

# WIRING DIAGRAMS

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## 8W-01 GENERAL INFORMATION

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## DESCRIPTION AND OPERATION

## INTRODUCTION

Chrysler wiring diagrams are designed to provide information regarding the vehicles wiring content. In order to effectively use Chrysler wiring diagrams to diagnose and repair a Chrysler vehicle, 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.

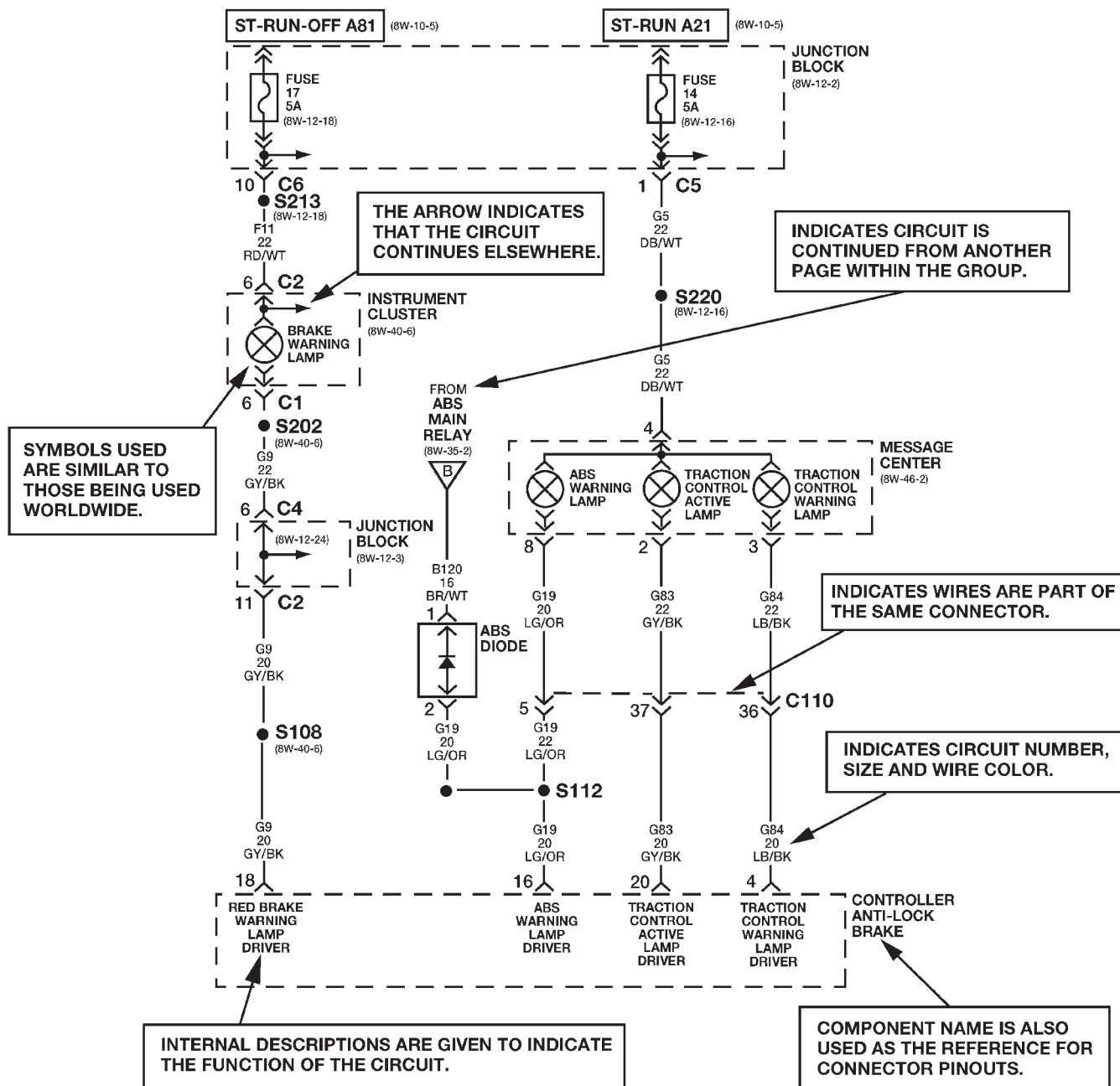
All switches, components, and modules are shown in the at rest position with the doors closed and the key removed from the ignition.

Components are shown two ways. A solid line around a component indicates that the component is complete. A dashed line around a component indicates that the component 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.

## DESCRIPTION AND OPERATION (Continued)

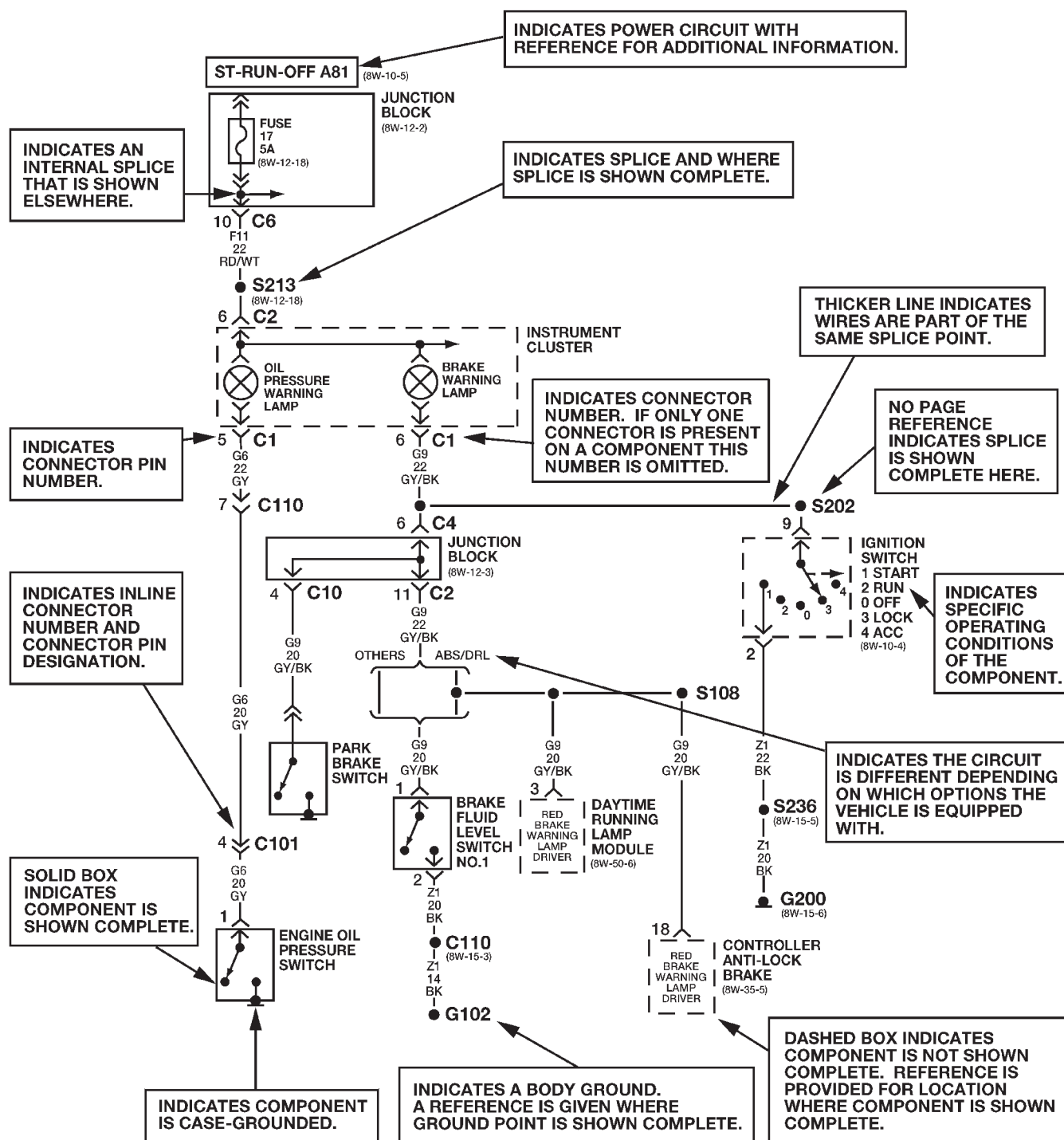
DIAGRAMS ARE ARRANGED WITH THE POWER B+ SIDE OF THE CIRCUIT NEAR THE TOP OF THE PAGE, AND THE GROUND SIDE OF THE CIRCUIT NEAR THE BOTTOM OF THE PAGE.



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

## DESCRIPTION AND OPERATION (Continued)



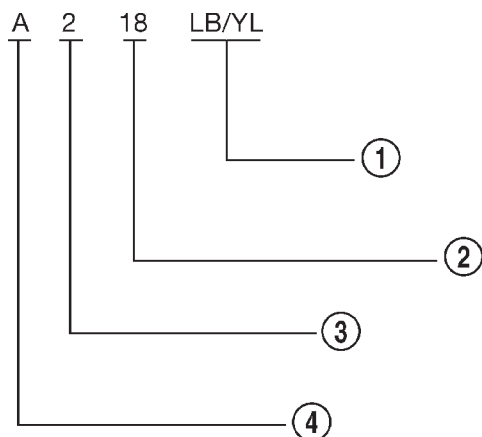
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*The System shown here is an EXAMPLE ONLY. It does not represent the actual circuit shown in the WIRING DIAGRAM SECTION.*

## DESCRIPTION AND OPERATION (Continued)

## CIRCUIT INFORMATION

Each wire shown in the diagrams contains a code which identifies the main circuit, part of the main circuit, gage of wire, and color (Fig. 1).



80aff571

**Fig. 1 Wire Code Identification**

- 1 - COLOR OF WIRE (LIGHT BLUE WITH YELLOW TRACER)
- 2 - GAUGE OF WIRE (18 GAUGE)
- 3 - PART OF MAIN CIRCUIT (VARIES DEPENDING ON EQUIPMENT)
- 4 - MAIN CIRCUIT IDENTIFICATION

## WIRE COLOR CODE CHART

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

## CIRCUIT FUNCTIONS

All circuits in the diagrams use an alpha/numeric code to identify the wire and its 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	OPEN
I	NOT USED
J	OPEN
K	POWERTRAIN CONTROL MODULE
L	EXTERIOR LIGHTING
M	INTERIOR LIGHTING
N	NOT USED
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	OPEN
X	AUDIO SYSTEMS
Y	OPEN
Z	GROUND

## DESCRIPTION AND OPERATION (Continued)

**SECTION IDENTIFICATION**



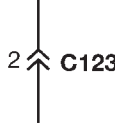
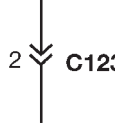

















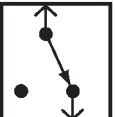




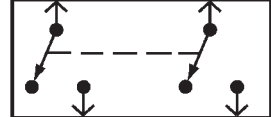

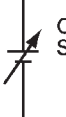


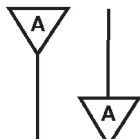




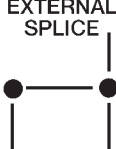
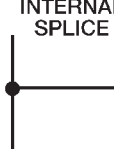







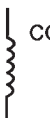


The wiring diagrams are grouped into individual sections. If a component is most likely found in a particular group, it will be shown complete (all wires, connectors, and pins) within that group. For example, the Auto Shutdown Relay is most likely to be found in Group 30, so it is shown there complete.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

**SYMBOLS**

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

GROUP	TOPIC
8W-01 thru 8W-09	General Information and Diagram Overview
8W-10 thru 8W-19	Main Sources of Power and Vehicle Grounding
8W-20 thru 8W-29	Starting and Charging
8W-30 thru 8W-39	Powertrain/Drivetrain Systems
8W-40 thru 8W-49	Body Electrical items and A/C
8W-50 thru 8W-59	Exterior Lighting, Wipers, and Trailer Tow
8W-60 thru 8W-69	Power Accessories
8W-70	Splice Information
8W-80	Connector Pin Outs
8W-90	Connector Locations (including grounds)
8W-95	Splice Locations

## DESCRIPTION AND OPERATION (Continued)

 BATTERY	 GENERATOR STATOR COILS	 IN-LINE CONNECTORS				
 FUSIBLE LINK	 FUSE	 CIRCUIT BREAKER		 MULTIPLE CONNECTOR	 MALE CONNECTOR	 FEMALE CONNECTOR
<div>BATT A0</div> HOT BAR	 CHOICE BRACKET	(8W-30-10) PAGE REFERENCE		 SINGLE FILAMENT LAMP	 DUAL FILAMENT LAMP	 ANTENNA
 CLOCKSPRING	 GROUND	 SCREW TERMINAL		 NPN TRANSISTOR	 PNP TRANSISTOR	 TONE GENERATOR
 OPEN SWITCH	 CLOSED SWITCH		 LED	 PHOTODIODE	 DIODE	 ZENER DIODE
 GANGED SWITCH		 SLIDING DOOR CONTACT		 OXYGEN SENSOR	 GAUGE	 PIEZOELECTRIC CELL
 WIRE ORIGIN & DESTINATION SHOWN WITHIN CELL		 WIRE DESTINATION SHOWN IN ANOTHER CELL		 RESISTOR	 VARIABLE RESISTOR	 HEATER ELEMENT
 EXTERNAL SPLICE	 INTERNAL SPLICE	 INCOMPLETE SPLICE (INTERNAL)		 NON-POLARIZED CAPACITOR	 POLARIZED CAPACITOR	 VARIABLE CAPACITOR
 ONE SPEED MOTOR	 TWO SPEED MOTOR	 REVERSIBLE MOTOR		 COIL	 SOLENOID	 SOLENOID VALVE



## DESCRIPTION AND OPERATION (Continued)

## TERMINOLOGY

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

Built-Up-Export . . . . . Vehicles Built For Sale In  
Markets Other Than North America  
Except-Built-Up-Export . . Vehicles Built For Sale In  
North America  
LHD . . . . . Left Hand Drive Vehicles  
RHD . . . . . Right Hand Drive Vehicles  
EATX . . . . . Electronic Automatic Transmission-Front  
Wheel Drive  
ATX . . . . . Automatic Transmission-Front Wheel Drive  
MTX . . . . . Manual Transmission-Front Wheel Drive  
A/T . . . . . Automatic Transmission-Rear Wheel Drive  
M/T . . . . . Manual Transmission-Rear Wheel Drive  
SOHC . . . . . Single Over Head Cam Engine  
DOHC . . . . . Dual Over Head Cam Engine

## CONNECTOR 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 on the **engine compartment harness** are **C100** series numbers.
- Connectors located on the **instrument panel harness** are **C200** series numbers.
- Connectors located on the **body harness** 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 connector.

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-90 contains connector/ground location illustrations. The illustrations contain the connector name (or number)/ground number and component identification. Connector/ground location charts in Section 8W-90 reference the illustration number for components and connectors.

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.

## SPLICE LOCATIONS

Splice Location charts in Section 8W-70 show the entire splice, and provide references to other sections the splice serves.

Section 8W-95 contains illustrations that show the general location of the splices in each harness. The illustrations show the splice by number, and provide a written location.

## NOTES, CAUTIONS, and WARNINGS

Throughout this group additional important information is presented in three ways; Notes, Cautions, and Warnings.

**NOTES** are used to help describe how switches or components operate to complete a particular circuit. They are also used to indicate different conditions that may appear on the vehicle. For example, an up-to and after condition.

**CAUTIONS** are used to indicate information that could prevent making an error that may damage the vehicle.

**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.**

## DESCRIPTION AND OPERATION (Continued)

**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 LOOSE CLOTHING.**

## TAKE OUTS

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.

## ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES

All ESD sensitive components are solid state and a symbol (Fig. 2) is used to indicate this. When handling any component with this symbol comply with the following procedures to reduce the possibility of electrostatic charge build up on the body and inadvertent discharge into the component. If it is not known whether the part is ESD sensitive, assume that it is.

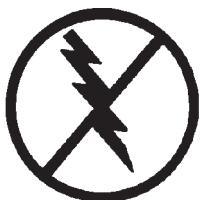
(1) Always touch a known good ground before handling the part. This should be repeated while handling the part and more frequently after sliding across a seat, sitting down from a standing position, or walking a distance.

(2) Avoid touching electrical terminals of the part, unless instructed to do so by a written procedure.

(3) When using a voltmeter, be sure to connect the ground lead first.

(4) Do not remove the part from its protective packing until it is time to install the part.

(5) Before removing the part from its package, ground the package to a known good ground on the vehicle.



948W-193

Fig. 2 Electrostatic Discharge Symbol

## DIAGNOSIS AND TESTING

## 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.**

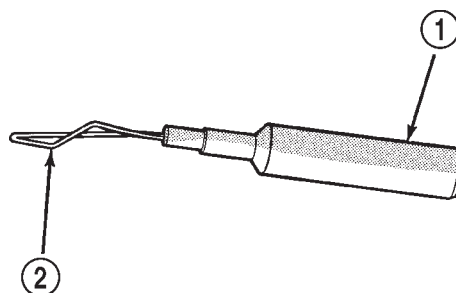
- Voltmeter - Used to check for voltage on a circuit. Always connect the black lead to a known good ground and the red lead to the positive side of the circuit.

**CAUTION: Most of the electrical components used in today's vehicle 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 vehicle 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 electrical system can cause damage to the equipment and provide false readings.**

- Probing Tools - These tools are used for probing terminals in connectors (Fig. 3). Select the proper size tool from Special Tool Package 6807, and insert it into the terminal being tested. Use the other end of the tool to insert the meter probe.



948W-233

Fig. 3 Probing Tool

1 - SPECIAL TOOL 6801

2 - PROBING END

## DIAGNOSIS AND TESTING (Continued)

**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 in 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 and moisture
- Wire insulation that has rubbed through causing a short to ground
- Some or all of the wiring strands broken inside of the insulation covering.
- Wiring broken inside of the insulation

**TROUBLESHOOTING TESTS**

Before beginning any tests on a vehicles electrical system use the Wiring Diagrams and study the circuit. Also refer to the Troubleshooting Wiring Problems in this section.

**TESTING FOR VOLTAGE POTENTIAL**

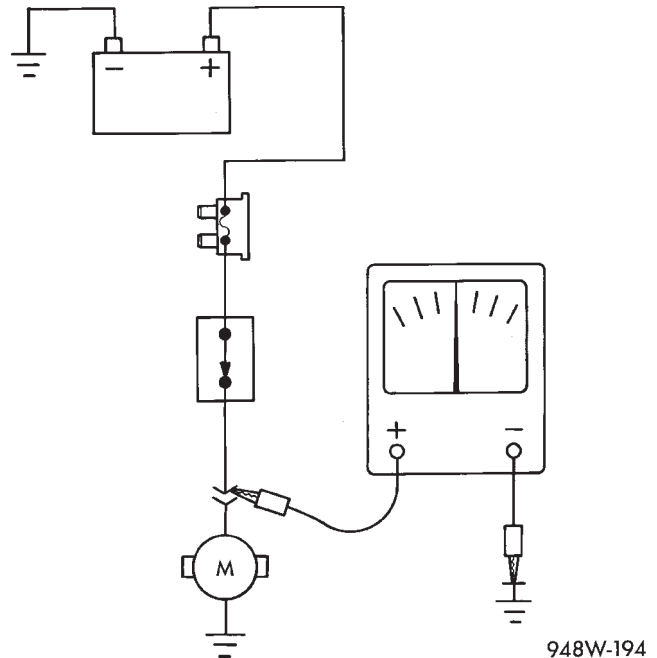
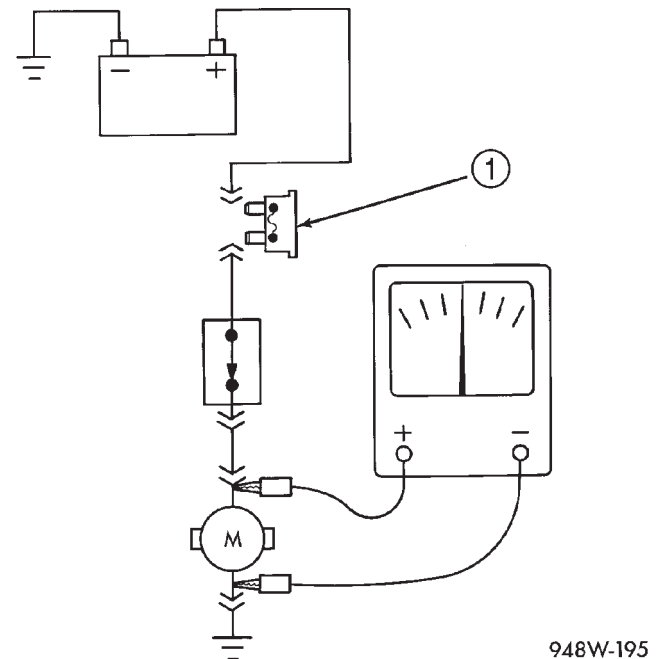
- (1) Connect the ground lead of a voltmeter to a known good ground (Fig. 4).
- (2) Connect the other lead of the voltmeter to the selected test point. The vehicle ignition may need to be turned ON to check voltage. Refer to the appropriate test procedure.

**TESTING FOR CONTINUITY**

- (1) Remove the fuse for the circuit being checked or, disconnect the battery.
- (2) Connect one lead of the ohmmeter to one side of the circuit being tested (Fig. 5).
- (3) Connect the other lead to the other end of the circuit being tested. Low or no resistance means good continuity.

**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.

**Fig. 4 Testing for Voltage Potential****Fig. 5 Testing for Continuity**

1 - FUSE REMOVED FROM CIRCUIT

**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.

## DIAGNOSIS AND TESTING (Continued)

(4) Start connecting the items in the fuse circuit one at a time. When the fuse blows the circuit with the short to ground has been isolated.

## TESTING FOR A VOLTAGE DROP

- (1) Connect the positive lead of the voltmeter to the side of the circuit closest to the battery (Fig. 6).
- (2) Connect the other lead of the voltmeter to the other side of the switch or component.
- (3) Operate the item.
- (4) The voltmeter will show the difference in voltage between the two points.

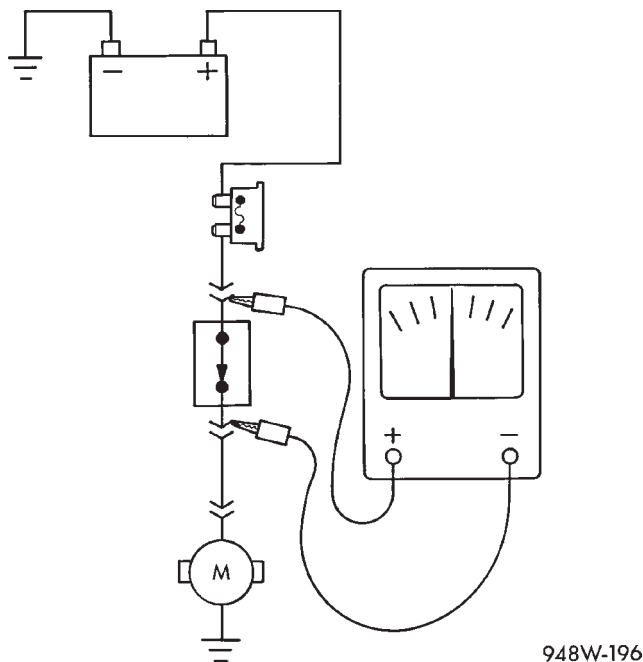


Fig. 6 Testing for Voltage Drop

## 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.
- (6) Verify proper operation. For this step check for proper operation of all items on the repaired circuit. Refer to the wiring diagrams.

## SERVICE PROCEDURES

## WIRING REPAIR

When replacing or repairing a wire, it is important that the correct gage be used as shown in the wiring diagrams. The wires must also be held securely in place to prevent damage to the insulation.

- (1) Disconnect battery negative cable
- (2) Remove 1 inch of insulation from each end of the wire.
- (3) Place a piece of heat shrink tubing over one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.
- (4) Spread the strands of the wire apart on each part of the exposed wire (example 1). (Fig. 7)
- (5) Push the two ends of wire together until the strands of wire are close to the insulation (example 2) (Fig. 7)
- (6) Twist the wires together (example 3) (Fig. 7)
- (7) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**
- (8) Center the heat shrink tubing over the joint, and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant comes out of both ends of the tubing.
- (9) Secure the wire to the existing ones to prevent chafing or damage to the insulation
- (10) Connect battery and test all affected systems.

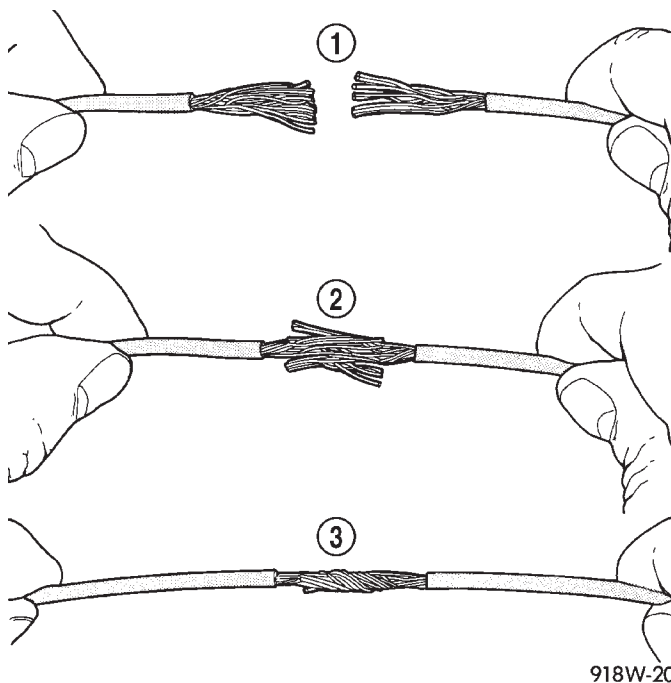


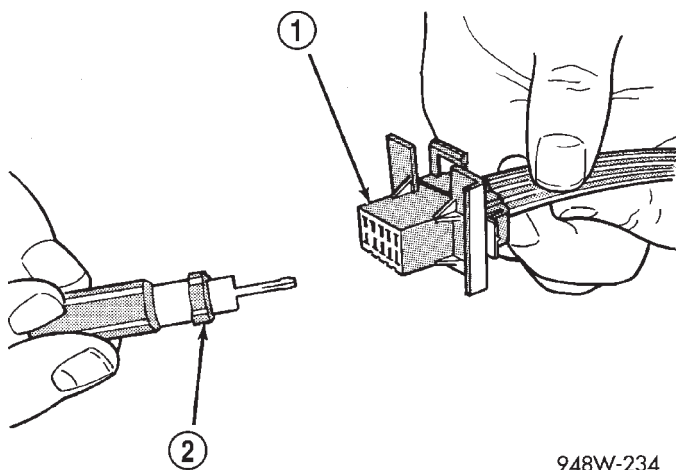
Fig. 7 Wire Repair

- 1 - EXAMPLE 1
- 2 - EXAMPLE 2
- 3 - EXAMPLE 3

## SERVICE PROCEDURES (Continued)

**TERMINAL/CONNECTOR REPAIR-MOLEX CONNECTORS**

- (1) Disconnect battery.
- (2) Disconnect the connector from its mating half/component.
- (3) Insert the terminal releasing special tool 6742 into the terminal end of the connector (Fig. 8).

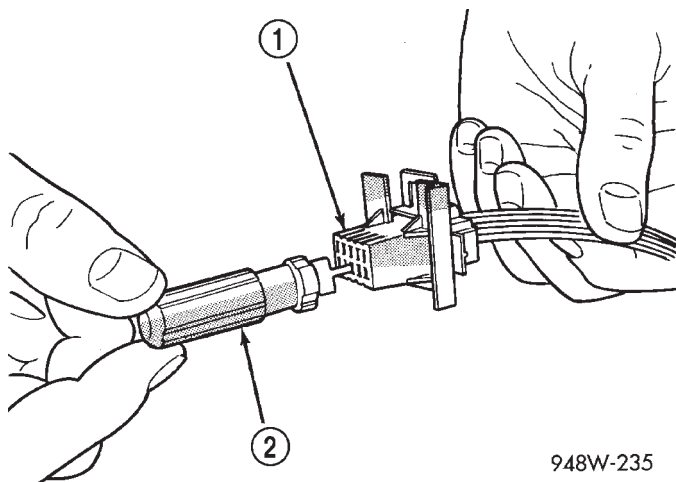


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**Fig. 8 Molex Connector Repair**

- 1 - CONNECTOR  
2 - SPECIAL TOOL 6742

- (4) Using special tool 6742 release the locking fingers on the terminal (Fig. 9).
- (5) Pull on the wire to remove it from the connector.
- (6) Repair or replace the connector or terminal, as necessary.



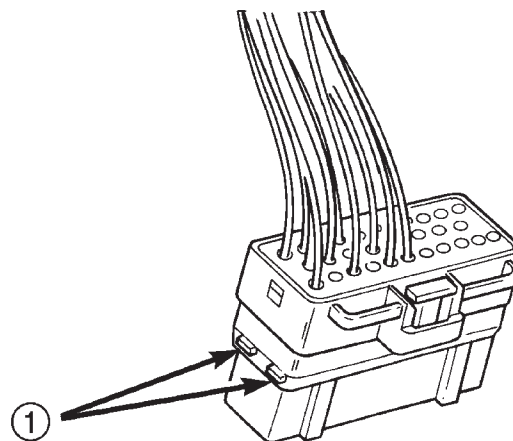
948W-235

**Fig. 9 Using Special Tool 6742**

- 1 - CONNECTOR  
2 - SPECIAL TOOL 6742

**TERMINAL/CONNECTOR REPAIR—THOMAS AND BETTS CONNECTORS**

- (1) Disconnect battery.
- (2) Disconnect the connector from its mating half/component.
- (3) Push in the two lock tabs on the side of the connector (Fig. 10).

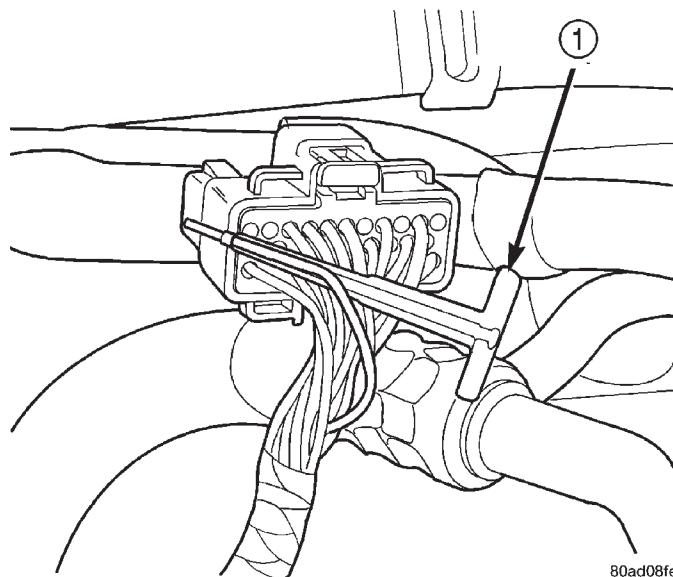


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**Fig. 10 Thomas and Betts Connector Lock Release Tabs**

- 1 - LOCK TABS

- (4) Insert the probe end of special tool 6934 into the back of the connector cavity (Fig. 11).
- (5) Grasp the wire and tool 6934 and slowly remove the wire and terminal from the connector.



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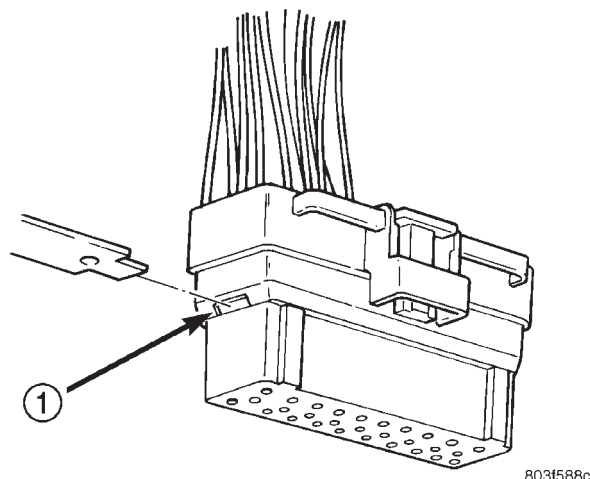
**Fig. 11 Removing Wire Terminal**

- 1 - SPECIAL TOOL 6934



## SERVICE PROCEDURES (Continued)

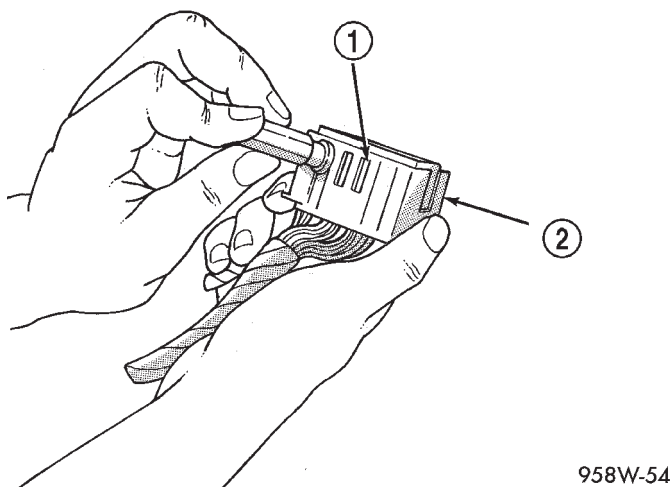
- (6) Repair or replace the terminal.
- (7) Install the wire and terminal in the connector.
- Fully seat the terminal in the connector.
- (8) Push in the single lock tab on the side of the connector (Fig. 12).

**Fig. 12 Single Lock Tab**

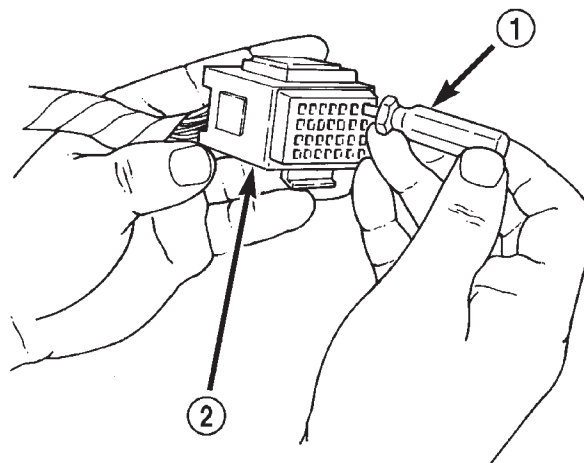
1 - SINGLE LOCK TAB

**TERMINAL/CONNECTOR REPAIR- AUGAT CONNECTORS**

- (1) Disconnect battery.
- (2) Disconnect the connector from its mating half/component.
- (3) Push down on the yellow connector locking tab to release the terminals (Fig. 13).

**Fig. 13 Augat Connector Repair**1 - LOCKING TAB  
2 - CONNECTOR

- (4) Using special tool 6932, push the terminal to remove it from the connector (Fig. 14).

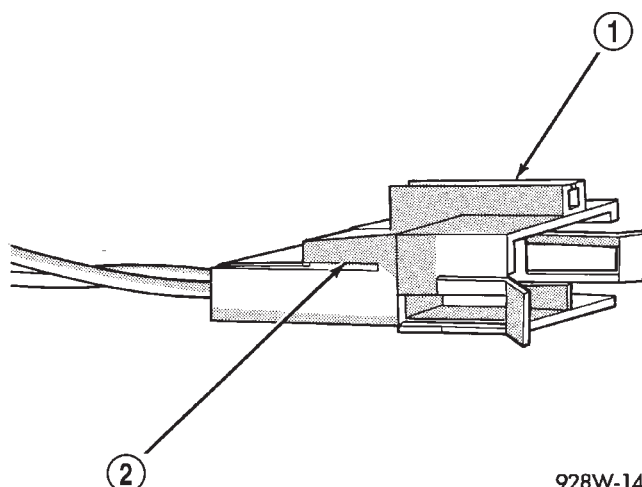
**Fig. 14 Using Special Tool 6932**1 - SPECIAL TOOL 6932  
2 - CONNECTOR

- (5) Repair or replace the connector or terminal as necessary.

- (6) When re-assembling the connector, the locking wedge must be placed in the locked position to prevent terminal push out.

**CONNECTOR REPLACEMENT**

- (1) Disconnect battery.
- (2) Disconnect the connector that is to be repaired from its mating half/component
- (3) Remove the connector locking wedge, if required (Fig. 15)

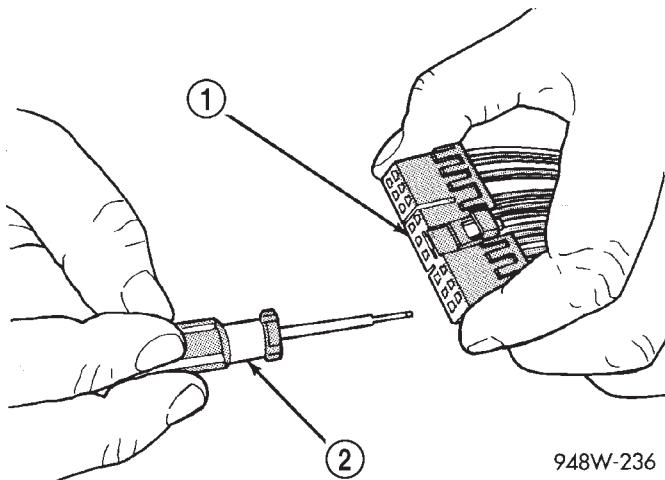
**Fig. 15 Connector Locking Wedge**1 - CONNECTOR  
2 - CONNECTOR LOCKING WEDGE TAB

- (4) Position the connector locking finger away from the terminal using the proper pick from special tool

## SERVICE PROCEDURES (Continued)

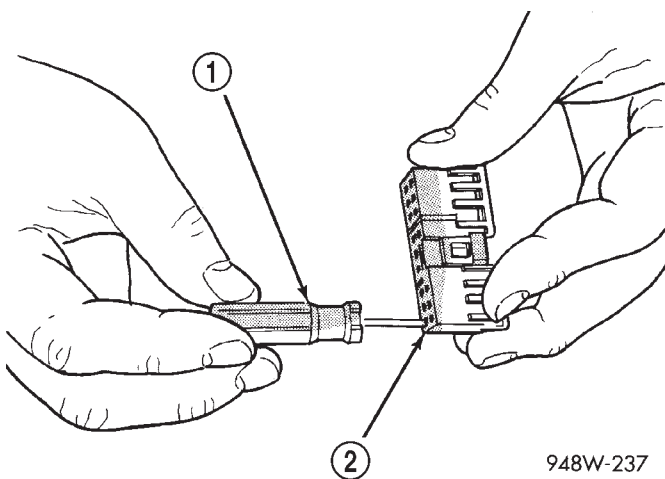
kit 6680. Pull on the wire to remove the terminal from the connector (Fig. 16) (Fig. 17).

- (5) Reset the terminal locking tang, if it has one.
- (6) Insert the removed wire in the same cavity on the repair connector.
- (7) Repeat steps four through six for each wire 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.
- (8) Insert the connector locking wedge into the repaired connector, if required.
- (9) Connect connector to its mating half/component.
- (10) Connect battery and test all affected systems.



**Fig. 16 Terminal Removal**

- 1 - CONNECTOR  
2 - FROM SPECIAL TOOL KIT 6680

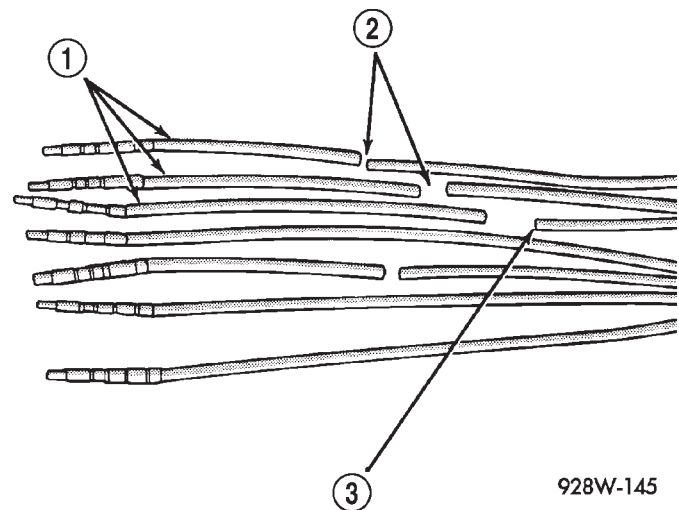


**Fig. 17 Terminal Removal Using Special Tool**

- 1 - FROM SPECIAL TOOL KIT 6680  
2 - CONNECTOR

## CONNECTOR AND TERMINAL REPLACEMENT

- (1) Disconnect battery.
- (2) Disconnect the connector (that is to be repaired) from its mating half/component.
- (3) Cut off the existing wire connector directly behind the insulator. Remove six inches of tape from the harness.
- (4) Stagger cut all wires on the harness side at 1/2 inch intervals (Fig. 18).
- (5) Remove 1 inch of insulation from each wire on the harness side.
- (6) Stagger cut the matching wires on the repair connector assembly in the opposite order as was done on the harness side of the repair. Allow extra length for soldered connections. Check that the overall length is the same as the original (Fig. 18).



**Fig. 18 Stagger Cutting Wires**

- 1 - REPAIR SIDE WIRES  
2 - STAGER CUTS  
3 - HARNESS WIRES

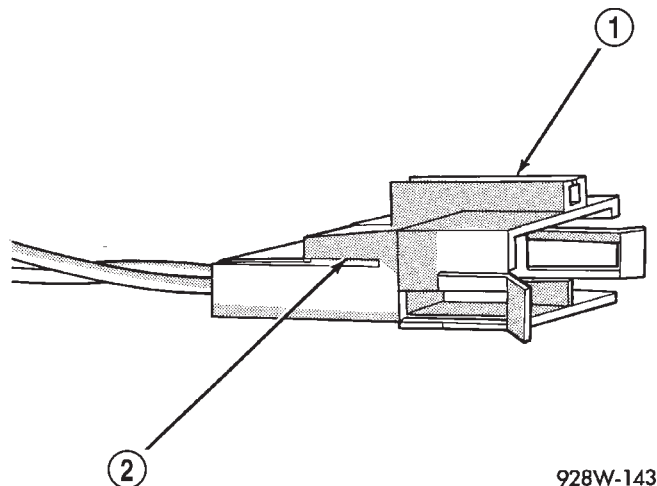
- (7) Remove 1 inch of insulation from each wire.
- (8) Place a piece of heat shrink tubing over one side of the wire. Be sure the tubing will be long enough to cover and seal the entire repair area.
- (9) Spread the strands of the wire apart on each part of the exposed wires.
- (10) Push the two ends of wire together until the strands of wire are close to the insulation.
- (11) Twist the wires together.
- (12) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**
- (13) Center the heat shrink tubing over the joint and heat using a heat gun. Heat the joint until the tubing is tightly sealed and sealant comes out of both ends of the tubing.
- (14) Repeat steps 8 through 13 for each wire.
- (15) Re-tape the wire harness starting 1-1/2 inches behind the connector and 2 inches past the repair.

## SERVICE PROCEDURES (Continued)

- (16) Re-connect the repaired connector.
- (17) Connect the battery, and test all affected systems.

## TERMINAL REPLACEMENT

- (1) Disconnect battery.
- (2) Disconnect the connector being repaired from its mating half. Remove connector locking wedge, if required (Fig. 19).
- (3) Remove connector locking wedge, if required (Fig. 19).

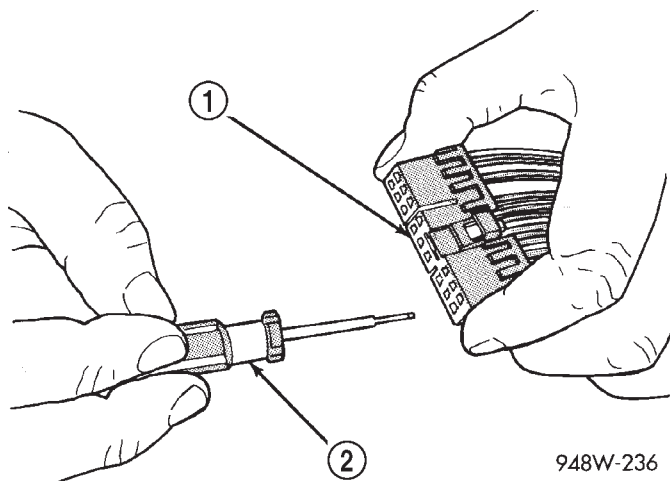


928W-143

**Fig. 19 Connector Locking Wedge Tab (Typical)**

- 1 - CONNECTOR  
2 - CONNECTOR LOCKING WEDGE TAB

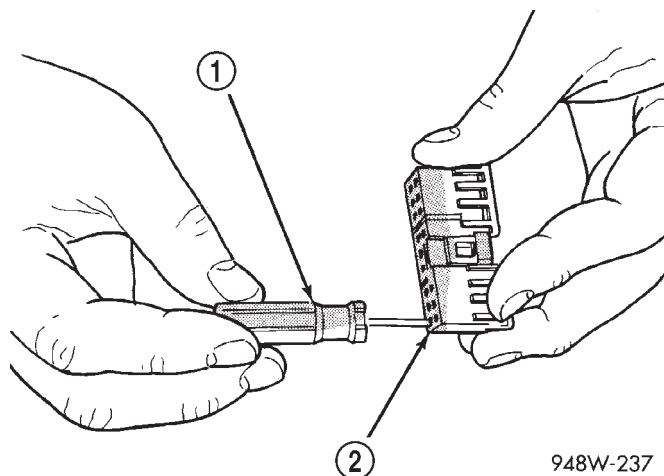
- (4) Position the connector locking finger away from the terminal using the proper pick from special tool kit 6680. Pull on the wire to remove the terminal from the connector (Fig. 20) (Fig. 21).



948W-236

**Fig. 20 Terminal Removal**

- 1 - CONNECTOR  
2 - FROM SPECIAL TOOL KIT 6680



948W-237

**Fig. 21 Terminal Removal Using Special Tool**

- 1 - FROM SPECIAL TOOL KIT 6680  
2 - CONNECTOR

- (5) Cut the wire 6 inches from the back of the connector.

- (6) Remove 1 inch of insulation from the wire on the harness side.

- (7) Select a wire from the terminal repair assembly that best matches the color wire being repaired.

- (8) Cut the repair wire to the proper length and remove 1 inch of insulation.

- (9) Place a piece of heat shrink tubing over one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.

- (10) Spread the strands of the wire apart on each part of the exposed wires.

- (11) Push the two ends of wire together until the strands of wire are close to the insulation.

- (12) Twist the wires together.

- (13) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**

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

- (15) Insert the repaired wire into the connector.

- (16) Install the connector locking wedge, if required, and reconnect the connector to its mating half/component.

- (17) Re-tape the wire harness starting 1-1/2 inches behind the connector and 2 inches past the repair.

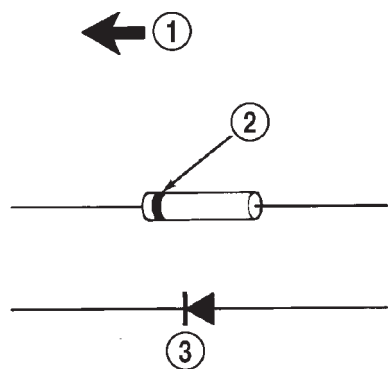
- (18) Connect battery, and test all affected systems.

## DIODE REPLACEMENT

- (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 (Fig. 22).



## SERVICE PROCEDURES (Continued)



948W-197

**Fig. 22 Diode Identification**

- 1 – CURRENT FLOW  
 2 – BAND AROUND DIODE INDICATES CURRENT FLOW  
 3 – DIODE AS SHOWN IN THE DIAGRAMS

(4) Remove the insulation from the wires in the harness. Only remove enough insulation to solder in the new diode.

(5) Install the new diode in the harness, making sure current flow is correct. If necessary refer to the appropriate wiring diagram for current flow.

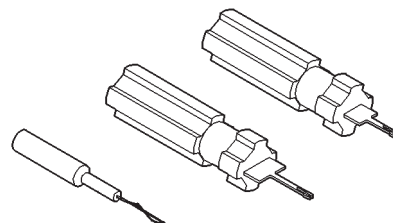
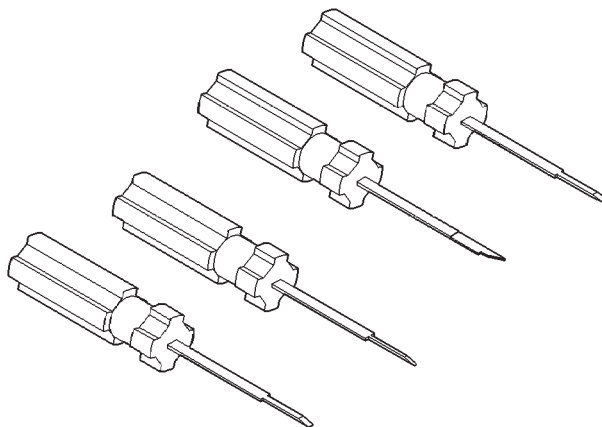
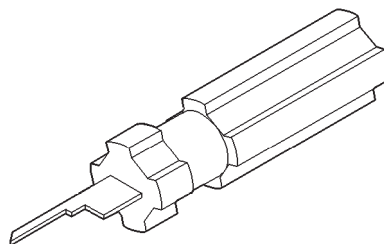
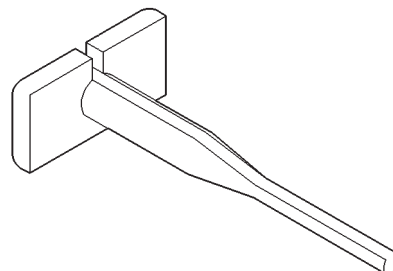
(6) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**

(7) Tape the diode to the harness using electrical tape making, sure the diode is completely sealed from the elements.

(8) Re-connect the battery, and test affected systems.

## SPECIAL TOOLS

## WIRING/TERMINAL

**Probing Tool Package 6807****Terminal Pick 6680****Terminal Removing Tool 6932****Terminal Removing Tool 6934**



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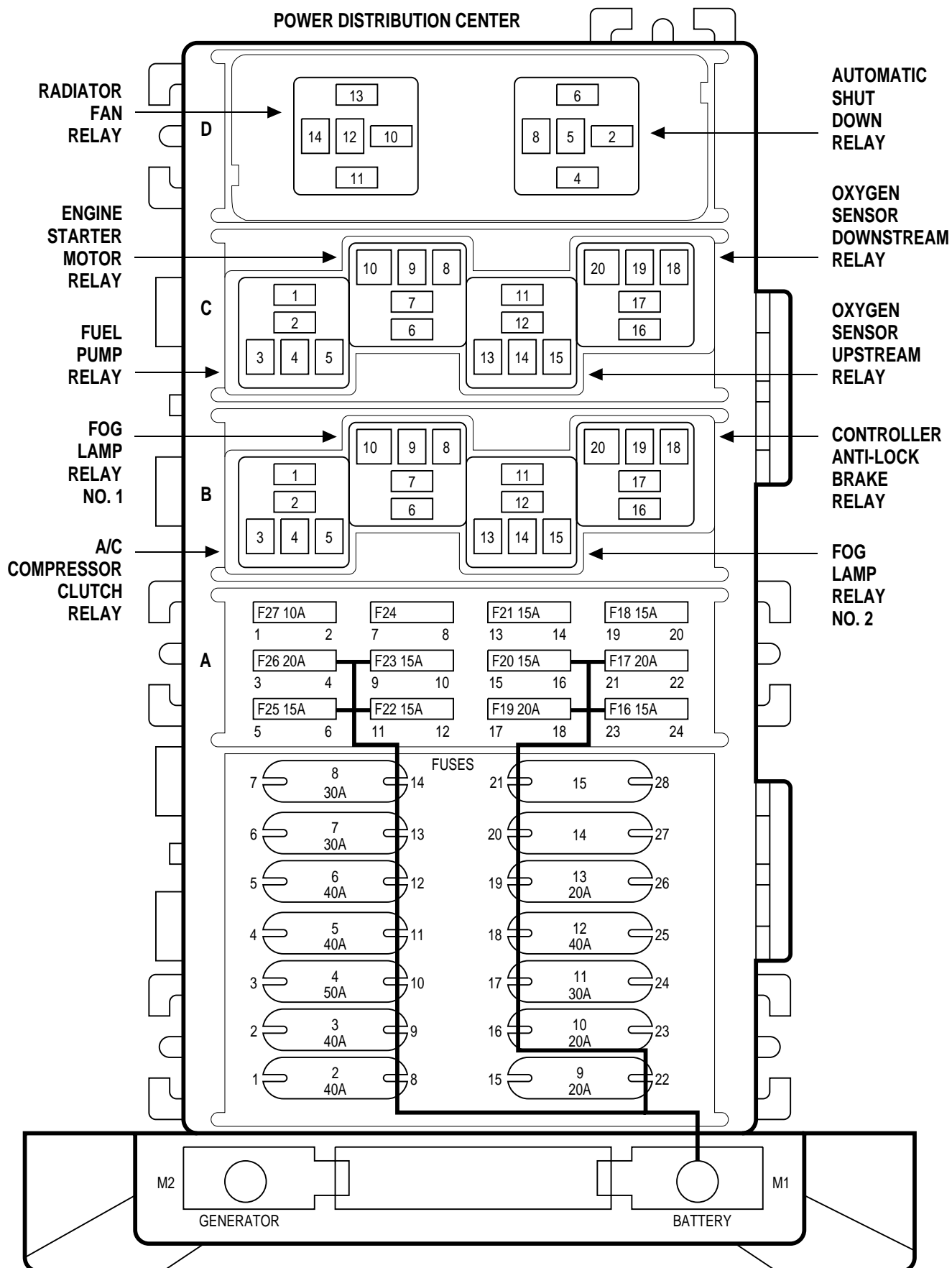
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Fuel Injector No. 1 . . . . .	8W-10-23	Instrument Cluster . . . . .	8W-10-17, 27, 30
Fuel Injector No. 2 . . . . .	8W-10-23	Junction Block . . . . .	8W-10-15, 16, 17, 18, 20, 24, 25, 26, 27, 30
Fuel Injector No. 3 . . . . .	8W-10-23	Left Courtesy Lamp . . . . .	8W-10-27, 30
Fuel Injector No. 4 . . . . .	8W-10-23	Left Fog Lamp . . . . .	8W-10-32, 33, 35
Fuel Injector No. 5 . . . . .	8W-10-23	Left Tail/Stop Lamp . . . . .	8W-10-32, 33
Fuel Injector No. 6 . . . . .	8W-10-23	Left Visor/Vanity Lamp . . . . .	8W-10-28, 29, 30
Fuel Pump Module . . . . .	8W-10-31	Low Note Horn . . . . .	8W-10-20, 26
Fuel Pump Relay . . . . .	8W-10-31	Overhead Module . . . . .	8W-10-28, 29, 30
Fuse 1 (JB) . . . . .	8W-10-20, 26	Oxygen Sensor 1/1 Upstream . . . . .	8W-10-23
Fuse 2 (JB) . . . . .	8W-10-20, 26	Oxygen Sensor 1/2 Downstream . . . . .	8W-10-23
Fuse 2 (PDC) . . . . .	8W-10-11, 13, 15, 19	Oxygen Sensor Downstream Relay . . . . .	8W-10-27
Fuse 3 (PDC) . . . . .	8W-10-11, 13, 15, 19	Oxygen Sensor Upstream Relay . . . . .	8W-10-27
Fuse 4 (PDC) . . . . .	8W-10-11, 13, 19, 20	Park Brake Switch . . . . .	8W-10-15, 16
Fuse 5 (PDC) . . . . .	8W-10-11, 13, 16, 21	Passenger Power Lock/Window Switch . . . . .	8W-10-17
Fuse 6 (PDC) . . . . .	8W-10-11, 13, 21, 24	Power Amplifier . . . . .	8W-10-33, 34
Fuse 7 (PDC) . . . . .	8W-10-11, 13, 22, 24	Power Antenna Relay . . . . .	8W-10-29
Fuse 8 (JB) . . . . .	8W-10-17	Power Distribution Center . . . . .	8W-10-2, 7, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35
Fuse 8 (PDC) . . . . .	8W-10-11, 13, 23, 24	Powertrain Control Module . . . . .	8W-10-19, 23, 31
Fuse 9 (JB) . . . . .	8W-10-17	Radiator Fan Motor . . . . .	8W-10-21, 26
Fuse 9 (PDC) . . . . .	8W-10-11, 13, 22, 26	Radiator Fan Relay . . . . .	8W-10-19, 21, 26
Fuse 10 (JB) . . . . .	8W-10-17	Radio . . . . .	8W-10-27, 30
Fuse 10 (PDC) . . . . .	8W-10-11, 13, 16, 25	Rail Coil . . . . .	8W-10-23
Fuse 11 (JB) . . . . .	8W-10-17	Rear Window Defogger . . . . .	8W-10-24, 25
Fuse 11 (PDC) . . . . .	8W-10-11, 13, 25, 26	Rear Window Defogger Relay . . . . .	8W-10-18, 24, 25
Fuse 12 (JB) . . . . .	8W-10-18	Right Courtesy Lamp . . . . .	8W-10-27, 30
Fuse 12 (PDC) . . . . .	8W-10-12, 13, 25, 26	Right Fog Lamp . . . . .	8W-10-32, 33, 35
Fuse 13 (JB) . . . . .	8W-10-24, 25	Right Tail/Stop Lamp . . . . .	8W-10-32, 33
Fuse 13 (PDC) . . . . .	8W-10-12, 14, 25, 26	Right Visor/Vanity Lamp . . . . .	8W-10-28, 29, 30
Fuse 14 (JB) . . . . .	8W-10-24, 25	Sentry Key Immobilizer Module . . . . .	8W-10-22, 32
Fuse 14 (PDC) . . . . .	8W-10-14, 26	Transmission Control Module . . . . .	8W-10-27
Fuse 15 (JB) . . . . .	8W-10-20, 26	Underhood Lamp/Mercury Switch . . . . .	8W-10-27, 30
Fuse 15 (PDC) . . . . .	8W-10-14, 24		
Fuse 16 (PDC) . . . . .	8W-10-12, 14, 27, 30		



**FUSES**

FUSE NO.	AMPS	FUSED CIRCUIT	FEED CIRCUIT
1	-	-	-
2	40A	A1 12RD	A0 6RD
3	40A	A2 12PK/BK	A0 6RD
4	50A	A7 10RD/BK	A0 6RD
5	40A	F141 12LG/RD	A0 6RD
6	40A	A111 12RD/LG	A0 6RD
7	30A	A3 14RD/WT	A0 6RD
		A3 14RD/WT ▲	
8	30A	A16 14RD/LG	A0 6RD
9	20A	A17 16RD/BK	A0 6RD
		A17 16RD/BK	
10	20A	A41 16YL	A0 6RD
11	30A	A4 12BK/PK	A0 6RD
12 ●	40A	A10 12RD/DG	A0 6RD
13 ●	20A	A20 12RD/DB	A0 6RD
14	-	-	A0 6RD
15	-	-	A0 6RD
16	15A	M1 20PK	A0 6RD
17 ■	20A	F99 18RD	A0 6RD
18	15A	A142 18DG/OR	A999 16RD
19	20A	F34 18TN/BK	A0 6RD
20	15A	L9 20BK/PK	A0 6RD
21	15A	F142 18DG/WT	A999 16RD
22	15A	A61 14DG/BK	A0 6RD
23	15A	F32 20PK/DB	A0 6RD
24	-	-	-
25	15A	F61 20WT/OR	A0 6RD
26	20A	F75 16VT	A0 6RD
27	10A	F1 20DB/GY	A17 16RD/BK

● ABS  
▲ DRL  
■ 4.0L

## GAS

A/C  
COMPRESSOR  
CLUTCH  
RELAY

CAVITY	CIRCUIT	FUNCTION
B1	A17 16RD/BK	FUSED B(+)
B2	C3 16DB/BK	A/C COMPRESSOR CLUTCH RELAY OUTPUT
B3	C13 18DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
B4	-	-
B5	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)

AUTOMATIC  
SHUT  
DOWN  
RELAY

CAVITY	CIRCUIT	FUNCTION
D2	A16 14RD/LG	FUSED B(+)
D4	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
D5	-	-
D6	K51 18DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
D8	A999 16RD	AUTOMATIC SHUT DOWN RELAY OUTPUT
	A999 16RD	

CONTROLLER  
ANTI-LOCK  
BRAKE  
RELAY

CAVITY	CIRCUIT	FUNCTION
B16	G19 20LG/OR	ABS WARNING INDICATOR DRIVER
B17	-	-
B18	G83 18GY/BK	ABS RELAY CONTROL
B19	Z1 20BK	GROUND
B19	Z1 20BK ■	GROUND
B20	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)

ENGINE  
STARTER  
MOTOR  
RELAY

CAVITY	CIRCUIT	FUNCTION
C6	A41 16YL	FUSED B(+)
C7	T40 16BR	ENGINE STARTER MOTOR RELAY OUTPUT
C8	F45 20YL/RD ●	FUSED B(+) ENGINE STARTER MOTOR RELAY
C8	T141 20YL ▲	IGNITION SWITCH OUTPUT (START)
C9	-	-
C10	Z1 20BK ■■	GROUND
C10	Z1 20BK ▲▲	GROUND
C10	T41 20BK/WT ●●	PARK/NEUTRAL POSITION SWITCH SENSE
C10	T41 20BK/WT ■■■	PARK/NEUTRAL POSITION SWITCH SENSE

■ 4.0L ABS EXCEPT DRL  
 ■■ 4.0L M/T  
 ■■■ 4.0L A/T

▲ 2.5L, 4.0L M/T, RHD 4.0L A/T  
 ▲▲ LHD 4.0L M/T EXCEPT ABS EXCEPT DRL

● LHD 4.0 A/T  
 ●● EXCEPT 4.0L M/T



**FOG  
LAMP  
RELAY  
NO. 1**

CAVITY	CIRCUIT	FUNCTION
B6	L77 20BR/YL	FUSED HEADLAMP SWITCH OUTPUT
	L77 20BR/YL	FUSED HEADLAMP SWITCH OUTPUT
B7	-	-
B8	Z1 20BK	GROUND
	Z1 20BK	GROUND
B9	L139 20VT	FOG LAMP RELAY OUTPUT NO. 1
B10	L33 20RD/WT ▲	FUSED B(+)
B10	G34 16RD/GY ▲▲	HIGH BEAM INDICATOR DRIVER
	G34 16RD/GY ▲▲	HIGH BEAM INDICATOR DRIVER

**FOG  
LAMP  
RELAY  
NO. 2**

CAVITY	CIRCUIT	FUNCTION
B11	F61 20WT/OR	FUSED B(+)
B12	L39 20LB	FOG LAMP RELAY OUTPUT
B13	Z1 20BK	GROUND
B14	-	-
B15	L92 20PK	FOG LAMP SWITCH OUTPUT

**FUEL  
PUMP  
RELAY**

CAVITY	CIRCUIT	FUNCTION
C1	A61 14DG/BK	FUSED B(+)
	A61 16DG/BK	FUSED B(+)
C2	A141 14DG/WT	FUEL PUMP RELAY OUTPUT
C3	K31 18BR	FUEL PUMP RELAY CONTROL
C4	-	-
C5	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)

▲ EXCEPT DRL  
 ▲▲ DRL

OXYGEN  
SENSOR  
DOWNSTREAM  
RELAY  
(GAS)

CAVITY	CIRCUIT	FUNCTION
C16	F99 18RD	FUSED B(+)
	F99 18RD	FUSED B(+)
C17	A242 18VT/OR	OXYGEN SENSOR 1/2 DOWNSTREAM
C18	F20 18WT •	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
	F20 18WT •	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
C18	F26 18PK/OR ••	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
	F26 18PK/OR ••	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
C19	-	-
C20	K74 18BR/VT	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL

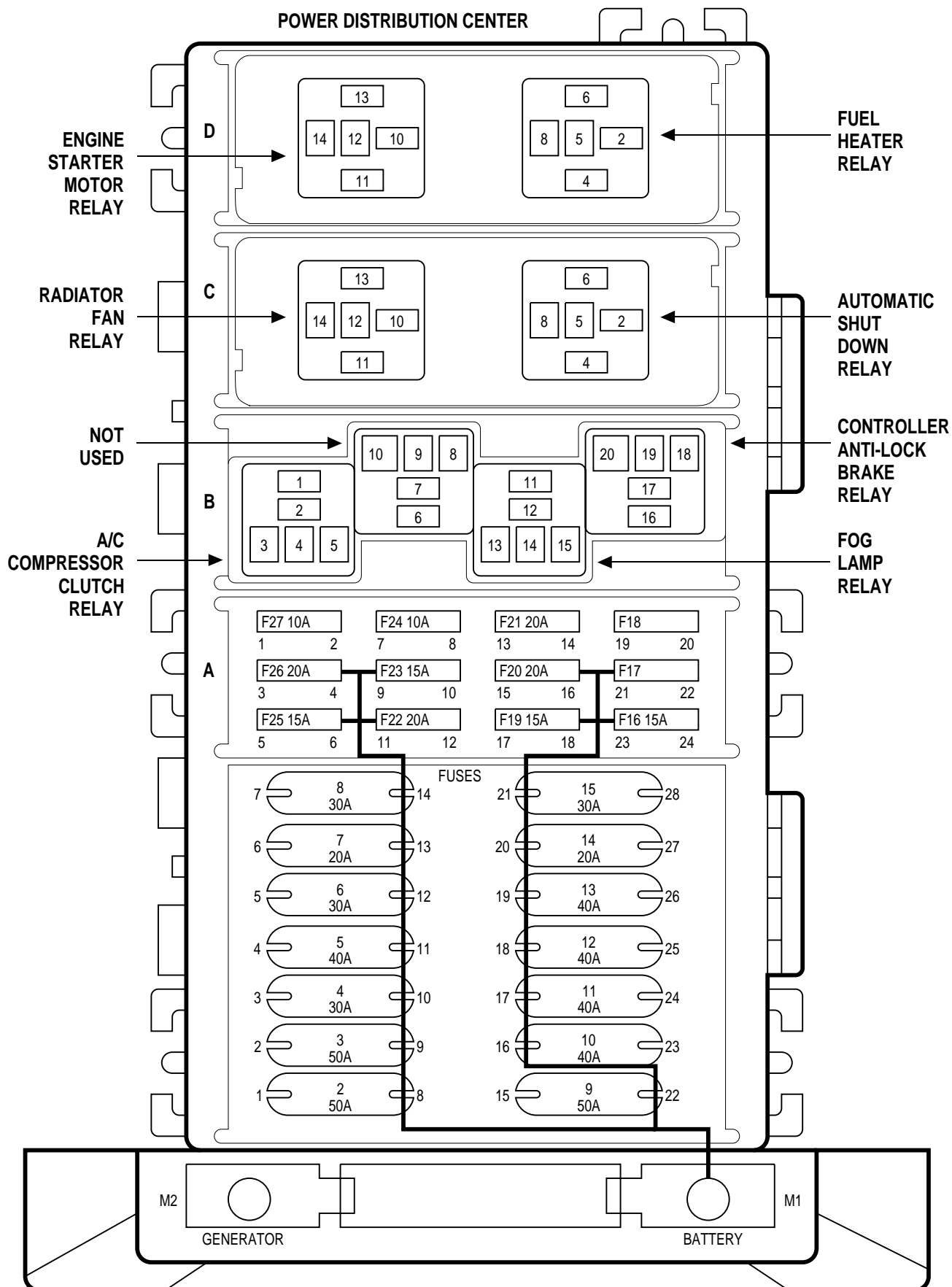
OXYGEN  
SENSOR  
UPSTREAM  
RELAY  
(GAS)

CAVITY	CIRCUIT	FUNCTION
C11	F99 18RD	FUSED B(+)
C12	A42 18DG	OXYGEN SENSOR 1/1 UPSTREAM
C13	F20 18WT •	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
	F20 18WT •	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
C13	F26 18PK/OR ••	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
C14	-	-
C15	K73 18BR/OR	KNOCK SENSOR SIGNAL (-)

RADIATOR  
FAN  
RELAY

CAVITY	CIRCUIT	FUNCTION
D10	F141 12LG/RD	FUSED B(+)
D11	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
D12	-	-
D13	C27 18DB/PK	RADIATOR FAN RELAY CONTROL
D14	C25 12LB	RADIATOR FAN RELAY OUTPUT

- 2.5L, 4.0L A/T FOG EXCEPT DRL
- 4.0L (A/T DRL), (A/T EXCEPT FOG), (M/T)



## FUSES

FUSE NO.	AMPS	FUSED CIRCUIT	FEED CIRCUIT
1	-	-	-
2	50A	A54 12RD/GY	A0 6RD
3	50A	A54 12RD/GY	A0 6RD
4	30A	A16 12RD/LG	A0 6RD
5	40A	A1 12RD	A0 6RD
6	30A	A61 14LG/RD	A0 6RD
7	20A	A41 16YL	A0 6RD
8	30A	A3 14RD/WT	A0 6RD
9	50A	A7 10RD/BK	A0 6RD
10	40A	A2 12PK/BK	A0 6RD
11	40A	A111 12RD/LG	A0 6RD
12	• 40A	A10 12RD/DG	A0 6RD
13	40A	F141 12LG/RD	A0 6RD
14	• 20A	A20 12RD/DB	A0 6RD
15	30A	A4 12BK/PK	A0 6RD
16	15A	M1 20PK	A0 6RD
		M1 20PK	
17	-	-	A0 6RD
18	-	-	-
19	15A	F32 20PK/DB	A0 6RD
20	20A	A17 18RD/BK	A0 6RD
		A17 16RD/BK	
21	20A	F142 16DG/OR	A142 16DG/OR
22	20A	F75 16VT	A0 6RD
23	15A	L9 20BK/PK	A0 6RD
24	10A	F16 16RD/LG	A16 12RD/LG
25	15A	F61 20WT/OR	A0 6RD
26	20A	F34 18TN/BK	A0 6RD
27	10A	F1 20DB/GY	A17 18RD/BK

• ABS

**A/C  
COMPRESSOR  
CLUTCH  
RELAY**

CAVITY	CIRCUIT	FUNCTION
B1	A17 16RD/BK	FUSED B(+)
B2	C3 16DB/BK	A/C COMPRESSOR CLUTCH RELAY OUTPUT
B3	C13 20DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
B4	-	-
B5	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT

**AUTOMATIC  
SHUT  
DOWN  
RELAY**

CAVITY	CIRCUIT	FUNCTION
C2	A16 12RD/LG	FUSED B(+)
C4	A16 12RD/LG	FUSED B(+)
C5	-	-
C6	K51 20DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
C8	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT

**CONTROLLER  
ANTI-LOCK  
BRAKE  
RELAY**

CAVITY	CIRCUIT	FUNCTION
B16	G19 20LG/OR	ABS WARNING INDICATOR DRIVER
B17	-	-
B18	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
	F15 18DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
B19	Z1 20BK	GROUND
B20	G83 18GY/BK	ABS RELAY CONTROL

**ENGINE  
STARTER  
MOTOR  
RELAY**

CAVITY	CIRCUIT	FUNCTION
D10	A41 16YL	FUSED B(+)
D11	T141 20YL	IGNITION SWITCH OUTPUT (START)
D12	-	-
D13	Z1 20BK	GROUND
	Z1 20BK/YL	GROUND
D14	T40 16BR	ENGINE STARTER MOTOR RELAY OUTPUT

**FOG  
LAMP  
RELAY**

CAVITY	CIRCUIT	FUNCTION
B11	F61 20WT/OR	FUSED B(+)
B12	L39 20LB	FOG LAMP RELAY OUTPUT
B13	Z1 20BK	GROUND
	Z1 20BK/YL	GROUND
B14	-	-
B15	L92 20PK	FUSED FOG LAMP SWITCH FEED

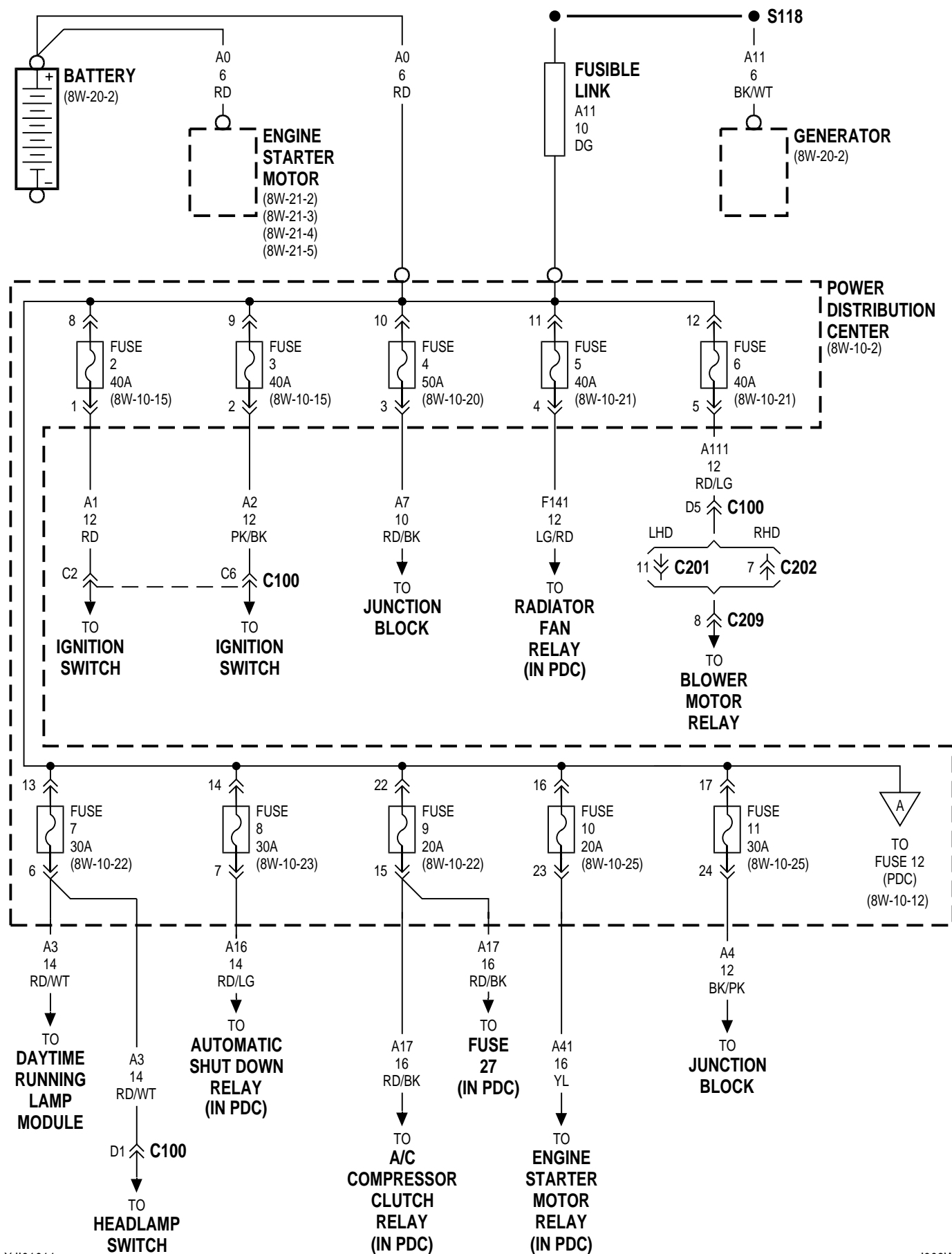
**FUEL  
HEATER  
RELAY**

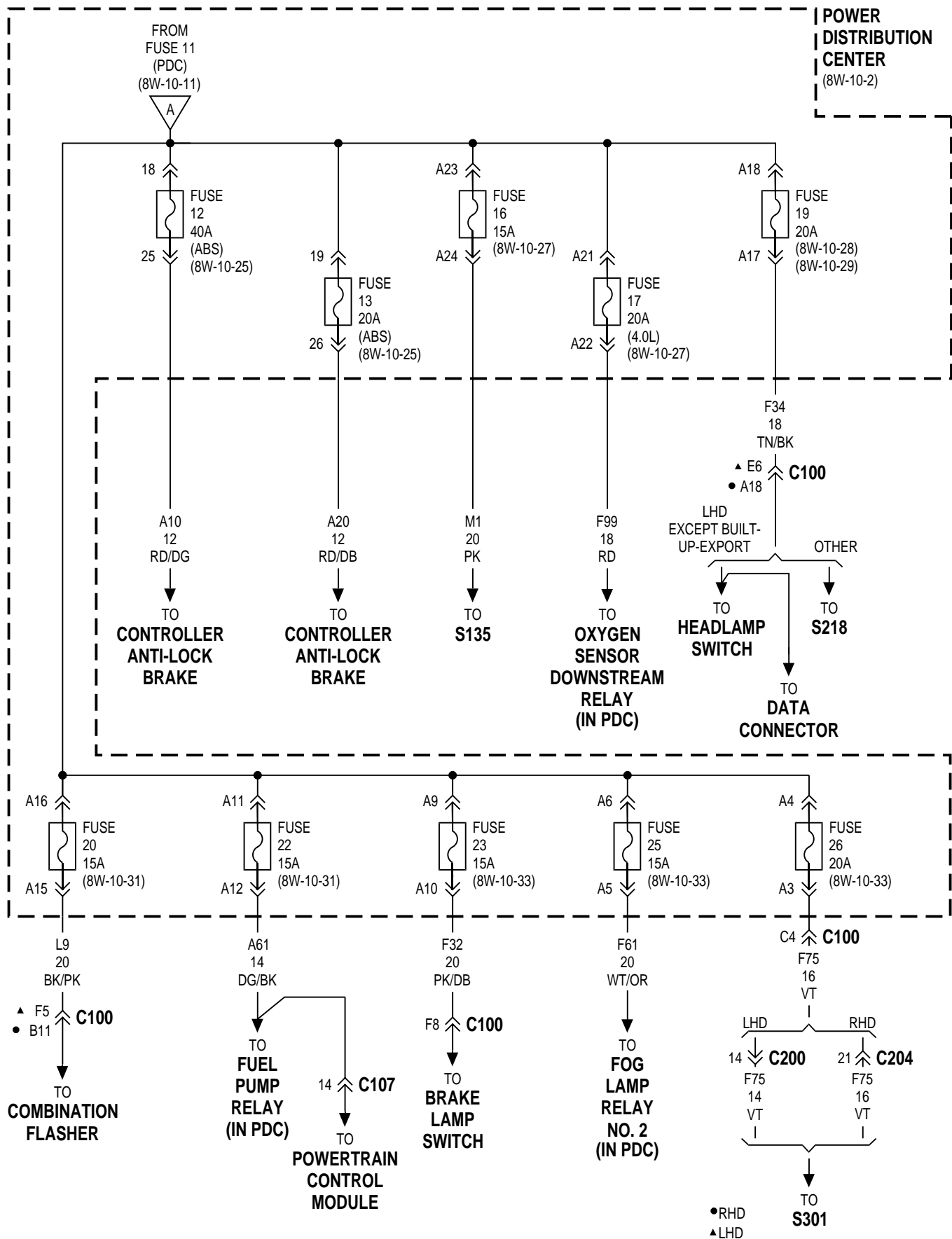
CAVITY	CIRCUIT	FUNCTION
D2	A61 14LG/RD	FUSED B(+)
D4	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
D5	-	-
D6	Z1 18BK	GROUND
D8	A93 14RD/BK	FUEL HEATER RELAY OUTPUT

**RADIATOR  
FAN  
RELAY**

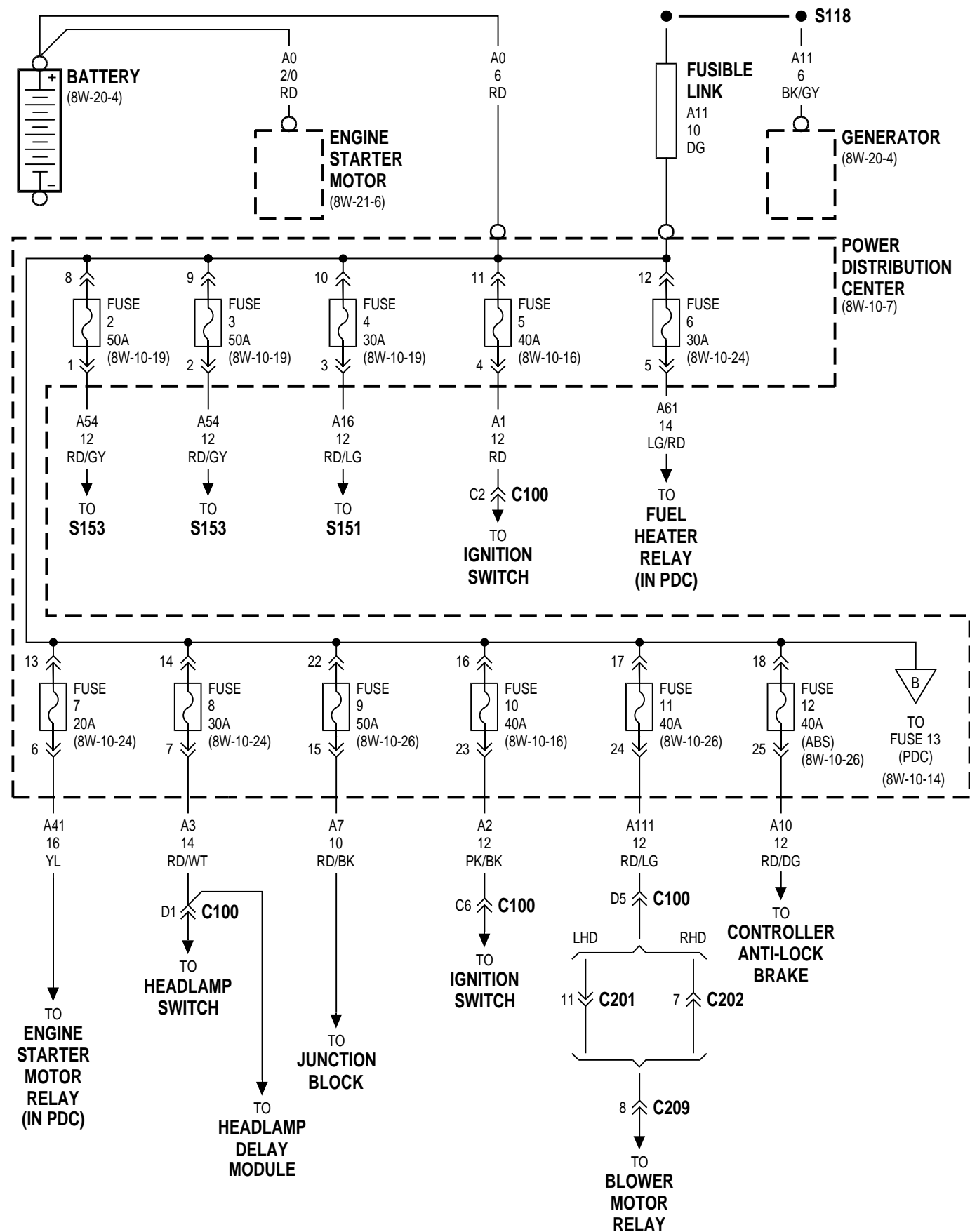
CAVITY	CIRCUIT	FUNCTION
C10	F141 12LG/RD	FUSED B(+)
C11	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
C12	-	-
C13	C27 20DB/PK	RADIATOR FAN RELAY CONTROL
C14	C25 12LB	RADIATOR FAN RELAY OUTPUT

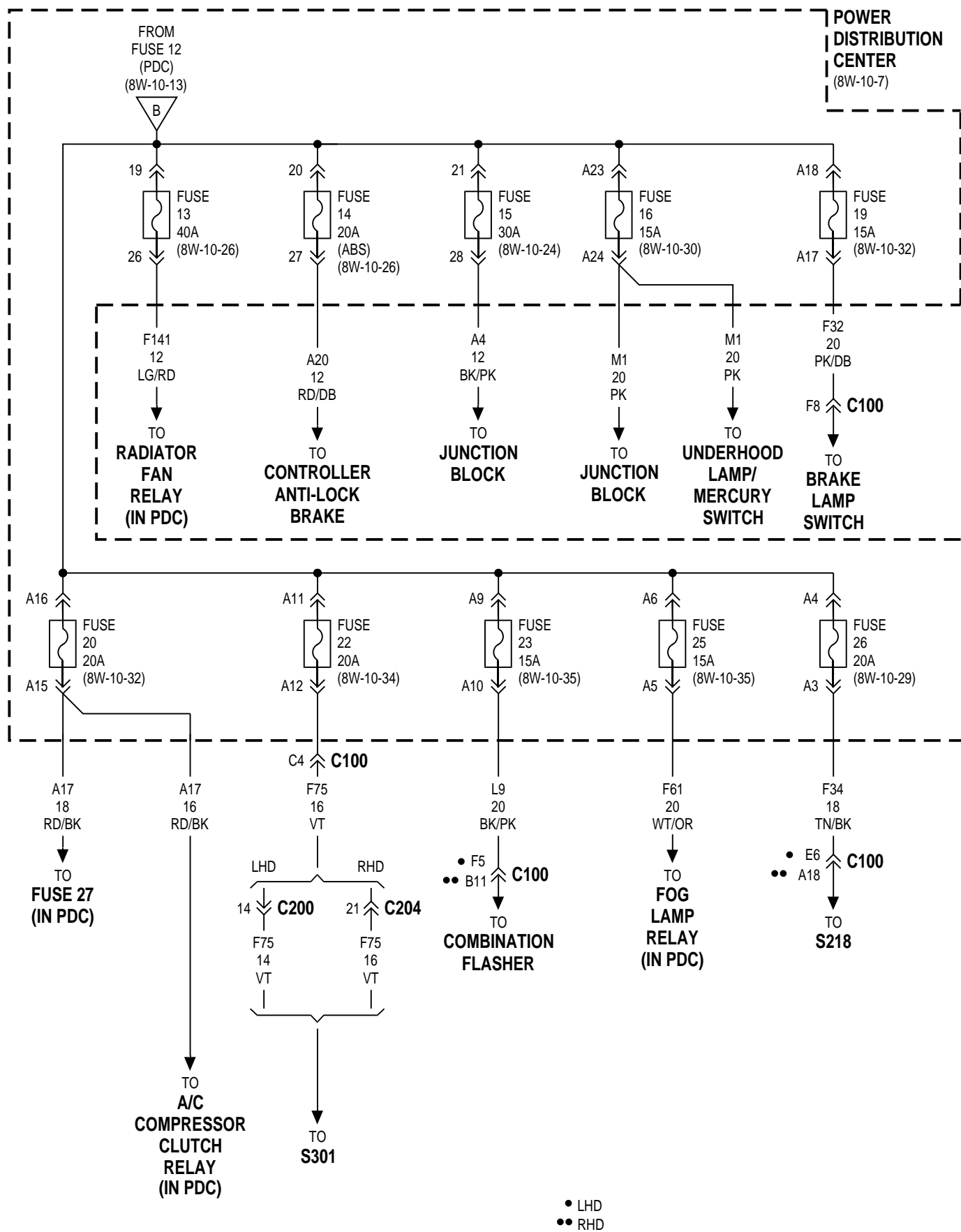
## GAS

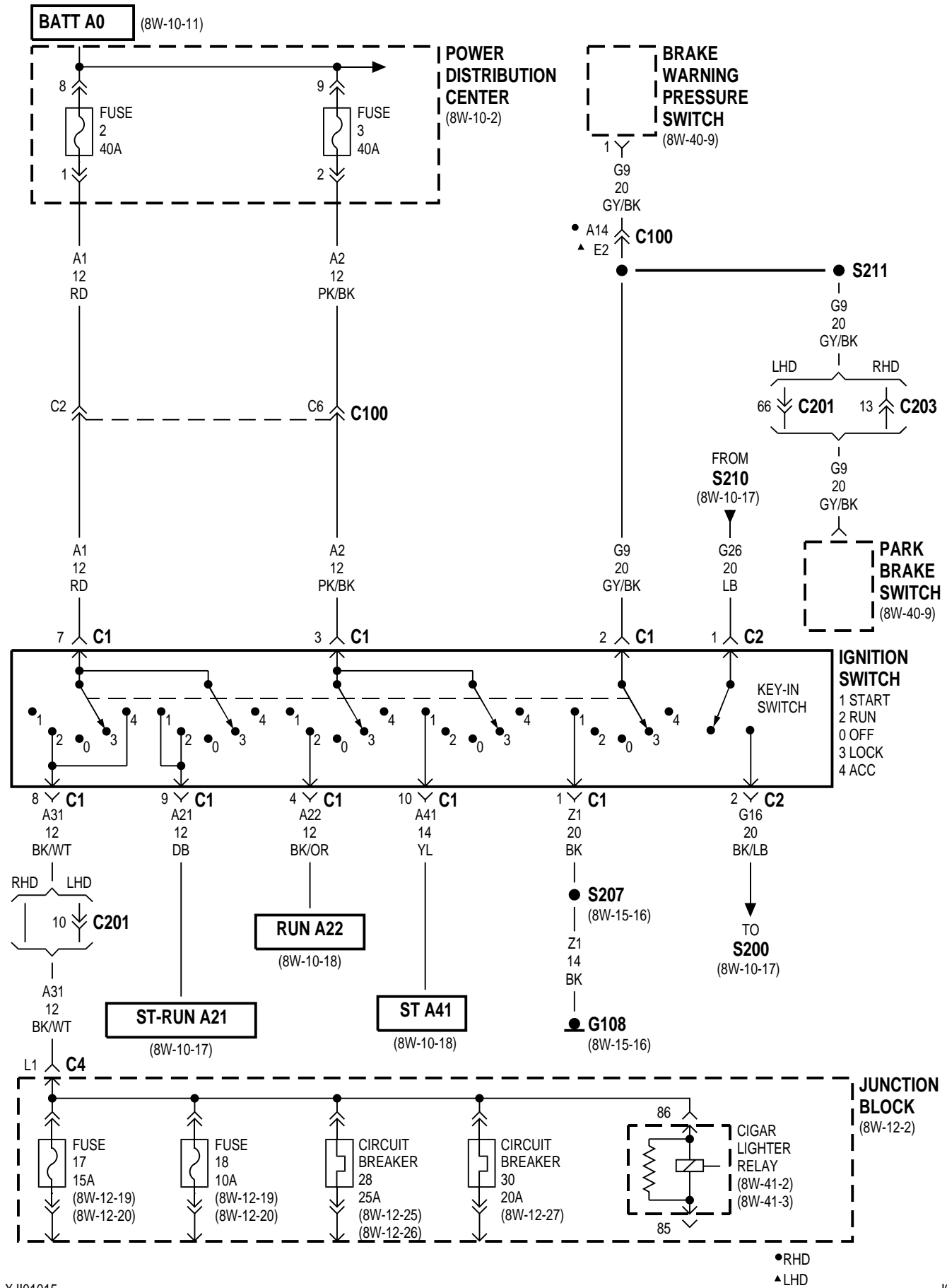




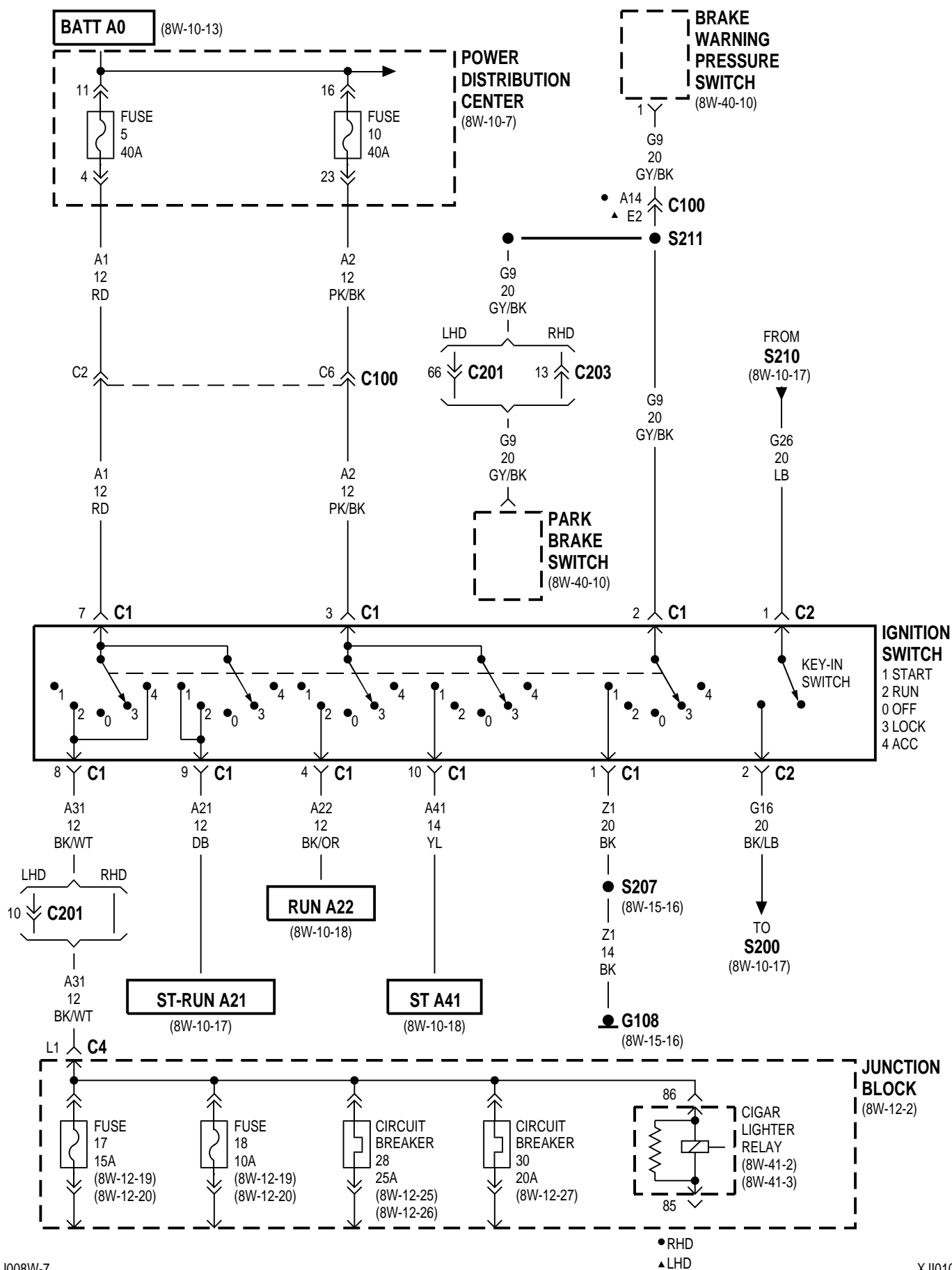




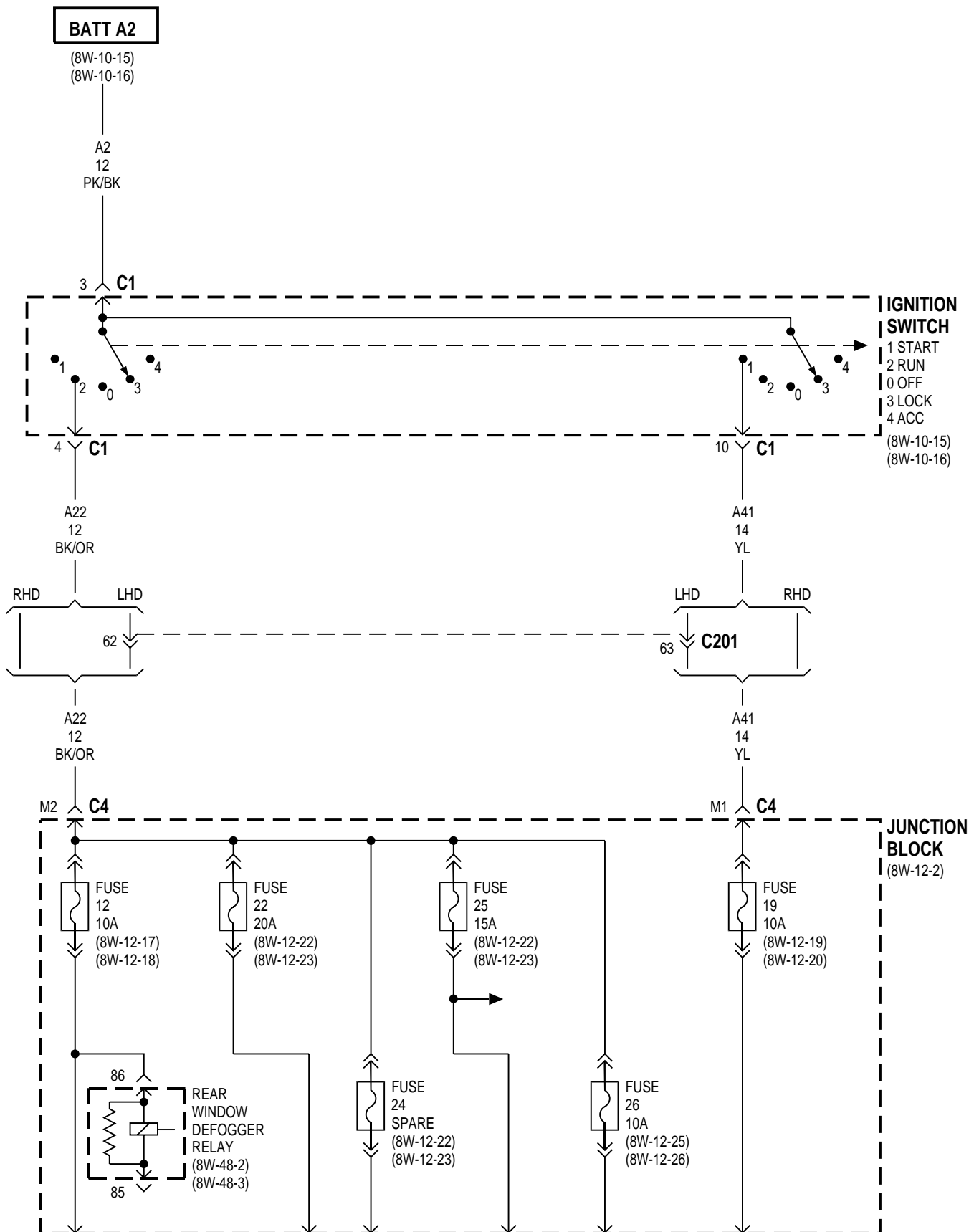


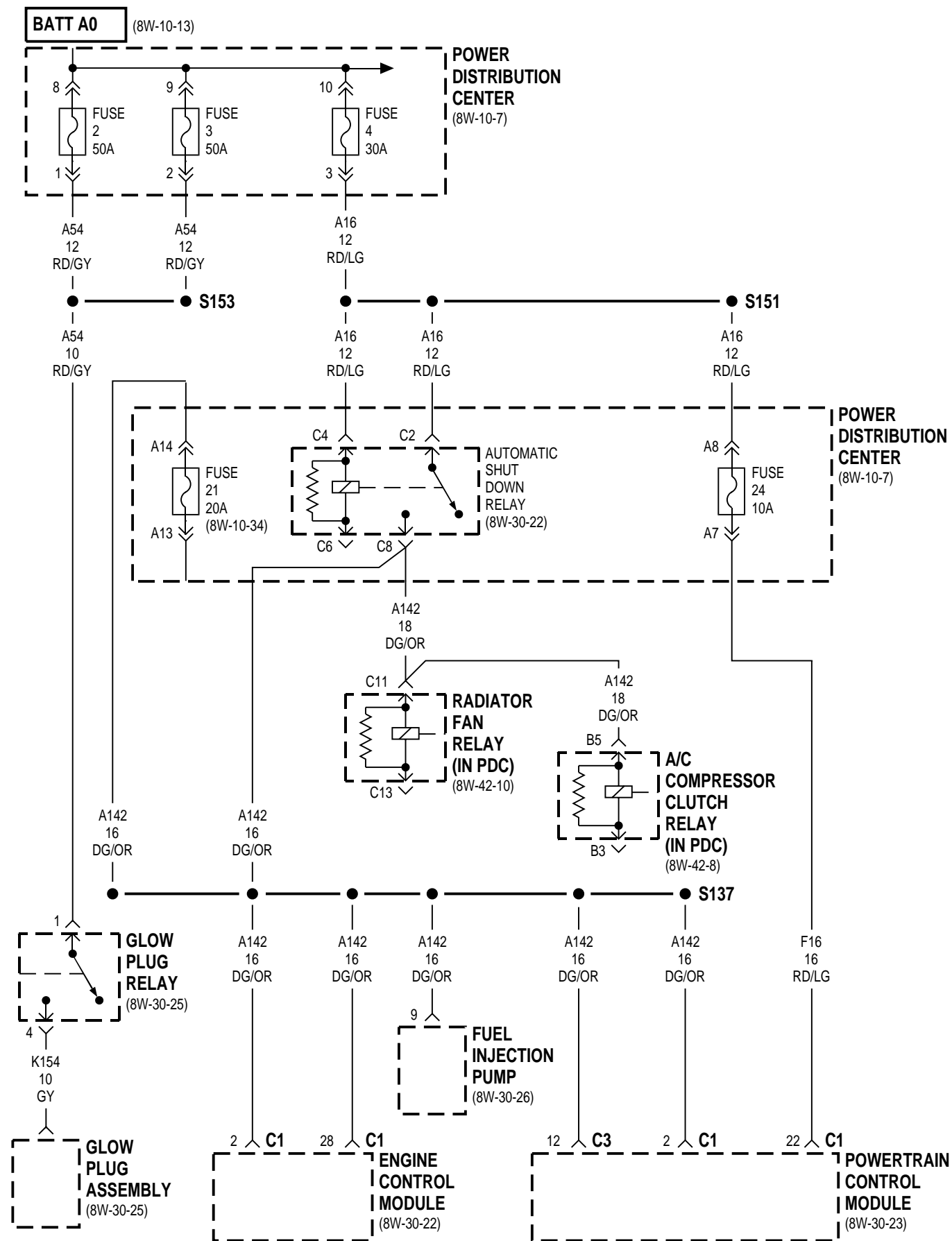


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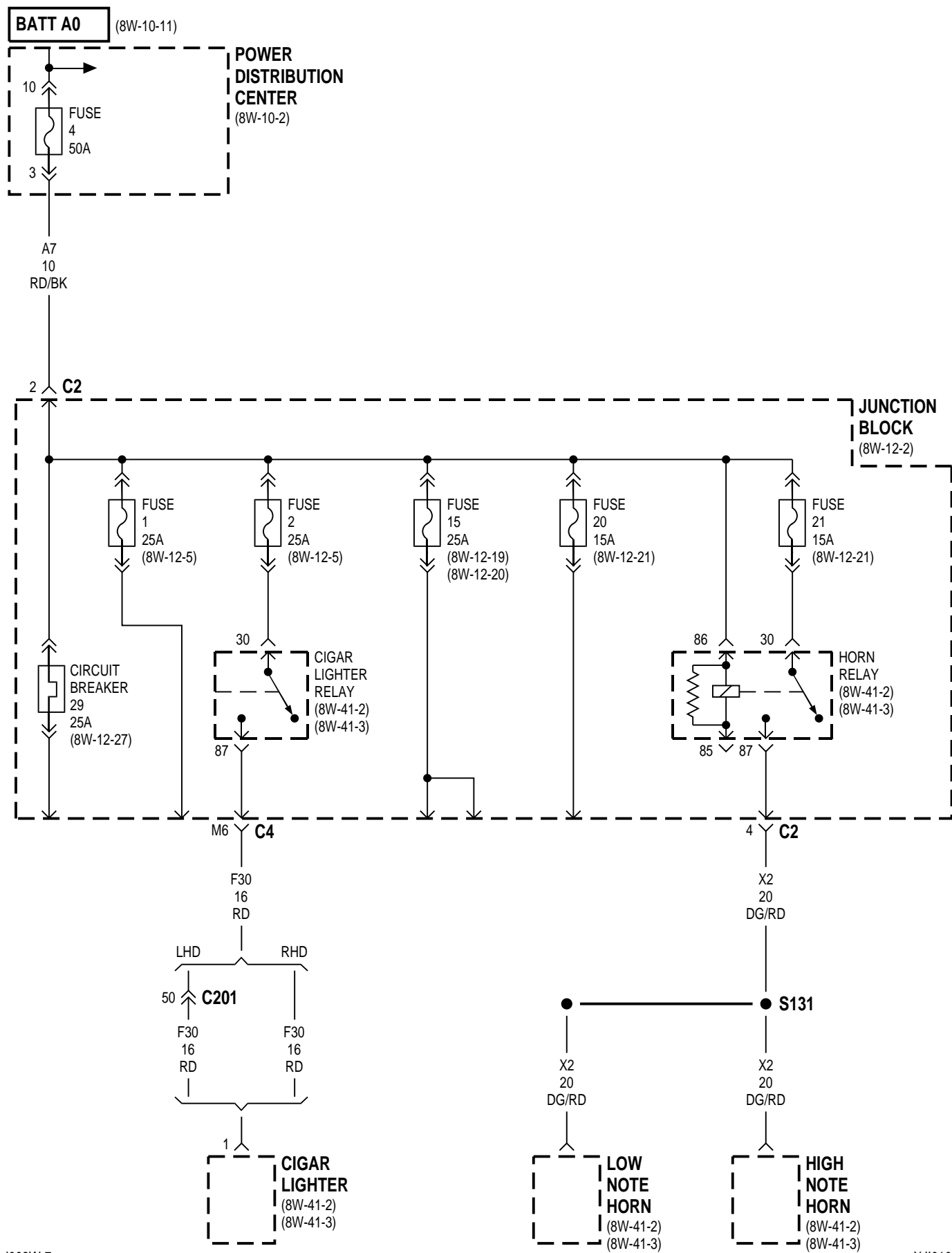




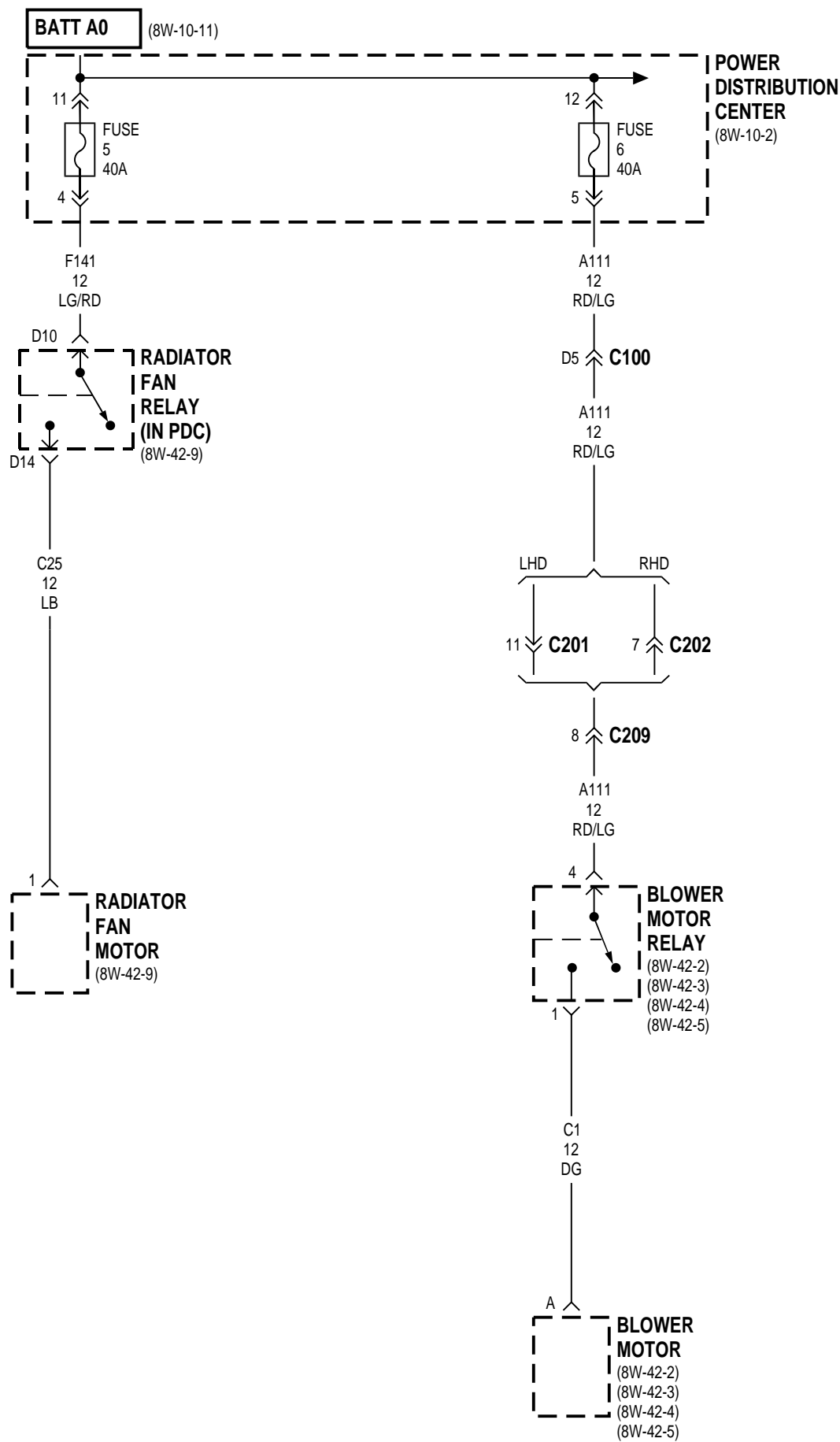


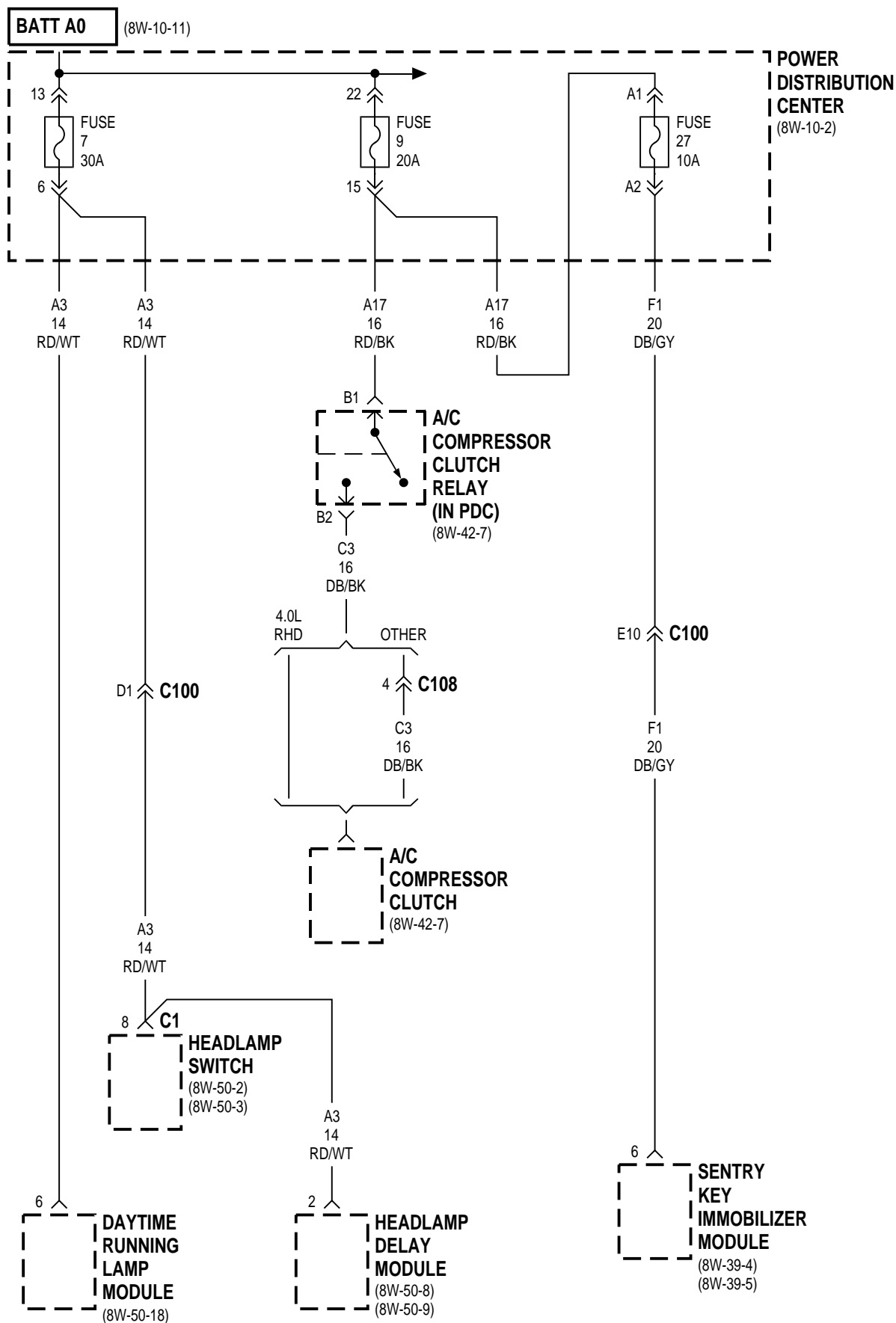


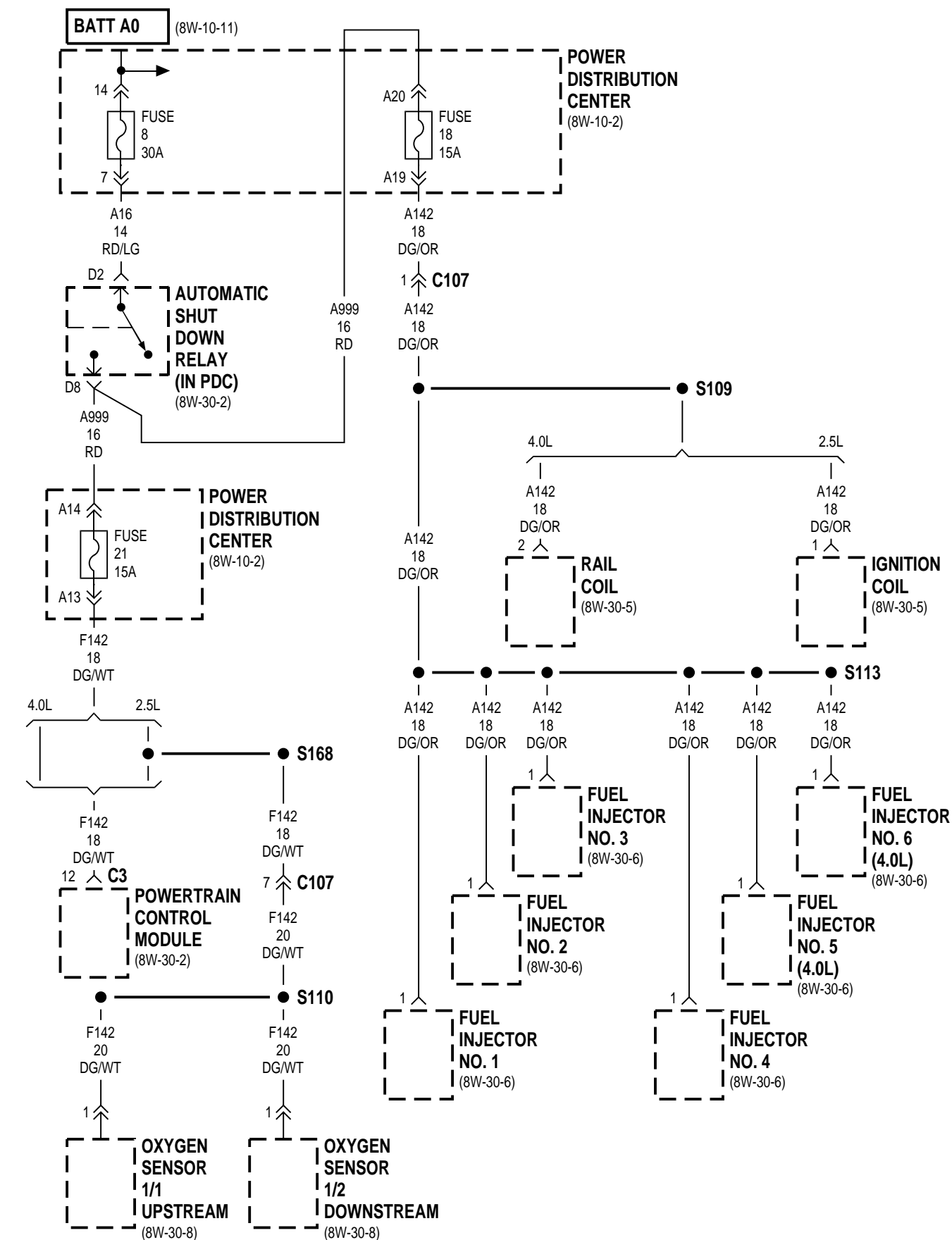
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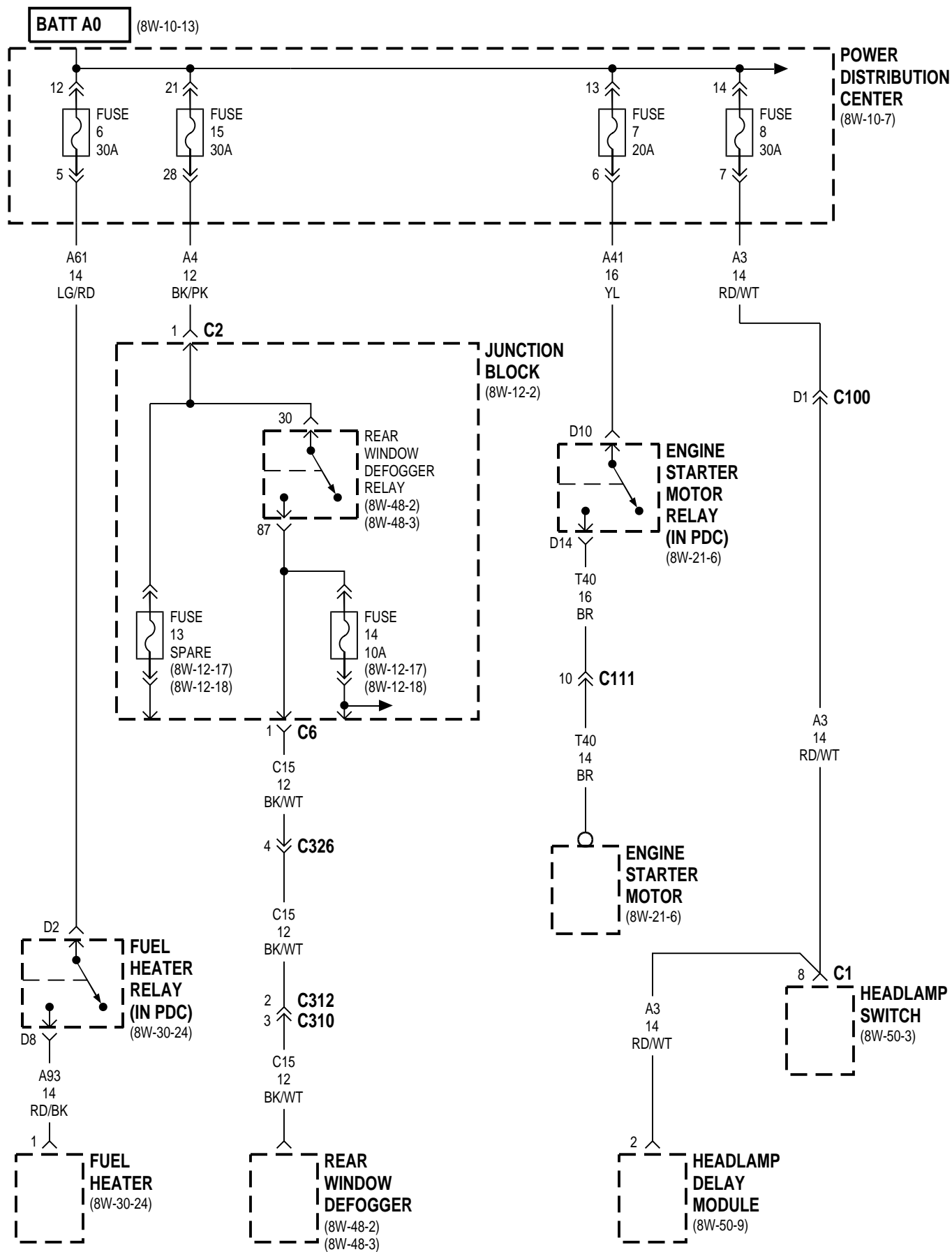


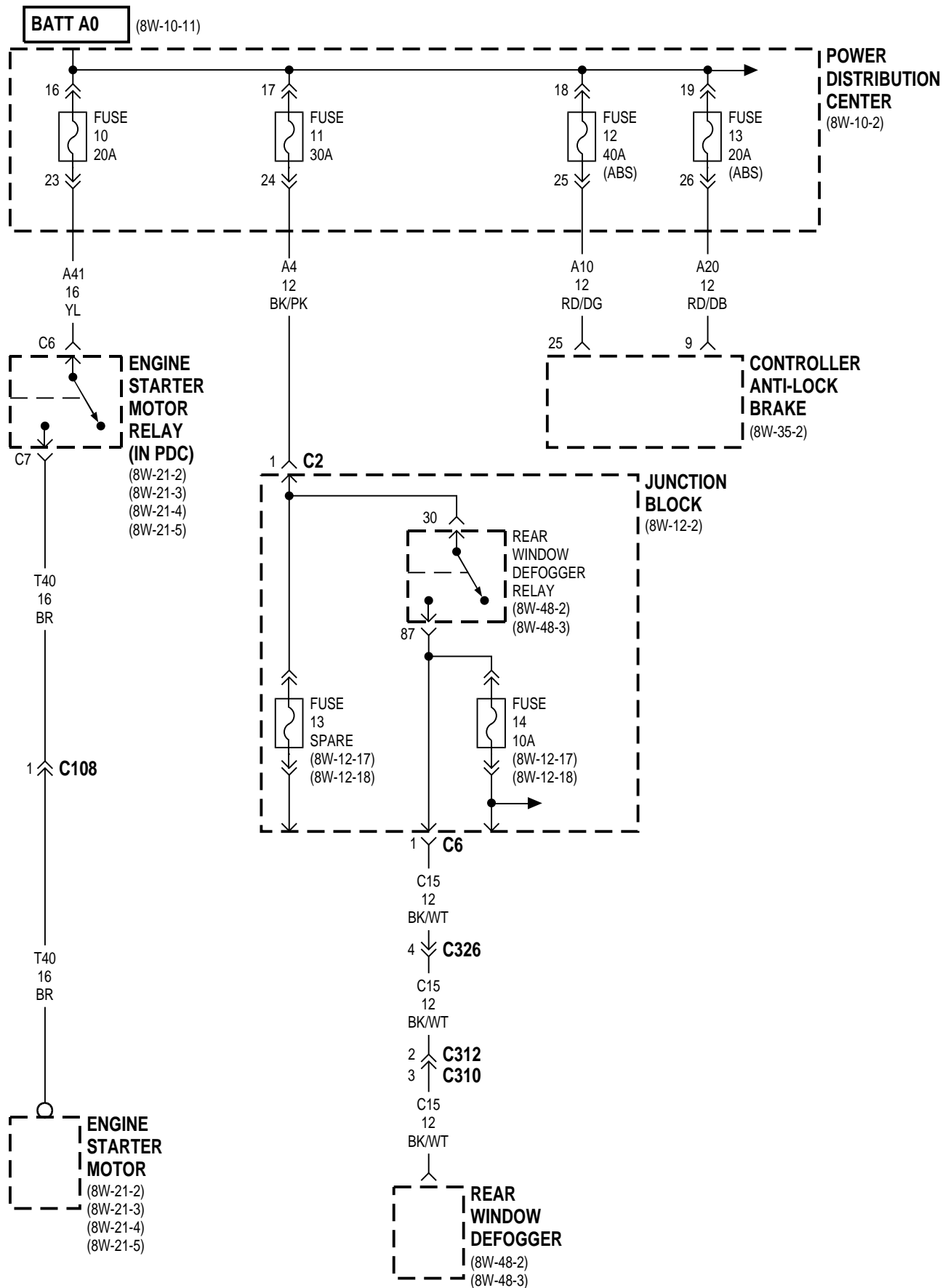


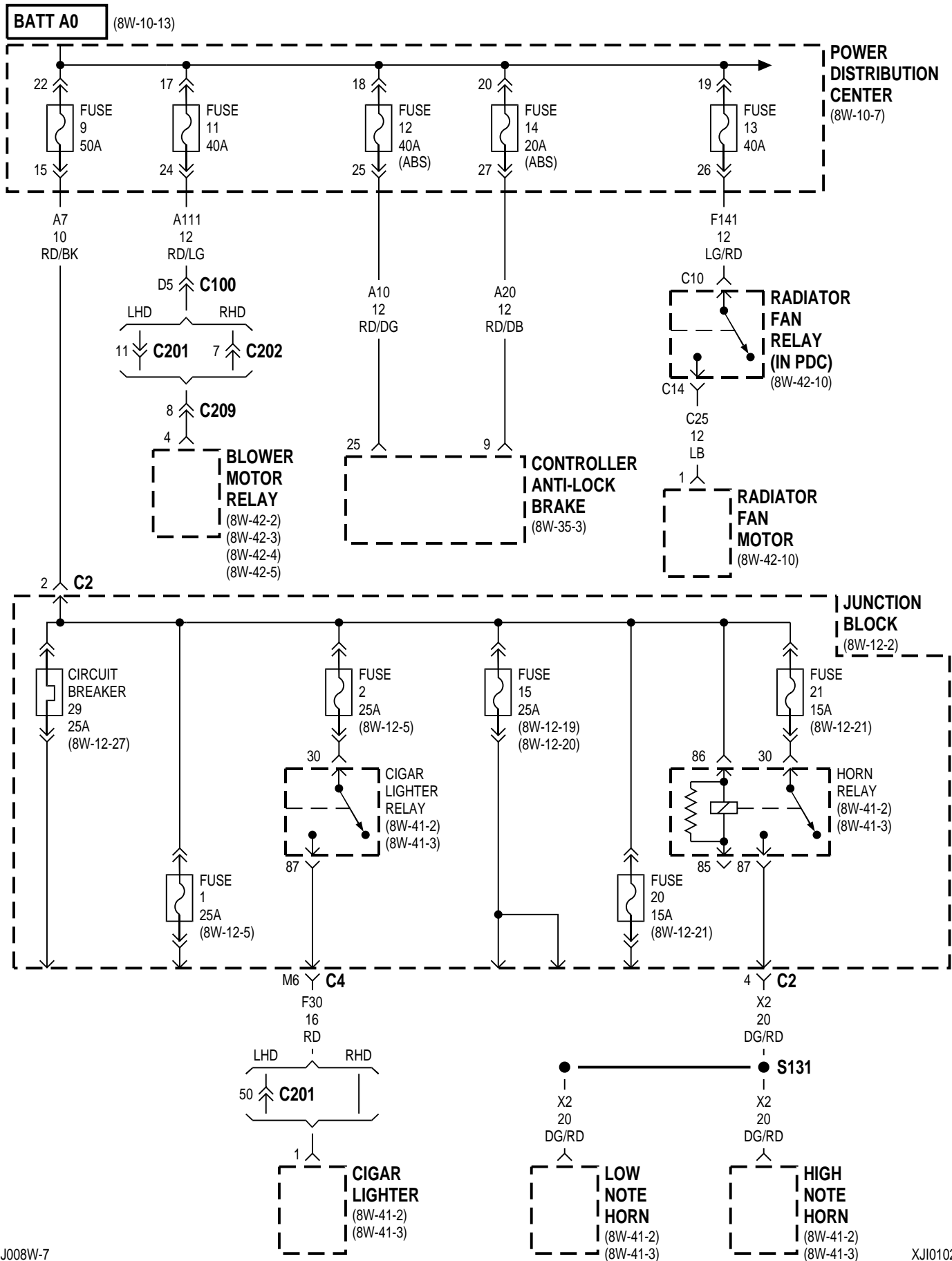


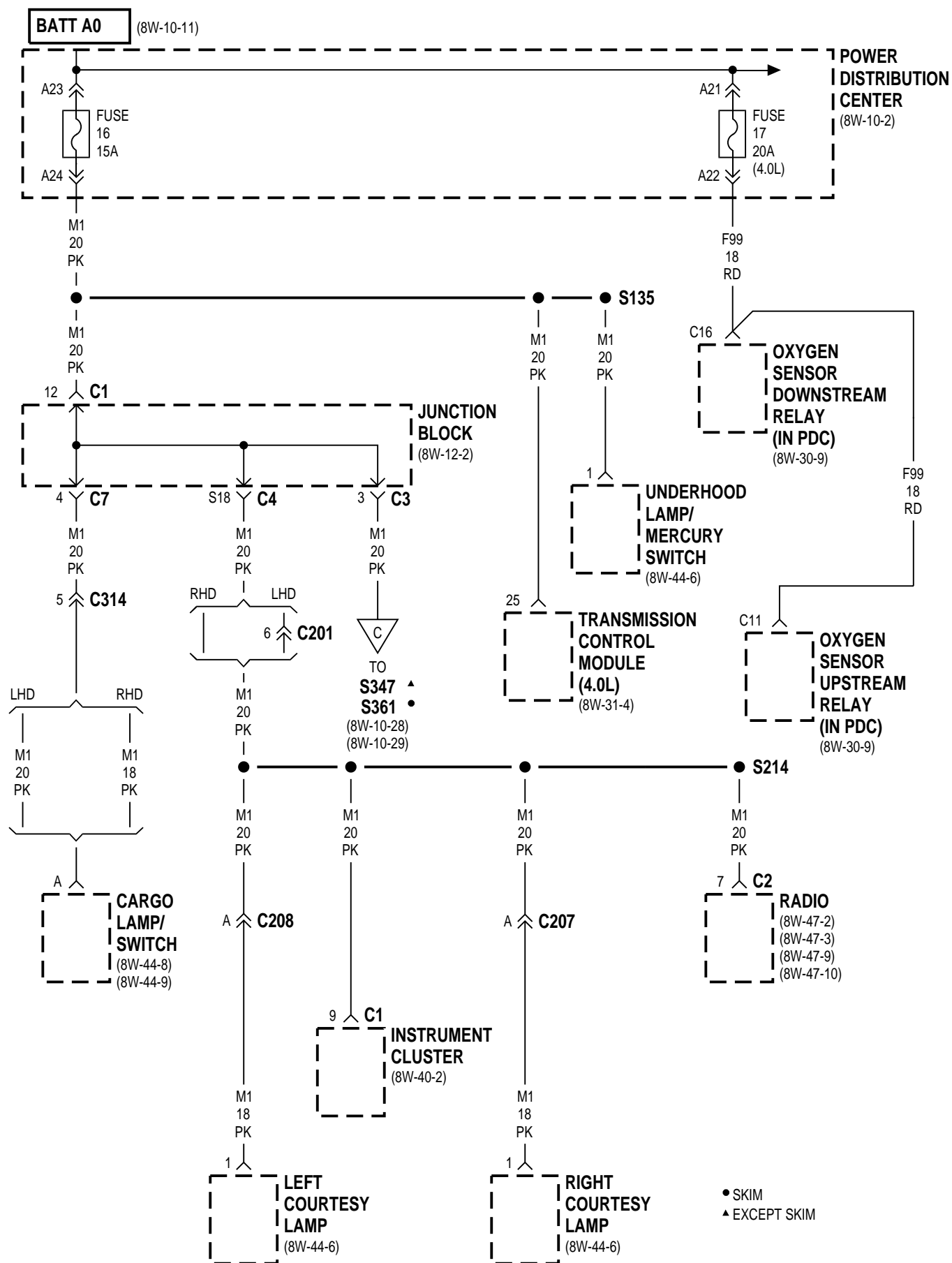


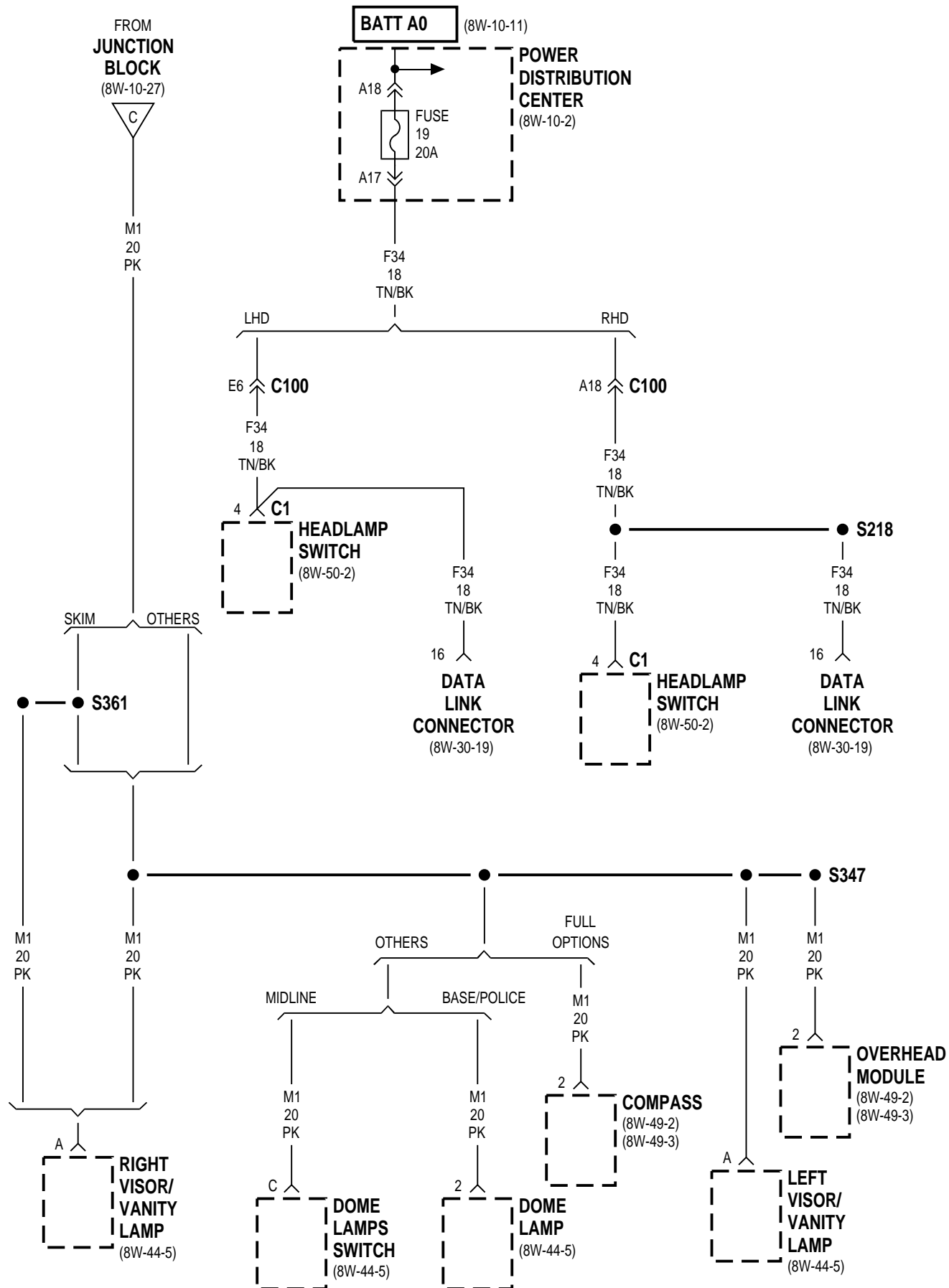






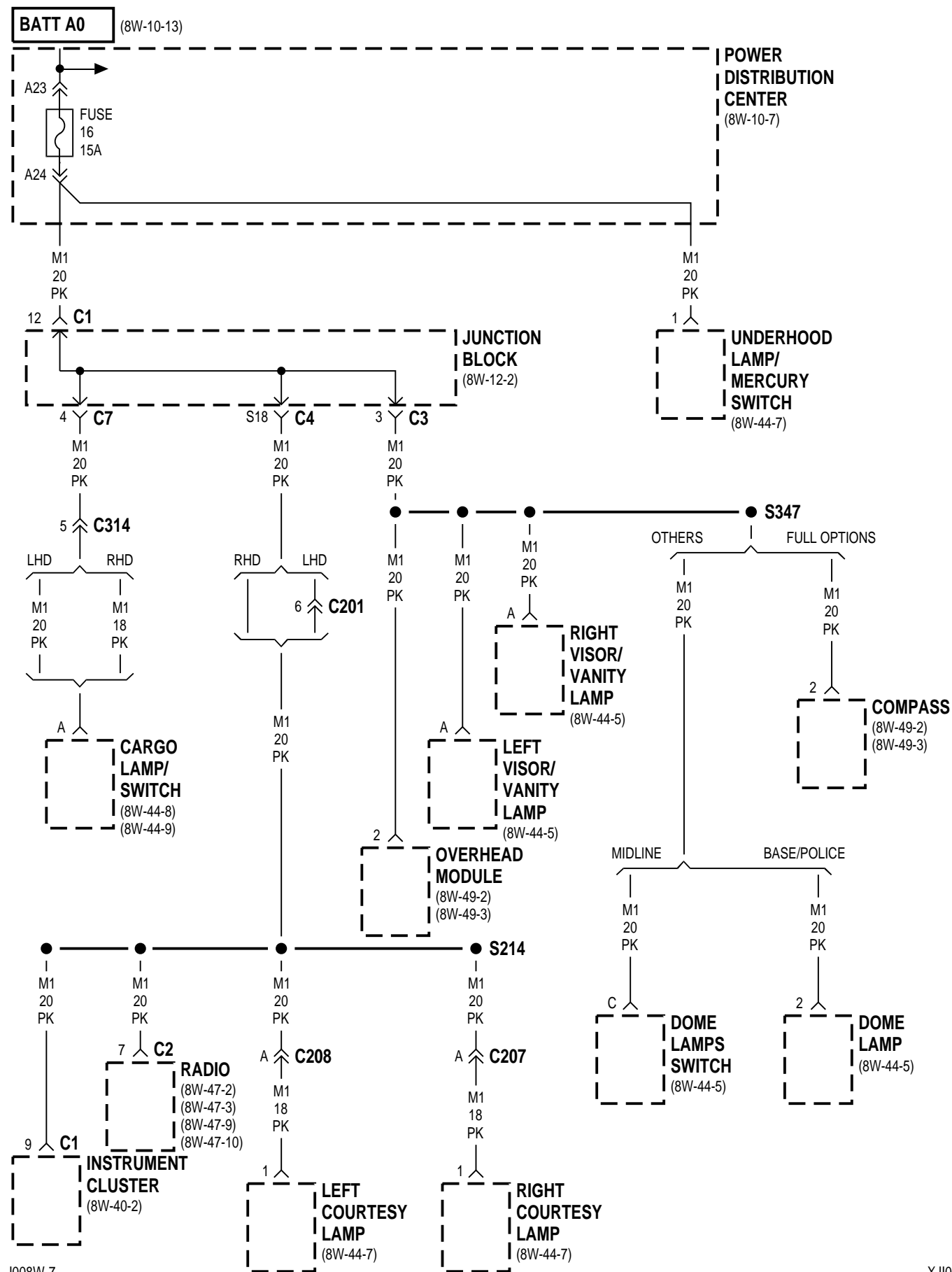


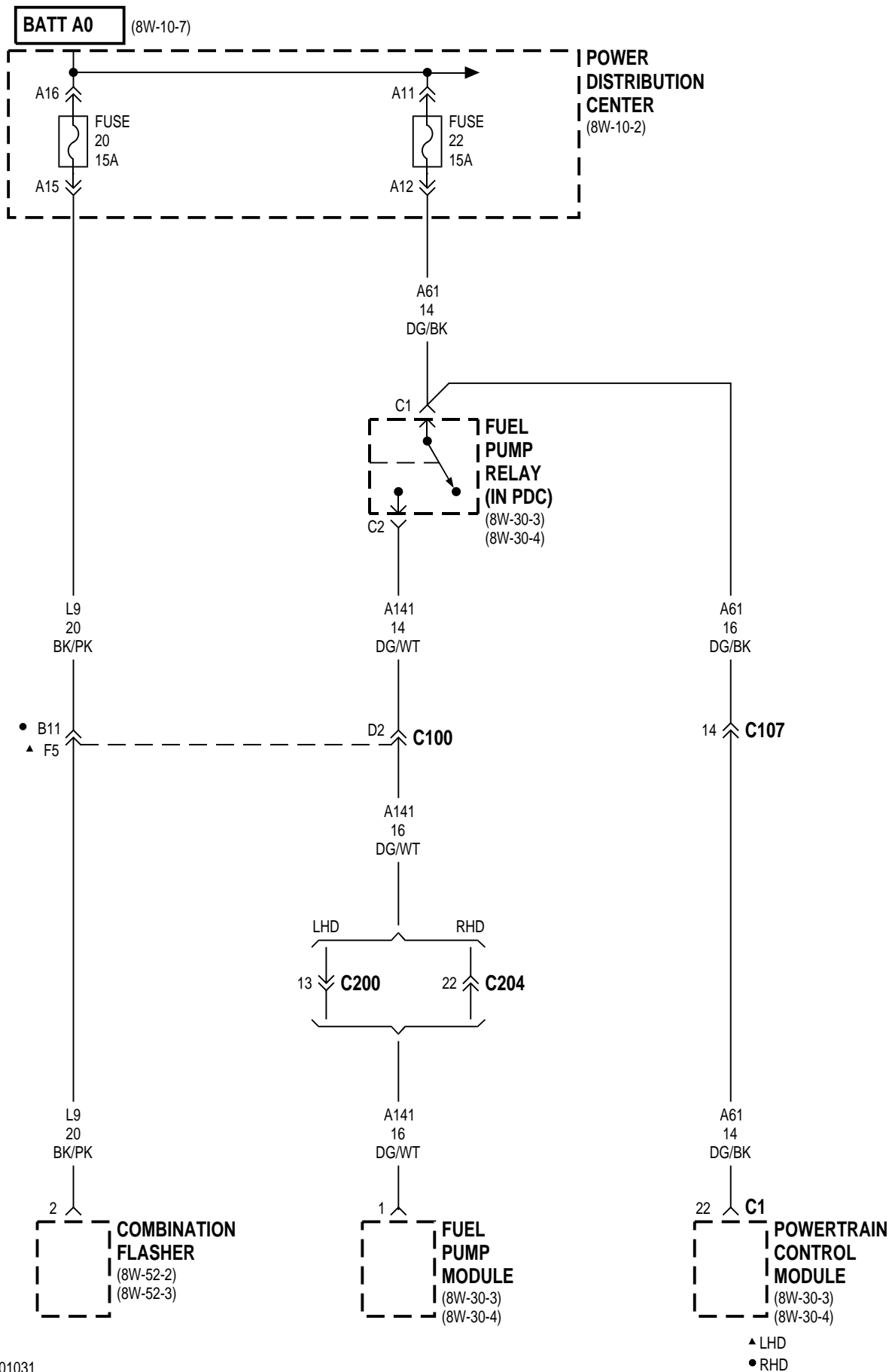


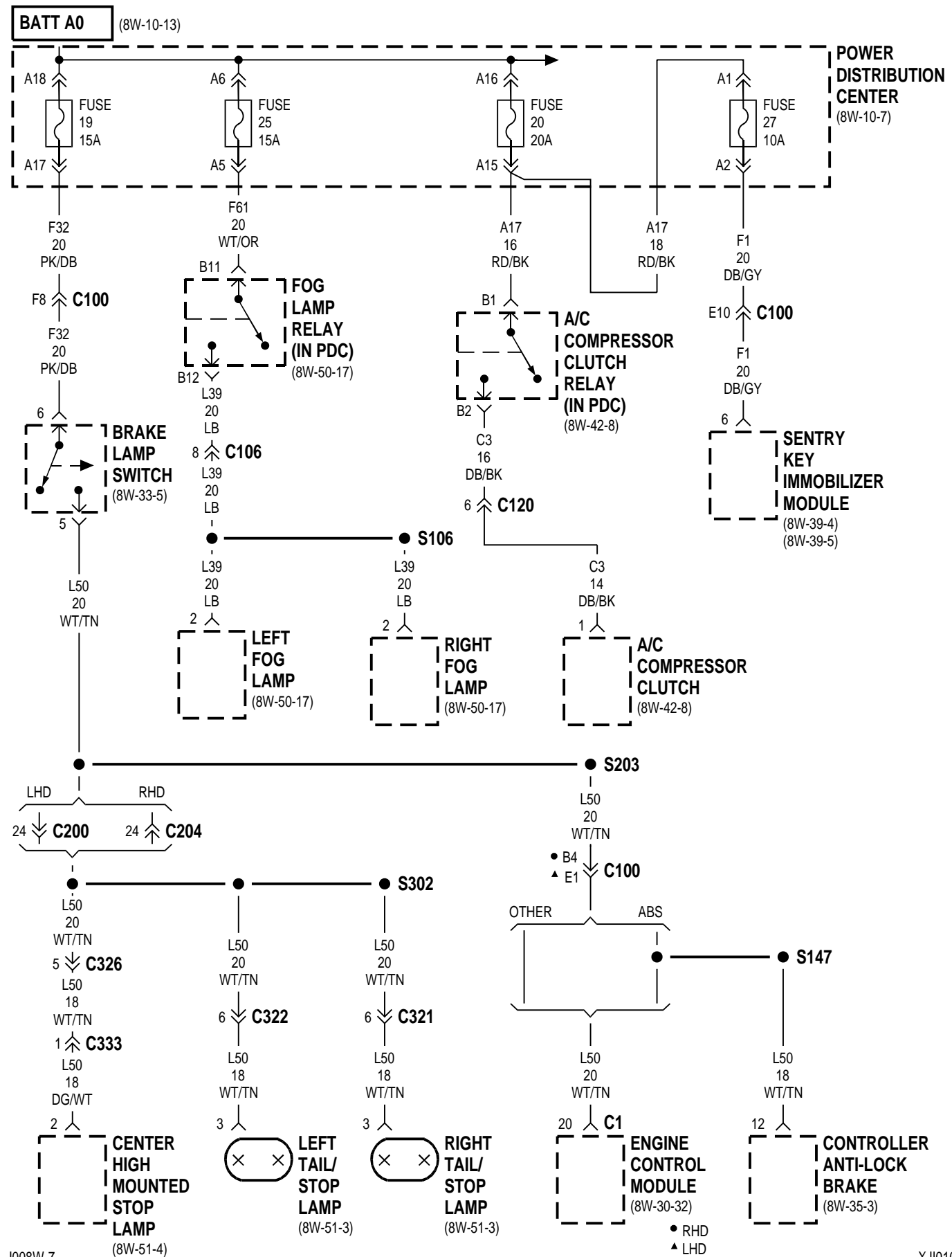


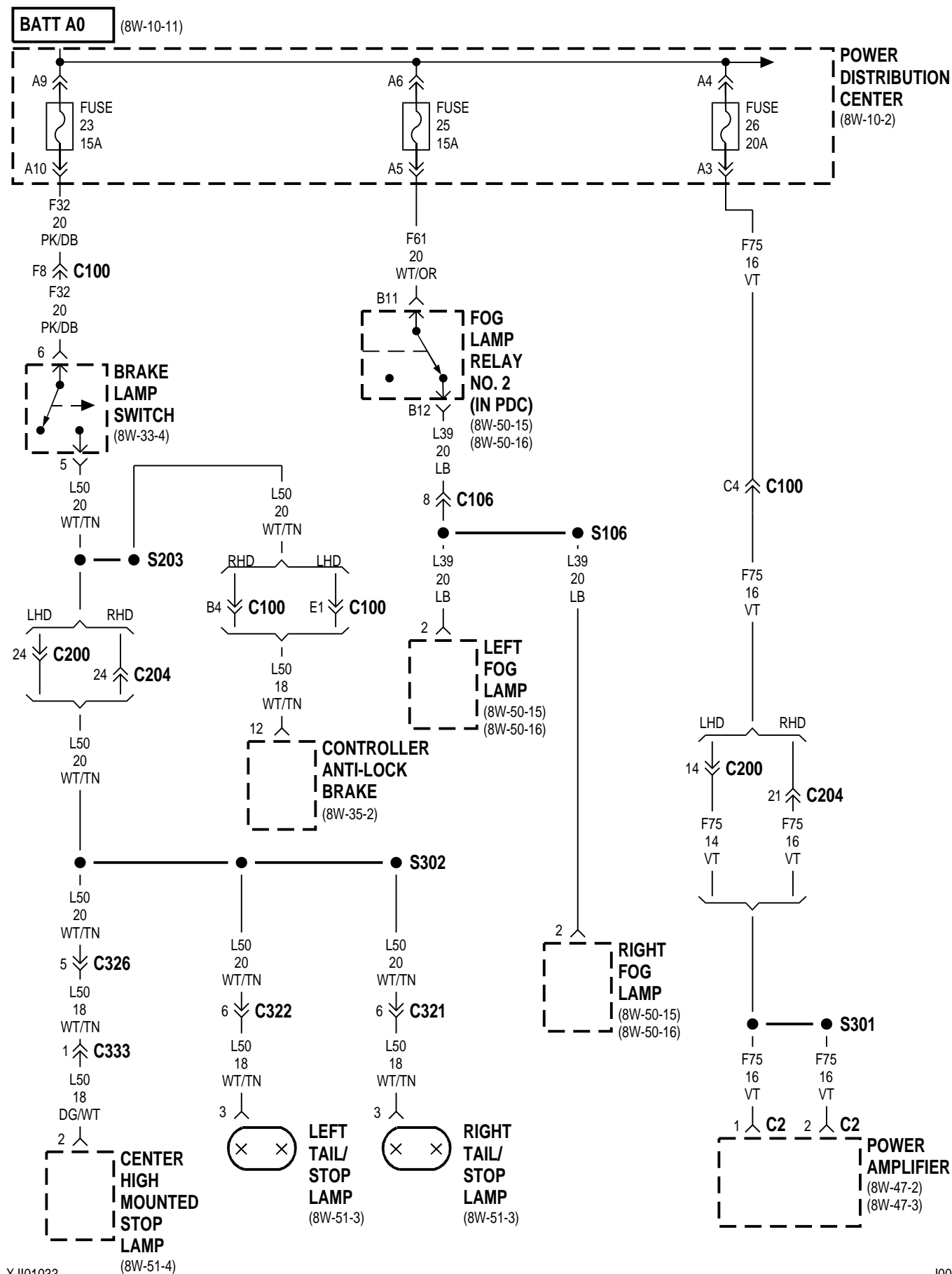


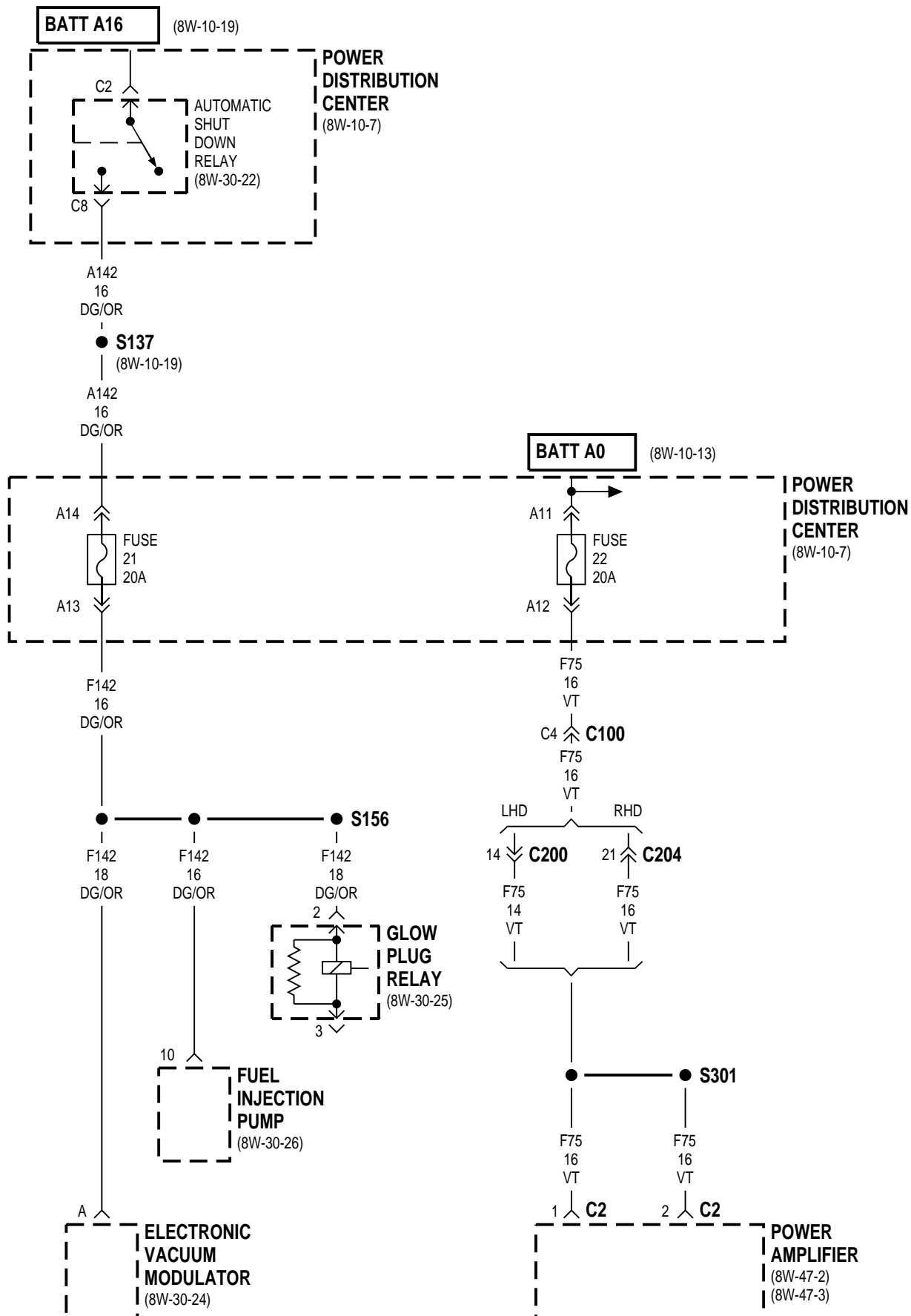


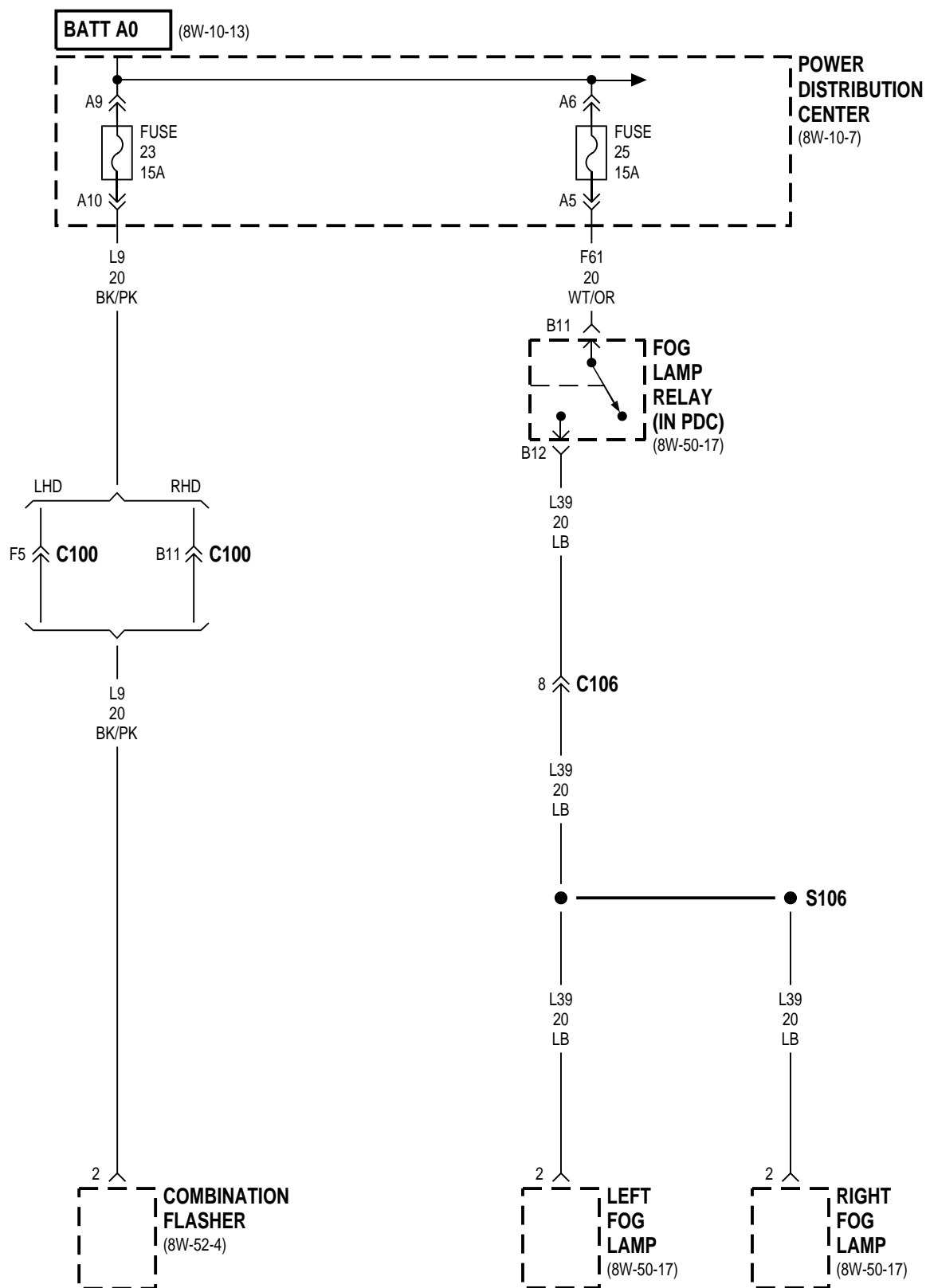










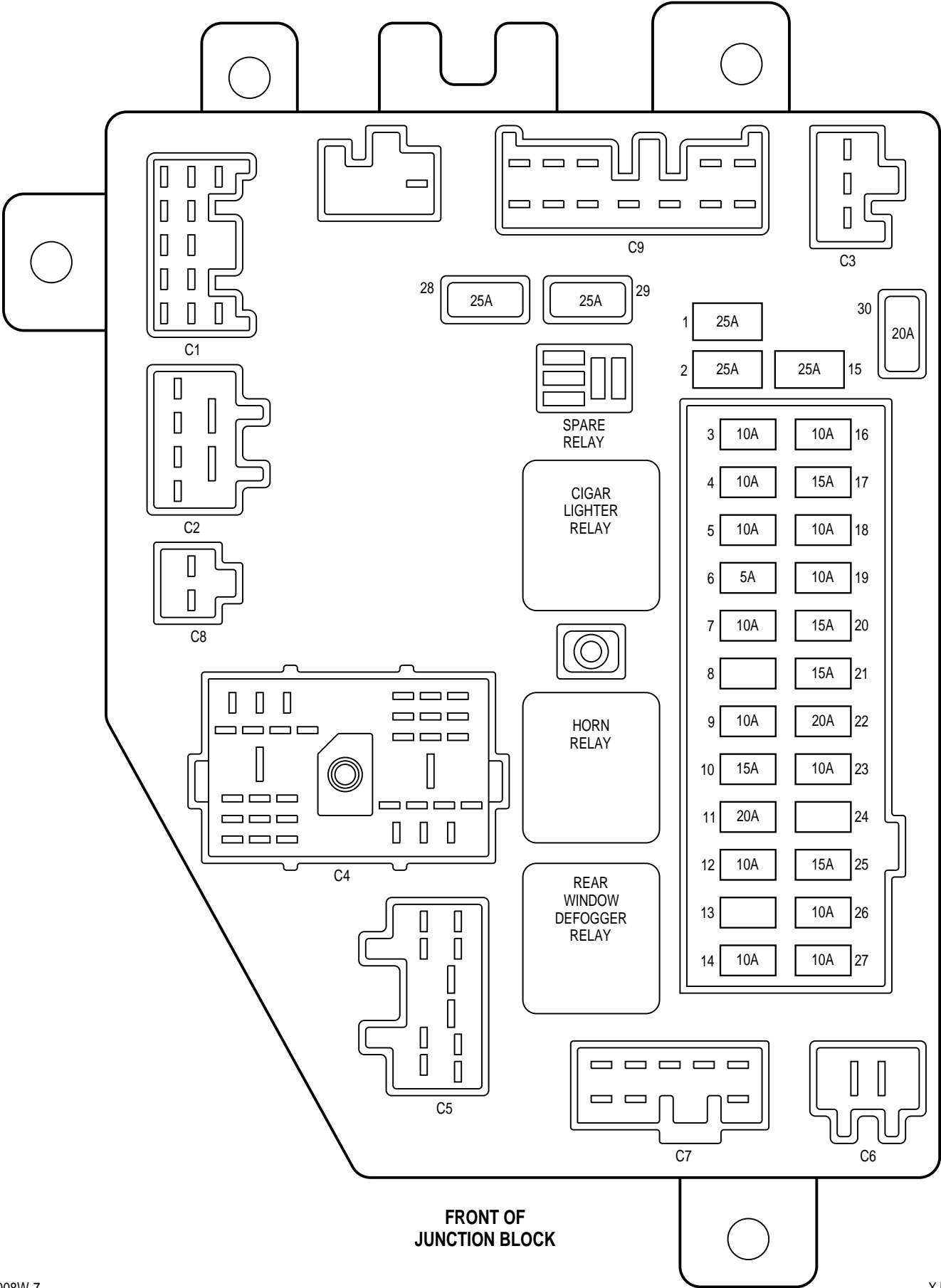






## 8W-12 JUNCTION BLOCK

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Compressor Clutch Relay . . . . .	8W-12-14	High Note Horn . . . . .	8W-12-21
A/C- Heater Control . . . . .	8W-12-8, 9, 22, 23	Horn Relay . . . . .	8W-12-21
Airbag Control Module . . . . .	8W-12-25, 26	Horn Switch . . . . .	8W-12-21
Automatic Shut Down Relay . . . . .	8W-12-15, 16	Instrument Cluster . . . . .	8W-12-8, 9, 13, 17, 18, 28, 29
Back-Up Lamp Switch . . . . .	8W-12-14	Junction Block . . . . .	8W-12-2, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37
Blend Door Actuator . . . . .	8W-12-22, 23	Left City Lamp . . . . .	8W-12-11, 12
Blower Motor Relay . . . . .	8W-12-22, 23	Left Courtesy Lamp . . . . .	8W-12-28, 29, 30
Cargo Lamp/Switch . . . . .	8W-12-28, 29, 30	Left Front Park/Turn Signal Lamp No. 1 . . . . .	8W-12-10
Cigar Lighter . . . . .	8W-12-5	Left Front Park/Turn Signal Lamp No. 2 . . . . .	8W-12-10
Cigar Lighter Relay . . . . .	8W-12-5, 37	Left Headlamp . . . . .	8W-12-6, 7
Circuit Breaker 28 (JB) . . . . .	8W-12-25, 26	Left Headlamp Leveling Motor . . . . .	8W-12-7
Circuit Breaker 29 (JB) . . . . .	8W-12-27	Left Heated Seat Switch . . . . .	8W-12-19, 20
Circuit Breaker 30 (JB) . . . . .	8W-12-27	Left License Lamp . . . . .	8W-12-11
Clockspring . . . . .	8W-12-21	Left Power Seat Switch . . . . .	8W-12-27
Clutch Interlock Switch . . . . .	8W-12-19, 20	Left Rear Door Jamb Switch . . . . .	8W-12-30
Clutch Interlock Switch Jumper . . . . .	8W-12-19, 20	Left Rear Door Lock Motor . . . . .	8W-12-31, 32
Combination Flasher . . . . .	8W-12-17, 18	Left Side Marker Lamp . . . . .	8W-12-10
Compass . . . . .	8W-12-13, 30, 37	Left Tail/Stop Lamp . . . . .	8W-12-10, 11
Controller Anti-Lock Brake . . . . .	8W-12-22, 23	Left Visor/Vanity Lamp . . . . .	8W-12-37
Controller Anti-Lock Brake Relay . . . . .	8W-12-22, 23	License Lamp . . . . .	8W-12-10
Daytime Running Lamp Module . . . . .	8W-12-7, 14	Liftgate Lock Motor . . . . .	8W-12-31, 32
Diode Module . . . . .	8W-12-11, 12	Low Note Horn . . . . .	8W-12-21
Dome Lamp . . . . .	8W-12-30	Message Center . . . . .	8W-12-13
Dome Lamps Switch . . . . .	8W-12-30, 37	Overhead Module . . . . .	8W-12-21, 30, 37
Driver Door Jamb Switch . . . . .	8W-12-30	Oxygen Sensor Downstream Relay . . . . .	8W-12-14
Driver Door Lock Motor . . . . .	8W-12-31, 32	Oxygen Sensor Upstream Relay . . . . .	8W-12-14
Driver Power Lock/Window Switch . . . . .	8W-12-19, 20, 25, 26, 34, 36	Passenger Door Jamb Switch . . . . .	8W-12-30
Driver Power Mirror . . . . .	8W-12-17, 18, 33, 34, 35, 36, 37	Passenger Door Lock Motor . . . . .	8W-12-31, 32
Duty Cycle Evap/Purge Solenoid . . . . .	8W-12-14	Passenger Power Lock/Window Switch . . . . .	8W-12-19, 20, 25, 26, 31, 32, 37
Engine Control Module . . . . .	8W-12-15	Passenger Power Mirror . . . . .	8W-12-17, 18, 33, 34, 35, 36, 37
Engine Starter Motor Relay . . . . .	8W-12-19, 20	Power Distribution Center . . . . .	8W-12-28, 29
Extended Idle Switch . . . . .	8W-12-8, 22	Power Mirror Switch . . . . .	8W-12-19, 20, 33, 35, 37
Fog Lamp Relay . . . . .	8W-12-12	Power Outlet . . . . .	8W-12-5
Fog Lamp Relay No. 1 . . . . .	8W-12-6, 10, 11	Powertrain Control Module . . . . .	8W-12-15, 16
Fog Lamp Relay No. 2 . . . . .	8W-12-10, 11	PRNDL Illumination . . . . .	8W-12-8, 9
Front Fog Lamp Switch . . . . .	8W-12-8, 9, 10, 11, 12	Radiator Fan Relay . . . . .	8W-12-14
Front Wiper Motor . . . . .	8W-12-27	Radio . . . . .	8W-12-8, 9, 10, 11, 19, 20, 28, 29
Fuel Heater Relay . . . . .	8W-12-15	Rear Fog Lamp Relay . . . . .	8W-12-19, 20
Fuel Pump Relay . . . . .	8W-12-15, 16	Rear Fog Lamp Switch . . . . .	8W-12-8, 9
Fuse 1 (JB) . . . . .	8W-12-5	Rear Window Defogger . . . . .	8W-12-17, 18
Fuse 2 (JB) . . . . .	8W-12-5	Rear Window Defogger Relay . . . . .	8W-12-17, 18
Fuse 3 (JB) . . . . .	8W-12-6	Rear Window Defogger Switch . . . . .	8W-12-8, 9, 17, 18
Fuse 4 (JB) . . . . .	8W-12-7	Rear Wiper Motor . . . . .	8W-12-22, 23
Fuse 5 (JB) . . . . .	8W-12-7	Rear Wiper/Washer Switch . . . . .	8W-12-8, 9, 22, 23
Fuse 6 (JB) . . . . .	8W-12-8	Right City Lamp . . . . .	8W-12-24
Fuse 6 (JB) . . . . .	8W-12-9	Right Courtesy Lamp . . . . .	8W-12-28, 29, 30
Fuse 7 (JB) . . . . .	8W-12-10, 11, 12	Right Front Park/Turn Signal Lamp No. 1 . . . . .	8W-12-24
Fuse 8 (JB) . . . . .	8W-12-13	Right Front Park/Turn Signal Lamp No. 2 . . . . .	8W-12-24
Fuse 9 (JB) . . . . .	8W-12-13	Right Headlamp . . . . .	8W-12-6, 7
Fuse 10 (JB) . . . . .	8W-12-14	Right Headlamp Leveling Motor . . . . .	8W-12-7
Fuse 11 (JB) . . . . .	8W-12-15, 16	Right Heated Seat Switch . . . . .	8W-12-19, 20
Fuse 12 (JB) . . . . .	8W-12-17, 18	Right License Lamp . . . . .	8W-12-11
Fuse 13 (JB) . . . . .	8W-12-17, 18	Right Power Seat Switch . . . . .	8W-12-27
Fuse 14 (JB) . . . . .	8W-12-17, 18	Right Rear Door Jamb Switch . . . . .	8W-12-30
Fuse 15 (JB) . . . . .	8W-12-19, 20	Right Rear Door Lock Motor . . . . .	8W-12-31, 32
Fuse 16 (JB) . . . . .	8W-12-6, 28, 29	Right Side Marker Lamp . . . . .	8W-12-24
Fuse 17 (JB) . . . . .	8W-12-19, 20	Right Tail/Stop Lamp . . . . .	8W-12-24
Fuse 18 (JB) . . . . .	8W-12-19, 20	Right Visor/Vanity Lamp . . . . .	8W-12-37
Fuse 19 (JB) . . . . .	8W-12-19, 20	Sentry Key Immobilizer Module . . . . .	8W-12-13
Fuse 20 (JB) . . . . .	8W-12-21	Shift Lock Solenoid . . . . .	8W-12-22, 23
Fuse 21 (JB) . . . . .	8W-12-21	Trailer Tow Connector . . . . .	8W-12-10, 11, 21
Fuse 22 (JB) . . . . .	8W-12-22, 23	Trailer Tow Left Turn Relay . . . . .	8W-12-21
Fuse 23 (JB) . . . . .	8W-12-24	Trailer Tow Right Turn Relay . . . . .	8W-12-21
Fuse 24 (JB) . . . . .	8W-12-22, 23	Transfer Case Switch Illumination . . . . .	8W-12-8, 9
Fuse 25 (JB) . . . . .	8W-12-22, 23	Transmission Control Module . . . . .	8W-12-16, 28
Fuse 26 (JB) . . . . .	8W-12-25, 26	Transmission Range Sensor . . . . .	8W-12-14
Fuse 27 (JB) . . . . .	8W-12-25, 26	Underhood Lamp/Mercury Switch . . . . .	8W-12-28, 29
G107 . . . . .	8W-12-35, 37	Wipe/Wash Switch . . . . .	8W-12-27
Headlamp Beam Select Switch . . . . .	8W-12-6, 7		
Headlamp Delay Module . . . . .	8W-12-13		
Headlamp Leveling Switch . . . . .	8W-12-7		
Headlamp Switch . . . . .	8W-12-8, 9, 10, 11, 24, 30		
Heated Seat Relay . . . . .	8W-12-27		
Heater Control . . . . .	8W-12-8, 9		



**FUSES**

<b>FUSE NO.</b>	<b>AMPS</b>	<b>FUSED CIRCUIT</b>	<b>FEED CIRCUIT</b>
1	25A	F38 16RD/LB	A7 10RD/BK
2	25A	INTERNAL	A7 10RD/BK
3	10A	L33 20RD	L3 16RD/OR
4	10A	L43 20VT	L4 16VT/WT
5	10A	L44 20VT/RD	L4 16VT/WT
6	5A	E2 20OR	E1 20TN
7	10A	INTERNAL	L7 18BK/YL
8	-	-	A21 12DB
9	10A	F87 20WT/BK	A21 12DB
10	15A	F20 18WT	A21 12DB
11	20A	F12 18DB/WT	A21 12DB
12	10A	INTERNAL	A22 12BK/OR
13	-	-	A4 12BK/PK
14	10A	INTERNAL	INTERNAL
15	25A	F35 16RD	A7 10RD/BK
16	10A	L34 20RD/OR	L3 16RD/OR
17	15A	X12 16RD/WT	A31 12BK/WT
18	10A	F83 18YL/DG	A31 12BK/WT
19	10A	F45 20YL/RD	A41 14YL
20	15A	A6 20RD/OR	A7 10RD/BK
21	15A	INTERNAL	A7 10RD/BK
22	20A	V23 18BR/PK	A22 12BK/OR
23	10A	INTERNAL	L7 18BK/YL
24	-	-	A22 12BK/OR
25	15A	F15 20DB/WT	A22 12BK/OR
26	10A	F14 18LG/YL	A22 12BK/OR
27	10A	F23 18DB/YL	A21 12DB

## CIRCUIT BREAKERS

CB NO.	AMPS	FUSED CIRCUIT	FEED CIRCUIT
28	25A	INTERNAL	A31 12BK/WT
29	25A	F37 14RD/LB	A7 10RD/BK
30	20A	V6 16DB	A31 12BK/WT

CIGAR  
LIGHTER  
RELAY

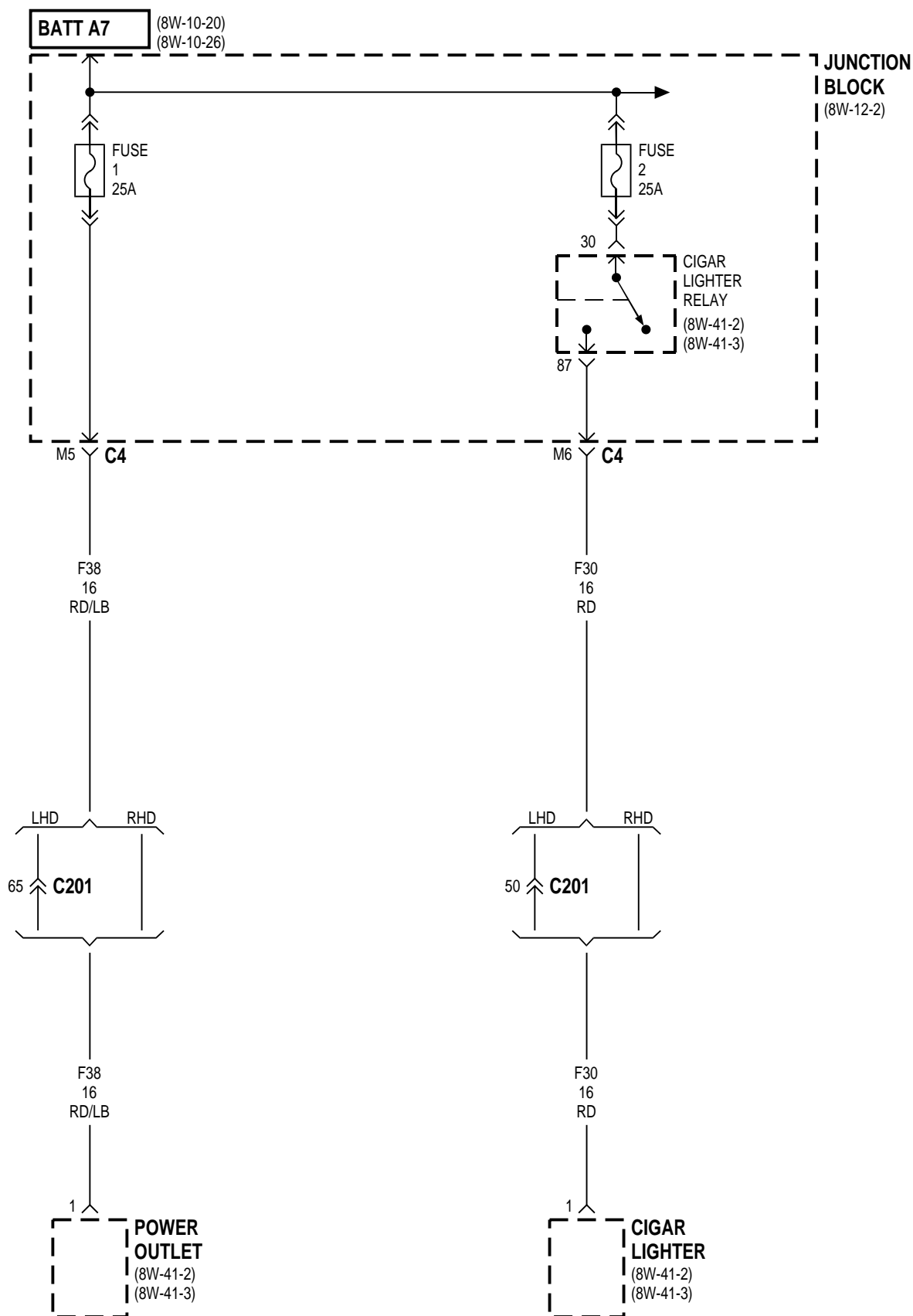
CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	GROUND
86	A31 12BK/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87	F30 16RD	CIGAR LIGHTER RELAY OUTPUT
87A	-	-

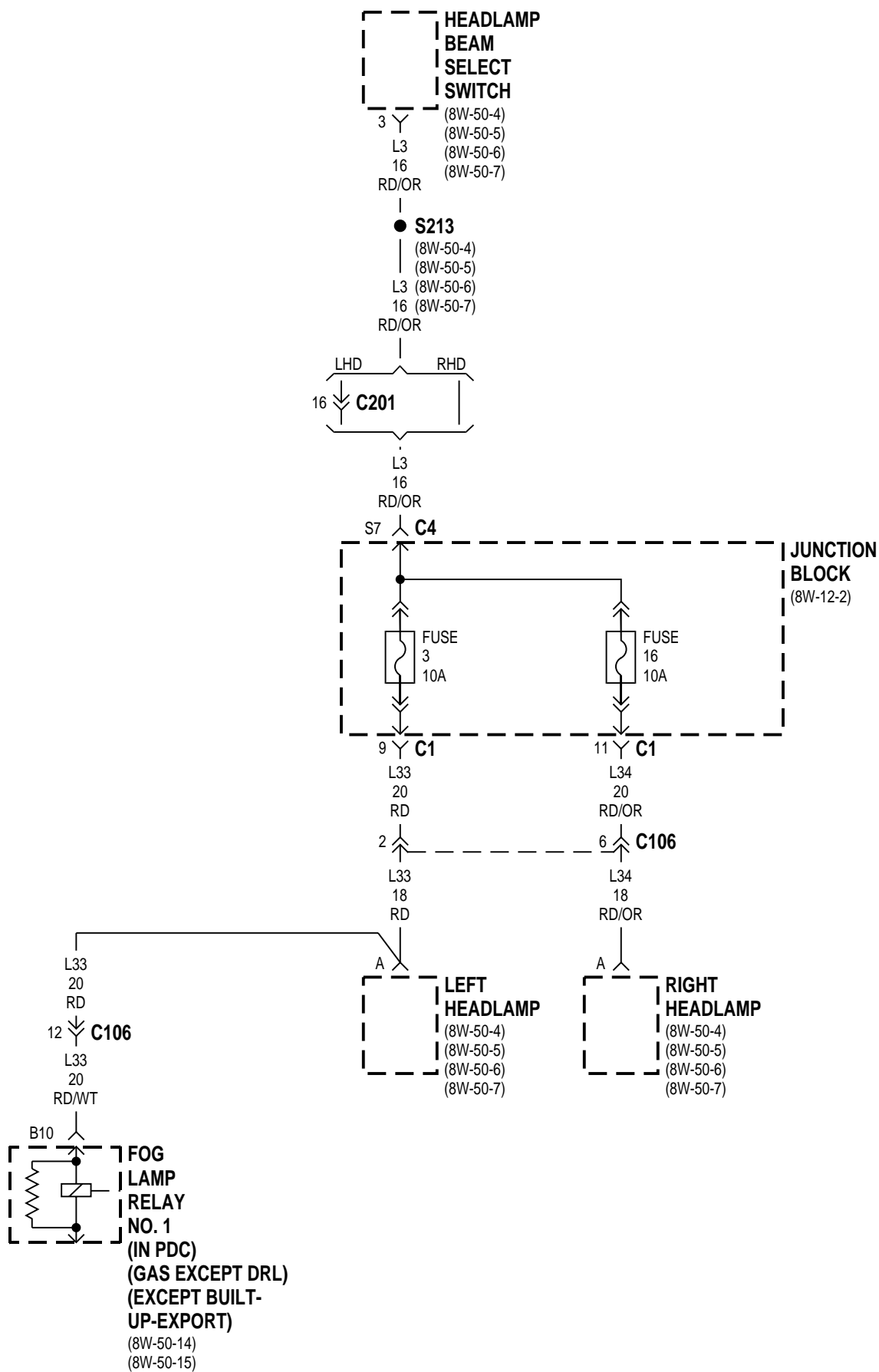
HORN  
RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	X3 20BK/RD	HORN RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	X2 20DG/RD	HORN RELAY OUTPUT
87A	-	-

REAR  
WINDOW  
DEFOGGER  
RELAY

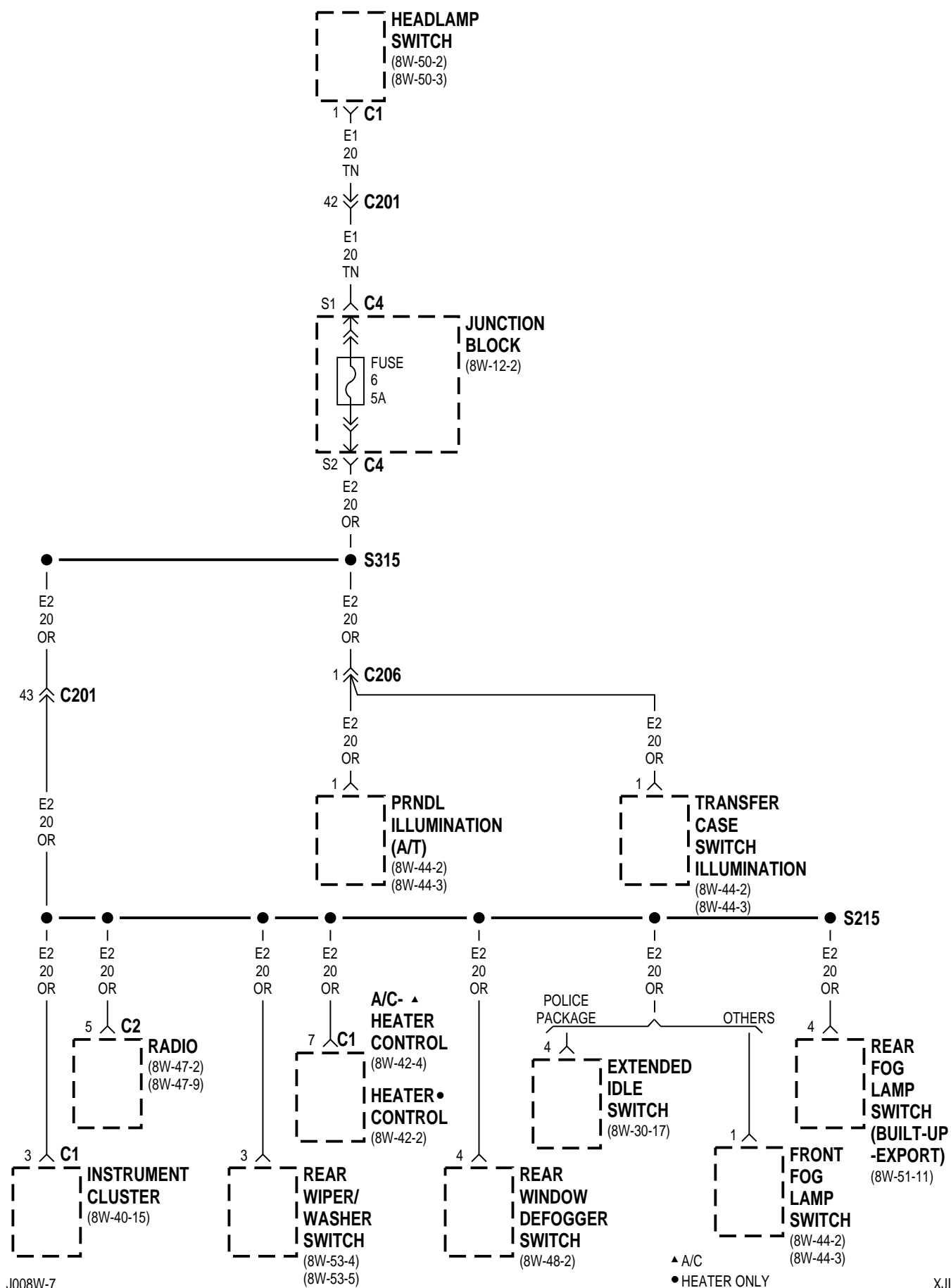
CAVITY	CIRCUIT	FUNCTION
30	A4 12BK/PK	FUSED B(+)
85	C81 20LB/WT	REAR WINDOW DEFOGGER RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
87	INTERNAL	REAR WINDOW DEFOGGER RELAY OUTPUT
87A	-	-



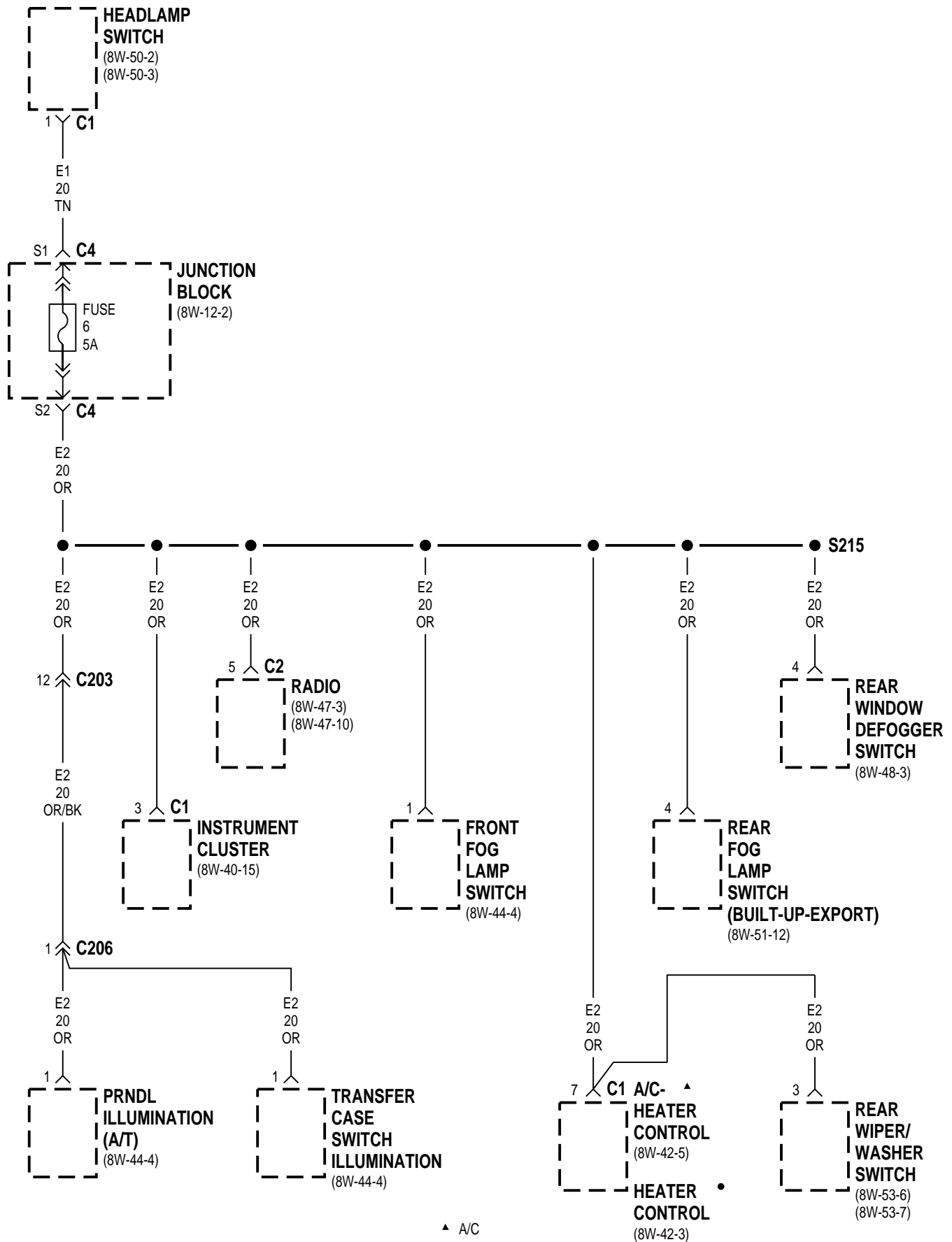


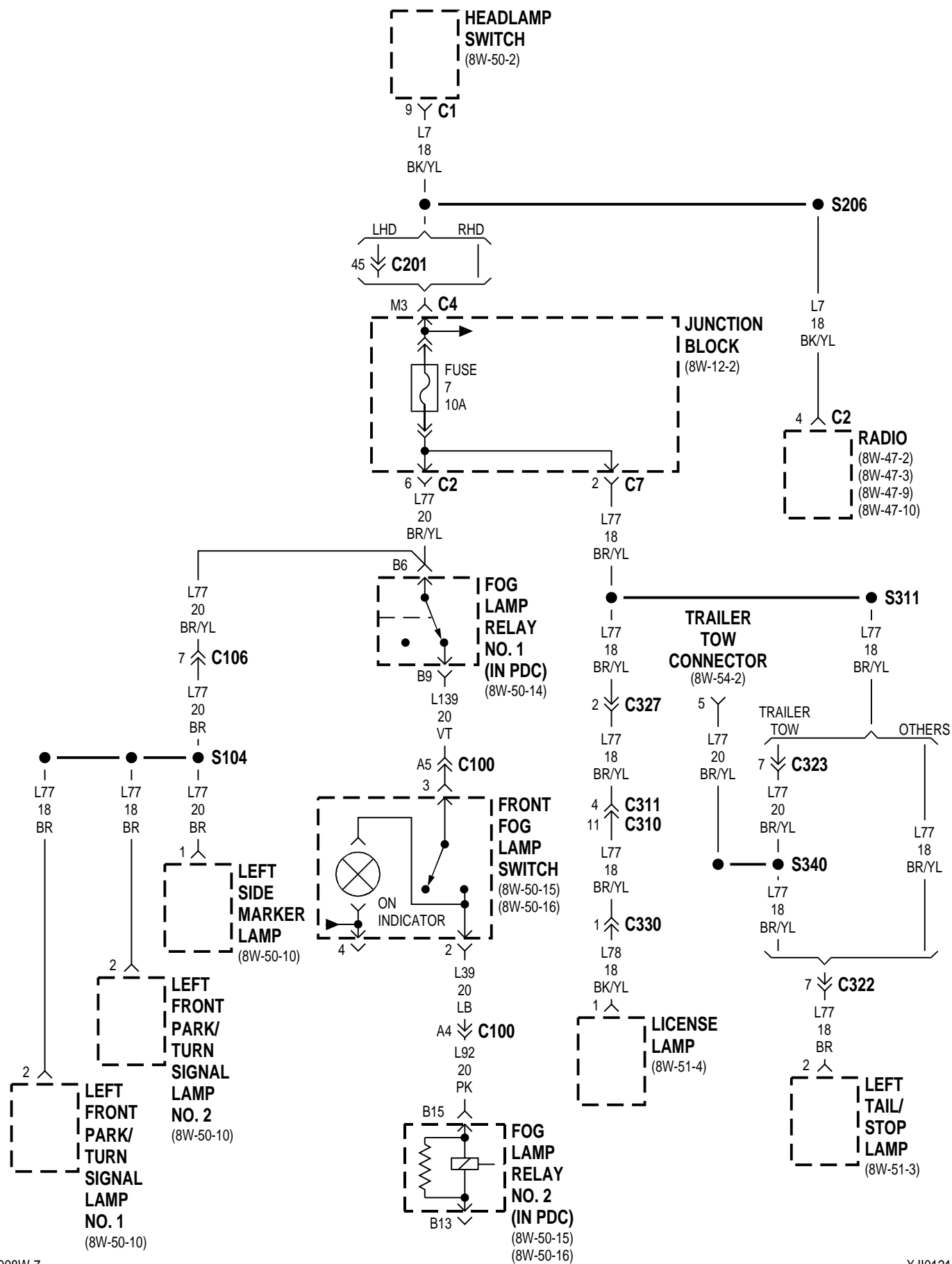


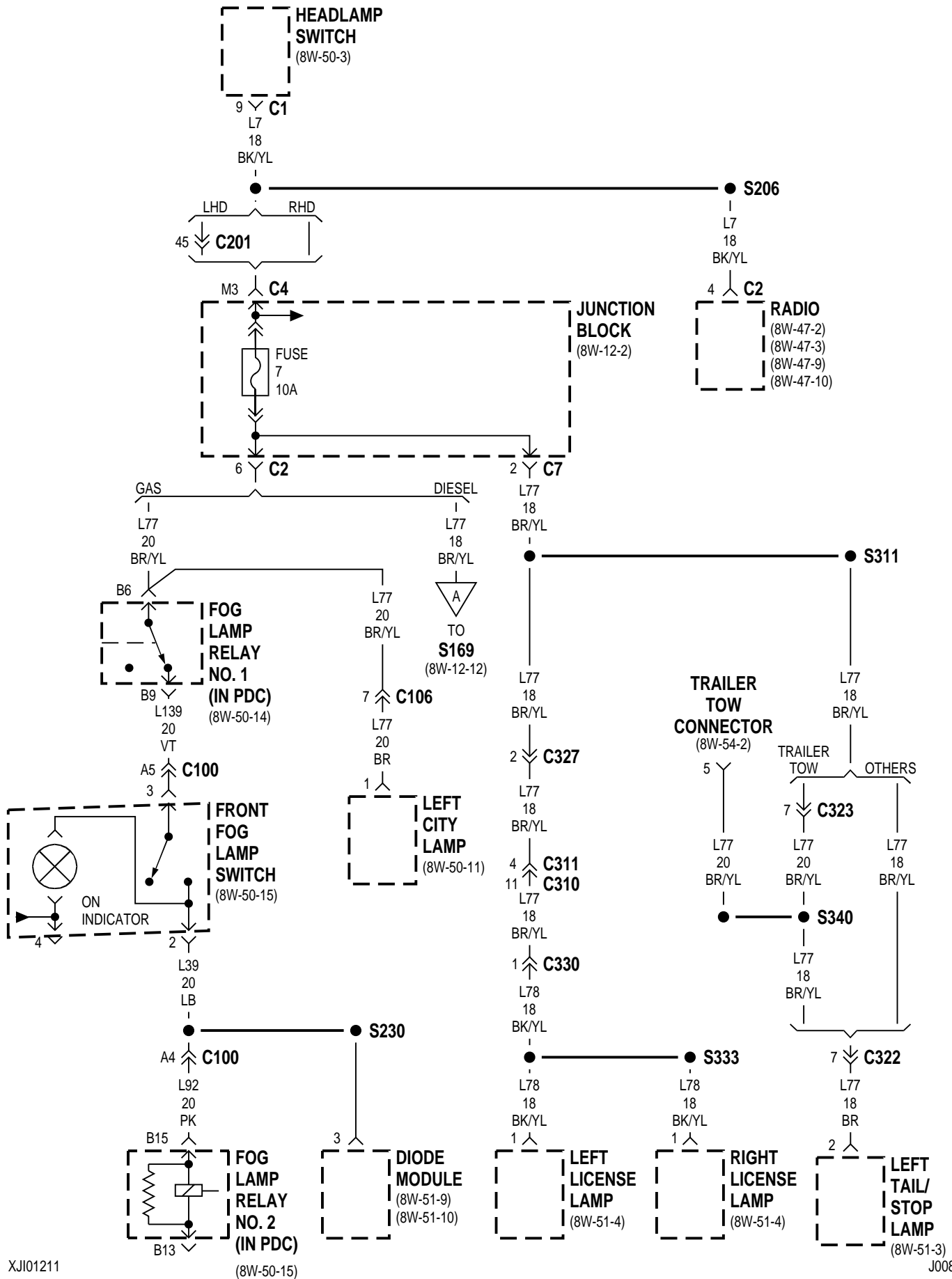
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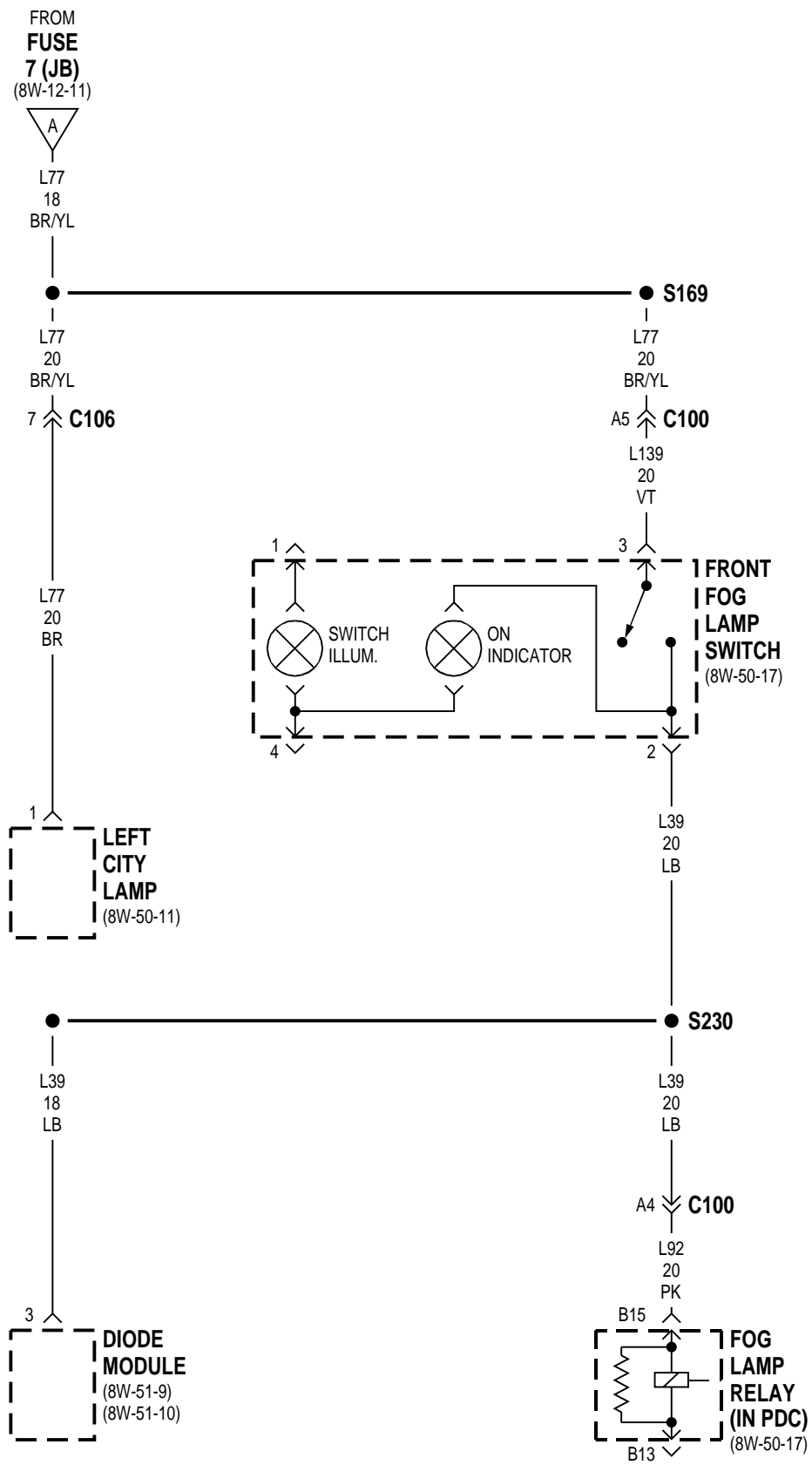


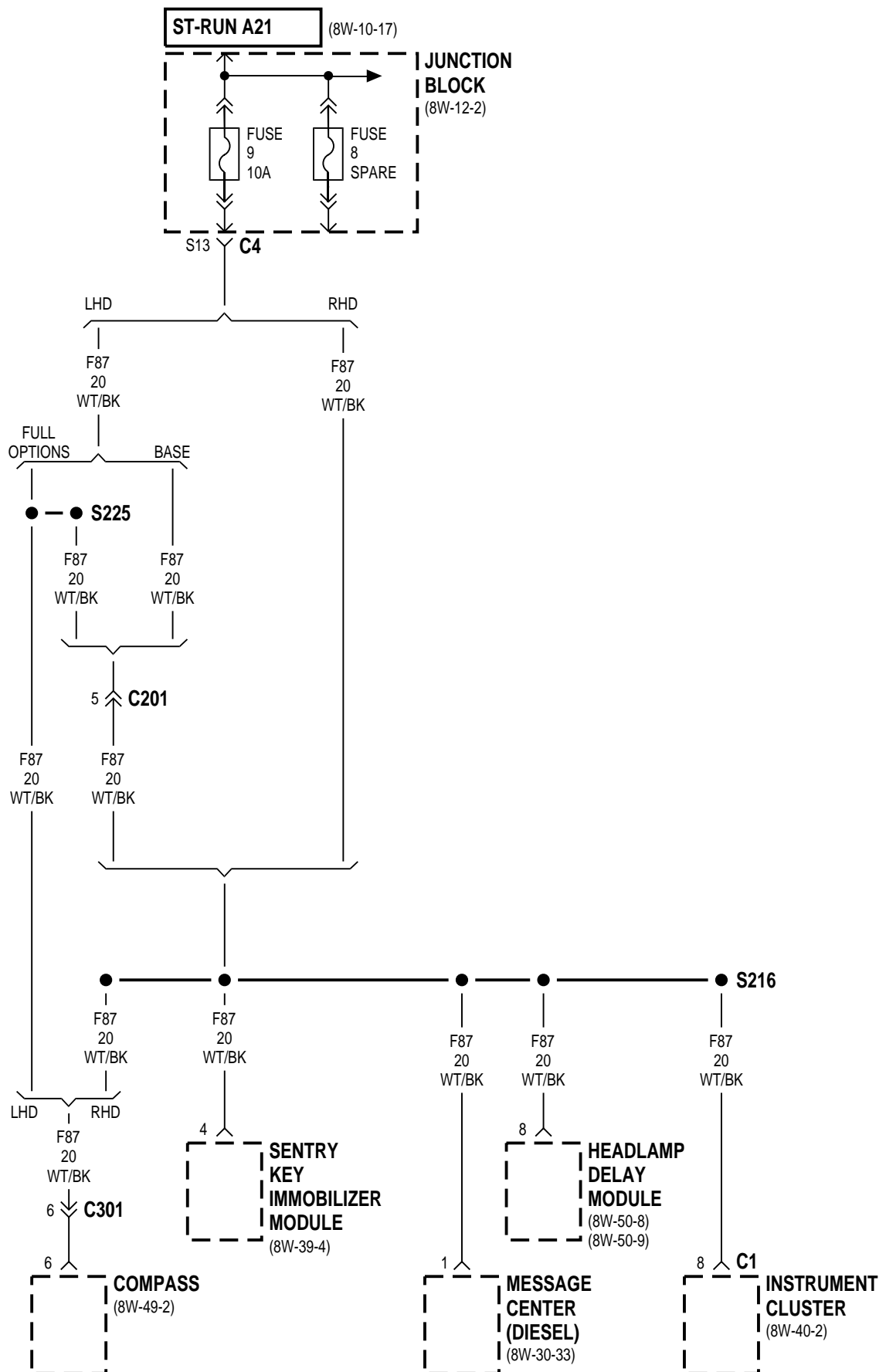


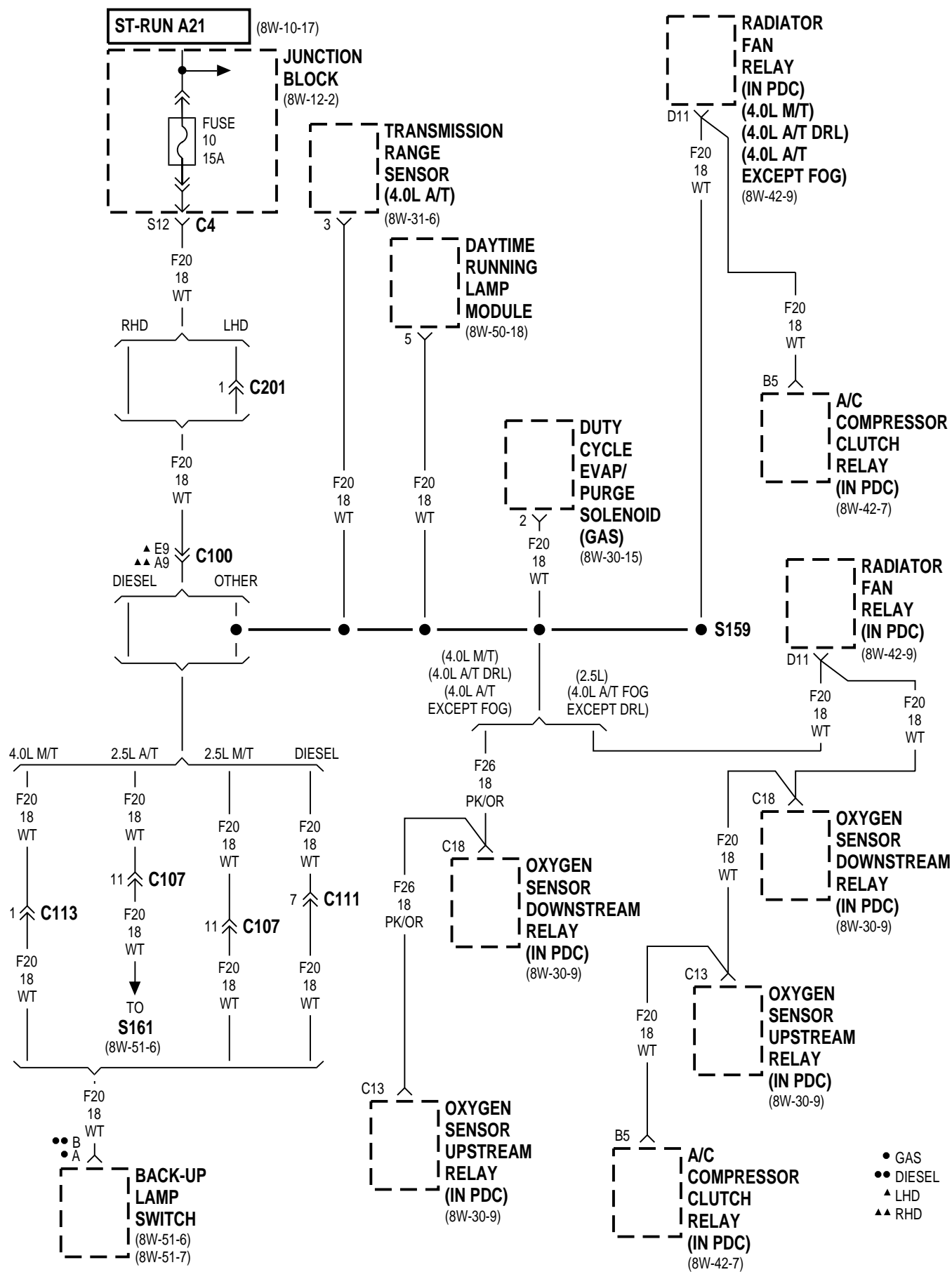


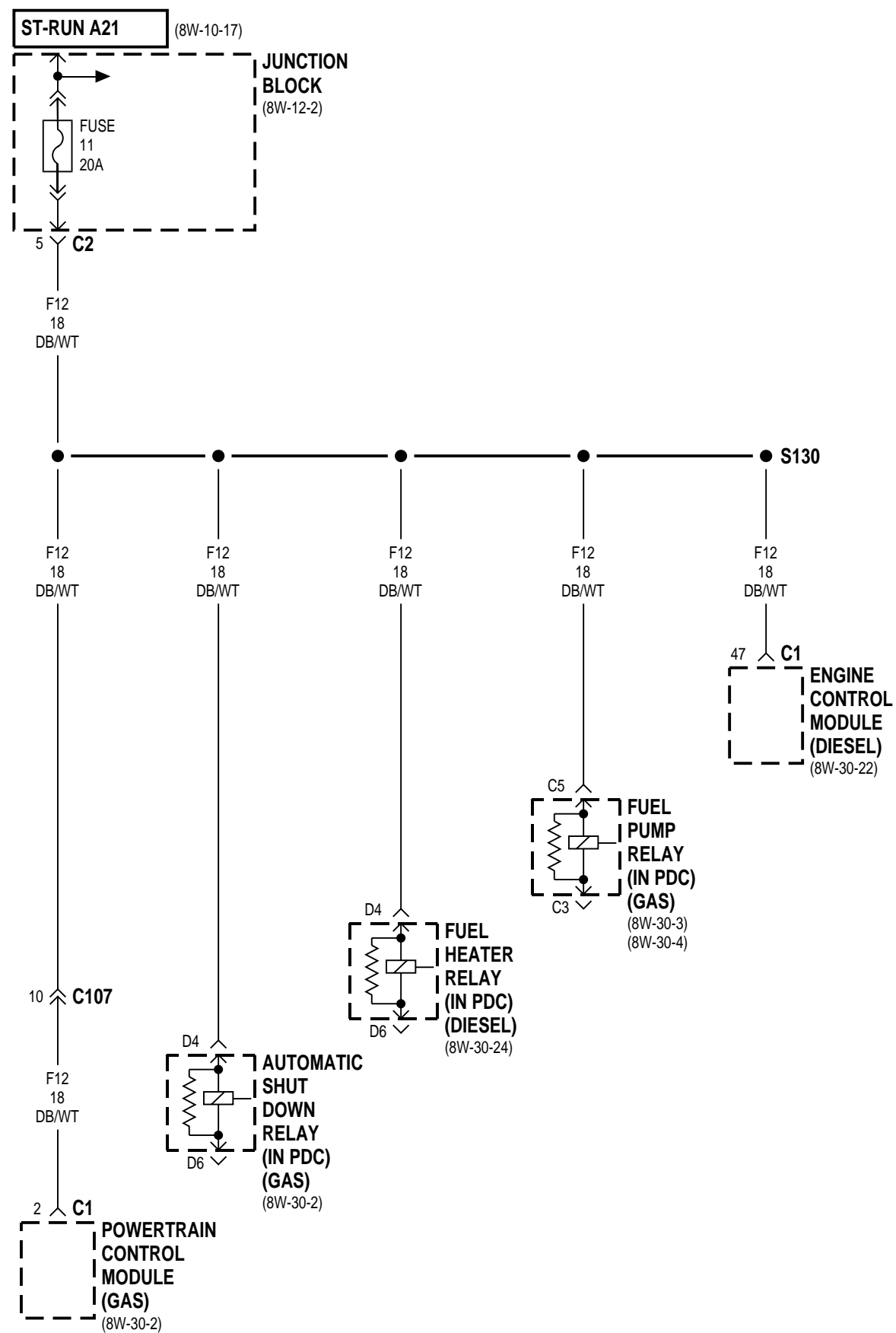




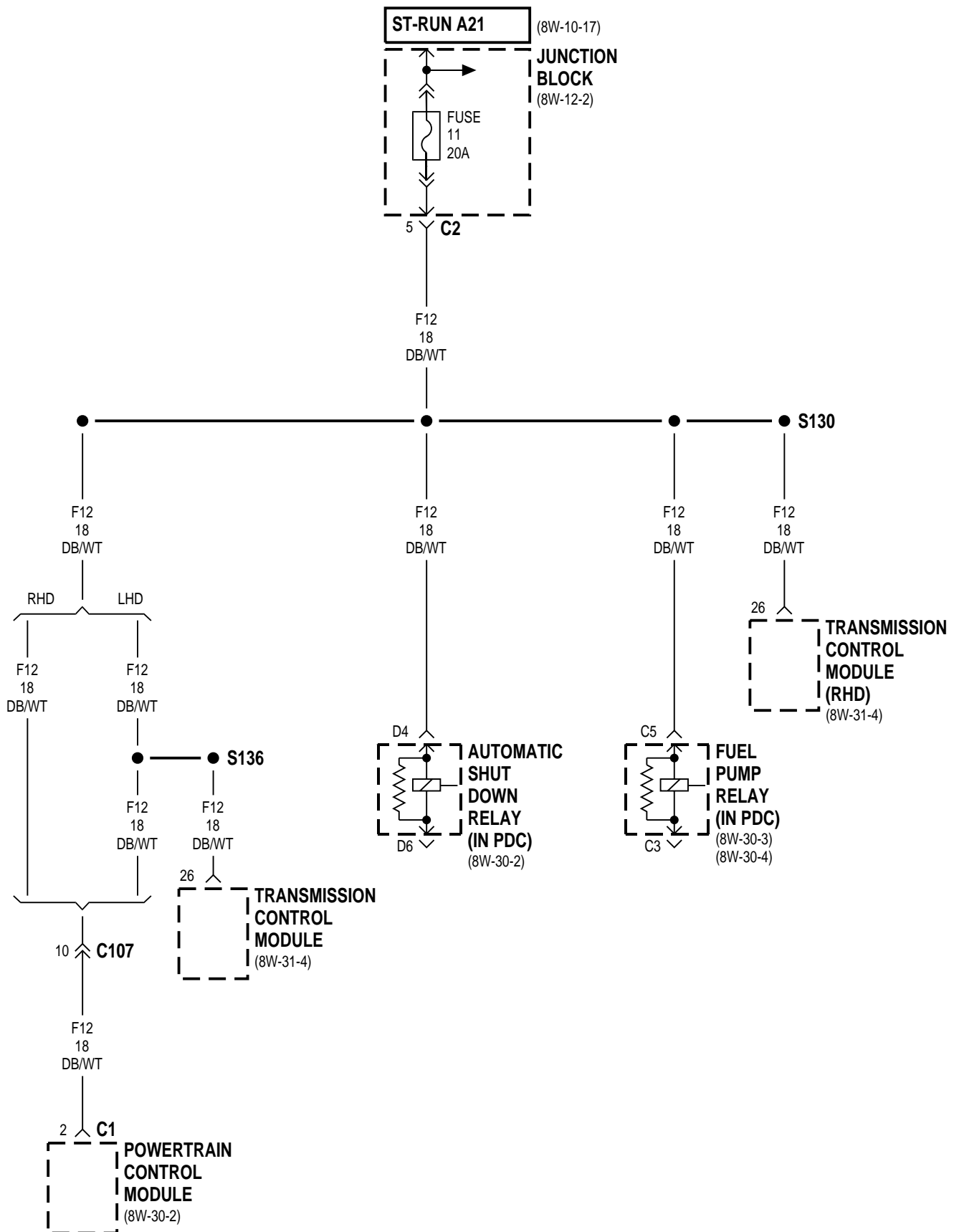




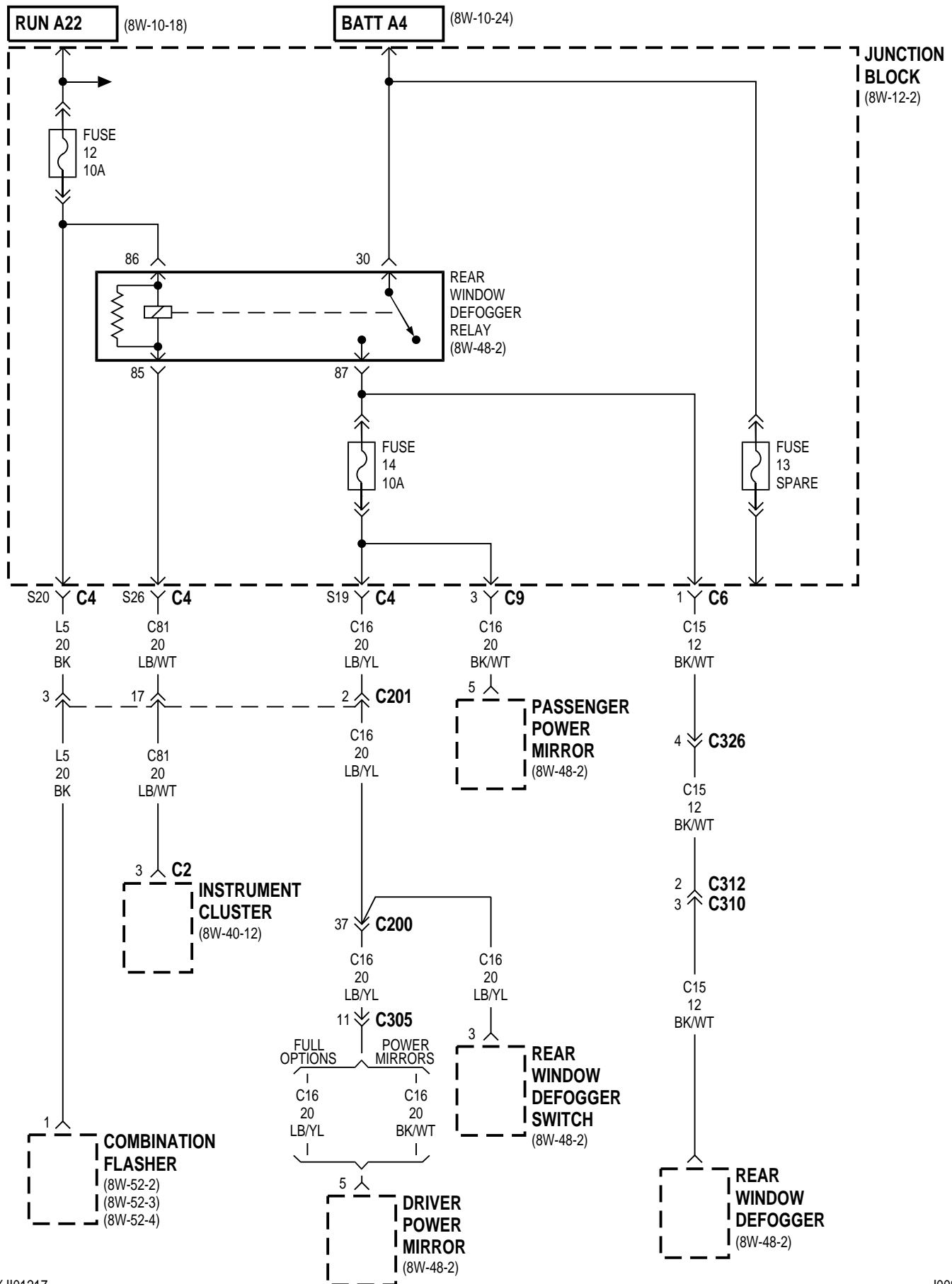




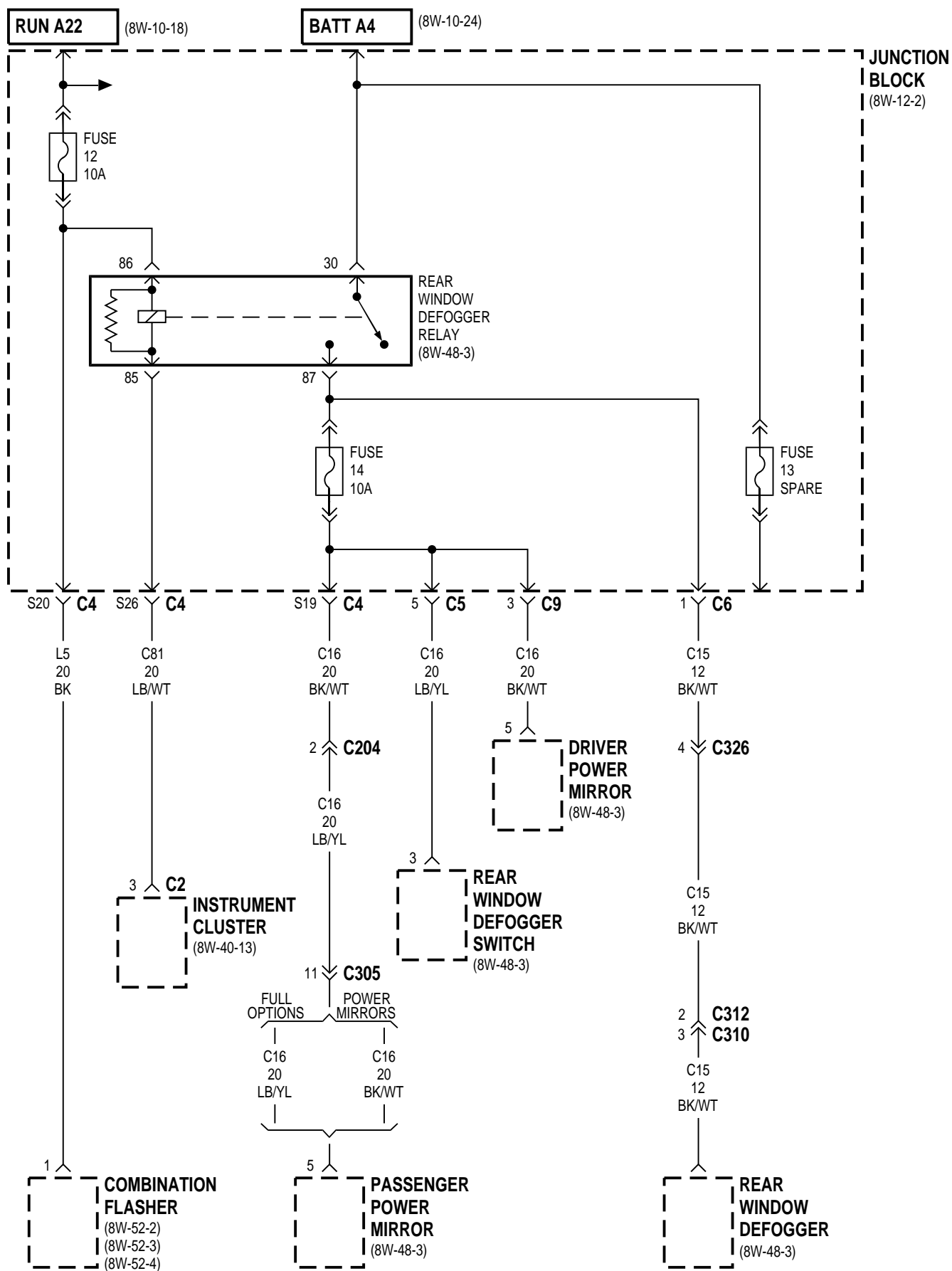
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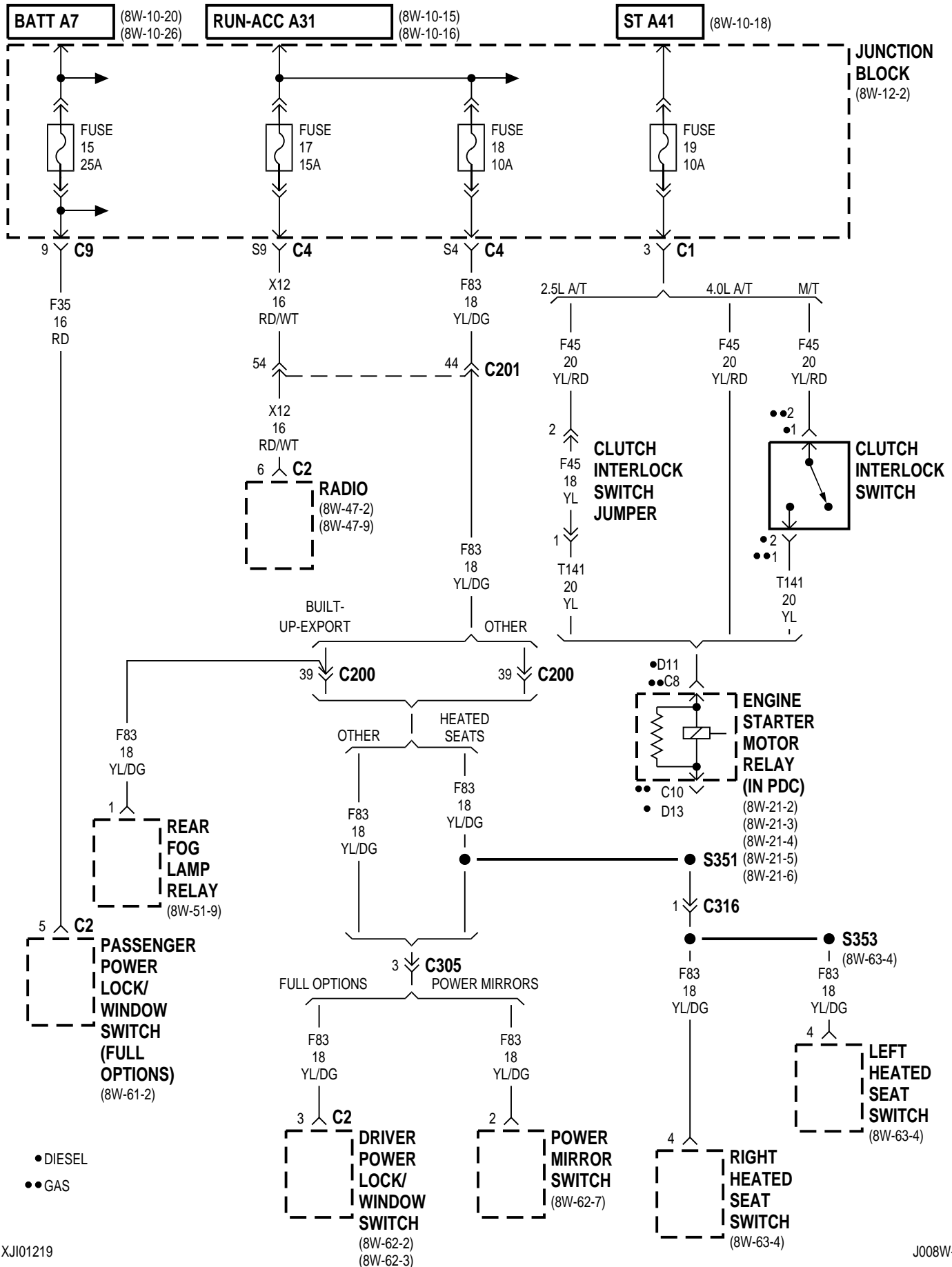




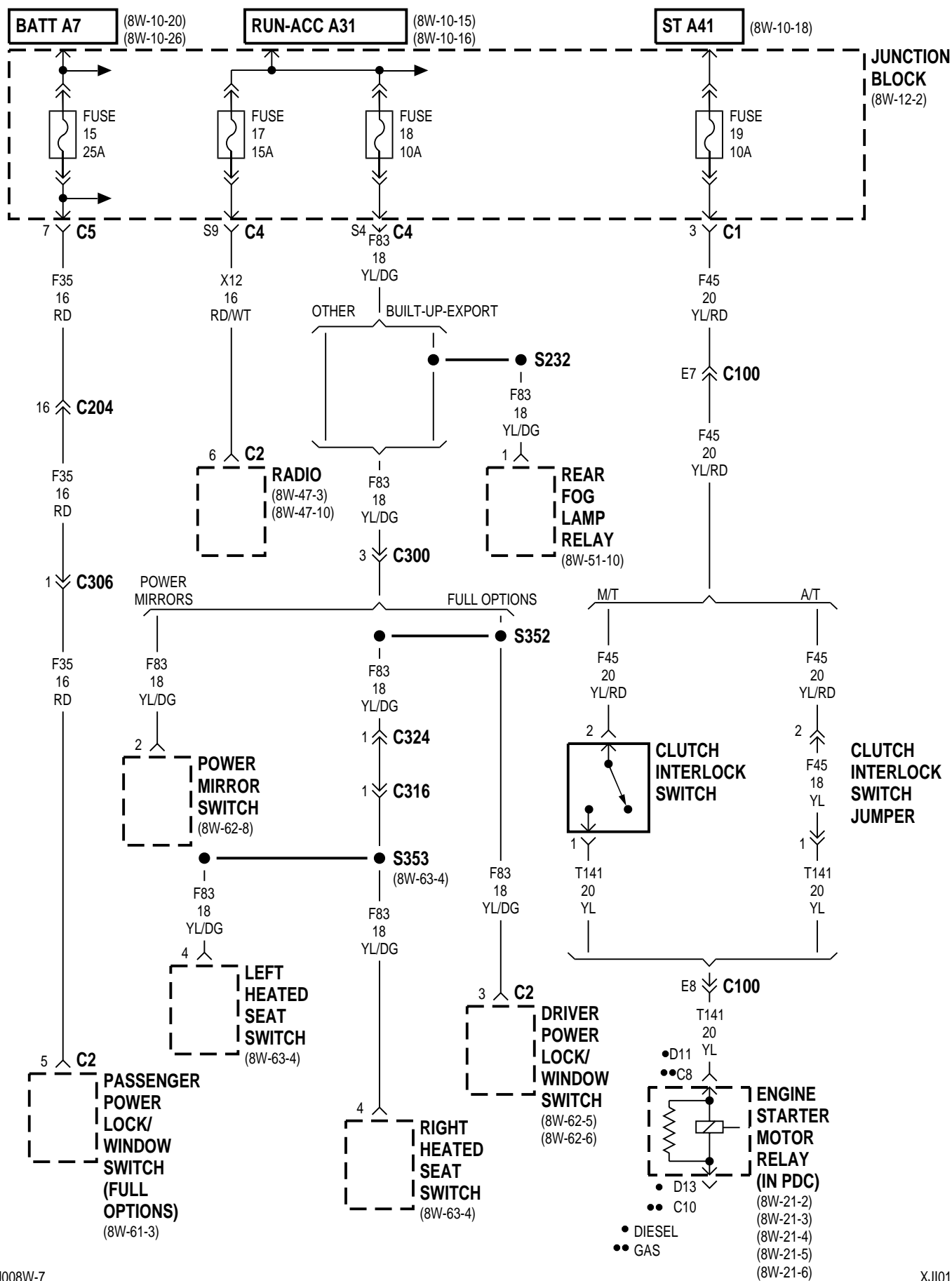


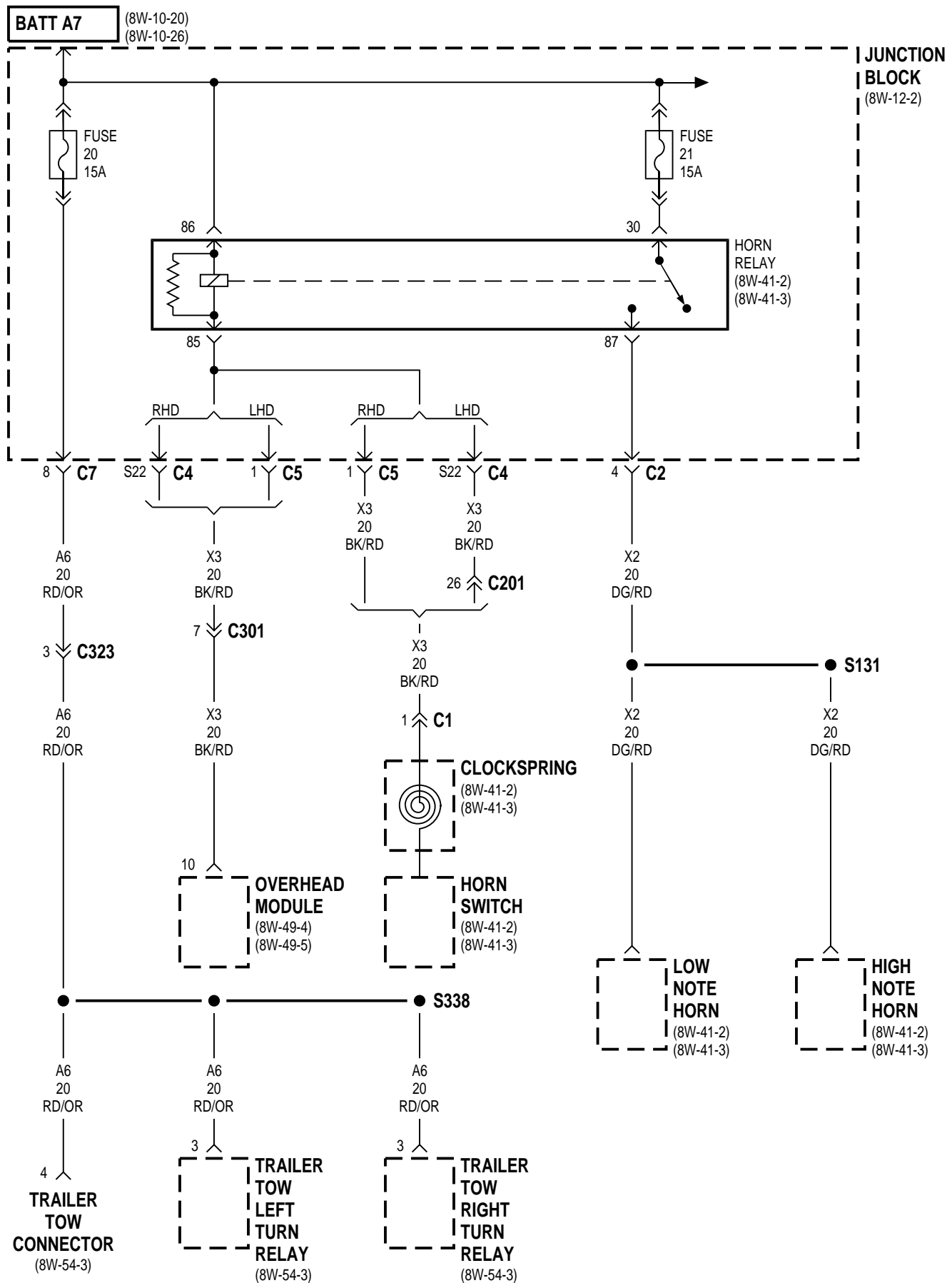
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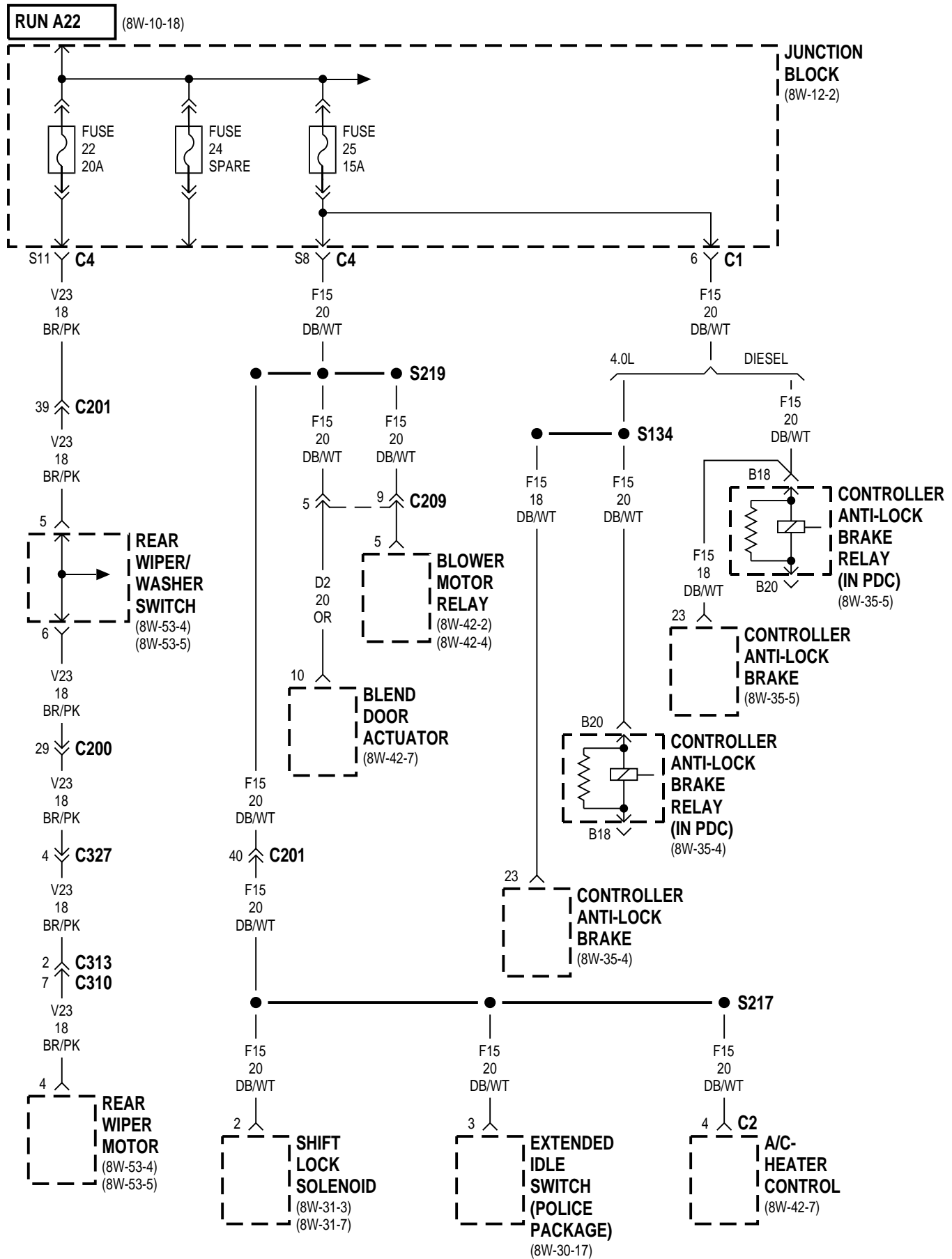


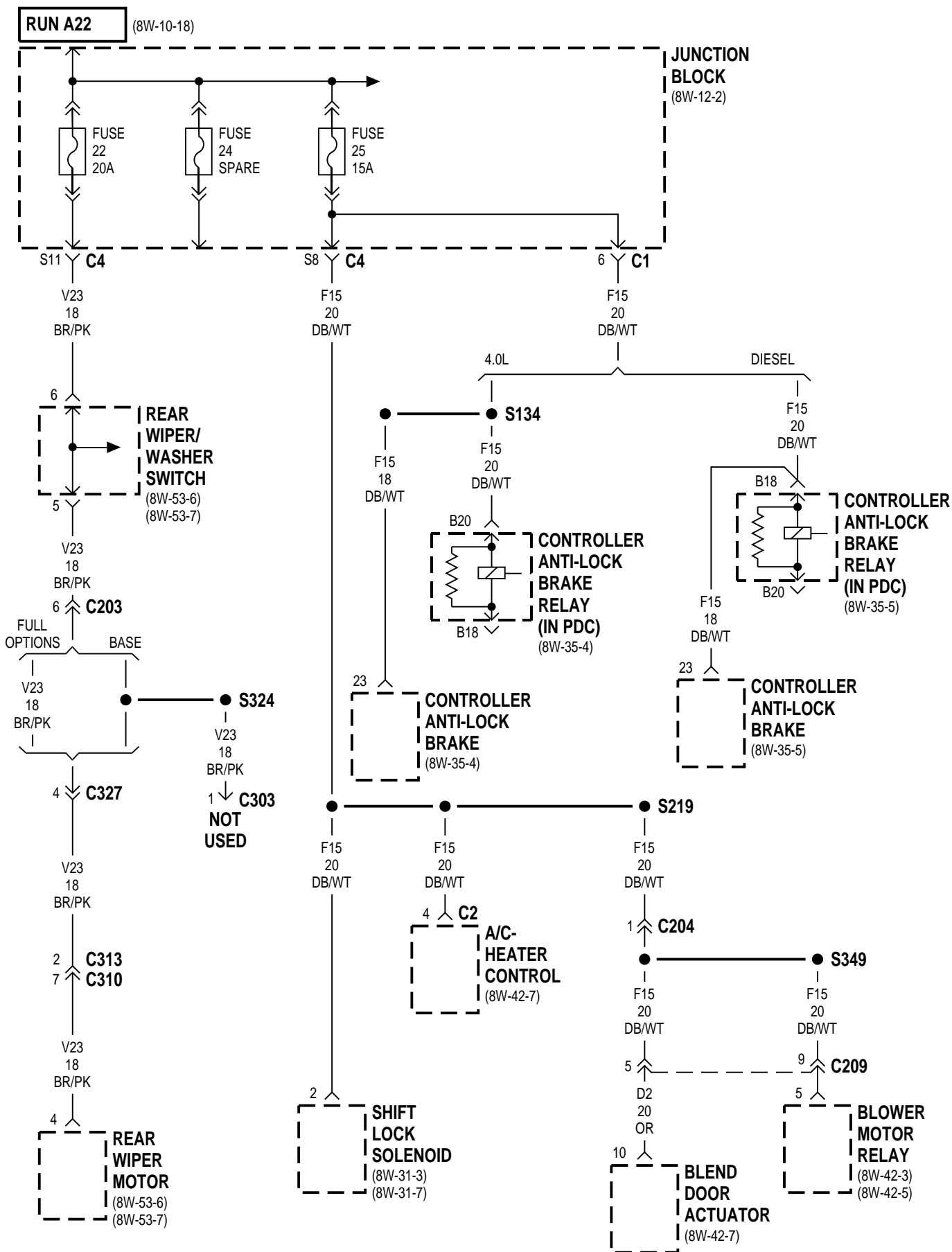


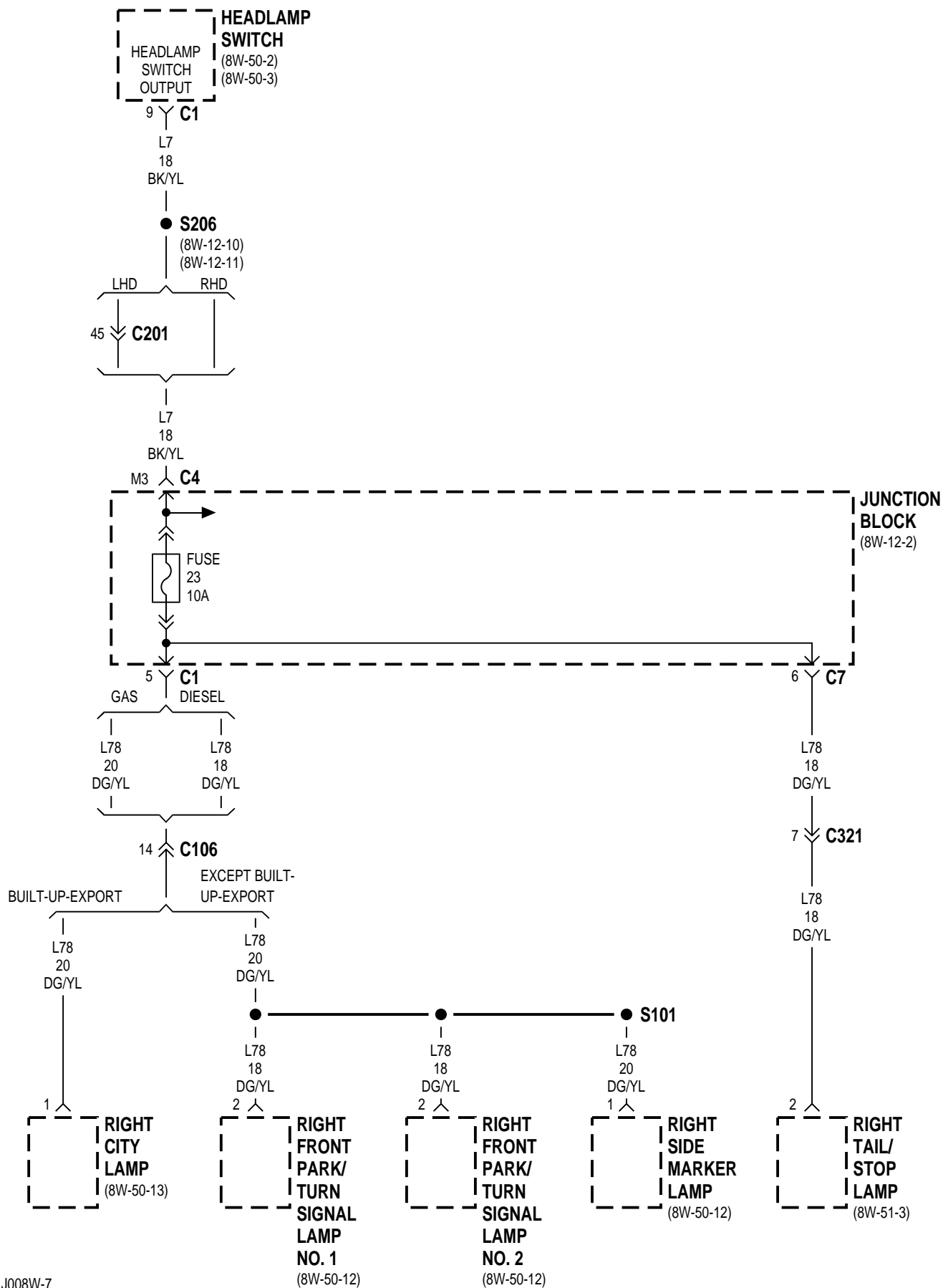
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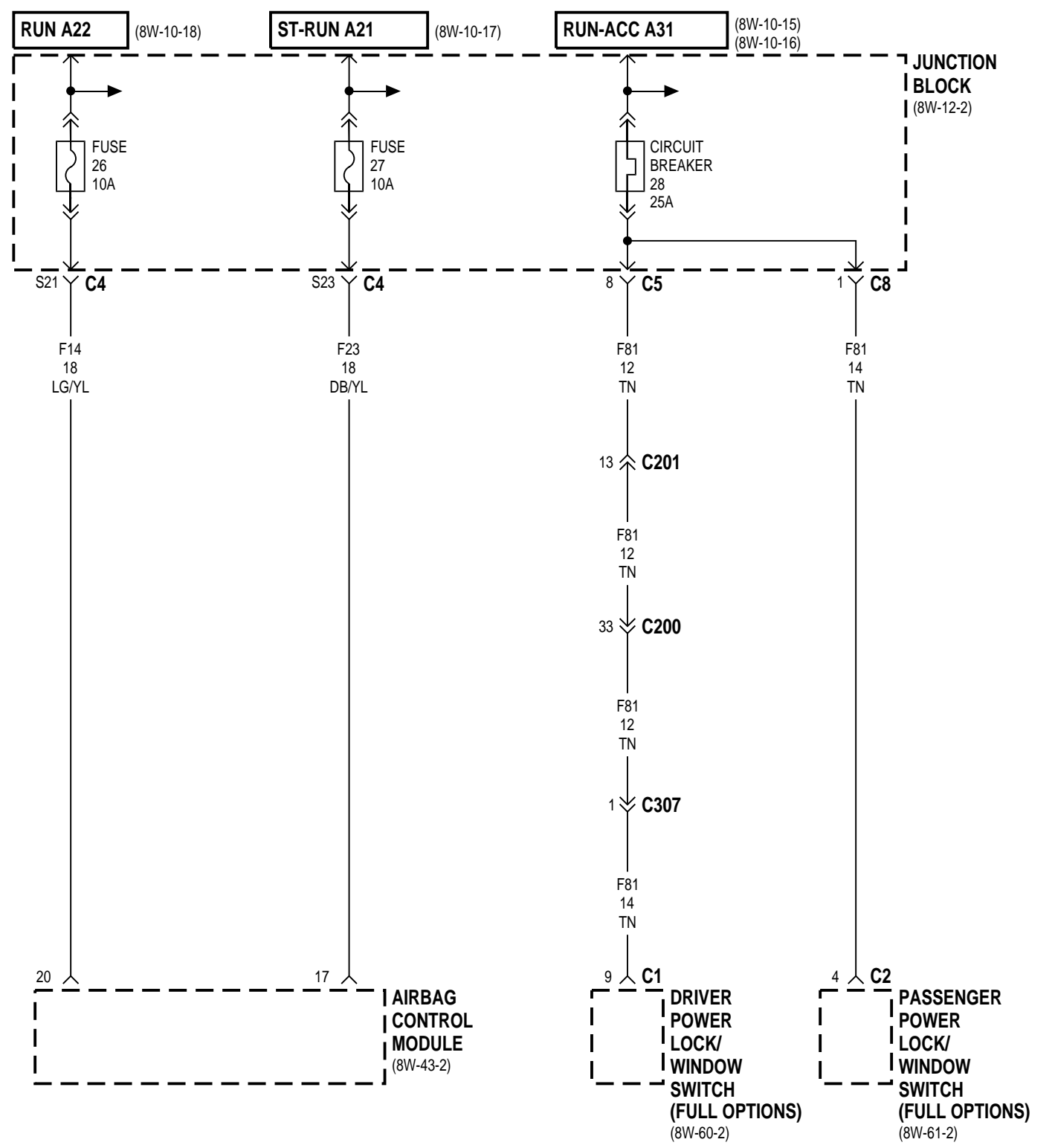


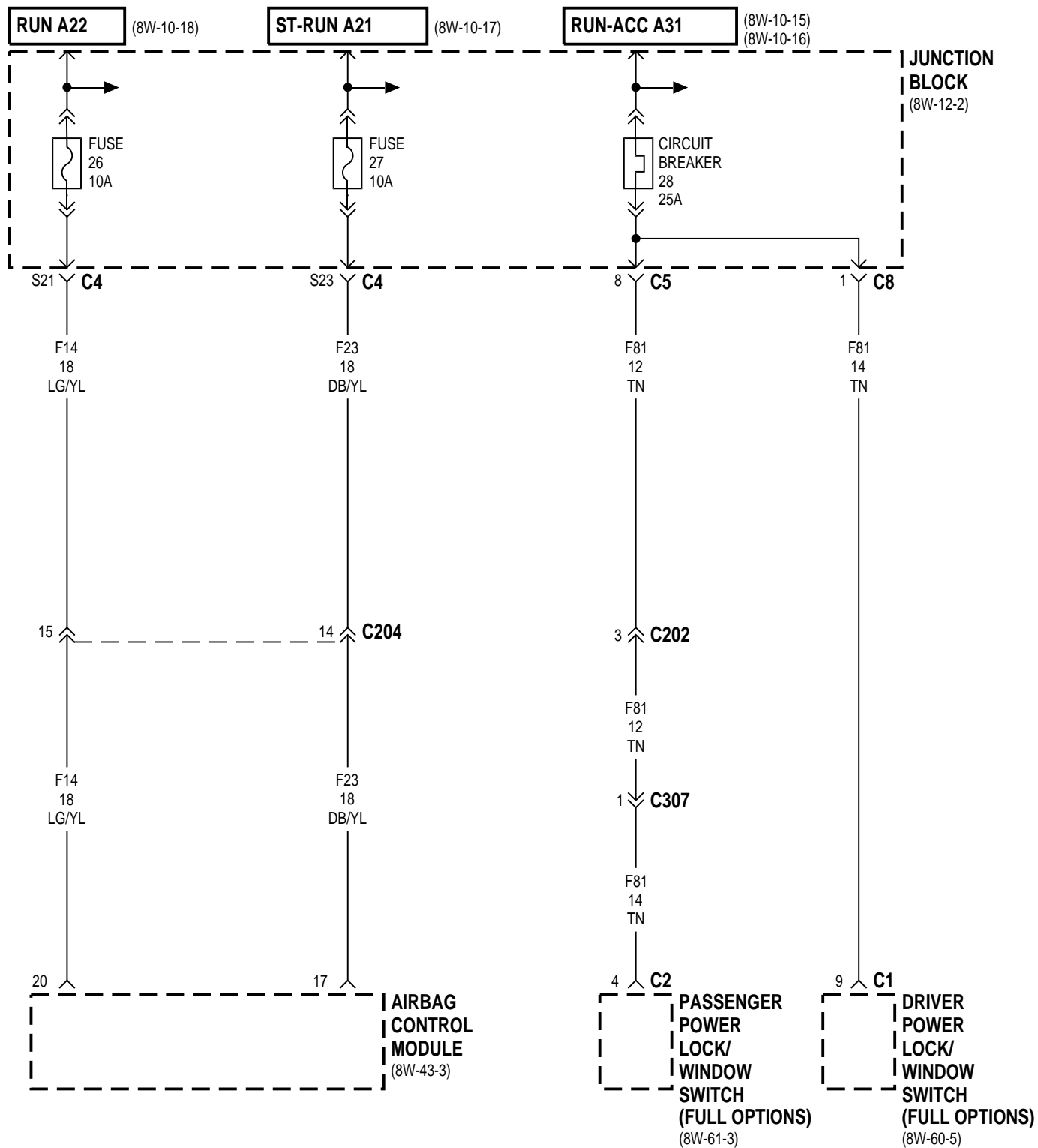


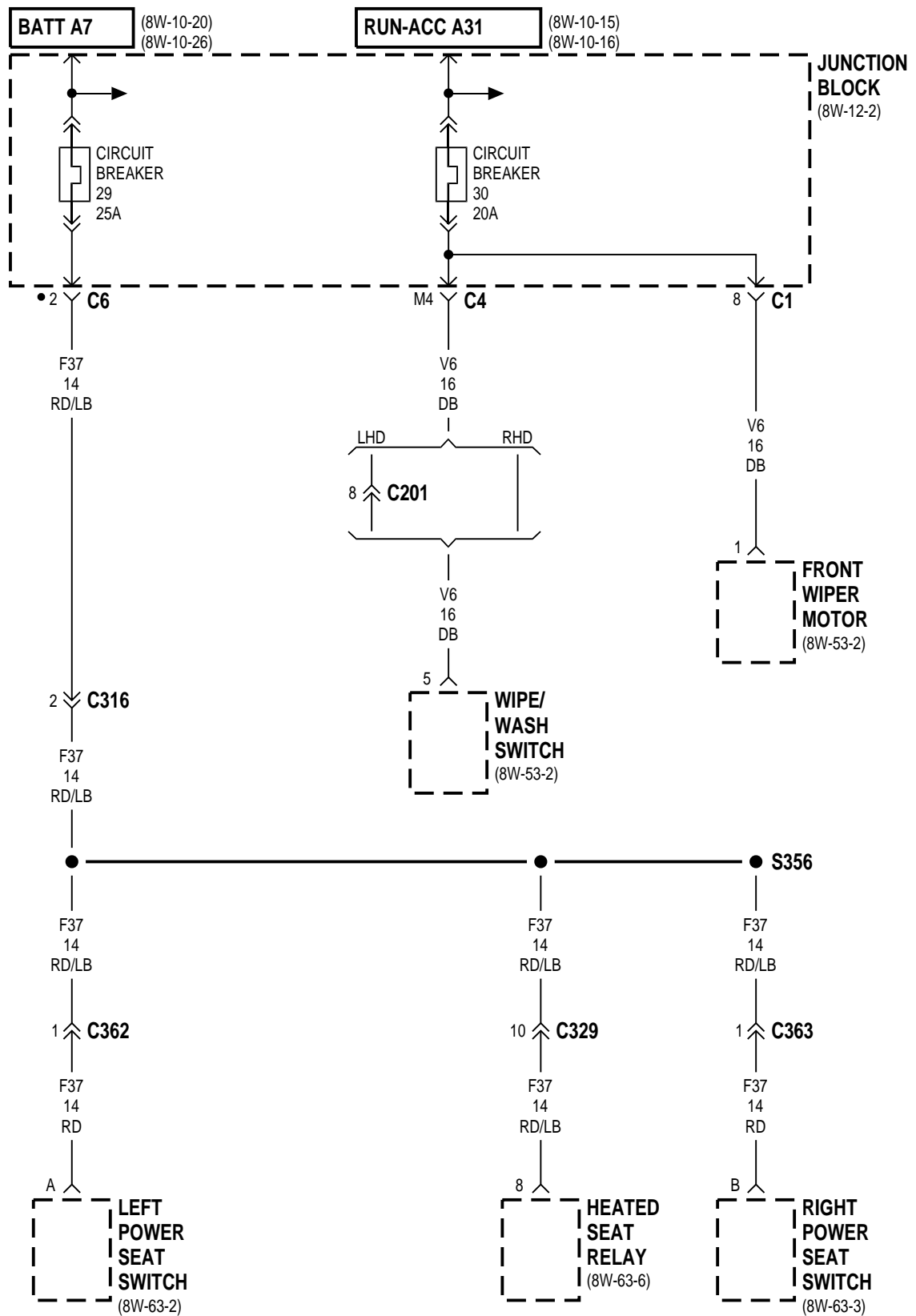


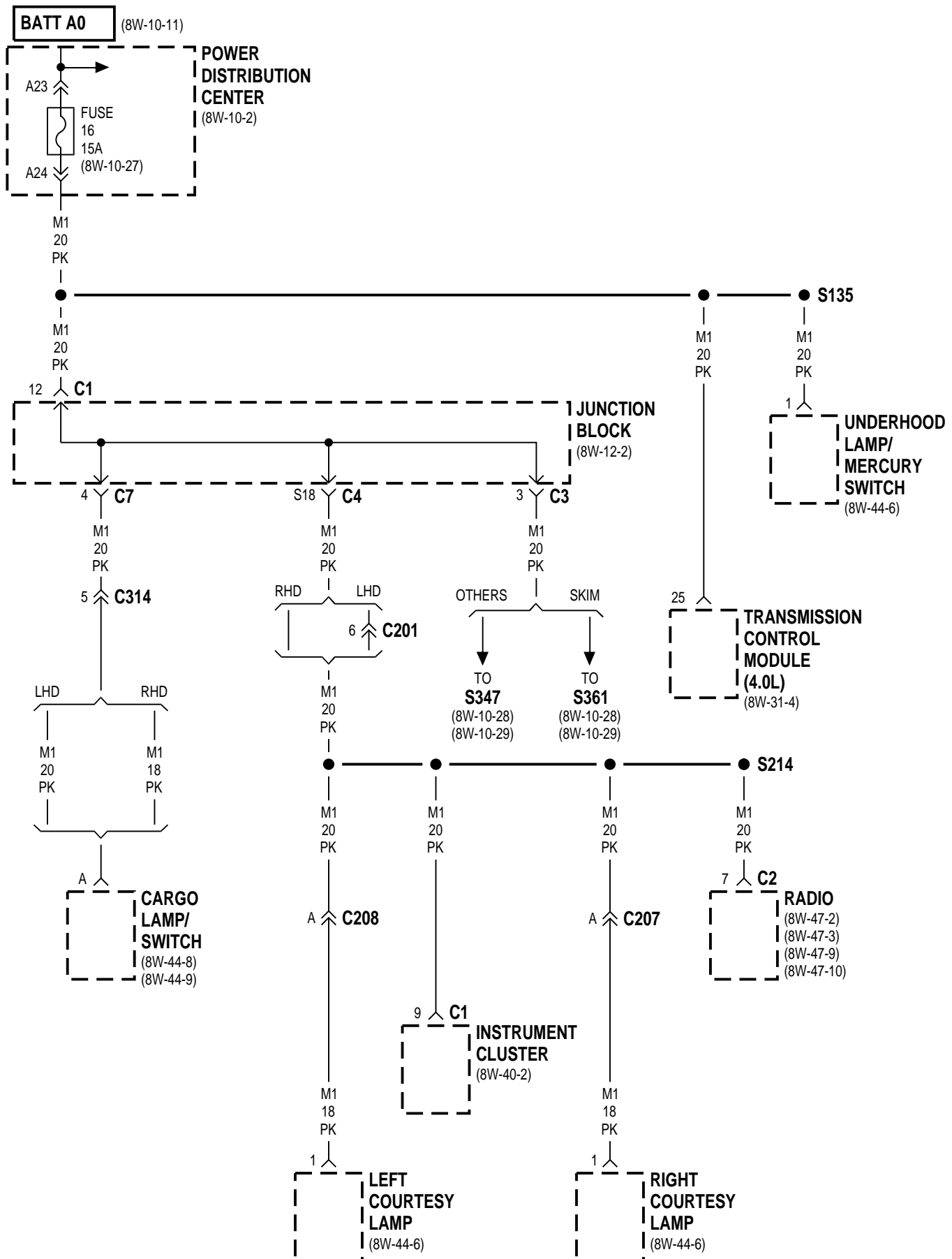


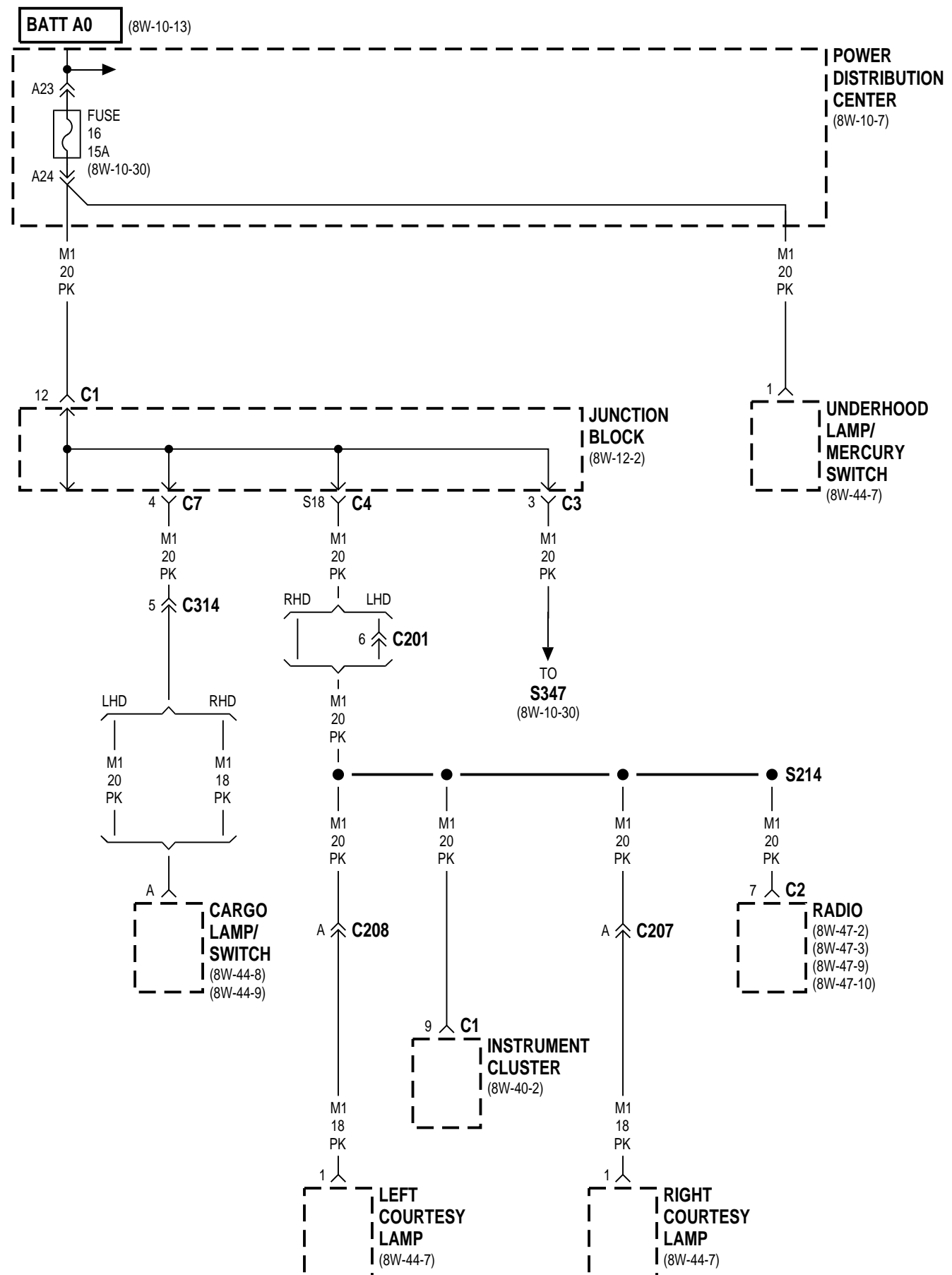


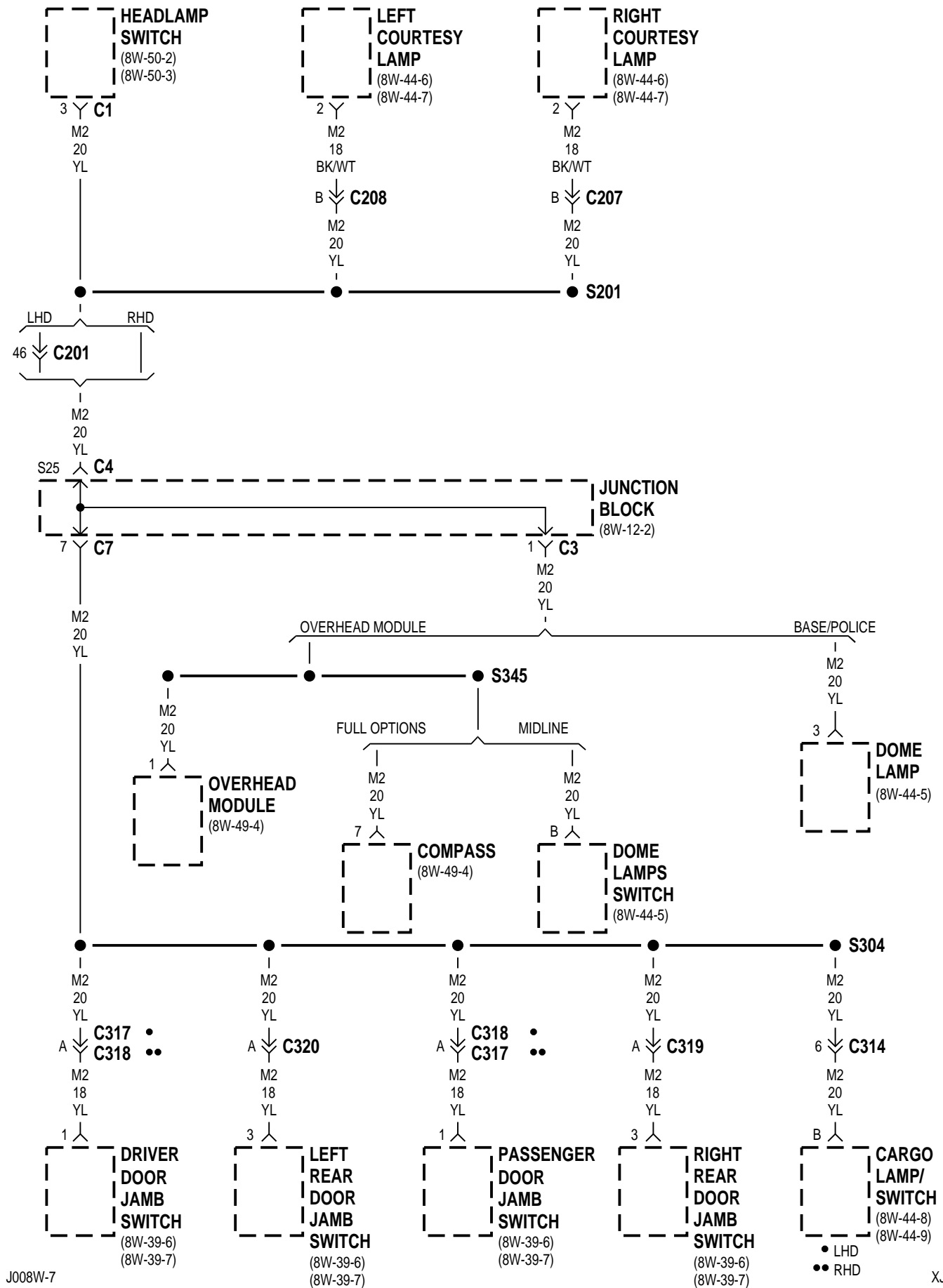


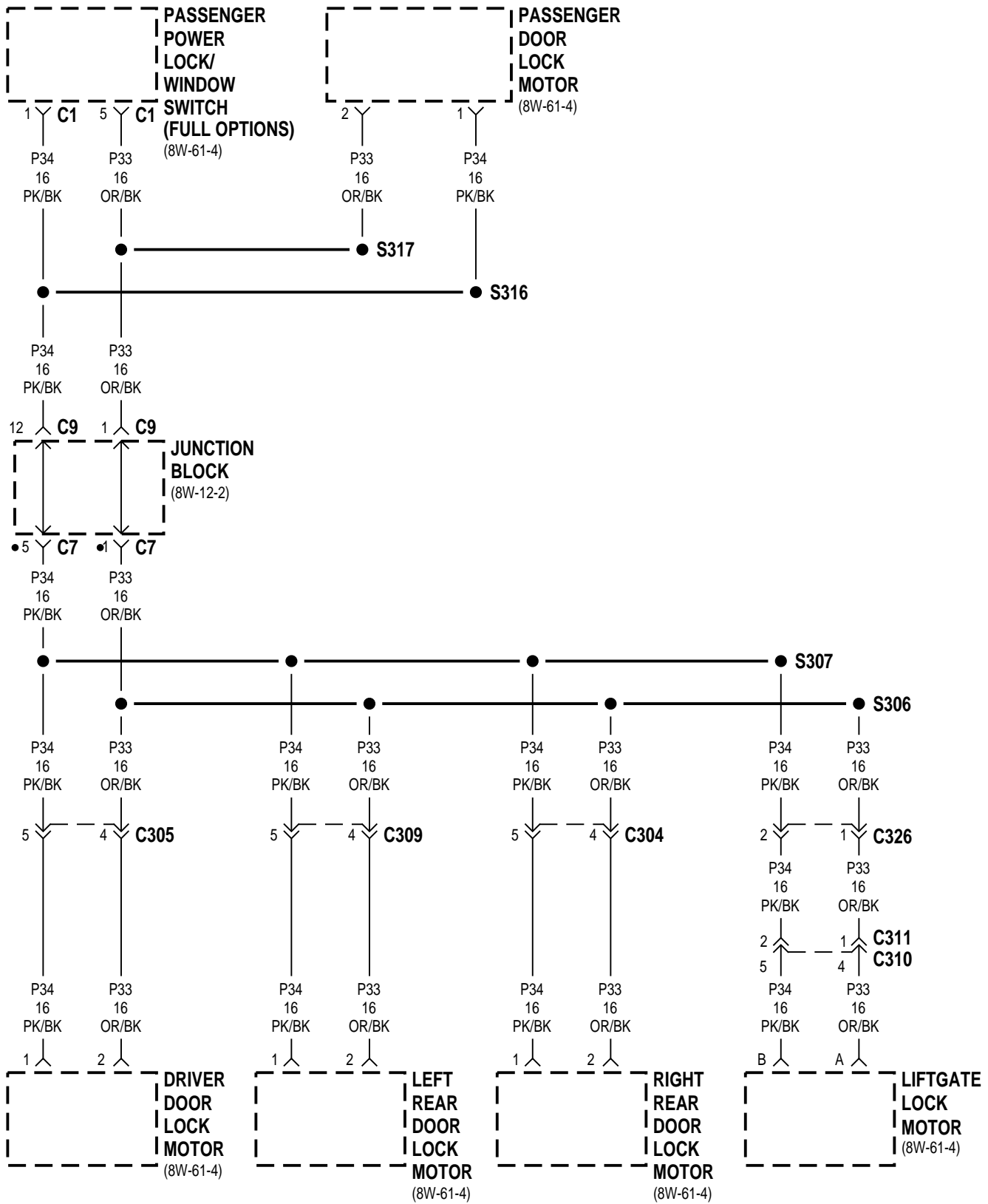






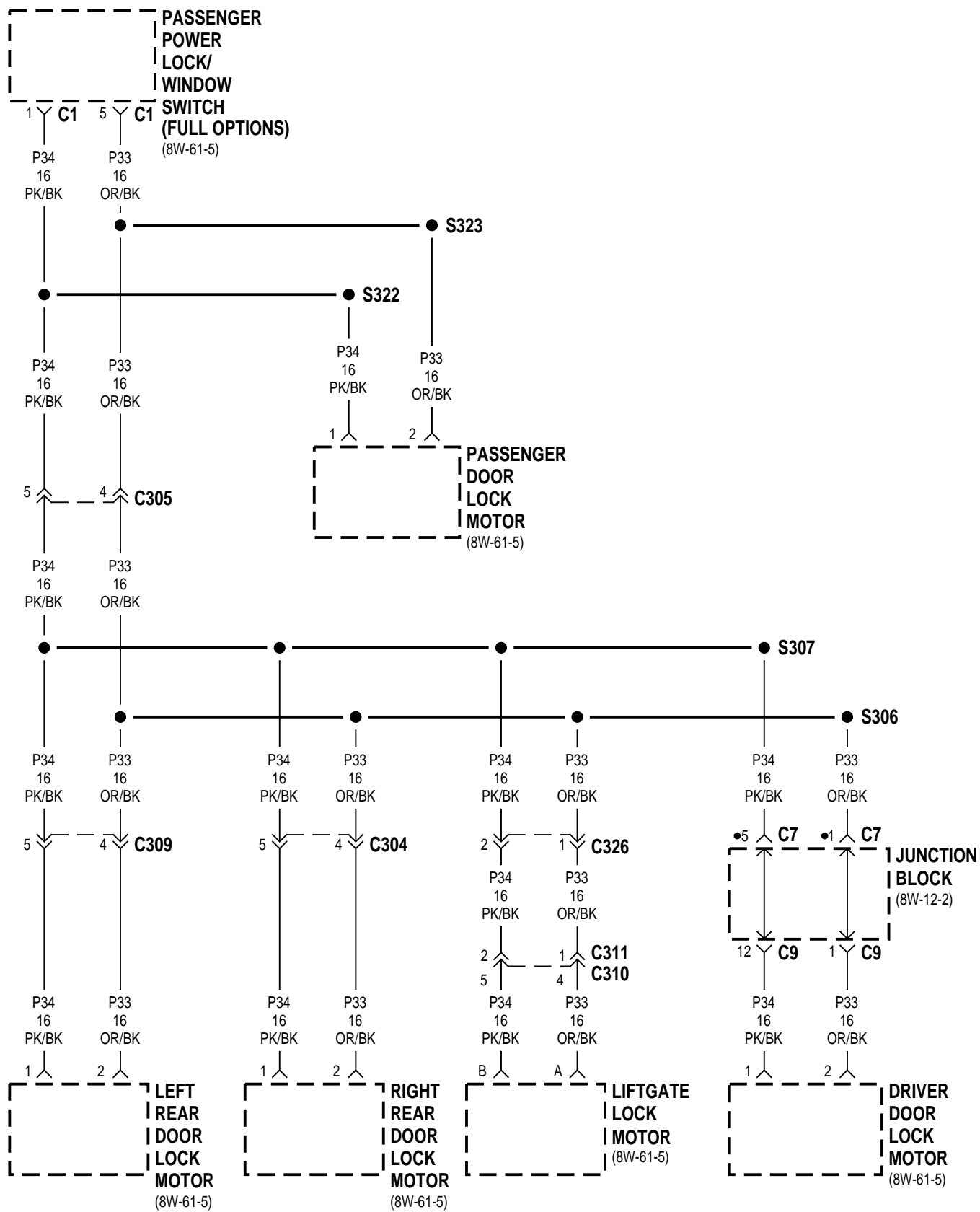




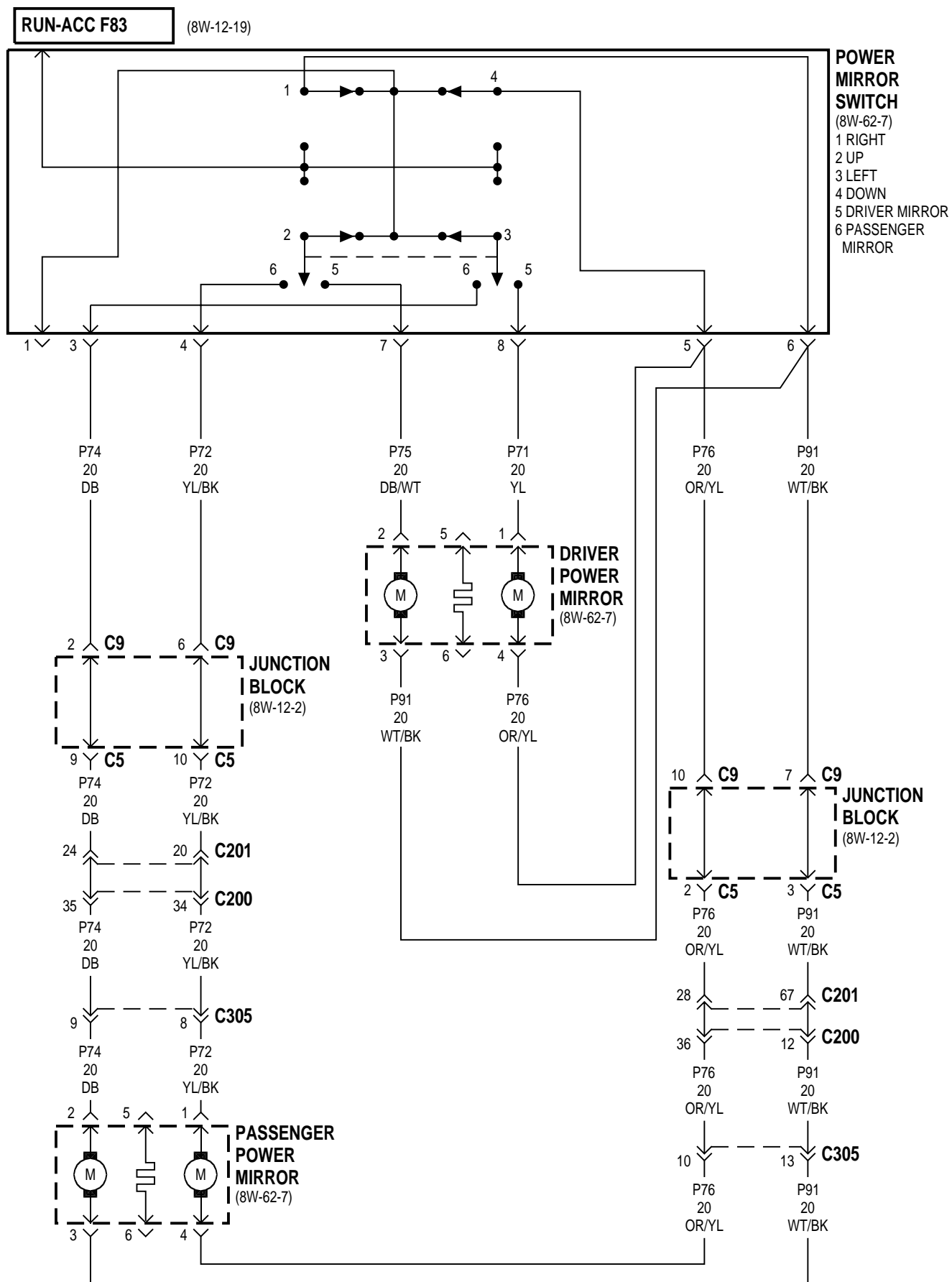


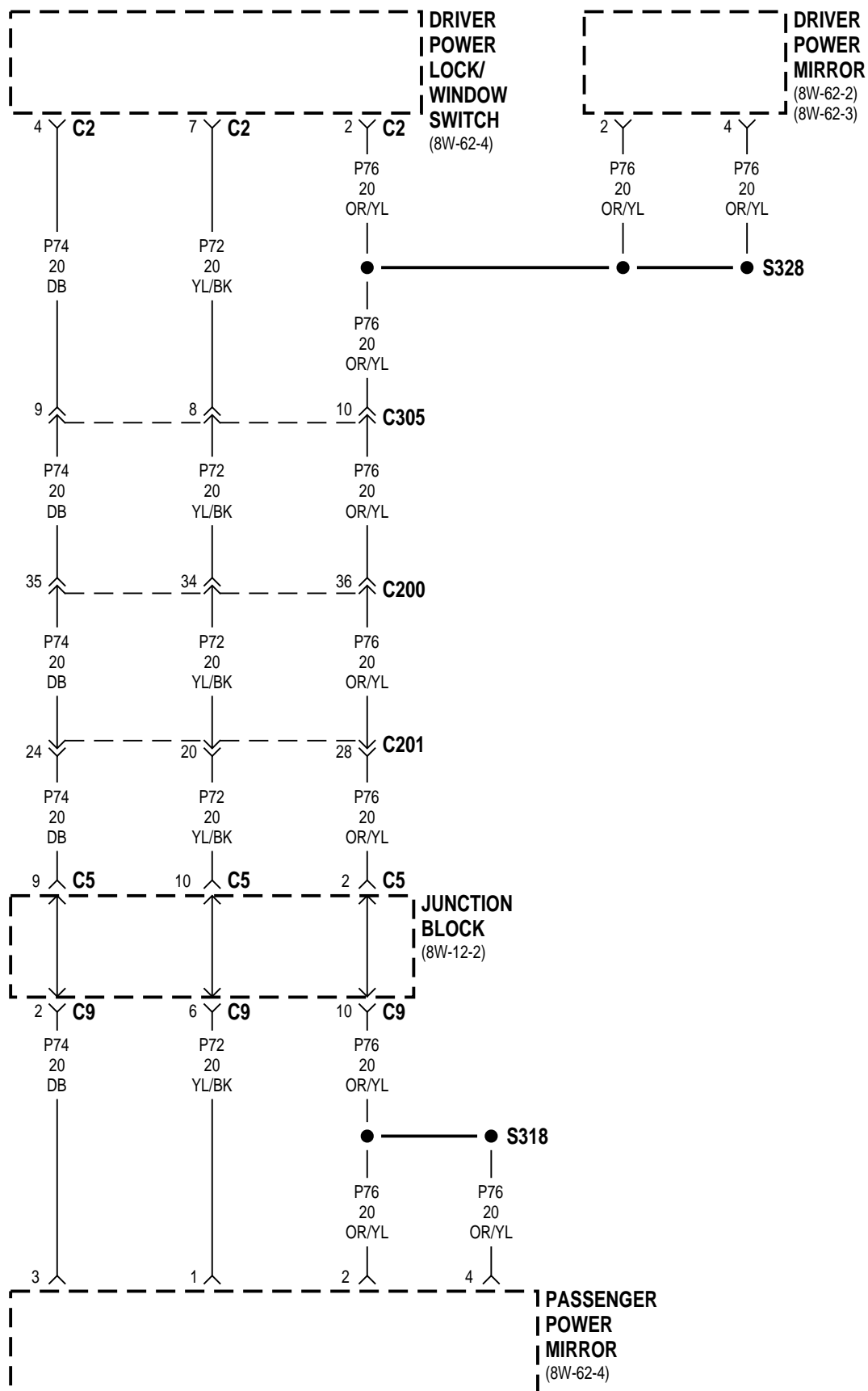
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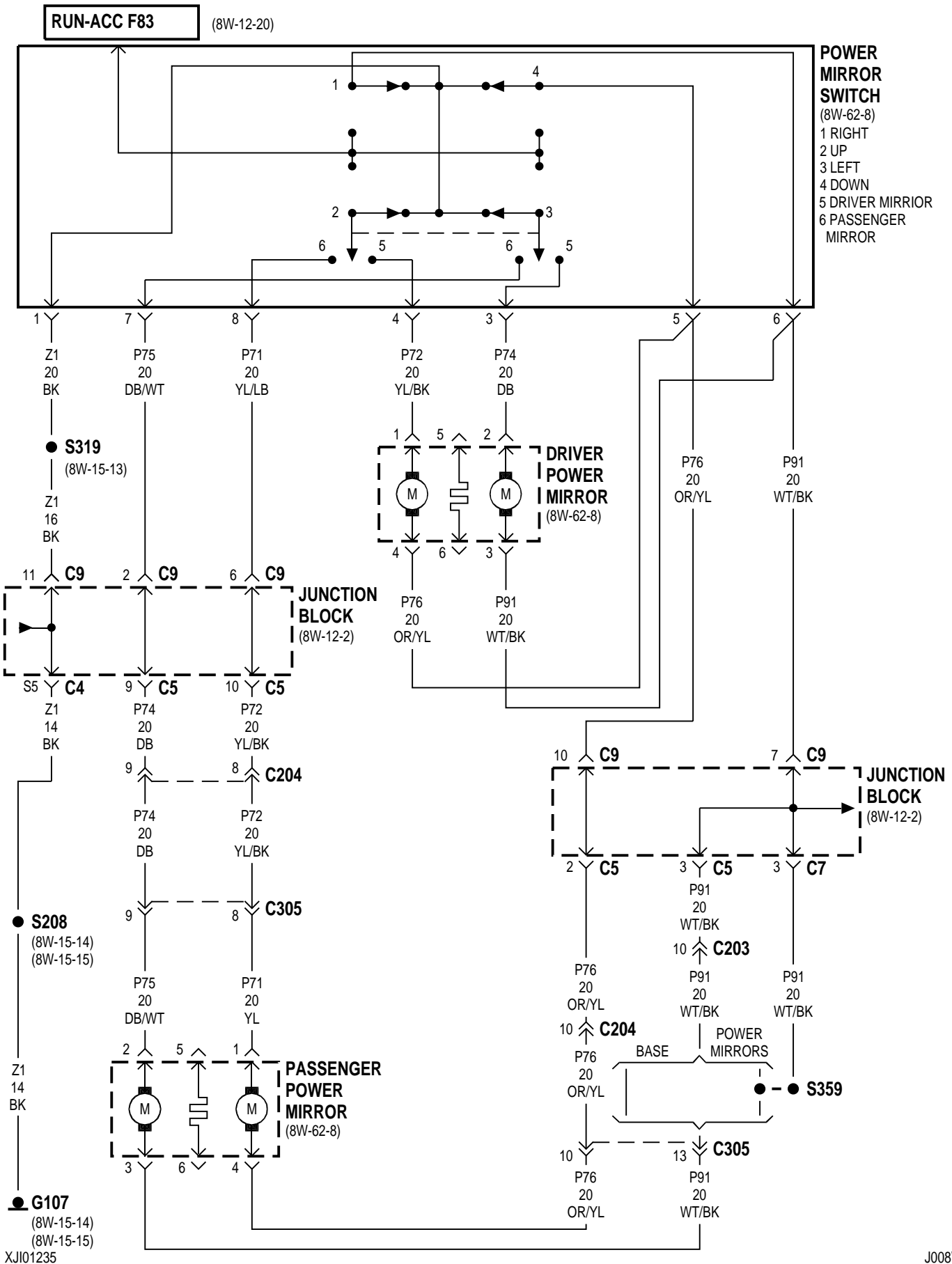
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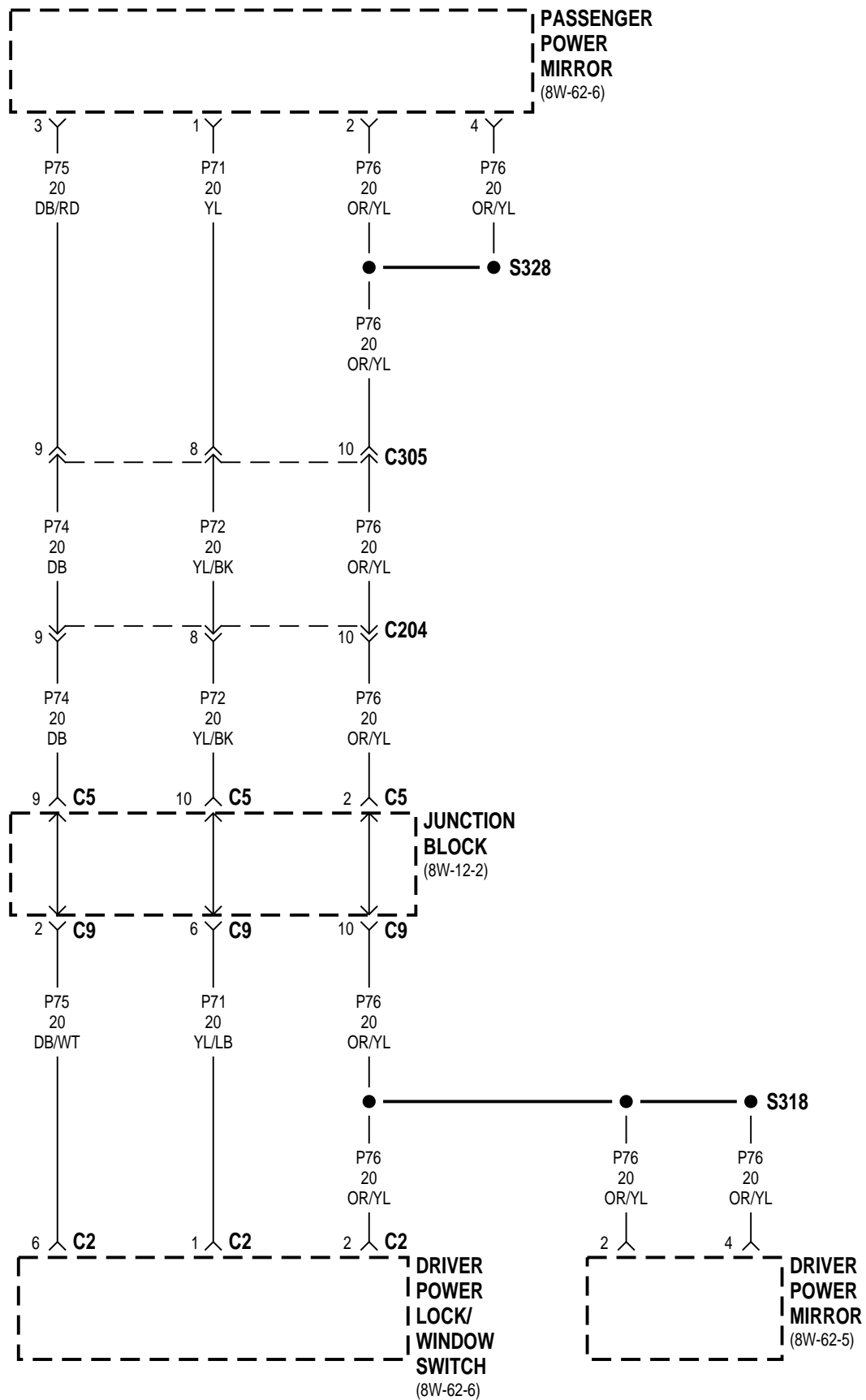












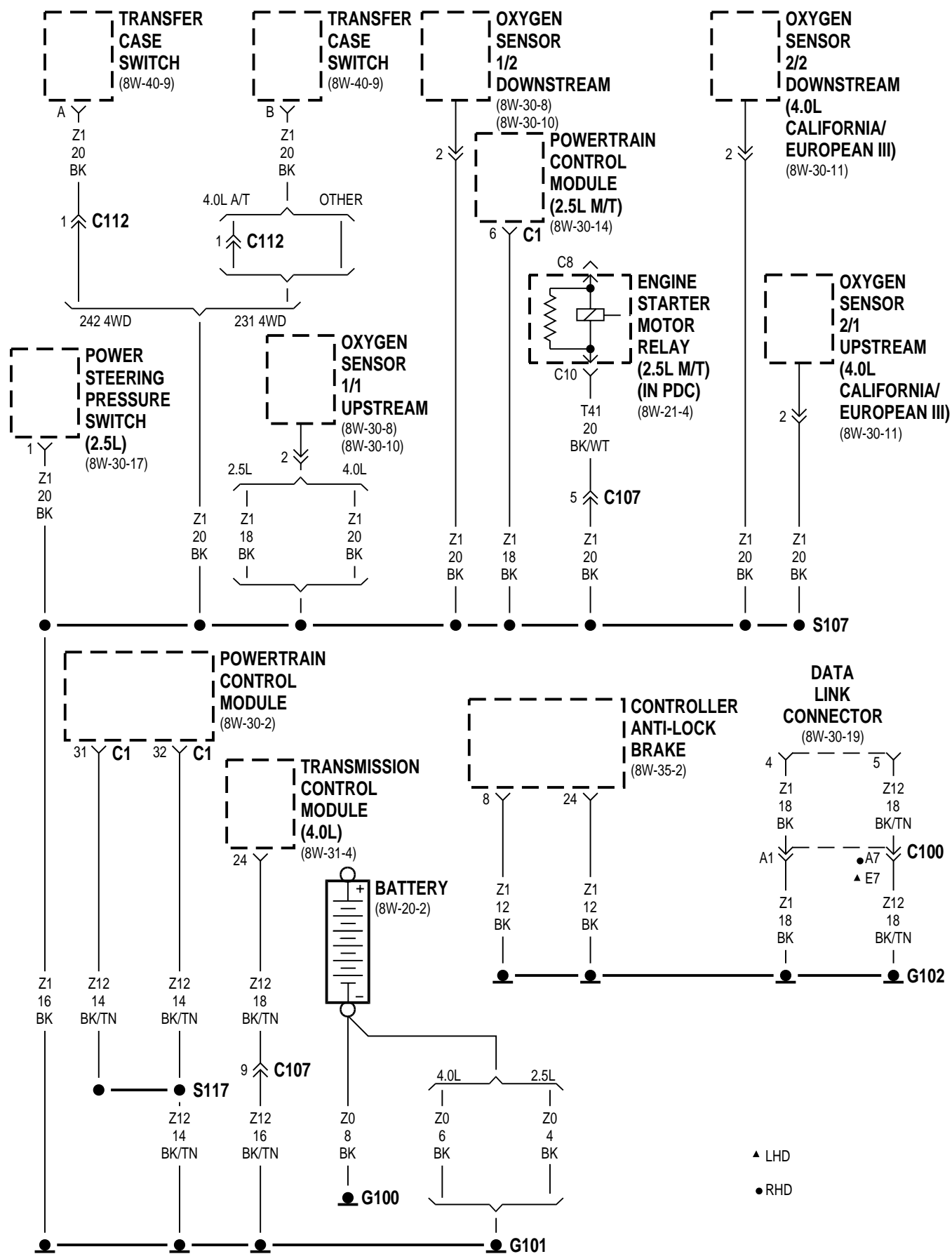




## 8W-15 GROUND DISTRIBUTION

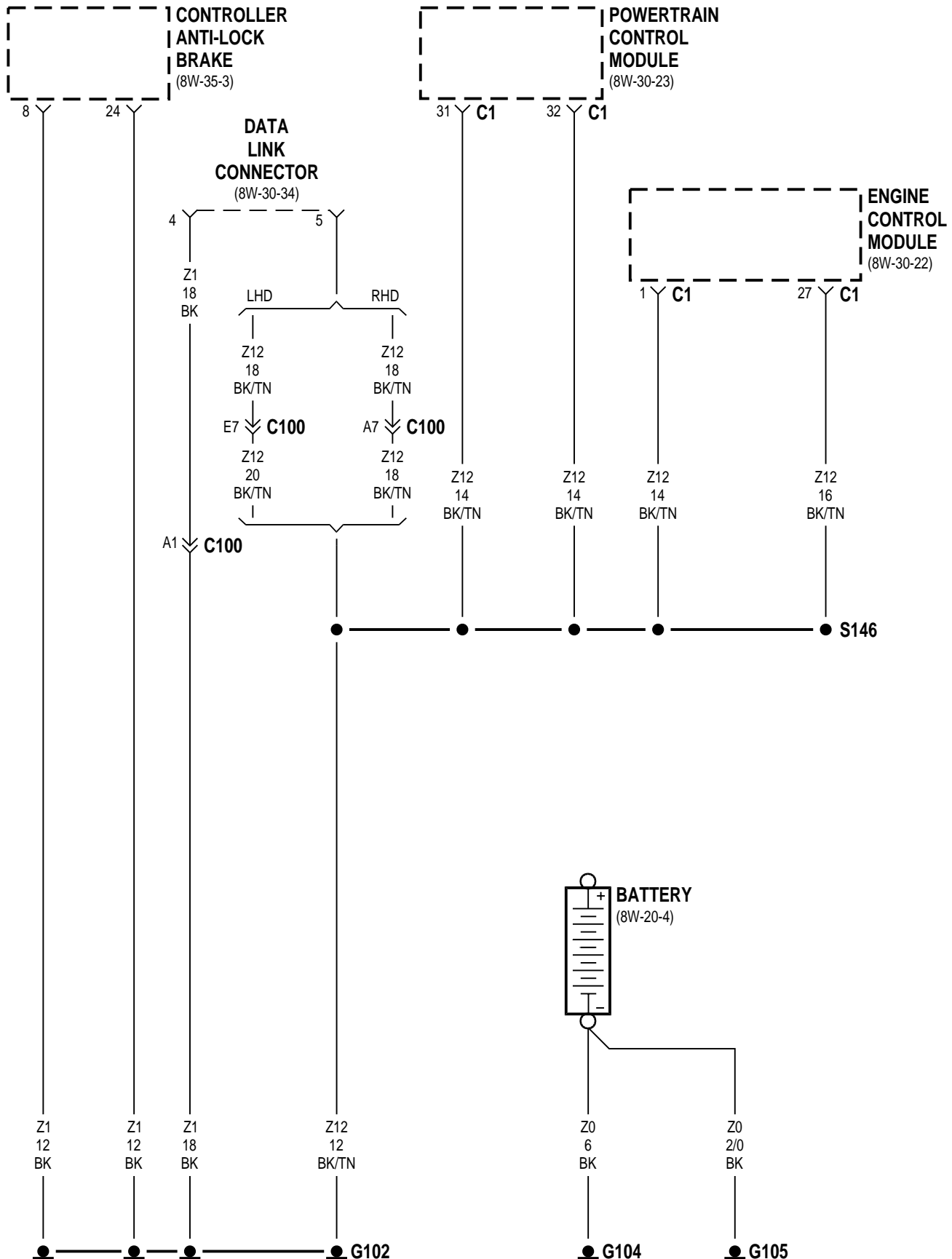
Component	Page	Component	Page
A/C Compressor Clutch . . . . .	8W-15-11	Left License Lamp . . . . .	8W-15-21
A/C High Pressure Switch . . . . .	8W-15-11	Left Power Seat Switch . . . . .	8W-15-22
A/C Low Pressure Switch . . . . .	8W-15-11	Left Rear Door Jamb Switch . . . . .	8W-15-17, 18
A/C- Heater Control . . . . .	8W-15-14, 15, 16	Left Rear Fog Lamp . . . . .	8W-15-17, 18
Airbag Control Module . . . . .	8W-15-17, 18	Left Repeater Lamp . . . . .	8W-15-10, 12
Battery . . . . .	8W-15-2, 3	Left Tail/Stop Lamp . . . . .	8W-15-17, 18
Blend Door Actuator . . . . .	8W-15-14, 15	Left Turn Signal Lamp . . . . .	8W-15-17, 18
Blower Motor Relay . . . . .	8W-15-16	Left Visor/Vanity Lamp . . . . .	8W-15-13
Brake Lamp Switch . . . . .	8W-15-16	License Lamp . . . . .	8W-15-21
Center High Mounted Stop Lamp . . . . .	8W-15-21	Liftgate Switch . . . . .	8W-15-21
Cigar Lighter . . . . .	8W-15-14, 15	Overhead Module . . . . .	8W-15-13
Cigar Lighter Relay . . . . .	8W-15-13	Oxygen Sensor 1/1 Upstream . . . . .	8W-15-2
Combination Flasher . . . . .	8W-15-14, 15	Oxygen Sensor 1/2 Downstream . . . . .	8W-15-2
Compass . . . . .	8W-15-13, 16	Oxygen Sensor 2/1 Upstream . . . . .	8W-15-2
Controller Anti-Lock Brake . . . . .	8W-15-2, 3	Oxygen Sensor 2/2 Downstream . . . . .	8W-15-2
Controller Anti-Lock Brake Relay . . . . .	8W-15-5, 6, 8, 9, 11	Passenger Door Jamb Switch . . . . .	8W-15-18, 19
Data Link Connector . . . . .	8W-15-2, 3	Passenger Power Lock/Window Switch . . . . .	8W-15-13, 18
Daytime Running Lamp Module . . . . .	8W-15-7	Passenger Power Mirror . . . . .	8W-15-13, 18
Dome Lamps Switch . . . . .	8W-15-13	Power Amplifier . . . . .	8W-15-17, 18
Driver Door Jamb Switch . . . . .	8W-15-17, 20	Power Antenna Relay . . . . .	8W-15-15
Driver Power Lock/Window Switch . . . . .	8W-15-17, 20	Power Mirror Switch . . . . .	8W-15-13, 17
Driver Power Mirror . . . . .	8W-15-13, 17, 20	Power Outlet . . . . .	8W-15-14, 15
Electronic Vacuum Modulator . . . . .	8W-15-11	Power Steering Pressure Switch . . . . .	8W-15-2
Engine Control Module . . . . .	8W-15-3	Powertrain Control Module . . . . .	8W-15-2, 3, 5, 9
Engine Starter Motor Relay . . . . .	8W-15-2, 5, 9, 11	PRNDL Illumination . . . . .	8W-15-13, 18
Extended Idle Switch . . . . .	8W-15-14	Radiator Fan Motor . . . . .	8W-15-7, 10, 12
Fog Lamp Relay . . . . .	8W-15-11	Radio . . . . .	8W-15-16
Fog Lamp Relay No. 1 . . . . .	8W-15-4, 5, 6, 8, 9, 10	Rear Fog Lamp Relay . . . . .	8W-15-15
Fog Lamp Relay No. 2 . . . . .	8W-15-4, 5, 6, 8, 9	Rear Fog Lamp Switch . . . . .	8W-15-15
Front Fog Lamp Switch . . . . .	8W-15-14, 15	Rear Washer Pump . . . . .	8W-15-4, 5, 6, 8, 9, 11
Front Wiper Motor . . . . .	8W-15-5, 6, 7, 8, 10, 11	Rear Window Defogger . . . . .	8W-15-21
Fuel Heater . . . . .	8W-15-12	Rear Window Defogger Switch . . . . .	8W-15-14, 15
Fuel Heater Relay . . . . .	8W-15-11	Rear Wiper Motor . . . . .	8W-15-21
Fuel Pump Module . . . . .	8W-15-17, 18	Rear Wiper/Washer Switch . . . . .	8W-15-14, 15
G100 . . . . .	8W-15-2	Right Back-Up Lamp . . . . .	8W-15-19, 20
G101 . . . . .	8W-15-2	Right City Lamp . . . . .	8W-15-10, 12
G102 . . . . .	8W-15-2, 3	Right Fog Lamp . . . . .	8W-15-7, 10, 12
G104 . . . . .	8W-15-3	Right Front Park/Turn Signal Lamp No. 1 . . . . .	8W-15-7
G105 . . . . .	8W-15-3	Right Front Park/Turn Signal Lamp No. 2 . . . . .	8W-15-7
G106 . . . . .	8W-15-7, 10, 12	Right Front Turn Signal Lamp No. 1 . . . . .	8W-15-10, 12
G107 . . . . .	8W-15-14, 15	Right Front Turn Signal Lamp No. 2 . . . . .	8W-15-10, 12
G108 . . . . .	8W-15-16	Right Headlamp . . . . .	8W-15-7, 10, 12
G200 . . . . .	8W-15-17	Right Headlamp Leveling Motor . . . . .	8W-15-10, 12
G300 . . . . .	8W-15-18	Right Heated Seat Back . . . . .	8W-15-22
G301 . . . . .	8W-15-17, 18	Right Heated Seat Switch . . . . .	8W-15-22
G302 . . . . .	8W-15-17, 18	Right License Lamp . . . . .	8W-15-21
G303 . . . . .	8W-15-19, 20	Right Power Seat Switch . . . . .	8W-15-22
G304 . . . . .	8W-15-21	Right Rear Door Jamb Switch . . . . .	8W-15-19, 20
G306 . . . . .	8W-15-22	Right Rear Fog Lamp . . . . .	8W-15-19, 20
Headlamp Delay Module . . . . .	8W-15-16	Right Repeater Lamp . . . . .	8W-15-10, 12
Headlamp Leveling Switch . . . . .	8W-15-15	Right Tail/Stop Lamp . . . . .	8W-15-19, 20
Headlamp Switch . . . . .	8W-15-16	Right Turn Signal Lamp . . . . .	8W-15-19, 20
Heated Seat Relay . . . . .	8W-15-22	Right Visor/Vanity Lamp . . . . .	8W-15-13
Heater Control . . . . .	8W-15-16	Seat Belt Switch . . . . .	8W-15-13, 18
Ignition Switch . . . . .	8W-15-16	Seat Heat Interface Module . . . . .	8W-15-22
Instrument Cluster . . . . .	8W-15-16	Sentry Key Immobilizer Module . . . . .	8W-15-16
Junction Block . . . . .	8W-15-13, 14, 15	Trailer Tow Connector . . . . .	8W-15-17, 18
Left Back-Up Lamp . . . . .	8W-15-17, 18	Transfer Case Switch . . . . .	8W-15-2, 11
Left City Lamp . . . . .	8W-15-10, 12	Transfer Case Switch Illumination . . . . .	8W-15-13, 18
Left Fog Lamp . . . . .	8W-15-7, 10, 12	Transmission Control Module . . . . .	8W-15-2
Left Front Park/Turn Signal Lamp No. 1 . . . . .	8W-15-7	Transmission Range Sensor . . . . .	8W-15-5, 6, 8
Left Front Park/Turn Signal Lamp No. 2 . . . . .	8W-15-7	Underhood Lamp/Mercury Switch . . . . .	8W-15-4, 5, 6, 8, 9, 11
Left Front Turn Signal Lamp No. 1 . . . . .	8W-15-10, 12	Vehicle Speed Control Servo . . . . .	8W-15-4, 5, 6, 8, 9
Left Front Turn Signal Lamp No. 2 . . . . .	8W-15-10, 12	Washer Fluid Level Switch . . . . .	8W-15-11
Left Headlamp . . . . .	8W-15-7, 10, 12	Washer Fluid Level Switch . . . . .	8W-15-4, 5, 6, 8, 9
Left Headlamp Leveling Motor . . . . .	8W-15-10, 12	Windshield Washer Pump . . . . .	8W-15-4, 5, 6, 8, 9, 11
Left Heated Seat Back . . . . .	8W-15-22	Wipe/Wash Switch . . . . .	8W-15-16
Left Heated Seat Switch . . . . .	8W-15-22		

## GAS

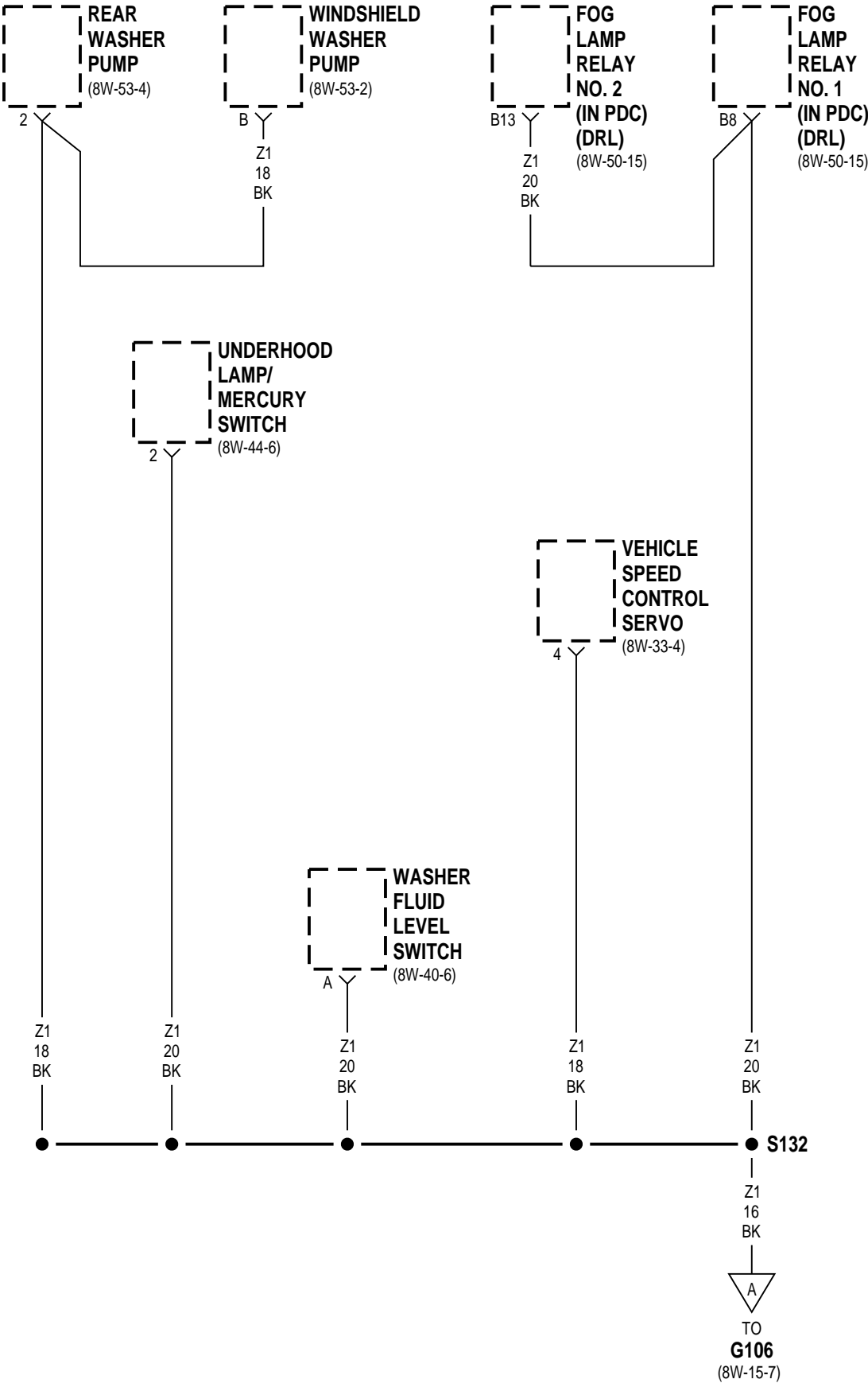




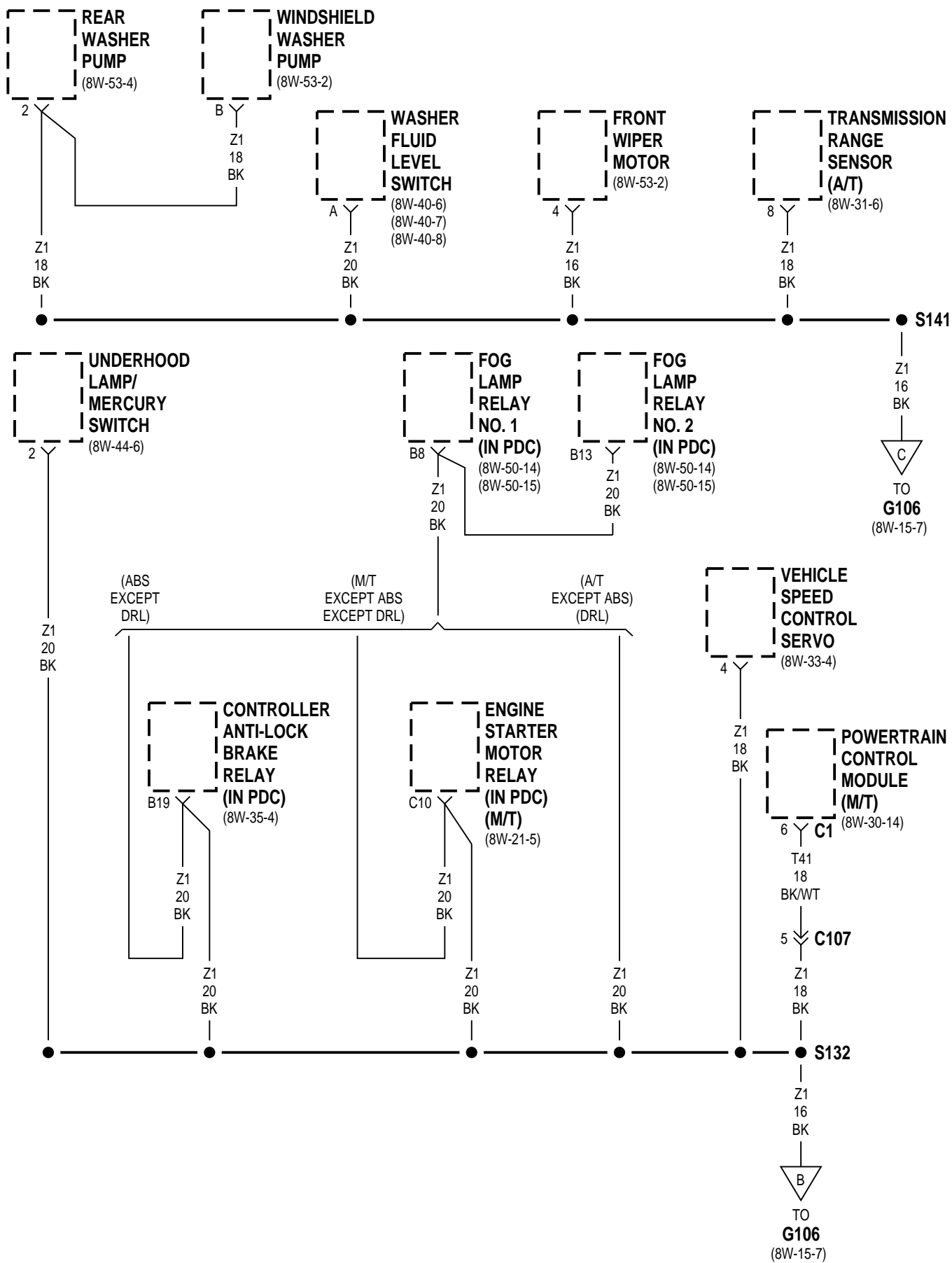
**XJ** **8W-15 GROUND DISTRIBUTION** **8W - 15 - 3**  
**DIESEL**



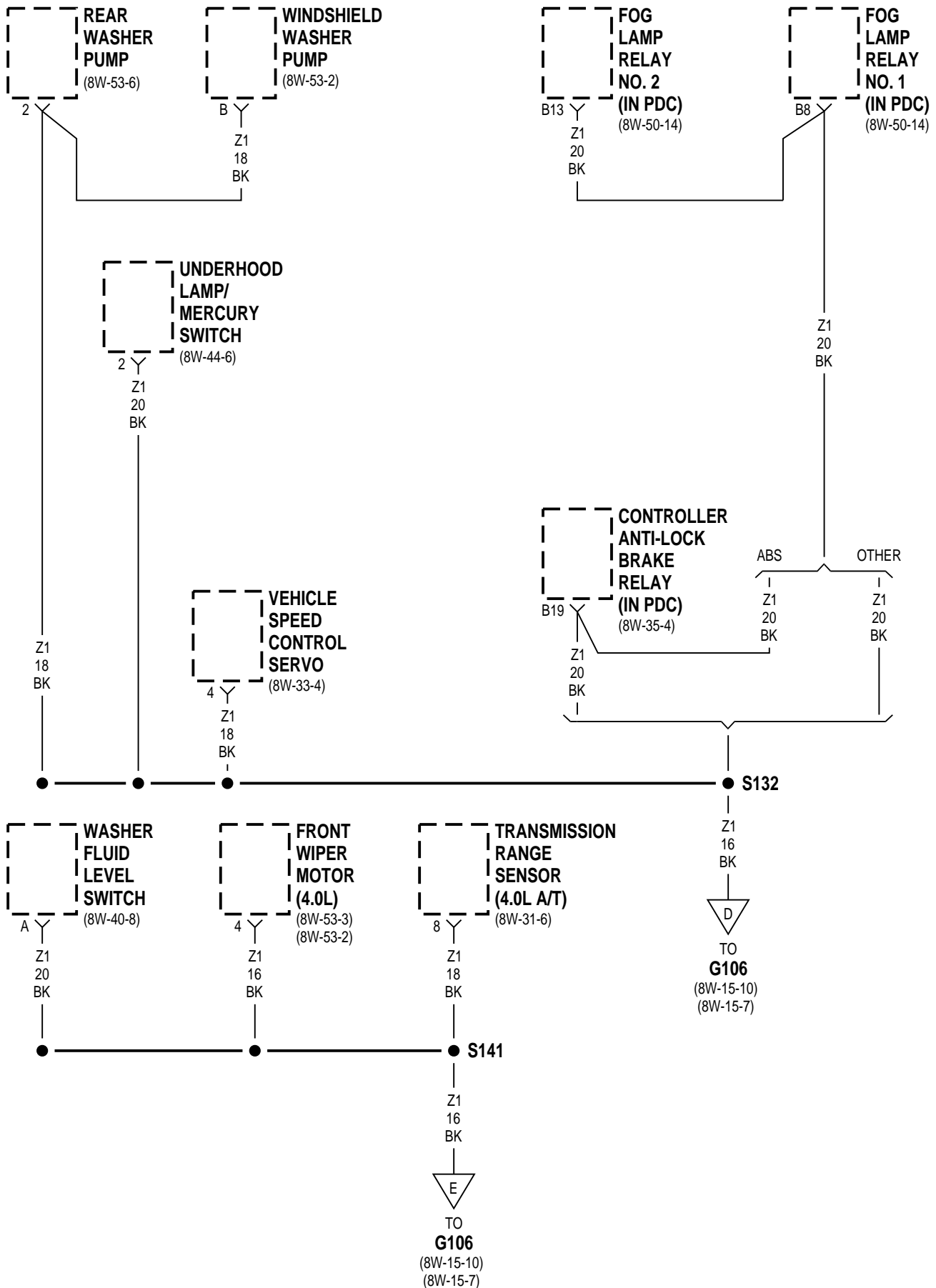
LHD 2.5L GAS



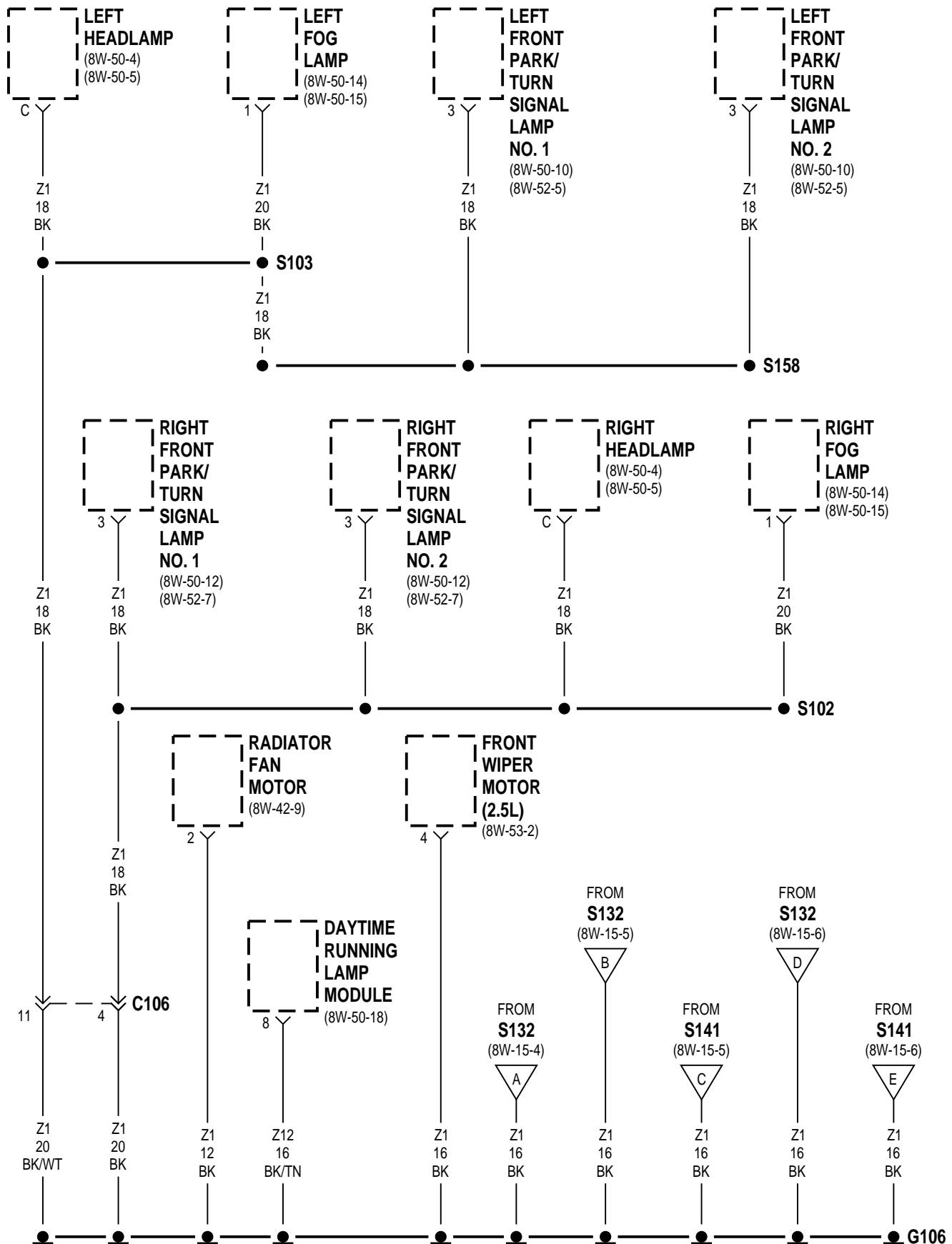
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**LHD 4.0L EXCEPT BUILT-UP-EXPORT**

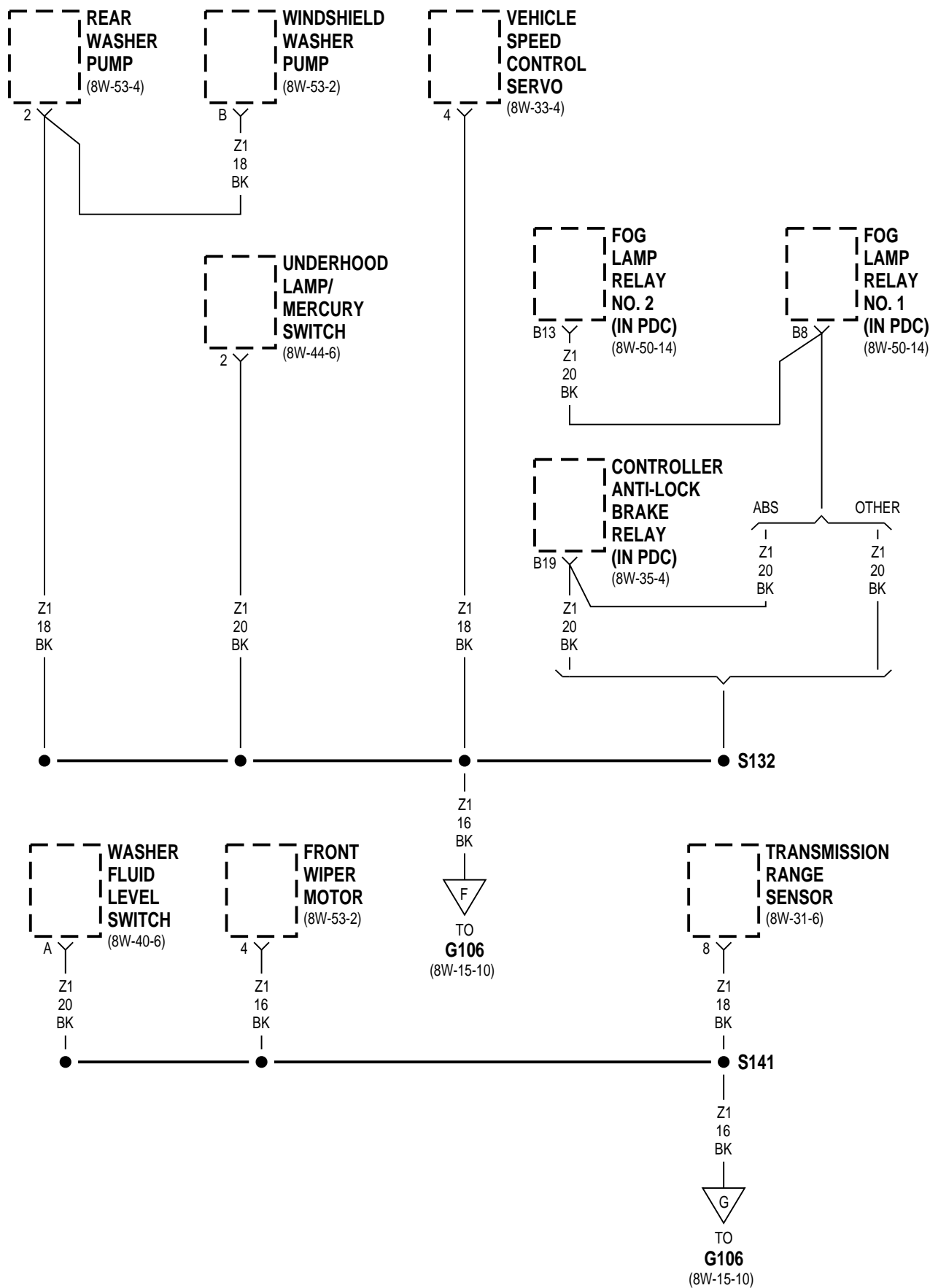


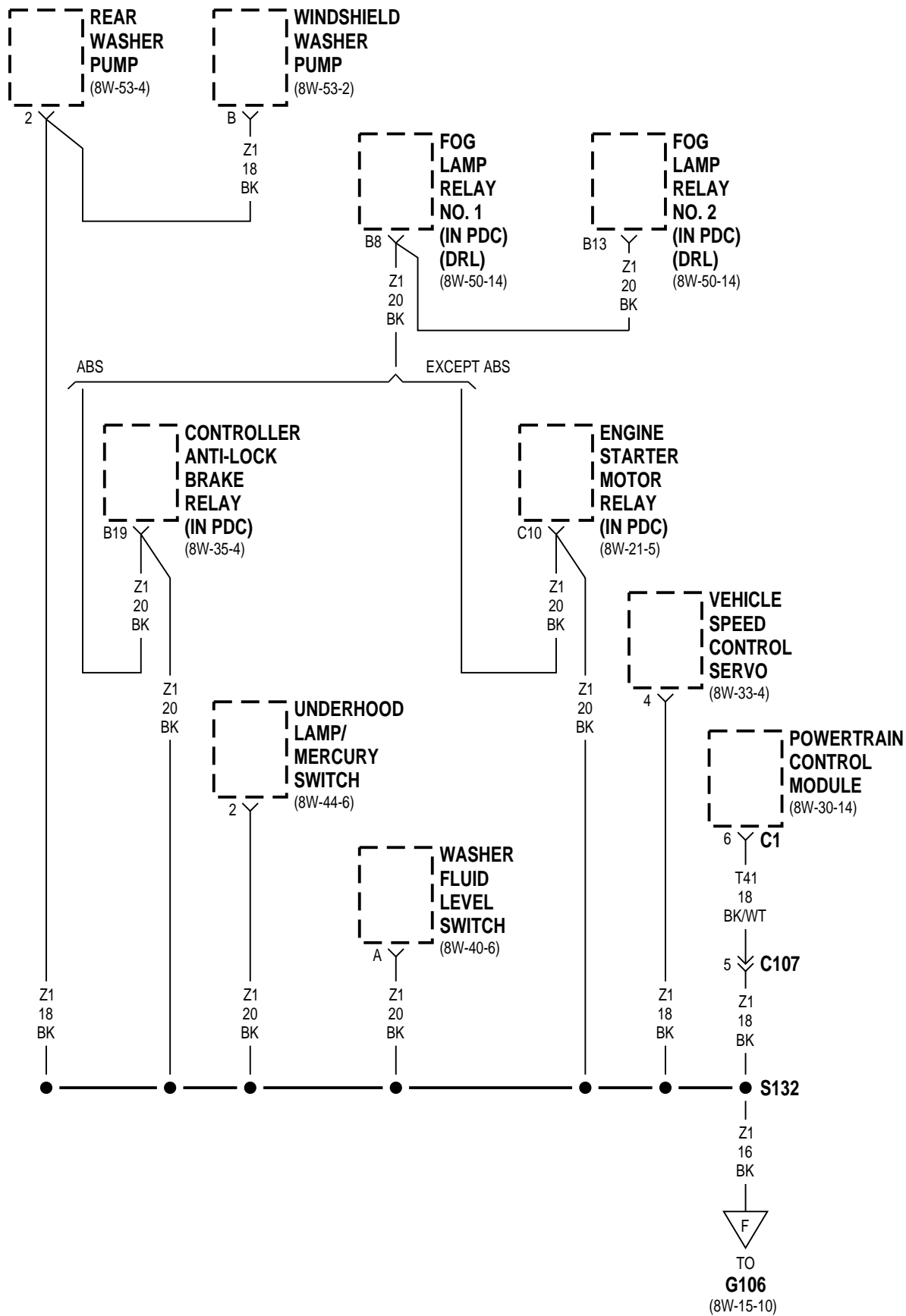
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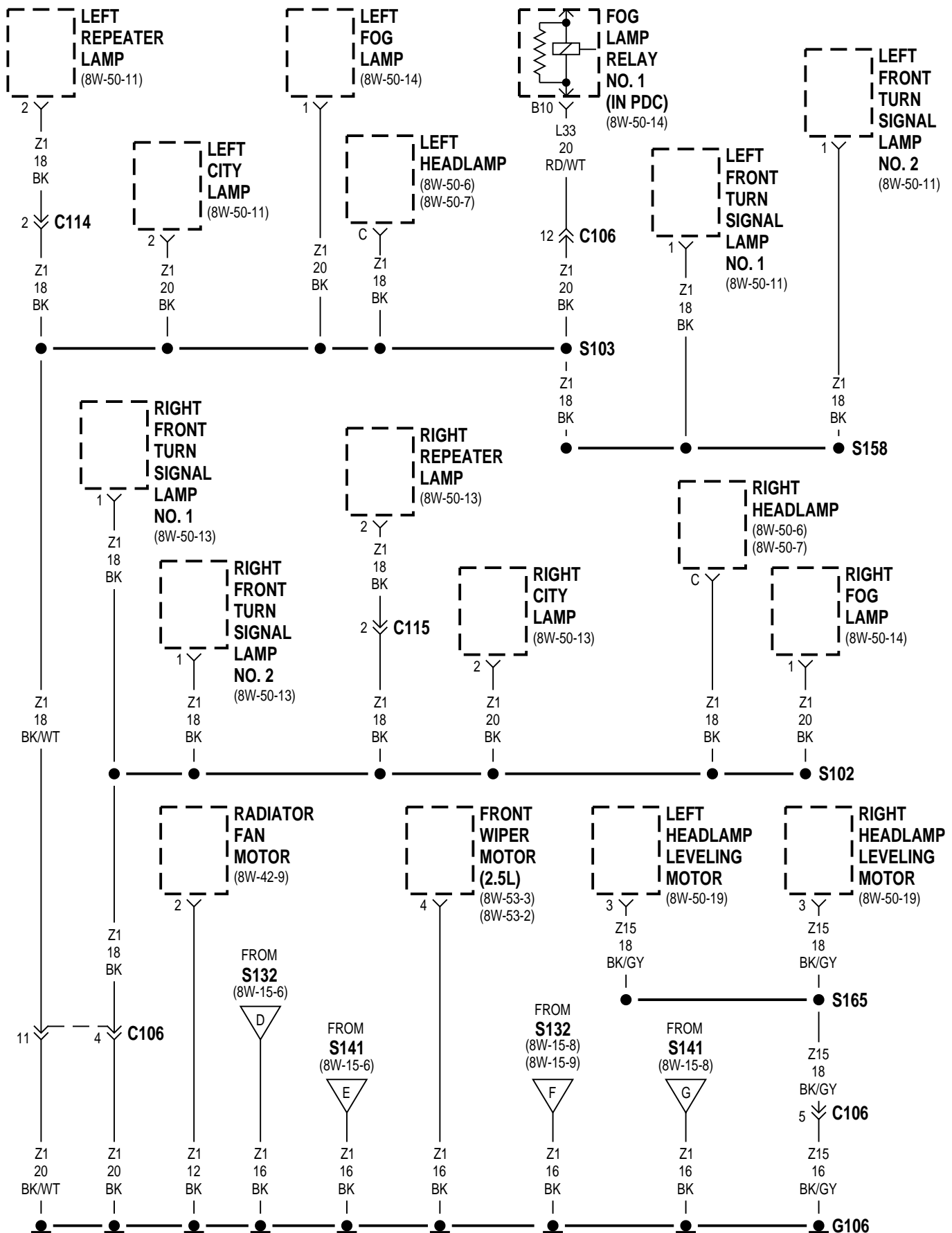


**XJ** **8W-15 GROUND DISTRIBUTION** **8W - 15 - 7**  
**EXCEPT BUILT-UP-EXPORT**

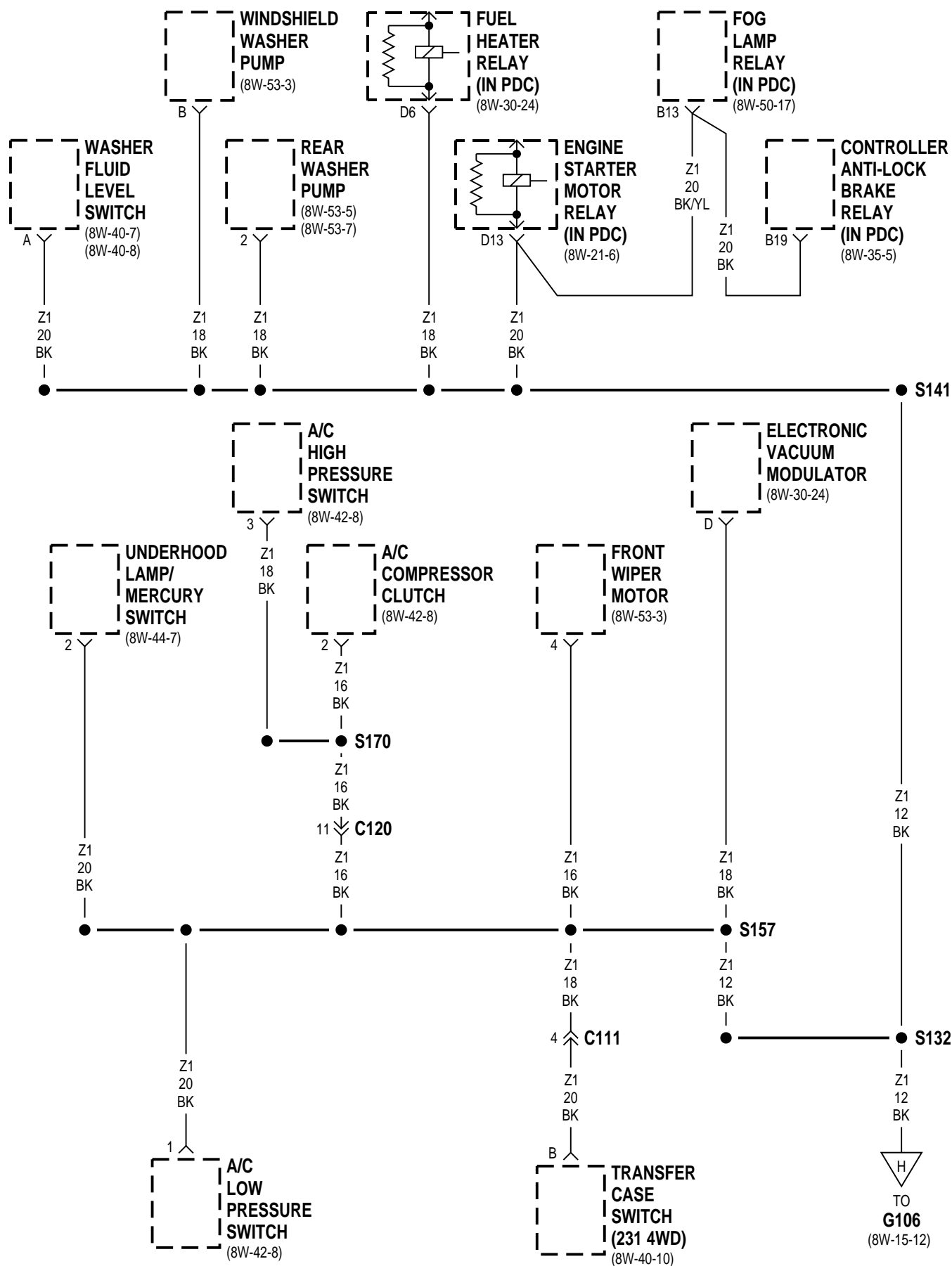




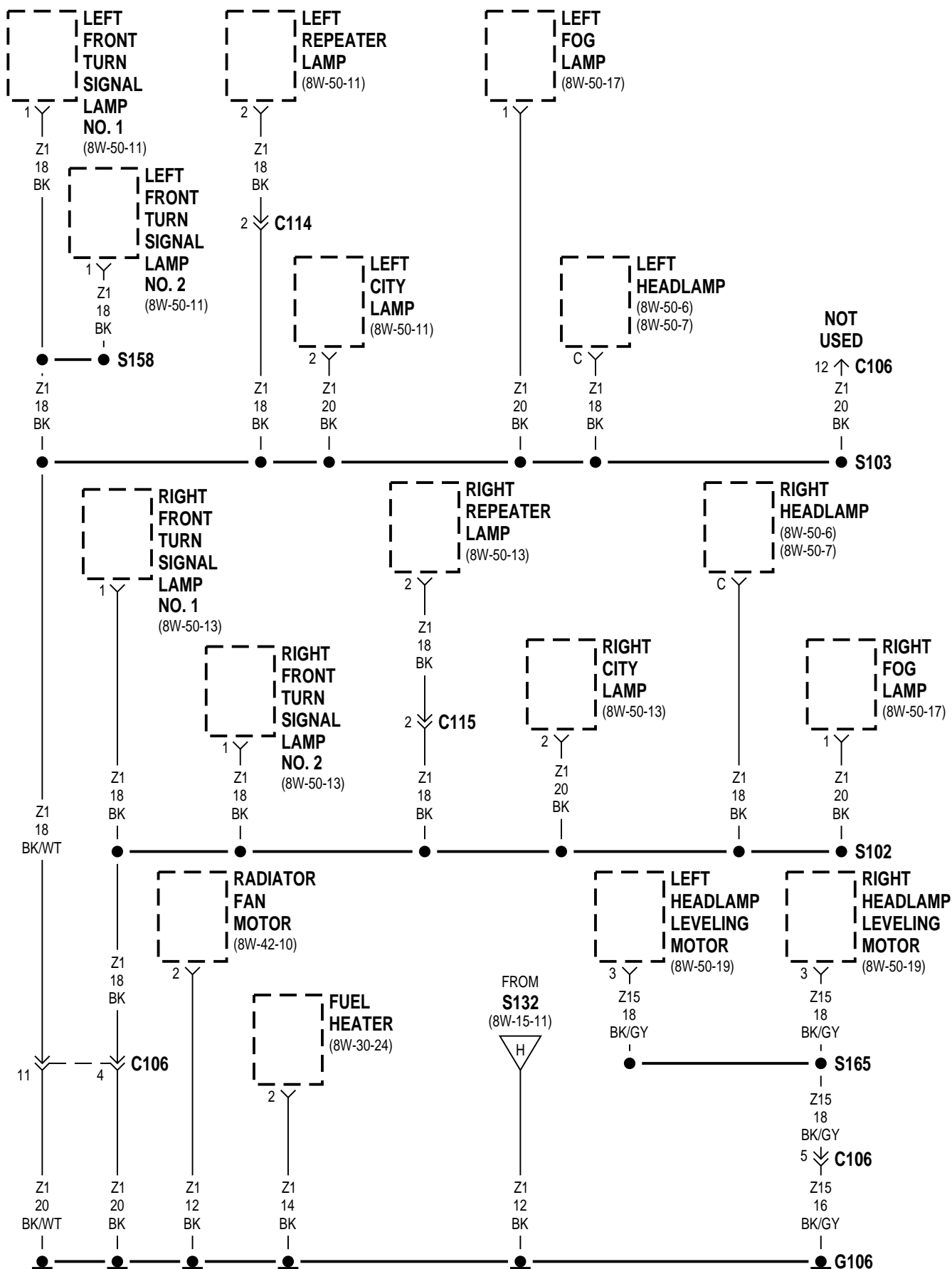


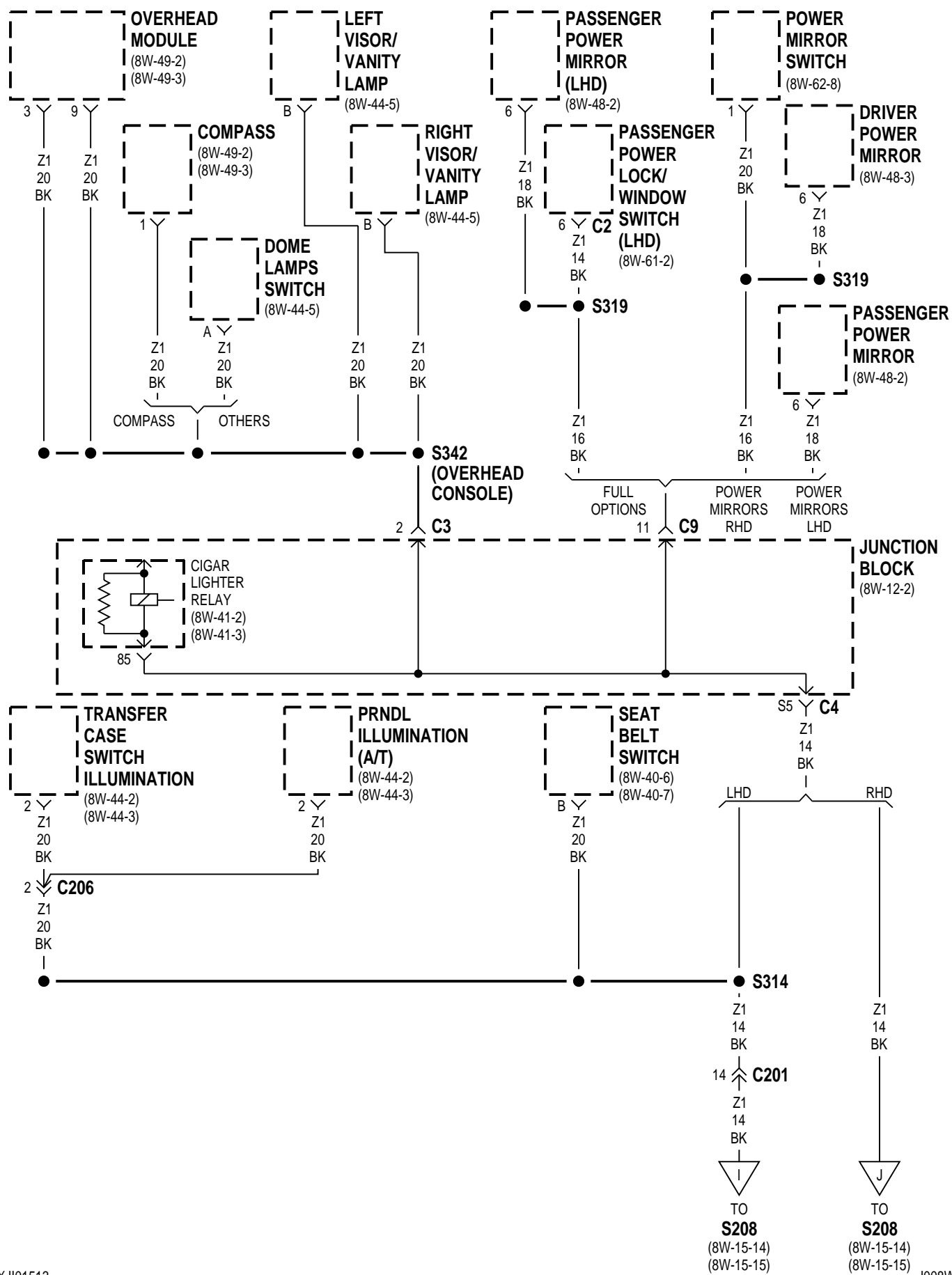


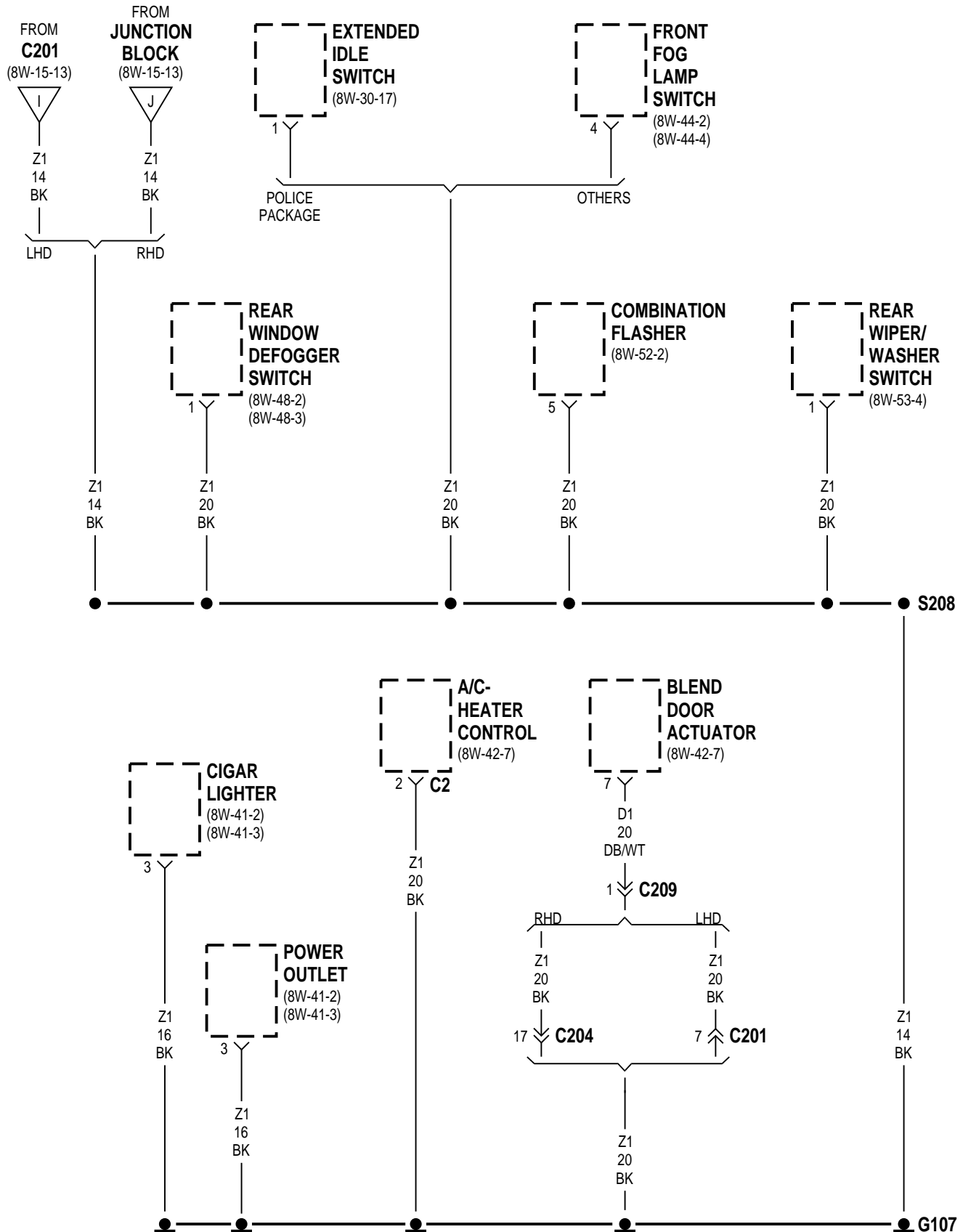


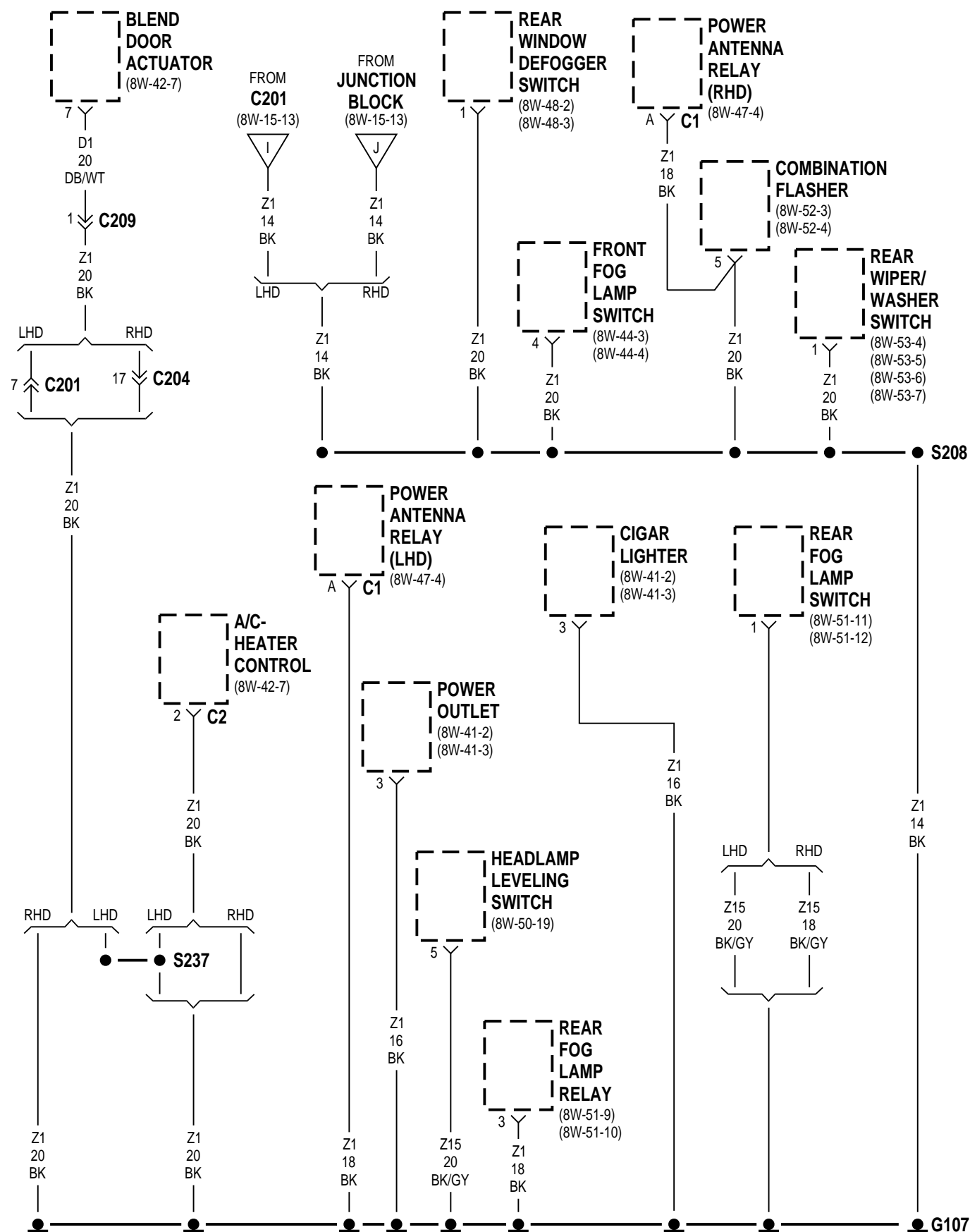


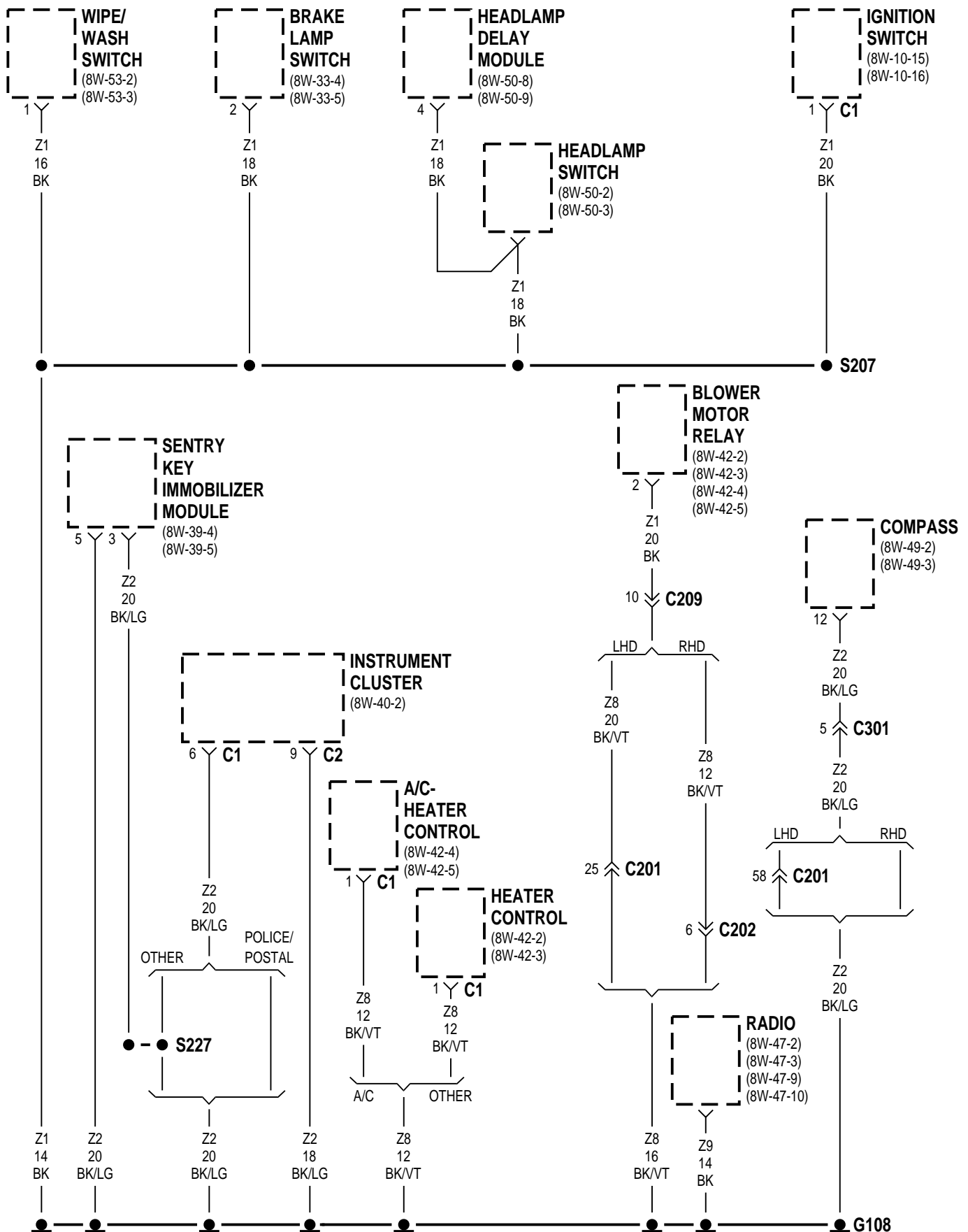
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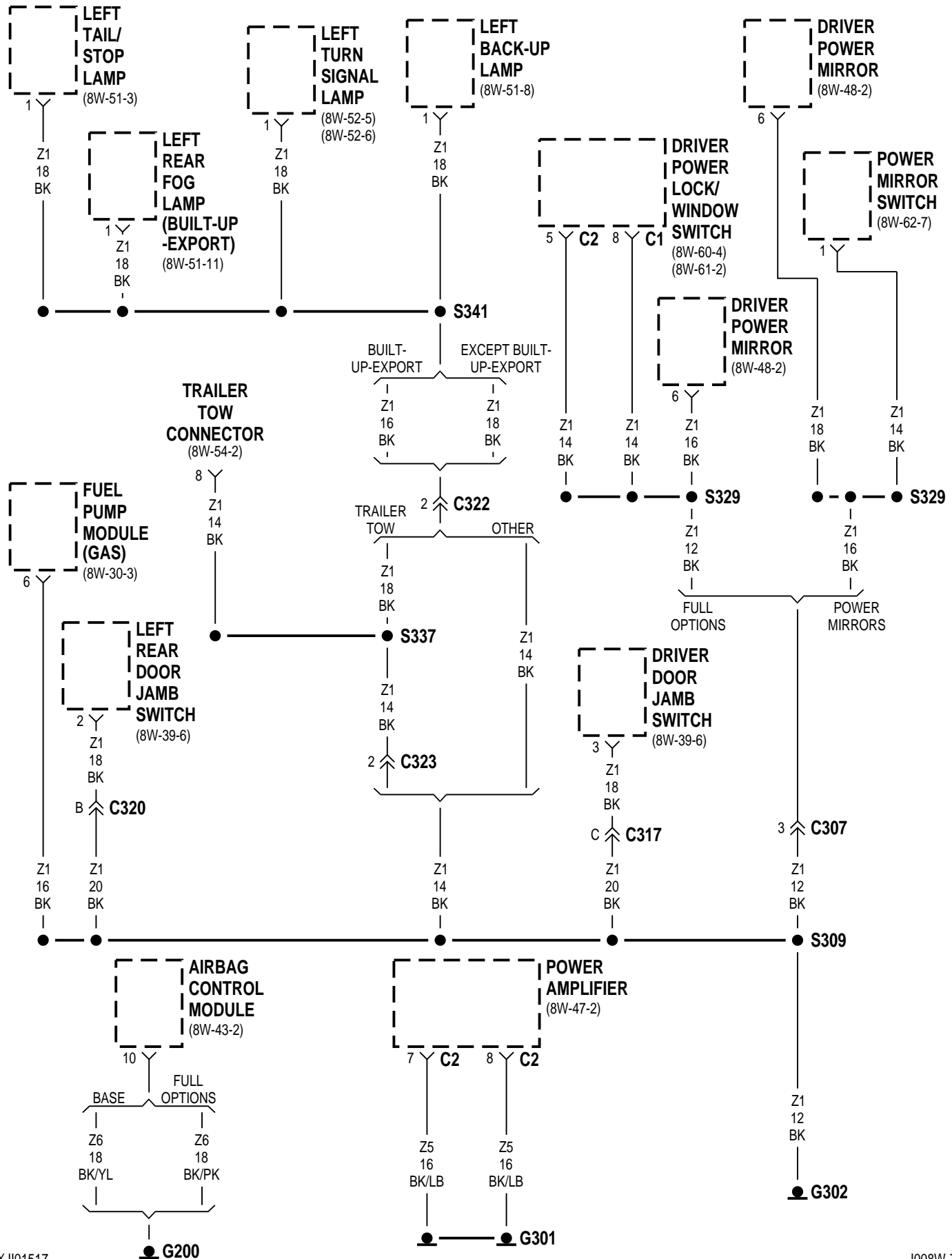




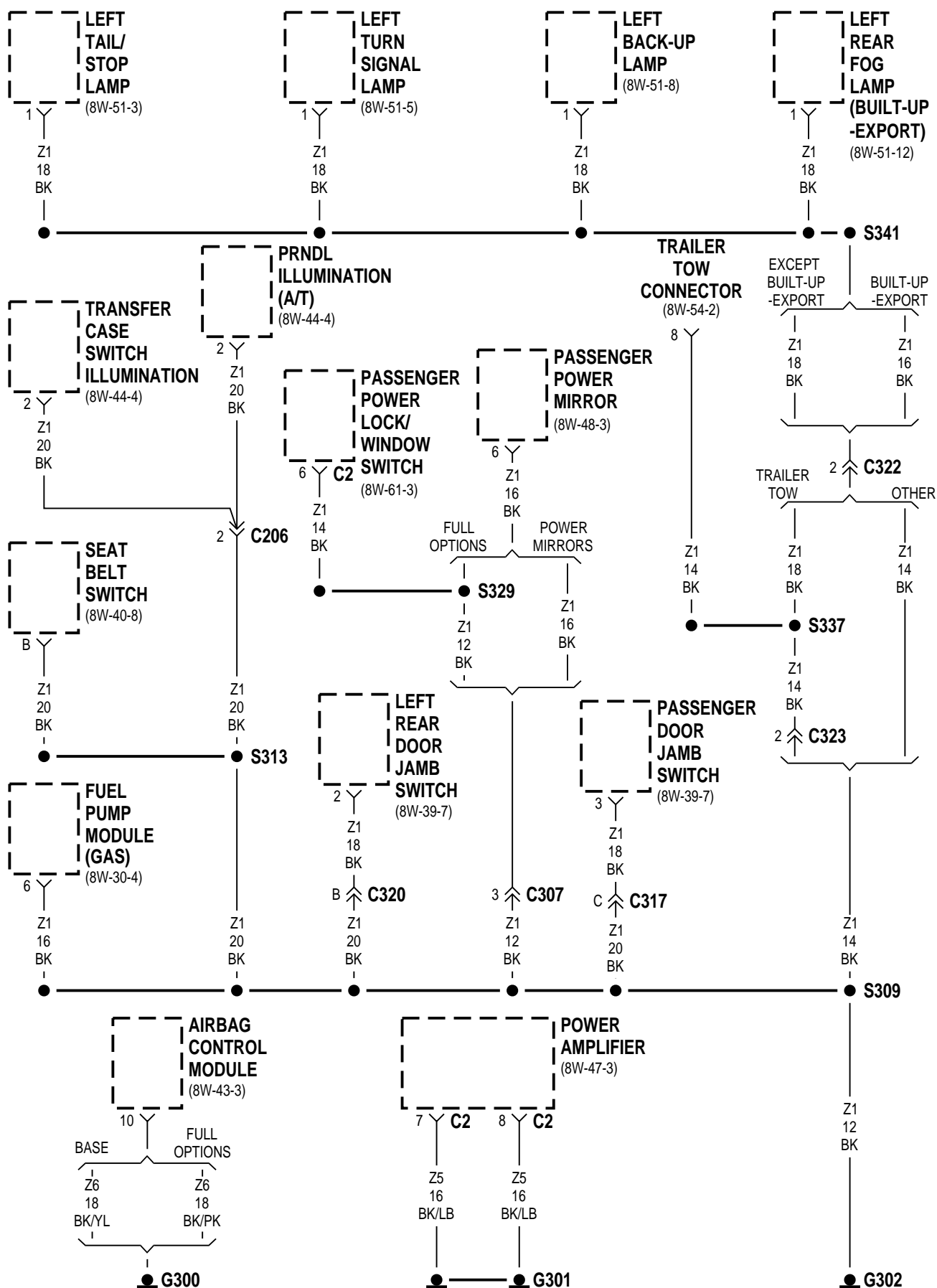




LHD

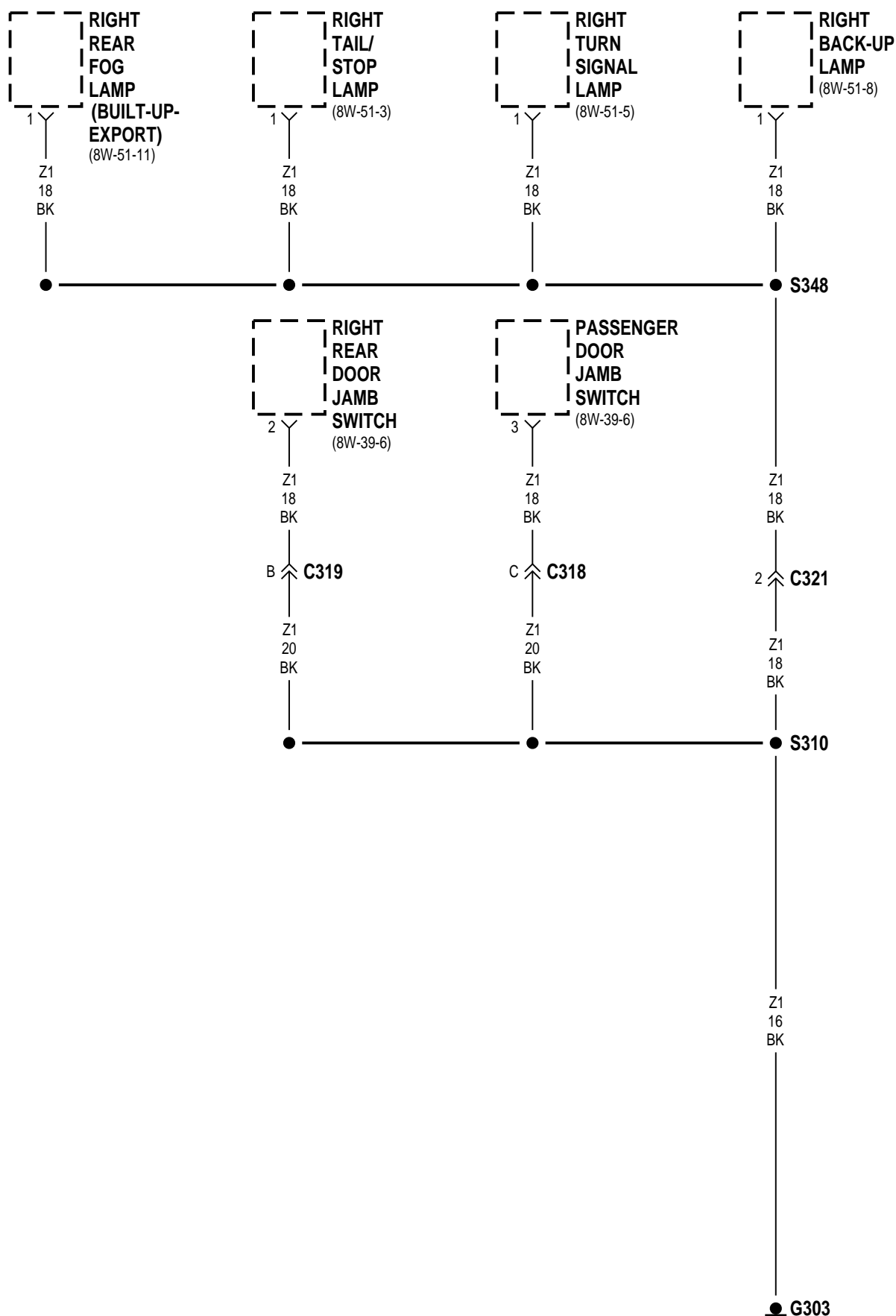


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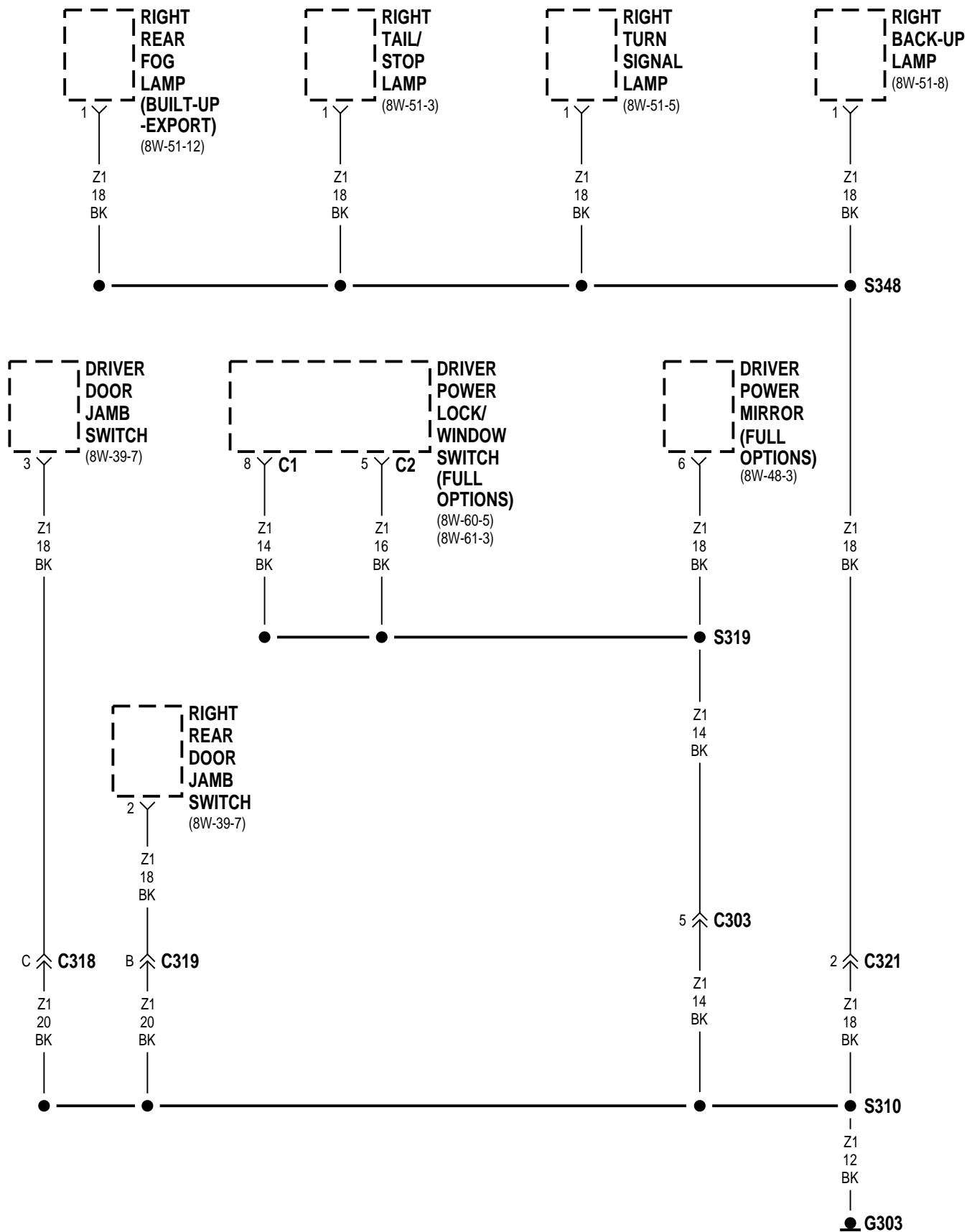


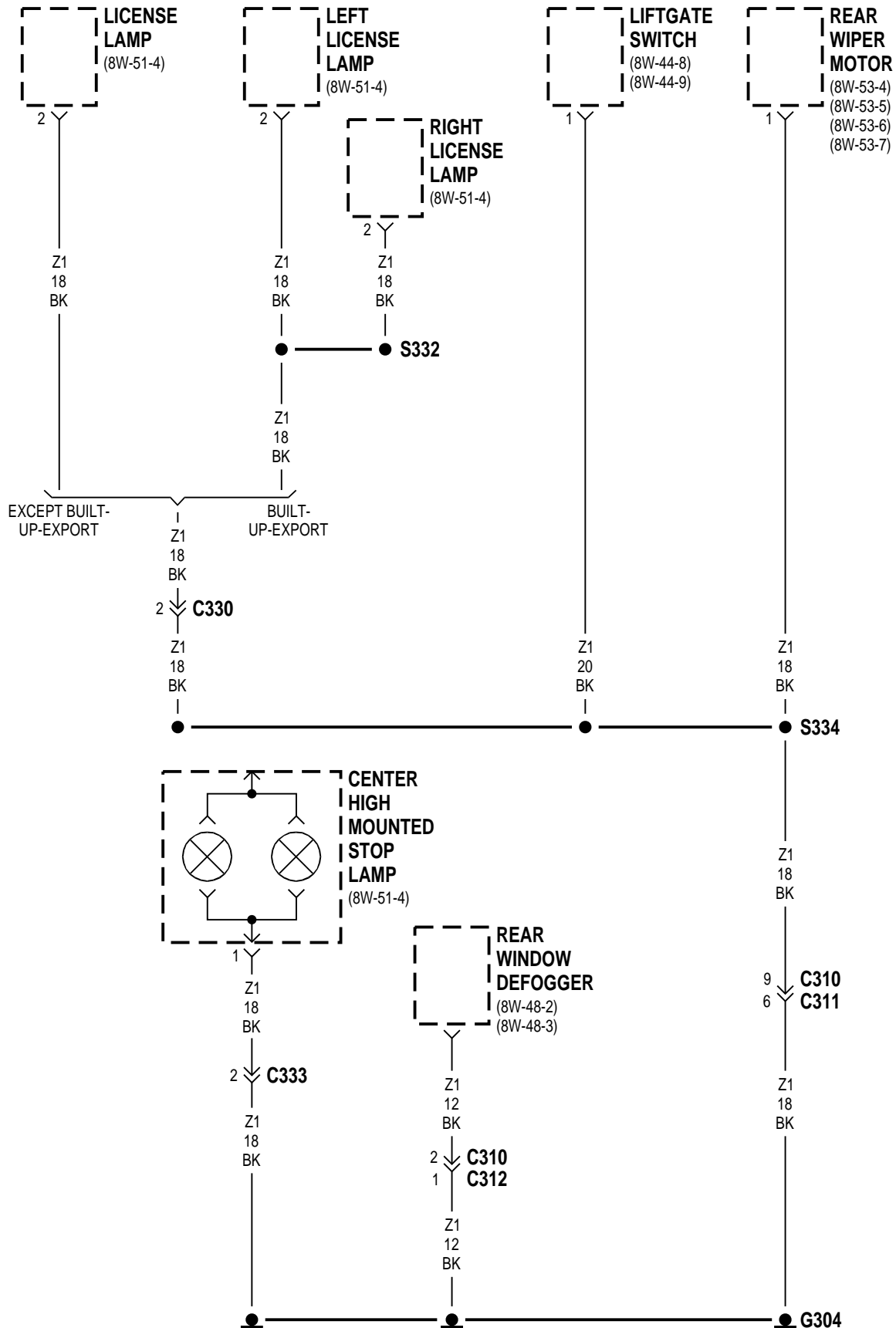


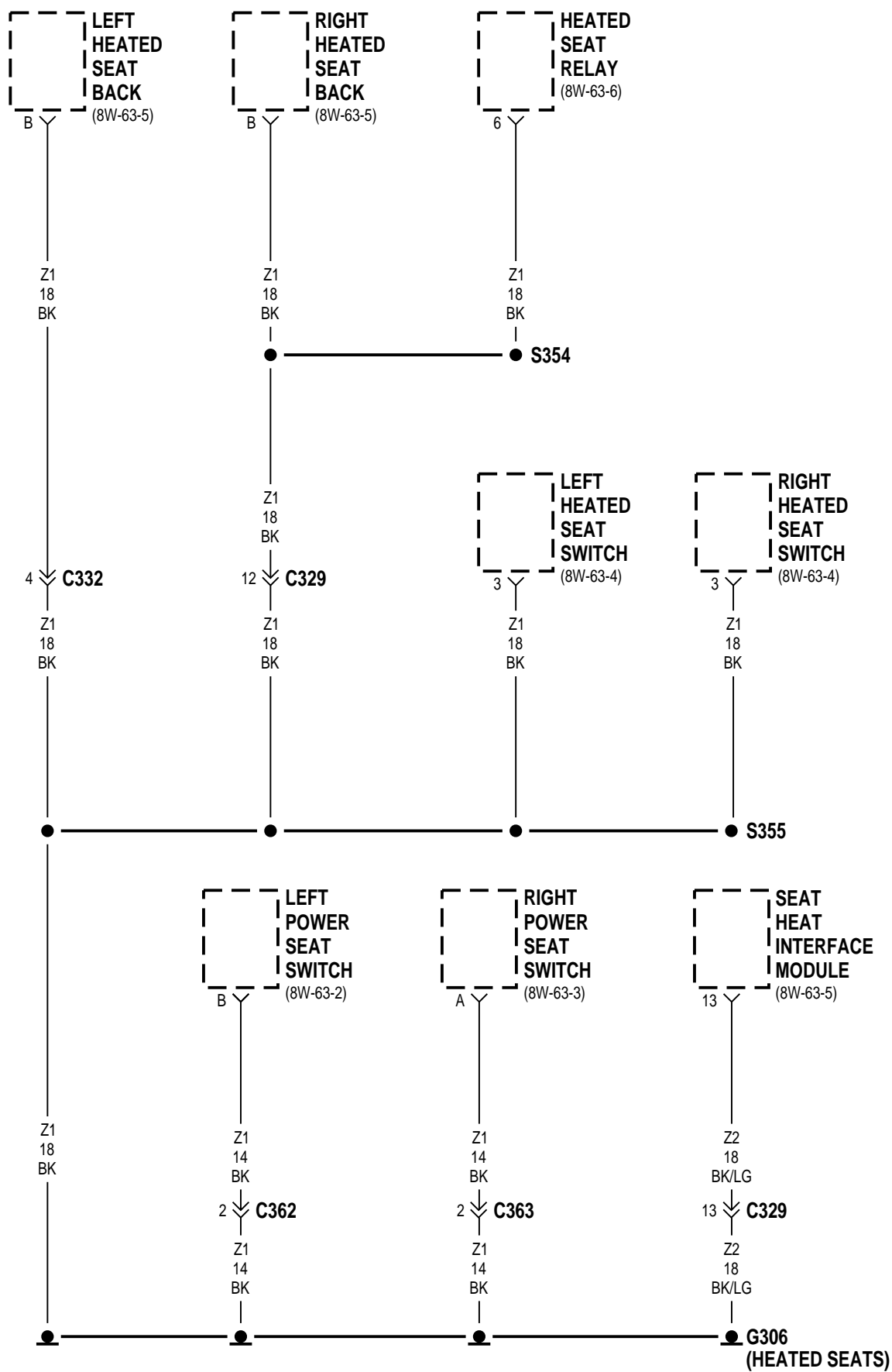
**XJ** **8W-15 GROUND DISTRIBUTION** **8W - 15 - 19**  
**LHD**



## RHD



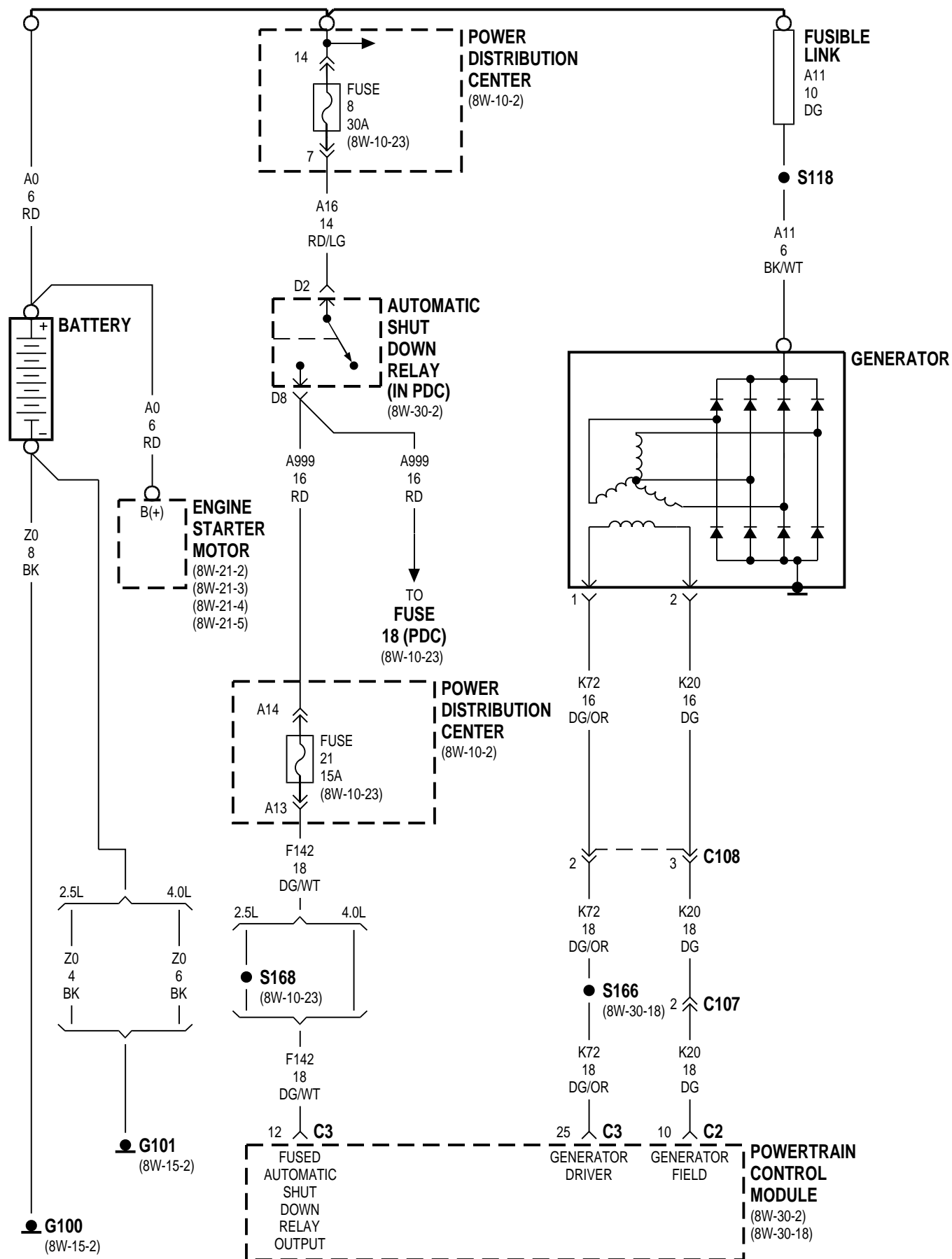


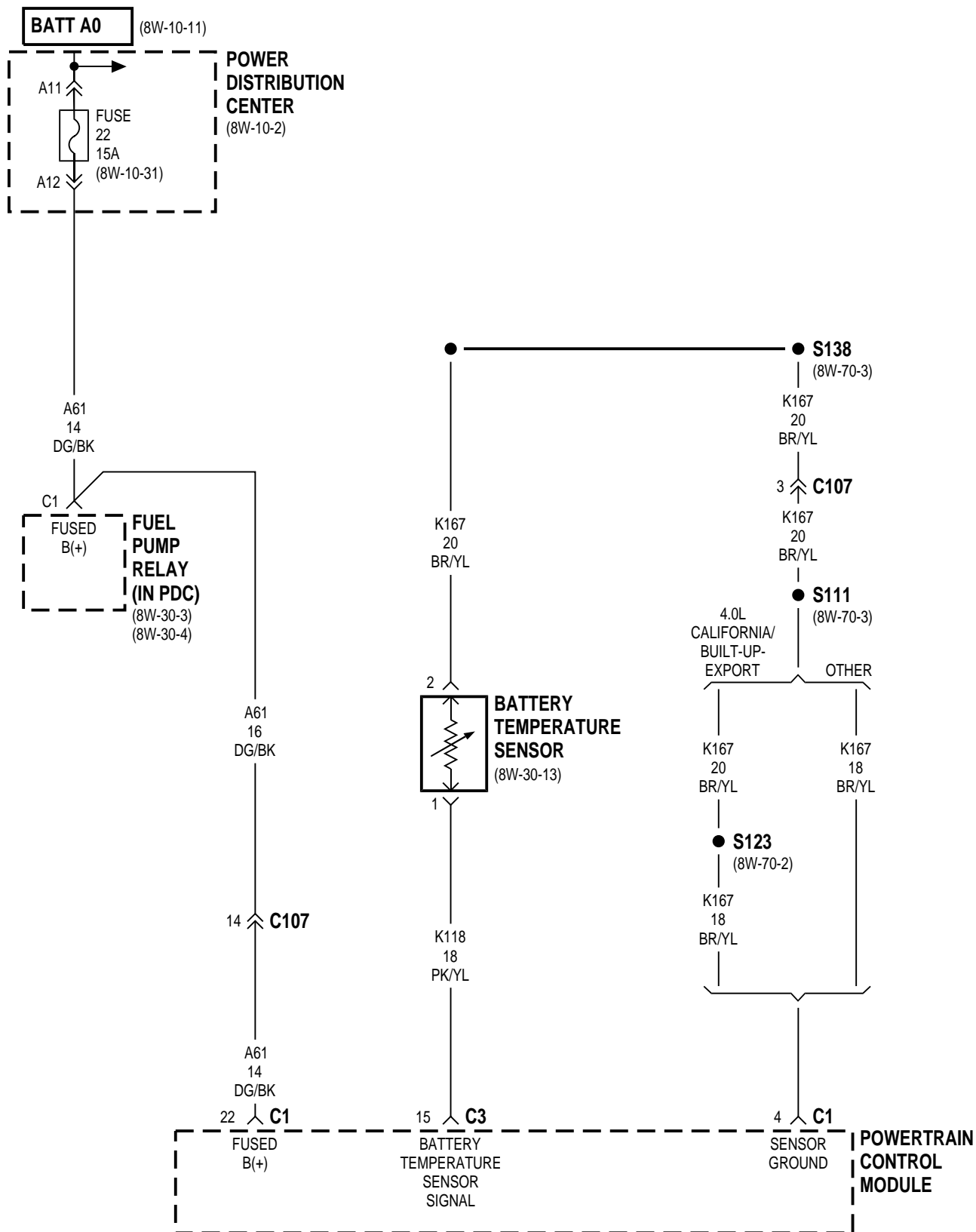


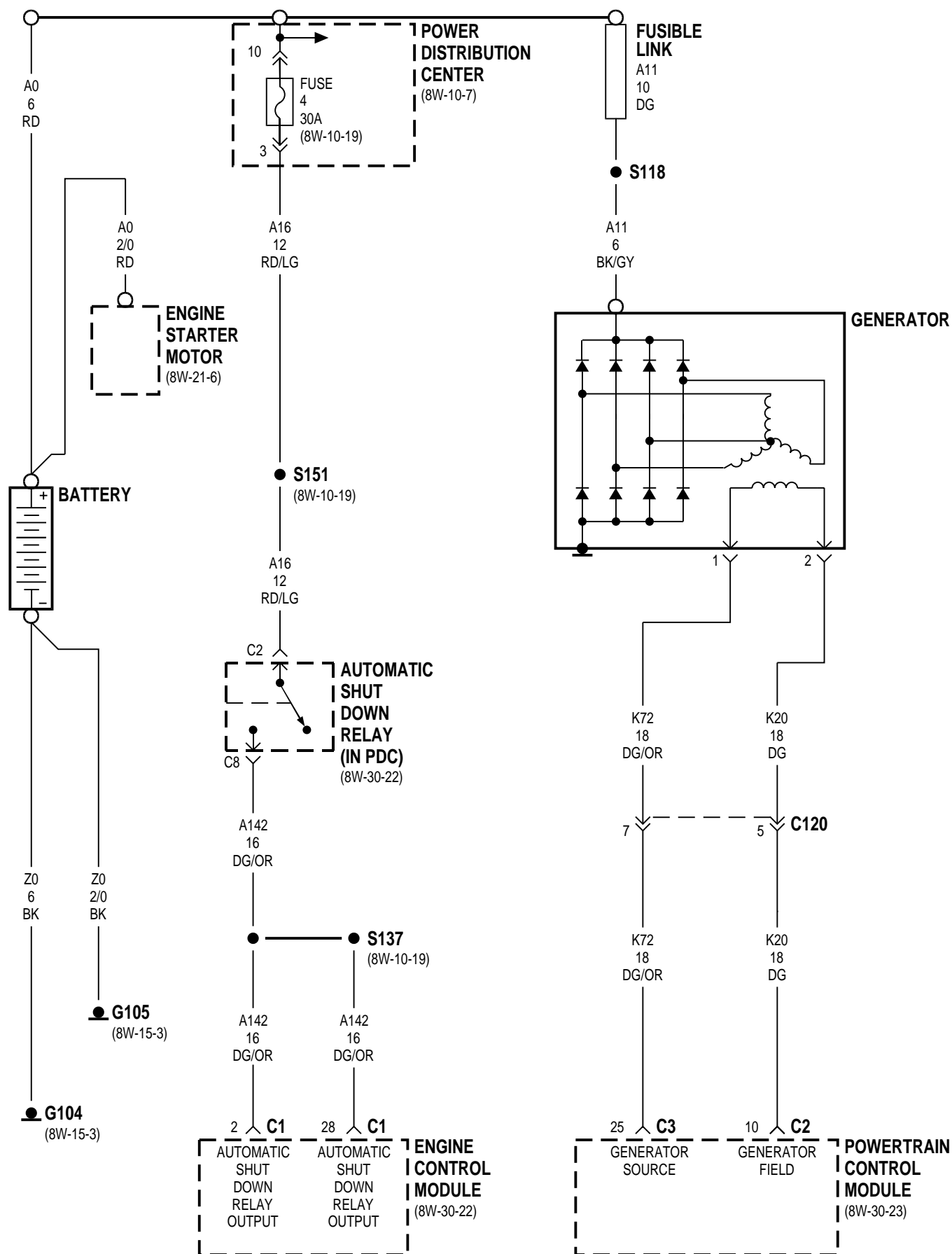
## 8W-20 CHARGING SYSTEM

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Automatic Shut Down Relay . . . . .	8W-20-2, 4	Fuse 22 (PDC) . . . . .	8W-20-3
Battery . . . . .	8W-20-2, 4	Fuse 24 (PDC) . . . . .	8W-20-5
Battery Temperature Sensor . . . . .	8W-20-3, 5	Fusible Link . . . . .	8W-20-2, 4
Engine Control Module . . . . .	8W-20-4	G100 . . . . .	8W-20-2
Engine Starter Motor . . . . .	8W-20-2, 4	G101 . . . . .	8W-20-2
Fuel Pump Relay . . . . .	8W-20-3	G104 . . . . .	8W-20-4
Fuse 4 (PDC) . . . . .	8W-20-4	G105 . . . . .	8W-20-4
Fuse 8 (PDC) . . . . .	8W-20-2	Generator . . . . .	8W-20-2, 4
Fuse 18 (PDC) . . . . .	8W-20-2	Power Distribution Center . . . . .	8W-20-2, 3, 4, 5
Fuse 21 (PDC) . . . . .	8W-20-2	Powertrain Control Module . . . . .	8W-20-2, 3, 4, 5

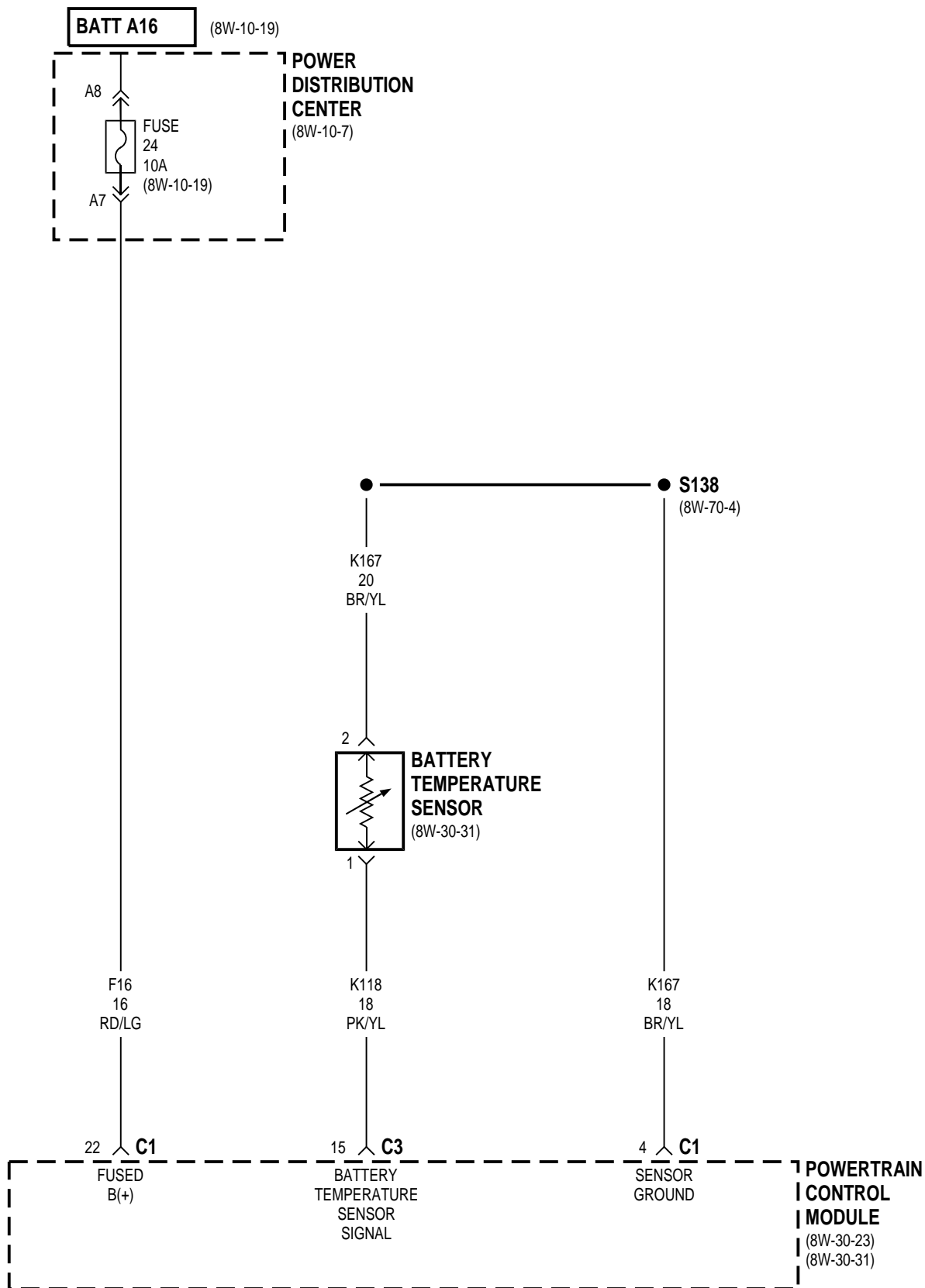
## GAS







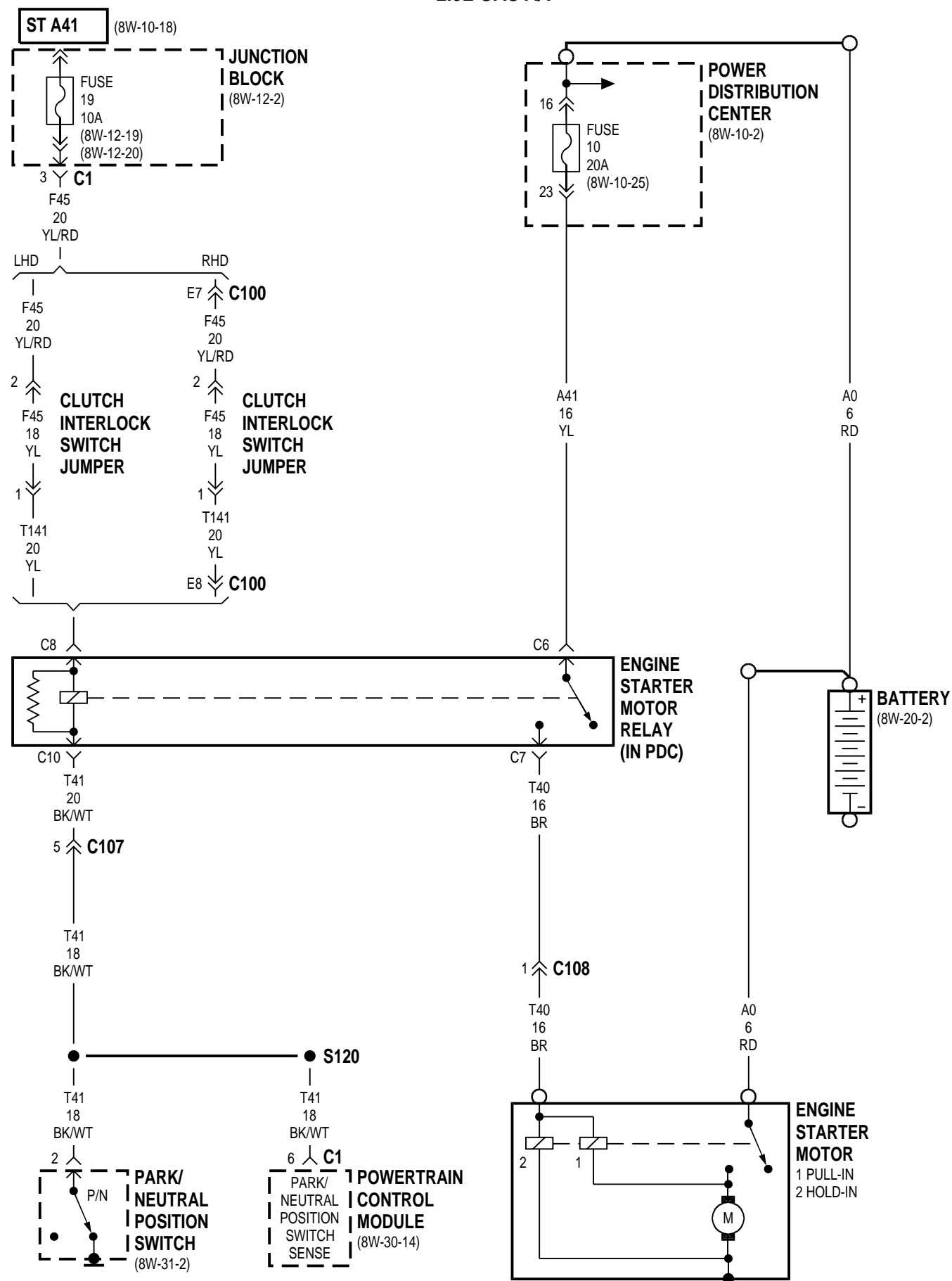


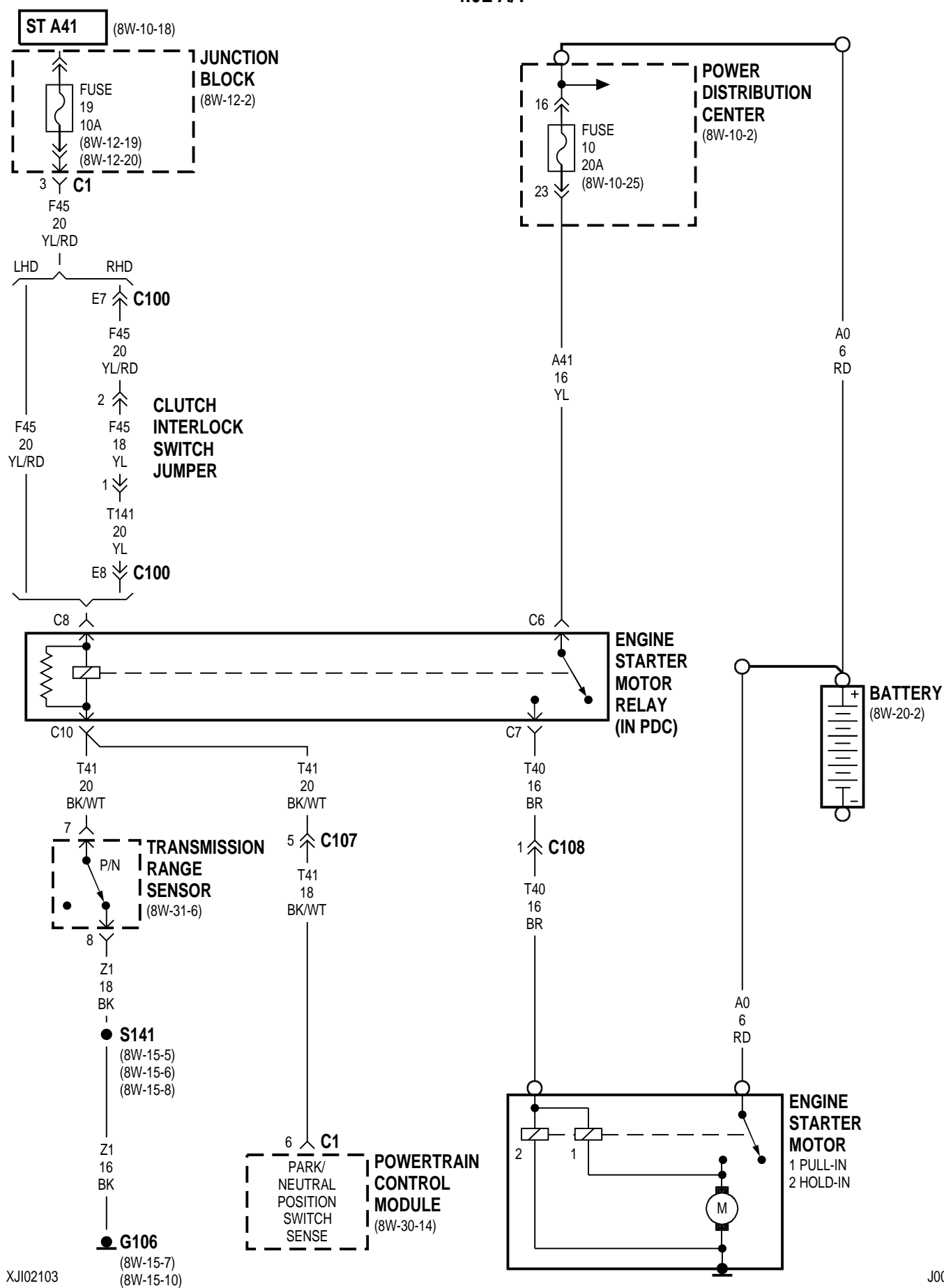


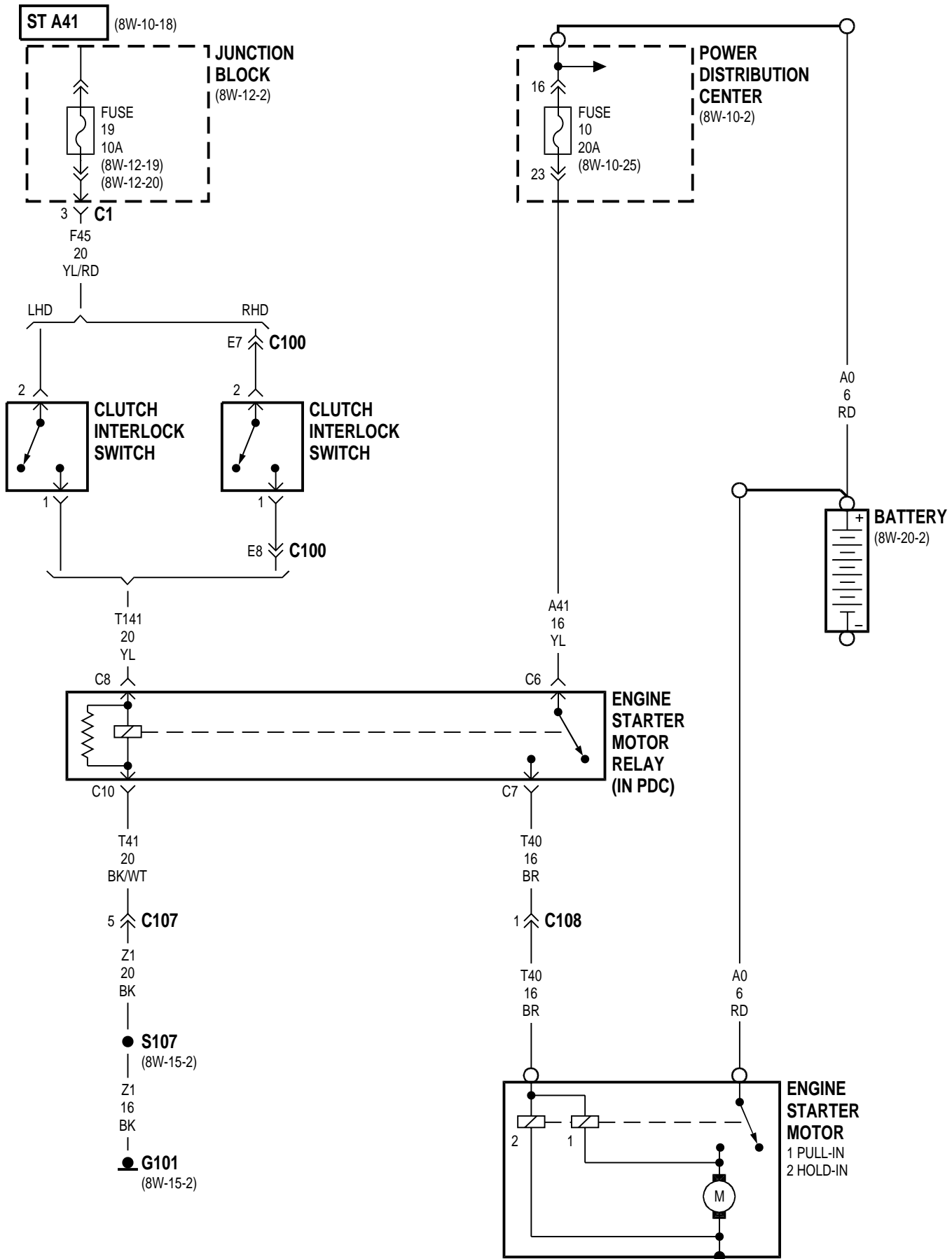


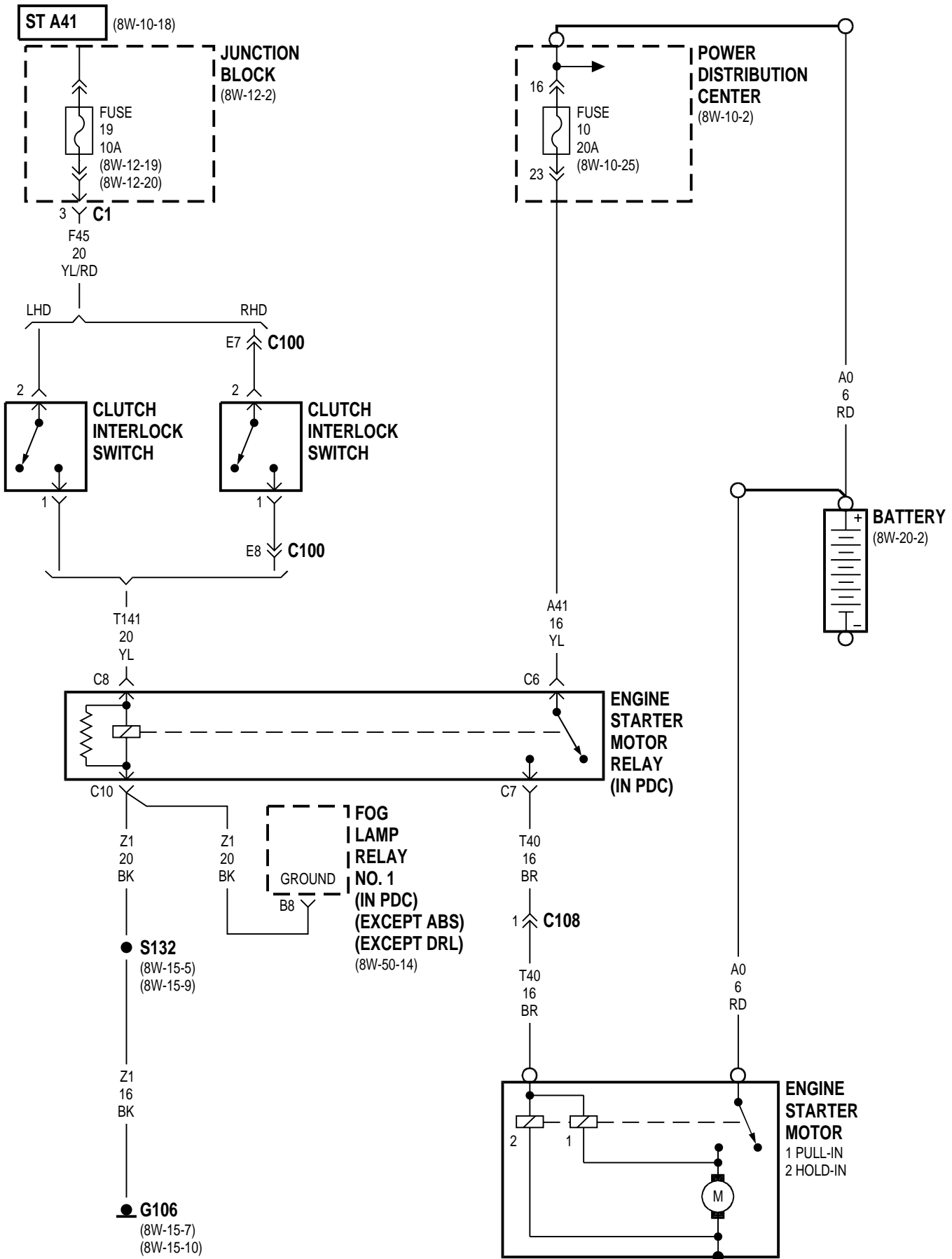
## 8W-21 STARTING SYSTEM

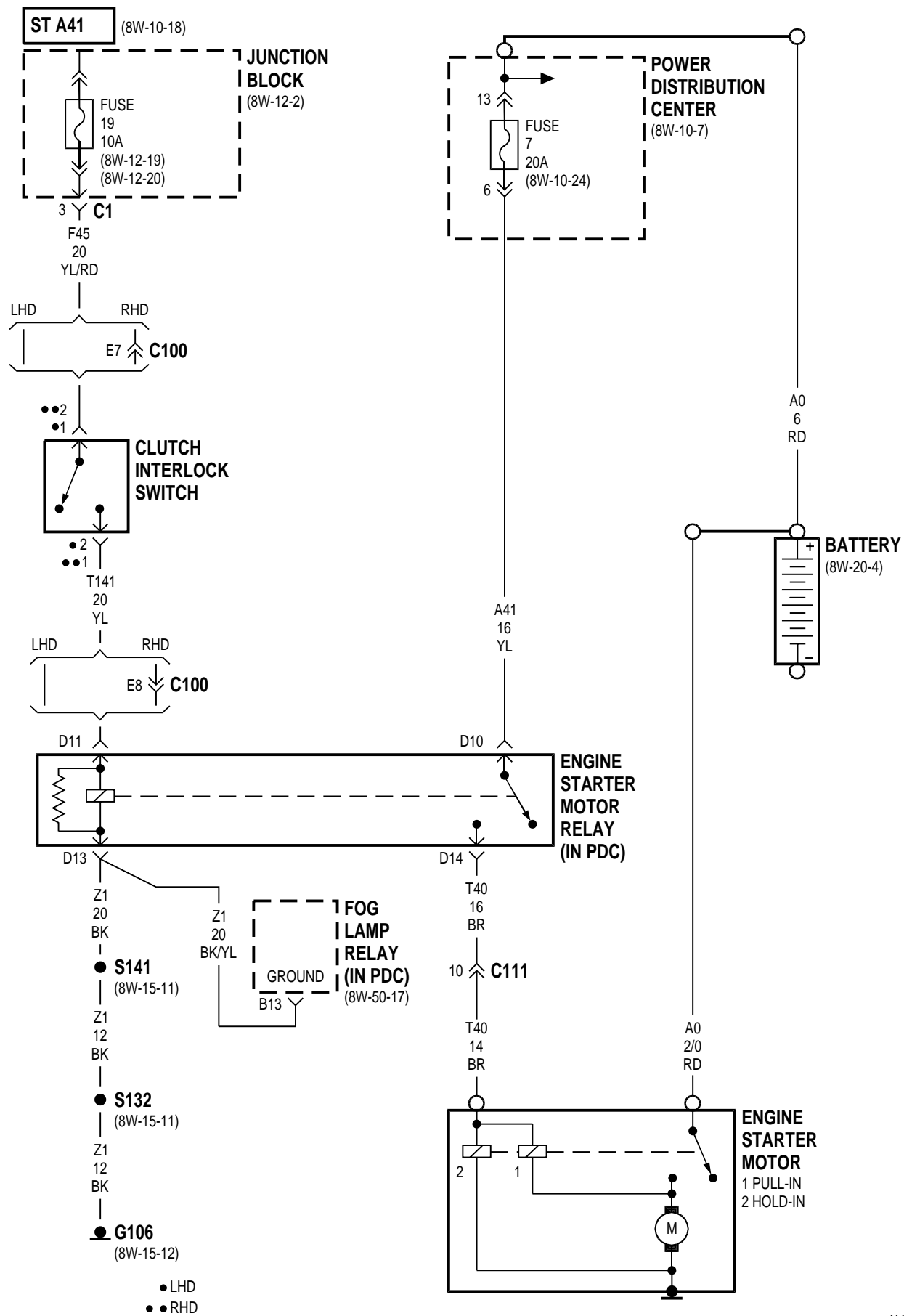
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Battery . . . . .	8W-21-2, 3, 4, 5, 6	Fuse 19 (JB) . . . . .	8W-21-2, 3, 4, 5, 6
Clutch Interlock Switch . . . . .	8W-21-4, 5, 6	G101 . . . . .	8W-21-4
Clutch Interlock Switch Jumper . . . . .	8W-21-2, 3	G106 . . . . .	8W-21-3, 5, 6
Engine Starter Motor . . . . .	8W-21-2, 3, 4, 5, 6	Junction Block . . . . .	8W-21-2, 3, 4, 5, 6
Engine Starter Motor Relay . . . . .	8W-21-2, 3, 4, 5, 6	Park/Neutral Position Switch . . . . .	8W-21-2
Fog Lamp Relay . . . . .	8W-21-6	Power Distribution Center . . . . .	8W-21-2, 3, 4, 5, 6
Fog Lamp Relay No. 1 . . . . .	8W-21-5	Powertrain Control Module . . . . .	8W-21-2, 3
Fuse 7 (PDC) . . . . .	8W-21-6	Transmission Range Sensor . . . . .	8W-21-3
Fuse 10 (PDC) . . . . .	8W-21-2, 3, 4, 5		









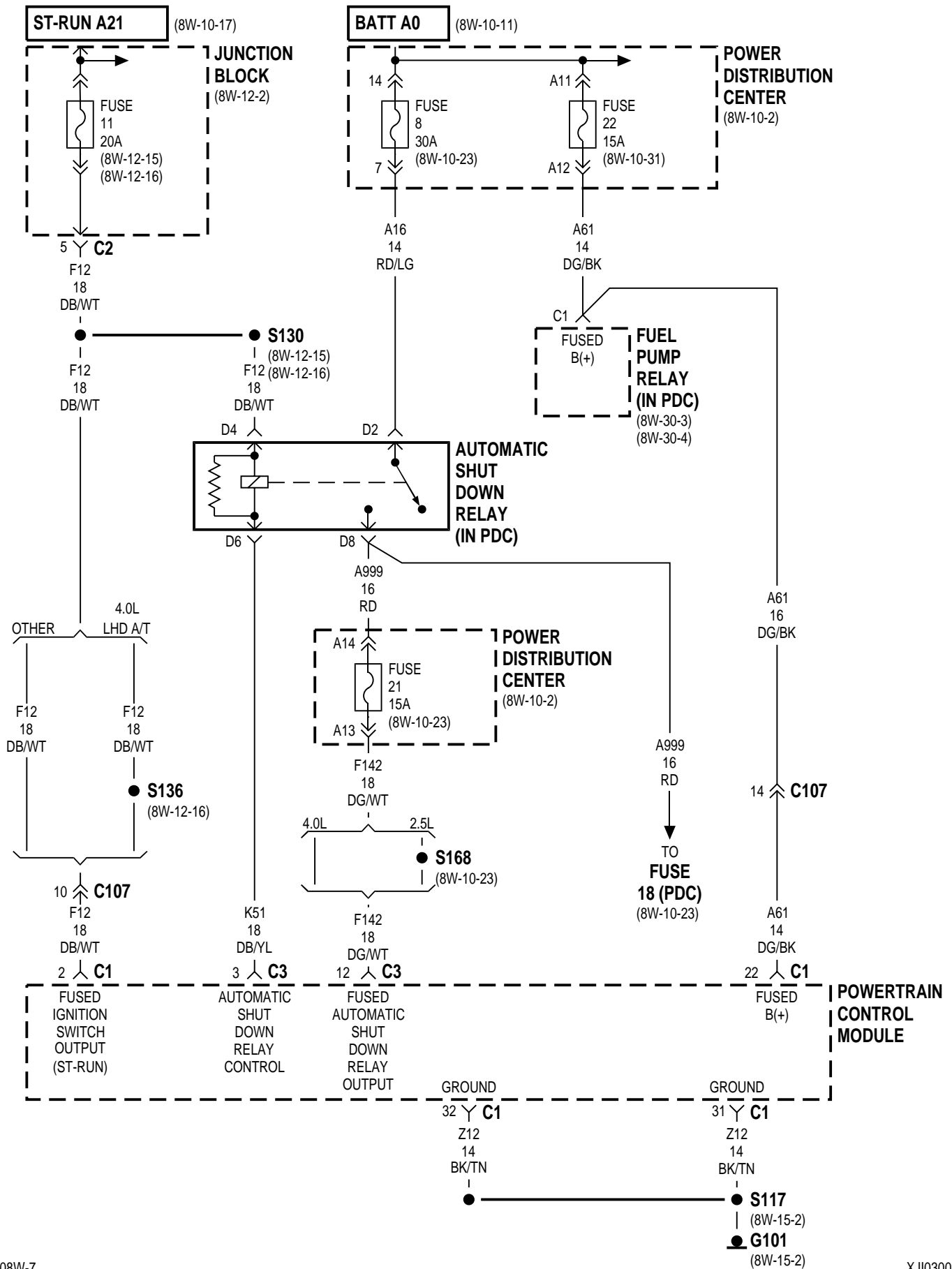




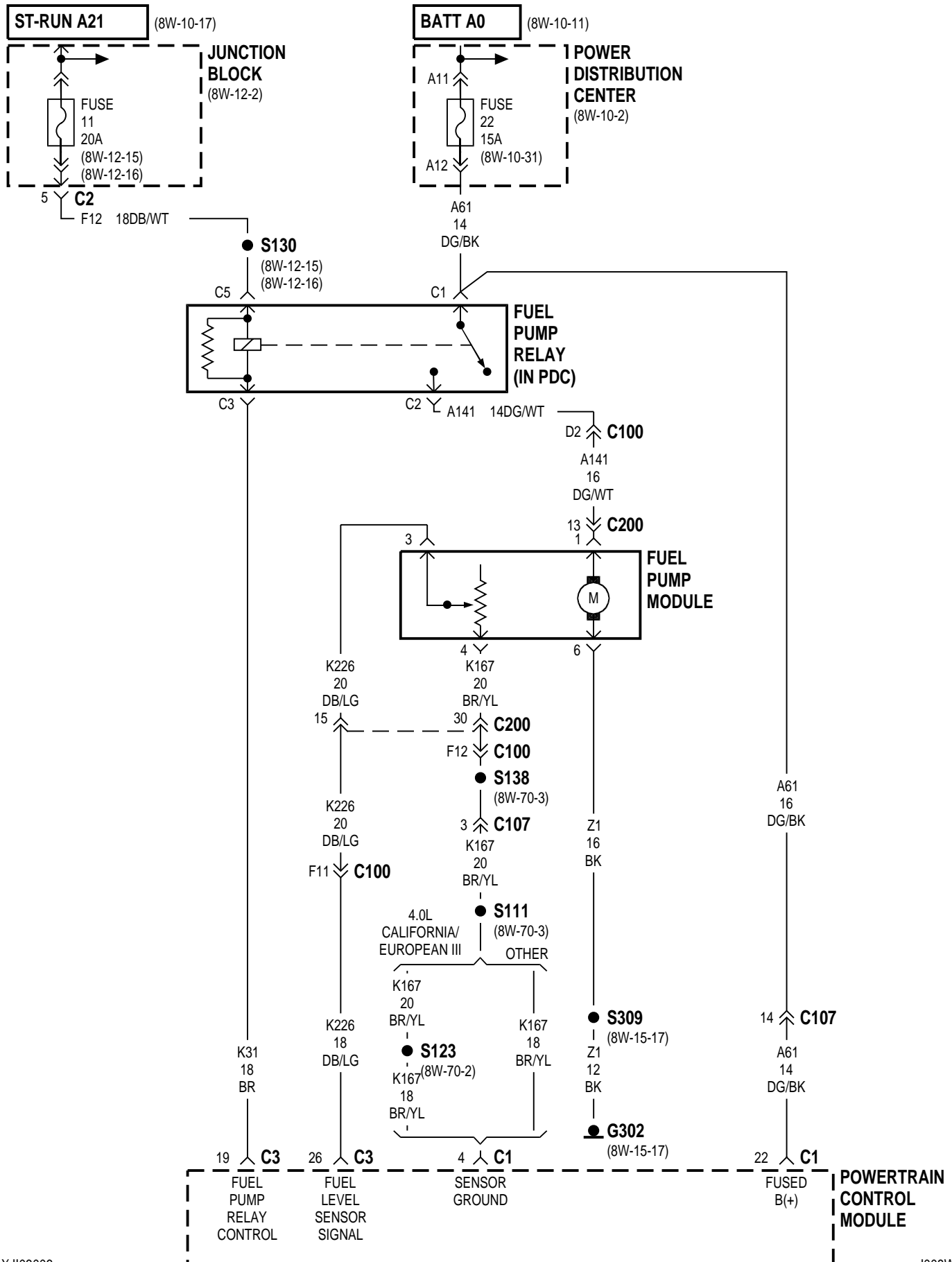
## 8W-30 FUEL/IGNITION SYSTEM

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Compressor Clutch Relay . . . . .	8W-30-9, 18, 22, 27	G102 . . . . .	8W-30-19, 22, 23, 34
A/C High Pressure Switch . . . . .	8W-30-18, 30	G106 . . . . .	8W-30-14
A/C Low Pressure Switch . . . . .	8W-30-18	G107 . . . . .	8W-30-17
A/C- Heater Control . . . . .	8W-30-18, 30	G108 . . . . .	8W-30-16, 32
Accelerator Pedal Position Sensor . . . . .	8W-30-28	G123 . . . . .	8W-30-31
Airbag Control Module . . . . .	8W-30-20, 21	G154 . . . . .	8W-30-33
Automatic Shut Down		G302 . . . . .	8W-30-3, 4
Relay . . . . .	8W-30-2, 5, 6, 8, 22, 23, 25, 26, 27, 33	Generator . . . . .	8W-30-18, 23
Battery Temperature Sensor . . . . .	8W-30-13, 31	Glow Plug Assembly . . . . .	8W-30-25
Brake Lamp Switch . . . . .	8W-30-14, 16, 32	Glow Plug No. 1 . . . . .	8W-30-25
Camshaft Position Sensor . . . . .	8W-30-5	Glow Plug No. 2 . . . . .	8W-30-25
Clockspring . . . . .	8W-30-13, 32	Glow Plug No. 3 . . . . .	8W-30-25
Compass . . . . .	8W-30-20, 21	Glow Plug No. 4 . . . . .	8W-30-25
Controller Anti-Lock Brake . . . . .	8W-30-19, 34	Glow Plug Relay . . . . .	8W-30-25
Crankshaft Position Sensor . . . . .	8W-30-5	Headlamp Switch . . . . .	8W-30-17, 19, 34
Data Link Connector . . . . .	8W-30-19, 20, 21, 34	Idle Air Control Motor . . . . .	8W-30-16
Daytime Running Lamp Module . . . . .	8W-30-12	Ignition Coil . . . . .	8W-30-5
Duty Cycle Evap/Purge Solenoid . . . . .	8W-30-15	Instrument Cluster . . . . .	8W-30-20, 21
Engine Control		Intake Air Temperature Sensor . . . . .	8W-30-7
Module . . . . .	8W-30-22, 25, 26, 27, 28, 29, 30, 32, 33, 34	Junction Block . . . . .	8W-30-2, 3, 4, 9, 17, 22, 33
Engine Coolant Temperature Sensor . . . . .	8W-30-7	Left Speed Control Switch . . . . .	8W-30-13, 32
Engine Coolant Temperature Sensor No. 1 . . . . .	8W-30-29	Low Coolant Level Warning Indicator . . . . .	8W-30-33
Engine Coolant Temperature Sensor No. 2 . . . . .	8W-30-29	Low Coolant Switch . . . . .	8W-30-31
Engine Oil Pressure Sensor . . . . .	8W-30-12, 29	Manifold Absolute Pressure Sensor . . . . .	8W-30-12
Engine Speed Sensor . . . . .	8W-30-30	Message Center . . . . .	8W-30-33
Engine Starter Motor Relay . . . . .	8W-30-14	Needle Movement Sensor . . . . .	8W-30-28
Evap Leak Detection Pump . . . . .	8W-30-18	Overhead Module . . . . .	8W-30-20, 21
Extended Idle Switch . . . . .	8W-30-17	Oxygen Sensor 1/1 Upstream . . . . .	8W-30-8, 10, 11
Fuel Injection Pump . . . . .	8W-30-26, 27	Oxygen Sensor 1/2 Downstream . . . . .	8W-30-8, 10, 11
Fuel Injector No. 1 . . . . .	8W-30-6	Oxygen Sensor 2/1 Upstream . . . . .	8W-30-11
Fuel Injector No. 2 . . . . .	8W-30-6	Oxygen Sensor 2/2 Downstream . . . . .	8W-30-11
Fuel Injector No. 3 . . . . .	8W-30-6	Oxygen Sensor Downstream Relay . . . . .	8W-30-9, 10, 11
Fuel Injector No. 4 . . . . .	8W-30-6	Oxygen Sensor Upstream Relay . . . . .	8W-30-9, 10, 11
Fuel Injector No. 5 . . . . .	8W-30-6	Park/Neutral Position Switch . . . . .	8W-30-14
Fuel Injector No. 6 . . . . .	8W-30-6	Power Distribution Center . . . . .	8W-30-2, 3, 4, 5, 6, 8, 9, 14, 18, 19, 22, 23, 25, 26, 27, 32, 33, 34,
Fuel Level Sensor . . . . .	8W-30-31	Power Steering Pressure Switch . . . . .	8W-30-17
Fuel Pump Module . . . . .	8W-30-3, 4	Powertrain Control Module . . . . .	8W-30-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 29, 30, 31, 33, 34
Fuel Pump Relay . . . . .	8W-30-2, 3, 4	Radiator Fan Relay . . . . .	8W-30-9, 18, 22, 27, 33
Fuse 2 (PDC) . . . . .	8W-30-25	Rail Coil . . . . .	8W-30-5
Fuse 3 (PDC) . . . . .	8W-30-25	Right Speed Control Switch . . . . .	8W-30-13, 32
Fuse 4 (PDC) . . . . .	8W-30-22	Sentry Key Immobilizer Module . . . . .	8W-30-20, 21
Fuse 6 (JB) . . . . .	8W-30-17	Throttle Position Sensor . . . . .	8W-30-7
Fuse 8 (PDC) . . . . .	8W-30-2	Torque Converter Clutch Solenoid . . . . .	8W-30-15
Fuse 9 (JB) . . . . .	8W-30-33	Transmission Control Module . . . . .	8W-30-7, 19, 20, 21
Fuse 10 (JB) . . . . .	8W-30-9, 15	Transmission Range Sensor . . . . .	8W-30-14
Fuse 11 (JB) . . . . .	8W-30-2, 3, 4, 15, 22	Turbo Boost Pressure Sensor . . . . .	8W-30-27
Fuse 17 (PDC) . . . . .	8W-30-9	Vehicle Speed Control Servo . . . . .	8W-30-14
Fuse 18 (PDC) . . . . .	8W-30-2, 5, 6	Vehicle Speed Sensor . . . . .	8W-30-12, 29
Fuse 19 (PDC) . . . . .	8W-30-19, 32	Wait To Start Warning Indicator . . . . .	8W-30-33
Fuse 21 (PDC) . . . . .	8W-30-2, 5, 6, 8, 25, 26	Water In Fuel Sensor . . . . .	8W-30-31
Fuse 22 (PDC) . . . . .	8W-30-2, 3, 4	Water In Fuel Warning Indicator . . . . .	8W-30-33
Fuse 24 (PDC) . . . . .	8W-30-23		
Fuse 25 (JB) . . . . .	8W-30-17		
Fuse 26 (PDC) . . . . .	8W-30-34		
G101 . . . . .	8W-30-2, 8, 10, 11, 14, 17		

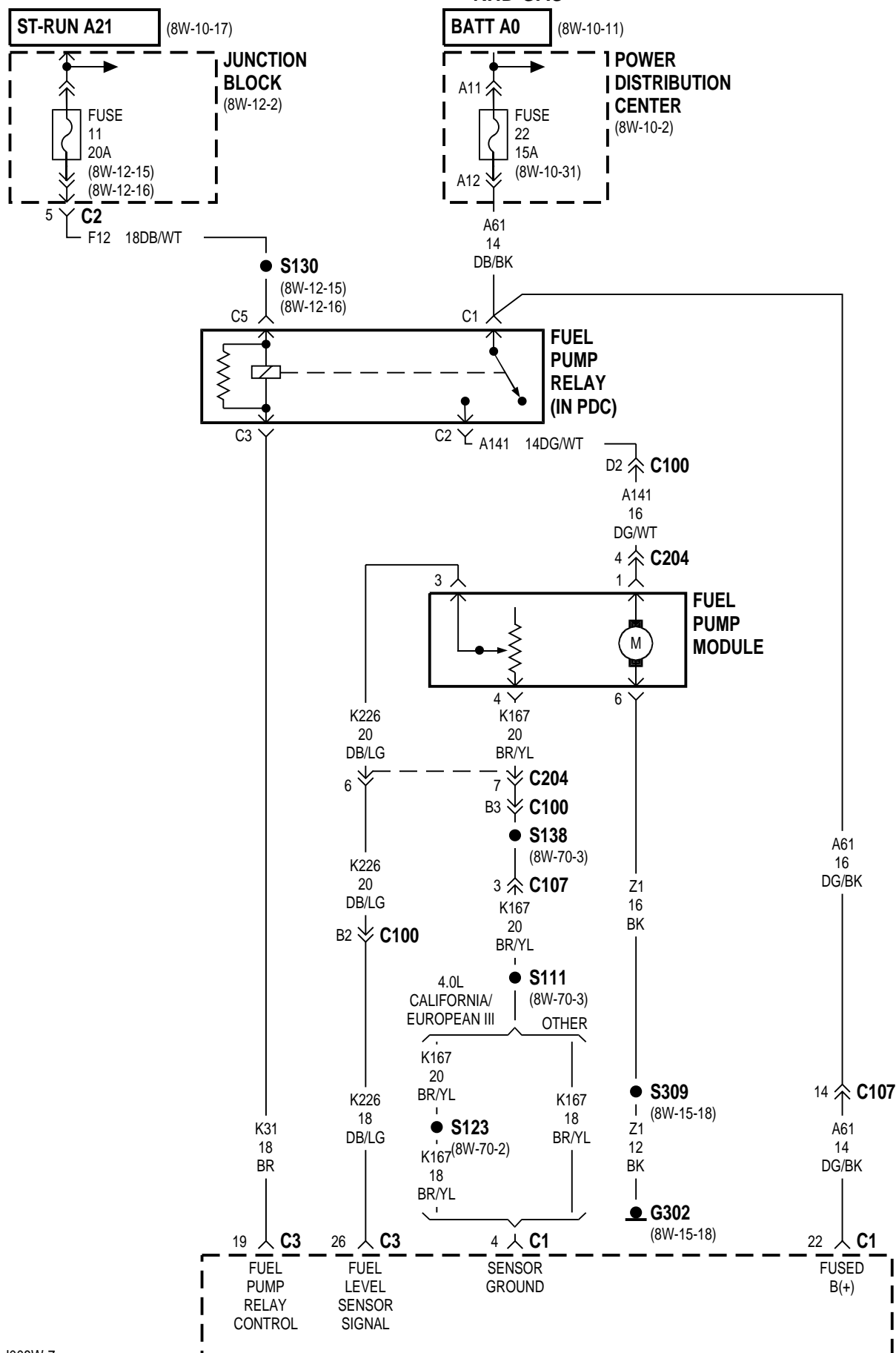
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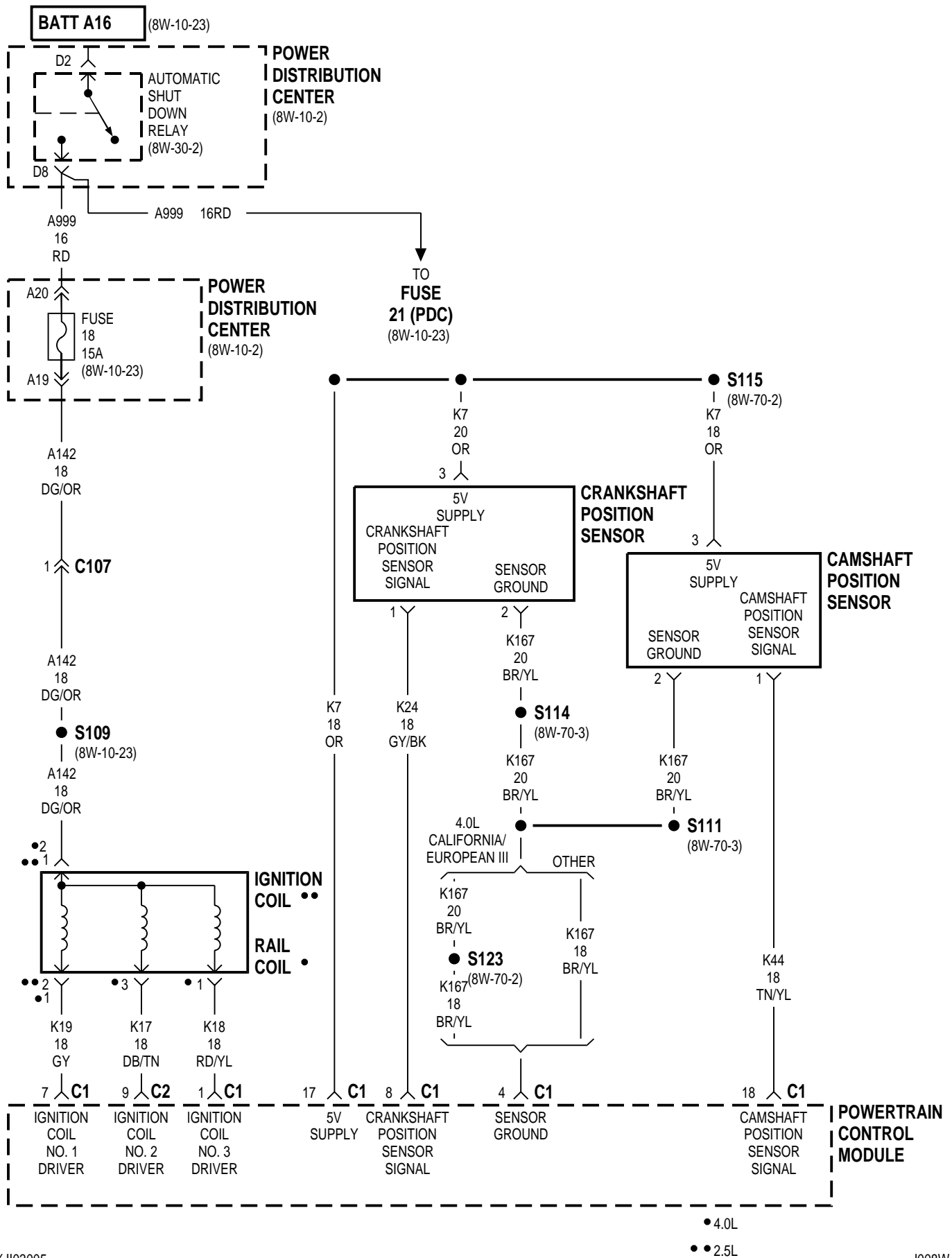


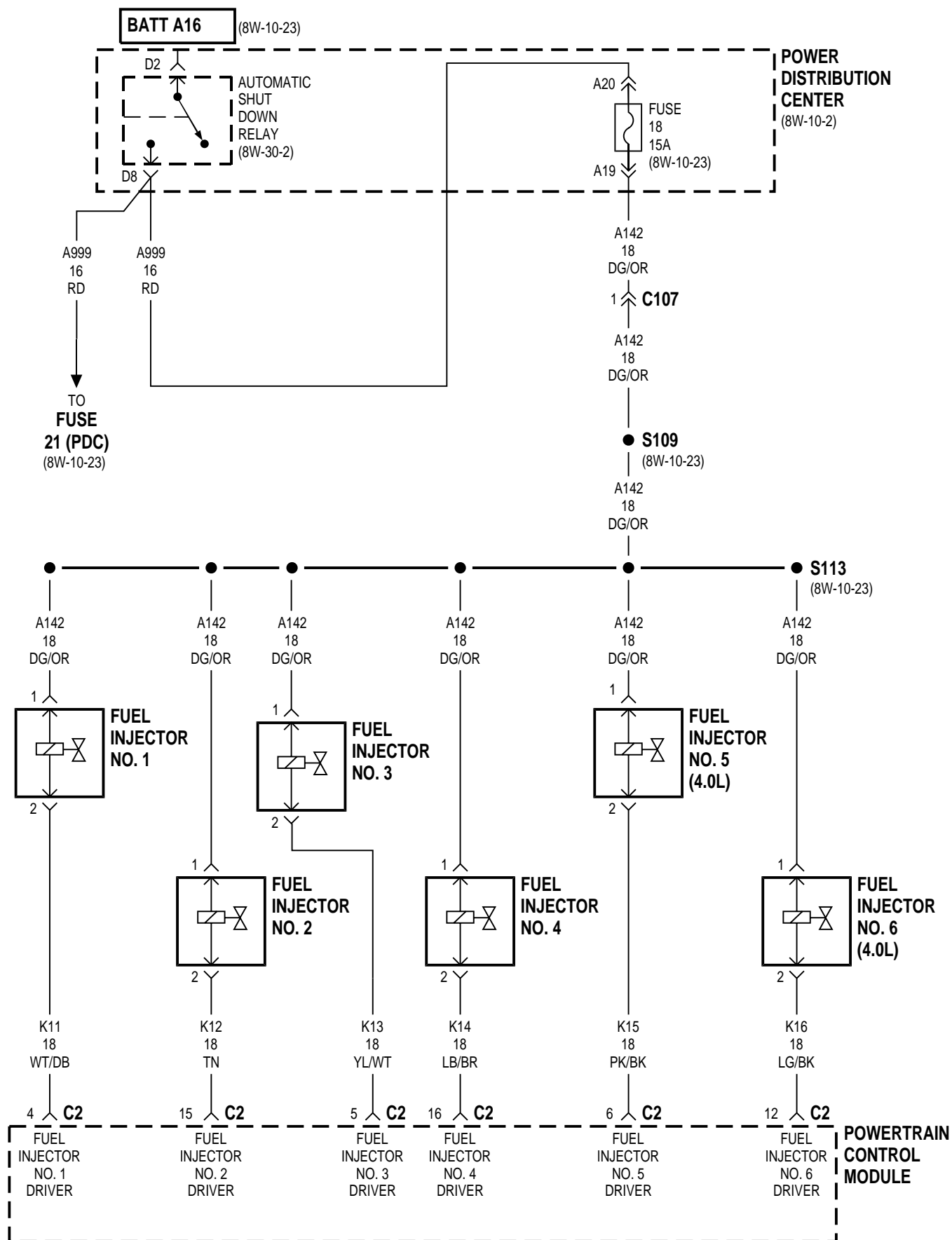
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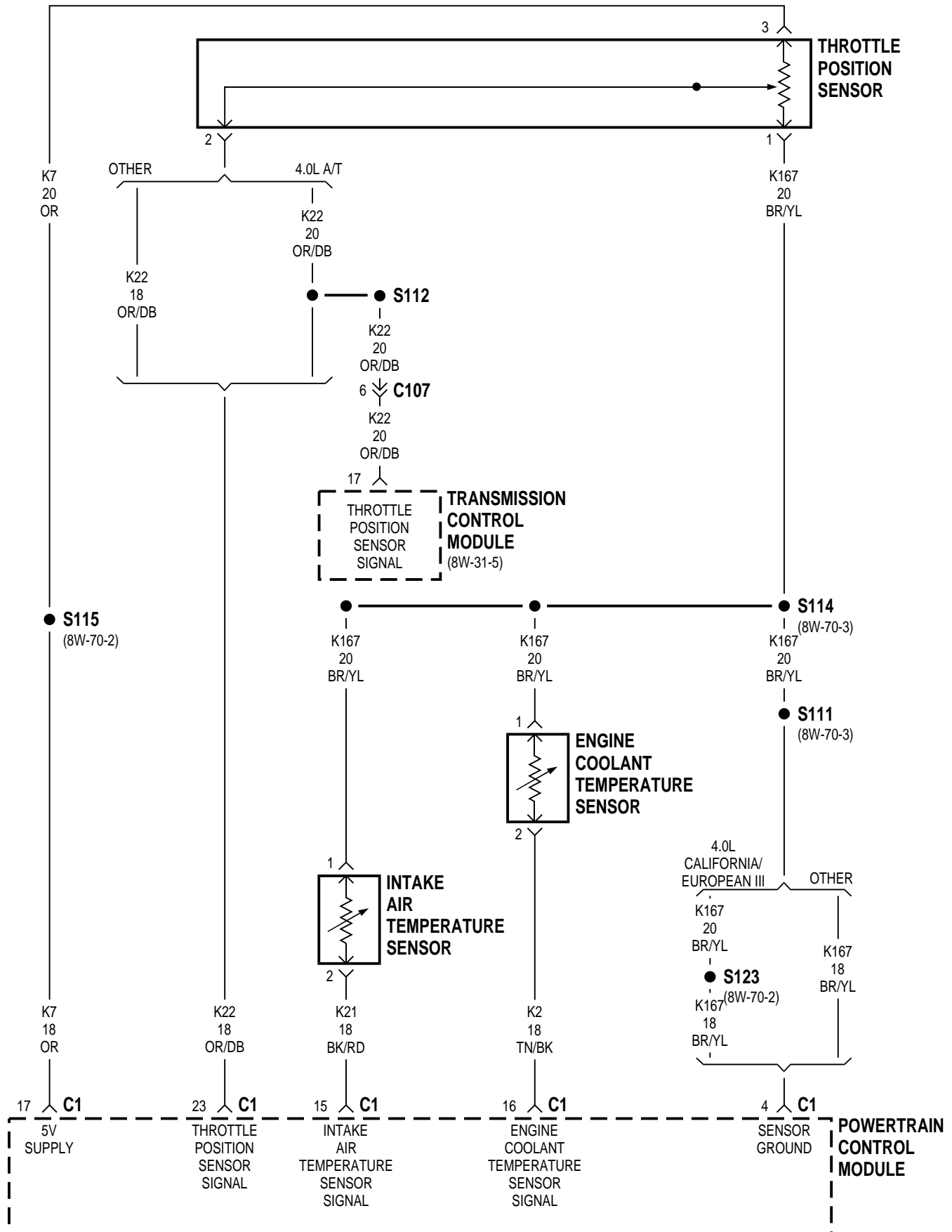


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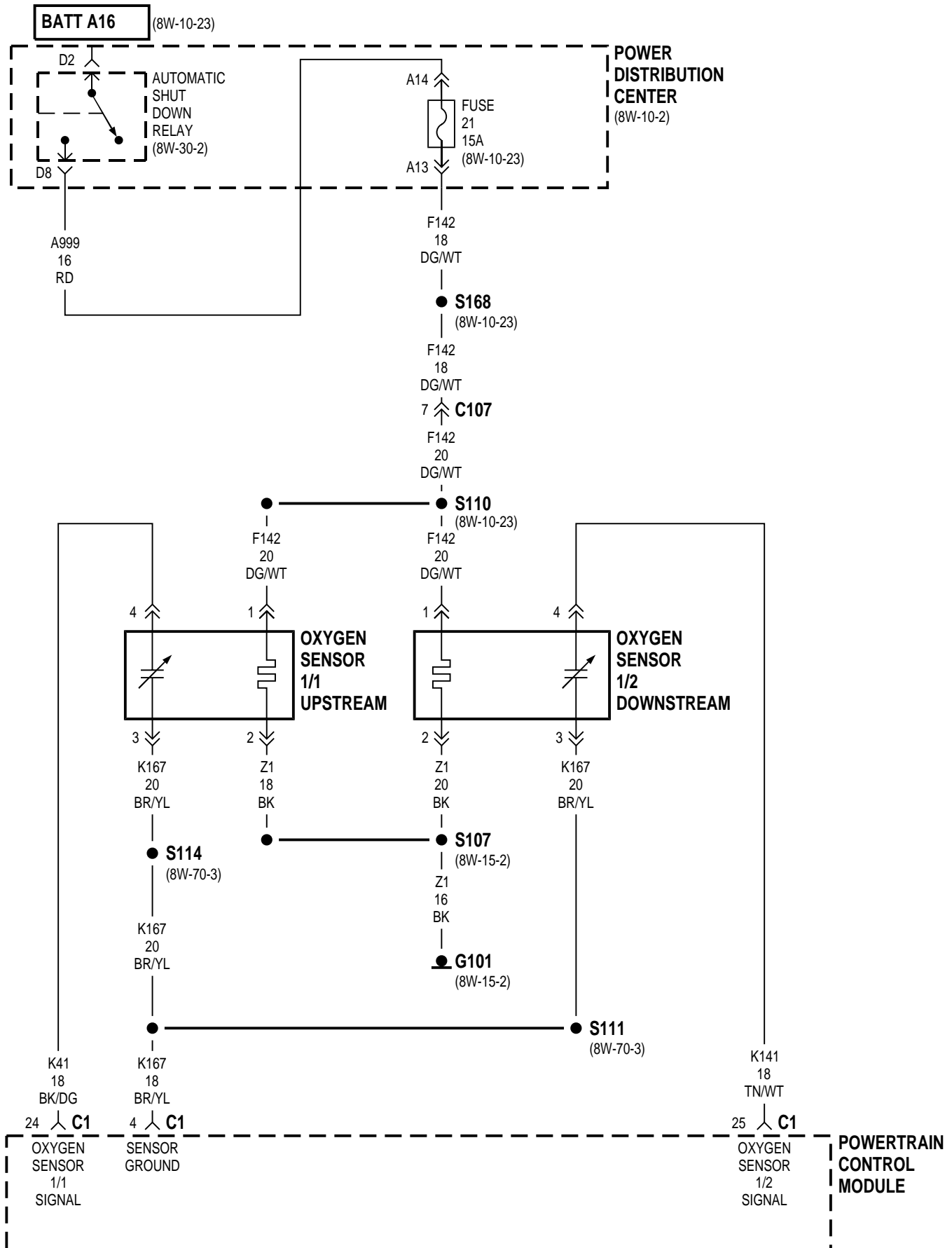








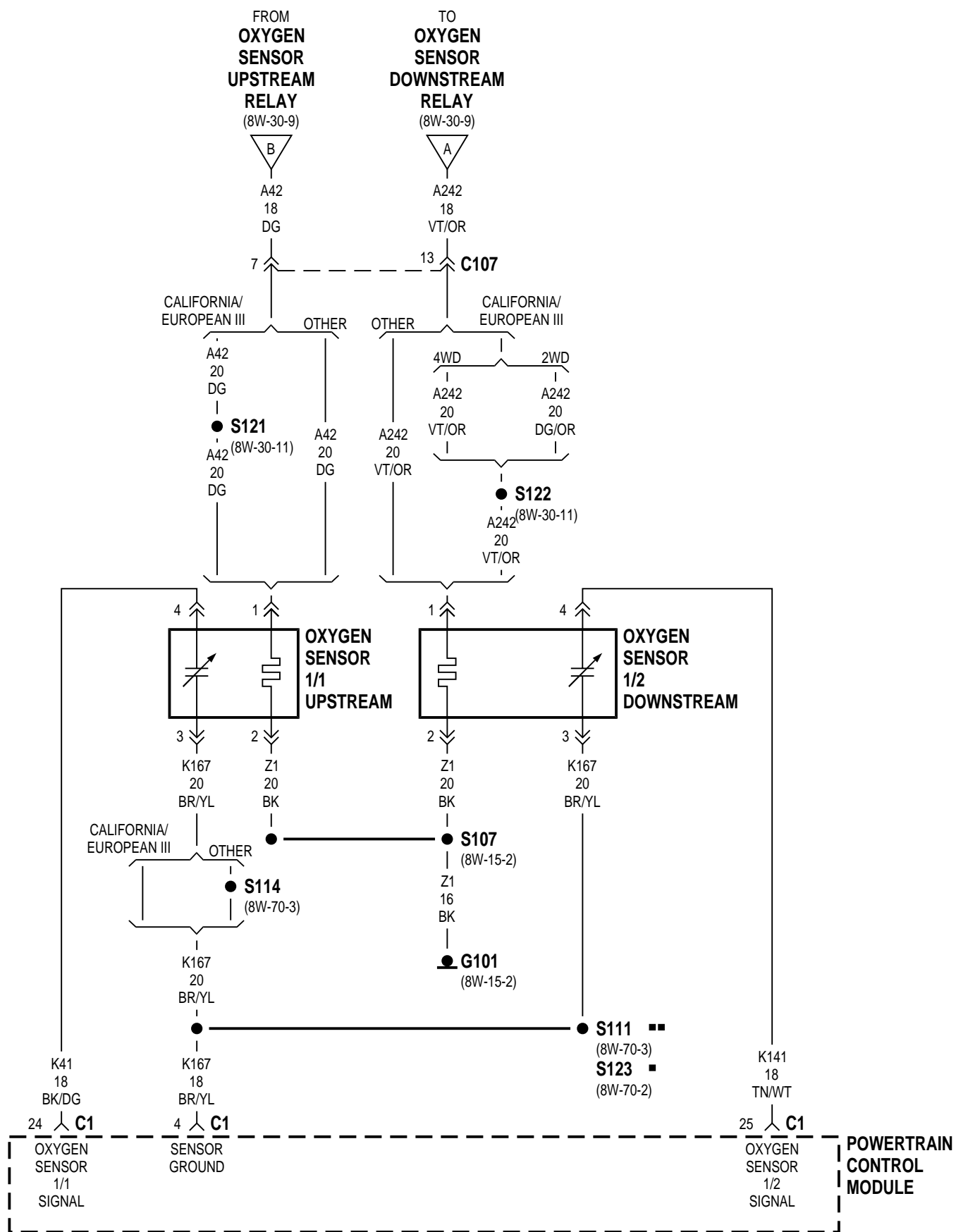
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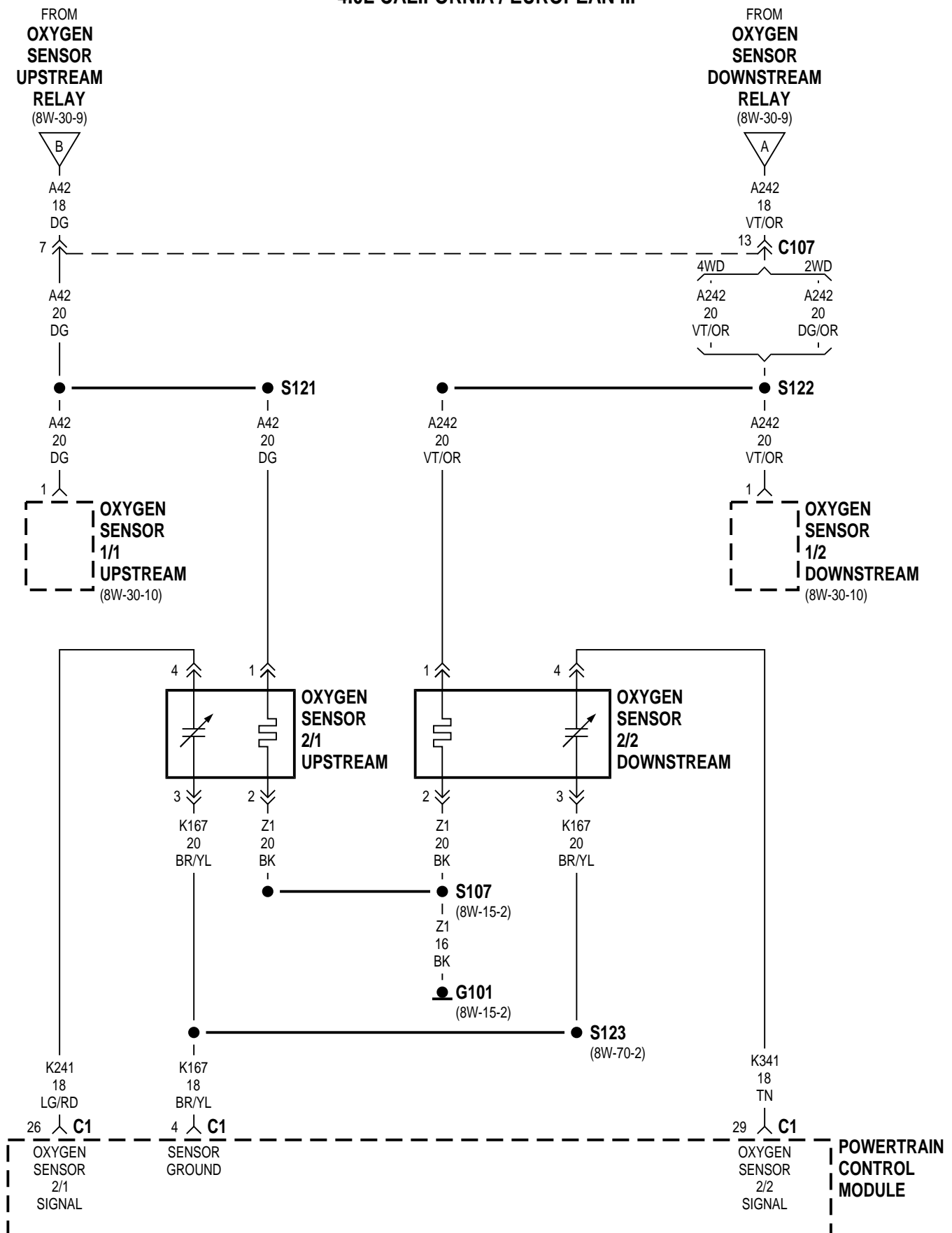


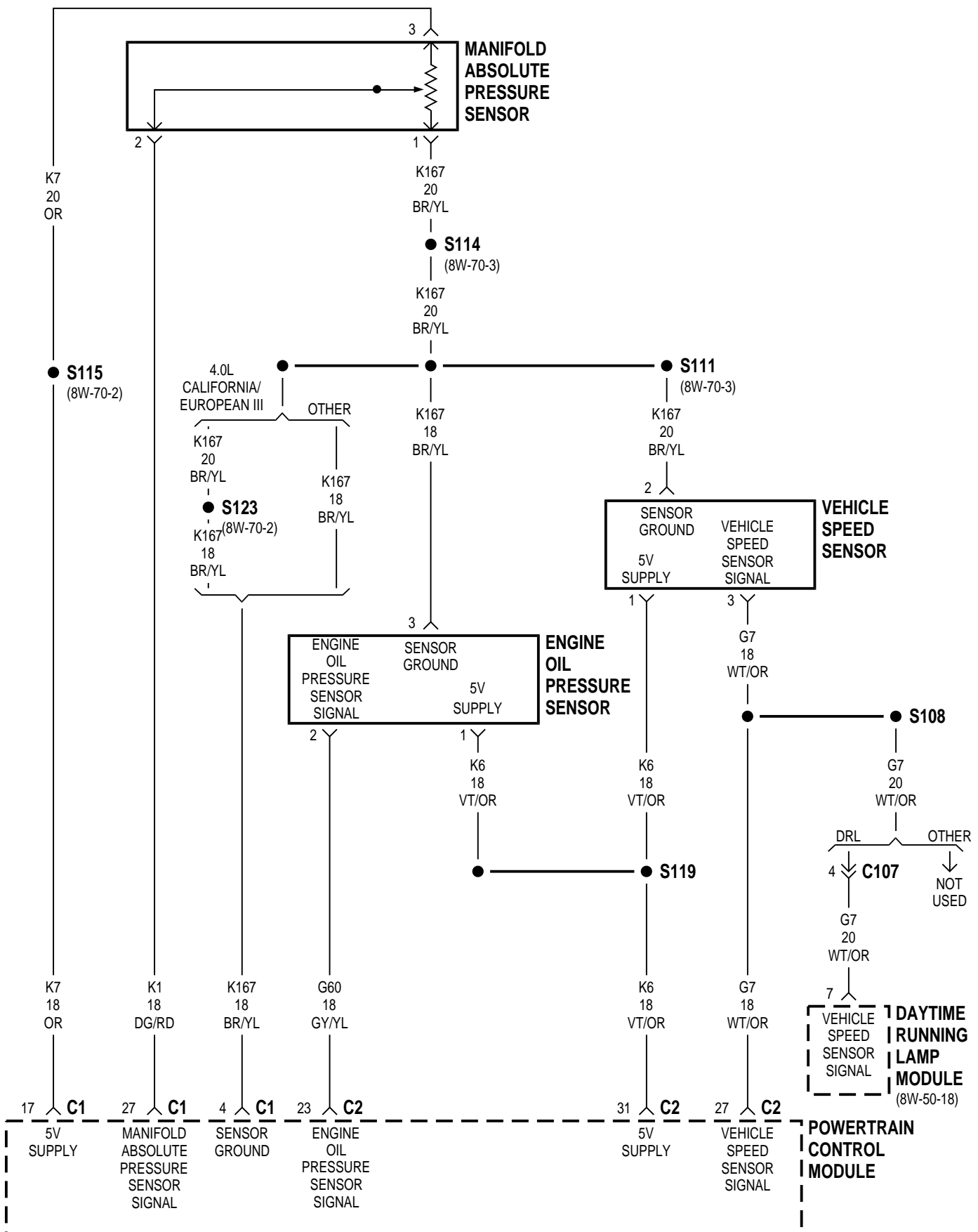


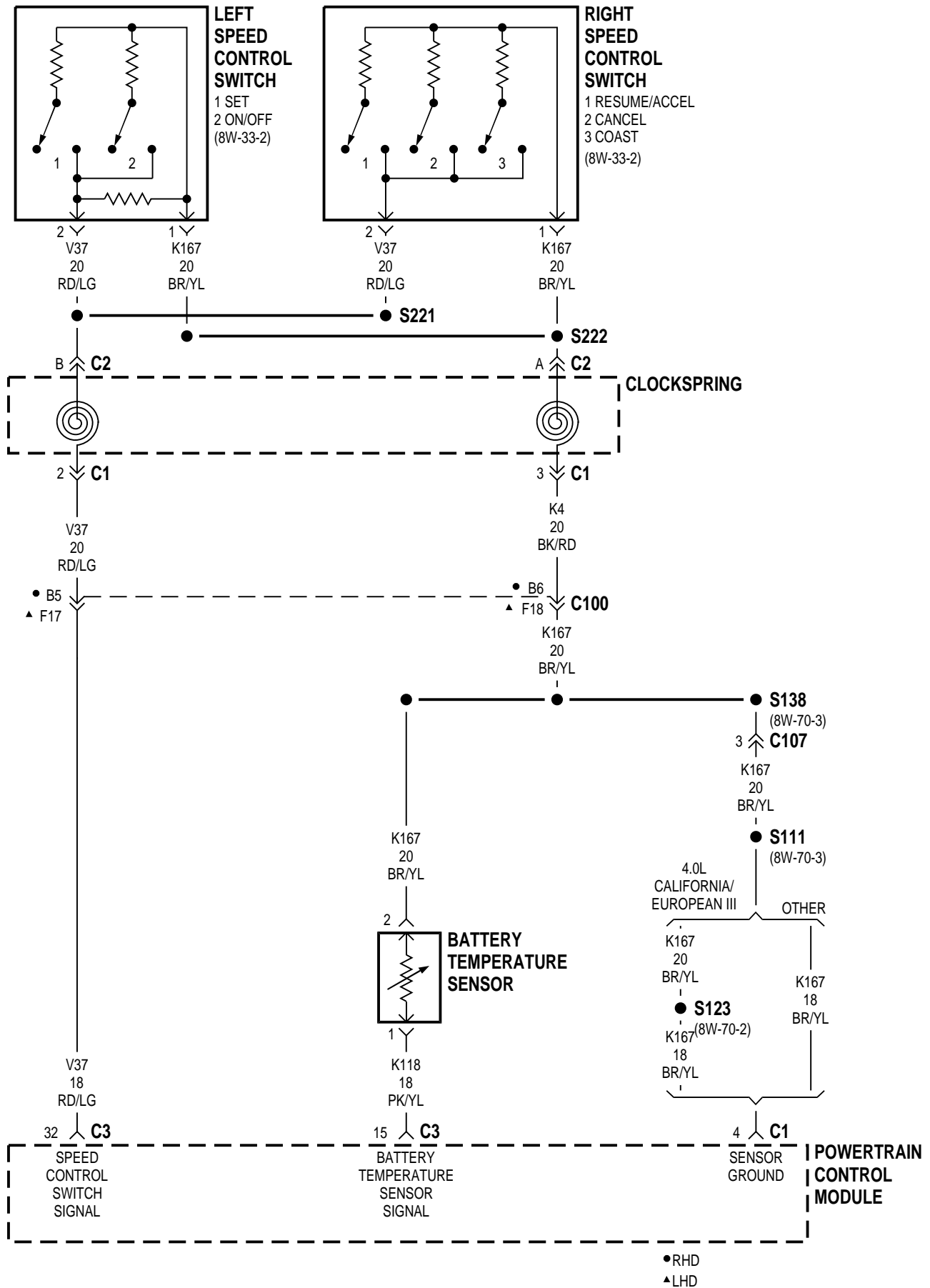


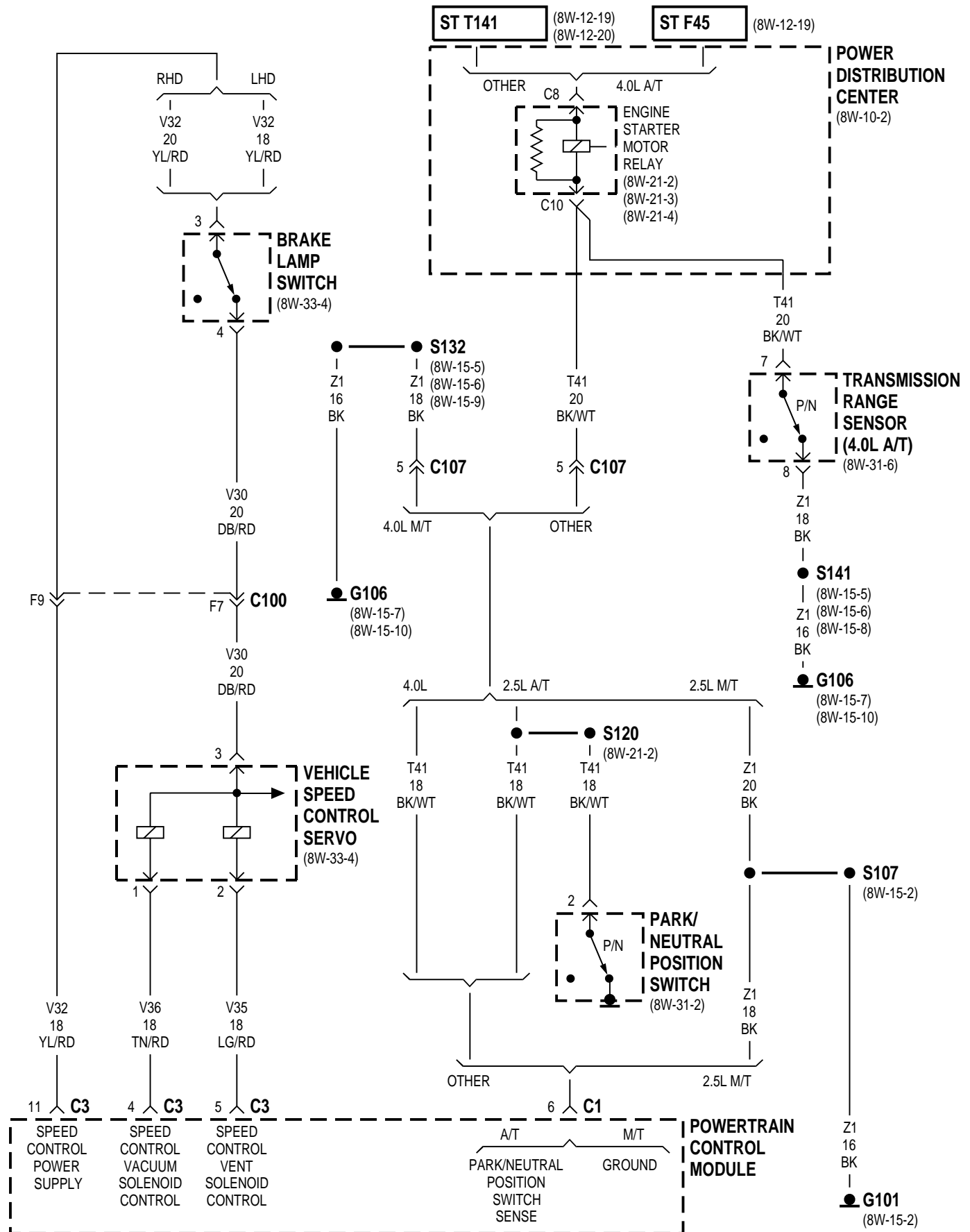
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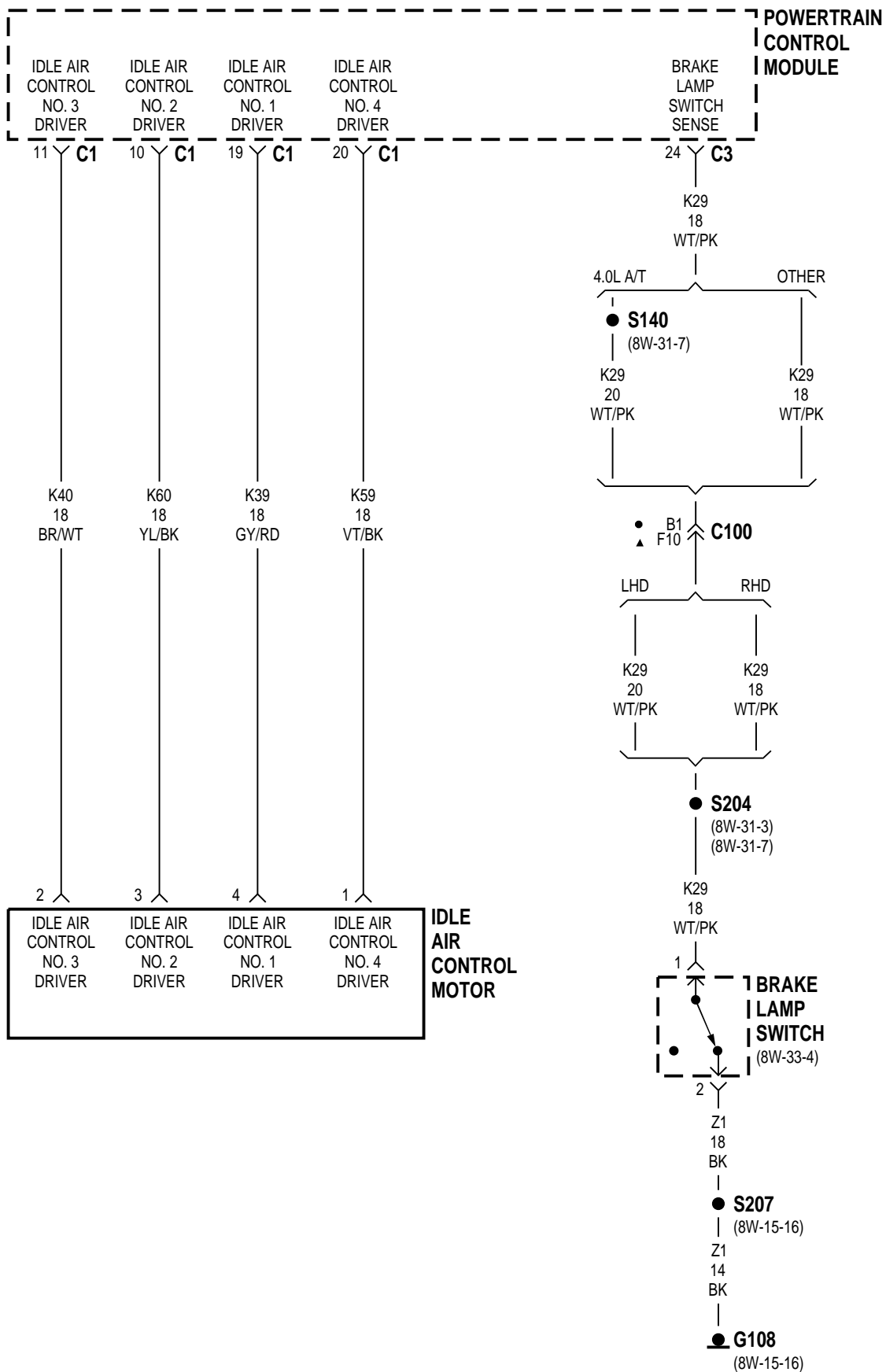




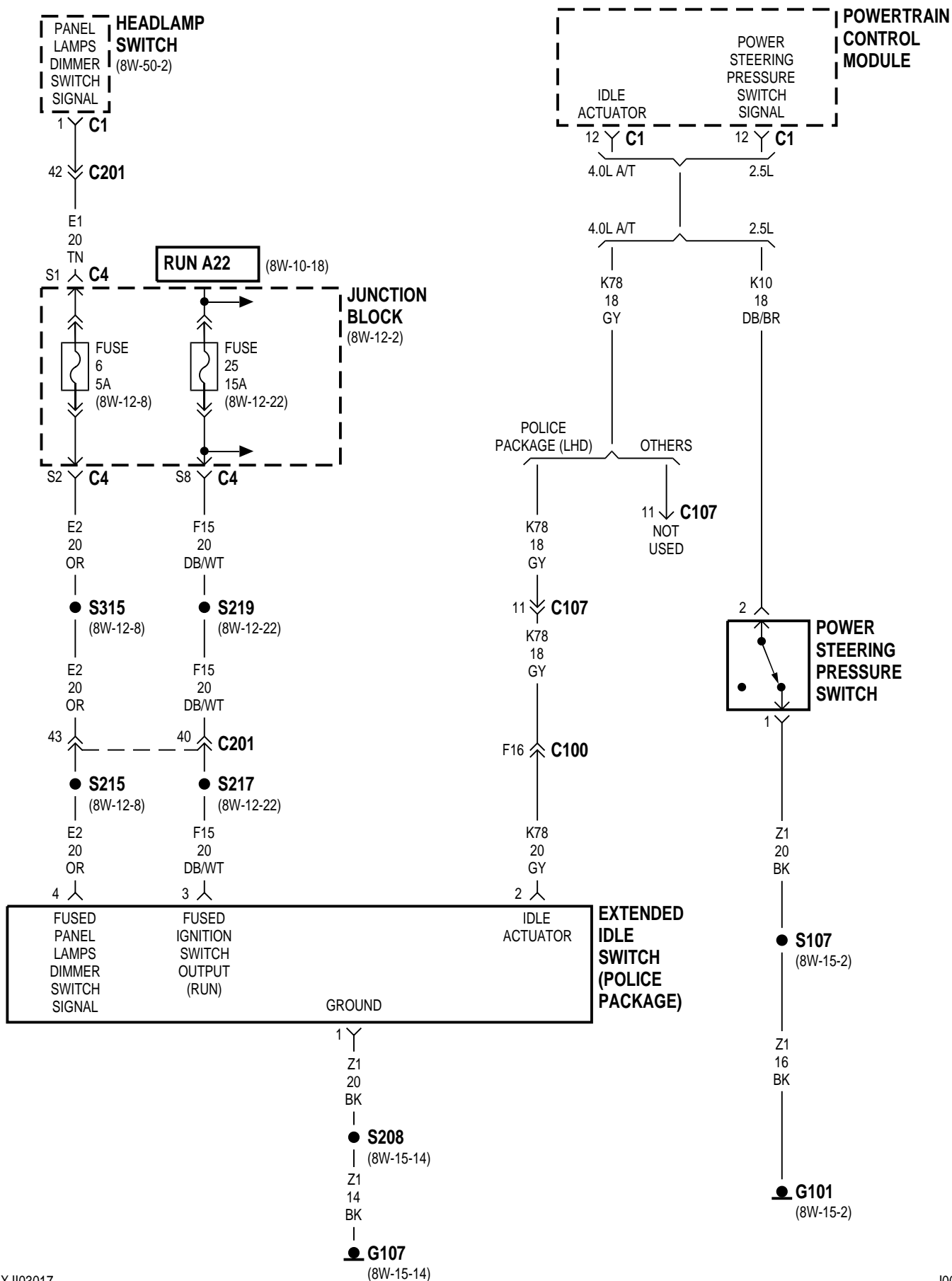


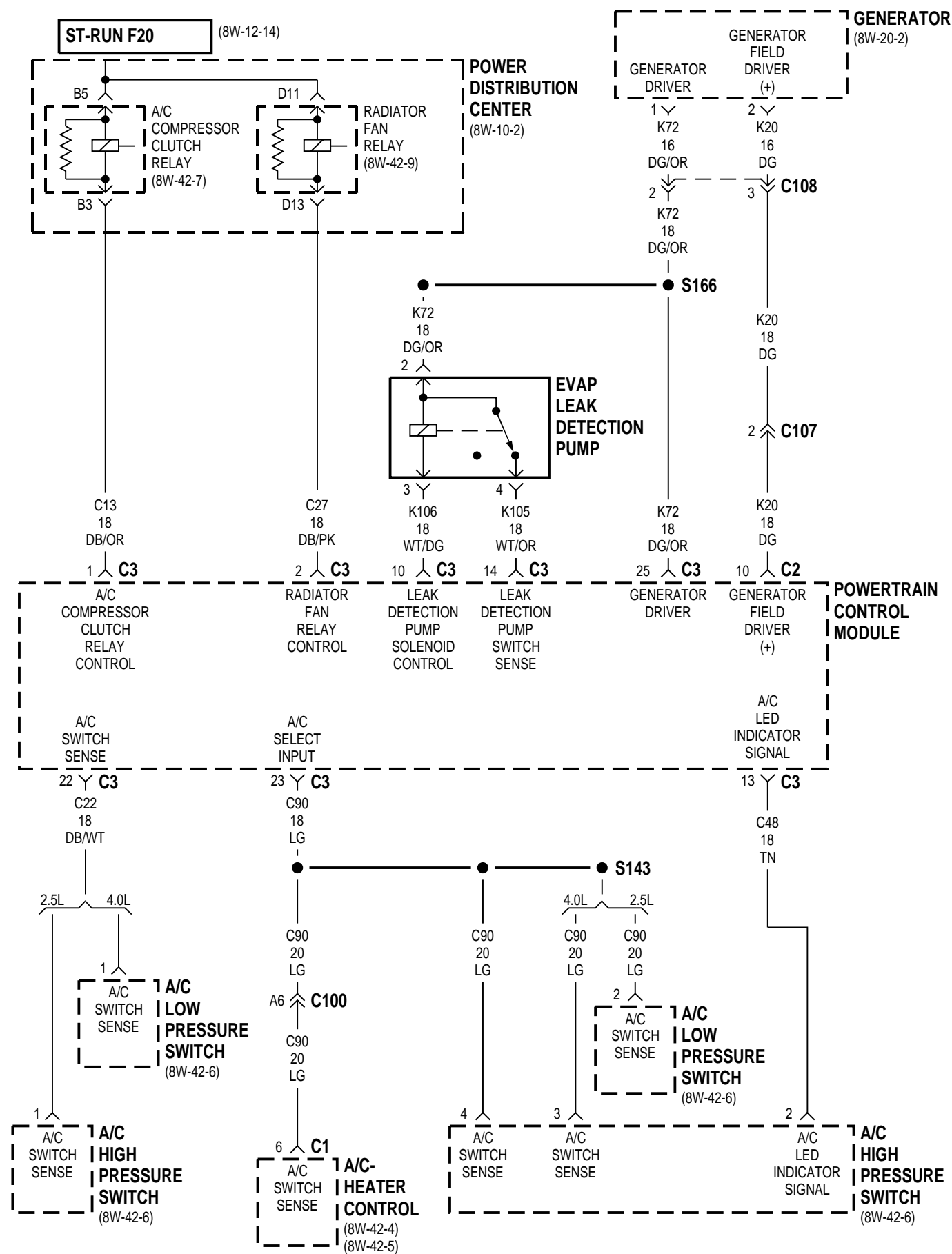




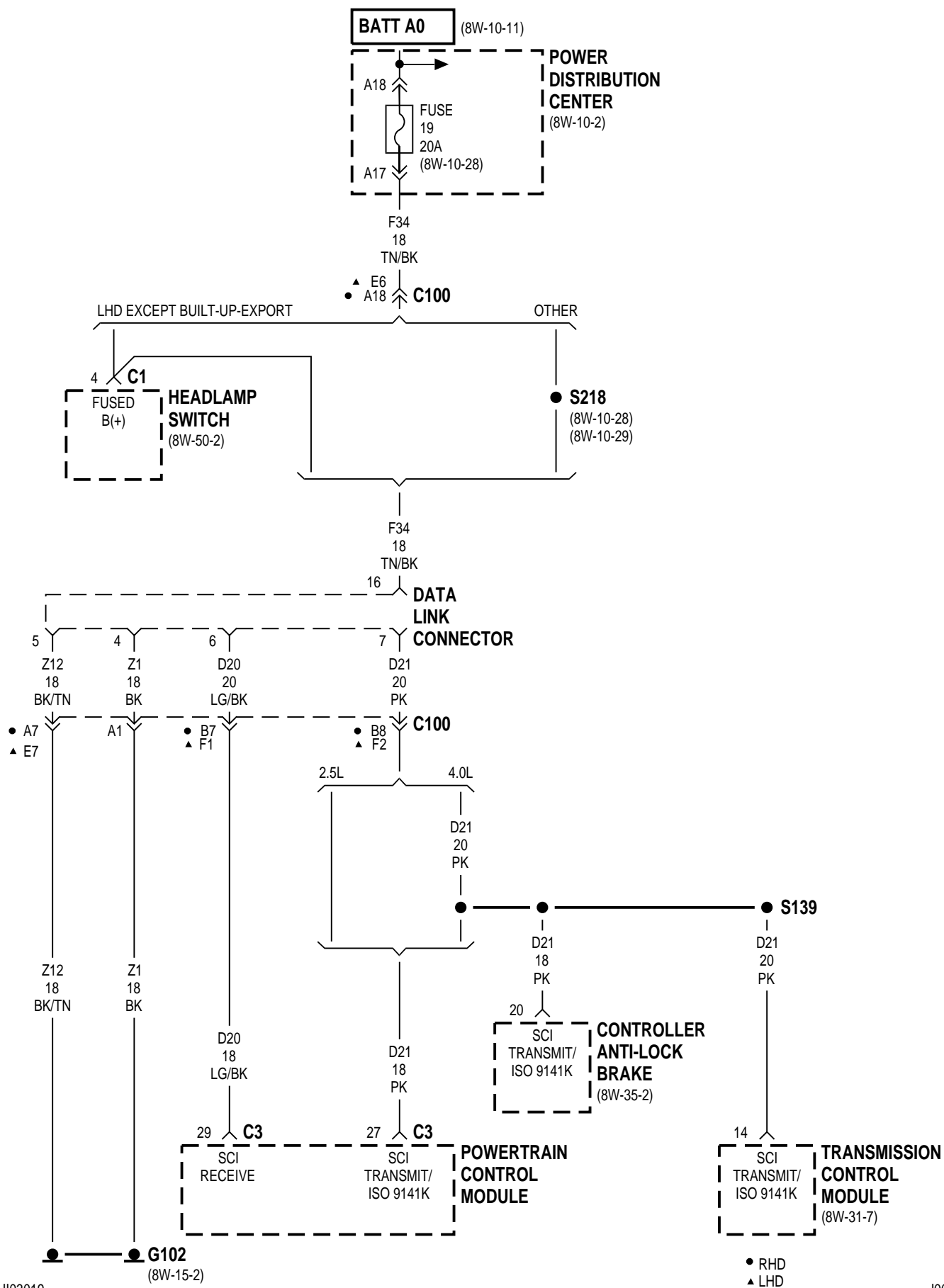




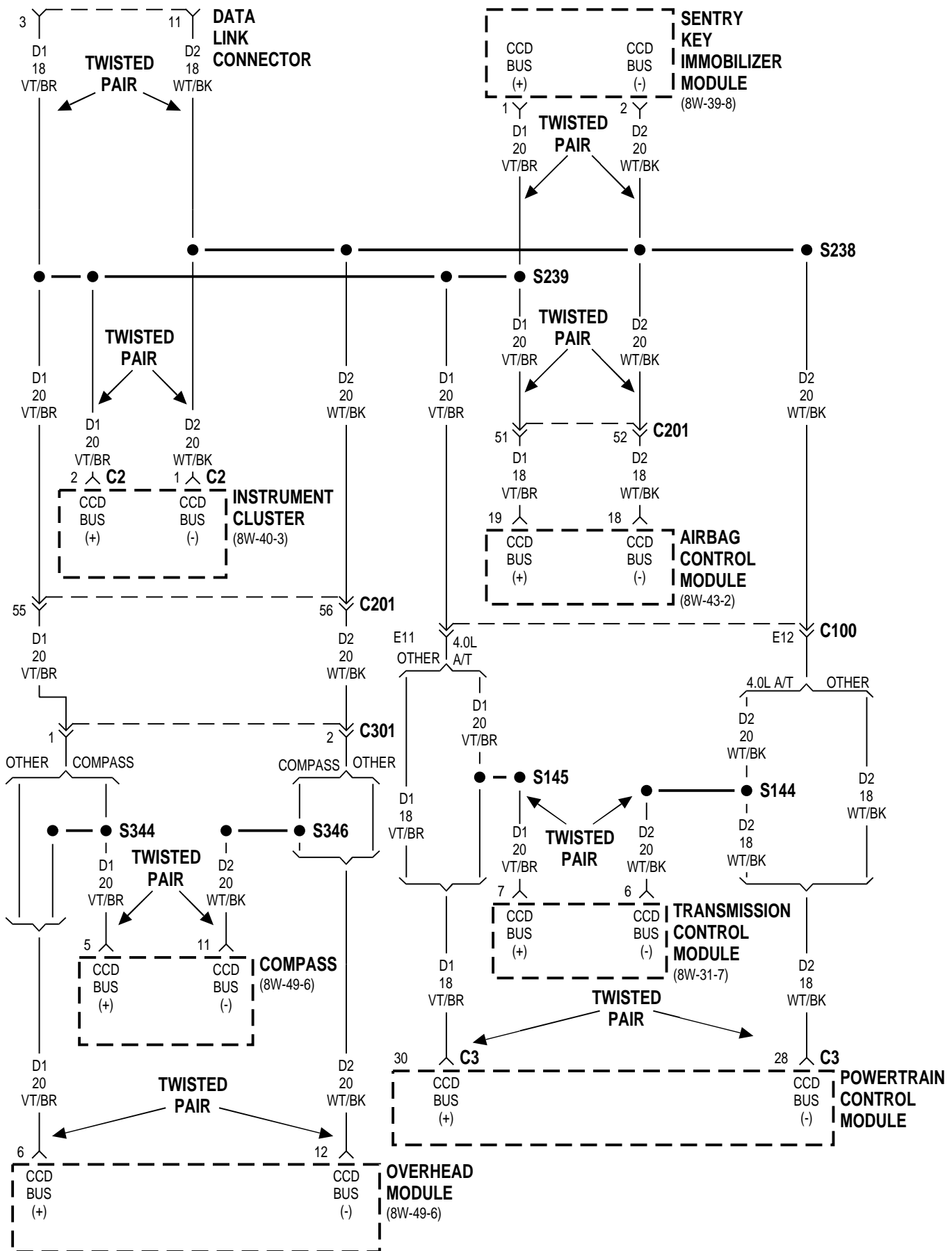




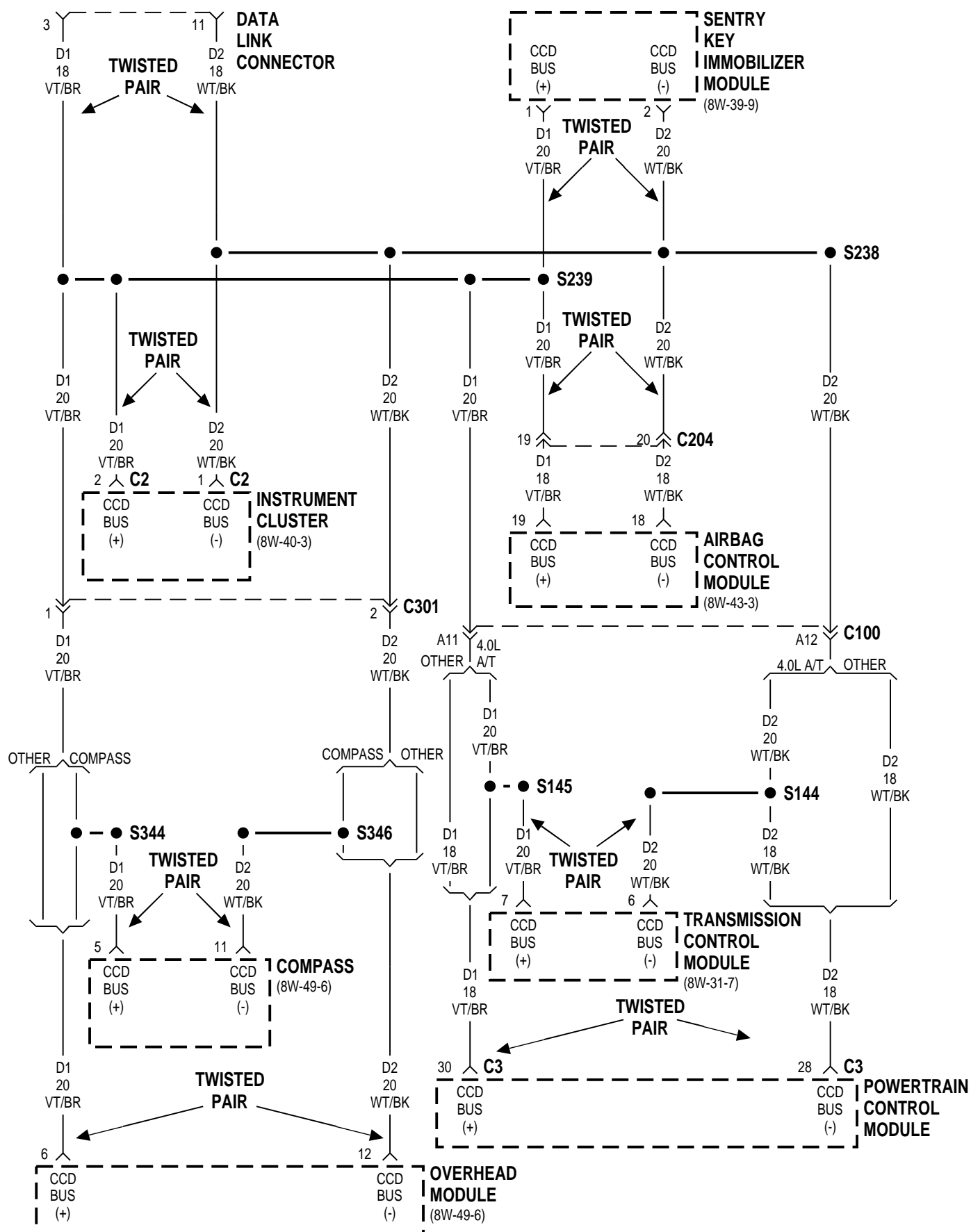
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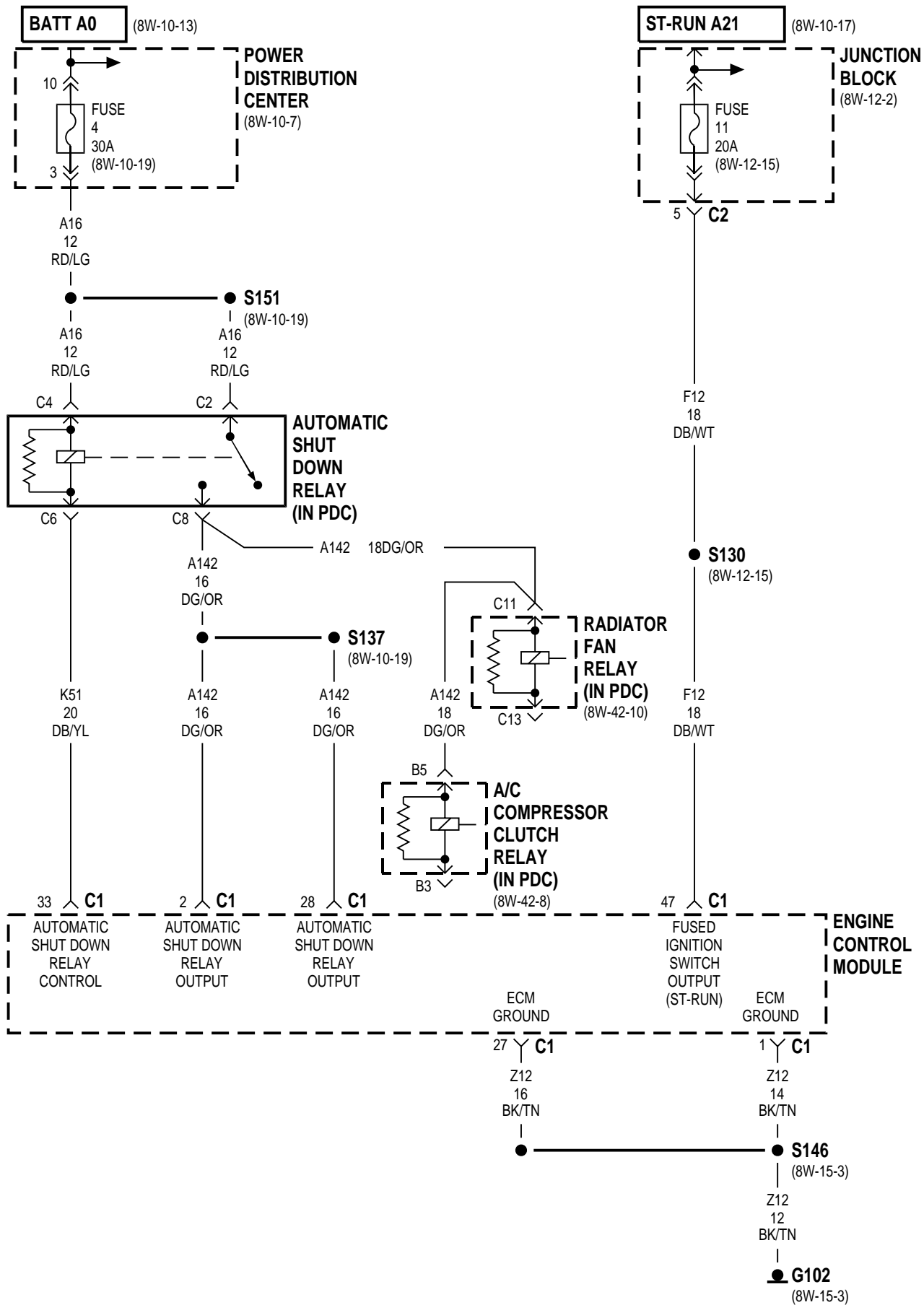


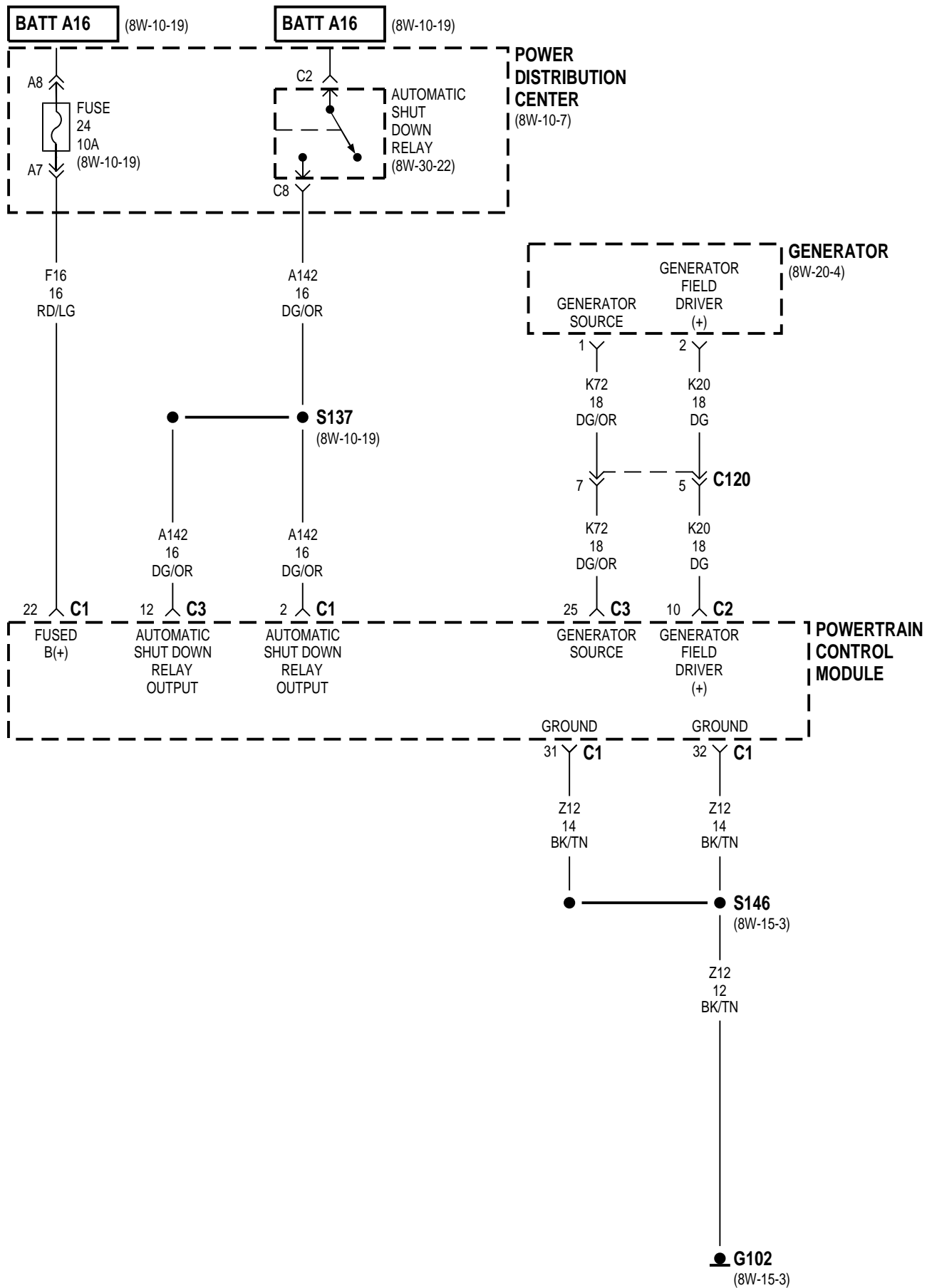
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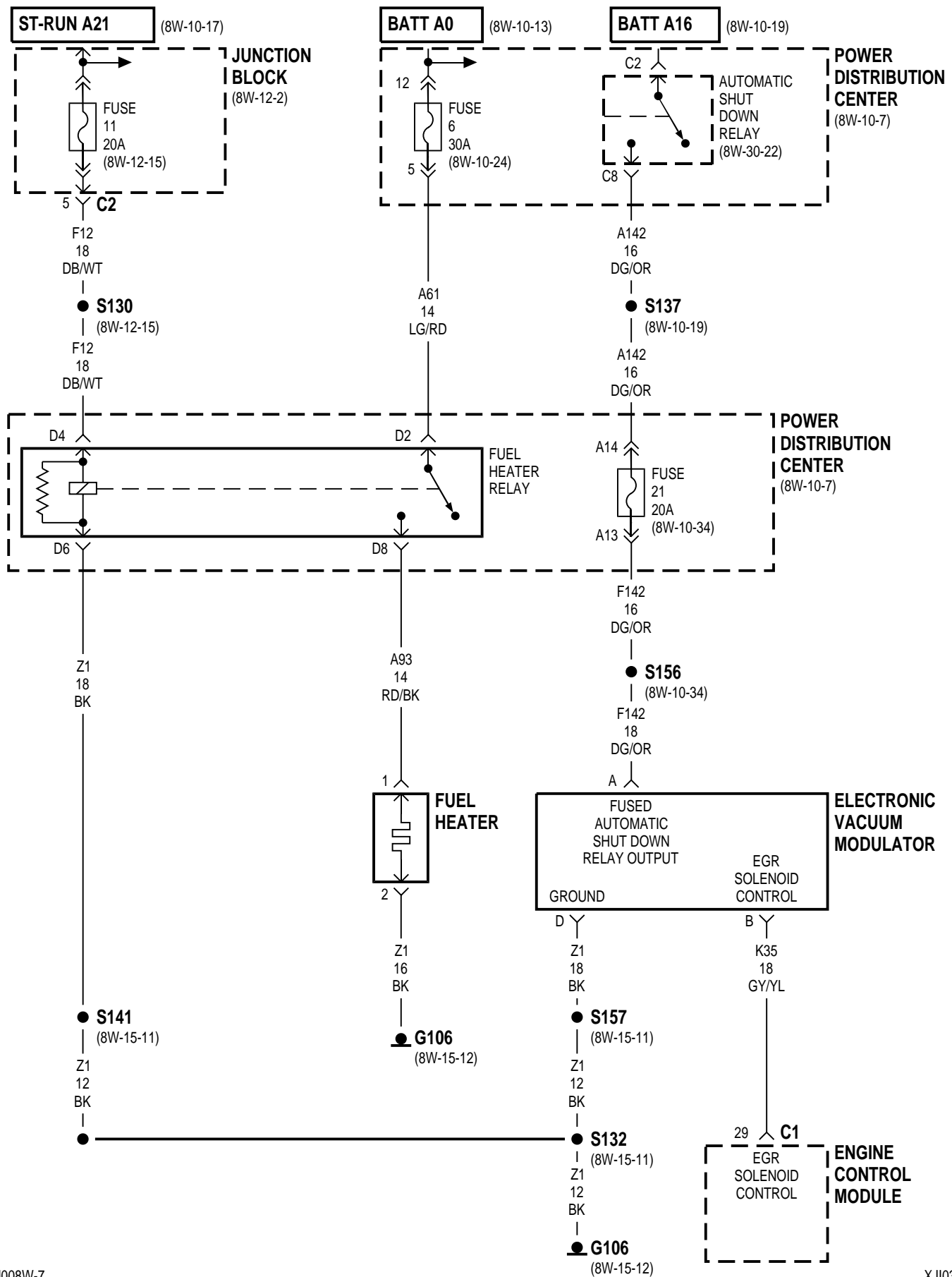
RHD



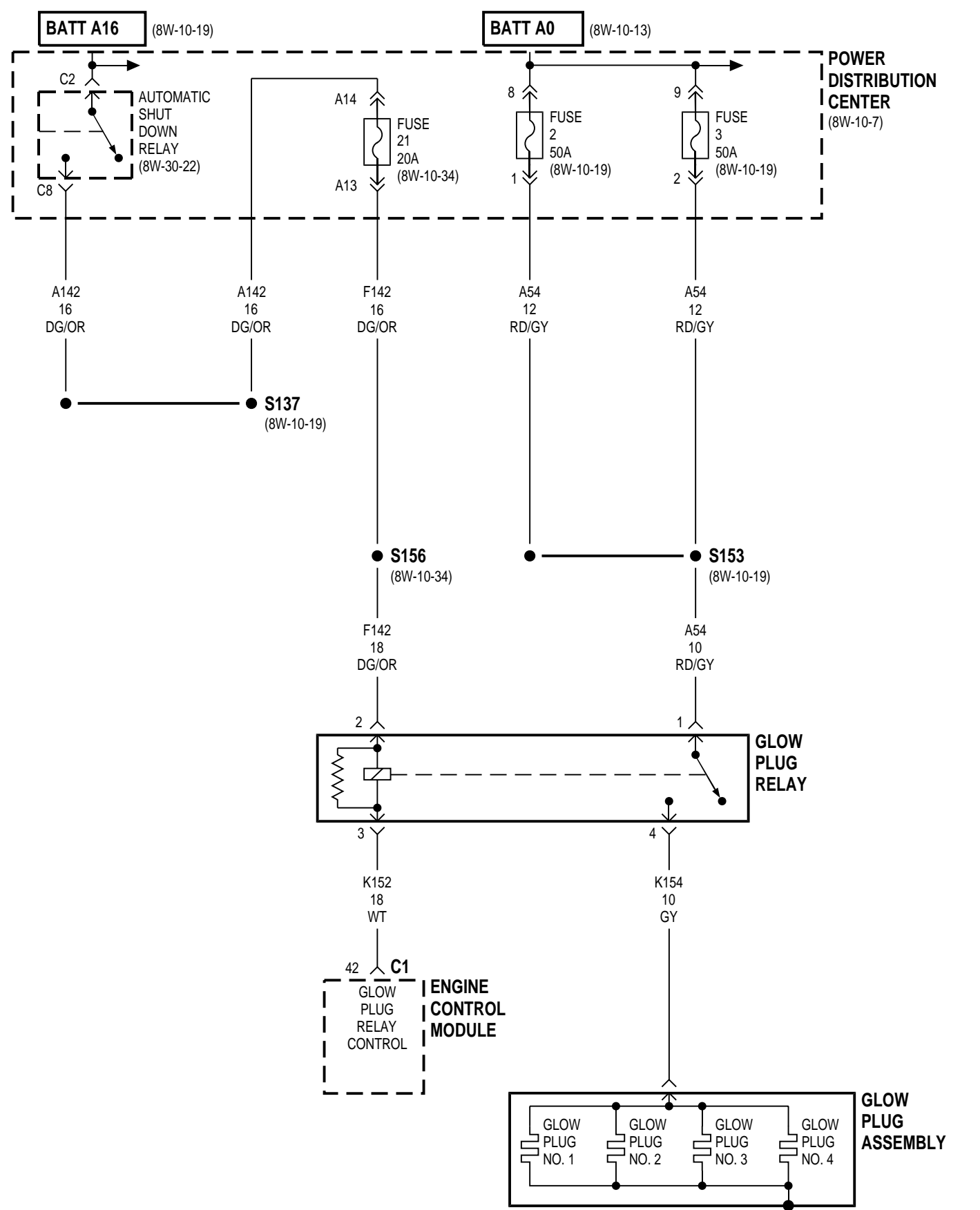


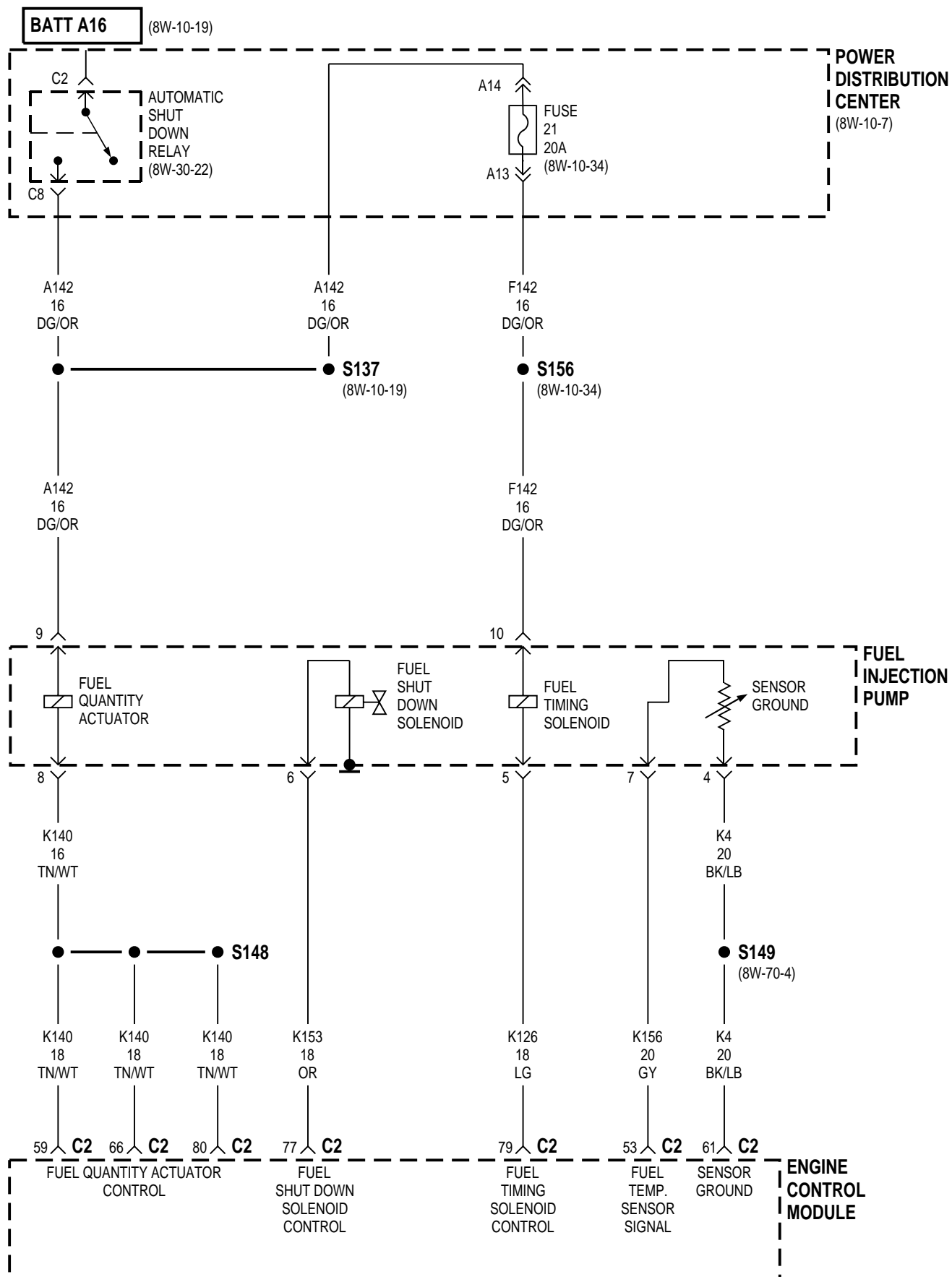


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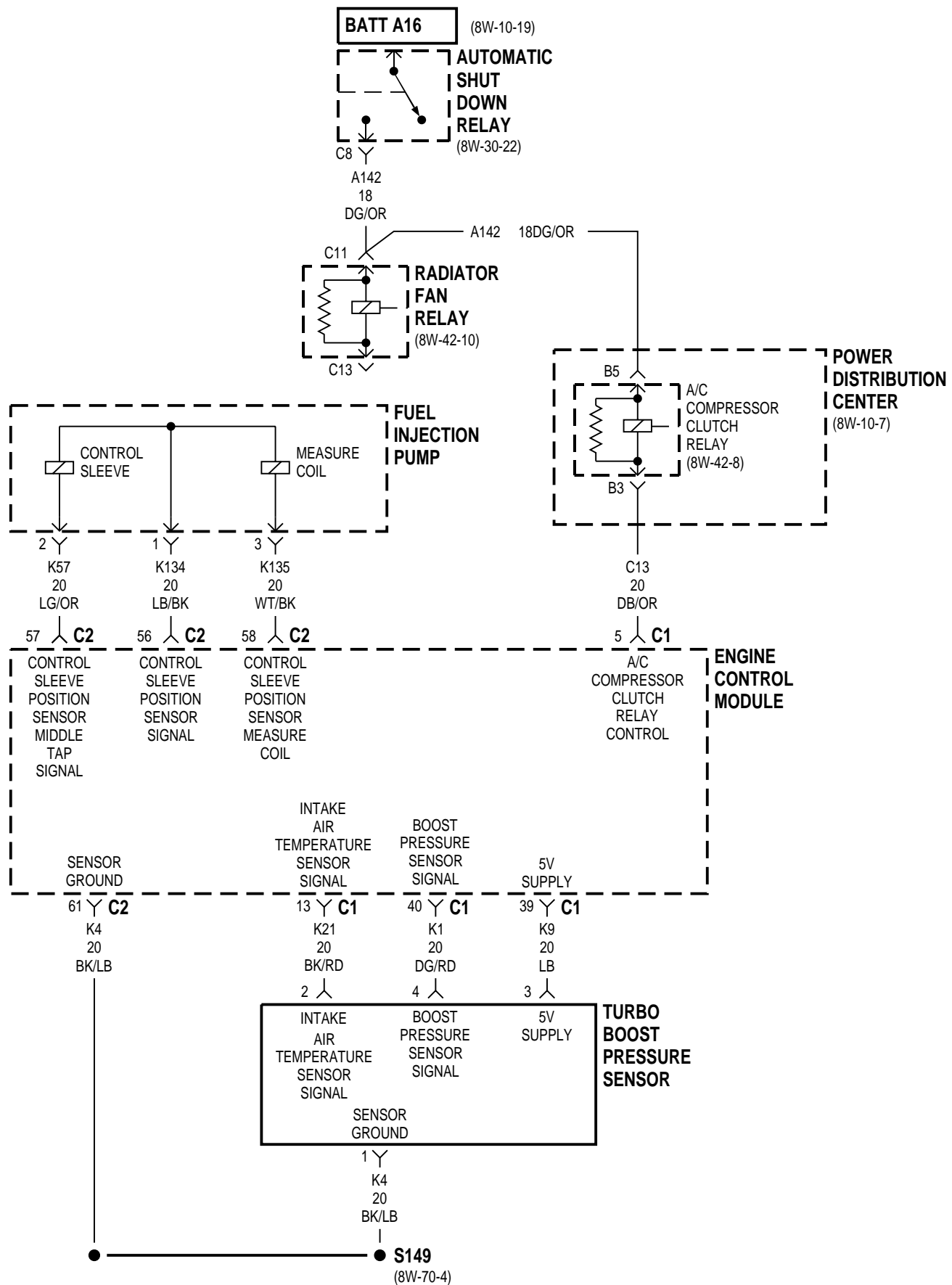


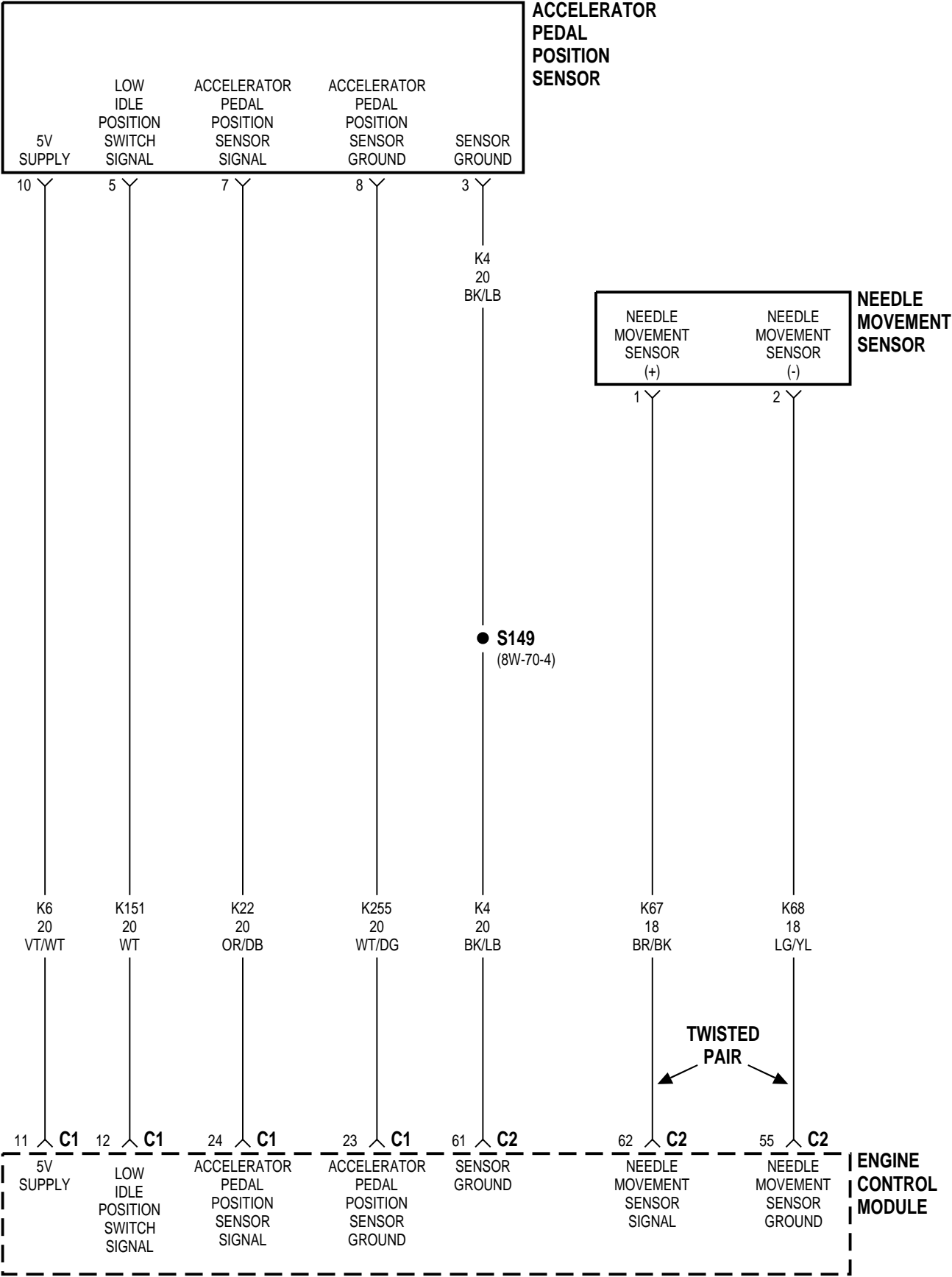


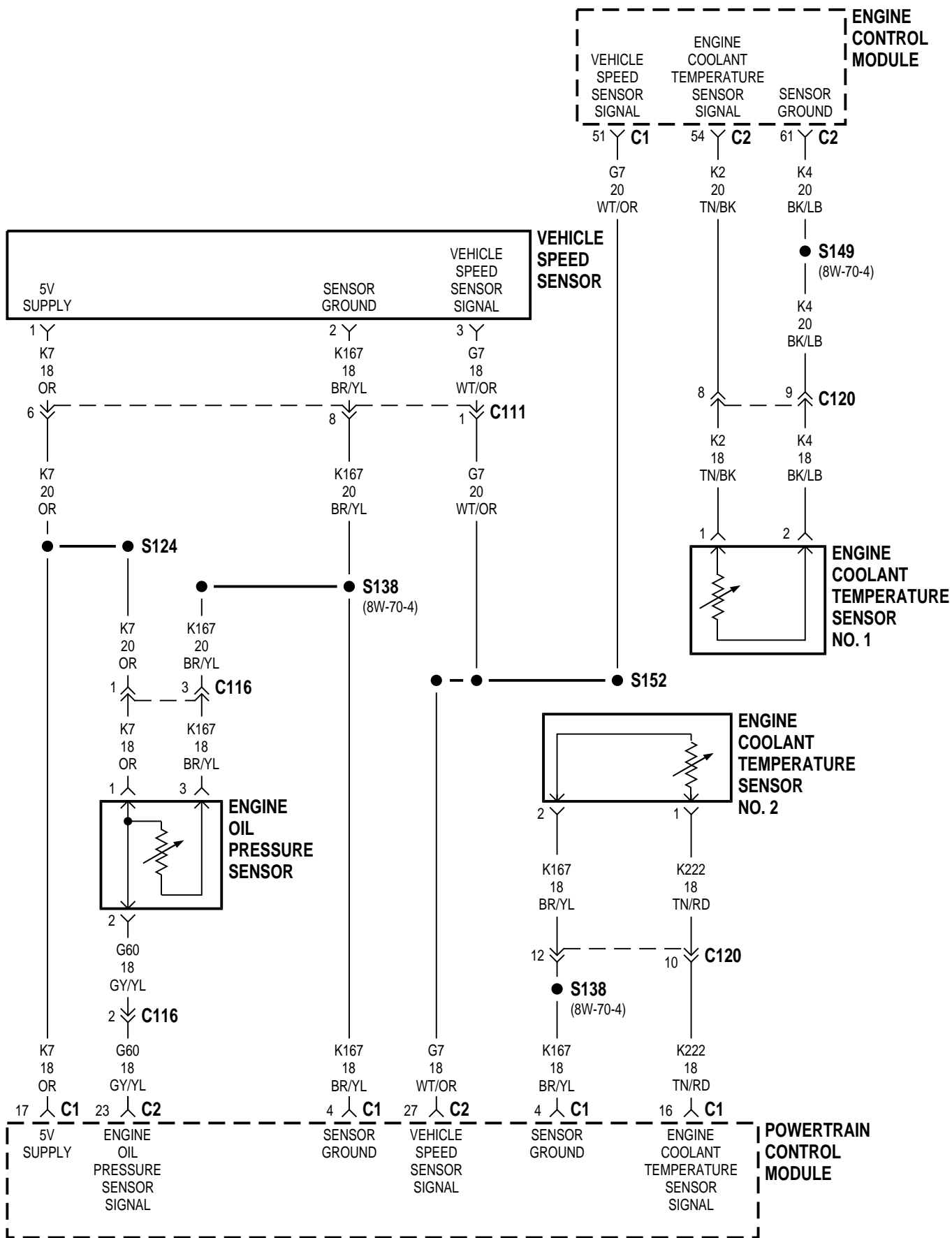


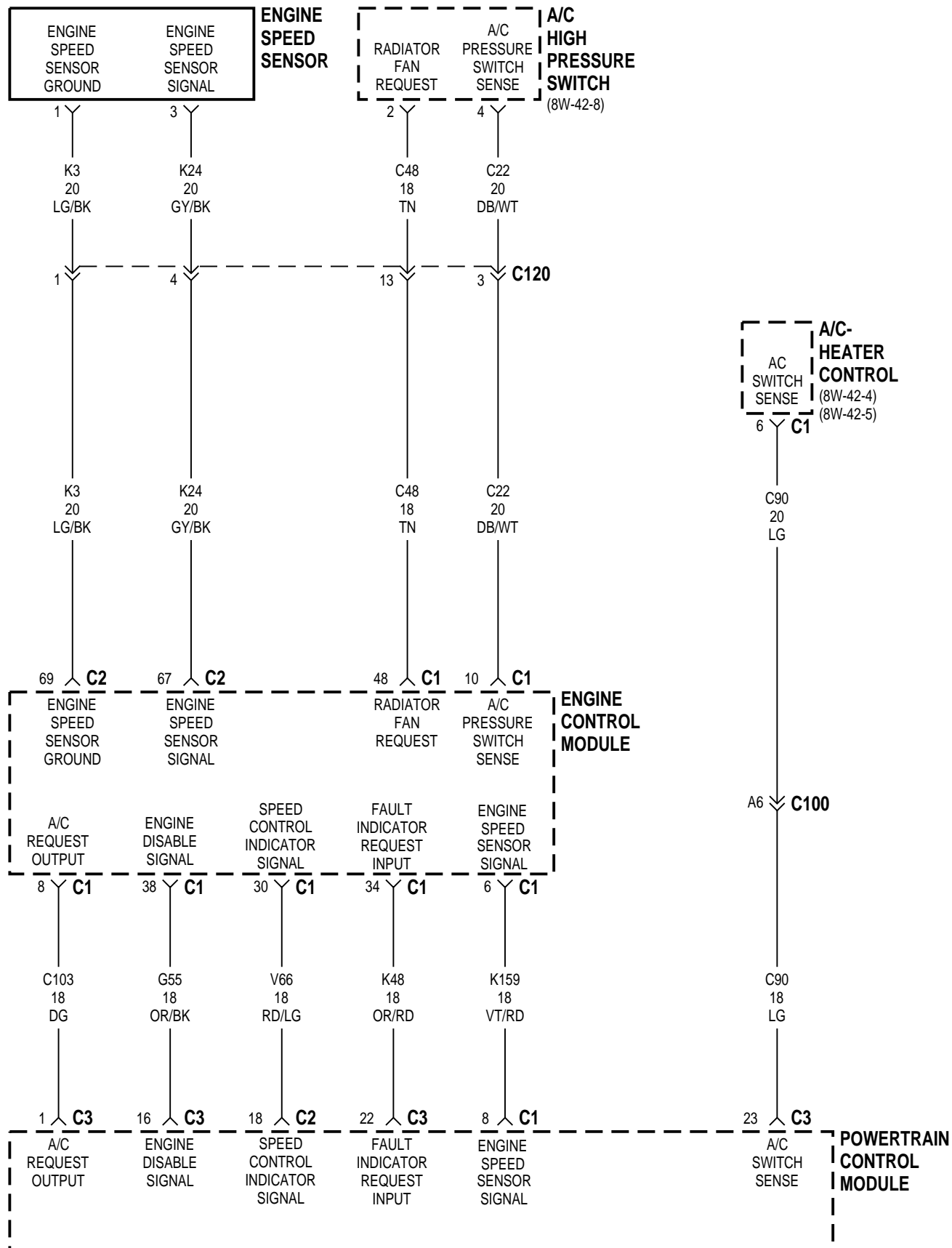


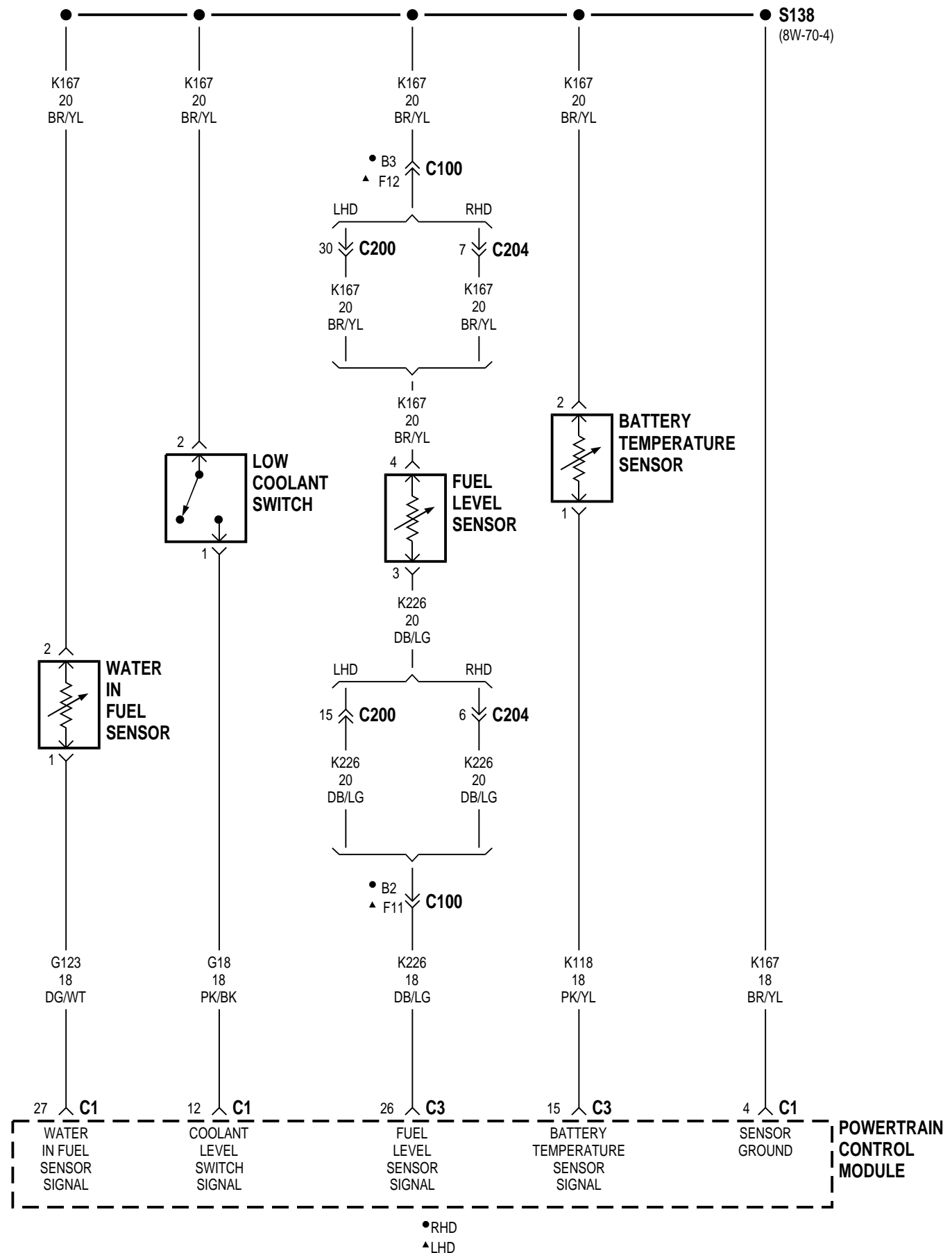
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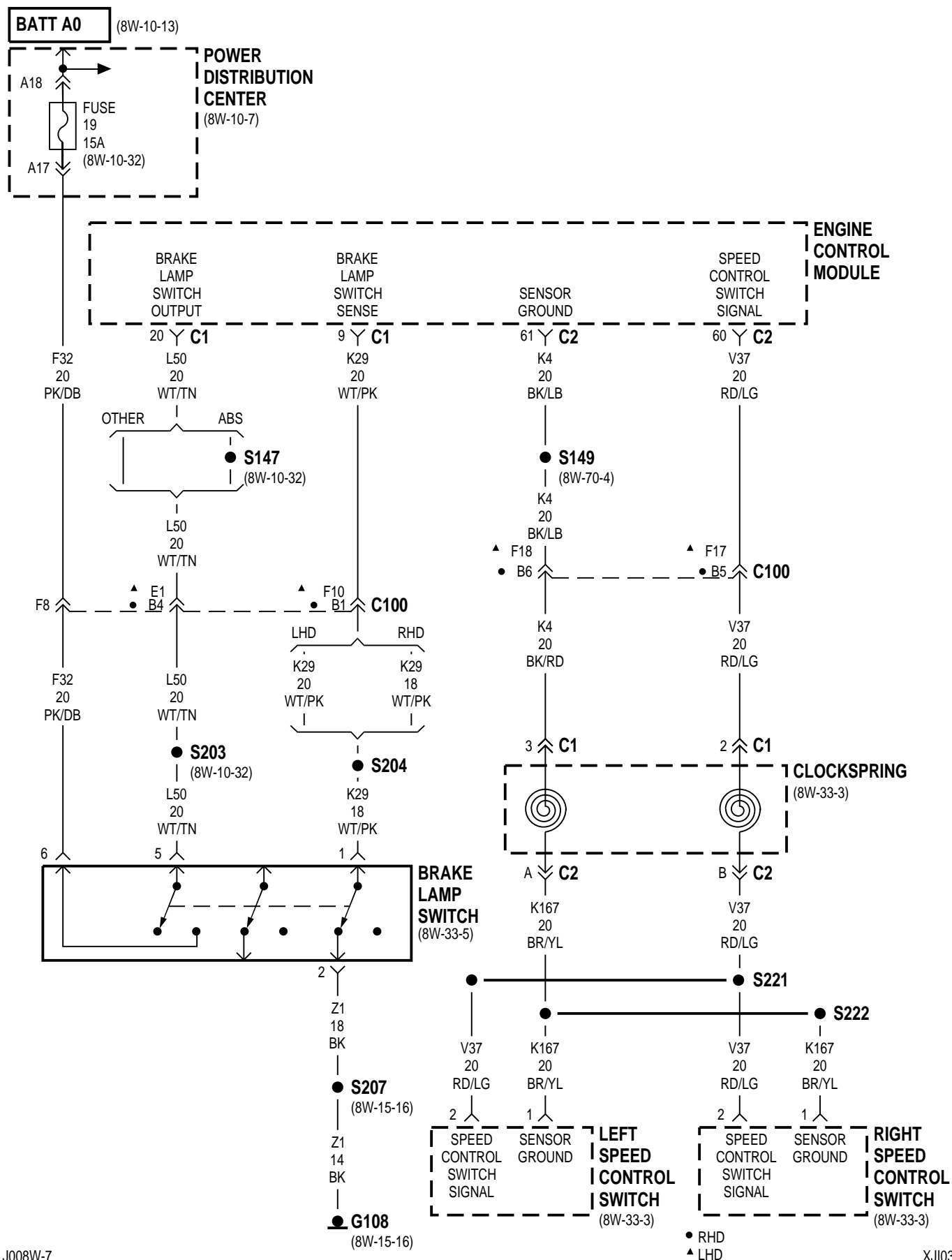




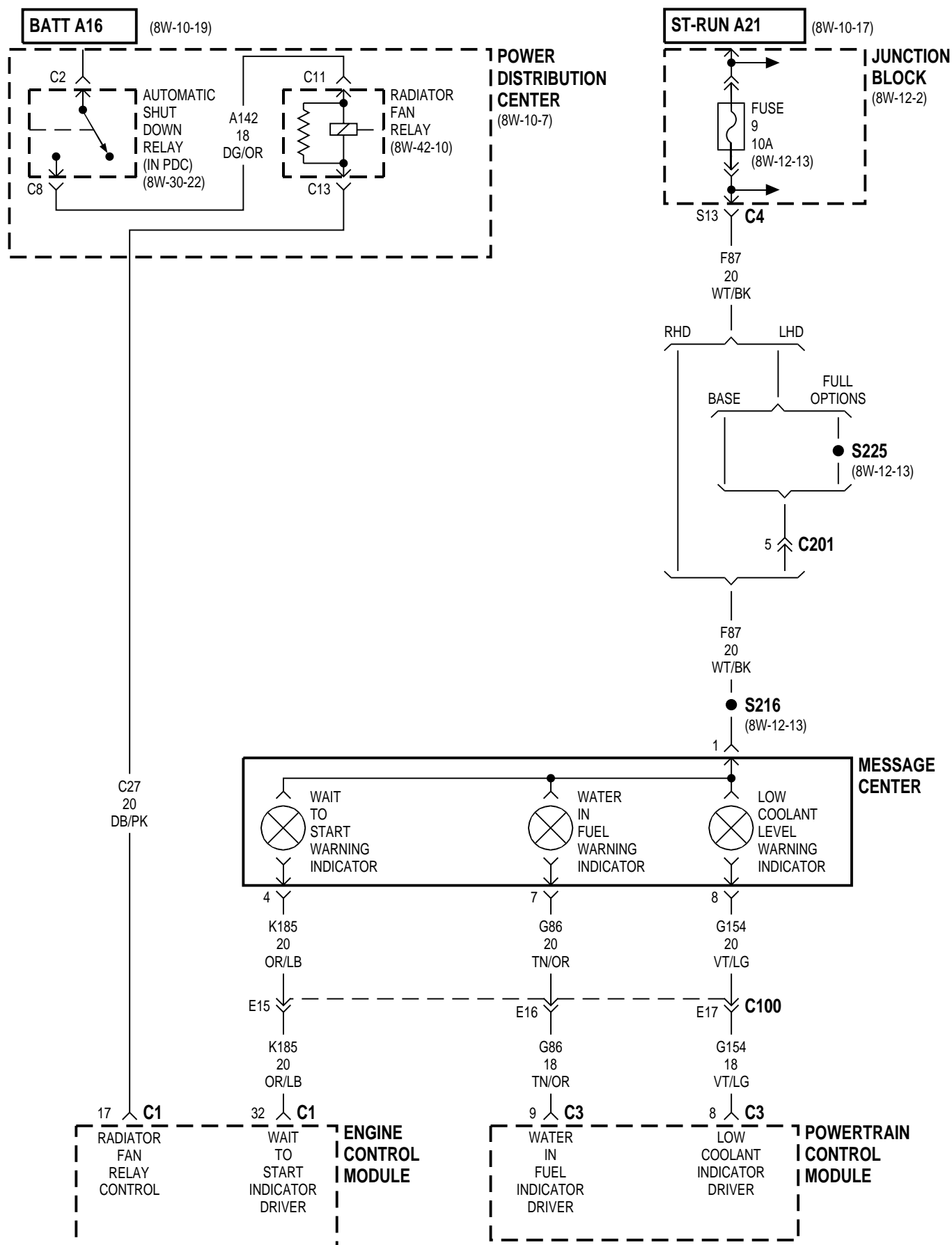


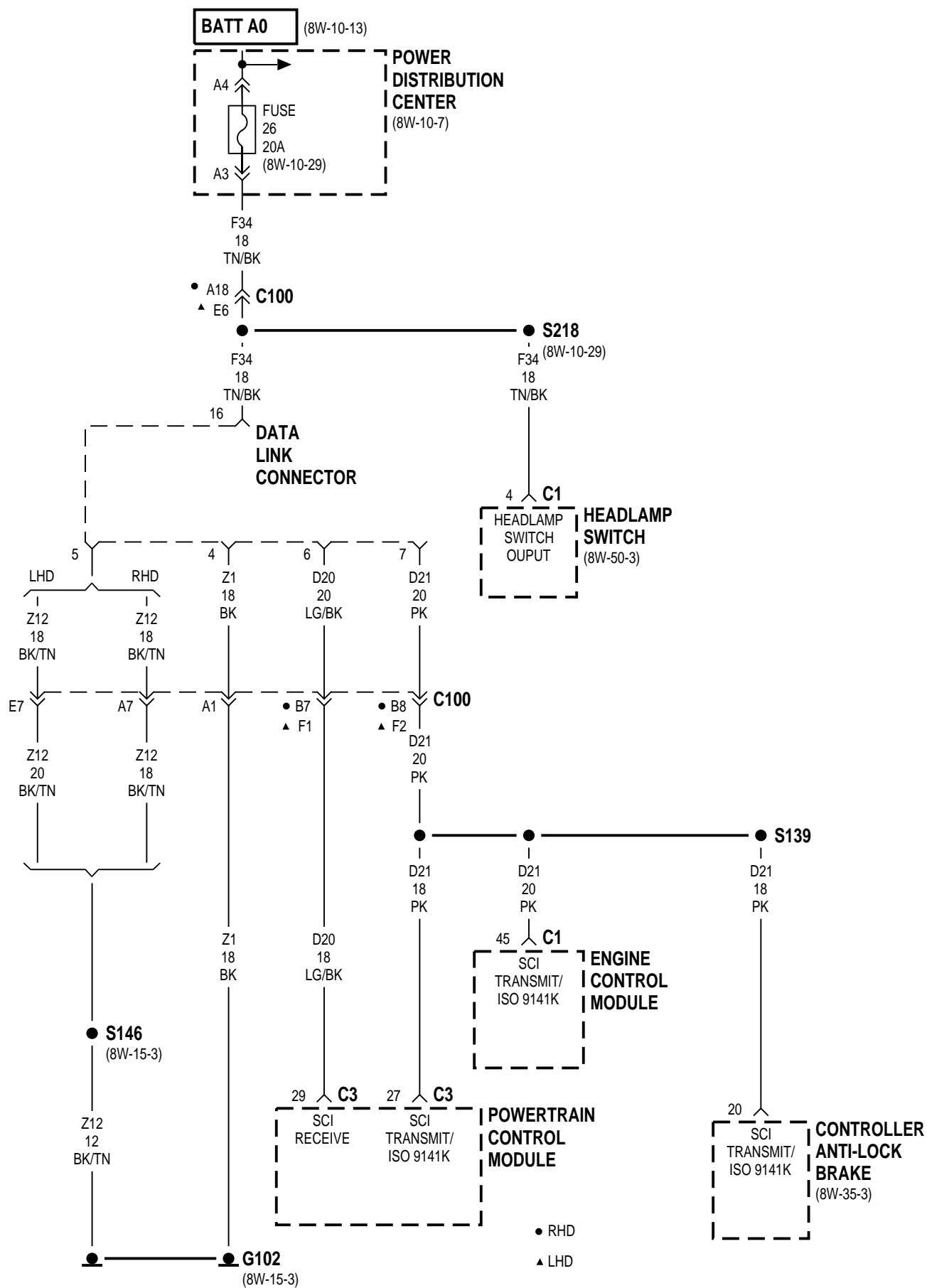








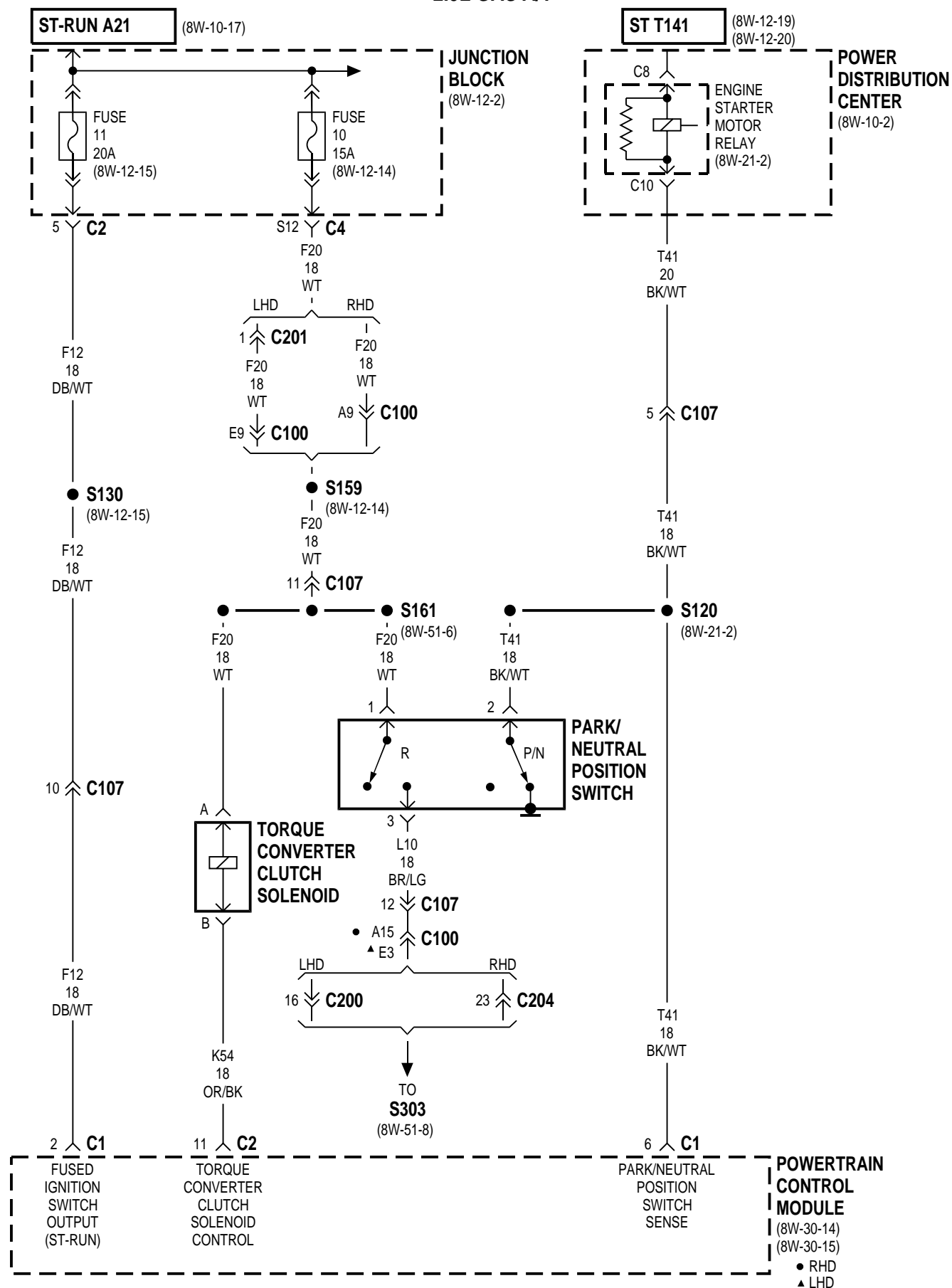


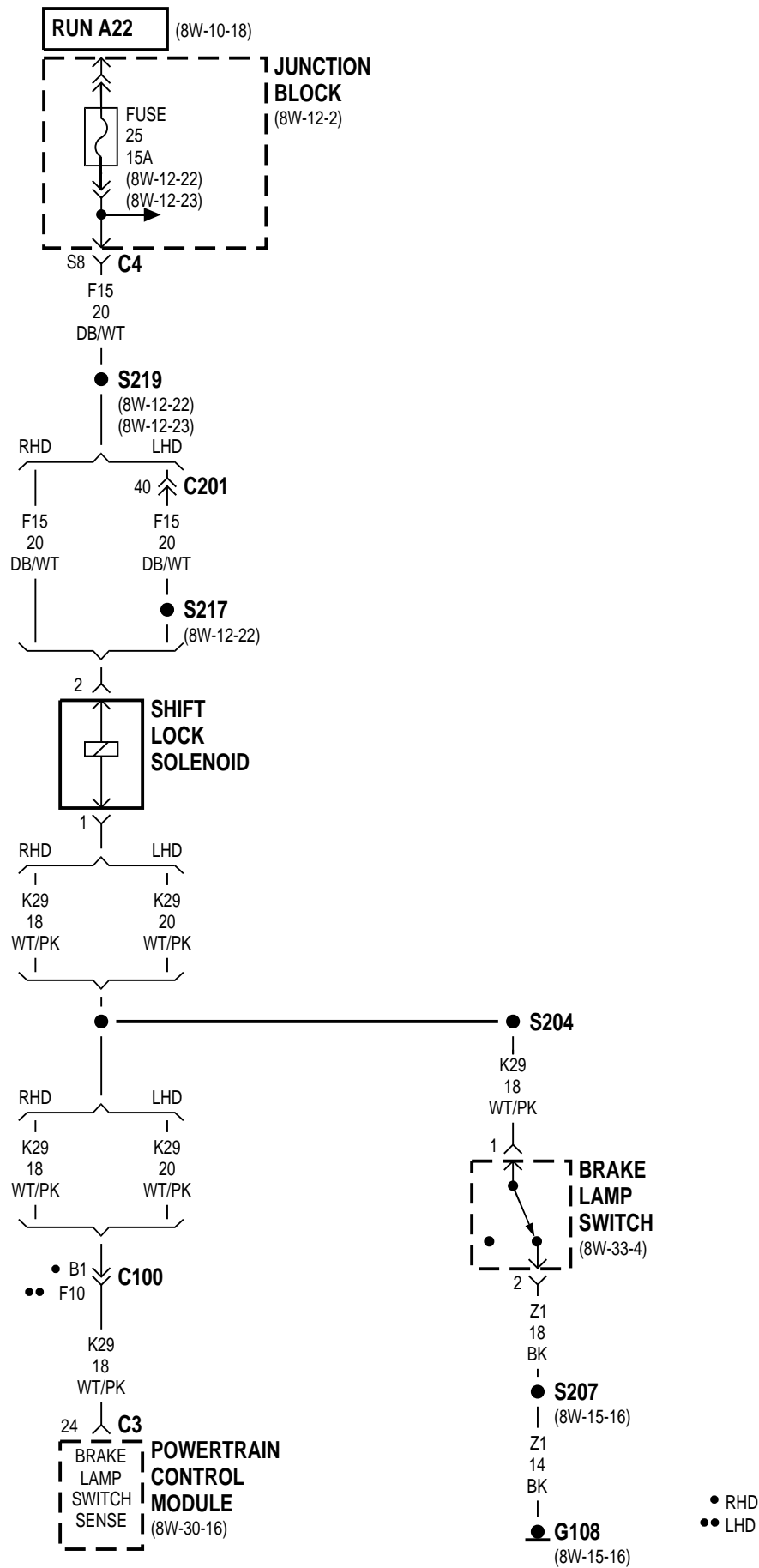


## 8W-31 TRANSMISSION CONTROL SYSTEM

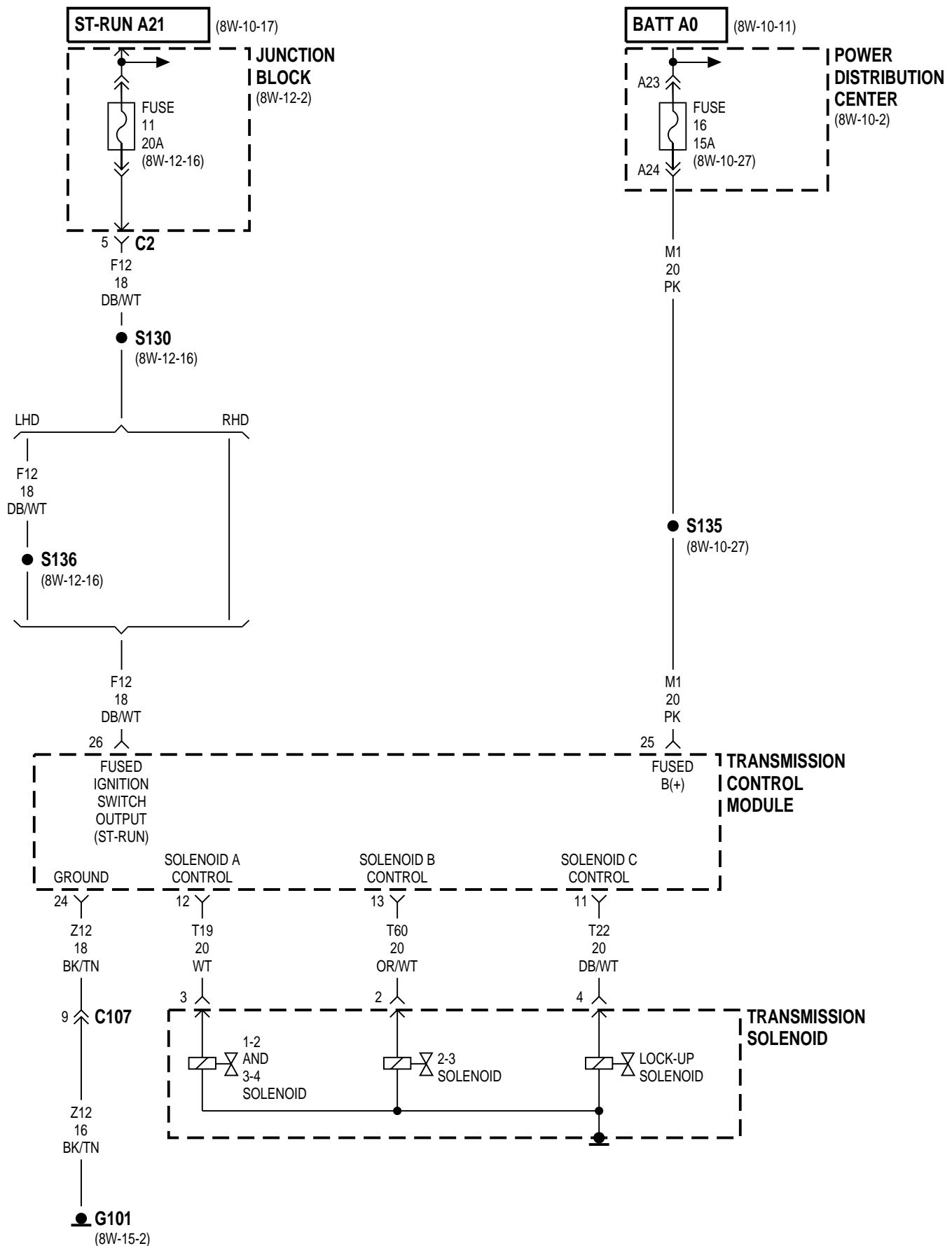
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Brake Lamp Switch .....	8W-31-3, 7	Lock-Up Solenoid .....	8W-31-4
Data Link Connector .....	8W-31-7	Output Speed Sensor .....	8W-31-5
Engine Starter Motor Relay .....	8W-31-2, 6	Park/Neutral Position Switch .....	8W-31-2
Fuse 10 (JB) .....	8W-31-2, 6	Power Distribution Center .....	8W-31-2, 4
Fuse 11 (JB) .....	8W-31-2, 4	Powertrain Control Module .....	8W-31-2, 3, 5, 7
Fuse 16 (PDC) .....	8W-31-4	Shift Lock Solenoid .....	8W-31-3, 7
Fuse 25 (JB) .....	8W-31-3, 7	Throttle Position Sensor .....	8W-31-5
G101 .....	8W-31-4	Torque Converter Clutch Solenoid .....	8W-31-2
G106 .....	8W-31-6	Transmission Control Module .....	8W-31-4, 5, 6, 7
G108 .....	8W-31-3, 7	Transmission Range Sensor .....	8W-31-6
Input Speed Sensor .....	8W-31-5	Transmission Solenoid .....	8W-31-4, 5
Junction Block .....	8W-31-2, 3, 4, 6, 7		

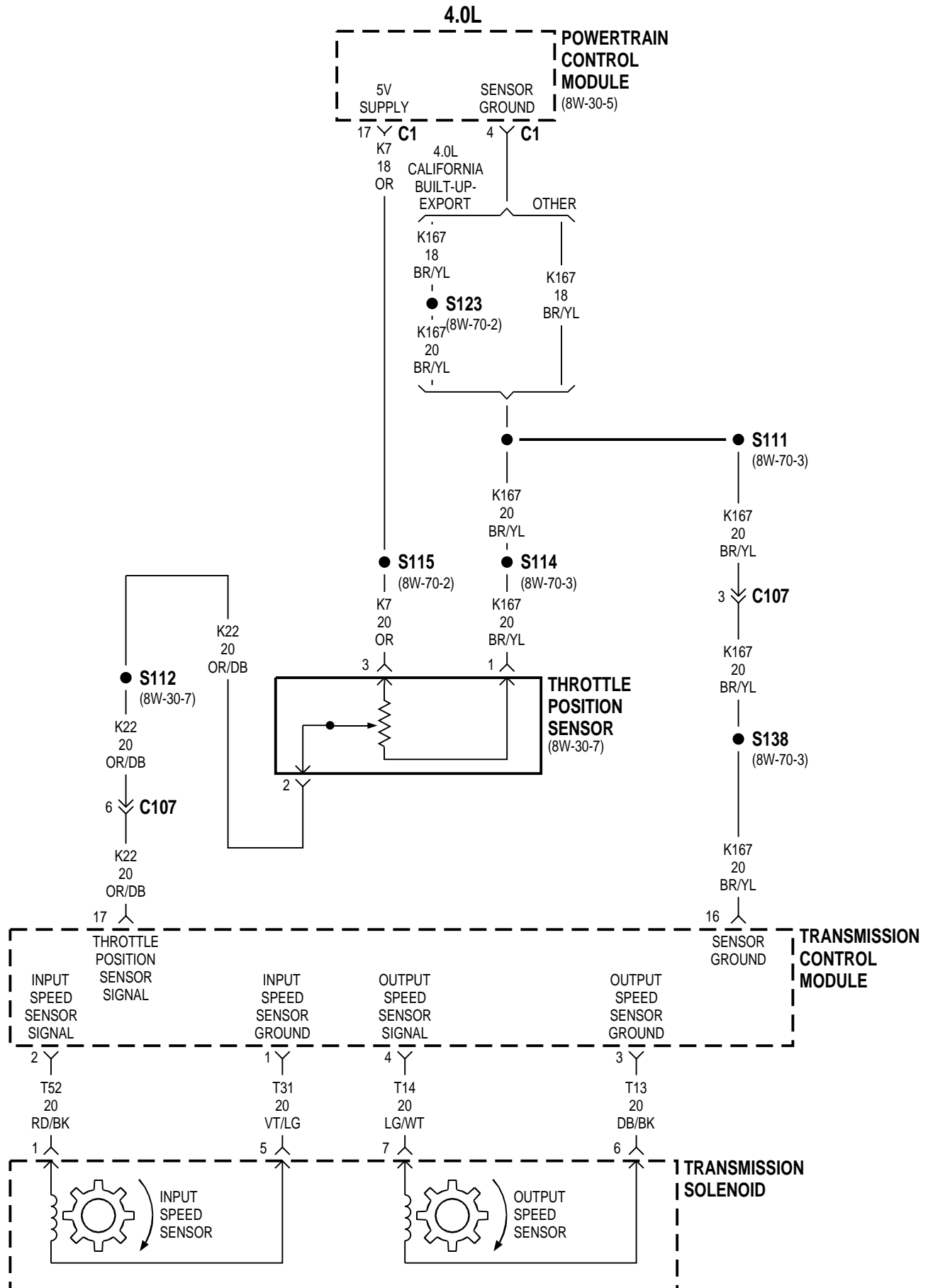
## 2.5L GAS A/T



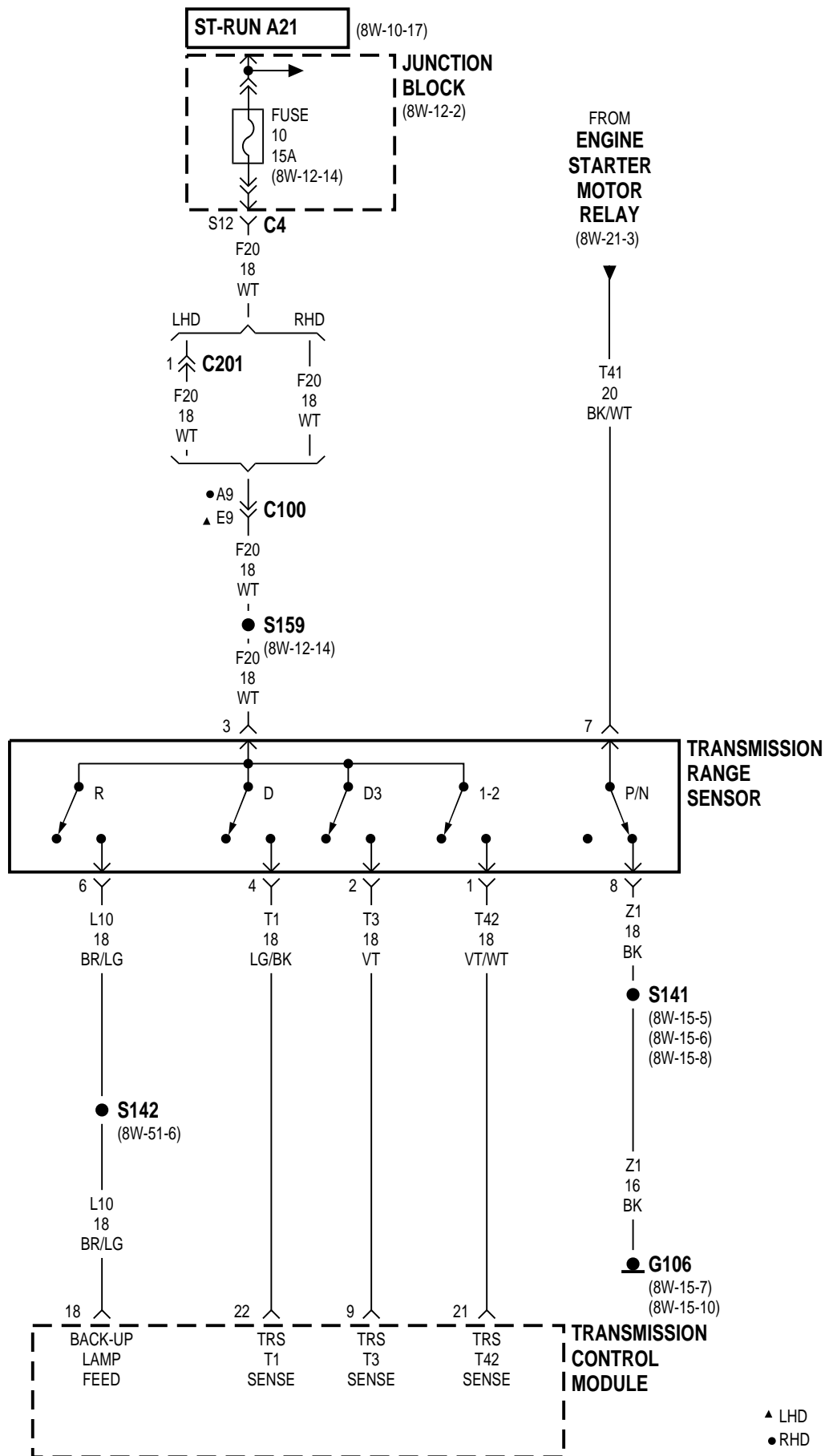


## 4.0L

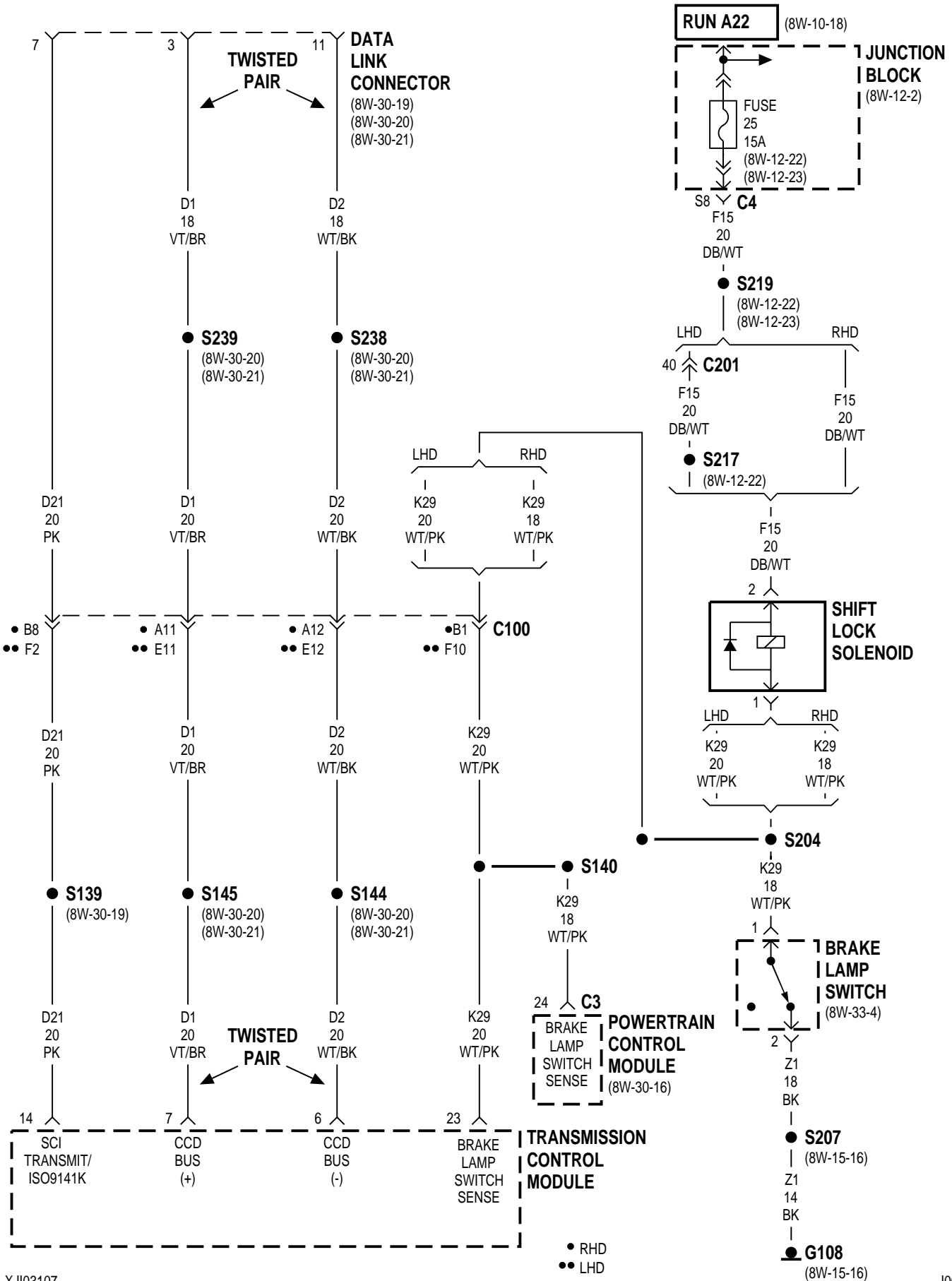




## 4.0L





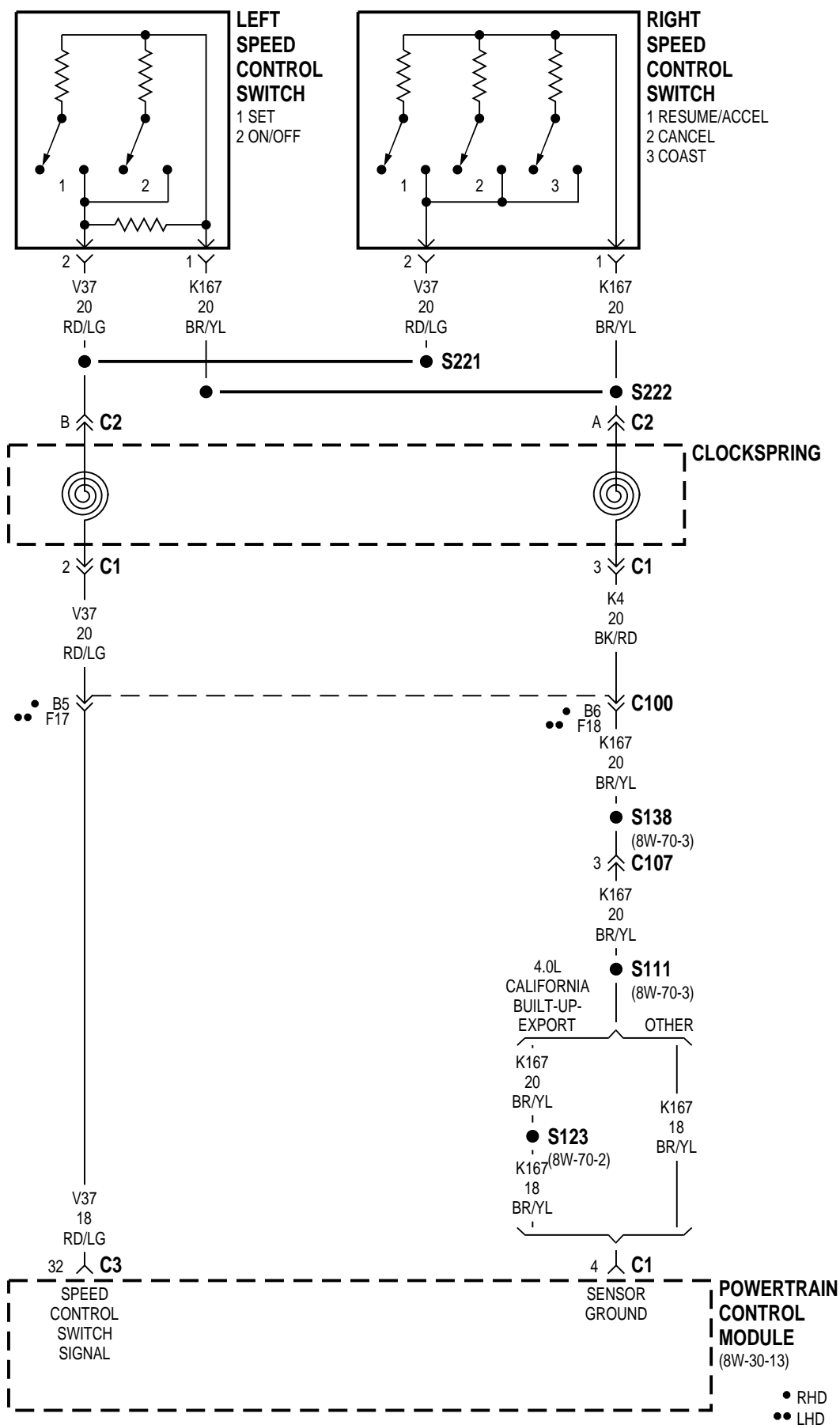


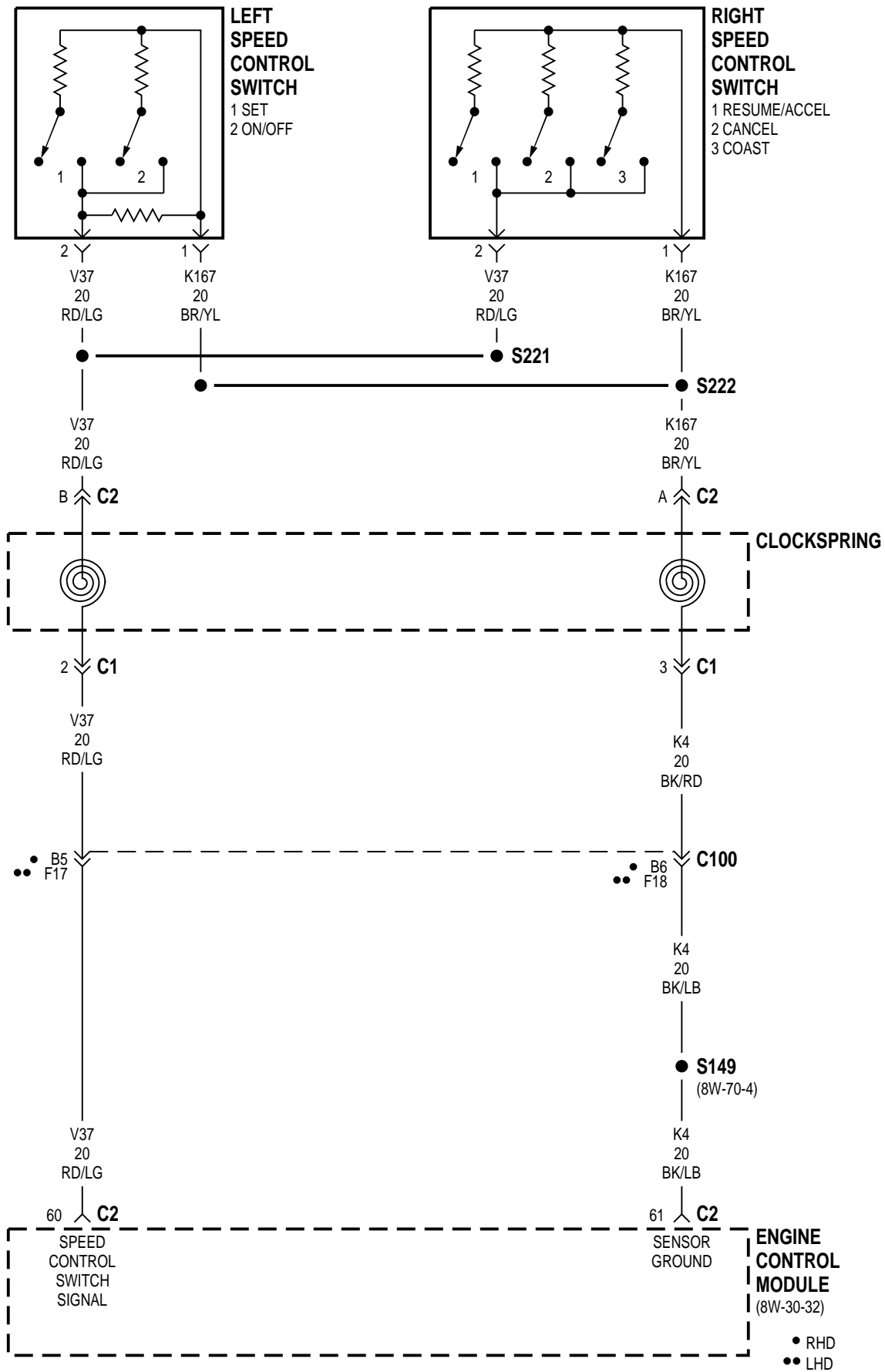


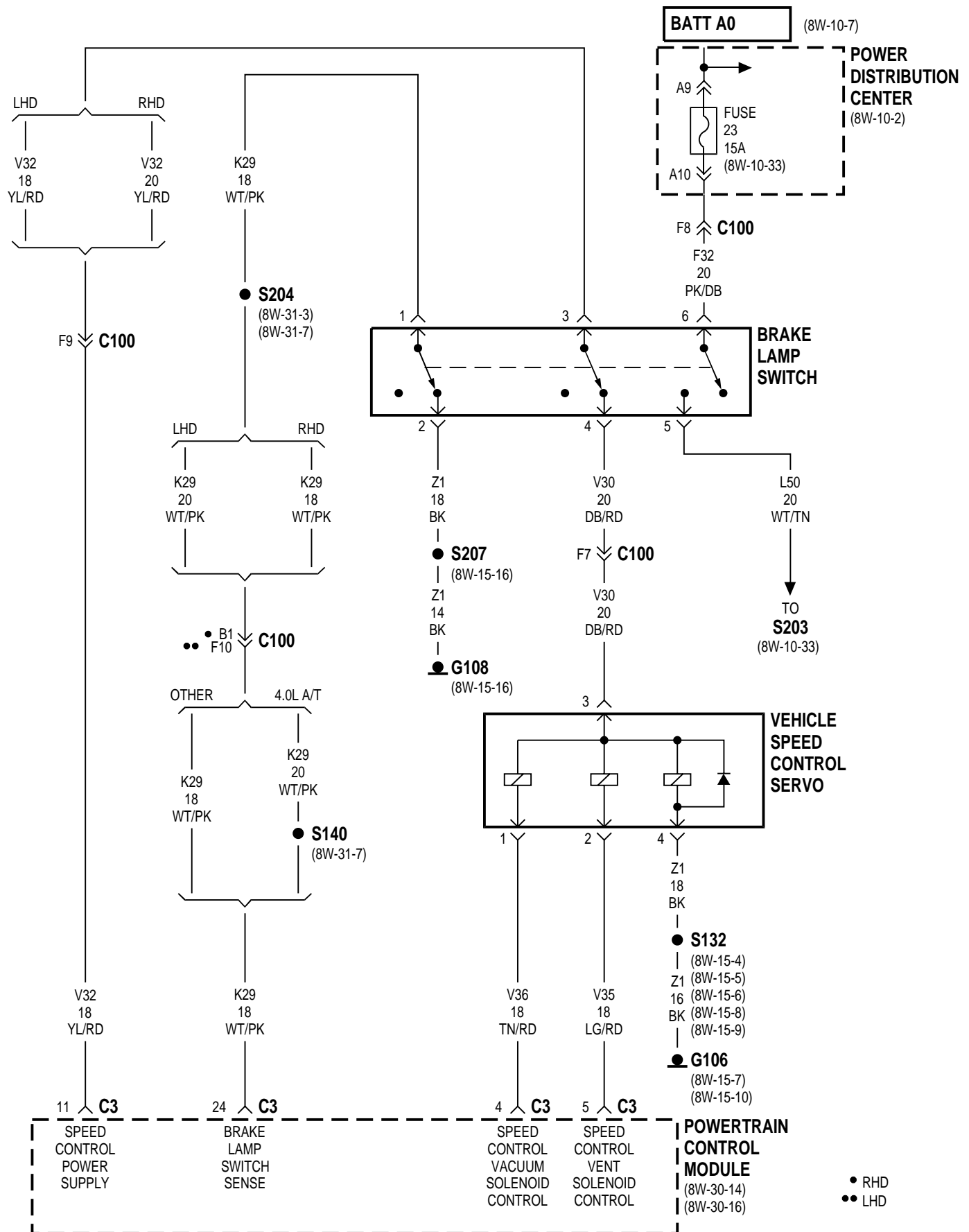
## 8W-33 VEHICLE SPEED CONTROL

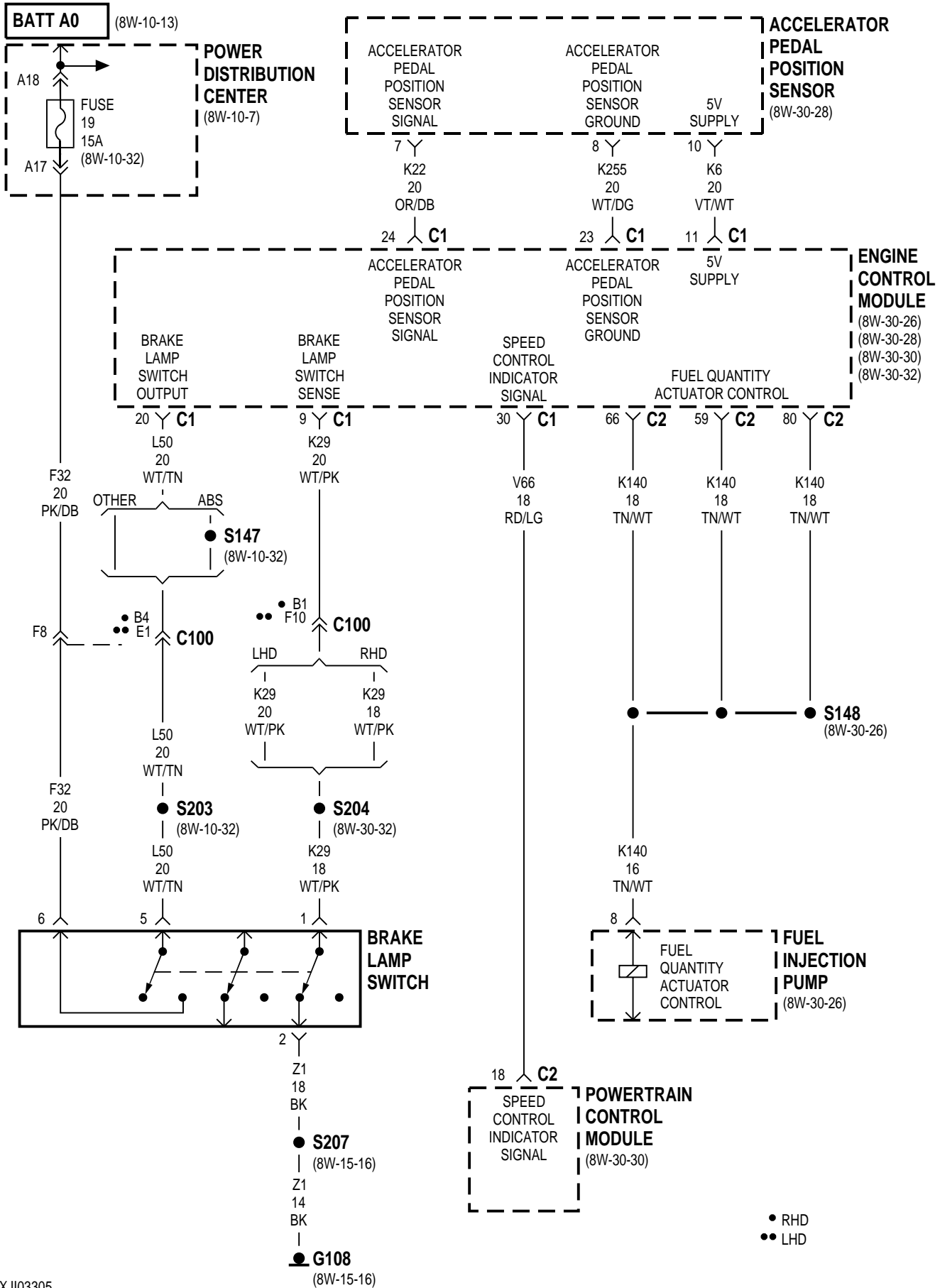
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Accelerator Pedal Position Sensor . . . . .	8W-33-5	G106 . . . . .	8W-33-4
Brake Lamp Switch . . . . .	8W-33-4, 5	G108 . . . . .	8W-33-4, 5
Clockspring . . . . .	8W-33-2, 3	Left Speed Control Switch . . . . .	8W-33-2, 3
Engine Control Module . . . . .	8W-33-3, 5	Power Distribution Center . . . . .	8W-33-4, 5
Fuel Injection Pump . . . . .	8W-33-5	Powertrain Control Module . . . . .	8W-33-2, 4, 5
Fuse 19 (PDC) . . . . .	8W-33-5	Right Speed Control Switch . . . . .	8W-33-2, 3
Fuse 23 (PDC) . . . . .	8W-33-4	Vehicle Speed Control Servo . . . . .	8W-33-4

## GAS







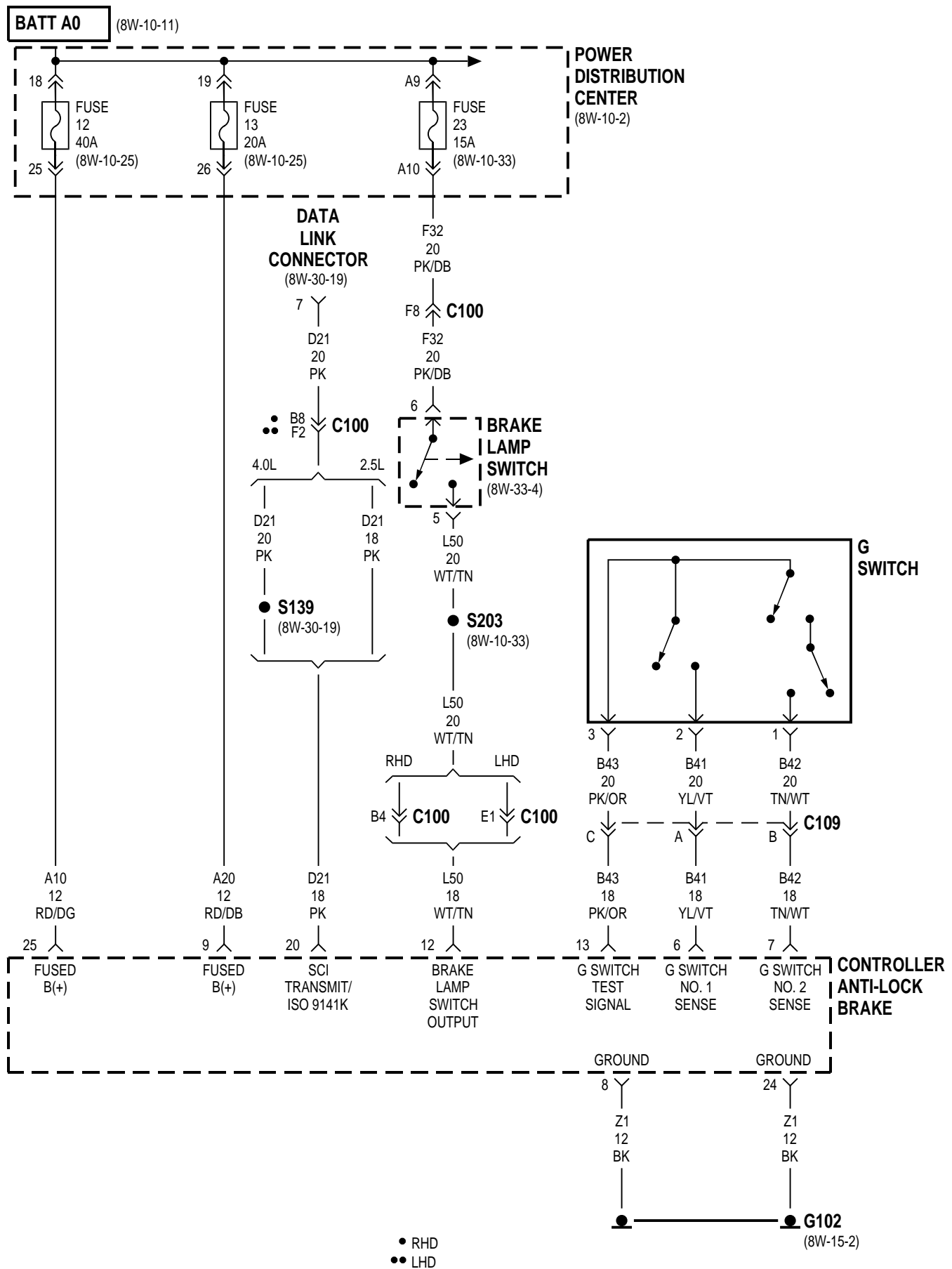


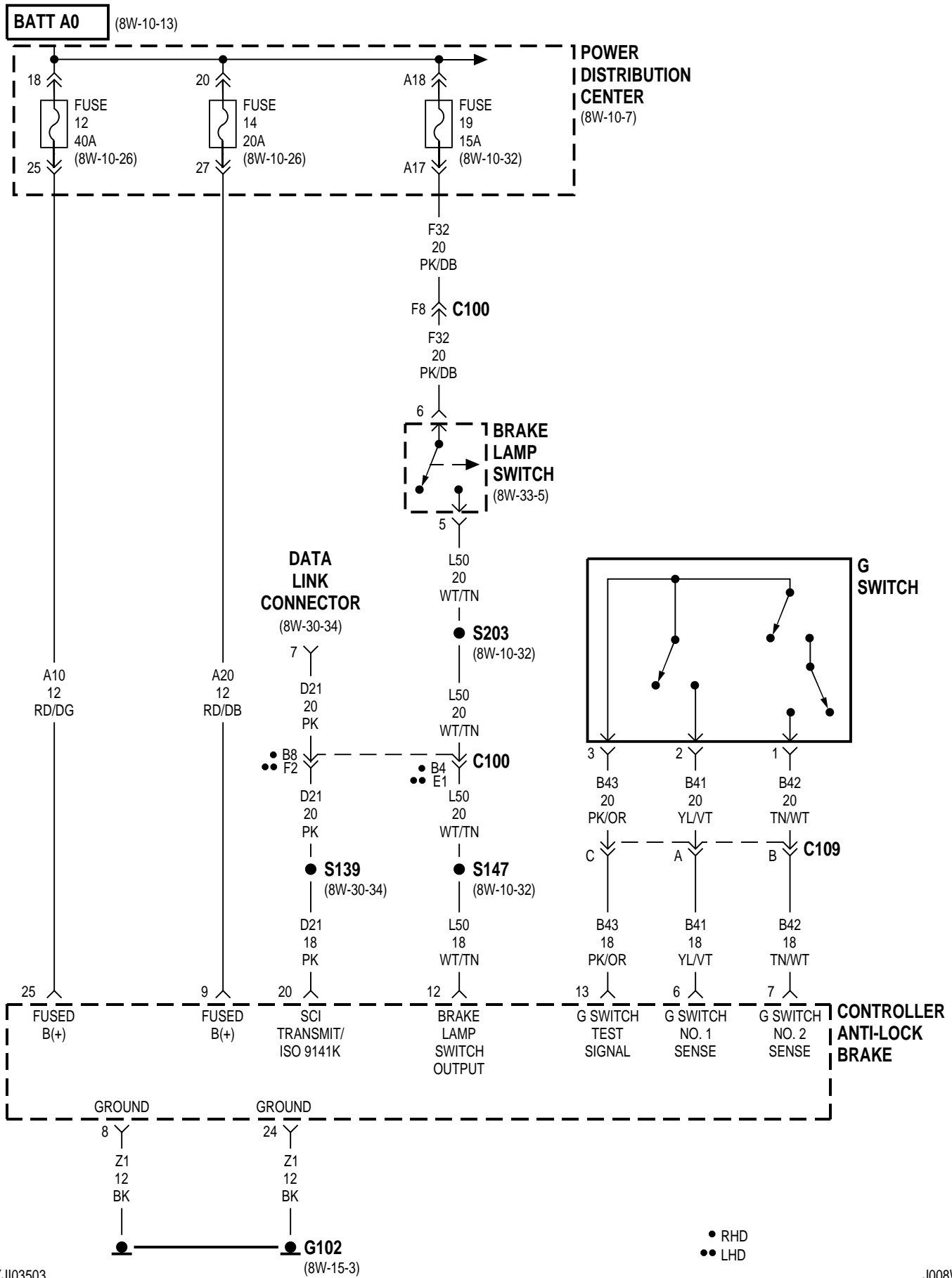


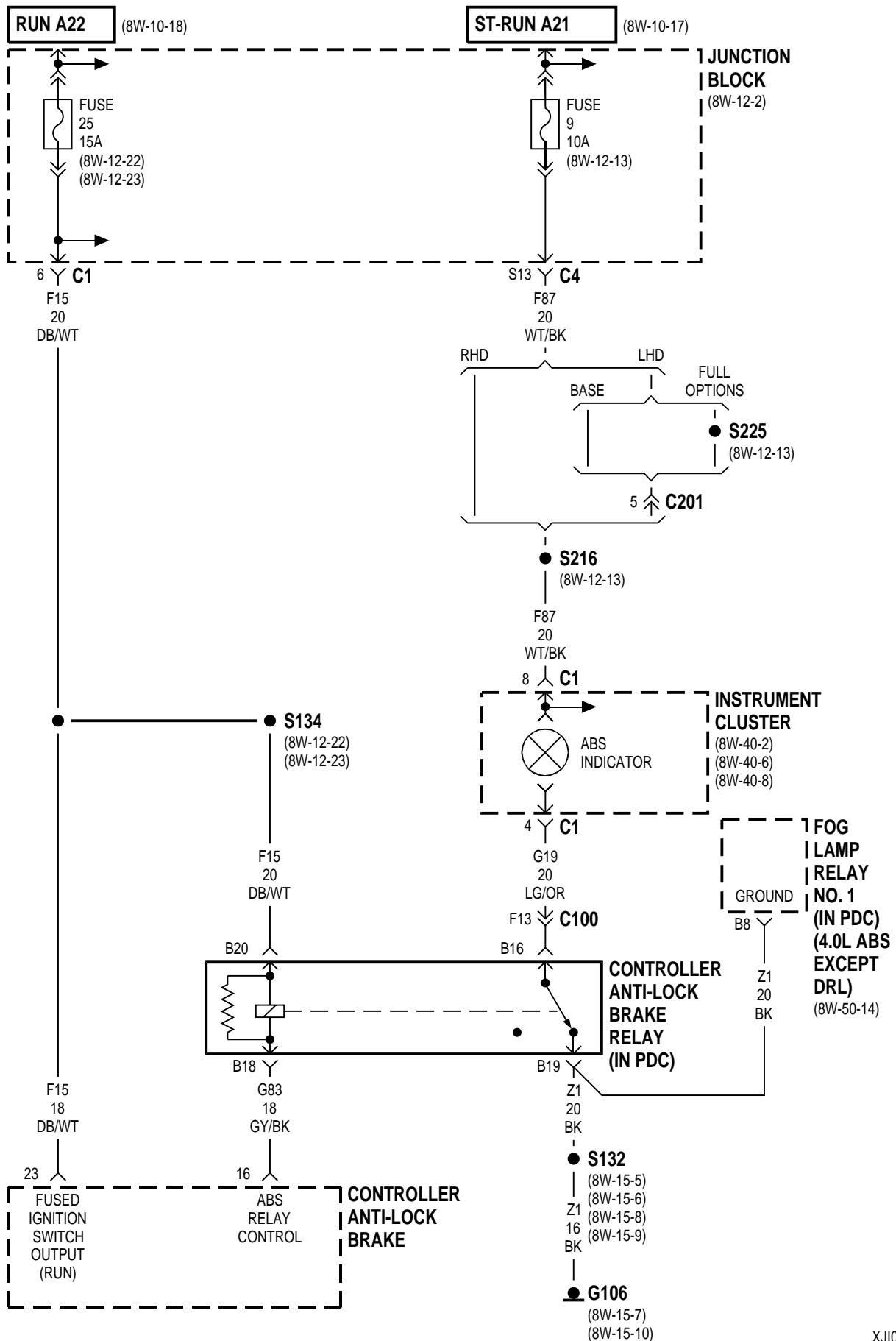


## 8W-35 ANTI-LOCK BRAKES

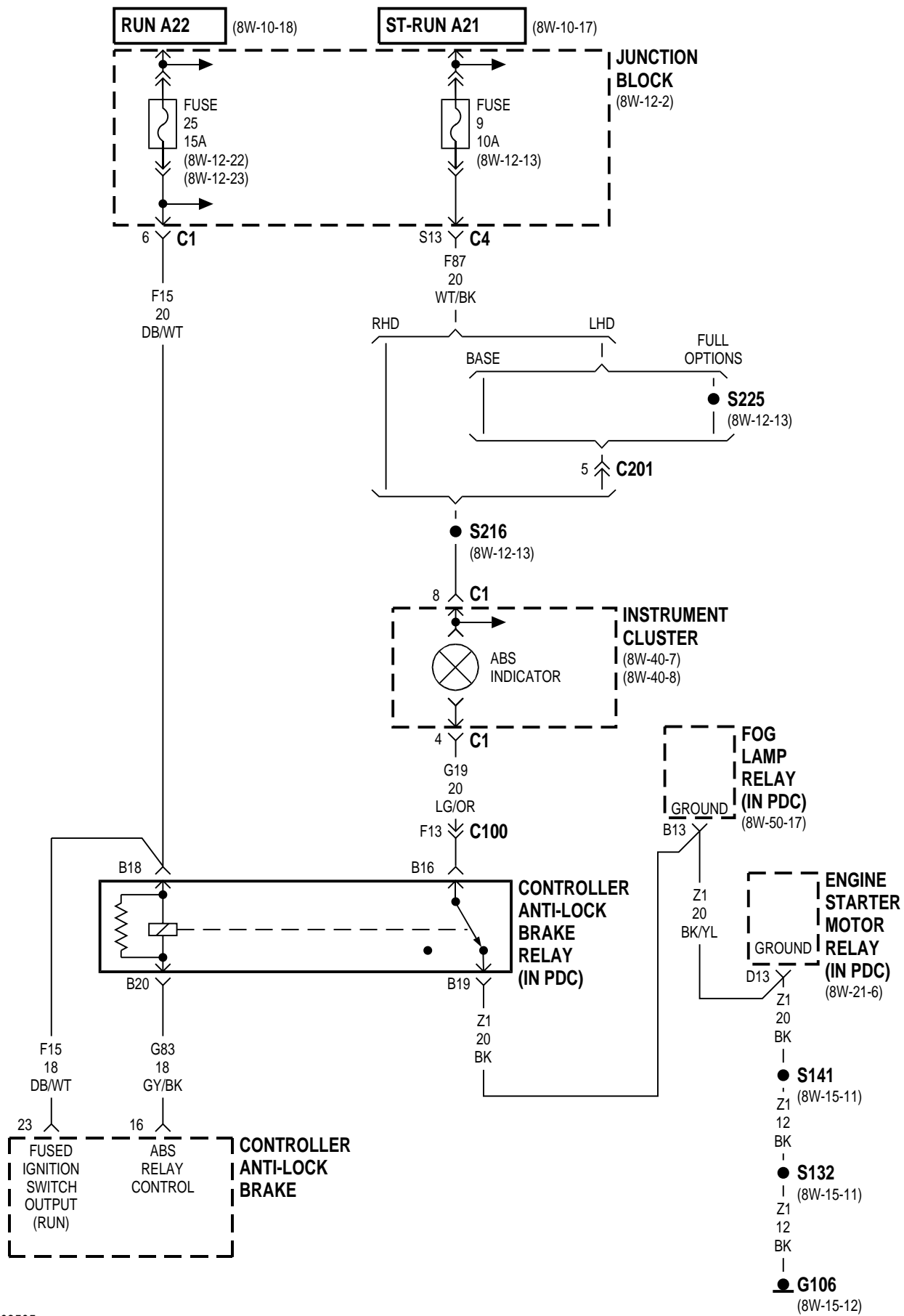
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
ABS Indicator . . . . .	8W-35-4, 5	Fuse 23 (PDC) . . . . .	8W-35-2
Brake Lamp Switch . . . . .	8W-35-2, 3	Fuse 25 (JB) . . . . .	8W-35-4, 5
Controller Anti-Lock Brake . . . . .	8W-35-2, 3, 4, 5, 6	G Switch . . . . .	8W-35-2, 3
Controller Anti-Lock Brake Relay . . . . .	8W-35-4, 5	G102 . . . . .	8W-35-2, 3
Data Link Connector . . . . .	8W-35-2, 3	G106 . . . . .	8W-35-4, 5
Engine Starter Motor Relay . . . . .	8W-35-5	Instrument Cluster . . . . .	8W-35-4, 5
Fog Lamp Relay . . . . .	8W-35-5	Junction Block . . . . .	8W-35-4, 5
Fog Lamp Relay No. 1 . . . . .	8W-35-4	Left Front Wheel Speed Sensor . . . . .	8W-35-6
Fuse 9 (JB) . . . . .	8W-35-4, 5	Left Rear Wheel Speed Sensor . . . . .	8W-35-6
Fuse 12 (PDC) . . . . .	8W-35-2, 3	Power Distribution Center . . . . .	8W-35-2, 3
Fuse 13 (PDC) . . . . .	8W-35-2	Right Front Wheel Speed Sensor . . . . .	8W-35-6
Fuse 14 (PDC) . . . . .	8W-35-3	Right Rear Wheel Speed Sensor . . . . .	8W-35-6
Fuse 19 (PDC) . . . . .	8W-35-3		

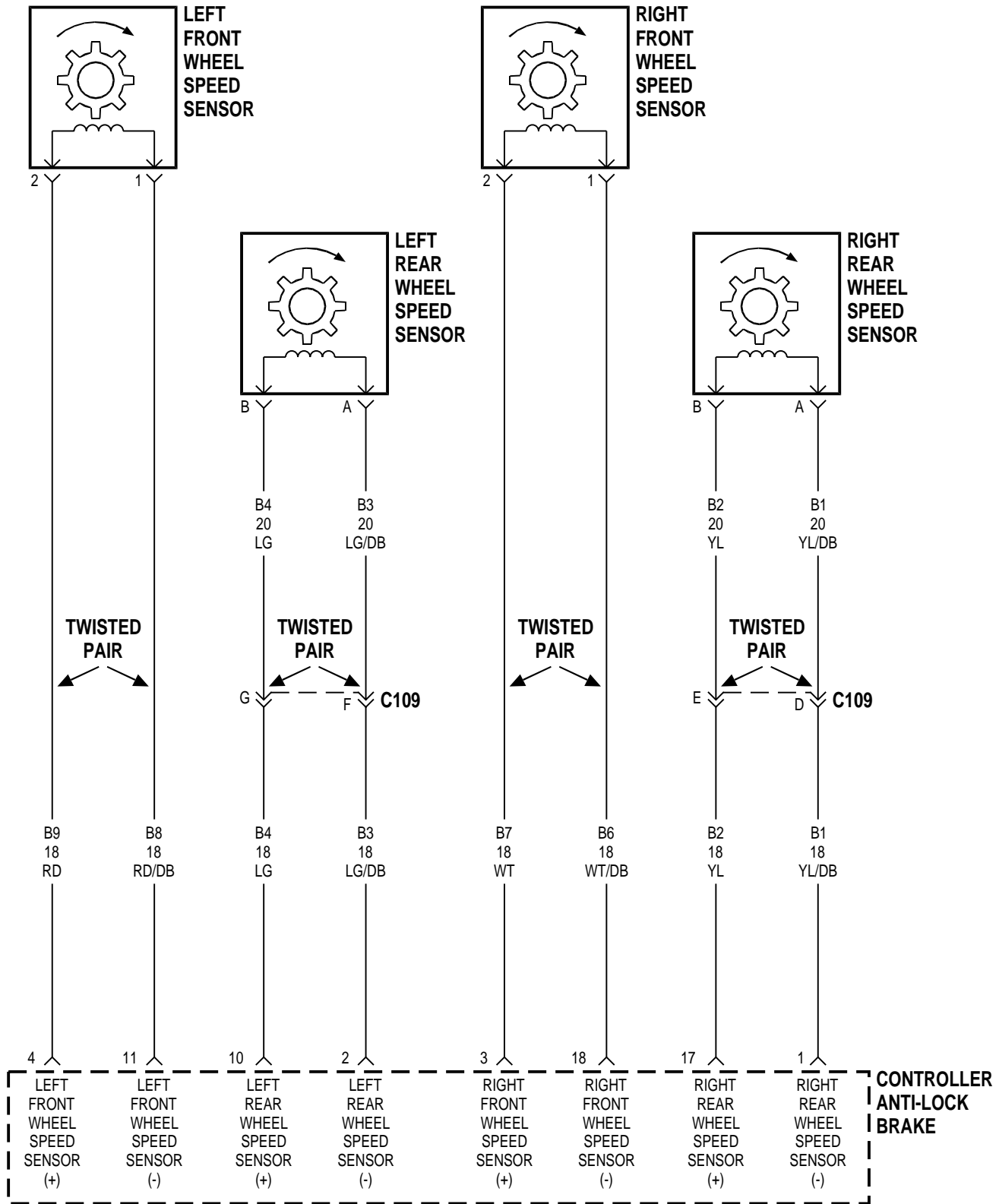






## DIESEL

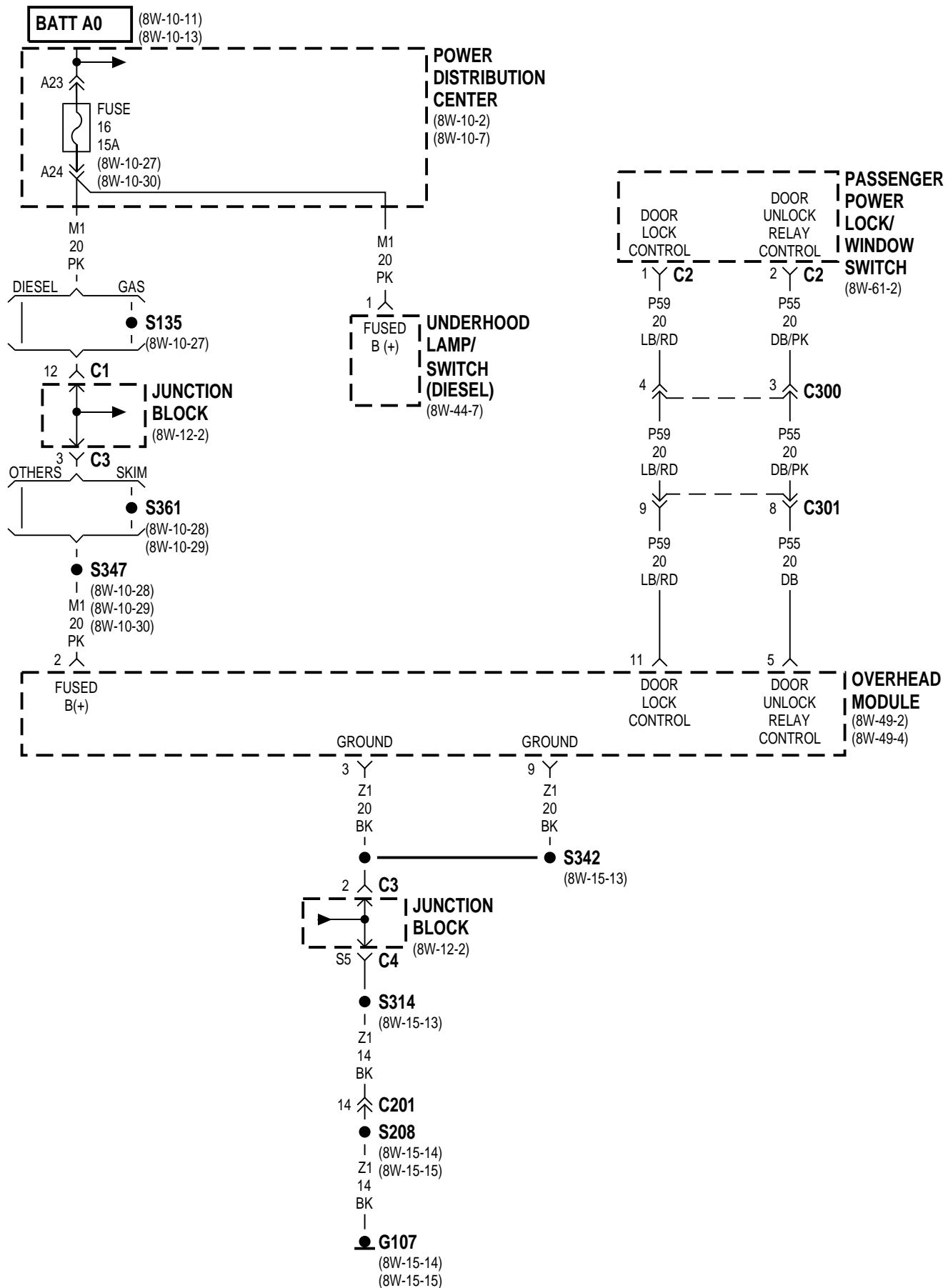




## 8W-39 VEHICLE THEFT SECURITY SYSTEM

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Cargo Lamp/Switch . . . . .	8W-39-6, 7	Horn Relay . . . . .	8W-39-8, 9
Data Link Connector . . . . .	8W-39-8, 9	Ignition Switch . . . . .	8W-39-6, 7
Driver Door Jamb Switch . . . . .	8W-39-6, 7	Instrument Cluster . . . . .	8W-39-8, 9
Engine Control Module . . . . .	8W-39-8, 9	Junction Block . . . . .	8W-39-2, 3, 4, 5, 6, 7, 8, 9
Fuse 16 (PDC) . . . . .	8W-39-2, 3	Left Rear Door Jamb Switch . . . . .	8W-39-6, 7
Fuse 27 (PDC) . . . . .	8W-39-4, 5	Liftgate Switch . . . . .	8W-39-6, 7
Fuse 9 (JB) . . . . .	8W-39-4, 5	Overhead Module . . . . .	8W-39-2, 3, 6, 7, 8, 9
G107 . . . . .	8W-39-2, 3	Passenger Door Jamb Switch . . . . .	8W-39-6, 7
G108 . . . . .	8W-39-4, 5	Passenger Power Lock/Window Switch . .	8W-39-2, 3
G302 . . . . .	8W-39-6, 7	Power Distribution Center . . . .	8W-39-2, 3, 4, 5, 8, 9
G303 . . . . .	8W-39-6, 7	Right Rear Door Jamb Switch . . . . .	8W-39-6, 7
G304 . . . . .	8W-39-6, 7	Sentry Key Immobilizer Module . . .	8W-39-4, 5, 8, 9
Headlamp Switch . . . . .	8W-39-6, 7	Underhood Lamp/Switch . . . . .	8W-39-2, 3

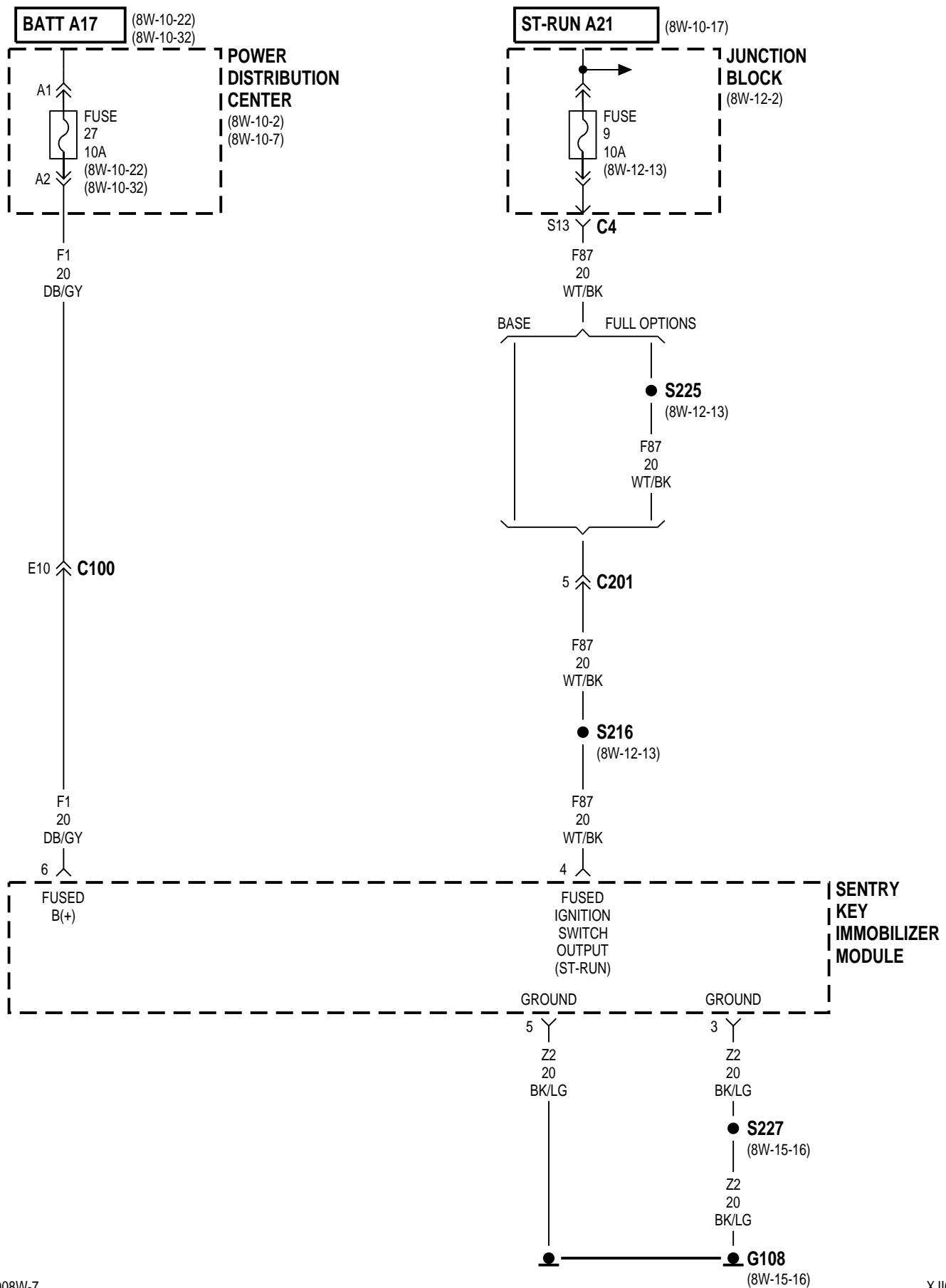
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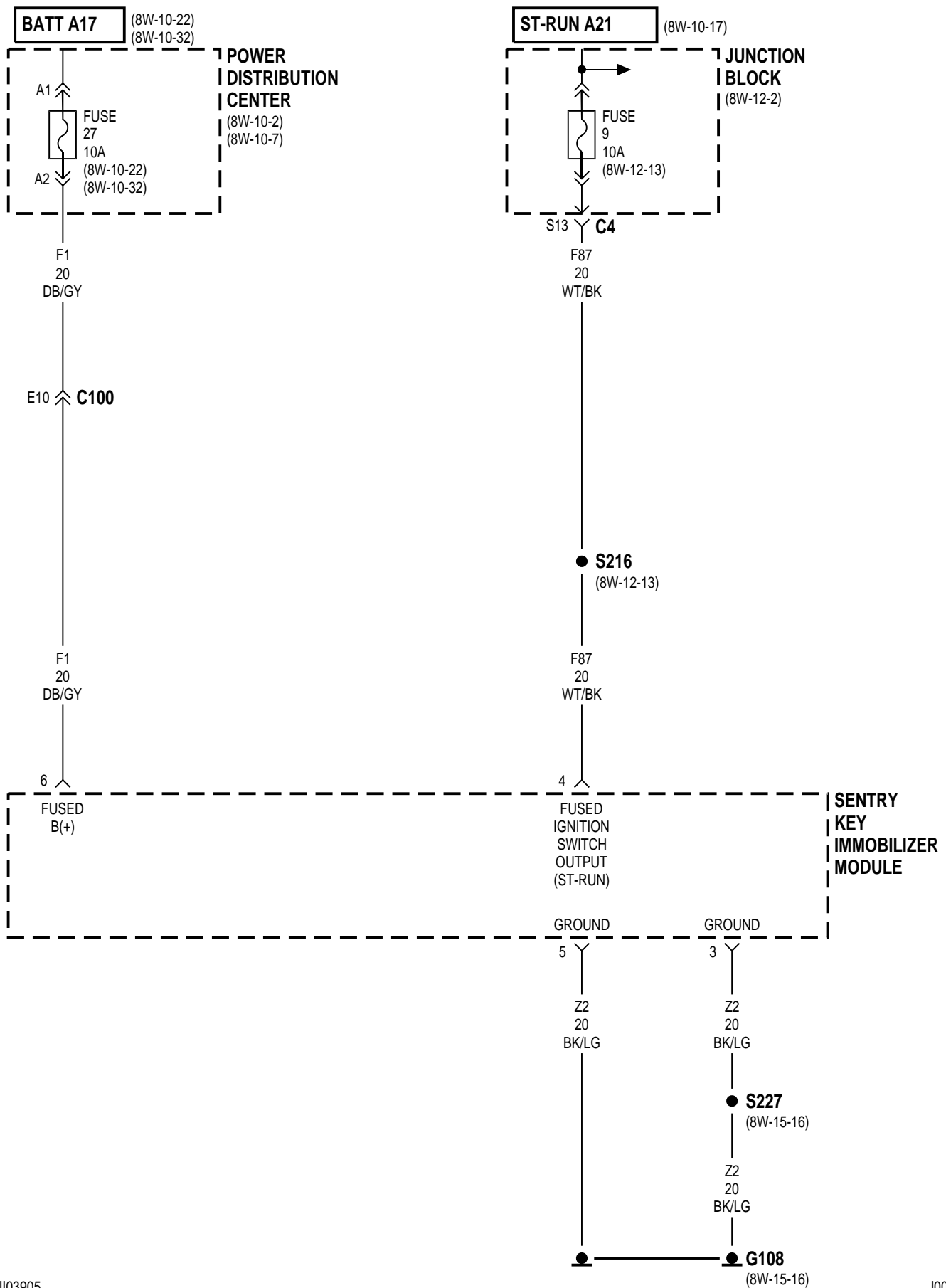




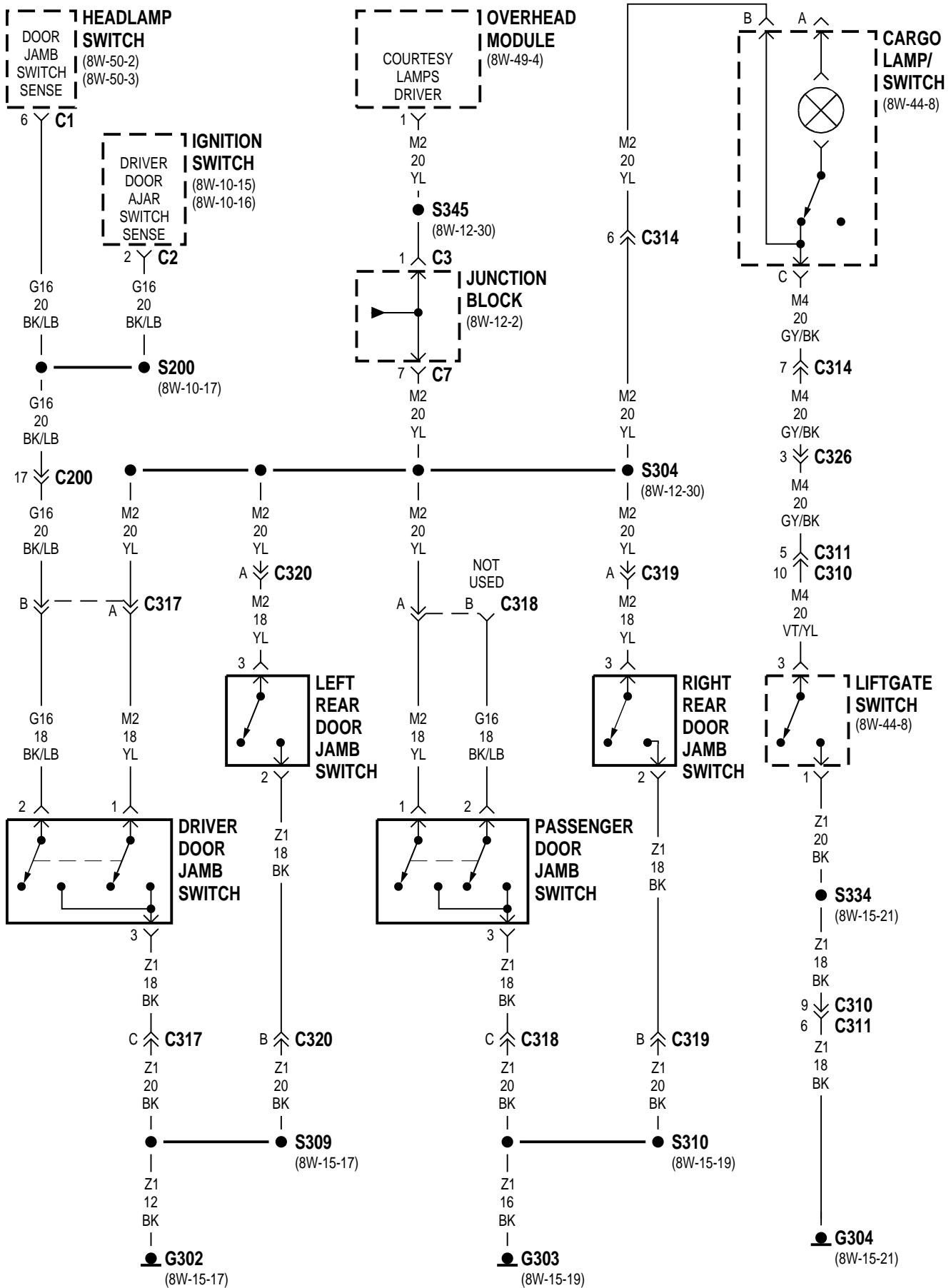


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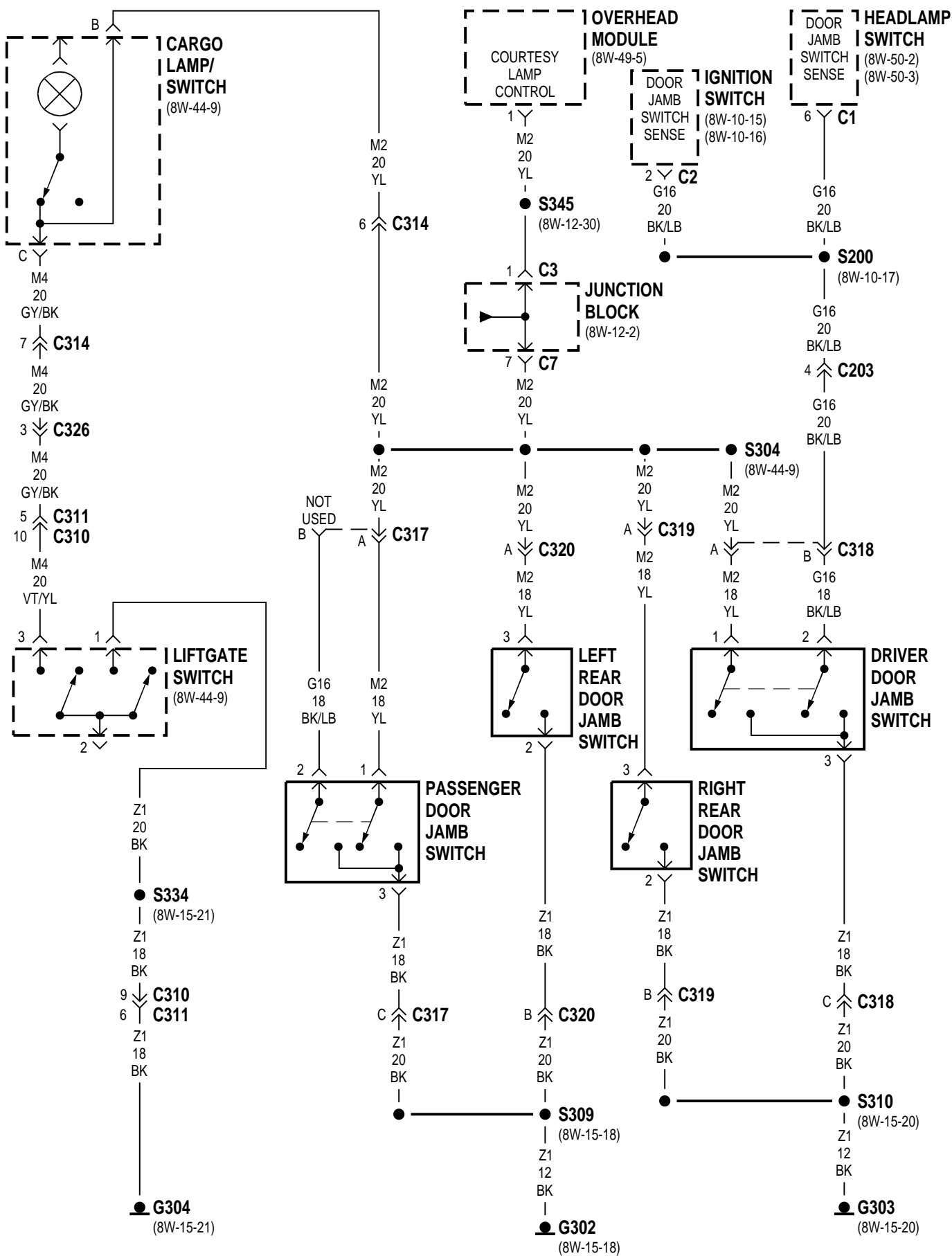




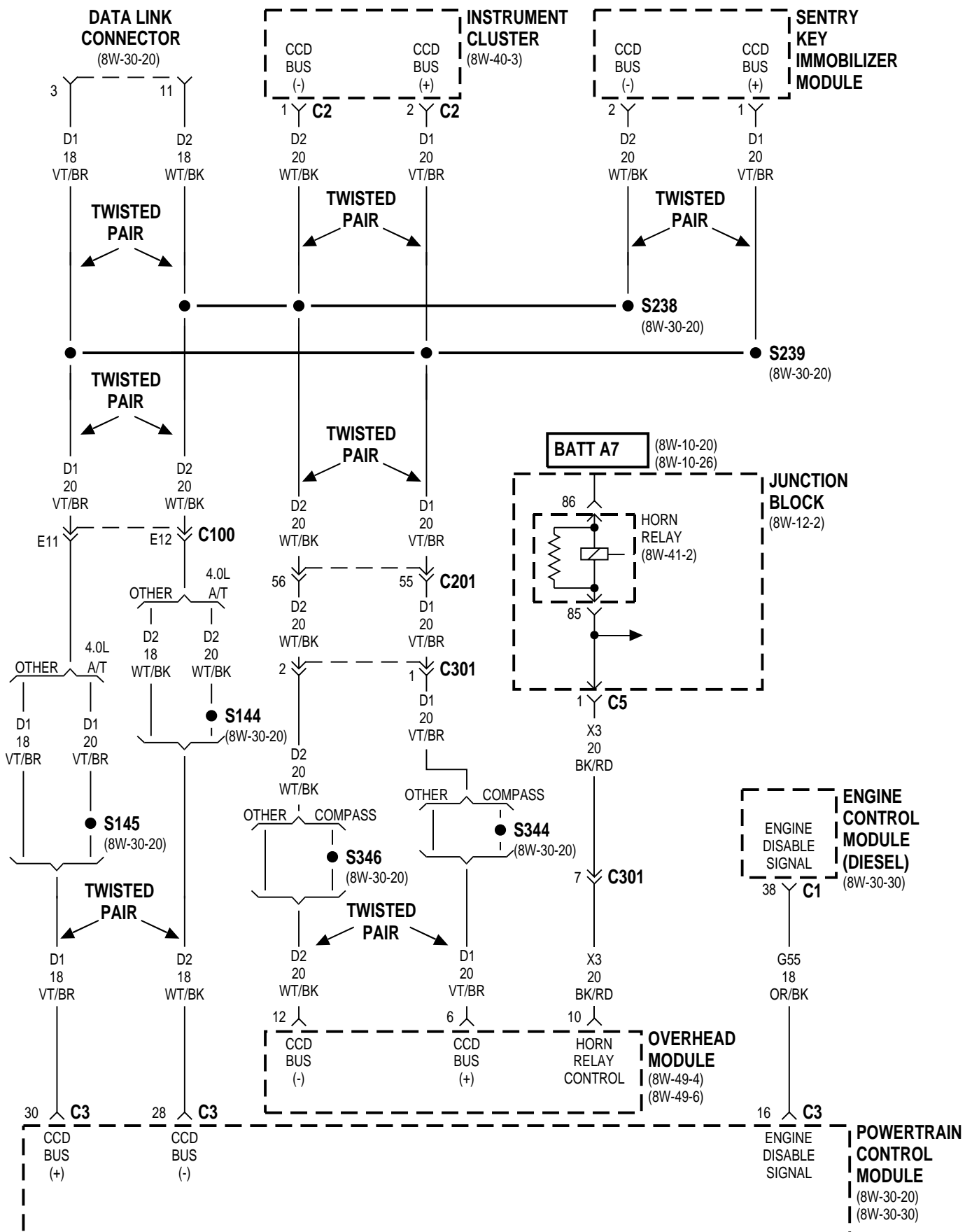
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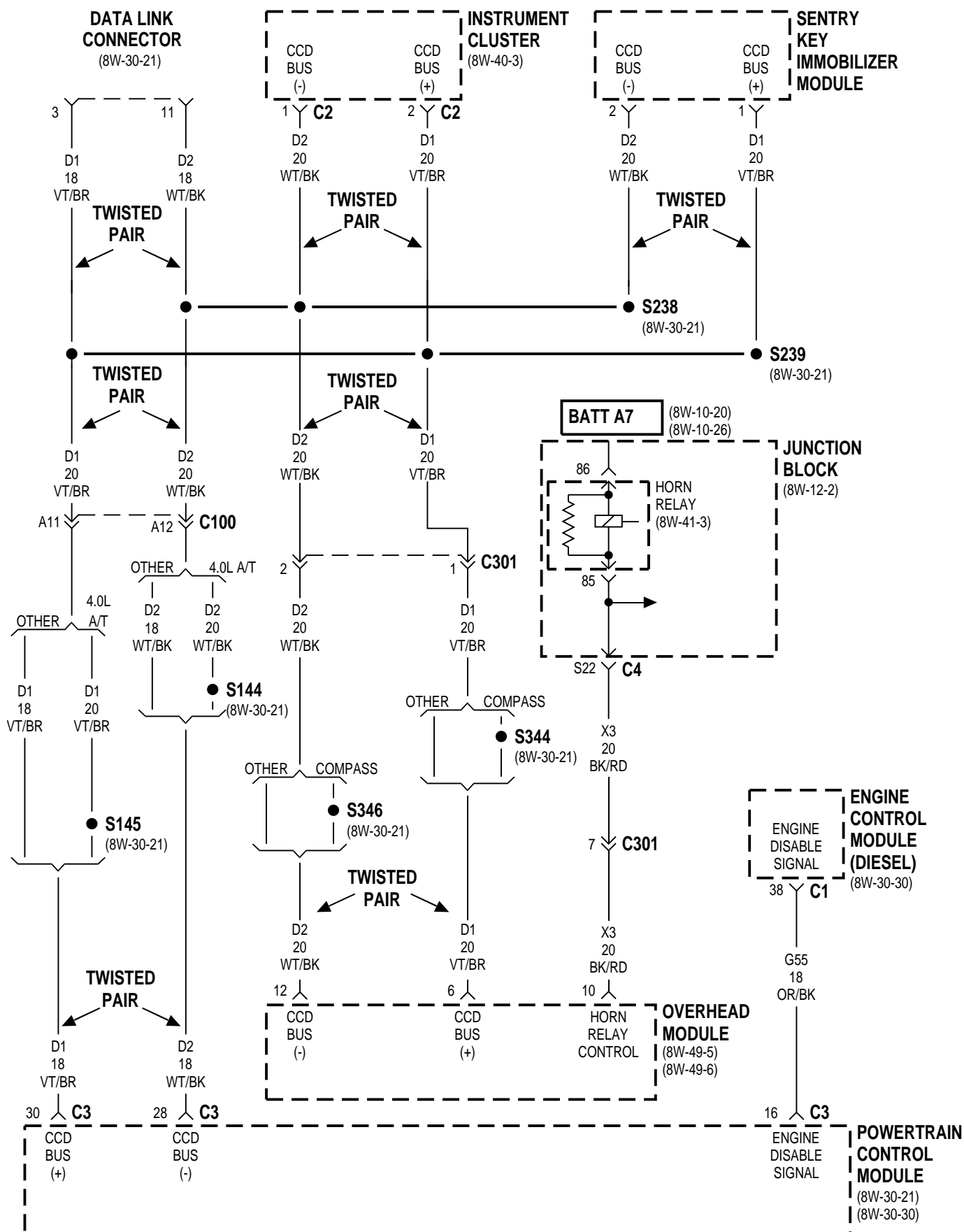


RHD



## LHD



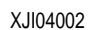


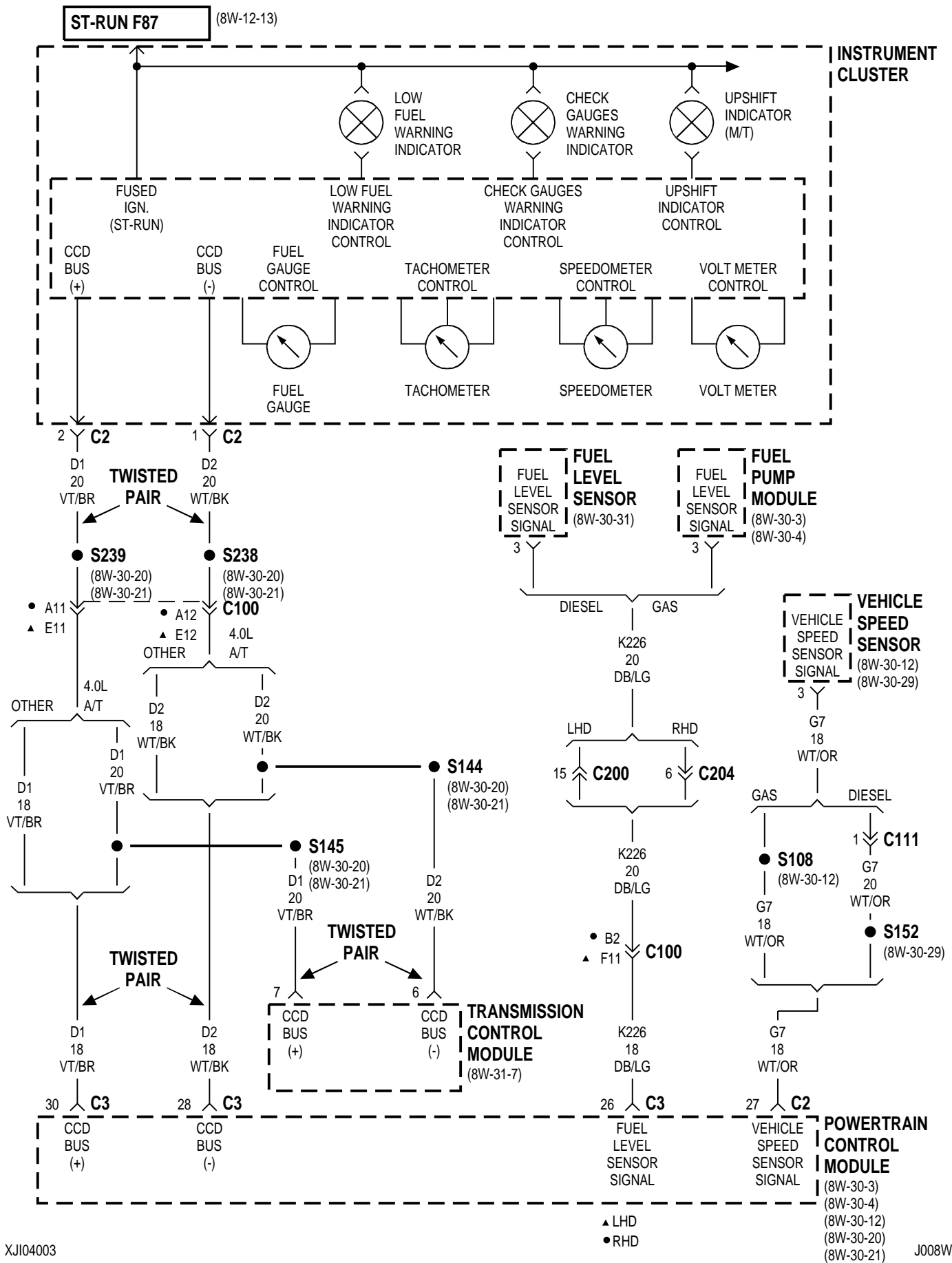




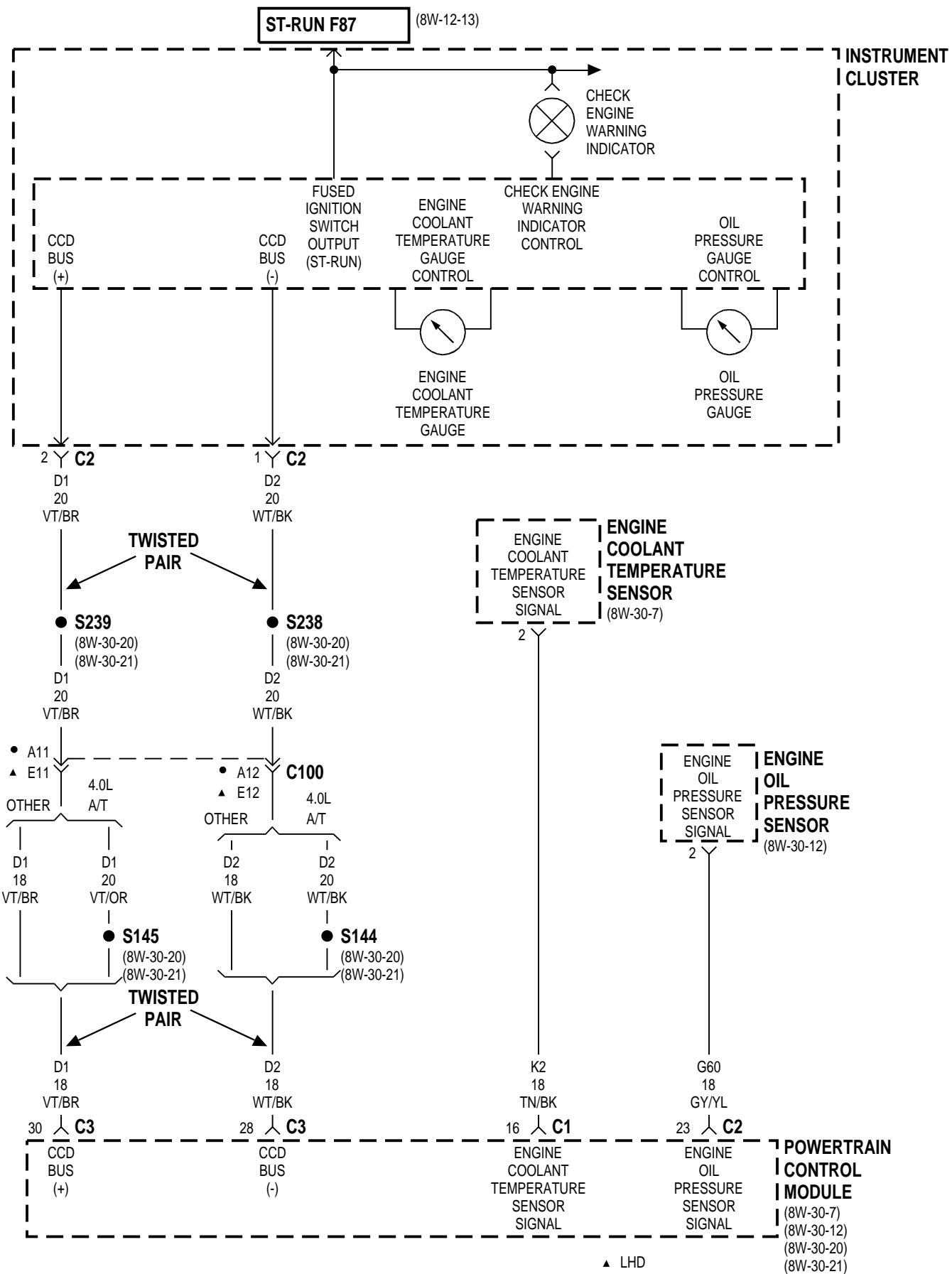
## 8W-40 INSTRUMENT CLUSTER

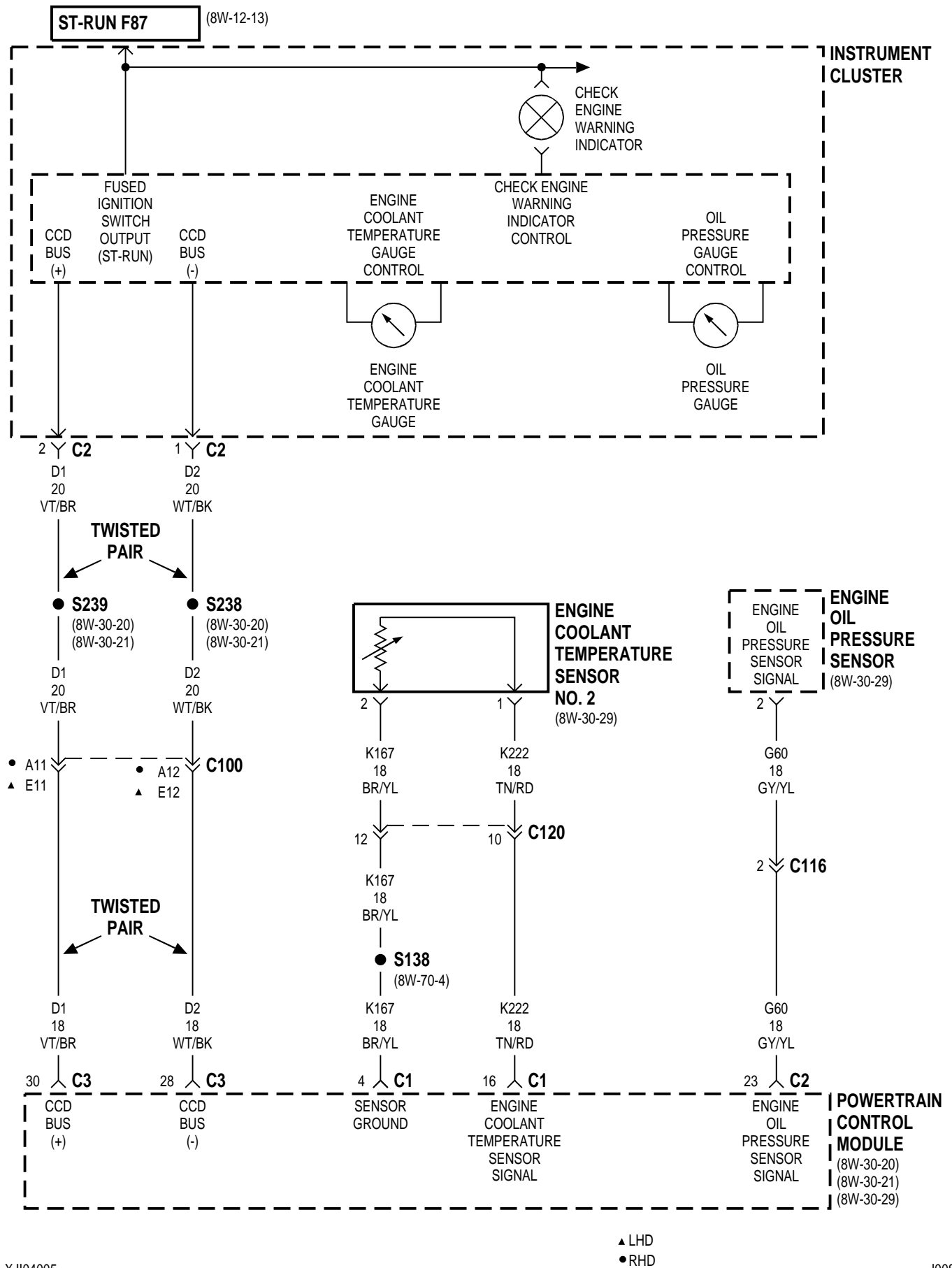
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
ABS Indicator . . . . .	8W-40-6, 7, 8	Ignition Switch . . . . .	8W-40-9, 10, 11
Airbag Control Module . . . . .	8W-40-6, 7, 8	Instrument Cluster . . . . .	8W-40-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
Airbag Warning Indicator . . . . .	8W-40-6, 7, 8	Junction Block . . . . .	8W-40-2, 12, 13, 15, 17
Brake Warning Indicator . . . . .	8W-40-9	Left Turn Signal Indicator . . . . .	8W-40-14
Brake Warning Pressure Switch . . . . .	8W-40-9, 10	Liftgate Ajar Indicator . . . . .	8W-40-15
Check Engine Warning Indicator . . . . .	8W-40-4, 5	Liftgate Switch . . . . .	8W-40-15
Check Gauges Warning Indicator . . . . .	8W-40-3	Low Coolant Switch . . . . .	8W-40-17
Cluster Illumination Lamps . . . . .	8W-40-15	Low Fuel Warning Indicator . . . . .	8W-40-3
Controller Anti-Lock Brake Relay . . . . .	8W-40-6, 7, 8	Low Washer Fluid Indicator . . . . .	8W-40-6, 7, 8
Cruise Engaged Indicator . . . . .	8W-40-16	Message Center . . . . .	8W-40-17
Daytime Running Lamp Module . . . . .	8W-40-14	Odometer . . . . .	8W-40-15
Driver Door Jamb Switch . . . . .	8W-40-11	Oil Pressure Gauge . . . . .	8W-40-4, 5
Engine Control Module . . . . .	8W-40-16, 17	Overhead Module . . . . .	8W-40-12, 13
Engine Coolant Temperature Gauge . . . . .	8W-40-4, 5	Park Brake Switch . . . . .	8W-40-9, 10
Engine Coolant Temperature Sensor . . . . .	8W-40-4	Part Time 4WD Indicator . . . . .	8W-40-9, 10
Engine Coolant Temperature Sensor No. 2 . . . . .	8W-40-5	Power Distribution Center . . . . .	8W-40-2
Engine Oil Pressure Sensor . . . . .	8W-40-4, 5	Powertrain Control Module . . . . .	8W-40-3, 4, 5, 16, 17
Engine Starter Motor Relay . . . . .	8W-40-7, 8	Rear Window Defogger Relay . . . . .	8W-40-12, 13
Fog Lamp Relay . . . . .	8W-40-7, 8	Rear Window Defogger Switch . . . . .	8W-40-12, 13
Fog Lamp Relay No. 1 . . . . .	8W-40-14	Red Brake Warning Indicator . . . . .	8W-40-10
Fuel Gauge . . . . .	8W-40-3	Right Turn Signal Indicator . . . . .	8W-40-14
Fuel Level Sensor . . . . .	8W-40-3	Seat Belt Switch . . . . .	8W-40-6, 7, 8
Fuel Pump Module . . . . .	8W-40-3	Seat Belt Warning Indicator . . . . .	8W-40-6, 7, 8
Full Time 4wd Indicator . . . . .	8W-40-9	Sentry Key Immobilizer Module . . . . .	8W-40-12, 13
Fuse 6 (JB) . . . . .	8W-40-15	Speedometer . . . . .	8W-40-3
Fuse 9 (JB) . . . . .	8W-40-2, 17	Tachometer . . . . .	8W-40-3
Fuse 12 (JB) . . . . .	8W-40-12, 13	Transfer Case Switch . . . . .	8W-40-9, 10
Fuse 16 (PDC) . . . . .	8W-40-2	Transmission Control Module . . . . .	8W-40-3
G101 . . . . .	8W-40-9	Trip Reset Switch . . . . .	8W-40-15
G106 . . . . .	8W-40-6, 7, 8, 10	Turn Signal/Hazard Switch . . . . .	8W-40-14
G107 . . . . .	8W-40-6, 7, 12, 13	Underhood Lamp/Switch . . . . .	8W-40-2
G108 . . . . .	8W-40-2, 9, 10, 14	Upshift Indicator . . . . .	8W-40-3
G123 . . . . .	8W-40-17	Vehicle Speed Sensor . . . . .	8W-40-3
G154 . . . . .	8W-40-17	Volt Meter . . . . .	8W-40-3
G302 . . . . .	8W-40-8, 11	VTSS Indicator . . . . .	8W-40-12, 13
G303 . . . . .	8W-40-11	Washer Fluid Level Switch . . . . .	8W-40-6, 7, 8
Headlamp Beam Select Switch . . . . .	8W-40-14	Water In Fuel Sensor . . . . .	8W-40-17
Headlamp Switch . . . . .	8W-40-11, 15		
High Beam Indicator . . . . .	8W-40-14		

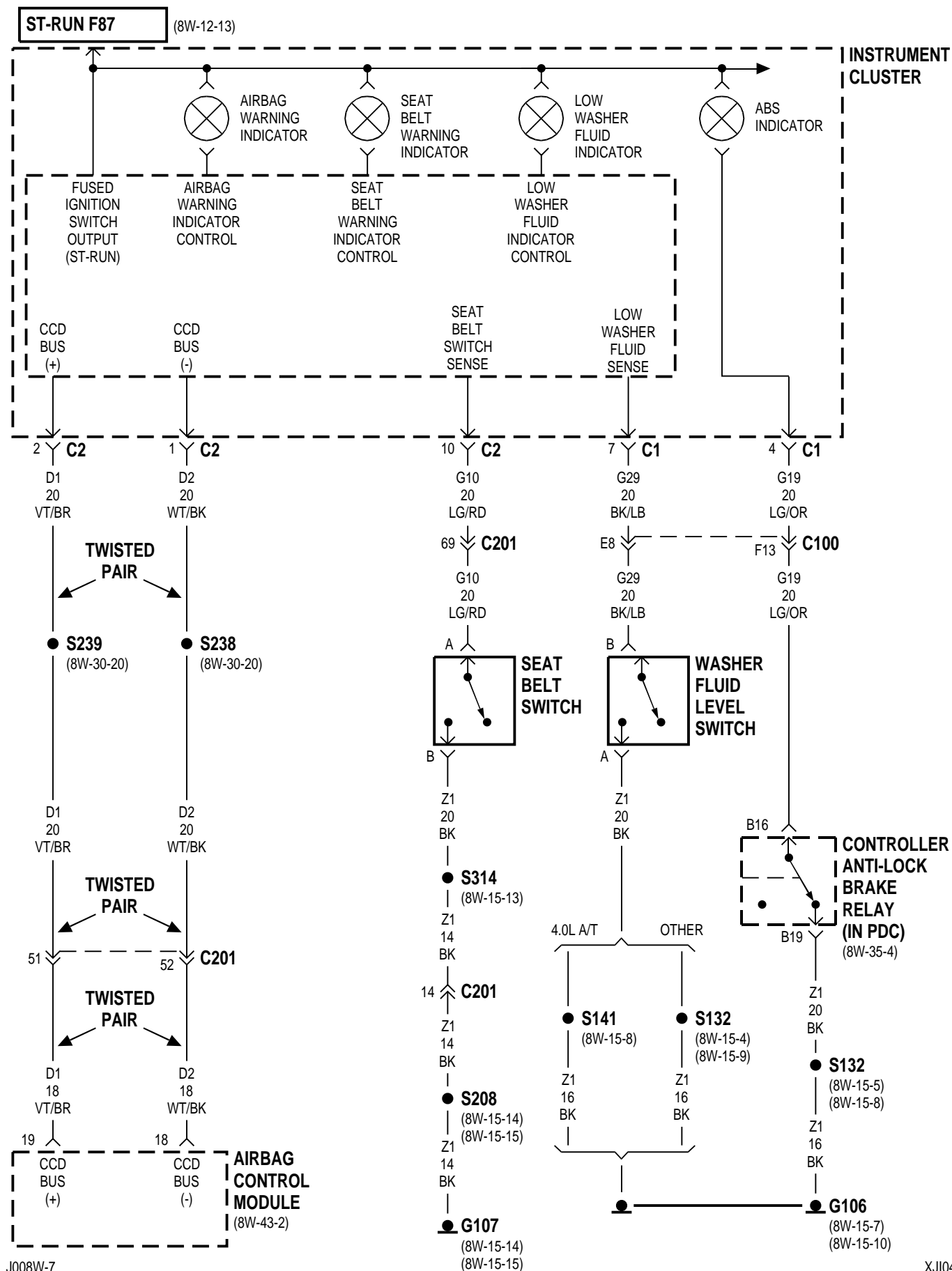


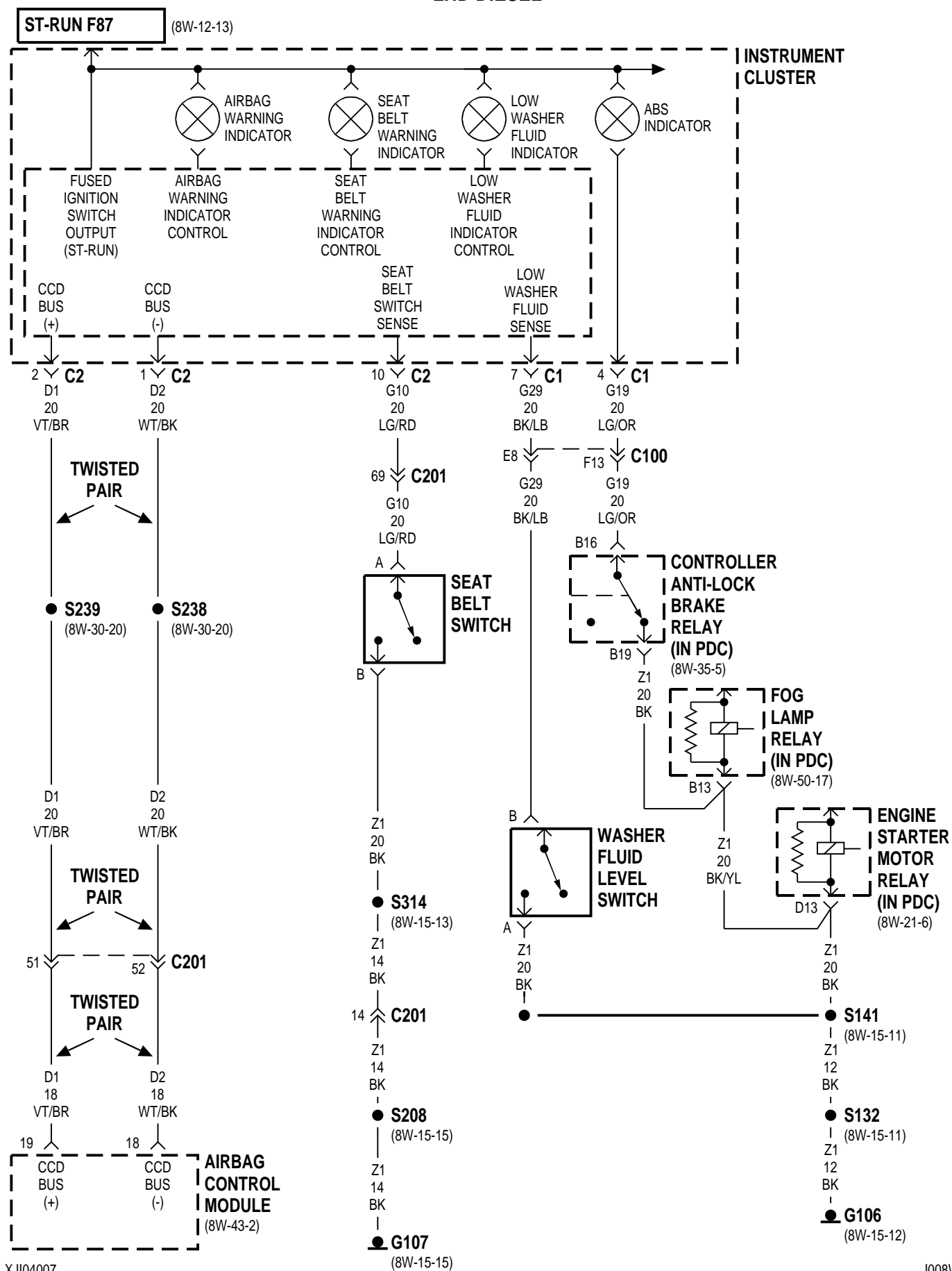


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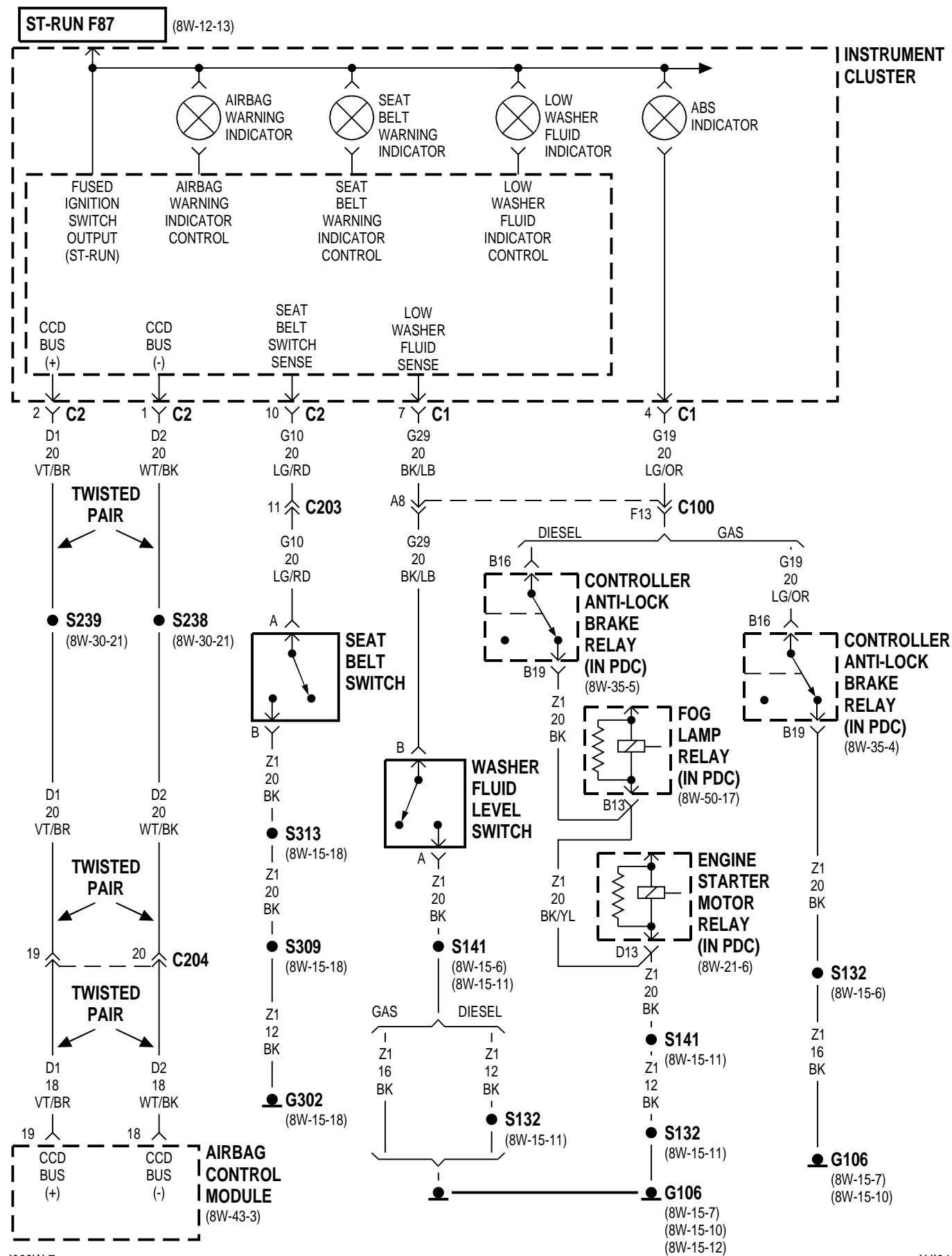




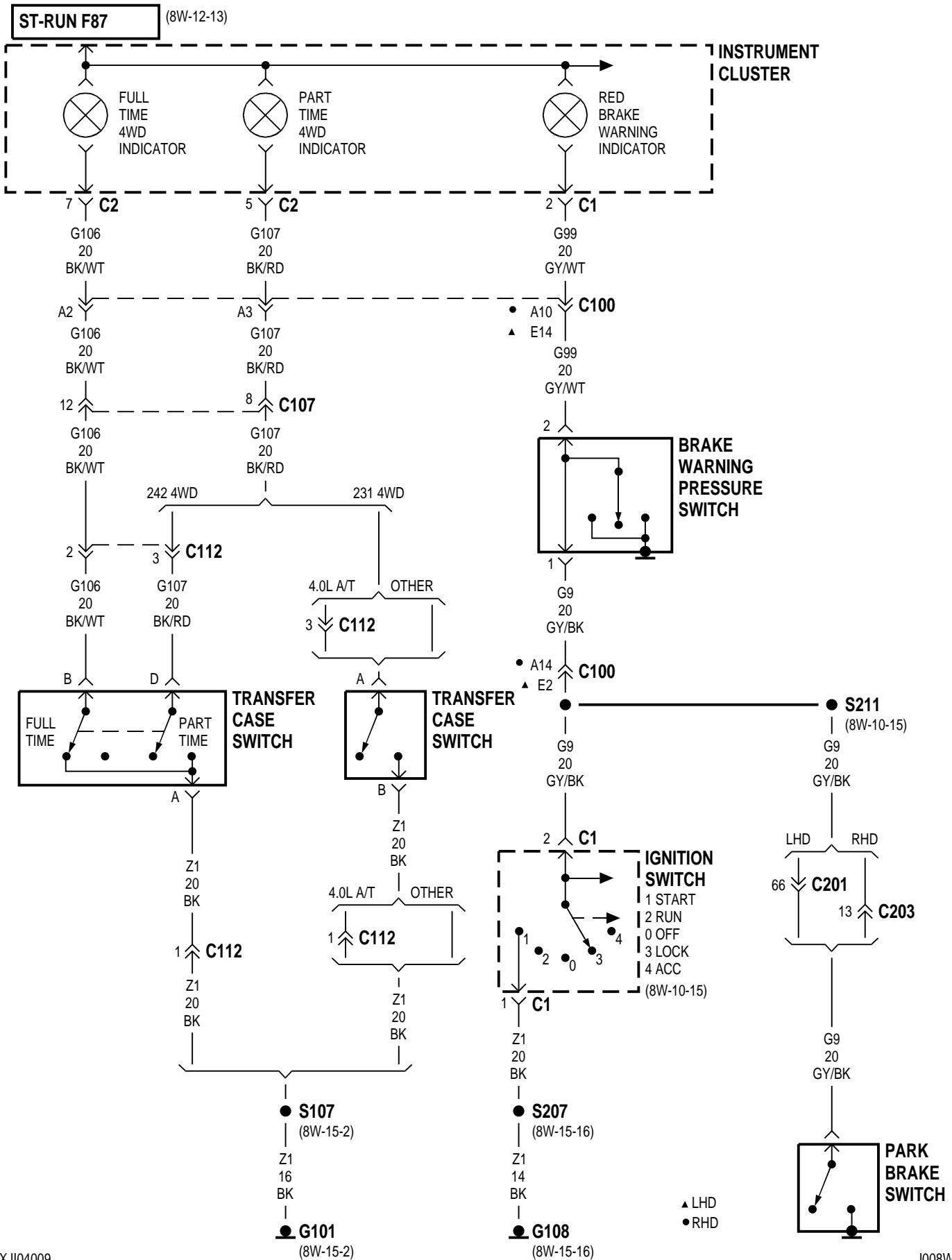


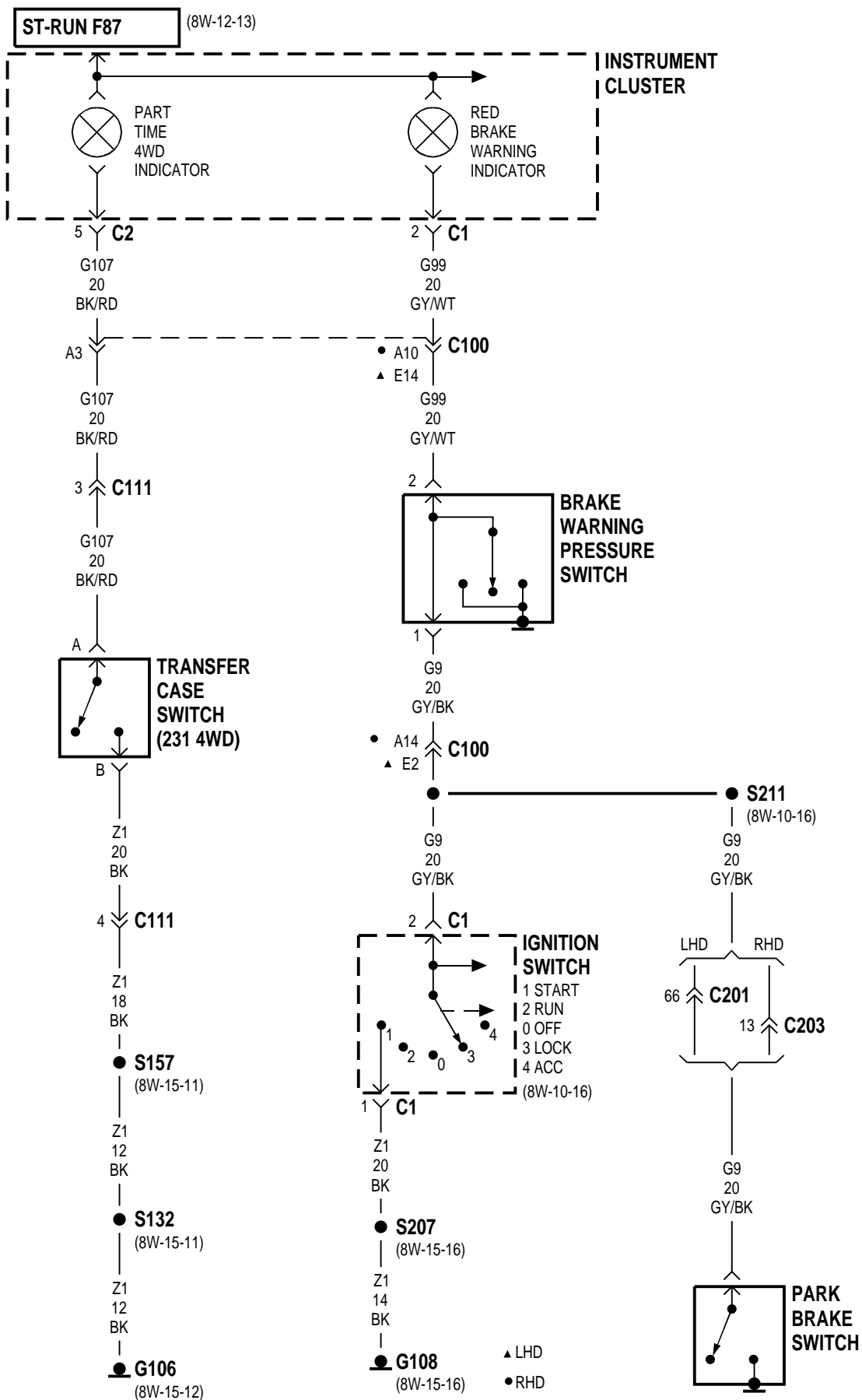


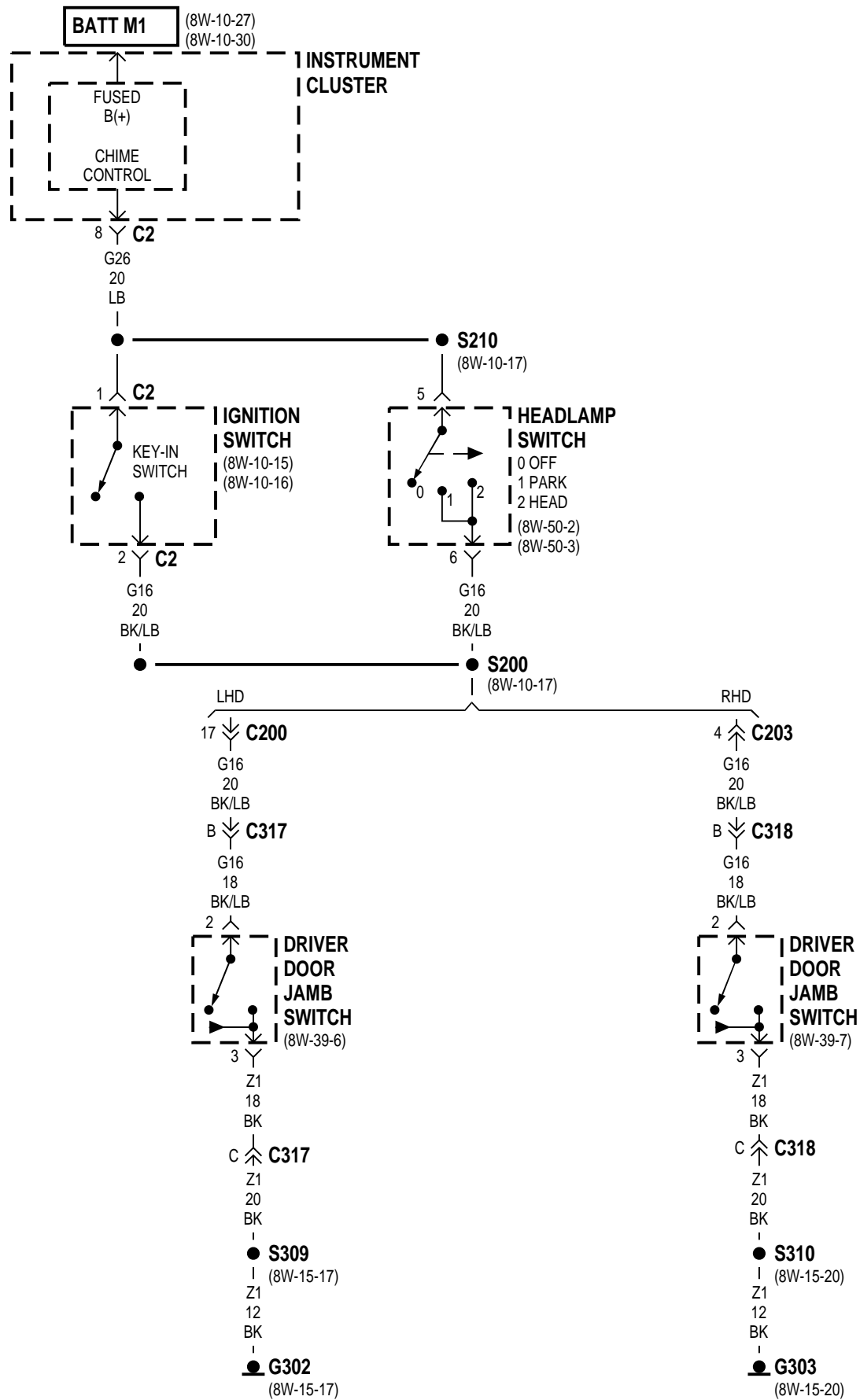
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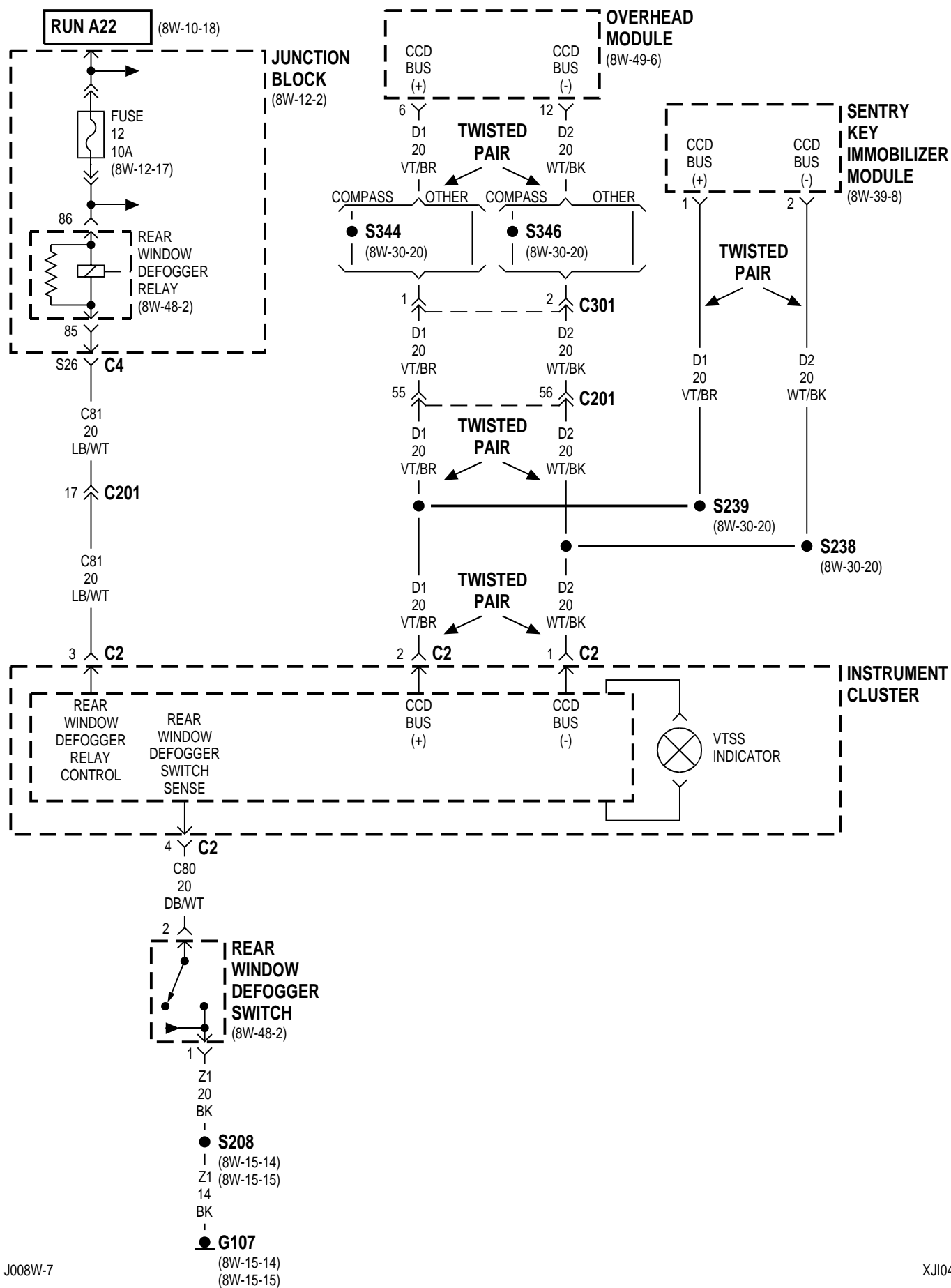




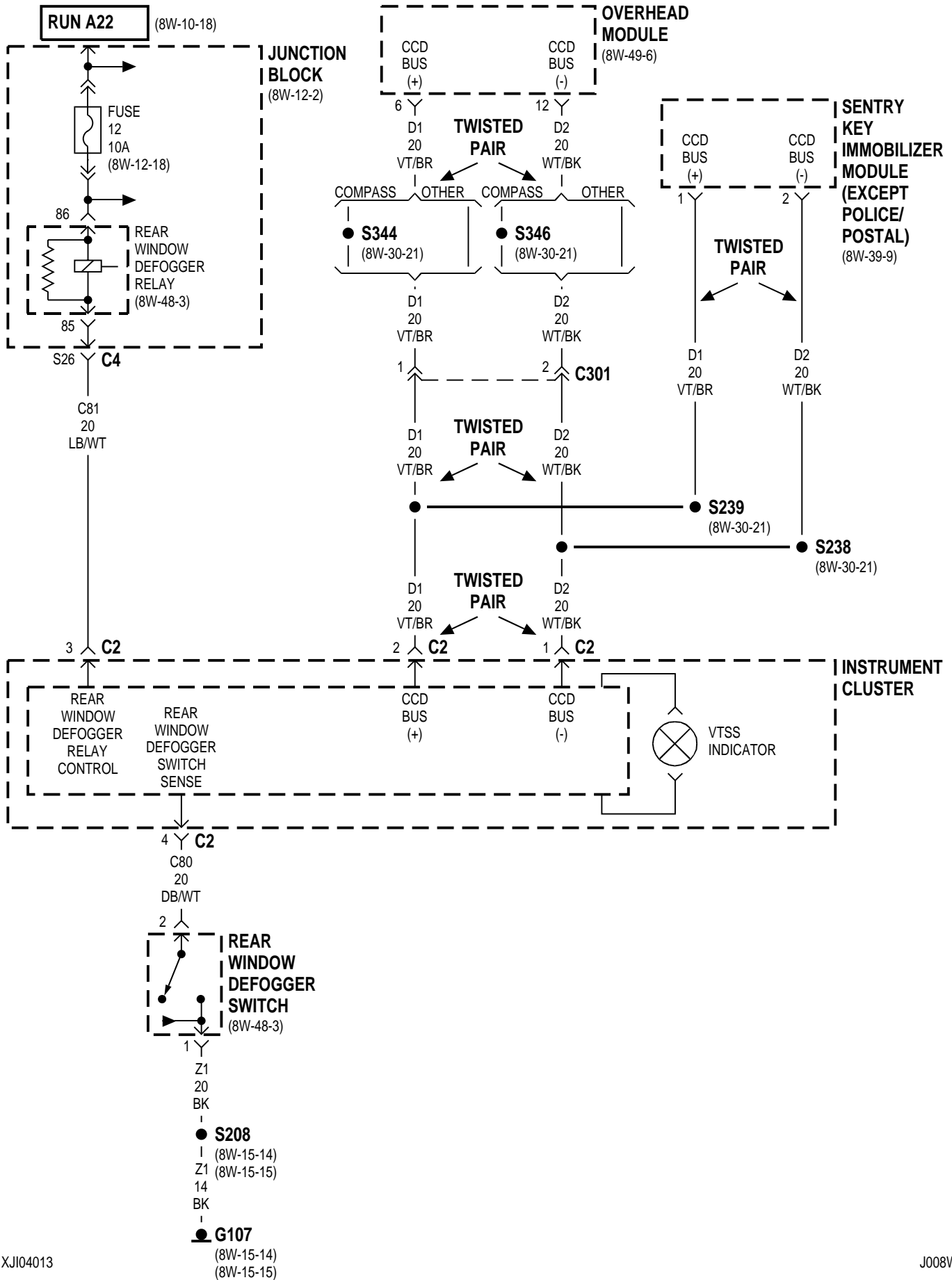


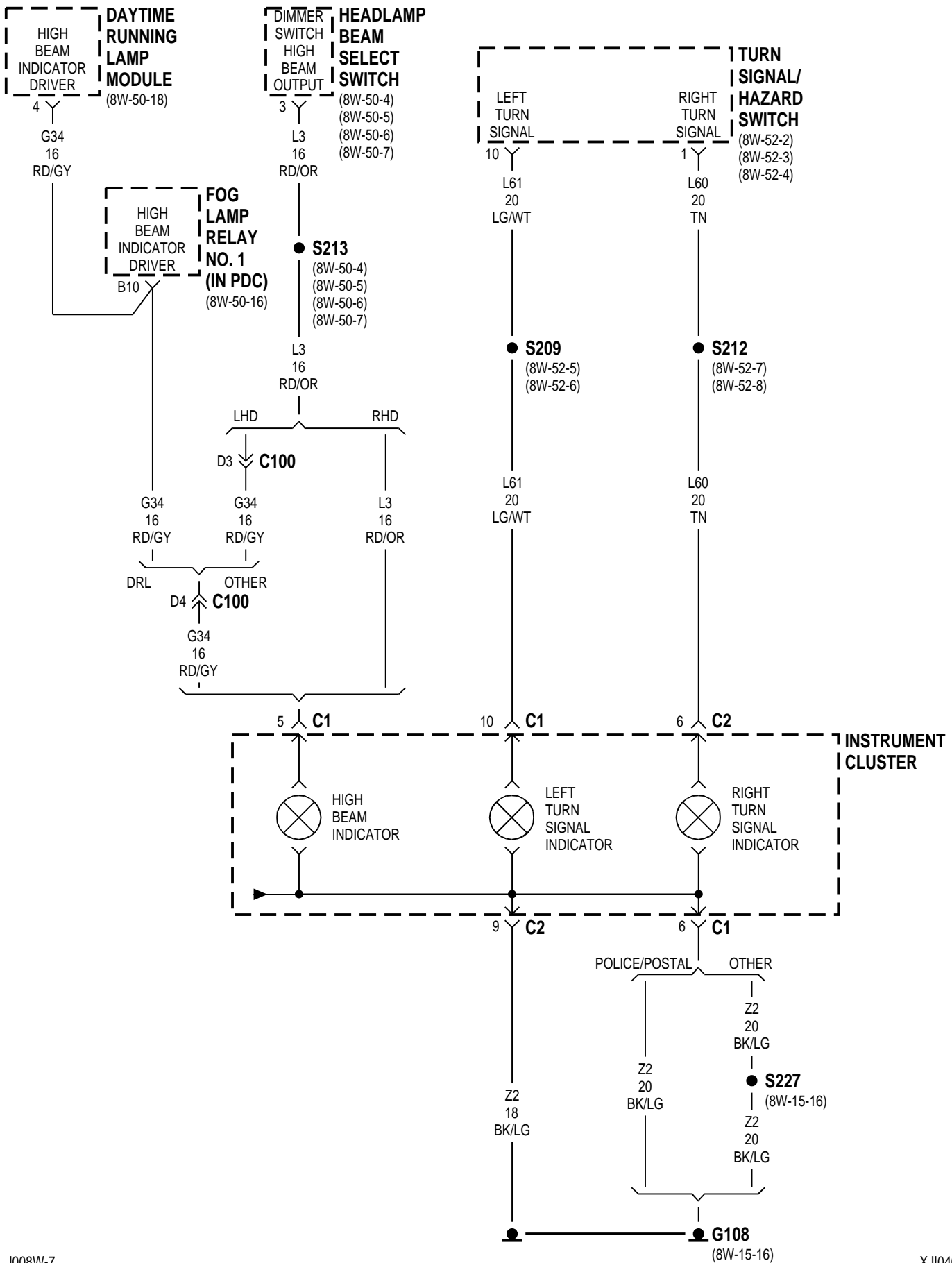


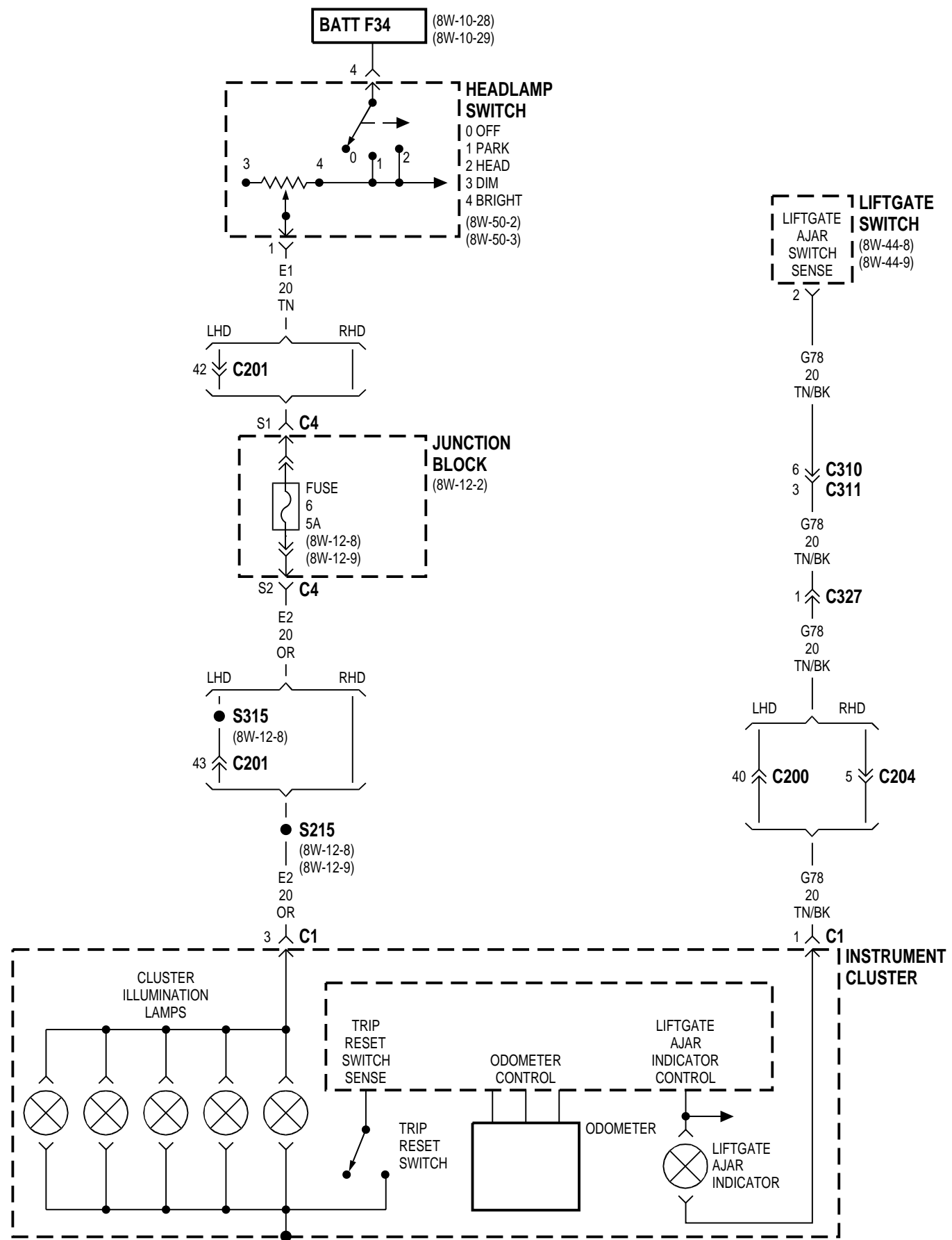
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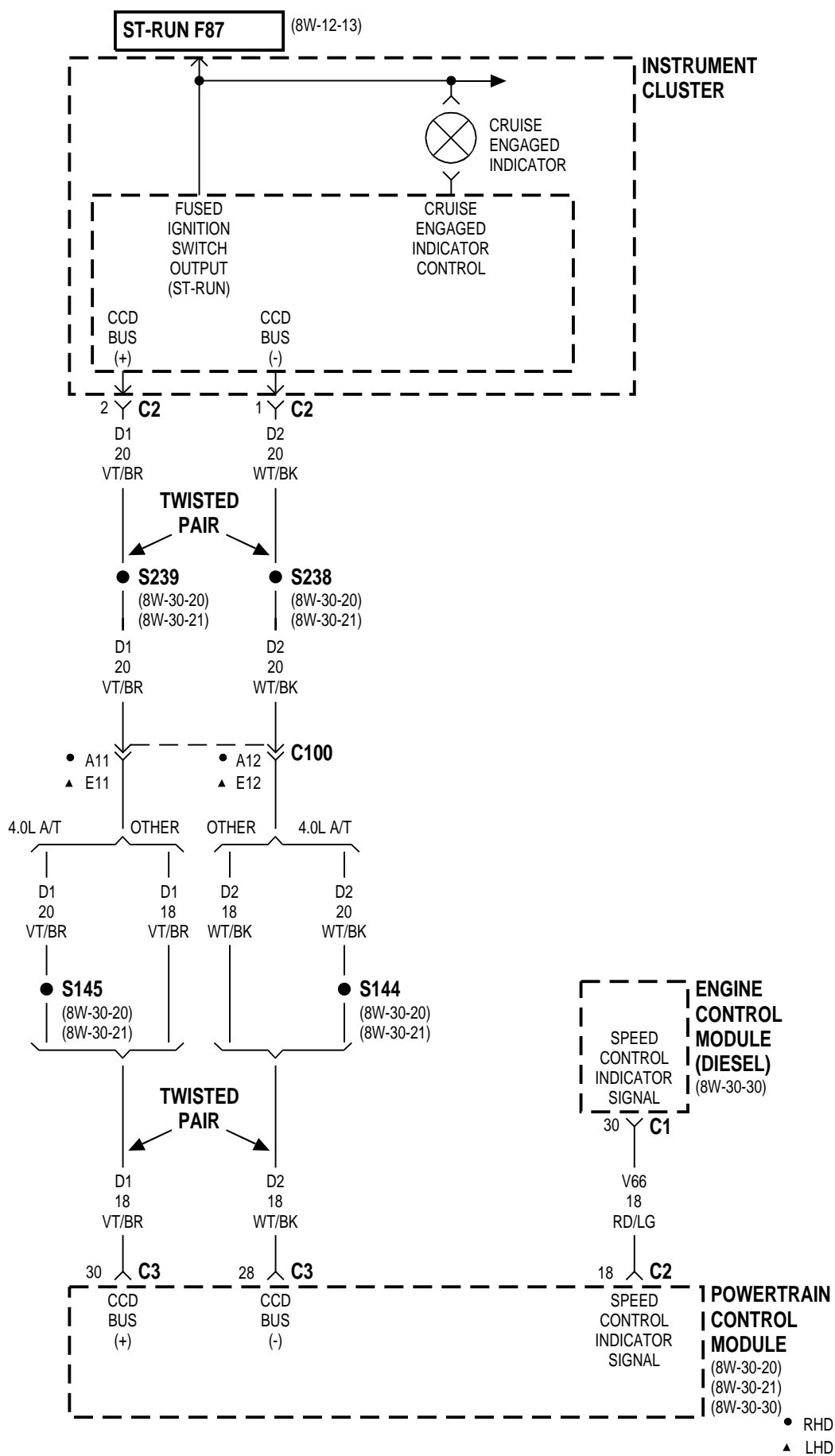


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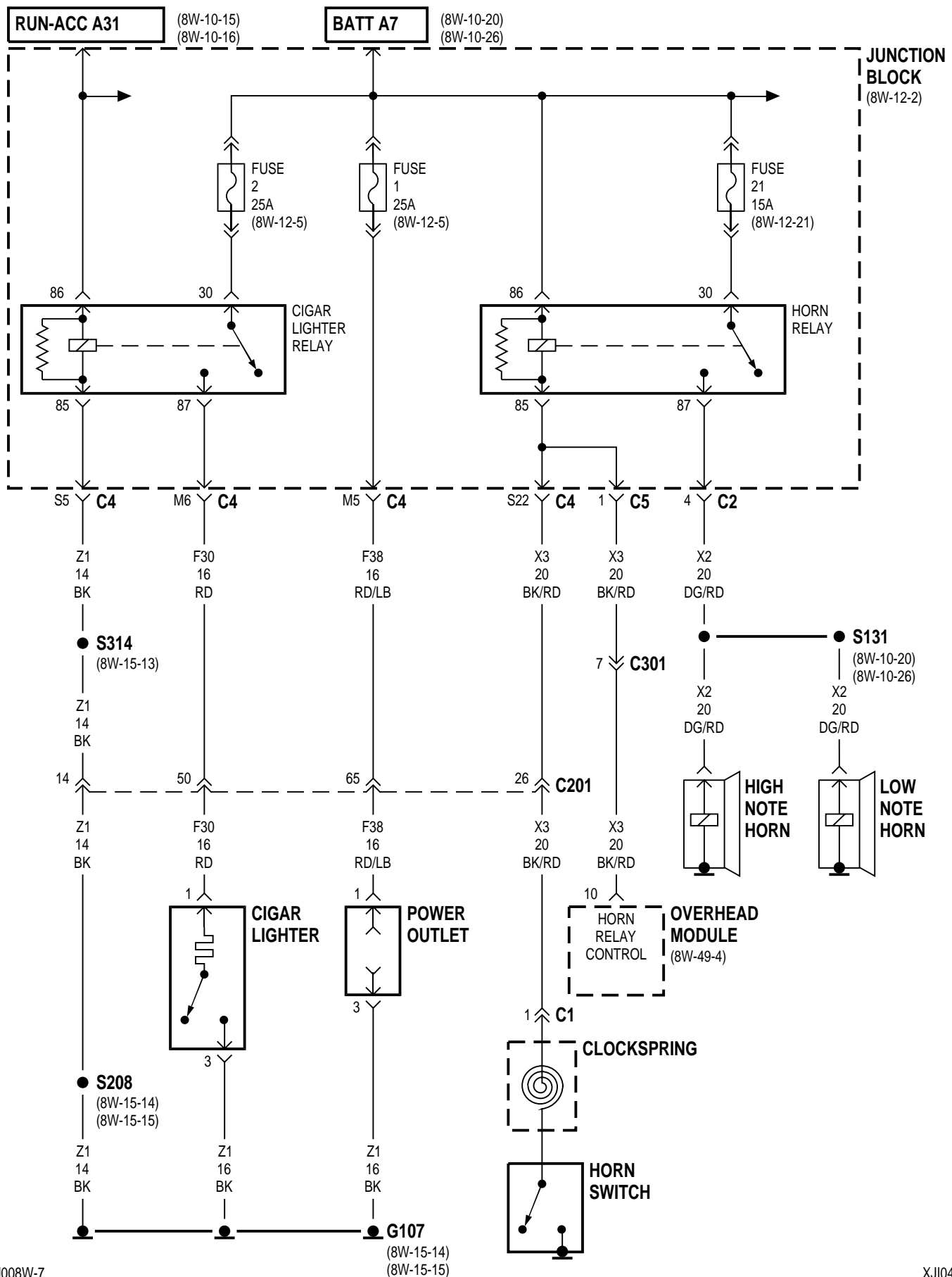


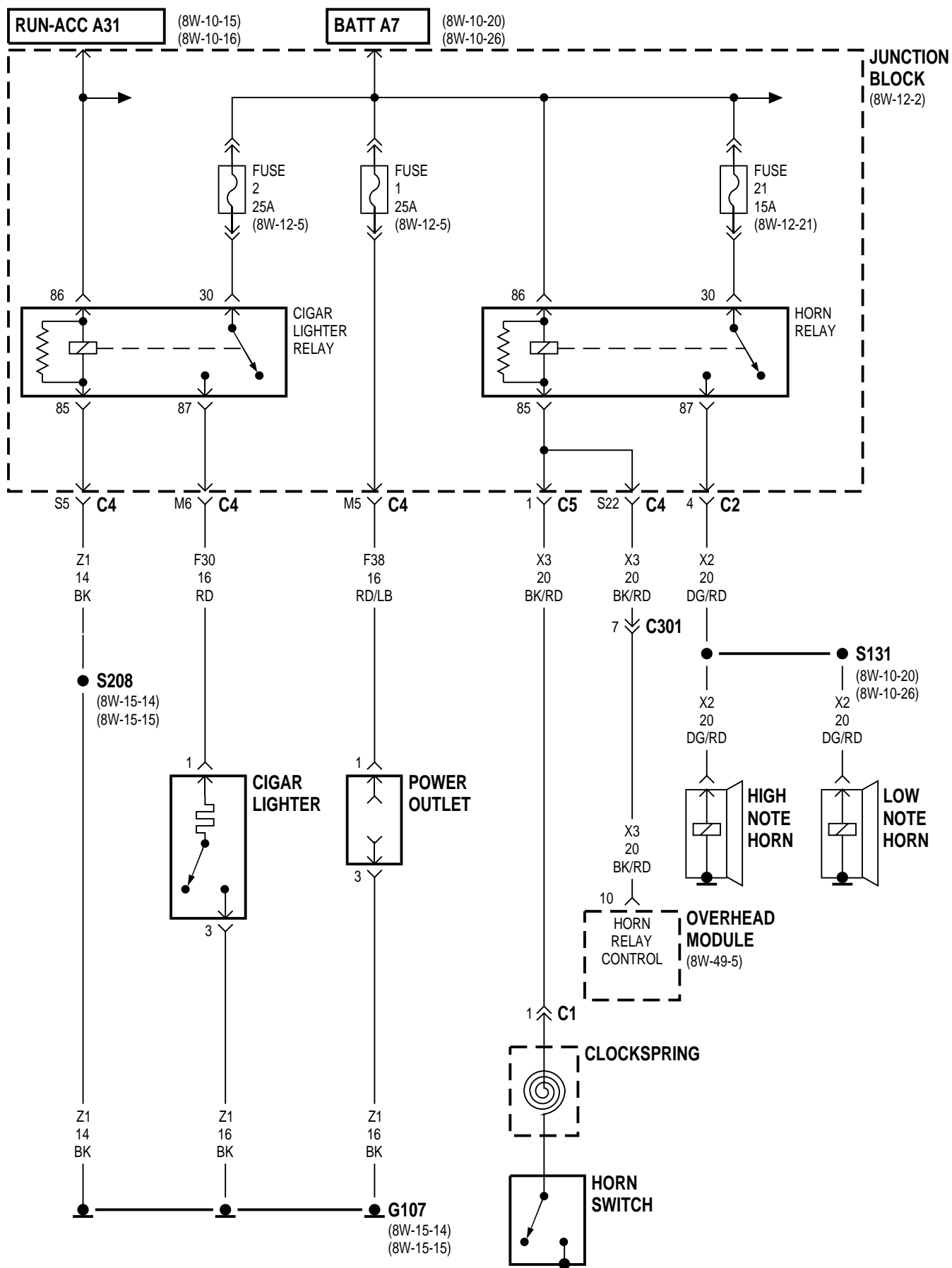


## 8W-41 HORN/CIGAR LIGHTER/POWER OUTLET

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Cigar Lighter .....	8W-41-2, 3	High Note Horn .....	8W-41-2, 3
Cigar Lighter Relay .....	8W-41-2, 3	Horn Relay .....	8W-41-2, 3
Clockspring .....	8W-41-2, 3	Horn Switch .....	8W-41-2, 3
Fuse 1 (JB) .....	8W-41-2, 3	Junction Block .....	8W-41-2, 3
Fuse 2 (JB) .....	8W-41-2, 3	Low Note Horn .....	8W-41-2, 3
Fuse 21 (JB) .....	8W-41-2, 3	Overhead Module .....	8W-41-2, 3
G107 .....	8W-41-2, 3	Power Outlet .....	8W-41-2, 3

## LHD

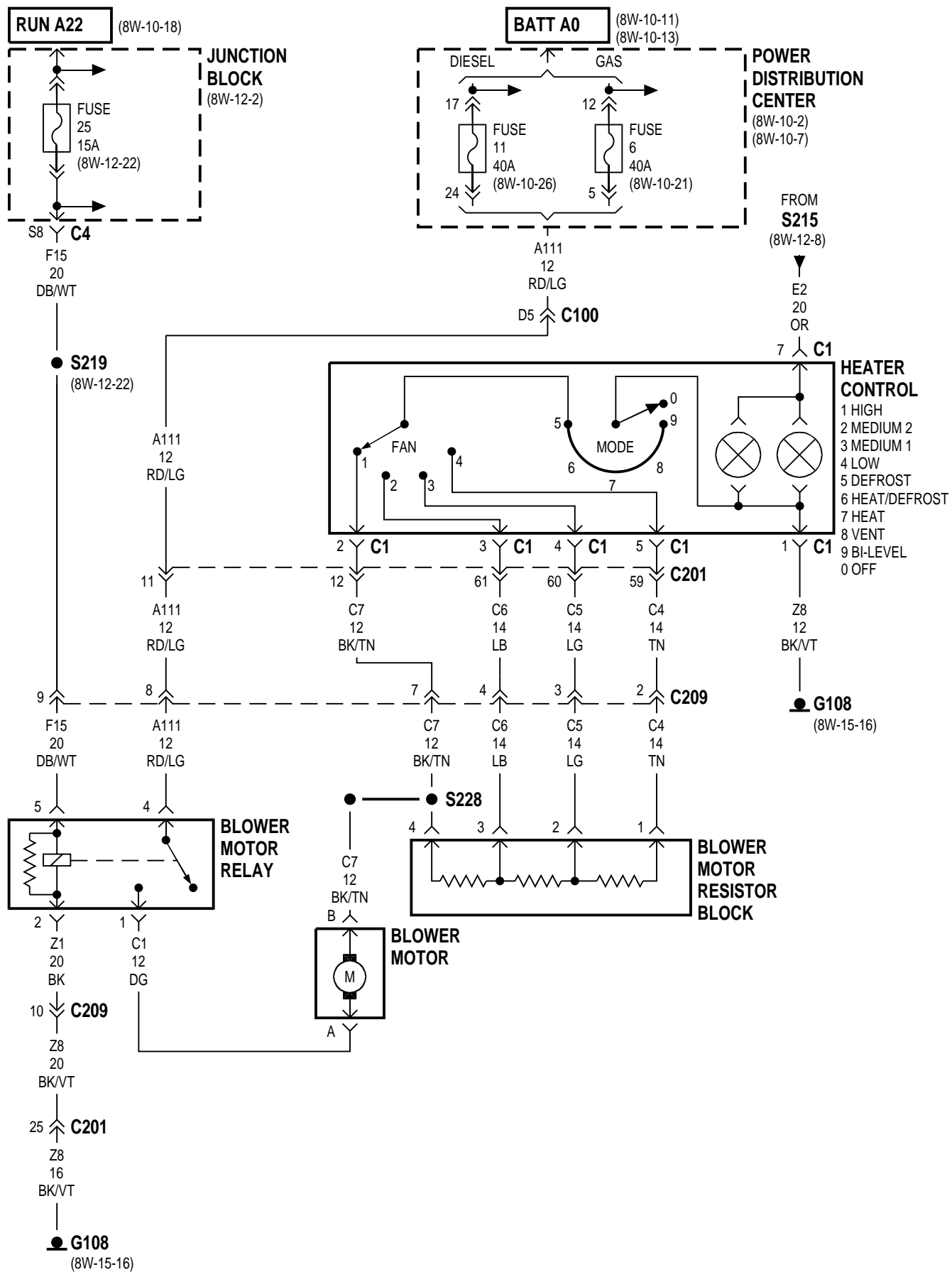






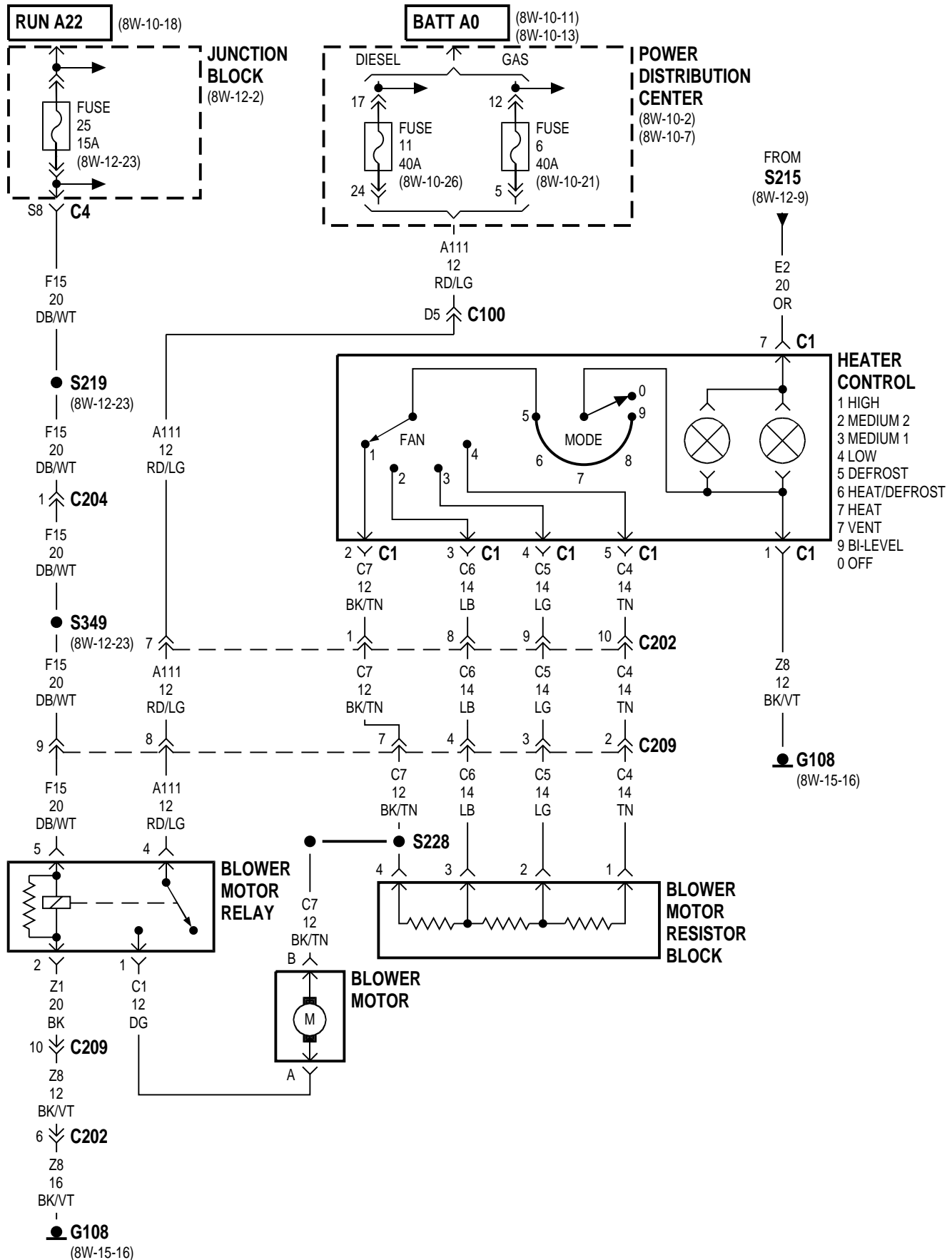
## 8W-42 AIR CONDITIONING-HEATER

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Compressor Clutch . . . . .	8W-42-7, 8	Fuse 11 (PDC) . . . . .	8W-42-2, 3, 4, 5
A/C Compressor Clutch Relay . . . . .	8W-42-7, 8, 10	Fuse 25 (JB) . . . . .	8W-42-2, 3, 4, 5, 7
A/C High Pressure Switch . . . . .	8W-42-6, 8	G106 . . . . .	8W-42-8, 9, 10
A/C Low Pressure Switch . . . . .	8W-42-6, 8	G107 . . . . .	8W-42-7
A/C- Heater Control . . . . .	8W-42-4, 5, 6, 7	G108 . . . . .	8W-42-2, 3, 4, 5
Automatic Shut Down Relay . . . . .	8W-42-8, 10	Heater Control . . . . .	8W-42-2, 3
Blend Door Actuator . . . . .	8W-42-7	Junction Block . . . . .	8W-42-2, 3, 4, 5, 7
Blower Motor . . . . .	8W-42-2, 3, 4, 5	Power Distribution	
Blower Motor Relay . . . . .	8W-42-2, 3, 4, 5	Center . . . . .	8W-42-2, 3, 4, 5, 7, 8, 9, 10
Blower Motor Resistor Block . . . . .	8W-42-2, 3, 4, 5	Powertrain Control Module . . . . .	8W-42-6, 7, 9
Engine Control Module . . . . .	8W-42-8, 10	Radiator Fan Relay . . . . .	8W-42-8, 9, 10
Fuse 6 (PDC) . . . . .	8W-42-2, 3, 4, 5		

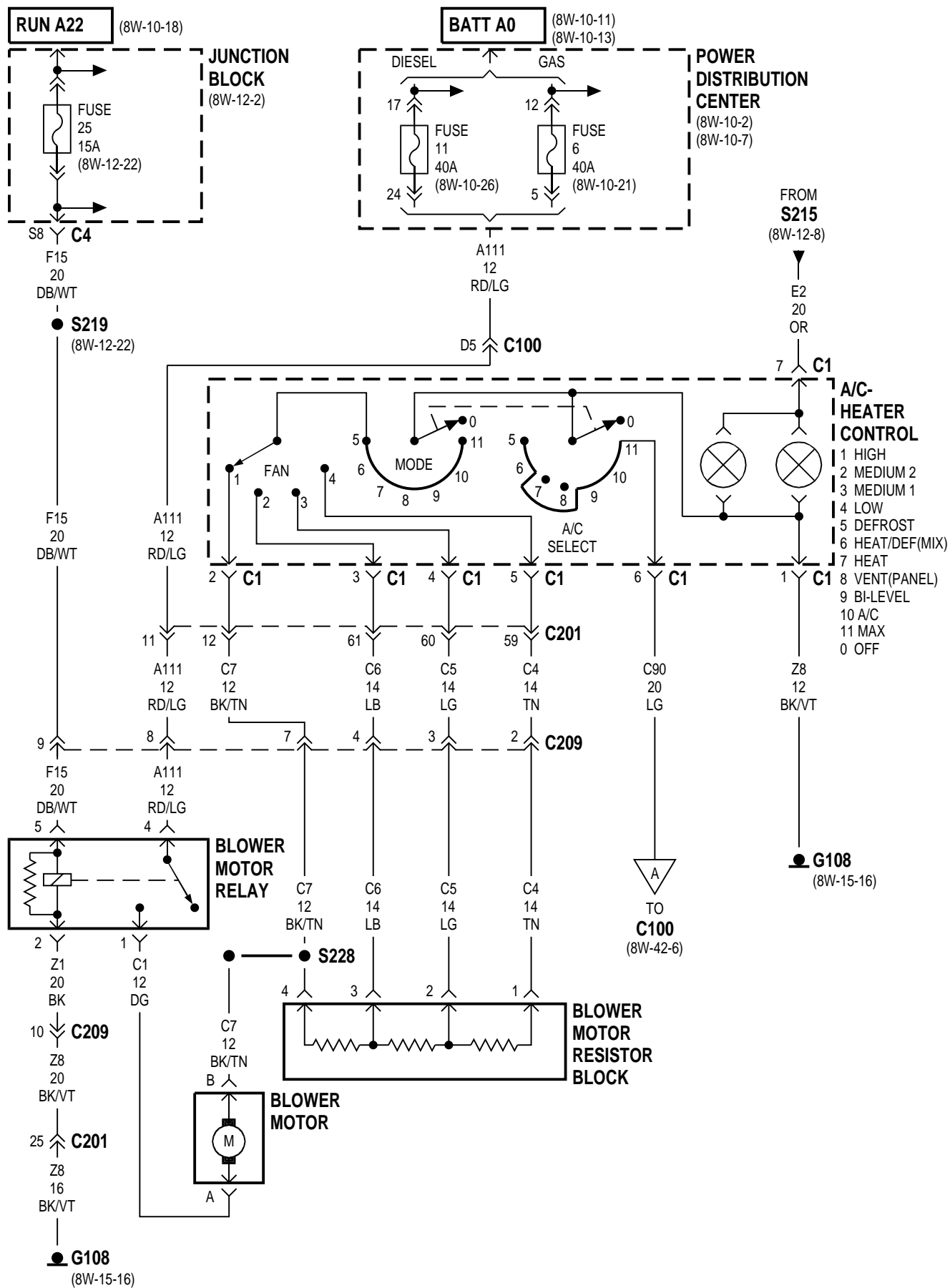




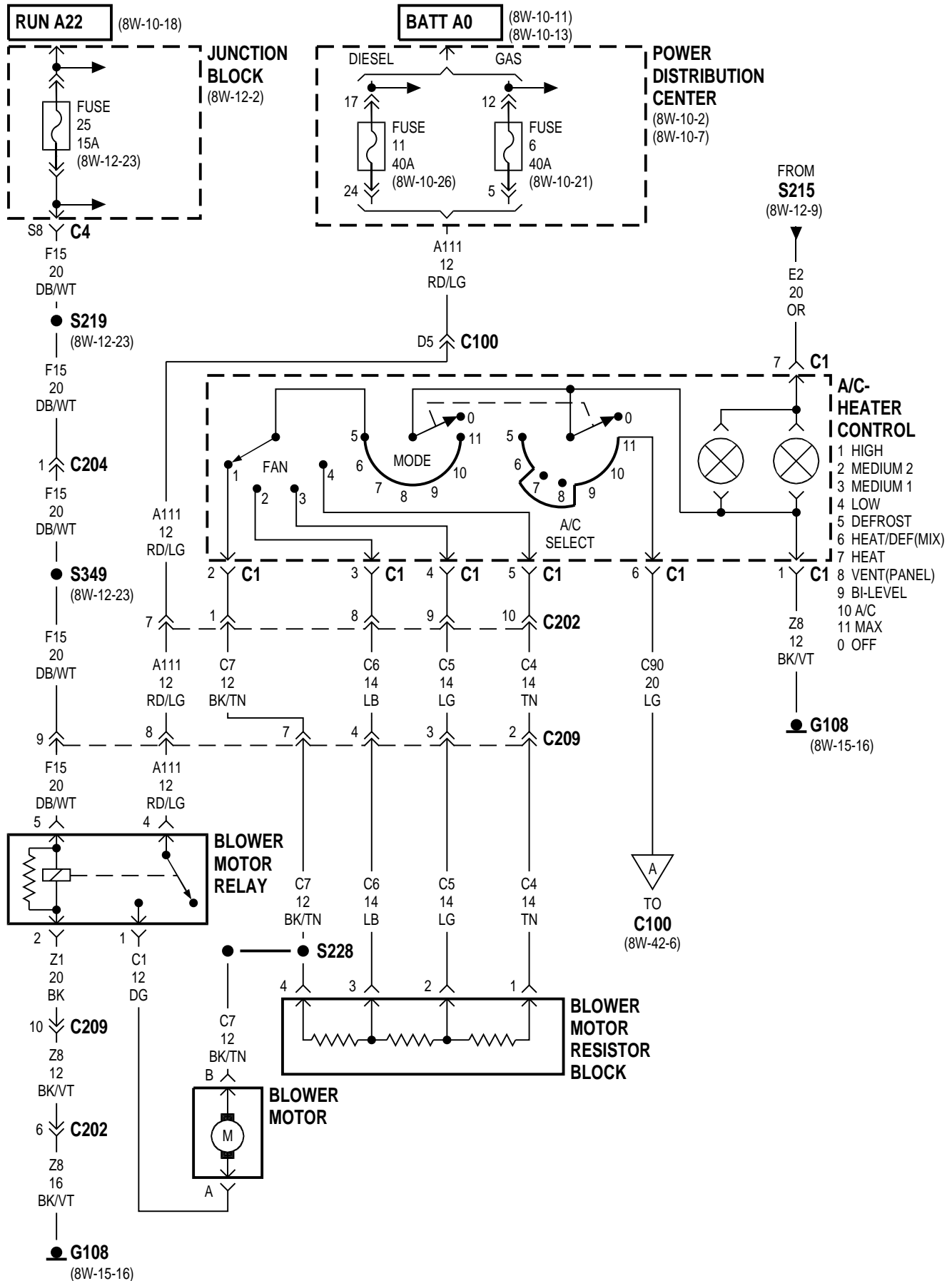
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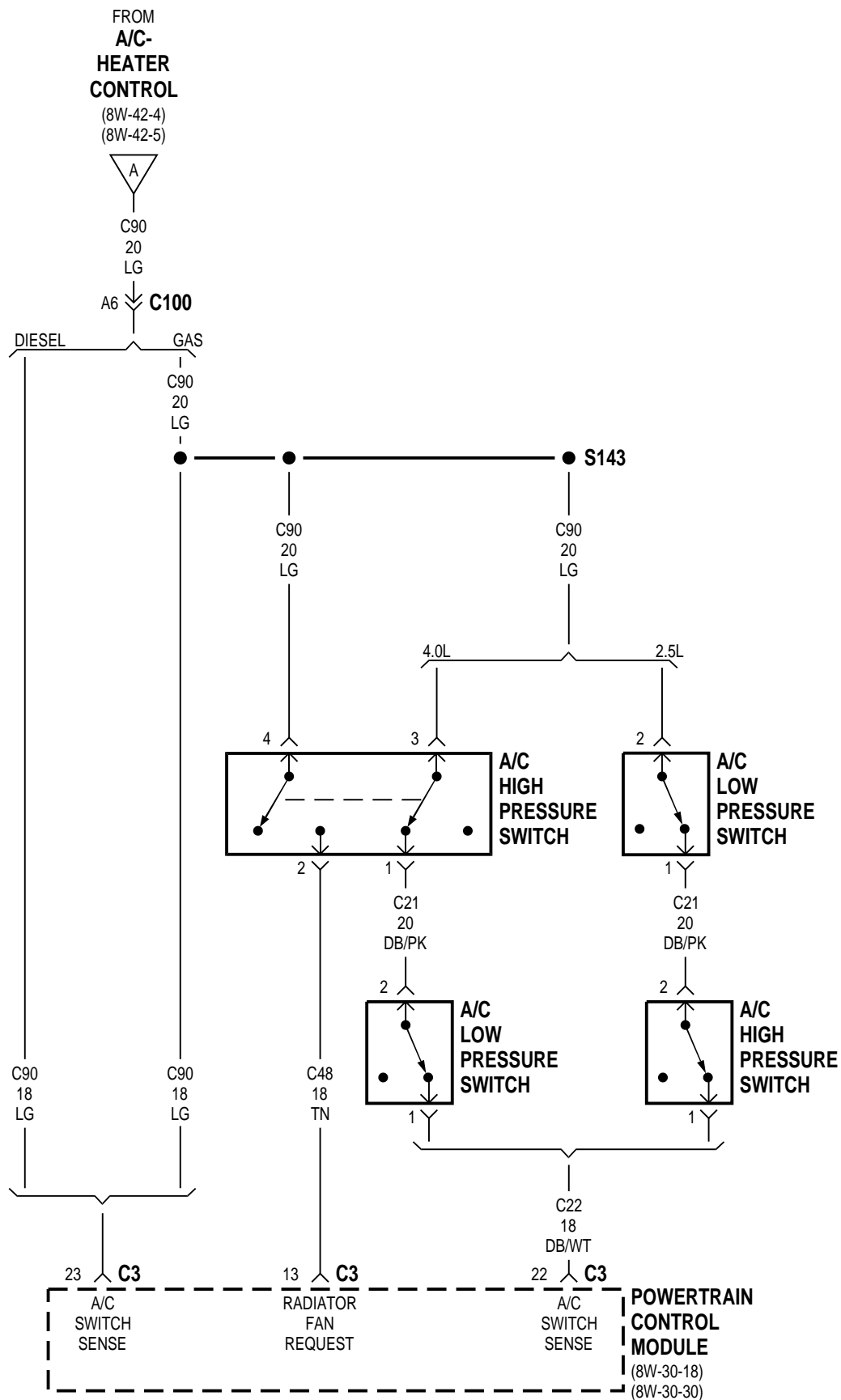


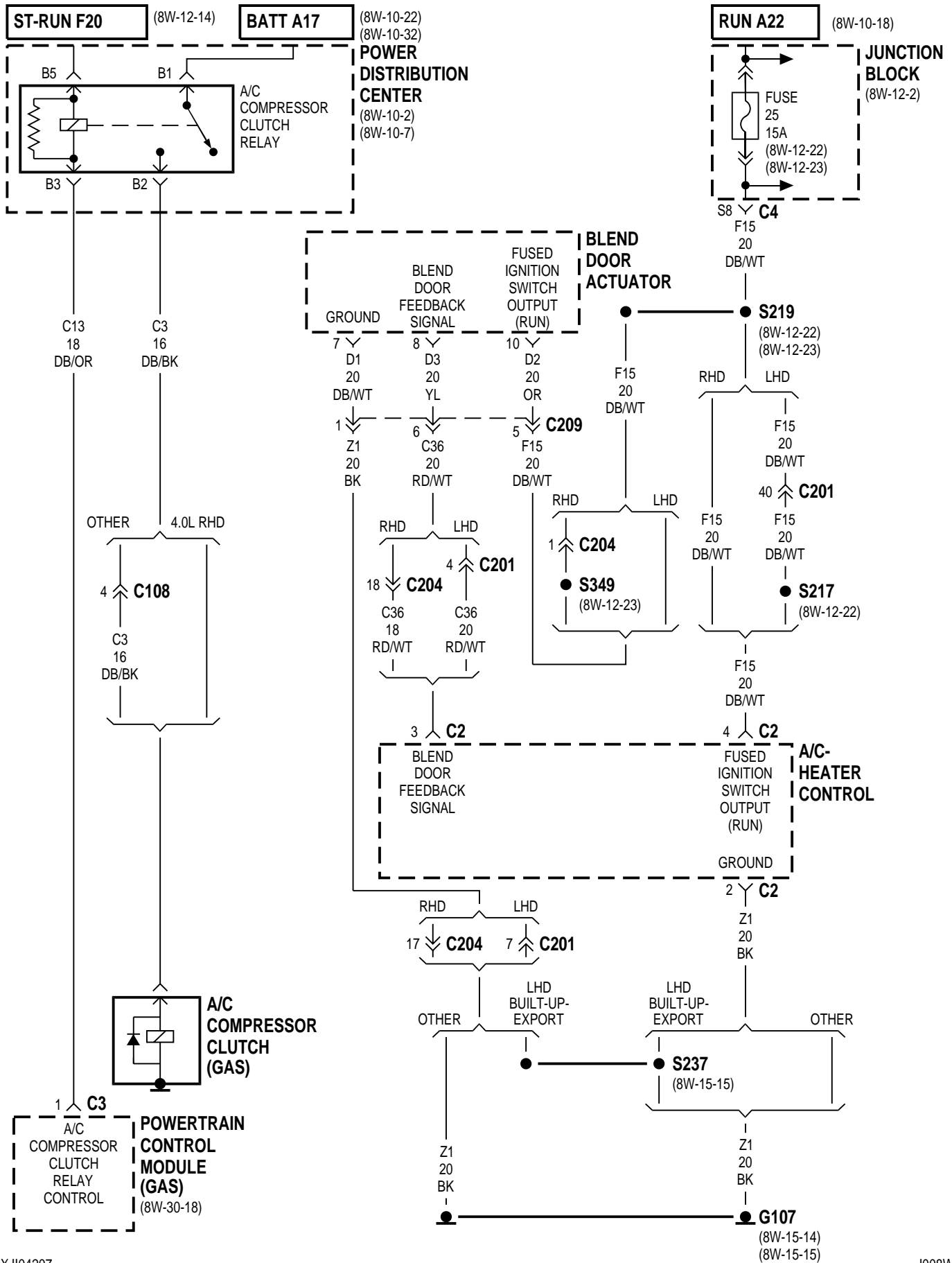
## LHD

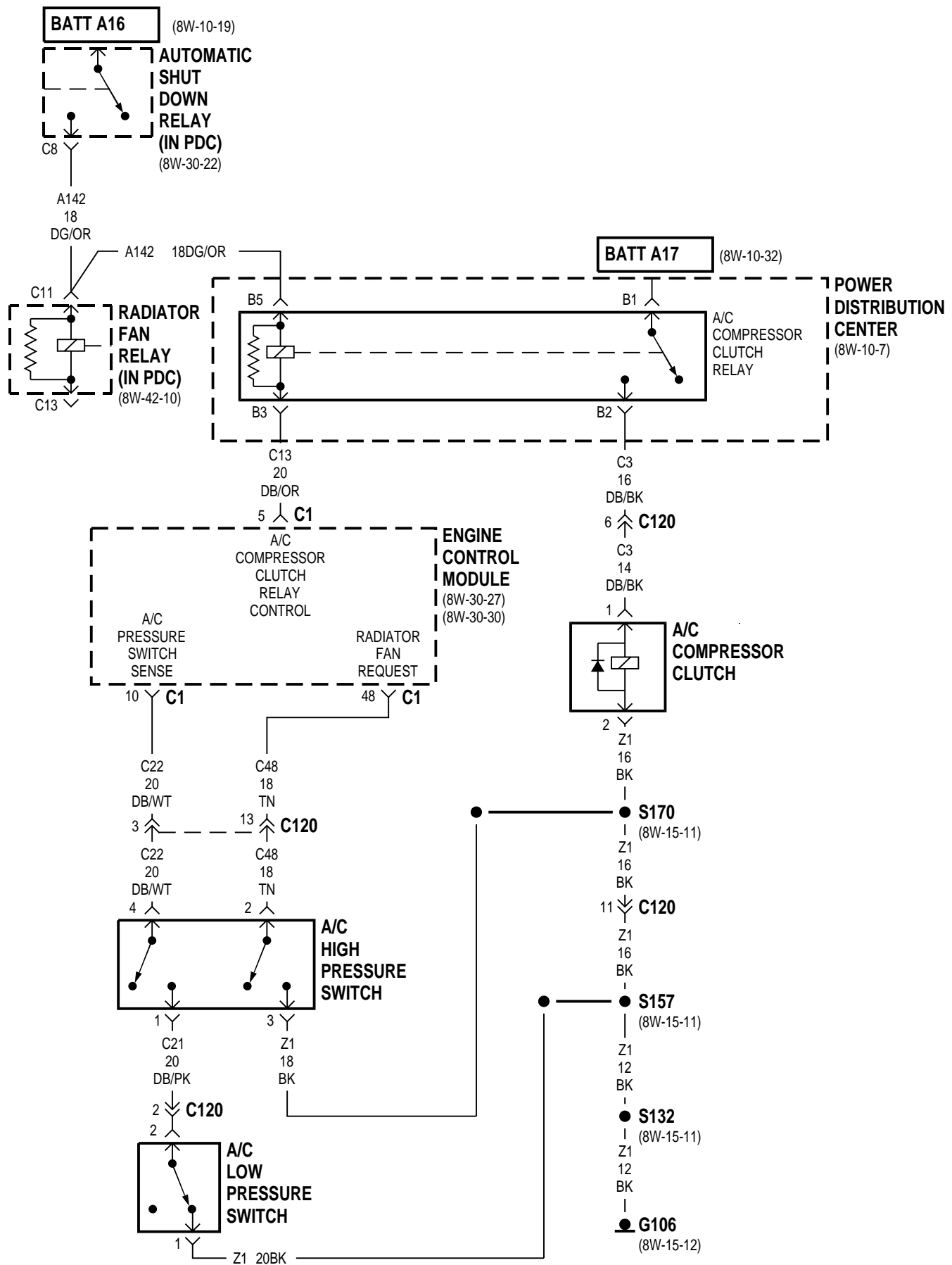


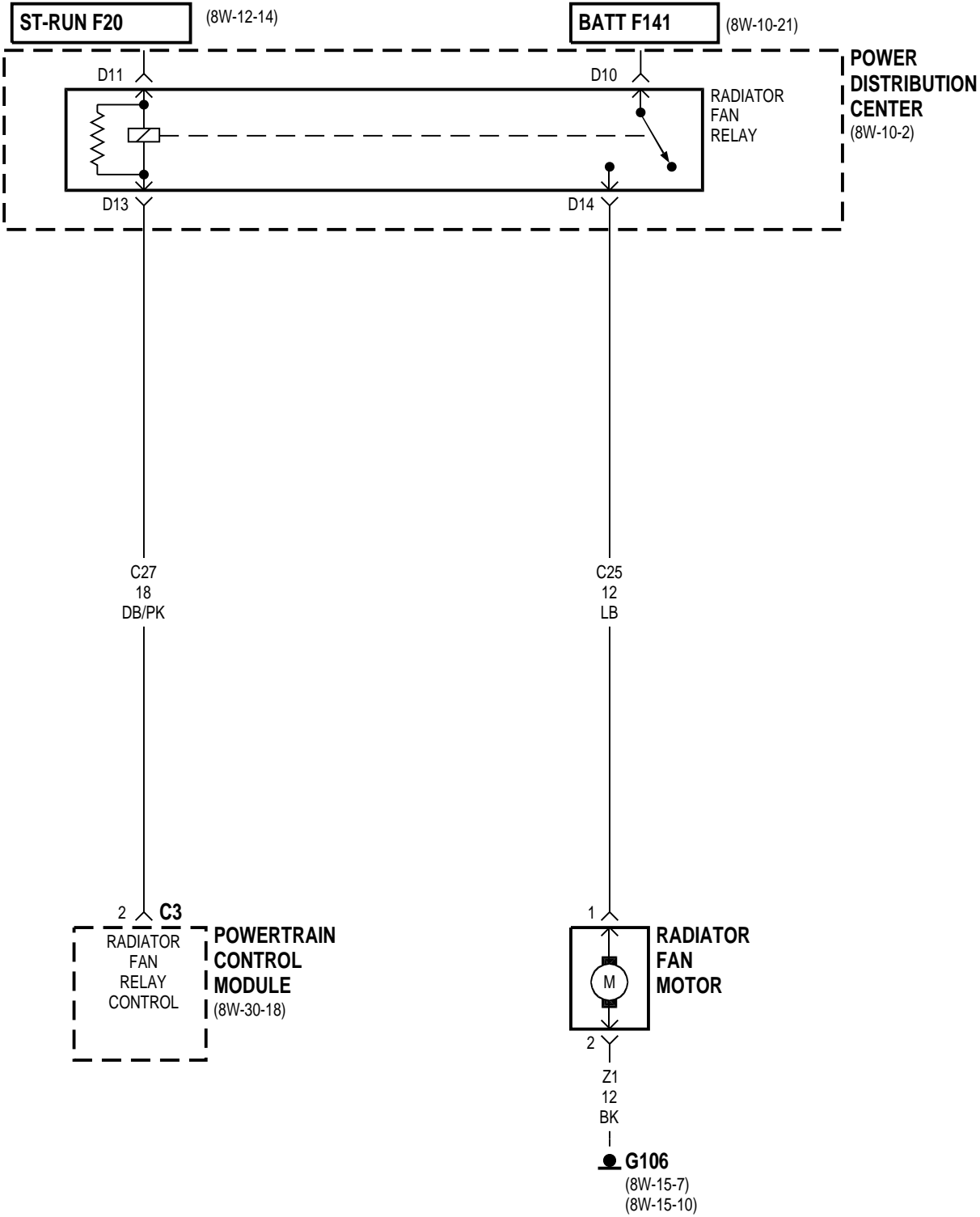
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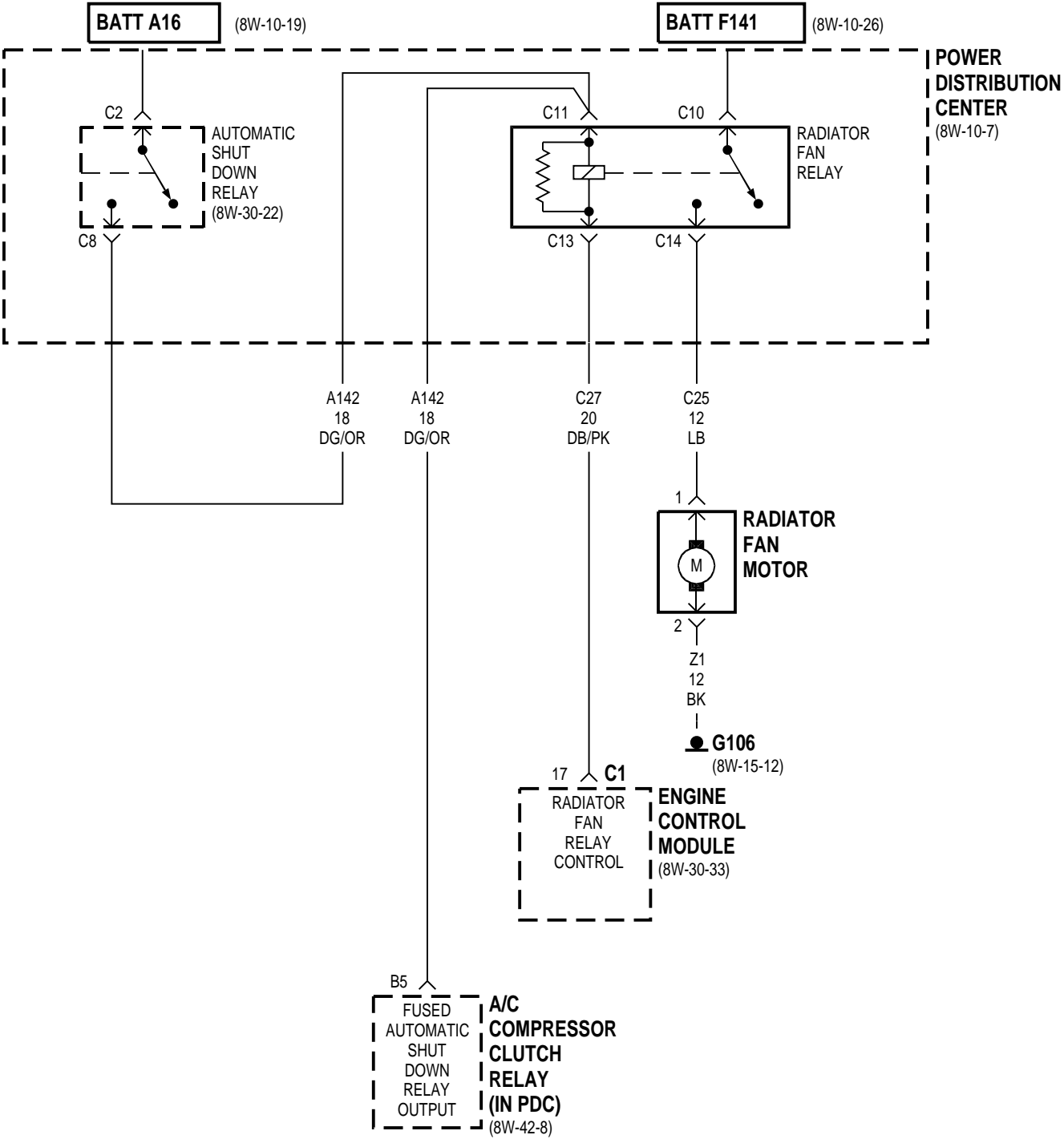








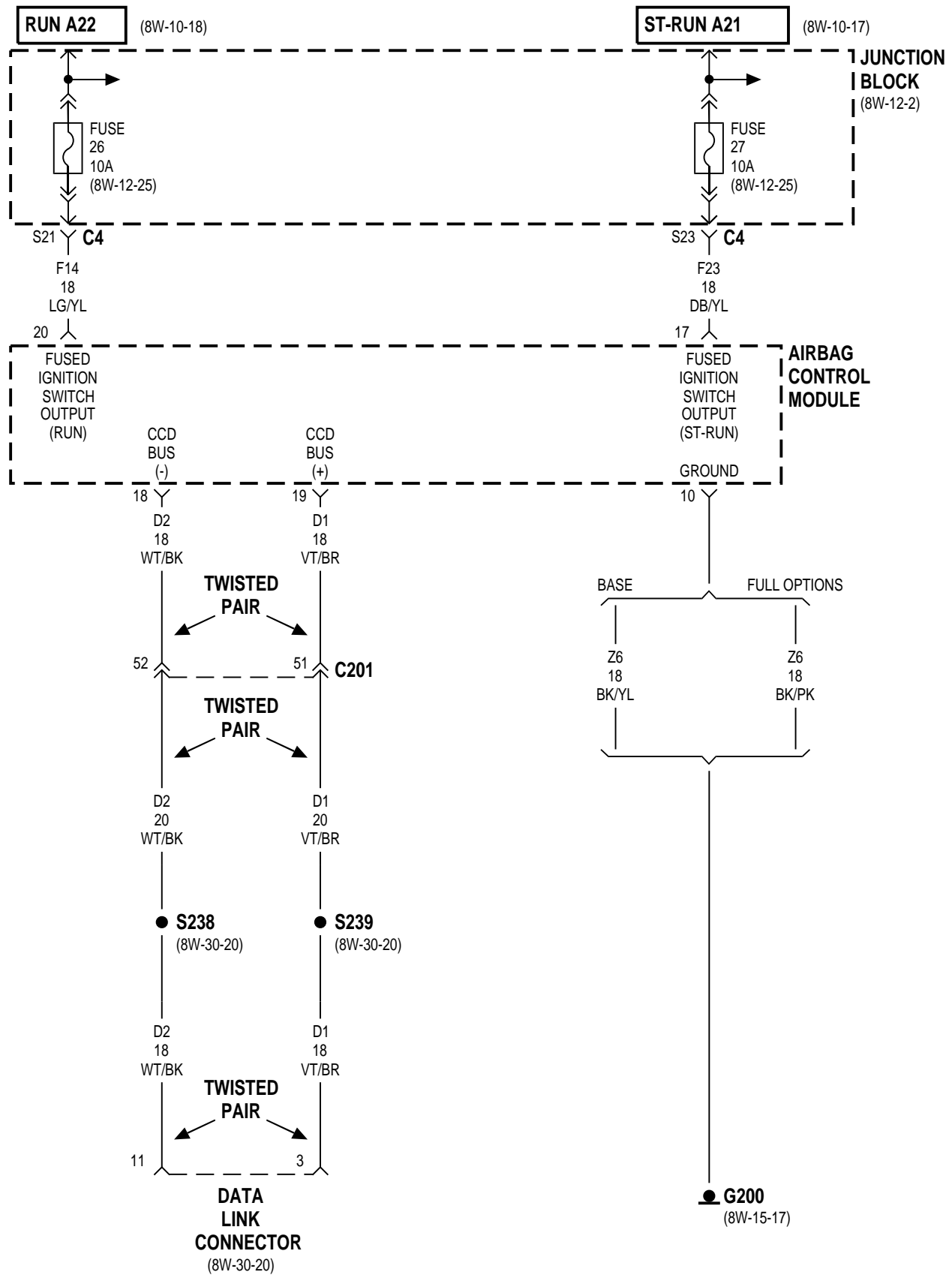


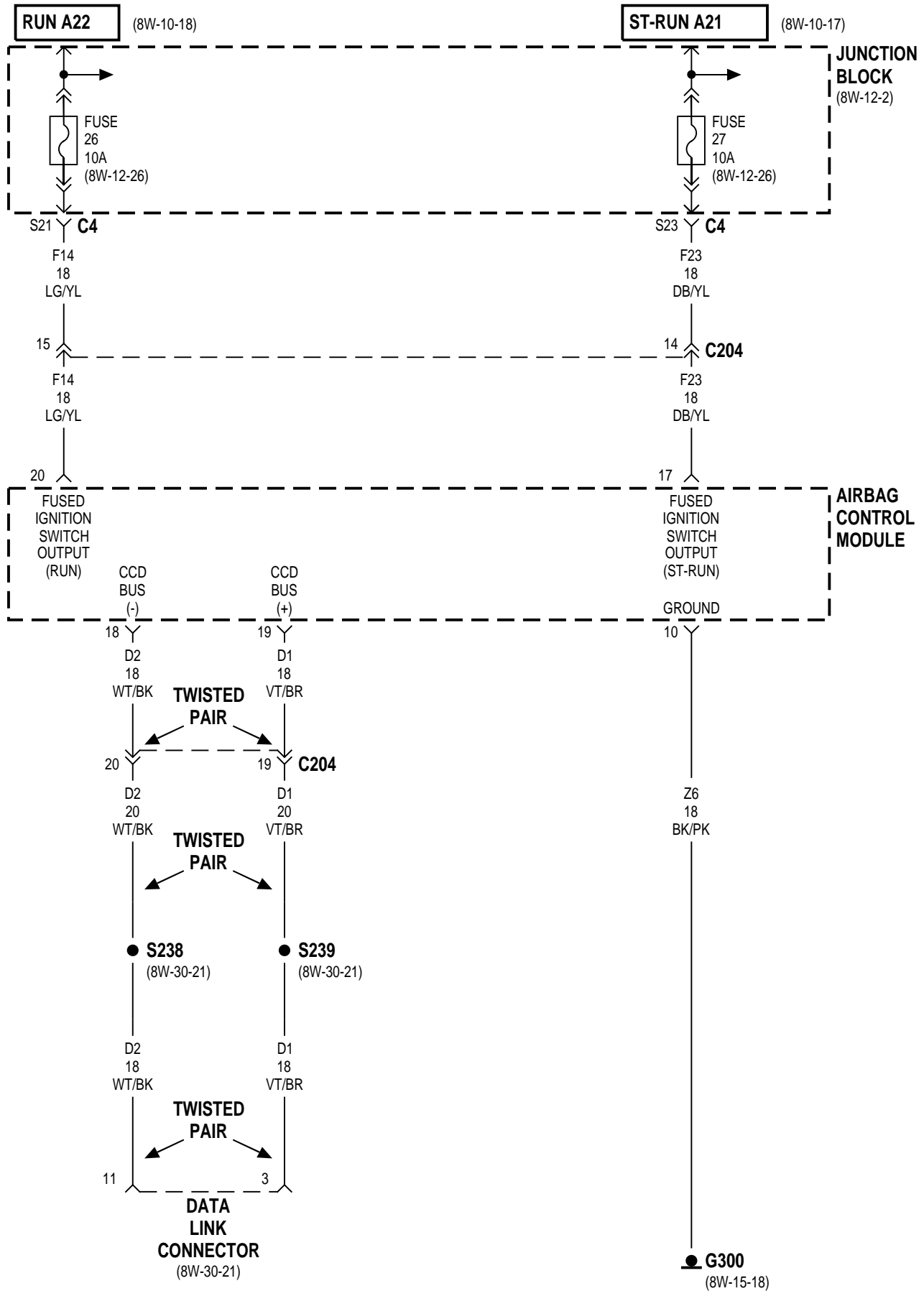


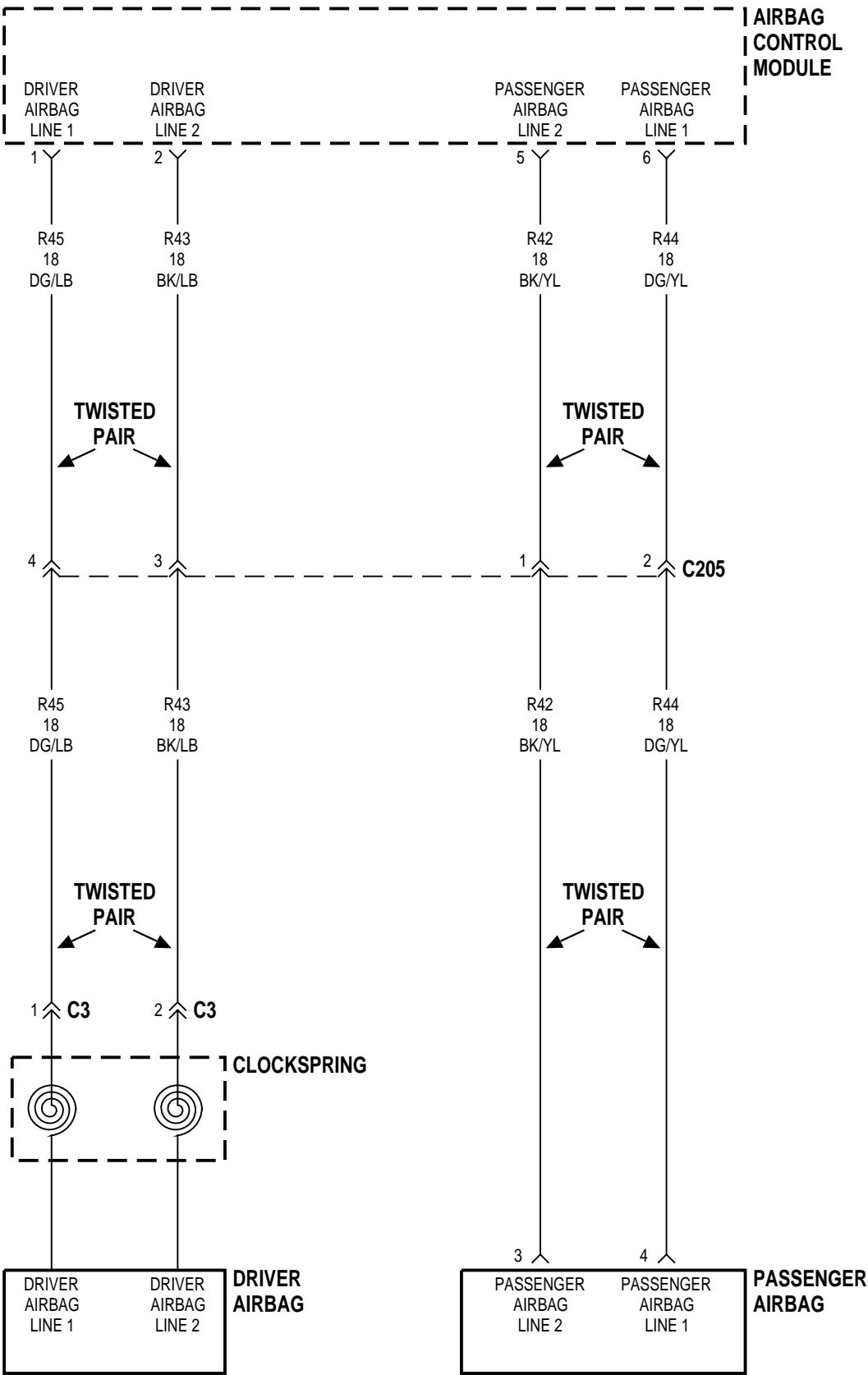


## 8W-43 AIRBAG SYSTEM

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Airbag Control Module . . . . .	8W-43-2, 3, 4	Fuse 27 (JB) . . . . .	8W-43-2, 3
Clockspring . . . . .	8W-43-4	G200 . . . . .	8W-43-2
Data Link Connector . . . . .	8W-43-2, 3	G300 . . . . .	8W-43-3
Driver Airbag . . . . .	8W-43-4	Junction Block . . . . .	8W-43-2, 3
Fuse 26 (JB) . . . . .	8W-43-2, 3	Passenger Airbag . . . . .	8W-43-4

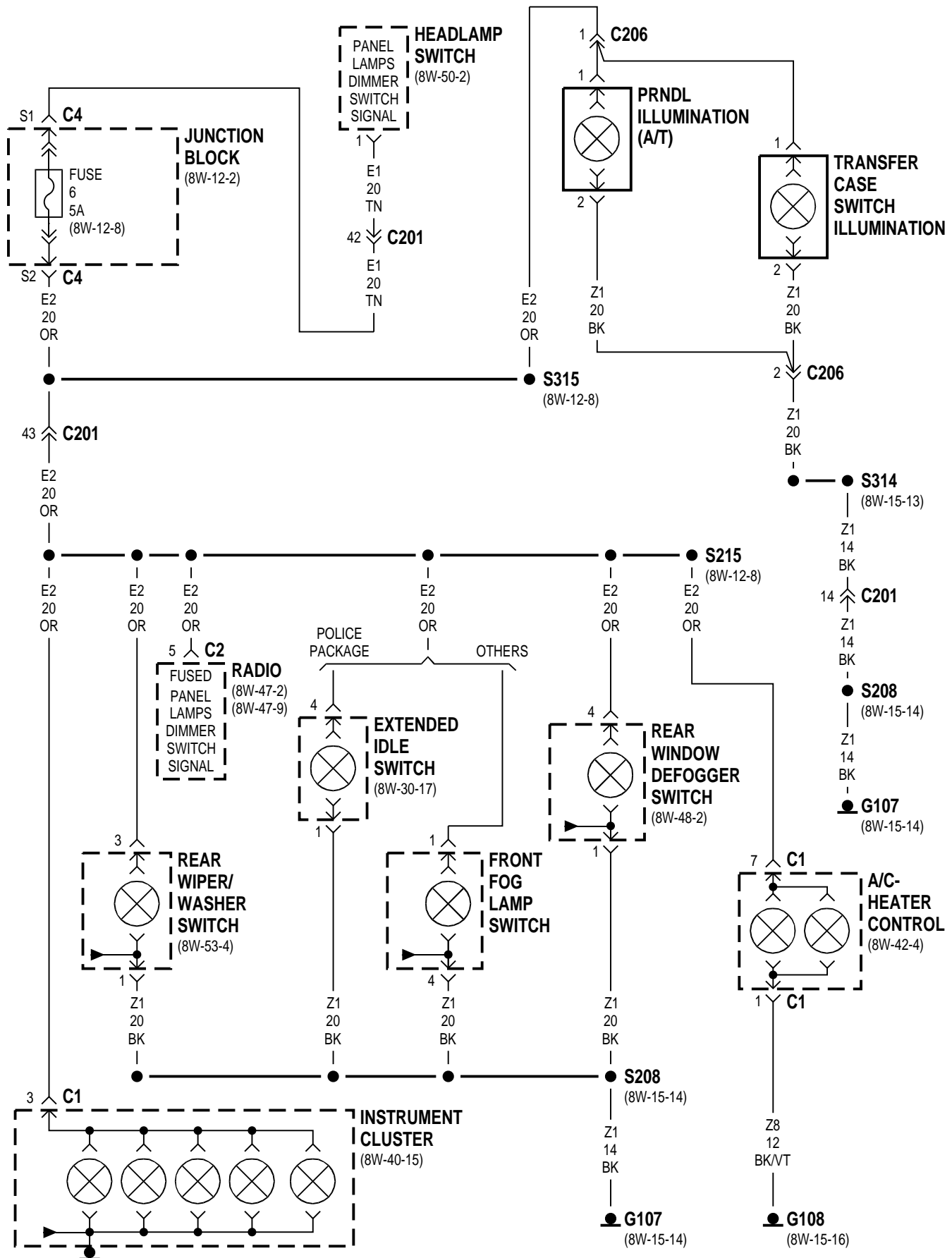


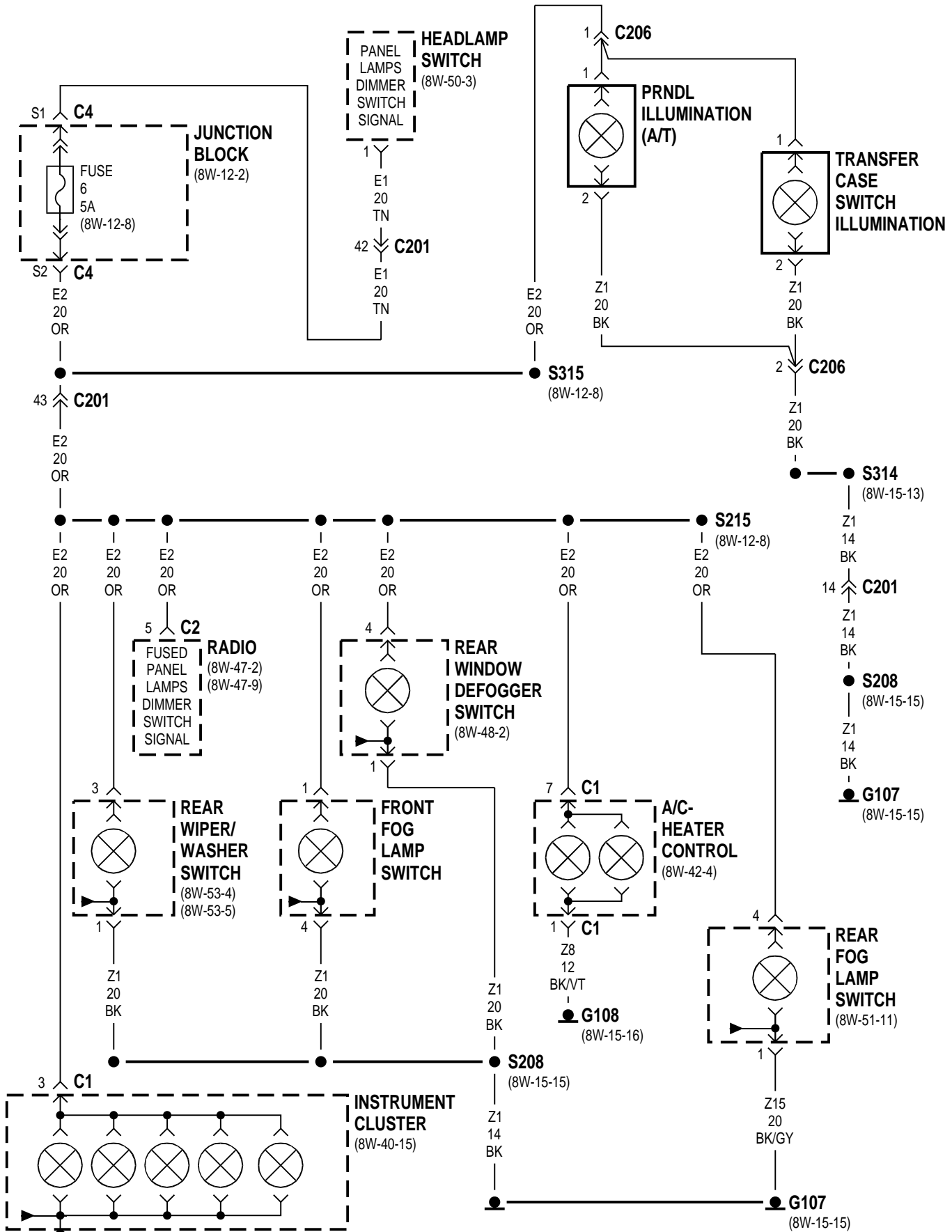




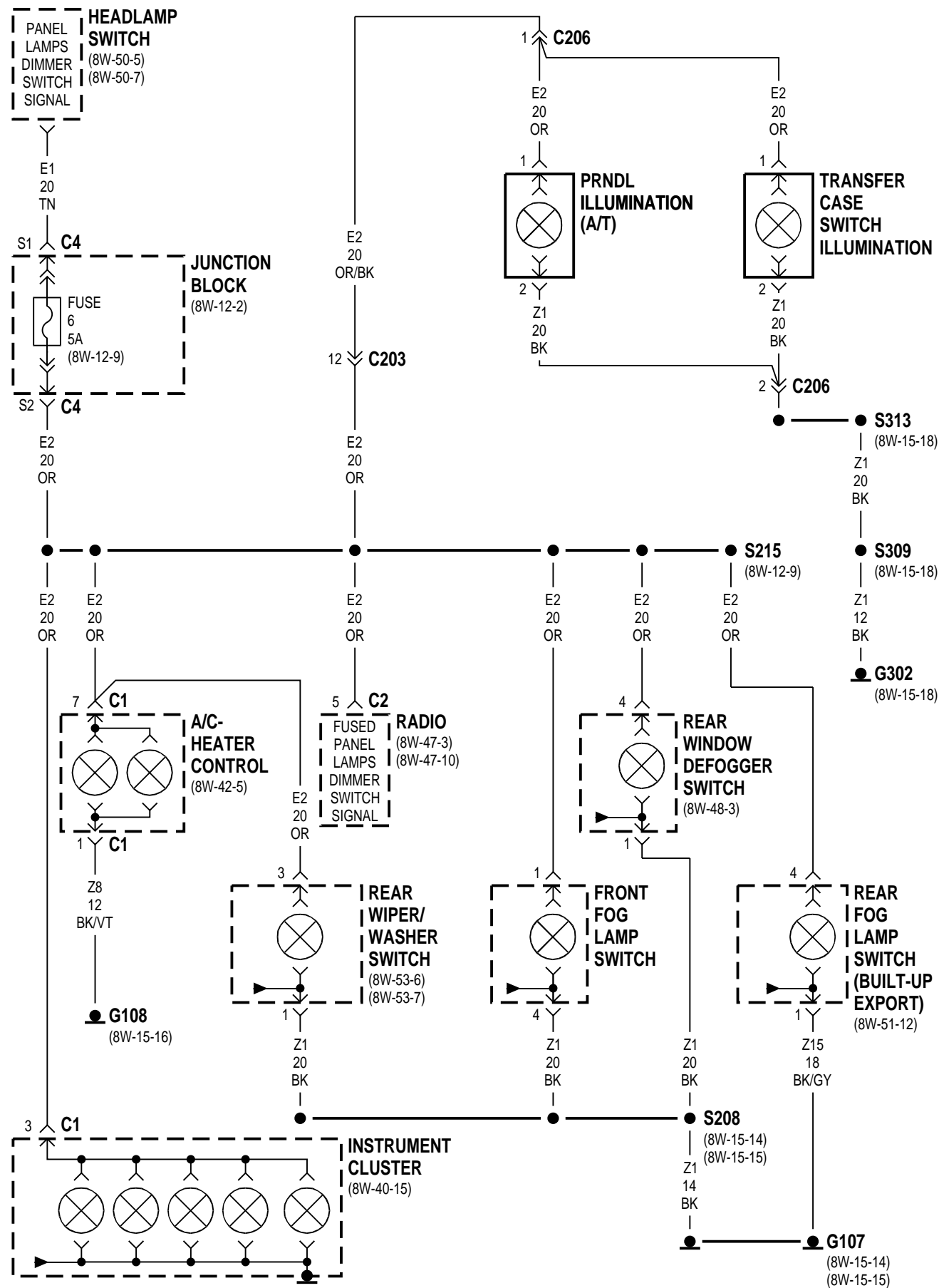
## 8W-44 INTERIOR LIGHTING

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C- Heater Control . . . . .	8W-44-2, 3, 4	Instrument Cluster . . . . .	8W-44-2, 3, 4, 8, 9
Cargo Lamp/Switch . . . . .	8W-44-8, 9	Junction Block . . . . .	8W-44-2, 3, 4, 5, 6, 7
Compass . . . . .	8W-44-5	Left Courtesy Lamp . . . . .	8W-44-6, 7
Dome Lamp . . . . .	8W-44-5	Left Rear Door Jamb Switch . . . . .	8W-44-8, 9
Dome Lamps Switch . . . . .	8W-44-5	Left Visor/Vanity Lamp . . . . .	8W-44-5
Driver Door Jamb Switch . . . . .	8W-44-8, 9	Liftgate Switch . . . . .	8W-44-8, 9
Extended Idle Switch . . . . .	8W-44-2	Passenger Door Jamb Switch . . . . .	8W-44-8, 9
Front Fog Lamp Switch . . . . .	8W-44-2, 3, 4	Power Distribution Center . . . . .	8W-44-6, 7
Fuse 6 (JB) . . . . .	8W-44-2, 3, 4	PRNDL Illumination . . . . .	8W-44-2, 3, 4
Fuse 16 (PDC) . . . . .	8W-44-6, 7	Radio . . . . .	8W-44-2, 3, 4
G106 . . . . .	8W-44-6, 7	Rear Fog Lamp Switch . . . . .	8W-44-3, 4
G107 . . . . .	8W-44-2, 3, 4, 5	Rear Window Defogger Switch . . . . .	8W-44-2, 3, 4
G108 . . . . .	8W-44-2, 3, 4, 6, 7	Rear Wiper/Washer Switch . . . . .	8W-44-2, 3, 4
G302 . . . . .	8W-44-4, 8, 9	Right Courtesy Lamp . . . . .	8W-44-6, 7
G303 . . . . .	8W-44-8, 9	Right Rear Door Jamb Switch . . . . .	8W-44-8, 9
G304 . . . . .	8W-44-8, 9	Right Visor/Vanity Lamp . . . . .	8W-44-5
Headlamp Delay Module . . . . .	8W-44-6, 7	Transfer Case Switch Illumination . . .	8W-44-2, 3, 4
Headlamp Switch . . . . .	8W-44-2, 3, 4, 6, 7	Underhood Lamp/Switch . . . . .	8W-44-6, 7



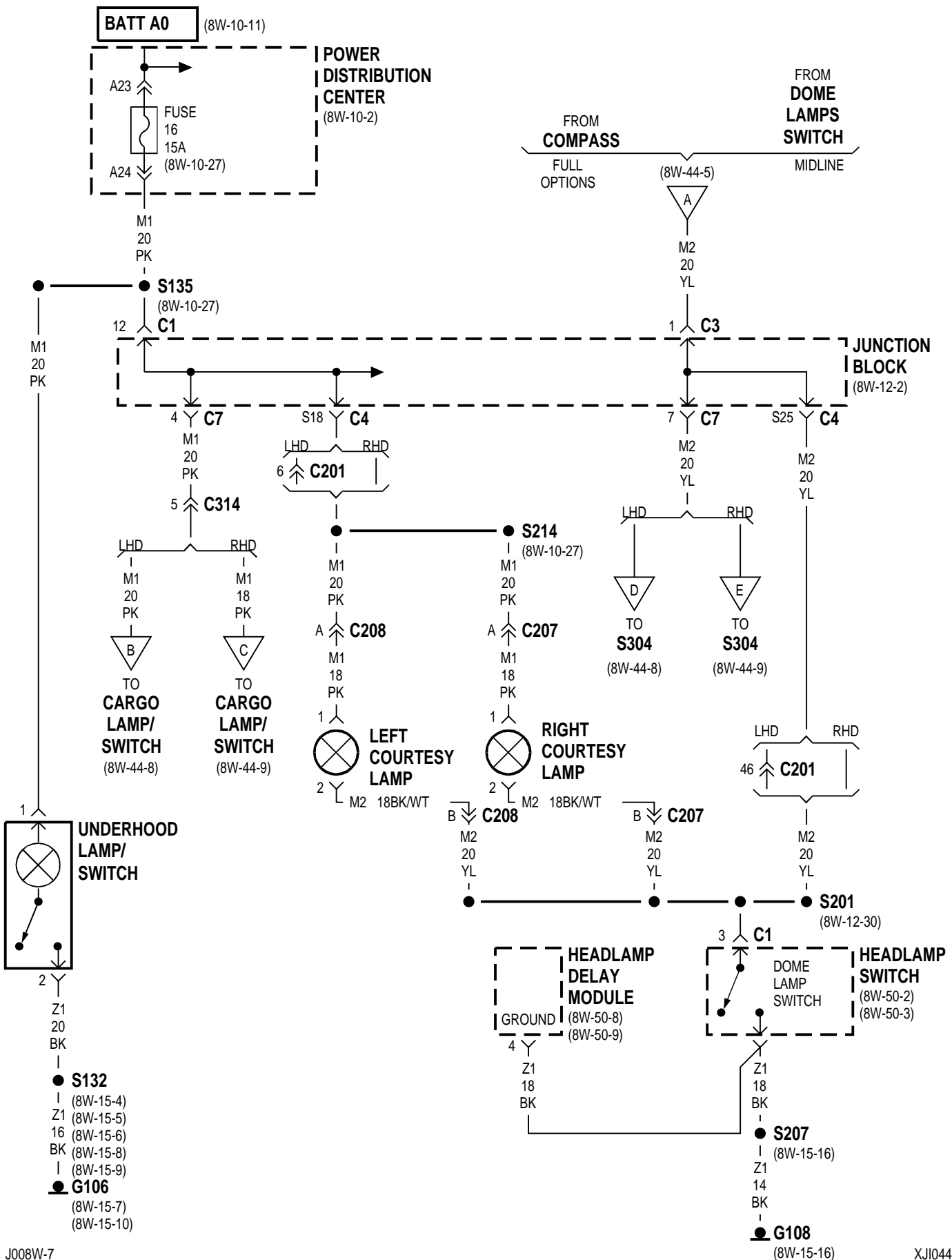


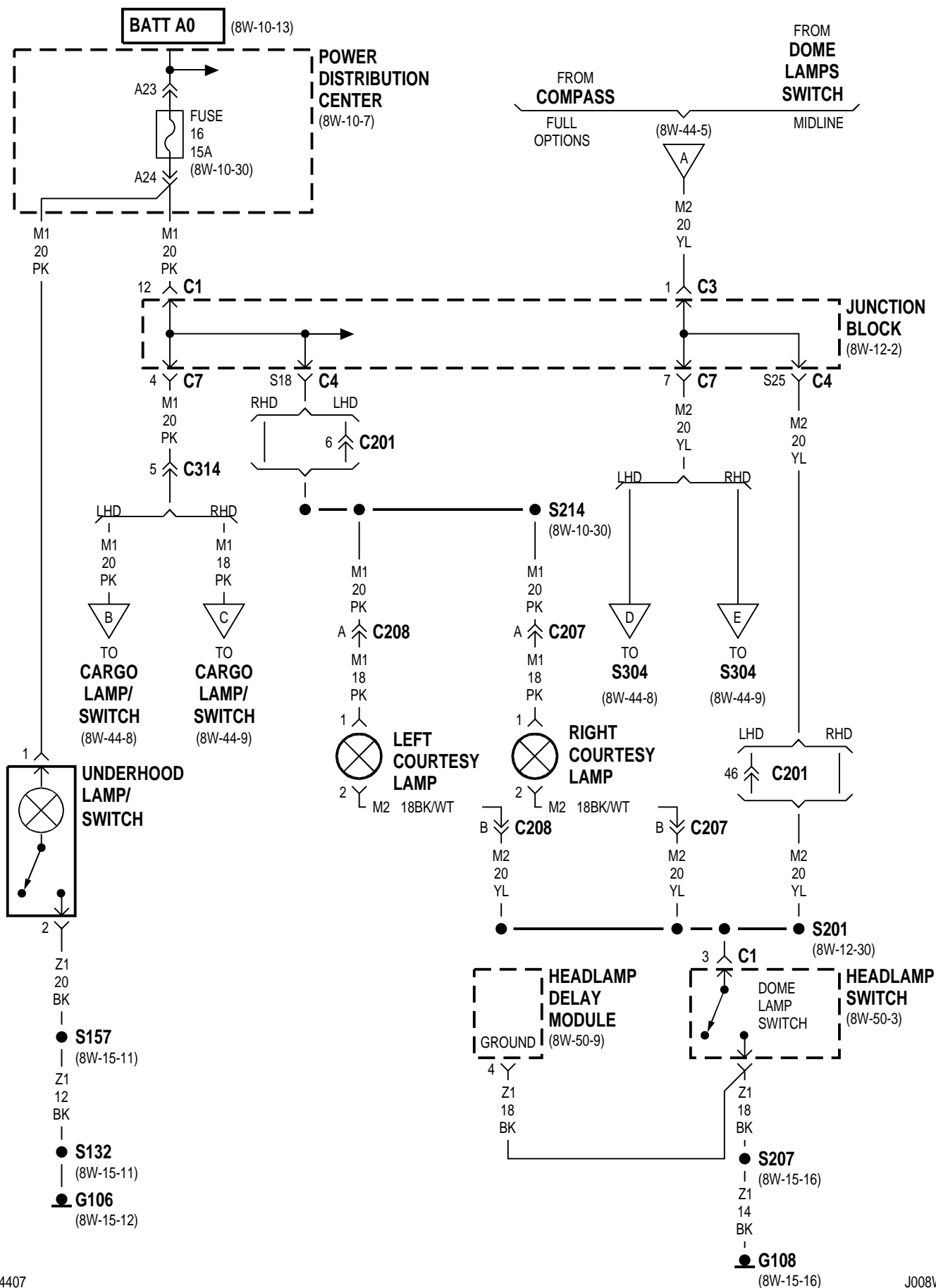
RHD



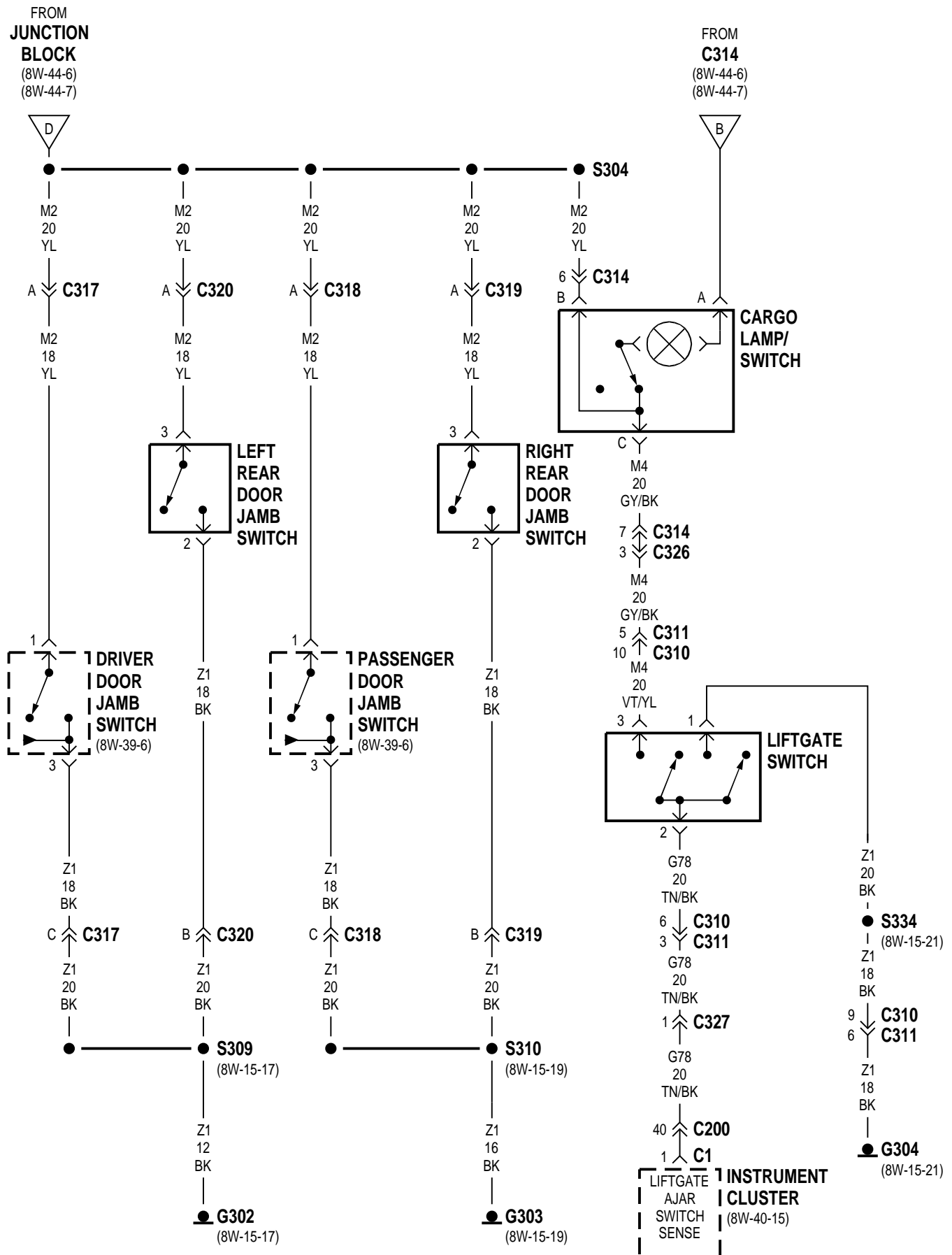


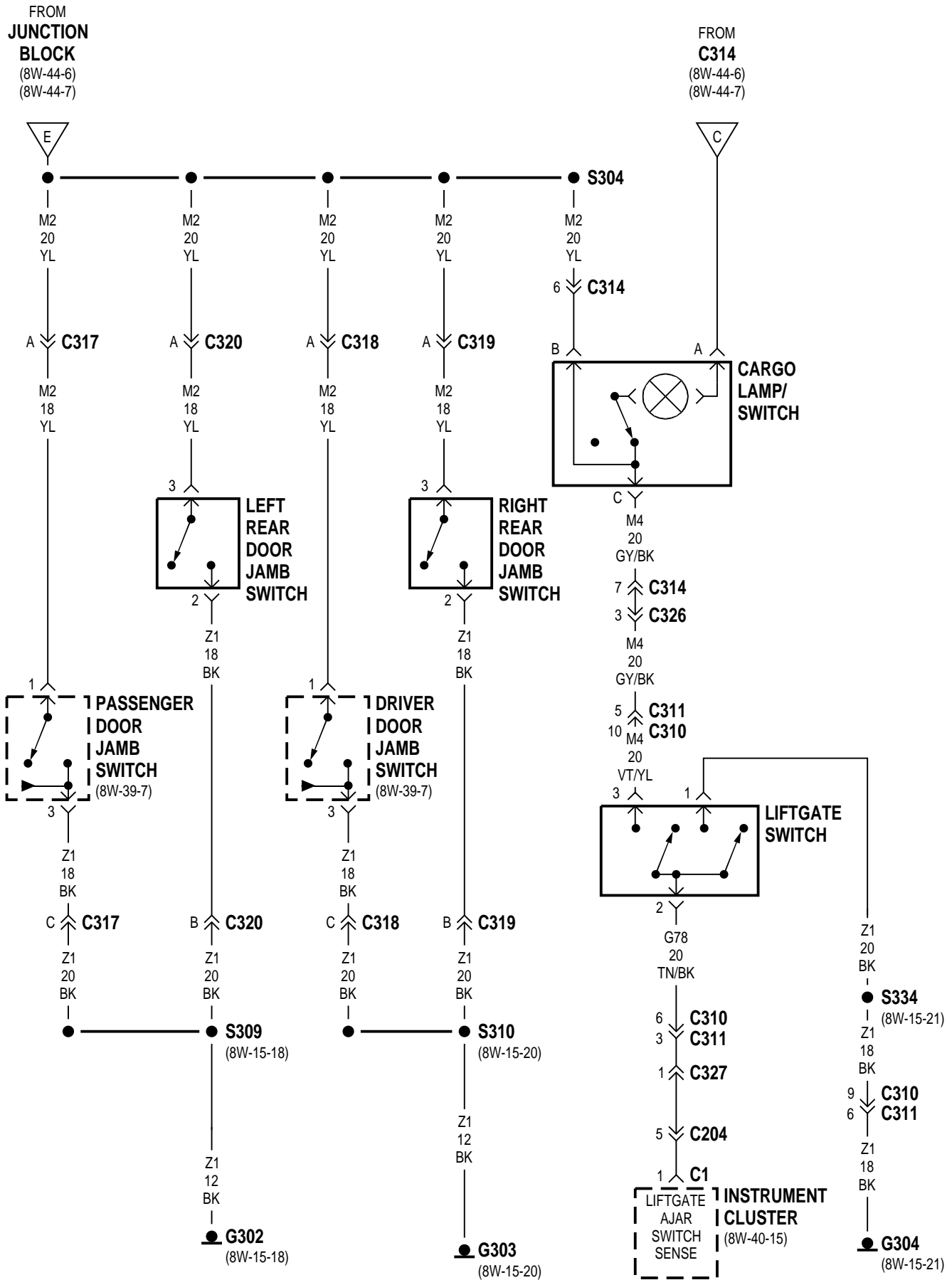






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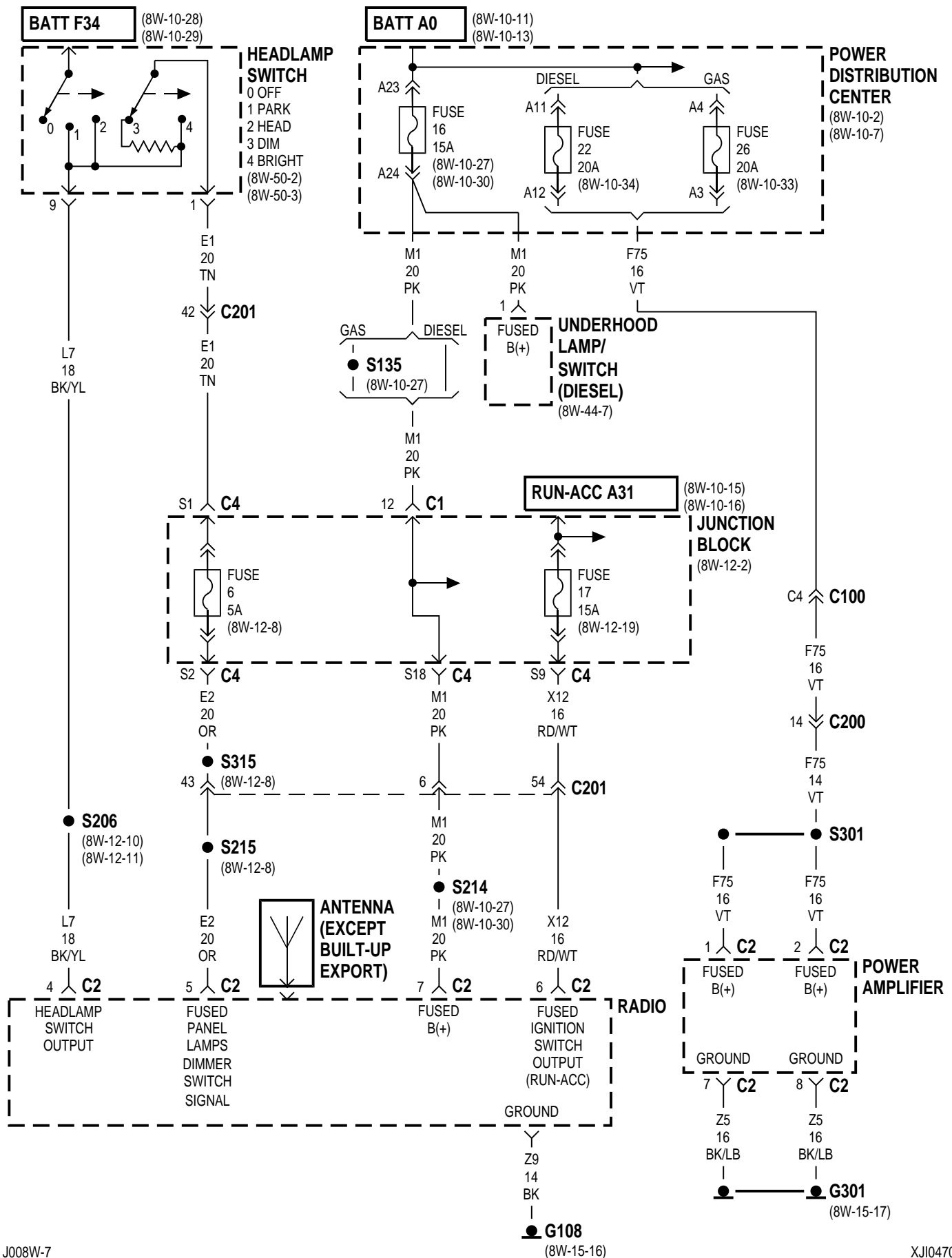






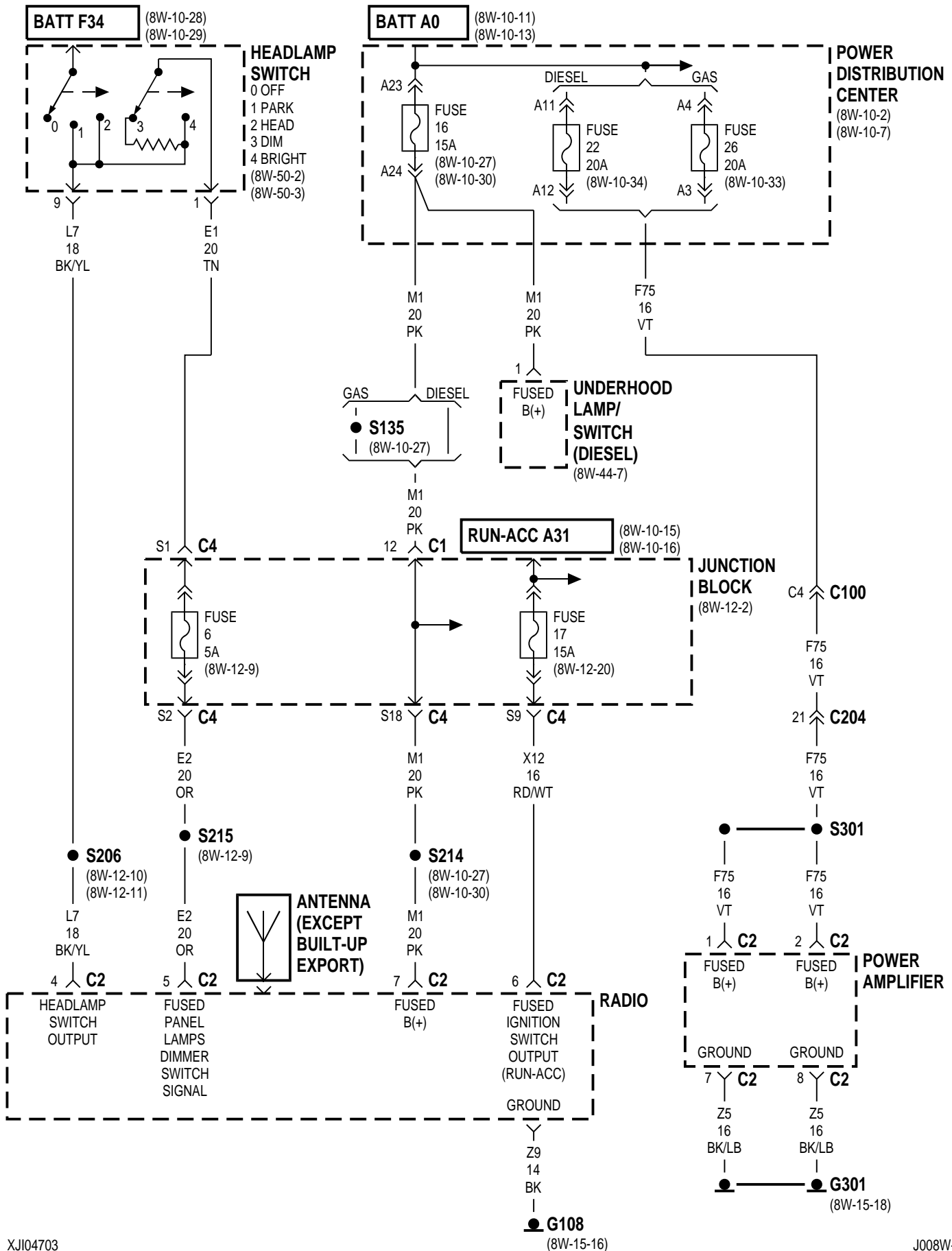
## 8W-47 AUDIO SYSTEM

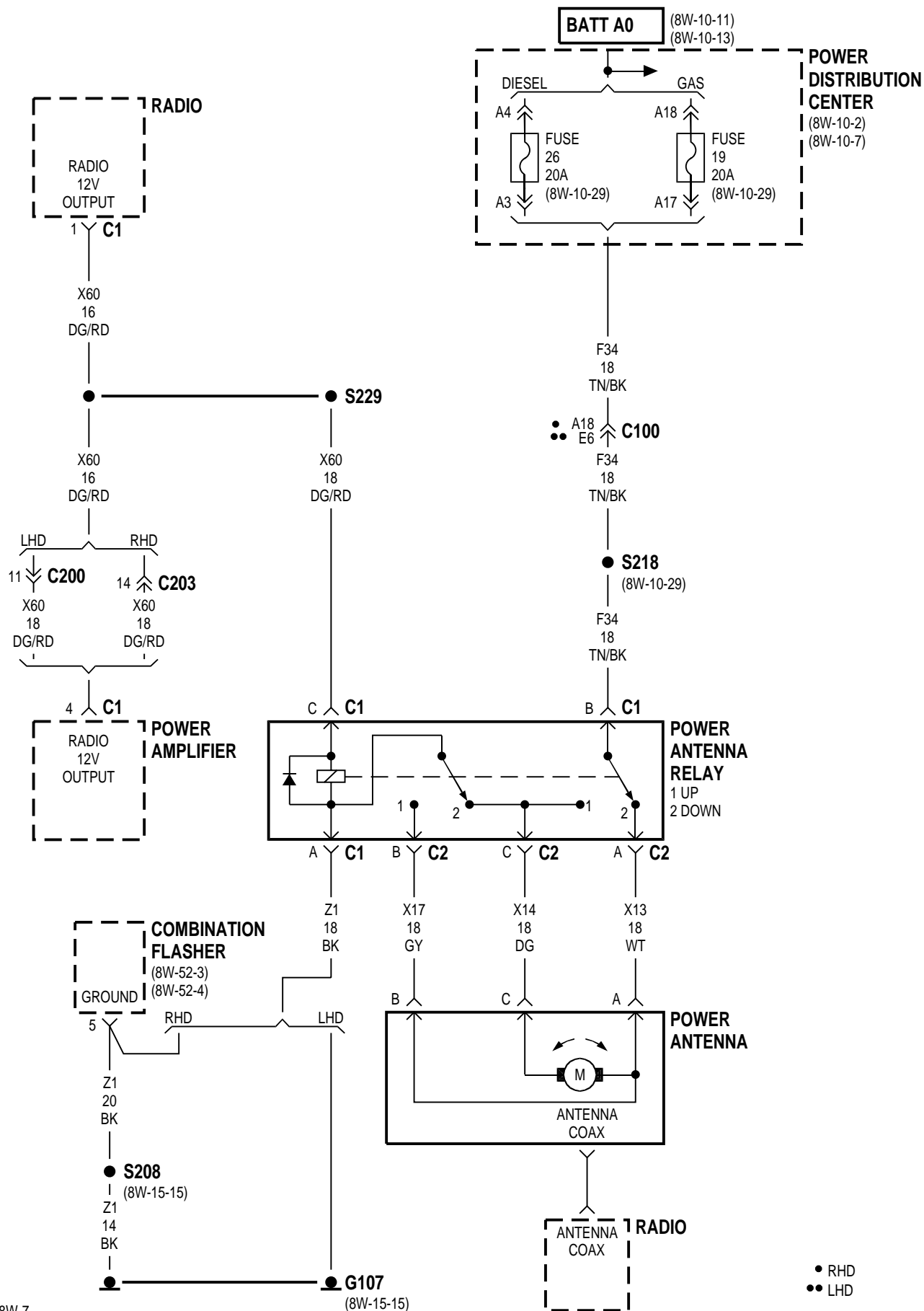
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Antenna . . . . .	8W-47-2, 3, 9, 10	Left Front Door Speaker . . . . .	8W-47-5, 6, 9, 10
Combination Flasher . . . . .	8W-47-4	Left Front Door Tweeter . . . . .	8W-47-5, 6
Fuse 6 (JB) . . . . .	8W-47-2, 3, 9, 10	Left Soundbar Speaker . . . . .	8W-47-5, 6, 11
Fuse 16 (PDC) . . . . .	8W-47-2, 3	Power Amplifier . . . . .	8W-47-2, 3, 4, 5, 6, 7, 8
Fuse 17 (JB) . . . . .	8W-47-2, 3, 9, 10	Power Antenna . . . . .	8W-47-4
Fuse 19 (PDC) . . . . .	8W-47-4	Power Antenna Relay . . . . .	8W-47-4
Fuse 22 (PDC) . . . . .	8W-47-2, 3	Power Distribution Center . . . . .	8W-47-2, 3, 4
Fuse 26 (PDC) . . . . .	8W-47-2, 3, 4	Radio . . . . .	8W-47-2, 3, 4, 5, 6, 7, 8, 9, 10, 11
G107 . . . . .	8W-47-4	Right Front Door Speaker . . . . .	8W-47-7, 8, 9, 10
G108 . . . . .	8W-47-2, 3, 9, 10	Right Front Door Tweeter . . . . .	8W-47-7, 8
G301 . . . . .	8W-47-2, 3	Right Soundbar Speaker . . . . .	8W-47-7, 8, 11
Headlamp Switch . . . . .	8W-47-2, 3, 9, 10	Underhood Lamp/Switch . . . . .	8W-47-2, 3
Junction Block . . . . .	8W-47-2, 3, 9, 10		

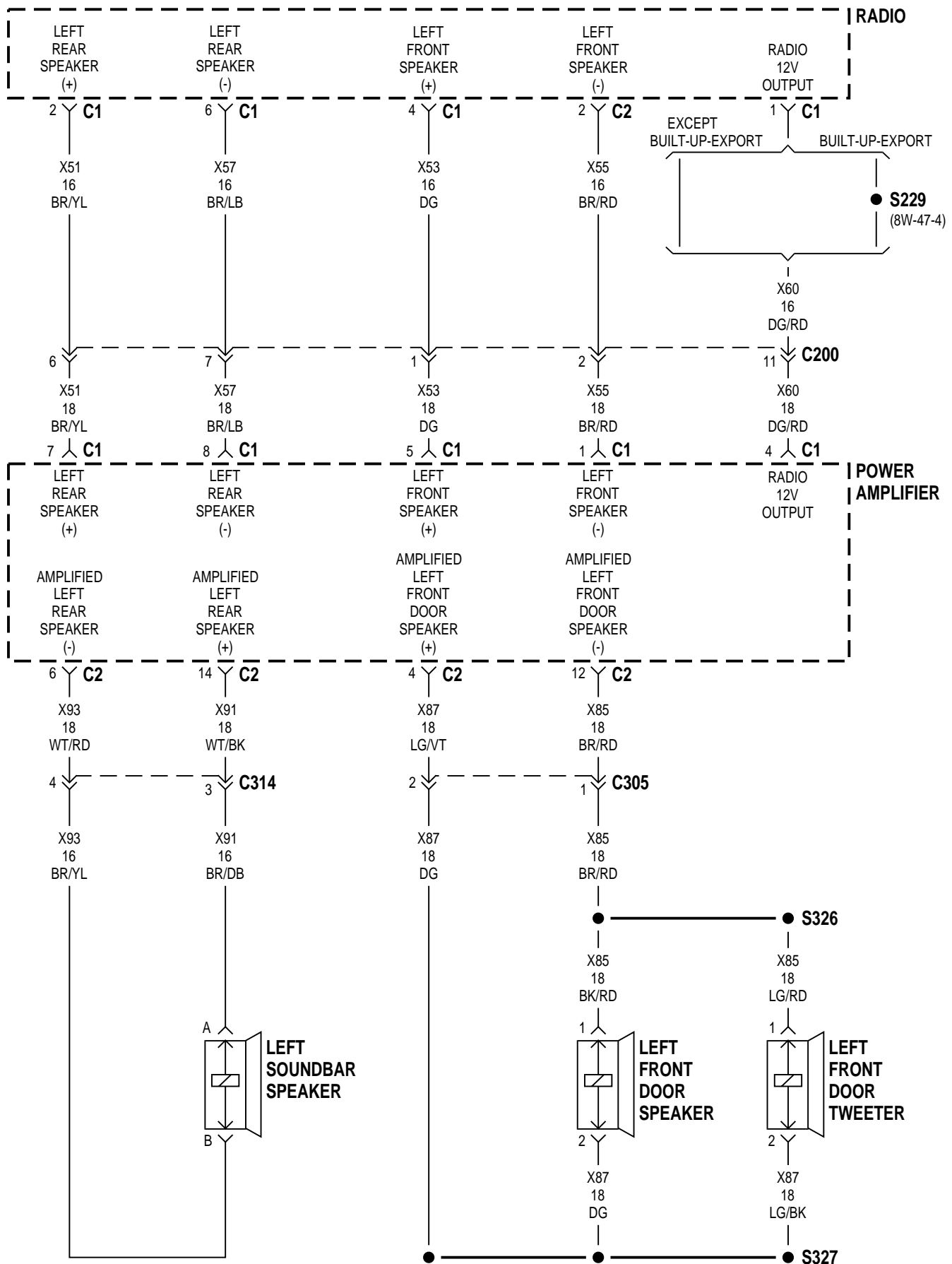


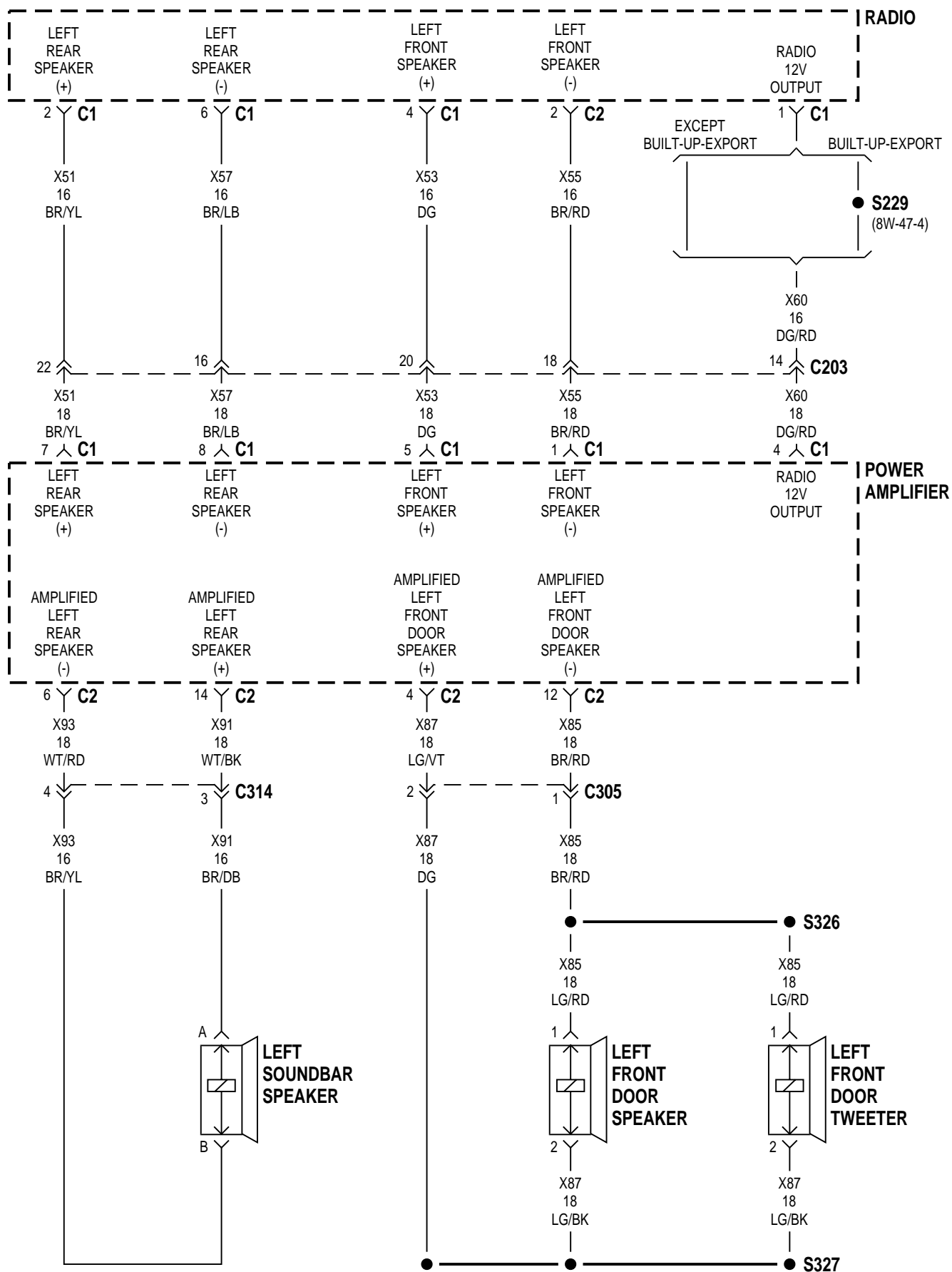


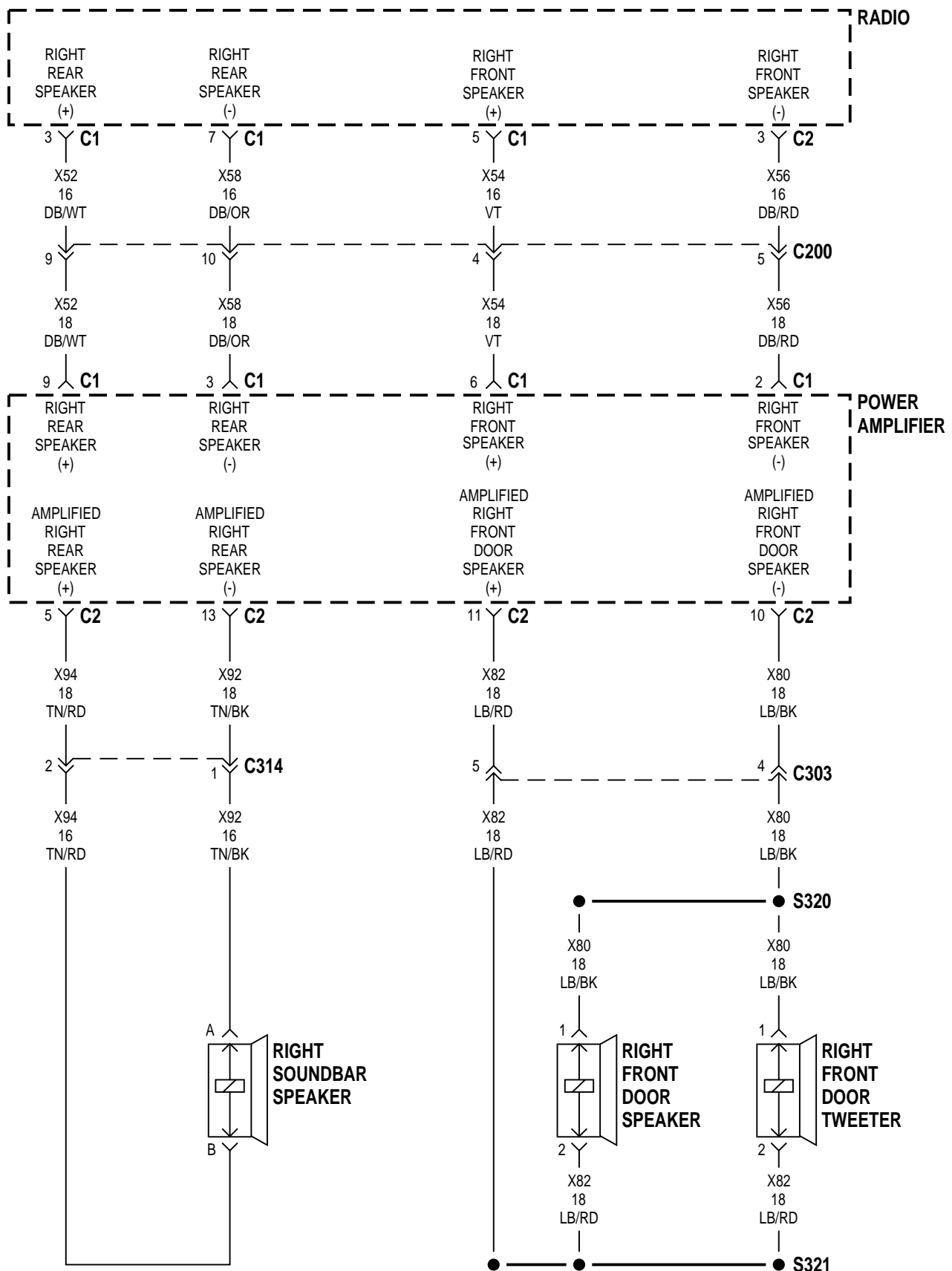
## RHD 6 SPEAKER SYSTEM

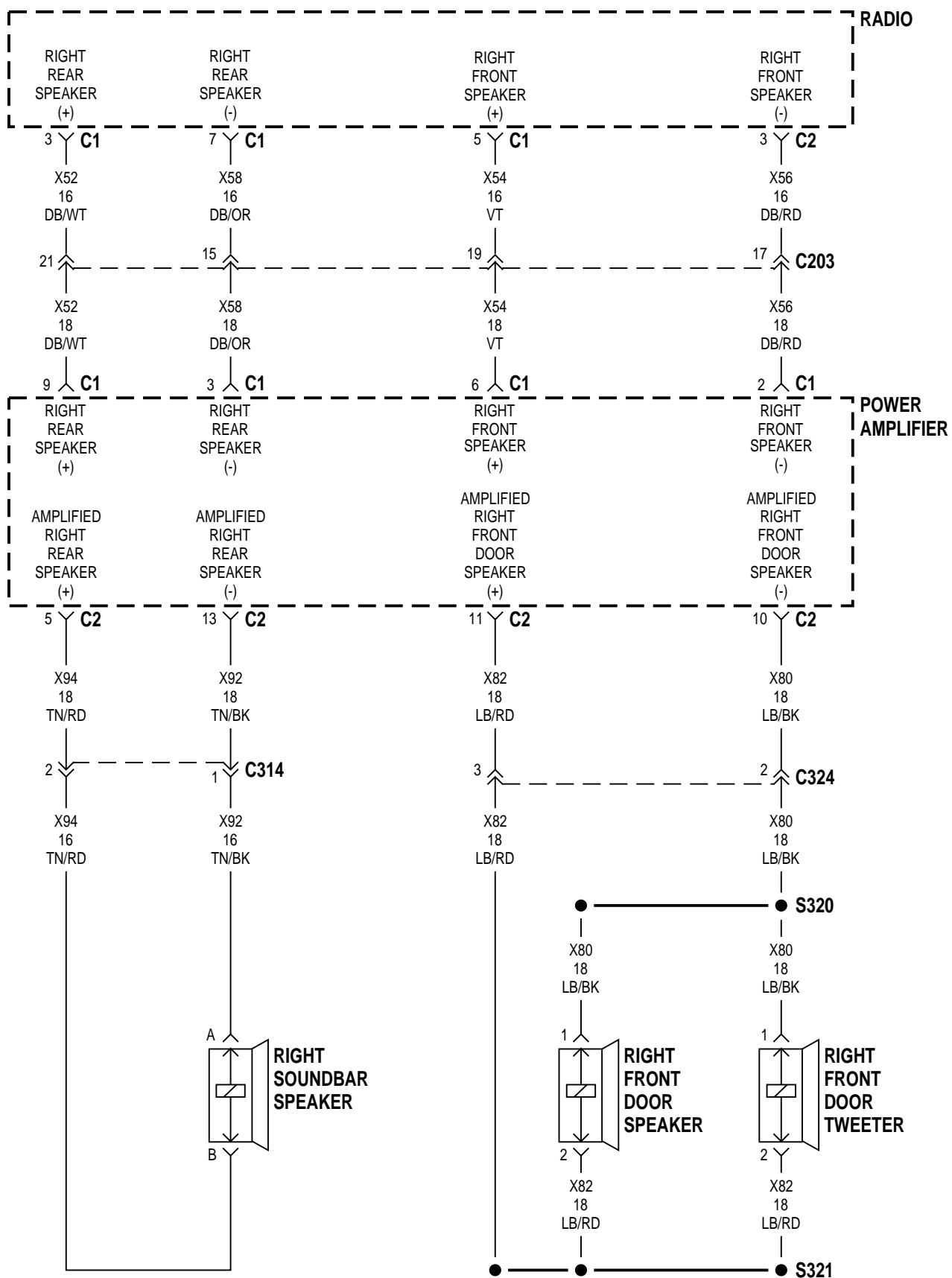


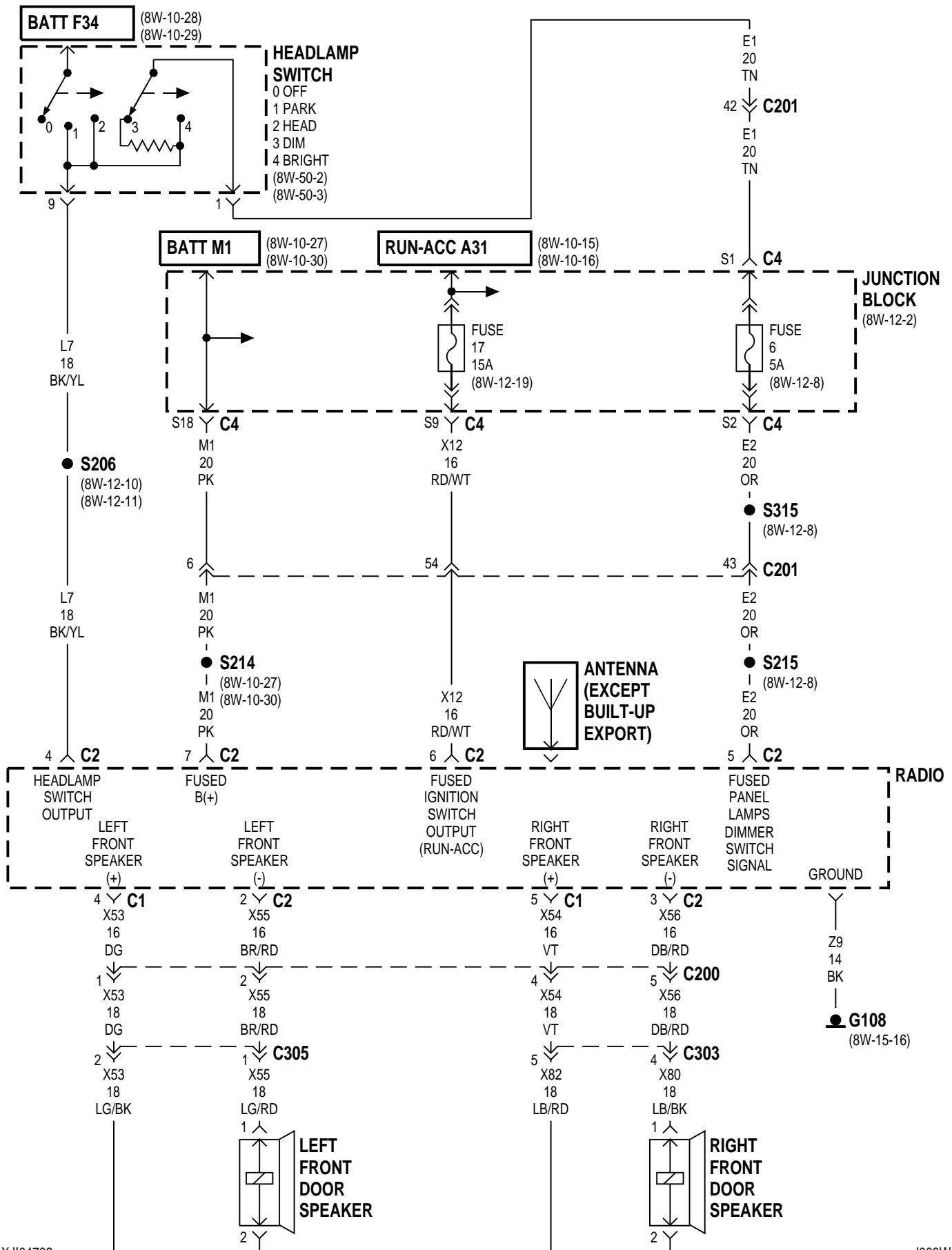


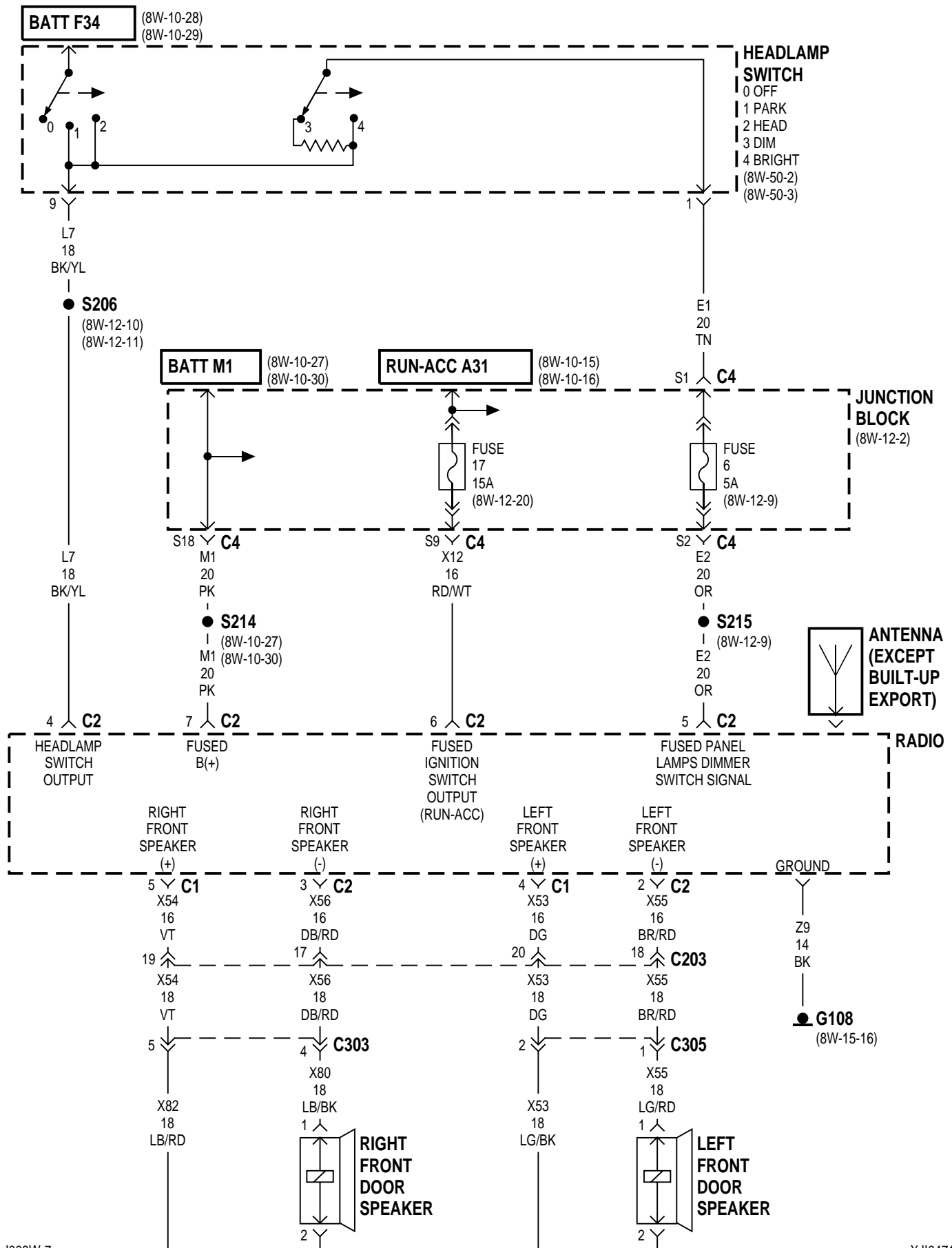




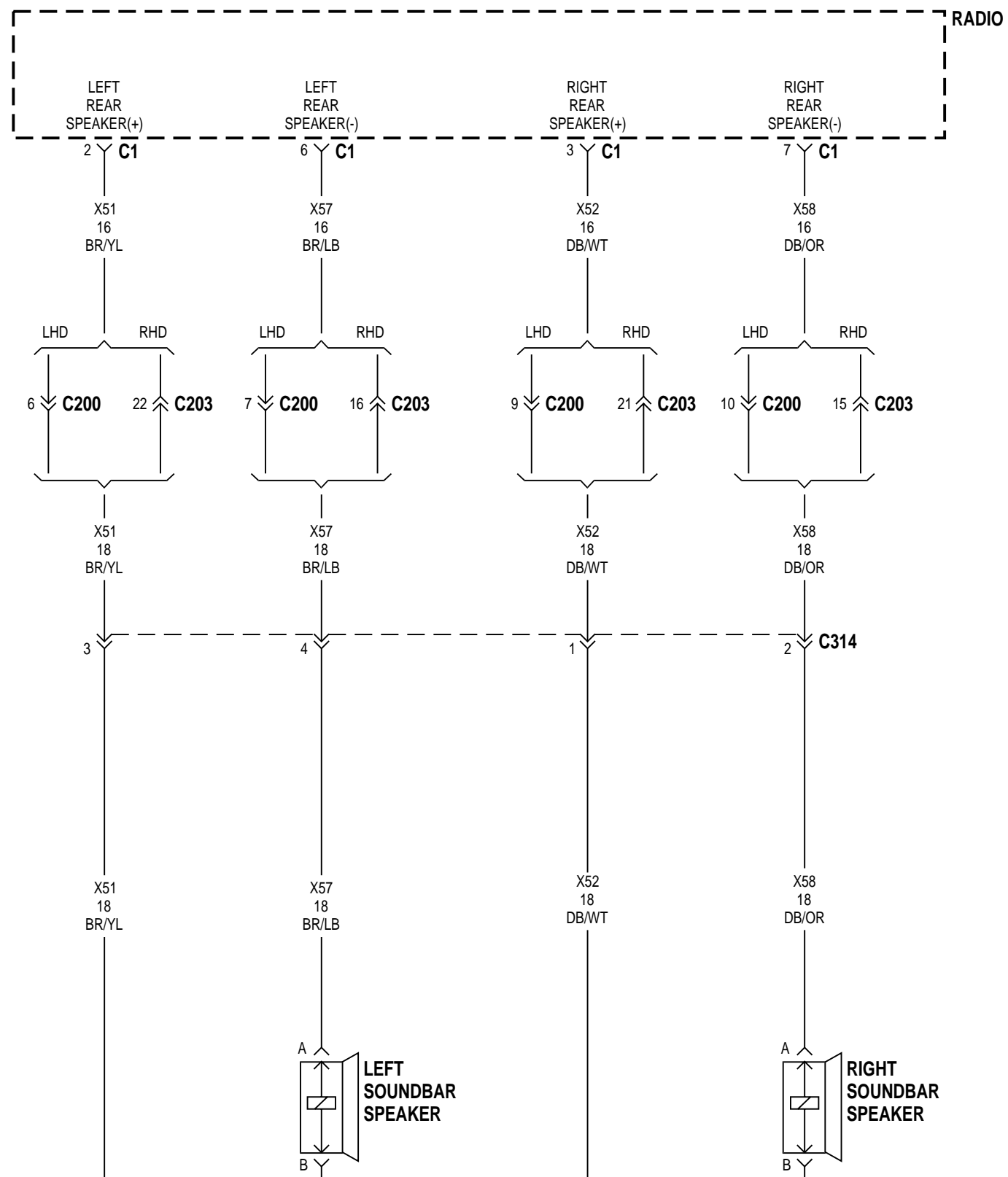










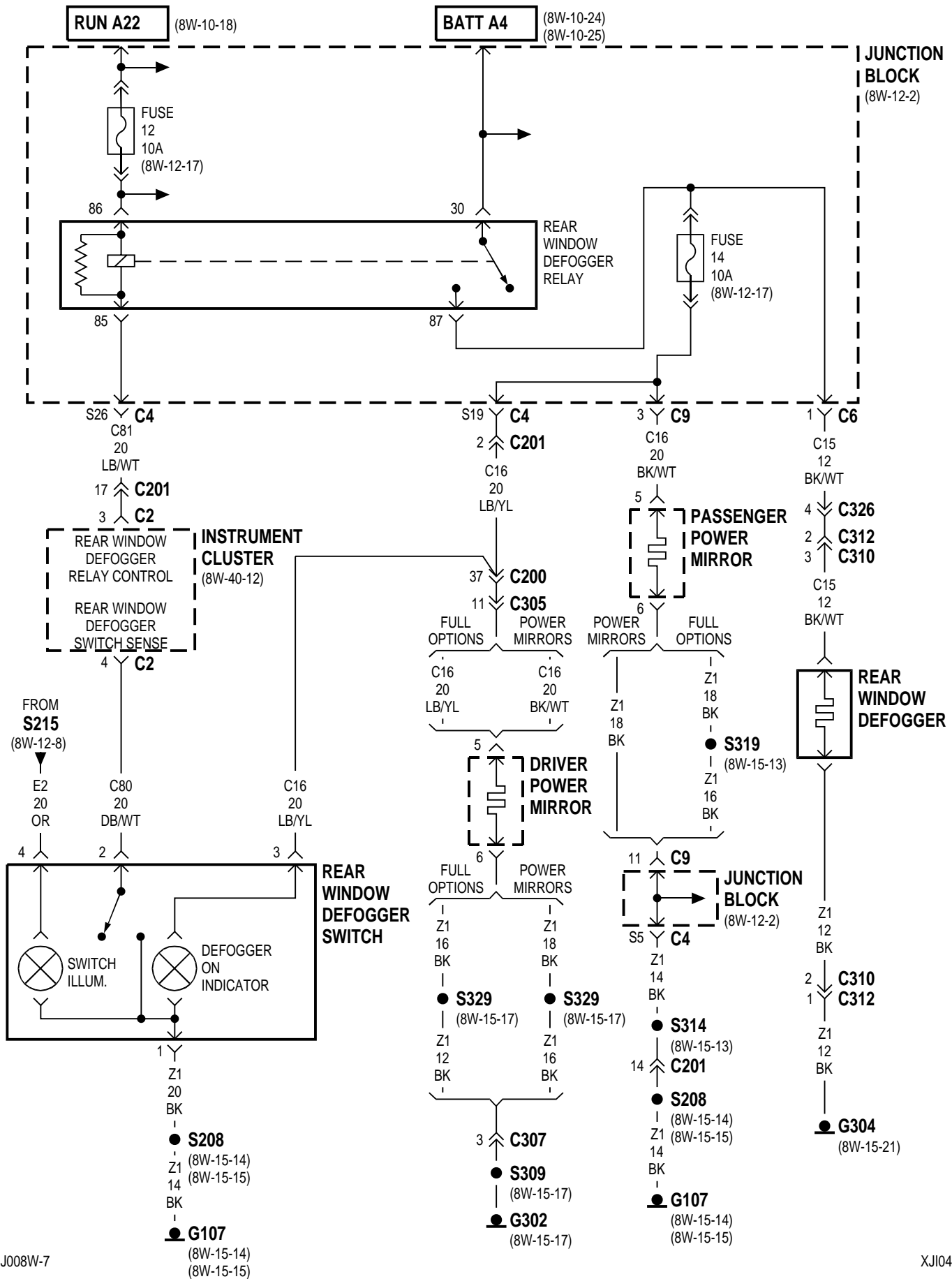




## 8W-48 REAR WINDOW DEFOGGER

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Driver Power Mirror . . . . .	8W-48-2, 3	Instrument Cluster . . . . .	8W-48-2, 3
Fuse 12 (JB) . . . . .	8W-48-2, 3	Junction Block . . . . .	8W-48-2, 3
Fuse 14 (JB) . . . . .	8W-48-2, 3	Passenger Power Mirror . . . . .	8W-48-2, 3
G107 . . . . .	8W-48-2, 3	Rear Window Defogger . . . . .	8W-48-2, 3
G302 . . . . .	8W-48-2, 3	Rear Window Defogger Relay . . . . .	8W-48-2, 3
G303 . . . . .	8W-48-3	Rear Window Defogger Switch . . . . .	8W-48-2, 3
G304 . . . . .	8W-48-2, 3		

**LHD**



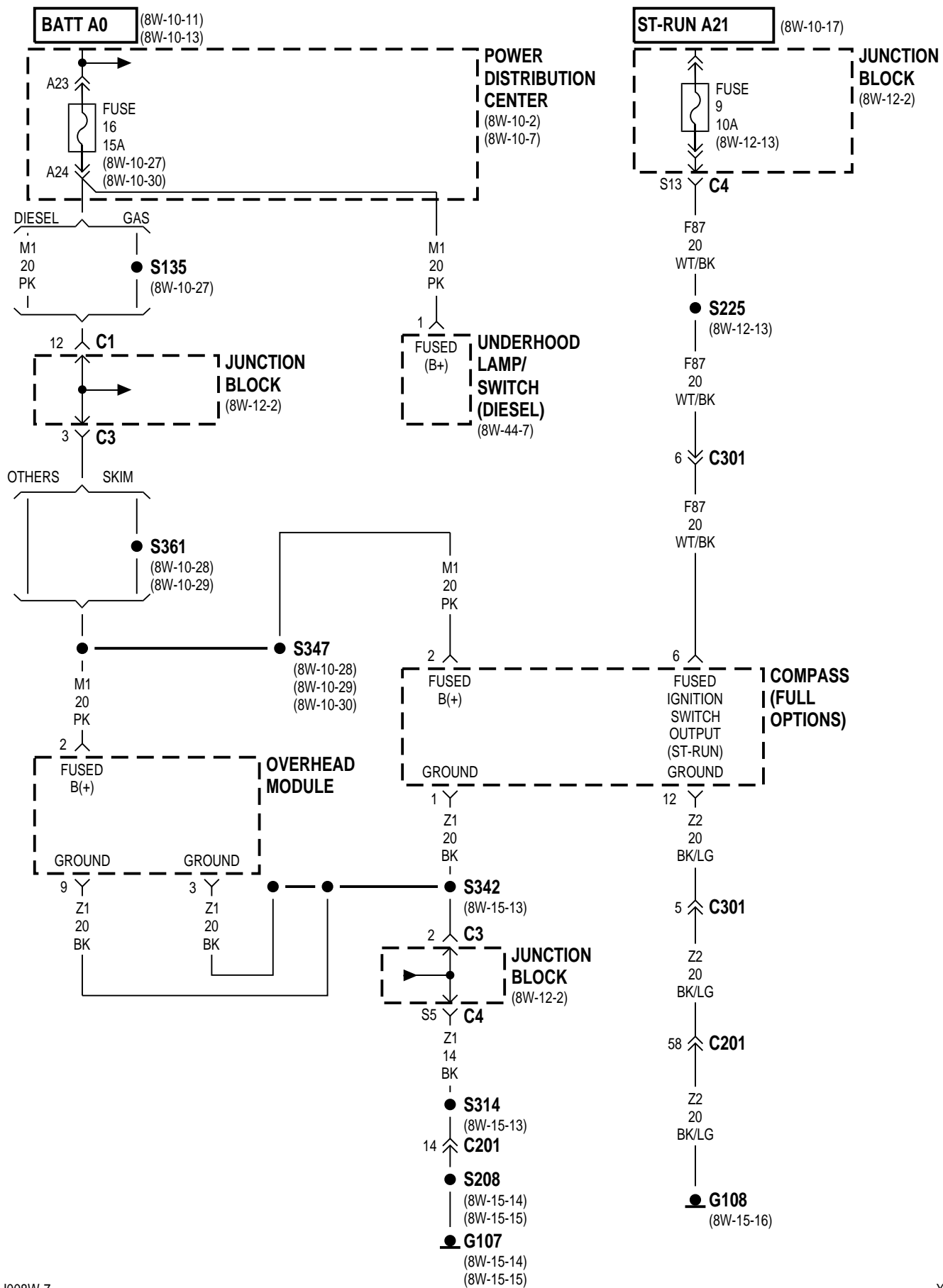




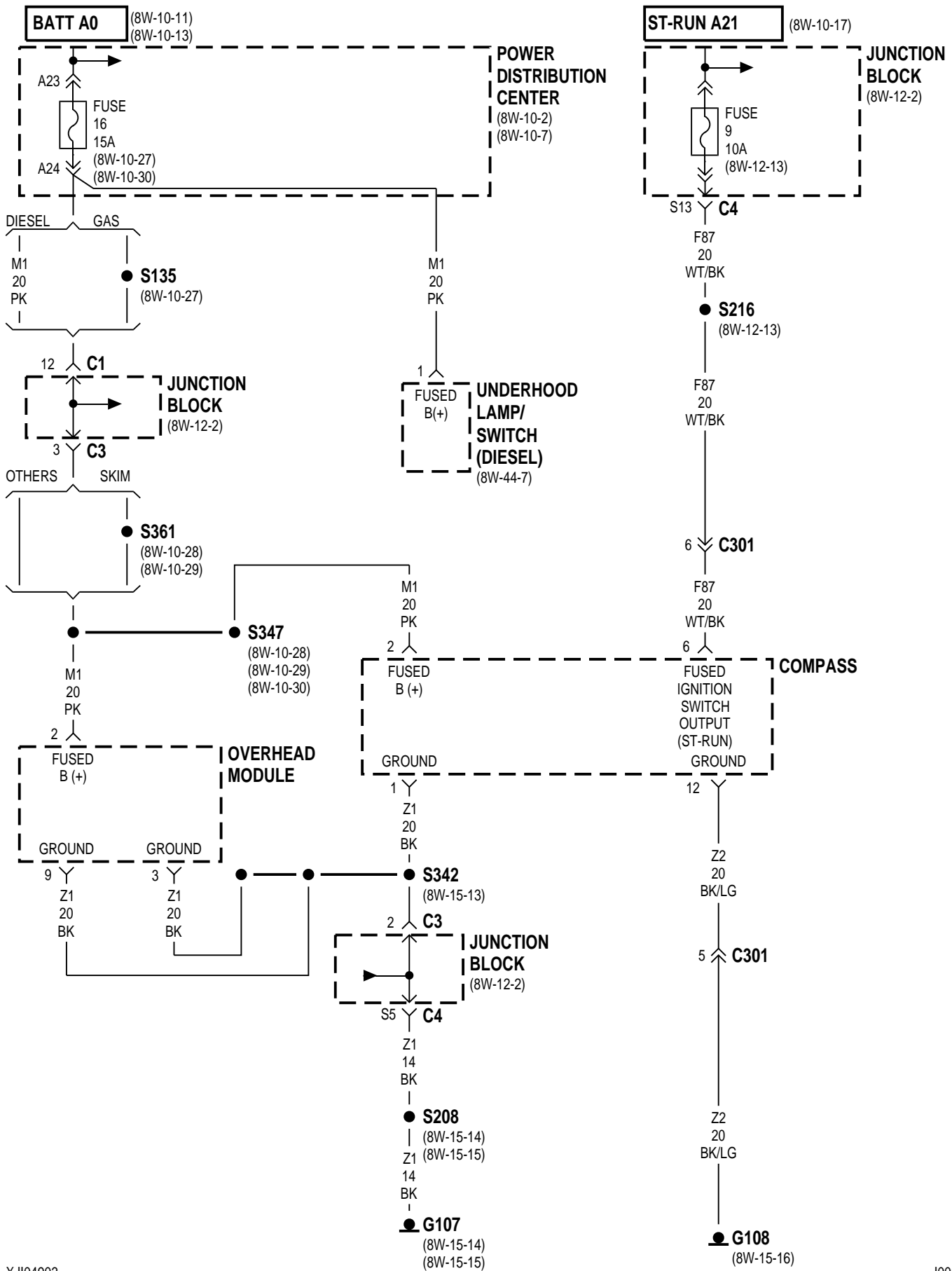
## 8W-49 OVERHEAD CONSOLE

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Ambient Temperature Sensor . . . . .	8W-49-4, 5	G108 . . . . .	8W-49-2, 3
Compass . . . . .	8W-49-2, 3, 4, 5, 6	Horn Relay . . . . .	8W-49-4, 5
Data Link Connector . . . . .	8W-49-6	Junction Block . . . . .	8W-49-2, 3, 4, 5
Driver Door Jamb Switch . . . . .	8W-49-4, 5	Overhead Module . . . . .	8W-49-2, 3, 4, 5, 6
Fuse 9 (JB) . . . . .	8W-49-2, 3	Passenger Power Lock/Window Switch . .	8W-49-4, 5
Fuse 16 (PDC) . . . . .	8W-49-2, 3	Power Distribution Center . . . . .	8W-49-2, 3
G107 . . . . .	8W-49-2, 3	Underhood Lamp/Switch . . . . .	8W-49-2, 3

**LHD**



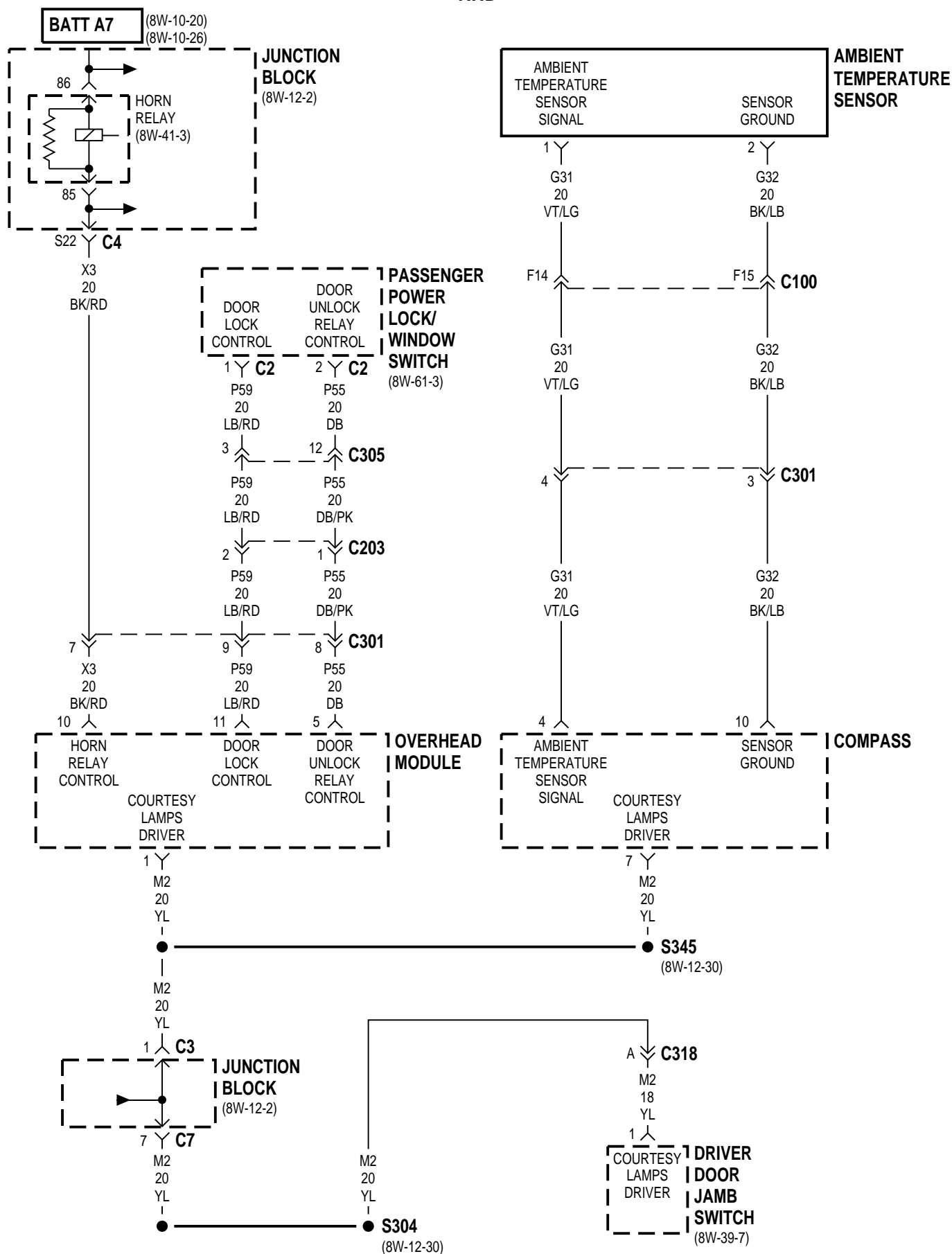


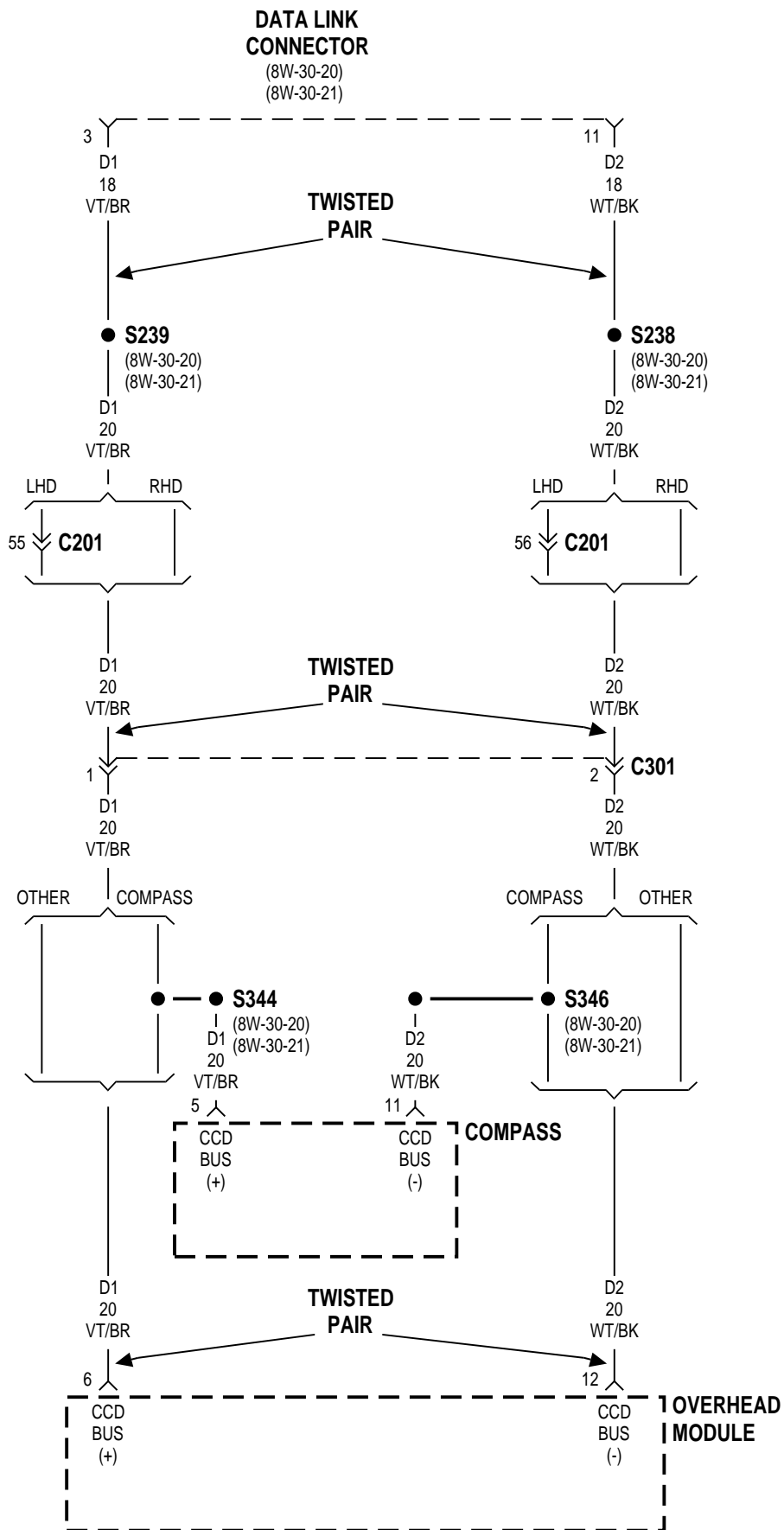


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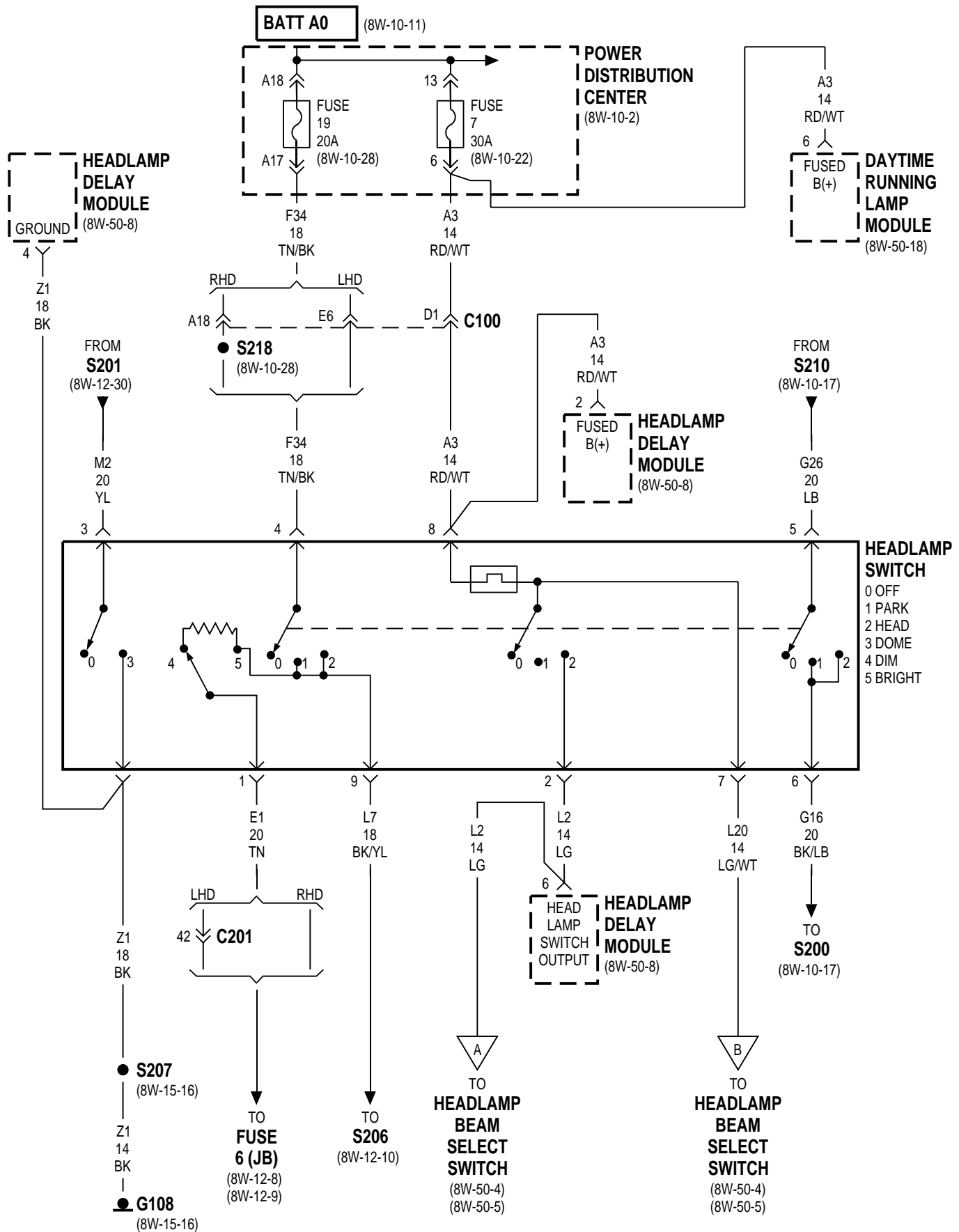
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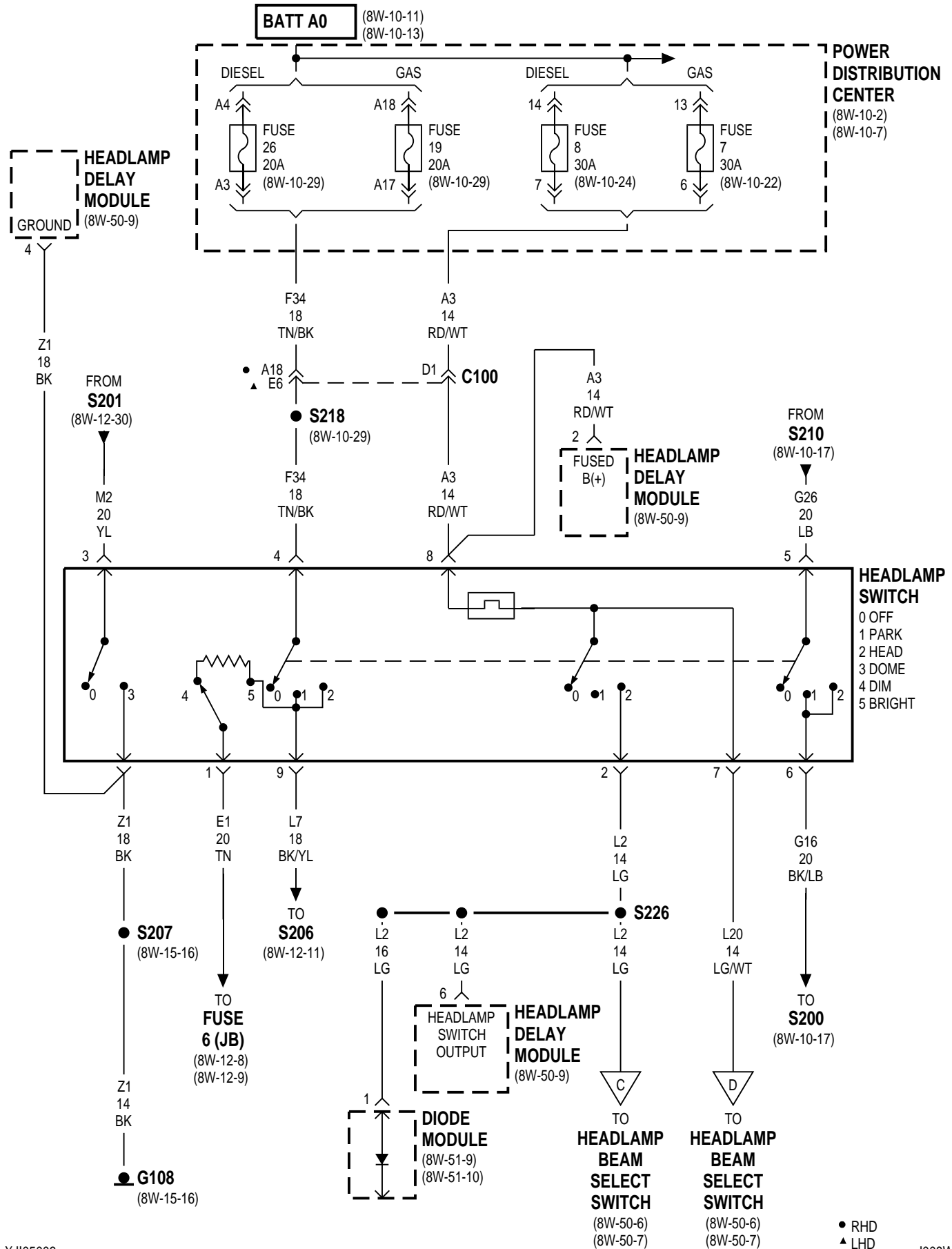


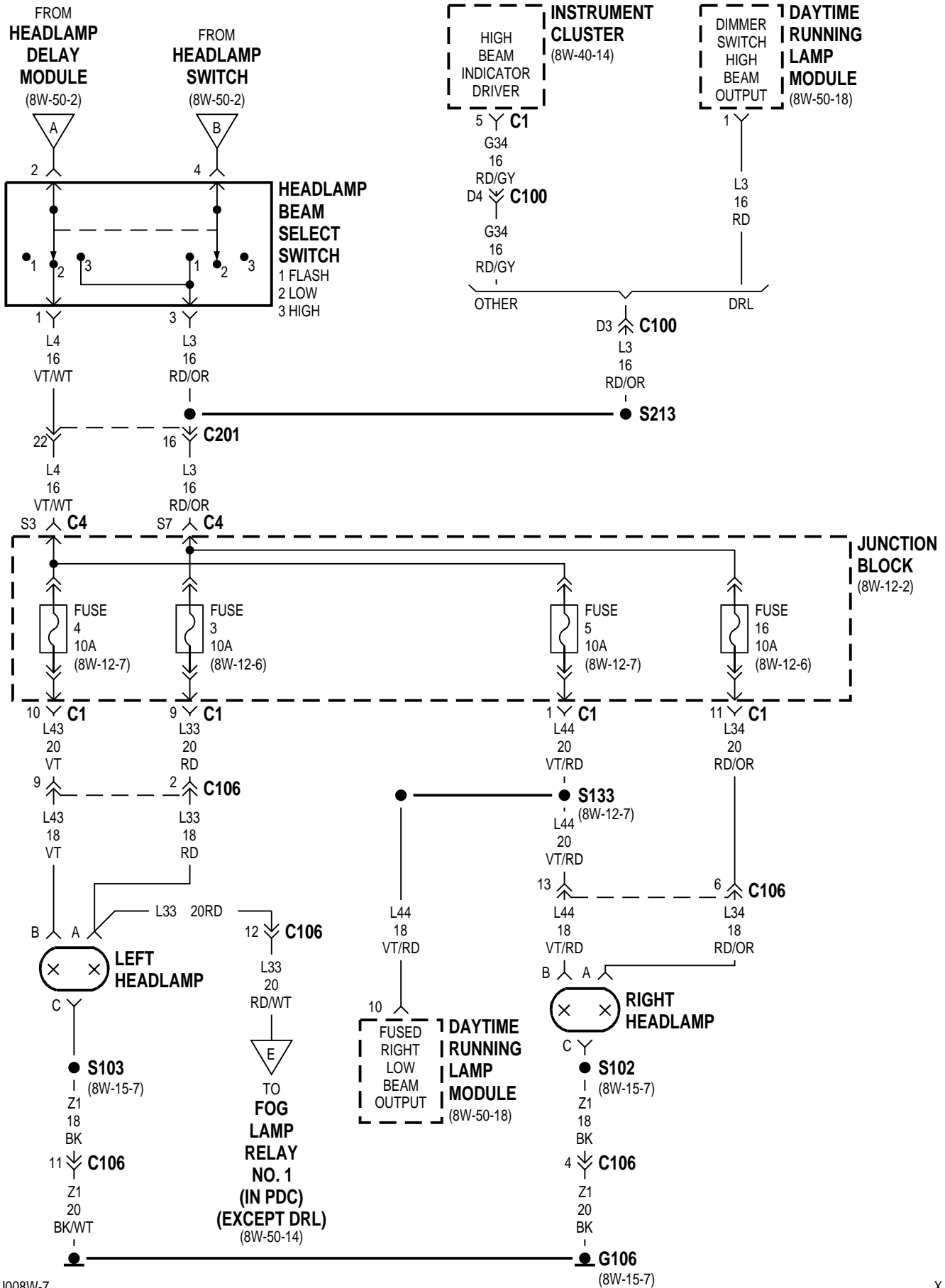


## 8W-50 FRONT LIGHTING

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Controller Anti-Lock Brake Relay . . . .	8W-50-14, 17	Instrument Cluster . . . . .	8W-50-4, 5, 6, 7, 16, 18
Daytime Running Lamp		Junction Block . . . . .	8W-50-4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19
Module . . . . .	8W-50-2, 4, 8, 16, 18	Left City Lamp . . . . .	8W-50-11, 14, 17
Diode Module . . . . .	8W-50-3, 15, 17	Left Fog Lamp . . . . .	8W-50-15, 16, 17
Engine Starter Motor Relay . . . . .	8W-50-14, 17	Left Front Park/Turn Signal Lamp No. 1 .	8W-50-10
Fog Lamp Relay . . . . .	8W-50-17	Left Front Park/Turn Signal Lamp No. 2 .	8W-50-10
Fog Lamp Relay No. 1 . . . . .	8W-50-10, 11, 14, 16, 18	Left Front Turn Signal Lamp No. 1 . . . . .	8W-50-11
Fog Lamp Relay No. 2 . . . . .	8W-50-15, 16	Left Front Turn Signal Lamp No. 2 . . . . .	8W-50-11
Front Fog Lamp Switch . . . . .	8W-50-15, 16, 17	Left Headlamp . . . . .	8W-50-4, 5, 6, 7, 19
Fuse 3 (JB) . . . . .	8W-50-4, 5, 6, 7, 18	Left Headlamp Leveling Motor . . . . .	8W-50-19
Fuse 4 (JB) . . . . .	8W-50-4, 5, 6, 7, 19	Left Repeater Lamp . . . . .	8W-50-11
Fuse 5 (JB) . . . . .	8W-50-4, 5, 6, 7, 19	Left Side Marker Lamp . . . . .	8W-50-10
Fuse 6 (JB) . . . . .	8W-50-2, 3	Power Distribution	
Fuse 7 (JB) . . . . .	8W-50-10, 11, 14, 16, 17	Center . . . . .	8W-50-2, 3, 8, 9, 14, 15, 16, 17, 18
Fuse 7 (PDC) . . . . .	8W-50-2, 3, 8, 9, 18	Right City Lamp . . . . .	8W-50-13
Fuse 8 (PDC) . . . . .	8W-50-3, 9	Right Fog Lamp . . . . .	8W-50-15, 16, 17
Fuse 9 (JB) . . . . .	8W-50-8, 9	Right Front Park/Turn Signal	
Fuse 10 (JB) . . . . .	8W-50-18	Lamp No. 1 . . . . .	8W-50-12
Fuse 16 (JB) . . . . .	8W-50-4, 5, 6, 7, 18	Right Front Park/Turn Signal	
Fuse 19 (PDC) . . . . .	8W-50-2, 3	Lamp No. 2 . . . . .	8W-50-12
Fuse 23 (JB) . . . . .	8W-50-12, 13	Right Front Turn Signal Lamp No. 1 . . . .	8W-50-13
Fuse 26 (PDC) . . . . .	8W-50-3	Right Front Turn Signal Lamp No. 2 . . . .	8W-50-13
G106 . . . . .	8W-50-4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	Right Headlamp . . . . .	8W-50-4, 5, 6, 7, 18, 19
G107 . . . . .	8W-50-15, 16, 17, 19	Right Headlamp Leveling Motor . . . . .	8W-50-19
G108 . . . . .	8W-50-2, 3, 8, 9	Right Repeater Lamp . . . . .	8W-50-13
Headlamp Beam Select		Right Side Marker Lamp . . . . .	8W-50-12
Switch . . . . .	8W-50-4, 5, 6, 7, 8, 9, 19	Turn Signal/Hazard Switch . . . .	8W-50-10, 11, 12, 13
Headlamp Delay Module . . . . .	8W-50-2, 3, 8, 9	Vehicle Speed Sensor . . . . .	8W-50-18
Headlamp Leveling Switch . . . . .	8W-50-6, 7, 19		
Headlamp Switch . . . . .	8W-50-2, 3, 8, 9, 10, 11, 12, 13, 14, 16, 17		



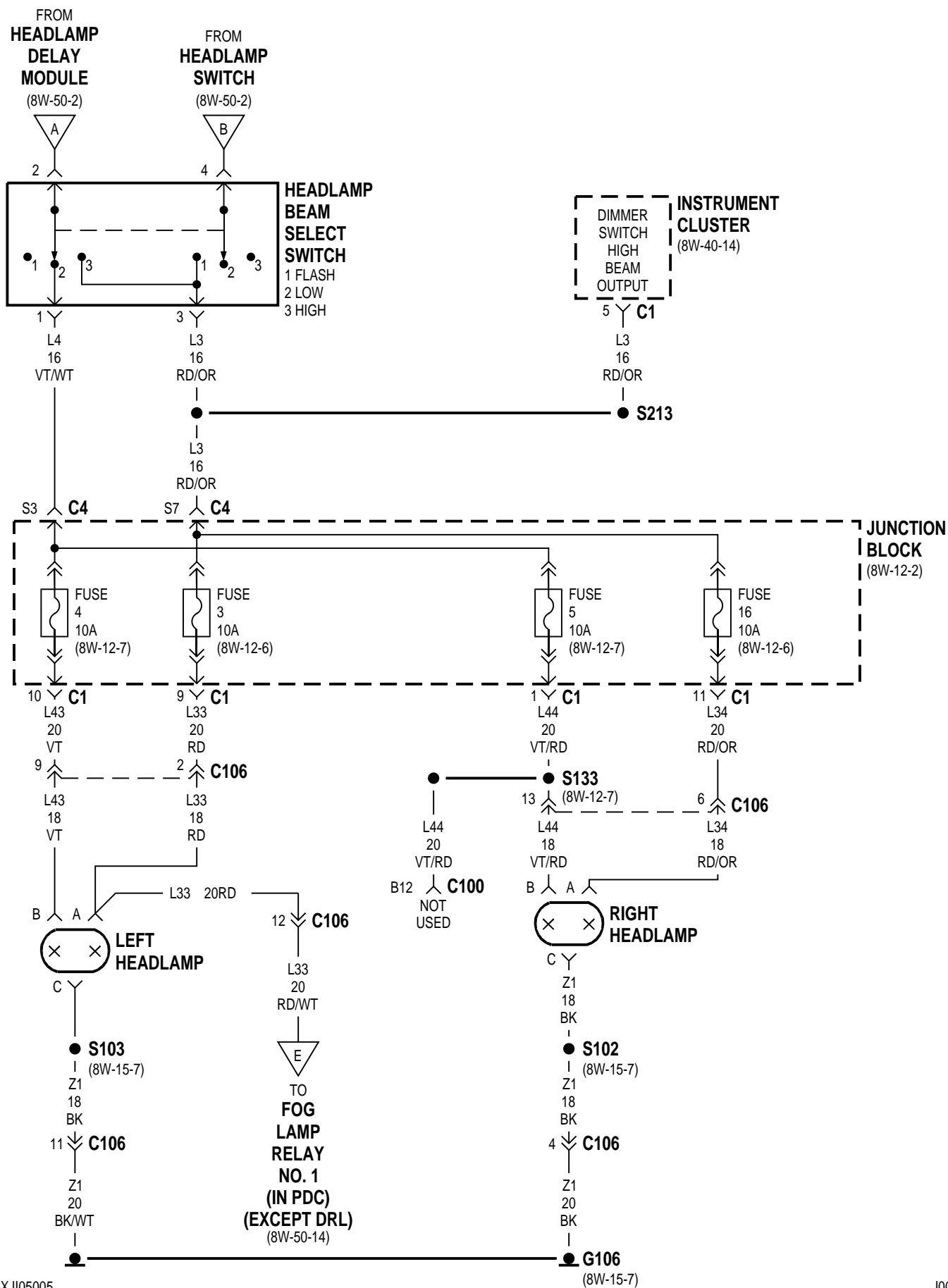


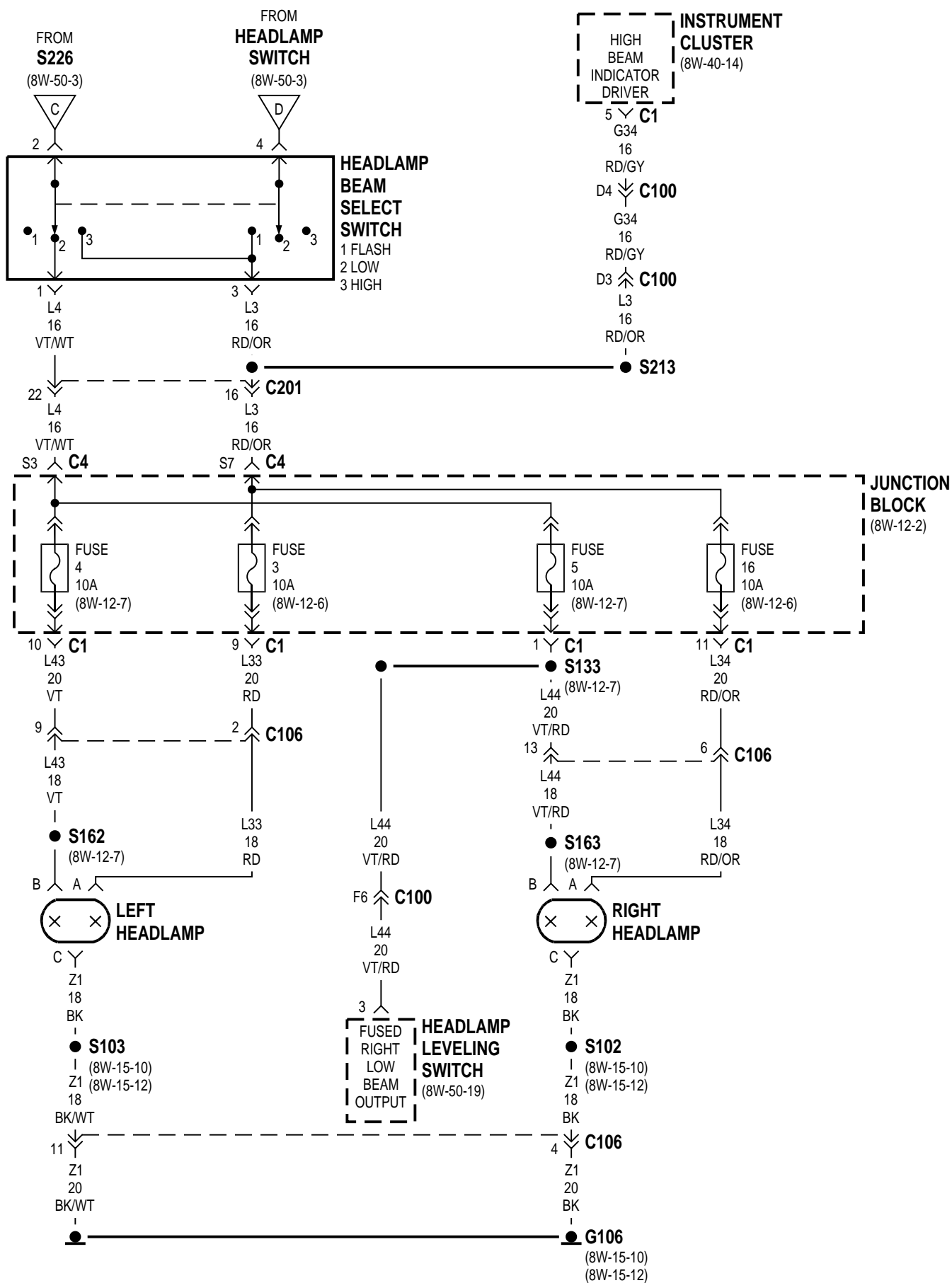




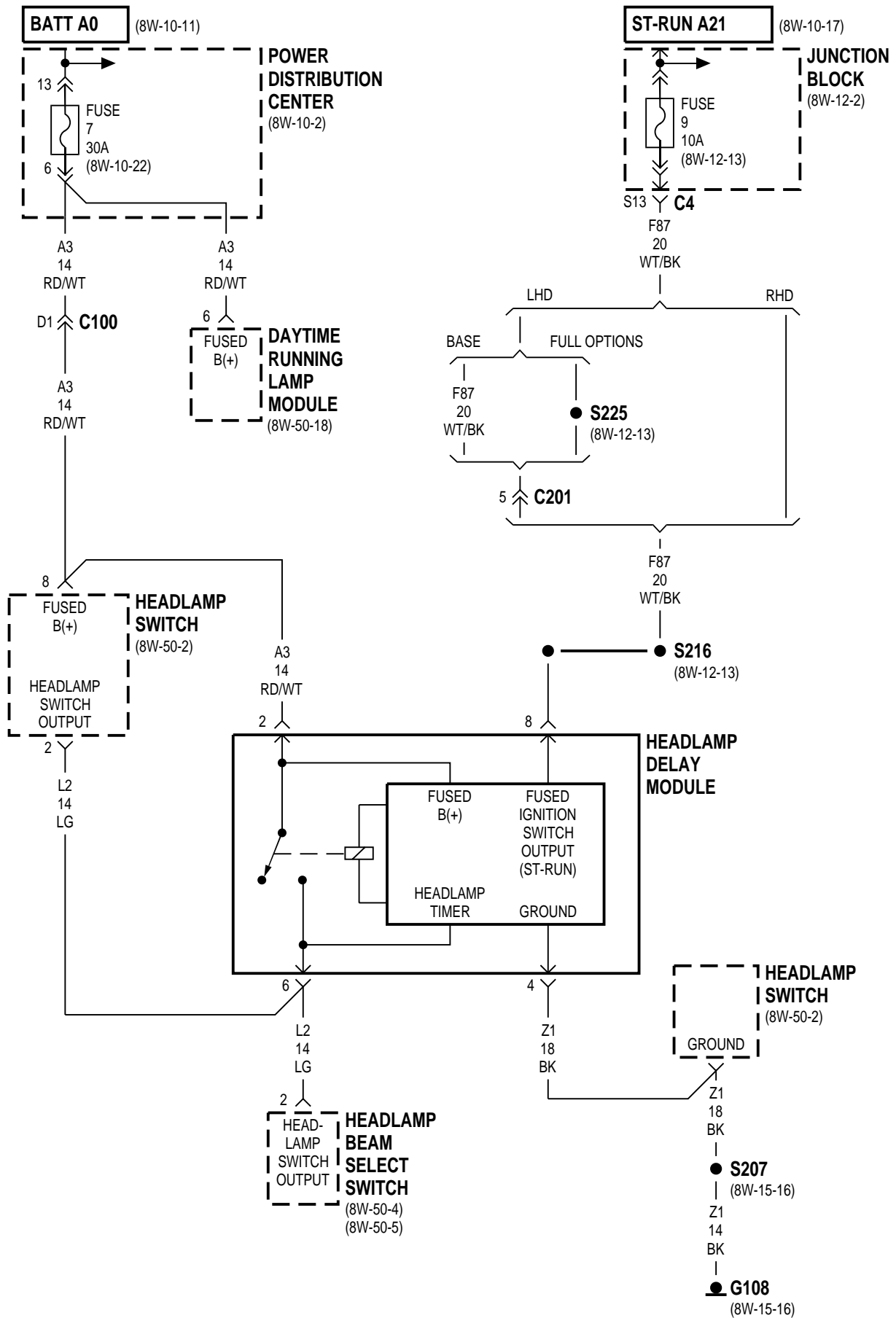
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**8W-50 FRONT LIGHTING**
**8W - 50 - 5**

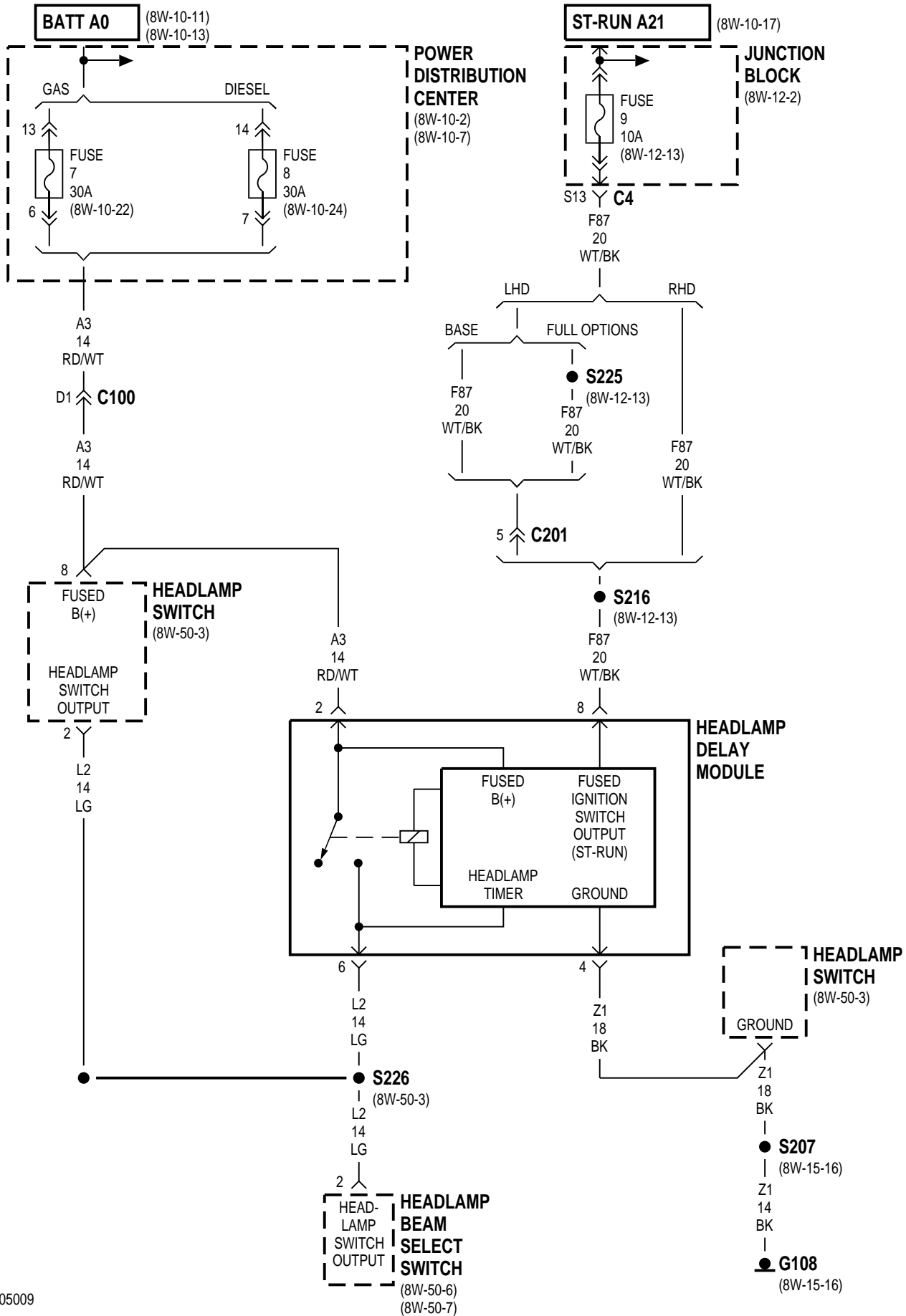
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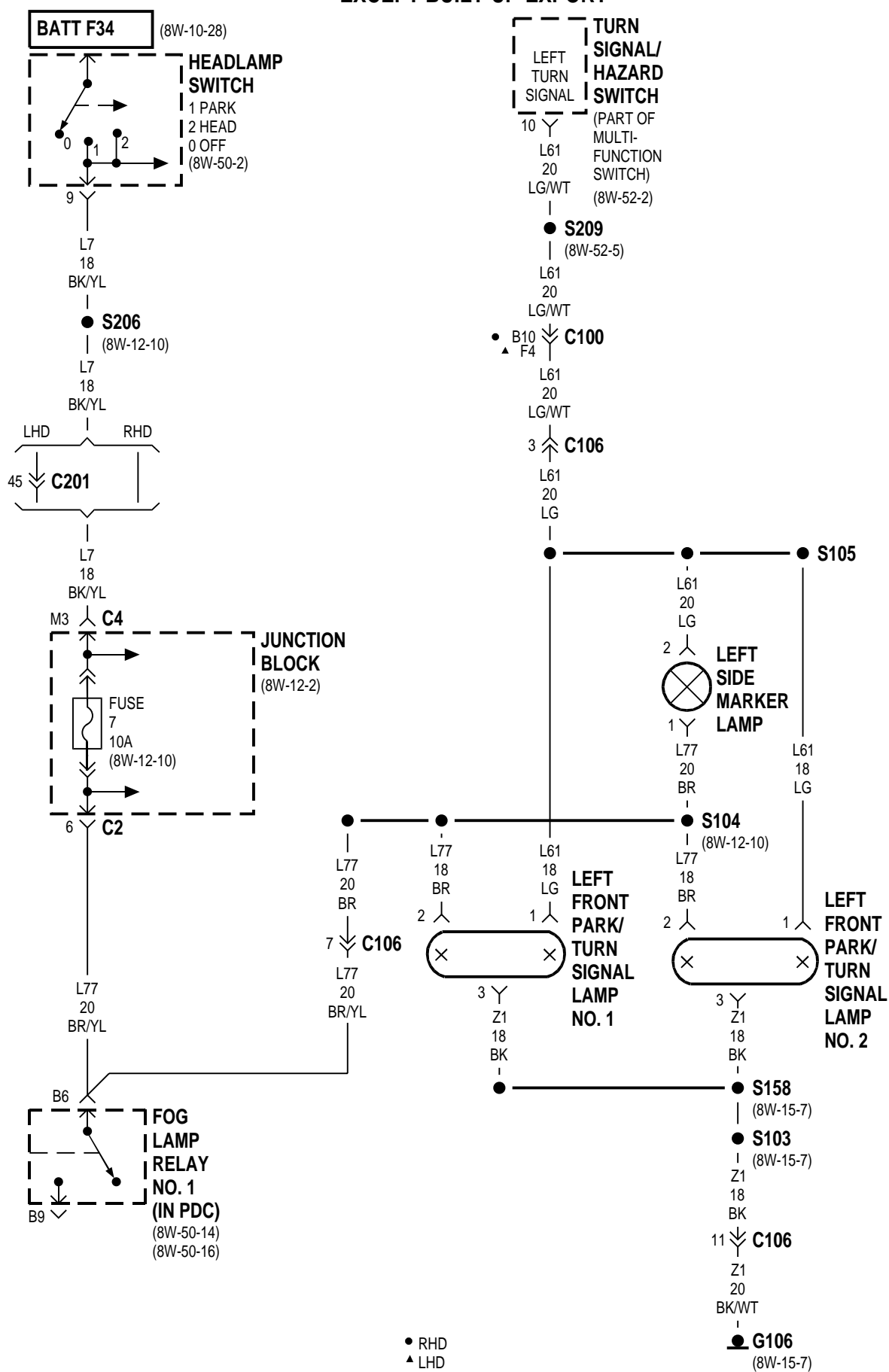


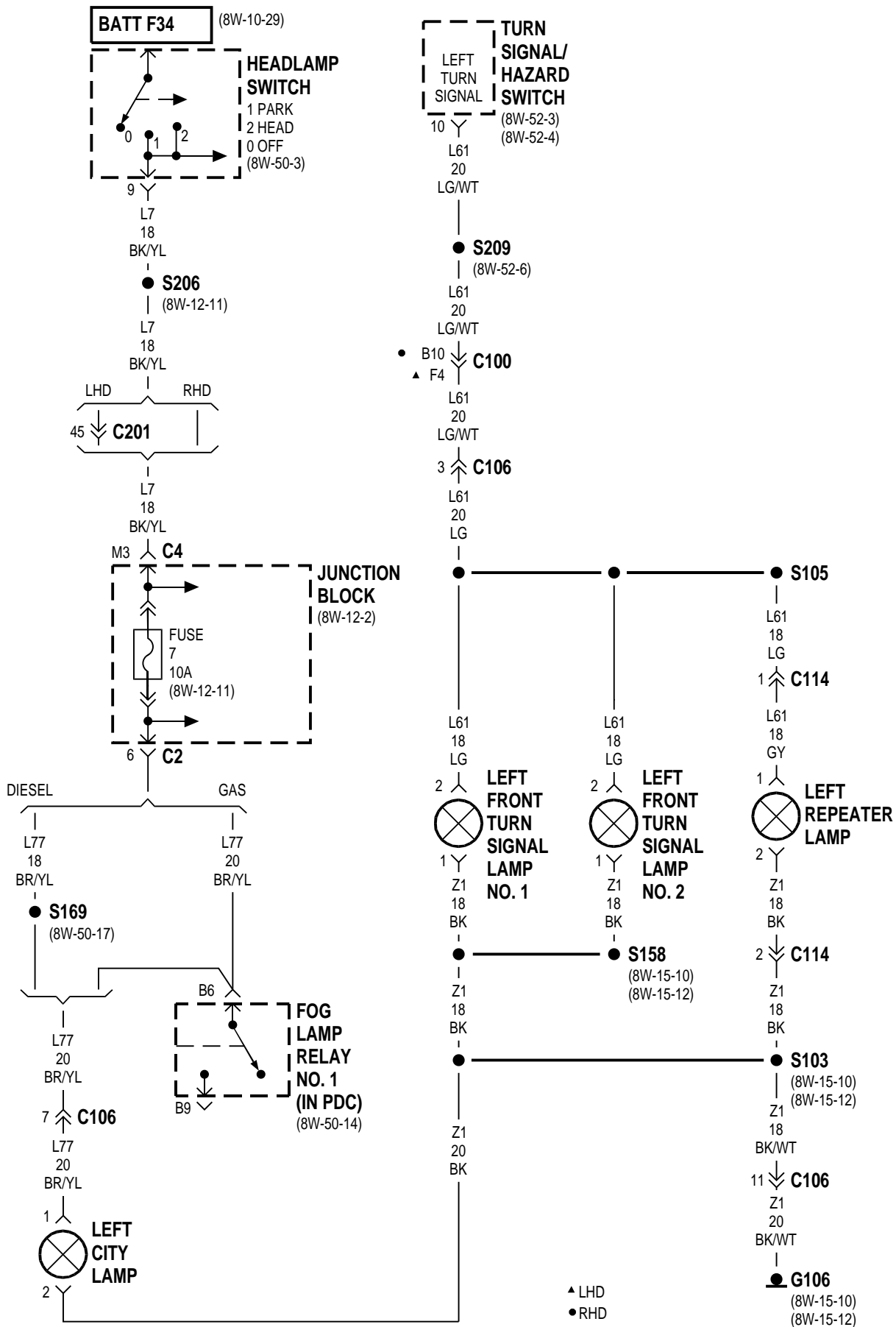


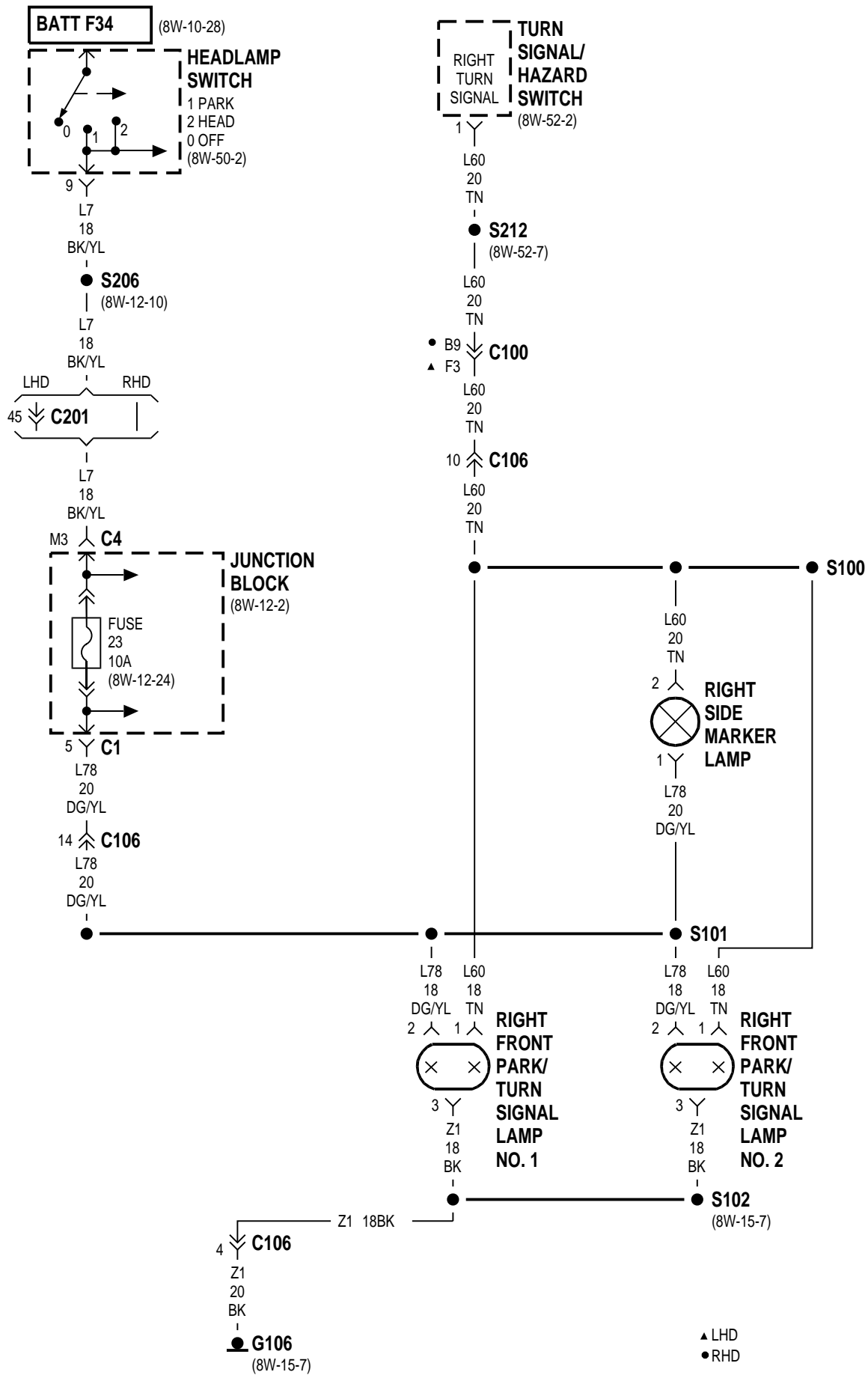




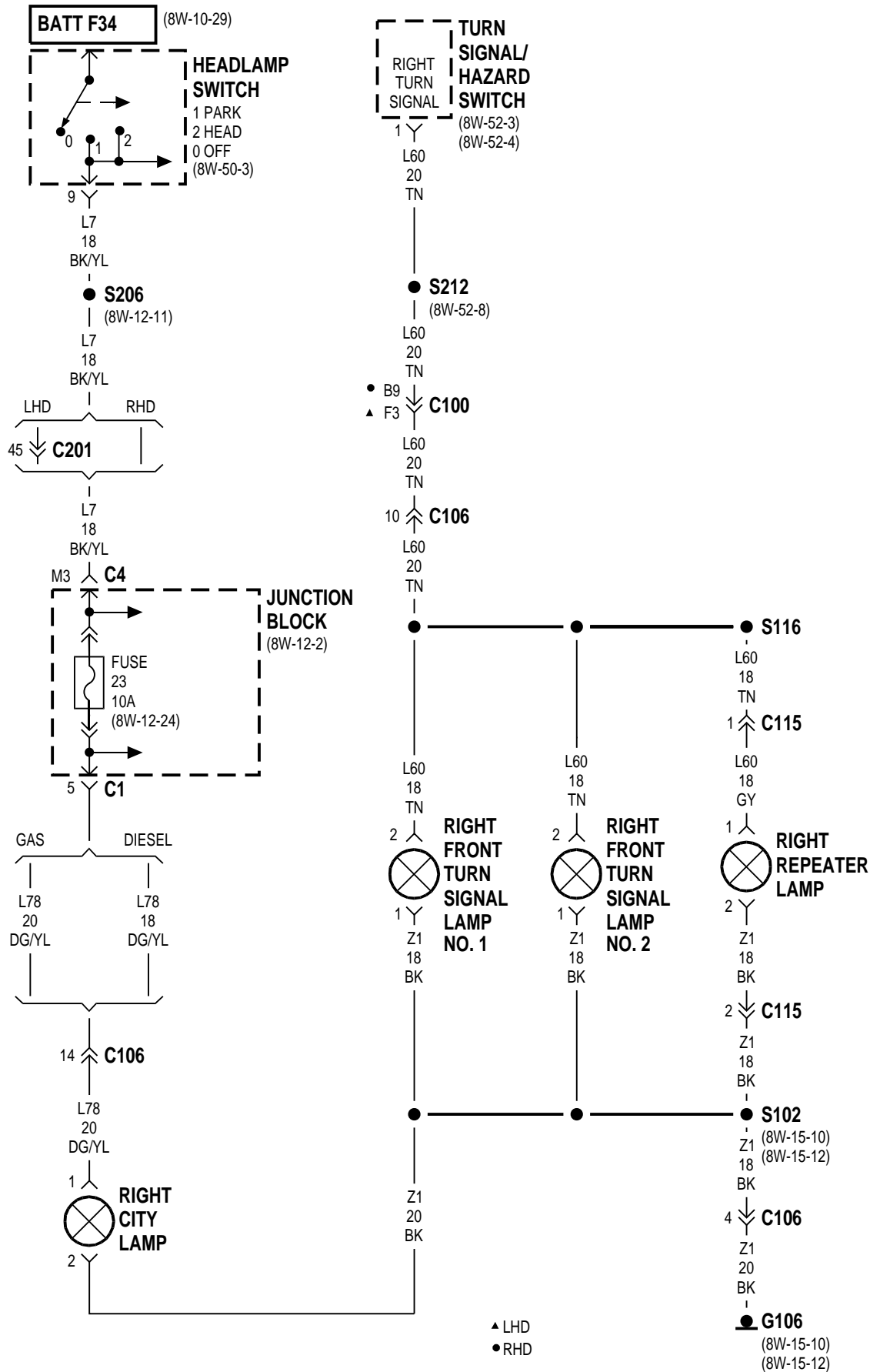


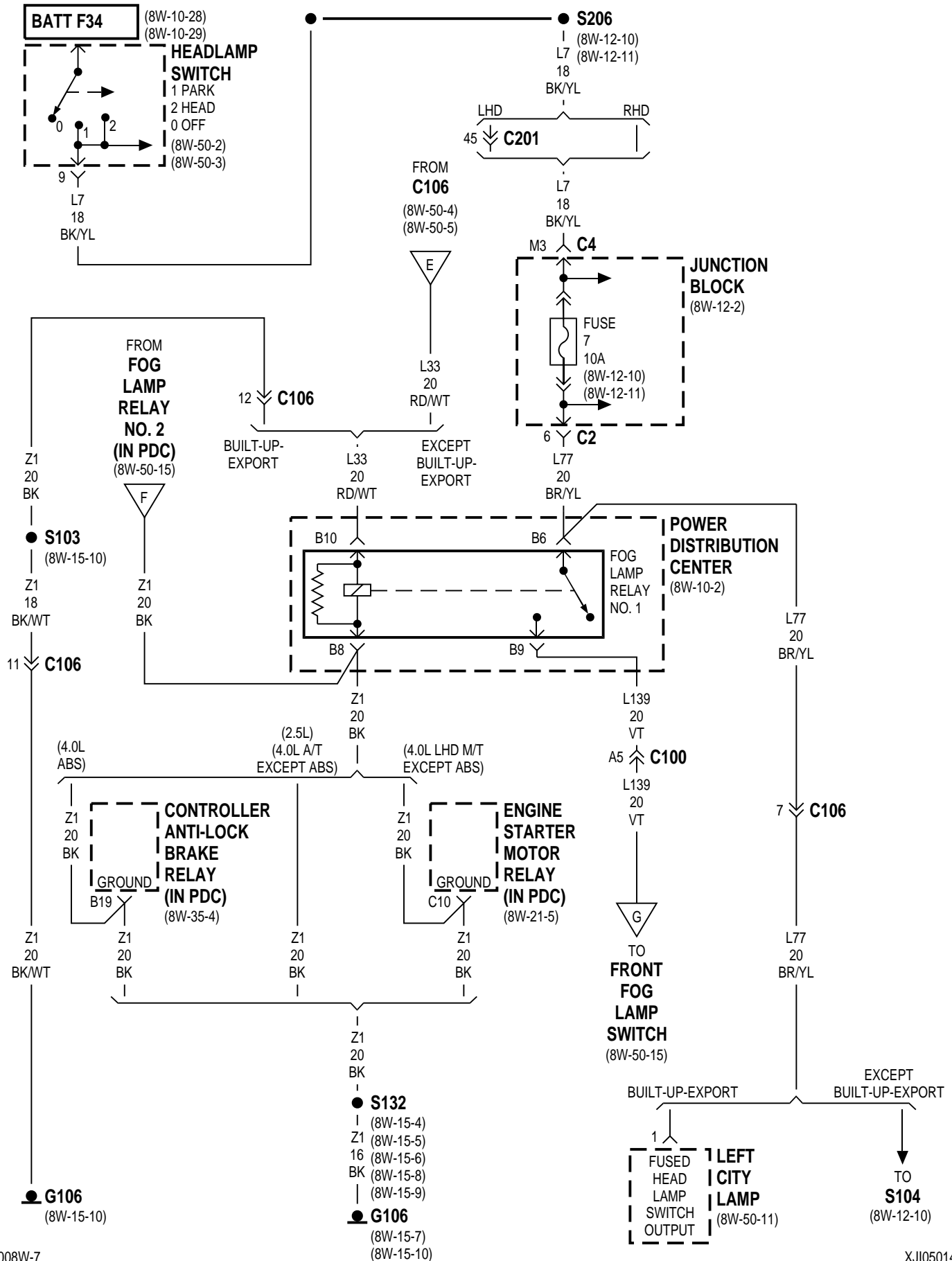






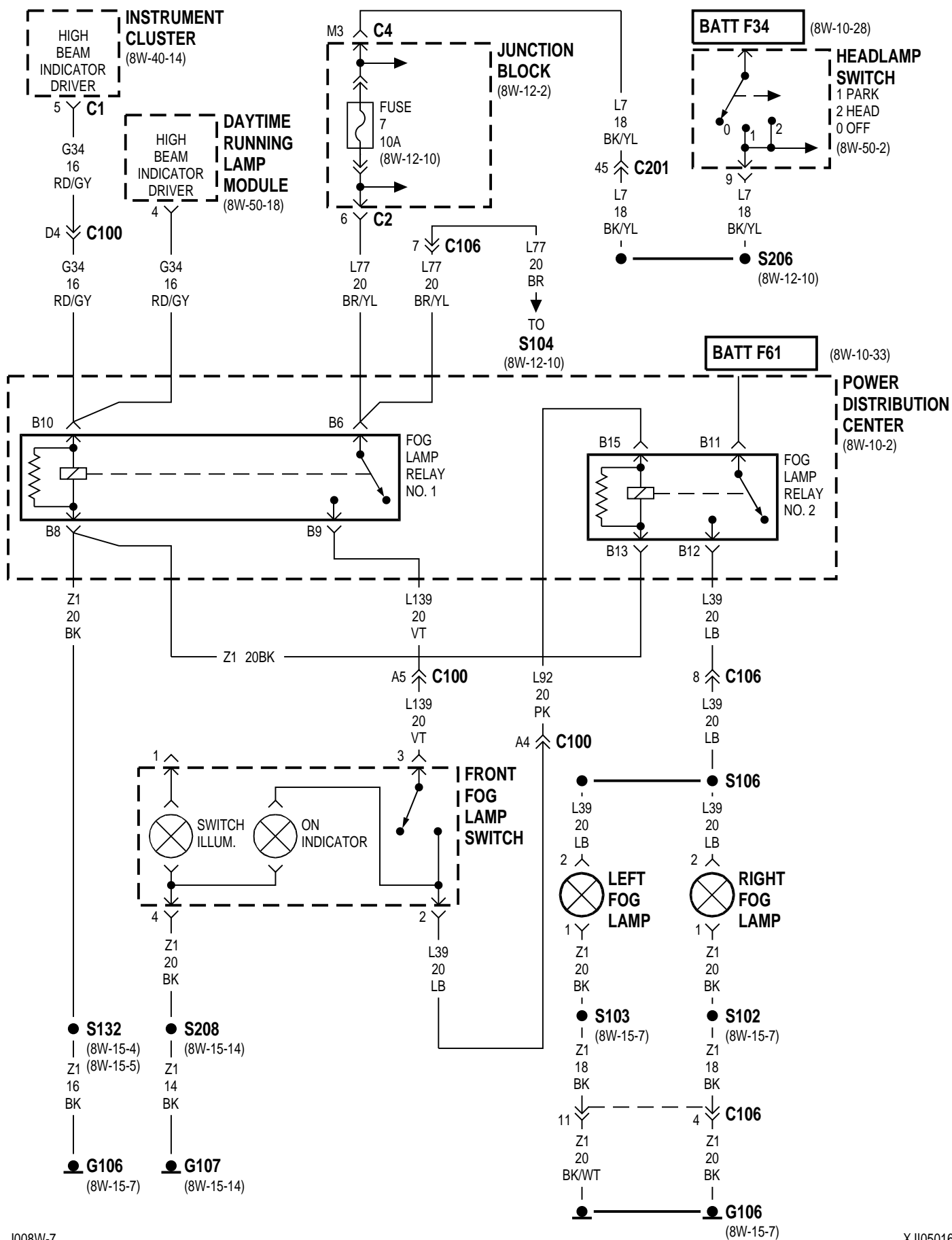


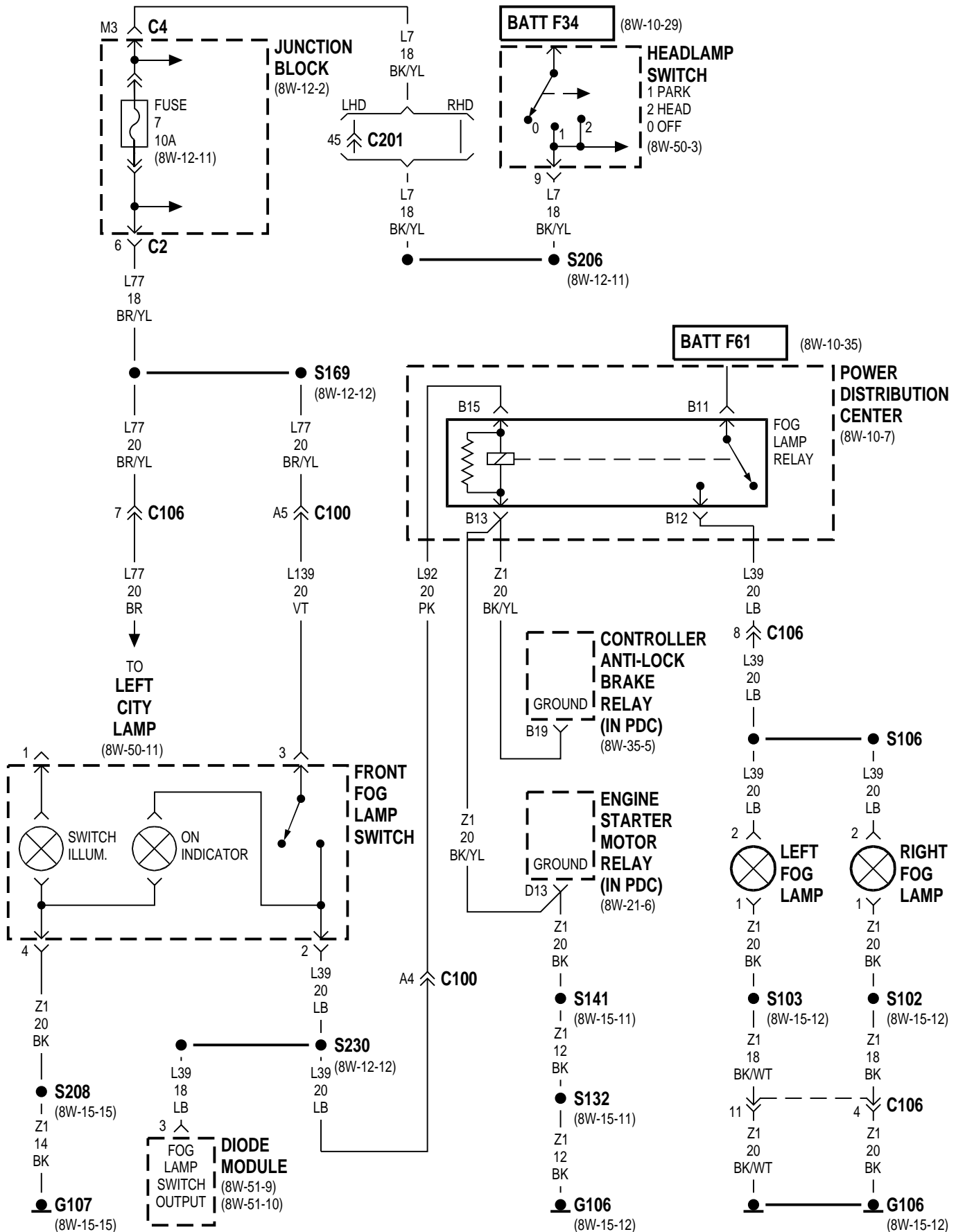




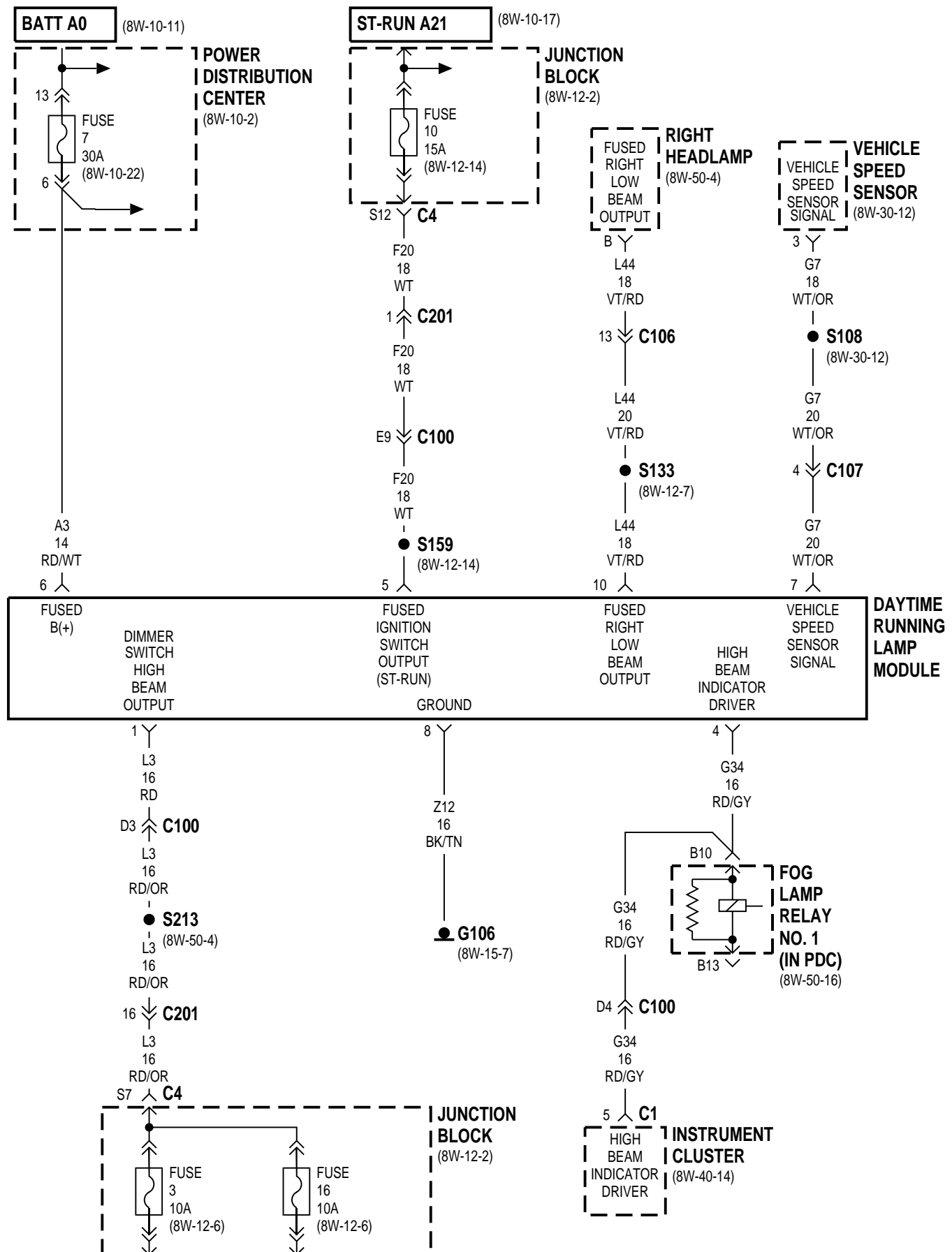


## DRL





## DRL



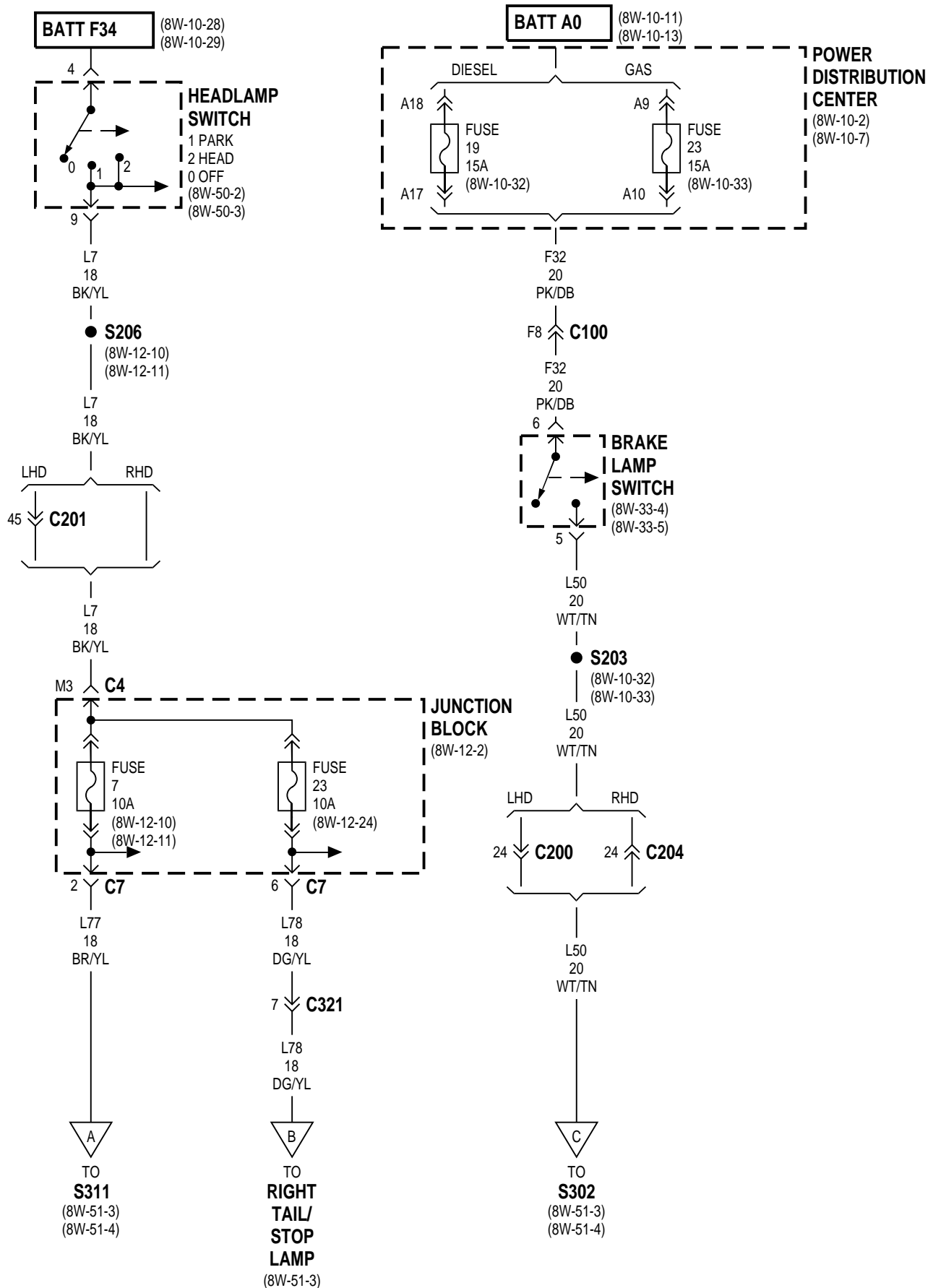


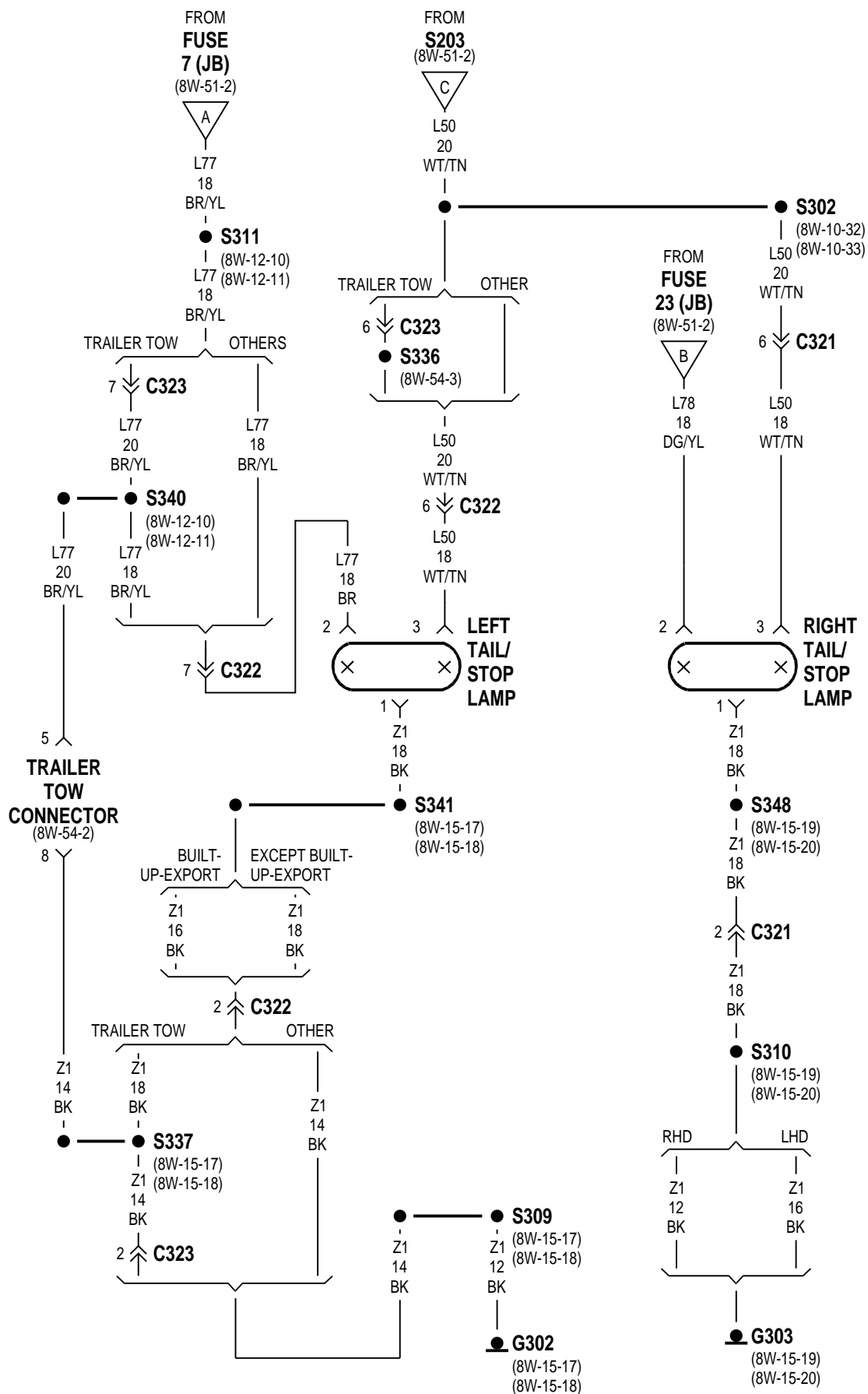


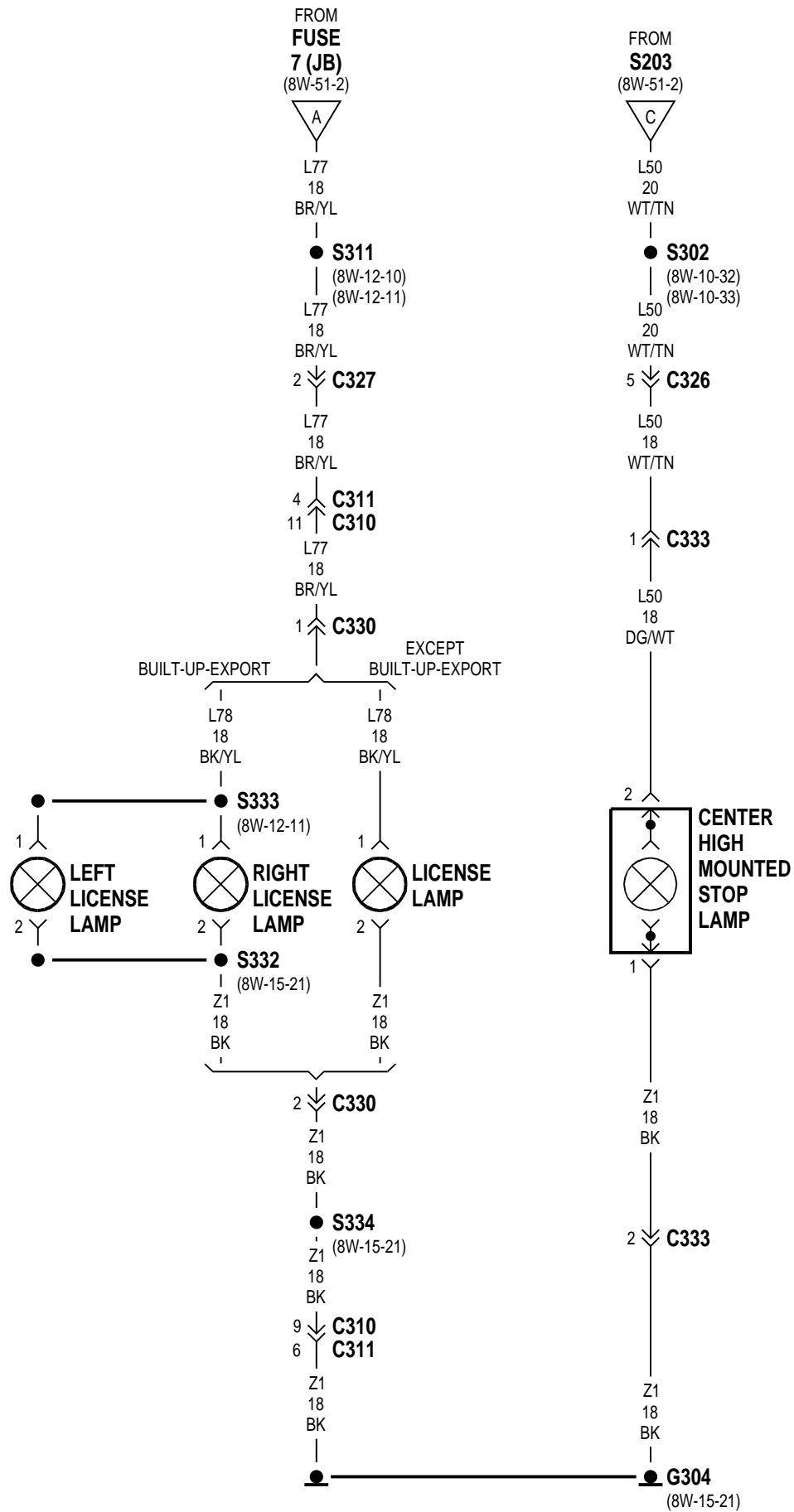


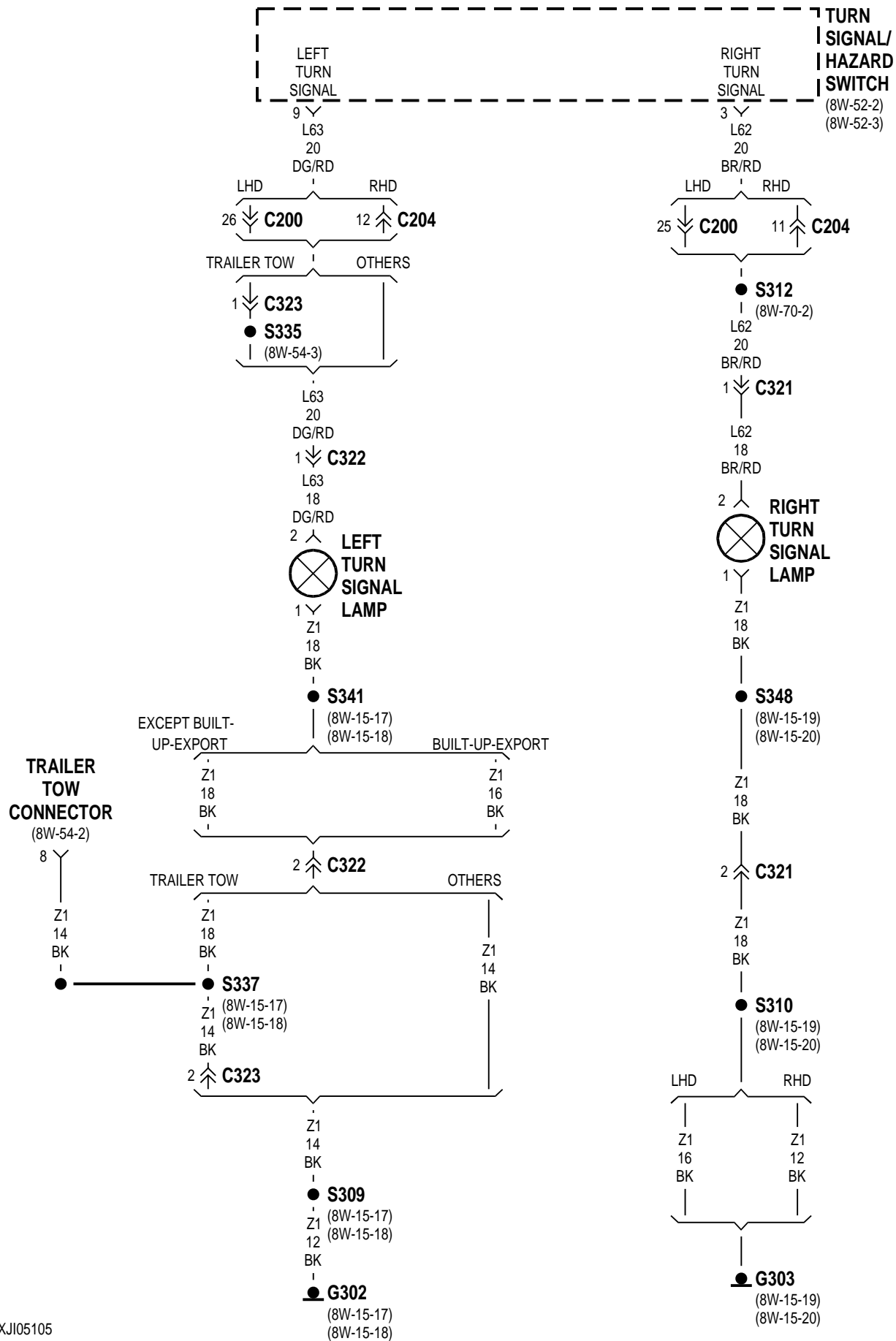
## 8W-51 REAR LIGHTING

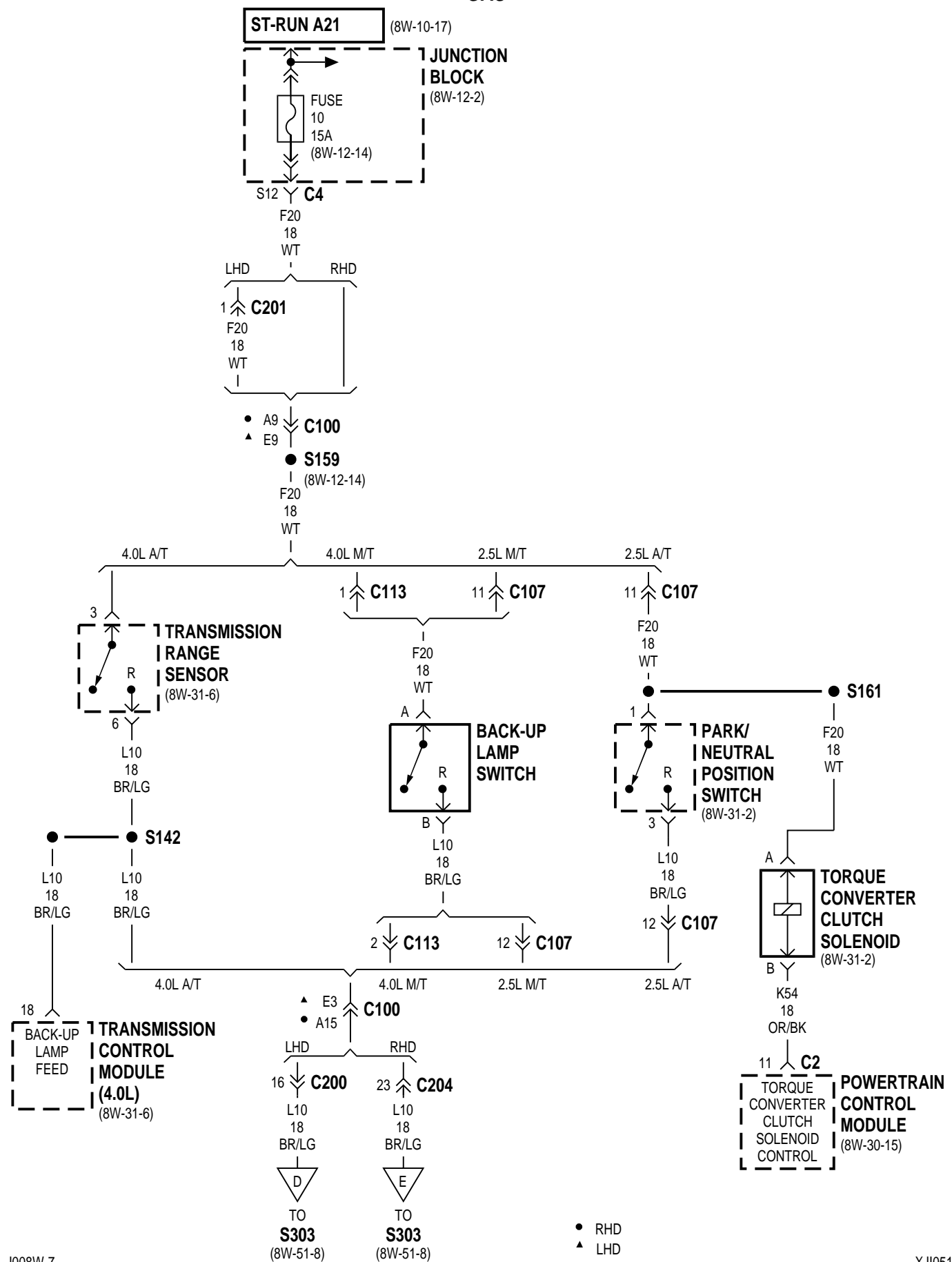
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Back-Up Lamp Switch . . . . .	8W-51-6, 7	Left Rear Fog Lamp . . . . .	8W-51-11, 12
Brake Lamp Switch . . . . .	8W-51-2	Left Tail/Stop Lamp . . . . .	8W-51-3
Center High Mounted Stop Lamp . . . . .	8W-51-4	Left Turn Signal Lamp . . . . .	8W-51-5
Diode Module . . . . .	8W-51-9, 10	License Lamp . . . . .	8W-51-4
Driver Power Lock/Window Switch . . . . .	8W-51-9, 10	Park/Neutral Position Switch . . . . .	8W-51-6
Fog Lamp Relay . . . . .	8W-51-9, 10	Power Distribution Center . . . . .	8W-51-2
Fog Lamp Relay No. 2 . . . . .	8W-51-9, 10	Powertrain Control Module . . . . .	8W-51-6
Front Fog Lamp Switch . . . . .	8W-51-9, 10	Rear Fog Lamp Indicator . . . . .	8W-51-11, 12
Fuse 7 (JB) . . . . .	8W-51-2	Rear Fog Lamp Relay . . . . .	8W-51-9, 10
Fuse 10 (JB) . . . . .	8W-51-6, 7	Rear Fog Lamp Switch . . . . .	8W-51-11, 12
Fuse 18 (JB) . . . . .	8W-51-9, 10	Right Back-Up Lamp . . . . .	8W-51-8
Fuse 19 (PDC) . . . . .	8W-51-2	Right License Lamp . . . . .	8W-51-4
Fuse 23 (JB) . . . . .	8W-51-2	Right Rear Fog Lamp . . . . .	8W-51-11, 12
Fuse 23 (PDC) . . . . .	8W-51-2	Right Tail/Stop Lamp . . . . .	8W-51-3
G107 . . . . .	8W-51-9, 10, 11, 12	Right Turn Signal Lamp . . . . .	8W-51-5
G302 . . . . .	8W-51-3, 5, 8, 11, 12	Switch Illumination . . . . .	8W-51-11, 12
G303 . . . . .	8W-51-3, 5, 8, 11, 12	Torque Converter Clutch Solenoid . . . . .	8W-51-6
G304 . . . . .	8W-51-4	Trailer Tow Connector . . . . .	8W-51-3, 5, 8
Headlamp Switch . . . . .	8W-51-2, 9, 10	Transmission Control Module . . . . .	8W-51-6
Junction Block . . . . .	8W-51-2, 6, 7, 9, 10	Transmission Range Sensor . . . . .	8W-51-6
Left Back-Up Lamp . . . . .	8W-51-8	Turn Signal/Hazard Switch . . . . .	8W-51-5
Left License Lamp . . . . .	8W-51-4		

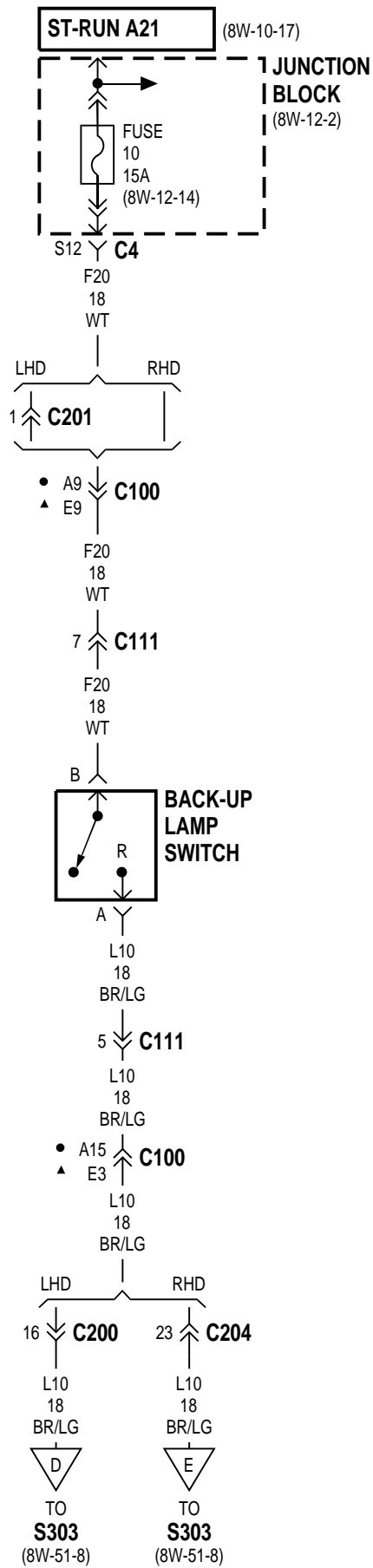


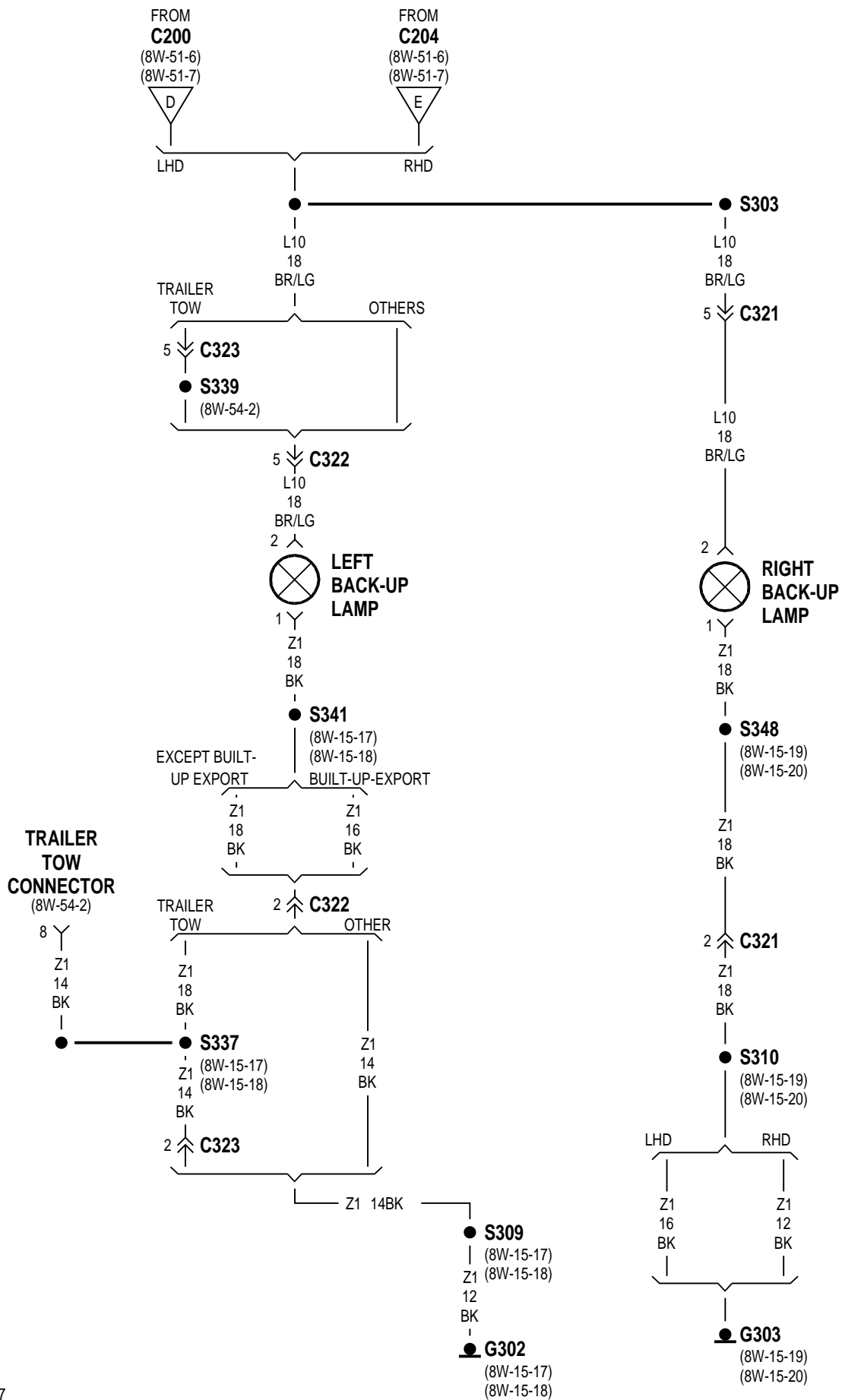




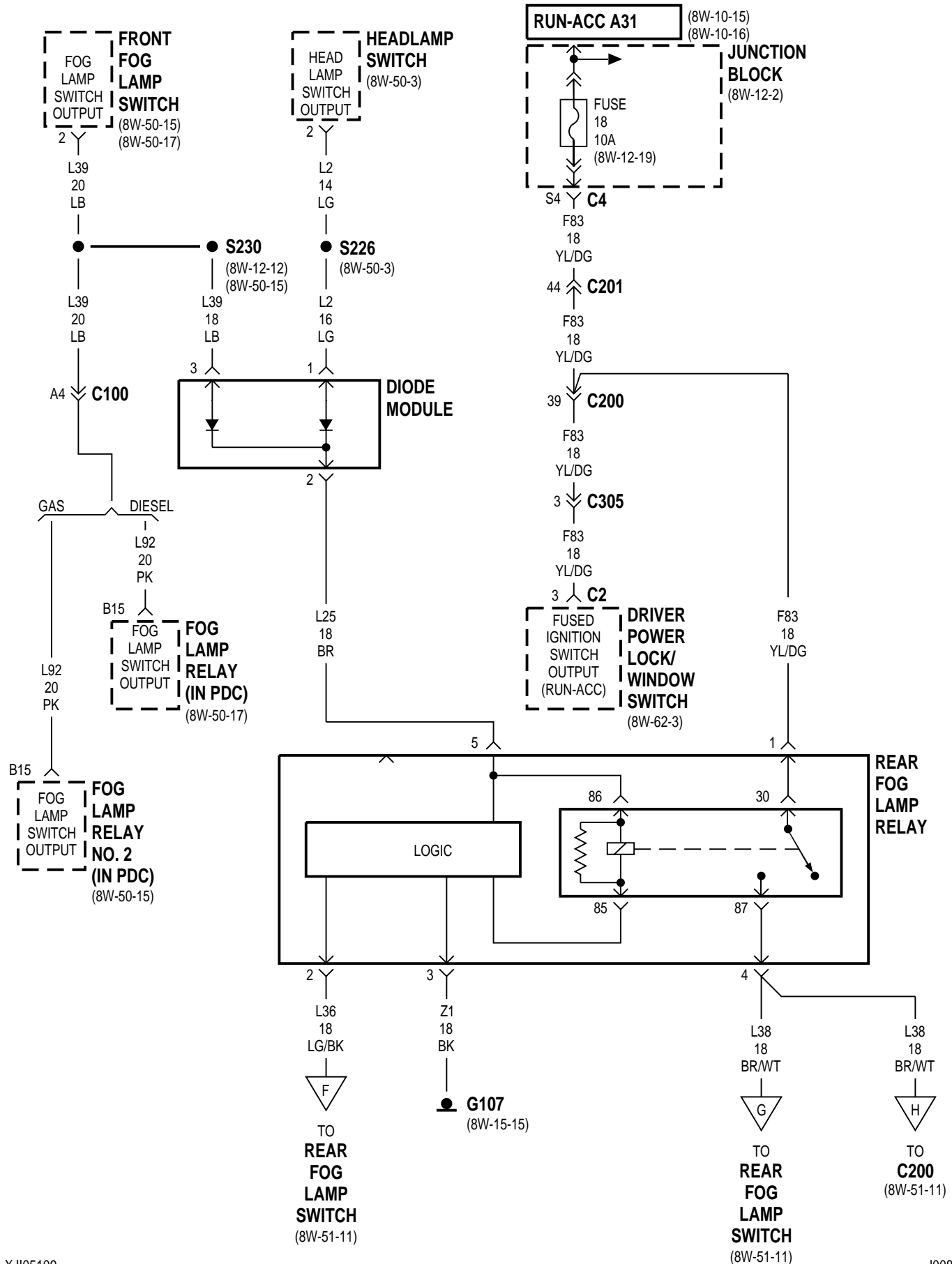


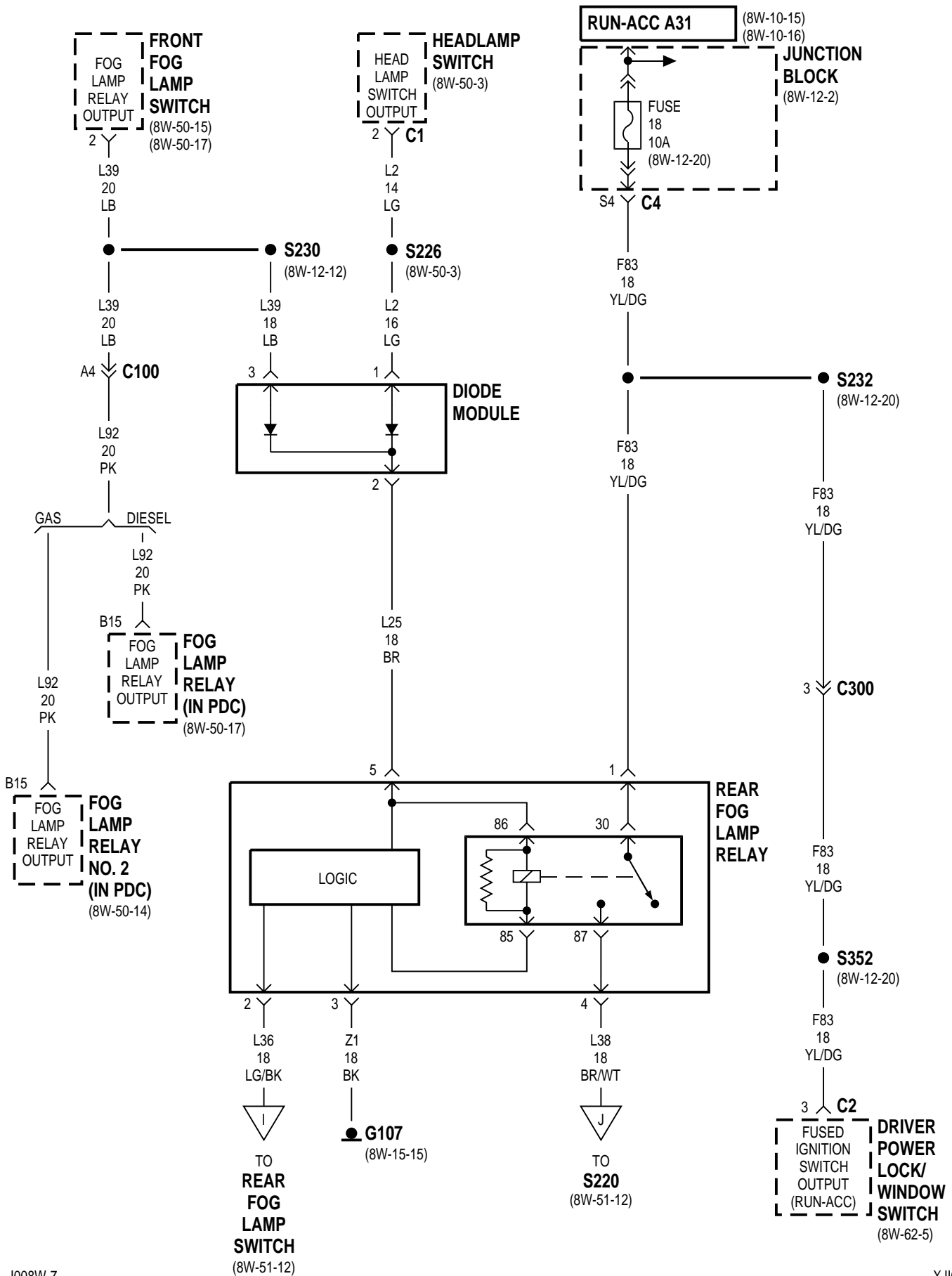


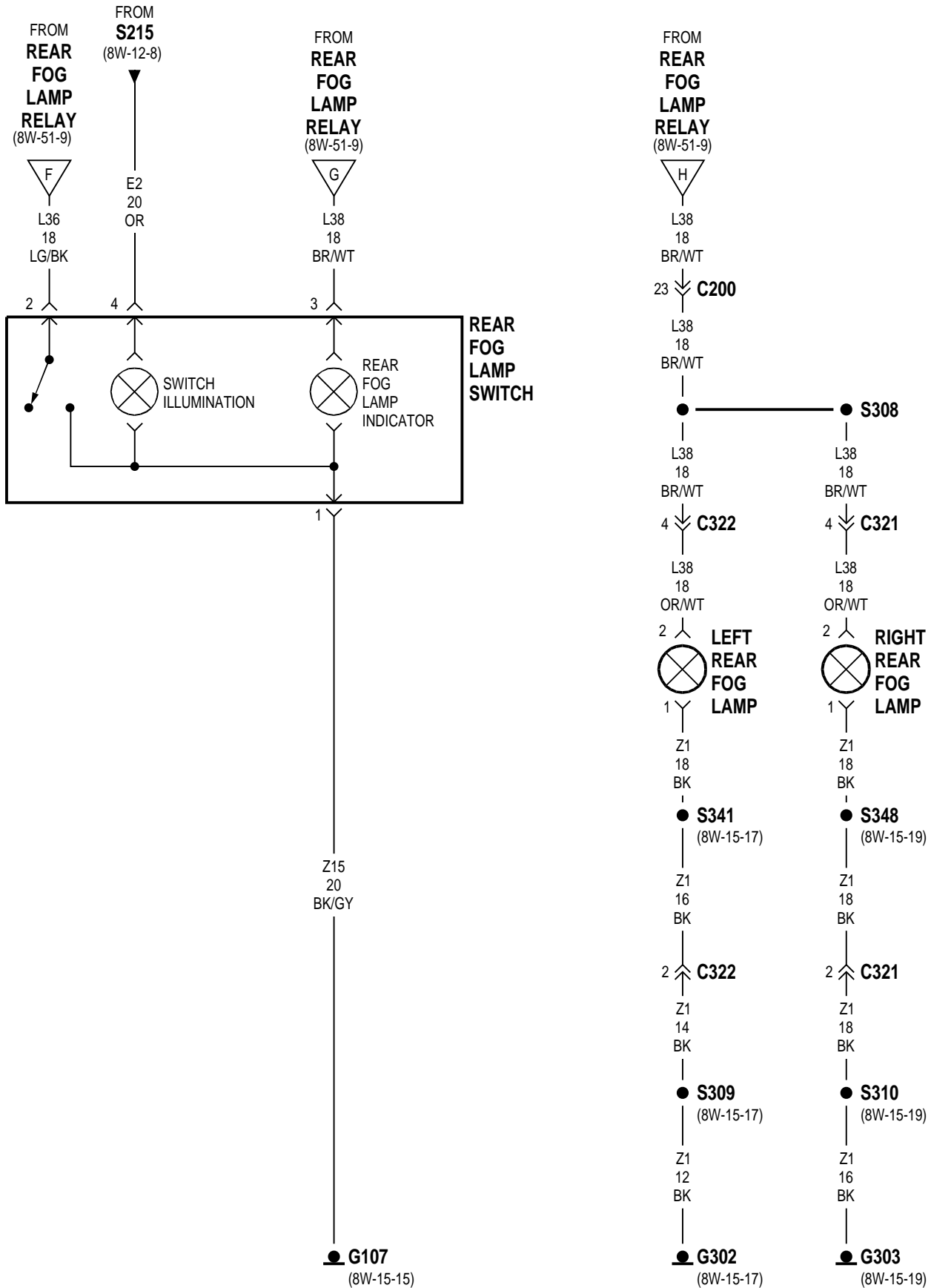


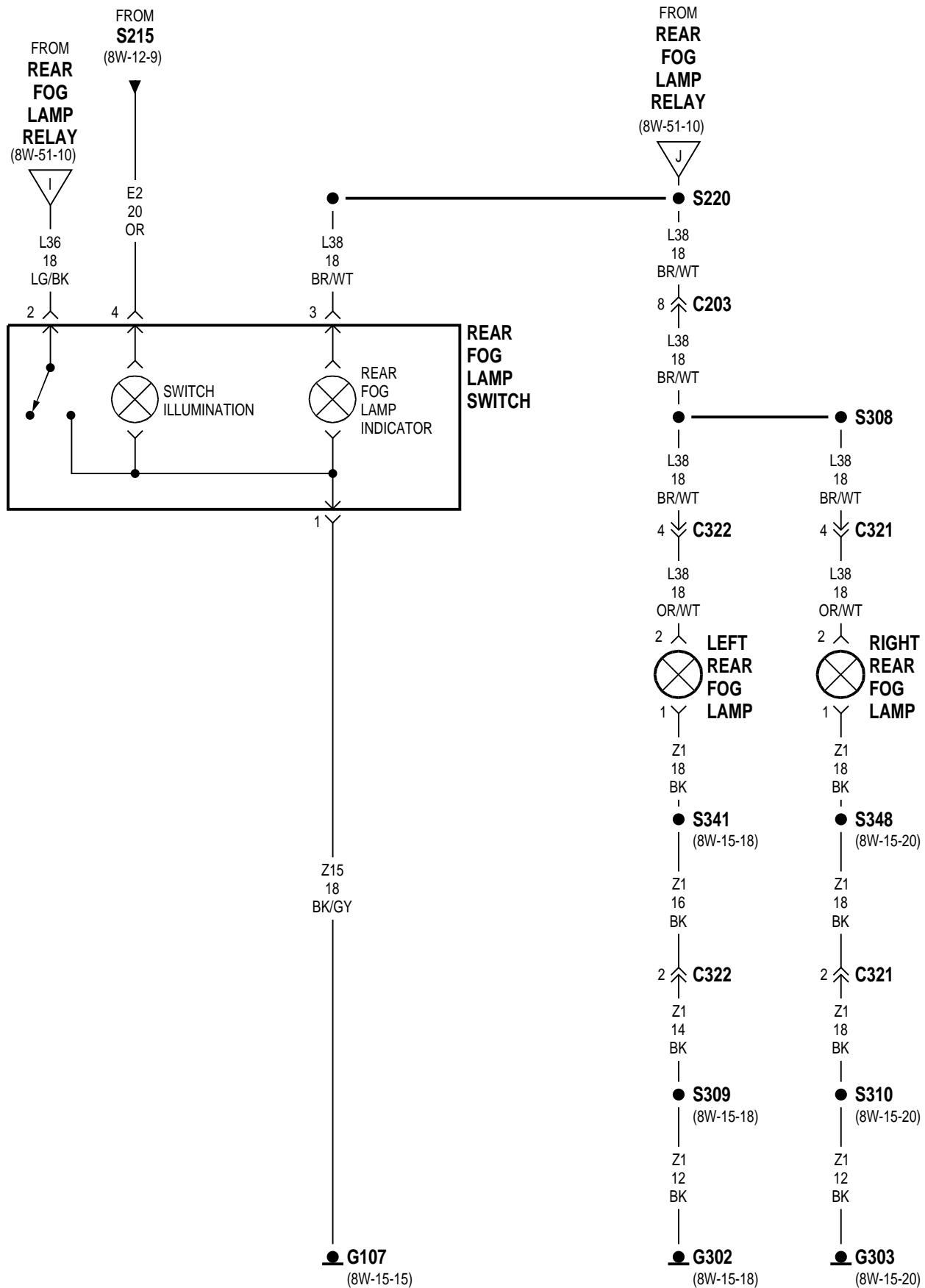






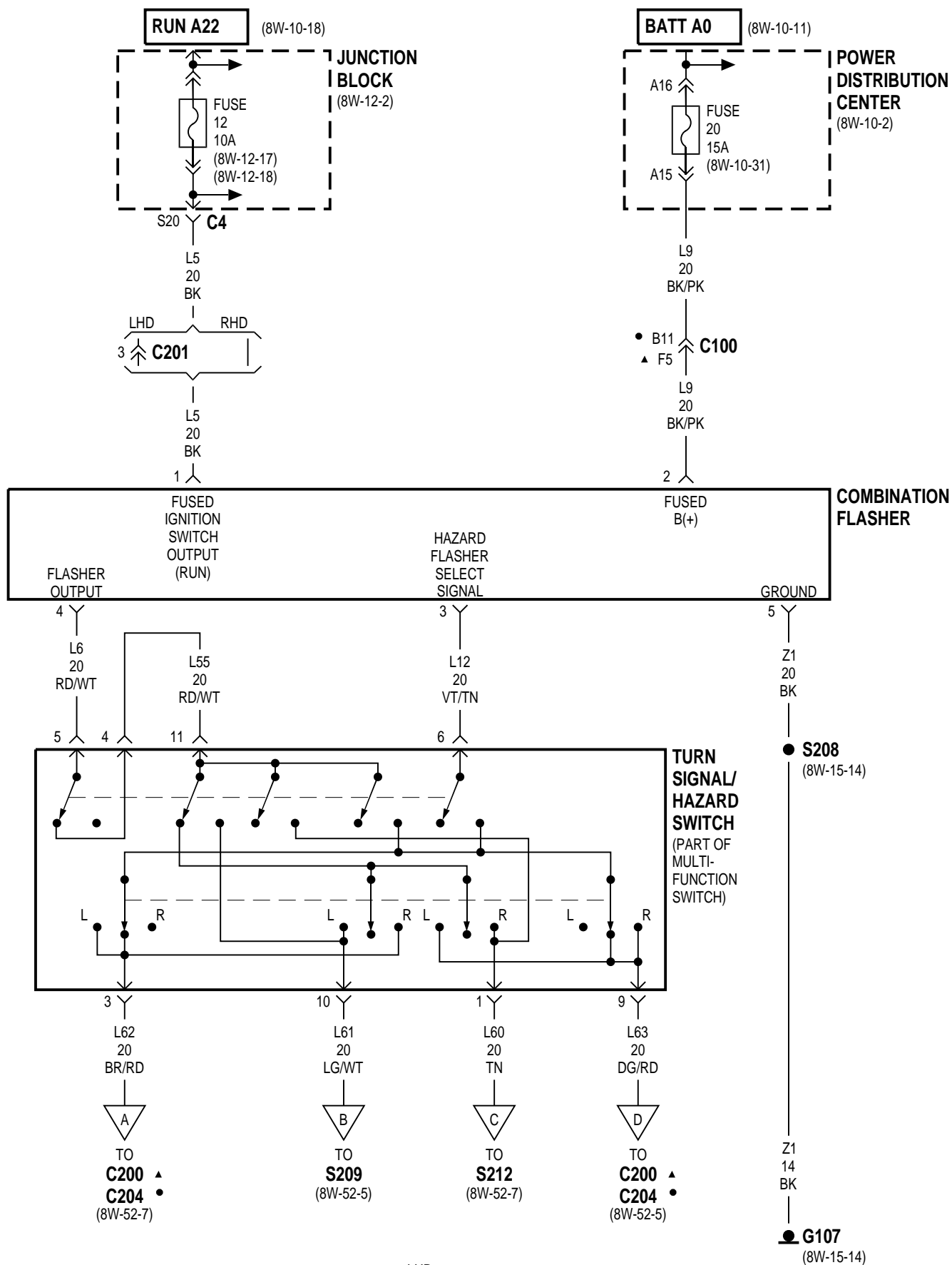


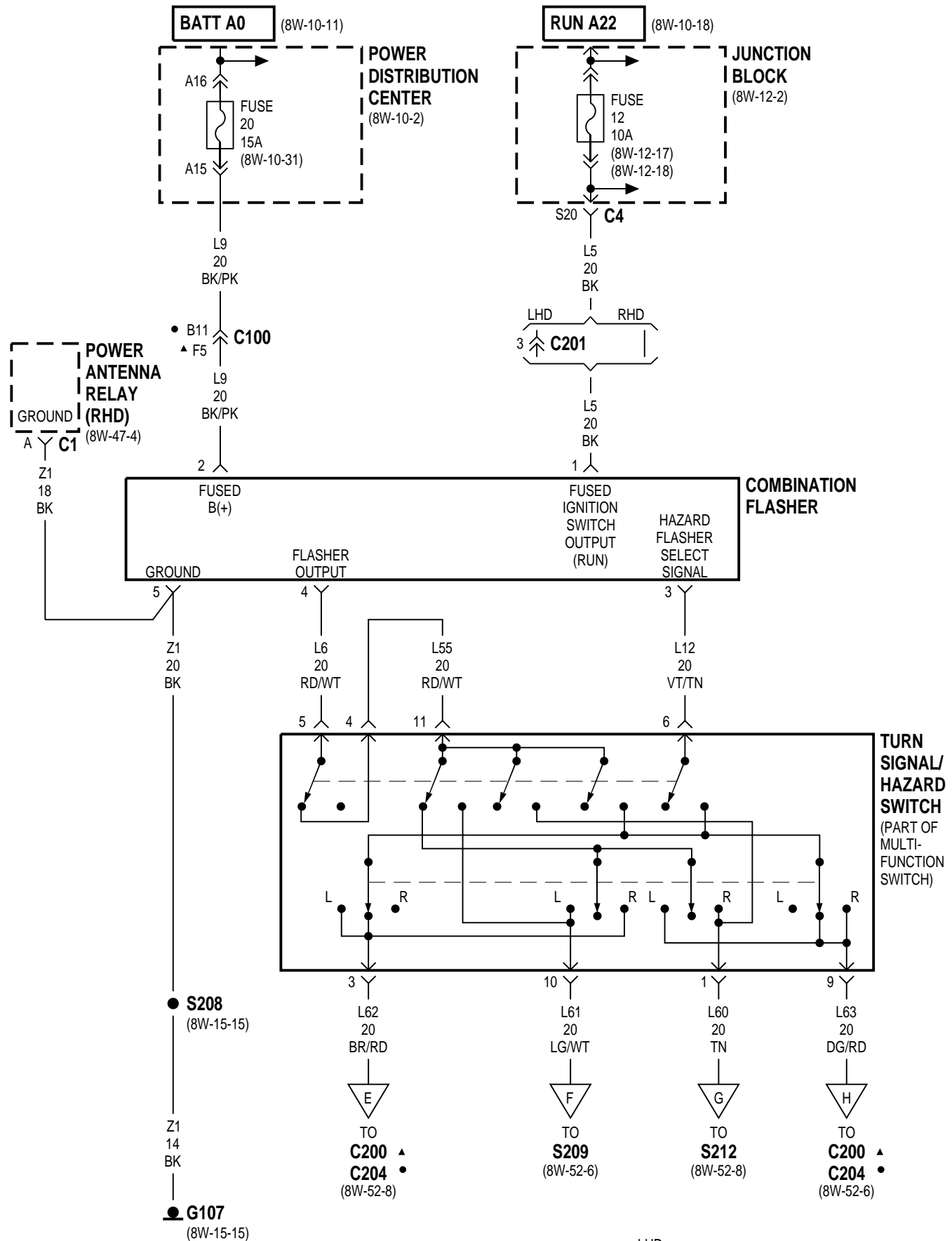


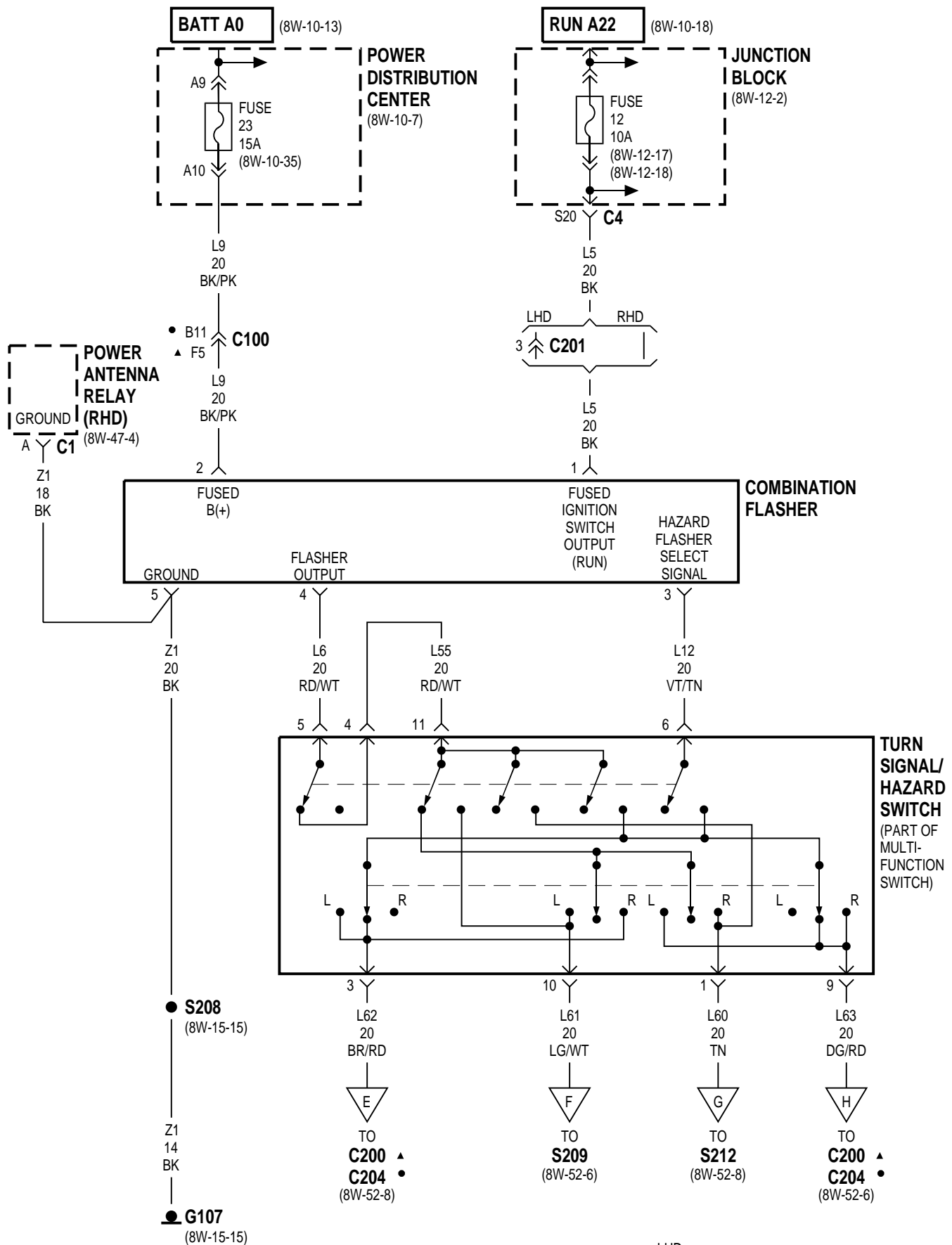


## 8W-52 TURN SIGNALS

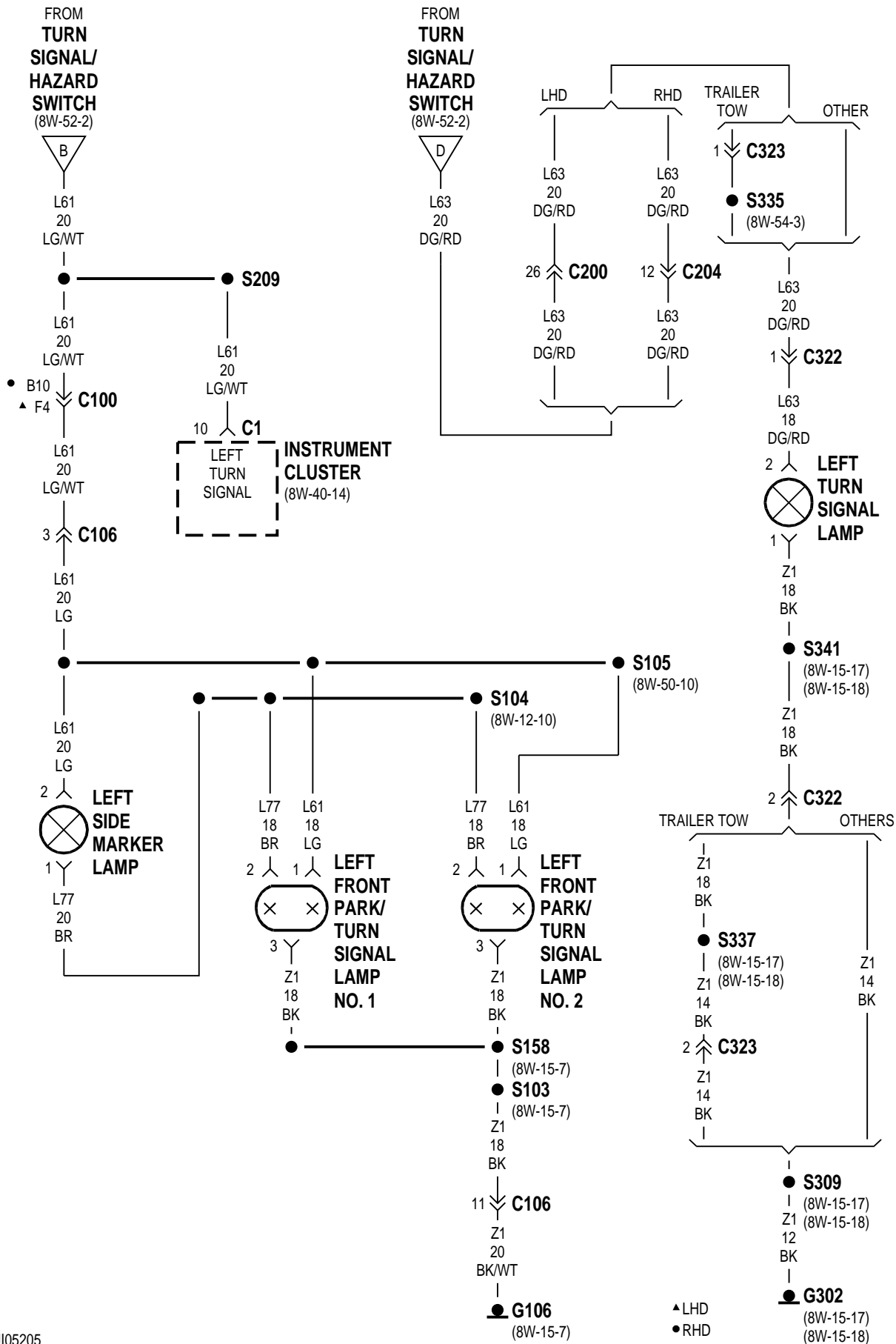
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Combination Flasher . . . . .	8W-52-2, 3, 4	Left Repeater Lamp . . . . .	8W-52-6
Fuse 12 (JB) . . . . .	8W-52-2, 3, 4	Left Side Marker Lamp . . . . .	8W-52-5
Fuse 20 (PDC) . . . . .	8W-52-2, 3	Left Turn Signal Lamp . . . . .	8W-52-5, 6
Fuse 23 (PDC) . . . . .	8W-52-4	Power Antenna Relay . . . . .	8W-52-3, 4
G106 . . . . .	8W-52-5, 6, 7, 8	Power Distribution Center . . . . .	8W-52-2, 3, 4
G107 . . . . .	8W-52-2, 3, 4	Right Front Park/Turn Signal Lamp No. 1 . .	8W-52-7
G302 . . . . .	8W-52-5, 6	Right Front Park/Turn Signal Lamp No. 2 . .	8W-52-7
G303 . . . . .	8W-52-7, 8	Right Front Turn Signal Lamp No. 1 . . . .	8W-52-8
Instrument Cluster . . . . .	8W-52-5, 6, 7, 8	Right Front Turn Signal Lamp No. 2 . . . .	8W-52-8
Junction Block . . . . .	8W-52-2, 3, 4	Right Repeater Lamp . . . . .	8W-52-8
Left Front Park/Turn Signal Lamp No. 1 . .	8W-52-5	Right Side Marker Lamp . . . . .	8W-52-7
Left Front Park/Turn Signal Lamp No. 2 . .	8W-52-5	Right Turn Signal Lamp . . . . .	8W-52-7, 8
Left Front Turn Signal Lamp No. 1 . . . . .	8W-52-6	Turn Signal/Hazard Switch . . . . .	8W-52-2, 3, 4
Left Front Turn Signal Lamp No. 2 . . . . .	8W-52-6		

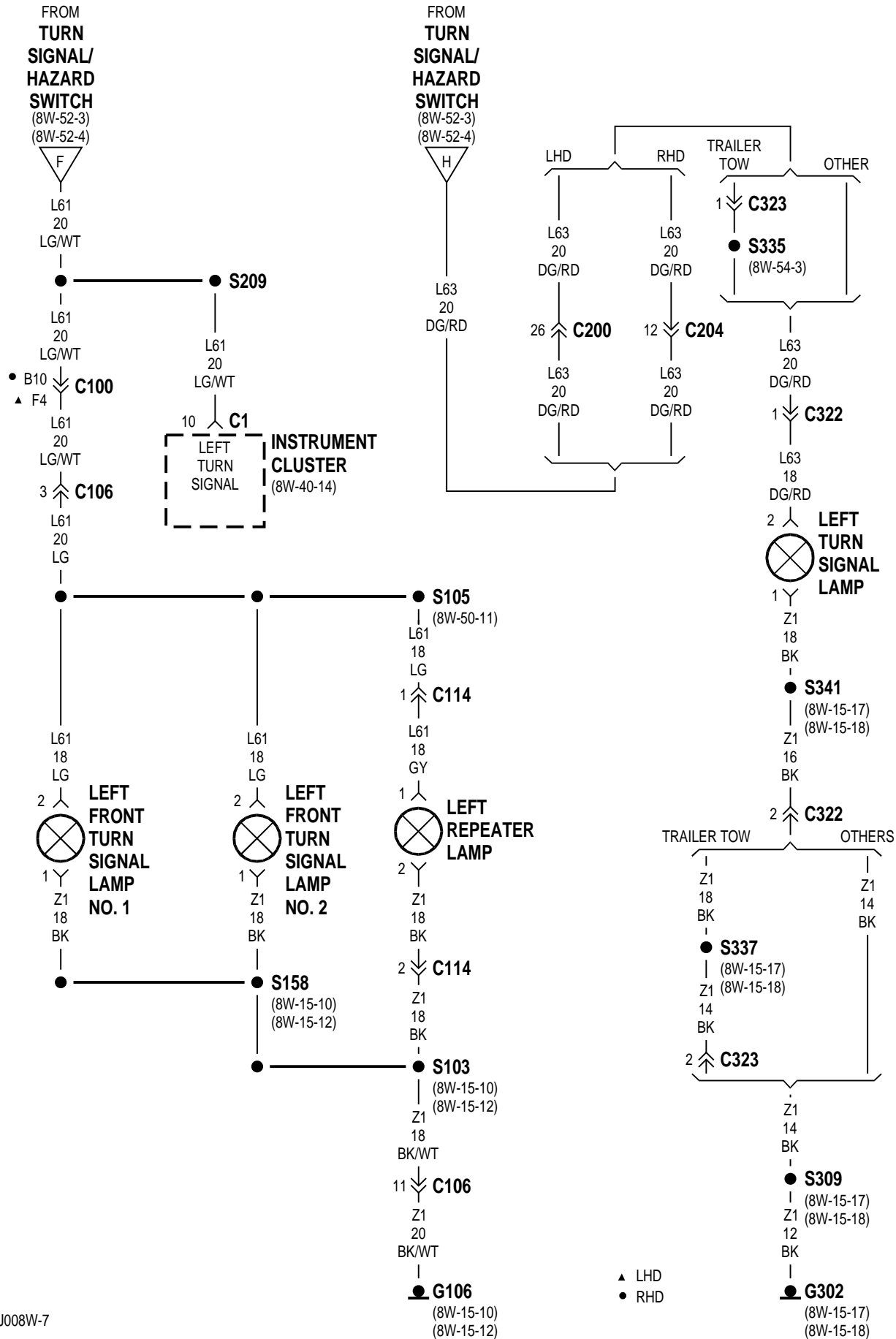




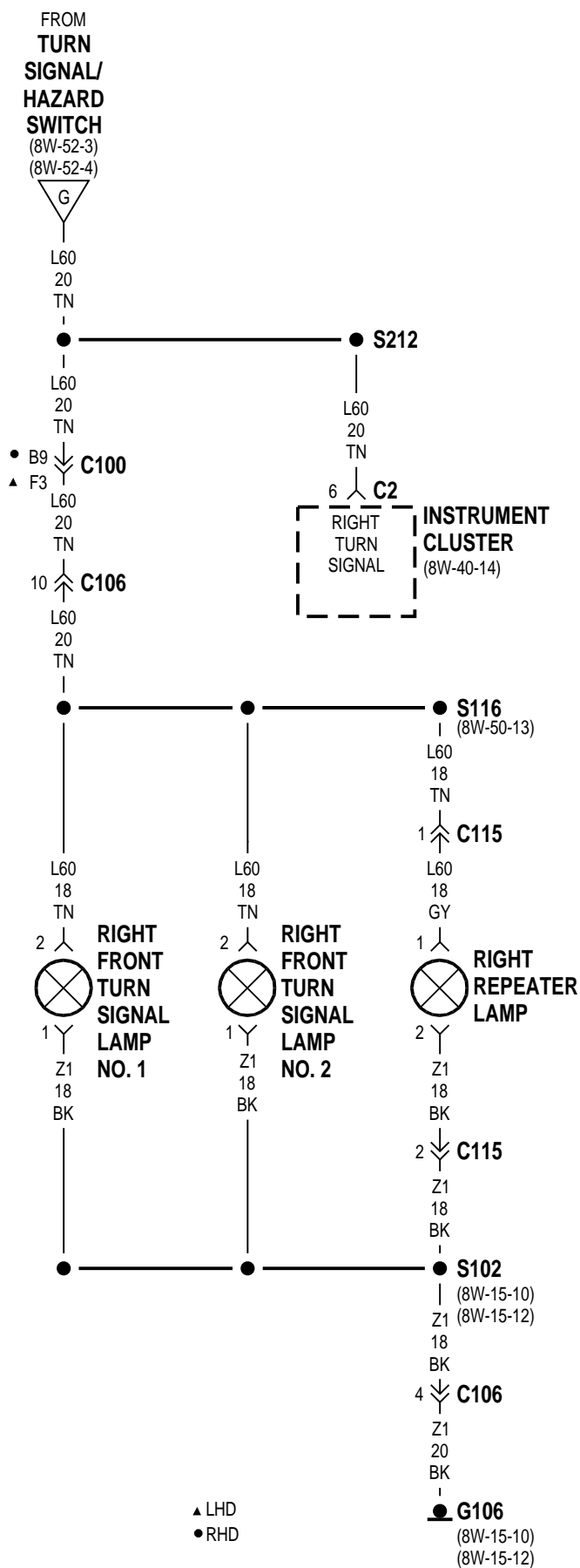
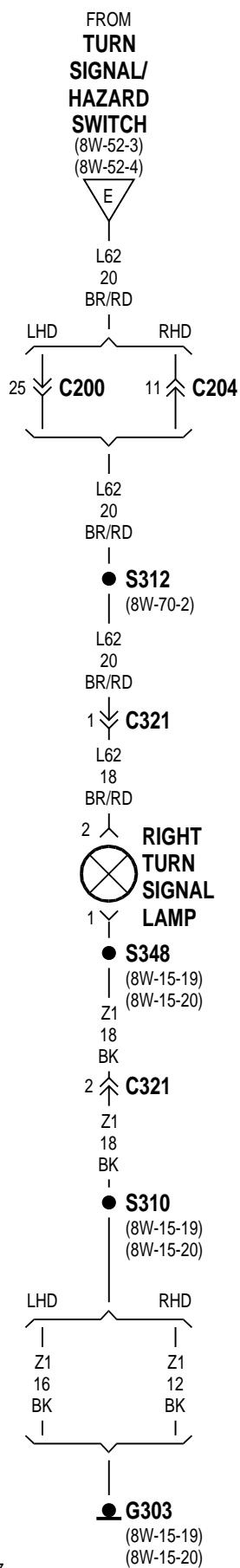






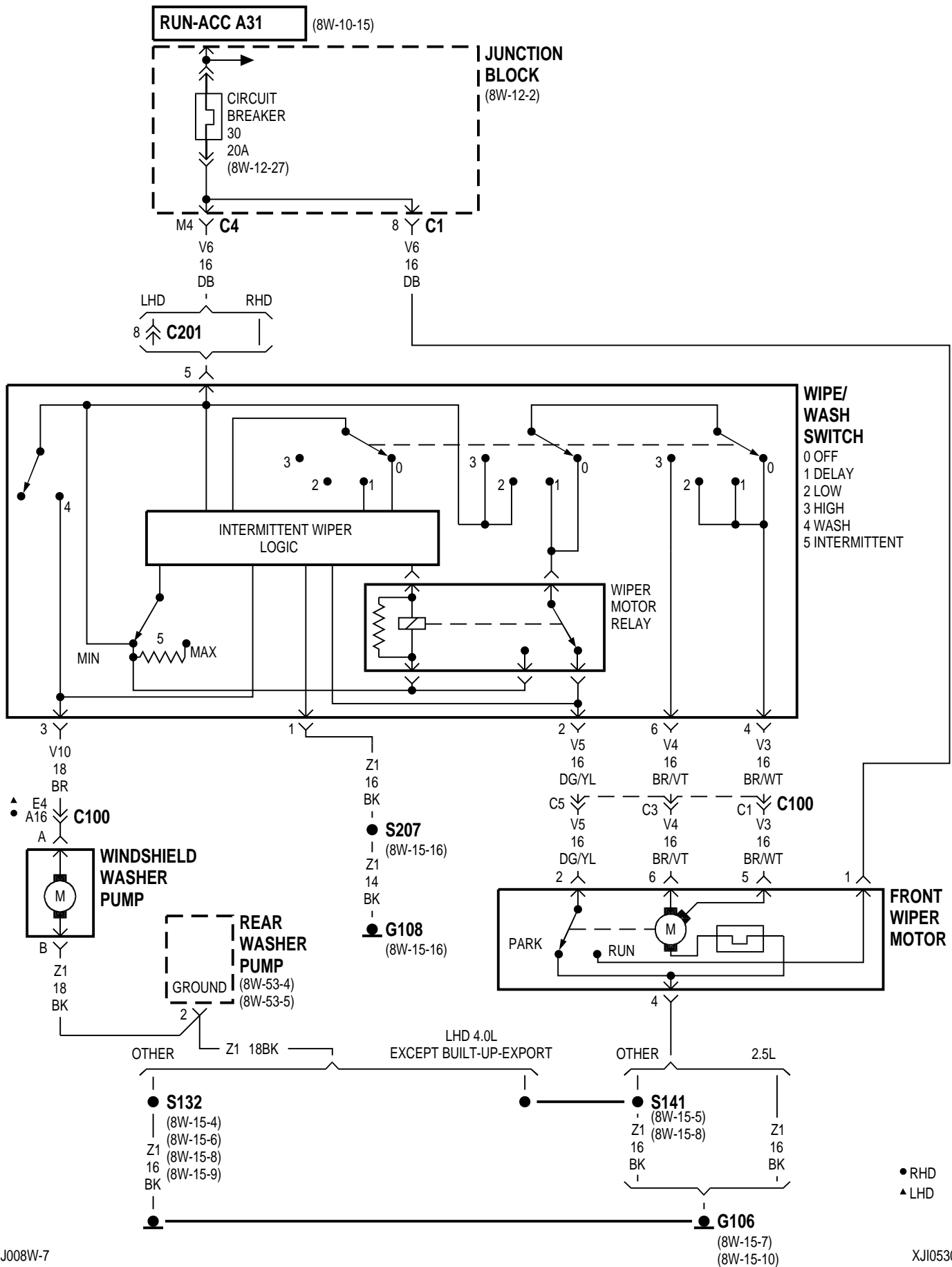


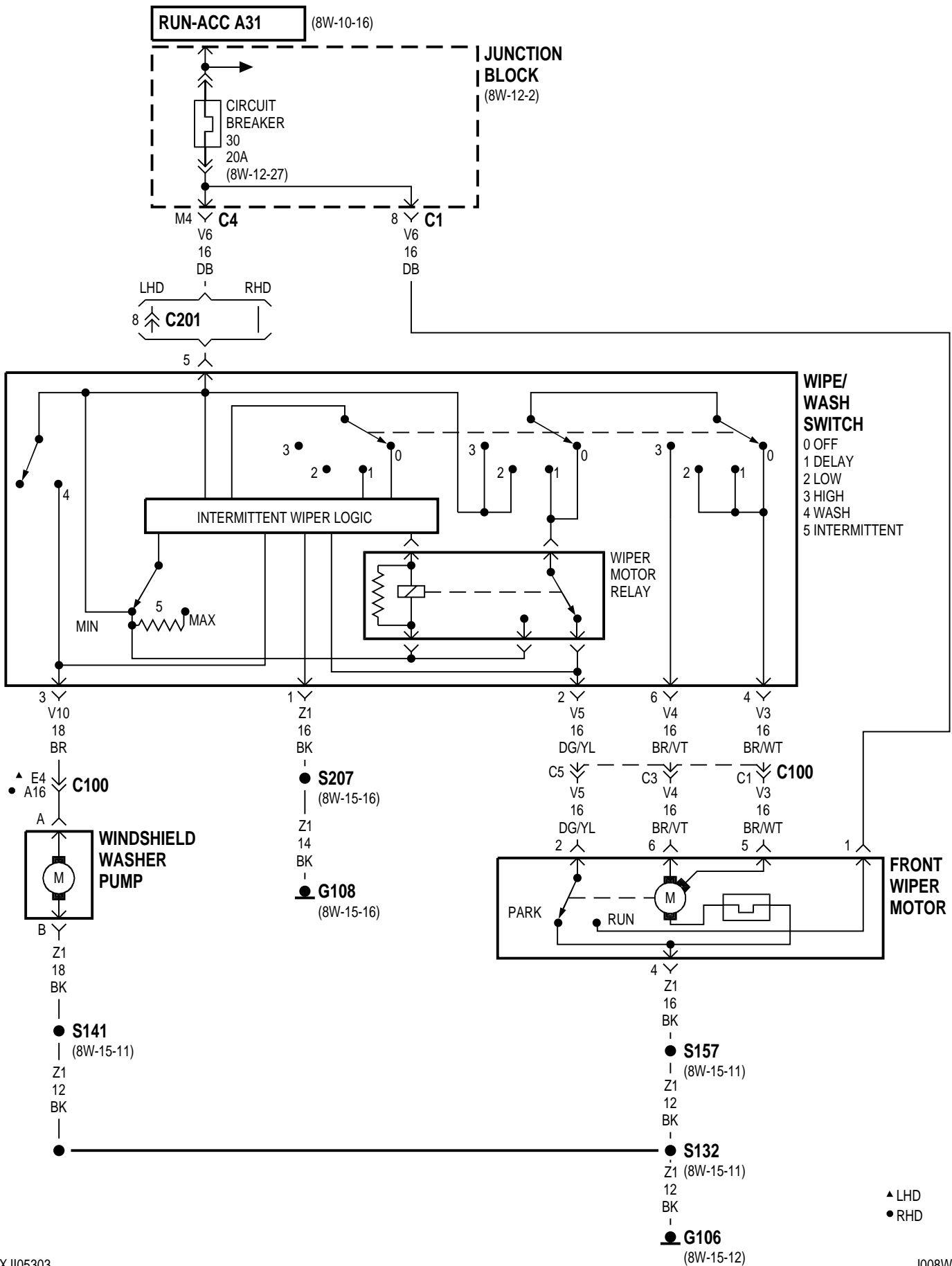


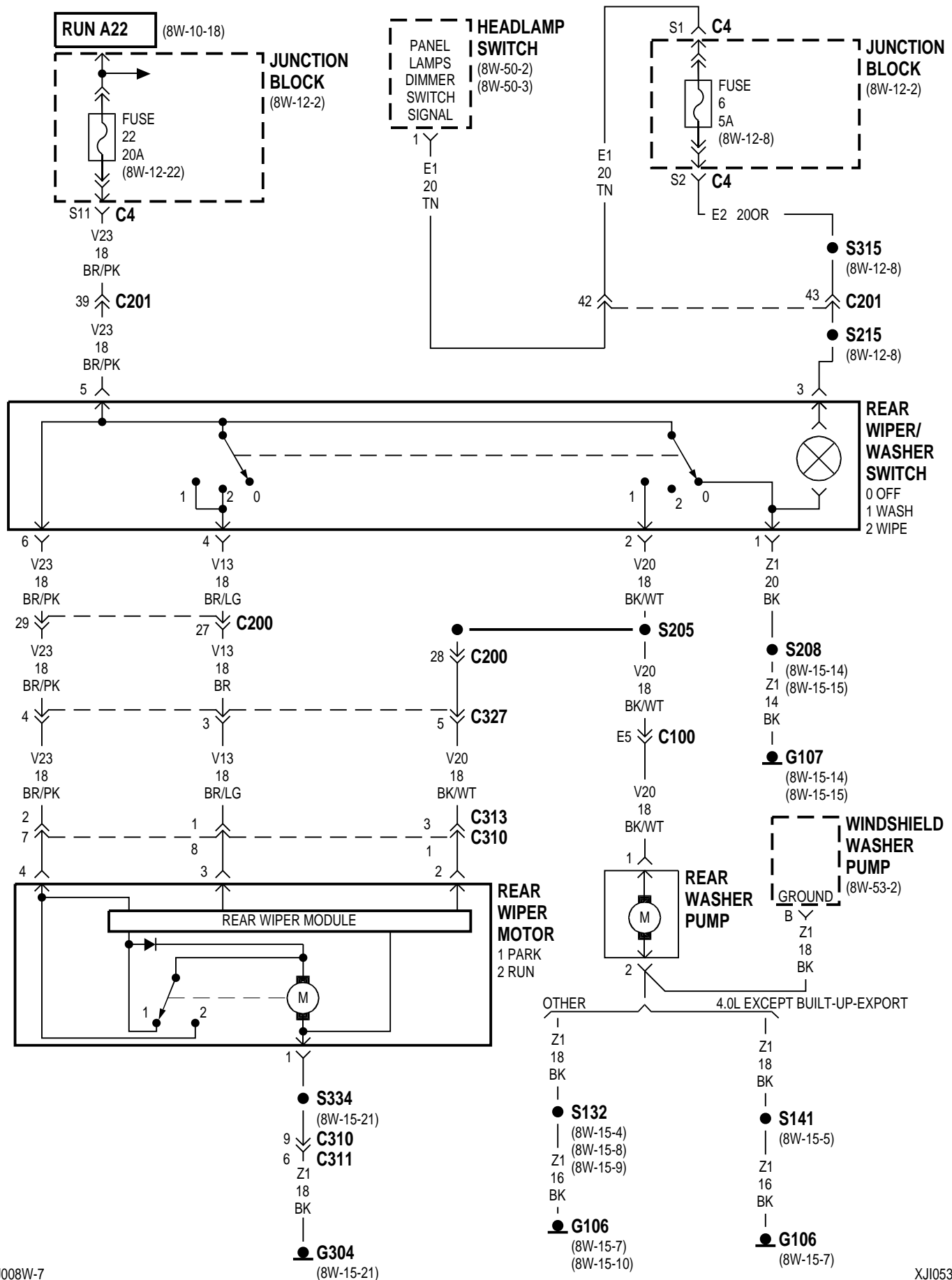


## 8W-53 WIPERS

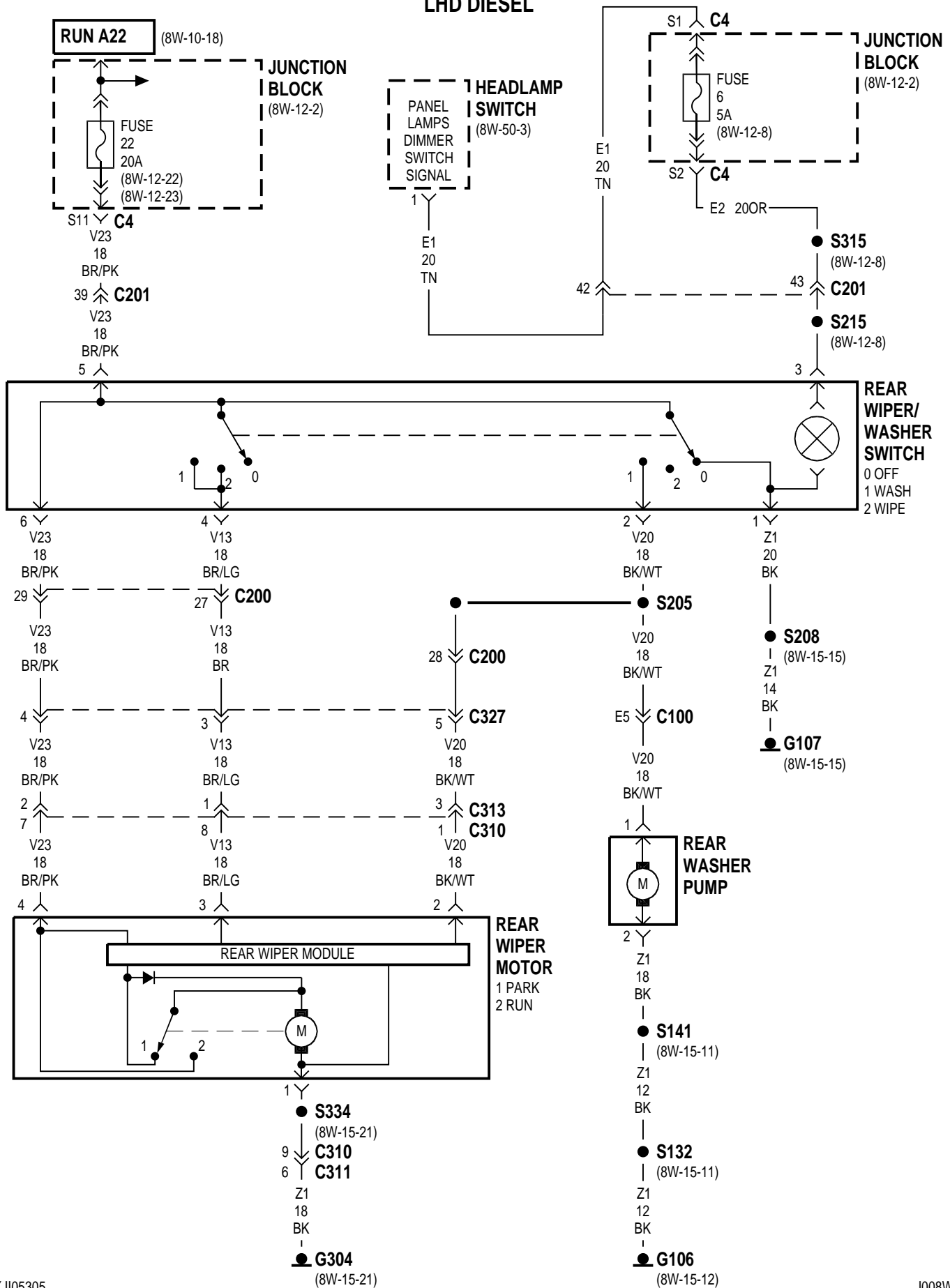
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C- Heater Control . . . . .	8W-53-6, 7	Headlamp Switch . . . . .	8W-53-4, 5, 6, 7
Circuit Breaker 30 (JB) . . . . .	8W-53-2, 3	Junction Block . . . . .	8W-53-2, 3, 4, 5, 6, 7
Front Wiper Motor . . . . .	8W-53-2, 3	Rear Washer Pump . . . . .	8W-53-2, 4, 5, 6, 7
Fuse 6 (JB) . . . . .	8W-53-4, 5, 6, 7	Rear Wiper Motor . . . . .	8W-53-4, 5, 6, 7
Fuse 22 (JB) . . . . .	8W-53-4, 5, 6, 7	Rear Wiper/Washer Switch . . . . .	8W-53-4, 5, 6, 7
G106 . . . . .	8W-53-2, 3, 4, 5, 6, 7	Windshield Washer Pump . . . . .	8W-53-2, 3, 4, 6
G107 . . . . .	8W-53-4, 5, 6, 7	Wipe/Wash Switch . . . . .	8W-53-2, 3
G108 . . . . .	8W-53-2, 3	Wiper Motor Relay . . . . .	8W-53-2, 3
G304 . . . . .	8W-53-4, 5, 6, 7		

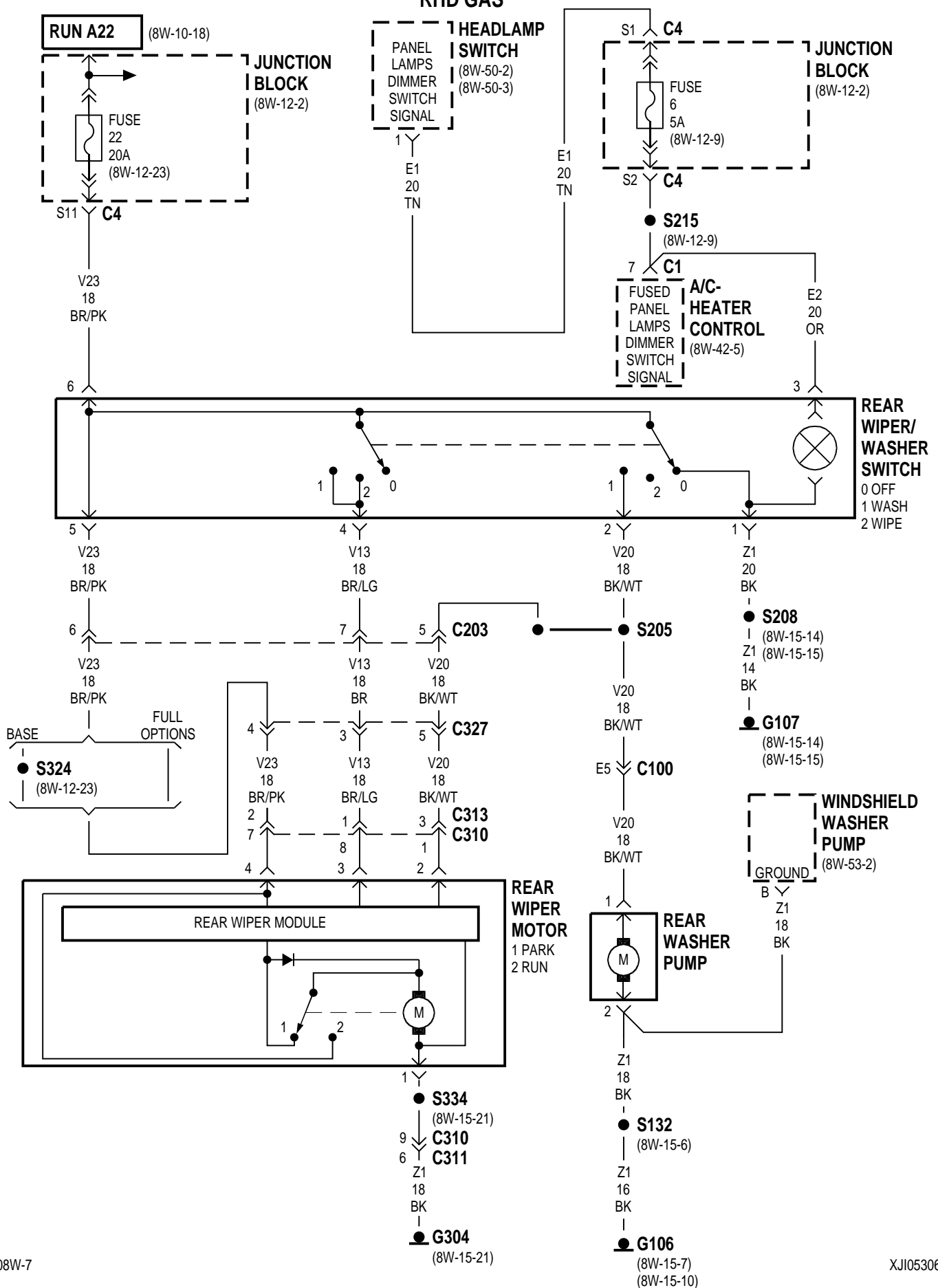


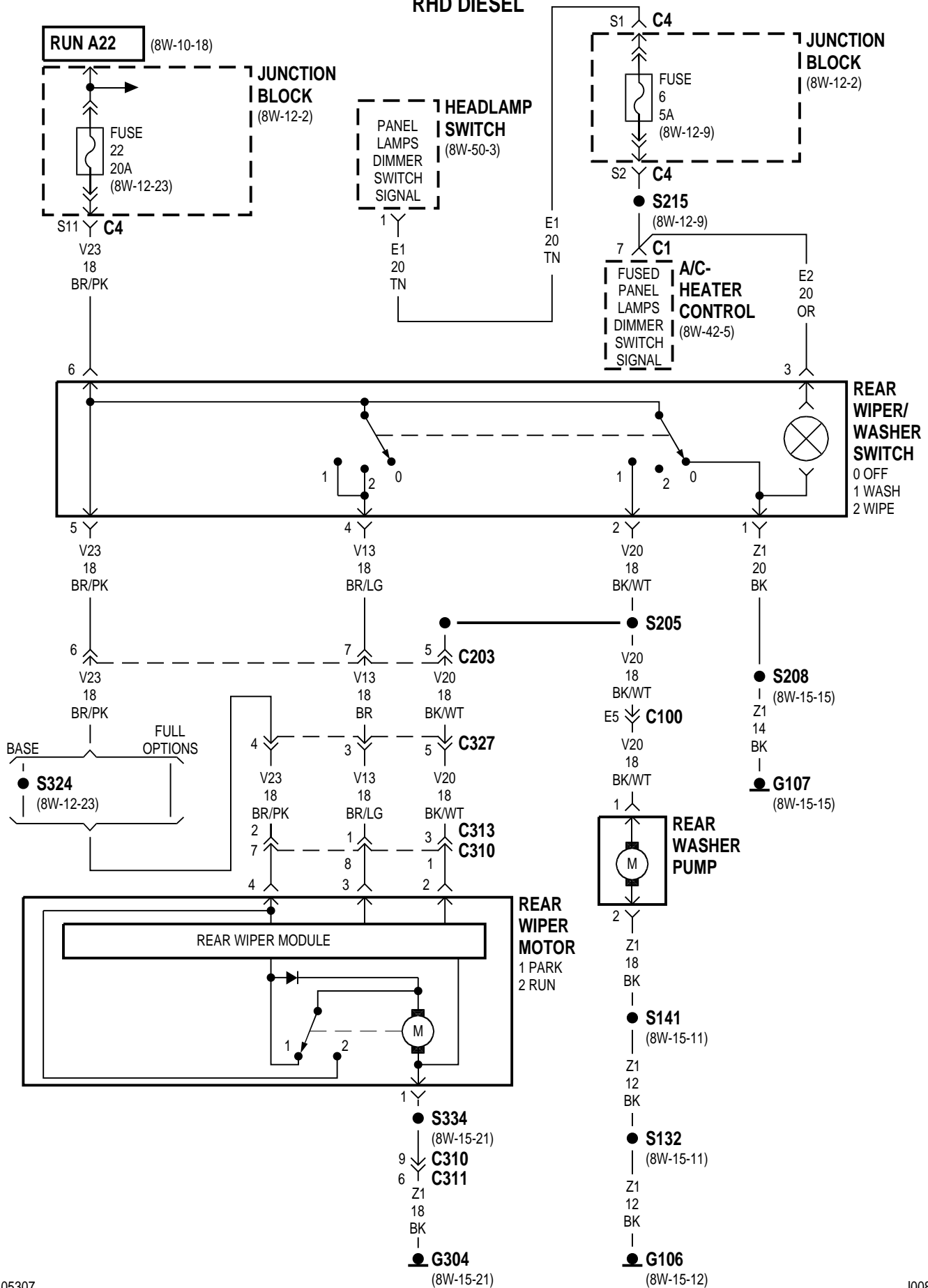








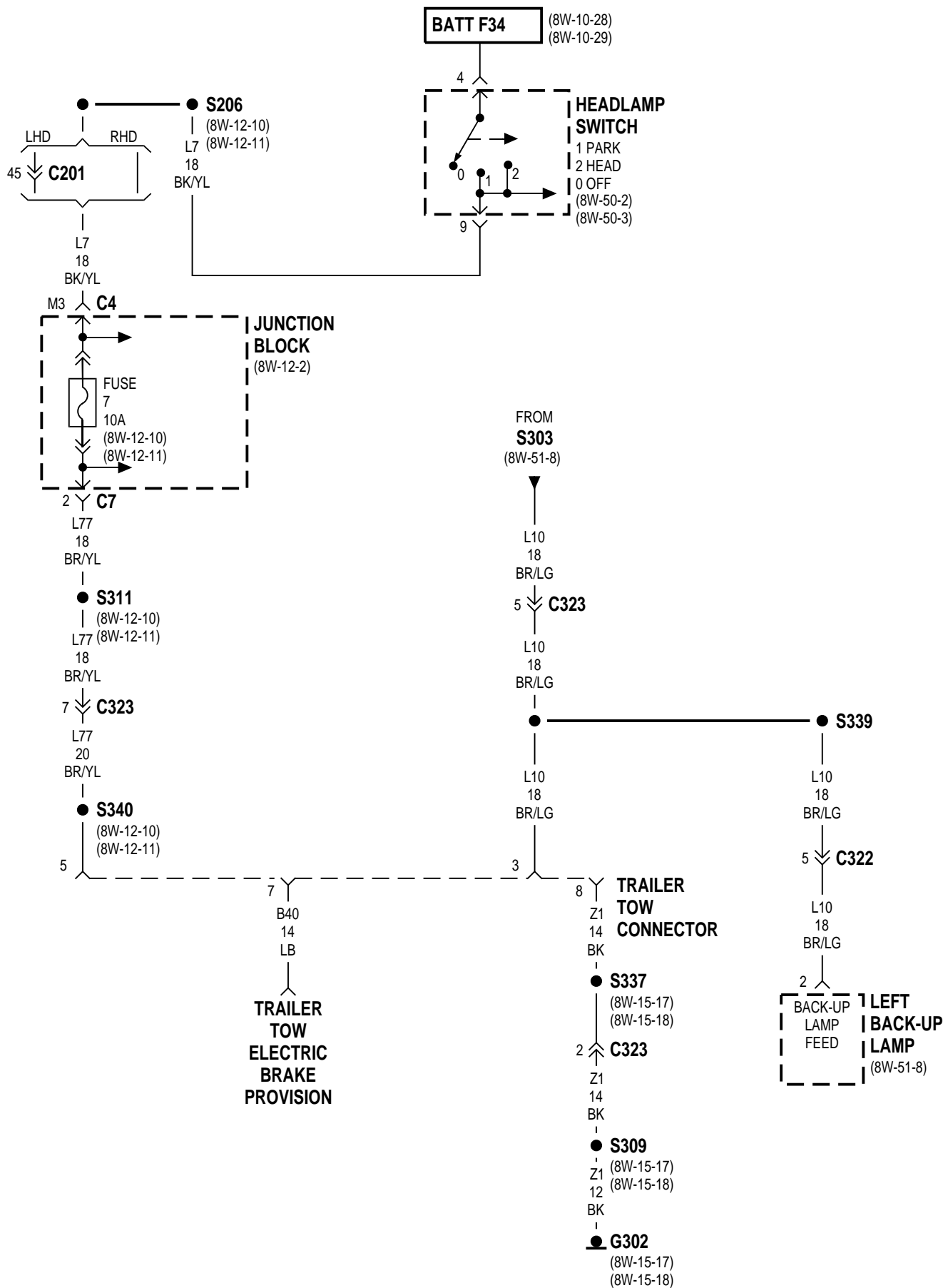


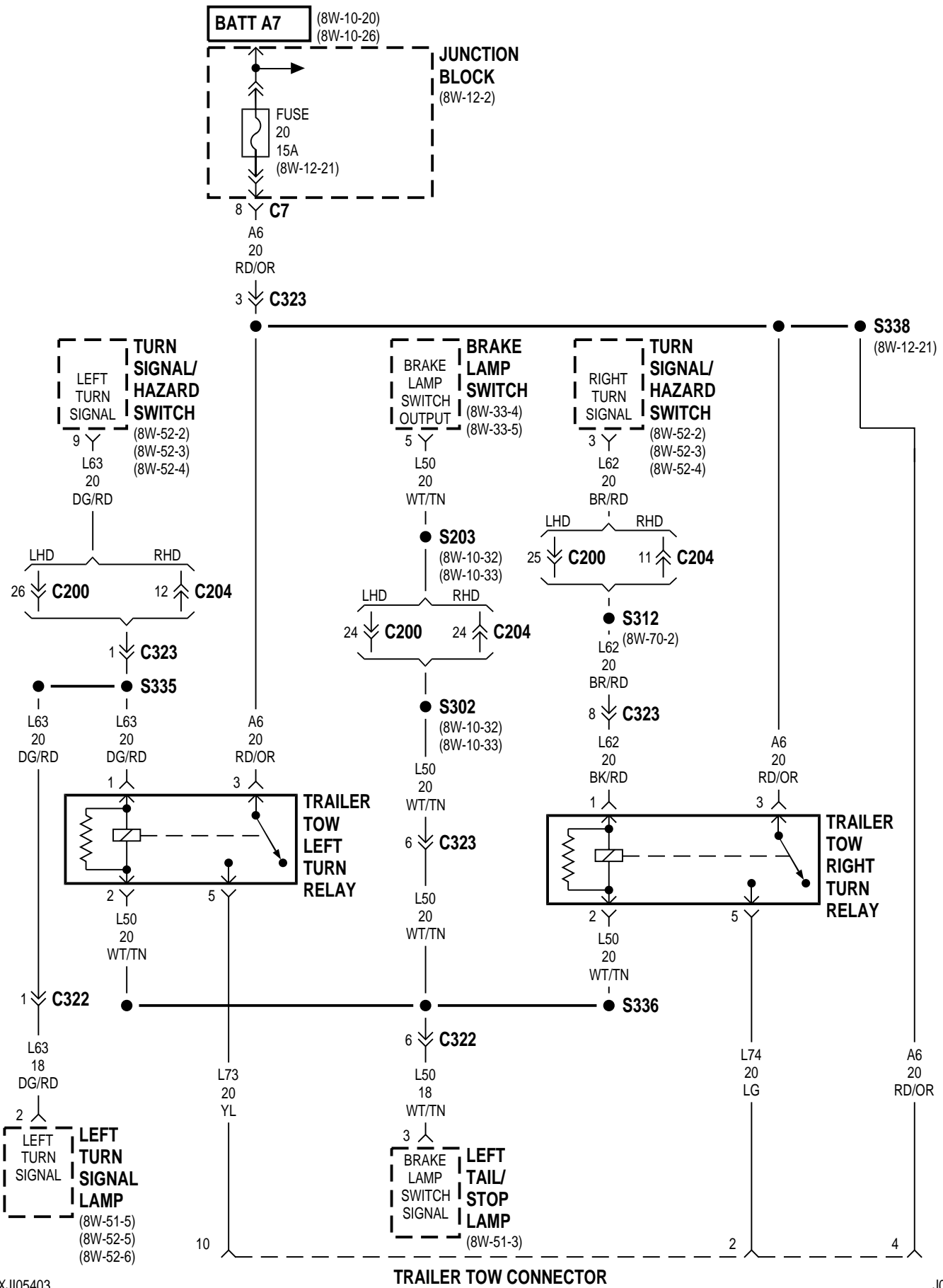




## 8W-54 TRAILER TOW

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Brake Lamp Switch .....	8W-54-3	Left Tail/Stop Lamp .....	8W-54-3
Fuse 7 (JB) .....	8W-54-2	Left Turn Signal Lamp .....	8W-54-3
Fuse 20 (JB) .....	8W-54-3	Trailer Tow Connector .....	8W-54-2, 3
G302 .....	8W-54-2	Trailer Tow Electric Brake Provision .....	8W-54-2
Headlamp Switch .....	8W-54-2	Trailer Tow Left Turn Relay .....	8W-54-3
Junction Block .....	8W-54-2, 3	Trailer Tow Right Turn Relay .....	8W-54-3
Left Back-Up Lamp .....	8W-54-2	Turn Signal/Hazard Switch.....	8W-54-3





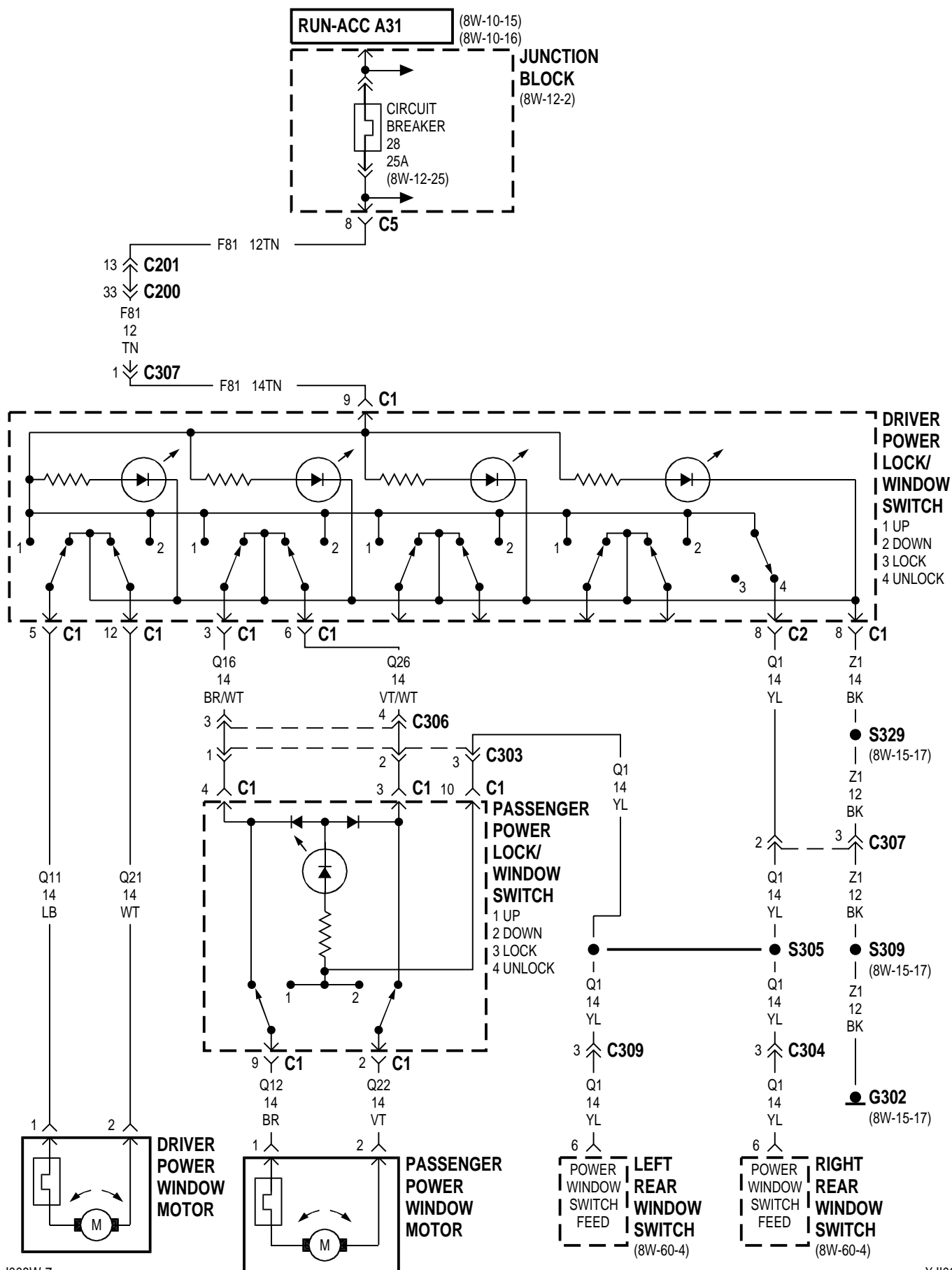




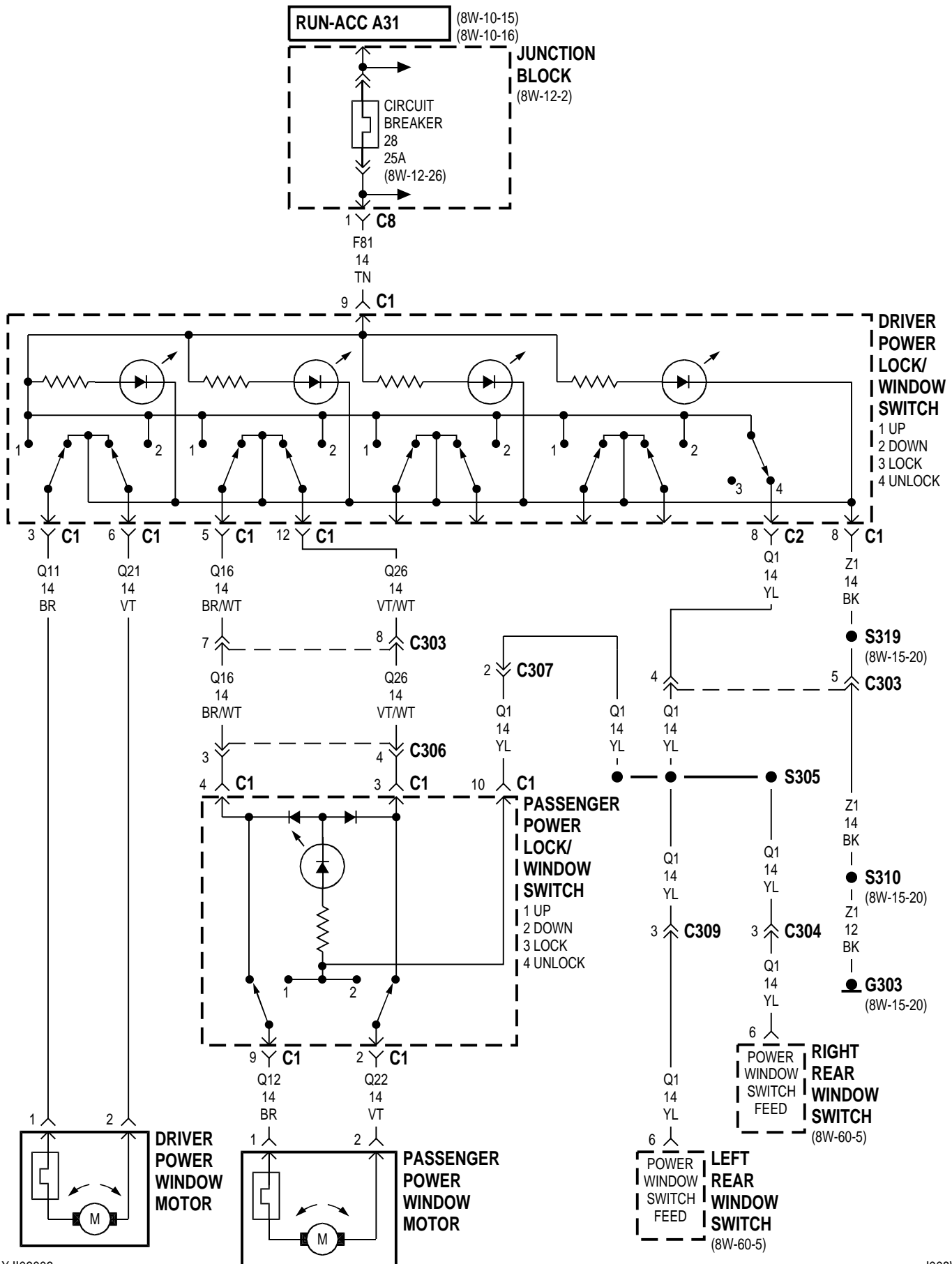
## 8W-60 POWER WINDOWS

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Circuit Breaker 28 (JB) . . . . .	8W-60-2, 3	Left Rear Window Motor . . . . .	8W-60-4, 5
Driver Power Lock/Window Switch .	8W-60-2, 3, 4, 5	Left Rear Window Switch . . . . .	8W-60-2, 3, 4, 5
Driver Power Window Motor . . . . .	8W-60-2, 3	Passenger Power Lock/Window Switch . .	8W-60-2, 3
G302 . . . . .	8W-60-2, 4	Passenger Power Window Motor . . . . .	8W-60-2, 3
G303 . . . . .	8W-60-3, 5	Right Rear Window Motor . . . . .	8W-60-4, 5
Junction Block . . . . .	8W-60-2, 3	Right Rear Window Switch . . . . .	8W-60-2, 3, 4, 5

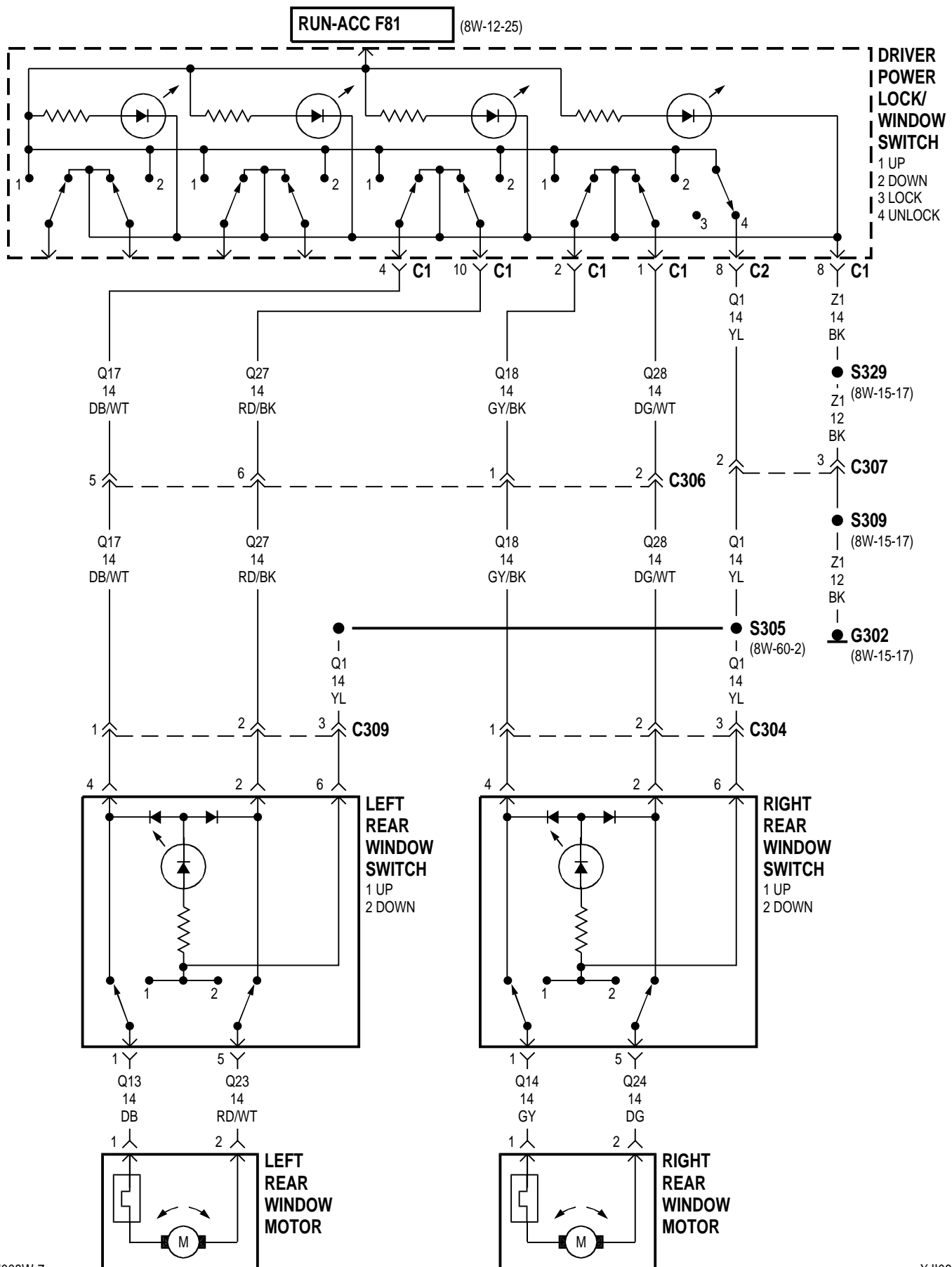
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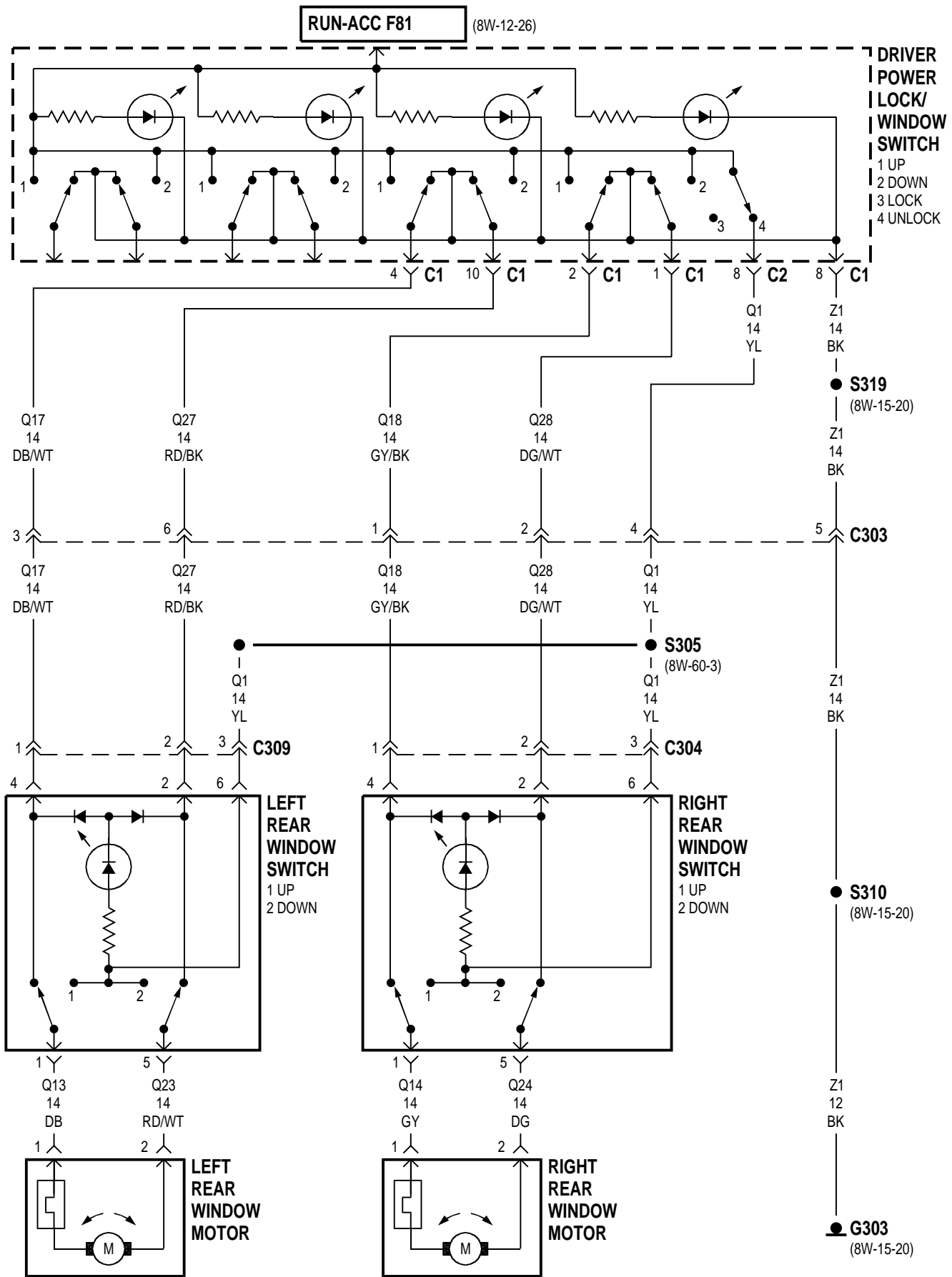
RHD



## LHD



RHD

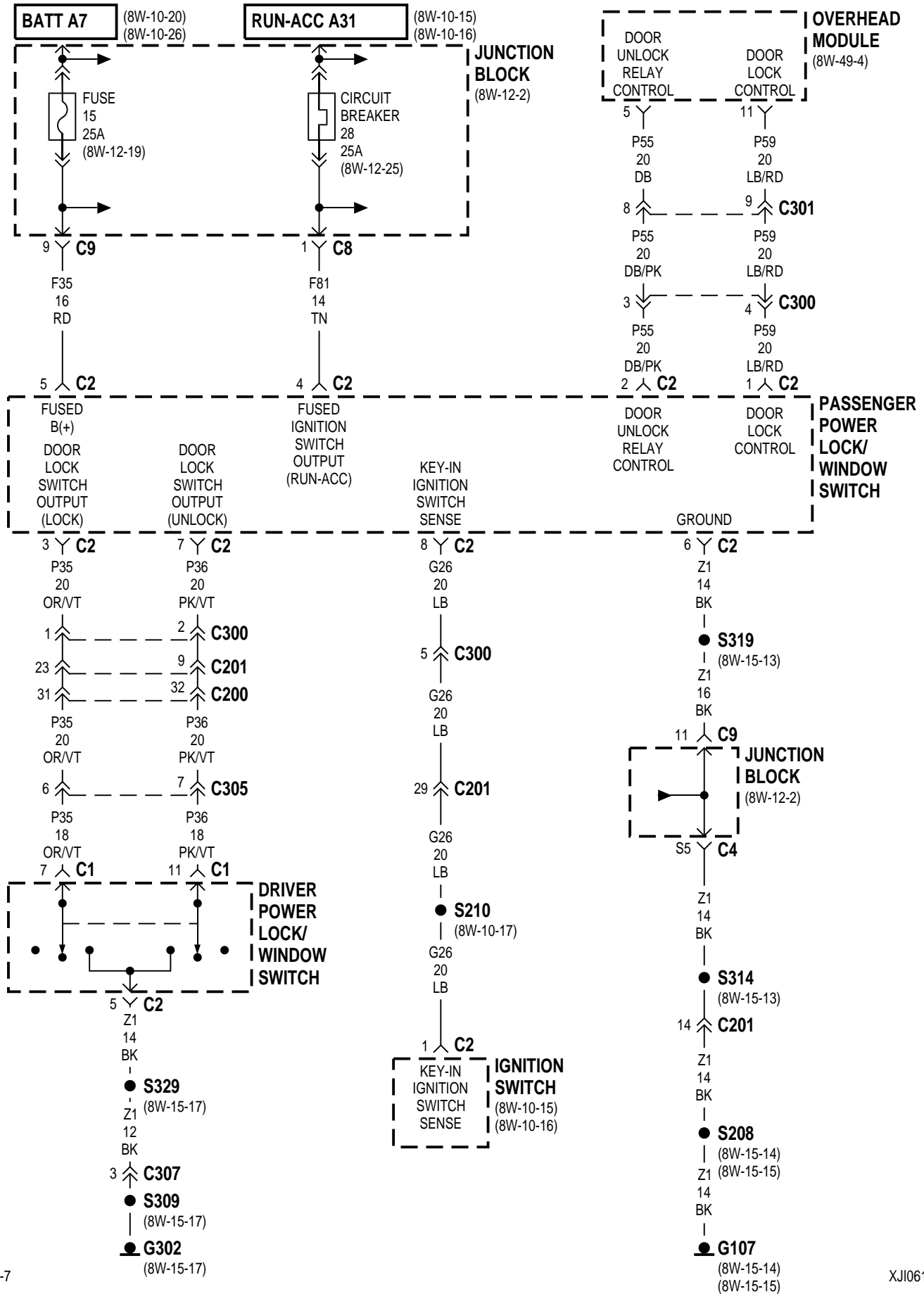




## 8W-61 POWER DOOR LOCKS

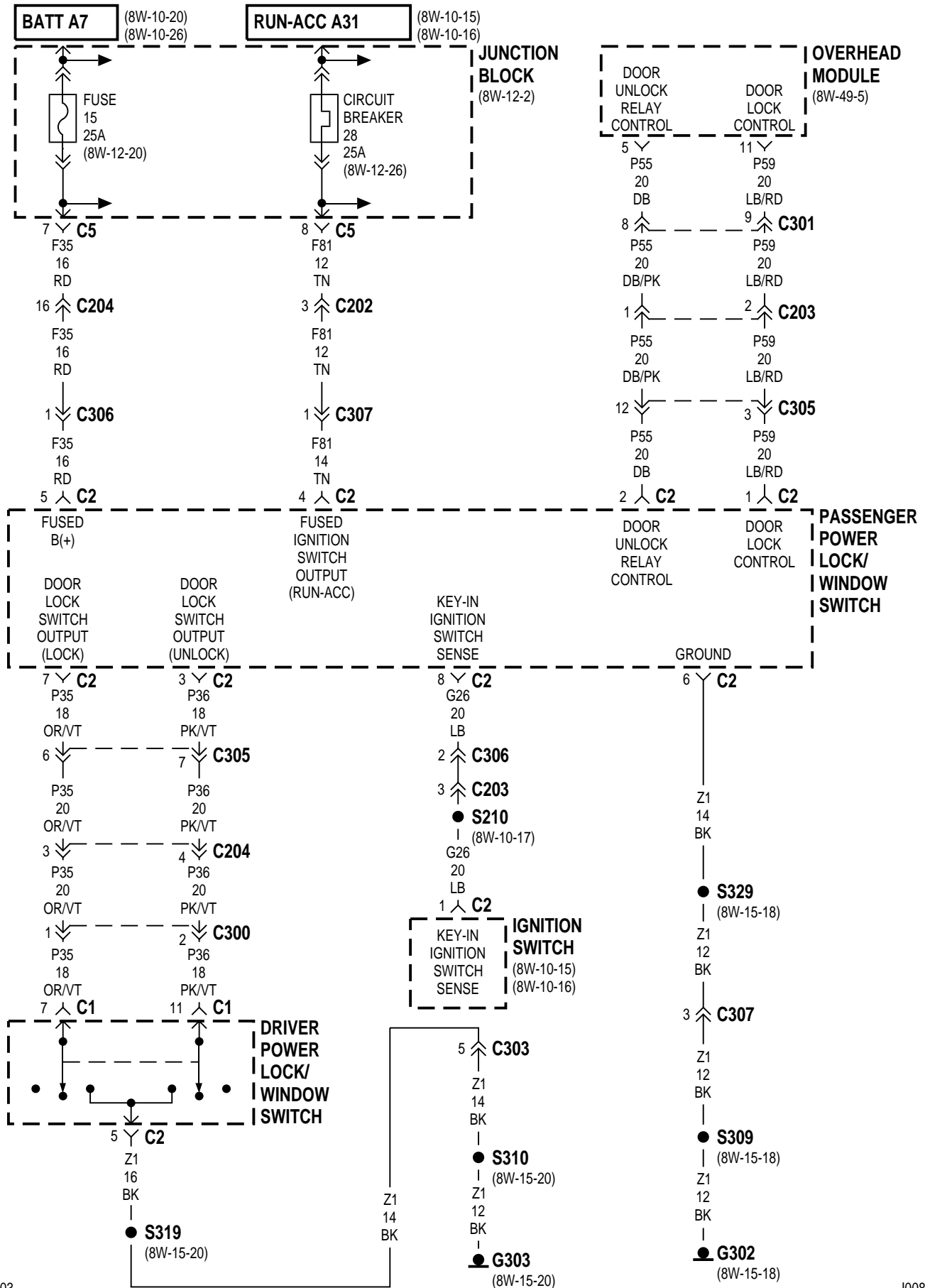
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Circuit Breaker 28 (JB) . . . . .	8W-61-2, 3	Junction Block . . . . .	8W-61-2, 3, 4, 5
Driver Door Lock Motor . . . . .	8W-61-4, 5	Left Rear Door Lock Motor . . . . .	8W-61-4, 5
Driver Power Lock/Window Switch . . . . .	8W-61-2, 3	Liftgate Lock Motor . . . . .	8W-61-4, 5
Fuse 15 (JB) . . . . .	8W-61-2, 3	Overhead Module . . . . .	8W-61-2, 3
G107 . . . . .	8W-61-2	Passenger Door Lock Motor . . . . .	8W-61-4, 5
G302 . . . . .	8W-61-2, 3	Passenger Power Lock/Window	
G303 . . . . .	8W-61-3	Switch . . . . .	8W-61-2, 3, 4, 5
Ignition Switch . . . . .	8W-61-2, 3	Right Rear Door Lock Motor . . . . .	8W-61-4, 5

## LHD

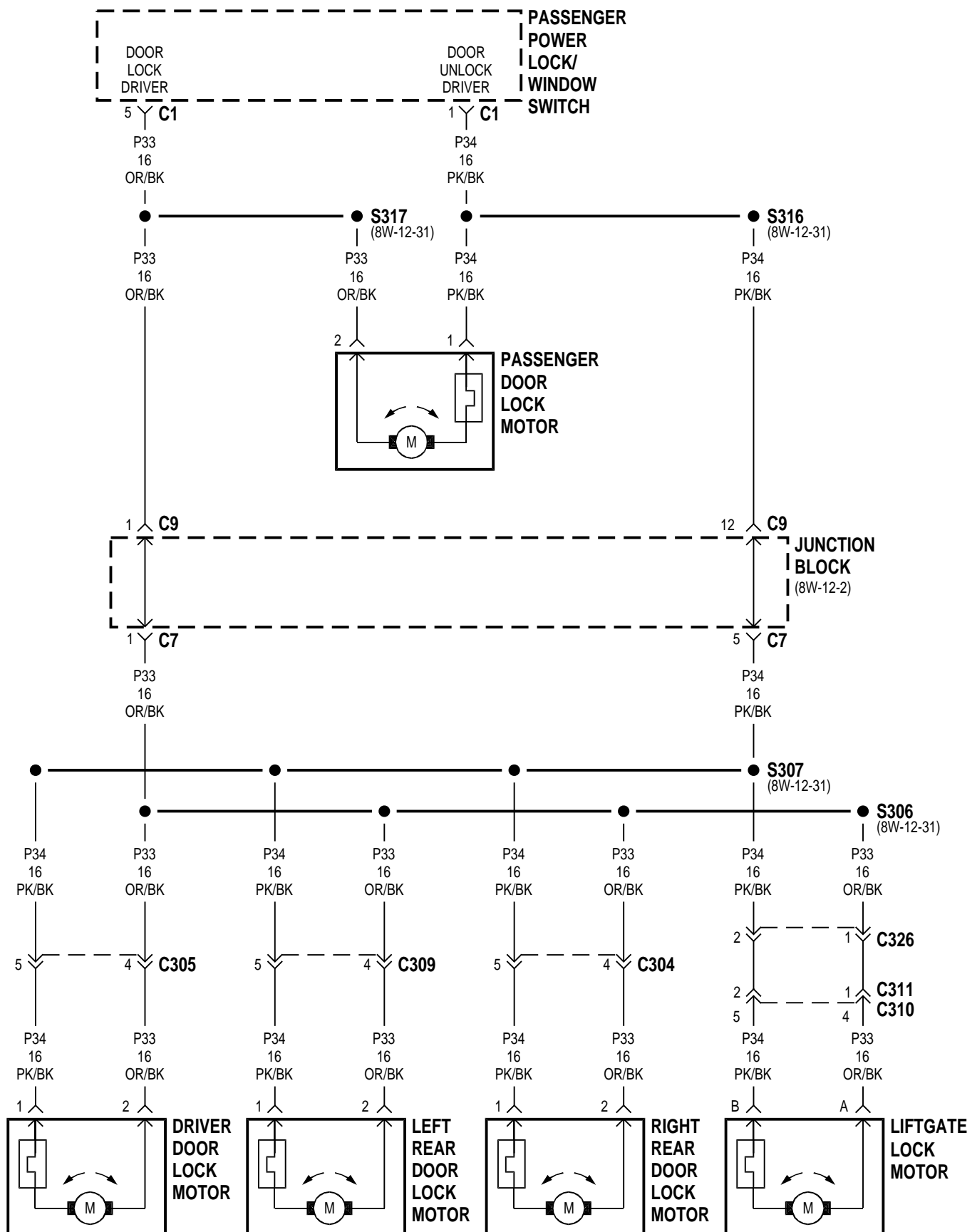


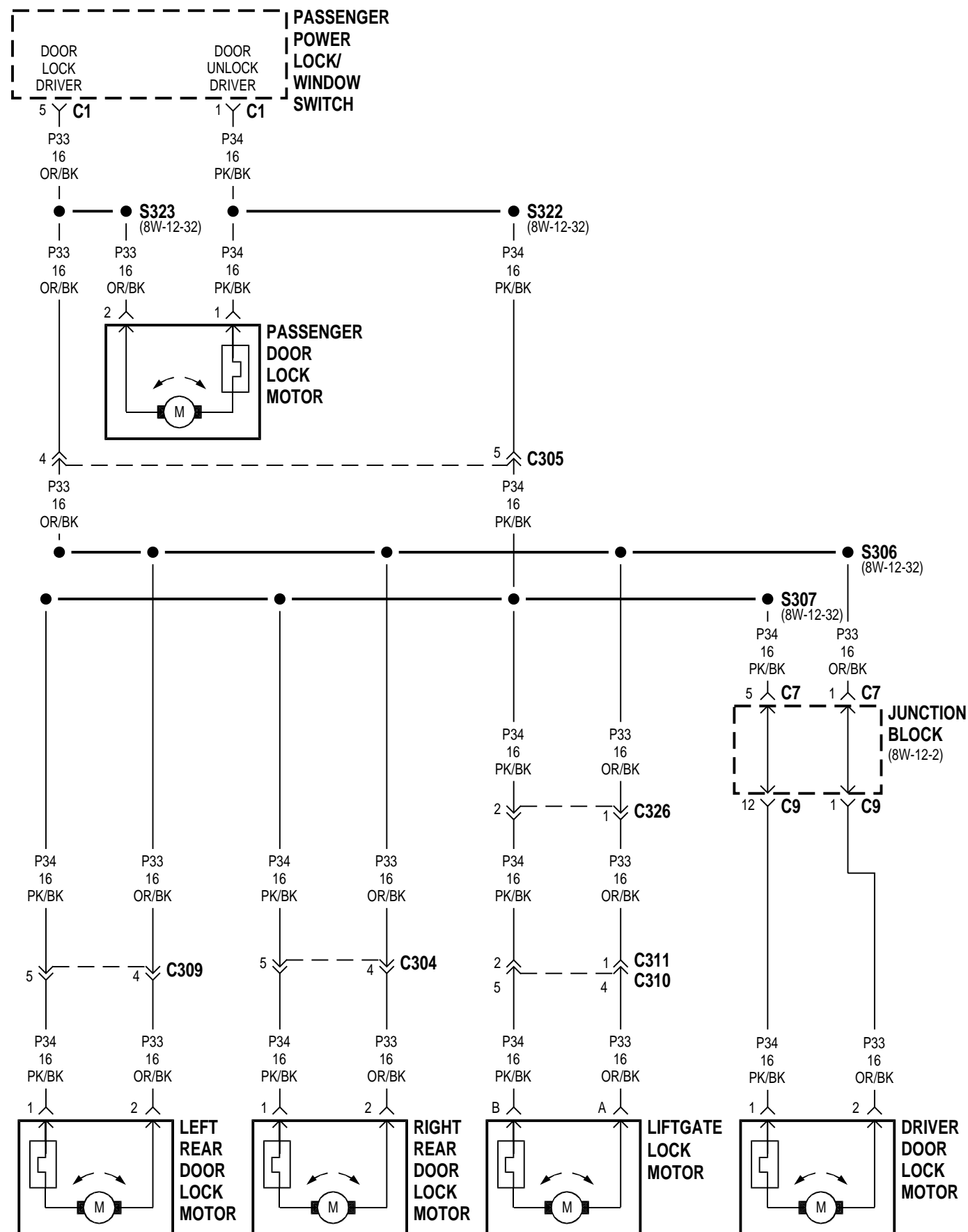


RHD



## LHD



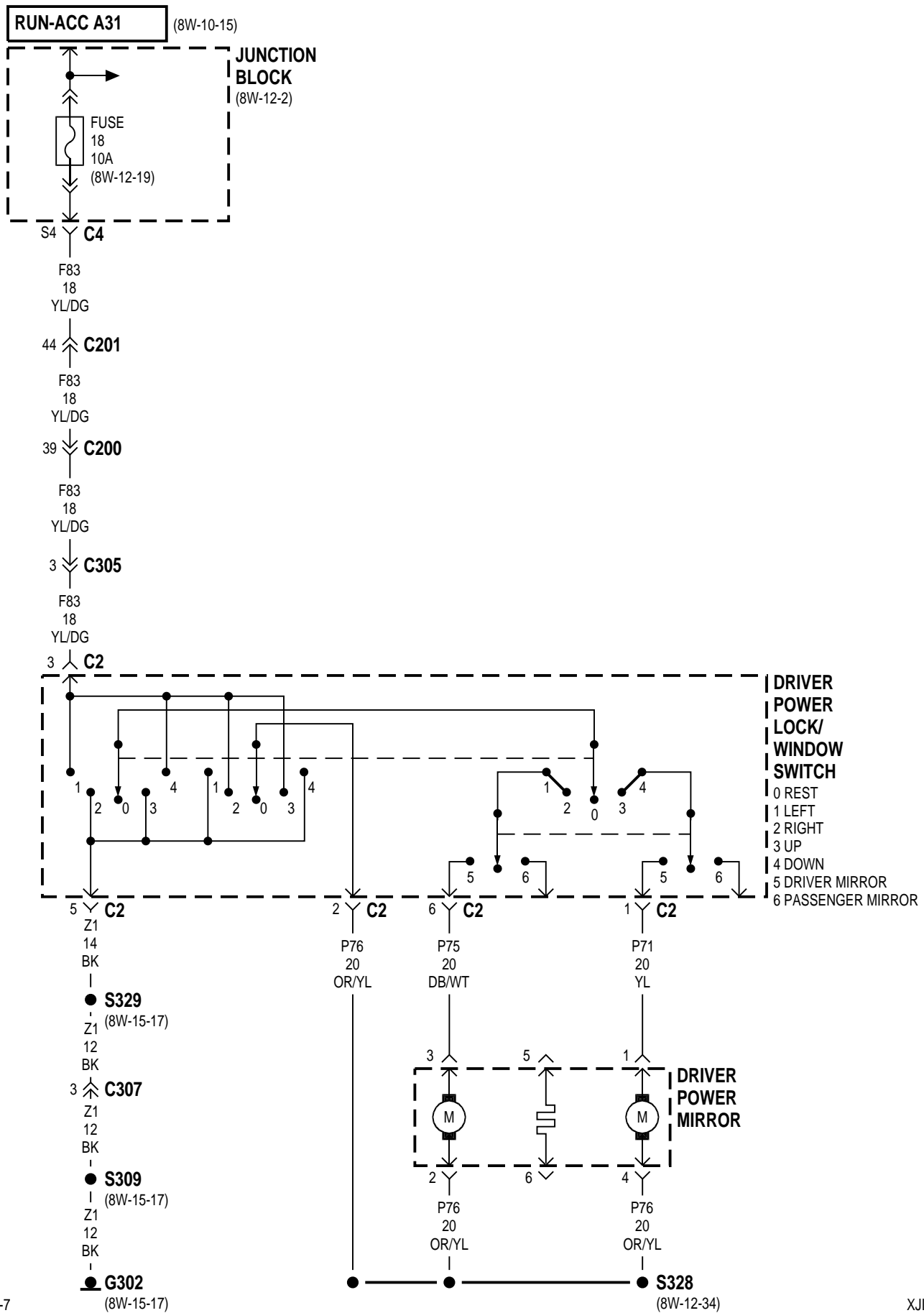


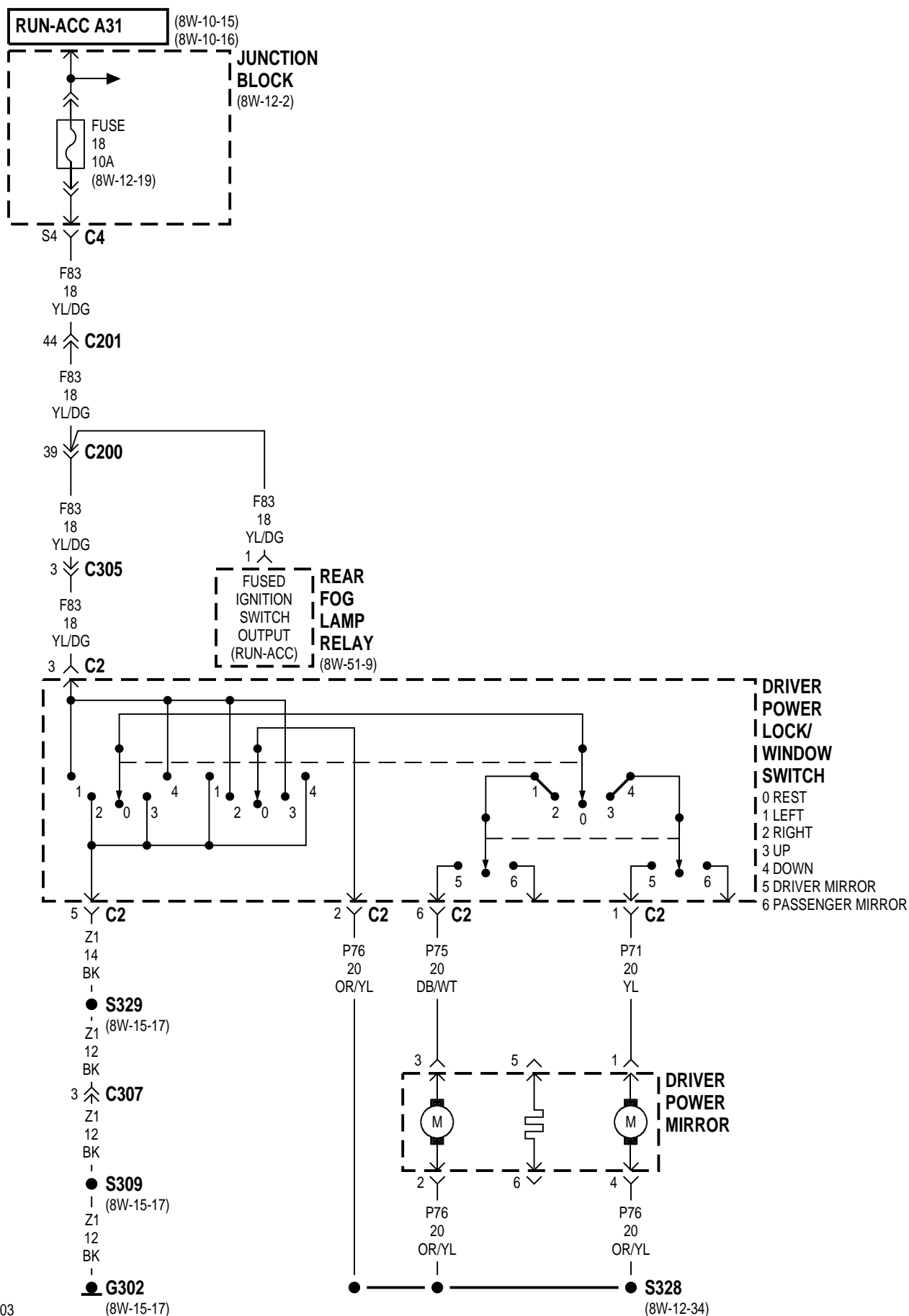


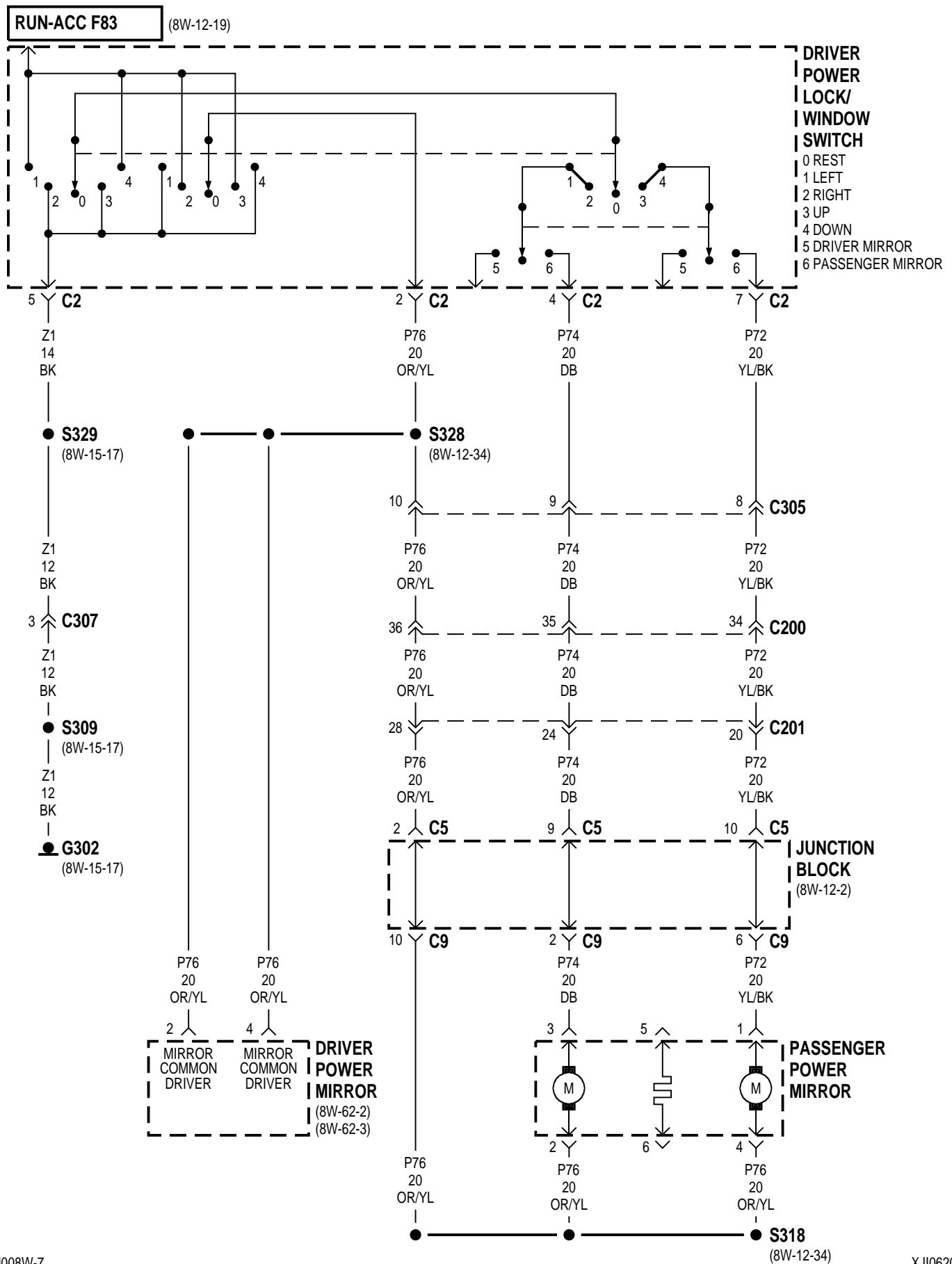
## 8W-62 POWER MIRRORS

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Driver Power Lock/Window		G303 .....	8W-62-5, 6
Switch .....	8W-62-2, 3, 4, 5, 6	Junction Block .....	8W-62-2, 3, 4, 5, 6, 7, 8
Driver Power Mirror .....	8W-62-2, 3, 4, 5, 6, 7, 8	Passenger Power Mirror .....	8W-62-4, 6, 7, 8
Fuse 18 (JB) .....	8W-62-2, 3, 5	Power Mirror Switch .....	8W-62-7, 8
G107 .....	8W-62-8	Rear Fog Lamp Relay .....	8W-62-3
G302 .....	8W-62-2, 3, 4, 7		

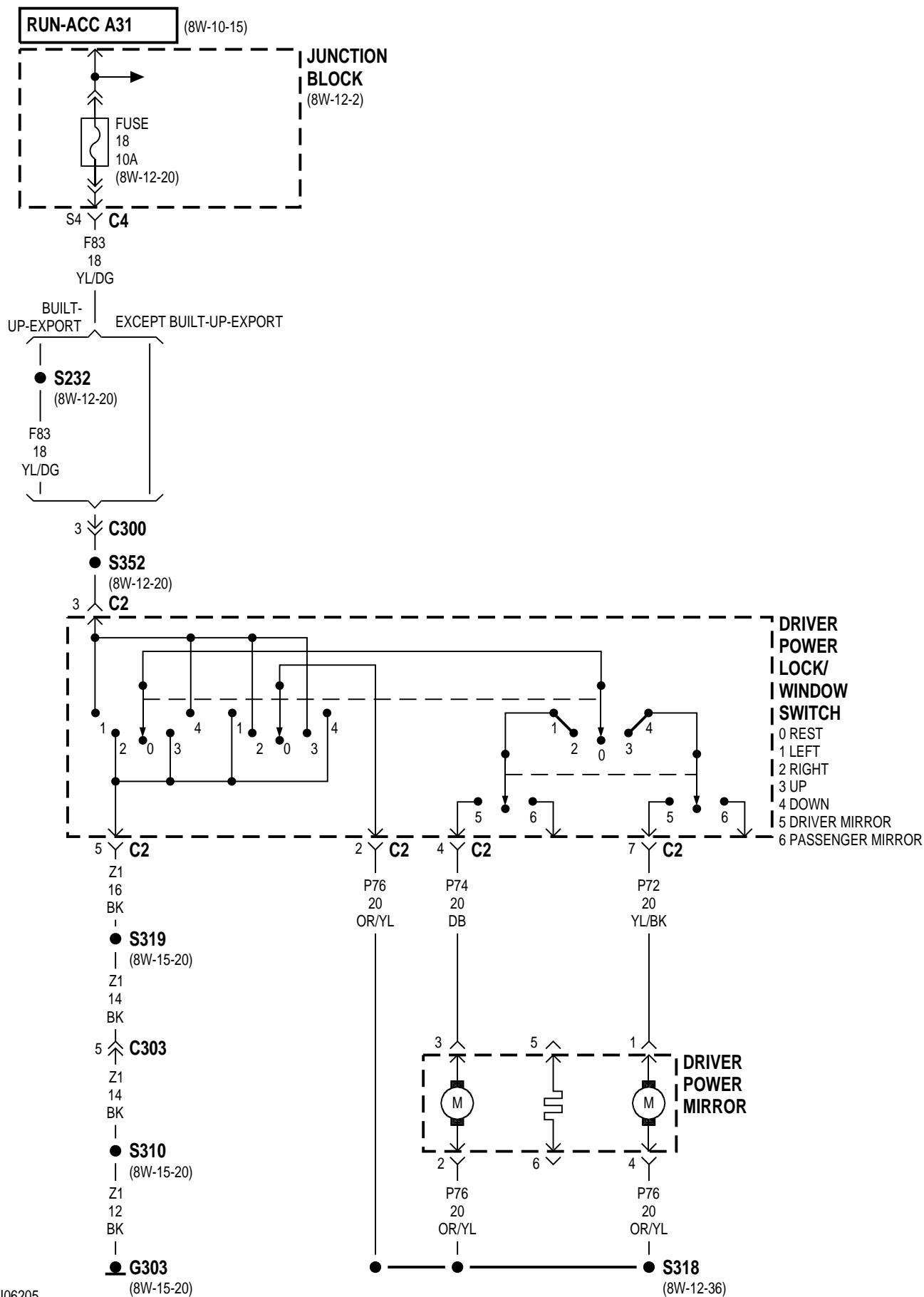
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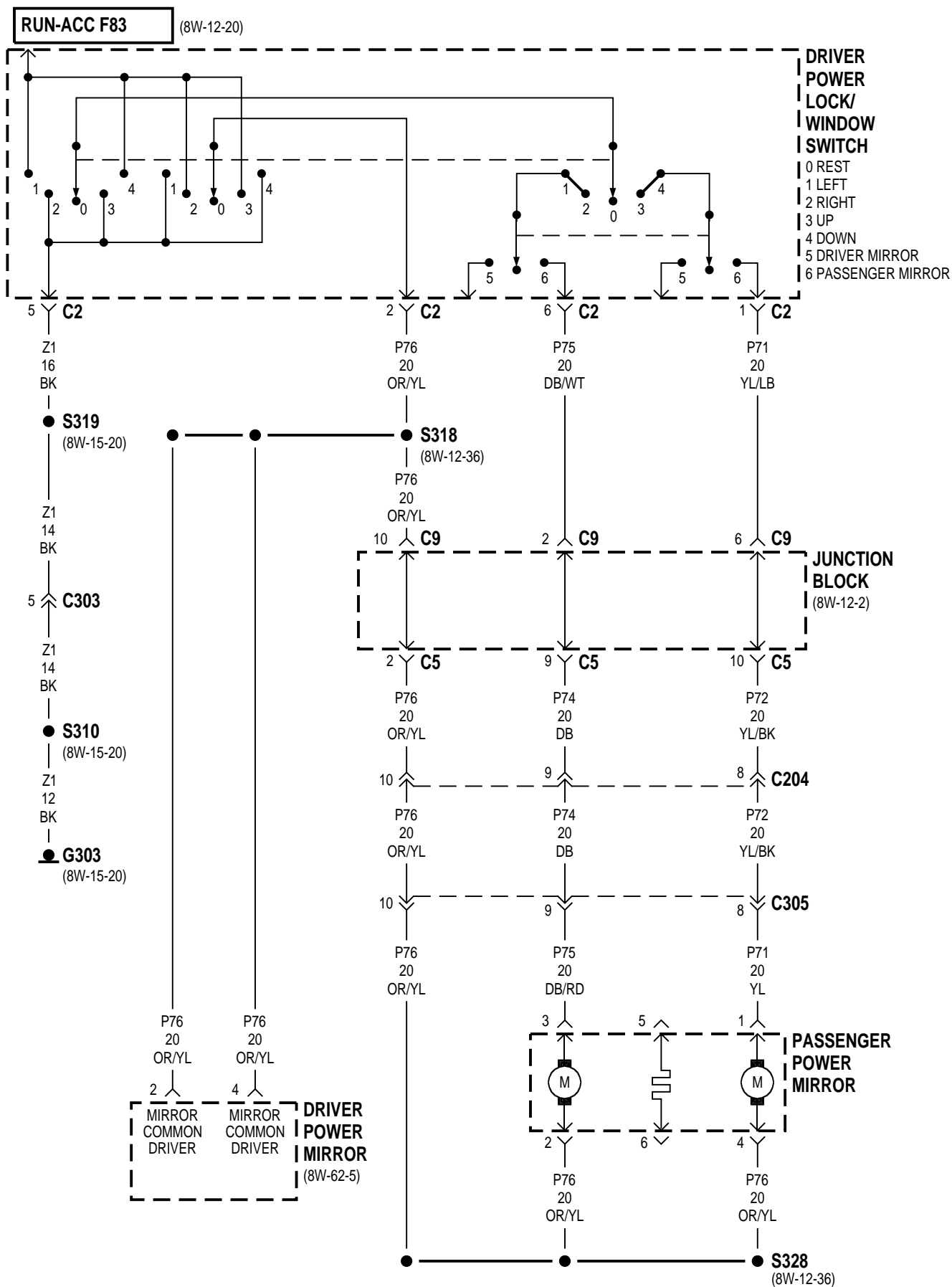


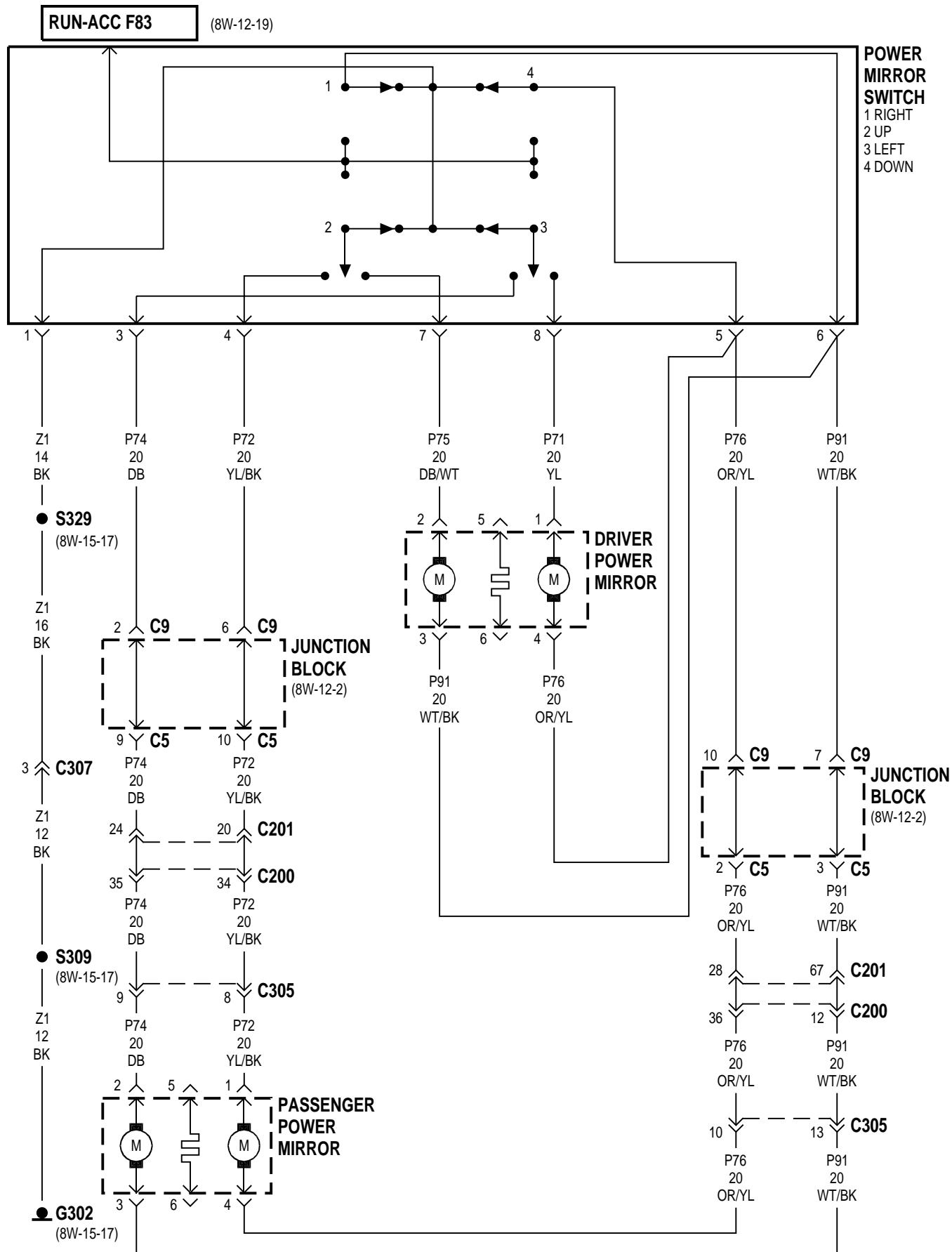


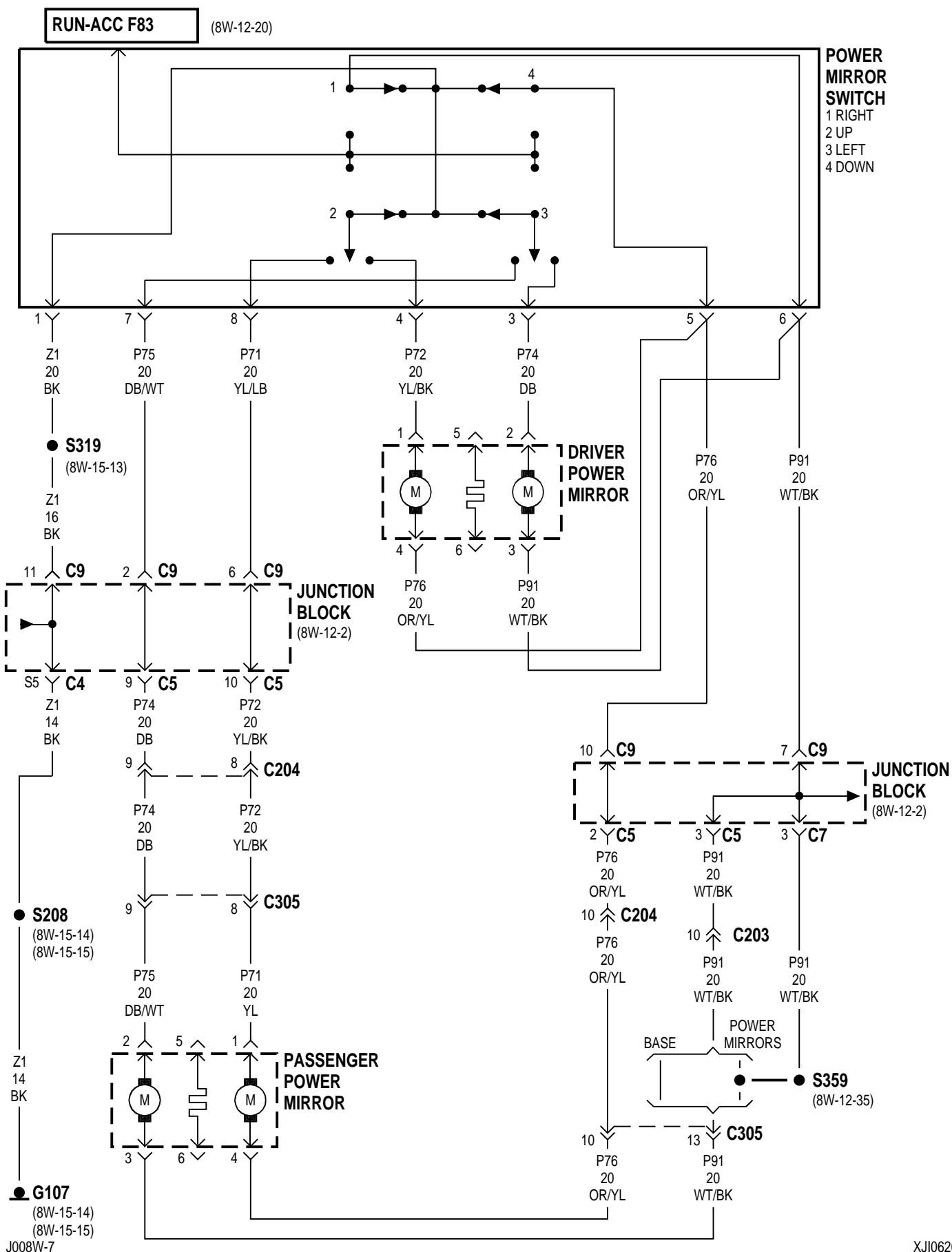






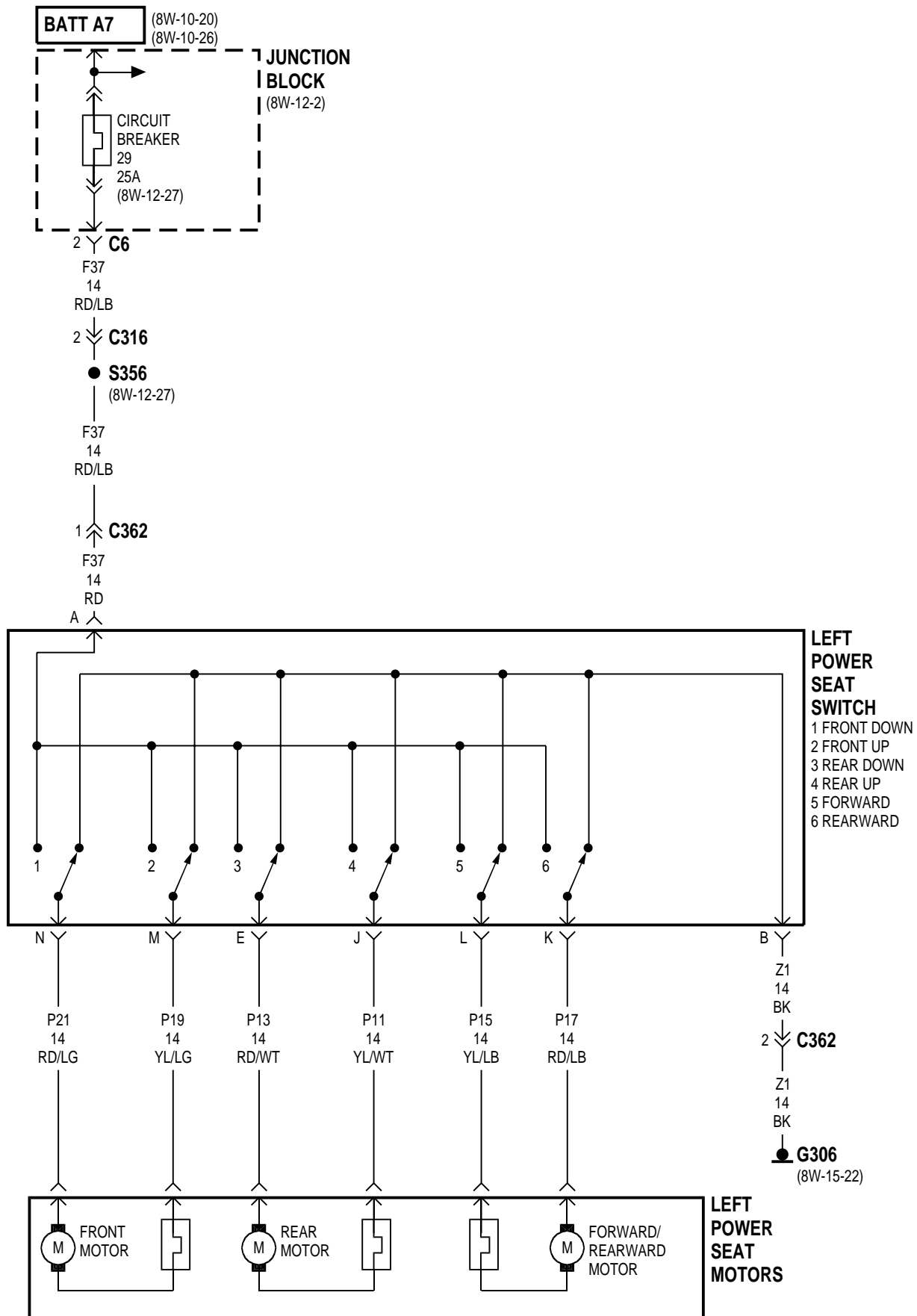


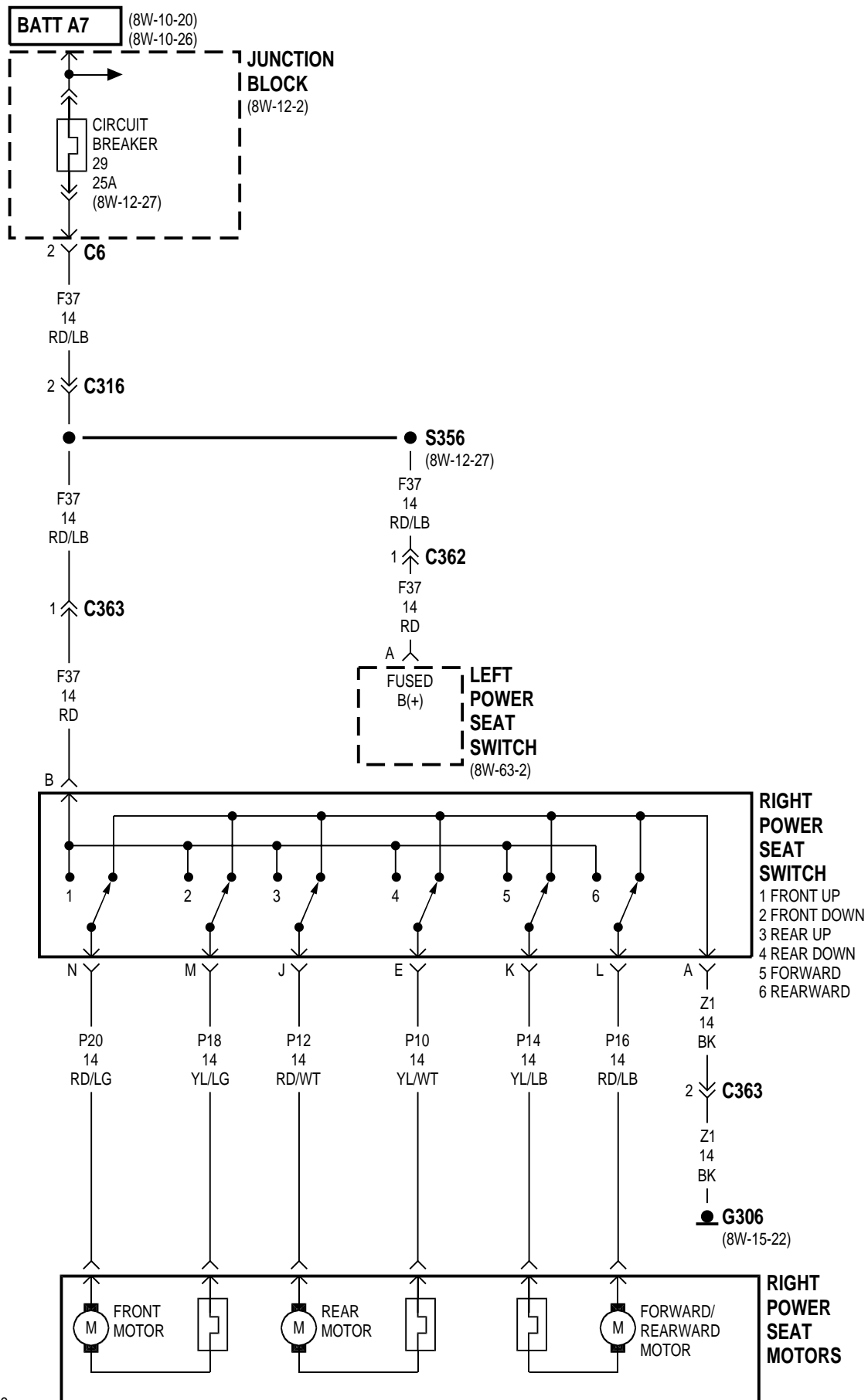


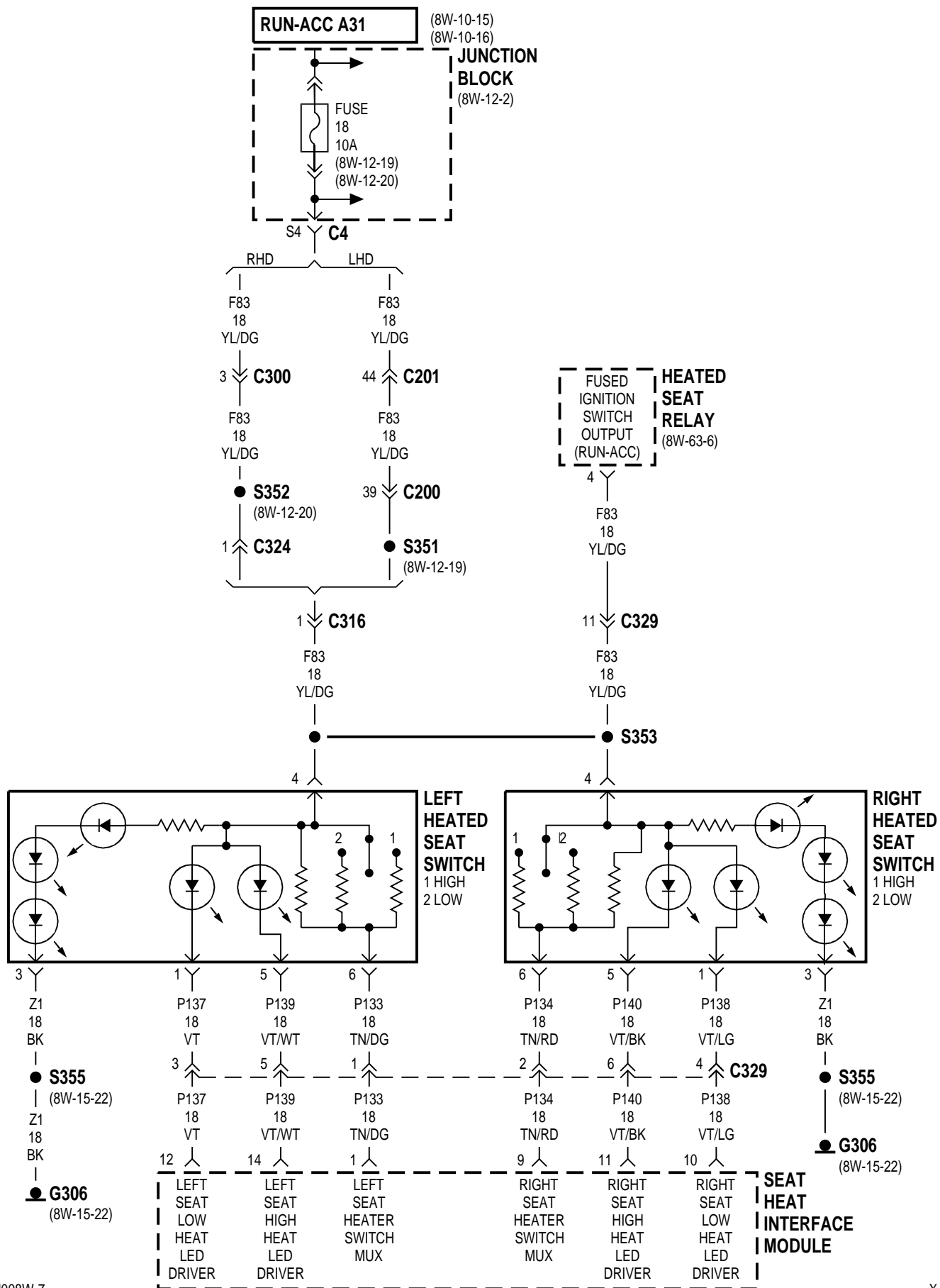


## 8W-63 POWER SEAT

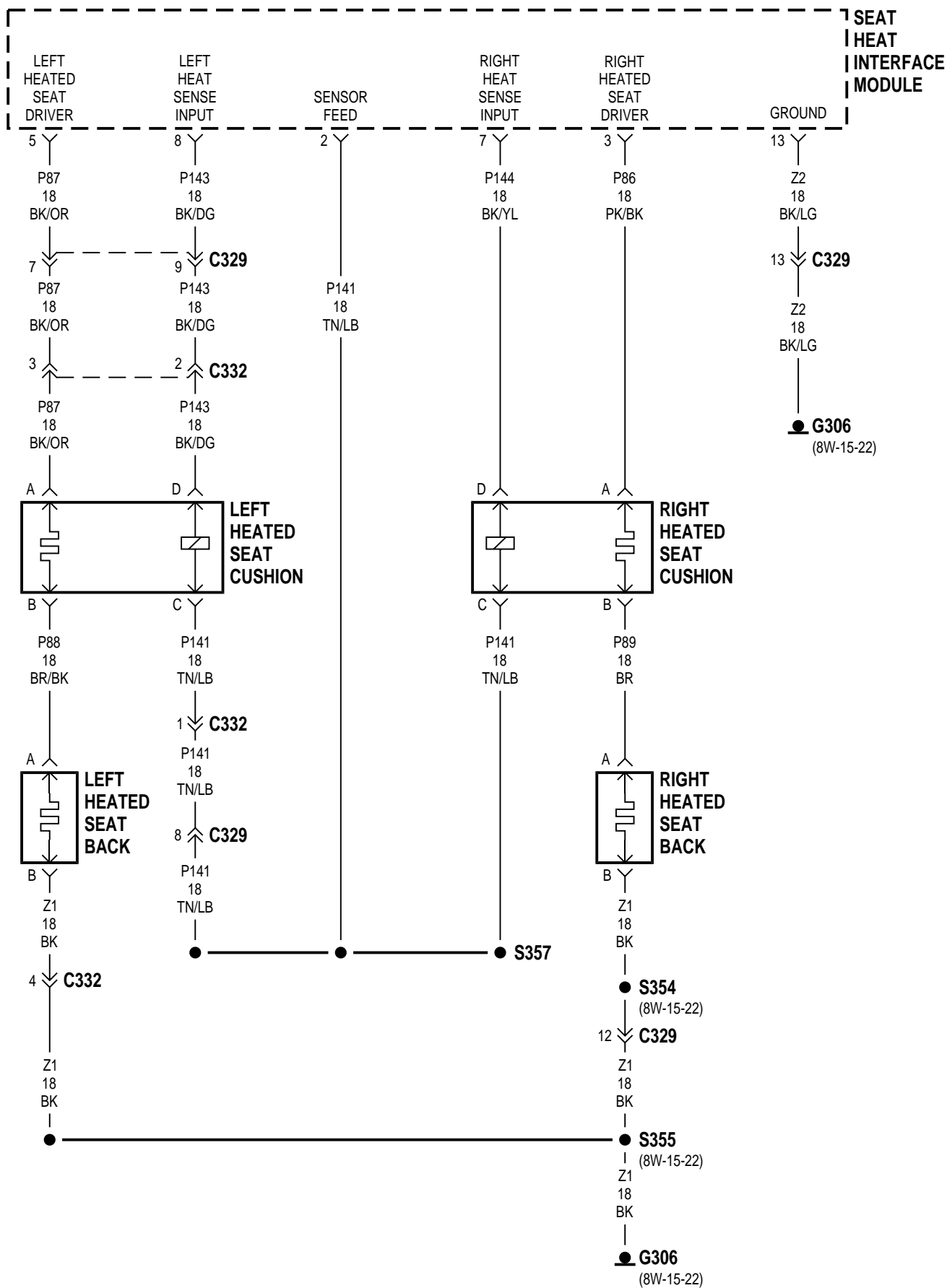
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Circuit Breaker 29 (JB) . . . . .	8W-63-2, 3, 6	Left Power Seat Motors . . . . .	8W-63-2
Forward/Rearward Motor . . . . .	8W-63-2, 3	Left Power Seat Switch . . . . .	8W-63-2, 3, 6
Front Motor . . . . .	8W-63-2, 3	Rear Motor . . . . .	8W-63-2, 3
Fuse 18 (JB) . . . . .	8W-63-4, 6	Right Heated Seat Back . . . . .	8W-63-5
G306 . . . . .	8W-63-2, 3, 4, 5, 6	Right Heated Seat Cushion . . . . .	8W-63-5
Heated Seat Relay . . . . .	8W-63-4, 6	Right Heated Seat Switch . . . . .	8W-63-4
Junction Block . . . . .	8W-63-2, 3, 4, 6	Right Power Seat Motors . . . . .	8W-63-3
Left Heated Seat Back . . . . .	8W-63-5	Right Power Seat Switch . . . . .	8W-63-3, 6
Left Heated Seat Cushion . . . . .	8W-63-5	Seat Heat Interface Module . . . . .	8W-63-4, 5, 6
Left Heated Seat Switch . . . . .	8W-63-4		



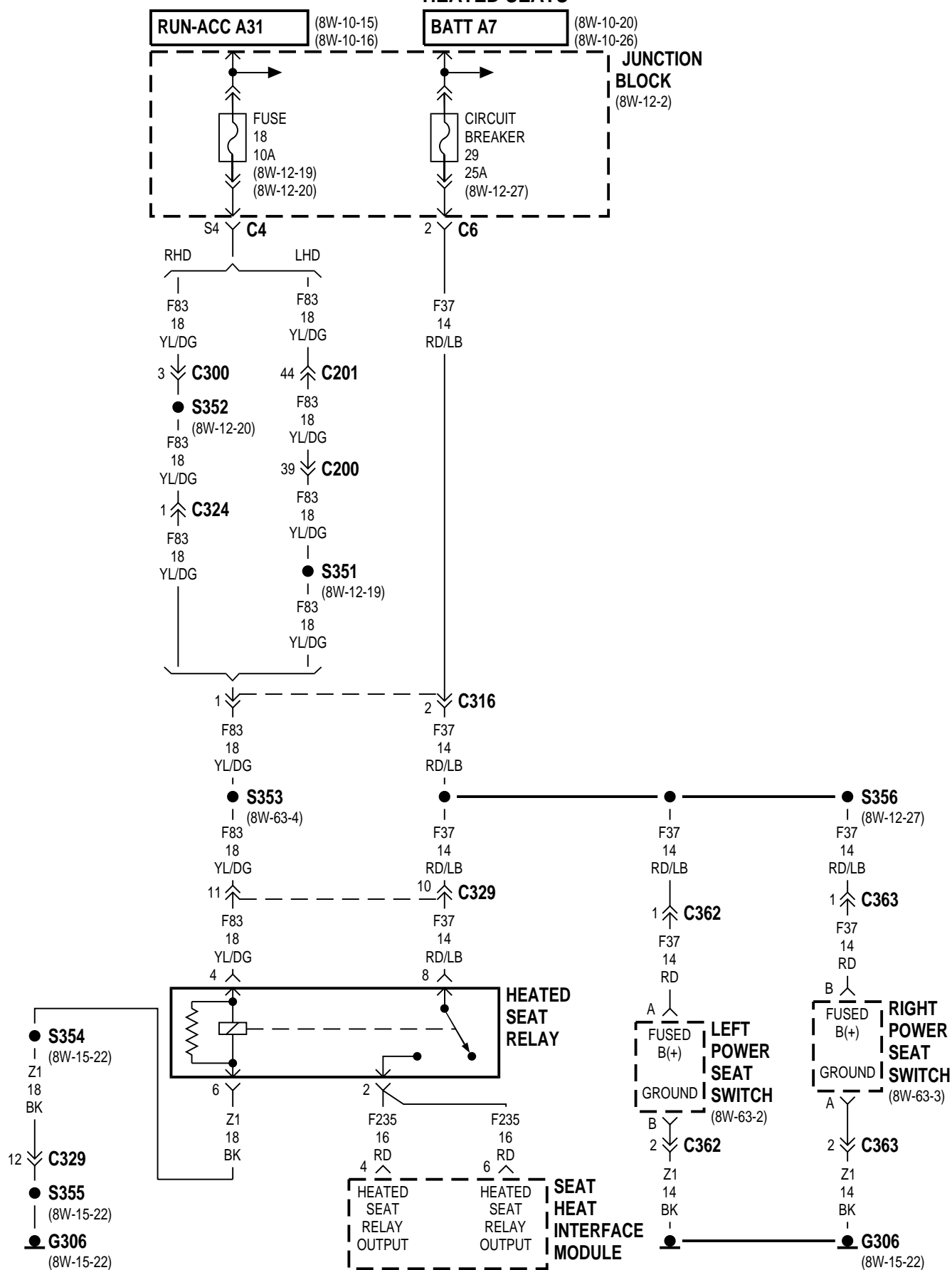






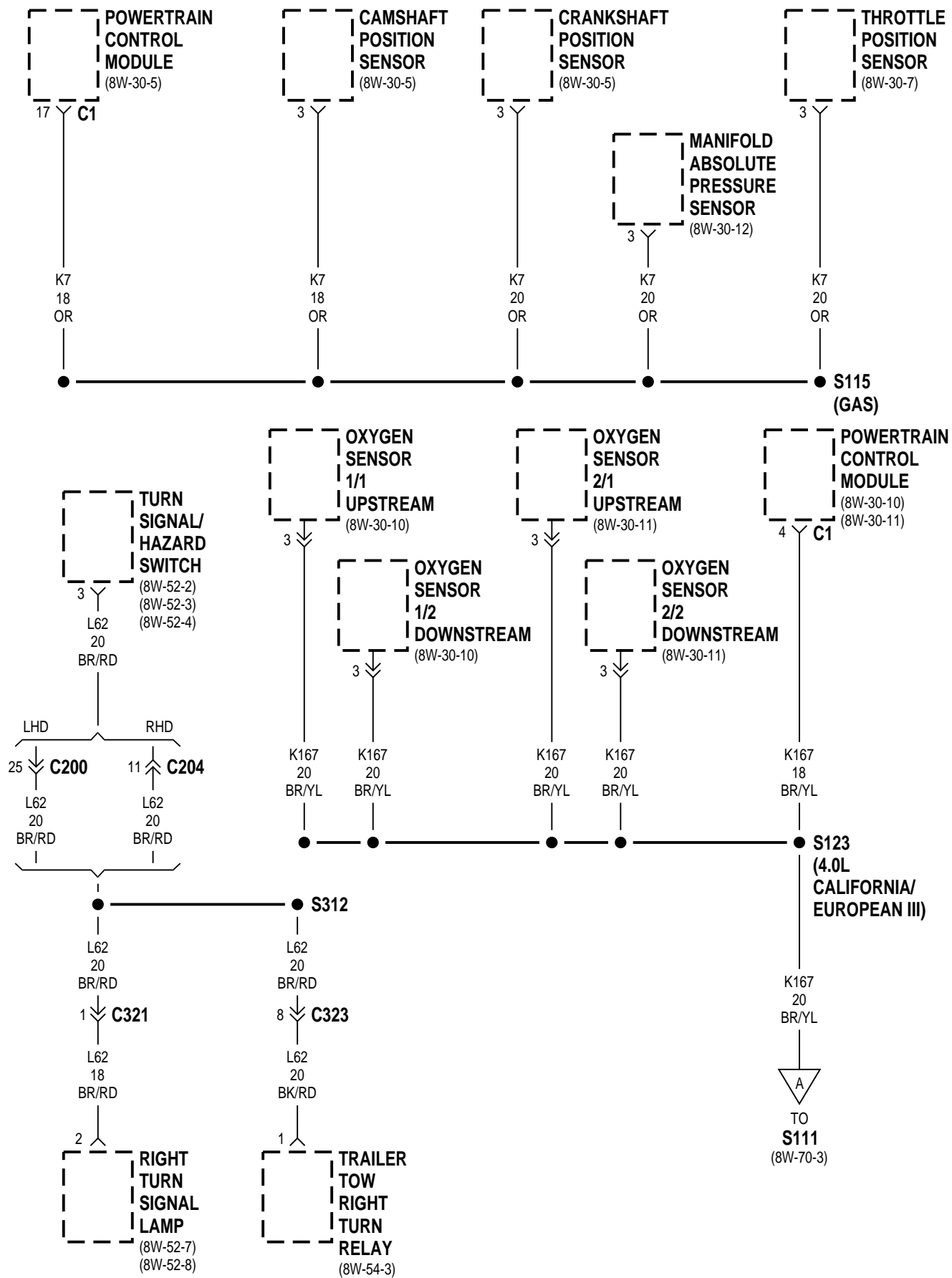


## HEATED SEATS

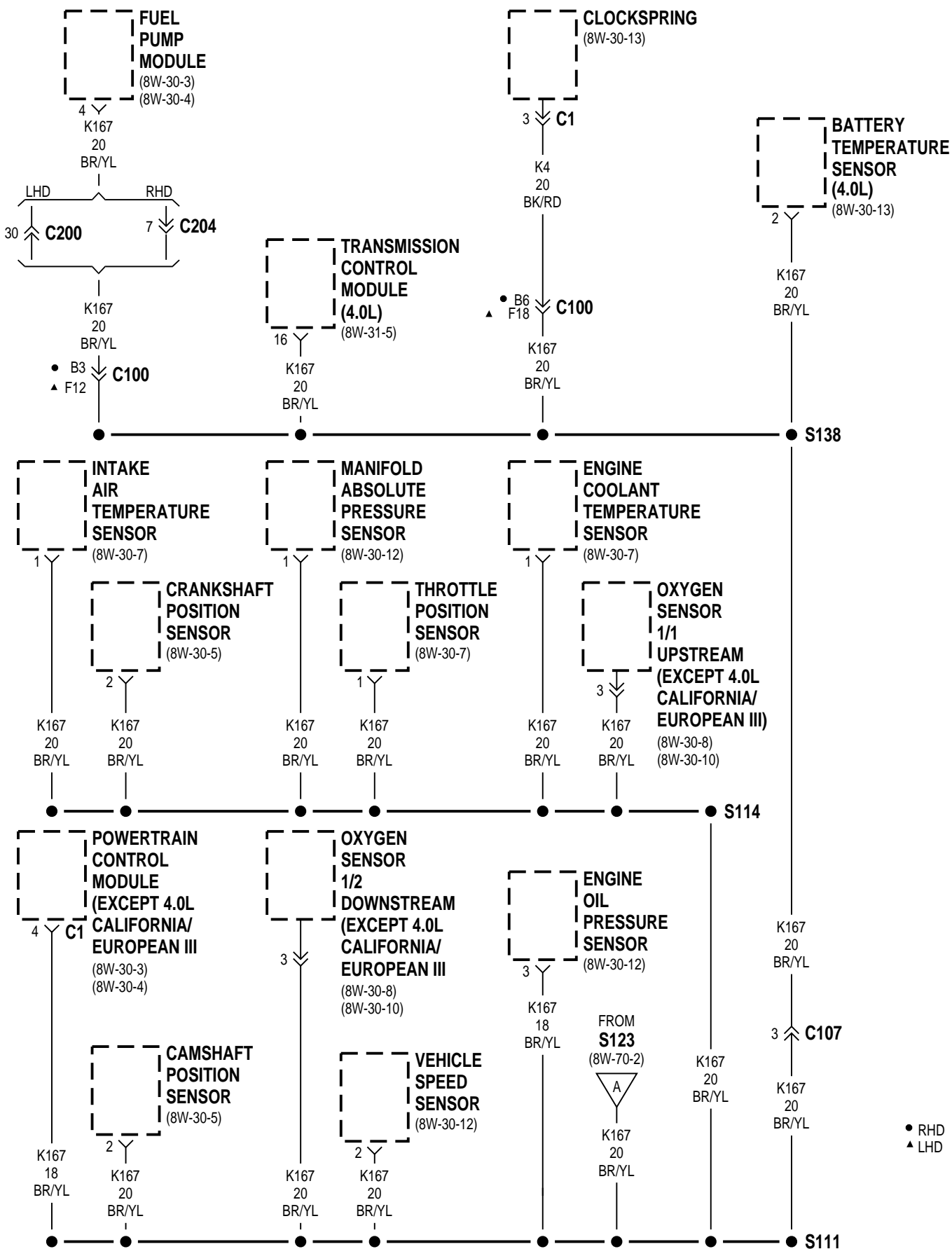


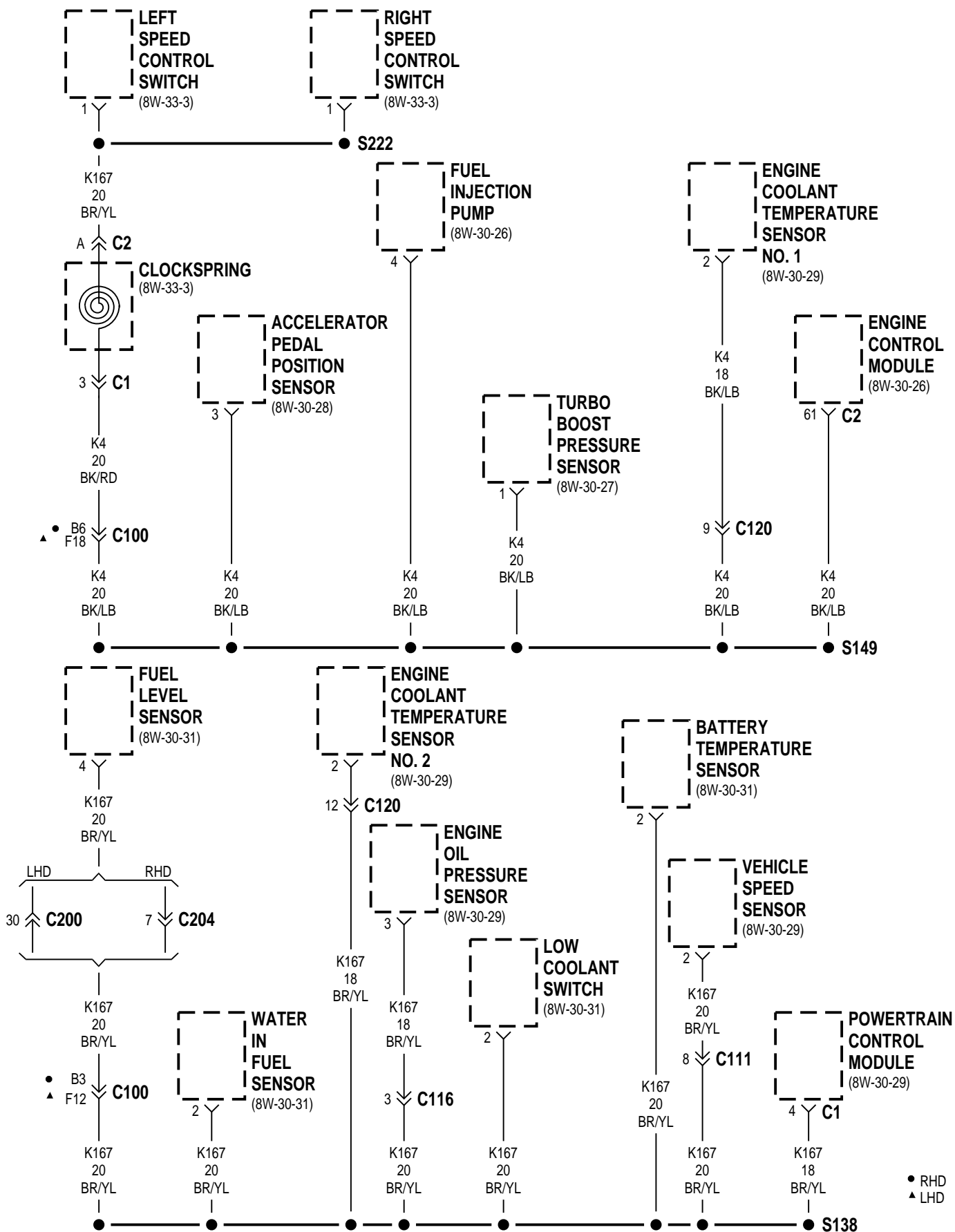
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S110	8W-10-23	S226	8W-50-3
S111	8W-70-3	S227	8W-15-16
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## GAS





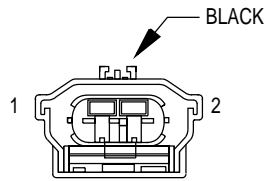
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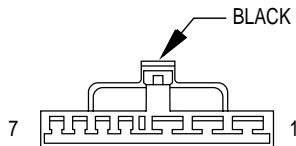


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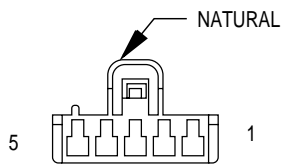
**A/C COMPRESSOR  
CLUTCH  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	C3 14DB/BK	A/C COMPRESSOR CLUTCH RELAY OUTPUT
2	Z1 16BK	GROUND



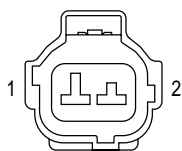
**A/C-HEATER  
CONTROL-C1  
OR  
HEATER  
CONTROL-C1**

CAV	CIRCUIT	FUNCTION
1	Z8 12BK/VT	GROUND
2	C7 12BK/TN	BLOWER MOTOR HIGH DRIVER
3	C6 14LB	BLOWER MOTOR M2 DRIVER
4	C5 14LG	BLOWER MOTOR M1 DRIVER
5	C4 14TN	BLOWER MOTOR LOW DRIVER
6	C90 20LG ▲	A/C SWITCH SENSE
7	E2 20OR ▲▲	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL



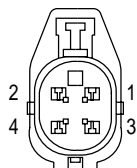
**A/C-HEATER  
CONTROL-C2**

CAV	CIRCUIT	FUNCTION
1	-	-
2	Z1 20BK	GROUND
3	C36 20RD/WT ▲▲▲	BLEND DOOR FEEDBACK SIGNAL
3	C36 18RD/WT ▲▲	BLEND DOOR FEEDBACK SIGNAL
4	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
5	-	-



**A/C HIGH  
PRESSURE  
SWITCH  
(2.5L GAS)**

CAV	CIRCUIT	FUNCTION
1	C22 18DB/WT	A/C SWITCH SENSE
2	C21 20DB/PK	A/C SWITCH SENSE

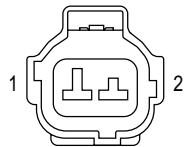


**A/C HIGH  
PRESSURE  
SWITCH  
(4.0L GAS,  
DIESEL)**

CAV	CIRCUIT	FUNCTION
1	C21 20DB/PK	A/C SWITCH SENSE
2	C48 18TN	RADIATOR FAN REQUEST
3	C90 20LG ●	A/C SWITCH SENSE
3	Z1 18BK ●●	GROUND
4	C90 20LG ●	A/C SWITCH SENSE
4	C22 20DB/WT ●●	A/C PRESSURE SWITCH SENSE

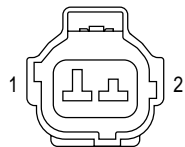
▲ A/C ONLY  
▲▲ RHD  
▲▲▲ LHD

● GAS  
●● DIESEL



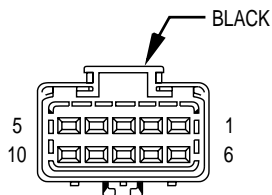
**A/C LOW  
PRESSURE  
SWITCH  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	C21 20DB/PK	A/C SWITCH SENSE



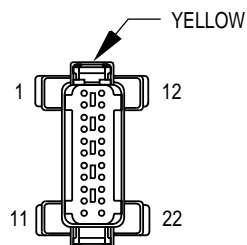
**A/C LOW  
PRESSURE  
SWITCH  
(GAS)**

CAV	CIRCUIT	FUNCTION
1	C21 20DB/PK ◇	A/C SWITCH SENSE
1	C22 18DB/WT ◇◇	PRESSURE SWITCH OUTPUT
2	C90 20LG ◇	A/C SWITCH SENSE
2	C21 20DB/PK ◇◇	A/C SWITCH SENSE



**ACCELERATOR  
PEDAL POSITION  
SENSOR  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K4 20BK/LB	SENSOR GROUND
4	-	-
5	K151 20WT	LOW IDLE POSITION SWITCH SIGNAL
6	-	-
7	K22 20OR/DB	ACCELERATOR PEDAL POSITION SENSOR SIGNAL
8	K255 20WT/DG	ACCELERATOR PEDAL POSITION SENSOR GROUND
9	-	-
10	K6 20VT/WT	5V SUPPLY

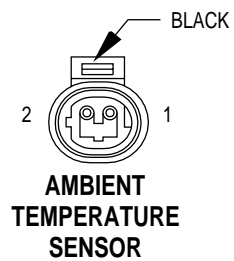


**AIRBAG  
CONTROL  
MODULE**

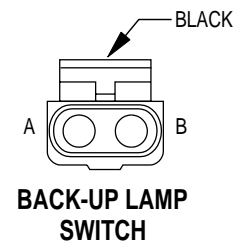
CAV	CIRCUIT	FUNCTION
1	R45 18DG/LB	DRIVER AIRBAG LINE 1
2	R43 18BK/LB	DRIVER AIRBAG LINE 2
3	-	-
4	-	-
5	R42 18BK/YL	PASSENGER AIRBAG LINE 2
6	R44 18DG/YL	PASSENGER AIRBAG LINE 1
7	-	-
8	-	-
9	-	-
10	Z6 18BK/PK •	GROUND
10	Z6 18BK/YL ••	GROUND
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	F23 18DB/YL	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
18	D2 18WT/BK	CCD BUS(-)
19	D1 18VT/BR	CCD BUS(+)
20	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT (RUN)

◇ 2.5L  
◇◇ 4.0L

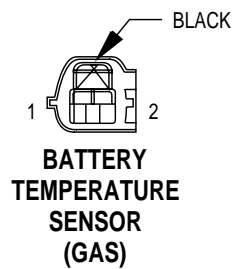
• FULL OPTIONS  
•• BASE



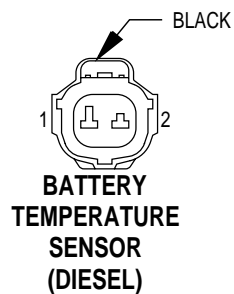
CAV	CIRCUIT	FUNCTION
1	G31 20VT/LG	AMBIENT TEMPERATURE SENSOR SIGNAL
2	G32 20BK/LB	SENSOR GROUND



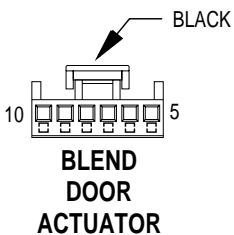
CAV	CIRCUIT	FUNCTION
A	L10 18BR/LG ●●	BACK UP LAMP FEED
A	F20 18WT ●	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
B	L10 18BR/LG ●	BACK UP LAMP FEED
B	F20 18WT ●●	FUSED IGNITION SWITCH OUTPUT (ST-RUN)



CAV	CIRCUIT	FUNCTION
1	K118 18PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL
2	K167 20BR/YL	SENSOR GROUND

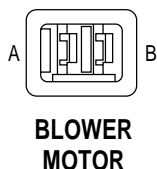


CAV	CIRCUIT	FUNCTION
1	K118 18PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL
2	K167 20BR/YL	SENSOR GROUND

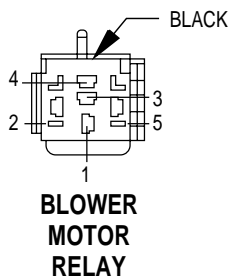


CAV	CIRCUIT	FUNCTION
5	-	-
6	-	-
7	D1 20DB/WT	GROUND
8	D3 20YL	BLEND DOOR FEEDBACK SIGNAL
9	-	-
10	D2 20OR	FUSED IGNITION SWITCH OUTPUT (RUN)

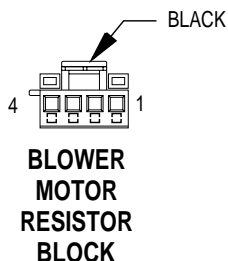
● GAS  
●● DIESEL



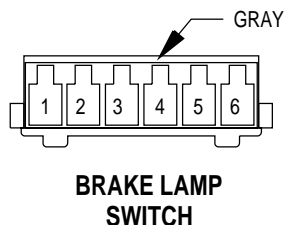
CAV	CIRCUIT	FUNCTION
A	C1 12DG	BLOWER MOTOR RELAY OUTPUT
B	C7 12BK/TN	BLOWER MOTOR HIGH DRIVER



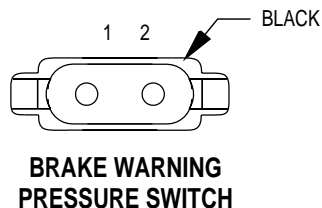
CAV	CIRCUIT	FUNCTION
1	C1 12DG	BLOWER MOTOR RELAY OUTPUT
2	Z1 20BK	GROUND
3	-	-
4	A111 12RD/LG	FUSED B(+)
5	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)



CAV	CIRCUIT	FUNCTION
1	C4 14TN	BLOWER MOTOR LOW DRIVER
2	C5 14LG	BLOWER MOTOR M1 DRIVER
3	C6 14LB	BLOWER MOTOR M2 DRIVER
4	C7 12BK/TN	BLOWER MOTOR HIGH DRIVER

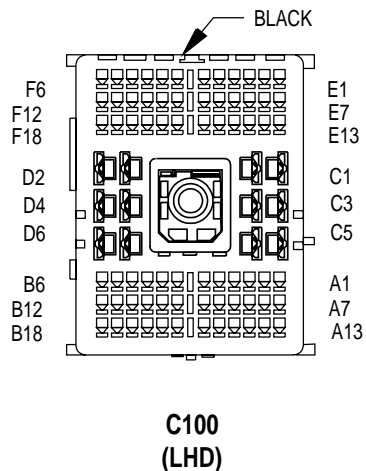


CAV	CIRCUIT	FUNCTION
1	K29 18WT/PK	BRAKE LAMP SWITCH SENSE
2	Z1 18BK	GROUND
3	V32 20YL/RD ▲	SPEED CONTROL POWER SUPPLY
3	V32 18YL/RD ●	SPEED CONTROL POWER SUPPLY
4	V30 20DB/RD	SPEED CONTROL BRAKE SWITCH OUTPUT
5	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT
6	F32 20PK/DB	FUSED B(+)

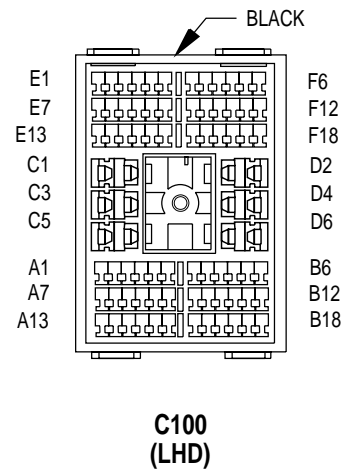


CAV	CIRCUIT	FUNCTION
1	G9 20GY/BK	RED BRAKE WARNING INDICATOR DRIVER
2	G99 20GY/WT	RED BRAKE WARNING INDICATOR DRIVER

● LHD  
▲ RHD



CAV	CIRCUIT
A1	Z1 18BK
A2	G106 20BK/WT ●
A3	G107 20BK/RD
A4	L92 20PK ▲▲
A5	L139 20VT ▲▲
A5	L77 20BR/YL ■■
A6	C90 20LG ■■■
A6	C90 18LG ■■
A7	-
A8	-
A9	-
A10	-
A11	-
A12	-
A13	-
A14	-
A15	-
A16	-
A17	-
A18	-
B1	-
B2	-
B3	-
B4	-
B5	-
B6	-
B7	-
B8	-
B9	-
B10	-
B11	-
B12	-
B13	-
B14	-
B15	-
B16	-
B17	-
B18	-
C1	V3 16BR/WT
C2	A1 12RD
C3	V4 16BR/VT
C4	F75 16VT ▲
C5	V5 16DG/YL
C6	A2 12PK/BK
D1	A3 14RD/WT
D2	A141 14DG/WT ●●
D3	G34 16RD/GY ▲▲▲
D4	G34 16RD/GY
D5	A111 12RD/LG
D6	-



CAV	CIRCUIT
A1	Z1 18BK
A2	G106 20BK/WT ●
A3	G107 20BK/RD
A4	L39 20LB ▲▲
A5	L139 20VT ▲▲
A6	C90 20LG
A7	-
A8	-
A9	-
A10	-
A11	-
A12	-
A13	-
A14	-
A15	-
A16	-
A17	-
A18	-
B1	-
B2	-
B3	-
B4	-
B5	-
B6	-
B7	-
B8	-
B9	-
B10	-
B11	-
B12	-
B13	-
B14	-
B15	-
B16	-
B17	-
B18	-
C1	V3 16BR/WT
C2	A1 12RD
C3	V4 16BR/VT
C4	F75 16VT ▲
C5	V5 16DG/YL
C6	A2 12PK/BK
D1	A3 14RD/WT
D2	A141 16DG/WT ●●
D3	L3 16RD/OR
D4	G34 16RD/GY
D5	A111 12RD/LG
D6	-

(CONTINUED ON NEXT PAGE)

- 4.0L A/T
- GAS
- ▲ POWER AMPLIFIER
- ▲▲ FOG LAMPS
- DRL
- DIESEL
- GAS
- ▲▲▲ EXCEPT DRL

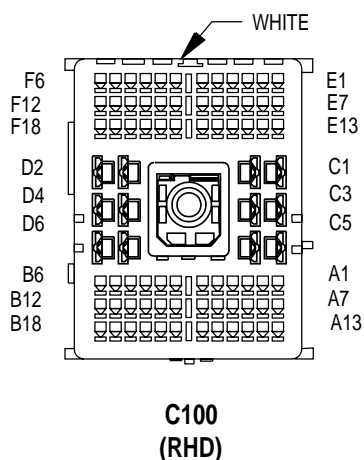
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CAV	CIRCUIT
E1	L50 18WT/TN ▲▲▲
E1	L50 20WT/TN ●●●
E2	G9 20GY/BK
E3	L10 18BR/LG
E4	V10 18BR
E5	V20 18BK/WT
E6	F34 18TN/BK
E7	Z12 20BK/TN ●●●
E7	Z12 18BK/TN
E8	G29 20BK/LB
E9	F20 18WT
E10	F1 20DB/GY ■■■
E11	D1 20VT/BR ●●
E11	D1 18VT/BR ◇◇
E12	D2 20WT/BK ●●
E12	D2 18WT/BK ◇◇
E13	F26 18PK/OR
E14	G99 20GY/WT
E15	K185 20OR/LB
E16	G86 18TN/OR
E17	G154 18VT/LG
E18	L13 20BR/YL ■■
F1	D20 18LG/BK
F2	D21 20PK ◇◇◇
F2	D21 18PK ■
F3	L60 20TN
F4	L61 20LG/WT
F5	L9 20BK/PK
F6	L44 20VT/RD
F7	V30 20DB/RD
F8	F32 20PK/DB
F9	V32 18YL/RD
F10	K29 18WT/PK ▲
F10	K29 20WT/PK ◇
F11	K226 18DB/LG
F12	K167 20BR/YL
F13	G19 20LG/OR ●
F14	G31 20VT/LG
F15	G32 20BK/LB
F16	K78 18GY
F17	V37 20RD/LG ●●●
F17	V37 18RD/LG ▲▲▲
F18	K4 20BK/LB ●●●
F18	K167 20BR/YL ▲▲▲

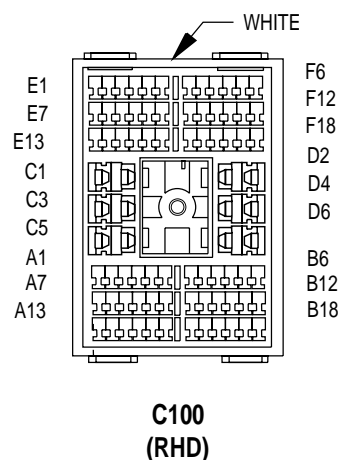
CAV	CIRCUIT
E1	L50 20WT/TN
E2	G9 20GY/BK
E3	L10 18BR/LG
E4	V10 18BR
E5	V20 18BK/WT
E6	F34 18TN/BK
E7	Z12 18BK/TN
E8	G29 20BK/LB
E9	F20 18WT
E10	F1 20DB/GY ■■■
E11	D1 20VT/BR
E12	D2 20WT/BK
E13	-
E14	G99 20GY/WT
E15	K185 20OR/LB
E16	G86 20TN/OR
E17	G154 20VT/LG
E18	L13 20BR/YL ■■
F1	D20 20LG/BK
F2	D21 20PK
F3	L60 20TN
F4	L61 20LG/WT
F5	L9 20BK/PK
F6	L44 20VT/RD ■■
F7	V30 20DB/RD
F8	F32 20PK/DB
F9	V32 18YL/RD
F10	K29 20WT/PK
F11	K226 20DB/LG
F12	K167 20BR/YL
F13	G19 20LG/OR ●
F14	G31 20VT/LG
F15	G32 20BK/LB
F16	K78 20GY
F17	V37 20RD/LG
F18	K4 20BK/RD

■ 2.5L GAS  
 ■ ■ HEADLAMP LEVELING  
 ■ ■ ■ SENTRY KEY IMMOBILIZER MODULE  
 ◇ 4.0L A/T / DIESEL  
 ◇ ◇ EXCEPT 4.0L A/T  
 ◇ ◇ ◇ EXCEPT 2.5L GAS

● ABS  
 ● ● 4.0L A/T  
 ● ● ● DIESEL  
 ▲ EXCEPT 4.0L A/T / EXCEPT DIESEL  
 ▲ ▲ SPEED CONTROL (GAS)  
 ▲ ▲ ▲ GAS



CAV	CIRCUIT
A1	Z1 18BK
A2	G106 20BK/WT ●●
A3	G107 20BK/RD
A4	L92 20PK ●●●
A5	L77 20BR/YL ●●●■
A5	L139 20VT ●●●■
A6	C90 20LG ■
A6	C90 18LG ■■
A7	Z12 18BK/TN
A8	G29 20BK/LB
A9	F20 18WT
A10	G99 20GY/WT
A11	D1 18VT/BR ▼▼
A11	D1 20VT/BR ●●
A12	D2 18WT/BK ▼▼
A12	D2 20WT/BK ●●
A13	-
A14	G9 20GY/BK
A15	L10 18BR/LG
A16	V10 18BR
A17	V20 18BK/WT
A18	F34 18TN/BK
B1	K29 18WT/PK ■
B1	K29 20WT/PK ■■
B2	K226 18DB/LG
B3	K167 20BR/YL
B4	L50 18WT/TN ■
B4	L50 20WT/TN ■■
B5	V37 18RD/LG ■
B5	V37 20RD/LG ■■
B6	K167 20BR/YL ■
B6	K4 20BK/LB ■■
B7	D20 18LG/BK
B8	D21 18PK ▲▲
B8	D21 20PK
B9	L60 20TN
B10	L61 20LG/WT
B11	L9 20BK/PK
B12	L44 20VT/RD
B13	-
B14	-
B15	-
B16	-
B17	-
B18	-
C1	V3 16BR/WT
C2	A1 12RD
C3	V4 16BR/VT
C4	F75 16VT ▲▲▲
C5	V5 16DG/YL
C6	A2 12PK/BK
D1	A3 14RD/WT
D2	A141 14DG/WT
D3	-
D4	-
D5	A111 12RD/LG
D6	-



CAV	CIRCUIT
A1	Z1 18BK
A2	G106 20BK/WT ●●
A3	G107 20BK/RD
A4	L39 20LB ●●●
A5	L139 20VT ●●●
A6	C90 20LG
A7	Z12 18BK/TN
A8	G29 20BK/LB
A9	F20 18WT
A10	G99 20GY/WT
A11	D1 20VT/BR
A12	D2 20WT/BK
A13	-
A14	G9 20GY/BK
A15	L10 18BR/LG
A16	V10 18BR
A17	V20 18BK/WT
A18	F34 18TN/BK
B1	K29 18WT/PK
B2	K226 20DB/LG
B3	K167 20BR/YL
B4	L50 20WT/TN
B5	V37 20RD/LG
B6	K4 20BK/RD
B7	D20 20LG/BK
B8	D21 20PK
B9	L60 20TN
B10	L61 20LG/WT
B11	L9 20BK/PK
B12	L44 20VT/RD ▼
B13	-
B14	-
B15	-
B16	-
B17	-
B18	-
C1	V3 16BR/WT
C2	A1 12RD
C3	V4 16BR/VT
C4	F75 16VT ▲▲▲
C5	V5 16DG/YL
C6	A2 12PK/BK
D1	A3 14RD/WT
D2	A141 16DG/WT
D3	-
D4	-
D5	A111 12RD/LG
D6	-

(CONTINUED ON NEXT PAGE)

■ GAS  
 ■■ DIESEL  
 ▲ ABS  
 ▲▲ 2.5L  
 ▲▲▲ POWER AMP  
 ● DRL  
 ●● 4.0L A/T  
 ●●● FOG LAMPS  
 ▼ HEADLAMP LEVELING  
 ▼▼ EXCEPT 4.0L A/T

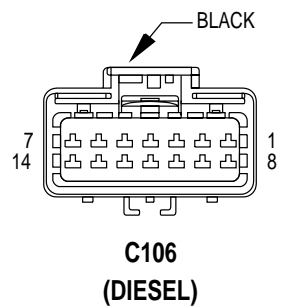


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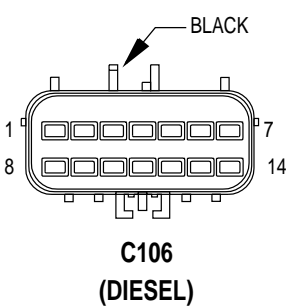
CAV	CIRCUIT
E1	-
E2	-
E3	-
E4	-
E5	-
E6	-
E7	F45 20YL/RD
E8	T141 20YL
E9	-
E10	F1 20DB/GY ●●
E11	-
E12	-
E13	-
E14	-
E15	K185 20OR/LB ■
E16	G86 18TN/OR ■
E17	G154 18VT/LG ■
E18	L13 20BR/YL ▲
F1	D20 18LG/BK
F2	-
F3	-
F4	-
F5	-
F6	-
F7	V30 20DB/RD
F8	F32 20PK/DB
F9	V32 18YL/RD
F10	-
F11	-
F12	-
F13	G19 20LG/OR ●
F14	G31 20VT/LG
F15	G32 20BK/LB
F16	-
F17	-
F18	-

CAV	CIRCUIT
E1	-
E2	-
E3	-
E4	-
E5	-
E6	-
E7	F45 20YL/RD
E8	T141 20YL
E9	-
E10	F1 20DB/GY ●●
E11	-
E12	-
E13	-
E14	-
E15	K185 20OR/LB ■
E16	G86 20TN/OR ■
E17	G154 20VT/LG ■
E18	L13 20BR/YL ▲
F1	-
F2	-
F3	-
F4	-
F5	-
F6	-
F7	V30 20DB/RD
F8	F32 20PK/DB
F9	V32 20YL/RD
F10	-
F11	-
F12	-
F13	G19 20LG/OR
F14	G31 20VT/LG
F15	G32 20BK/LB
F16	-
F17	-
F18	-

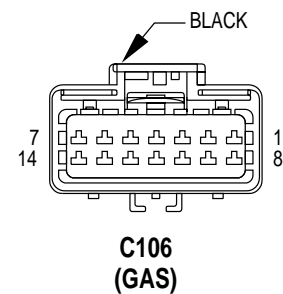
- ABS
- SENTRY KEY IMMOBILIZER MODULE
- MESSAGE CENTER
- ▲ HEADLAMP LEVELING



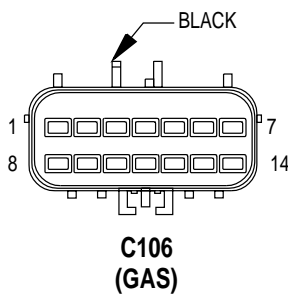
CAV	CIRCUIT
1	L13 20BR/YL **
2	L33 20RD
3	L61 20LG/WT
4	Z1 20BK
5	Z15 16BK/GY **
6	L34 20RD/OR
7	L77 20BR/YL
8	L39 20LB ▽▽▽
9	L43 20VT
10	L60 20TN
11	Z1 20BK/WT
12	-
13	L44 20VT/RD
14	L78 18DG/YL



CAV	CIRCUIT
1	L13 18BR/YL **
2	L33 18RD
3	L61 20LG
4	Z1 18BK
5	Z15 18BK/GY **
6	L34 18RD/OR
7	L77 20BR
8	L39 20LB ▽▽▽
9	L43 18VT
10	L60 20TN
11	Z1 18BK/WT
12	Z1 20BK ▽
13	L44 18VT/RD
14	L78 20DG/YL

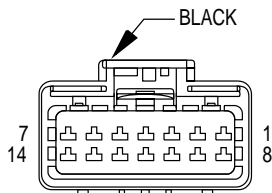


CAV	CIRCUIT
1	L13 20BR/YL **
2	L33 20RD
3	L61 20LG/WT
4	Z1 20BK
5	Z15 16BK/GY **
6	L34 20RD/OR
7	L77 20BR/YL
8	L39 20LB ▽
9	L43 20VT
10	L60 20TN
11	Z1 20BK/WT
12	L33 20RD/WT
13	L44 20VT/RD
14	L78 20DG/YL



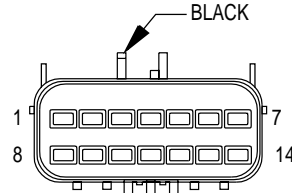
CAV	CIRCUIT
1	L13 18BR/YL **
2	L33 18RD
3	L61 20LG
4	Z1 18BK
5	Z15 18BK/GY **
6	L34 18RD/OR
7	L77 20BR
8	L39 20LB ▽
9	L43 18VT
10	L60 20TN
11	Z1 18BK ▲
11	Z1 18BK/WT ▲▲
12	L33 20RD ▽▽
12	Z1 20BK ▲▲
13	L44 18VT/RD
14	L78 20DG/YL

- ▽ FOG LAMPS
- ▽▽ FOG LAMPS EXCEPT BUILT-UP-EXPORT
- ▽▽▽ FOG LAMPS BUILT-UP-EXPORT
- ▲ EXCEPT BUILT-UP-EXPORT
- ▲▲ BUILT-UP-EXPORT
- RHD
- \* EXCEPT ABS
- \*\* HEADLAMP LEVELING



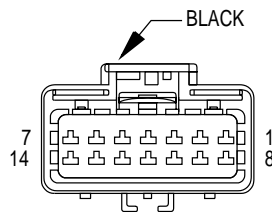
**C107**  
(LHD 2.5L GAS)

CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR ■■
5	T41 20BK/WT
6	-
7	F142 18DG/WT
8	G107 20BK/RD
9	-
10	F12 18DB/WT
11	F20 18WT
12	-
13	-
14	A61 16DG/BK



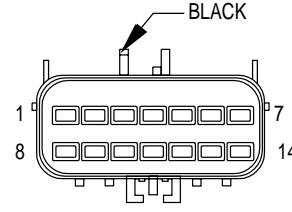
**C107**  
(LHD 2.5L GAS)

CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR ■■
5	Z1 20 BK ●●
5	T41 18BK/WT ●
6	-
7	F142 20DG/WT
8	G107 20BK/RD
9	-
10	F12 18DB/WT
11	F20 18WT
12	L10 18BR/LG
13	-
14	A61 14DG/BK



**C107**  
(LHD 4.0L GAS)

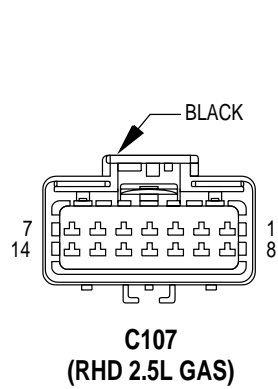
CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR ■■
5	T41 20BK/WT ●
5	Z1 18BK ●●
6	K22 20OR/DB ▲
7	A42 18DG
8	G107 20BK/RD ◄►
9	Z12 18BK/TN ▲
10	F12 18DB/WT
11	K78 18GY ▼▼▼
12	G106 20BK/WT ◄►
13	A242 18VT/OR
14	A61 16DG/BK



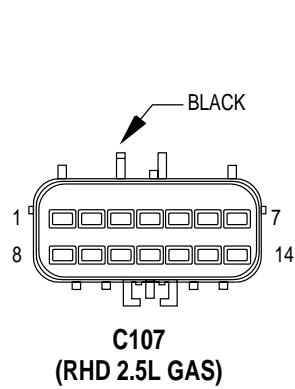
**C107**  
(LHD 4.0L GAS)

CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR ■■
5	T41 18BK/WT
6	K22 20OR/DB ▲
7	A42 20DG
8	G107 20BK/RD ◄►
9	Z12 16BK/TN ▲
10	F12 18DB/WT
11	K78 18GY ▲
12	G106 20BK/WT ▲▲
13	A242 20VT/OR ▼▼
13	A242 20DG/OR ▼
14	A61 14DG/BK

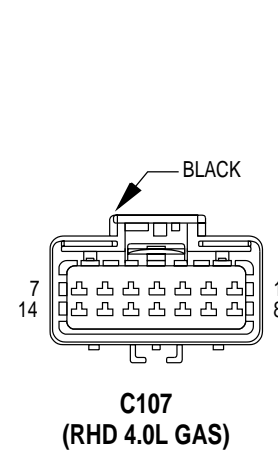
- ▲ 4.0L A/T
- ◄► 4WD
- A/T
- M/T
- ▲▲ 4WD A/T
- EXCEPT 4.0L M/T 2WD
- DRL
- ▼ 2WD CALIFORNIA, BUILT-UP-EXPORT
- ▼▼ 4WD CALIFORNIA, BUILT-UP-EXPORT
- ▼▼▼ EXTENDED IDLE



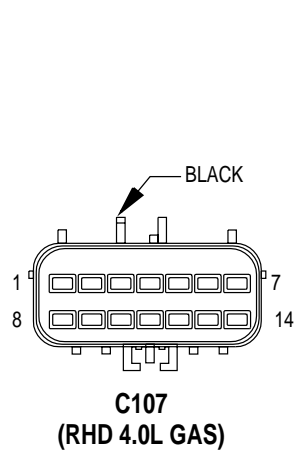
CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	-
5	T41 20BK/WT
6	-
7	F142 18DG/WT
8	G107 20BK/RD
9	-
10	F12 18DB/WT
11	F20 18WT
12	L10 18BR/LG
13	-
14	A61 16DG/BK



CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR ■■
5	Z1 20 BK ●●
5	T41 18BK/WT ●
6	-
7	F142 20DG/WT
8	G107 20BK/RD
9	-
10	F12 18DB/WT
11	F20 18WT
12	L10 18BR/LG
13	-
14	A61 14DG/BK

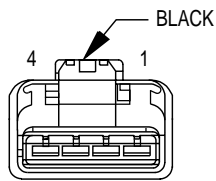


CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR
5	T41 20BK/WT ●
5	Z1 18BK ●●
6	K22 20OR/DB ■
7	A42 18DG
8	G107 20BK/RD ◀▶
9	Z12 18BK/TN ■
10	F12 18DB/WT
11	-
12	G106 20BK/WT
13	A242 18VT/OR
14	A61 16DG/BK



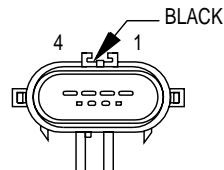
CAV	CIRCUIT
1	A142 18DG/OR
2	K20 18DG
3	K167 20BR/YL
4	G7 20WT/OR ■■
5	T41 18BK/WT
6	K22 20OR/DB ▲
7	A42 20DG
8	G107 20BK/RD ◀▶
9	Z12 16BK/TN ▲
10	F12 18DB/WT
11	-
12	G106 20BK/WT ▲▲
13	A242 20VT/OR ▼▼
13	A242 20DG/OR ▼
14	A61 14DG/BK

- ▲ 4.0L A/T
- ◀▶ 4WD
- A/T
- M/T
- ▲▲ 4WD A/T
- 4.0L GAS (EXCEPT M/T 2WD)
- DRL
- ▼ 2WD CALIFORNIA/BUILT-UP-EXPORT
- ▼▼ 4WD CALIFORNIA/BUILT-UP-EXPORT



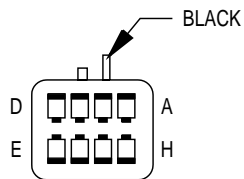
**C108**  
(GAS)

CAV	CIRCUIT
1	T40 16BR
2	K72 18DG/OR
3	K20 18DG
4	C3 16DB/BK



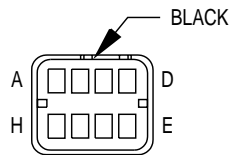
**C108**  
(GAS)

CAV	CIRCUIT
1	T40 16BR
2	K72 16DG/OR
3	K20 16DG
4	C3 16DB/BK



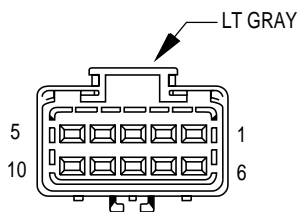
**C109**

CAV	CIRCUIT
A	B41 18YL/VT
B	B42 18TN/WT
C	B43 18PK/OR
D	B1 18YL/DB
E	B2 18YL
F	B3 18LG/DB
G	B4 18LG



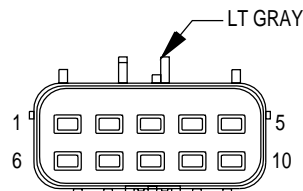
**C109**

CAV	CIRCUIT
A	B41 20YL/VT
B	B42 20TN/WT
C	B43 20PK/OR
D	B1 20YL/DB
E	B2 20YL
F	B3 20LG/DB
G	B4 20LG



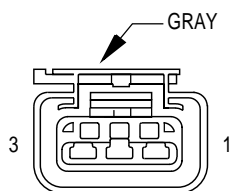
**C111**  
(DIESEL)

CAV	CIRCUIT
1	G7 20WT/OR
2	-
3	G107 20BK/RD
4	Z1 18BK
5	L10 18BR/LG
6	K7 20OR
7	F20 18WT
8	K167 20BR/YL
9	-
10	T40 16BR



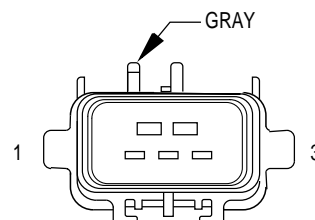
**C111**  
(DIESEL)

CAV	CIRCUIT
1	G7 18WT/OR
2	-
3	G107 20BK/RD
4	Z1 20BK
5	L10 18BR/LG
6	K7 18OR
7	F20 18WT
8	K167 18BR/YL
9	-
10	T40 14BR



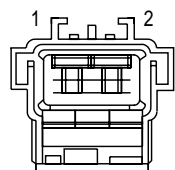
**C112**  
(4.0L A/T 4WD)

CAV	CIRCUIT
1	Z1 20BK
2	G106 20BK/WT
3	G107 20BK/RD



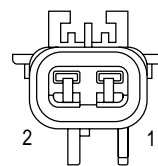
**C112**  
(4.0L A/T 4WD)

CAV	CIRCUIT
1	Z1 20BK
2	G106 20BK/WT
3	G107 20BK/RD



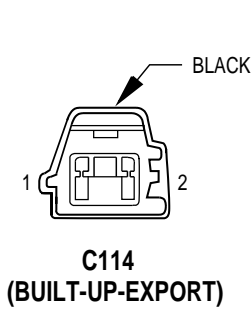
**C113**  
(GAS M/T)

CAV	CIRCUIT
1	F20 18WT
2	L10 18BR/LG

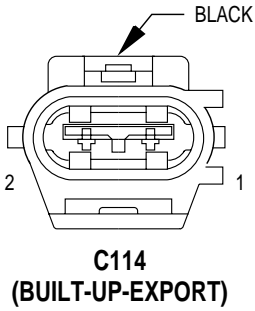


**C113**  
(GAS M/T)

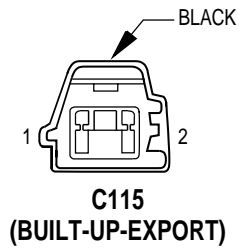
CAV	CIRCUIT
1	F20 18WT
2	L10 18BR/LG



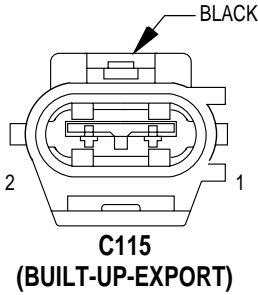
CAV	CIRCUIT
1	L61 18LG
2	Z1 18BK



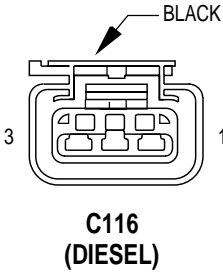
CAV	CIRCUIT
1	L61 18GY
2	Z1 18BK



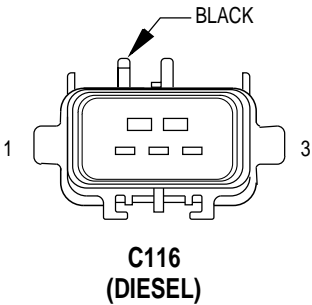
CAV	CIRCUIT
1	L60 18TN
2	Z1 18BK



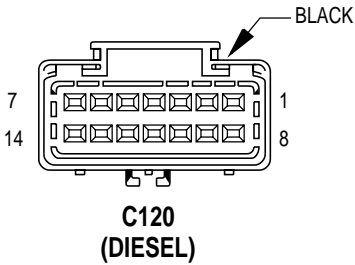
CAV	CIRCUIT
1	L60 18GY
2	Z1 18BK



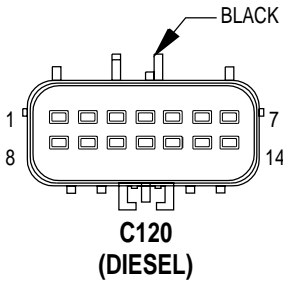
CAV	CIRCUIT
1	K7 20OR
2	G60 18GY/YL
3	K167 20BR/YL



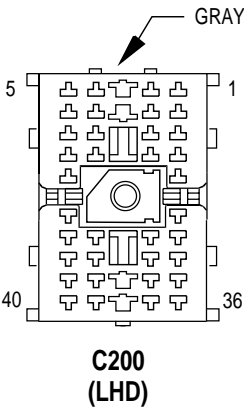
CAV	CIRCUIT
1	K7 18OR
2	G60 18GY/YL
3	K167 18BR/YL



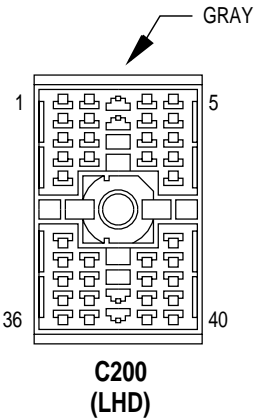
CAV	CIRCUIT
1	K3 20LG/BK
2	C21 20DB/PK
3	C22 20DB/WT
4	K24 20GY/BK
5	K20 18DG
6	C3 16DB/BK
7	K72 18DG/OR
8	K2 20TN/BK
9	K4 20BK/LB
10	K222 18TN/RD
11	Z1 16BK
12	K167 18BR/YL
13	C48 18TN
14	-



CAV	CIRCUIT
1	K3 20LG/BK
2	C21 20DB/PK
3	C22 20DB/WT
4	K24 20GY/BK
5	K20 18DG
6	C3 14DB/BK
7	K72 18DG/OR
8	K2 18TN/BK
9	K4 18BK/LB
10	K222 18TN/RD
11	Z1 16BK
12	K167 18BR/YL
13	C48 18TN
14	-

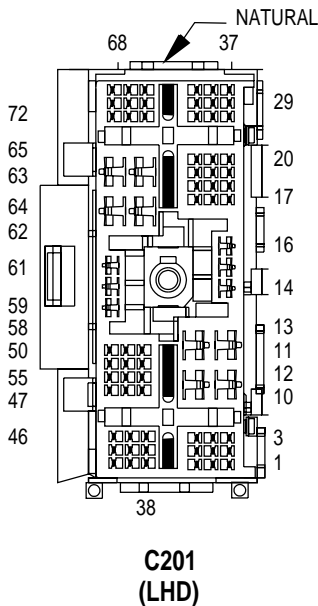


CAV	CIRCUIT
1	X53 18DG
2	X55 18BR/RD
3	-
4	X54 18VT
5	X56 18DB/RD
6	X51 18BR/YL
7	X57 18BR/LB
8	-
9	X52 18DB/WT
10	X58 18DB/OR
11	X60 18DG/RD ●
12	P91 20WT/BK
13	A141 16DG/WT
14	F75 14VT ●
15	K226 20DB/LG
16	L10 18BR/LG
17	G16 20BK/LB
18	-
19	-
20	-
21	-
22	-
23	L38 18BR/WT
24	L50 20WT/TN
25	L62 20BR/RD
26	L63 20DG/RD
27	V13 18BR
28	V20 18BK/WT
29	V23 18BR/PK
30	K167 20BR/YL
31	P35 20OR/VT ●●
32	P36 20PK/VT ●●
33	F81 12TN ●●
34	P72 20YL/BK
35	P74 20DB
36	P76 20OR/YL
37	C16 20LB/YL
38	-
39	F83 18YL/DG
40	G78 20TN/BK

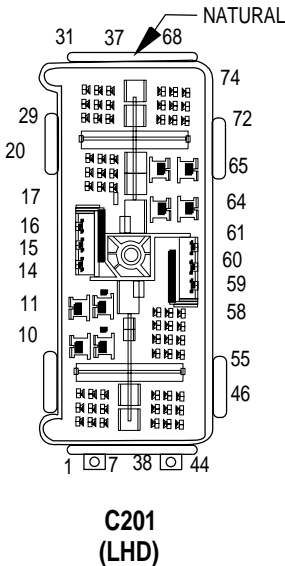


CAV	CIRCUIT
1	X53 16DG
2	X55 16BR/RD
3	-
4	X54 16VT
5	X56 16DB/RD
6	X51 16BR/YL
7	X57 16BR/LB
8	-
9	X52 16DB/WT
10	X58 16DB/OR
11	X60 16DG/RD ●
12	P91 20WT/BK
13	A141 16DG/WT
14	F75 16VT ●
15	K226 20DB/LG
16	L10 18BR/LG
17	G16 20BK/LB
18	-
19	-
20	-
21	-
22	-
23	L38 18BR/WT ▲
24	L50 20WT/TN
25	L62 20BR/RD
26	L63 20DG/RD
27	V13 18BR/LG
28	V20 18BK/WT
29	V23 18BR/PK
30	K167 20BR/YL
31	P35 20OR/VT ●●
32	P36 20PK/VT ●●
33	F81 12TN ●●
34	P72 20YL/BK
35	P74 20DB
36	P76 20OR/YL
37	C16 20LB/YL
38	-
39	F83 18YL/DG
40	G78 20TN/BK

- FULL OPTIONS (WITH POWER AMPLIFIER)
- FULL OPTIONS
- ▲ BUILT-UP-EXPORT



CAV	CIRCUIT
1	F20 18WT
2	C16 20LB/YL
3	L5 20BK
4	C36 20RD/WT
5	F87 20WT/BK
6	M1 20PK
7	Z1 20BK
8	V6 16DB
9	P36 20PK/VT
10	A31 12BK/WT
11	A111 12RD/LG
12	C7 12BK/TN
13	F81 12TN
14	Z1 14BK
15	-
16	L3 16RD/OR
17	C81 20LB/WT
18	-
19	-
20	P72 20YL/BK
21	-
22	L4 16VT/WT
23	P35 20OR/VT
24	P74 20DB
25	Z8 20BK/VT
26	X3 20BK/RD
27	-
28	P76 20OR/YL
29	G26 20LB
30	-
31	-
32	G31 20VT/LG
33	-
34	-
35	G32 20BK/LB
36	-
37	-
38	-
39	V23 18BR/PK
40	F15 20DB/WT
41	-
42	E1 20TN
43	E2 20OR



CAV	CIRCUIT
1	F20 18WT
2	C16 20LB/YL
3	L5 20BK
4	C36 20RD/WT
5	F87 20WT/BK
6	M1 20PK
7	Z1 20BK
8	V6 16DB
9	P36 20PK/VT
10	A31 12BK/WT
11	A111 12RD/LG
12	C7 12BK/TN
13	F81 12TN
14	Z1 14BK
15	-
16	L3 16RD/OR
17	C81 20LB/WT
18	-
19	-
20	P72 20YL/BK
21	-
22	L4 16VT/WT
23	P35 20OR/VT
24	P74 20DB
25	Z8 16BK/VT
26	X3 20BK/RD
27	-
28	P76 20OR/YL
29	G26 20LB
30	-
31	-
32	G31 20VT/LG
33	-
34	-
35	G32 20BK/LB
36	-
37	-
38	-
39	V23 18BR/PK
40	F15 20DB/WT
41	-
42	E1 20TN
43	E2 20OR

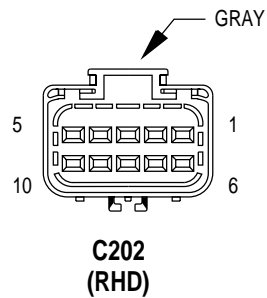
(CONTINUED)



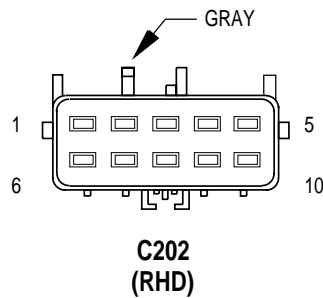
(CONTINUED)

CAV	CIRCUIT
44	F83 18YL/DG
45	L7 18BK/YL
46	M2 20YL
47	-
48	-
49	-
50	F30 16RD
51	D1 18VT/BR
52	D2 18WT/BK
53	-
54	X12 16RD/WT
55	D1 20VT/BR
56	D2 20WT/BK
57	-
58	Z2 20BK/LG
59	C4 14TN
60	C5 14LG
61	C6 14LB
62	A22 12BK/OR
63	A41 14YL
64	A21 12DB
65	F38 16RD/LB
66	G9 20GY/BK
67	P91 20WT/BK
68	-
69	G10 20LG/RD
70	-
71	-
72	-
73	-
74	-

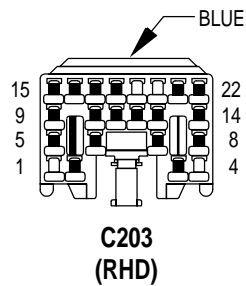
CAV	CIRCUIT
44	F83 18YL/DG
45	L7 18BK/YL
46	M2 20YL
47	-
48	-
49	-
50	F30 16RD
51	D1 20VT/BR
52	D2 20WT/BK
53	-
54	X12 16RD/WT
55	D1 20VT/BR
56	D2 20WT/BK
57	-
58	Z2 20BK/LG
59	C4 14TN
60	C5 14LG
61	C6 14LB
62	A22 12BK/OR
63	A41 14YL
64	A21 12DB
65	F38 16RD/LB
66	G9 20GY/BK
67	P91 20WT/BK
68	-
69	G10 20LG/RD
70	-
71	-
72	-
73	-
74	-



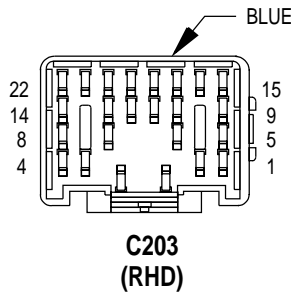
CAV	CIRCUIT
1	C7 12BK/TN
2	-
3	F81 12TN
4	-
5	-
6	Z8 16BK/VT
7	A111 12RD/LG
8	C6 14LB
9	C5 14LG
10	C4 14TN



CAV	CIRCUIT
1	C7 12BK/TN
2	-
3	F81 12TN
4	-
5	-
6	Z8 12BK/V/T
7	A111 12RD/LG
8	C6 14LB
9	C5 14LG
10	C4 14TN

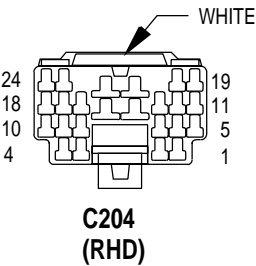


CAV	CIRCUIT
1	P55 20DB/PK
2	P59 20LB/RD
3	G26 20LB
4	G16 20BK/LB
5	V20 18BK/WT
6	V23 18BR/PK
7	V13 18BR/LG
8	L38 18BR/WT
9	-
10	P91 20WT/BK
11	G10 20LG/RD
12	E2 20OR
13	G9 20GY/BK
14	X60 16DG/RD
15	X58 16DB/OR
16	X57 16BR/LB
17	X56 16DB/RD
18	X55 16BR/RD
19	X54 16VT
20	X53 16DG
21	X52 16DB/WT
22	X51 16BR/YL

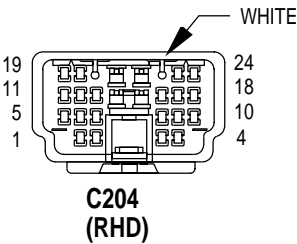


CAV	CIRCUIT
1	P55 20DB/PK
2	P59 20LB/RD
3	G26 20LB
4	G16 20BK/LB
5	V20 18BK/WT
6	V23 18BR/PK
7	V13 18BR
8	L38 18BR/WT
9	-
10	P91 20WT/BK
11	G10 20LG/RD
12	E2 20OR/BK
13	G9 20GY/BK
14	X60 18DG/RD
15	X58 18DB/OR
16	X57 18BR/LB
17	X56 18DB/RD
18	X55 18BR/RD
19	X54 18VT
20	X53 18DG
21	X52 18DB/WT
22	X51 18BR/YL

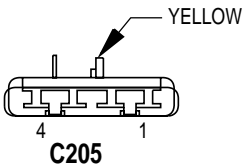
- ■ FULL OPTIONS W/ POWER AMPLIFIER
  - BUILT UP EXPORT
- ● BASE AND FULL OPTIONS W/O POWER AMPLIFIER
  - FULL OPTIONS



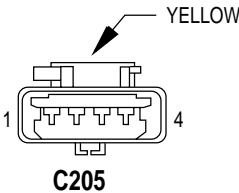
CAV	CIRCUIT
1	F15 20DB/WT
2	C16 20BK/WT
3	P35 20OR/VT
4	P36 20PK/VT
5	G78 20TN/BK
6	K226 20DB/LG
7	K167 20BR/YL
8	P72 20YL/BK
9	P74 20DB
10	P76 20OR/YL
11	L62 20BR/RD
12	L63 20DG/RD
13	-
14	F23 18DB/YL
15	F14 18LG/YL
16	F35 16RD
17	Z1 20BK
18	C36 18RD/WT
19	D1 20VT/BR
20	D2 20WT/BK
21	F75 16VT
22	A141 16DG/WT
23	L10 18BR/LG
24	L50 20WT/TN



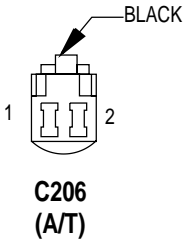
CAV	CIRCUIT
1	F15 20DB/WT
2	C16 20LB/YL
3	P35 20OR/VT
4	P36 20PK/VT
5	G78 20TN/BK
6	K226 20DB/LG
7	K167 20BR/YL
8	P72 20YL/BK
9	P74 20DB
10	P76 20OR/YL
11	L62 20BR/RD
12	L63 20DG/RD
13	-
14	F23 18DB/YL
15	F14 18LG/YL
16	F35 16RD
17	Z1 20BK
18	C36 20RD/WT
19	D1 18VT/BR
20	D2 18WT/BK
21	F75 16VT
22	A141 16DG/WT
23	L10 18BR/LG
24	L50 20WT/TN



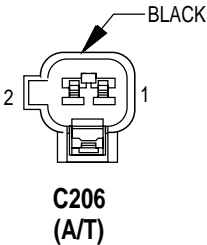
CAV	CIRCUIT
1	R42 18BK/YL
2	R44 18DG/YL
3	R43 18BK/LB
4	R45 18DG/LB



CAV	CIRCUIT
1	R42 18BK/YL
2	R44 18DG/YL
3	R43 18BK/LB
4	R45 18DG/LB

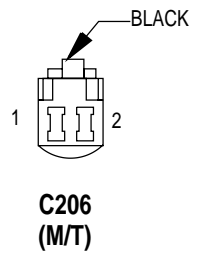


CAV	CIRCUIT
1	E2 20OR
1	E2 20OR/BK
2	Z1 20BK

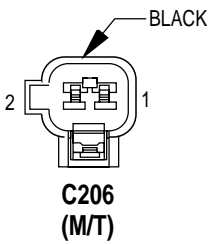


CAV	CIRCUIT
1	E2 20OR
1	E2 20OR
2	Z1 20BK
2	Z1 20BK

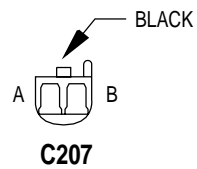
- FULL OPTIONS
- ▲ RHD
- LHD
- ■ FULL OPTIONS W/POWER AMP



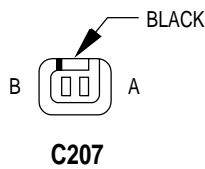
CAV	CIRCUIT
1	E2 20OR ▲
1	E2 20OR/BK ●
2	Z1 20BK



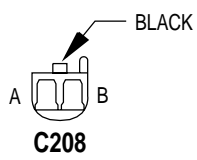
CAV	CIRCUIT
1	E2 20OR
2	Z1 20BK



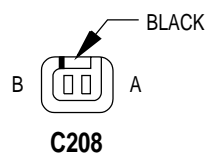
CAV	CIRCUIT
A	M1 20PK
B	M2 20YL



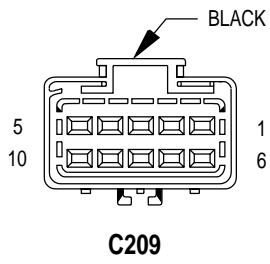
CAV	CIRCUIT
A	M1 18PK
B	M2 18BK/WT



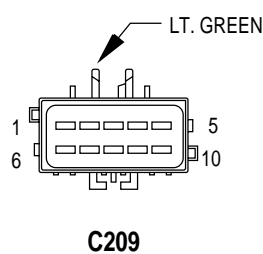
CAV	CIRCUIT
A	M1 20PK
B	M2 20YL



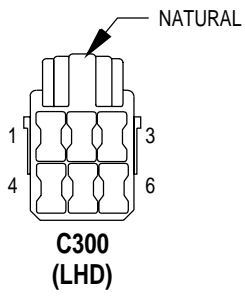
CAV	CIRCUIT
A	M1 18PK
B	M2 18BK/WT



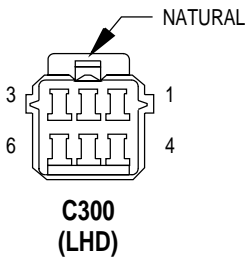
CAV	CIRCUIT
1	Z1 20BK
2	C4 14TN
3	C5 14LG
4	C6 14LB
5	F15 20DB/WT
6	C36 20RD/WT
7	C7 12BK/TN
8	A111 12RD/LG
9	F15 20DB/WT
10	Z8 12BK/VT ●
10	Z8 20BK/VT ▲



CAV	CIRCUIT
1	D1 20DB/WT
2	C4 14TN
3	C5 14LG
4	C6 14LB
5	D2 20OR
6	D3 20YL
7	C7 12BK/TN
8	A111 12RD/LG
9	F15 20DB/WT
10	Z1 20BK

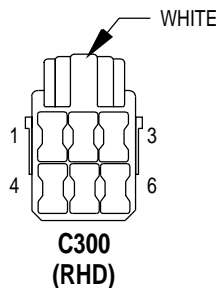


CAV	CIRCUIT
1	P35 20OR/VT
2	P36 20PK/VT
3	P55 20DB/PK
4	P59 20LB/RD
5	G26 20LB
6	-

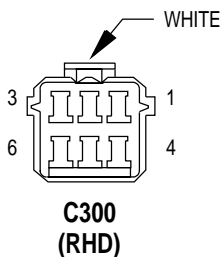


CAV	CIRCUIT
1	P35 20OR/VT
2	P36 20PK/VT
3	P55 20DB/PK
4	P59 20LB/RD
5	G26 20LB
6	-

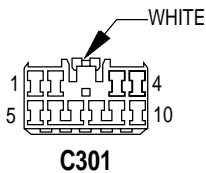
● RHD  
▲ LHD



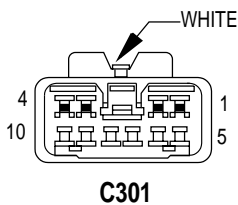
CAV	CIRCUIT
1	P35 18OR/VT
2	P36 18PK/VT
3	F83 18YL/DG ●
4	-
5	-
6	-



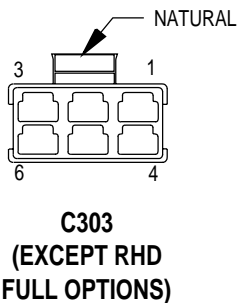
CAV	CIRCUIT
1	P35 20OR/VT
2	P36 20PK/VT
3	F83 18YL/DG ●
4	-
5	-
6	-



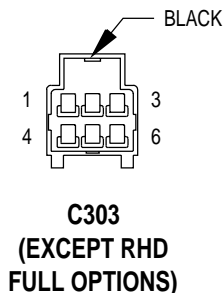
CAV	CIRCUIT
1	D1 20VT/BR
2	D2 20WT/BK
3	G32 20BK/LB ■■
4	G31 20VT/LG ■■
5	Z2 20BK/LG ■■
6	F87 20WT/BK ■■
7	X3 20BK/RD
8	P55 20DB
9	P59 20LB/RD
10	-



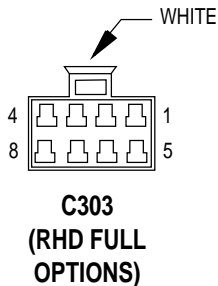
CAV	CIRCUIT
1	D1 20VT/BR
2	D2 20WT/BK
3	G32 20BK/LB
4	G31 20VT/LG
5	Z2 20BK/LG
6	F87 20WT/BK
7	X3 20BK/RD
8	P55 20DB/PK
9	P59 20LB/RD
10	-



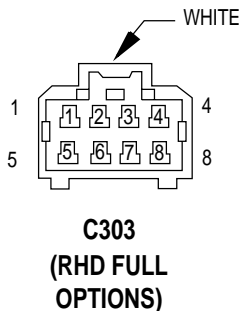
CAV	CIRCUIT
1	Q16 14BR/WT ■
2	Q26 14VT/WT ■
3	Q1 14YL ■
4	X80 18LB/BK
5	X82 18LB/RD
6	-



CAV	CIRCUIT
1	Q16 14BR/WT ■
1	V23 18BR/PK ●●
2	Q26 14VT/WT ■
3	Q1 14YL ■
4	X80 18LB/BK ▲▲
4	X56 18DB/RD ▲
5	X82 18LB/RD ▲▲
5	X54 18VT ▲
6	-



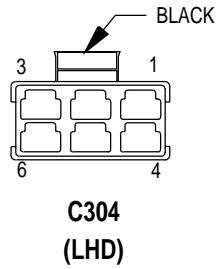
CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q17 14DB/WT
4	Q1 14YL
5	Z1 14BK
6	Q27 14RD/BK
7	Q16 14BR/WT
8	Q26 14VT/WT



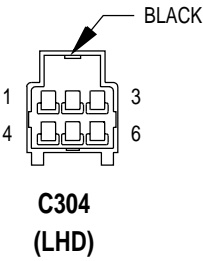
CAV	CIRCUIT
1	Q18 14GY/BK ■
1	V23 18BR/PK ●●
2	Q28 14DG/WT ■
3	Q17 14DB/WT ■
4	Q1 14YL ■
4	X56 18DB/RD ●●
5	Z1 14BK ■
5	X54 18VT ●●
6	Q27 14RD/BK ■
7	Q16 14BR/WT ■
8	Q26 14VT/WT ■

- FULL OPTIONS
- OVERHEAD CONSOLE
- FULL OPTIONS AND POWER MIRRORS
- BASE

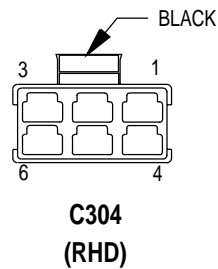
- ▲ 4 SPEAKER SYSTEM
- ▲▲ 6 SPEAKER SYSTEM



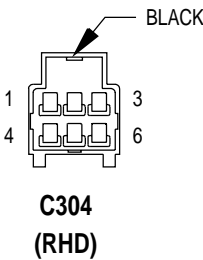
CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q1 14YL
4	P33 16OR/BK
5	P34 16PK/BK
6	-



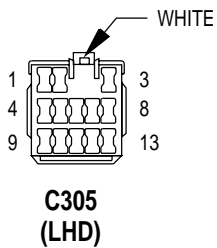
CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q1 14YL
4	P33 16OR/BK
5	P34 16PK/BK
6	-



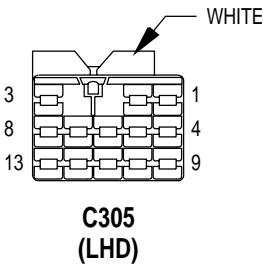
CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q1 14YL
4	P33 16OR/BK
5	P34 16PK/BK
6	-



CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q1 14YL
4	P33 16OR/BK
5	P34 16PK/BK
6	-



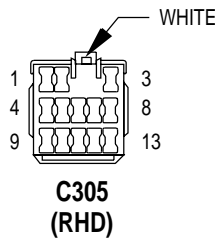
CAV	CIRCUIT
1	X85 18BR/RD ■■
1	X55 18LG/RD ■
2	X87 18DG ■■
2	X53 18LG/BK ■
3	F83 18YL/DG ●
4	P33 16OR/BK ▲
5	P34 16PK/BK ▲
6	P35 20OR/VT ▲
7	P36 20PK/VT ▲
8	P72 20YL/BK
9	P74 20DB
10	P76 20OR/YL
11	C16 20LB/YL ●●
11	C16 20BK/WT ▲▲
12	-
13	P91 20WT/BK ●



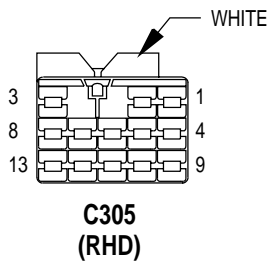
CAV	CIRCUIT
1	X85 18BR/RD ■■
1	X55 18BR/RD ■
2	X87 18LG/VT ■■
2	X53 18DG ■
3	F83 18YL/DG ●
4	P33 16OR/BK
5	P34 16PK/BK
6	P35 18OR/VT
7	P36 18PK/VT
8	P72 20YL/BK
9	P74 20DB
10	P76 20OR/YL
11	C16 20LB/YL
12	-
13	P91 20WT/BK ●

▲▲ POWER MIRRORS  
●● FULL OPTIONS

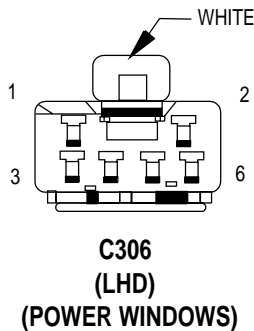
● FULL OPTIONS AND POWER MIRRORS  
▲ POWER LOCK/WINDOWS  
■ 4 SPEAKERS  
■■ 6 SPEAKERS



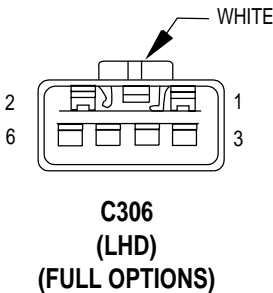
CAV	CIRCUIT	
1	X85 18BR/RD	■ ■
1	X55 18LG/RD	■
2	X87 18DG	■ ■
2	X53 18LG/BK	■
3	P59 20LB/RD	
4	P33 16OR/BK	▲
5	P34 16PK/BK	▲
6	P35 20OR/VT	▲
7	P36 20PK/VT	▲
8	P71 20YL	
9	P75 20DB/RD	● ●
9	P75 20DB/WT	●
10	P76 20OR/YL	
11	C16 20LB/YL	● ●
11	C16 20BK/WT	▲ ▲
12	P55 20DB	
13	P91 20WT/BK	



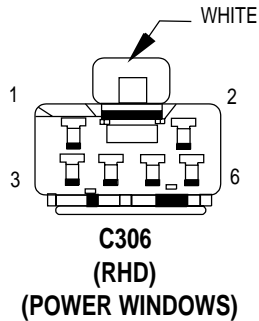
CAV	CIRCUIT	
1	X85 18BR/RD	■ ■
1	X55 18BR/RD	■
2	X87 18LG/VT	■ ■
2	X53 18DG	■
3	P59 20LB/RD	
4	P33 16OR/BK	
5	P34 16PK/BK	
6	P35 18OR/VT	
7	P36 18PK/VT	
8	P72 20YL/BK	
9	P74 20DB	
10	P76 20OR/YL	
11	C16 20LB/YL	
12	P55 20DB/PK	
13	P91 20WT/BK	



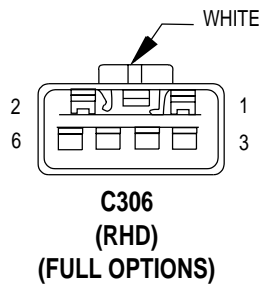
CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q16 14BR/WT
4	Q26 14VT/WT
5	Q17 14DB/WT
6	Q27 14RD/BK



CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	Q16 14BR/WT
4	Q26 14VT/WT
5	Q17 14DB/WT
6	Q27 14RD/BK

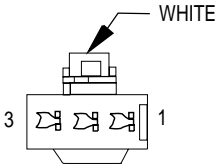


CAV	CIRCUIT
1	F35 16RD
2	G26 20LB
3	Q16 14BR/WT
4	Q26 14VT/WT
5	-
6	-



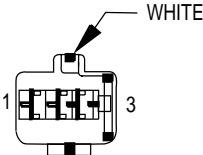
CAV	CIRCUIT
1	F35 16RD
2	G26 20LB
3	Q16 14BR/WT
4	Q26 14VT/WT
5	-
6	-

- ▲▲ POWER MIRRORS
- FULL OPTIONS
- POWER MIRRORS W/O FULL OPTIONS
- ▲ POWER LOCK/WINDOW SWITCHES
- 4 SPEAKERS
- ■ 6 SPEAKERS



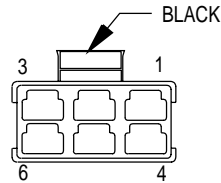
C307

CAV	CIRCUIT	
1	F81 14TN	●
2	Q1 14YL	
3	Z1 12BK	●
3	Z1 16BK	▲



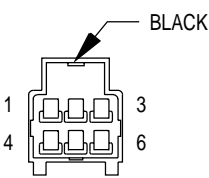
C307

CAV	CIRCUIT	
1	F81 12TN	●
2	Q1 14YL	●
3	Z1 12BK	



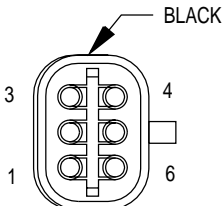
C309  
(FULL OPTIONS)

CAV	CIRCUIT
1	Q17 14DB/WT
2	Q27 14RD/BK
3	Q1 14YL
4	P33 16OR/BK
5	P34 16PK/BK
6	-



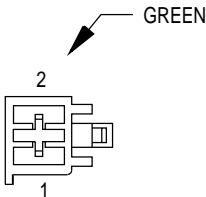
C309  
(FULL OPTIONS)

CAV	CIRCUIT
1	Q17 14DB/WT
2	Q27 14RD/BK
3	Q1 14YL
4	P33 16OR/BK
5	P34 16PK/BK
6	-



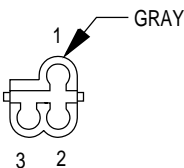
C311

CAV	CIRCUIT
1	P33 16OR/BK
2	P34 16PK/BK
3	G78 20TN/BK
4	L77 18BR/YL
5	M4 20GY/BK
6	Z1 18BK



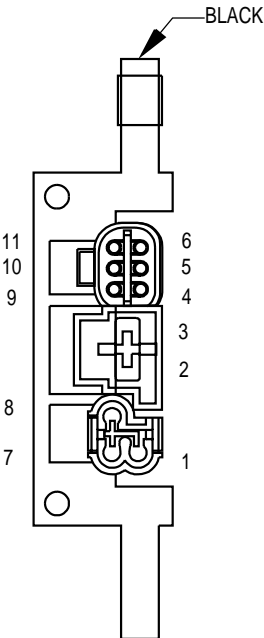
C312

CAV	CIRCUIT
1	Z1 12BK
2	C15 12BK/WT



C313

CAV	CIRCUIT
1	V13 18BR/LG
2	V23 18BR/PK
3	V20 18BK/WT

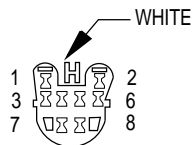


C310

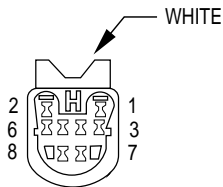
CAV	CIRCUIT
1	V20 18BK/WT
2	Z1 12BK
3	C15 12BK/WT
4	P33 16OR/BK
5	P34 16PK/BK
6	G78 20TN/BK
7	V23 18BR/PK
8	V13 18BR/LG
9	Z1 18BK
10	M4 20VT/YL
11	L77 18BR/YL

▲ POWER MIRRORS  
● FULL OPTIONS

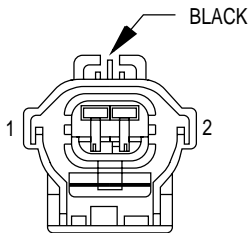




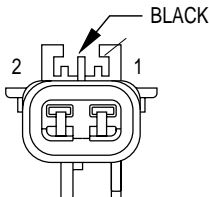
CAV	CIRCUIT
1	X92 16TN/BK ▲
1	X52 18DB/WT ▲▲
2	X94 16TN/RD ▲
2	X58 18DB/OR ▲▲
3	X91 16BR/DB ▲
3	X51 18BR/YL ▲▲
4	X93 16BR/YL ▲
4	X57 18BR/LB ▲▲
5	M1 20PK
6	M2 20YL
7	M4 20GY/BK
8	-



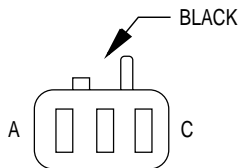
CAV	CIRCUIT
1	X92 18TN/BK ▲
1	X52 18DB/WT ▲▲
2	X94 18TN/RD ▲
2	X58 18DB/OR ▲▲
3	X91 18WT/BK ▲
3	X51 18BR/YL ▲▲
4	X93 18WT/RD ▲
4	X57 18BR/LB ▲▲
5	M1 18PK ●
5	M1 20PK ●●
6	M2 20YL
7	M4 20GY/BK
8	-



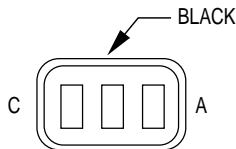
CAV	CIRCUIT
1	F83 18YL/DG ■
2	F37 14RD/LB



CAV	CIRCUIT
1	F83 18YL/DG
2	F37 14RD/LB

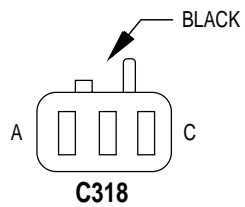


CAV	CIRCUIT
A	M2 18YL
B	G16 18BK/LB
C	Z1 18BK

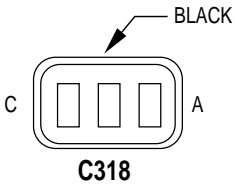


CAV	CIRCUIT
A	M2 20YL
B	G16 20BK/LB ●●
C	Z1 20BK

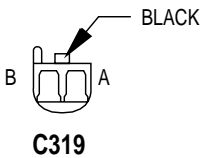
- HEATED SEATS
- ▲ 6 SPEAKER
- ▲▲ 4 SPEAKER
- LHD
- RHD



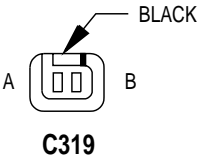
CAV	CIRCUIT
A	M2 18YL
B	G16 18BK/LB
C	Z1 18BK



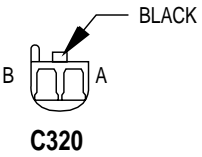
CAV	CIRCUIT
A	M2 20YL
B	G16 20BK/LB ■
C	Z1 20BK



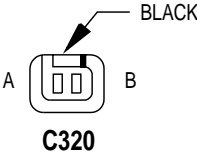
CAV	CIRCUIT
A	M2 18YL
B	Z1 18BK



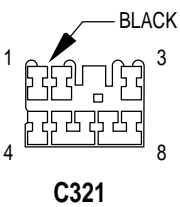
CAV	CIRCUIT
A	M2 20YL
B	Z1 20BK



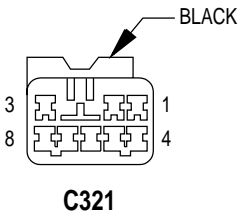
CAV	CIRCUIT
A	M2 18YL
B	Z1 18BK



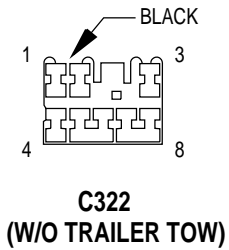
CAV	CIRCUIT
A	M2 20YL
B	Z1 20BK



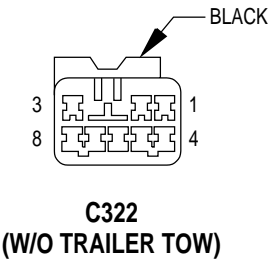
CAV	CIRCUIT
1	L62 18BR/RD
2	Z1 18BK
3	-
4	L38 18OR/WT ▲▲
5	L10 18BR/LG
6	L50 18WT/TN
7	L78 18DG/YL
8	-



CAV	CIRCUIT
1	L62 20BR/RD
2	Z1 18BK
3	-
4	L38 18BR/WT
5	L10 18BR/LG
6	L50 20WT/TN
7	L78 18DG/YL
8	-

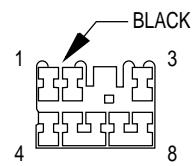


CAV	CIRCUIT
1	L63 18DG/RD
2	Z1 16BK ▲▲
2	Z1 18BK ●
3	-
4	L38 18OR/WT ▲▲
5	L10 18BR/LG
6	L50 18WT/TN
7	L77 18BR
8	-



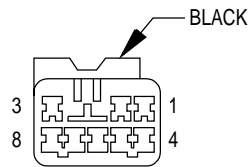
CAV	CIRCUIT
1	L63 20DG/RD
2	Z1 14BK
3	A6 20RD/OR
4	L38 18BR/WT
5	L10 18BR/LG
6	L50 20WT/TN
7	L77 18BR/YL
8	L62 20BR/RD

▲▲ BUILT-UP-EXPORT  
● EXCEPT BUILT-UP-EXPORT  
■ RHD



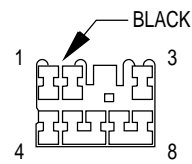
C322  
(TRAILER TOW)

CAV	CIRCUIT
1	L63 18DG/RD
2	Z1 16BK ▲
2	Z1 18BK ●
3	-
4	L38 18OR/WT ▲
5	L10 18BR/LG
6	L50 18WT/TN
7	L77 18BR
8	-



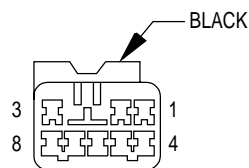
C322  
(TRAILER TOW)

CAV	CIRCUIT
1	L63 20DG/RD
2	Z1 18BK
3	-
4	L38 18BR/WT
5	L10 18BR/LG
6	L50 20WT/TN
7	L77 18BR/YL
8	-



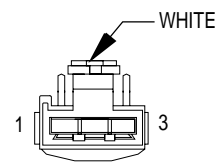
C323  
(TRAILER TOW)

CAV	CIRCUIT
1	L63 20DG/RD
2	Z1 14BK
3	A6 20RD/OR
4	L38 20OR/WT
5	L10 18BR/LG
6	L50 20WT/TN
7	L77 20BR/YL
8	L62 20BK/RD



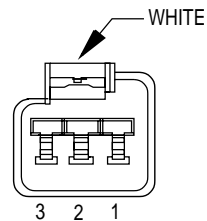
C323  
(TRAILER TOW)

CAV	CIRCUIT
1	L63 20DG/RD
2	Z1 14BK
3	A6 20RD/OR
4	L38 18BR/WT
5	L10 18BR/LG
6	L50 20WT/TN
7	L77 18BR/YL
8	L62 20BR/RD



C324  
(RHD)  
(FULL OPTIONS)

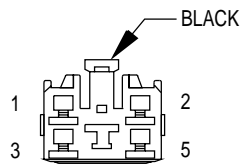
CAV	CIRCUIT
1	F83 18YL/DG
2	X80 18LB/BK
3	X82 18LB/RD



C324  
(RHD)  
(FULL OPTIONS)

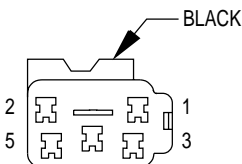
CAV	CIRCUIT
1	F83 18YL/DG
2	X80 18LB/BK ■
3	X82 18LB/RD ■

- W/ POWER AMPLIFIER
- ▲ BUILT-UP-EXPORT
- EXCEPT BUILT-UP-EXPORT



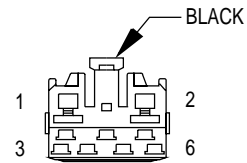
C326

CAV	CIRCUIT
1	P33 16OR/BK
2	P34 16PK/BK
3	M4 20GY/BK
4	C15 12BK/WT
5	L50 18WT/TN



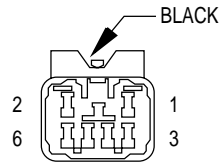
C326

CAV	CIRCUIT
1	P33 16OR/BK ●
2	P34 16PK/BK ●
3	M4 20GY/BK
4	C15 12BK/WT
5	L50 20WT/TN



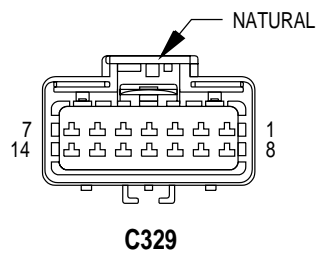
C327

CAV	CIRCUIT
1	G78 20TN/BK
2	L77 18BR/YL
3	V13 18BR/LG
4	V23 18BR/PK
5	V20 18BK/WT
6	-

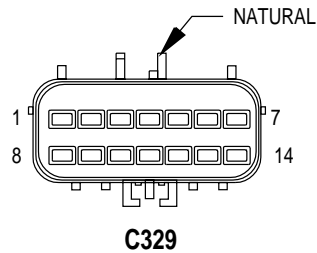


C327

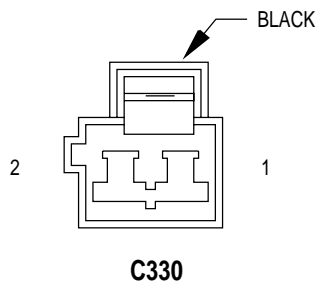
CAV	CIRCUIT
1	G78 20TN/BK
2	L77 18BR/YL
3	V13 18BR
4	V23 18BR/PK
5	V20 18BK/WT
6	-



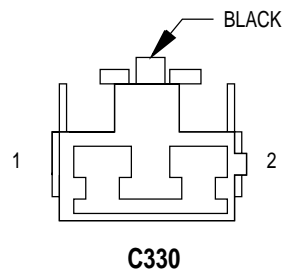
CAV	CIRCUIT
1	P133 18TN/DG
2	P134 18TN/RD
3	P137 18VT
4	P138 18VT/LG
5	P139 18VT/WT
6	P140 18VT/BK
7	P87 18BK/OR
8	P141 18TN/LB
9	P143 18BK/DG
10	F37 14RD/LB
11	F83 18YL/DG
12	Z1 18BK
13	Z2 18BK/LG
14	-



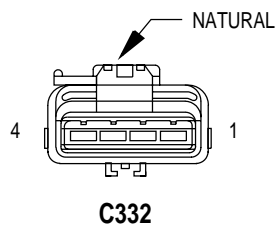
CAV	CIRCUIT
1	P133 18TN/DG
2	P134 18TN/RD
3	P137 18VT
4	P138 18VT/LG
5	P139 18VT/WT
6	P140 18VT/BK
7	P87 18BK/OR
8	P141 18TN/LB
9	P143 18BK/DG
10	F37 14RD/LB
11	F83 18YL/DG
12	Z1 18BK
13	Z2 18BK/LG
14	-



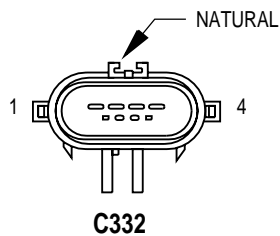
CAV	CIRCUIT
1	L77 18BR/YL
2	Z1 18BK



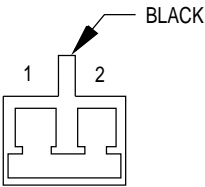
CAV	CIRCUIT
1	L78 18BK/YL
2	Z1 18BK



CAV	CIRCUIT
1	P141 18TN/LB
2	P143 18BK/DG
3	P87 18BK/OR
4	Z1 18BK

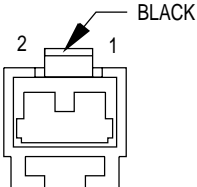


CAV	CIRCUIT
1	P141 18TN/LB
2	P143 18BK/DG
3	P87 18BK/OR
4	Z1 18BK



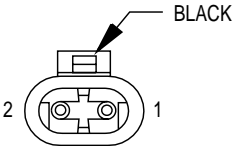
C333

CAV	CIRCUIT
1	L50 18WT/TN
2	Z1 18BK



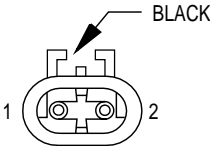
C333

CAV	CIRCUIT
1	L50 18DG/WT
2	Z1 18BK



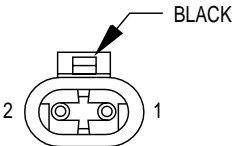
C362

CAV	CIRCUIT
1	F37 14RD/LB
2	Z1 14BK



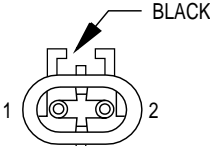
C362

CAV	CIRCUIT
1	F37 14RD
2	Z1 14BK



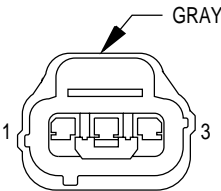
C363

CAV	CIRCUIT
1	F37 14RD/LB
2	Z1 14BK



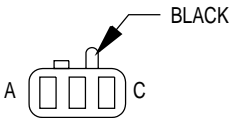
C363

CAV	CIRCUIT
1	F37 14RD
2	Z1 14BK



CAMSHAFT  
POSITION  
SENSOR  
(GAS)

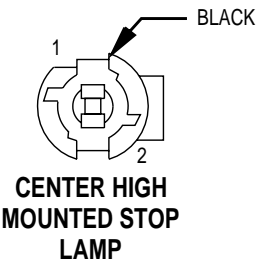
CAV	CIRCUIT	FUNCTION
1	K44 18TN/YL	CAMSHAFT POSITION SENSOR SIGNAL
2	K167 20BR/YL	SENSOR GROUND
3	K7 18OR	5V SUPPLY



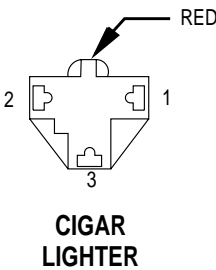
CARGO  
LAMP/SWITCH

CAV	CIRCUIT	FUNCTION
A	M1 18PK	FUSED B(+)
A	M1 20PK	FUSED B(+)
B	M2 20YL	COURTESY LAMPS DRIVER
C	M4 20GY/BK	LIFTGATE COURTESY LAMP DRIVER

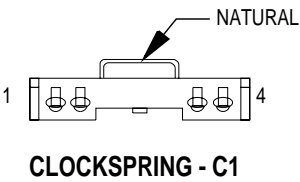
• RHD  
•• LHD



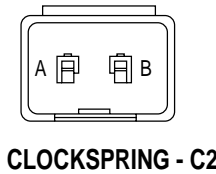
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L50 18DG/WT	BRAKE LAMP SWITCH OUTPUT



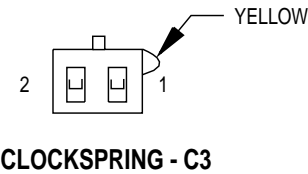
CAV	CIRCUIT	FUNCTION
1	F30 16RD	CIGAR LIGHTER RELAY OUTPUT
2	-	-
3	Z1 16BK	GROUND



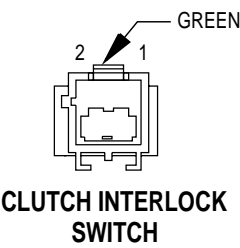
CAV	CIRCUIT	FUNCTION
1	X3 20BK/RD	HORN RELAY CONTROL
2	V37 20RD/LG	SPEED CONTROL SWITCH SIGNAL
3	K4 20BK/RD	SENSOR GROUND
4	-	-



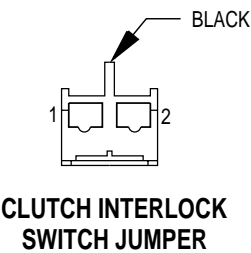
CAV	CIRCUIT	FUNCTION
A	K167 20BR/YL	SENSOR GROUND
B	V37 20RD/LG	SPEED CONTROL SWITCH SIGNAL



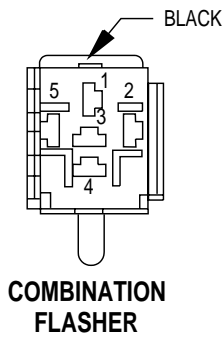
CAV	CIRCUIT	FUNCTION
1	R45 18DG/LB	DRIVER AIRBAG LINE 1
2	R43 18BK/LB	DRIVER AIRBAG LINE 2



CAV	CIRCUIT	FUNCTION
1	F45 20YL/RD ▲	FUSED B(+) ENGINE STARTER MOTOR RELAY
1	T141 20YL ▲▲	IGNITION SWITCH OUTPUT (START)
2	T141 20YL ▲	IGNITION SWITCH OUTPUT (START)
2	F45 20YL/RD ▲▲	FUSED B(+) ENGINE STARTER MOTOR RELAY



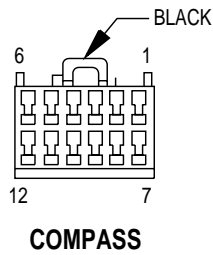
CAV	CIRCUIT	FUNCTION
1	F45 18YL	FUSED B(+) ENGINE STARTER MOTOR RELAY
2	F45 18YL	FUSED B(+) ENGINE STARTER MOTOR RELAY



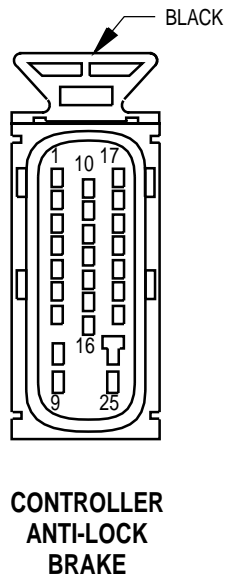
CAV	CIRCUIT	FUNCTION
1	L5 20BK	FUSED IGNITION SWITCH OUTPUT (RUN)
2	L9 20BK/PK	FUSED B (+)
3	L12 20VT/TN	HAZARD FLASHER SELECT SIGNAL
4	L6 20RD/WT	FLASHER OUTPUT
5	Z1 18BK ●	GROUND
	Z1 20BK	GROUND

- RHD BUILT-UP-EXPORT
- ▲ LHD DIESEL
- ▲▲ EXCEPT LHD DIESEL

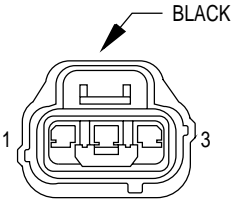




CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	M1 20PK	FUSED B(+)
3	-	-
4	G31 20VT/LG	AMBIENT TEMPERATURE SENSOR SIGNAL
5	D1 20VT/BR	CCD BUS (+)
6	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
7	M2 20YL	COURTESY LAMPS DRIVER
8	-	-
9	-	-
10	G32 20BK/LB	SENSOR GROUND
11	D2 20WT/BK	CCD BUS (-)
12	Z2 20BK/LG	GROUND

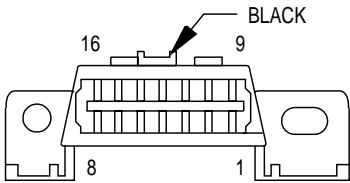


CAV	CIRCUIT	FUNCTION
1	B1 18YL/DB	RIGHT REAR WHEEL SPEED SENSOR (-)
2	B3 18LG/DB	LEFT REAR WHEEL SPEED SENSOR (-)
3	B7 18WT	RIGHT FRONT WHEEL SPEED SENSOR (+)
4	B9 18RD	LEFT FRONT WHEEL SPEED SENSOR (+)
5	-	-
6	B41 18YL/VT	G SWITCH NO. 1 SENSE
7	B42 18TN/WT	G SWITCH NO. 2 SENSE
8	Z1 12BK	GROUND
9	A20 12RD/DB	FUSED B(+)
10	B4 18LG	LEFT REAR WHEEL SPEED SENSOR (+)
11	B8 18RD/DB	LEFT FRONT WHEEL SPEED SENSOR (-)
12	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
13	B43 18PK/OR	G SWITCH TEST SIGNAL
14	-	-
15	-	-
16	G83 18GY/BK	ABS RELAY CONTROL
17	B2 18YL	RIGHT REAR WHEEL SPEED SENSOR (+)
18	B6 18WT/DB	RIGHT REAR WHEEL SPEED SENSOR (-)
19	-	-
20	D21 18PK	SCI TRANSMIT/ ISO 9141K
21	-	-
22	-	-
23	F15 18DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
24	Z1 12BK	GROUND
25	A10 12RD/DG	FUSED B(+)



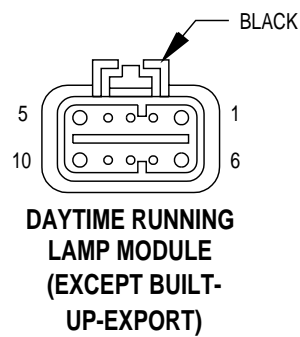
**CRANKSHAFT  
POSITION  
SENSOR  
(GAS)**

CAV	CIRCUIT	FUNCTION
1	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
2	K167 20BR/YL	SENSOR GROUND
3	K7 20OR	5V SUPPLY

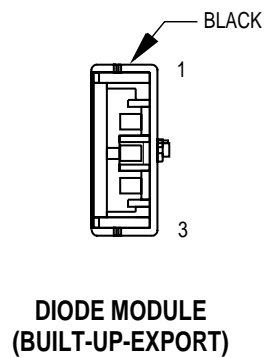


**DATA LINK  
CONNECTOR**

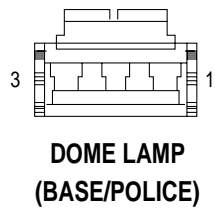
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D1 18VT/BR	CCD BUS (+)
4	Z1 18BK	GROUND
5	Z12 18BK/TN	GROUND
6	D20 20LG/BK	SCI RECEIVE
7	D21 20PK	SCI TRANSMIT/ ISO 9141K
8	-	-
9	-	-
10	-	-
11	D2 18WT/BK	CCD BUS (-)
12	-	-
13	-	-
14	-	-
15	-	-
16	F34 18TN/BK	FUSED B(+)



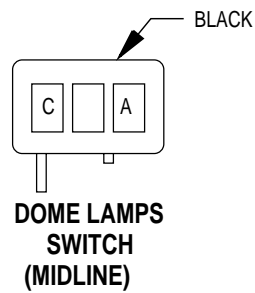
CAV	CIRCUIT	FUNCTION
1	L3 16RD	DIMMER SWITCH HIGH BEAM OUTPUT
2	-	-
3	-	-
4	G34 16RD/GY	HIGH BEAM INDICATOR DRIVER
5	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
6	A3 14RD/WT	FUSED B(+)
7	G7 20WT/OR	VEHICLE SPEED SENSOR SIGNAL
8	Z12 16BK/TN	GROUND
9	-	-
10	L44 18VT/RD	FUSED RIGHT LOW BEAM OUTPUT



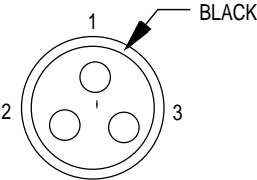
CAV	CIRCUIT	FUNCTION
1	L2 16LG	HEADLAMP RELAY OUTPUT
2	L25 18BR	REAR FOG LAMP FEED
3	L39 18LB	FOG LAMP SWITCH OUTPUT



CAV	CIRCUIT	FUNCTION
1	-	-
2	M1 20PK	FUSED B(+)
3	M2 20YL	COURTESY LAMPS DRIVER

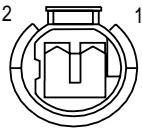


CAV	CIRCUIT	FUNCTION
A	Z1 20BK	GROUND
B	M2 20YL	COURTESY LAMPS DRIVER
C	M1 20PK	FUSED B(+)



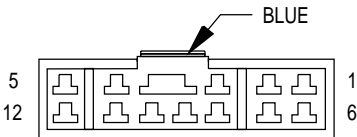
DRIVER DOOR  
JAMB SWITCH

CAV	CIRCUIT	FUNCTION
1	M2 18YL	COURTESY LAMPS DRIVER
2	G16 18BK/LB	DRIVER DOOR AJAR SWITCH SENSE
3	Z1 18BK	GROUND



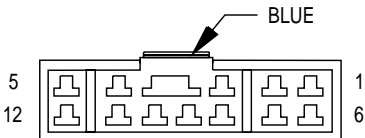
DRIVER DOOR  
LOCK MOTOR

CAV	CIRCUIT	FUNCTION
1	P34 16PK/BK	DOOR UNLOCK DRIVER
2	P33 16OR/BK	DOOR LOCK DRIVER



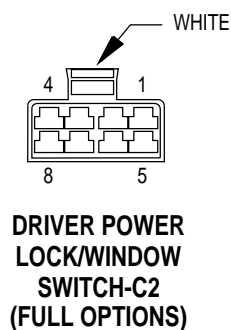
DRIVER POWER  
LOCK/WINDOW  
SWITCH-C1  
(LHD)  
(FULL OPTIONS)

CAV	CIRCUIT	FUNCTION
1	Q28 14DG/WT	MASTER WINDOW SWITCH RIGHT REAR DOWN
2	Q18 14GY/BK	RIGHT REAR WINDOW DRIVER UP
3	Q16 14BR/WT	MASTER WINDOW SWITCH PASSENGER UP
4	Q17 14DB/WT	LEFT REAR WINDOW DRIVER UP
5	Q11 14LB	DRIVER WINDOW DRIVER UP
6	Q26 14VT/WT	MASTER WINDOW SWITCH PASSENGER DOWN
7	P35 18OR/VT	DOOR LOCK SWITCH OUTPUT (LOCK)
8	Z1 14BK	GROUND
9	F81 14TN	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
10	Q27 14RD/BK	LEFT REAR WINDOW DRIVER DOWN
11	P36 18PK/VT	DOOR LOCK SWITCH OUPUT (UNLOCK)
12	Q21 14WT	DRIVER WINDOW DRIVER DOWN

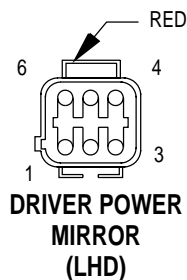


DRIVER POWER  
LOCK/WINDOW  
SWITCH-C1  
(RHD)  
(FULL OPTIONS)

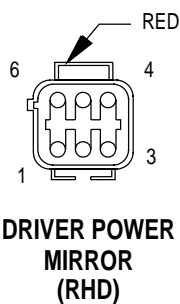
CAV	CIRCUIT	FUNCTION
1	Q28 14DG/WT	MASTER WINDOW SWITCH RIGHT REAR DOWN
2	Q18 14GY/BK	RIGHT REAR WINDOW DRIVER UP
3	Q11 14BR	DRIVER WINDOW DRIVER UP
4	Q17 14DB/WT	LEFT REAR WINDOW DRIVER UP
5	Q16 14BR/WT	MASTER WINDOW SWITCH PASSENGER UP
6	Q21 14VT	DRIVER WINDOW DRIVER DOWN
7	P35 18OR/VT	DOOR LOCK SWITCH OUTPUT (LOCK)
8	Z1 14BK	GROUND
9	F81 14TN	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
10	Q27 14RD/BK	LEFT REAR WINDOW DRIVER DOWN
11	P36 18PK/VT	DOOR LOCK SWITCH OUTPUT (UNLOCK)
12	Q26 14VT/WT	MASTER WINDOW SWITCH PASSENGER DOWN



CAV	CIRCUIT	FUNCTION
1	P71 20YL ■	LEFT POWER MIRROR VERTICAL DRIVER
1	P71 20YL/LB ●●	LEFT POWER MIRROR VERTICAL DRIVER
2	P76 20OR/YL	MIRROR COMMON DRIVER
3	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	P74 20DB	RIGHT POWER MIRROR HORIZONTAL DRIVER
5	Z1 14BK ■	GROUND
5	Z1 16BK ●●	GROUND
6	P75 20DB/WT	LEFT POWER MIRROR HORIZONTAL DRIVER
7	P72 20YL/BK	RIGHT POWER MIRROR VERTICAL DRIVER
8	Q1 14YL	POWER WINDOW SWITCH FEED

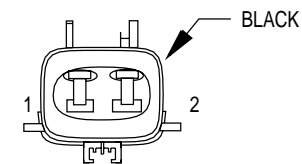


CAV	CIRCUIT	FUNCTION
1	P71 20YL	LEFT POWER MIRROR VERTICAL DRIVER
2	P75 20DB/WT ●	LEFT POWER MIRROR HORIZONTAL DRIVER
2	P76 20OR/YL ▲	MIRROR COMMON DRIVER
3	P91 20WT/BK ●	MIRROR COMMON DRIVER
3	P75 20DB/WT ▲	LEFT POWER MIRROR HORIZONTAL DRIVER
4	P76 20OR/YL	MIRROR COMMON DRIVER
5	C16 20BK/WT ●	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
5	C16 20LB/YL ▲	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
6	Z1 18BK ●	GROUND
6	Z1 16BK ▲	GROUND



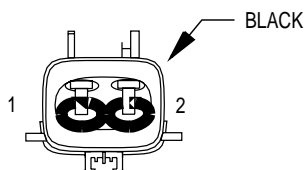
CAV	CIRCUIT	FUNCTION
1	P72 20YL/BK	RIGHT POWER MIRROR VERTICAL DRIVER
2	P74 20DB ●	RIGHT POWER MIRROR HORIZONTAL DRIVER
2	P76 20OR/YL ▲	MIRROR COMMON DRIVER
3	P91 20WT/BK ●	MIRROR COMMON DRIVER
3	P74 20DB ▲	RIGHT POWER MIRROR HORIZONTAL DRIVER
4	P76 20OR/YL	MIRROR COMMON DRIVER
5	C16 20BK/WT	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
6	Z1 18BK	GROUND

- POWER MIRRORS
- ▲ FULL OPTIONS
- LHD
- RHD



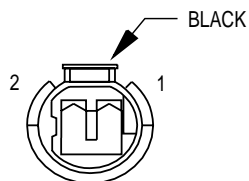
DRIVER POWER  
WINDOW MOTOR  
(LHD)

CAV	CIRCUIT	FUNCTION
1	Q11 14LB	LEFT FRONT WINDOW DRIVER UP
2	Q21 14WT	LEFT FRONT WINDOW DRIVER DOWN



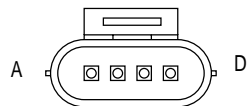
DRIVER POWER  
WINDOW MOTOR  
(RHD)

CAV	CIRCUIT	FUNCTION
1	Q11 14BR	LEFT WINDOW DRIVER UP
2	Q21 14VT	LEFT FRONT WINDOW DRIVER DOWN



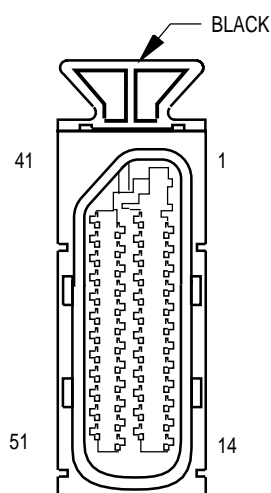
DUTY CYCLE  
EVAP/PURGE  
SOLENOID  
(GAS)

CAV	CIRCUIT	FUNCTION
1	K52 18PK/BK	DUTY CYCLE EVAP PURGE/SOLENOID CONTROL
2	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)



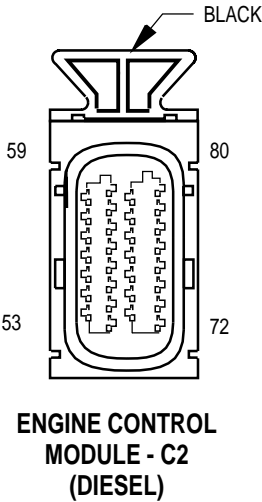
ELECTRONIC  
VACUUM  
MODULATOR  
(DIESEL)

CAV	CIRCUIT	FUNCTION
A	F142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
B	K35 18GY/YL	EGR SOLENOID CONTROL
C	-	-
D	Z1 18BK	GROUND



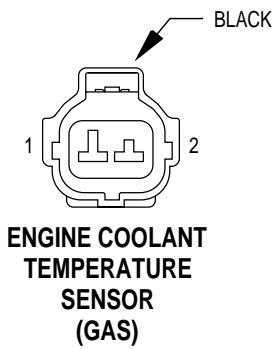
**ENGINE CONTROL  
MODULE - C1  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	Z12 14BK/TN	GROUND
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
3	-	-
4	-	-
5	C13 20DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
6	K159 18VT/RD	ENGINE SPEED SENSOR SIGNAL
7		
8	C103 18DG	A/C REQUEST INPUT
9	K29 20WT/PK	BRAKE LAMP SWITCH SENSE
10	C22 20DB/WT	A/C PRESSURE SWITCH SENSE
11	K6 20VT/WT	5V SUPPLY
12	K151 20WT	LOW IDLE POSITION SWITCH SIGNAL
13	K21 20BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
14	-	-
15	-	-
16	-	-
17	C27 20DB/PK	RADIATOR FAN RELAY CONTROL
18	G8 18LB/BK	FUEL MONITOR OUTPUT SIGNAL
19	-	-
20	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT
21	-	-
22	-	-
23	K255 20WT/DG	ACCELERATOR PEDAL POSITION SENSOR GROUND
24	K22 20OR/DB	ACCELERATOR PEDAL POSITION SENSOR SIGNAL
25	-	-
26	-	-
27	Z12 16BK/TN	GROUND
28	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
29	K35 18GY/YL	EGR SOLENOID CONTROL
30	V66 18RD/LG	SPEED CONTROL INDICATOR SIGNAL
31	-	-
32	K185 20OR/LB	WAIT TO START INDICATOR DRIVER
33	K51 20DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
34	K48 18OR/RD	FAULT INDICATOR REQUEST INPUT
35	-	-
36	-	-
37	-	-
38	G55 18OR/BK	ENGINE DISABLE SIGNAL
39	K9 20LB	5V SUPPLY
40	K1 20DG/RD	BOOST PRESSURE SENSOR SIGNAL
41	-	-
42	K152 18WT	GLOW PLUG RELAY CONTROL
43	-	-
44	-	-
45	D21 20PK	SCI TRANSMIT/ ISO 9141K
46	-	-
47	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
48	C48 18TN	RADIATOR FAN REQUEST -
49	-	-
50	-	-
51	G7 20WT/OR	VEHICLE SPEED SENSOR SIGNAL

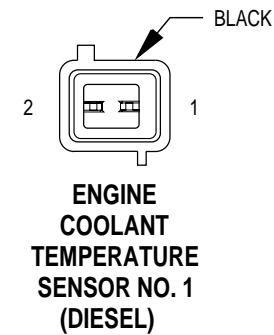


CAV	CIRCUIT	FUNCTION
52	-	-
53	K156 20GY	FUEL TEMPERATURE SENSOR SIGNAL
54	K2 20TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
55	K68 18LG/YL	NEEDLE MOVEMENT SENSOR GROUND
56	K134 20LB/BK	CONTROL SLEEVE POSITION SENSOR SIGNAL
57	K57 20LG/OR	CONTROL SLEEVE POSITION SENSOR MIDDLE TAP
58	K135 20WT/BK	CONTROL SLEEVE POSITION SENSOR MEASURE COIL
59	K140 18TN/WT	FUEL QUANTITY ACTUATOR CONTROL
60	V37 20RD/LG	SPEED CONTROL SWITCH SIGNAL
61	K4 20BK/LB	SENSOR GROUND
62	K67 18BR/BK	NEEDLE MOVEMENT SENSOR SIGNAL
63	-	
64	-	
65	-	
66	K140 18TN/WT	FUEL QUANTITY ACTUATOR CONTROL
67	K24 20GY/BK	ENGINE SPEED SENSOR SIGNAL
68	-	
69	K3 20LG/BK	ENGINE SPEED SENSOR GROUND
70	-	
71	-	
72	-	
73	-	
74	-	
75	-	
76	-	
77	K153 18OR	FUEL SHUTDOWN SOLENOID CONTROL
78	-	
79	K126 18LG	FUEL TIMING SOLENOID CONTROL
80	K140 18TN/WT	FUEL QUANTITY ACTUATOR CONTROL

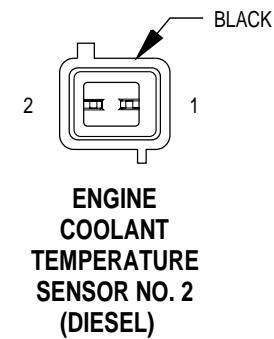




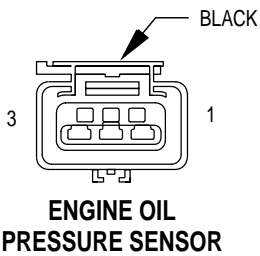
CAV	CIRCUIT	FUNCTION
1	K167 20BR/YL	SENSOR GROUND
2	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL



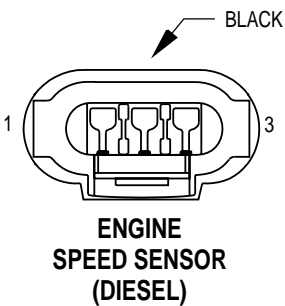
CAV	CIRCUIT	FUNCTION
1	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
2	K4 18BK/LB	SENSOR GROUND



CAV	CIRCUIT	FUNCTION
1	K222 18TN/RD	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
2	K167 18BR/YL	SENSOR GROUND

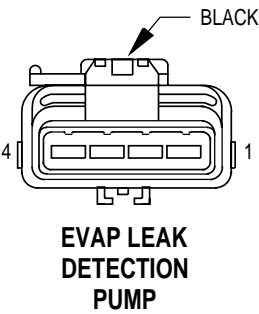


CAV	CIRCUIT	FUNCTION
1	K6 18VT/OR •	5V SUPPLY
1	K7 18OR ••	5V SUPPLY
2	G60 18GY/YL	ENGINE OIL PRESSURE SENSOR SIGNAL
3	K167 18BR/YL	SENSOR GROUND

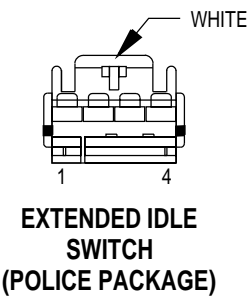


CAV	CIRCUIT	FUNCTION
1	K3 20LG/BK	ENGINE SPEED-SENSOR GROUND
2	-	-
3	K24 20GY/BK	ENGINE SPEED SENSOR SIGNAL

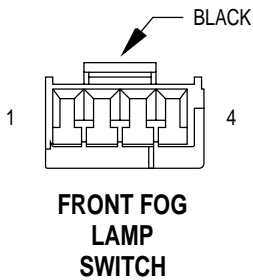
• GAS  
•• DIESEL



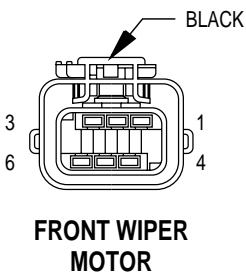
CAV	CIRCUIT	FUNCTION
1	-	-
2	K72 18DG/OR	GENERATOR DRIVER
3	K106 18WT/DG	LEAK DETECTION PUMP SOLENOID CONTROL
4	K105 18WT/OR	LEAK DETECTION PUMP SWITCH SENSE



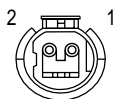
CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	K78 20GY	IDLE ACTUATOR
3	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
4	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL



CAV	CIRCUIT	FUNCTION
1	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
2	L39 20LB	FOG LAMP SWITCH OUTPUT
3	L139 20VT	FUSED HEADLAMP SWITCH OUTPUT
4	Z1 20BK	GROUND

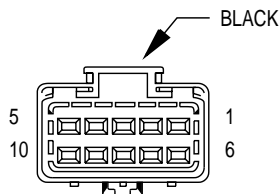


CAV	CIRCUIT	FUNCTION
1	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	V5 16DG/YL	WIPER PARK SWITCH SENSE
3	-	-
4	Z1 16BK	GROUND
5	V3 16BR/WT	WIPER LOW SPEED OUTPUT
6	V4 16BR/VT	WIPER HIGH SPEED OUTPUT



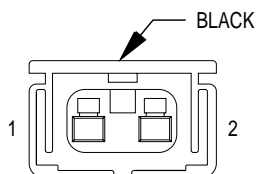
**FUEL HEATER  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A93 14RD/BK	FUEL HEATER RELAY OUTPUT
2	Z1 14BK	GROUND



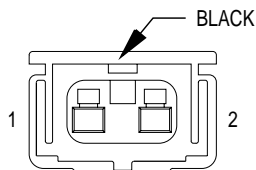
**FUEL INJECTION  
PUMP  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	K134 20LB/BK	CONTROL SLEEVE POSITION SENSOR SIGNAL
2	K57 20LG/OR	CONTROL SLEEVE POSITION SENSOR MIDDLE TAP SIGNAL
3	K135 20WT/BK	CONTROL SLEEVE POSITION SENSOR MEASURE COIL
4	K4 20BK/LB	SENSOR GROUND
5	K126 18LG	FUEL TIMING SOLENOID CONTROL
6	K153 18OR	FUEL SHUT DOWN SOLENOID CONTROL
7	K156 20GY	FUEL TEMPERATURE SENSOR SIGNAL
8	K140 16TN/WT	FUEL QUANTITY ACTUATOR CONTROL
9	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
10	F142 16DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT



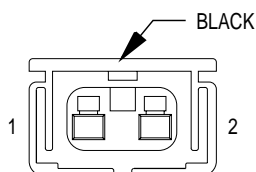
**FUEL INJECTOR  
NO. 1  
(2.5L GAS)**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K11 18WT/DB	FUEL INJECTOR NO. 1 DRIVER



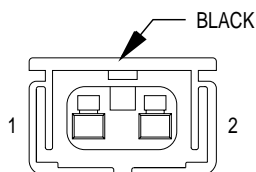
**FUEL INJECTOR  
NO. 2  
(2.5L GAS)**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K12 18TN	FUEL INJECTOR NO. 2 DRIVER



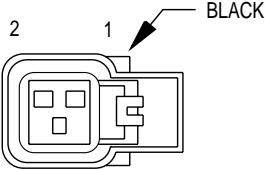
**FUEL INJECTOR  
NO. 3  
(2.5L GAS)**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K13 18YL/WT	FUEL INJECTOR NO. 3 DRIVER



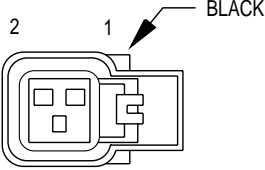
**FUEL INJECTOR  
NO. 4  
(2.5L GAS)**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K14 18LB/BR	FUEL INJECTOR NO. 4 DRIVER



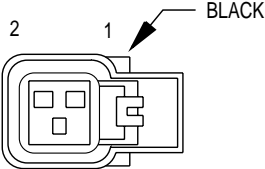
**FUEL INJECTOR NO. 1**  
(4.0L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K11 18WT/DB	FUEL INJECTOR NO. 1 DRIVER



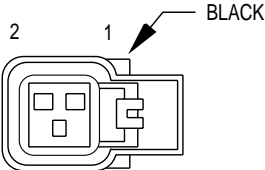
**FUEL INJECTOR NO. 2**  
(4.0L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K12 18TN	FUEL INJECTOR NO. 2 DRIVER



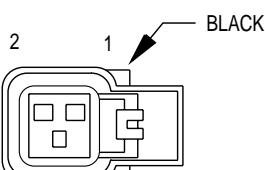
**FUEL INJECTOR NO. 3**  
(4.0L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K13 18YL/WT	FUEL INJECTOR NO. 3 DRIVER



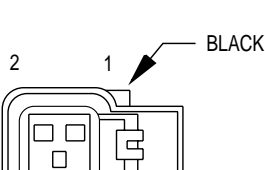
**FUEL INJECTOR NO. 4**  
(4.0L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K14 18LB/BR	FUEL INJECTOR NO. 4 DRIVER



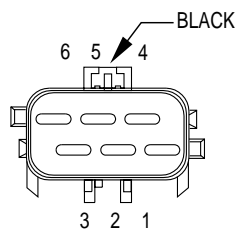
**FUEL INJECTOR NO. 5**  
(4.0L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K15 18PK/BK	FUEL INJECTOR NO. 5 DRIVER



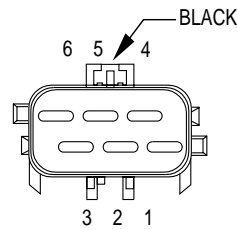
**FUEL INJECTOR NO. 6**  
(4.0L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K16 18LG/BK	FUEL INJECTOR NO. 6 DRIVER



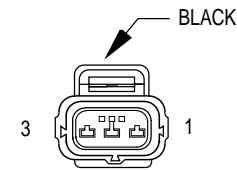
FUEL LEVEL  
SENSOR  
(DIESEL)

CAV	CIRCUIT	FUNCTION
1	A141 16DG/WT	NOT USED
2	-	-
3	K226 20DB/LG	FUEL LEVEL SENSOR SIGNAL
4	K167 20BR/YL	SENSOR GROUND
5	-	-
6	Z1 16BK	NOT USED



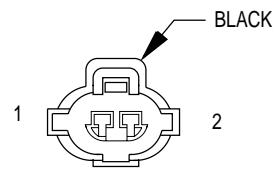
FUEL PUMP  
MODULE  
(GAS)

CAV	CIRCUIT	FUNCTION
1	A141 16DG/WT	FUEL PUMP RELAY OUTPUT
2	-	-
3	K226 20DB/LG	FUEL LEVEL SENSOR SIGNAL
4	K167 20BR/YL	SENSOR GROUND
5	-	-
6	Z1 16BK	GROUND



G SWITCH

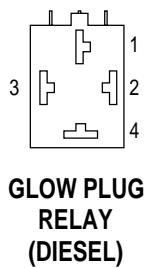
CAV	CIRCUIT	FUNCTION
1	B42 20TN/WT	G SWITCH NO. 2 SENSE
2	B41 20YL/VT	G SWITCH NO.1 SENSE
3	B43 20PK/OR	G SWITCH TEST SIGNAL



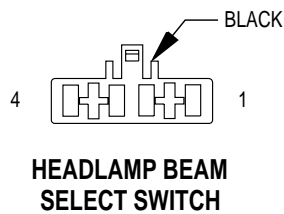
GENERATOR

CAV	CIRCUIT	FUNCTION
1	K72 18DG/OR ■■	GENERATOR SOURCE
1	K72 16DG/OR ■	GENERATOR SOURCE
2	K20 18DG ■■	GENERATOR FIELD
2	K20 16DG ■	GENERATOR FIELD

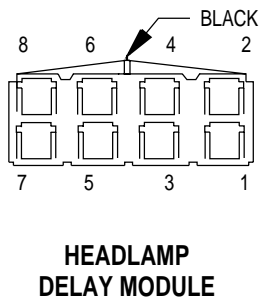
■ GAS  
■■ DIESEL



CAV	CIRCUIT	FUNCTION
1	A54 10RD/GY	FUSED B (+)
2	F142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
3	K152 18WT	GLOW PLUG RELAY CONTROL
4	K154 10GY	GLOW PLUG RELAY OUTPUT

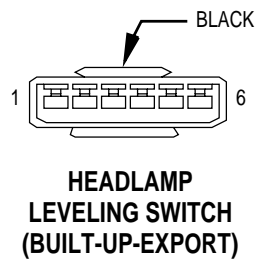


CAV	CIRCUIT	FUNCTION
1	L4 16VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
2	L2 14LG	HEADLAMP SWITCH OUTPUT
3	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
4	L20 14LG/WT	FUSED B (+)

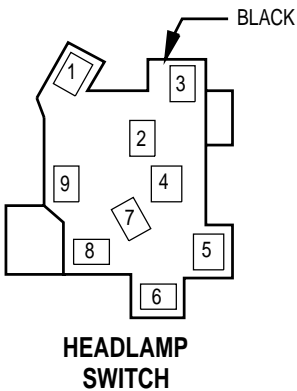


CAV	CIRCUIT	FUNCTION
1	-	-
2	A3 14RD/WT	FUSED B(+)
3	-	-
4	Z1 18BK	GROUND
5	-	-
6	L2 14LG	HEADLAMP SWITCH OUTPUT
	L2 14LG •	HEADLAMP SWITCH OUTPUT
7	-	-
8	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)

• EXCEPT BUILT-UP-EXPORT

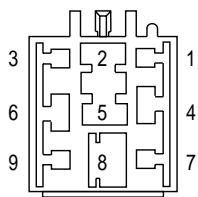


CAV	CIRCUIT	FUNCTION
1	-	-
2	L13 20BR/YL	HEADLAMP ADJUST SIGNAL
3	L44 20VT/RD	FUSED RIGHT LOW BEAM OUTPUT
4	-	-
5	Z15 20BK/GY	GROUND
6	-	-



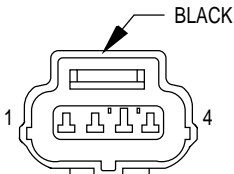
CAV	CIRCUIT	FUNCTION
1	E1 20TN	PANEL LAMPS DIMMER SWITCH SIGNAL
2	L2 14LG	HEADLAMP SWITCH OUTPUT
3	M2 20YL	COURTESY LAMPS DRIVER
4	F34 18TN/BK	FUSED B(+)
	F34 18TN/BK •	FUSED B(+)
5	G26 20LB	KEY-IN IGNITION SWITCH SENSE
6	G16 20BK/LB	DRIVER DOOR AJAR SWITCH SENSE
7	L20 14LG/WT	FUSED B (+)
8	A3 14RD/WT	FUSED B (+)
	A3 14RD/WT	FUSED B (+)
9	L7 18BK/YL	HEADLAMP SWITCH OUTPUT

• LHD EXCEPT BUILT-UP-EXPORT



HEATED SEAT  
RELAY

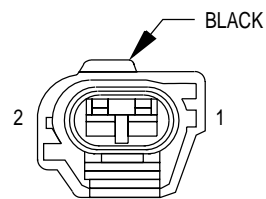
CAV	CIRCUIT	FUNCTION
1	-	-
2	F235 16RD	B(+) TO HEATED SEAT MODULE
	F235 16RD	B(+) TO HEATED SEAT MODULE
3	-	-
4	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	-	-
6	Z1 18BK	GROUND
7	-	-
8	F37 14RD/LB	FUSED B(+)



IDLE AIR  
CONTROL  
MOTOR

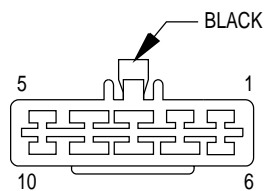
CAV	CIRCUIT	FUNCTION
1	K59 18VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
2	K40 18BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
3	K60 18YL/BK	IDLE AIR CONTROL NO. 2 DRIVER
4	K39 18GY/RD	IDLE AIR CONTROL NO. 1 DRIVER





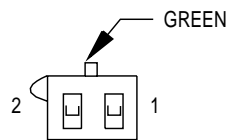
IGNITION COIL  
(2.5L GAS)

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K19 18GY	IGNITION COIL NO. 1 DRIVER



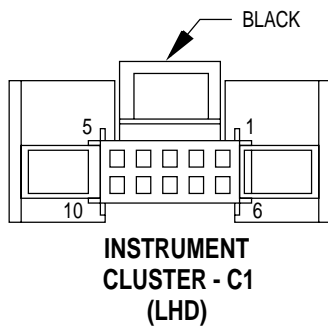
IGNITION  
SWITCH - C1

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	G9 20GY/BK	RED BRAKE WARNING INDICATOR DRIVER
3	A2 12PK/BK	FUSED B(+)
4	A22 12BK/OR	IGNITION SWITCH OUTPUT (RUN)
5	-	-
6	-	-
7	A1 12RD	FUSED B(+)
8	A31 12BK/WT	IGNITION SWITCH OUTPUT (RUN-ACC)
9	A21 12DB	IGNITION SWITCH OUTPUT (ST-RUN)
10	A41 14YL	IGNITION SWITCH OUTPUT (START)

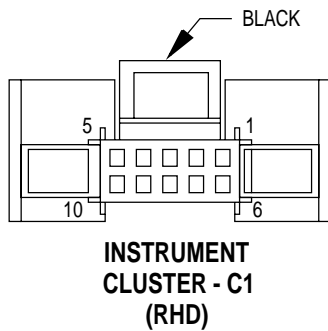


IGNITION  
SWITCH - C2

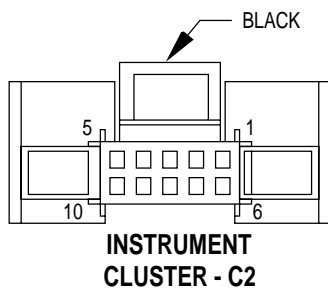
CAV	CIRCUIT	FUNCTION
1	G26 20LB	KEY-IN IGNITION SWITCH SENSE
2	G16 20BK/LB	DRIVER DOOR AJAR SWITCH SENSE



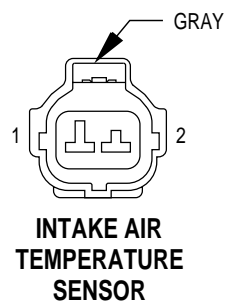
CAV	CIRCUIT	FUNCTION
1	G78 20TN/BK	LIFTGATE AJAR SWITCH SENSE
2	G99 20GY/WT	RED BRAKE WARNING INDICATOR DRIVER
3	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
4	G19 20LG/OR	ABS WARNING INDICATOR DRIVER
5	G34 16RD/GY	HIGH BEAM INDICATOR DRIVER
6	Z2 20BK/LG	GROUND
7	G29 20BK/LB	LOW WASHER FLUID SENSE
8	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (START-RUN)
9	M1 20PK	FUSED B(+)
10	L61 20LG/WT	LEFT TURN SIGNAL



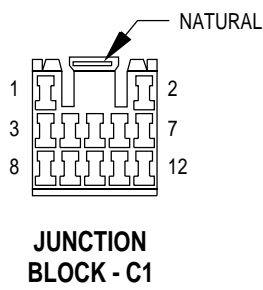
CAV	CIRCUIT	FUNCTION
1	G78 20TN/BK	LIFTGATE AJAR SWITCH SENSE
2	G99 20GY/WT	RED BRAKE WARNING INDICATOR DRIVER
3	E2 20OR	FUSED PANEL LAMPS SWITCH SIGNAL
4	G19 20LG/OR	ABS WARNING INDICATOR DRIVER
5	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
6	Z2 20BK/LG	GROUND
7	G29 20BK/LB	LOW WASHER FLUID SENSE
8	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (START-RUN)
9	M1 20PK	FUSED B(+)
10	L61 20LG/WT	LEFT TURN SIGNAL



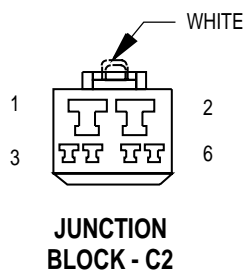
CAV	CIRCUIT	FUNCTION
1	D2 20WT/BK	CCD BUS (-)
2	D1 20VT/BR	CCD BUS (+)
3	C81 20LB/WT	REAR WINDOW DEFOGGER RELAY CONTROL
4	C80 20DB/WT	REAR WINDOW DEFOGGER SWITCH SENSE
5	G107 20BK/RD	4WD SWITCH SENSE (PART-TIME)
6	L60 20TN	RIGHT TURN SIGNAL
7	G106 20BK/WT	4WD SWITCH SENSE (FULL-TIME)
8	G26 20LB	KEY-IN IGNITION SWITCH SENSE
9	Z2 18BK/LG	GROUND
10	G10 20LG/RD	SEAT BELT SWITCH SENSE



CAV	CIRCUIT	FUNCTION
1	K167 20BR/YL	SENSOR GROUND
2	K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL

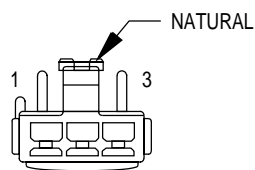


CAV	CIRCUIT	FUNCTION
1	L44 20VT/RD	FUSED RIGHT LOW BEAM OUTPUT
2	-	-
3	F45 20YL/RD	FUSED B(+) ENGINE STARTER MOTOR RELAY
4	-	-
5	L78 18DG/YL ●	FUSED HEADLAMP SWITCH OUTPUT
5	L78 20DG/YL ▲	FUSED HEADLAMP SWITCH OUTPUT
6	F15 20DB/WT ●●	FUSED IGNITION SWITCH OUTPUT (RUN)
7	-	-
8	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	L33 20RD	FUSED LEFT HIGH BEAM OUTPUT
10	L43 20VT	FUSED LEFT LOW BEAM OUTPUT
11	L34 20RD/OR	FUSED RIGHT HIGH BEAM OUTPUT
12	M1 20PK	FUSED B(+)



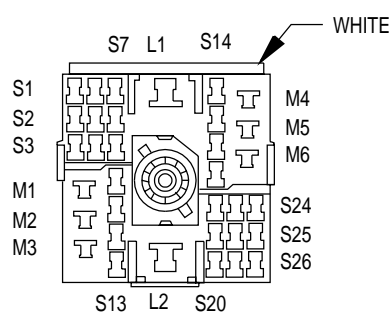
CAV	CIRCUIT	FUNCTION
1	A4 12BK/PK	FUSED B(+)
2	A7 10RD/BK	FUSED B(+)
3	-	-
4	X2 20DG/RD	HORN RELAY OUTPUT
5	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
6	L77 20BR/YL ▲	FUSED HEADLAMP SWITCH OUTPUT
6	L77 18BR/YL ●	FUSED HEADLAMP SWITCH OUTPUT

▲ GAS  
● DIESEL  
●● 4.0L AND DIESEL



JUNCTION  
BLOCK - C3

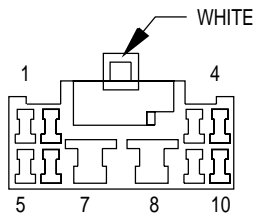
CAV	CIRCUIT	FUNCTION
1	M2 20YL	COURTESY LAMPS DRIVER
2	Z1 20BK	GROUND
3	M1 20PK	FUSED B(+)



JUNCTION  
BLOCK - C4

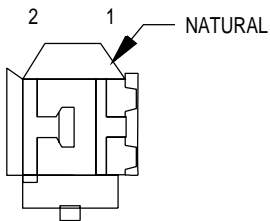
CAV	CIRCUIT	FUNCTION
L1	A31 12BK/WT	IGNITION SWITCH OUTPUT (RUN-ACC)
L2	A21 12DB	IGNITION SWITCH OUTPUT (ST-RUN)
M1	A41 14YL	IGNITION SWITCH OUTPUT (ST)
M2	A22 12BK/OR	IGNITION SWITCH OUTPUT (RUN)
M3	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
M4	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
M5	F38 16RD/LB	FUSED B(+)
M6	F30 16RD	CIGAR LIGHTER RELAY OUTPUT
S1	E1 20TN	PANEL LAMPS DIMMER SWITCH SIGNAL
S2	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
S3	L4 16VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
S4	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
S5	Z1 14BK	GROUND
S6	-	-
S7	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
S8	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)
S9	X12 16RD/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
S10	-	-
S11	V23 18BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
S12	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
S13	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
S14	-	-
S15	-	-
S16	-	-
S17	-	-
S18	M1 20PK	FUSED B(+)
S19	C16 20LB/YL	FUSED REAR WINDOW DEFFOGGER RELAY OUTPUT
S19	C16 20BK/WT	FUSED REAR WINDOW DEFFOGGER RELAY OUTPUT
S20	L5 20BK	FUSED IGNITION SWITCH OUTPUT (RUN)
S21	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
S22	X3 20BK/RD	HORN RELAY CONTROL
S23	F23 18DB/YL	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
S24	-	-
S25	M2 20YL	COURTESY LAMPS DRIVER
S26	C81 20LB/WT	REAR WINDOW DEFOGGER RELAY CONTROL

- OVERHEAD CONSOLE
- LHD
- RHD



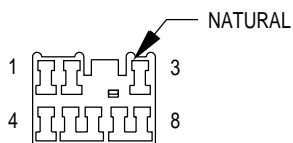
JUNCTION  
BLOCK - C5

CAV	CIRCUIT	FUNCTION
1	X3 20BK/RD	HORN RELAY CONTROL
2	P76 20OR/YL	MIRROR COMMON DRIVER
3	P91 20WT/BK	MIRROR COMMON DRIVER
4	-	-
5	C16 20LB/YL ▲▲	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
6	-	-
7	F35 16RD ▲▲	FUSED B(+)
8	F81 12TN	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	P74 20DB ▲▲	LEFT POWER MIRROR HORIZONTAL DRIVER
9	P74 20DB ■■	RIGHT POWER MIRROR HORIZONTAL DRIVER
10	P72 20YL/BK ▲▲	LEFT POWER MIRROR VERTICAL DRIVER
10	P72 20YL/BK ■■	RIGHT POWER MIRROR VERTICAL DRIVER



JUNCTION  
BLOCK - C6

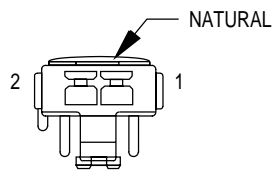
CAV	CIRCUIT	FUNCTION
1	C15 12BK/WT	REAR WINDOW DEFOGGER RELAY OUTPUT
2	F37 14RD/LB ■	FUSED B(+)



JUNCTION  
BLOCK - C7

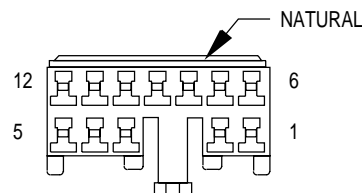
CAV	CIRCUIT	FUNCTION
1	P33 16OR/BK ●	DOOR LOCK DRIVER
2	L77 18BR/YL	FUSED HEADLAMP SWITCH OUTPUT
3	P91 20WT/BK ●●	MIRROR COMMON DRIVER
4	M1 20PK	FUSED B(+)
5	P34 16PK/BK ●	DOOR UNLOCK DRIVER
6	L78 18DG/YL	FUSED HEADLAMP SWITCH OUTPUT
7	M2 20YL	COURTESY LAMPS DRIVER
8	A6 20RD/OR	FUSED B(+)

- FULL OPTIONS
- RHD EXCEPT FULL OPTIONS
- ▲ BASE
- ▲▲ RHD
- POWER SEATS
- LHD



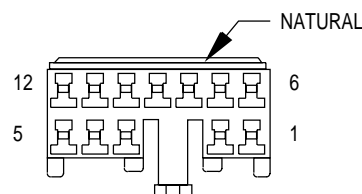
JUNCTION  
BLOCK - C8

CAV	CIRCUIT	FUNCTION
1	F81 14TN	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-



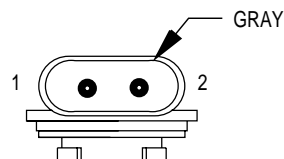
JUNCTION  
BLOCK - C9  
(LHD)

CAV	CIRCUIT	FUNCTION
1	P33 16OR/BK	DOOR LOCK DRIVER
2	P74 20DB	● RIGHT POWER MIRROR HORIZONTAL DRIVER
3	C16 20BK/WT	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
4	-	-
5	-	-
6	P72 20YL/BK	● RIGHT POWER MIRROR VERTICAL DRIVER
7	P91 20WT/BK	● COMMON MIRROR DRIVER
8	-	-
9	F35 16RD	FUSED B(+)
10	P76 20OR/YL	● MIRROR COMMON DRIVER
11	Z1 18BK	● GROUND
11	Z1 16BK	▲ GROUND
12	P34 16PK/BK	DOOR UNLOCK DRIVER



JUNCTION  
BLOCK - C9  
(RHD)

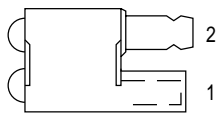
CAV	CIRCUIT	FUNCTION
1	P33 16OR/BK	DOOR LOCK DRIVER
2	P75 20DB/WT	LEFT POWER MIRROR HORIZONTAL DRIVER
3	C16 20BK/WT	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
4	-	-
5	-	-
6	P71 20YL/LB	LEFT POWER MIRROR VERTICAL DRIVER
7	P91 20WT/BK	● MIRROR COMMON DRIVER
8	-	-
9	-	-
10	P76 20OR/YL	MIRROR COMMON DRIVER
11	Z1 16BK	● GROUND
12	P34 16PK/BK	DOOR UNLOCK DRIVER



LEFT BACK-UP  
LAMP

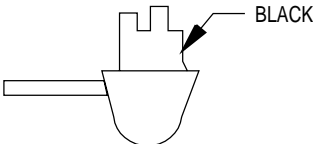
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L10 18BR/LG	BACK-UP LAMP FEED

● POWER MIRROR  
▲ FULL OPTIONS



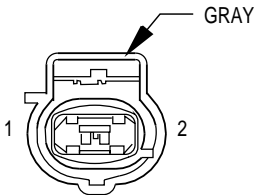
LEFT CITY  
LAMP  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	L77 20BR	FUSED HEADLAMP SWITCH OUTPUT
2	Z1 20BK	GROUND



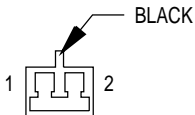
LEFT  
COURTESY LAMP

CAV	CIRCUIT	FUNCTION
1	M1 18PK	FUSED B(+)
2	M2 18BK/WT	COURTESY LAMPS DRIVER



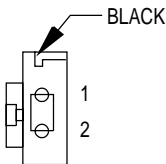
LEFT FOG  
LAMP

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	L39 20LB	FOG LAMP RELAY OUTPUT



LEFT FRONT  
DOOR SPEAKER

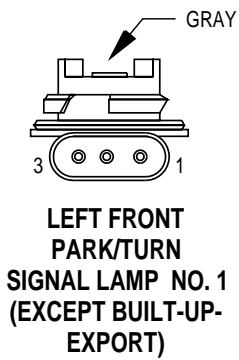
CAV	CIRCUIT	FUNCTION
1	X85 18BK/RD ●	AMPLIFIED LEFT FRONT DOOR SPEAKER (-)
1	X55 18LG/RD ●●	LEFT FRONT SPEAKER (-)
1	X85 18LG/RD ▲	AMPLIFIED LEFT FRONT DOOR SPEAKER (-)
2	X87 18DG ●	AMPLIFIED LEFT FRONT DOOR SPEAKER (+)
2	X53 18LG/BK ●●	LEFT FRONT SPEAKER (+)
2	X87 18LG/BK ▲	AMPLIFIED LEFT FRONT DOOR SPEAKER (+)



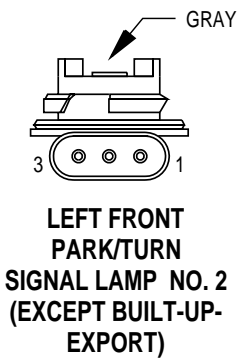
LEFT FRONT  
DOOR TWEETER

CAV	CIRCUIT	FUNCTION
1	X85 18LG/RD	AMPLIFIED LEFT FRONT DOOR SPEAKER (-)
2	X87 18LG/BK	AMPLIFIED LEFT FRONT DOOR SPEAKER (+)

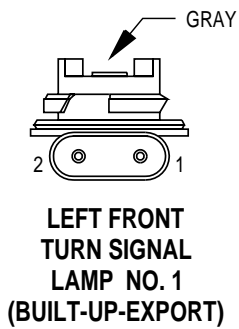
- 6 SPEAKER LHD
- ▲ 6 SPEAKER RHD
- 4 SPEAKER



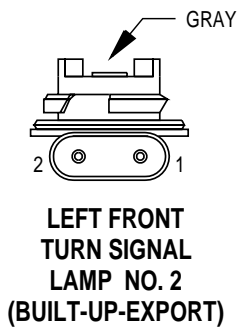
CAV	CIRCUIT	FUNCTION
1	L61 18LG	LEFT TURN SIGNAL
2	L77 18BR	FUSED HEADLAMP SWITCH OUTPUT
3	Z1 18BK	GROUND



CAV	CIRCUIT	FUNCTION
1	L61 18LG	LEFT TURN SIGNAL
2	L77 18BR	FUSED HEADLAMP SWITCH OUTPUT
3	Z1 18BK	GROUND

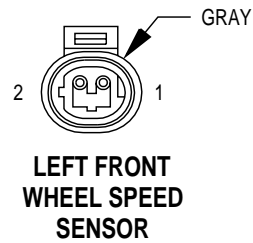


CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L61 18LG	LEFT TURN SIGNAL

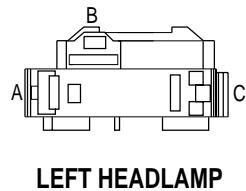


CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L61 18LG	LEFT TURN SIGNAL

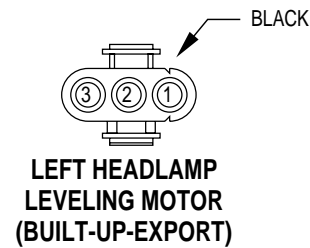




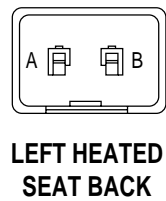
CAV	CIRCUIT	FUNCTION
1	B8 18RD/DB	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B9 18RD	LEFT FRONT WHEEL SPEED SENSOR (+)



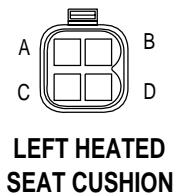
CAV	CIRCUIT	FUNCTION
A	L33 18RD	FUSED LEFT HIGH BEAM OUTPUT
	L33 20RD	FUSED LEFT HIGH BEAM OUTPUT
B	L43 18VT	FUSED LEFT LOW BEAM OUTPUT
C	Z1 18BK	GROUND



CAV	CIRCUIT	FUNCTION
1	L43 18VT	FUSED LEFT LOW BEAM OUTPUT
2	L13 18BR/YL	HEADLAMP ADJUST SIGNAL
3	Z15 18BK/GY	GROUND

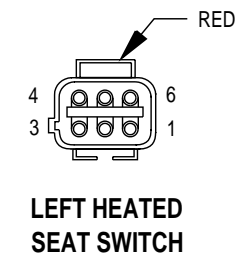


CAV	CIRCUIT	FUNCTION
A	P88 18BR/BK	LEFT HEATED SEAT BACK DRIVER
B	Z1 18BK	GROUND



CAV	CIRCUIT	FUNCTION
A	P87 18BK/OR	LEFT HEATED SEAT DRIVER
B	P88 18BR/BK	LEFT HEATED SEAT BACK DRIVER
C	P141 18TN/LB	SENSOR FEED
D	P143 18BK/DG	LEFT HEAT SENSE INPUT

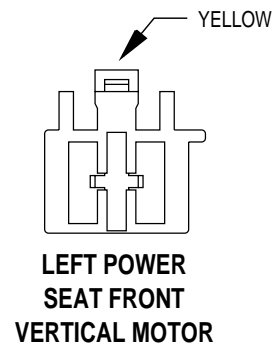
• FOG LAMPS



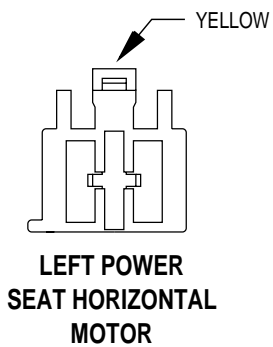
CAV	CIRCUIT	FUNCTION
1	P137 18VT	LEFT SEAT LOW HEAT LED DRIVER
2	-	-
3	Z1 18BK	GROUND
4	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	P139 18VT/WT	LEFT SEAT HIGH HEAT LED DRIVER
6	P133 18TN/DG	LEFT SEAT HEATER SWITCH MUX



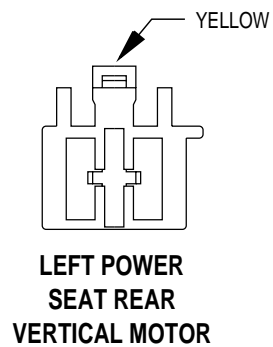
CAV	CIRCUIT	FUNCTION
1	L78 18BK/YL	FUSED HEADLAMP SWITCH OUTPUT
2	Z1 18BK	GROUND



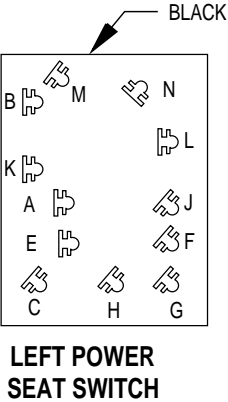
CAV	CIRCUIT	FUNCTION
1	P19 14YL/LG	LEFT POWER SEAT FRONT UP
2	P21 14RD/LG	LEFT POWER SEAT FRONT DOWN



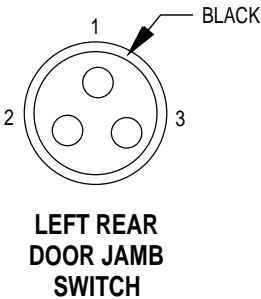
CAV	CIRCUIT	FUNCTION
1	P17 14RD/LB	LEFT POWER SEAT HORIZONTAL REARWARD
2	P15 14YL/LB	LEFT POWER SEAT HORIZONTAL FORWARD



CAV	CIRCUIT	FUNCTION
1	P13 14RD/WT	LEFT POWER SEAT REAR DOWN
2	P11 14YL/WT	LEFT POWER SEAT REAR UP



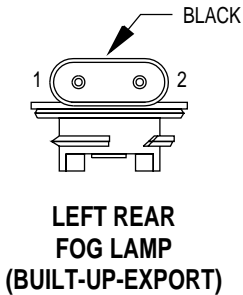
CAV	CIRCUIT	FUNCTION
A	F37 14RD	FUSED B(+)
B	Z1 14BK	GROUND
C	-	-
E	P13 14RD/WT	LEFT POWER SEAT REAR DOWN
F	-	-
G	-	-
H	-	-
J	P11 14YL/WT	LEFT POWER SEAT REAR UP
K	P17 14RD/LB	LEFT POWER SEAT HORIZONTAL REARWARD
L	P15 14YL/LB	LEFT POWER SEAT HORIZONTAL FORWARD
M	P19 14YL/LG	LEFT POWER SEAT FRONT UP
N	P21 14RD/LG	LEFT POWER SEAT FRONT DOWN



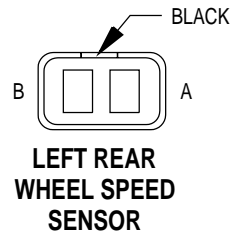
CAV	CIRCUIT	FUNCTION
1	-	-
2	Z1 18BK	GROUND
3	M2 18YL	COURTESY LAMPS DRIVER



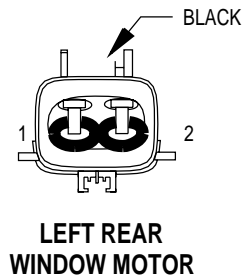
CAV	CIRCUIT	FUNCTION
1	P34 16PK/BK	DOOR UNLOCK DRIVER
2	P33 16OR/BK	DOOR LOCK DRIVER



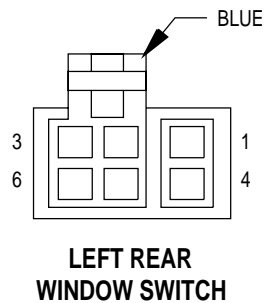
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L38 18OR/WT	REAR FOG LAMP FEED



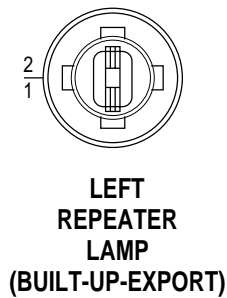
CAV	CIRCUIT	FUNCTION
A	B3 20LG/DB	LEFT REAR WHEEL SPEED SENSOR (-)
B	B4 20LG	LEFT REAR WHEEL SPEED SENSOR (+)



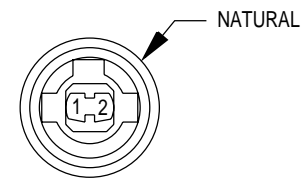
CAV	CIRCUIT	FUNCTION
1	Q13 14DB	POWER WINDOW LEFT REAR B(+) UP
2	Q23 14RD/WT	LEFT REAR WINDOW DRIVER DOWN



CAV	CIRCUIT	FUNCTION
1	Q13 14DB	POWER WINDOW LEFT REAR B(+) UP
2	Q27 14RD/BK	LEFT REAR WINDOW DRIVER DOWN
3	-	
4	Q17 14DB/WT	LEFT REAR WINDOW DRIVER UP
5	Q23 14RD/WT	LEFT REAR WINDOW DRIVER DOWN
6	Q1 14YL	POWER WINDOW SWITCH FEED



CAV	CIRCUIT	FUNCTION
1	L61 18GY	LEFT TURN SIGNAL
2	Z1 18BK	GROUND

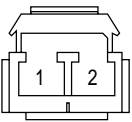


LEFT SIDE  
MARKER LAMP  
(EXCEPT BUILT  
-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	L77 20BR	FUSED LEFT HEADLAMP SWITCH OUTPUT
2	L61 20LG	LEFT TURN SIGNAL

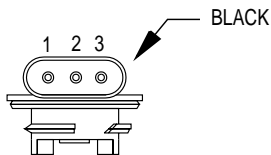
LEFT  
SOUNDBAR  
SPEAKER

CAV	CIRCUIT	FUNCTION
A	X57 18BR/LB	LEFT REAR SPEAKER (-)
A	X91 16BR/DB	AMPLIFIED LEFT REAR SPEAKER (+)
B	X51 18BR/YL	LEFT REAR SPEAKER (+)
B	X93 16BR/YL	AMPLIFIED LEFT REAR SPEAKER (-)



LEFT SPEED  
CONTROL  
SWITCH

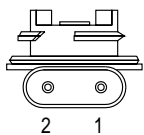
CAV	CIRCUIT	FUNCTION
1	K167 20BR/YL	SENSOR GROUND
2	V37 20RD/LG	SPEED CONTROL SWITCH SIGNAL



LEFT TAIL/  
STOP LAMP

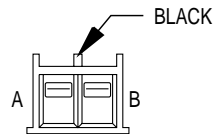
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L77 18BR	FUSED LEFT HEADLAMP SWITCH OUTPUT
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT

- 4 SPEAKER SYSTEM
- ▲ 6 SPEAKER SYSTEM



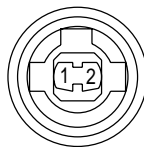
LEFT TURN  
SIGNAL LAMP

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L63 18DG/RD	LEFT TURN SIGNAL



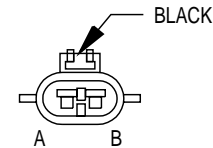
LEFT VISOR/  
VANITY  
LAMP

CAV	CIRCUIT	FUNCTION
A	M1 20PK	FUSED B(+)
B	Z1 20BK	GROUND



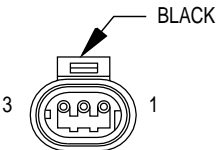
LICENSE LAMP

CAV	CIRCUIT	FUNCTION
1	L78 18BK/YL	FUSED HEADLAMP SWITCH OUTPUT
2	Z1 18BK	GROUND



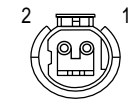
LIFTGATE  
LOCK MOTOR

CAV	CIRCUIT	FUNCTION
A	P33 16OR/BK	DOOR LOCK DRIVER
B	P34 16PK/BK	DOOR UNLOCK DRIVER



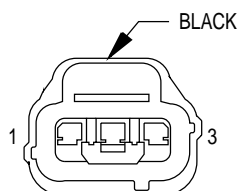
LIFTGATE  
SWITCH

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	G78 20TN/BK	LIFTGATE AJAR SWITCH SENSE
3	M4 20VT/YL	LIFTGATE COURTESY LAMP DRIVER



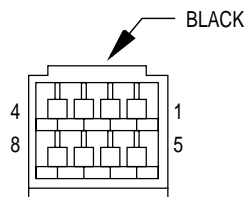
LOW COOLANT  
SWITCH  
(DIESEL)

CAV	CIRCUIT	FUNCTION
1	G18 18PK/BK	COOLANT LEVEL SWITCH SIGNAL
2	K167 20BR/YL	SENSOR GROUND



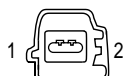
**MANIFOLD  
ABSOLUTE  
PRESSURE  
SENSOR**

CAV	CIRCUIT	FUNCTION
1	K167 20BR/YL	SENSOR GROUND
2	K1 18DG/RD	MANIFOLD ABSOLUTE PRESSURE SENSOR SIGNAL
3	K7 20OR	5V SUPPLY



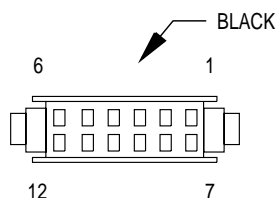
**MESSAGE  
CENTER  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
2	-	-
3	-	-
4	K185 20OR/LB	WAIT TO START INDICATOR DRIVER
5	-	-
6	-	-
7	G86 20TN/OR	WATER IN FUEL INDICATOR DRIVER
8	G154 20VT/LG	LOW COOLANT INDICATOR DRIVER



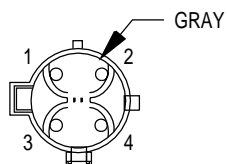
**NEEDLE  
MOVEMENT  
SENSOR  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	K67 18BR/BK	NEEDLE MOVEMENT SENSOR (+)
2	K68 18LG/YL	NEEDLE MOVEMENT SENSOR (-)



**OVERHEAD  
MODULE**

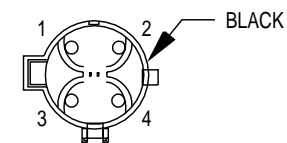
CAV	CIRCUIT	FUNCTION
1	M2 20YL	COURTESY LAMPS DRIVER
2	M1 20PK	FUSED B(+)
3	Z1 20BK	GROUND
4	-	-
5	P55 20DB	DOOR UNLOCK RELAY CONTROL
6	D1 20VT/BR	CCD BUS(+)
7	-	-
8	-	-
9	Z1 20BK	GROUND
10	X3 20BK/RD	HORN RELAY CONTROL
11	P59 20LB/RD	DOOR LOCK CONTROL
12	D2 20WT/BK	CCD BUS(-)



**OXYGEN  
SENSOR 1/1  
UPSTREAM**

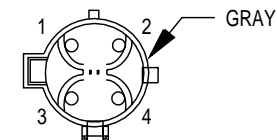
CAV	CIRCUIT	FUNCTION
1	A42 20DG ■■	FUSED AUTOMATIC SHUTDOWN RELAY OUTPUT
1	F142 20DG/WT ■	FUSED AUTOMATIC SHUTDOWN RELAY OUTPUT
2	Z1 20BK ■■	GROUND
2	Z1 18BK ■	GROUND
3	K167 20BR/YL	SENSOR GROUND
4	K41 18BK/DG	OXYGEN SENSOR 1/1 SIGNAL

■ 2.5L  
■■ 4.0L



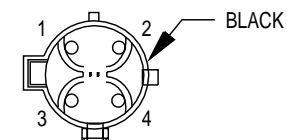
**OXYGEN  
SENSOR 1/2  
DOWNSTREAM**

CAV	CIRCUIT	FUNCTION
1	F142 20DG/WT ■	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
1	A242 20VT/OR ■■	OXYGEN SENSOR RELAY OUTPUT
2	Z1 20BK	GROUND
3	K167 20BR/YL	SENSOR GROUND
4	K141 18TN/WT	OXYGEN SENSOR 1/2 SIGNAL



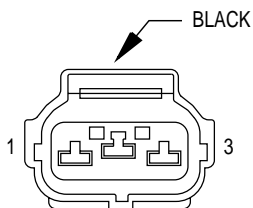
**OXYGEN  
SENSOR 2/1  
UPSTREAM  
(4.0L CALIFORNIA/  
EUROPEAN III)**

CAV	CIRCUIT	FUNCTION
1	A42 20DG	OXYGEN SENSOR RELAY OUTPUT
2	Z1 20BK	GROUND
3	K167 20BR/YL	SENSOR GROUND
4	K241 18LG/RD	OXYGEN SENSOR 2/1 SIGNAL



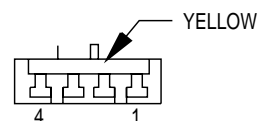
**OXYGEN  
SENSOR 2/2  
DOWNSTREAM  
(4.0L CALIFORNIA/  
EUROPEAN III)**

CAV	CIRCUIT	FUNCTION
1	A242 20VT/OR	OXYGEN SENSOR RELAY OUTPUT
2	Z1 20BK	GROUND
3	K167 20BR/YL	SENSOR GROUND
4	K341 18TN	OXYGEN SENSOR 2/2 SIGNAL



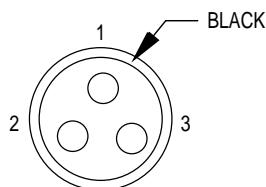
**PARK/NEUTRAL  
POSITION SWITCH  
(2.5L GAS A/T)**

CAV	CIRCUIT	FUNCTION
1	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
2	T41 18BK/WT	PARK/NETURAL POSITION SWITCH SENSE
3	L10 18BR/LG	BACK-UP LAMP FEED



**PASSENGER  
AIRBAG**

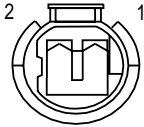
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	R42 18BK/YL	PASSENGER AIRBAG LINE 2
4	R44 18DG/YL	PASSENGER AIRBAG LINE 1



**PASSENGER  
DOOR JAMB  
SWITCH**

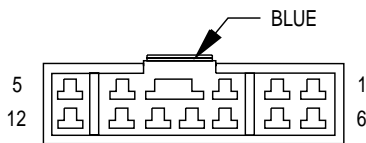
CAV	CIRCUIT	FUNCTION
1	M2 18YL	COURTESY LAMPS DRIVER
2	G16 18BK/LB	DRIVER DOOR AJAR SWITCH SENSE
3	Z1 18BK	GROUND





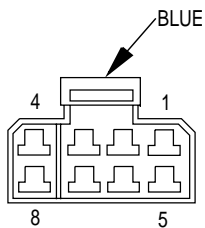
**PASSENGER DOOR  
LOCK MOTOR**

CAV	CIRCUIT	FUNCTION
1	P34 16PK/BK	DOOR UNLOCK DRIVER
2	P33 16OR/BK	DOOR LOCK DRIVER



**PASSENGER  
POWER  
LOCK/WINDOW  
SWITCH - C1  
(FULL OPTIONS)**

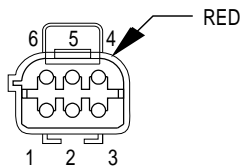
CAV	CIRCUIT	FUNCTION
1	P34 16PK/BK	DOOR UNLOCK DRIVER
2	Q22 14VT	PASSENGER FRONT WINDOW DRIVER DOWN
3	Q26 14VT/WT	MASTER WINDOW SWITCH PASSENGER FRONT DOWN
4	Q16 14BR/WT	MASTER WINDOW SWITCH PASSENGER FRONT UP
5	P33 16OR/BK	DOOR LOCK DRIVER
6	-	-
7	-	-
8	-	-
9	Q12 14BR	PASSENGER FRONT WINDOW DRIVER UP
10	Q1 14YL	POWER WINDOW SWITCH FEED
11	-	-
12	-	-



**PASSENGER  
POWER LOCK/WINDOW  
SWITCH - C2  
(FULL OPTIONS)**

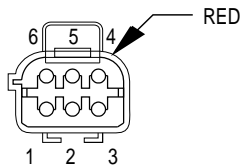
CAV	CIRCUIT	FUNCTION
1	P59 20LB/RD	DOOR LOCK CONTROL
2	P55 20DB/PK ■	DOOR UNLOCK RELAY CONTROL
2	P55 20DB ●●	DOOR UNLOCK RELAY CONTROL
3	P35 20OR/VT ■	DOOR LOCK SWITCH OUTPUT (LOCK)
3	P36 18PK/VT ●●	DOOR LOCK SWITCH OUTPUT (UNLOCK)
4	F81 14TN	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	F35 16RD	FUSED B(+)
6	Z1 14BK	GROUND
7	P36 20PK/VT ■	DOOR LOCK SWITCH OUTPUT (UNLOCK)
7	P35 18OR/VT ●●	DOOR LOCK SWITCH OUTPUT (LOCK)
8	G26 20LB	KEY-IN IGNITION SWITCH SENSE

■ LHD  
●● RHD



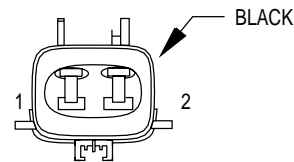
PASSENGER  
POWER MIRROR  
(LHD)

CAV	CIRCUIT	FUNCTION
1	P72 20YL/BK	RIGHT POWER MIRROR VERTICAL DRIVER
2	P74 20DB	RIGHT POWER MIRROR HORIZONTAL DRIVER
2	P76 20OR/YL	MIRROR COMMON DRIVER
3	P91 20WT/BK	MIRROR COMMON DRIVER
3	P74 20DB	RIGHT POWER MIRROR HORIZONTAL DRIVER
4	P76 20OR/YL	MIRROR COMMON DRIVER
5	C16 20BK/WT	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
6	Z1 18BK	GROUND



PASSENGER  
POWER MIRROR  
(RHD)

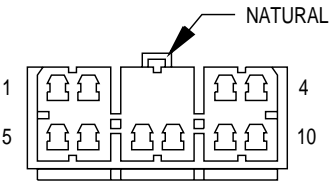
CAV	CIRCUIT	FUNCTION
1	P71 20YL	LEFT POWER MIRROR VERTICAL DRIVER
2	P75 20DB/WT	LEFT POWER MIRROR HORIZONTAL DRIVER
2	P76 20OR/YL	MIRROR COMMON DRIVER
3	P91 20WT/BK	MIRROR COMMON DRIVER
3	P75 20DB/RD	LEFT POWER MIRROR HORIZONTAL DRIVER
4	P76 20OR/YL	MIRROR COMMON DRIVER
5	C16 20BK/WT	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
5	C16 20LB/YL	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
6	Z1 16BK	GROUND



PASSENGER POWER  
WINDOW MOTOR

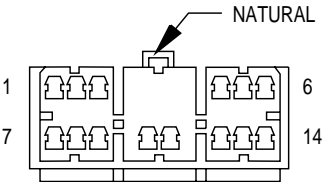
CAV	CIRCUIT	FUNCTION
1	Q12 14BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q22 14VT	RIGHT FRONT WINDOW DRIVER (DOWN)

● POWER MIRRORS  
▲ FULL OPTIONS



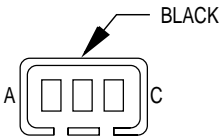
POWER  
AMPLIFIER - C1

CAV	CIRCUIT	FUNCTION
1	X55 18BR/RD	LEFT FRONT SPEAKER (-)
2	X56 18DB/RD	RIGHT FRONT SPEAKER (-)
3	X58 18DB/OR	RIGHT REAR SPEAKER (-)
4	X60 18DG/RD	RADIO 12V OUTPUT
5	X53 18DG	LEFT FRONT SPEAKER (+)
6	X54 18VT	RIGHT FRONT SPEAKER (+)
7	X51 18BR/YL	LEFT REAR SPEAKER (+)
8	X57 18BR/LB	LEFT REAR SPEAKER (-)
9	X52 18DB/WT	RIGHT REAR SPEAKER (+)
10	-	-



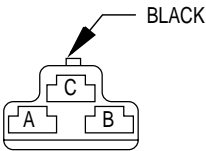
POWER  
AMPLIFIER - C2

CAV	CIRCUIT	FUNCTION
1	F75 16VT	FUSED B(+)
2	F75 16VT	FUSED B(+)
3	-	-
4	X87 18LG/VT	AMPLIFIED LEFT FRONT DOOR SPEAKER (+)
5	X94 18TN/RD	AMPLIFIED RIGHT REAR SPEAKER (+)
6	X93 18WT/RD	AMPLIFIED LEFT REAR SPEAKER (-)
7	Z5 16BK/LB	GROUND
8	Z5 16BK/LB	GROUND
9	-	-
10	X80 18LB/BK	AMPLIFIED RIGHT FRONT DOOR SPEAKER (-)
11	X82 18LB/RD	AMPLIFIED RIGHT FRONT DOOR SPEAKER (+)
12	X85 18BR/RD	AMPLIFIED LEFT FRONT DOOR SPEAKER (-)
13	X92 18TN/BK	AMPLIFIED RIGHT REAR SPEAKER (-)
14	X91 18WT/BK	AMPLIFIED LEFT REAR SPEAKER (+)



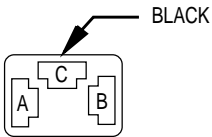
POWER ANTENNA  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
A	X13 18WT	RADIO CHOKE OUTPUT
B	X17 18GY	POWER ANTENNA UP (-)
C	X14 18DG	POWER ANTENNA B(+) DOWN



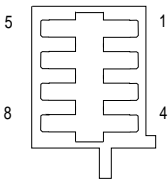
POWER ANTENNA  
RELAY - C1  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
A	Z1 18BK	GROUND
B	F34 18TN/BK	FUSED B(+)
C	X60 18DG/RD	RADIO 12V OUTPUT



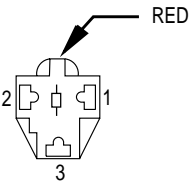
**POWER ANTENNA  
RELAY - C2  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
A	X13 18WT	RADIO CHOKE OUTPUT
B	X17 18GY	POWER ANTENNA UP (-)
C	X14 18DG	POWER ANTENNA B(+) DOWN



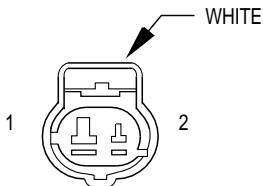
**POWER  
MIRROR  
SWITCH**

CAV	CIRCUIT	FUNCTION
1	Z1 20BK ●	GROUND
1	Z1 14BK ▲	GROUND
2	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	P74 20DB	RIGHT POWER MIRROR HORIZONTAL DRIVER
4	P72 20YL/BK	RIGHT POWER MIRROR VERTICAL DRIVER
5	P76 20OR/YL	MIRROR COMMON DRIVER
	P76 20OR/YL	MIRROR COMMON DRIVER
6	P91 20WT/BK	MIRROR COMMON DRIVER
	P91 20WT/BK	MIRROR COMMON DRIVER
7	P75 20 DB/WT	LEFT POWER MIRROR HORIZONTAL DRIVER
8	P71 20YL/LB ●	LEFT POWER MIRROR VERTICAL DRIVER
8	P71 20YL ▲	LEFT POWER MIRROR VERTICAL DRIVER



**POWER OUTLET**

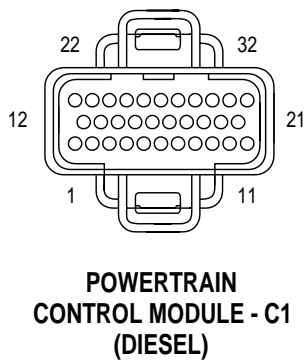
CAV	CIRCUIT	FUNCTION
1	F38 16RD/LB	FUSED B(+)
2	-	-
3	Z1 16BK	GROUND



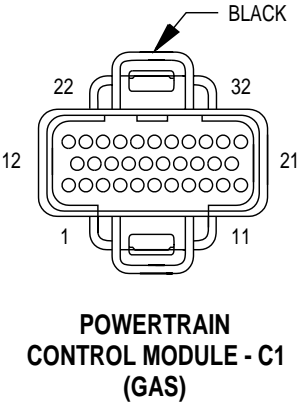
**POWER STEERING  
PRESSURE SWITCH  
(2.5L GAS)**

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	K10 18DB/BR	POWER STEERING PRESSURE SWITCH SENSE

● RHD  
▲ LHD

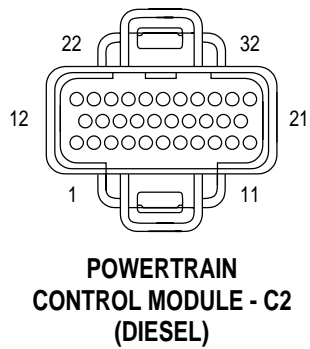


CAV	CIRCUIT	FUNCTION
1	-	-
2	A142 16DG/DR	AUTOMATIC SHUT DOWN RELAY OUTPUT
3	-	-
4	K167 18BR/YL	SENSOR GROUND
5	-	-
6	-	-
6	-	-
6	-	-
7	-	-
8	K159 18VT/RD	ENGINE SPEED SENSOR SIGNAL
9	-	-
10	-	-
11	-	-
12	G18 18PK/BK	COOLANT LEVEL SWITCH SIGNAL
13	-	-
14	-	-
15	-	-
16	K222 18TN/RD	ENGINE COOLANT TEMP SENSOR SIGNAL
17	K7 18OR	5V SUPPLY
18	G8 18LB/BK	FUEL MONITOR OUTPUT SIGNAL
19	-	-
20	-	-
21	-	-
22	F16 16RD/LG	FUSED B(+)
23	-	-
24	-	-
25	-	-
26	-	-
27	G123 18DG/WT	WATER IN FUEL SENSOR SIGNAL
28	-	-
29	-	-
30	-	-
31	Z12 14BK/TN	GROUND
32	Z12 14BK/TN	GROUND

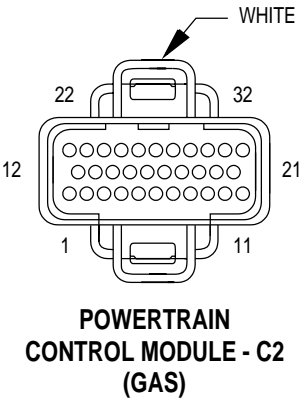


CAV	CIRCUIT	FUNCTION
1	K18 18RD/YL ▲▲	IGNITION COIL NO. 3 DRIVER
2	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
3	-	-
4	K167 18BR/YL	SENSOR GROUND
5	-	-
6	T41 18BK/WT ▼▼	PARK/NEUTRAL POSITION SWITCH SENSE
6	Z1 18BK ▼	GROUND
7	K19 18GY	IGNITION COIL NO. 1 DRIVER
8	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
9	-	-
10	K60 18YL/BK	IDLE AIR CONTROL NO. 2 DRIVER
11	K40 18BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
12	K10 18DB/BR ▲	POWER STEERING PRESSURE SWITCH SENSE
12	K78 18GY ●●	IDLE ACTUATOR
13	-	-
14	-	-
15	K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
17	K7 18OR	5V SUPPLY
18	K44 18TN/YL	CAMSHAFT POSITION SENSOR SIGNAL
19	K39 18GY/RD	IDLE AIR CONTROL NO. 1 DRIVER
20	K59 18VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
21	-	-
22	A61 14DG/BK	FUSED B(+)
23	K22 18OR/DB	THROTTLE POSITION SENSOR SIGNAL
24	K41 18BK/DG	OXYGEN SENSOR 1/1 SIGNAL
25	K141 18TN/WT	OXYGEN SENSOR 1/2 SIGNAL
26	K241 18LG/RD ■	OXYGEN SENSOR 2/1 SIGNAL
27	K1 18DG/RD	MANIFOLD ABSOLUTE PRESSURE SENSOR SIGNAL
28	-	-
29	K341 18TN ■	OXYGEN SENSOR 2/2 SIGNAL
30	-	-
31	Z12 14BK/TN	GROUND
32	Z12 14BK/TN	GROUND

- 4.0L CALIFORNIA/ BUILT-UP-EXPORT
- ▼ 2.5L M/T
- ▼▼ EXCEPT 2.5L M/T
- ▲▲ 4.0L
- ▲ 2.5L
- 2.5L A/T
- 4.0L A/T



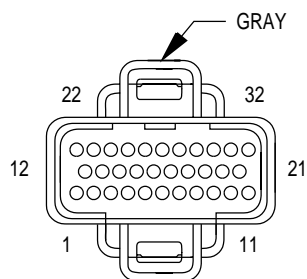
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	K20 18DG	GENERATOR FIELD
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	V66 18RD/LG	SPEED CONTROL INDICATOR SIGNAL
19	-	-
20	-	-
21	-	-
22	-	-
23	G60 18GY/YL	ENGINE OIL PRESSURE SENSOR SIGNAL
24	-	-
25	-	-
26	-	-
27	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-



CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	K11 18WT/DB	FUEL INJECTOR NO. 1 DRIVER
5	K13 18YL/WT	FUEL INJECTOR NO. 3 DRIVER
6	K15 18PK/BK •	FUEL INJECTOR NO. 5 DRIVER
7	-	-
8	-	-
9	K17 18DB/TN •	IGNITION COIL NO. 2 DRIVER
10	K20 18DG	GENERATOR FIELD
11	K54 18OR/BK ••	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
12	K16 18LG/BK •	FUEL INJECTOR NO. 6 DRIVER
13	-	-
14	-	-
15	K12 18TN	FUEL INJECTOR NO. 2 DRIVER
16	K14 18LB/BR	FUEL INJECTOR NO. 4 DRIVER
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	G60 18GY/YL	ENGINE OIL PRESSURE SENSOR SIGNAL
24	-	-
25	-	-
26	-	-
27	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL
28	-	-
29	-	-
30	-	-
31	K6 18VT/OR	5V SUPPLY
32	-	-

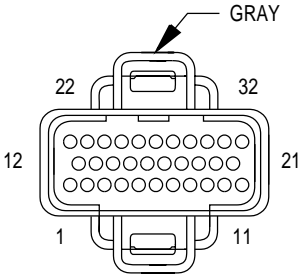
- 4.0L
- 2.5L A/T





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

CAV	CIRCUIT	FUNCTION
1	C103 18DG	A/C REQUEST OUTPUT
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	G154 18VT/LG	LOW COOLANT INDICATOR DRIVER
9	G86 18TN/OR	WATER IN FUEL INDICATOR DRIVER
10	-	-
11	-	-
12	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
13	-	-
14	-	-
15	K118 18PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL
16	G55 18OR/BK	ENGINE DISABLE SIGNAL
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	K48 18OR/RD	FAULT INDICATOR REQUEST INPUT
23	C90 18LG	A/C SWITCH SENSE
24	-	-
25	K72 18DG/OR	GENERATOR SOURCE
26	K226 18DB/LG	FUEL LEVEL SENSOR SIGNAL
27	D21 18PK	SCI TRANSMIT/ ISO 9141K
28	D2 18WT/BK	CCD BUS(-)
29	D20 18LG/BK	SCI RECEIVE
30	D1 18VT/BR	CCD BUS(+)
31	-	-
32	-	-



POWERTRAIN  
CONTROL  
MODULE - C3  
(GAS)

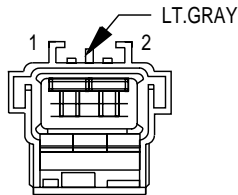
CAV	CIRCUIT	FUNCTION
1	C13 18DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
2	C27 18DB/PK	RADIATOR FAN RELAY CONTROL
3	K51 18DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
4	V36 18TN/RD	SPEED CONTROL VACUUM SOLENOID CONTROL
5	V35 18LG/RD	SPEED CONTROL VENT SOLENOID CONTROL
6	-	-
7	-	-
8	K73 18BR/OR ●●	OXYGEN SENSOR UPSTREAM RELAY CONTROL
9	K74 18BR/VT ●●	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
10	K106 18WT/DG ●	LEAK DETECTION PUMP SOLENOID CONTROL
11	V32 18YL/RD	SPEED CONTROL POWER SUPPLY
12	F142 18DG/WT	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
13	C48 18TN	RADIATOR FAN REQUEST
14	K105 18WT/OR ●	LEAK DETECTION PUMP SWITCH SENSE
15	K118 18PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL
16	-	-
17	-	-
18	-	-
19	K31 18BR	FUEL PUMP RELAY CONTROL
20	K52 18PK/BK	DUTY CYCLE EVAP/PURGE SOLENOID CONTROL
21	-	-
22	C22 18DB/WT	A/C SWITCH SENSE
23	C90 18LG	A/C SELECT INPUT
24	K29 18WT/PK	BRAKE LAMP SWITCH SENSE
25	K72 18DG/OR	GENERATOR DRIVER
26	K226 18DB/LG	FUEL LEVEL SENSOR SIGNAL
27	D21 18PK	SCI TRANSMIT/ ISO 9141K
28	D2 18WT/BK	CCD BUS (-)
29	D20 18LG/BK	SCI RECEIVE
30	D1 18VT/BR	CCD BUS (+)
31	-	-
32	V37 18RD/LG	SPEED CONTROL SWITCH SIGNAL

● LEAK DETECT  
●● 4.0L



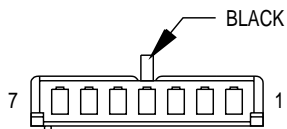
**PRNDL  
ILLUMINATION  
(A/T)**

CAV	CIRCUIT	FUNCTION
1	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
2	Z1 20BK	GROUND



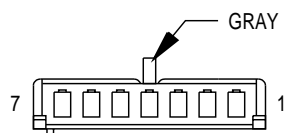
**RADIATOR  
FAN MOTOR**

CAV	CIRCUIT	FUNCTION
1	C25 12LB	RADIATOR FAN RELAY OUTPUT
2	Z1 12BK	GROUND



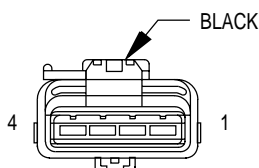
**RADIO - C1**

CAV	CIRCUIT	FUNCTION
1	X60 16DG/RD	RADIO 12V OUTPUT
2	X51 16BR/YL	LEFT REAR SPEAKER (+)
3	X52 16DB/WT	RIGHT REAR SPEAKER (+)
4	X53 16DG	LEFT FRONT SPEAKER (+)
5	X54 16VT	RIGHT FRONT SPEAKER (+)
6	X57 16BR/LB	LEFT REAR SPEAKER (-)
7	X58 16DB/OR	RIGHT REAR SPEAKER (-)



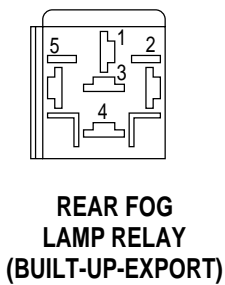
**RADIO - C2**

CAV	CIRCUIT	FUNCTION
1	-	-
2	X55 16BR/RD	LEFT FRONT SPEAKER (-)
3	X56 16DB/RD	RIGHT FRONT SPEAKER (-)
4	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
5	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
6	X12 16RD/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	M1 20PK	FUSED B(+)

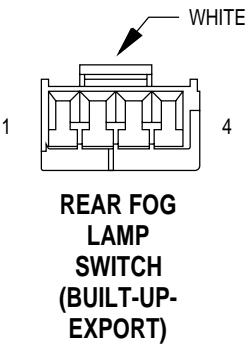


**RAIL COIL  
(4.0L GAS)**

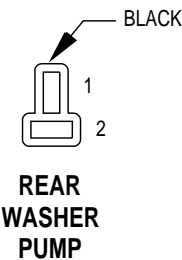
CAV	CIRCUIT	FUNCTION
1	K19 18GY	IGNITION COIL NO. 1 DRIVER
2	A142 18DG/OR	FUSED AUTOMATIC SHUT DOWN RELAY OUTPUT
3	K17 18DB/TN	IGNITION COIL NO. 2 DRIVER
4	K18 18RD/YL	IGNITION COIL NO. 3 DRIVER



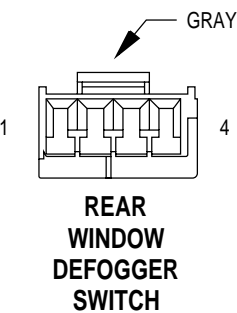
CAV	CIRCUIT	FUNCTION
1	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	L36 18LG/BK	REAR FOG LAMP
3	Z1 18BK	GROUND
4	L38 18BR/WT	REAR FOG LAMP FEED
	L38 18BR/WT •	REAR FOG LAMP FEED
5	L25 18BR	REAR FOG LAMP FEED



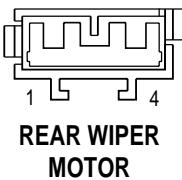
CAV	CIRCUIT	FUNCTION
1	Z15 18BK/GY ▲	GROUND
1	Z15 20BK/GY •	GROUND
2	L36 18LG/BK	REAR FOG LAMP
3	L38 18BR/WT	REAR FOG LAMP FEED
4	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL



CAV	CIRCUIT	FUNCTION
1	V20 18BK/WT	REAR WASHER MOTOR CONTROL
2	Z1 18BK	GROUND
	Z1 18BK ■	GROUND

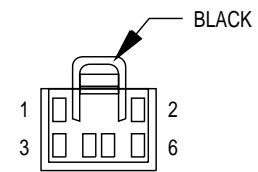


CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	C80 20DB/WT	REAR WINDOW DEFOGGER SWITCH SENSE
3	C16 20LB/YL	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
4	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL



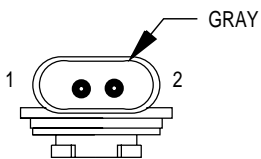
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	V20 18BK/WT	REAR WASHER MOTOR CONTROL
3	V13 18BR/LG	REAR REAR WIPER MOTOR CONTROL
4	V23 18BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN)

- GAS
- LHD
- ▲ RHD



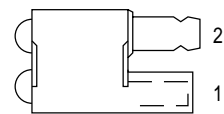
REAR WIPER/  
WASHER SWITCH

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	V20 18BK/WT	REAR WASHER MOTOR CONTROLLER
3	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
4	V13 18BR/LG	REAR WIPER MOTOR CONTROL
5	V23 18BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
6	V23 18BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN)



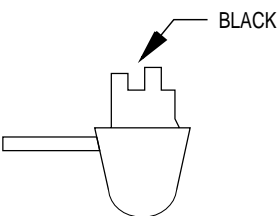
RIGHT BACK-UP  
LAMP

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L10 18BR/LG	BACK-UP LAMP FEED



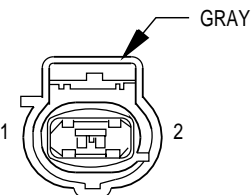
RIGHT CITY  
LAMP  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	L78 20DG/YL	FUSED HEADLAMP SWITCH OUTPUT
2	Z1 20BK	GROUND



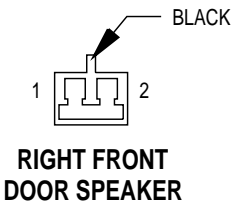
RIGHT COURTESY  
LAMP

CAV	CIRCUIT	FUNCTION
1	M1 18PK	FUSED B(+)
2	M2 18BK/WT	COURTESY LAMPS DRIVER

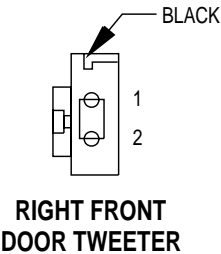


RIGHT  
FOG LAMP

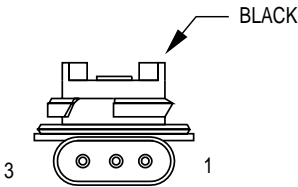
CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	L39 20LB	FOG LAMP RELAY OUTPUT



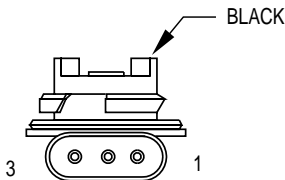
CAV	CIRCUIT	FUNCTION
1	X80 18LB/BK	AMPLIFIED RIGHT FRONT DOOR SPEAKER (-)
2	X82 18LB/RD	AMPLIFIED RIGHT FRONT DOOR SPEAKER (+)



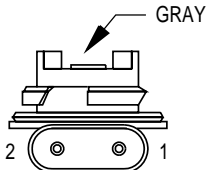
CAV	CIRCUIT	FUNCTION
1	X80 18LB/BK	AMPLIFIED RIGHT FRONT DOOR SPEAKER (-)
2	X82 18LB/RD	AMPLIFIED RIGHT FRONT DOOR SPEAKER (+)



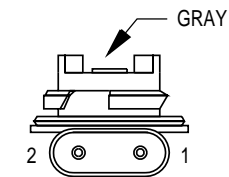
CAV	CIRCUIT	FUNCTION
1	L60 18TN	RIGHT TURN SIGNAL
2	L78 18DG/YL	FUSED HEADLAMP SWITCH OUTPUT
3	Z1 18BK	GROUND



CAV	CIRCUIT	FUNCTION
1	L60 18TN	RIGHT TURN SIGNAL
2	L78 18DG/YL	FUSED HEADLAMP SWITCH OUTPUT
3	Z1 18BK	GROUND



CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L60 18TN	RIGHT TURN SIGNAL



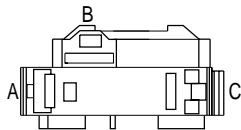
RIGHT FRONT  
TURN SIGNAL  
LAMP NO.2  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L60 18TN	RIGHT TURN SIGNAL



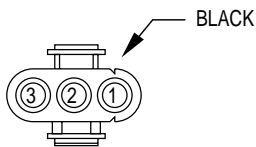
RIGHT FRONT  
WHEEL SPEED  
SENSOR

CAV	CIRCUIT	FUNCTION
1	B6 18WT/DB	RIGHT FRONT WHEEL SPEED SENSOR (-)
2	B7 18WT	RIGHT FRONT WHEEL SPEED SENSOR (+)



RIGHT  
HEADLAMP

CAV	CIRCUIT	FUNCTION
A	L34 18RD/OR	FUSED RIGHT HIGH BEAM OUTPUT
B	L44 18VT/RD	FUSED RIGHT LOW BEAM OUTPUT
C	Z1 18BK	GROUND



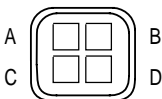
RIGHT HEADLAMP  
LEVELING MOTOR  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	L44 18VT/RD	FUSED RIGHT LOW BEAM OUTPUT
2	L13 18BK	HEADLAMP ADJUST SIGNAL
3	Z15 18BK/GY	GROUND



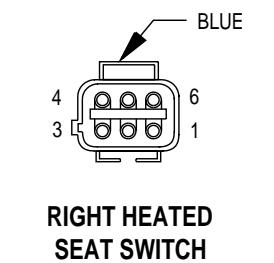
RIGHT HEATED  
SEAT BACK

CAV	CIRCUIT	FUNCTION
A	P89 18BR	RIGHT HEATED SEAT BACK DRIVER
B	Z1 18BK	GROUND

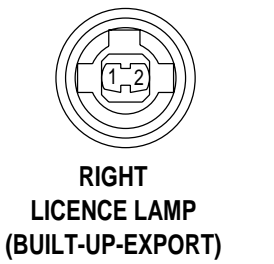


RIGHT HEATED  
SEAT CUSHION

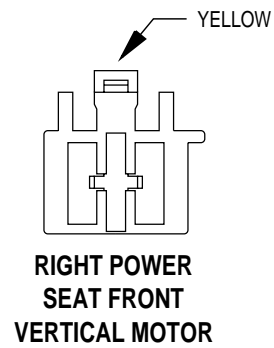
CAV	CIRCUIT	FUNCTION
A	P86 18PK/BK	RIGHT HEAT SEAT DRIVER
B	P89 18BR	RIGHT HEATED SEAT BACK DRIVER
C	P141 18TN/LB	SENSOR FEED
D	P144 18BK/YL	RIGHT HEAT SENSE INPUT



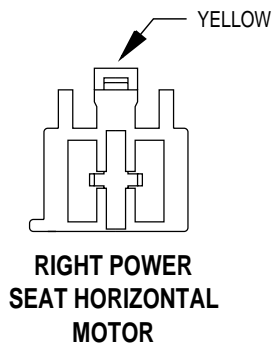
CAV	CIRCUIT	FUNCTION
1	P138 18VT/LG	RIGHT SEAT LOW HEAT LED DRIVER
2	-	-
3	Z1 18BK	GROUND
4	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	P140 18VT/BK	RIGHT SEAT HIGH HEAT LED DRIVER
6	P134 18TN/RD	RIGHT SEAT HEATER SWITCH MUX



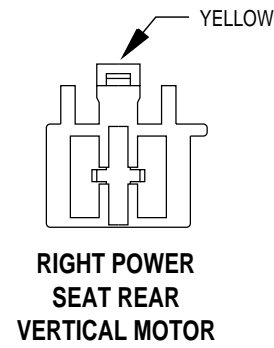
CAV	CIRCUIT	FUNCTION
1	L78 18BK/YL	FUSED HEADLAMP SWITCH OUTPUT
2	Z1 18BK	GROUND



CAV	CIRCUIT	FUNCTION
1	P18 14YL/LG	RIGHT POWER SEAT FRONT UP
2	P20 14RD/LG	RIGHT POWER SEAT FRONT DOWN

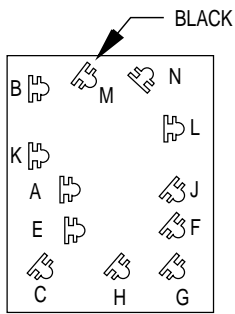


CAV	CIRCUIT	FUNCTION
1	P16 14RD/LB	RIGHT POWER SEAT HORIZONTAL REARWARD
2	P14 14YL/LB	RIGHT POWER SEAT HORIZONTAL FORWARD



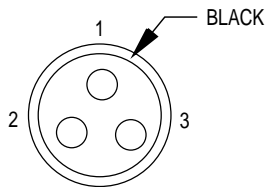
CAV	CIRCUIT	FUNCTION
1	P10 14YL/WT	RIGHT POWER SEAT REAR UP
2	P12 14RD/WT	RIGHT POWER SEAT REAR DOWN





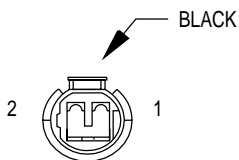
RIGHT POWER  
SEAT SWITCH

CAV	CIRCUIT	FUNCTION
A	Z1 14BK	GROUND
B	F37 14RD	FUSED B(+)
C	-	-
E	P10 14YL/WT	RIGHT POWER SEAT REAR UP
F	-	-
G	-	-
H	-	-
J	P12 14RD/WT	RIGHT POWER SEAT REAR DOWN
K	P14 14YL/LB	RIGHT POWER SEAT HORIZONTAL FORWARD
L	P16 14RD/LB	RIGHT POWER SEAT HORIZONTAL REARWARD
M	P18 14YL/LG	RIGHT POWER SEAT FRONT UP
N	P20 14RD/LG	RIGHT POWER SEAT FRONT DOWN



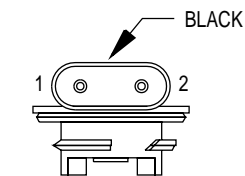
RIGHT REAR  
DOOR JAMB  
SWITCH

CAV	CIRCUIT	FUNCTION
1	-	-
2	Z1 18BK	GROUND
3	M2 18YL	COURTESY LAMPS DRIVER



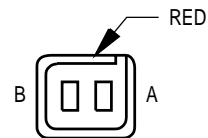
RIGHT REAR  
DOOR LOCK  
MOTOR

CAV	CIRCUIT	FUNCTION
1	P34 16PK/BK	DOOR UNLOCK DRIVER
2	P33 16OR/BK	DOOR LOCK DRIVER



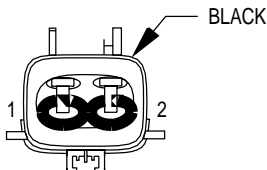
RIGHT REAR  
FOG LAMP  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L38 18OR/WT	REAR FOG LAMP FEED



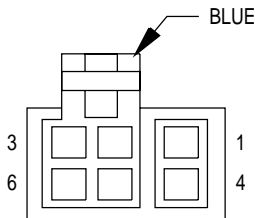
RIGHT REAR  
WHEEL SPEED  
SENSOR

CAV	CIRCUIT	FUNCTION
A	B1 20YL/DB	RIGHT REAR WHEEL SPEED SENSOR (-)
B	B2 20YL	RIGHT REAR WHEEL SPEED SENSOR (+)



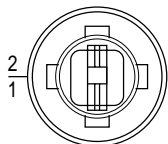
RIGHT REAR  
WINDOW MOTOR

CAV	CIRCUIT	FUNCTION
1	Q14 14GY	POWER WINDOW RIGHT REAR B(+) UP
2	Q24 14DG	RIGHT REAR WINDOW DRIVER DOWN



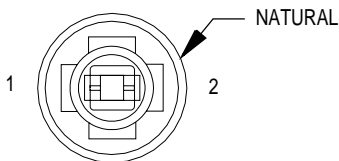
RIGHT REAR  
WINDOW SWITCH

CAV	CIRCUIT	FUNCTION
1	Q14 14GY	POWER WINDOW RIGHT REAR B(+) UP
2	Q28 14DG/WT	MASTER WINDOW SWITCH RIGHT REAR DOWN
3	-	-
4	Q18 14GY/BK	RIGHT REAR WINDOW DRIVER (UP)
5	Q24 14DG	RIGHT REAR WINDOW DRIVER (DOWN)
6	Q1 14YL	POWER WINDOW SWITCH FEED



RIGHT  
REPEATER  
LAMP  
(BUILT-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	L60 18GY	RIGHT TURN SIGNAL
2	Z1 18BK	GROUND



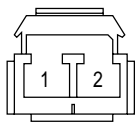
RIGHT SIDE  
MARKER LAMP  
(EXCEPT BUILT  
-UP-EXPORT)

CAV	CIRCUIT	FUNCTION
1	L78 20DG/YL	FUSED HEADLAMP SWITCH OUTPUT
2	L60 20TN	RIGHT TURN SIGNAL

RIGHT  
SOUNDBAR  
SPEAKER

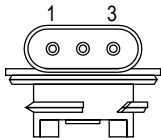
CAV	CIRCUIT	FUNCTION
A	X58 18DB/OR	● RIGHT REAR SPEAKER (-)
A	X92 16TN/BK	▲ AMPLIFIED RIGHT REAR SPEAKER (-)
B	X52 18DB/WT	● RIGHT REAR SPEAKER (+)
B	X94 16TN/RD	▲ AMPLIFIED RIGHT REAR SPEAKER (+)

● 4 SPEAKER SYSTEM  
▲ 6 SPEAKER SYSTEM



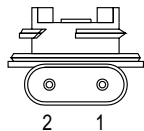
RIGHT SPEED  
CONTROL SWITCH

CAV	CIRCUIT	FUNCTION
1	K167 20BR/YL	SENSOR GROUND
2	V37 20RD/LG	SPEED CONTROL SWITCH SIGNAL



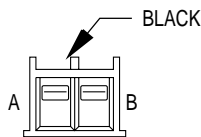
RIGHT TAIL/  
STOP LAMP

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L78 18DG/YL	FUSED HEADLAMP SWITCH OUTPUT
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT



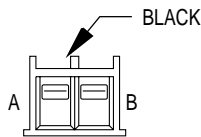
RIGHT TURN  
SIGNAL LAMP

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L62 18BR/RD	RIGHT TURN SIGNAL



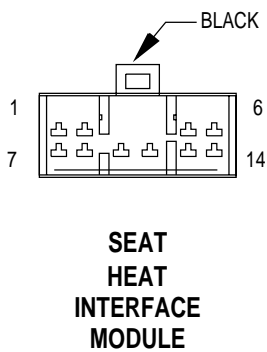
RIGHT VISOR/  
VANITY  
LAMP

CAV	CIRCUIT	FUNCTION
A	M1 20PK	FUSED B(+)
B	Z1 20BK	GROUND

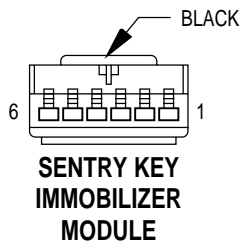


SEAT BELT  
SWITCH

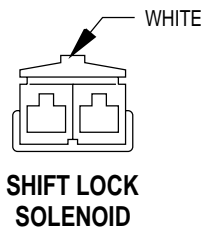
CAV	CIRCUIT	FUNCTION
A	G10 20LG/RD	SEAT BELT SWITCH SENSE
B	Z1 20BK	GROUND



CAV	CIRCUIT	FUNCTION
1	P133 18TN/DG	LEFT SEAT HEATER SWITCH MUX
2	P141 18TN/LB	SENSOR FEED
3	P86 18PK/BK	RIGHT HEAT ELEMENT OUTPUT
4	F235 16RD	HEATED SEAT RELAY OUTPUT
5	P87 18BK/OR	LEFT HEAT ELEMENT OUTPUT
6	F235 16RD	HEATED SEAT RELAY OUTPUT
7	P144 18BK/YL	RIGHT HEAT SENSE INPUT
8	P143 18BK/DG	LEFT HEAT SENSE INPUT
9	P134 18TN/RD	RIGHT SEAT HEATER SWITCH MUX
10	P138 18VT/LG	RIGHT SEAT LOW HEAT LED DRIVER
11	P140 18VT/BK	RIGHT SEAT HIGH HEAT LED DRIVER
12	P137 18VT	LEFT SEAT LOW HEAT LED DRIVER
13	Z2 18BK/LG	GROUND
14	P139 18VT/WT	LEFT SEAT HIGH HEAT LED DRIVER

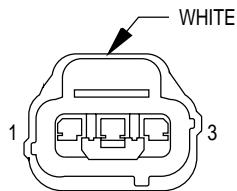


CAV	CIRCUIT	FUNCTION
1	D1 20VT/BR	CCD BUS (+)
2	D2 20WT/BK	CCD BUS (-)
3	Z2 20BK/LG	GROUND
4	F87 20WT/BK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
5	Z2 20BK/LG	GROUND
6	F1 20DB/GY	FUSED B(+)



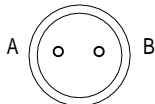
CAV	CIRCUIT	FUNCTION
1	K29 20WT/PK •	BRAKE SWITCH SENSE
1	K29 18WT/PK ••	BRAKE SWITCH SENSE
2	F15 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN)

• LHD  
•• RHD



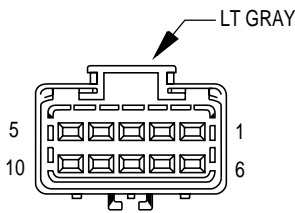
THROTTLE  
POSITION  
SENSOR

CAV	CIRCUIT	FUNCTION
1	K167 20BR/YL	SENSOR GROUND
2	K22 18OR/DB ▲▲	THROTTLE POSITION SENSOR SIGNAL
2	K22 20OR/DB ▲	THROTTLE POSITION SENSOR SIGNAL
3	K7 20OR	5V SUPPLY



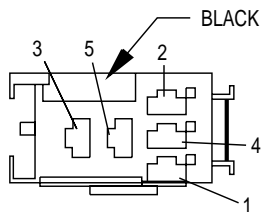
TORQUE CONVERTER  
CLUTCH SOLENOID  
(2.5L GAS A/T)

CAV	CIRCUIT	FUNCTION
A	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
B	K54 18OR/BK	TORQUE CONVERTER CLUTCH SOLENOID CONTROL



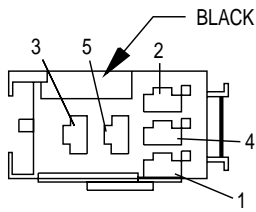
TRAILER TOW  
CONNECTOR

CAV	CIRCUIT	FUNCTION
1	-	-
2	L74 20LG	BRAKE LAMP SWITCH OUTPUT
3	L10 18BR/LG	BACK-UP LAMP FEED
4	A6 20RD/OR	FUSED B(+)
5	L77 20BR/YL	FUSED HEADLAMP SWITCH OUTPUT
6	-	-
7	B40 14LB	TRAILER TOW BRAKE B(+)
8	Z1 14BK	GROUND
9	-	-
10	L73 20YL	BRAKE LAMP SWITCH OUTPUT



TRAILER TOW  
LEFT TURN RELAY

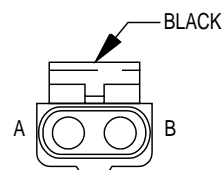
CAV	CIRCUIT	FUNCTION
1	L63 20DG/RD	LEFT TURN SIGNAL
2	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT
3	A6 20RD/OR	FUSED B(+)
4	-	-
5	L73 20YL	BRAKE LAMP SWITCH OUTPUT



TRAILER TOW  
RIGHT TURN RELAY

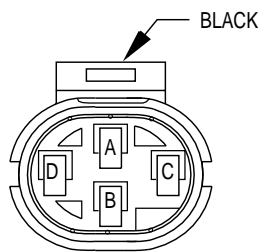
CAV	CIRCUIT	FUNCTION
1	L62 20BK/RD	RIGHT TURN SIGNAL
2	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT
3	A6 20RD/OR	FUSED B(+)
4	-	-
5	L74 20LG	BRAKE LAMP SWITCH OUTPUT

▲ 4.0L A/T  
▲▲ EXCEPT 4.0L A/T



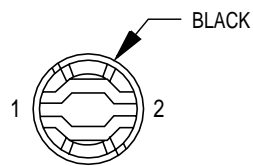
TRANSFER  
CASE SWITCH  
(231 4WD)

CAV	CIRCUIT	FUNCTION
A	G107 20BK/RD	4WD SWITCH SENSE (PART-TIME)
B	Z1 20BK	GROUND



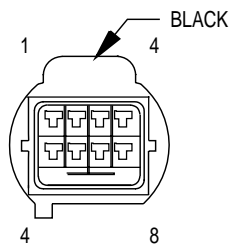
TRANSFER  
CASE SWITCH  
(242 4WD)

CAV	CIRCUIT	FUNCTION
A	Z1 20BK	GROUND
B	G106 20BK/WT	4WD SWITCH SENSE (FULL-TIME)
C	-	-
D	G107 20BK/RD	4WD SWITCH SENSE (PART-TIME)



TRANSFER CASE  
SWITCH  
ILLUMINATION

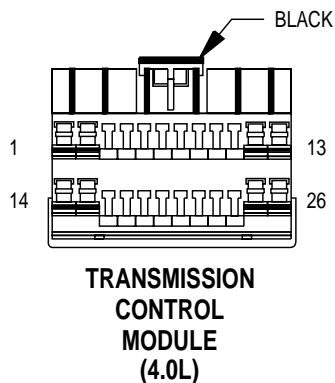
CAV	CIRCUIT	FUNCTION
1	E2 20OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
2	Z1 20BK	GROUND



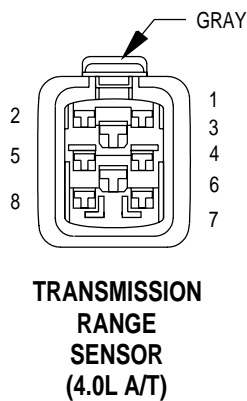
TRANSMISSION  
SOLENOID  
(4.0L)

CAV	CIRCUIT	FUNCTION
1	T52 20RD/BK	INPUT SPEED SENSOR SIGNAL
2	T60 20OR/WT	SOLENOID B CONTROL
3	T19 20WT	SOLENOID A CONTROL
4	T22 20DB/WT	SOLENOID C CONTROL
5	T31 20VT/LG	INPUT SPEED SENSOR GROUND
6	T13 20DB/BK	OUTPUT SPEED SENSOR GROUND
7	T14 20LG/WT	OUTPUT SPEED SENSOR SIGNAL
8	-	-

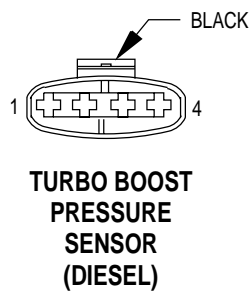
• DIESEL  
•• GAS



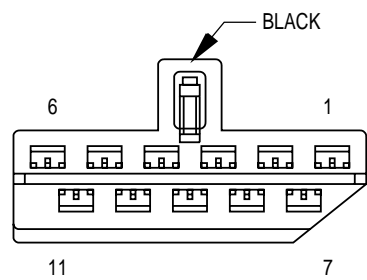
CAV	CIRCUIT	FUNCTION
1	T31 20VT/LG	INPUT SPEED SENSOR GROUND
2	T52 20RD/BK	INPUT SPEED SENSOR SIGNAL
3	T13 20DB/BK	OUTPUT SPEED SENSOR GROUND
4	T14 20LG/WT	OUTPUT SPEED SENSOR SIGNAL
5	-	-
6	D2 20WT/BK	CCD BUS (-)
7	D1 20VT/BR	CCD BUS (+)
8	-	-
9	T3 18VT	TRS T3 SENSE
10	-	-
11	T22 20DB/WT	SOLENOID C CONTROL
12	T19 20WT	SOLENOID A CONTROL
13	T60 20OR/WT	SOLENOID B CONTROL
14	D21 20PK	SCI TRANSMIT/ISO 9141K
15	-	-
16	K167 20BR/YL	SENSOR GROUND
17	K22 20OR/DB	THROTTLE POSITION SENSOR SIGNAL
18	L10 18BR/LG	BACK-UP LAMP FEED
19	-	-
20	-	-
21	T42 18VT/WT	TRS T42 SENSE
22	T1 18LG/BK	TRS T1 SENSE
23	K29 20WT/PK	BRAKE LAMP SWITCH SENSE
24	Z12 18BK/TN	GROUND
25	M1 20PK	FUSED B(+)
26	F12 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)



CAV	CIRCUIT	FUNCTION
1	T42 18VT/WT	TRS T42 SENSE
2	T3 18VT	TRS T3 SENSE
3	F20 18WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
4	T1 18LG/BK	TRS T1 SENSE
5	-	-
6	L10 18BR/LG	BACK-UP LAMP FEED
7	T41 20BK/WT	PARK/ NEUTRAL POSITION SWITCH SENSE
8	Z1 18BK	GROUND

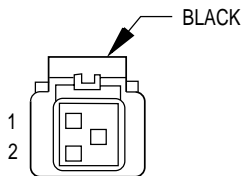


CAV	CIRCUIT	FUNCTION
1	K4 20BK/LB	SENSOR GROUND
2	K21 20BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
3	K9 20LB	5V SUPPLY
4	K1 20DG/RD	BOOST PRESSURE SENSOR SIGNAL



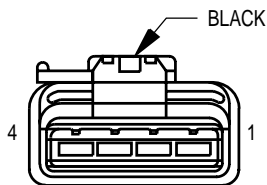
TURN SIGNAL/  
HAZARD SWITCH

CAV	CIRCUIT	FUNCTION
1	L60 20TN	RIGHT TURN SIGNAL
2	-	-
3	L62 20BR/RD	RIGHT TURN SIGNAL
4	L55 20RD/WT	COMBINATION FLASHER INPUT
5	L6 20RD/WT	FLASHER OUTPUT
6	L12 20VT/TN	HAZARD FLASHER SELECT SIGNAL
7	-	-
8	-	-
9	L63 20DG/RD	LEFT TURN SIGNAL
10	L61 20LG/WT	LEFT TURN SIGNAL
11	L55 20RD/WT	COMBINATION FLASHER INPUT



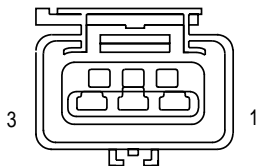
UNDERHOOD  
LAMP/  
SWITCH

CAV	CIRCUIT	FUNCTION
1	M1 20PK	FUSED B(+)
2	Z1 20BK	GROUND



VEHICLE SPEED  
CONTROL SERVO

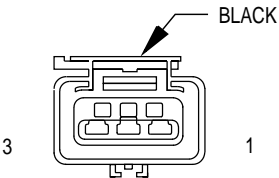
CAV	CIRCUIT	FUNCTION
1	V36 18TN/RD	SPEED CONTROL VACUUM SOLENOID CONTROL
2	V35 18LG/RD	SPEED CONTROL VENT SOLENOID CONTROL
3	V30 20DB/RD	SPEED CONTROL BRAKE SWITCH OUTPUT
4	Z1 18BK	GROUND



VEHICLE SPEED  
SENSOR  
(DIESEL)

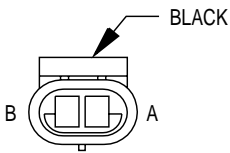
CAV	CIRCUIT	FUNCTION
1	K7 18OR	5V SUPPLY
2	K167 20BR/YL	SENSOR GROUND
3	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL





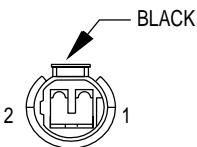
VEHICLE SPEED  
SENSOR  
(GAS)

CAV	CIRCUIT	FUNCTION
1	K6 18VT/OR	5V SUPPLY
2	K167 20BR/YL	SENSOR GROUND
3	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL



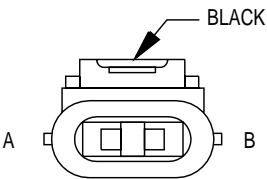
WASHER  
FLUID LEVEL  
SWITCH

CAV	CIRCUIT	FUNCTION
A	Z1 20BK	GROUND
B	G29 20BK/LB	LOW WASHER FLUID SENSE



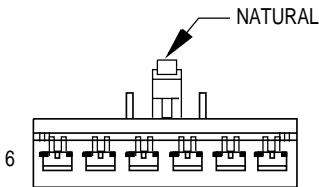
WATER IN FUEL  
SENSOR  
(DIESEL)

CAV	CIRCUIT	FUNCTION
1	G123 18DG/WT	WATER IN FUEL SENSOR SIGNAL
2	K167 20BR/YL	SENSOR GROUND



WINDSHIELD  
WASHER PUMP

CAV	CIRCUIT	FUNCTION
A	V10 18BR	WASHER PUMP CONTROL
B	Z1 18BK	GROUND



WIPE/WASH  
SWITCH

CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	V5 16DG/YL	WIPER PARK SWITCH SENSE
3	V10 18BR	WASHER PUMP CONTROL
4	V3 16BR/WT	WIPER LOW SPEED OUTPUT
5	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	V4 16BR/VT	WIPER HIGH SPEED OUTPUT



## 8W-90 CONNECTOR LOCATIONS

## DESCRIPTION AND OPERATION

## INTRODUCTION

This section provides illustrations identifying component and connector locations in the vehicle. A connector index is provided. Use the wiring diagrams in

each section for connector number identification. Refer to the index for the proper figure number.

## CONNECTOR/GROUND LOCATIONS

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

Connector Name/Number	Color	Location	Fig.
A/C Compressor Clutch (Diesel)	BK	Left Rear of Engine Compartment	41, 42
A/C-Heater Control or Heater Control - C1	BK	Center of Instrument Panel	22, 23
A/C-Heater Control - C2	NAT	Center of Instrument Panel	22, 23
A/C High Pressure Switch (2.5L)(LHD)		Near T/O for C107	8
A/C High Pressure Switch (2.5L)(RHD)		Right Side of Engine Compartment Near Power Distribution Center	7
A/C High Pressure Switch (4.0L)(LHD)		Right Side of Engine Compartment Near Power Distribution Center	12, 14
A/C High Pressure Switch (4.0L)(RHD)		Left Side of Engine Compartment Near T/O for A/C Compressor Clutch	15
A/C High Pressure Switch (Diesel)		Left Side of Engine	41, 42
A/C Low Pressure Switch (Diesel)(LHD)		Right Rear of Engine Compartment	39

Connector Name/Number	Color	Location	Fig.
A/C Low Pressure Switch (Diesel)(RHD)		Left Rear of Engine Compartment	37
A/C Low Pressure Switch (Gas)(LHD)		Right Rear of Engine Compartment	4, 12
A/C Low Pressure Switch (Gas)(RHD)		Left Rear of Engine Compartment	3, 11
Accelerator Pedal Position Sensor (Diesel) (LHD)	BK	Near T/O for Engine Control Module - C1, C2	N/S
Accelerator Pedal Position Sensor (Diesel)(RHD)	BK	Right Kick Panel Area	40
Airbag Control Module	YL	Under Center Console	27, 32
Ambient Temperature Sensor	BK	Center Grill Opening	4, 5, 12, 13, 39, 40
Back-Up Lamp Switch (2.5L)	BK	Right Side of Transmission Near Shifter	19
Back-Up Lamp Switch (4.0L)	BK	Left Side of Transmission	20
Back-Up Lamp Switch (Diesel)	BK	Left Side of Transmission	43
Battery Temperature Sensor	BK	At Battery	6, 7, 12, 13, 14, 15, 38
Blend Door Actuator	BK	T/O at T/O for C209 on HVAC Harness	N/S
Blower Motor		On HVAC Harness	N/S

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Blower Motor Relay	BK	Near T/O for C209	N/S
Blower Motor Resistor Block	BK	On HVAC Harness	N/S
Brake Lamp Switch	GY	Near Brake Pedal	21, 24, 25
Brake Warning Pressure Switch (LHD)	BK	Left Side of Engine Compartment	2, 10, 36
Brake Warning Pressure Switch (RHD)	BK	Right Side of Engine Compartment	5, 7, 13, 15, 40
C100 (LHD)	BK	Left Lower Instrument Panel	6, 14, 21, 25
C100 (RHD)	WT	Right Lower Instrument Panel	24, 40
C106	BK	Left Front Engine Compartment	1, 6, 7, 14, 15, 38
C107 (2.5L)	BK	Rear of Engine Compartment	2, 3, 4, 5, 16
C107 (4.0L)	BK	Rear of Engine Compartment	12, 13, 17
C108 (Gas)	BK	Right Side of Engine Compartment	4, 5, 6, 7, 12, 13, 14, 15
C109	BK	Left Lower Instrument Panel	14, 15, 26, 27, 38
C111 (Diesel)	LT GY	Left Rear of Engine Compartment	36, 37, 42
C112 (4.0L A/T 4WD)	GY	Left Side of Transfer Case	20
C113 (Gas M/T)		Rear Center of Engine Compartment	12, 17
C114 (Built-Up-Export)	BK	T/O at Left Headlamp T/O	1
C115 (Built-Up-Export)	BK	T/O at Right Headlamp T/O	N/S
C116 (Diesel)	BK	Right Side of Engine	39, 40, 41
C120 (Diesel)	BK	Rear of Engine	36, 37, 41

Connector Name/Number	Color	Location	Fig.
C200 (LHD)	GY	Left Lower Instrument Panel	21, 26
C201 (LHD)	NAT	Lower Center of Instrument Panel	21
C202 (RHD)	GY	Lower Center of Instrument Panel	24, 27
C203 (RHD)	BL	Lower Center of Instrument Panel	24, 27
C204 (RHD)	WT	Lower Center of Instrument Panel	24, 27
C205 (LHD)	YL	Left Lower Instrument Panel	21, 22
C205 (RHD)	YL	Right Lower Instrument Panel	23, 24
C206	BK	At Center Console	26, 27, 32
C207	BK	Right Lower Instrument Panel	21, 24
C208	BK	Left Lower Instrument Panel	21, 24
C209 (LHD)	BK/LT GN	Right Lower Instrument Panel	32
C209 (RHD)	BK/LT GN	Left Lower Instrument Panel	27
C300 (LHD)	NAT	At Right Kick Panel	32
C300 (RHD)	WT	At Right Kick Panel	24
C301	WT	At Right Kick Panel	24, 32
C303	NAT/ BK (LHD) WT (RHD)	T/O at Junction Block - C7 T/O	N/S
C304	BK	Right Lower B Pillar	29

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
C305	WT	At Left Kick Panel	26, 27
C306	WT	At Left Kick Panel	26, 27
C307	WT	At Left Kick Panel	26, 27
C309	BK	Left Lower B Pillar	26, 27
C310	BK	Top Center of Liftgate	31
C311	BK	Top Center of Liftgate	31
C312	GN	Top Center of Liftgate	31
C313	GY	Top Center of Liftgate	31
C314	WT	At Soundbar	N/S
C316	BK	Under Right Front Seat	26, 27, 29
C317	BK	Left Lower A Pillar	26, 27
C318	BK	Right Lower A Pillar	29
C319	BK	Right Lower B Pillar	29
C320	BK	Left Lower B Pillar	26, 27
C321	BK	At Right Tail Lamp Harness	N/S
C322 (Trailer Tow)	BK	At Left Tail Lamp Harness	33
C322 (Without Trailer Tow)	BK	At Left Tail Lamp Harness	28
C323 (Trailer Tow)	BK	At Trailer Tow Harness	28, 33
C324 (RHD)	WT	In T/O for Junction Block - C7	N/S
C326	BK	At Left Rear Quarter Panel	28
C327	BK	At Left Rear Quarter Panel	28
C329	NAT	Under Right Front Seat	26, 27
C330	BK	Center of Liftgate	31

Connector Name/Number	Color	Location	Fig.
C332	NAT	Under Left Front Seat	26, 27
C333	BK	At Center High Mounted Stop Lamp Jumper	N/S
C362	BK	Under Left Front Seat	26, 27
C363	BK	Under Right Front Seat	26, 27
Camshaft Position Sensor (GAS)	GY	Right Side of Engine	16, 17
Cargo Lamp/Switch	BK	At Lamp	N/S
Center High Mounted Stop Lamp	BK	At Liftgate	N/S
Cigar Lighter	RD	Lower Center of Instrument Panel	22, 23
Clockspring - C1	NAT	At Clockspring	35
Clockspring - C2		At Clockspring	N/S
Clockspring - C3	YL	At Clockspring	35
Clutch Interlock Switch	GN	At Clutch Pedal	14, 24, 25
Clutch Interlock Switch Jumper (LHD)	BK	Lower Steering Column	N/S
Clutch Interlock Switch Jumper (RHD)	BK	Lower Steering Column	24
Combination Flasher	BK	Lower Left of Instrument Panel	21
Compass	BK	In Headliner	34
Controller Anti-Lock Brake	BK	Left Side of Engine Compartment	10, 11, 36, 37
Crankshaft Position Sensor (Gas)	BK	Left Side of Transmission	20
Data Link Connector (LHD)	BK	Lower Left of Instrument Panel	21

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Data Link Connector (RHD)	BK	Lower Right of Instrument Panel	N/S
Daytime Running Lamp Module (Except Built-Up-Export)	BK	Right Rear of Engine Compartment	6, 8, 14
Diode Module (Built-Up-Export)	BK	T/O at Rear Fog Lamp Relay T/O	N/S
Dome Lamp (Base/Police)		At Lamp	N/S
Dome Lamps Switch (Midline)	BK	At Switch	N/S
Driver Door Jamb Switch	BK	Left Lower A Pillar	N/S
Driver Door Lock Motor		At Motor	30
Driver Power Lock/Window Switch-C1	BL	At Switch	30
Driver Power Door Lock/Window Switch-C2	WT	At Switch	30
Driver Power Mirror	RD	At Mirror	30
Driver Power Window Motor	BK	At Motor	30
Duty Cycle EVAP/Purge Solenoid (Gas) (LHD)	BK	Right Rear of Engine Compartment	2, 4, 10, 12
Duty Cycle EVAP/Purge Solenoid (Gas) (RHD)	BK	Left Rear of Engine Compartment	3, 11
Electronic Vacuum Modulator (Diesel)		Right Front of Engine Compartment	39, 40
Engine Control Module - C1 (Diesel)	BK	Center of Cowl Under Instrument Panel	38
Engine Control Module - C2 (Diesel)	BK	Center of Cowl Under Instrument Panel	38

Connector Name/Number	Color	Location	Fig.
Engine Coolant Temperature Sensor (GAS)	BK	Front of Engine	16, 17
Engine Coolant Temperature Sensor NO.1 (Diesel)	BK	Left Rear of Engine	41
Engine Coolant Temperature Sensor NO.2 (Diesel)	BK	Left Side of Engine	41, 42
Engine Oil Pressure Sensor	BK	Right Side of Engine	16, 17, 41
Engine Speed Sensor (Diesel)	BK	Left Side of Engine	41
EVAP Leak Detection Pump (Except Built-Up-Export)	BK	In T/O for Power Distribution Center	N/S
Extended Idle Switch (Police Package)	WT	Instrument Panel Harness Near T/O to Power Outlet	N/S
Front Fog Lamp Switch	BK	Lower Center of Instrument Panel	22, 23
Front Wiper Motor	BK	At Wiper Motor	8, 9
Fuel Heater (Diesel)		Left Rear of Engine Compartment	36, 37
Fuel Injection Pump (Diesel)	BK	Left Side of Engine	36, 37, 42
Fuel Injector No. 1	BK	At Injector	16, 17
Fuel Injector No. 2	BK	At Injector	16, 17
Fuel Injector No. 3	BK	At Injector	16, 17
Fuel Injector No. 4	BK	At Injector	16, 17
Fuel Injector No. 5 (4.0L)	BK	At Injector	17
Fuel Injector No. 6 (4.0L)	BK	At Injector	17
Fuel Level Sensor (Diesel)	BK	At Sensor	28

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Fuel Pump Module (GAS)	BK	At Fuel Pump Module	28
G100 (4.0L)		Right Front of Engine Compartment	12, 13
G100 (2.5L)		Right Front of Engine Compartment at Battery Negative Terminal	N/S
G101		Right Side of Engine	16, 17
G102 (Diesel)		Right Side of Engine	39, 40
G102 (Gas)		Rear of Engine Compartment	2, 3, 4, 5, 12, 13
G104 (Gas)		T/O at Engine Starter Motor T/O on Battery Harness	N/S
G104 (Diesel)		T/O at Battery Negative Terminal on Battery Harness	N/S
G105 (Diesel)		On Negative Battery Harness	N/S
G106		Left Side of Engine Compartment	2, 3, 10, 11
G107 (LHD)		Right Side of Instrument Panel	21
G107 (RHD)		Left Side of Instrument Panel	24
G108 (LHD)		Left Side of Instrument Panel	21
G108 (RHD)		Right Side of Instrument Panel	24
G200		Under Left Front Seat	27, 32

Connector Name/Number	Color	Location	Fig.
G300		In T/O for Airbag Control Module	N/S
G301		Near T/O for Power Amplifier	28
G302		At Left Rear Quarter Panel	28
G303		Under Right Front Seat	26, 27, 29
G304		T/O at T/O's for C326 and C327	N/S
G306		Under Right Front Seat	26, 27
G Switch	BK	Under Rear Seat	28, 29
Generator (2.5L)	BK	At Generator	N/S
Generator (4.0L)	BK	At Generator	18
Generator (Diesel)	BK	At Generator	41, 42
Glow Plug Relay (Diesel)		Left Rear of Engine Compartment	36, 37
Headlamp Beam Select Switch	BK	On Steering Column	35
HeadLamp Delay Module (LHD)	BK	Lower Left of Instrument Panel	21
Headlamp Delay Module (RHD)	BK	Lower Right of Instrument Panel	N/S
Headlamp Leveling Switch (Built-Up-Export)	BK	Lower Center of Instrument Panel	22, 23
Headlamp Switch (LHD)	BK	Left Side of Instrument Panel	22
Headlamp Switch (RHD)	BK	Right Side of Instrument Panel	23
Heated Seat Relay		Under Right Front Seat	N/S
Idle Air Control Motor	BK	Left Side of Engine	16, 17

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Ignition Coil (2.5L)	BK	Right Side of Engine	16
Ignition Switch - C1	BK	At Steering Column	21, 24, 35
Ignition Switch - C2	GN	At Steering Column	21, 24, 35
Instrument Cluster - C1	BK	At Instrument Cluster	21, 22, 23, 24
Instrument Cluster - C2	BK	At Instrument Cluster	21, 22, 23, 24
Intake Air Temperature Sensor	GY	Left Side of Engine	16, 17
Junction Block - C1	NAT	At Right Kick Panel Area	25, 29
Junction Block - C2	WT	At Right Kick Panel Area	25, 29
Junction Block - C3	NAT	At Right Kick Panel Area	29
Junction Block - C4	WT	At Right Kick Panel Area	24, 29
Junction Block - C5	WT	At Right Kick Panel Area	24, 29
Junction Block - C6	NAT	At Right Kick Panel Area	29
Junction Block - C7	NAT	At Right Kick Panel Area	29
Junction Block - C8	NAT	At Right Kick Panel Area	29
Junction Block - C9	NAT	At Right Kick Panel Area	29
Left Back-Up Lamp	GY	At Lamp	N/S
Left City Lamp (Built-Up-Export)		At Lamp	1
Left Courtesy Lamp	BK	Lower Left of Instrument Panel	21, 24
Left Fog Lamp	GY	At Lamp	1
Left Front Door Speaker	BK	At Speaker	30
Left Front Door Tweeter	BK	Left Front Door	30

Connector Name/Number	Color	Location	Fig.
Left Front Park/Turn Signal Lamp NO.1 (Except Built-Up-Export)	GY	At Lamp	1
Left Front Park/Turn Signal Lamp NO.2 (Except Built-Up-Export)	GY	At Lamp	1
Left Front Turn Signal Lamp NO.1 (Built-Up-Export)	GY	At Lamp	1
Left Front Turn Signal Lamp NO.2 (Built-Up-Export)	GY	At Lamp	1
Left Front Wheel Speed Sensor	GY	Left Side of Engine Compartment	10, 11, 38
Left Headlamp		At Headlamp	1
Left Headlamp Leveling Motor (Built-Up-Export)	BK	At Headlamp	1
Left Heated Seat Back		At Left Seat	N/S
Left Heated Seat Cushion		At Left Seat	N/S
Left Heated Seat Switch	RD	At Center Console	26, 27
Left License Lamp (Built-Up-Export)		At Lamp	N/S
Left Power Seat Front Vertical Motor	YL	Under Left Seat	N/S
Left Power Seat Horizontal Motor	YL	Under Left Seat	N/S
Left Power Seat Rear Vertical Motor	YL	Under Left Seat	N/S
Left Power Seat Switch	BK	At Switch	N/S
Left Rear Door Jamb Switch	BK	At Left B Pillar	N/S



## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Left Rear Door Lock Motor	BK	In Left Rear Door	30
Left Rear Fog Lamp (Built-Up-Export)	BK	At Lamp	N/S
Left Rear Wheel Speed Sensor	BK	Under Rear Seat	28
Left Rear Window Motor	BK	In Left Rear Door	30
Left Rear Window Switch	BL	In Left Rear Door	30
Left Repeater Lamp (Built-Up-Export)		At Lamp	1
Left Side Marker Lamp (Except Built-Up-Export)	NAT	At Lamp	1
Left Soundbar Speaker		At Soundbar	N/S
Left Speed Control Switch		On Steering Wheel	N/S
Left Tail/Stop Lamp	BK	At Lamp	N/S
Left Turn Signal Lamp		At Rear Lamp	N/S
Left Visor/Vanity Lamp	BK	Left Side of Headliner	34
License Lamp		At Lamp	N/S
Liftgate Lock Motor	BK	In Liftgate	31
Liftgate Switch	BK	In Liftgate	31
Low Coolant Switch (Diesel)		Right Side of Engine Compartment	39, 40
Manifold Absolute Pressure Sensor	BK	Left Side of Engine	16, 17
Message Center (Diesel)	BK	Upper Center of Instrument Panel	21, 22, 23, 24
Needle Movement sensor (Diesel)		Rear of Engine Compartment	36, 37

Connector Name/Number	Color	Location	Fig.
Overhead Module	BK	Front Center of Headliner	34
Oxygen Sensor 1/1 Upstream (2.5L)	GY	Left Side of Engine	16
Oxygen Sensor 1/1 Upstream (4.0L)	GY	Right Side of Transmission	20
Oxygen Sensor 1/1 Upstream (California/European III)	GY	Left Side of Engine	17
Oxygen Sensor 1/2 Downstream (2.5L)	BK	Right Side of Transmission	19
Oxygen Sensor 1/2 Downstream (4.0L)	BK	Right Side of Transmission	20
Oxygen Sensor 1/2 Downstream (California/European III)	BK	Left Side of Engine	17
Oxygen Sensor 2/1 Upstream (California/European III)	GY	Left Side of Engine	17
Oxygen Sensor 2/2 Downstream (California/European III)	BK	Left Side of Engine	20
Park/Neutral Position Switch (2.5L Gas A/T)	BK	Left Side of Transmission	19
Passenger Airbag	YL	At Airbag	21, 22, 23, 24
Passenger Door Jamb Switch	BK	Kick Panel Area at Door Opening	N/S
Passenger Door Lock Motor		At Motor	30
Passenger Power Lock/Window Switch - C1	BL	At Switch	30
Passenger Power Lock/Window Switch - C2	BL	At Switch	30

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Passenger Power Mirror	RD	At Mirror	30
Passenger Power Window Motor	BK	At Motor	30
Power Amplifier - C1	NAT	Under Left Rear Seat	28
Power Amplifier - C2	NAT	Under Left Rear Seat	28
Power Antenna (Built-Up-Export)	BK	Right Side of Instrument Panel	21, 24
Power Antenna Relay - C1 (Built-Up-Export)	BK	Right Side of Instrument Panel	21, 24
Power Antenna Relay - C2 (Built-Up-Export)	BK	Right Side of Instrument Panel	21, 24
Power Mirror Switch		At Switch	N/S
Power Outlet	RD	Lower Center of Instrument Panel	22, 23
Power Steering Pressure Switch (2.5L)	WT	Front of Engine	16
Powertrain Control Module - C1 (Diesel)		Right Side of Engine Compartment	39, 40
Powertrain Control Module - C1 (Gas)	BK	Left Side of Engine Compartment	8, 9, 16, 17
Powertrain Control Module - C2 (Diesel)		Right Side of Engine Compartment	39, 40
Powertrain Control Module - C2 (Gas)	WT	Left Side of Engine Compartment	8, 9, 16, 17
Powertrain Control Module - C3 (Diesel)	GY	Right Side of Engine Compartment	39, 40
Powertrain Control Module - C3 (Gas)	GY	Left Side of Engine Compartment	8, 9, 2, 3, 10, 11
PRNDL Illumination (A/T)		At Center Console	26, 27

Connector Name/Number	Color	Location	Fig.
Radiator Fan Motor	LT GY	Front of Engine Compartment	2, 3, 6, 7, 10, 11, 14, 15, 36, 37, 38
Radio - C1	BK	Center of Instrument Panel	22, 23
Radio - C2	GY	Center of Instrument Panel	22, 23
Rail Coil (4.0L)	BK	Right Side of Engine	17
Rear Fog Lamp Relay (Built-Up-Export) (LHD)		Right Side of Instrument Panel	21
Rear Fog Lamp Relay (Built-Up-Export) (RHD)		Left Side of Instrument Panel	24
Rear Fog Lamp Switch (Built-Up-Export)	WT	Center of Instrument Panel	22, 23
Rear Washer Pump	BK	Left Front of Engine Compartment	2, 3, 8, 9, 10, 11, 36, 37
Rear Window Defogger Switch	GY	Center of Instrument Panel	22, 23
Rear Wiper Motor		In Liftgate	31
Rear Wiper/Washer Switch	BK	Center of Instrument Panel	22, 23
Right Back-Up Lamp	GY	At Lamp	N/S
Right City Lamp (Built-Up-Export)		At Lamp	1
Right Courtesy Lamp	BK	Lower Right of Instrument Panel	21, 24
Right Fog Lamp	GY	At Lamp	1
Right Front Door Speaker	BK	At Speaker	30

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Right Front Door Tweeter	BK	At Right Front Door	30
Right Front Park/Turn Signal Lamp NO.1 (Except Built-Up-Export)	BK	At Lamp	1
Right Front Park/Turn Signal lamp NO.2 (Except Built-Up-Export)	BK	At Lamp	1
Right Front Turn Signal Lamp NO.1 (Built-Up-Export)	GY	At Lamp	1
Right Front Turn Signal Lamp NO.2 (Built-Up-Export)	GY	At Lamp	1
Right Front Wheel Speed Sensor		Right Side of Engine Compartment	11, 12, 39, 40
Right Headlamp		At Headlamp	1
Right Headlamp Leveling Motor (Built-Up-Export)	BK	At Headlamp	1
Right Heated Seat Back		At Right Seat	N/S
Right Heated Seat Cushion		At Right Seat	N/S
Right Heated Seat Switch	BL	At Center Console	26, 27
Right License Lamp (Built-Up-Export)		At Lamp	N/S
Right Power Seat Front Vertical Motor	YL	Under Right Seat	N/S
Right Power Seat Horizontal Motor	YL	Under Right Seat	N/S
Right Power Seat Rear Vertical Motor	YL	Under Right Seat	N/S
Right Power Seat Switch	BK	At Switch	N/S

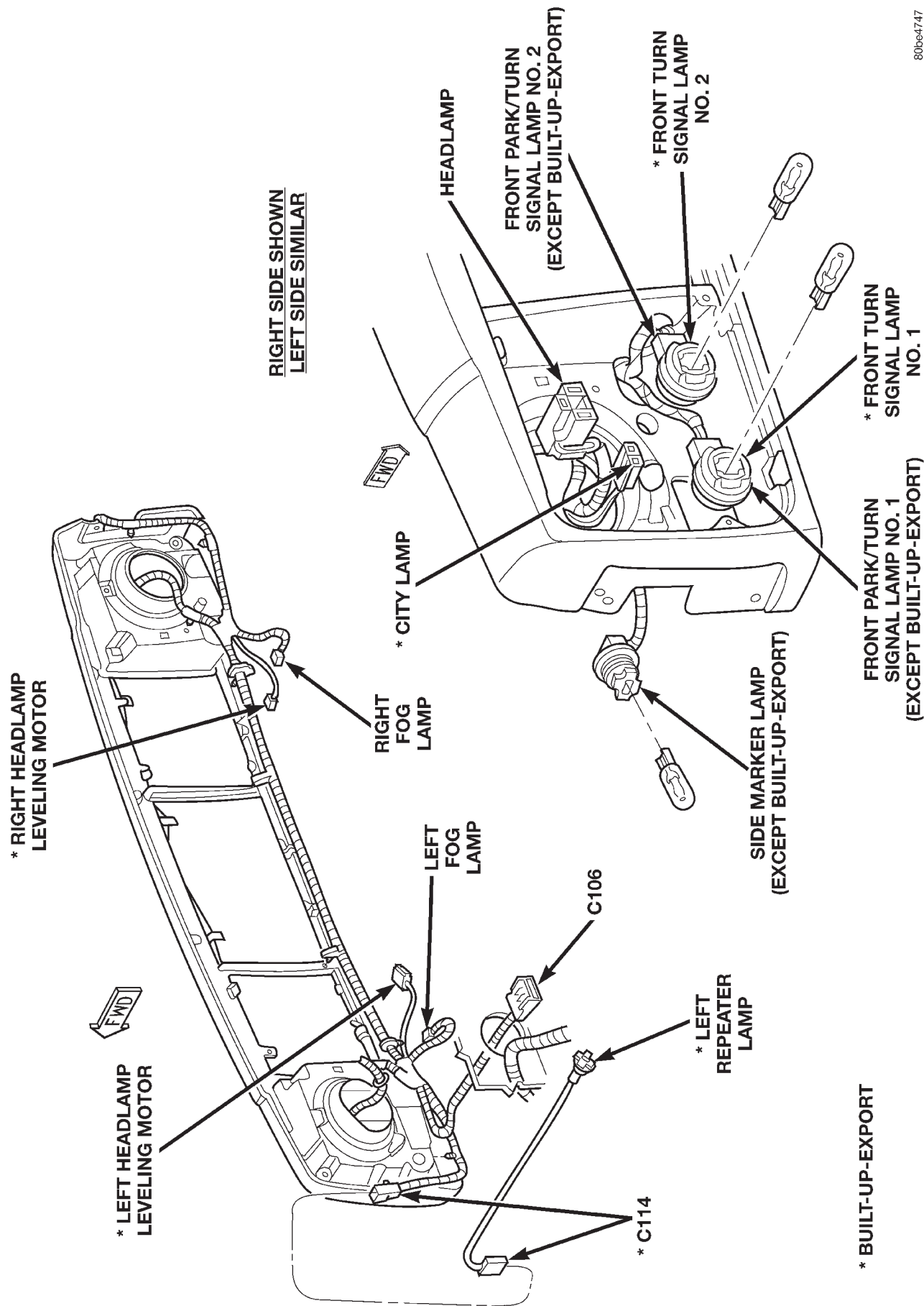
Connector Name/Number	Color	Location	Fig.
Right Rear Door Jamb Switch	BK	At Right B Pillar	29
Right Rear Door Lock Motor	BK	In Right Rear Door	30
Right Rear Fog Lamp (Built-Up-Export)	BK	At Lamp	N/S
Right Rear Wheel Speed Sensor	RD	Under Rear Seat	28
Right Rear Window Motor	BK	In Right Rear Door	30
Right Rear Window Switch	BL	In Right Rear Door	30
Right Repeater Lamp (Built-Up-Export)		At Lamp	N/S
Right Side Marker Lamp (Except Built-Up-Export)	NAT	At Lamp	1
Right Sound Bar Speaker		At Soundbar	N/S
Right Speed Control Switch		On Steering Wheel	N/S
Right Tail/Stop Lamp		At Lamp	N/S
Right Turn Signal Lamp		At Rear Lamp	N/S
Right Visor/Vanity Lamp	BK	Right Side of Headliner	34
Seat Belt Switch (LHD)	BK	T/O at T/O for Airbag Control Module	32
Seat Belt Switch (RHD)	BK	T/O at T/O for C206	N/S
Seat Heat Interface Module	BK	Under Right Front Seat	N/S
Sentry Key Immobilizer Module	BK	At Steering Column	21, 24
Shift Lock Solenoid (LHD)	WT	At Steering Column	21, 35
Shift Lock Solenoid (RHD)	WT	At Steering Column	35

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Throttle Position Sensor	WT	Left Side of Engine	16, 17
Torque Converter Clutch Solenoid (2.5L Gas A/T)		Left Side of Transmission	19
Trailer Tow Connector	LT GY	At Rear Bumper	33
Trailer Tow Left Turn Relay	BK	At Left Rear Quarter Panel	33
Trailer Tow Right Turn Relay	BK	At Left Rear Quarter Panel	33
Transfer Case Switch (231 4WD)	BK	Left Side of Transmission	19, 20, 43
Transfer Case Switch (242 4WD)	BK	Left Side of Transmission	20
Transfer Case Switch Illumination	BK	At Center Console	26, 27
Transmission Control Assembly or Transmission Solenoid (4.0L)	BK	Rear of Engine Compartment	12, 13
Transmission Control Module (4.0L)	BK	Under Instrument Panel near Transmission Tunnel	14, 15, 25
Transmission Range Sensor (4.0L A/T)	BK/ GY	Rear of Engine Compartment	12, 13

Connector Name/Number	Color	Location	Fig.
Turbo Boost Pressure Sensor (Diesel)	BK	Rear of Engine Compartment	36, 37
Turn Signal/ Hazard Switch	BK	At Steering Column	21, 24, 35
Underhood Lamp/Switch	BK	At Lamp	2, 5, 10, 11, 36, 37
Vehicle Speed Control Servo (LHD)	BK	Right Front of Engine Compartment	4, 12, 14
Vehicle Speed Control Servo (RHD)	BK	Right Rear of Engine Compartment	5, 9, 13, 15
Vehicle Speed Sensor (Diesel)		Left Side of Transmission	43
Vehicle Speed Sensor (Gas)	BK	Left Side of Transmission	19, 20
Washer Fluid Level Switch	BK	Left Front of Engine Compartment	2, 3, 8, 9, 10, 11, 36, 37
Water In Fuel Sensor (Diesel)	BK	Rear of Engine Compartment	36, 37
Windshield Washer Pump	BK	Left Front of Engine Compartment	2, 3, 8, 9, 10, 11, 36, 37
Wipe/Wash Switch	NAT	At Steering Column	21, 24, 35

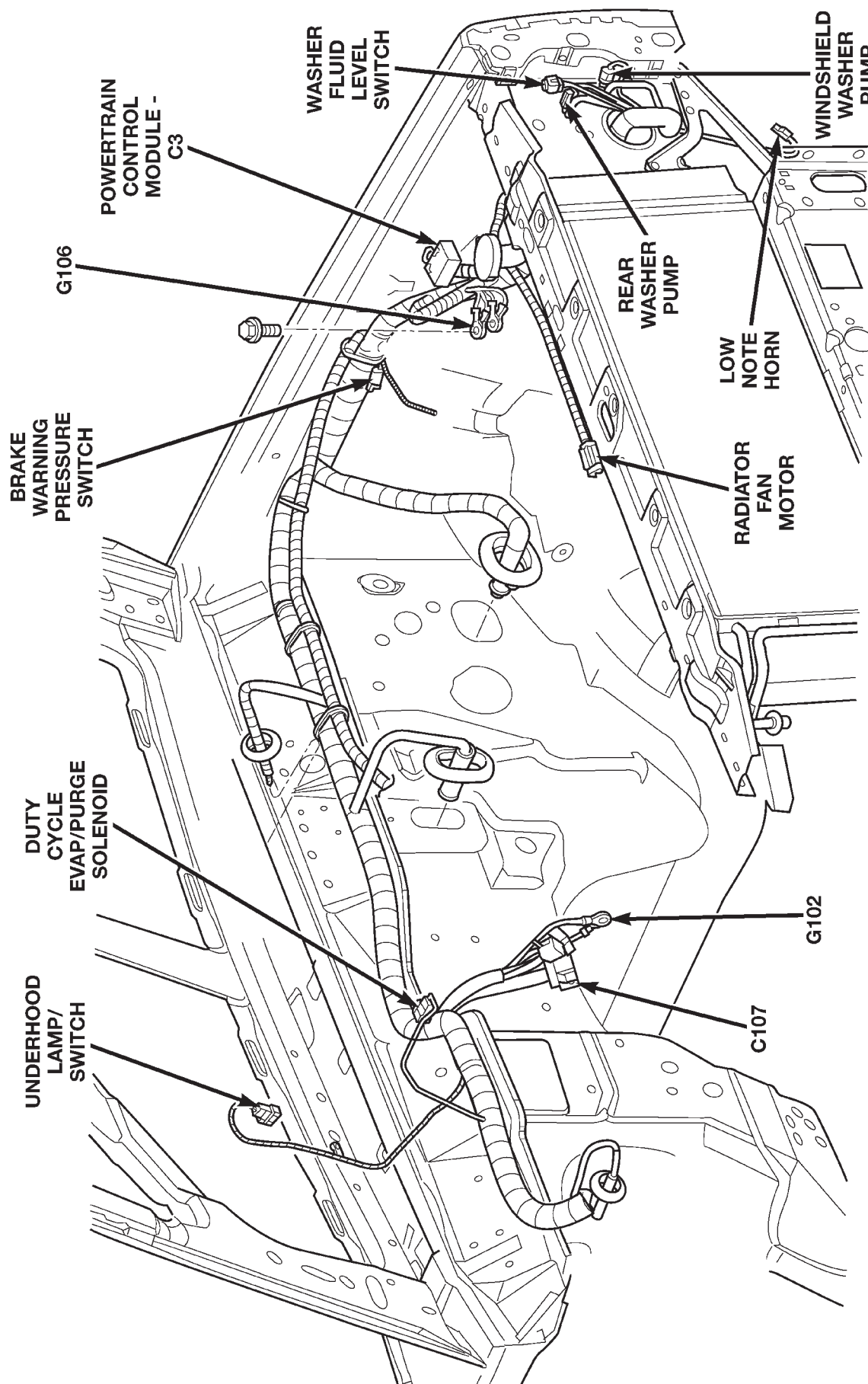
DESCRIPTION AND OPERATION (Continued)



80064747

Fig. 1 Front End Lighting

DESCRIPTION AND OPERATION (Continued)

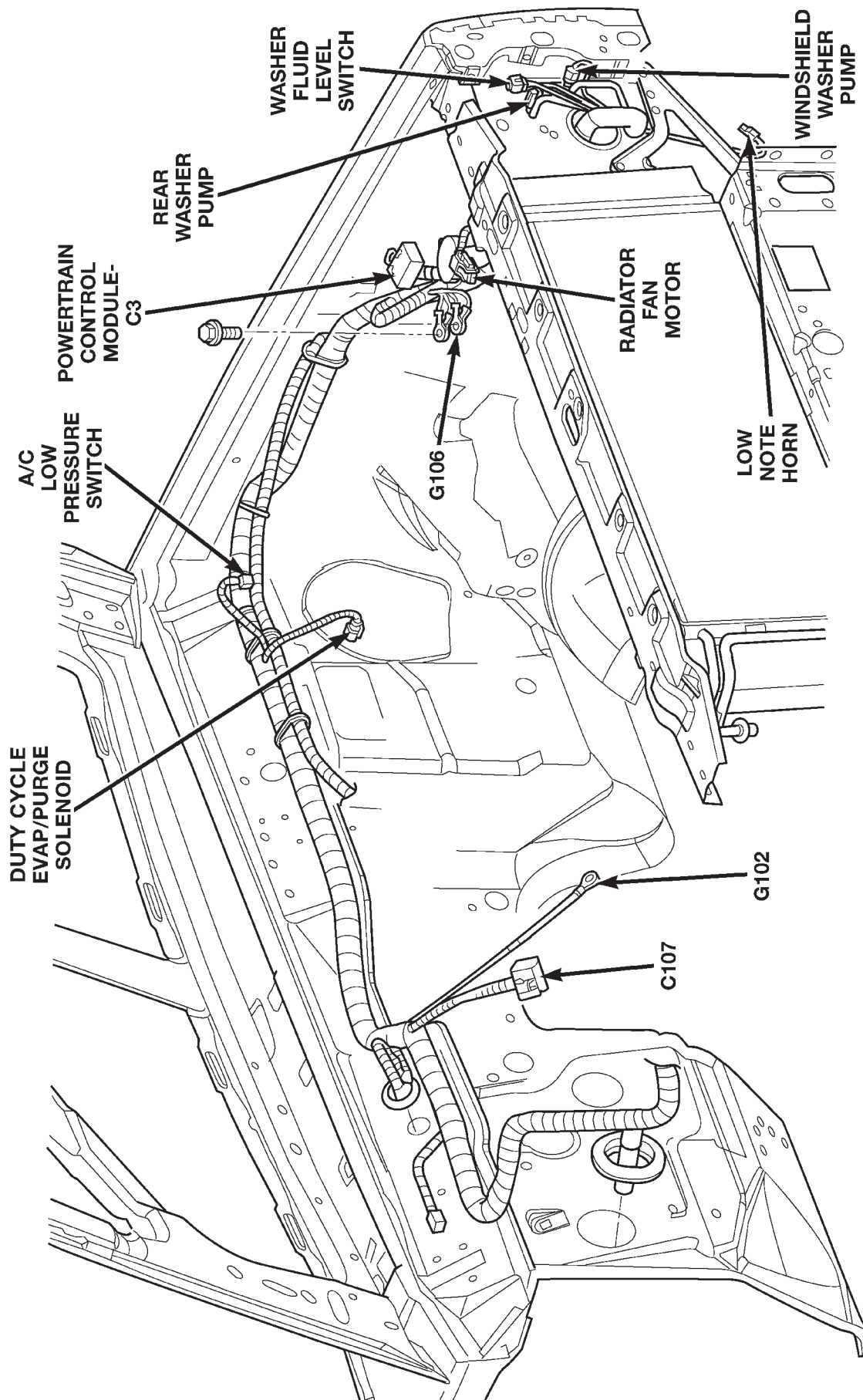


80be4748

Fig. 2 Left Engine Compartment 2.5L Engine LHD



DESCRIPTION AND OPERATION (Continued)



80be4749

Fig. 3 Left Engine Compartment 2.5L Engine RHD

## DESCRIPTION AND OPERATION (Continued)

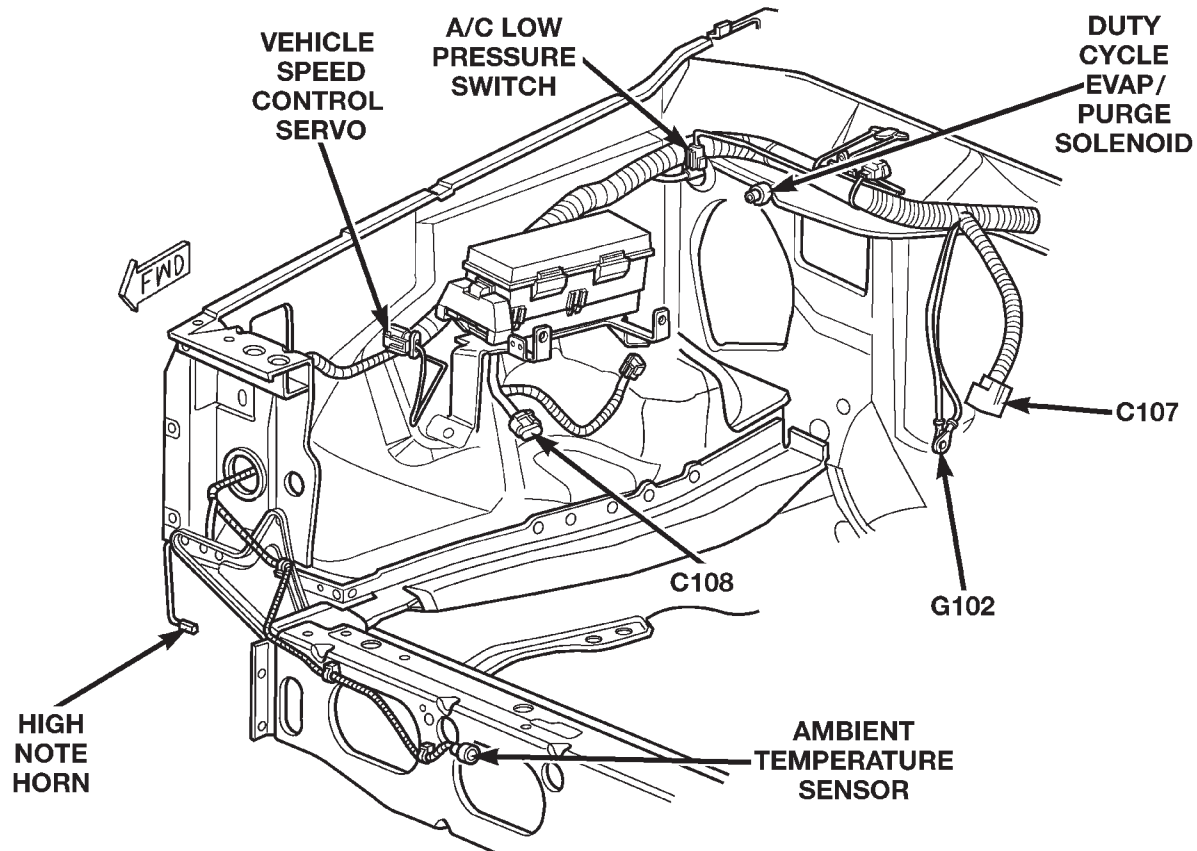


Fig. 4 Right Engine Compartment 2.5L Engine LHD

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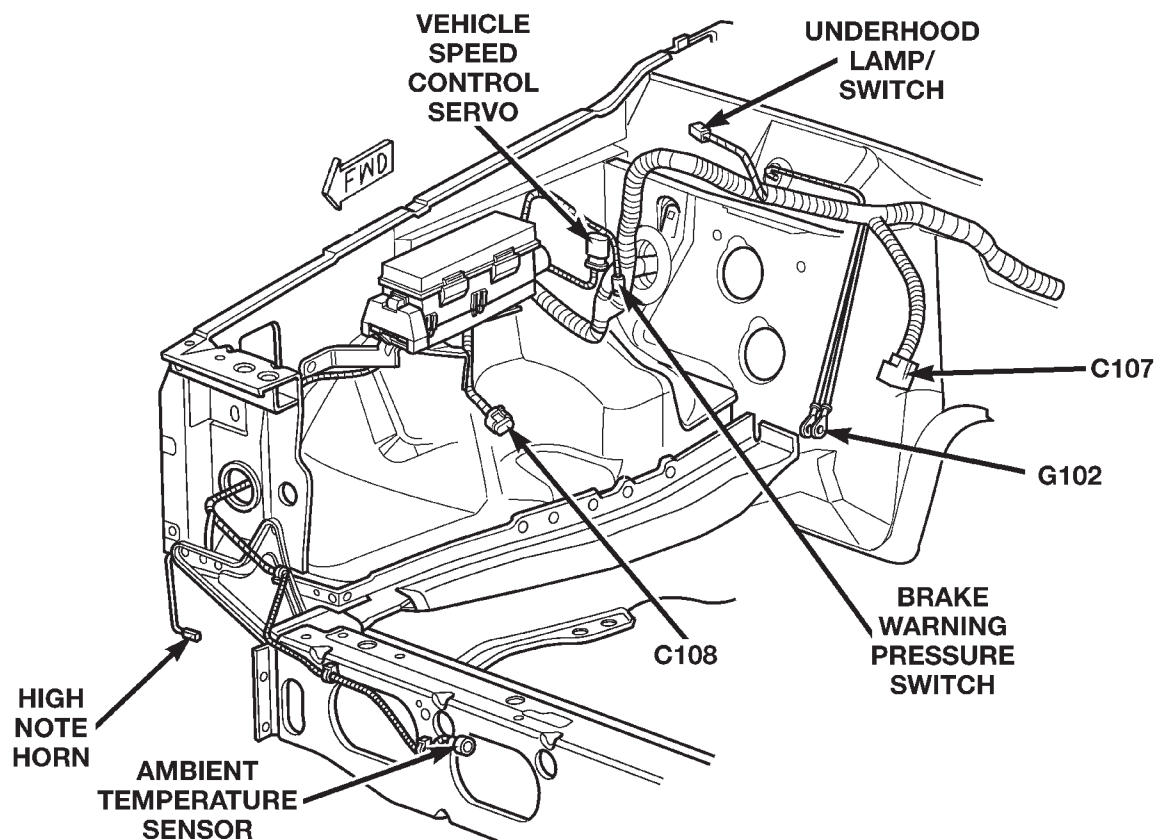


Fig. 5 Right Engine Compartment 2.5L Engine RHD

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DESCRIPTION AND OPERATION (Continued)

80be474c

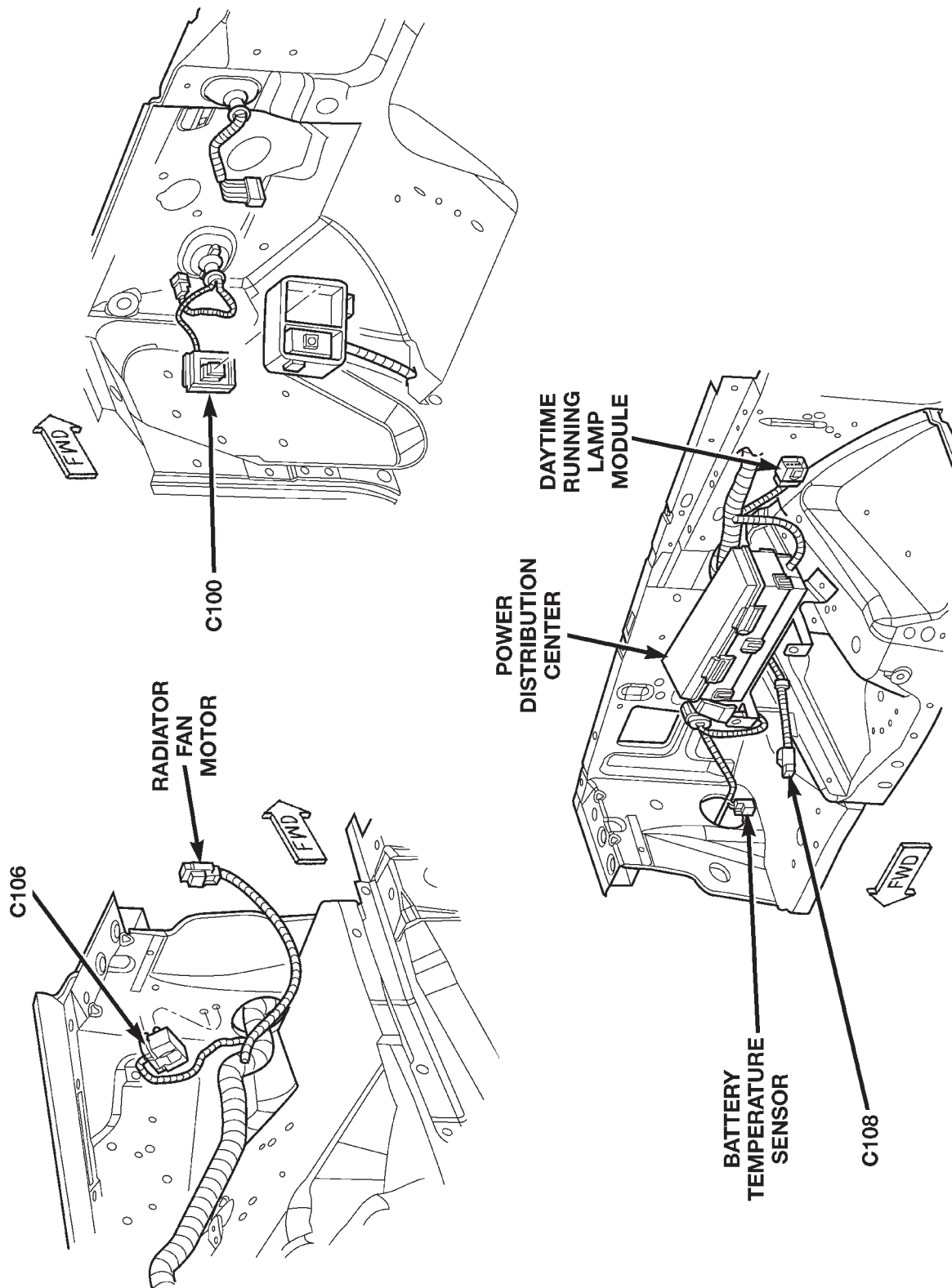


Fig. 6 Engine Compartment Auxiliary Views 2.5L Engine LHD

DESCRIPTION AND OPERATION (Continued)

80be474c

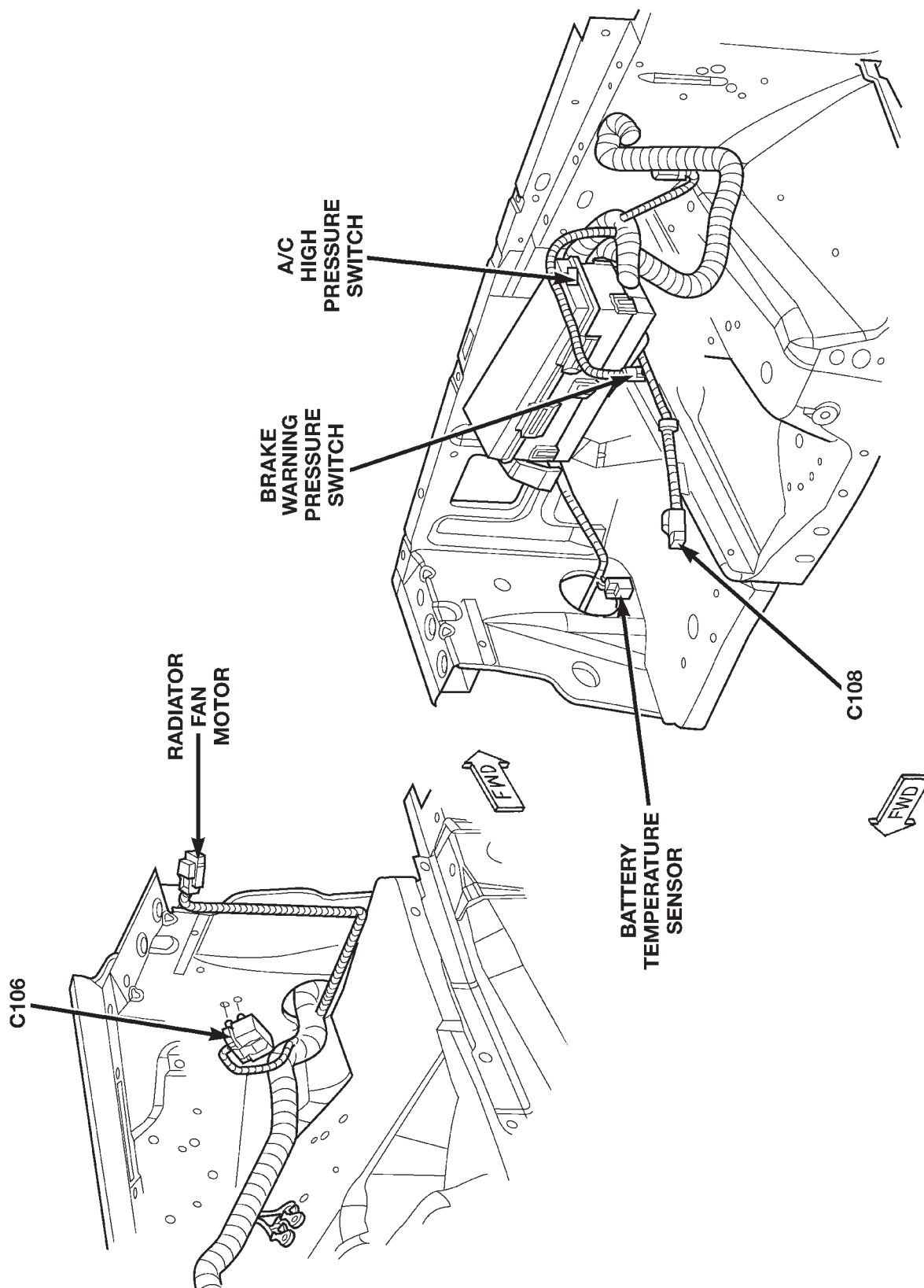
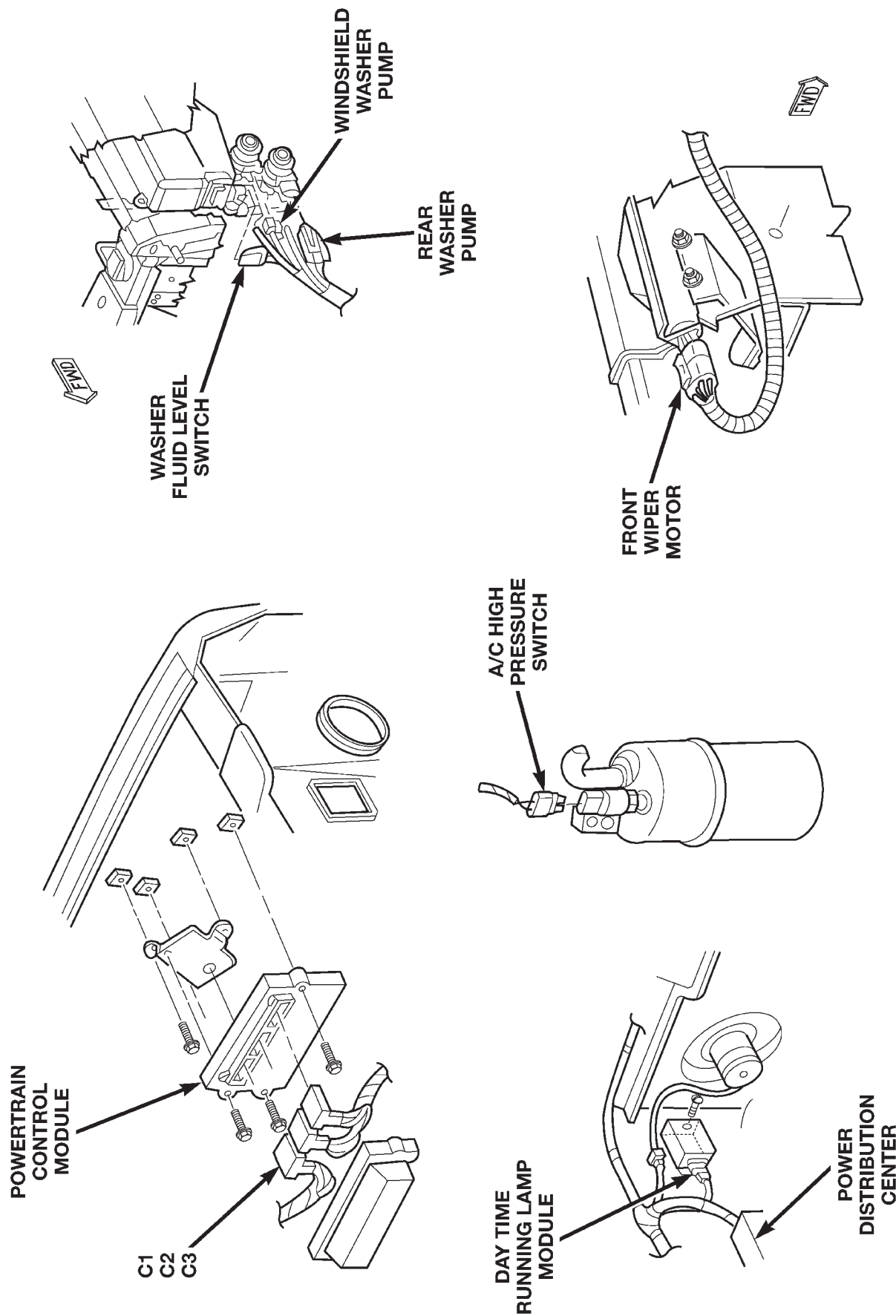


Fig. 7 Engine Compartment Auxiliary Views 2.5L Engine RHD

DESCRIPTION AND OPERATION (Continued)



80be474e

Fig. 8 Engine Compartment Components LHD

DESCRIPTION AND OPERATION (Continued)

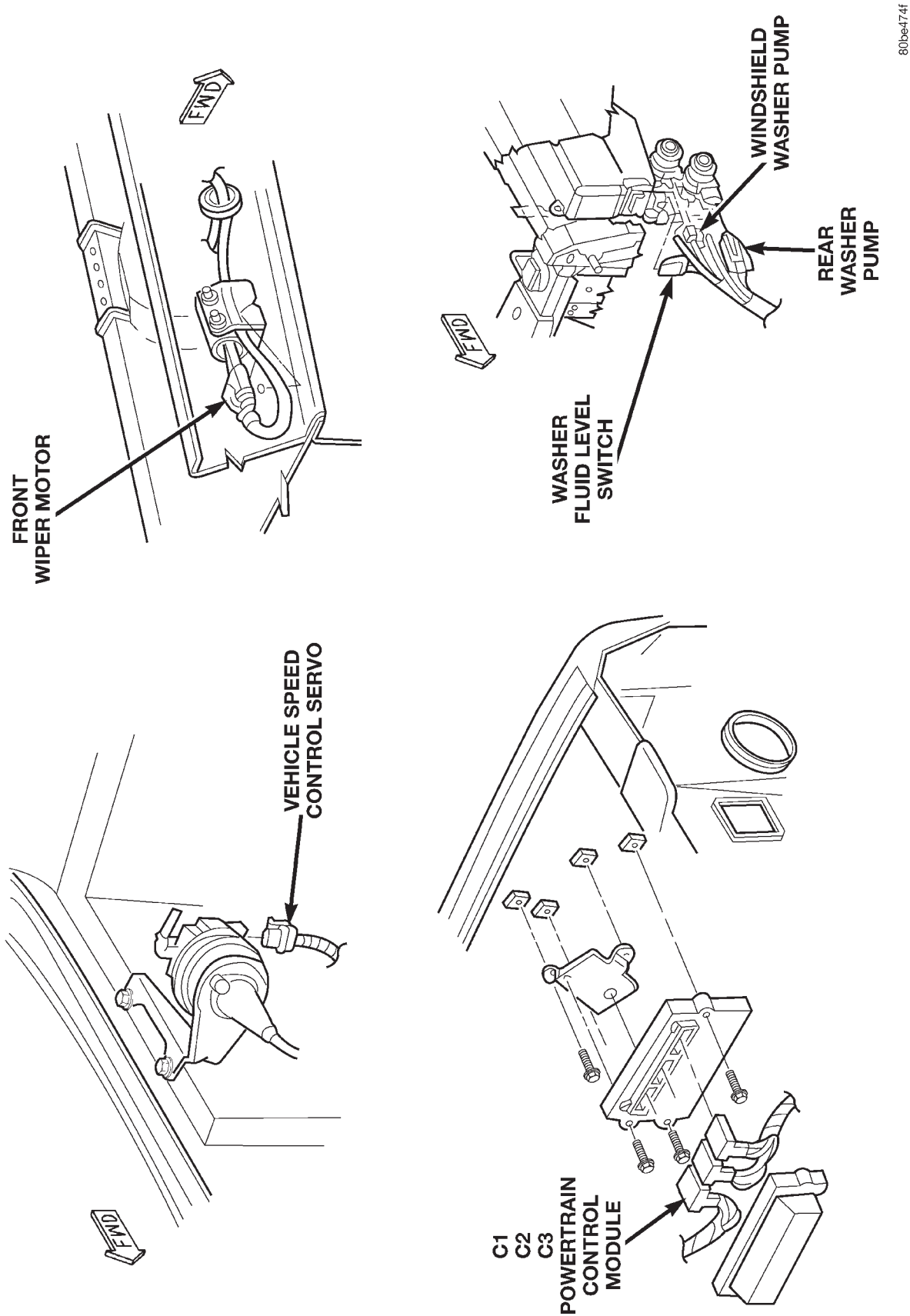
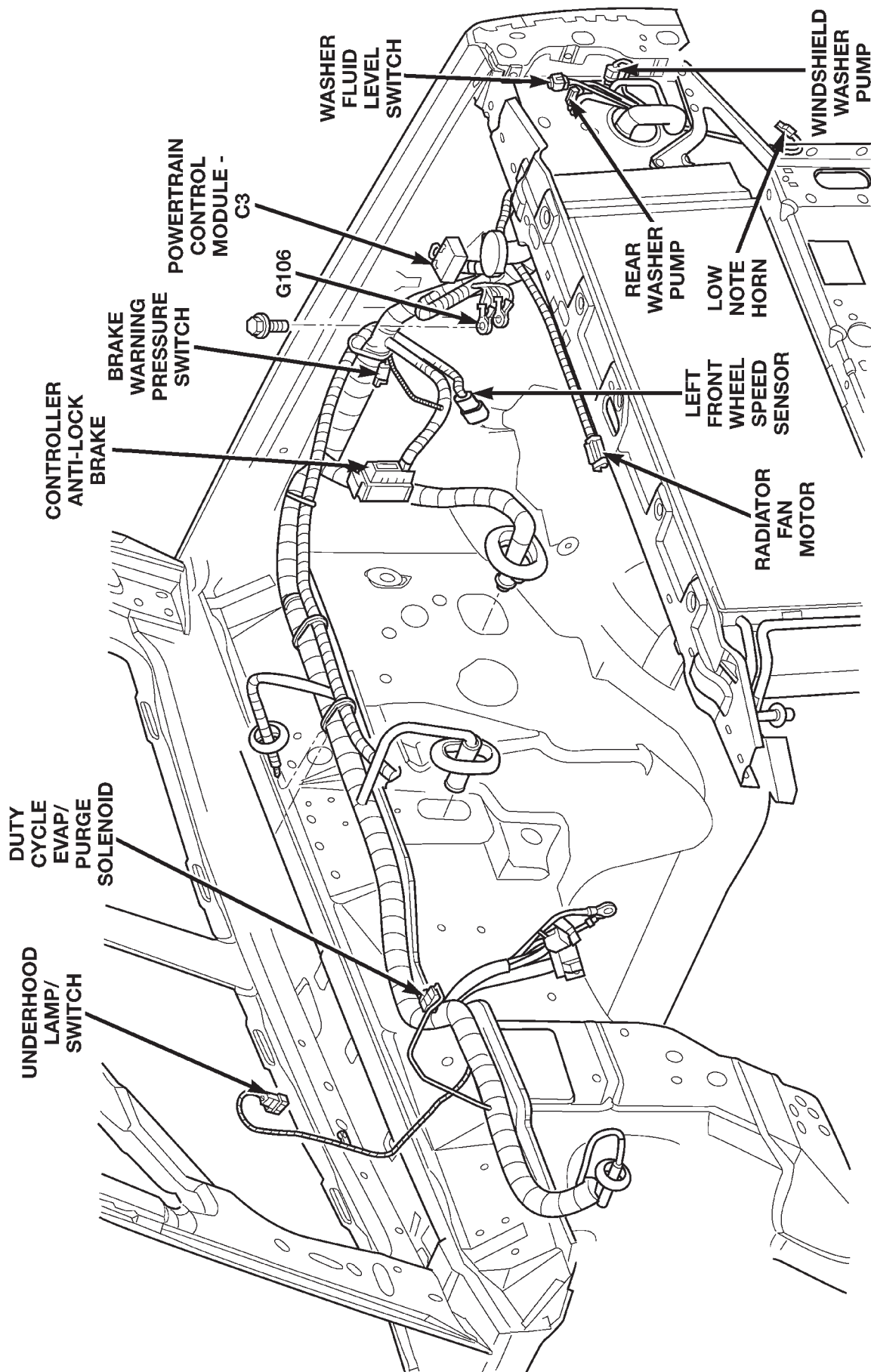


Fig. 9 Engine Compartment Components RHD

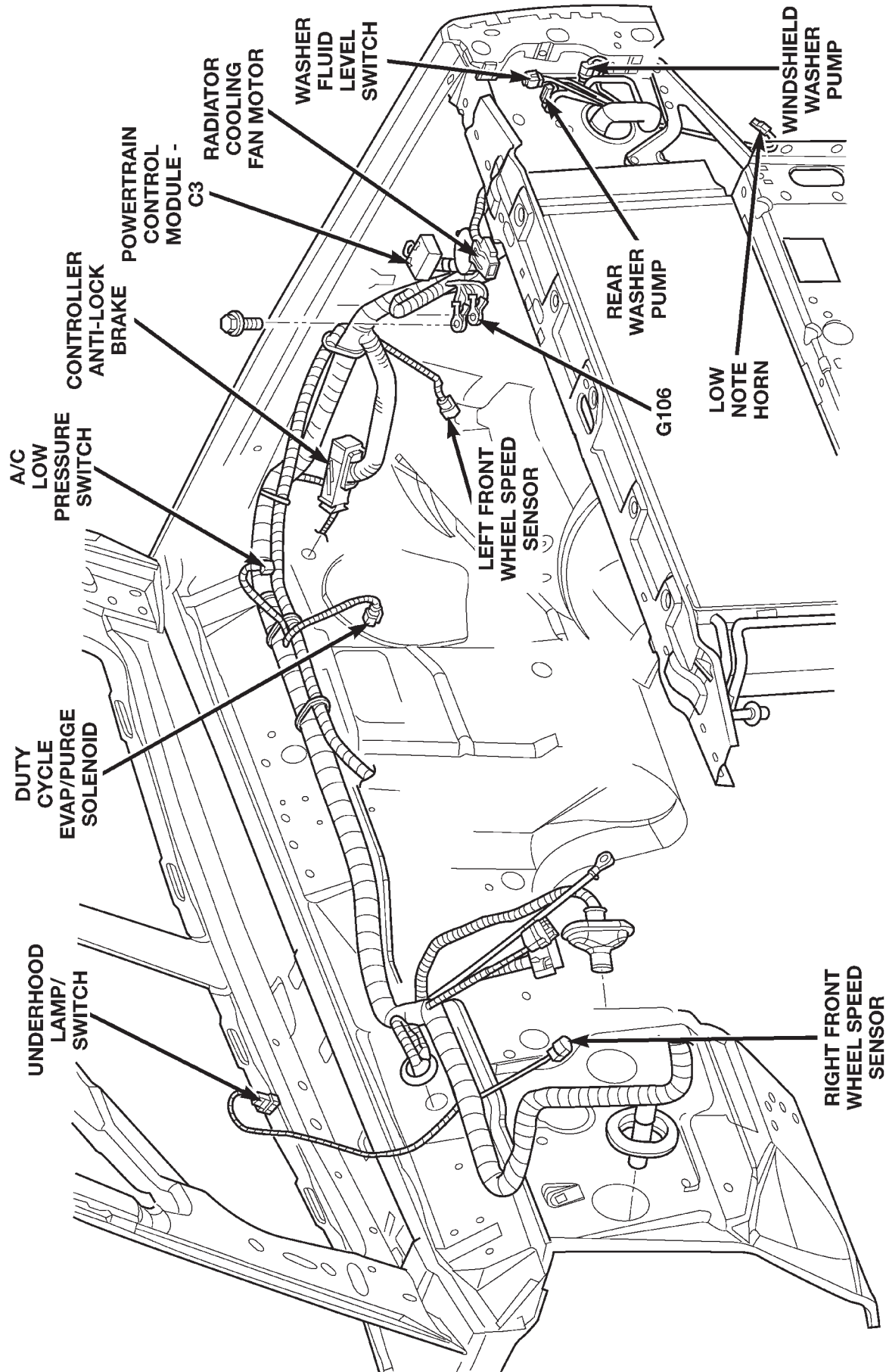
DESCRIPTION AND OPERATION (Continued)



80be4750

Fig. 10 Left Engine Compartment 4.0L Engine LHD

## DESCRIPTION AND OPERATION (Continued)



80be4751

Fig. 11 Left Engine Compartment 4.0L Engine RHD



DESCRIPTION AND OPERATION (Continued)

80be4752

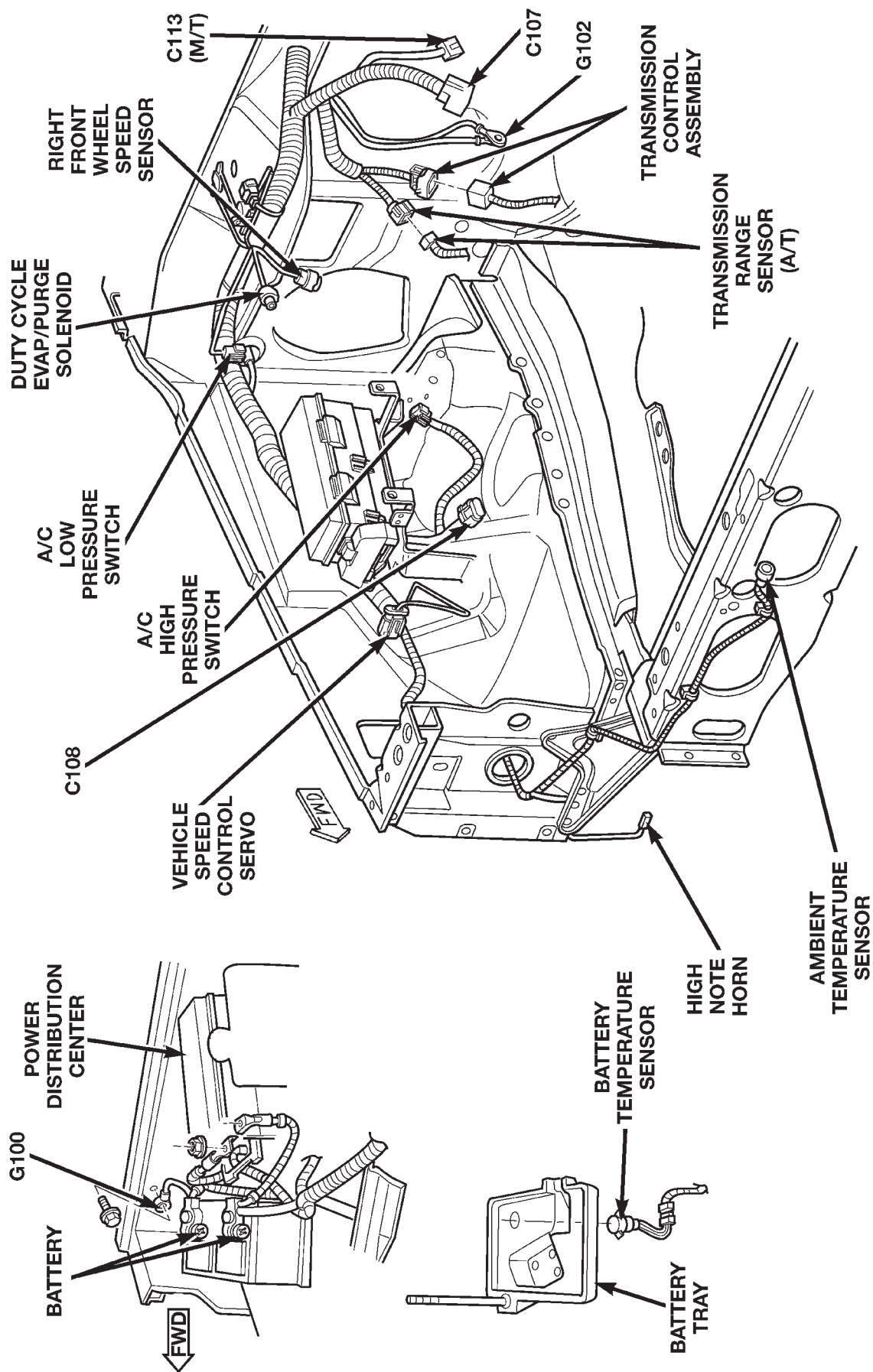
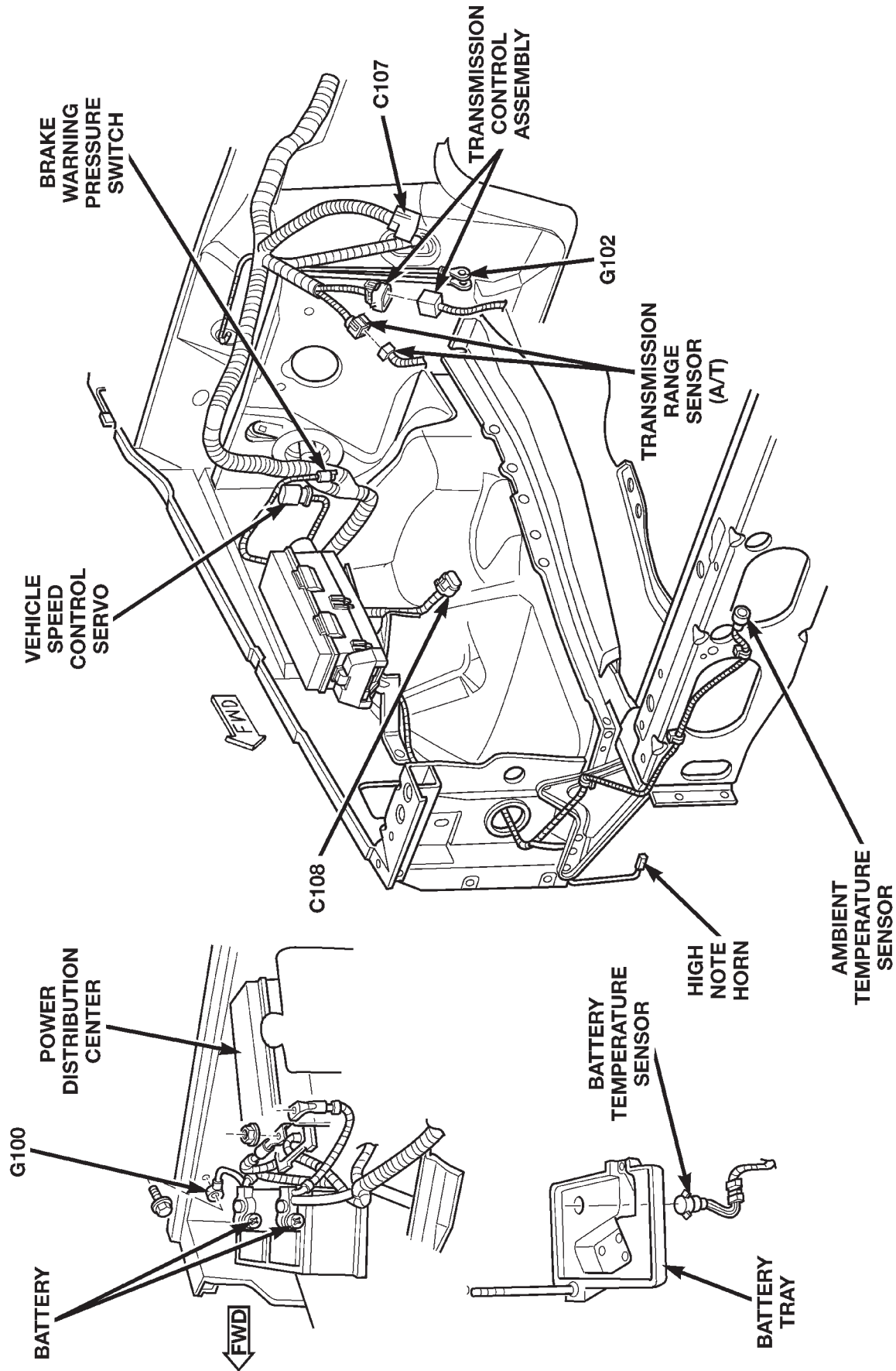


Fig. 12 Right Engine Compartment 4.0L Engine LHD

## DESCRIPTION AND OPERATION (Continued)



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Fig. 13 Right Engine Compartment 4.0L Engine RHD



DESCRIPTION AND OPERATION (Continued)

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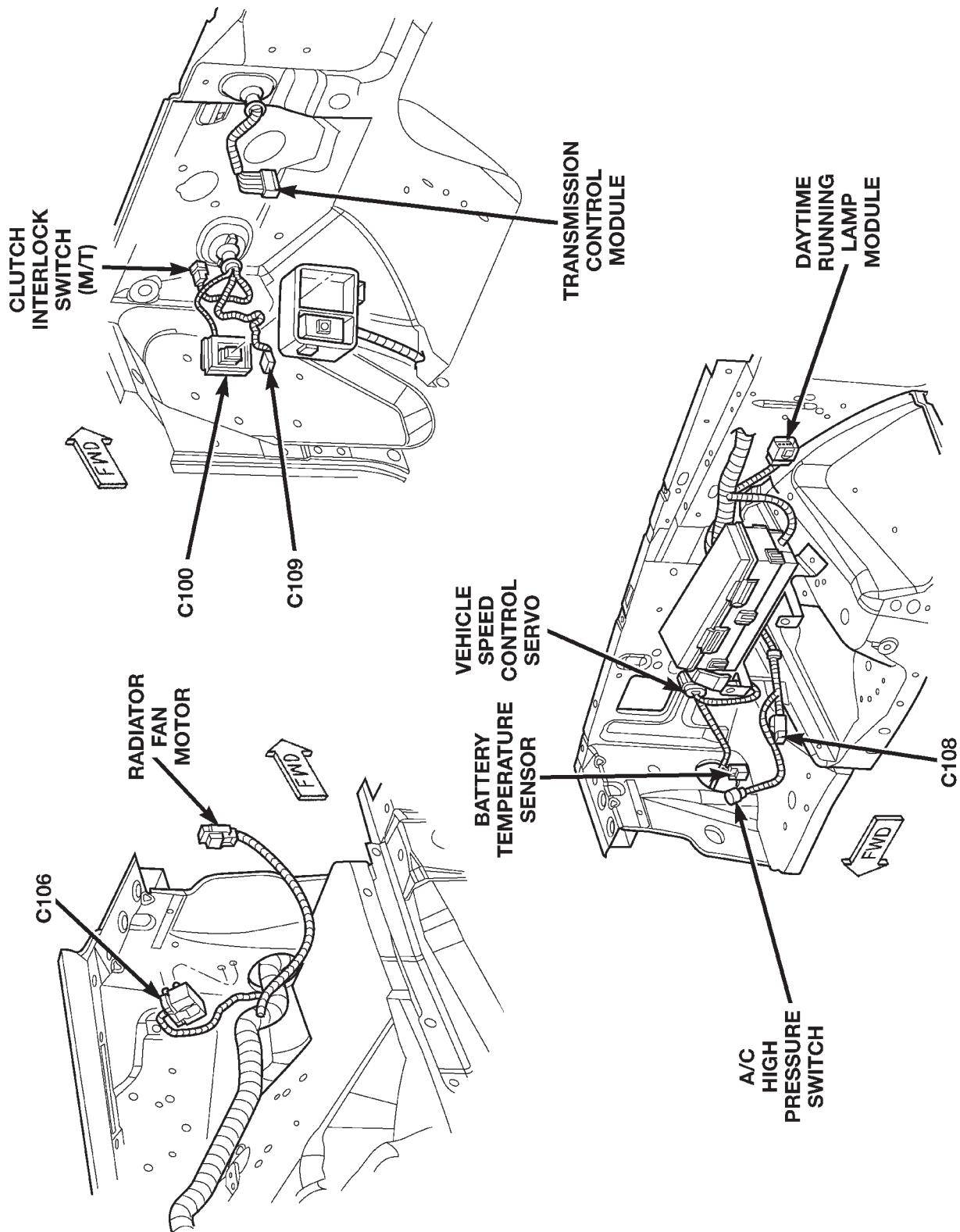


Fig. 14 Engine Compartment Auxiliary Views 4.0L Engine LHD

## DESCRIPTION AND OPERATION (Continued)

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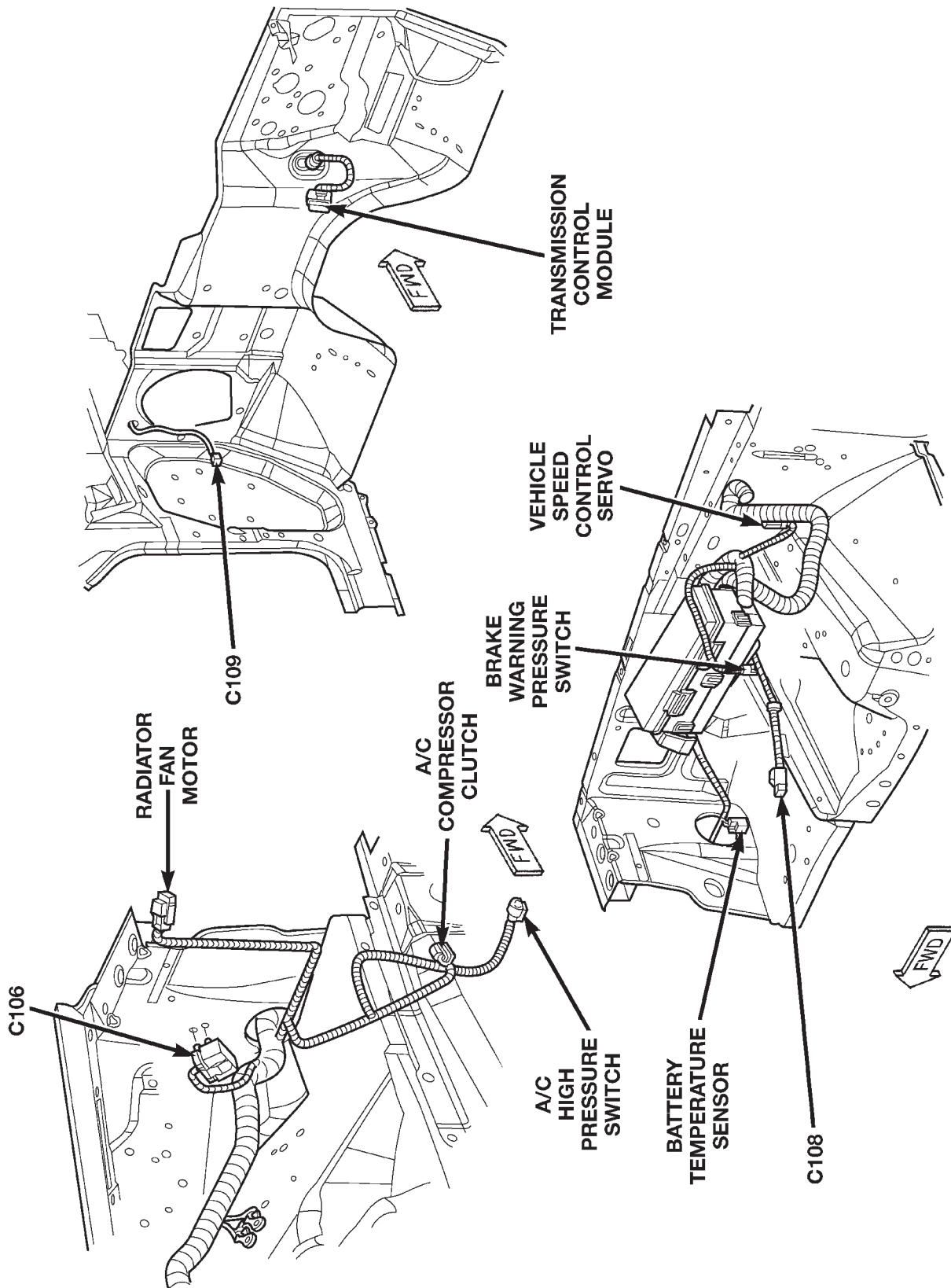
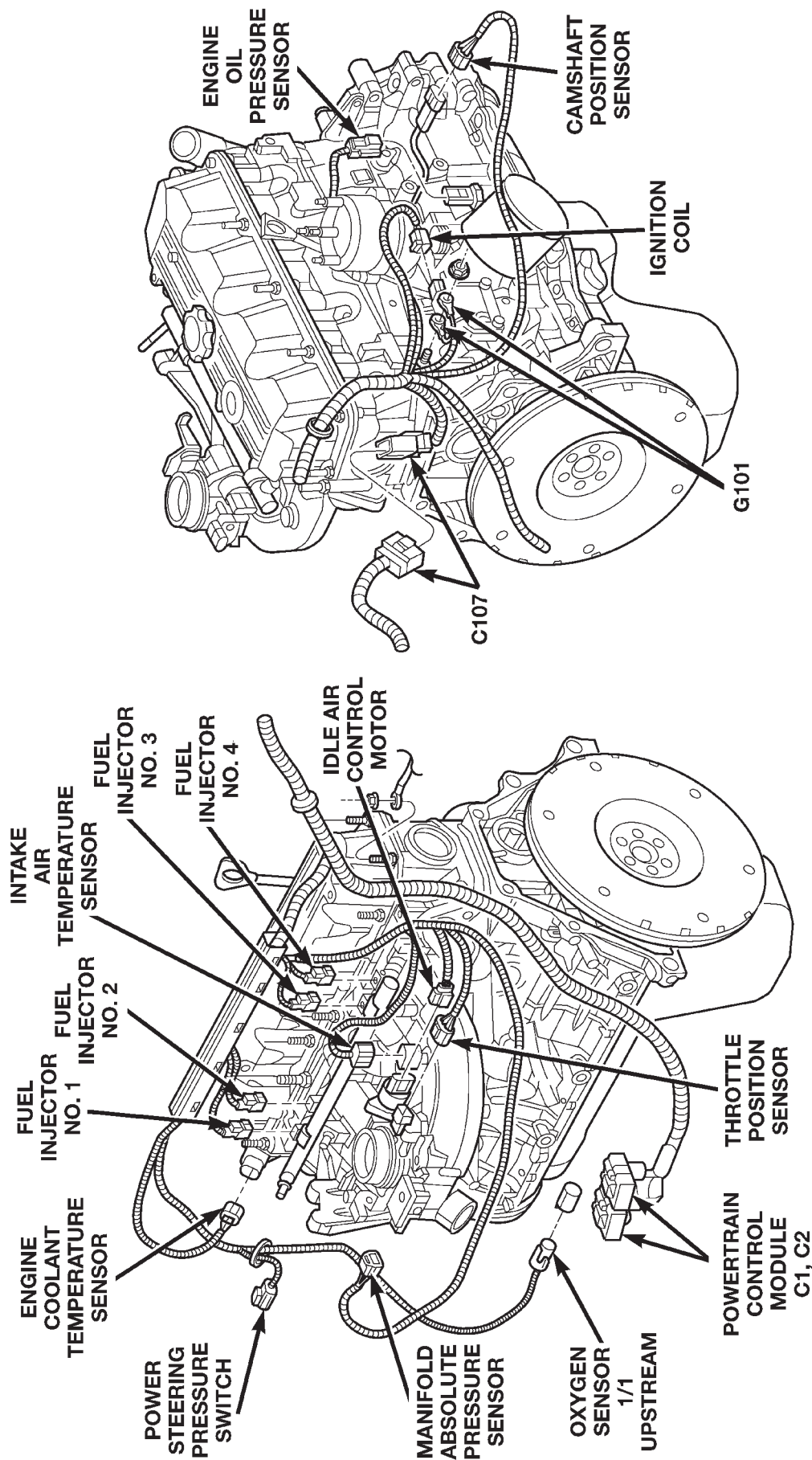


Fig. 15 Engine Compartment Auxiliary Views 4.0L Engine RHD

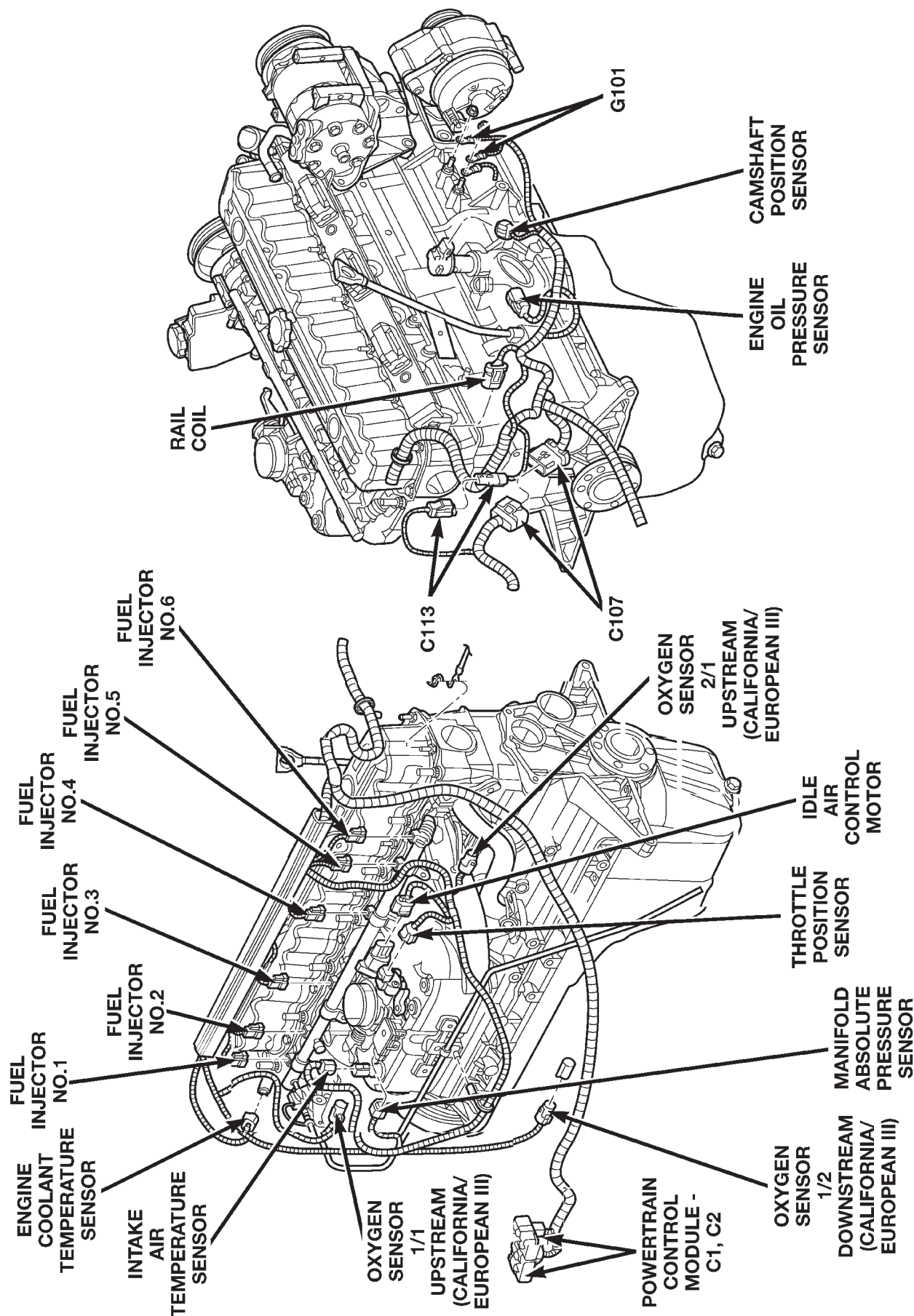
DESCRIPTION AND OPERATION (Continued)



80be4756

Fig. 16 2.5L Engine

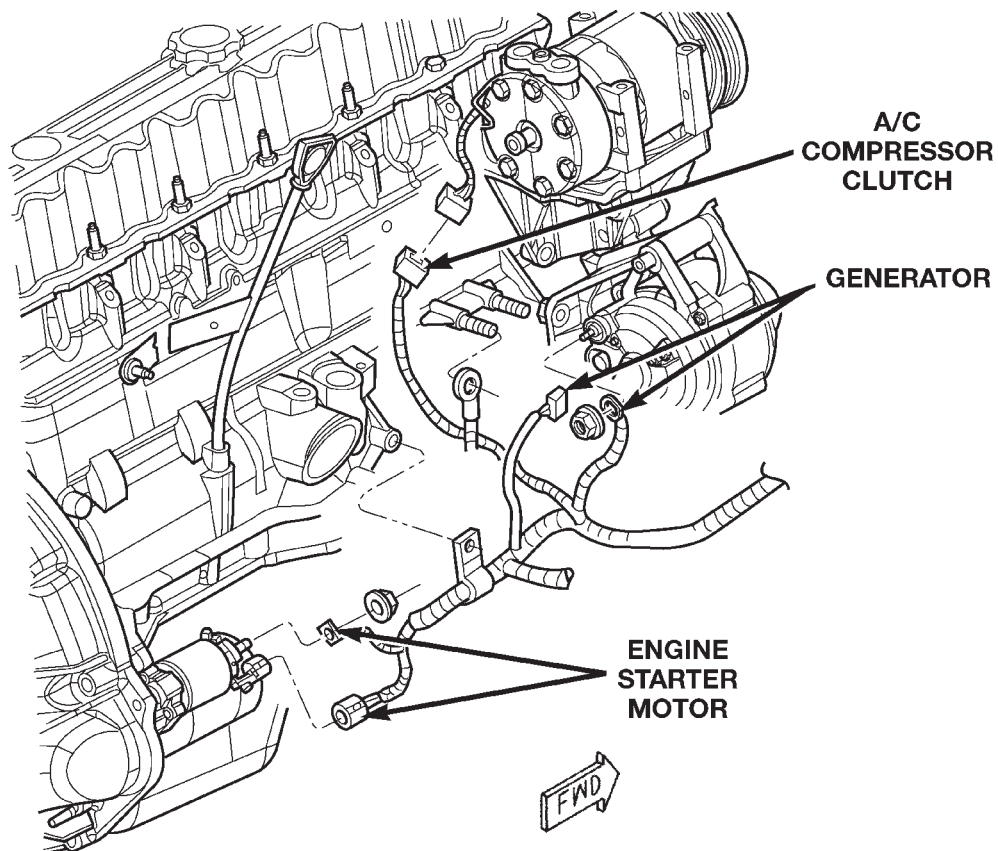
## DESCRIPTION AND OPERATION (Continued)



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Fig. 17 4.0L Engine

DESCRIPTION AND OPERATION (Continued)

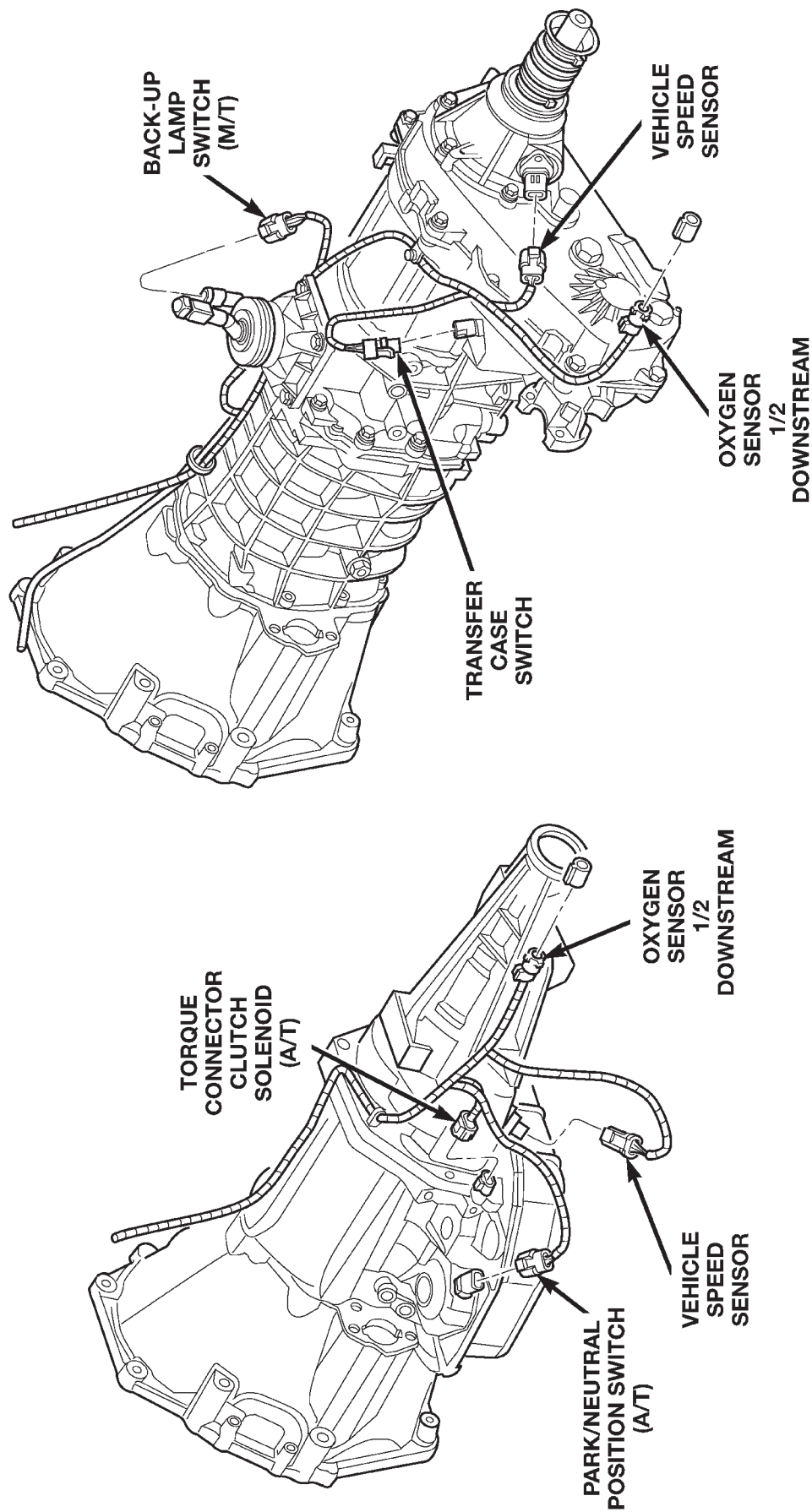


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**Fig. 18 4.0L Engine**



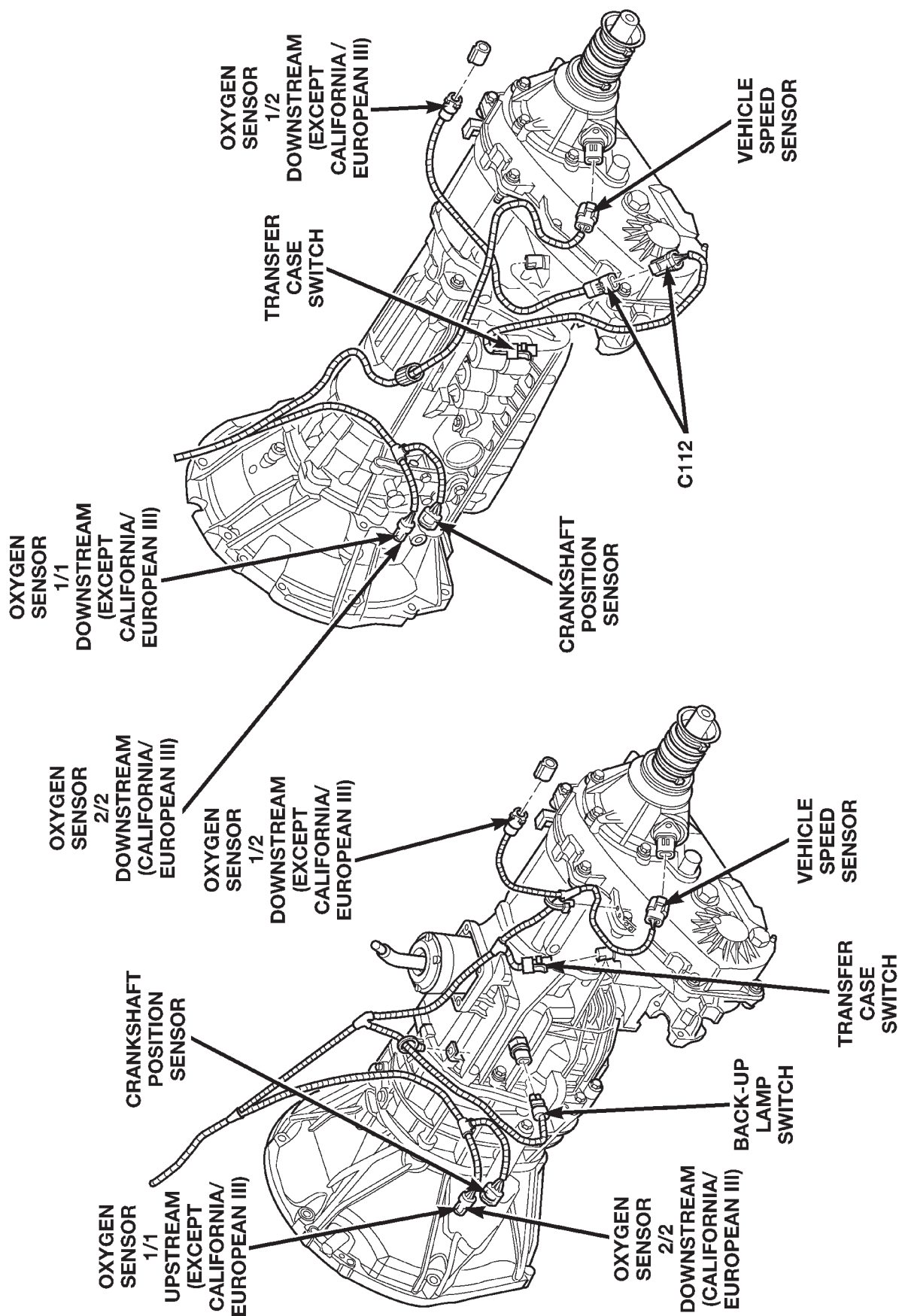
## DESCRIPTION AND OPERATION (Continued)



80be4759

Fig. 19 Transmission Connectors 2.5L Engine

DESCRIPTION AND OPERATION (Continued)



80be475a

Fig. 20 Transmission Connectors 4.0L Engine

## DESCRIPTION AND OPERATION (Continued)

80be475b

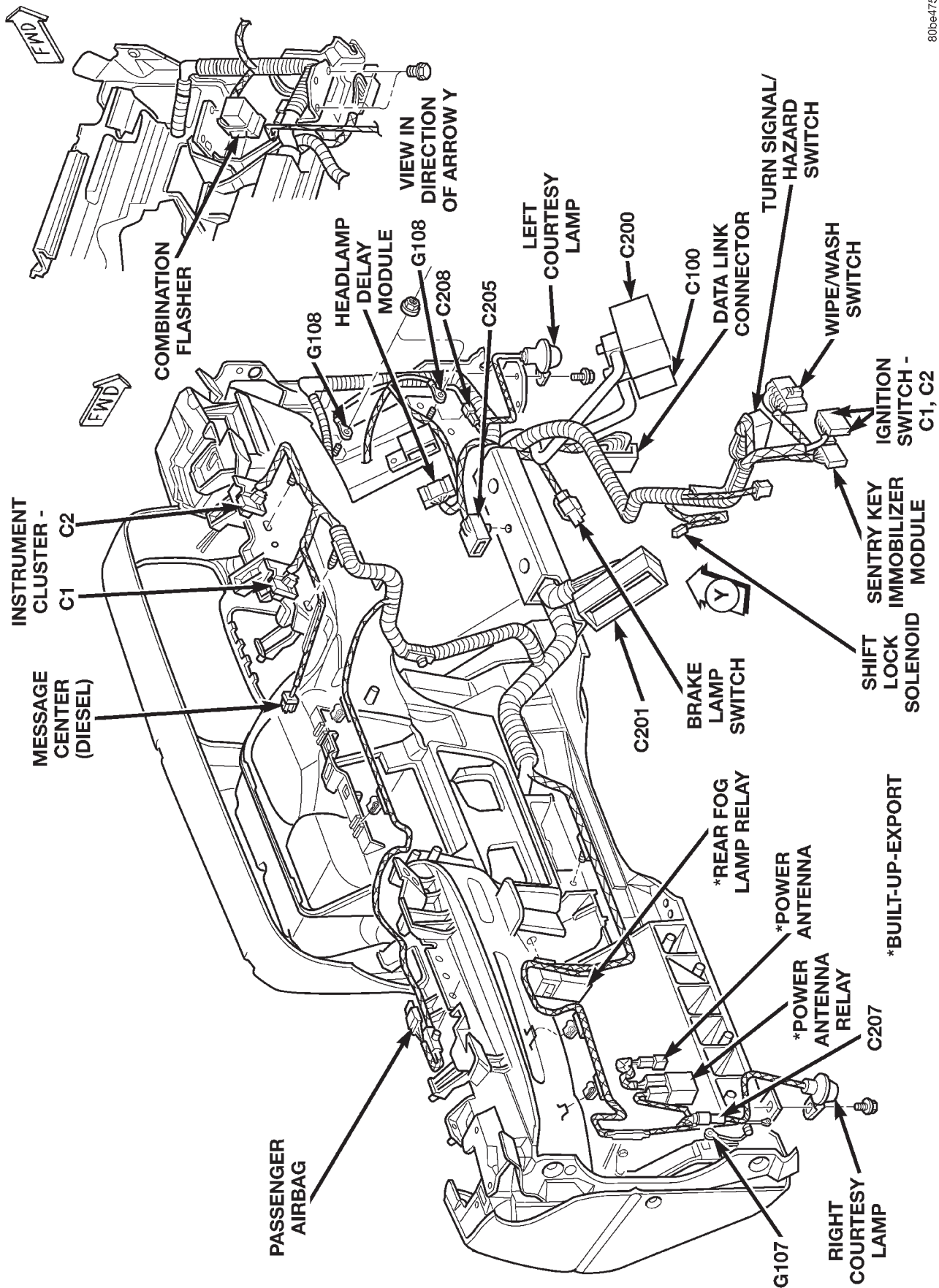


Fig. 21 Instrument Panel LHD



DESCRIPTION AND OPERATION (Continued)

80be475c

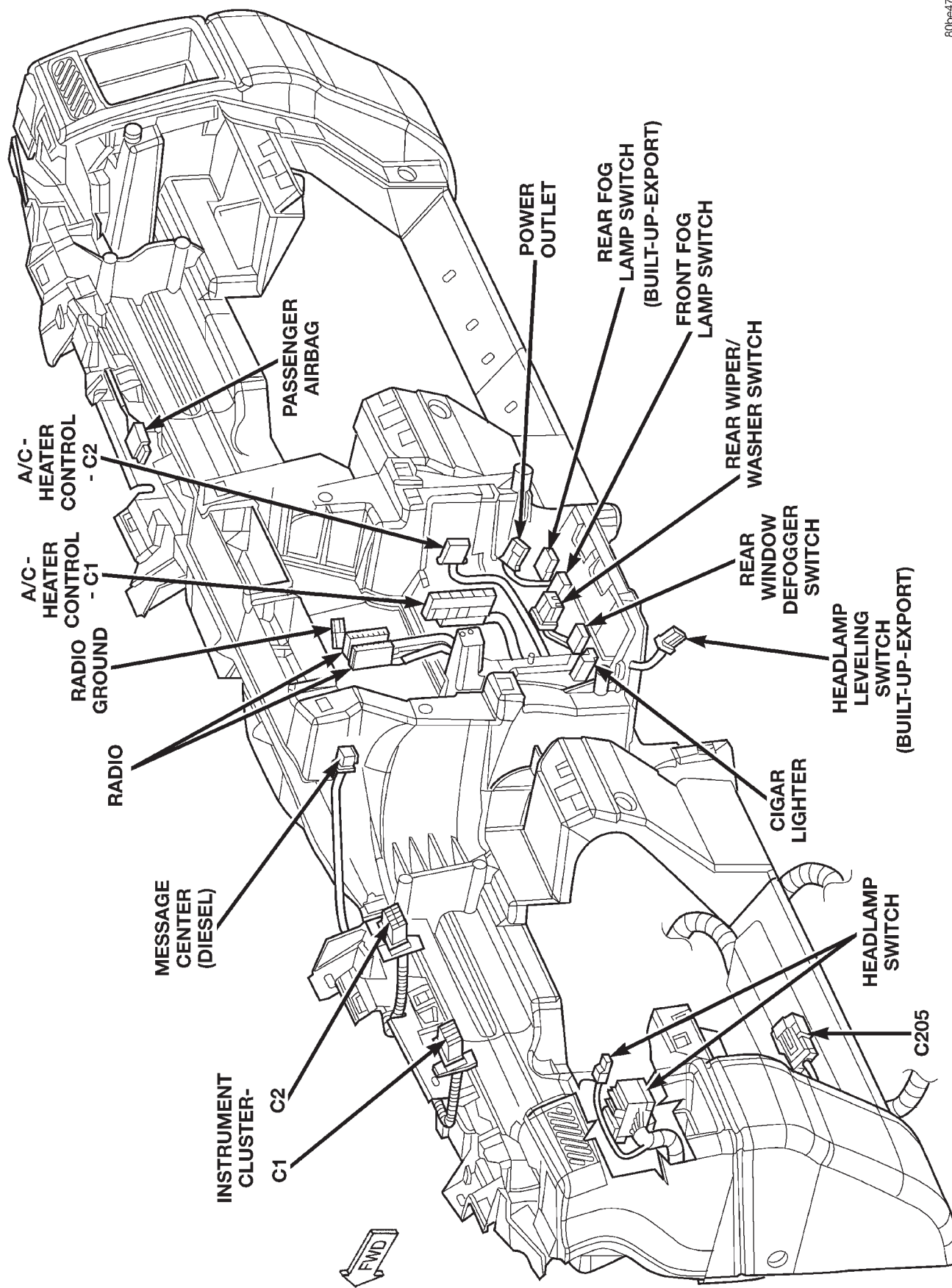


Fig. 22 Instrument Panel LHD

## DESCRIPTION AND OPERATION (Continued)

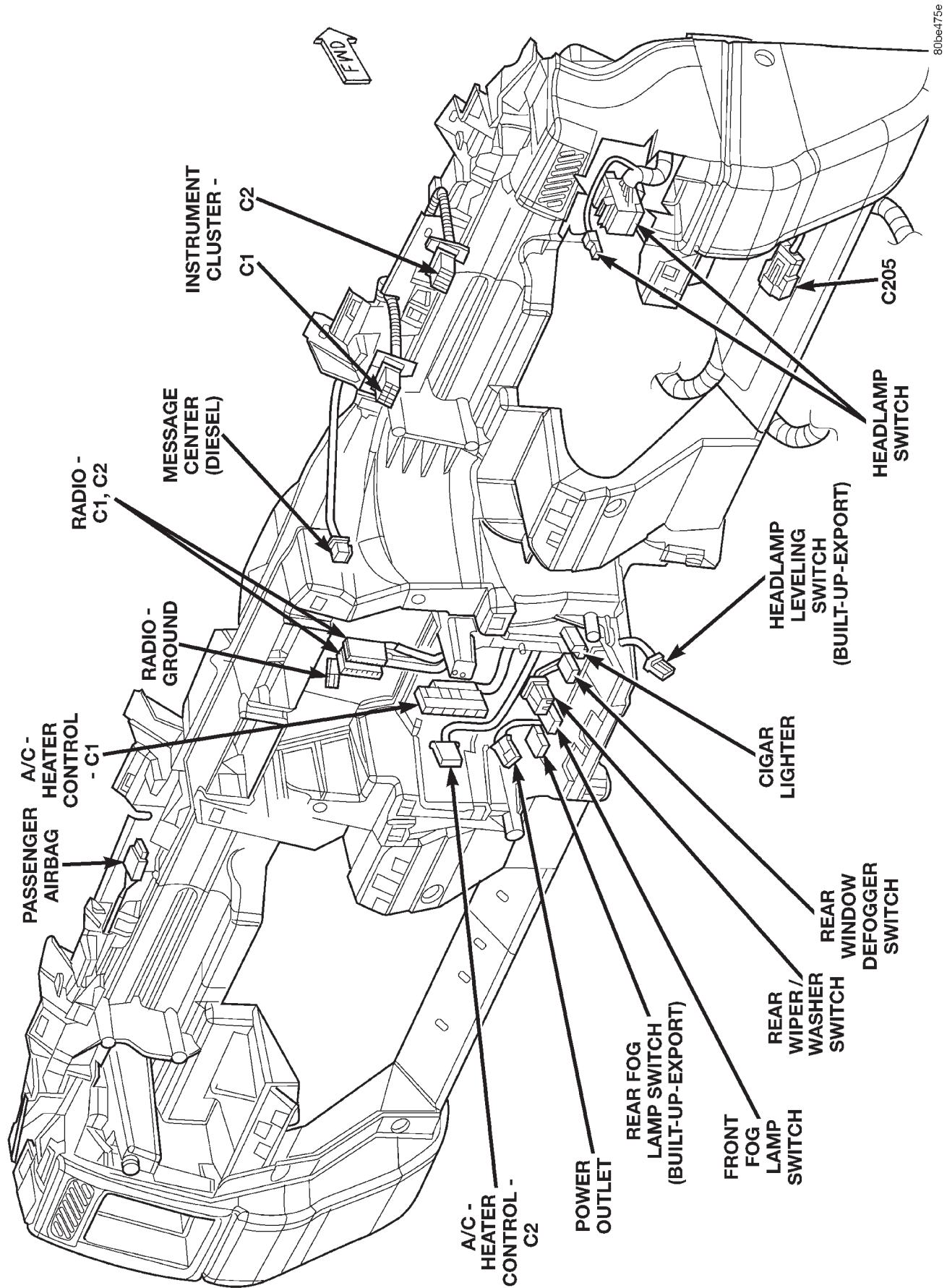


Fig. 23 Instrument Panel RHD

DESCRIPTION AND OPERATION (Continued)

80be475f

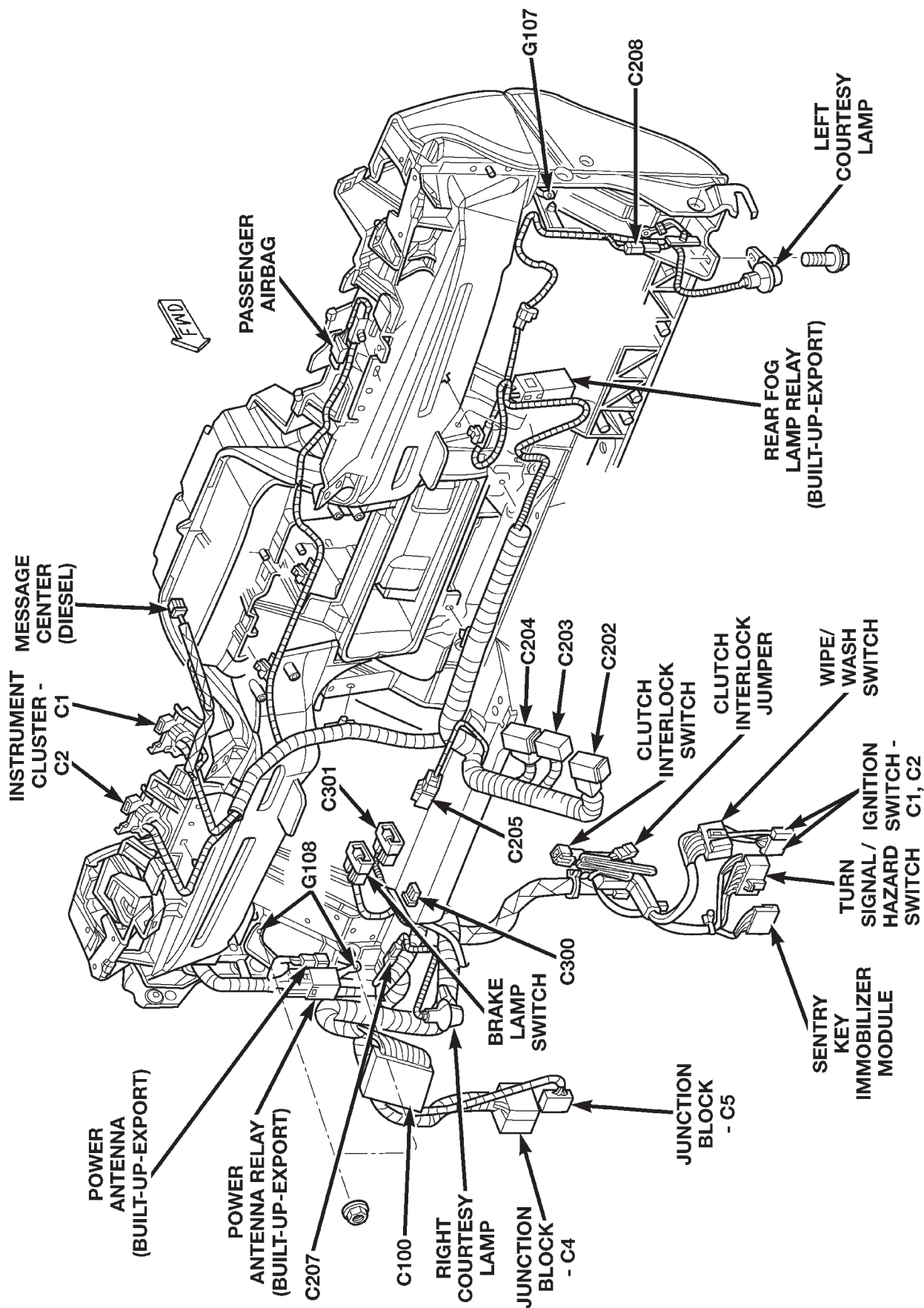
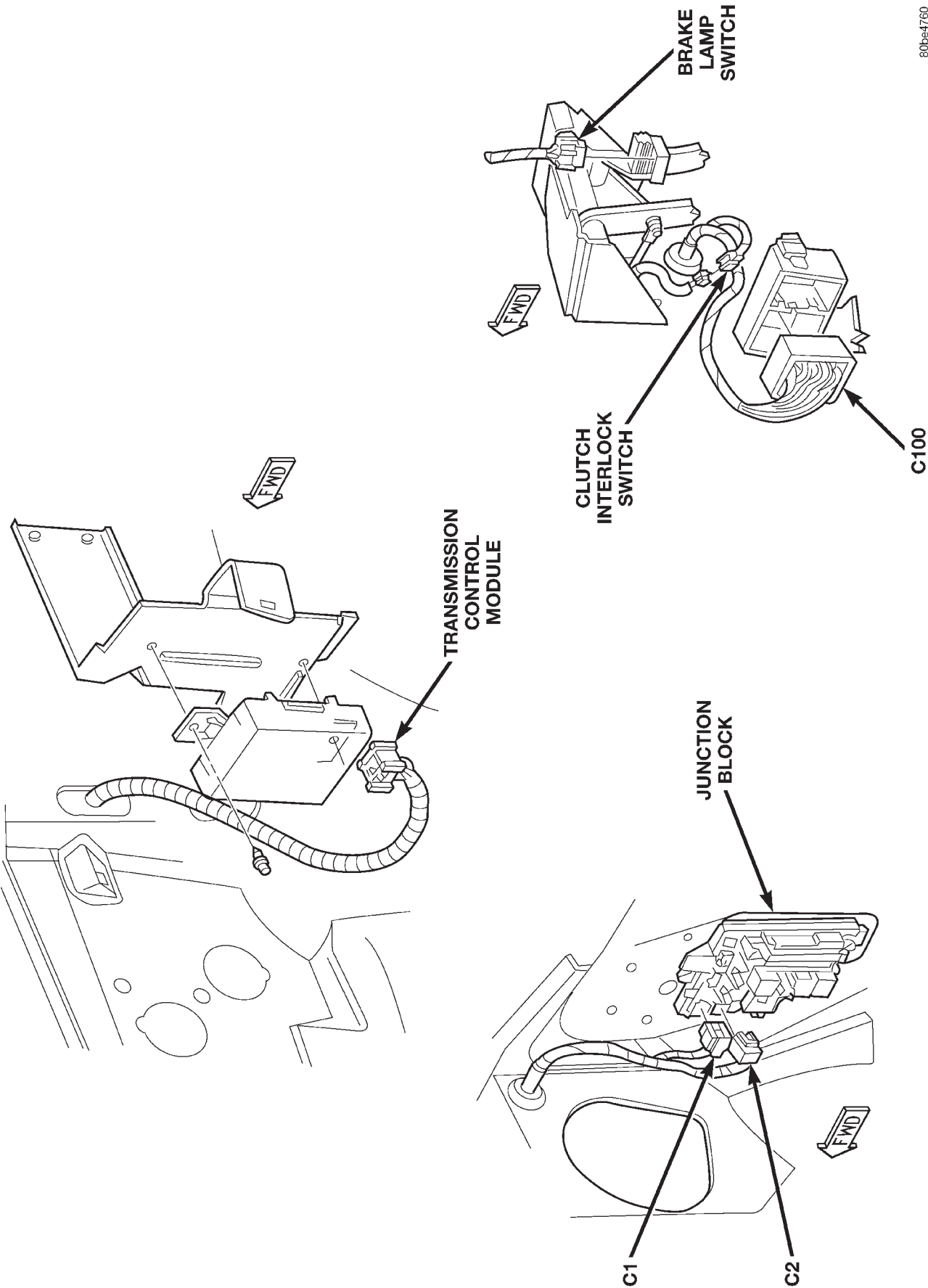


Fig. 24 Instrument Panel RHD

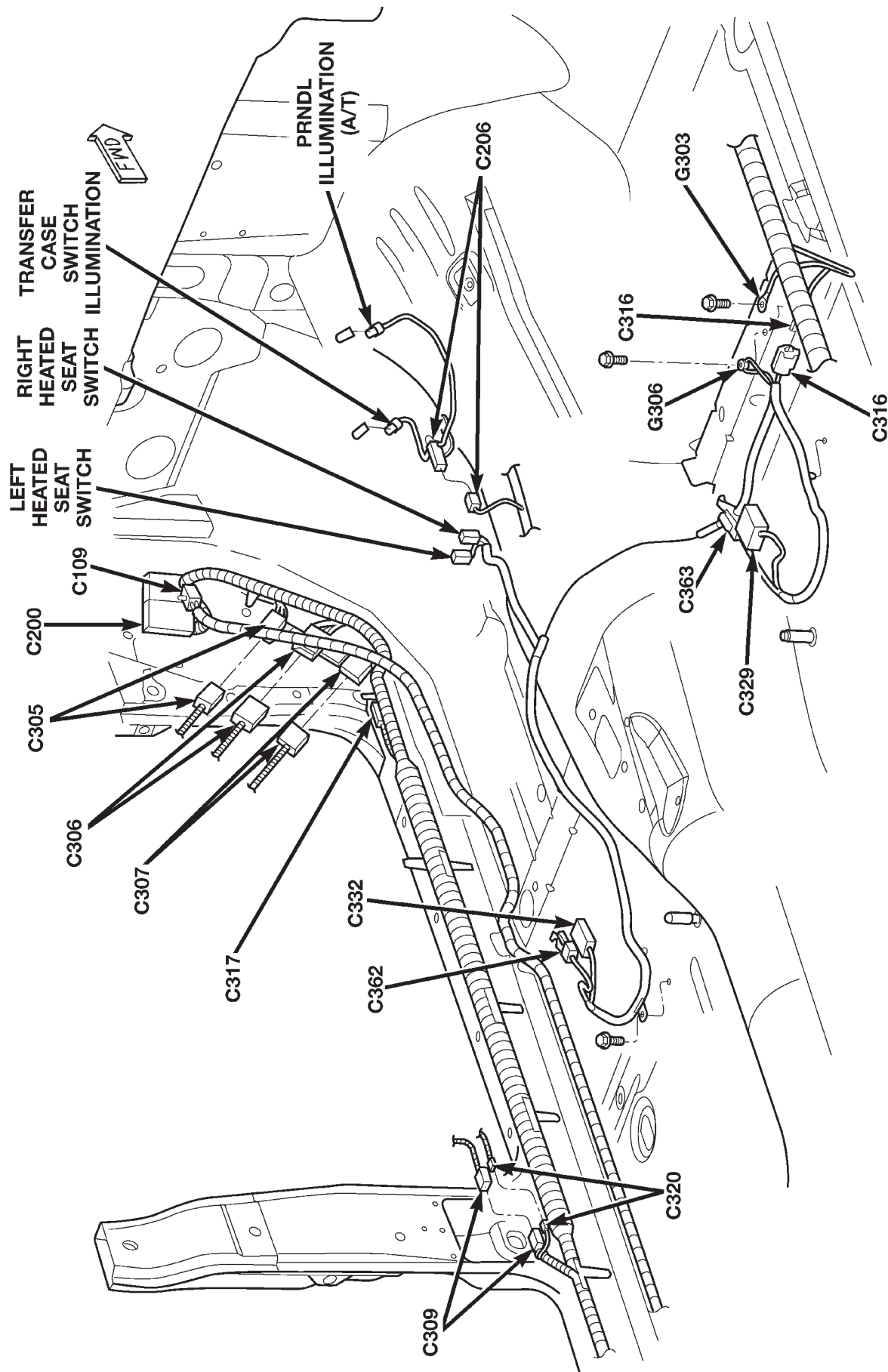
DESCRIPTION AND OPERATION (Continued)



80be4760

Fig. 25 Under Dash Components

DESCRIPTION AND OPERATION (Continued)

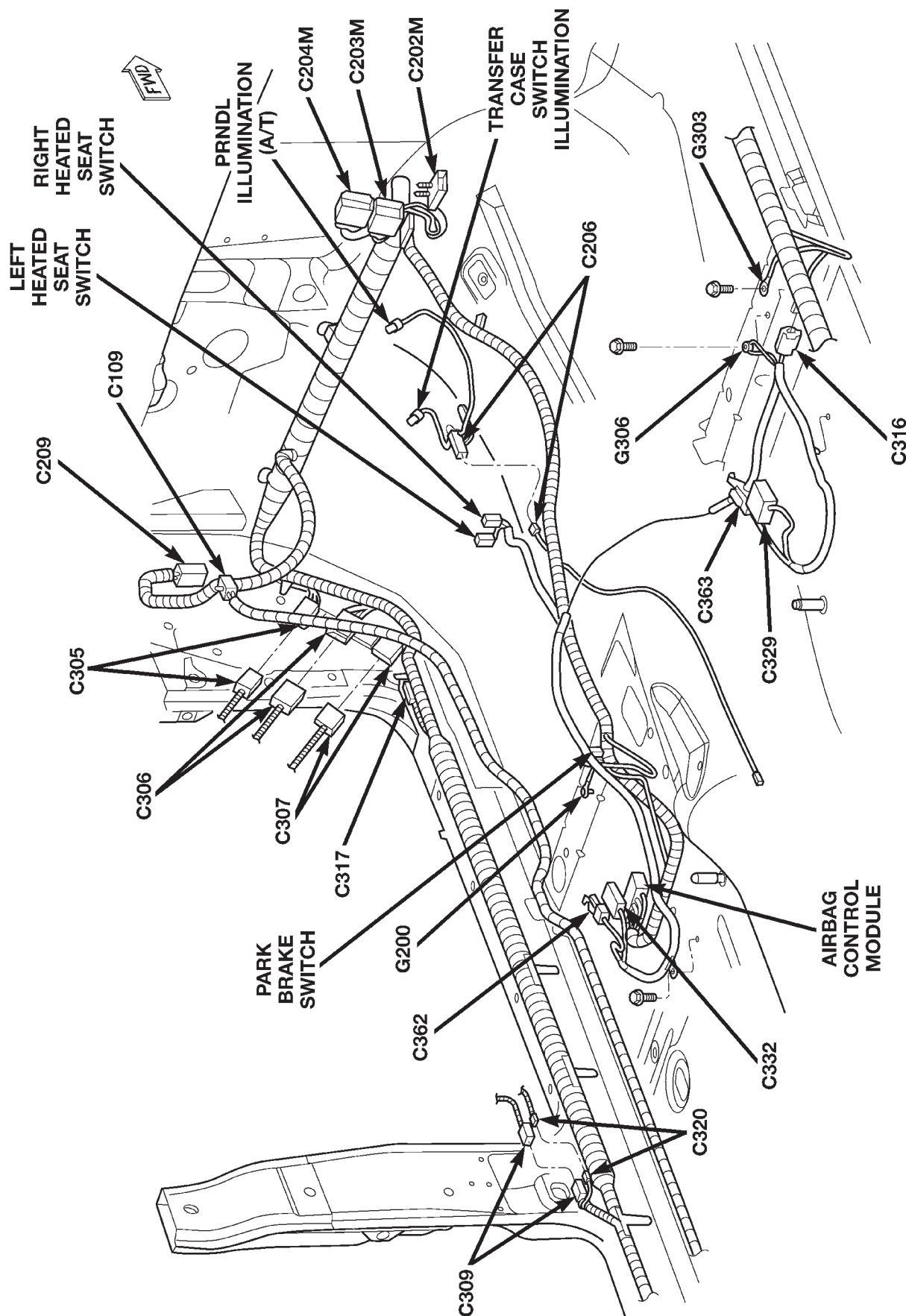


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Fig. 26 Left Side Body LHD



## DESCRIPTION AND OPERATION (Continued)



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Fig. 27 Left Side Body RHD

DESCRIPTION AND OPERATION (Continued)

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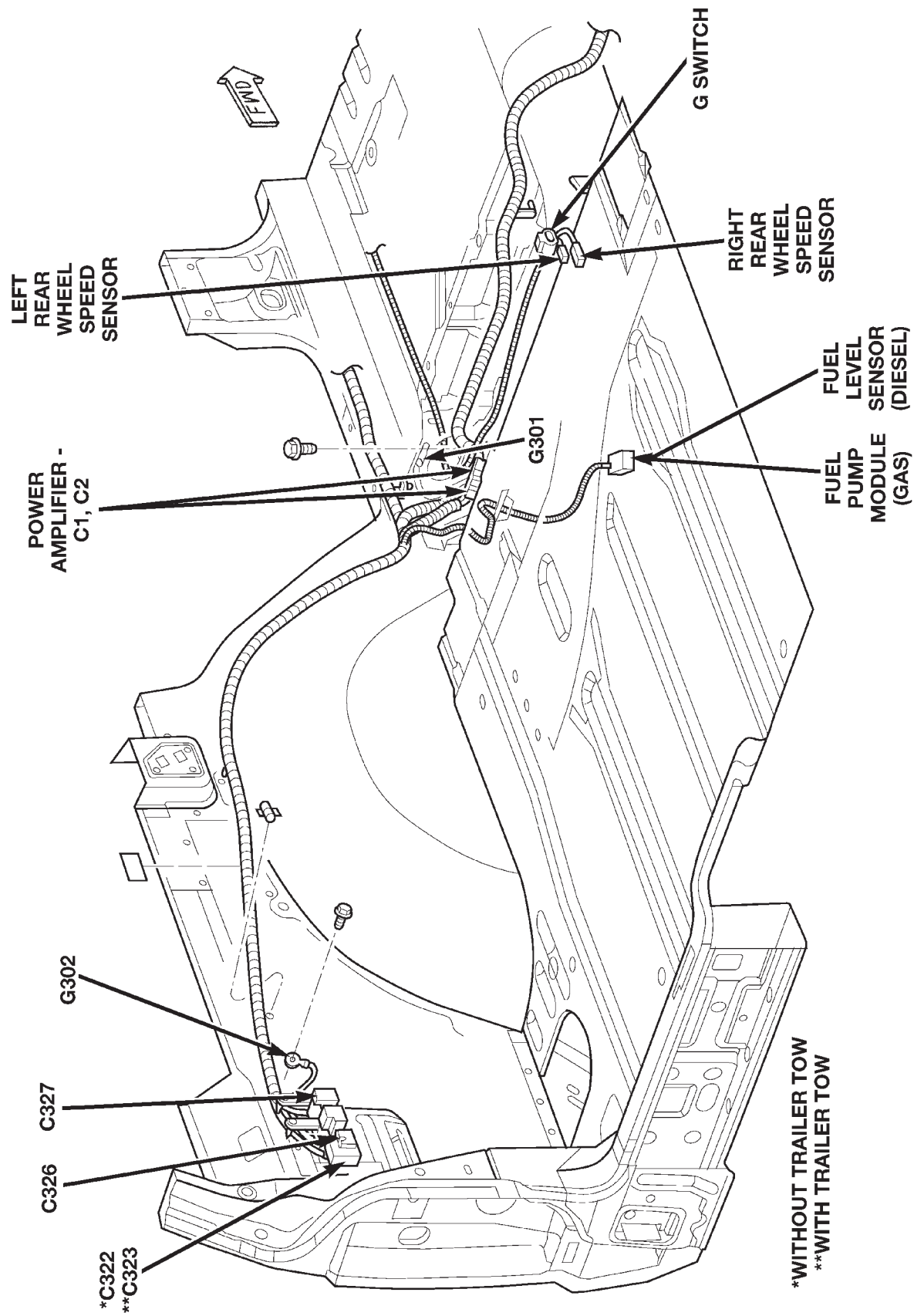


Fig. 28 Left Rear Body

## DESCRIPTION AND OPERATION (Continued)

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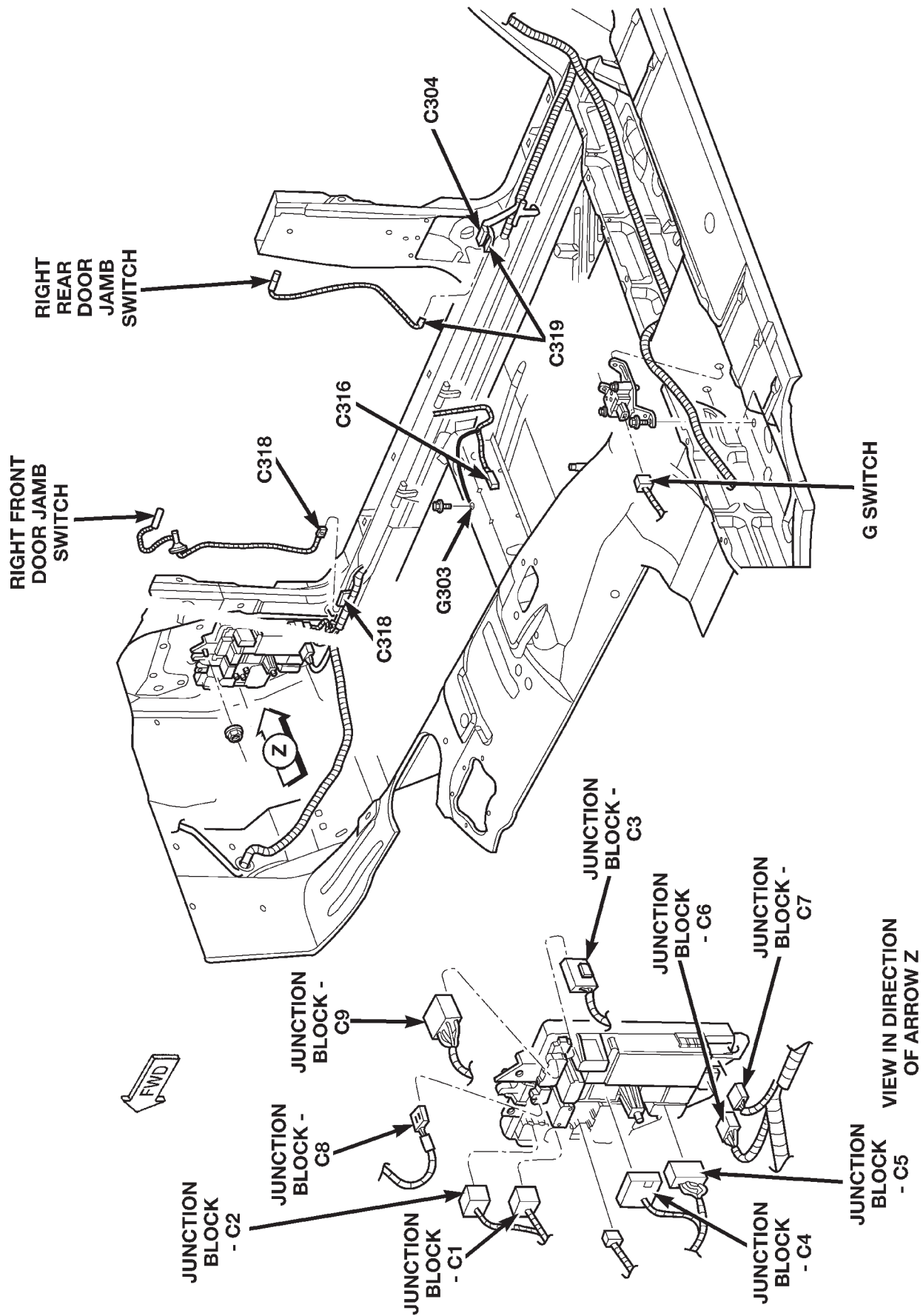


Fig. 29 Right Side Body and Junction Block



DESCRIPTION AND OPERATION (Continued)

80be4765

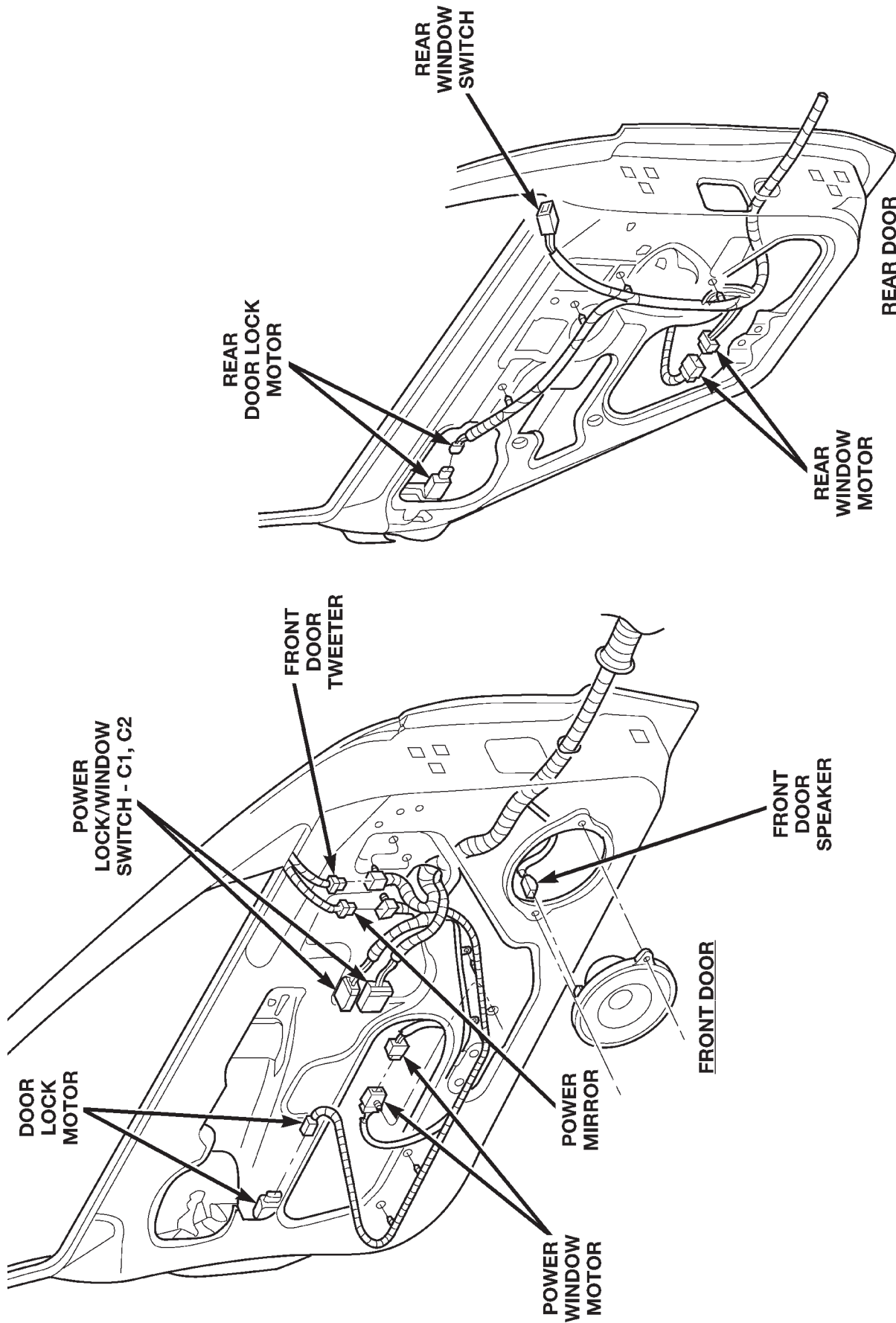
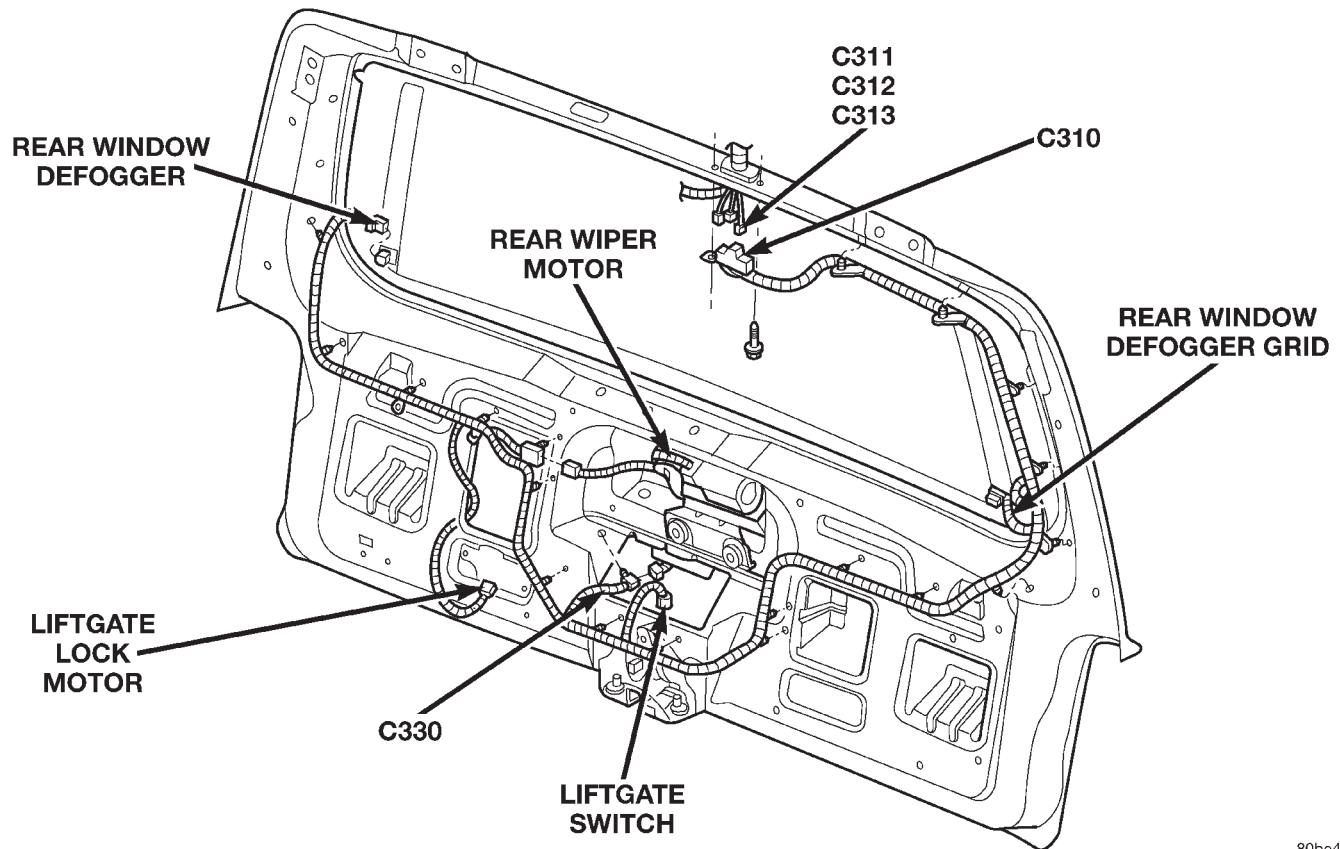


Fig. 30 Front and Rear Doors (Left Side Shown, Right Side Similar)

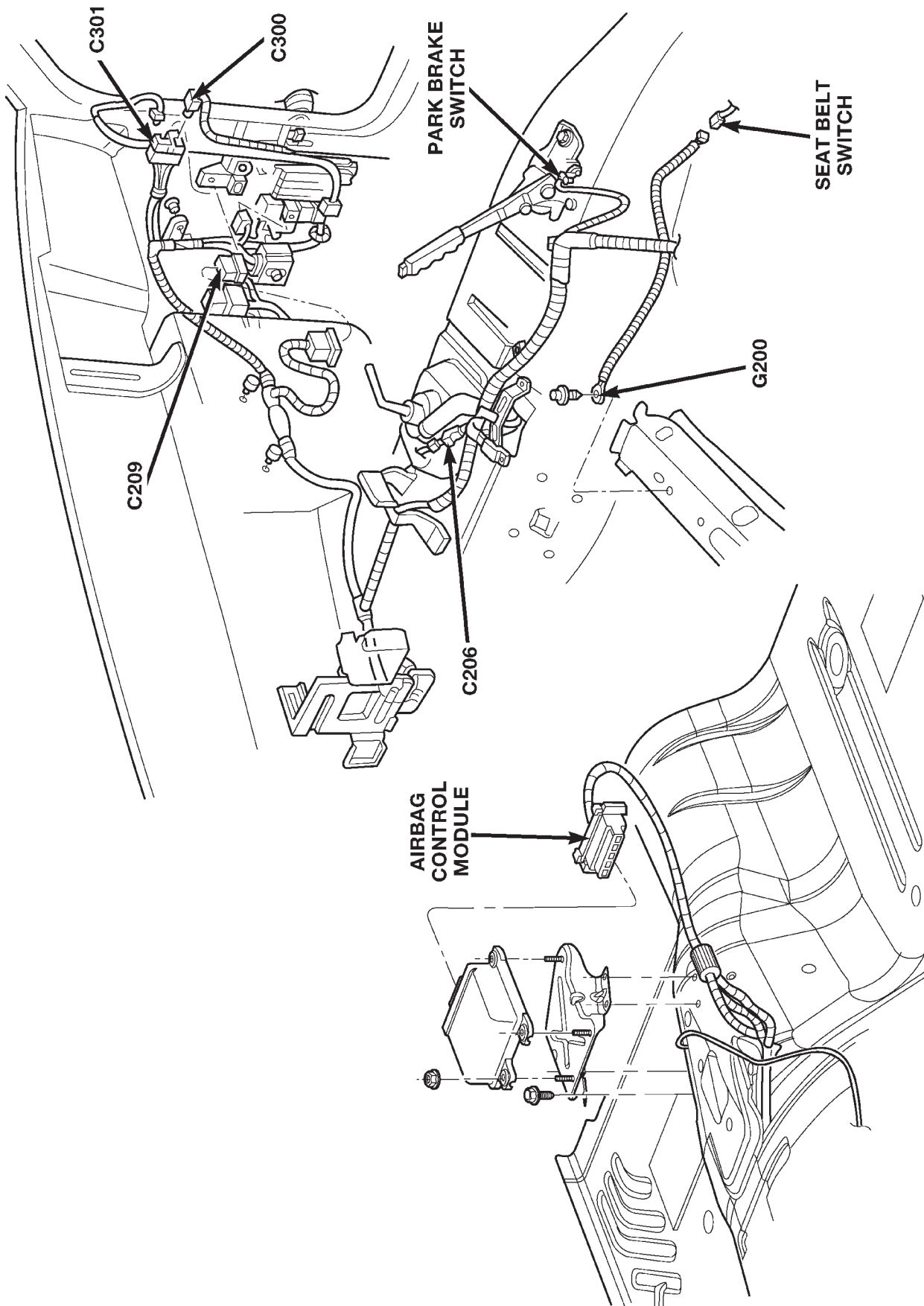
## DESCRIPTION AND OPERATION (Continued)



80be4766

*Fig. 31 Liftgate*

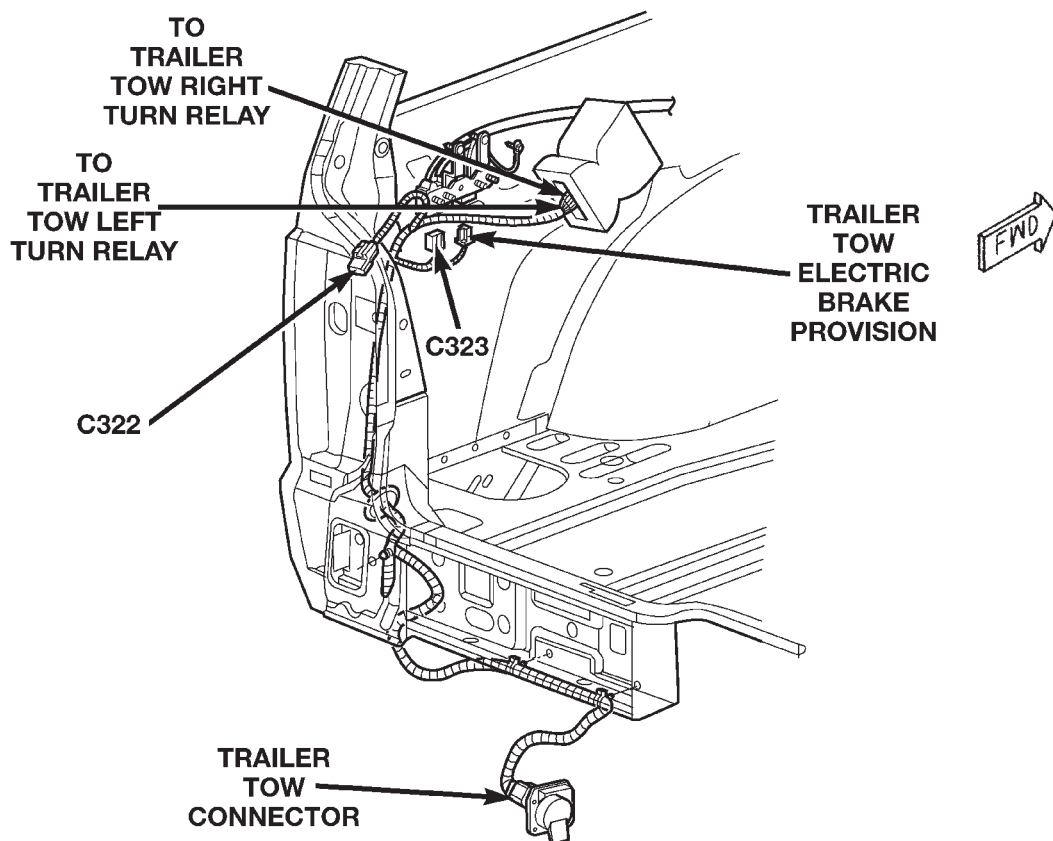
DESCRIPTION AND OPERATION (Continued)



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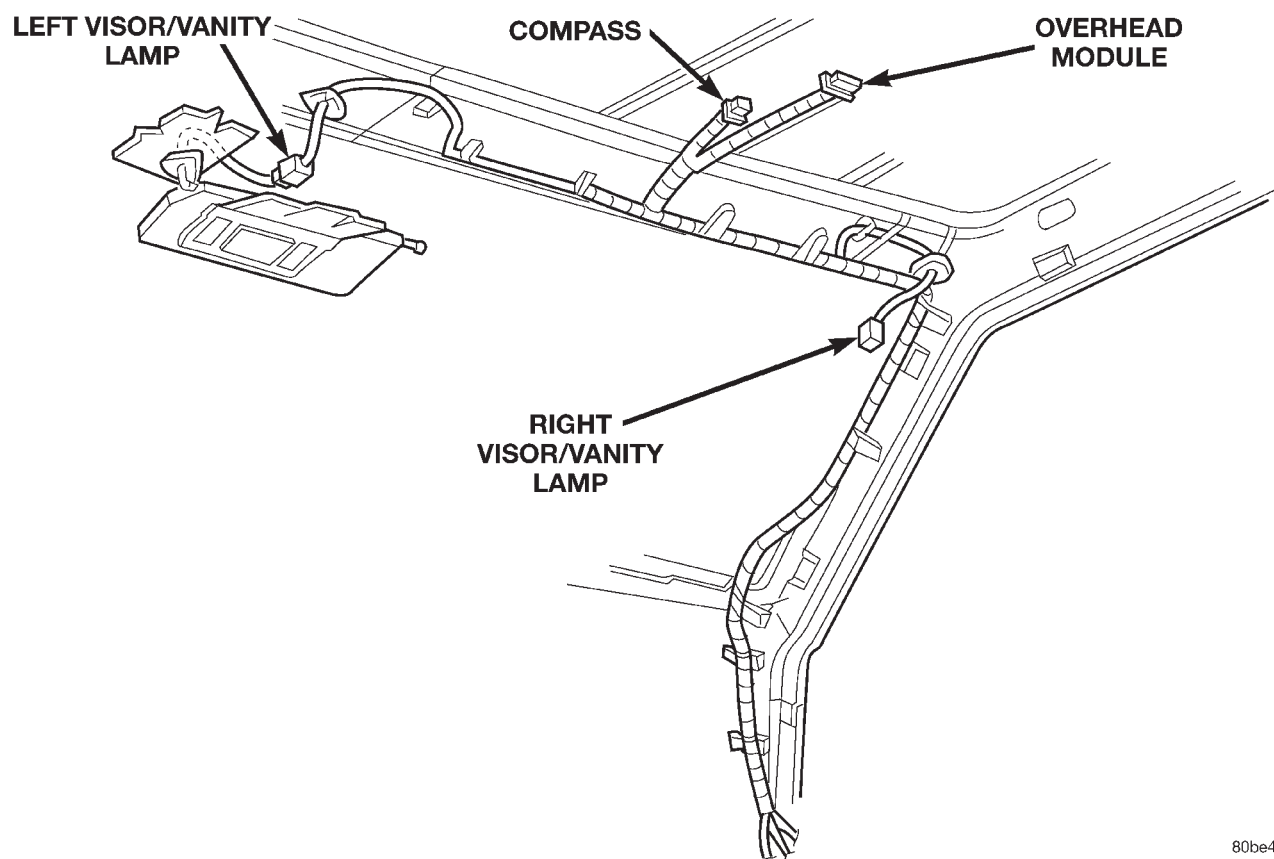
Fig. 32 Center Console LHD

DESCRIPTION AND OPERATION (Continued)



**Fig. 33 Trailer Tow**

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**Fig. 34 Headliner**

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DESCRIPTION AND OPERATION (Continued)

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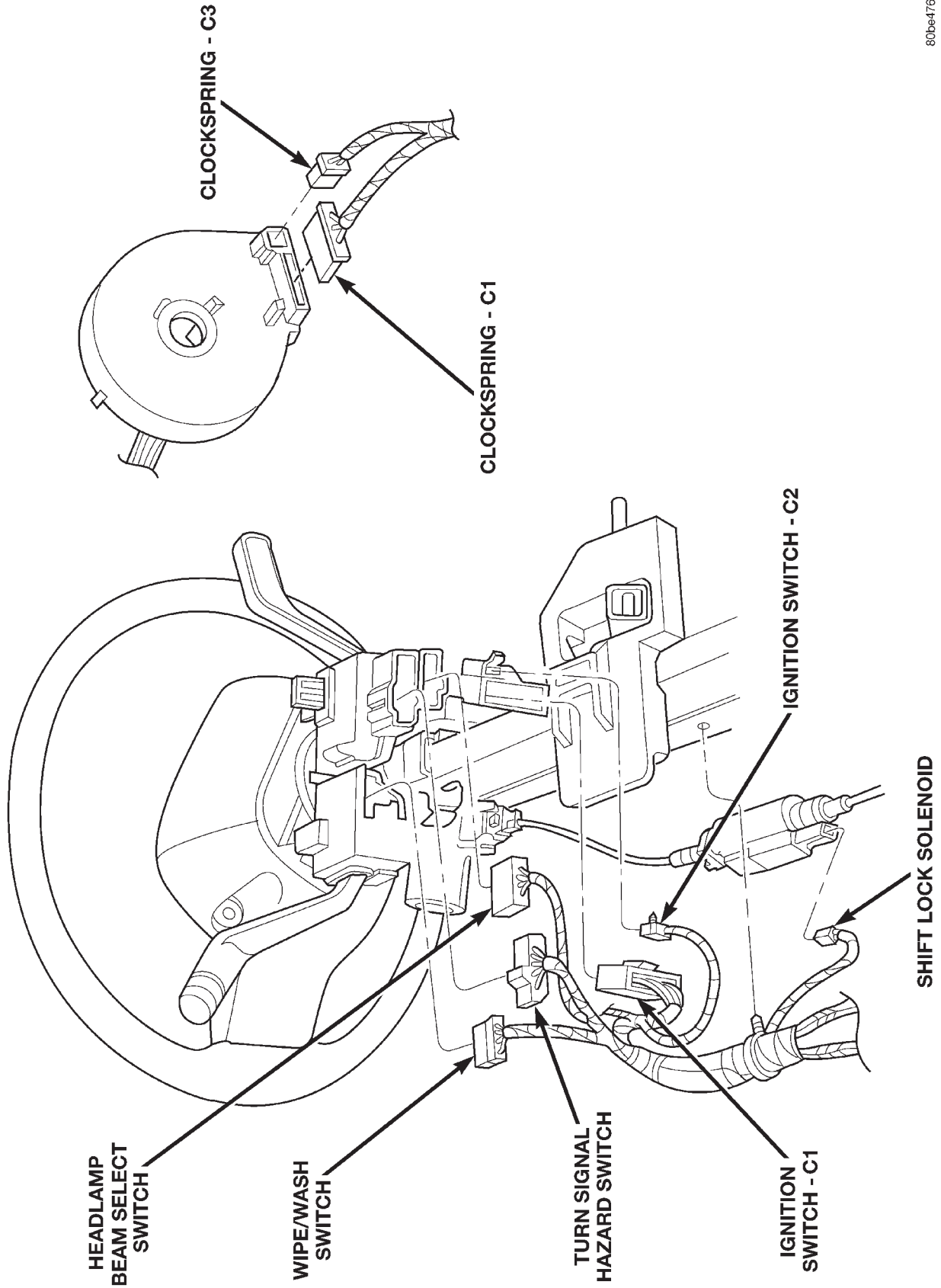


Fig. 35 Steering Column

## DESCRIPTION AND OPERATION (Continued)

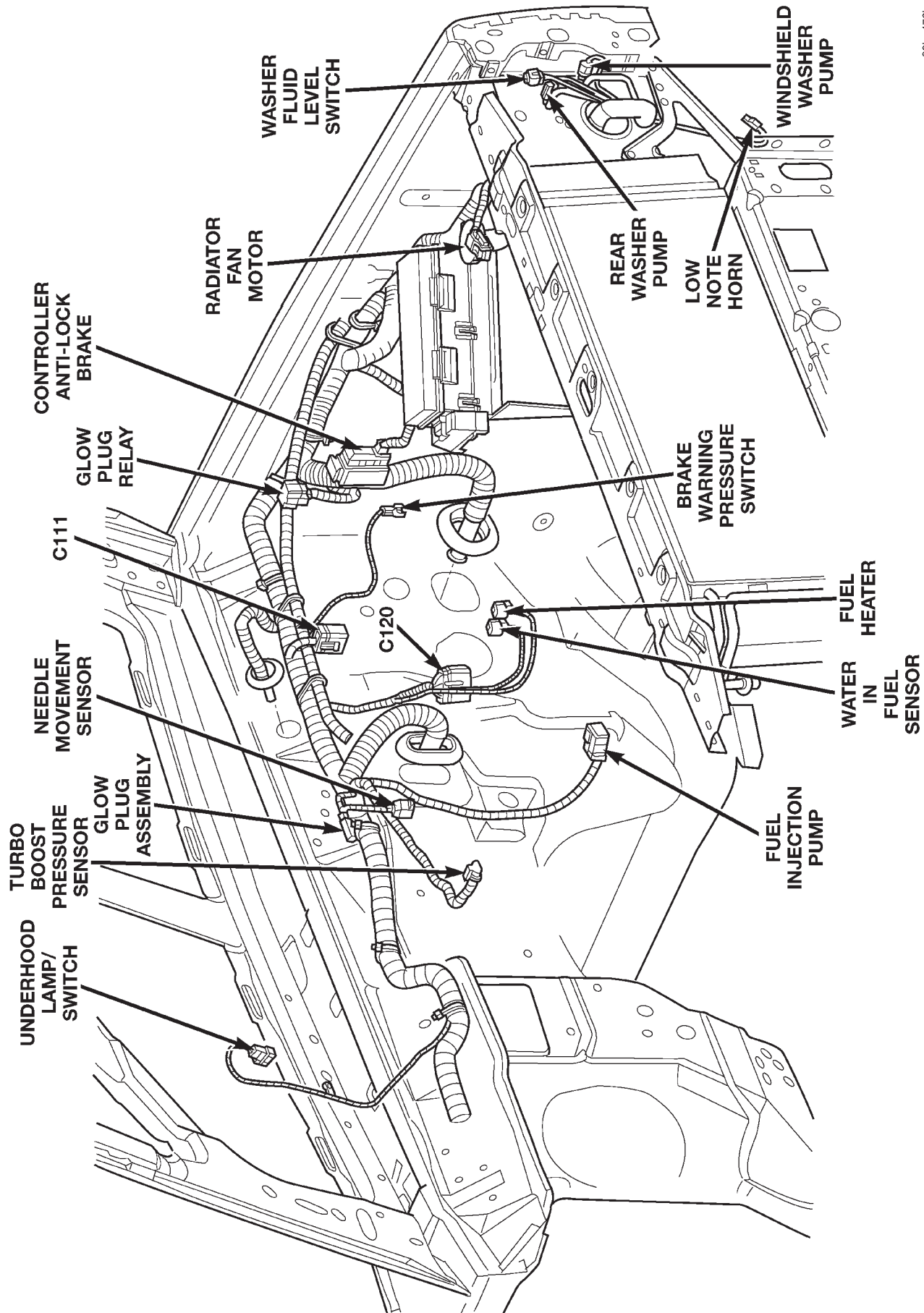
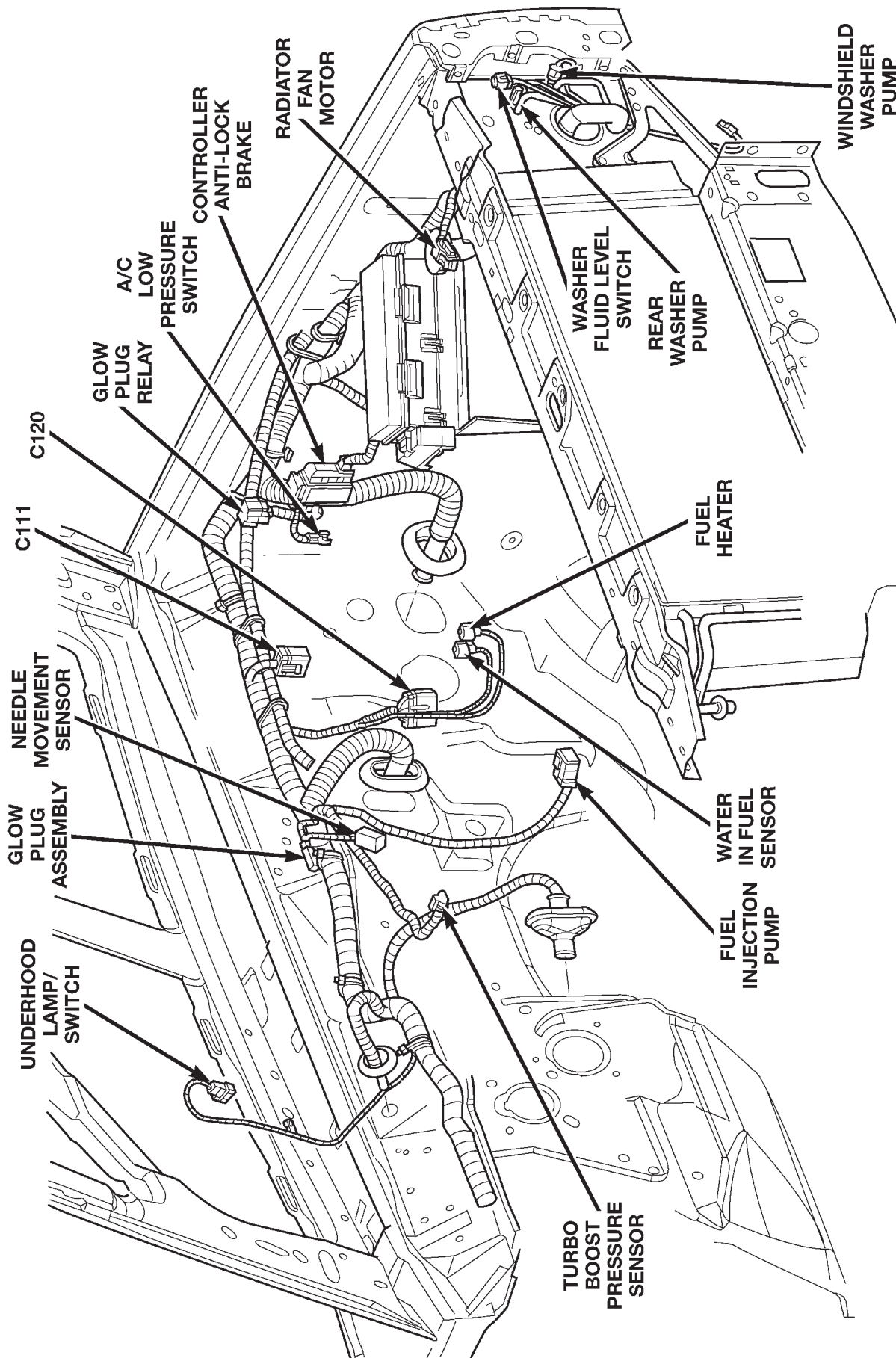


Fig. 36 Left Engine Compartment Diesel Engine LHD



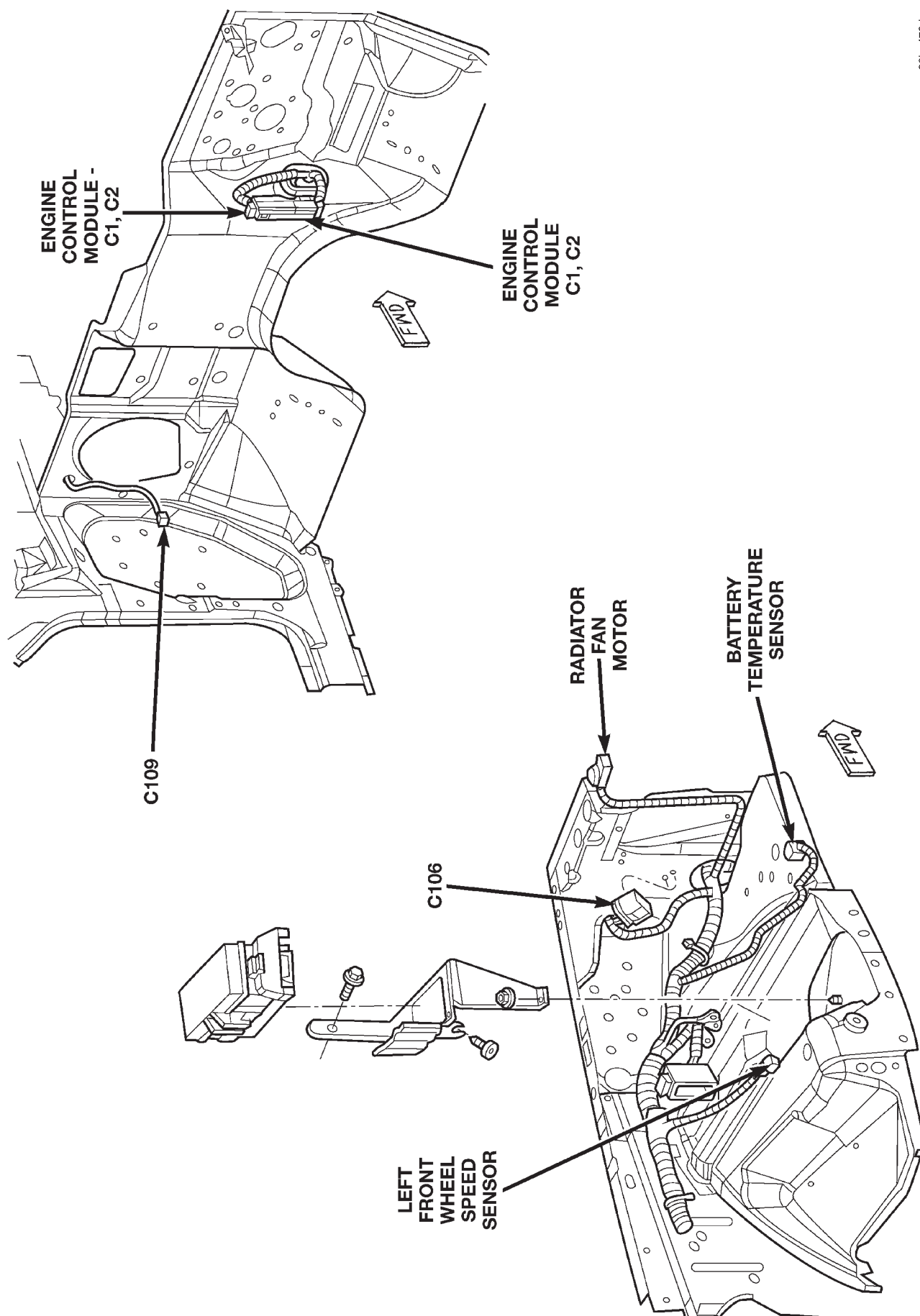
DESCRIPTION AND OPERATION (Continued)



80be476c

Fig. 37 Left Engine Compartment Diesel Engine RHD

## DESCRIPTION AND OPERATION (Continued)

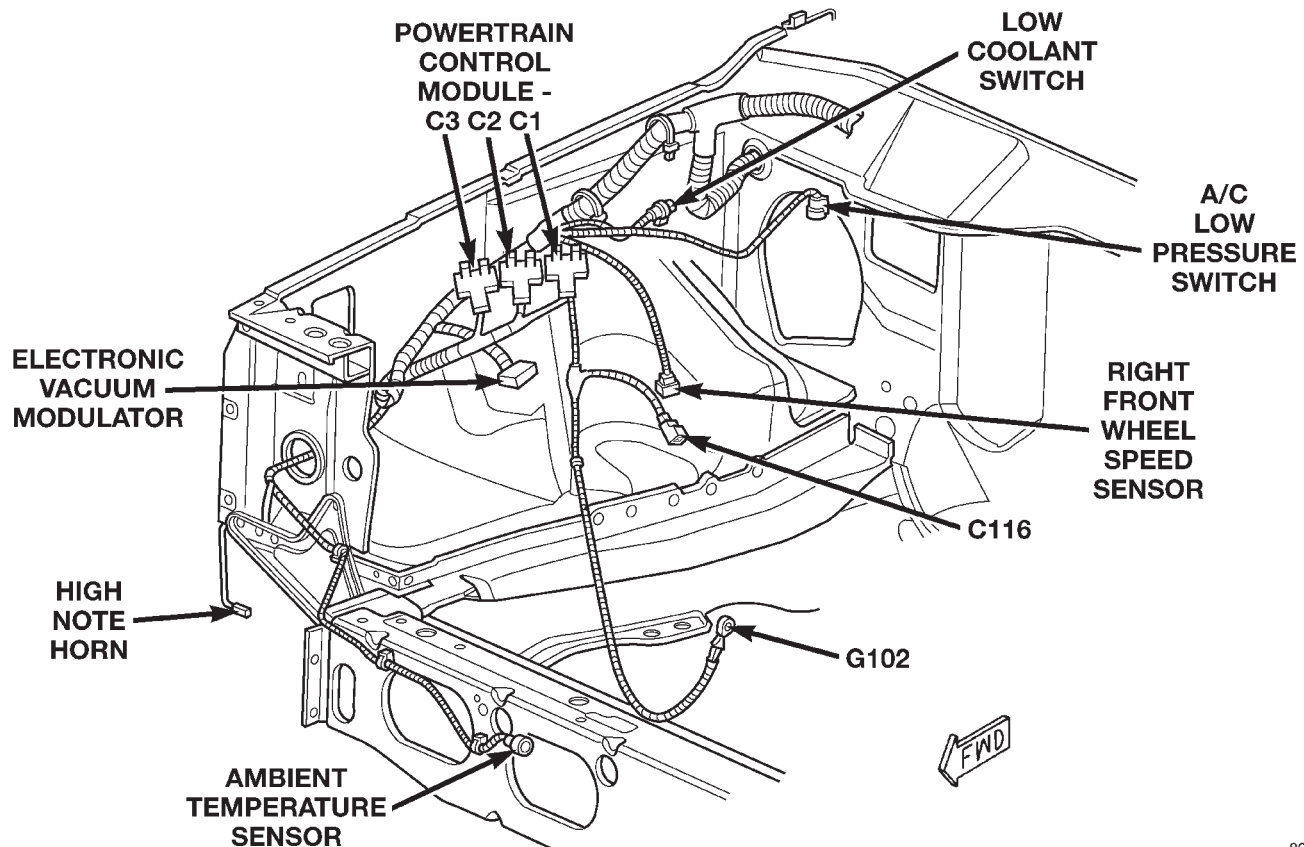


80be476d

Fig. 38 Engine Compartment Auxiliary Views Diesel Engine



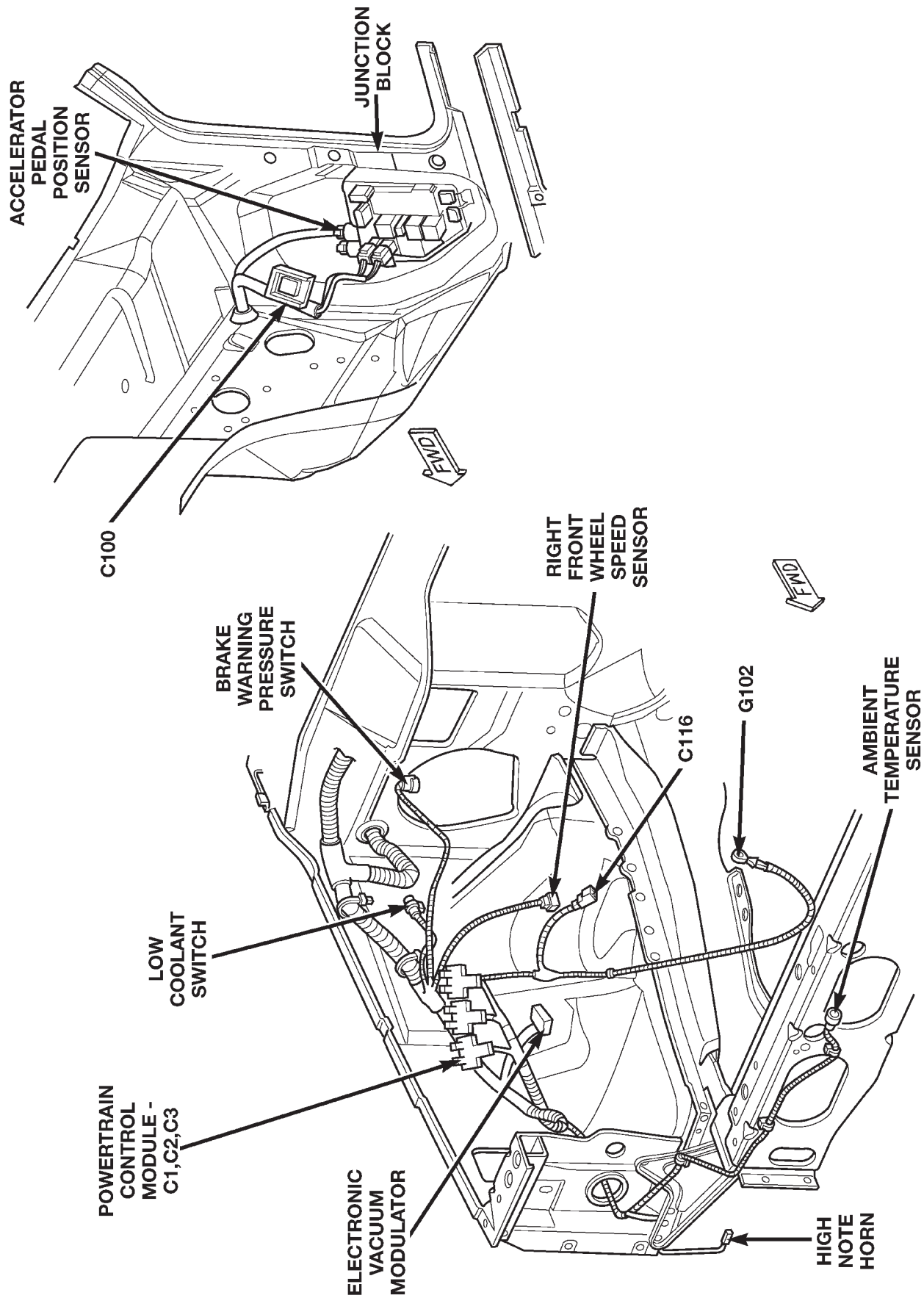
DESCRIPTION AND OPERATION (Continued)



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*Fig. 39 Right Engine Compartment Diesel Engine LHD*

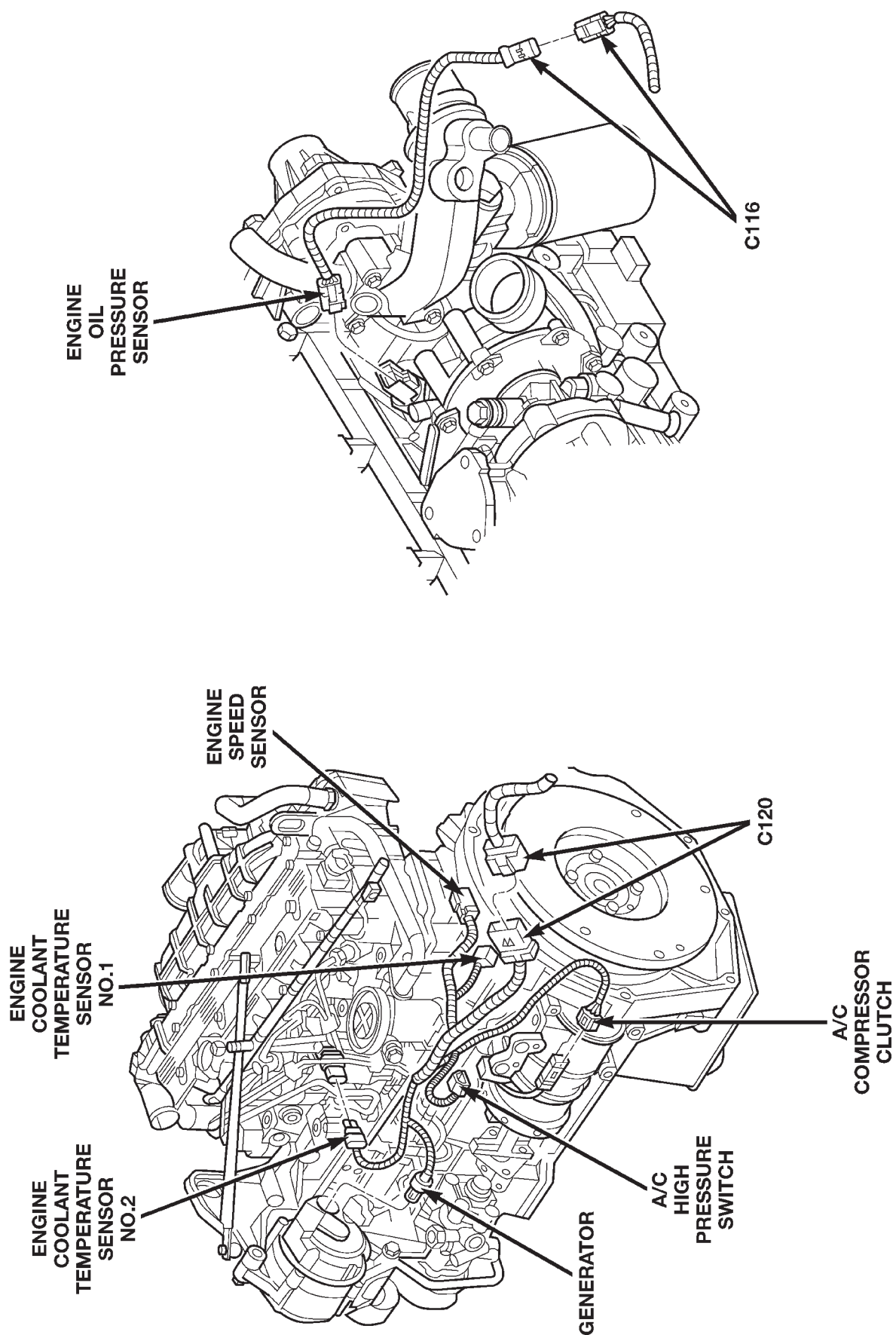
## DESCRIPTION AND OPERATION (Continued)



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Fig. 40 Right Engine Compartment Diesel Engine RHD

DESCRIPTION AND OPERATION (Continued)



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Fig. 41 Diesel Engine

DESCRIPTION AND OPERATION (Continued)

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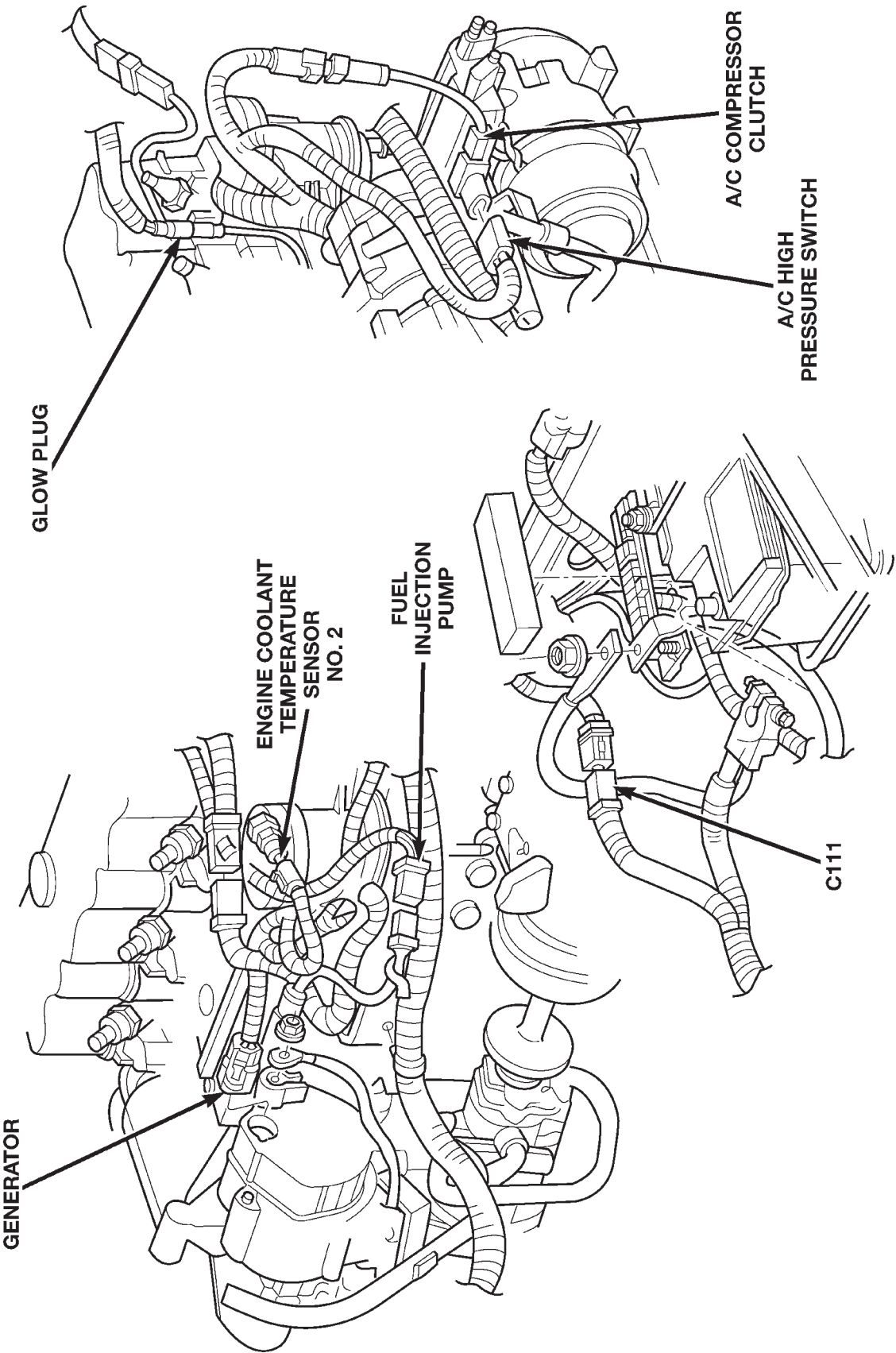
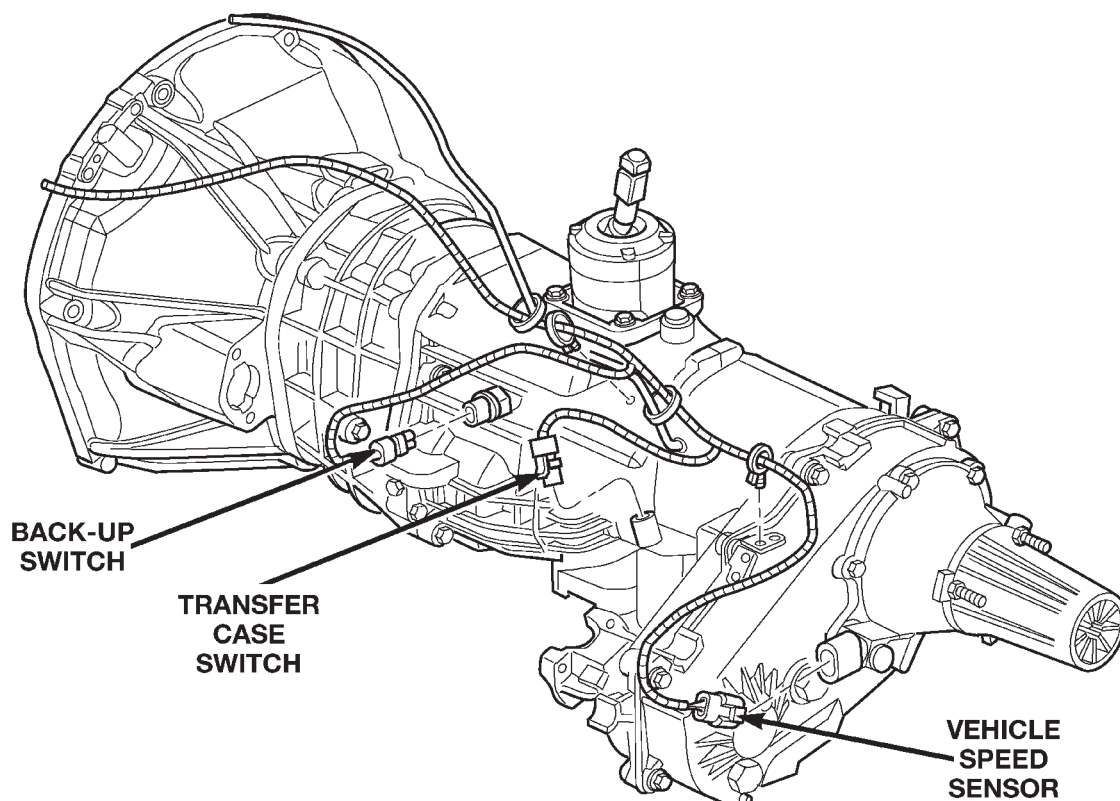


Fig. 42 Engine and Battery Diesel Engine

DESCRIPTION AND OPERATION (Continued)



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*Fig. 43 Transmission Diesel Engine*



## 8W-95 SPLICE LOCATIONS

## DESCRIPTION AND OPERATION

## INTRODUCTION

This section provides illustrations identifying the general location of the splices in this vehicle. A splice index is provided. Use the wiring diagrams in each

section for splice number identification. Refer to the index for proper splice number.

## SPLICE LOCATIONS

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

Splice Number	Location	Fig.
S100 (Except Built-Up-Export)	Near T/O for Right Headlamp	9
S101	Near T/O for Right Headlamp	9
S102	Near T/O for Right Headlamp	9
S103	Near T/O for Left Headlamp	9
S104	Near T/O for Left Headlamp	9
S105	Near T/O for Left Headlamp	9
S106	Near T/O for Left Headlamp	9
S107 (2.5L)	Near T/O for G101	11
S107 (4.0L)	Near T/O for Fuel Injector NO. 6	10
S108 (2.5L)	Near Fuel Injector T/O's	11
S108 (4.0L)	Near T/O for Ignition Coil Pack	10
S108 (4.0L) (California/ European III)	Near Fuel Injector T/O's	10
S109 (2.5L)	Near Fuel Injector T/O's	11
S109 (4.0L)	Near Fuel Injector T/O's	10
S110	Near Fuel Injector T/O's	11
S111 (2.5L)	Near T/O for G101	11
S111 (4.0L)	Near Fuel Injector T/O's	10
S112	Near Fuel Injector T/O's	10
S113 (2.5L)	Near T/O for Fuel Injector NO. 3	11

Splice Number	Location	Fig.
S113 (4.0L)	Between Fuel Injector NO. 2 and Fuel Injector NO. 3 T/O's	10
S114 (2.5L)	Near T/O for Fuel Injector NO. 2	11
S114 (4.0L)	Between Fuel Injector NO. 2 and Fuel Injector NO. 3 T/O's	10
S115 (2.5L)	Near T/O for Crankshaft Position Sensor	11
S115 (4.0L)	Near T/O for Idle Air Control Motor	10
S116 (Built-Up-Export)	Near T/O for Right Headlamp	9
S118	In T/O for Generator Terminal	N/S
S119 (2.5L)	In T/O for Engine Oil Pressure Sensor	11
S119 (4.0L)	Near Fuel Injector T/O's	10
S120 (A/T) (2.5L)	Near Fuel Injector T/O's	11
S121	Near Fuel Injector T/O's	10
S122	Near T/O for Ignition Coil Pack	10
S123 (4.0L) (California/ European III)	Near T/O for Powertrain Control Module - C2	N/S
S124	Near T/O for Electronic Vacuum Modulator	26, 27
S130 (Diesel)	Near T/O for Power Distribution Center	24, 25
S130 (Gas)	Near Grommet T/O for Junction Block - C2	3, 4, 7, 8
S131 (Diesel) (LHD)	Near T/O for Underhood Lamp	26



## DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S131 (Diesel) (RHD)	Near T/O for Low Coolant Sensor	27	S135 (LHD) (4.0L) (M/T ABS)	Near T/O for Right Front Wheel Speed Sensor	3
S131 (Diesel) (RHD) (ABS)	Near Accelerator Pedal Position Sensor	27	S135 (RHD)	Near T/O for Underhood Lamp	4, 8
S131 (Gas)	Near Grommet T/O for Junction Block - C2	3, 4, 7, 8	S135 (RHD) (ABS)	Near Grommet T/O for C100	4, 8
S132 (Diesel)	Near T/O for G106	24, 25	S136	Near T/O for C107	3
S132 (LHD) (2.5L)	Near Grommet T/O for Junction Block - C2	7	S137 (LHD)	Between Power Distribution Center T/O and Glow Plug Relay T/O	24
S132 (LHD) (4.0L)	Near T/O for A/C Low Pressure Switch	3	S137 (RHD)	Near T/O for A/C Low Pressure Switch	25
S132 (LHD) (GAS) (M/T ABS)	Near T/O for Underhood Lamp	3	S138 (2.5L)	Near Grommet T/O for Front Wiper Motor	5, 6
S132 (RHD)	Near Grommet T/O for C100	4, 8	S138 (4.0L)	Near T/O for Transmission Control Module or C107	1, 2
S133 (Diesel) (LHD)	Near T/O for C111	24	S138 (Diesel) (LHD)	Near T/O for Underhood Lamp	24
S133 (Diesel) (RHD)	Near T/O for Underhood Lamp	27	S138 (Diesel) (RHD)	Near Grommet T/O for Engine Control Module - C1 and C2	25
S133 (DRL)	Near Grommet T/O for Junction Block - C2 or A/C Low Pressure Switch	3, 7	S139 (Diesel) (LHD)	Near T/O for C120	24
S133 (LHD) (Gas)	Near Grommet T/O for Front Wiper Motor	1, 5	S139 (Diesel) (RHD)	Near T/O for C111	25
S133 (RHD) (Gas)	Near T/O for A/C Low Pressure Switch	2, 6	S139 (LHD) (A/T)	Near T/O for Brake Warning Pressure Switch	1
S134 (LHD)	Near T/O for Underhood Lamp or C107	3	S139 (LHD)(M/T ABS)	Near Grommet T/O for C100	1
S134 (RHD) (ABS)	Near T/O for Transmission Control Module	2	S139 (RHD)	Near T/O for A/C Low Pressure Switch	2
S135 (LHD) (2.5L)	Near T/O for A/C High Pressure Switch	7	S140	Near T/O for Transmission Control Module	1, 2
S135 (LHD) (4.0L)	Near T/O for C107	3	S141 (Diesel)	Near T/O for G106	24, 25
			S141 (LHD)	Near Grommet T/O for Front Wiper Motor	1
			S141 (RHD)	Near T/O for C107	2, 6



## DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S142 (4.0L LHD)	Near Grommet T/O for Front Wiper Motor	1	S156 (RHD)	Near Grommet T/O for Engine Control Module - C1 and C2	25
S142 (4.0L RHD)	Near Grommet T/O for Transmission Control Module	4	S157 (LHD)	Near T/O for Glow Plug Relay	24
S143 (LHD)	Near Grommet T/O for C100	1, 5	S157 (RHD)	Near T/O for A/C Low Pressure Switch	25
S143 (RHD)	Near T/O for C107	4, 8	S158	Near T/O for Left Headlamp	9
S144 (LHD)	Near Grommet T/O for C100	1	S159	Near Grommet T/O for Junction Block - C2	3, 4, 7, 8
S144 (RHD)	Near T/O for G106	2	S161 (A/T)	Near T/O for Vehicle Speed Sensor	11
S144 (RHD) (ABS)	Near T/O for A/C Low Pressure Switch	2	S162	Near T/O for Left Headlamp	9
S145 (LHD)	Near Grommet T/O for C100	1	S163	Near T/O for Left Headlamp	9
S145 (RHD)	Near T/O for G106	2	S164	Near T/O for Right Headlamp	9
S145 (RHD) (ABS)	Near T/O for A/C Low Pressure Switch	2	S165	Near T/O for Right Headlamp	9
S146	Near T/O for Electronic Vacuum Modulator	26, 27	S166	Near T/O for Power Distribution Center	3, 7
S147 (ABS) (LHD)	Near T/O for C111	24	S168	Near T/O for C107	5, 6
S147 (ABS) (RHD)	Near T/O for A/C Low Pressure Switch	25	S169 (LHD)	Near T/O for C111	24
S148 (LHD)	Near Grommet T/O for Engine Control Module - C1 and C2	24	S169 (RHD)	Near T/O for Accelerator Pedal Position Sensor	27
S148 (RHD)	Near T/O for C120	25	S170	Near T/O for C120	N/S
S149 (LHD)	Near T/O for C120	24	S200	In T/O for Headlamp Switch	12, 13
S149 (RHD)	Near T/O for C111	25	S201 (LHD)	Near T/O for C200	12
S151	Near Power Distribution Center T/O	24, 25	S201 (RHD)	Near T/O for Data Link Connector	13
S152	Near T/O for C120	24, 25	S203	In T/O for Brake Lamp Switch	12, 13
S153	In T/O to Power Distribution Center	24, 25	S204 (LHD)	In T/O for Brake Lamp Switch	12
S156 (LHD)	Near T/O for Underhood Lamp	24	S204 (RHD)	Near T/O for Shift Lock Solenoid	13
			S205 (LHD)	In T/O for C100	12
			S205 (RHD)	Near T/O for C202, C203 and C204	13
			S206	In Lower Instrument Panel Trough	12, 13
			S207	In Lower Instrument Panel Trough	12, 13
			S208 (LHD)	In Lower Instrument Panel Trough	12

## DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S208 (RHD) (Built-Up-Export)	Near T/O for Instrument Cluster - C1	13	S222	Near T/O for Clockspring - C2	N/S
S208 (RHD) (Except Built-Up-Export)	Near T/O for Cigar Lighter	13	S225	In T/O for C301	14
S209	In Lower Instrument Panel Trough	12, 13	S226	In T/O for Headlamp Switch	12, 13
S210	In Lower Instrument Panel Trough	12, 13	S227	In T/O for Headlamp Switch	12, 13
S211	In Lower Instrument Panel Trough	12, 13	S228	Near T/O for Blower Motor Resistor Block	N/S
S212 (LHD)	Between Trough and T/O to Turn Signal/Hazard Switch	12	S229 (LHD)	Near T/O for Diode Module and Rear Fog Lamp Relay	12
S212 (RHD)	In Lower Instrument Panel Trough	13	S229 (RHD)	Near T/O for C202, C203 and C204	13
S213	Near T/O to Turn Signal/Hazard Switch	12, 13	S230	Near T/O for Cigar Lighter	12, 13
S214 (LHD)	Near T/O for Diode Module, Rear Fog Lamp Relay and G107	12	S232	Near T/O for Junction Block - C4 and C5	13
S214 (RHD)	Near T/O for Instrument Cluster - C1	13	S237	Near T/O for Diode Module and Rear Fog Lamp Relay	12
S215 (LHD)	Near T/O for Cigar Lighter	12	S238	In T/O for Combination Flasher	12, 13
S215 (RHD)	Near T/O for A/C-Heater Control - C2	13	S239	In T/O for Combination Flasher	12, 13
S216 (LHD)	Near T/O for Instrument Cluster - C2	12	S301	In T/O for Power Amplifier	15
S216 (RHD)	Near T/O for Junction Block -C4 and C5	13	S302 (Diesel)	Near T/O for Fuel Level Sensor	15
S217 (Police Package)	In Lower Instrument Panel Trough	12	S302 (Gas)	Near T/O for Fuel Pump Module	15
S218 (LHD)	In T/O for Headlamp Switch	12	S303	Near T/O for C326 and C327	15
S218 (RHD)	In T/O for C100	13	S304	Near T/O for G303	16
S219 (LHD)	In T/O for C209	14	S305	Under Right Rear Seat	16
S219 (RHD)	Near T/O for Junction Block - C4 and C5	13	S306	Under Right Rear Seat	16
S220	Near T/O for Rear Fog Lamp Relay	13	S307 (LHD With Power Amplifier, RHD)	Under Right Rear Seat	16
S221	Near T/O for Clockspring - C2	N/S	S307 (LHD Without Power Amplifier)	Under Left Rear Seat	15
			S308	Near T/O for C326 and C327	17
			S309	Near T/O for C326 and C327	17
			S310 (LHD)	Near T/O for C304 and C319	16
			S310 (RHD)	Near T/O for C314 and C321	16
			S311	Near T/O for C326 and C327	17
			S312	Under Left Rear Seat	15

## DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S312 (LHD with Power Amplifier, RHD)	Near T/O for C304 and C319	16	S339	Near T/O for C323	18
S313	Near T/O for C206 at Center Console	N/S	S340	Near Grommet for Trailer Tow Connector	18
S314	Near T/O for C209	14	S341	In Left Tail Lamp Harness near C321	N/S
S315	Near T/O for C205	14	S342 (With Remote Keyless Entry)	In T/O for Overhead Module	23
S316	Near T/O for Power Window Motor	20	S344	In T/O for Overhead Module	23
S317	Near T/O for Power Window Motor	20	S345 (With Remote Keyless Entry)	In T/O for Overhead Module	23
S318	Near T/O for Front Door Speaker	20	S346	In T/O for Overhead Module	23
S319	Near T/O for Front Door Speaker	20	S347 (With Remote Keyless Entry)	In T/O for Compass	N/S
S320	Near T/O for Front Door Speaker	20	S347 (Without Remote Keyless Entry)	In T/O for Overhead Module	23
S321	Near T/O for Front Door Speaker	20	S348	In Right Tail Lamp Harness near C322	N/S
S322	Near T/O for Power Window Motor	21	S349 (RHD)	In T/O for C209	N/S
S323	Near T/O for Power Window Motor	21	S351	Near T/O for C305 and C306	15
S324	Near T/O for C320	15	S352	In T/O for C300	N/S
S326	Near T/O for Front Door Speaker	21	S353	Near T/O for C316	19
S327	Near T/O for Front Door Speaker	21	S354	In T/O for C329	N/S
S328	Near T/O for Front Door Speaker	21	S355	Near T/O for C329 and C363	19
S329	Near T/O for Front Door Speaker	21	S356	Near T/O for C316	19
S332	Near T/O for Left License Lamp	N/S	S357	Near T/O for Heated Seat Relay	N/S
S333	Near T/O for Right License Lamp	N/S	S359 (RHD)	Near T/O for C209	N/S
S334	Near T/O for Liftgate Switch	22	S361	Near T/O for Right Visor/Vanity Lamp	23
S335	Near T/O for Trailer Tow Right Turn Relay	18			
S336	Near T/O for C322	18			
S337	Near T/O for C322	18			
S338	Near T/O for C323	18			

DESCRIPTION AND OPERATION (Continued)

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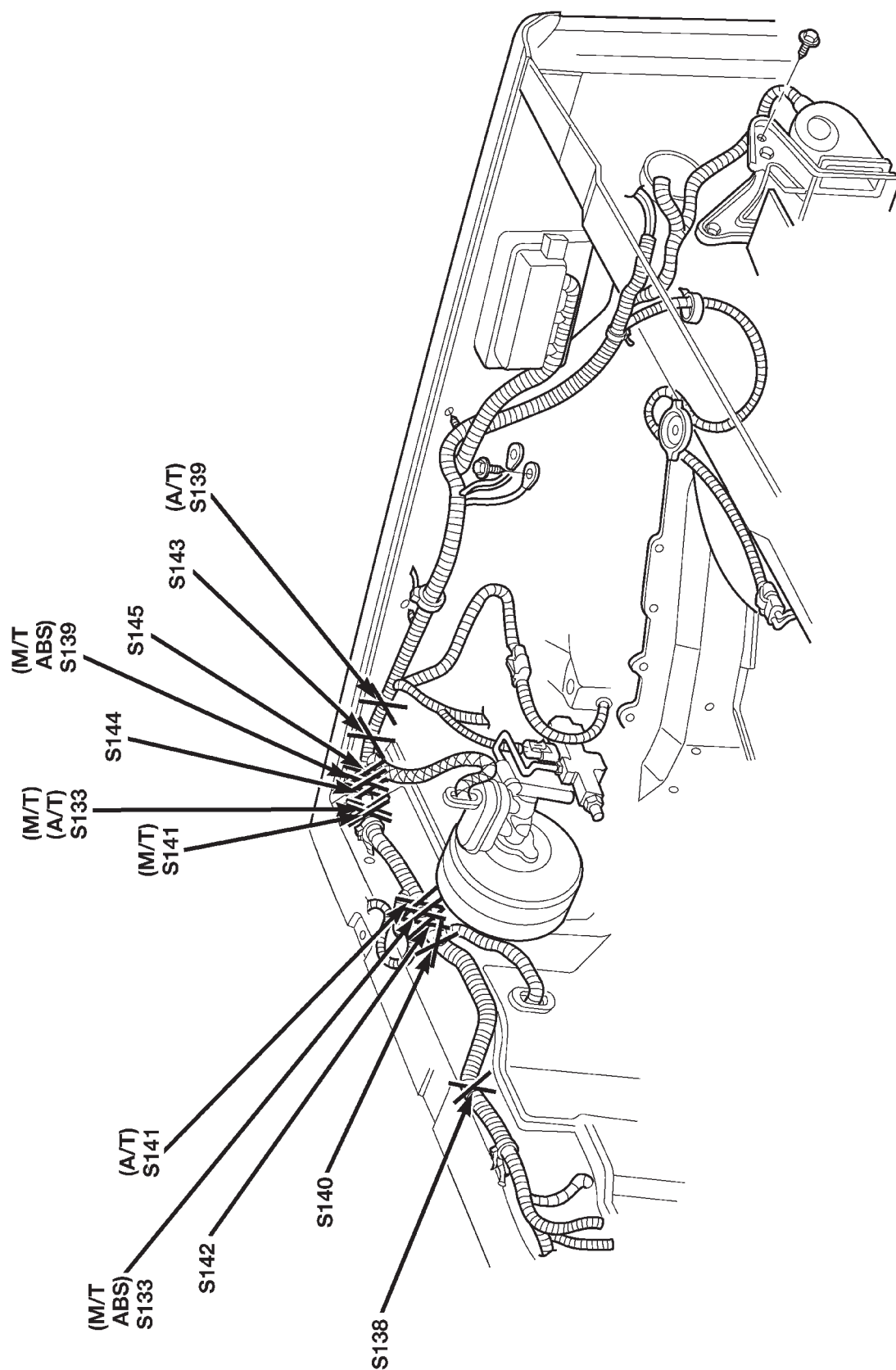


Fig. 1 Left Engine Compartment Splices 4.0L Engine LHD

DESCRIPTION AND OPERATION (Continued)

80be4786

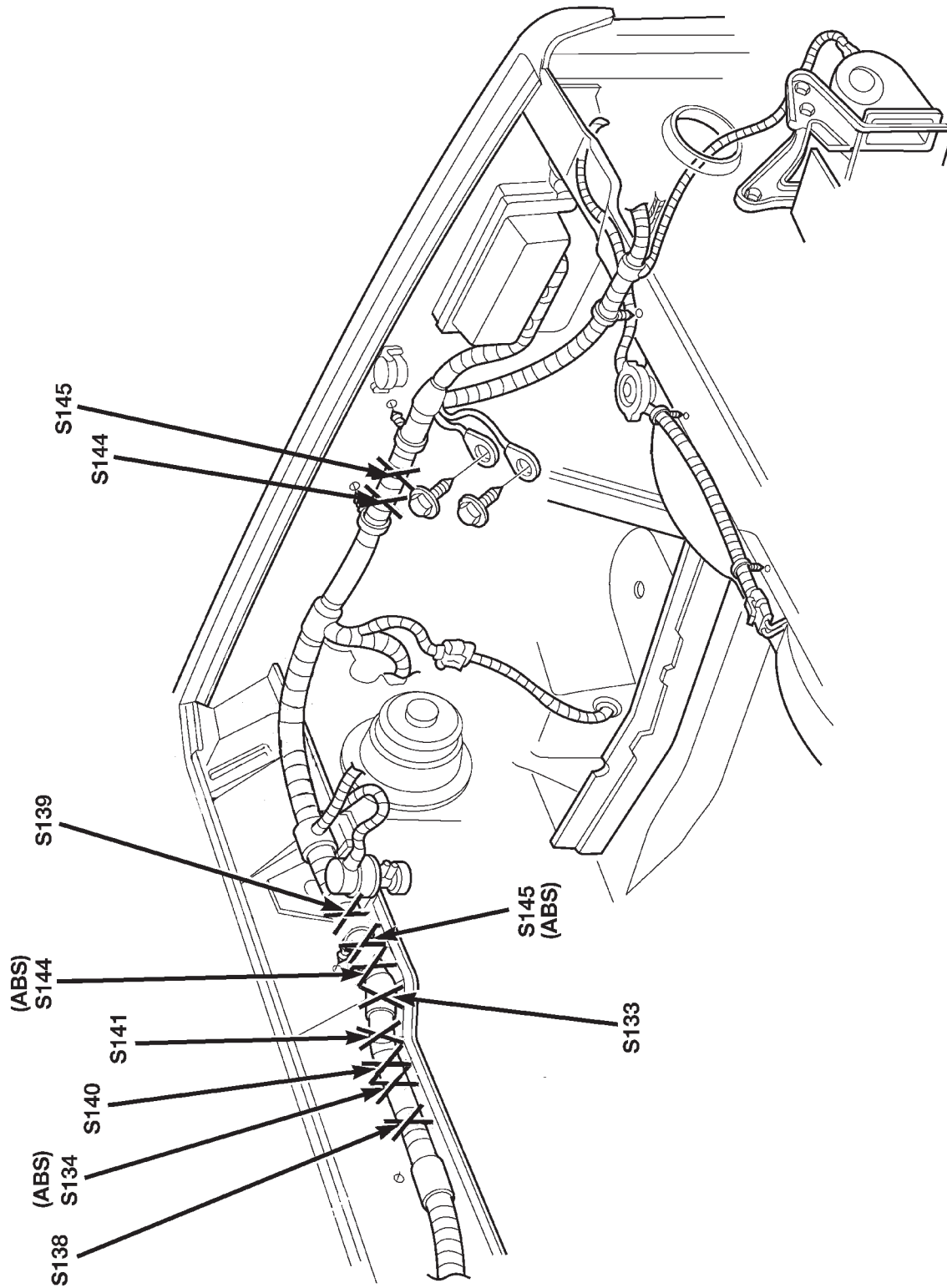


Fig. 2 Left Engine Compartment Splices 4.0L Engine RHD

DESCRIPTION AND OPERATION (Continued)

80be4787

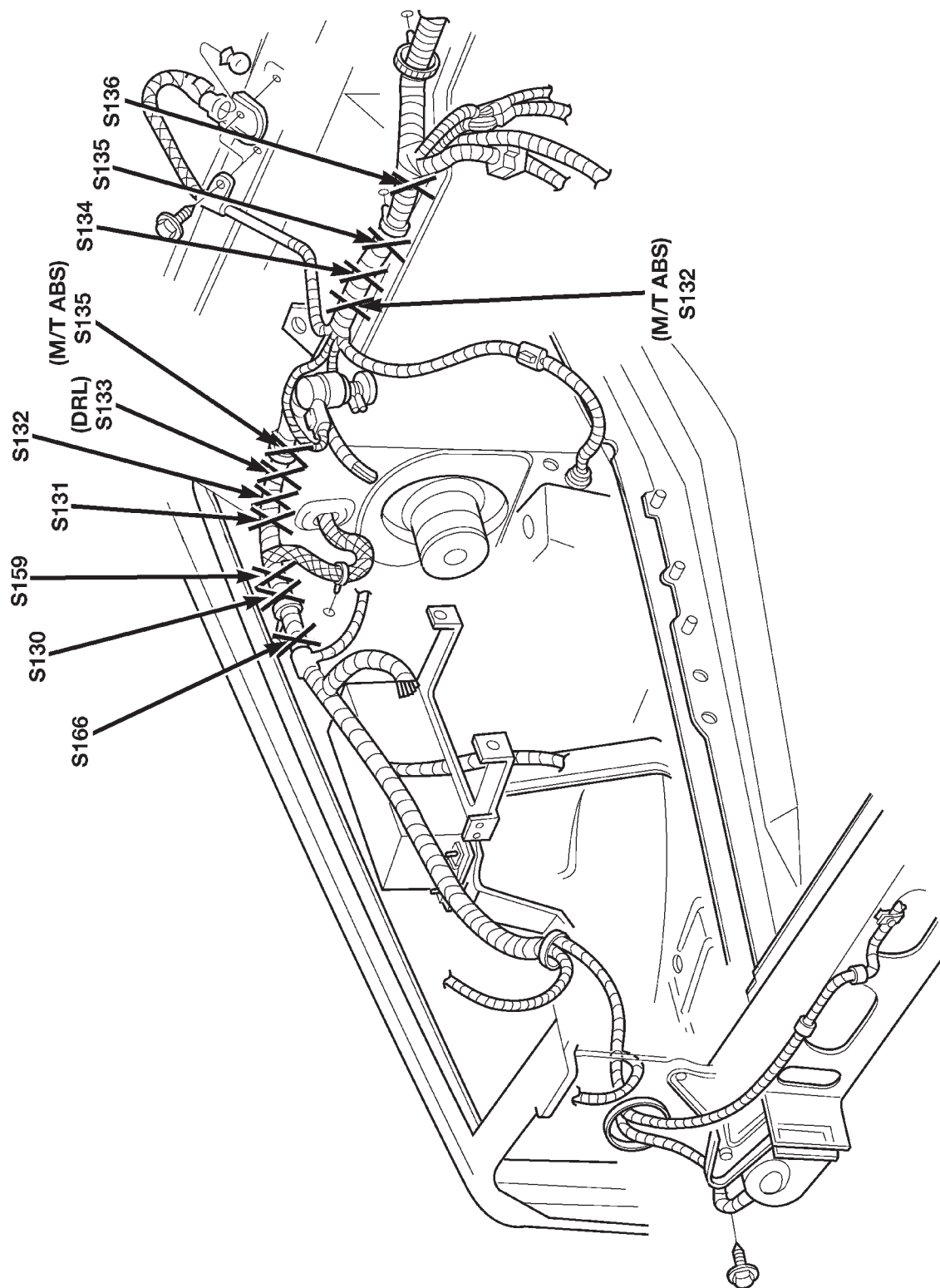
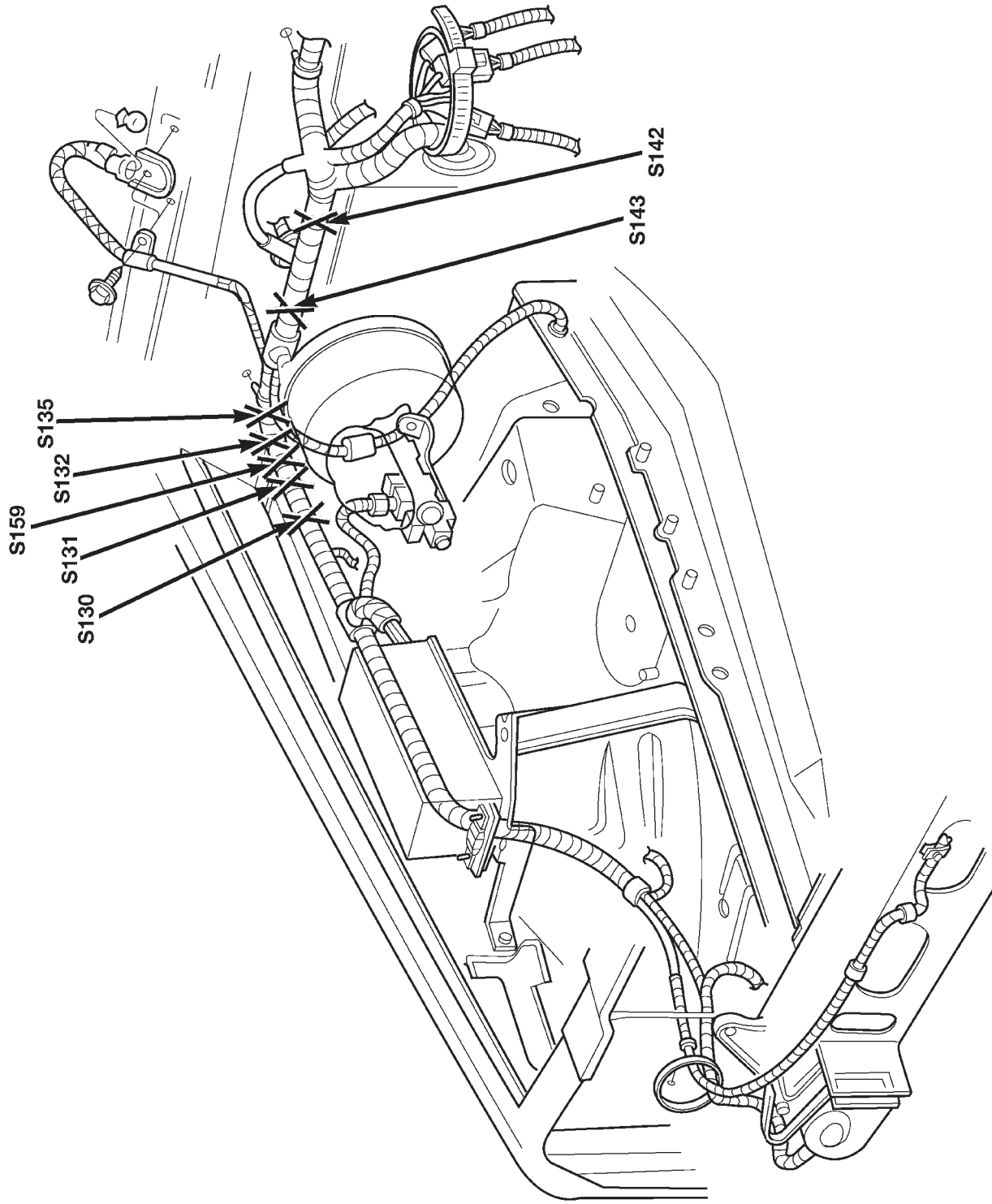


Fig. 3 Right Engine Compartment Splices 4.0L Engine LHD



DESCRIPTION AND OPERATION (Continued)

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**Fig. 4 Right Engine Compartment Splices 4.0L Engine RHD**

DESCRIPTION AND OPERATION (Continued)

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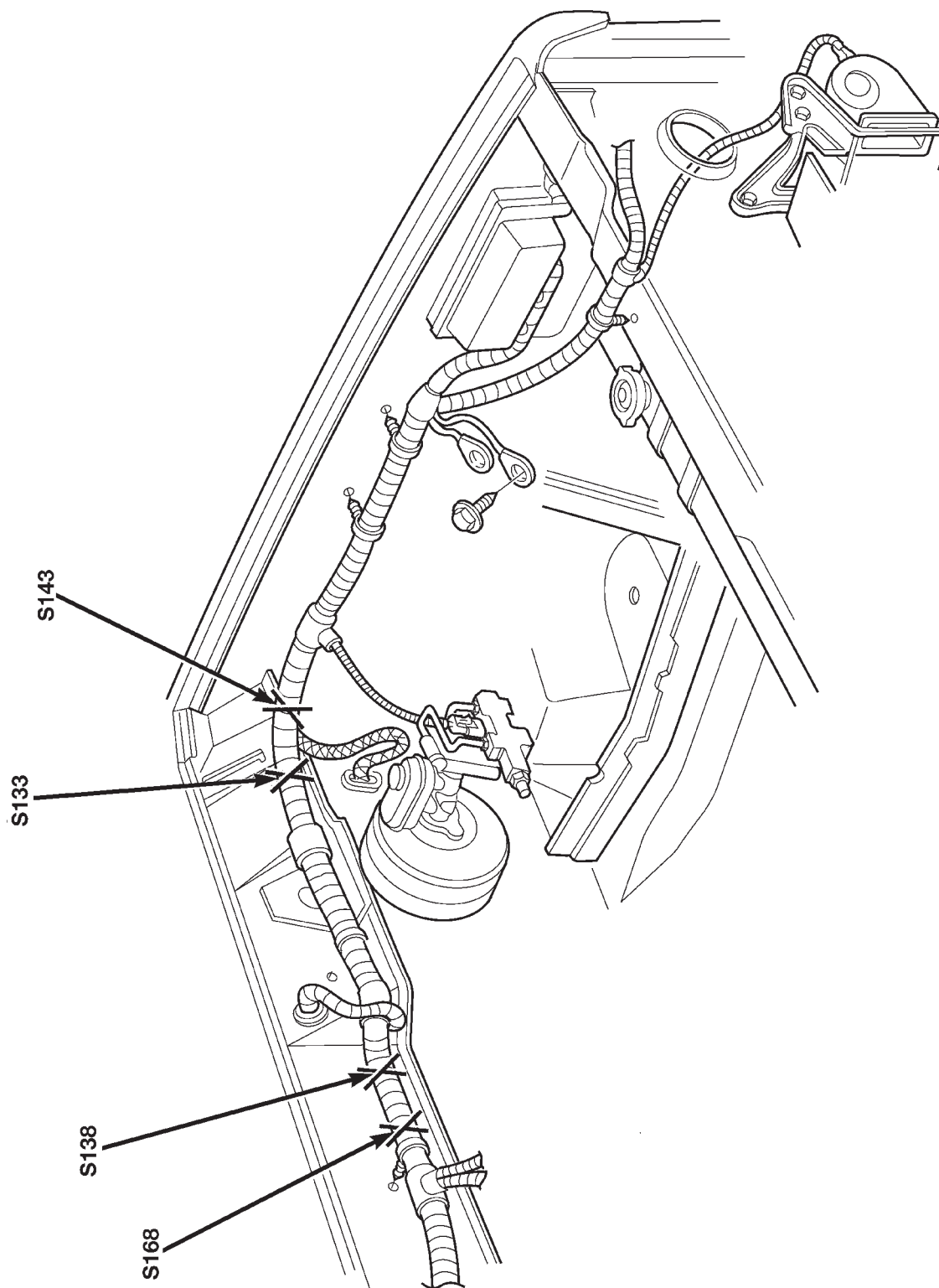
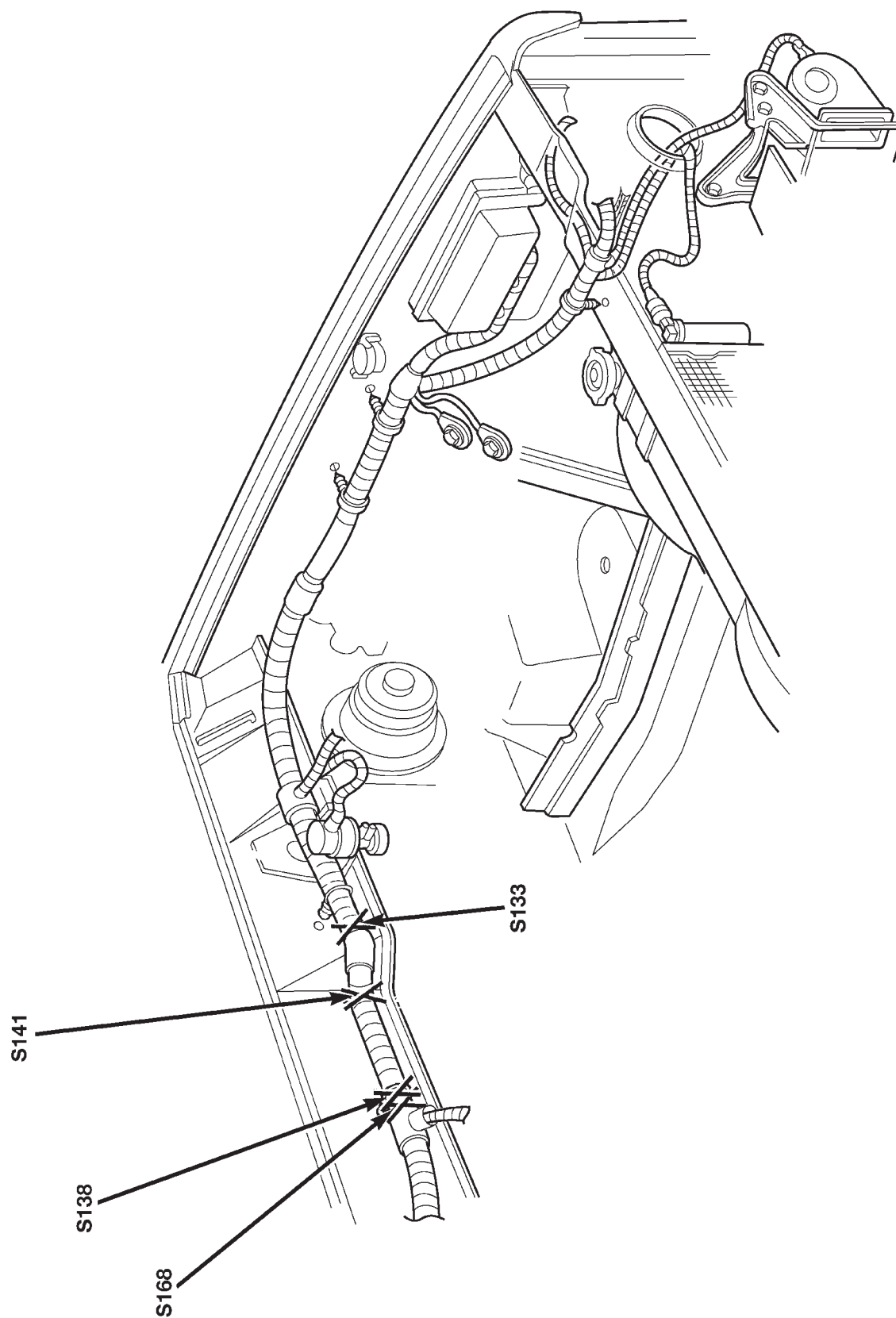


Fig. 5 Left Engine Compartment Splices 2.5L Engine LHD



DESCRIPTION AND OPERATION (Continued)



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**Fig. 6 Left Engine Compartment Splices 2.5L Engine RHD**

DESCRIPTION AND OPERATION (Continued)

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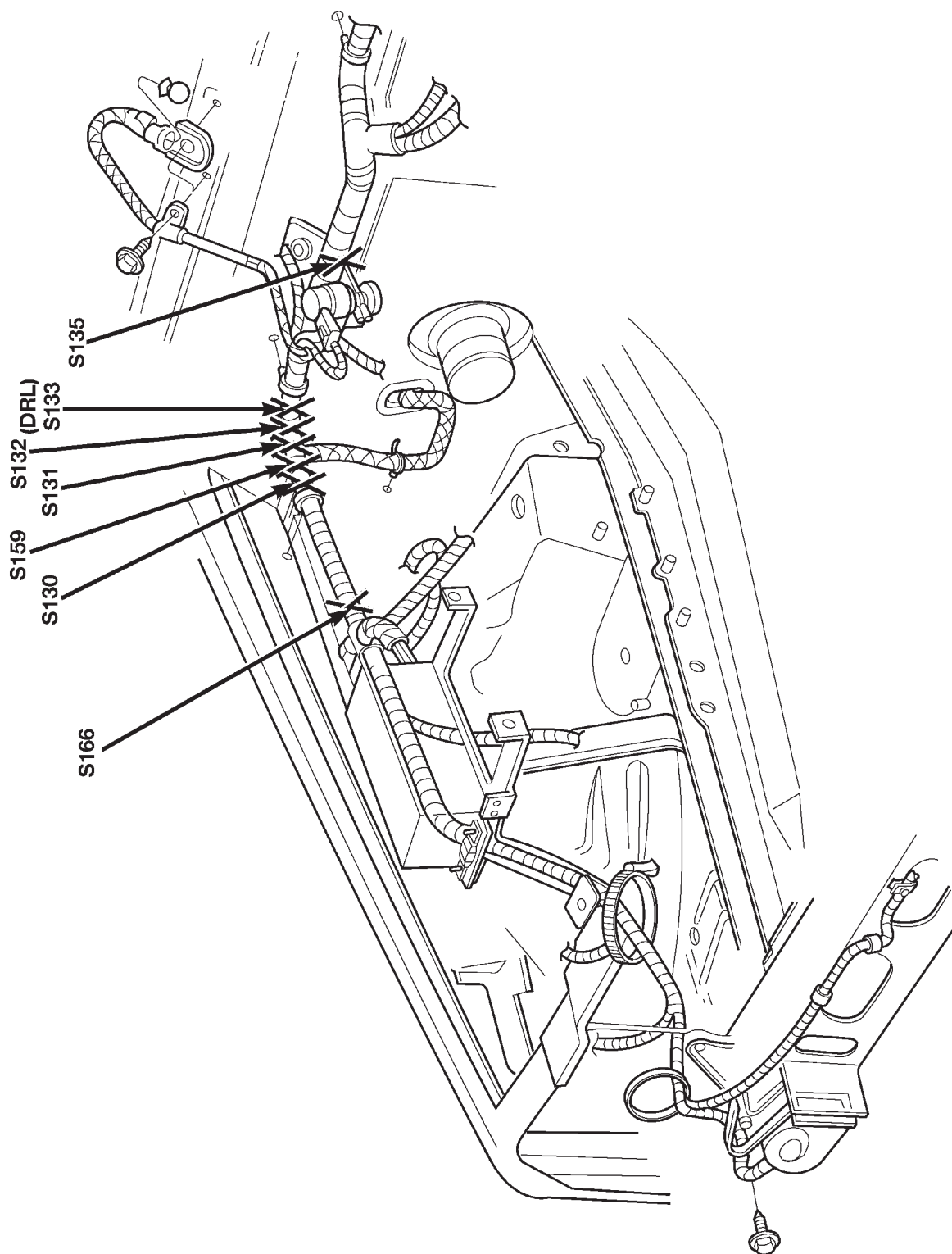
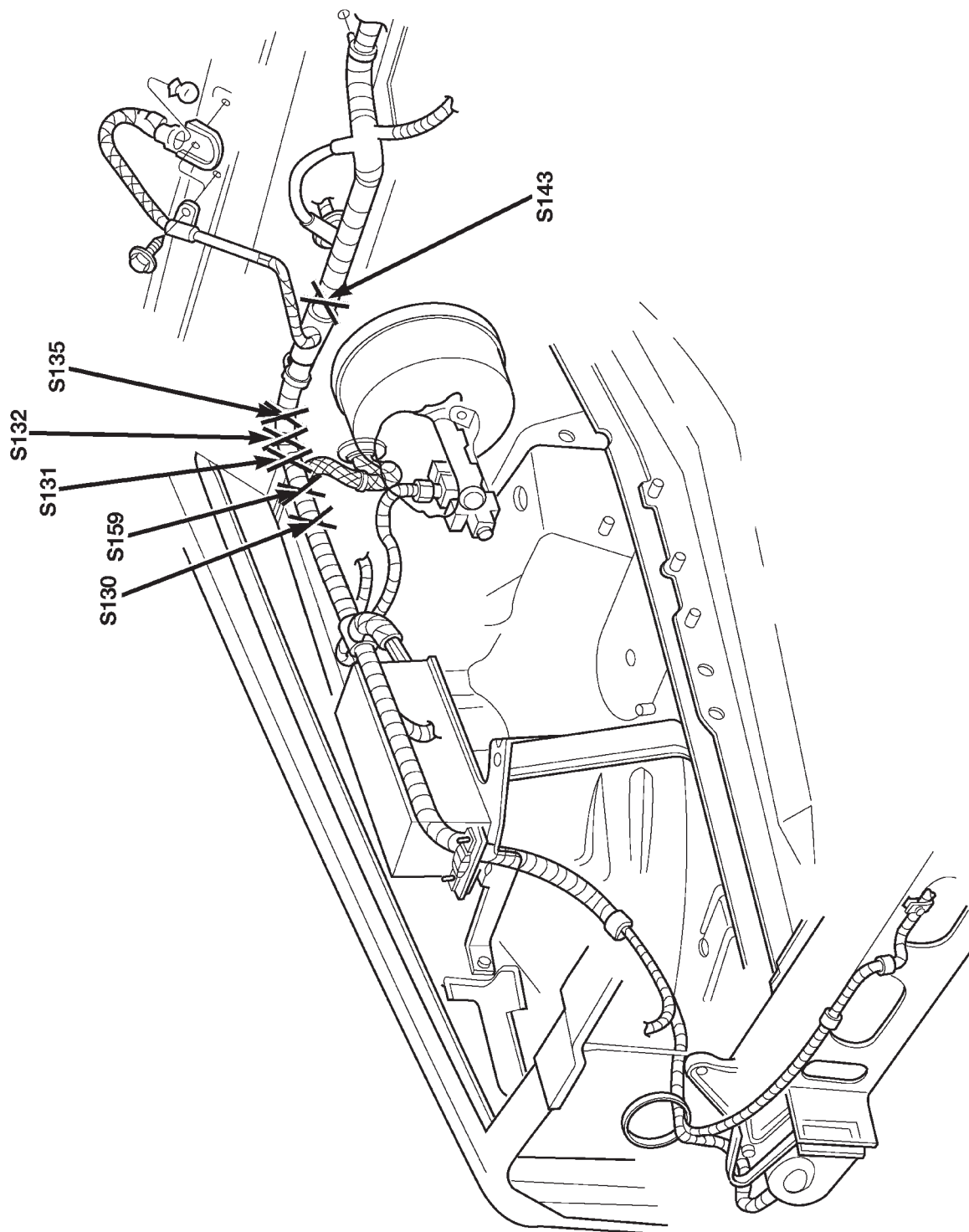


Fig. 7 Right Engine Compartment Splices 2.5L Engine LHD

DESCRIPTION AND OPERATION (Continued)

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*Fig. 8 Right Engine Compartment Splices 2.5L Engine RHD*

## DESCRIPTION AND OPERATION (Continued)

80be478d

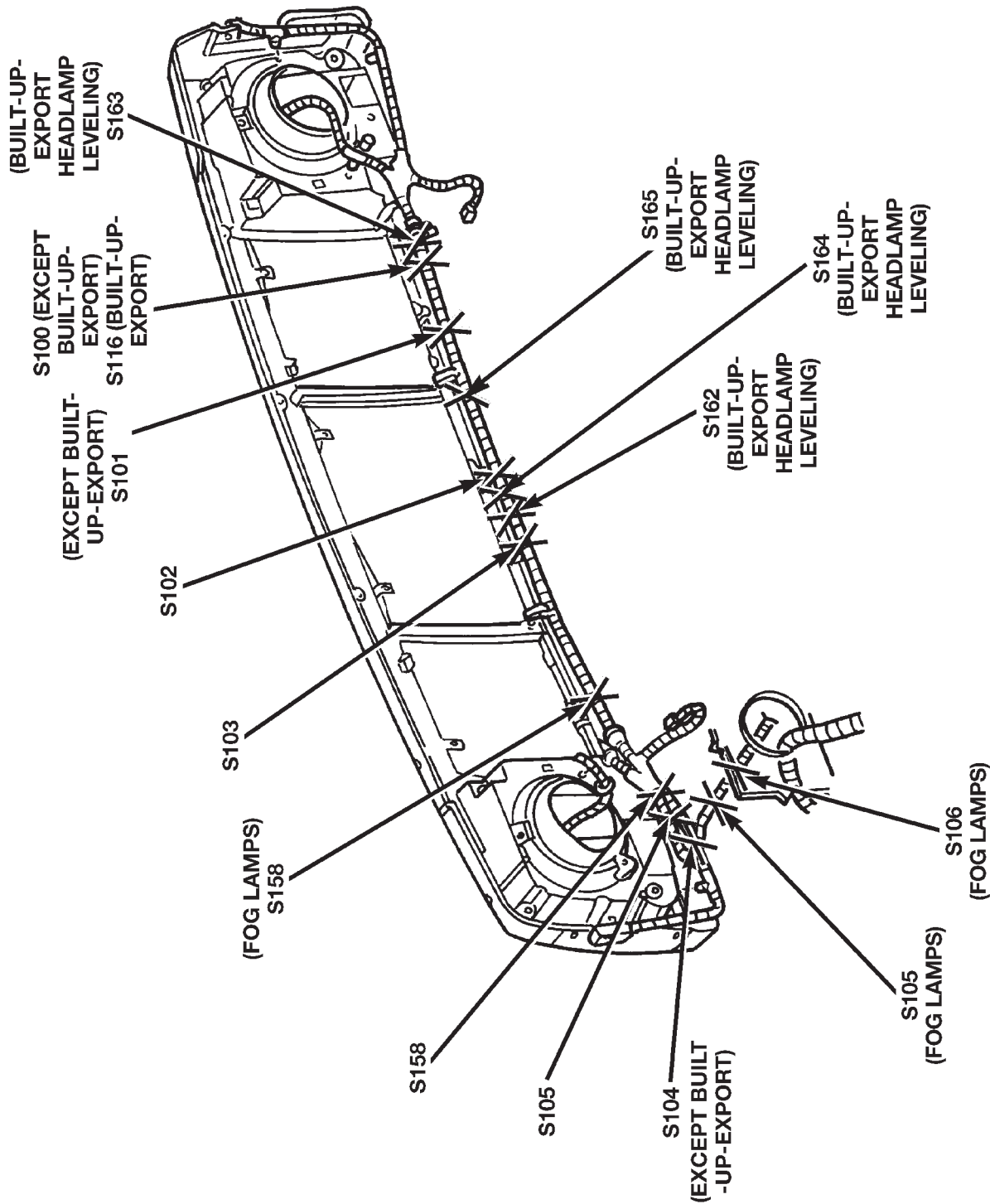


Fig. 9 Front End Lighting Splices

DESCRIPTION AND OPERATION (Continued)

80be478e

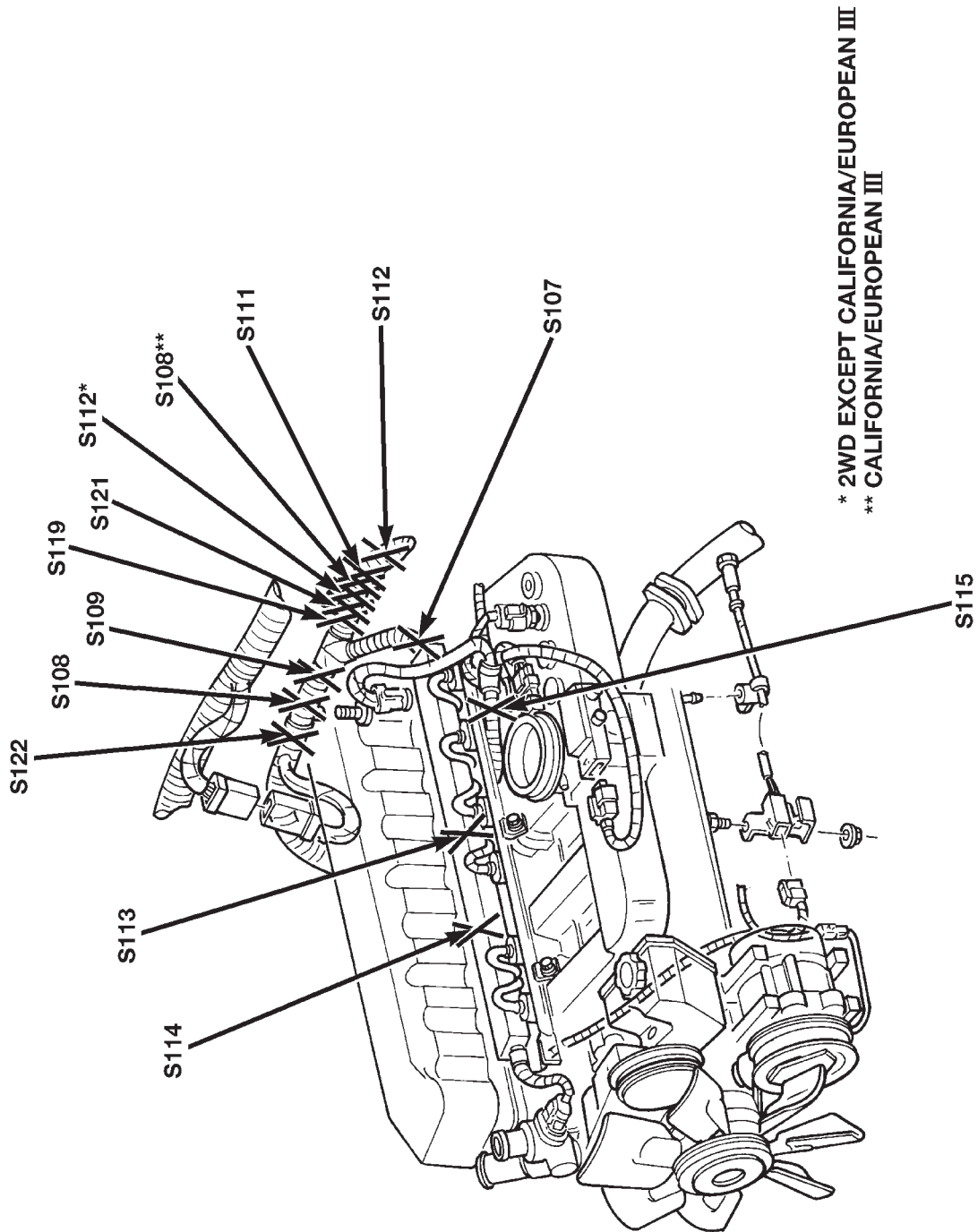
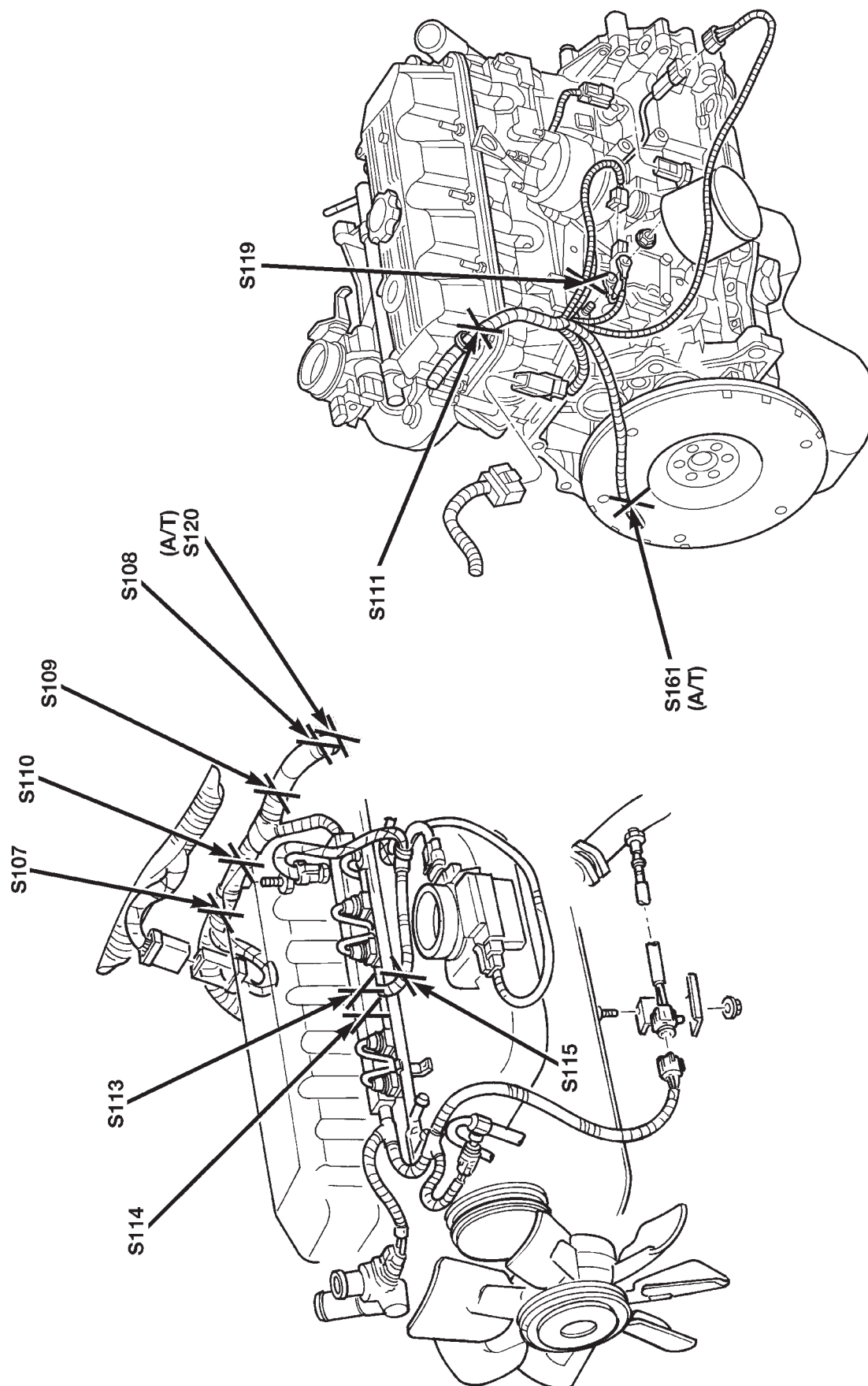


Fig. 10 Engine Wiring Splices 4.0L Engine

DESCRIPTION AND OPERATION (Continued)

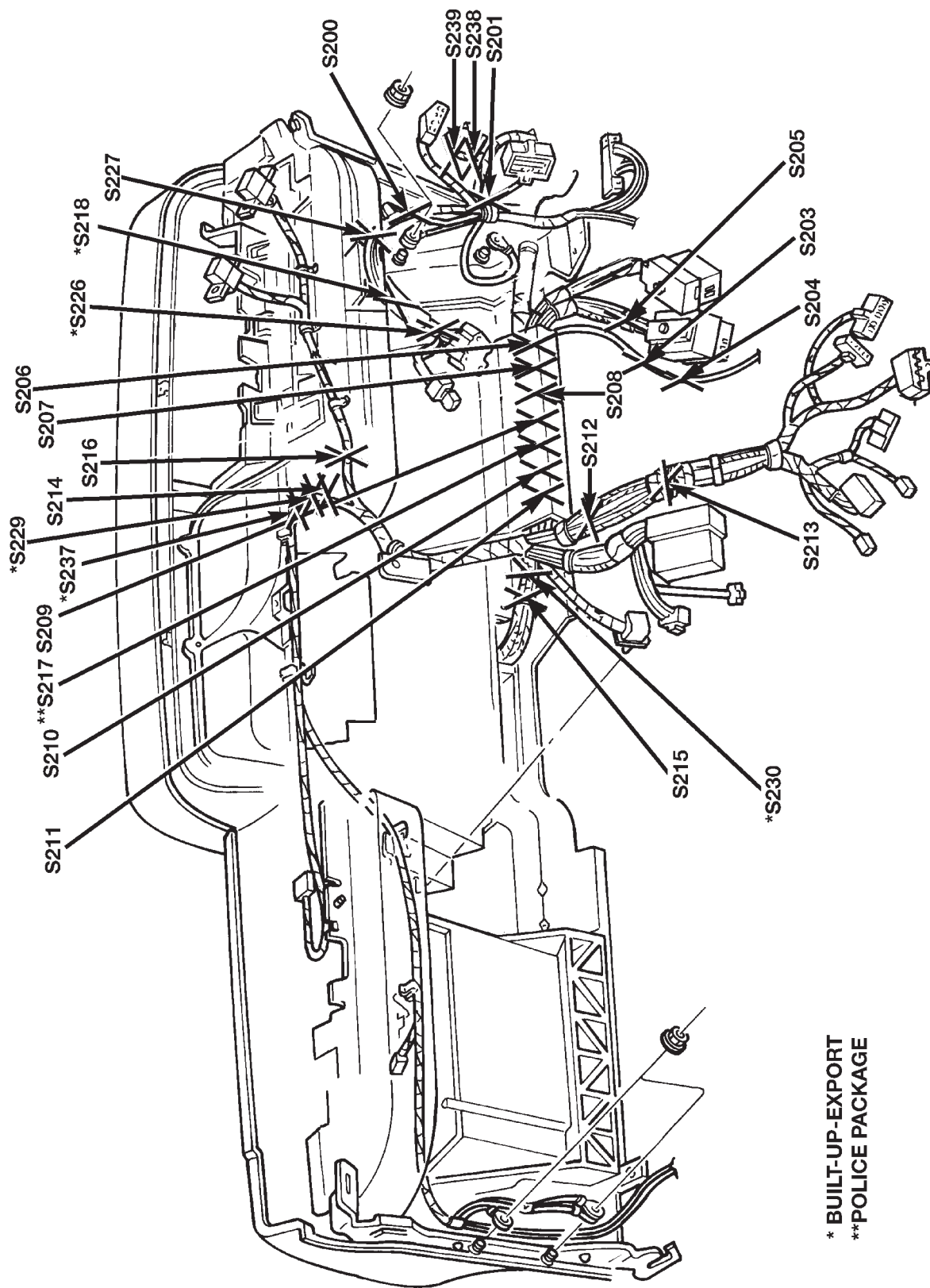


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Fig. 11 Engine Wiring Splices 2.5L Engine

DESCRIPTION AND OPERATION (Continued)

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\* BUILT-UP-EXPORT  
 \*\*POLICE PACKAGE

Fig. 12 Instrument Panel Wiring Splices LHD



## DESCRIPTION AND OPERATION (Continued)

80be4793

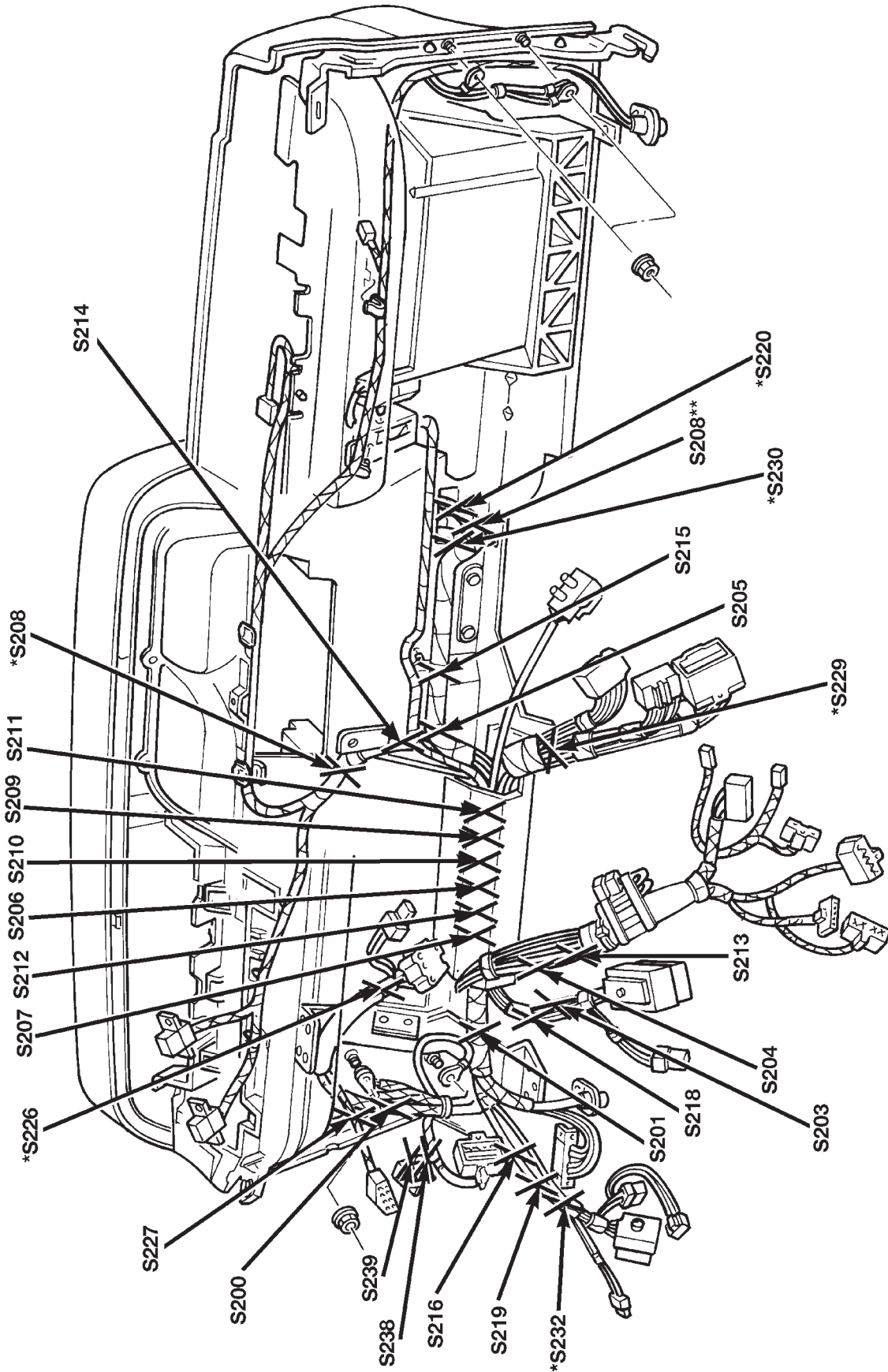


Fig. 13 Instrument Panel Wiring Splices RHD

\* BUILT-UP-EXPORT  
 \*\* EXCEPT BUILT-UP-EXPORT



DESCRIPTION AND OPERATION (Continued)

80be4794

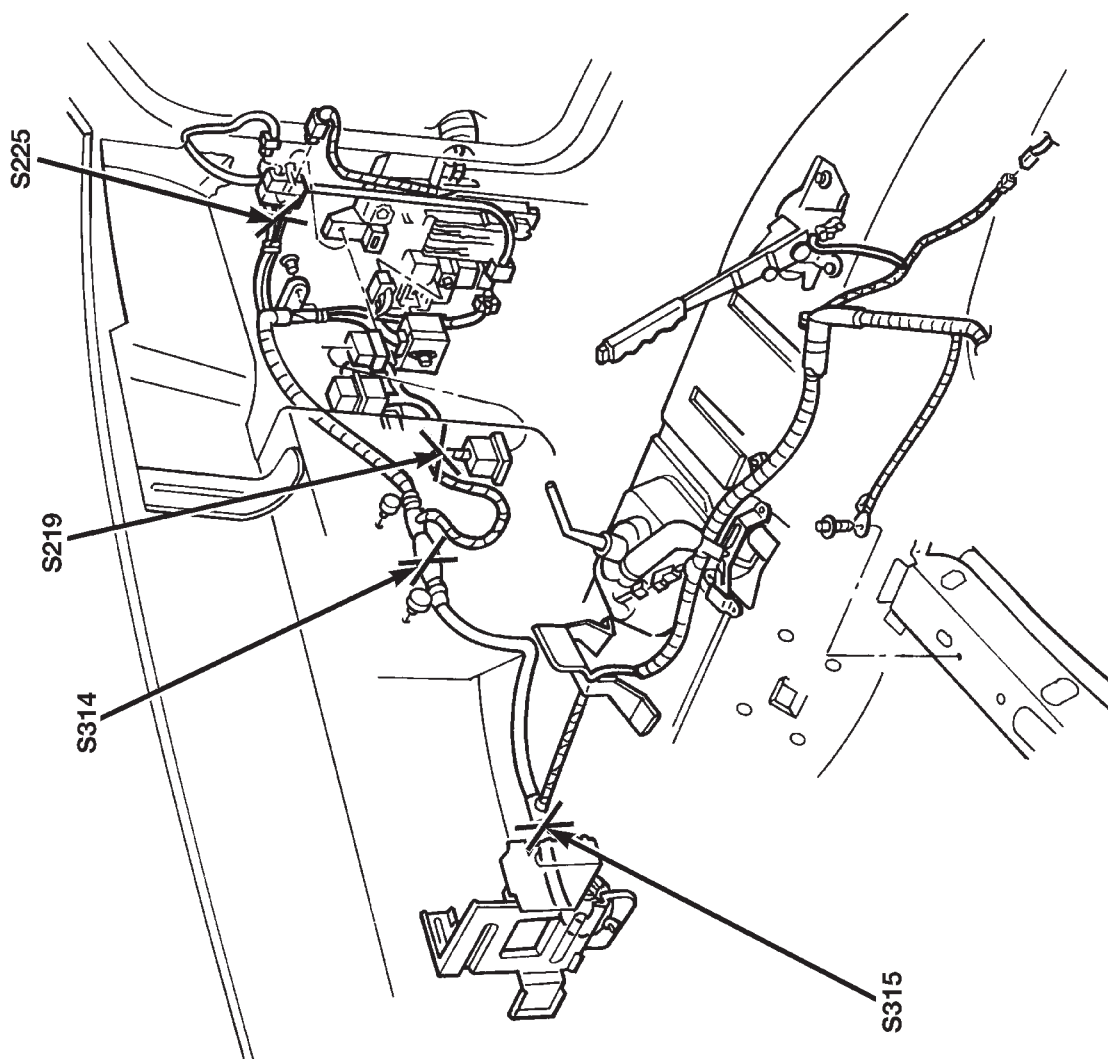
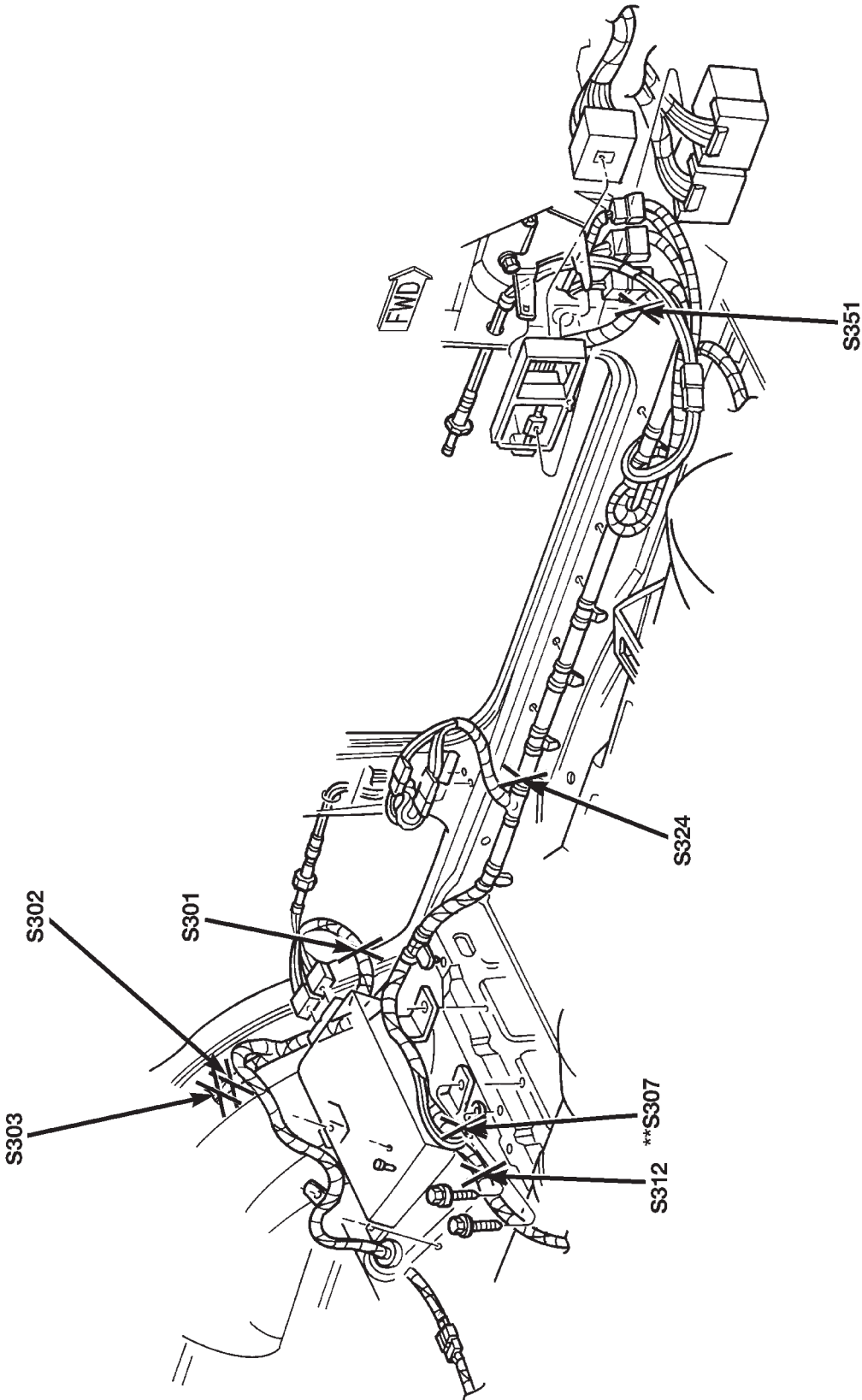


Fig. 14 Instrument Panel to Body Harness Splices

DESCRIPTION AND OPERATION (Continued)

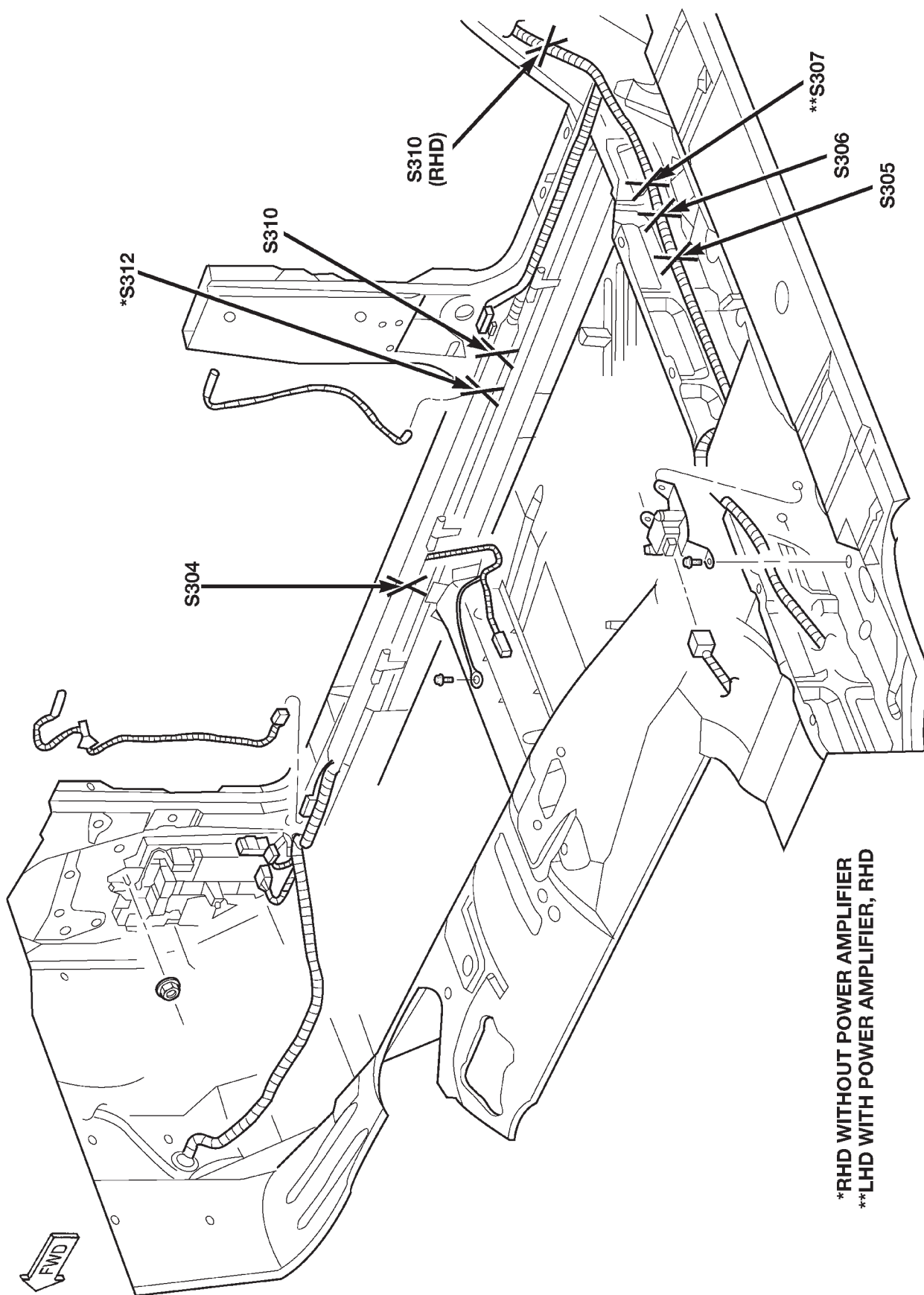
80be4796



\*\* LHD WITHOUT POWER AMPLIFIER

Fig. 15 Left Side Body Harness Splices

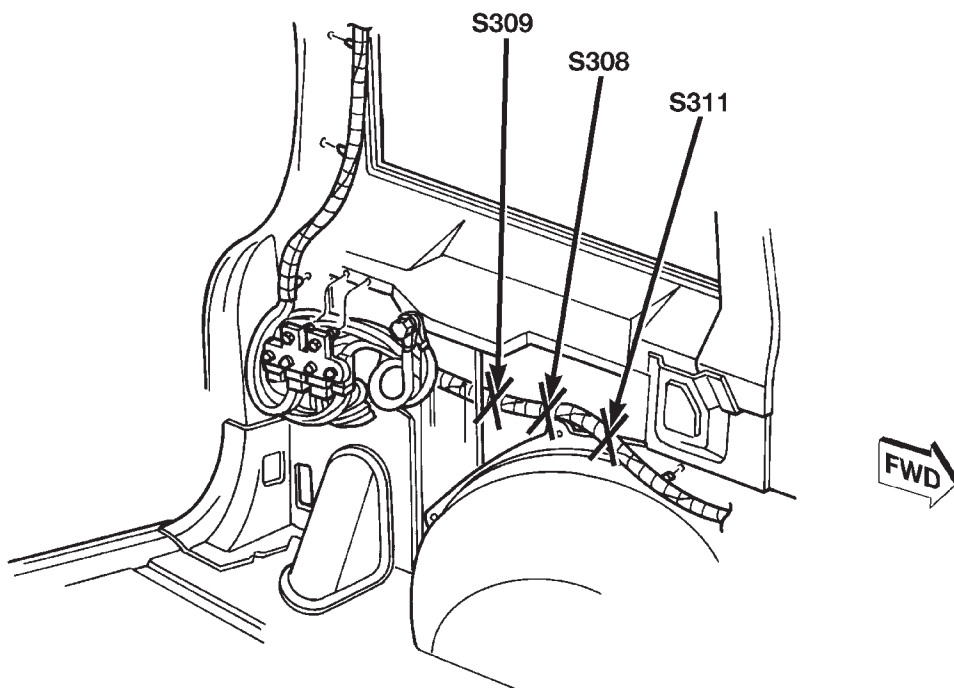
DESCRIPTION AND OPERATION (Continued)



80be4797

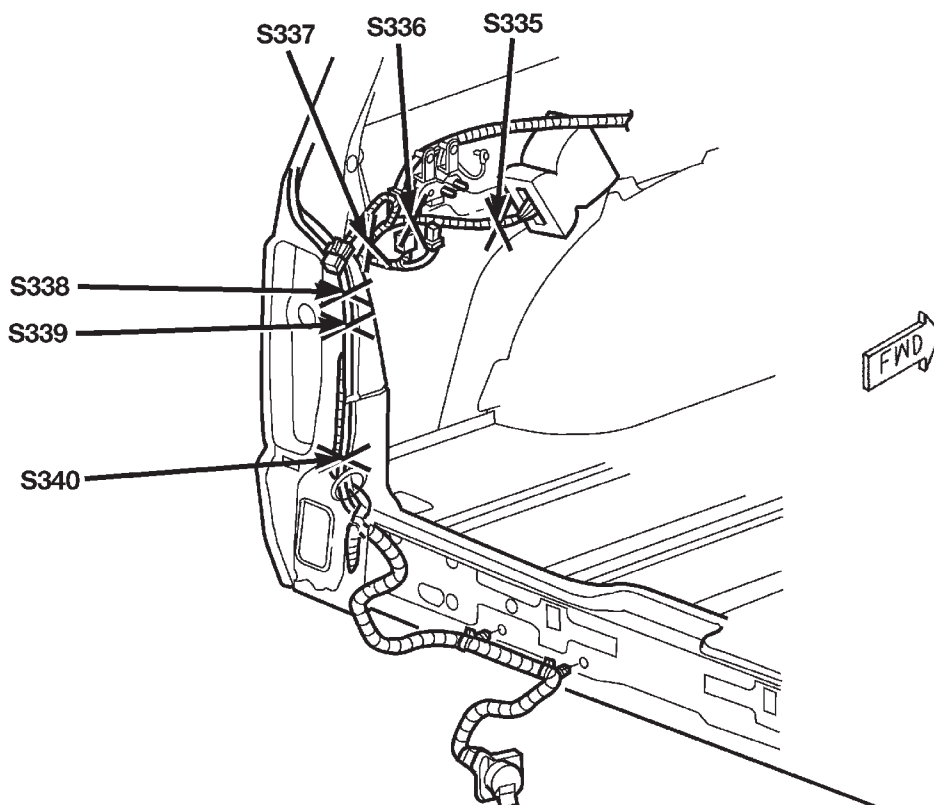
Fig. 16 Right Side Body Harness Splices

DESCRIPTION AND OPERATION (Continued)



**Fig. 17 Left Side Body Harness Splices**

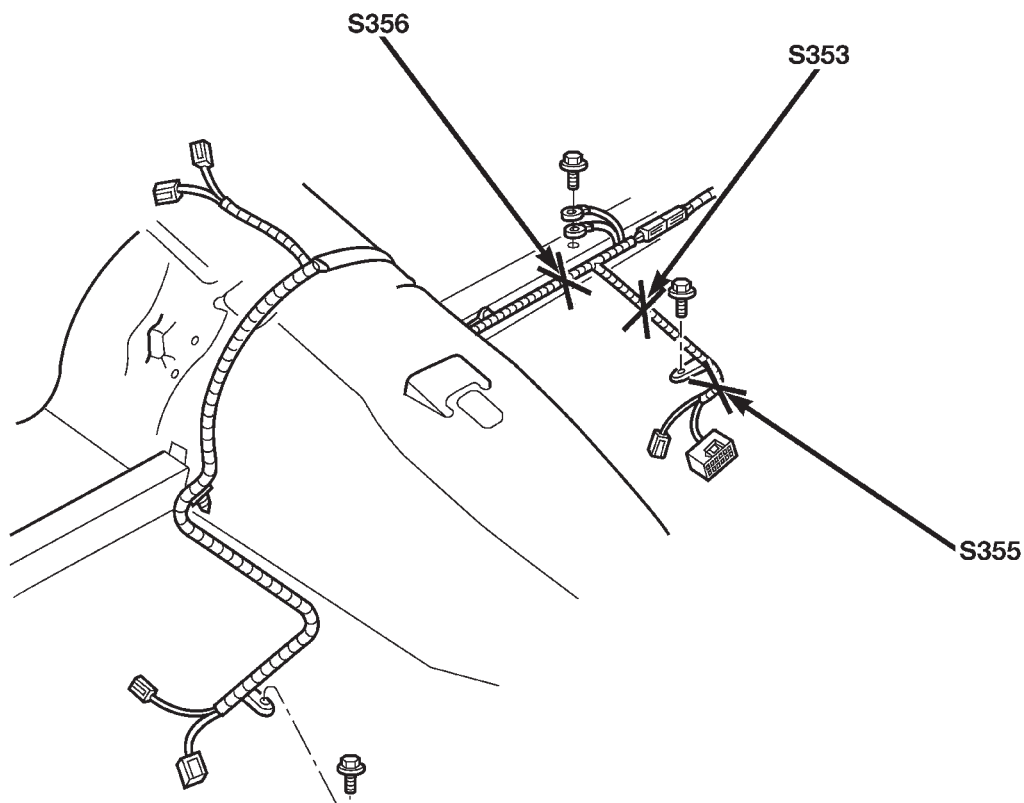
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**Fig. 18 Trailer Tow Splices**

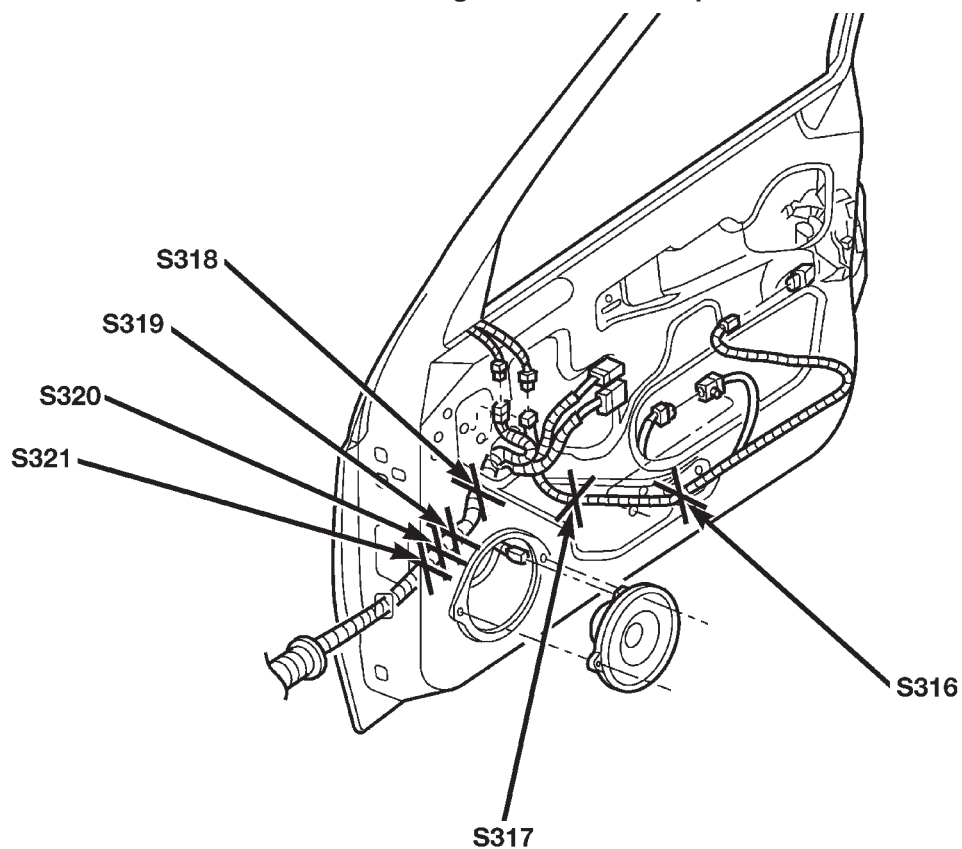
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DESCRIPTION AND OPERATION (Continued)



**Fig. 19 Power Seat Splices**

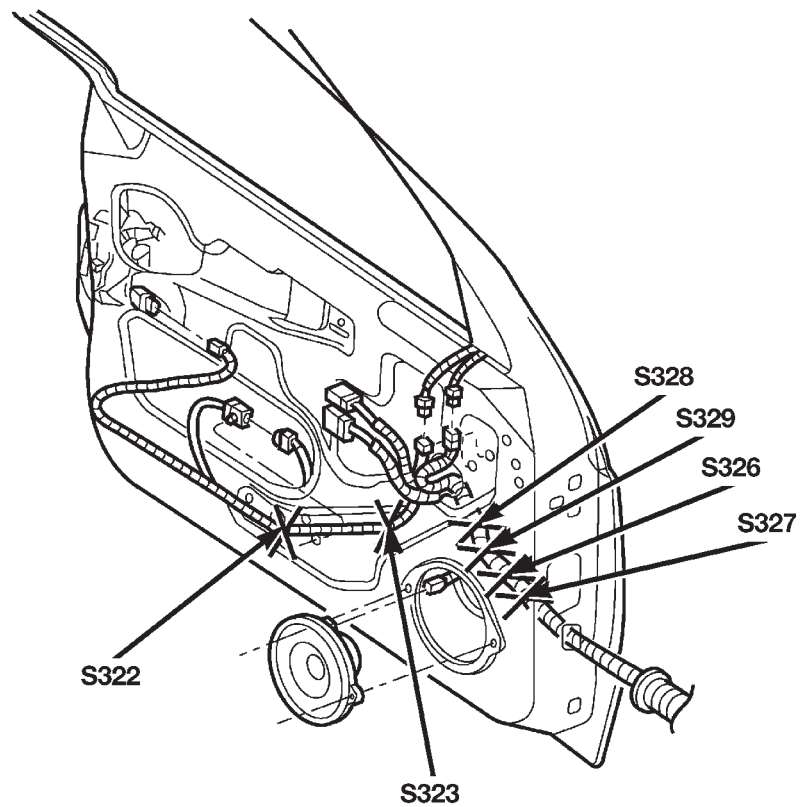
80be479a



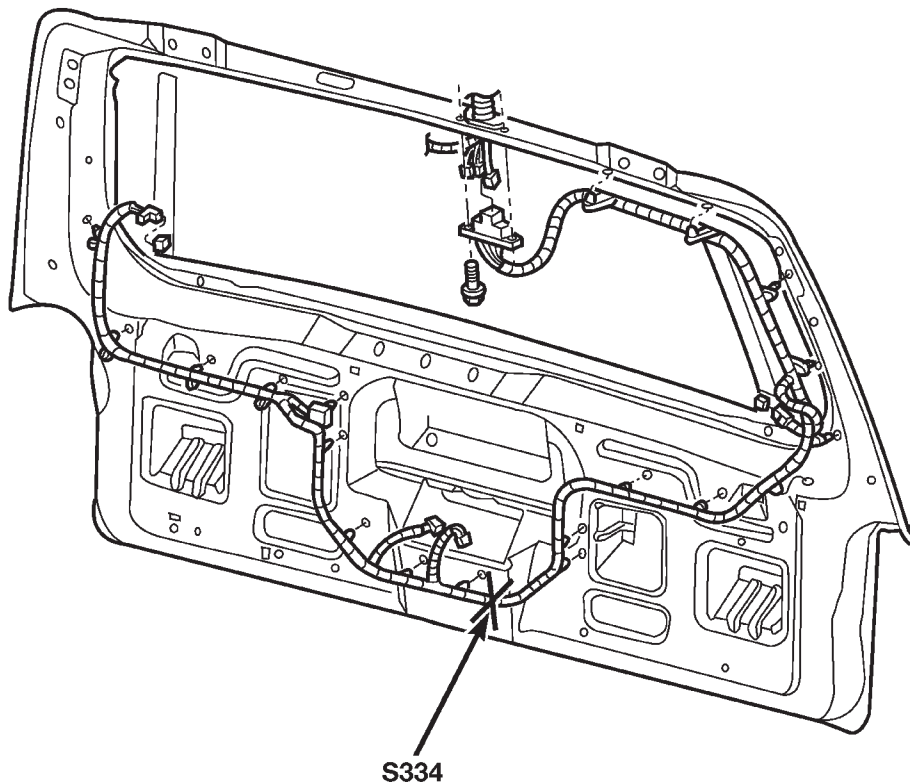
**Fig. 20 Right Front Door Splices**

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## DESCRIPTION AND OPERATION (Continued)

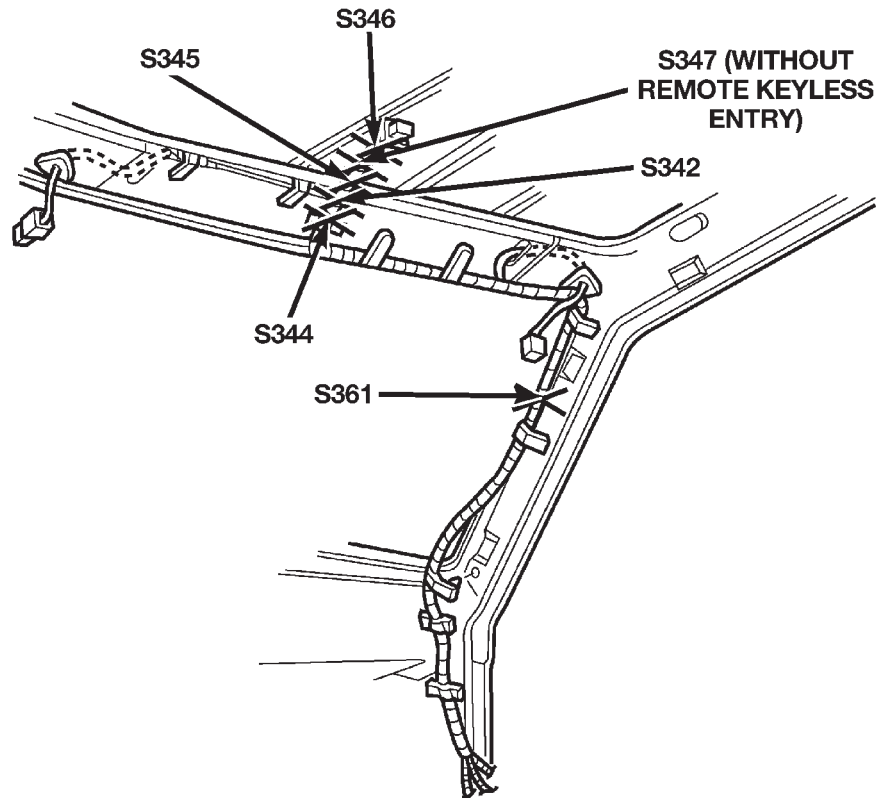
**Fig. 21 Left Front Door Splices**

80be479c

**Fig. 22 Liftgate Splices**

80be479e

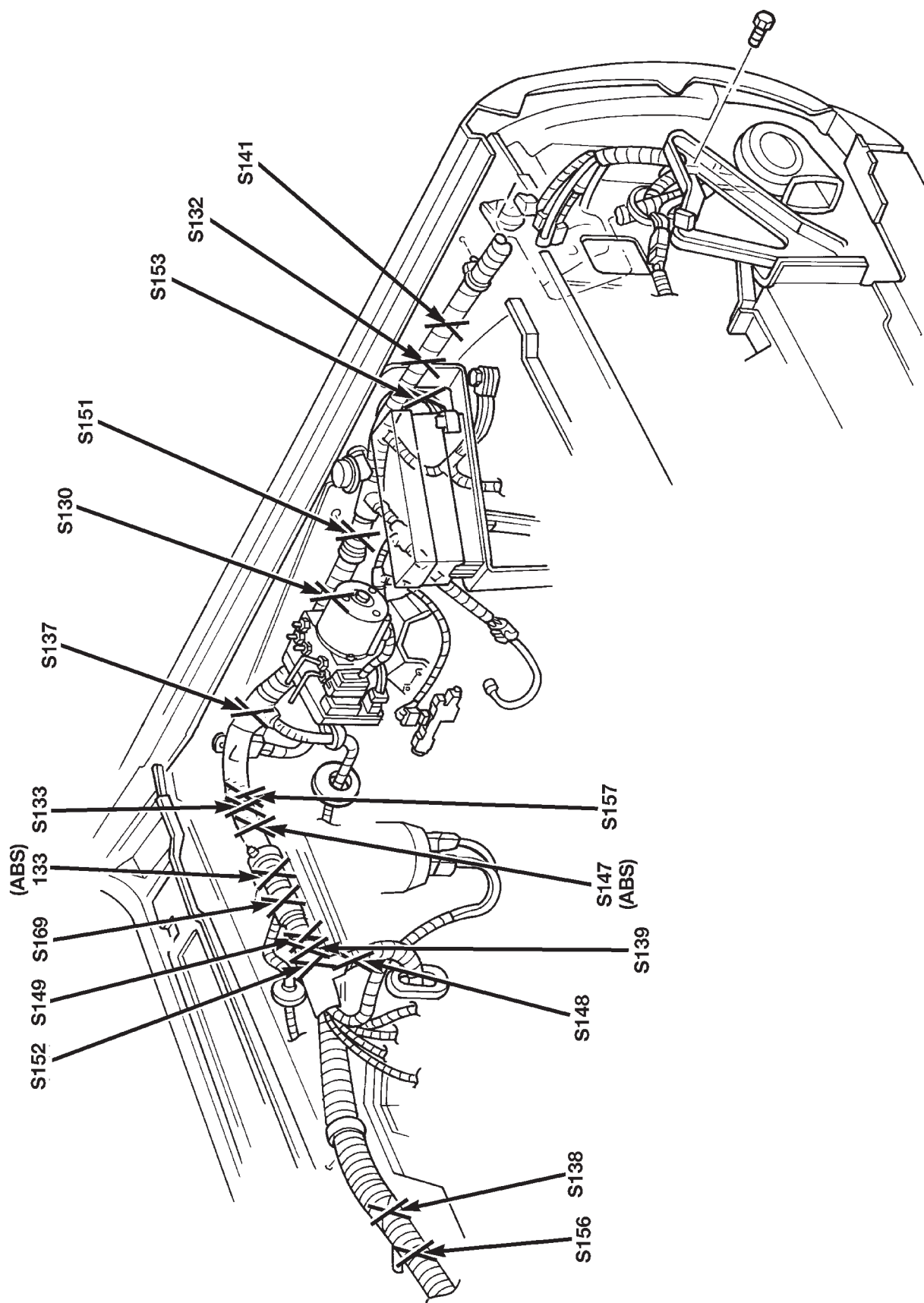
DESCRIPTION AND OPERATION (Continued)



80be479f

**Fig. 23 Headliner Splices**

## DESCRIPTION AND OPERATION (Continued)



80be47a0

Fig. 24 Left Engine Compartment Splices Diesel LHD



DESCRIPTION AND OPERATION (Continued)

80bed7a1

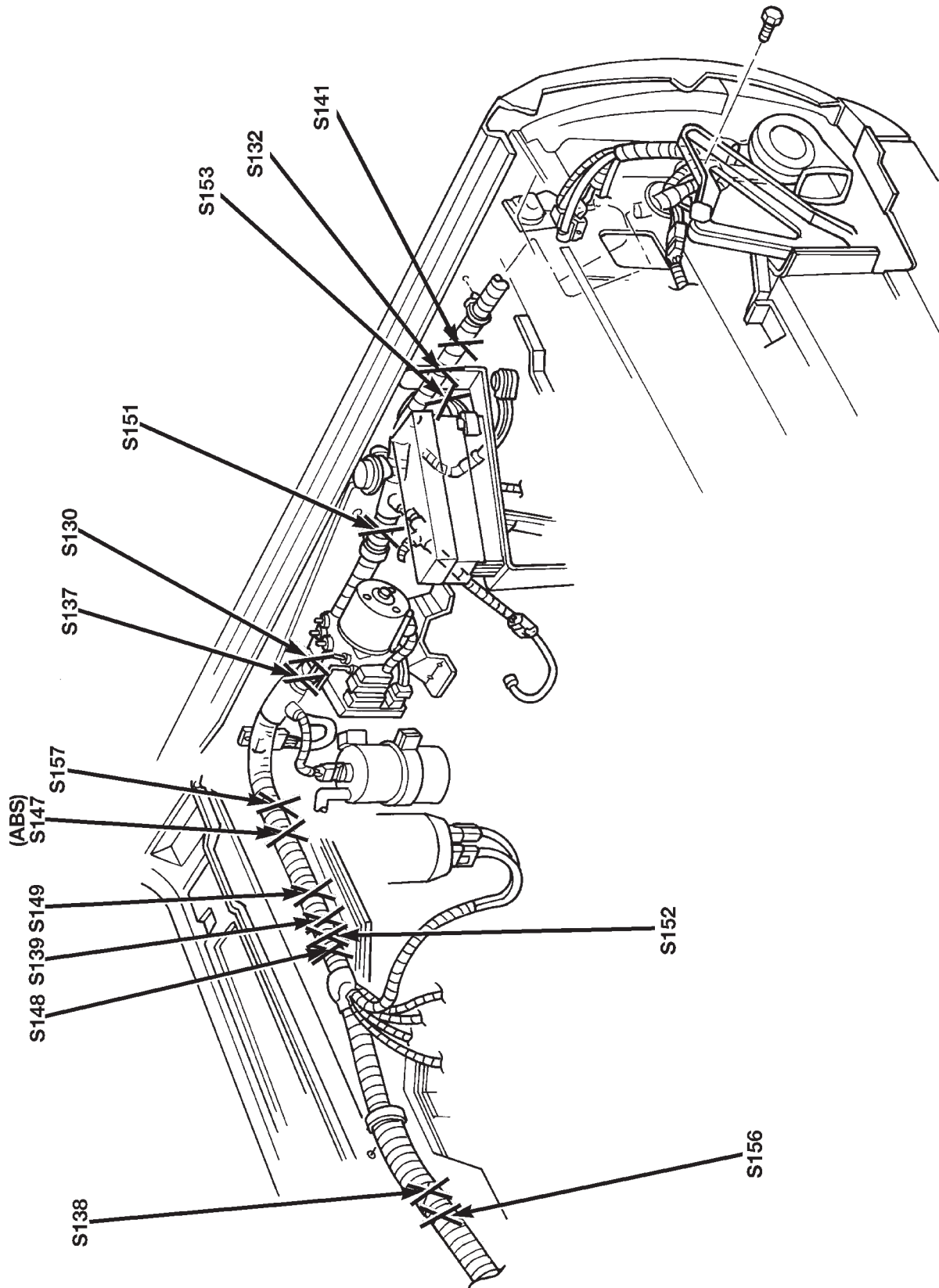


Fig. 25 Left Engine Compartment Splices Diesel RHD

DESCRIPTION AND OPERATION (Continued)

80be47a2

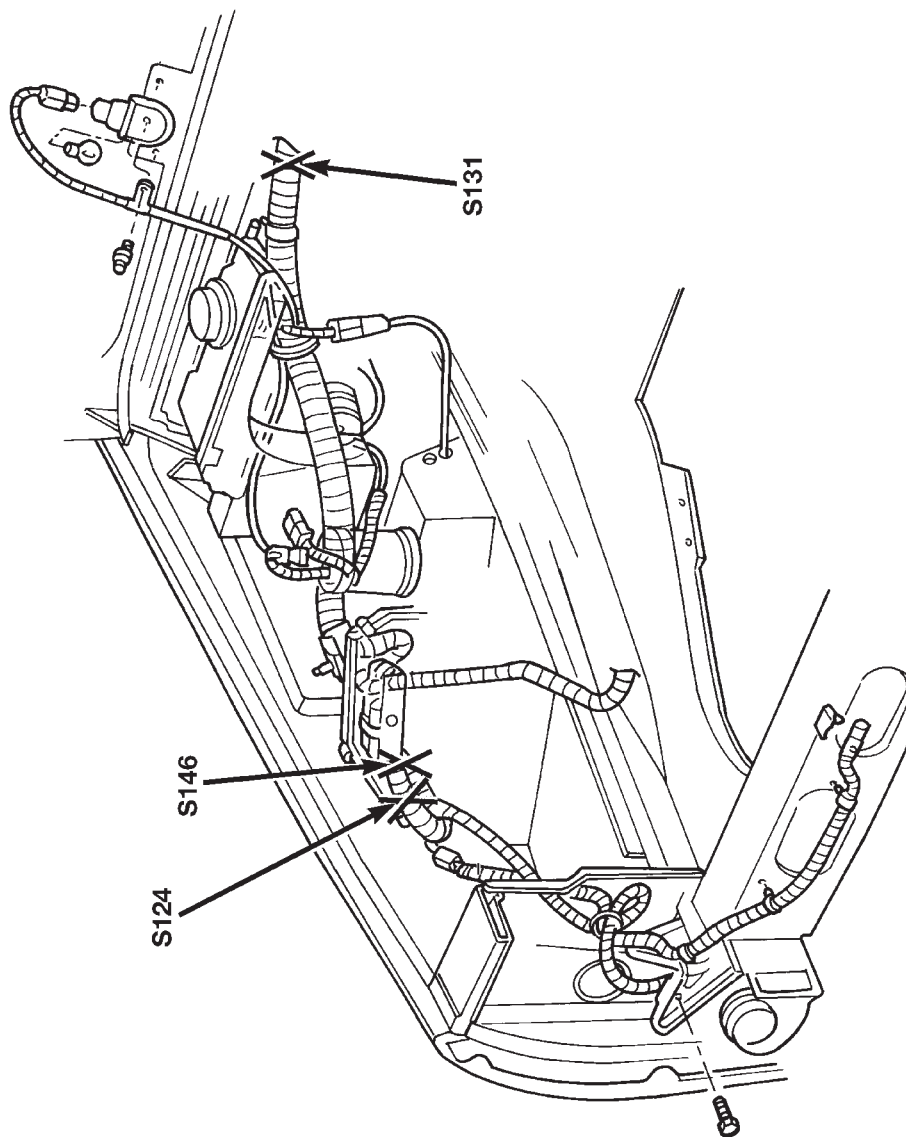
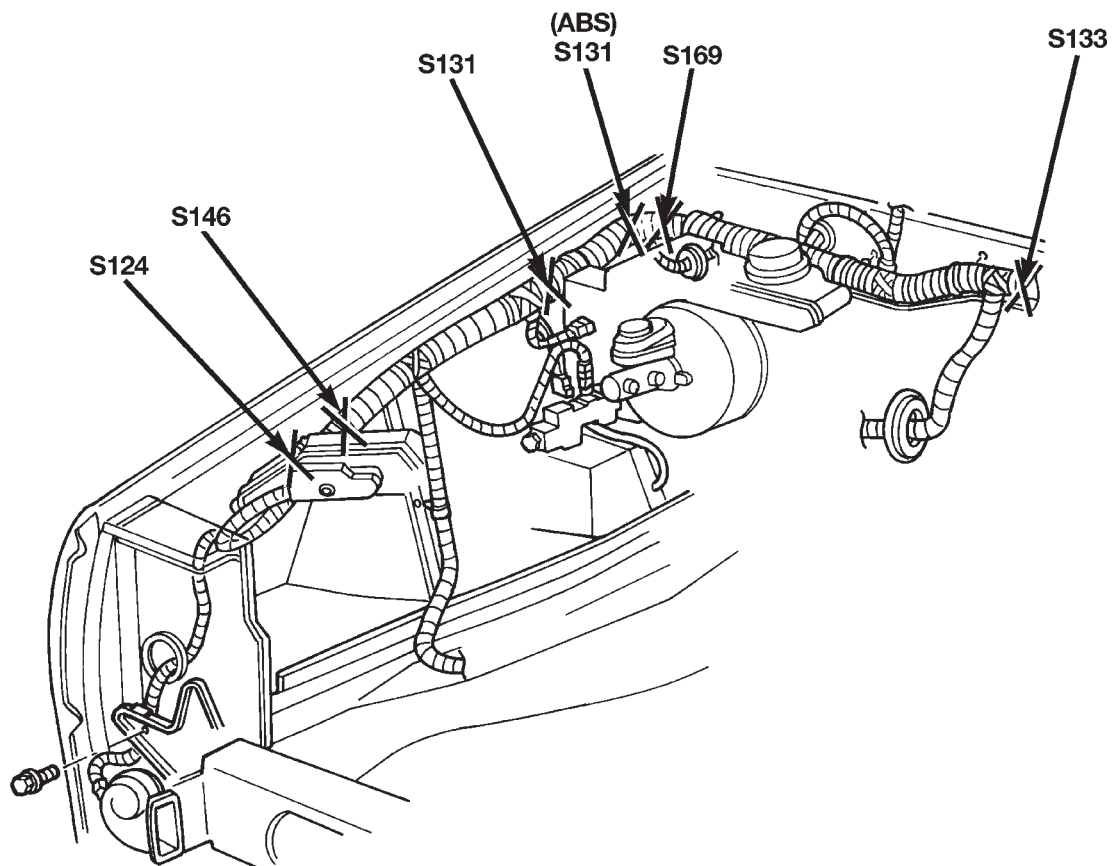


Fig. 26 Right Engine Compartment Splices Diesel LHD

DESCRIPTION AND OPERATION (Continued)



80be47a3

**Fig. 27 Right Engine Compartment Splices Diesel RHD**

