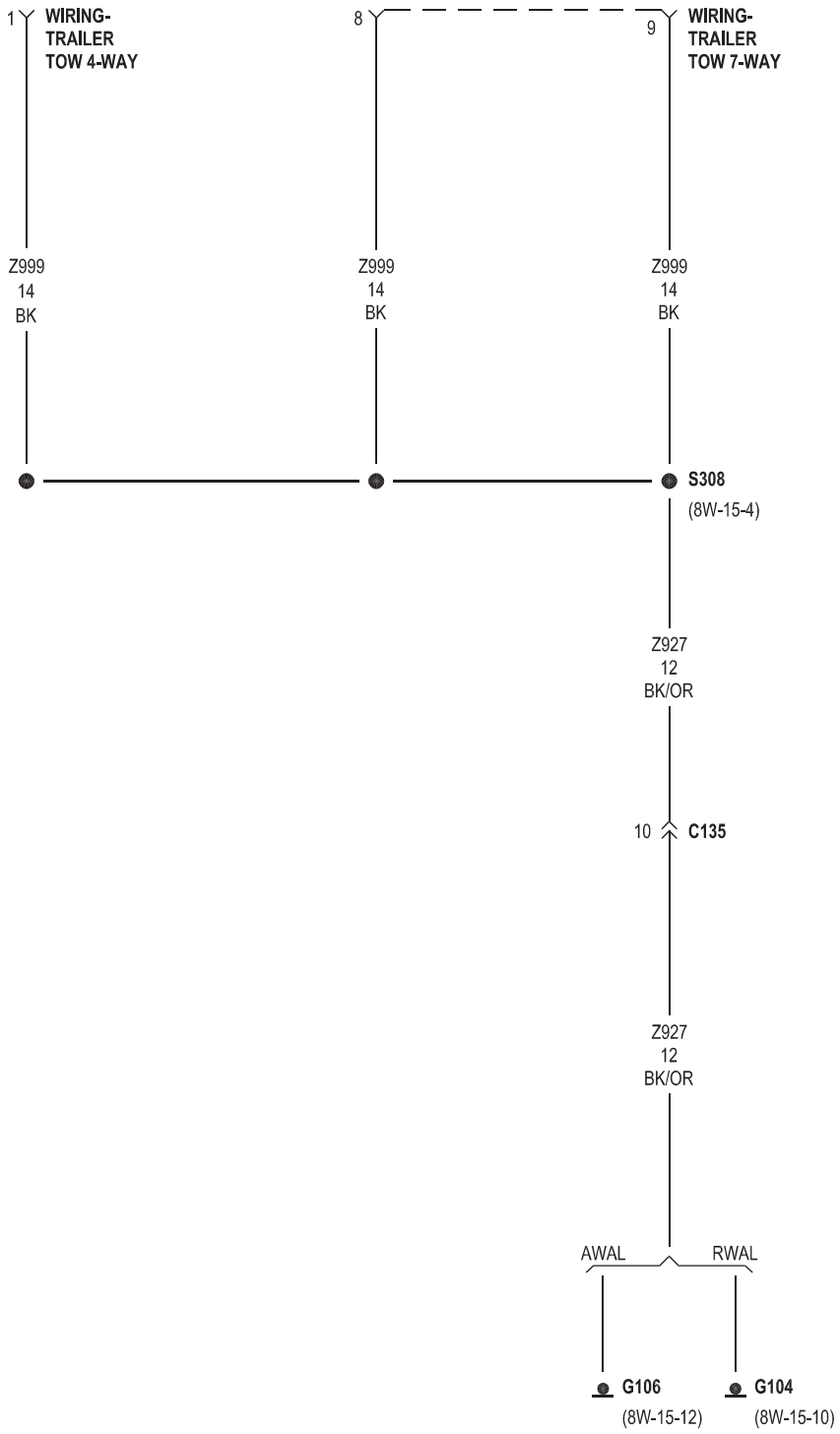

BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 15 50A (8W-13-36)
FUSE 46 15A (8W-13-44)
FUSE 47 15A (8W-13-44)
RELAY-PARK LAMP (8W-50-4) (8W-52-3)
RELAY-TRAILER TOW-LEFT TURN
RELAY-TRAILER TOW-RIGHT TURN
FUSE 33 20A (8W-13-36)
MODULE-FRONT CONTROL (8W-13-36) (8W-13-44)
PARK LAMP RELAY CONTROL
TRAILER TOW RIGHT TURN RELAY CONTROL
TRAILER TOW LEFT TURN RELAY CONTROL
17 C1
5 C1
7 C1
EXCEPT SRT
SRT
L678 18 BR
L678 16 BR
FROM MODULE-BRAKE PROVISION (8W-54-2)
FROM MODULE-INTEGRATED POWER (8W-54-2)
FROM S120 (8W-54-2)
B40 14 DG
A100 14 RD/VT
L1 18 WT/LG
L673 18 YL
L674 18 LG
Z927 14 BK/OR
C135
Z927 12 BK/OR
S325
(8W-13-47)
S308
(8W-15-4)
Z999 14 BK
WIRES TAPED TOGETHER
AWAL
RWAL
G106
(8W-15-12)
G104
(8W-15-10)

EXCEPT ADD ON TRAILER TOW



ADD ON TRAILER TOW

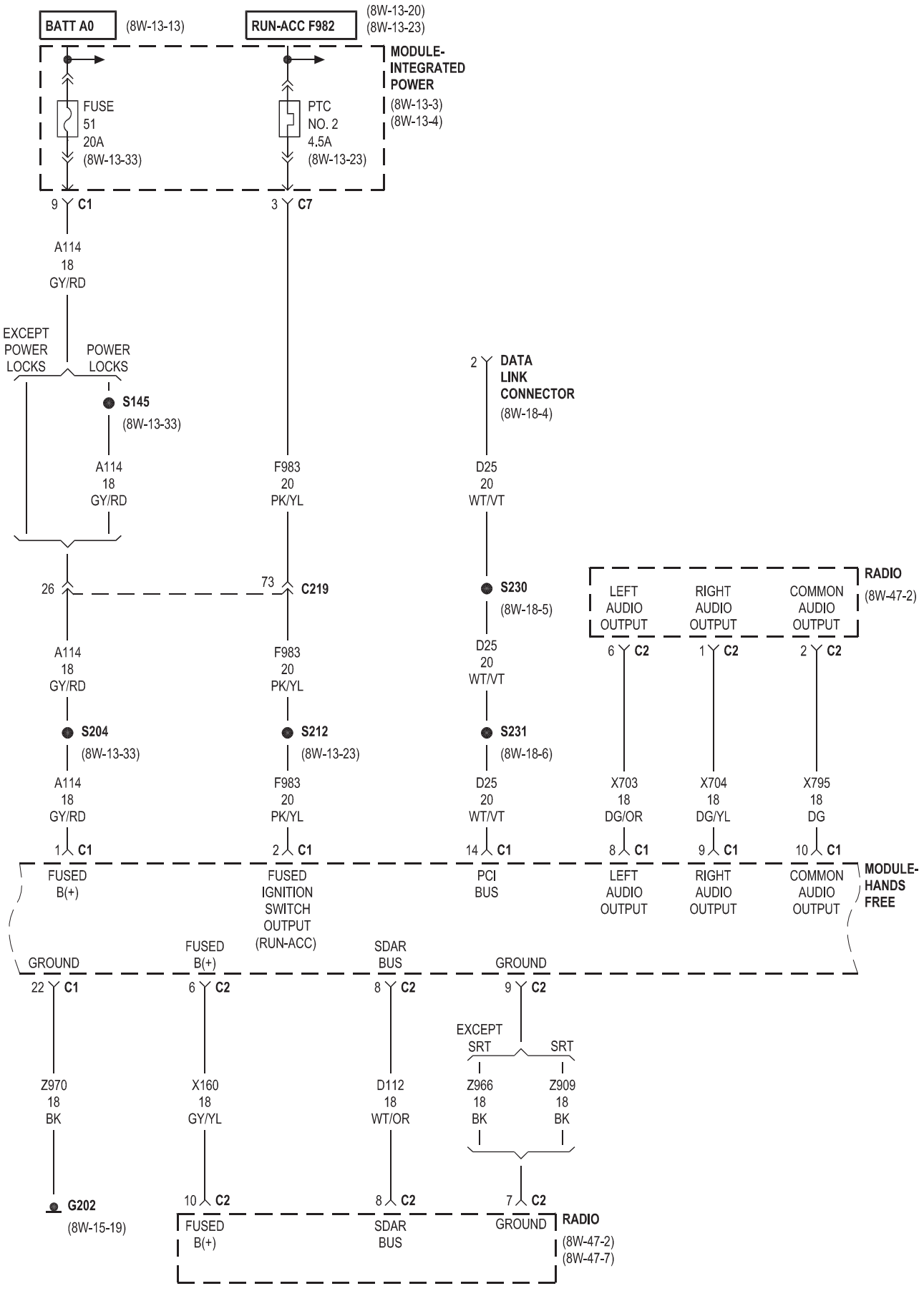



1
WIRING-
TRAILER
TOW 4-WAY
8
9
WIRING-
TRAILER
TOW 7-WAY
Z999
14
BK
Z999
14
BK
Z999
14
BK
S308
(8W-15-4)
Z927
12
BK/OR
10
C135
Z927
12
BK/OR
AWAL
RWAL
G106
(8W-15-12)
G104
(8W-15-10)

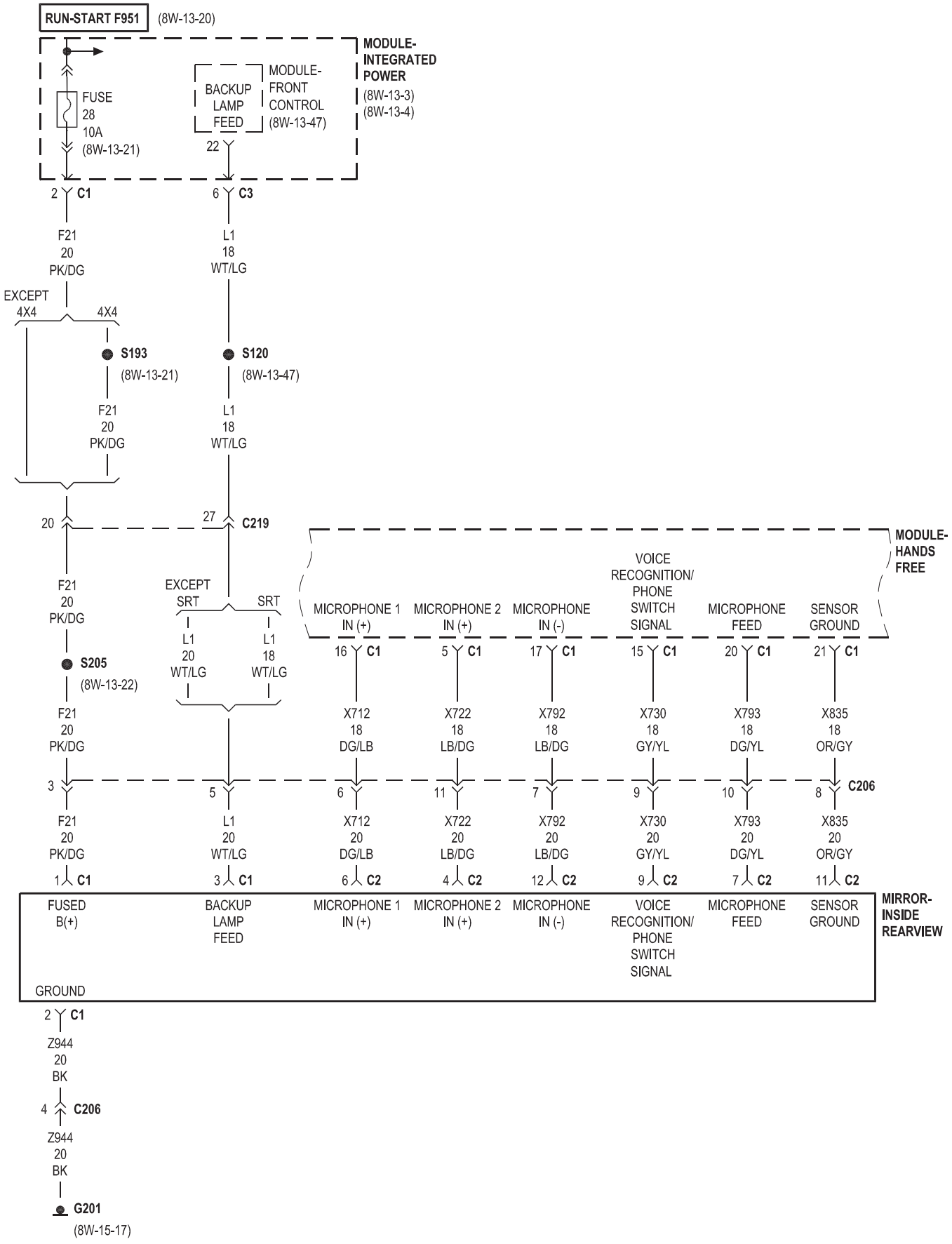
8W-55 NAVIGATION/TELECOMMUNICATIONS

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

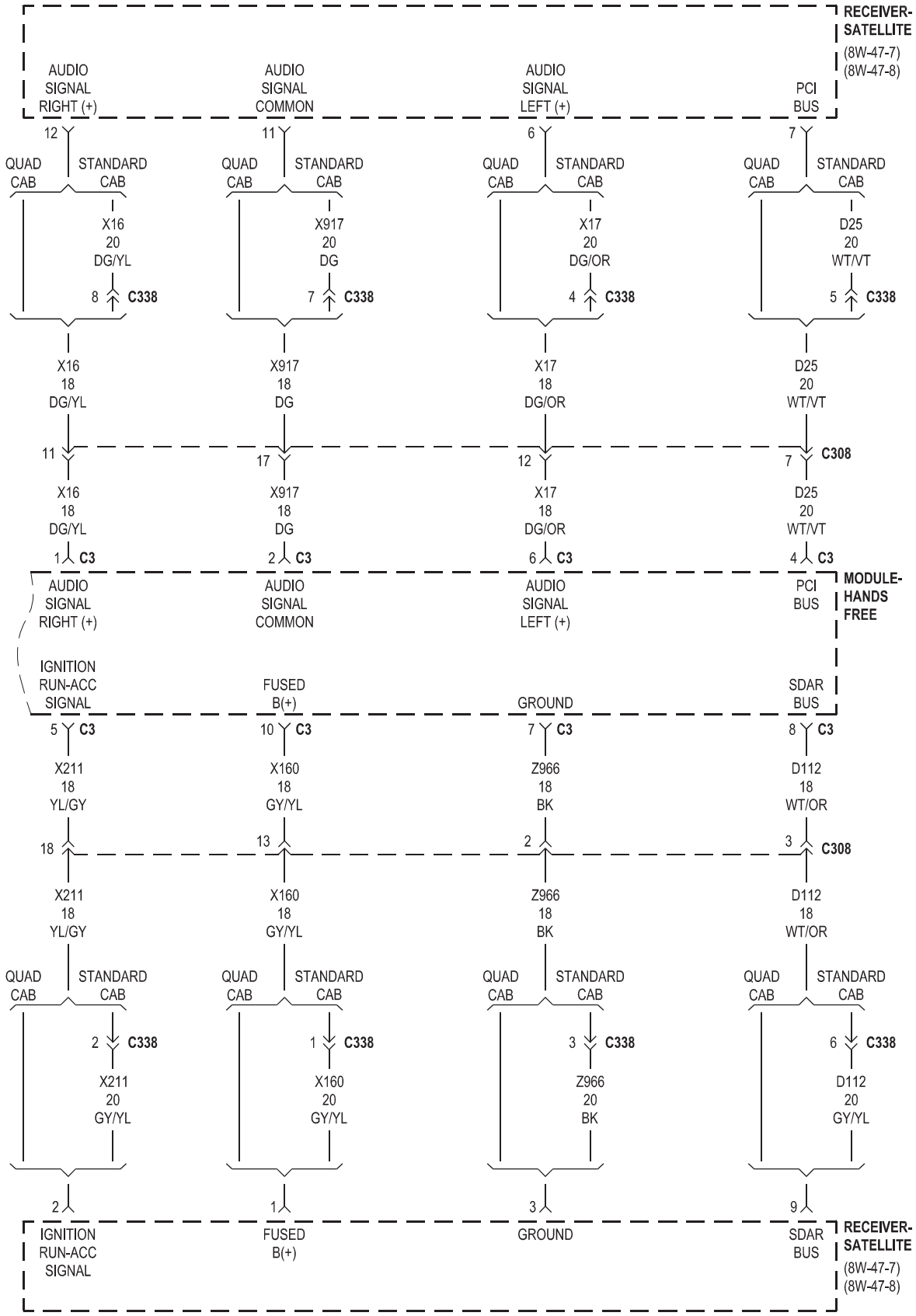
HANDS FREE


BATT A0
(8W-13-13)
RUN-ACC F982
(8W-13-20)
(8W-13-23)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 51 20A (8W-13-33)
PTC NO. 2 4.5A (8W-13-23)
9 C1
3 C7
A114 18 GY/RD
EXCEPT POWER LOCKS
POWER LOCKS
S145
(8W-13-33)
A114 18 GY/RD
F983 20 PK/YL
2 DATA LINK CONNECTOR
(8W-18-4)
D25 20 WT/VT
26
73 C219
S230
(8W-18-5)
RADIO
(8W-47-2)
LEFT AUDIO OUTPUT
RIGHT AUDIO OUTPUT
COMMON AUDIO OUTPUT
6 C2
1 C2
2 C2
A114 18 GY/RD
F983 20 PK/YL
D25 20 WT/VT
S204
(8W-13-33)
S212
(8W-13-23)
S231
(8W-18-6)
A114 18 GY/RD
F983 20 PK/YL
D25 20 WT/VT
X703 18 DG/OR
X704 18 DG/YL
X795 18 DG
1 C1
2 C1
14 C1
8 C1
9 C1
10 C1
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
PCI BUS
LEFT AUDIO OUTPUT
RIGHT AUDIO OUTPUT
COMMON AUDIO OUTPUT
MODULE-HANDS FREE
GROUND
FUSED B(+)
SDAR BUS
GROUND
22 C1
6 C2
8 C2
9 C2
EXCEPT SRT
SRT
Z970 18 BK
X160 18 GY/YL
D112 18 WT/OR
Z966 18 BK
Z909 18 BK
G202
(8W-15-19)
10 C2
8 C2
7 C2
FUSED B(+)
SDAR BUS
GROUND
RADIO
(8W-47-2)
(8W-47-7)

HANDS FREE

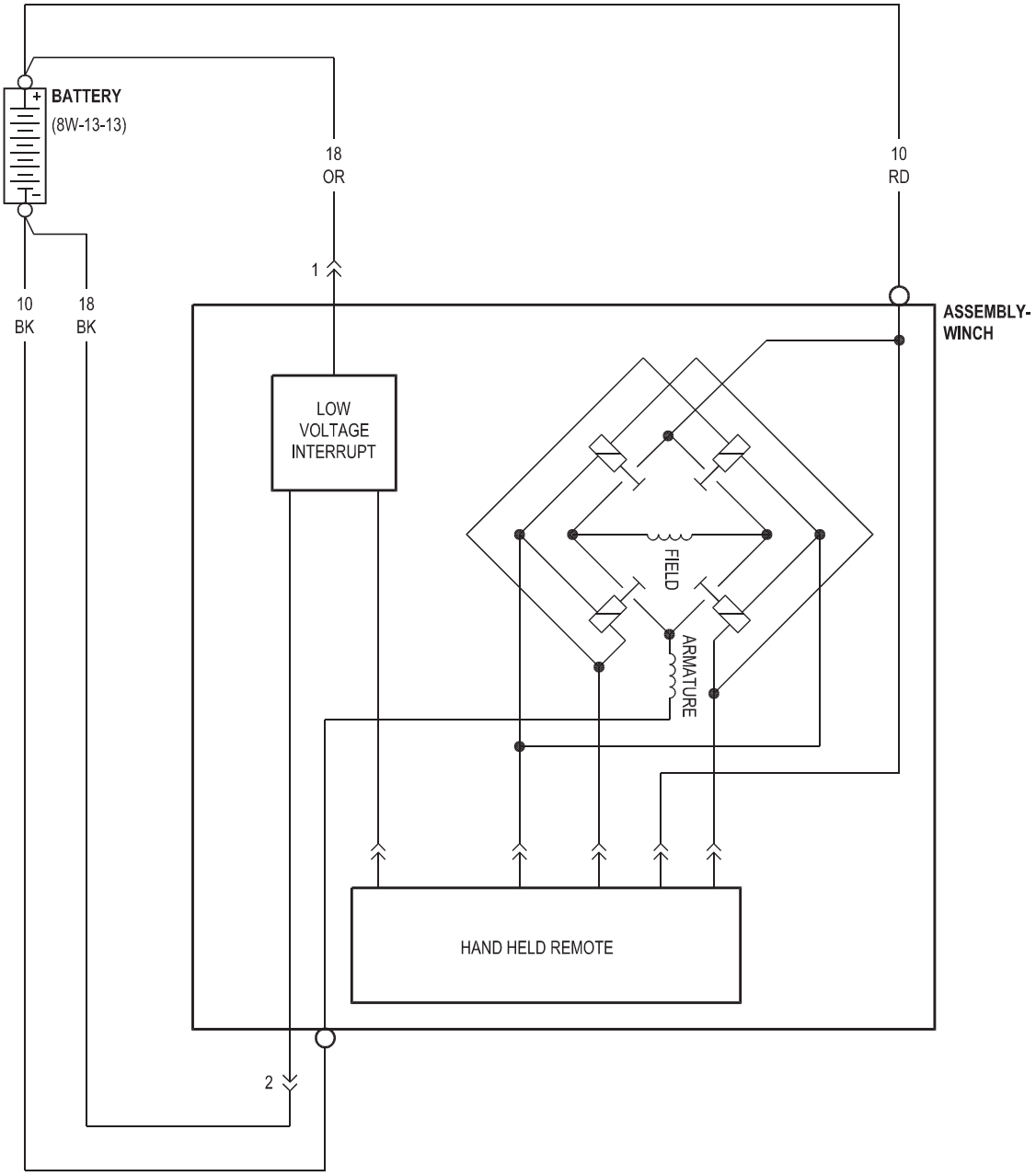

RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 28 10A
(8W-13-21)
BACKUP LAMP FEED
MODULE-FRONT CONTROL
(8W-13-47)
22
2 C1
6 C3
F21 20 PK/DG
L1 18 WT/LG
EXCEPT 4X4
4X4
S193
(8W-13-21)
S120
(8W-13-47)
F21 20 PK/DG
L1 18 WT/LG
20
27 C219
MODULE-HANDS FREE
VOICE RECOGNITION/ PHONE SWITCH SIGNAL
MICROPHONE 1 IN (+)
MICROPHONE 2 IN (+)
MICROPHONE IN (-)
MICROPHONE FEED
SENSOR GROUND
EXCEPT SRT
SRT
L1 20 WT/LG
L1 18 WT/LG
S205
(8W-13-22)
16 C1
5 C1
17 C1
15 C1
20 C1
21 C1
F21 20 PK/DG
X712 18 DG/LB
X722 18 LB/DG
X792 18 LB/DG
X730 18 GY/YL
X793 18 DG/YL
X835 18 OR/GY
3
5
6
11
7
9
10
8 C206
F21 20 PK/DG
L1 20 WT/LG
X712 20 DG/LB
X722 20 LB/DG
X792 20 LB/DG
X730 20 GY/YL
X793 20 DG/YL
X835 20 OR/GY
1 C1
3 C1
6 C2
4 C2
12 C2
9 C2
7 C2
11 C2
FUSED B(+)
BACKUP LAMP FEED
MICROPHONE 1 IN (+)
MICROPHONE 2 IN (+)
MICROPHONE IN (-)
VOICE RECOGNITION/ PHONE SWITCH SIGNAL
MICROPHONE FEED
SENSOR GROUND
MIRROR-INSIDE REARVIEW
GROUND
2 C1
Z944 20 BK
4 C206
Z944 20 BK
G201
(8W-15-17)

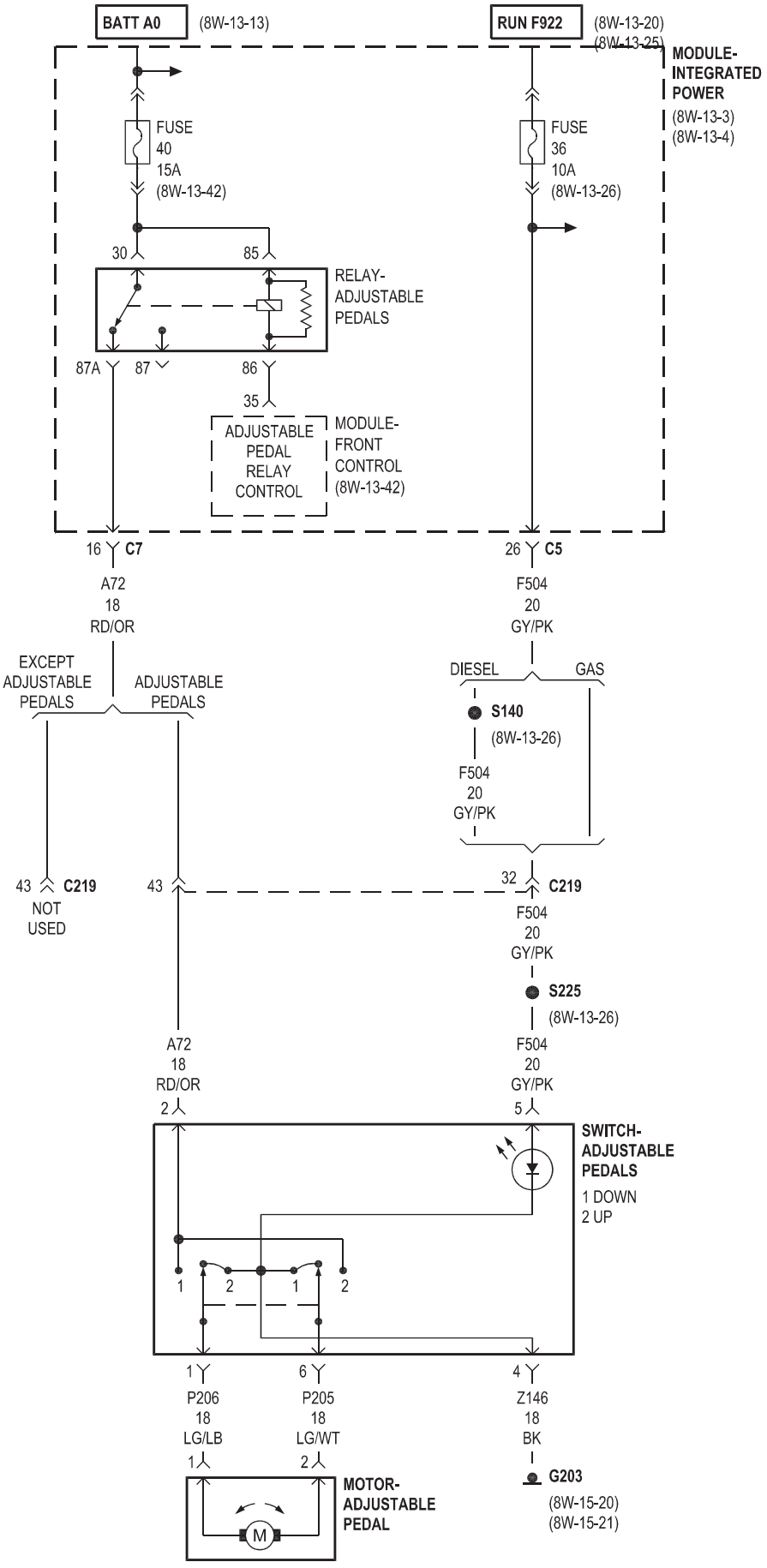
HANDS FREE


RECEIVER-SATELLITE
(8W-47-7)
(8W-47-8)
AUDIO SIGNAL RIGHT (+)
AUDIO SIGNAL COMMON
AUDIO SIGNAL LEFT (+)
PCI BUS
12
11
6
7
QUAD CAB
STANDARD CAB
X16 20 DG/YL
X917 20 DG
X17 20 DG/OR
D25 20 WT/VT
8 C338
7 C338
4 C338
5 C338
X16 18 DG/YL
X917 18 DG
X17 18 DG/OR
D25 20 WT/VT
11
17
12
7 C308
1 C3
2 C3
6 C3
4 C3
MODULE-HANDS FREE
IGNITION RUN-ACC SIGNAL
FUSED B(+)
GROUND
SDAR BUS
5 C3
10 C3
7 C3
8 C3
X211 18 YL/GY
X160 18 GY/YL
Z966 18 BK
D112 18 WT/OR
18
13
2
3 C308
2 C338
1 C338
3 C338
6 C338
X211 20 GY/YL
X160 20 GY/YL
Z966 20 BK
D112 20 GY/YL
2
1
3
9
IGNITION RUN-ACC SIGNAL
FUSED B(+)
GROUND
SDAR BUS
RECEIVER-SATELLITE
(8W-47-7)
(8W-47-8)

8W-56 CONVENIENCE SYSTEMS

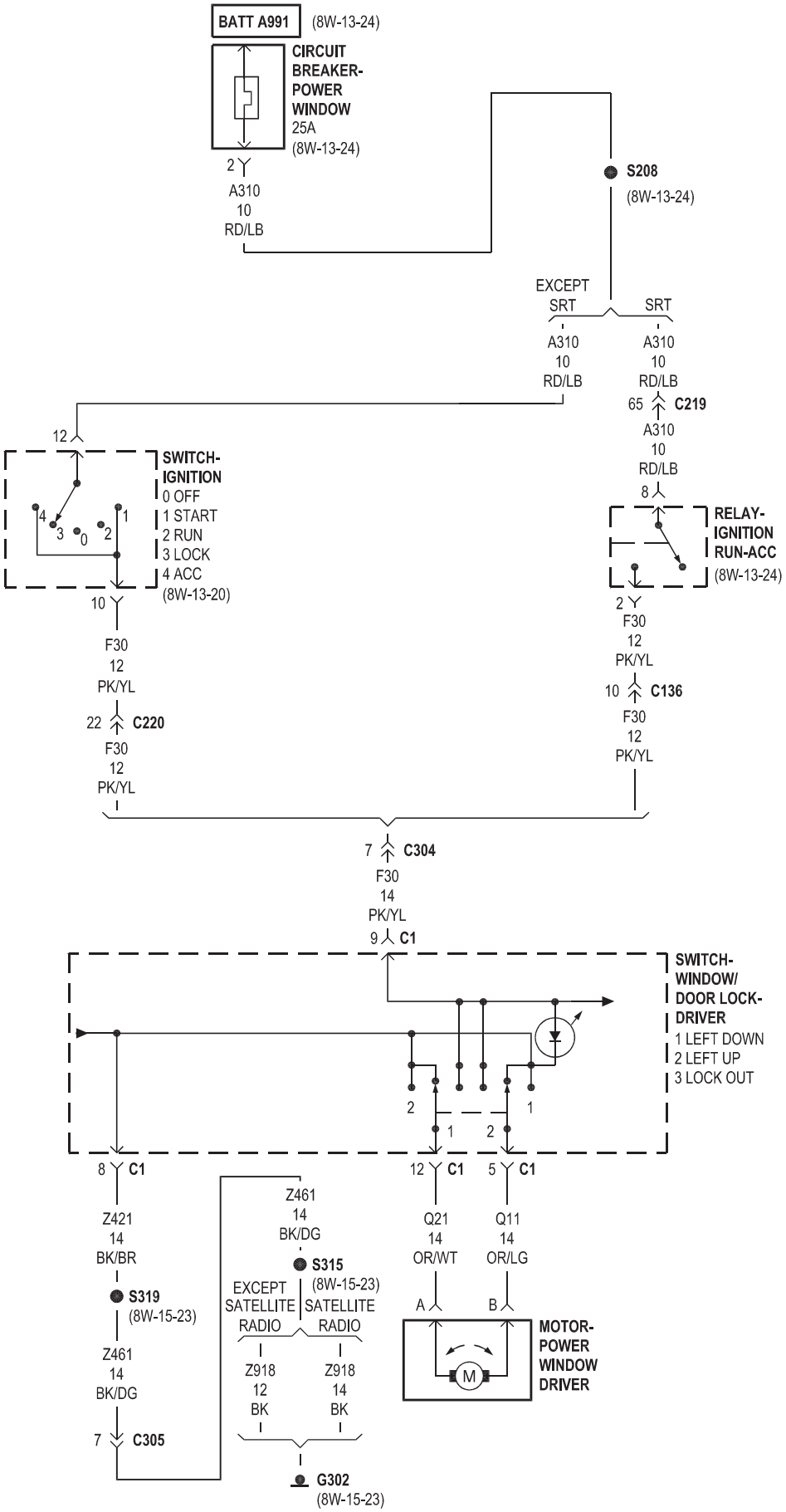
Component	Page
Assembly-Winch	8W-56-2
Battery	8W-56-2
Fuse 36	8W-56-3
Fuse 40	8W-56-3
G203	8W-56-3
Module-Front Control	8W-56-3
Module-Integrated Power	8W-56-3
Motor-Adjustable Pedal	8W-56-3
Relay-Adjustable Pedals	8W-56-3
Switch-Adjustable Pedals	8W-56-3

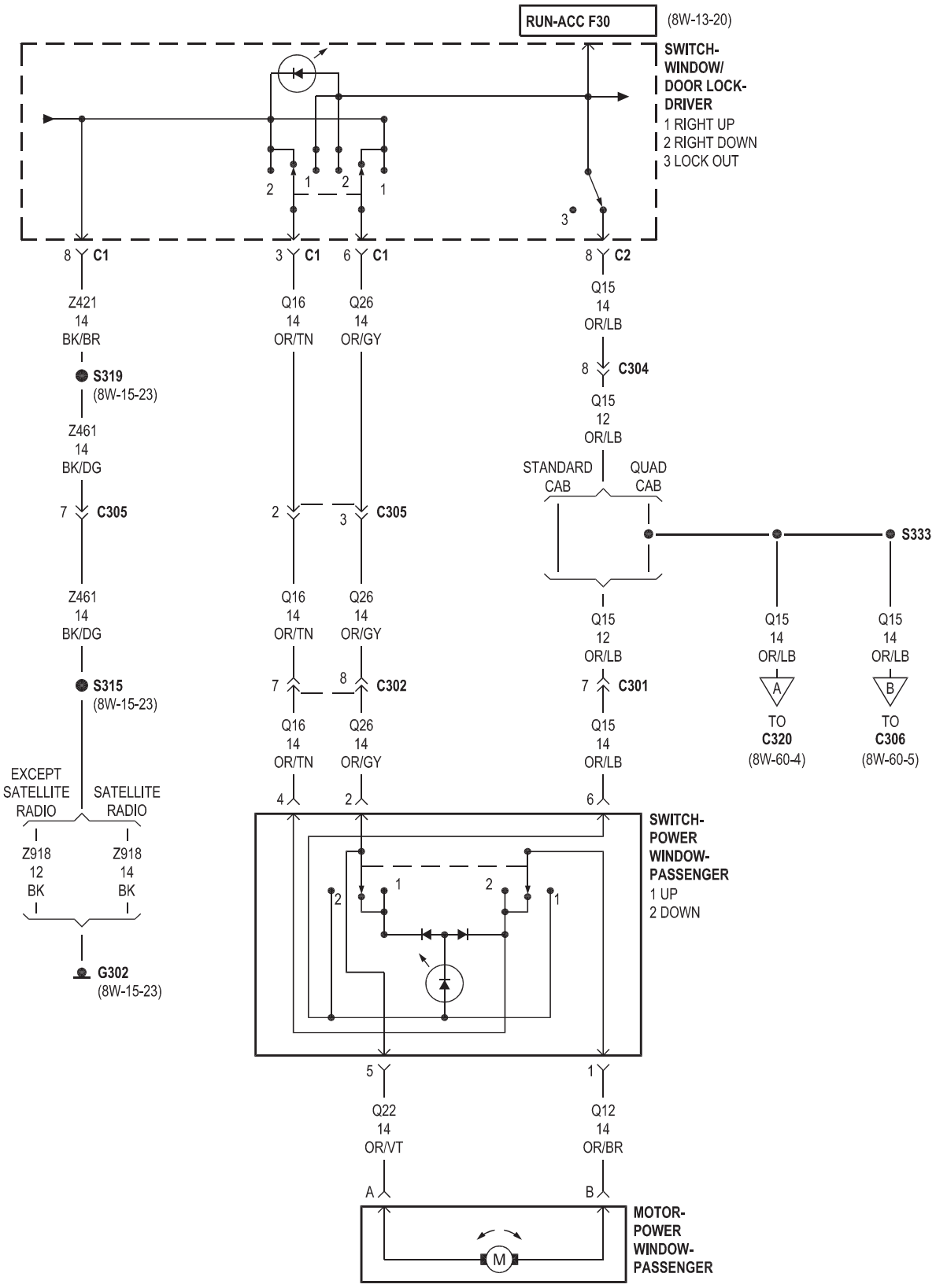

BATTERY
(8W-13-13)
18
OR
10
RD
1
10
BK
18
BK
ASSEMBLY-
WINCH
LOW
VOLTAGE
INTERRUPT
FIELD
ARMATURE
HAND HELD REMOTE
2


BATT A0
(8W-13-13)
RUN F922
(8W-13-20)
(8W-13-25)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
40
15A
(8W-13-42)
FUSE
36
10A
(8W-13-26)
30
85
RELAY-
ADJUSTABLE
PEDALS
87A
87
86
35
ADJUSTABLE
PEDAL
RELAY
CONTROL
MODULE-
FRONT
CONTROL
(8W-13-42)
16 C7
26 C5
A72
18
RD/OR
F504
20
GY/PK
EXCEPT
ADJUSTABLE
PEDALS
ADJUSTABLE
PEDALS
DIESEL
GAS
S140
(8W-13-26)
F504
20
GY/PK
43 C219
NOT
USED
43
32 C219
F504
20
GY/PK
S225
(8W-13-26)
A72
18
RD/OR
2
F504
20
GY/PK
5
SWITCH-
ADJUSTABLE
PEDALS
1 DOWN
2 UP
1
2
1
2
1 P206
18
LG/LB
1
6 P205
18
LG/WT
2
4 Z146
18
BK
G203
(8W-15-20)
(8W-15-21)
MOTOR-
ADJUSTABLE
PEDAL
M

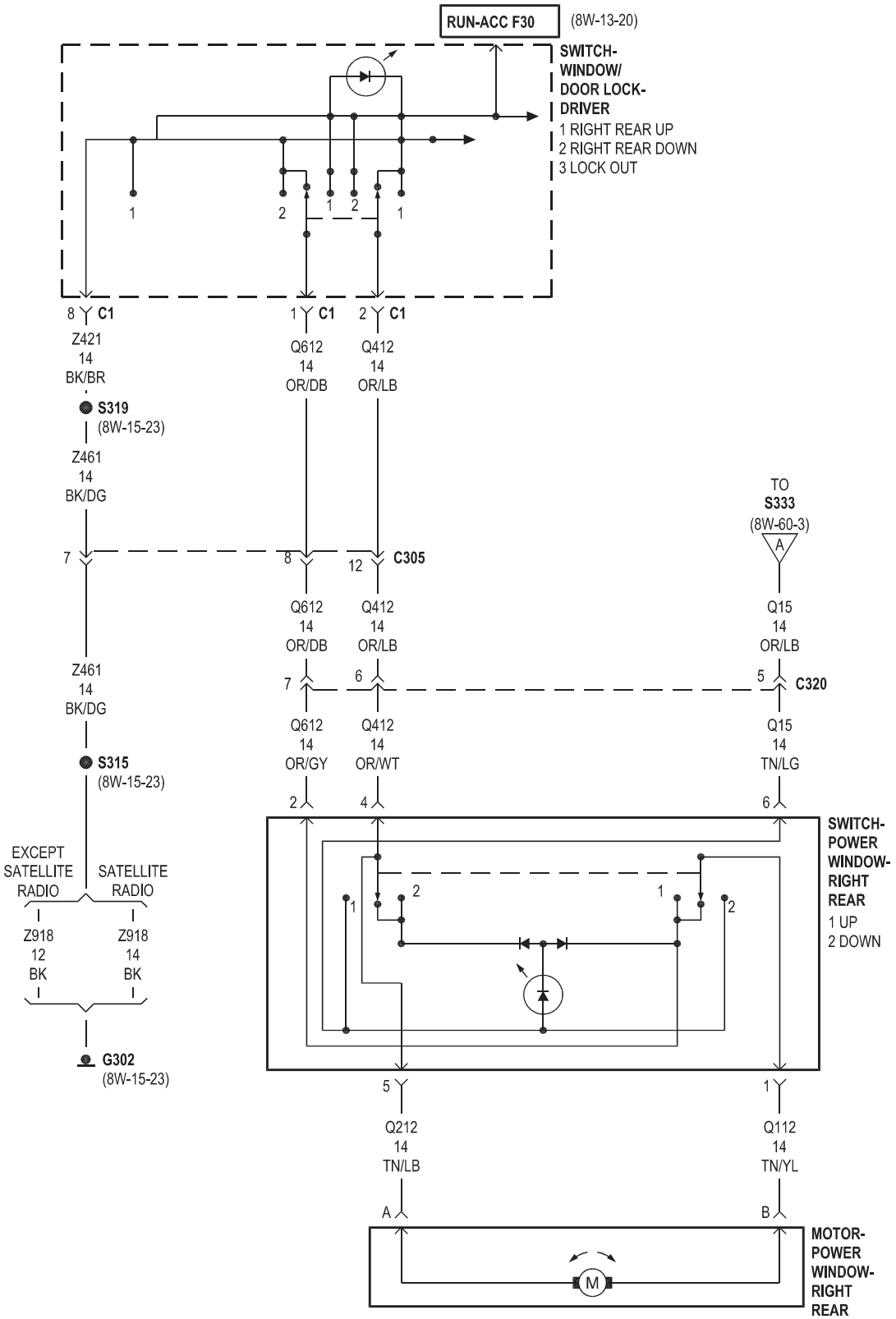
8W-60 POWER WINDOWS

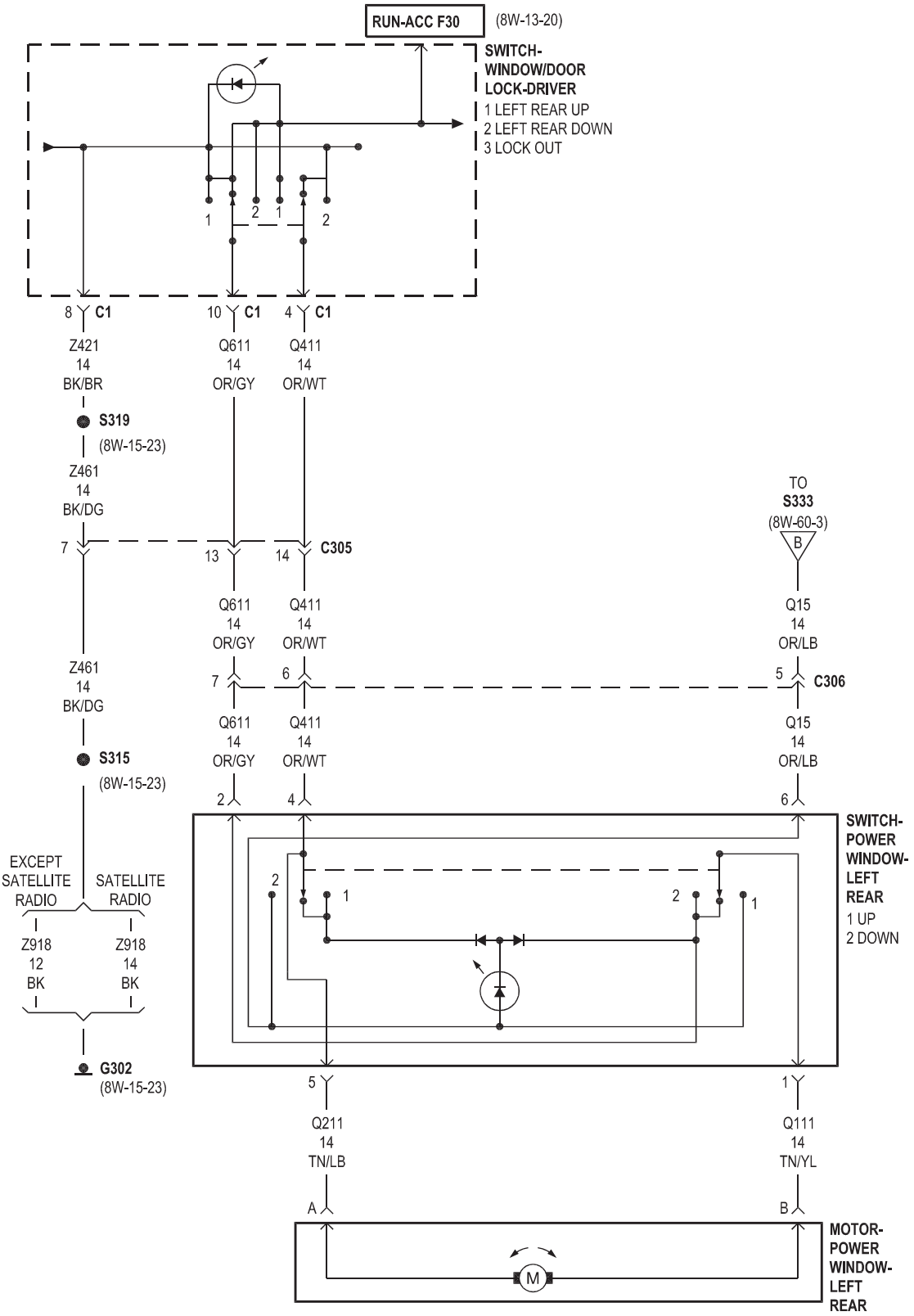
Component	Page
Circuit Breaker-Power Window	8W-60-2
G302	8W-60-2, 3, 4, 5
Motor-Power Window Driver	8W-60-2
Motor-Power Window-Left Rear	8W-60-5
Motor-Power Window-Passenger	8W-60-3
Motor-Power Window-Right Rear	8W-60-4
Relay-Ignition Run-Acc	8W-60-2
Switch-Ignition	8W-60-2
Switch-Power Window-Left Rear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


BATT A991
(8W-13-24)
CIRCUIT BREAKER-POWER WINDOW
25A
(8W-13-24)
2
A310
10
RD/LB
S208
(8W-13-24)
EXCEPT SRT
SRT
A310
10
RD/LB
A310
10
RD/LB
65
C219
A310
10
RD/LB
8
12
SWITCH-IGNITION
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-13-20)
RELAY-IGNITION RUN-ACC
(8W-13-24)
10
F30
12
PK/YL
22
C220
F30
12
PK/YL
2
F30
12
PK/YL
10
C136
F30
12
PK/YL
7
C304
F30
14
PK/YL
9
C1
SWITCH-WINDOW/DOOR LOCK-DRIVER
1 LEFT DOWN
2 LEFT UP
3 LOCK OUT
8
C1
Z421
14
BK/BR
S319
(8W-15-23)
Z461
14
BK/DG
7
C305
Z461
14
BK/DG
S315
(8W-15-23)
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z918
12
BK
Z918
14
BK
G302
(8W-15-23)
12
C1
5
C1
Q21
14
OR/WT
Q11
14
OR/LG
A
B
M
MOTOR-POWER WINDOW DRIVER


RUN-ACC F30
(8W-13-20)
SWITCH-WINDOW/ DOOR LOCK-DRIVER
1 RIGHT UP
2 RIGHT DOWN
3 LOCK OUT
8 C1
3 C1
6 C1
8 C2
Z421 14 BK/BR
Q16 14 OR/TN
Q26 14 OR/GY
Q15 14 OR/LB
S319
(8W-15-23)
8 C304
Z461 14 BK/DG
Q15 12 OR/LB
7 C305
2 C305
3 C305
STANDARD CAB
QUAD CAB
S333
Z461 14 BK/DG
Q16 14 OR/TN
Q26 14 OR/GY
Q15 12 OR/LB
Q15 14 OR/LB
S315
(8W-15-23)
7 C302
8 C302
7 C301
A
B
TO C320 (8W-60-4)
TO C306 (8W-60-5)
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z918 12 BK
Z918 14 BK
4
2
6
SWITCH-POWER WINDOW-PASSENGER
1 UP
2 DOWN
G302
(8W-15-23)
5
1
Q22 14 OR/VT
Q12 14 OR/BR
A
B
MOTOR-POWER WINDOW-PASSENGER
M

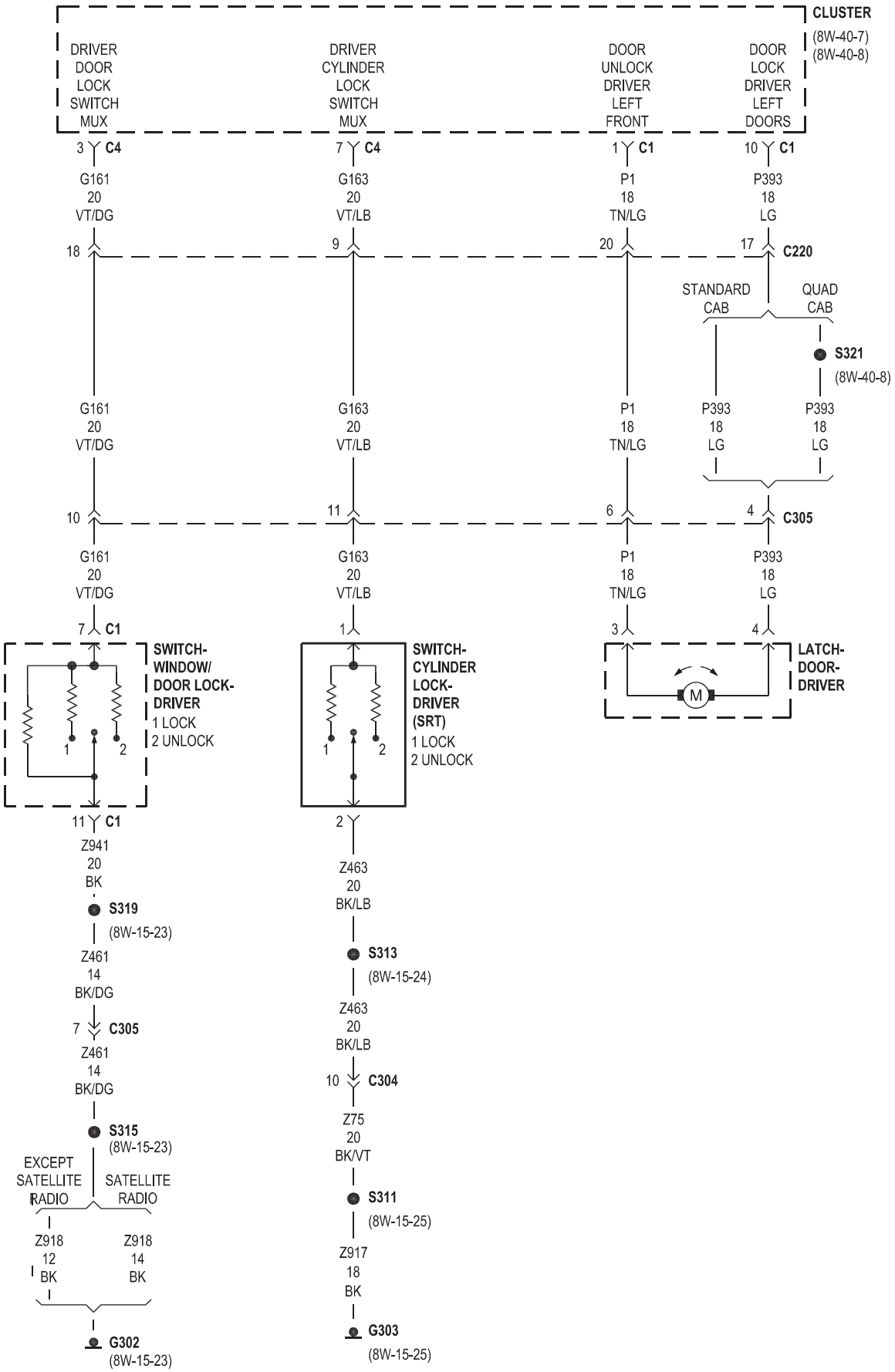
QUAD CAB

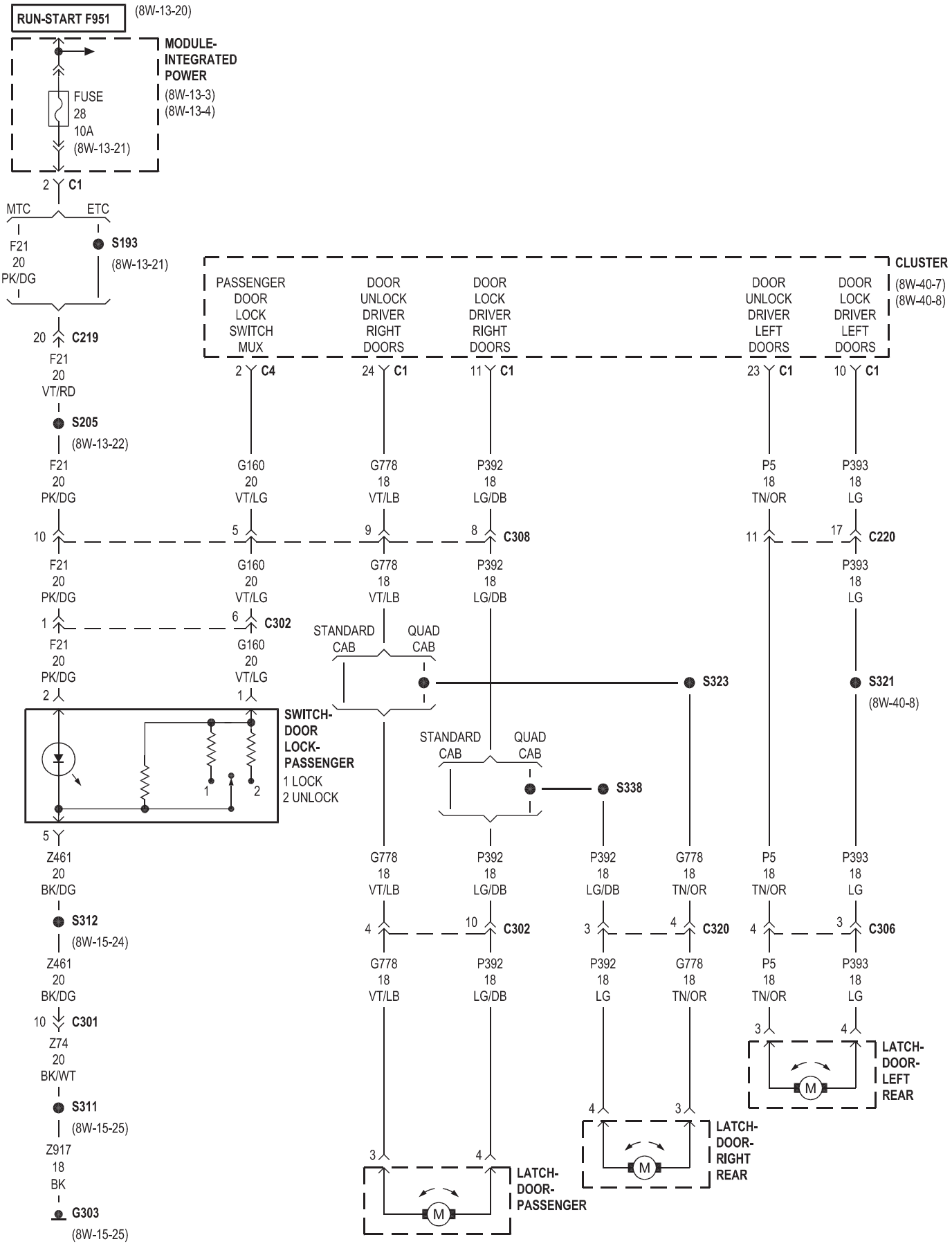

RUN-ACC F30
(8W-13-20)
SWITCH-
WINDOW/
DOOR LOCK-
DRIVER
1 RIGHT REAR UP
2 RIGHT REAR DOWN
3 LOCK OUT
8 C1
Z421
14
BK/BR
S319
(8W-15-23)
Z461
14
BK/DG
7
Z461
14
BK/DG
S315
(8W-15-23)
EXCEPT
SATELLITE
RADIO
SATELLITE
RADIO
Z918
12
BK
Z918
14
BK
G302
(8W-15-23)
1 C1
Q612
14
OR/DB
8
Q612
14
OR/DB
7
Q612
14
OR/GY
2
2 C1
Q412
14
OR/LB
12 C305
Q412
14
OR/LB
6
Q412
14
OR/WT
4
TO
S333
(8W-60-3)
A
Q15
14
OR/LB
5 C320
Q15
14
TN/LG
6
SWITCH-
POWER
WINDOW-
RIGHT
REAR
1 UP
2 DOWN
5
Q212
14
TN/LB
A
1
Q112
14
TN/YL
B
MOTOR-
POWER
WINDOW-
RIGHT
REAR
M


RUN-ACC F30
(8W-13-20)
SWITCH-
WINDOW/DOOR
LOCK-DRIVER
1 LEFT REAR UP
2 LEFT REAR DOWN
3 LOCK OUT
1
2
1
2
8 C1
10 C1
4 C1
Z421
14
BK/BR
Q611
14
OR/GY
Q411
14
OR/WT
S319
(8W-15-23)
Z461
14
BK/DG
7
13
14
C305
TO
S333
(8W-60-3)
B
Q15
14
OR/LB
5
C306
Z461
14
BK/DG
Q611
14
OR/GY
Q411
14
OR/WT
7
6
Q611
14
OR/GY
Q411
14
OR/WT
Q15
14
OR/LB
S315
(8W-15-23)
2
4
6
SWITCH-
POWER
WINDOW-
LEFT
REAR
1 UP
2 DOWN
EXCEPT
SATELLITE
RADIO
SATELLITE
RADIO
Z918
12
BK
Z918
14
BK
G302
(8W-15-23)
5
1
Q211
14
TN/LB
Q111
14
TN/YL
A
B
MOTOR-
POWER
WINDOW-
LEFT
REAR
M

8W-61 POWER DOOR LOCKS

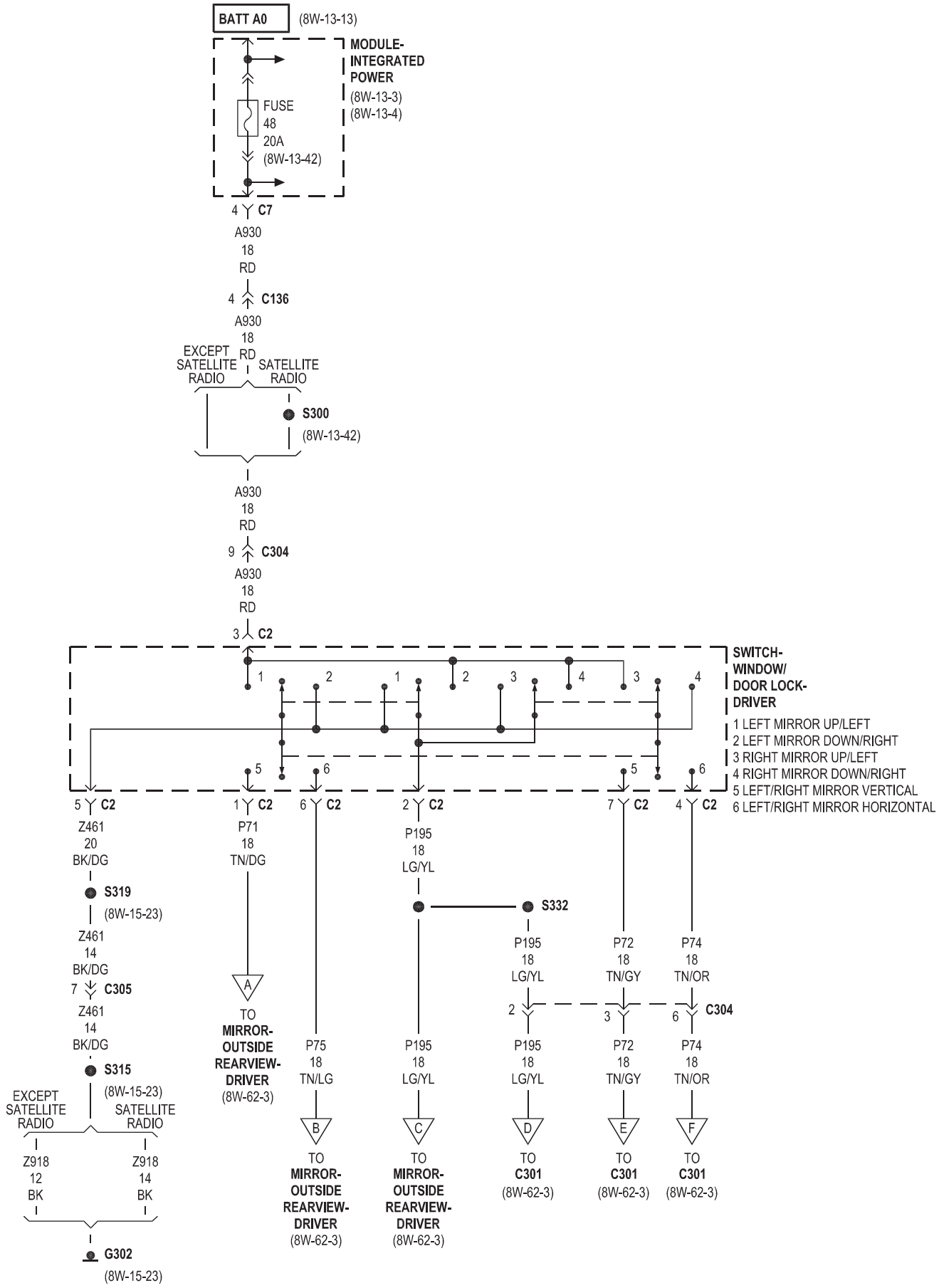
Component	Page
Cluster	8W-61-2, 3
Fuse 28	8W-61-3
G302	8W-61-2
G303	8W-61-2, 3
Latch-Door-Driver	8W-61-2
Latch-Door-Left Rear	8W-61-3
Latch-Door-Passenger	8W-61-3
Latch-Door-Right Rear	8W-61-3
Module-Integrated Power	8W-61-3
Switch-Cylinder Lock-Driver	8W-61-2
Switch-Door Lock-Passenger	8W-61-3
Switch-Window/Door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

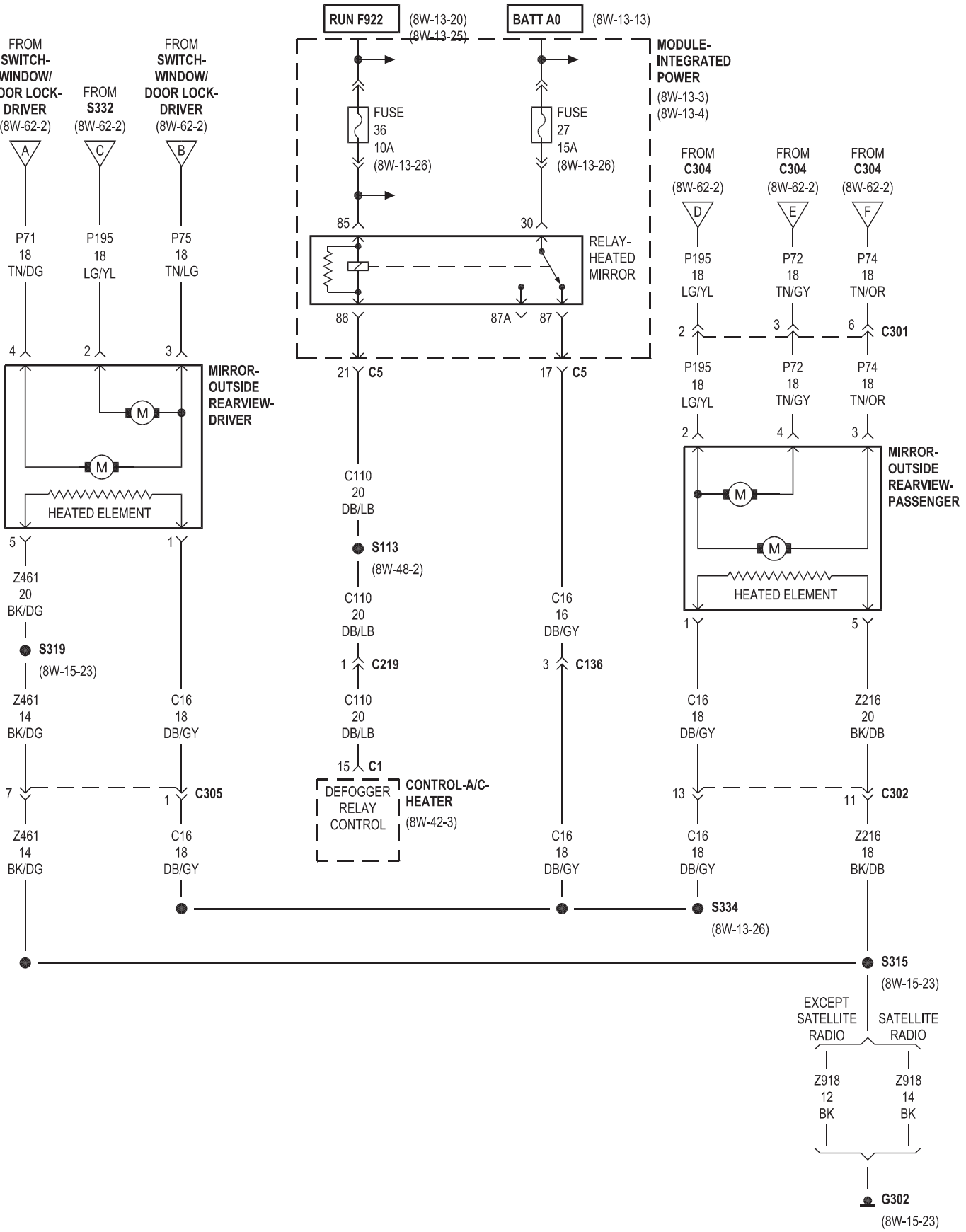

CLUSTER
(8W-40-7)
(8W-40-8)
DRIVER DOOR LOCK SWITCH MUX
DRIVER CYLINDER LOCK SWITCH MUX
DOOR UNLOCK DRIVER LEFT FRONT
DOOR LOCK DRIVER LEFT DOORS
3 C4
7 C4
1 C1
10 C1
G161 20 VT/DG
G163 20 VT/LB
P1 18 TN/LG
P393 18 LG
18
9
20
17 C220
STANDARD CAB
QUAD CAB
S321
(8W-40-8)
G161 20 VT/DG
G163 20 VT/LB
P1 18 TN/LG
P393 18 LG
P393 18 LG
10
11
6
4 C305
G161 20 VT/DG
G163 20 VT/LB
P1 18 TN/LG
P393 18 LG
7 C1
1
3
4
SWITCH-WINDOW/ DOOR LOCK-DRIVER
1 LOCK
2 UNLOCK
SWITCH-CYLINDER LOCK-DRIVER (SRT)
1 LOCK
2 UNLOCK
LATCH-DOOR-DRIVER
M
11 C1
2
Z941 20 BK
Z463 20 BK/LB
S319
(8W-15-23)
S313
(8W-15-24)
Z461 14 BK/DG
Z463 20 BK/LB
7 C305
10 C304
Z461 14 BK/DG
Z75 20 BK/VT
S315
(8W-15-23)
S311
(8W-15-25)
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z917 18 BK
Z918 12 BK
Z918 14 BK
G303
(8W-15-25)
G302
(8W-15-23)


RUN-START F951
(8W-13-20)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 28 10A
(8W-13-21)
2 C1
MTC
ETC
F21 20 PK/DG
S193
(8W-13-21)
20 C219
F21 20 VT/RD
S205
(8W-13-22)
CLUSTER
(8W-40-7)
(8W-40-8)
PASSENGER DOOR LOCK SWITCH MUX
DOOR UNLOCK DRIVER RIGHT DOORS
DOOR LOCK DRIVER RIGHT DOORS
DOOR UNLOCK DRIVER LEFT DOORS
DOOR LOCK DRIVER LEFT DOORS
2 C4
24 C1
11 C1
23 C1
10 C1
F21 20 PK/DG
G160 20 VT/LG
G778 18 VT/LB
P392 18 LG/DB
P5 18 TN/OR
P393 18 LG
10
5
9
8 C308
11
17 C220
F21 20 PK/DG
G160 20 VT/LG
G778 18 VT/LB
P392 18 LG/DB
P393 18 LG
1
6 C302
STANDARD CAB
QUAD CAB
S323
S321
(8W-40-8)
F21 20 PK/DG
G160 20 VT/LG
2
1
SWITCH-DOOR LOCK-PASSENGER
1 LOCK
2 UNLOCK
STANDARD CAB
QUAD CAB
S338
5
Z461 20 BK/DG
G778 18 VT/LB
P392 18 LG/DB
P392 18 LG/DB
G778 18 TN/OR
P5 18 TN/OR
P393 18 LG
S312
(8W-15-24)
4
10 C302
3
4 C320
4
3 C306
Z461 20 BK/DG
G778 18 VT/LB
P392 18 LG/DB
P392 18 LG
G778 18 TN/OR
P5 18 TN/OR
P393 18 LG
10 C301
Z74 20 BK/WT
3
4
LATCH-DOOR-LEFT REAR
M
S311
(8W-15-25)
Z917 18 BK
4
3
LATCH-DOOR-RIGHT REAR
M
3
4
LATCH-DOOR-PASSENGER
M
G303
(8W-15-25)

8W-62 POWER MIRRORS

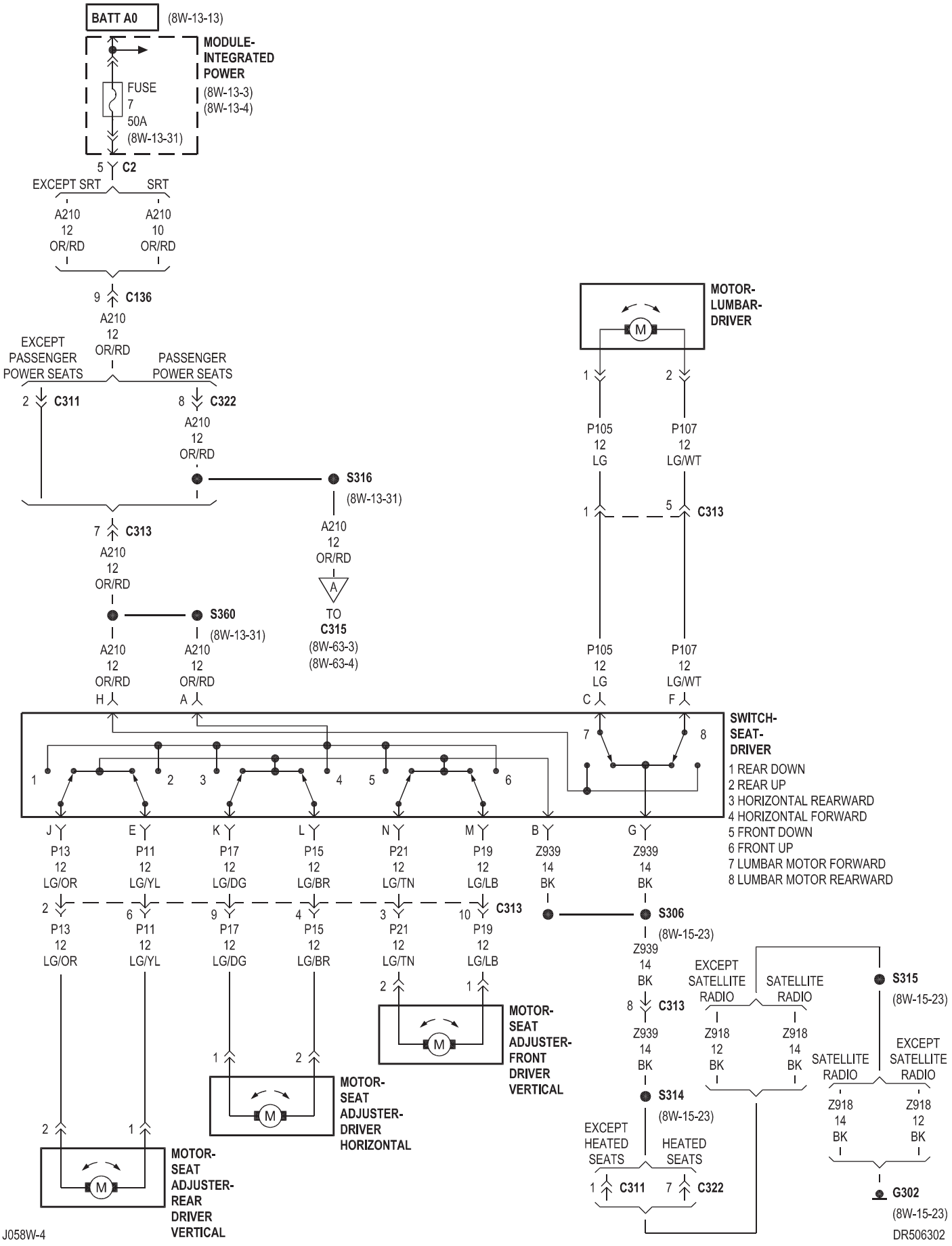
Component	Page
Control-A/C-Heater	8W-62-3
Fuse 27	8W-62-3
Fuse 36	8W-62-3
Fuse 48	8W-62-2
G302	8W-62-2, 3
Mirror-Outside Rearview-Driver	8W-62-2, 3
Mirror-Outside Rearview-Passenger	8W-62-3
Module-Integrated Power	8W-62-2, 3
Relay-Heated Mirror	8W-62-3
Switch-Window/Door Lock-Driver	8W-62-2, 3


BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 48 20A
(8W-13-42)
4 C7
A930 18 RD
4 C136
A930 18 RD
EXCEPT SATELLITE RADIO
SATELLITE RADIO
S300
(8W-13-42)
A930 18 RD
9 C304
A930 18 RD
3 C2
SWITCH-WINDOW/ DOOR LOCK-DRIVER
1 LEFT MIRROR UP/LEFT
2 LEFT MIRROR DOWN/RIGHT
3 RIGHT MIRROR UP/LEFT
4 RIGHT MIRROR DOWN/RIGHT
5 LEFT/RIGHT MIRROR VERTICAL
6 LEFT/RIGHT MIRROR HORIZONTAL
5 C2
Z461 20 BK/DG
S319
(8W-15-23)
Z461 14 BK/DG
7 C305
Z461 14 BK/DG
S315
(8W-15-23)
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z918 12 BK
Z918 14 BK
G302
(8W-15-23)
1 C2
P71 18 TN/DG
A
TO MIRROR-OUTSIDE REARVIEW-DRIVER
(8W-62-3)
6 C2
P75 18 TN/LG
B
TO MIRROR-OUTSIDE REARVIEW-DRIVER
(8W-62-3)
2 C2
P195 18 LG/YL
S332
P195 18 LG/YL
2
P195 18 LG/YL
C
TO MIRROR-OUTSIDE REARVIEW-DRIVER
(8W-62-3)
D
TO C301
(8W-62-3)
7 C2
P72 18 TN/GY
3
P72 18 TN/GY
E
TO C301
(8W-62-3)
4 C2
P74 18 TN/OR
6 C304
P74 18 TN/OR
F
TO C301
(8W-62-3)

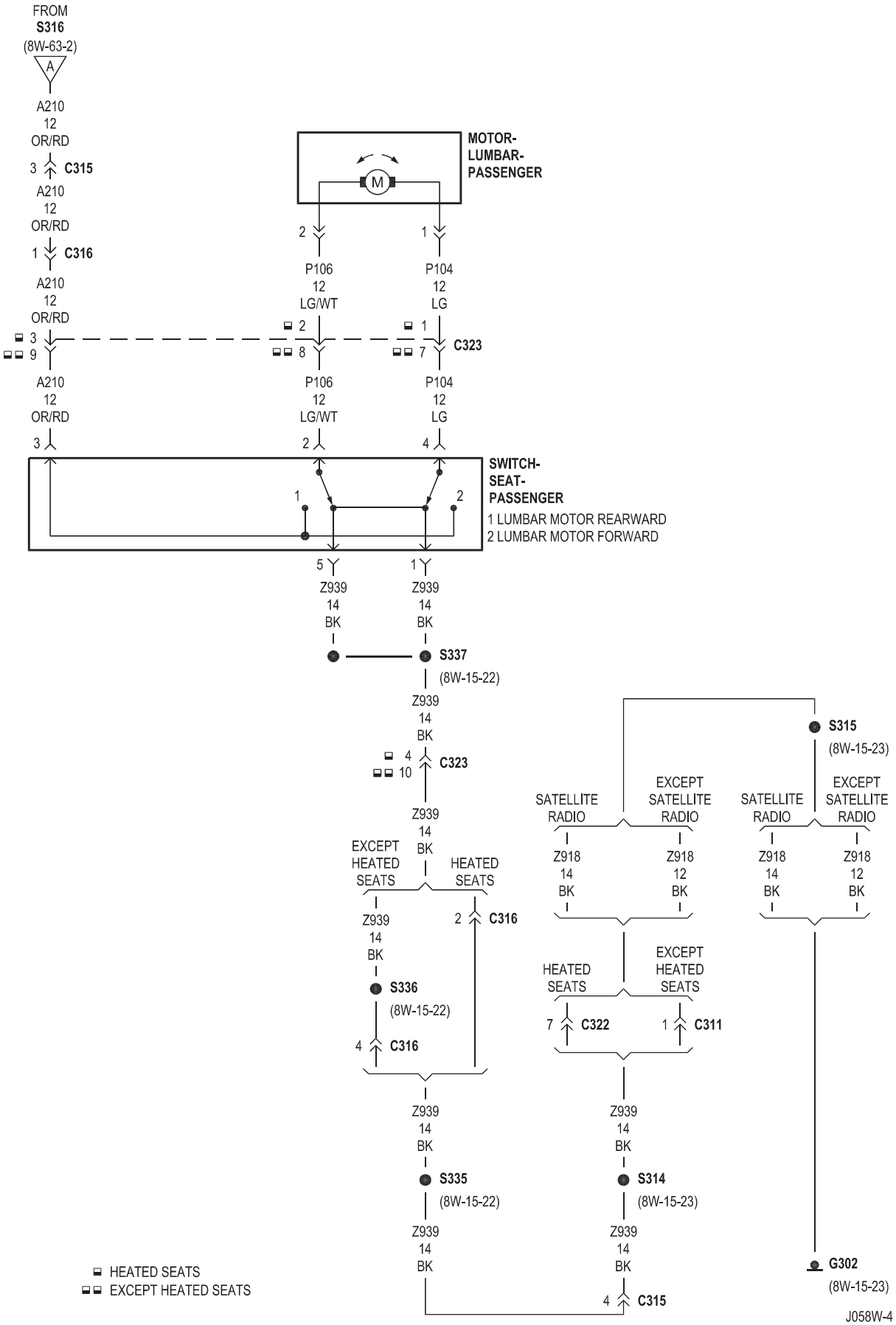

RUN F922
(8W-13-20)
(8W-13-25)
BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 36 10A (8W-13-26)
FUSE 27 15A (8W-13-26)
RELAY-HEATED MIRROR
85
30
86
87A
87
21 C5
17 C5
FROM SWITCH-WINDOW/ DOOR LOCK-DRIVER (8W-62-2)
FROM S332 (8W-62-2)
FROM SWITCH-WINDOW/ DOOR LOCK-DRIVER (8W-62-2)
A
C
B
P71 18 TN/DG
P195 18 LG/YL
P75 18 TN/LG
4
2
3
MIRROR-OUTSIDE REARVIEW-DRIVER
HEATED ELEMENT
5
1
Z461 20 BK/DG
S319
(8W-15-23)
Z461 14 BK/DG
C16 18 DB/GY
7
C305
1
Z461 14 BK/DG
C16 18 DB/GY
C110 20 DB/LB
S113
(8W-48-2)
C110 20 DB/LB
C219
1
C110 20 DB/LB
15 C1
DEFOGGER RELAY CONTROL
CONTROL-A/C-HEATER
(8W-42-3)
C16 16 DB/GY
C136
3
C16 18 DB/GY
FROM C304 (8W-62-2)
FROM C304 (8W-62-2)
FROM C304 (8W-62-2)
D
E
F
P195 18 LG/YL
P72 18 TN/GY
P74 18 TN/OR
2
3
6
C301
P195 18 LG/YL
P72 18 TN/GY
P74 18 TN/OR
2
4
3
MIRROR-OUTSIDE REARVIEW-PASSENGER
HEATED ELEMENT
1
5
C16 18 DB/GY
Z216 20 BK/DB
13
C302
11
C16 18 DB/GY
Z216 18 BK/DB
S334
(8W-13-26)
S315
(8W-15-23)
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z918 12 BK
Z918 14 BK
G302
(8W-15-23)

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
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


BATT A0
(8W-13-13)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 7 50A
(8W-13-31)
5 C2
EXCEPT SRT
SRT
A210 12 OR/RD
A210 10 OR/RD
9 C136
A210 12 OR/RD
EXCEPT PASSENGER POWER SEATS
PASSENGER POWER SEATS
2 C311
8 C322
A210 12 OR/RD
S316
(8W-13-31)
A210 12 OR/RD
A
TO C315
(8W-63-3)
(8W-63-4)
7 C313
A210 12 OR/RD
S360
(8W-13-31)
A210 12 OR/RD H
A210 12 OR/RD A
MOTOR-LUMBAR-DRIVER
P105 12 LG
P107 12 LG/WT
C313
P105 12 LG C
P107 12 LG/WT F
SWITCH-SEAT-DRIVER
1 REAR DOWN
2 REAR UP
3 HORIZONTAL REARWARD
4 HORIZONTAL FORWARD
5 FRONT DOWN
6 FRONT UP
7 LUMBAR MOTOR FORWARD
8 LUMBAR MOTOR REARWARD
P13 12 LG/OR
P11 12 LG/YL
P17 12 LG/DG
P15 12 LG/BR
P21 12 LG/TN
P19 12 LG/LB
Z939 14 BK
C313
S306
(8W-15-23)
MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL
MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL
MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL
EXCEPT SATELLITE RADIO
SATELLITE RADIO
Z918 12 BK
Z918 14 BK
S315
(8W-15-23)
S314
(8W-15-23)
EXCEPT HEATED SEATS
HEATED SEATS
C311
C322
Z918 14 BK
Z918 12 BK
G302
(8W-15-23)
J058W-4
DR506302

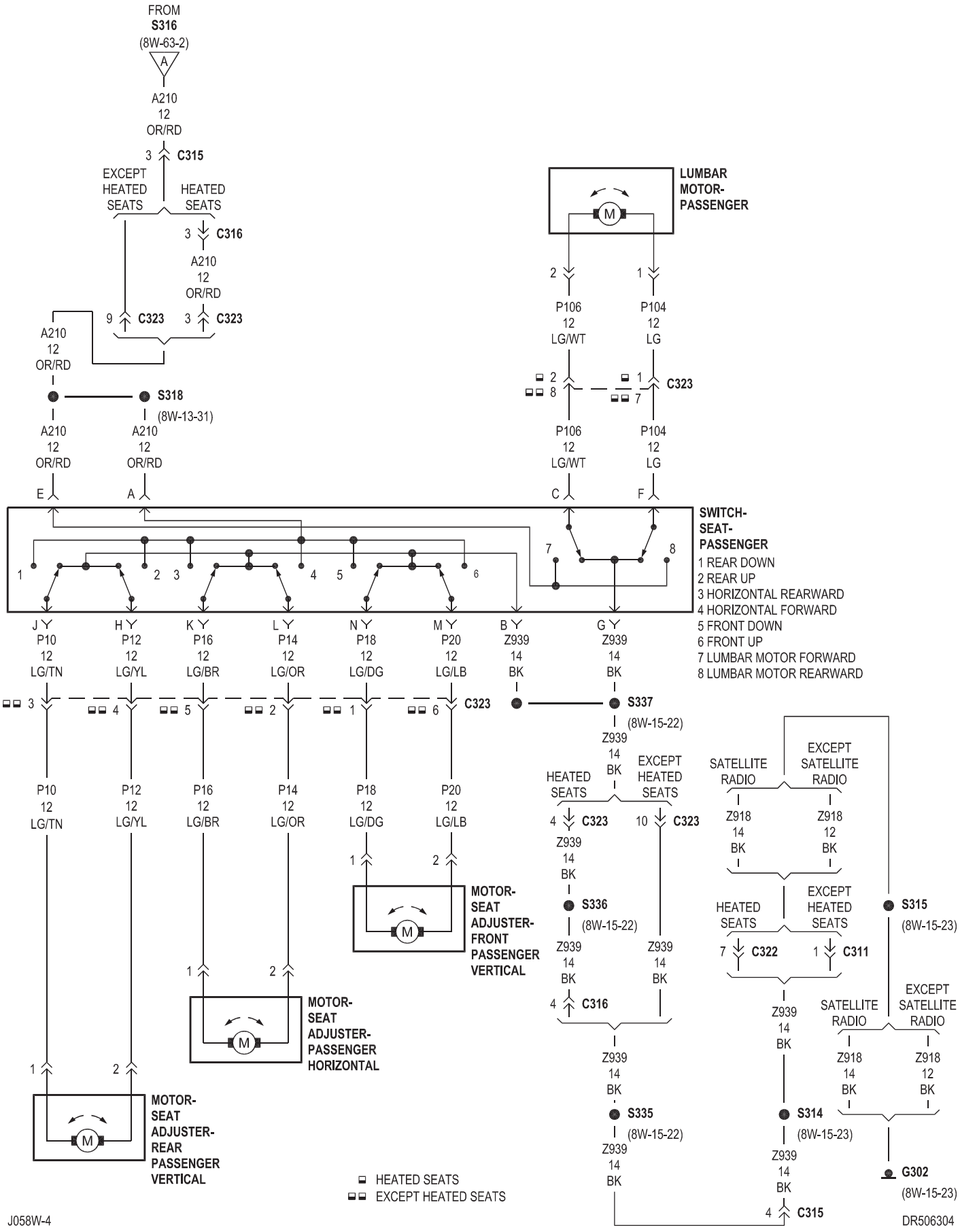
STANDARD CAB



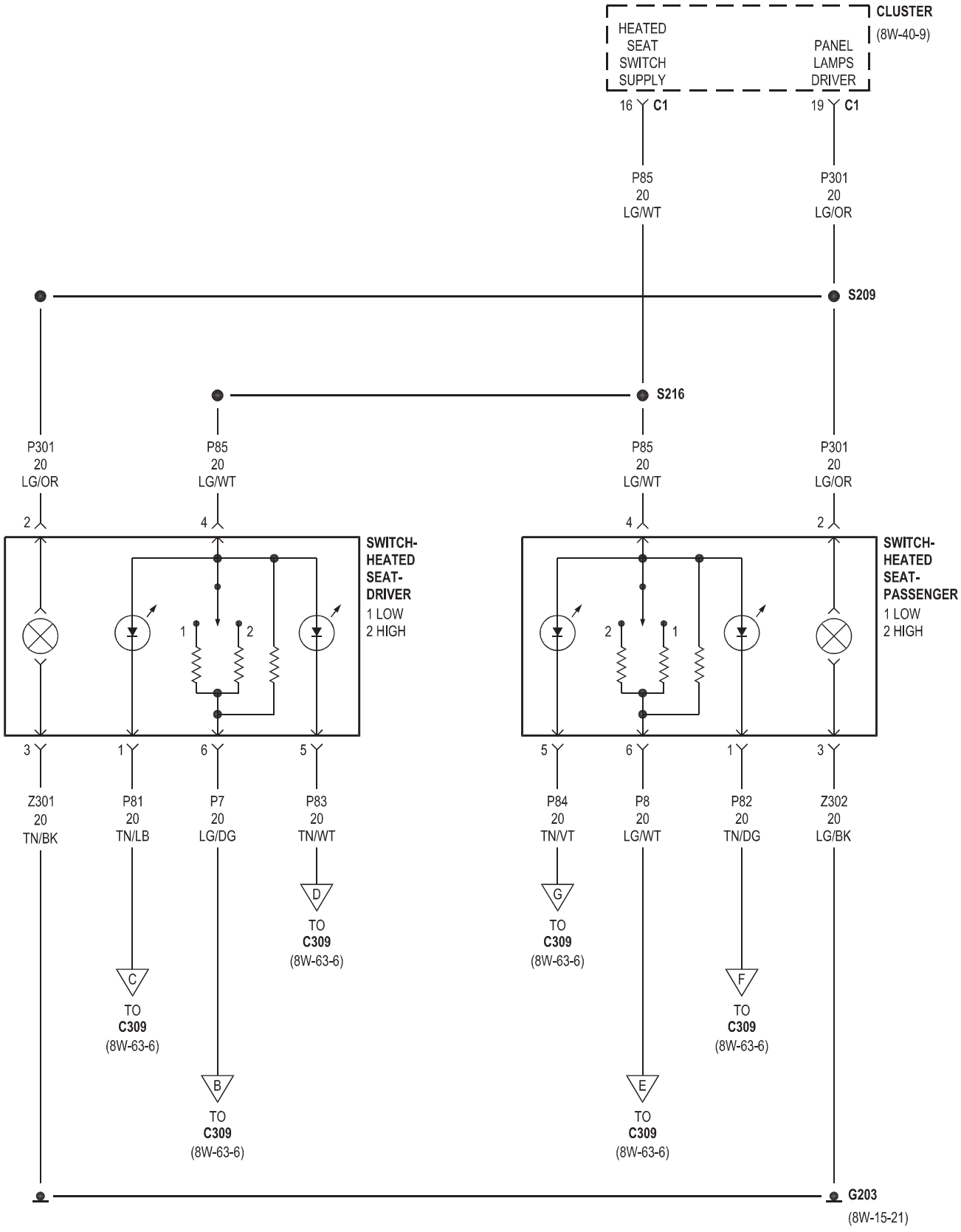
DR506303

J058W-4

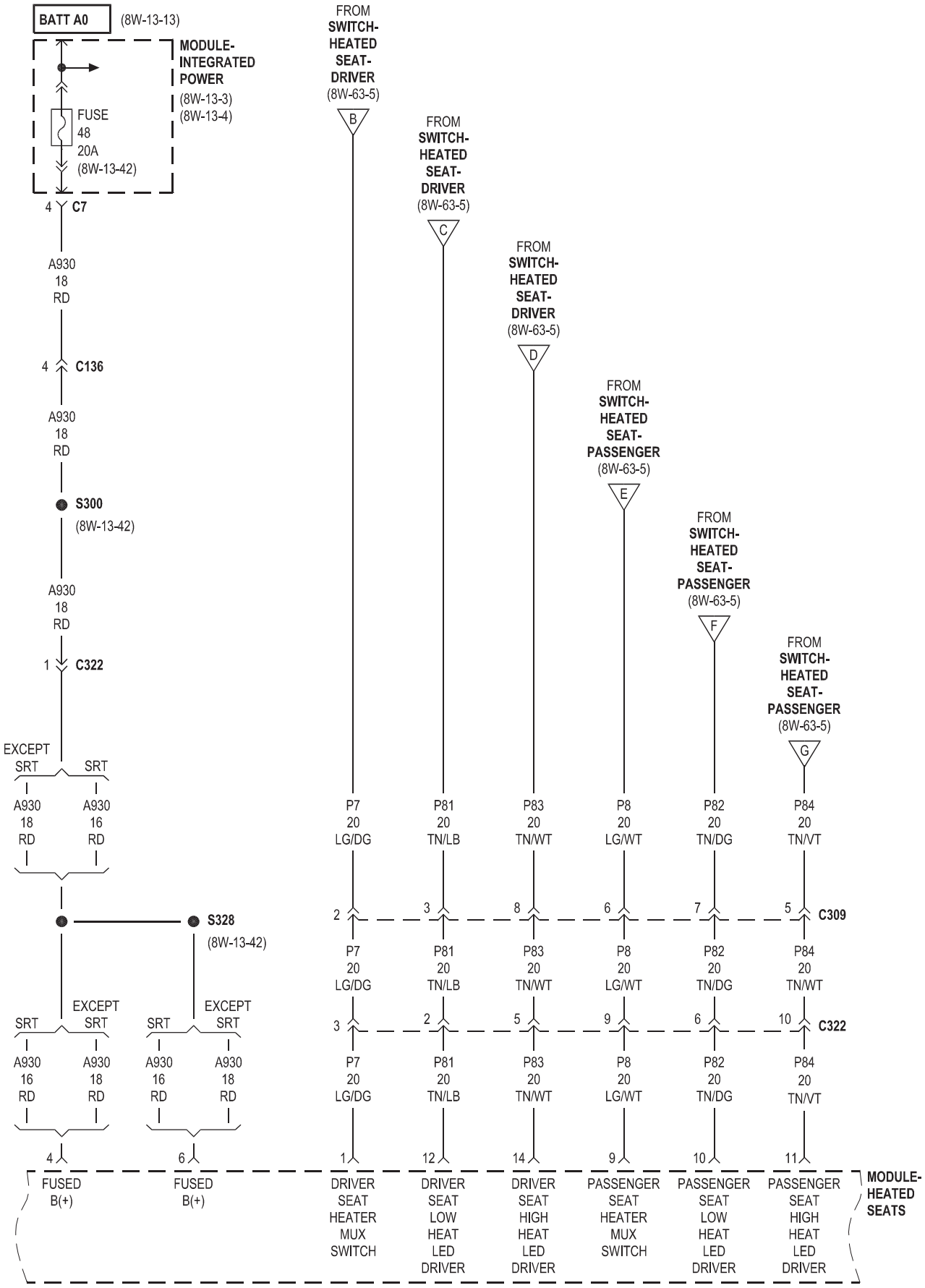
QUAD CAB


FROM S316 (8W-63-2)
A
A210 12 OR/RD
3 C315
EXCEPT HEATED SEATS
HEATED SEATS
3 C316
A210 12 OR/RD
9 C323
3 C323
A210 12 OR/RD
S318
(8W-13-31)
A210 12 OR/RD
A210 12 OR/RD
E
A
LUMBAR MOTOR- PASSENGER
M
2
1
P106 12 LG/WT
P104 12 LG
2
8
1
7
C323
P106 12 LG/WT
P104 12 LG
C
F
SWITCH- SEAT- PASSENGER
1 REAR DOWN
2 REAR UP
3 HORIZONTAL REARWARD
4 HORIZONTAL FORWARD
5 FRONT DOWN
6 FRONT UP
7 LUMBAR MOTOR FORWARD
8 LUMBAR MOTOR REARWARD
J P10 12 LG/TN
H P12 12 LG/YL
K P16 12 LG/BR
L P14 12 LG/OR
N P18 12 LG/DG
M P20 12 LG/LB
B Z939 14 BK
G Z939 14 BK
3
4
5
2
1
6
C323
S337
(8W-15-22)
Z939 14 BK
HEATED SEATS
EXCEPT HEATED SEATS
4 C323
10 C323
Z939 14 BK
S336
(8W-15-22)
Z939 14 BK
Z939 14 BK
4 C316
Z939 14 BK
S335
(8W-15-22)
Z939 14 BK
P10 12 LG/TN
P12 12 LG/YL
P16 12 LG/BR
P14 12 LG/OR
P18 12 LG/DG
P20 12 LG/LB
1
2
M
MOTOR- SEAT ADJUSTER- FRONT PASSENGER VERTICAL
1
2
M
MOTOR- SEAT ADJUSTER- PASSENGER HORIZONTAL
1
2
M
MOTOR- SEAT ADJUSTER- REAR PASSENGER VERTICAL
SATELLITE RADIO
EXCEPT SATELLITE RADIO
Z918 14 BK
Z918 12 BK
HEATED SEATS
EXCEPT HEATED SEATS
S315
(8W-15-23)
7 C322
1 C311
Z939 14 BK
SATELLITE RADIO
EXCEPT SATELLITE RADIO
Z918 14 BK
Z918 12 BK
S314
(8W-15-23)
Z939 14 BK
G302
(8W-15-23)
4 C315
HEATED SEATS
EXCEPT HEATED SEATS
J058W-4
DR506304

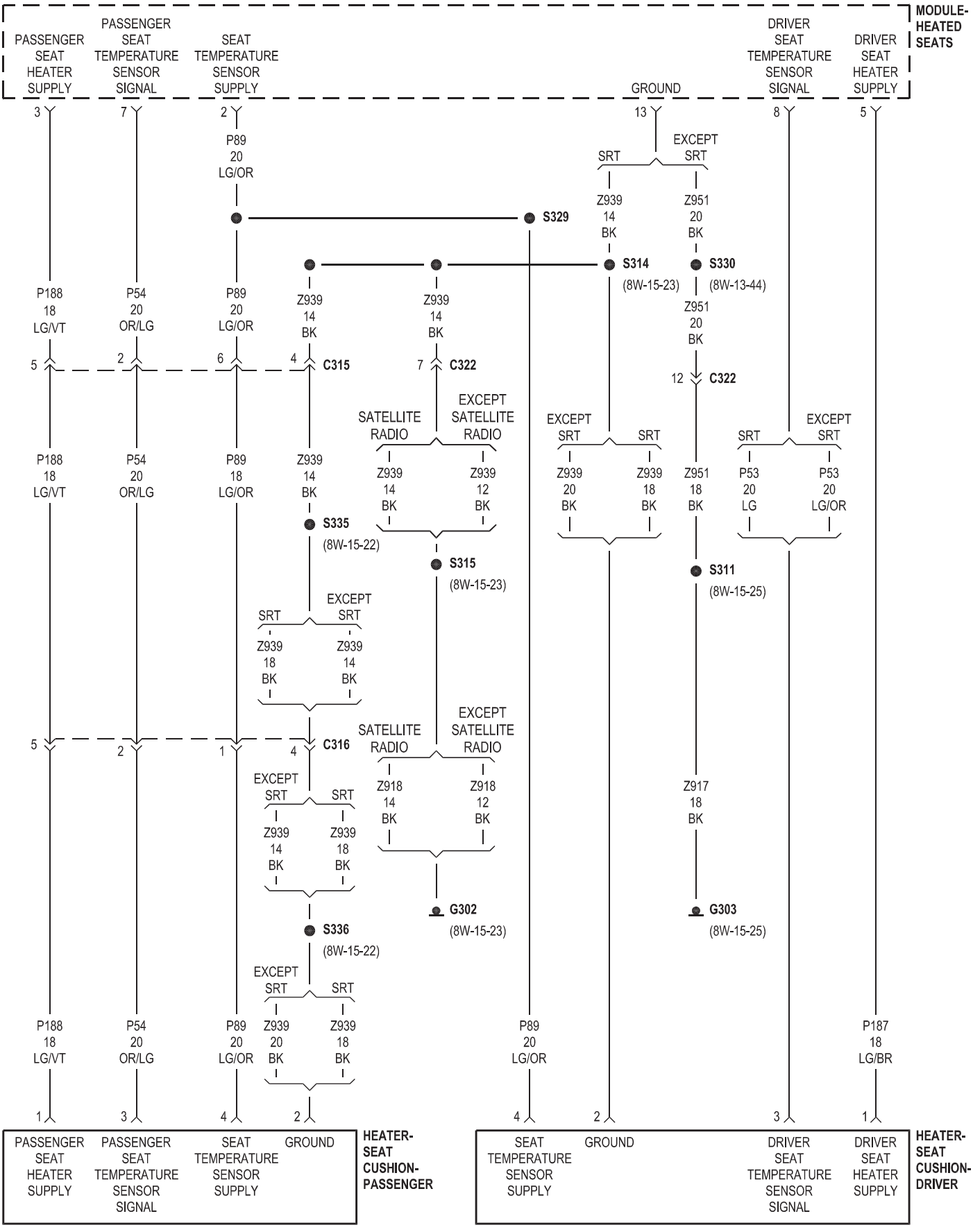
HEATED SEATS



HEATED SEATS



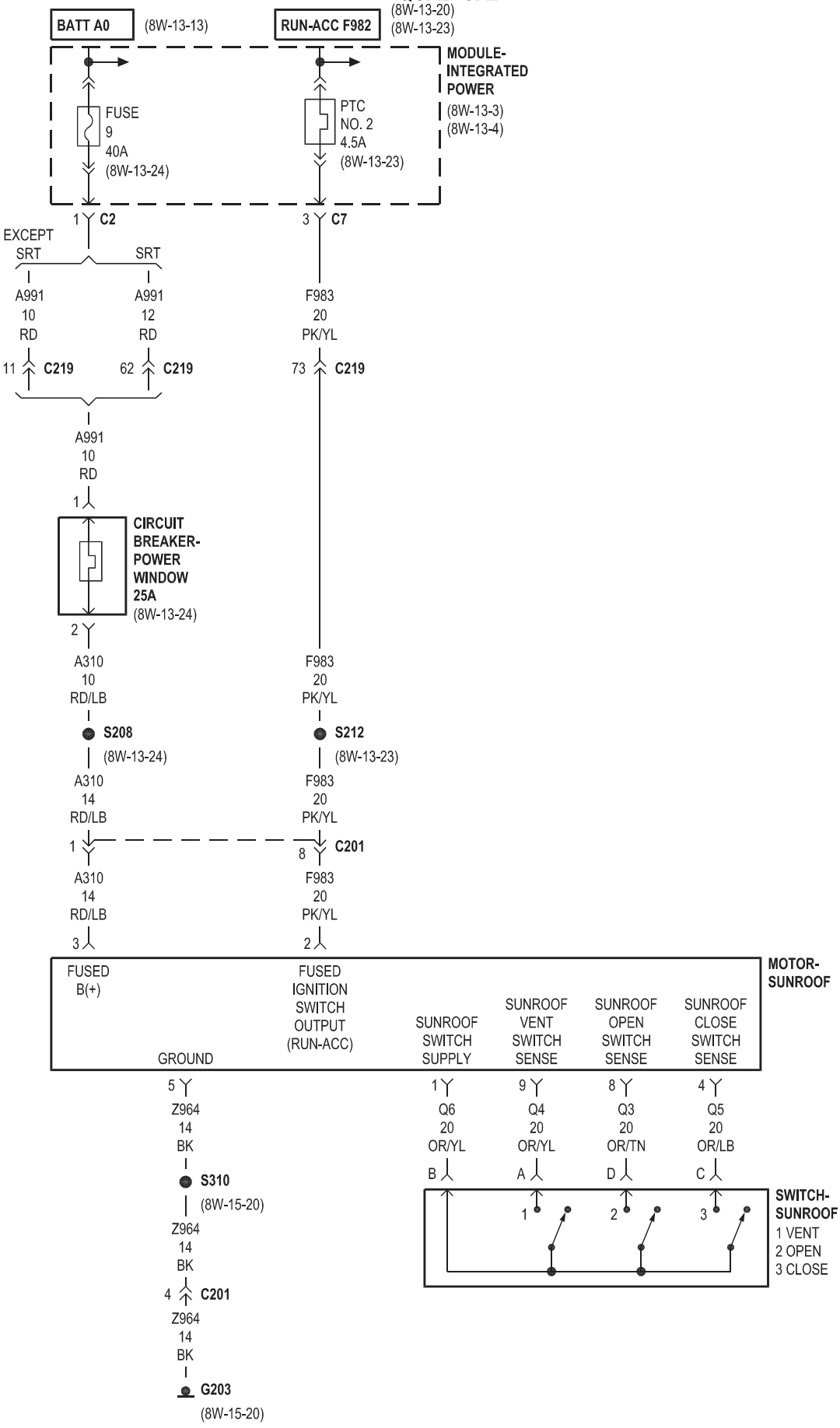
HEATED SEATS



8W-64 POWER SUNROOF

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

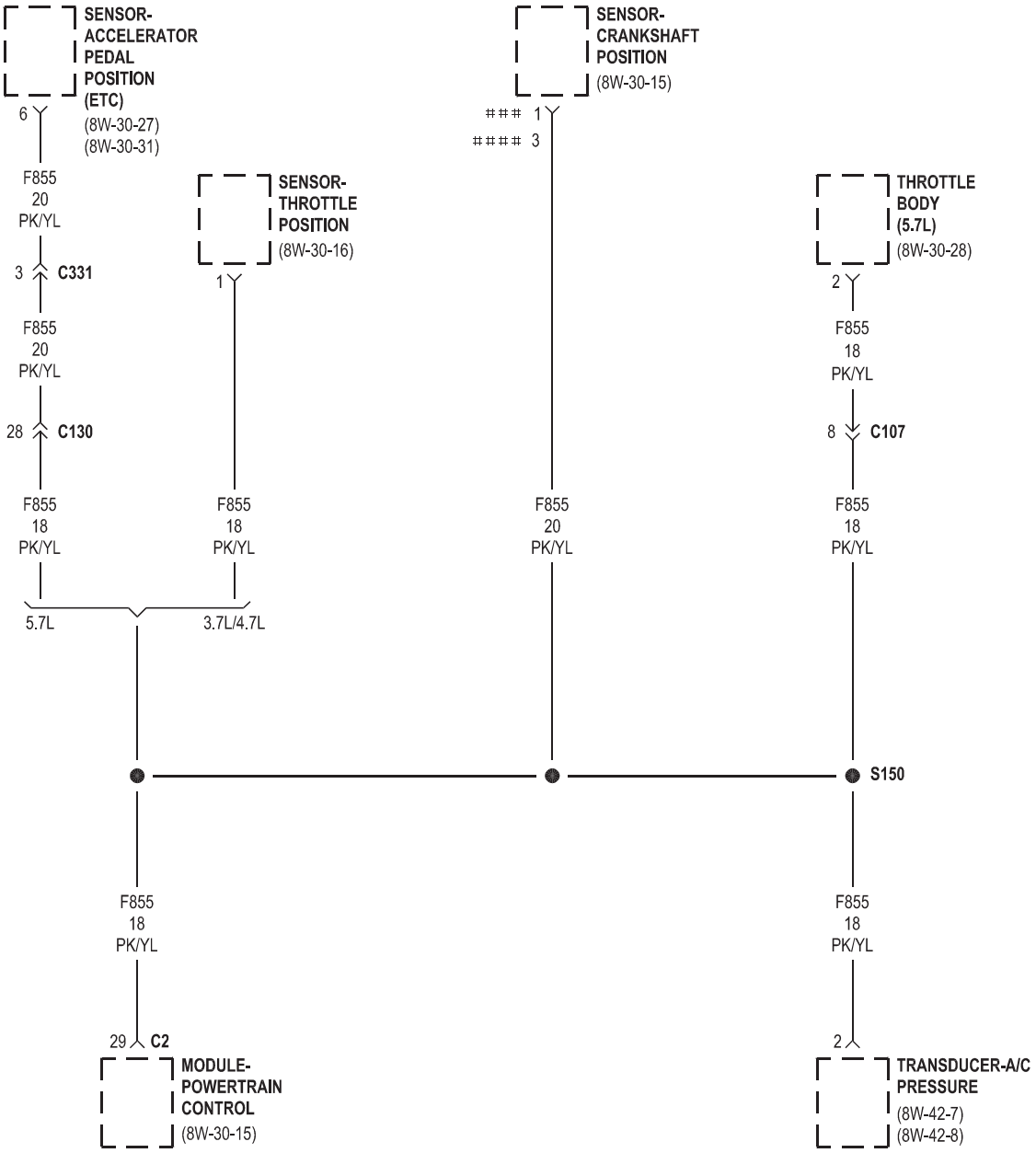
QUAD CAB


BATT A0
(8W-13-13)
RUN-ACC F982
(8W-13-20)
(8W-13-23)
MODULE-INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 9 40A
(8W-13-24)
PTC NO. 2 4.5A
(8W-13-23)
1 C2
3 C7
EXCEPT SRT
SRT
A991 10 RD
A991 12 RD
F983 20 PK/YL
11 C219
62 C219
73 C219
A991 10 RD
1
CIRCUIT BREAKER-POWER WINDOW 25A
(8W-13-24)
2
A310 10 RD/LB
F983 20 PK/YL
S208
(8W-13-24)
S212
(8W-13-23)
A310 14 RD/LB
F983 20 PK/YL
1
8 C201
A310 14 RD/LB
F983 20 PK/YL
3
2
MOTOR-SUNROOF
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
GROUND
SUNROOF SWITCH SUPPLY
SUNROOF VENT SWITCH SENSE
SUNROOF OPEN SWITCH SENSE
SUNROOF CLOSE SWITCH SENSE
5 Z964 14 BK
S310
(8W-15-20)
Z964 14 BK
4 C201
Z964 14 BK
G203
(8W-15-20)
1 Q6 20 OR/YL
9 Q4 20 OR/YL
8 Q3 20 OR/TN
4 Q5 20 OR/LB
B
A
D
C
SWITCH-SUNROOF
1 VENT
2 OPEN
3 CLOSE

8W-70 SPLICE INFORMATION

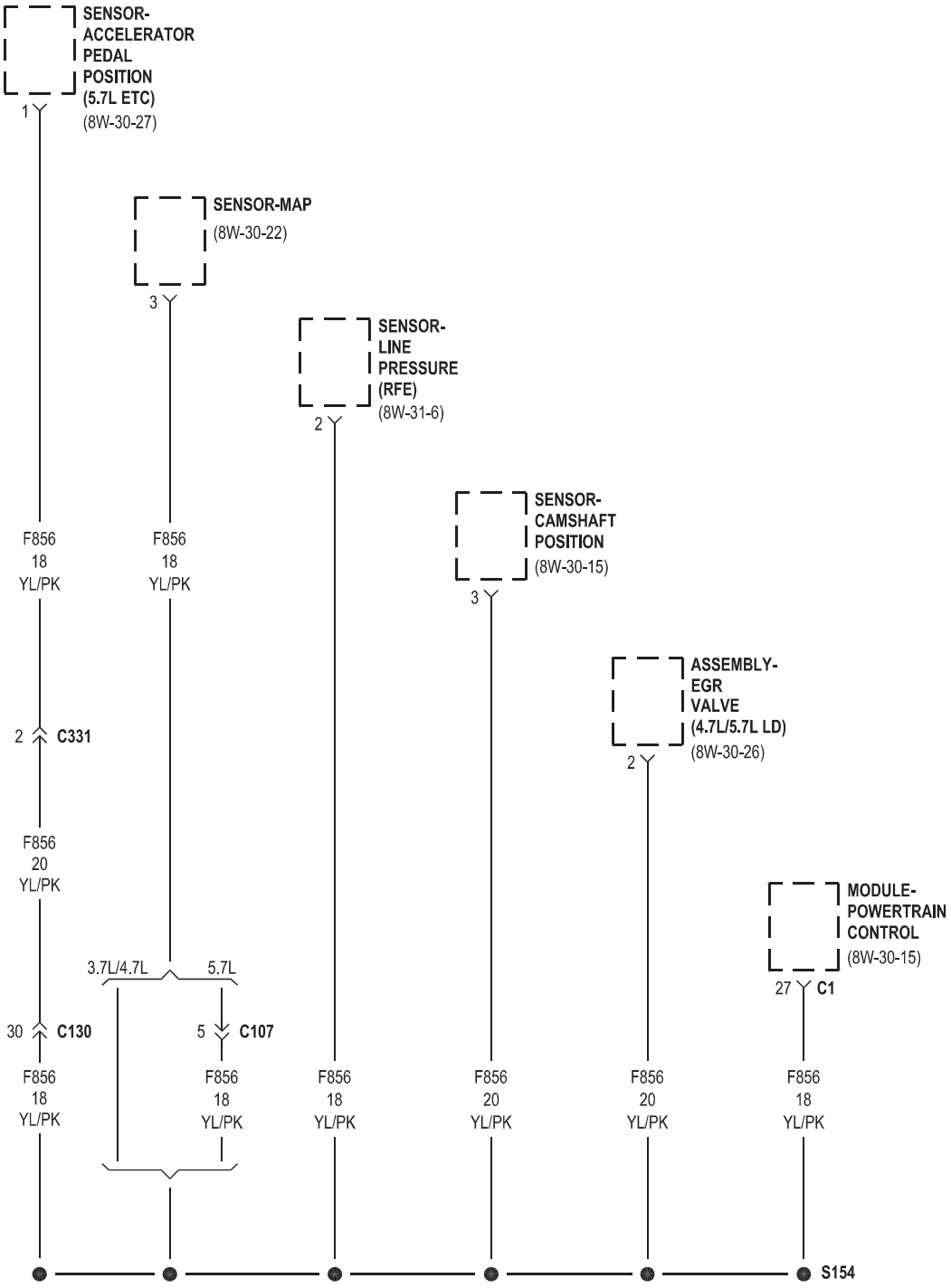
Component	Page
S101	8W-15-2
S102	8W-13-36
S103	8W-70-6
S104	8W-13-43
S105	8W-15-4
S106	8W-13-36
S107	8W-13-43
S108	8W-15-11
S109	8W-13-43
S110	8W-13-39
S111	8W-33-2
S112	8W-13-15
S113	8W-48-2
S114	8W-13-31
S115	8W-13-13
S116	8W-13-23
S117	8W-70-4
S118	8W-13-13
S119	8W-31-5
S120	8W-13-47
S121	8W-33-3
S122	8W-13-21
S123	8W-70-11, 12
S124	8W-70-3, 5, 12
S125	8W-13-27
S126	8W-30-14, 21
S127	8W-31-9
S128	8W-13-19
S129	8W-13-19
S130	8W-70-7, 8
S131	8W-70-9
S132	8W-70-7, 8, 9
S133	8W-31-12
S134	8W-13-19
S135	8W-70-8
S136	8W-30-13, 30
S137	8W-13-15
S138	8W-20-2
S140	8W-13-26
S141	8W-30-14, 20
S142	8W-13-16
S143	8W-13-17
S144	8W-70-6
S145	8W-13-33
S146	8W-70-10
S147	8W-15-7
S148	8W-13-15
S149	8W-13-16
S150	8W-70-2
S151	8W-13-28
S152	8W-30-3, 25
S154	8W-70-3
S155	8W-13-17
S156	8W-30-42
S157	8W-30-31
S158	8W-30-42
S159	8W-30-42
S160	8W-13-18
S161	8W-15-4
S162	8W-13-17
S163	8W-13-18
S164	8W-15-16
S165	8W-13-13
S166	8W-13-13
S168	8W-30-18
S169	8W-30-19
S170	8W-30-41
S171	8W-30-42
S172	8W-70-12
S173	8W-70-5
S174	8W-30-25, 41
S175	8W-30-41
S176	8W-15-16
S177	8W-30-41
S179	8W-31-8
S181	8W-31-8
S182	8W-70-10
S183	8W-70-9
S185	8W-13-26

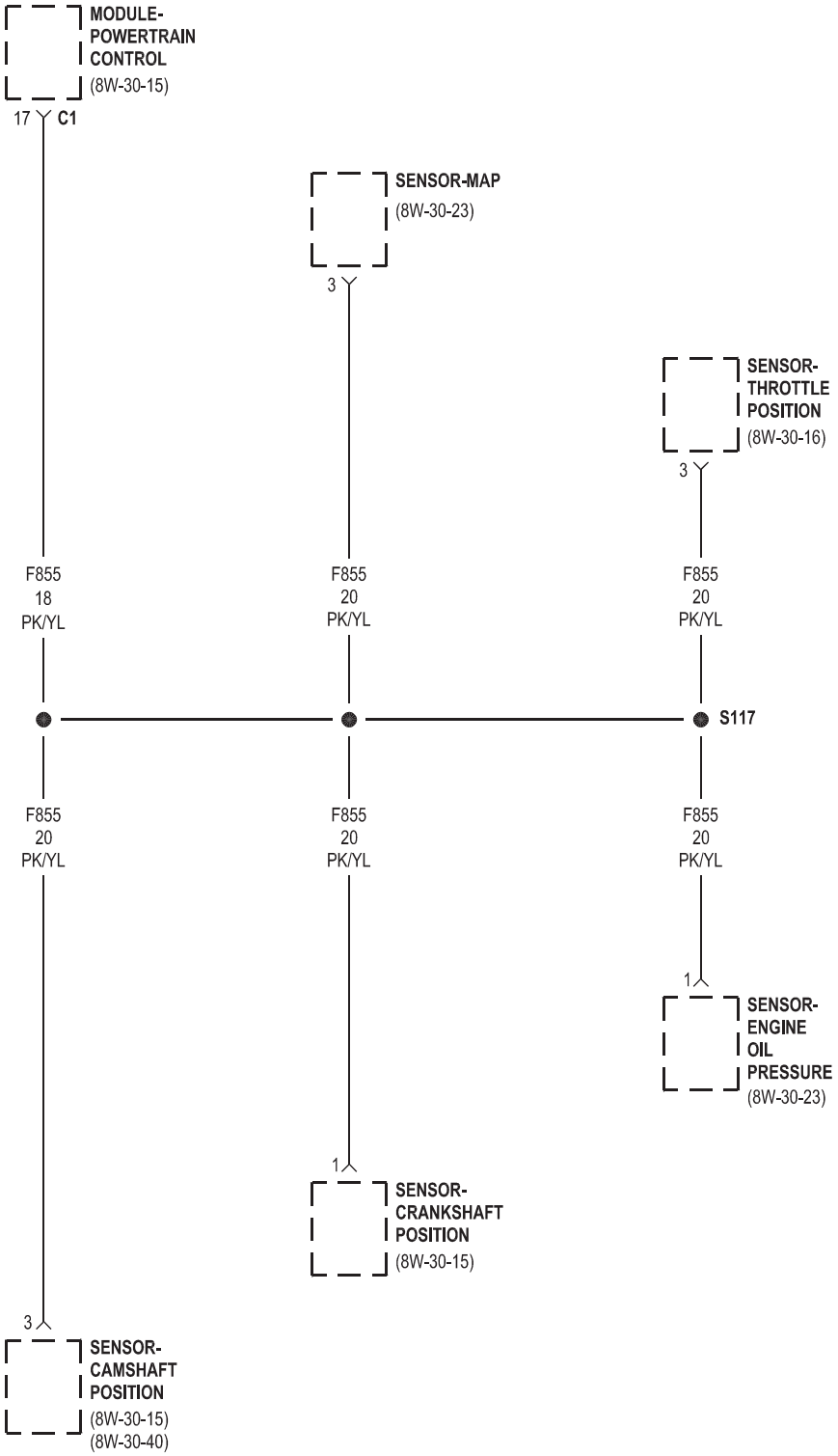
Component	Page
S186	8W-30-35
S188	8W-30-43
S189	8W-30-35
S191	8W-42-9
S192	8W-13-24
S193	8W-13-21
S195	8W-18-6
S196	8W-13-13
S197	8W-13-13
S198	8W-13-13
S199	8W-13-13
S204	8W-13-33
S205	8W-13-22
S206	8W-33-5, 6
S207	8W-33-5, 6
S208	8W-13-24
S209	8W-63-5
S210	8W-13-20
S212	8W-13-23
S214	8W-33-2
S216	8W-63-5
S219	8W-47-9
S220	8W-15-18
S221	8W-13-39
S222	8W-13-40
S224	8W-42-2
S225	8W-13-26
S226	8W-42-4, 5
S228	8W-33-6
S230	8W-18-5
S231	8W-18-6
S240	8W-13-39
S241	8W-13-37
S245	8W-13-33
S246	8W-13-21
S300	8W-13-42
S301	8W-44-2, 3
S303	8W-13-37
S305	8W-15-21
S306	8W-15-23
S308	8W-15-4
S309	8W-15-3
S310	8W-15-20
S311	8W-15-25
S312	8W-15-24
S313	8W-15-24
S314	8W-15-23
S315	8W-15-23
S316	8W-13-31
S318	8W-13-31
S319	8W-15-23
S320	8W-40-4
S321	8W-40-8
S323	8W-61-3
S324	8W-13-36
S325	8W-13-47
S326	8W-13-37
S327	8W-13-36
S328	8W-13-42
S329	8W-63-7
S330	8W-13-44
S331	8W-13-44
S332	8W-62-2
S333	8W-60-3
S334	8W-13-26
S335	8W-15-22
S336	8W-15-22
S337	8W-15-22
S338	8W-61-3
S340	8W-15-3
S341	8W-15-3
S342	8W-13-37
S343	8W-13-37
S344	8W-44-2, 3
S345	8W-47-10
S360	8W-13-31
S390	8W-15-25

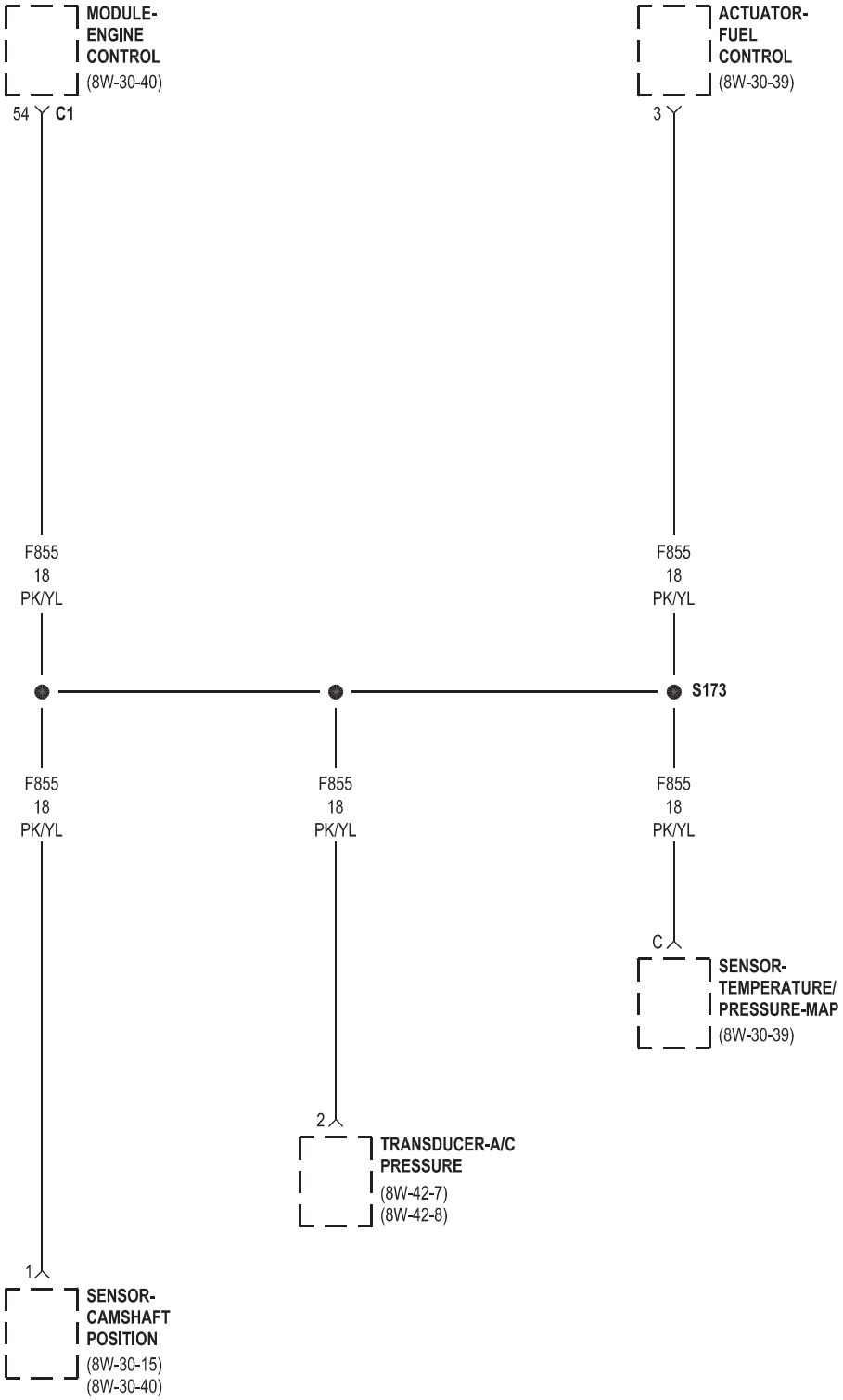

SENSOR-
ACCELERATOR
PEDAL
POSITION
(ETC)
6
(8W-30-27)
(8W-30-31)
F855
20
PK/YL
3
C331
F855
20
PK/YL
28
C130
F855
18
PK/YL
5.7L
SENSOR-
THROTTLE
POSITION
(8W-30-16)
1
F855
18
PK/YL
3.7L/4.7L
SENSOR-
CRANKSHAFT
POSITION
(8W-30-15)
1
3
F855
20
PK/YL
THROTTLE
BODY
(5.7L)
(8W-30-28)
2
F855
18
PK/YL
8
C107
F855
18
PK/YL
S150
F855
18
PK/YL
29
C2
MODULE-
POWERTRAIN
CONTROL
(8W-30-15)
F855
18
PK/YL
2
TRANSDUCER-A/C
PRESSURE
(8W-42-7)
(8W-42-8)

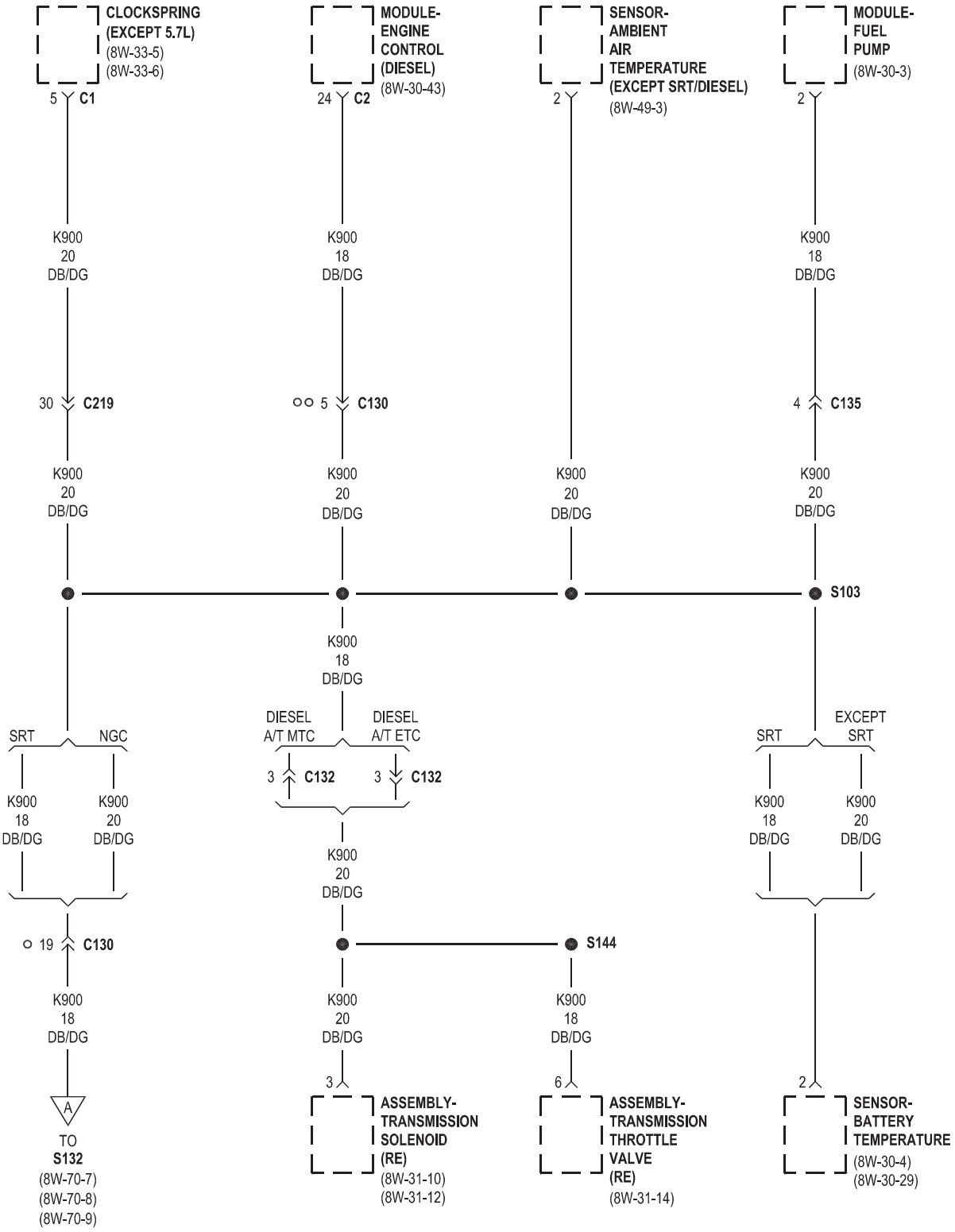
5.7L

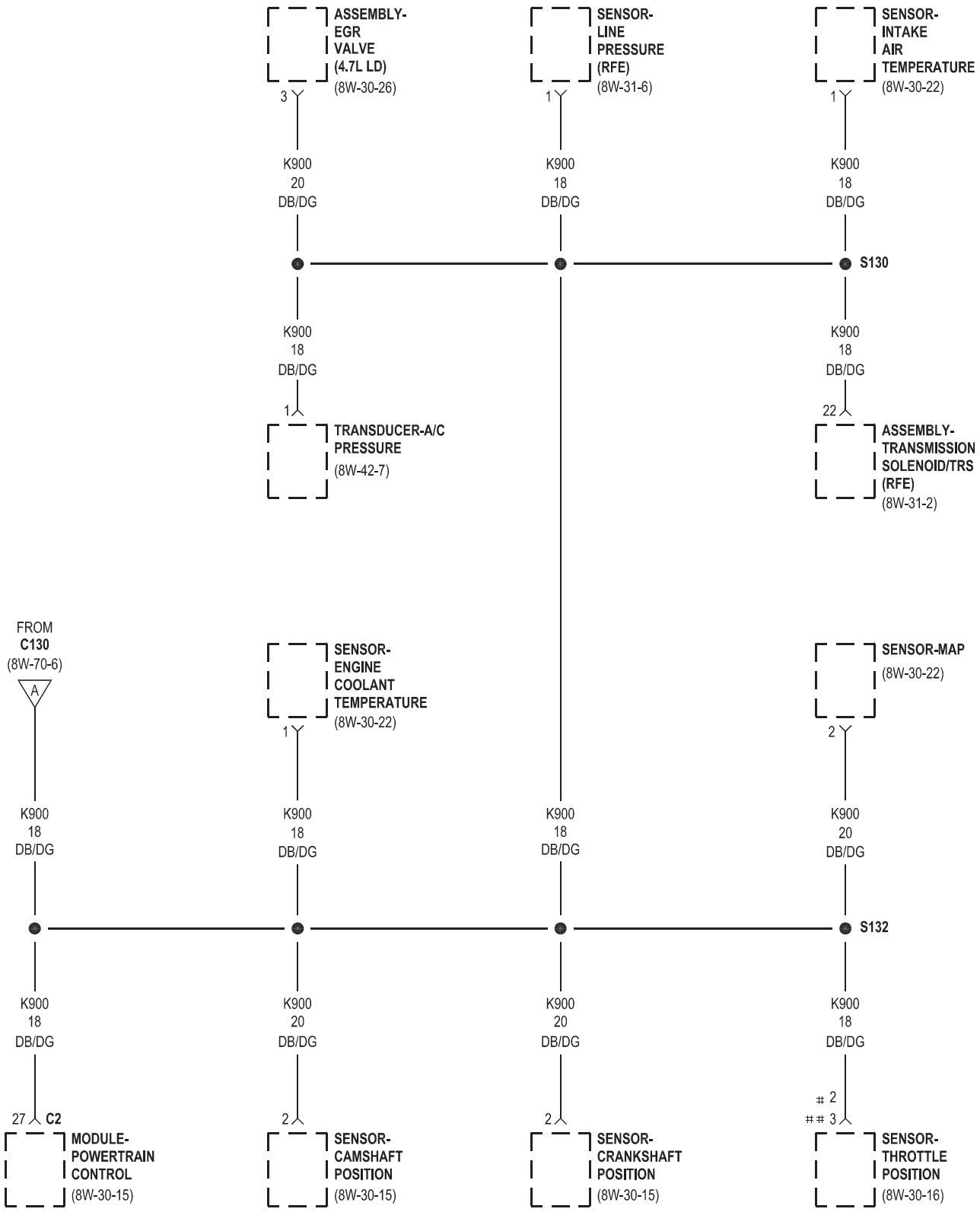
3.7L/4.7L


SENSOR-
ACCELERATOR
PEDAL
POSITION
(5.7L ETC)
(8W-30-27)
1
SENSOR-MAP
(8W-30-22)
3
SENSOR-
LINE
PRESSURE
(RFE)
(8W-31-6)
2
SENSOR-
CAMSHAFT
POSITION
(8W-30-15)
3
ASSEMBLY-
EGR
VALVE
(4.7L/5.7L LD)
(8W-30-26)
2
MODULE-
POWERTRAIN
CONTROL
(8W-30-15)
27 C1
F856
18
YL/PK
F856
18
YL/PK
2 C331
F856
20
YL/PK
3.7L/4.7L
5.7L
30 C130
5 C107
F856
18
YL/PK
F856
18
YL/PK
F856
18
YL/PK
F856
20
YL/PK
F856
20
YL/PK
F856
18
YL/PK
S154

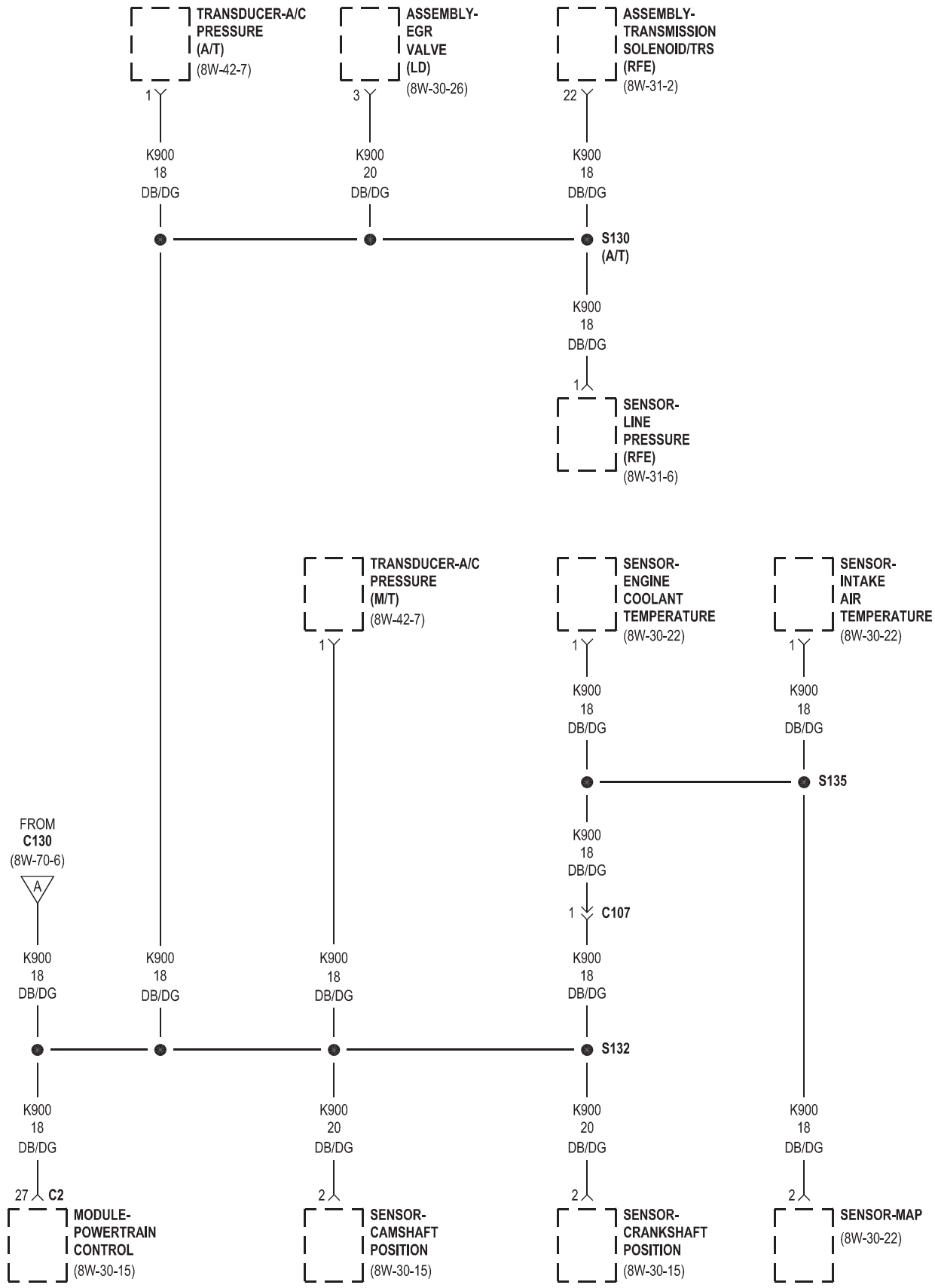

MODULE-
POWERTRAIN
CONTROL
(8W-30-15)
17
C1
SENSOR-MAP
(8W-30-23)
3
SENSOR-
THROTTLE
POSITION
(8W-30-16)
3
F855
18
PK/YL
F855
20
PK/YL
F855
20
PK/YL
S117
F855
20
PK/YL
F855
20
PK/YL
F855
20
PK/YL
1
SENSOR-
ENGINE
OIL
PRESSURE
(8W-30-23)
1
SENSOR-
CRANKSHAFT
POSITION
(8W-30-15)
3
SENSOR-
CAMSHAFT
POSITION
(8W-30-15)
(8W-30-40)

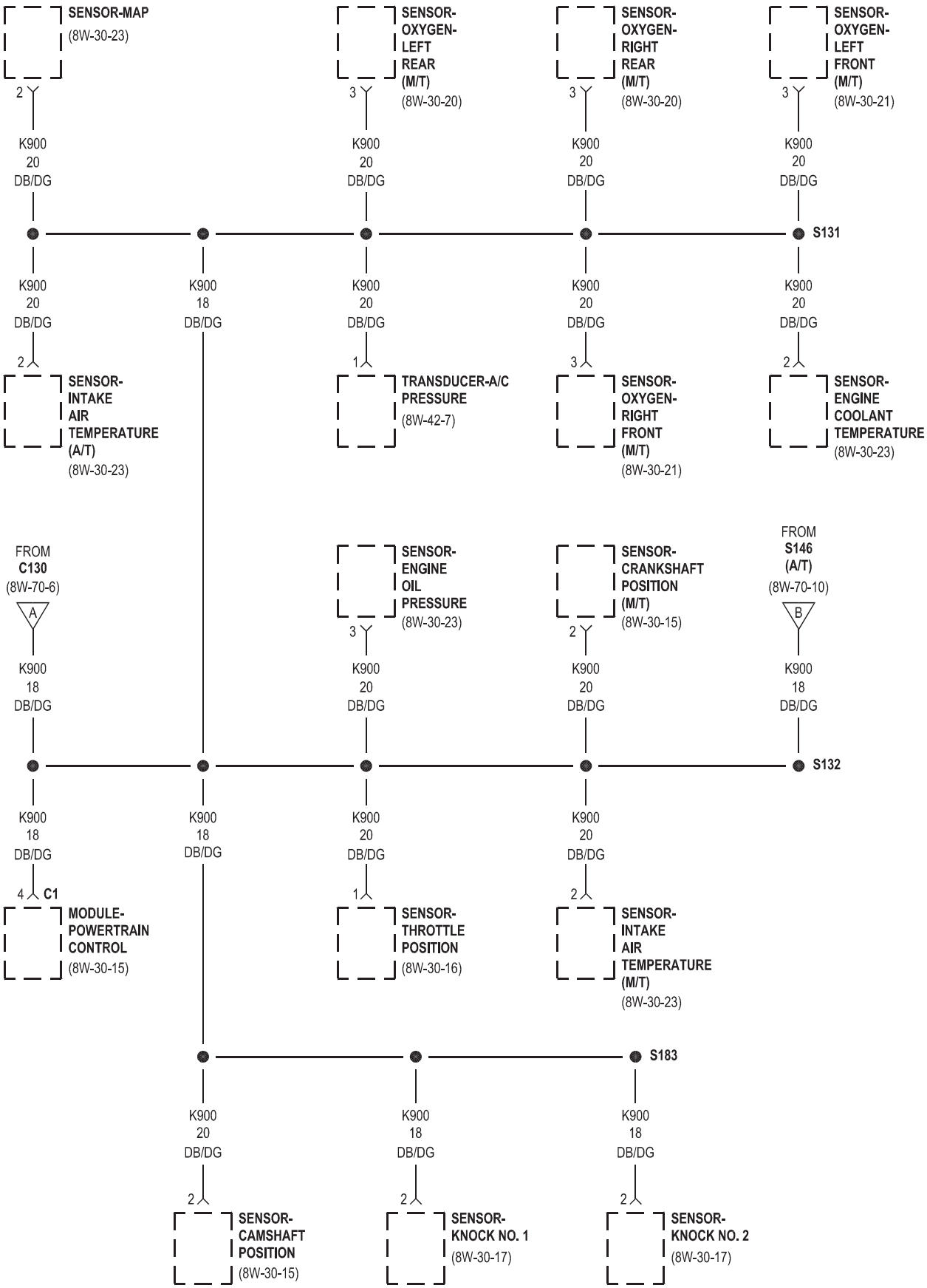

MODULE-
ENGINE
CONTROL
(8W-30-40)
54 C1
ACTUATOR-
FUEL
CONTROL
(8W-30-39)
3
F855
18
PK/YL
F855
18
PK/YL
S173
F855
18
PK/YL
F855
18
PK/YL
F855
18
PK/YL
C
SENSOR-
TEMPERATURE/
PRESSURE-MAP
(8W-30-39)
2
TRANSDUCER-A/C
PRESSURE
(8W-42-7)
(8W-42-8)
1
SENSOR-
CAMSHAFT
POSITION
(8W-30-15)
(8W-30-40)

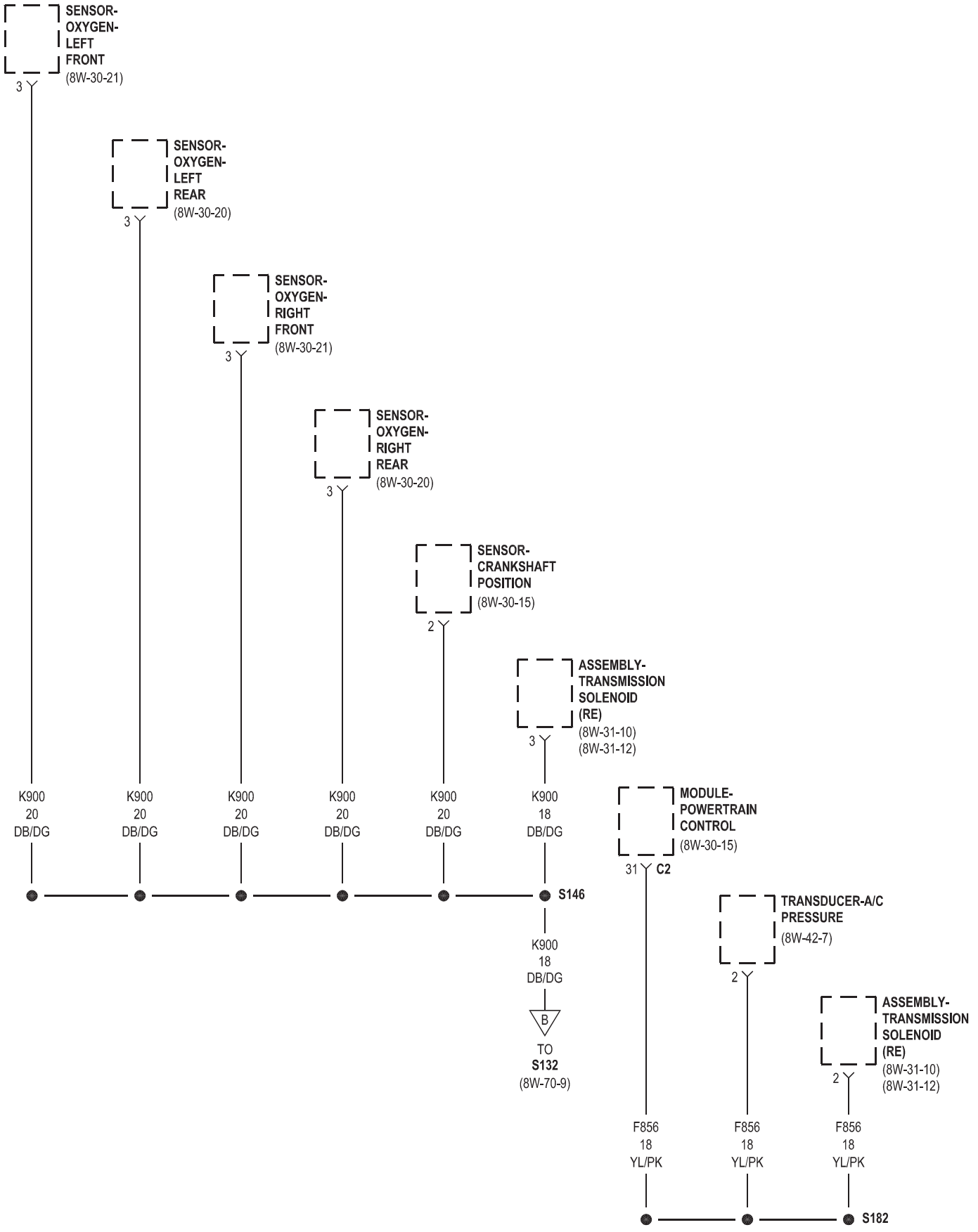

CLOCKSPRING
(EXCEPT 5.7L)
(8W-33-5)
(8W-33-6)
5 C1
MODULE-
ENGINE
CONTROL
(DIESEL)
(8W-30-43)
24 C2
SENSOR-
AMBIENT
AIR
TEMPERATURE
(EXCEPT SRT/DIESEL)
(8W-49-3)
2
MODULE-
FUEL
PUMP
(8W-30-3)
2
K900
20
DB/DG
K900
18
DB/DG
K900
18
DB/DG
30 C219
o o 5 C130
4 C135
K900
20
DB/DG
K900
20
DB/DG
K900
20
DB/DG
K900
20
DB/DG
S103
K900
18
DB/DG
SRT
NGC
DIESEL
A/T MTC
DIESEL
A/T ETC
3 C132
3 C132
SRT
EXCEPT
SRT
K900
18
DB/DG
K900
20
DB/DG
K900
20
DB/DG
K900
18
DB/DG
o 19 C130
K900
20
DB/DG
S144
K900
18
DB/DG
K900
18
DB/DG
A
3
6
2
TO
S132
(8W-70-7)
(8W-70-8)
(8W-70-9)
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
(8W-31-10)
(8W-31-12)
ASSEMBLY-
TRANSMISSION
THROTTLE
VALVE
(RE)
(8W-31-14)
SENSOR-
BATTERY
TEMPERATURE
(8W-30-4)
(8W-30-29)
o GAS
o o DIESEL

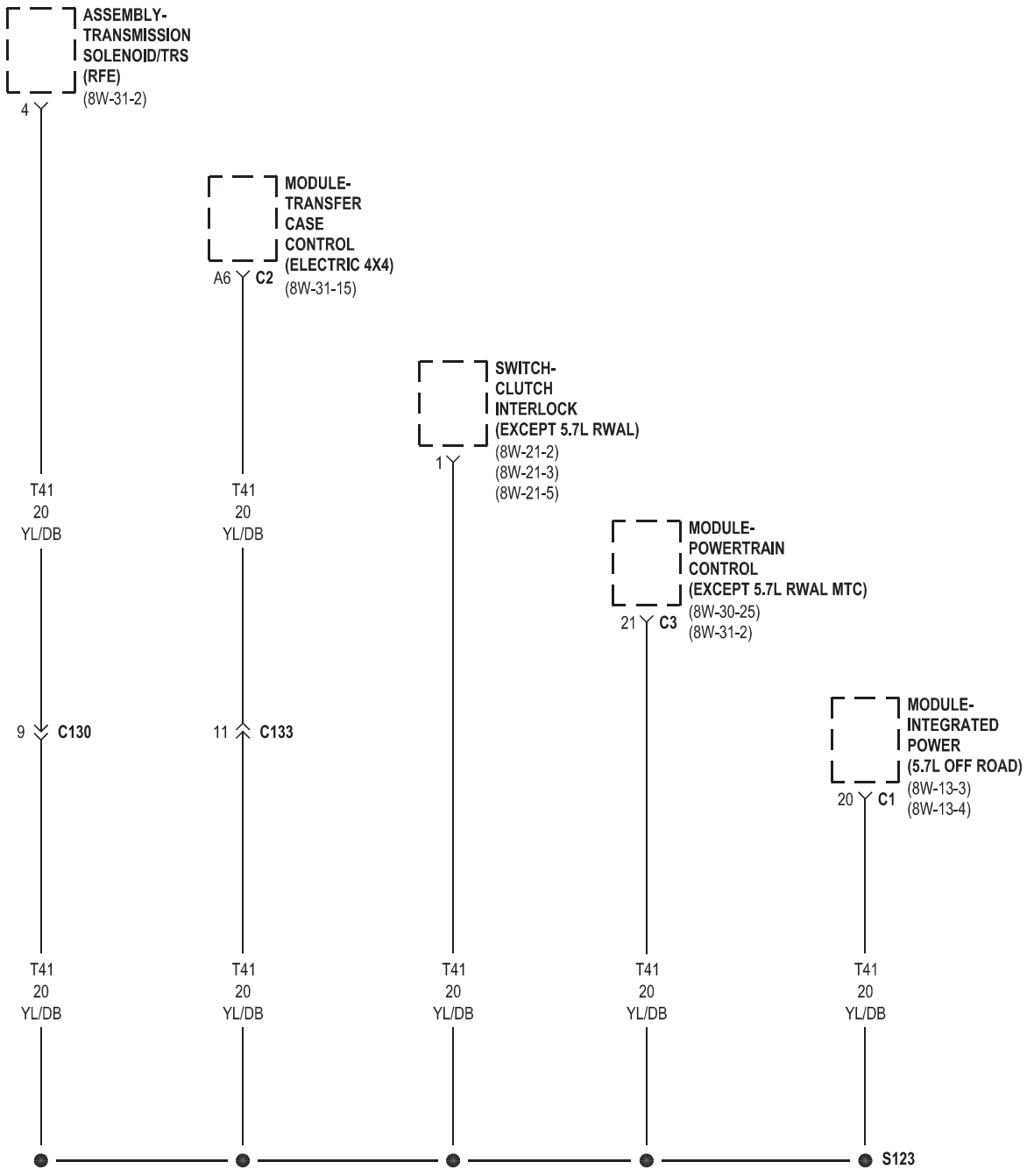

ASSEMBLY-
EGR
VALVE
(4.7L LD)
(8W-30-26)
3
K900
20
DB/DG
SENSOR-
LINE
PRESSURE
(RFE)
(8W-31-6)
1
K900
18
DB/DG
SENSOR-
INTAKE
AIR
TEMPERATURE
(8W-30-22)
1
K900
18
DB/DG
S130
K900
18
DB/DG
1
TRANSDUCER-A/C
PRESSURE
(8W-42-7)
K900
18
DB/DG
22
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
(8W-31-2)
FROM
C130
(8W-70-6)
A
K900
18
DB/DG
SENSOR-
ENGINE
COOLANT
TEMPERATURE
(8W-30-22)
1
K900
18
DB/DG
K900
18
DB/DG
SENSOR-MAP
(8W-30-22)
2
K900
20
DB/DG
S132
K900
18
DB/DG
27
C2
MODULE-
POWERTRAIN
CONTROL
(8W-30-15)
K900
20
DB/DG
2
SENSOR-
CAMSHAFT
POSITION
(8W-30-15)
K900
20
DB/DG
2
SENSOR-
CRANKSHAFT
POSITION
(8W-30-15)
K900
18
DB/DG
2
3
SENSOR-
THROTTLE
POSITION
(8W-30-16)

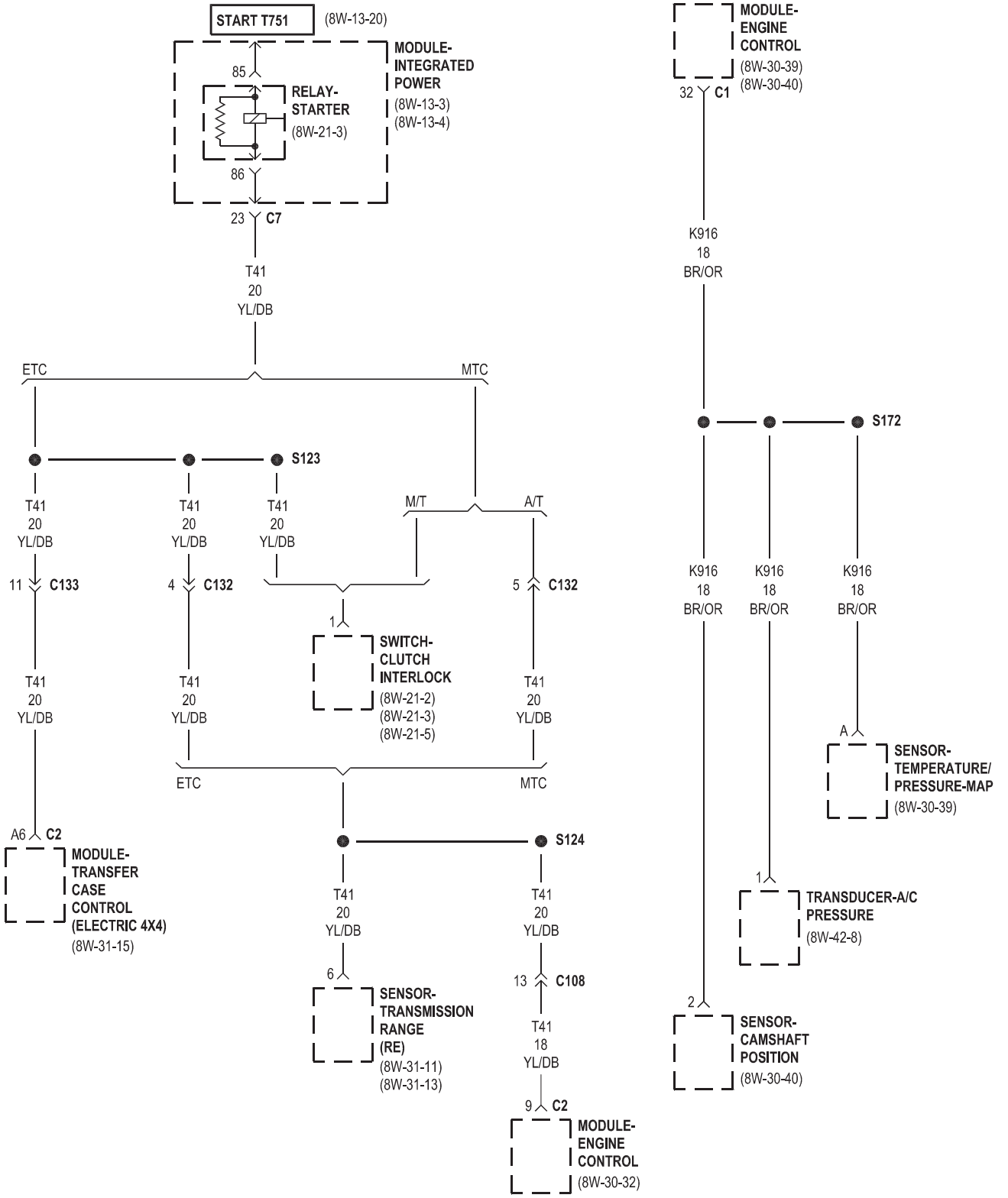
3.7L
4.7L


TRANSDUCER-A/C PRESSURE (A/T)
(8W-42-7)
1
K900 18 DB/DG
ASSEMBLY-EGR VALVE (LD)
(8W-30-26)
3
K900 20 DB/DG
ASSEMBLY-TRANSMISSION SOLENOID/TRS (RFE)
(8W-31-2)
22
K900 18 DB/DG
S130 (A/T)
K900 18 DB/DG
1
SENSOR-LINE PRESSURE (RFE)
(8W-31-6)
TRANSDUCER-A/C PRESSURE (M/T)
(8W-42-7)
1
SENSOR-ENGINE COOLANT TEMPERATURE
(8W-30-22)
1
K900 18 DB/DG
SENSOR-INTAKE AIR TEMPERATURE
(8W-30-22)
1
K900 18 DB/DG
S135
K900 18 DB/DG
1 C107
FROM C130
(8W-70-6)
A
K900 18 DB/DG
K900 18 DB/DG
K900 18 DB/DG
K900 18 DB/DG
S132
K900 18 DB/DG
27 C2
MODULE-POWERTRAIN CONTROL
(8W-30-15)
K900 20 DB/DG
2
SENSOR-CAMSHAFT POSITION
(8W-30-15)
K900 20 DB/DG
2
SENSOR-CRANKSHAFT POSITION
(8W-30-15)
K900 18 DB/DG
2
SENSOR-MAP
(8W-30-22)


SENSOR-MAP
(8W-30-23)
2
K900
20
DB/DG
SENSOR-
OXYGEN-
LEFT
REAR
(M/T)
(8W-30-20)
3
K900
20
DB/DG
SENSOR-
OXYGEN-
RIGHT
REAR
(M/T)
(8W-30-20)
3
K900
20
DB/DG
SENSOR-
OXYGEN-
LEFT
FRONT
(M/T)
(8W-30-21)
3
K900
20
DB/DG
S131
K900
20
DB/DG
2
SENSOR-
INTAKE
AIR
TEMPERATURE
(A/T)
(8W-30-23)
K900
18
DB/DG
K900
20
DB/DG
1
TRANSDUCER-A/C
PRESSURE
(8W-42-7)
K900
20
DB/DG
3
SENSOR-
OXYGEN-
RIGHT
FRONT
(M/T)
(8W-30-21)
K900
20
DB/DG
2
SENSOR-
ENGINE
COOLANT
TEMPERATURE
(8W-30-23)
FROM
C130
(8W-70-6)
A
K900
18
DB/DG
SENSOR-
ENGINE
OIL
PRESSURE
(8W-30-23)
3
K900
20
DB/DG
SENSOR-
CRANKSHAFT
POSITION
(M/T)
(8W-30-15)
2
K900
20
DB/DG
FROM
S146
(A/T)
(8W-70-10)
B
K900
18
DB/DG
S132
K900
18
DB/DG
4
C1
MODULE-
POWERTRAIN
CONTROL
(8W-30-15)
K900
18
DB/DG
K900
20
DB/DG
1
SENSOR-
THROTTLE
POSITION
(8W-30-16)
K900
20
DB/DG
2
SENSOR-
INTAKE
AIR
TEMPERATURE
(M/T)
(8W-30-23)
S183
K900
20
DB/DG
2
SENSOR-
CAMSHAFT
POSITION
(8W-30-15)
K900
18
DB/DG
2
SENSOR-
KNOCK NO. 1
(8W-30-17)
K900
18
DB/DG
2
SENSOR-
KNOCK NO. 2
(8W-30-17)


SENSOR-
OXYGEN-
LEFT
FRONT
(8W-30-21)
3
SENSOR-
OXYGEN-
LEFT
REAR
(8W-30-20)
3
SENSOR-
OXYGEN-
RIGHT
FRONT
(8W-30-21)
3
SENSOR-
OXYGEN-
RIGHT
REAR
(8W-30-20)
3
SENSOR-
CRANKSHAFT
POSITION
(8W-30-15)
2
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
(8W-31-10)
(8W-31-12)
3
K900
20
DB/DG
K900
20
DB/DG
K900
20
DB/DG
K900
20
DB/DG
K900
20
DB/DG
K900
18
DB/DG
S146
K900
18
DB/DG
B
TO
S132
(8W-70-9)
MODULE-
POWERTRAIN
CONTROL
(8W-30-15)
31
C2
TRANSDUCER-A/C
PRESSURE
(8W-42-7)
2
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
(8W-31-10)
(8W-31-12)
2
F856
18
YL/PK
F856
18
YL/PK
F856
18
YL/PK
S182


ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
(8W-31-2)
4
MODULE-
TRANSFER
CASE
CONTROL
(ELECTRIC 4X4)
(8W-31-15)
A6
C2
SWITCH-
CLUTCH
INTERLOCK
(EXCEPT 5.7L RWAL)
(8W-21-2)
(8W-21-3)
(8W-21-5)
1
MODULE-
POWERTRAIN
CONTROL
(EXCEPT 5.7L RWAL MTC)
(8W-30-25)
(8W-31-2)
21
C3
MODULE-
INTEGRATED
POWER
(5.7L OFF ROAD)
(8W-13-3)
(8W-13-4)
20
C1
T41
20
YL/DB
9
C130
11
C133
S123


START T751
(8W-13-20)
MODULE-
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
85
RELAY-
STARTER
(8W-21-3)
86
23 C7
T41
20
YL/DB
ETC
MTC
S123
T41
20
YL/DB
11 C133
4 C132
5 C132
M/T
A/T
1
SWITCH-
CLUTCH
INTERLOCK
(8W-21-2)
(8W-21-3)
(8W-21-5)
A6 C2
MODULE-
TRANSFER
CASE
CONTROL
(ELECTRIC 4X4)
(8W-31-15)
S124
6
SENSOR-
TRANSMISSION
RANGE
(RE)
(8W-31-11)
(8W-31-13)
13 C108
T41
18
YL/DB
9 C2
MODULE-
ENGINE
CONTROL
(8W-30-32)
MODULE-
ENGINE
CONTROL
(8W-30-39)
(8W-30-40)
32 C1
K916
18
BR/OR
S172
A
SENSOR-
TEMPERATURE/
PRESSURE-MAP
(8W-30-39)
TRANSDUCER-A/C
PRESSURE
(8W-42-8)
2
SENSOR-
CAMSHAFT
POSITION
(8W-30-40)

8W-80 CONNECTOR PIN-OUTS

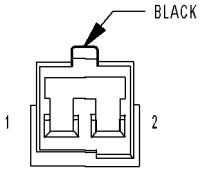
Component	Page
Actuator-Blend Door (Single Zone)	8W-80-6
Actuator-Blend Door-Driver (Dual Zone)	8W-80-6
Actuator-Blend Door-Passenger (Dual Zone)	8W-80-6
Actuator-Fuel Control (Diesel)	8W-80-6
Actuator-Mode Door 1 (Panel To Floor)	8W-80-6
Actuator-Mode Door 2 (Defrost To Floor)	8W-80-7
Actuator-Recirculation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

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

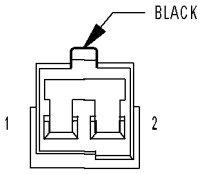
Component	Page
Solenoid-Reverse Lock-Out (SRT M/T)	8W-80-125
Solenoid-Wastegate (Diesel)	8W-80-125
Speaker-Instrument Panel-Center (Premium)	8W-80-125
Speaker-Instrument Panel-Left	8W-80-125
Speaker-Instrument Panel-Right	8W-80-126
Speaker-Left Front Door	8W-80-126
Speaker-Left Rear	8W-80-126
Speaker-Right 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
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

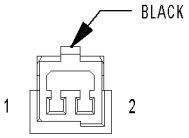
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



ACTUATOR-
BLEND DOOR-
DRIVER
(DUAL ZONE)

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

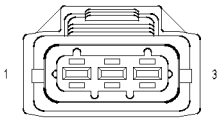
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



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

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

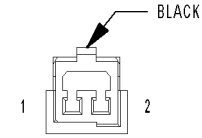
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C33 20LB/BR	PASSENGER BLEND DOOR DRIVER



**ACTUATOR-
FUEL
CONTROL
(DIESEL)**

ACTUATOR-FUEL CONTROL (DIESEL) - 3 WAY

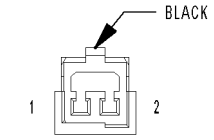
CAV	CIRCUIT	FUNCTION
1	K915 18VT/RD	FUEL RAIL SENSOR RETURN
2	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
3	F855 18PK/YL	5 VOLT SUPPLY



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

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

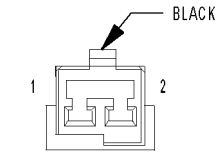
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C801 20DB/OR	MODE DOOR 1 DRIVER



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

ACTUATOR-MODE DOOR 2 (DEFROST TO FLOOR) - BLACK 2 WAY

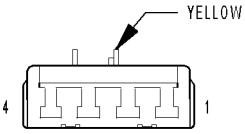
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C29 20DB	MODE DOOR 2 DRIVER



**ACTUATOR-
RECIRCULATION DOOR**

ACTUATOR-RECIRCULATION DOOR - BLACK 2 WAY

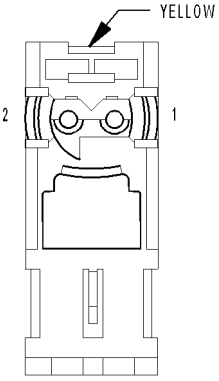
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C32 20DB/TN	RECIRCULATION DOOR DRIVER



**AIRBAG-PASSENGER
SQUIB**

AIRBAG-PASSENGER SQUIB - YELLOW 4 WAY

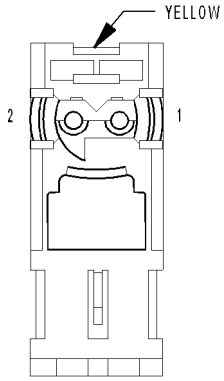
CAV	CIRCUIT	FUNCTION
1	R44 20LB/OR	PASSENGER SQUIB 1 LINE 2
2	R42 20LB/BR	PASSENGER SQUIB 1 LINE 1
3	R64 20LB/WT	PASSENGER SQUIB 2 LINE 1
4	R62 20LB/VT	PASSENGER SQUIB 2 LINE 2



**AIRBAG-
SIDE
CURTAIN-
LEFT**

AIRBAG-SIDE CURTAIN-LEFT - YELLOW 2 WAY

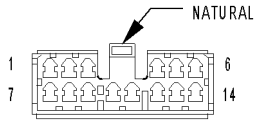
CAV	CIRCUIT	FUNCTION
1	R3 18LB/OR	LEFT CURTAIN SQUIB 1 LINE 1
2	R1 18LB/WT	LEFT CURTAIN SQUIB 1 LINE 2



AIRBAG-SIDE CURTAIN-RIGHT

AIRBAG-SIDE CURTAIN-RIGHT - YELLOW 2 WAY

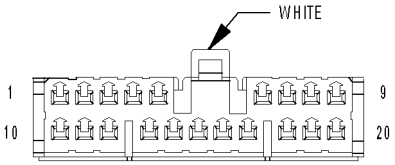
CAV	CIRCUIT	FUNCTION
1	R4 18OR/LB	RIGHT CURTAIN SQUIB 1 LINE 1
2	R2 18WT/LB	RIGHT CURTAIN SQUIB 1 LINE 2



AMPLIFIER-RADIO C1 (PREMIUM)

AMPLIFIER-RADIO C1 (PREMIUM) - NATURAL 14 WAY

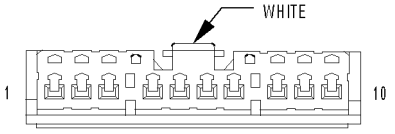
CAV	CIRCUIT	FUNCTION
1	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
2	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
3	X205 18GY/LG	LEFT REAR SPEAKER (+)
4	X206 18DG/LG	RIGHT REAR SPEAKER (+)
5	X30 16DG/TN (SRT)	SUBWOOFER SIGNAL (+)
6	-	-
7	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
8	X156 18GY/LB	RIGHT FRONT DOOR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

AMPLIFIER-RADIO C2 (PREMIUM) - WHITE 20 WAY

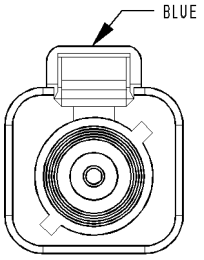
CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
3	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)
4	A116 18YL/RD	FUSED B(+)
5	-	-
6	D25 20WT/VT	PCI BUS
7	X51 20DG/DB	LEFT REAR SPEAKER (+)
8	X52 20GY/DB	RIGHT REAR SPEAKER (+)
9	Z907 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)**

AMPLIFIER-SUBWOOFER (SRT) - WHITE 10 WAY

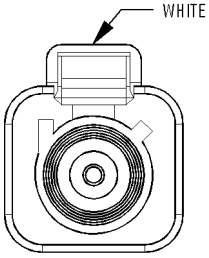
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	A916 16RD	FUSED B(+)
3	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	X390 16DG/BR	AMPLIFIED SUBWOOFER 1 (-)
5	X300 16GY/BR	AMPLIFIED SUBWOOFER 1 (+)
6	X301 16GY/WT	AMPLIFIED SUBWOOFER 2 (+)
7	X391 16DG/WT	AMPLIFIED SUBWOOFER 2 (-)
8	X31 16GY/TN	SUBWOOFER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



ANTENNA CABLE-SATELLITE RADIO NO. 1

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

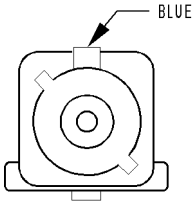
CAV	CIRCUIT	FUNCTION
1	X1	SATELLITE ANTENNA SIGNAL 1



ANTENNA CABLE-SATELLITE RADIO NO. 2

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

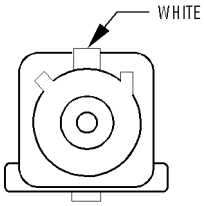
CAV	CIRCUIT	FUNCTION
1	X2	SATELLITE ANTENNA SIGNAL 2



ANTENNA-SATELLITE NO. 1

ANTENNA-SATELLITE NO. 1 - BLUE 1 WAY

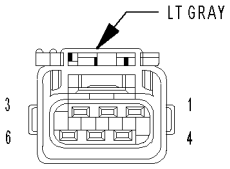
CAV	CIRCUIT	FUNCTION
1	X1	SATELLITE ANTENNA SIGNAL 1



ANTENNA-SATELLITE NO. 2

ANTENNA-SATELLITE NO. 2 - WHITE 1 WAY

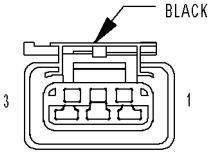
CAV	CIRCUIT	FUNCTION
1	X2	SATELLITE ANTENNA SIGNAL 2



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

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

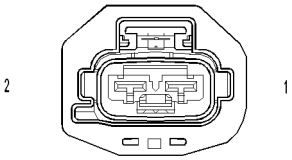
CAV	CIRCUIT	FUNCTION
1	K34 18DB/LG	EGR SIGNAL
2	F856 20YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG	SENSOR GROUND
4	Z335 18BK/WT	GROUND
5	-	-
6	K35 18DB/VT	EGR SOL CONTROL



ASSEMBLY-NATURAL VACUUM LEAK DETECTION (NGC)

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

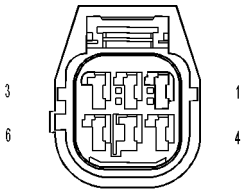
CAV	CIRCUIT	FUNCTION
1	Z910 18BK	GROUND
2	K107 18VT/WT	NVLD SWITCH SIGNAL
3	K106 18VT/LB	NVLD SOL CONTROL



ASSEMBLY-SHIFT MOTOR/MODE SENSOR C1 (ETC)

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

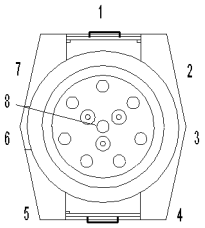
CAV	CIRCUIT	FUNCTION
1	T316 16YL/GY	SHIFT MOTOR CONTROL B
2	T315 16YL/BR	SHIFT MOTOR CONTROL A



ASSEMBLY-SHIFT MOTOR/MODE SENSOR C2 (ETC)

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

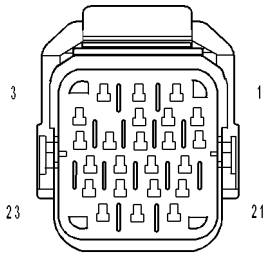
CAV	CIRCUIT	FUNCTION
1	D200 20WT/LG	MODE SENSOR D
2	T313 20YL/LG	5 VOLT MODE SENSOR SUPPLY
3	D202 20WT/VT	MODE SENSOR B
4	T885 20YL/GY	MODE SENSOR GROUND
5	D201 20WT/DG	MODE SENSOR A
6	D203 20WT/BR	MODE SENSOR C



ASSEMBLY-TRANSMISSION SOLENOID (RE)

ASSEMBLY-TRANSMISSION SOLENOID (RE) - 8 WAY

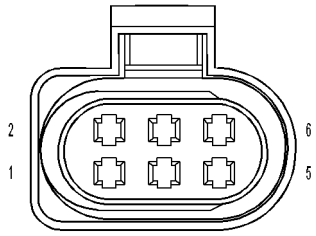
CAV	CIRCUIT	FUNCTION
1	T16 18YL/OR	TRANSMISSION CONTROL RELAY OUTPUT
2	F856 18YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG (DIESEL)	SENSOR GROUND
3	K900 18DB/DG (SRT)	SENSOR GROUND
4	T38 18YL/BR	GOVERNOR PRESSURE SENSOR SIGNAL
5	T118 18DG	GOVERNOR PRESSURE SOLENOID CONTROL
6	T9 18DG/TN	3-4 SOLENOID CONTROL
7	T75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



ASSEMBLY-TRANSMISSION SOLENOID/TRS (RFE)

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

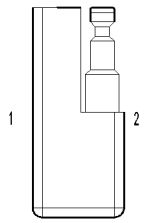
CAV	CIRCUIT	FUNCTION
1	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T20 18DG/WT	L/R SOLENOID CONTROL
3	-	-
4	T41 20YL/DB	TRS T41 SENSE
5	T42 18DG/YL	TRS T42 SENSE
6	L1 18WT/LG	BACKUP LAMP FEED
7	T60 18YL/GY	OD SOLENOID CONTROL
8	T3 18DG/DB	TRS T3 SENSE
9	T1 18DG/LB	TRS T1 SENSE
10	T16 18YL/OR	TRANSMISSION 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

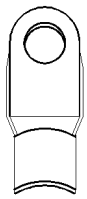
CAV	CIRCUIT	FUNCTION
1	K312 18OR	TTVA POSITION SENSOR SIGNAL
2	F856 18YL/PK	5 VOLT SUPPLY
3	K314 18TN/YL	TTVA MOTOR (+)
4	-	-
5	K315 18TN/OR	TTVA MOTOR (-)
6	K900 18DB/DG	SENSOR GROUND



ASSEMBLY-
WINCH

ASSEMBLY-WINCH - 2 WAY

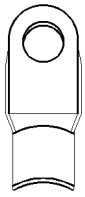
CAV	CIRCUIT	FUNCTION
1	18OR	B(+)
2	18BK	GROUND



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

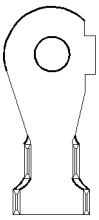
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND



BACKLITE-HEATED (POWER)

BACKLITE-HEATED (POWER) - 1 WAY

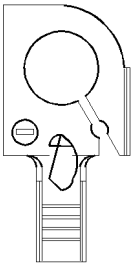
CAV	CIRCUIT	FUNCTION
1	C15 16DB/WT (EXCEPT SAB)	REAR WINDOW DEFOGGER RELAY OUTPUT
1	C15 16BK (SAB)	REAR WINDOW DEFOGGER RELAY OUTPUT



BATTERY-NEGATIVE (3.7L/4.7L)

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

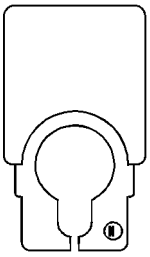
CAV	CIRCUIT	FUNCTION
1	Z3 6BK	GROUND
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND



BATTERY-NEGATIVE (3.7L/4.7L)

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

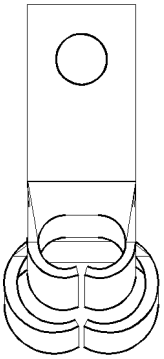
CAV	CIRCUIT	FUNCTION



BATTERY-NEGATIVE (5.7L OFF ROAD)

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

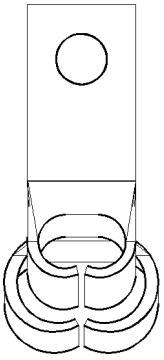
CAV	CIRCUIT	FUNCTION
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND
1	Z3 6BK	GROUND



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

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

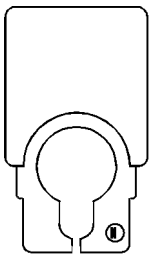
CAV	CIRCUIT	FUNCTION
1	Z2 6BK	GROUND
1	Z1 6BK	GROUND
1	Z3 6BK	GROUND



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

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

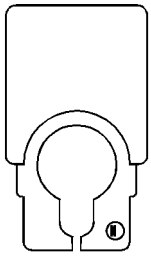
CAV	CIRCUIT	FUNCTION



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

BATTERY-NEGATIVE (DIESEL LEFT BATTERY) - 1 WAY

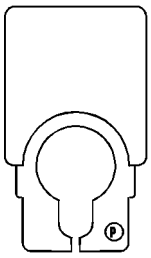
CAV	CIRCUIT	FUNCTION
1	Z1 10BK	GROUND
1	Z2 0BK	GROUND
1	Z3 8BK	GROUND



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

BATTERY-NEGATIVE (DIESEL RIGHT BATTERY) - 1 WAY

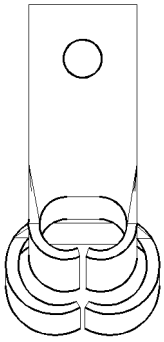
CAV	CIRCUIT	FUNCTION
1	Z0 8BK	GROUND
2	Z0 0BK	GROUND



BATTERY-POSITIVE (3.7L/4.7L)

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

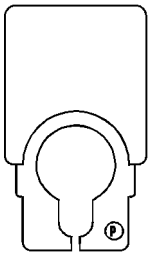
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



BATTERY POSITIVE (5.7L EXCEPT OFF ROAD/SRT)

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

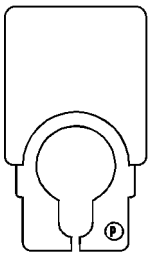
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



BATTERY-POSITIVE (5.7L OFF ROAD)

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

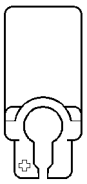
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)



BATTERY-POSITIVE (5.7L OFF ROAD)

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

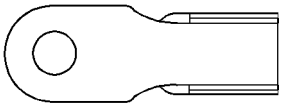
CAV	CIRCUIT	FUNCTION



BATTERY-POSITIVE (DIESEL LEFT BATTERY)

BATTERY-POSITIVE (DIESEL LEFT BATTERY) - 1 WAY

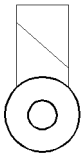
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 0RD	B(+)



BATTERY-POSITIVE (DIESEL RIGHT BATTERY)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

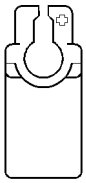
CAV	CIRCUIT	FUNCTION
1	A1 0E1RD	B(+)
1	A11 8LB	B(+)
1	A1 0E1RD	B(+)



BATTERY-POSITIVE (DIESEL RIGHT BATTERY)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

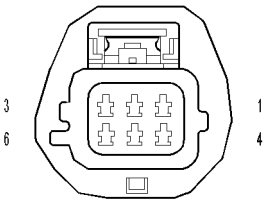
CAV	CIRCUIT	FUNCTION



BATTERY-POSITIVE (DIESEL RIGHT BATTERY)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

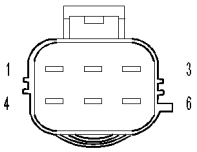
CAV	CIRCUIT	FUNCTION



C102 (5.7L OFF ROAD)

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

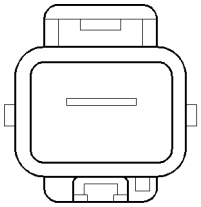
CAV	CIRCUIT
1	T750 14YL/GY
2	T520 16YL/OR
3	T524 16YL/LG
4	-
5	T521 18YL/GY
6	T522 18YL/LB



C102
(5.7L OFF ROAD)

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

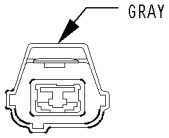
CAV	CIRCUIT
1	T750 14YL/GY
2	T520 16YL/OR
3	T524 16YL/LG
4	-
5	T521 20YL/GY
6	T522 20YL/LB



C102
(EXCEPT 5.7L OFF ROAD)

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

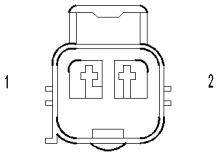
CAV	CIRCUIT
1	T750 14YL/GY (EXCEPT SRT)
1	T40 12YL/GY (SRT)



C102
(EXCEPT 5.7L OFF ROAD)

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

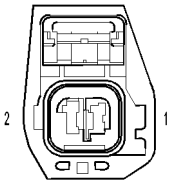
CAV	CIRCUIT
1	T750 14YL/GY (EXCEPT SRT)
1	T40 12RD/BK (SRT)



C103
(SRT)

C103 (SRT) - (UNDERHOOD SIDE)

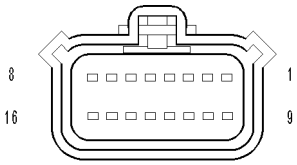
CAV	CIRCUIT
1	Z470 20BK/LB
2	A114 18GY/RD



C103

C103 - (HEADLAMP AND DASH SIDE)

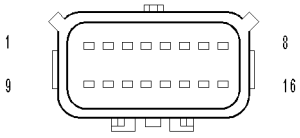
CAV	CIRCUIT
1	Z470 20BK/LB
2	A114 18GY/RD



C106
(5.7L)

C106 (5.7L) - (ENGINE SIDE)

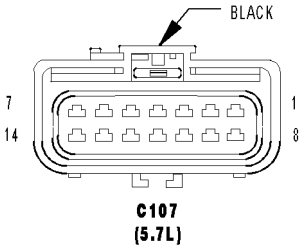
CAV	CIRCUIT
1	K11 18BR/YL
2	K12 18BR/DB
3	K13 18BR/LB
4	K14 18BR/TN
5	K38 18BR/OR
6	K58 18BR/VT
7	K26 18BR/YL
8	K28 18BR/LB
9	K19 18DB/DG
10	K17 18DB/TN
11	K18 18DB/OR
12	K15 18DB/GY
13	K16 18DB/YL
14	K10 18DB/OR
15	K97 18BR
16	K98 18DB/YL



C106
(5.7L)

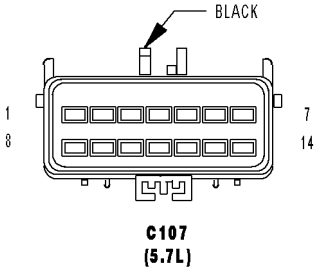
C106 (5.7L) - (INTAKE AIR FUEL MODULE SIDE)

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



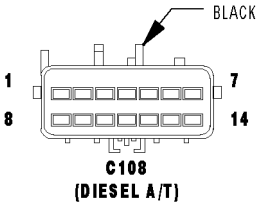
C107 (5.7L) - BLACK (ENGINE SIDE)

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



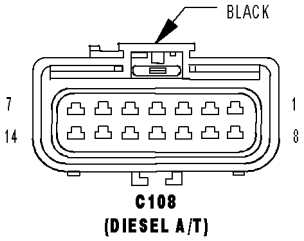
C107 (5.7L) - BLACK (INTAKE AIR FUEL MODULE SIDE)

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



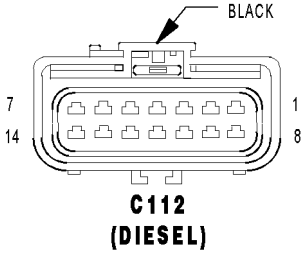
C108 (DIESEL A/T) - BLACK (ENGINE SIDE)

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	-



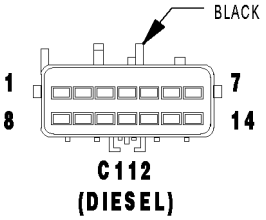
C108 (DIESEL A/T) - BLACK (TRANSMISSION SIDE)

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	-



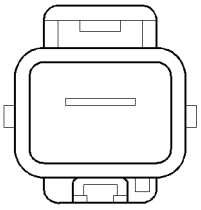
C112 (DIESEL) - BLACK (ENGINE SIDE)

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)

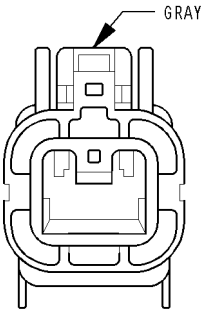
CAV	CIRCUIT
1	C3 18DB/BK
2	A961 14RD
3	K615 18VT/WT
4	K616 18BR/YL
5	K167 18BR/YL
6	K23 18BR/WT
7	K852 18BR/VT
8	K29 18WT/BR
9	K314 18TN/YL (A/T)
10	K315 18TN/OR (A/T)
11	K312 18OR (A/T)
12	K160 18BR/OR
13	K161 18BR/LB
14	F504 18GY/PK



C114
(DIESEL)

C114 (DIESEL) - (ENGINE SIDE)

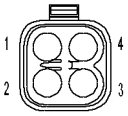
CAV	CIRCUIT
1	A209 10RD



C114
(DIESEL)

C114 (DIESEL) - GRAY (BATTERY SIDE)

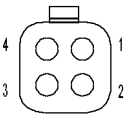
CAV	CIRCUIT
1	A209 10RD



C115
(DIESEL)

C115 (DIESEL) - (ENGINE SIDE)

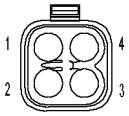
CAV	CIRCUIT
1	K227 14BR/LG
2	K12 14BR/DB
3	K227 14BR/LG
4	K11 14WT/DB



C115
(DIESEL)

C115 (DIESEL) - (INJECTOR SIDE)

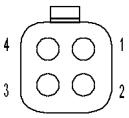
CAV	CIRCUIT
1	K227 14BK
2	K12 14BK
3	K227 14BK
4	K11 14BK



C116
(DIESEL)

C116 (DIESEL) - (ENGINE SIDE)

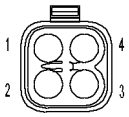
CAV	CIRCUIT
1	K229 14TN/PK
2	K14 14BR/TN
3	K227 14BR/LG
4	K13 14TN



C116
(DIESEL)

C116 (DIESEL) - (INJECTOR SIDE)

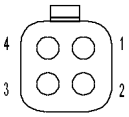
CAV	CIRCUIT
1	K229 14BK
2	K14 14BK
3	K227 14BK
4	K13 14BK



C117
(DIESEL)

C117 (DIESEL) - (ENGINE SIDE)

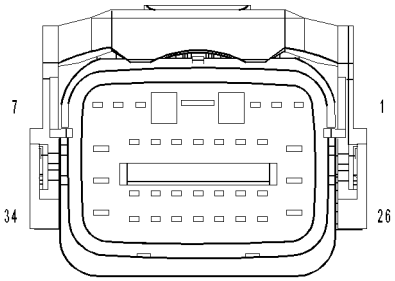
CAV	CIRCUIT
1	K229 14TN/PK
2	K58 14BR/VT
3	K229 14TN/PK
4	K38 14GY



C117
(DIESEL)

C117 (DIESEL) - (INJECTOR SIDE)

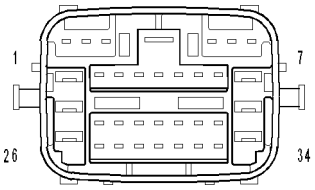
CAV	CIRCUIT
1	K229 14BK
2	K58 14BK
3	K229 14BK
4	K38 14BK



C130
(DIESEL)

C130 (DIESEL) - (HEADLAMP AND DASH SIDE)

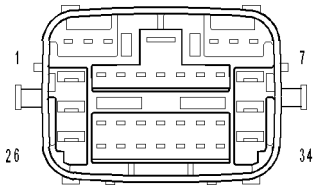
CAV	CIRCUIT
1	C3 20DB/YL
2	V37 20VT
3	V32 20VT/YL
4	A961 14RD
5	K900 20DB/DG
6	K29 20WT/BR
7	K854 20VT/BR
8	-
9	K400 20BR/VT
10	K25 18DB/VT
11	D20 20WT/LG
12	D21 20WT/BR
13	F202 20PK/GY
14	B22 18DG/YL
15	F504 20GY/PK
16	-
17	-
18	B29 20DG/WT
19	N4 20DB/WT
20	K174 18BR/YL
21	C13 20LB/OR
22	D25 20WT/VT
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)

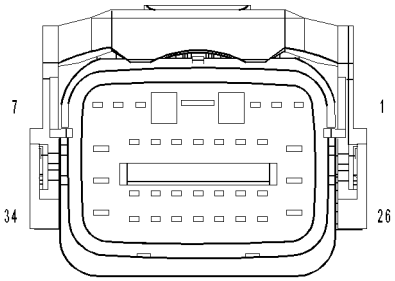
CAV	CIRCUIT
1	C3 18DB/YL
2	V37 18VT
3	V32 18VT/YL
4	A961 14RD
5	K900 18DB/DG
6	K29 18WT/BR
7	K854 18VT/OR
8	-
9	K400 18BR/VT
10	K25 18DB/VT
11	D20 18WT/LG
12	D21 18WT/BR
13	F202 18PK/GY
14	B22 18DG/YL
15	F504 18GY/PK
16	-
17	-
18	B29 18DG/WT
19	N4 18DB/WT
20	K174 18BR/YL
21	C13 18LB/OR
22	D25 18WT/VT
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)

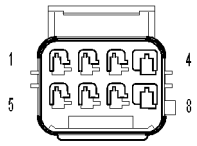
CAV	CIRCUIT
1	D15 18WT/DG (NGC EXCEPT 3.7L/4.7L M/T/SRT A/T)
1	A917 18RD (SRT M/T)
2	D16 18WT/OR (NGC EXCEPT 3.7L/4.7L M/T)
2	K242 18BR/WT (SRT)
3	K66 18DB/WT (5.7L)
4	K342 16BR/WT
5	G31 18VT/LG (NGC)
5	G127 20VT/DB (SRT)
6	K106 18VT/LB
7	K107 18VT/WT
8	L1 18WT/LG
9	T41 20YL/DB (NGC A/T)
9	T41 18YL/DB (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)

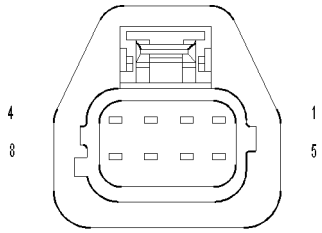
CAV	CIRCUIT
1	D15 18WT/DG (NGC)
1	A917 20RD (SRT)
2	D16 18WT/OR (NGC)
2	K242 18BR/WT (SRT)
3	K66 18DB/WT (5.7L)
4	K342 16BR/WT
5	G31 20VT/LG (NGC)
6	K106 18VT/LB
7	K107 18VT/WT
8	L1 18WT/LG
9	T41 20YL/DB (NGC)
9	T41 18YL/DB (SRT)
10	L10 18WT/GY
11	A919 20RD (NGC)
11	A919 16RD (SRT)
12	C3 20DB/YL (NGC)
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)

C131 (5.7L ETC) - (ENGINE SIDE)

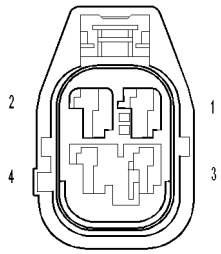
CAV	CIRCUIT
1	T316 16YL/GY
2	D200 20WT/LG
3	T313 20YL/LG
4	D202 20WT/VT
5	T315 16YL/BR
6	D201 20WT/DG
7	T885 20YL/GY
8	D203 20WT/BR



C131
(5.7L ETC)

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

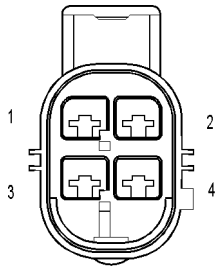
CAV	CIRCUIT
1	T316 16YL/GY
2	D200 20WT/LG
3	T313 20YL/LG
4	D202 20WT/VT
5	T315 16YL/BR
6	D201 20WT/DG
7	T885 20YL/GY
8	D203 20WT/BR



C132
(DIESEL M/T MTC)

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

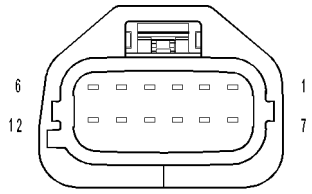
CAV	CIRCUIT
1	K77 18 BR/WT
2	L1 18 WT/LG
3	L10 18 WT/GY
4	Z901 18 BK



C132
(DIESEL M/T MTC)

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

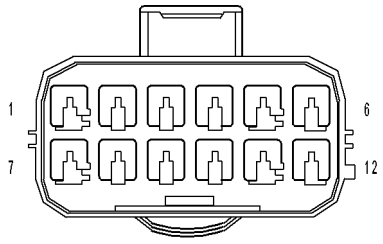
CAV	CIRCUIT
1	K77 18BR/WT
2	L1 18WT/LG
3	L10 18WT/GY
4	Z901 18BK



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

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

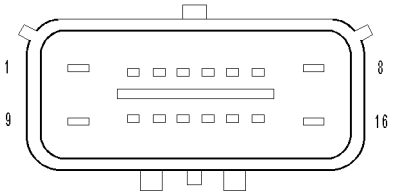
CAV	CIRCUIT
1	L10 18WT/GY
2	Z901 18BK (A/T)
2	T315 16YL/BR (M/T)
3	K900 18DB/DG (A/T)
4	T117 20DG/YL (A/T)
4	T313 20YL/LG (M/T)
5	T41 20YL/DB (A/T)
5	T885 20YL/GY (M/T)
6	D203 20WT/BR (M/T)
7	K77 18BR/WT (A/T)
7	T316 16YL/GY (M/T)
8	L1 18WT/LG
9	-
10	T917 20YL/TN (A/T)
10	D200 20WT/LG (M/T)
11	D201 20WT/DG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

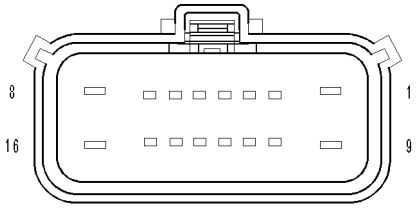
CAV	CIRCUIT
1	L10 18WT/GY
2	Z901 18BK (A/T)
2	T315 16YL/BR (M/T)
3	K900 20DB/DG (A/T)
4	T117 20DG/YL (A/T)
4	T313 20YL/LG (M/T)
5	T41 20YL/DB (A/T)
5	T885 20YL/GY (M/T)
6	D203 20WT/BR (M/T)
7	K77 18BR/WT (A/T)
7	T316 16YL/GY (M/T)
8	L1 18WT/LG (A/T)
9	-
10	T917 20YL/TN (A/T)
10	D200 20WT/LG (M/T)
11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

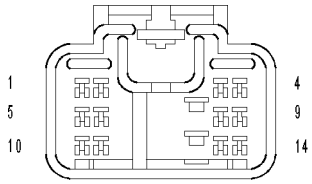
CAV	CIRCUIT
1	-
2	L1 18WT/LG
3	K900 18DB/DG
4	T41 20YL/DB
5	T16 18YL/OR
6	T117 20DG/YL
7	T917 20YL/TN
8	L10 18WT/GY
9	T315 16YL/BR
10	D200 20WT/LG
11	D201 20WT/DG
12	D202 20WT/VT
13	D203 20WT/BR
14	T313 20YL/LG
15	T885 20YL/GY
16	T316 16YL/GY



C132
(DIESEL A/T ETC)

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

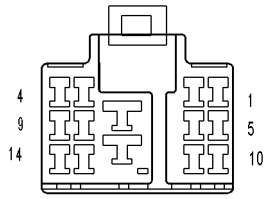
CAV	CIRCUIT
1	-
2	L1 18WT/LG
3	K900 20DB/DG
4	T41 20YL/DB
5	T16 18YL/OR
6	T117 20DG/YL
7	T917 20YL/TN
8	L10 18WT/GY
9	T315 16YL/BR
10	D200 20WT/LG
11	D201 20WT/DG
12	D202 20WT/VT
13	D203 20WT/BR
14	T313 20YL/LG
15	T885 20YL/GY
16	T316 16YL/GY



C133

C133 - (HEADLAMP AND DASH SIDE)

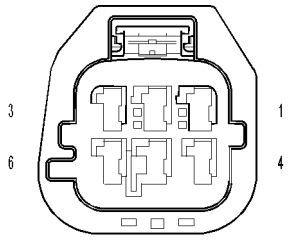
CAV	CIRCUIT
1	A34 16RD/WT
2	E11 20OR/DB
3	F21 20PK/DG
4	T315 16YL/BR
5	D25 20VT/DB
6	T885 20YL/GY
7	D200 20WT/LG
8	T316 16YL/GY
9	D202 20WT/VT
10	D201 20WT/DG
11	T41 20YL/DB
12	T313 20YL/LG
13	D203 20WT/BR
14	Z905 16BK



C133

C133 - (TRANSFER CASE CONTROL MODULE SIDE)

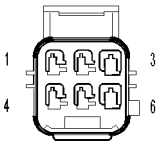
CAV	CIRCUIT
1	A34 16RD/WT
2	E11 20OR/DB
3	F21 20PK/DG
4	T315 16YL/BR
5	D25 20VT/DB
6	T885 20YL/GY
7	D200 20WT/LG
8	T316 16YL/GY
9	D202 20WT/VT
10	D201 20WT/DG
11	T41 20YL/DB
12	T313 20YL/LG
13	D203 20WT/BR
14	Z905 16BK



C134
(5.7L OFF ROAD)

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

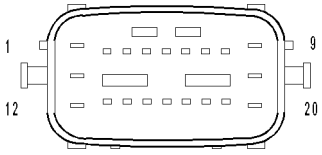
CAV	CIRCUIT
1	T526 16YL/WT
2	T521 20YL/GY
3	T527 20YL/TN
4	T528 16YL/GY
5	-
6	-



C134
(POWER WAGON)

C134 (POWER WAGON) - (CHASSIS SIDE)

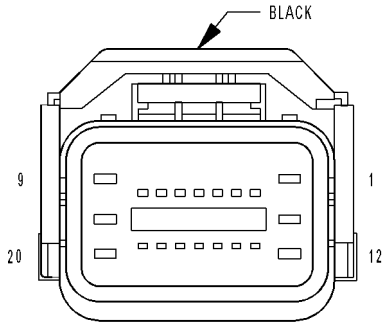
CAV	CIRCUIT
1	T526 16YL/WT
2	T521 18YL/GY
3	T527 18YL/TN
4	T528 16YL/GY
5	-
6	-



C135

C135 - (HEADLAMP AND DASH SIDE)

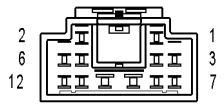
CAV	CIRCUIT
1	A109 16OR/RD
2	L673 18YL
3	L674 18LG
4	K900 20DB/DG
5	N4 20DB/WT (EXCEPT SRT)
5	N4 18DB/WT (SRT)
6	L7 18WT/YL
7	L62 18WT/YL
8	L63 18WT/DG
9	L678 18BR (EXCEPT SRT)
9	L678 16BR (SRT)
10	Z927 14BK/OR
11	B40 14DG (TRAILER TOW)
12	A100 14RD/VT (TRAILER TOW)
13	L1 18WT/LG
14	L50 18WT/TN
15	B3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

C135 - BLACK (CHASSIS SIDE)

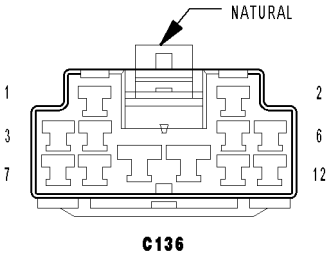
CAV	CIRCUIT
1	A109 14OR/RD
2	L673 18YL
3	L674 18LG
4	K900 18DB/DG
5	N4 18DB/WT
6	L7 18WT/YL
7	L62 18WT/YL
8	L63 18WT/DG
9	L678 18BR
10	Z927 12BK/OR
11	B40 14DG (TRAILER TOW)
12	A100 14RD/VT (TRAILER TOW)
13	L1 18WT/LG
14	L50 18WT/TN
15	B3 18DG/YL
16	B4 18DG/GY
17	L70 18WT/GY
18	L53 18DG/WT (EXCEPT BOX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



C136

C136 - (BODY SIDE)

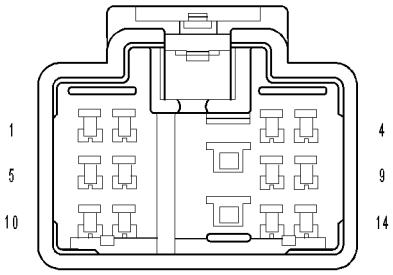
CAV	CIRCUIT
1	-
2	A405 18RD/DB
3	C16 16DB/GY (EXCEPT BASE)
4	A930 18RD (EXCEPT BASE)
5	-
6	-
7	-
8	-
9	A210 12OR/RD (EXCEPT BASE)
10	F30 12PK/YL (SRT)
11	A916 16RD (SRT)
12	C15 16BK (EXCEPT BASE/STANDARD CAB SRT)



C136

C136 - NATURAL (HEADLAMP AND DASH SIDE)

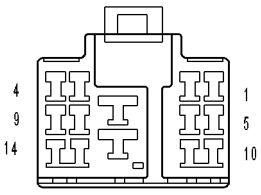
CAV	CIRCUIT
1	-
2	A405 18RD/DB
3	C16 16DB/GY (EXCEPT 3.7L/4.7L BASE)
4	A930 18RD (EXCEPT 3.7L/4.7L BASE)
5	-
6	-
7	-
8	-
9	A210 12OR/RD (EXCEPT 3.7L/4.7L BASE/SRT)
9	A210 10OR/RD (SRT)
10	F30 12PK/YL (SRT)
11	A916 16RD (SRT)
12	C15 16DB/WT (EXCEPT 3.7L/4.7L BASE)



C137
(SMART BAR)

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

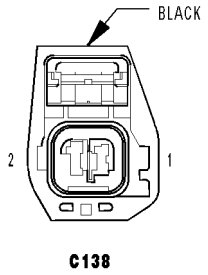
CAV	CIRCUIT
1	T529 20YL/LG
2	T530 20YL/DG
3	T531 20YL/TN
4	T532 20YL/GY
5	T533 20YL/LB
6	T534 20YL
7	-
8	T536 20YL/WT
9	T537 20YL/LG
10	T535 20YL/BR
11	-
12	-
13	E11 20OR/DB
14	Z952 20BK



C137
(SMART BAR)

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

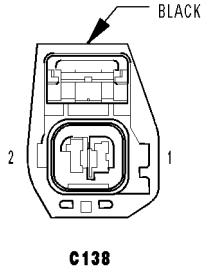
CAV	CIRCUIT
1	T529 20YL/LG
2	T530 20YL/DG
3	T531 20YL/TN
4	T532 20YL/GY
5	T533 20YL/LB
6	T534 20YL
7	-
8	T536C 20YL/WT
9	T537 20YL/LG
10	T535 20YL/BR
11	-
12	-
13	E11C 20OR/DB
14	Z952C 20BK



C138

C138 - BLACK (FRONT FASCIA SIDE)

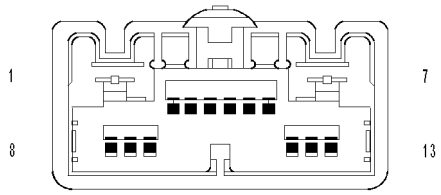
CAV	CIRCUIT
1	L89 18WT/YL
2	Z926 18BK



C138

C138 - BLACK (HEADLAMP AND DASH SIDE)

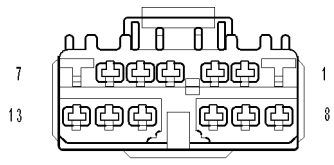
CAV	CIRCUIT
1	L89 18WT/YL
2	Z926 18BK



C200

C200 - (HVAC SIDE)

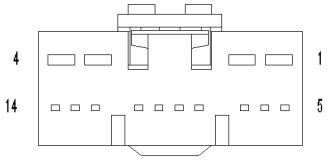
CAV	CIRCUIT
1	C70 10DB/YL
2	C34 20DB/LB
3	C71 16DB/BR
4	C32 20DB/TN
5	C73 14DB/VT
6	C72 16DB/OR
7	C7 10DB
8	C29 20DB
9	C21 20DB/LG (EXCEPT BASE A/C)
10	C121 20DB/DG
11	C33 20LB/BR
12	C61 20DB/LG
12	C33 20LB/BR (DUAL ZONE)
13	C801 20DB/OR



C200

C200 - (I/P SIDE)

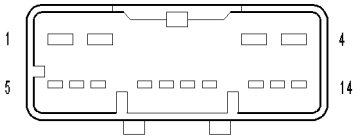
CAV	CIRCUIT
1	C70 10DB/YL
2	C34 20DB/LB
3	C71 16DB/BR
4	C32 20DB/TN
5	C73 14DB/VT
6	C72 16DB/OR
7	C7 10DB
8	C29 20DB
9	C21 20DB/LG
10	C121 20DB/DG
11	C61 20DB/LG
12	C33 20LB/BR (EXCEPT BASE)
13	C801 20DB/OR



C201

C201 - (HEADLINER SIDE)

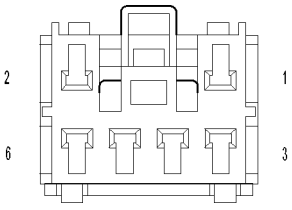
CAV	CIRCUIT
1	A310 14RD/LB (SUNROOF)
2	Z13 20BK/WT (EXCEPT BASE)
3	L50 20WT/TN
4	Z964 20BK (EXCEPT SUNROOF)
4	Z964 14BK (SUNROOF)
5	A919 20RD (EXCEPT BASE)
6	F21 20PK/DG (EXCEPT BASE)
7	L14 20WT/BR (EXCEPT SUNROOF)
7	L14 20WT/TN (SUNROOF)
8	F983 20PK/YL (SUNROOF)
9	M20 20YL/LB
10	D25 20WT/VT (EXCEPT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



C201

C201 - (I/P SIDE)

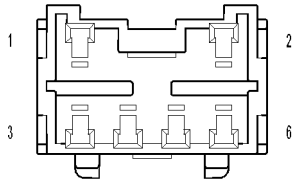
CAV	CIRCUIT
1	A310 14RD/LB (EXCEPT BASE)
2	Z13 18BK/WT
3	L50 18WT/TN
4	Z964 14BK (EXCEPT BASE)
5	A919 20RD (EXCEPT BASE)
6	F21 20PK/DG
7	L14 20WT/TN
8	F983 20PK/YL (EXCEPT BASE)
9	M20 20YL/LB
10	D25 20WT/VT (EXCEPT BASE)
11	-
12	M288 18YL/GY
13	-
14	-



C206
(EXCEPT HANDS FREE)

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

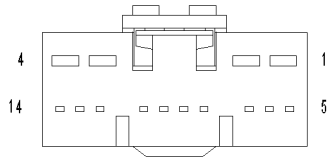
CAV	CIRCUIT
1	L70 20WT/GY (EXCEPT SRT)
2	Z946 20BK (EXCEPT SRT)
3	F21 20PK/DG (ELECTROCHROMATIC MIRROR)
4	Z944 20BK (ELECTROCHROMATIC MIRROR)
5	L1 20WT/LG (ELECTROCHROMATIC MIRROR)
6	-



C206
(EXCEPT HANDS FREE)

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

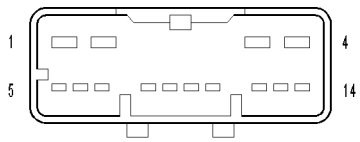
CAV	CIRCUIT
1	L70 18WT/GY (EXCEPT SRT)
2	Z946 18BK
3	F21 20PK/DG
4	Z944 20BK
5	L1 20WT/LG (EXCEPT SRT)
5	L1 18WT/LG (SRT)
6	-



C206
(HANDS FREE)

C206 (HANDS FREE) - (CLEARANCE LAMPS SIDE)

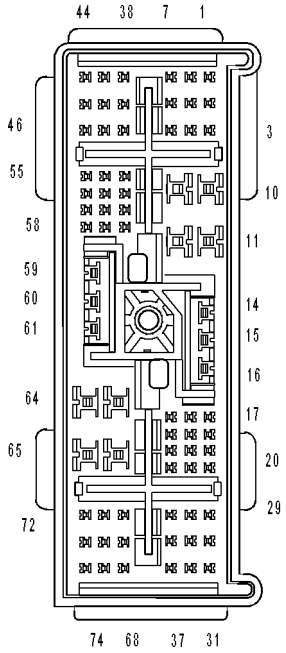
CAV	CIRCUIT
1	L70 20WT/GY (CLEARANCE LAMPS)
2	Z946 20BK (CLEARANCE LAMPS)
3	F21 20PK/DG
4	Z944 20BK
5	L1 20WT/LG
6	X712 20DG/LB
7	X792 20LB/DG
8	X835 20OR/GY
9	X730 20GY/YL
10	X793 20DG/YL
11	X722 20LB/DG
12	-
13	-
14	-



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	-



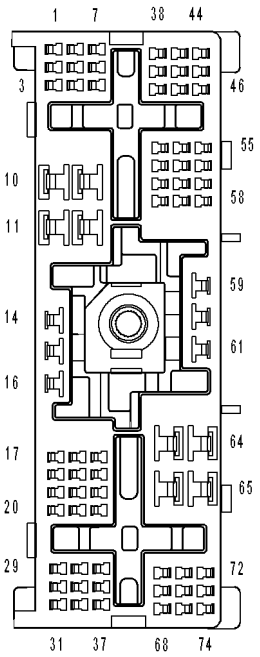
C219

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	-



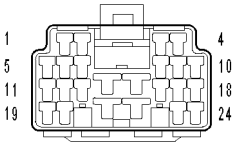
C219

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 20OR/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)

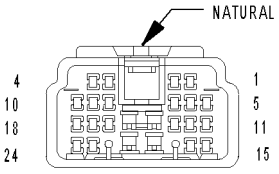
CAV	CIRCUIT
43	A72 18RD/OR (EXCEPT 3.7L/4.7L BASE/SRT)
44	D16 18WT/OR (EXCEPT DIESEL/EXCEPT SRT)
45	-
46	K77 18BR/WT (MTC)
47	T117 20DG/YL (DIESEL A/T/SRT)
48	A205 18RD/OR (EXCEPT SRT)
48	A205 16RD/OR (SRT)
49	A116 18YL/RD (EXCEPT 3.7L/4.7L BASE/SRT)
49	A116 16YL/RD (SRT)
50	-
51	-
52	-
53	-
54	-
55	-
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)

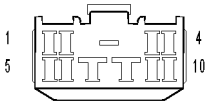
CAV	CIRCUIT
1	F983 20PK/YL
2	X295 18GY/DG
3	-
4	X153 18DG/YL
5	G75 20VT
6	G77 20VT/GY
7	X155 18DG/LB
8	G10 20VT/LG
9	G163 20VT/LB (EXCEPT BASE)
10	X205 18GY/LG
11	P5 18TN/OR (EXCEPT BASE)
12	F100 20PK/VT
13	F201 20PK/OR
14	-
15	-
16	-
17	P393 18LG (EXCEPT BASE)
18	G161 20VT/DG (EXCEPT BASE)
19	-
20	P1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



C220

C220 - NATURAL (BODY SIDE)

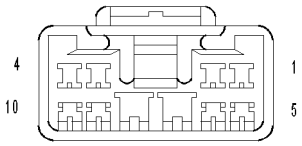
CAV	CIRCUIT
1	F983 20PK/YL (STANDARD CAB/QUAD CAB SRT)
2	X295 18GY/DG
3	X16 18DG/YL (SRT)
4	X153 18DG/YL
5	G75 20VT
6	G77 20VT/OR (QUAD CAB)
7	X155 18DG/LB
8	G10 20VT/LG
9	G163 20VT/LB (EXCEPT BASE)
10	X205 18GY/LG
11	P5 18TN/OR (QUAD CAB)
12	F100 18PK/VT (EXCEPT SRT QUAD CAB)
12	F100 20PK/VT (SRT QUAD 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)

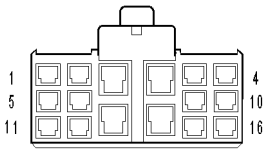
CAV	CIRCUIT
1	G74 20VT/WT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 18TN/GY (EXCEPT BASE)
4	X154 18GY/YL
5	X156 18GY/LB
6	P74 18TN/OR (EXCEPT BASE)
7	Q15 12OR/LB (EXCEPT BASE)
8	-
9	-
10	Z74 20BK/WT



C301

C301 - (PASSENGER DOOR SIDE)

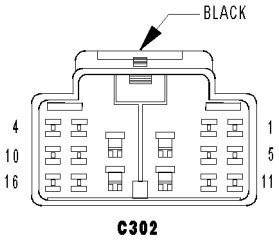
CAV	CIRCUIT
1	G74 20VT/WT
2	P195 18LG/YL
3	P72 18TN/GY
4	X154 18GY/YL
5	X156 18GY/LB
6	P74 18TN/OR
7	Q15 14OR/LB
8	-
9	-
10	Z461 20BK/DG



C302

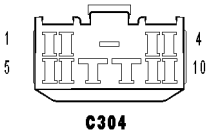
C302 - (BODY SIDE)

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	-



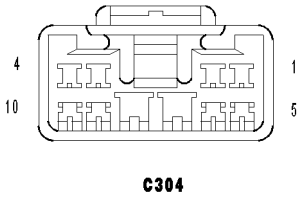
C302 - BLACK (PASSENGER DOOR SIDE)

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	-



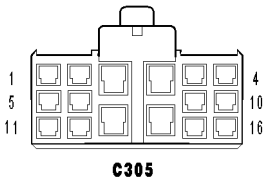
C304 - (BODY SIDE)

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



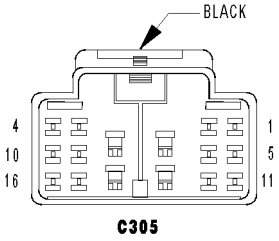
C304 - (DRIVER DOOR SIDE)

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)



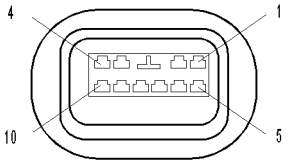
C305 - (BODY SIDE)

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)

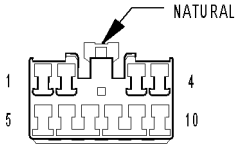
CAV	CIRCUIT
1	C16 18DB/GY
2	Q16 14OR/TN
3	Q26 14OR/GY
4	P393 18LG
5	-
6	P1 18TN/LG
7	Z461 14BK/DG
8	Q612 14OR/DB
9	-
10	G161 20VT/DG
11	G163 20VT/LB (SRT)
12	Q412 14OR/LB
13	Q611 14OR/GY
14	Q411 14OR/WT
15	-
16	-



C306
(QUAD CAB)

C306 (QUAD CAB) - (REAR DOOR SIDE)

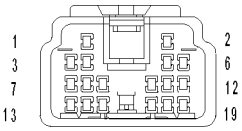
CAV	CIRCUIT
1	Z79 20LG/BK
2	G77 20VT/GY
3	P393 18LG (EXCEPT BASE)
4	P5 18TN/OR (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q411 14OR/WT (EXCEPT BASE)
7	Q611 14OR/GY (EXCEPT BASE)
8	X295 18GY/DG
9	X205 18GY/LG
10	-



C306
(QUAD CAB)

C306 (QUAD CAB) - NATURAL (BODY SIDE)

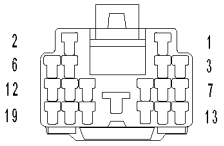
CAV	CIRCUIT
1	Z79 20LG/BK
2	G77 20VT/OR
3	P393 18LG (EXCEPT BASE)
4	P5 18TN/OR (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q411 14OR/WT (EXCEPT BASE)
7	Q611 14OR/GY (EXCEPT BASE)
8	X295 18GY/DG
9	X205 18GY/LG
10	-



C308

C308 - (BODY SIDE)

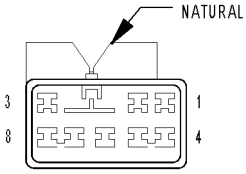
CAV	CIRCUIT
1	G74 20VT/WT
2	G162 20VT/LB (DRL)
2	Z966 18BK (SATELLITE RADIO)
3	D112 18WT/OR (SATELLITE RADIO)
4	X154 18GY/YL
5	G160 20VT/LG (EXCEPT BASE)
6	G76 20TN/YL (QUAD CAB)
7	D25 20WT/VT (SATELLITE RADIO)
8	P392 18LG/DB (EXCEPT BASE)
9	G778 18VT/LB (EXCEPT BASE)
10	F21 20PK/DG (EXCEPT BASE)
11	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

C308 - (I/P SIDE)

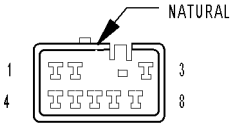
CAV	CIRCUIT
1	G74 20VT/WT
2	Z966 18BK (SATELLITE RADIO)
3	D112 18WT/OR (SATELLITE RADIO)
4	X154 18GY/YL
5	G160 20VT/LG
6	G76 20VT/YL
7	D25 20WT/VT (SATELLITE RADIO)
8	P392 18LG/DB (EXCEPT BASE)
9	G778 18VT/LB (EXCEPT BASE)
10	F21 20PK/DG (EXCEPT BASE)
11	X16 18DG/YL (SATELLITE RADIO)
12	X17 18DG/OR (SATELLITE 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)

C309 (EXCEPT BASE) - NATURAL (BODY SIDE)

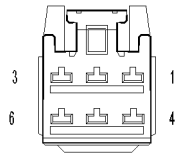
CAV	CIRCUIT
1	X30 16DG/TN (SRT)
2	P7 20LG/DG (EXCEPT SRT)
3	P81 20TN/LB (EXCEPT SRT)
3	X31 16GY/TN (SRT)
4	-
5	P84 20TN/VT (EXCEPT SRT)
6	P8 20LG/WT (EXCEPT SRT)
6	F984 16PK/YL (STANDARD CAB SRT)
7	P82 20TN/DG (EXCEPT SRT)
8	P83 20TN/WT (EXCEPT SRT)



C309
(EXCEPT BASE)

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

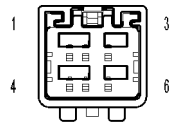
CAV	CIRCUIT
1	X30 16DG/TN (SRT)
2	P7 20LG/DG (EXCEPT SRT)
3	P81 20TN/LB (EXCEPT SRT)
3	X31 16GY/TN (SRT)
4	-
5	P84 20TN/VT (EXCEPT SRT)
6	P8 20LG/WT (EXCEPT SRT)
6	F984 16PK/YL (SRT)
7	P82 20TN/DG (EXCEPT SRT)
8	P83 20TN/WT (EXCEPT SRT)



C311
(EXCEPT HEATED SEATS)

C311 (EXCEPT HEATED SEATS) - (BODY SIDE)

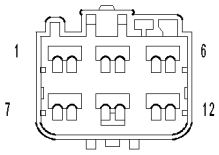
CAV	CIRCUIT
1	Z918 12BK (BASE)
1	Z939 12BK (SLT EXCEPT SATELLITE RADIO/STANDARD CAB SRT)
1	Z939 14BK (SLT SATELLITE RADIO/ QUAD CAB SRT)
2	A210 12OR/RD (EXCEPT BASE)
3	G10 20VT/LG (QUAD CAB/SRT)
3	G10 20LG/RD (STANDARD CAB EXCEPT SRT)
4	A405 18RD/DB
5	Z951 20BK (EXCEPT SRT)
5	Z951 18BK (SRT)
6	-



C311
(EXCEPT HEATED SEATS)

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

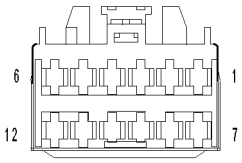
CAV	CIRCUIT
1	Z939 14BK
2	A210 12OR/RD
3	G10 20VT/LG
4	A405 12RD/DB
5	Z951 20BK
6	-



C313

C313 - (DRIVER SEAT SIDE)

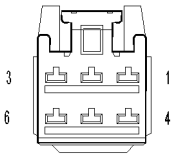
CAV	CIRCUIT
1	P105 12LG
2	P13 12LG/OR
3	P21 12LG/TN
4	P15 12LG/BR
5	P107 12LG/WT
6	P11 12LG/YL
7	A210 12OR/RD
8	Z939 14BK
9	P17 12LG/DG
10	P19 12LG/LB
11	-
12	-



C313

C313 - (DRIVER SEAT SWITCH SIDE)

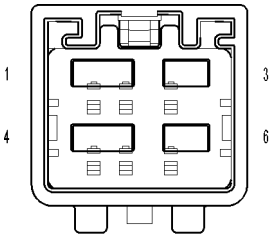
CAV	CIRCUIT
1	P105 12LG
2	P13 12LG/OR
3	P21 12LG/TN
4	P15 12LG/BR
5	P107 12LG/WT
6	P11 12LG/YL
7	A210 12OR/RD
8	Z939 14BK
9	P17 12LG/DG
10	P19 12LG/LB
11	-
12	-



C315

C315 - (DRIVER SEAT SIDE)

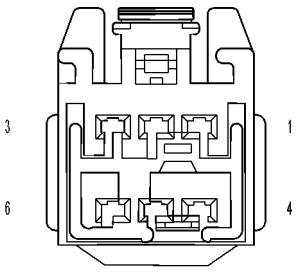
CAV	CIRCUIT
1	A405 12RD/DB
1	A405 16RD/DB (SRT)
2	P54 20OR/LG (HEATED SEATS)
3	A210 12OR/RD
4	Z939 14BK
5	P188 18LG/VT (HEATED SEATS)
6	P89 20LG/OR (HEATED SEATS)



C315

C315 - (JUMPER SIDE)

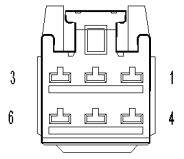
CAV	CIRCUIT
1	A405 12RD/DB
1	A405 16RD/DB (SRT)
2	P54 20OR/LG (HEATED SEATS)
3	A210 12OR/RD
4	Z939 14BK
5	P188 18LG/VT (HEATED SEATS)
6	P89 18LG/OR (HEATED SEATS)



C316
(HEATED SEATS)

C316 (HEATED SEATS) - (JUMPER SIDE)

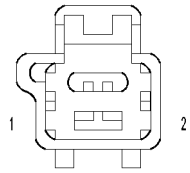
CAV	CIRCUIT
1	P89 20LG/OR
2	P54 20OR/LG
3	A210 12OR/RD
4	Z939 14BK
4	Z939 18BK (SRT)
5	P188 18LG/VT
6	-



C316

C316 - (PASSENGER SEAT SIDE)

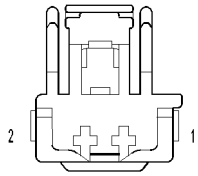
CAV	CIRCUIT
1	P89 20LG/OR
2	P54 20OR/LG
3	A210 12OR/RD
4	Z939 14BK
4	Z939 18BK (SRT)
5	P188 18LG/VT
6	-



C319

C319 - (CENTER CONSOLE SIDE)

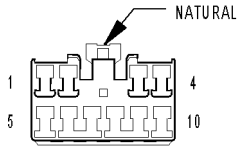
CAV	CIRCUIT
1	Z939 18BK
1	A405 18RD/DB (SRT)
2	A405 18RD/DB
2	Z939 18BK (SRT)



C319

C319 - (SEAT JUMPER SIDE)

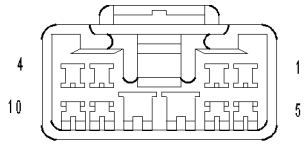
CAV	CIRCUIT
1	A405 12RD/DB (EXCEPT HEATED SEAT)
1	Z939 14BK (HEATED SEAT)
2	Z939 14BK (EXCEPT HEATED SEAT)
2	A405 12RD/DB (HEATED SEAT)



C320
(QUAD CAB)

C320 (QUAD CAB) - NATURAL (BODY SIDE)

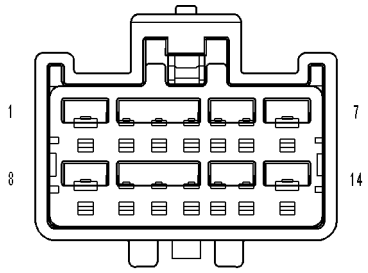
CAV	CIRCUIT
1	Z72 20LG/BK
2	G76 20TN/YL
3	P392 18LG/DB (EXCEPT BASE)
4	G778 18VT/LB (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q412 14OR/LB (EXCEPT BASE)
7	Q612 14OR/DB (EXCEPT BASE)
8	X296 18DG/GY
9	X206 18DG/LG
10	-



C320
(QUAD CAB)

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

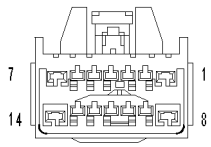
CAV	CIRCUIT
1	Z72 20LG/BK
2	G76 20VT/GY
3	P392 18LG (EXCEPT BASE)
4	G778 18TN/OR (EXCEPT BASE)
5	Q15 14TN/LG (EXCEPT BASE)
6	Q412 14OR/WT (EXCEPT BASE)
7	Q612 14OR/GY (EXCEPT BASE)
8	X296 18GY/DG
9	X206 18GY/LG
10	-



C322
(HEATED SEATS)

C322 (HEATED SEATS) - (DRIVER SEAT SIDE)

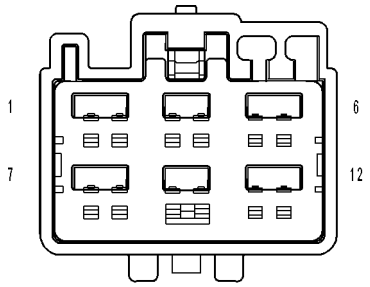
CAV	CIRCUIT
1	A930 18RD
1	A930 16RD (SRT)
2	P81 20TN/LB
3	P7 20LG/DG
4	G10 20VT/LG
5	P83 20TN/WT
6	P82 20TN/DG
7	Z939 14BK
7	Z939 14BK (SRT)
8	A210 12OR/RD
9	P8 20LG/WT
10	P84 20TN/VT
11	Z951 18BK (EXCEPT SATELLITE RADIO)
12	Z951 20BK (SATELLITE RADIO)
13	-
14	A405 12RD/DB
14	A405 16RD/DB (SRT)



C322
(HEATED SEATS)

C322 (HEATED SEATS) - (BODY SIDE)

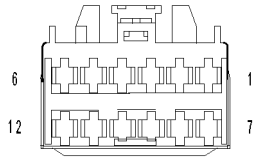
CAV	CIRCUIT
1	A930 18RD
2	P81 20TN/LB
3	P7 20LG/DG
4	G10 20VT/LG (SLT)
4	G10 20LG/RD (SLT+)
5	P83 20TN/WT
6	P82 20TN/DG
7	Z939 12BK (EXCEPT SATELLITE RADIO)
7	Z939 14BK (SATELLITE RADIO)
8	A210 12OR/RD
9	P8 20LG/WT
10	P84 20TN/VT
11	Z951 18BK (EXCEPT SATELLITE RADIO)
12	Z951 18BK (SATELLITE RADIO)
13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



C323
(EXCEPT HEATED SEATS)

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

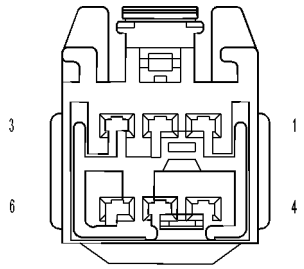
CAV	CIRCUIT
1	P18 12LG/DG
2	P14 12LG/OR
3	P10 12LG/TN
4	P12 12LG/YL
5	P16 12LG/BR
6	P20 12LG/LB
7	P104 12LG
8	P106 12LG/WT
9	A210 12OR/RD
10	Z939 14BK
11	-
12	-



C323
(EXCEPT HEATED SEATS)

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

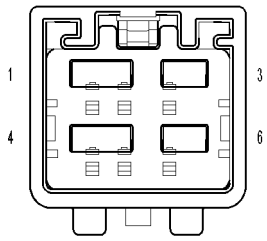
CAV	CIRCUIT
1	P18 12LG/DG
2	P14 12LG/OR
3	P10 12LG/TN
4	P12 12LG/YL
5	P16 12LG/BR
6	P20 12LG/LB
7	P104 12LG
8	P106 12LG/WT
9	A210 12OR/RD
10	Z939 14BK
11	-
12	-



C323
(HEATED SEATS)

C323 (HEATED SEATS) - (PASSENGER SEAT SIDE)

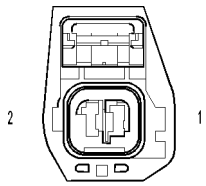
CAV	CIRCUIT
1	P104 12LG
2	P106 12LG/WT
3	A210 12OR/RD
4	Z939 14BK
5	-
6	-



C323
(HEATED SEATS)

C323 (HEATED SEATS) - (SEAT JUMPER SIDE)

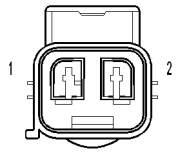
CAV	CIRCUIT
1	P104 12LG
2	P106 12LG/WT
3	A210 12OR/RD
4	Z939 14BK
5	-
6	-



C327
(DUAL REAR
WHEELS)

C327 (DUAL REAR WHEELS) - (CHASSIS SIDE)

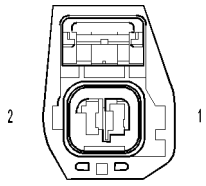
CAV	CIRCUIT
1	L7 18WT/YL
2	Z948 20BK



C327
(DUAL REAR WHEELS)

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

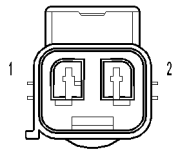
CAV	CIRCUIT
1	L7 18WT/YL
2	Z947 18BK



C328
(DUAL REAR
WHEELS)

C328 (DUAL REAR WHEELS) - (CHASSIS SIDE)

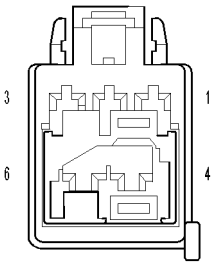
CAV	CIRCUIT
1	L70 18WT/GY
2	Z948 20BK



C328
(DUAL REAR WHEELS)

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

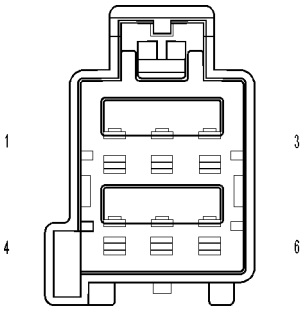
CAV	CIRCUIT
1	L70 18WT/YL
2	Z948 18BK



C331
(5.7L/DIESEL)

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

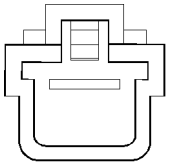
CAV	CIRCUIT
1	K29 20WT/BR
2	F856 20YL/PK
3	F855 20PK/YL
4	K400 20BR/VT
5	K23 20BR/WT
6	K167 20BR/YL



C331
(5.7L/DIESEL)

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

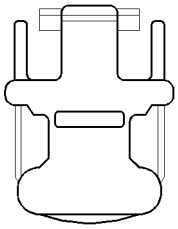
CAV	CIRCUIT
1	K29 20WT/BR
2	F856 20YL/PK (5.7L)
2	K854 20VT/BR (DIESEL)
3	F855 20PK/YL (5.7L)
3	K852 20BR/LB (DIESEL)
4	K400 20BR/VT
5	K23 20BR/WT
6	K167 20BR/YL



C337

C337 - (BODY SIDE)

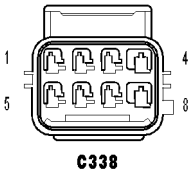
CAV	CIRCUIT
1	C15 16BK



C337

C337 - (ELECTRIC BACKLIGHT SIDE)

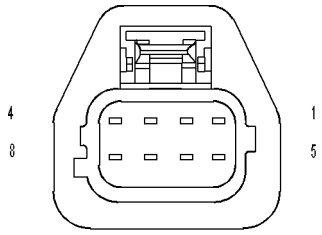
CAV	CIRCUIT
1	C15 16DB/WT



C338
(SATELLITE RADIO STANDARD CAB)

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

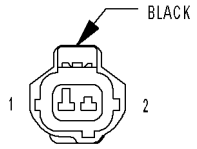
CAV	CIRCUIT
1	X160 18GY/YL
2	X211 18YL/GY
3	Z966 18BK
4	X17 18DG/OR
5	D25 20WT/VT
6	D112 18WT/OR
7	X917 18DG
8	X16 18DG/YL



C338
(SATELLITE RADIO STANDARD CAB)

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

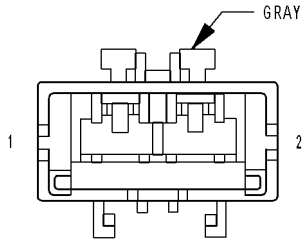
CAV	CIRCUIT
1	X160 20GY/YL
2	X211 20GY/YL
3	Z966 20BK
4	X17 20GY/YL
5	D25 20GY/YL
6	D112 20GY/YL
7	X917 20GY/YL
8	X16 20GY/YL



CAPACITOR-IGNITION (3.7L/4.7L)

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

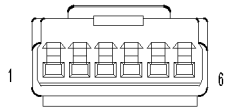
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	-	-



CIRCUIT BREAKER-POWER WINDOW

CIRCUIT BREAKER-POWER WINDOW - GRAY 2 WAY

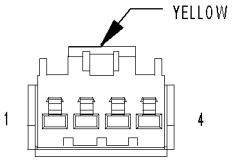
CAV	CIRCUIT	FUNCTION
1	A991 10RD	FUSED B(+)
2	A310 10RD/LB	FUSED B(+)



CLOCKSPRING C1

CLOCKSPRING C1 - 6 WAY

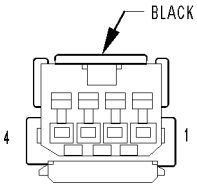
CAV	CIRCUIT	FUNCTION
1	Z909 20BK (PREMIUM)	GROUND
2	X20 20GY/WT (PREMIUM)	RADIO CONTROL MUX
3	V38 20VT/OR (EXCEPT SRT)	S/C SWITCH NO. 2 SIGNAL
4	V37 20VT	S/C SWITCH NO. 1 SIGNAL
5	V937 20VT/BR (EXCEPT SRT)	S/C SWITCH RETURN
5	K900 20DB/DG (SRT)	SENSOR GROUND
6	X3 20DG/VT	HORN SWITCH SENSE



CLOCKSPRING C2

CLOCKSPRING C2 - YELLOW 4 WAY

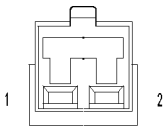
CAV	CIRCUIT	FUNCTION
1	R61 20LG/VT	DRIVER SQUIB 2 LINE 1
2	R63 20LG/WT	DRIVER SQUIB 2 LINE 2
3	R43 20LG/BR	DRIVER SQUIB 1 LINE 1
4	R45 20LG/OR	DRIVER SQUIB 1 LINE 2



CLOCKSPRING C3

CLOCKSPRING C3 - BLACK 4 WAY

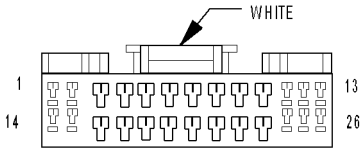
CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	V937 20VT/BR (ETC)	S/C SWITCH RETURN
2	K900 20VT/BR (EXCEPT ETC)	SENSOR GROUND
3	V37 20VT	S/C SWITCH NO. 1 SIGNAL
4	V38 20VT/OR (5.7L/DIESEL ETC)	S/C SWITCH NO. 2 SIGNAL



CLOCKSPRING C4 (PREMIUM)

CLOCKSPRING C4 (PREMIUM) - 2 WAY

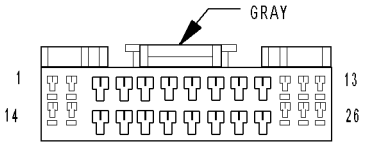
CAV	CIRCUIT	FUNCTION
1	Z909 22BK	GROUND
2	X20 22GY/WT	RADIO CONTROL MUX



CLUSTER C1

CLUSTER C1 - WHITE 26 WAY

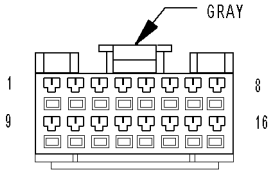
CAV	CIRCUIT	FUNCTION
1	P1 18TN/LG (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT FRONT
2	A941 18RD	FUSED B(+)
3	K32 18DB/YL	BTSI SOLENOID CONTROL
4	-	-
5	-	-
6	-	-
7	E16 20OR/GY	PANEL LAMPS DRIVER
8	E14 20OR/TN	PANEL LAMPS DRIVER
9	E19 20OR/BR	HEADLAMP SWITCH DIMMER SIGNAL
10	P393 18LG (EXCEPT BASE)	DOOR LOCK 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

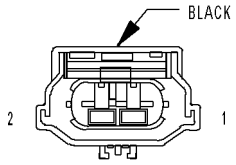
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
3	G76 20VT/YL	RIGHT REAR DOOR AJAR SWITCH SENSE
4	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
5	-	-
6	-	-
7	K77 18BR/WT (EXCEPT SRT)	TRANSFER CASE POSITION SENSE
8	L900 20WT/YL	WIPER/TURN/BEAM 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

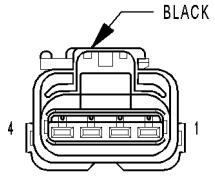
CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	G160 20VT/LG (SLT/SRT)	PASSENGER DOOR LOCK SWITCH MUX
3	G161 20VT/DG (SLT/SRT)	DRIVER DOOR LOCK SWITCH MUX
4	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
5	L116 20WT/LG	HEADLAMP SWITCH SIGNAL
6	-	-
7	G163 20VT/LB (SLT/SRT)	DRIVER CYLINDER LOCK 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

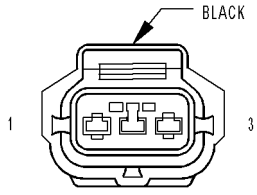
CAV	CIRCUIT	FUNCTION
1	C3 20DB/YL (NGC)	A/C CLUTCH RELAY OUTPUT
1	C3 18DB/YL (SRT/DIESEL)	A/C CLUTCH RELAY OUTPUT
2	Z816 18BK (DIESEL)	GROUND
2	Z153 18BK/GY (NGC)	GROUND
2	Z1 18BK (SRT)	GROUND



COIL-IGNITION-LEFT (SRT)

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

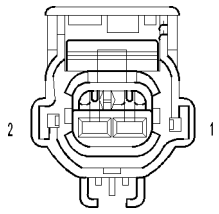
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT
3	K133 18DB/WT	COIL CONTROL NO. 4
4	K134 18DB/YL	COIL CONTROL NO. 5



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

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

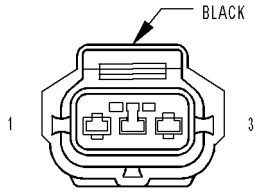
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



COIL-IGNITION-NO. 1 (5.7L)

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

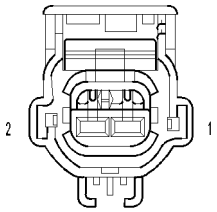
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K19 18DB/DG	COIL CONTROL NO. 1



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

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

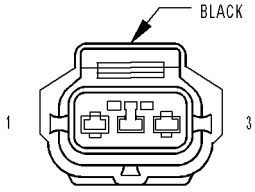
CAV	CIRCUIT	FUNCTION
1	K17 18DB/TN	COIL CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



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

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

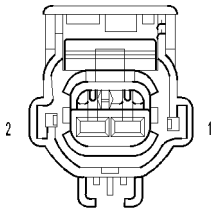
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K17 18DB/TN	COIL CONTROL NO. 2



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

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

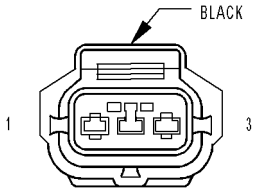
CAV	CIRCUIT	FUNCTION
1	K18 18DB/OR	COIL CONTROL NO. 3
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



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

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

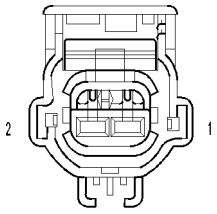
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K18 18DB/OR	COIL CONTROL NO. 3



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

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

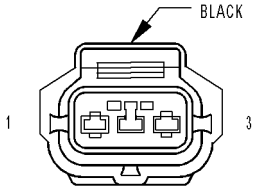
CAV	CIRCUIT	FUNCTION
1	K15 18DB/GY	COIL CONTROL NO. 4
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



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

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

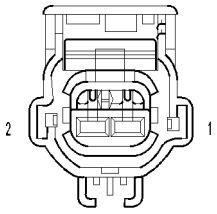
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K15 18DB/GY	COIL CONTROL NO. 4



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

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

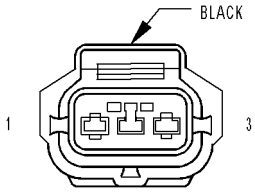
CAV	CIRCUIT	FUNCTION
1	K16 18DB/YL	COIL CONTROL NO. 5
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



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

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

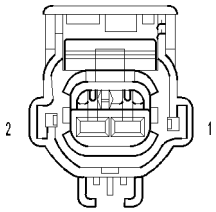
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K16 18DB/YL	COIL CONTROL NO. 5



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

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

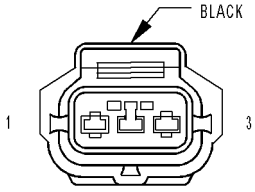
CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



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

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

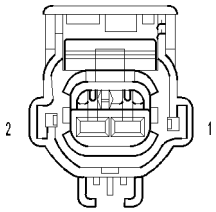
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K10 18DB/OR	COIL CONTROL NO. 6



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

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

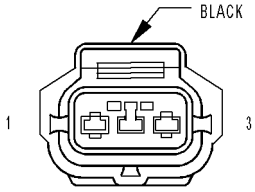
CAV	CIRCUIT	FUNCTION
1	K97 18DB/YL	COIL CONTROL NO. 7
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



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

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

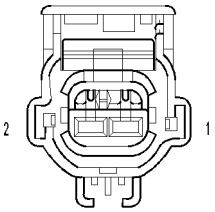
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K97 18BR	COIL CONTROL NO. 7



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

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

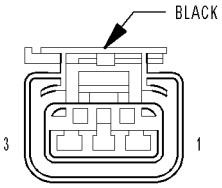
CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL	COIL CONTROL NO. 8
2	K342 16BR/WT	ASD RELAY OUTPUT
3	-	-



COIL-IGNITION-NO. 8 (5.7L)

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

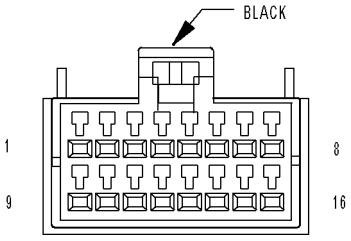
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD RELAY OUTPUT
2	K98 18DB/YL	COIL CONTROL NO. 8



COIL-IGNITION-RIGHT-(SRT)

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

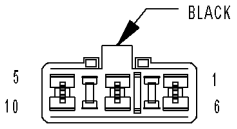
CAV	CIRCUIT	FUNCTION
1	K17 18DB/TN	COIL CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT
3	K18 18DB/OR	COIL CONTROL NO. 3



CONTROL-A/C-HEATER C1

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

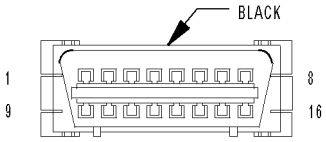
CAV	CIRCUIT	FUNCTION
1	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z24 20BK/OR (EXCEPT SRT)	GROUND
2	Z24 18BK/OR (SRT)	GROUND
3	C121 20DB/DG	SENSOR GROUND
4	C29 20DB	MODE DOOR 2 DRIVER
5	-	-
6	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL
7	-	-
8	E16 20OR/GY	PANEL LAMPS DRIVER
9	C61 20DB/LG	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

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

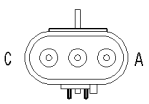
CAV	CIRCUIT	FUNCTION
1	-	-
2	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
3	C73 14DB/VT	BLOWER MOTOR M2 DRIVER
4	-	-
5	Z134 10BK/LG	GROUND
6	-	-
7	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
8	-	-
9	-	-
10	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER



DATA LINK CONNECTOR

DATA LINK CONNECTOR - BLACK 16 WAY

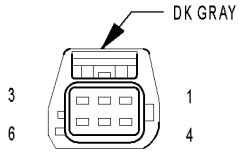
CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	Z11 18BK/LG	GROUND
5	Z111 18BK/WT	GROUND
6	-	-
7	D21 18WT/BR (DIESEL)	SCI TRANSMIT (ECM)
7	D21 18WT/BR (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 18WT/OR (EXCEPT SRT)	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (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)

DATA LINK CONNECTOR-ENGINE (DIESEL) - 3 WAY

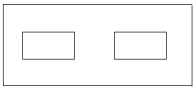
CAV	CIRCUIT	FUNCTION
A	D72 18WT/LB	CCD BUS (+)
B	D71 18WT/DB	CCD BUS (-)
C	Z816 14BK	GROUND



DRIVE-FAN-RADIATOR (DIESEL)

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

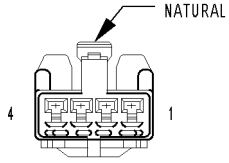
CAV	CIRCUIT	FUNCTION
1	K160 18BR/OR	FAN CLUTCH CONTROL
2	K690 18DG/YL	SENSOR GROUND
3	K161 18BR/LB	FAN SPEED SENSOR
4	-	-
5	K668 18LG	5 VOLT SUPPLY
6	F504 18GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)



FUSE HOLDER (SRT)

FUSE HOLDER (SRT) - 2 WAY

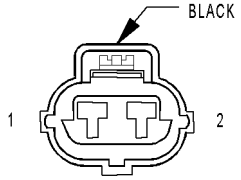
CAV	CIRCUIT	FUNCTION
1	F988 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	F982 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)



GAUGE-ENGINE OIL TEMPERATURE (SRT)

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

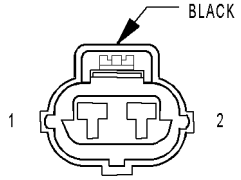
CAV	CIRCUIT	FUNCTION
1	E10 20OR/DG	ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
2	G127 20VT/DB	OIL TEMPERATURE GAUGE SIGNAL
3	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z1 18BK	GROUND



GENERATOR (EXCEPT SRT)

GENERATOR (EXCEPT SRT) - BLACK 2 WAY

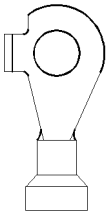
CAV	CIRCUIT	FUNCTION
1	Z816 18BK (DIESEL)	GROUND
1	K20 18BR/GY (NGC)	GEN FIELD CONTROL
2	K20 18BR/GY (DIESEL)	GEN FIELD CONTROL
2	Z20 18BR/BK (NGC)	GROUND



GENERATOR (SRT)

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

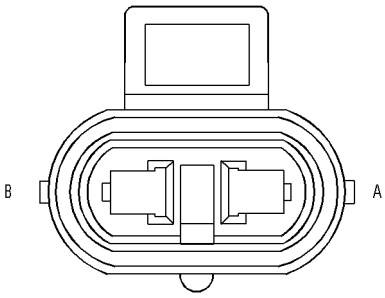
CAV	CIRCUIT	FUNCTION
1	A11 04 BR/RD	B(+)



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

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

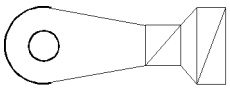
CAV	CIRCUIT	FUNCTION
1	A11 04BR/RD (EXCEPT SRT)	B(+)
1	A11 08LB (SRT)	B(+)



HEATER-FUEL (DIESEL)

HEATER-FUEL (DIESEL) - 2 WAY

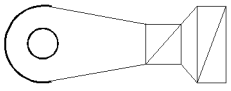
CAV	CIRCUIT	FUNCTION
A	Z816 14BK	GROUND
B	A961 14RD	FUEL HEATER RELAY OUTPUT



HEATER-INTAKE AIR NO.1 (DIESEL)

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

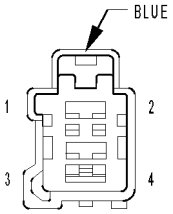
CAV	CIRCUIT	FUNCTION
1	A122 6BK	INTAKE AIR HEATER NO. 1 RELAY OUTPUT



HEATER-INTAKE AIR NO. 2 (DIESEL)

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

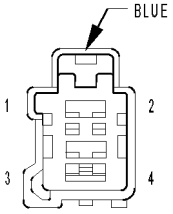
CAV	CIRCUIT	FUNCTION
1	A58 6BK	INTAKE AIR HEATER NO. 2 RELAY OUTPUT



HEATED-SEAT CUSHION-DRIVER

HEATER-SEAT CUSHION-DRIVER - BLUE 4 WAY

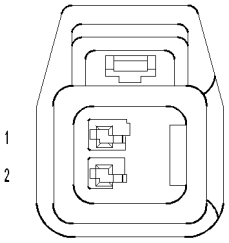
CAV	CIRCUIT	FUNCTION
1	P187 18LG/BR	DRIVER SEAT HEATER SUPPLY
2	Z939 20BK (EXCEPT SRT)	GROUND
2	Z939 18BK (SRT)	GROUND
3	P53 20LG/OR (EXCEPT SRT)	DRIVER SEAT TEMPERATURE SENSOR SIGNAL
3	P53 20LG (SRT)	DRIVER SEAT TEMPERATURE SENSOR SIGNAL
4	P89 20LG/OR	SEAT TEMPERATURE SENSOR SUPPLY



HEATED-SEAT CUSHION-PASSENGER

HEATER-SEAT CUSHION-PASSENGER - BLUE 4 WAY

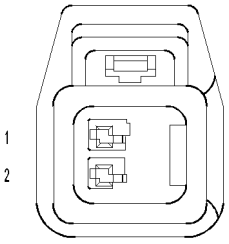
CAV	CIRCUIT	FUNCTION
1	P188 18LG/VT	PASSENGER SEAT HEATER SUPPLY
2	Z939 20BK (EXCEPT SRT)	GROUND
2	Z939 18BK (SRT)	GROUND
3	P54 20OR/LG	PASSENGER SEAT TEMPERATURE SENSOR SUPPLY
4	P89 20LG/OR	SEAT TEMPERATURE SENSOR SUPPLY



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

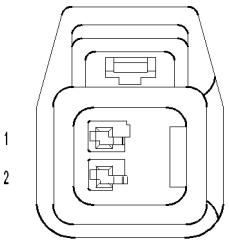
CAV	CIRCUIT	FUNCTION
1	X2 18DG/OR	HORN RELAY OUTPUT
2	Z299 18BK/OR	GROUND



INJECTOR-FUEL-NO. 1 (DIESEL)

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

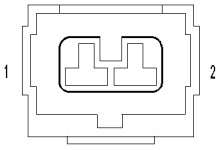
CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K11 14BK	INJECTOR CONTROL NO. 1



INJECTOR-FUEL-NO. 1 (NGC)

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

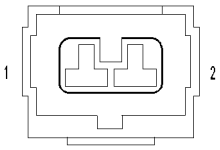
CAV	CIRCUIT	FUNCTION
1	K11 18BR/YL	INJECTOR CONTROL NO. 1
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 1 (SRT)

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)

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

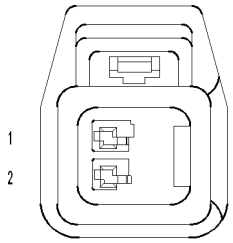
CAV	CIRCUIT	FUNCTION
1	K116 18BR/WT	INJECTOR CONTROL NO. 10
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 2 (DIESEL)

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

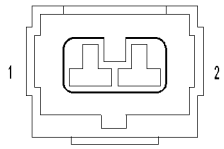
CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K12 14BK	INJECTOR CONTROL NO. 2



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

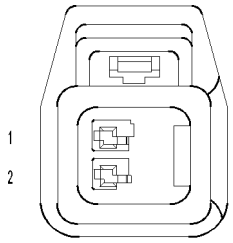
CAV	CIRCUIT	FUNCTION
1	K12 18BR/DB	INJECTOR CONTROL NO. 2
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 3 (DIESEL)

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

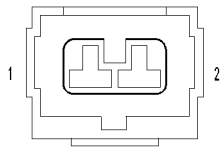
CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K13 14BK	INJECTOR CONTROL NO. 3



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

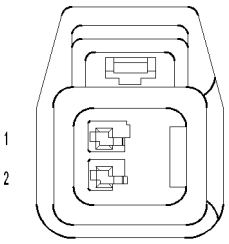
CAV	CIRCUIT	FUNCTION
1	K13 18BR/LB	INJECTOR CONTROL NO. 3
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 4 (DIESEL)

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

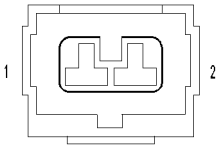
CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K14 14BK	INJECTOR CONTROL NO. 4



INJECTOR-FUEL-NO. 4 (NGC)

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)

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

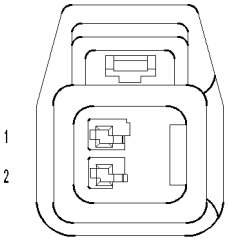
CAV	CIRCUIT	FUNCTION
1	K14 18BR/TN	INJECTOR CONTROL NO. 4
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 5 (DIESEL)

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

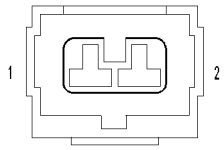
CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K38 14BK	INJECTOR CONTROL NO. 5



INJECTOR-FUEL-NO. 5 (NGC)

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

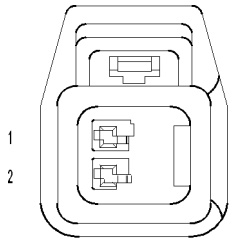
CAV	CIRCUIT	FUNCTION
1	K38 18BR/OR	INJECTOR CONTROL NO. 5
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 6 (DIESEL)

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

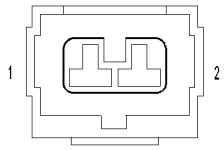
CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K58 14BK	INJECTOR CONTROL NO. 6



INJECTOR-FUEL-NO. 6 (NGC)

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

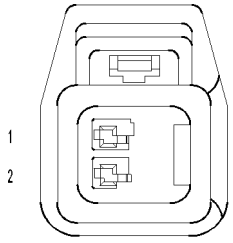
CAV	CIRCUIT	FUNCTION
1	K58 18BR/VT	INJECTOR CONTROL NO. 6
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 6 (SRT)

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

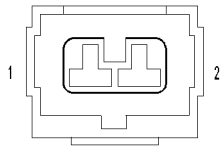
CAV	CIRCUIT	FUNCTION
1	K58 18BR/VT	INJECTOR CONTROL NO. 6
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 7 (NGC)

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

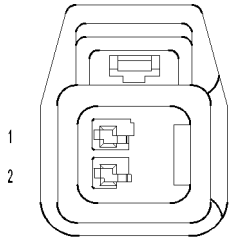
CAV	CIRCUIT	FUNCTION
1	K26 18BR/YL	INJECTOR CONTROL NO. 7
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 7 (SRT)

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

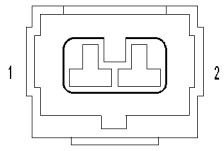
CAV	CIRCUIT	FUNCTION
1	K26 18BR/YL	INJECTOR CONTROL NO. 7
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 8 (NGC)

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

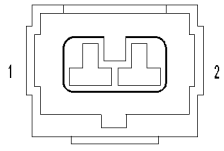
CAV	CIRCUIT	FUNCTION
1	K28 18BR/LB	INJECTOR CONTROL NO. 8
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 8 (SRT)

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

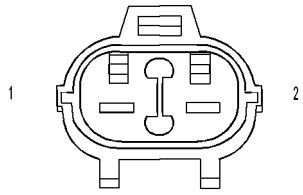
CAV	CIRCUIT	FUNCTION
1	K28 18BR/LB	INJECTOR CONTROL NO. 8
2	K342 16BR/WT	ASD RELAY OUTPUT



INJECTOR-FUEL-NO. 9 (SRT)

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

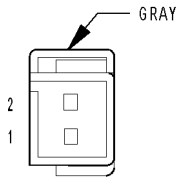
CAV	CIRCUIT	FUNCTION
1	K115 18BR	INJECTOR CONTROL NO. 9
2	K342 16BR/WT	ASD RELAY OUTPUT



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

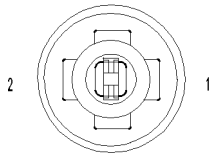
LAMP-CENTER BEZEL - GRAY 2 WAY

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

CONNECTOR NOT AVAILABLE

LAMP-CHMSL-AFTERMARKET - 1 WAY

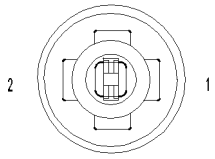
CAV	CIRCUIT	FUNCTION
1	L50 18 WT/TN	BRAKE LAMP SWITCH OUTPUT



LAMP-CLEARANCE NO. 1 (HD)

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

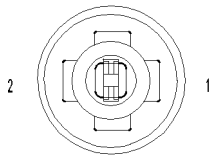
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



LAMP-CLEARANCE NO. 2 (HD)

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

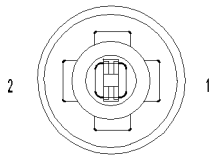
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



LAMP-CLEARANCE NO. 3 (HD)

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

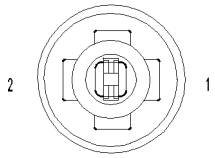
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



LAMP-CLEARANCE NO. 4 (HD)

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

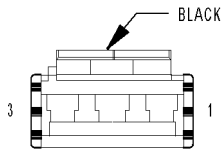
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



LAMP-CLEARANCE NO. 5 (HD)

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

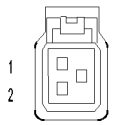
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z946 20BK	GROUND



LAMP-DOME-REAR

LAMP-DOME-REAR - BLACK 3 WAY

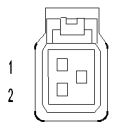
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY (LIGHT PACKAGE)	READING LAMPS DRIVER
2	M20 20YL/LB	COURTESY LAMPS DRIVER
3	Z964 20BK	GROUND



LAMP-FENDER-FRONT LEFT (DUAL REAR WHEELS)

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

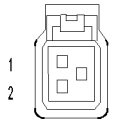
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z947 18BK	GROUND



LAMP-FENDER-FRONT RIGHT (DUAL REAR WHEELS)

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

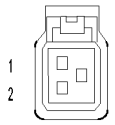
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z948 18BK	GROUND



LAMP-FENDER-REAR LEFT (DUAL REAR WHEELS)

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

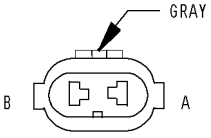
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z947 18BK	GROUND



LAMP-FENDER-REAR RIGHT (DUAL REAR WHEELS)

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

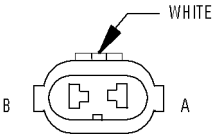
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z948 18BK	GROUND



LAMP-FOG-LEFT

LAMP-FOG-LEFT - GRAY 2 WAY

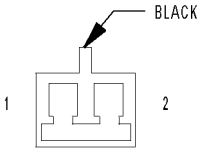
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP RELAY OUTPUT



LAMP-FOG-RIGHT

LAMP-FOG-RIGHT - WHITE 2 WAY

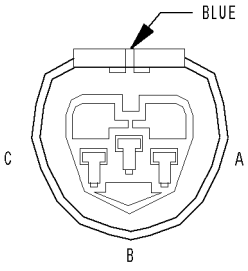
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP RELAY OUTPUT



LAMP-GLOVE BOX

LAMP-GLOVE BOX - BLACK 2 WAY

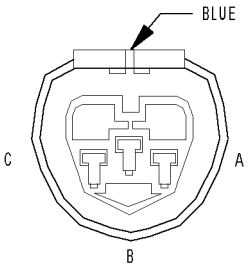
CAV	CIRCUIT	FUNCTION
1	Z328 20BK/TN	GROUND
2	M228 18YL/LB	GLOVE BOX LAMP DRIVER



LAMP-HEADLAMP-LEFT

LAMP-HEADLAMP-LEFT - BLUE 3 WAY

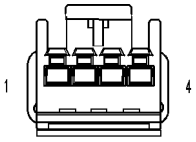
CAV	CIRCUIT	FUNCTION
A	L43 18WT/DB	LEFT LOW BEAM DRIVER
B	Z345 18BK/LB	GROUND
C	L33 18WT/LG	LEFT HIGH BEAM DRIVER



LAMP-HEADLAMP-RIGHT

LAMP-HEADLAMP-RIGHT - BLUE 3 WAY

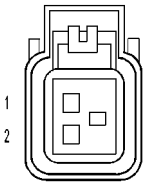
CAV	CIRCUIT	FUNCTION
A	L44 18WT/TN	RIGHT LOW BEAM DRIVER
B	Z346 18BK/LG	GROUND
C	L34 18WT/GY	RIGHT HIGH BEAM DRIVER



LAMP-HIGH MOUNTED STOP

LAMP-HIGH MOUNTED STOP - 4 WAY

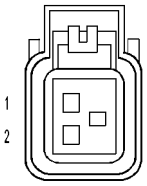
CAV	CIRCUIT	FUNCTION
1	L14 20WT/TN (EXCEPT SUNROOF)	CARGO LAMP DRIVER
1	L14 20WT/BR (SUNROOF)	CARGO LAMP DRIVER
2	Z964 20BK	GROUND
3	Z964 20 BK	GROUND
4	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT



LAMP-LICENSE-LEFT

LAMP-LICENSE-LEFT - 2 WAY

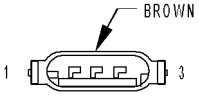
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z367 18BK/BR	GROUND



**LAMP-
LICENSE-
RIGHT**

LAMP-LICENSE-RIGHT - 2 WAY

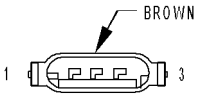
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z367 18BK/BR	GROUND



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

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

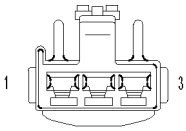
CAV	CIRCUIT	FUNCTION
1	L61 18WT/LG	LEFT FRONT TURN LAMP DRIVER
2	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
3	Z377 18BK/BR	GROUND



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

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

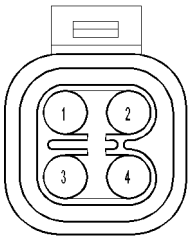
CAV	CIRCUIT	FUNCTION
1	L60 18WT/TN	RIGHT FRONT TURN LAMP DRIVER
2	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
3	Z378 18BK/TN	GROUND



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

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

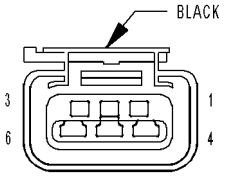
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY	READING LAMPS DRIVER
2	Z964 20BK	GROUND
3	M22 20YL/OR	COURTESY LAMPS DRIVER



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

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

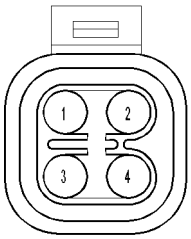
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	Z928 16BK	GROUND
3	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



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

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

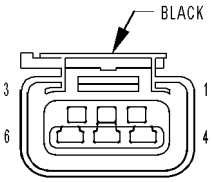
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP RELAY OUTPUT
2	-	-
3	Z928 18BK	GROUND
4	L53 18DG/WT	LEFT STOP LAMP DRIVER
5	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
6	L1 18WT/LG	BACKUP LAMP FEED



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

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

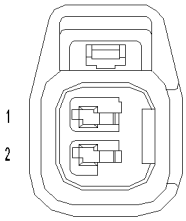
CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	Z928 16BK	GROUND
3	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



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

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

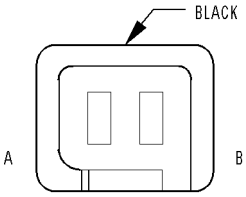
CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP RELAY OUTPUT
2	-	-
3	Z928 18BK	GROUND
4	L54 18WT/LG	RIGHT STOP LAMP DRIVER
5	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
6	L1 18WT/LG	BACKUP LAMP FEED



**LAMP-
UNDERHOOD
(SRT)**

LAMP-UNDERHOOD (SRT) - 2 WAY

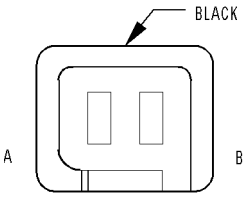
CAV	CIRCUIT	FUNCTION
1	Z470 20BK/LB	GROUND
2	A114 18GY/RD	FUSED B(+)



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

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

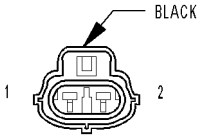
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



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

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

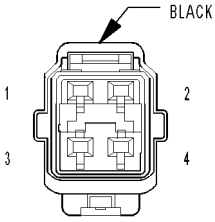
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



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

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

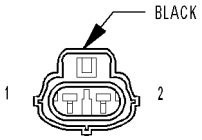
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z75 20BK/VT	GROUND



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

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

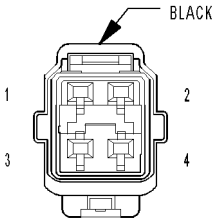
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z75 20BK/VT	GROUND
3	P1 18TN/LG	DOOR UNLOCK DRIVER LEFT FRONT
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS



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

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

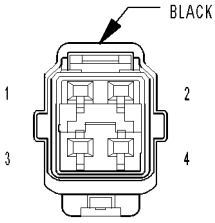
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z79 20LG/BK	GROUND



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

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

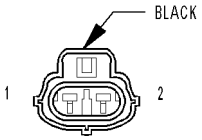
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z79 20LG/BK	GROUND
3	P5 18TN/OR	DOOR UNLOCK DRIVER LEFT REAR
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS



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

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

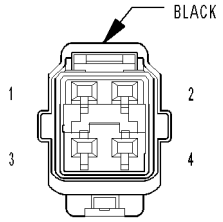
CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	Z74 20BK/WT	GROUND
3	G778 18VT/LB	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG/DB	DOOR LOCK DRIVER RIGHT DOORS



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

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

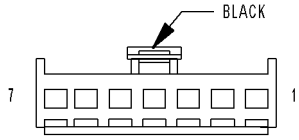
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND



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

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

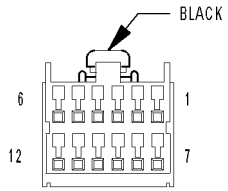
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND
3	G778 18TN/OR	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG	DOOR LOCK DRIVER RIGHT DOORS



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

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

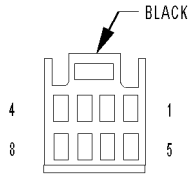
CAV	CIRCUIT	FUNCTION
1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z944 20BK	GROUND
3	L1 20WT/LG	BACKUP LAMP FEED
4	-	-
5	-	-
6	-	-
7	-	-



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

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

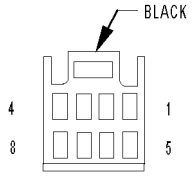
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	X722 20LB/DG	MICROPHONE 2 IN (+)
5	-	-
6	X712 20DG/LB	MICROPHONE 1 IN (+)
7	X793 20DG/YL	MICROPHONE FEED
8	-	-
9	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
10	-	-
11	X835 20OR/GY	SENSOR GROUND
12	X792 20LB/DG	MICROPHONE IN (-)



**MIRROR-
OUTSIDE REARVIEW-
DRIVER**

MIRROR-OUTSIDE REARVIEW-DRIVER - BLACK 8 WAY

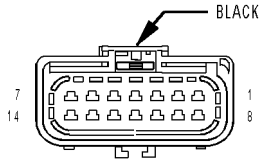
CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR RELAY OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P75 18TN/LG	LEFT MIRROR LEFT DRIVER
4	P71 18TN/DG	LEFT MIRROR UP DRIVER
5	Z461 20BK/DG	GROUND
6	-	-
7	-	-
8	-	-



**MIRROR-
OUTSIDE REARVIEW-
PASSENGER**

MIRROR-OUTSIDE REARVIEW-PASSENGER - BLACK 8 WAY

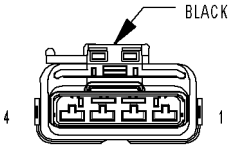
CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR RELAY OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
4	P72 18TN/GY	RIGHT MIRROR UP DRIVER
5	Z216 20BK/DB	GROUND
6	-	-
7	-	-
8	-	-



**MODULE-
ANTI-
LOCK
BRAKES C1**

MODULE-ANTI-LOCK BRAKES C1 - BLACK 14 WAY

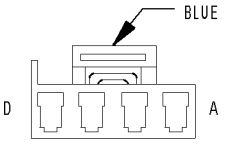
CAV	CIRCUIT	FUNCTION
1	B4 18DG/GY (EXCEPT SRT)	REAR WHEEL SPEED SENSOR (+)
1	B4 20DG/GY (SRT)	REAR WHEEL SPEED SENSOR (+)
2	B222 18DG/WT (5.7L)	VEHICLE SPEED SIGNAL NO. 2
3	D25 18WT/VT (EXCEPT SRT)	PCI BUS
3	D25 20WT/VT (SRT)	PCI BUS
4	F500 18DG/PK (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
4	F500 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

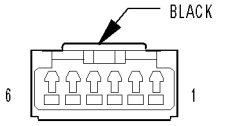
CAV	CIRCUIT	FUNCTION
1	B9 20DG/LG	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B8 20DG/TN	LEFT FRONT WHEEL SPEED SENSOR (-)
3	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)
4	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)



MODULE-BRAKE PROVISION

MODULE-BRAKE PROVISION - BLUE 4 WAY

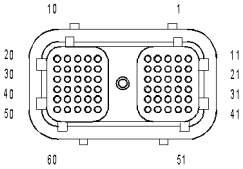
CAV	CIRCUIT	FUNCTION
A	A400 14TN/RD	FUSED B(+)
B	B40 14DG	TRAILER TOW BRAKE B(+)
C	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
D	Z998 18BK	GROUND



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	-	-



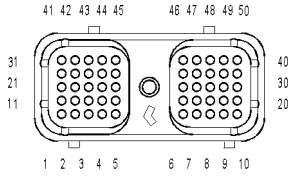
MODULE-ENGINE CONTROL C1

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

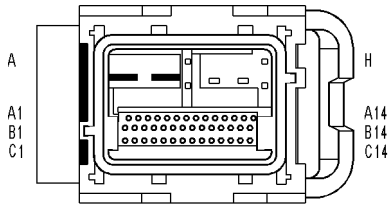
CAV	CIRCUIT	FUNCTION
24	K44 18DB/GY	CMP SIGNAL
25	K668 18LG	5 VOLT SUPPLY
26	C918 18BK/LB	A/C PRESSURE SIGNAL
27	K853 18DB/BR	5 VOLT SUPPLY
28	K29 18WT/BR	APPS NO. 2 SIGNAL
29	K690 18DG/YL	SENSOR GROUND
30	K11 16WT/DB	INJECTOR CONTROL NO. 1
31	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL
32	K916 18BR/OR	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

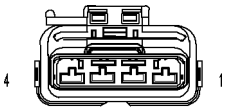
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
4	-	-
5	K176 18BR/OR	INTAKE AIR HEATER NO. 2 RELAY CONTROL
6	K174 18BR/YL	INTAKE AIR HEATER NO. 1 RELAY CONTROL
7	K31 18BR	FUEL PUMP RELAY CONTROL
8	-	-
9	T41 18YL/DB (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
10	K161 18BR/LB	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

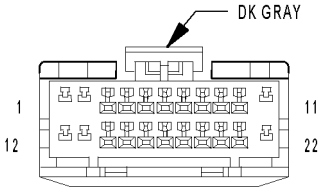
CAV	CIRCUIT	FUNCTION
A	Z935 16BK	GROUND
A1	T521 20YL/GY	LOCKER SENSOR SUPPLY
A2	-	-
A3	T522 20YL/LB	FRONT LOCKER SENSOR SENSE
A4	-	-
A5	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
A6	K77 20BR/WT	TRANSFER CASE POSITION SENSE
A7	-	-
A8	T527 20YL/TN	REAR LOCKER SENSOR SENSE
A9	T525 20YL/DB	TRANSFER 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

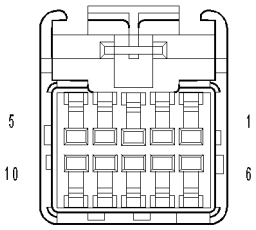
CAV	CIRCUIT	FUNCTION
1	Z201 12BK/OR	GROUND
2	K900 18DB/DG	SENSOR GROUND
3	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
4	A109 14OR/RD	FUEL PUMP RELAY OUTPUT



**MODULE-
HANDS FREE C1**

MODULE-HANDS FREE C1 - DK GRAY 22 WAY

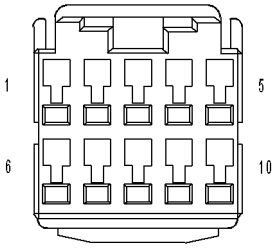
CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-
4	-	-
5	X722 18LB/DG	MICROPHONE 2 IN (+)
6	-	-
7	-	-
8	X703 18DG/OR	LEFT AUDIO OUTPUT
9	X704 18DG/YL	RIGHT AUDIO OUTPUT
10	X795 18DG	COMMON AUDIO OUTPUT
11	-	-
12	-	-
13	-	-
14	D25 20WT/VT	PCI BUS
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

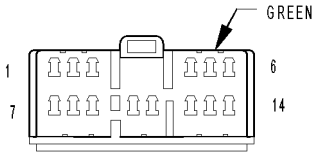
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	X160 18GY/YL	FUSED B(+)
7	-	-
8	D112 18WT/OR	SDAR BUS
9	Z966 18BK (EXCEPT SRT)	GROUND
9	Z909 18BK (SRT)	GROUND
10	-	-



**MODULE-
HANDS
FREE C3**

MODULE-HANDS FREE C3 - 10 WAY

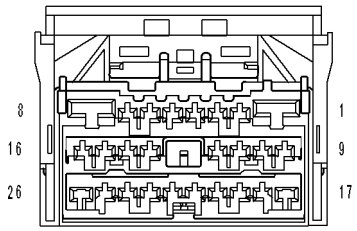
CAV	CIRCUIT	FUNCTION
1	X16 18DG/YL	AUDIO SIGNAL RIGHT (+)
2	X917 18DG	AUDIO SIGNAL COMMON
3	-	-
4	D25 20WT/VT	PCI BUS
5	X211 18YL/GY	IGNITION RUN-ACC SIGNAL
6	X17 18DG/OR	AUDIO SIGNAL LEFT (+)
7	Z966 18BK	GROUND
8	D112 18WT/OR	SDAR BUS
9	-	-
10	X160 18GY/YL	FUSED B(+)



**MODULE-
HEATED
SEATS**

MODULE-HEATED SEATS - GREEN 14 WAY

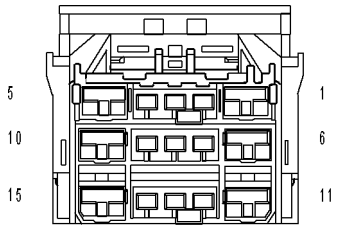
CAV	CIRCUIT	FUNCTION
1	P7 20LG/DG	DRIVER SEAT HEATER MUX SWITCH
2	P89 20LG/OR	SEAT TEMPERATURE SENSOR SUPPLY
3	P188 18LG/VT	PASSENGER SEAT HEATER SUPPLY
4	A930 18RD (EXCEPT SRT)	FUSED B(+)
4	A930 16RD (SRT)	FUSED B(+)
5	P187 18LG/BR	DRIVER SEAT HEATER SUPPLY
6	A930 18RD (EXCEPT SRT)	FUSED B(+)
6	A930 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

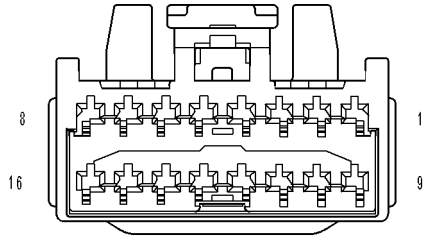
CAV	CIRCUIT	FUNCTION
1	A960 14RD (DIESEL)	FUSED B(+)
1	A16 16RD/BR (NGC)	FUSED B(+)
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	F500 18DG/PK (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
4	F500 20DG/PK (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
5	L673 18YL	TRAILER TOW LEFT TURN RELAY 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

MODULE-INTEGRATED POWER C2 - 15 WAY

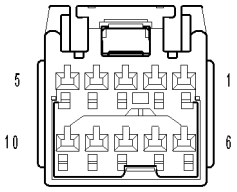
CAV	CIRCUIT	FUNCTION
1	A991 10RD (EXCEPT 3.7L/4.7L BASE/ EXCEPT SRT)	FUSED B(+)
1	A991 12RD (SRT)	FUSED B(+)
2	A34 16RD/WT (4X4 EXCEPT SRT)	FUSED B(+)
2	A916 16RD (SRT)	FUSED B(+)
3	A405 18RD/DB	FUSED B(+)
4	A917 20RD (SRT)	FUSED B(+)
5	A210 12OR/RD (EXCEPT 3.7L/4.7L BASE/EXCEPT SRT)	FUSED B(+)
5	A210 10OR/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

MODULE-INTEGRATED POWER C3 - 16 WAY

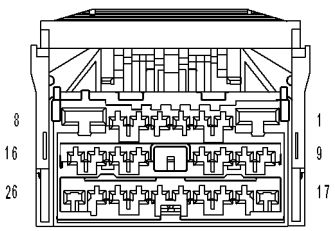
CAV	CIRCUIT	FUNCTION
1	W10 20BR	WASHER PUMP MOTOR CONTROL
2	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
3	Z117 18BK/WT	GROUND
4	G31 20VT/LG (EXCEPT NGC)	AAT SIGNAL
5	Z118 18BK/YL	GROUND
6	L1 18WT/LG	BACKUP LAMP FEED
7	-	-
8	-	-
9	-	-
10	D25 20VT/PK	PCI BUS
11	-	-
12	L61 18WT/LG	LEFT FRONT TURN LAMP DRIVER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

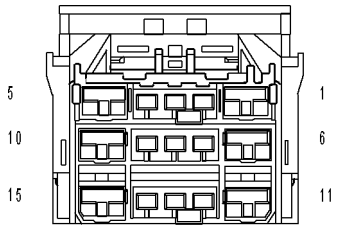
CAV	CIRCUIT	FUNCTION
1	Z116 18BK/VT	GROUND
2	L54 18WT/LG	RIGHT STOP LAMP DRIVER
3	W1 20BR/TN	WASHER FLUID SWITCH SENSE
4	-	-
5	-	-
6	F941 20PK/LG (DIESEL)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
7	W7 20BR/GY	WIPER PARK SWITCH SENSE
8	-	-
9	-	-
10	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)



MODULE-INTEGRATED POWER C5

MODULE-INTEGRATED POWER C5 - 26 WAY

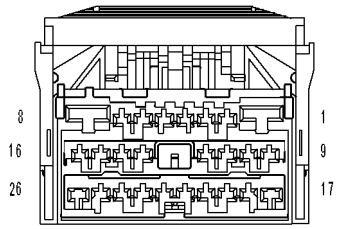
CAV	CIRCUIT	FUNCTION
1	F922 16PK/YL (EXCEPT SRT)	FUSED IGNITION SWITCH OUTPUT (RUN)
1	F922 14PK/YL (SRT)	RELAY RUN OUTPUT
2	F941 20PK/LG (DIESEL)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z912 20BK (NGC)	GROUND
2	K125 18BR/DG (SRT)	GENERATOR SOURCE
3	-	-
4	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
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

MODULE-INTEGRATED POWER C6 - 15 WAY

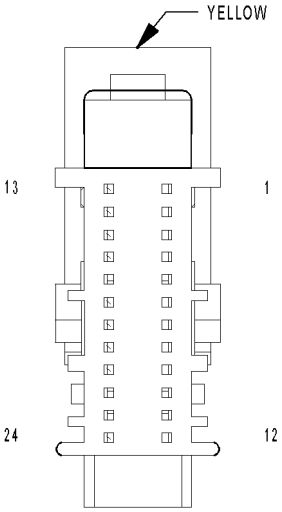
CAV	CIRCUIT	FUNCTION
1	-	-
2	A400 14TN/RD (TRAILER TOW)	FUSED B(+)
3	-	-
4	K342 16BR/WT (GAS)	ASD RELAY OUTPUT
5	-	-
6	-	-
7	A109 16OR/RD (DIESEL)	FUEL PUMP RELAY OUTPUT
8	-	-
9	-	-
10	A961 14RD (DIESEL)	FUEL HEATER RELAY OUTPUT
10	C123 16LB/WT (NGC)	CONDENSER FAN RELAY OUTPUT
10	C7 10DB (SRT)	BLOWER 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

MODULE-INTEGRATED POWER C7 - 26 WAY

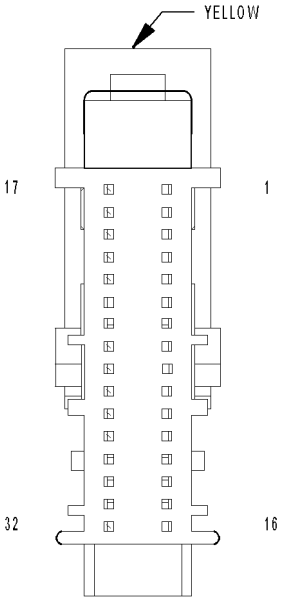
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY (EXCEPT SRT)	STARTER MOTOR RELAY OUTPUT
1	F922 14PK/YL (SRT)	RUN RELAY OUTPUT
2	W3 16BR/WT (EXCEPT SRT)	WIPER RELAY LOW SPEED OUTPUT
2	W3 14BR/WT (SRT)	WIPER RELAY LOW SPEED OUTPUT
3	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	A930 18RD (EXCEPT 3.7L/4.7L 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

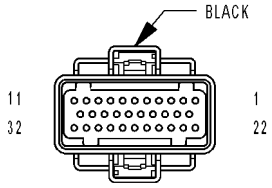
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D25 20WT/VT	PCI BUS
4	-	-
5	Z104 18BK/LG	GROUND
6	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
7	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
8	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	R43 20LG/BR	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

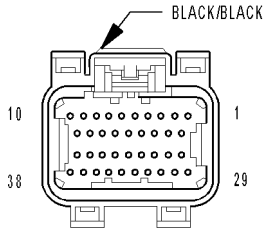
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2
10	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
11	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1
12	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2
13	R1 18LB/WT	LEFT CURTAIN SQUIB 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)

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

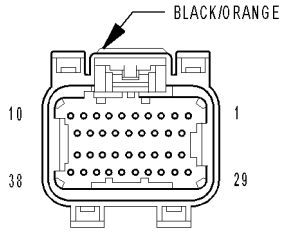
CAV	CIRCUIT	FUNCTION
1	K133 18DB/WT	COIL CONTROL NO. 4
2	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	K18 18DB/OR	COIL CONTROL NO. 3
4	K900 18DB/DG	SENSOR GROUND
5	K134 18DB/YL	COIL CONTROL NO. 5
6	T41 18YL/DB (A/T)	PARK NEUTRAL POSITION SWITCH SENSE (T41)
7	K19 18DB/DG	COIL CONTROL NO. 1
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)

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

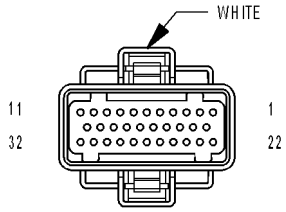
CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL (EXCEPT 3.7L)	COIL CONTROL NO. 8
2	-	-
3	K97 18DB/YL (4.7L)	COIL CONTROL NO. 7
3	K97 18BR (5.7L)	COIL CONTROL NO. 7
4	K28 18BR/LB (EXCEPT 3.7L)	INJECTOR CONTROL NO. 8
5	K26 18BR/YL (EXCEPT 3.7L)	INJECTOR CONTROL NO. 7
6	-	-
7	-	-
8	B222 20DG/WT (5.7L)	VEHICLE SPEED 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)

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

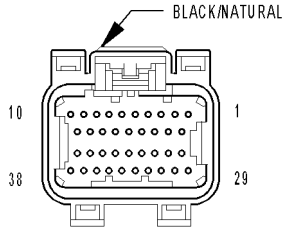
CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K16 18DB/YL	COIL CONTROL NO. 5
3	K15 18DB/GY	COIL CONTROL NO. 4
4	K58 18BR/VT	INJECTOR CONTROL NO. 6
5	K38 18BR/OR	INJECTOR CONTROL NO. 5
6	K447 18TN/YL (5.7L)	ETC MOTOR (+)
7	K18 18DB/OR	COIL CONTROL NO. 3
8	K35 18DB/VT (4.7L/5.7L LD)	EGR SOL CONTROL
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

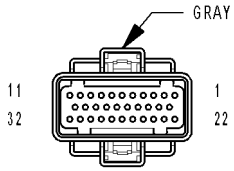
CAV	CIRCUIT	FUNCTION
1	T54 18DG/OR (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
2	K26 18BR/YL	INJECTOR CONTROL NO. 7
3	K115 18BR	INJECTOR CONTROL NO. 9
4	K11 18BR/YL	INJECTOR CONTROL NO. 1
5	K13 18BR/LB	INJECTOR CONTROL NO. 3
6	K38 18BR/OR	INJECTOR CONTROL NO. 5
7	-	-
8	T118 18DG (A/T)	GOVERNOR PRESSURE 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)

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

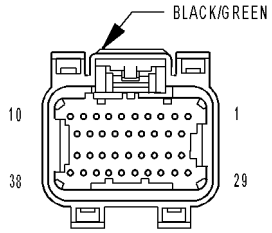
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K51 20BR/WT	ASD RELAY CONTROL
4	-	-
5	V35 20VT/OR (3.7L/4.7L)	S/C VENT SOL CONTROL
6	K173 18BR/VT	CONDENSER FAN RELAY CONTROL
7	V32 20VT/YL (3.7L/4.7L)	SPEED CONTROL SUPPLY
8	K106 18VT/LB	NVLD SOL CONTROL
9	K299 18BR/WT	O2 1/2 HEATER CONTROL
10	K399 18BR/GY	O2 2/2 HEATER 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

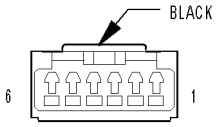
CAV	CIRCUIT	FUNCTION
1	C13 18LB/OR	A/C CLUTCH RELAY CONTROL
2	-	-
3	K51 18BR/WT	ASD RELAY CONTROL
4	V36 18VT/YL	S/C VACUUM SOL CONTROL
5	V35 18VT/OR	S/C VENT SOL CONTROL
6	-	-
7	K42 18DB/YL	KNOCK SENSOR NO. 1 SIGNAL
8	K99 18BR/LG	O2 1/1 HEATER CONTROL
9	K127 18BR/OR	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
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)

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

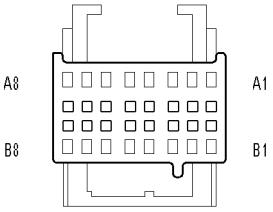
CAV	CIRCUIT	FUNCTION
1	T60 18YL/GY	OD SOLENOID CONTROL
2	T259 18YL/DG	4C SOLENOID CONTROL
3	-	-
4	T140 18DG	MS SOLENOID CONTROL
5	-	-
6	T219 18YL/LG	2C SOLENOID CONTROL
7	-	-
8	T59 18YL/LB	UD SOLENOID CONTROL
9	-	-
10	T20 18DG/WT	L/R SOLENOID CONTROL
11	T118 YL/VT (3.7L/4.7L)	PRESSURE CONTROL SOLENOID 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

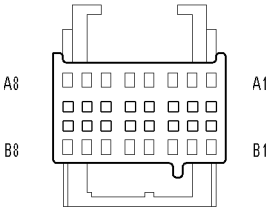
CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT	PCI BUS
3	-	-
4	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	Z120 20BK/WT	GROUND
6	A919 20RD	FUSED B(+)



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

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

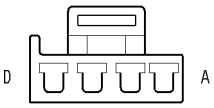
CAV	CIRCUIT	FUNCTION
A1	D25 20VT/DB	PCI BUS
A2	-	-
A3	-	-
A4	G92 20VT/OR	4WD LOW INDICATOR
A5	G91 20VT/WT	4WD HIGH INDICATOR
A6	K977 20BR/WT	MODE SELECT
A7	T885 20YL/GY	MODE SENSOR GROUND
A8	Z905 18BK	GROUND
B1	-	-
B2	-	-
B3	-	-
B4	G95 20VT/BR	NEUTRAL INDICATOR
B5	G2 20BR/WT	2WD/AWD INDICATOR
B6	D200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

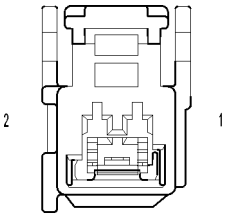
CAV	CIRCUIT	FUNCTION
A1	D202 20WT/VT	MODE SENSOR B
A2	D201 20WT/DG	MODE SENSOR A
A3	-	-
A4	-	-
A5	-	-
A6	T41 20YL/DB (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
A6	T41 20YL/DB (M/T)	TRS T41 SENSE
A7	-	-
A8	T313 20YL/LG	5 VOLT MODE SENSOR SUPPLY
B1	-	-
B2	D203 20WT/BR	MODE SENSOR C
B3	-	-
B4	-	-
B5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

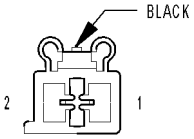
CAV	CIRCUIT	FUNCTION
A	Z905 16BK	GROUND
B	A34 16RD/WT	FUSED B(+)
C	T315 16YL/BR	SHIFT MOTOR CONTROL A
D	T316 16YL/GY	SHIFT MOTOR CONTROL B



MOTOR-ADJUSTABLE PEDALS (EXCEPT BASE)

MOTOR-ADJUSTABLE PEDALS (EXCEPT BASE) - 2 WAY

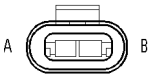
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REARWARD
2	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



MOTOR-BLOWER

MOTOR-BLOWER - BLACK 2 WAY

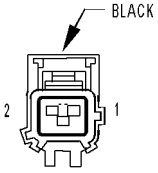
CAV	CIRCUIT	FUNCTION
1	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER
2	C7 10DB	BLOWER MOTOR FEED



MOTOR-CONDENSER FAN (NGC)

MOTOR-CONDENSER FAN (NGC) - BLACK 2 WAY

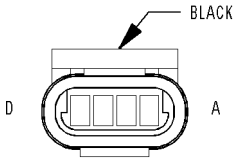
CAV	CIRCUIT	FUNCTION
A	Z823 16BK/DG	GROUND
B	C123 16LB/WT	CONDENSER FAN RELAY OUTPUT



MOTOR-IAC (3.7L/4.7L)

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

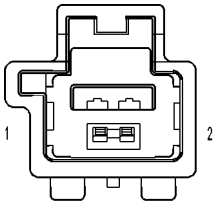
CAV	CIRCUIT	FUNCTION
1	K961 18BR/VT	IAC SIGNAL
2	K61 18VT/GY	IAC CONTROL



**MOTOR-
IAC
(SRT)**

MOTOR-IAC (SRT) - BLACK 4 WAY

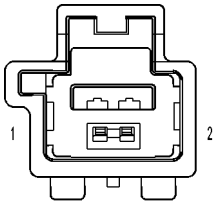
CAV	CIRCUIT	FUNCTION
A	K59 18BR/DG	IDLE AIR CONTROL NO. 4 DRIVER
B	K40 18BR/LG	IDLE AIR CONTROL NO. 1 DRIVER
C	K60 18VT/DG	IDLE AIR CONTROL NO. 2 DRIVER
D	K39 18VT/LG	IDLE AIR CONTROL NO. 3 DRIVER



**MOTOR-
LUMBAR-
DRIVER**

MOTOR-LUMBAR-DRIVER - 2 WAY

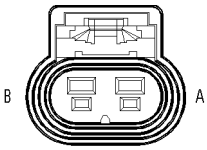
CAV	CIRCUIT	FUNCTION
1	P105 12LG	DRIVER SEAT LUMBAR MOTOR FORWARD DRIVER
2	P107 12LG/WT	DRIVER SEAT LUMBAR MOTOR REARWARD DRIVER



**MOTOR-
LUMBAR-
PASSENGER**

MOTOR-LUMBAR-PASSENGER - 2 WAY

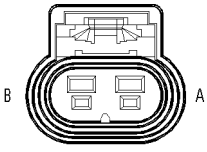
CAV	CIRCUIT	FUNCTION
1	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
2	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER



**MOTOR-
POWER WINDOW-
DRIVER**

MOTOR-POWER WINDOW-DRIVER - 2 WAY

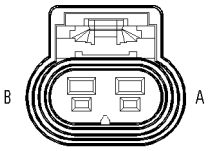
CAV	CIRCUIT	FUNCTION
A	Q21 14OR/WT	LEFT FRONT WINDOW DRIVER (DOWN)
B	Q11 14OR/LG	LEFT FRONT WINDOW DRIVER (UP)



**MOTOR-
POWER WINDOW-
LEFT REAR**

MOTOR-POWER WINDOW-LEFT REAR - 2 WAY

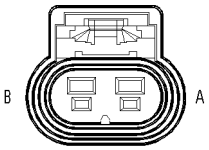
CAV	CIRCUIT	FUNCTION
A	Q211 14TN/LB	DRIVER REAR WINDOW DRIVER (DOWN)
B	Q111 14TN/YL	DRIVER REAR WINDOW DRIVER (UP)



**MOTOR-
POWER WINDOW-
PASSENGER**

MOTOR-POWER WINDOW-PASSENGER - 2 WAY

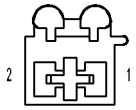
CAV	CIRCUIT	FUNCTION
A	Q22 14OR/VT	RIGHT FRONT WINDOW DRIVER (DOWN)
B	Q12 14OR/BR	RIGHT FRONT WINDOW DRIVER (UP)



**MOTOR-
POWER WINDOW-
RIGHT REAR**

MOTOR-POWER WINDOW-RIGHT REAR - 2 WAY

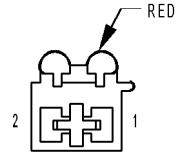
CAV	CIRCUIT	FUNCTION
A	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
B	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)



**MOTOR-
SEAT ADJUSTER-
DRIVER HORIZONTAL**

MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL - 2 WAY

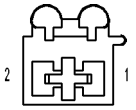
CAV	CIRCUIT	FUNCTION
1	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
2	P15 12LG/BR	DRIVER SEAT HORIZONTAL FORWARD DRIVER



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

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

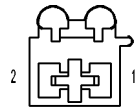
CAV	CIRCUIT	FUNCTION
1	P21 12LG/TN (EXCEPT SRT)	DRIVER SEAT FRONT DOWN DRIVER
1	P19 12LG/LB (SRT)	DRIVER SEAT FRONT UP DRIVER
2	P19 12LG/LB (EXCEPT SRT)	DRIVER SEAT FRONT UP DRIVER
2	P21 12LG/TN (SRT)	DRIVER SEAT FRONT DOWN DRIVER



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

MOTOR-SEAT ADJUSTER-FRONT PASSENGER VERTICAL - 2 WAY

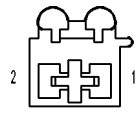
CAV	CIRCUIT	FUNCTION
1	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
2	P18 12LG/DG	PASSENGER SEAT FRONT DOWN DRIVER



**MOTOR-
SEAT ADJUSTER-
PASSENGER
HORIZONTAL**

MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL - 2 WAY

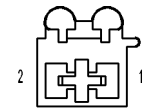
CAV	CIRCUIT	FUNCTION
1	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
2	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER



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

MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL - 2 WAY

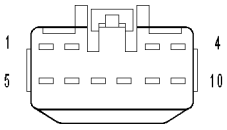
CAV	CIRCUIT	FUNCTION
1	P13 12LG/OR (EXCEPT SRT)	DRIVER SEAT REAR DOWN DRIVER
1	P11 12LG/YL (SRT)	DRIVER SEAT REAR UP DRIVER
2	P11 12LG/YL (EXCEPT SRT)	DRIVER SEAT REAR UP DRIVER
2	P13 12LG/OR (SRT)	DRIVER SEAT REAR DOWN DRIVER



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

MOTOR-SEAT ADJUSTER-REAR PASSENGER VERTICAL - 2 WAY

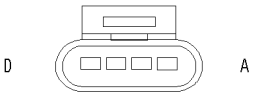
CAV	CIRCUIT	FUNCTION
1	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER
2	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER



**MOTOR-
SUNROOF**

MOTOR-SUNROOF - 10 WAY

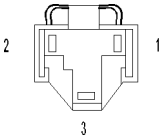
CAV	CIRCUIT	FUNCTION
1	Q6 20OR/LG	SUNROOF SWITCH SUPPLY
2	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	A310 14RD/LB	FUSED B(+)
4	Q5 20OR/LB	SUNROOF CLOSE SWITCH SENSE
5	Z964 14BK	GROUND
6	-	-
7	-	-
8	Q3 20OR/TN	SUNROOF OPEN SWITCH SENSE
9	Q4 20OR/YL	SUNROOF VENT SWITCH SENSE
10	-	-



MOTOR-WINDSHIELD WIPER

MOTOR-WINDSHIELD WIPER - 4 WAY

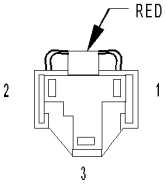
CAV	CIRCUIT	FUNCTION
A	W4 16BR/OR (EXCEPT SRT)	WIPER RELAY HIGH SPEED OUTPUT
A	W4 14 BR/OR (SRT)	WIPER RELAY HIGH SPEED OUTPUT
B	W3 16BR/WT (EXCEPT SRT)	WIPER RELAY LOW SPEED OUTPUT
B	W3 14 BR/WT (SRT)	WIPER RELAY LOW SPEED OUTPUT
C	Z103 18BK/WT	GROUND
D	W7 20BR/GY	WIPER PARK SWITCH SENSE



POWER OUTLET (EXCEPT SRT)

POWER OUTLET (EXCEPT SRT) - 3 WAY

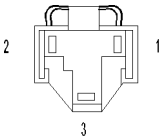
CAV	CIRCUIT	FUNCTION
1	A205 18RD/OR	FUSED B(+)
2	-	-
3	Z737 18BK/LB	GROUND



POWER OUTLET (SRT)

POWER OUTLET (SRT) - RED 3 WAY

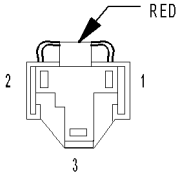
CAV	CIRCUIT	FUNCTION
1	A205 18RD/OR	FUSED B(+)
2	-	-
3	Z737 18BK/LB	GROUND



POWER OUTLET-CONSOLE (EXCEPT BASE)

POWER OUTLET-CONSOLE (EXCEPT BASE) - 3 WAY

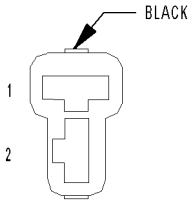
CAV	CIRCUIT	FUNCTION
1	A405 18RD/DB	FUSED B(+)
2	-	-
3	Z939 18BK	GROUND



POWER OUTLET-INSTRUMENT PANEL

POWER OUTLET-INSTRUMENT PANEL - RED 3 WAY

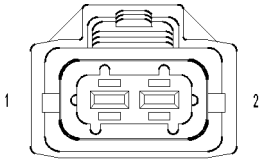
CAV	CIRCUIT	FUNCTION
1	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	Z736 18BK/YL	GROUND



**POWER OUTLET-
REAR
(SRT)**

POWER OUTLET-REAR (SRT) - BLACK 2 WAY

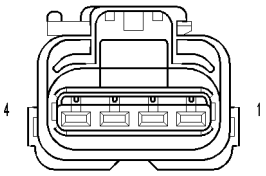
CAV	CIRCUIT	FUNCTION
1	Z737 18BK/LB	GROUND
2	F984 16PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)



**PUMP-
FUEL INJECTION
(DIESEL)**

PUMP-FUEL INJECTION (DIESEL) - 2 WAY

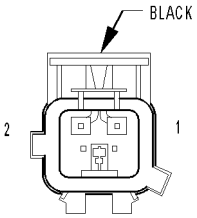
CAV	CIRCUIT	FUNCTION
1	K31 18BR	FUEL PUMP RELAY CONTROL
2	K65 18BR/LB	FUEL PUMP RELAY RETURN



**PUMP-
LEAK DETECTION
(SRT)**

PUMP-LEAK DETECTION (SRT) - 4 WAY

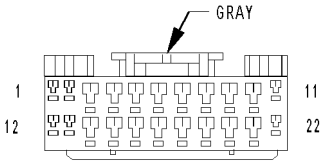
CAV	CIRCUIT	FUNCTION
1	-	-
2	K125 18BR/DG	GENERATOR SOURCE
3	K106 18VT/LB	LEAK DETECTION PUMP SOLENOID CONTROL
4	K107 18VT/WT	LEAK DETECTION PUMP SWITCH SENSE



**PUMP-
WASHER-
WINDSHIELD**

PUMP-WASHER-WINDSHIELD - BLACK 2 WAY

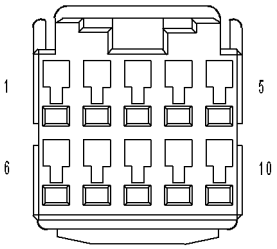
CAV	CIRCUIT	FUNCTION
1	Z945 20BK	GROUND
2	W10 20BR	WASHER PUMP MOTOR CONTROL



RADIO C1

RADIO C1 - GRAY 22 WAY

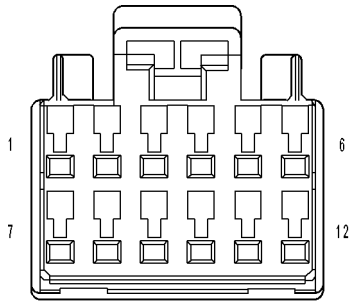
CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	E14 20OR/TN	PANEL LAMPS DRIVER
4	-	-
5	-	-
6	-	-
7	X154 18GY/YL (BASE)	RIGHT FRONT DOOR SPEAKER (+)
8	X156 18GY/LB (BASE)	RIGHT FRONT DOOR SPEAKER (-)
9	X155 18DG/LB (BASE)	LEFT FRONT DOOR SPEAKER (-)
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

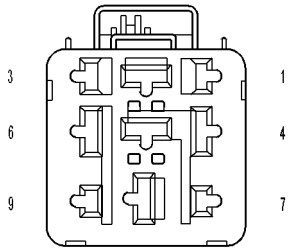
CAV	CIRCUIT	FUNCTION
1	X16 18DG/YL (EXCEPT HANDS FREE)	AUDIO SIGNAL RIGHT (+)
1	X704 18DG/YL (HANDS FREE)	RIGHT AUDIO OUTPUT
2	X917 18DG (EXCEPT HANDS FREE)	AUDIO SIGNAL COMMON
2	X795 18DG (HANDS FREE)	COMMON AUDIO OUTPUT
3	-	-
4	D25 20WT/VT (EXCEPT HANDS FREE)	PCI BUS
5	X211 18YL/GY (SATELLITE RADIO)	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

RECEIVER-SATELLITE - 12 WAY

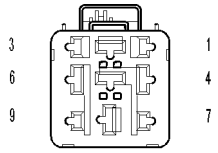
CAV	CIRCUIT	FUNCTION
1	X160 18GY/YL (QUAD CAB)	FUSED B(+)
1	X160 20GY/YL (STANDARD CAB)	FUSED B(+)
2	X211 18YL/GY (QUAD CAB)	IGNITION RUN-ACC SIGNAL
2	X211 20YL/GY (STANDARD CAB)	IGNITION RUN-ACC SIGNAL
3	Z966 18BK (EXCEPT SRT QUAD CAB)	GROUND
3	Z909 18BK (SRT QUAD CAB)	GROUND
3	Z966 20BK (STANDARD CAB)	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)

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

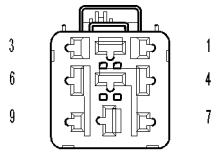
CAV	CIRCUIT	FUNCTION
1	-	-
2	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-
4	Z1 18BK	GROUND
5	-	-
6	F988C 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	-	-
8	A310 10RD/LB	FUSED B(+)
9	-	-



RELAY-RUN-ACCESSORY (SRT)

RELAY-RUN-ACCESSORY (SRT) - 9 WAY

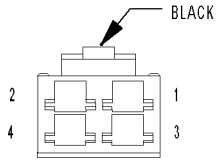
CAV	CIRCUIT	FUNCTION
1	-	-
2	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	-	-
4	Z1 18BK	GROUND
5	-	-
6	F988 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	-	-
8	A310 10RD/LB	FUSED B(+)
9	-	-



RELAY-STARTER (SRT)

RELAY-STARTER (SRT) - 9 WAY

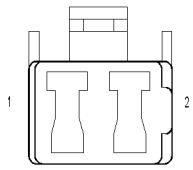
CAV	CIRCUIT	FUNCTION
1	-	-
2	T40 12YL/GY	STARTER SOLENOID FEED
3	-	-
4	T41 18YL/DB	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
5	F982 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	T141 16YL/OR	MANUAL CLUTCH INTERLOCK START FEED
7	-	-
8	F985 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	-	-



RESISTOR BLOCK-BLOWER MOTOR

RESISTOR BLOCK-BLOWER MOTOR - BLACK 4 WAY

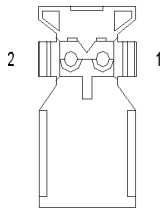
CAV	CIRCUIT	FUNCTION
1	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
2	C70 12DB/YL	BLOWER MOTOR HIGH DRIVER
3	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
4	C73 14DB/VT	BLOWER MOTOR M2 DRIVER



SEAT BELT-TENSION REDUCER-DRIVER (STANDARD CAB)

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

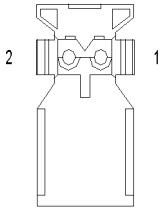
CAV	CIRCUIT	FUNCTION
1	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	G10 20VT/LG	SEAT BELT SWITCH SENSE



SEAT BELT-TENSIONER-DRIVER

SEAT BELT-TENSIONER-DRIVER - 2 WAY

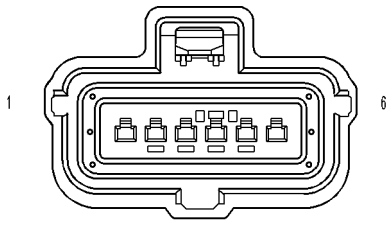
CAV	CIRCUIT	FUNCTION
1	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
2	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2



SEAT BELT-TENSIONER-PASSENGER

SEAT BELT-TENSIONER-PASSENGER - 2 WAY

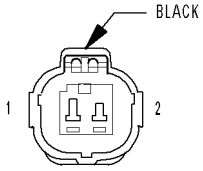
CAV	CIRCUIT	FUNCTION
1	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2
2	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1



SENSOR-ACCELERATOR PEDAL POSITION (5.7L ETC)

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

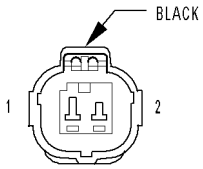
CAV	CIRCUIT	FUNCTION
1	F856 20YL/PK	5 VOLT SUPPLY
2	K29 20WT/BR	APPS NO. 2 SIGNAL
3	K400 20BR/VT	APPS NO. 2 RETURN
4	K167 20BR/YL	APPS NO. 1 RETURN
5	K23 20BR/WT	APPS NO. 1 SIGNAL
6	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-AMBIENT AIR TEMPERATURE

SENSOR-AMBIENT AIR TEMPERATURE - BLACK 2 WAY

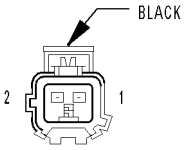
CAV	CIRCUIT	FUNCTION
1	G31 20VT/LG	AAT SIGNAL
2	G180 20VT/YL (EXCEPT NGC)	SENSOR GROUND
2	K900 20DB/DG (NGC)	SENSOR GROUND



SENSOR-BATTERY TEMPERATURE

SENSOR-BATTERY TEMPERATURE - BLACK 2 WAY

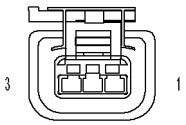
CAV	CIRCUIT	FUNCTION
1	K25 18DB/VT	BATT TEMP SIGNAL
2	K900 20DB/DG (EXCEPT SRT)	SENSOR GROUND
2	K900 18DB/DG (SRT)	SENSOR GROUND



SENSOR-BRAKE FLUID LEVEL

SENSOR-BRAKE FLUID LEVEL - BLACK 2 WAY

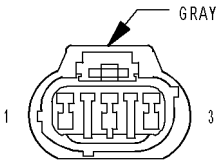
CAV	CIRCUIT	FUNCTION
1	B20 18DG/OR (EXCEPT SRT)	BRAKE FLUID LEVEL SWITCH SENSE
1	B20 20DG/OR (SRT)	BRAKE FLUID LEVEL SWITCH SENSE
2	Z420 20BK/OR	GROUND



SENSOR-CAMSHAFT POSITION (DIESEL)

SENSOR-CAMSHAFT POSITION (DIESEL) - 3 WAY

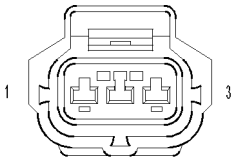
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K916 18BR/OR	SENSOR GROUND
3	K44 18DB/GY	CMP SIGNAL



SENSOR-CAMSHAFT POSITION (GAS)

SENSOR-CAMSHAFT POSITION (GAS) - GRAY 3 WAY

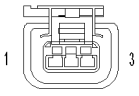
CAV	CIRCUIT	FUNCTION
1	K44 20DB/GY (EXCEPT SRT)	CMP SIGNAL
1	K44 18DB/GY (SRT)	CMP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F856 20YL/PK (EXCEPT SRT)	5 VOLT SUPPLY
3	F855 20PK/YL (SRT)	5 VOLT SUPPLY



SENSOR-CRANKSHAFT POSITION (3.7L)

SENSOR-CRANKSHAFT POSITION (3.7L) - 3 WAY

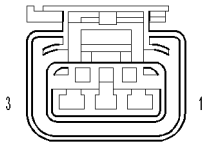
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-CRANKSHAFT POSITION (4.7L)

SENSOR-CRANKSHAFT POSITION (4.7L) - 3 WAY

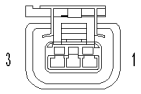
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-CRANKSHAFT POSITION (5.7L/SRT)

SENSOR-CRANKSHAFT POSITION (5.7L/SRT) - 3 WAY

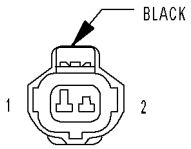
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K900 20DB/DG	SENSOR GROUND
3	K24 20BR/LB (5.7L)	CKP SIGNAL
3	K24 18BR/LB (SRT)	CKP SIGNAL



SENSOR-CRANKSHAFT POSITION (DIESEL)

SENSOR-CRANKSHAFT POSITION (DIESEL) - 3 WAY

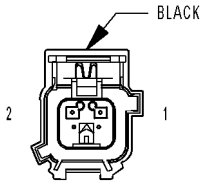
CAV	CIRCUIT	FUNCTION
1	K853 18DB/BR	5 VOLT SUPPLY
2	K975 18BR/OR	SENSOR GROUND
3	K24 18LB/BR	CKP SIGNAL



SENSOR-ENGINE COOLANT TEMPERATURE (3.7L/4.7L)

SENSOR-ENGINE COOLANT TEMPERATURE (3.7L/4.7L) - BLACK 2 WAY

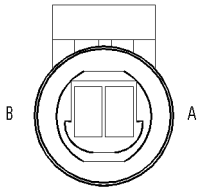
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	K2 18VT/OR	ECT SIGNAL



SENSOR-ENGINE COOLANT TEMPERATURE (5.7L/SRT)

SENSOR-ENGINE COOLANT TEMPERATURE (5.7L/SRT) - BLACK 2 WAY

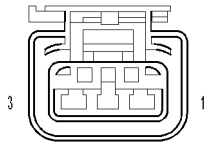
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG (5.7L)	SENSOR GROUND
1	K2 18VT/OR (SRT)	ECT SIGNAL
2	K2 18VT/OR (5.7L)	ECT SIGNAL
2	K900 20DB/DG (SRT)	SENSOR GROUND



SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL)

SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL) - 2 WAY

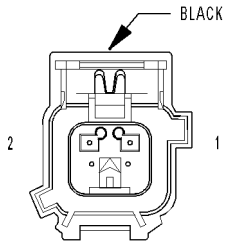
CAV	CIRCUIT	FUNCTION
A	K914 18RD/WT	SENSOR GROUND
B	K2 18TN/BK	ECT SIGNAL



**SENSOR-
ENGINE
OIL
PRESSURE
(SRT)**

SENSOR-ENGINE OIL PRESSURE (SRT) - 3 WAY

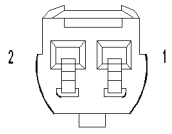
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	G6 18VT/GY	OIL PRESSURE SIGNAL
3	K900 20DB/DG	SENSOR GROUND



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

SENSOR-ENGINE OIL TEMPERATURE (SRT) - BLACK 2 WAY

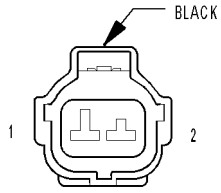
CAV	CIRCUIT	FUNCTION
1	G127 20VT/DB	OIL TEMPERATURE GAUGE SIGNAL
2	Z1 18BK	GROUND



**SENSOR-
EVAPORATOR
TEMPERATURE**

SENSOR-EVAPORATOR TEMPERATURE - 2 WAY

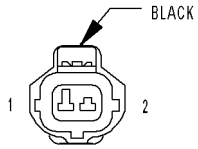
CAV	CIRCUIT	FUNCTION
1	C121 20DB/DG	SENSOR GROUND
2	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL



**SENSOR-
INPUT SPEED
(RFE)**

SENSOR-INPUT SPEED (RFE) - BLACK 2 WAY

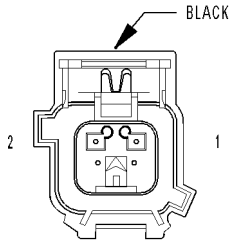
CAV	CIRCUIT	FUNCTION
1	T52 18DG/OR	INPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



**SENSOR-
INTAKE AIR
TEMPERATURE
(NGC)**

SENSOR-INTAKE AIR TEMPERATURE (NGC) - BLACK 2 WAY

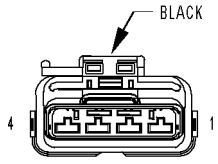
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	K21 18DB/LG	IAT SIGNAL



**SENSOR-
INTAKE AIR
TEMPERATURE
(SRT)**

SENSOR-INTAKE AIR TEMPERATURE (SRT) - BLACK 2 WAY

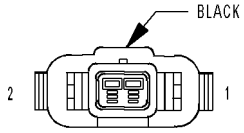
CAV	CIRCUIT	FUNCTION
1	K21 18 DB/LG	IAT SIGNAL
2	K900 20DB/DG	SENSOR GROUND



**SENSOR-
KNOCK
(3.7L/4.7L)**

SENSOR-KNOCK (3.7L/4.7L) - BLACK 4 WAY

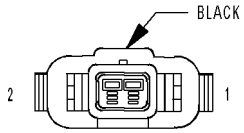
CAV	CIRCUIT	FUNCTION
1	K42 18DB/YL (3.7L)	KNOCK SENSOR NO. 1 SIGNAL
1	K942 18BR/LG (4.7L)	KNOCK SENSOR NO. 1 RETURN
2	K942 18BR/LG (3.7L)	KNOCK SENSOR NO. 1 RETURN
2	K42 18DB/YL (4.7L)	KNOCK SENSOR NO. 1 SIGNAL
3	K242 18BR/WT (3.7L)	KNOCK SENSOR NO. 2 SIGNAL
3	K924 18WT/BR (4.7L)	KNOCK SENSOR NO. 2 RETURN
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)**

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)**

SENSOR-KNOCK NO. 2 (5.7L/SRT) - BLACK 2 WAY

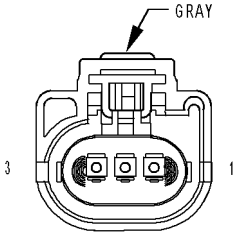
CAV	CIRCUIT	FUNCTION
1	K242 18BR/WT	KNOCK SENSOR NO. 2 SIGNAL
2	K924 18WT/BR (5.7L)	KNOCK SENSOR NO. 2 RETURN
2	K900 18DB/DG (SRT)	SENSOR GROUND



**SENSOR-
LINE PRESSURE
(RFE)**

SENSOR-LINE PRESSURE (RFE) - 4 WAY

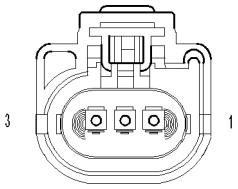
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	F856 18YL/PK	5 VOLT SUPPLY
3	T38 18YL/BR	LINE PRESSURE SENSOR SIGNAL
4	-	-



**SENSOR-
MAP
(NGC)**

SENSOR-MAP (NGC) - GRAY 3 WAY

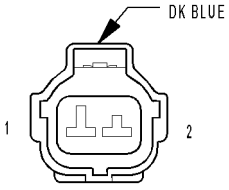
CAV	CIRCUIT	FUNCTION
1	K1 18VT/BR	MAP SIGNAL
2	K900 20DB/DG (3.7L/4.7L)	SENSOR GROUND
2	K900 18DB/DG (5.7L)	SENSOR GROUND
3	F856 18YL/PK	5 VOLT SUPPLY



**SENSOR-
MAP
(SRT)**

SENSOR-MAP (SRT) - 3 WAY

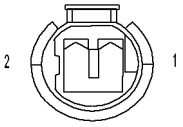
CAV	CIRCUIT	FUNCTION
1	K1 18VT/BR	MAP SENSOR SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-
OUTPUT SPEED
(RFE)**

SENSOR-OUTPUT SPEED (RFE) - DK BLUE 2 WAY

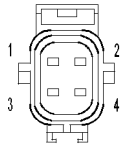
CAV	CIRCUIT	FUNCTION
1	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



**SENSOR-
OUTPUT SPEED
(RE)**

SENSOR-OUTPUT SPEED (RE) - 2 WAY

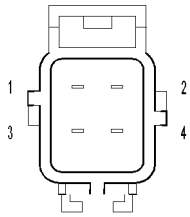
CAV	CIRCUIT	FUNCTION
1	T14 18DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 18DG/VT	SPEED SENSOR GROUND



SENSOR-OXYGEN-LEFT FRONT (3.7L/5.7L)

SENSOR-OXYGEN-LEFT FRONT (3.7L/5.7L) - BLACK 4 WAY

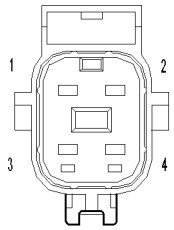
CAV	CIRCUIT	FUNCTION
1	K99 18BR/LG	O2 1/1 HEATER CONTROL
2	Z42 18BK/LG	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K41 18DB/LB	O2 1/1 SIGNAL



SENSOR-OXYGEN-LEFT FRONT (4.7L)

SENSOR-OXYGEN-LEFT FRONT (4.7L) - 4 WAY

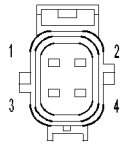
CAV	CIRCUIT	FUNCTION
1	K99 18BR/LG	O2 1/1 HEATER CONTROL
2	Z42 18BK/LG	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K41 18DB/LB	O2 1/1 SIGNAL



SENSOR-OXYGEN-LEFT FRONT (SRT)

SENSOR-OXYGEN-LEFT FRONT (SRT) - 4 WAY

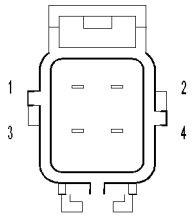
CAV	CIRCUIT	FUNCTION
1	K343 16BR/YL	FUSED ASD RELAY OUTPUT
2	K99 18BR/LG	O2 1/1 HEATER CONTROL
3	K900 20DB/DG	SENSOR GROUND
4	K41 18DB/LB	O2 1/1 SIGNAL



SENSOR-OXYGEN-LEFT REAR (3.7L/5.7L LD)

SENSOR-OXYGEN-LEFT REAR (3.7L/5.7L LD) - 4 WAY

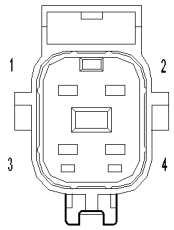
CAV	CIRCUIT	FUNCTION
1	K299 18BR/WT	O2 1/2 HEATER CONTROL
2	Z43 18BK/LB	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K141 18DB/YL	O2 1/2 SIGNAL



SENSOR-OXYGEN-LEFT REAR (4.7L)

SENSOR-OXYGEN-LEFT REAR (4.7L) - 4 WAY

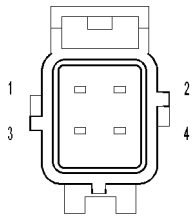
CAV	CIRCUIT	FUNCTION
1	K299 18BR/WT	O2 1/2 HEATER CONTROL
2	Z43 18BK/LB	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K141 18DB/YL	O2 1/2 SIGNAL



SENSOR-OXYGEN-LEFT REAR (5.7L HD)

SENSOR-OXYGEN-LEFT REAR (5.7L HD) - 4 WAY

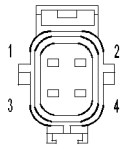
CAV	CIRCUIT	FUNCTION
1	K299 18BR/WT	O2 1/2 HEATER CONTROL
2	Z43 18BK/LB	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K141 18DB/YL	O2 1/2 SIGNAL



SENSOR-OXYGEN-LEFT REAR (SRT)

SENSOR-OXYGEN-LEFT REAR (SRT) - 4 WAY

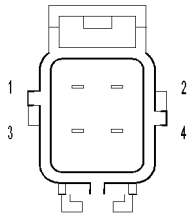
CAV	CIRCUIT	FUNCTION
1	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
2	Z1 18BK	GROUND
3	K900 20DB/DG	SENSOR GROUND
4	K141 18DB/YL	O2 1/2 SIGNAL



SENSOR-OXYGEN-RIGHT FRONT (3.7L/5.7L)

SENSOR-OXYGEN-RIGHT FRONT (3.7L/5.7L) - 4 WAY

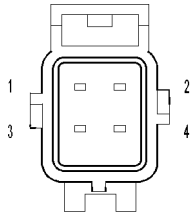
CAV	CIRCUIT	FUNCTION
1	K199 18BR/VT	O2 2/1 HEATER CONTROL
2	Z934 18BK	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K43 18DB/LG	O2 2/1 SIGNAL



SENSOR-OXYGEN-RIGHT FRONT (4.7L)

SENSOR-OXYGEN-RIGHT FRONT (4.7L) - 4 WAY

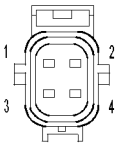
CAV	CIRCUIT	FUNCTION
1	K199 18BR/VT	O2 2/1 HEATER CONTROL
2	Z934 18BK	GROUND
3	K902 18BR/DG	O2 RETURN (UP)
4	K43 18DB/LG	O2 2/1 SIGNAL



SENSOR-OXYGEN-RIGHT FRONT (SRT)

SENSOR-OXYGEN-RIGHT FRONT (SRT) - 4 WAY

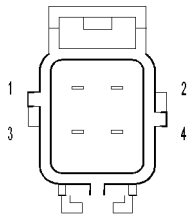
CAV	CIRCUIT	FUNCTION
1	K343 16BR/YL	FUSED ASD RELAY OUTPUT
2	K199 18BR/VT	O2 2/1 HEATER CONTROL
3	K900 20DB/DG	SENSOR GROUND
4	K43 18DB/LG	O2 2/1 SIGNAL



SENSOR-OXYGEN-RIGHT REAR (3.7L/5.7L LD)

SENSOR-OXYGEN-RIGHT REAR (3.7L/5.7L LD) - 4 WAY

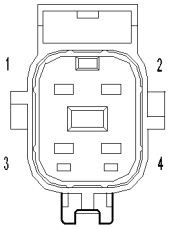
CAV	CIRCUIT	FUNCTION
1	K399 18BR/GY	O2 2/2 HEATER CONTROL
2	Z992 18BK	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K243 18BR	O2 2/2 SIGNAL



SENSOR-OXYGEN-RIGHT REAR (4.7L)

SENSOR-OXYGEN-RIGHT REAR (4.7L) - 4 WAY

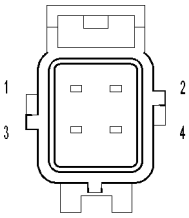
CAV	CIRCUIT	FUNCTION
1	K399 18BR/GY	O2 2/2 HEATER CONTROL
2	Z992 18BK	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K243 18BR	O2 2/2 SIGNAL



SENSOR-OXYGEN-RIGHT REAR (5.7L HD)

SENSOR-OXYGEN-RIGHT REAR (5.7L HD) - 4 WAY

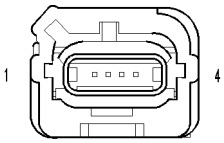
CAV	CIRCUIT	FUNCTION
1	K399 18BR/GY	O2 2/2 HEATER CONTROL
2	Z992 18BK	GROUND
3	K904 18DB/DG	O2 RETURN (DOWN)
4	K243 18BR	O2 2/2 SIGNAL



SENSOR-OXYGEN-RIGHT REAR (SRT)

SENSOR-OXYGEN-RIGHT REAR (SRT) - 4 WAY

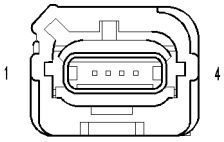
CAV	CIRCUIT	FUNCTION
1	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
2	Z1 18BK	GROUND
3	K900 20DB/DG	SENSOR GROUND
4	K243 18BR	O2 2/2 SIGNAL



SENSOR-SIDE IMPACT-LEFT 1

SENSOR-SIDE IMPACT-LEFT 1 - 4 WAY

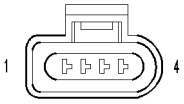
CAV	CIRCUIT	FUNCTION
1	R13 20LG/TN	LEFT SIDE IMPACT SENSOR 1 SIGNAL
2	R15 20LG/BR	LEFT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



SENSOR-SIDE IMPACT-RIGHT 1

SENSOR-SIDE IMPACT-RIGHT 1 - 4 WAY

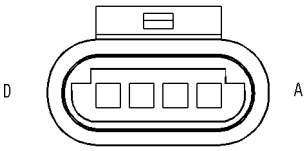
CAV	CIRCUIT	FUNCTION
1	R14 20TN/LG	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
2	R16 20BR/LG	RIGHT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



**SENSOR-
TEMPERATURE/
PRESSURE
INTAKE
(DIESEL)**

SENSOR-TEMPERATURE/PRESSURE-INTAKE (DIESEL) - 4 WAY

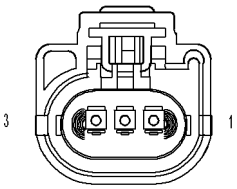
CAV	CIRCUIT	FUNCTION
1	K690 18DG/YL	SENSOR GROUND
2	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
3	K668 18LG	5 VOLT SUPPLY
4	K616 18BR/YL	INLET AIR PRESSURE SENSE



**SENSOR-
TEMPERATURE/
PRESSURE-
MAP
(DIESEL)**

SENSOR-TEMPERATURE/PRESSURE-MAP (DIESEL) - 4 WAY

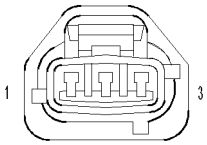
CAV	CIRCUIT	FUNCTION
A	K916 18BR/OR	SENSOR GROUND
B	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
C	F855 18PK/YL	5 VOLT SUPPLY
D	K37 18LB	BOOST PRESSURE SENSOR SIGNAL



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

SENSOR-THROTTLE POSITION (3.7L) - 3 WAY

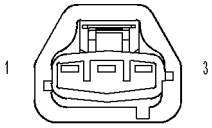
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K900 18DB/DG	SENSOR GROUND
3	K22 18BR/OR	TP NO. 1 SIGNAL



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

SENSOR-THROTTLE POSITION (4.7L) - 3 WAY

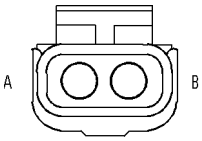
CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K22 18BR/OR	TP NO. 1 SIGNAL
3	K900 18DB/DG	SENSOR GROUND



**SENSOR-
THROTTLE
POSITION
(SRT)**

SENSOR-THROTTLE POSITION (SRT) - 3 WAY

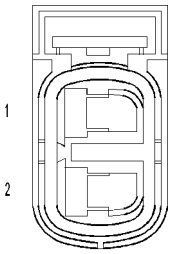
CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG	SENSOR GROUND
2	K22 18BR/OR	THROTTLE POSITION SENSOR SIGNAL
3	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON)

SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON) - 2 WAY

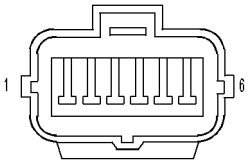
CAV	CIRCUIT	FUNCTION
A	K77 18BR/WT	TRANSFER CASE POSITION SENSE
B	Z901 18BK	GROUND



SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON)

SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON) - 2 WAY

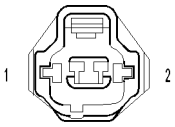
CAV	CIRCUIT	FUNCTION
1	K77 18BR/WT	TRANSFER CASE POSITION SENSE
2	T525 18YL/DB	TRANSFER CASE RETURN



SENSOR-TRANSMISSION RANGE (RE)

SENSOR-TRANSMISSION RANGE (RE) - 6 WAY

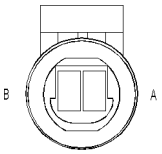
CAV	CIRCUIT	FUNCTION
1	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
3	-	-
4	L1 18WT/LG	BACKUP LAMP FEED
5	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
6	T41 20YL/DB (EXCEPT SRT)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
6	T41 18YL/DB (SRT)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)



SENSOR-WASHER FLUID LEVEL

SENSOR-WASHER FLUID LEVEL - 2 WAY

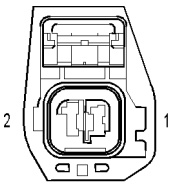
CAV	CIRCUIT	FUNCTION
1	Z932 20BK	GROUND
2	W1 20BR/TN	WASHER FLUID SWITCH SENSE



**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

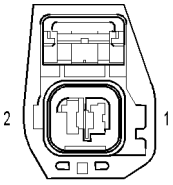
CAV	CIRCUIT	FUNCTION
1	B8 18DG/TN (5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
1	B8 20DG/TN (EXCEPT 5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B9 18DG/LG (5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B9 20DG/LG (EXCEPT 5.7L HD RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)



**SENSOR-
WHEEL SPEED-
ABS-REAR**

SENSOR-WHEEL SPEED-ABS-REAR - 2 WAY

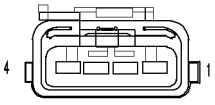
CAV	CIRCUIT	FUNCTION
1	B3 18DG/YL	REAR WHEEL SPEED SENSOR (-)
2	B4 18DG/GY	REAR WHEEL SPEED SENSOR (+)



**SENSOR-
WHEEL SPEED-
ABS-RIGHT
FRONT**

SENSOR-WHEEL SPEED-ABS-RIGHT FRONT - 2 WAY

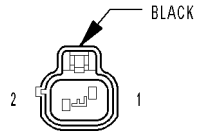
CAV	CIRCUIT	FUNCTION
1	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)
2	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)



**SERVO-
SPEED CONTROL
(GAS EXCEPT 5.7L)**

SERVO-SPEED CONTROL (GAS EXCEPT 5.7L) - 4 WAY

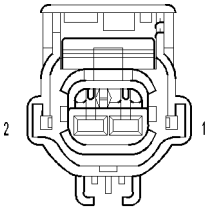
CAV	CIRCUIT	FUNCTION
1	V36 20VT/YL (EXCEPT SRT)	S/C VACUUM SOL CONTROL
1	V36 18VT/YL (SRT)	S/C VACUUM SOL CONTROL
2	V35 20VT/OR (EXCEPT SRT)	S/C VENT SOL CONTROL
2	V35 18VT/OR (SRT)	S/C VENT SOL CONTROL
3	V30 20VT/WT	S/C BRAKE SWITCH OUTPUT
4	Z913 20BK	GROUND



**SOLENOID-
BRAKE
TRANSMISSION
SHIFT INTERLOCK**

SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK - BLACK 2 WAY

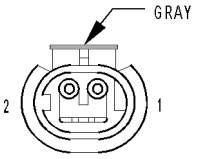
CAV	CIRCUIT	FUNCTION
1	K32 18DB/YL	BTSI SOLENOID CONTROL
2	Z101 18BK/VT	GROUND



**SOLENOID-
EVAP/
PURGE
(NGC)**

SOLENOID-EVAP/PURGE (NGC) - 2 WAY

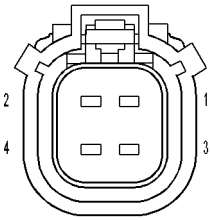
CAV	CIRCUIT	FUNCTION
1	K52 18DB/WT	EVAP PURGE SOL CONTROL
2	K70 18DB/BR	EVAP PURGE SOL SIGNAL



**SOLENOID-
EVAP/
PURGE
(SRT)**

SOLENOID-EVAP/PURGE (SRT) - GRAY 2 WAY

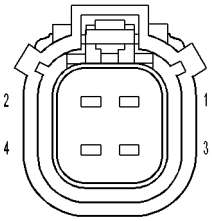
CAV	CIRCUIT	FUNCTION
1	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	K70 18DB/BR	EVAP PURGE RETURN



**SOLENOID-
LOCKER-
FRONT
(5.7L OFF ROAD)**

SOLENOID-LOCKER-FRONT (5.7L OFF ROAD) - 4 WAY

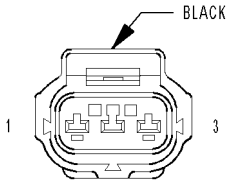
CAV	CIRCUIT	FUNCTION
1	T520 16YL/OR	FRONT LOCKER SOURCE
2	T521 18YL/GY	LOCKER SENSOR SUPPLY
3	T522 18YL/LB	FRONT LOCKER SENSOR SENSE
4	T524 16YL/LG	FRONT LOCKER RETURN



**SOLENOID-
LOCKER-
REAR
(POWER WAGON)**

SOLENOID-LOCKER-REAR (POWER WAGON) - 4 WAY

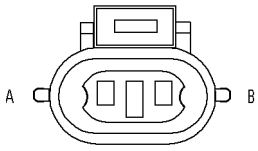
CAV	CIRCUIT	FUNCTION
1	T526 16YL/WT	REAR LOCKER SOURCE
2	T521 18YL/GY	LOCKER SENSOR SUPPLY
3	T527 18YL/TN	REAR LOCKER SENSOR SENSE
4	T528 16YL/GY	REAR LOCKER RETURN



**SOLENOID-
RADIATOR FAN
(SRT)**

SOLENOID-RADIATOR FAN (SRT) - BLACK 3 WAY

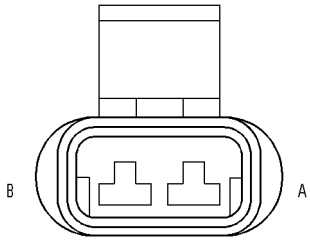
CAV	CIRCUIT	FUNCTION
1	C240 18LB/TN	HYDRAULIC COOLING CONTROL FEED
2	K342 16BR/WT	ASD RELAY OUTPUT
3	Z1 18BK	GROUND



**SOLENOID-
REVERSE
LOCK-OUT
(SRT M/T)**

SOLENOID-REVERSE LOCK-OUT (SRT M/T) - 2 WAY

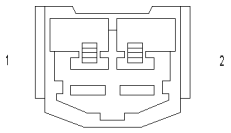
CAV	CIRCUIT	FUNCTION
A	A917 18RD	FUSED B(+)
B	K333 18DB/LB	SOLENOID REVERSE LOCKOUT FEED



**SOLENOID-
WASTEGATE
(DIESEL)**

SOLENOID-WASTEGATE (DIESEL) - 2 WAY

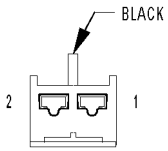
CAV	CIRCUIT	FUNCTION
A	K139 18DB	WASTEGATE SOLENOID CONTROL
B	F504 18GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)



**SPEAKER-
INSTRUMENT
PANEL-
CENTER
(PREMIUM)**

SPEAKER-INSTRUMENT PANEL-CENTER (PREMIUM) - 2 WAY

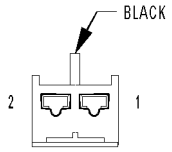
CAV	CIRCUIT	FUNCTION
1	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
2	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)



**SPEAKER-
INSTRUMENT
PANEL-
LEFT**

SPEAKER-INSTRUMENT PANEL-LEFT - BLACK 2 WAY

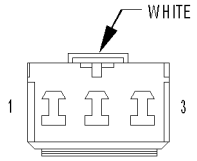
CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)



SPEAKER-INSTRUMENT PANEL-RIGHT

SPEAKER-INSTRUMENT PANEL-RIGHT - BLACK 2 WAY

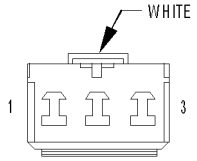
CAV	CIRCUIT	FUNCTION
1	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
2	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)



SPEAKER-LEFT FRONT DOOR

SPEAKER-LEFT FRONT DOOR - WHITE 3 WAY

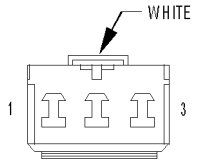
CAV	CIRCUIT	FUNCTION
1	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
2	-	-
3	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)



SPEAKER-LEFT REAR

SPEAKER-LEFT REAR - WHITE 3 WAY

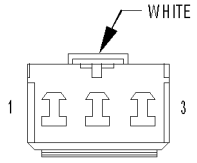
CAV	CIRCUIT	FUNCTION
1	X205 18GY/LG	LEFT REAR SPEAKER (+)
2	-	-
3	X295 18GY/DG	LEFT REAR SPEAKER (-)



SPEAKER-RIGHT FRONT DOOR

SPEAKER-RIGHT FRONT DOOR - WHITE 3 WAY

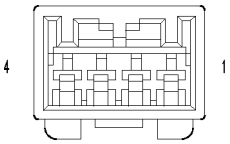
CAV	CIRCUIT	FUNCTION
1	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
2	-	-
3	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)



SPEAKER-RIGHT REAR

SPEAKER-RIGHT REAR - WHITE 3 WAY

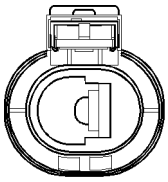
CAV	CIRCUIT	FUNCTION
1	X206 18DG/LG	RIGHT REAR SPEAKER (+)
2	-	-
3	X296 18DG/GY	RIGHT REAR SPEAKER (-)



SPEAKER-SUBWOOFER (SRT)

SPEAKER-SUBWOOFER (SRT) - 4 WAY

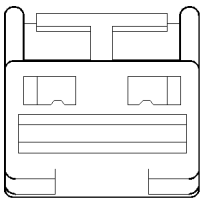
CAV	CIRCUIT	FUNCTION
1	X390 16DG/BR	AMPLIFIED SUBWOOFER 1 (-)
2	X300 16GY/BR	AMPLIFIED SUBWOOFER 1 (+)
3	X391 16DG/WT	AMPLIFIED SUBWOOFER 2 (-)
4	X301 16GY/WT	AMPLIFIED SUBWOOFER 2 (+)



STARTER (3.7L/4.7L/5.7L OFF ROAD)

STARTER (3.7L/4.7L/5.7L OFF ROAD) - 1 WAY

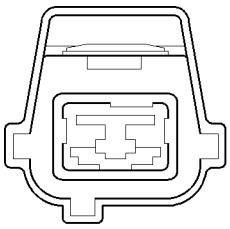
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT



STARTER (5.7L EXCEPT OFF ROAD)

STARTER (5.7L EXCEPT OFF ROAD) - 1 WAY

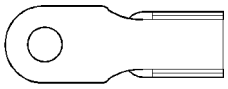
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT



STARTER (DIESEL)

STARTER (DIESEL) - 1 WAY

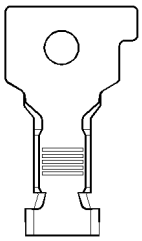
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR RELAY OUTPUT



STARTER-EYELET (DIESEL)

STARTER-EYELET (DIESEL) - 1 WAY

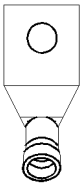
CAV	CIRCUIT	FUNCTION
1	A8 0RD	B(+)



STARTER-EYELET (3.7L/4.7L/5.7L OFF ROAD/SRT)

STARTER-EYELET (3.7L/4.7L/5.7L OFF ROAD/SRT) - 1 WAY

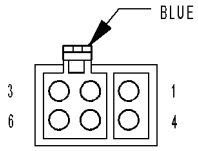
CAV	CIRCUIT	FUNCTION
1	A8 06RD	B(+)



STARTER-EYELET (5.7L)

STARTER-EYELET (5.7L) - 1 WAY

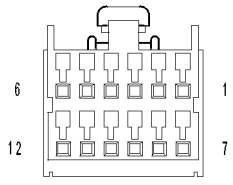
CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)



SWITCH-ADJUSTABLE PEDALS (EXCEPT BASE)

SWITCH-ADJUSTABLE PEDALS (EXCEPT BASE) - BLUE 6 WAY

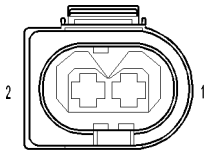
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REARWARD
2	A72 18RD/OR	ADJUSTABLE PEDALS RELAY OUTPUT
3	-	-
4	Z146 18BK	GROUND
5	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
6	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



SWITCH-AXLE LOCK (SMART BAR)

SWITCH-AXLE LOCK (SMART BAR) - 12 WAY

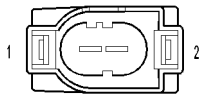
CAV	CIRCUIT	FUNCTION
1	T537 20YL/LG	LOCKER SWITCH SUPPLY
2	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
3	-	-
4	-	-
5	T535 20YL/BR	LOCKER SWITCH SENSE
6	E11 20OR/DB	PANEL LAMPS DRIVER
7	T536 20YL/WT	SWITCH SUPPLY
8	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
9	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
10	-	-
11	Z952 20BK	GROUND
12	-	-



**SWITCH-
BACK UP
LAMP
(3.7L/4.7L)**

SWITCH-BACK UP LAMP (3.7L/4.7L) - 2 WAY

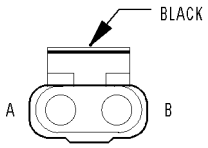
CAV	CIRCUIT	FUNCTION
1	L1 18WT/LG	BACKUP LAMP FEED
2	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACK UP
LAMP
(G56)**

SWITCH-BACK UP LAMP (G56) - 2 WAY

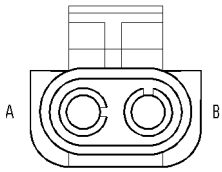
CAV	CIRCUIT	FUNCTION
1	L1 18WT/LG	BACKUP LAMP FEED
2	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACK UP
LAMP
(5.7L NV5600)**

SWITCH-BACK UP LAMP (5.7L NV5600) - BLACK 2 WAY

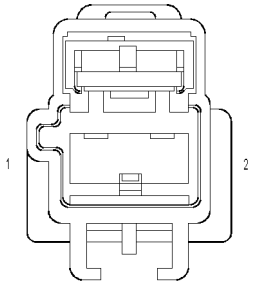
CAV	CIRCUIT	FUNCTION
A	L1 18WT/LG	BACKUP LAMP FEED
B	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACK UP
LAMP
(SRT M/T)**

SWITCH-BACK UP LAMP (SRT M/T) - 2 WAY

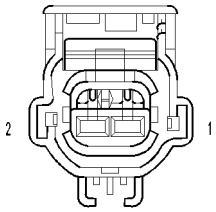
CAV	CIRCUIT	FUNCTION
A	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
B	L1 18WT/LG	BACKUP LAMP FEED



**SWITCH-
CLUTCH
INTERLOCK
(M/T)**

SWITCH-CLUTCH INTERLOCK (M/T) - 2 WAY

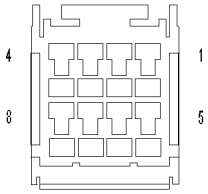
CAV	CIRCUIT	FUNCTION
1	T41 20YL/DB (EXCEPT SRT)	TRS T41 SENSE
1	T41 16YL/DB (SRT)	PARK NEUTRAL POSITION SWITCH SENSE (T41)
2	Z911 18BK (EXCEPT SRT)	GROUND
2	Z1 16BK (SRT)	GROUND



**SWITCH-
CYLINDER LOCK-
DRIVER
(SRT)**

SWITCH-CYLINDER LOCK-DRIVER (SRT) - 2 WAY

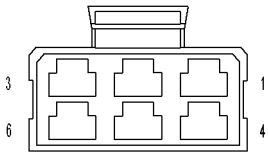
CAV	CIRCUIT	FUNCTION
1	G163 20VT/LB	DRIVER CYLINDER LOCK SWITCH MUX
2	Z463 20BK/LB	GROUND



**SWITCH-
DISCONNECTING
STABILIZER BAR
(SMART BAR)**

SWITCH-DISCONNECTING STABILIZER BAR (SMART BAR) - 8 WAY

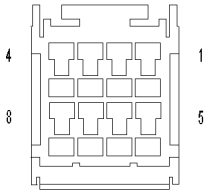
CAV	CIRCUIT	FUNCTION
1	E11 20OR/DB	PANEL LAMPS DRIVER
2	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
3	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
4	Z952 20BK	GROUND
5	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
6	-	-
7	-	-
8	T536 20YL/WT	SWITCH SUPPLY



**SWITCH-
DOOR LOCK-
PASSENGER**

SWITCH-DOOR LOCK-PASSENGER - 6 WAY

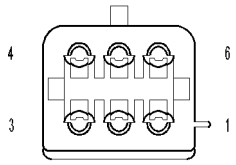
CAV	CIRCUIT	FUNCTION
1	G160 20VT/LG	PASSENGER DOOR LOCK SWITCH MUX
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	-	-
5	Z461 20BK/DG	GROUND
6	-	-



**SWITCH-
HEADLAMP**

SWITCH-HEADLAMP - 8 WAY

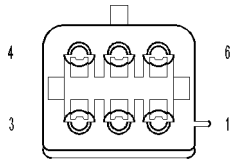
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	E19 20OR/BR	HEADLAMP SWITCH DIMMER SIGNAL
4	Z407 20BK/OR	GROUND
5	L89 20WT/YL (FOG LAMPS EXCEPT SRT)	FOG LAMP RELAY OUTPUT
5	L89 18WT/YL (FOG LAMPS SRT)	FOG LAMP RELAY OUTPUT
6	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
7	L115 20WT/YL	HEADLAMP SWITCH RETURN
8	L116 20WT/LG	HEADLAMP SWITCH SIGNAL



**SWITCH-
HEATED SEAT-
DRIVER**

SWITCH-HEATED SEAT-DRIVER - 6 WAY

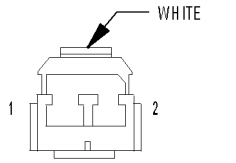
CAV	CIRCUIT	FUNCTION
1	P81 20TN/LB	DRIVER SEAT LOW HEAT LED DRIVER
2	P301 20LG/OR	HEATED SEAT SWITCH ILLUMINATION DRIVER
3	Z301 20TN/BK	GROUND
4	P85 20LG/WT	HEATED SEAT SWITCH SUPPLY
5	P83 20TN/WT	DRIVER SEAT HIGH HEAT LED DRIVER
6	P7 20LG/DG	DRIVER SEAT HEATER MUX SWITCH



**SWITCH-
HEATED SEAT-
PASSENGER**

SWITCH-HEATED SEAT-PASSENGER - 6 WAY

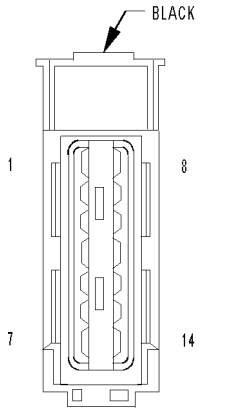
CAV	CIRCUIT	FUNCTION
1	P82 20TN/DG	PASSENGER SEAT LOW HEAT LED DRIVER
2	P301 20LG/OR	HEATED SEAT SWITCH ILLUMINATION DRIVER
3	Z302 20LG/BK	GROUND
4	P85 20LG/WT	HEATED SEAT SWITCH SUPPLY
5	P84 20TN/VT	PASSENGER SEAT HIGH HEAT LED DRIVER
6	P8 20LG/WT	PASSENGER SEAT HEATER MUX SWITCH



**SWITCH-
HORN**

SWITCH-HORN - WHITE 2 WAY

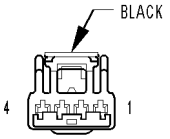
CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	-	-



**SWITCH-
IGNITION**

SWITCH-IGNITION - BLACK 14 WAY

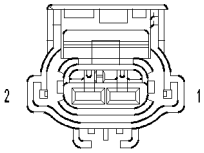
CAV	CIRCUIT	FUNCTION
1	A970 10RD (EXCEPT SRT)	FUSED B(+)
1	F988 18PK/YL (SRT)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	F1 16PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
3	F951 16PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	A951 16RD	FUSED B(+)
5	G15 20VT/TN	KEY-IN IGNITION SWITCH SENSE
6	Z943 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-MULTIFUCTION

SWITCH-MULTIFUNCTION - BLACK 4 WAY

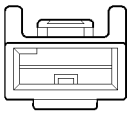
CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
3	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
4	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL



SWITCH-OIL PRESSURE (EXCEPT SRT)

SWITCH-OIL PRESSURE (EXCEPT SRT) - 2 WAY

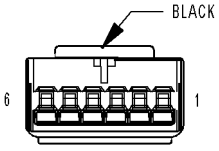
CAV	CIRCUIT	FUNCTION
1	G6 18VT/GY	OIL PRESSURE SIGNAL
2	-	-



SWITCH-PARKING BRAKE

SWITCH-PARKING BRAKE - 1 WAY

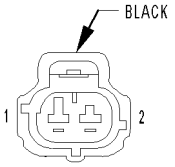
CAV	CIRCUIT	FUNCTION
1	B25 20DG/WT	PARK BRAKE SWITCH SENSE



SWITCH-PASSENGER AIRBAG ON/OFF

SWITCH-PASSENGER AIRBAG ON/OFF - BLACK 6 WAY

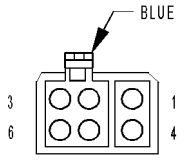
CAV	CIRCUIT	FUNCTION
1	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
2	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
3	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
4	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	-	-
6	-	-



SWITCH-POWER STEERING PRESSURE (5.7L)

SWITCH-POWER STEERING PRESSURE (5.7L) - BLACK 2 WAY

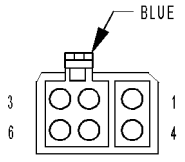
CAV	CIRCUIT	FUNCTION
1	Z988 20BK	GROUND
2	K66 18DB/WT	P/S SWITCH SIGNAL



SWITCH-POWER WINDOW-LEFT REAR

SWITCH-POWER WINDOW-LEFT REAR - BLUE 6 WAY

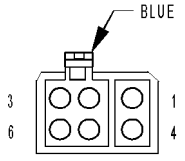
CAV	CIRCUIT	FUNCTION
1	Q111 14TN/YL	DRIVER REAR WINDOW DRIVER (UP)
2	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q211 14TN/LB	DRIVER REAR WINDOW DRIVER (DOWN)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED



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

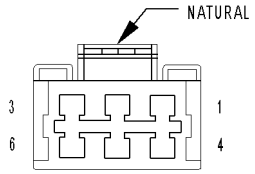
SWITCH-POWER WINDOW-RIGHT REAR - BLUE 6 WAY

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

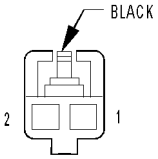
CAV	CIRCUIT	FUNCTION
1	G113 18VT	PTO SWITCH SENSE



SWITCH-PUSH-BUTTON STARTER (SRT)

SWITCH-PUSH-BUTTON STARTER (SRT) - NATURAL 6 WAY

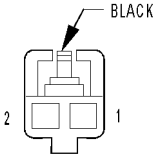
CAV	CIRCUIT	FUNCTION
1	-	-
2	F951 16PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	T141 16YL/OR	MANUAL CLUTCH INTERLOCK START FEED
4	-	-
5	-	-
6	-	-



SWITCH-REMOTE RADIO-LEFT

SWITCH-REMOTE RADIO-LEFT - BLACK 2 WAY

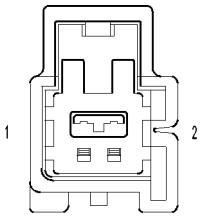
CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	Z909 22BK	GROUND



SWITCH-REMOTE RADIO-RIGHT

SWITCH-REMOTE RADIO-RIGHT - BLACK 2 WAY

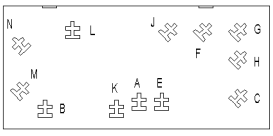
CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	Z909 22BK	GROUND



SWITCH-SEAT BELT-DRIVER

SWITCH-SEAT BELT-DRIVER - 2 WAY

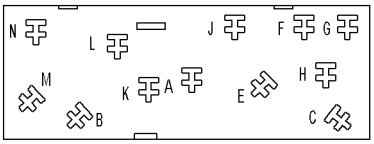
CAV	CIRCUIT	FUNCTION
1	Z951 20BK (EXCEPT SRT)	GROUND
1	Z951 18BK (SRT)	GROUND
2	G10 20VT/LG	SEAT BELT SWITCH SENSE



SWITCH-SEAT-DRIVER

SWITCH-SEAT-DRIVER - 12 WAY

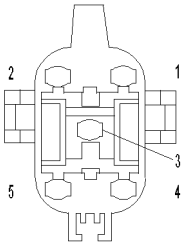
CAV	CIRCUIT	FUNCTION
A	A210 12OR/RD	FUSED B(+)
B	Z939 14BK	GROUND
C	P105 12LG	DRIVER SEAT LUMBAR MOTOR FORWARD DRIVER
D	-	-
E	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
F	P107 12LG/WT	DRIVER SEAT LUMBAR MOTOR REARWARD DRIVER
G	Z939 14BK	GROUND
H	A210 12OR/RD	FUSED B(+)
I	-	-
J	P13 12LG/OR	DRIVER SEAT REAR 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

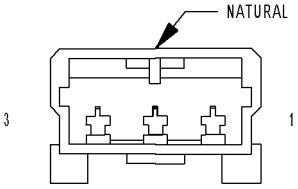
CAV	CIRCUIT	FUNCTION
A	A210 12OR/RD	FUSED B(+)
B	Z939 14BK	GROUND
C	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER
D	-	-
E	A210 12OR/RD	FUSED B(+)
F	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
G	Z939 14BK	GROUND
H	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER
I	-	-
J	P10 12LG/TN	PASSENGER 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

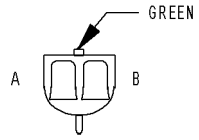
CAV	CIRCUIT	FUNCTION
1	Z939 14BK	GROUND
2	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER
3	A210 12OR/RD	FUSED B(+)
4	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
5	Z939 14BK	GROUND



SWITCH-SPEED CONTROL-LEFT (ETC)

SWITCH-SPEED CONTROL-LEFT (ETC) - NATURAL 3 WAY

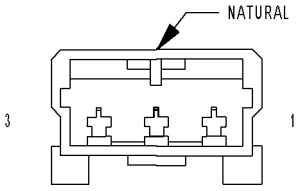
CAV	CIRCUIT	FUNCTION
1	V38 20VT/OR (5.7L/DIESEL)	S/C SWITCH NO. 2 SIGNAL
2	V937 20VT/BR	S/C SWITCH RETURN
3	V37 20VT	S/C SWITCH NO. 1 SIGNAL



**SWITCH-
SPEED CONTROL-
LEFT
(EXCEPT ETC)**

SWITCH-SPEED CONTROL-LEFT (EXCEPT ETC) - GREEN 2 WAY

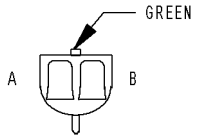
CAV	CIRCUIT	FUNCTION
A	V37 20VT	S/C SWITCH NO. 1 SIGNAL
B	K900 20VT/BR	SENSOR GROUND



**SWITCH-
SPEED CONTROL-
RIGHT
(ETC)**

SWITCH-SPEED CONTROL-RIGHT (ETC) - NATURAL 3 WAY

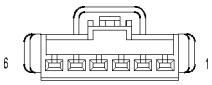
CAV	CIRCUIT	FUNCTION
1	V38 20VT/OR (5.7L/DIESEL)	S/C SWITCH NO. 2 SIGNAL
2	V937 20VT/BR	S/C SWITCH RETURN
3	V37 20VT	S/C SWITCH NO. 1 SIGNAL



**SWITCH-
SPEED CONTROL-
RIGHT
(EXCEPT ETC)**

SWITCH-SPEED CONTROL-RIGHT (EXCEPT ETC) - GREEN 2 WAY

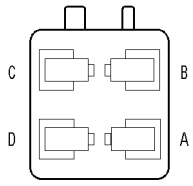
CAV	CIRCUIT	FUNCTION
A	V37 20VT	S/C SWITCH NO. 1 SIGNAL
B	K900 20VT/BR	SENSOR GROUND



**SWITCH-
STOP
LAMP**

SWITCH-STOP LAMP - 6 WAY

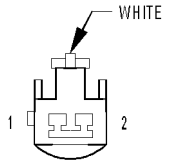
CAV	CIRCUIT	FUNCTION
1	A103 18GY/RD	FUSED B(+)
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	V30 20VT/WT (5.7L)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	V30 20VT/WT (DIESEL)	GROUND
3	V30 20VT/WT (GAS EXCEPT 5.7L)	S/C BRAKE SWITCH OUTPUT
4	V32 20VT/YL (5.7L/DIESEL)	BRAKE SWITCH NO. 2 SIGNAL
4	V32 20VT/YL (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

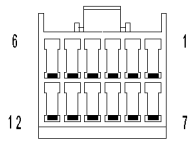
CAV	CIRCUIT	FUNCTION
A	Q4 20OR/YL	SUNROOF VENT SWITCH SENSE
B	Q6 20OR/LG	SUNROOF SWITCH SUPPLY
C	Q5 20OR/LB	SUNROOF CLOSE SWITCH SENSE
D	Q3 20OR/TN	SUNROOF OPEN SWITCH SENSE



SWITCH-TOW/HAUL OVERDRIVE

SWITCH-TOW/HAUL OVERDRIVE - WHITE 2 WAY

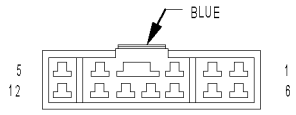
CAV	CIRCUIT	FUNCTION
1	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
2	Z71 20LB/BK	GROUND



SWITCH-TRANSFER CASE SELECTOR (ETC)

SWITCH-TRANSFER CASE SELECTOR (ETC) - 12 WAY

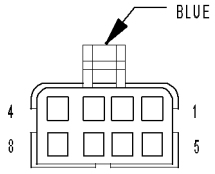
CAV	CIRCUIT	FUNCTION
1	T322 20DG/GY	5 VOLT SELECTOR SWITCH SUPPLY
2	G2 20BR/WT	2WD/AWD INDICATOR
3	-	-
4	G95 20VT/BR	NEUTRAL INDICATOR
5	K977 20BR/WT	MODE SELECT
6	E11 20OR/DB	PANEL LAMPS DRIVER
7	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	G92 20VT/OR	4WD LOW INDICATOR
9	G91 20VT/WT	4WD HIGH INDICATOR
10	-	-
11	Z905 20BK	GROUND
12	-	-



SWITCH-WINDOW/DOOR LOCK-DRIVER C1

SWITCH-WINDOW/DOOR LOCK-DRIVER C1 - BLUE 12 WAY

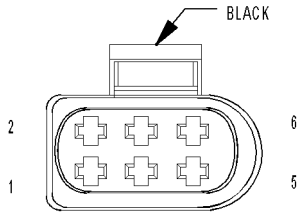
CAV	CIRCUIT	FUNCTION
1	Q612 14OR/DB	RIGHT REAR WINDOW DRIVER (DOWN)
2	Q412 14OR/LB	RIGHT REAR WINDOW DRIVER (UP)
3	Q16 14OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q11 14OR/LG	LEFT FRONT WINDOW DRIVER (UP)
6	Q26 14OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
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 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
11	Z941 20BK	GROUND
12	Q21 14OR/WT	LEFT FRONT WINDOW DRIVER (DOWN)



SWITCH-WINDOW/DOOR LOCK-DRIVER C2

SWITCH-WINDOW/DOOR LOCK-DRIVER C2 - BLUE 8 WAY

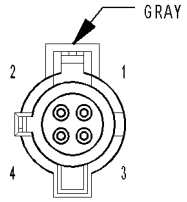
CAV	CIRCUIT	FUNCTION
1	P71 18TN/DG	LEFT MIRROR UP DRIVER
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	A930 18RD	FUSED B(+)
4	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
5	Z461 20BK/DG	GROUND
6	P75 18TN/LG	LEFT MIRROR LEFT DRIVER
7	P72 18TN/GY	RIGHT MIRROR UP DRIVER
8	Q15 14OR/LB	POWER WINDOW SWITCH FEED



THROTTLE BODY (5.7L)

THROTTLE BODY (5.7L) - BLACK 6 WAY

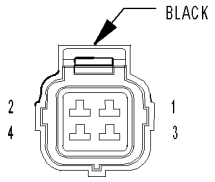
CAV	CIRCUIT	FUNCTION
1	K22 18BR/OR	TP NO. 1 SIGNAL
2	F855 18PK/YL	5 VOLT SUPPLY
3	K447 18TN/YL	ETC MOTOR (+)
4	K122 18BR/DG	TP NO. 2 SIGNAL
5	K448 18TN/OR	ETC MOTOR (-)
6	K922 18BR/DB	TP SENSOR RETURN



TRANSDUCER-A/C PRESSURE (NGC)

TRANSDUCER-A/C PRESSURE (NGC) - GRAY 4 WAY

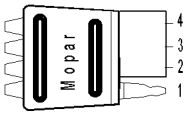
CAV	CIRCUIT	FUNCTION
1	K900 18DB/DG	SENSOR GROUND
2	F855 18PK/YL	5 VOLT SUPPLY
3	C918 18BK/LB	A/C PRESSURE SIGNAL
4	-	-



TRANSDUCER-A/C PRESSURE (DIESEL/SRT)

TRANSDUCER-A/C PRESSURE (DIESEL/SRT) - BLACK 4 WAY

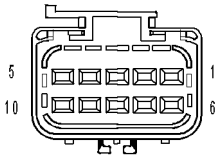
CAV	CIRCUIT	FUNCTION
1	K916 18BR/OR (DIESEL)	SENSOR GROUND
1	K900 20DB/DG (SRT)	SENSOR GROUND
2	F855 18PK/YL	5 VOLT SUPPLY
3	C918 18BK/LB	A/C PRESSURE SIGNAL
4	-	-



WIRING-
TRAILER
TOW 4-WAY

WIRING-TRAILER TOW 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

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 Wingdow	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 Insrument 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-Passanger 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

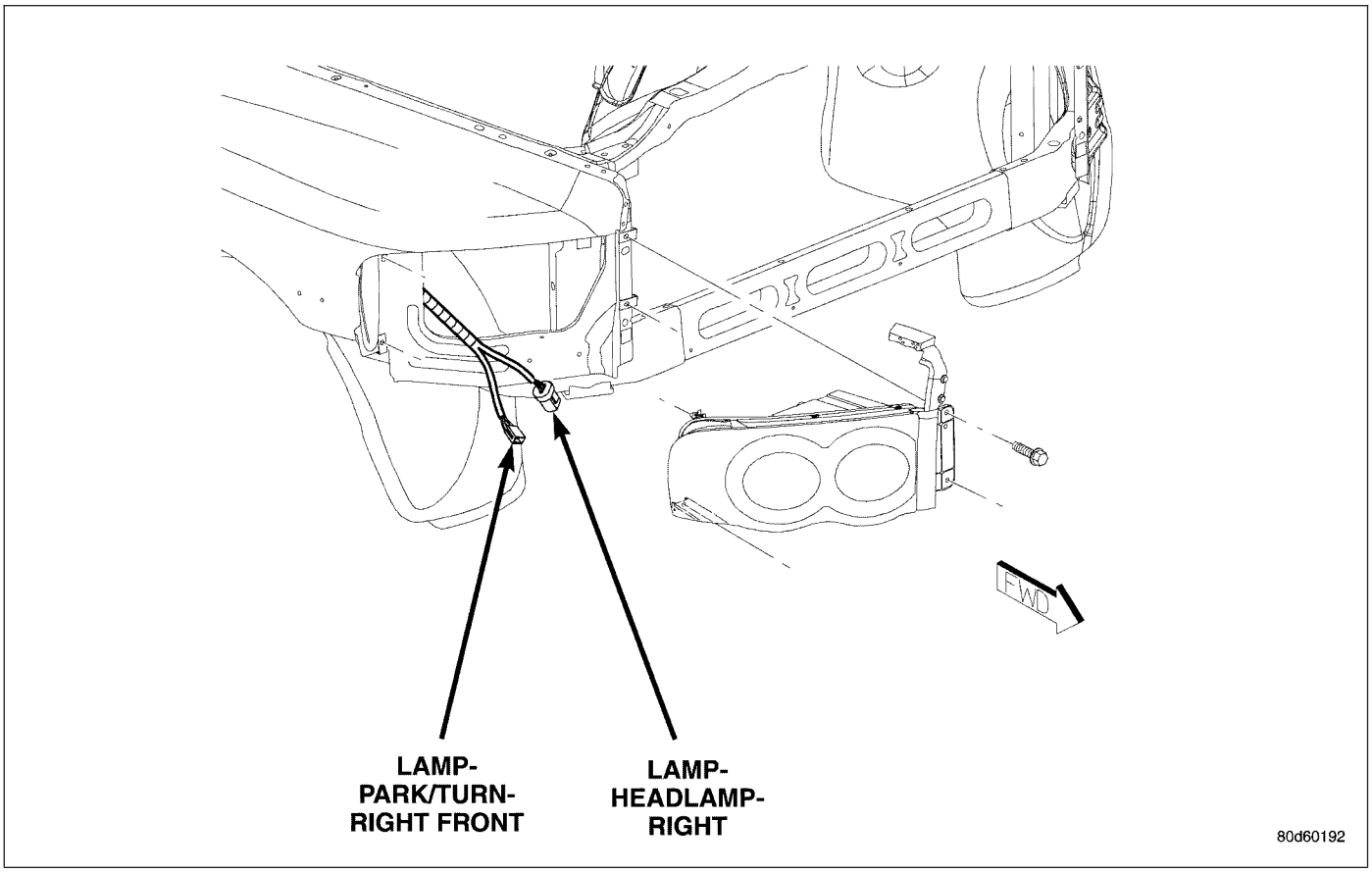


Fig. 1 RIGHT SIDE FRONT LIGHTING

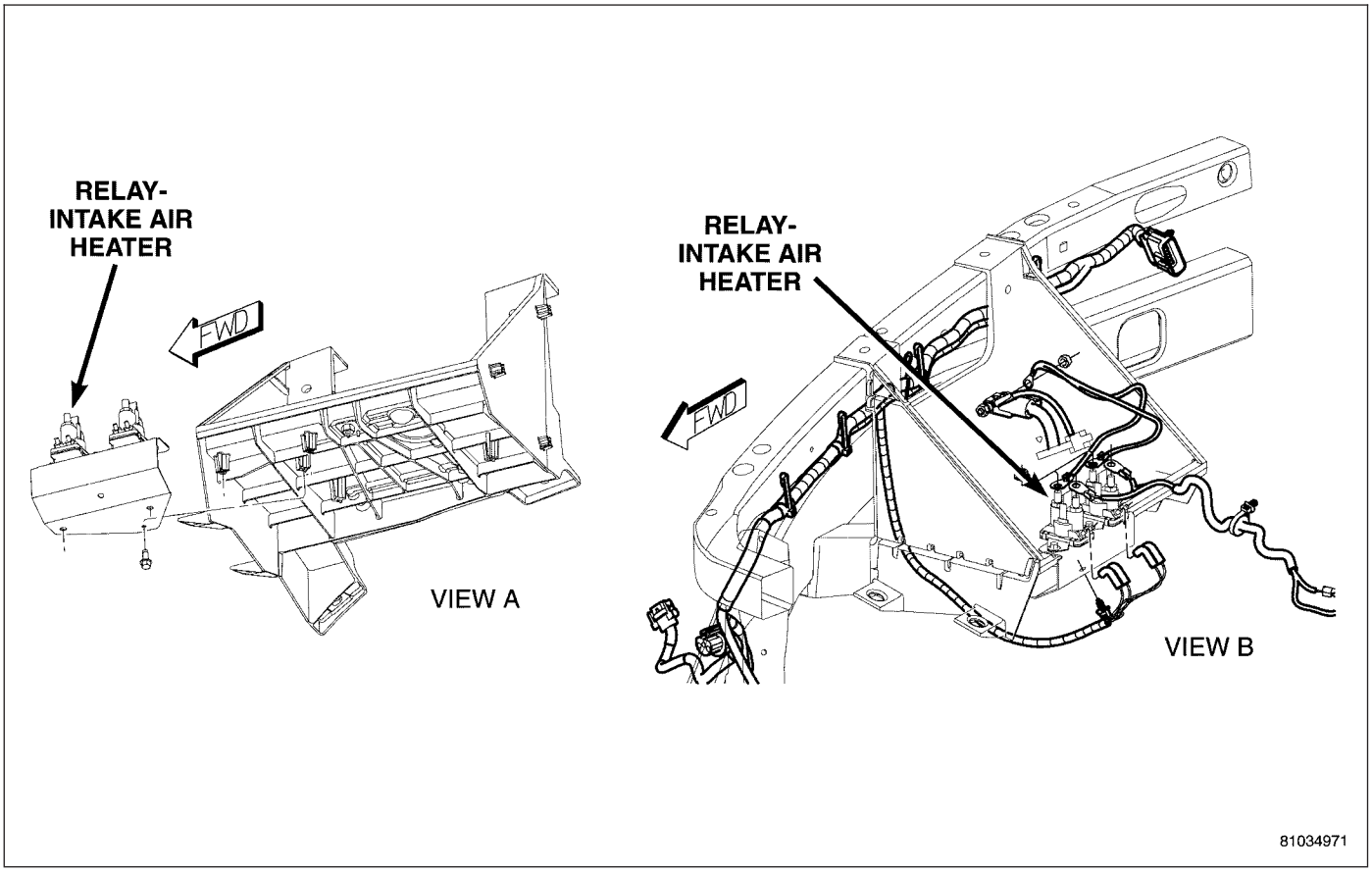


Fig. 2 RIGHT BATTERY TRAY

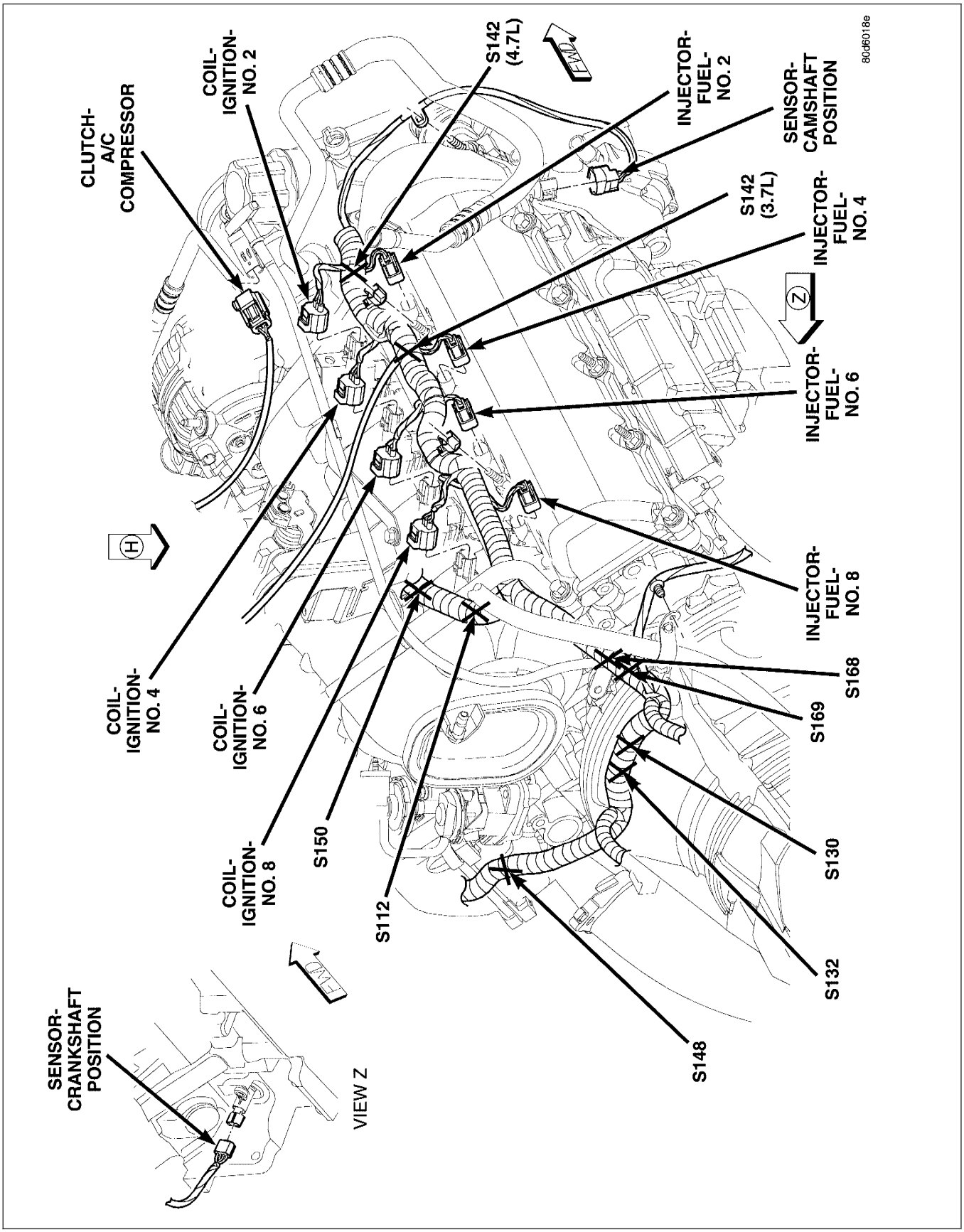


Fig. 3 RIGHT SIDE ENGINE, 4.7L

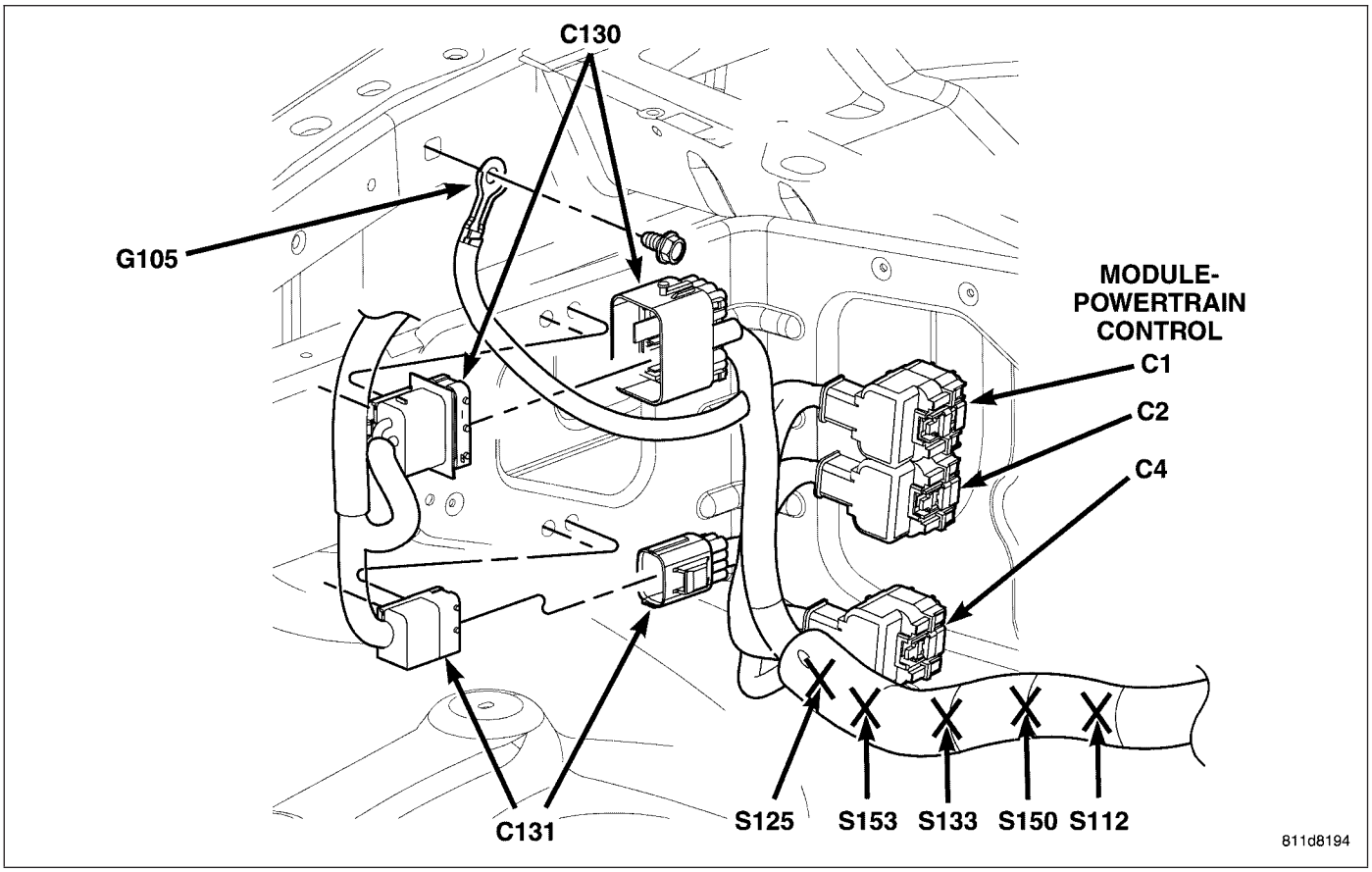


Fig. 4 RIGHT REAR ENGINE COMPARTMENT

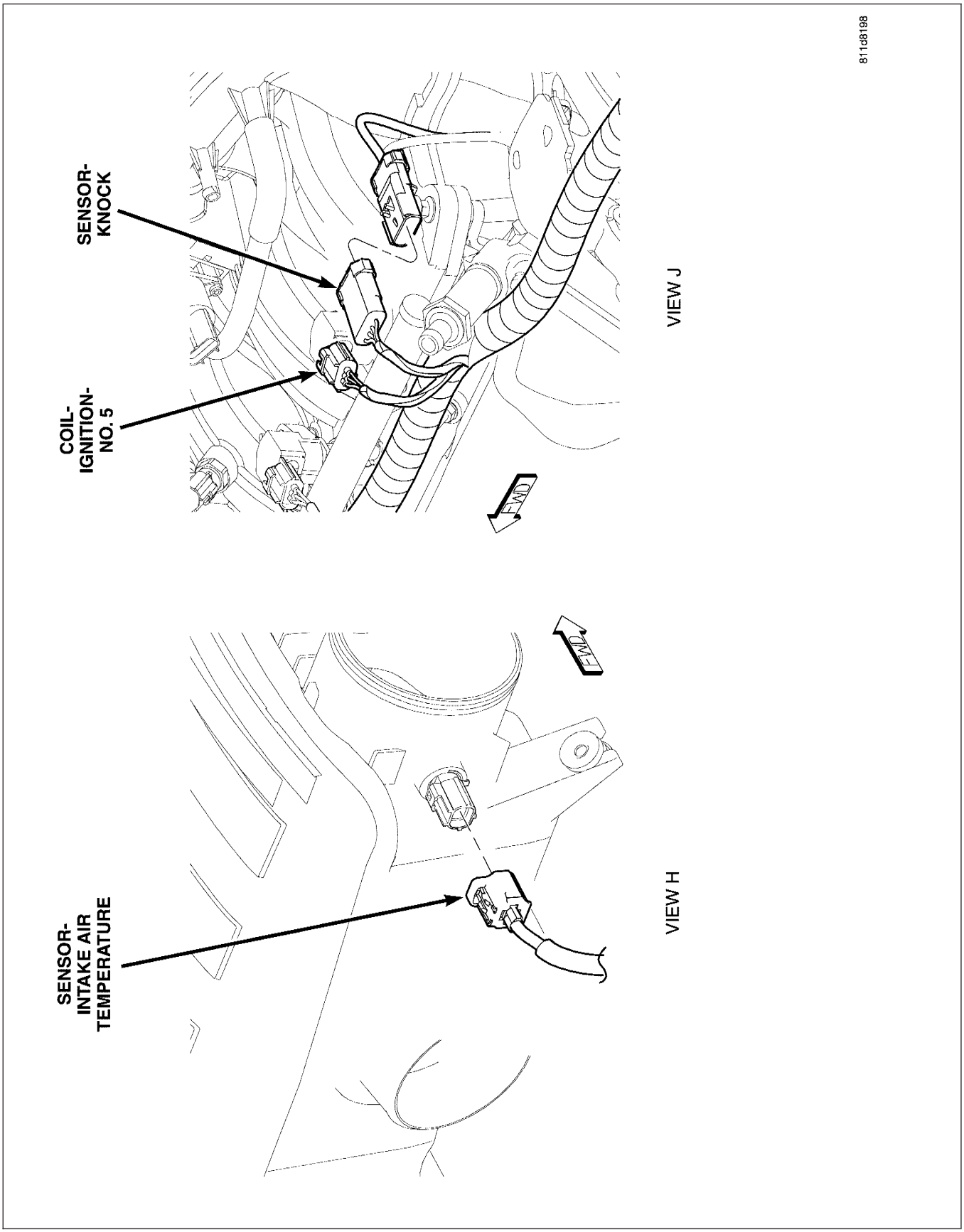


Fig. 5 RIGHT TOP ENGINE (3.7L/4.7L)

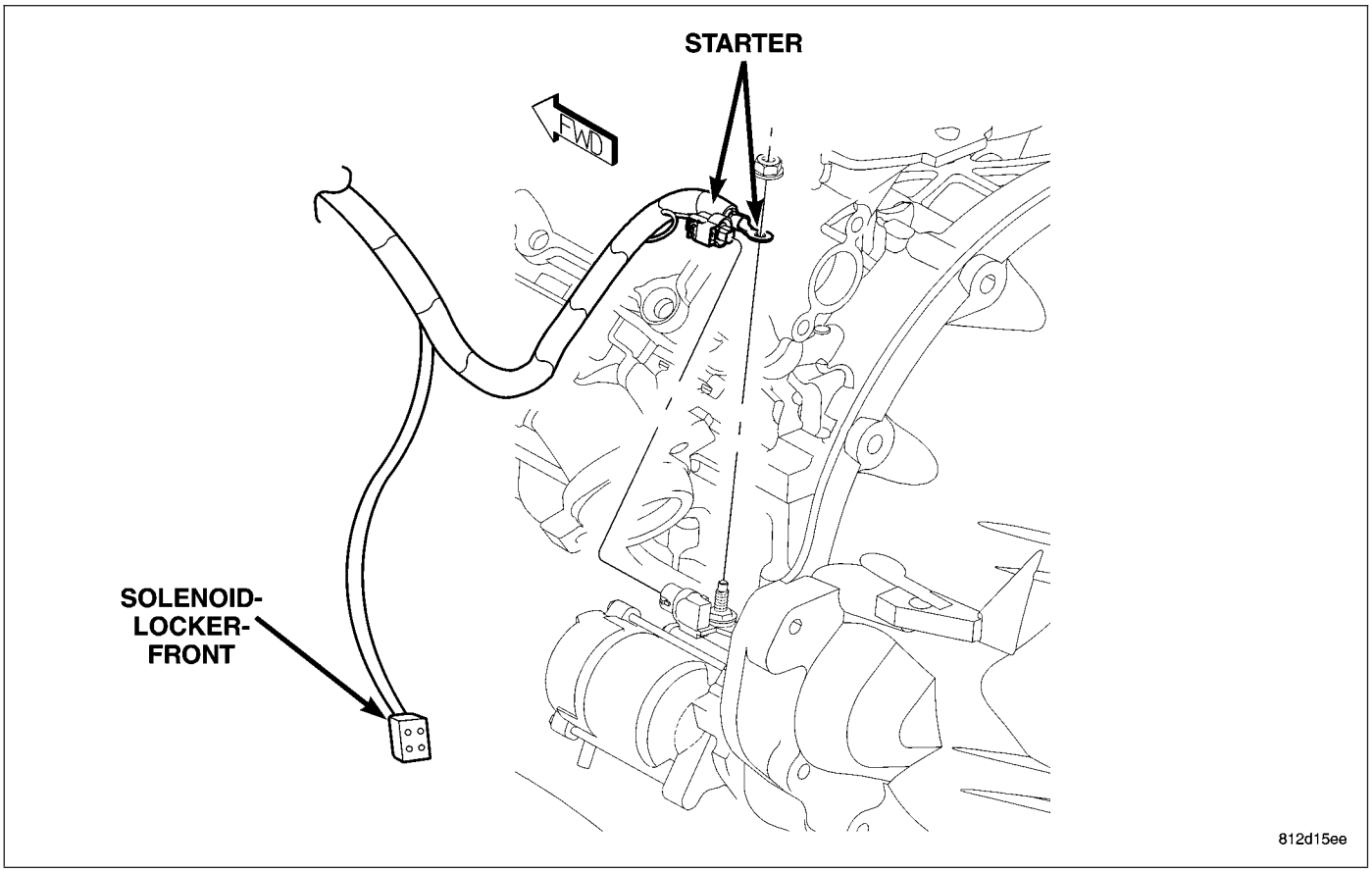


Fig. 6 STARTER

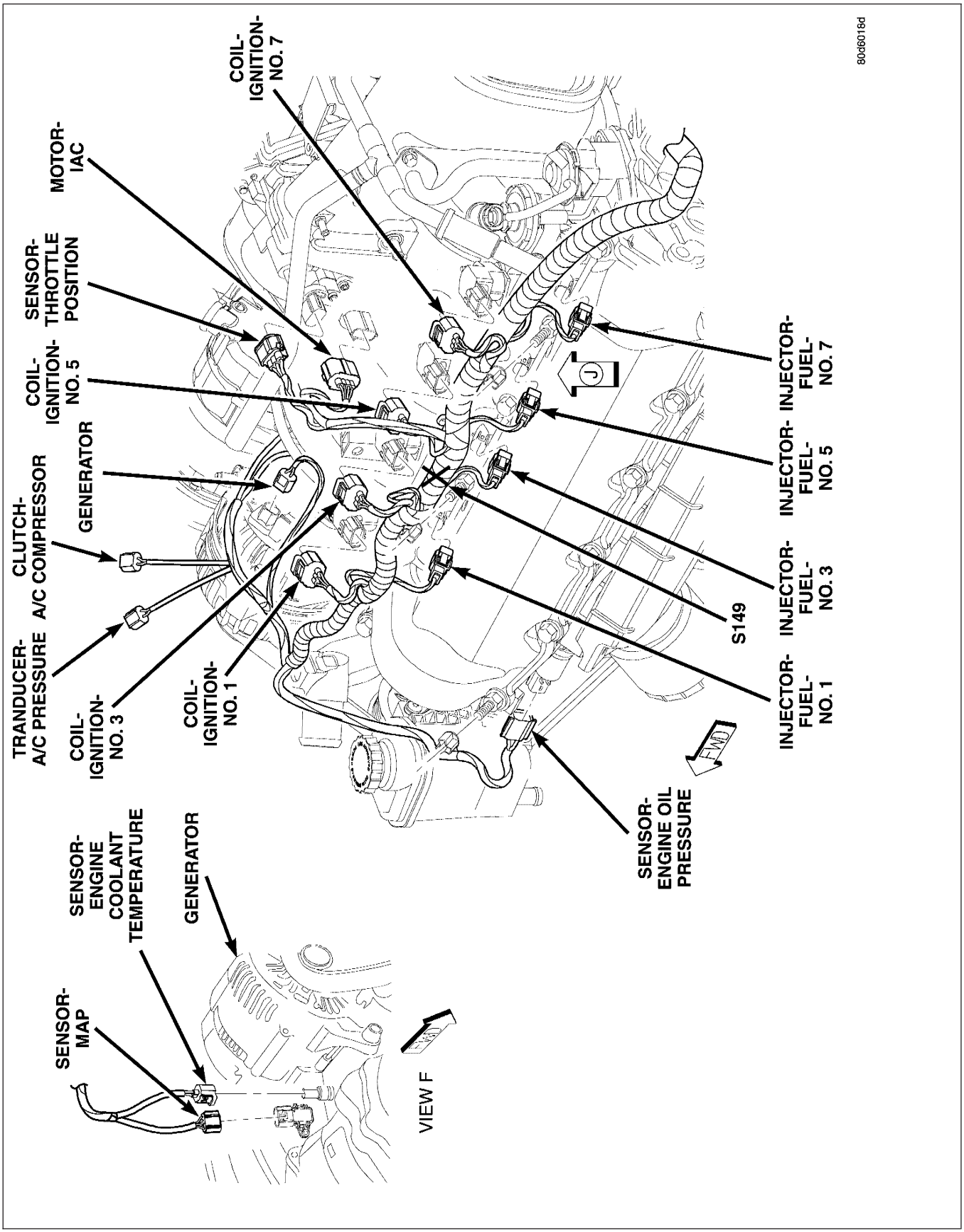


Fig. 7 LEFT SIDE ENGINE (3.7L/4.7L)

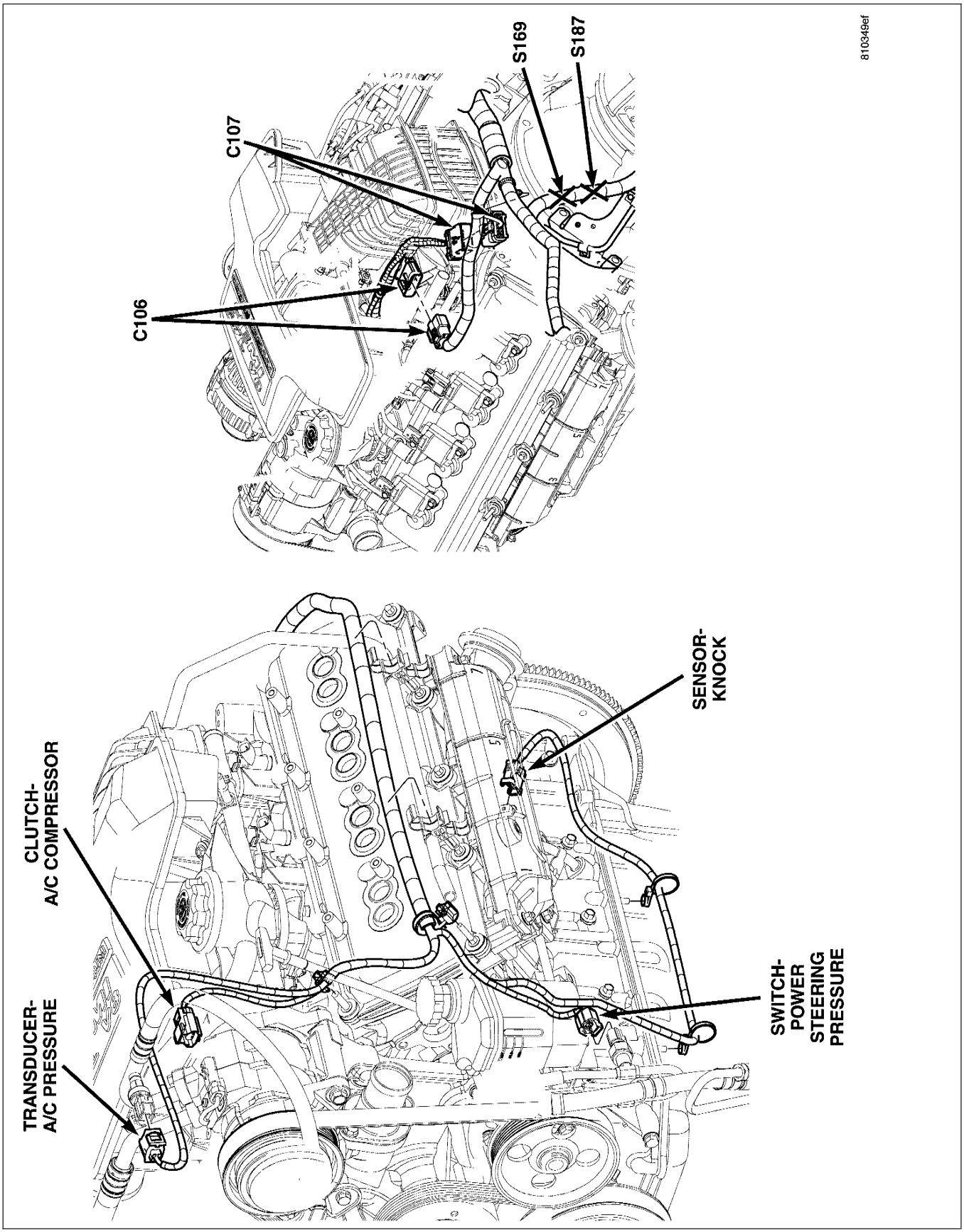


Fig. 8 LEFT SIDE ENGINE (5.7L)

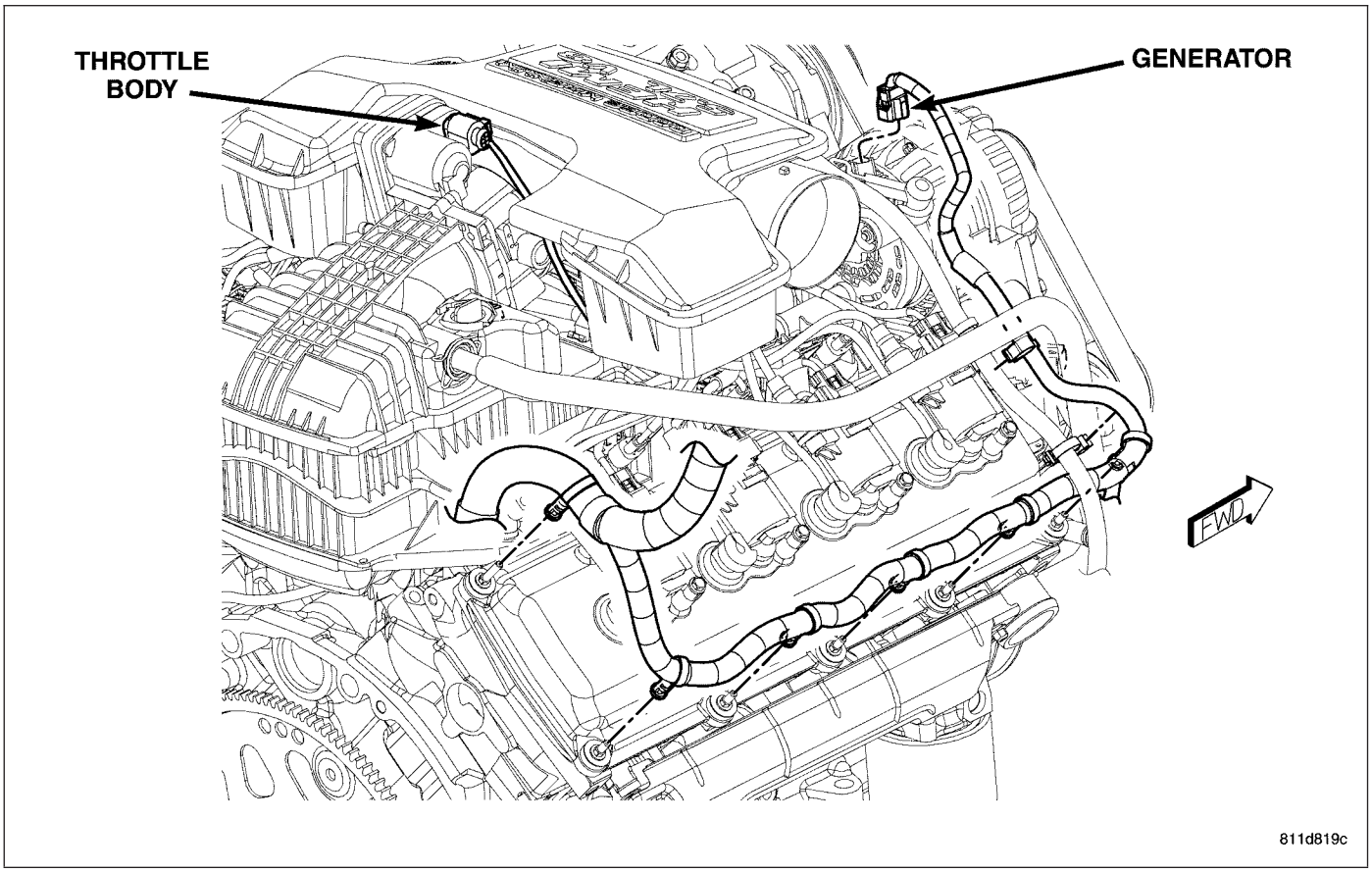


Fig. 9 RIGHT REAR ENGINE (5.7L)

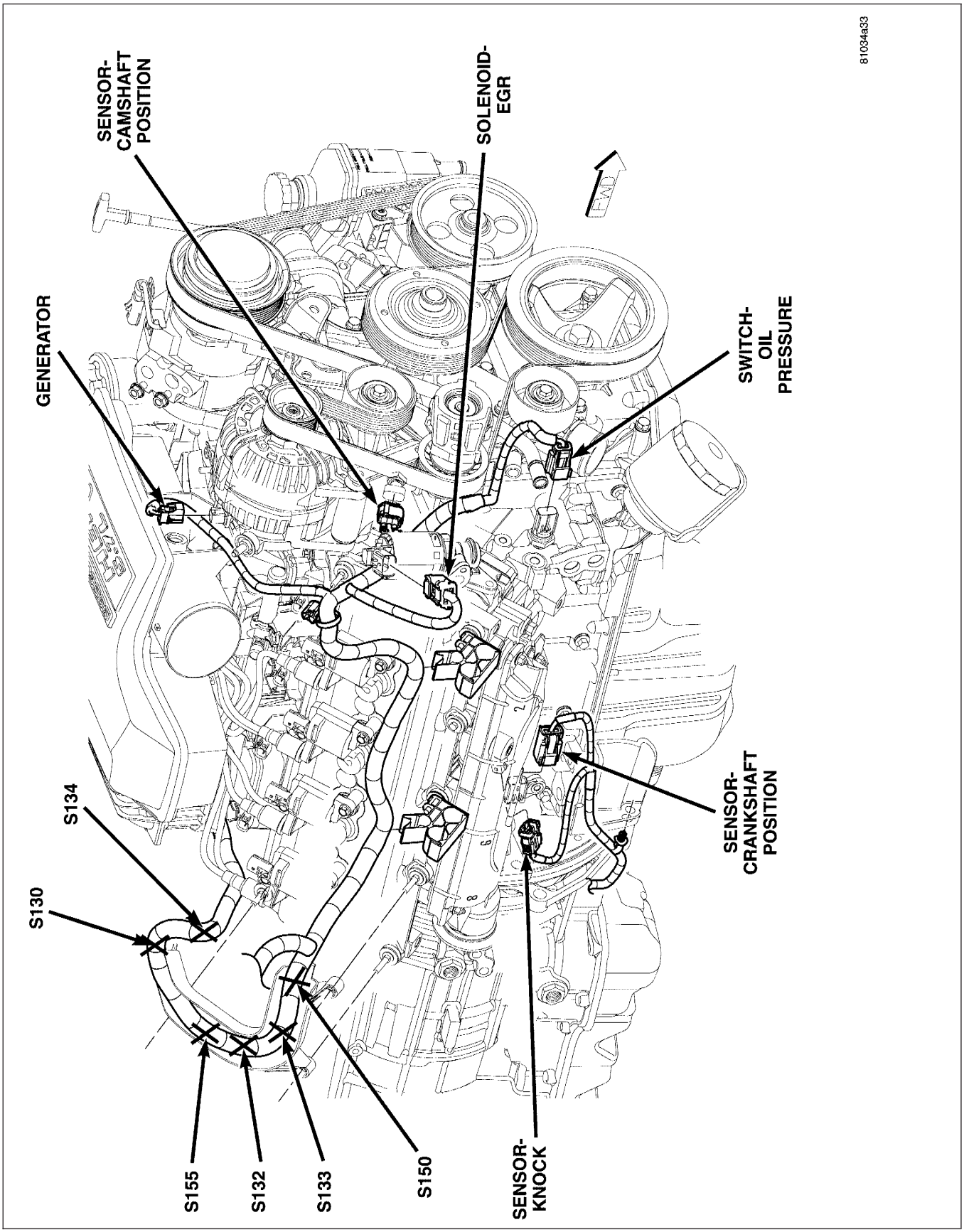


Fig. 10 RIGHT SIDE ENGINE (5.7L)

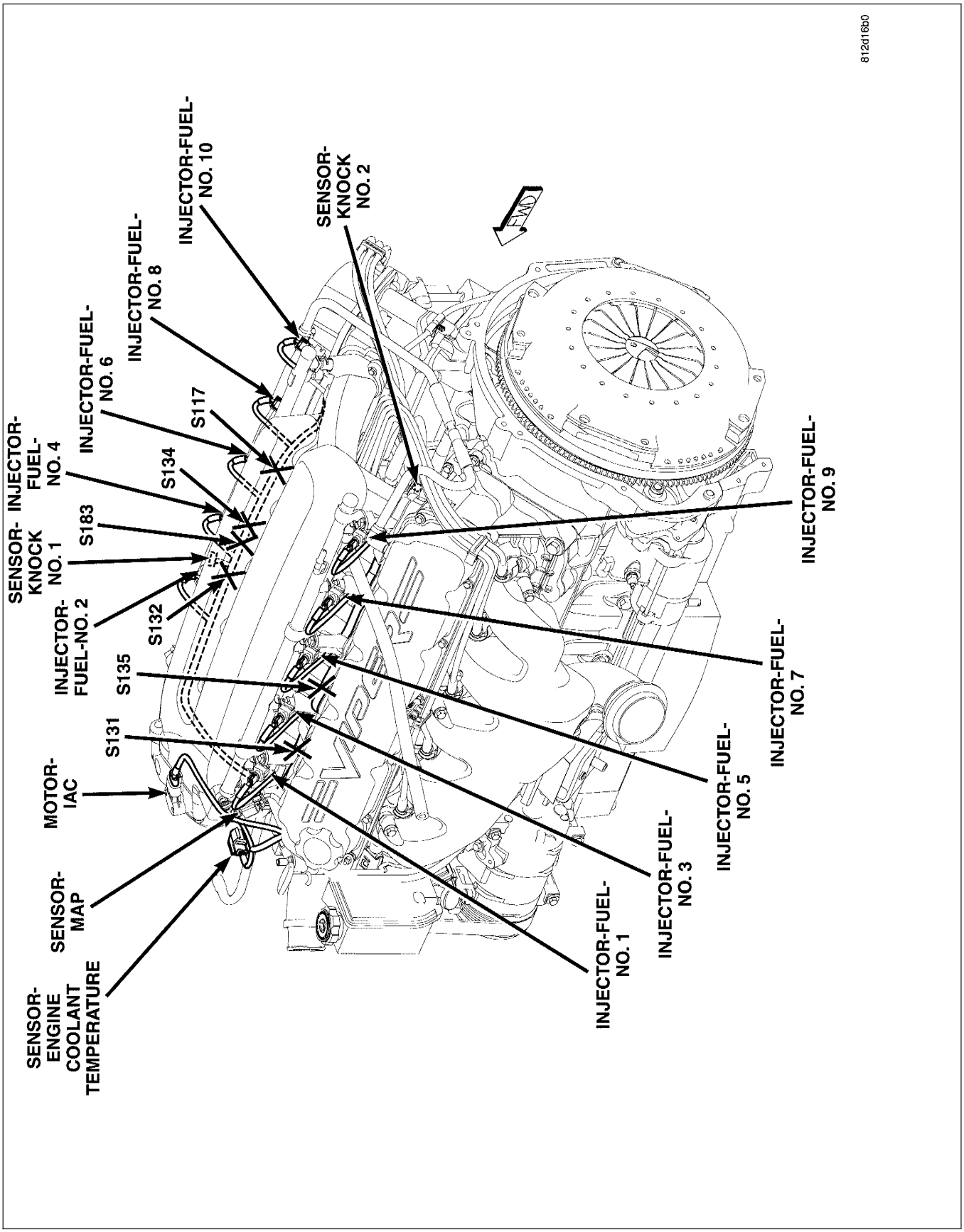


Fig. 11 LEFT REAR ENGINE (SRT)

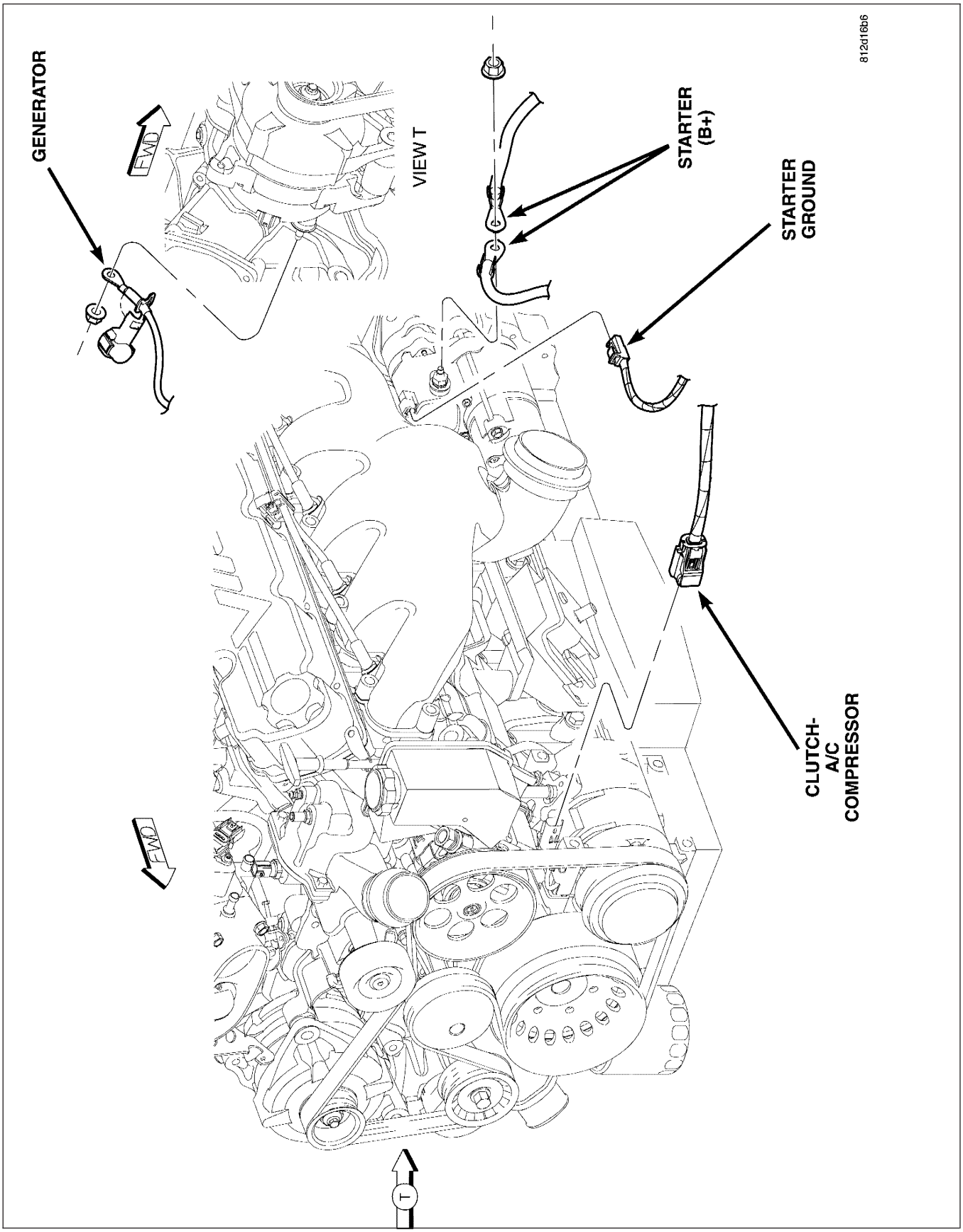


Fig. 12 FRONT ENGINE (SRT)

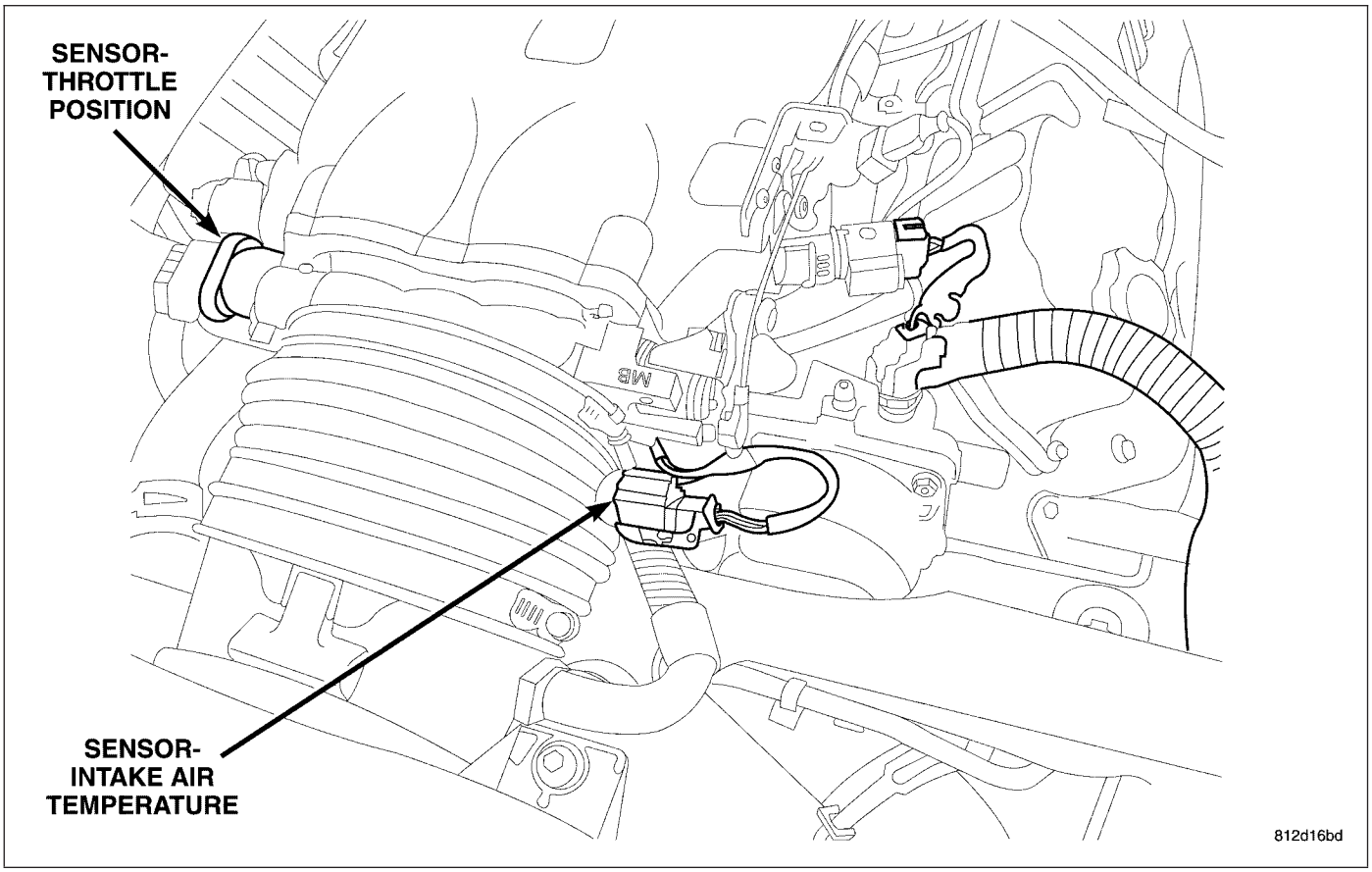


Fig. 13 LEFT FRONT ENGINE (SRT)

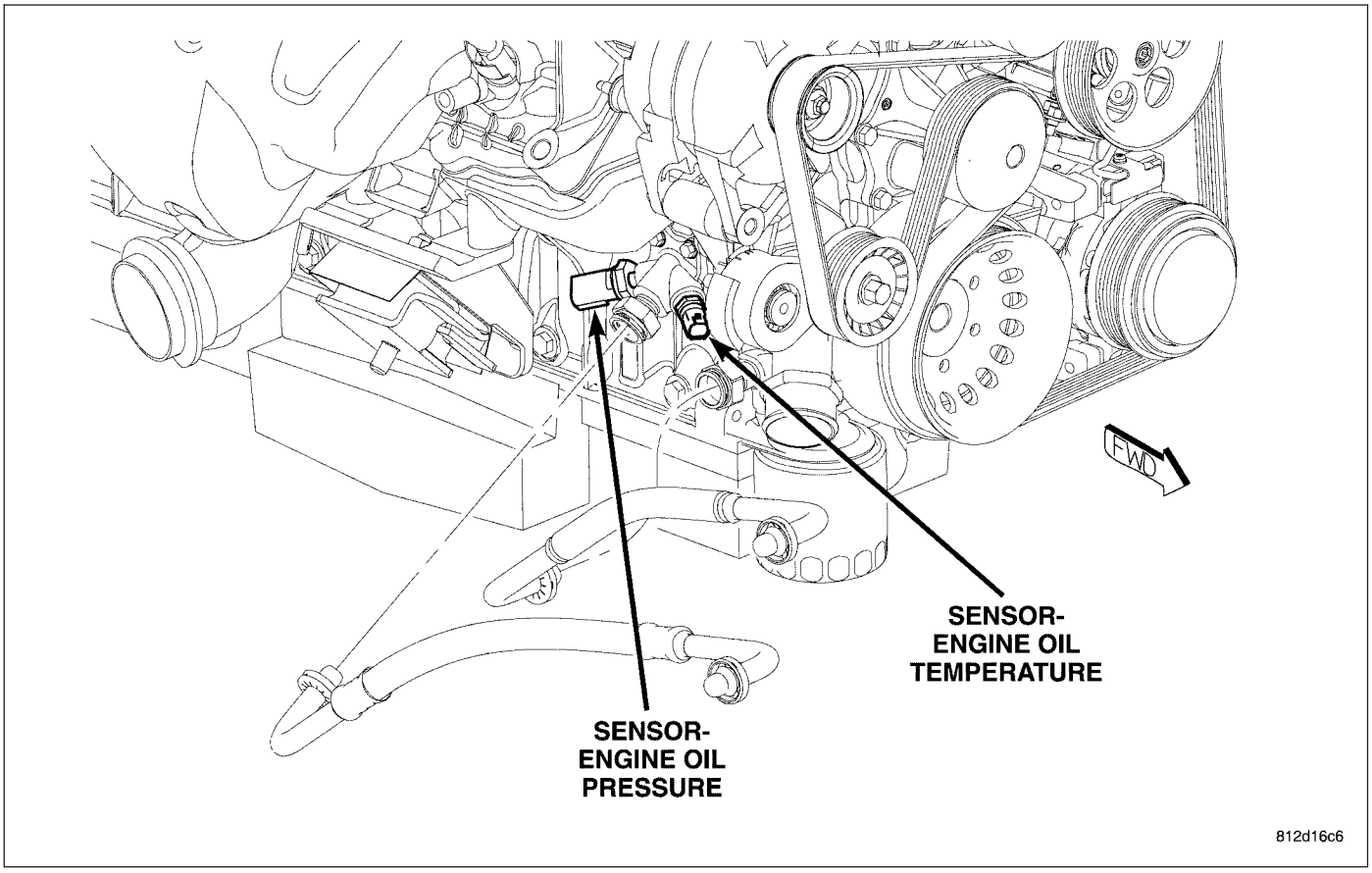


Fig. 14 RIGHT FRONT ENGINE (SRT)

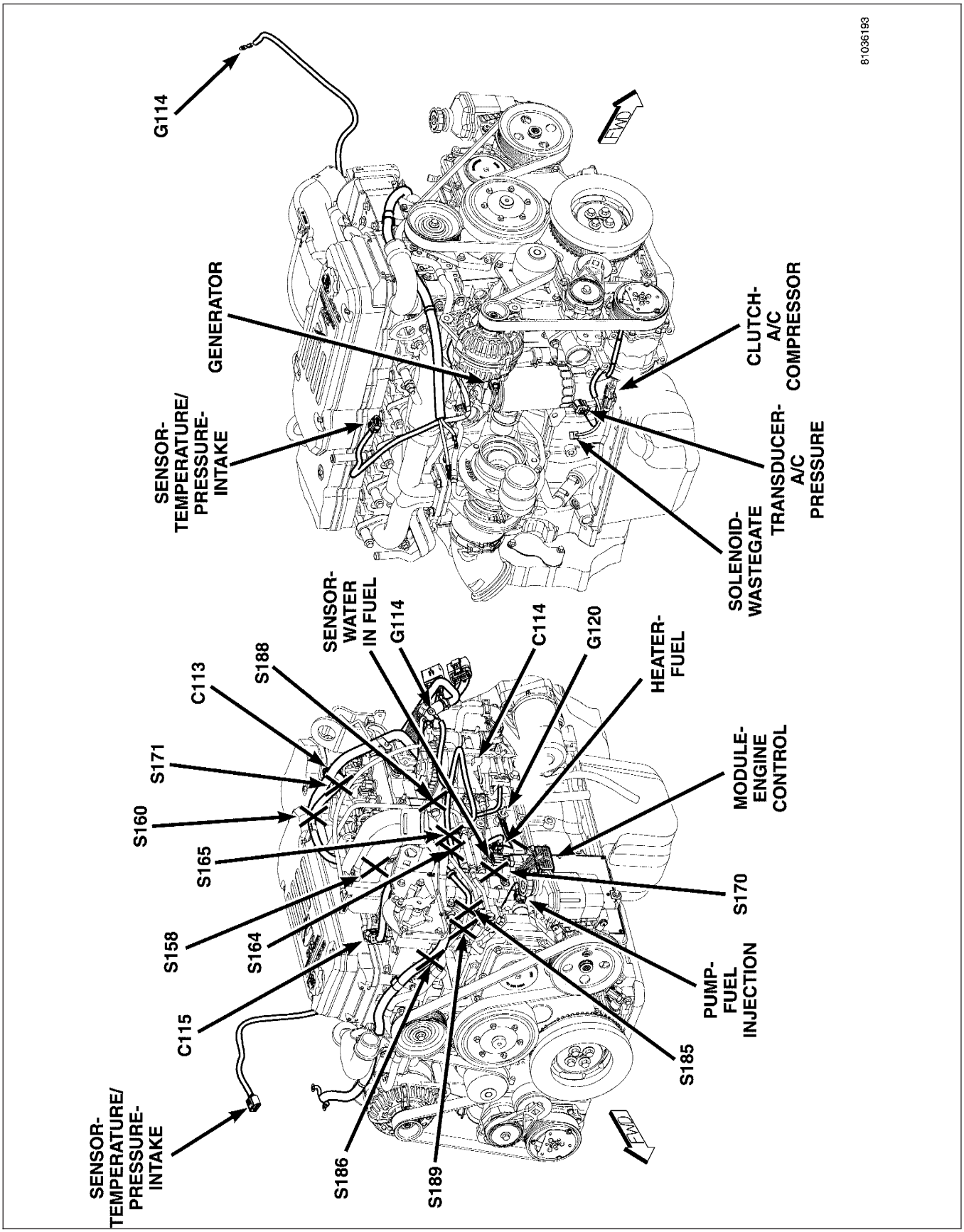


Fig. 15 ENGINE (DIESEL)

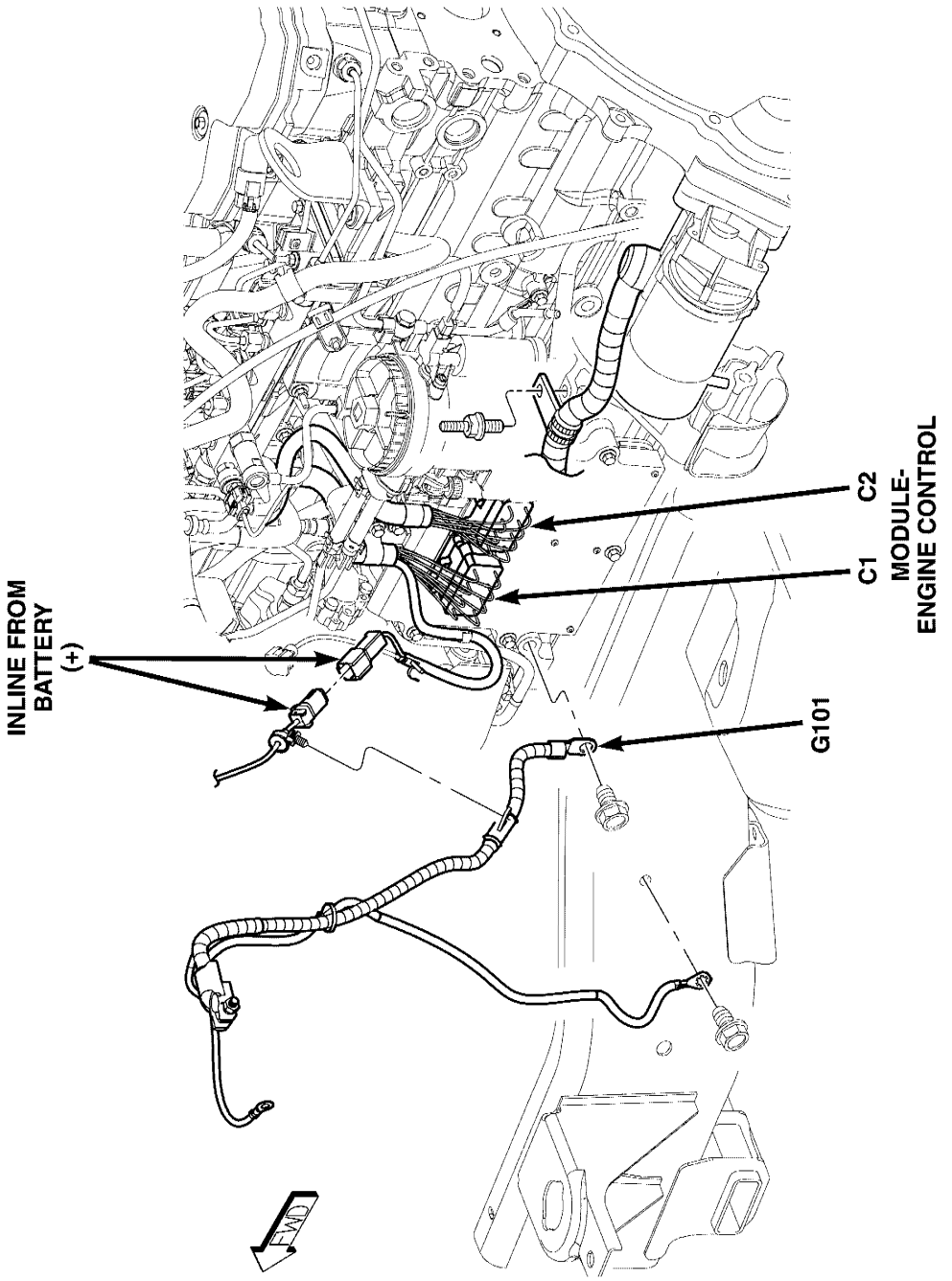


Fig. 16 LEFT SIDE ENGINE (DIESEL)

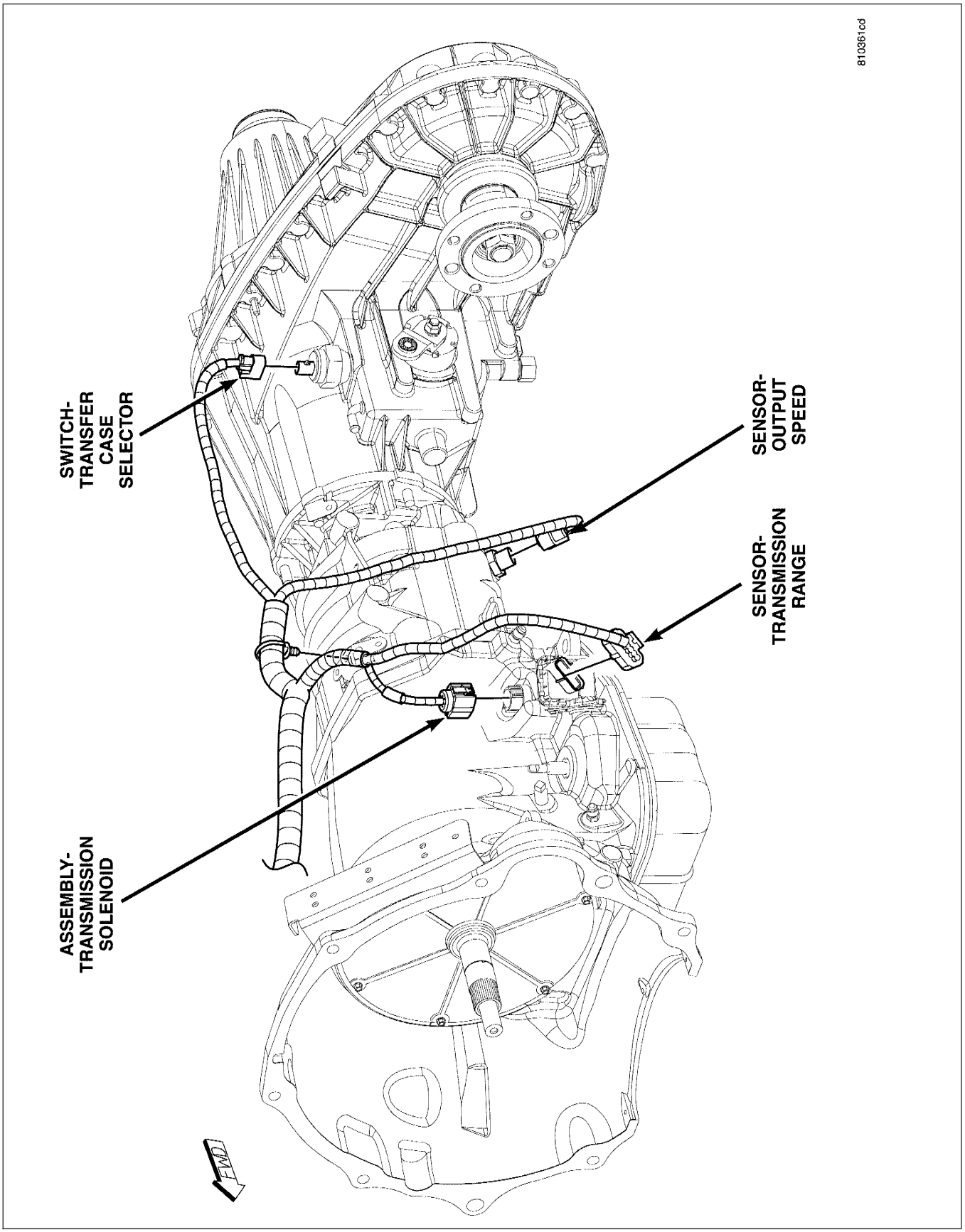


Fig. 17 AUTOMATIC TRANSMISSION (DIESEL)

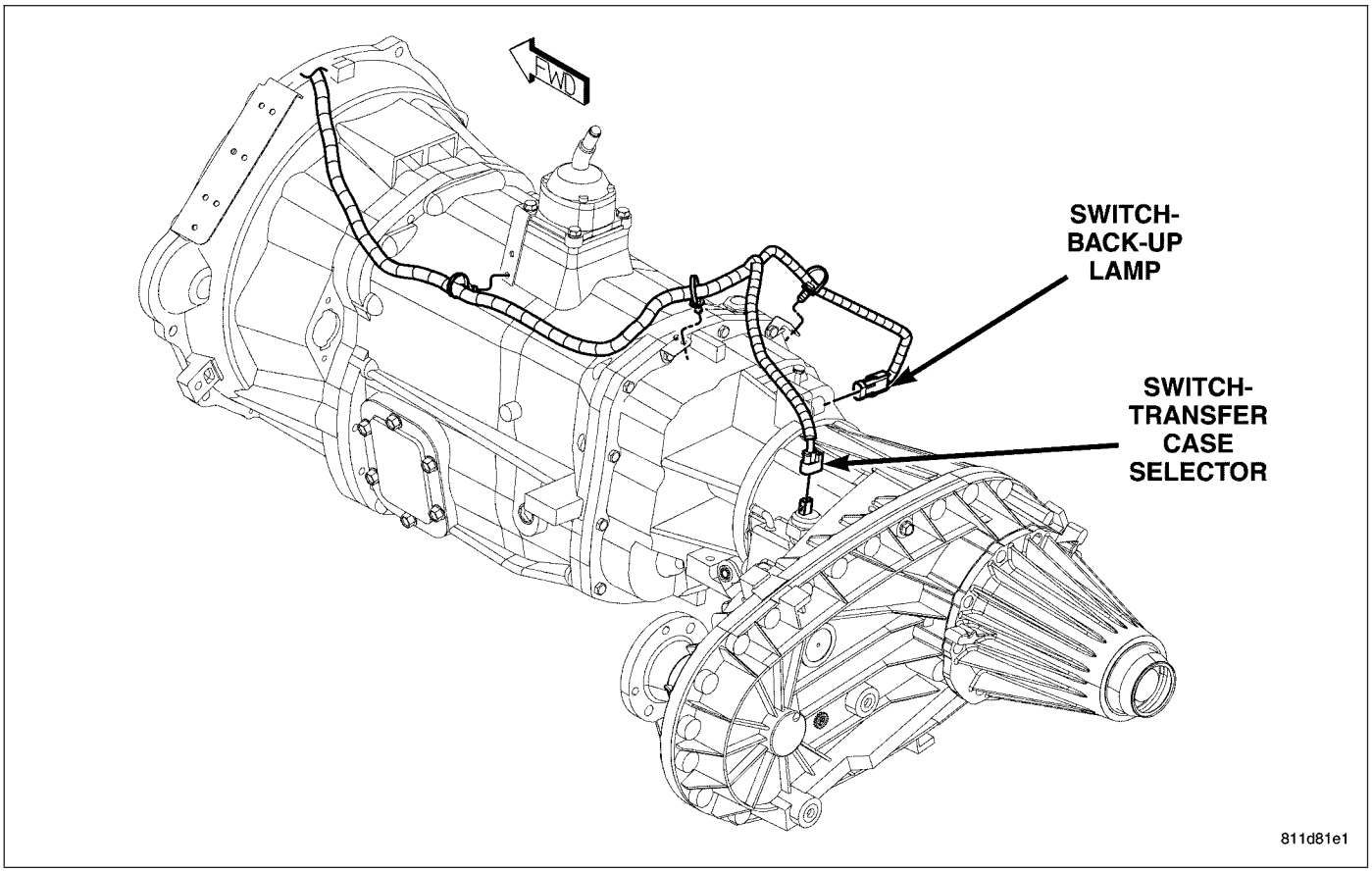


Fig. 18 MANUAL TRANSMISSION (DIESEL)

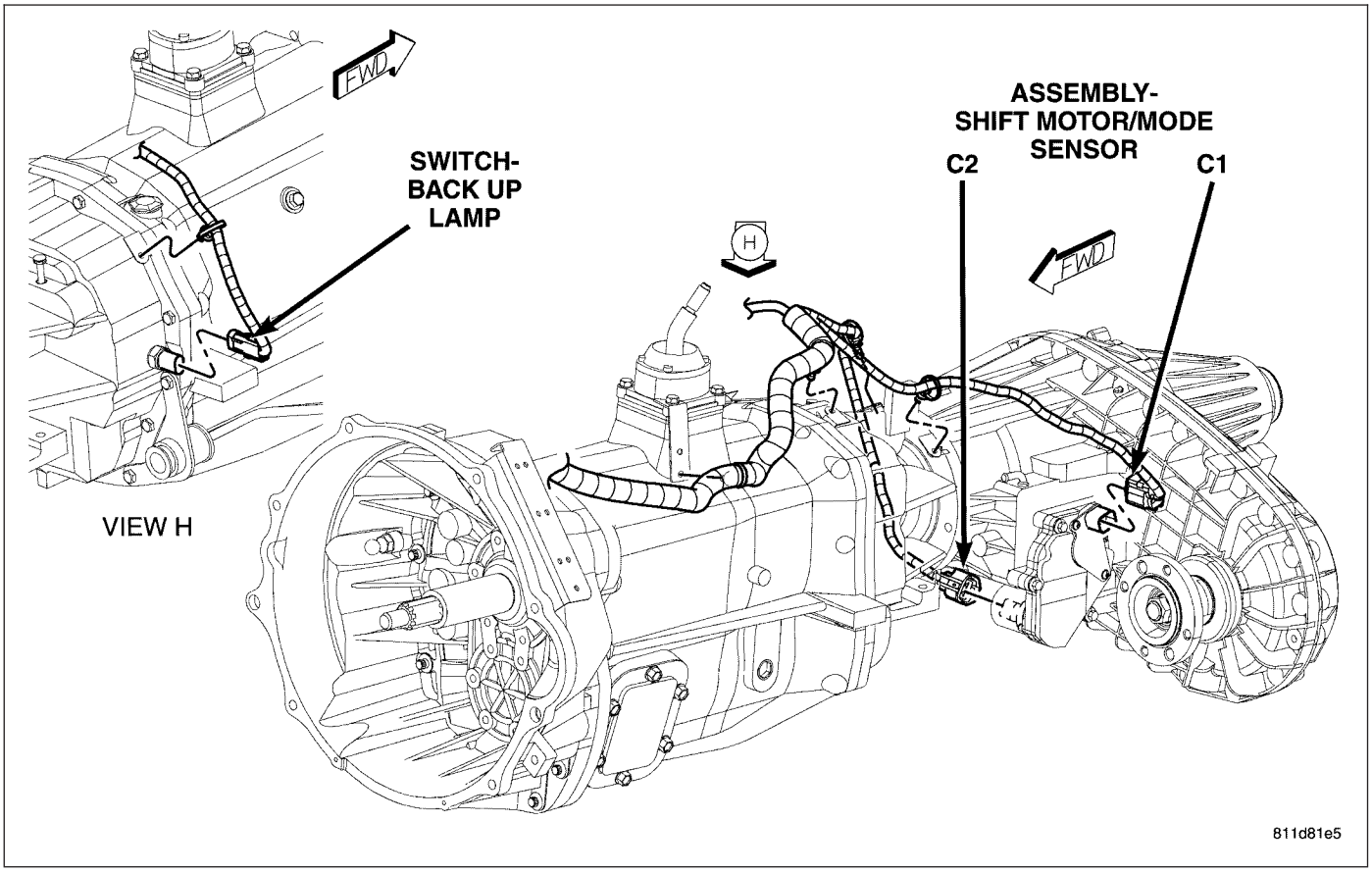


Fig. 19 FRONT MANUAL TRANSMISSION (DIESEL)

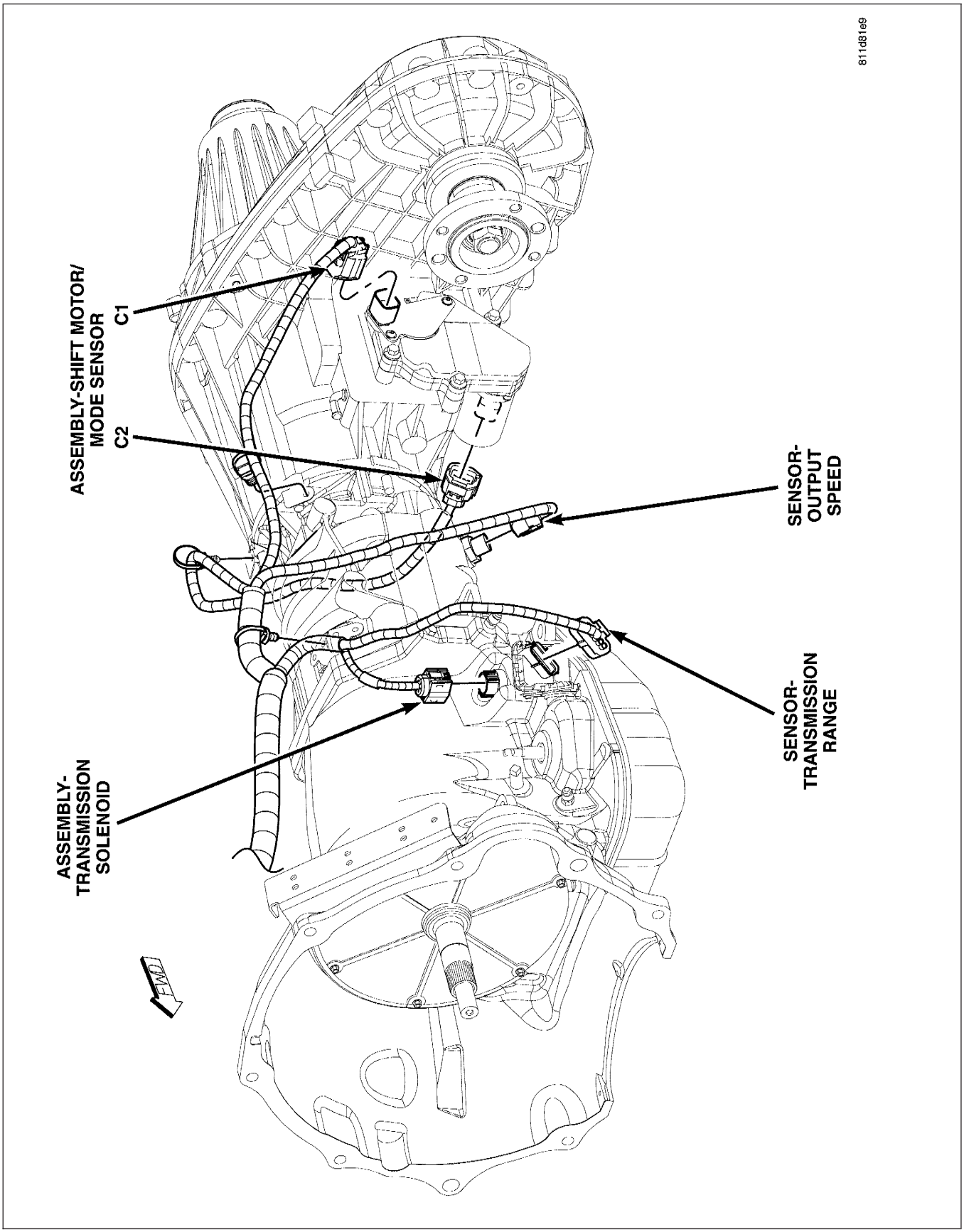


Fig. 20 AUTOMATIC TRANSMISSION (DIESEL) (ETC)

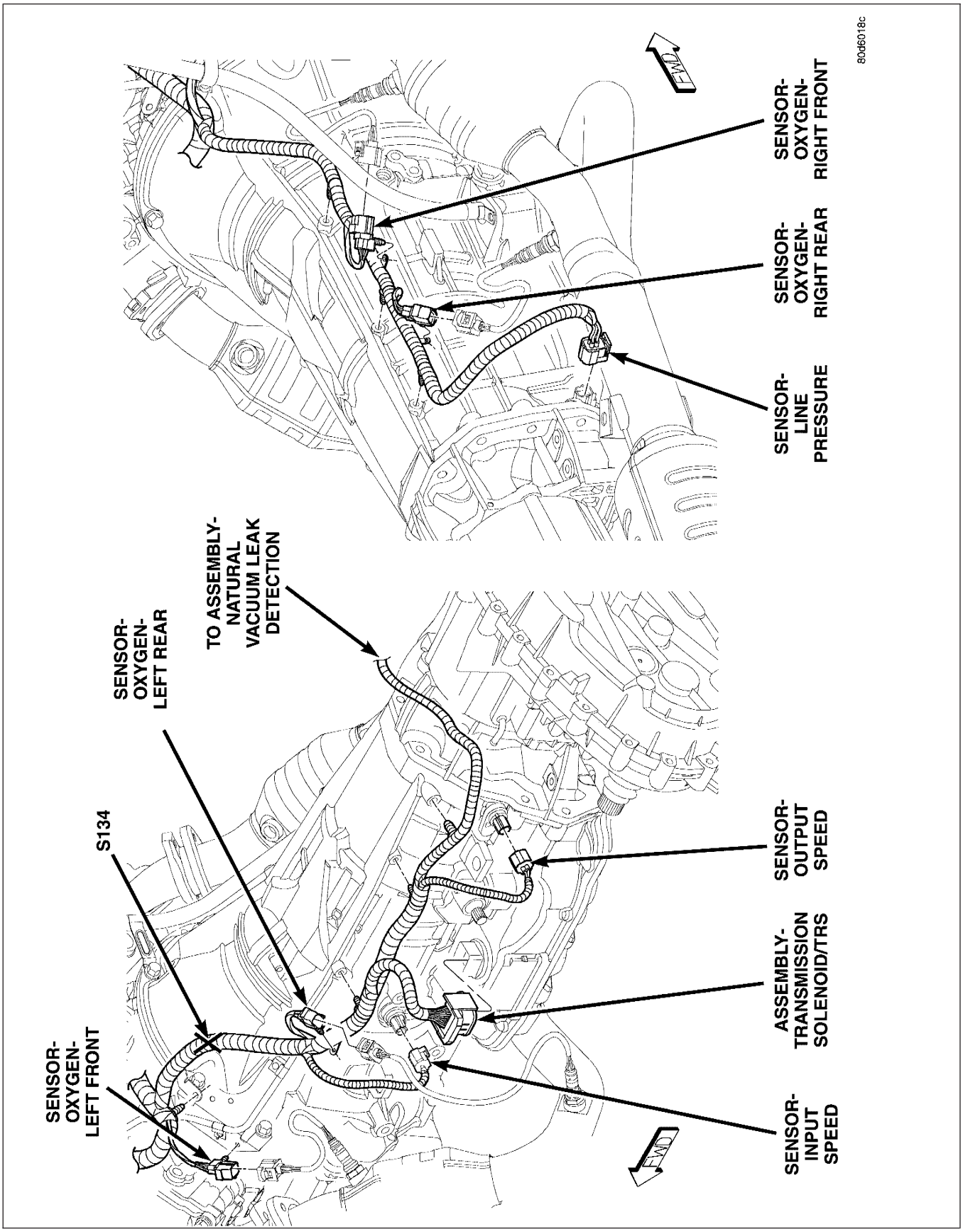


Fig. 21 TRANSMISSION (RFE 4X4 3.7L/4.7L)

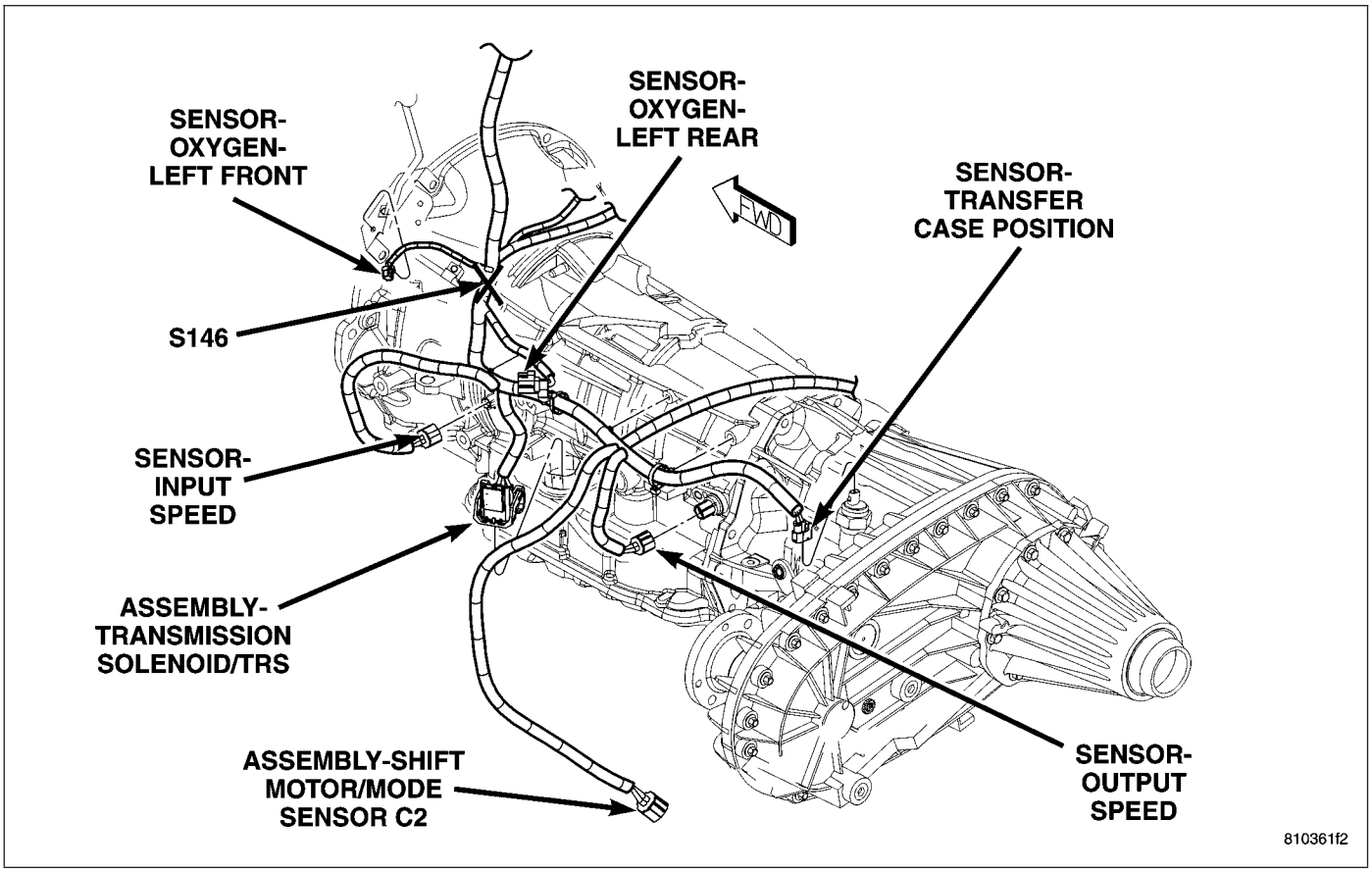


Fig. 22 LEFT TRANSMISSION (RFE)

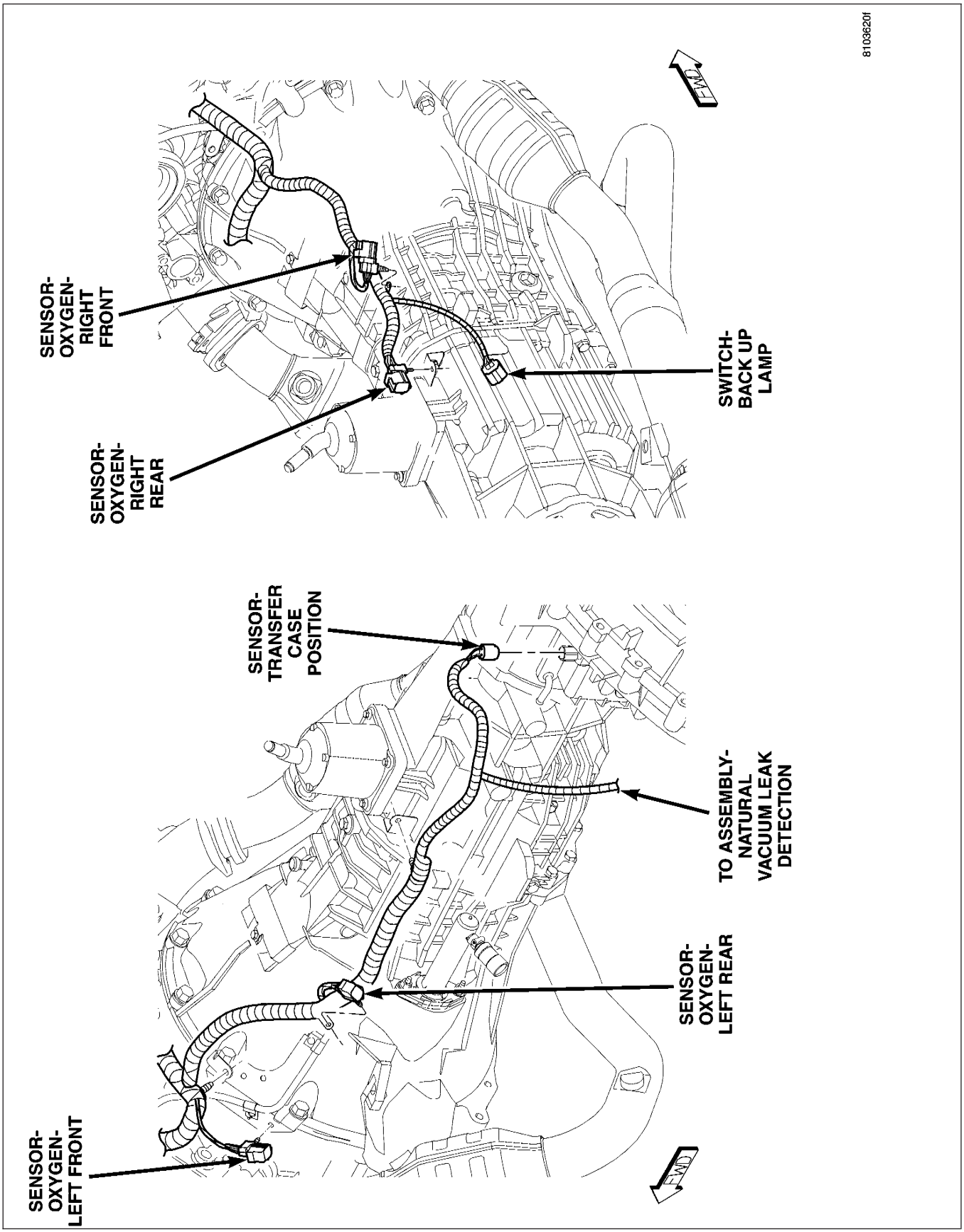


Fig. 23 MANUAL TRANSMISSION (4X4) (3.7L/4.7L)

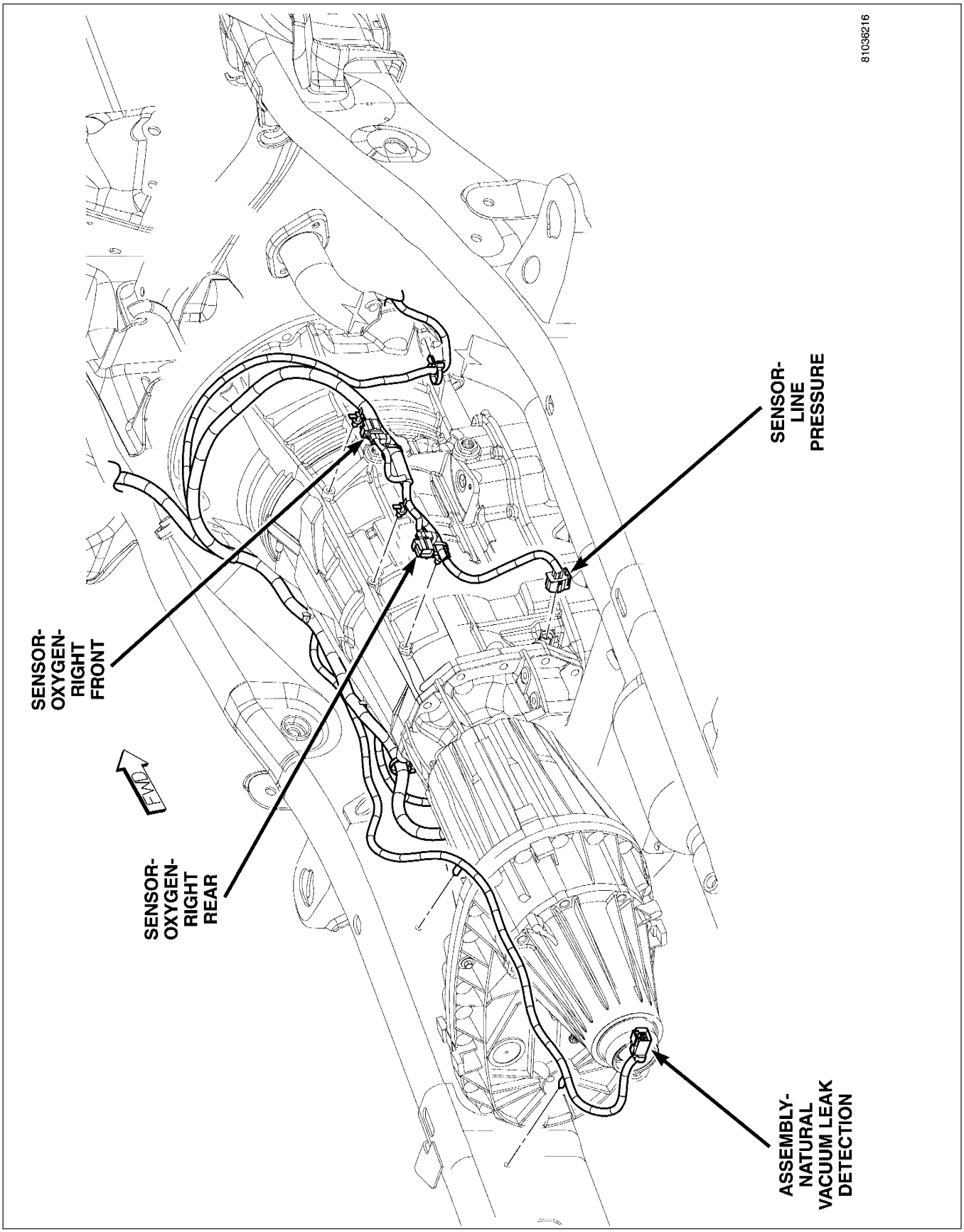


Fig. 24 RIGHT TRANSMISSION (RFE)

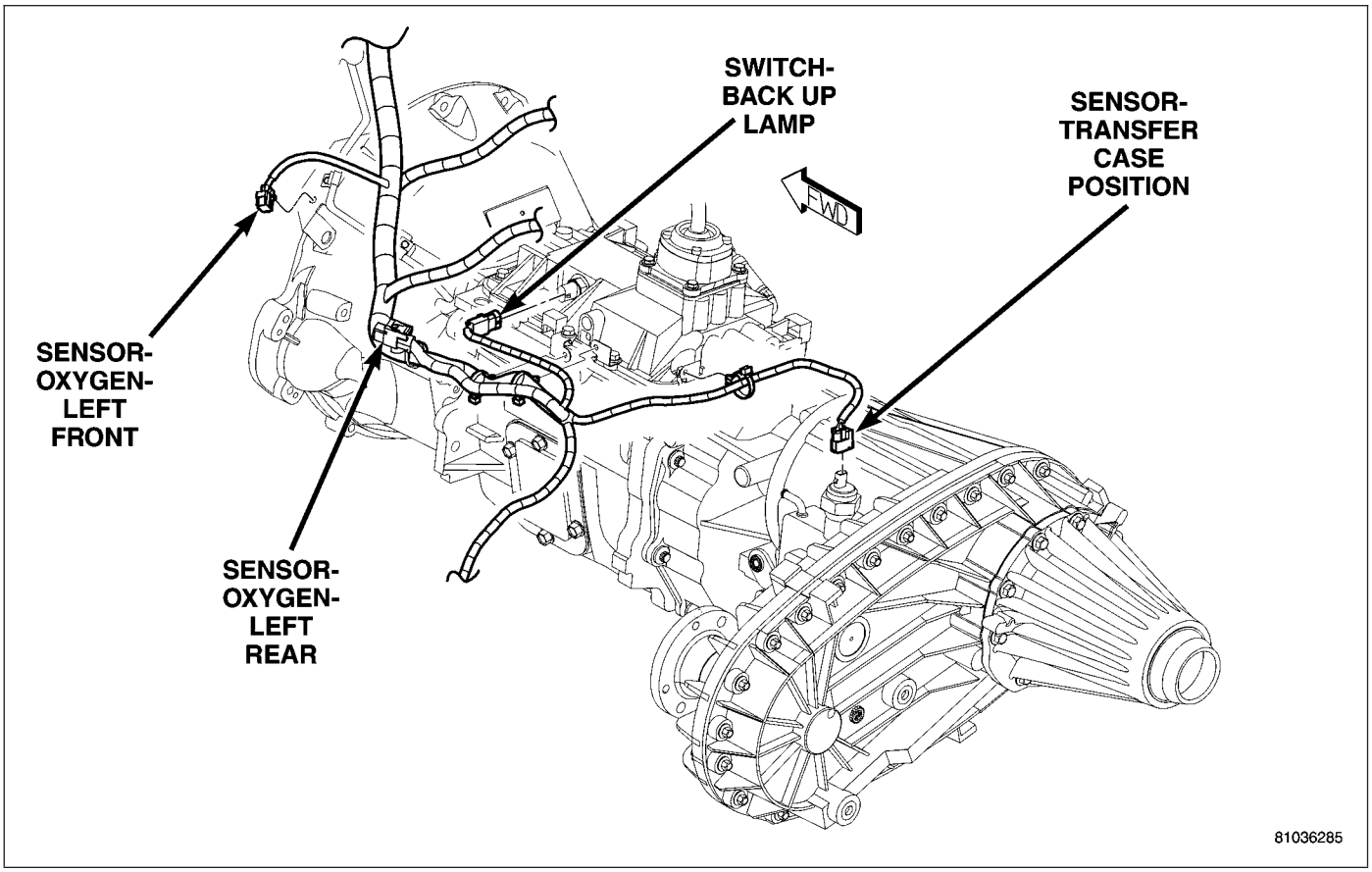


Fig. 25 MANUAL TRANSMISSION (5.7L/DIESEL)

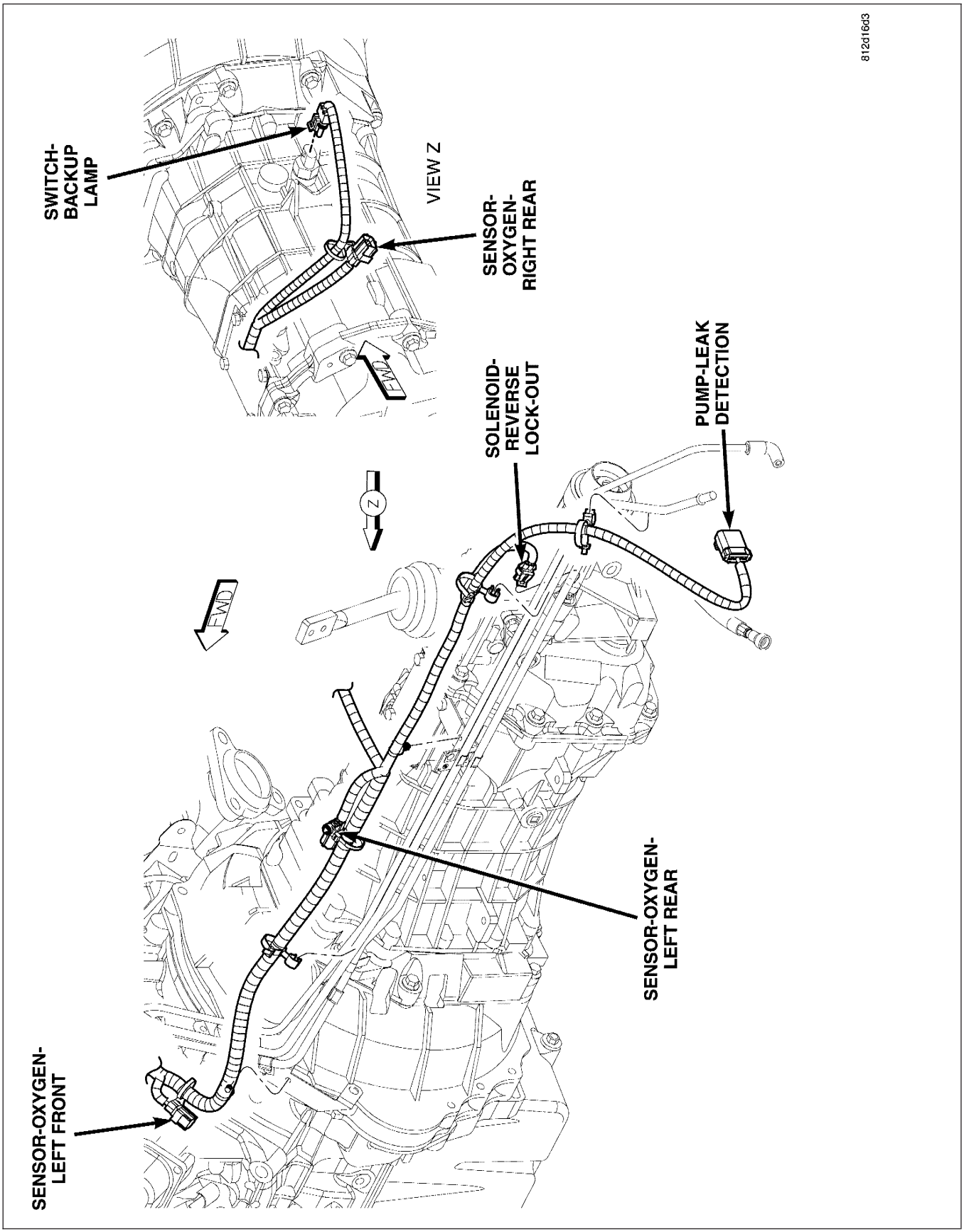


Fig. 26 MANUAL TRANSMISSION (SRT)

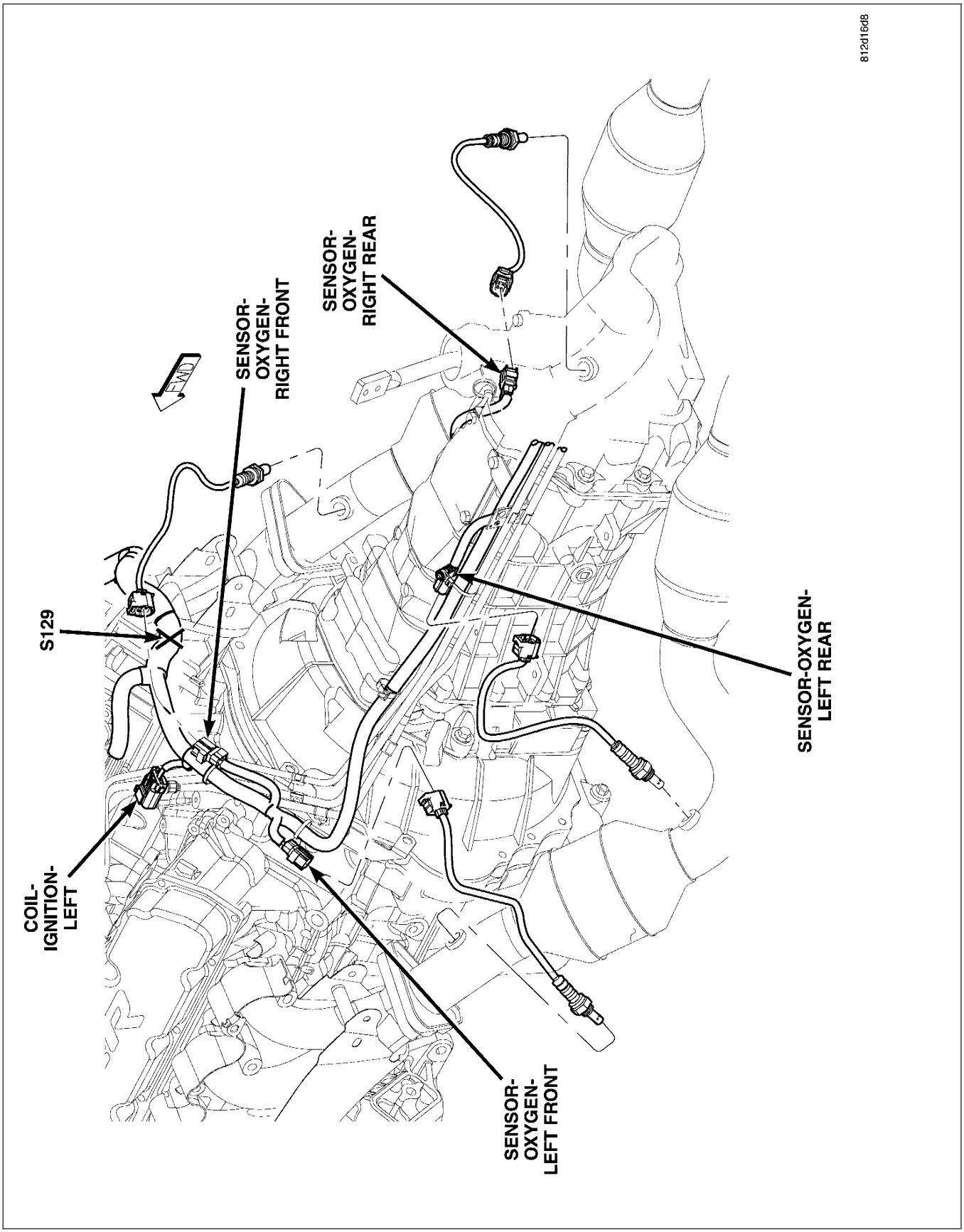


Fig. 27 TRANSMISSION AND EXHAUST (SRT)

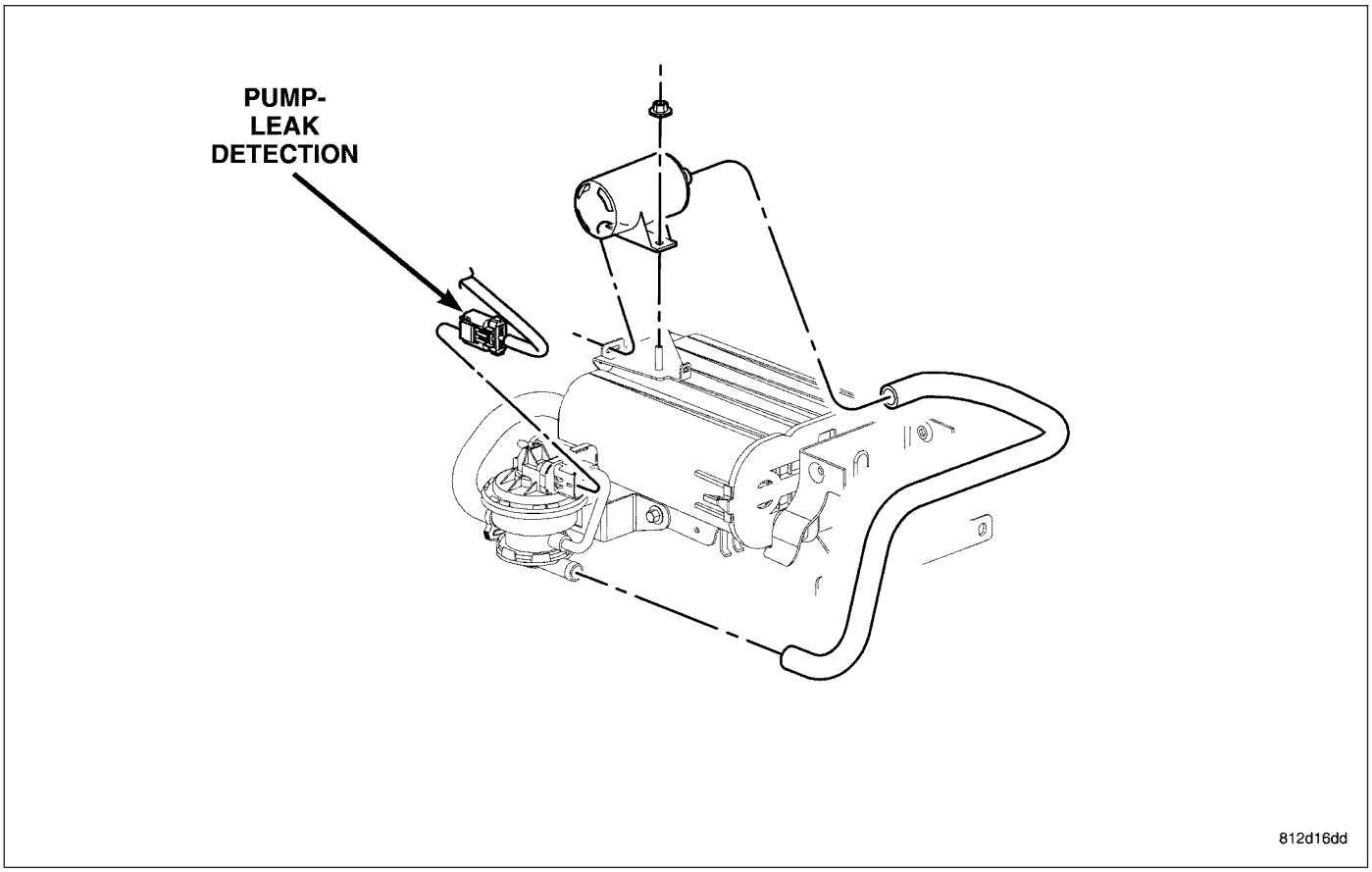


Fig. 28 LEAK DETECTION PUMP (SRT)

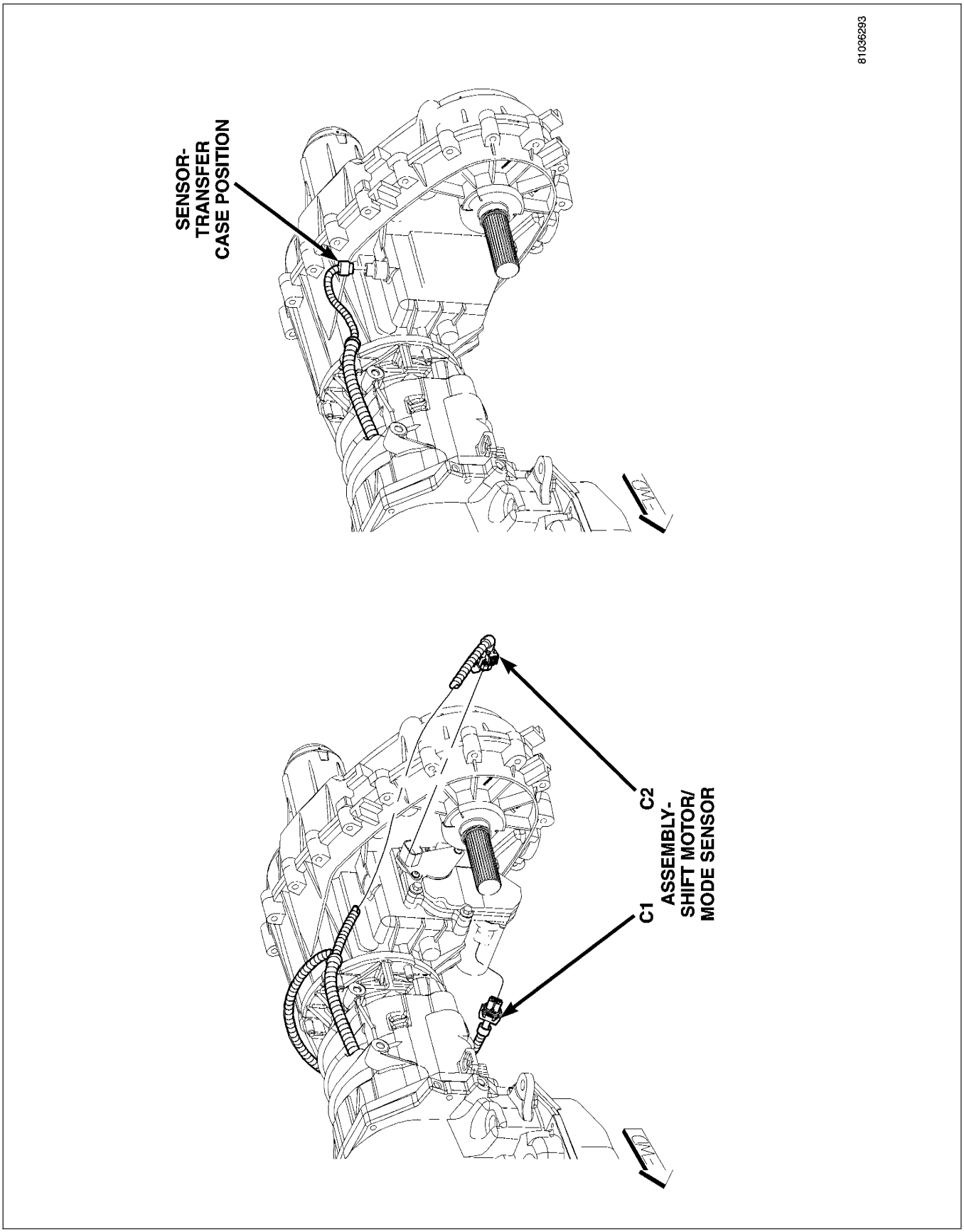


Fig. 29 LEFT FRONT TRANSFER CASE

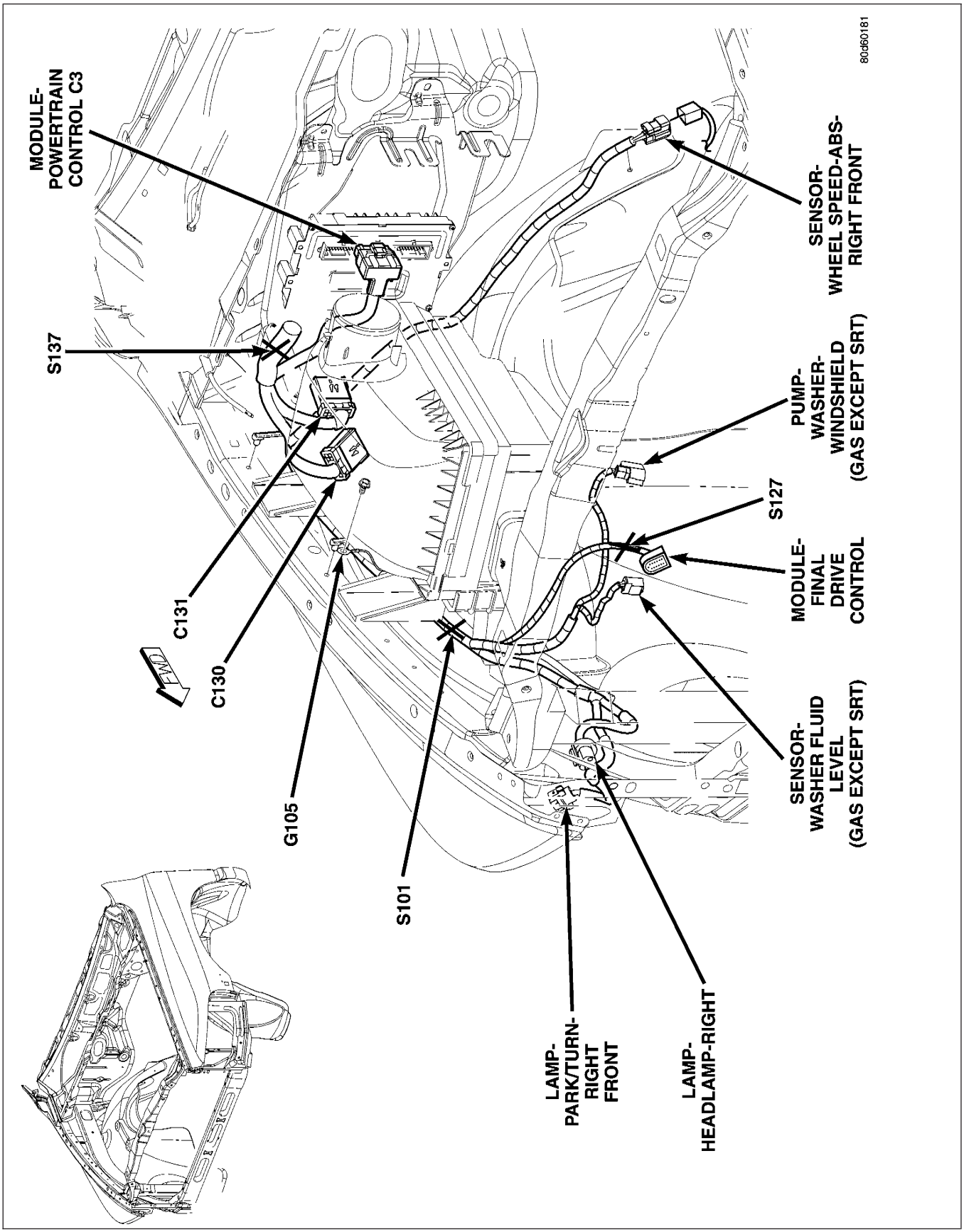


Fig. 30 RIGHT SIDE ENGINE COMPARTMENT

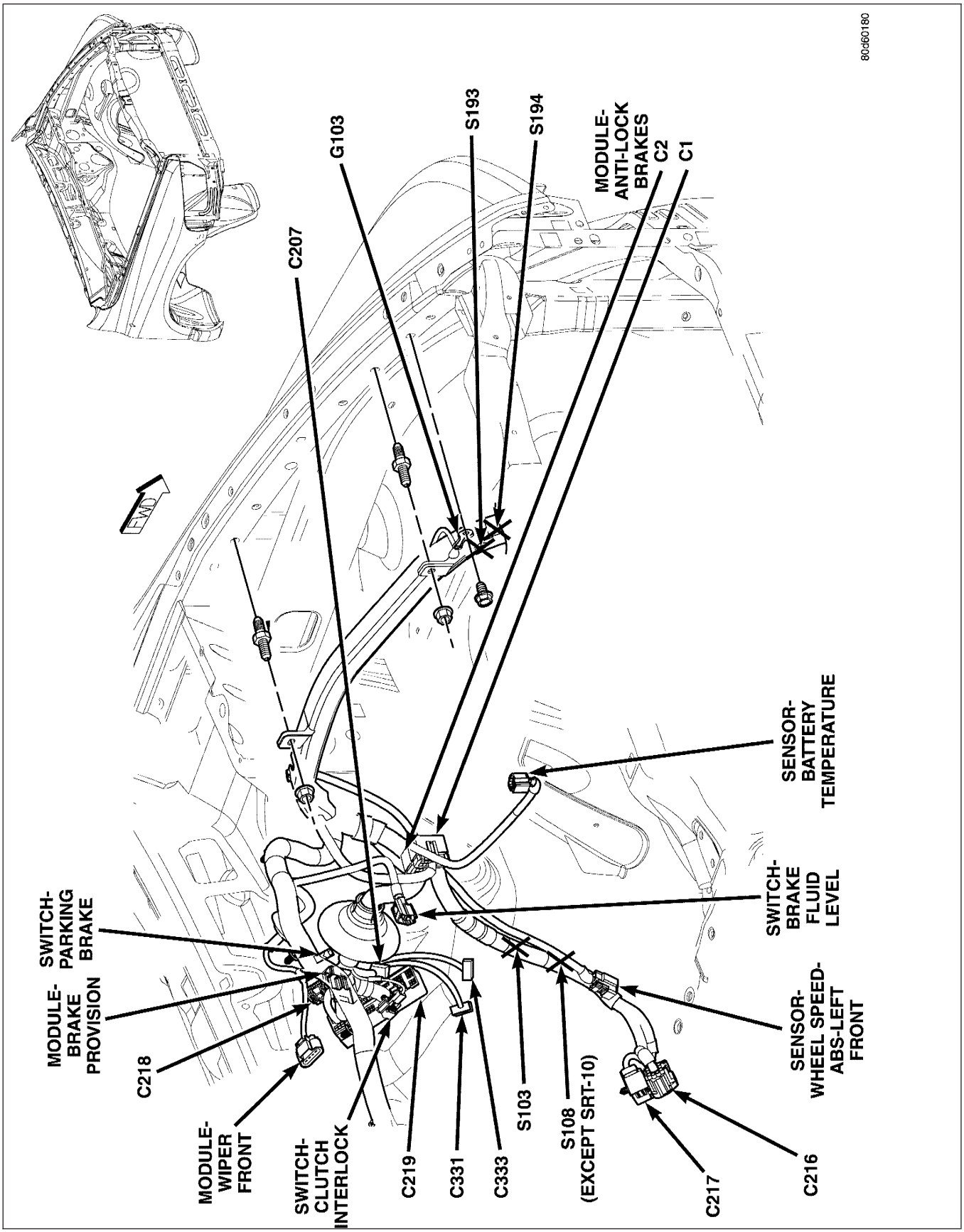


Fig. 31 LEFT REAR ENGINE COMPARTMENT

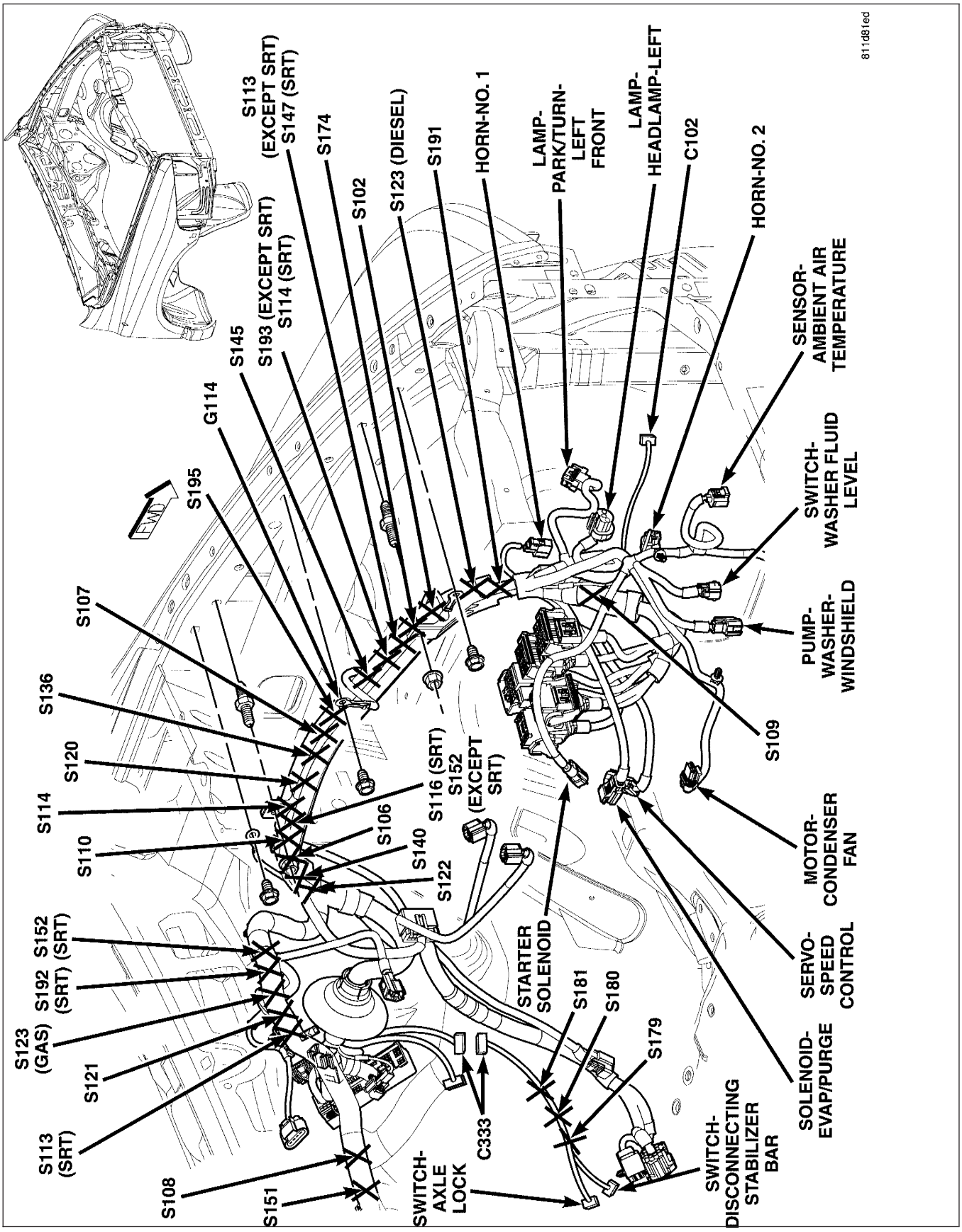


Fig. 32 LEFT ENGINE COMPARTMENT

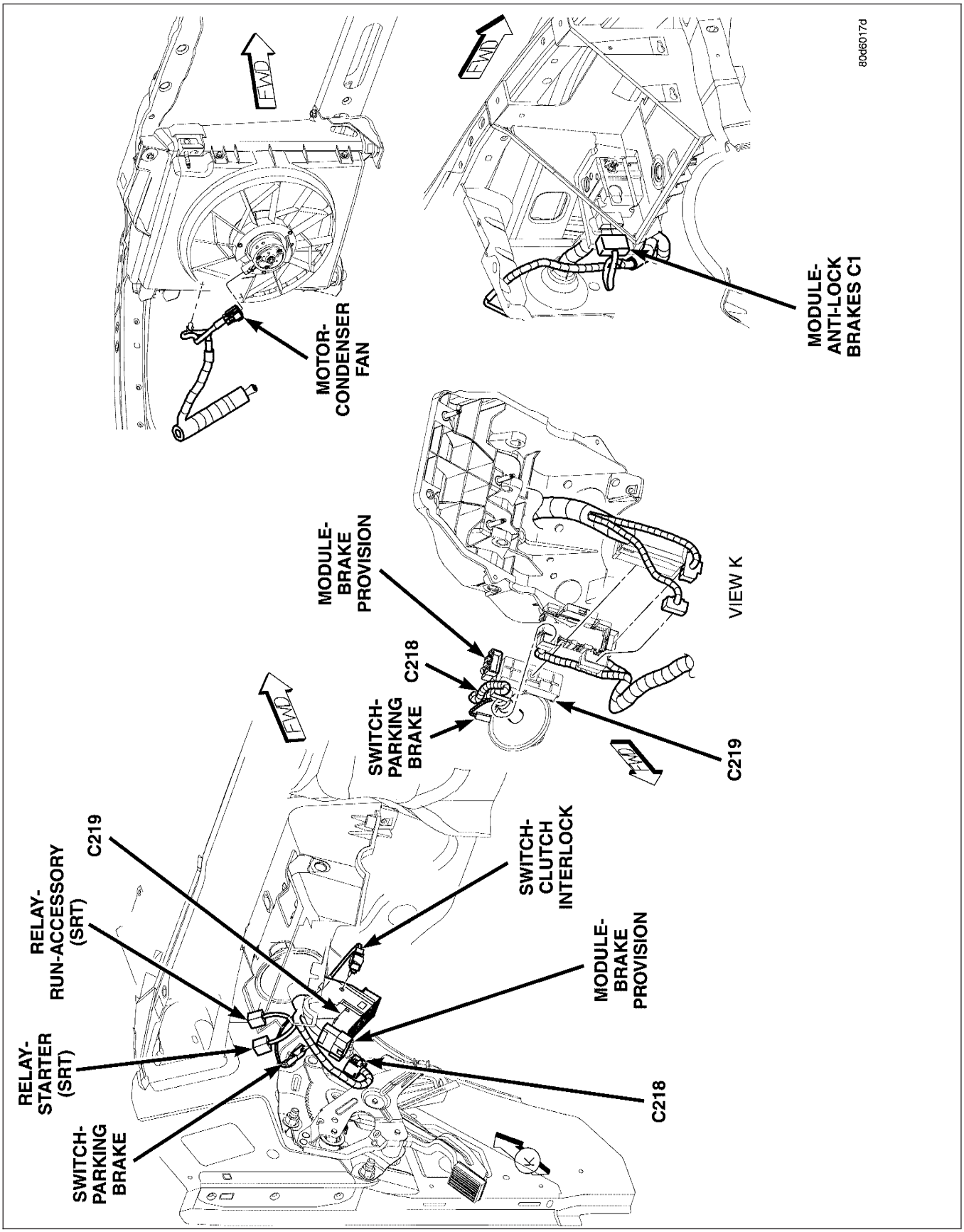


Fig. 33 ENGINE COMPARTMENT

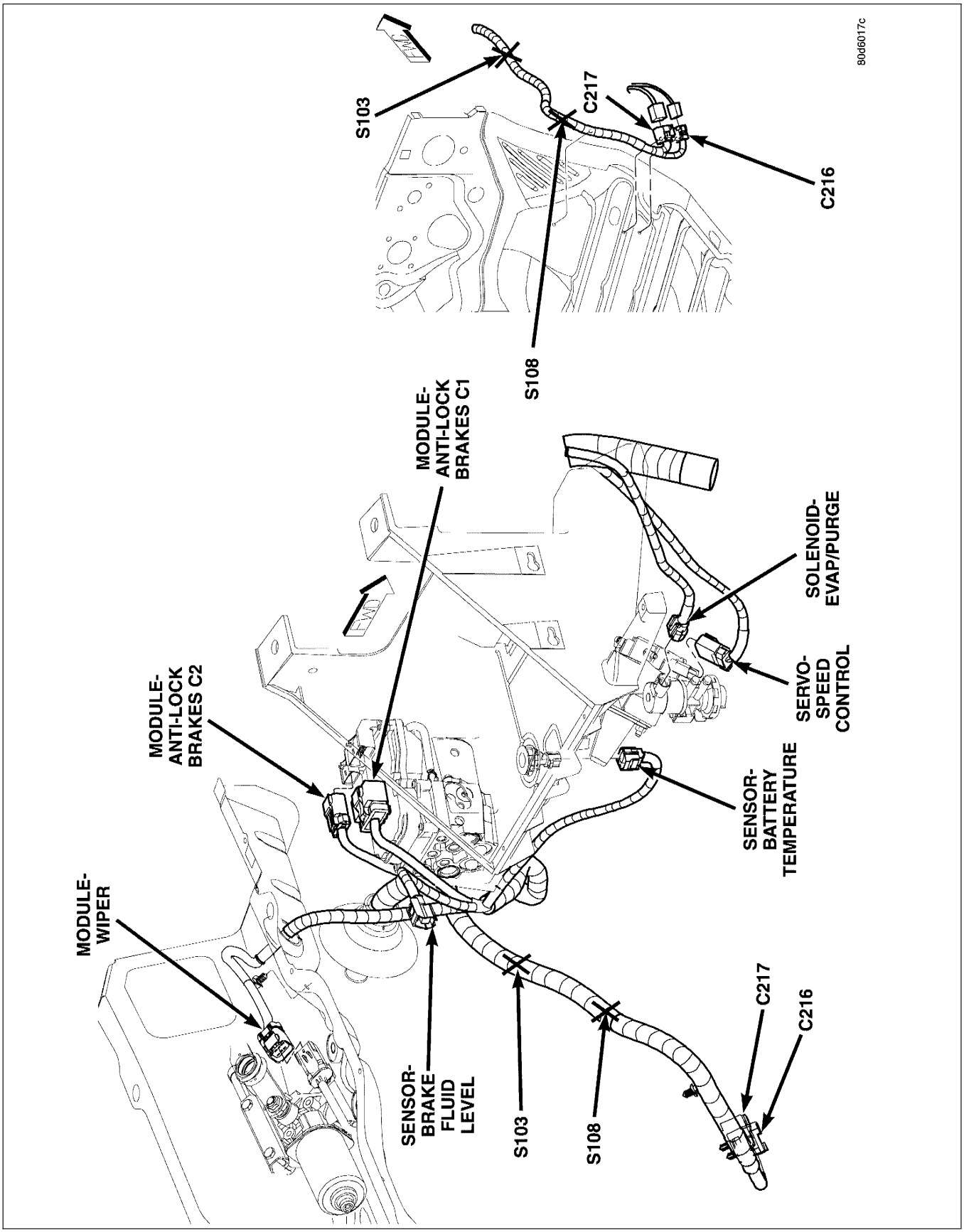


Fig. 34 LEFT SIDE ENGINE COMPARTMENT

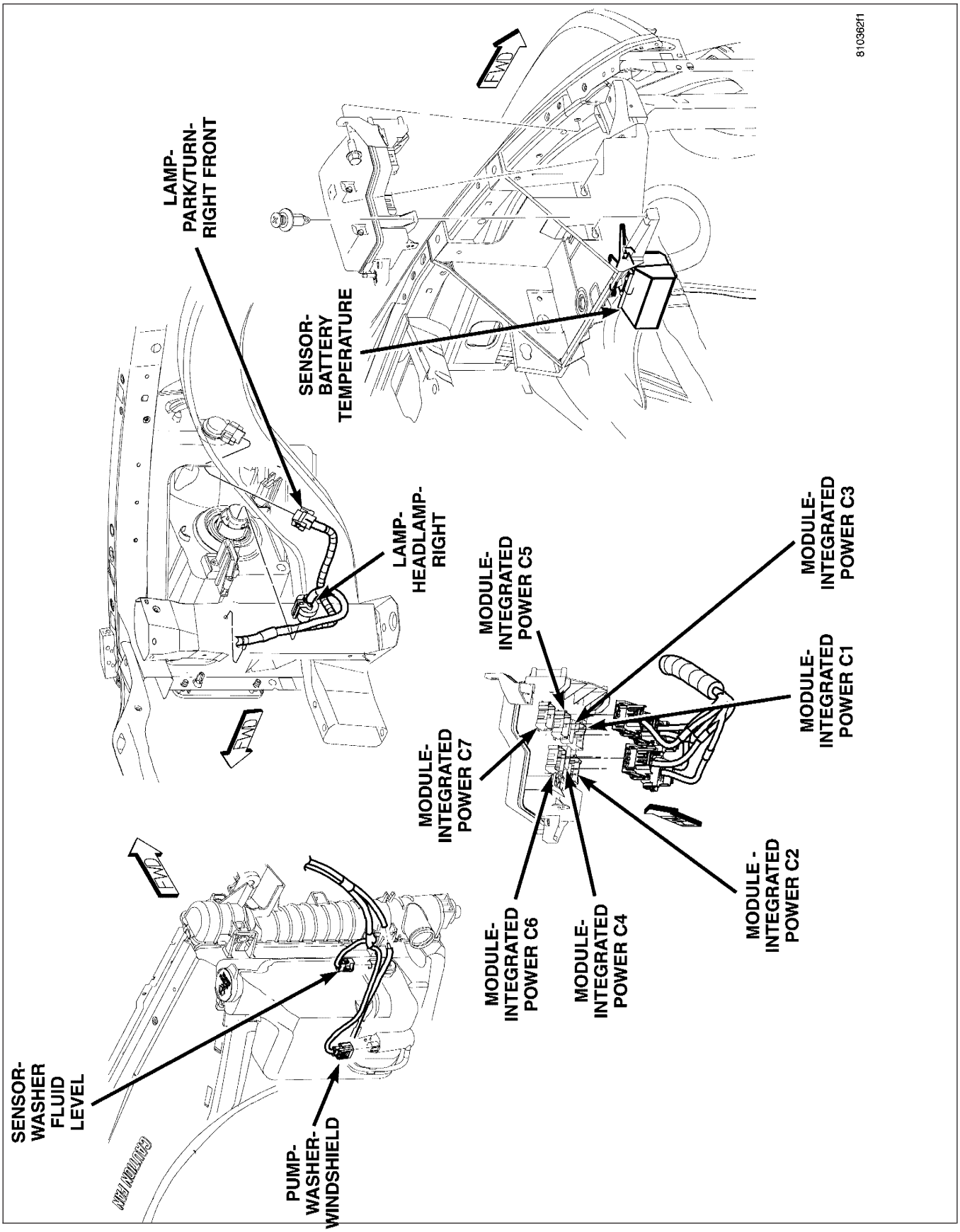


Fig. 35 LEFT FRONT ENGINE COMPARTMENT

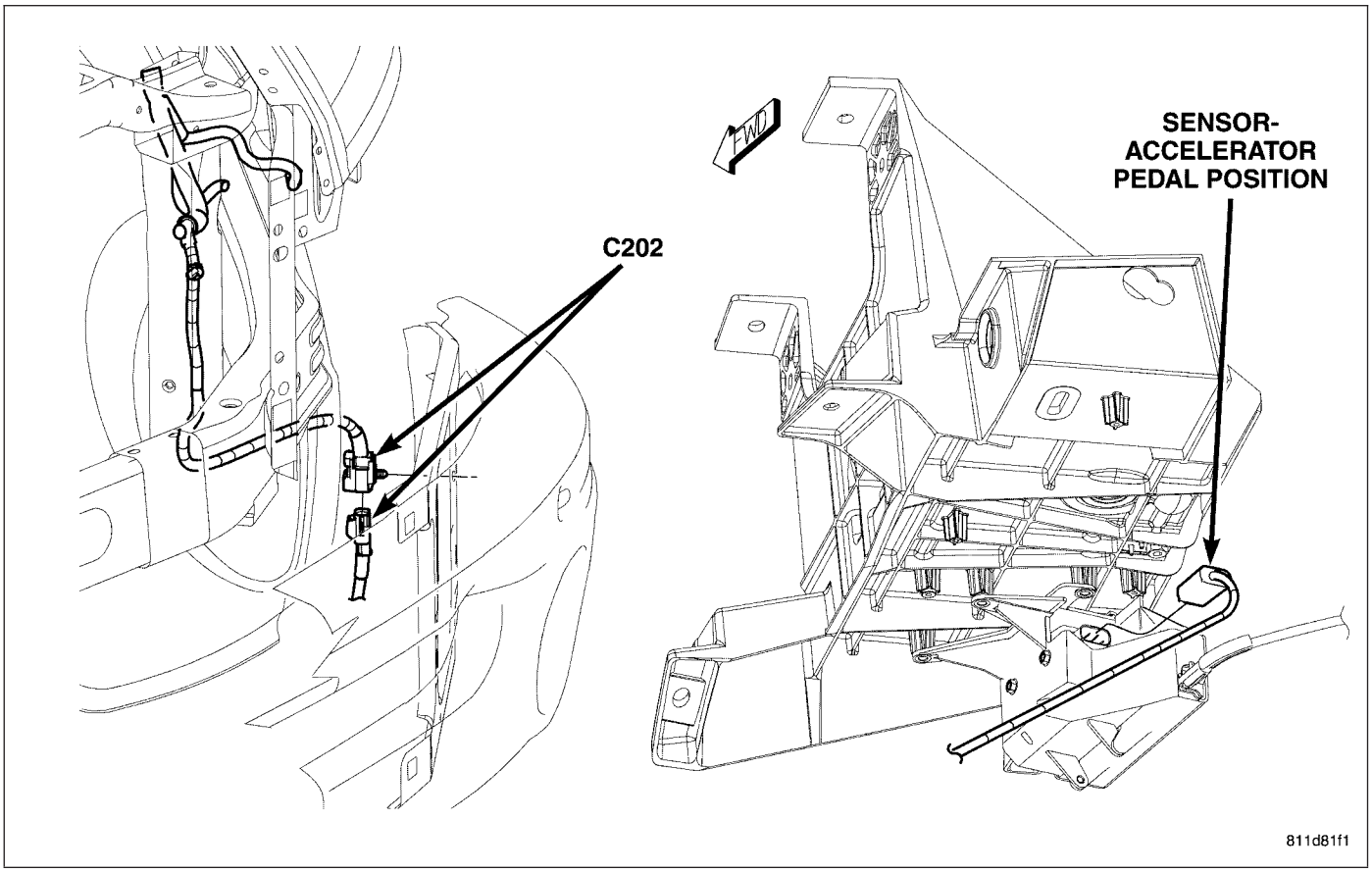


Fig. 36 LEFT FRONT FACIA AND BATTERY TRAY

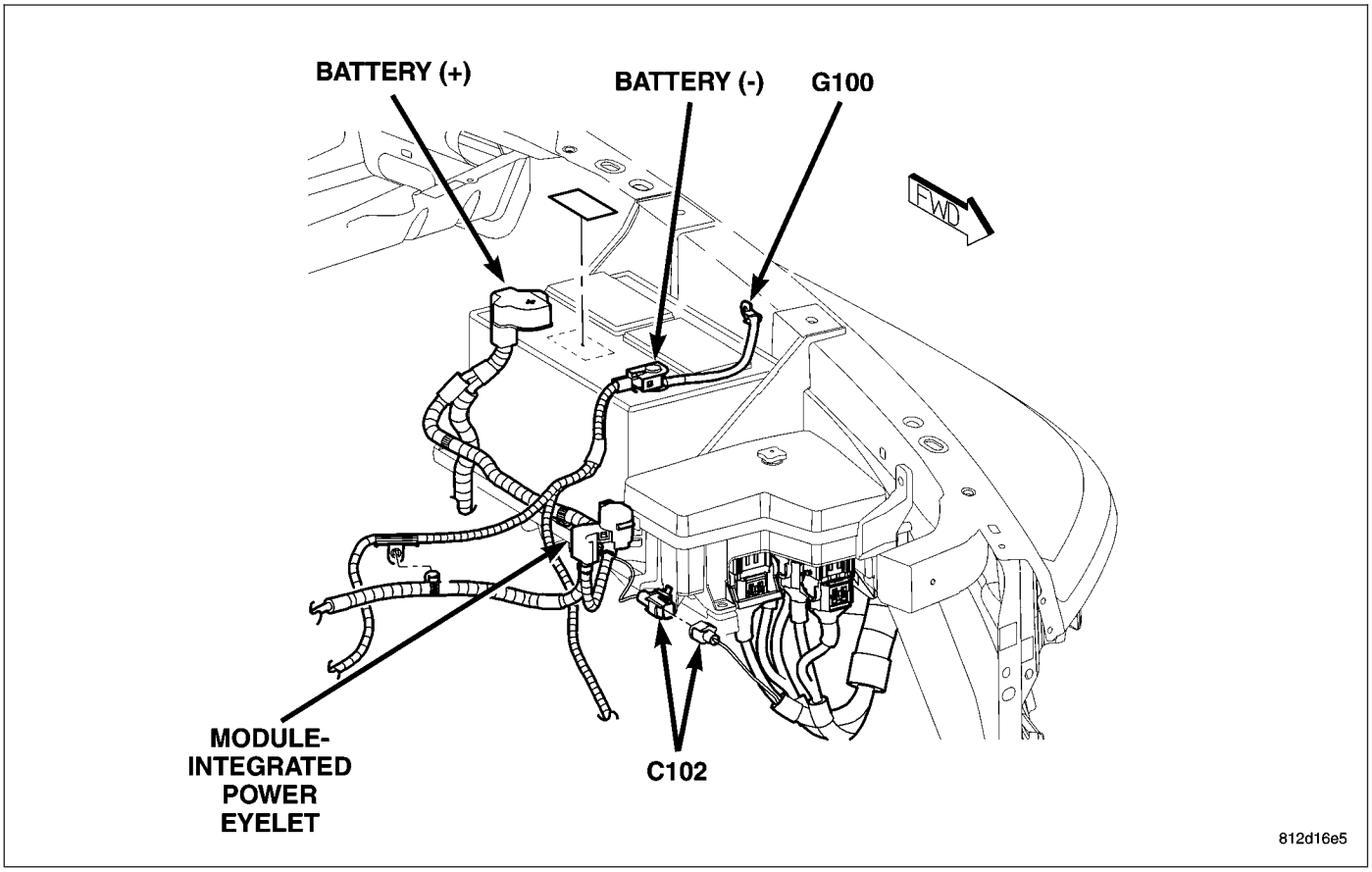


Fig. 37 BATTERY

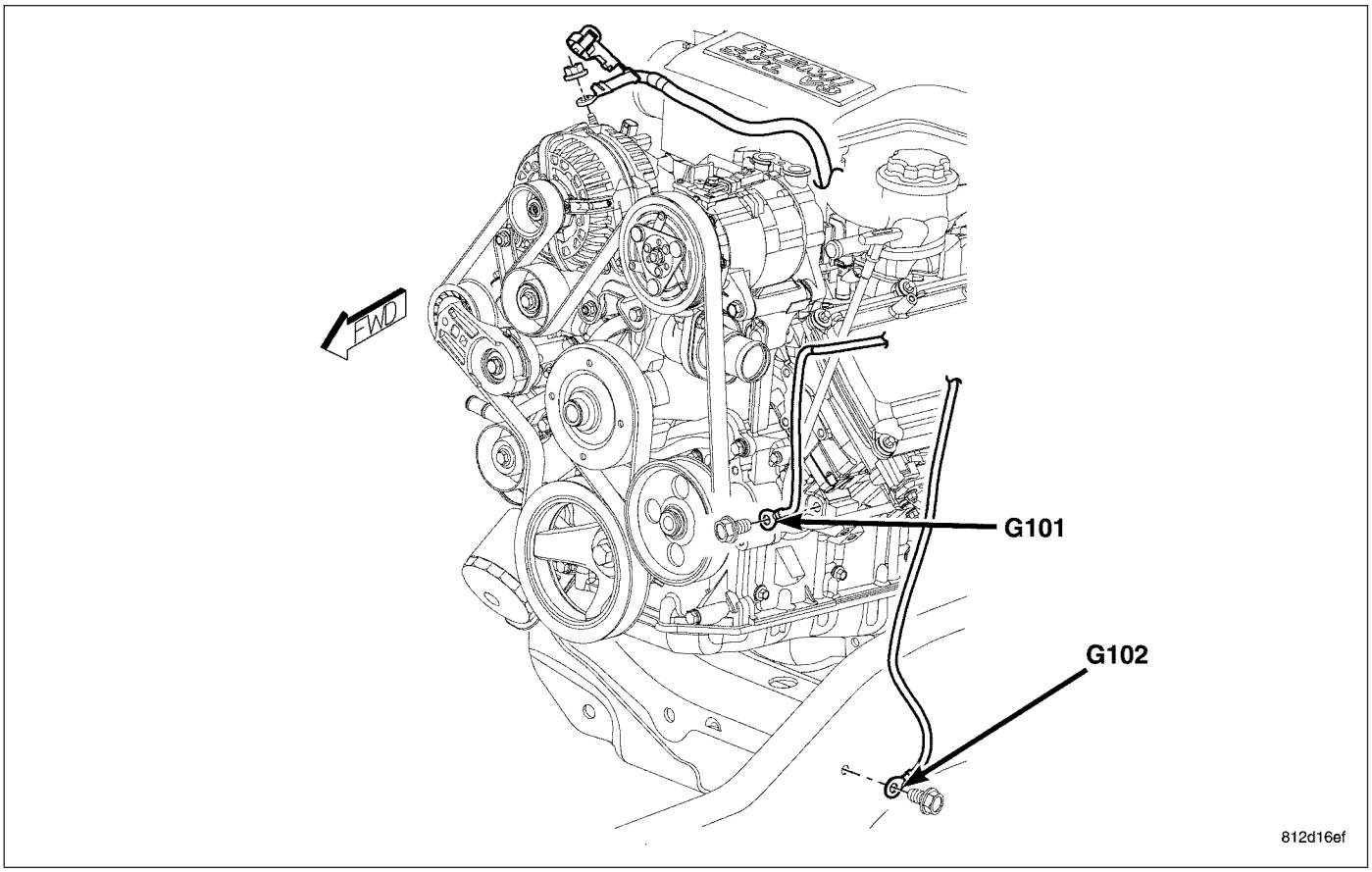


Fig. 38 BATTERY GROUNDS

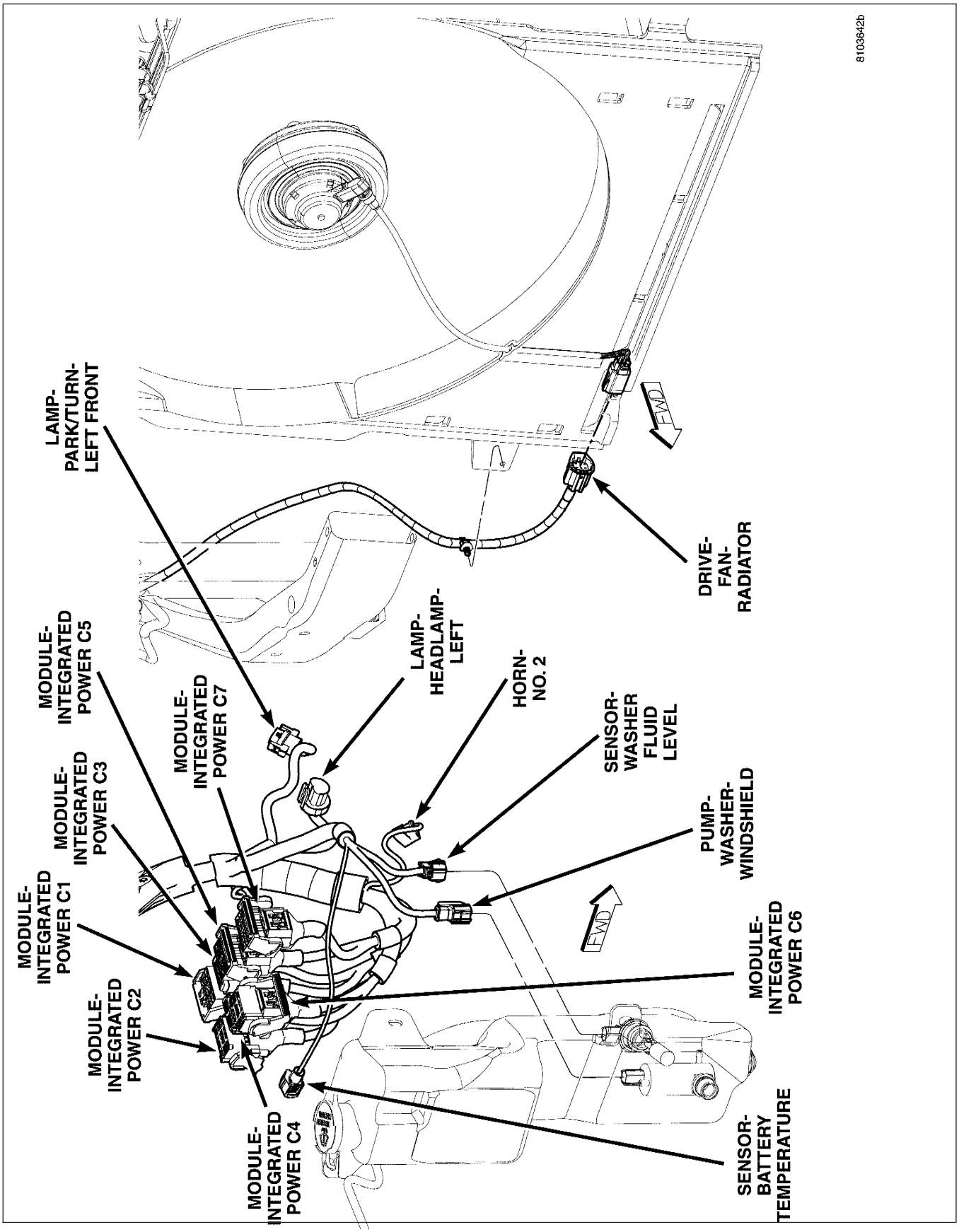


Fig. 39 INTEGRATED POWER MODULE AND FAN

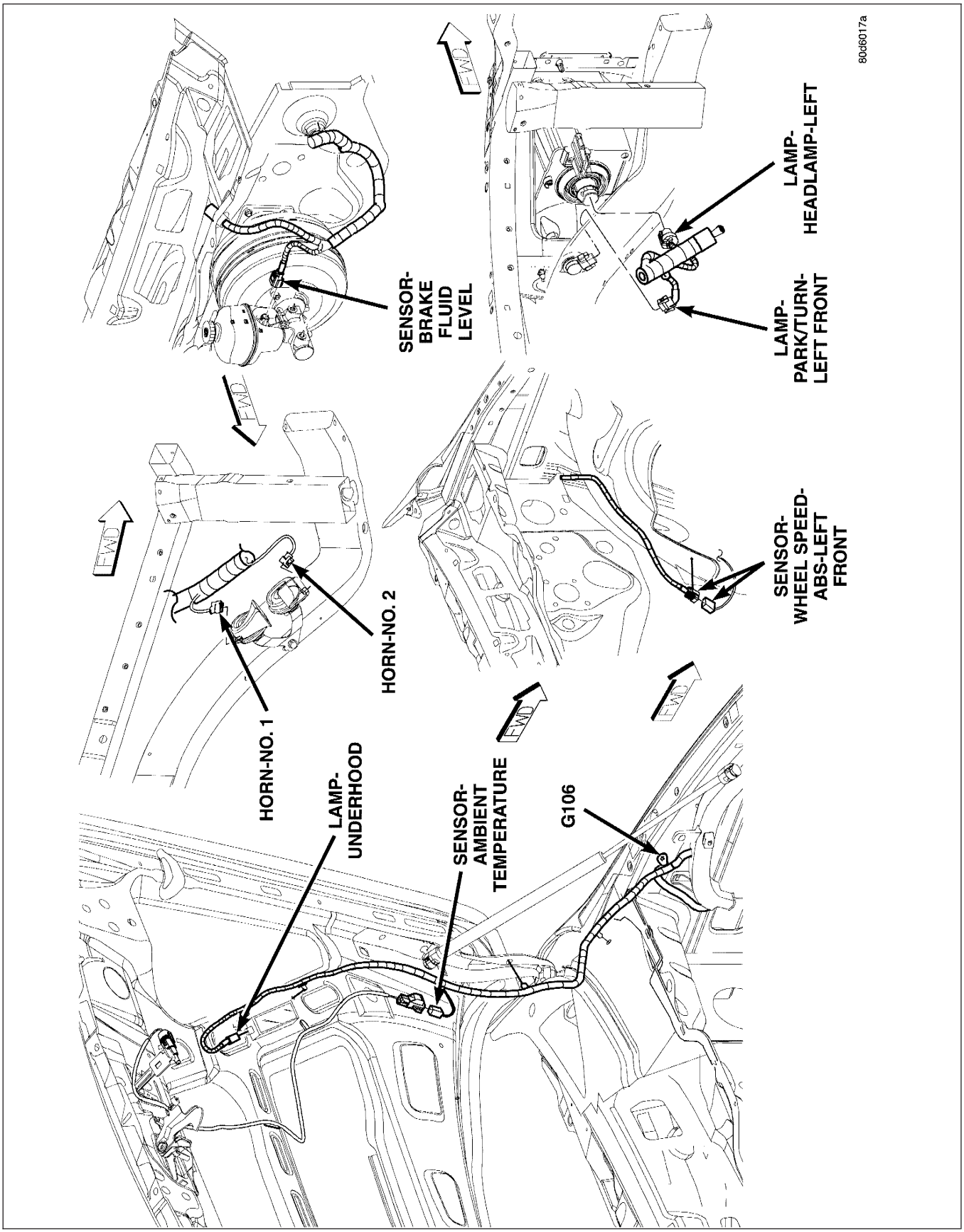


Fig. 40 LEFT SIDE ENGINE COMPARTMENT AND HOOD

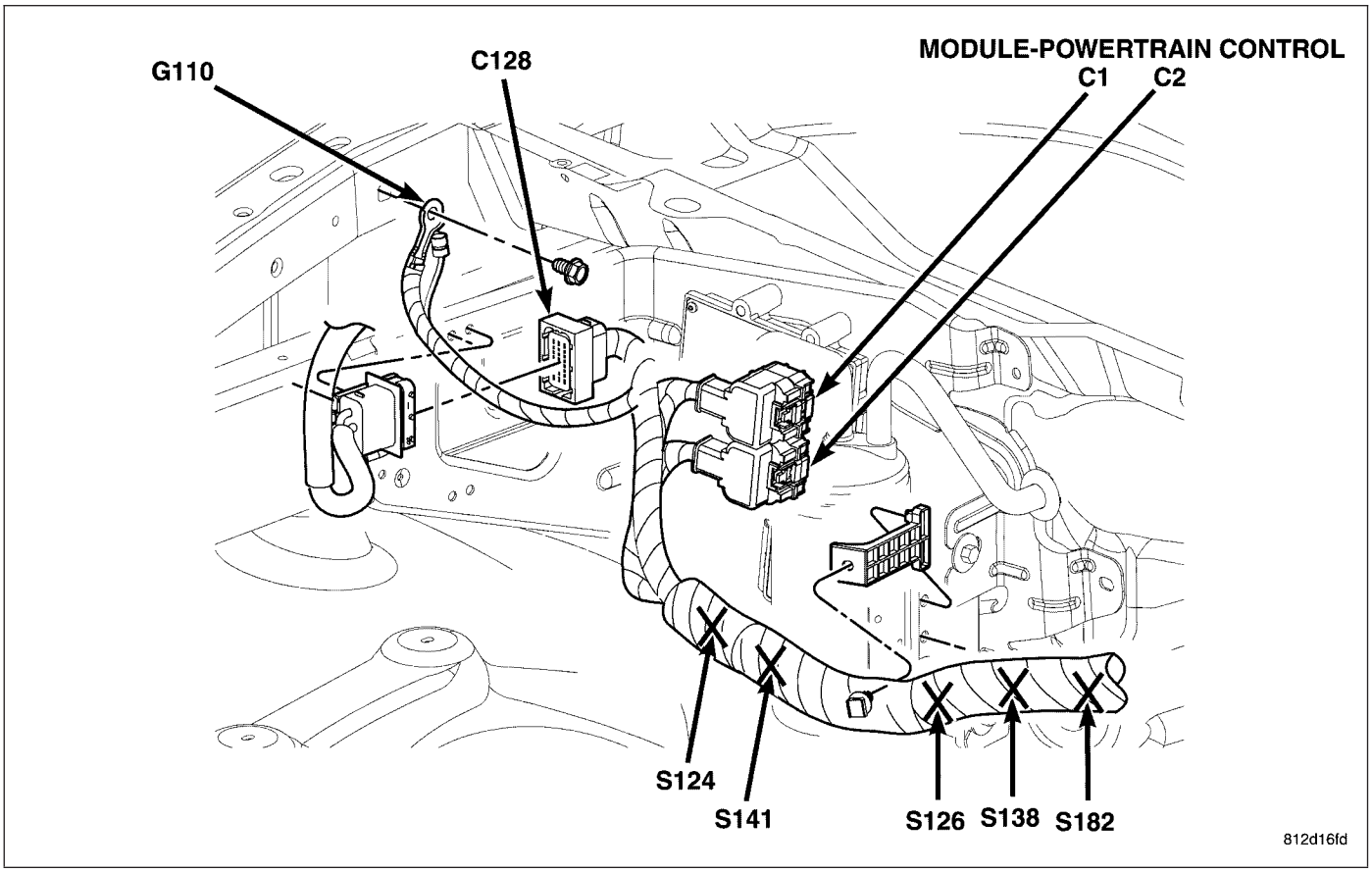


Fig. 41 RIGHT REAR ENGINE WIRING (SRT-10)

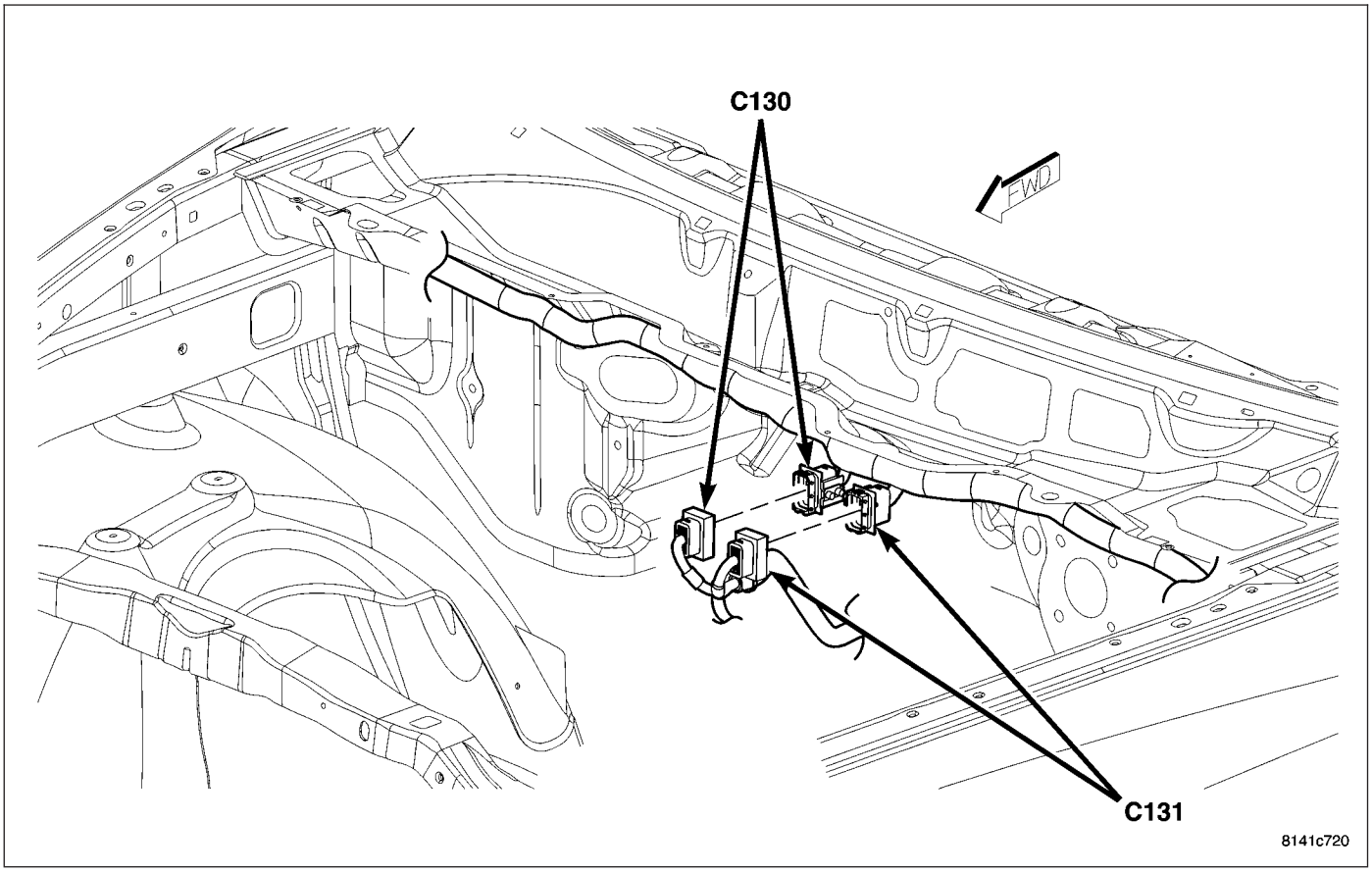


Fig. 42 REAR ENGINE COMPARTMENT INLINES (DIESEL)

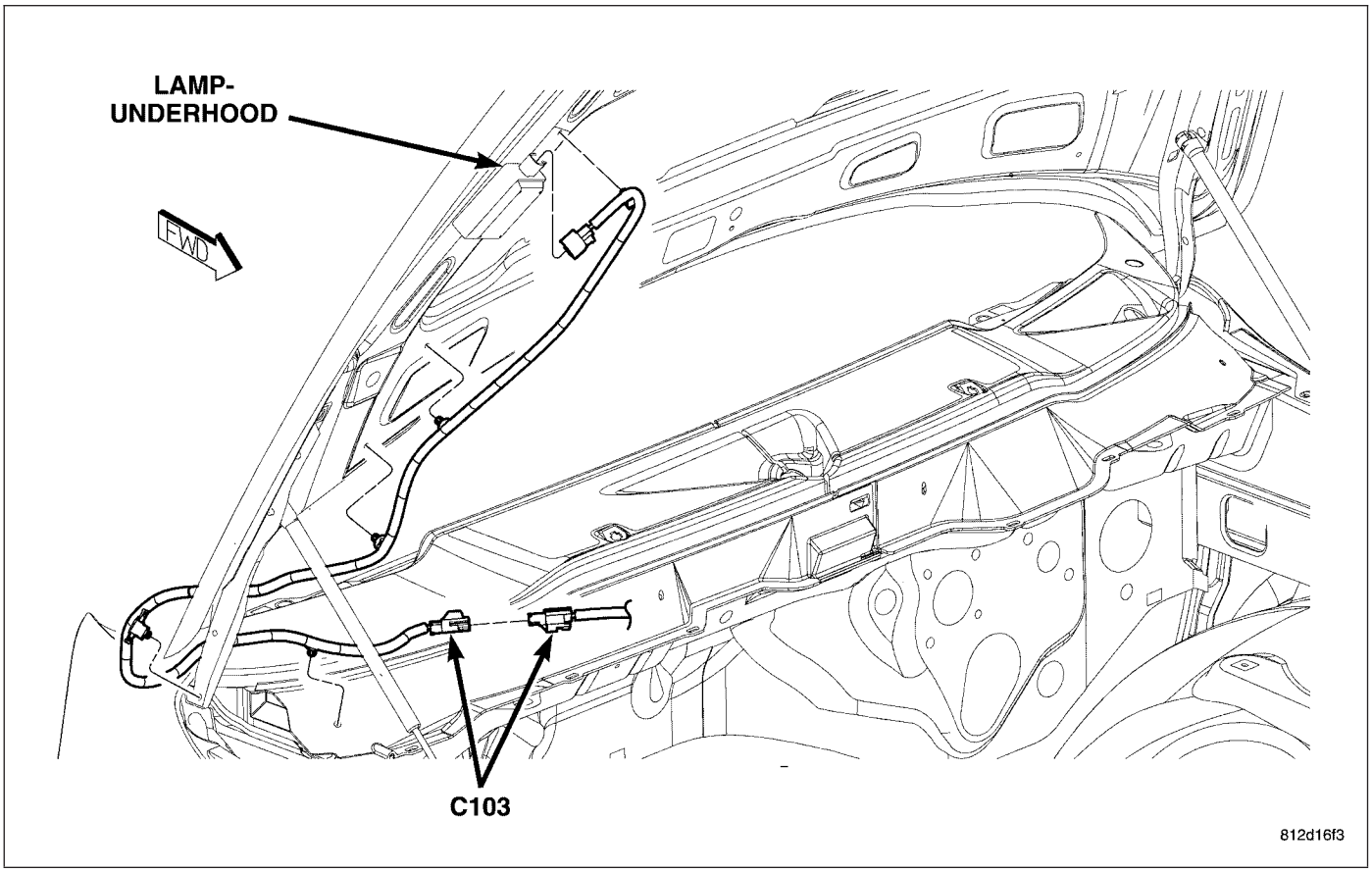


Fig. 43 HOOD

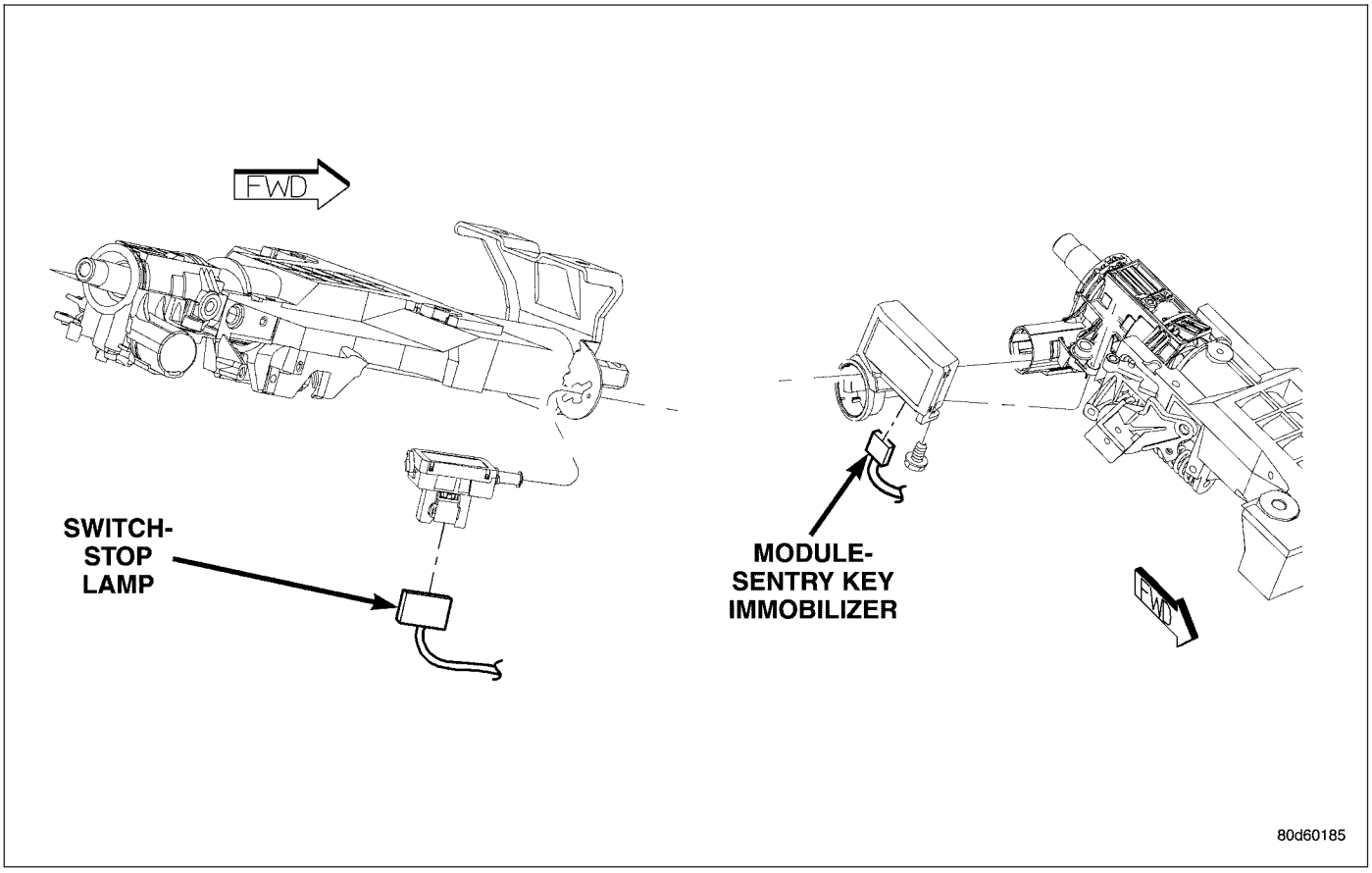


Fig. 44 STEERING COLUMN

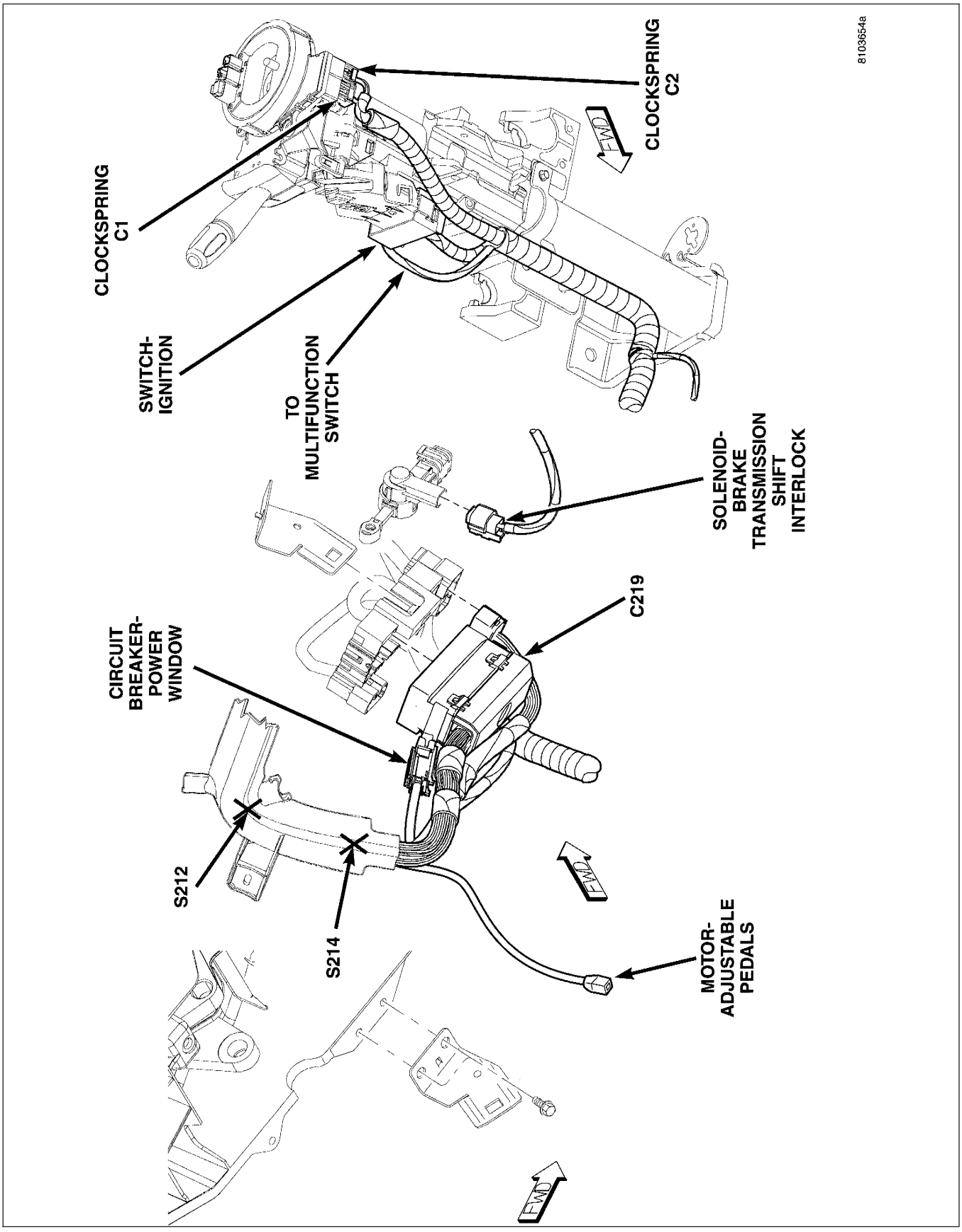


Fig. 45 LEFT STEERING COLUMN

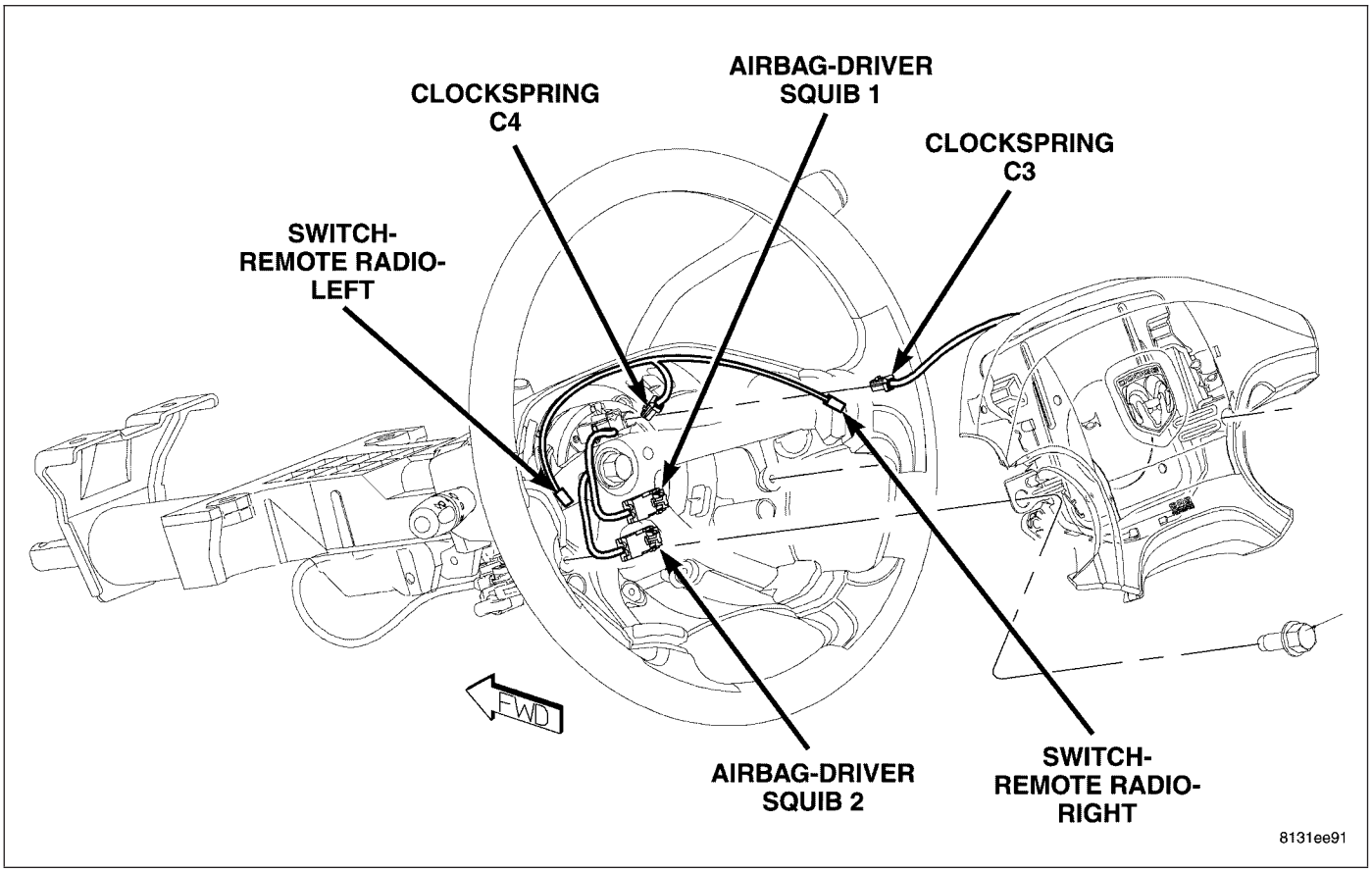


Fig. 46 STEERING WHEEL

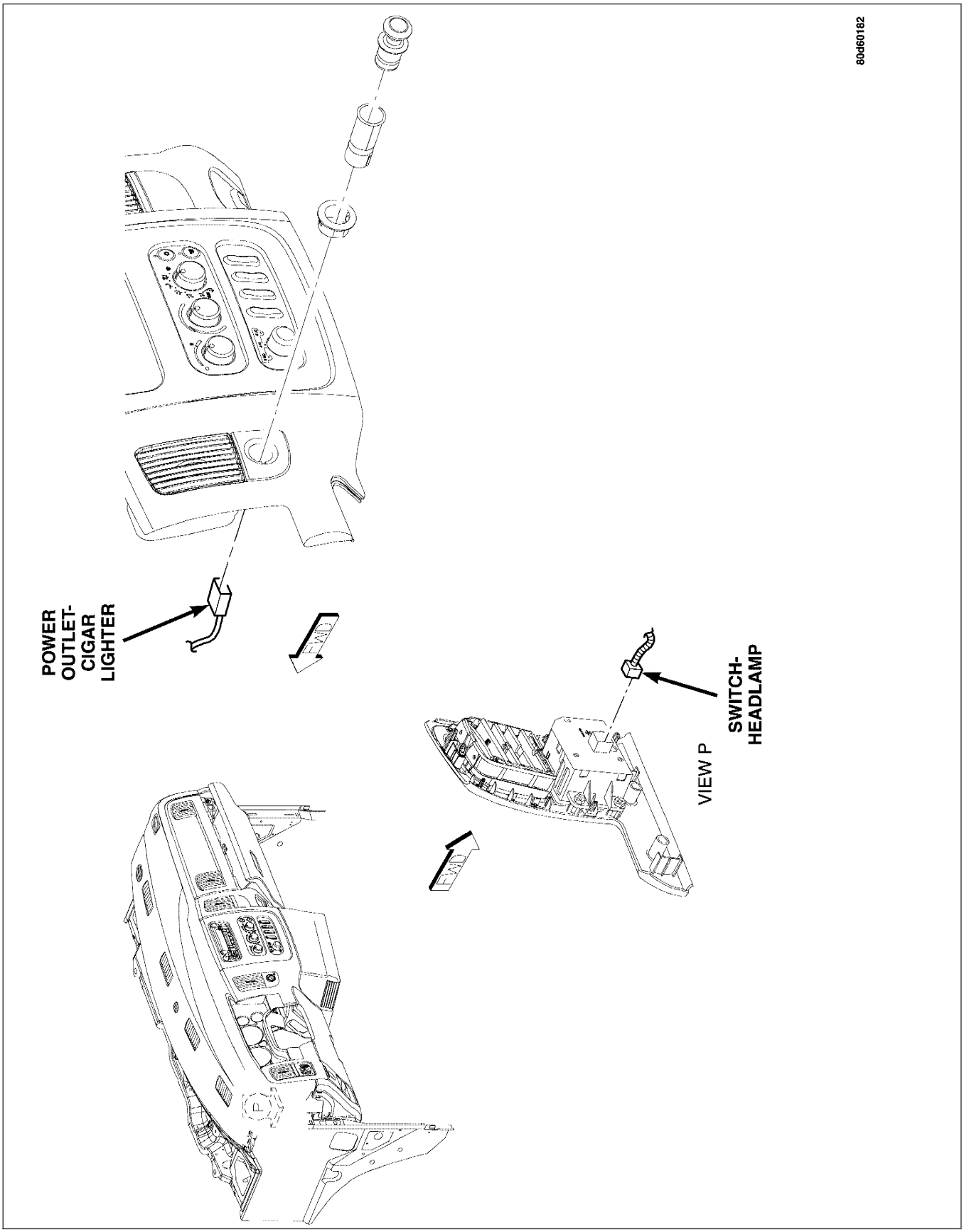


Fig. 47 INSTRUMENT PANEL

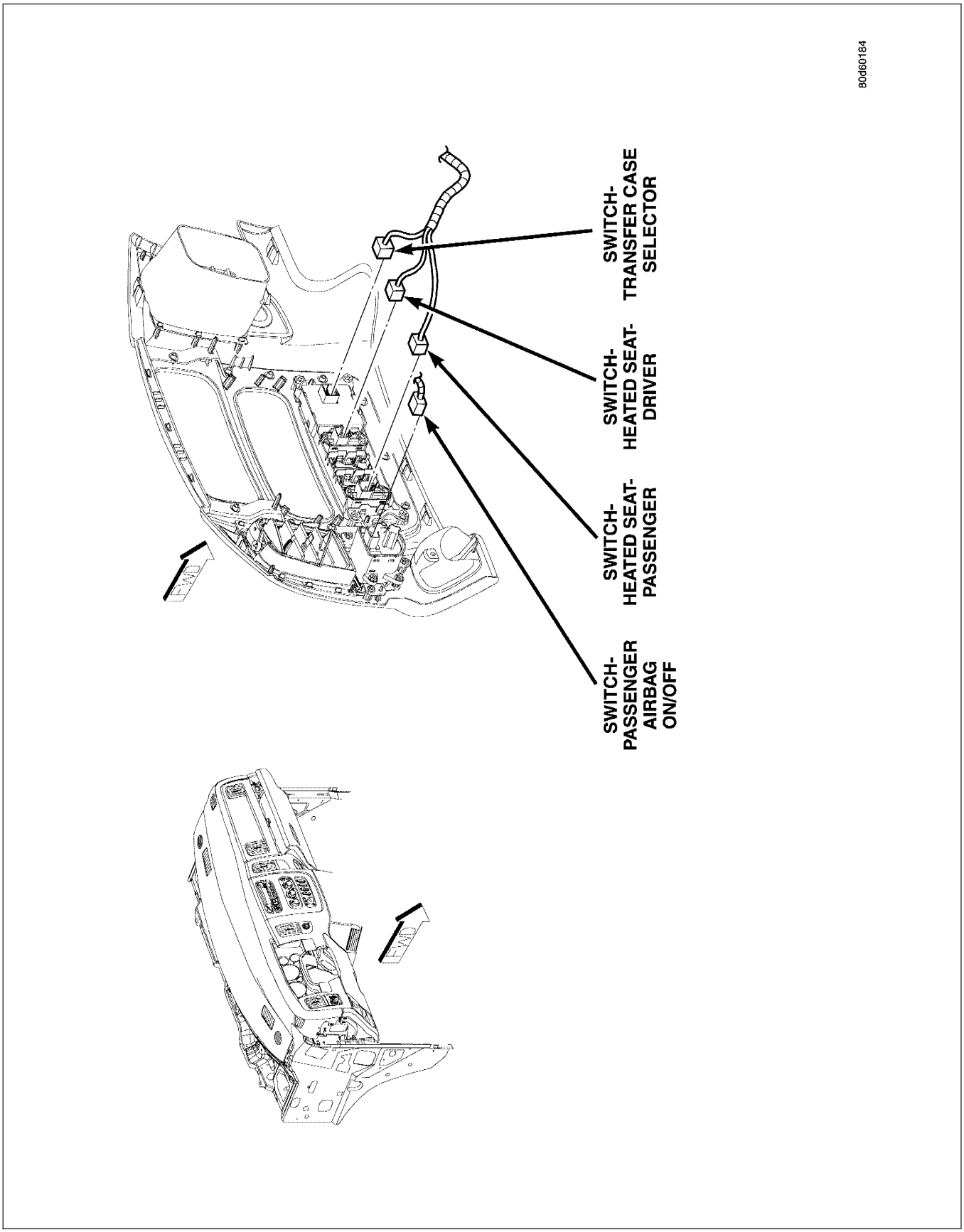


Fig. 48 REAR INSTRUMENT PANEL

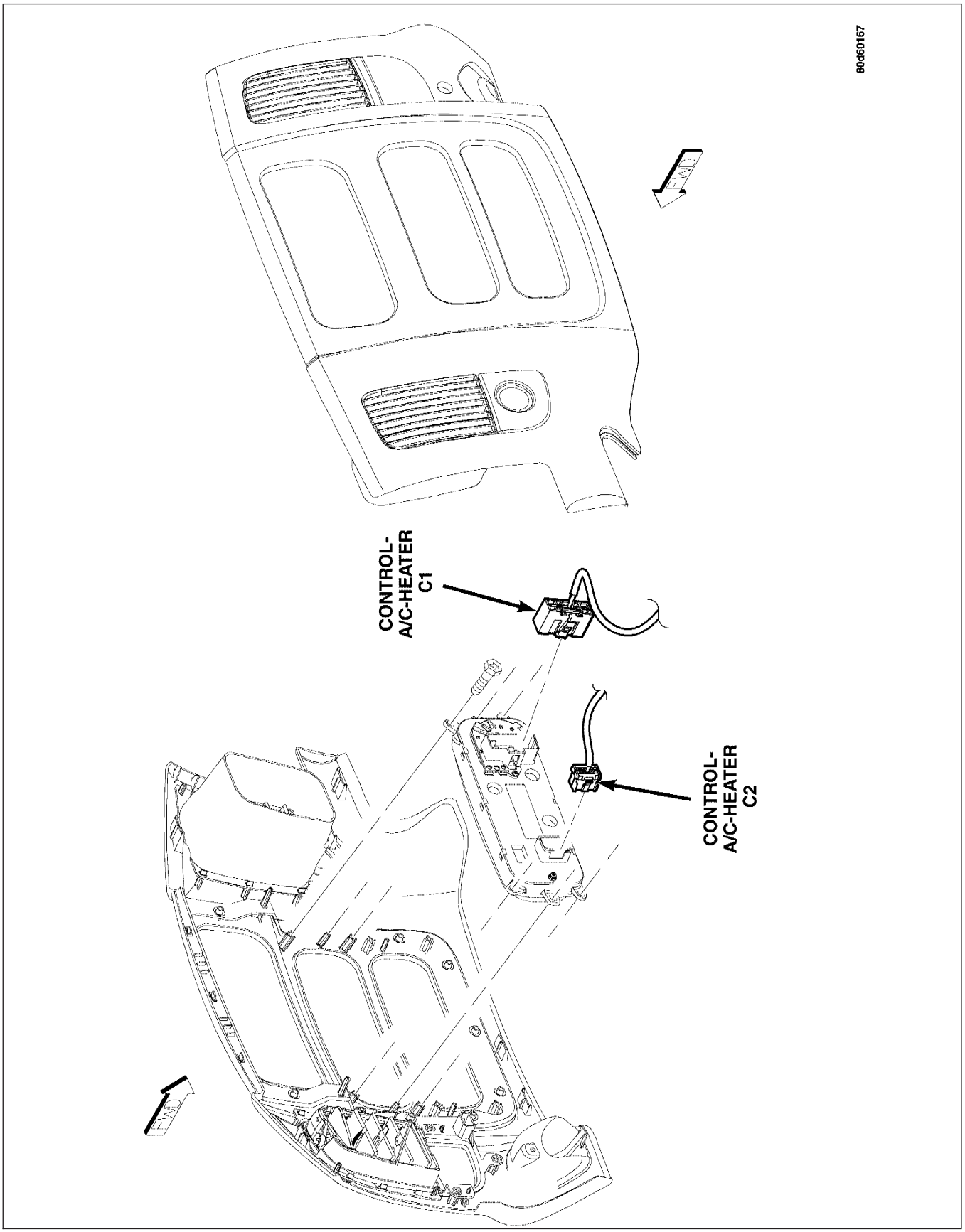


Fig. 49 CENTER INSTRUMENT PANEL

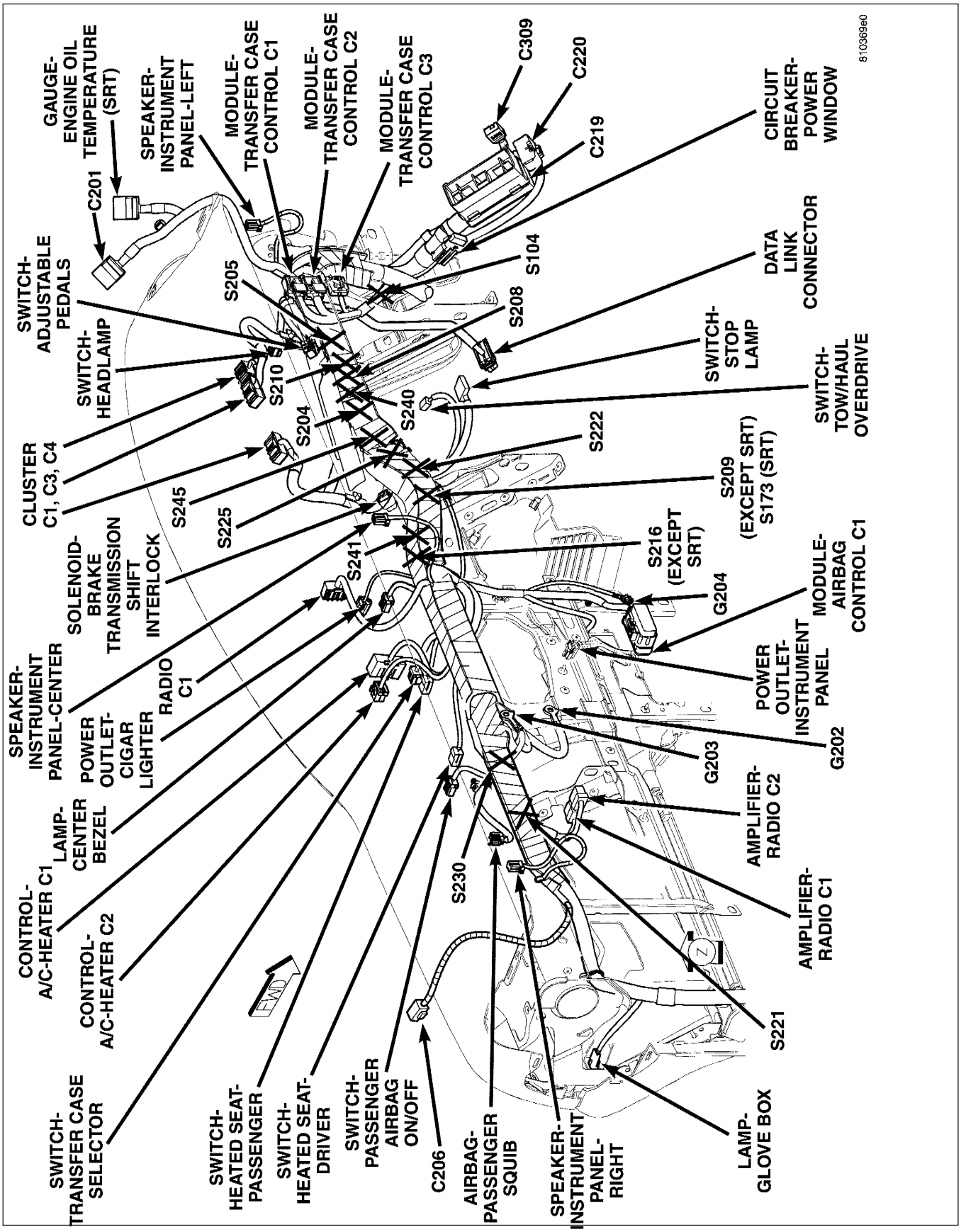


Fig. 50 INSTRUMENT PANEL

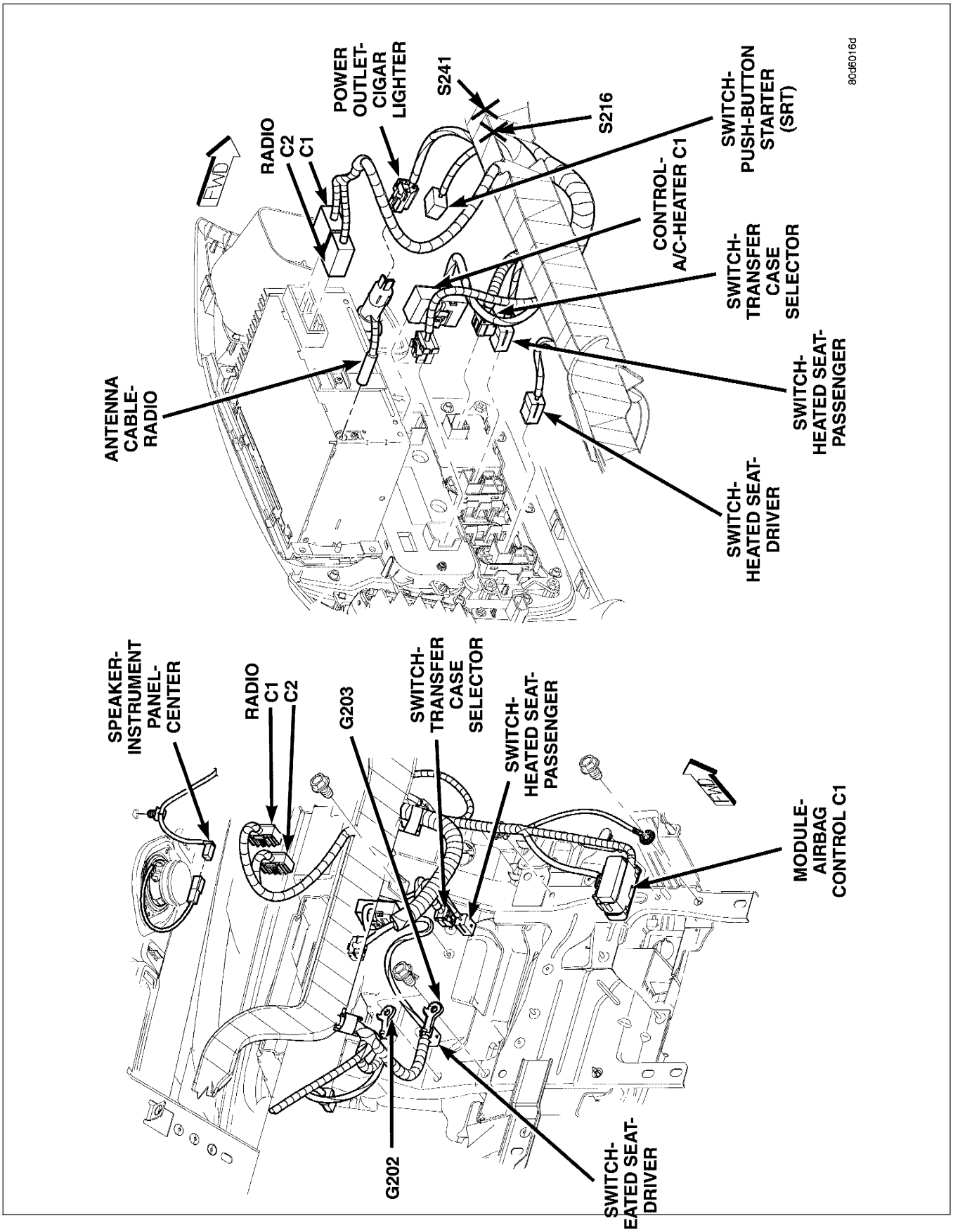


Fig. 51 CENTER INSTRUMENT PANEL

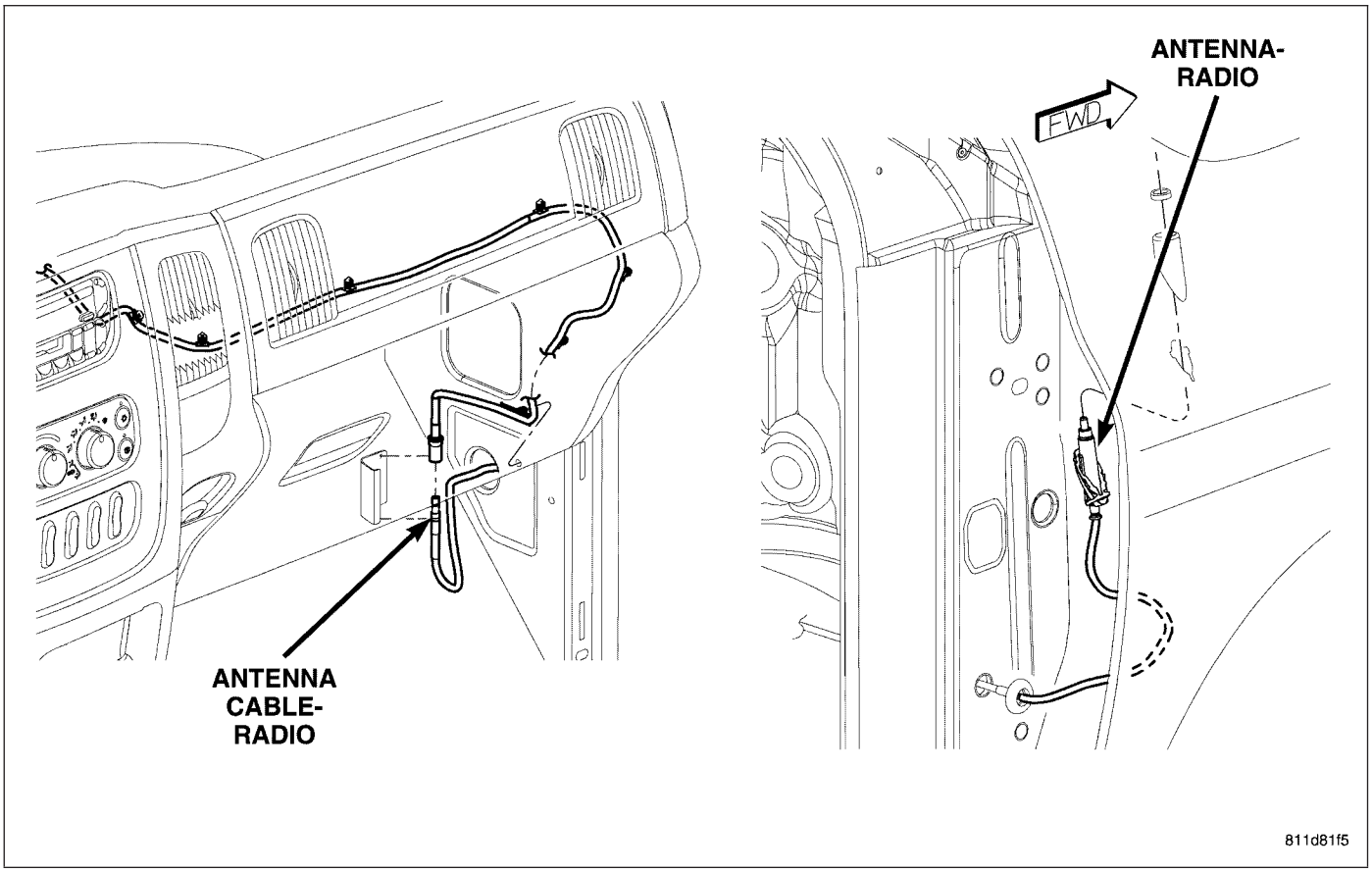


Fig. 52 RADIO ANTENNA

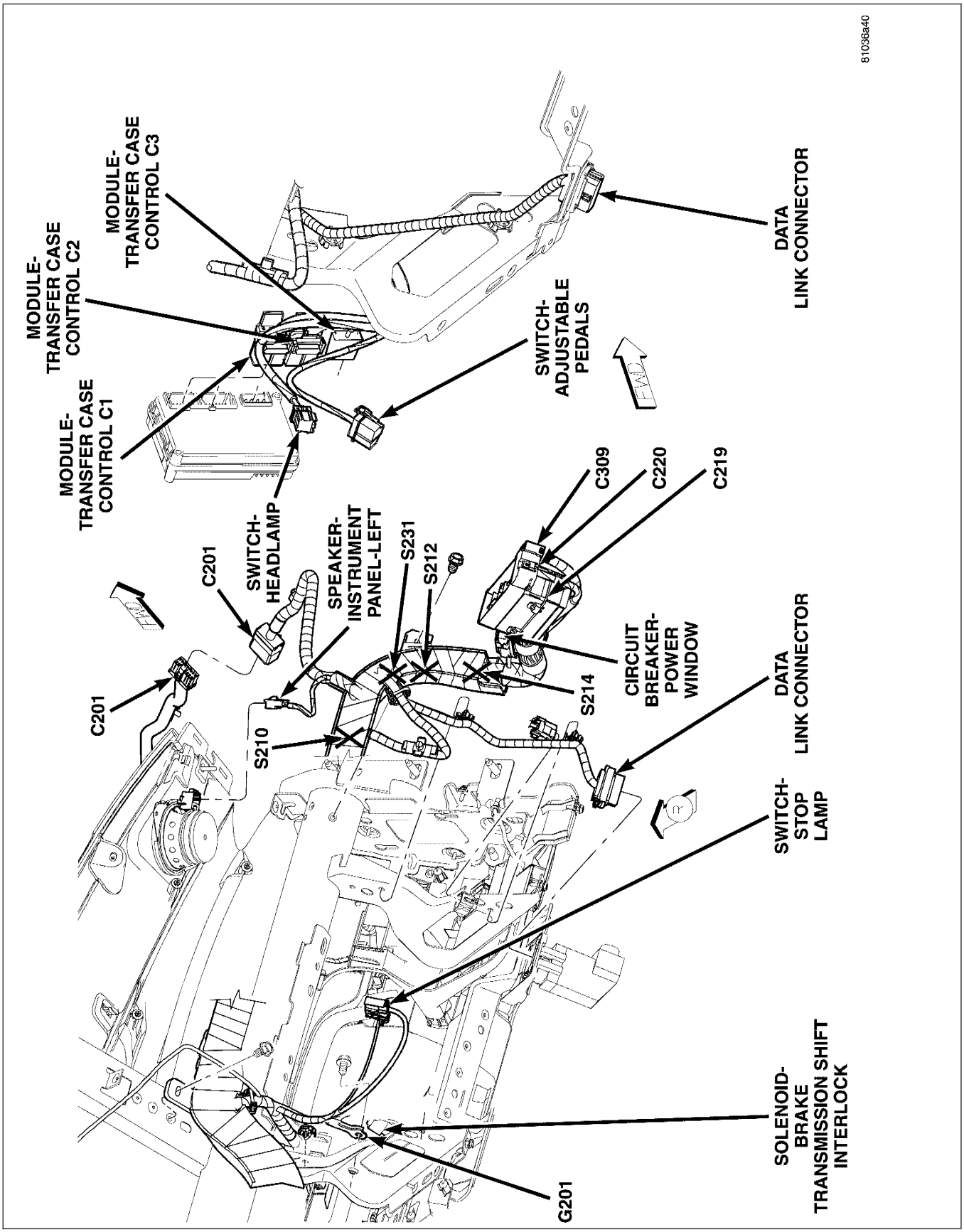


Fig. 53 LEFT INSTRUMENT PANEL

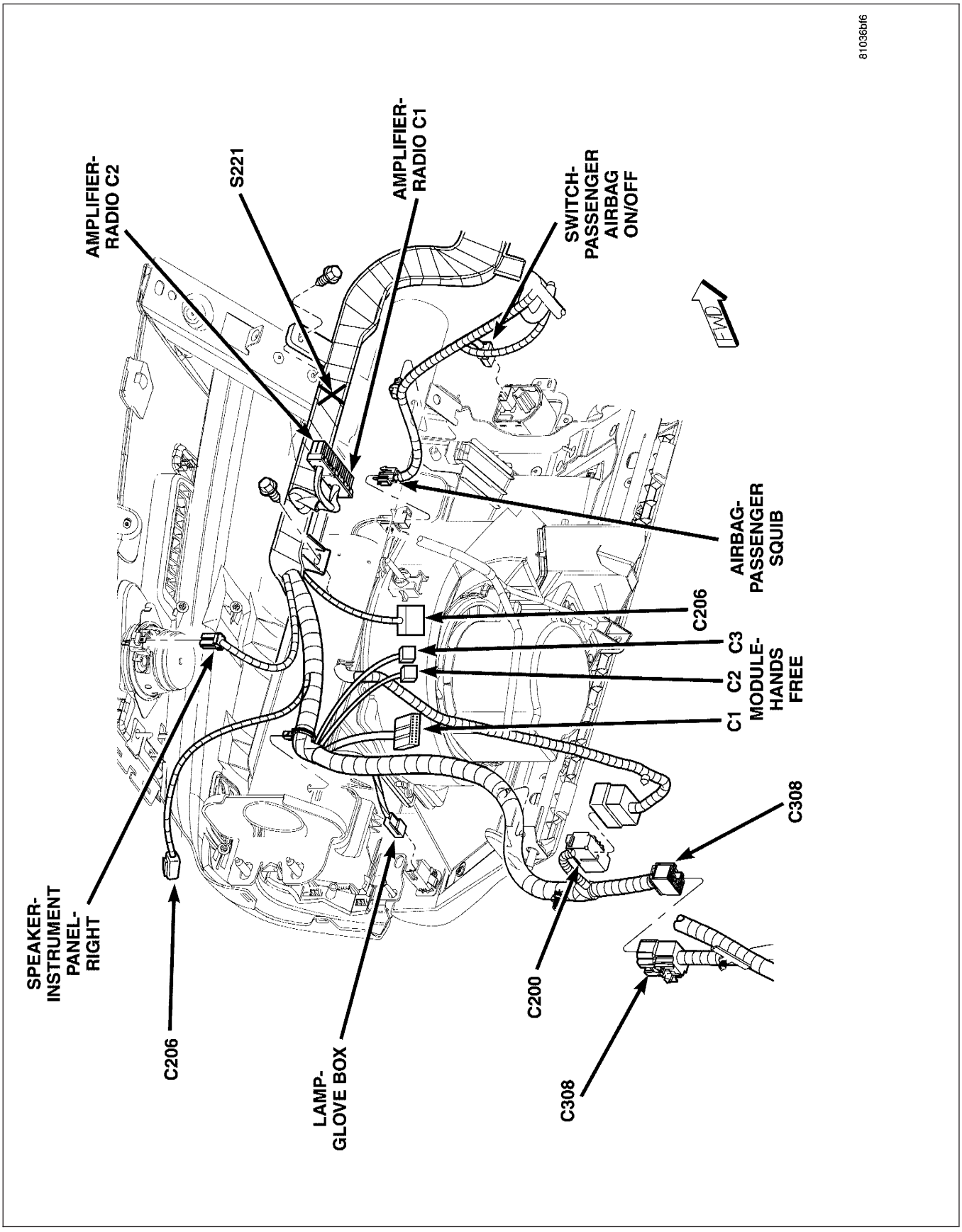


Fig. 54 RIGHT INSTRUMENT PANEL

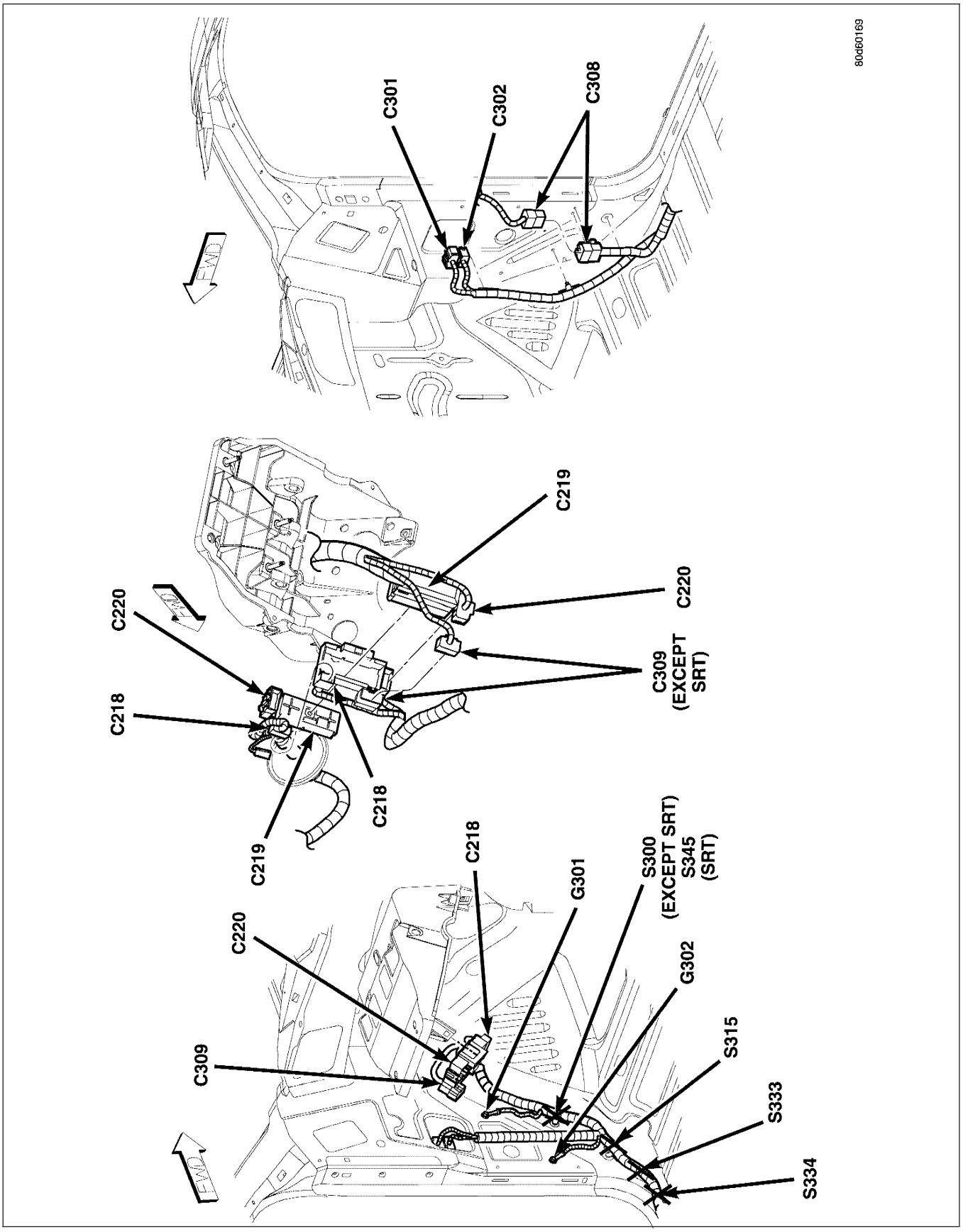


Fig. 55 STANDARD CAB FRONT BODY

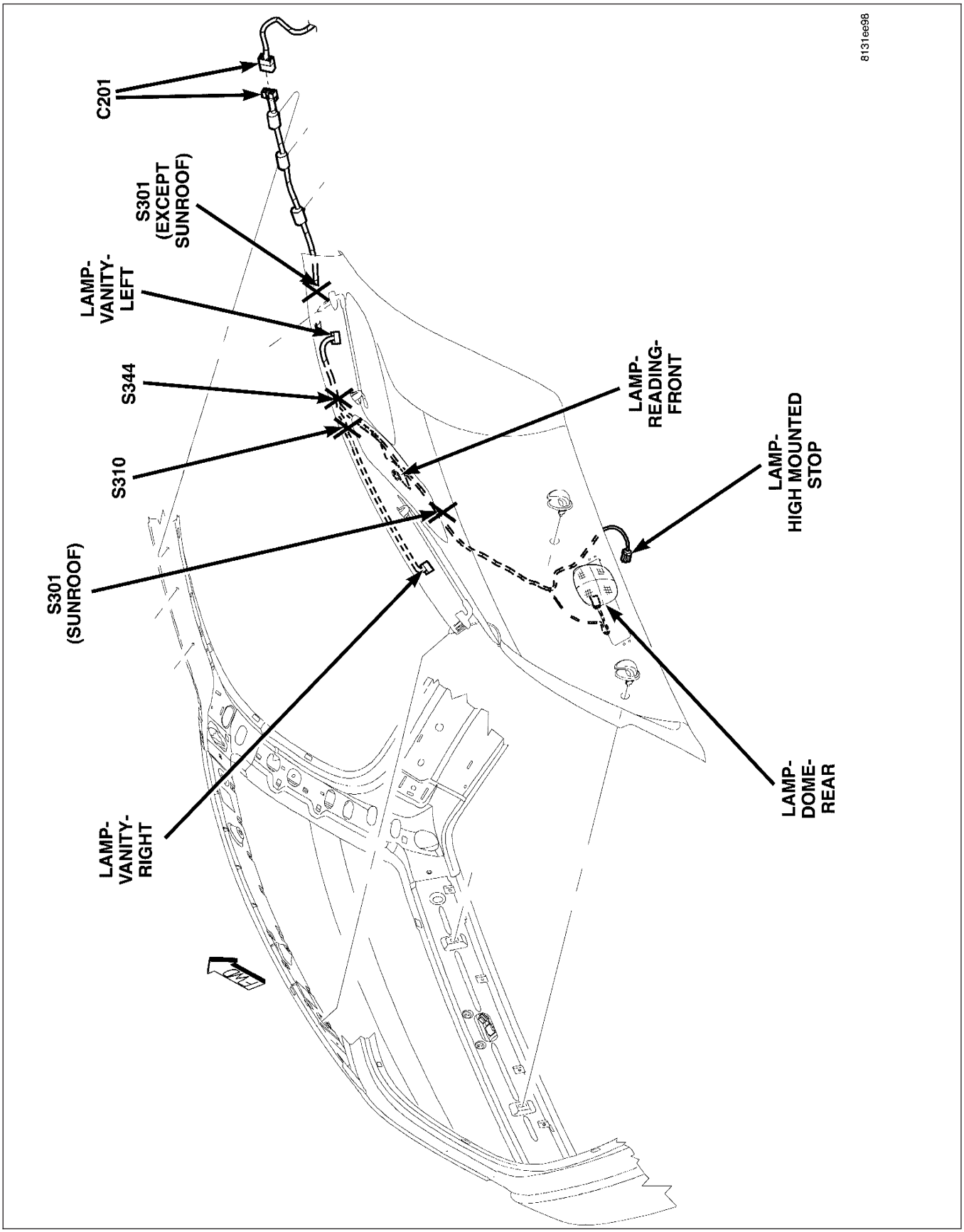


Fig. 56 HEADLINER

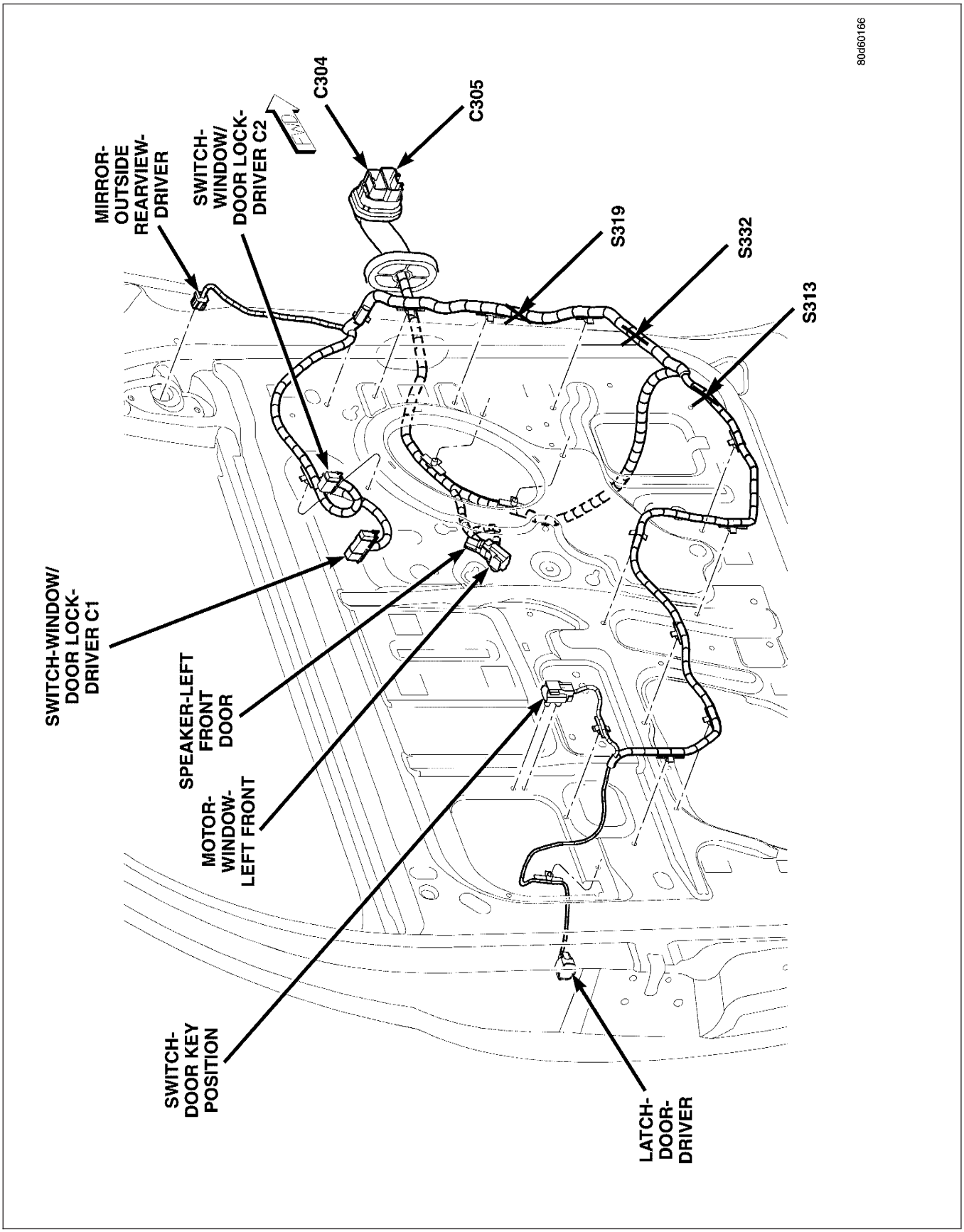


Fig. 57 LEFT FRONT DOOR PREMIUM

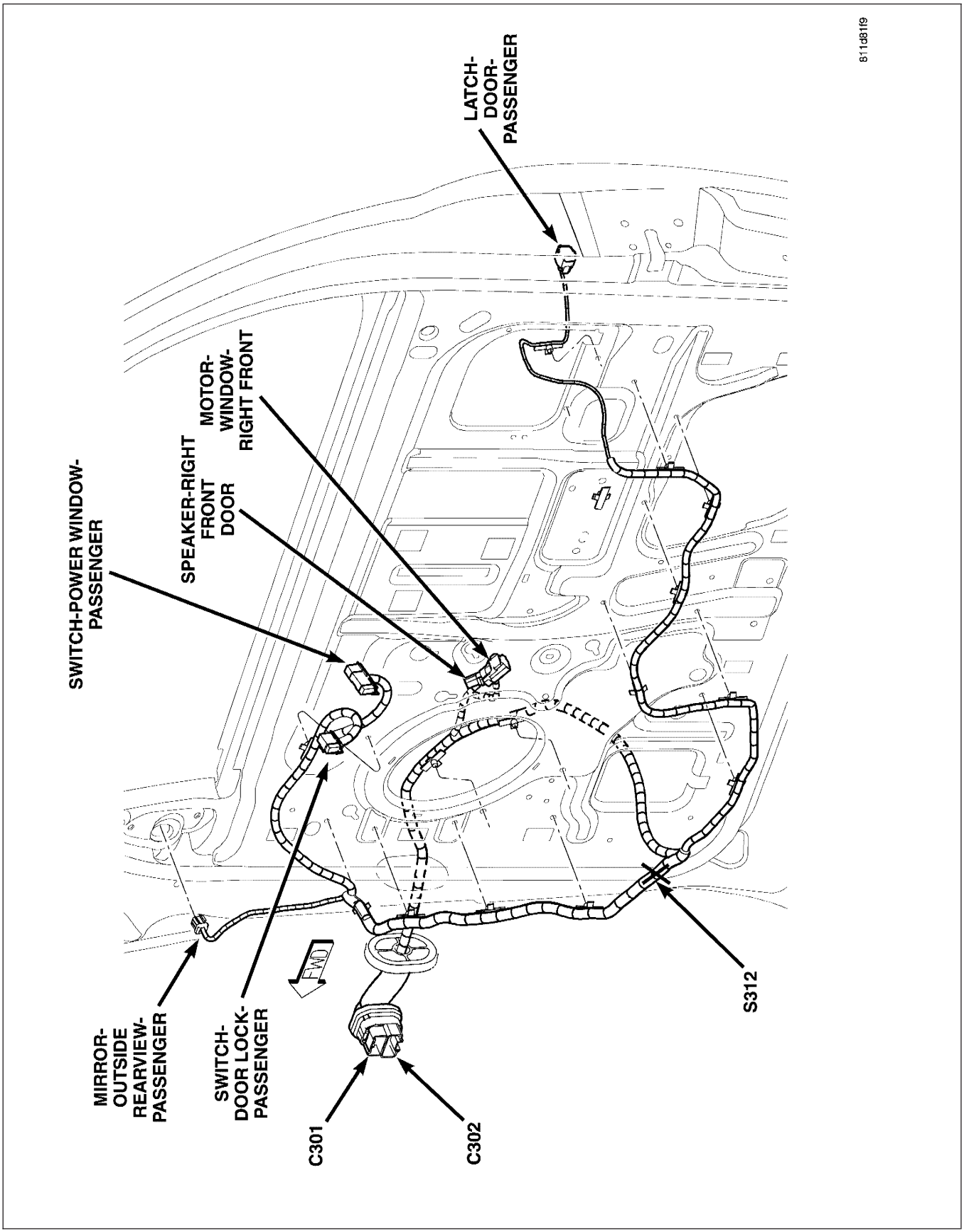


Fig. 58 RIGHT FRONT DOOR PREMIUM

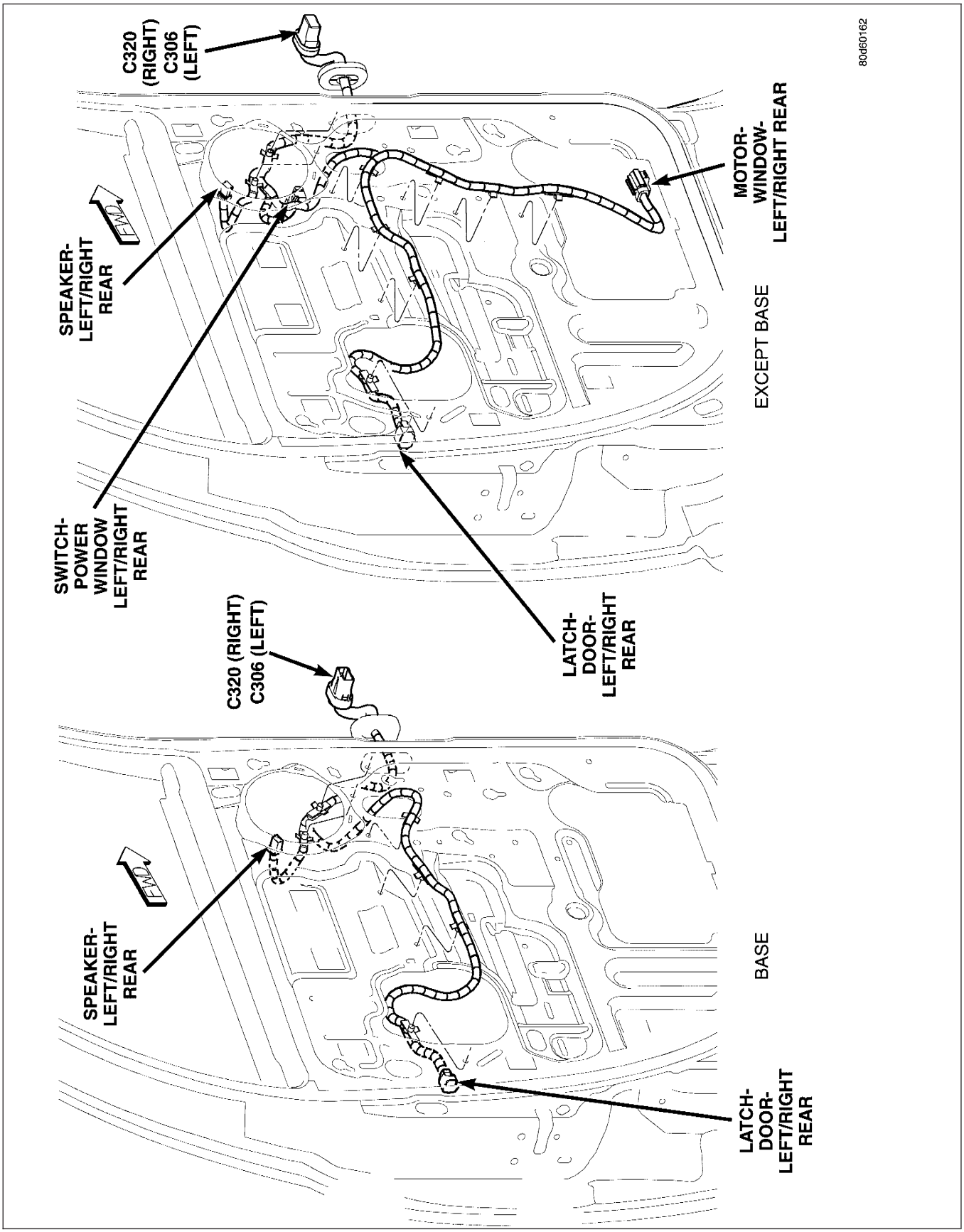


Fig. 59 LEFT REAR DOOR (RIGHT SIDE SIMILAR)

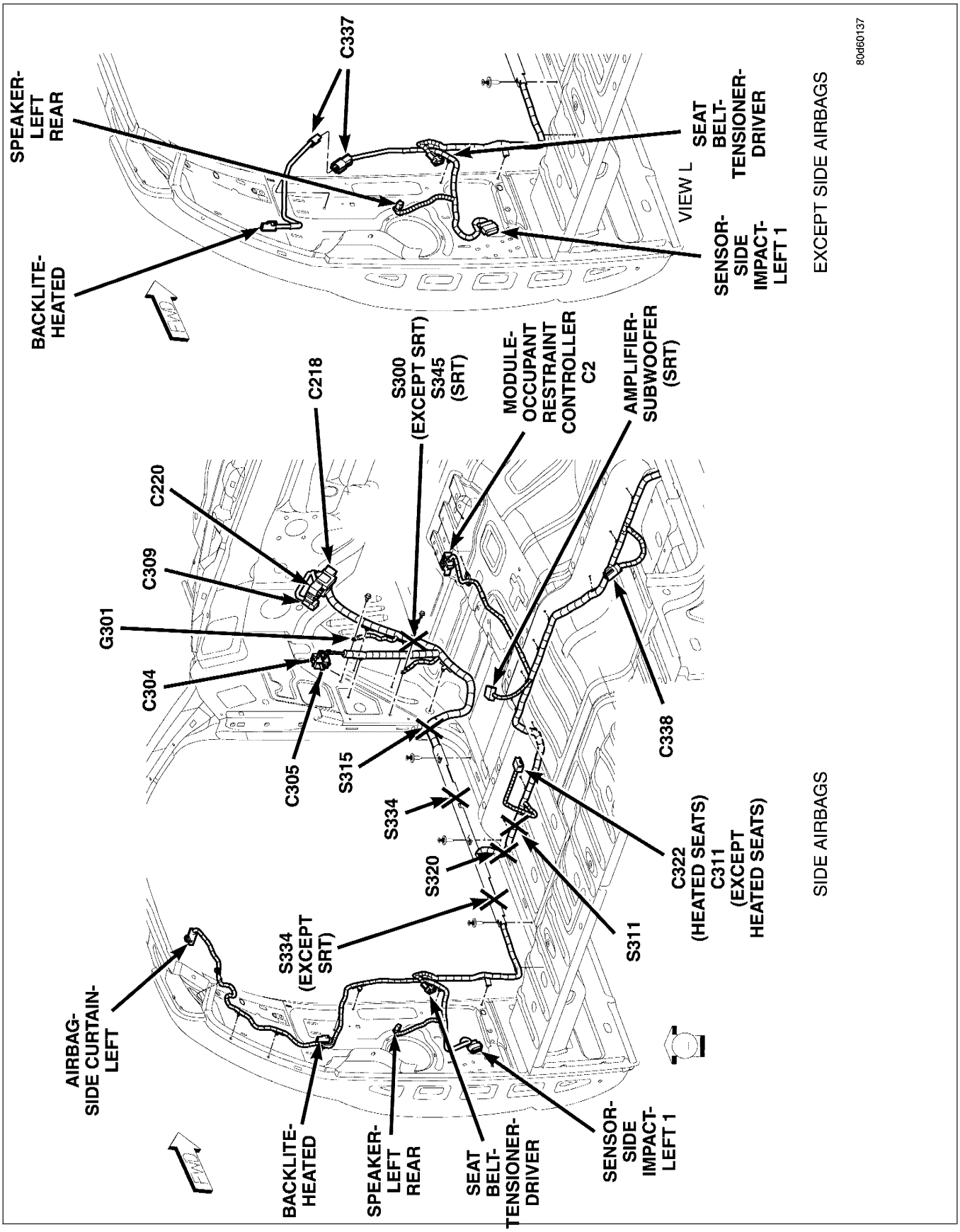


Fig. 60 STANDARD CAB LEFT SIDE BODY

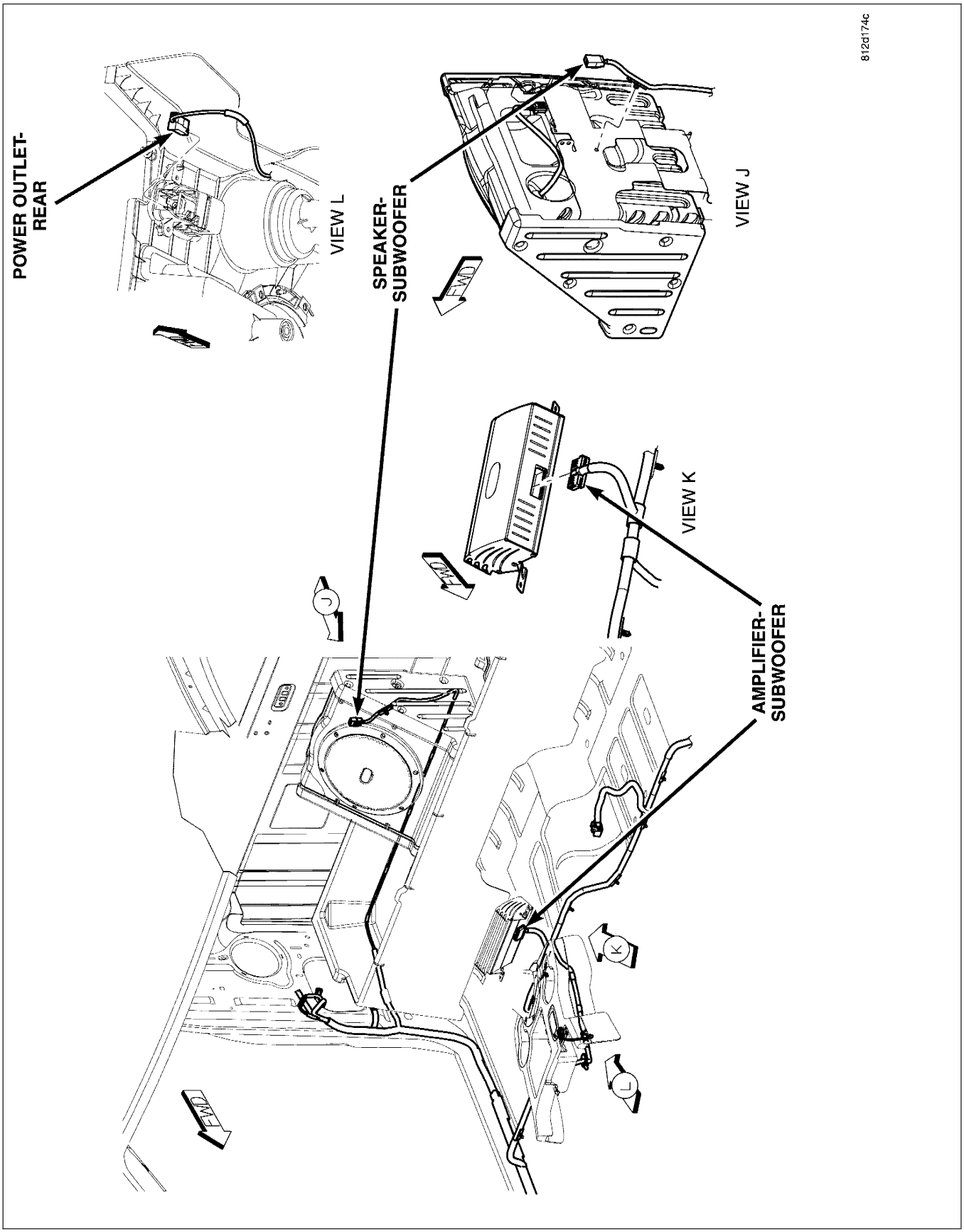


Fig. 61 CENTER BODY (SRT)

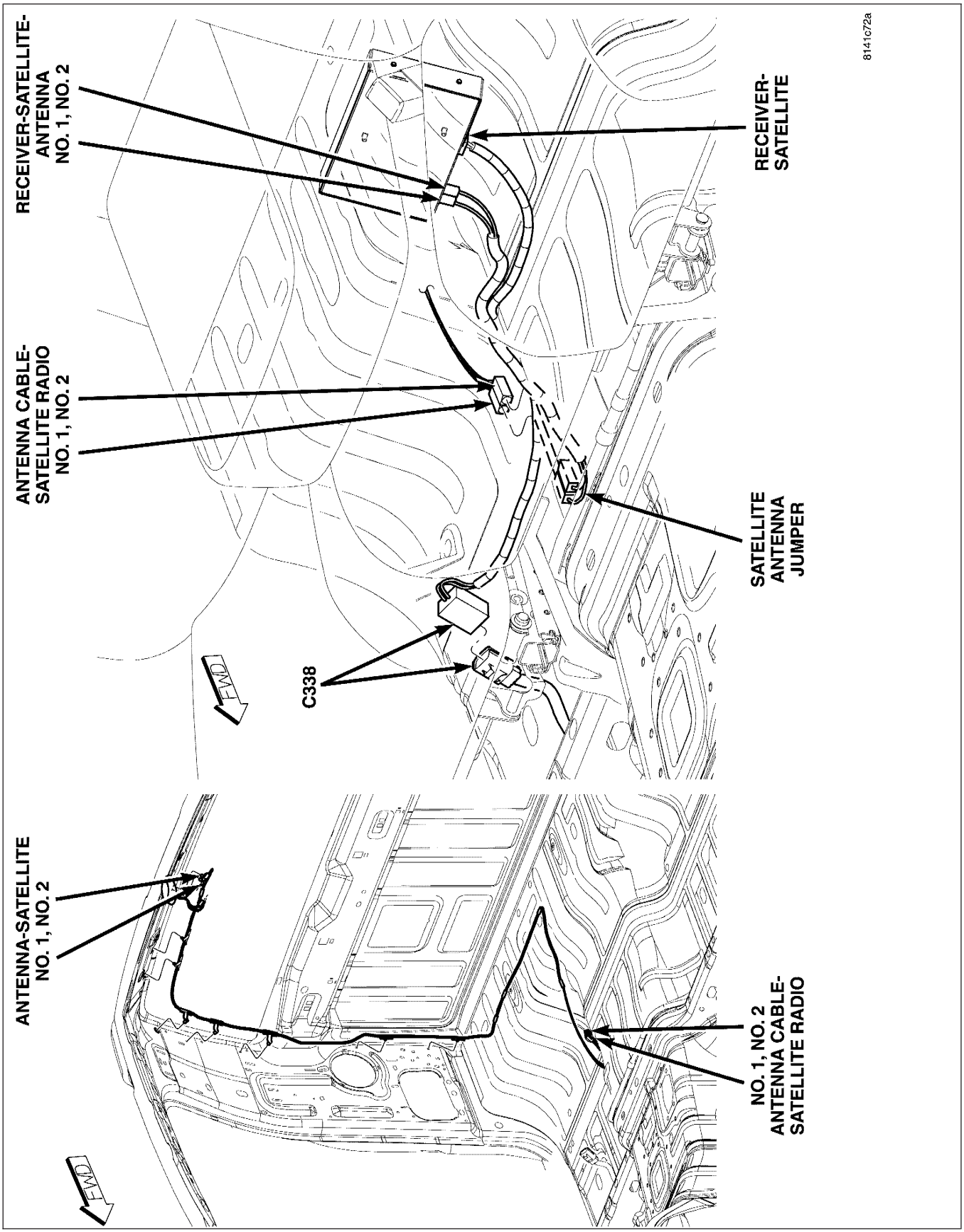


Fig. 62 SATELLITE RADIO - STANDARD CAB

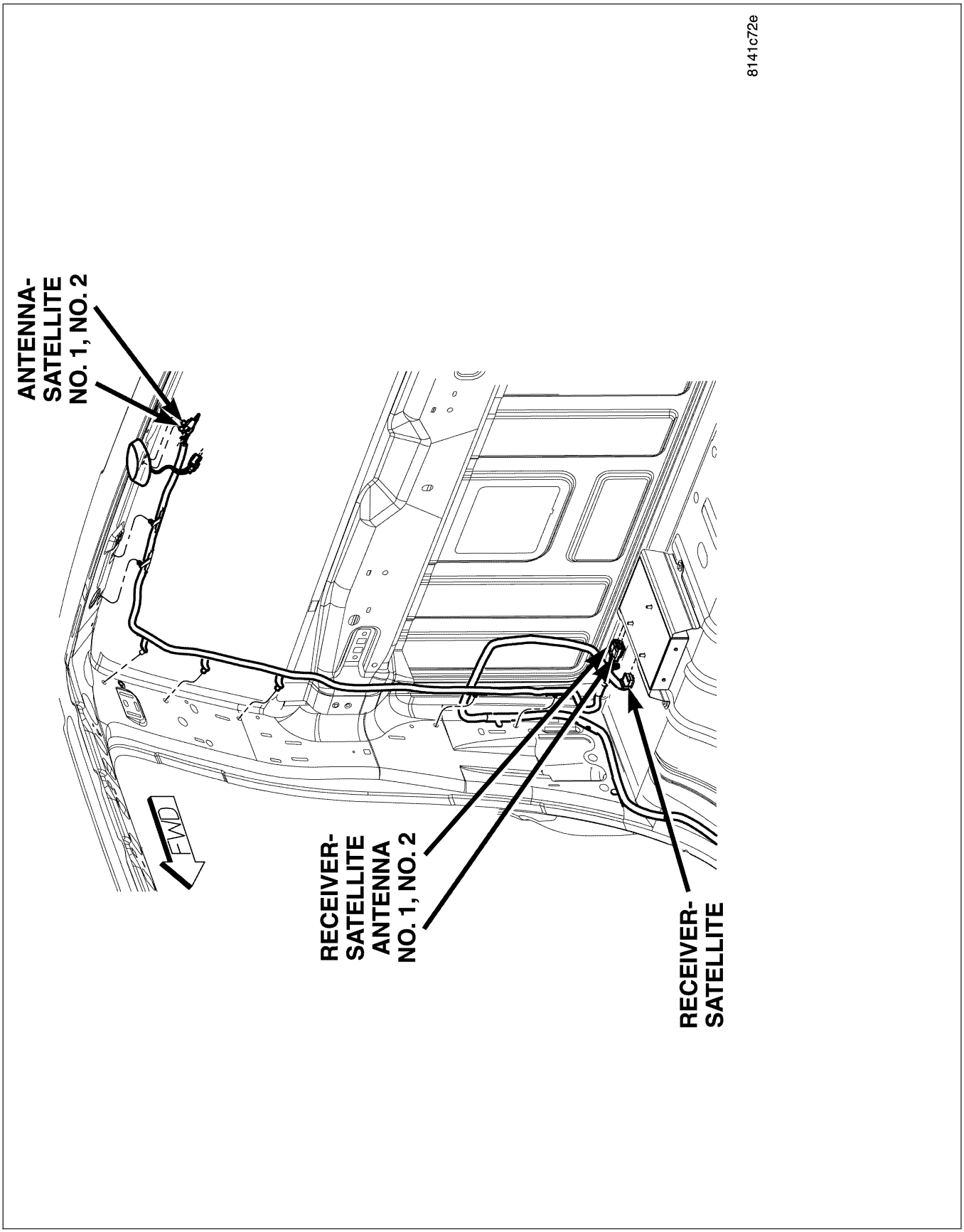


Fig. 63 SATELLITE RADIO - QUAD CAB

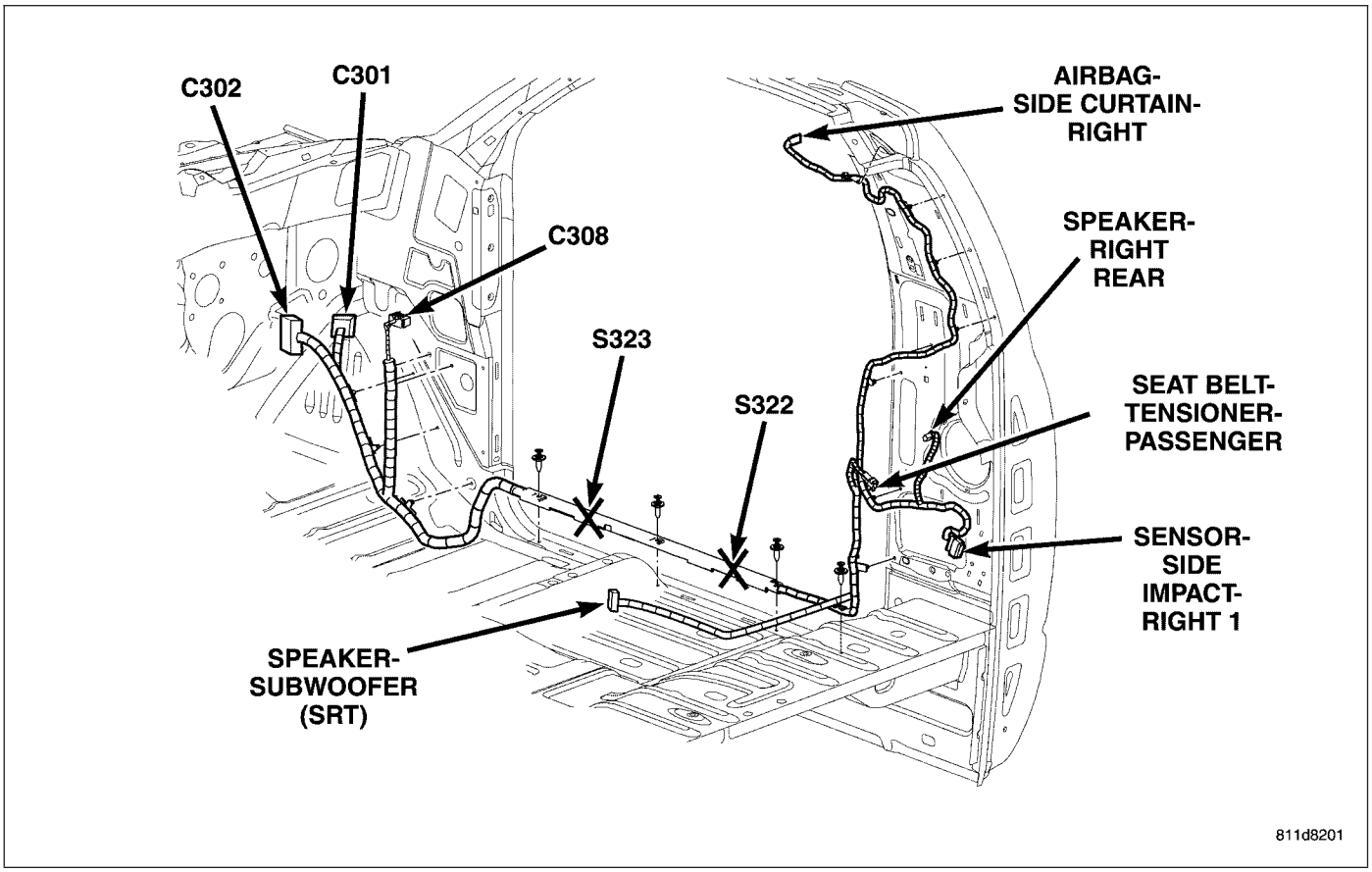


Fig. 64 STANDARD CAB RIGHT SIDE BODY

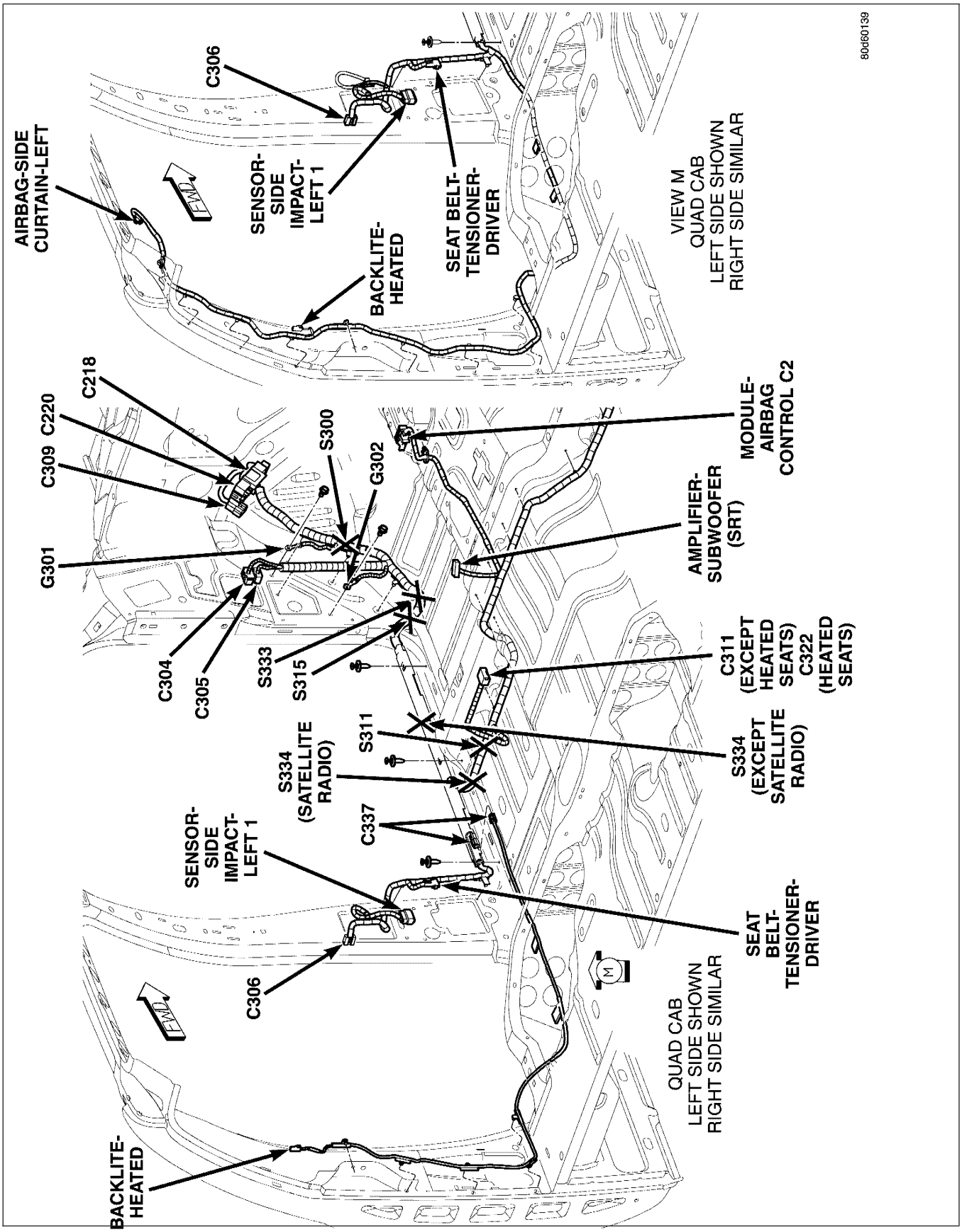


Fig. 65 QUAD CAB LEFT SIDE BODY

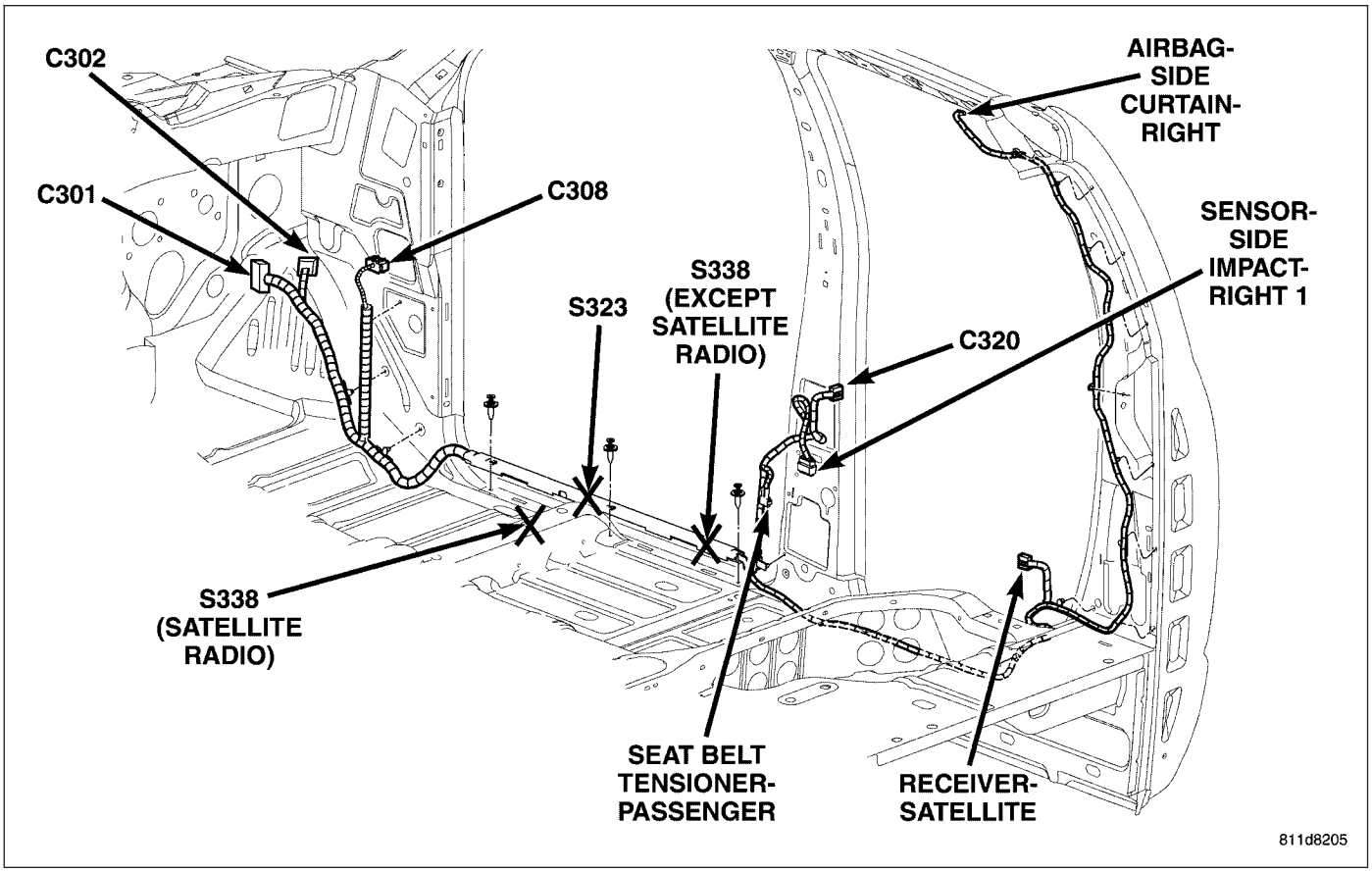


Fig. 66 QUAD CAB RIGHT SIDE BODY

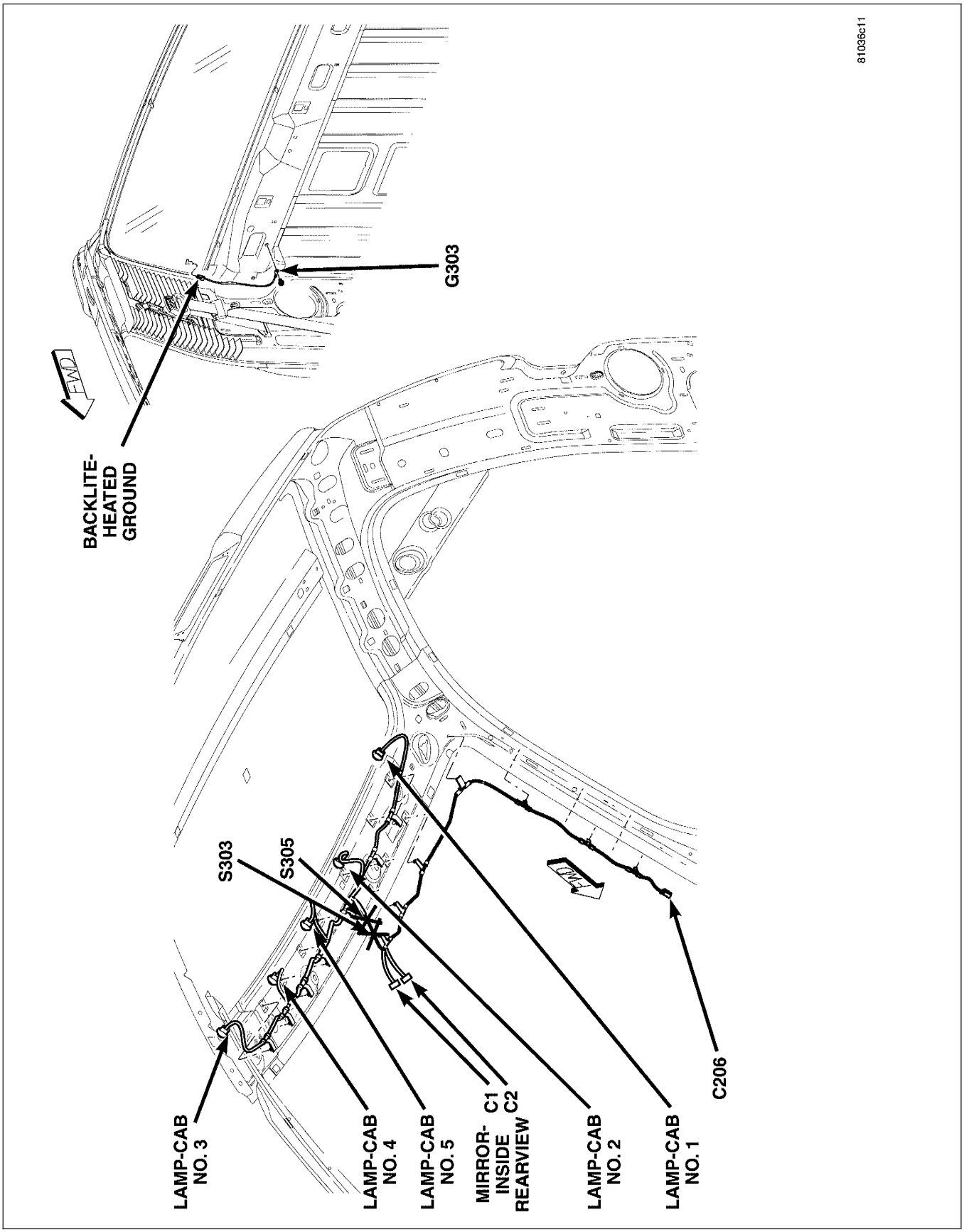

81036c11
G303
FWD
BACKLITE-
HEATED
GROUND
S303
S305
FWD
LAMP-CAB
NO. 3
LAMP-CAB
NO. 4
LAMP-CAB
NO. 5
MIRROR-
INSIDE
REARVIEW
C1
C2
LAMP-CAB
NO. 2
LAMP-CAB
NO. 1
C206

Fig. 67 ROOF

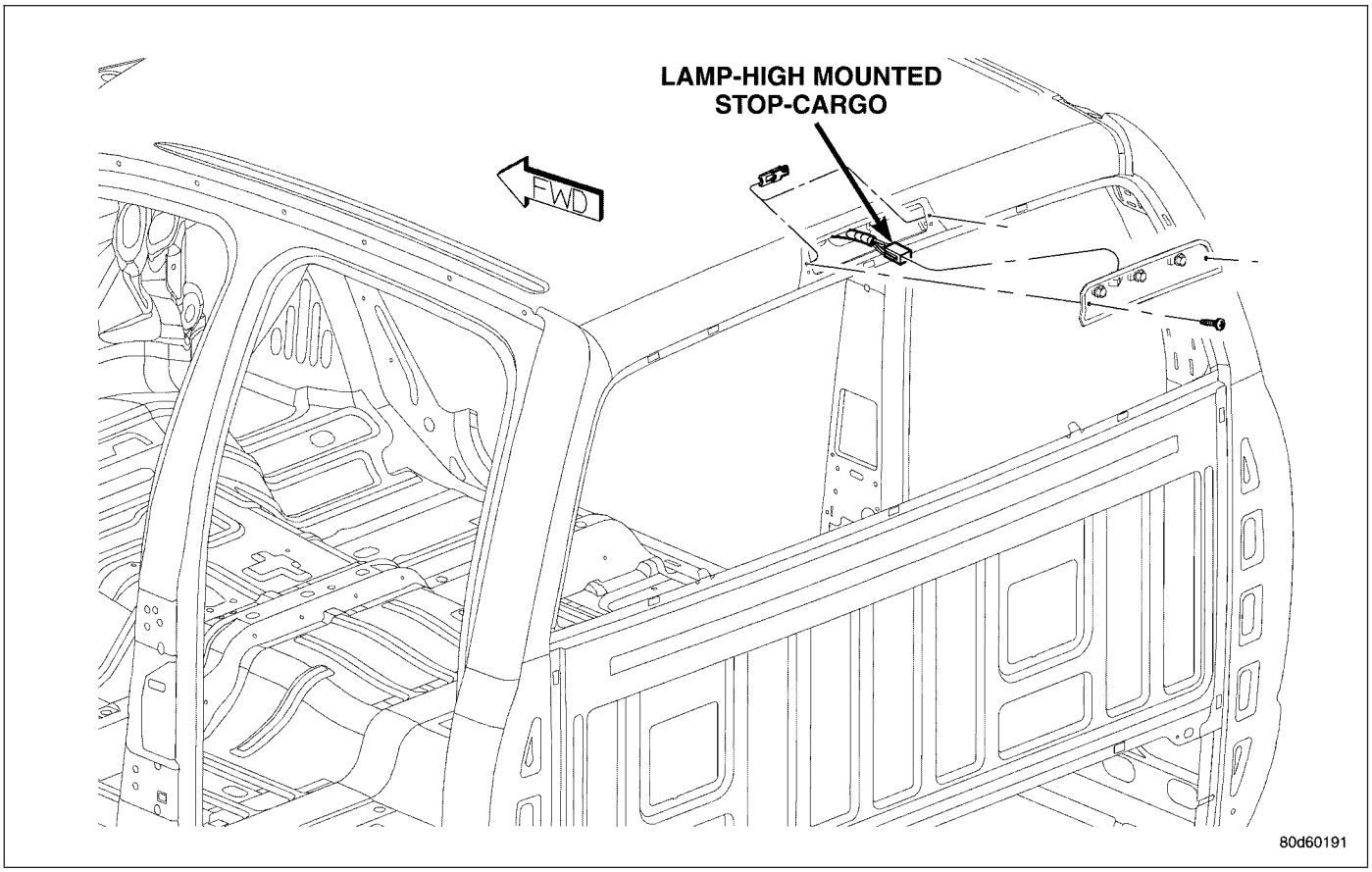


Fig. 68 REAR BODY

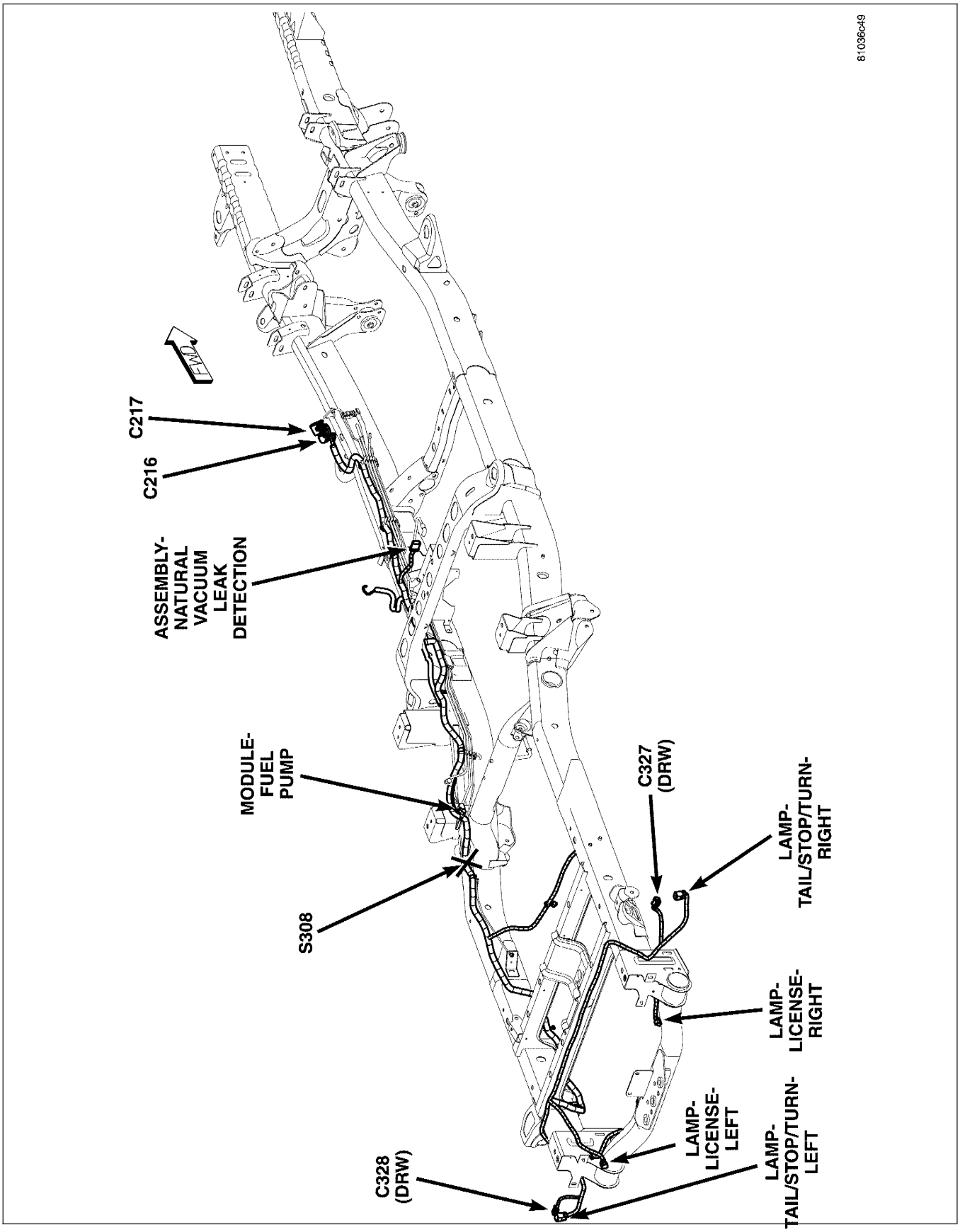


Fig. 69 CHASSIS

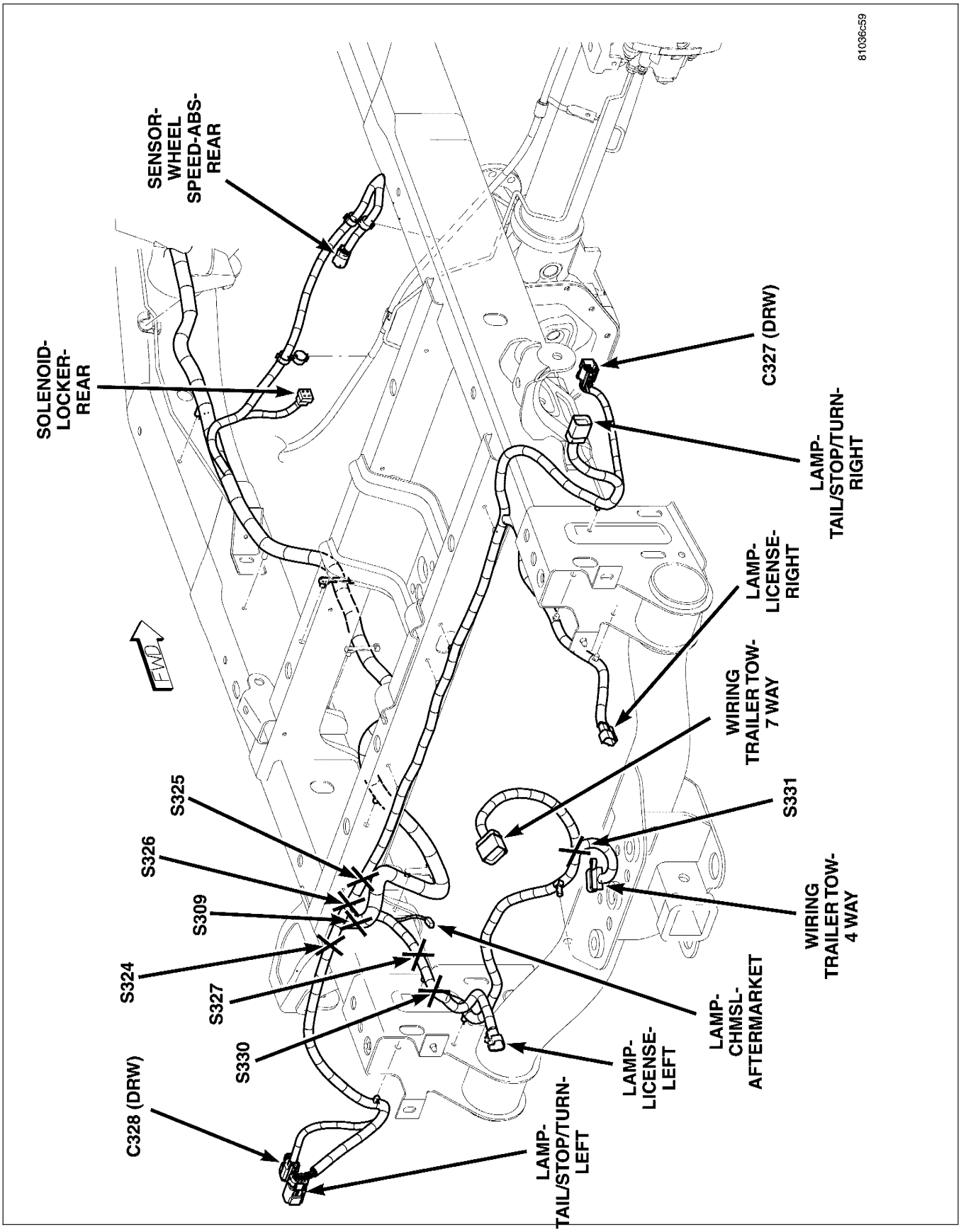


Fig. 70 REAR CHASSIS

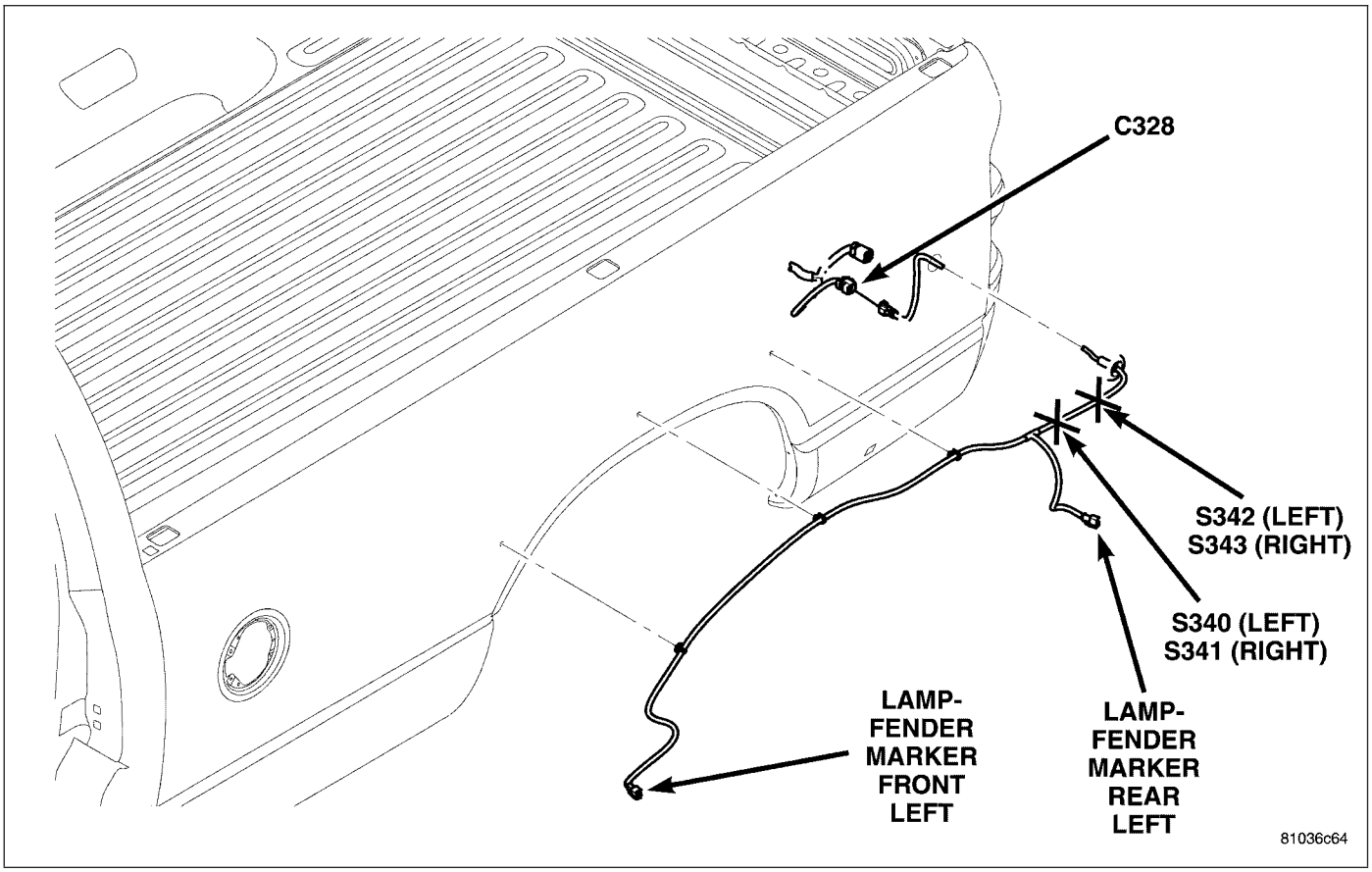


Fig. 71 LEFT REAR FENDER (RIGHT SIDE SIMILAR)

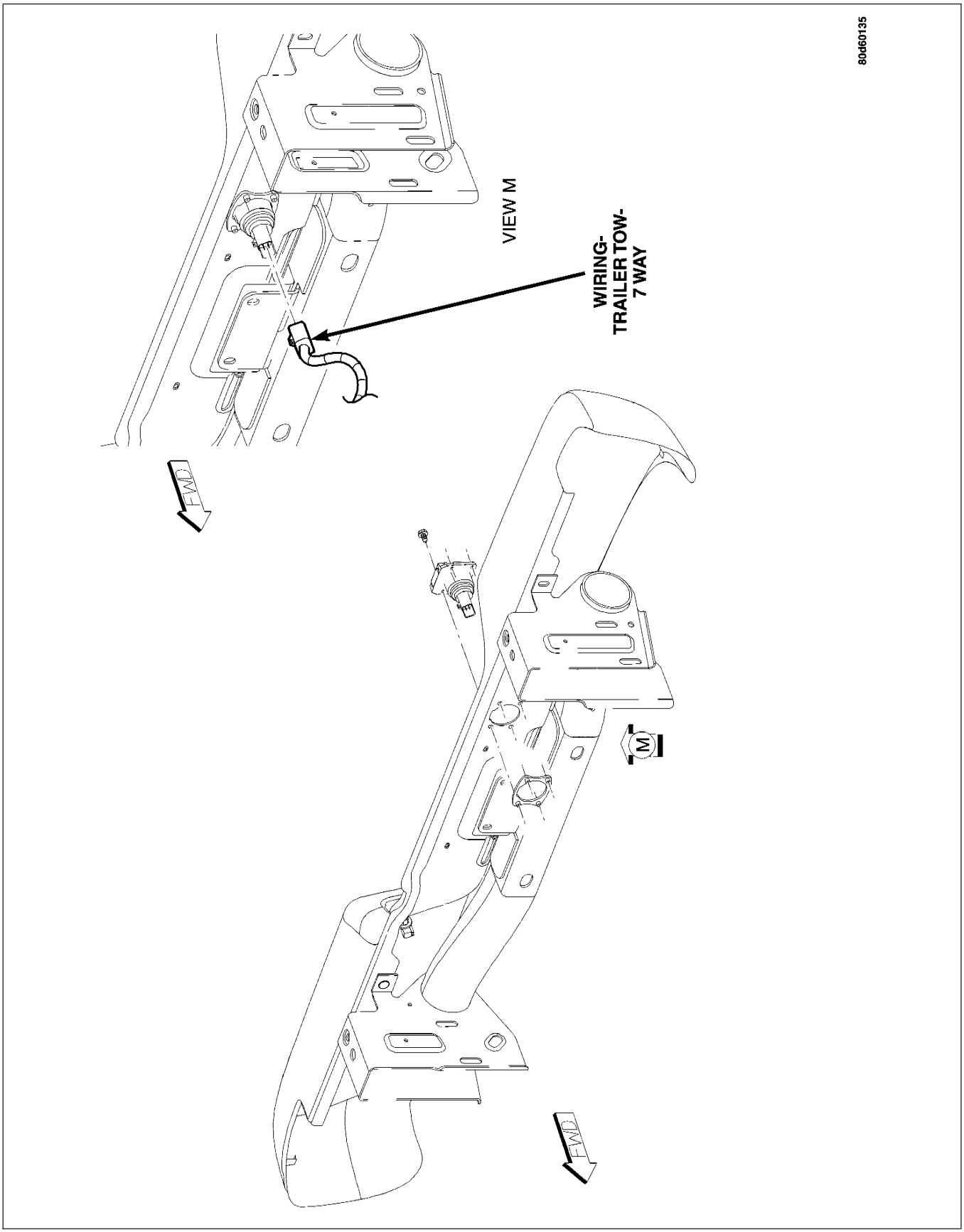


Fig. 72 REAR BUMPER

8W-97 POWER DISTRIBUTION

TABLE OF CONTENTS

page

POWER DISTRIBUTION
DESCRIPTION 1
OPERATION 1
SPECIAL TOOLS
POWER DISTRIBUTION SYSTEMS 2
MODULE-INTEGRATED POWER
DESCRIPTION 3
OPERATION 3
REMOVAL 4
INSTALLATION 5
IOD FUSE
DESCRIPTION 6
OPERATION 7
POWER OUTLET-INSTRUMENT PANEL
DESCRIPTION 7

page

OPERATION 7
DIAGNOSIS AND TESTING
CIGAR LIGHTER OUTLET 8
REMOVAL 8
INSTALLATION 8
POWER OUTLET-CONSOLE
DESCRIPTION 9
OPERATION 9
DIAGNOSIS AND TESTING
POWER OUTLET 9
REMOVAL 10
INSTALLATION 10

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

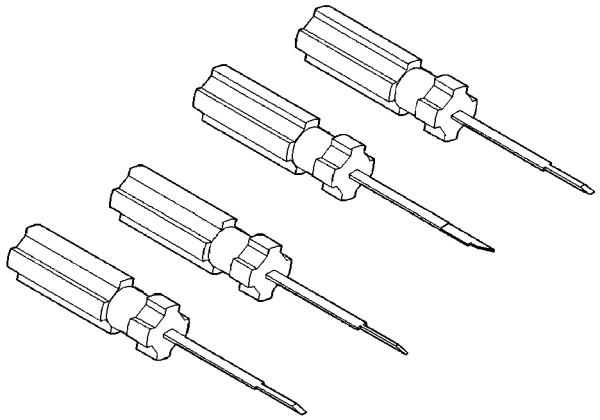
For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, 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

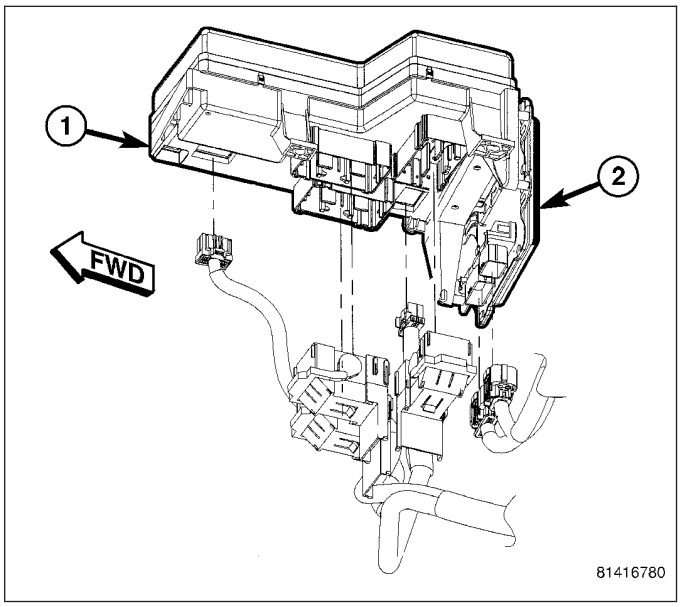
POWER DISTRIBUTION SYSTEMS



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

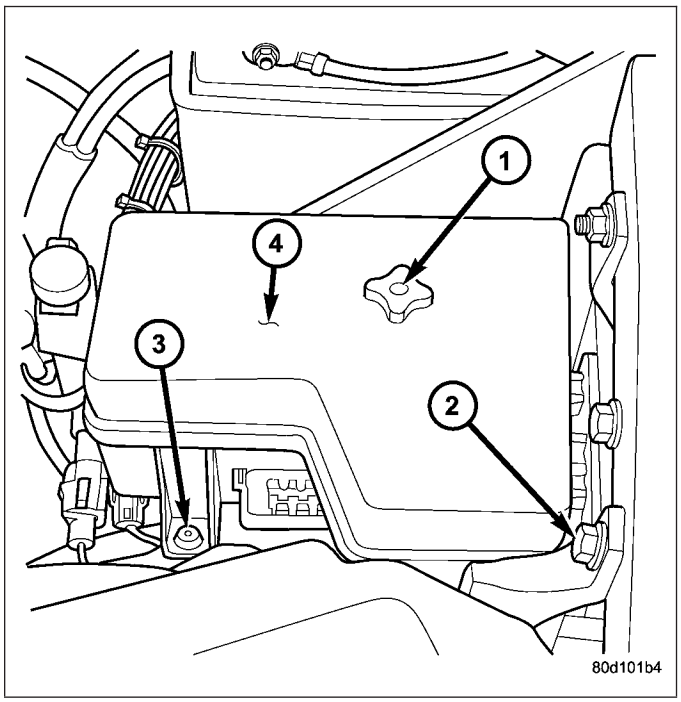
OPERATION

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.

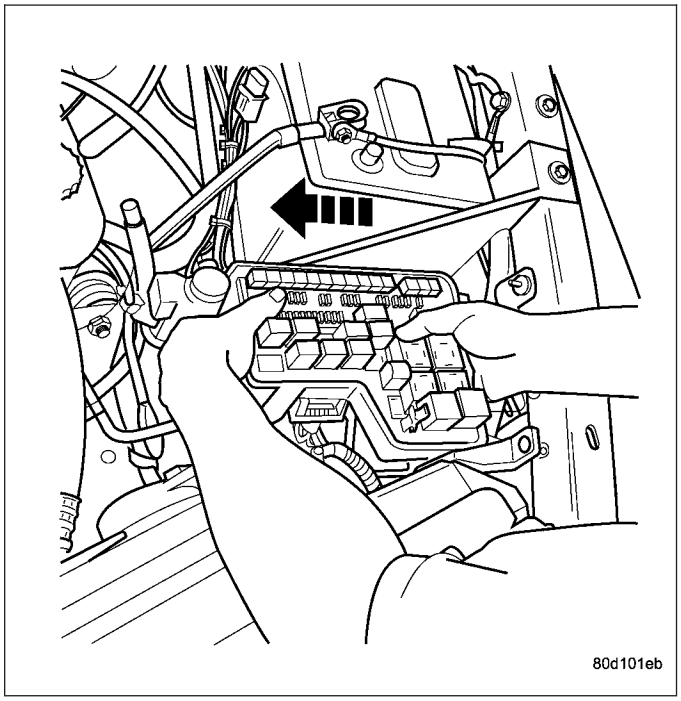
For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, 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 outboard, until the connector is free from the IPM assembly. Be certain to pull the connectors straight off.
8. Remove the IPM from the vehicle.

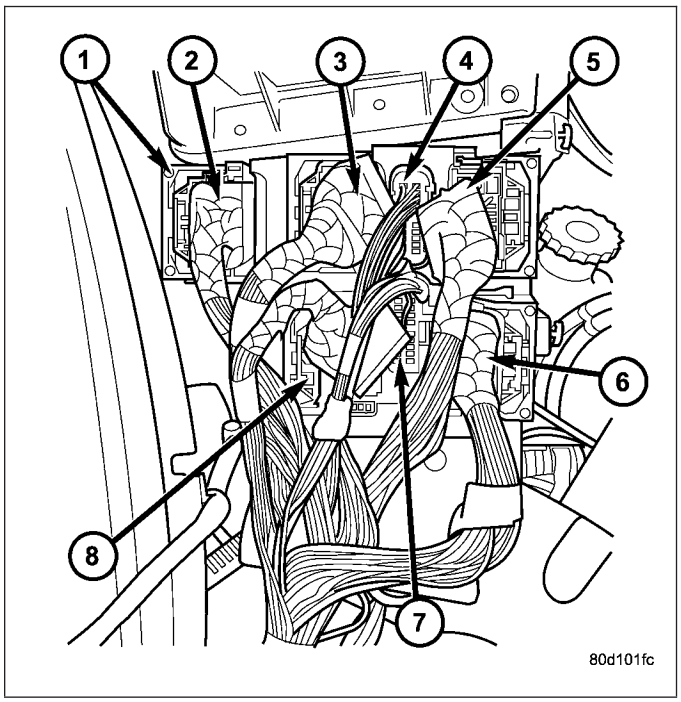


INSTALLATION

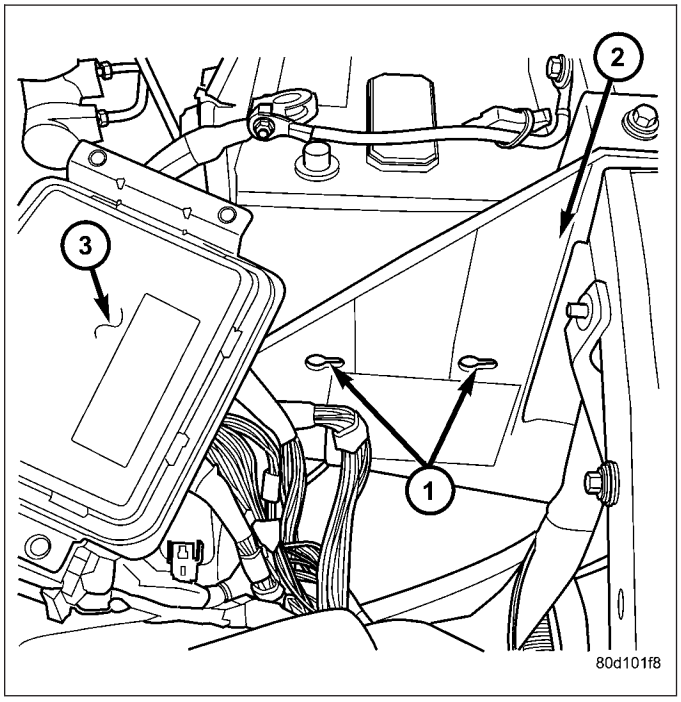
1. Position the Integrated Power Module (IPM) into the vehicle.

NOTE: Integrated power module electrical connectors are color coded to ease location reference.

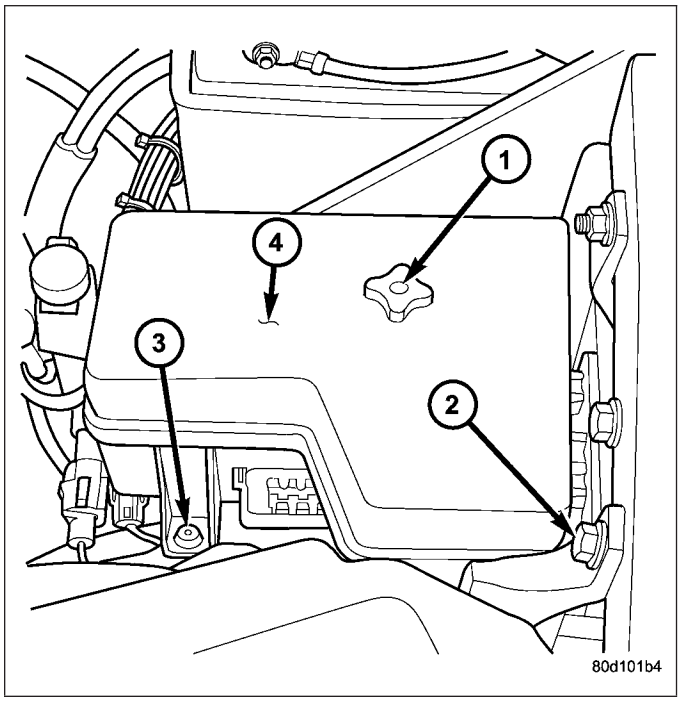
2. Connect the electrical connectors by pushing straight on and rotating the connector arm inboard, until the connector is firmly locked in place on the IPM assembly.



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.

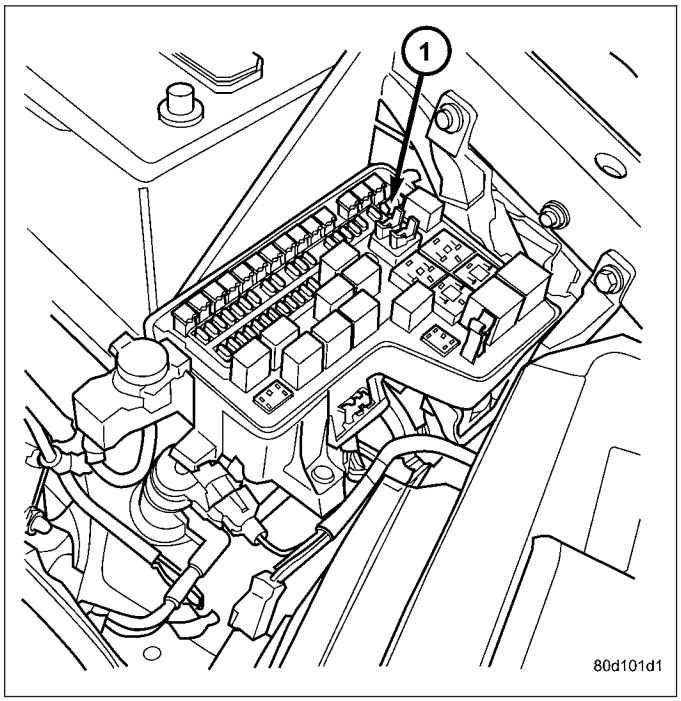


IOD FUSE

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

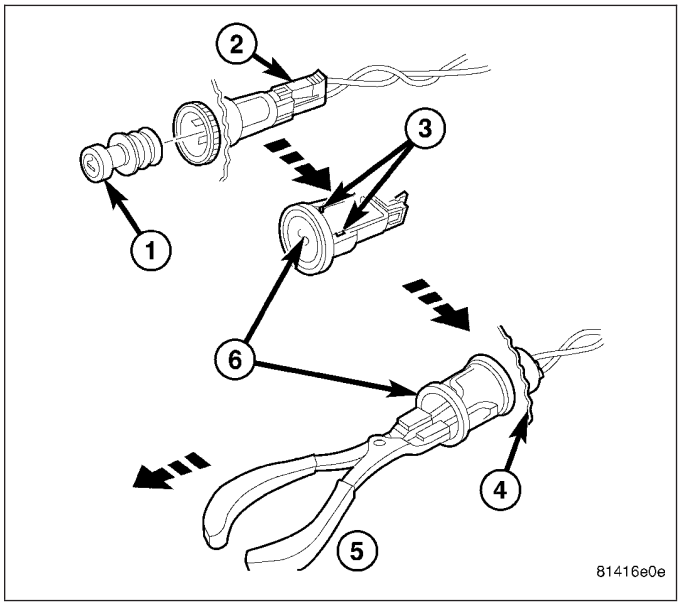
CIGAR LIGHTER OUTLET

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.

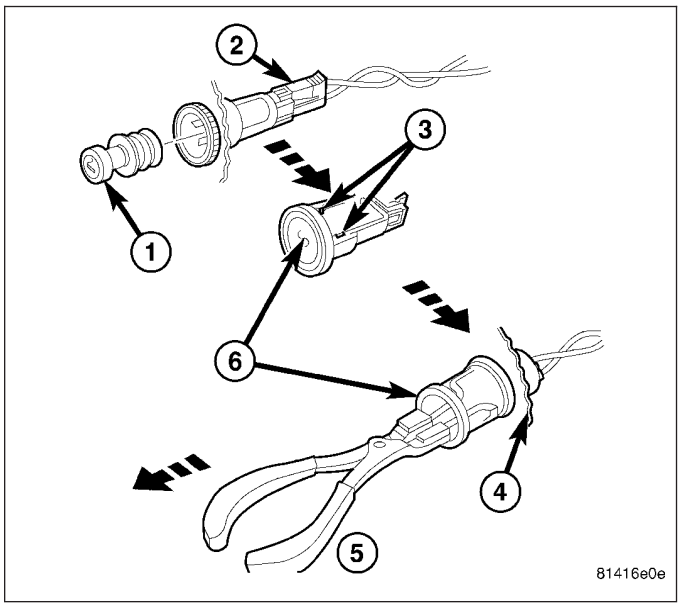
DIAGNOSIS AND TESTING

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.