

# 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.

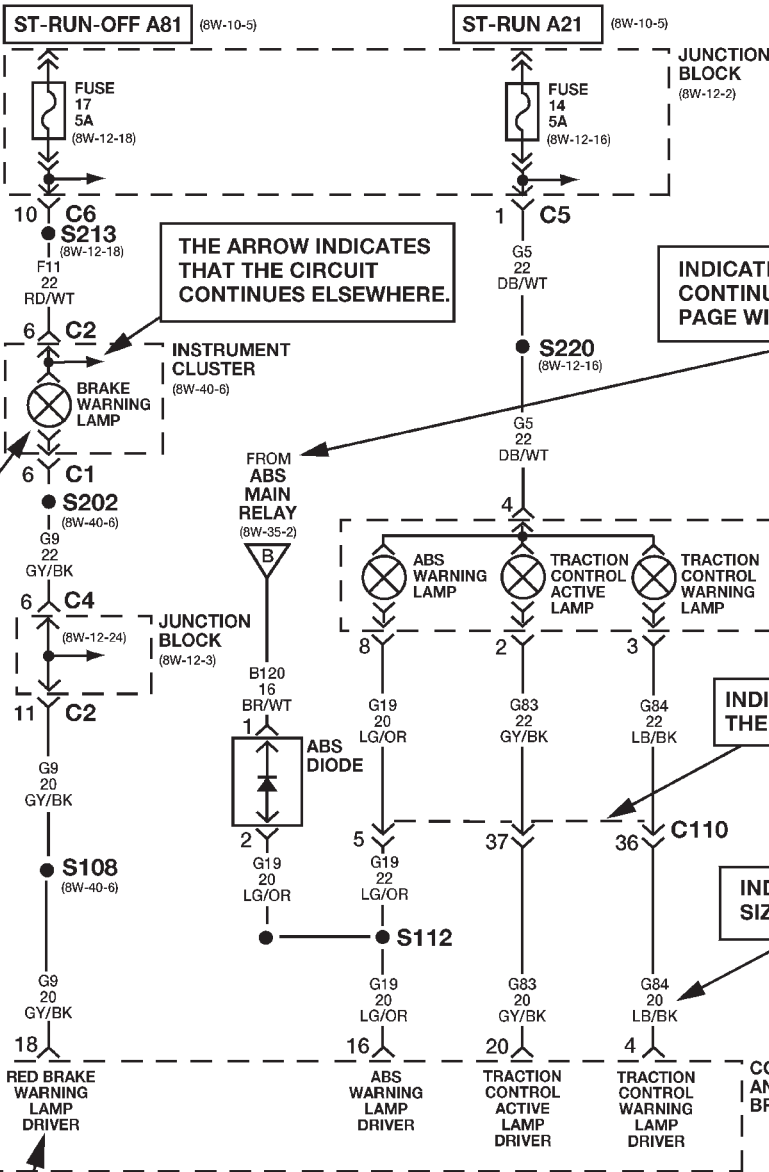
All switches, components, and modules are shown in the at rest position with the doors closed and the key removed from the ignition.

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.



THE ARROW INDICATES THAT THE CIRCUIT CONTINUES ELSEWHERE.

INDICATES CIRCUIT IS CONTINUED FROM ANOTHER PAGE WITHIN THE GROUP.

SYMBOLS USED ARE SIMILAR TO THOSE BEING USED WORLDWIDE.

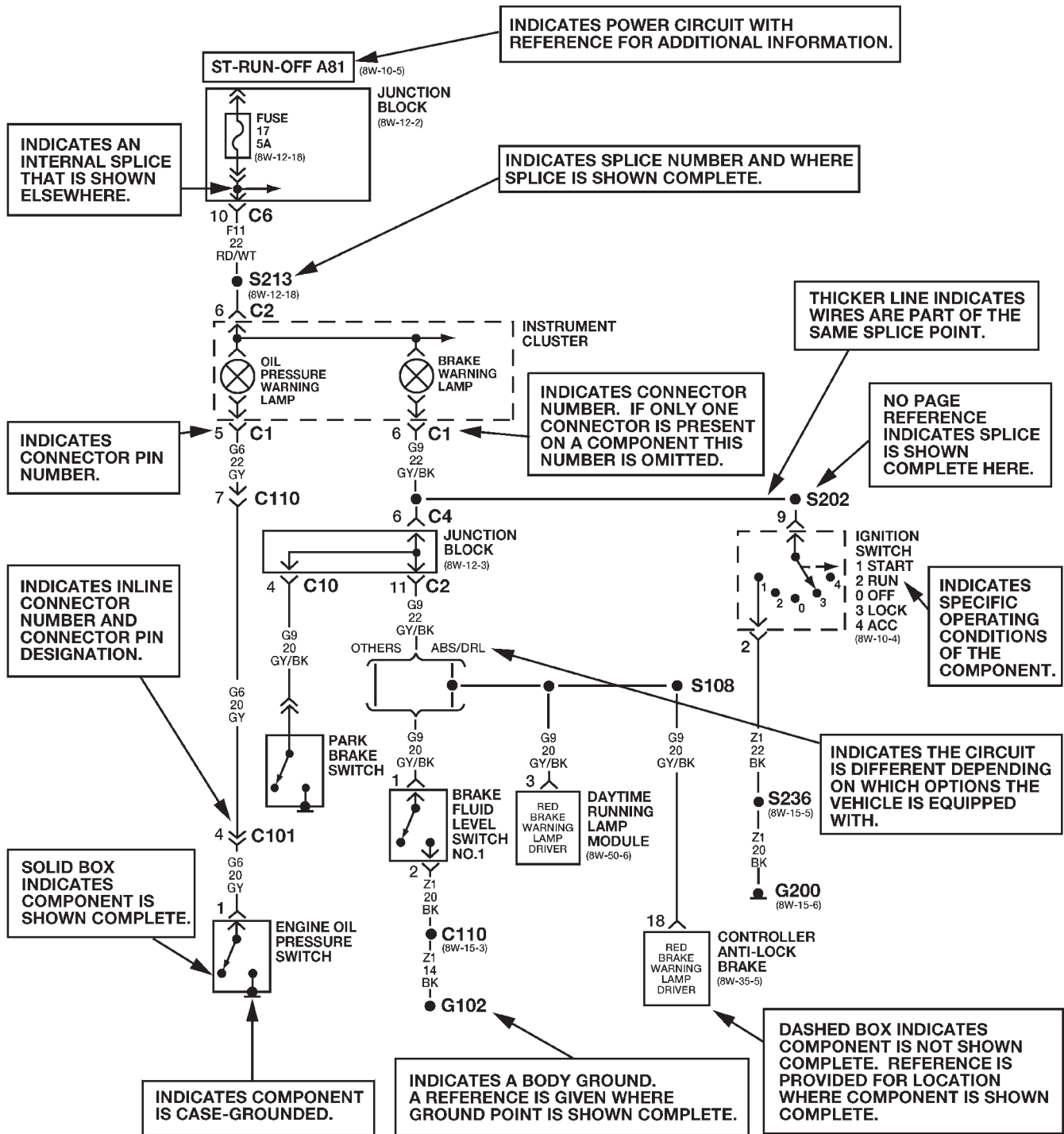
INDICATES WIRES ARE PART OF THE SAME CONNECTOR.

INDICATES CIRCUIT NUMBER, SIZE AND WIRE COLOR.

INTERNAL DESCRIPTIONS ARE GIVEN TO INDICATE THE FUNCTION OF THE CIRCUIT.

COMPONENT NAME IS ALSO USED AS THE REFERENCE FOR CONNECTOR PINOUTS.

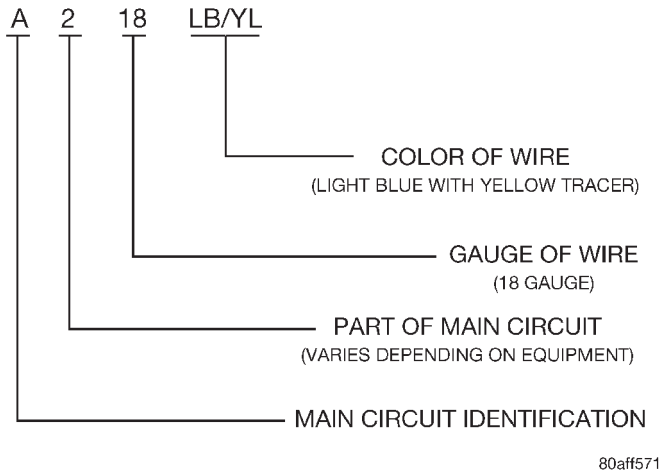
DESCRIPTION AND OPERATION (Continued)



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).



**Fig. 1 Wire Code Identification**

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	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**
























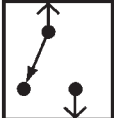


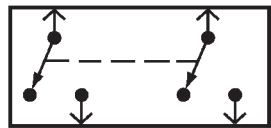


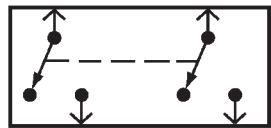


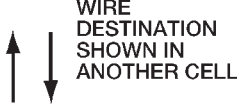

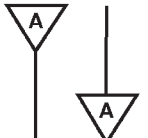






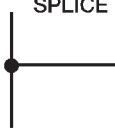










The wiring diagrams are grouped into individual sections. If a component is most likely found in a particular group, it will be shown complete (all wires, connectors, and pins) within that group. For example, the Auto Shutdown Relay is most likely to be found in Group 30, so it is shown there complete. 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	 2 C123 IN-LINE CONNECTORS  2 C123
 FUSIBLE LINK  FUSE  CIRCUIT BREAKER	MULTIPLE CONNECTOR  8  5  2 C123 MALE CONNECTOR  4 C1 FEMALE CONNECTOR  6 C3
 BATT A0 HOT BAR  CHOICE BRACKET (8W-30-10) PAGE REFERENCE	 SINGLE FILAMENT LAMP  DUAL FILAMENT LAMP  ANTENNA
 CLOCKSPRING  GROUND G101  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  POTENTIOMETER  VARIABLE RESISTOR  HEATER ELEMENT
EXTERNAL SPLICE  S350 INTERNAL SPLICE  INCOMPLETE SPLICE (INTERNAL) 	NON-POLARIZED CAPACITOR  POLARIZED CAPACITOR  VARIABLE CAPACITOR 
 ONE SPEED MOTOR  TWO SPEED MOTOR  REVERSIBLE MOTOR	 COIL  SOLENOID  SOLENOID VALVE



DESCRIPTION AND OPERATION (Continued)

**TERMINOLOGY**

This a list of terms with there 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
- ATX . . . . . Automatic Transmission-Front Wheel Drive
- MTX . . . . . Manual Transmission-Front Wheel Drive
- AT . . . . . Automatic Transmission-Rear Wheel Drive
- MT . . . . . Manual Transmission-Rear Wheel Drive
- SOHC . . . . . Single Over Head Cam Engine
- DOHC . . . . . Dual Over Head Cam Engine

**CONNECTOR INFORMATION**

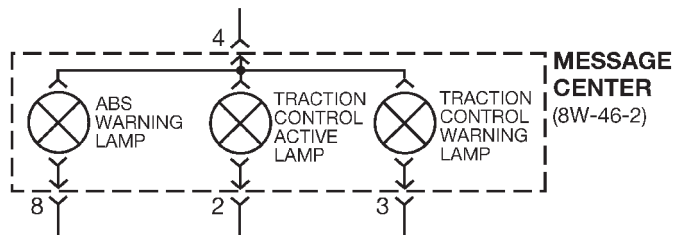
**CAUTION: Not all connectors are serviced. Some connectors are serviced only with a harness. A typical example might be the Supplemental Restraint System connectors. Always check parts availability before attempting a repair.**

**IDENTIFICATION**

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

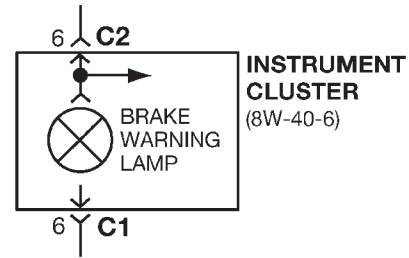
- In-line connectors located on the **engine compartment harness** are **C100** series numbers.
- Connectors located on the **instrument panel harness** are **C200** series numbers.
- Connectors located on the **body harness** are **C300** series numbers.
- **Jumper harness connectors** are **C400** 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 (Fig. 2). Multiple connectors on a component use a C1, C2, etc. identifier (Fig. 3).



80aff5a3

**Fig. 2 Component Identification**



80aff5a4

**Fig. 3 Connector Identification**

**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.**

## DESCRIPTION AND OPERATION (Continued)

**WARNING: BE SURE THAT THE IGNITION SWITCH ALWAYS IS IN THE OFF POSITION, UNLESS THE PROCEDURE REQUIRES IT TO BE ON.**

**WARNING: SET THE PARKING BRAKE WHEN WORKING ON ANY VEHICLE. AN AUTOMATIC TRANSMISSION SHOULD BE IN PARK. A MANUAL TRANSMISSION SHOULD BE IN NEUTRAL.**

**WARNING: OPERATE THE ENGINE ONLY IN A WELL-VENTILATED AREA.**

**WARNING: KEEP AWAY FROM MOVING PARTS WHEN THE ENGINE IS RUNNING, ESPECIALLY THE FAN AND BELTS.**

**WARNING: TO PREVENT SERIOUS BURNS, AVOID CONTACT WITH HOT PARTS SUCH AS THE RADIATOR, EXHAUST MANIFOLD(S), TAIL PIPE, CATALYTIC CONVERTER, AND MUFFLER.**

**WARNING: DO NOT ALLOW FLAME OR SPARKS NEAR THE BATTERY. GASES ARE ALWAYS PRESENT IN AND AROUND THE BATTERY.**

**WARNING: ALWAYS REMOVE RINGS, WATCHES, LOOSE HANGING JEWELRY, AND 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. 4) 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.

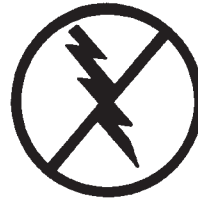
(1) Always touch a known good ground before handling the part. This should be repeated while handling the part and more frequently after sliding across a seat, sitting down from a standing position, or walking a distance.

(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.



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*Fig. 4 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.

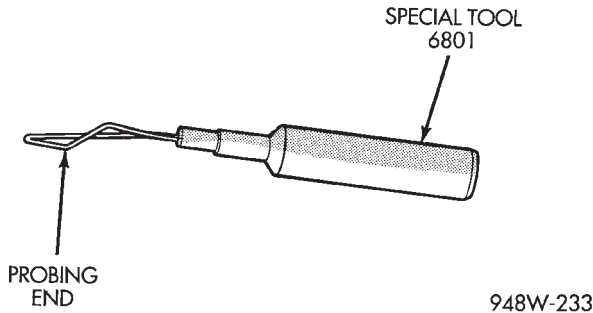
**CAUTION: Most of the electrical components used in today's vehicle are solid state. When checking voltages in these circuits use a meter with a 10-megohm or greater impedance rating.**

- 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.**

DIAGNOSIS AND TESTING (Continued)

• Probing Tools - These tools are used for probing terminals in connectors (Fig. 5). 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.



**Fig. 5 Probing Tool**

**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.

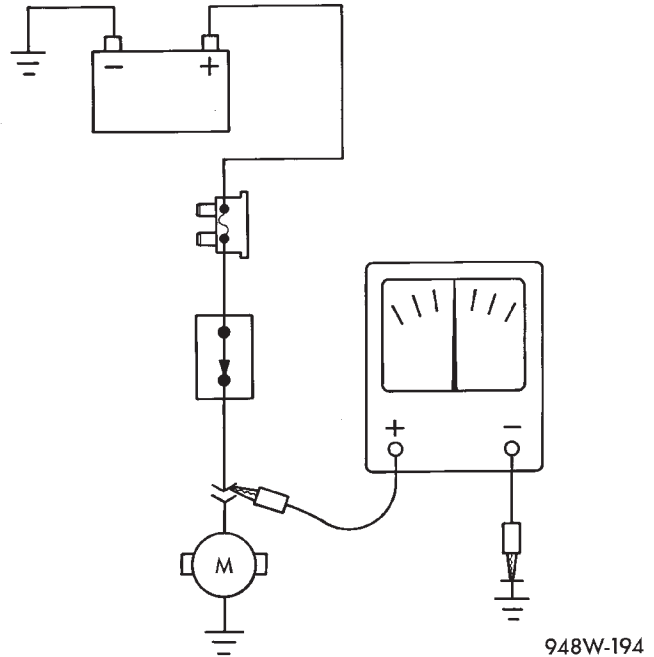
- Connectors are fully seated
- Spread terminals, or terminal push out
- Terminals in the wiring assembly are fully seated into the connector/component and locked in position
- Dirt or corrosion on the terminals. Any amount of corrosion or dirt could cause an intermittent problem
- Damaged connector/component 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**

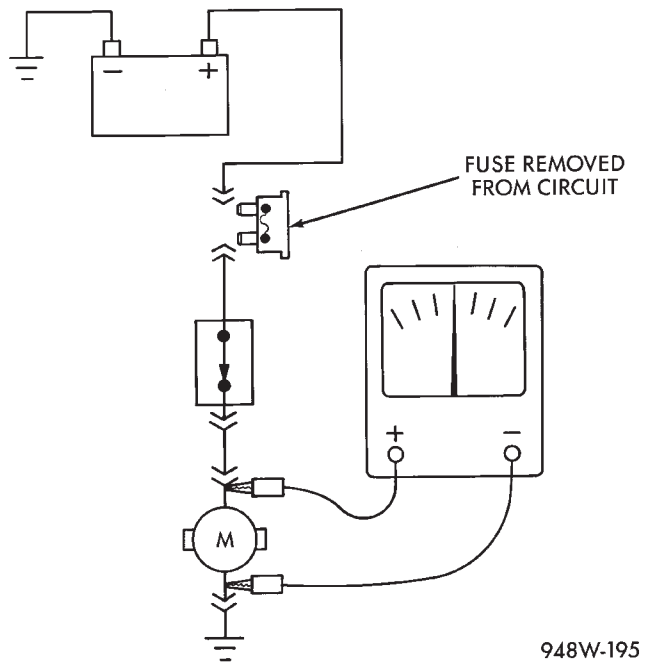
- (1) Connect the ground lead of a voltmeter to a known good ground (Fig. 6).
- (2) Connect the other lead of the voltmeter to the selected test point. The vehicle ignition may need to be turned ON to check voltage. Refer to the appropriate test procedure.



**Fig. 6 Testing for Voltage Potential**

**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. 7).
- (3) Connect the other lead to the other end of the circuit being tested. Low or no resistance means good continuity.



**Fig. 7 Testing for Continuity**

## DIAGNOSIS AND TESTING (Continued)

*TESTING FOR A SHORT TO GROUND*

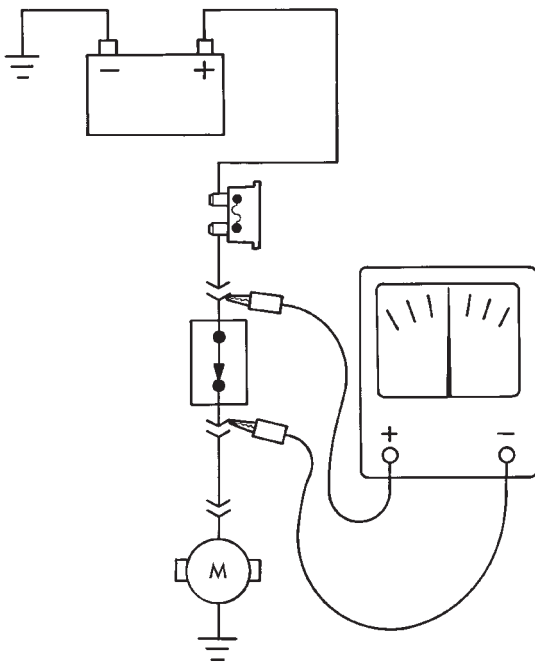
- (1) Remove the fuse and disconnect all items involved with the fuse.
- (2) Connect a test light or a voltmeter across the terminals of the fuse.
- (3) Starting at the fuse block, wiggle the wiring harness about six to eight inches apart and watch the voltmeter/test lamp.
- (4) If the voltmeter registers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

*TESTING FOR A SHORT TO GROUND ON FUSES POWERING SEVERAL LOADS*

- (1) Refer to the wiring diagrams and disconnect or isolate all items on the suspected fused circuits.
- (2) Replace the blown fuse.
- (3) Supply power to the fuse by turning ON the ignition switch or re-connecting the battery.
- (4) Start connecting 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. 8).
- (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.



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**Fig. 8 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.

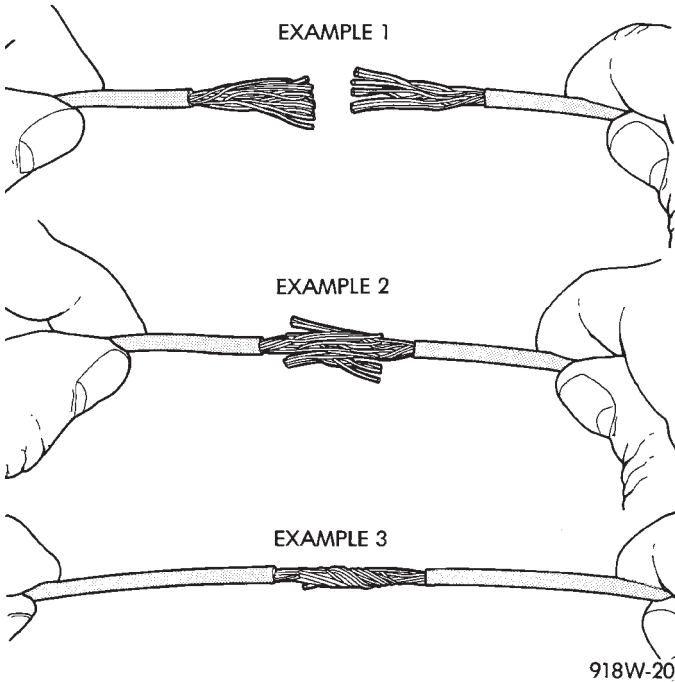
- (1) Verify the problem.
- (2) Verify any related symptoms. Do this by performing operational checks on components that are in the same circuit. Refer to the wiring diagrams.
- (3) Analyze the symptoms. Use the wiring diagrams to determine what the circuit is doing, where the problem most likely is 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. 9).
- (5) Push the two ends of wire together until the strands of wire are close to the insulation (example 2) (Fig. 9).
- (6) Twist the wires together (example 3) (Fig. 9).
- (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.

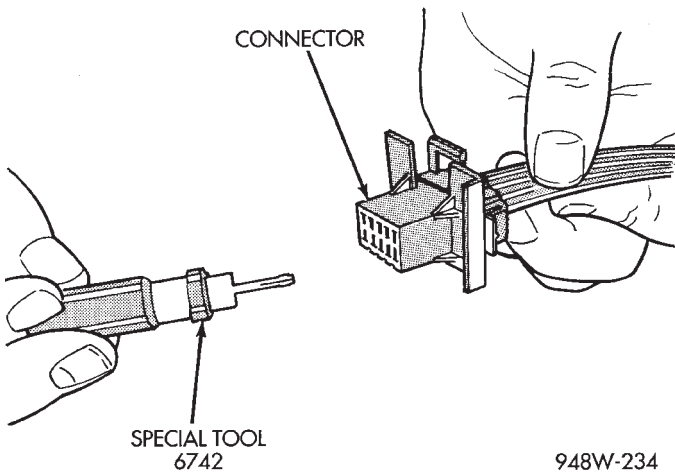
SERVICE PROCEDURES (Continued)



**Fig. 9 Wire Repair**

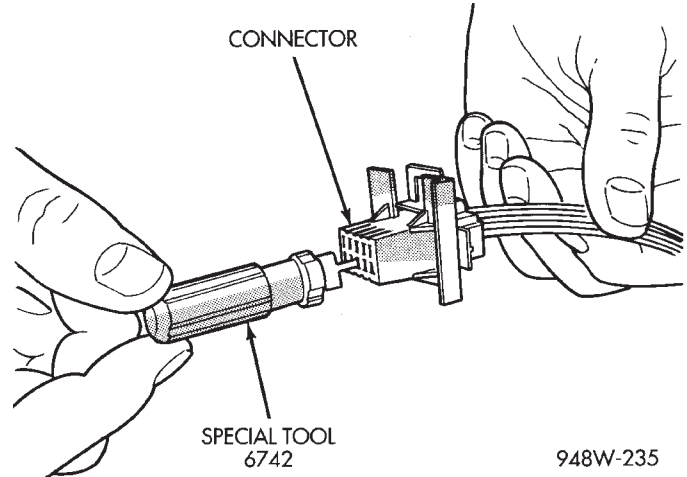
**TERMINAL/CONNECTOR REPAIR-MOLEX CONNECTORS**

- (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. 10).



**Fig. 10 Molex Connector Repair**

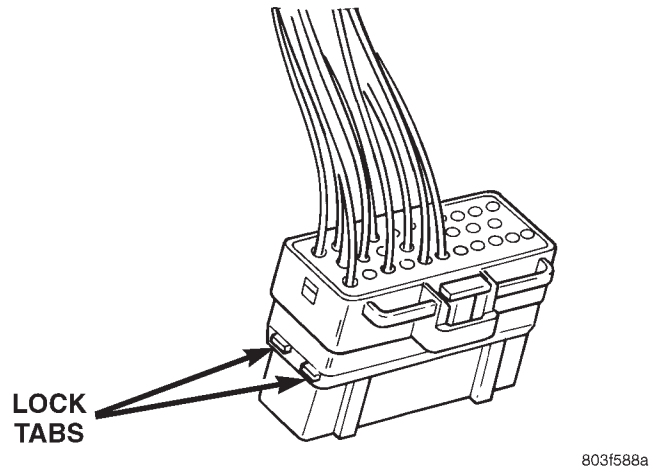
- (4) Using special tool 6742 release the locking fingers on the terminal (Fig. 11).
- (5) Pull on the wire to remove it from the connector.
- (6) Repair or replace the connector or terminal, as necessary.



**Fig. 11 Using Special Tool 6742**

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

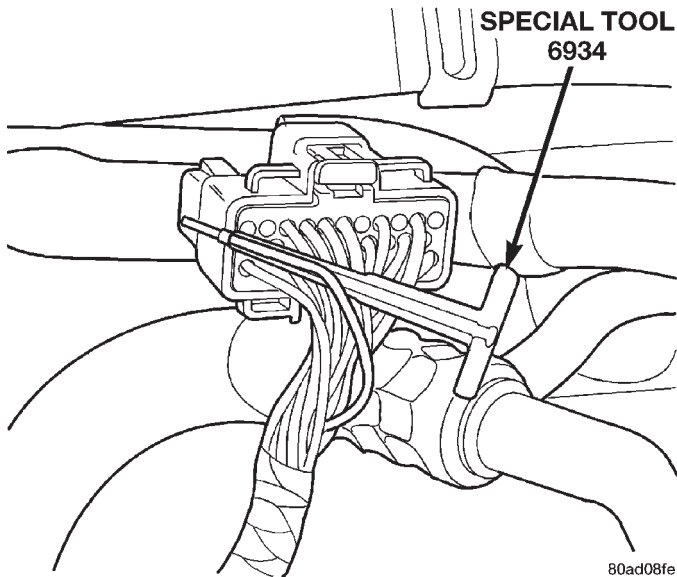
- (1) Disconnect battery.
- (2) Disconnect the connector from its mating half/component.
- (3) Push in the two lock tabs on the side of the connector (Fig. 12).



**Fig. 12 Thomas and Betts Connector Lock Release Tabs**

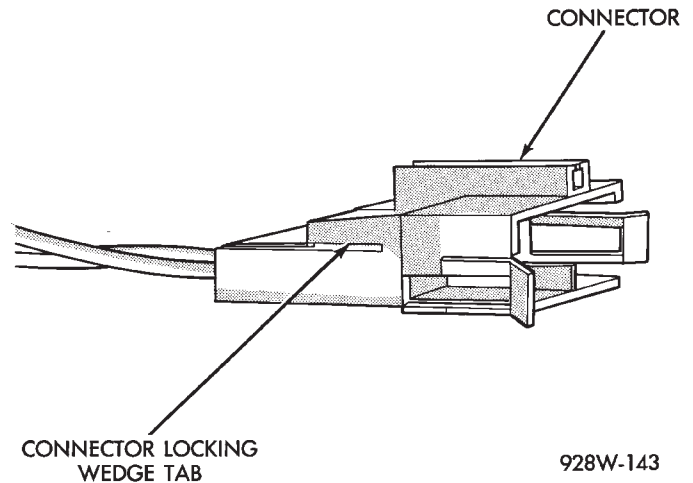
- (4) Insert the probe end of special tool 6934 into the back of the connector cavity (Fig. 13).
- (5) Grasp the wire and tool 6934 and slowly remove the wire and terminal from the connector.
- (6) Repair or replace the terminal.
- (7) Install the wire and terminal in the connector. Fully seat the terminal in the connector.
- (8) Push in the single lock tab on the side of the connector (Fig. 14).

## SERVICE PROCEDURES (Continued)



**Fig. 13 Removing Wire Terminal**

80ad08fe



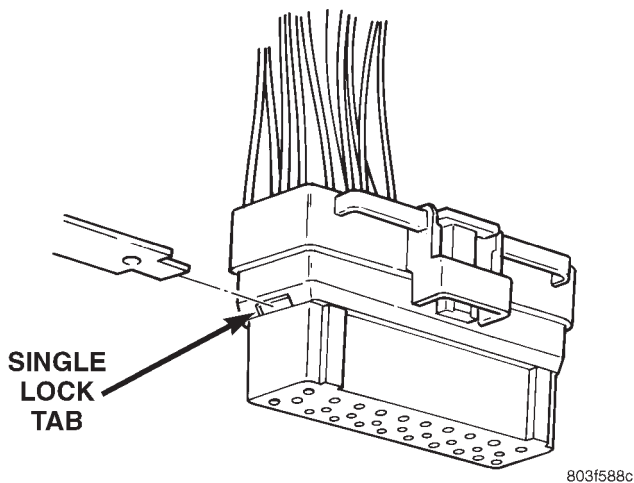
**Fig. 15 Connector Locking Wedge**

928W-143

(8) Insert the connector locking wedge into the repaired connector, if required.

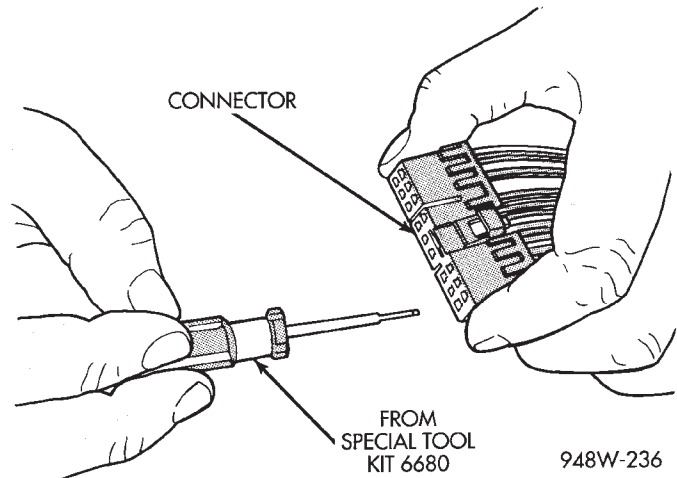
(9) Connect connector to its mating half/component.

(10) Connect battery and test all affected systems.



**Fig. 14 Single Lock Tab**

803f588c



**Fig. 16 Terminal Removal**

948W-236

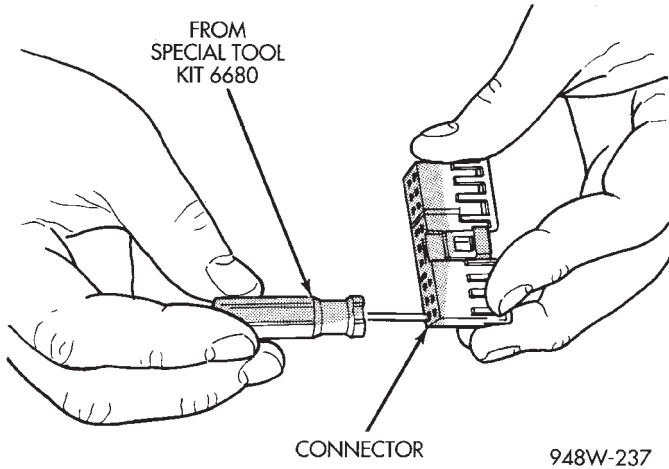
## CONNECTOR REPLACEMENT

- (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).
- (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. 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.

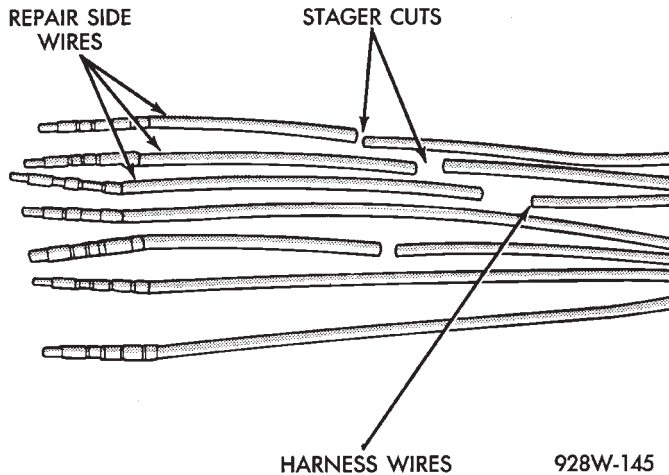
## CONNECTOR AND TERMINAL REPLACEMENT

- (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).

SERVICE PROCEDURES (Continued)



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

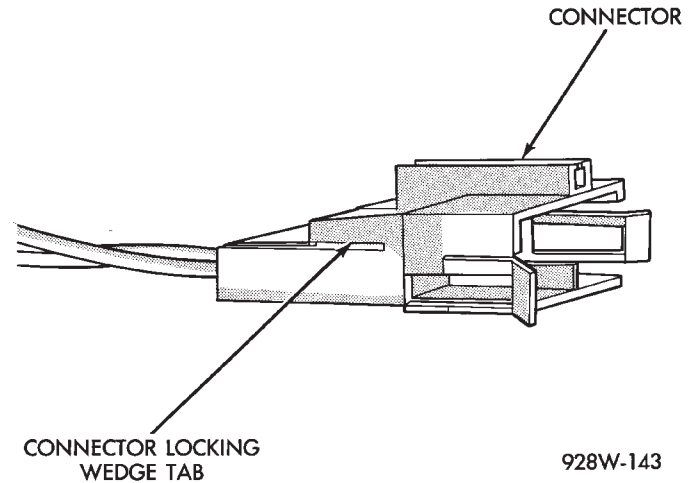


**Fig. 18 Stagger Cutting Wires**

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

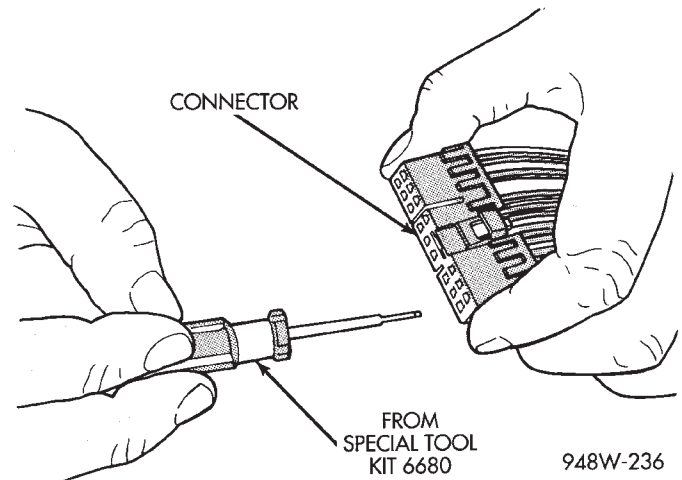
**TERMINAL REPLACEMENT**

- (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).



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

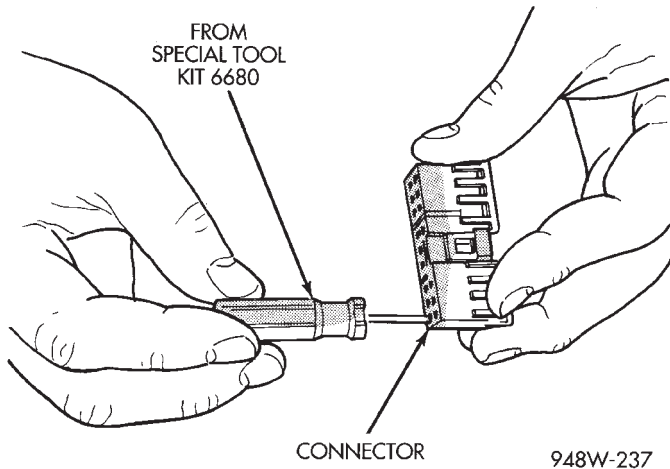
- (4) Position the connector locking finger away from the terminal using the proper pick from special tool kit 6680. Pull on the wire to remove the terminal from the connector (Fig. 20) (Fig. 21).



**Fig. 20 Terminal Removal**

- (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.

## SERVICE PROCEDURES (Continued)



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

(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.

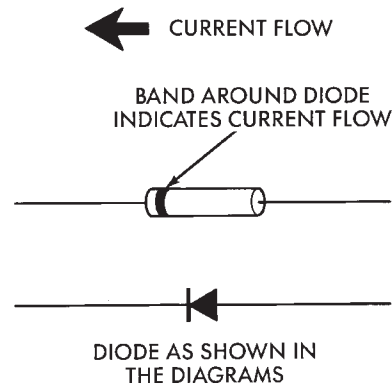
(16) Install the connector locking wedge, if required, and reconnect the connector to its mating half/component.

(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).



948W-197

**Fig. 22 Diode Identification**

(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.**

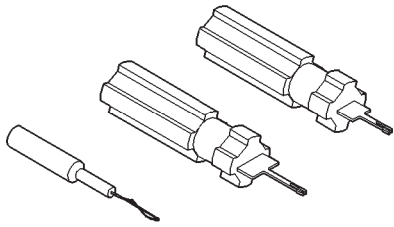
(7) Tape the diode to the harness using electrical tape making sure the diode is completely sealed from the elements.

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

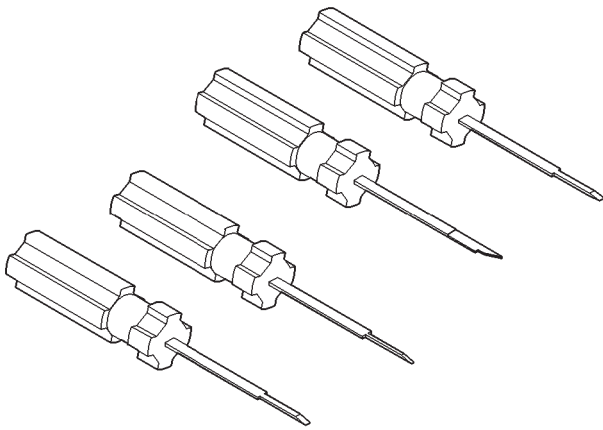


SPECIAL TOOLS

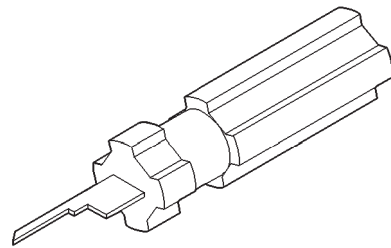
WIRING/TERMINAL



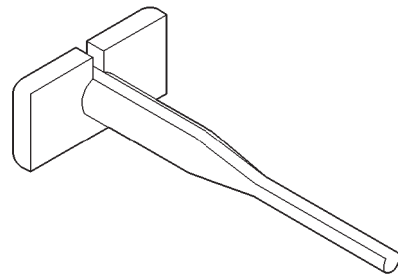
*Probing Tool Package 6807*



*Terminal Pick 6680*



*Terminal Removing Tool 6932*



*Terminal Removing Tool 6934*



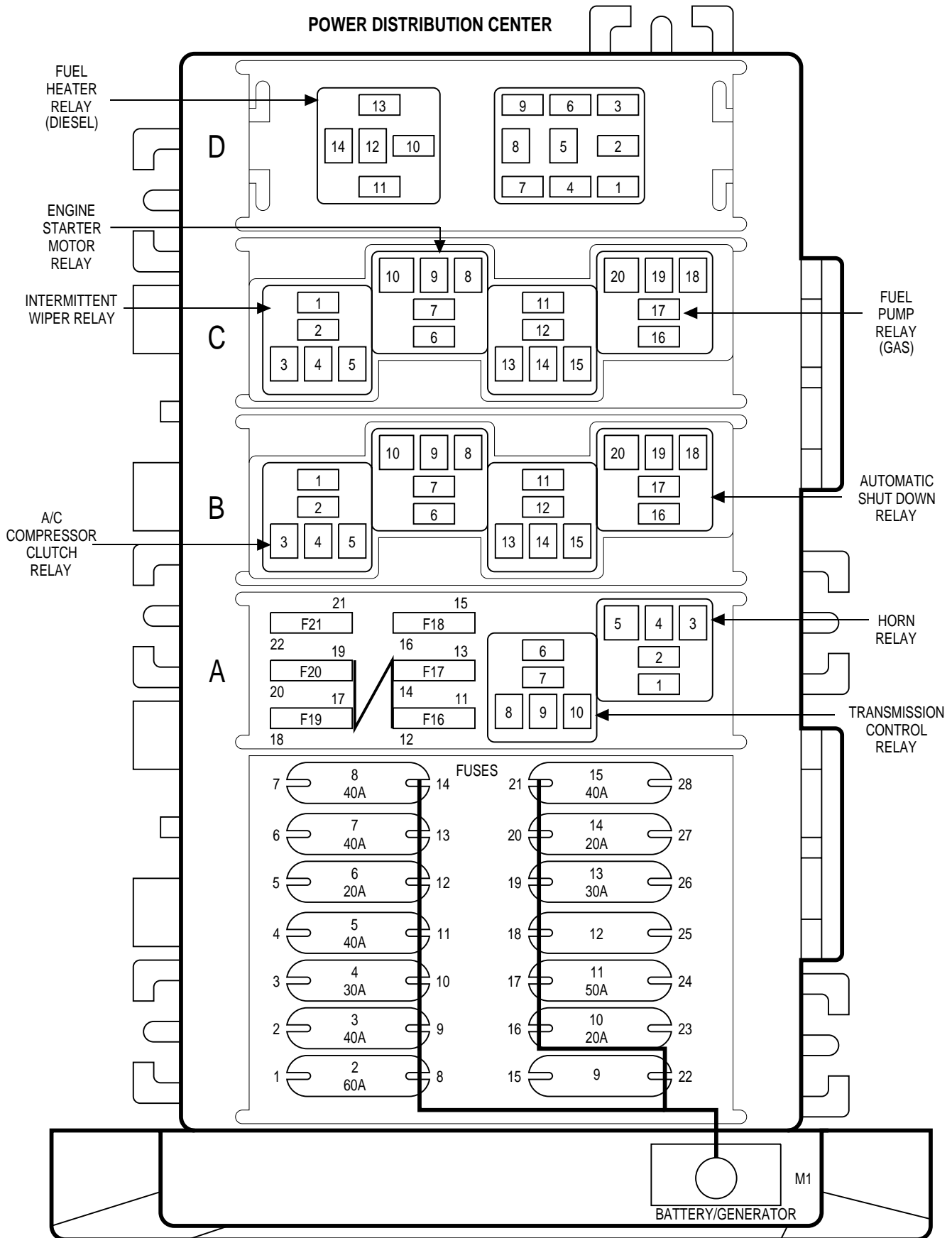
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Fuel Injector No. 8 . . . . .	8W-10-21	Ignition Coil . . . . .	8W-10-21
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Fuel Pump Relay. . . . .	8W-10-17, 19	Ignition Switch . . . . .	8W-10-10, 11, 12, 13
Fuse 1 (JB) . . . . .	8W-10-13	Junction Block . . . . .	8W-10-8, 12, 13, 14, 15, 16, 17, 18
Fuse 2 (JB) . . . . .	8W-10-13	Leak Detection Pump . . . . .	8W-10-19
Fuse 2 (PDC) . . . . .	8W-10-7, 9	Left Fog Lamp. . . . .	8W-10-17, 28
Fuse 3 (JB) . . . . .	8W-10-13	Low Speed Cooling Fan Relay. . . . .	8W-10-9
Fuse 3 (PDC) . . . . .	8W-10-7, 8	Mass Air Flow Module . . . . .	8W-10-23
Fuse 4 (JB) . . . . .	8W-10-12	MSA Controller . . . . .	8W-10-19, 22, 23
Fuse 4 (PDC) . . . . .	8W-10-7, -22	Power Distribution Center . . . . .	8W-10-7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 22
Fuse 5 (JB) . . . . .	8W-10-12	Powertrain Control Module . . . . .	8W-10-18, 19, 20, 23
Fuse 5 (PDC) . . . . .	8W-10-7, 9	Rear Fog Lamp Relay . . . . .	8W-10-13
Fuse 6 (JB) . . . . .	8W-10-12	Rear Window Defogger . . . . .	8W-10-8
Fuse 6 (PDC) . . . . .	8W-10-7, 9	Rear Window Defogger Relay . . . . .	8W-10-8
Fuse 7 (JB) . . . . .	8W-10-14	Right Fog Lamp . . . . .	8W-10-17, 18
Fuse 7 (PDC). . . . .	8W-10-7, 10	Transmission Control Relay . . . . .	8W-10-17
Fuse 8 (JB) . . . . .	8W-10-14	Transmission Solenoid Assembly. . . . .	8W-10-17
Fuse 8 (PDC). . . . .	8W-10-7, 10, 11	Upstream Heated Oxygen Sensor . . . . .	8W-10-21
Fuse 9 (JB) . . . . .	8W-10-14		
Fuse 10 (JB) . . . . .	8W-10-8		



## FUSES

FUSE NO.	AMPS	FUSED CIRCUIT	FEED CIRCUIT
1	-	-	-
2 ■	60	F143 10LG/RD	A0 6RD
3	40	A900 12OR/YL	A0 6RD
		A900 16OR/YL	
4 **	30	A12 12RD/TN	A0 6RD
5	40	A10 12RD/DB	A0 6RD
6	20	F31 16VT	A0 6RD
7	40	A19 12RD/VT	A0 6RD
8	40	A1 12RD/WT	A0 6RD
		A1 12RD/WT	
9	-	-	SPARE
10	20	F61 16WT/OR	A0 6RD
11	50	A250 10RD	A0 6RD
12	-	-	SPARE
13	30	A6 14RD/LB	A0 6RD
		A6 14RD/LB •	
14	20	A20 14RD/LG	A0 6RD
15	40	A7 12YL/RD	A0 6RD
16 *	20	A61 16DG/BK	A0 6RD
16 **	15	F6 18WT/RD	A0 6RD
17	15	F92 18LG	A0 6RD
18	15	F99 18OR	A21 12DB/GY
19	20	F62 18RD	A0 6RD
20 *	20	F5 14RD/YL	A0 6RD
20 **	25	F5 16RD/YL	A0 6RD
21	15	F250 18RD/GY	A900 16OR/YL

\* GAS

\*\* DIESEL

• DRL

■ MAX COOLING

**A/C  
COMPRESSOR  
CLUTCH  
RELAY**

CAV	CIRCUIT	FUNCTION
B1	F250 18RD/GY	FUSED B(+)
B2	C2 18DB/YL	A/C COMPRESSOR CLUTCH RELAY OUTPUT
B3 *	F99 20OR	FUSED IGNITION SWITCH OUPUT (ST-RUN)
B3 **	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
B4	-	-
B5 *	C13 18DB/RD	A/C COMPRESSOR CLUTCH RELAY CONTROL
B5 **	C13 18DB/BK	A/C COMPRESSOR CLUTCH RELAY CONTROL

**AUTOMATIC  
SHUT DOWN  
RELAY**

CAV	CIRCUIT	FUNCTION
B16 *	F5 18RD/YL	FUSED B(+)
B16 **	F5 16RD/YL	FUSED B(+)
	F5 16RD/YL	FUSED B(+)
B17 *	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
B17 **	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
B18 *	F99 20OR	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
B18 **	F5 16RD/YL	FUSED B(+)
B19	-	-
B20 *	K900 18PK/WT	AUTOMATIC SHUT DOWN RELAY CONTROL
B20 **	K900 20PK/BK	AUTOMATIC SHUT DOWN RELAY CONTROL

\* GAS  
\*\* DIESEL



ENGINE  
STARTER  
MOTOR  
RELAY

CAV	CIRCUIT	FUNCTION
C6	A1 12RD/WT	FUSED B(+)
C7	T40 12LG/BK	ENGINE STARTER MOTOR RELAY OUTPUT
C8	T141 14YL/RD	FUSED IGNITION (ST)
C9	-	-
C10	T41 20BK/WT *	PARK NEUTRAL POSITION SWITCH SENSE
C10	Z4 20BK **	GROUND

FUEL  
HEATER  
RELAY  
(DIESEL)

CAV	CIRCUIT	FUNCTION
D10	A12 12RD/TN	FUSED B(+)
D11	Z4 20BK	GROUND
D12	-	-
D13	F99 20OR	FUSED IGNITION (ST-RUN)
D14	A64 14OR/DB	FUEL HEATER RELAY OUTPUT

FUEL  
PUMP  
RELAY  
(GAS)

CAV	CIRCUIT	FUNCTION
C16	A61 16DG/BK	FUSED B(+)
C17	A64 16DG/WT	FUEL PUMP RELAY OUTPUT
C18	F99 20OR	FUSED IGNITION (ST-RUN)
C19	-	-
C20	K81 18DB	FUEL PUMP RELAY CONTROL

\* GAS

\*\* DIESEL

**HORN  
RELAY**

CAV	CIRCUIT	FUNCTION
A1	F31 16VT	FUSED B(+)
A2	X2 16DG/YL	HORN RELAY OUTPUT
A3	F31 16VT	FUSED B(+)
	F31 16VT	FUSED B(+)
A4	-	-
A5	X4 20GY/OR	HORN RELAY CONTROL

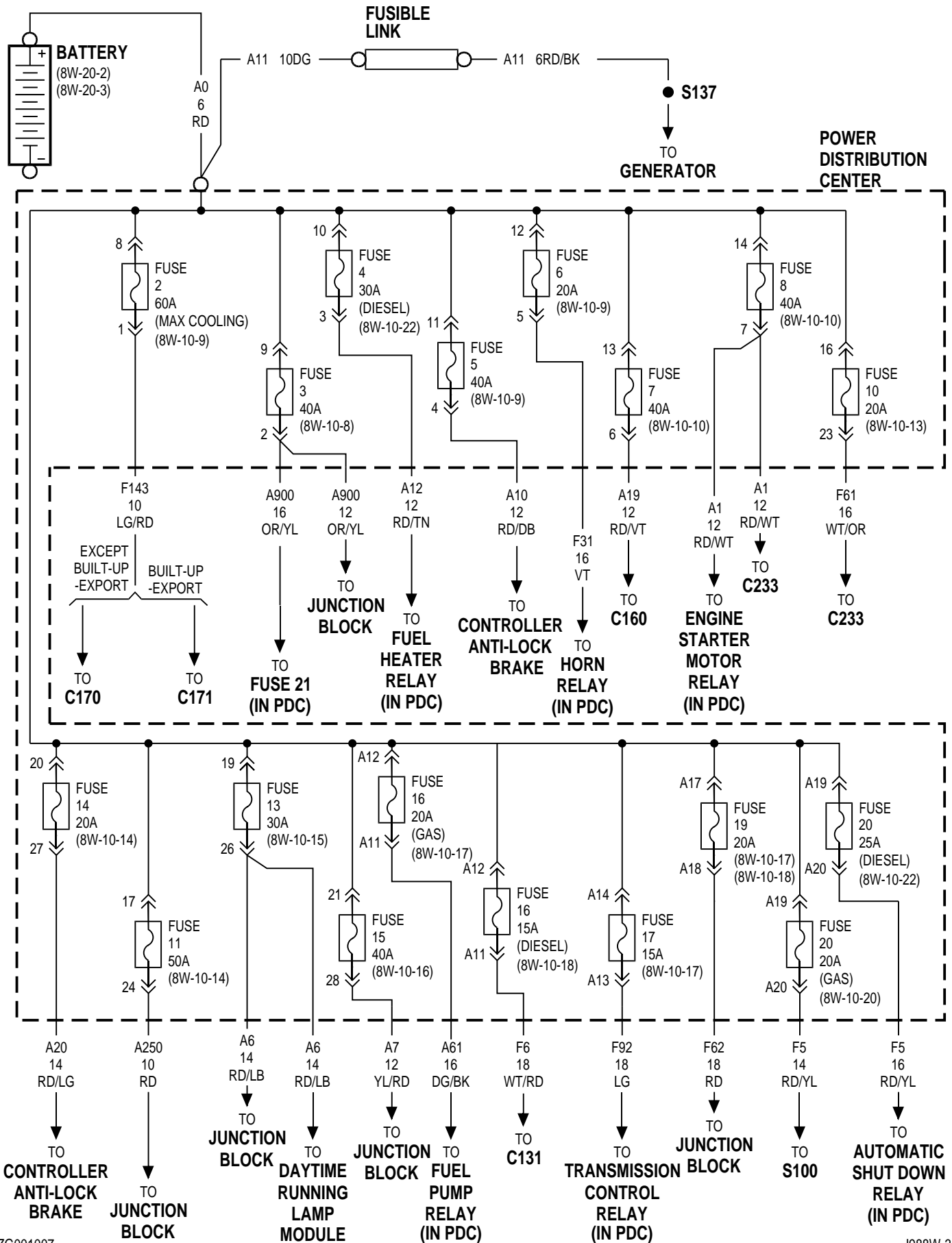
**INTERMITTENT  
WIPER  
RELAY**

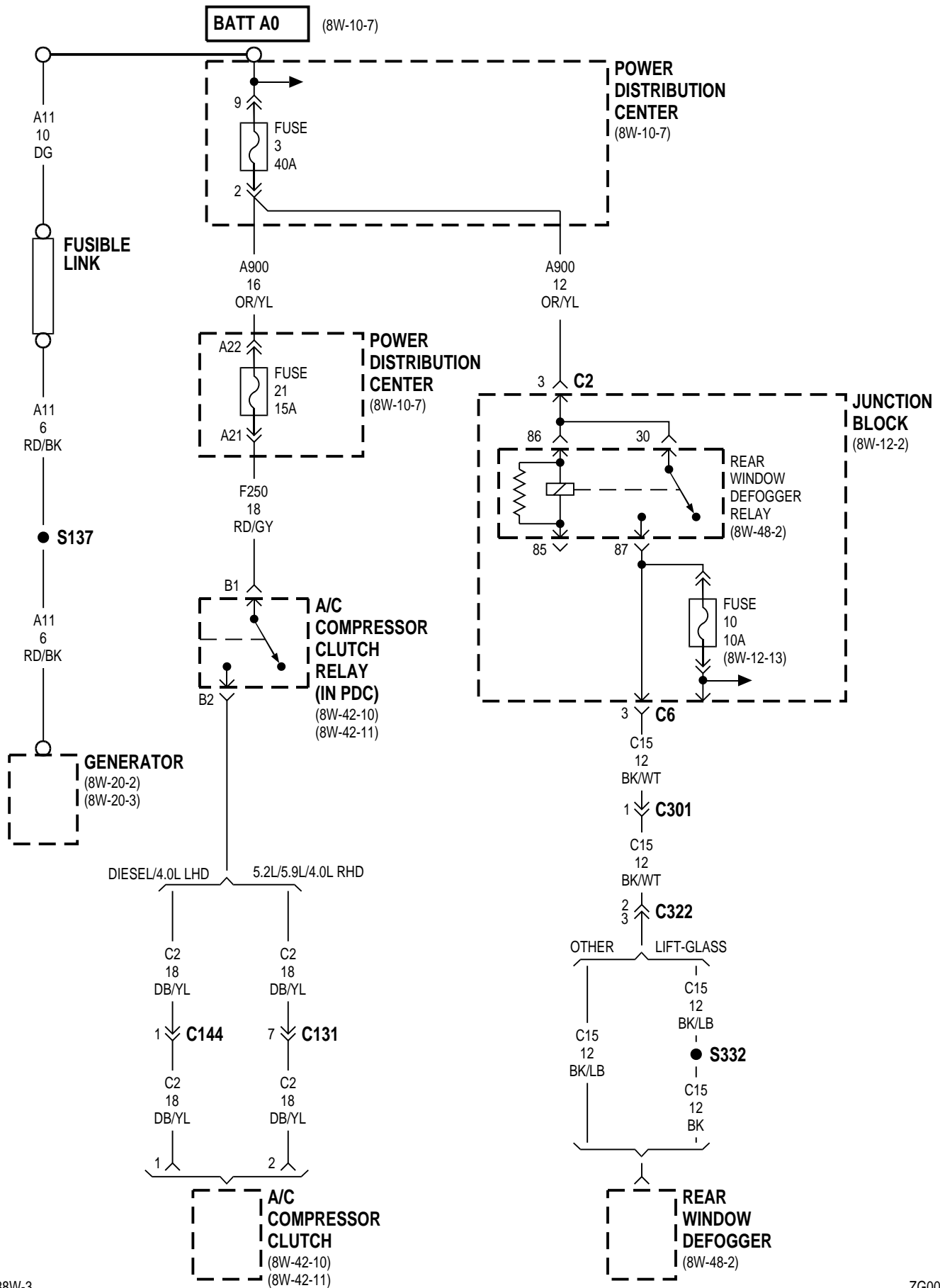
CAV	CIRCUIT	FUNCTION
C1	V6 16DB	WIPER PARK SWITCH SENSE
C2	F86 16LG/RD	FUSED B(+)
	F86 16LG/RD *	FUSED B(+)
C3 *	F86 16LG/RD	FUSED B(+)
C3 **	F86 16LG/BK	FUSED B(+)
C4 *	V66 18VT/WT	WIPER PARK SWITCH SENSE
C4 **	V66 16VT/WT	WIPER PARK SWITCH SENSE
C5	V18 20YL/LG	INTERMITTENT WIPER RELAY CONTROL

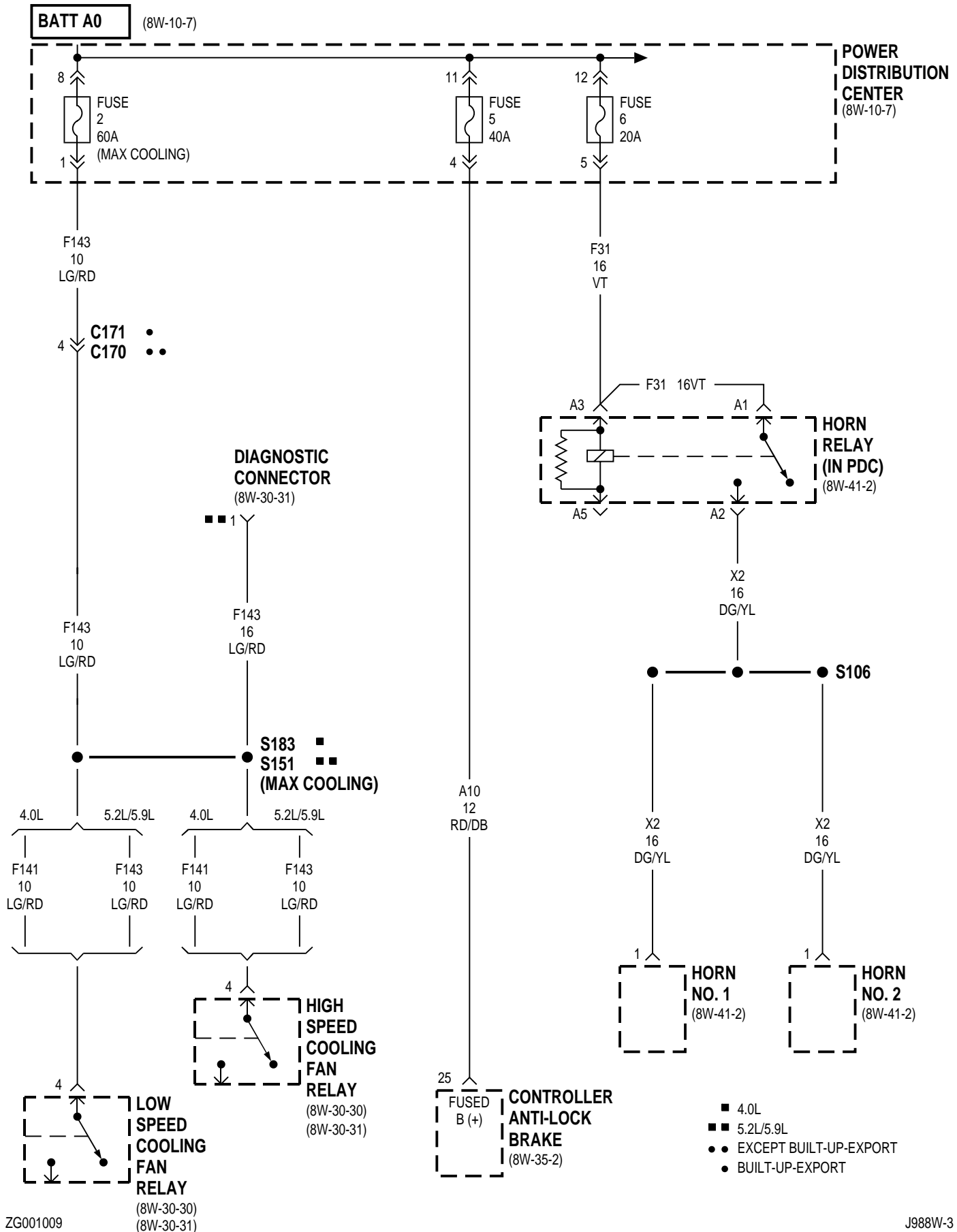
**TRANSMISSION  
CONTROL  
RELAY**

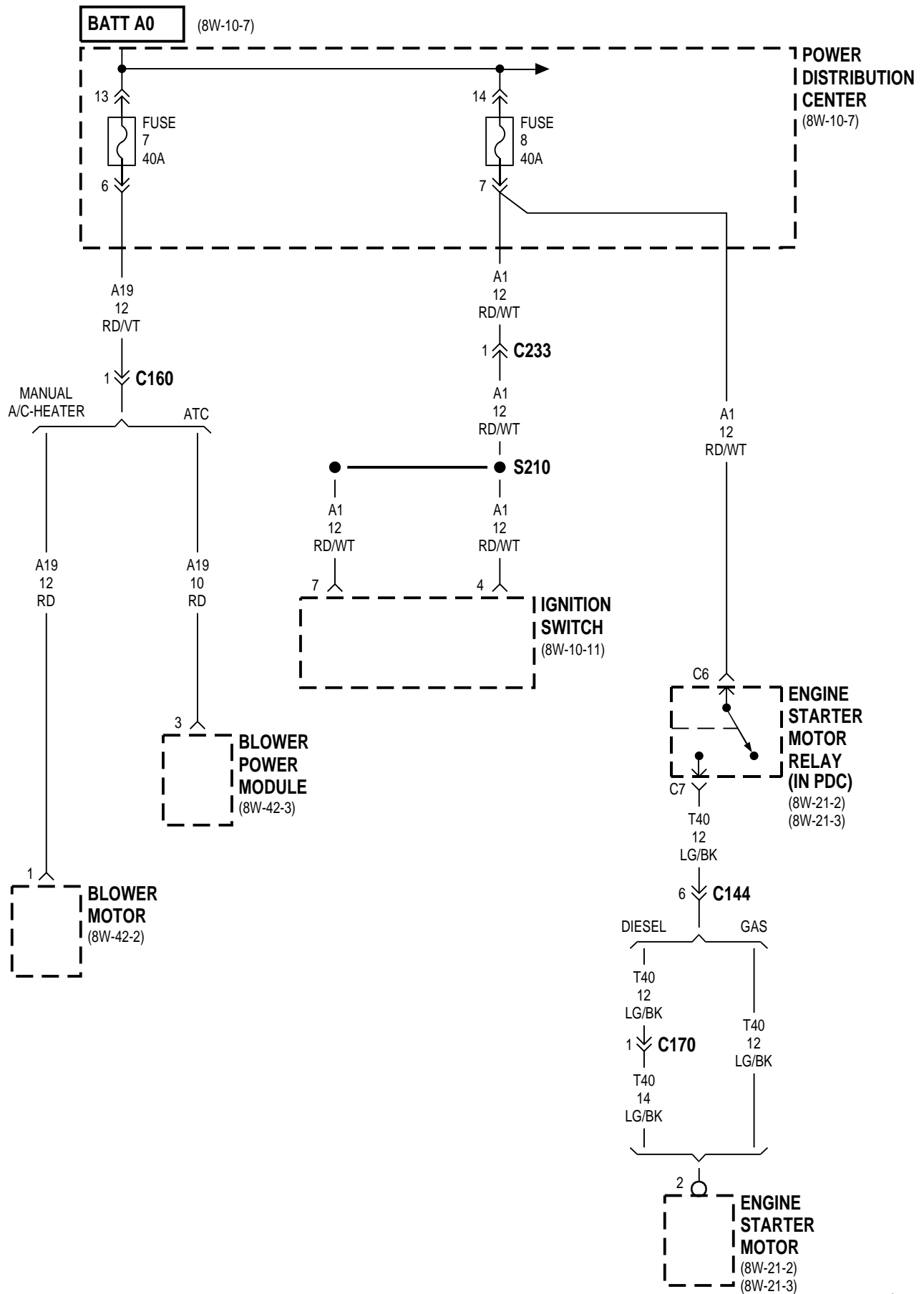
CAV	CIRCUIT	FUNCTION
A6	F92 18LG	FUSED B(+)
A7	T20 18LB	TRANSMISSION CONTROL RELAY OUTPUT
A8	K72 18DG/VT	GENERATOR DRIVER
	K72 18DG/VT	GENERATOR DRIVER
A9	-	-
A10	T66 20BR/OR	TRANSMISSION CONTROL RELAY OUTPUT

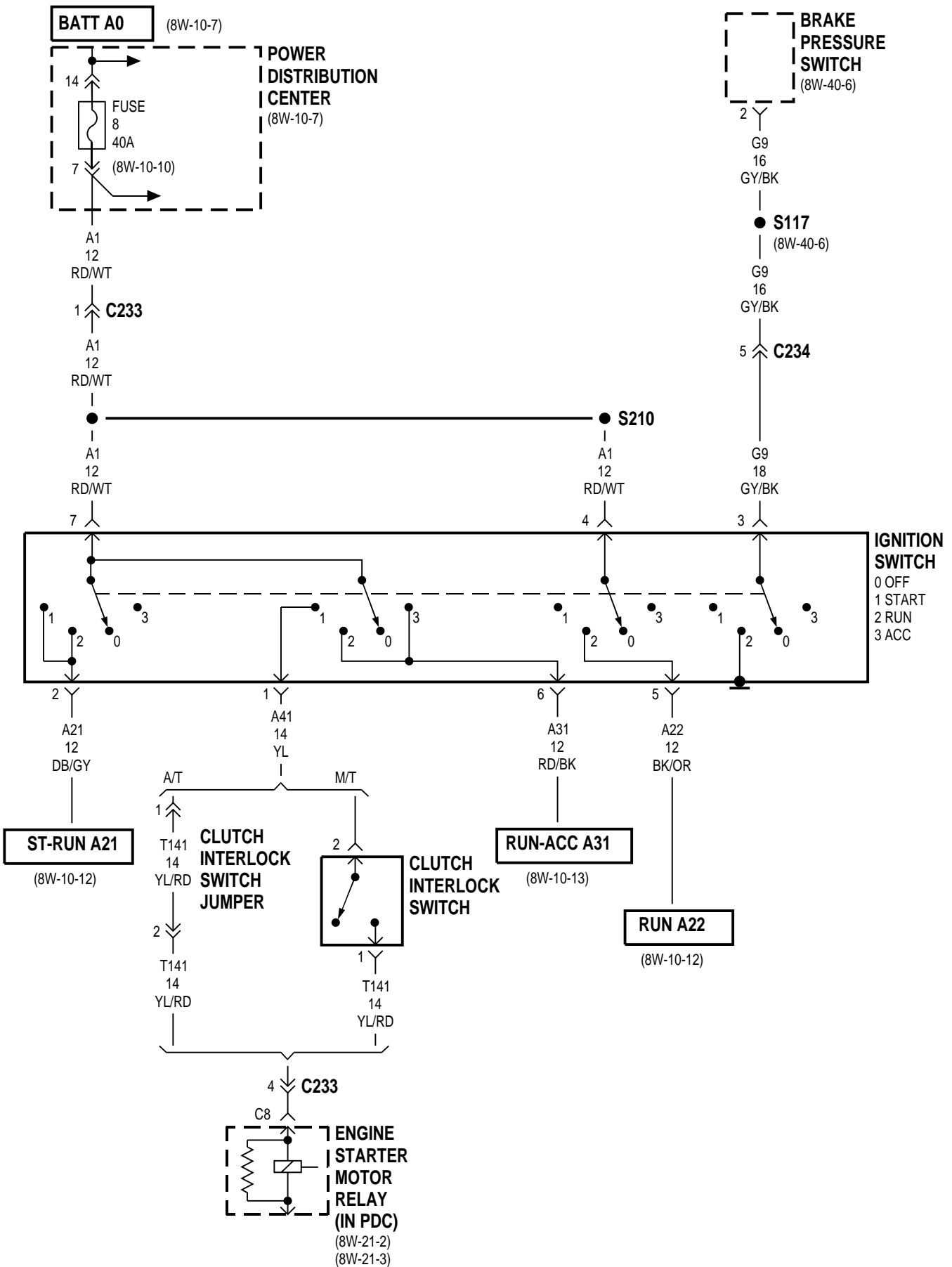
\* GAS  
\*\* DIESEL

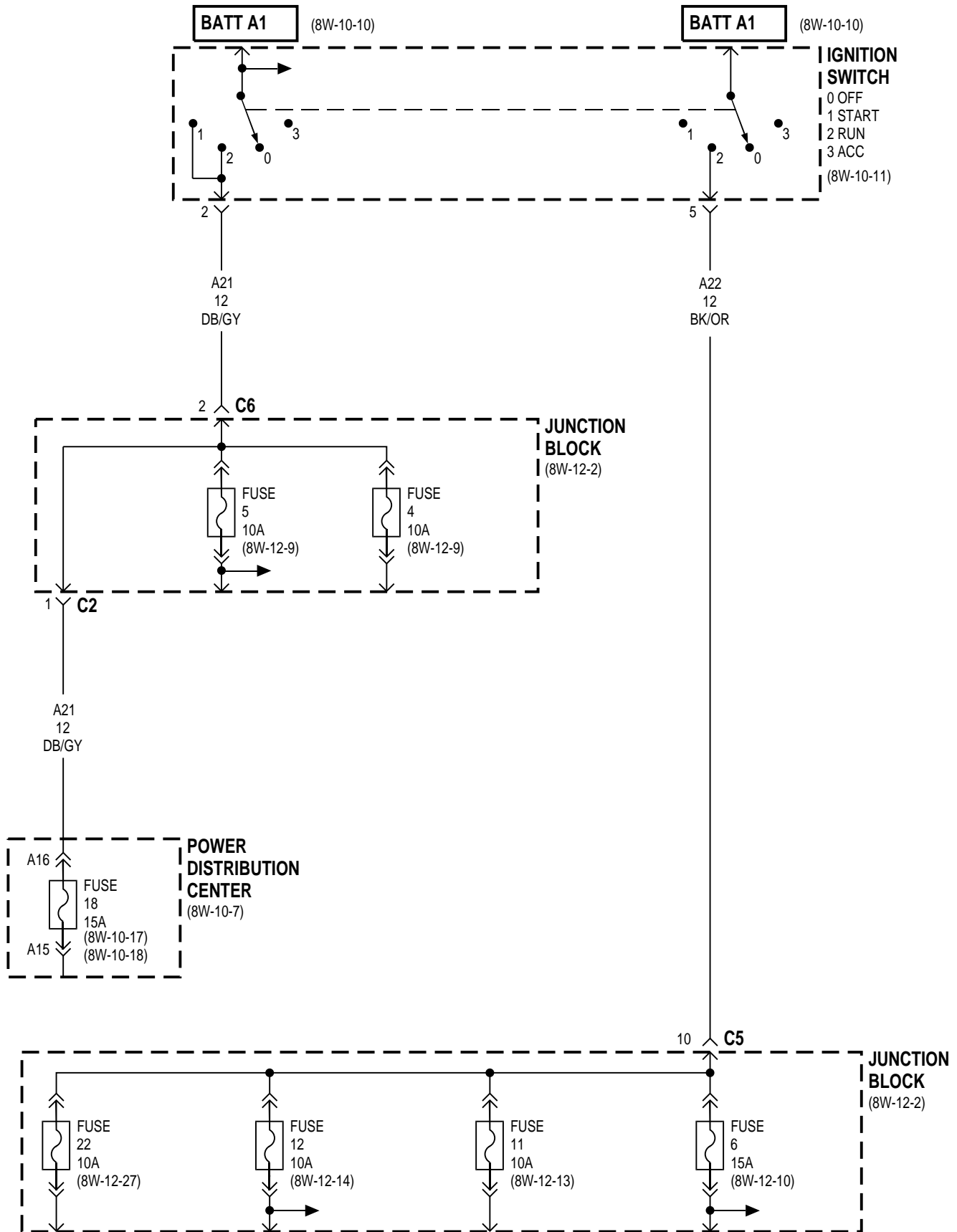




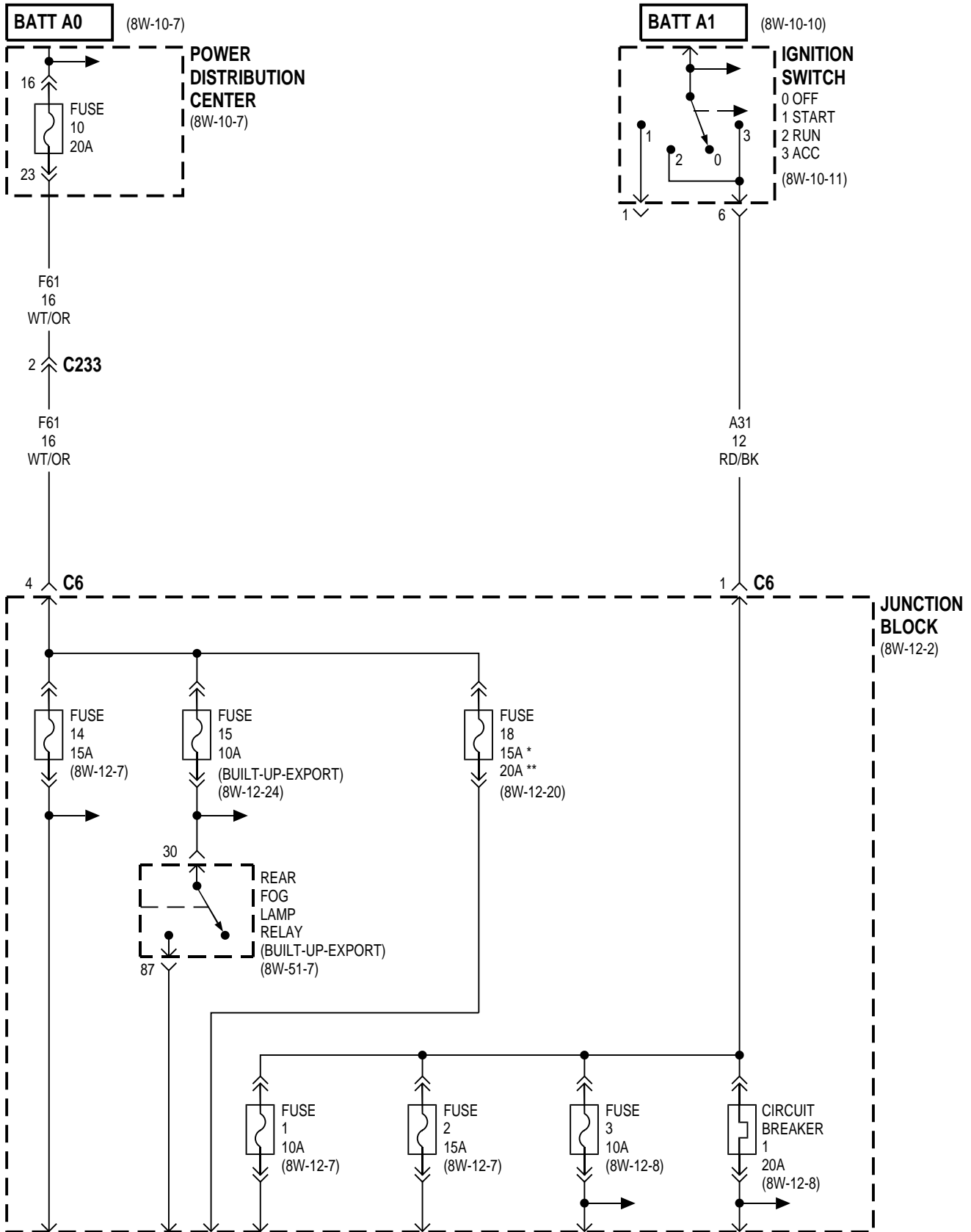




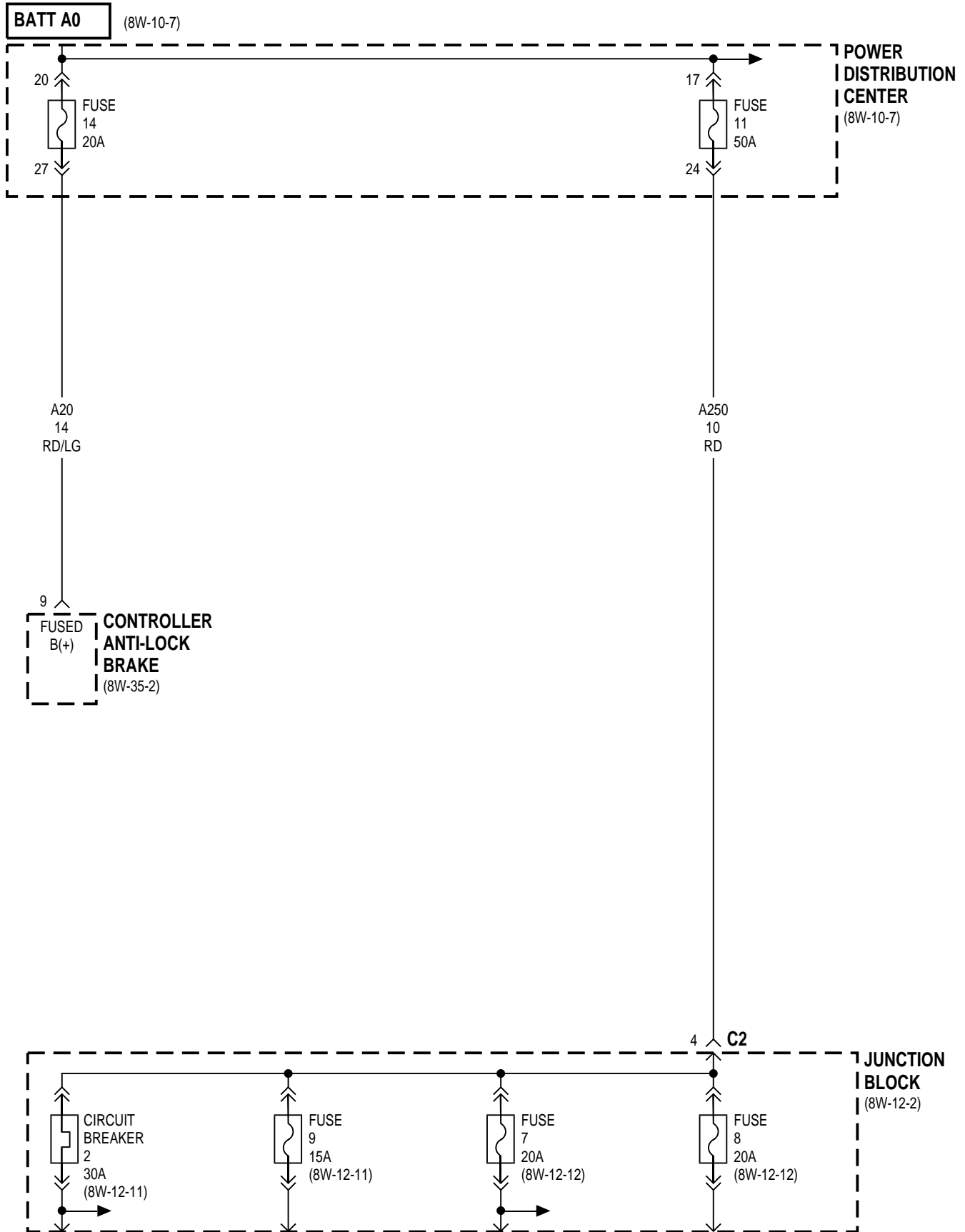


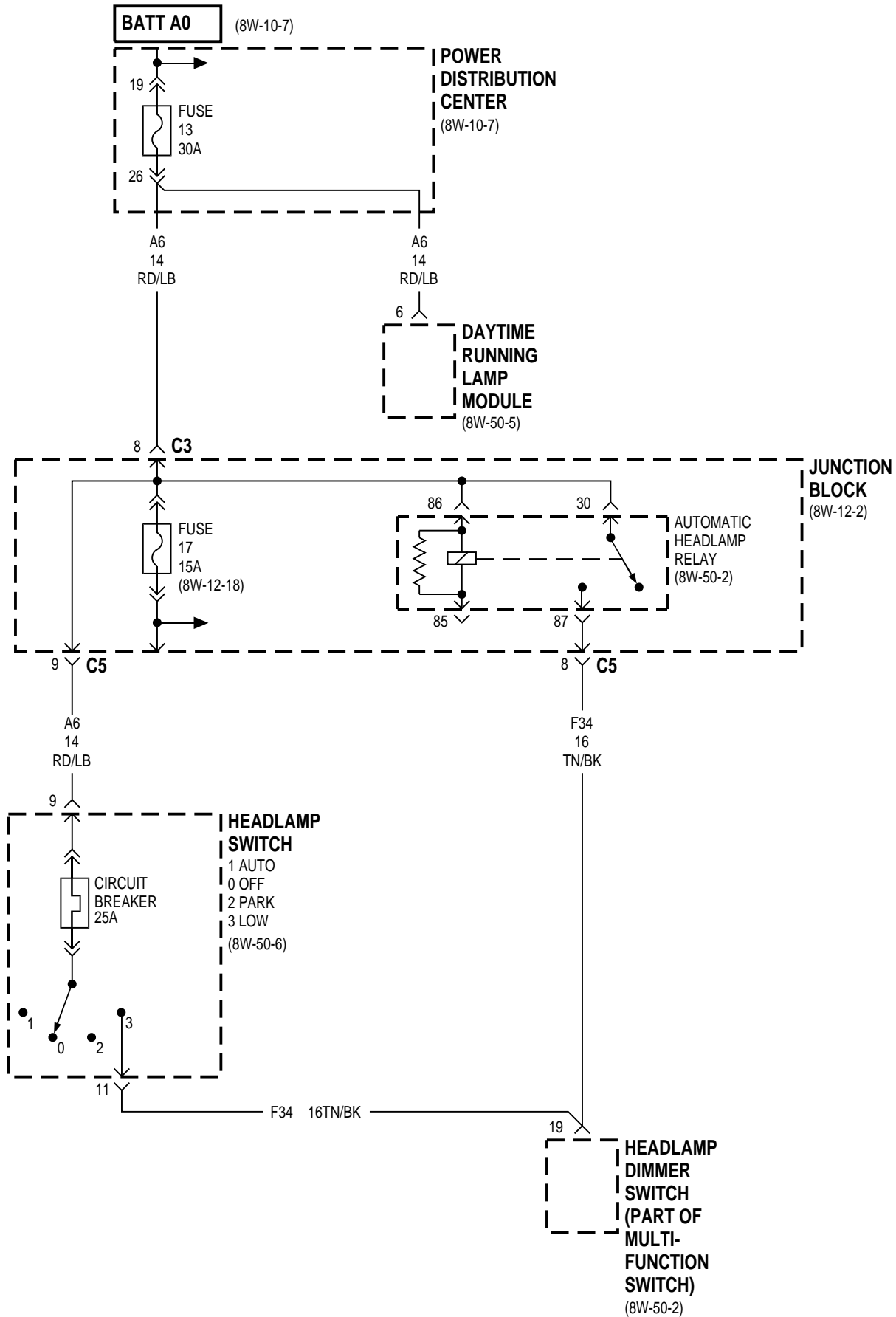


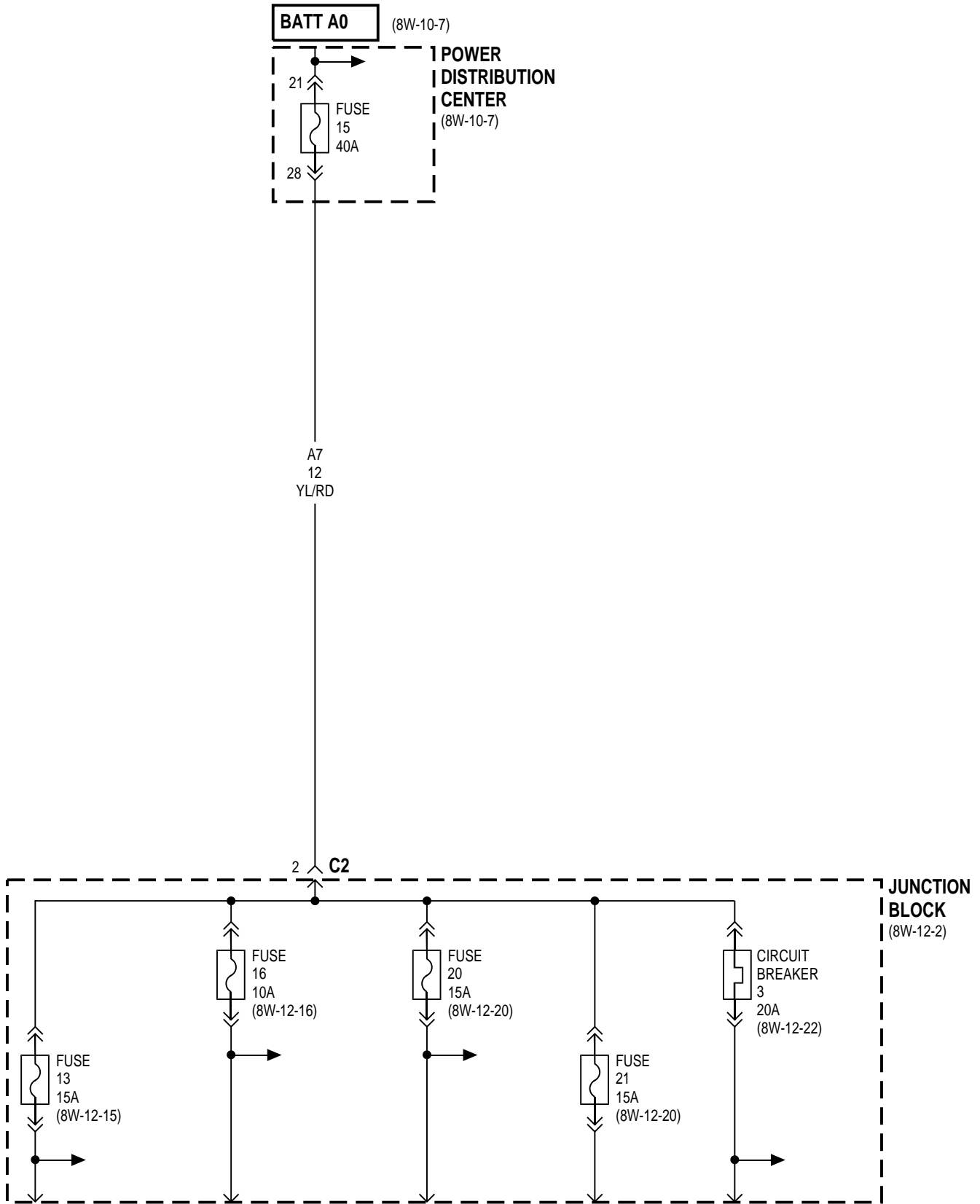




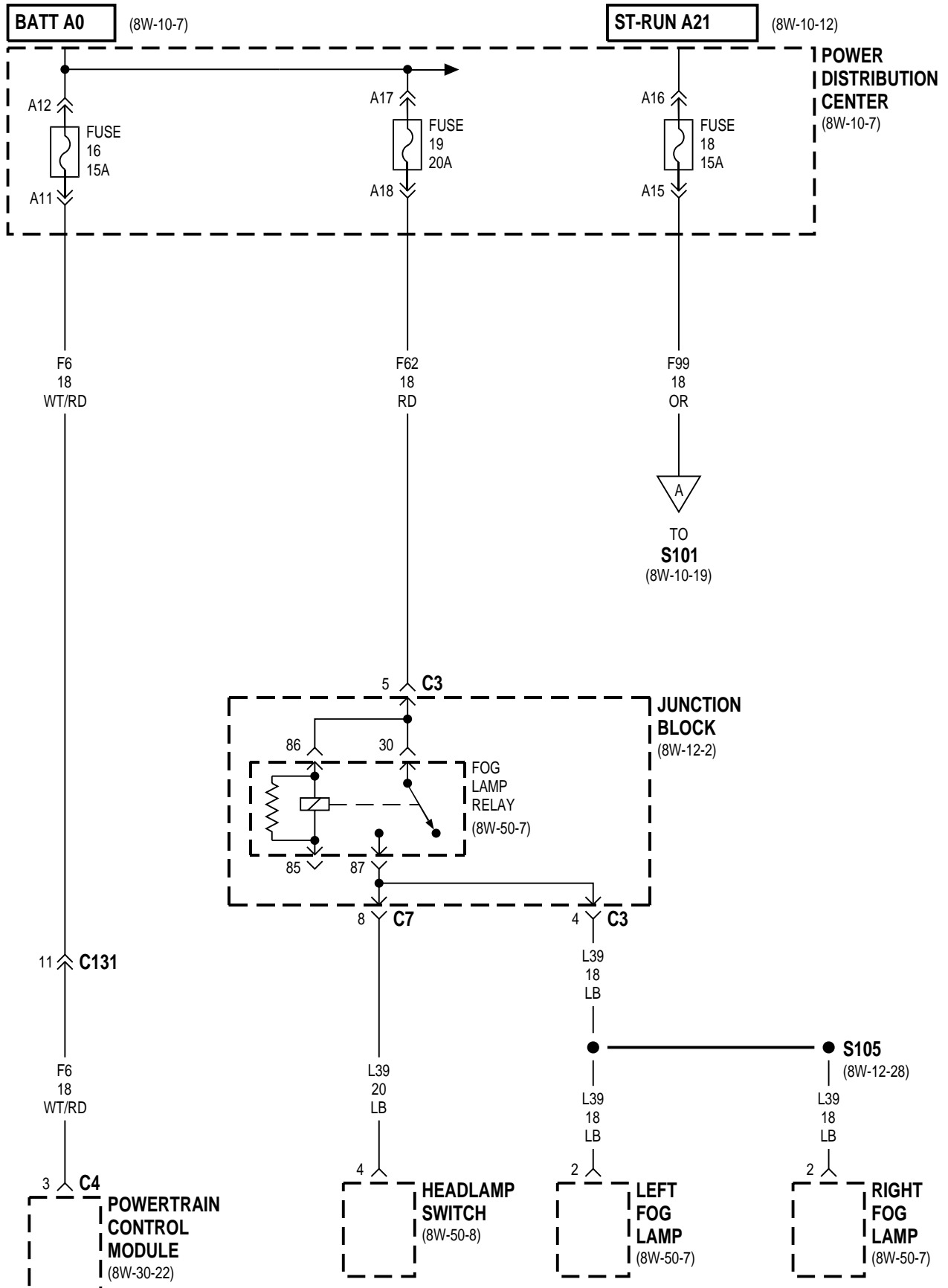
\* GAS  
\*\* DIESEL

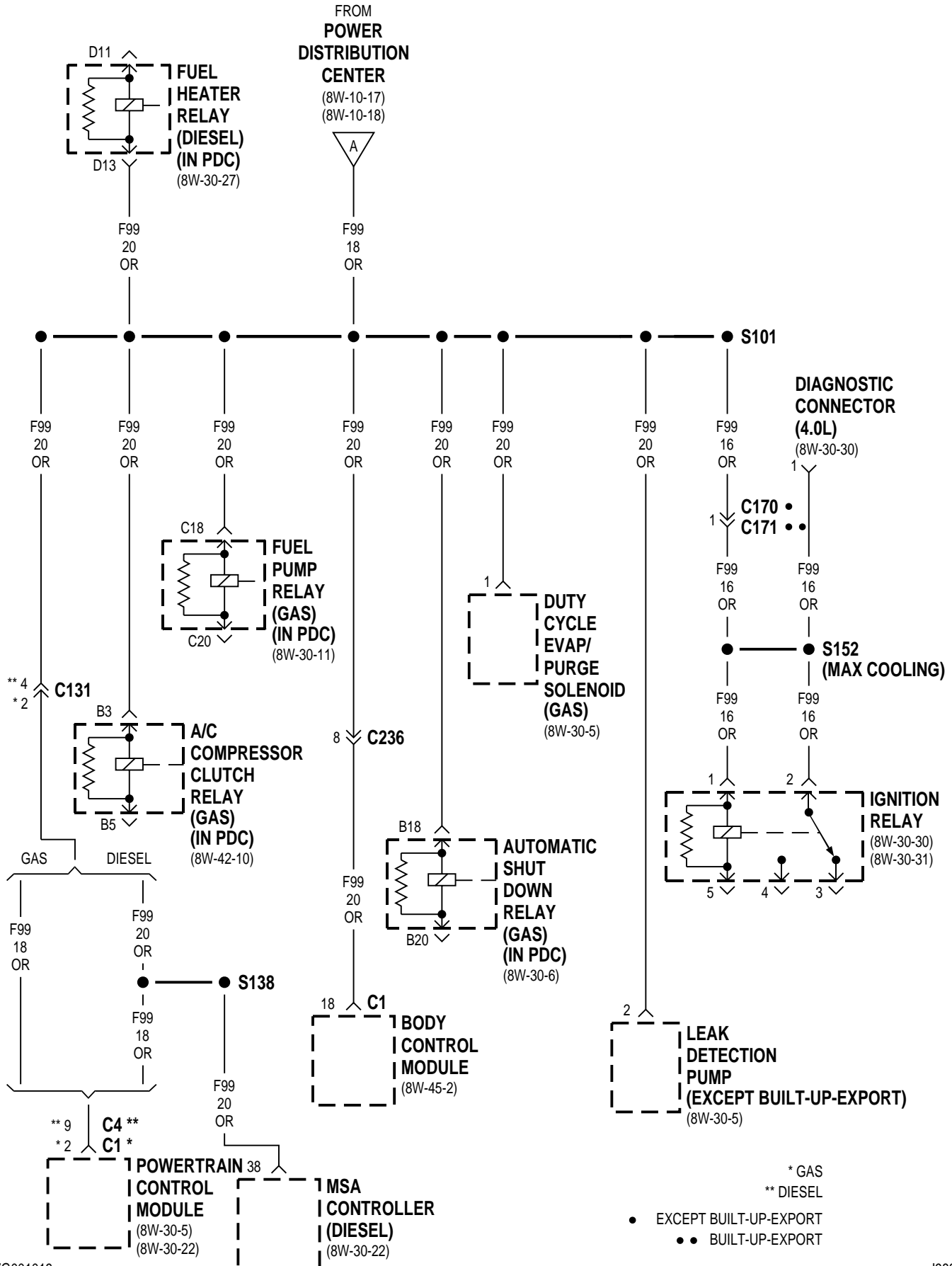


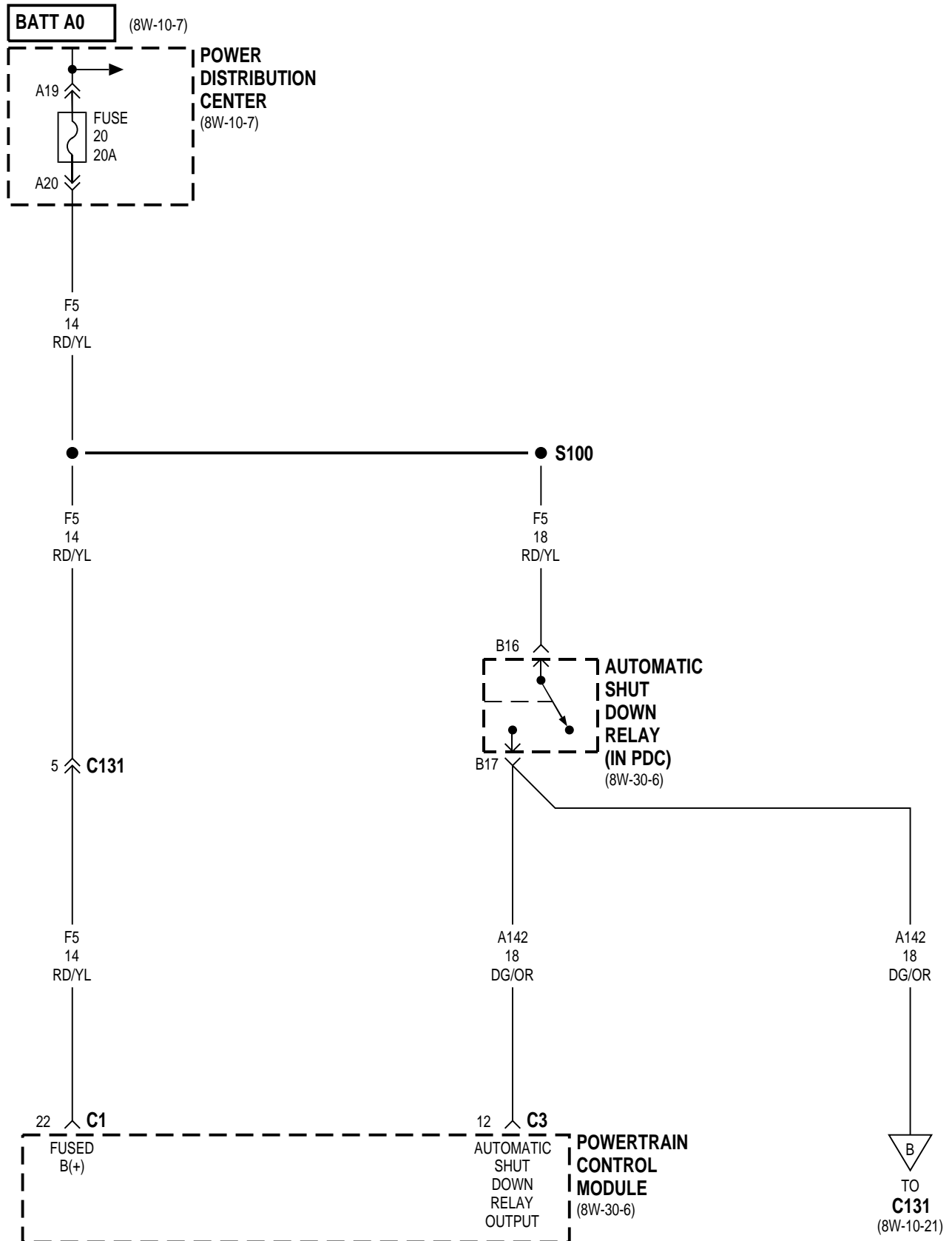






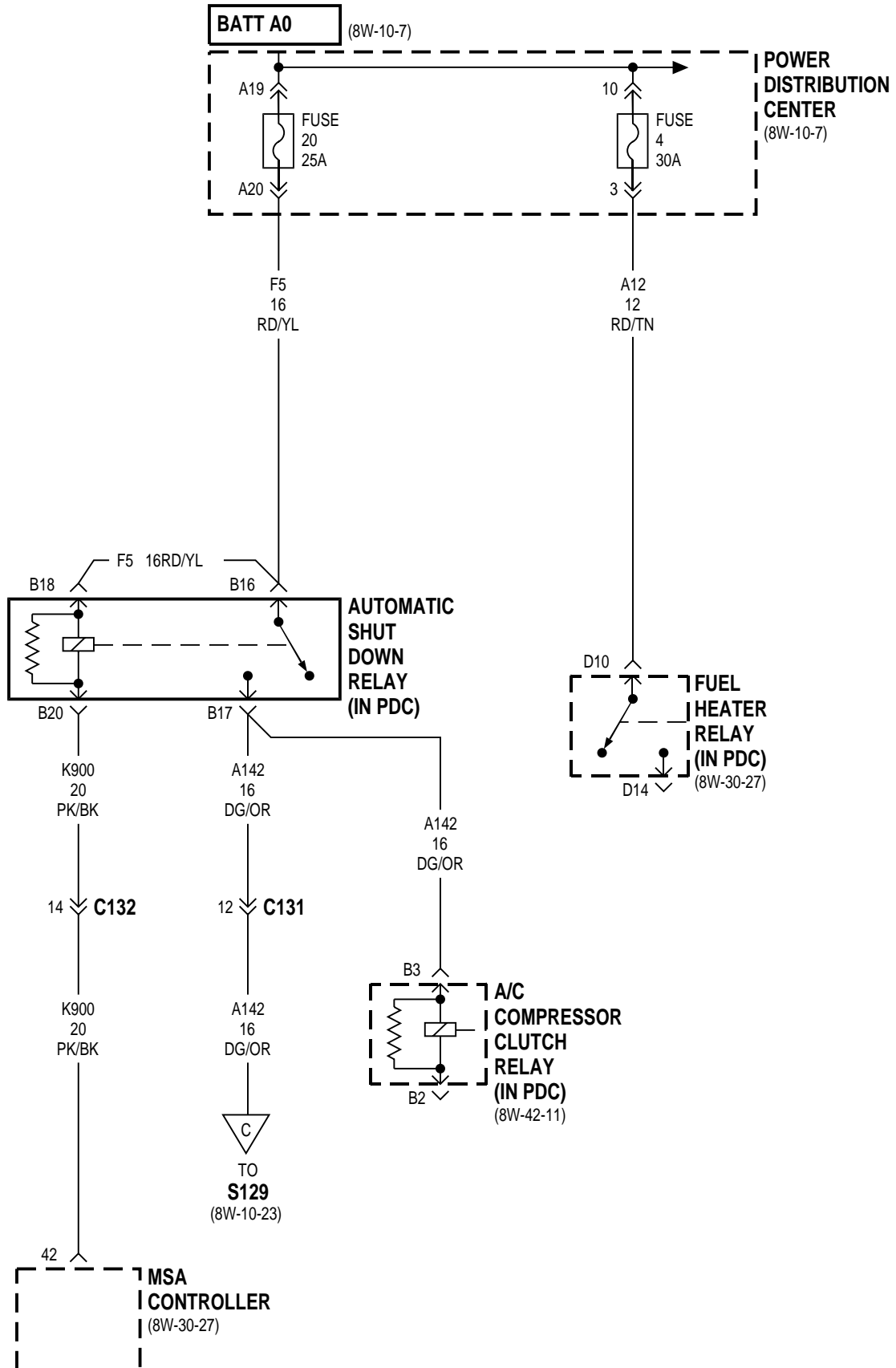


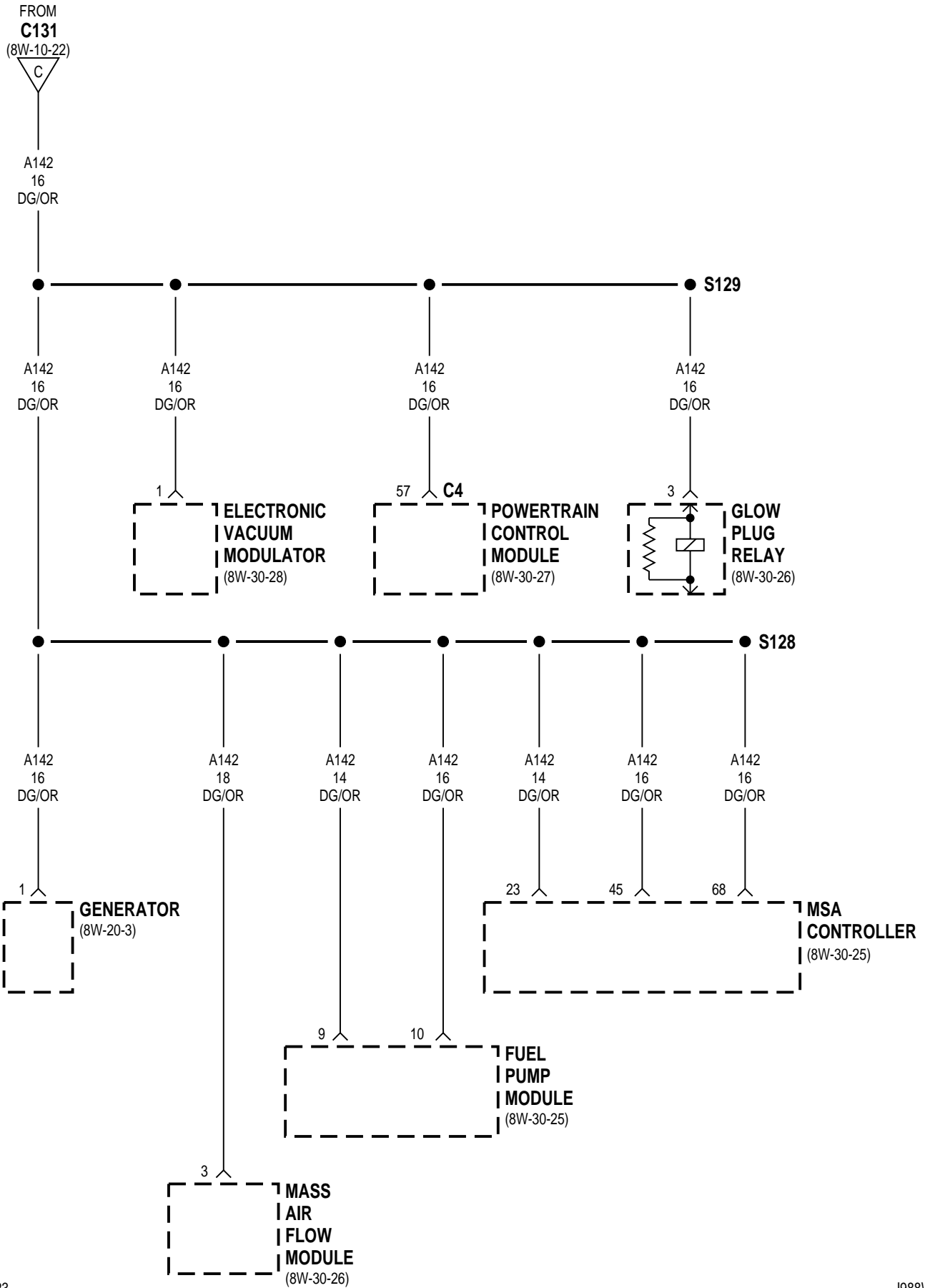










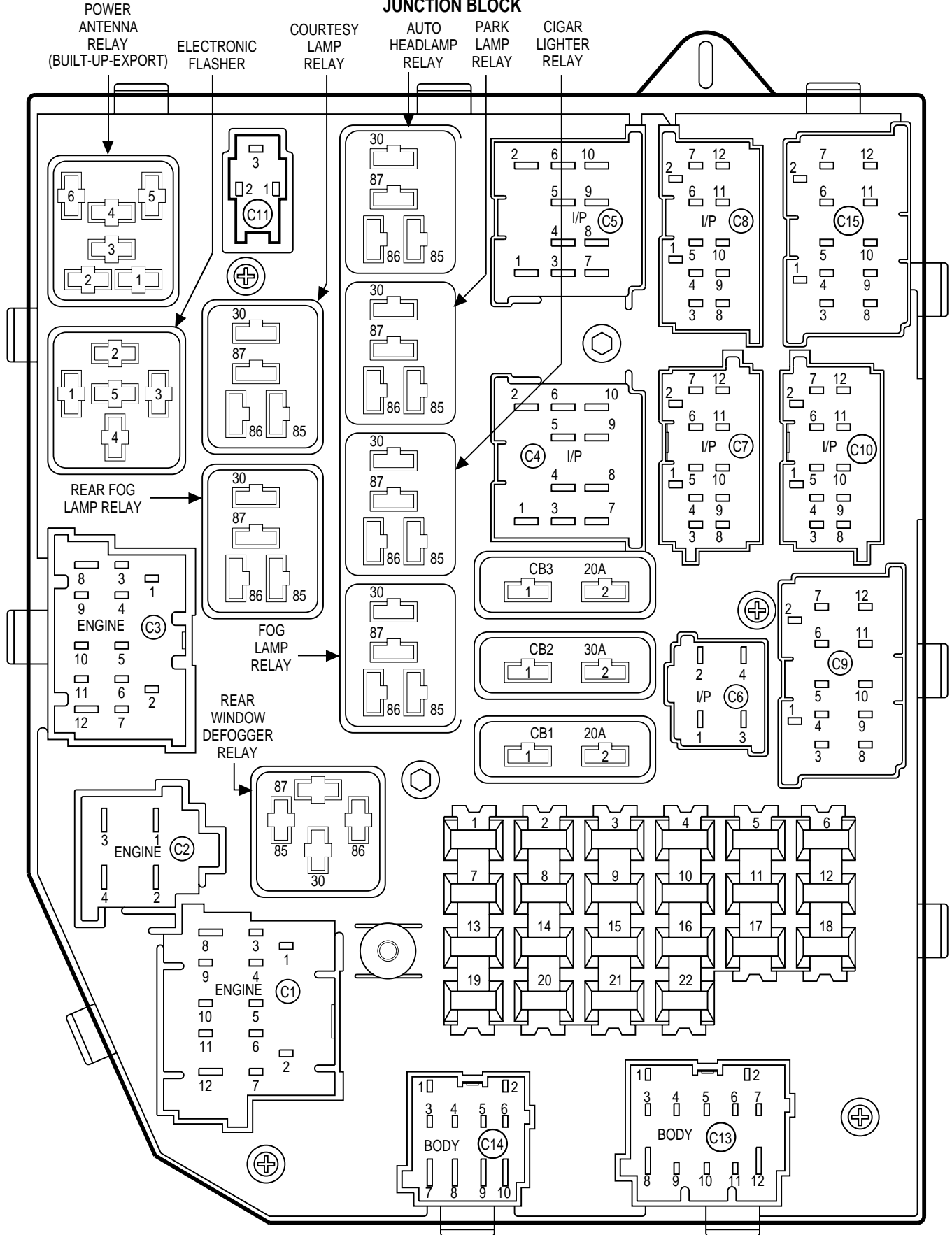




## 8W-12 JUNCTION BLOCK

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Heater Control . . . . .	8W-12-14	Glove Box Lamp . . . . .	8W-12-16
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Driver Door Module . . . . .	8W-12-11	Power Amplifier . . . . .	8W-12-12, 15
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Four Wheel Drive Switch . . . . .	8W-12-23	Rear Window Defogger . . . . .	8W-12-13
Fuse 1 (JB) . . . . .	8W-12-7	Rear Window Defogger Relay . . . . .	8W-12-13
Fuse 2 (JB) . . . . .	8W-12-7	Rear Window Defogger Switch . . . . .	8W-12-13
Fuse 3 (JB) . . . . .	8W-12-8	Rear Wiper Module . . . . .	8W-12-12
Fuse 4 (JB) . . . . .	8W-12-9	Rear Wiper/Washer Switch . . . . .	8W-12-8
Fuse 5 (JB) . . . . .	8W-12-9	Recirculation Door Actuator . . . . .	8W-12-14
Fuse 6 (JB) . . . . .	8W-12-10	Right Back-Up Lamp . . . . .	8W-12-21
Fuse 7 (JB) . . . . .	8W-12-12	Right Courtesy Lamp . . . . .	8W-12-16, 26
Fuse 8 (JB) . . . . .	8W-12-12	Right Fog Lamp . . . . .	8W-12-28
Fuse 9 (JB) . . . . .	8W-12-11	Right Front Turn Signal Lamp . . . . .	8W-12-21
Fuse 10 (JB) . . . . .	8W-12-13	Right Side Repeater . . . . .	8W-12-21
Fuse 11 (JB) . . . . .	8W-12-13	Right Visor/Vanity Lamp . . . . .	8W-12-17, 25
Fuse 12 (JB) . . . . .	8W-12-14	Shift Interlock . . . . .	8W-12-9
Fuse 13 (JB) . . . . .	8W-12-15	Stop Lamp Switch . . . . .	8W-12-11
Fuse 14 (JB) . . . . .	8W-12-7	Sunroof Control Module . . . . .	8W-12-9, 25
Fuse 15 (JB) . . . . .	8W-12-24	Sunroof Switch . . . . .	8W-12-9
Fuse 16 (JB) . . . . .	8W-12-16	Switch Pod . . . . .	8W-12-14
Fuse 17 (JB) . . . . .	8W-12-18	Trailer Tow Circuit Breaker . . . . .	8W-12-12
Fuse 18 (JB) . . . . .	8W-12-20	Turn Signal/Hazard Warning Switch . . . . .	8W-12-15, 21
Fuse 18 (PDC) . . . . .	8W-12-9	Underhood Lamp . . . . .	8W-12-16
Fuse 20 (JB) . . . . .	8W-12-20	Vehicle Information Center/ Graphic Display Module . . . . .	8W-12-10, 15, 19, 20, 23
Fuse 21 (JB) . . . . .	8W-12-20	Windshield Wiper Motor . . . . .	8W-12-8
Fuse 22 (JB) . . . . .	8W-12-27		
G303 . . . . .	8W-12-15, 26		

TOP OF  
JUNCTION BLOCK



## FUSES

FUSE NO.	AMPS	FUSED CIRCUIT	FEED CIRCUIT
1	10A	X12 18RD/GY	INTERNAL
2	15A	A31 18RD/BK	INTERNAL
3	10A	INTERNAL	INTERNAL
4	10A	G5 18DB/WT	INTERNAL
5	10A	INTERNAL	INTERNAL
6	15A	INTERNAL	INTERNAL
7	20A	INTERNAL	INTERNAL
8	20A	F70 14PK/BK	INTERNAL
9	15A	L16 18RD/LG	INTERNAL
10	10A	INTERNAL	INTERNAL
11 *	10A	F12 18DB/WT	INTERNAL
11 **	10A	F12 20DB/WT	INTERNAL
12	10A	INTERNAL	INTERNAL
13	15A	INTERNAL	INTERNAL
14	15A	INTERNAL	INTERNAL
15 •	10A	INTERNAL	INTERNAL
16	10A	INTERNAL	INTERNAL
17	15A	INTERNAL	INTERNAL
18 *	15A	L11 16LG/BK	INTERNAL
18 **	20A	L11 16LG/BK	INTERNAL
19	-	-	-
20	15A	INTERNAL	INTERNAL
21	15A	F38 18OR	INTERNAL
22	10A	F20 18WT	INTERNAL

\* GAS

\*\* DIESEL

• BUILT-UP-EXPORT

## CIRCUIT BREAKERS

CIRCUIT BREAKER	AMPS	FUSED CIRCUIT	FEED CIRCUIT
1	20A	INTERNAL	INTERNAL
2	30A	INTERNAL	INTERNAL
3	20A	INTERNAL	INTERNAL

ELECTRONIC  
FLASHER

CAVITY	CIRCUIT	FUNCTION
1	INTERNAL	FUSED B(+)
2	L5 18OR/BK	TURN SIGNAL
3	INTERNAL	GROUND
4	INTERNAL	FUSED IGNITION (RUN)
5	L12 18VT/TN	HAZARD SIGNAL

AUTOMATIC  
HEADLAMP  
RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	714 20BK/OR	AUTOMATIC HEADLAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	F34 16TN/BK	AUTOMATIC HEADLAMP RELAY OUTPUT



**CIGAR  
LIGHTER  
RELAY**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	Z1 18BK	GROUND
86	A31 18RD/BK	FUSED IGNITION SWITCH OUPUT (RUN-ACC)
87	F30 18RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)

**COURTESY  
LAMP  
RELAY**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	COURTESY LAMP RELAY OUTPUT
85	M112 20BR/LG	COURTESY LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	GROUND

**FOG  
LAMP  
RELAY**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	L95 20DG/YL	FOG LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FOG LAMP RELAY OUTPUT

**PARK  
LAMP  
RELAY**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	L79 20TN	PARK LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	PARK LAMP RELAY OUTPUT

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

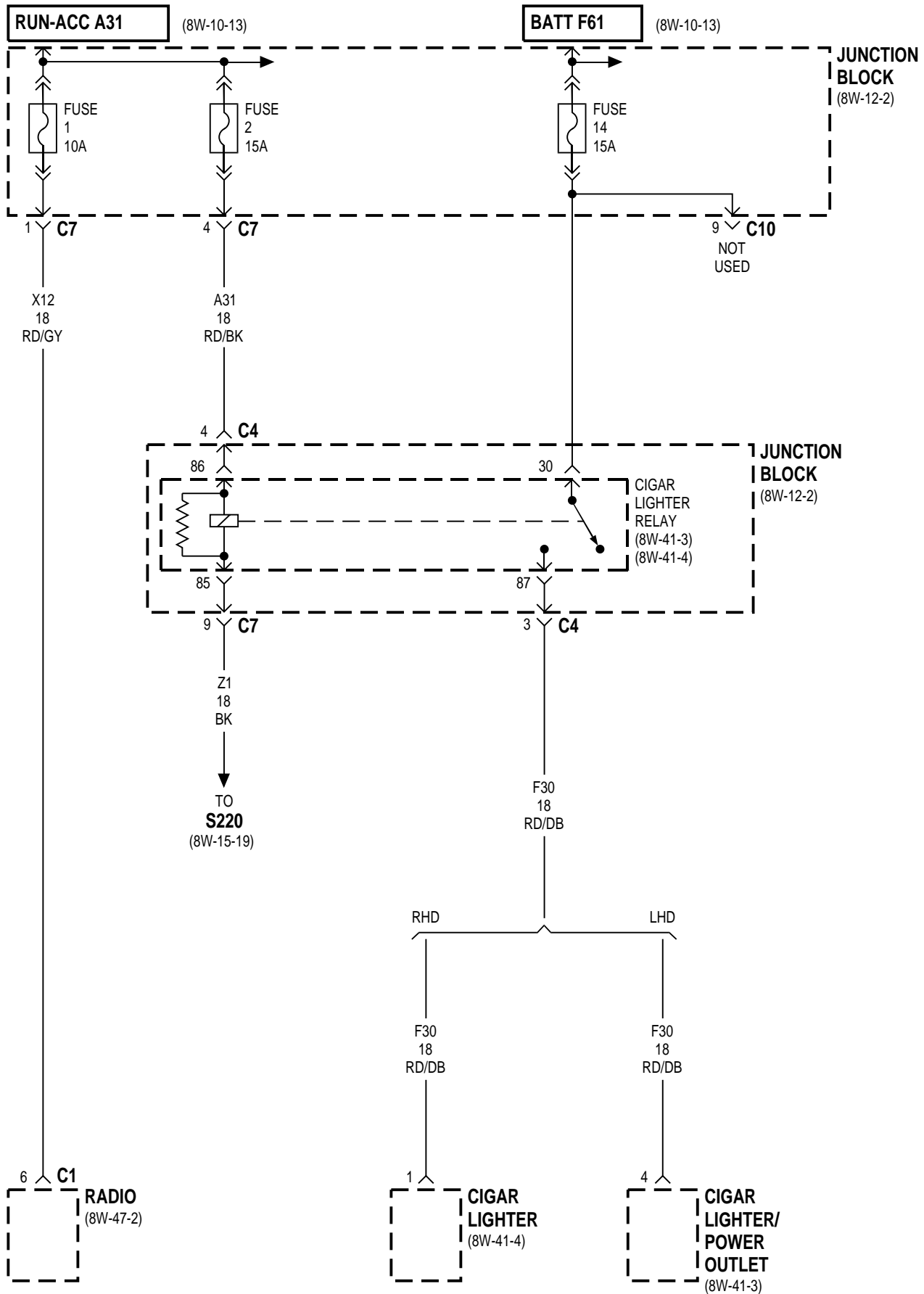
CAVITY	CIRCUIT	FUNCTION
1	INTERNAL	FUSED B(+)
2	INTERNAL	GROUND
3	INTERNAL	RADIO 12 VOLT OUTPUT
4	X16 20GY	POWER ANTENNA DRIVER
5	X14 20WT	POWER ANTENNA DOWN CONTROL
6	X17 20DG	POWER ANTENNA UP CONTROL

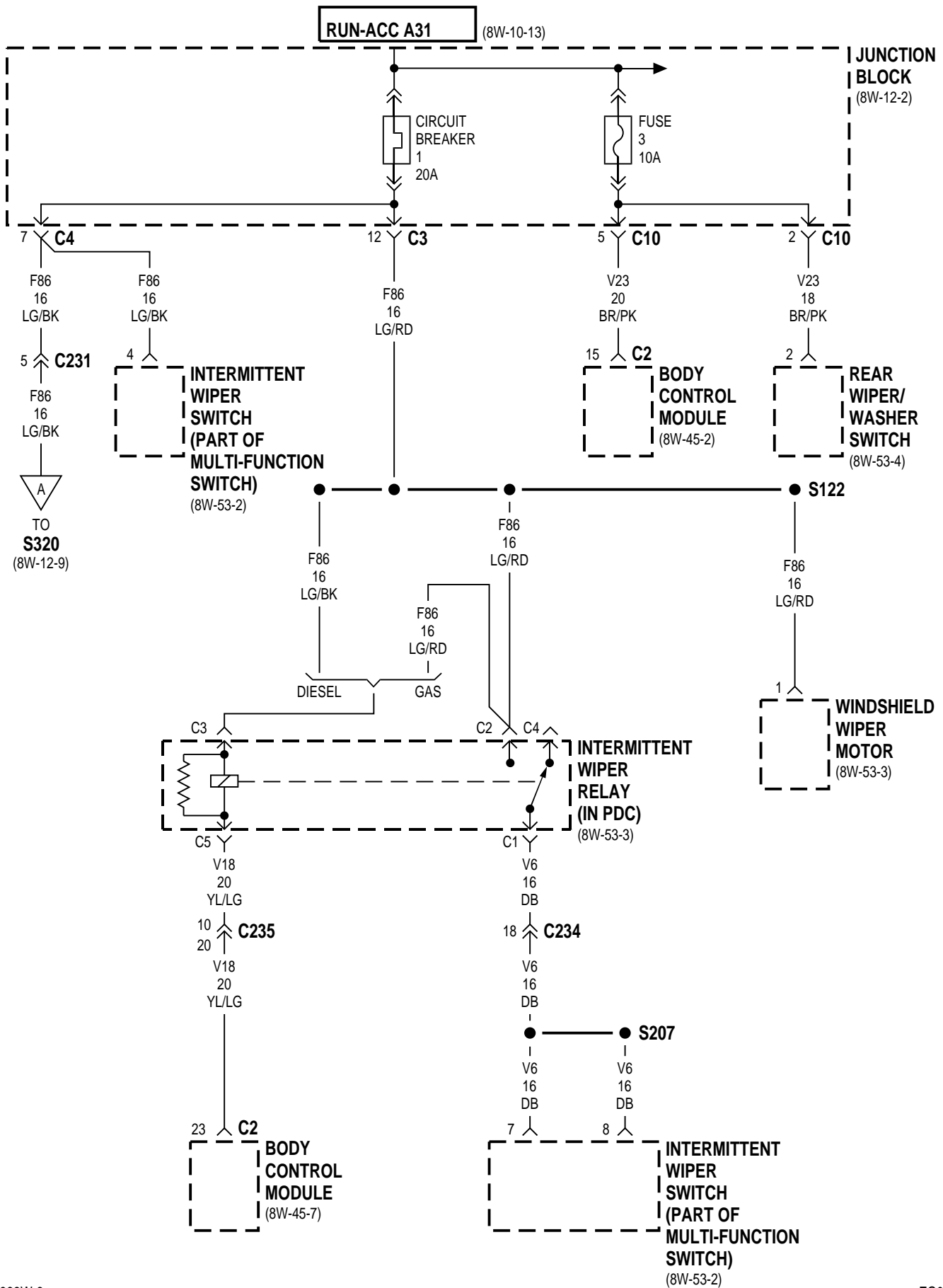
**REAR  
FOG LAMP  
RELAY  
(BUILT-UP  
-EXPORT)**

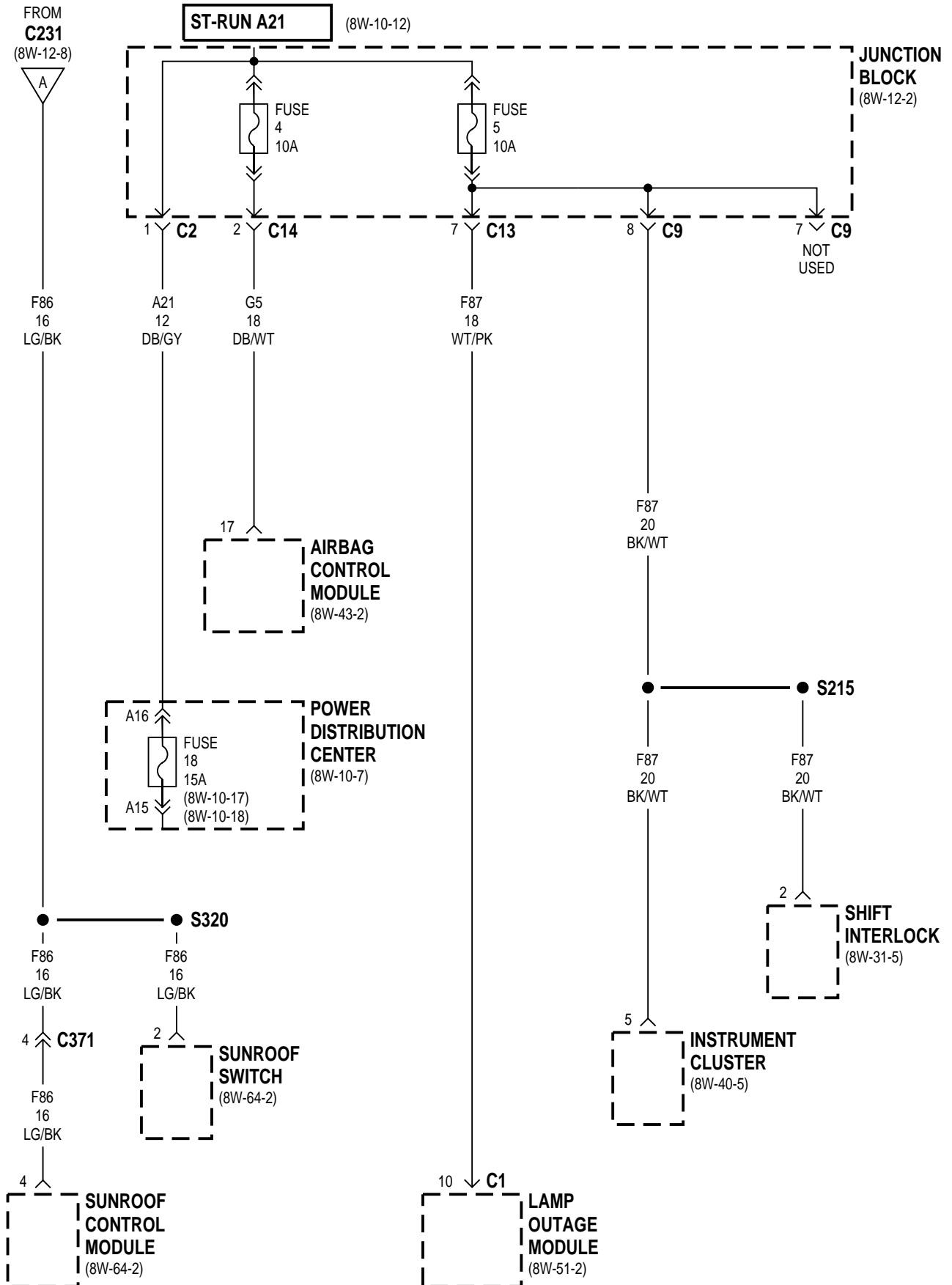
CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	L96 20LG/RD	REAR FOG LAMP RELAY CONTROL
86	L95 18DG/YL	FUSED B(+)
87	L36 18LG	REAR FOG LAMP RELAY OUTPUT

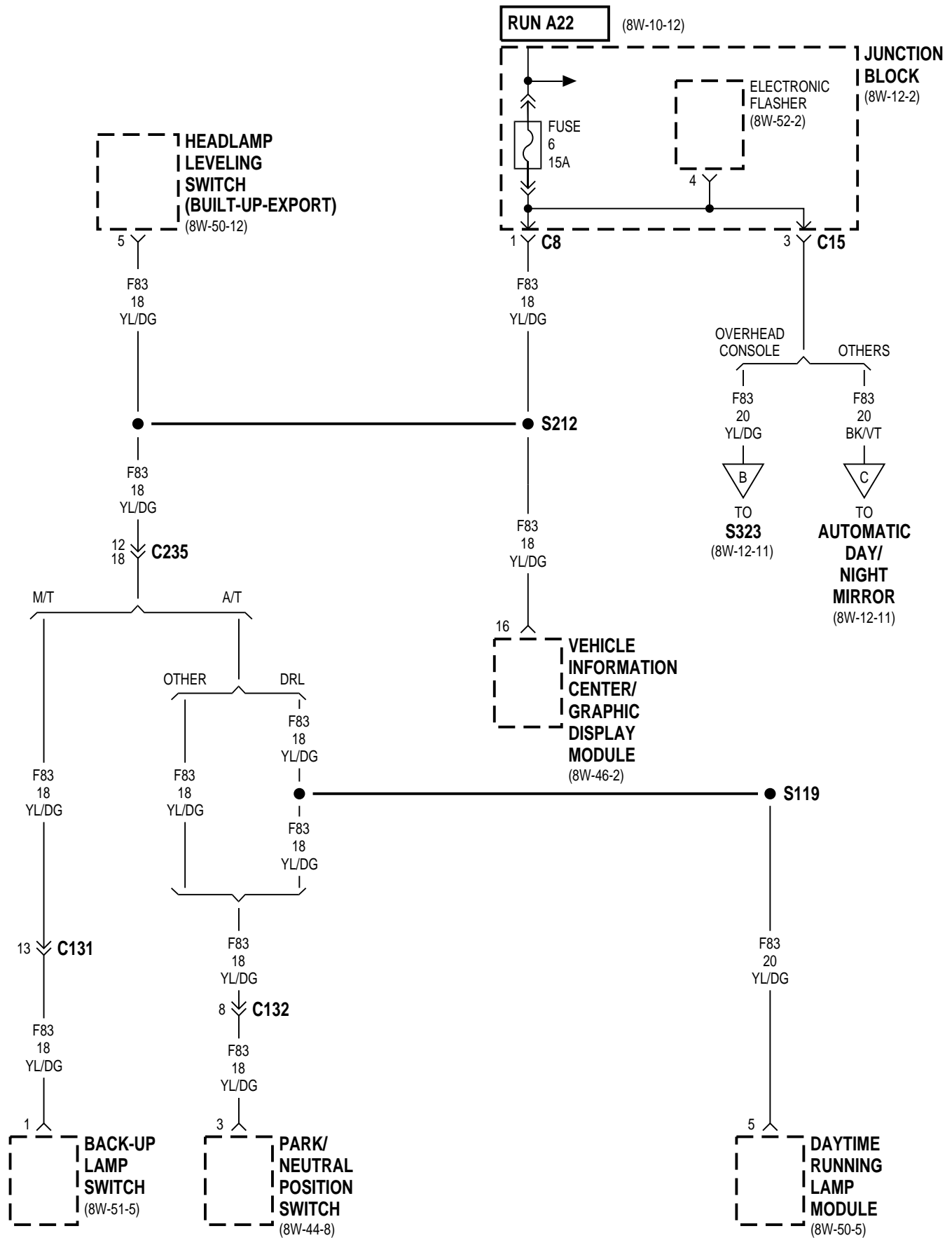
**REAR  
WINDOW  
DEFOGGER  
RELAY**

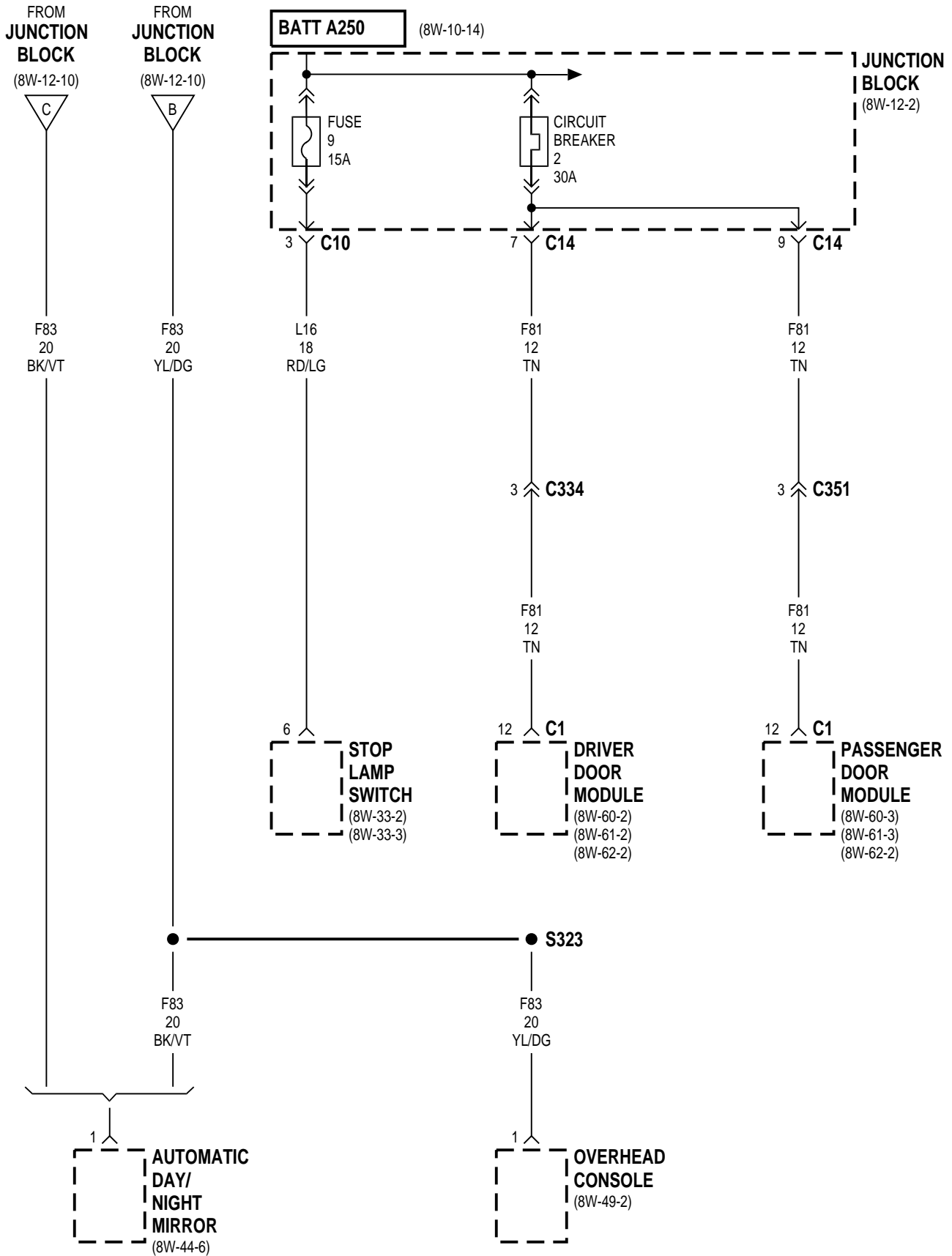
CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	C14 20WT/RD	REAR WINDOW DEFOGGER RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	REAR WINDOW DEFOGGER RELAY OUTPUT





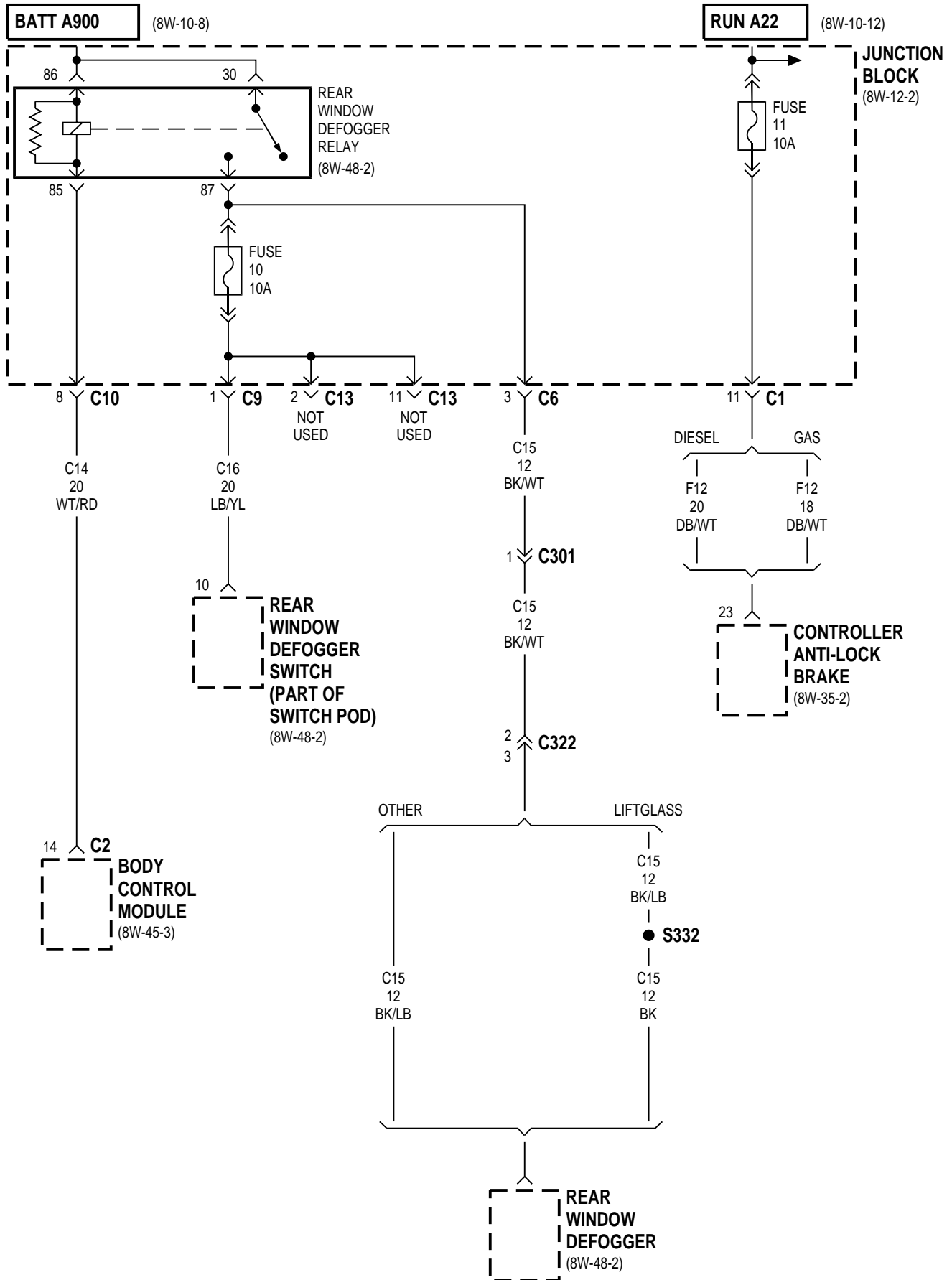


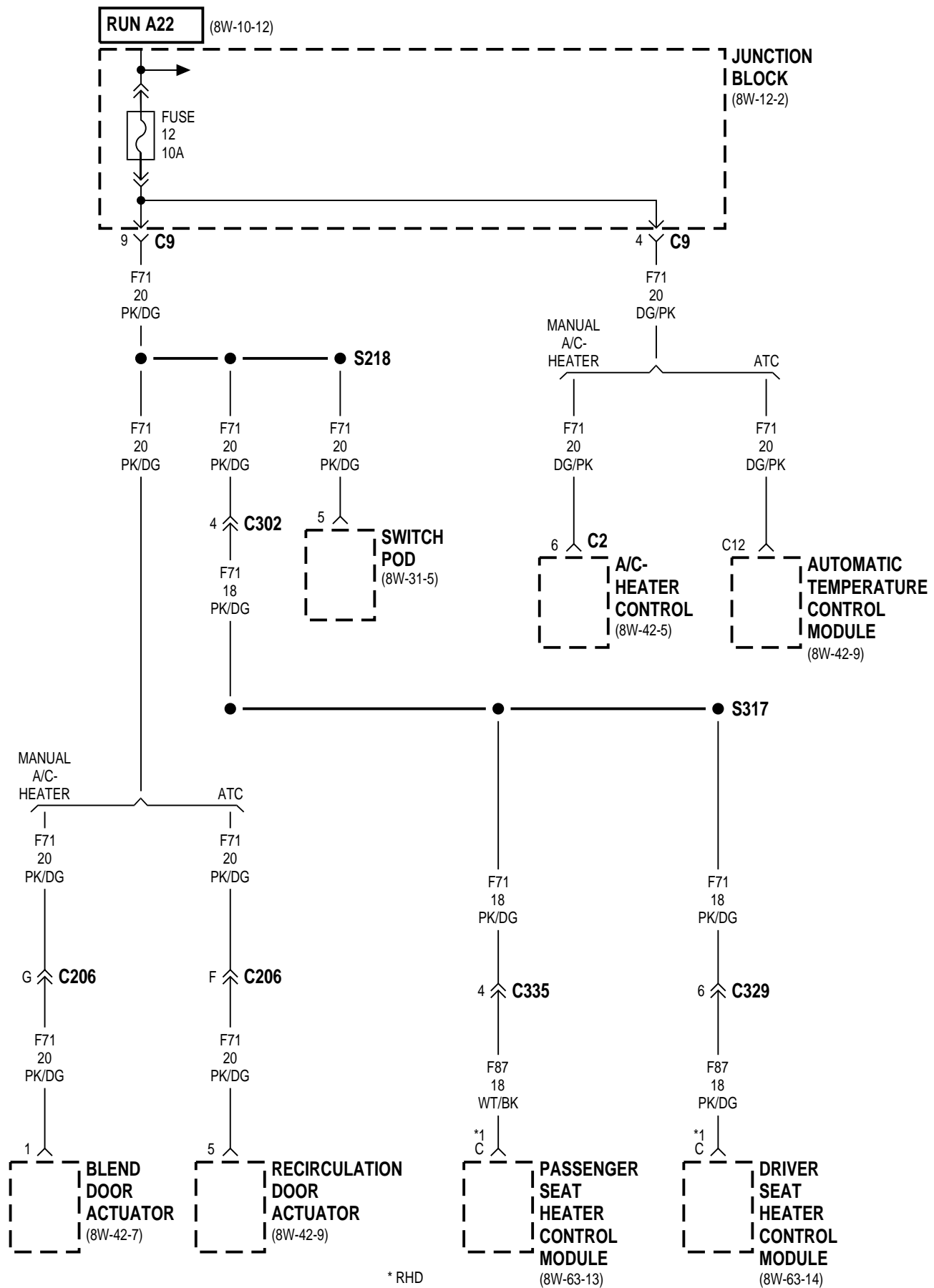


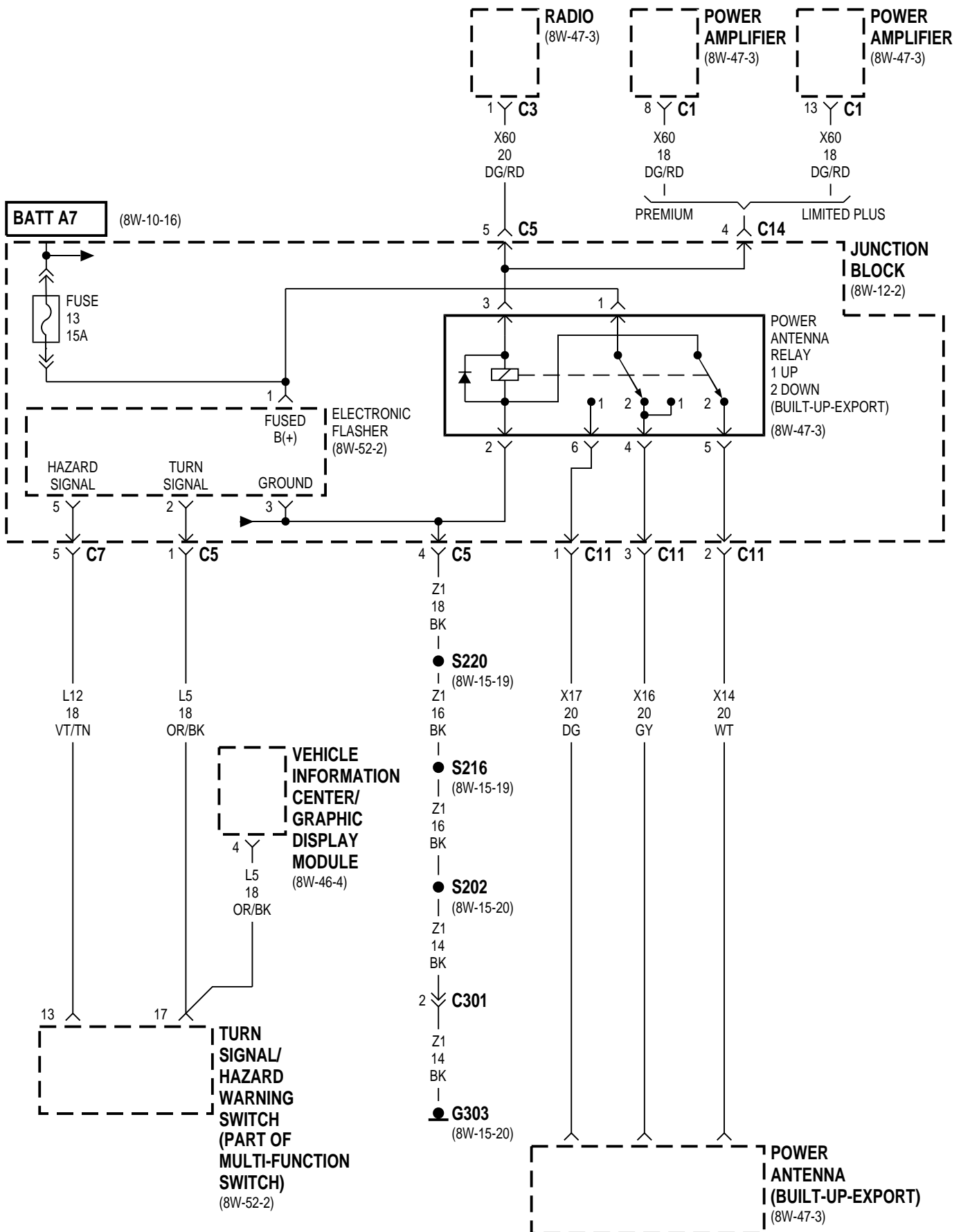


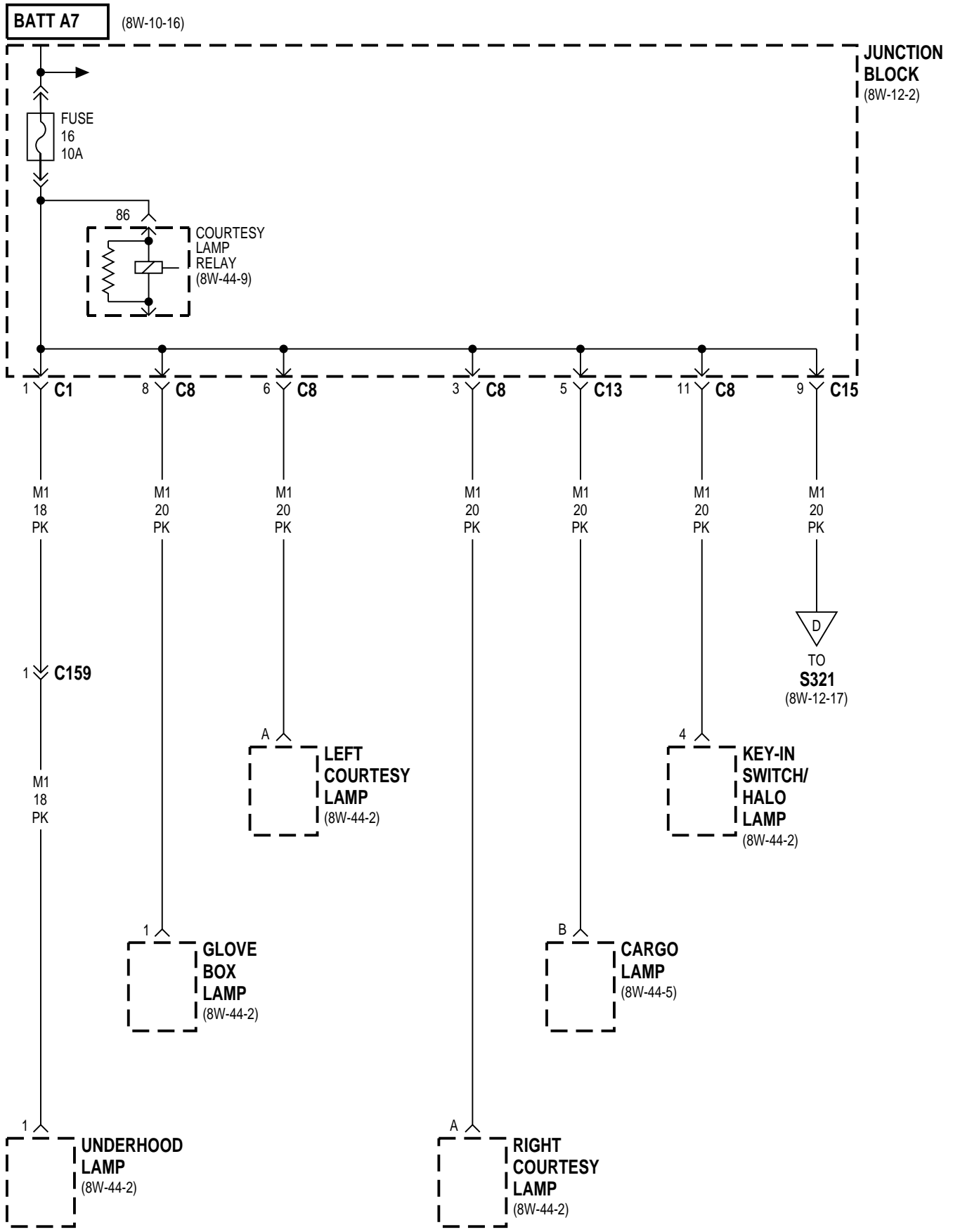


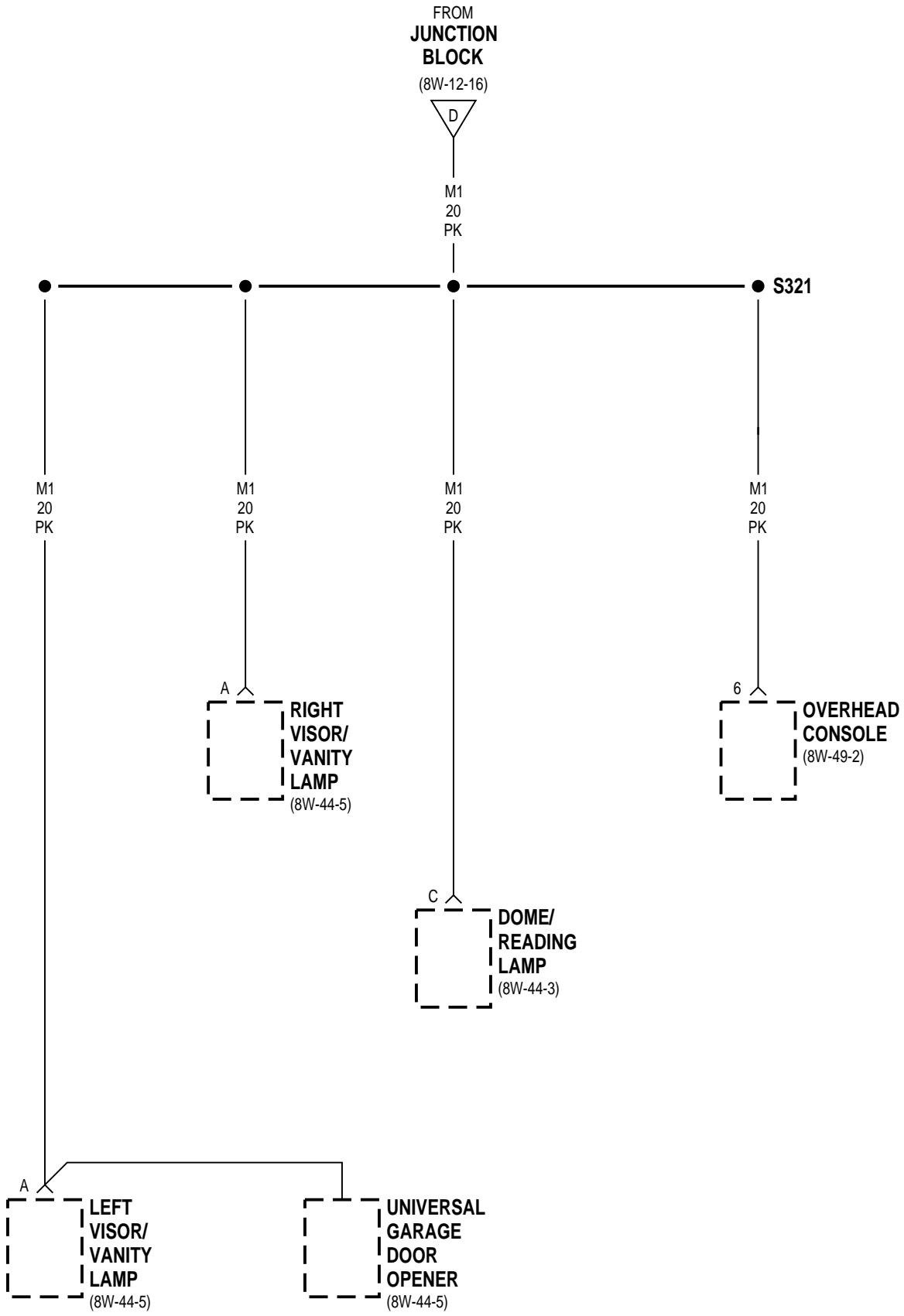


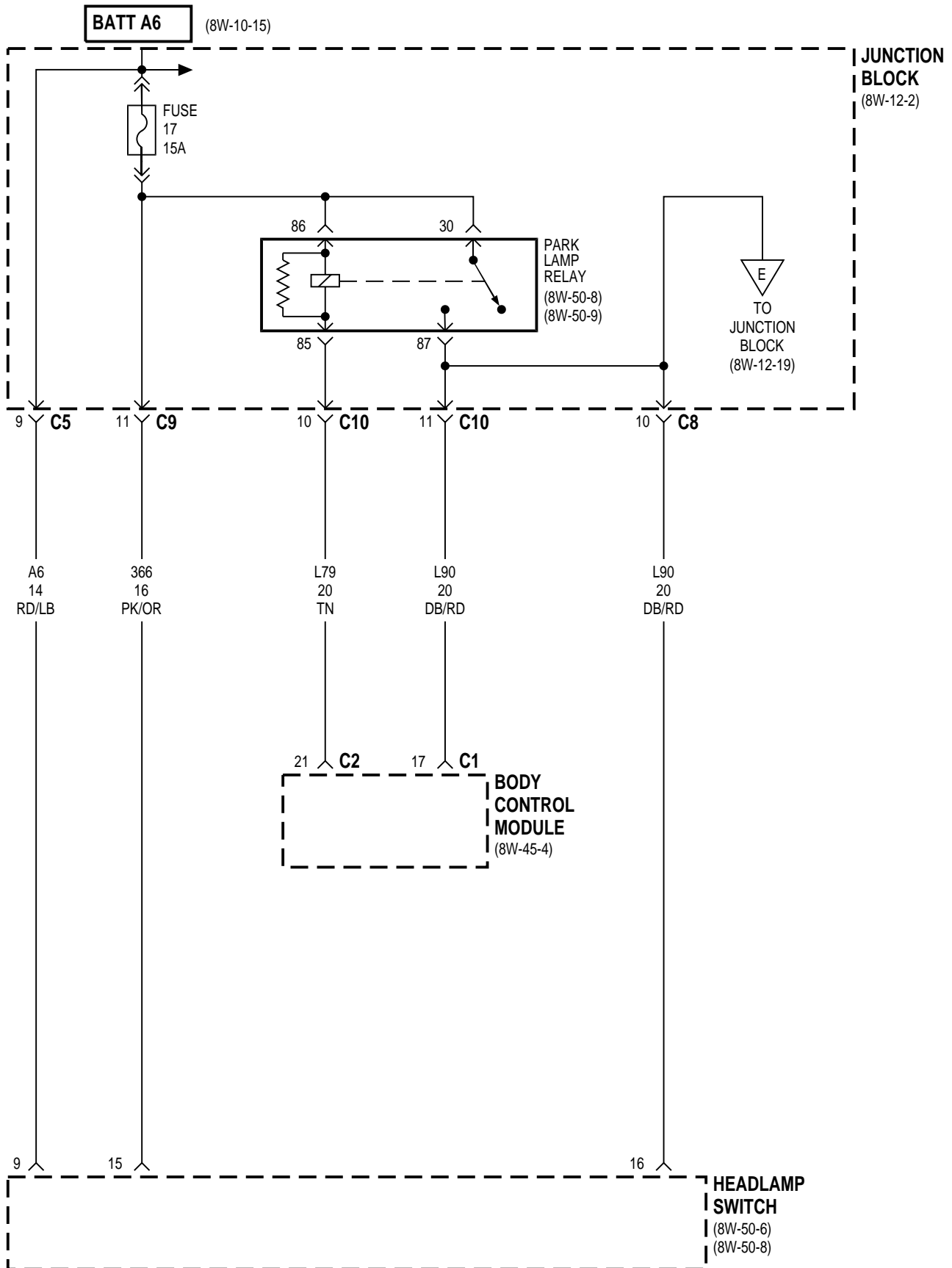


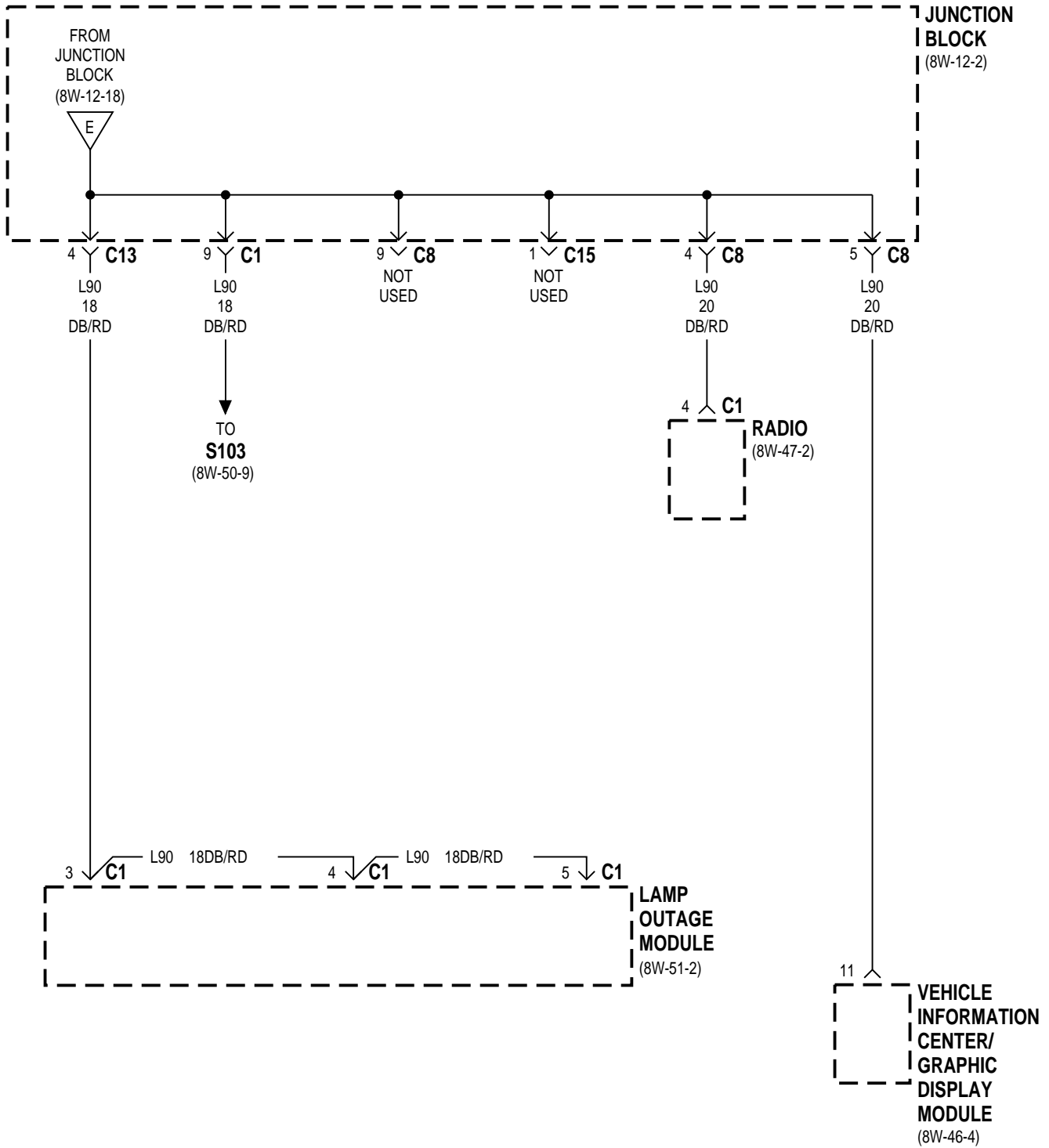


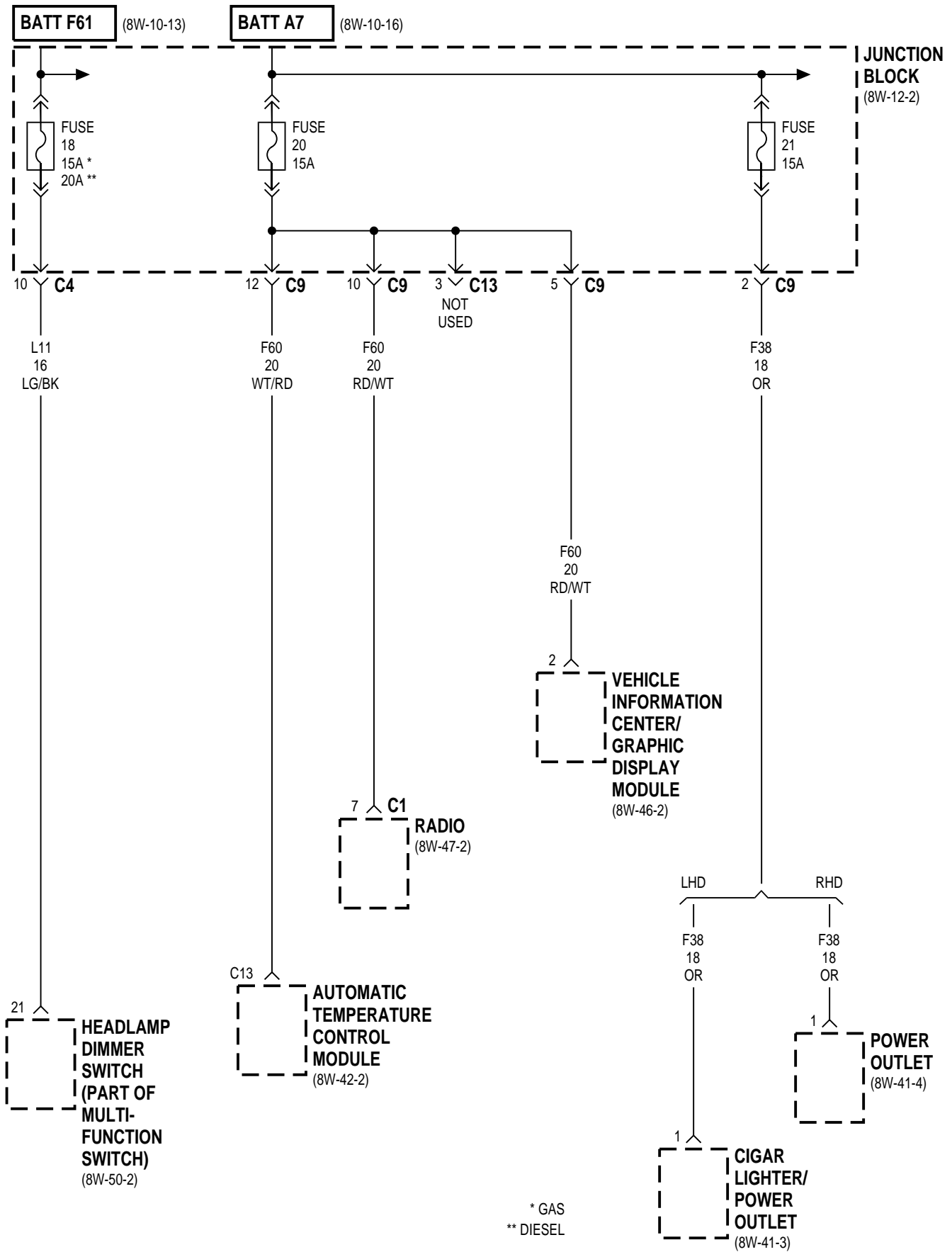






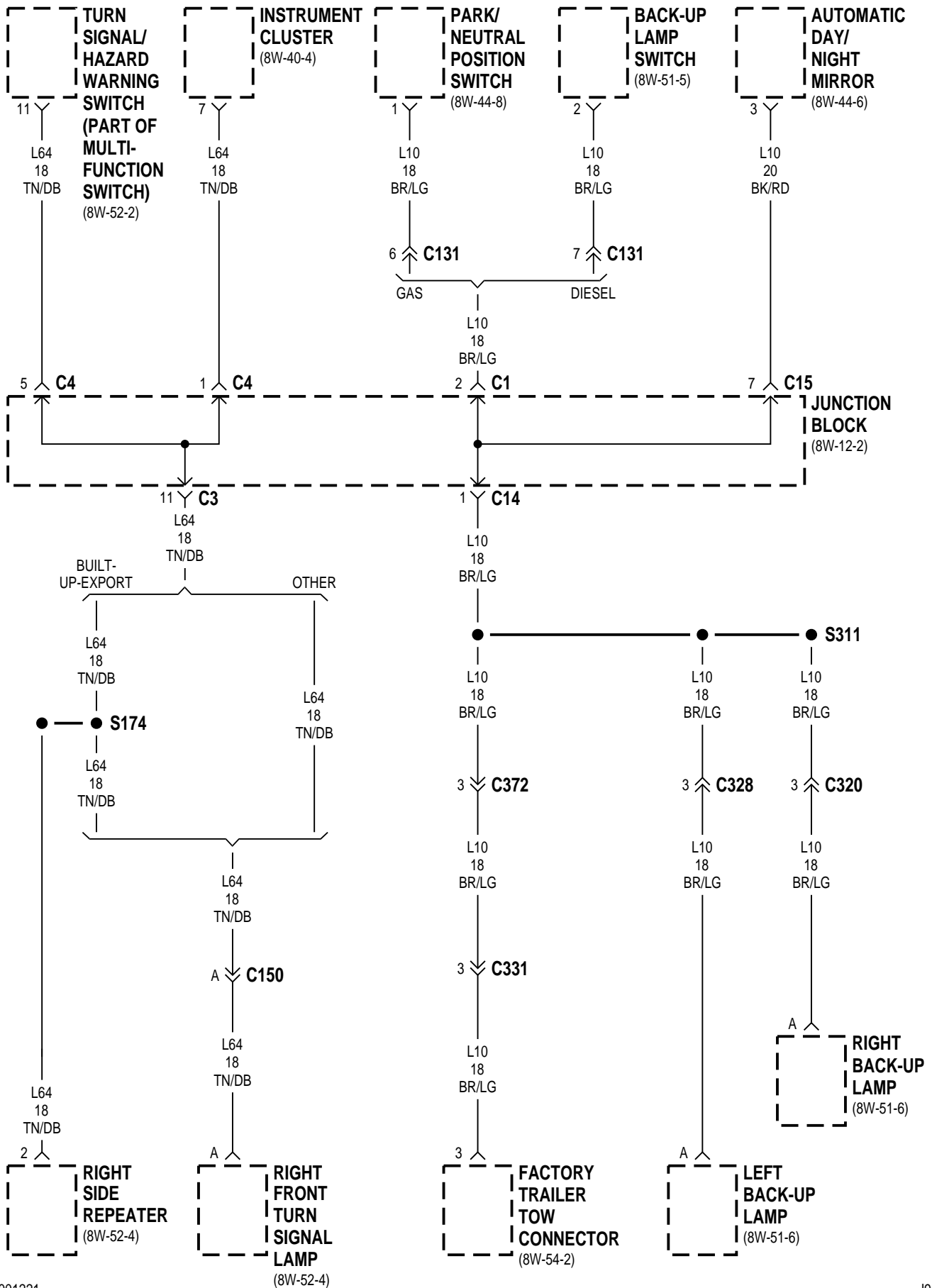


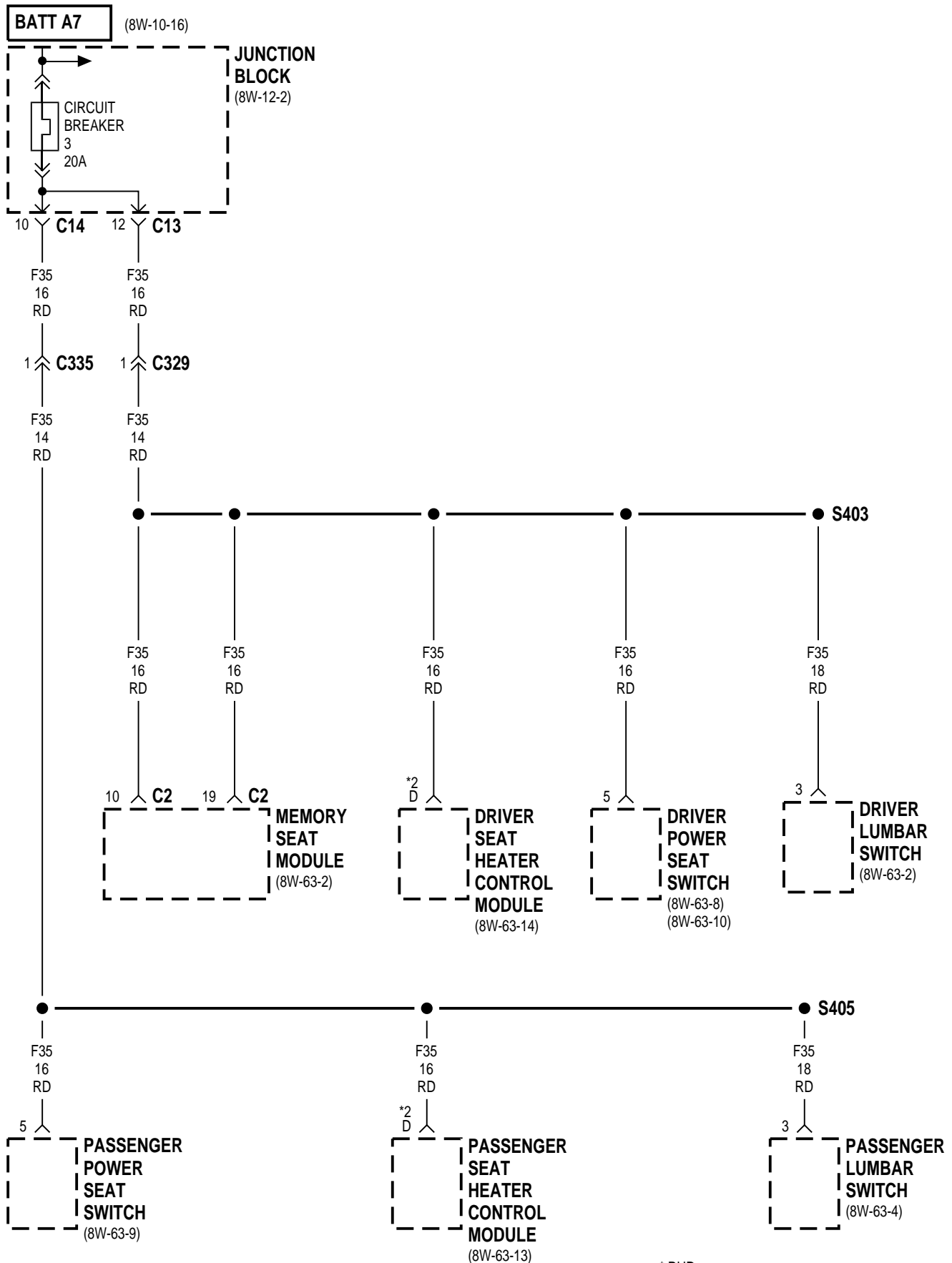




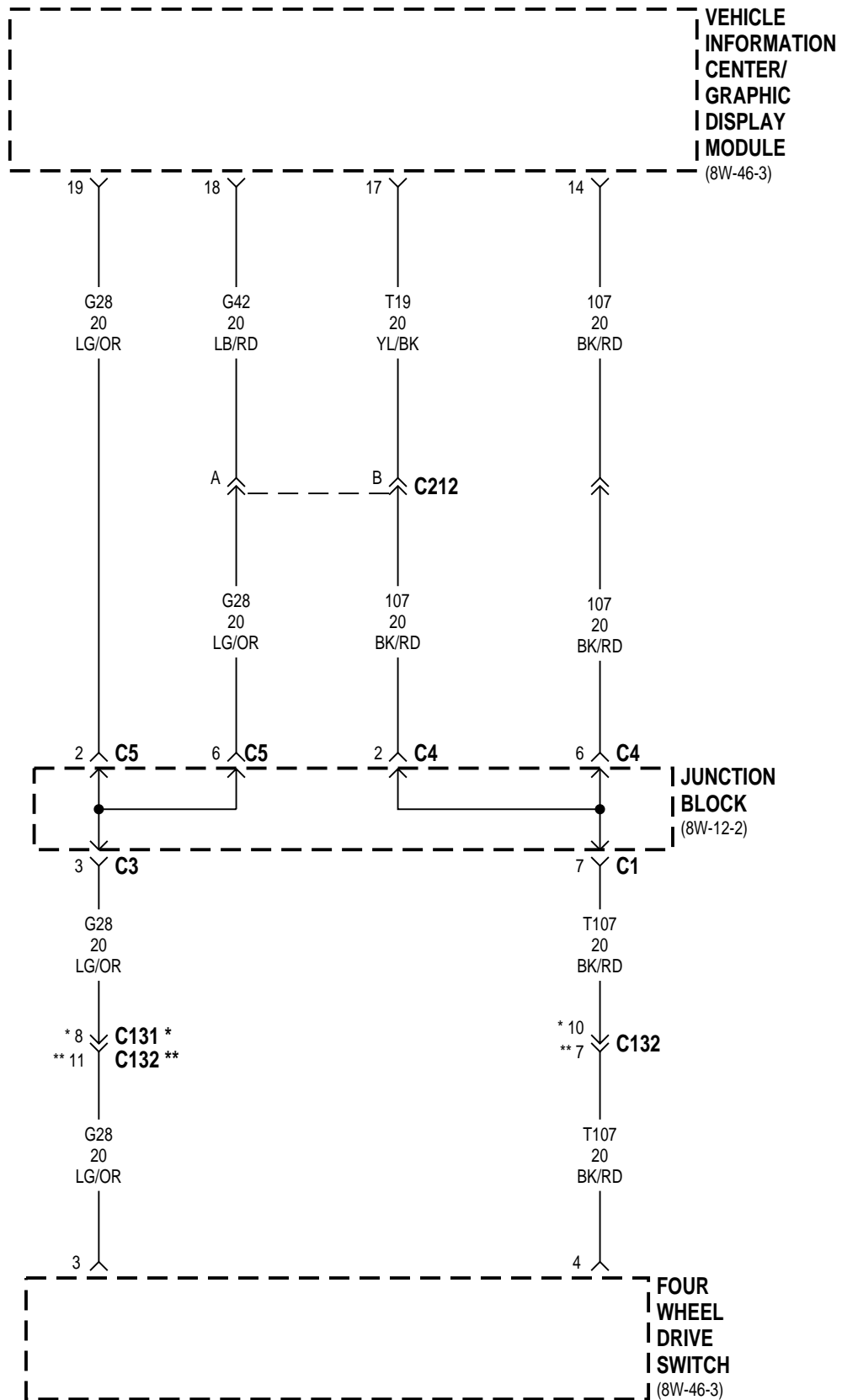
\* GAS  
 \*\* DIESEL

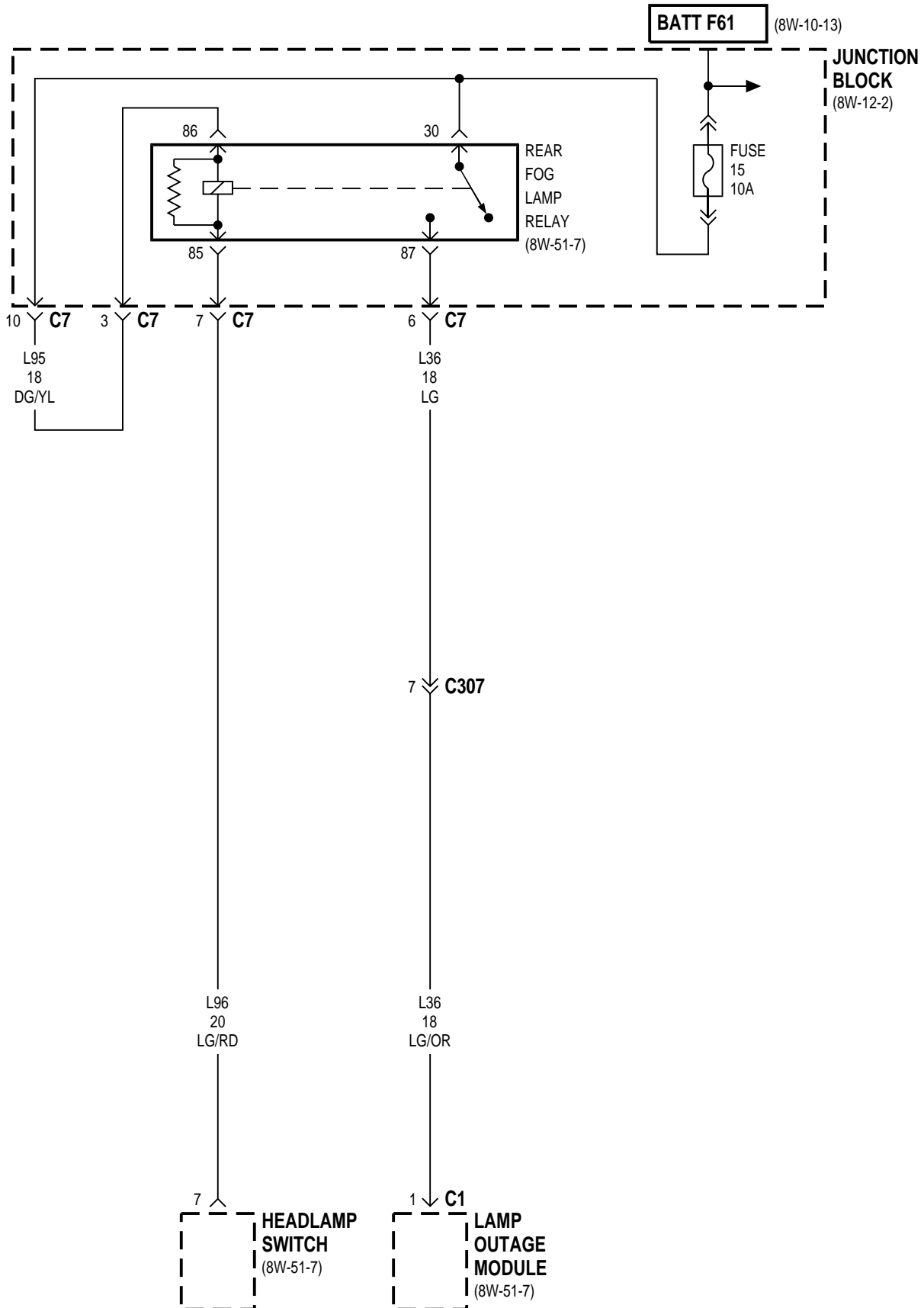


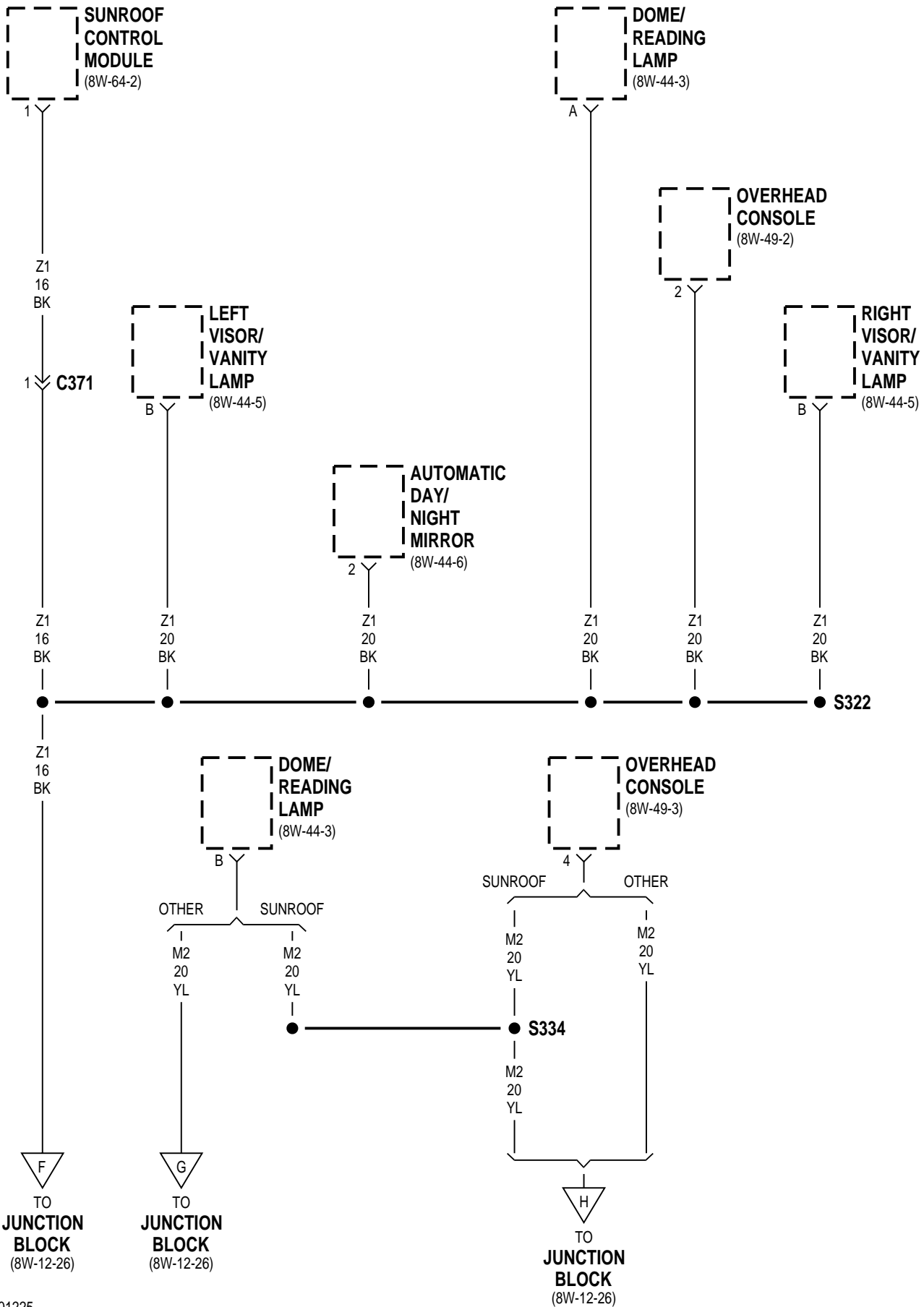


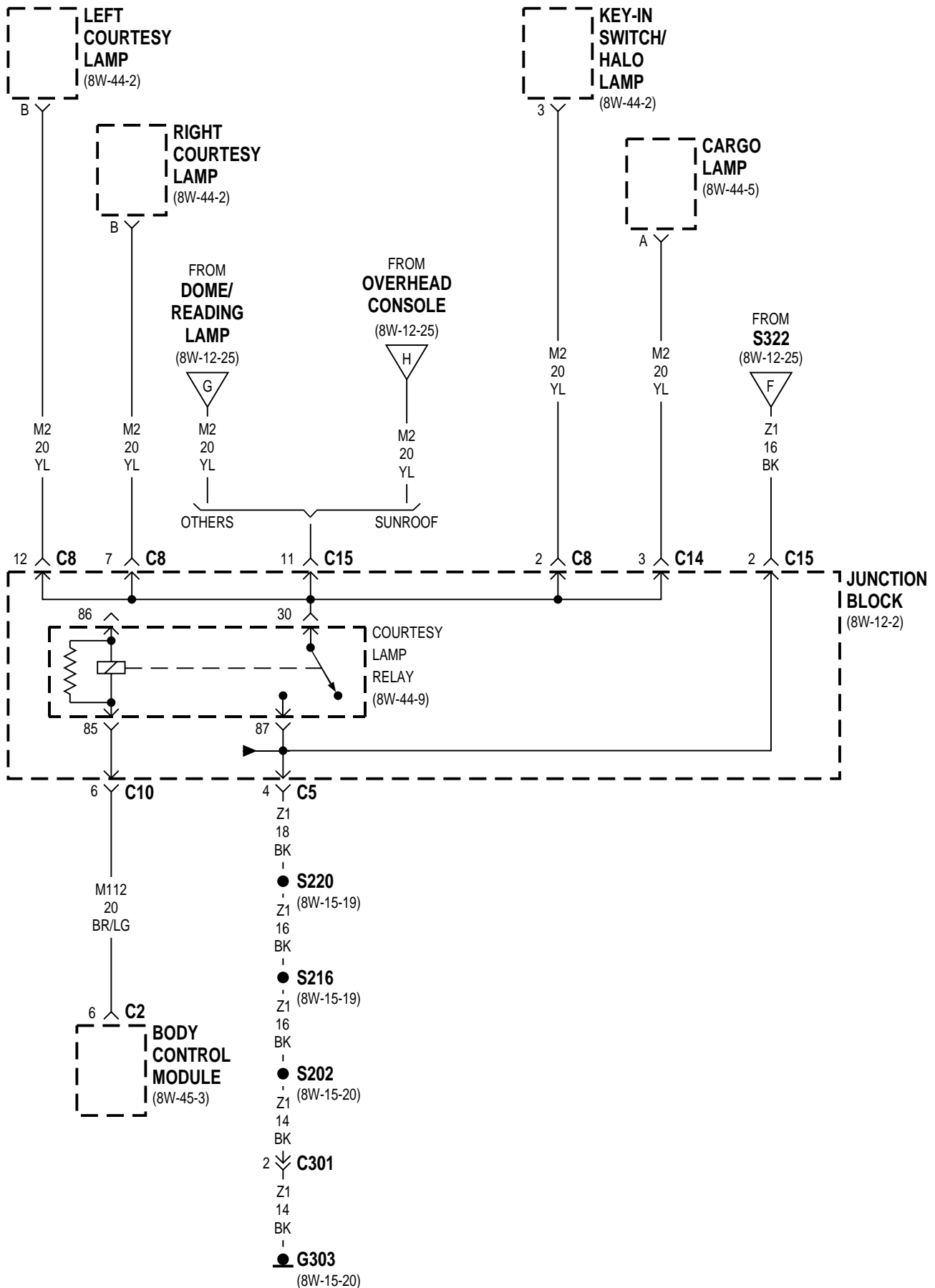


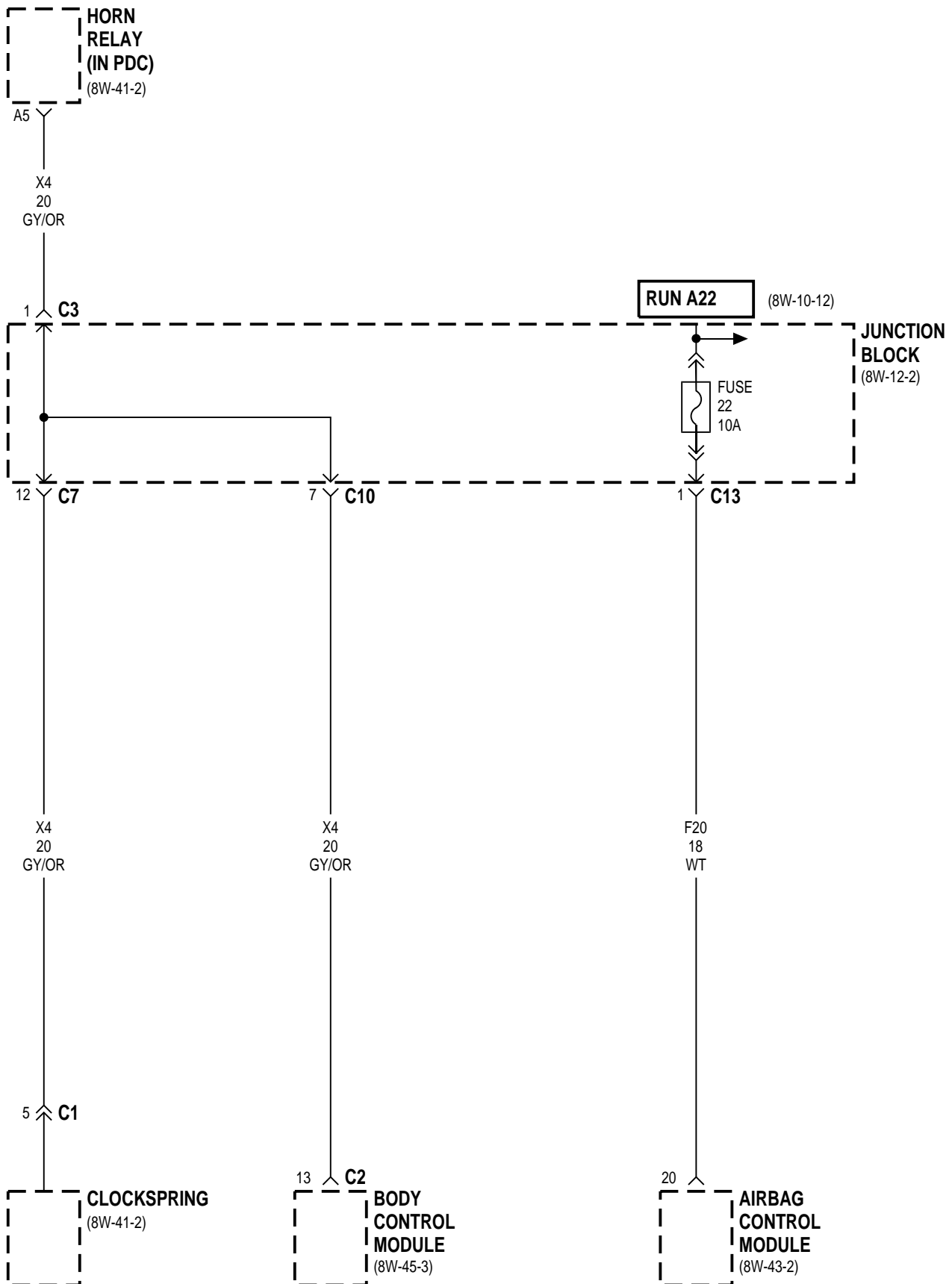
\* RHD

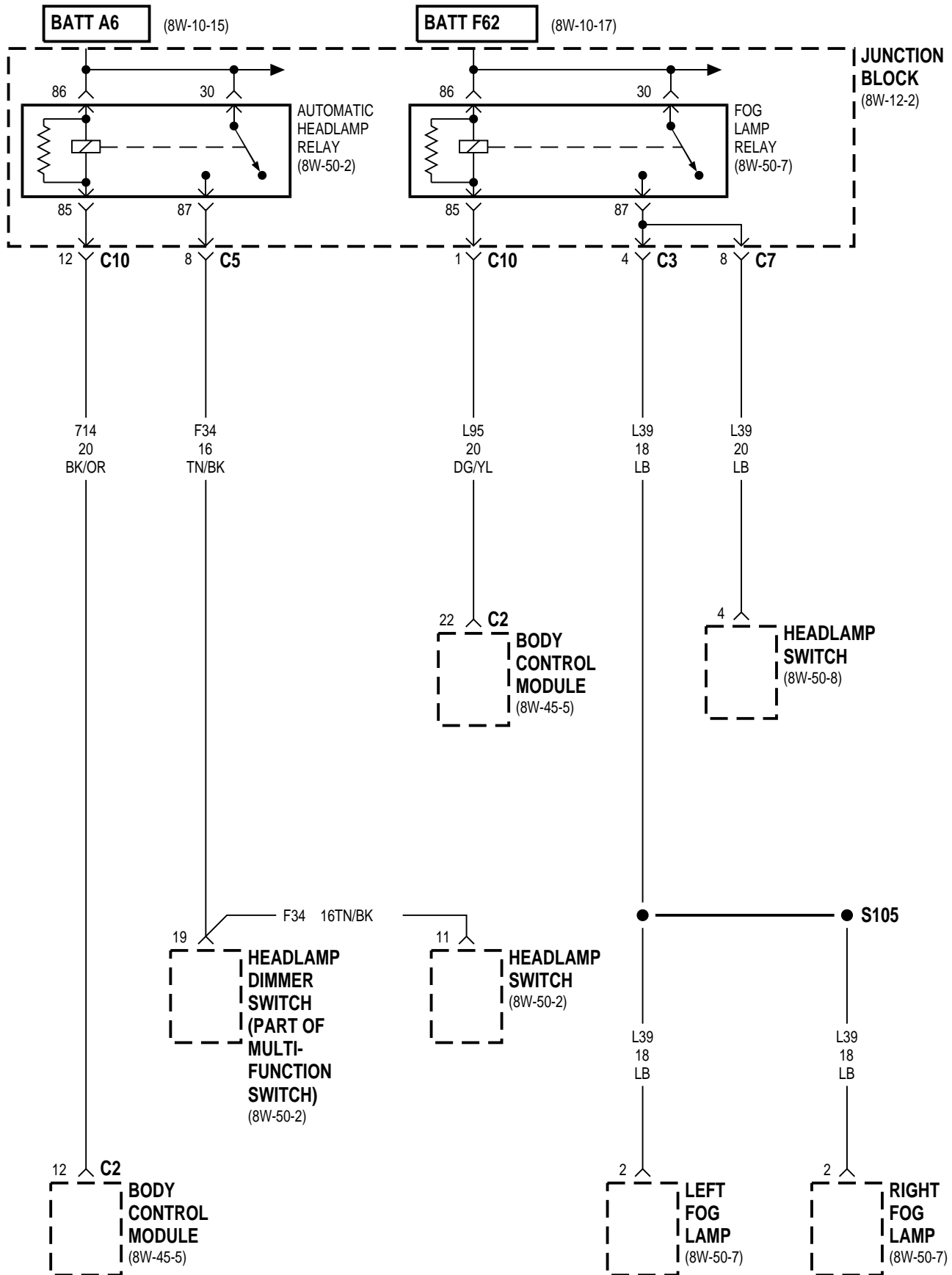








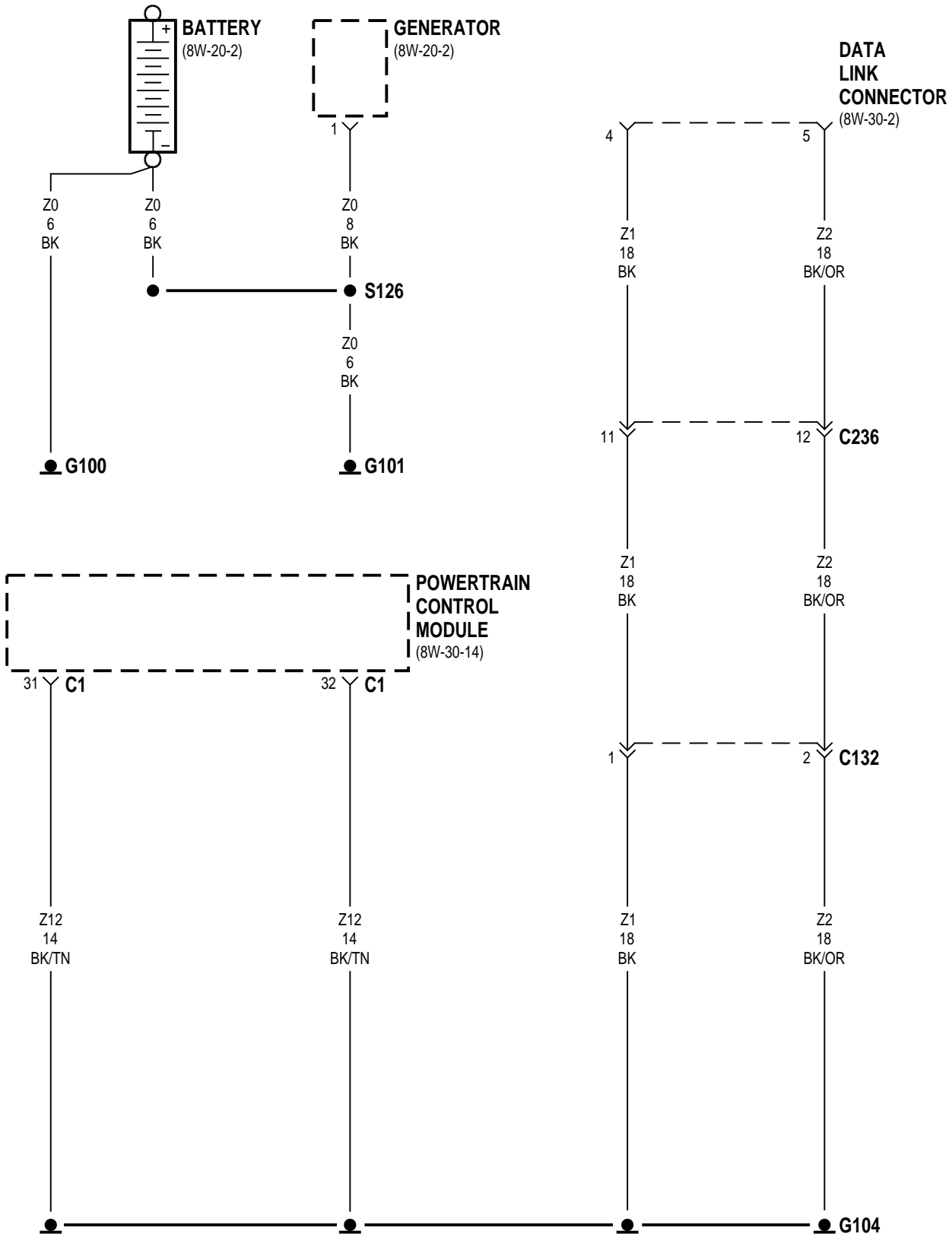


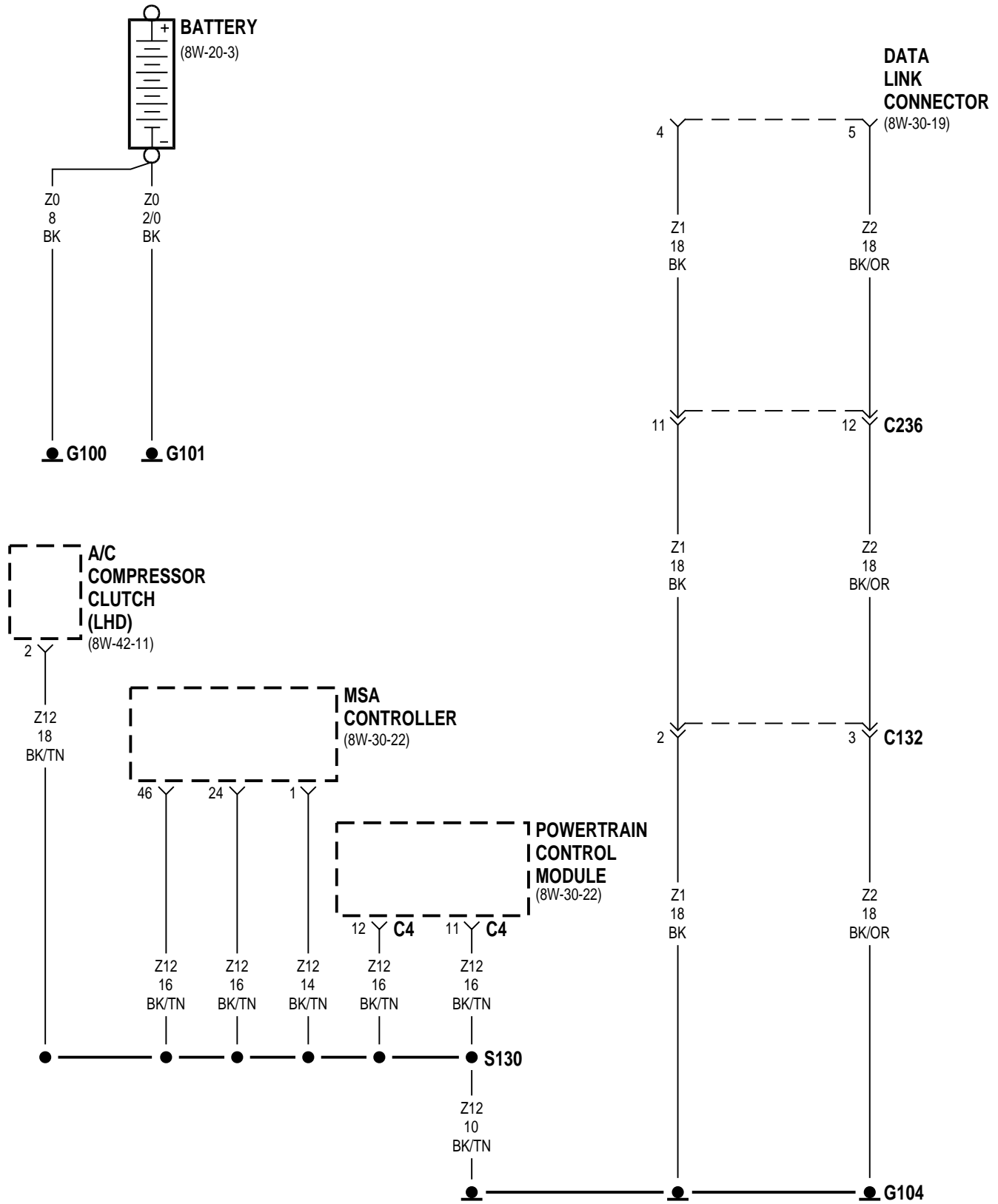


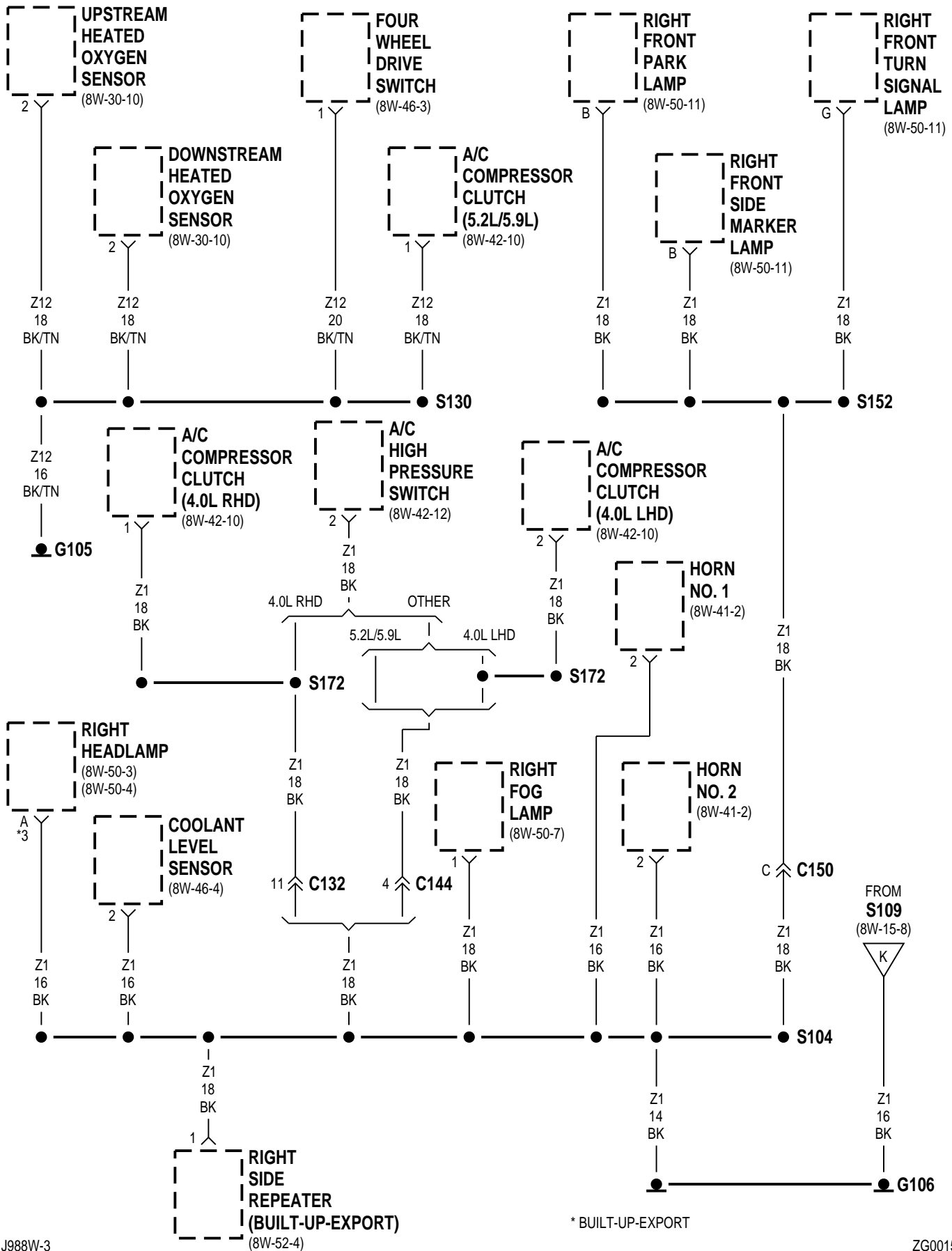


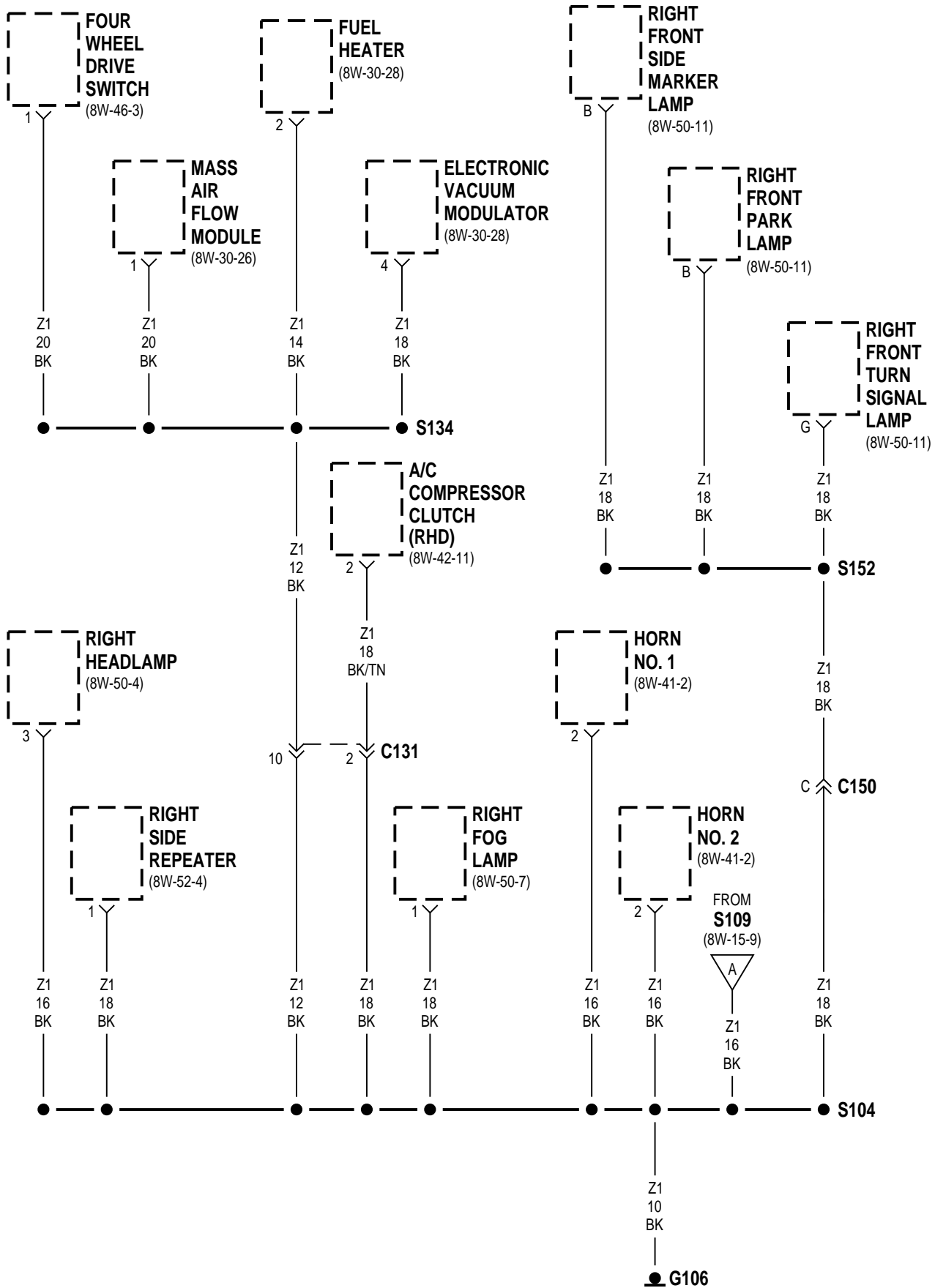
## 8W-15 GROUND DISTRIBUTION

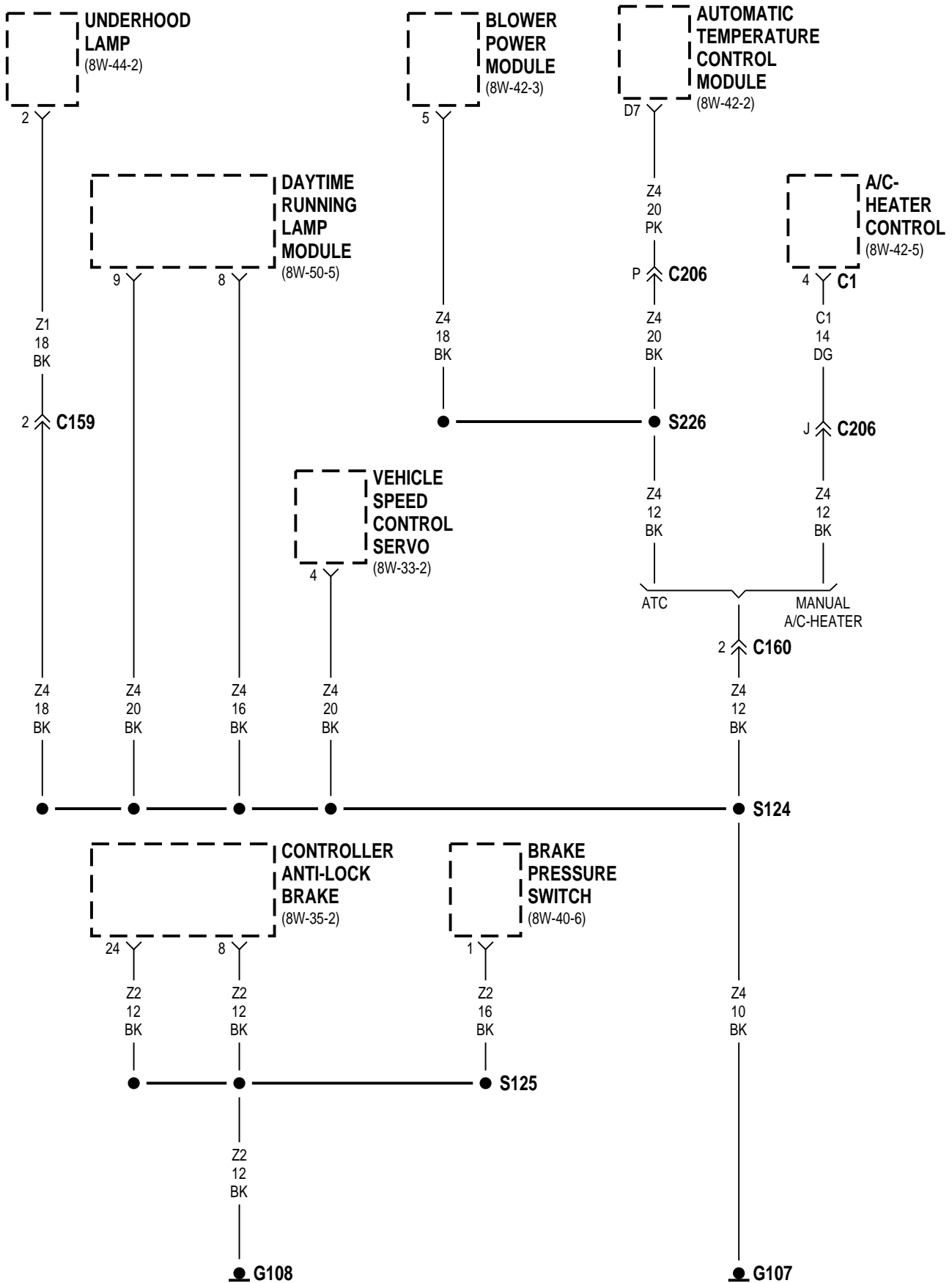
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
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G110 . . . . .	8W-15-10	Stop Lamp Switch . . . . .	8W-15-9, 20
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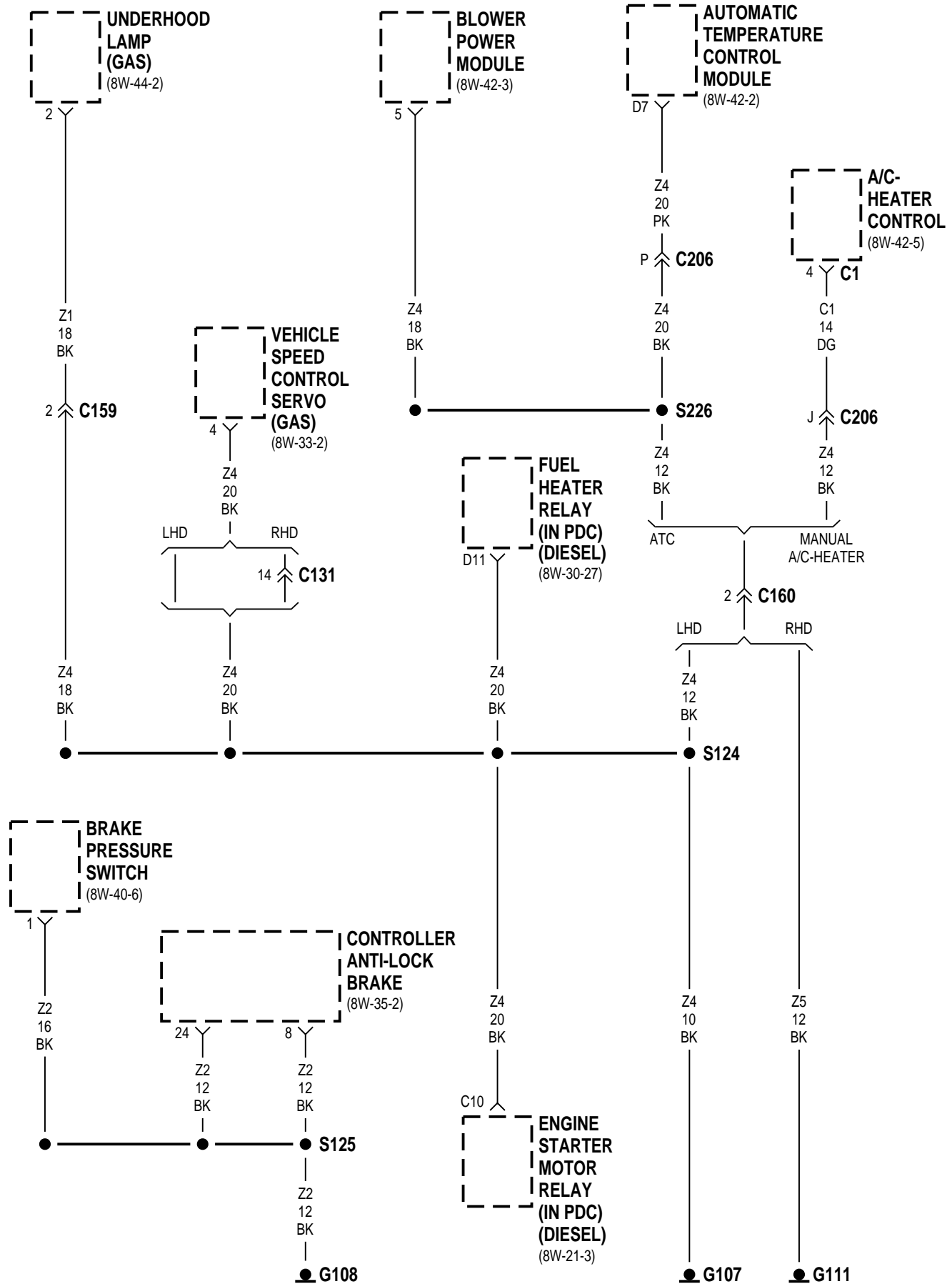








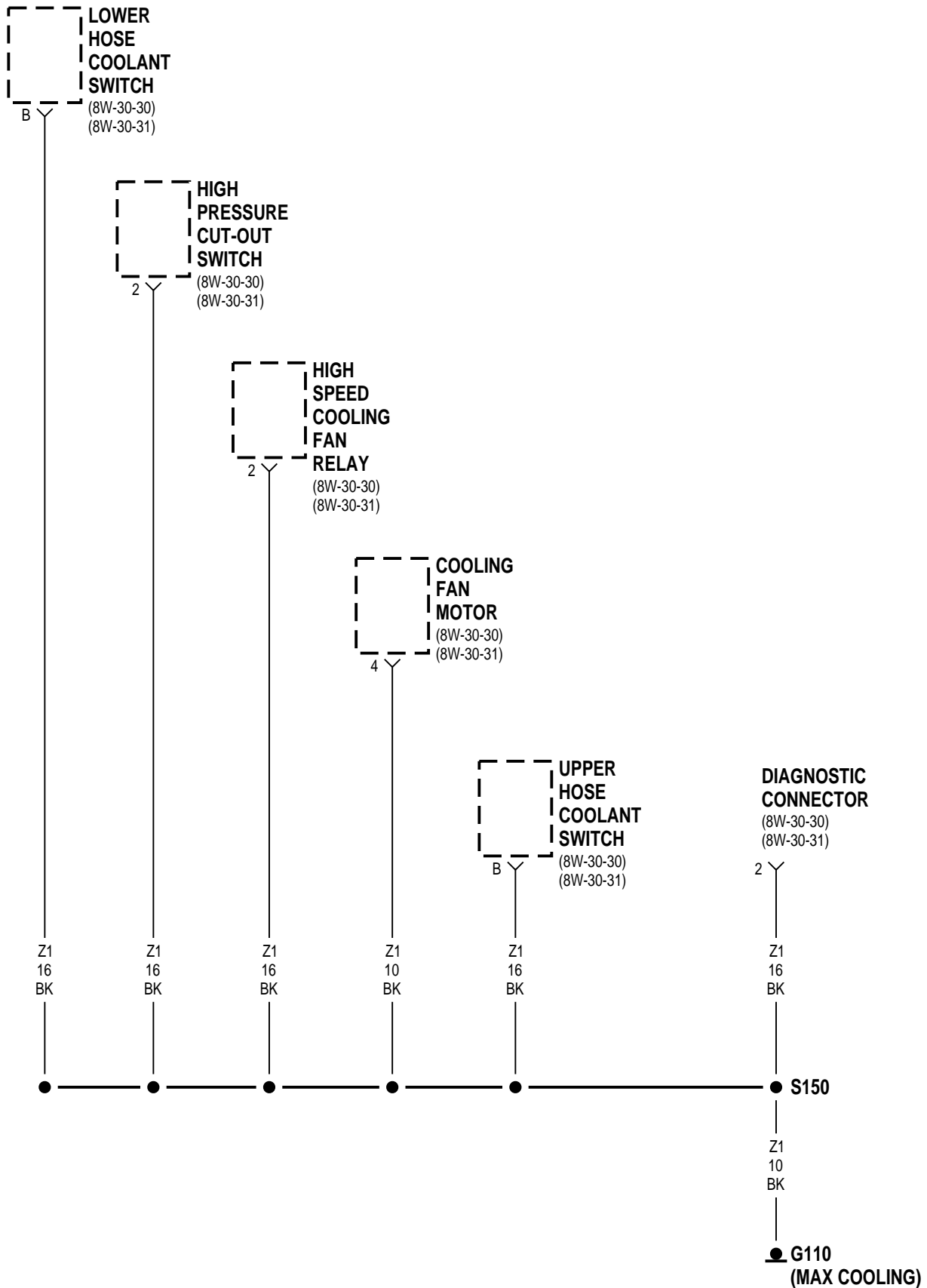


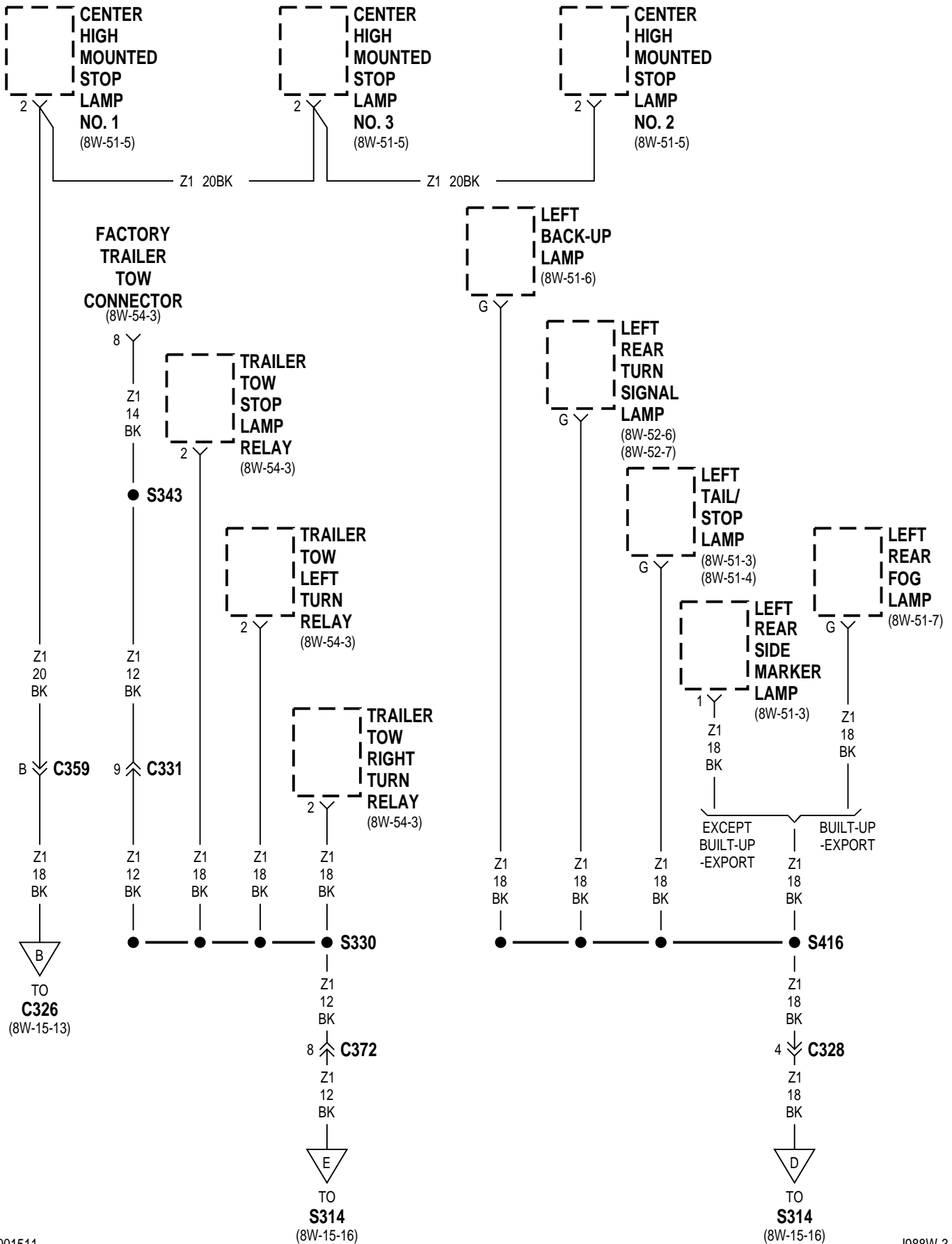


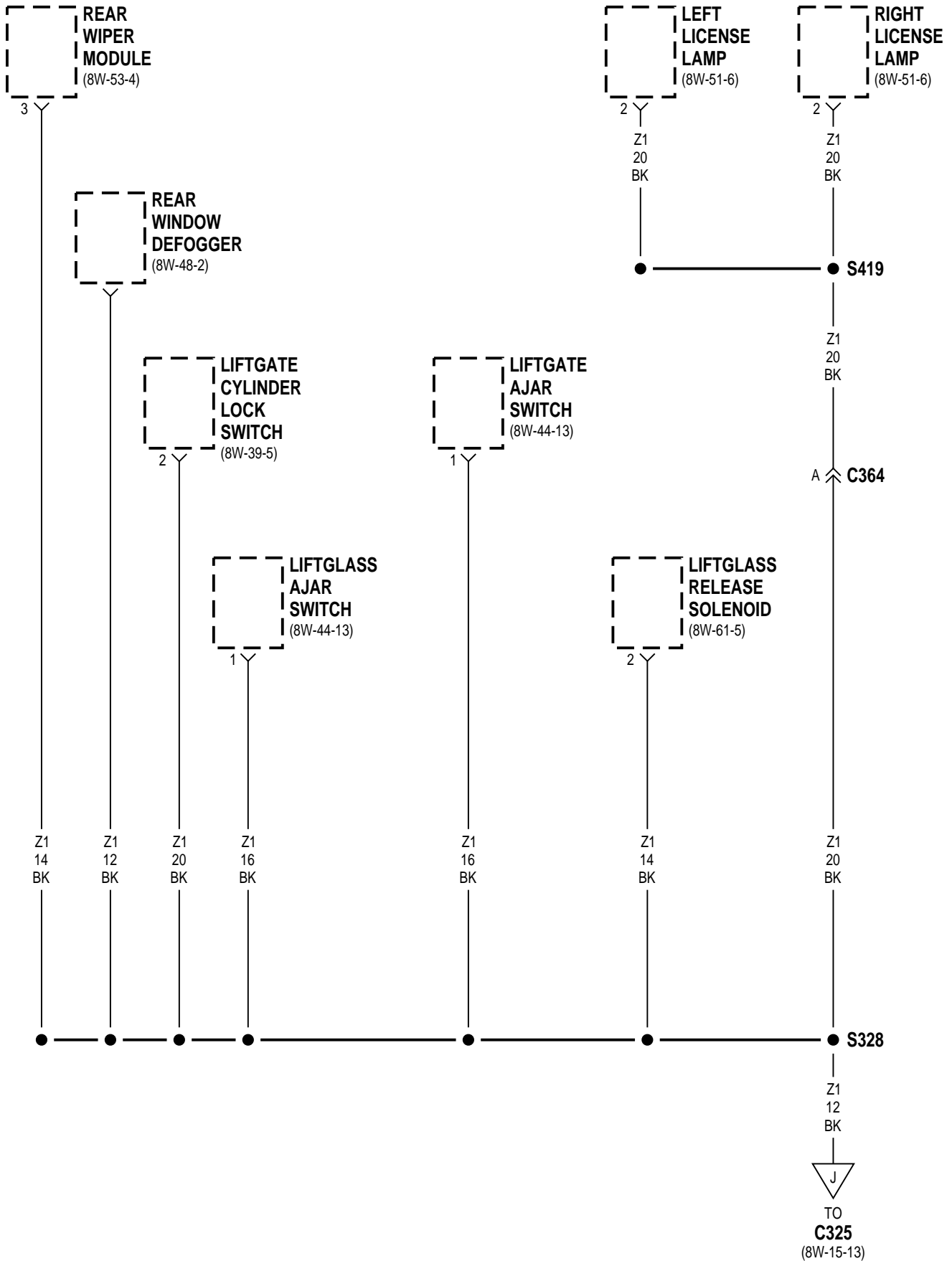


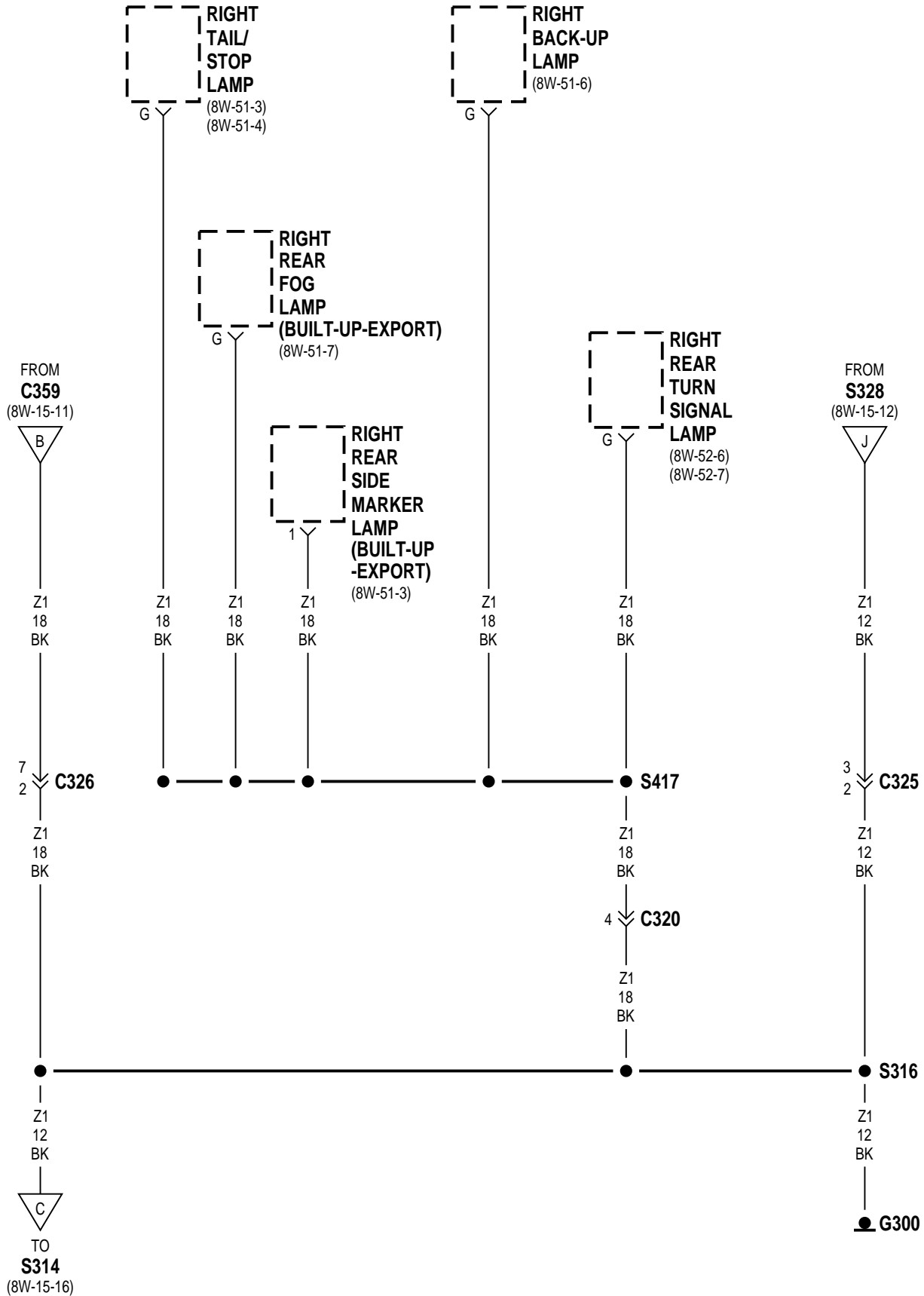


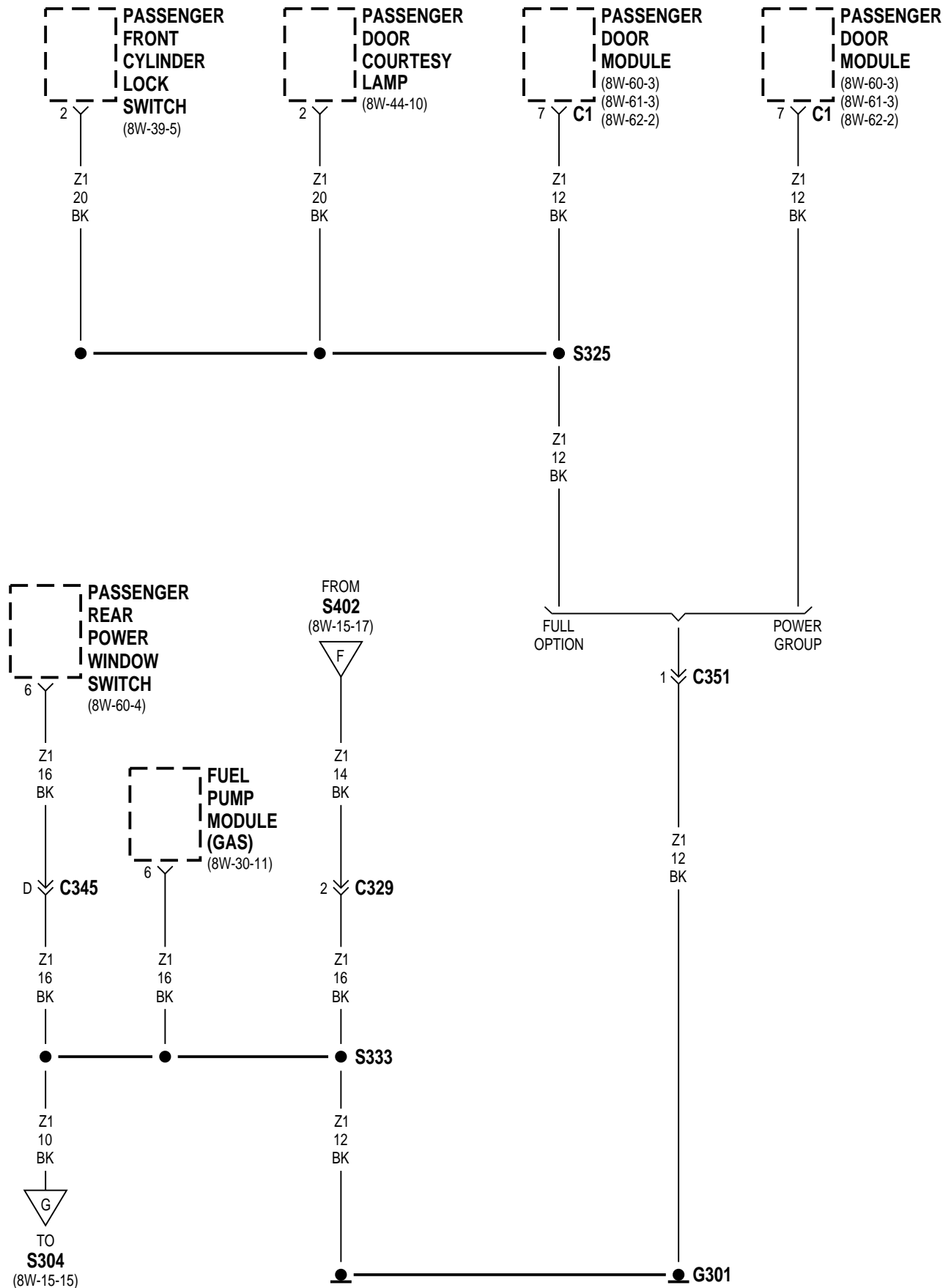


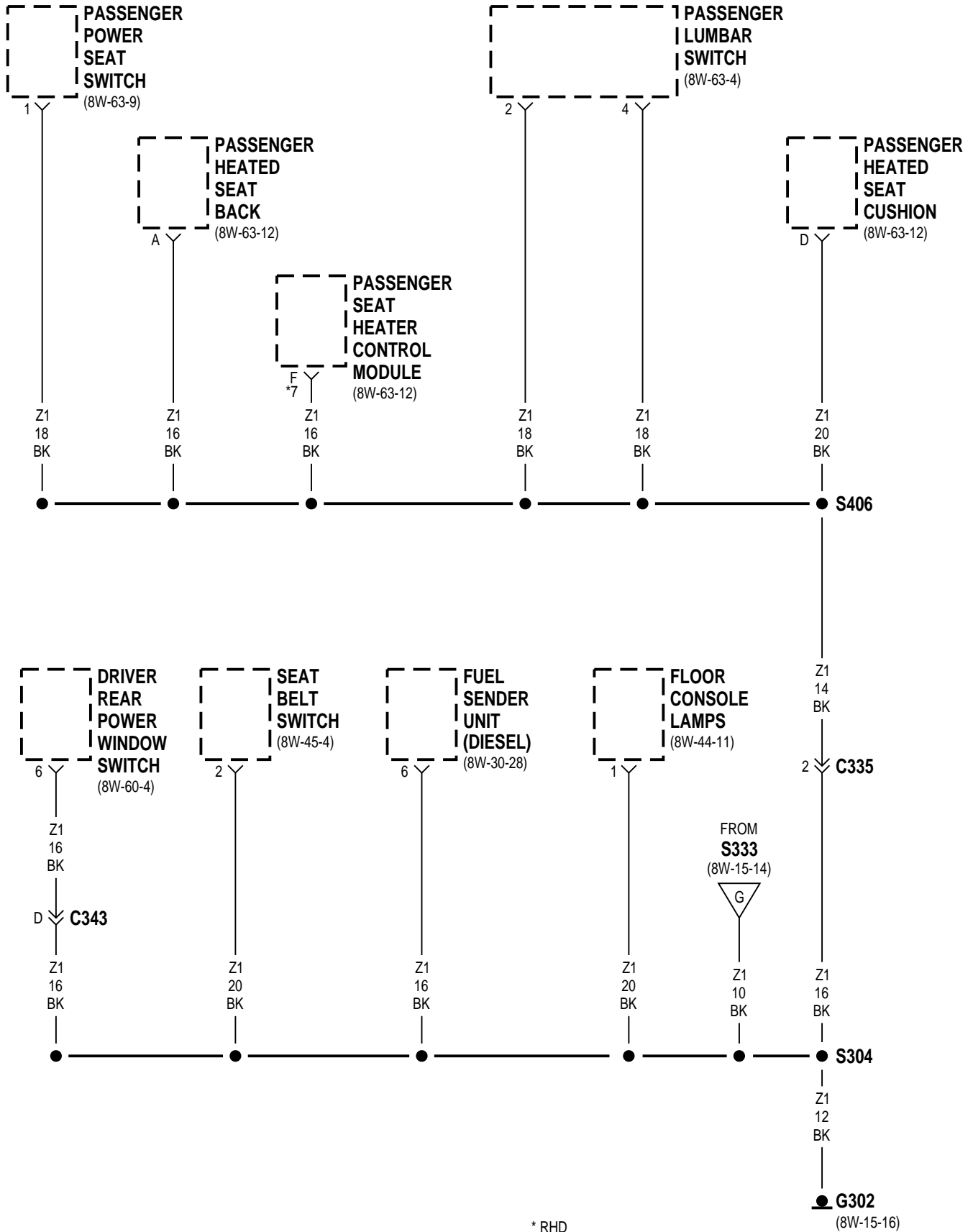


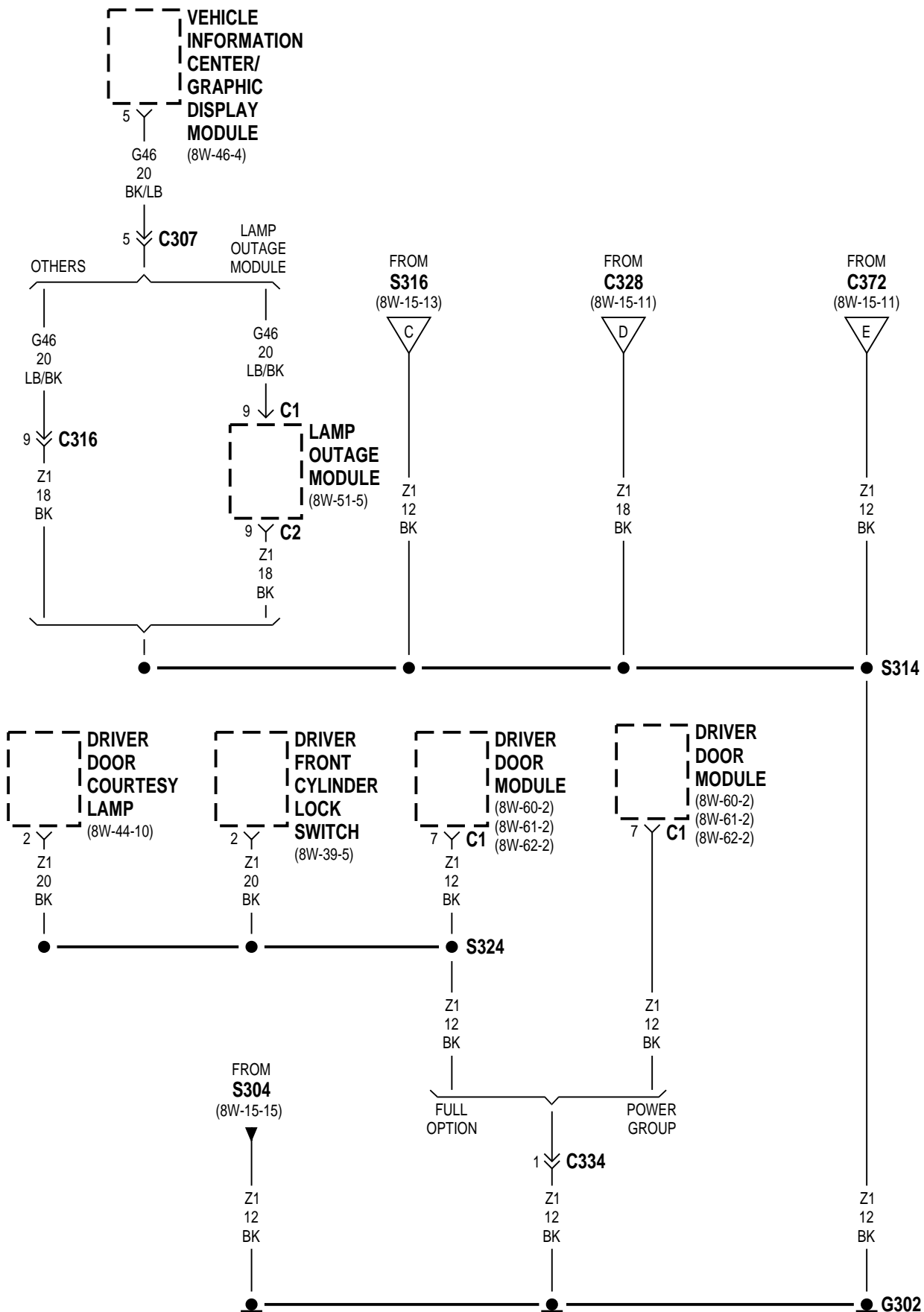




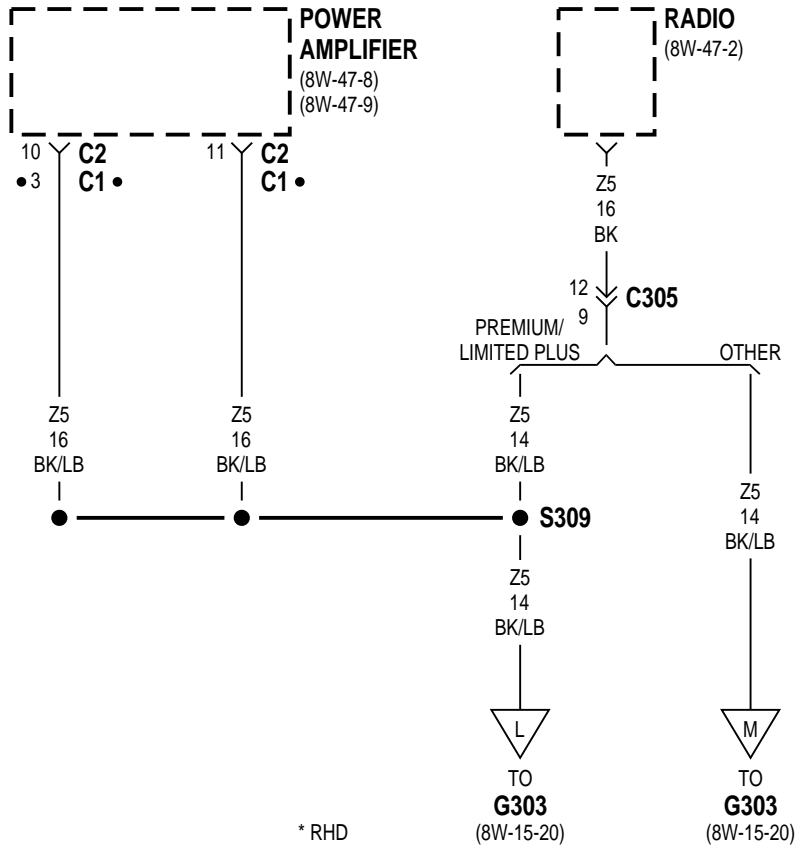
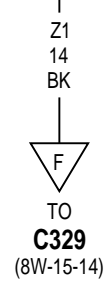
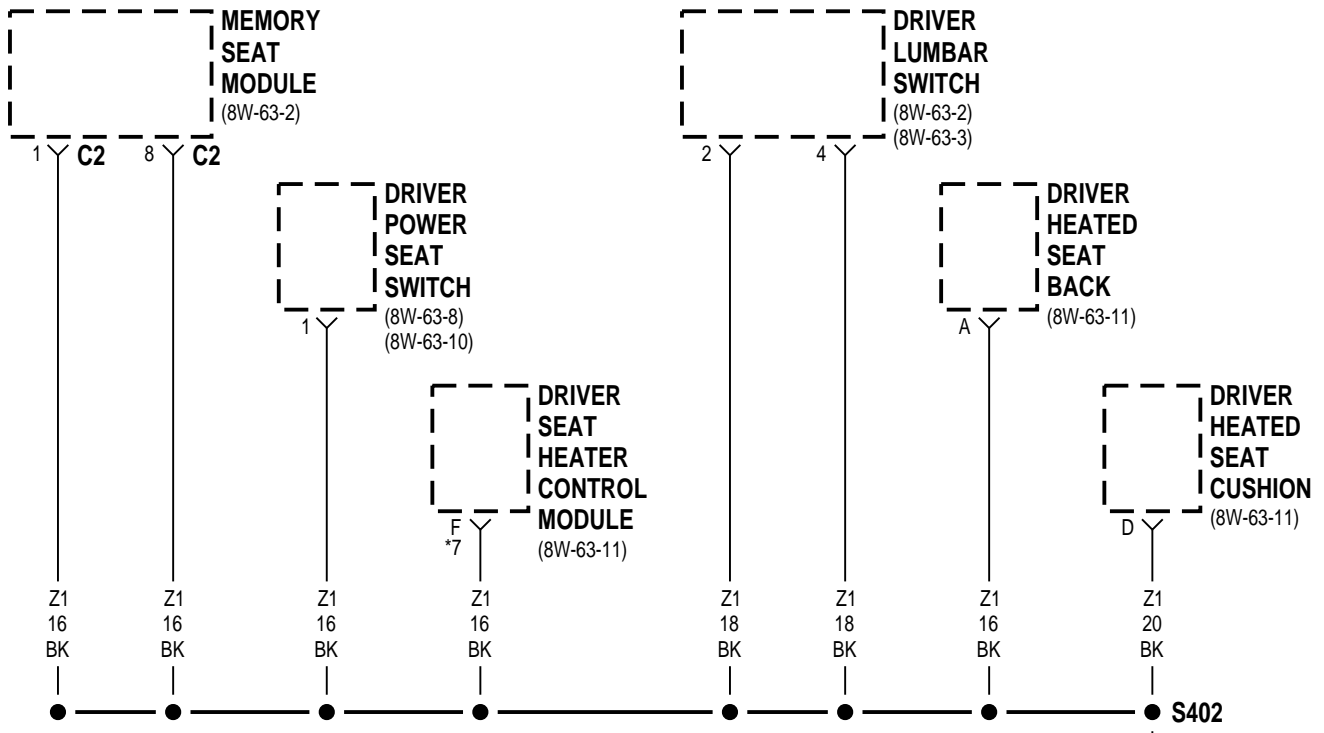




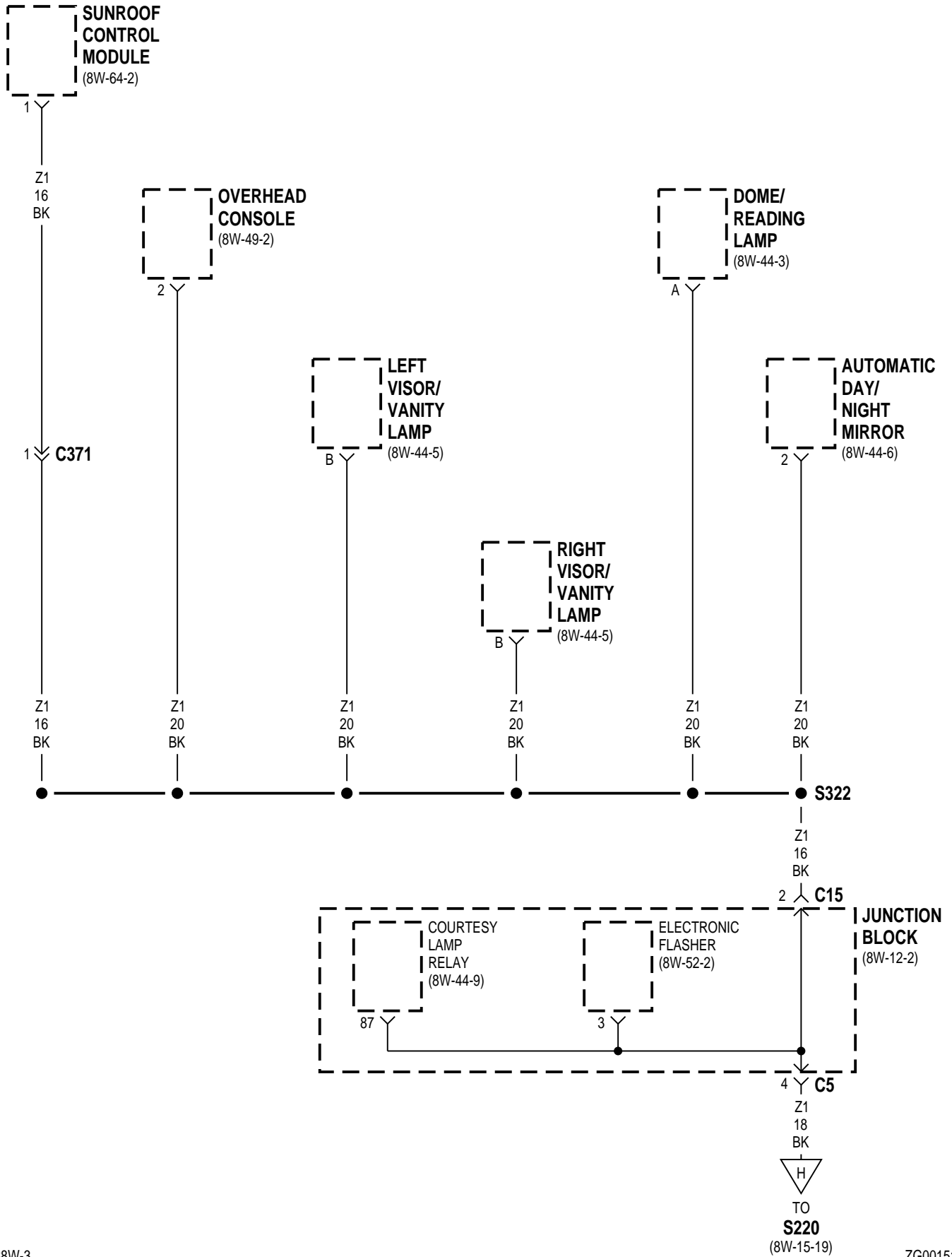


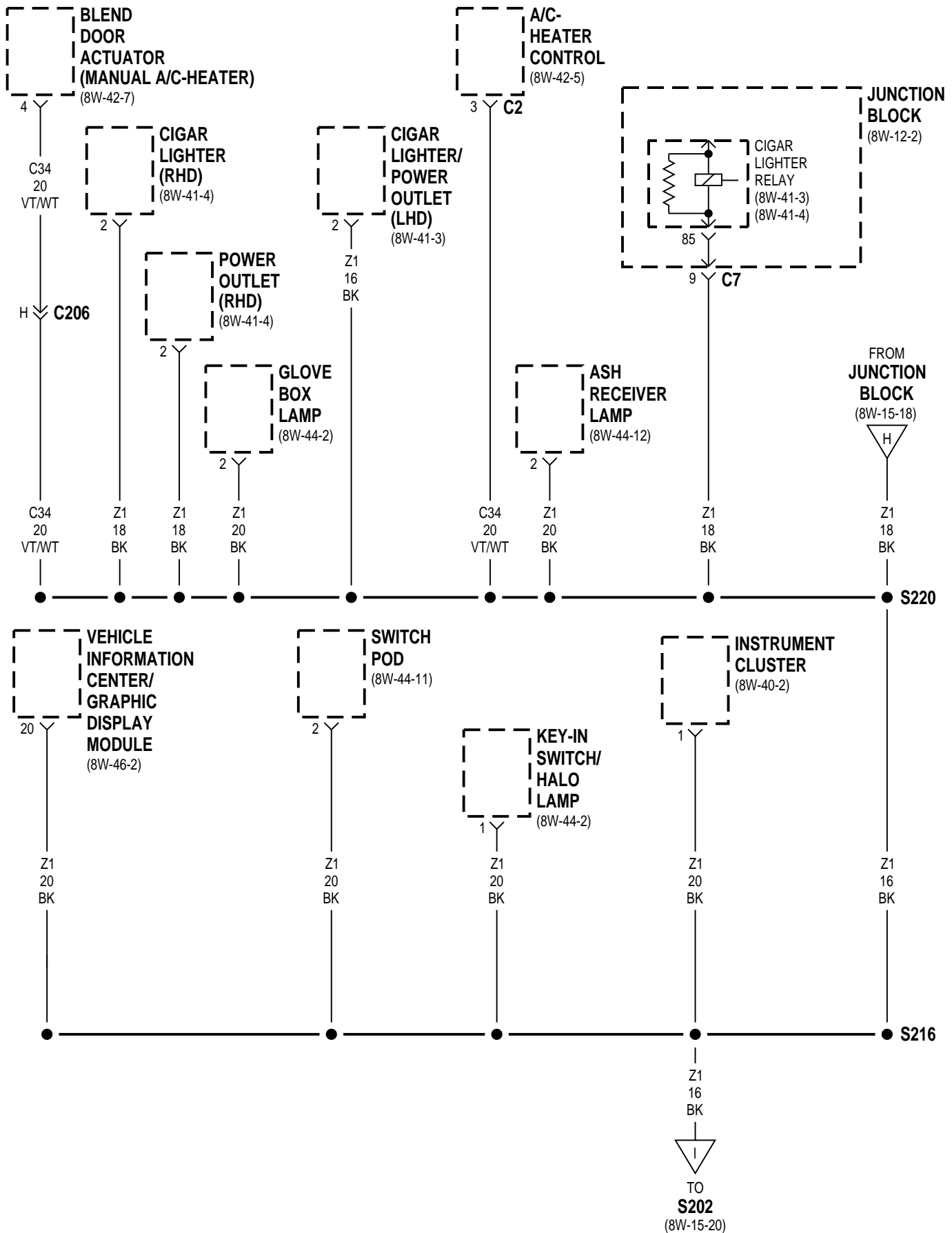


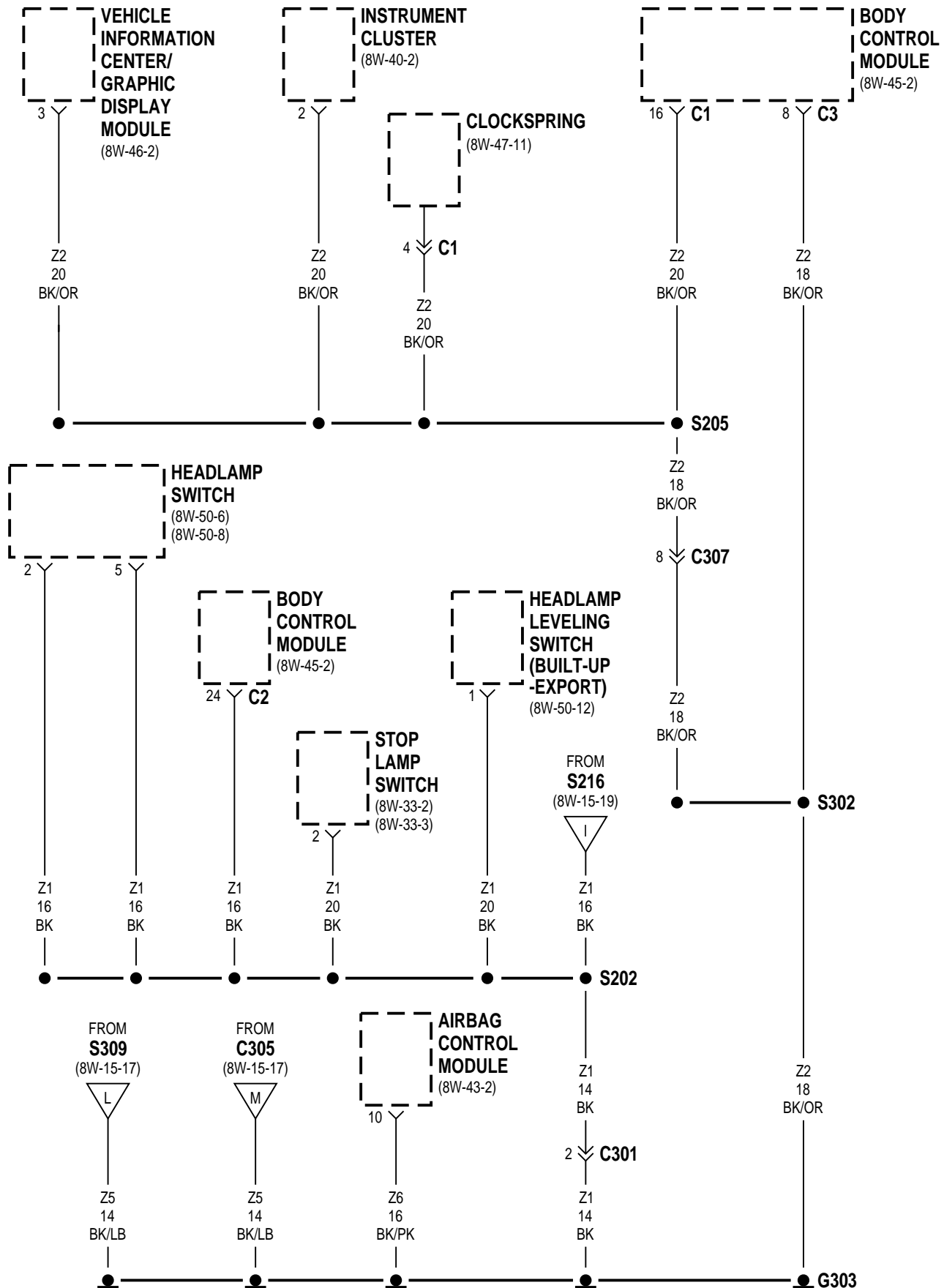




\* RHD  
 • LIMITED PLUS

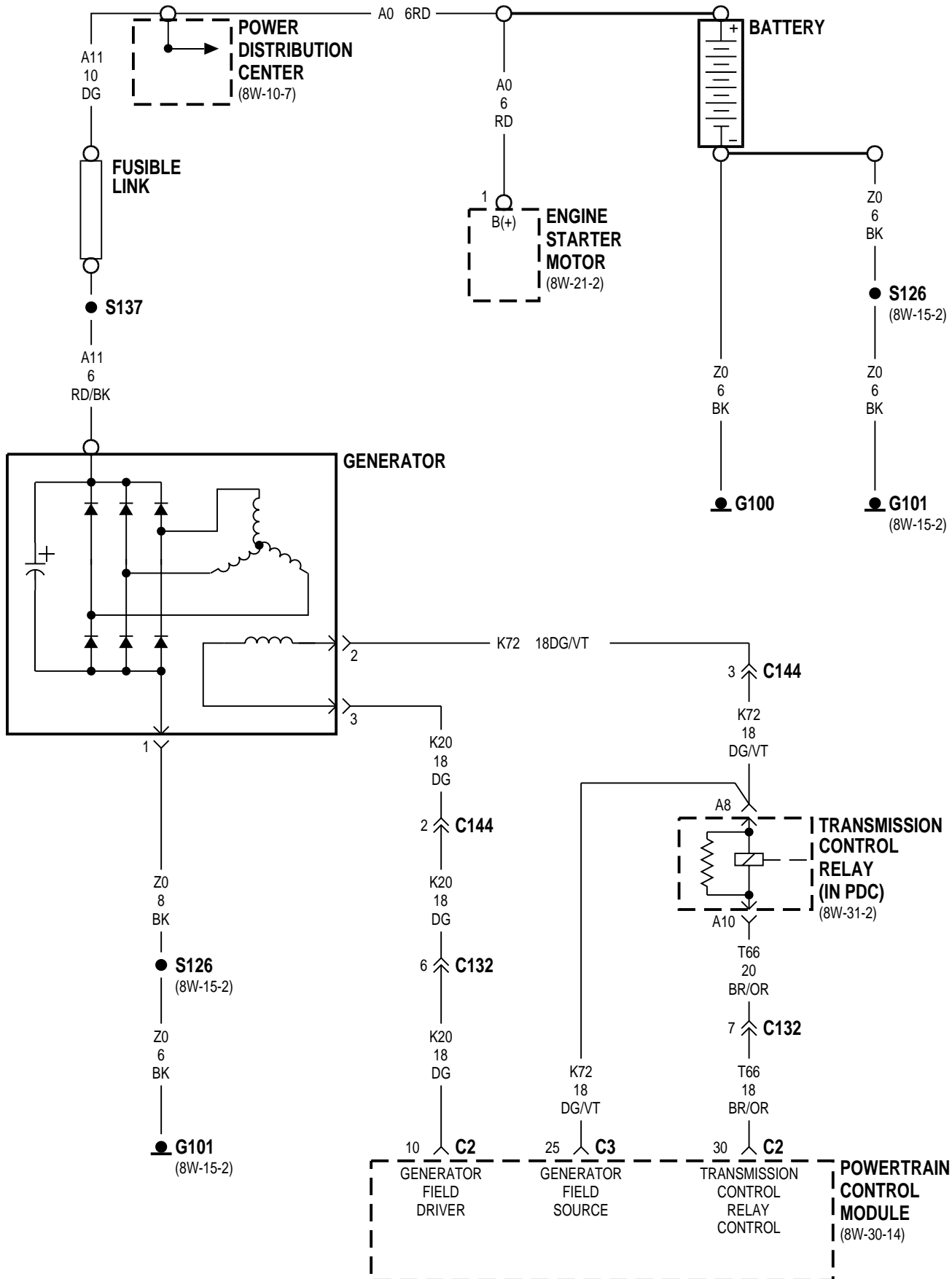


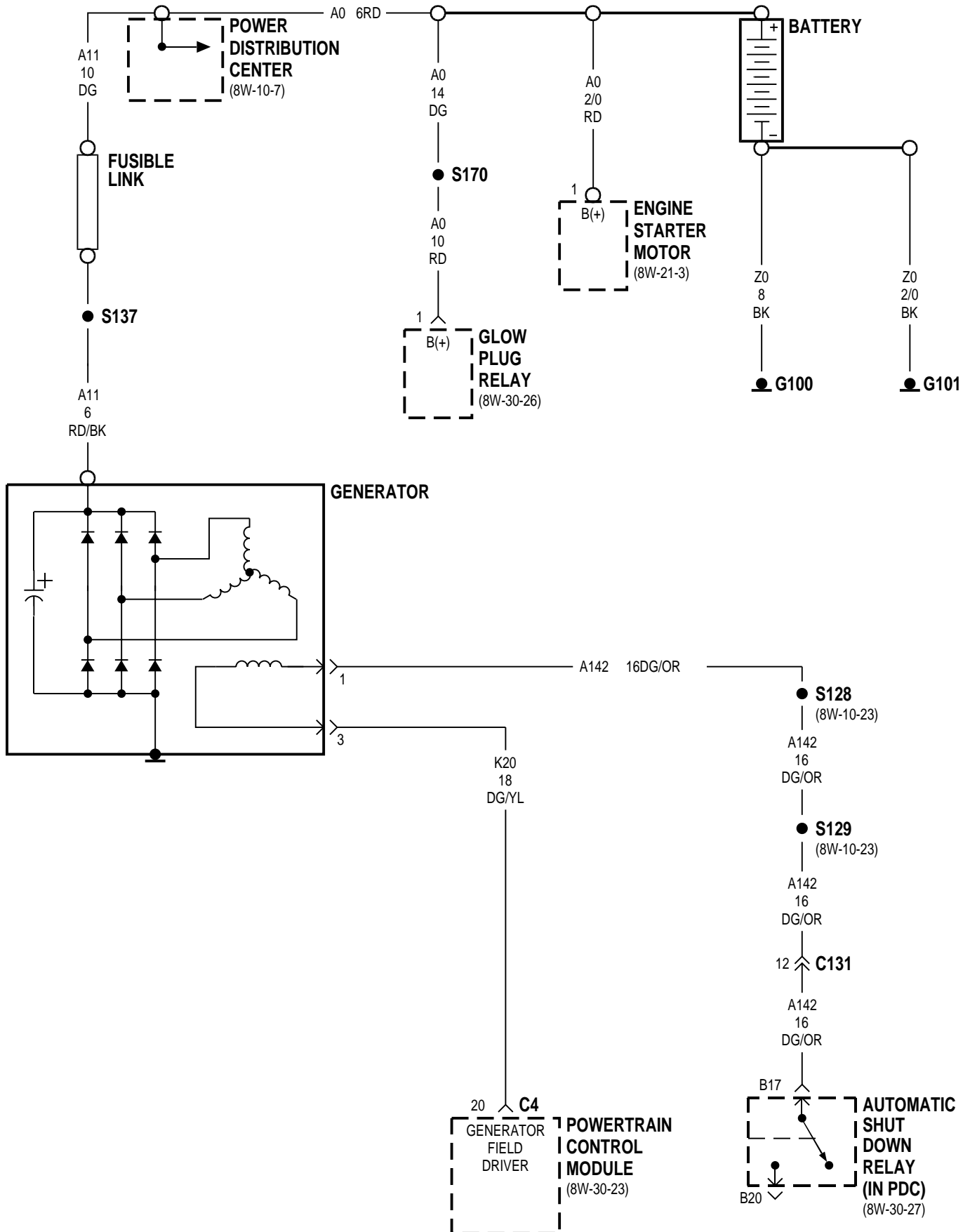




## 8W-20 CHARGING SYSTEM

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G100 . . . . .	.8W-20-2, 3	Transmission Control Relay . . . . .	.8W-20-2
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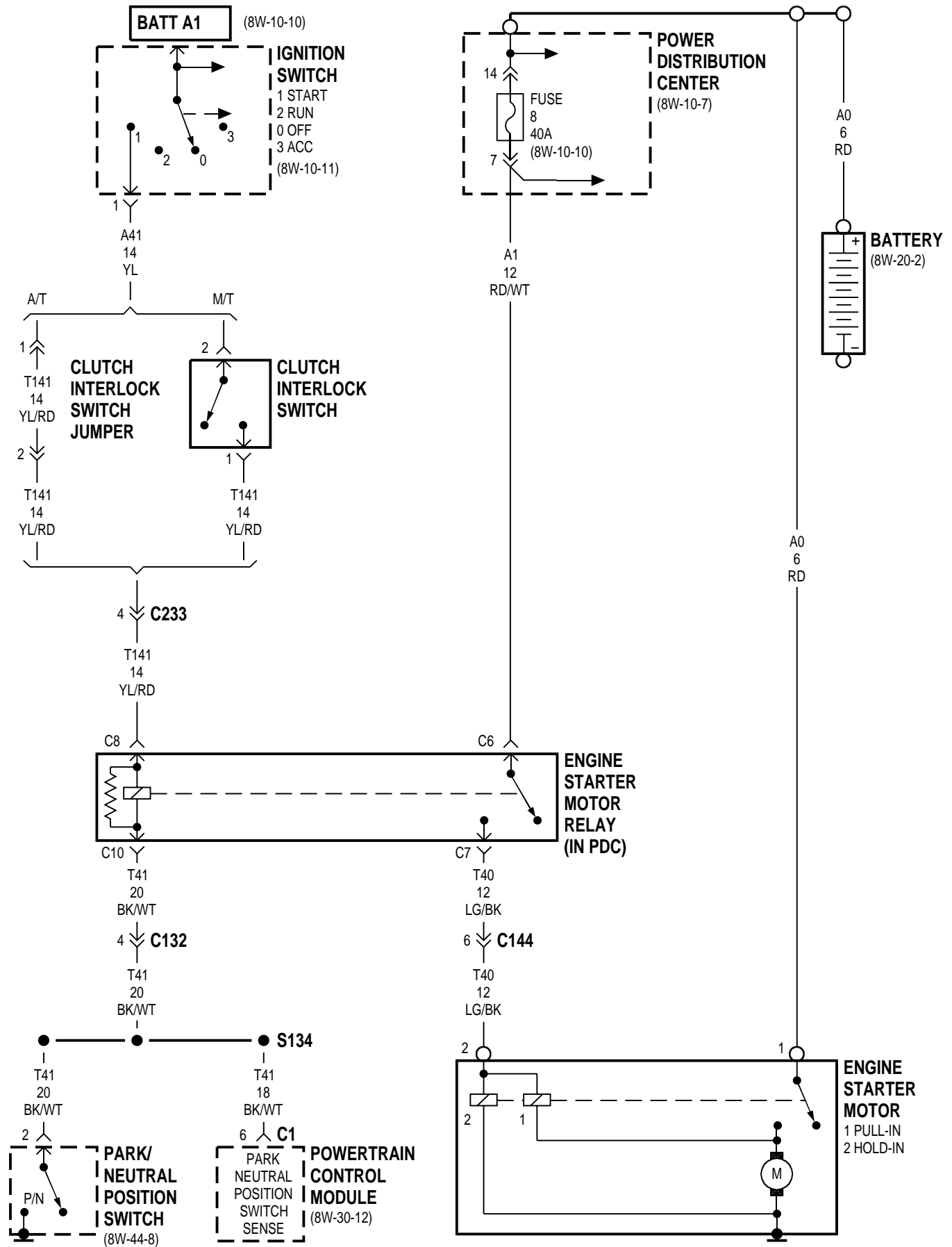


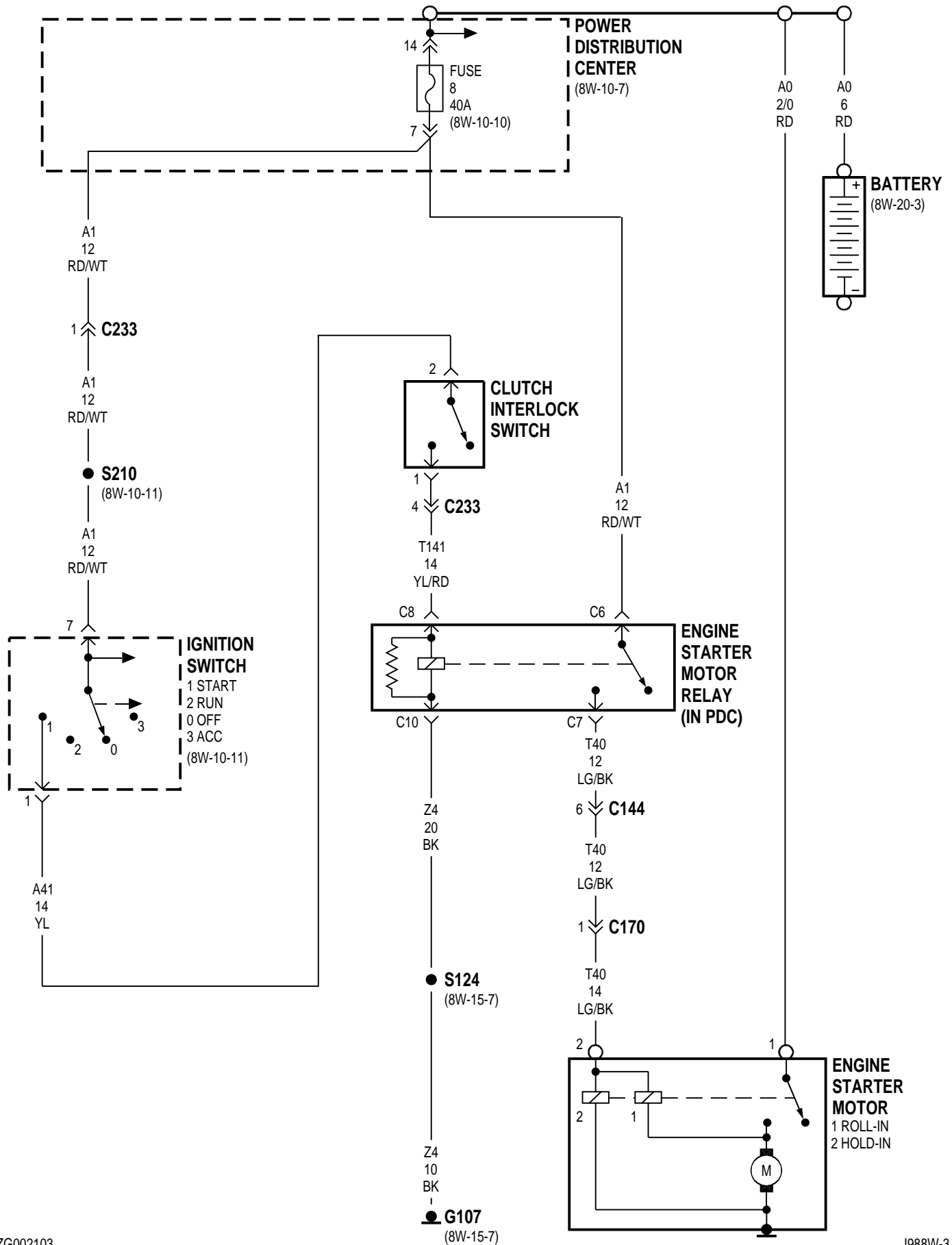


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Fuse 8 (PDC) . . . . .	.8W-21-2, 3		

GAS

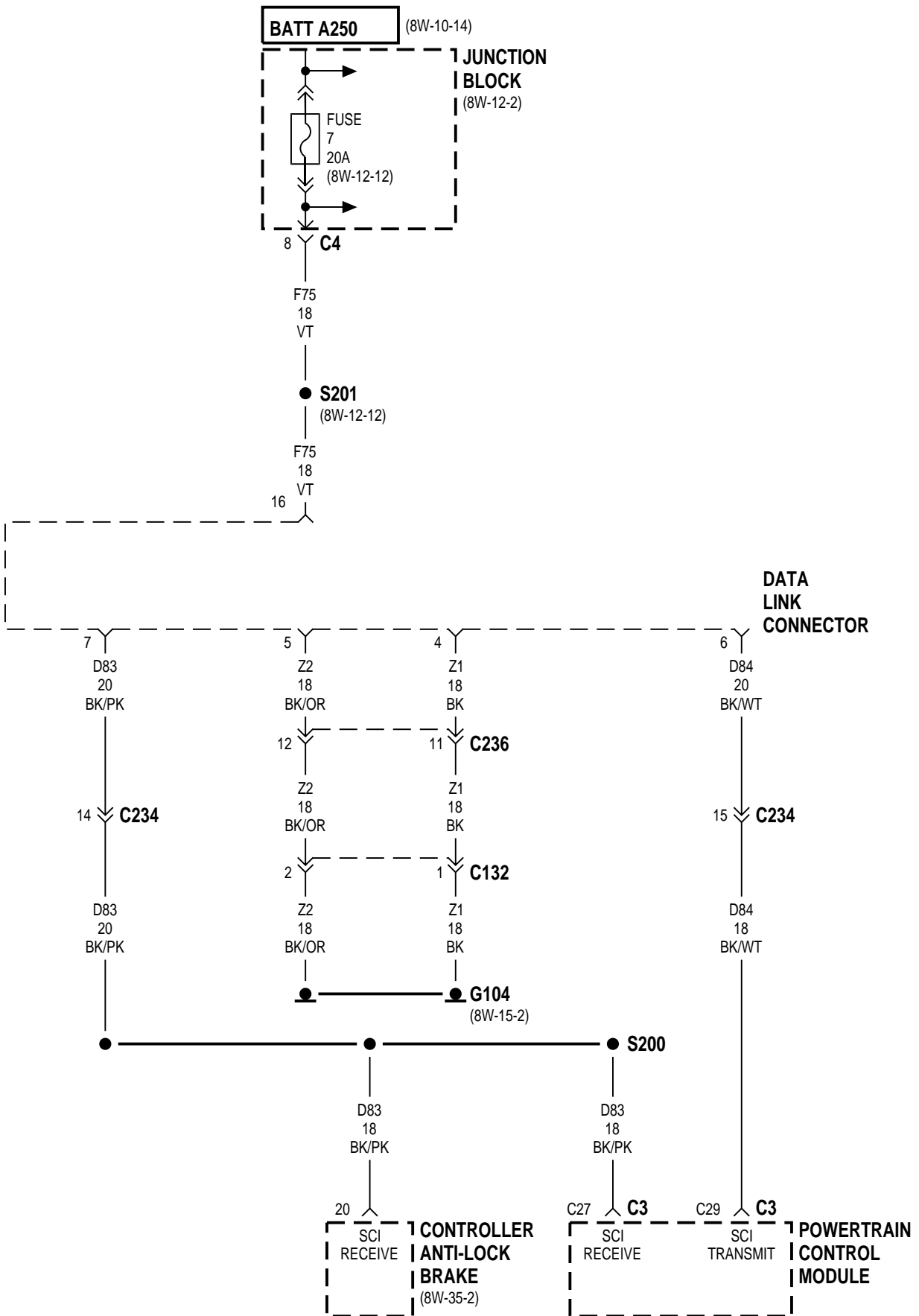


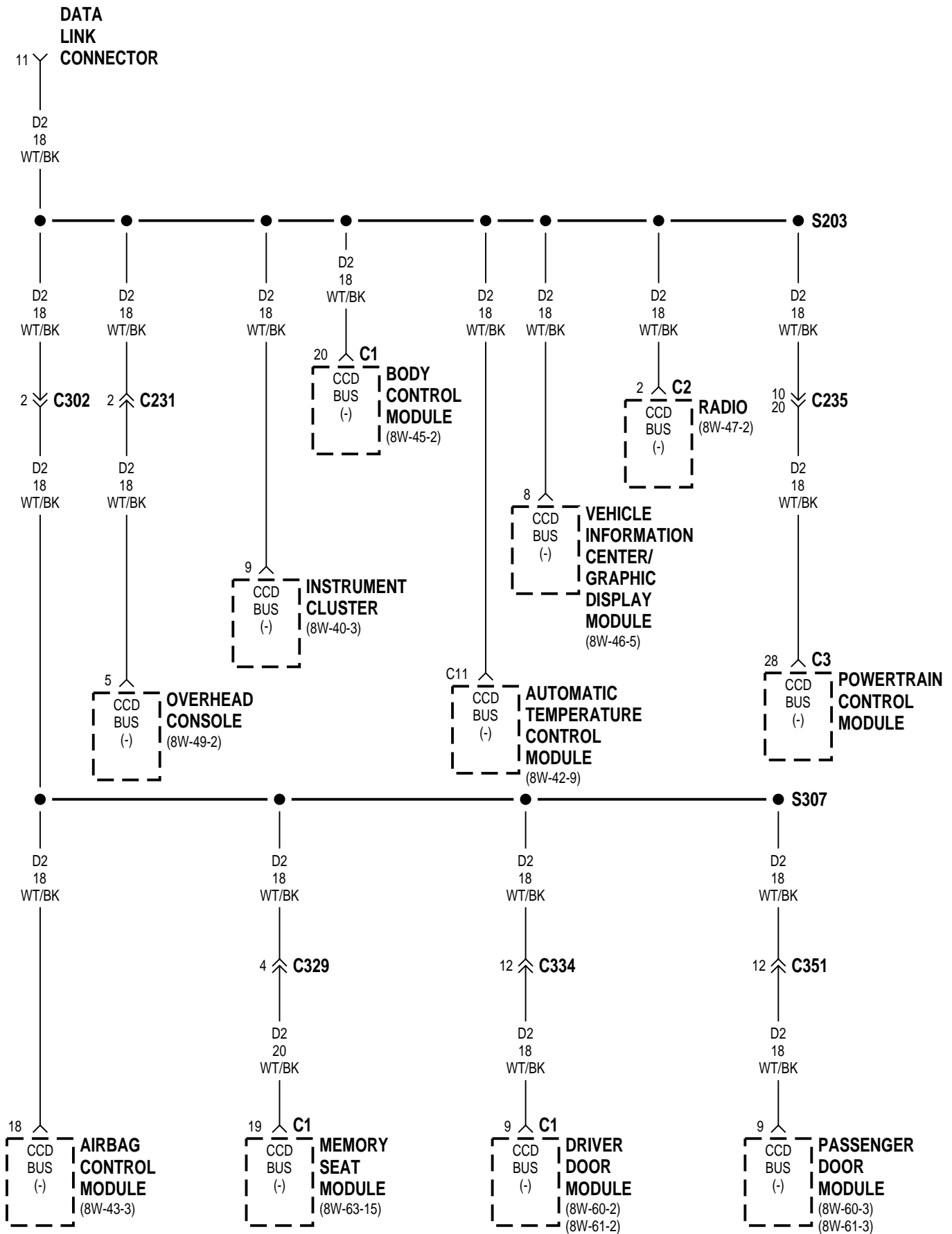


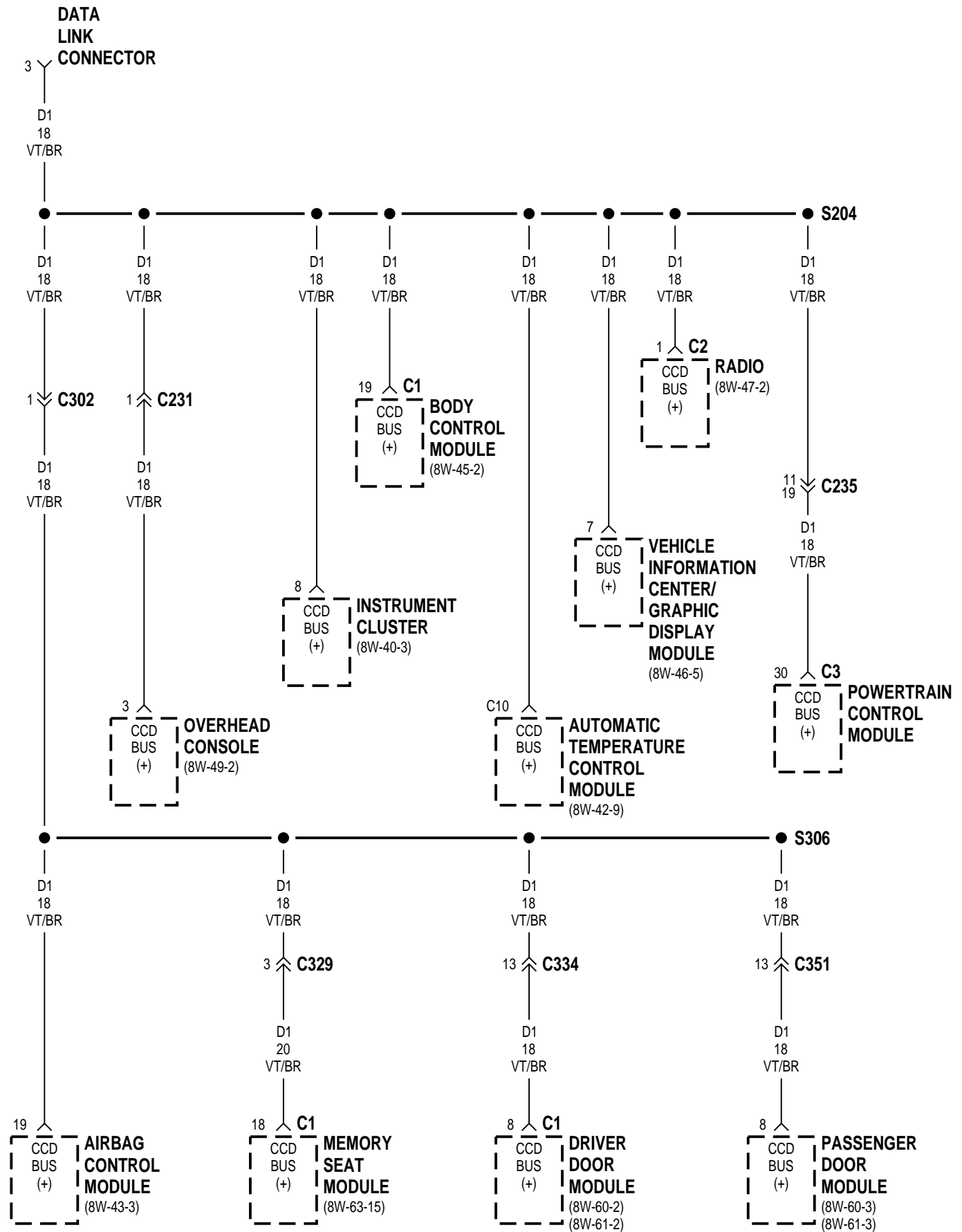


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Fuel Injector No. 6 . . . . .	8W-30-16, 18	Radio . . . . .	8W-30-3, 4, 20, 21
Fuel Injector No. 7 . . . . .	8W-30-17	Stop Lamp Switch . . . . .	8W-30-12, 29
Fuel Injector No. 8 . . . . .	8W-30-18	Throttle Position Sensor . . . . .	8W-30-7, 8
Fuel Pump Module . . . . .	8W-30-11, 25, 26	Transmission Control Relay . . . . .	8W-30-14
Fuel Pump Relay . . . . .	8W-30-11	Transmission Solenoid Assembly . . . . .	8W-30-14, 15
Fuel Sender Unit . . . . .	8W-30-28	Upper Hose Coolant Switch . . . . .	8W-30-30, 31
Fuse 2 (PDC) . . . . .	8W-30-30, 31	Upstream Heated Oxygen Sensor . . . . .	8W-30-10
Fuse 4 (PDC) . . . . .	8W-30-27	Vehicle Information Center/Graphic Display Module . . . . .	8W-30-3, 4, 20, 21, 28
Fuse 7 (JB) . . . . .	8W-30-2, 19	Vehicle Speed Control Servo . . . . .	8W-30-5, 12
Fuse 16 (PDC) . . . . .	8W-30-11, 22	Vehicle Speed Sensor . . . . .	8W-30-13, 24
Fuse 17 (PDC) . . . . .	8W-30-14	Water In Fuel Sensor . . . . .	8W-30-24
Fuse 18 (PDC) . . . . .	8W-30-5, 6, 11, 22, 27, 30, 31		
Fuse 20 (PDC) . . . . .	8W-30-5, 6, 27		
G104 . . . . .	8W-30-2, 14, 19, 22		
G105 . . . . .	8W-30-10		
G106 . . . . .	8W-30-26, 28		
G107 . . . . .	8W-30-27		
G110 . . . . .	8W-30-30, 31		
G118 . . . . .	8W-30-28		



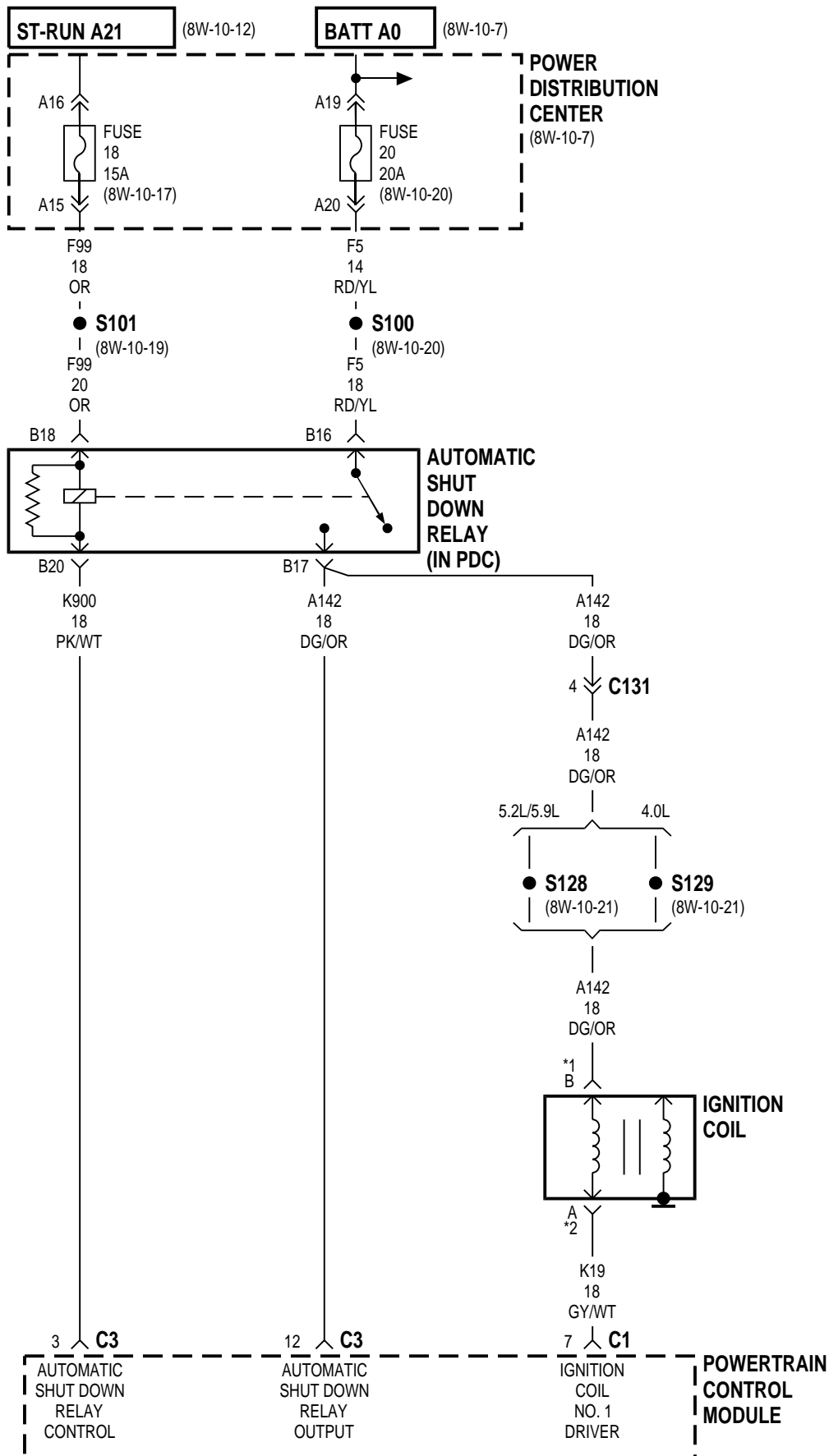




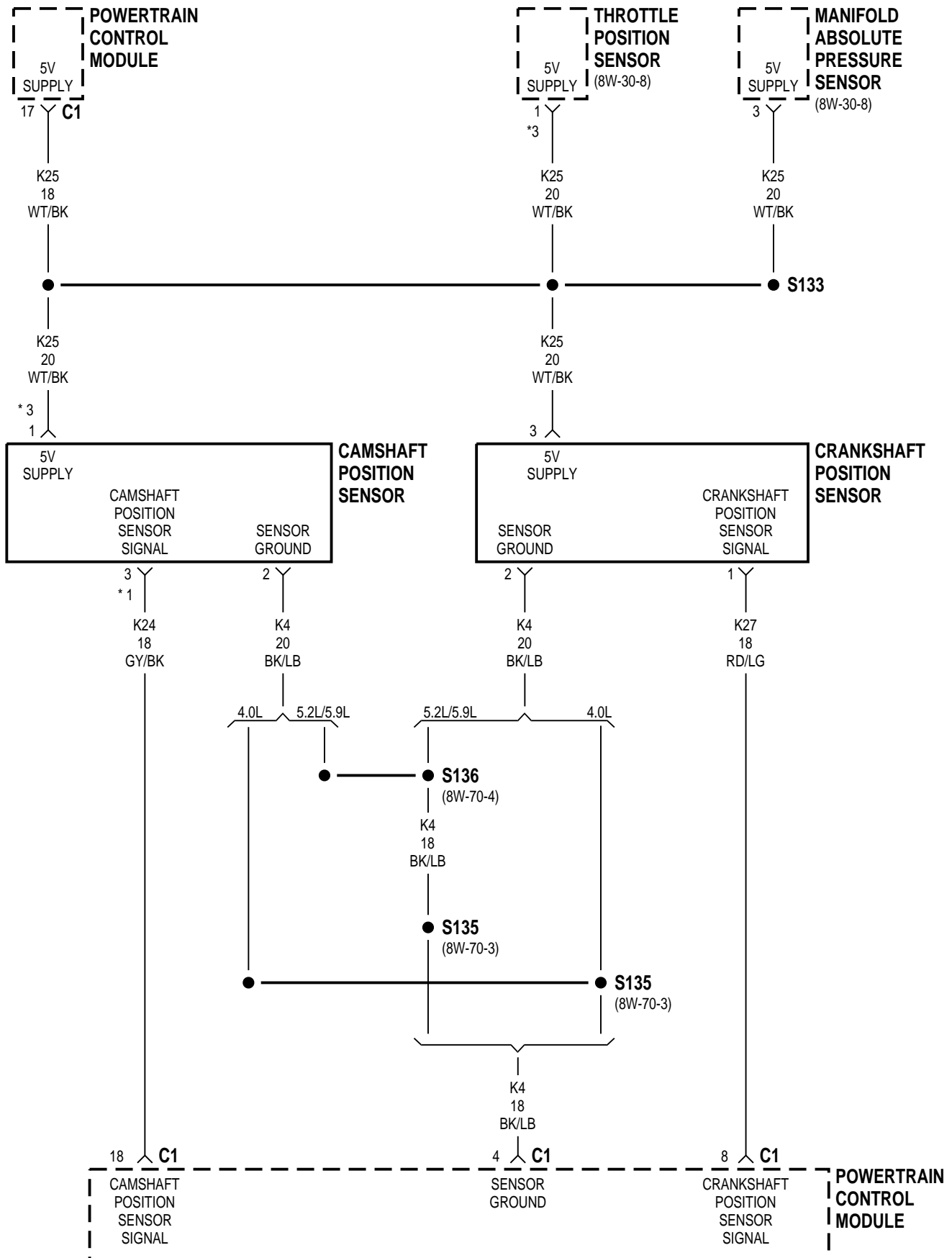


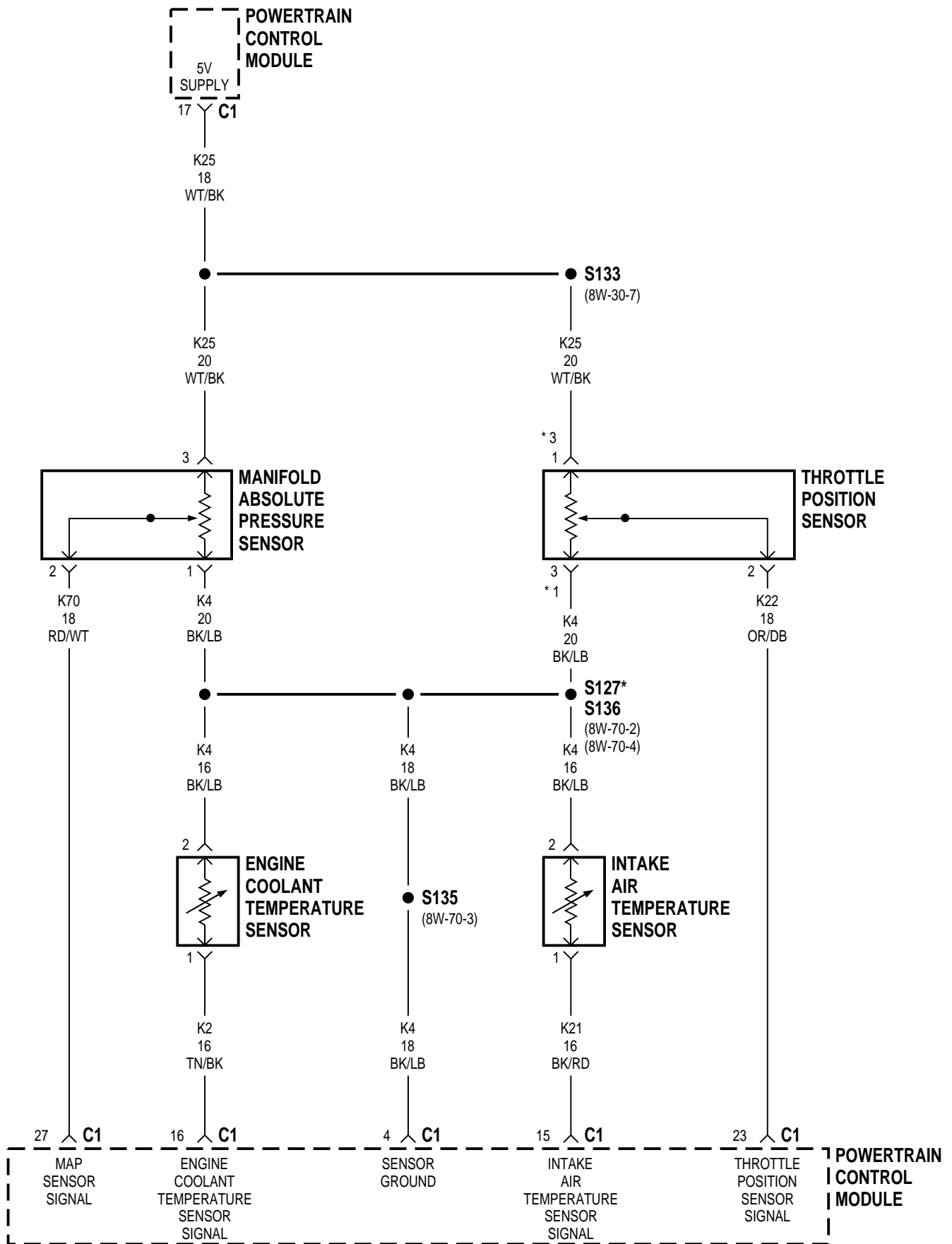


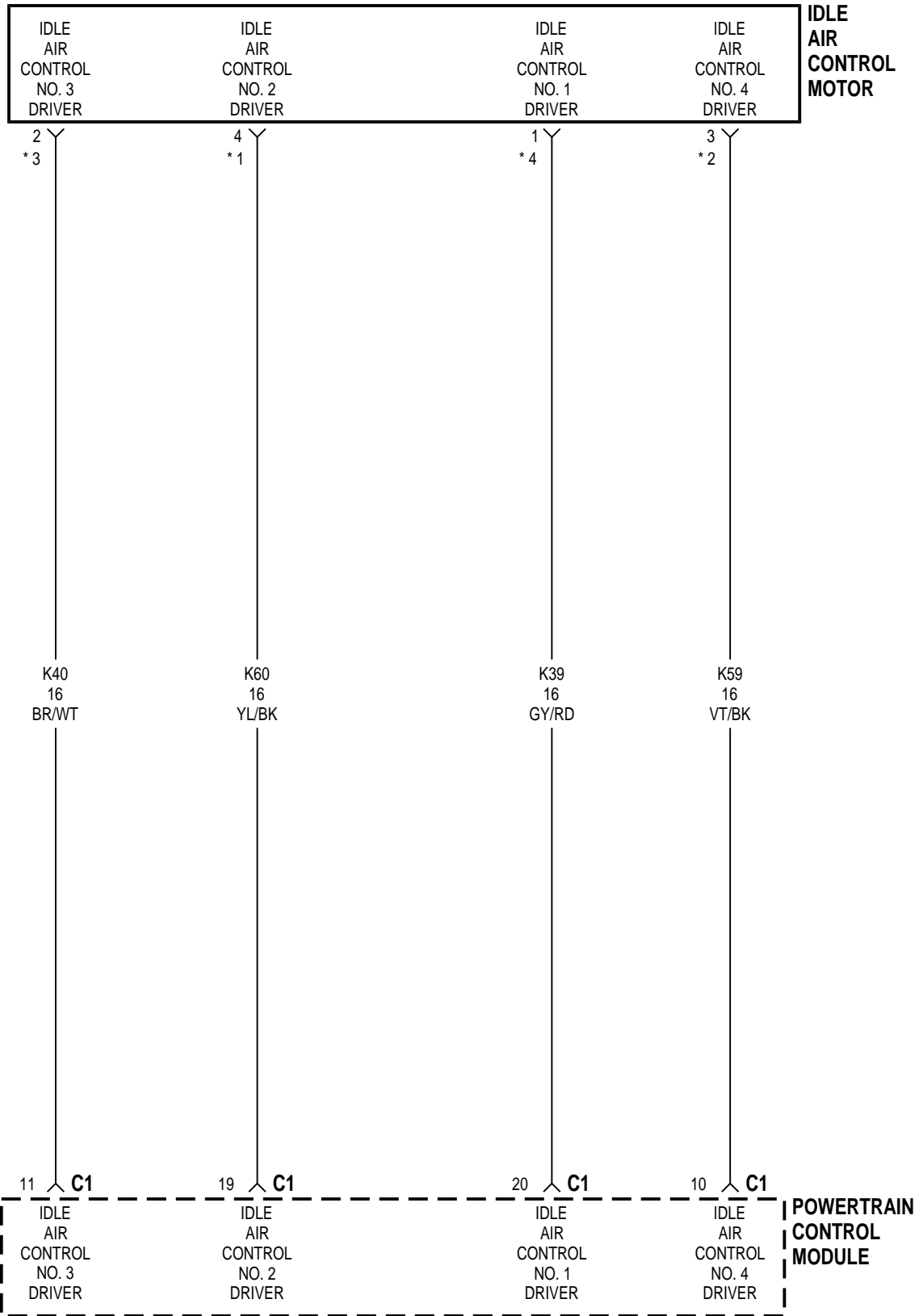
GAS



\* 4.0L RHD

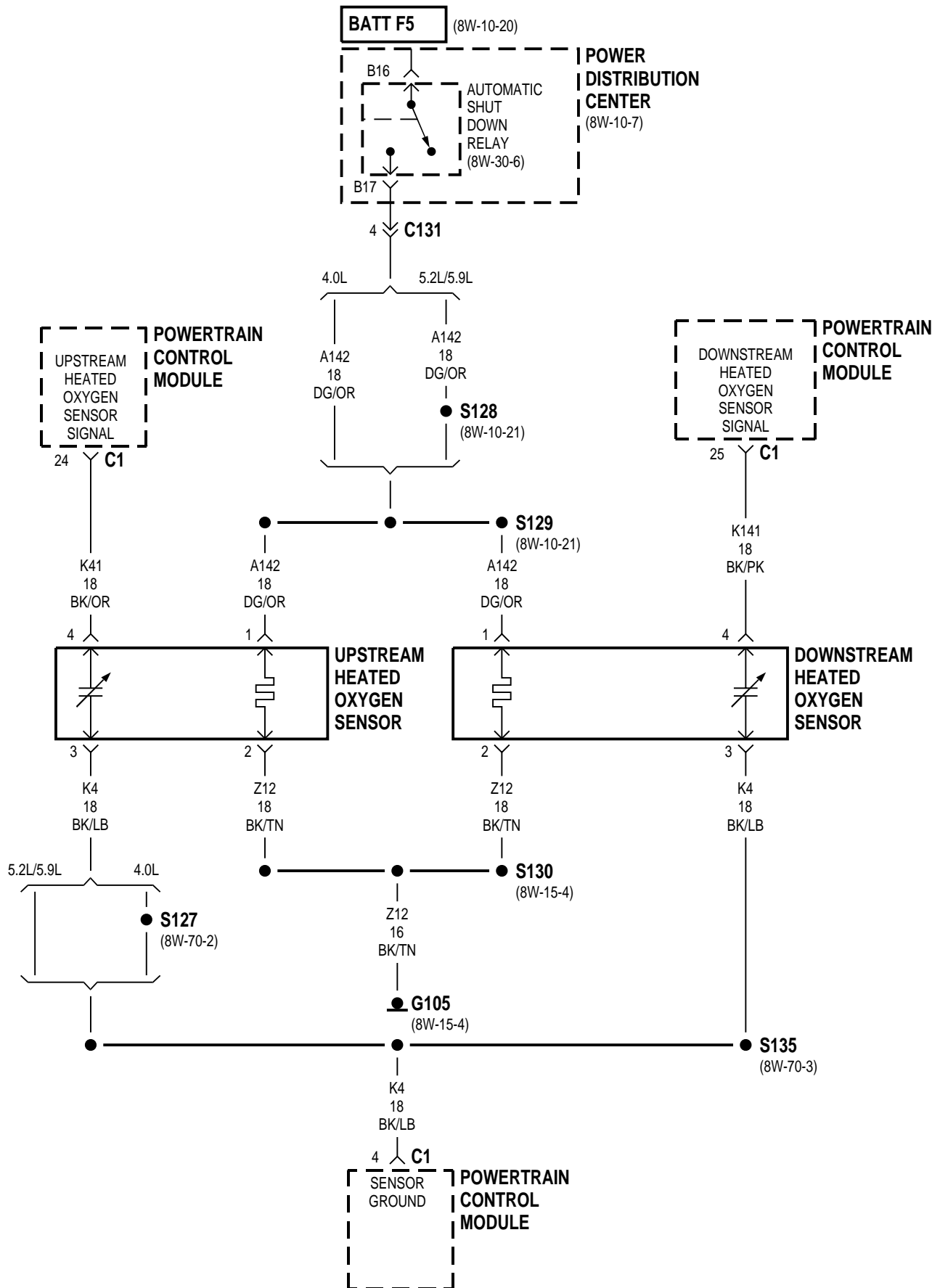




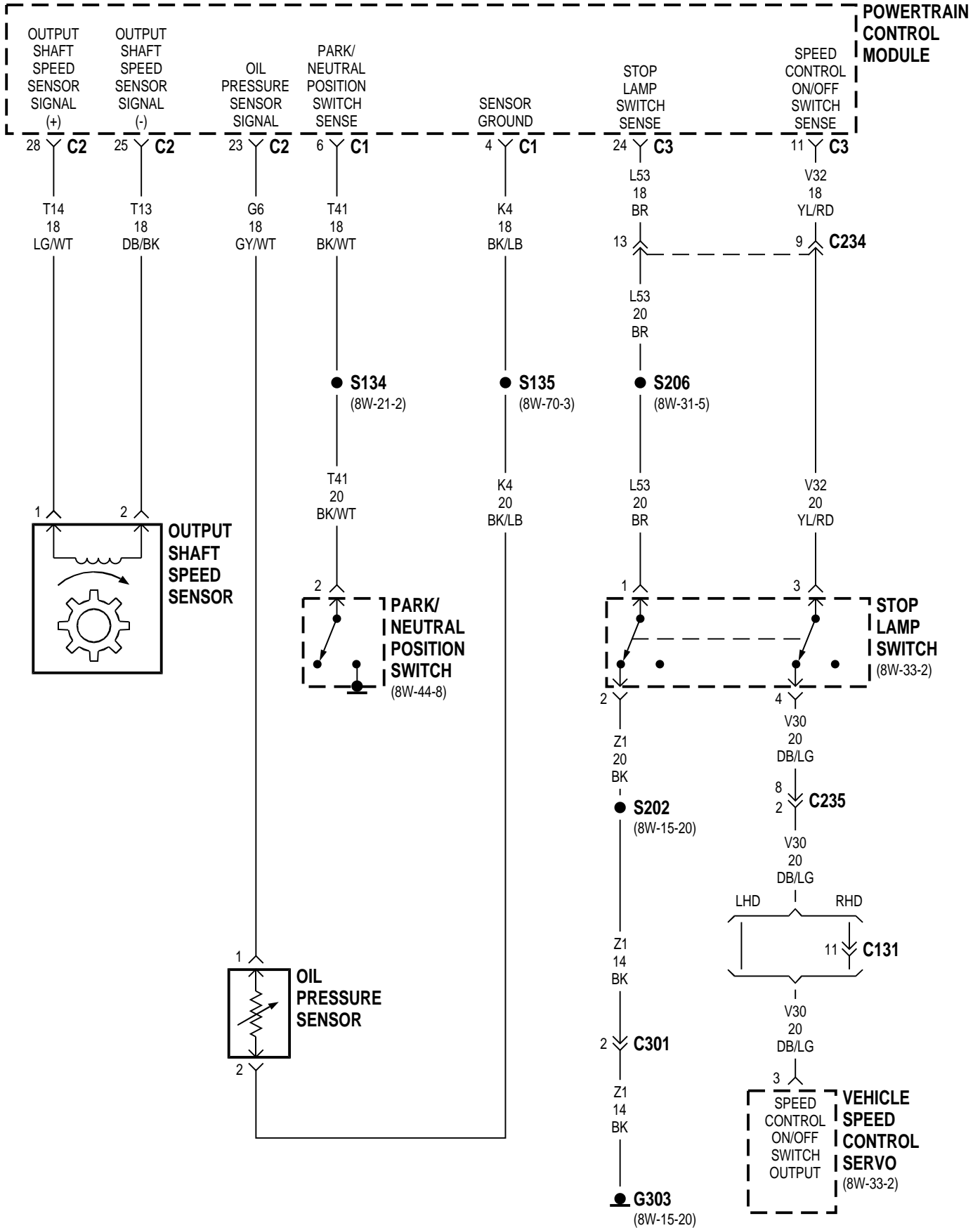


\* 4.0L

GAS

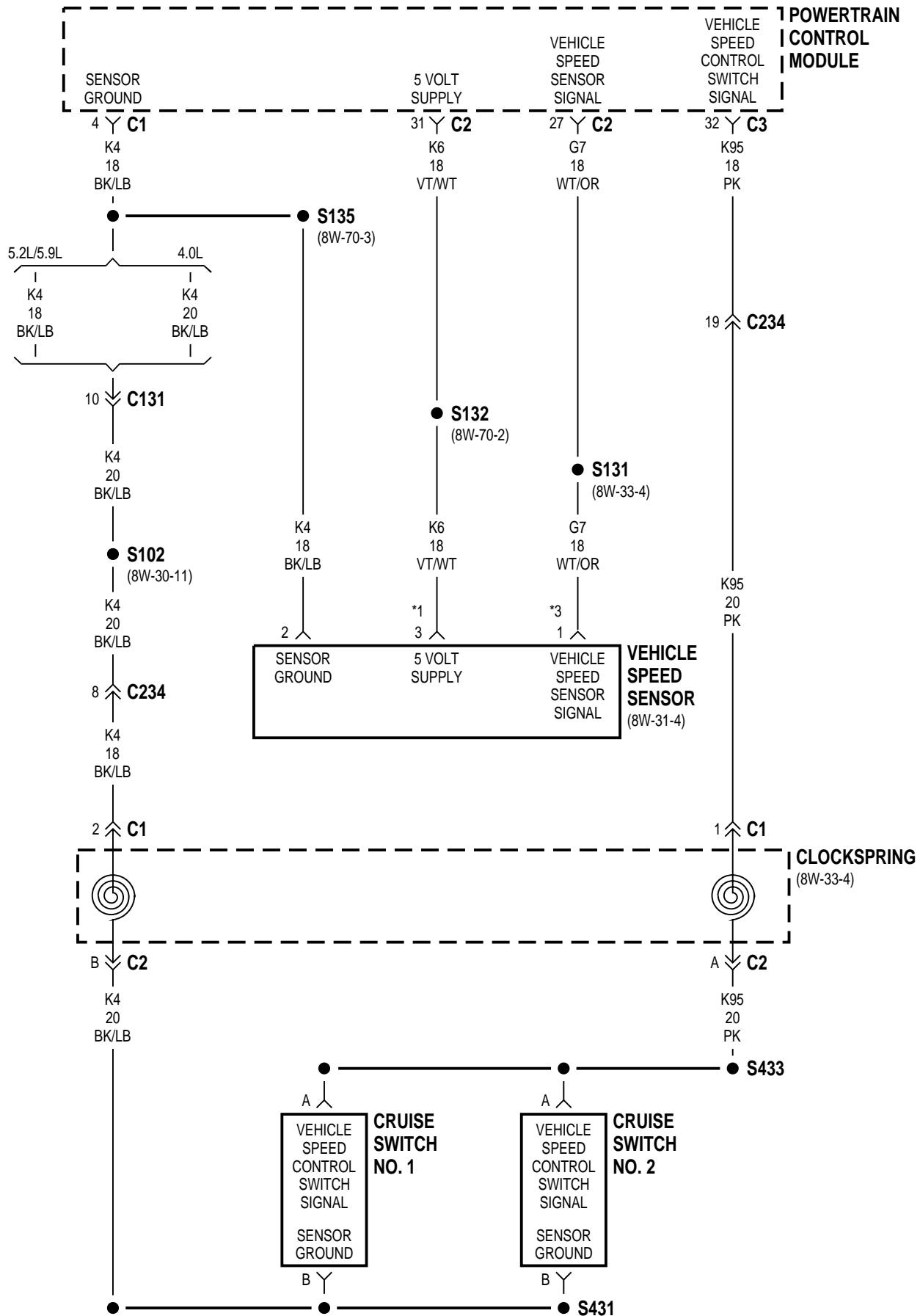




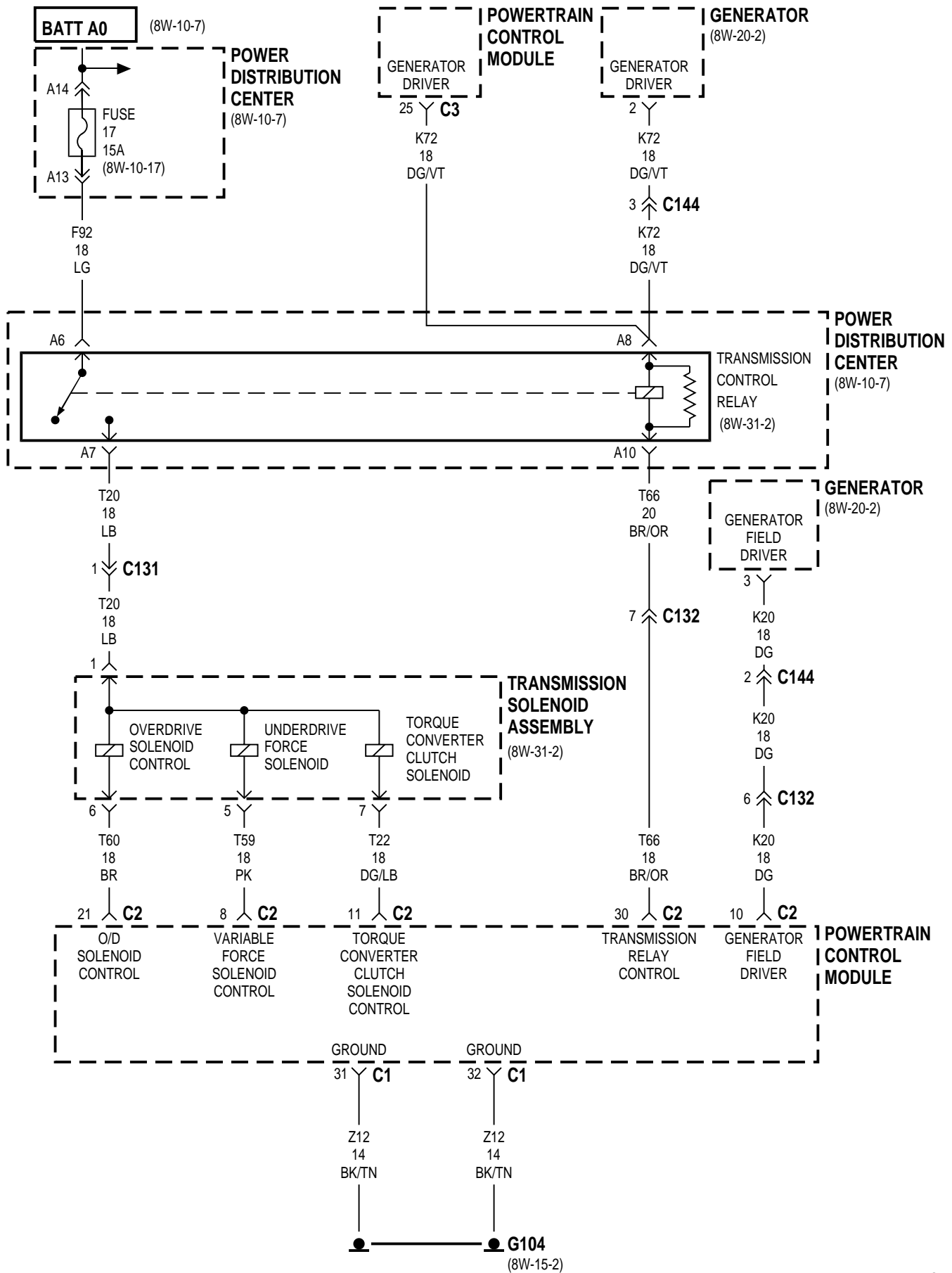


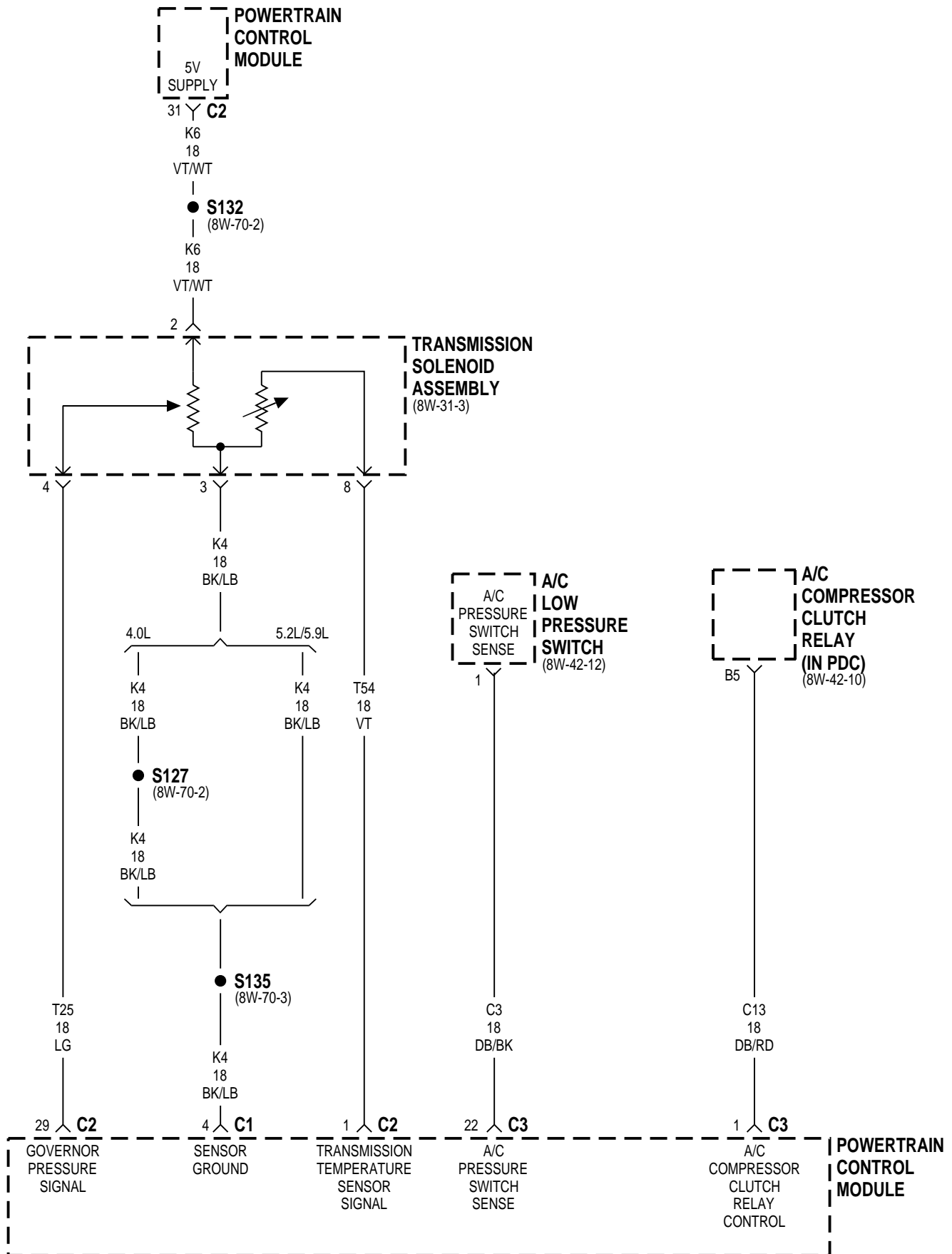


GAS

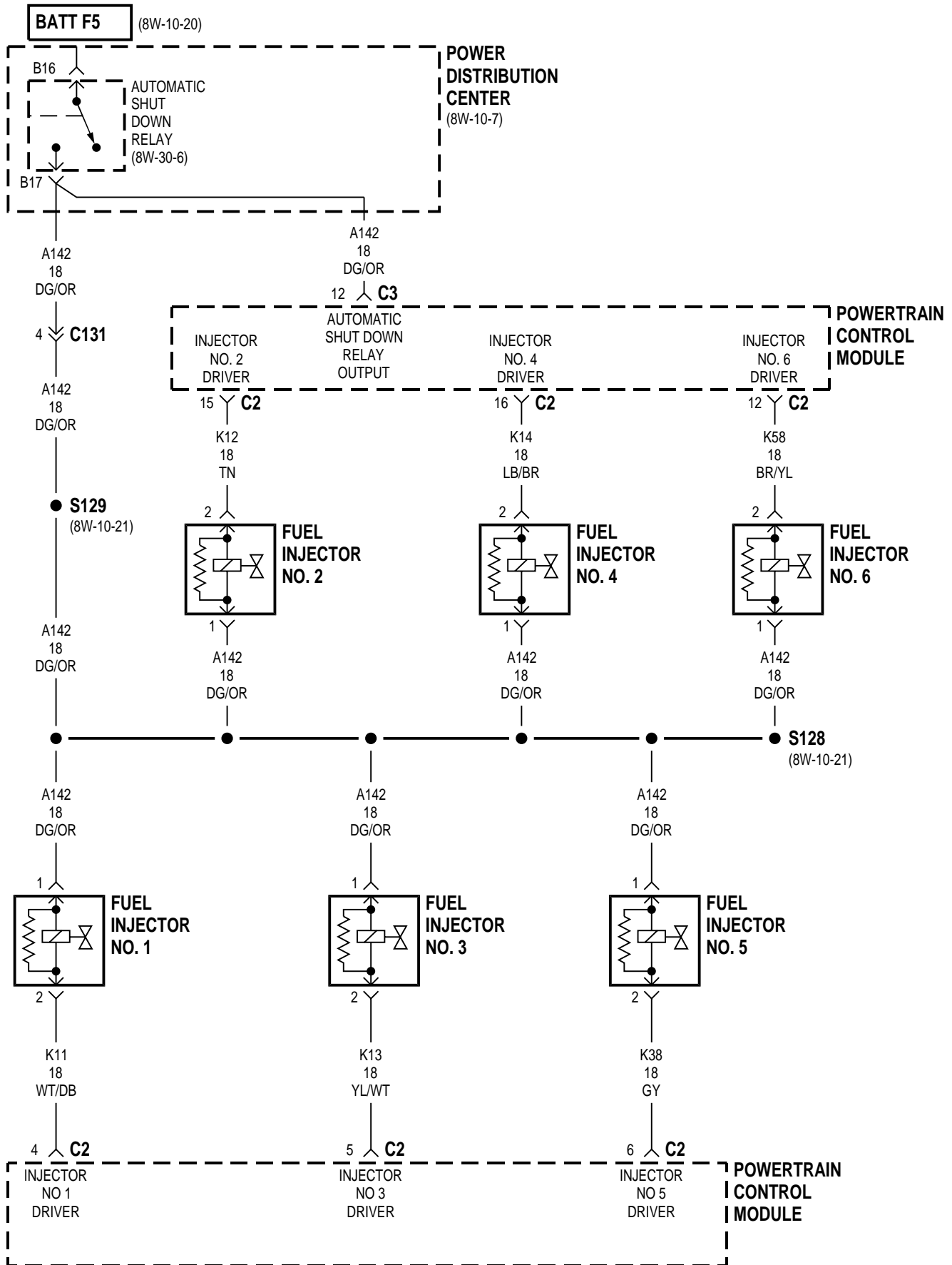


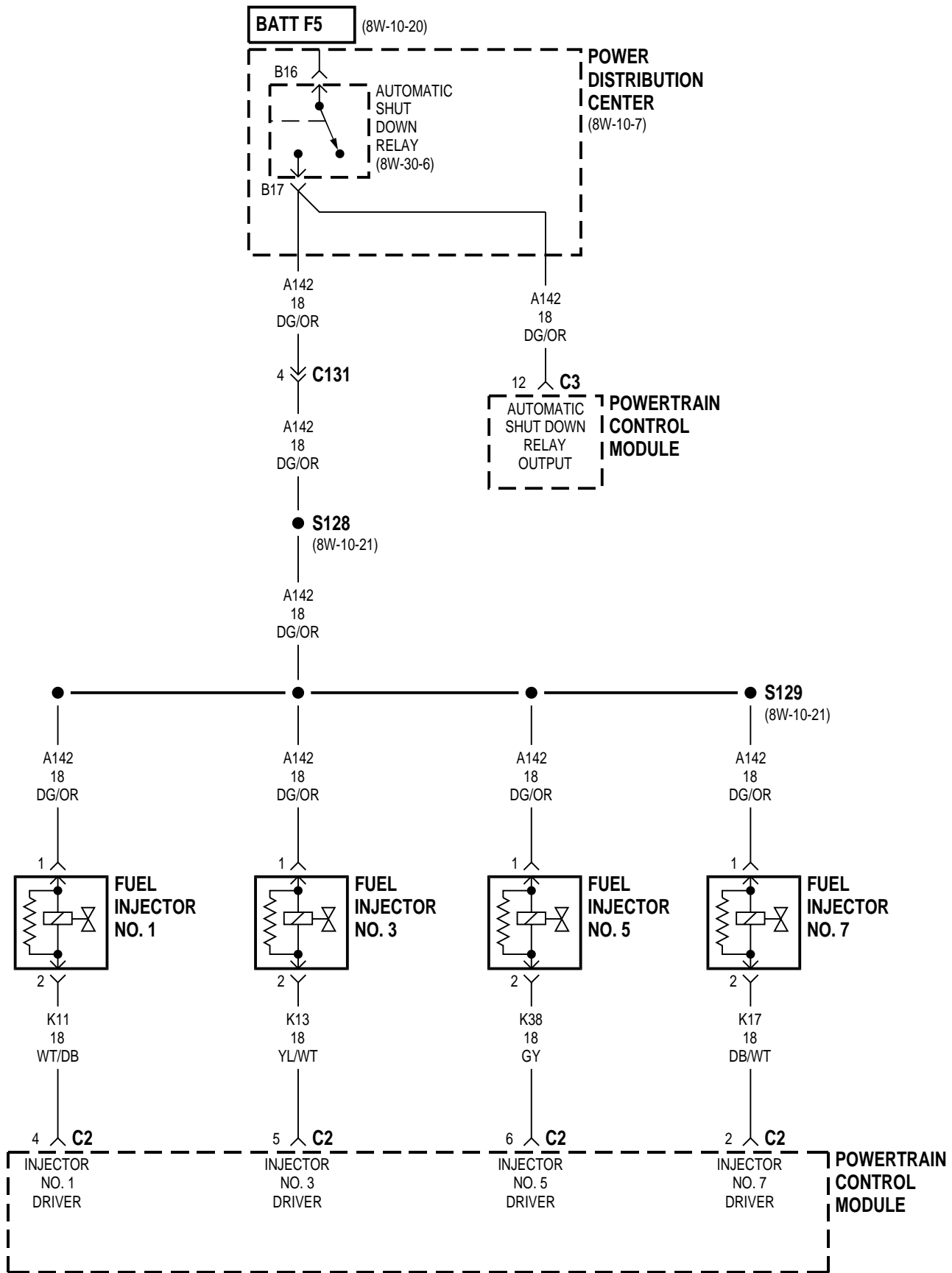
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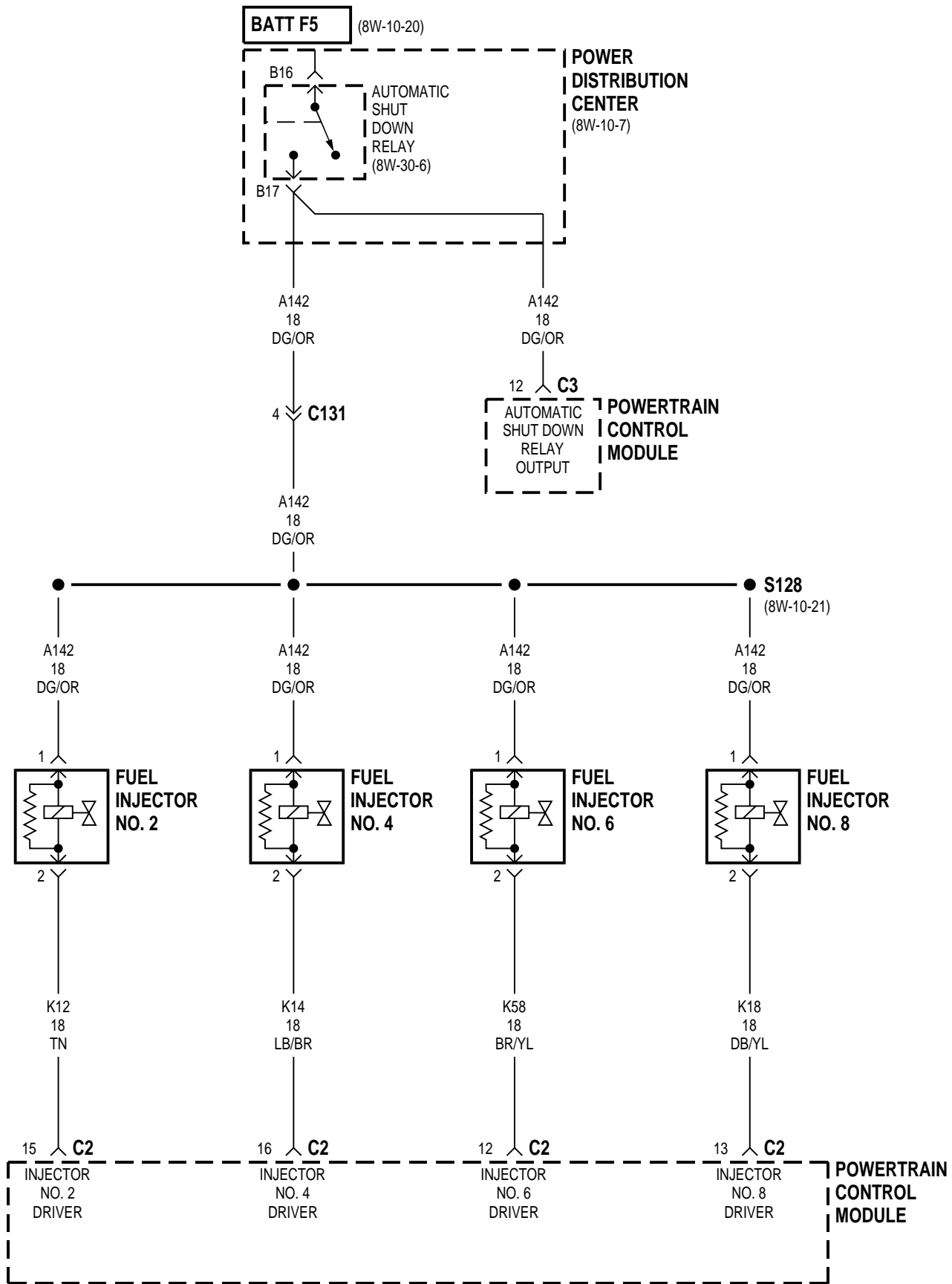


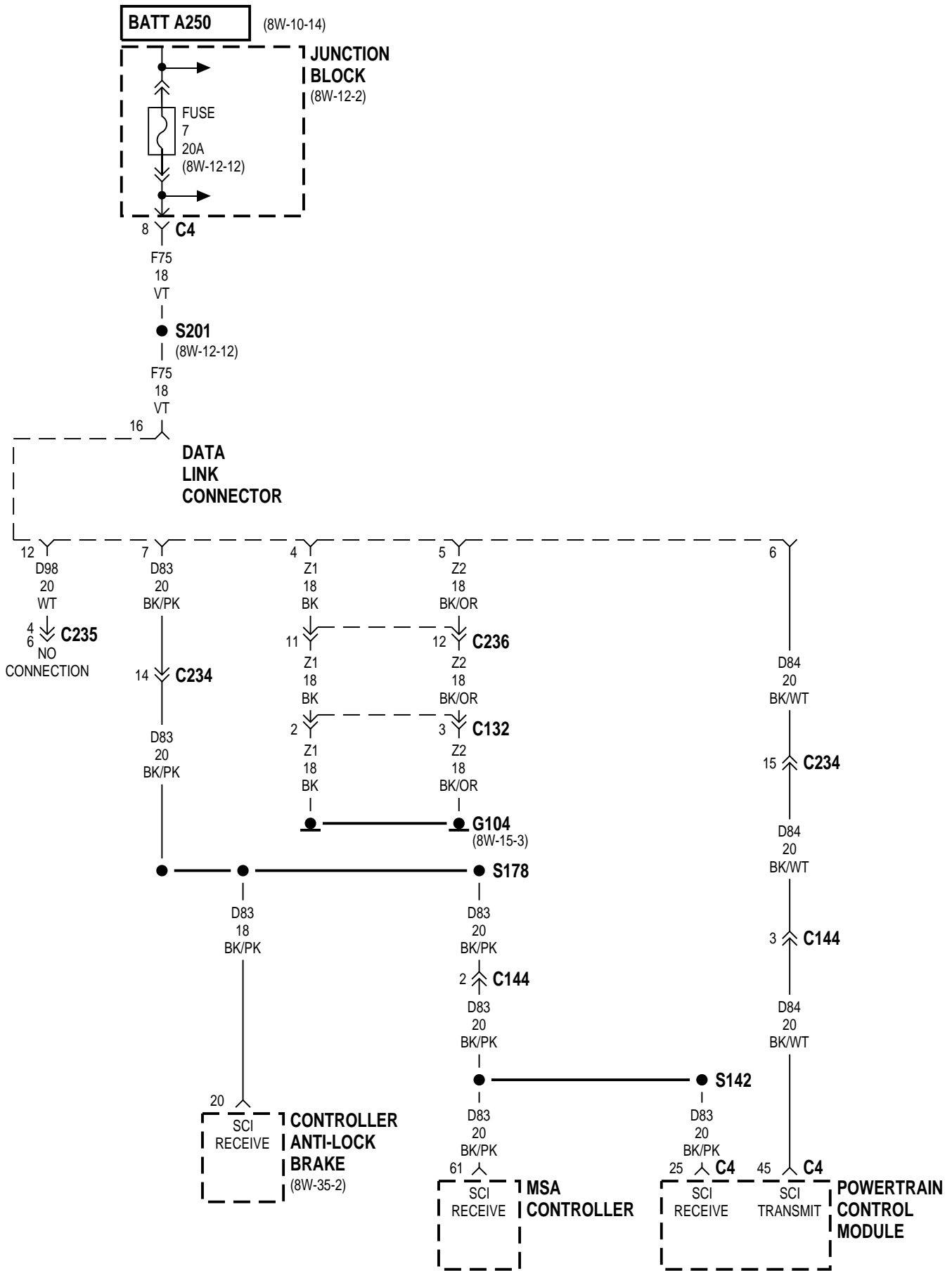


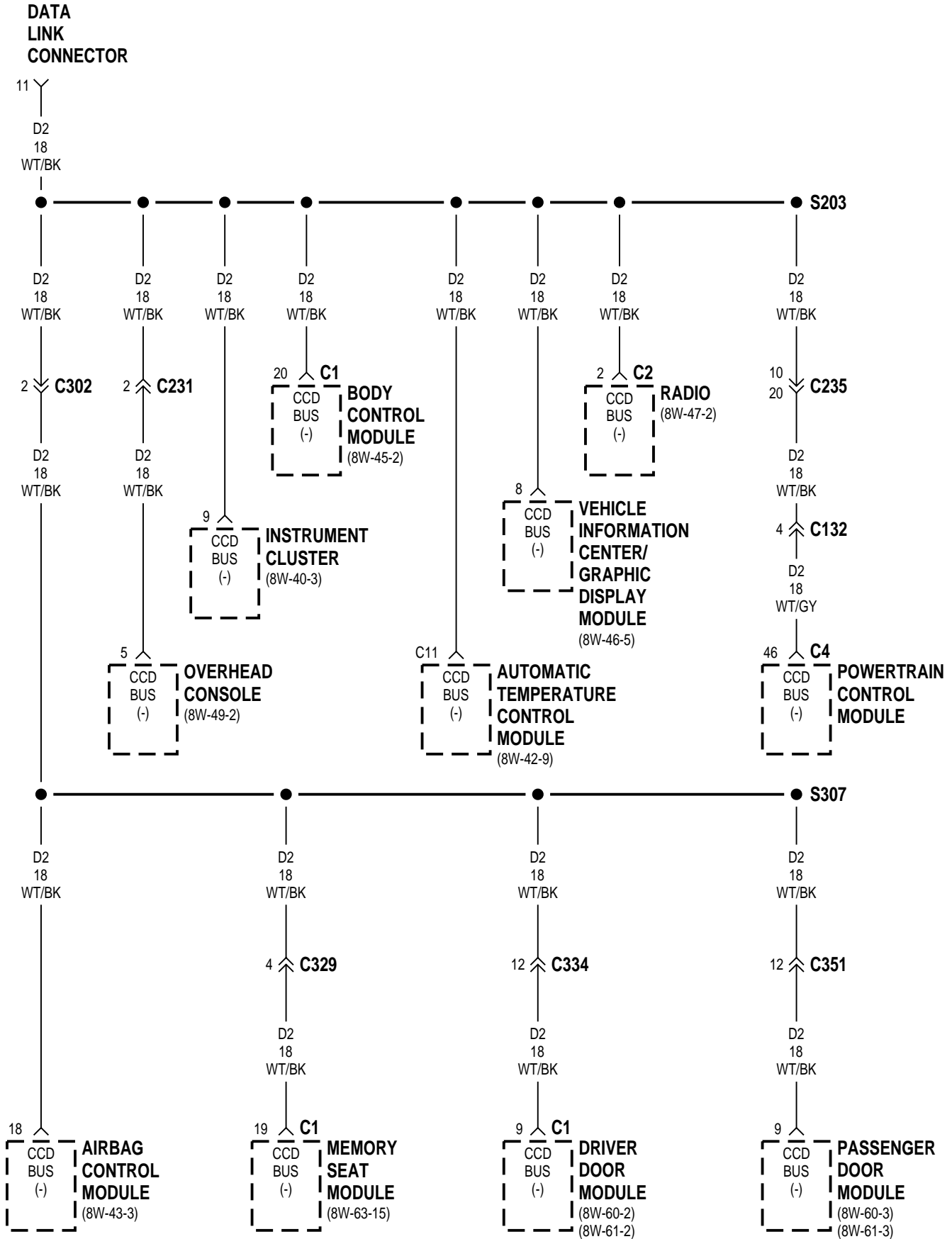
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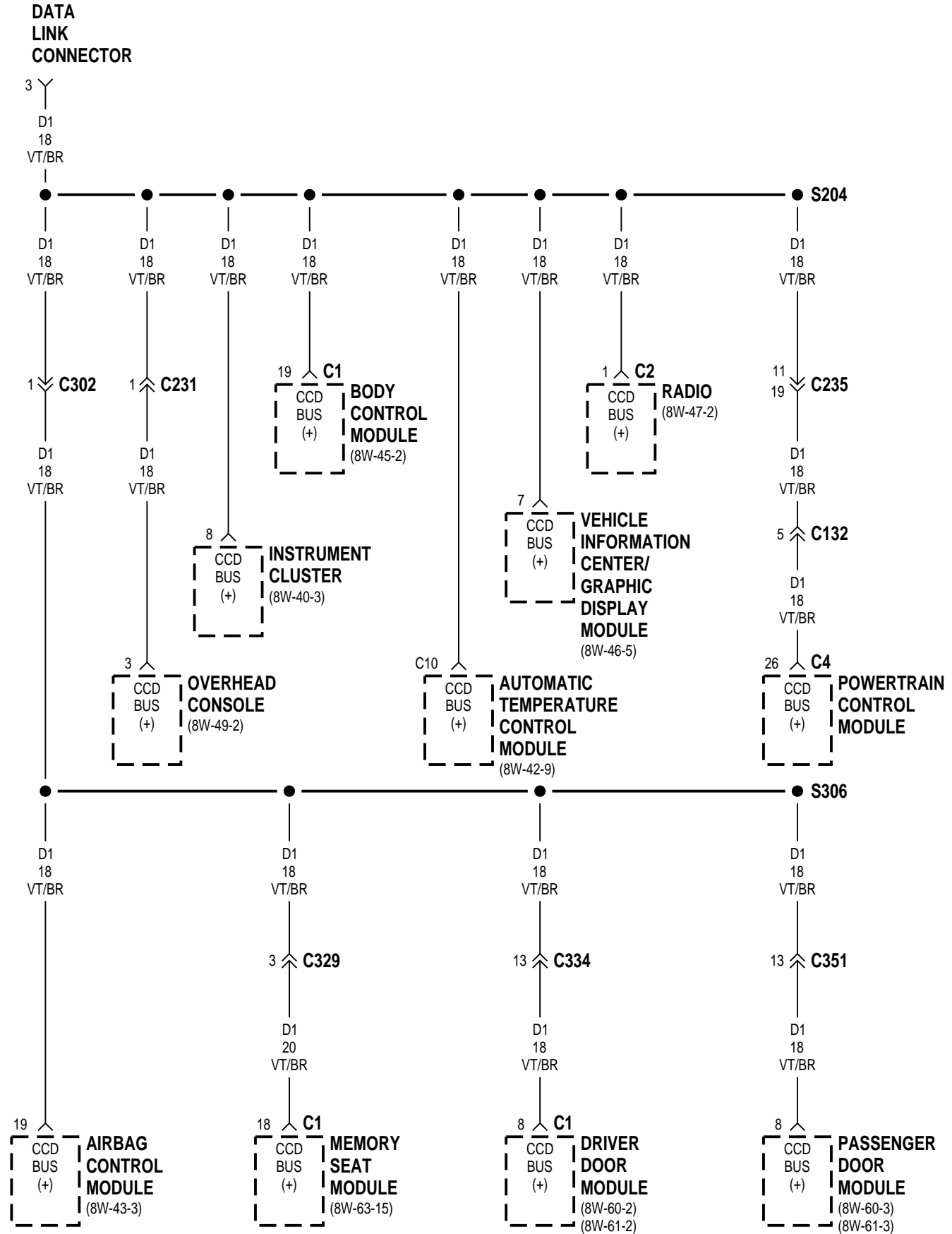


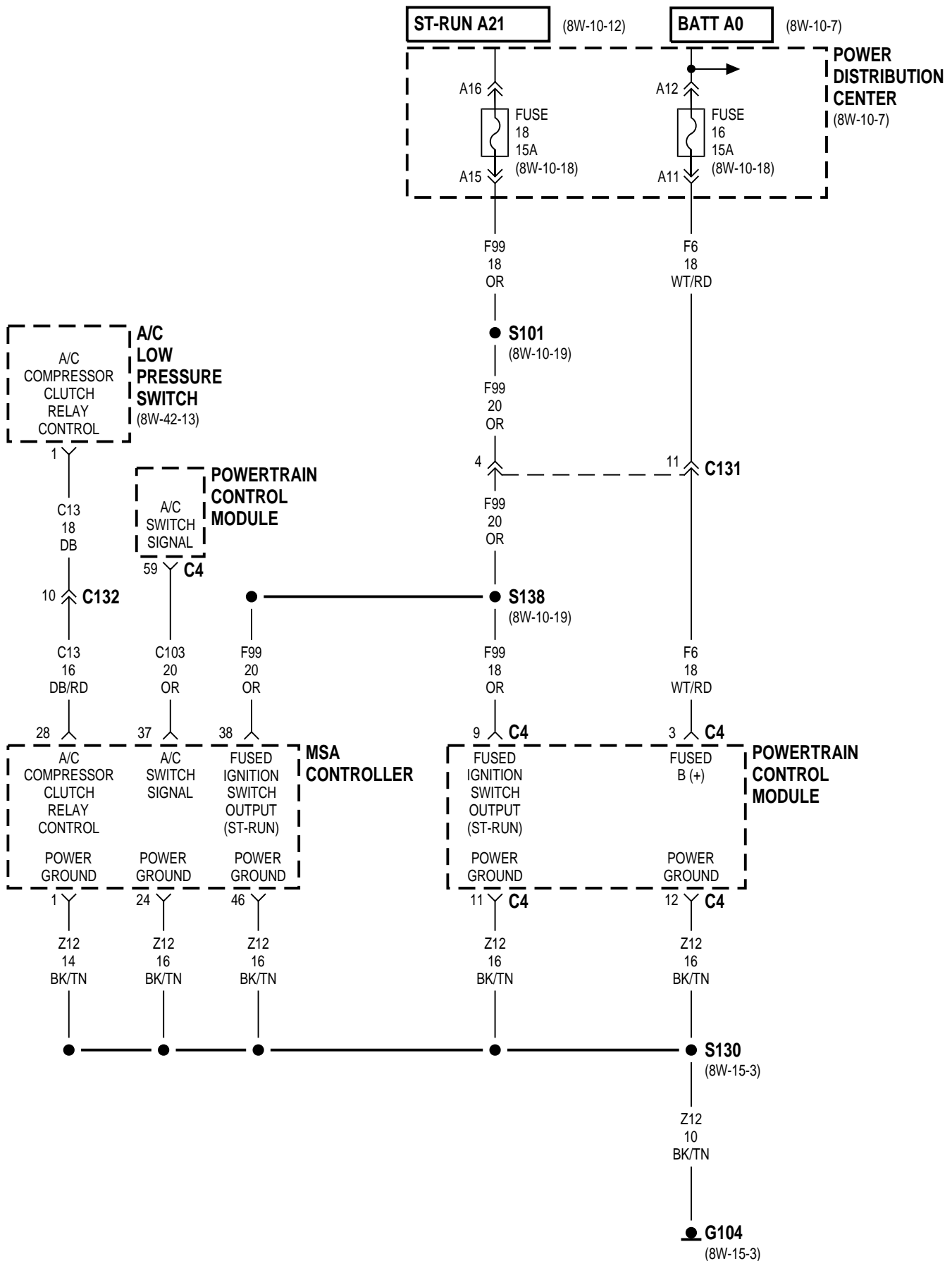




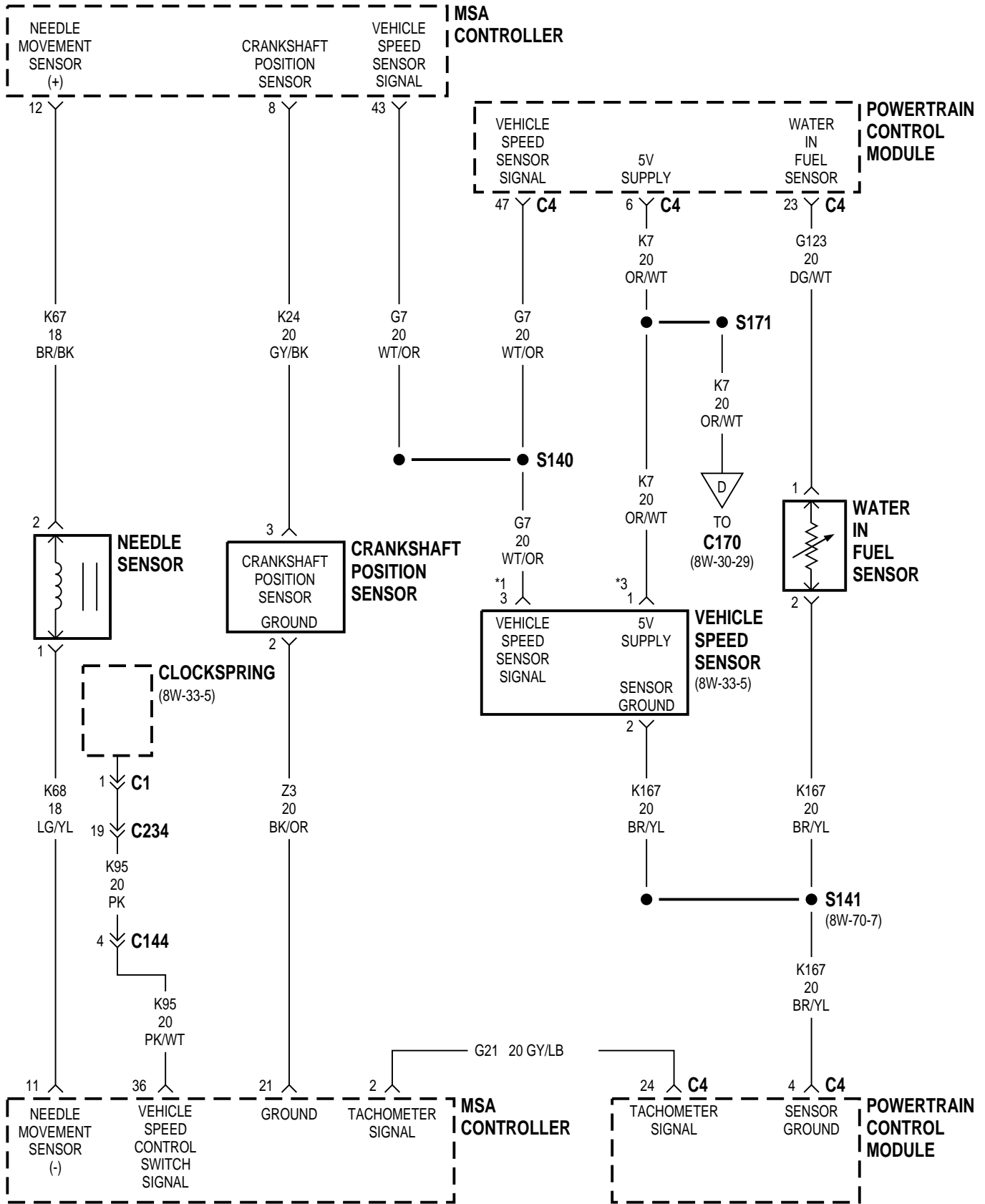


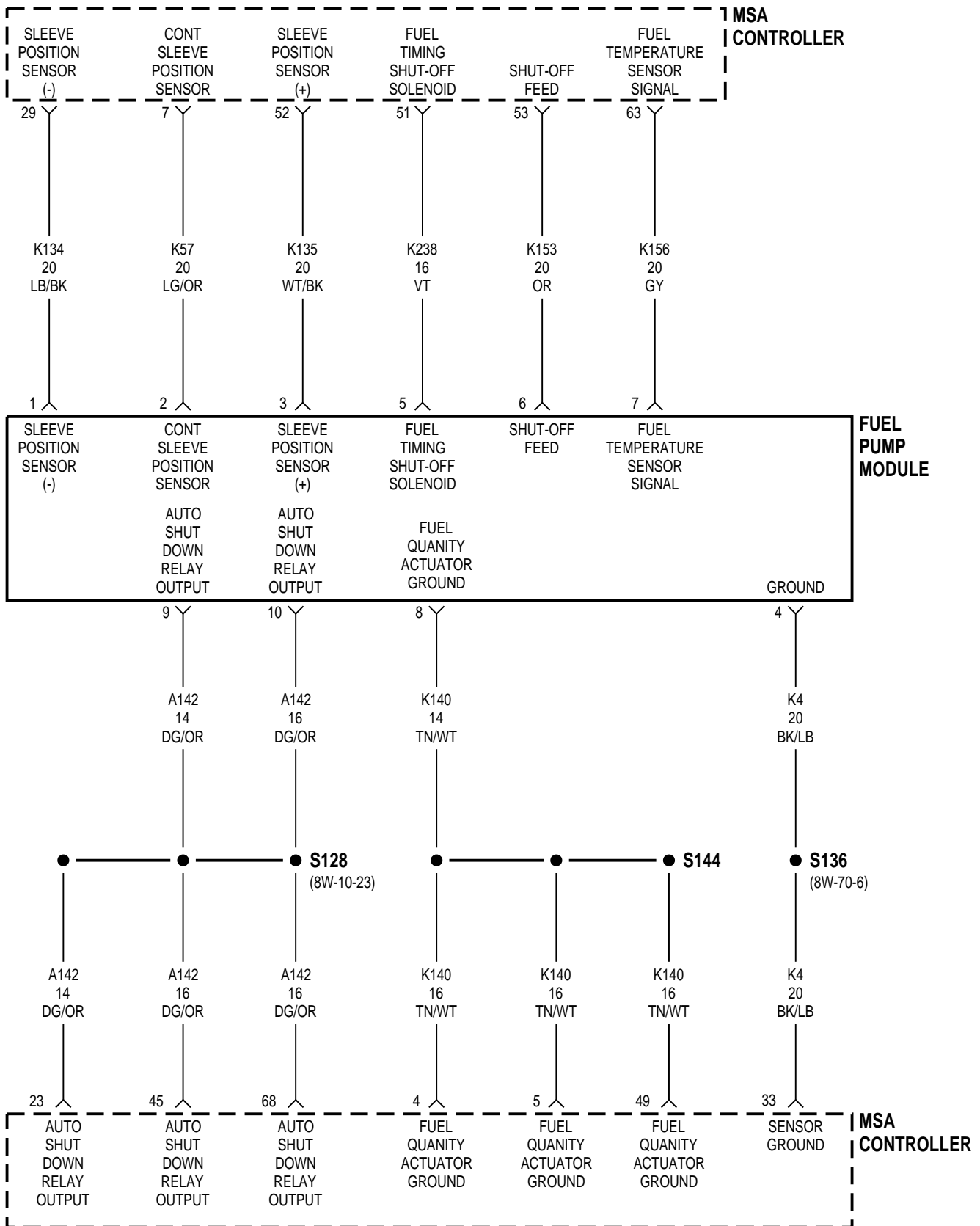


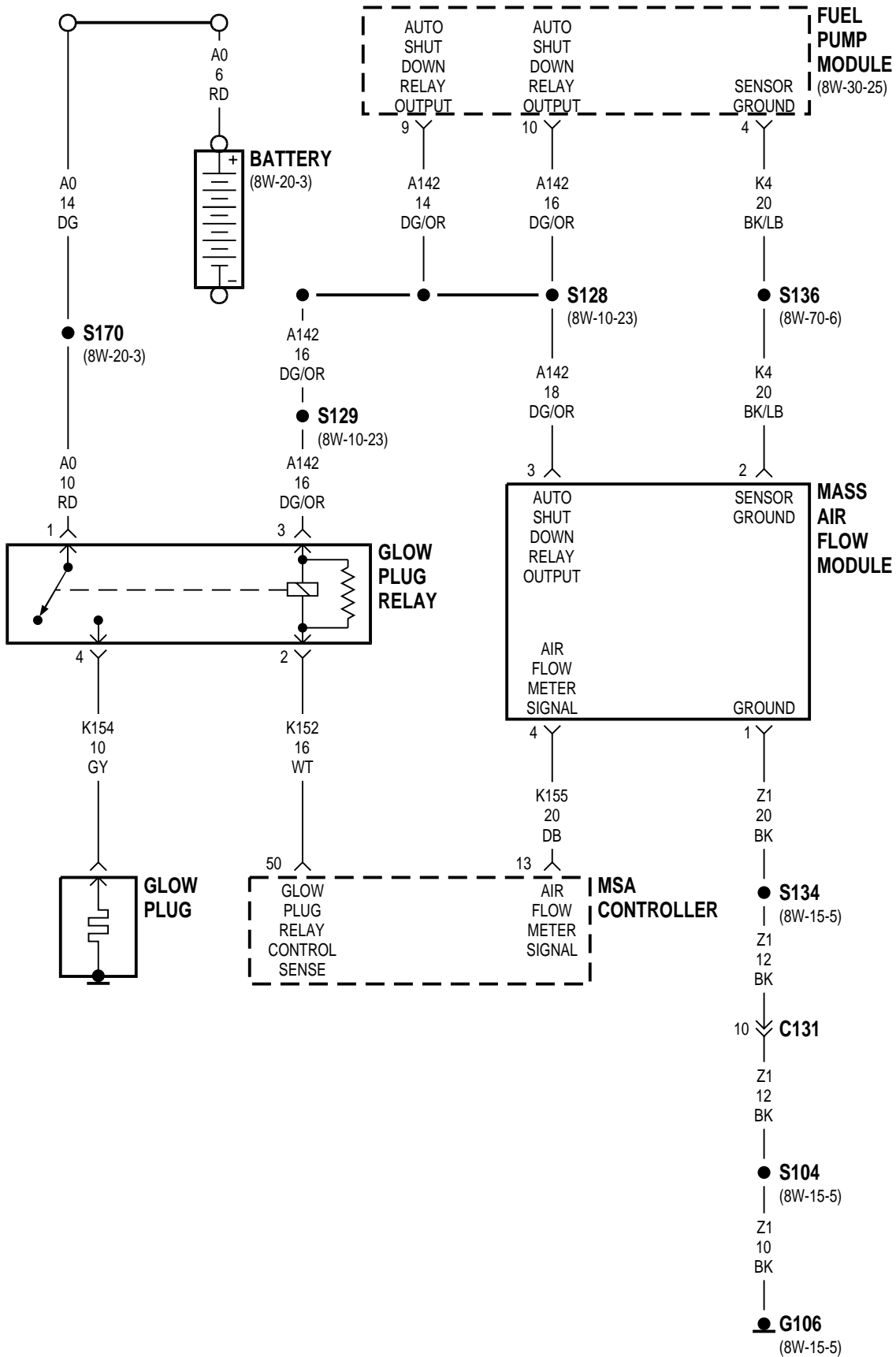


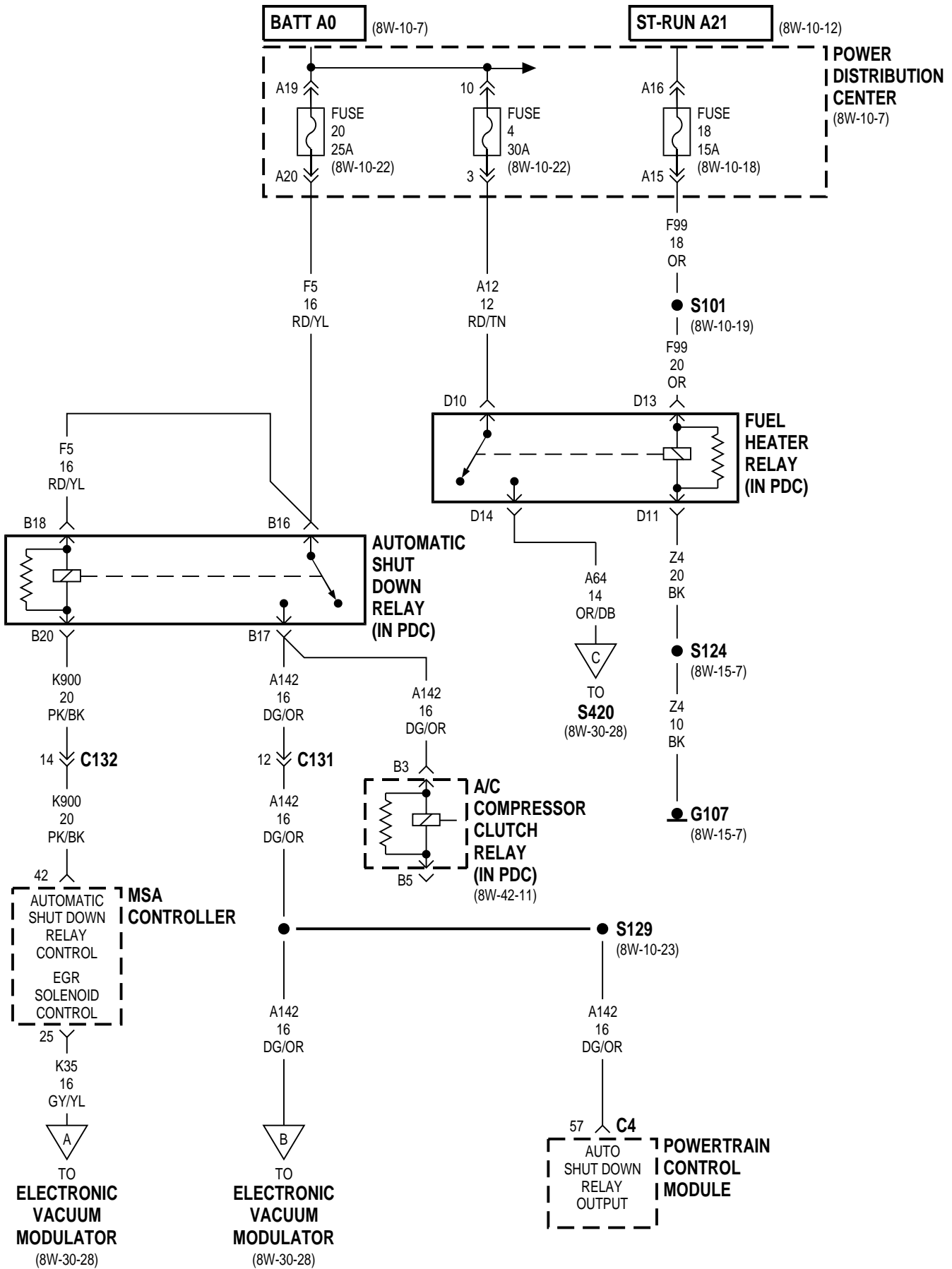


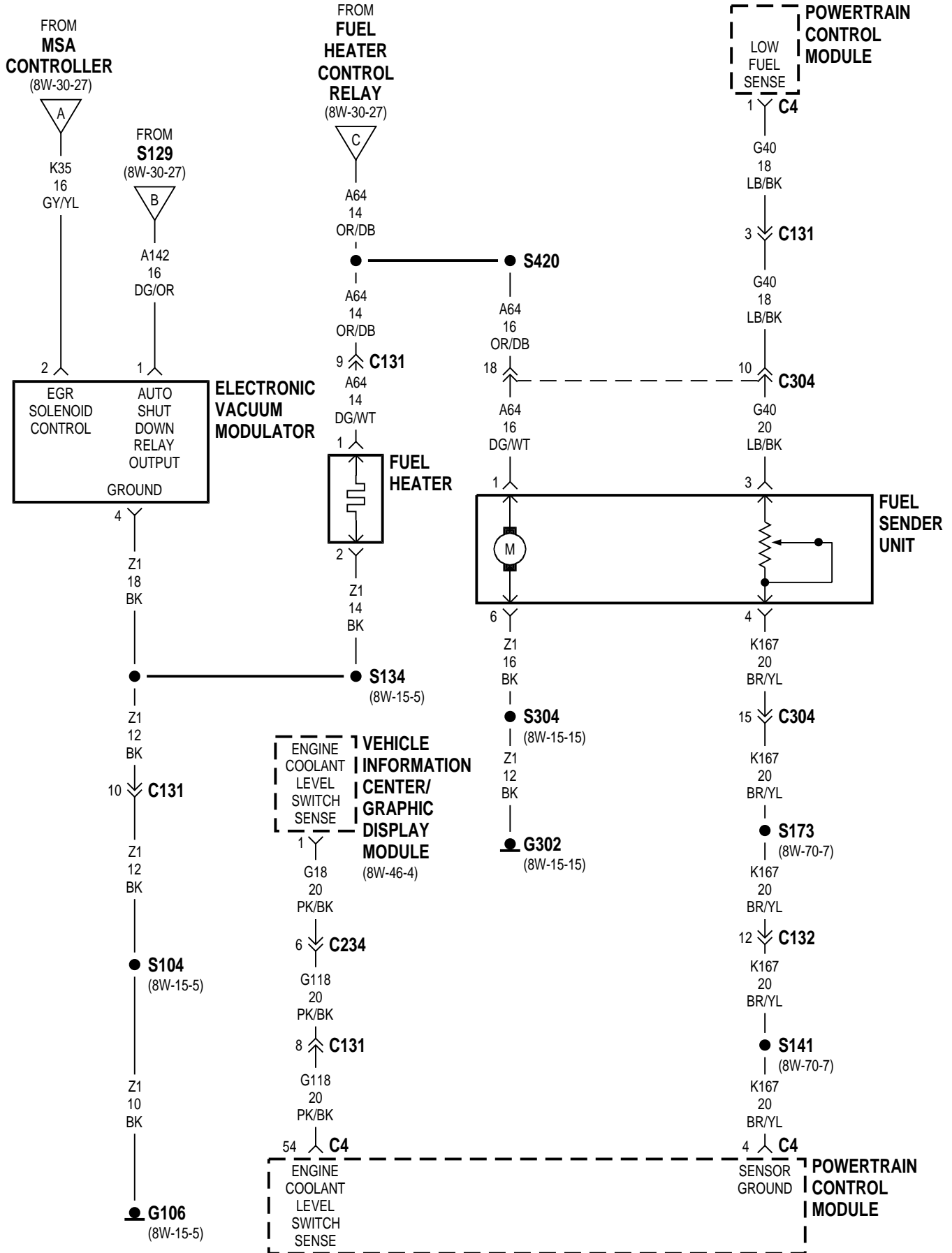






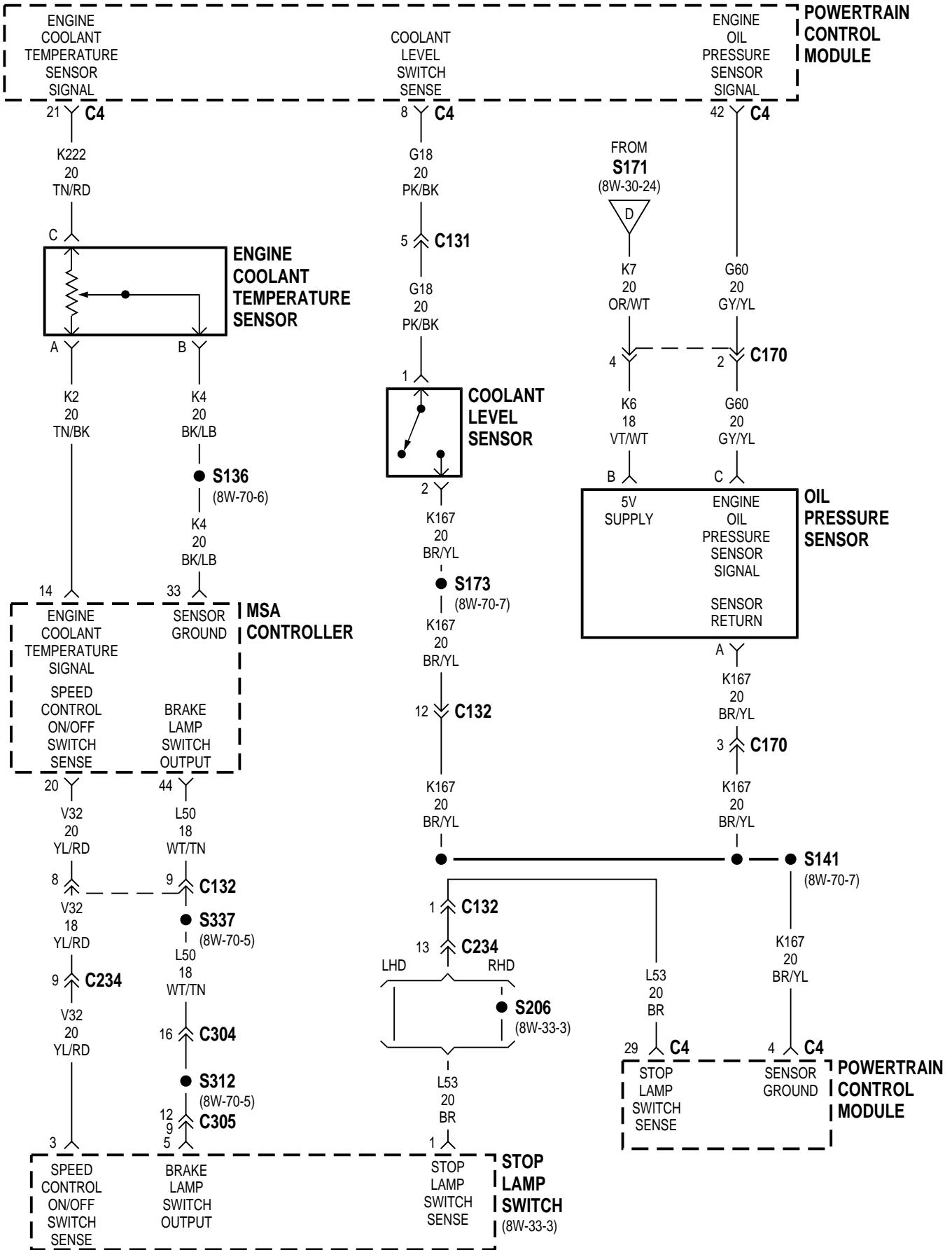








DIESEL



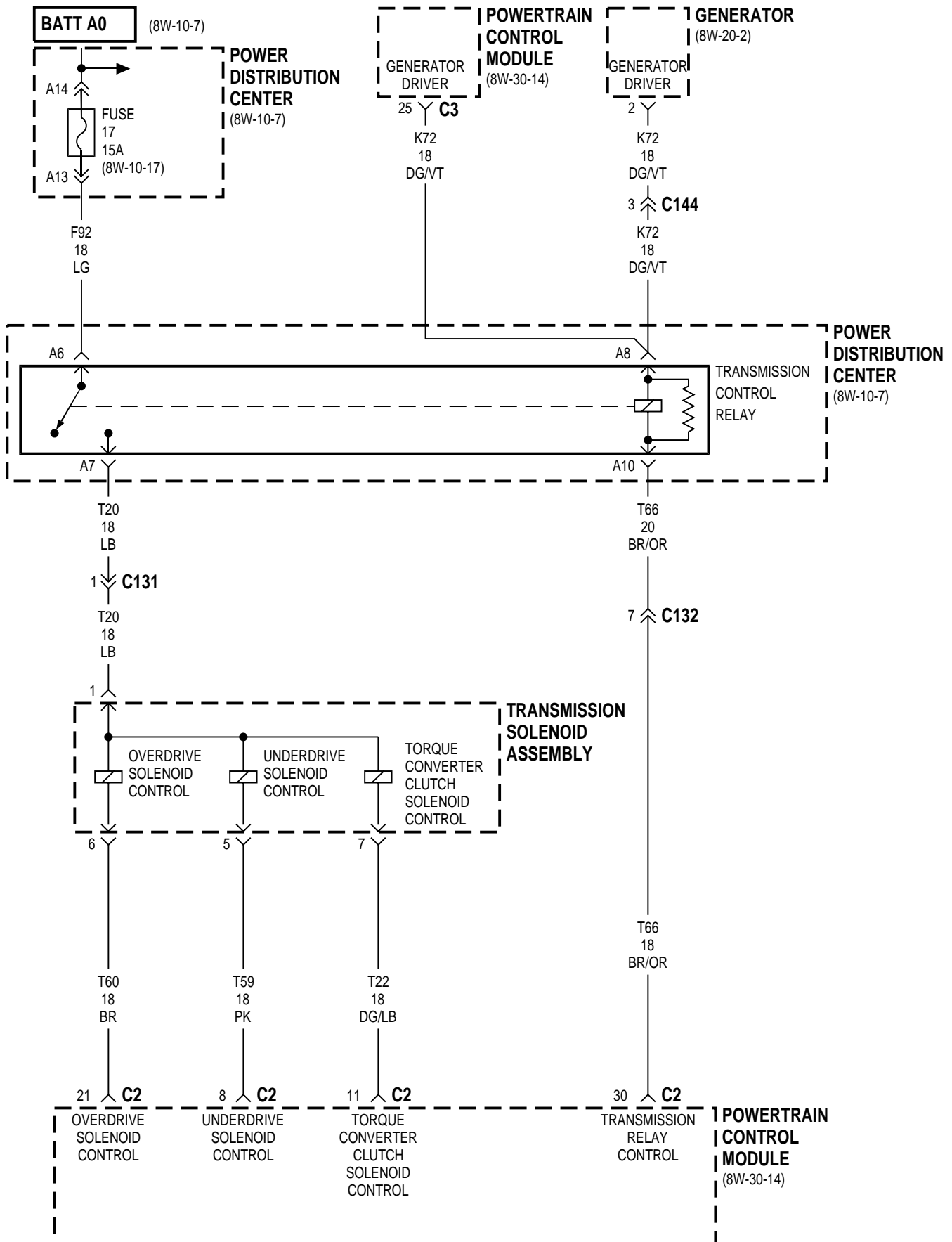


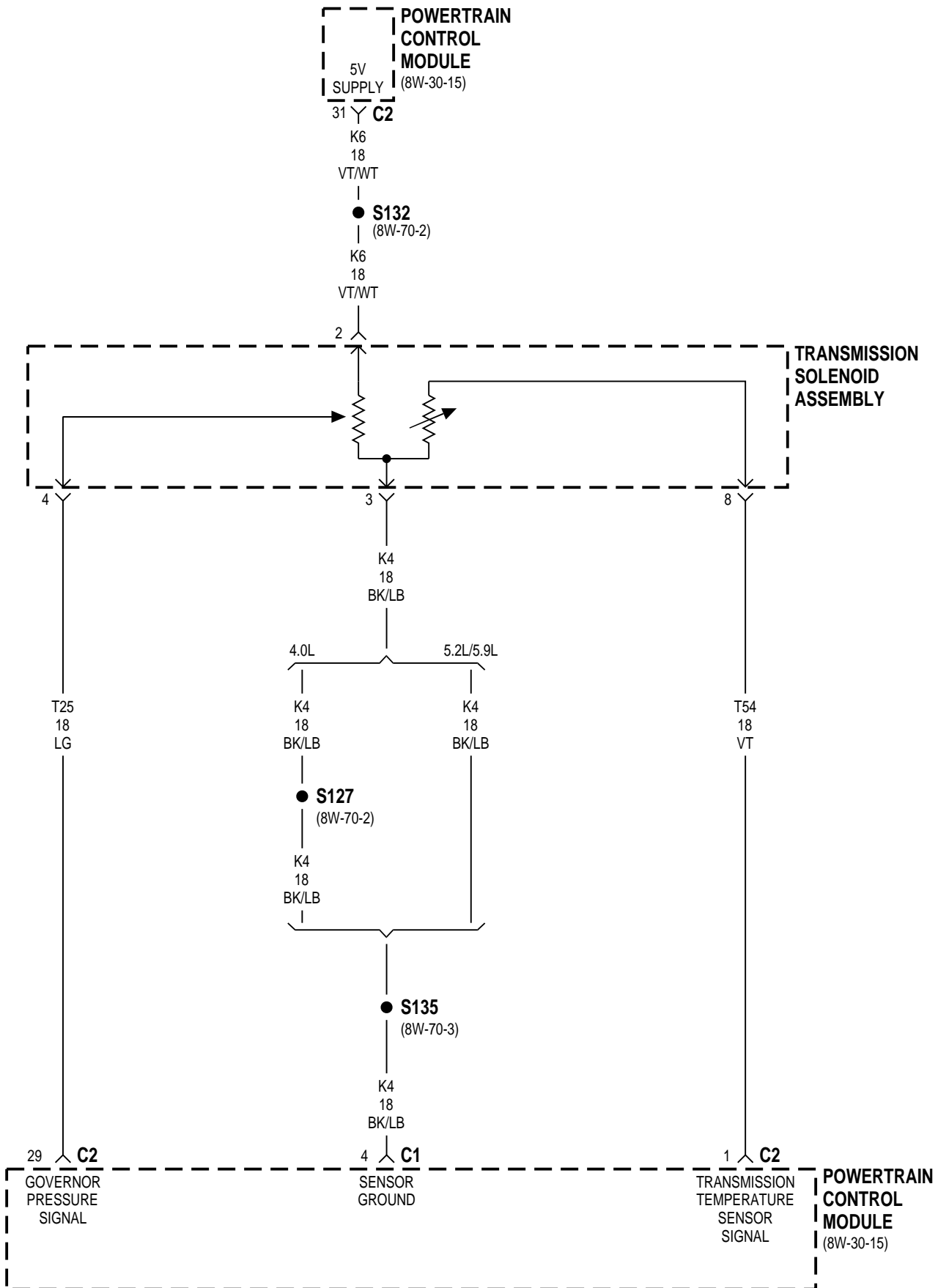


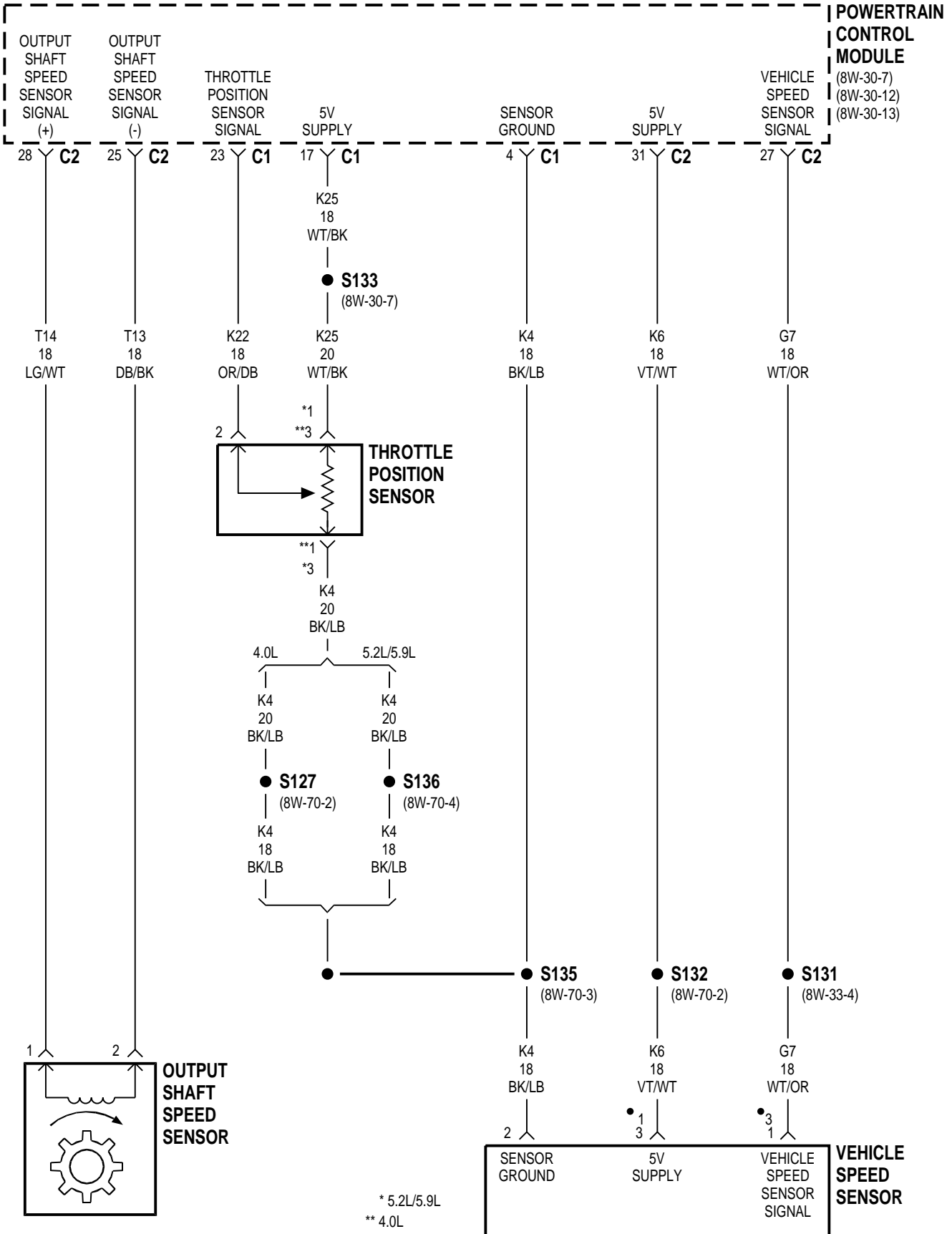


## 8W-31 TRANSMISSION CONTROL SYSTEM

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Fuse 5 (JB) . . . . .	.8W-31-5	Powertrain Control Module . . . . .	.8W-31-2, 3, 4, 5
Fuse 12 (JB) . . . . .	.8W-31-5	Shift Interlock . . . . .	.8W-31-5
Fuse 17 (PDC) . . . . .	.8W-31-2	Stop Lamp Switch . . . . .	.8W-31-5
G303 . . . . .	.8W-31-5	Throttle Position Sensor . . . . .	.8W-31-4
Generator . . . . .	.8W-31-2	Torque Converter Clutch Solenoid Control . .	.8W-31-2
Junction Block . . . . .	.8W-31-5	Transmission Control Relay . . . . .	.8W-31-2
Output Shaft Speed Sensor . . . . .	.8W-31-4	Transmission Solenoid Assembly . . . . .	.8W-31-2, 3
Overdrive Pressure Switch . . . . .	.8W-31-5	Underdrive Solenoid Control . . . . .	.8W-31-2
Overdrive Solenoid Control . . . . .	.8W-31-2	Vehicle Speed Sensor . . . . .	.8W-31-4
Power Distribution Center . . . . .	.8W-31-2		







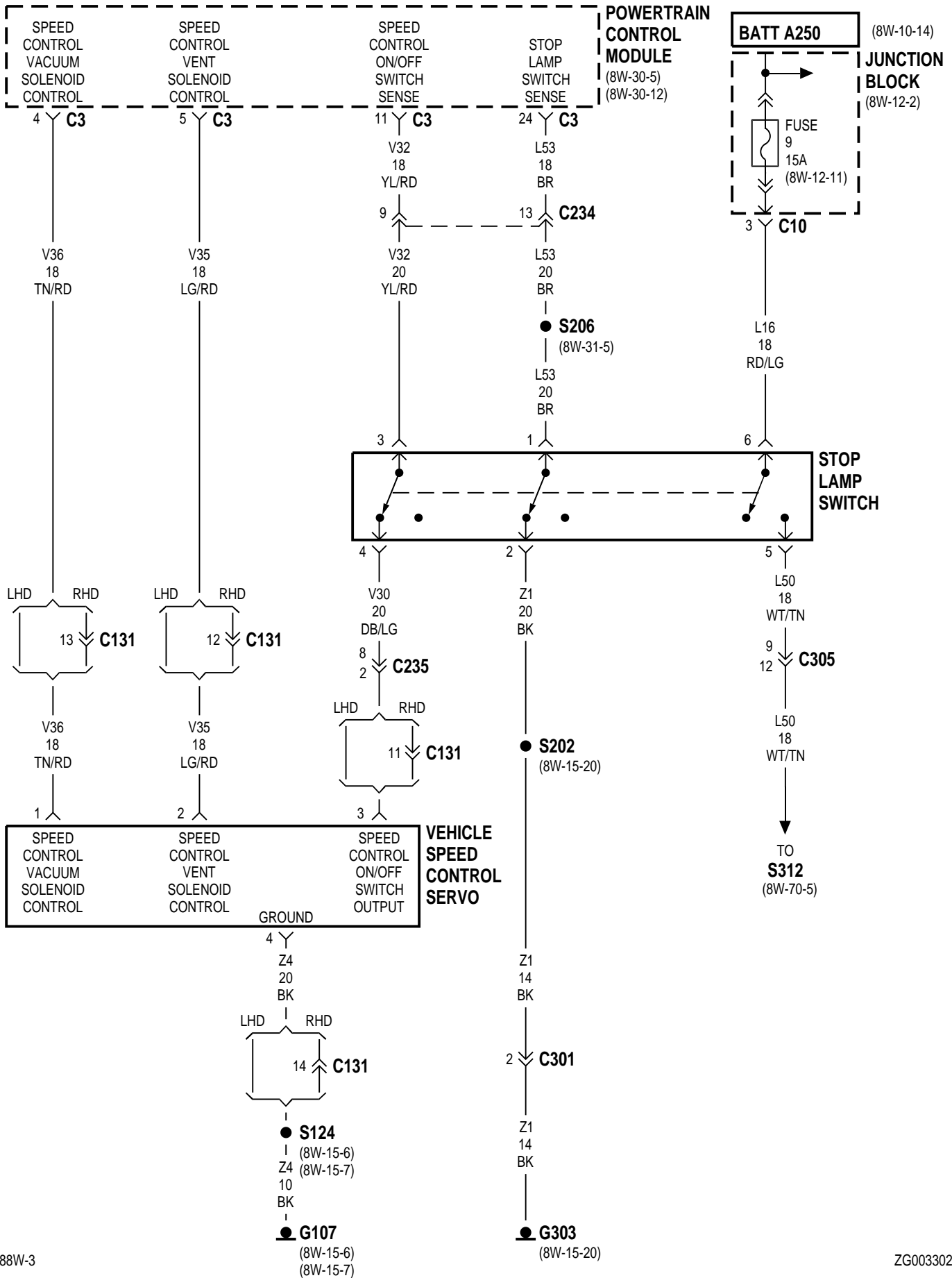




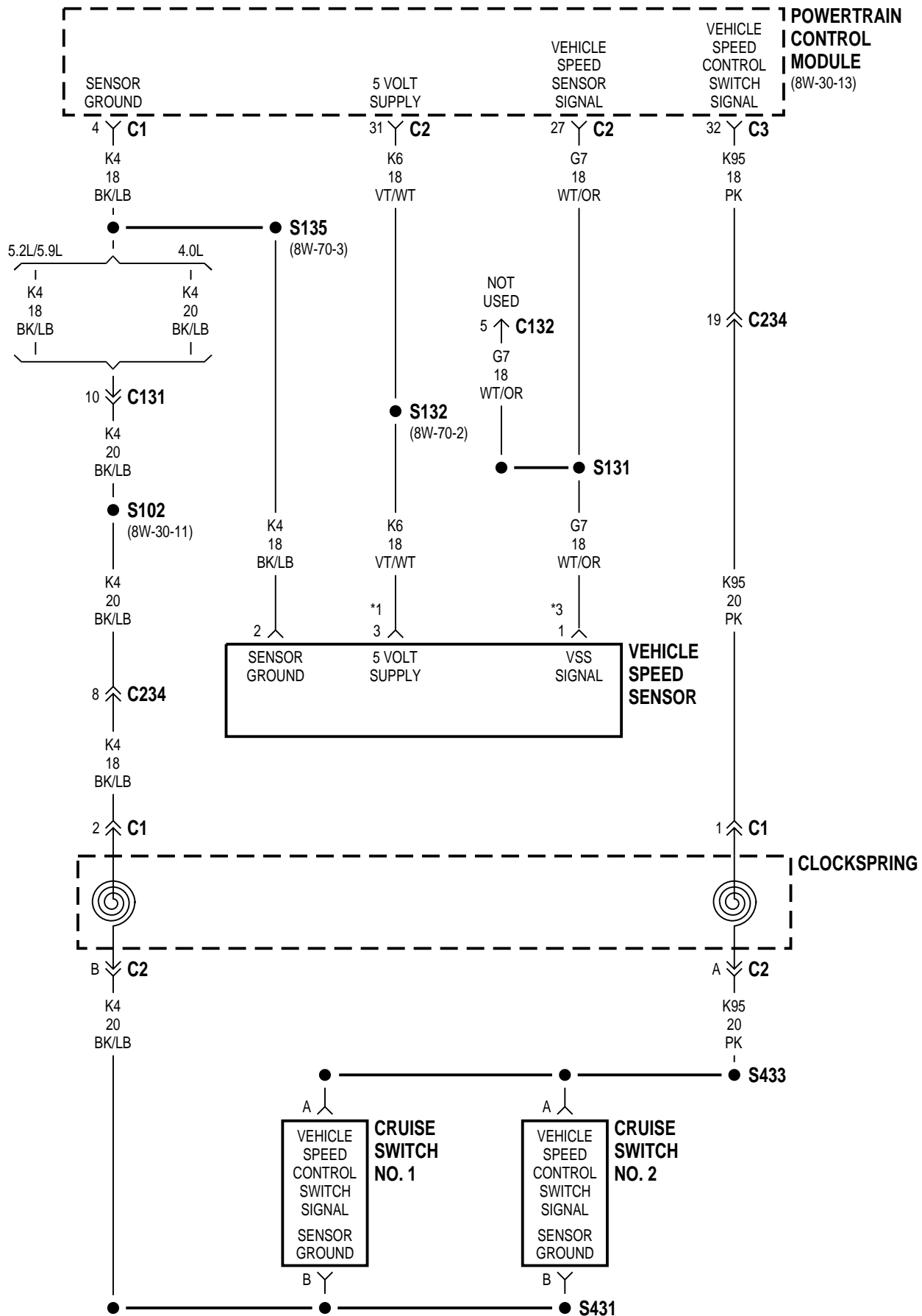


## 8W-33 VEHICLE SPEED CONTROL

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Clockspring . . . . .	.8W-33-4, 5	Junction Block . . . . .	.8W-33-2, 3
Cruise Switch No. 1 . . . . .	.8W-33-4, 5	MSA Controller . . . . .	.8W-33-3, 5
Cruise Switch No. 2 . . . . .	.8W-33-4, 5	Powertrain Control Module . . . . .	.8W-33-2, 3, 4, 5
Fuse 5 (JB) . . . . .	.8W-33-3	Shift Interlock . . . . .	.8W-33-3
Fuse 9 (JB) . . . . .	.8W-33-2, 3	Stop Lamp Switch . . . . .	.8W-33-2, 3
G107 . . . . .	.8W-33-2	Vehicle Speed Control Servo . . . . .	.8W-33-2
G109 . . . . .	.8W-33-3	Vehicle Speed Sensor . . . . .	.8W-33-4, 5
G303 . . . . .	.8W-33-2, 3		







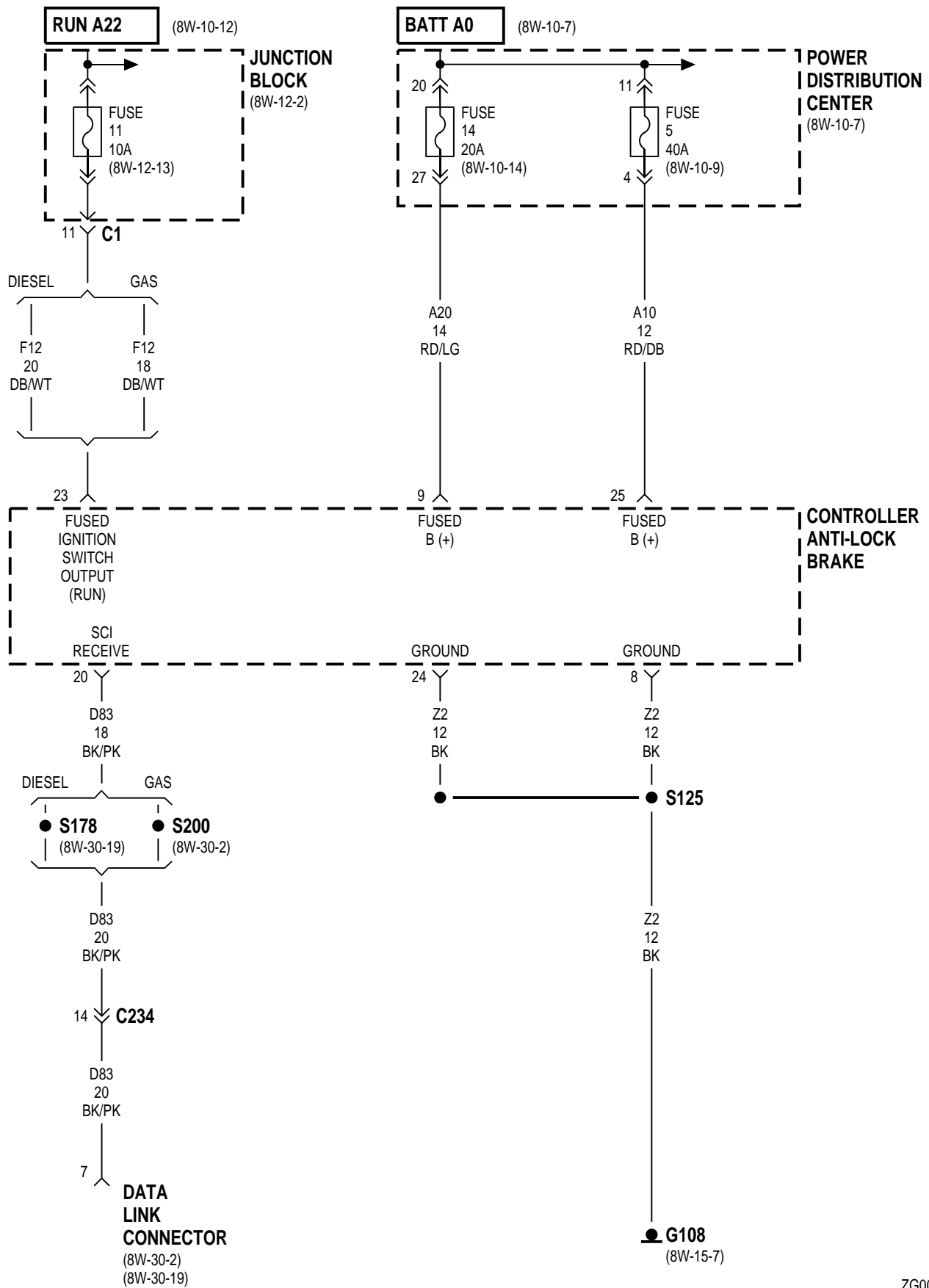


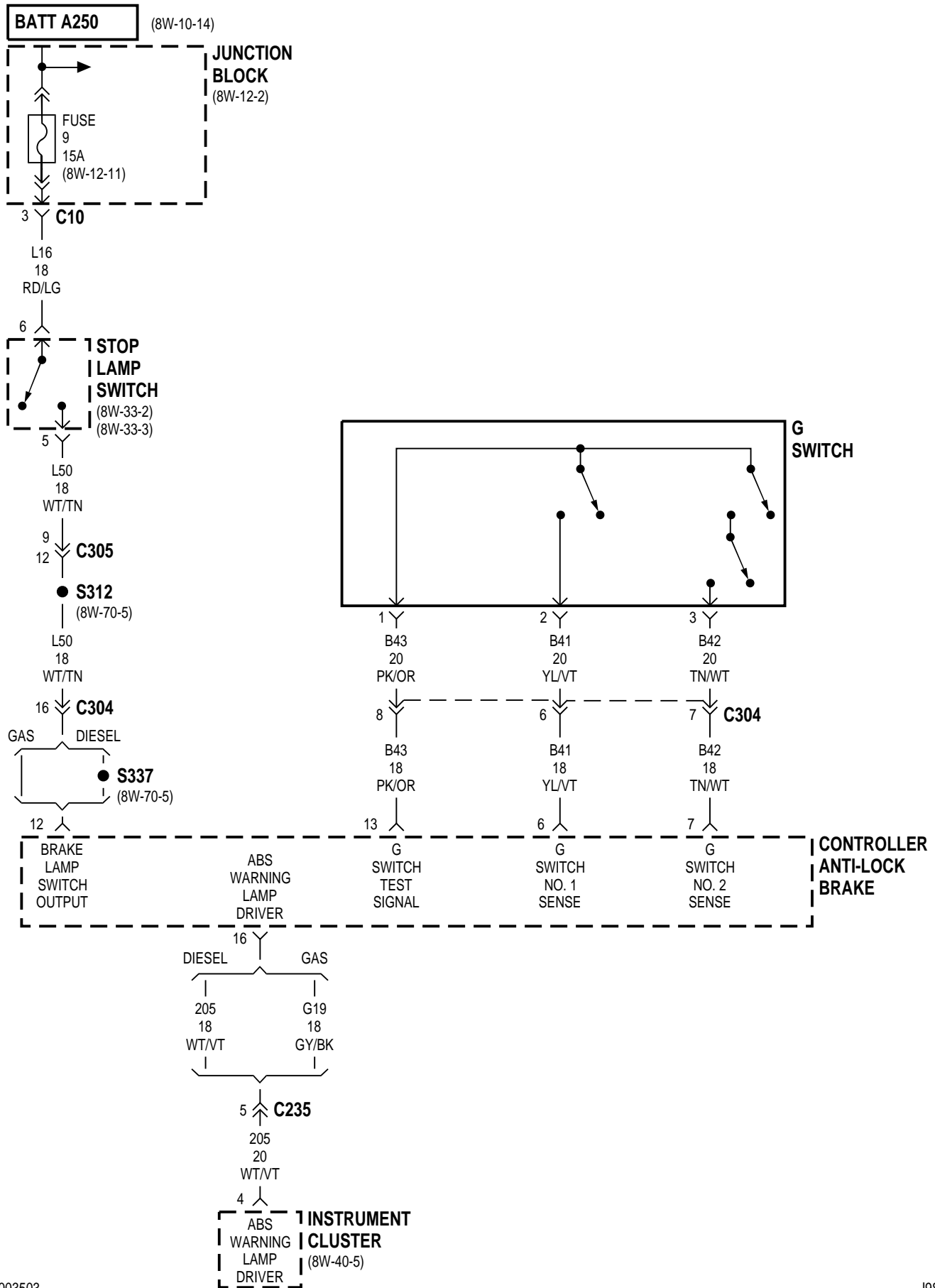


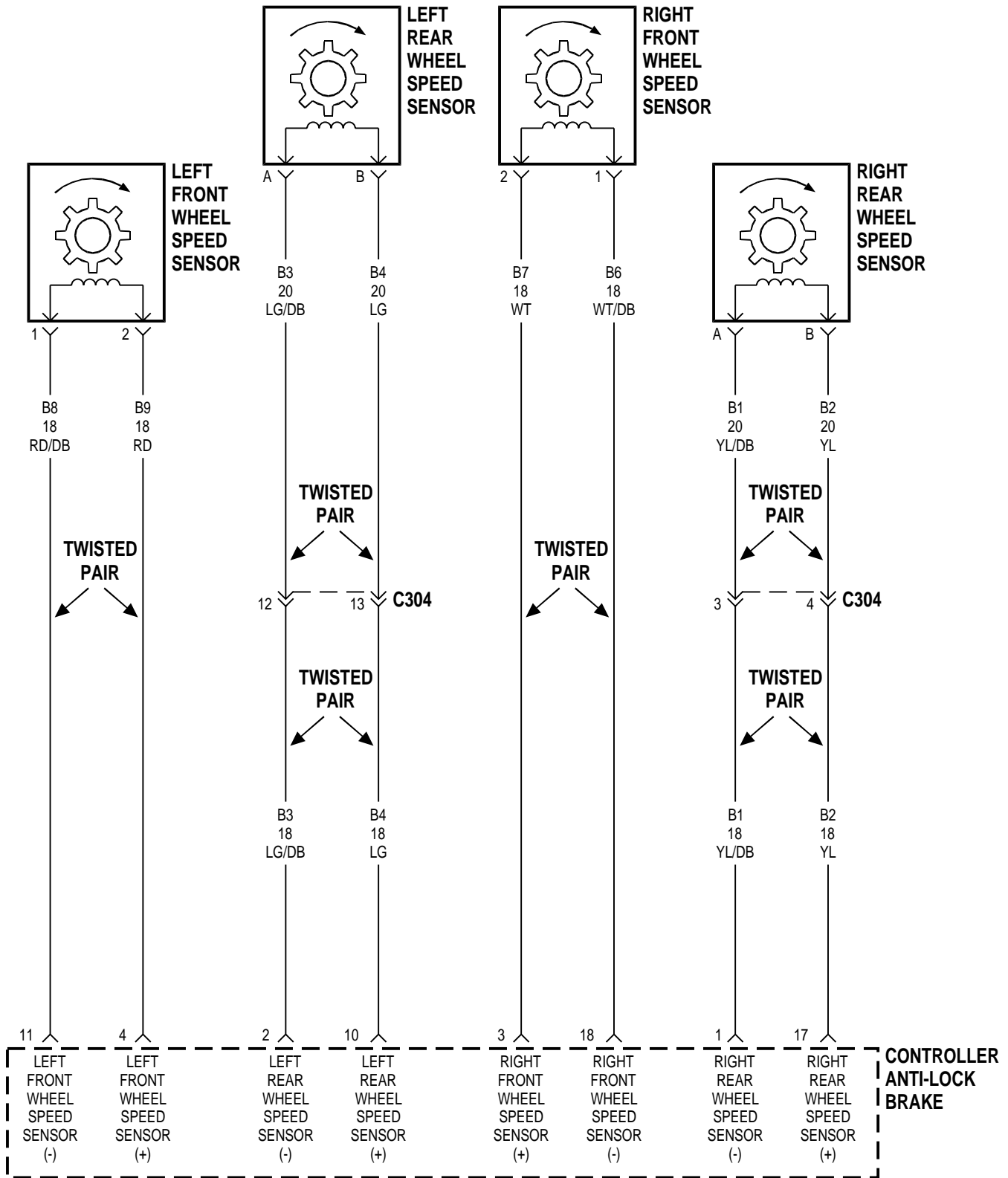


## 8W-35 ANTI-LOCK BRAKES

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Controller Anti-Lock Brake . . . . .	.8W-35-2, 3, 4	Instrument Cluster . . . . .	.8W-35-3
Data Link Connector . . . . .	.8W-35-2	Junction Block . . . . .	.8W-35-2, 3
Fuse 5 (PDC) . . . . .	.8W-35-2	Left Front Wheel Speed Sensor . . . . .	.8W-35-4
Fuse 9 (JB) . . . . .	.8W-35-3	Left Rear Wheel Speed Sensor . . . . .	.8W-35-4
Fuse 11 (JB) . . . . .	.8W-35-2	Power Distribution Center . . . . .	.8W-35-2
Fuse 14 (PDC) . . . . .	.8W-35-2	Right Front Wheel Speed Sensor . . . . .	.8W-35-4
G Switch . . . . .	.8W-35-3	Right Rear Wheel Speed Sensor . . . . .	.8W-35-4
G108 . . . . .	.8W-35-2	Stop Lamp Switch . . . . .	.8W-35-3

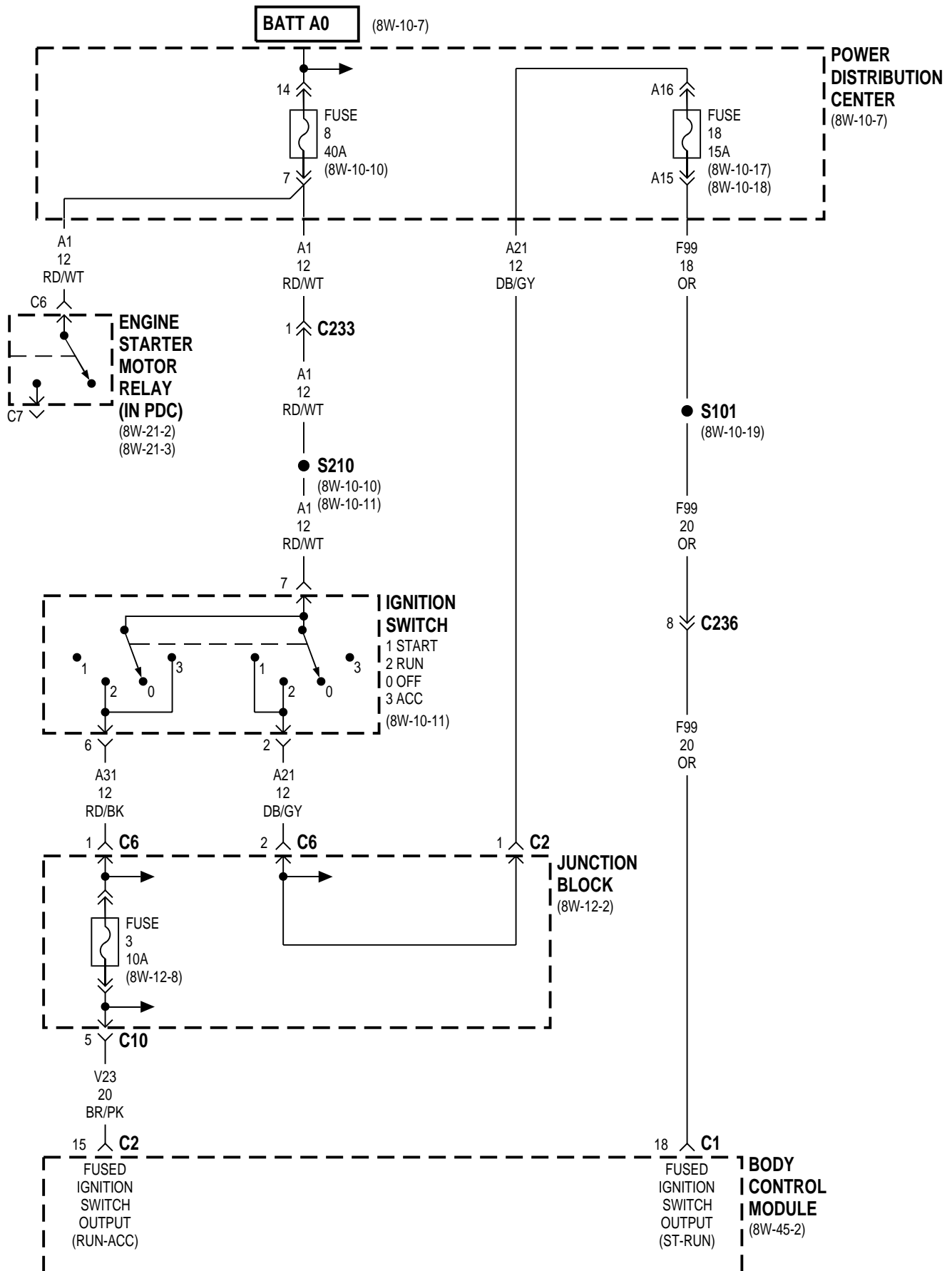


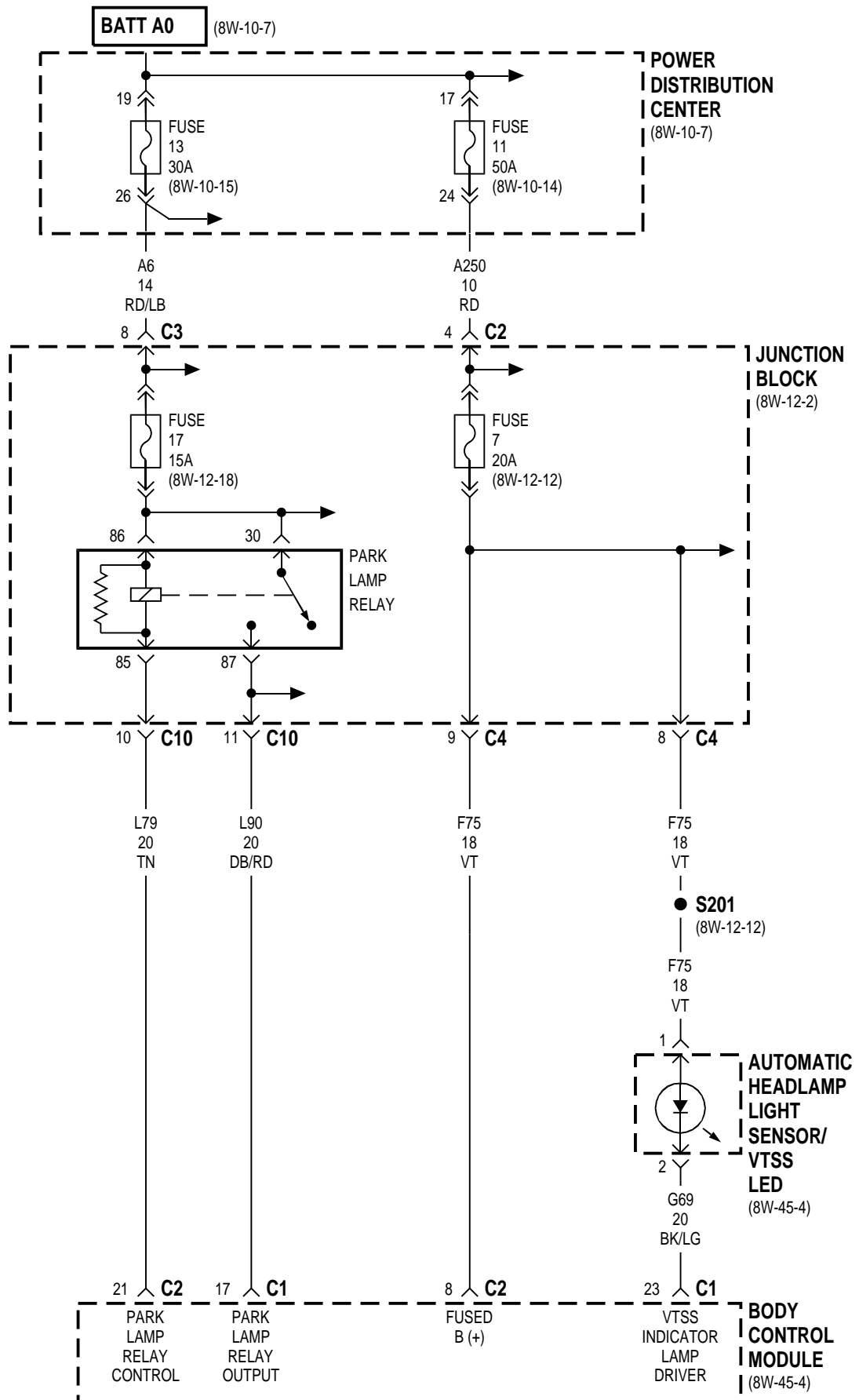


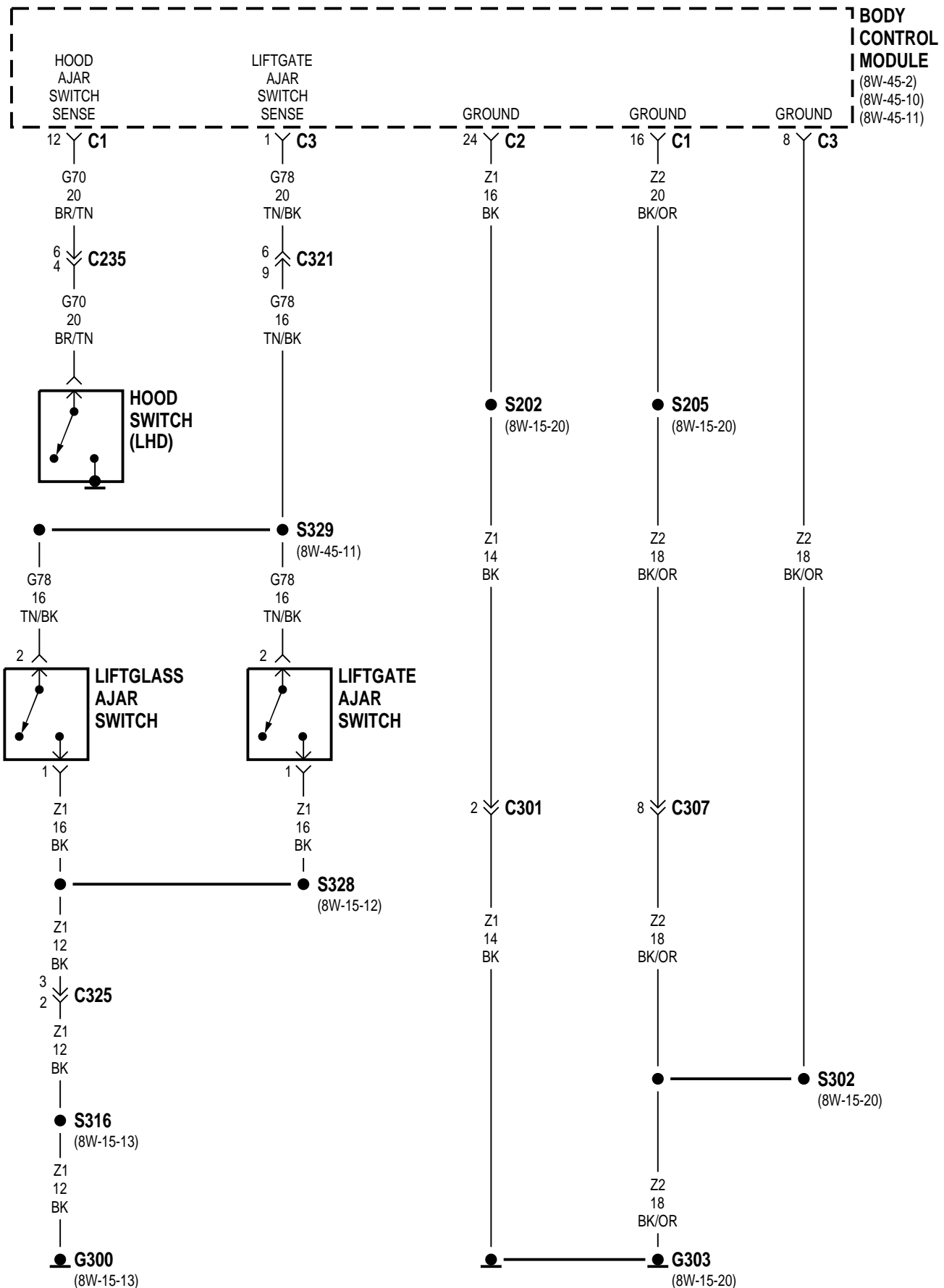


## 8W-39 VEHICLE THEFT SECURITY SYSTEM

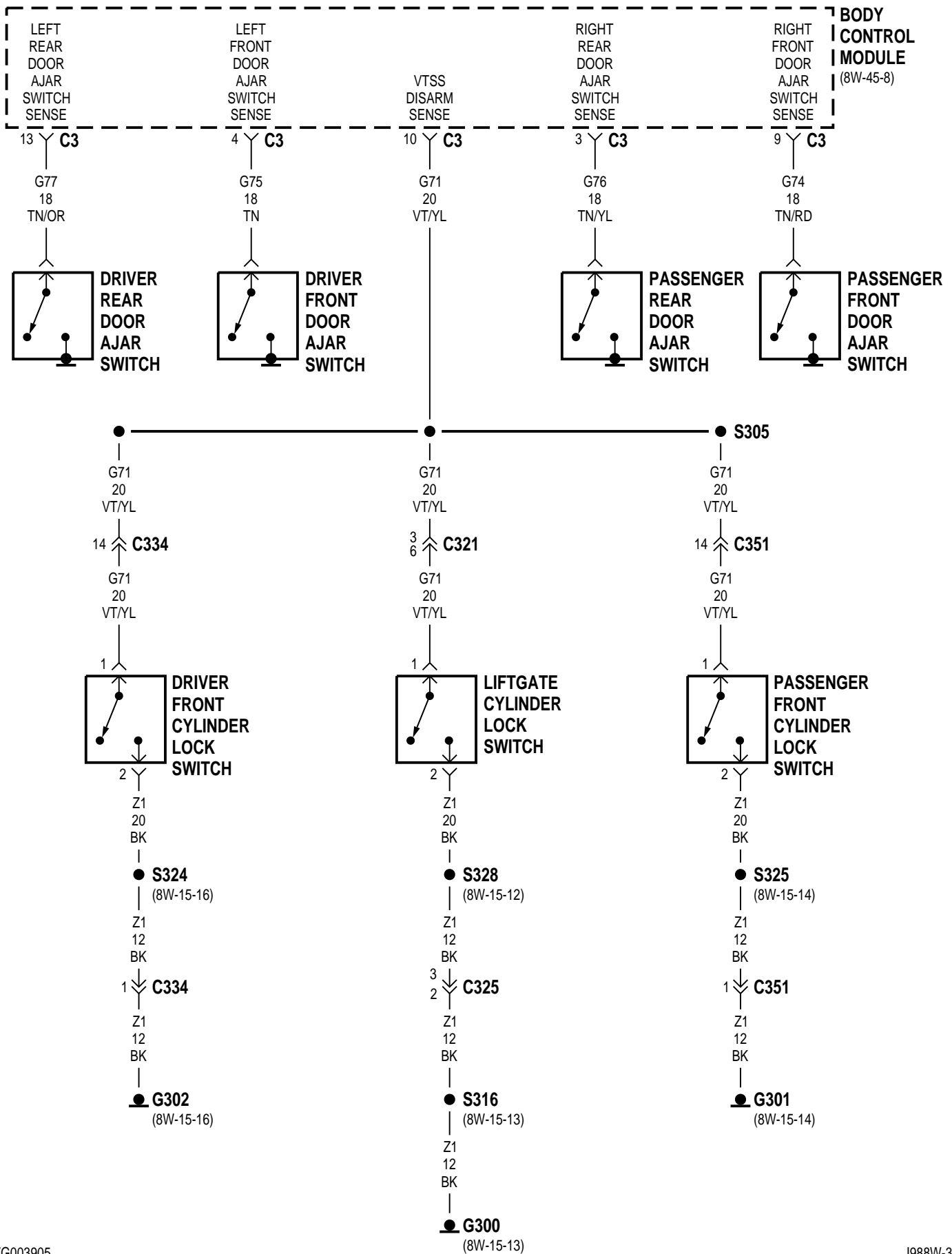
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Automatic Headlamp Light Sensor/ Vtss Led . . . . .	.8W-39-3	G302 . . . . .	.8W-39-5
Body Control Module. . . . .	.8W-39-2, 3, 4, 5, 6	G303 . . . . .	.8W-39-4
Clockspring No. 1 . . . . .	.8W-39-6	Hood Switch . . . . .	.8W-39-4
Driver Front Cylinder Lock Switch. . . . .	.8W-39-5	Horn No. 1 . . . . .	.8W-39-6
Driver Front Door Ajar Switch . . . . .	.8W-39-5	Horn No. 2 . . . . .	.8W-39-6
Driver Rear Door Ajar Switch. . . . .	.8W-39-5	Horn Relay . . . . .	.8W-39-6
Engine Starter Motor Relay . . . . .	.8W-39-2	Horn Switch . . . . .	.8W-39-6
Fuse 11 (PDC). . . . .	.8W-39-3	Ignition Switch . . . . .	.8W-39-2
Fuse 13 (PDC) . . . . .	.8W-39-3	Junction Block . . . . .	.8W-39-2, 3, 6
Fuse 17 (JB) . . . . .	.8W-39-3	Liftgate Ajar Switch . . . . .	.8W-39-4
Fuse 18 (PDC) . . . . .	.8W-39-2	Liftgate Cylinder Lock Switch . . . . .	.8W-39-5
Fuse 3 (JB) . . . . .	.8W-39-2	Liftglass Ajar Switch. . . . .	.8W-39-4
Fuse 6 (PDC) . . . . .	.8W-39-6	Park Lamp Relay . . . . .	.8W-39-3
Fuse 7 (JB) . . . . .	.8W-39-3	Passenger Front Cylinder Lock Switch. . . . .	.8W-39-5
Fuse 8 (PDC) . . . . .	.8W-39-2	Passenger Front Door Ajar Switch . . . . .	.8W-39-5
G106 . . . . .	.8W-39-6	Passenger Rear Door Ajar Switch. . . . .	.8W-39-5
G300 . . . . .	.8W-39-4, 5	Power Distribution Center . . . . .	.8W-39-2, 3, 6
G301 . . . . .	.8W-39-5	Vehicle Speed Control/Horn Switch. . . . .	.8W-39-6

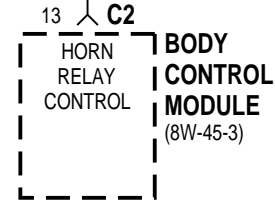
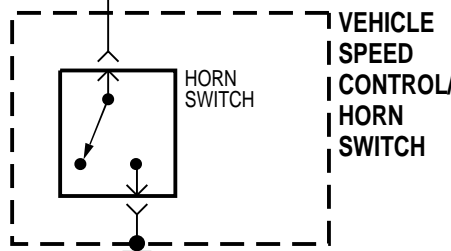
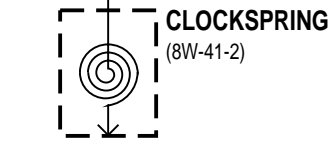
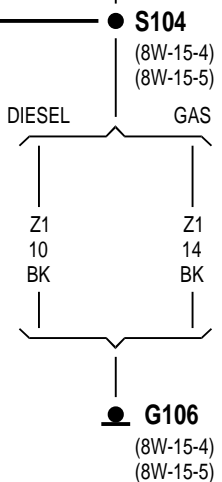
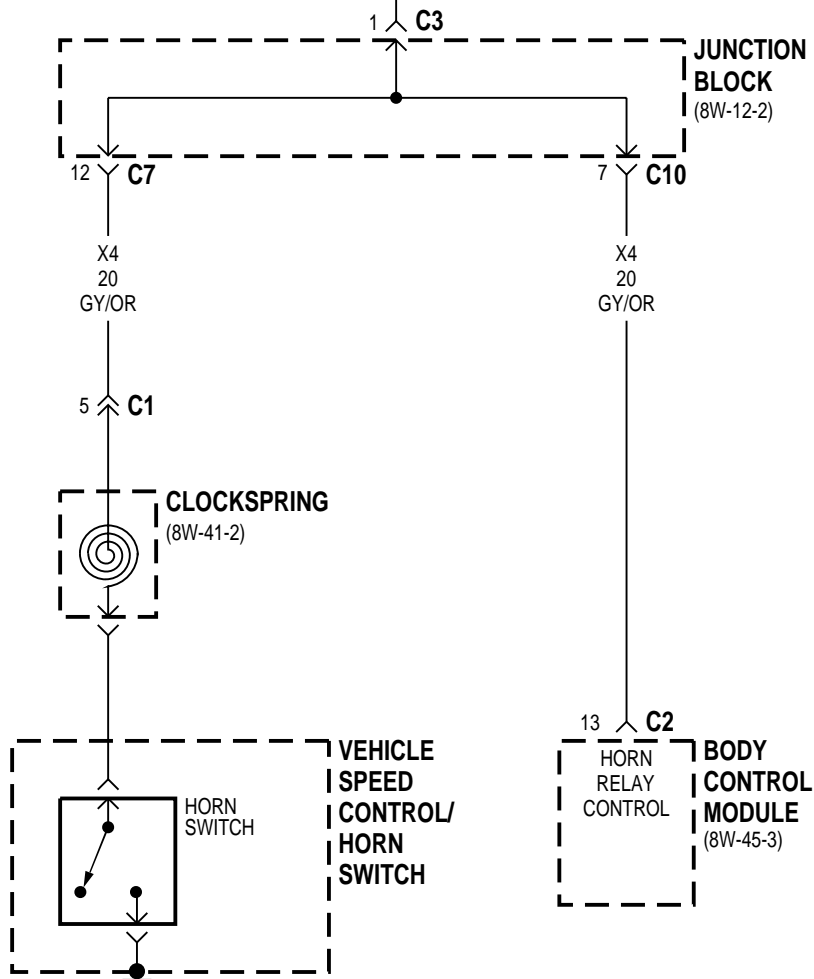
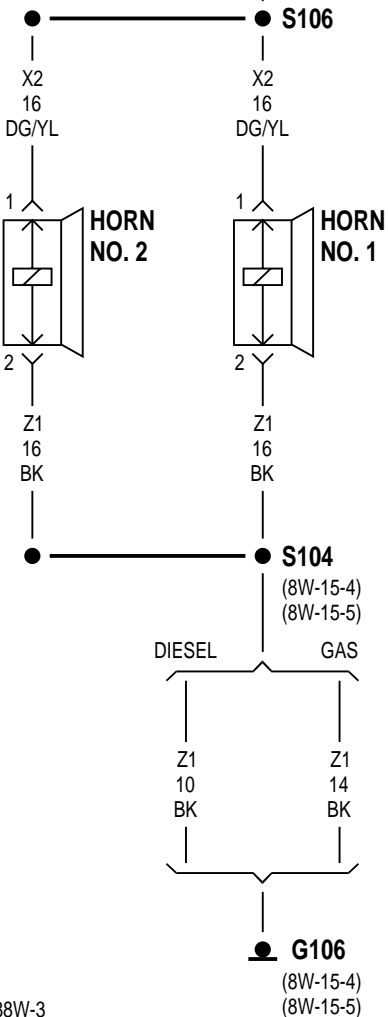
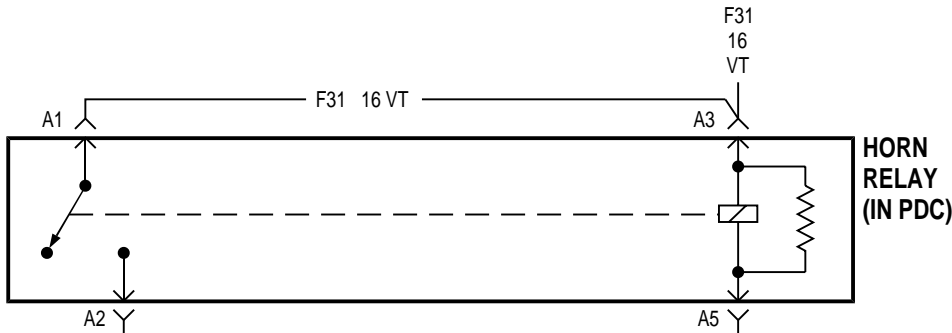
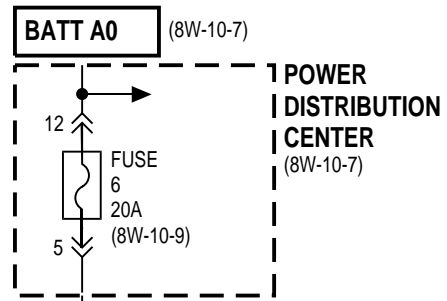






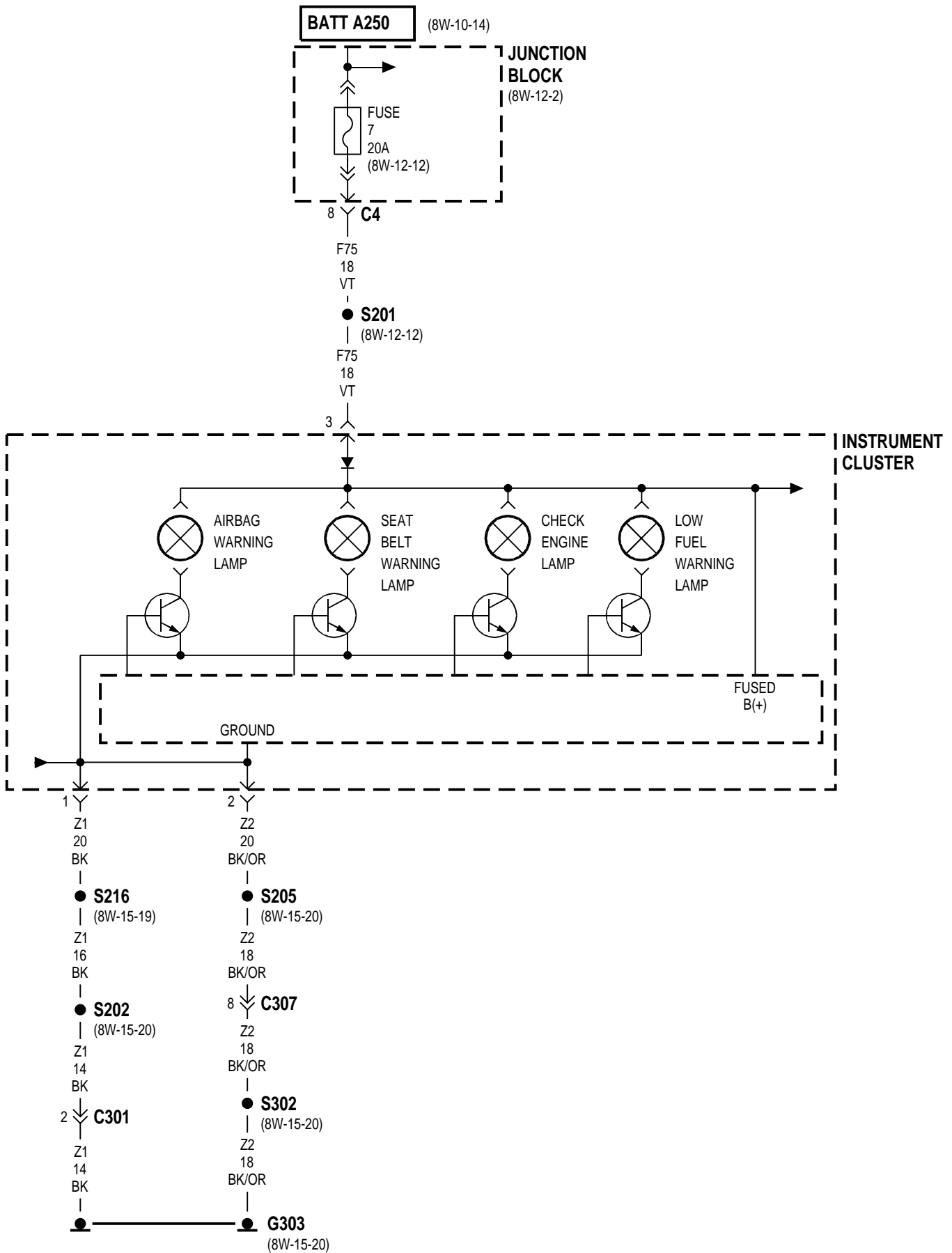


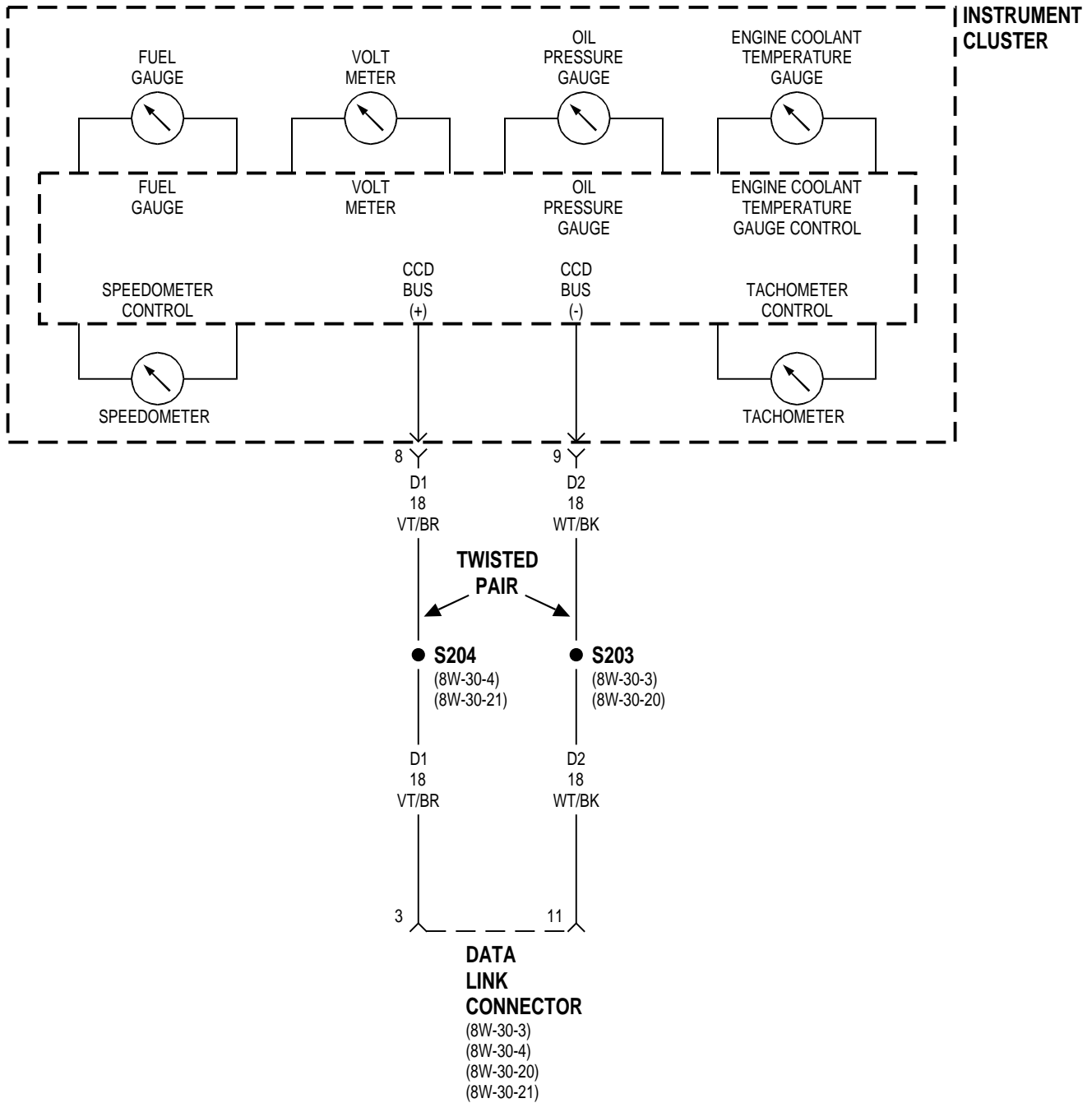


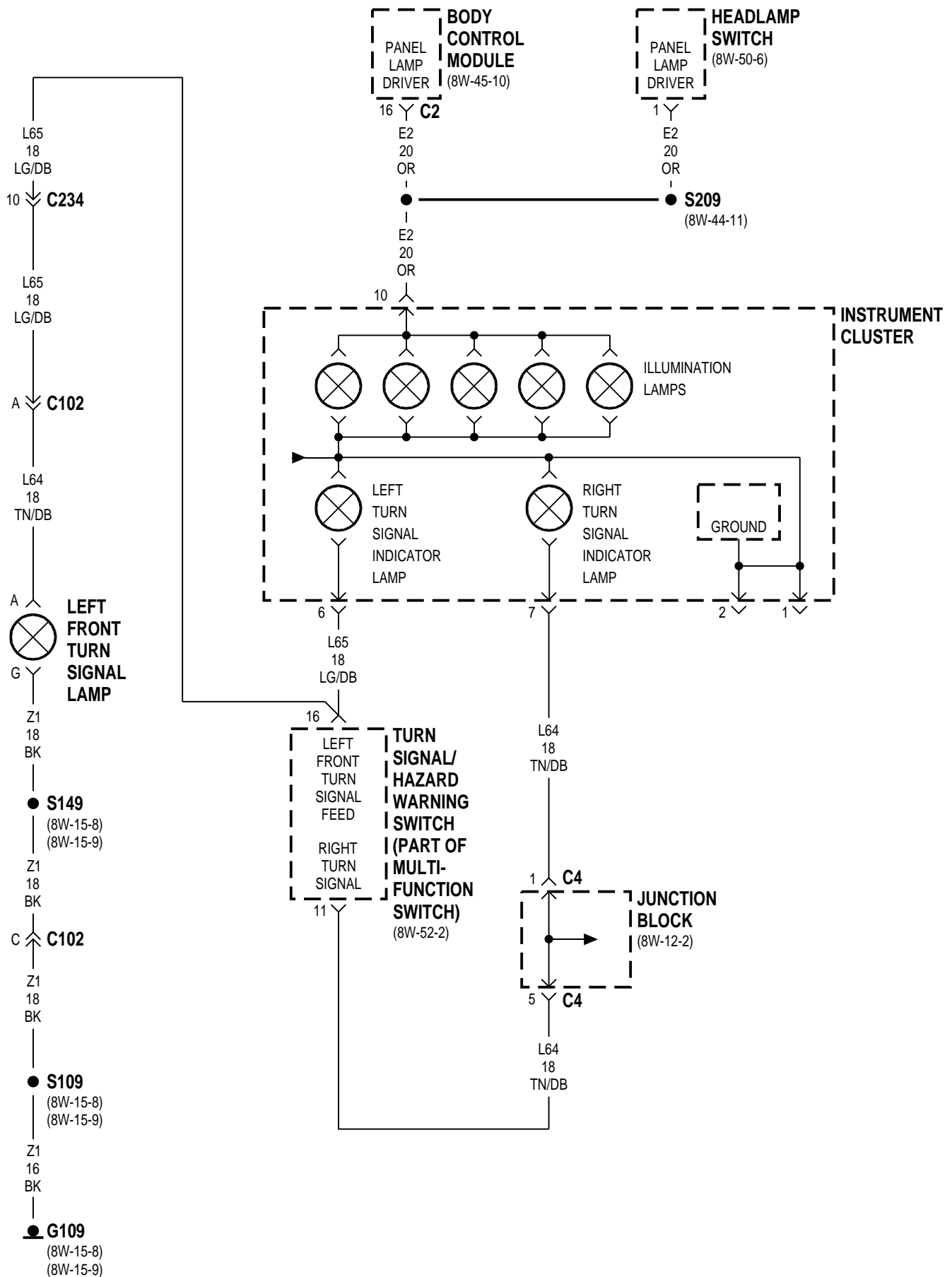


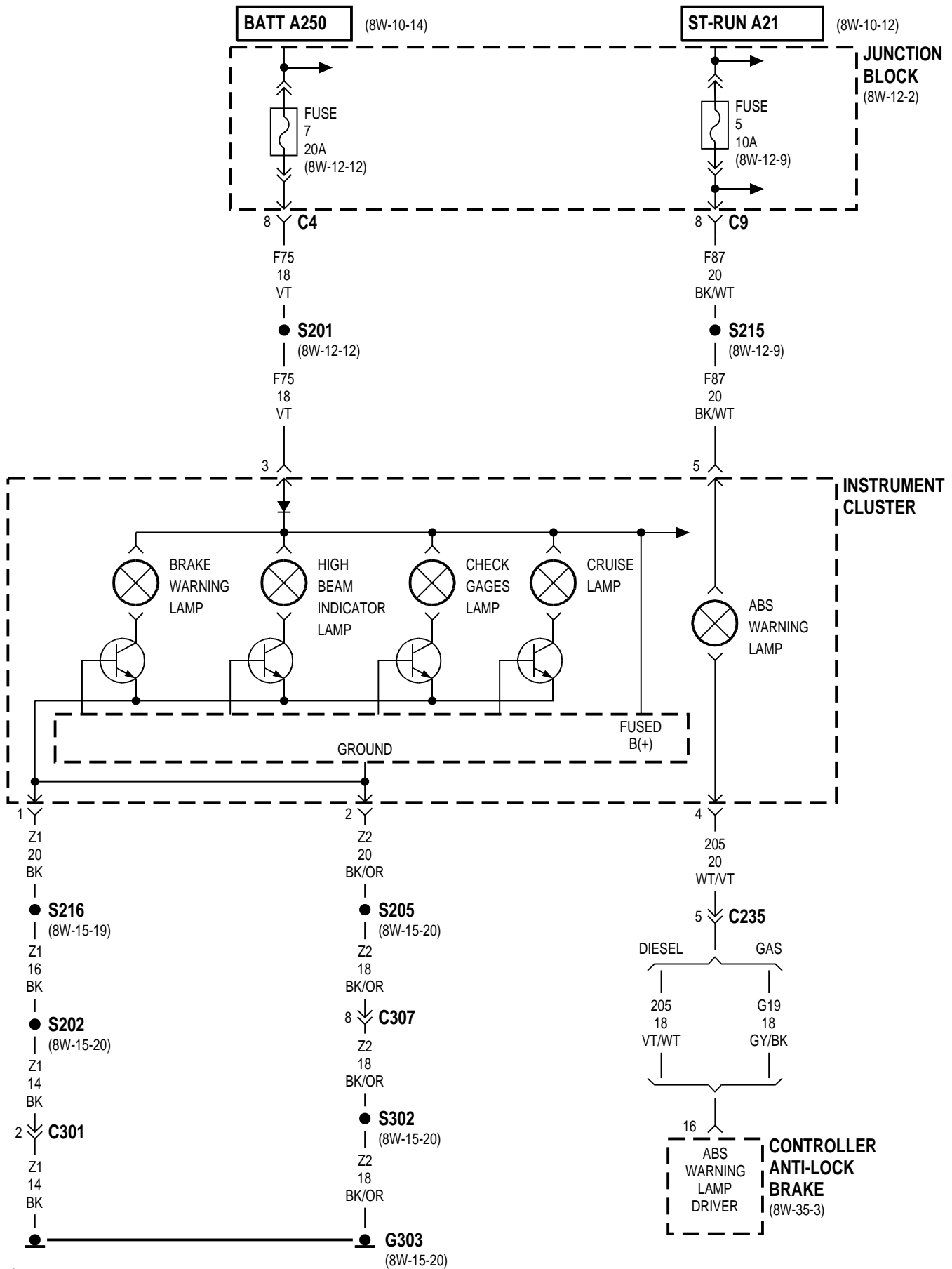
## 8W-40 INSTRUMENT CLUSTER

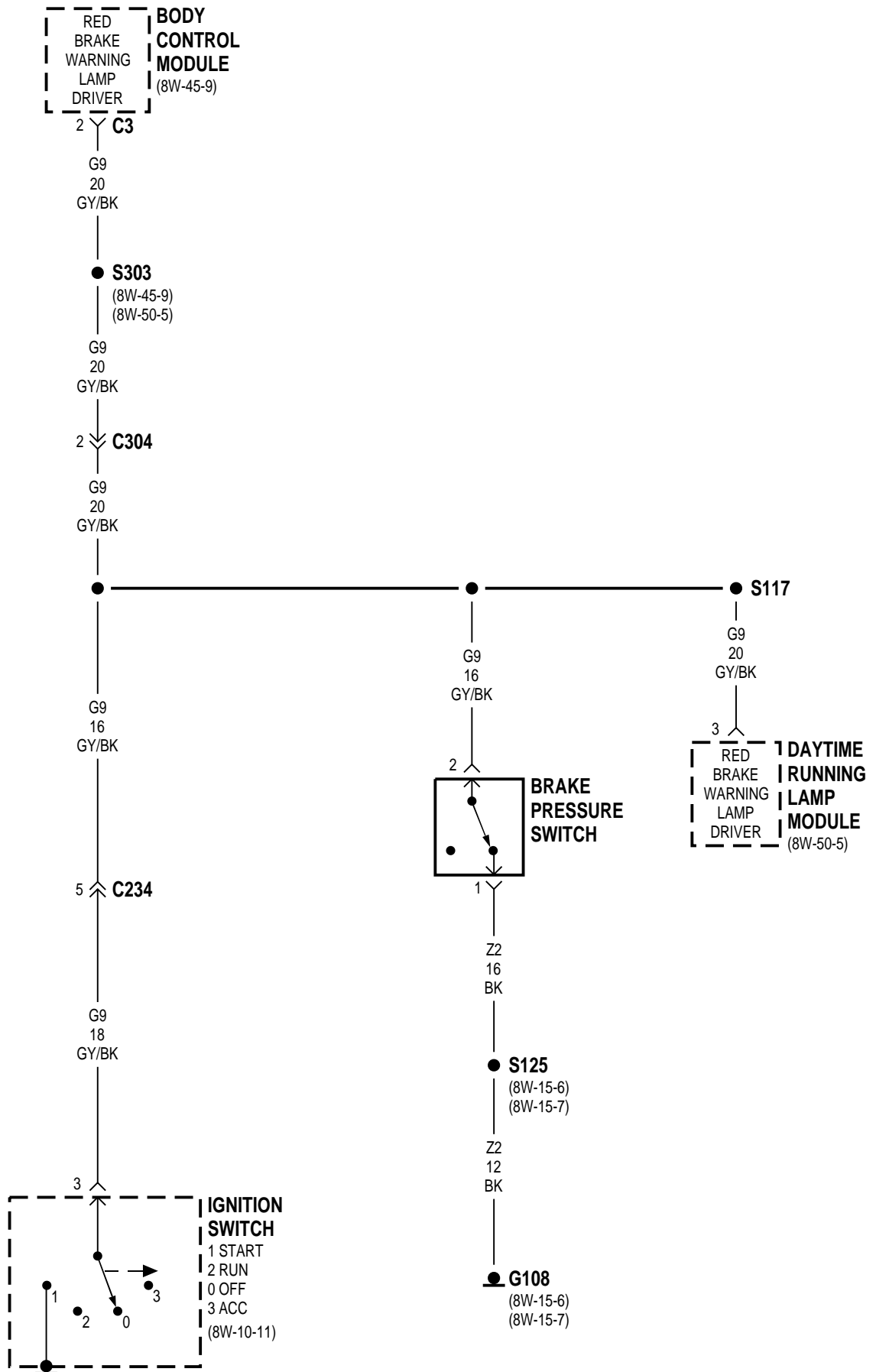
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
ABS Warning Lamp . . . . .	8W-40-5	G303 . . . . .	8W-40-2, 5
Airbag Warning Lamp . . . . .	8W-40-2	Headlamp Switch . . . . .	8W-40-4
Body Control Module . . . . .	8W-40-4, 6	High Beam Indicator Lamp . . . . .	8W-40-5
Brake Pressure Switch . . . . .	8W-40-6	Ignition Switch . . . . .	8W-40-6
Brake Warning Lamp . . . . .	8W-40-5	Illumination Lamps . . . . .	8W-40-4
Check Engine Lamp . . . . .	8W-40-2	Instrument Cluster . . . . .	8W-40-2, 3, 4, 5
Check Gages Lamp . . . . .	8W-40-5	Junction Block . . . . .	8W-40-2, 4, 5
Controller Anti-Lock Brake . . . . .	8W-40-5	Left Front Turn Signal Lamp . . . . .	8W-40-4
Cruise Lamp . . . . .	8W-40-5	Left Turn Signal Indicator Lamp . . . . .	8W-40-4
Data Link Connector . . . . .	8W-40-3	Low Fuel Warning Lamp . . . . .	8W-40-2
Daytime Running Lamp Module . . . . .	8W-40-6	Oil Pressure Gauge . . . . .	8W-40-3
Engine Coolant Temperature Gauge . . . . .	8W-40-3	Right Turn Signal Indicator Lamp . . . . .	8W-40-4
Fuel Gauge . . . . .	8W-40-3	Seat Belt Warning Lamp . . . . .	8W-40-2
Fuse 5 (JB) . . . . .	8W-40-5	Speedometer . . . . .	8W-40-3
Fuse 7 (JB) . . . . .	8W-40-2, 5	Tachometer . . . . .	8W-40-3
G108 . . . . .	8W-40-6	Turn Signal/Hazard Warning Switch . . . . .	8W-40-4
G109 . . . . .	8W-40-4	Volt Meter . . . . .	8W-40-3







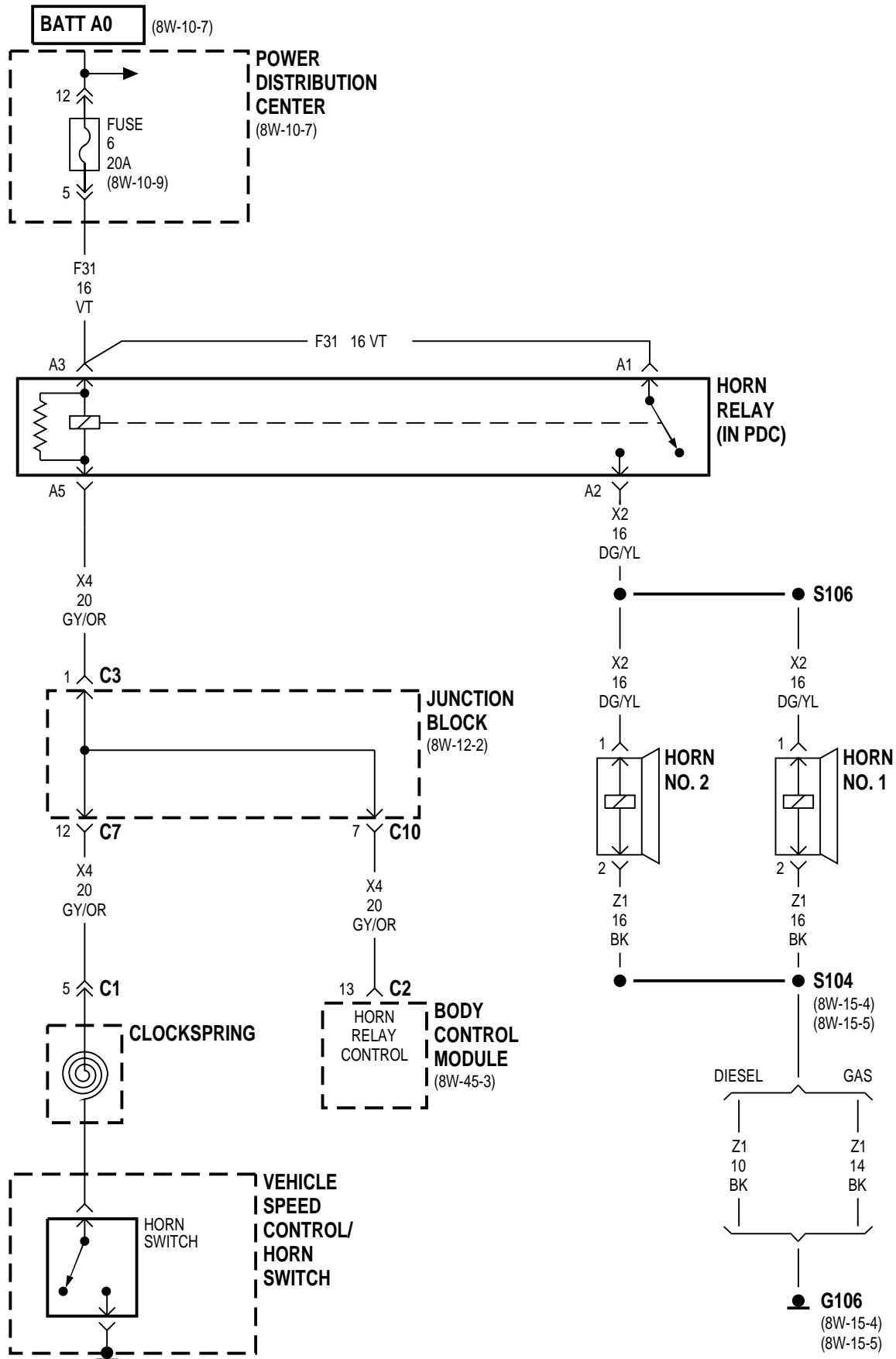




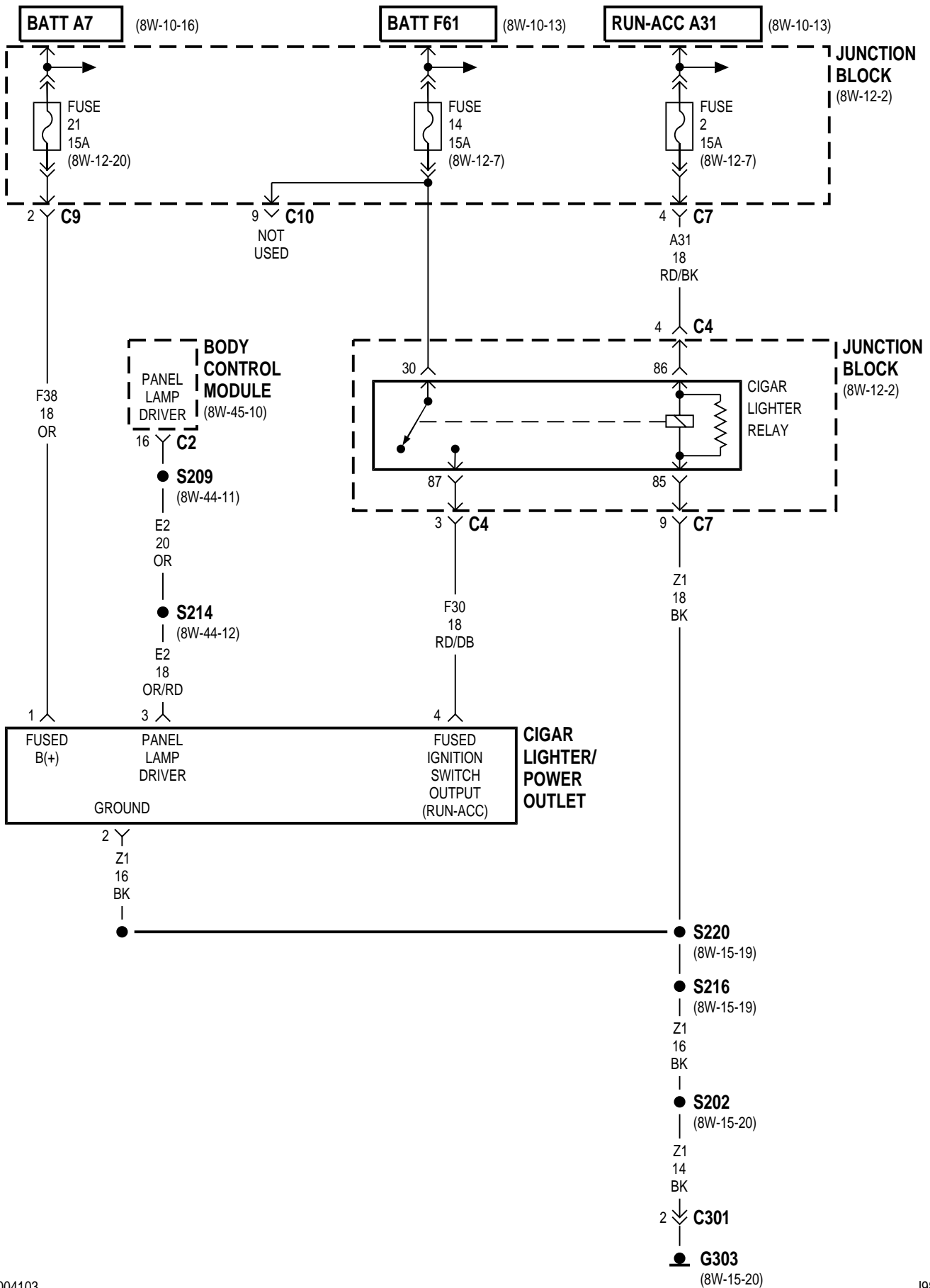


## 8W-41 HORN/CIGAR LIGHTER

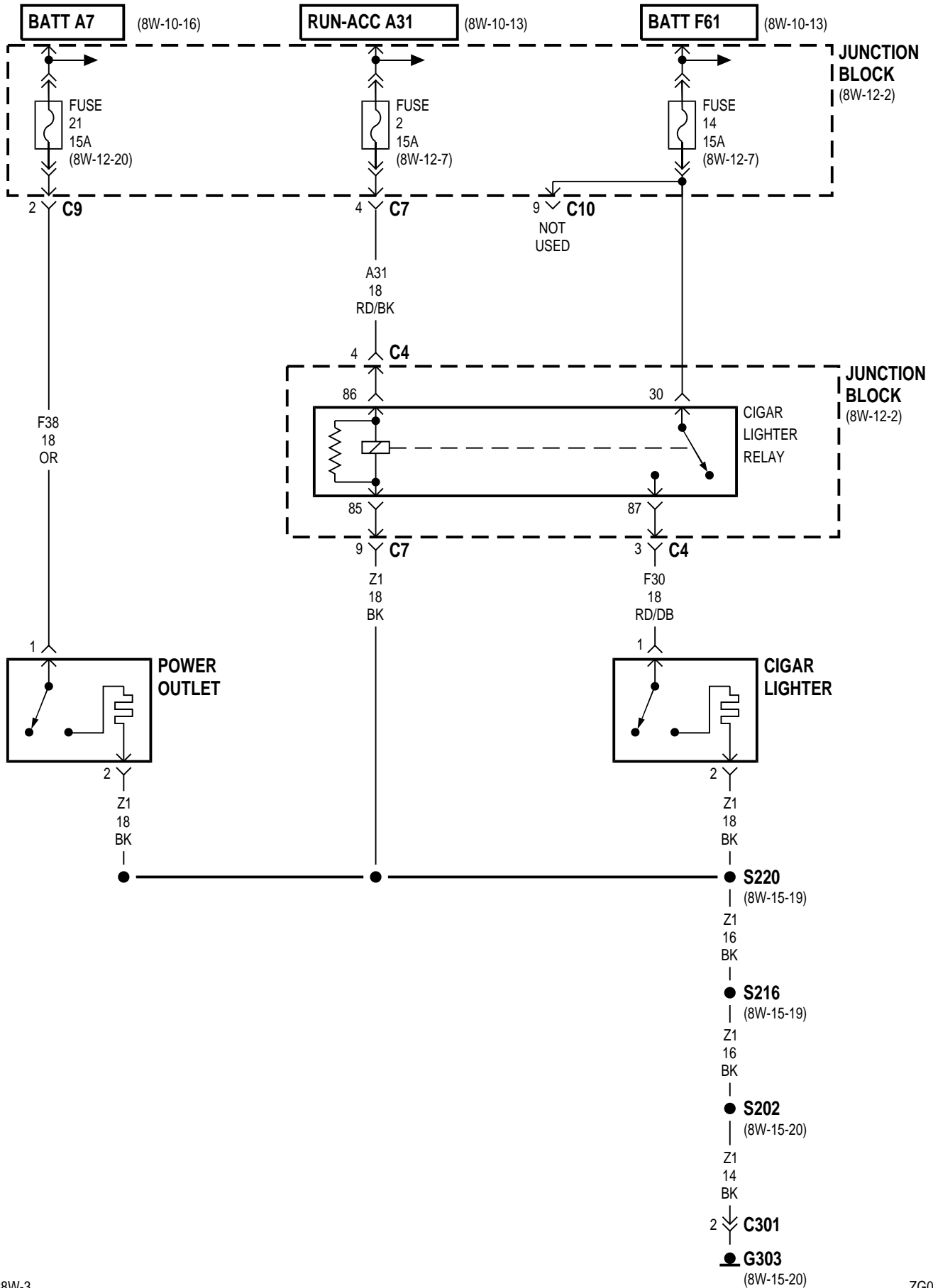
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Body Control Module . . . . .	8W-41-2, 3	G303 . . . . .	8W-41-3, 4
Cigar Lighter . . . . .	8W-41-4	Horn No. 1 . . . . .	8W-41-2
Cigar Lighter Relay . . . . .	8W-41-3, 4	Horn No. 2 . . . . .	8W-41-2
Cigar Lighter/Power Outlet . . . . .	8W-41-3	Horn Relay . . . . .	8W-41-2
Clockspring . . . . .	8W-41-2	Horn Switch . . . . .	8W-41-2
Fuse 2 (JB) . . . . .	8W-41-3, 4	Junction Block . . . . .	8W-41-2, 3, 4
Fuse 6 (PDC) . . . . .	8W-41-2	Power Distribution Center . . . . .	8W-41-2
Fuse 14 (JB) . . . . .	8W-41-3, 4	Power Outlet . . . . .	8W-41-4
Fuse 21 (JB) . . . . .	8W-41-3, 4	Vehicle Speed Control/Horn Switch. . . . .	8W-41-2
G106 . . . . .	8W-41-2		



LHD

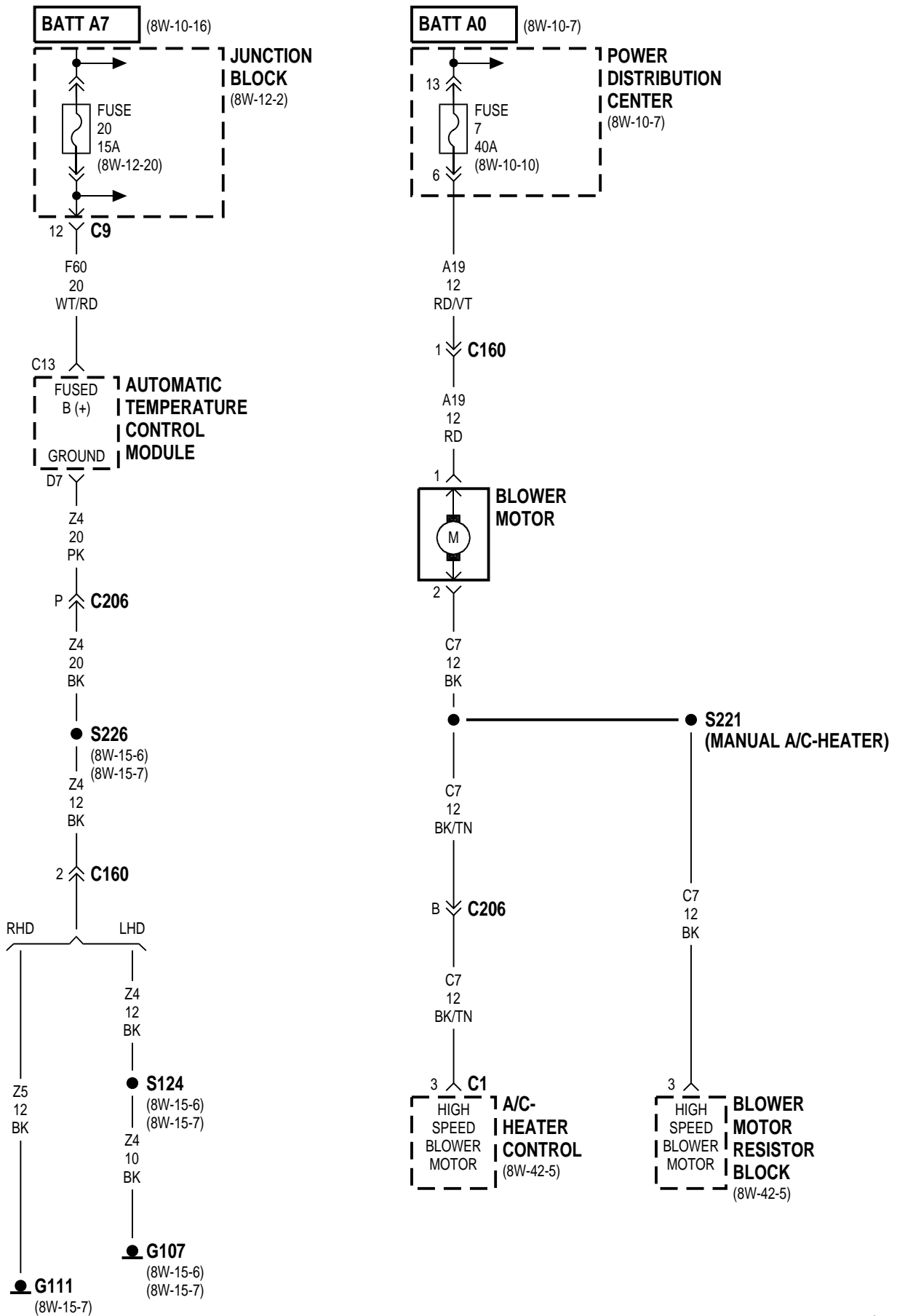


RHD

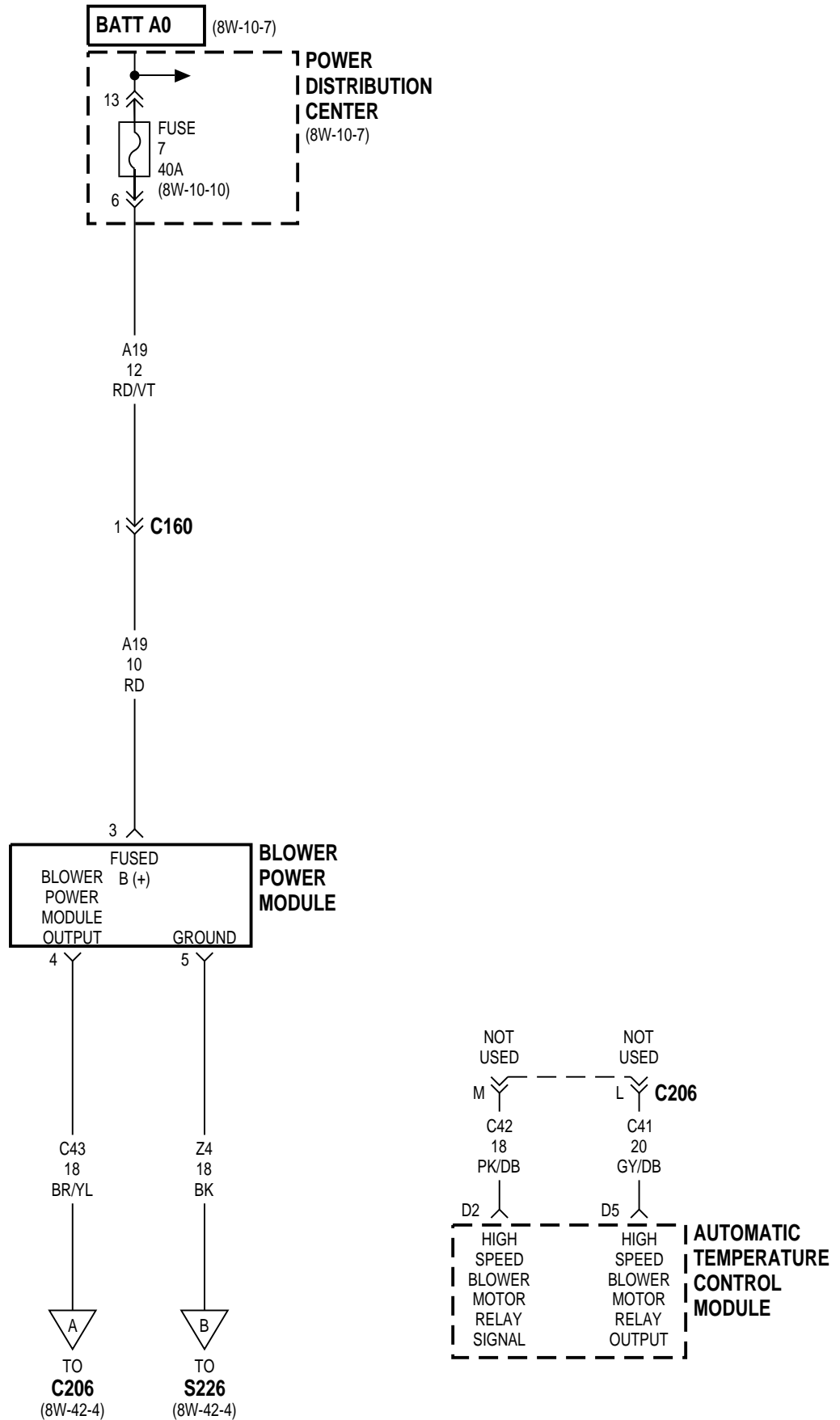


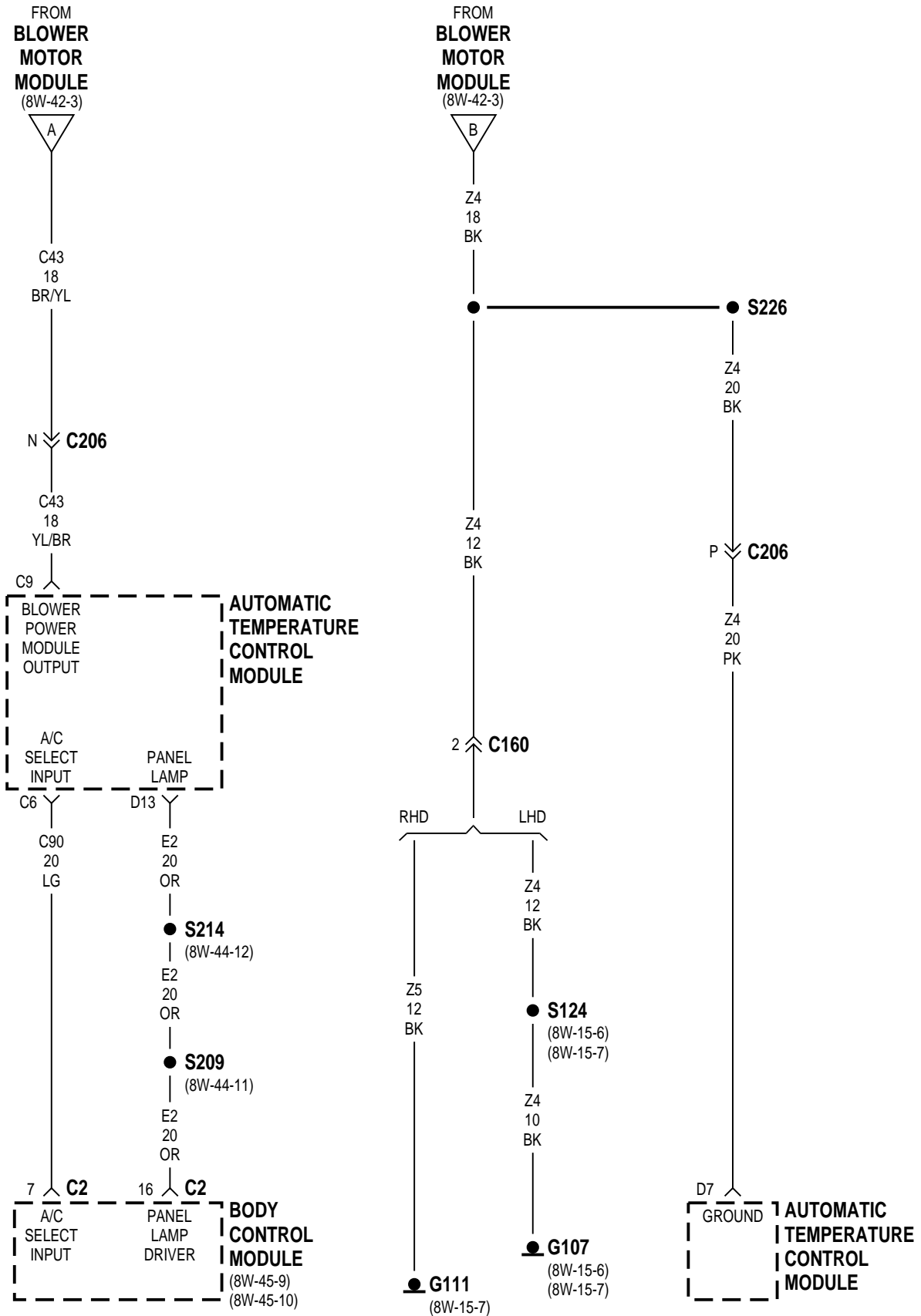
## 8W-42 AIR CONDITIONING/HEATER

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Compressor Clutch . . . . .	8W-42-10, 11	Fuse 18 (PDC). . . . .	8W-42-10
A/C Compressor Clutch Relay . . . . .	8W-42-10, 11	Fuse 20 (JB) . . . . .	8W-42-2
A/C Heater Control . . . . .	8W-42-2, 5	Fuse 20 (PDC). . . . .	8W-42-11
A/C High Pressure Switch. . . . .	8W-42-12, 13	Fuse 21 (PDC). . . . .	8W-42-10, 11
A/C Low Pressure Switch . . . . .	8W-42-12, 13	G104 . . . . .	8W-42-11
Ambient Temperature Sensor . . . . .	8W-42-6	G105 . . . . .	8W-42-10
Automatic Shutdown Relay. . . . .	8W-42-11	G106 . . . . .	8W-42-10, 11, 12
Automatic Temperature Control		G107 . . . . .	8W-42-2, 4, 7
Module . . . . .	8W-42-2, 3, 4, 6, 8, 9	G111 . . . . .	8W-42-2, 4, 7
Blend Door Actuator . . . . .	8W-42-6, 7, 8	G303 . . . . .	8W-42-7
Blower Motor . . . . .	8W-42-2, 5	In-Car Temperature Sensor . . . . .	8W-42-6
Blower Motor Resistor Block. . . . .	8W-42-2, 5	Junction Block . . . . .	8W-42-2, 5, 7, 9
Blower Power Module. . . . .	8W-42-3	Mode Door Actuator . . . . .	8W-42-6, 8
Body Control Module . . . . .	8W-42-4, 5, 6	MSA Controller . . . . .	8W-42-13
Data Link Connector . . . . .	8W-42-9	Power Distribution Center. . . . .	8W-42-2, 3, 10, 11
Fuse 3 (PDC). . . . .	8W-42-11	Powertrain Control Module. . . . .	8W-42-12, 13
Fuse 7 (PDC) . . . . .	8W-42-2, 3	Recirculation Door Actuator . . . . .	8W-42-9
Fuse 12 (JB) . . . . .	8W-42-5, 7, 9	Solar Sensor . . . . .	8W-42-6

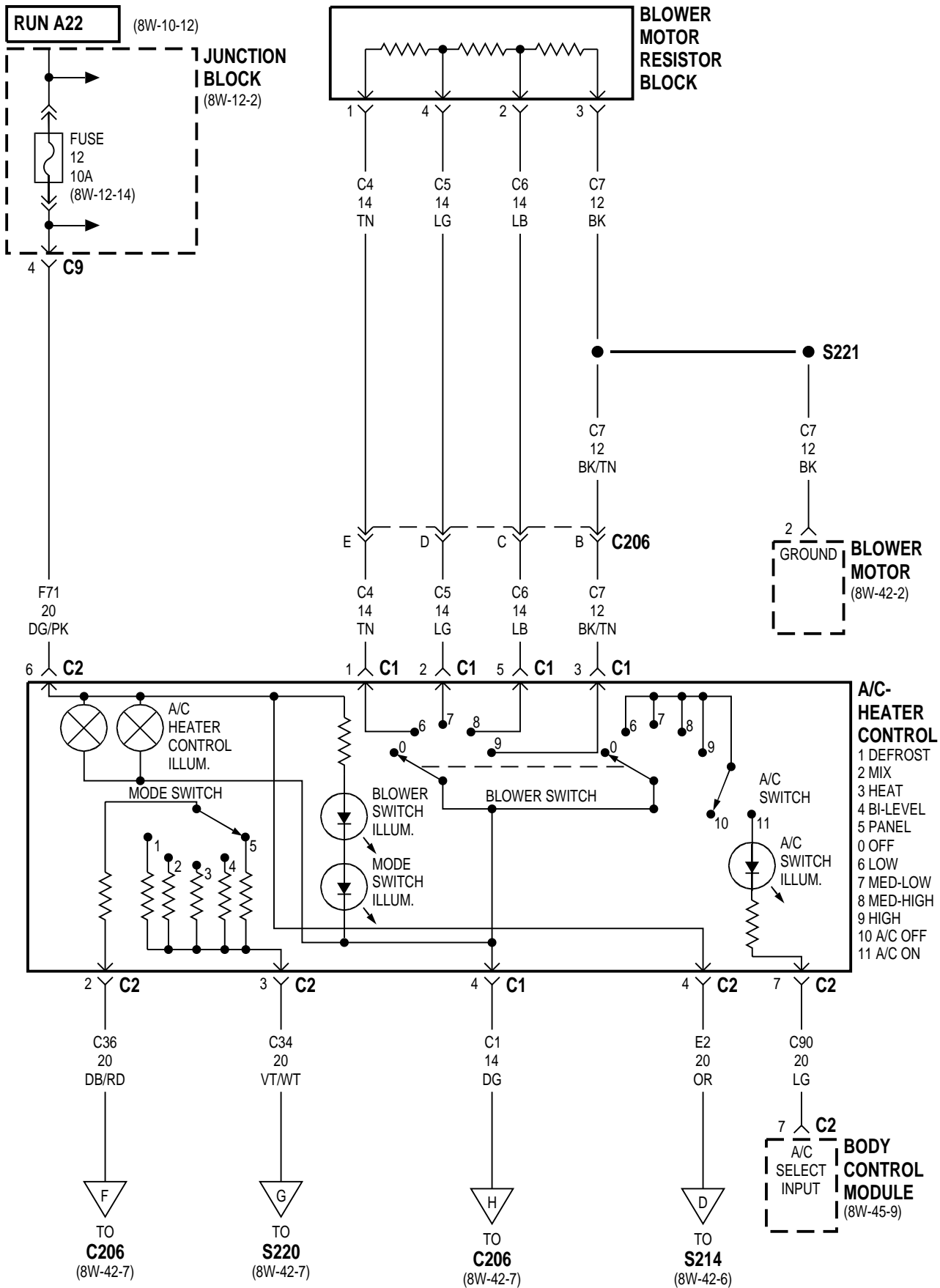


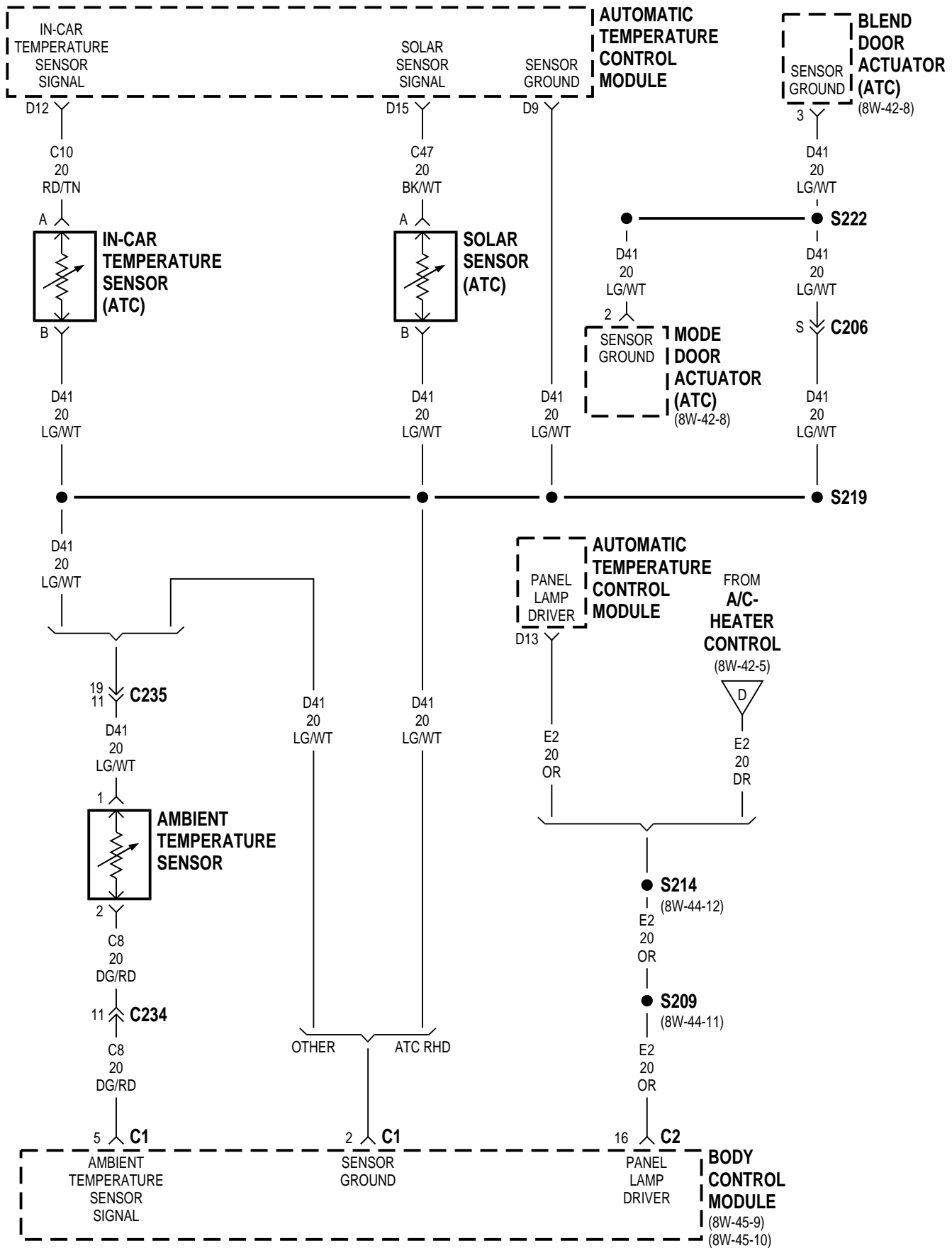
ATC

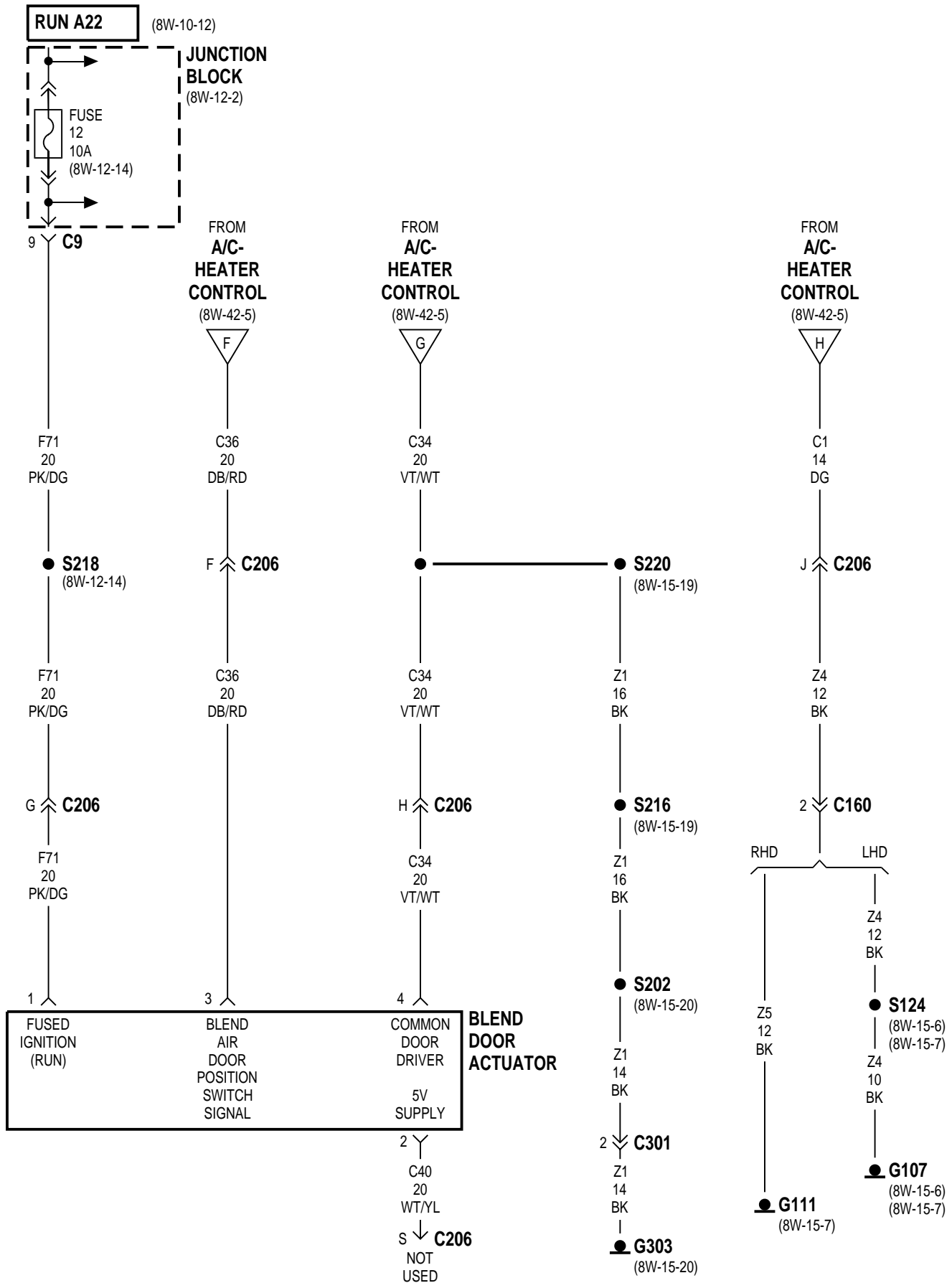


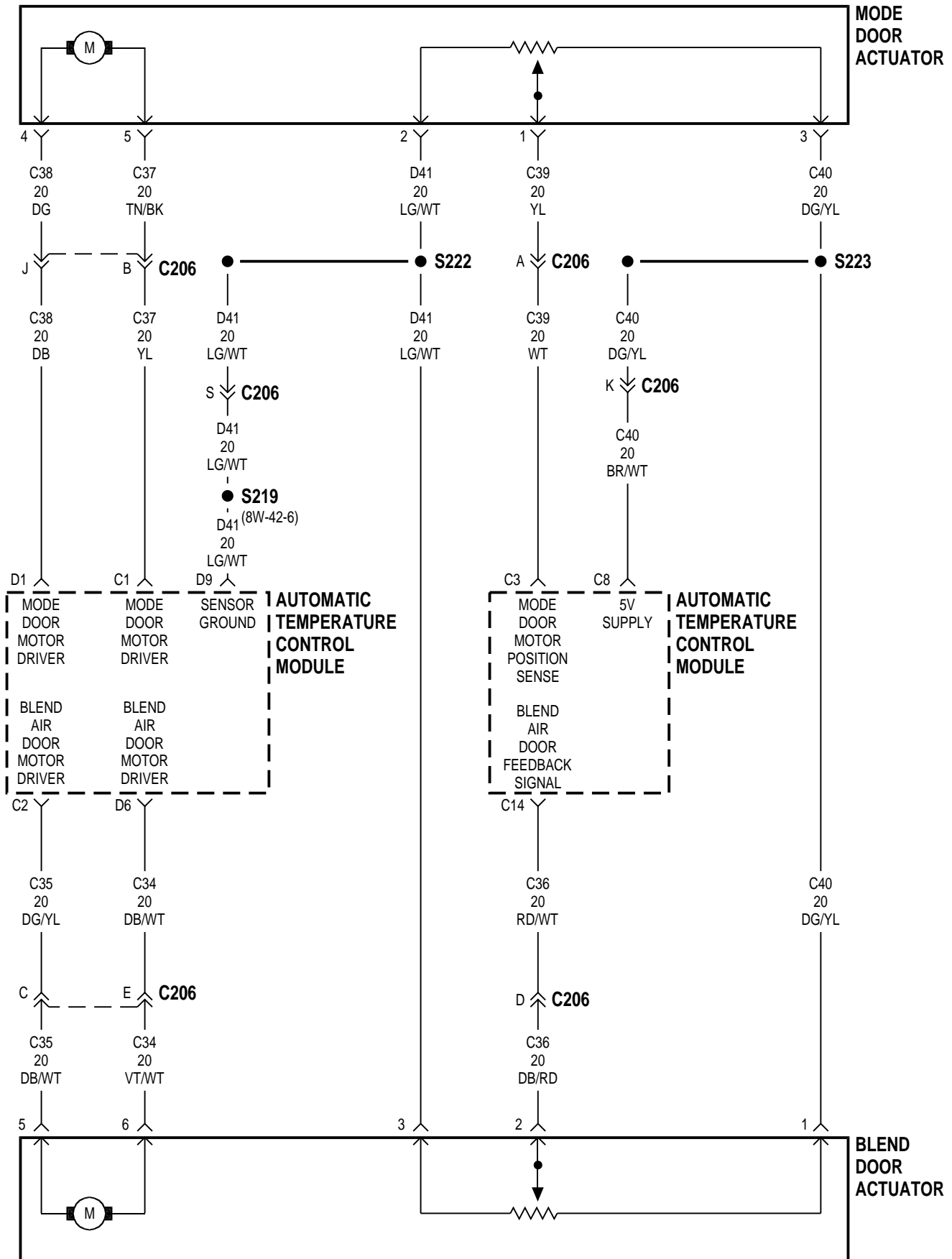


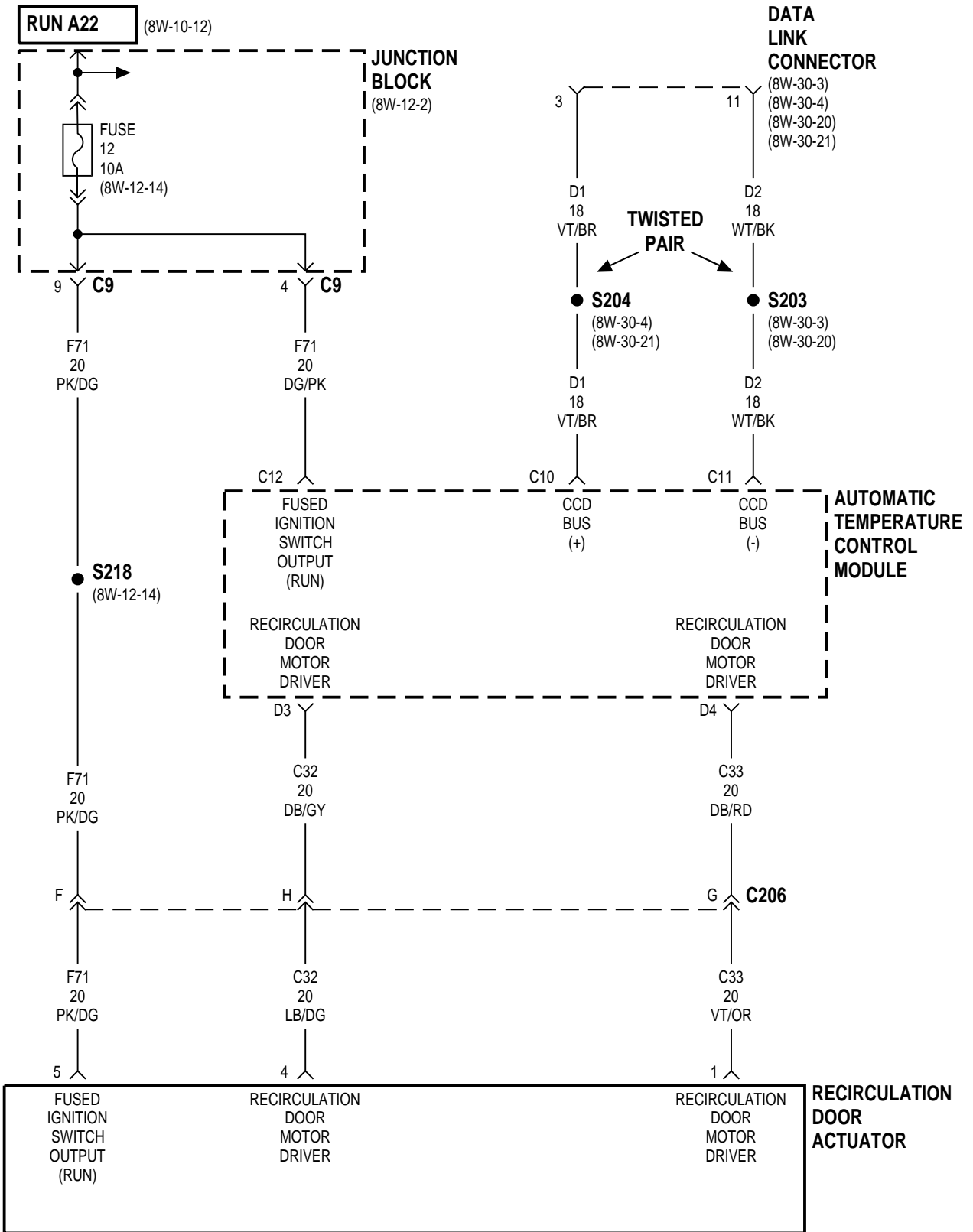




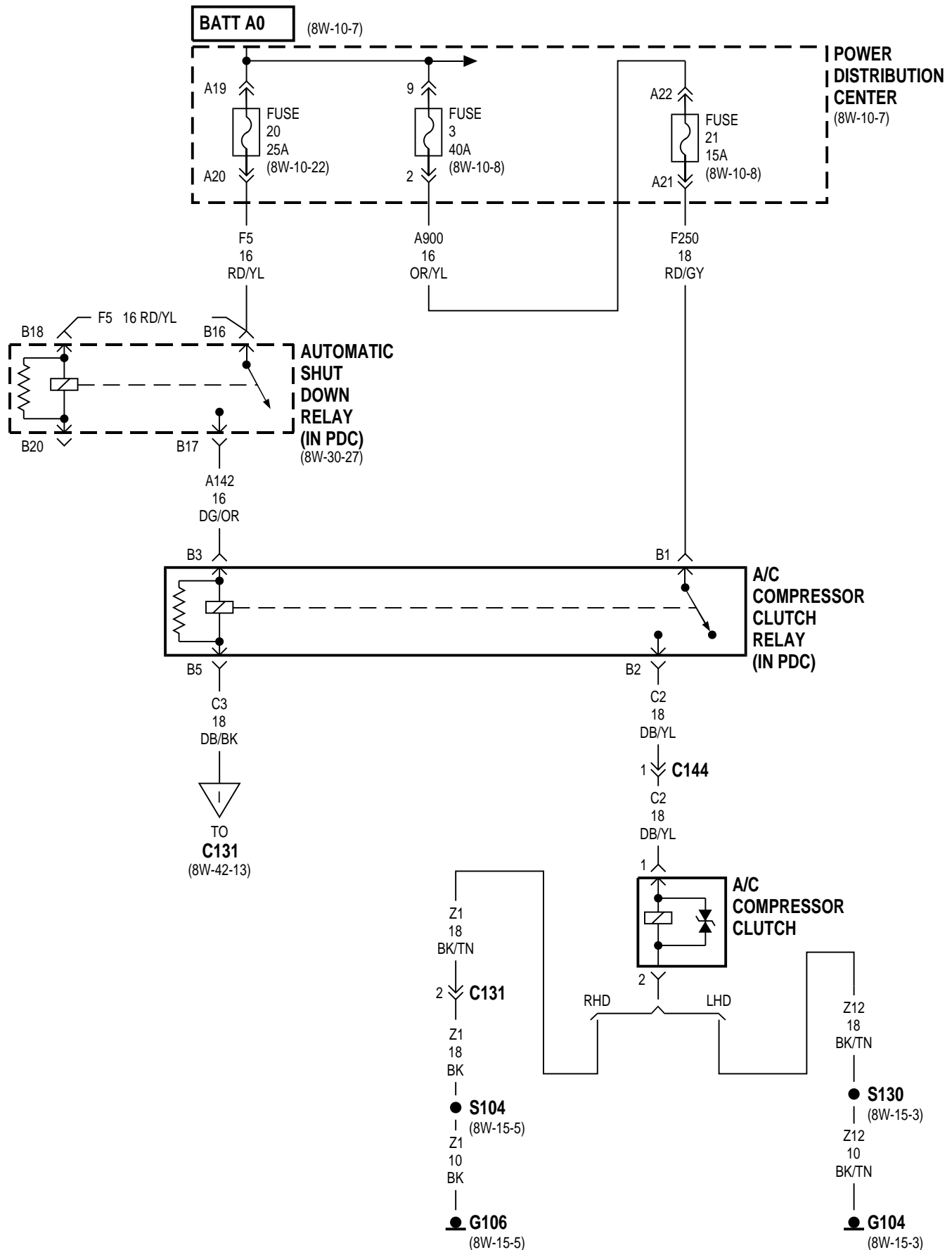


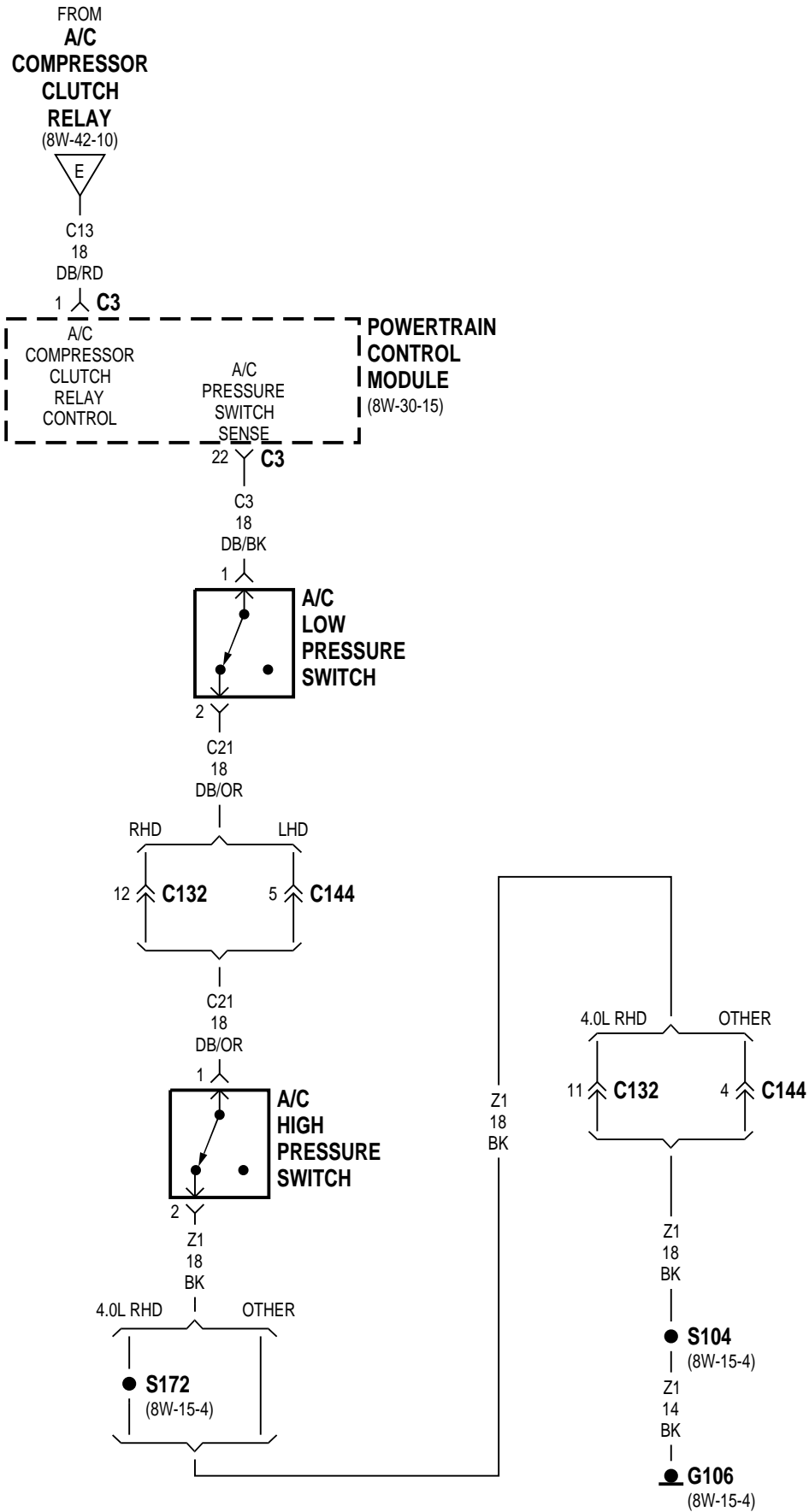




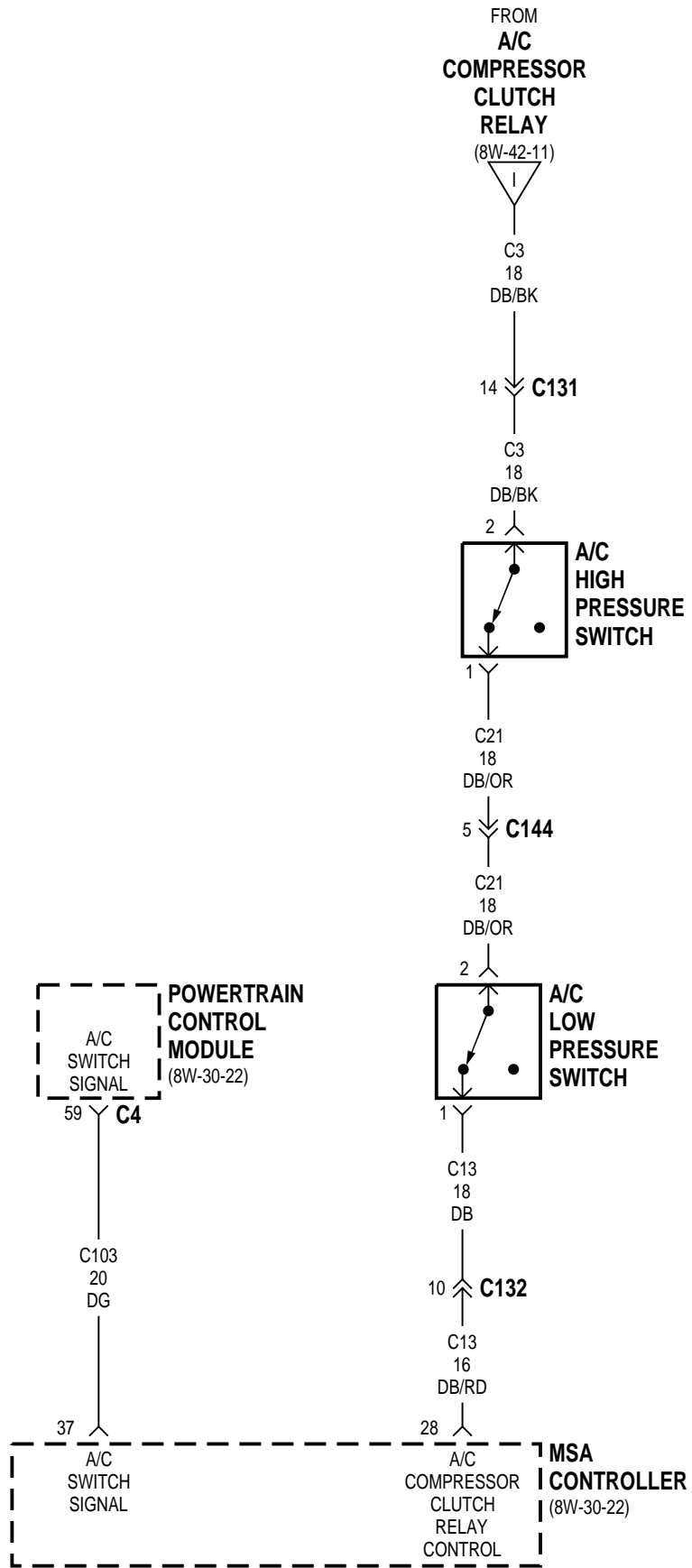








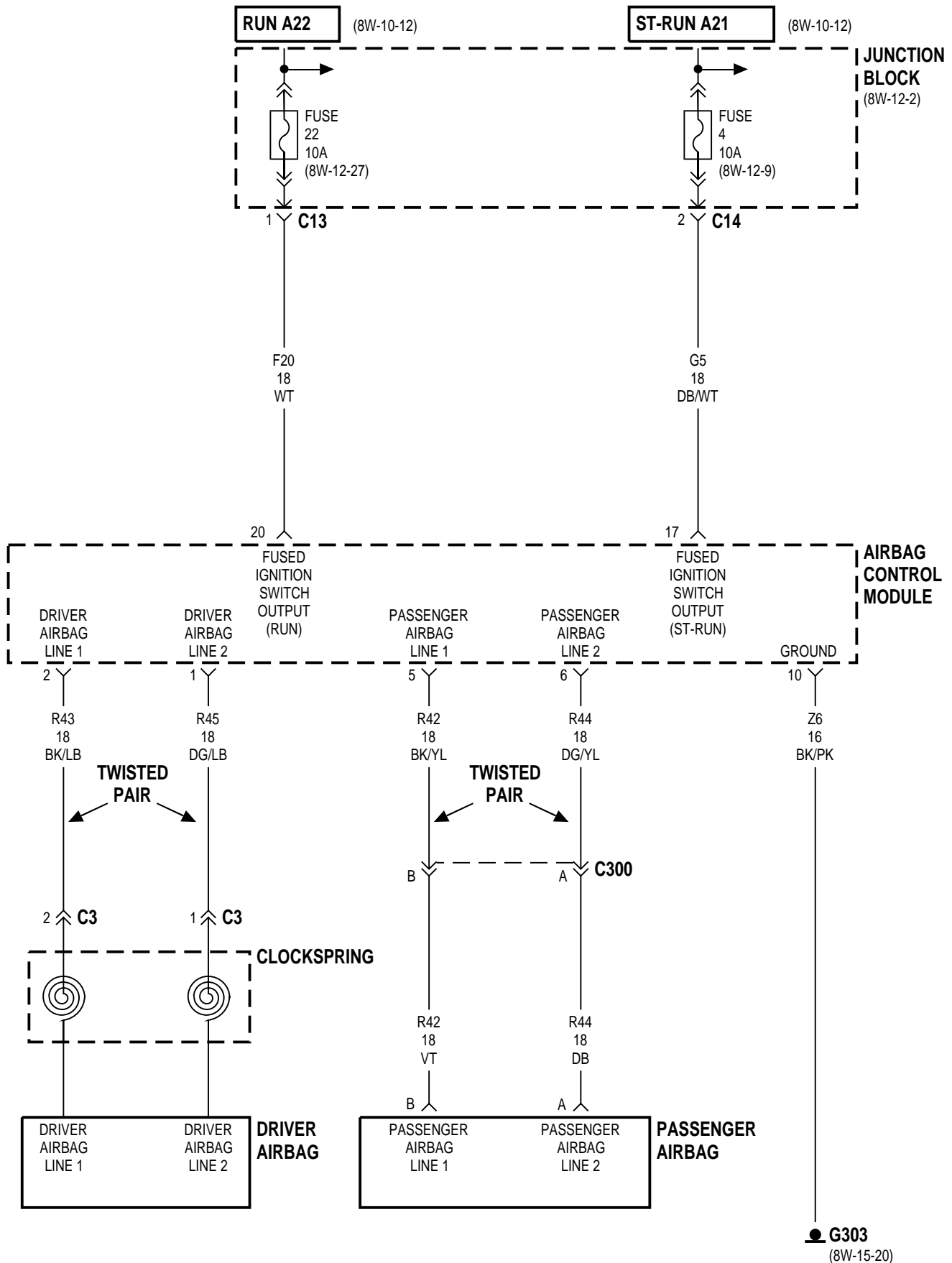


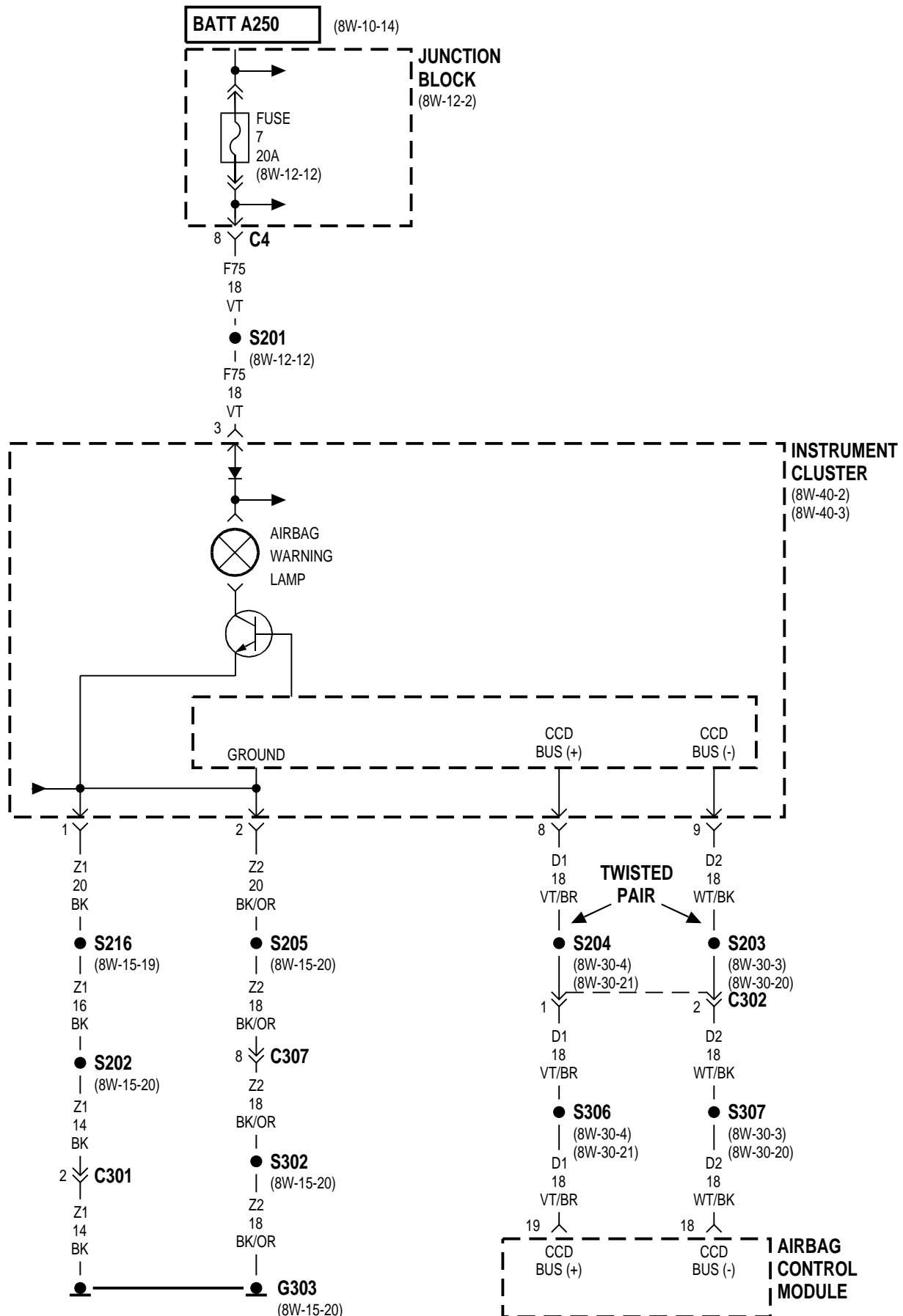




## 8W-43 AIRBAG SYSTEM

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Airbag Control Module . . . . .	8W-43-2, 3	Fuse 22 (JB) . . . . .	8W-43-2
Airbag Warning Lamp . . . . .	8W-43-3	G303 . . . . .	8W-43-2, 3
Clockspring . . . . .	8W-43-2	Instrument Cluster . . . . .	8W-43-3
Driver Airbag . . . . .	8W-43-2	Junction Block . . . . .	8W-43-2, 3
Fuse 4 (JB) . . . . .	8W-43-2	Passenger Airbag . . . . .	8W-43-2
Fuse 7 (JB) . . . . .	8W-43-3		

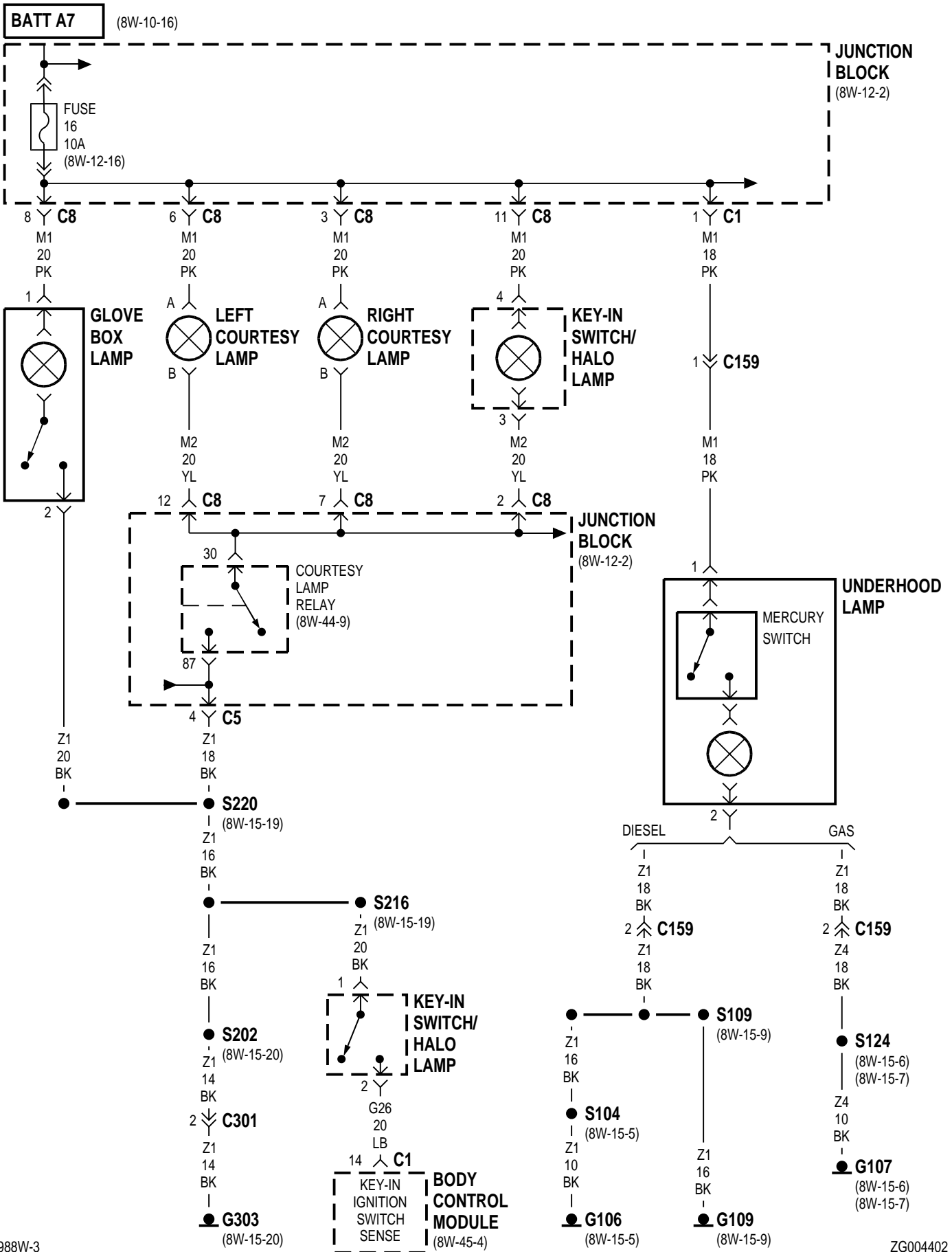




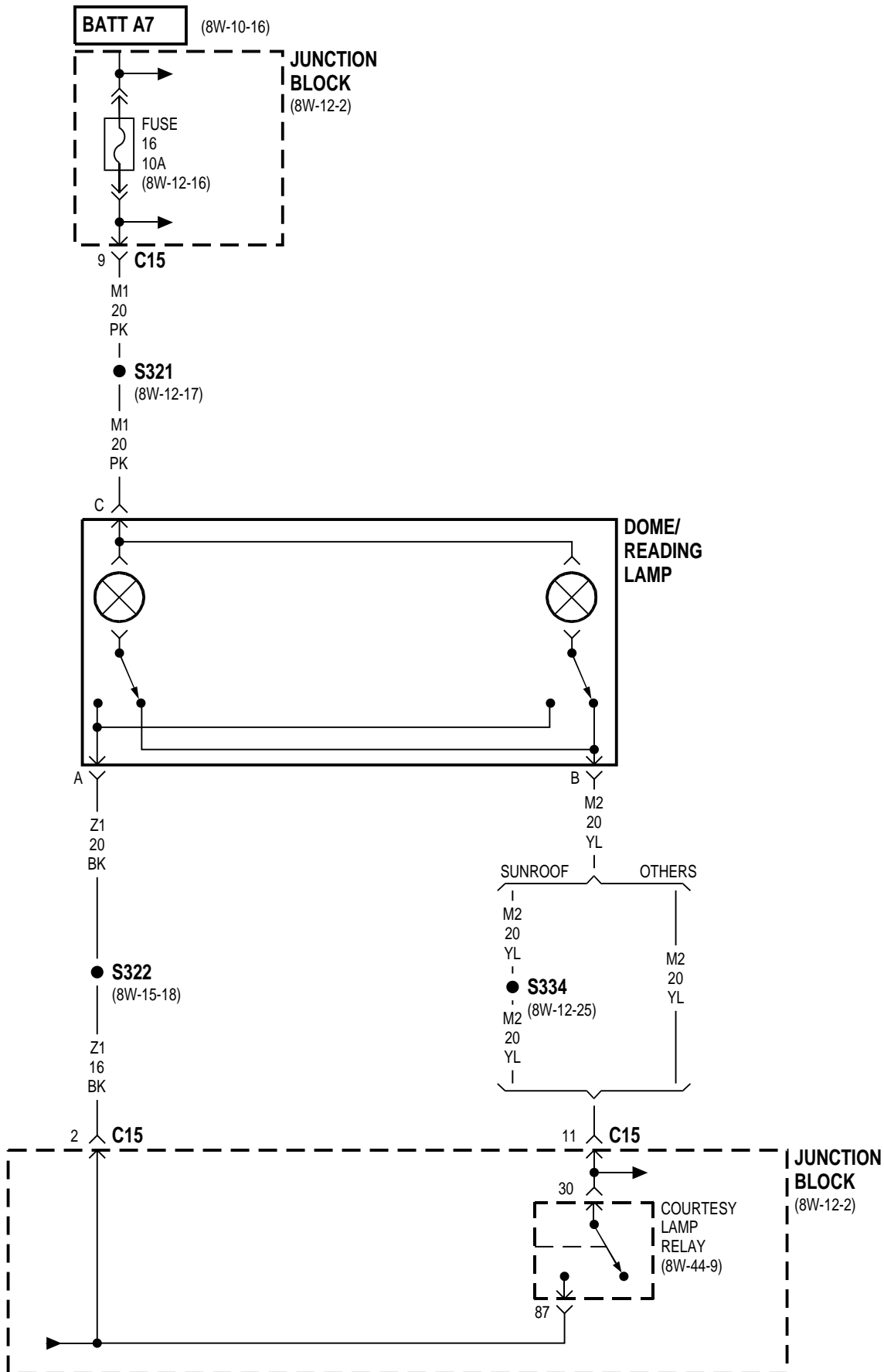


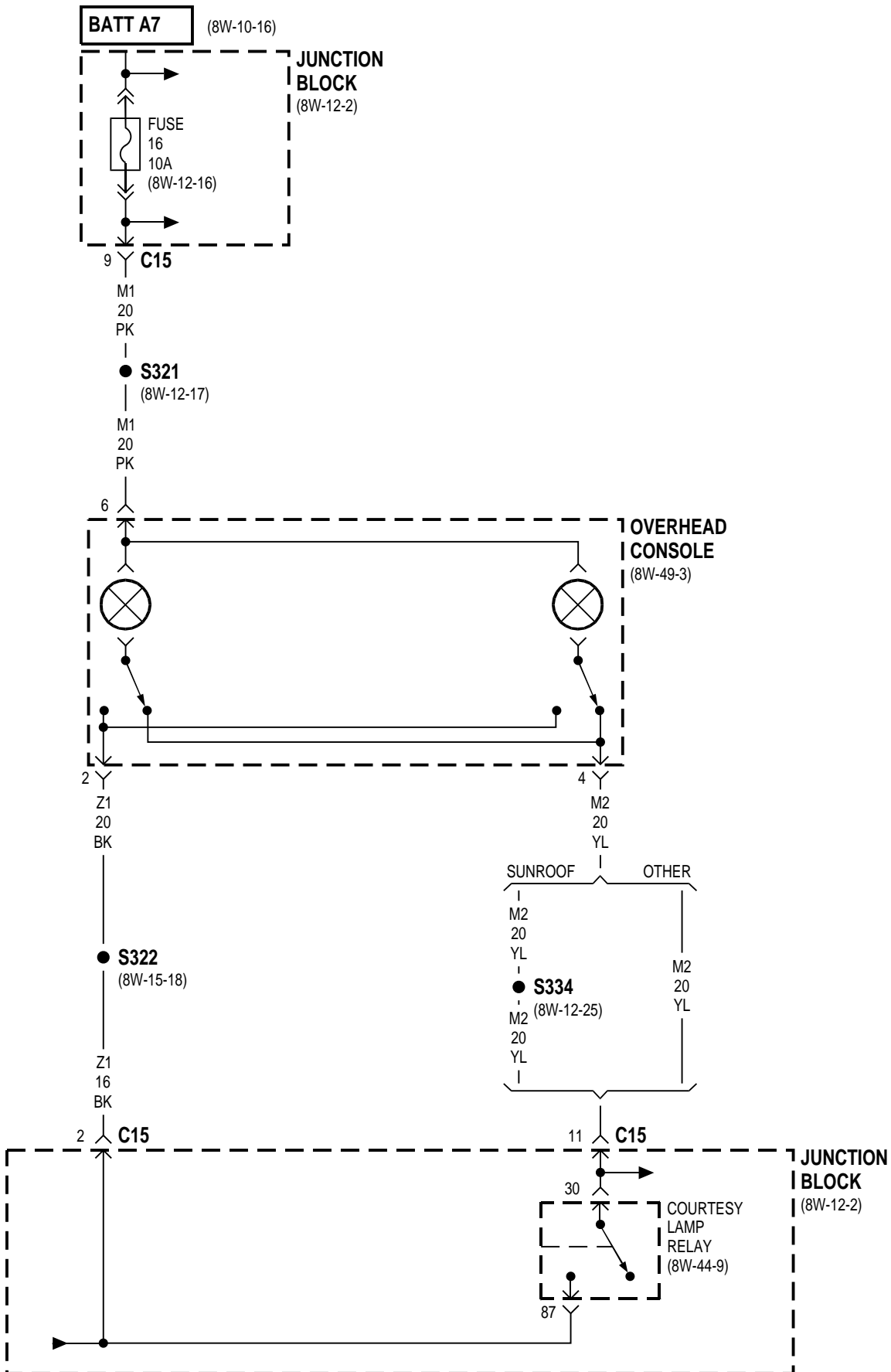
## 8W-44 INTERIOR LIGHTING

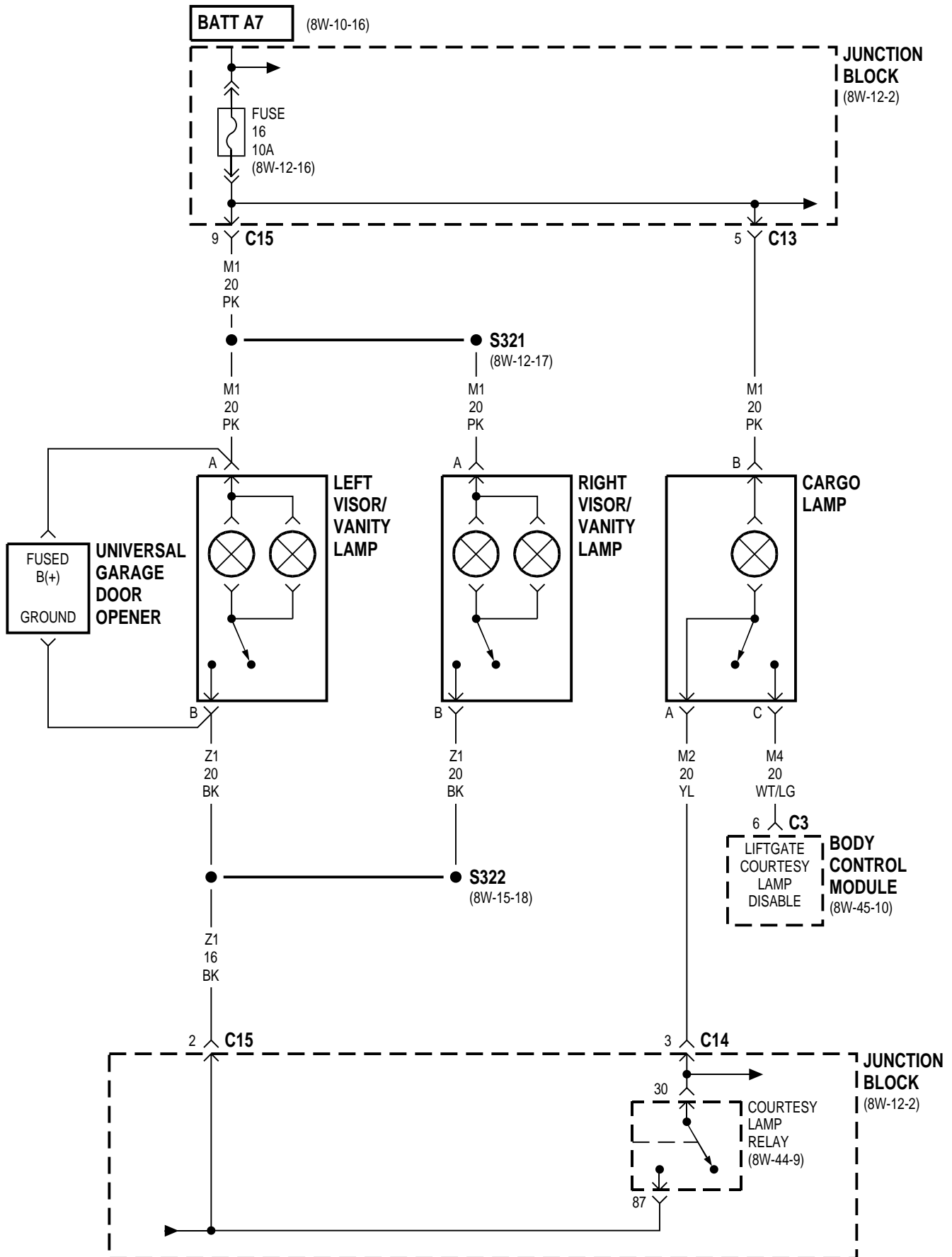
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Heater Control . . . . .	8W-44-12	Glove Box Lamp . . . . .	8W-44-2
Ash Receiver Lamp . . . . .	8W-44-11, 12	Headlamp Switch . . . . .	8W-44-11
Automatic Day/Night Mirror . . . . .	8W-44-6	Instrument Cluster . . . . .	8W-44-11
Automatic Temperature Control Module . . . . .	8W-44-12	Junction Block . . . . .	8W-44-2, 3, 4, 5, 6, 7, 8, 9, 10
Back-Up Lamp Switch . . . . .	8W-44-7	Key-In Switch/Halo Lamp . . . . .	8W-44-2
Body Control Module . . . . .	8W-44-2, 5, 9, 11, 12, 13	Left Courtesy Lamp . . . . .	8W-44-2, 9
Cargo Lamp . . . . .	8W-44-5	Left Visor/Vanity Lamp . . . . .	8W-44-5
Cigar Lighter Lamp . . . . .	8W-44-12	Liftgate Ajar Switch . . . . .	8W-44-13
Cigar Lighter/Power Outlet . . . . .	8W-44-12	Liftglass Ajar Switch . . . . .	8W-44-13
Circuit Breaker 2 . . . . .	8W-44-10	Mercury Switch . . . . .	8W-44-2
Courtesy Lamp Relay . . . . .	8W-44-2, 3, 4, 5, 9	Overhead Console . . . . .	8W-44-4
Dome/Reading Lamp . . . . .	8W-44-3	Park/Neutral Position Switch . . . . .	8W-44-8
Driver Door Courtesy Lamp . . . . .	8W-44-10	Passenger Door Courtesy Lamp . . . . .	8W-44-10
Driver Door Module . . . . .	8W-44-10	Passenger Door Module . . . . .	8W-44-10
Driver Front Door Ajar Switch . . . . .	8W-44-13	Passenger Front Door Ajar Switch . . . . .	8W-44-13
Driver Outside Power Mirror . . . . .	8W-44-6	Passenger Rear Door Ajar Switch . . . . .	8W-44-13
Driver Rear Door Ajar Switch . . . . .	8W-44-13	Powertrain Control Module . . . . .	8W-44-8
Floor Console Lamps . . . . .	8W-44-11	Radio . . . . .	8W-44-9
Fuse 6 (JB) . . . . .	8W-44-6	Right Courtesy Lamp . . . . .	8W-44-2, 9
Fuse 16 (JB) . . . . .	8W-44-2, 3, 4, 5, 9	Right Visor/Vanity Lamp . . . . .	8W-44-5
G107 . . . . .	8W-44-2	Switch Pod . . . . .	8W-44-11
G109 . . . . .	8W-44-2	Underhood Lamp . . . . .	8W-44-2
G300 . . . . .	8W-44-13	Universal Garage Door Opener . . . . .	8W-44-5
G301 . . . . .	8W-44-10	Vehicle Information Center/ Graphic Display Module . . . . .	8W-44-12
G302 . . . . .	8W-44-10, 11		
G303 . . . . .	8W-44-2, 7, 8, 9, 11, 12		

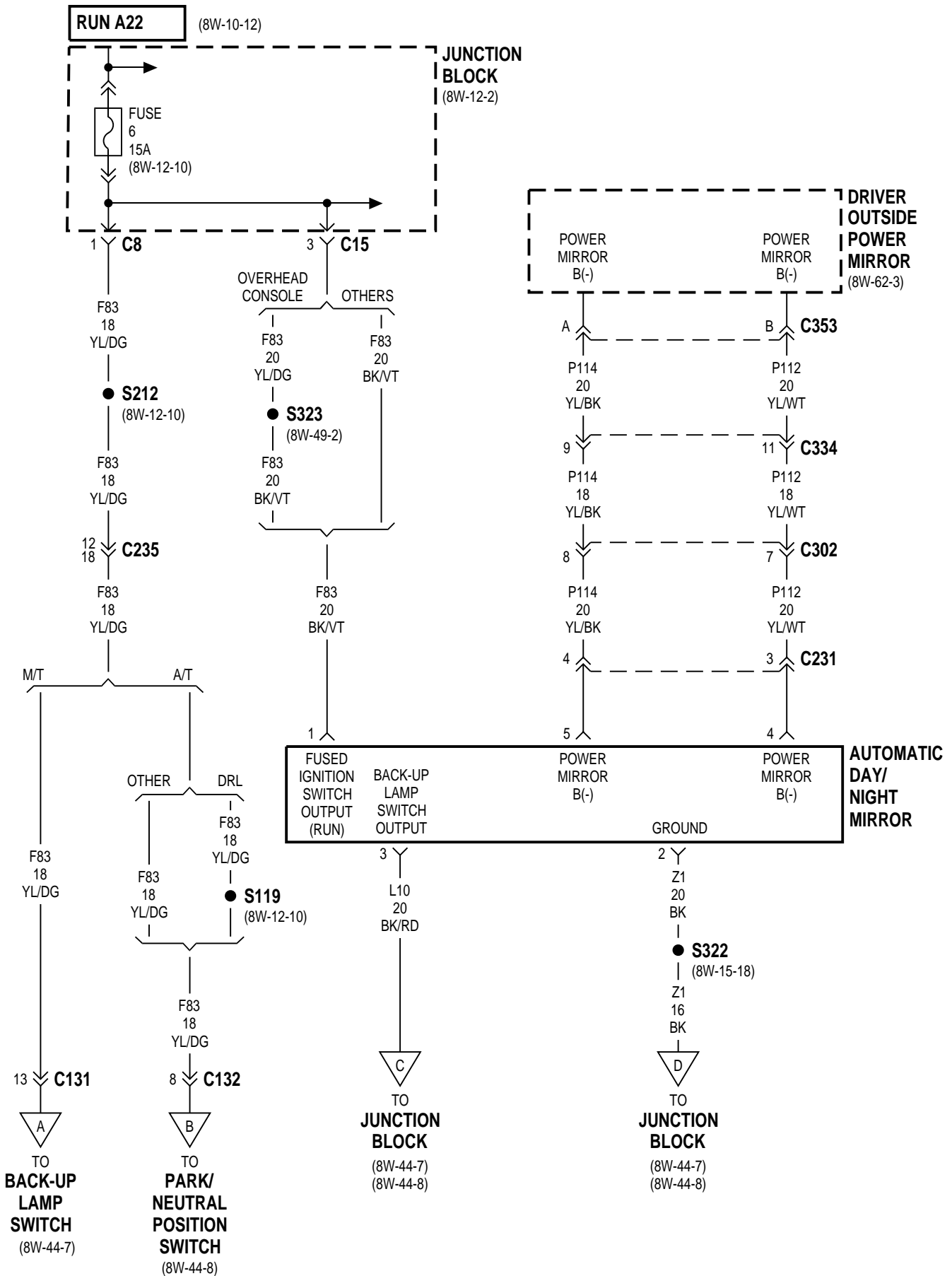


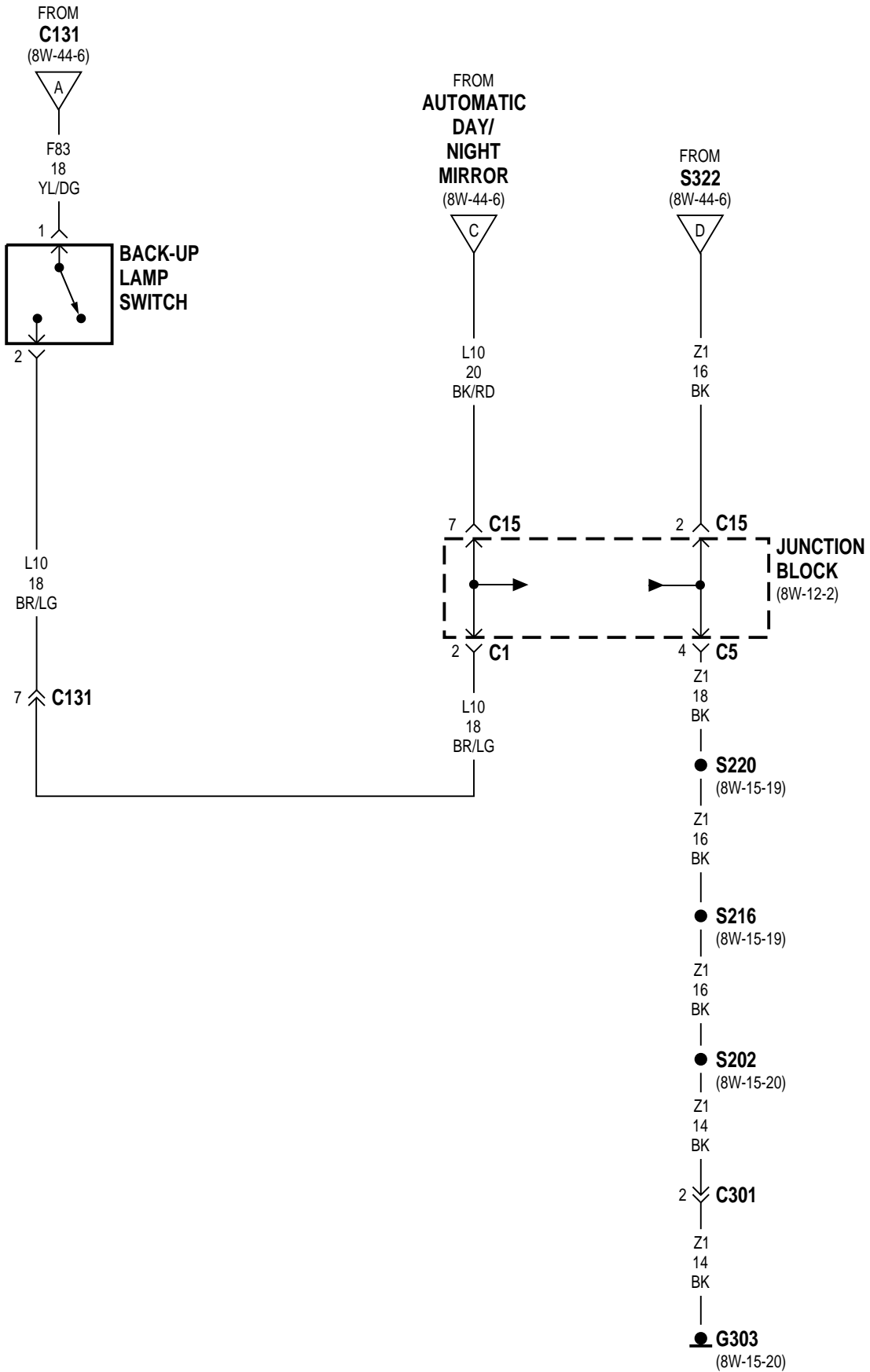


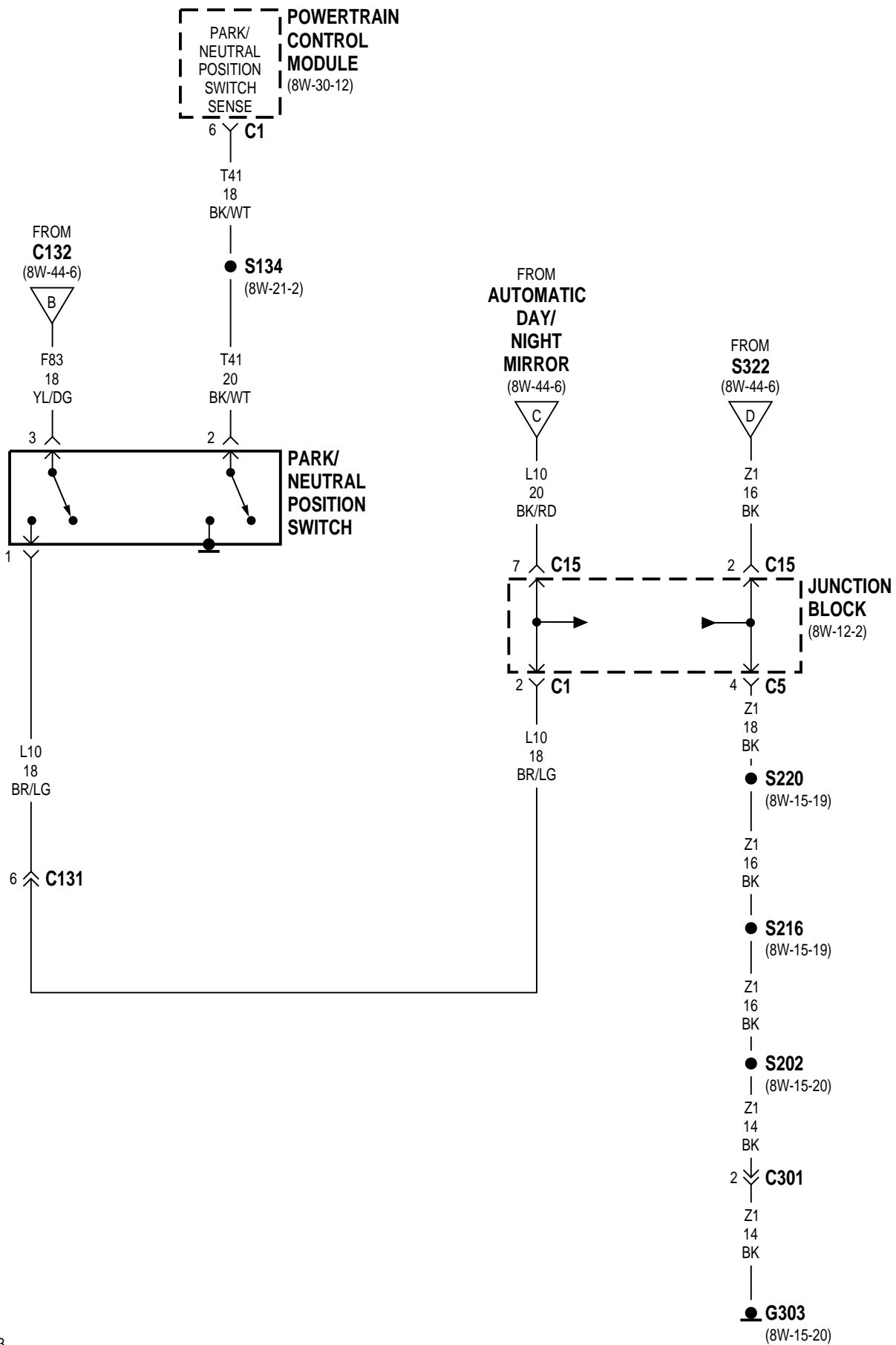


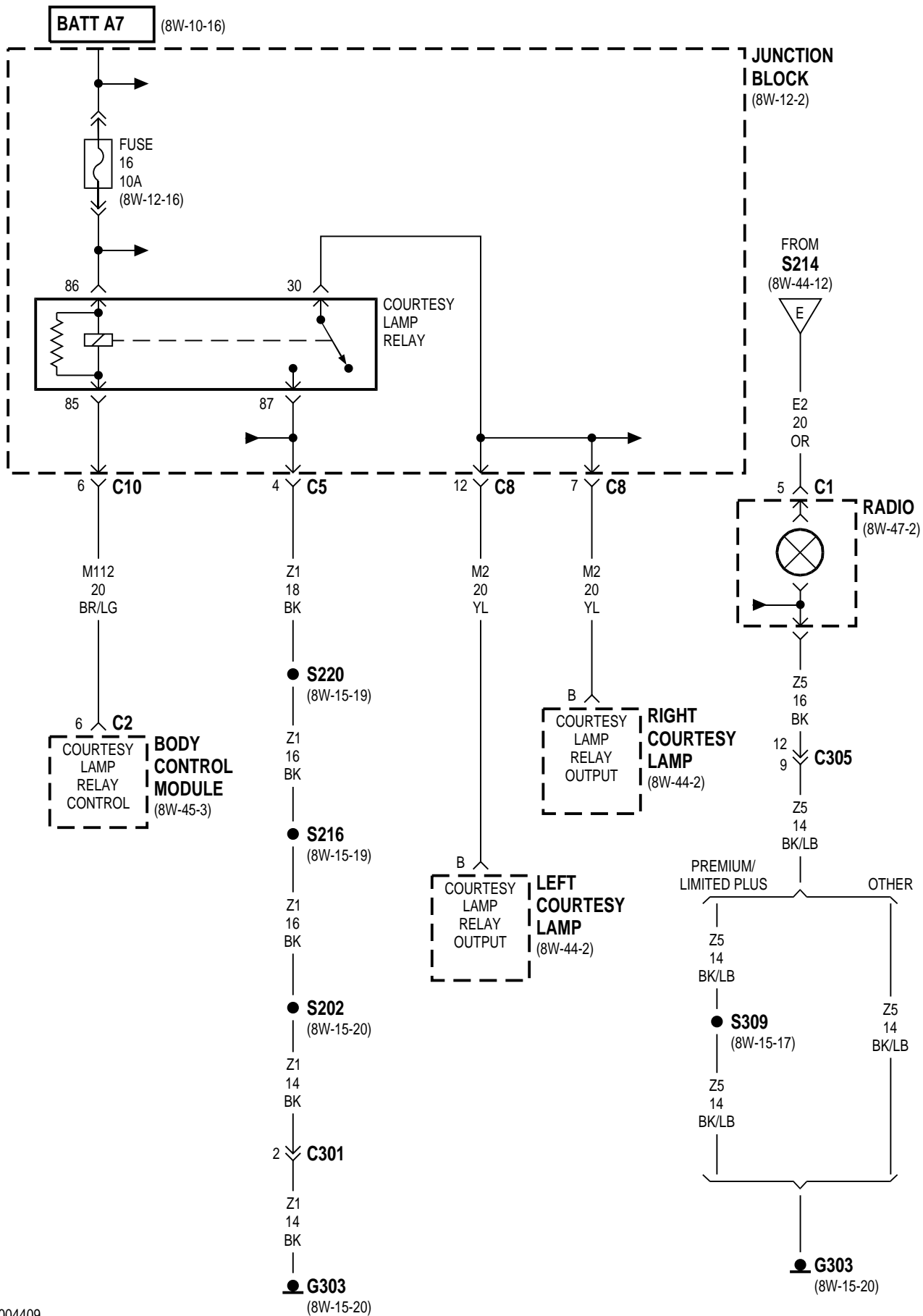


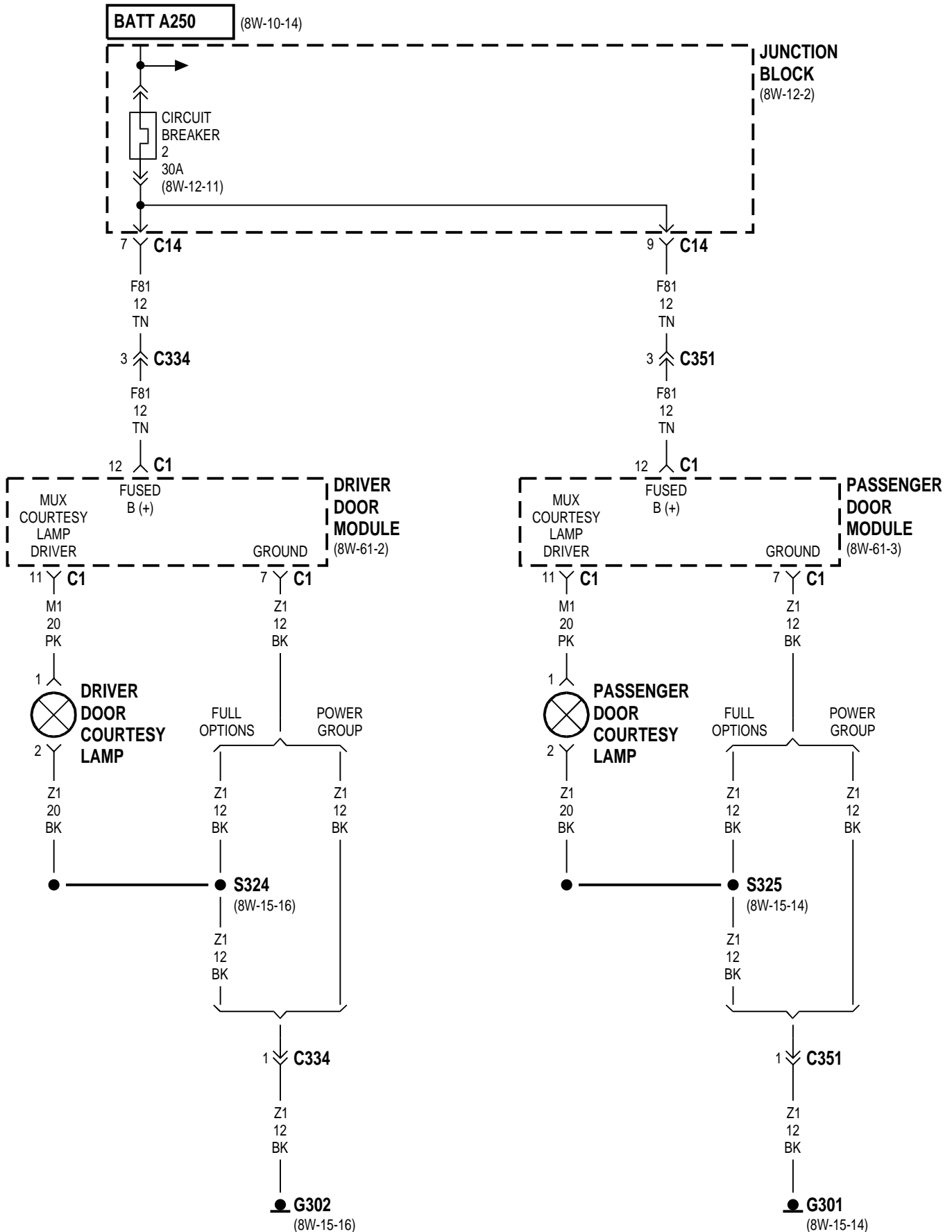




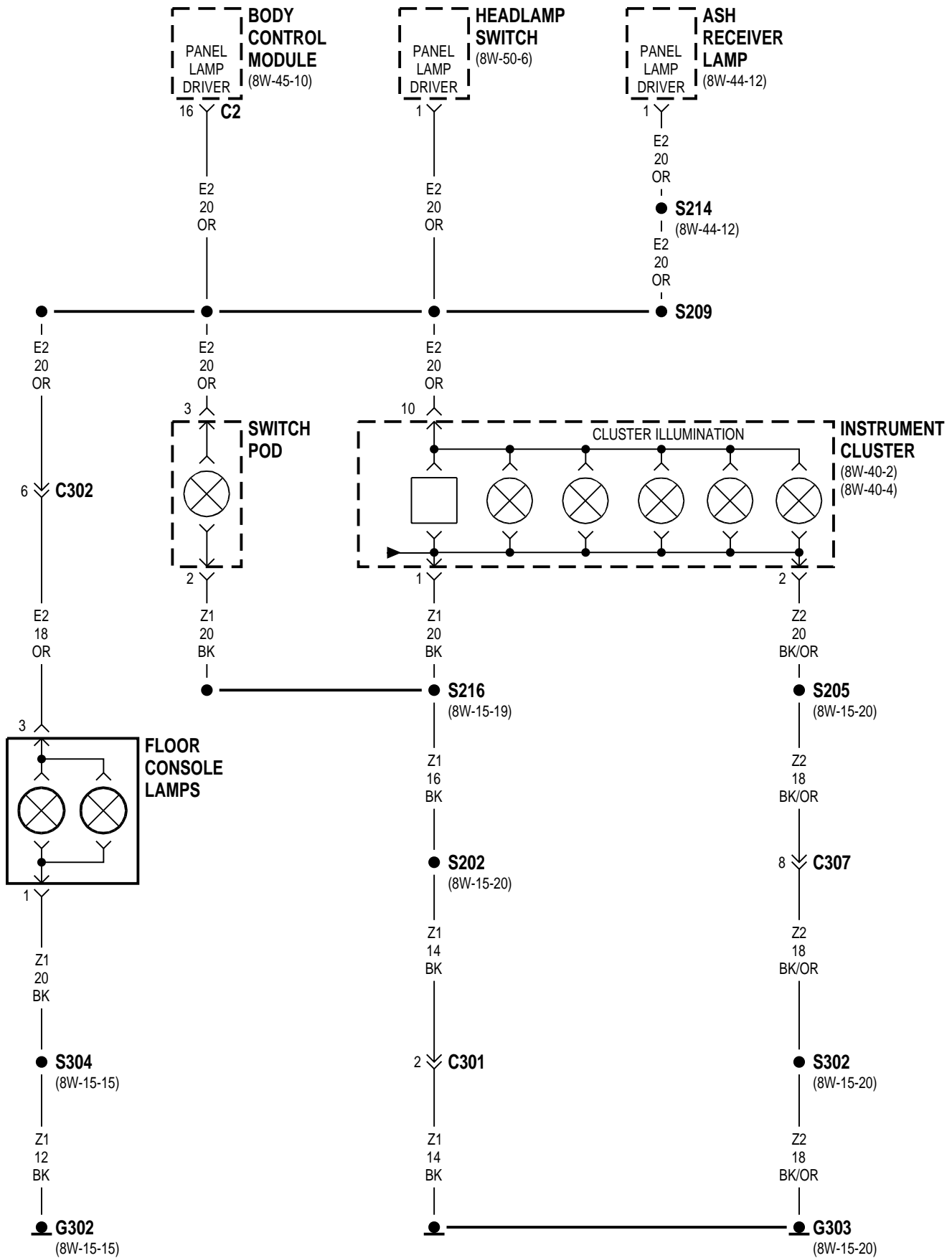


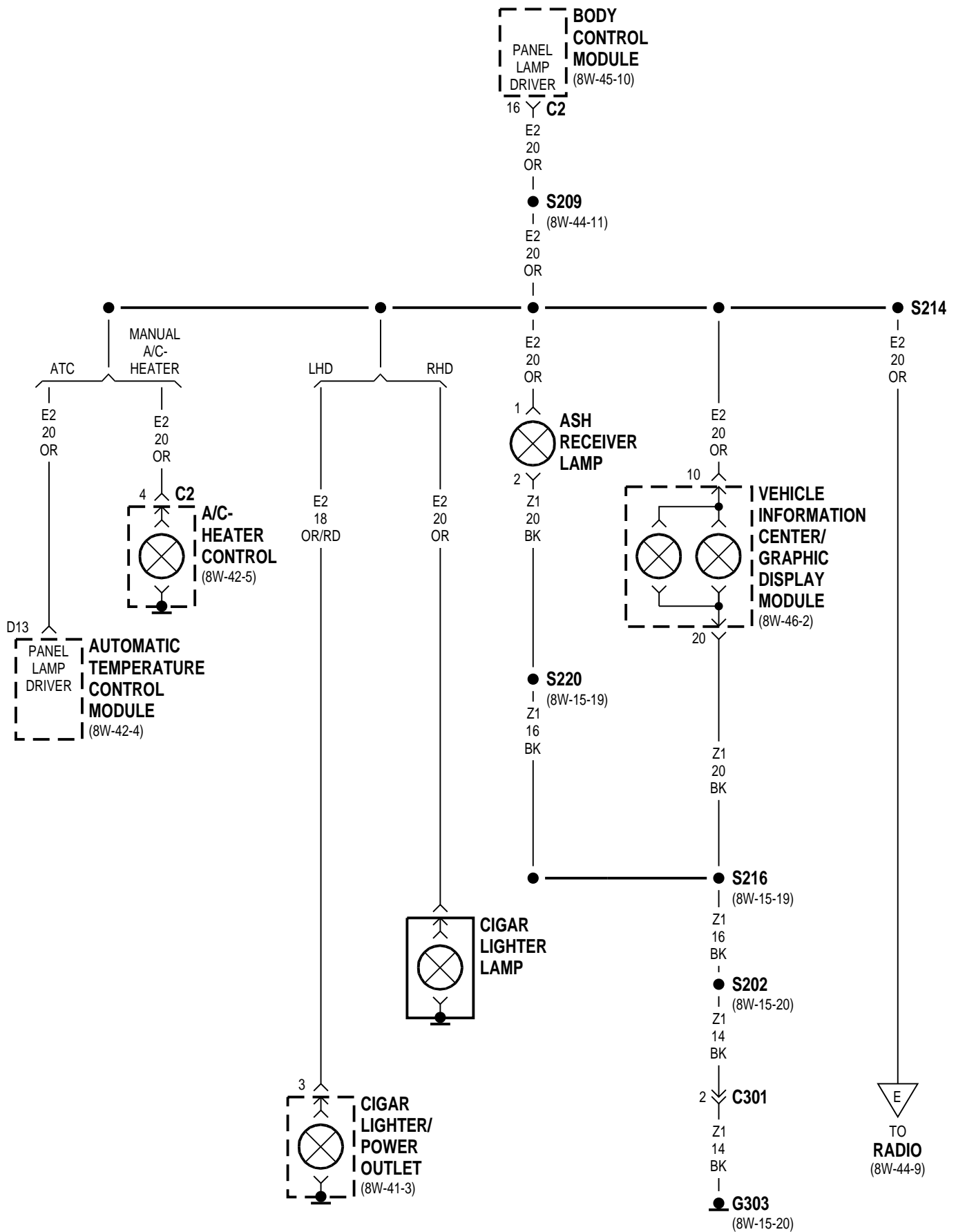


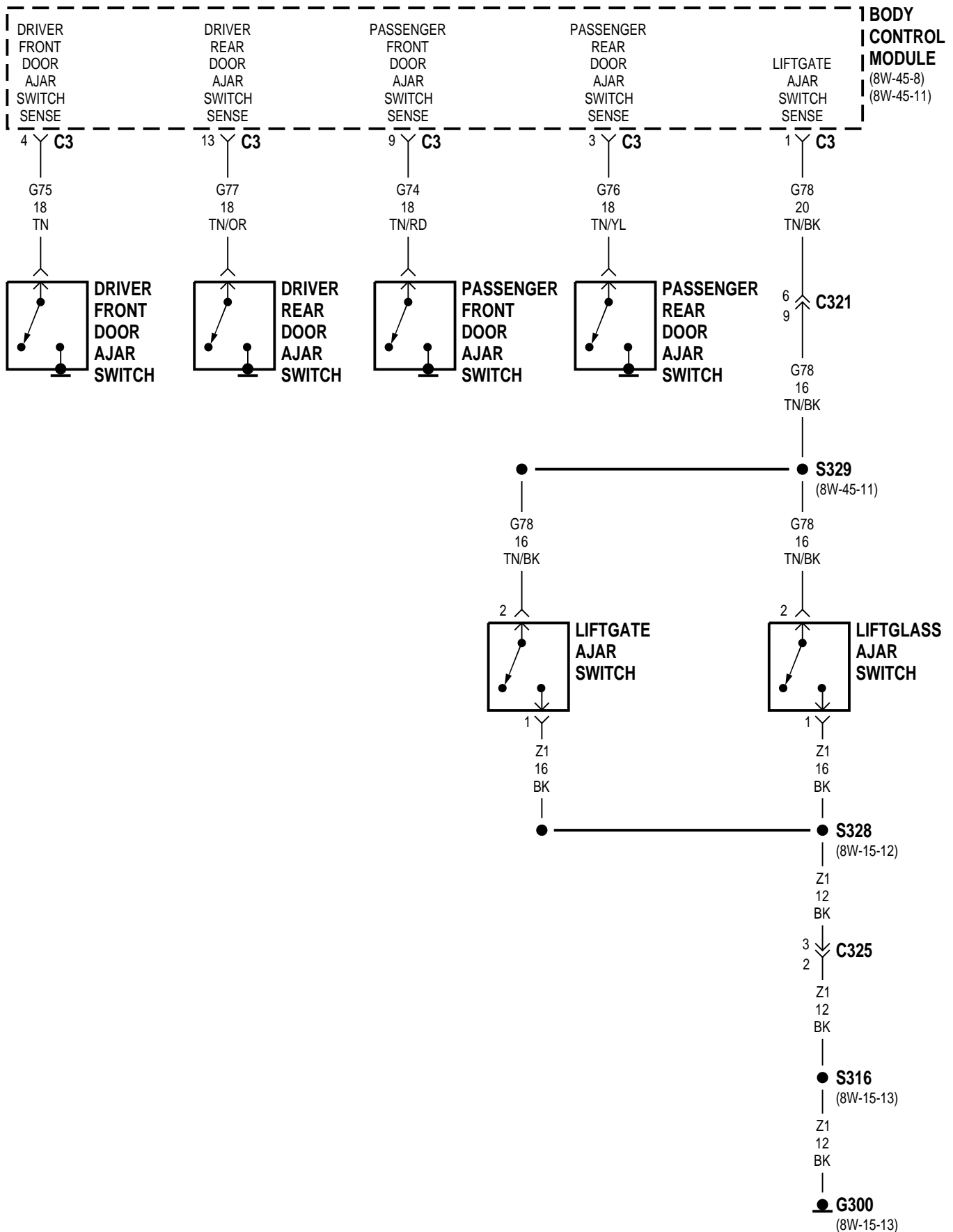








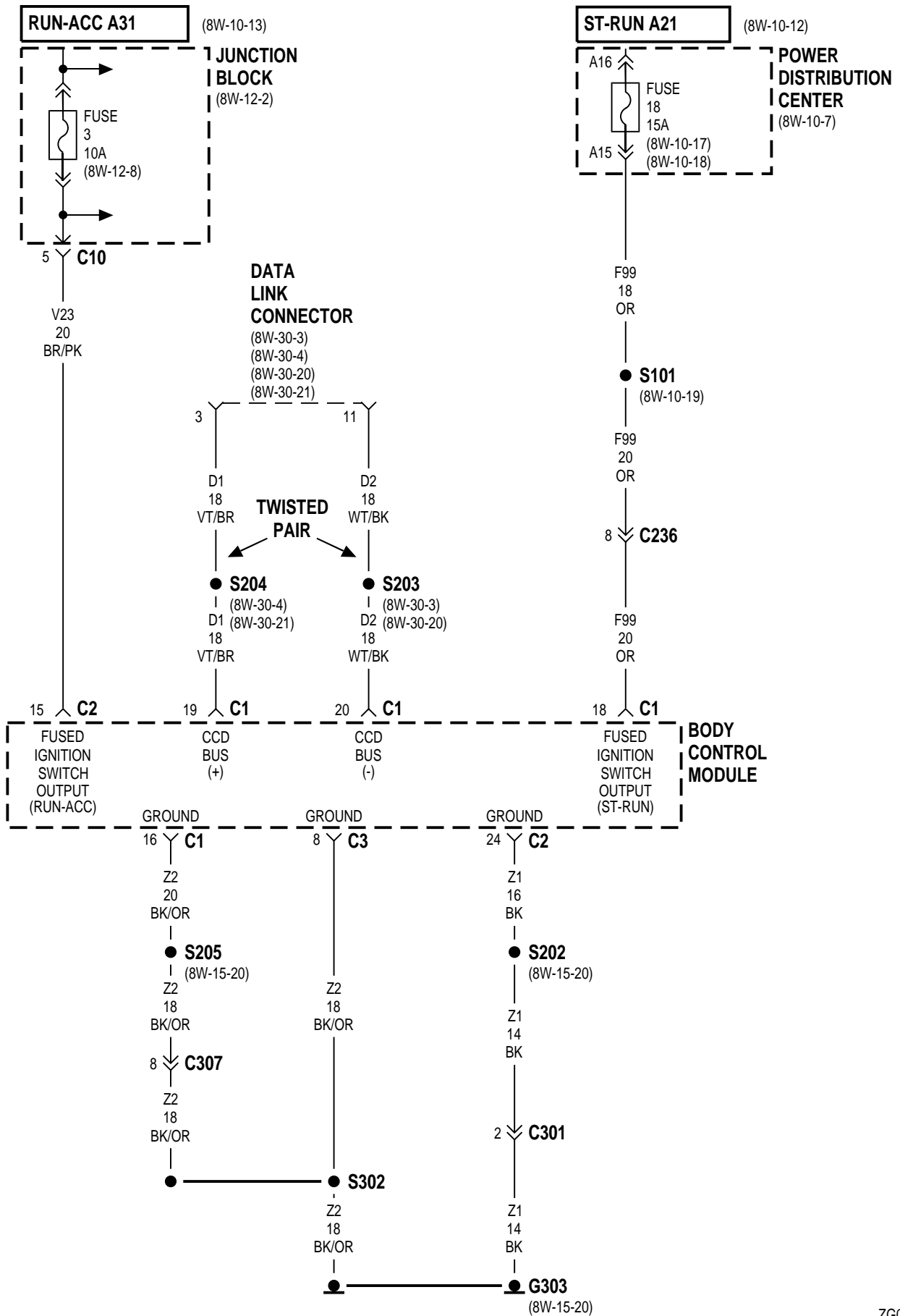


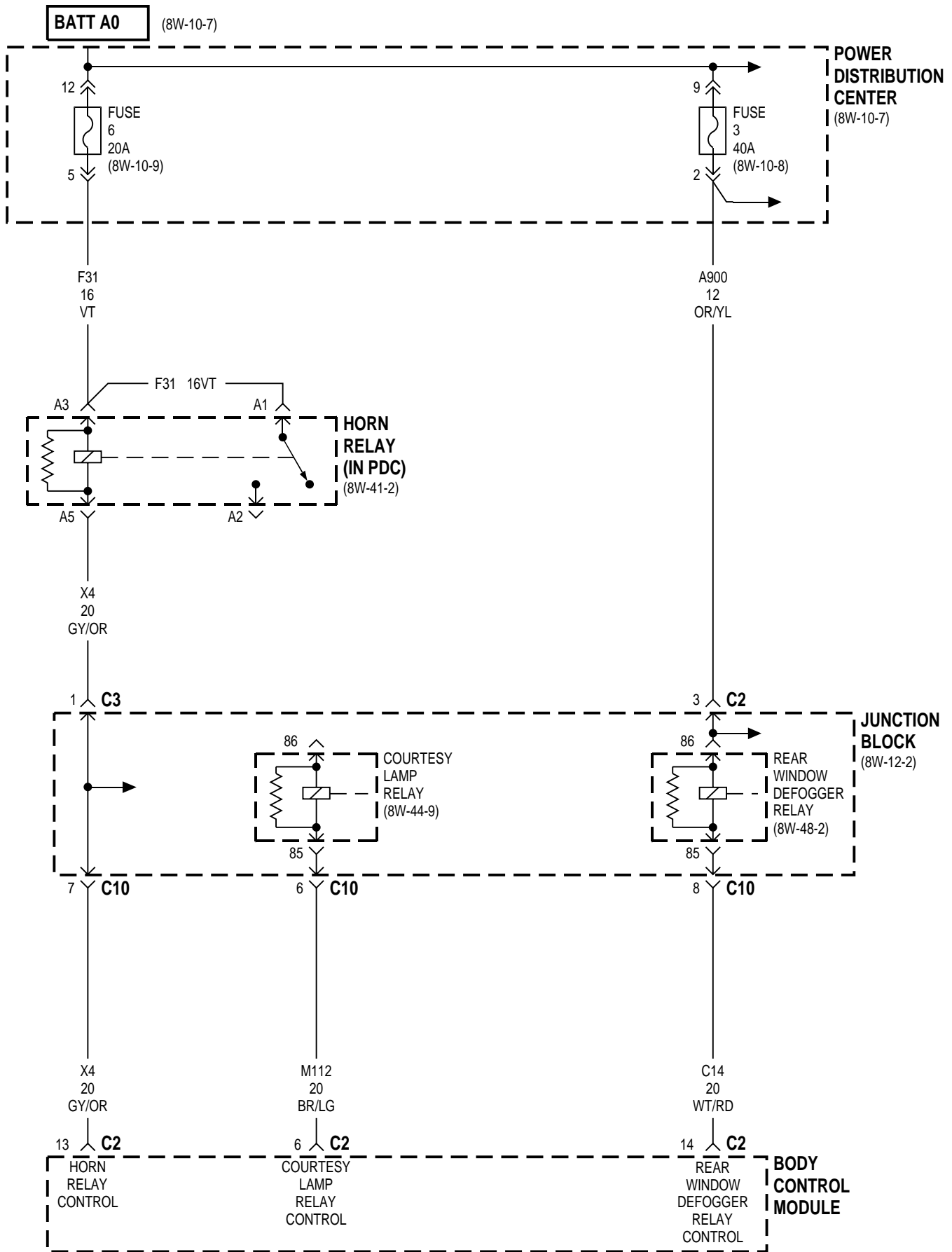


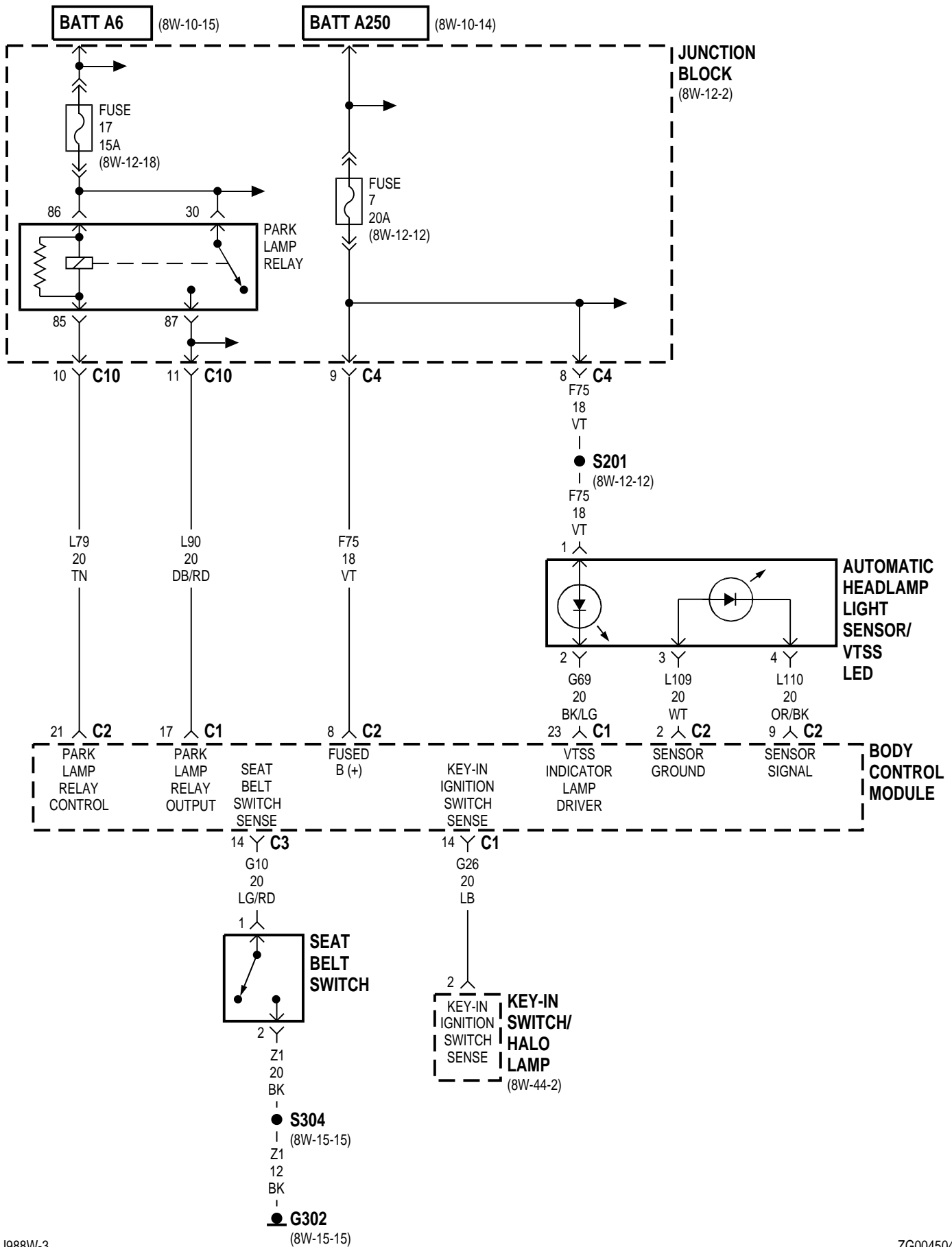


## 8W-45 BODY CONTROL MODULE

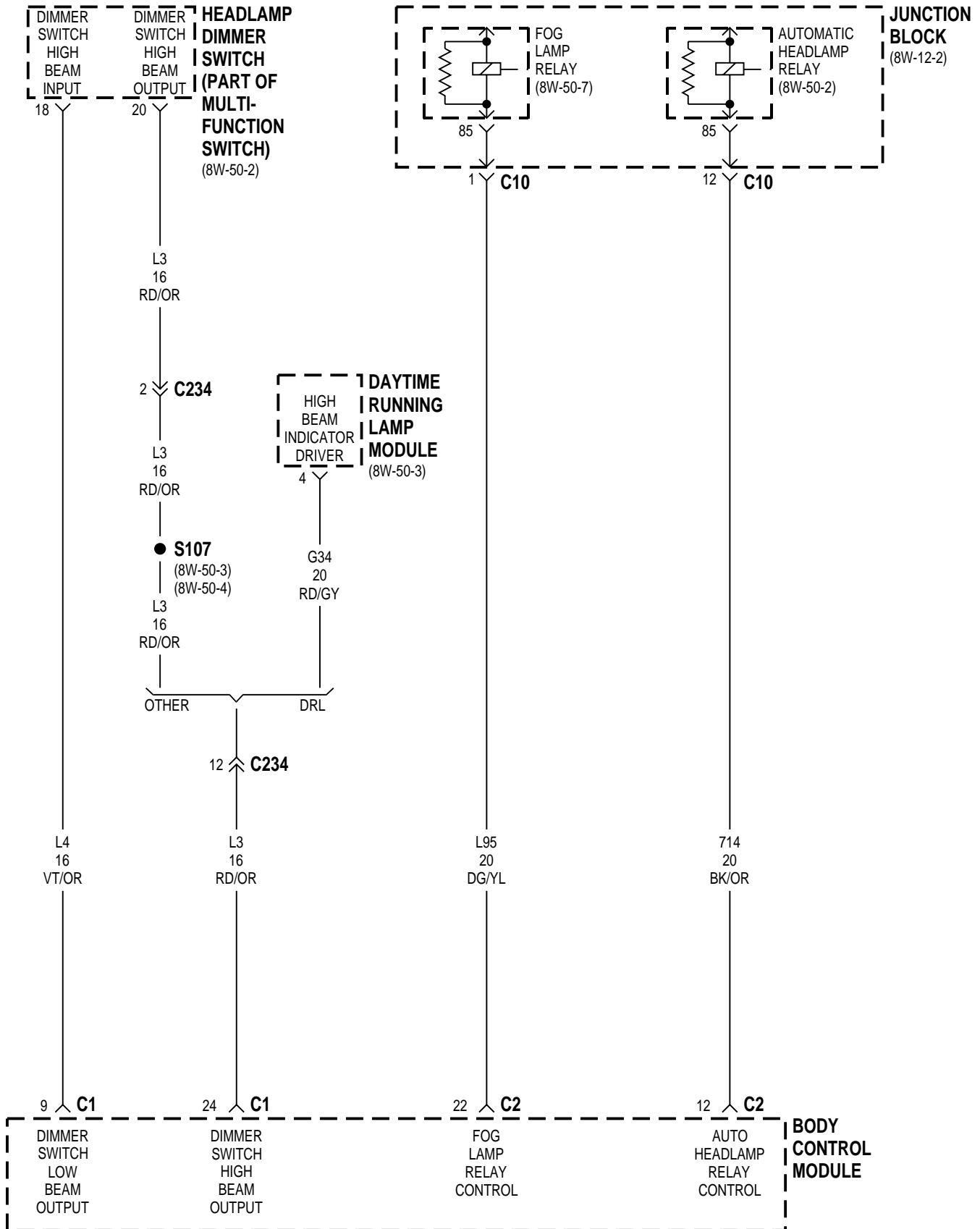
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
A/C Heater Control . . . . .	8W-45-9	G300 . . . . .	8W-45-11
Ambient Temperature Sensor . . . . .	8W-45-9	G302 . . . . .	8W-45-4
Ash Receiver Lamp . . . . .	8W-45-10	G303 . . . . .	8W-45-2, 6
Automatic Headlamp Light Sensor/ Vtss Led . . . . .	8W-45-4	Headlamp Dimmer Switch . . . . .	8W-45-5
Automatic Headlamp Relay . . . . .	8W-45-5	Headlamp Switch . . . . .	8W-45-6
Automatic Temperature Control Module . . . . .	8W-45-9	Hood Switch . . . . .	8W-45-10
Body Control Module . .8W-45-2, 3, 4, 5, 6, 7, 8, 9, 10		Horn Relay . . . . .	8W-45-3
Brake Pressure Switch . . . . .	8W-45-9	Instrument Cluster . . . . .	8W-45-10
Cargo Lamp . . . . .	8W-45-10	Intermittent Wiper Relay . . . . .	8W-45-7
Circuit Breaker 1 . . . . .	8W-45-7	Intermittent Wiper Switch . . . . .	8W-45-7
Clockspring . . . . .	8W-45-7	Junction Block . . . . .	8W-45-2, 3, 4, 5, 7
Courtesy Lamp Relay . . . . .	8W-45-3	Key-In Switch/Halo Lamp . . . . .	8W-45-4
Data Link Connector . . . . .	8W-45-2	Liftgate Ajar Switch . . . . .	8W-45-11
Daytime Running Lamp Module . . . . .	8W-45-5	Liftgate Cylinder Lock Switch . . . . .	8W-45-8
Driver Front Cylinder Lock Switch . . . . .	8W-45-8	Liftglass Ajar Switch . . . . .	8W-45-11
Driver Front Door Ajar Switch . . . . .	8W-45-8	Park Brake Switch . . . . .	8W-45-9
Driver Rear Door Ajar Switch . . . . .	8W-45-8	Park Lamp Relay . . . . .	8W-45-4
Floor Console Lamps . . . . .	8W-45-10	Passenger Front Cylinder Lock Switch . . . . .	8W-45-8
Fog Lamp Relay . . . . .	8W-45-5	Passenger Front Door Ajar Switch . . . . .	8W-45-8
Fog Lamp Switch . . . . .	8W-45-6	Passenger Rear Door Ajar Switch . . . . .	8W-45-8
Fuse 3 (JB) . . . . .	8W-45-2	Power Distribution Center . . . . .	8W-45-2, 3
Fuse 3 (PDC) . . . . .	8W-45-3	Rear Window Defogger Relay . . . . .	8W-45-3
Fuse 6 (PDC) . . . . .	8W-45-3	Rear Window Defogger Switch . . . . .	8W-45-9
Fuse 7 (JB) . . . . .	8W-45-4	Rear Wiper Module . . . . .	8W-45-11
Fuse 17 (JB) . . . . .	8W-45-4	Seat Belt Switch . . . . .	8W-45-4
Fuse 18 (PDC) . . . . .	8W-45-2	Switch Pod . . . . .	8W-45-10

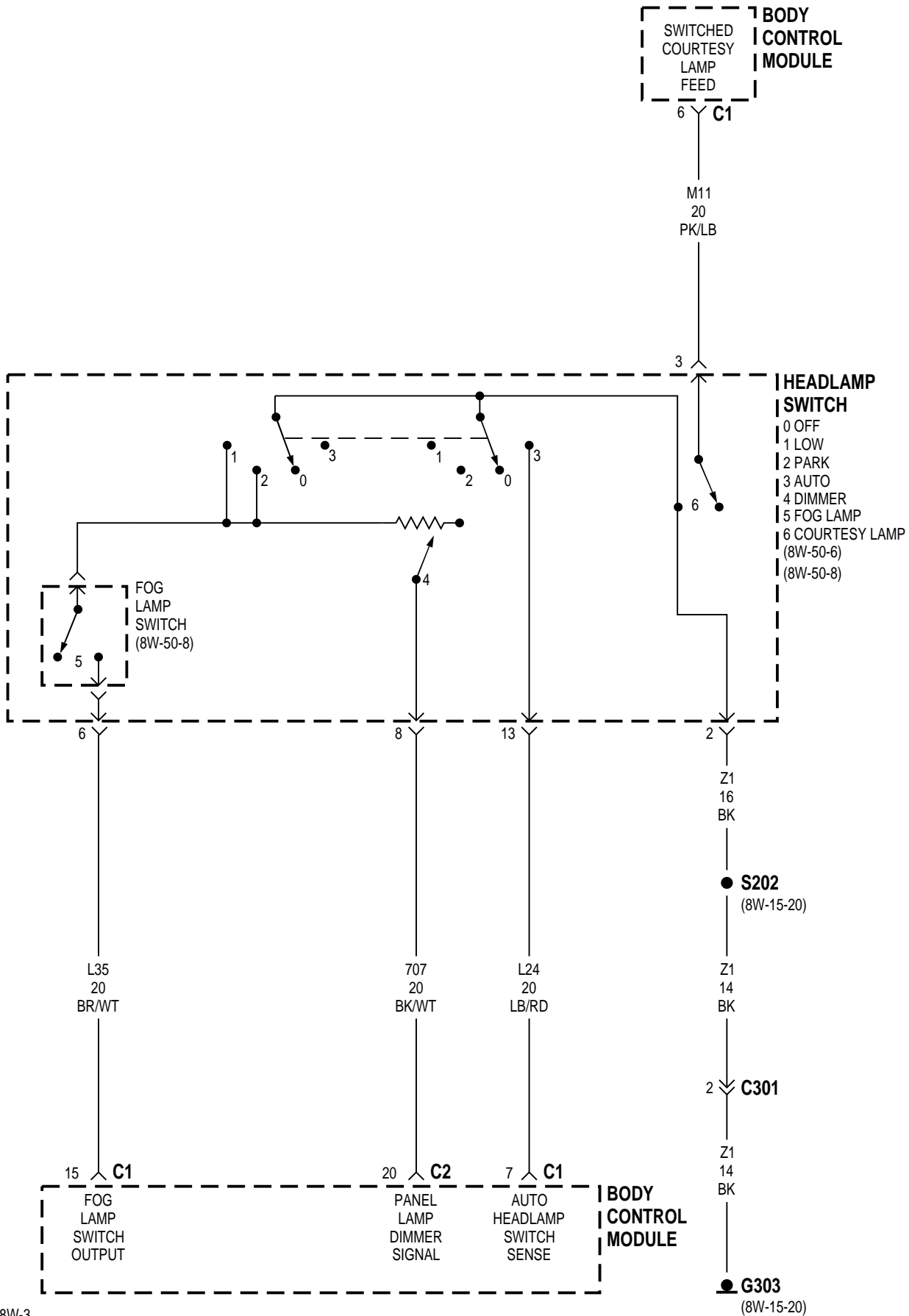


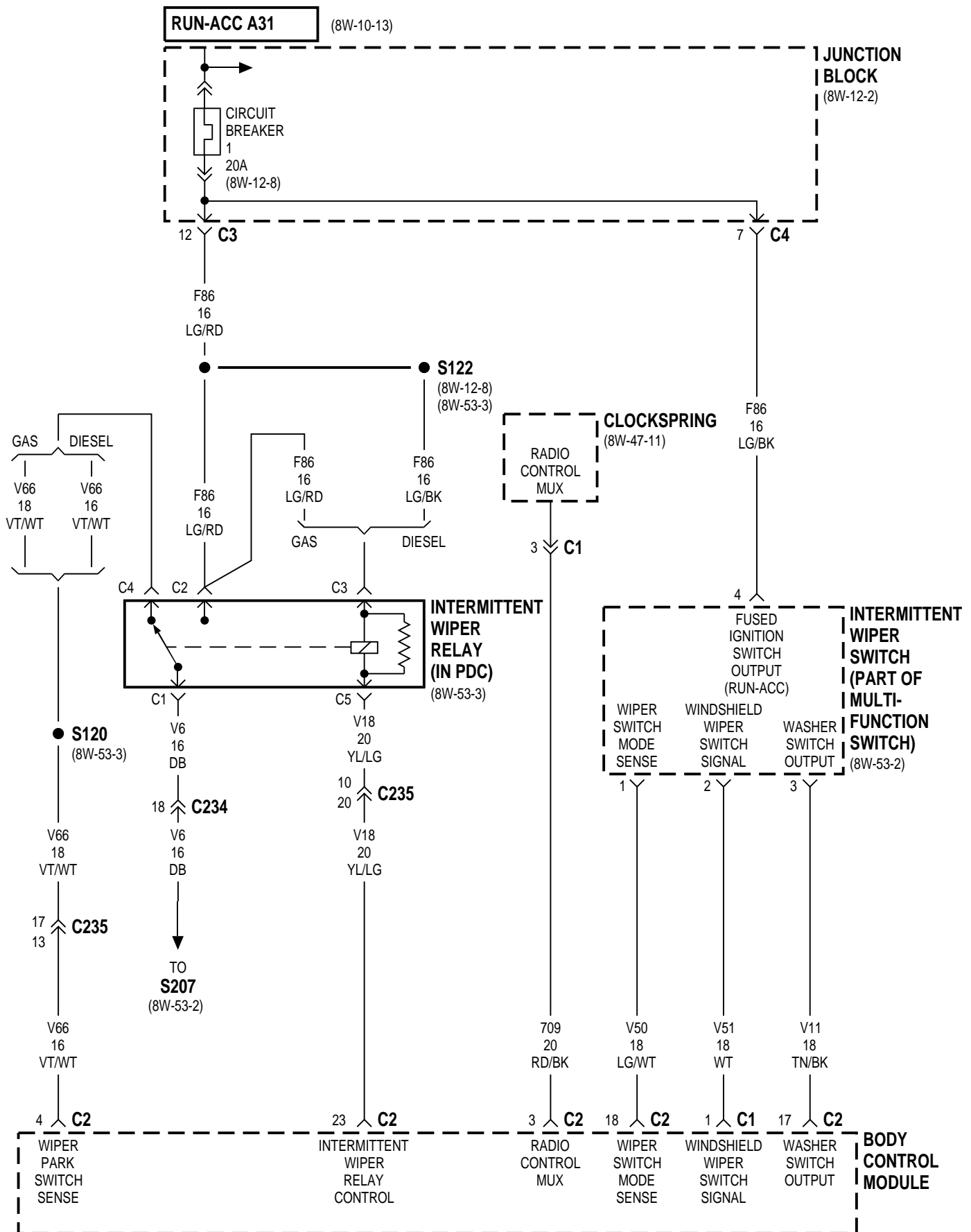


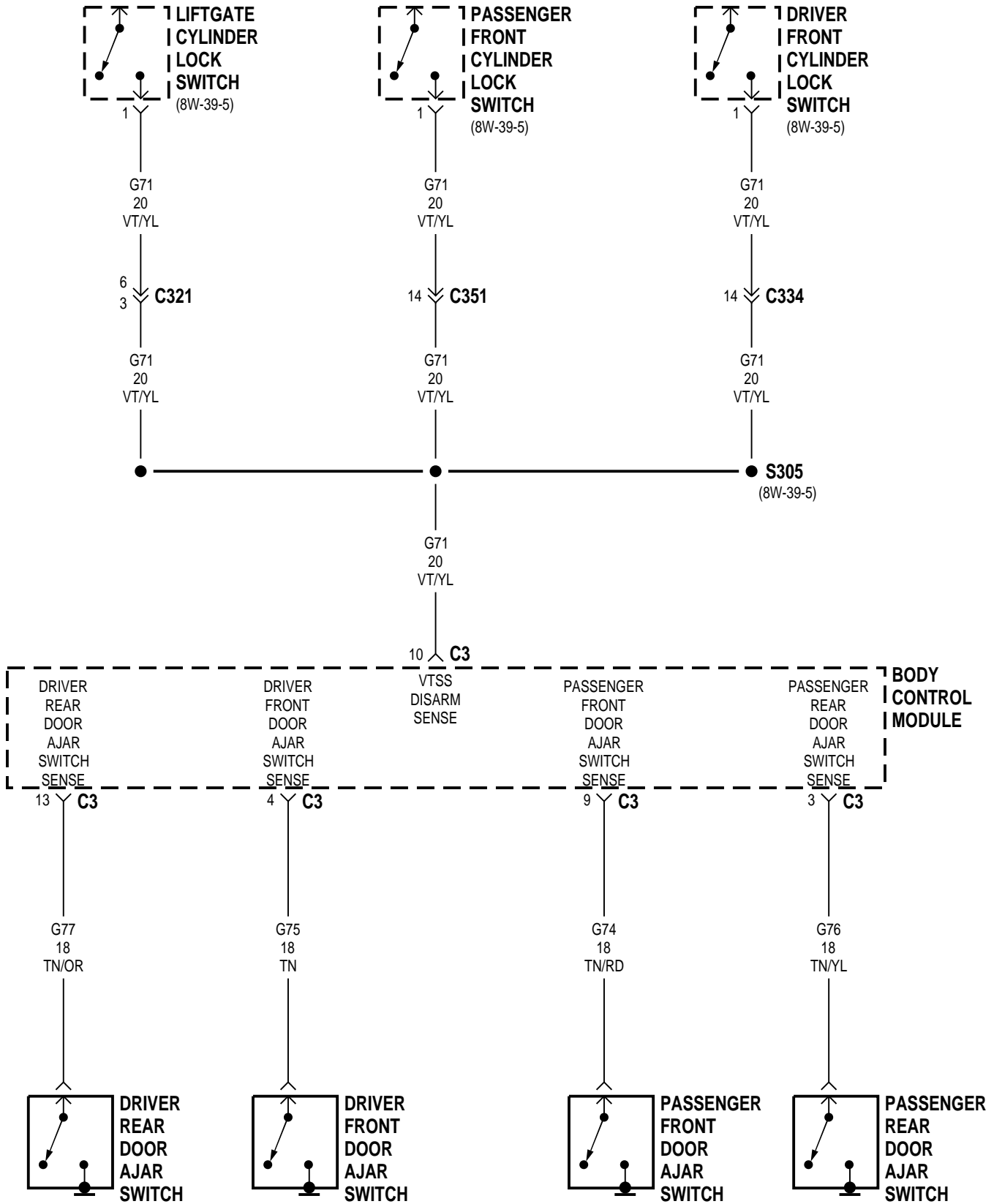


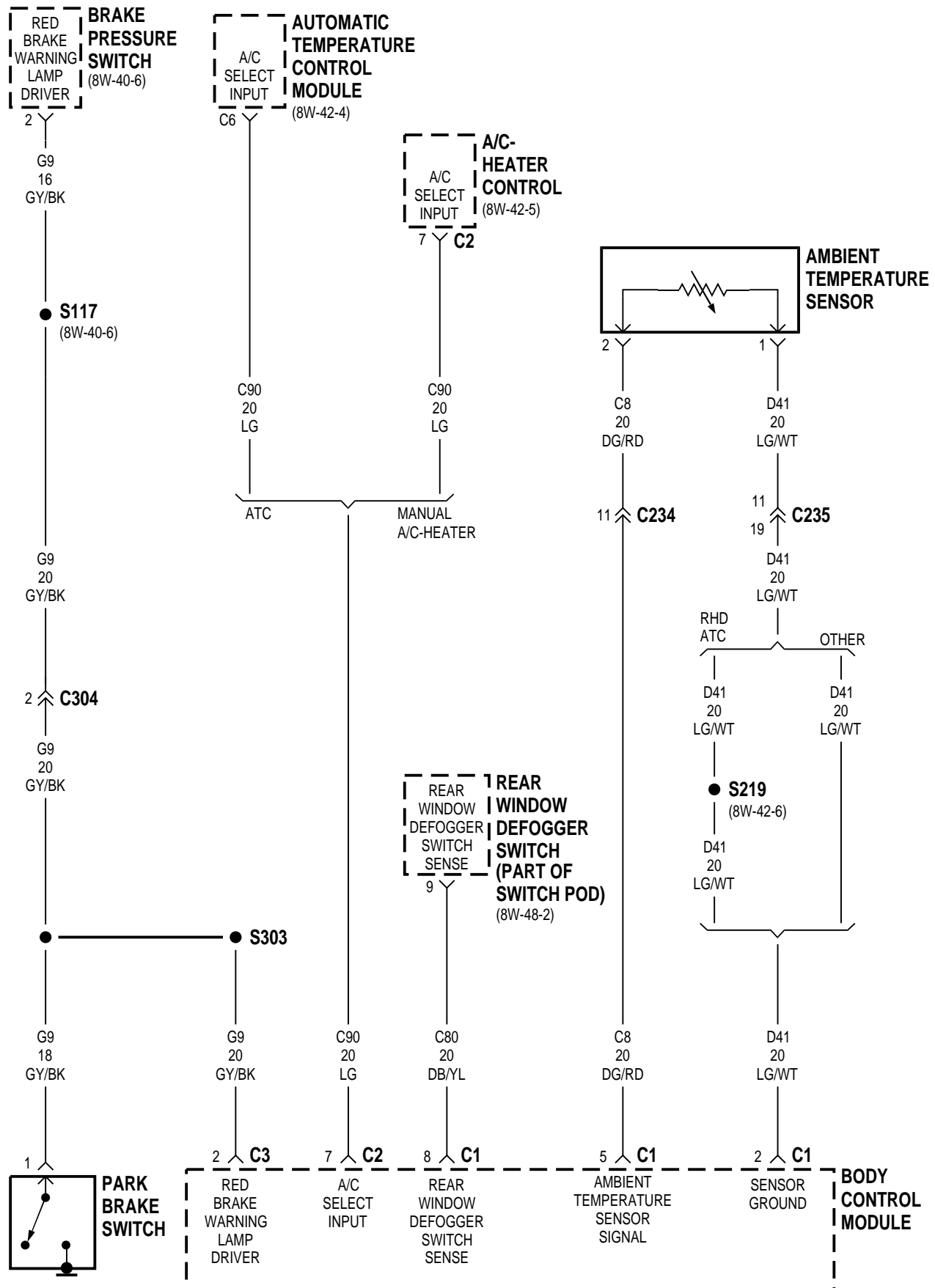


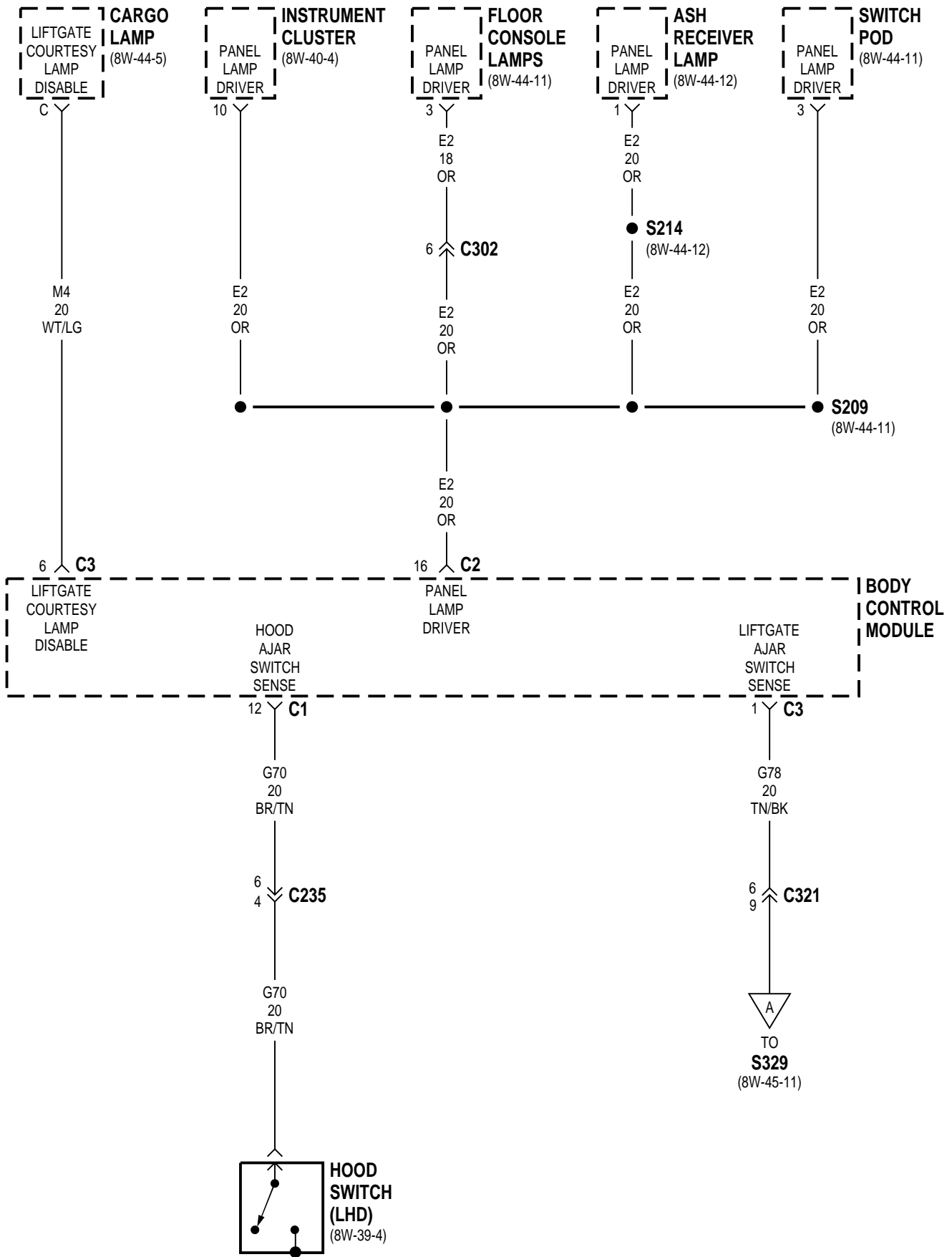


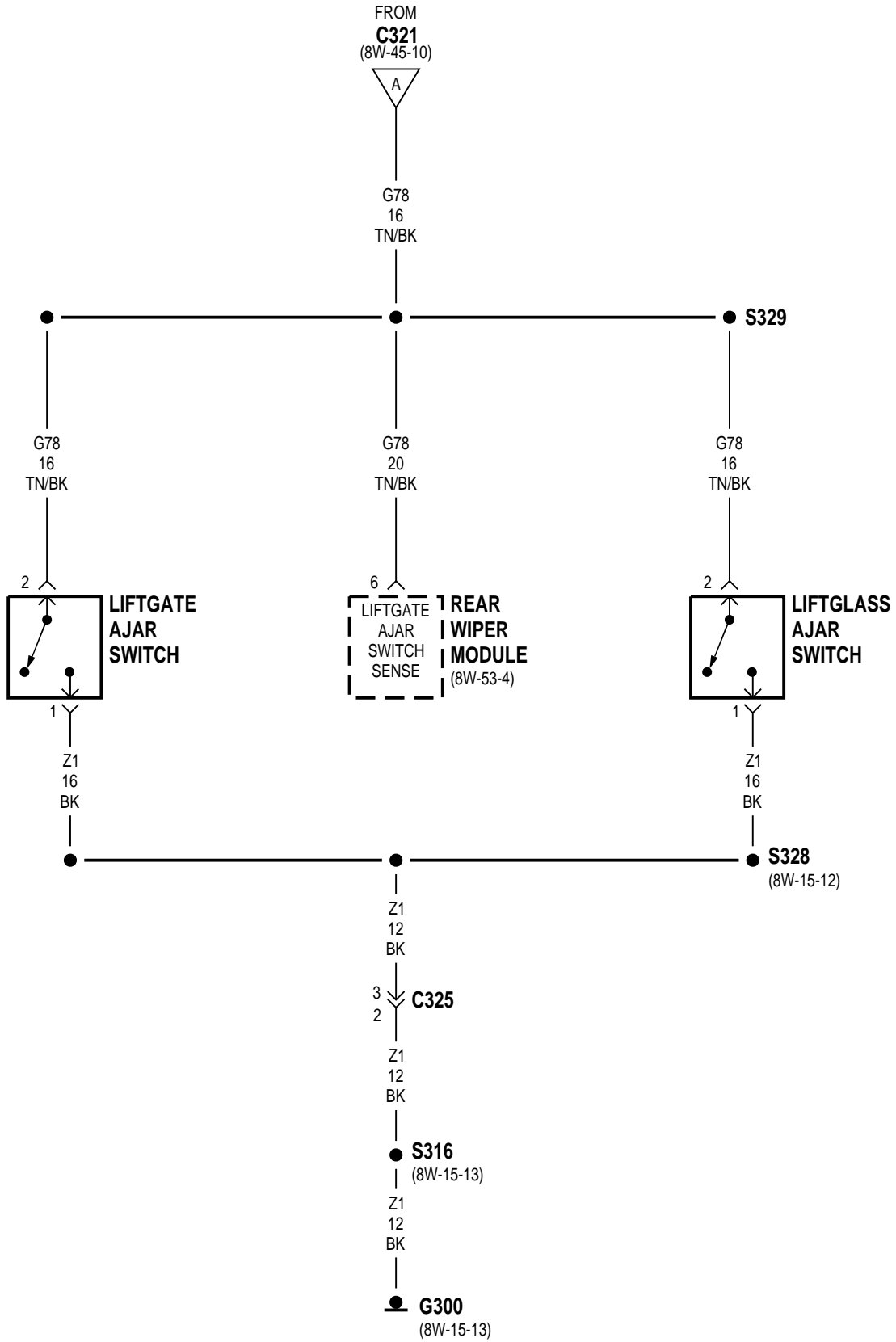










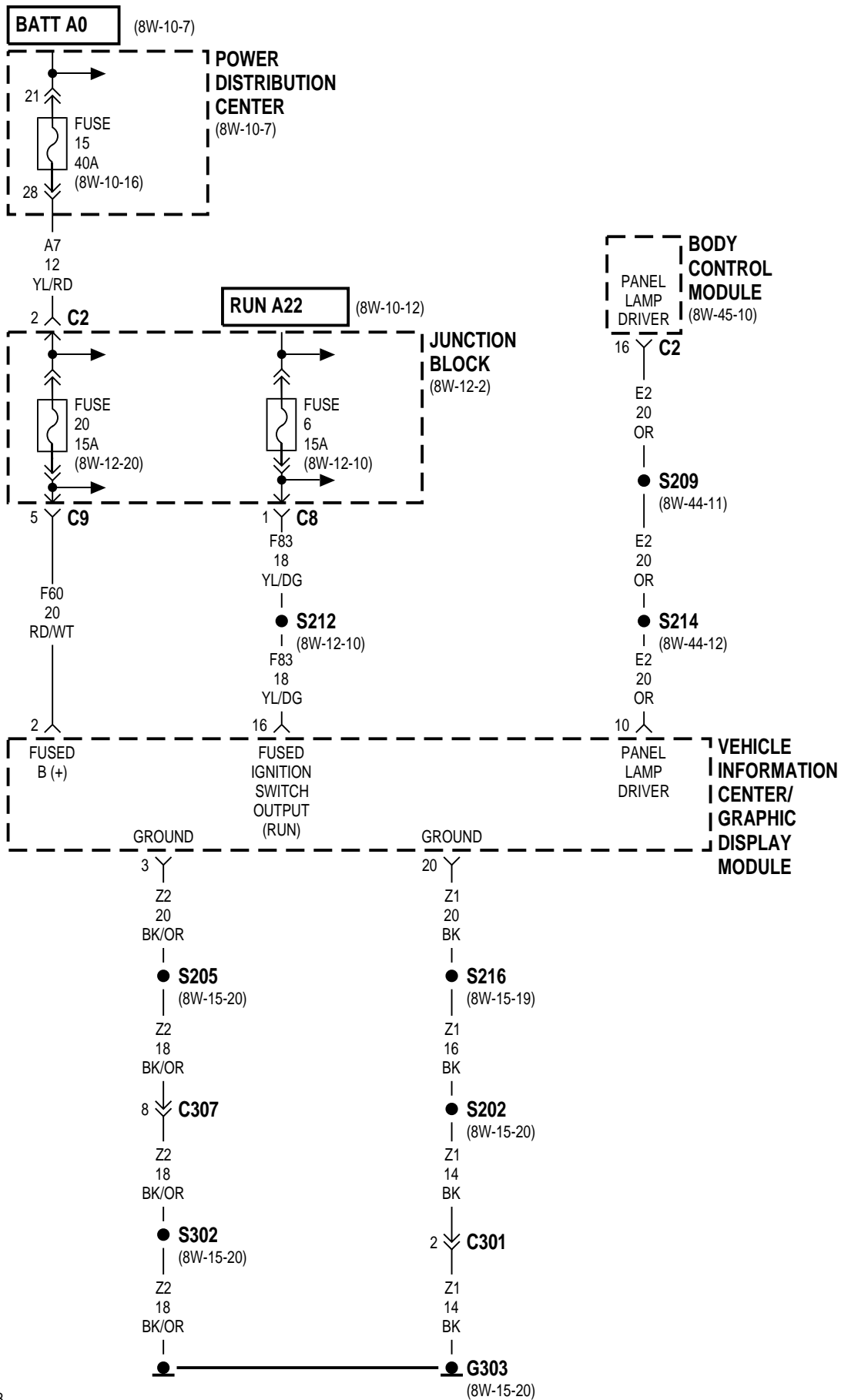


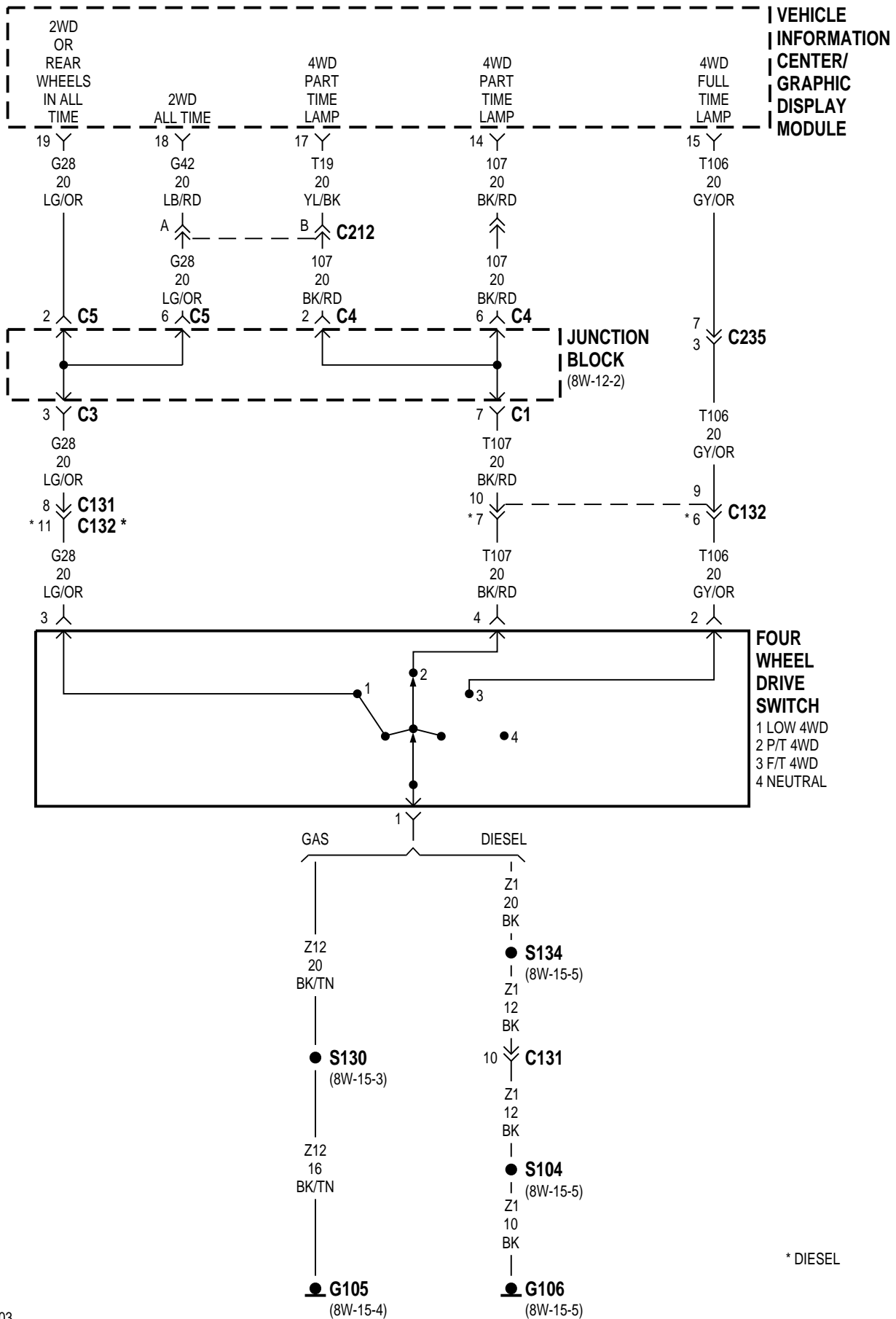


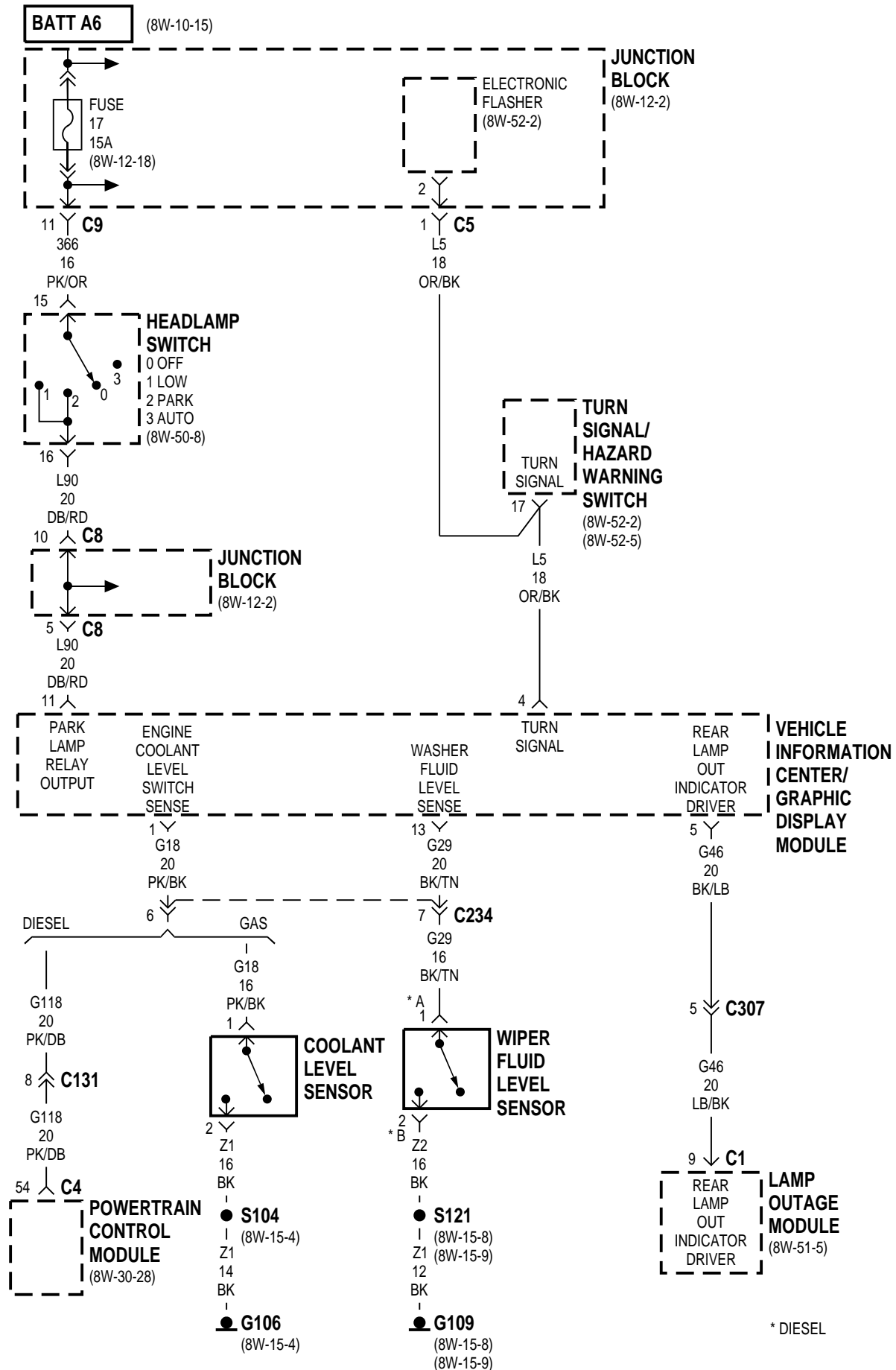


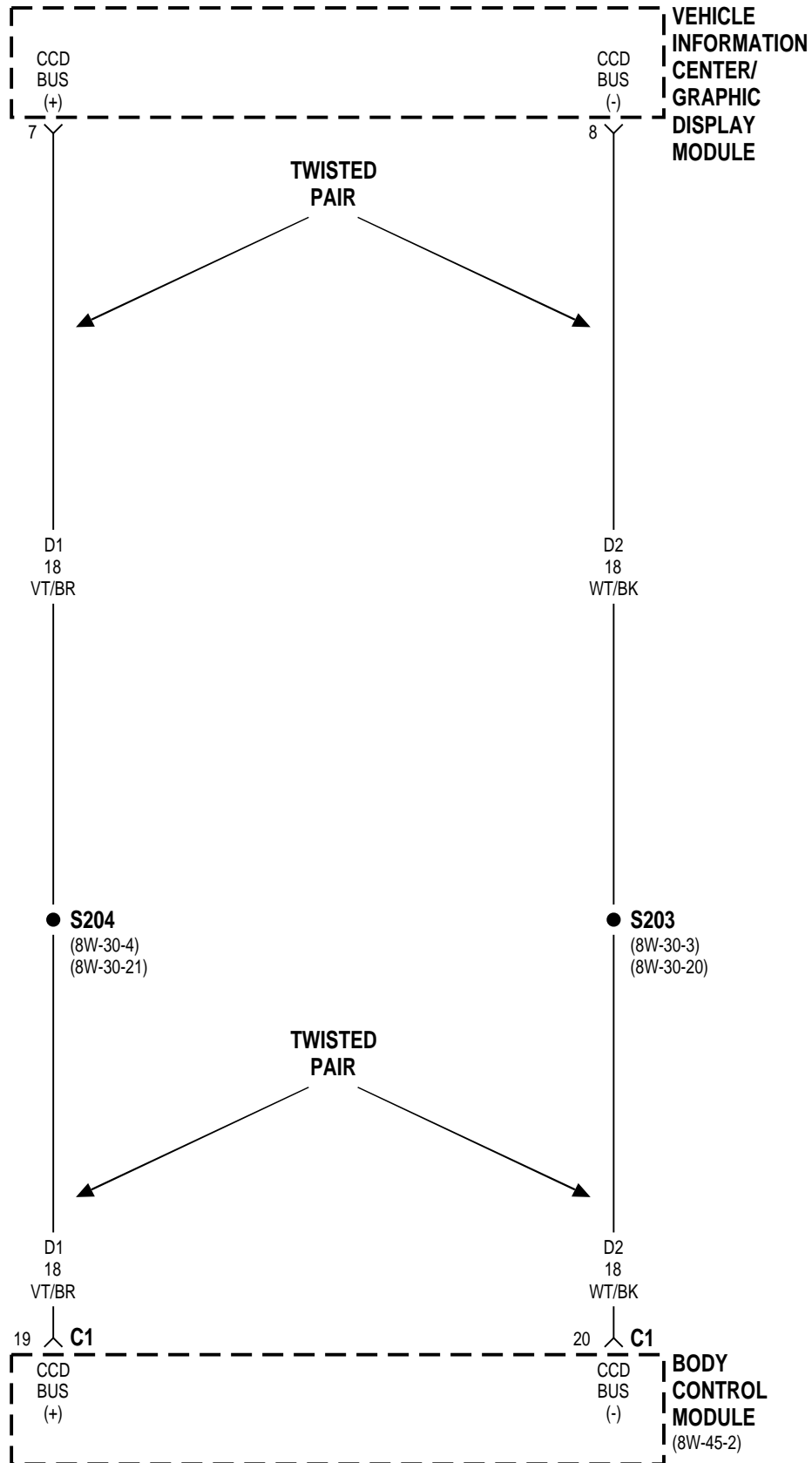
## 8W-46 MESSAGE CENTER

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Body Control Module . . . . .	8W-46-2, 5	G118 . . . . .	8W-46-4
Coolant Level Sensor . . . . .	8W-46-4	G303 . . . . .	8W-46-2
Electronic Flasher . . . . .	8W-46-4	Headlamp Switch . . . . .	8W-46-4
Four Wheel Drive Switch . . . . .	8W-46-3	Junction Block . . . . .	8W-46-2, 3, 4
Fuse 6 (JB) . . . . .	8W-46-2	Lamp Outage Module . . . . .	8W-46-4
Fuse 15 (PDC) . . . . .	8W-46-2	Power Distribution Center . . . . .	8W-46-2
Fuse 17 (JB) . . . . .	8W-46-4	Powertrain Control Module . . . . .	8W-46-4
Fuse 20 (JB) . . . . .	8W-46-2	Turn Signal/Hazard Warning Switch . . . . .	8W-46-4
G105 . . . . .	8W-46-3	Vehicle Information Center/ Graphic Display Module . . . . .	8W-46-2, 3, 4, 5
G106 . . . . .	8W-46-3, 4	Wiper Fluid Level Sensor . . . . .	8W-46-4
G109 . . . . .	8W-46-4		





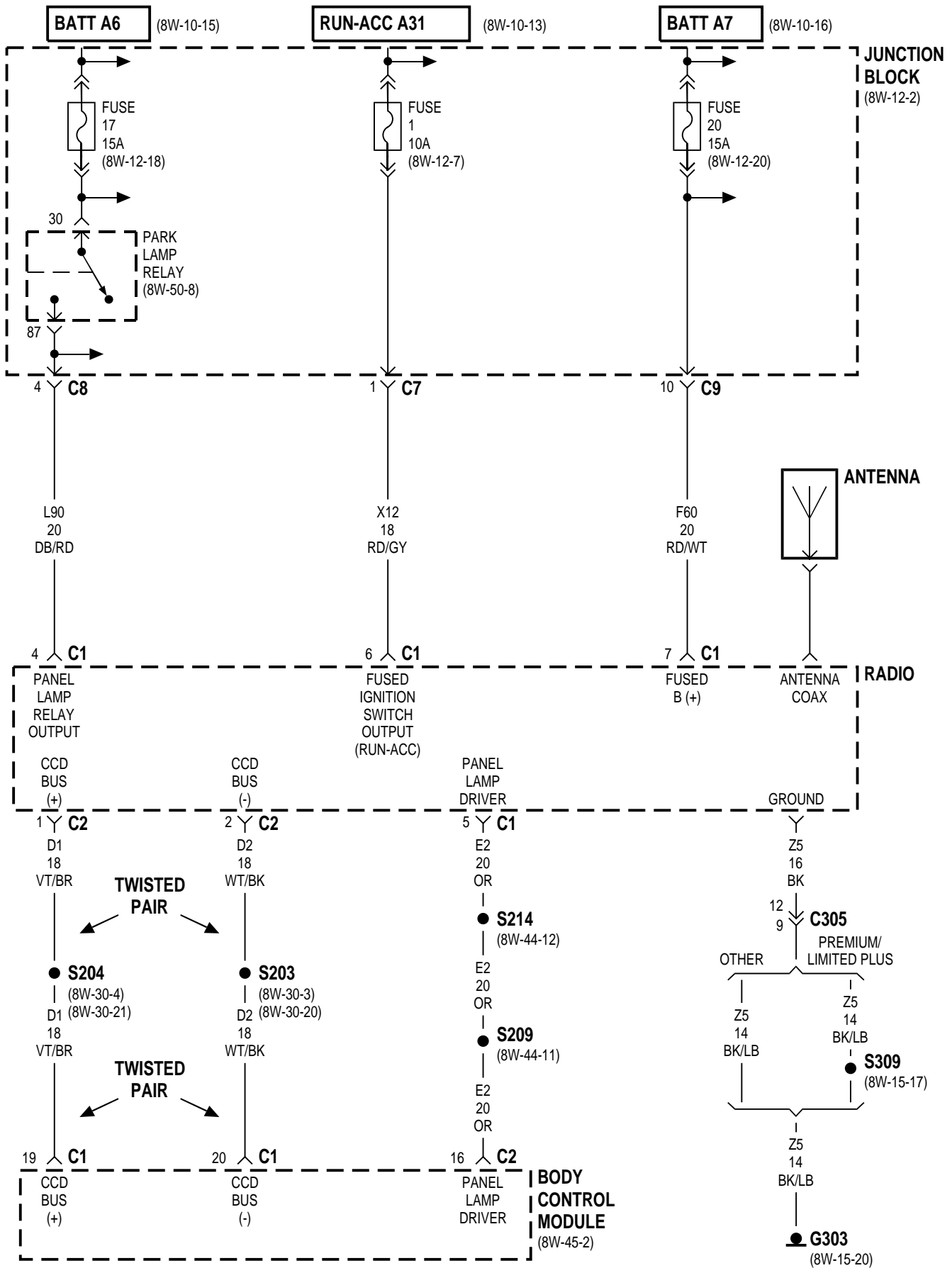




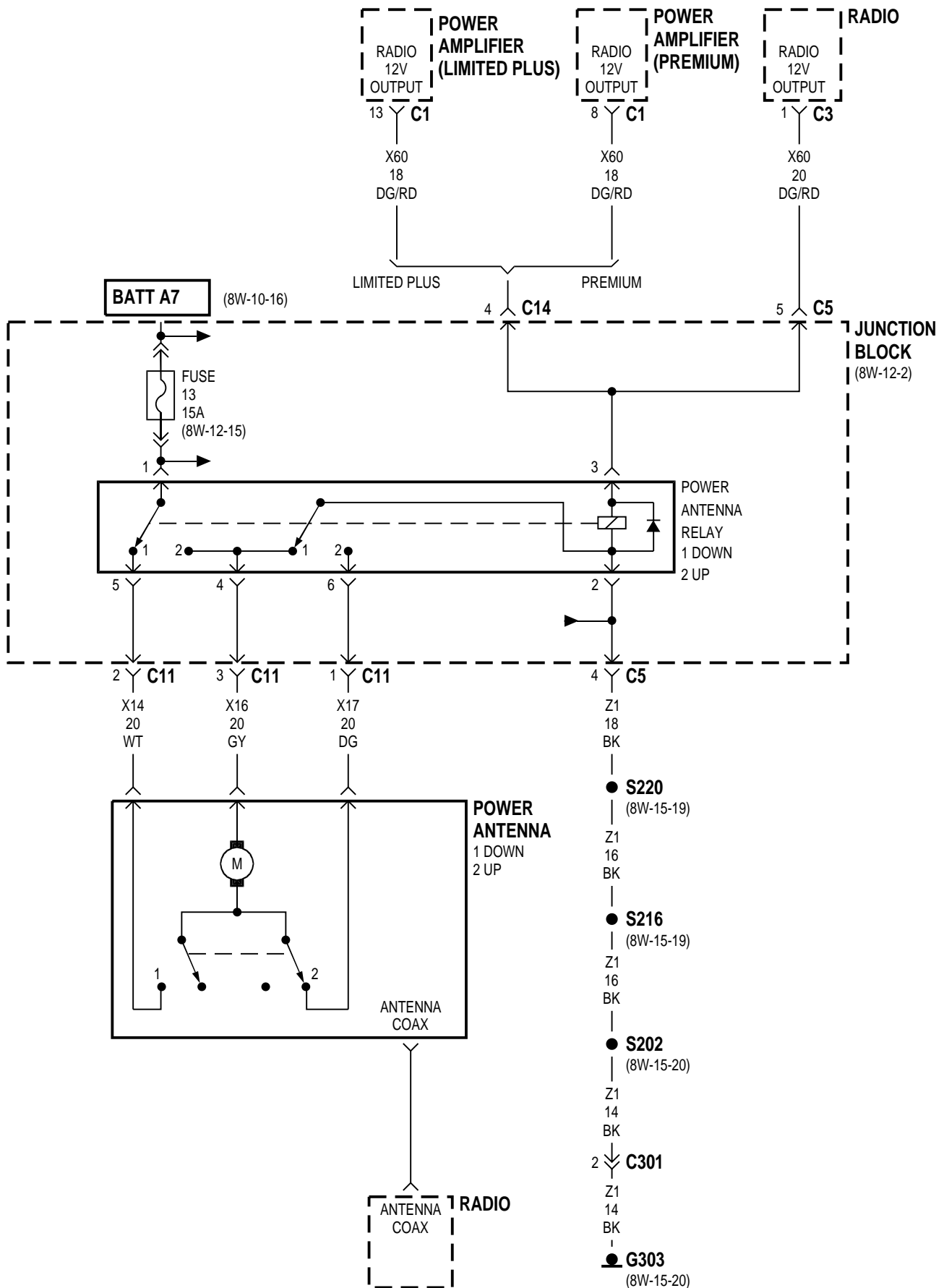


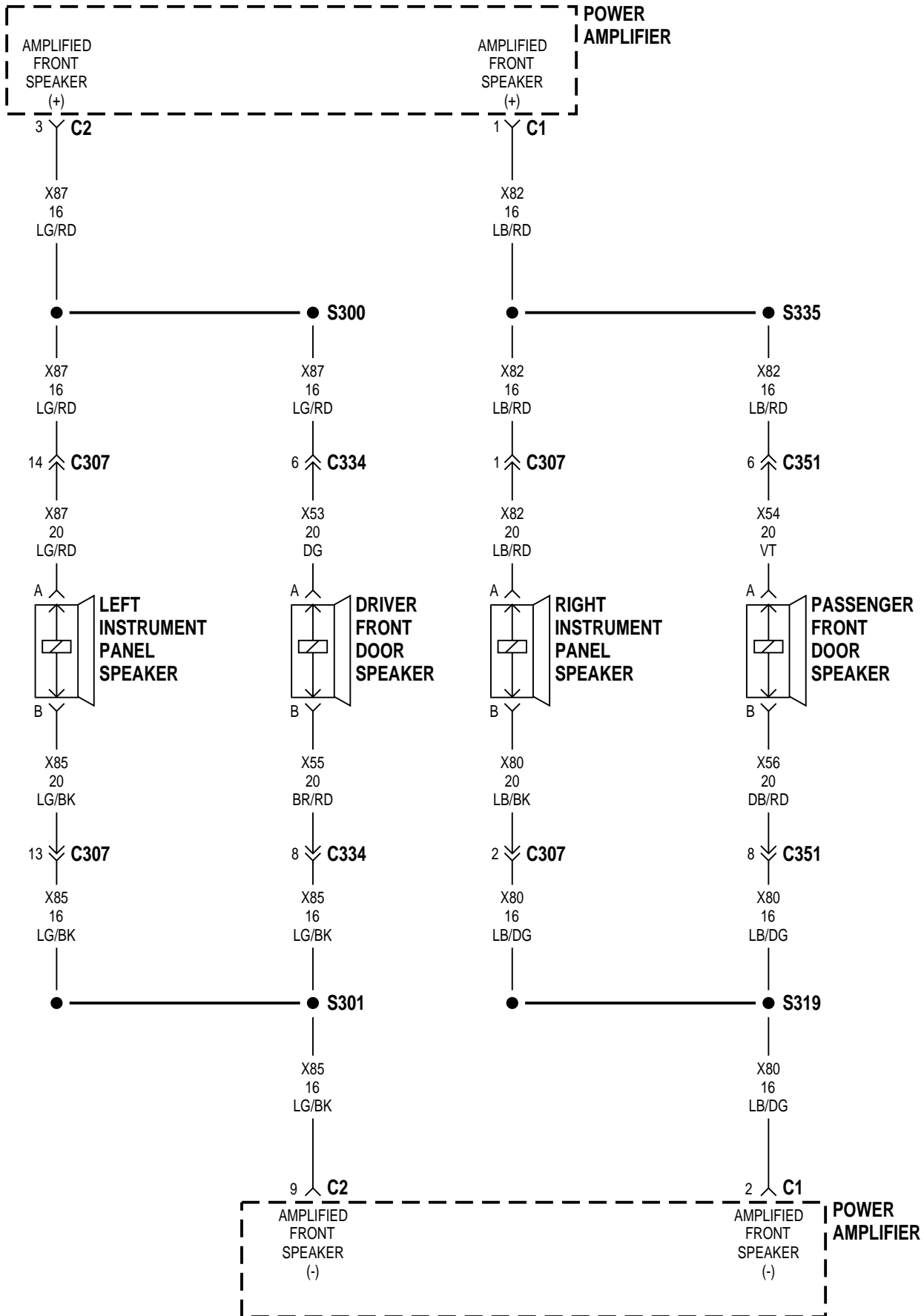
## 8W-47 AUDIO SYSTEM

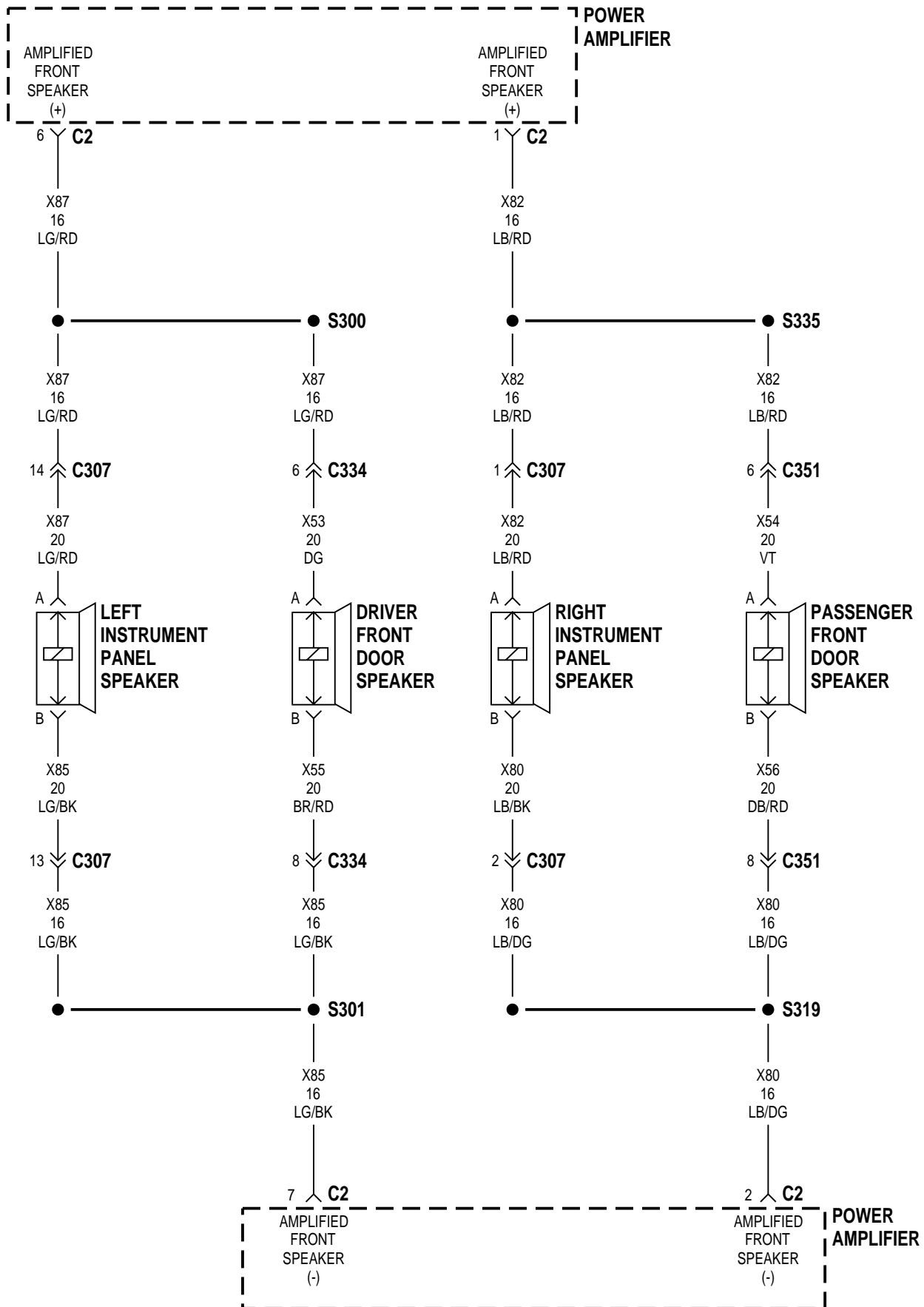
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Antenna . . . . .	.8W-47-2	Left Instrument Panel Speaker . . . . .	.8W-47-4, 5
Body Control Module . . . . .	.8W-47-2, 11	Park Lamp Relay . . . . .	.8W-47-2
Clockspring . . . . .	.8W-47-11	Passenger Front Door Speaker . . . . .	.8W-47-4, 5, 7
Driver Front Door Speaker . . . . .	.8W-47-4, 5, 7	Passenger Rear Door Speaker . . . . .	.8W-47-6, 7, 10
Driver Rear Door Speaker . . . . .	.8W-47-6, 7, 10	Power Amplifier . . . . .	.8W-47-3, 4, 5, 6, 7, 8, 9, 10
Fuse 1 (JB) . . . . .	.8W-47-2	Power Antenna . . . . .	.8W-47-3
Fuse 7 (JB) . . . . .	.8W-47-8, 9	Power Antenna Relay . . . . .	.8W-47-3
Fuse 13 (JB) . . . . .	.8W-47-3	Radio . . . . .	.8W-47-2, 3, 7, 8, 9
Fuse 17 (JB) . . . . .	.8W-47-2	Rear Speaker . . . . .	.8W-47-10
Fuse 20 (JB) . . . . .	.8W-47-2	Remote Radio Switch No. 1 . . . . .	.8W-47-11
G303 . . . . .	.8W-47-2, 3, 8, 9, 11	Remote Radio Switch No. 2 . . . . .	.8W-47-11
Junction Block . . . . .	.8W-47-2, 3, 8, 9	Right Instrument Panel Speaker . . . . .	.8W-47-4, 5

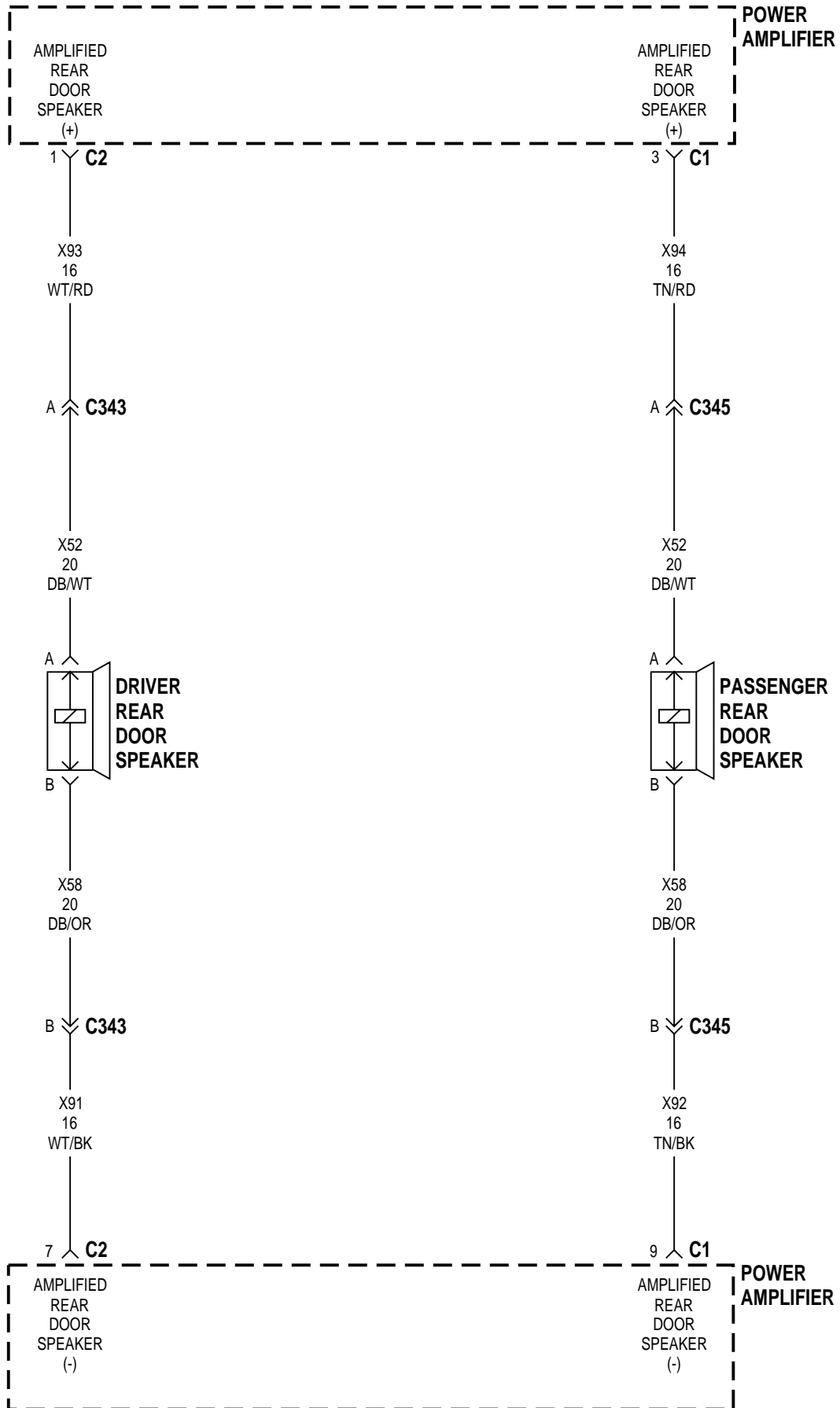


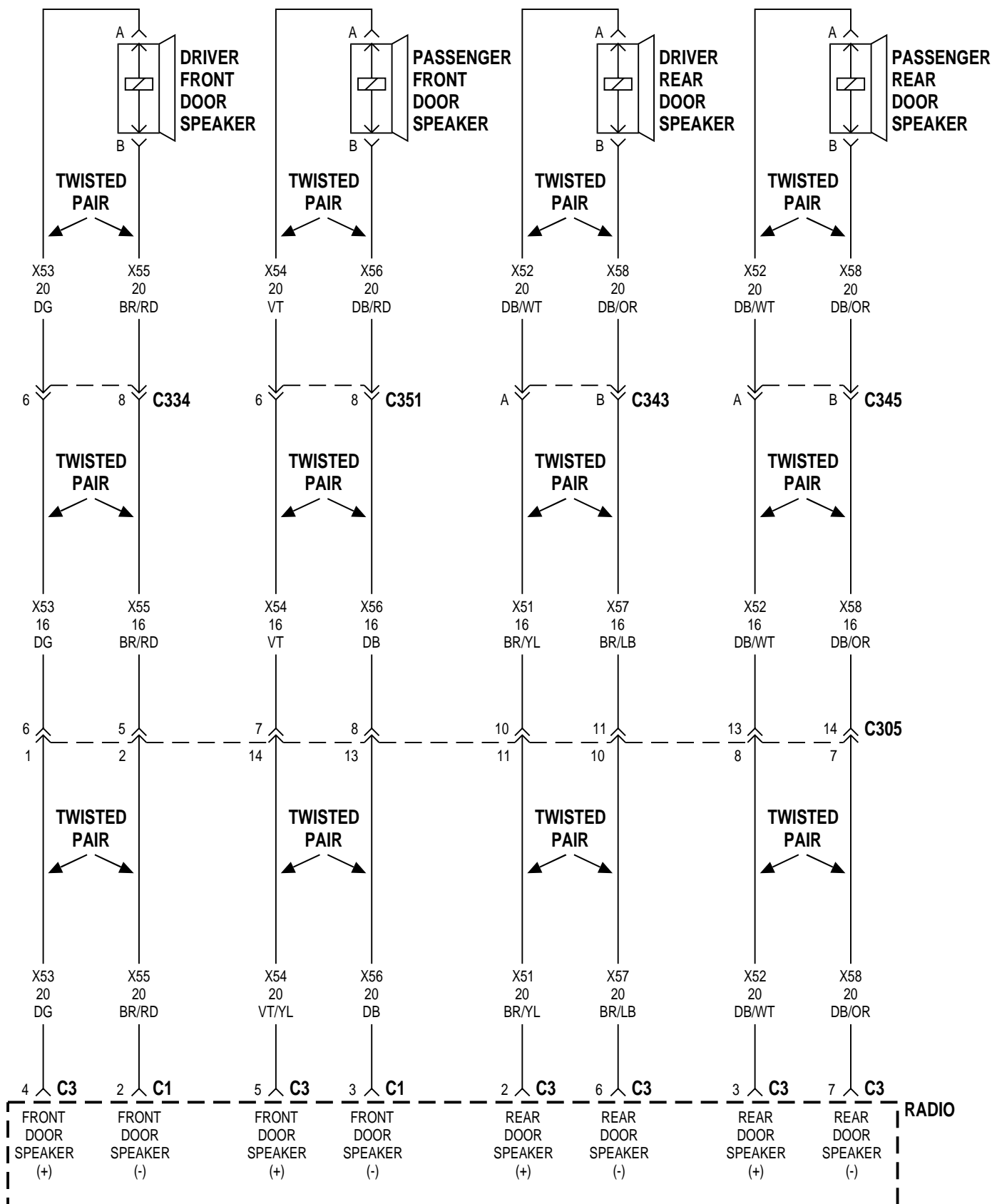


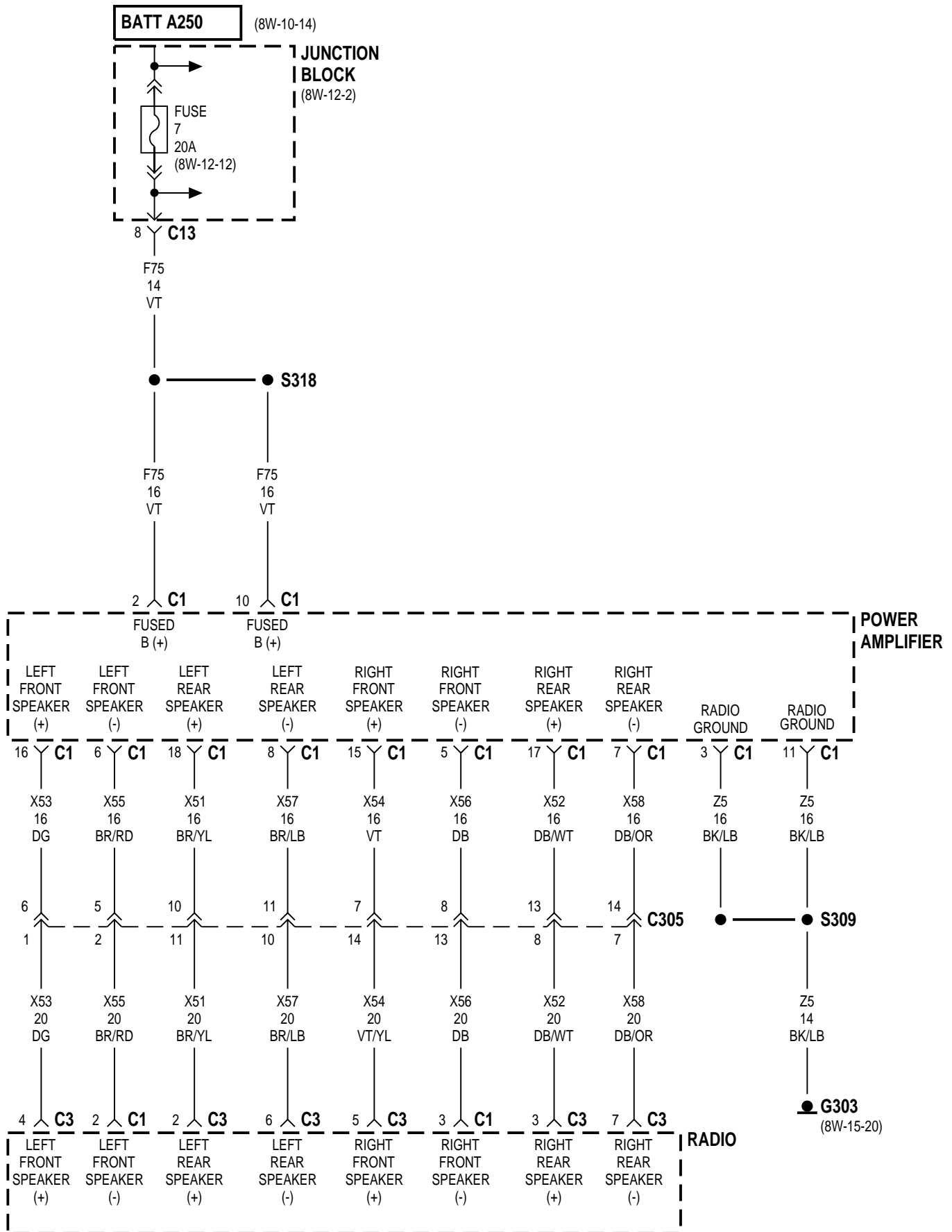


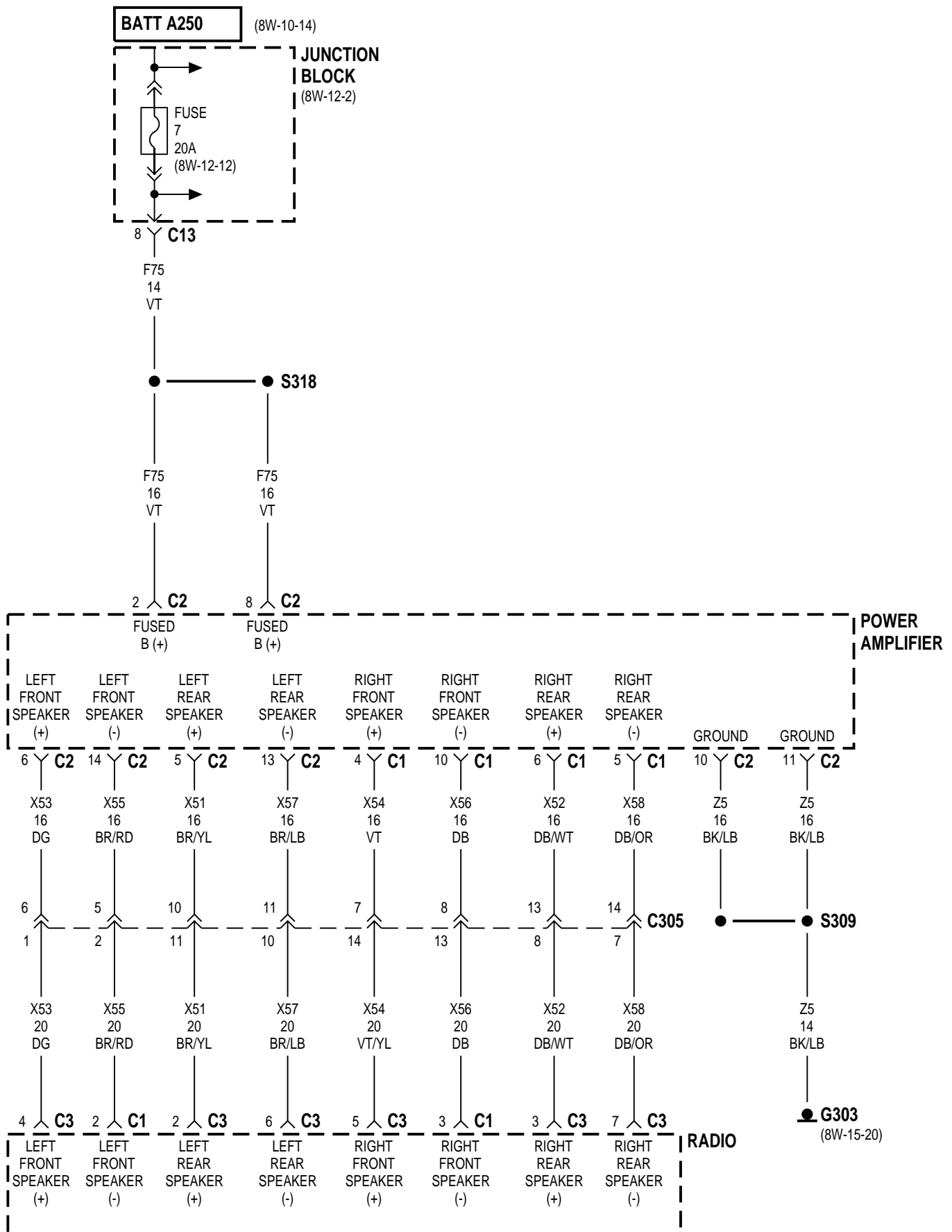


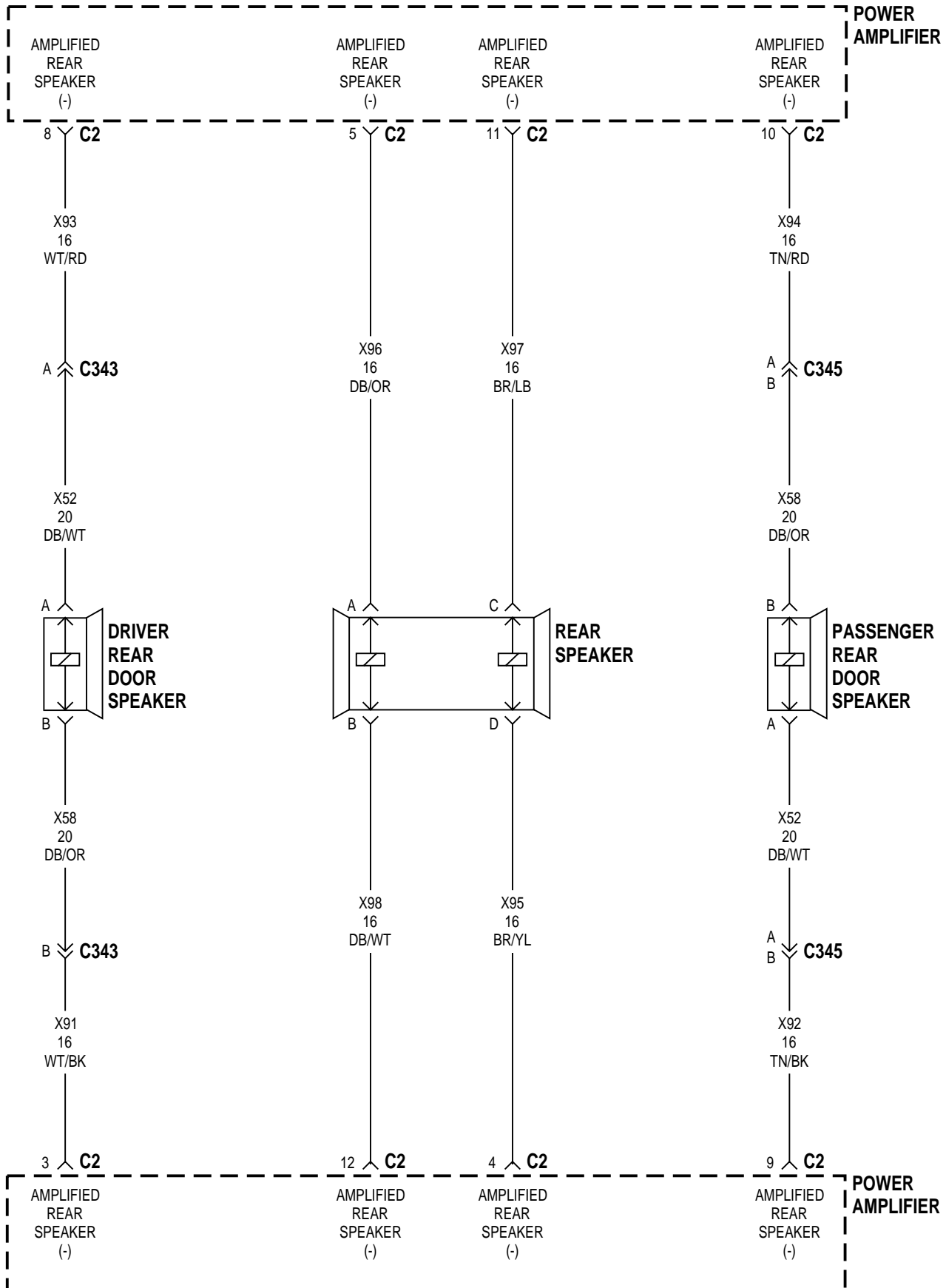












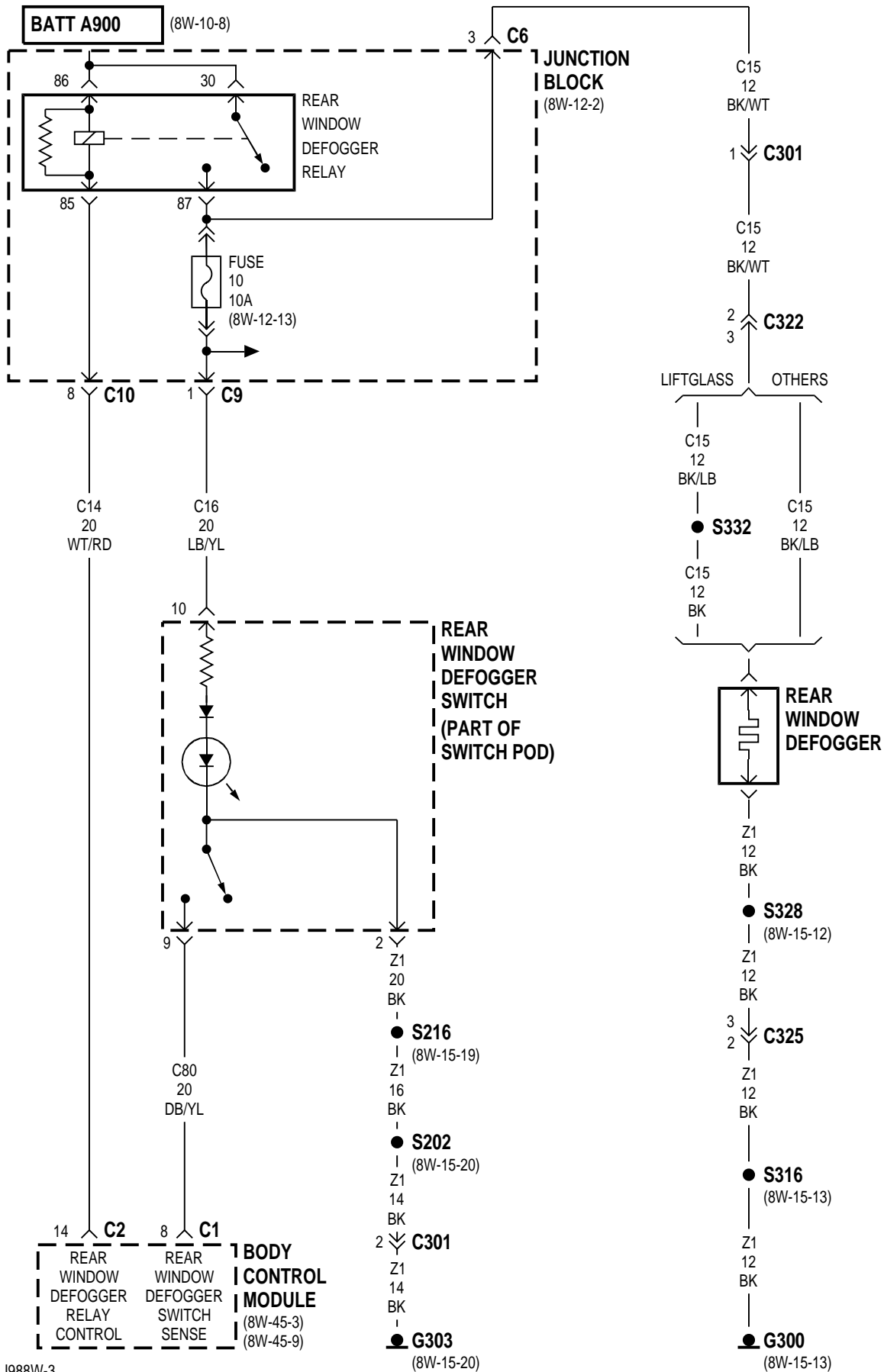






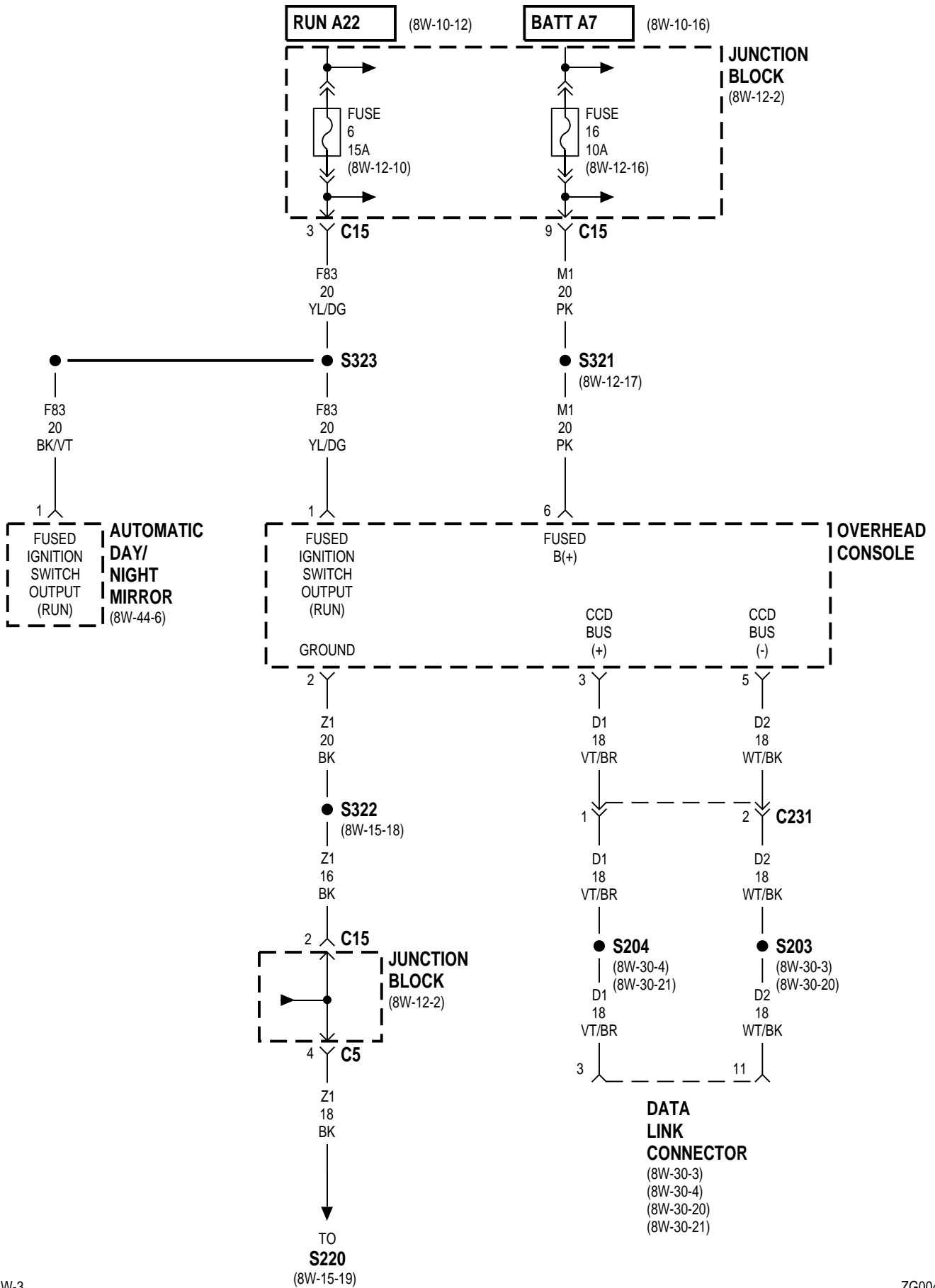
## 8W-48 REAR WINDOW DEFOGGER

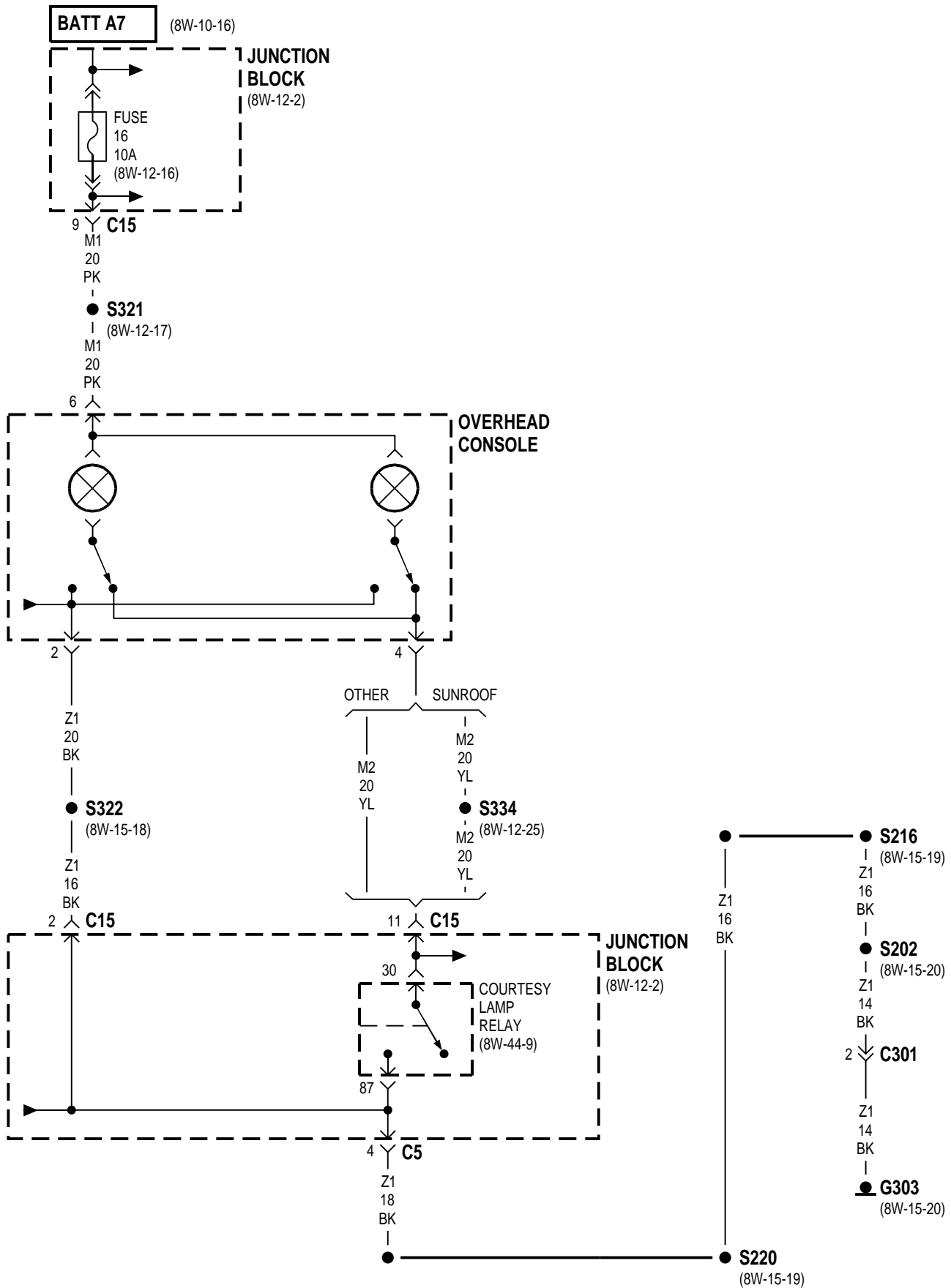
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Body Control Module . . . . .	8W-48-2	Junction Block . . . . .	8W-48-2
Fuse 10 (JB) . . . . .	8W-48-2	Rear Window Defogger . . . . .	8W-48-2
G300 . . . . .	8W-48-2	Rear Window Defogger Relay . . . . .	8W-48-2
G303 . . . . .	8W-48-2	Rear Window Defogger Switch . . . . .	8W-48-2



## 8W-49 OVERHEAD CONSOLE

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Automatic Day/Night Mirror . . . . .	8W-49-2	Fuse 16 (JB) . . . . .	8W-49-2, 3
Courtesy Lamp Relay . . . . .	8W-49-3	G303 . . . . .	8W-49-3
Data Link Connector . . . . .	8W-49-2	Junction Block . . . . .	8W-49-2, 3
Fuse 6 (JB) . . . . .	8W-49-2	Overhead Console . . . . .	8W-49-2, 3



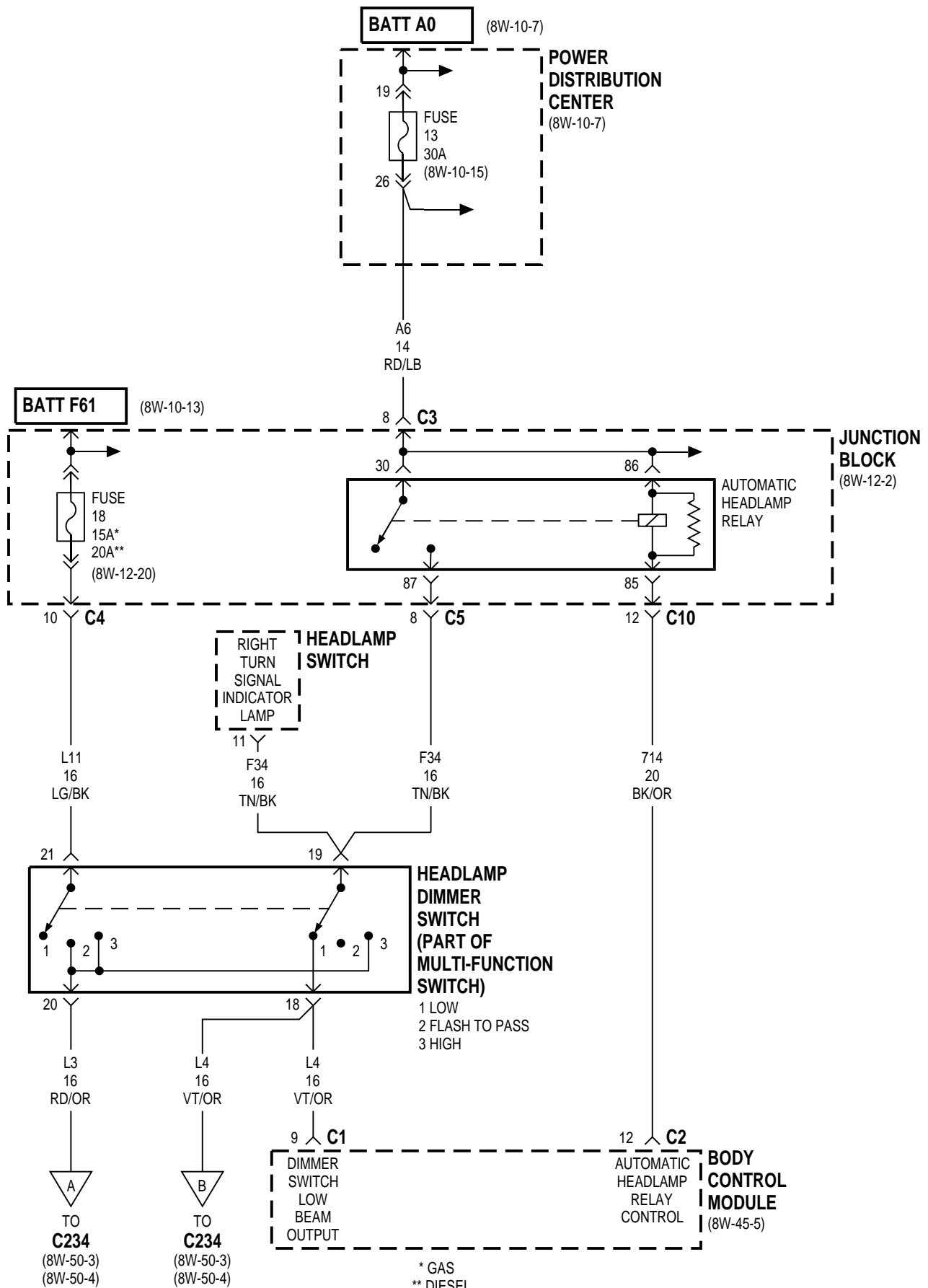


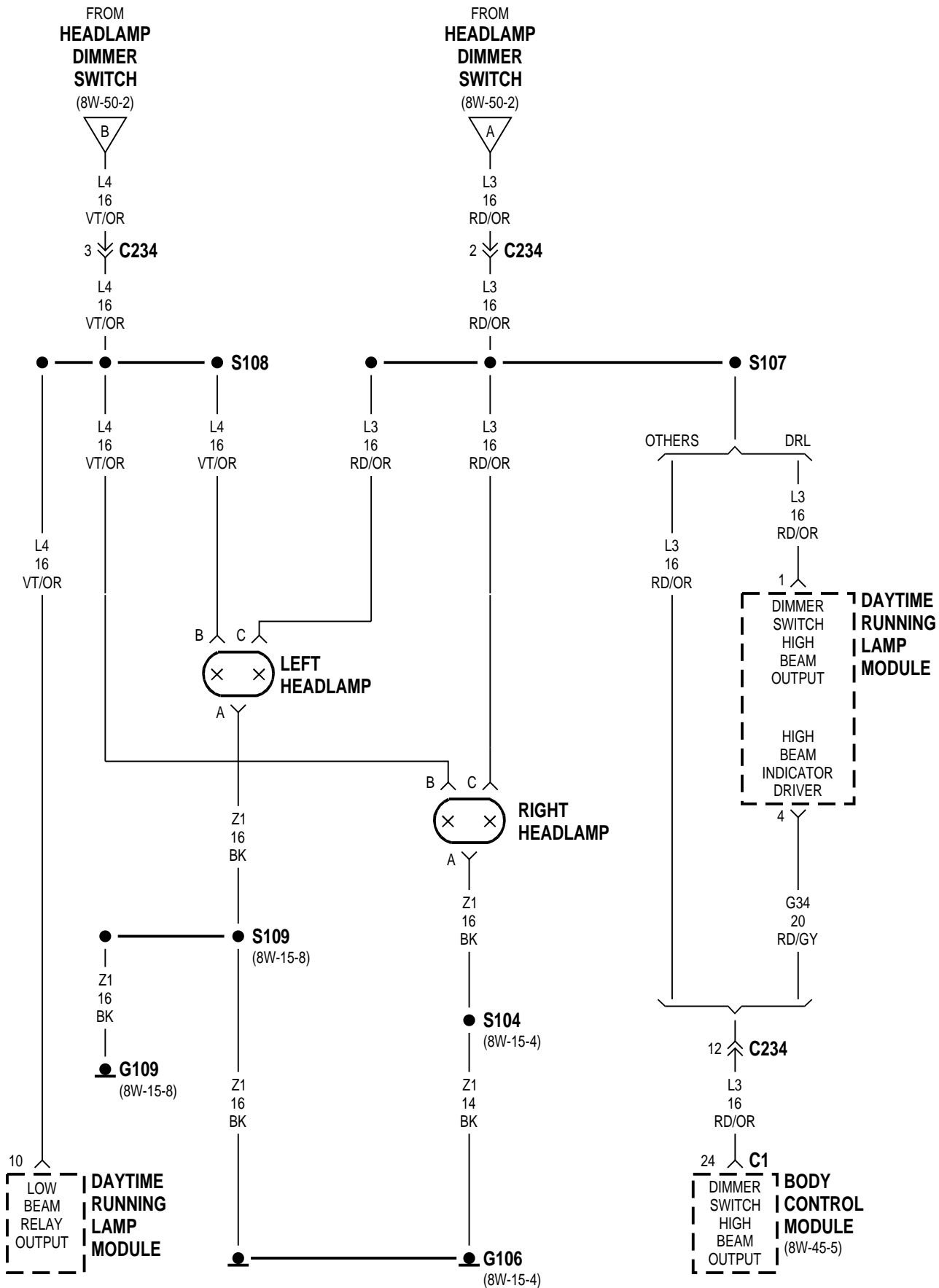


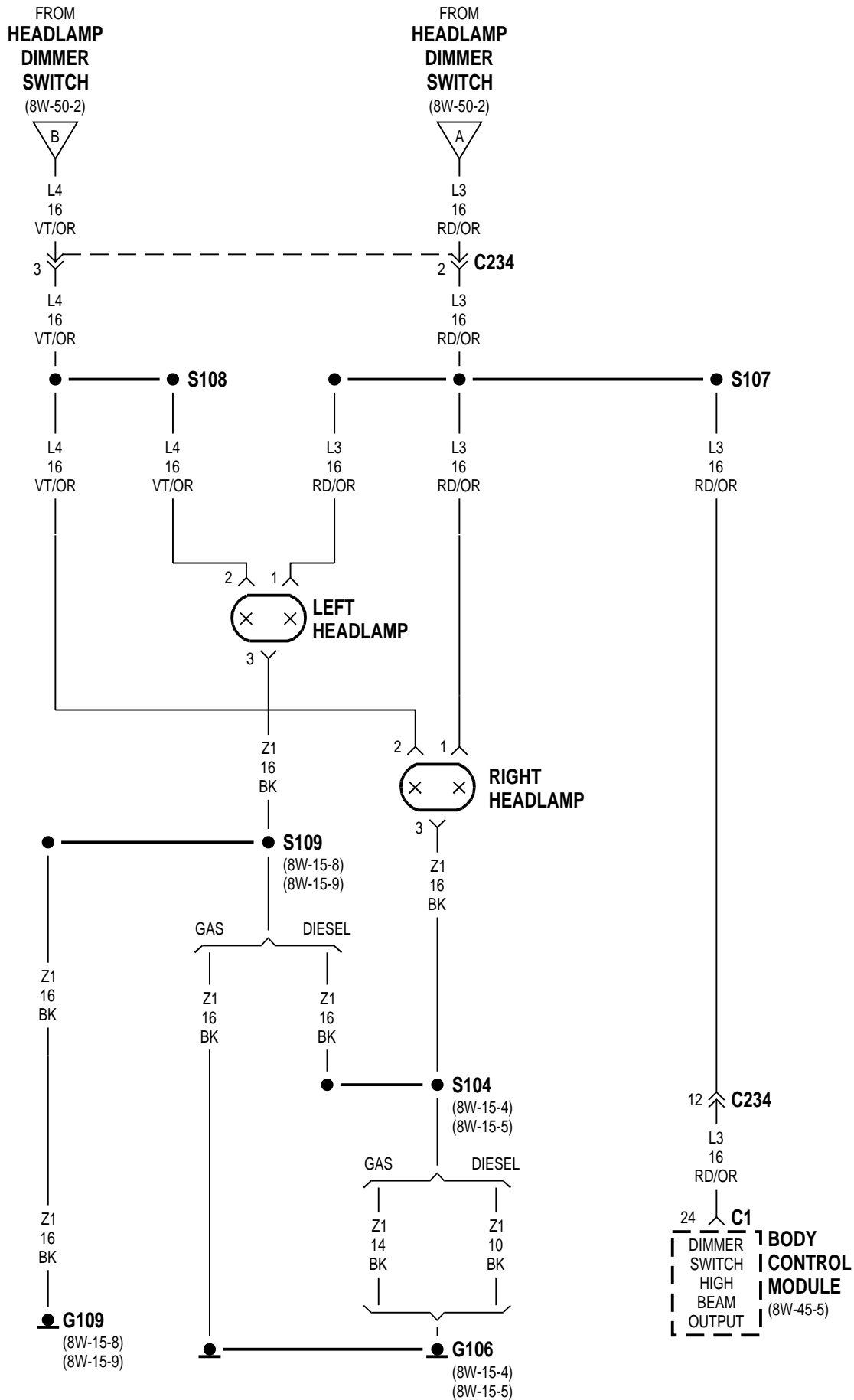


## 8W-50 FRONT LIGHTING

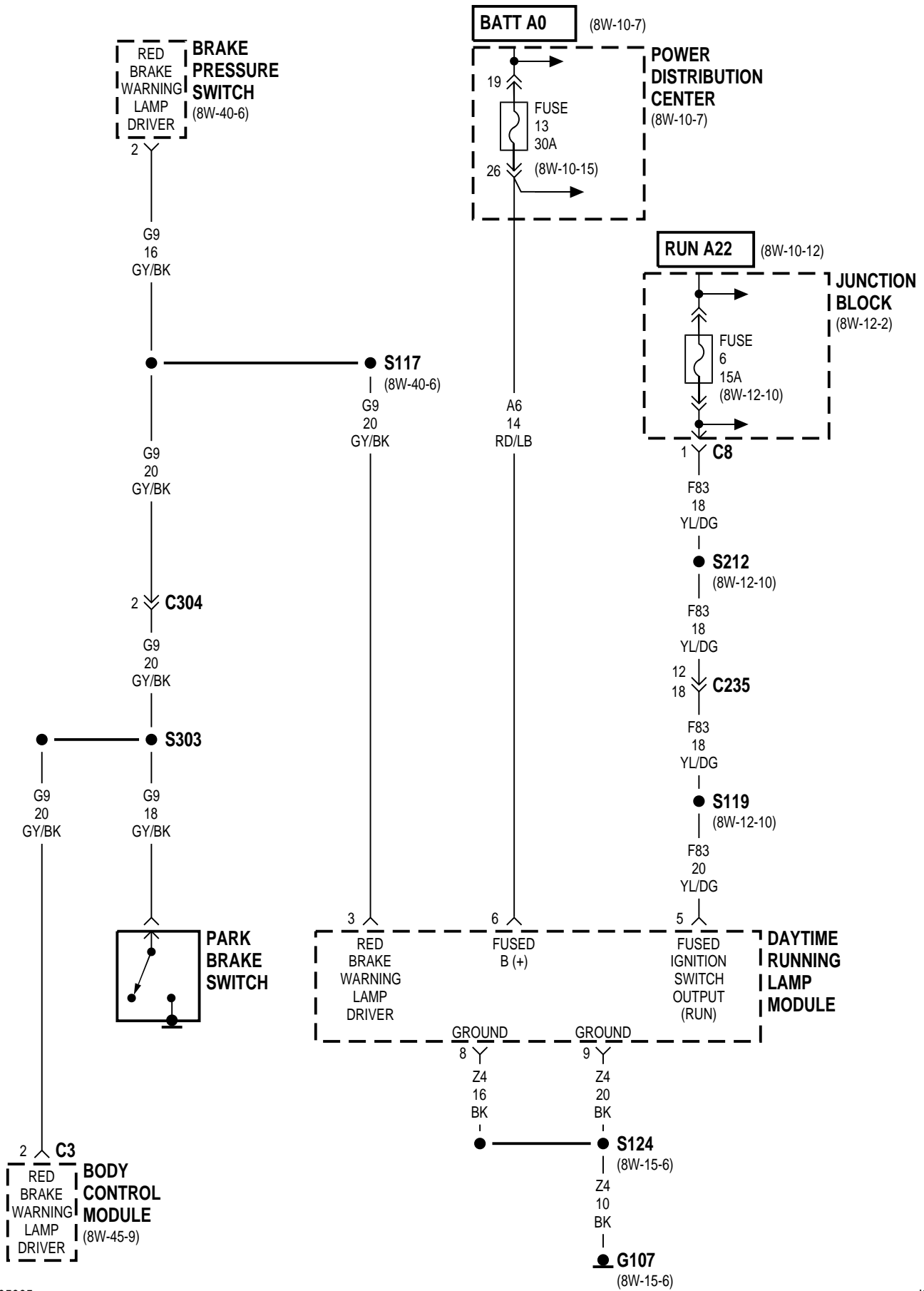
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Automatic Headlamp Light Sensor/ Vtss Led . . . . .	.8W-50-6	Instrument Cluster . . . . .	.8W-50-10, 11
Automatic Headlamp Relay . . . . .	.8W-50-2	Junction Block . . . . .	.8W-50-2, 5, 7, 8, 9, 11, 12
Body Control Module . . . . .	.8W-50-2, 3, 4, 5, 6, 7, 8, 9	Left Fog Lamp . . . . .	.8W-50-7
Brake Pressure Switch . . . . .	.8W-50-5	Left Front Park Lamp. . . . .	.8W-50-10
Circuit Breaker . . . . .	.8W-50-6	Left Front Side Marker Lamp. . . . .	.8W-50-10
Daytime Running Lamp Module . . . . .	.8W-50-3, 5	Left Front Turn Signal Lamp . . . . .	.8W-50-10
Fog Lamp Relay . . . . .	.8W-50-7	Left Headlamp . . . . .	.8W-50-3, 4
Fog Lamp Switch . . . . .	.8W-50-8	Left Headlamp Leveling Motor . . . . .	.8W-50-12
Fuse 6 (JB) . . . . .	.8W-50-5, 12	Left Side Repeater . . . . .	.8W-50-10
Fuse 13 (PDC). . . . .	.8W-50-2, 5	Park Brake Switch . . . . .	.8W-50-5
Fuse 17 (JB) . . . . .	.8W-50-8, 9	Park Lamp Relay . . . . .	.8W-50-8, 9
Fuse 18 (JB) . . . . .	.8W-50-2	Power Distribution Center . . . . .	.8W-50-2, 5, 7
Fuse 19 (PDC) . . . . .	.8W-50-7	Right Fog Lamp . . . . .	.8W-50-7
G106 . . . . .	.8W-50-3, 4, 7, 11	Right Front Park Lamp. . . . .	.8W-50-11
G107 . . . . .	.8W-50-5	Right Front Side Marker Lamp. . . . .	.8W-50-11
G109 . . . . .	.8W-50-4, 7, 10	Right Front Turn Signal Lamp . . . . .	.8W-50-11
G303 . . . . .	.8W-50-6, 8, 12	Right Headlamp . . . . .	.8W-50-3, 4
Headlamp Dimmer Switch . . . . .	.8W-50-2	Right Headlamp Leveling Motor . . . . .	.8W-50-12
Headlamp Leveling Switch . . . . .	.8W-50-12	Right Side Repeater . . . . .	.8W-50-11
Headlamp Switch . . . . .	.8W-50-2, 6, 8	Turn Signal/Hazard Warning Switch. . .	.8W-50-10, 11

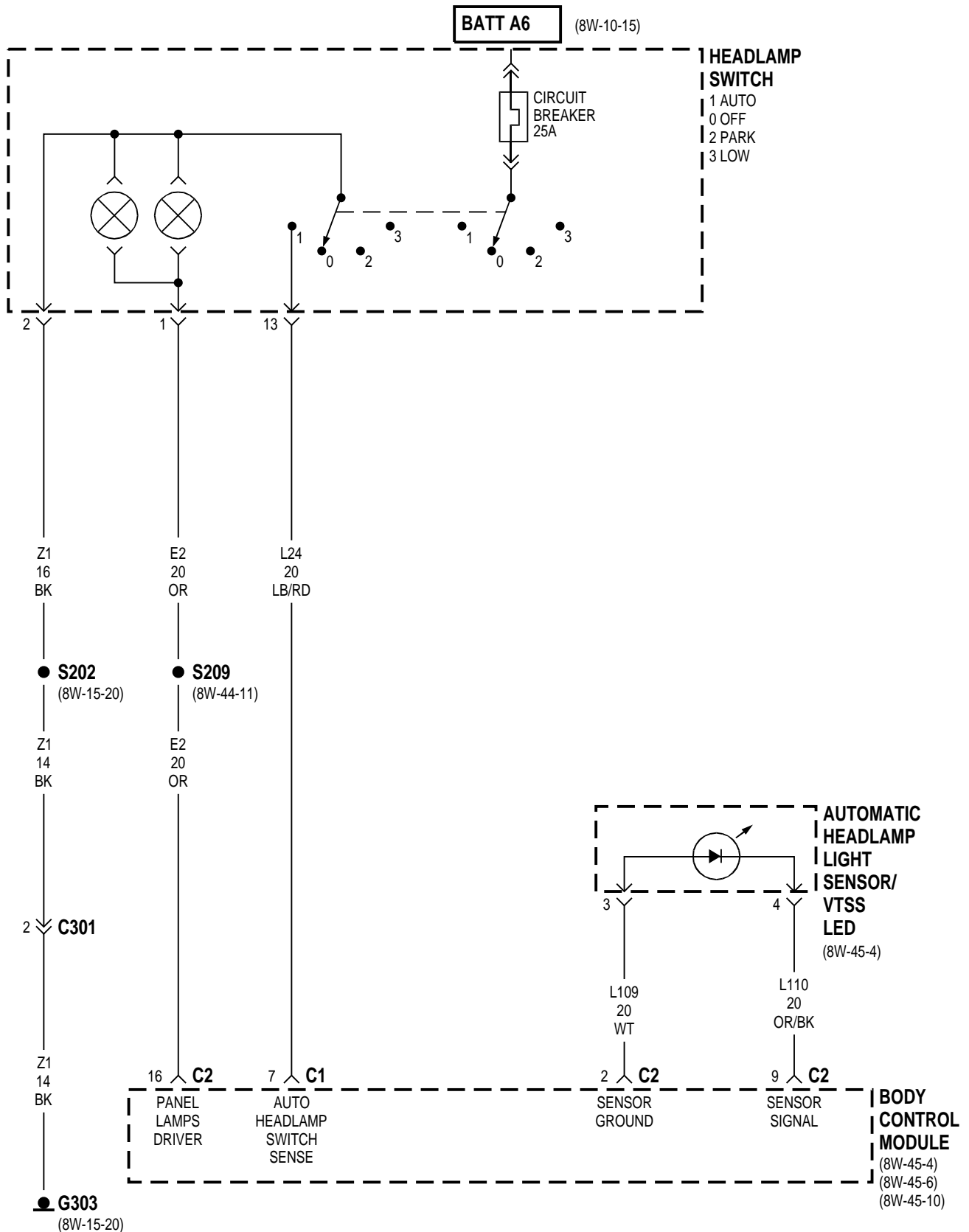


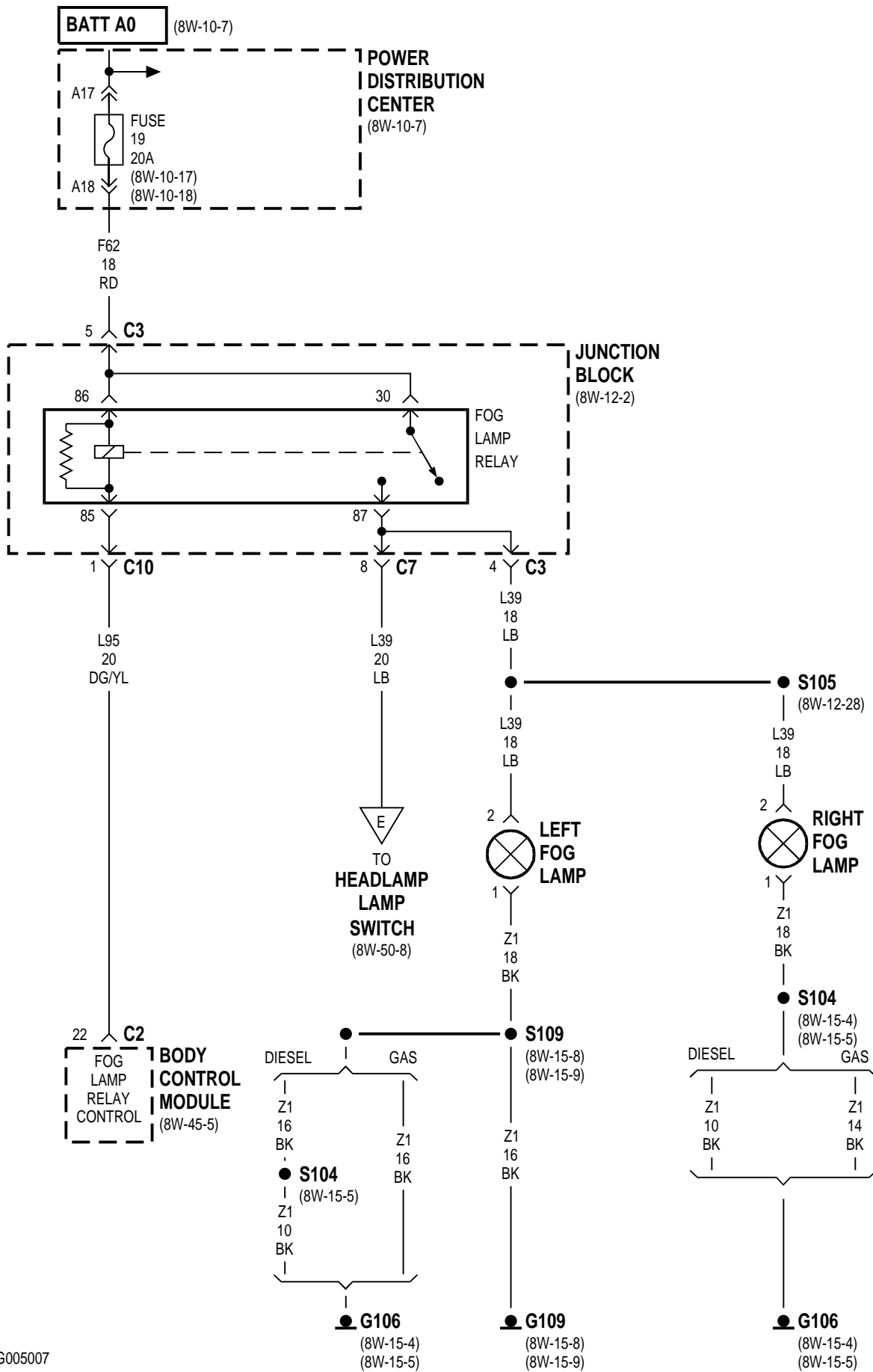




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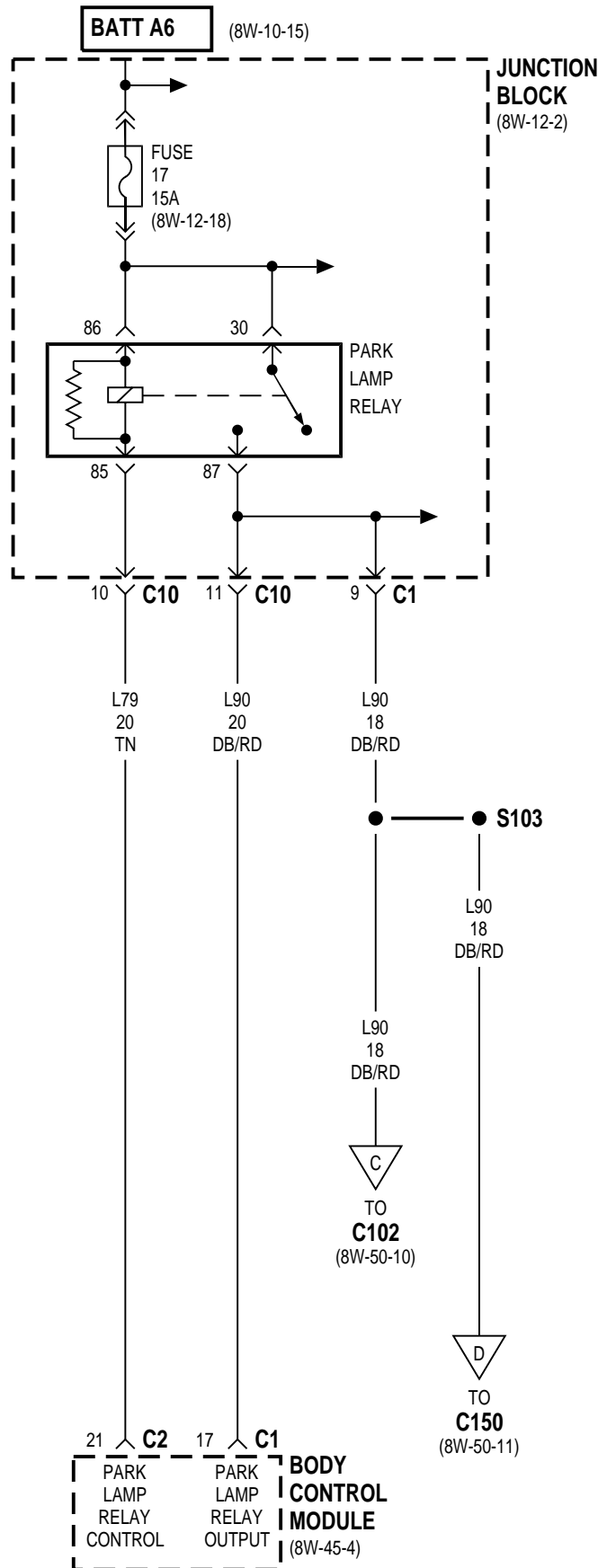


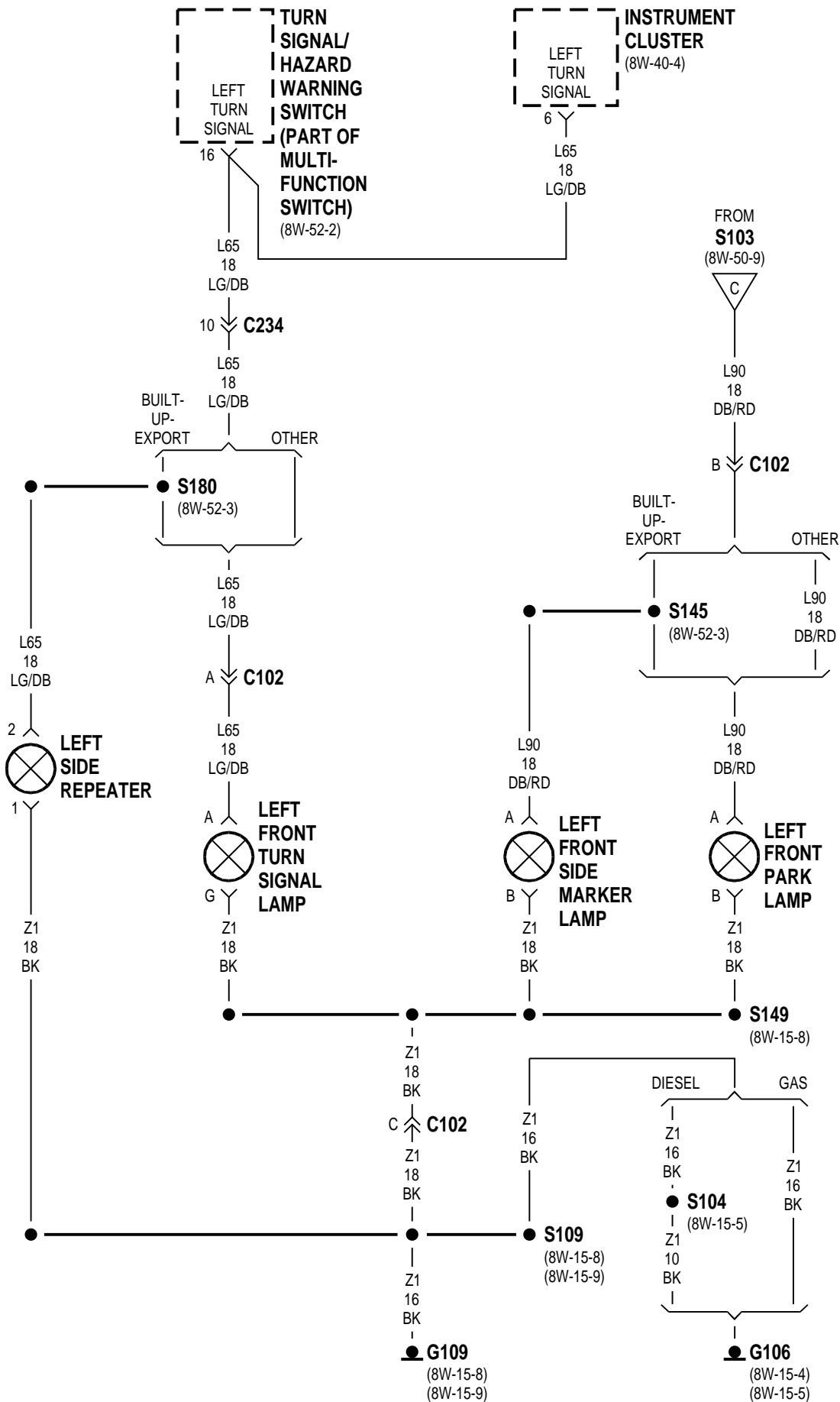


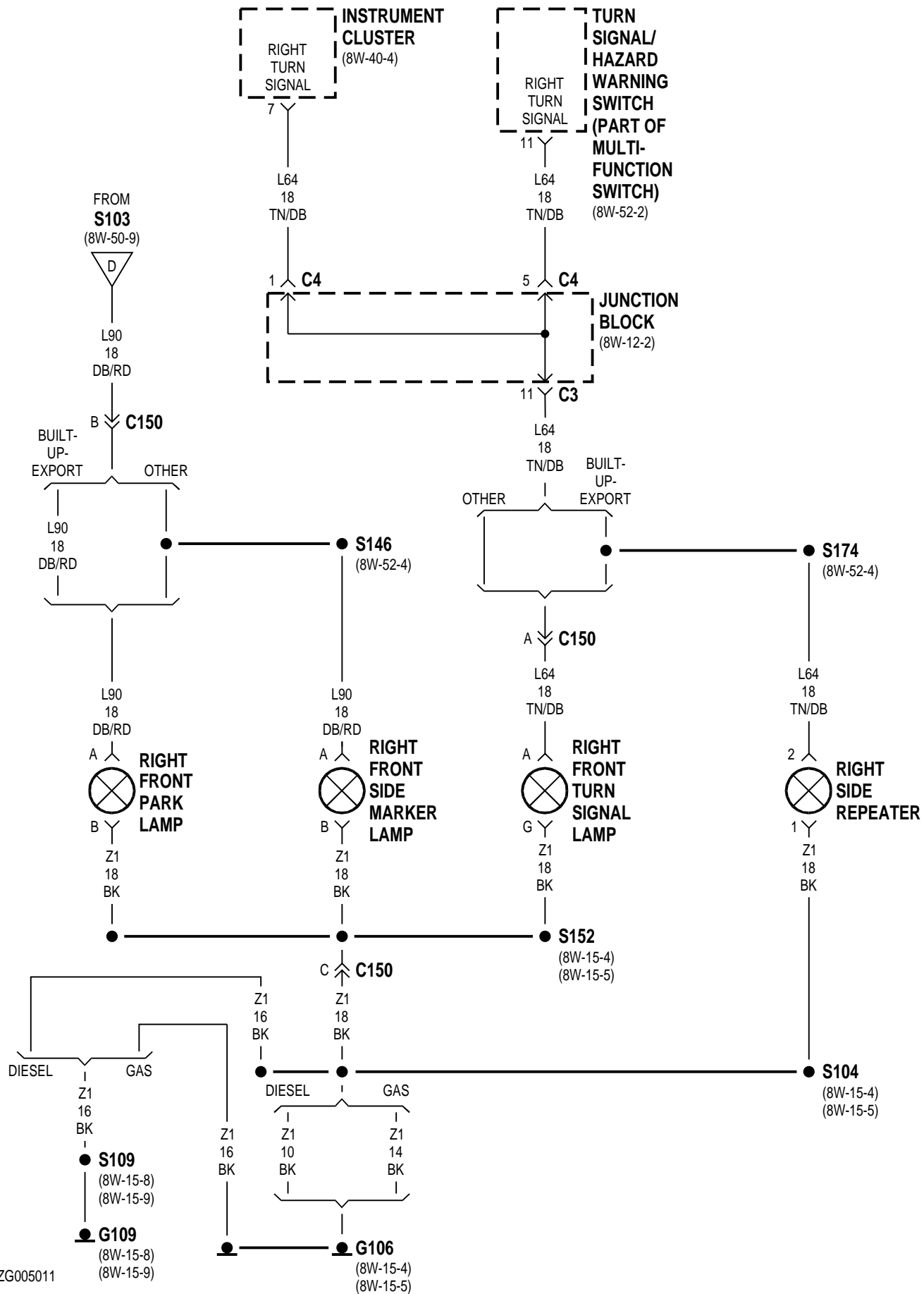


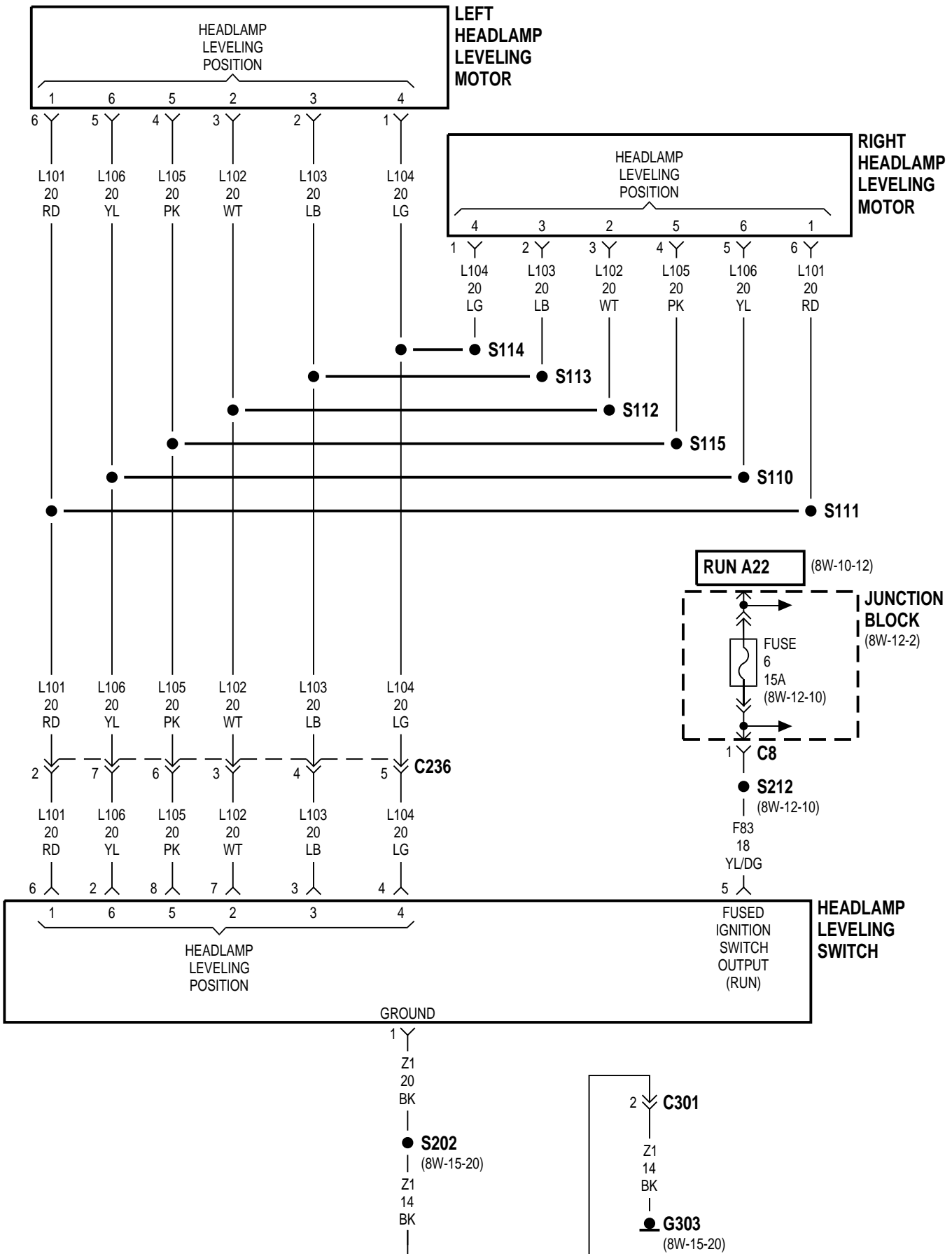






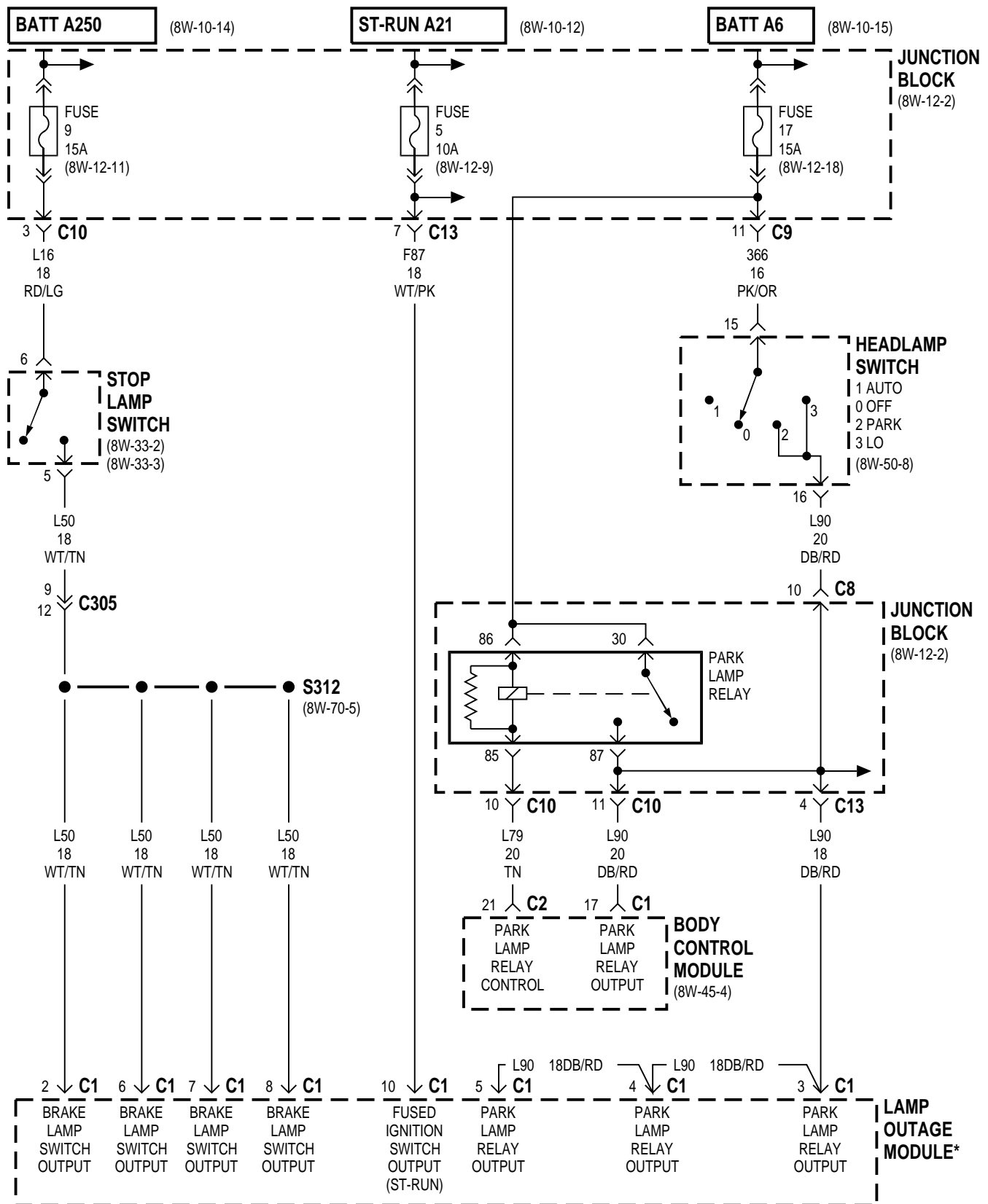




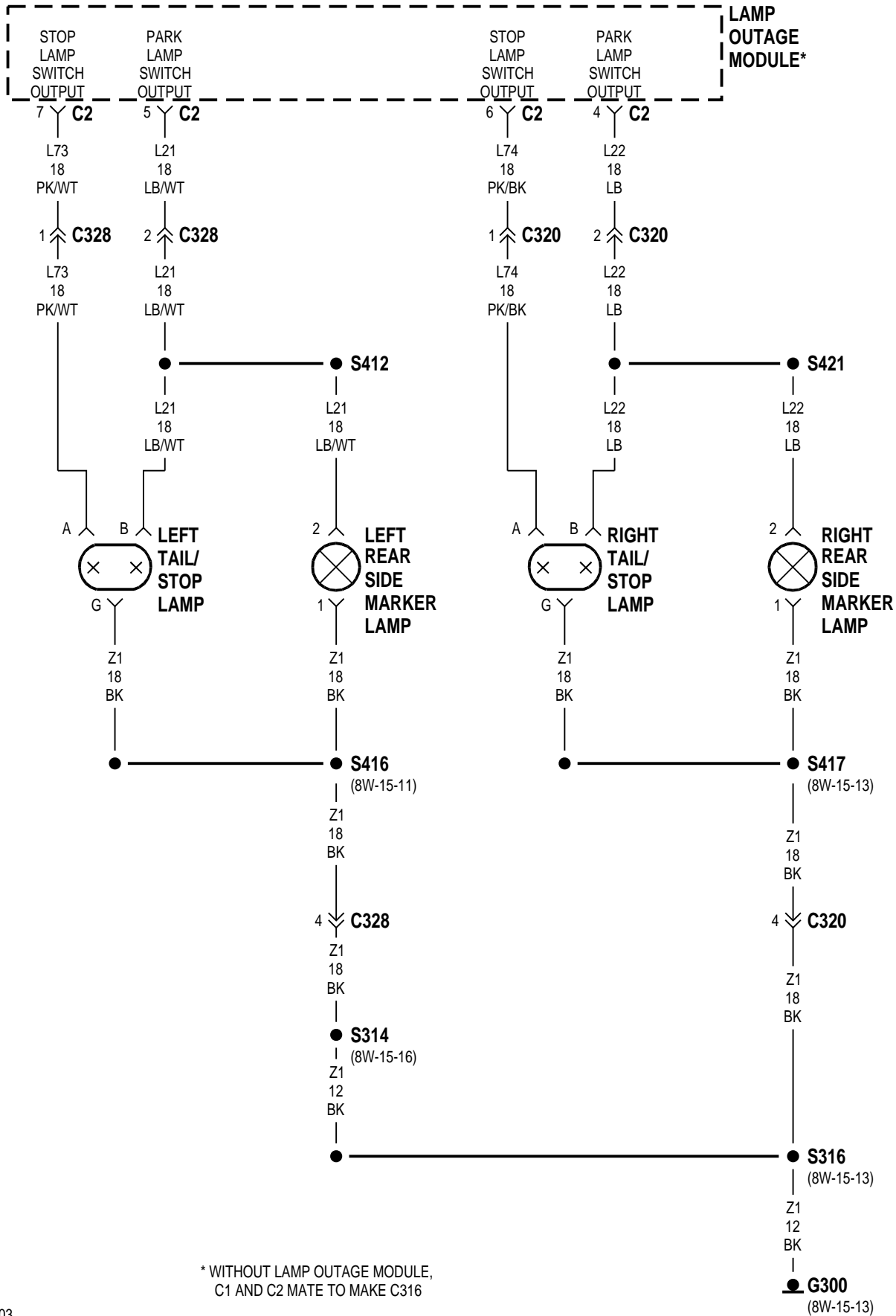


## 8W-51 REAR LIGHTING

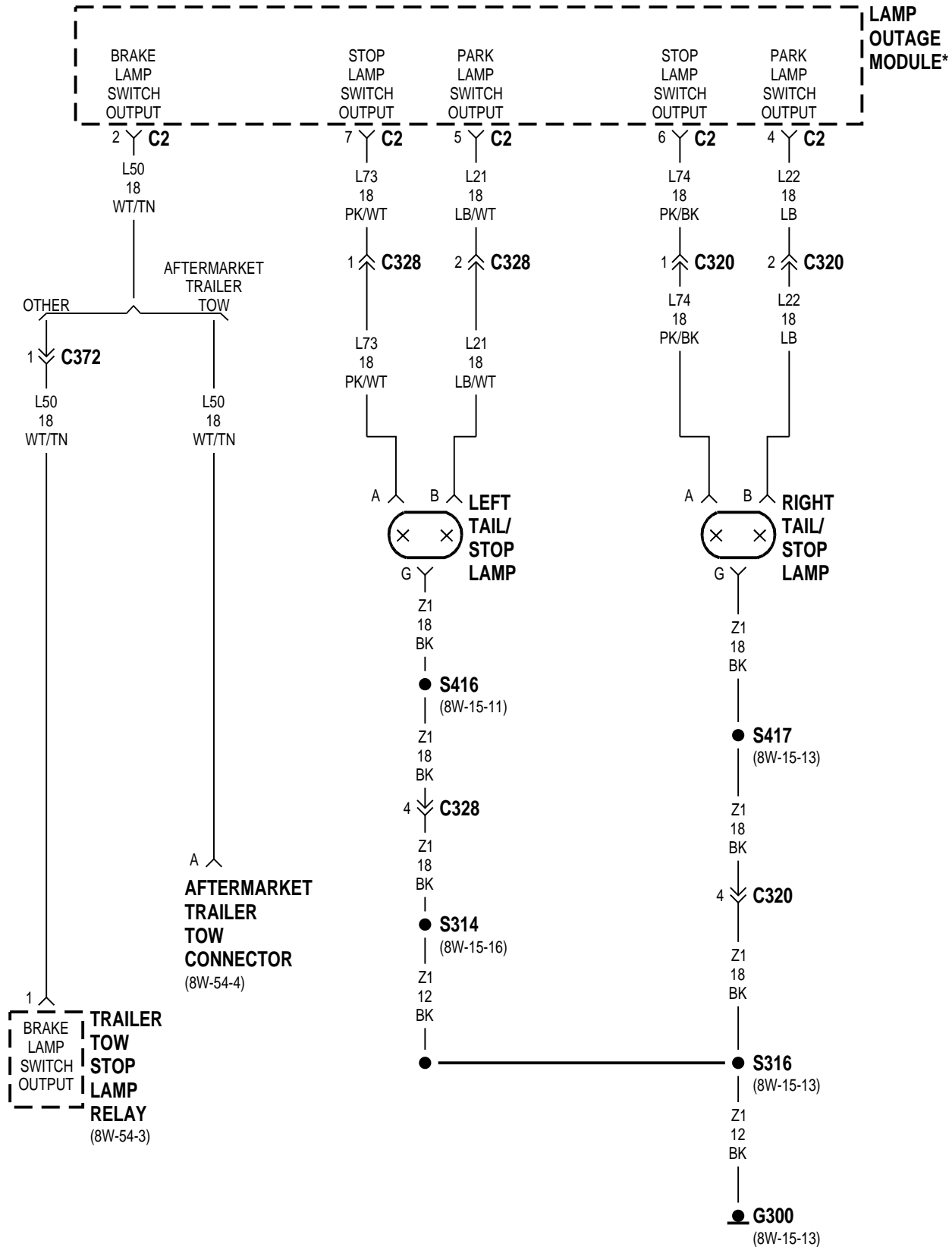
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Aftermarket Trailer Tow Connector . . . . .	8W-51-4, 6	Lamp Outage Module . . . . .	8W-51-2, 3, 4, 5, 6, 7
Back-Up Lamp Switch . . . . .	8W-51-5	Left Back-Up Lamp . . . . .	8W-51-6
Body Control Module . . . . .	8W-51-2	Left License Lamp . . . . .	8W-51-6
Center High Mounted Stop Lamp No. 1 . . . . .	8W-51-5	Left Rear Fog Lamp . . . . .	8W-51-7
Center High Mounted Stop Lamp No. 2 . . . . .	8W-51-5	Left Rear Side Marker Lamp . . . . .	8W-51-3
Center High Mounted Stop Lamp No. 3 . . . . .	8W-51-5	Left Tail/Stop Lamp . . . . .	8W-51-3, 4
Factory Trailer Tow Connector . . . . .	8W-51-6	Park Lamp Relay . . . . .	8W-51-2
Fuse 5 (JB) . . . . .	8W-51-2	Park/Neutral Position Switch . . . . .	8W-51-5
Fuse 6 (JB) . . . . .	8W-51-5	Rear Fog Lamp Relay . . . . .	8W-51-7
Fuse 9 (JB) . . . . .	8W-51-2	Right Back-Up Lamp . . . . .	8W-51-6
Fuse 15 (JB) . . . . .	8W-51-7	Right License Lamp . . . . .	8W-51-6
Fuse 17 (JB) . . . . .	8W-51-2, 7	Right Rear Fog Lamp . . . . .	8W-51-7
G300 . . . . .	8W-51-3, 4, 5, 6, 7	Right Rear Side Marker Lamp . . . . .	8W-51-3
G302 . . . . .	8W-51-5, 6	Right Tail/Stop Lamp . . . . .	8W-51-3, 4
G303 . . . . .	8W-51-7	Stop Lamp Switch . . . . .	8W-51-2
Headlamp Switch . . . . .	8W-51-2, 7	Trailer Tow Stop Lamp Relay . . . . .	8W-51-4
Junction Block . . . . .	8W-51-2, 5, 6, 7	Vehicle Information Center/ Graphic Display Module . . . . .	8W-51-5



\* WITHOUT LAMP OUTAGE MODULE,  
C1 AND C2 MATE TO MAKE C316

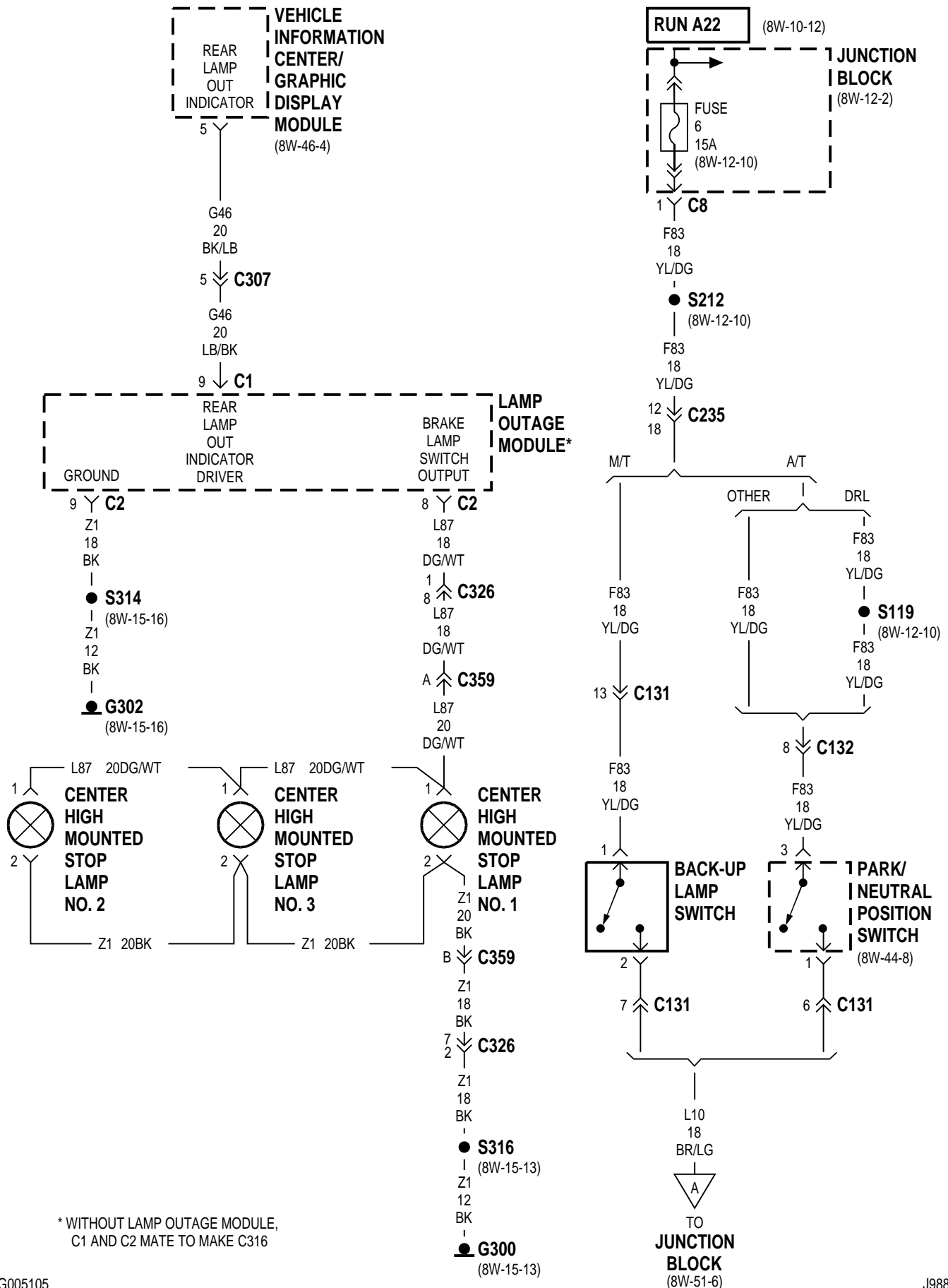


\* WITHOUT LAMP OUTAGE MODULE,  
C1 AND C2 MATE TO MAKE C316

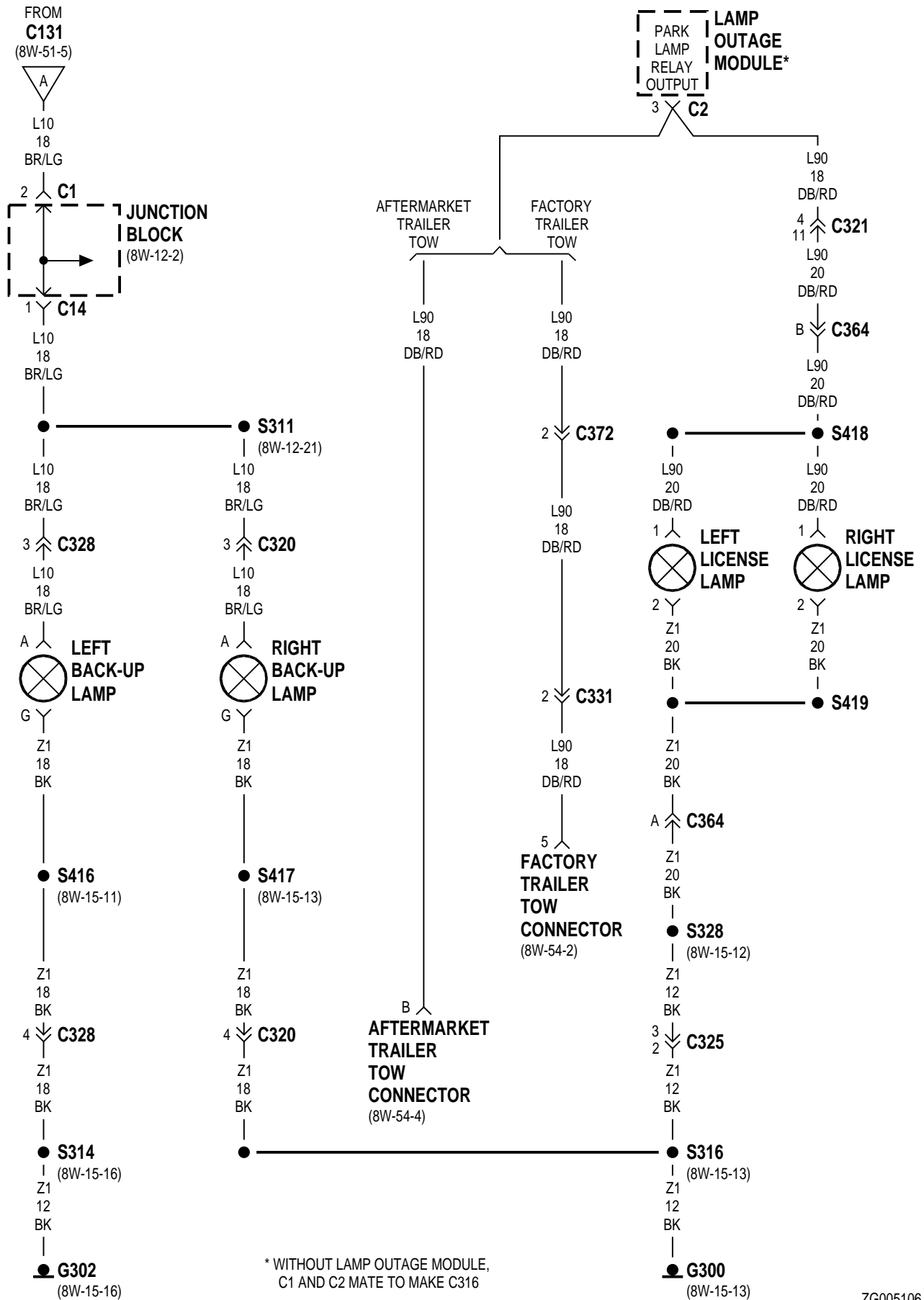


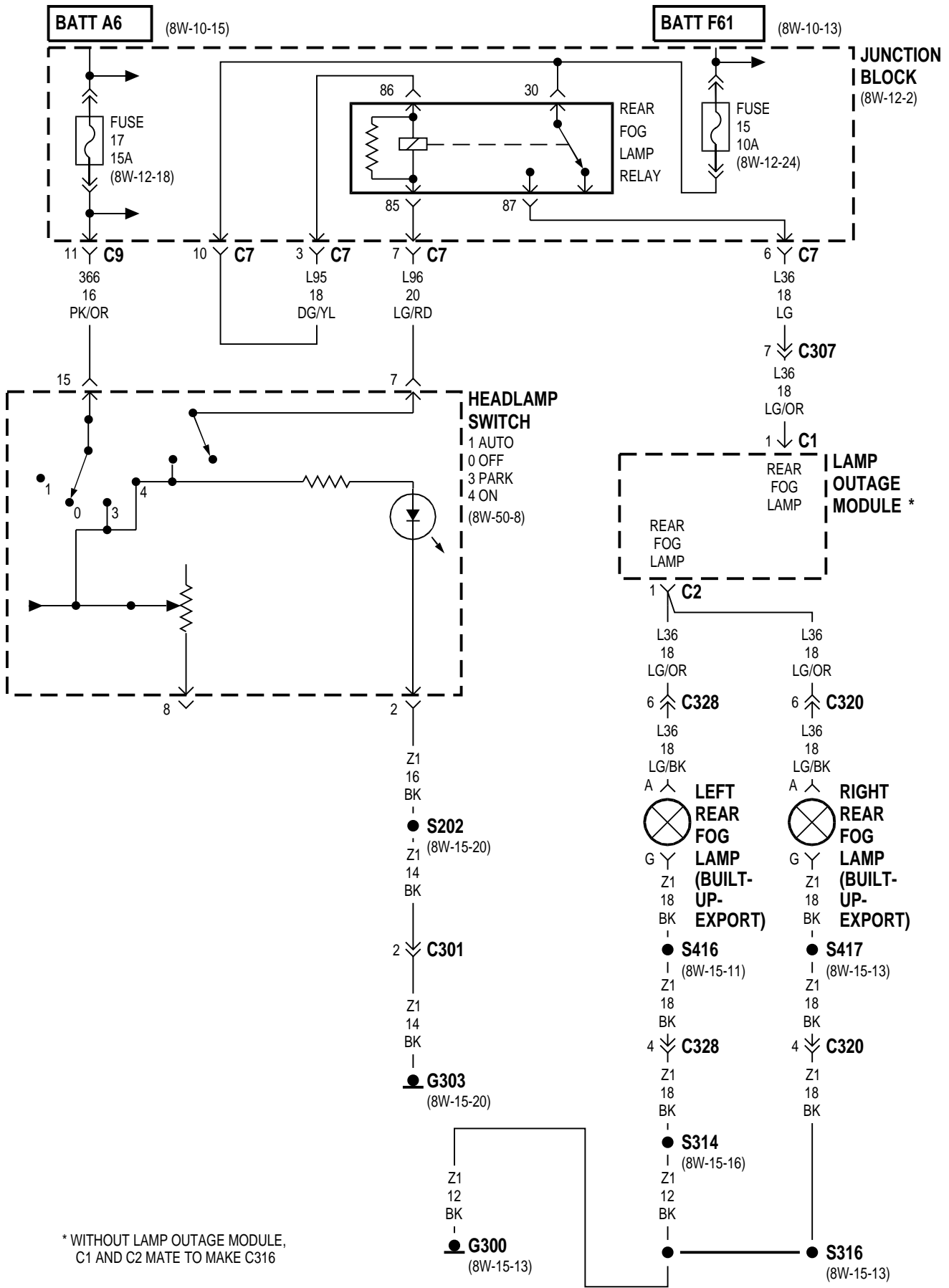
\* WITHOUT LAMP OUTAGE MODULE,  
C1 AND C2 MATE TO MAKE C316





\* WITHOUT LAMP OUTAGE MODULE, C1 AND C2 MATE TO MAKE C316



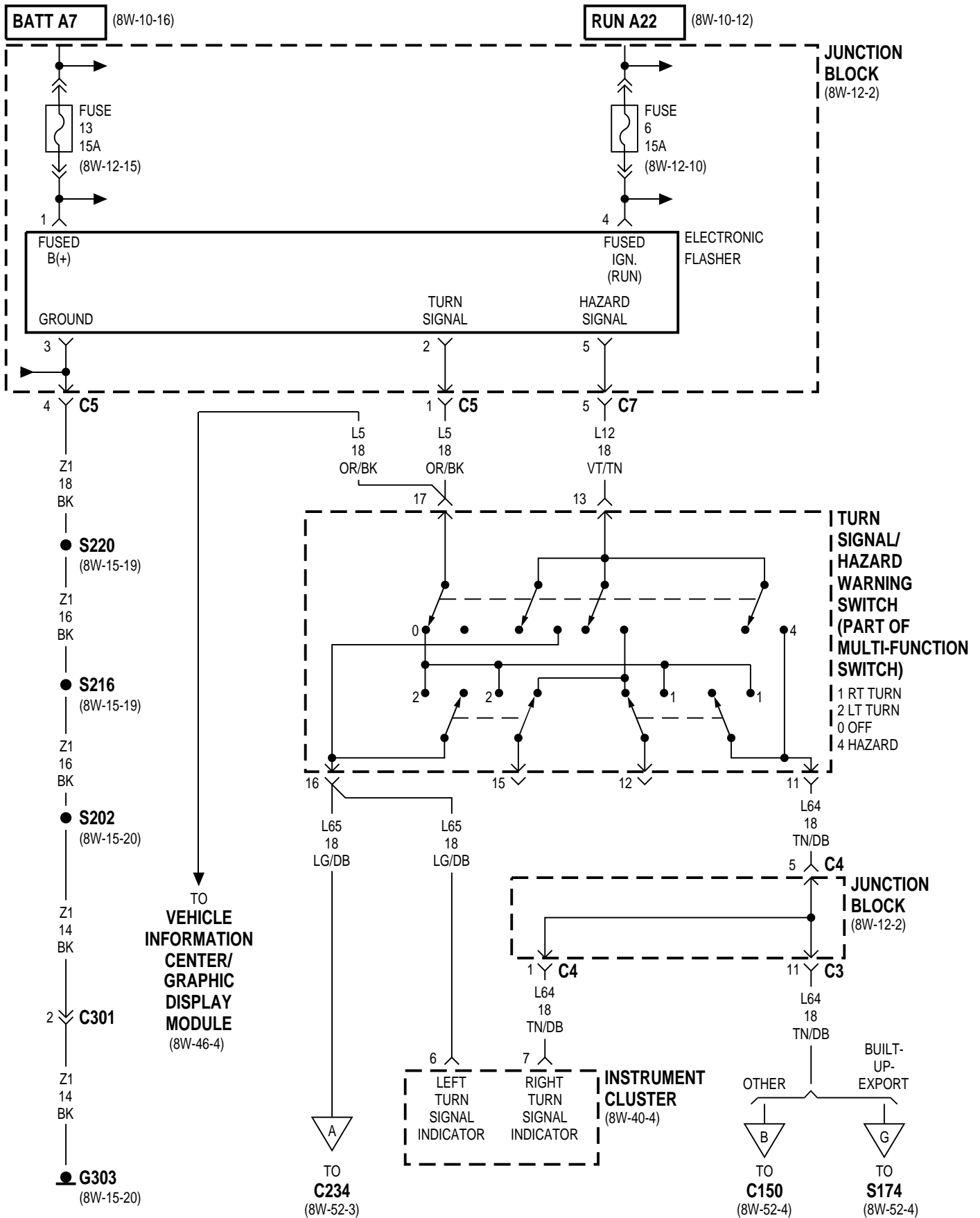


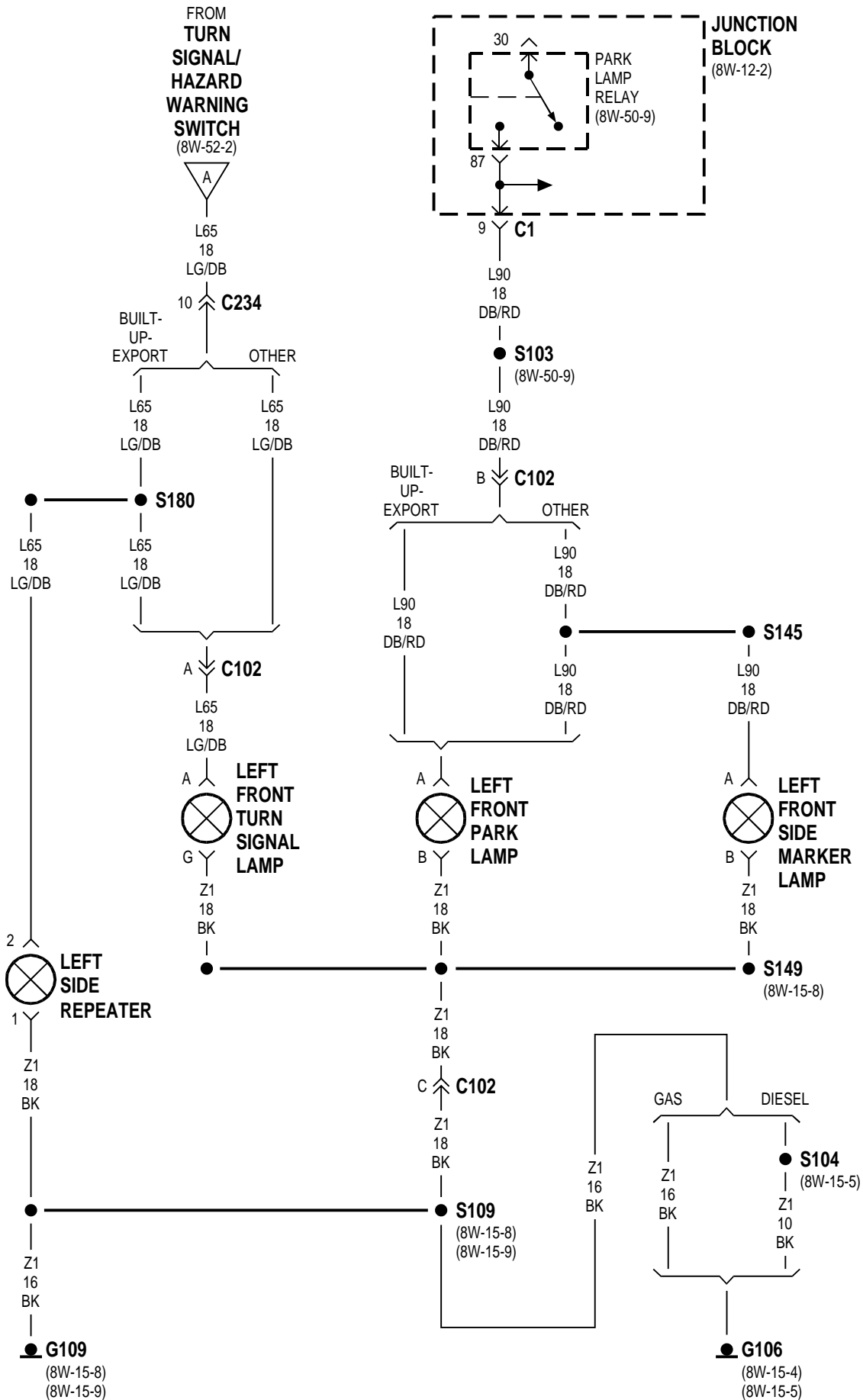
\* WITHOUT LAMP OUTAGE MODULE, C1 AND C2 MATE TO MAKE C316

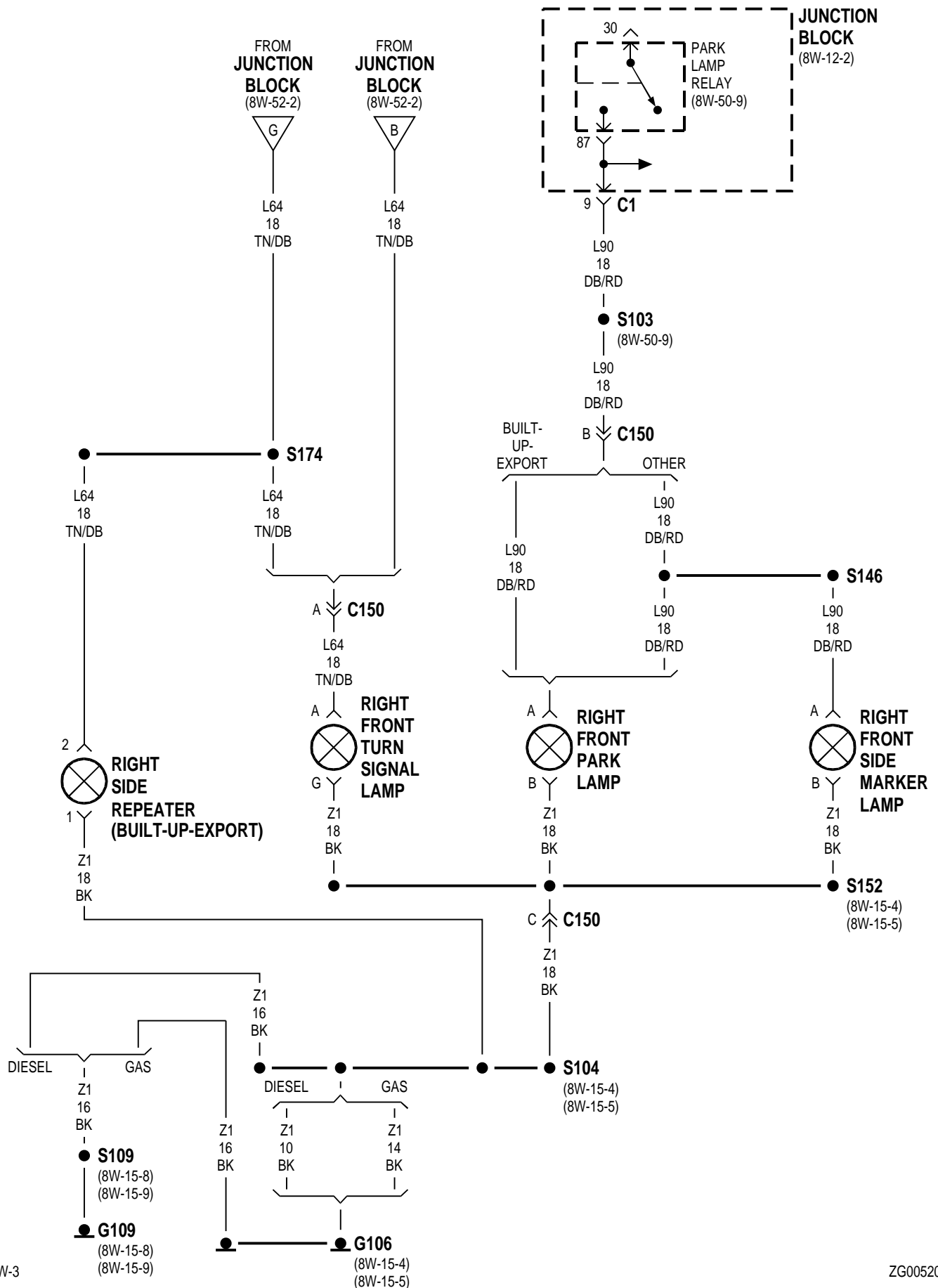


## 8W-52 TURN SIGNALS

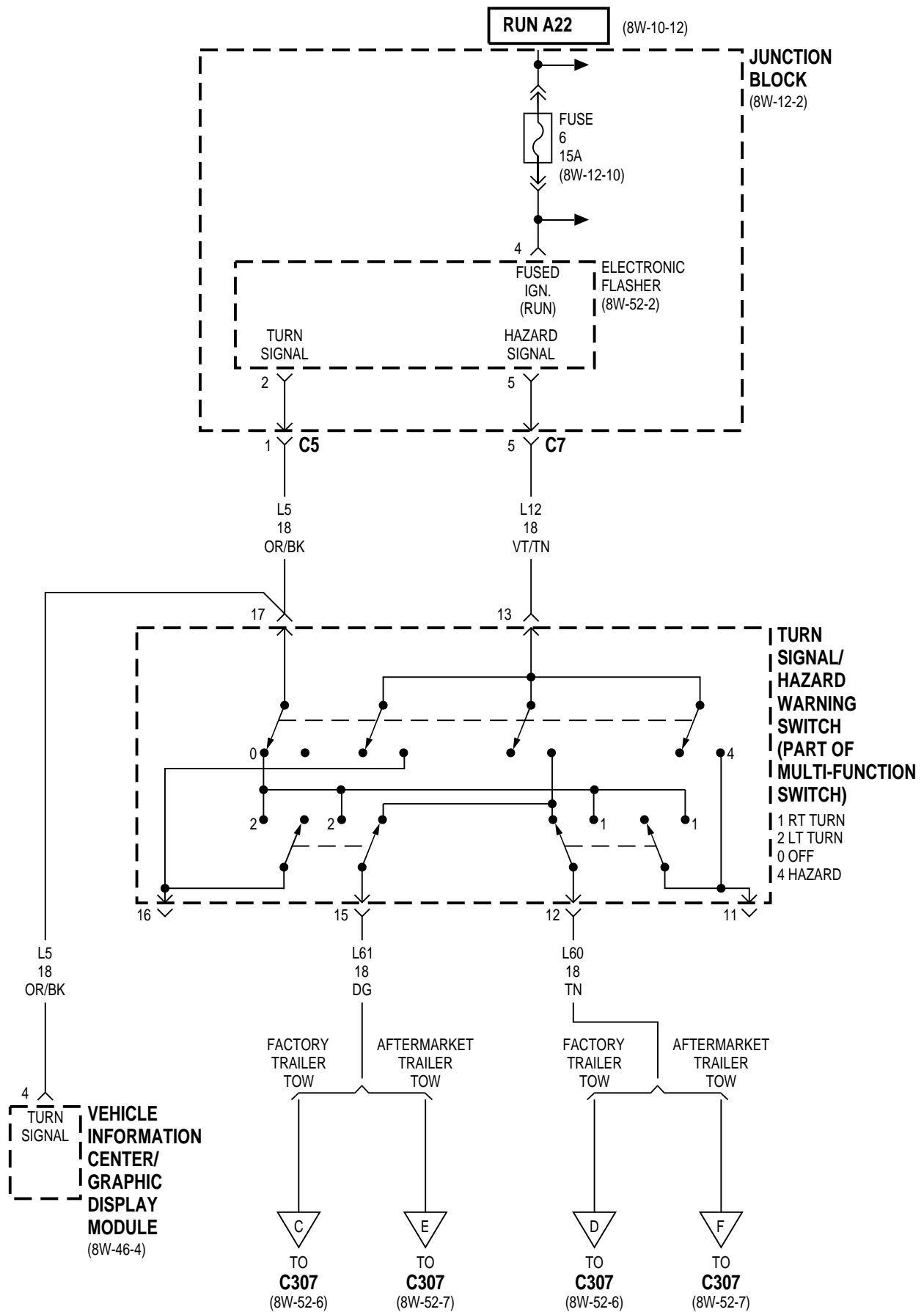
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Aftermarket Trailer Tow Connector . . . . .	.8W-52-7	Left Front Turn Signal Lamp . . . . .	.8W-52-3
Electronic Flasher . . . . .	.8W-52-2, 5	Left Rear Turn Signal Lamp . . . . .	.8W-52-6, 7
Fuse 6 (JB) . . . . .	.8W-52-2, 5	Left Side Repeater . . . . .	.8W-52-3
Fuse 8 (JB) . . . . .	.8W-52-7	Park Lamp Relay . . . . .	.8W-52-3, 4
Fuse 13 (JB) . . . . .	.8W-52-2	Right Front Park Lamp . . . . .	.8W-52-4
G106 . . . . .	.8W-52-4	Right Front Side Marker Lamp . . . . .	.8W-52-4
G109 . . . . .	.8W-52-3	Right Front Turn Signal Lamp . . . . .	.8W-52-4
G300 . . . . .	.8W-52-6, 7	Right Rear Turn Signal Lamp . . . . .	.8W-52-6, 7
G302 . . . . .	.8W-52-6, 7	Right Side Repeater . . . . .	.8W-52-4
G303 . . . . .	.8W-52-2	Trailer Tow Left Turn Relay . . . . .	.8W-52-6
Instrument Cluster . . . . .	.8W-52-2	Trailer Tow Right Turn Relay . . . . .	.8W-52-6
Junction Block . . . . .	.8W-52-2, 3, 4, 5, 7	Turn Signal/Hazard Warning Switch . . .	.8W-52-2, 5
Left Front Park Lamp . . . . .	.8W-52-3	Vehicle Information Center/ Graphic Display Module . . . . .	.8W-52-2, 5
Left Front Side Marker Lamp . . . . .	.8W-52-3		

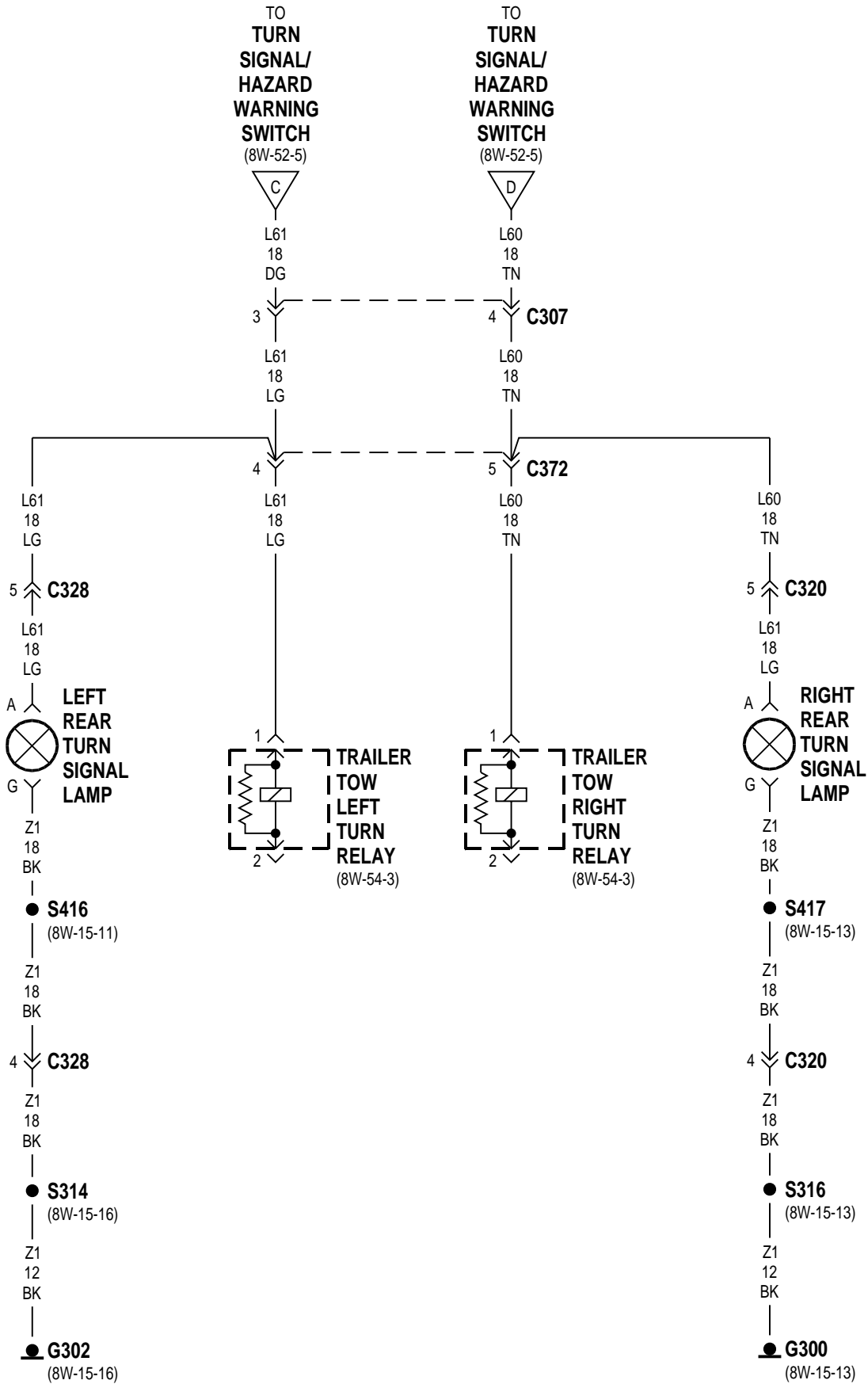


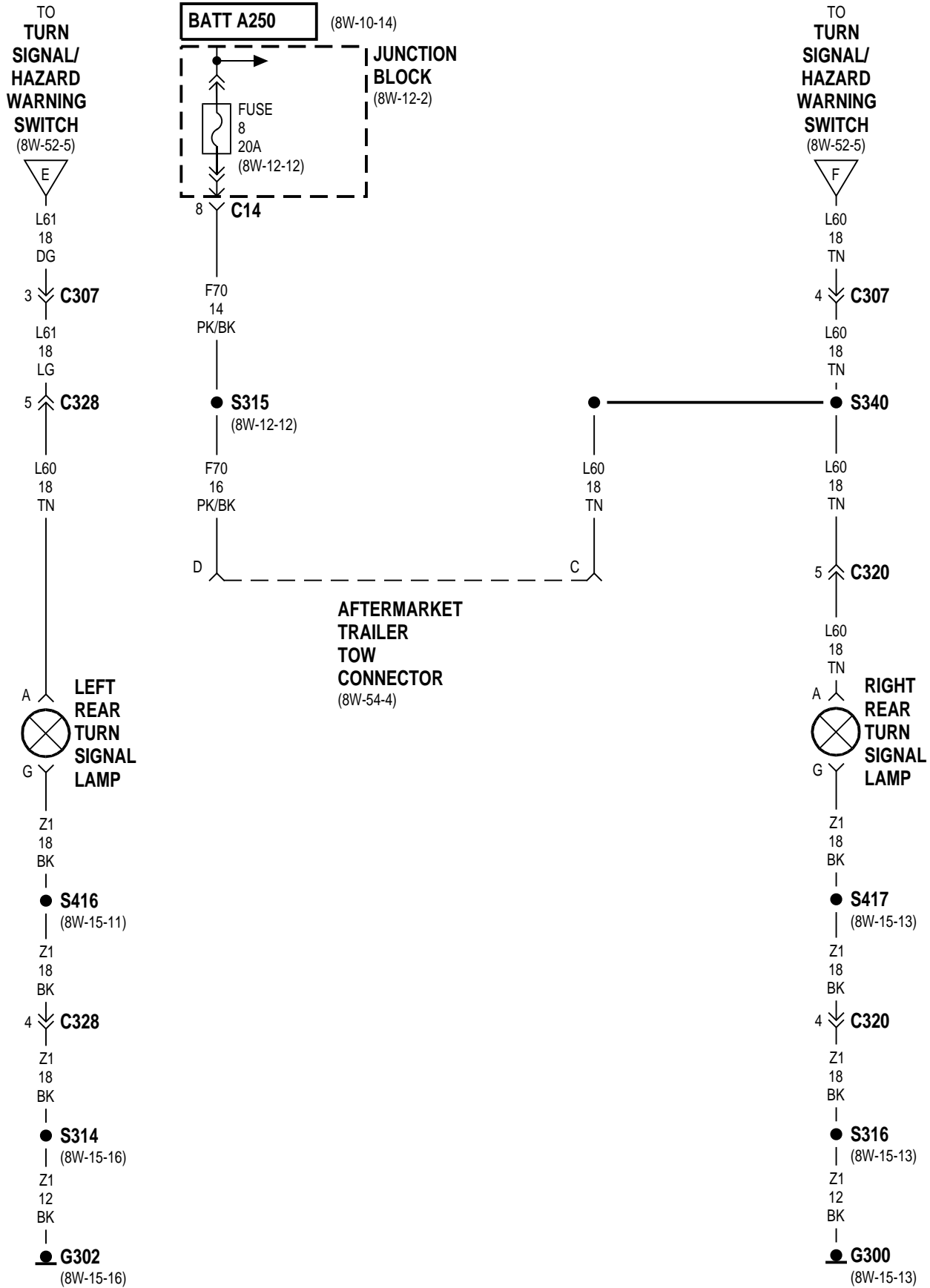










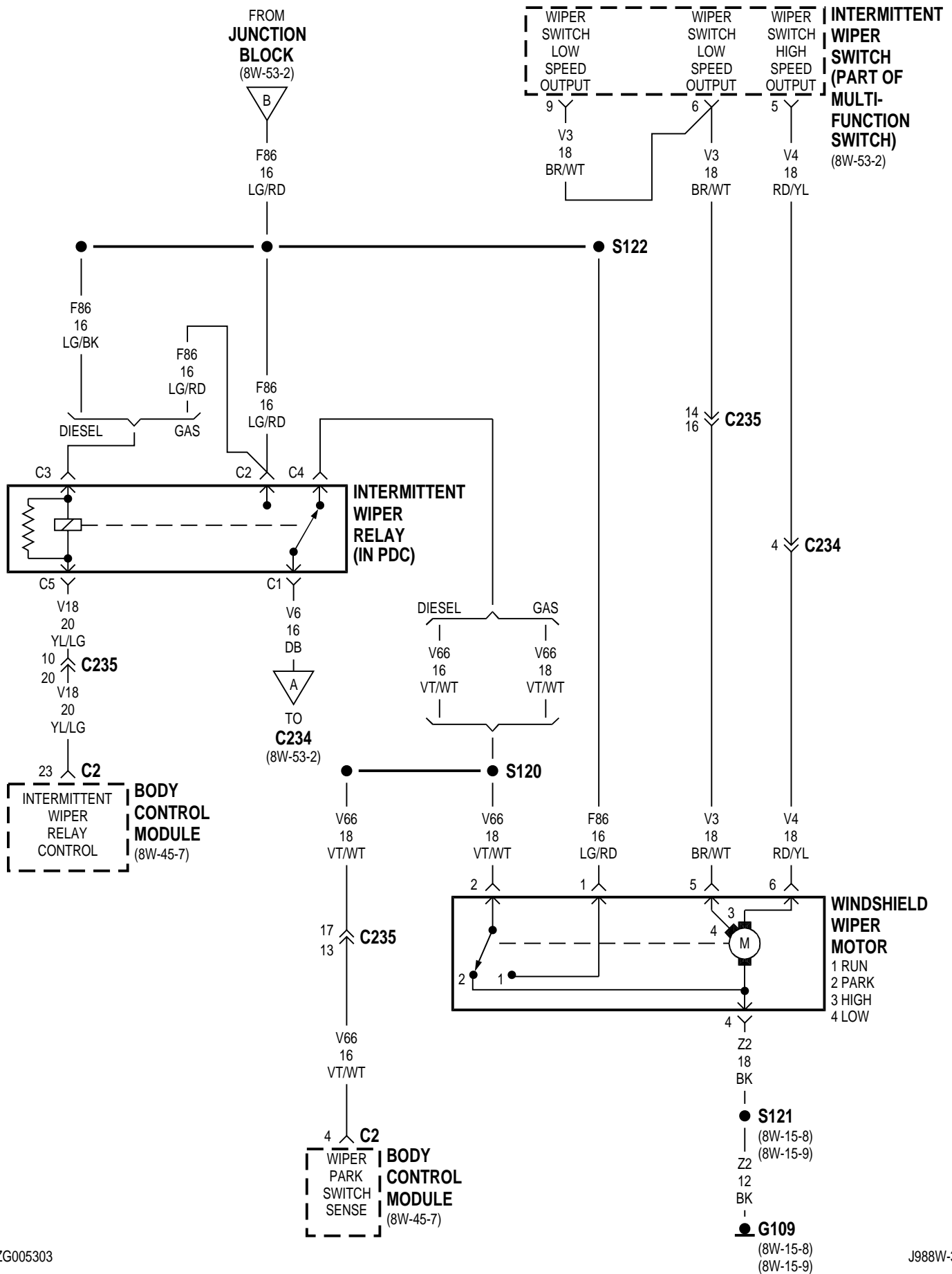




## 8W-53 WIPERS

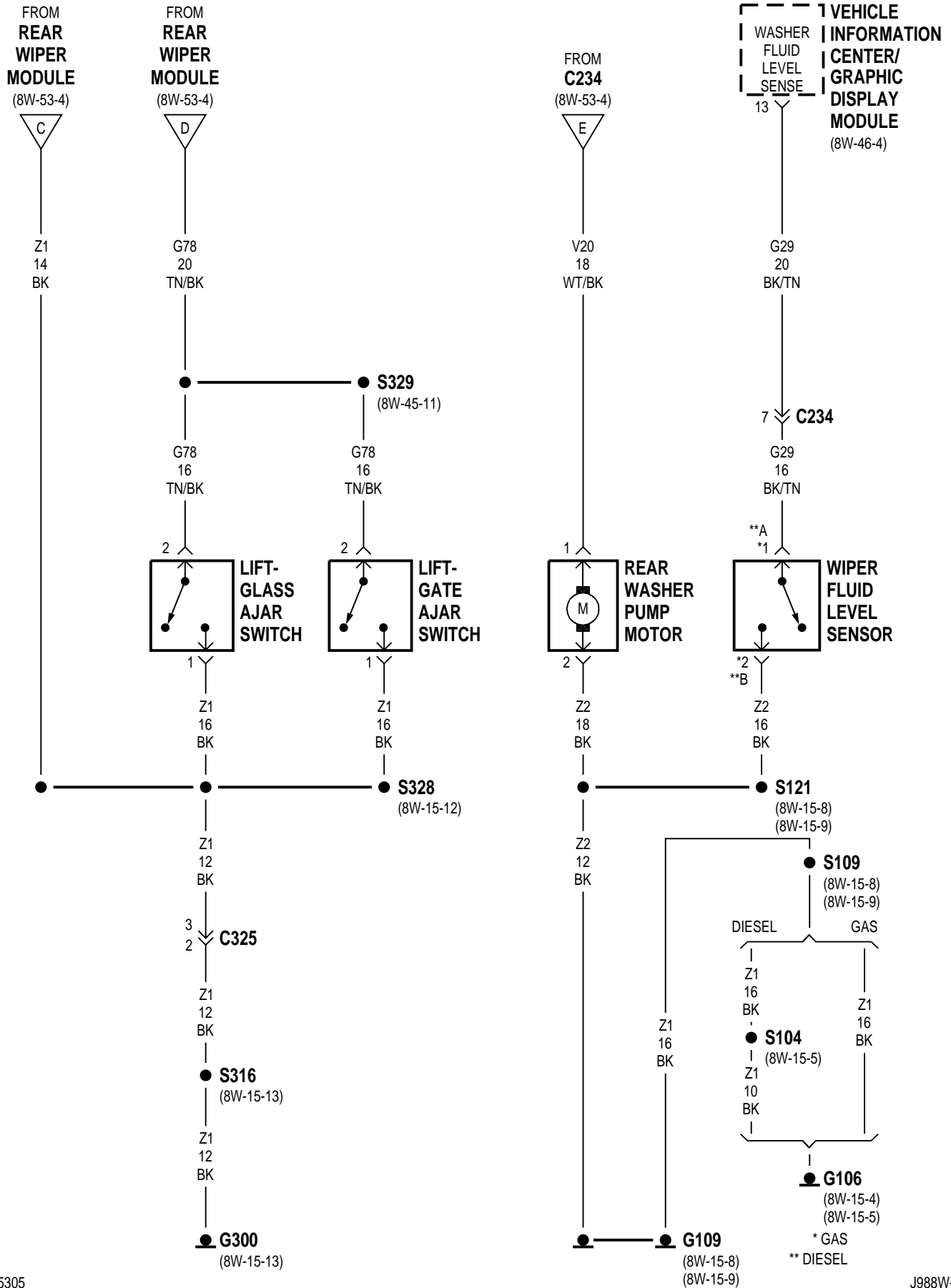
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Body Control Module . . . . .	.8W-53-2, 3	Liftglass Ajar Switch. . . . .	.8W-53-5
Circuit Breaker 1 . . . . .	.8W-53-2	Rear Washer Pump Motor. . . . .	.8W-53-5
Fuse 3 (JB) . . . . .	.8W-53-4	Rear Wiper Module. . . . .	.8W-53-4
Fuse 8 (JB) . . . . .	.8W-53-4	Rear Wiper Motor Control . . . . .	.8W-53-4
G109 . . . . .	.8W-53-2, 3, 5	Rear Wiper/Washer Switch . . . . .	.8W-53-4
G300 . . . . .	.8W-53-5	Vehicle Information Center/ Graphic Display Module . . . . .	.8W-53-5
Intermittent Wiper Relay . . . . .	.8W-53-3	Windshield Washer Pump Motor. . . . .	.8W-53-2
Intermittent Wiper Switch . . . . .	.8W-53-2, 3	Windshield Wiper Motor . . . . .	.8W-53-2, 3
Junction Block . . . . .	.8W-53-2, 4	Wiper Fluid Level Sensor . . . . .	.8W-53-5
Liftgate Ajar Switch . . . . .	.8W-53-5		







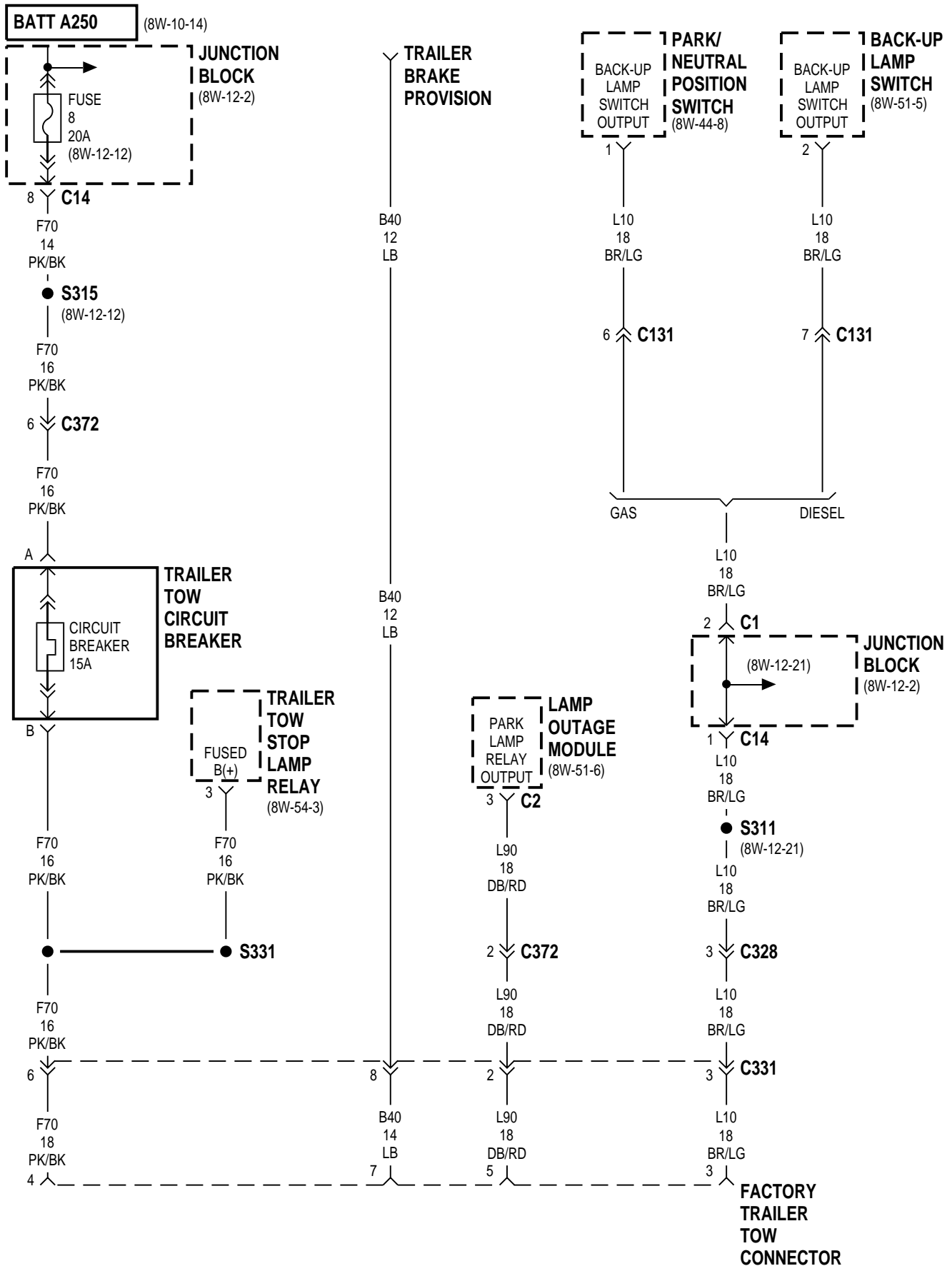


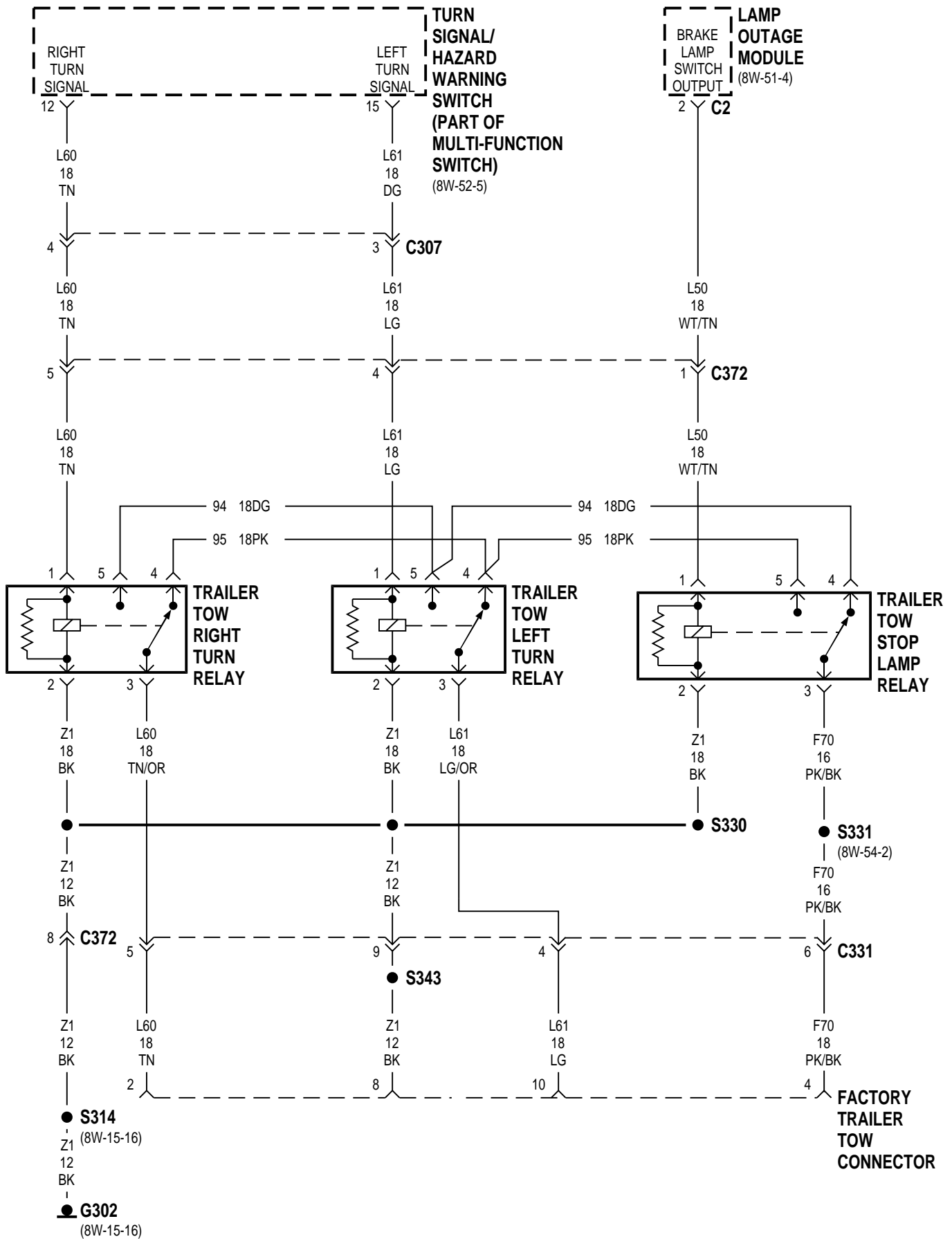


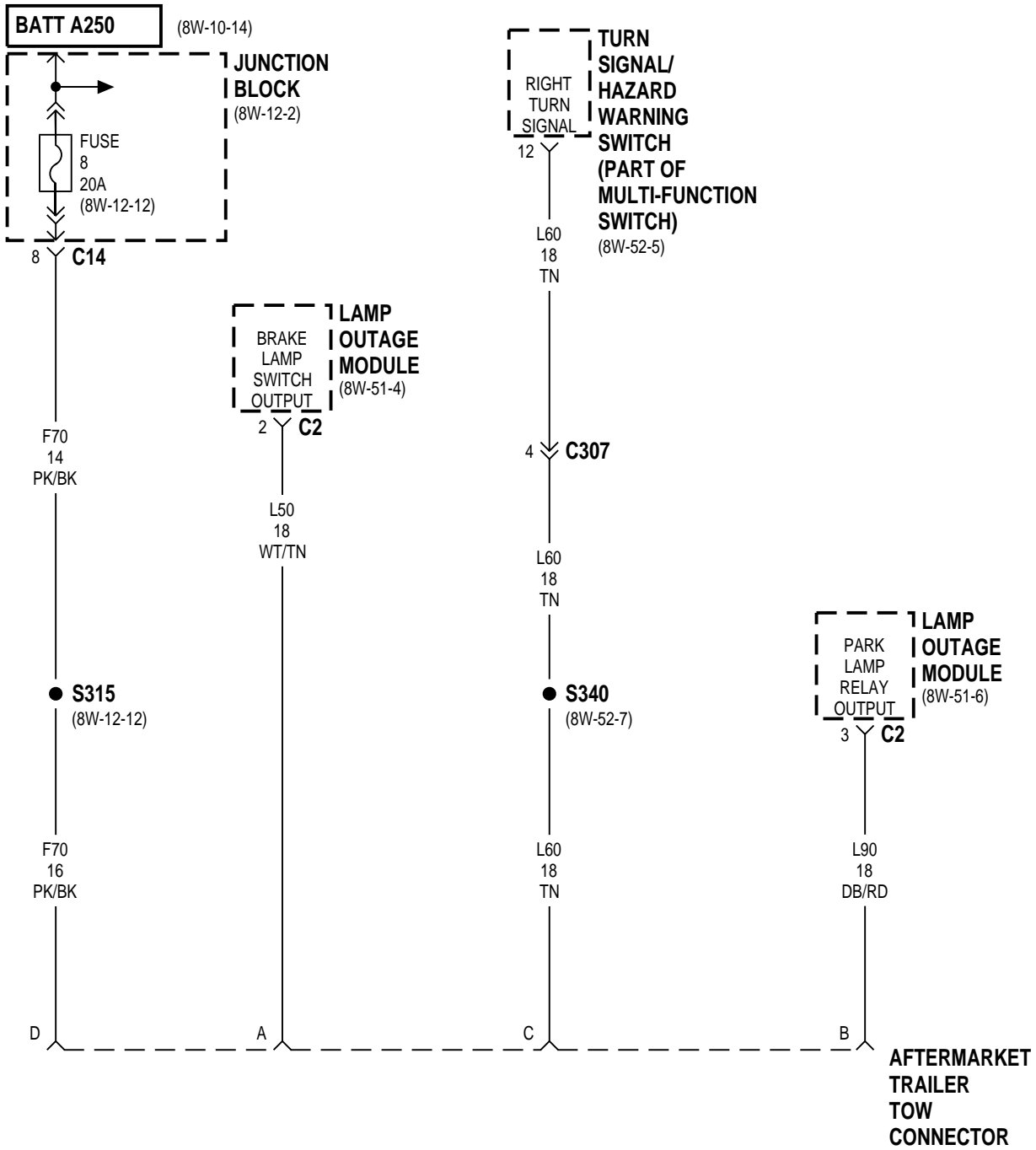


## 8W-54 TRAILER TOW

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Aftermarket Trailer Tow Connector . . . . .	8W-54-4	Park/Neutral Position Switch . . . . .	8W-54-2
Back-Up Lamp Switch . . . . .	8W-54-2	Trailer Brake Provision. . . . .	8W-54-2
Factory Trailer Tow Connector . . . . .	8W-54-2, 3	Trailer Tow Circuit Breaker . . . . .	8W-54-2
Fuse 8 (JB) . . . . .	8W-54-2, 4	Trailer Tow Left Turn Relay . . . . .	8W-54-3
G302 . . . . .	8W-54-3	Trailer Tow Right Turn Relay . . . . .	8W-54-3
Junction Block . . . . .	8W-54-2, 4	Trailer Tow Stop Lamp Relay . . . . .	8W-54-2, 3
Lamp Outage Module . . . . .	8W-54-2, 3, 4	Turn Signal/Hazard Warning Switch . . . .	8W-54-3, 4

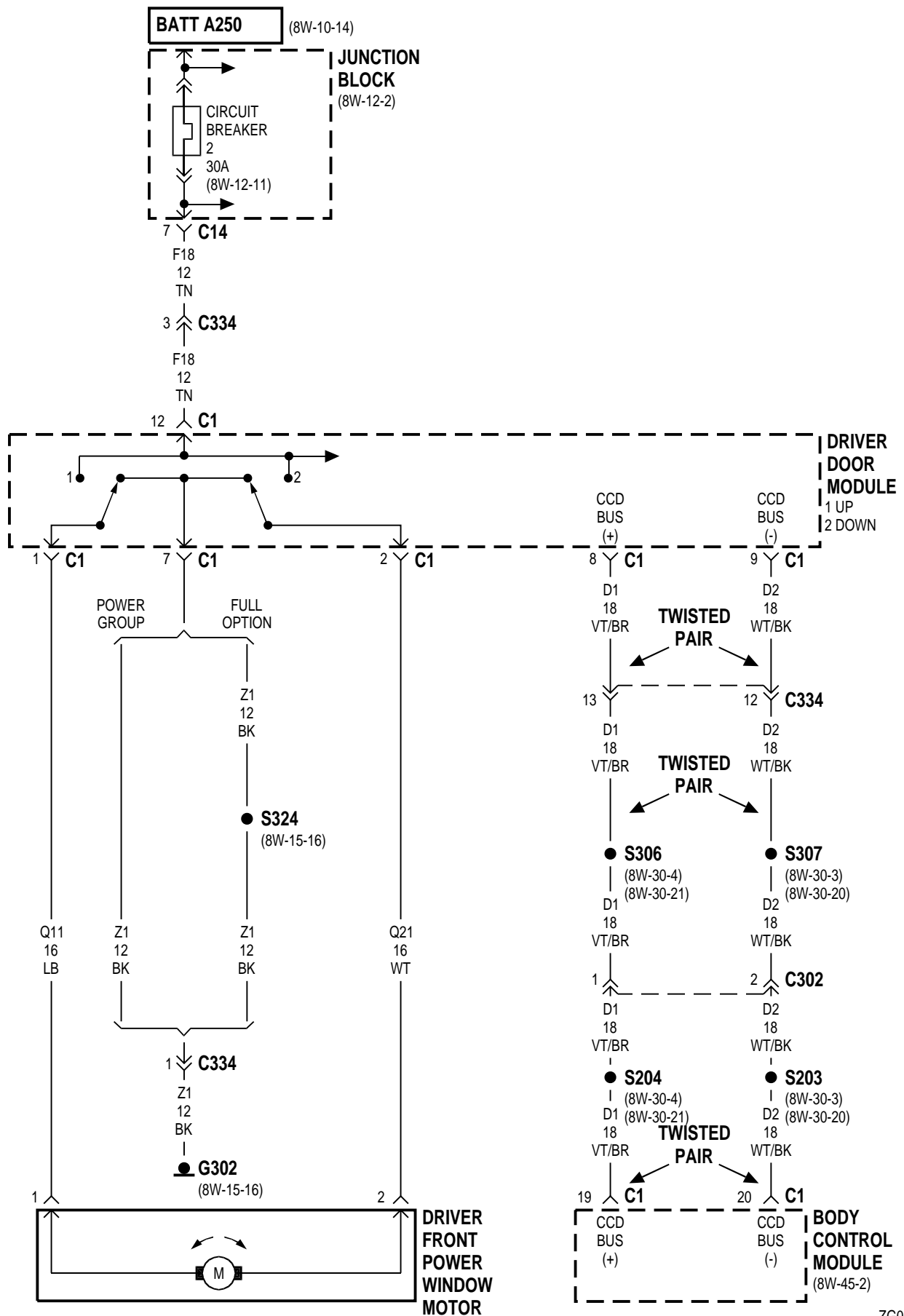




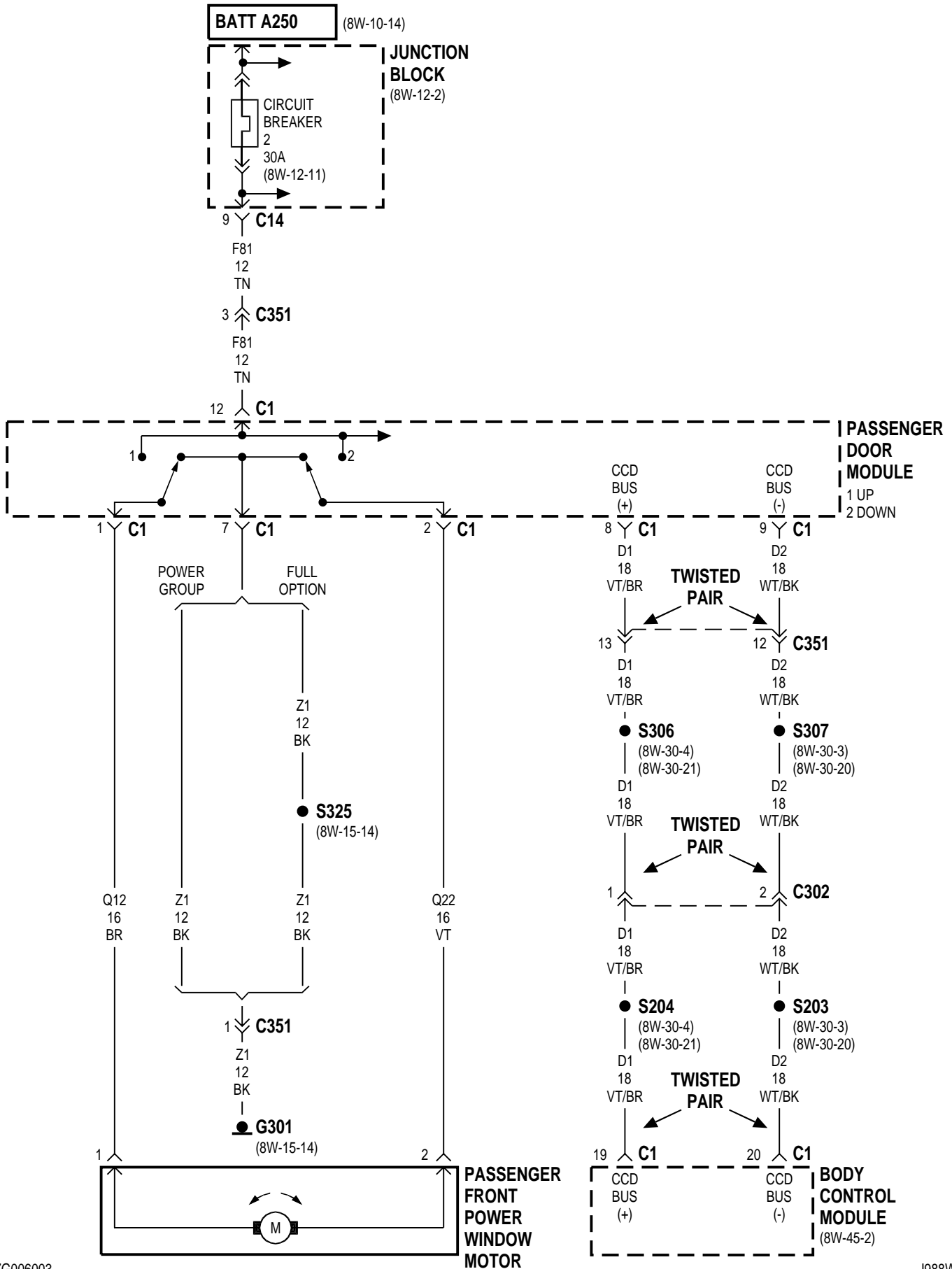


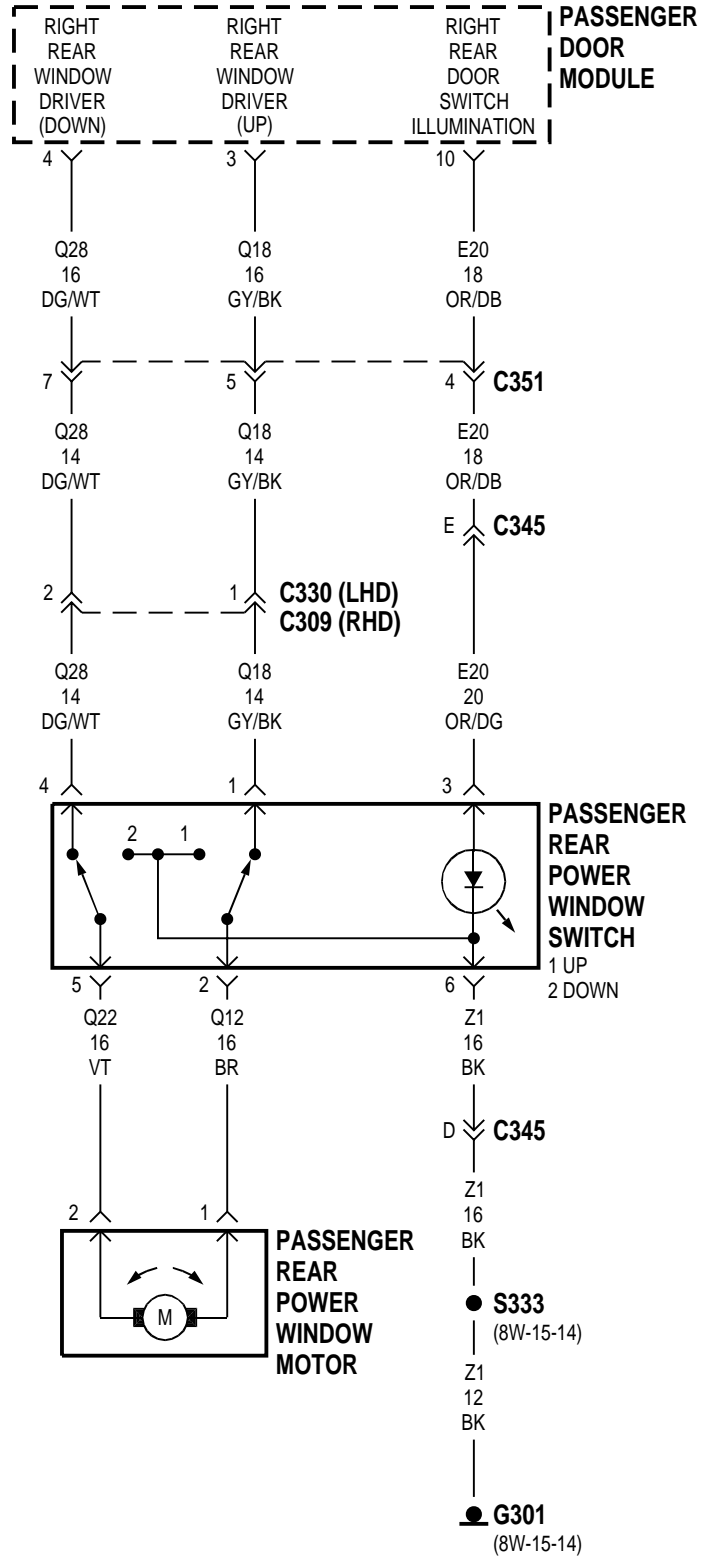
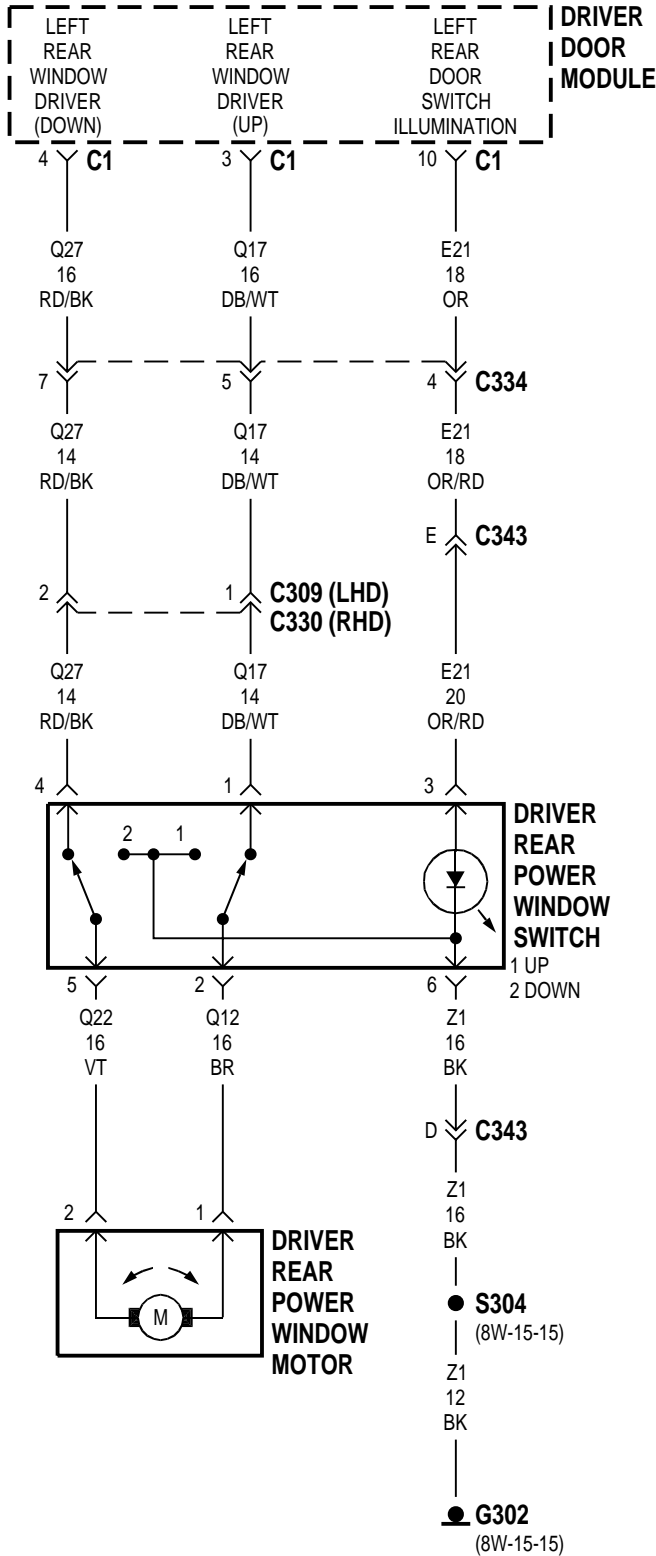
## 8W-60 POWER WINDOWS

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Body Control Module . . . . .	.8W-60-2, 3	G302 . . . . .	.8W-60-2, 4
Circuit Breaker 2 . . . . .	.8W-60-2, 3	Junction Block . . . . .	.8W-60-2, 3
Driver Door Module . . . . .	.8W-60-2, 4	Passenger Door Module. . . . .	.8W-60-3, 4
Driver Front Power Window Motor. . . . .	.8W-60-2	Passenger Front Power Window Motor . . . .	.8W-60-3
Driver Rear Power Window Motor . . . . .	.8W-60-4	Passenger Rear Power Window Motor . . . .	.8W-60-4
Driver Rear Power Window Switch. . . . .	.8W-60-4	Passenger Rear Power Window Switch. . . .	.8W-60-4
G301 . . . . .	.8W-60-3, 4		



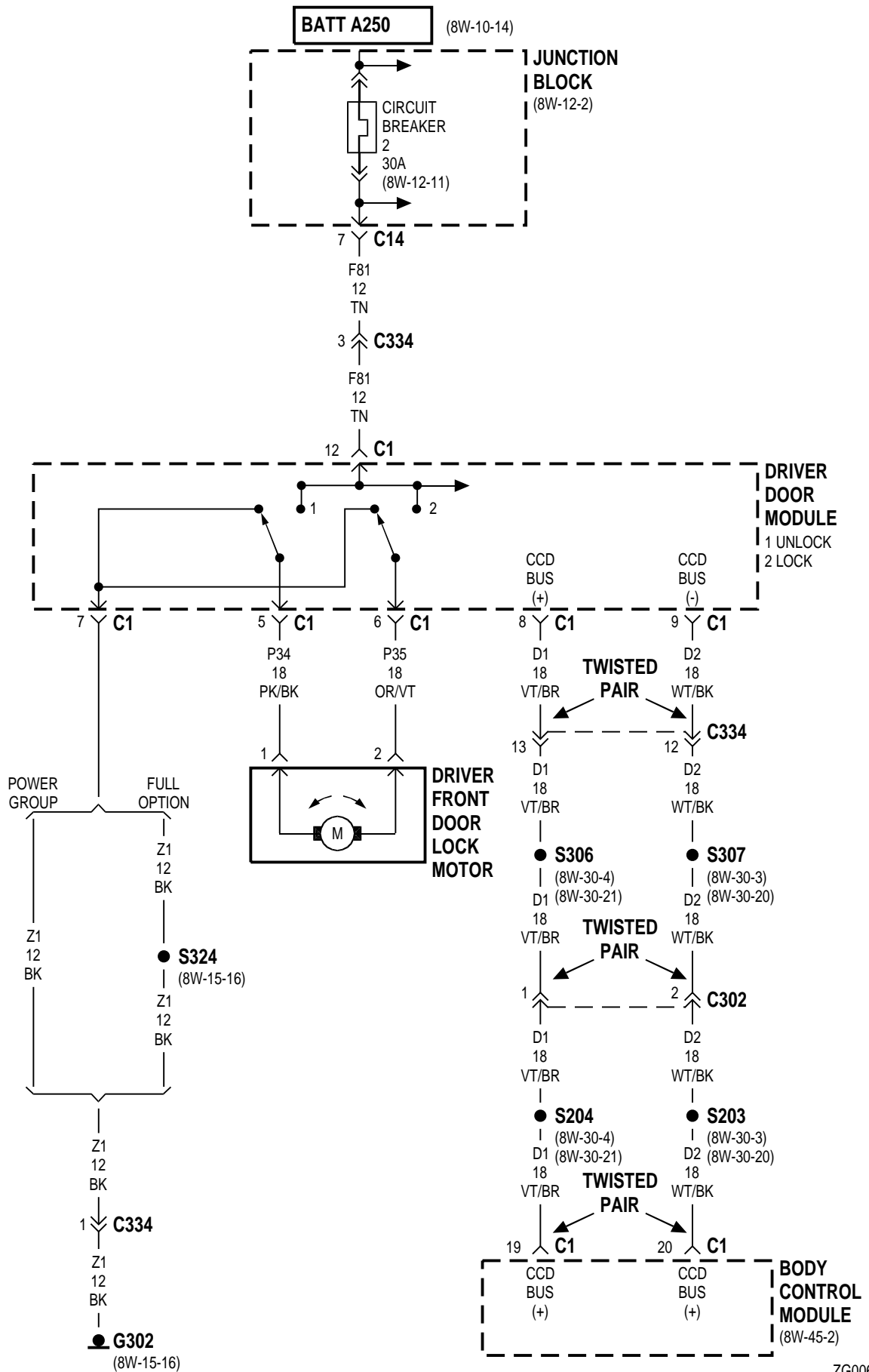


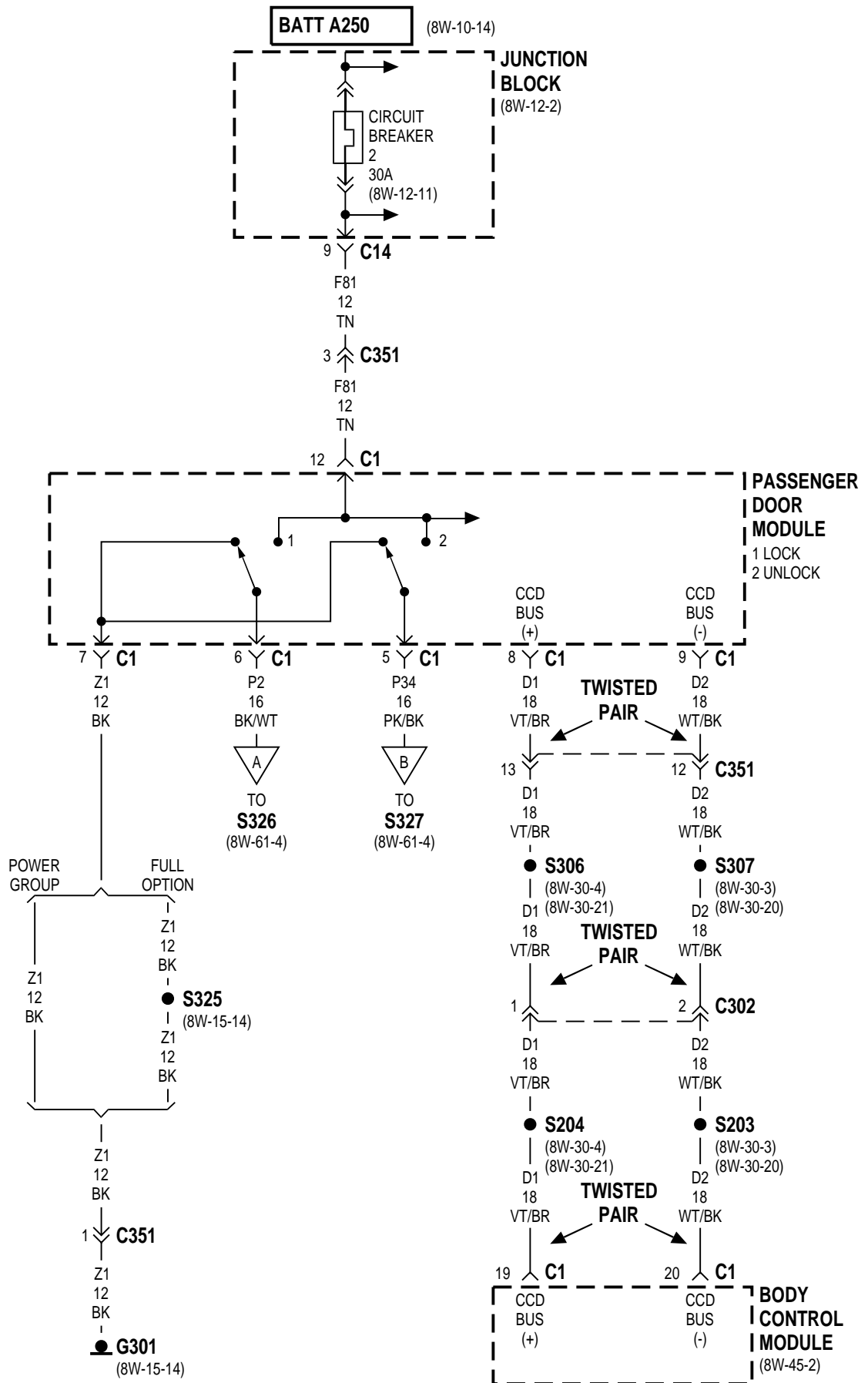


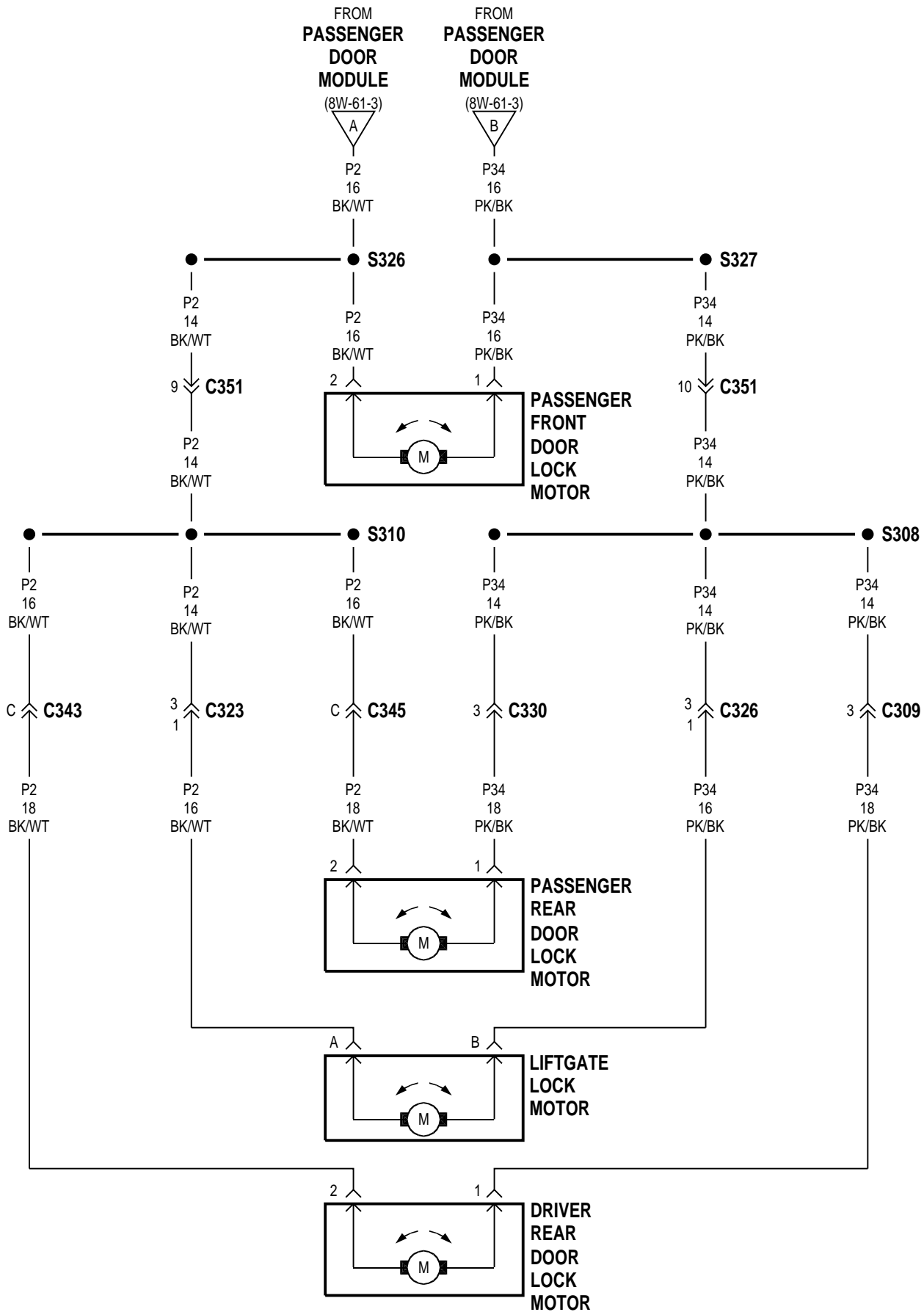


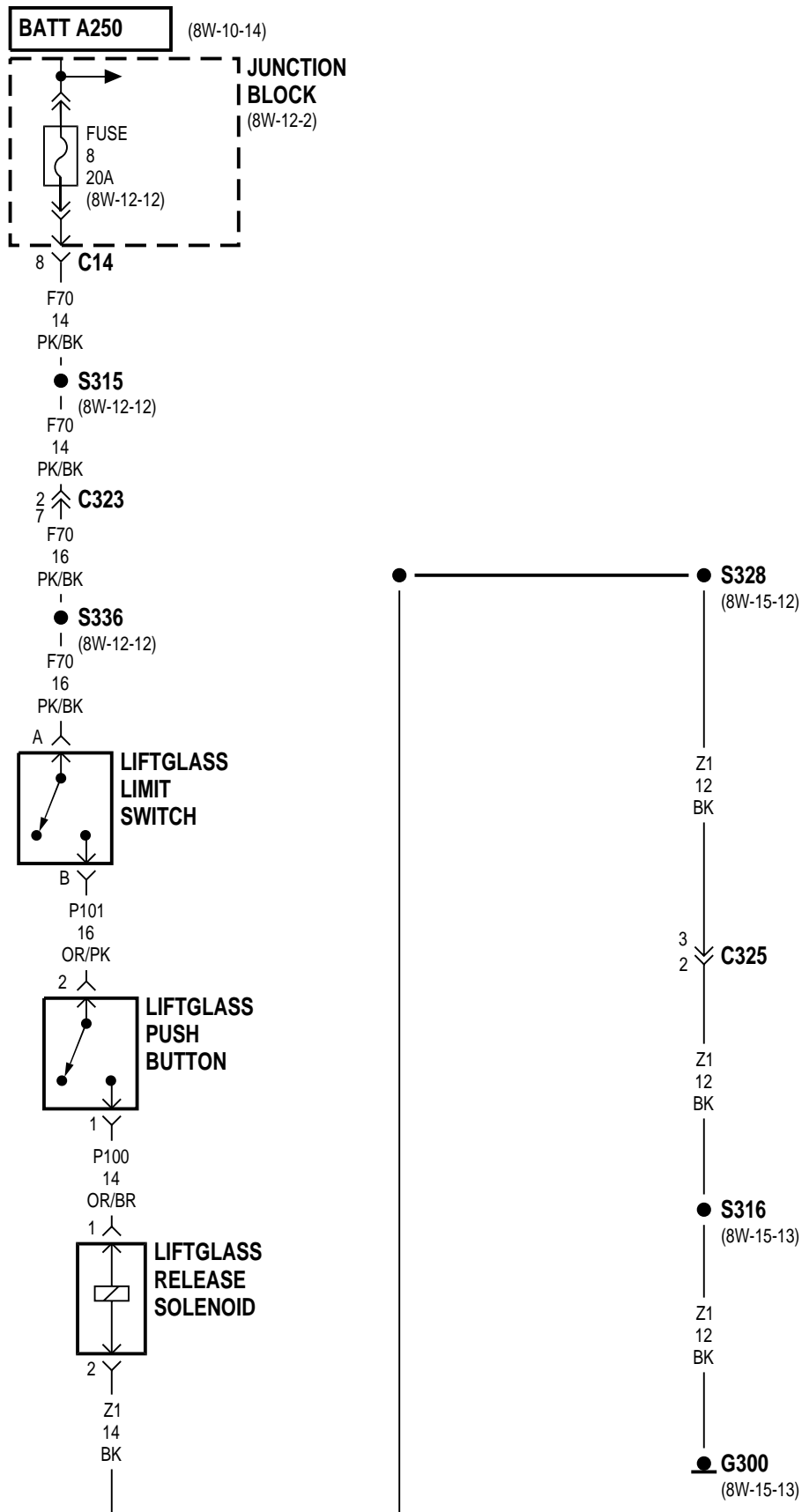
## 8W-61 POWER DOOR LOCKS

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Body Control Module . . . . .	.8W-61-2, 3	Junction Block . . . . .	.8W-61-2, 3, 5
Circuit Breaker 2 . . . . .	.8W-61-2, 3	Liftgate Lock Motor . . . . .	.8W-61-4
Driver Door Module . . . . .	.8W-61-2	Liftglass Limit Switch . . . . .	.8W-61-5
Driver Front Door Lock Motor . . . . .	.8W-61-2	Liftglass Push Button . . . . .	.8W-61-5
Driver Rear Door Lock Motor . . . . .	.8W-61-4	Liftglass Release Solenoid . . . . .	.8W-61-5
Fuse 8 (JB) . . . . .	.8W-61-5	Passenger Door Module . . . . .	.8W-61-3
G300 . . . . .	.8W-61-5	Passenger Front Door Lock Motor . . . . .	.8W-61-4
G301 . . . . .	.8W-61-3	Passenger Rear Door Lock Motor . . . . .	.8W-61-4
G302 . . . . .	.8W-61-2		







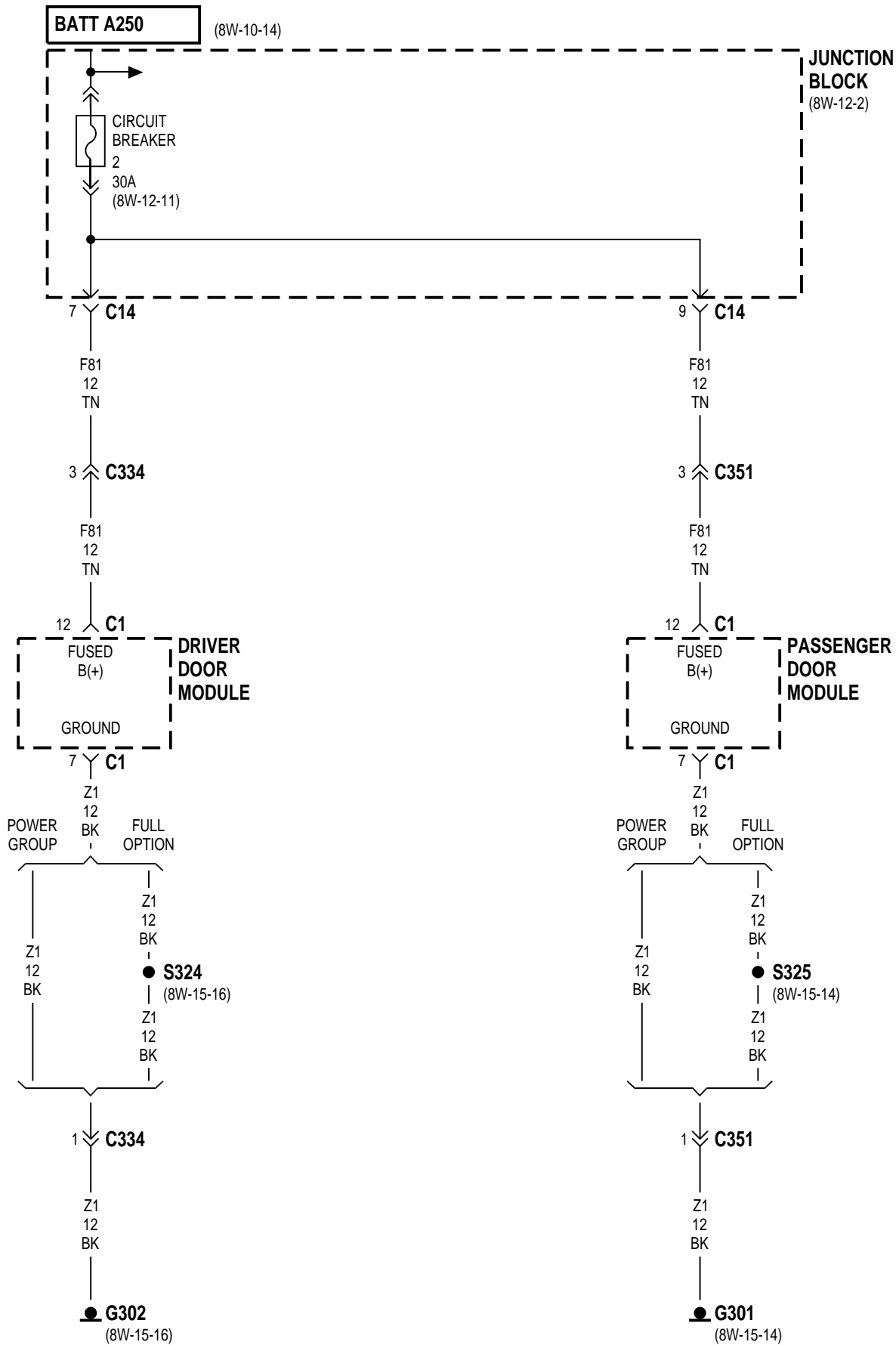


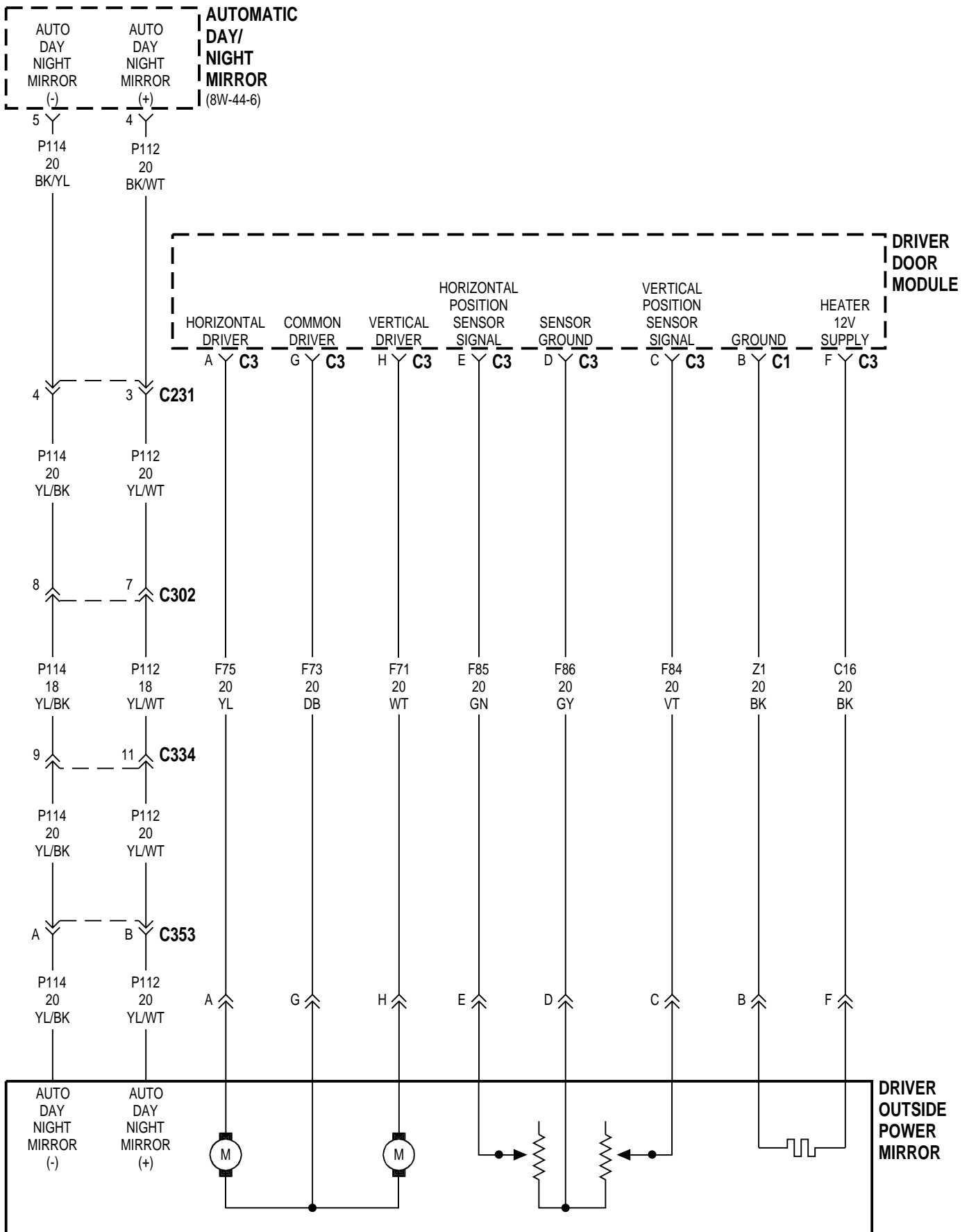


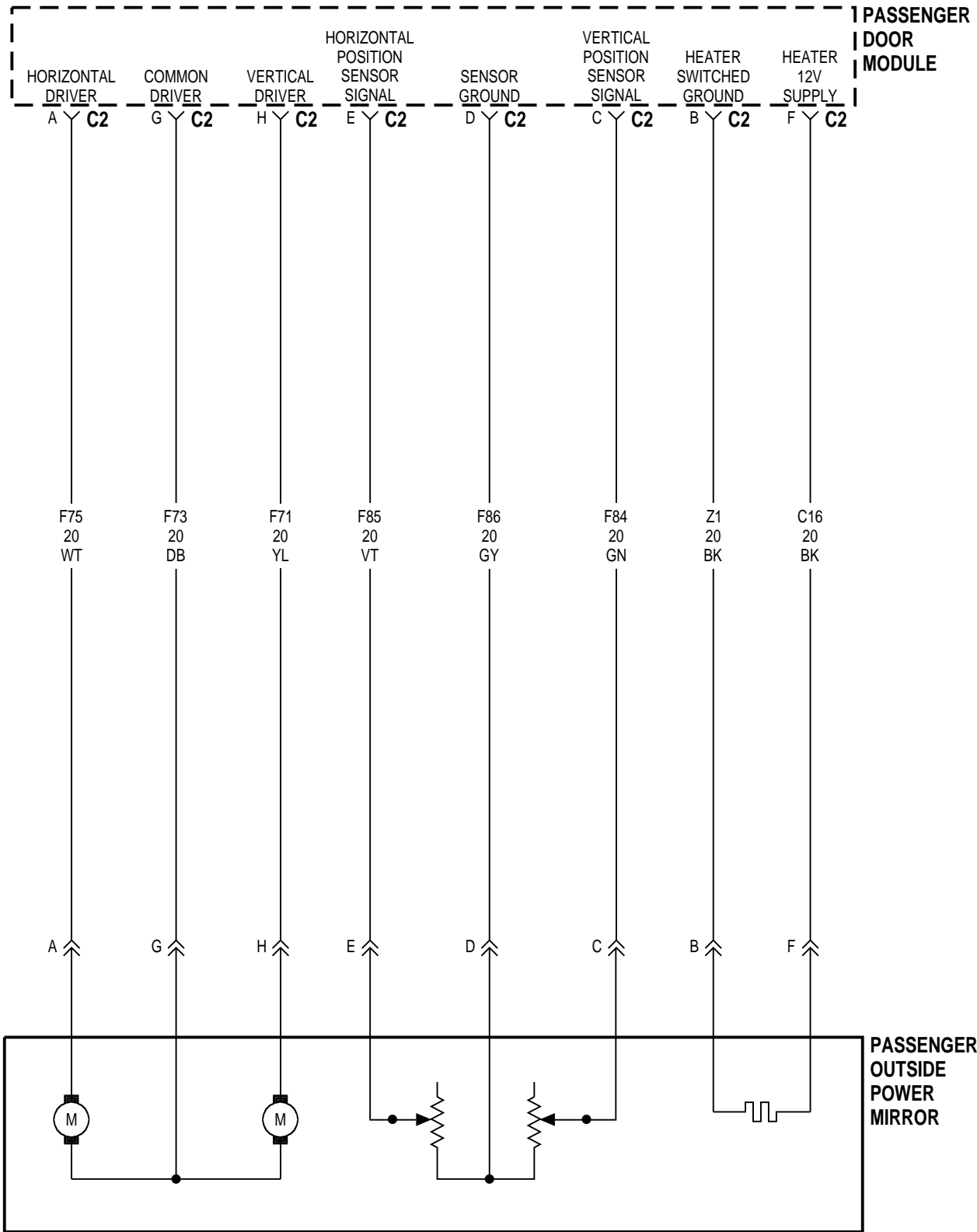


## 8W-62 POWER MIRRORS

<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
Automatic Day/Night Mirror . . . . .	8W-62-3	G302 . . . . .	8W-62-2
Circuit Breaker 2 . . . . .	8W-62-2	Junction Block . . . . .	8W-62-2
Driver Door Module . . . . .	8W-62-2, 3	Passenger Door Module . . . . .	8W-62-2, 4
Driver Outside Power Mirror . . . . .	8W-62-3	Passenger Outside Power Mirror . . . . .	8W-62-4
G301 . . . . .	8W-62-2		

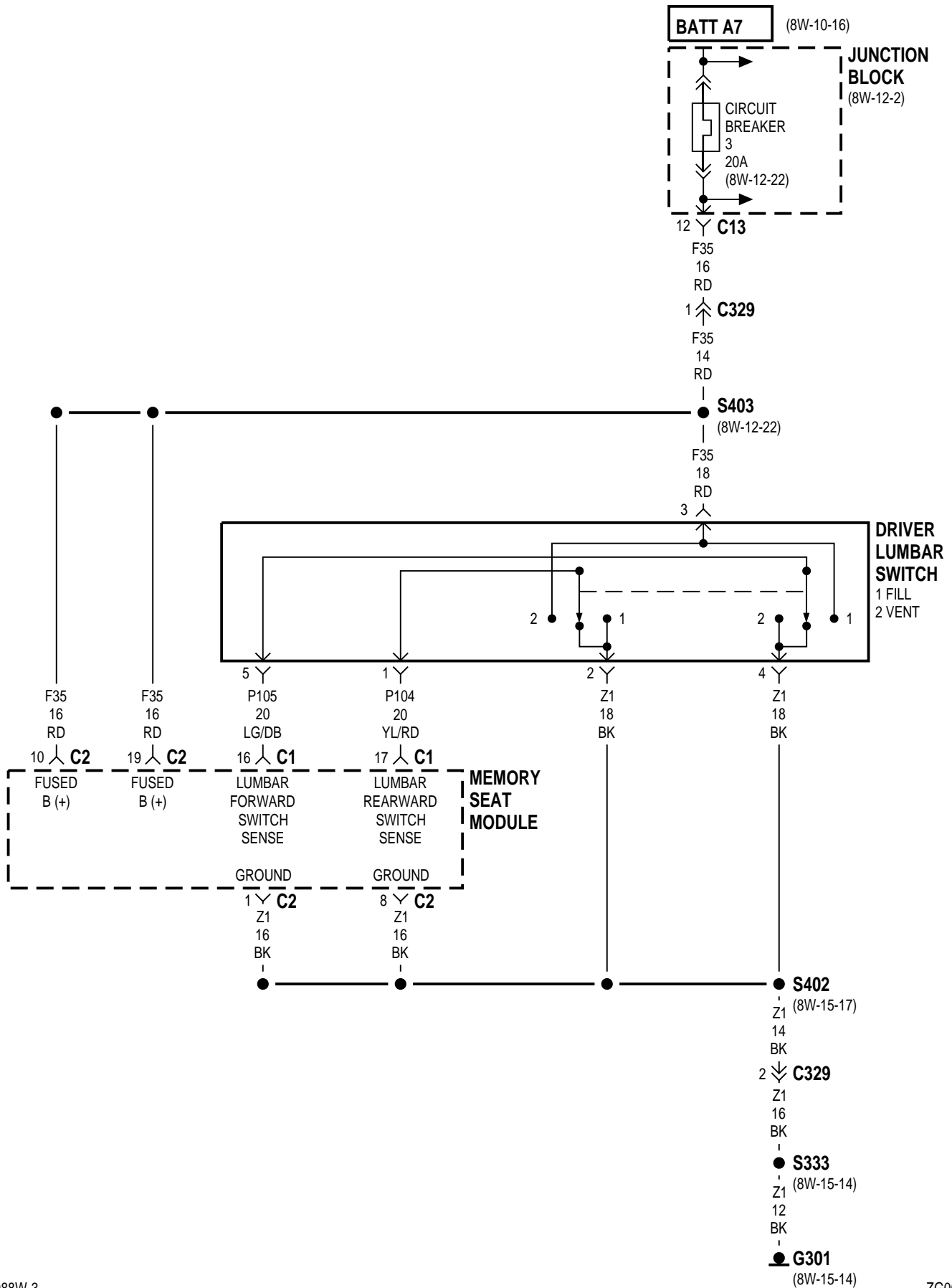


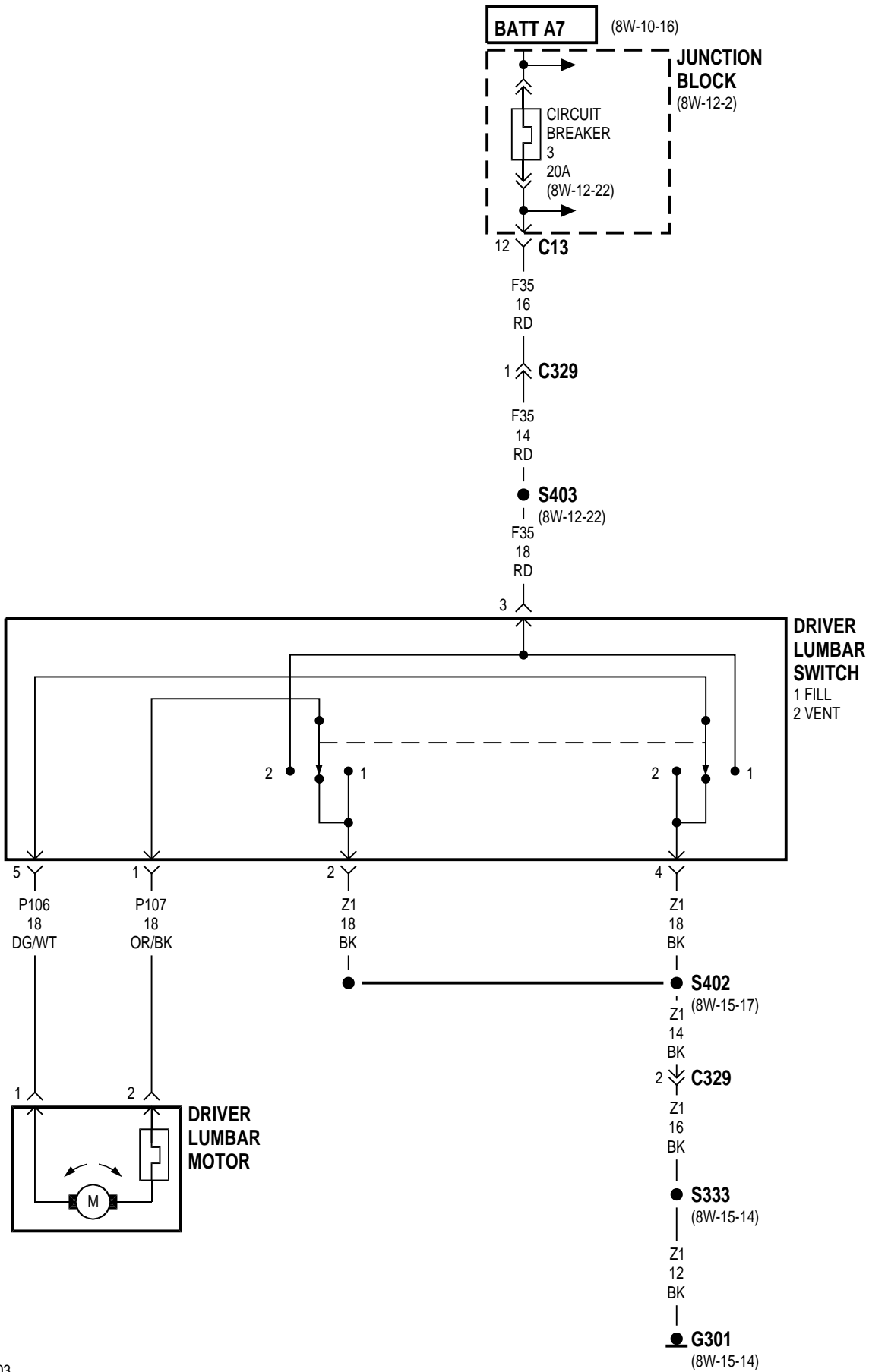


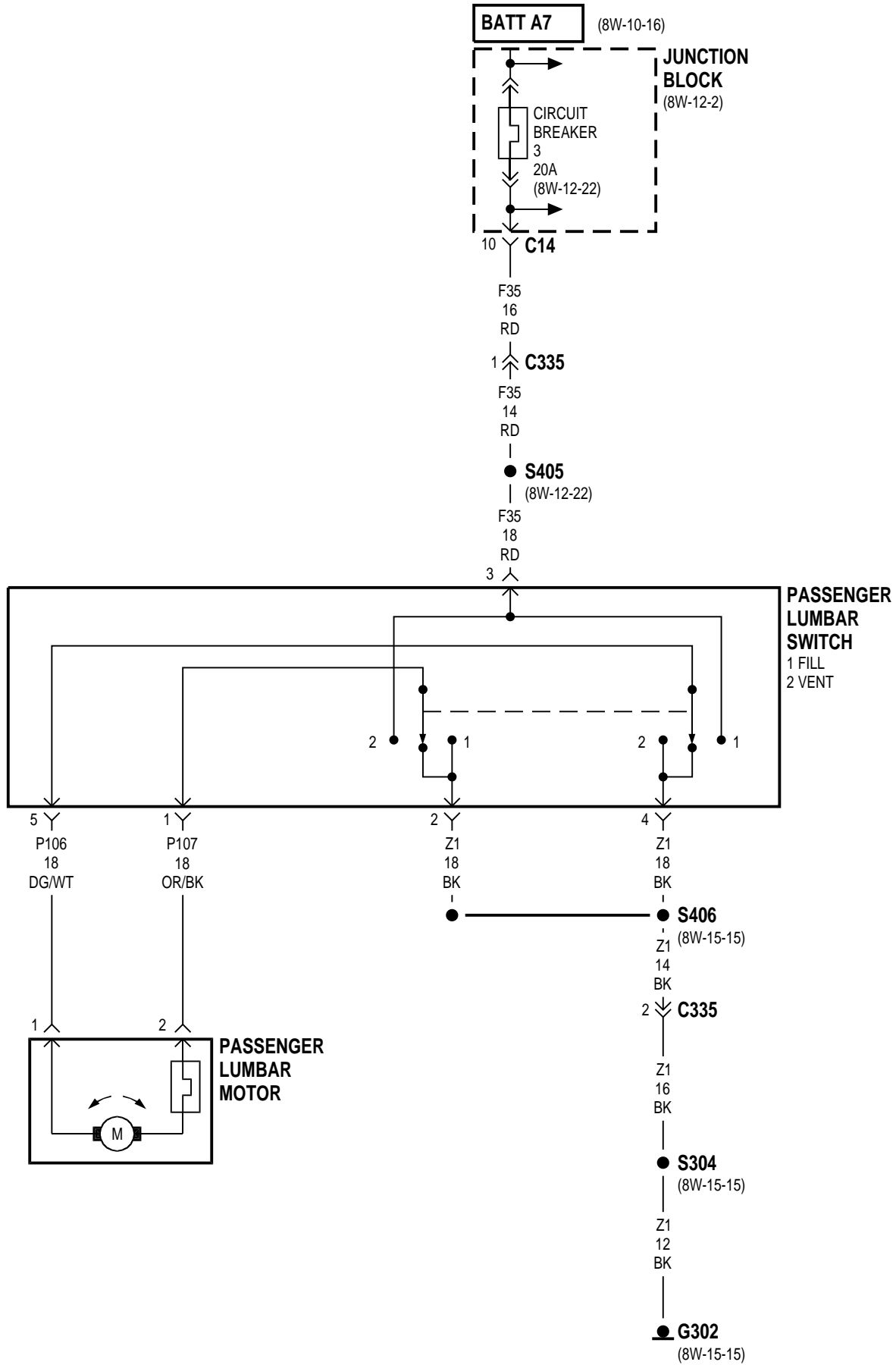


## 8W-63 POWER SEAT

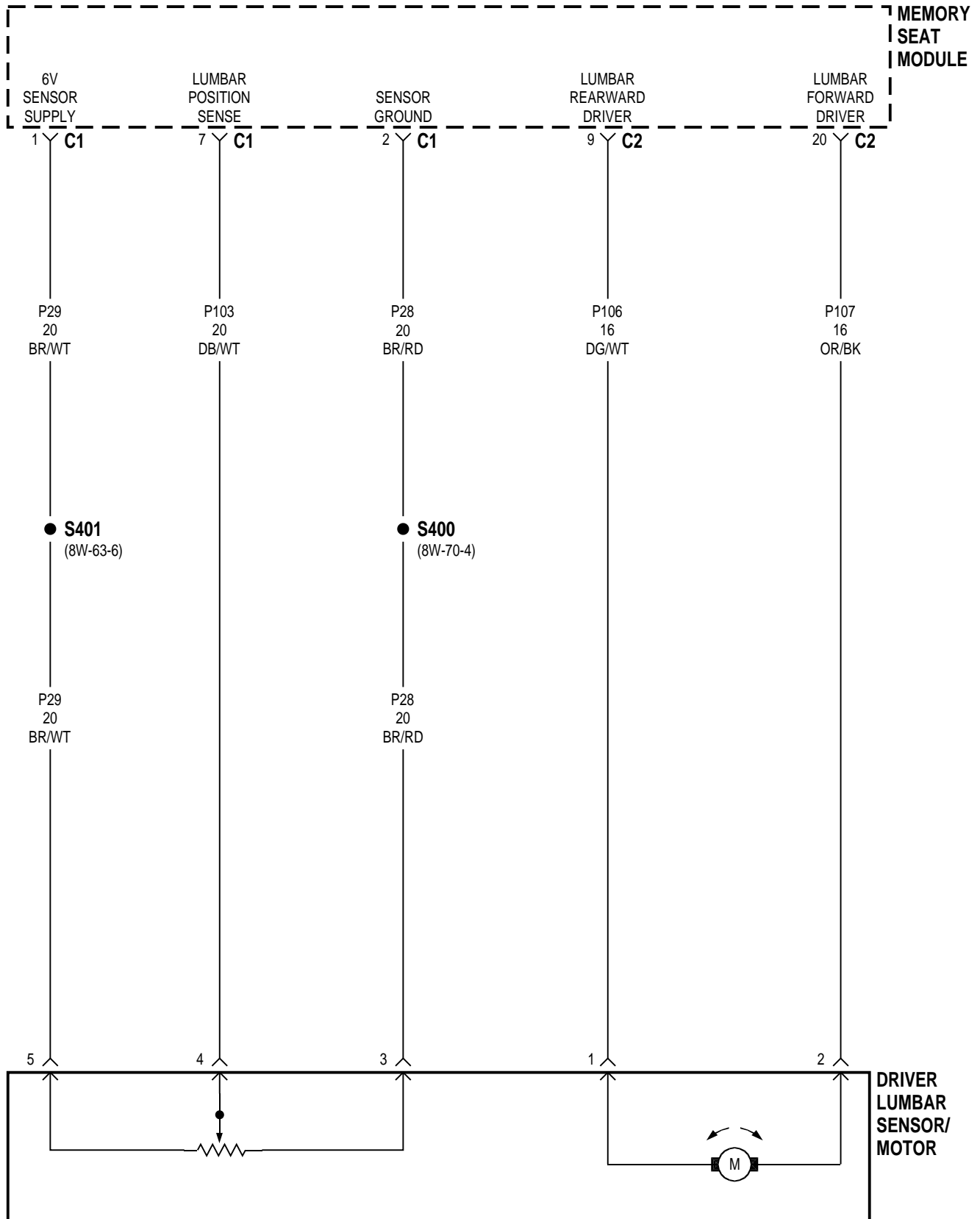
<b>Component</b>	<b>Page</b>	<b>Component</b>	<b>Page</b>
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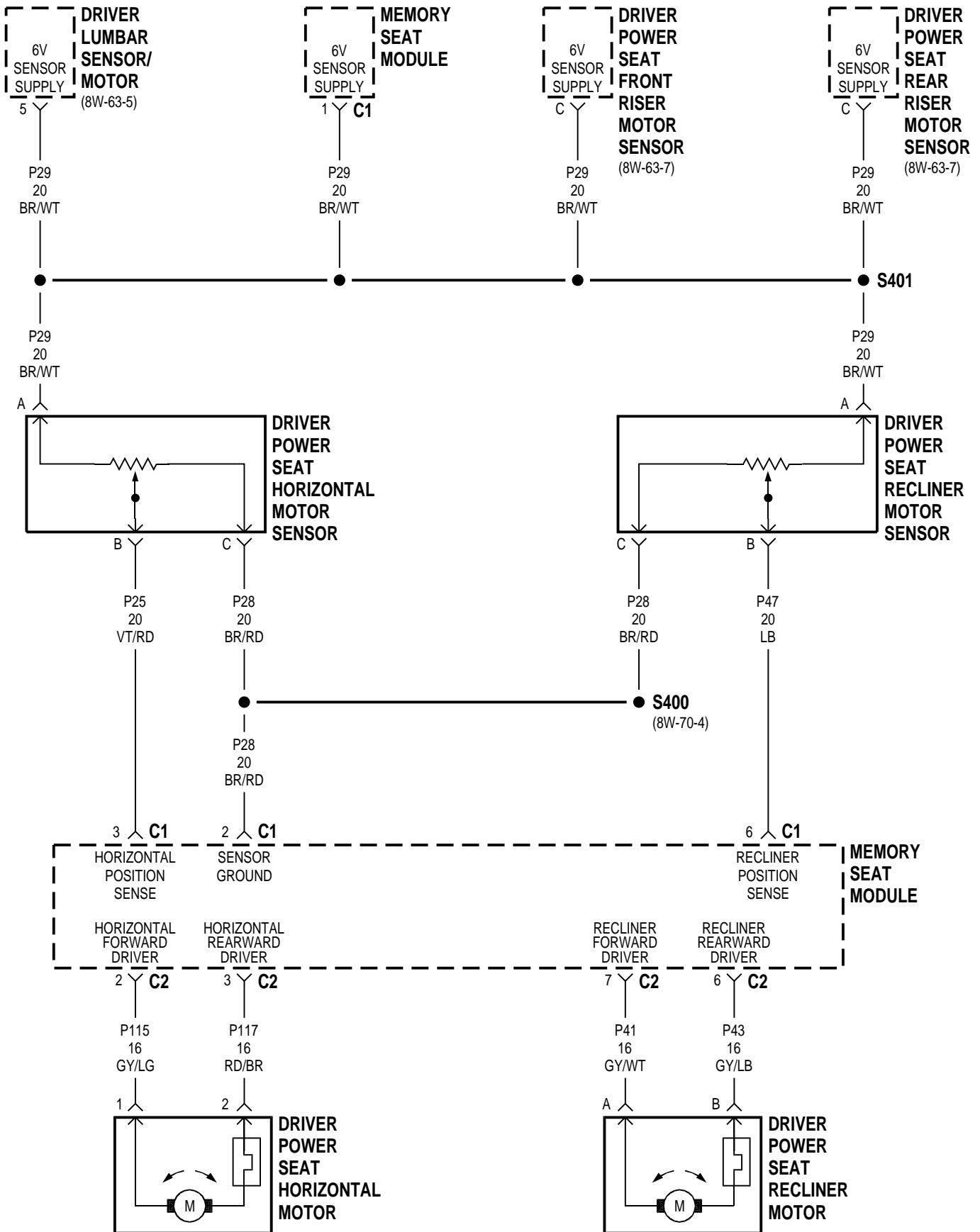


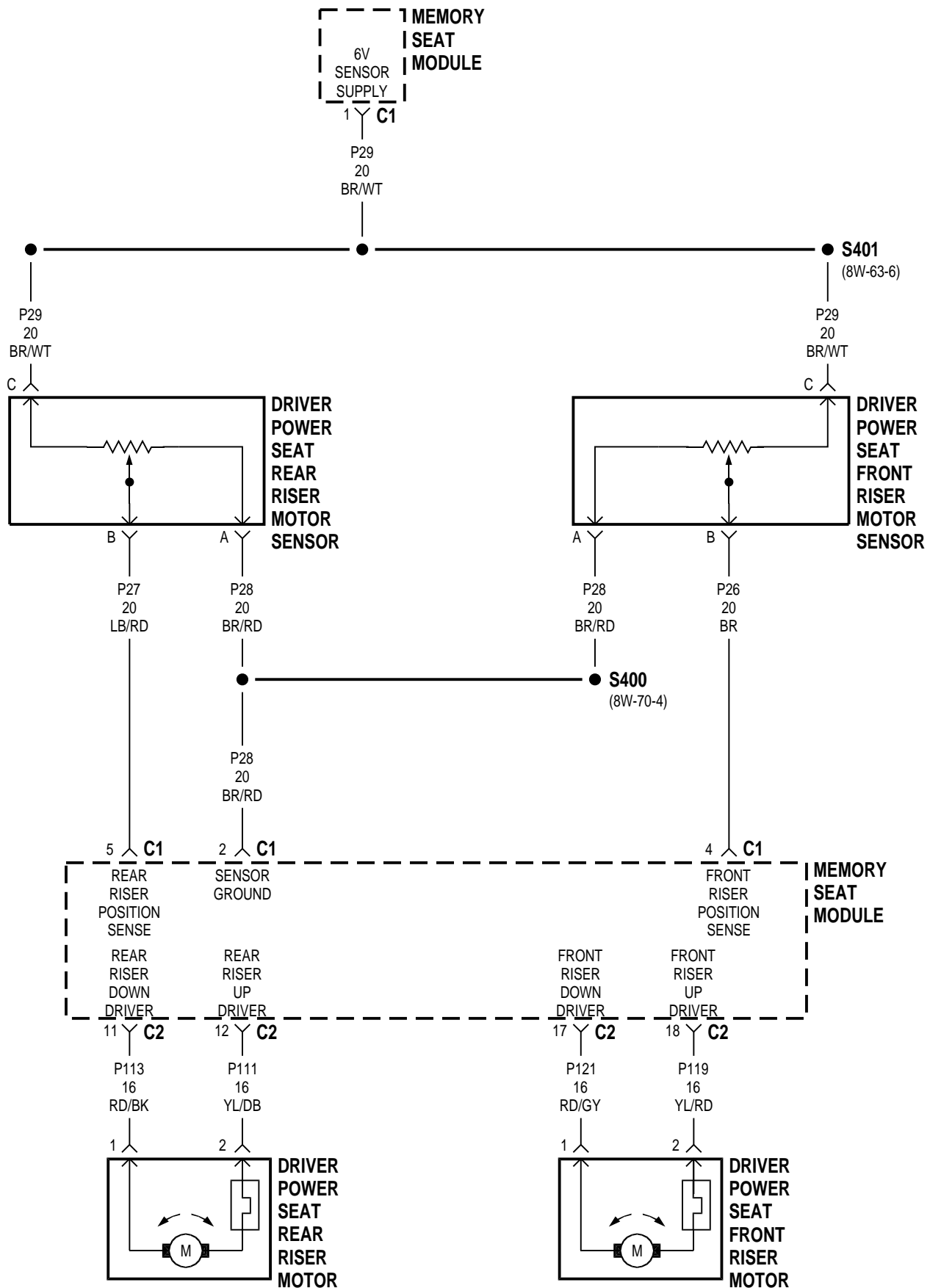


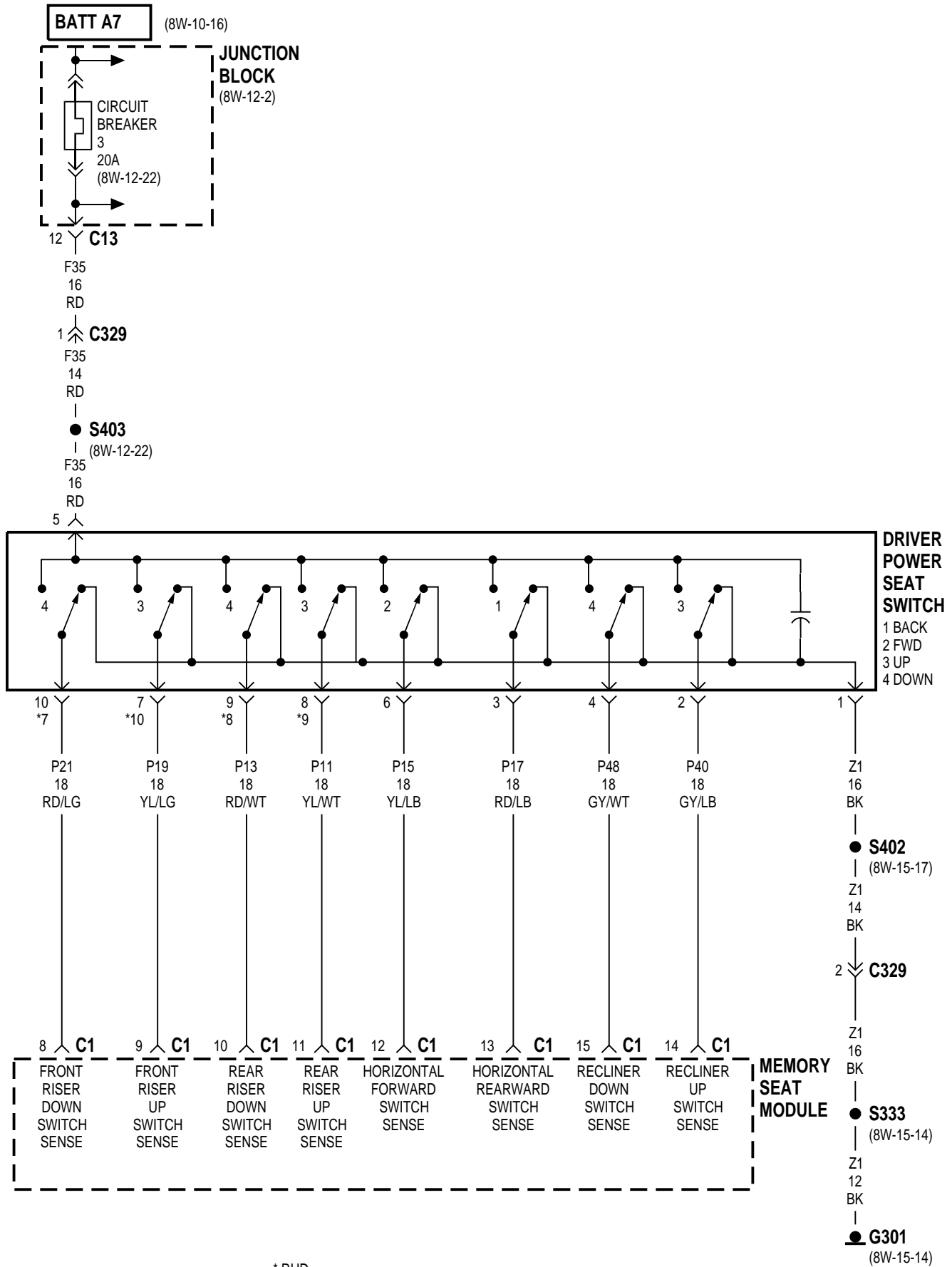




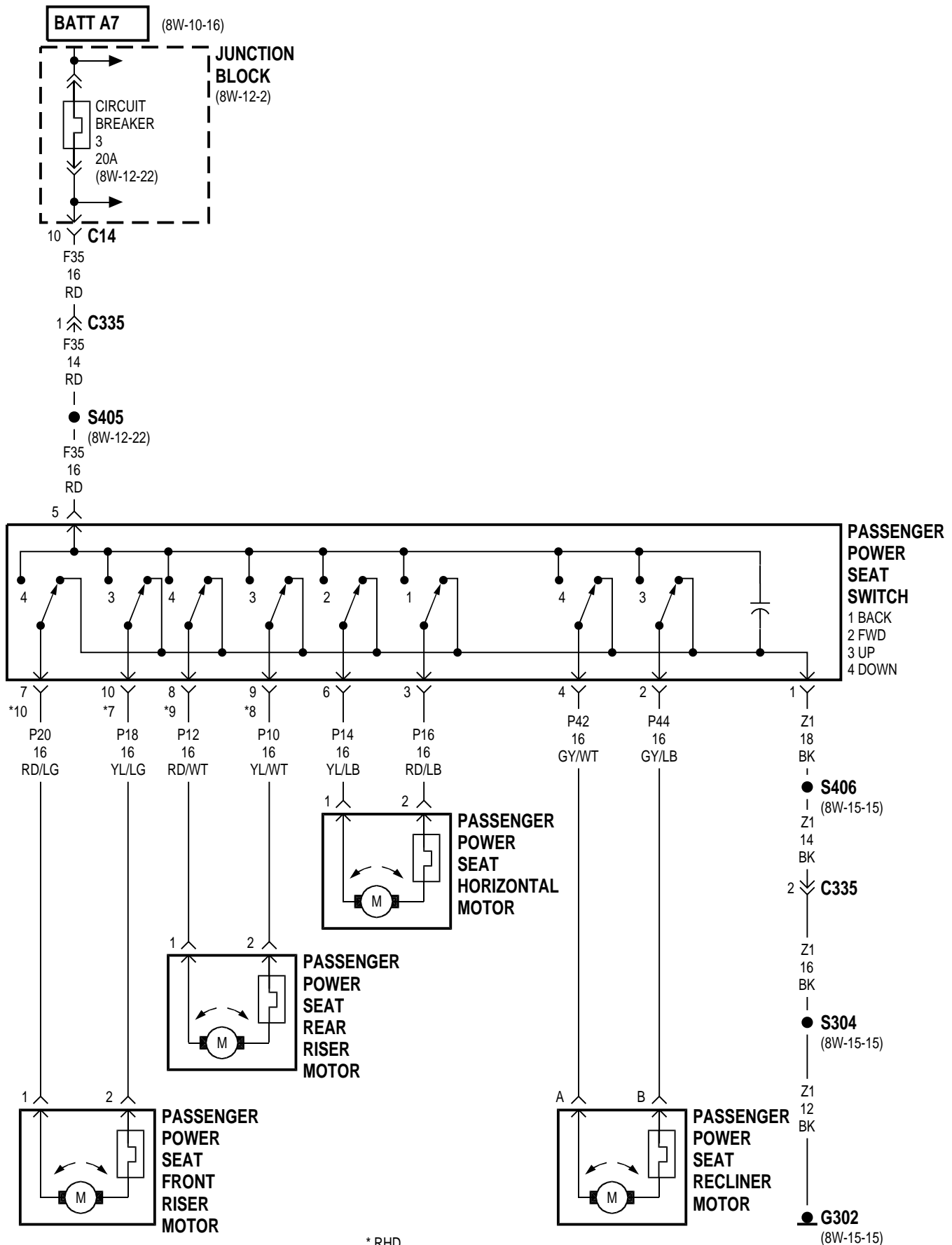




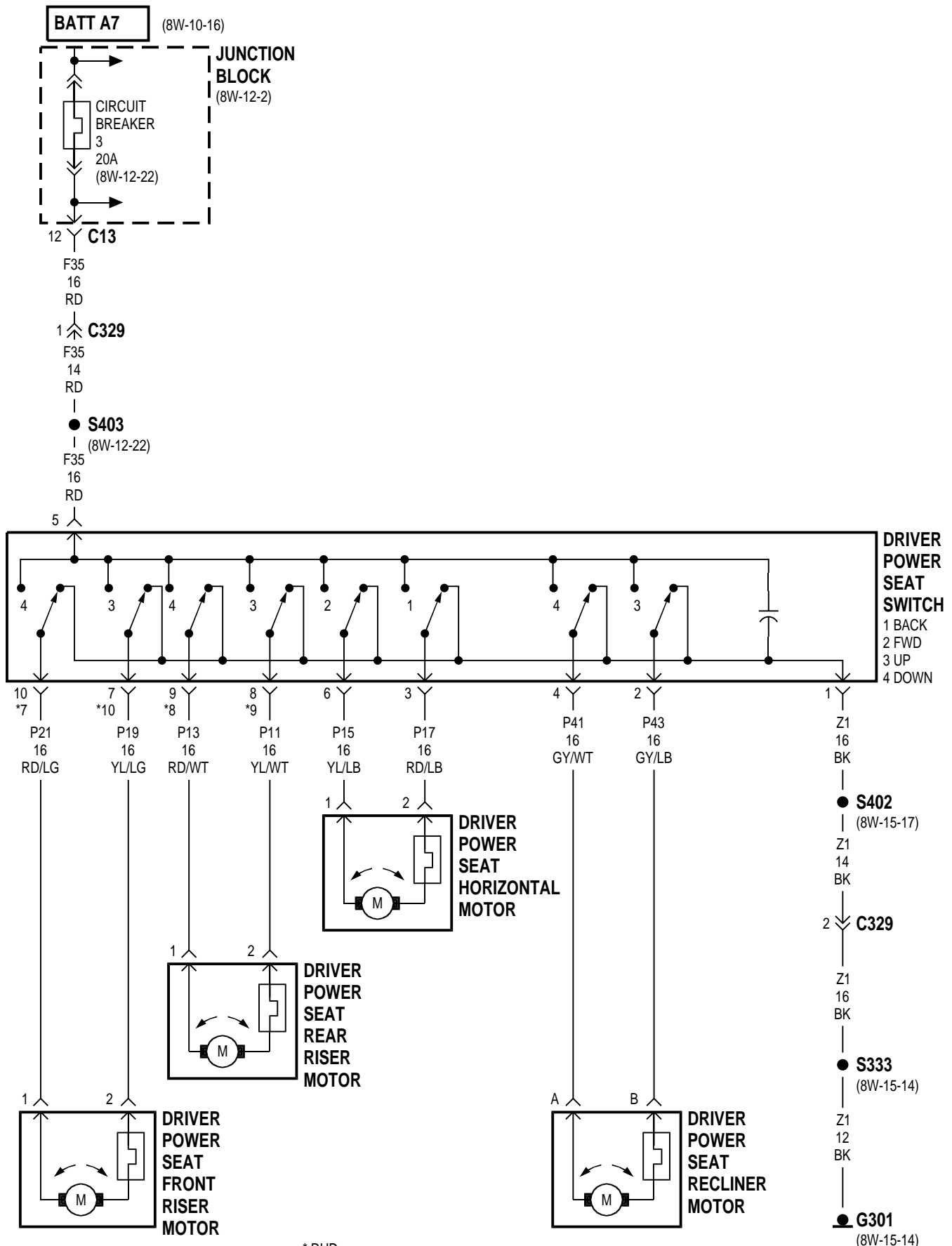


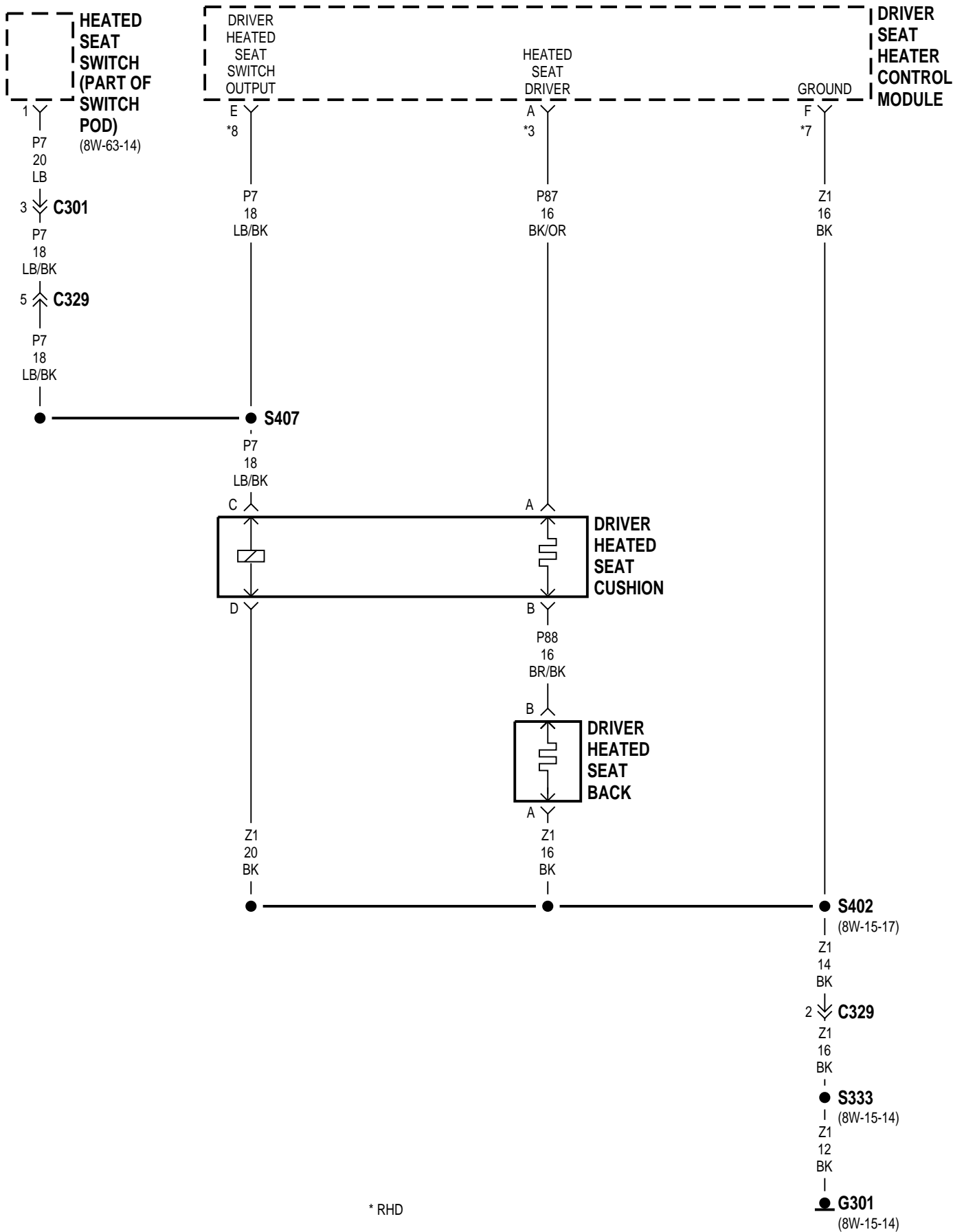


\* RHD

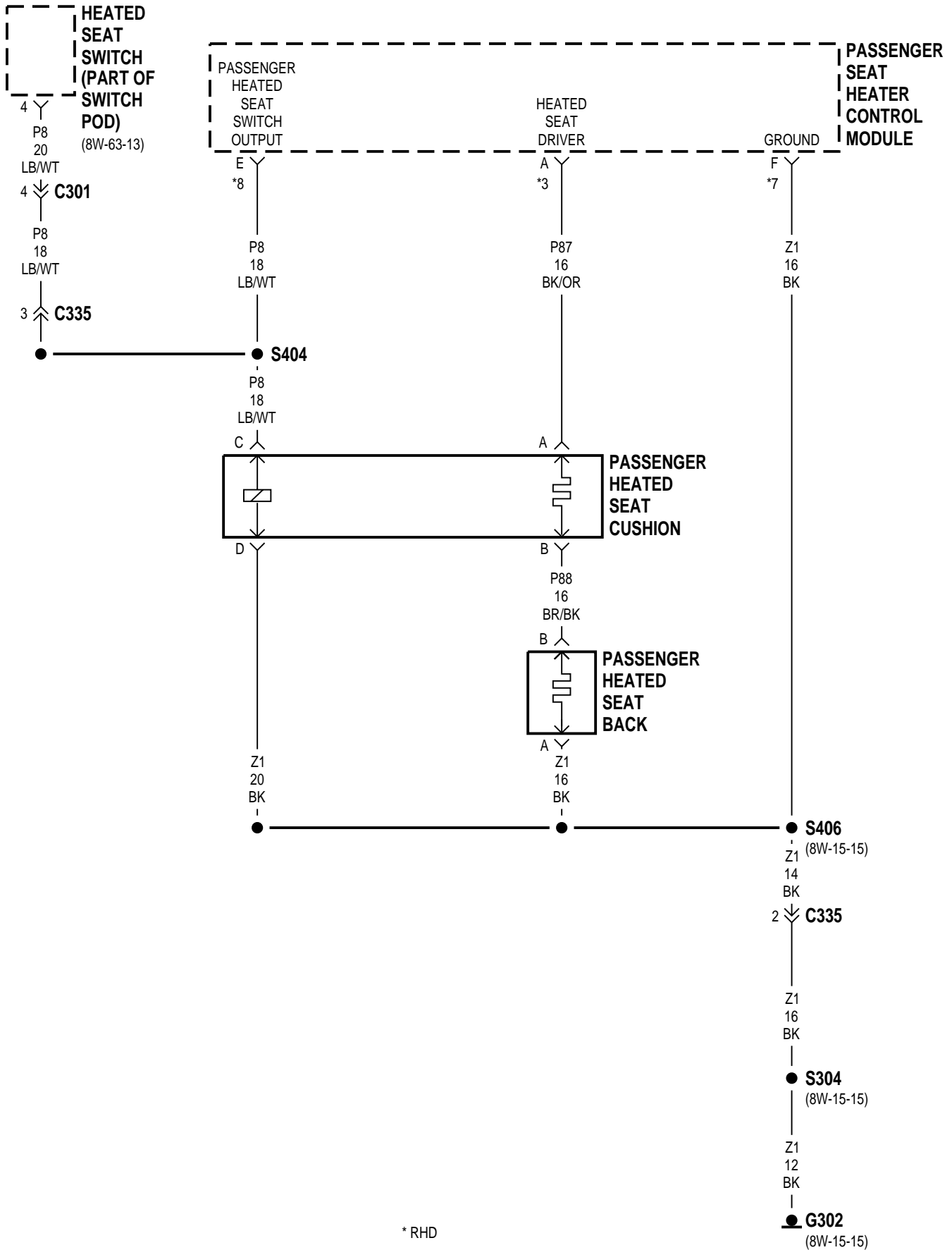


\* RHD



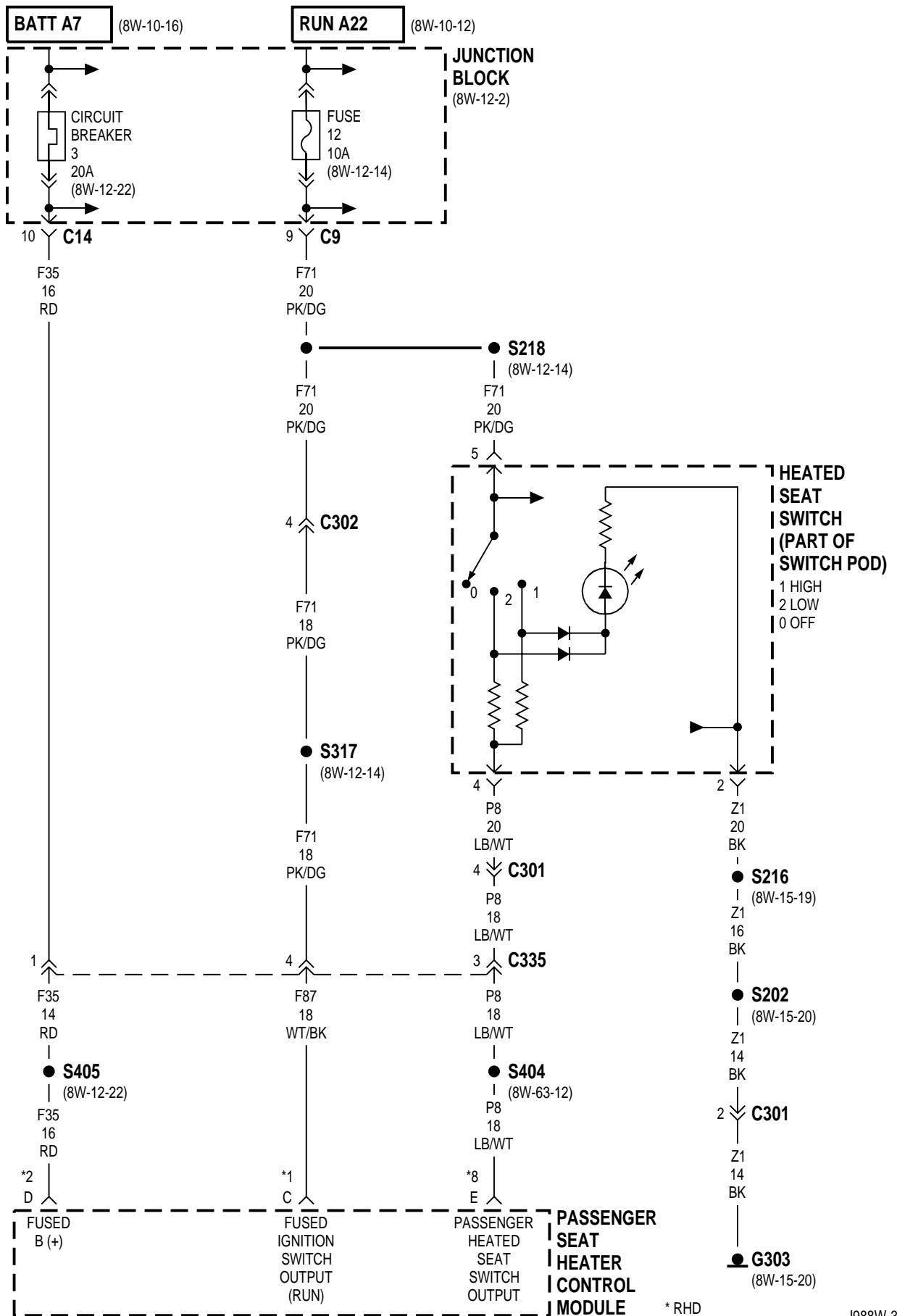


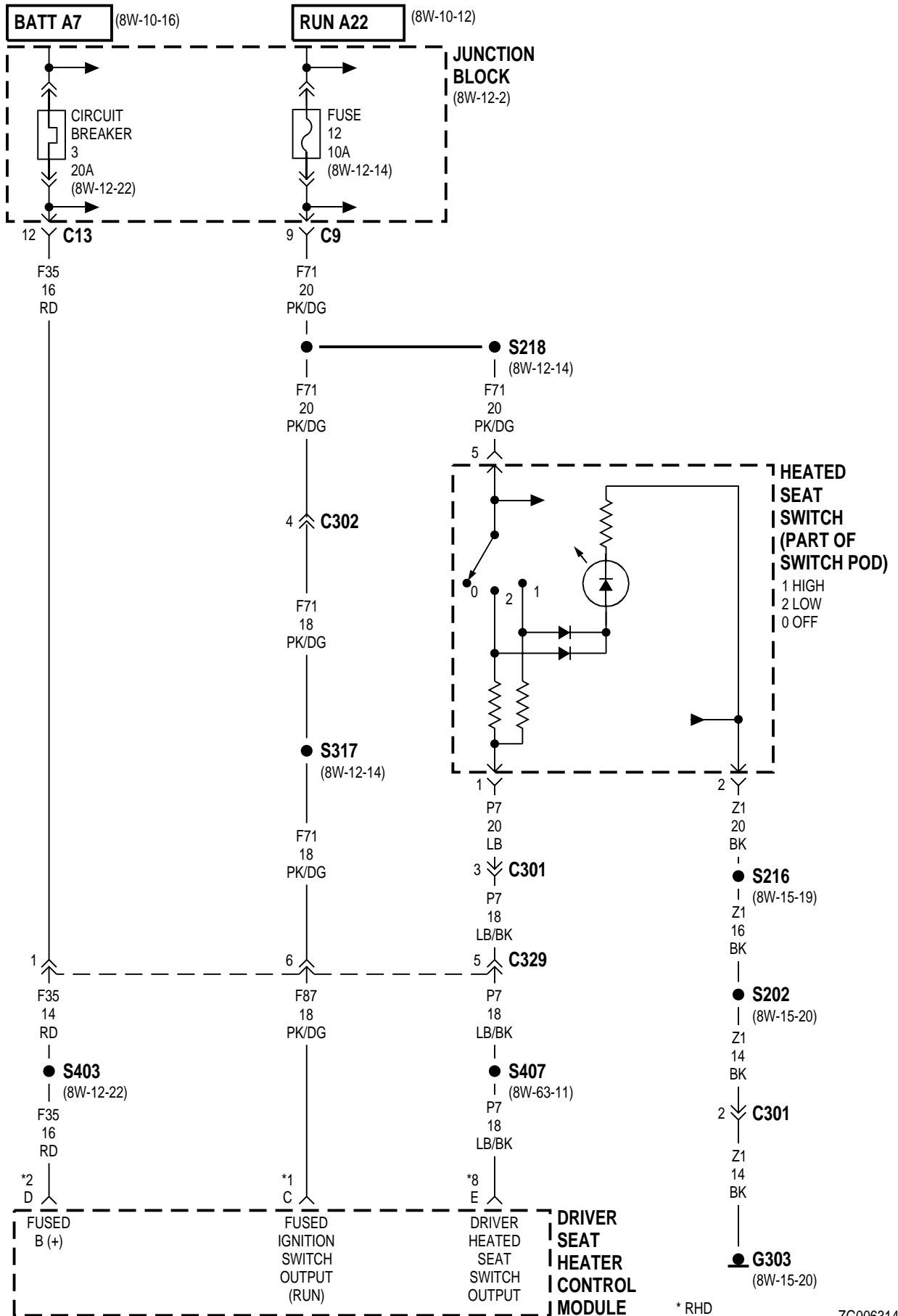
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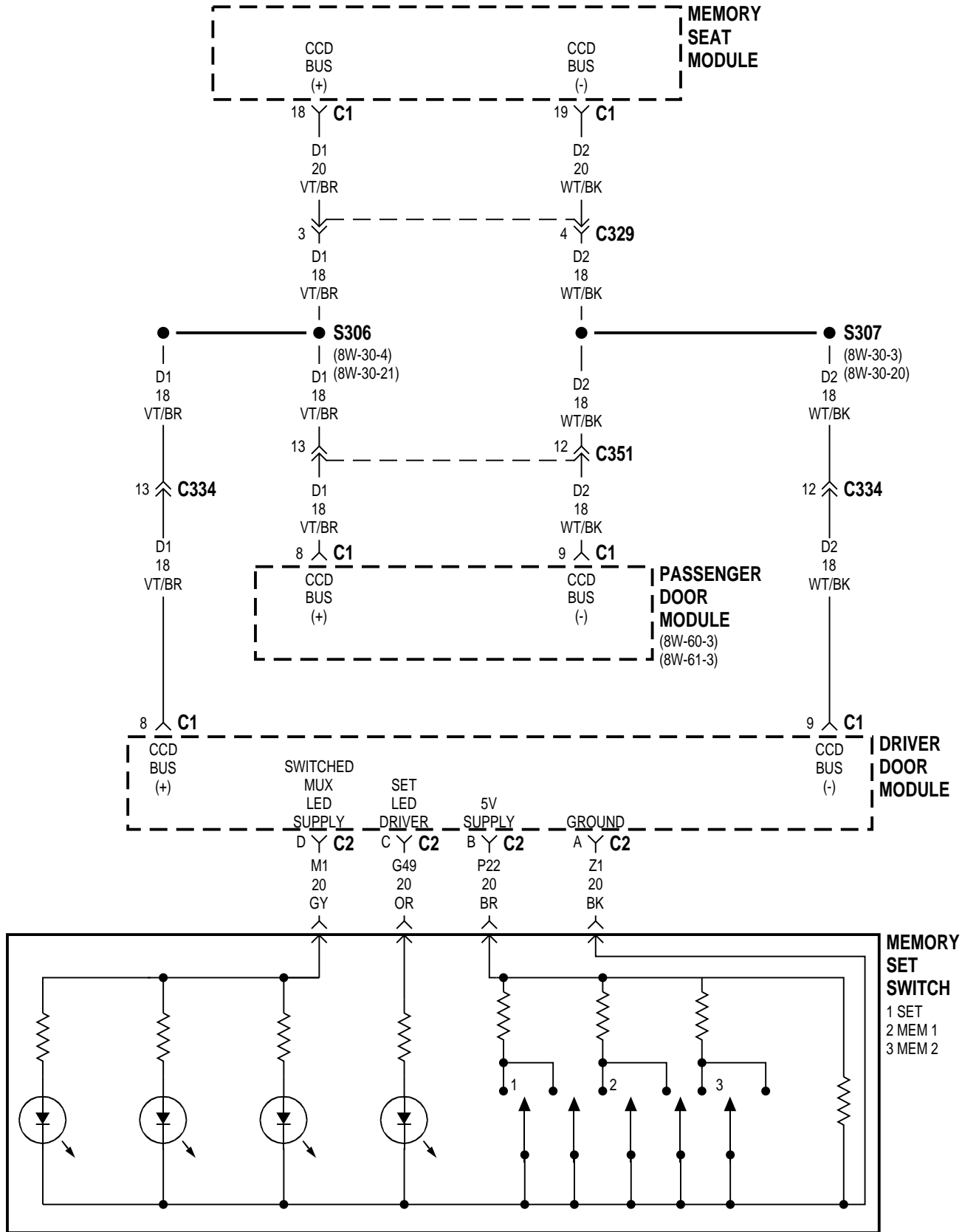


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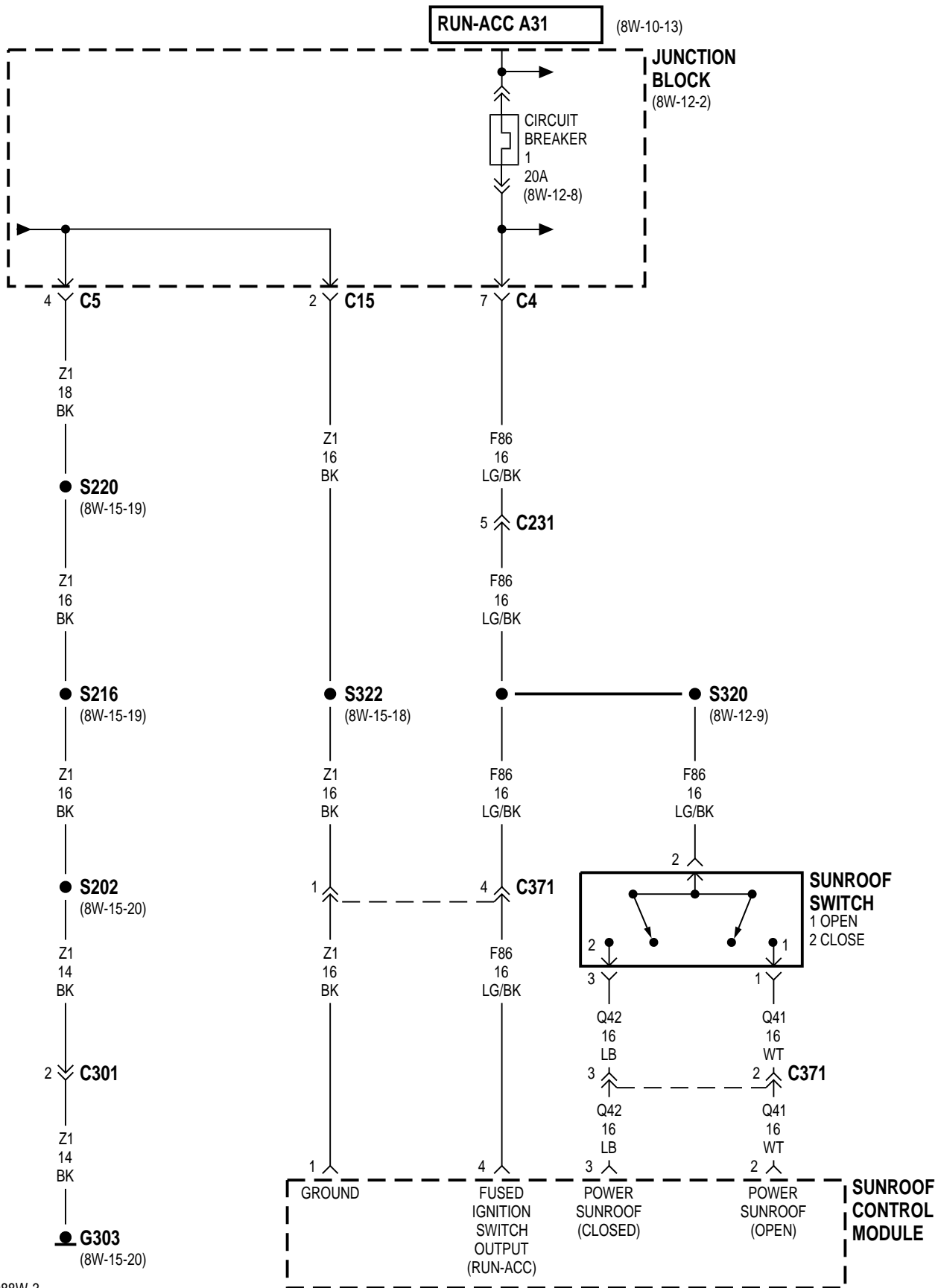


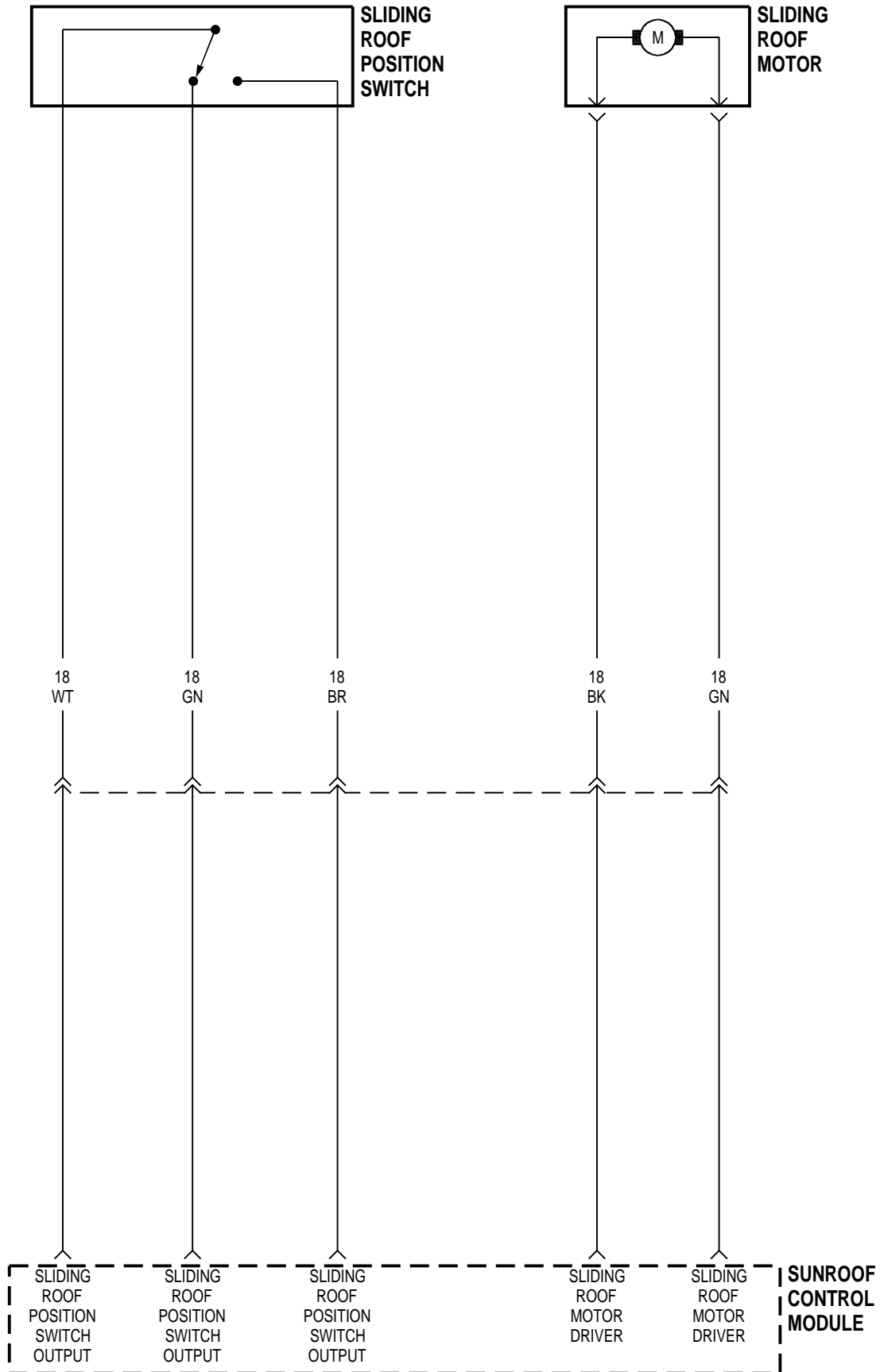




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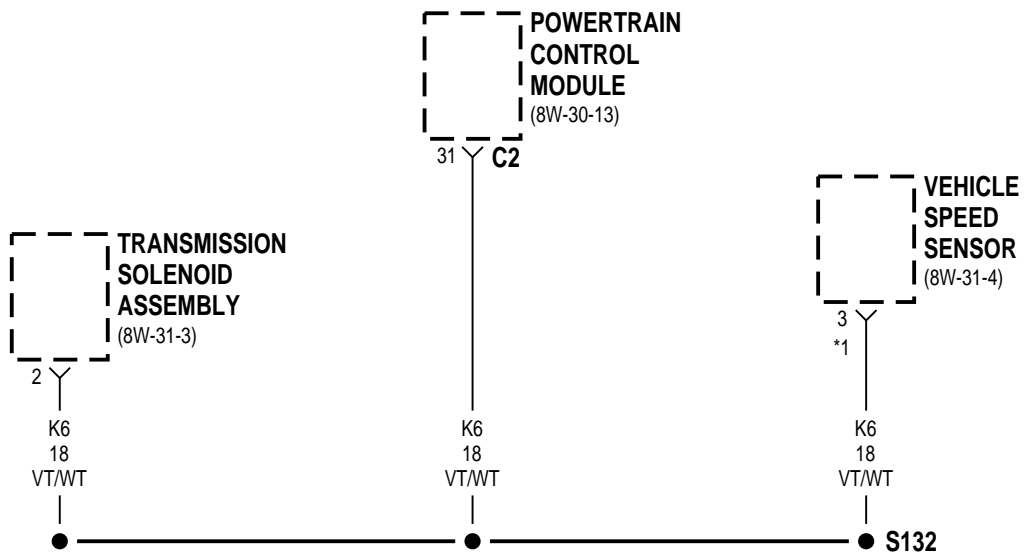
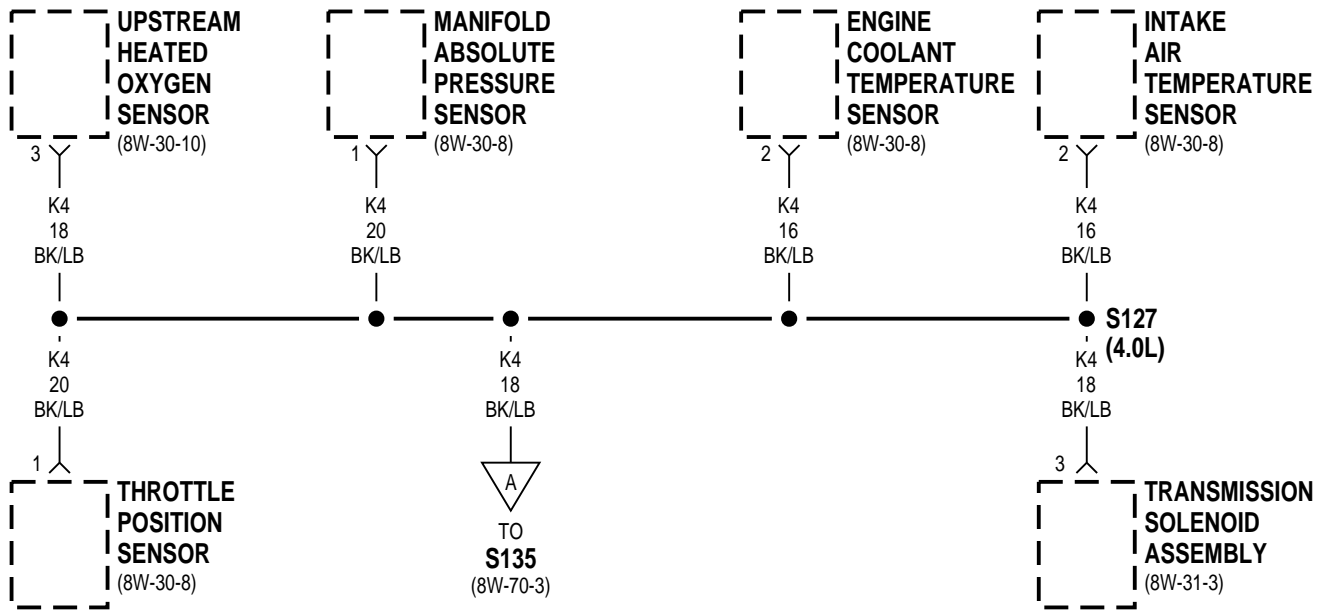




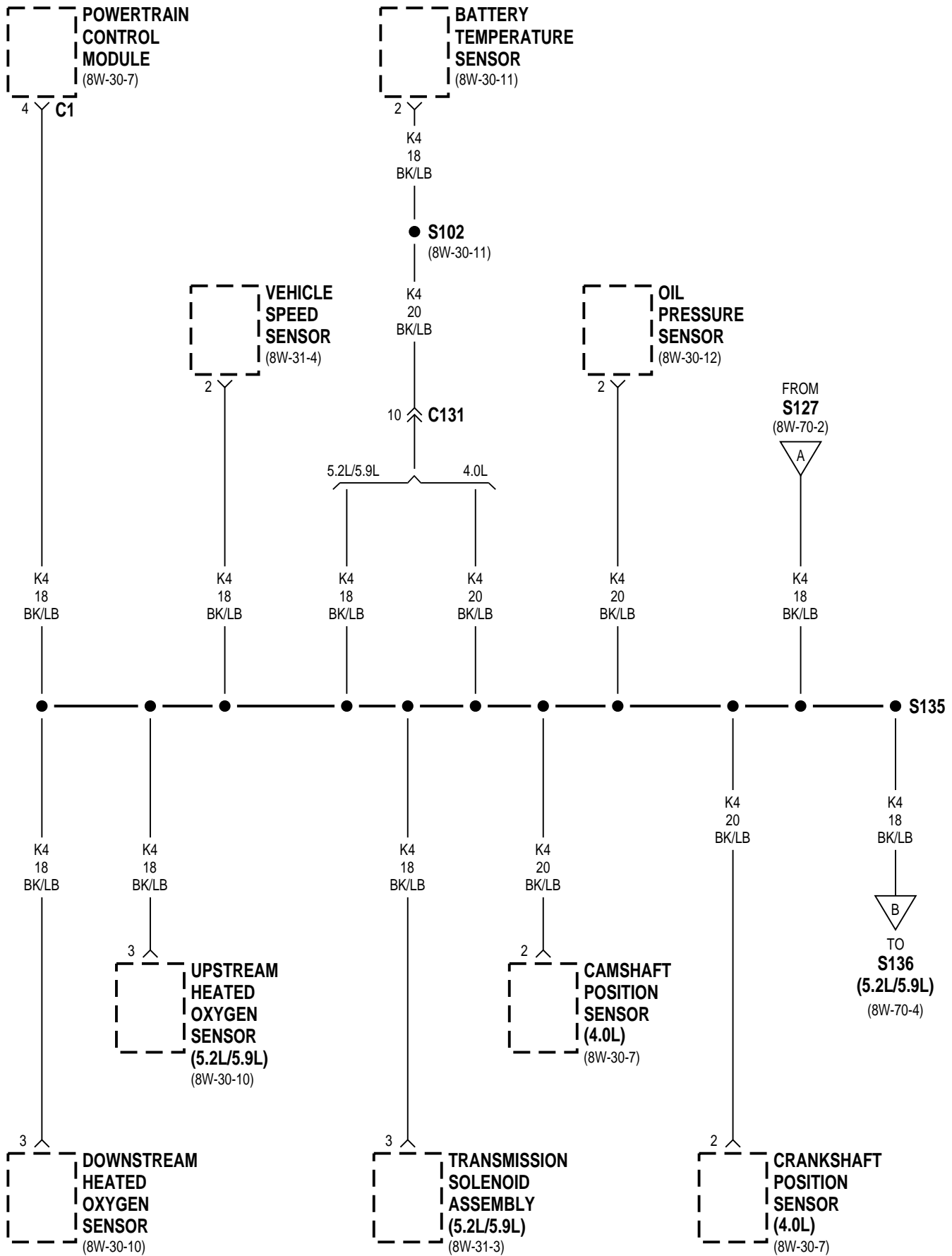


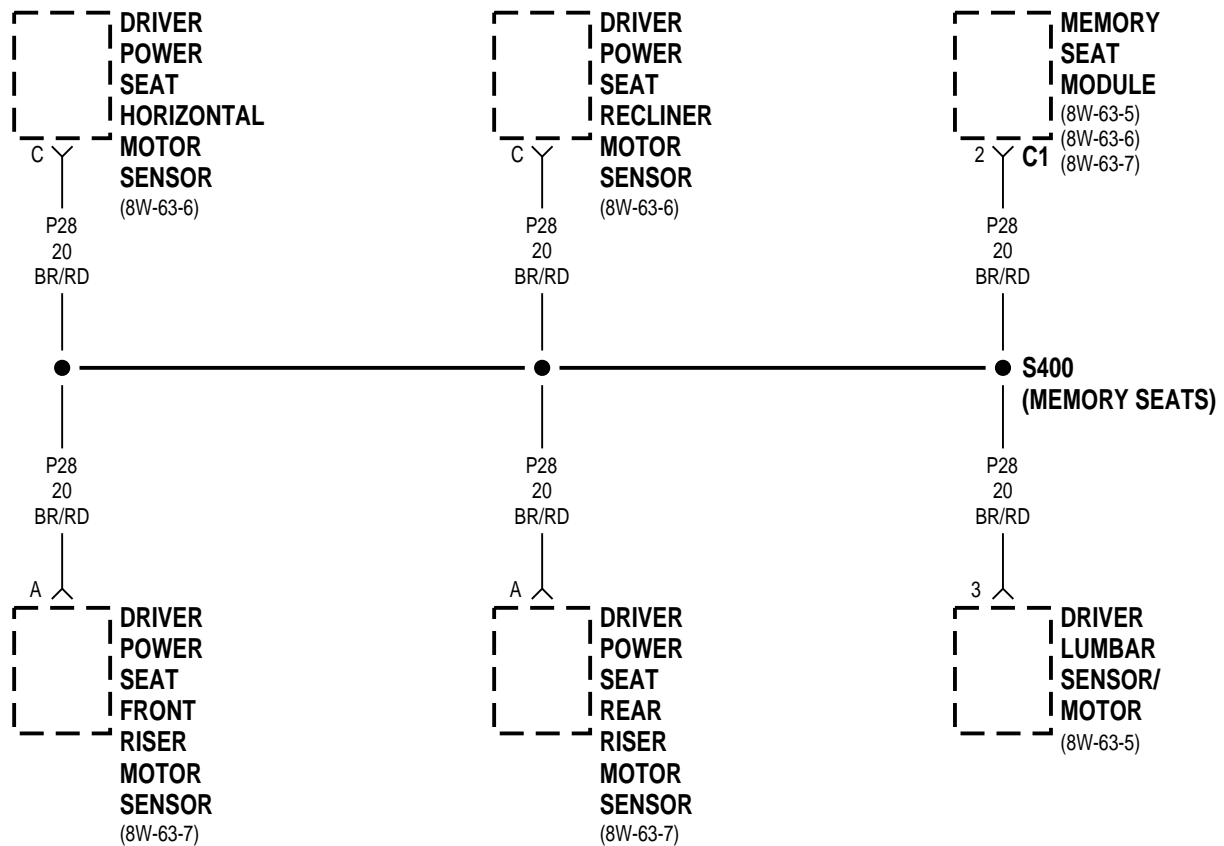
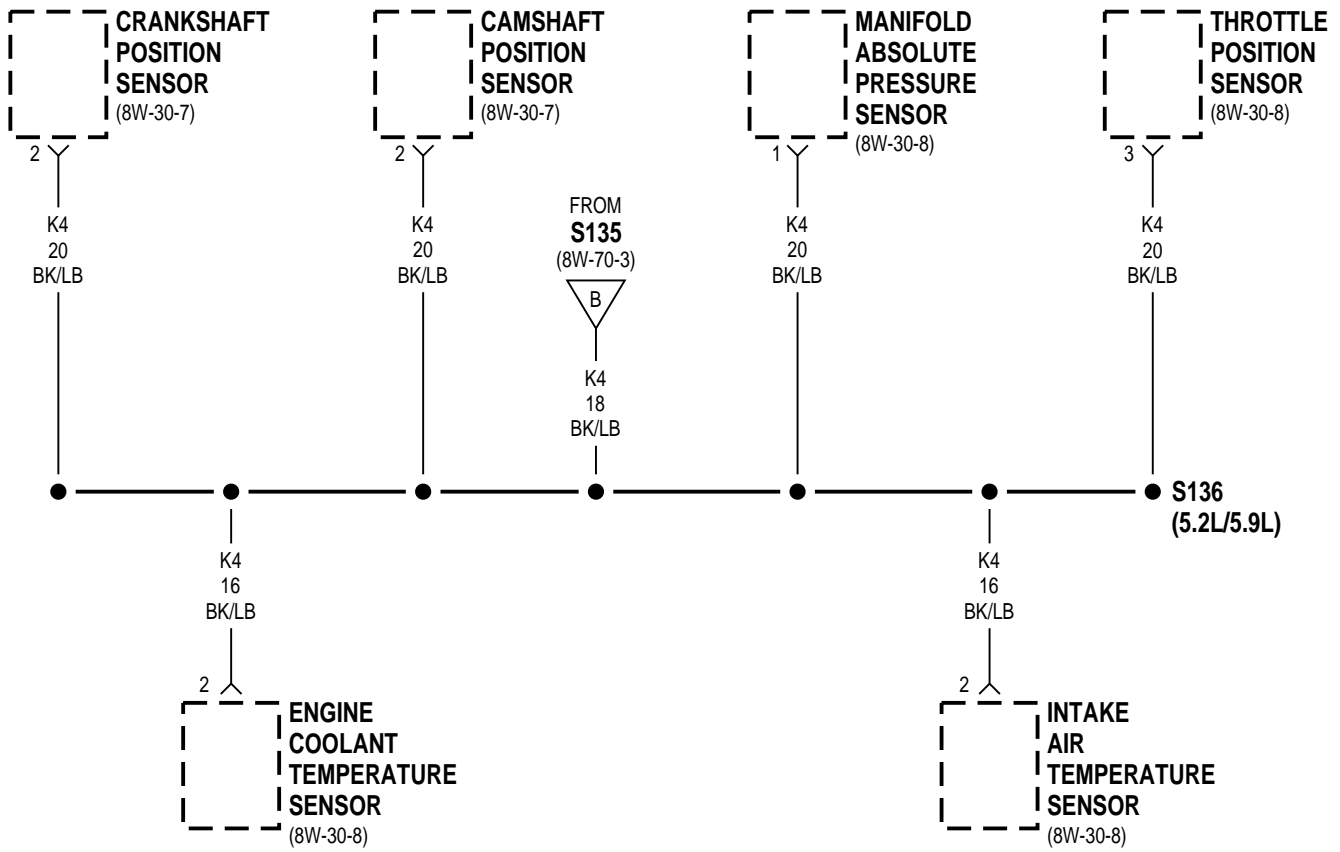
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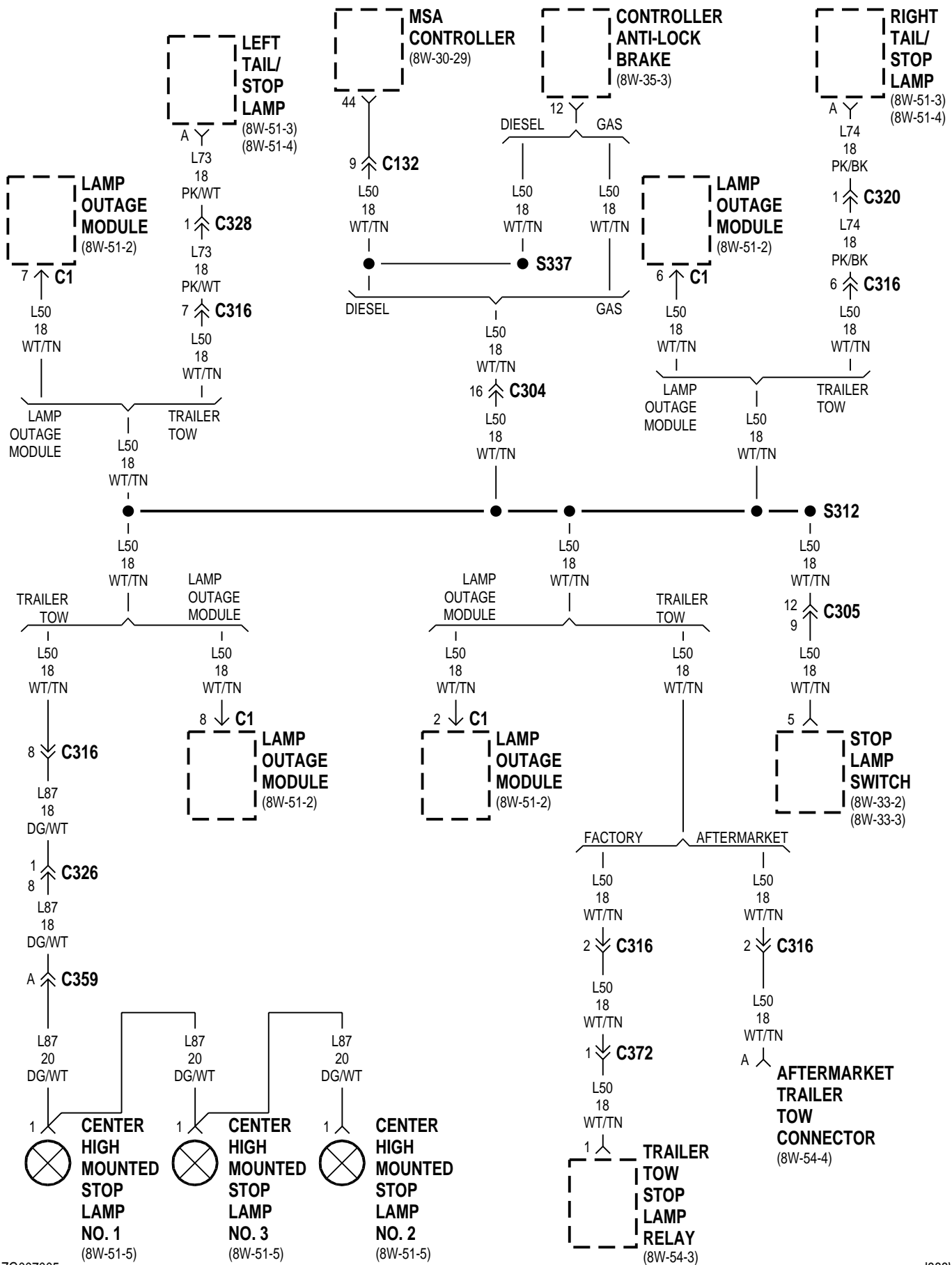
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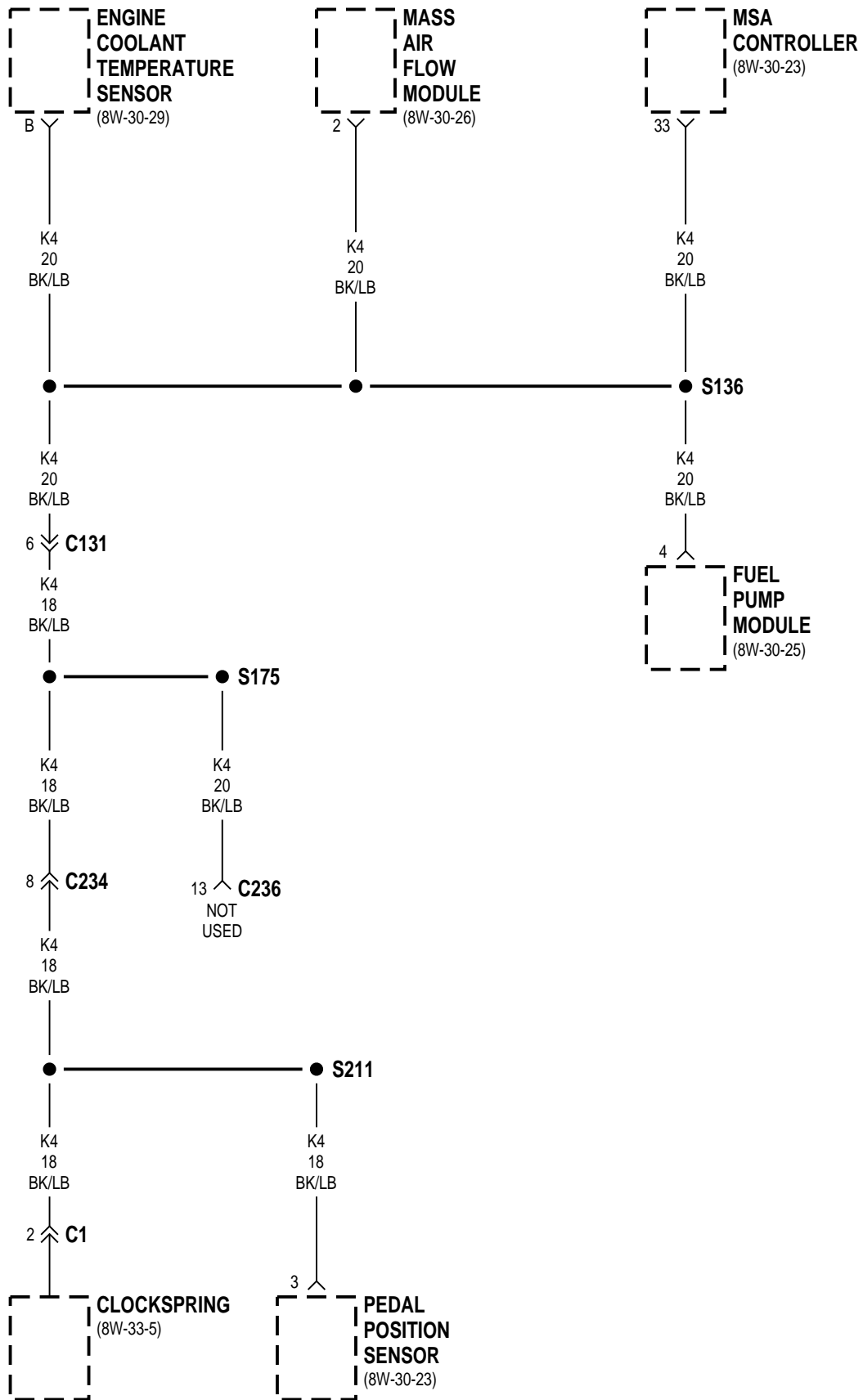


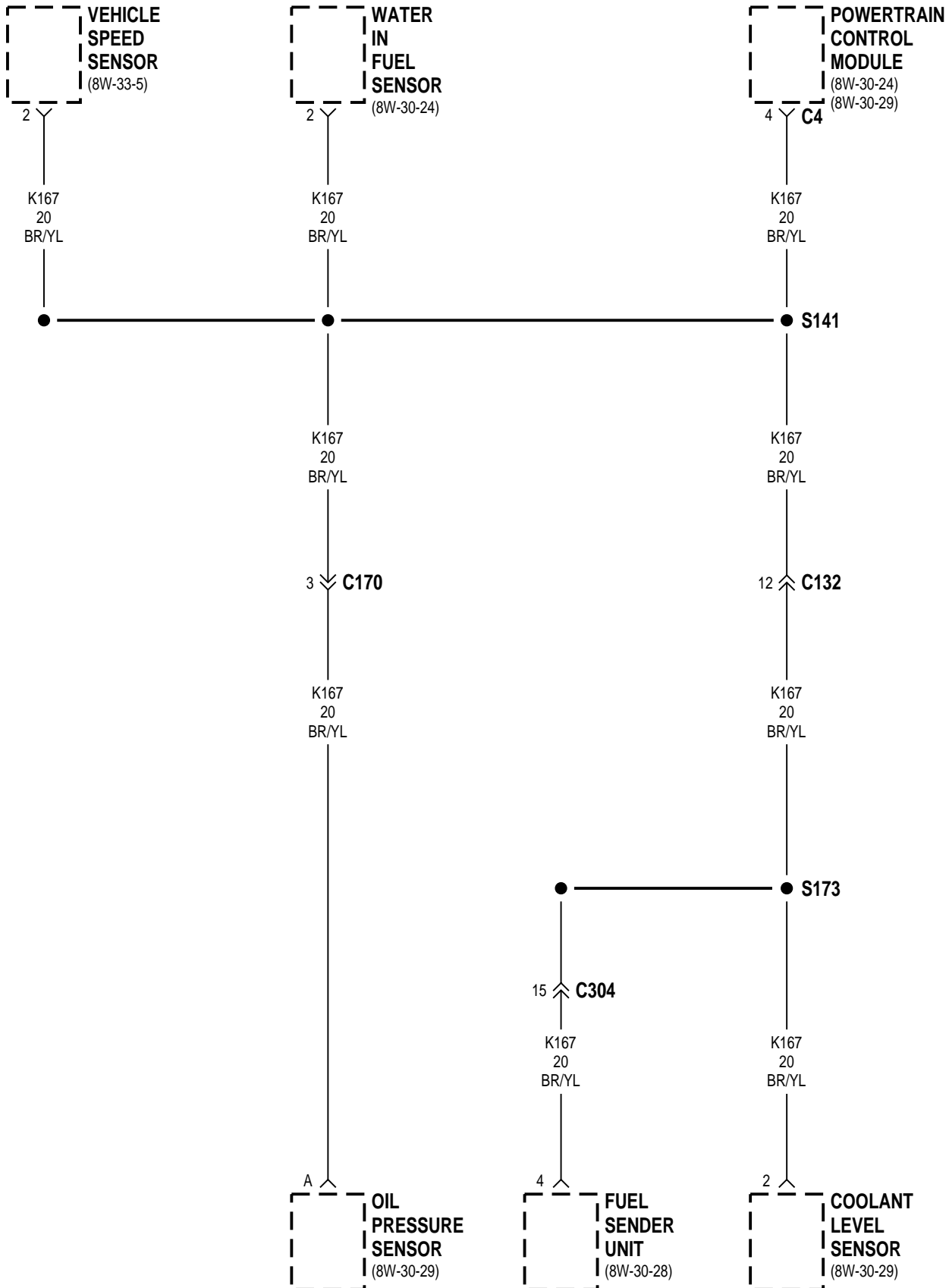
GAS















## 8W-80 CONNECTOR PIN-OUTS

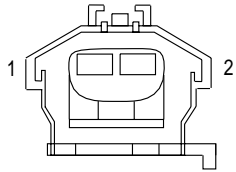
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Junction Block- C7 . . . . .	8W-80-49
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Lamp Outage Module- C1 . . . . .	8W-80-52
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Left Back-Up Lamp . . . . .	8W-80-53
Left Courtesy Lamp . . . . .	8W-80-53
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Left Front Side Marker Lamp . . . . .	8W-80-53
Left Front Turn Signal Lamp . . . . .	8W-80-54
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Left Instrument Panel Speaker . . . . .	8W-80-55
Left License Lamp . . . . .	8W-80-55
Left Park Lamp . . . . .	8W-80-55
Left Park/Turn Signal Marker . . . . .	8W-80-55
Left Rear Fog Lamp (Built-Up-Export) . . . . .	8W-80-55
Left Rear Side Marker Lamp (Except Built-Up-Export) . . . . .	8W-80-56
Left Rear Turn Signal Lamp . . . . .	8W-80-56
Left Rear Wheel Speed Sensor . . . . .	8W-80-56
Left Side Repeater . . . . .	8W-80-56
Left Tail/Stop Lamp . . . . .	8W-80-57
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Liftgate Ajar Switch . . . . .	8W-80-57
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Liftgate Lock Motor . . . . .	8W-80-57
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Lower Hose Coolant Switch (Max Cooling) . . . . .	8W-80-58

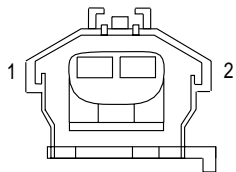
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Mass Air Flow Module . . . . .	8W-80-59
Memory Seat Module- C1 . . . . .	8W-80-59
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Mode Door Actuator . . . . .	8W-80-61
MSA Controller (Diesel) . . . . .	8W-80-61
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Oil Pressure Sensor (Diesel) . . . . .	8W-80-63
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Output Shaft Speed Sensor . . . . .	8W-80-63
Overhead Console . . . . .	8W-80-63
Park/Neutral Position Switch . . . . .	8W-80-64
Passenger Airbag . . . . .	8W-80-64
Passenger Door Courtesy Lamp . . . . .	8W-80-64
Passenger Door Module- C1 . . . . .	8W-80-64
Passenger Front Cylinder Lock Switch . . . . .	8W-80-64
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Passenger Front Door Speaker . . . . .	8W-80-65
Passenger Front Power Window Motor . . . . .	8W-80-65
Passenger Heated Seat Back . . . . .	8W-80-65
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Passenger Lumbar Motor . . . . .	8W-80-65
Passenger Lumbar Switch . . . . .	8W-80-65
Passenger Outside Power Mirror - C2 . . . . .	8W-80-66
Passenger Power Seat Front Riser Motor . . . . .	8W-80-66
Passenger Power Seat Horizontal Motor . . . . .	8W-80-66
Passenger Power Seat Rear Riser Motor . . . . .	8W-80-66
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Passenger Power Seat Switch . . . . .	8W-80-67
Passenger Rear Door Lock Motor . . . . .	8W-80-67
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Passenger Rear Power Window Switch . . . . .	8W-80-67
Passenger Seat Heater Control Module (LHD) . . . . .	8W-80-68
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Right Back-Up Lamp . . . . .	8W-80-77
Right Courtesy Lamp . . . . .	8W-80-77
Right Fog Lamp . . . . .	8W-80-77
Right Front Park Lamp . . . . .	8W-80-77
Right Front Side Marker Lamp . . . . .	8W-80-78
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Right Front Wheel Speed Sensor . . . . .	8W-80-78
Right Headlamp . . . . .	8W-80-78
Right Headlamp (Except Built-Up-Export) . . . . .	8W-80-78
Right Headlamp Leveling Motor . . . . .	8W-80-78
Right Instrument Panel Speaker . . . . .	8W-80-79
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Right Park/Turn Signal Marker . . . . .	8W-80-79
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Seat Belt Switch . . . . .	8W-80-81
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Wiper Fluid Level Sensor . . . . .	8W-80-86



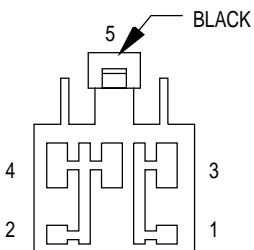
**A/C COMPRESSOR CLUTCH (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	C2 18DB/YL	A/C COMPRESSOR CLUTCH RELAY OUTPUT
2	Z1 18BK/TN*	GROUND
2	Z12 18BK/TN**	GROUND



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

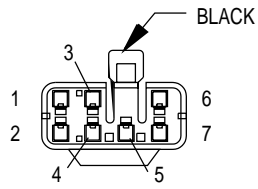
CAV	CIRCUIT	FUNCTION
1	C2 18DB/YL** ●	A/C CLUTCH RELAY OUTPUT
1	Z12 18BK/TN ●●	GROUND
1	Z1 18BK* ●	GROUND
2	C2 18DB/YL* ●	A/C CLUTCH RELAY OUTPUT
2	Z1 18BK** ●	GROUND
2	C2 18DB/YL ●●	A/C CLUTCH RELAY OUTPUT



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

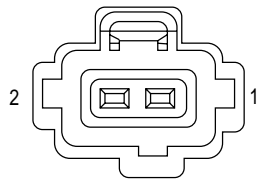
CAV	CIRCUIT	FUNCTION
1	C4 14TN	LOW BLOWER MOTOR DRIVER
2	C5 14LG	M1 BLOWER MOTOR DRIVER
3	C7 12BK/TN	HIGH SPEED BLOWER MOTOR
4	C1 14DG	GROUND
5	C6 14LB	M2 BLOWER MOTOR DRIVER

●● 5.2L/5.9L \* RHD  
 ● 4.0L \*\* LHD



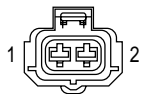
**A/C-HEATER CONTROL - C2**

CAV	CIRCUIT	FUNCTION
1	-	-
2	C36 20DB/RD	BLEND AIR DOOR POSITION SWITCH SIGNAL
3	C34 20VT/WT	GROUND
4	E2 20OR	PANEL LAMP DRIVER
5	-	-
6	F71 20DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
7	C90 20LG	A/C SELECT INPUT



**A/C HIGH PRESSURE SWITCH**

CAV	CIRCUIT	FUNCTION
1	C21 18DB/OR	A/C PRESSURE SWITCH SENSE
2	Z1 18BK	GROUND



**A/C LOW PRESSURE SWITCH**

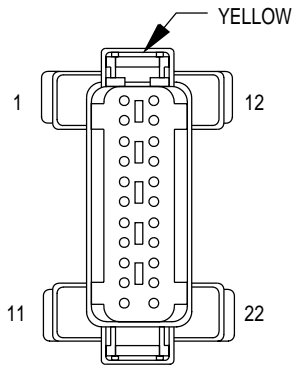
CAV	CIRCUIT	FUNCTION
1	C3 18DB/BK*	A/C PRESSURE SWITCH SENSE
1	C13 18DB**	A/C COMPRESSOR CLUTCH RELAY CONTROL
2	C21 18DB/OR	A/C PRESSURE SWITCH SENSE



**AFTERMARKET TRAILER TOW CONNECTOR**

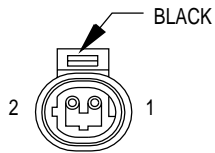
CAV	CIRCUIT	FUNCTION
A	L50 18WT/TN	STOP LAMP SWITCH OUTPUT
B	L90 18DB/RD	PARK LAMP RELAY OUTPUT
C	L60 18TN	RIGHT TURN SIGNAL
D	F70 16PK/BK	FUSED B(+)

\* GAS  
\*\* DIESEL



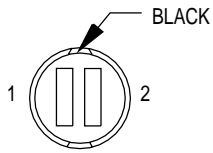
**AIRBAG CONTROL MODULE**

CAV	CIRCUIT	FUNCTION
1	R45 18DG/LB	DRIVER AIRBAG LINE 2
2	R43 18BK/LB	DRIVER AIRBAG LINE 1
3	-	-
4	-	-
5	R42 18BK/YL	PASSENGER AIRBAG LINE 1
6	R44 18DG/YL	PASSENGER AIRBAG LINE 2
7	-	-
8	-	-
9	-	-
10	Z6 16BK/PK	GROUND
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	G5 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
18	D2 18WT/BK	CCD BUS (-)
19	D1 18VT/BR	CCD BUS (+)
20	F20 18WT	FUSED IGNITION SWITCH OUTPUT (RUN)
21	-	-
22	-	-



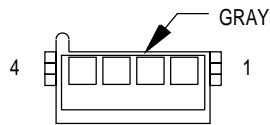
**AMBIENT TEMPERATURE SENSOR**

CAV	CIRCUIT	FUNCTION
1	D41 20LG/WT	SENSOR RETURN
2	C8 20DG/RD	AMBIENT TEMPERATURE SENSOR SIGNAL



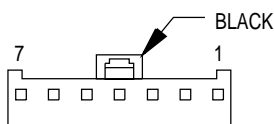
**ASH RECEIVER LAMP**

CAV	CIRCUIT	FUNCTION
1	E2 20OR	PANEL LAMP DRIVER
2	Z1 20BK	GROUND



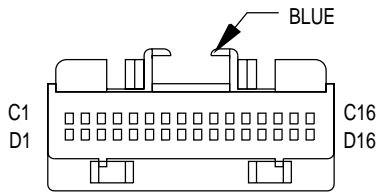
**AUTOMATIC HEADLAMP LIGHT SENSOR/VTSS LED**

CAV	CIRCUIT	FUNCTION
1	F75 18VT	FUSED B(+)
2	G69 20BK/LG	VTSS INDICATOR LAMP DRIVER
3	L109 20WT	ULTRALIGHT LIGHT SENSOR DRIVER
4	L110 20OR/BK	ULTRALIGHT LIGHT SENSOR SIGNAL



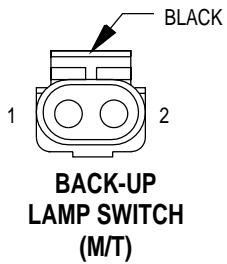
**AUTOMATIC DAY/NIGHT MIRROR**

CAV	CIRCUIT	FUNCTION
1	F83 20BK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z1 20BK	GROUND
3	L10 20BK/RD	BACK-UP LAMP SWITCH OUTPUT
4	P112 20BK/WT	POWER MIRROR B(-)
5	P114 20BK/YL	POWER MIRROR B(-)
6	-	-
7	-	-



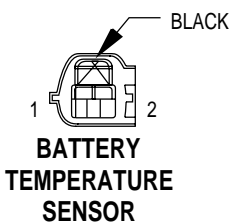
**AUTOMATIC  
TEMPERATURE  
CONTROL  
MODULE**

CAV	CIRCUIT	FUNCTION
C1	C37 20YL	MODE DOOR MOTOR DRIVER
C2	C35 20DG/YL	BLEND AIR DOOR MOTOR DRIVER
C3	C39 20WT	MODE DOOR MOTOR POSITION SENSE
C4	-	-
C5	-	-
C6	C90 20LG	A/C SELECT INPUT
C7	-	-
C8	C40 20BR/WT	5 VOLT SUPPLY
C9	C43 18YL/BR	BLOWER POWER MODULE OUTPUT
C10	D1 18VT/BR	CCD BUS(+)
C11	D2 18WT/BK	CCD BUS(-)
C12	F71 20DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
C13	F60 20WT/RD	FUSED B(+)
C14	C36 20RD/WT	BLEND AIR DOOR FEEDBACK SIGNAL
C15	-	-
C16	-	-
D1	C38 20DB	MODE DOOR MOTOR DRIVER
D2	C42 18PK/DB	HIGH SPEED BLOWER MOTOR RELAY SIGNAL
D3	C32 20DB/GY	RECIRCULATION DOOR MOTOR DRIVER
D4	C33 20DB/RD	RECIRCULATION DOOR MOTOR DRIVER
D5	C41 20GY/DB	HIGH SPEED BLOWER MOTOR RELAY CONTROL
D6	C34 20DB/WT	BLEND AIR DOOR MOTOR DRIVER
D7	Z4 20PK	GROUND
D8	-	-
D9	D41 20LG/WT	SENSOR GROUND
D10	-	-
D11	-	-
D12	C10 20RD/TN	IN-CAR TEMPERATURE SENSOR SIGNAL
D13	E2 20OR	PANEL LAMP DRIVER
D14	-	-
D15	C47 20BK/WT	SOLAR SENSOR SIGNAL
D16	-	-



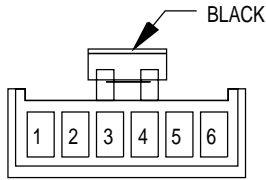
**BACK-UP  
LAMP SWITCH  
(M/T)**

CAV	CIRCUIT	FUNCTION
1	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
2	L10 18BR/LG	BACK-UP SWITCH OUTPUT



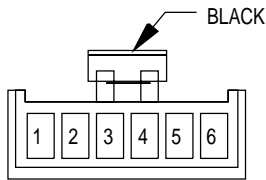
**BATTERY  
TEMPERATURE  
SENSOR**

CAV	CIRCUIT	FUNCTION
1	T222 18RD/YL	BATTERY TEMPERATURE SENSE SIGNAL
2	K4 18BK/LB	SENSOR GROUND



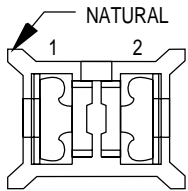
**BLEND DOOR ACTUATOR (AUTOMATIC TEMPERATURE CONTROL)**

CAV	CIRCUIT	FUNCTION
1	C40 20DG/YL	5-VOLT SUPPLY
2	C36 20DB/RD	BLEND AIR DOOR FEEDBACK SIGNAL
3	D41 20LG/WT	SENSOR GROUND
4	-	-
5	C35 20DB/WT	BLEND AIR DOOR MOTOR DRIVER
6	C34 20VT/WT	BLEND AIR DOOR MOTOR DRIVER



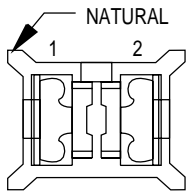
**BLEND DOOR ACTUATOR (MANUAL A/C-HEATER)**

CAV	CIRCUIT	FUNCTION
1	F71 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
2	C40 20WT/YL	5-VOLT SUPPLY
3	C36 20DB/RD	BLEND AIR DOOR POSITION SWITCH SIGNAL
4	C34 20VT/WT	COMMON DOOR DRIVER
5	-	-
6	-	-



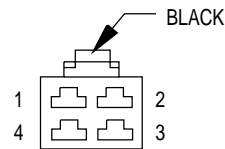
**BLOWER MOTOR (AUTOMATIC TEMPERATURE CONTROL)**

CAV	CIRCUIT	FUNCTION
1	C42 12RD	HIGH SPEED BLOWER MOTOR RELAY SIGNAL
2	Z4 12BK	GROUND



**BLOWER MOTOR (MANUAL A/C-HEATER)**

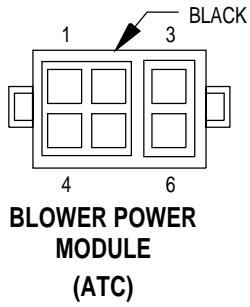
CAV	CIRCUIT	FUNCTION
1	A19 12RD	BLOWER MOTOR DRIVER
2	C7 12BK	GROUND



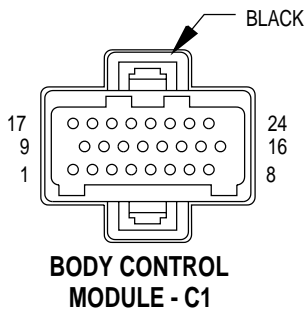
**BLOWER MOTOR RESISTOR BLOCK (MANUAL A/C-HEATER)**

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



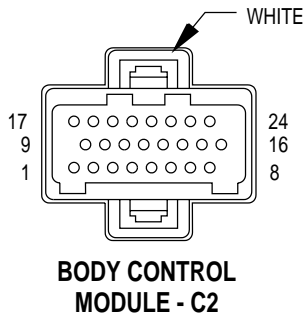


CAV	CIRCUIT	FUNCTION
1	C42 12BR/RD	BLOWER MOTOR DRIVER
2	-	-
3	A19 10RD	FUSED B(+)
4	C43 18BR/YL	BLOWER POWER MODULE OUTPUT
5	Z4 18BK	GROUND
6	-	-

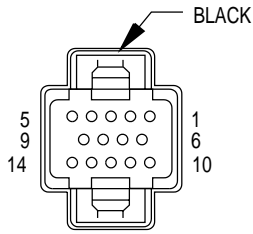


CAV	CIRCUIT	FUNCTION
1	V51 18WT	WINDSHIELD WIPER SWITCH SIGNAL
2	D41 20LG/WT	SENSOR GROUND
3	-	-
4	-	-
5	C8 20DG/RD	AMBIENT TEMPERATURE SENSOR SIGNAL
6	M11 20PK/LB	SWITCHED COURTESY LAMP FEED
7	L24 20LB/RD	AUTO HEADLAMP SWITCH SENSE
8	C80 20DB/YL	REAR WINDOW DEFOGGER SWITCH SENSE
9	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
10	-	-
11	-	-
12	G70 20BR/TN*	HOOD AJAR SWITCH SENSE
13	-	-
14	G26 20LB	KEY-IN IGNITION SWITCH SENSE
15	L35 20BR/WT	FOG LAMP SWITCH OUTPUT
16	Z2 20BK/OR	GROUND
17	L90 20DB/RD	PARK LAMP RELAY OUTPUT
18	F99 20OR	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
19	D1 18VT/BR	CCD BUS (+)
20	D2 18WT/BK	CCD BUS (-)
21	-	-
22	-	-
23	G69 20BK/LG	VTSS INDICATOR LAMP DRIVER
24	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT

\* LHD

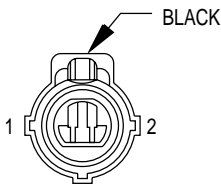


CAV	CIRCUIT	FUNCTION
1	-	-
2	L109 20WT	SENSOR GROUND
3	709 20RD/BK	RADIO CONTROL MUX
4	V66 16VT/WT	WIPER PARK SWITCH SENSE
5	-	-
6	M112 20BR/LG	COURTESY LAMP RELAY CONTROL
7	C90 20LG	A/C SELECT INPUT
8	F75 18VT	FUSED B(+)
9	L110 20OR/BK	SENSOR SIGNAL
10	-	-
11	-	-
12	714 20BK/OR	AUTOMATIC HEADLAMP RELAY CONTROL
13	X4 20GY/OR	HORN RELAY CONTROL
14	C14 20WT/RD	REAR WINDOW DEFOGGER RELAY CONTROL
15	V23 20BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
16	E2 20OR	PANEL LAMP DRIVER
17	V11 18TN/BK	WASHER SWITCH OUTPUT
18	V50 18LG/WT	WIPER SWITCH MODE SENSE
19	-	-
20	707 20BK/WT	PANEL LAMP DIMMER SIGNAL
21	L79 20TN	PARK LAMP RELAY CONTROL
22	L95 20DG/YL	FOG LAMP RELAY CONTROL
23	V18 20YL/LG	INTERMITTENT WIPER RELAY CONTROL
24	Z1 16BK	GROUND



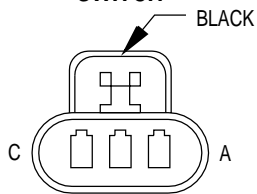
**BODY CONTROL MODULE - C3**

CAV	CIRCUIT	FUNCTION
1	G78 20TN/BK	LIFTGATE AJAR SWITCH SENSE
2	G9 20GY/BK	RED BRAKE WARNING LAMP DRIVER
3	G76 18TN/YL	PASSENGER REAR DOOR AJAR SWITCH SENSE
4	G75 18TN	LEFT FRONT DOOR AJAR SWITCH SENSE
5	-	-
6	M4 20WT/LG	LIFTGATE COURTESY LAMP DISABLE
7	-	-
8	Z2 18BK/OR	GROUND
9	G74 18TN/RD	PASSENGER FRONT DOOR AJAR SWITCH SENSE
10	G71 20VT/YL	VTSS DISARM SENSE
11	-	-
12	-	-
13	G77 18TN/OR	DRIVER REAR DOOR AJAR SWITCH SENSE
14	G10 20LG/RD	SEAT BELT SWITCH SENSE



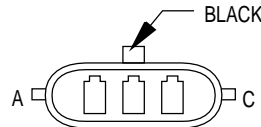
**BRAKE PRESSURE SWITCH**

CAV	CIRCUIT	FUNCTION
1	Z2 16BK	GROUND
2	G9 16GY/BK	RED BRAKE WARNING LAMP DRIVER



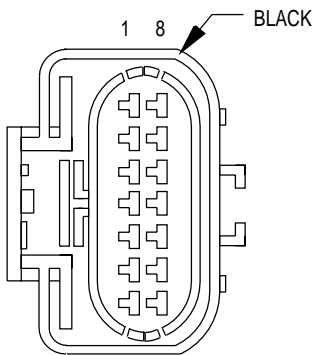
**C102**

CAV	CIRCUIT
A	L65 18LG/DB
B	L90 18DB/RD
C	Z1 18BK



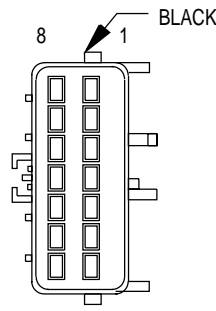
**C102**

CAV	CIRCUIT
A	L65 18LG/DB
B	L90 18DB/RD
C	Z1 18BK



**C131 (DIESEL)**

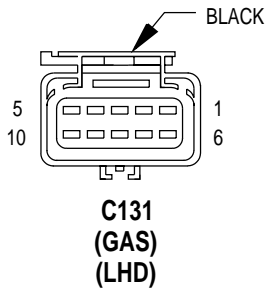
CAV	CIRCUIT
1	-
2	Z1 18BK*
3	G40 18LB/BK
4	F99 20OR
5	G18 20PK/BK
6	K4 18BK/LB
7	L10 18BR/LG
8	G118 20PK/DB
9	A64 14OR/DB
10	Z1 12BK
11	F6 18WT/RD
12	A142 16DG/OR
13	F83 18YL/DG
14	C3 18DB/BK



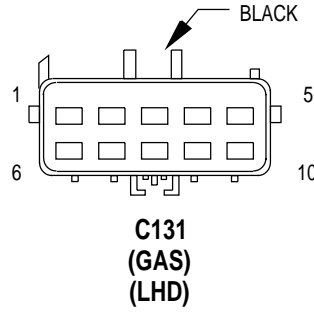
**C131 (DIESEL)**

CAV	CIRCUIT
1	-
2	Z1 18BK/TN*
3	G40 18LB/BK
4	F99 20OR
5	G18 20PK/BK
6	K4 20BK/LB
7	L10 18BR/LG
8	G118 20PK/DB
9	A64 14DG/WT
10	Z1 12BK
11	F6 18WT/RD
12	A142 16DG/OR
13	F83 18YL/DG
14	C3 18DB/BK

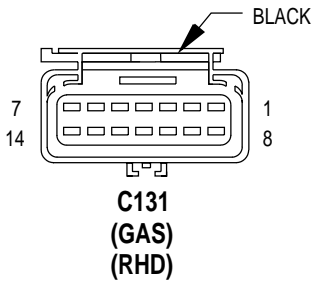
\* RHD



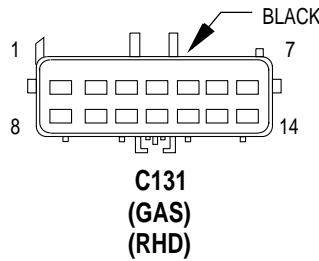
CAV	CIRCUIT
1	T20 18LB
2	F99 20OR
3	-
4	A142 18DG/OR
5	F5 14RD/YL
6	L10 18BR/LG
7	C2 18DB/YL*
8	G28 20LG/OR
9	-
10	K4 20BK/LB



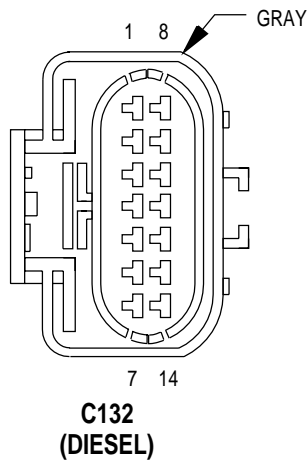
CAV	CIRCUIT
1	T20 18LB
2	F99 18OR
3	-
4	A142 18DG/OR
5	F5 14RD/YL
6	L10 18BR/LG
7	C2 18DB/YL*
8	G28 20LG/OR •
9	-
10	K4 18BK/LB*
10	K4 20BK/LB**



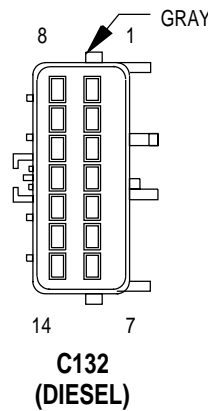
CAV	CIRCUIT
1	T20 18LB
2	F99 20OR
3	-
4	A142 18DG/OR
5	F5 14RD/YL
6	L10 18BR/LG
7	C2 18DB/YL
8	G28 20LG/OR
9	-
10	K4 20BK/LB
11	V30 20DB/LG
12	V35 18LG/RD
13	V36 18TN/RD
14	Z4 20BK



CAV	CIRCUIT
1	T20 18LB
2	F99 18OR
3	-
4	A142 18DG/OR
5	F5 14RD/YL
6	L10 18BR/LG
7	C2 18DB/YL
8	G28 20LG/OR
9	-
10	K4 20BK/LB
11	V30 20DB/LG
12	V35 18LG/RD
13	V36 18TN/RD
14	Z4 20BK

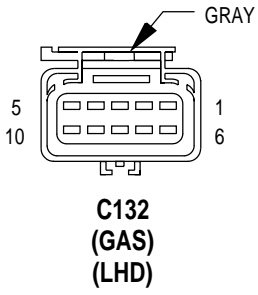


CAV	CIRCUIT
1	L53 20BR
2	Z1 18BK
3	Z2 18BK/OR
4	D2 18WT/BK
5	D1 18VT/BR
6	T106 20GY/OR
7	T107 20BK/RD
8	V32 20YL/RD
9	L50 18WT/TN
10	C13 18DB
11	G28 20LG/OR
12	K167 20BR/YL
13	-
14	K900 20PK/BK

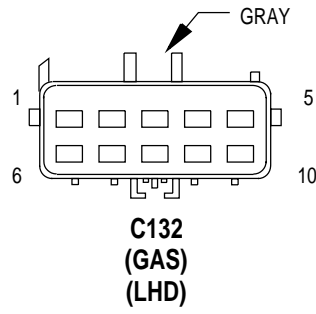


CAV	CIRCUIT
1	L53 20BR
2	Z1 18BK
3	Z2 18BK/OR
4	D2 18WT/BK
5	D1 18VT/BR
6	T106 20GY/OR
7	T107 20BK/RD
8	V32 18YL/RD
9	L50 18WT/TN
10	C13 16DB/RD
11	G28 20LG/OR
12	K167 20BR/YL
13	-
14	K900 20PK/BK

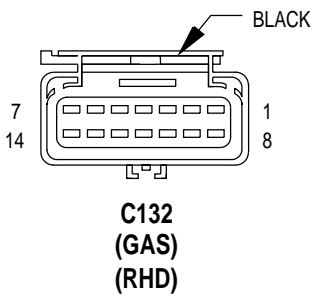
• 4WD  
\* 5.2L/5.9L  
\*\* 4.0L



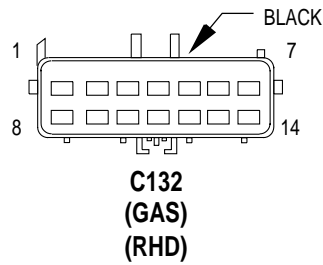
CAV	CIRCUIT
1	Z1 18BK
2	Z2 18BK/OR
3	-
4	T41 20BK/WT
5	G7 18WT/OR*
6	K20 18DG
7	T66 20BR/OR
8	F83 18YL/DG
9	T106 20GY/OR
10	T107 20BK/RD



CAV	CIRCUIT
1	Z1 18BK
2	Z2 18BK/OR
3	-
4	T41 20BK/WT
5	G7 18WT/OR
6	K20 18DG
7	T66 18BR/OR
8	F83 18YL/DG
9	T106 20GY/OR •
10	T107 20BK/RD •

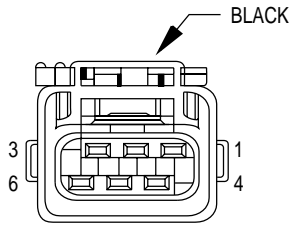


CAV	CIRCUIT
1	Z1 18BK
2	Z2 18BK/OR
3	-
4	T41 20BK/WT
5	-
6	K20 18DG
7	T66 20BR/OR
8	F83 18YL/DG
9	T106 20GY/OR
10	T107 20BK/RD
11	Z1 18BK
12	C21 18DB/OR
13	-
14	-



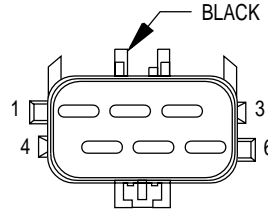
CAV	CIRCUIT
1	Z1 18BK
2	Z2 18BK/OR
3	-
4	T41 20BK/WT
5	G7 18WT/OR
6	K20 18DG
7	T66 18BR/OR
8	F83 18YL/DG
9	T106 20GY/OR
10	T107 20BK/RD
11	Z1 18BK
12	C21 18DB/OR
13	-
14	-

• 4WD  
\* LHD



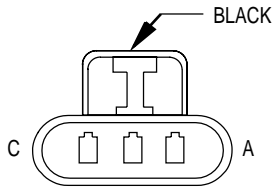
**C144**

CAV	CIRCUIT
1	C2 18DB/YL
2	K20 18DG
2	D83 20BK/PK**
3	K72 18DG/VT
3	D84 20BK/WT**
4	Z1 18BK
4	K95 20PK/WT**
5	C21 18DB/OR
6	T40 12LG/BK



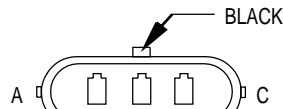
**C144**

CAV	CIRCUIT
1	C2 18DB/YL
2	K20 18DG
2	D83 20BK/PK**
3	K72 18DG/VT
3	D84 20BK/WT**
4	Z1 18BK
4	K95 20PK**
5	C21 18DB/OR
6	T40 12LG/BK



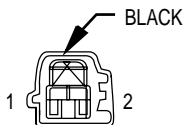
**C150**

CAV	CIRCUIT
A	L64 18TN/DB
B	L90 18DB/RD
C	Z1 18BK



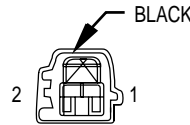
**C150**

CAV	CIRCUIT
A	L64 18TN/DB
B	L90 18DB/RD
C	Z1 18BK



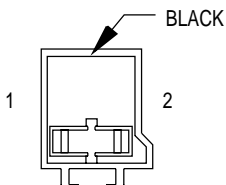
**C159**

CAV	CIRCUIT
1	M1 18PK
2	Z1 18BK



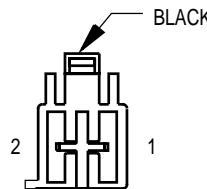
**C159**

CAV	CIRCUIT
1	M1 18PK
2	Z1 18BK**
2	Z4 18BK*



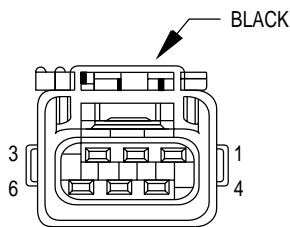
**C160**

CAV	CIRCUIT
1	A19 10RD ■
1	A19 12RD ■■
2	Z4 12BK ▲
2	Z5 12BK ▲▲



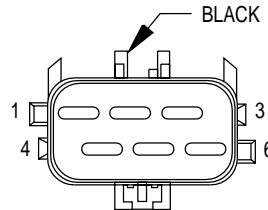
**C160**

CAV	CIRCUIT
1	A19 12RD/VT
2	Z4 12BK



**C170  
(DIESEL)**

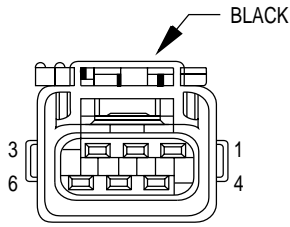
CAV	CIRCUIT
1	T40 14LG/BK
2	G60 20GY/YL
3	K167 20BR/YL
4	K6 18VT/WT
5	-
6	-



**C170  
(DIESEL)**

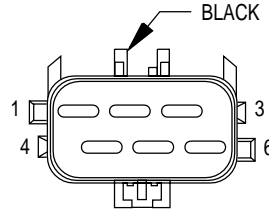
CAV	CIRCUIT
1	T40 12LG/BK
2	G60 20GY/YL
3	K167 20BR/YL
4	K7 20OR/WT
5	-
6	-

- \* GAS
- \*\* DIESEL
- 4.0L
- ▲ LHD
- ▲▲ RHD
- ATC
- MANUAL A/C-HEATER



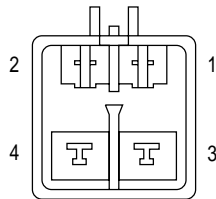
**C170  
(GAS)  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT
1	-
2	K20 18DG
3	K72 18DG/VT
4	-
5	-
6	T40 12LG/BK



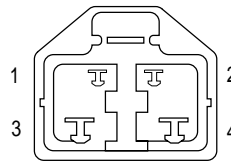
**C170  
(GAS)  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT
1	-
2	K20 18DG
3	K72 18DG/VT
4	-
5	-
6	T40 12LG/BK



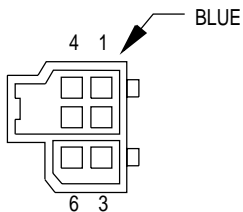
**C170 (EXCEPT  
BUILT-UP-EXPORT)  
C171 (BUILT-  
UP-EXPORT)  
(MAX COOLING)**

CAV	CIRCUIT
1	F99 16OR
2	-
3	-
4	F143 10LG/RD



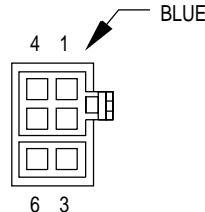
**C170 (EXCEPT  
BUILT-UP-EXPORT)  
C171 (BUILT-  
UP-EXPORT)  
(MAX COOLING)**

CAV	CIRCUIT
1	F99 16OR
2	-
3	-
4	F143 10LG/RD



**C182  
(DIESEL)**

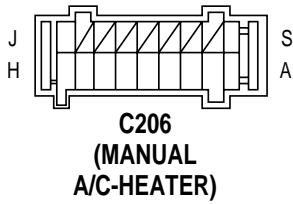
CAV	CIRCUIT
1	K255 20WT/DG
2	K151 20WT
3	K6 20VT/WT
4	K22 20OR/DB



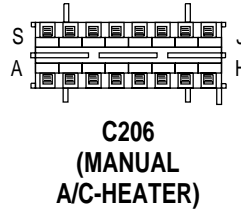
**C182  
(DIESEL)**

CAV	CIRCUIT
1	K255 20WT/DG
2	K151 20WT/RD
3	K6 20VT/WT
4	K22 20OR/DB

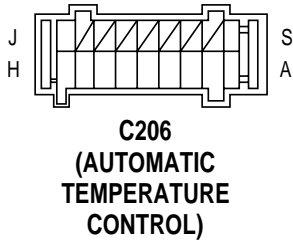
\* GAS  
\*\* DIESEL



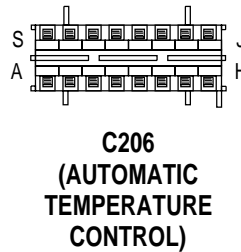
CAV	CIRCUIT
A	-
B	C7 12BK/TN
C	C6 14LB
D	C5 14LG
E	C4 14TN
F	C36 20DB/RD
G	F71 20PK/DG
H	C34 20VT/WT
J	Z4 12BK
K	-
L	-
M	-
N	-
P	-
R	-
S	-



CAV	CIRCUIT
A	-
B	C7 12BK/TN
C	C6 14LB
D	C5 14LG
E	C4 14TN
F	C36 20DB/RD
G	F71 20PK/DG
H	C34 20VT/WT
J	C1 14DG
K	-
L	-
M	-
N	-
P	-
R	-
S	-

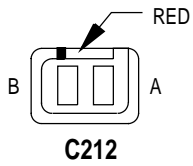


CAV	CIRCUIT
A	C39 20YL
B	C37 20TN/BK
C	C35 20DB/WT
D	C36 20DB/RD
E	C34 20VT/WT
F	F71 20PK/DG
G	C33 20VT/OR
H	C32 20LB/DG
J	C38 20DG
K	C40 20DG/YL
L	C41 20BR
M	C42 12BR/RD
N	C43 18BR/YL
P	Z4 20BK
R	-
S	D41 20LG/WT

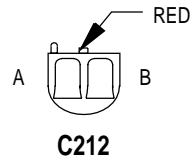


CAV	CIRCUIT
A	C39 20WT
B	C37 20YL
C	C35 20DG/YL
D	C36 20RD/WT
E	C34 20DB/WT
F	F71 20PK/DG
G	C33 20DB/RD
H	C32 20DB/GY
J	C38 20DB
K	C40 20BR/WT
L	C41 20GY/DB
M	C42 18PK/DB
N	C43 18YL/BR
P	Z4 20PK
R	-
S	D41 20LG/WT

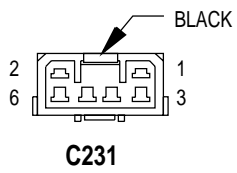




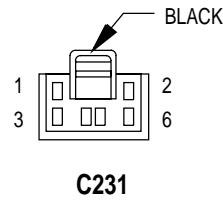
CAV	CIRCUIT
A	G42 20LB/RD
B	T19 20YL/BK



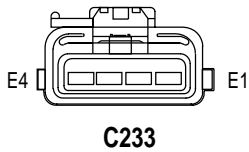
CAV	CIRCUIT
A	G28 20LG/OR
B	107 20BK/RD



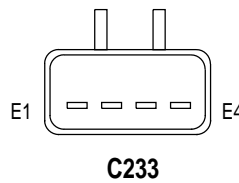
CAV	CIRCUIT
1	D1 18VT/BR
2	D2 18WT/BK
3	P112 20YL/WT
4	P114 20YL/BK
5	F86 16LG/BK
6	-



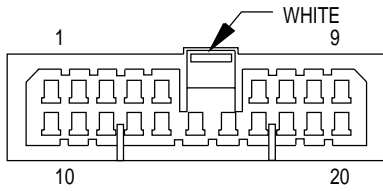
CAV	CIRCUIT
1	D1 18VT/BR
2	D2 18WT/BK
3	P112 20BK/WT
4	P114 20BK/YL
5	F86 16LG/BK
6	-



CAV	CIRCUIT
1	A1 12RD/WT
2	F61 16WT/OR
3	-
4	T141 14YL/RD

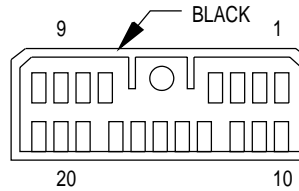


CAV	CIRCUIT
1	A1 12RD/WT
2	F61 16WT/OR
3	-
4	T141 14YL/RD



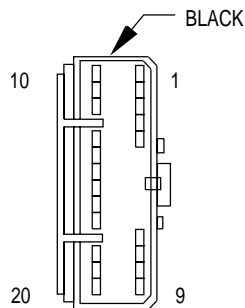
C234

CAV	CIRCUIT
1	V11 18TN/BK
2	L3 16RD/OR
3	L4 16VT/OR
4	V4 18RD/YL
5	G9 16GY/BK
6	G18 16PK/BK
6	G118 20PK/DB**
7	G29 16BK/TN
8	K4 20BK/LB*
8	K4 18BK/LB**
9	V32 18YL/RD
10	L65 18LG/DB
11	C8 20DG/RD
12	G34 20RD/GY ●●
12	L3 16RD/OR*
13	L53 18BR
13	L53 20BR**
14	D21 20BK/PK
14	D83 20BK/PK
15	D84 20BK/WT
16	L53 20BR*
17	V20 18WT/BK
18	V6 16DB
19	K95 18PK
19	K95 20PK**
20	T9 18OR



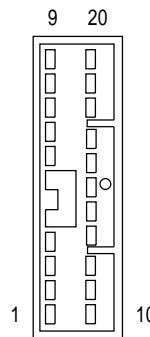
C234

CAV	CIRCUIT
1	V11 18TN/BK
2	L3 16RD/OR
3	L4 16VT/OR
4	V4 18RD/YL
5	G9 18GY/BK
6	G18 20PK/BK
7	G29 20BK/TN
8	K4 18BK/LB
9	V32 20YL/RD
10	L65 18LG/DB
11	C8 20DG/RD
12	L3 16RD/OR
13	L53 20BR
14	D83 20BK/PK
14	D83 20BK/PK
15	D84 20BK/WT
16	L53 20BR ■
17	V20 18WT/BK
18	V6 16DB
19	K95 20PK
20	T9 20OR/BK



C235

CAV	CIRCUIT
1	G68 18BR/YL*
2	V30 20DB/LG
2	Z2 20BK**
3	T106 20GY/OR
4	G70 20BR/TN
5	G19 18GY/BK*
5	205 18WT/VT**
6	D98 20WT* ▲
7	D1 18VT/BR ▲
8	D2 18WT/BK ▲
9	D21 20BK/PK
10	V18 20YL/LG
11	D41 20LG/WT
12	S1 20BK/YL* ▲
13	S2 20BK/LG* ▲
14	S3 20PK/WT* ▲
14	F83 18YL/DG ▲▲
15	S4 20VT* ▲
16	V3 18BR/WT
17	V66 18VT/WT
18	F83 18YL/DG
19	D1 18VT/BR
20	D2 18WT/BK



C235

CAV	CIRCUIT
1	D83 20BK/PK ▲
2	D2 18WT/BK ▲
3	D1 18VT/BR ▲
4	D98 20WT▲
5	205 20WT/VT
6	G70 20BR/TN ▲
7	T106 20GY/OR
8	V30 20DB/LG
9	G68 20BR/YL
10	D2 18WT/BK
11	D1 18VT/BR
12	F83 18YL/DG
13	V66 16VT/WT
14	V3 18BR/WT
15	S4 20VT* ▲
16	S3 20PK/WT* ▲
17	S2 20BK/LG* ▲
18	S1 20BK/YL* ▲
19	D41 20LG/WT
20	V18 20YL/LG

\* GAS

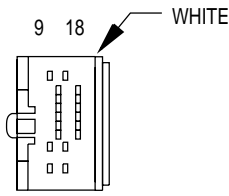
\*\* DIESEL

● UNITED STATES

●● DAYTIME RUNNING LAMPS

▲ LHD

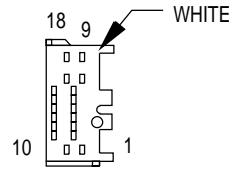
▲▲ RHD ■ ATC



1 10

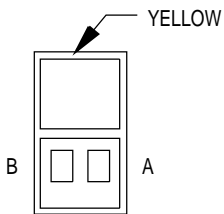
**C236**

CAV	CIRCUIT
1	-
2	L101 20RD
3	L102 20WT
4	L103 20LB
5	L104 20LG
6	L105 20PK
7	L106 20YL
8	F99 20OR
9	-
10	-
11	Z1 18BK
12	Z2 18BK/OR
13	K4 20BK/LB**
14	-
15	-
16	-
17	-
18	-



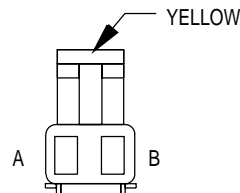
**C236**

CAV	CIRCUIT
1	-
2	L101 20RD
3	L102 20WT
4	L103 20LB
5	L104 20LG
6	L105 20PK
7	L106 20YL
8	F99 20OR
9	-
10	-
11	Z1 18BK
12	Z2 18BK/OR
13	-
14	-
15	-
16	-
17	-
18	-



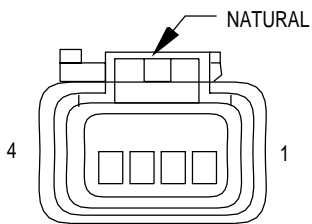
**C300**

CAV	CIRCUIT
A	R44 18DB
B	R42 18VT



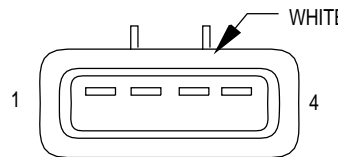
**C300**

CAV	CIRCUIT
A	R44 18DG/YL
B	R42 18BK/YL



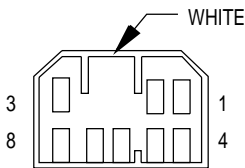
**C301**

CAV	CIRCUIT
1	C15 12BK/WT
2	Z1 14BK
3	P7 18LB/BK
4	P8 18LB/WT



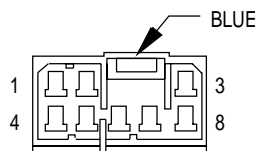
**C301**

CAV	CIRCUIT
1	C15 12BK/WT
2	Z1 14BK
3	P7 20LB*
4	P8 20LB/WT*



**C302**

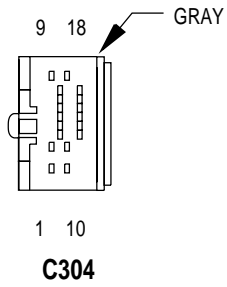
CAV	CIRCUIT
1	D1 18VT/BR
2	D2 18WT/BK
3	-
4	F71 20PK/DG
5	-
6	E2 20OR
7	P112 20YL/WT
8	P114 20YL/BK



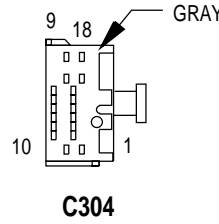
**C302**

CAV	CIRCUIT
1	D1 18VT/BR
2	D2 18WT/BK
3	-
4	F71 18PK/DG
5	-
6	E2 18OR
7	P112 18YL/WT
8	P114 18YL/BK

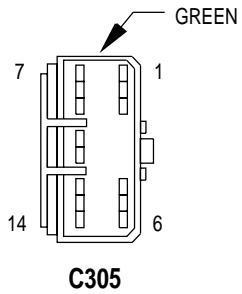
\* HEATED SEATS  
\*\* DIESEL



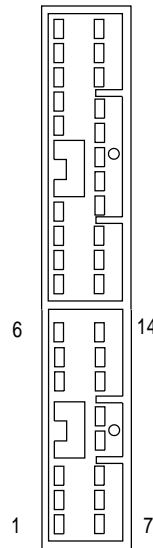
CAV	CIRCUIT
1	-
2	G9 20GY/BK
3	B1 18YL/DB
4	B2 18YL
5	-
6	B41 18YL/VT
7	B42 18TN/WT
8	B43 18PK/OR
9	-
10	G40 18LB/BK
11	-
12	B3 18LG/DB
13	B4 18LG
14	-
15	K4 20BK/LB*
15	K167 20BR/YL**
16	L50 18WT/TN
17	-
18	A64 16DG/WT*
18	A64 16OR/DB**



CAV	CIRCUIT
1	-
2	G9 20GY/BK
3	B1 20YL/DB
4	B2 20YL
5	-
6	B41 20YL/VT
7	B42 20TN/WT
8	B43 20PK/OR
9	-
10	G40 20LB/BK
11	-
12	B3 20LG/DB
13	B4 20LG
14	-
15	K167 20BR/YL
16	L50 18WT/TN
17	-
18	A64 16DG/WT



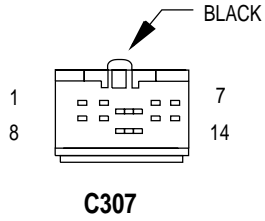
CAV	CIRCUIT
1	-
2	-
3	V24 18BR/OR
4	V20 18BK/WT
5	X55 16BR/RD
6	X53 16DG
7	X54 16VT
8	X56 16DB
9	Z5 14BK/LB
10	X51 16BR/YL
11	X57 16BR/LB
12	L50 18WT/TN
13	X52 16DB/WT
14	X58 16DB/OR



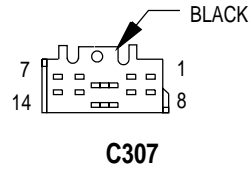
CAV	CIRCUIT
1	X53 20DG
2	X55 20BR/RD
3	V20 18WT/BK
4	V24 18BR/OR
5	-
6	-
7	X58 20DB/OR
8	X52 20DB/WT
9	L50 18WT/TN
10	X57 20BR/LB
11	X51 20BR/YL
12	Z5 16BK
13	X56 20DB
14	X54 20VT/YL

C305

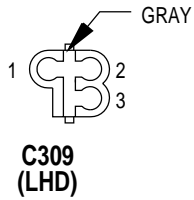
\* GAS  
\*\* DIESEL



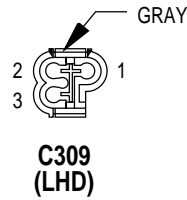
CAV	CIRCUIT
1	X82 16LB/RD
2	X80 16LB/DG
3	L61 18LG
3	L61 18LG
4	L60 18TN
4	L60 18TN
5	G46 20LB/BK
6	V13 18BR/LG
7	L36 18LG/OR
8	Z2 18BK/OR
9	K255 20WT/DG**
10	K151 20WT**
11	K6 20VT/WT**
12	K22 20OR/DB**
13	X85 16LG/BK
14	X87 16LG/RD



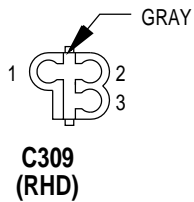
CAV	CIRCUIT
1	X82 20LB/RD
2	X80 20LB/BK
3	L61 18DG
4	L60 18TN
5	G46 20BK/LB
6	V13 18BR/LG
7	L36 18LG
8	Z2 18BK/OR
9	K255 20WT/DG**
10	K151 20WT**
11	K6 20VT/WT**
12	K22 20OR/DB**
13	X85 20LG/BK
14	X87 20LG/RD



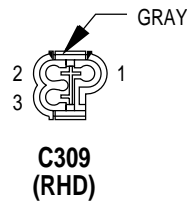
CAV	CIRCUIT
1	Q17 14DB/WT
2	Q27 14RD/BK
3	P34 14PK/BK



CAV	CIRCUIT
1	Q17 14DB/WT
2	Q27 14RD/BK
3	P34 14PK/BK

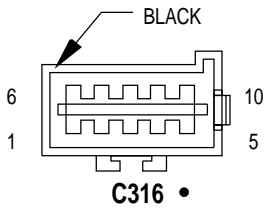


CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	P34 14PK/BK

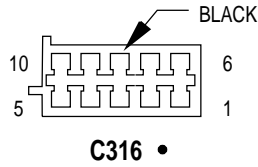


CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	P34 14PK/BK

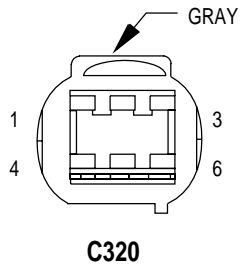
\*\* DIESEL



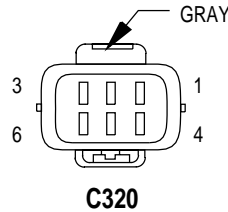
CAV	CIRCUIT
1	L36 18LG/OR
	L36 18LG/OR
2	L50 18WT/TN
3	L90 18DB/RD*
	L90 18DB/RD
4	L22 18LB
5	L21 18LB/WT
6	L74 18PK/BK
7	L73 18PK/WT
8	L87 18DG/WT
9	Z1 18BK
10	-



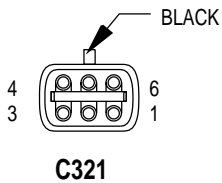
CAV	CIRCUIT
1	L36 18LG/OR
2	L50 18WT/TN
3	L90 18DB/RD
	L90 18DB/RD
4	L90 18DB/RD
	L90 18DB/RD
5	L90 18DB/RD
6	L50 18WT/TN
7	L50 18WT/TN
8	L50 18WT/TN
9	G46 20LB/BK
10	F87 18WT/PK



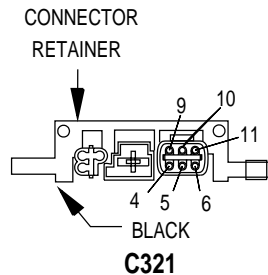
CAV	CIRCUIT
1	L74 18PK/BK
2	L22 18LB
3	L10 18BR/LG
4	Z1 18BK
5	L60 18TN
5	L60 18TN
6	L36 18LG/OR



CAV	CIRCUIT
1	L74 18PK/BK
2	L22 18LB
3	L10 18BR/LG
4	Z1 18BK
5	L61 18LG
6	L36 18LG/BK



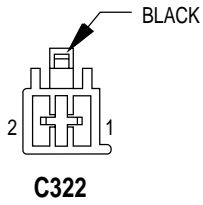
CAV	CIRCUIT
1	-
2	-
3	G71 20VT/YL
4	L90 18DB/RD
5	-
6	G78 20TN/BK



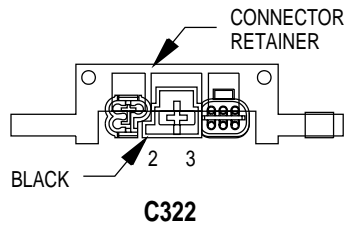
CAV	CIRCUIT
4	-
5	-
6	G71 20VT/YL
9	G78 16DB/RD
10	-
11	L90 20DB/RD

• WITHOUT LAMP OUTAGE MODULE, C1 AND C2 MATE TO MAKE C316

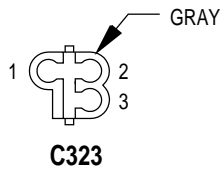
\* OPTIONAL  
\*\* DIESEL



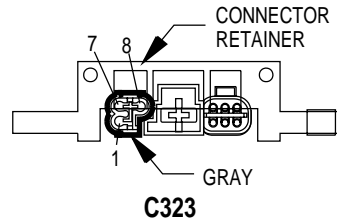
CAV	CIRCUIT
1	-
2	C15 12BK/WT



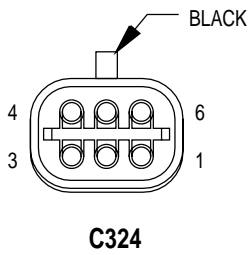
CAV	CIRCUIT
2	-
3	C15 12BK/LB



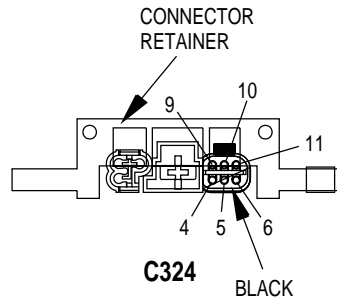
CAV	CIRCUIT
1	-
2	F70 14PK/BK
3	P2 14BKWT



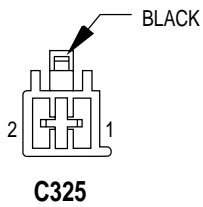
CAV	CIRCUIT
1	P2 16BK/WT
7	F70 16PK/BK
8	-



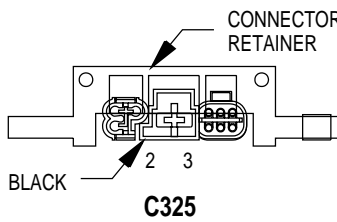
CAV	CIRCUIT
1	V13 18BR/LG
2	-
3	-
4	V20 18BK/WT
5	-
6	V24 18BR/OR



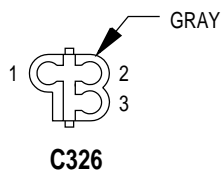
CAV	CIRCUIT
4	V13 18BR/LG
5	-
6	-
9	V24 18BR/OR
10	-
11	V20 18BK/WT



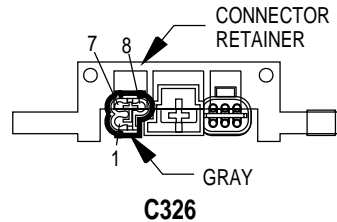
CAV	CIRCUIT
1	-
2	Z1 12BK



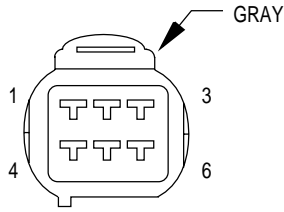
CAV	CIRCUIT
2	-
3	Z1 12BK



CAV	CIRCUIT
1	L87 18DG/WT
2	Z1 18BK
3	P34 14PK/BK

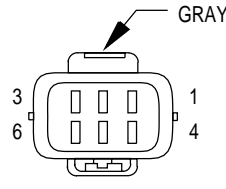


CAV	CIRCUIT
1	P34 16PK/BK
7	Z1 18BK
8	L87 18DG/WT



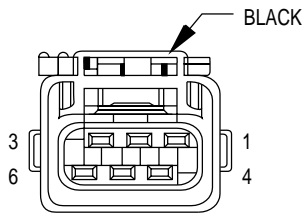
**C328**

CAV	CIRCUIT
1	L73 18PK/WT
2	L21 18LB/WT
3	L10 18BR/LG
4	Z1 18BK
5	L61 18LG
6	L36 18LG/OR



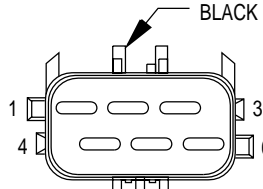
**C328**

CAV	CIRCUIT
1	L73 18PK/WT
2	L21 18LB/WT
3	L10 18BR/LG
4	Z1 18BK
5	L61 18LG
6	L36 18LG/BK



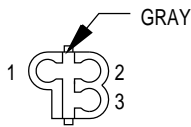
**C329**

CAV	CIRCUIT
1	F35 16RD
2	Z1 16BK
3	D1 18VT/BR
4	D2 18WT/BK
5	P7 18LB/BK
6	F71 18PK/DG



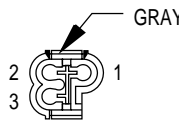
**C329**

CAV	CIRCUIT
1	F35 14RD
2	Z1 14BK
3	D1 20VT/BR
4	D2 20WT/BK
5	P7 18LB/BK
6	F87 18PK/DG



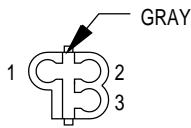
**C330  
(LHD)**

CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	P34 14PK/BK



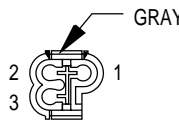
**C330  
(LHD)**

CAV	CIRCUIT
1	Q18 14GY/BK
2	Q28 14DG/WT
3	P34 14PK/BK



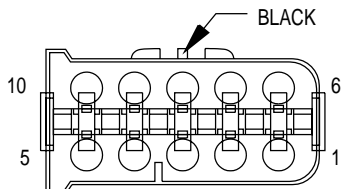
**C330  
(RHD)**

CAV	CIRCUIT
1	Q17 14DB/WT
2	Q27 14RD/BK
3	P34 14PK/BK



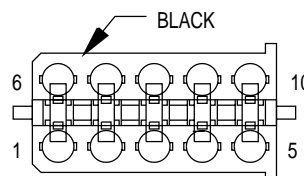
**C330  
(RHD)**

CAV	CIRCUIT
1	Q17 14DB/WT
2	Q27 14RD/BK
3	P34 14PK/BK



**C331**

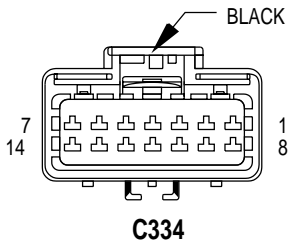
CAV	CIRCUIT
1	-
2	L90 18DB/RD
3	L10 18BR/LG
4	L61 18LG/OR
5	L60 18TN/OR
6	F70 18PK/BK
7	-
8	B40 12LB
9	Z1 12BK
10	-



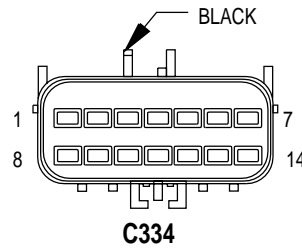
**C331**

CAV	CIRCUIT
1	-
2	L90 18DB/RD
3	L10 18BR/LG
4	L61 18LG
5	L60 18TN
6	F70 18PK/BK
7	-
8	B40 12LB
9	Z1 12BK
10	-

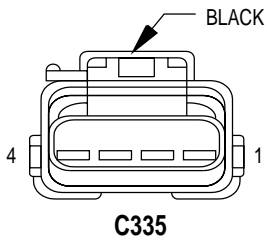




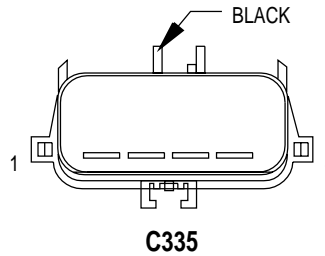
CAV	CIRCUIT
1	Z1 12BK
2	-
3	F81 12TN
4	E21 18OR/RD
5	Q17 14DB/WT
6	X53 16DG**
6	X87 16LG/RD*
7	Q27 14RD/BK
8	X55 16BR/RD**
8	X85 16LG/BK*
9	P114 18YL/BK
10	-
11	P112 18YL/WT
12	D2 18WT/BK
13	D1 18VT/BR
14	G71 20VT/YL



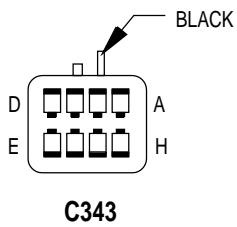
CAV	CIRCUIT
1	Z1 12BK
2	-
3	F81 12TN
4	E21 18OR
5	Q17 16DB/WT
6	X53 20DG
7	Q27 16RD/BK
8	X55 20BR/RD
9	P114 20YL/BK
10	-
11	P112 20YL/WT
12	D2 18WT/BK
13	D1 18VT/BR
14	G71 20VT/YL



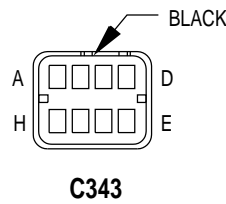
CAV	CIRCUIT
1	F35 16RD
2	Z1 16BK
3	P8 18LB/WT
4	F71 18PK/DG



CAV	CIRCUIT
1	F35 14RD
2	Z1 14BK
3	P8 18LB/WT
4	F87 18WT/BK

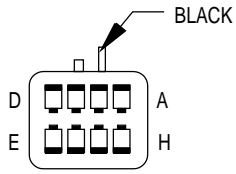


CAV	CIRCUIT
A	X93 16WT/RD*
A	X51 16BR/YL**
B	X91 16WT/BK*
B	X57 16BR/LB**
C	P2 16BK/WT
D	Z1 16BK
E	E21 18OR/RD



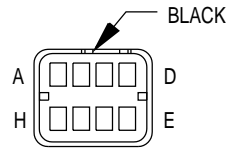
CAV	CIRCUIT
A	X52 20DB/WT
B	X58 20DB/OR
C	P2 18BK/WT
D	Z1 16BK
E	E21 20OR/RD

\* PREMIUM RADIO  
 \*\* STANDARD RADIO



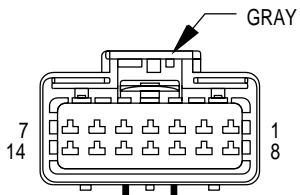
**C345**

CAV	CIRCUIT
A	X94 16TN/RD*
A	X52 16DB/WT**
B	X92 16TN/BK*
B	X58 16DB/OR**
C	P2 16BK/WT
D	Z1 16BK
E	E20 18OR/DB
F	-
G	-
H	-



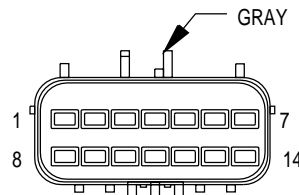
**C345**

CAV	CIRCUIT
A	X52 20DB/WT
B	X58 20DB/OR
C	P2 18BK/WT
D	Z1 16BK
E	E20 20OR/DG
F	-
G	-
H	-



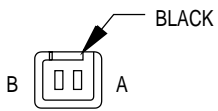
**C351**

CAV	CIRCUIT
1	Z1 12BK
2	-
3	F81 12TN
4	E20 18OR/DB
5	Q18 14GY/BK
6	X54 16VT**
6	X82 16LB/RD*
7	Q28 14DG/WT
8	X56 16DB**
8	X80 16LB/DG*
9	P2 14BK/WT
10	P34 14PK/BK
11	-
12	D2 18WT/BK
13	D1 18VT/BR
14	G71 20VT/YL



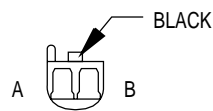
**C351**

CAV	CIRCUIT
1	Z1 12BK
2	-
3	F81 12TN
4	E20 18OR/DB
5	Q18 16GY/BK
6	X54 20VT
7	Q28 16DG/WT
8	X56 20DB/RD
9	P2 14BK/WT
10	P34 14PK/BK
11	-
12	D2 18WT/BK
13	D1 18VT/BR
14	G71 20VT/YL



**C353**

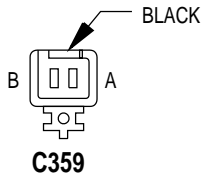
CAV	CIRCUIT
A	P114 20YL/BK
B	P112 20YL/WT



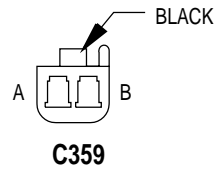
**C353**

CAV	CIRCUIT
A	P114 20YL/BK
B	P112 20YL/WT

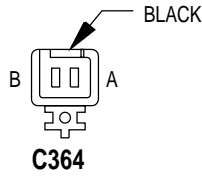
\* PREMIUM RADIO  
 \*\* STANDARD RADIO



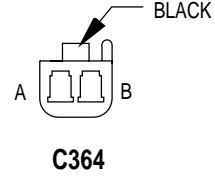
CAV	CIRCUIT
A	L87 18DG/WT
B	Z1 18BK



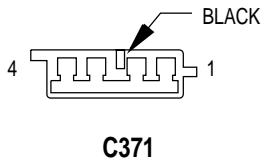
CAV	CIRCUIT
A	L87 20DG/WT
B	Z1 20BK



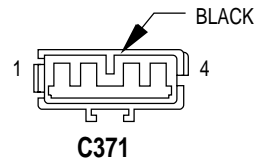
CAV	CIRCUIT
A	Z1 20BK
B	L90 20DB/RD



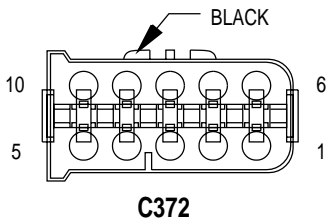
CAV	CIRCUIT
A	Z1 20BK
B	L90 20DB/RD



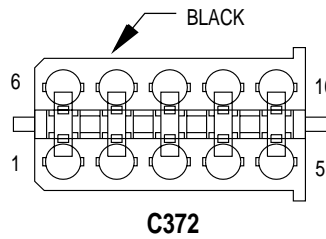
CAV	CIRCUIT
1	Z1 16BK
2	Q41 16WT
3	Q42 16LB
4	F86 16LG/BK



CAV	CIRCUIT
1	Z1 16BK
2	Q41 16WT
3	Q42 16LB
4	F86 16LG/BK

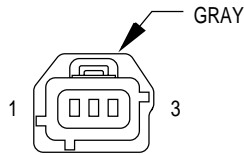


CAV	CIRCUIT
1	L50 18WT/TN
2	L90 18DB/RD
3	L10 18BR/LG
4	L61 18LG
	L61 18LG*
5	L60 18TN
	L60 18TN*
6	F70 16PK/BK
7	B40 12LB
8	Z1 12BK
9	-
10	-



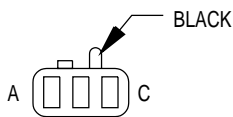
CAV	CIRCUIT
1	L50 18WT/TN
2	L90 18DB/RD
3	L10 18BR/LG
4	L61 18LG
5	L60 18TN
6	F70 16PK/BK
7	B40 12LB
8	Z1 12BK
9	-
10	-

\* FACTORY TRAILER  
TOW ONLY



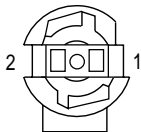
**CAMSHAFT  
POSITION SENSOR  
(GAS)**

CAV	CIRCUIT	FUNCTION
1	K25 20WT/BK	5-VOLT SUPPLY
1	K24 18GY/BK*	CAMSHAFT POSITION SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND
3	K25 20WT/BK*	5-VOLT SUPPLY
3	K24 18GY/BK	CAMSHAFT POSITION SENSOR SIGNAL



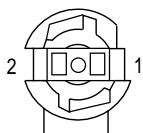
**CARGO LAMP**

CAV	CIRCUIT	FUNCTION
A	M2 20YL	COURTESY LAMP RELAY OUTPUT
B	M1 20PK	FUSED B(+)
C	M4 20WT/LG	LIFTGATE COURTESY LAMP DISABLE



**CENTER HIGH  
MOUNTED STOP  
LAMP NO. 1**

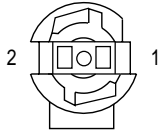
CAV	CIRCUIT	FUNCTION
1	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
2	Z1 20BK	GROUND
	Z1 20BK	GROUND



**CENTER HIGH  
MOUNTED STOP  
LAMP NO. 2**

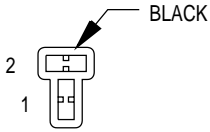
CAV	CIRCUIT	FUNCTION
1	L87 20DG/WT	STOP LAMP SWITCH OUTPUT
2	Z1 20BK	GROUND

\*4.0L



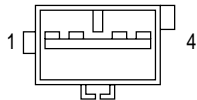
**CENTER HIGH MOUNTED STOP LAMP NO. 3**

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



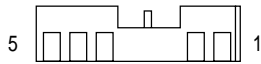
**CIGAR LIGHTER (RHD)**

CAV	CIRCUIT	FUNCTION
1	F30 18RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	Z1 18BK	GROUND



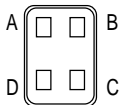
**CIGAR LIGHTER/POWER OUTLET (LHD)**

CAV	CIRCUIT	FUNCTION
1	F38 18OR	FUSED B(+)
2	Z1 16BK	GROUND
3	E2 18OR/RD	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
4	F30 18RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)



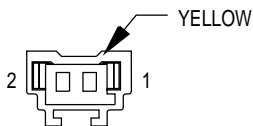
**CLOCKSPRING - C1**

CAV	CIRCUIT	FUNCTION
1	K95 20PK	VEHICLE SPEED CONTROL SWITCH SIGNAL
2	K4 18BK/LB	SENSOR GROUND
3	709 20RD/BK	RADIO CONTROL MUX
4	Z2 20BK/OR	GROUND
5	X4 20GY/OR	HORN RELAY CONTROL



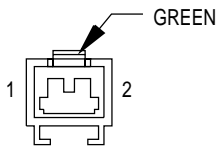
**CLOCKSPRING - C2**

CAV	CIRCUIT	FUNCTION
A	K95 20PK	VEHICLE SPEED CONTROL SWITCH SIGNAL
B	K4 20BK/LB	SENSOR GROUND
C	709 20RD/BK	RADIO CONTROL MUX
D	Z2 20BK/LG	GROUND

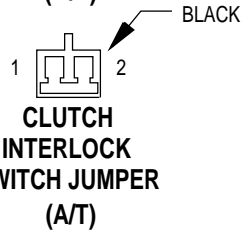


**CLOCKSPRING - C3**

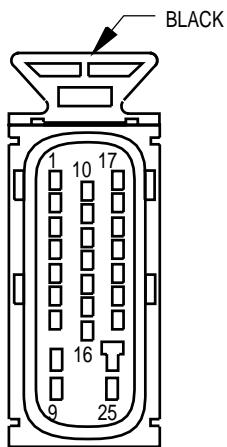
CAV	CIRCUIT	FUNCTION
1	R45 18DG/LB	DRIVER AIR BAG LINE 2
2	R43 18BK/LB	DRIVER AIR BAG LINE 1



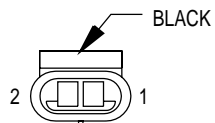
**CLUTCH INTERLOCK SWITCH (M/T)**



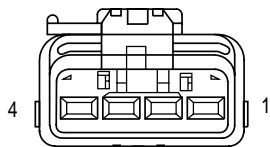
**CLUTCH INTERLOCK SWITCH JUMPER (A/T)**



**CONTROLLER ANTI-LOCK BRAKE**



**COOLANT LEVEL SENSOR**



**COOLING FAN MOTOR (MAX COOLING)**

CAV	CIRCUIT	FUNCTION
1	T141 14YL/RD	CLUTCH INTERLOCK SWITCH SENSE
2	A41 14YL	IGNITION SWITCH OUTPUT START

CAV	CIRCUIT	FUNCTION
1	T141 14YL/RD	
2	T141 14YL/RD	

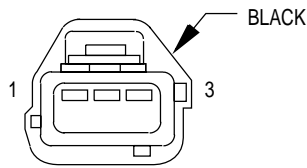
CAV	CIRCUIT	FUNCTION
1	B1 18YL/DB	RIGHT REAR WHEEL SPEED SENSOR (-)
2	B3 18LG/DB	LEFT REAR WHEEL SPEED SENSOR (-)
3	B7 18WT	RIGHT FRONT WHEEL SPEED SENSOR (+)
4	B9 18RD	LEFT FRONT WHEEL SPEED SENSOR (+)
5	-	-
6	B41 18YL/VT	G SWITCH NO. 1 SENSE
7	B42 18TN/WT	G SWITCH NO. 2 SENSE
8	Z2 12BK	GROUND
9	A20 14RD/LG	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	G19 18GY/BK*	ABS WARNING LAMP DRIVER
16	205 18WT/VT**	ABS WARNING LAMP DRIVER
17	B2 18YL	RIGHT REAR WHEEL SPEED SENSOR (+)
18	B6 18WT/DB	RIGHT FRONT WHEEL SPEED SENSOR (-)
19	-	-
20	D21 18BK/PK	SCI RECEIVE
20	D83 18BK/PK**	SCI RECEIVE
21	-	-
22	-	-
23	F12 18DB/WT*	FUSED IGNITION SWITCH OUTPUT (RUN)
23	F12 20DB/WT**	FUSED IGNITION SWITCH OUTPUT (RUN)
24	Z2 12BK	GROUND
25	A10 12RD/DB	FUSED B(+)

CAV	CIRCUIT	FUNCTION
1	G18 20PK/BK**	ENGINE COOLANT LEVEL SENSE
1	G18 16PK/BK*	ENGINE COOLANT LEVEL SENSE
2	K167 20BR/YL**	SENSOR RETURN
2	Z1 16BK*	GROUND

CAV	CIRCUIT	FUNCTION
1	C25 10RD/WT	HIGH SPEED RADIATOR FAN OUTPUT
2	-	-
3	C23 10DG	LOW SPEED RADIATOR FAN OUTPUT
4	Z1 10BK	GROUND

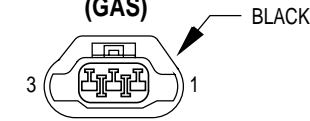
\* GAS

\*\* DIESEL



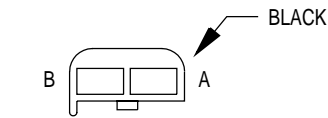
**CRANKSHAFT POSITION SENSOR (GAS)**

CAV	CIRCUIT	FUNCTION
1	K27 18RD/LG	CRANKSHAFT POSITION SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND
3	K25 20WT/BK	5-VOLT SUPPLY



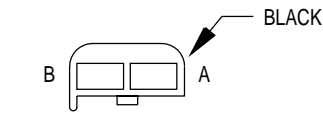
**CRANKSHAFT POSITION SENSOR (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	Z3 20BK/OR	GROUND
2	-	-
3	K24 20GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL



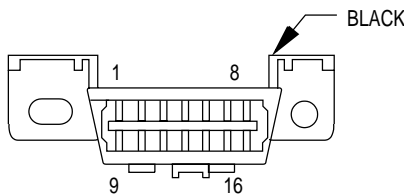
**CRUISE SWITCH NO. 1**

CAV	CIRCUIT	FUNCTION
A	K95 20PK	VEHICLE SPEED CONTROL SWITCH SIGNAL
B	K4 20BK/LB	SENSOR GROUND



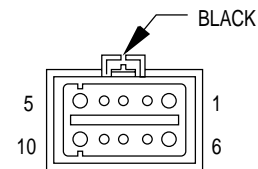
**CRUISE SWITCH NO. 2**

CAV	CIRCUIT	FUNCTION
A	K95 20PK	VEHICLE SPEED CONTROL SWITCH SIGNAL
B	K4 20BK/LB	SENSOR GROUND



**DATA LINK CONNECTOR**

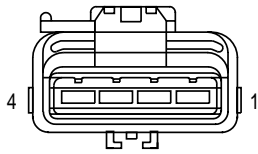
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D1 18VT/BR	CCD BUS(+)
4	Z1 18BK	GROUND
5	Z2 18BK/OR	GROUND
6	D84 20BK/WT	SCI TRANSMIT
7	D83 20BK/PK	SCI RECIEVE
8	-	-
9	-	-
10	-	-
11	D2 18WT/BK	CCD BUS (-)
12	D98 20WT*	SCI TRANSMIT
13	-	-
14	-	-
15	-	-
16	F75 18VT	FUSED B(+)



**DAYTIME RUNNING LAMP MODULE**

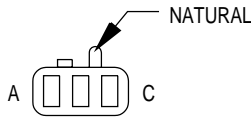
CAV	CIRCUIT	FUNCTION
1	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
2	-	-
3	G9 20GY/BK	RED BRAKE WARNING LAMP DRIVER
4	G34 20RD/GY	HIGH BEAM INDICATOR DRIVER
5	F83 20YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
6	A6 14RD/LB	FUSED B(+)
7	-	-
8	Z4 16BK	HVAC GROUND
9	Z4 20BK	HVAC GROUND
10	L4 16VT/OR	LOW BEAM RELAY OUTPUT

\* LHD



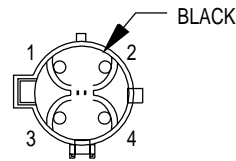
**DIAGNOSTIC CONNECTOR (MAX COOLING)**

CAV	CIRCUIT	FUNCTION
1	F143 16LG/RD	FUSED B(+)
1	F99 16OR*	FUSED B(+)
2	Z1 16BK	GROUND
3	C29 16TN	IGNITION RELAY
4	C4 16TN/BK	LOW SPEED COOLING FAN RELAY



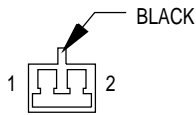
**DOME/READING LAMP**

CAV	CIRCUIT	FUNCTION
A	Z1 20BK	GROUND
B	M2 20YL	COURTESY LAMP RELAY OUTPUT
C	M1 20PK	FUSED B(+)



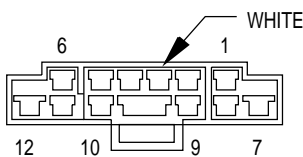
**DOWNSTREAM HEATED OXYGEN SENSOR**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	Z12 18BK/TN	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K141 18BK/PK	DOWNSTREAM HEATED OXYGEN SENSOR SIGNAL



**DRIVER DOOR COURTESY LAMP**

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

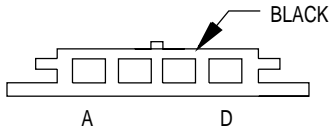


**DRIVER DOOR MODULE - C1**

CAV	CIRCUIT	FUNCTION
1	Q11 16LB	LEFT FRONT WINDOW DRIVER (UP)
2	Q21 16WT	LEFT FRONT WINDOW DRIVER (DOWN)
3	Q17 16DB/WT	LEFT REAR WINDOW DRIVER (UP)
4	Q27 16RD/BK	LEFT REAR WINDOW DRIVER (DOWN)
5	P34 18PK/BK	LEFT FRONT DOOR UNLOCK DRIVER
6	P35 18OR/VT	LEFT FRONT DOOR LOCK DRIVER
7	Z1 12BK	GROUND
8	D1 18VT/BR	CCD BUS (+)
9	D2 18WT/BK	CCD BUS (-)
10	E21 18OR	LEFT REAR DOOR SWITCH ILLUMINATION
11	M1 20PK	MUX COURTESY LAMP DRIVER
12	F81 12TN	FUSED B(+)

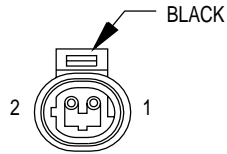
\* 4.0L





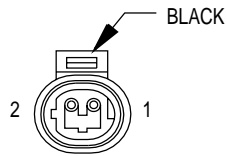
**DRIVER DOOR  
MODULE - C2**

CAV	CIRCUIT	FUNCTION
A	Z1 20BK	GROUND
B	P22 20BR	5 VOLT SUPPLY
C	G49 20OR	SET LED DRIVER
D	M1 20GY	SWITCHED MUX LED SUPPLY



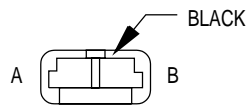
**DRIVER FRONT  
CYLINDER  
LOCK SWITCH**

CAV	CIRCUIT	FUNCTION
1	G71 20VT/YL	VTSS DISARM SENSE
2	Z1 20BK	GROUND



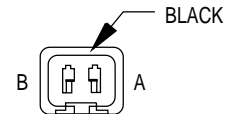
**DRIVER FRONT  
DOOR LOCK  
MOTOR**

CAV	CIRCUIT	FUNCTION
1	P34 18PK/BK	LEFT FRONT DOOR UNLOCK DRIVER
2	P35 18OR/VT	LEFT FRONT DOOR LOCK DRIVER



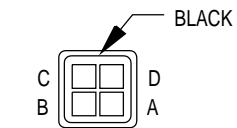
**DRIVER FRONT  
DOOR SPEAKER**

CAV	CIRCUIT	FUNCTION
A	X53 20DG	LEFT FRONT (+)
B	X55 20BR/RD	LEFT FRONT (-)



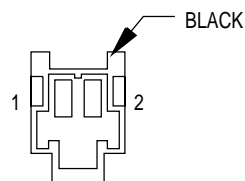
**DRIVER HEATED  
SEAT BACK**

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



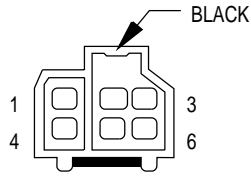
**DRIVER HEATED  
SEAT CUSHION**

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



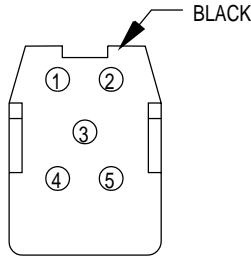
**DRIVER LUMBAR  
MOTOR**

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



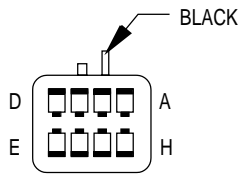
**DRIVER LUMBAR  
SENSOR/MOTOR**

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



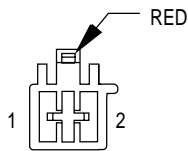
**DRIVER LUMBAR  
SWITCH**

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



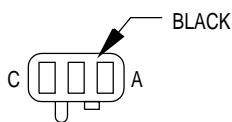
**DRIVER OUTSIDE  
POWER MIRROR**

CAV	CIRCUIT	FUNCTION
A	F75 20YL	HORIZONTAL DRIVER
B	Z1 20BK	HEATER SWITCHED GROUND
C	F84 20VT	VERTICAL POSITION SENSOR SIGNAL
D	F86 20GY	SENSOR GROUND
E	F85 20GN	HORIZONTAL POSITION SENSOR SIGNAL
F	C16 20BK	HEATER 12-VOLT SUPPLY
G	F73 20DB	COMMON DRIVER
H	F71 20WT	VERTICAL DRIVER



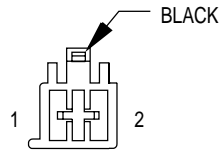
**DRIVER POWER  
SEAT FRONT  
RISER MOTOR**

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



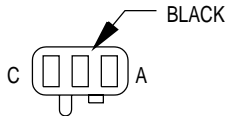
**DRIVER POWER  
SEAT FRONT  
RISER MOTOR  
SENSOR (MEMORY)**

CAV	CIRCUIT	FUNCTION
A	P28 20BR/RD	SENSOR GROUND
B	P26 20BR	FRONT RISER POSITION SENSE
C	P29 20BR/WT	6-VOLT SENSOR SUPPLY



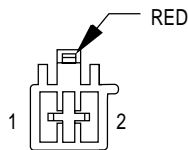
**DRIVER POWER SEAT HORIZONTAL MOTOR**

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



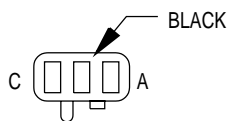
**DRIVER POWER SEAT HORIZONTAL MOTOR SENSOR (MEMORY)**

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



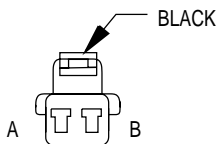
**DRIVER POWER SEAT REAR RISER MOTOR**

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



**DRIVER POWER SEAT REAR RISER MOTOR SENSOR (MEMORY)**

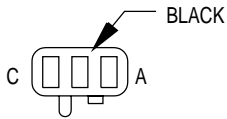
CAV	CIRCUIT	FUNCTION
A	P28 20BR/RD	SENSOR GROUND
B	P27 20LB/RD	REAR RISER POSITION SENSE
C	P29 20BR/WT	6-VOLT SENSOR SUPPLY



**DRIVER POWER SEAT RECLINER MOTOR**

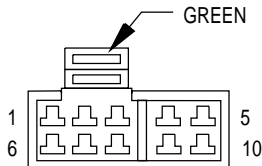
CAV	CIRCUIT	FUNCTION
A	P41 16GY/WT	RECLINER DOWN DRIVER
B	P43 16GY/LB	RECLINER DOWN DRIVER

\* MEMORY SEATS



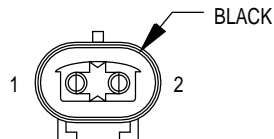
**DRIVER POWER SEAT RECLINER MOTOR SENSOR (MEMORY)**

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



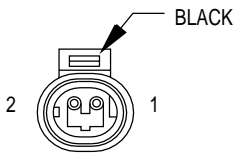
**DRIVER POWER SEAT SWITCH**

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



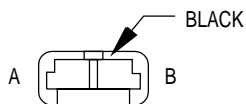
**DRIVER POWER WINDOW MOTOR**

CAV	CIRCUIT	FUNCTION
1	Q11 16LB	LEFT FRONT WINDOW DRIVER (UP)
2	Q21 16WT	LEFT FRONT WINDOW DRIVER (DOWN)



**DRIVER REAR DOOR LOCK MOTOR**

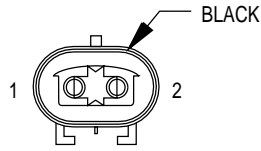
CAV	CIRCUIT	FUNCTION
1	P34 18PK/BK	DOOR UNLOCK DRIVER
2	P2 18BK/WT	DOOR LOCK DRIVER



**DRIVER REAR DOOR SPEAKER**

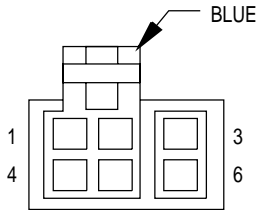
CAV	CIRCUIT	FUNCTION
A	X52 20DB/WT	LEFT REAR (+)
B	X58 20DB/OR	LEFT REAR (-)

\* MEMORY SEATS  
● RHD



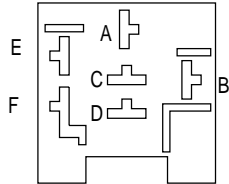
**DRIVER REAR  
POWER WINDOW  
MOTOR**

CAV	CIRCUIT	FUNCTION
1	Q12 16BR	LEFT REAR WINDOW DRIVER (UP)
2	Q22 16VT	LEFT REAR WINDOW DRIVER (DOWN)



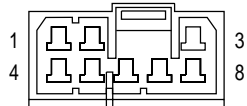
**DRIVER REAR  
POWER WINDOW  
SWITCH**

CAV	CIRCUIT	FUNCTION
1	Q17 14DB/WT	LEFT REAR WINDOW DRIVER (UP)
2	Q12 16BR	LEFT REAR WINDOW DRIVER (UP)
3	E21 20OR/DG	LEFT REAR DOOR SWITCH ILLUMINATION
4	Q27 14RD/BK	LEFT REAR WINDOW DRIVER (DOWN)
5	Q22 16VT	LEFT REAR WINDOW DRIVER (DOWN)
6	Z1 16BK	GROUND



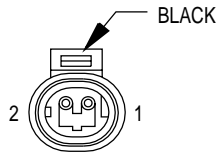
**DRIVER SEAT  
HEATER CONTROL  
MODULE (LHD)**

CAV	CIRCUIT	FUNCTION
A	P87 16BK/OR	HEATED SEAT DRIVER
B	-	-
C	F87 18PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
D	F35 16RD	FUSED B(+)
E	P7 18LB/BK	DRIVER HEATED SEAT SWITCH OUTPUT
F	Z1 16BK	GROUND
G	-	-
H	-	-



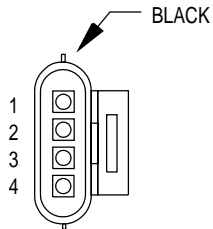
**DRIVER SEAT  
HEATER CONTROL  
MODULE (RHD)**

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



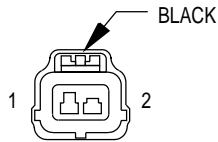
**DUTY CYCLE  
EVAP/PURGE  
SOLENOID**

CAV	CIRCUIT	FUNCTION
1	F99 20OR	IGNITION SWITCH OUTPUT (ST-RUN)
2	K52 18PK/BK	EVAPORATIVE EMISSION SOLENOID CONTROL



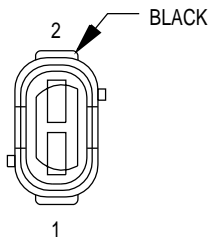
**ELECTRONIC  
VACUUM  
MODULATOR  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A142 16DG/OR	AUTO SHUTDOWN RELAY OUTPUT
2	K35 16GY/YL	EGR SOLENOID CONTROL
4	Z1 18BK	GROUND



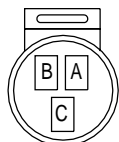
**ENGINE COOLANT  
TEMPERATURE  
SENSOR (4.0L)**

CAV	CIRCUIT	FUNCTION
1	K2 16TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
2	K4 16BK/LB	SENSOR GROUND



**ENGINE COOLANT  
TEMPERATURE  
SENSOR (5.2L/5.9L)**

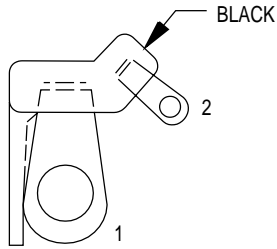
CAV	CIRCUIT	FUNCTION
1	K2 16TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
2	K4 16BK/LB	SENSOR GROUND



**ENGINE COOLANT  
TEMPERATURE  
SENSOR (DIESEL)**

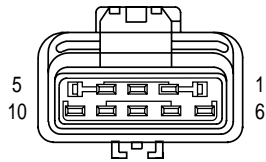
CAV	CIRCUIT	FUNCTION
A	K2 20TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
B	K4 20BK/LB	SENSOR GROUND
C	K222 20TN/RD	SECONDARY ENGINE COOLANT TEMPERATURE SENSOR

\*\* DIESEL



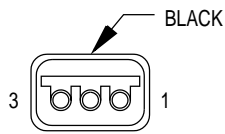
**ENGINE STARTER MOTOR**

CAV	CIRCUIT	FUNCTION
1	A0 6RD*	B(+)
1	A0 20RD**	B(+)
2	T40 12LG/BK*	ENGINE STARTER MOTOR RELAY OUTPUT
2	T40 14LG/BK**	ENGINE STARTER MOTOR RELAY OUTPUT



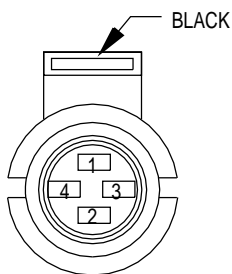
**FACTORY TRAILER TOW CONNECTOR**

CAV	CIRCUIT	FUNCTION
1	-	-
2	L60 18TN	RIGHT TURN SIGNAL
3	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
4	F70 18PK/BK	FUSED B(+)
5	L90 18DB/RD	PARK LAMP RELAY OUTPUT
6	-	-
7	B40 14LB	TRAILER TOW OUTPUT
8	Z1 14BK	GROUND
9	-	-
10	L61 18LG	LEFT TURN SIGNAL



**FLOOR CONSOLE LAMPS**

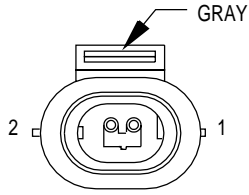
CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	-	-
3	E2 18OR	PANEL LAMP DRIVER



**FOUR WHEEL DRIVE SWITCH**

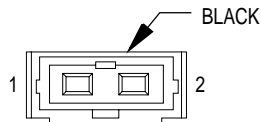
CAV	CIRCUIT	FUNCTION
1	Z12 20BK/TN*	POWER GROUND
1	Z1 20BK**	GROUND
2	T106 20GY/OR	-
3	G28 20LG/OR	TRANSMISSION TEMPERATURE LAMP DRIVER
4	T107 20BK/RD	-

\* GAS  
\*\* DIESEL



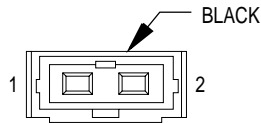
**FUEL HEATER  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A64 14DG/WT	ELECTRIC PUMP FEED
2	Z1 14BK	GROUND



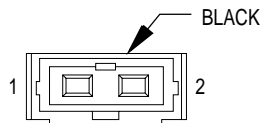
**FUEL INJECTOR  
NO. 1**

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



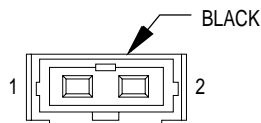
**FUEL INJECTOR  
NO. 2**

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



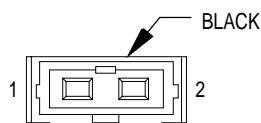
**FUEL INJECTOR  
NO. 3**

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



**FUEL INJECTOR  
NO. 4**

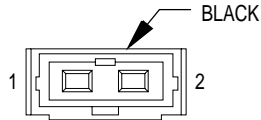
CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K14 18LB/BR	INJECTOR NO. 4 DRIVER



**FUEL INJECTOR  
NO. 5**

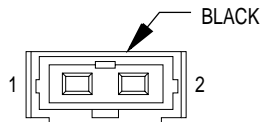
CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K38 18GY	INJECTOR NO. 5 DRIVER





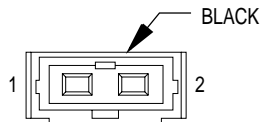
**FUEL INJECTOR  
NO. 6**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K58 18BR/YL	INJECTOR NO. 6 DRIVER



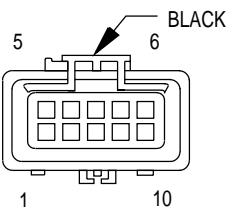
**FUEL INJECTOR  
NO. 7  
(5.2L/5.9L)**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K17 18DB/WT	INJECTOR NO. 7 DRIVER



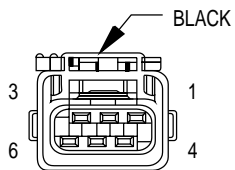
**FUEL INJECTOR  
NO. 8  
(5.2L/5.9L)**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K18 18DB/YL	INJECTOR NO. 8 DRIVER



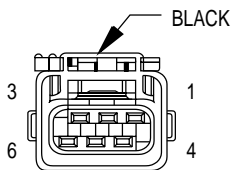
**FUEL PUMP  
MODULE (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	K134 20LB/BK	SLEEVE POSITION SENSOR (-)
2	K57 20LG/OR	CONT SLEEVE POSITION SENSOR
3	K135 20WT/BK	SLEEVE POSITION SENSOR (+)
4	K4 20BK/LB	SENSOR GROUND
5	K238 16VT	FUEL TIMING SHUTOFF SOLENOID
6	K153 20OR	SHUTOFF FEED
7	K156 20GY	FUEL TEMP SENSOR SIGNAL
8	K140 14TN/WT	FUEL QUANTITY ACTUATOR GROUND
9	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
10	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



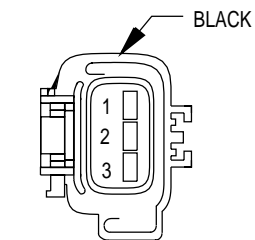
**FUEL PUMP  
MODULE (GAS)**

CAV	CIRCUIT	FUNCTION
1	A64 16DG/WT	FUEL PUMP RELAY OUTPUT
2	-	-
3	G40 20LB/BK	LOW
4	K167 20BR/YL	SENSOR RETURN
5	-	-
6	Z1 16BK	GROUND



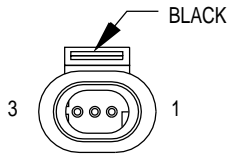
**FUEL SENDER  
UNIT (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A64 16DG/WT	FUEL PUMP RELAY OUTPUT
2	-	-
3	G40 20LB/BK	LOW
4	K167 20BR/YL	SENSOR RETURN
5	-	-
6	Z1 16BK	GROUND



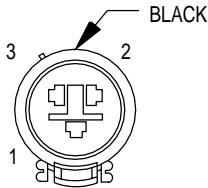
**FUEL TIMING  
SOLENOID (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A142 16DG/BK	AUTOMATIC SHUTDOWN RELAY OUTPUT
2	D238 16VT	FUEL TIMING SHUTOFF SOLENOID
3	K153 20OR	SHUTOFF (+)



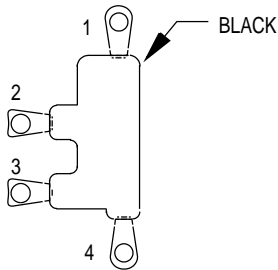
**G-SWITCH**

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



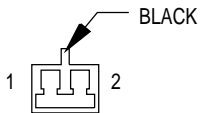
**GENERATOR (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	-	-
3	K20 18DG/YL	GENERATOR FIELD DRIVER



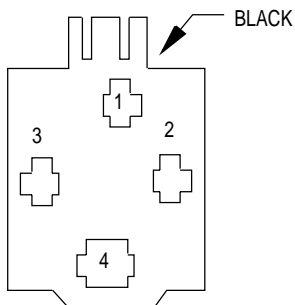
**GENERATOR (GAS)**

CAV	CIRCUIT	FUNCTION
1	Z0 8BK	GROUND
2	K72 18DG/VT	GENERATOR DRIVER
3	K20 18DG	GENERATOR FIELD DRIVER
4	-	-



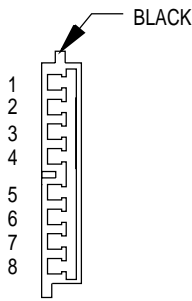
**GLOVE BOX LAMP**

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



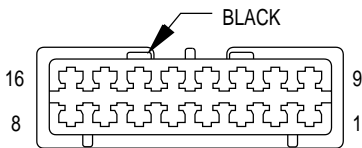
**GLOW PLUG RELAY (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	A0 10RD	BATTERY POSITIVE
2	K152 16WT	GLOW PLUG RELAY CONTROL SENSE
3	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
4	K154 10GY	GLOW PLUG RELAY CONTROL



**HEADLAMP LEVELING SWITCH  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	L106 20YL	HEADLAMP LEVELING POSITION 6
3	L103 20LB	HEADLAMP LEVELING POSITION 3
4	L104 20LG	HEADLAMP LEVELING POSITION 4
5	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
6	L101 20RD	HEADLAMP LEVELING POSITION 1
7	L102 20WT	HEADLAMP LEVELING POSITION 2
8	L105 20PK	HEADLAMP LEVELING POSITION 5



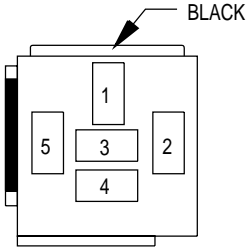
**HEADLAMP SWITCH**

CAV	CIRCUIT	FUNCTION
1	E2 20OR	PANEL LAMP DRIVER
2	Z1 16BK	GROUND
3	M11 20PK/LB	SWITCHED COURTESY LAMP FEED
4	L39 20LB	FOG LAMP RELAY OUTPUT
5	Z1 16BK	GROUND
6	L35 20BR/WT	FOG LAMP SWITCH OUTPUT
7	L96 20LG/RD	REAR FOG LAMP SWITCH GROUND
8	707 20BK/WT	PANEL LAMP DIMMER SWITCH SIGNAL
9	A6 14RD/LB	FUSED B(+)
10	-	-
11	F34 16TN/BK	LOW HEADLAMP SWITCH SENSE
12	-	-
13	L24 20LB/RD	AUTO HEADLAMP SWITCH SENSE
14	-	-
15	366 16PK/OR	PARK LAMP FEED
16	L90 20DB/RD	PARK LAMP RELAY OUTPUT



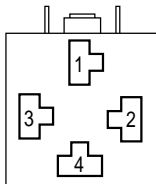
**HIGH PRESSURE CUT-OUT SWITCH (MAX COOLING)**

CAV	CIRCUIT	FUNCTION
1	C29 16TN	IGNITION RELAY CONTROL
1	C4 16TN/BK*	
2	Z1 16BK	GROUND



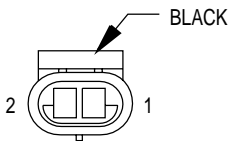
**HIGH SPEED BLOWER MOTOR RELAY**

CAV	CIRCUIT	FUNCTION
1	A19 14RD/VT	FUSED B(+)
2	C42 12BR/RD	BLOWER MOTOR DRIVER
3	-	-
4	C41 20BR	HIGH BLOWER MOTOR RELAY CONTROL
5	A19 12DG/RD	FUSED B(+)
6	-	-



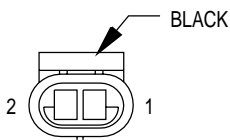
**HIGH SPEED COOLING FAN RELAY (MAX COOLING)**

CAV	CIRCUIT	FUNCTION
1	C25 10RD/WT	RADIATOR FAN RELAY OUTPUT
2	Z1 16BK	GROUND
3	C111 16DG/YL	BLOWER RELAY FEED
4	F143 10LG/RD	FUSED B(+)
4	F141 10LG/RD*	FUSED B(+)



**HORN NO. 1**

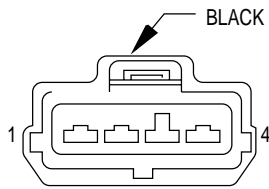
CAV	CIRCUIT	FUNCTION
1	X2 16DG/YL	HORN RELAY OUTPUT
2	Z1 16BK	GROUND



**HORN NO. 2**

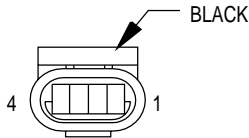
CAV	CIRCUIT	FUNCTION
1	X2 16DG/YL	HORN RELAY OUTPUT
2	Z1 16BK	GROUND

\* 4.0L



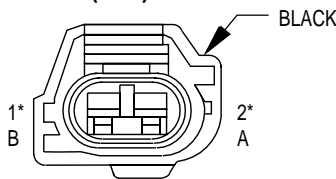
**IDLE AIR CONTROL MOTOR (4.0L)**

CAV	CIRCUIT	FUNCTION
1	K60 16YL/BK	IDLE AIR CONTROL NO. 2 DRIVER
2	K59 16VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
3	K40 16BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
4	K39 16GY/RD	IDLE AIR CONTROL NO. 1 DRIVER



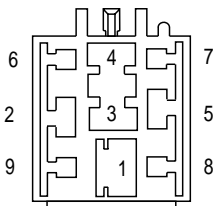
**IDLE AIR CONTROL MOTOR (5.2L)**

CAV	CIRCUIT	FUNCTION
1	K39 16GY/RD	IDLE AIR CONTROL NO. 1 DRIVER
2	K40 16BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
3	K59 16VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
4	K60 16YL/BK	IDLE AIR CONTROL NO. 2 DRIVER



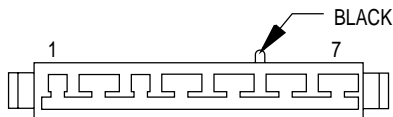
**IGNITION COIL**

CAV	CIRCUIT	FUNCTION
A	K19 18GY/WT	IGNITION COIL NO. 1 DRIVER
B	A142 18DG/OR	AUTOMATIC SHUTDOWN RELAY OUTPUT
1*	A142 18DG/OR	AUTOMATIC SHUTDOWN RELAY OUTPUT
2*	K19 18GY/WT	IGNITION COIL NO. 1 DRIVER



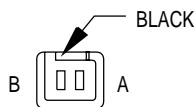
**IGNITION RELAY (MAX COOLING)**

CAV	CIRCUIT	FUNCTION
1	F99 16OR	FUSED IGNITION (ST-RUN)
2	F99 16OR	FUSED IGNITION (ST-RUN)
3	C116 16LG/WT	LOW SPEED RELAY FEED
4	C111 16DG/YL	RELAY OUTPUT
5	C29 16TN	RELAY CONTROL
6	-	-
7	-	-
8	-	-
9	-	-



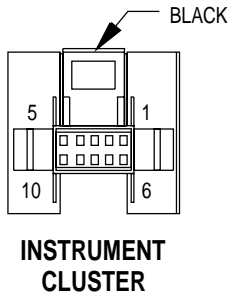
**IGNITION SWITCH**

CAV	CIRCUIT	FUNCTION
1	A41 14YL	IGNITION SWITCH OUTPUT (ST)
2	A21 12DB/GY	IGNITION SWITCH OUTPUT (ST-RUN)
3	G9 18GY/BK	RED BRAKE WARNING LAMP DRIVER
4	A1 12RD/WT	FUSED B(+)
5	A22 12BK/OR	IGNITION SWITCH OUTPUT (RUN)
6	A31 12RD/BK	IGNITION SWITCH OUTPUT (RUN-ACC)
7	A1 12RD/WT	FUSED B(+)

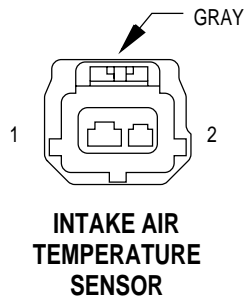


**IN-CAR TEMPERATURE SENSOR**

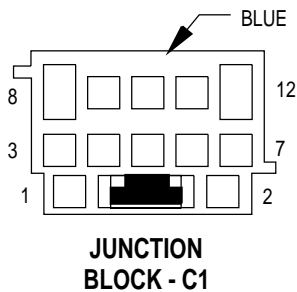
CAV	CIRCUIT	FUNCTION
A	C10 20RD/TN	IN-CAR TEMPERATURE SENSOR SIGNAL
B	D41 20LG/WT	SENSOR GROUND



CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	Z2 20BK/OR	GROUND
3	F75 18VT	FUSED B(+)
4	205 20WT/VT	ABS WARNING LAMP DRIVER
5	F87 20BK/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
6	L65 18LG/DB	LEFT TURN SIGNAL
7	L64 18TN/DB	RIGHT TURN SIGNAL
8	D1 18VT/BR	CCD BUS (+)
9	D2 18WT/BK	CCD BUS (-)
10	E2 20OR	PANEL LAMP DRIVER

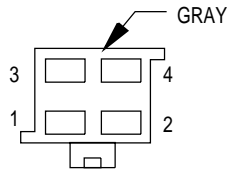


CAV	CIRCUIT	FUNCTION
1	K21 16BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
2	K4 16BK/LB	SENSOR GROUND



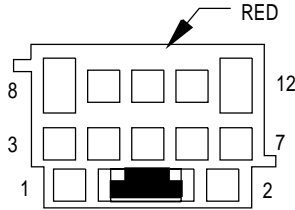
CAV	CIRCUIT	FUNCTION
1	M1 18PK	FUSED B(+)
2	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
3	-	-
4	-	-
5	-	-
6	-	-
7	T107 20BK/RD	4-WHEEL DRIVE PART TIME LAMP
8	-	-
9	L90 18DB/RD	PARK LAMP RELAY OUTPUT
10	-	-
11	F12 18DB/WT*	FUSED IGNITION SWITCH OUTPUT (RUN)
11	F12 20DB/WT**	FUSED IGNITION SWITCH OUTPUT (RUN)
12	-	-

\* GAS  
\*\* DIESEL



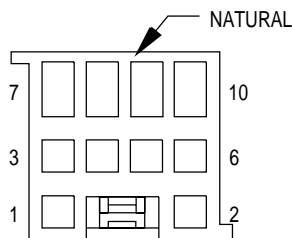
**JUNCTION  
BLOCK - C2**

CAV	CIRCUIT	FUNCTION
1	A21 12DB/GY	IGNITION SWITCH OUTPUT (ST-RUN)
2	A7 12YL/RD	FUSED B(+)
3	A900 12OR/YL	FUSED B(+)
4	A250 10RD	FUSED B(+)



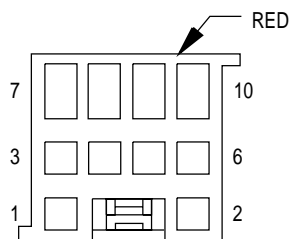
**JUNCTION  
BLOCK - C3**

CAV	CIRCUIT	FUNCTION
1	X4 20GY/OR	HORN RELAY CONTROL
2	-	-
3	G28 20LG/OR	2-WHEEL DRIVE LAMP/LOW RANGE
4	L39 18LB	FOG LAMP RELAY OUTPUT
5	F62 18RD	FUSED B(+)
6	-	-
7	-	-
8	A6 14RD/LB	FUSED B(+)
9	-	-
10	-	-
11	L64 18TN/DB	TURN SIGNAL SWITCH OUTPUT
12	F86 16LG/RD	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)



**JUNCTION  
BLOCK - C4**

CAV	CIRCUIT	FUNCTION
1	L64 18TN/DB	RIGHT TURN SIGNAL INDICATOR LAMP
2	107 20BK/RD	4-WHEEL DRIVE PART TIME LAMP
3	F30 18RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	A31 18RD/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	L64 18TN/DB	RIGHT TURN SIGNAL INDICATOR LAMP
6	107 20BK/RD**	4-WHEEL DRIVE PART TIME LAMP
7	F86 16LG/BK*	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
	F86 16LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
8	F75 18VT	FUSED B(+)
9	F75 18VT	FUSED B(+)
10	L11 16LG/BK**	FLASH TO PASS

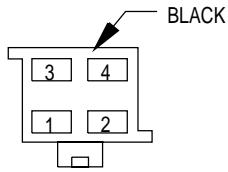


**JUNCTION  
BLOCK - C5**

CAV	CIRCUIT	FUNCTION
1	L5 18OR/BK	TURN SIGNAL
2	G28 20LG/OR	2-WHEEL DRIVE OR REAR WHEEL IN ALL TIME
3	-	-
4	Z1 18BK	GROUND
5	X60 20DG/RD	RADIO 12 VOLT OUTPUT
6	G28 20LG/OR	ALL TIME FRONT WHEELS
7	-	-
8	F34 16TN/BK	AUTOMATIC HEADLAMP RELAY OUTPUT
9	A6 14RD/LB	FUSED B(+)
10	A22 12BK/OR	FUSED IGNITION SWITCH OUTPUT (RUN)

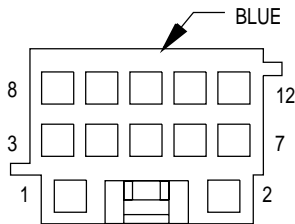
\* POWER SUNROOF  
\*\* LHD





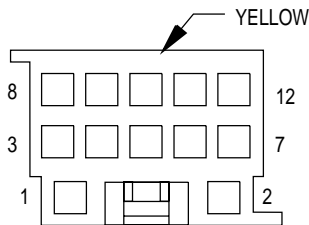
**JUNCTION  
BLOCK - C6**

CAV	CIRCUIT	FUNCTION
1	A31 12RD/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	A21 12DB/GY	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
3	C15 12BK/WT	REAR WINDOW DEFOGGER RELAY OUTPUT
4	F61 16WT/OR	FUSED B(+)



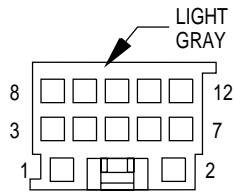
**JUNCTION  
BLOCK - C7**

CAV	CIRCUIT	FUNCTION
1	X12 18RD/GY	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	L95 18DG/YL	FUSED B(+)
4	A31 18RD/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	L12 18VT/TN	HAZARD SIGNAL
6	L36 18LG	REAR FOG LAMP
7	L96 20LG/RD	REAR FOG LAMP RELAY CONTROL
8	L39 20LB	FOG LAMP RELAY OUTPUT
9	Z1 18BK	GROUND
10	L95 18DG/YL	FUSED B(+)
11	-	-
12	X4 20GY/OR	HORN RELAY CONTROL



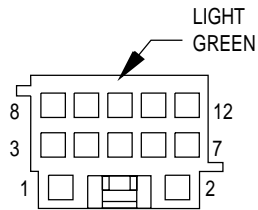
**JUNCTION  
BLOCK - C8**

CAV	CIRCUIT	FUNCTION
1	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
2	M2 20YL	COURTESY LAMP RELAY OUTPUT
3	M1 20PK	FUSED B(+)
4	L90 20DB/RD	PARK LAMP RELAY OUTPUT
5	L90 20DB/RD	PARK LAMP RELAY OUTPUT
6	M1 20PK	FUSED B(+)
7	M2 20YL	COURTESY LAMP RELAY OUTPUT
8	M1 20PK	FUSED B(+)
9	-	-
10	L90 20DB/RD	PARK LAMP SWITCH OUTPUT
11	M1 20PK	FUSED B(+)
12	M2 20YL	COURTESY LAMP RELAY OUTPUT



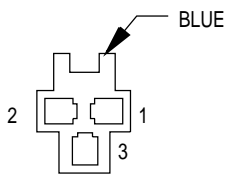
**JUNCTION BLOCK - C9**

CAV	CIRCUIT	FUNCTION
1	C16 20LB/YL	REAR WINDOW DEFOGGER LAMP DRIVER
2	F38 18OR	FUSED B(+)
3	-	-
4	F71 20DG/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
5	F60 20RD/WT	FUSED B(+)
6	-	-
7	-	-
8	F87 20BK/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
9	F71 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
10	F60 20RD/WT	FUSED B(+)
11	366 16PK/OR	PARK LAMP FEED
12	F60 20WT/RD*	FUSED B(+)



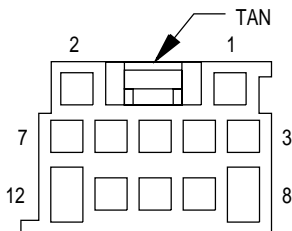
**JUNCTION BLOCK - C10**

CAV	CIRCUIT	FUNCTION
1	L95 20DG/YL	FOG LAMP RELAY CONTROL
2	V23 18BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	L16 18RD/LG	FUSED B(+)
4	-	-
5	V23 20BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	M112 20BR/LG	COURTESY LAMP RELAY CONTROL
7	X4 20GY/OR	HORN RELAY CONTROL
8	C14 20WT/RD	REAR WINDOW DEFOGGER RELAY CONTROL
9	-	-
10	L79 20TN	PARK LAMP RELAY CONTROL
11	L90 20DB/RD	PARK LAMP RELAY OUTPUT
12	714 20BK/OR	AUTOMATIC HEADLAMP RELAY CONTROL



**JUNCTION BLOCK - C11**

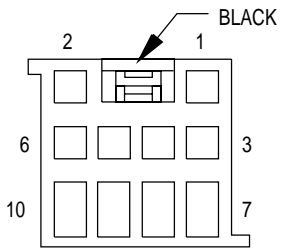
CAV	CIRCUIT	FUNCTION
1	X17 20DG	POWER ANTENNA UP CONTROL
2	X14 20WT	POWER ANTENNA DOWN CONTROL
3	X16 20GY	POWER ANTENNA DRIVER



**JUNCTION BLOCK - C13**

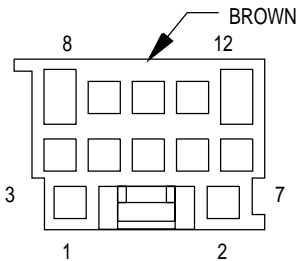
CAV	CIRCUIT	FUNCTION
1	F20 18WT	FUSED IGNITION SWITCH OUTPUT (RUN)
2	-	-
3	-	-
4	L90 18DB/RD	PARK LAMP RELAY OUTPUT
5	M1 20PK	FUSED B(+)
6	-	-
7	F87 18WT/PK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
8	F75 14VT	FUSED B(+)
9	-	-
10	-	-
11	-	-
12	F35 16RD	FUSED B(+)

\* ATC



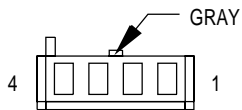
**JUNCTION  
BLOCK - C14**

CAV	CIRCUIT	FUNCTION
1	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
2	G5 18DB/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
3	M2 20YL	COURTESY LAMP RELAY OUTPUT
4	X60 18DG/RD	RADIO 12-VOLT OUTPUT
5	-	-
6	-	-
7	F81 12TN	FUSED B(+)
8	F70 14PK/BK	FUSED B(+)
9	F81 12TN	FUSED B(+)
10	F35 16RD	FUSED B(+)



**JUNCTION  
BLOCK - C15**

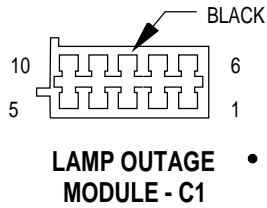
CAV	CIRCUIT	FUNCTION
1	-	-
2	Z1 16BK	GROUND
3	F83 20YL/DG*	FUSED IGNITION SWITCH OUTPUT (RUN)
3	F83 20BK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
4	-	-
5	-	-
6	-	-
7	L10 20BK/RD	BACK-UP LAMP SWITCH OUTPUT
8	-	-
9	M1 20PK	FUSED B(+)
10	-	-
11	M2 20YL	COURTESY LAMP RELAY OUTPUT
12	-	-



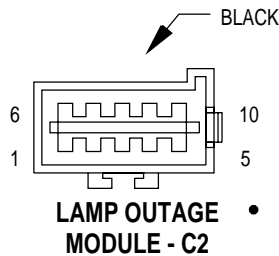
**KEY-IN SWITCH/  
HALO LAMP**

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	G26 20LB	KEY-IN IGNITION SWITCH SENSE
3	M2 20YL	COURTESY LAMP RELAY OUTPUT
4	M1 20PK	FUSED B(+)

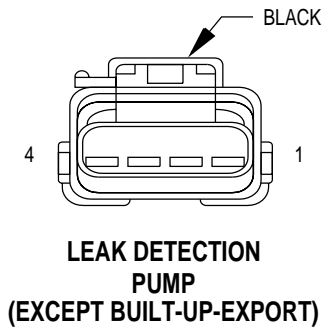
\* OVERHEAD CONSOLE



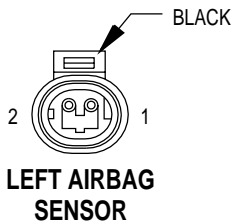
CAV	CIRCUIT	FUNCTION
1	L36 18LG/OR	REAR FOG LAMP
2	L50 18WT/TN	STOP LAMP SWITCH OUTPUT
3	L90 18DB/RD	PARK LAMP RELAY OUTPUT
	L90 18DB/RD	PARK LAMP RELAY OUTPUT
4	L90 18DB/RD	PARK LAMP RELAY OUTPUT
	L90 18DB/RD	PARK LAMP RELAY OUTPUT
5	L90 18DB/RD	PARK LAMP RELAY OUTPUT
6	L50 18WT/TN	STOP LAMP SWITCH OUTPUT
7	L50 18WT/TN	STOP LAMP SWITCH OUTPUT
8	L50 18WT/TN	STOP LAMP SWITCH OUTPUT
9	G46 20LB/BK	REAR LAMP OUT INDICATOR DRIVER
10	F87 18WT/PK	FUSED IGNITION SWITCH OUTPUT (ST-RUN)



CAV	CIRCUIT	FUNCTION
1	L36 18LG/OR	REAR FOG LAMP
	L36 18LG/OR	REAR FOG LAMP
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	L90 18DB/RD*	PARK LAMP RELAY OUTPUT
	L90 18DB/RD	PARK LAMP RELAY OUTPUT
4	L22 18LB	PARK LAMP SWITCH OUTPUT
5	L21 18LB/WT	PARK LAMP SWITCH OUTPUT
6	L74 18PK/BK	STOP LAMP SWITCH OUTPUT
7	L73 18PK/WT	STOP LAMP SWITCH OUTPUT
8	L87 18DG/WT	BRAKE LAMP SWITCH OUTPUT
9	Z1 18BK	GROUND
10	-	-



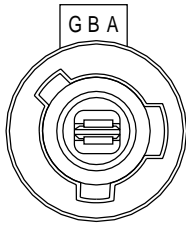
CAV	CIRCUIT	FUNCTION
1	-	-
2	F99 20OR	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
3	J95 18DG/RD	VAPOR CANISTER SOLENOID DRIVER
4	J96 18VT/RD	VAPOR CANISTER PUMP SWITCH DRIVER



CAV	CIRCUIT	FUNCTION
1	R47 18DB/LB	LEFT IMPACT SENSOR LINE 1
2	R49 18LB	LEFT IMPACT SENSOR LINE 2

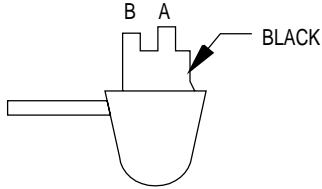
• WITHOUT LAMP OUTAGE MODULE, C1 AND C2 MATE TO MAKE C316

\* TRAILER TOW



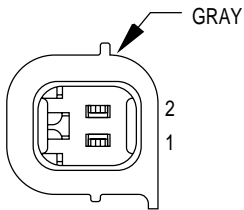
**LEFT BACK-UP LAMP**

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



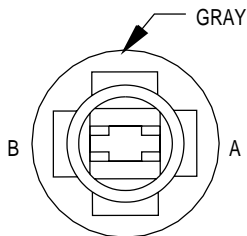
**LEFT COURTESY LAMP**

CAV	CIRCUIT	FUNCTION
A	M1 20PK	FUSED B(+)
B	M2 20YL	COURTESY LAMP RELAY OUTPUT



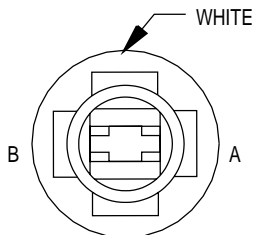
**LEFT FOG LAMP**

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L39 18LB	FOG LAMP RELAY SWITCH OUTPUT



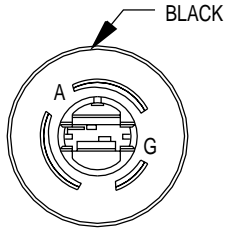
**LEFT FRONT SIDE MARKER LAMP**

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



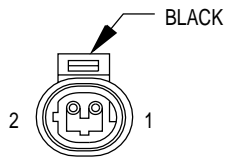
**LEFT FRONT PARK LAMP**

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



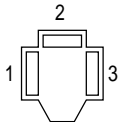
**LEFT FRONT  
TURN SIGNAL  
LAMP**

CAV	CIRCUIT	FUNCTION
A	L65 18LG/DB	TURN SIGNAL SWITCH OUTPUT
G	Z1 18BK	GROUND



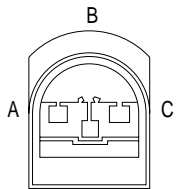
**LEFT FRONT  
WHEEL SPEED  
SENSOR**

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



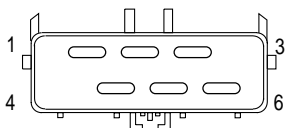
**LEFT HEADLAMP  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
1	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
2	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
3	Z1 16BK	GROUND



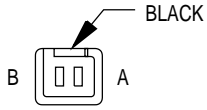
**LEFT HEADLAMP  
(EXCEPT BUILT-  
UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
A	Z1 16BK	GROUND
B	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
C	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT



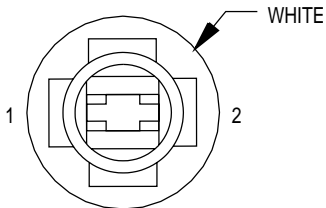
**LEFT HEADLAMP  
LEVELING MOTOR**

CAV	CIRCUIT	FUNCTION
1	L104 20LG	HEADLAMP LEVELING POSITION 4
2	L103 20LB	HEADLAMP LEVELING POSITION 3
3	L102 20WT	HEADLAMP LEVELING POSITION 2
4	L105 20PK	HEADLAMP LEVELING POSITION 5
5	L106 20YL	HEADLAMP LEVELING POSITION 6
6	L101 20RD	HEADLAMP LEVELING POSITION 1



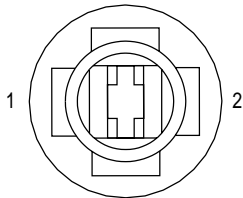
**LEFT INSTRUMENT  
PANEL SPEAKER**

CAV	CIRCUIT	FUNCTION
A	X87 20LG/RD	AMPLIFIED LEFT FRONT (+)
B	X85 20LG/BK	AMPLIFIED LEFT FRONT (-)



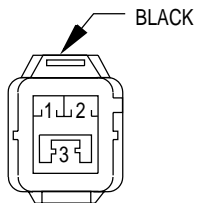
**LEFT LICENSE  
LAMP**

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



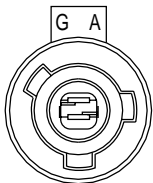
**LEFT PARK  
LAMP**

CAV	CIRCUIT	FUNCTION
1	L90 18DB/RD	PARK LAMP RELAY
2	Z1 18BK	GROUND



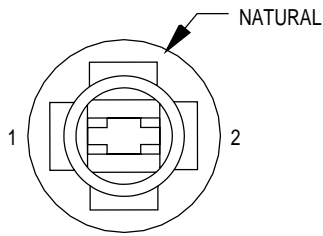
**LEFT PARK/  
TURN SIGNAL  
MARKER**

CAV	CIRCUIT	FUNCTION
1	L65 18LG/DB	LEFT FRONT TURN SIGNAL FEED
2	L90 18DB/RD	PARK LAMP SWITCH OUTPUT
3	Z1 18BK	GROUND



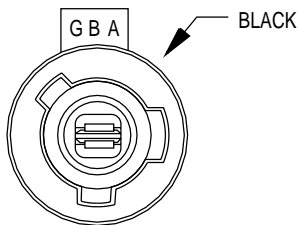
**LEFT REAR  
FOG LAMP  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
A	L36 18LG/BK	REAR FOG LAMP
G	Z1 18BK	GROUND



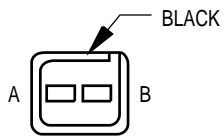
**LEFT REAR  
SIDE MARKER  
LAMP  
(EXCEPT BUILT-UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L21 18LB/WT	PARK LAMP SWITCH OUTPUT



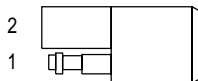
**LEFT REAR  
TURN SIGNAL  
LAMP**

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



**LEFT REAR  
WHEEL SPEED  
SENSOR**

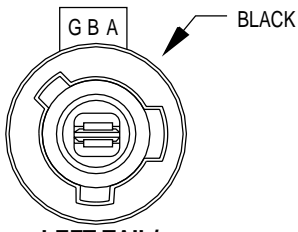
CAV	CIRCUIT	FUNCTION
A	B3 20LG/DB	LEFT REAR WHEEL SPEED SENSOR (-)
B	B4 20LG	LEFT REAR WHEEL SPEED SENSOR (+)



**LEFT SIDE  
REPEATER**

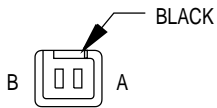
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L65 18LG/DB	LEFT FRONT TURN SIGNAL FEED





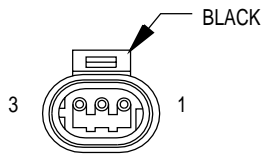
**LEFT TAIL/  
STOP LAMP**

CAV	CIRCUIT	FUNCTION
A	L73 18PK/WT	STOP LAMP SWITCH OUTPUT
B	L21 18LB/WT	PARK LAMP SWITCH OUTPUT
G	Z1 18BK	GROUND



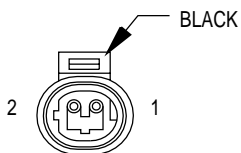
**LEFT VISOR/  
VANITY LAMP**

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



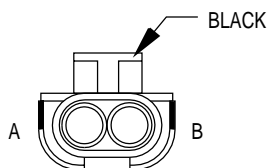
**LIFTGATE  
AJAR SWITCH**

CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	G78 16TN/BK	LIFTGATE AJAR SWITCH SENSE
3	-	-



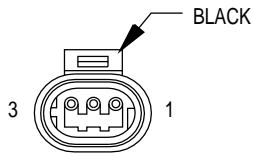
**LIFTGATE  
CYLINDER LOCK  
SWITCH**

CAV	CIRCUIT	FUNCTION
1	G71 20VT/YL	VTSS DISARM SENSE
2	Z1 20BK	GROUND



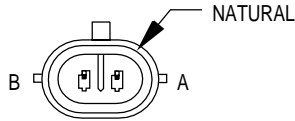
**LIFTGATE  
LOCK MOTOR**

CAV	CIRCUIT	FUNCTION
A	P2 16BK/WT	DOOR LOCK DRIVER
B	P34 16PK/BK	DOOR UNLOCK DRIVER



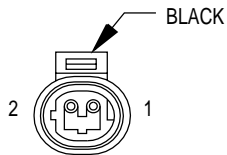
**LIFTGLASS  
AJAR SWITCH**

CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	G78 16TN/BK	LIFTGLASS AJAR SWITCH SENSE
3	-	-



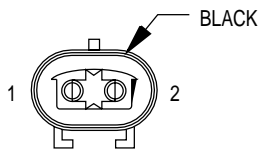
**LIFTGLASS  
LIMIT SWITCH**

CAV	CIRCUIT	FUNCTION
A	F70 16PK/BK	FUSED B(+)
B	P101 16OR/PK	LIFTGLASS LIMIT SWITCH OUTPUT



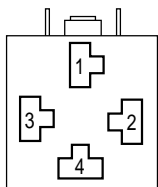
**LIFTGLASS  
PUSH BUTTON**

CAV	CIRCUIT	FUNCTION
1	P100 14OR/BR	LIFTGLASS PUSH BUTTON OUTPUT
2	P101 16OR/PK	LIFTGLASS LIMIT SWITCH OUTPUT



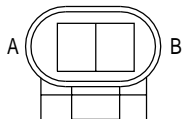
**LIFTGLASS  
RELEASE  
SOLENOID**

CAV	CIRCUIT	FUNCTION
1	P100 14OR/BR	LIFTGLASS PUSH BUTTON OUTPUT
2	Z1 14BK	GROUND



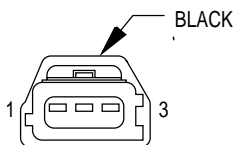
**LOW SPEED COOLING  
FAN RELAY  
(MAX COOLING)**

CAV	CIRCUIT	FUNCTION
1	C23 10DG	RELAY OUTPUT
2	C4 16TN/BK	RELAY CONTROL
3	C116 16LG/WT	FUSED IGNITION (ST-RUN)
4	F143 10LG/RD	FUSED B(+)
4	F141 10LG/RD*	FUSED B(+)



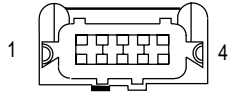
**LOWER HOSE  
COOLANT SWITCH  
(MAX COOLING)**

CAV	CIRCUIT	FUNCTION
A	C29 16TN	IGNITION RELAY CONTROL
B	Z1 16BK	GROUND



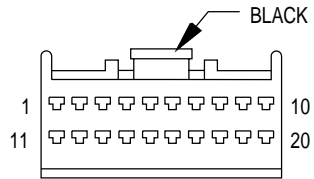
**MANIFOLD  
ABSOLUTE  
PRESSURE  
SENSOR**

CAV	CIRCUIT	FUNCTION
1	K4 20BK/LB	SENSOR GROUND
2	K70 18RD/WT	MAP SENSOR SIGNAL
3	K25 20WT/BK	5-VOLT SUPPLY



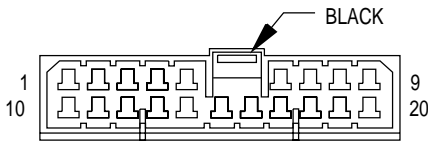
**MASS AIR  
FLOW MODULE**

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	K4 20BK/LB	SENSOR GROUND
3	A142 18DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
4	K155 20DB	AIR FLOW METER SIGNAL



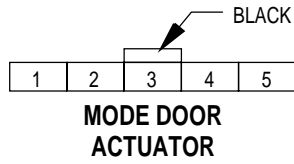
**MEMORY SEAT  
MODULE - C1**

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

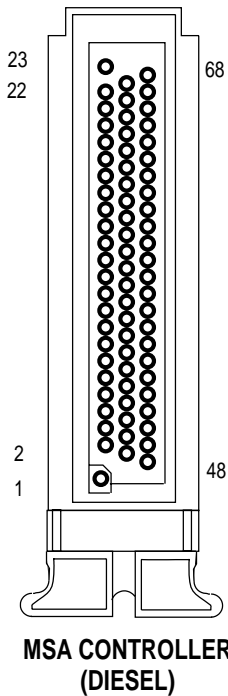


**MEMORY SEAT  
MODULE - C2**

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

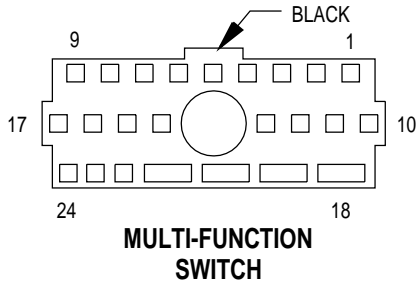


CAV	CIRCUIT	FUNCTION
1	C39 20YL	MODE DOOR MOTOR POSITION SENSE
2	C40 20DG/YL	5-VOLT SUPPLY
3	D41 20LG/WT	SENSOR RETURN
4	C38 20DG	MODE DOOR MOTOR DRIVER
5	C37 20TN/BK	MODE DOOR MOTOR DRIVER



CAV	CIRCUIT	FUNCTION
1	Z12 14BK/TN	POWER GROUND
2	G21 20GY/LB	TACHOMETER SIGNAL
3	K185 18OR/LB	WAIT TO START LAMP
4	K140 16TN/WT	FUEL QUANTITY ACTUATOR GROUND
5	K140 16TN/WT	FUEL QUANTITY ACTUATOR GROUND
7	K57 20LG/OR	CONT SLEEVE POSITION SENSE
8	K24 20GY/BK	CRANKSHAFT POSITION SENSOR
11	K68 18LG/YL	NEEDLE MOVE SENSOR (-)
12	K67 18BR/BK	NEEDLE MOVE SENSOR (+)
13	K155 20DB	AIR FLOW METER SIGNAL
14	K2 20TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
15	K22 20OR/DB	THROTTLE POSITION SENSOR SIGNAL
20	V32 20YL/RD	SPEED CONTROL ON/OFF SWITCH SENSE
21	Z3 20BK/OR	GROUND
23	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
24	Z12 16BK/TN	POWER GROUND
25	K35 16GY/YL	EGR SOLENOID CONTROL
26	K48 18OR/RD	FLT SIGNAL
27	K92 20PK	COIL DRIVER #2
28	C13 16DB/RD	A/C COMPRESSOR CLUTCH RELAY CONTROL
29	K134 20LB/BK	SLEEVE POSITION SENSOR (-)
33	K4 20BK/LB	SENSOR GROUND
36	K95 20PK/WT	VEHICLE SPEED CONTROL SWITCH SIGNAL
37	C103 20DG	A/C SWITCH SIGNAL
38	F99 20OR	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
42	K900 20PK/BK	AUTOMATIC SHUT DOWN RELAY CONTROL
43	G7 20WT/OR	VEHICLE SPEED SENSOR SIGNAL
44	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
45	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
46	Z12 16BK/TN	POWER GROUND
49	K140 16TN/WT	FUEL QUANTITY ACTUATOR GROUND
50	K152 16WT	GLOW PLUG RELAY CONTROL SENSE
51	K238 16VT	FUEL TIMING SHUTOFF SOLENOID
52	K135 20WT/BK	SLEEVE POSITION SENSOR (+)
53	K153 20OR	SHUTOFF FEED
55	K255 20WT/DG	PEDAL POSITION SENSOR
57	K6 20VT/WT	5-VOLT SUPPLY
59	G69 20BK/OR	
61	D83 20BK/PK	SCI RECEIVE
63	K156 20GY	FUEL TEMPERATURE SENSOR SIGNAL
65	K151 20WT/RD	LOW IDLE POSITION SWITCH
68	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT

(CAVITIES NOT SHOWN ARE NOT USED)

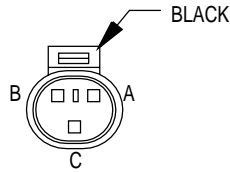


CAV	CIRCUIT	FUNCTION
1	V50 18LG/WT	WIPER SWITCH MODE SENSE
2	V51 18WT	WINDSHIELD WIPER SWITCH SIGNAL
3	V11 18TN/BK	WASHER SWITCH OUTPUT
	V11 18TN/BK	WASHER SWITCH OUTPUT
4	F86 16LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	V4 18RD/YL	WIPER SWITCH HIGH SPEED OUTPUT
6	V3 18BR/WT	WIPER SWITCH LOW SPEED OUTPUT
	V3 18BR/WT	WIPER SWITCH LOW SPEED OUTPUT
7	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
8	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	V3 18BR/WT	WIPER SWITCH LOW SPEED OUTPUT
10	-	-
11	L64 18TN/DB	RIGHT TURN SIGNAL
12	L60 18TN	RIGHT TURN SIGNAL
13	L12 18VT/TN	HAZARD SIGNAL
14	-	-
15	L61 18DG	LEFT TURN SIGNAL
16	L65 18LG/DB	LEFT TURN SIGNAL
	L65 18LG/DB	LEFT TURN SIGNAL
17	L5 18OR/BK	TURN SIGNAL
	L5 18OR/BK	TURN SIGNAL
18	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
19	F34 16TN/BK	LOW HEADLAMP SWITCH SENSE
	F34 16TN/BK	LOW HEADLAMP SWITCH SENSE
20	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
21	L11 16LG/BK	FUSED B(+)
22	-	-
23	-	-
24	-	-



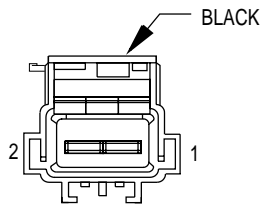
**NEEDLE SENSOR  
(DIESEL)**

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



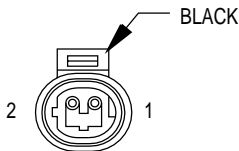
**OIL PRESSURE  
SENSOR  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
A	K167 20BR/YL	SENSOR RETURN
B	K6 18VT/WT	5-VOLT SUPPLY
C	G60 20GY/YL	ENGINE OIL PRESSURE SENSOR SIGNAL



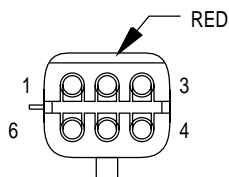
**OIL PRESSURE  
SENSOR  
(GAS)**

CAV	CIRCUIT	FUNCTION
1	G6 18GY/WT	OIL PRESSURE SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND



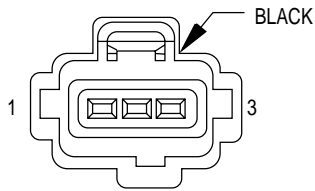
**OUTPUT SHAFT  
SPEED SENSOR**

CAV	CIRCUIT	FUNCTION
1	T14 18LG/WT	OUTPUT SHAFT SPEED SENSOR SIGNAL (+)
2	T13 18DB/BK	OUTPUT SHAFT SPEED SENSOR SIGNAL (-)



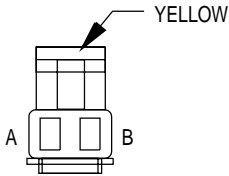
**OVERHEAD  
CONSOLE**

CAV	CIRCUIT	FUNCTION
1	F83 20YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z1 20BK	GROUND
3	D1 18VT/BR	CCD BUS(+)
4	M2 20YL	COURTESY LAMP RELAY OUTPUT
5	D2 18WT/BK	CCD BUS(-)
6	M1 20PK	FUSED B(+)



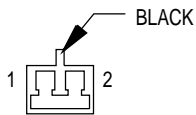
**PARK/NEUTRAL POSITION SWITCH**

CAV	CIRCUIT	FUNCTION
1	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
2	T41 20BK/WT	PARK/NEUTRAL POSITION SWITCH SENSE
3	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)



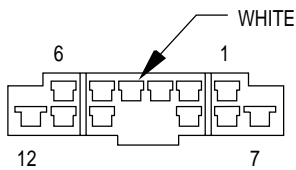
**PASSENGER AIRBAG**

CAV	CIRCUIT	FUNCTION
A	R44 18DB	PASSENGER AIRBAG LINE 2
B	R42 18VT	PASSENGER AIRBAG LINE 1



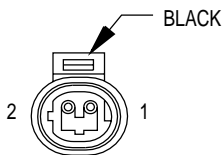
**PASSENGER DOOR COURTESY LAMP**

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



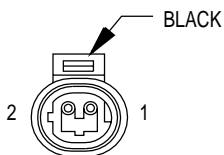
**PASSENGER DOOR MODULE - C1**

CAV	CIRCUIT	FUNCTION
1	Q12 16BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q22 16VT	RIGHT FRONT WINDOW DRIVER (DOWN)
3	Q18 16GY/BK	RIGHT REAR WINDOW DRIVER (UP)
4	Q28 16DG/WT	RIGHT REAR WINDOW DRIVER (DOWN)
5	P34 16PK/BK	RIGHT FRONT DOOR UNLOCK DRIVER
6	P2 16BK/WT	RIGHT FRONT DOOR LOCK DRIVER
7	Z1 12BK	GROUND
8	D1 18VT/BR	CCD BUS(+)
9	D2 18WT/BK	CCD BUS(-)
10	E20 18OR/DB	RIGHT REAR DOOR SWITCH ILLUMINATION
11	M1 20PK	MUX COURTESY LAMP DRIVER
12	F81 12TN	FUSED B(+)



**PASSENGER FRONT CYLINDER LOCK SWITCH**

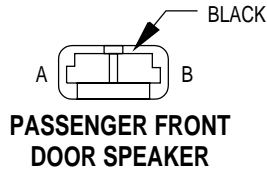
CAV	CIRCUIT	FUNCTION
1	G71 20VT/YL	VTSS DISARM SENSE
2	Z1 20BK	GROUND



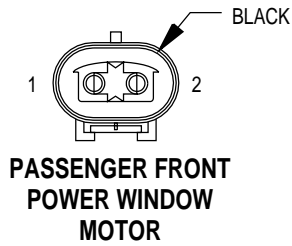
**PASSENGER FRONT DOOR LOCK MOTOR**

CAV	CIRCUIT	FUNCTION
1	P34 16PK/BK	DOOR UNLOCK DRIVER
2	P2 16BK/WT	DOOR LOCK DRIVER

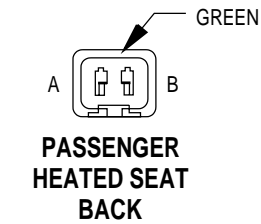




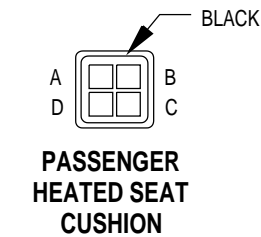
CAV	CIRCUIT	FUNCTION
A	X54 20VT	RIGHT FRONT (+)
B	X56 20DB/RD	RIGHT FRONT (-)



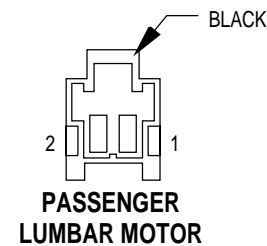
CAV	CIRCUIT	FUNCTION
1	Q12 16BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q22 16VT	RIGHT FRONT WINDOW DRIVER (DOWN)



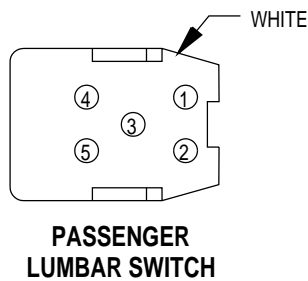
CAV	CIRCUIT	FUNCTION
A	Z1 16BK	GROUND
B	P88 16BR/BK	HEATED SEAT DRIVER



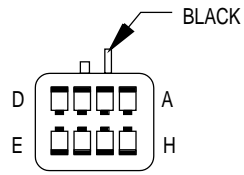
CAV	CIRCUIT	FUNCTION
A	P87 16BK/OR	HEATED SEAT DRIVER
B	P88 16BR/BK	HEATED SEAT DRIVER
C	P8 18LB/WT	PASSENGER HEATED SEAT SWITCH OUTPUT
D	Z1 20BK	GROUND



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

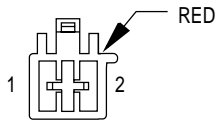


CAV	CIRCUIT	FUNCTION
1	P107 18OR/BK	LUMBAR REARWARD DRIVER
2	Z1 18BK	GROUND
3	F35 18RD	FUSED B(+)
4	Z1 18BK	GROUND
5	P106 18DG/WT	LUMBAR FORWARD DRIVER



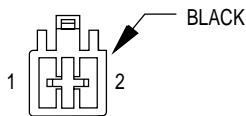
**PASSENGER  
OUTSIDE POWER  
MIRROR - C2**

CAV	CIRCUIT	FUNCTION
A	F75 20WT	HORIZONTAL DRIVER
B	Z1 20BK	HEATER SWITCHED GROUND
C	F84 20GN	VERTICAL POSITION SENSOR SIGNAL
D	F86 20GY	SENSOR GROUND
E	F85 20VT	HORIZONTAL POSITION SENSOR SIGNAL
F	C16 20BK	HEATER 12-VOLT SUPPLY
G	F73 20DB	COMMON DRIVER
H	F71 20YL	VERTICAL DRIVER



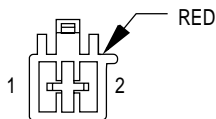
**PASSENGER  
POWER SEAT  
FRONT RISER  
MOTOR**

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



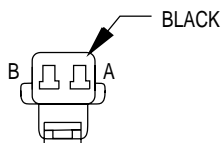
**PASSENGER  
POWER SEAT  
HORIZONTAL  
MOTOR**

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



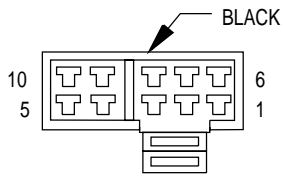
**PASSENGER  
POWER SEAT  
REAR RISER  
MOTOR**

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



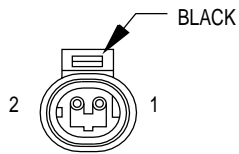
**PASSENGER  
POWER SEAT  
RECLINER  
MOTOR**

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



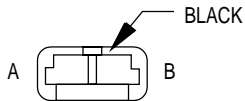
**PASSENGER  
POWER SEAT  
SWITCH**

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



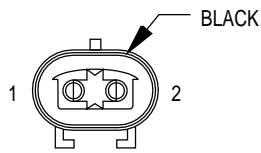
**PASSENGER REAR  
DOOR LOCK  
MOTOR**

CAV	CIRCUIT	FUNCTION
1	P34 18PK/BK	DOOR UNLOCK DRIVER
2	P2 18BK/WT	DOOR LOCK DRIVER



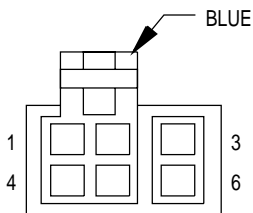
**PASSENGER REAR  
DOOR SPEAKER**

CAV	CIRCUIT	FUNCTION
A	X52 20DB/WT	RIGHT REAR (+)
B	X58 20DB/OR	RIGHT REAR (-)



**PASSENGER REAR  
POWER WINDOW  
MOTOR**

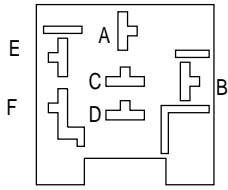
CAV	CIRCUIT	FUNCTION
1	Q12 16BR	RIGHT REAR WINDOW DRIVER (UP)
2	Q22 16VT	RIGHT REAR WINDOW DRIVER (DOWN)



**PASSENGER REAR  
POWER WINDOW  
SWITCH**

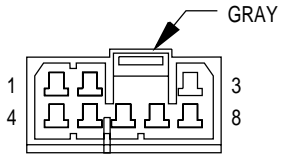
CAV	CIRCUIT	FUNCTION
1	Q18 14GY/BK	RIGHT REAR WINDOW DRIVER (UP)
2	Q12 16BR	RIGHT REAR WINDOW DRIVER (UP)
3	E20 20OR/DG	RIGHT REAR DOOR SWITCH ILLUMINATION
4	Q28 14DG/WT	RIGHT REAR WINDOW DRIVER (DOWN)
5	Q22 16VT	RIGHT REAR WINDOW DRIVER (DOWN)
6	Z1 16BK	GROUND

\* LHD \*\* RHD



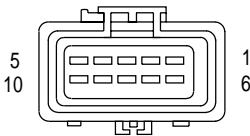
**PASSENGER SEAT HEATER CONTROL MODULE (LHD)**

CAV	CIRCUIT	FUNCTION
A	P87 16BK/OR	HEATED SEAT DRIVER
B	-	-
C	F87 18WT/BK	FUSED IGNITION SWITCH OUTPUT (RUN)
D	F35 16RD	FUSED B(+)
E	P8 18LB/WT	PASSENGER HEATED SEAT SWITCH OUTPUT
F	Z1 16BK	GROUND



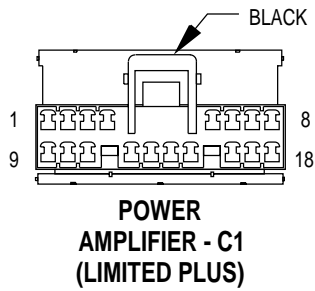
**PASSENGER SEAT HEATER CONTROL MODULE (RHD)**

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

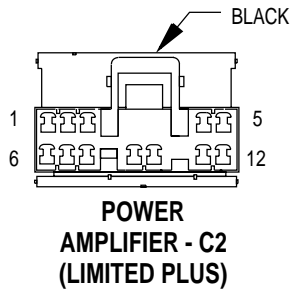


**PEDAL POSITION SENSOR (DIESEL)**

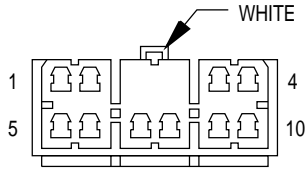
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K4 18BK/LB	SENSOR GROUND
4	-	-
5	K151 20WT	LOW IDLE POSITION SWITCH
6	-	-
7	K22 20OR/DB	THROTTLE POSITION SENSOR SIGNAL
8	K255 20WT/DG	PEDAL POSITION SENSOR
9	-	-
10	K6 20VT/WT	5-VOLT SUPPLY



CAV	CIRCUIT	FUNCTION
1	-	
2	F75 16VT	FUSED B(+)
3	Z5 16BK/LB	RADIO GROUND
4	-	-
5	X56 16DB	RIGHT FRONT SPEAKER (-)
6	X55 16BR/RD	LEFT FRONT SPEAKER (-)
7	X58 16DB/OR	RIGHT REAR SPEAKER (-)
8	X57 16BR/LB	LEFT REAR SPEAKER (-)
9	-	-
10	F75 16VT	FUSED B(+)
11	Z5 16BK/LB	RADIO GROUND
12	-	-
13	X60 18DG/RD	RADIO 12-VOLT OUTPUT
14	-	-
15	X54 16VT	RIGHT FRONT SPEAKER (+)
16	X53 16DG	LEFT FRONT SPEAKER (+)
17	X52 16DB/WT	RIGHT REAR SPEAKER (+)
18	X51 16BR/YL	LEFT REAR SPEAKER (+)

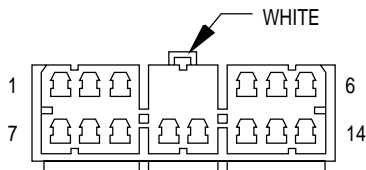


CAV	CIRCUIT	FUNCTION
1	X82 16LB/RD	AMPLIFIED FRONT SPEAKER (+)
2	X80 16LB/DG	AMPLIFIED FRONT SPEAKER (-)
3	X91 16WT/BK	AMPLIFIED REAR SPEAKER (-)
4	X95 16BR/YL	AMPLIFIED REAR SPEAKER (+)
5	X96 16DB/OR	AMPLIFIED RIGHT REAR SPEAKER (-)
6	X87 16LG/RD	AMPLIFIED FRONT SPEAKER (+)
7	X85 16LG/BK	AMPLIFIED FRONT SPEAKER (-)
8	X93 16WT/RD	AMPLIFIED REAR SPEAKER (+)
9	X92 16TN/BK	AMPLIFIED REAR SPEAKER (+)
10	X94 16TN/RD	AMPLIFIED REAR SPEAKER (-)
11	X97 16BR/LB	AMPLIFIED REAR SPEAKER (-)
12	X98 16DB/WT	AMPLIFIED REAR SPEAKER (+)



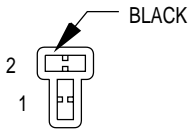
**POWER  
AMPLIFIER - C1  
(PREMIUM)**

CAV	CIRCUIT	FUNCTION
1	X82 16LB/RD	AMPLIFIED FRONT SPEAKER (+)
2	X80 16LB/DG	AMPLIFIED FRONT SPEAKER (-)
3	X94 16TN/RD	AMPLIFIED REAR DOOR SPEAKER (+)
4	X54 16VT	RIGHT FRONT SPEAKER (+)
5	X58 16DB/OR	RIGHT REAR SPEAKER (-)
6	X52 16DB/WT	RIGHT REAR SPEAKER (+)
7	-	-
8	X60 18DG/RD	RADIO 12-VOLT OUTPUT
9	X92 16TN/BK	AMPLIFIED REAR DOOR SPEAKER (-)
10	X56 16DB	RIGHT FRONT SPEAKER (-)



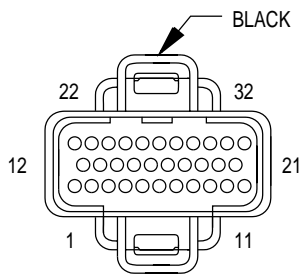
**POWER  
AMPLIFIER - C2  
(PREMIUM)**

CAV	CIRCUIT	FUNCTION
1	X93 16WT/RD	AMPLIFIED REAR DOOR SPEAKER (+)
2	F75 16VT	FUSED B(+)
3	X87 16LG/RD	AMPLIFIED FRONT SPEAKER (+)
4	-	-
5	X51 16BR/YL	LEFT REAR SPEAKER (+)
6	X53 16DG	LEFT FRONT SPEAKER (+)
7	X91 16WT/BK	AMPLIFIED REAR DOOR SPEAKER (-)
8	F75 16VT	FUSED B(+)
9	X85 16LG/BK	AMPLIFIED FRONT SPEAKER (-)
10	Z5 16BK/LB	GROUND
11	Z5 16BK/LB	GROUND
12	-	-
13	X57 16BR/LB	LEFT REAR SPEAKER (-)
14	X55 16BR/RD	LEFT FRONT SPEAKER (-)



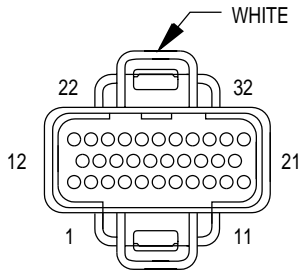
**POWER OUTLET  
(RHD)**

CAV	CIRCUIT	FUNCTION
1	F38 18OR	FUSED B(+)
2	Z1 18BK	GROUND



**POWERTRAIN  
CONTROL  
MODULE - C1**

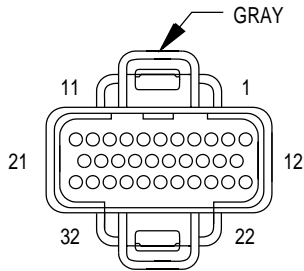
CAV	CIRCUIT	FUNCTION
1	-	-
2	F99 18OR	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
3	-	-
4	K4 18BK/LB	SENSOR GROUND
5	-	-
6	T41 18BK/WT	PARK/NEUTRAL POSITION SWITCH SENSE
7	K19 18GY/WT	IGNITION COIL NO. 1 DRIVER
8	K27 18RD/LG	CRANKSHAFT POSITION SENSOR SIGNAL
9	-	-
10	K59 16VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
11	K40 16BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
12	-	-
13	-	-
14	-	-
15	K21 16BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16	K2 16TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
17	K25 18WT/BK	5-VOLT SUPPLY
18	K24 18GY/BK	CAMSHAFT POSITION SENSOR SIGNAL
19	K60 16YL/BK	IDLE AIR CONTROL NO. 2 DRIVER
20	K39 16GY/RD	IDLE AIR CONTROL NO. 1 DRIVER
21	-	-
22	F5 14RD/YL	FUSED B(+)
23	K22 18OR/DB	THROTTLE POSITION SENSOR SIGNAL
24	K41 18BK/OR	UPSTREAM HEATED OXYGEN SENSOR SIGNAL
25	K141 18BK/PK	DOWNSTREAM HEATED OXYGEN SENSOR SIGNAL
26	-	-
27	K70 18RD/WT	MAP SENSOR SIGNAL
28	-	-
29	-	-
30	-	-
31	Z12 14BK/TN	GROUND
32	Z12 14BK/TN	GROUND



**POWERTRAIN  
CONTROL  
MODULE - C2**

CAV	CIRCUIT	FUNCTION
1	T54 18VT	TRANSMISSION TEMPERATURE SENSOR SIGNAL
2	K17 18DB/WT*	INJECTOR NO. 7 DRIVER
3	-	-
4	K11 18WT/DB	INJECTOR NO. 1 DRIVER
5	K13 18YL/WT	INJECTOR NO. 3 DRIVER
6	K38 18GY	INJECTOR NO. 5 DRIVER
7	-	-
8	T59 18PK	UNDERDRIVE SOLENOID CONTROL
9	-	-
10	K20 18DG	GENERATOR FIELD DRIVER
11	T22 18DG/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
12	K58 18BR/YL	INJECTOR NO. 6 DRIVER
13	K18 18DB/YL*	INJECTOR NO. 8 DRIVER
14	-	-
15	K12 18TN	INJECTOR NO. 2 DRIVER
16	K14 18LB/BR	INJECTOR NO. 4 DRIVER
17	-	-
18	-	-
19	-	-
20	-	-
21	T60 18BR	OVERDRIVE SOLENOID CONTROL
22	-	-
23	G6 18GY/WT	OIL PRESSURE SENSOR SIGNAL
24	-	-
25	T13 18DB/BK	OUTPUT SHAFT SPEED SENSOR SIGNAL (-)
26	-	-
27	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL
28	T14 18LG/WT	OUTPUT SHAFT SPEED SENSOR SIGNAL (+)
29	T25 18LG	GOVERNOR PRESSURE SIGNAL
30	T66 18BR/OR	TRANSMISSION RELAY CONTROL
31	K6 18VT/WT	5-VOLT SUPPLY
32	-	-

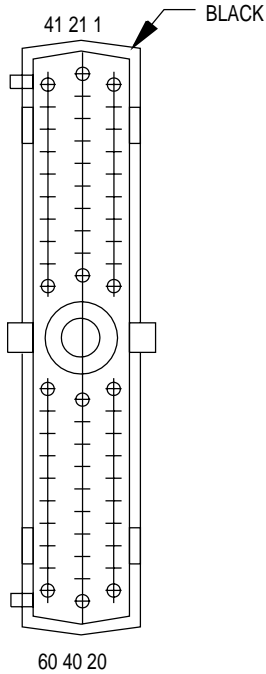




**POWERTRAIN  
CONTROL  
MODULE - C3**

CAV	CIRCUIT	FUNCTION
1	C13 18DB/RD	A/C COMPRESSOR CLUTCH RELAY CONTROL
2	-	-
3	K900 18PK/WT	AUTOMATIC SHUTDOWN RELAY CONTROL
4	V36 18TN/RD	SPEED CONTROL VACUUM SOLENOID CONTROL
5	V35 18LG/RD	SPEED CONTROL VENT SOLENOID CONTROL
6	G68 18BR/YL	OVERDRIVE OFF LAMP DRIVER
7	-	-
8	-	-
9	-	-
10	J95 18DG/RD*	LEAK DETECTION PUMP SOLENOID CONTROL
11	V32 18YL/RD	SPEED CONTROL ON/OFF SWITCH SENSE
12	A142 18DG/OR	AUTOMATIC SHUTDOWN RELAY OUTPUT
13	T9 18OR	OVERDRIVE OFF SWITCH SENSE
14	J96 18VT/RD*	LEAK DETECTION PUMP SWITCH SENSE
15	T222 18RD/YL	BATTERY TEMPERATURE SENSE SIGNAL
16	-	-
17	-	-
18	-	-
19	K81 18DB	FUEL PUMP RELAY CONTROL
20	K52 18PK/BK	EVAPORATIVE EMISSION SOLENOID CONTROL
21	-	-
22	C3 18DB/BK	A/C PRESSURE SWITCH SENSE
23	-	-
24	L53 18BR	STOP LAMP SWITCH SENSE
25	K72 18DG/VT	GENERATOR DRIVER
26	G40 18LB/BK	LOW FUEL SENSE
27	D21 18BK/PK	SCI RECEIVE
28	D2 18WT/BK	CCD BUS (-)
29	D84 18BK/WT	SCI TRANSMIT
30	D1 18VT/BR	CCD BUS (+)
31	-	-
32	K95 18PK	VEHICLE SPEED CONTROL SWITCH SIGNAL

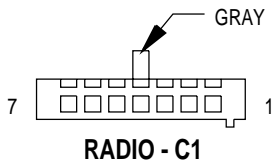
\* EXCEPT BUILT-UP-EXPORT



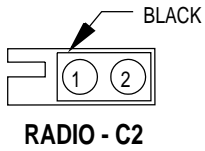
**POWERTRAIN  
CONTROL  
MODULE - C4  
(DIESEL)**

CAV	CIRCUIT	FUNCTION
1	G40 18LB/BK	LOW FUEL SENSE
3	F6 18WT/RD	FUSED B(+)
4	K167 20BR/YL	SENSOR RETURN
6	K7 20OR/WT	5-VOLT SUPPLY
8	G18 20PK/BK	COOLANT LEVEL SWITCH SENSE
9	F99 18OR	FUSED IGNITION SWITCH OUTPUT (ST-RUN)
11	Z12 16BK/TN	POWER GROUND
12	Z12 16BK/TN	POWER GROUND
15	G69 20BK/OR	VTSS INDICATOR LAMP DRIVER
20	K20 18DG/YL	GENERATOR FIELD DRIVER
21	K222 20TN/RD	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
22	K48 18OR/RD	FLT SIGNAL
23	G123 20DG/WT	WATER-IN-FUEL SENSE
24	G21 20GY/LB	TACHOMETER SIGNAL
25	D83 20BK/PK	SCI RECEIVE
26	D1 18VT/BR	CCD BUS(+)
29	L53 20BR	STOP LAMP SWITCH SENSE
41	K92 20PK	COIL DRIVER 2 OUTPUT
42	G60 20GY/YL	ENGINE OIL PRESSURE SENSOR SIGNAL
44	K185 18OR/LB	WAIT TO START LAMP
45	D84 20BK/WT	SCI TRANSMIT
46	D2 18WT/GY	CCD BUS(-)
47	G7 20WT/OR	VEHICLE SPEED SENSOR SIGNAL
54	G118 20PK/DB	
57	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
59	C103 20DG	A/C SWITCH SIGNAL

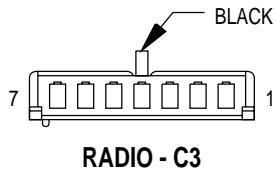
(CAVITIES NOT SHOWN ARE NOT USED)



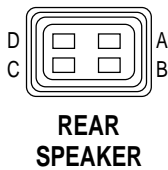
CAV	CIRCUIT	FUNCTION
1	-	-
2	X55 20BR/RD	FRONT DOOR SPEAKER (-)
3	X56 20DB	FRONT DOOR SPEAKER (-)
4	L90 20DB/RD	PARK LAMP RELAY OUTPUT
5	E2 20OR	PANEL LAMP DRIVER
6	X12 18RD/GY	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	F60 20RD/WT	FUSED B(+)



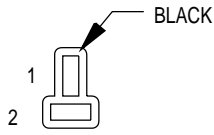
CAV	CIRCUIT	FUNCTION
1	D1 18VT/BR	CCD BUS (+)
2	D2 18WT/BK	CCD BUS (-)



CAV	CIRCUIT	FUNCTION
1	X60 20DG/RD	RADIO 12-VOLT OUTPUT
2	X51 20BR/YL	REAR DOOR SPEAKER (+)
3	X52 20DB/WT	REAR DOOR SPEAKER (+)
4	X53 20DG	FRONT DOOR SPEAKER (+)
5	X54 20VT/YL	FRONT DOOR SPEAKER (+)
6	X57 20BR/LB	REAR DOOR SPEAKER (-)
7	X58 20DB/OR	REAR SPEAKER DOOR (-)

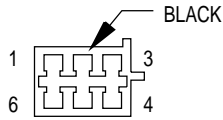


CAV	CIRCUIT	FUNCTION
A	X96 16DB/OR	AMPLIFIED HIGH RIGHT REAR SPEAKER (-)
B	X98 16DB/WT	AMPLIFIED HIGH RIGHT REAR SPEAKER (+)
C	X97 16BR/LB	AMPLIFIED HIGH LEFT REAR SPEAKER (-)
D	X95 16BR/YL	AMPLIFIED HIGH LEFT REAR SPEAKER (+)



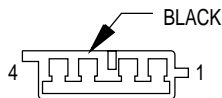
**REAR WASHER PUMP MOTOR**

CAV	CIRCUIT	FUNCTION
1	V20 18WT/BK	REAR WASHER MOTOR CONTROL
2	Z2 18BK	GROUND



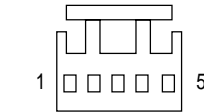
**REAR WIPER MODULE**

CAV	CIRCUIT	FUNCTION
1	F70 16PK/BK	FUSED (B+)
2	V13 18BR/LG	REAR WIPER MOTOR CONTROL
3	Z1 14BK	GROUND
4	V24 18BR/OR	WIPER SWITCH B(-)
5	V20 18BK/WT	REAR WASHER MOTOR CONTROL
6	G78 20TN/BK	LIFTGATE AJAR SWITCH SENSE



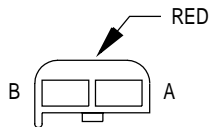
**REAR WIPER/WASHER SWITCH**

CAV	CIRCUIT	FUNCTION
1	V13 18BR/LG	REAR WIPER MOTOR CONTROL
2	V23 18BR/PK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	V24 18BR/OR	REAR WIPER MOTOR CONTROL (INT)
4	V20 18WT/BK	REAR WASHER MOTOR CONTROL
	V20 18WT/BK	REAR WASHER MOTOR CONTROL



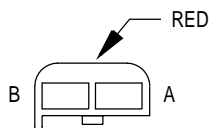
**RECIRCULATION DOOR ACTUATOR (AUTOMATIC TEMPERATURE CONTROL)**

CAV	CIRCUIT	FUNCTION
1	C33 20VT/OR	RECIRCULATION DOOR MOTOR DRIVER
2	-	-
3	-	-
4	C32 20LB/DG	RECIRCULATION DOOR MOTOR DRIVER
5	F71 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN)



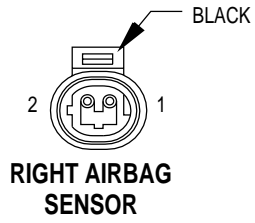
**REMOTE RADIO SWITCH NO. 1**

CAV	CIRCUIT	FUNCTION
A	709 20RD/BK	RADIO CONTROL MUX
B	Z2 20BK/LG	GROUND

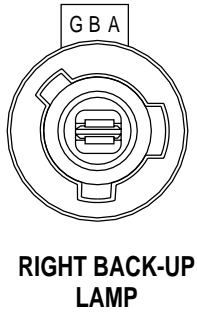


**REMOTE RADIO SWITCH NO. 2**

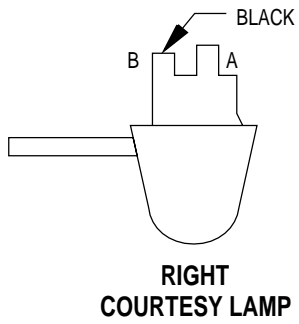
CAV	CIRCUIT	FUNCTION
A	709 20RD/BK	RADIO CONTROL MUX
B	Z2 20BK/LG	GROUND



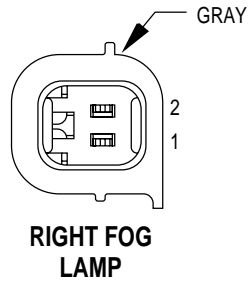
CAV	CIRCUIT	FUNCTION
1	R46 18BR/LB	RIGHT IMPACT SENSOR LINE 1
2	R48 18TN	RIGHT IMPACT SENSOR LINE 2



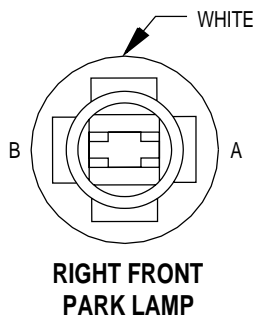
CAV	CIRCUIT	FUNCTION
A	L10 18BR/LG	BACK-UP LAMP SWITCH OUTPUT
G	Z1 18BK	GROUND



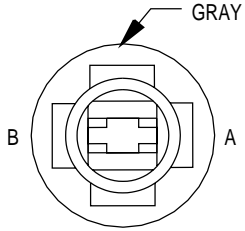
CAV	CIRCUIT	FUNCTION
A	M1 20PK	FUSED B(+)
B	M2 20YL	COURTESY LAMP RELAY OUTPUT



CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L39 18LB	FOG LAMP RELAY OUTPUT

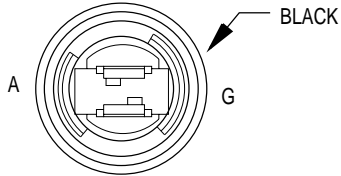


CAV	CIRCUIT	FUNCTION
A	L90 18DB/RD	PARK LAMP RELAY OUTPUT
B	Z1 18BK	GROUND



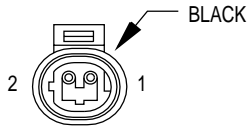
**RIGHT FRONT  
SIDE MARKER  
LAMP**

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



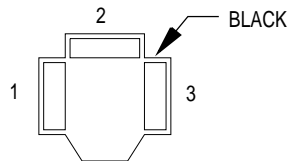
**RIGHT FRONT  
TURN SIGNAL  
LAMP**

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



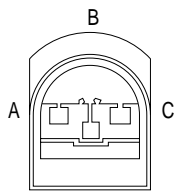
**RIGHT FRONT  
WHEEL SPEED  
SENSOR**

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



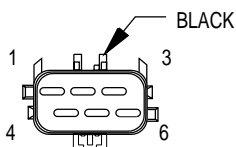
**RIGHT HEADLAMP**

CAV	CIRCUIT	FUNCTION
1	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
2	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
3	Z1 16BK	GROUND



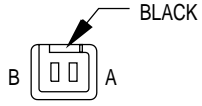
**RIGHT HEADLAMP  
(EXCEPT BUILT-  
UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
A	Z1 16BK	GROUND
B	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
C	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT



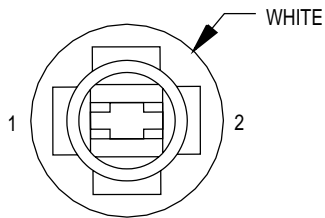
**RIGHT HEADLAMP  
LEVELING MOTOR**

CAV	CIRCUIT	FUNCTION
1	L104 20LG	HEADLAMP LEVELING POSITION 4
2	L103 20LB	HEADLAMP LEVELING POSITION 3
3	L102 20WT	HEADLAMP LEVELING POSITION 2
4	L105 20PK	HEADLAMP LEVELING POSITION 5
5	L106 20YL	HEADLAMP LEVELING POSITION 6
6	L101 20RD	HEADLAMP LEVELING POSITION 1



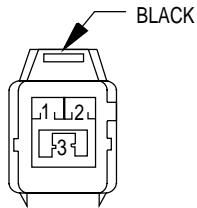
**RIGHT INSTRUMENT  
PANEL SPEAKER**

CAV	CIRCUIT	FUNCTION
A	X82 20LB/RD	AMPLIFIED RIGHT FRONT (+)
B	X80 20LB/BK	AMPLIFIED RIGHT FRONT (-)



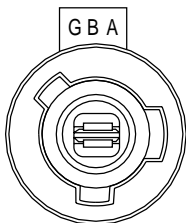
**RIGHT LICENSE  
LAMP**

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



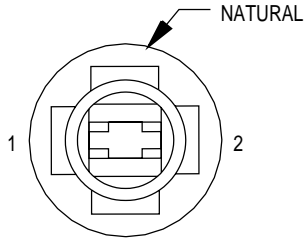
**RIGHT PARK/  
TURN SIGNAL  
MARKER**

CAV	CIRCUIT	FUNCTION
1	L64 18TN/DB	RIGHT TURN SIGNAL
2	L90 18DB/RD	PARK LAMP SWITCH OUTPUT
3	Z1 18BK	GROUND



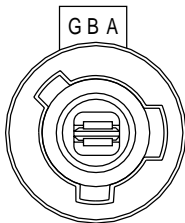
**RIGHT REAR  
FOG LAMP  
(BUILT-UP-EXPORT)**

CAV	CIRCUIT	FUNCTION
A	L36 18LG/BK	REAR FOG LAMP
G	Z1 18BK	GROUND



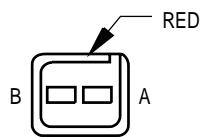
**RIGHT REAR  
SIDE MARKER  
LAMP  
(BUILT-UP-EXPORT)**

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



**RIGHT REAR  
TURN SIGNAL  
LAMP**

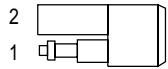
CAV	CIRCUIT	FUNCTION
A	L61 18LG	TURN SIGNAL SWITCH OUTPUT
G	Z1 18BK	GROUND



**RIGHT REAR  
WHEEL SPEED  
SENSOR**

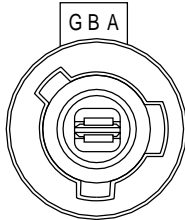
CAV	CIRCUIT	FUNCTION
A	B1 20YL/DB	RIGHT REAR WHEEL SPEED SENSOR (-)
B	B2 20YL	RIGHT REAR WHEEL SPEED SENSOR (+)





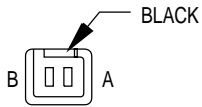
**RIGHT SIDE REPEATER**

CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L64 18TN/DB	RIGHT TURN SIGNAL



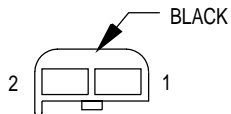
**RIGHT TAIL/ STOP LAMP**

CAV	CIRCUIT	FUNCTION
A	L74 18PK/BK	STOP LAMP SWITCH OUTPUT
B	L22 18LB	PARK LAMP SWITCH OUTPUT
G	Z1 18BK	GROUND



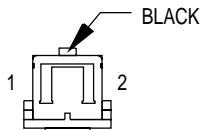
**RIGHT VISOR/ VANITY LAMP**

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



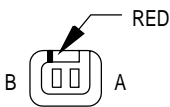
**SEAT BELT SWITCH**

CAV	CIRCUIT	FUNCTION
1	G10 20LG/RD	SEAT BELT SWITCH SENSE
2	Z1 20BK	GROUND



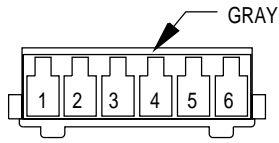
**SHIFT INTERLOCK**

CAV	CIRCUIT	FUNCTION
1	L53 20BR	SHIFT INTERLOCK SOLENOID SENSE
2	F87 20BK/WT	FUSED IGNITION SWITCH OUTPUT (ST-RUN)



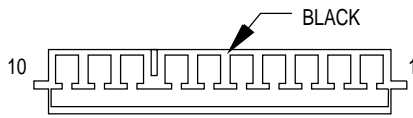
**SOLAR SENSOR**

CAV	CIRCUIT	FUNCTION
A	C47 20BK/WT	SOLAR SENSOR SIGNAL
B	D41 20LG/WT	SENSOR GROUND



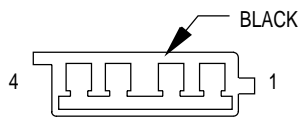
**STOP LAMP SWITCH**

CAV	CIRCUIT	FUNCTION
1	L53 20BR	STOP LAMP SWITCH SENSE
2	Z1 20BK	GROUND
3	V32 20YL/RD	SPEED CONTROL ON/OFF SWITCH SENSE
4	V30 20DB/LG	SPEED CONTROL ON/OFF SWITCH OUTPUT
5	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
6	L16 18RD/LG	FUSED B(+)



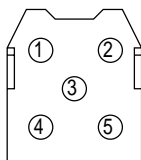
**SWITCH POD**

CAV	CIRCUIT	FUNCTION
1	P7 20LB*	DRIVER HEATED SEAT SWITCH OUTPUT
2	Z1 20BK	GROUND
3	E2 20OR	PANEL LAMP DRIVER
4	P8 20LB/WT*	PASSENGER HEATED SEAT SWITCH OUTPUT
5	F71 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
6	T9 20OR/BK	OVERDRIVE OFF SWITCH SENSE
7	G68 20BR/YL	OVERDRIVE OFF LAMP DRIVER
8	-	-
9	C80 20DB/YL	REAR WINDOW DEFOGGER SWITCH SENSE
10	C16 20LB/YL	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT



**SUNROOF CONTROL MODULE**

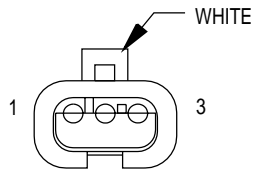
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	Q41 16WT	POWER SUNROOF OPEN
3	Q42 16LB	POWER SUNROOF CLOSE
4	F86 16LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)



**SUNROOF SWITCH**

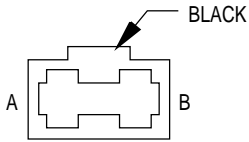
CAV	CIRCUIT	FUNCTION
1	Q41 16WT	POWER SUNROOF OPEN
2	F86 16LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
3	Q42 16LB	POWER SUNROOF CLOSE
4	-	-
5	-	-

\* HEATED SEATS



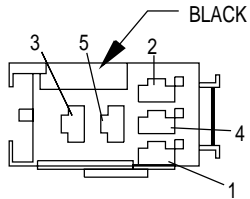
**THROTTLE POSITION SENSOR**

CAV	CAV	CIRCUIT	FUNCTION
•3	*1	K25 20WT/BK	5-VOLT SUPPLY
•2	*2	K22 18OR/DB	THROTTLE POSITION SENSOR SIGNAL
•1	*3	K4 20BK/LB	SENSOR GROUND



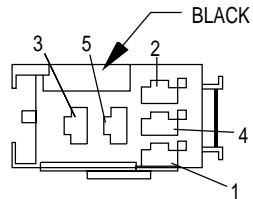
**TRAILER TOW CIRCUIT BREAKER**

CAV	CIRCUIT	FUNCTION
A	F70 16PK/BK	FUSED B(+)
B	F70 16PK/BK	FUSED B(+)



**TRAILER TOW LEFT TURN RELAY**

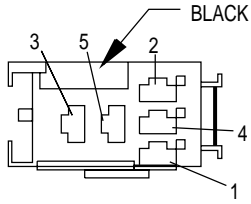
CAV	CIRCUIT	FUNCTION
1	L61 18LG	LEFT TURN SIGNAL
2	Z1 18BK	GROUND
3	L61 18LG/OR	LEFT TURN SIGNAL
4	95 18PK	FACTORY TRAILER TOW RELAY OUTPUTS
	95 18PK	FACTORY TRAILER TOW RELAY OUTPUTS
5	94 18DG	FACTORY TRAILER TOW RELAY OUTPUTS
	94 18DG	FACTORY TRAILER TOW RELAY OUTPUTS



**TRAILER TOW RIGHT TURN RELAY**

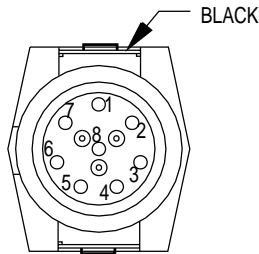
CAV	CIRCUIT	FUNCTION
1	L60 18TN	RIGHT TURN SIGNAL
2	Z1 18BK	GROUND
3	L60 18TN/OR	RIGHT TURN SIGNAL
4	95 18PK	FACTORY TRAILER TOW RELAY OUTPUTS
5	94 18DG	FACTORY TRAILER TOW RELAY OUTPUTS
6	-	-
7	-	-
8	-	-

\* 5.2L/5.9L  
• 4.0L



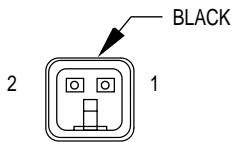
**TRAILER TOW  
STOP LAMP RELAY**

CAV	CIRCUIT	FUNCTION
1	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
2	Z1 18BK	GROUND
3	F70 16PK/BK	FUSED B(+)
4	94 18DG	FACTORY TRAILER TOW RELAY OUTPUTS
5	95 18PK	FACTORY TRAILER TOW RELAY OUTPUTS



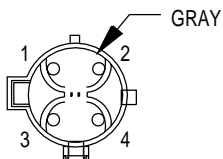
**TRANSMISSION  
SOLENOID  
ASSEMBLY**

CAV	CIRCUIT	FUNCTION
1	T20 18LB	LOW/REVERSE SOLENOID CONTROL
2	K6 18VT/WT	5 VOLT SUPPLY
3	K4 18BK/LB	SENSOR GROUND
4	T25 18LG	GOVERNOR PRESSURE SIGNAL
5	T59 18PK	UNDERDRIVE SOLENOID CONTROL
6	T60 18BR	OVERDRIVE SOLENOID CONTROL
7	T22 18DG/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
8	T54 18VT	TRANSMISSION TEMPERATURE SENSOR SIGNAL



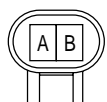
**UNDERHOOD LAMP**

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



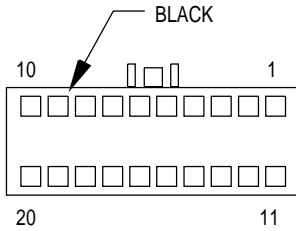
**UPSTREAM  
HEATED OXYGEN  
SENSOR**

CAV	CIRCUIT	FUNCTION
1	A142 18DG/OR	AUTOMATIC SHUTDOWN RELAY OUTPUT
2	Z12 18BK/TN	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K41 18BK/OR	UPSTREAM HEATED OXYGEN SENSOR SIGNAL



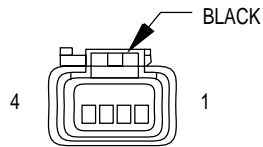
**UPPER HOSE  
COOLANT SWITCH  
(MAX COOLING)**

CAV	CIRCUIT	FUNCTION
A	C4 16TN/BK	COOLING FAN RELAY CONTROL
B	Z1 16BK	GROUND



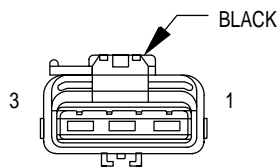
**VEHICLE  
INFORMATION CENTER/  
GRAPHIC DISPLAY  
MODULE**

CAV	CIRCUIT	FUNCTION
1	G18 20PK/BK	ENGINE COOLANT LEVEL SWITCH SENSE
2	F60 20RD/WT	FUSED B(+)
3	Z2 20BK/OR	GROUND
4	L5 18OR/BK	TURN SIGNAL
5	G46 20BK/LB	REAR LAMP OUT INDICATOR DRIVER
6	-	-
7	D1 18VT/BR	CCD BUS (+)
8	D2 18WT/BK	CCD BUS (-)
9	-	-
10	E2 20OR	PANEL LAMP DRIVER
11	L90 20DB/RD	PARK LAMP RELAY OUTPUT
12	-	-
13	G29 20BK/TN	WASHER FLUID LEVEL SENSE
14	107 20BK/RD	4-WHEEL DRIVE PART TIME LAMP
15	T106 20GY/OR	4-WHEEL DRIVE FULL TIME LAMP
16	F83 18YL/DG	FUSED IGNITION SWITCH OUTPUT (RUN)
17	T19 20YL/BK	4-WHEEL DRIVE PART TIME LAMP
18	G42 20LB/RD	ALL TIME FRONT WHEELS
19	G28 20LG/OR	2-WHEEL DRIVE OR REAR WHEELS IN ALL TIME
20	Z1 20BK	GROUND



**VEHICLE SPEED  
CONTROL SERVO**

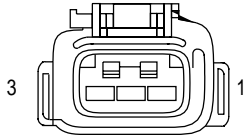
CAV	CIRCUIT	FUNCTION
1	V36 18TN/RD	SPEED CONTROL VACUUM SOLENOID CONTROL
2	V35 18LG/RD	SPEED CONTROL VENT SOLENOID CONTROL
3	V30 20DB/LG	SPEED CONTROL ON/OFF SWITCH OUTPUT
4	Z4 20BK	GROUND



**VEHICLE SPEED  
SENSOR  
(GAS)**

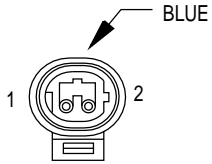
CAV	CIRCUIT	FUNCTION
1	K6 18VT/WT**	5-VOLT SUPPLY
1	G7 18WT/OR*	VEHICLE SPEED SENSOR SIGNAL
2	K4 18BK/LB	SENSOR GROUND
3	G7 18WT/OR**	VEHICLE SPEED SENSOR SIGNAL
3	K6 18VT/WT*	5-VOLT SUPPLY

\* LHD  
\*\* RHD



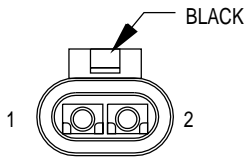
**VEHICLE SPEED SENSOR (DIESEL)**

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



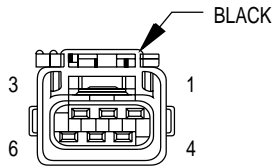
**WATER IN FUEL SENSOR (DIESEL)**

CAV	CIRCUIT	FUNCTION
1	G123 20DG/WT	WATER IN FUEL SENSE
2	K167 20BR/YL	SENSOR RETURN



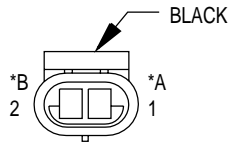
**WINDSHIELD WASHER PUMP MOTOR**

CAV	CIRCUIT	FUNCTION
1	V11 18TN/BK	WASHER SWITCH OUTPUT
2	Z2 18BK	GROUND



**WINDSHIELD WIPER MOTOR**

CAV	CIRCUIT	FUNCTION
1	F86 16LG/RD	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	V66 18VT/WT	WIPER PARK SWITCH SENSE
3	-	-
4	Z2 18BK	GROUND
5	V3 18BR/WT	WIPER SWITCH LOW SPEED OUTPUT
6	V4 18RD/YL	WIPER SWITCH HIGH SPEED OUTPUT



**WIPER FLUID LEVEL SENSOR**

CAV	CIRCUIT	FUNCTION
1	G29 16BK/TN	WASHER FLUID LEVEL SENSE
2	Z2 16BK	GROUND
A	G29 16BK/TN*	WASHER FLUID LEVEL SENSE
B	Z2 16BK*	GROUND

\* DIESEL

## 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 (LHD)

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	BK	Near Compressor	6,9, 12
A/C Heater Control	BK	Rear of Switch	N/S
A/C High Pressure Switch	BK	Near A/C Compressor	6,8, 12
A/C Low Pressure Switch	BK	Right Rear Corner of Engine Compartment	2
After Market Trailer Tow Connector	BK	Left Rear Quarter Panel	N/S
Airbag Control Module	YL	Below Center Floor Console, Near Park Brake	20
Ambient Temperature Sensor	BK	On Radiator Center Support	1
Auto Headlamp Light Sensor VTSS LED	BK	Top of Instrument Panel, Between Steering Column and Center Floor Console	15
Automatic Day/Night Rearview Mirror	BK	Behind Rear View Mirror	19
Automatic Temperature Control Module	BK	Left Side of HVAC Housing	N/S
Back-Up Lamp Switch	BK	Right Side of Transmission	14

Connector Name/Number	Color	Location	Fig.
Battery Temperature Sensor	BK	Below Battery Tray	4
Blend Air Door Motor	BK	On Bottom of HVAC Unit	N/S
Blend Air Actuator	BK	On Bottom of HVAC Unit	N/S
Blower Motor	NAT	Right Side of HVAC	N/S
Blower Motor Resistor Block	BK	Right Side of HVAC	N/S
Blower Motor Switch	BK	On HVAC Unit	N/S
Blower Power Module	BK	On HVAC Unit	N/S
Body Control Module C1	BK	Lower Left of Instrument Panel	17
Body Control Module C2	WT	Lower Left of Instrument Panel	17
Body Control Module C3	BK	Lower Left of Instrument Panel	17
Brake Pressure Switch	BK	Right Fender Side Shield, Near Brake Master Cylinder	3
Brake Shift Interlock	BK	Top of Brake Pedal	N/S
C102	BK	Rear of Left Headlamp	1

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
C131	BK	Right Rear Corner of Engine Compartment, Near PCM	2
C132	BK	Right Rear Corner of Engine Compartment, Near PCM	2
C144	BK	Below PDC	6,13
C150	BK	Rear of Right Headlamp	1
C159	BK	Right Rear Corner of Engine Compartment	25
C160	BK	Right Corner of Instrument Panel	16
C170	BK	Near PDC	N/S
C182	BK	Under Rear Seat	N/S
C206	BK	On Front of HVAC Unit	16
C212	RD	Center of Instrument Panel	14
C231	BK	Right End of Instrument Panel	N/S
C233	BK	Lower Left of Instrument Panel, In Connector Bracket	17
C234	WT	Lower Left of Instrument Panel, In Connector Bracket	17
C235	BK	Lower Left of Instrument Panel, In Connector Bracket	17

Connector Name/Number	Color	Location	Fig.
C236	WT	Lower Left of Instrument Panel, In Connector Bracket	17
C300	YL	Lower Left of Instrument Panel	17
C301	NAT	Lower Left of Instrument Panel, In Connector Bracket	17
C302	WT	Lower Left of Instrument Panel, In Connector Bracket	17
C304	GY	Lower Left of Instrument Panel	N/S
C305	BK	Lower Left of Instrument Panel, In Connector Bracket	17
C307	BK	Lower Left of Instrument Panel	17
C309	GY	In Left Rear Door	23
C320	GY	Right Rear Quarter Panel, Near Bottom of Liftgate Opening	20
C321	BK	In Liftgate	25
C322	GN	In Liftgate	25
C323	GY	In Liftgate	25
C324	BK	In Liftgate	25
C325	BK	In Liftgate	25
C326	GY	In Liftgate	25
C328	GY	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	21



DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
C329	BK	Below Left Rear Passenger Seat	21
C330	GY	In Right Rear Door	23
C331	BK	Left Rear Quarter Panel	24
C334	BK	In Left Front Door	22
C335	BK	Below Left Rear Passenger Seat	20
C343	BK	In Left Rear Door	23
C345	BK	In Right Rear Door	23
C351	GY	In Right Front Door	22
C353	BK	In Left Front Door	22
C359	BK	In Liftgate	25
C364	BK	In Liftgate	25
C372	BK	Right Rear Quarter Panel	24
C380	BK	Left Rear Quarter Panel	N/S
Camshaft Position Sensor	BK	Near Distributor	5, 9
Cargo Lamp	BK	Rear of Cargo Lamp	21
Center High Mounted Stop Lamp Bulb No. 1	BK	At Lamp	N/S
Center High Mounted Stop Lamp Bulb No. 2	BK	At Lamp	N/S
Center High Mounted Stop Lamp Bulb No. 3	BK	At Lamp	N/S
Cigar Lighter	BK	Rear of Cigar Lighter	15
Clockspring	YL	Below Steering Column	3

Connector Name/Number	Color	Location	Fig.
Controller Anti-Lock Brake	BK	At Anti-Lock Brake Controller	N/S
Coolant Switch-Upper Hose (5.2L/ 5.9L)	BK	Upper Radiator Hose	11
Coolant Switch-Lower Hose (5.2L/ 5.9L)	BK	Lower Radiator Hose	11
Cooling Fan	BK	At Fan	11
Cooling Fan Relay	BK	Right Fender Side Shield	11
Crankshaft Position Sensor	BK	Right Rear of Engine 4.0L Engine Rear of Engine 5.2L Engine Rear of Engine 2.5L	5,9, 14
Data Link Connector	BK	Lower Left of Instrument Panel	15
Daytime Running Lamp Module	BK	Right Fender Side Shield, Below PDC	2
Dome/Reading Lamp	NAT	Behind Dome Lamp	19
Downstream Heated Oxygen Sensor	BK	Above Rear of Catalytic Converter	7,10
Driver Door Module C1	WT	In Left Front Door	22
Driver Heated Seat Back	BK	Under Driver's Seat	N/S
Driver Heated Seat Cushion	BK	Under Driver's Seat	N/S
Driver Lumbar Motor	BK	Under Driver's Seat	N/S
Driver Power Seat Front Riser Motor	RD	Under Driver's Seat	N/S
Driver Power Seat Front Riser Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Horizontal Motor	BK	Under Driver's Seat	N/S

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Driver Power Seat Horizontal Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Lumbar Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Lumbar Switch	BK	Under Driver's Seat	N/S
Driver Power Seat Rear Riser Motor	RD	Under Driver's Seat	N/S
Driver Power Seat Rear Riser Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Recliner Motor	BK	Under Driver's Seat	N/S
Driver Power Seat Recliner Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Switch	GN	Under Driver's Seat	N/S
Driver Seat Heater Control Module	BK	Under Driver's Seat	N/S
Duty Cycle EVAP/Purge Solenoid	BK	Front of Left Fender Side Shield	3
Electric Vacuum Modulator	BK	Under PDC	13
Engine Coolant Level Sensor	BK	Right Rear Corner of Engine Compartment	2
Engine Coolant Temperature Sensor	BK	On Thermostat Housing Rear of Generator	5,8, 12
Engine Oil Pressure Sensor	BK	Near Distributor (Gas) Left Side of Engine (Diesel)	5,9, 13
Engine Speed Sensor	BK	Top of Transmission	14
Engine Starter Motor	BK	At Starter Motor	6, 8
Engine Starter Motor Jumper		At Starter Motor	13

Connector Name/Number	Color	Location	Fig.
Factory Trailer Tow Connector	BK	On Trailer Hitch	24
Floor Console Lamps	BK	Left Side of Center Floor Console	20
Four-Wheel Drive Switch	BK	Left Front of Transfer Case	7, 10,14
Fuel Heater	BK	At Fuel Heater/Filter	12
Fuel Injector #1	GY	At Injector	5,9
Fuel Injector #2	GY	At Injector	5,8
Fuel Injector #3	GY	At Injector	5,9
Fuel Injector #4	GY	At Injector	5,8
Fuel Injector #5	GY	At Injector	5,9
Fuel Injector #6	GY	At Injector	5,8
Fuel Injector #7	GY	At Injector	9
Fuel Injector #8	GY	At Injector	8
Fuel Pump (Diesel)	BK	At Pump	12
Fuel Pump Module	BK	Near Fuel Tank	20, 21
G100		Right Fender Side Shield	2
G101		Right Side of Engine Block 4.0L Engine Below Generator 5.2L Engine Right Front of Engine 2.5L	6,8, 13
G103		Right Side of Engine Block 4.0L Engine Below Generator 5.2L Engine	6, 8
G104		Right Side of Engine Block 4.0L Engine	6
G104		Below Generator 5.2L Engine	8
G104		Below A/C Compressor Diesel Engine	12

DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
G105		Right Rear of Engine 4.0L Engine front of Left cylinder Head 5.2L Engine	5, 9
G106		Right Fender Side Shield	2
G107		Right Fender Side Shield	2
G108		Front of Left Fender Side Shield	3
G109		Front of Left Fender Side Shield	3
G110		Right Fender Side Shield	11
G300		Right Rear Quarter Panel	20
G301		Rear of Passenger's Seat	20
G302		On Floor Pan Rear of Driver's Seat	21
G303		On Floor Pan Rear of Driver's Seat	21
G-Switch	BK	Below Right Rear Passenger Seat	20
Generator	BK	At Generator	6,8
Glove Box Lamp	BK	At Glove Box Lamp	15
Glow Plug	BK	Left Side of Engine	12
Glow Plug Relay	BK	At PDC (Diesel Engine)	N/S
Graphic Display Module/Vehicle Information Center	BK	Rear of Vehivle Information Center (VIC)	15
Headlamp Leveling Switch	BK	At Switch	15
Headlamp Switch	BK	Rear of Headlamp Switch	15

Connector Name/Number	Color	Location	Fig.
High Speed Blower Motor Relay	BK	Right Side of HVAC	N/S
Horn No. 1	BK	At Horn, Lower Right Front of Vehicle	1
Horn No. 2	BK	At Horn, Lower Right Front of Vehicle	1
Idle Air Control Motor	BK	On Throttle Body	5, 9
Ignition Coil	BK	Right Front of Engine	5, 8
Ignition Relay	BK	In PDC	N/S
Ignition Switch	BK	On Steering Column	18
In-Car Temperature Sensor	BK	Center, Top of Instrument Panel	14
Instrument Cluster	BK	Rear of Instrument Cluster	15
Intake Air Temperature Sensor	GY	On Intake Manifold	5, 8
Junction Block - C1	BK	Behind Right Kick Panel	16
Junction Block - C2	BK	Behind Right Kick Panel	16
Junction Block - C3	BK	Behind Right Kick Panel	16
Junction Block - C4	BL*	Behind Right Kick Panel	16
Junction Block - C5	YL	Behind Right Kick Panel	16
Junction Block - C6	GY	Behind Right Kick Panel	16
Junction Block - C7	GN	Behind Right Kick Panel	16
Junction Block - C8	BK	Behind Right Kick Panel	16
Junction Block - C9	BK	Behind Right Kick Panel	16
Junction Block - C10	BK	Behind Right Kick Panel	16

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Junction Block Body Connector - C13	BK	Behind Right Kick Panel	N/S
Junction Block Body Connector - C14	BK	Behind Right Kick Panel	N/S
Key-In Switch/Halo Lamp	GY	On Steering Column, Near Ignition Switch	17
Lamp Outage Module C1	BK	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	21
Lamp Outage Module C2	BK	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	21
Left Back-Up Lamp	BK	At Lamp	N/S
Left Courtesy Lamp	BK	At Lamp	15
Left Front Door Courtesy Lamp	BK	In Left Front Door	22
Left Front Fog Lamp	BK	Left Fog Lamp	N/S
Left Front Cylinder Lock Switch	BK	In Left Front Door	22
Left Front Power Door Lock Motor	BK	In Left Front Door	22
Left Front Door Ajar Switch	BK	At Switch	21
Left Front Door Speaker	BK	In Left Front Door	22
Left Front Park Lamp	WT	At Lamp	N/S
Left Front Power Window Motor	BK	In Left Front Door	22
Left Front Side Marker Lamp	GY	At Lamp	N/S
Left Front Turn Signal Lamp	BK	At Lamp	N/S

Connector Name/Number	Color	Location	Fig.
Left Front Wheel Speed Sensor	BK	Left Rear Corner of Engine Compartment	3
Left Headlamp	BK	Rear of Headlamp	1
Left Headlamp Leveling Motor	BK	At Headlamp	1
Left Instrument Panel Speaker	BK	Rear of Left Instrument Panel Speaker	15
Left License Lamp	NAT	In Liftgate Behind License Plate Lamps	27
Left Rear Door Ajar Switch	BK	At Switch	21
Left Rear Door Lock Motor	BK	In Left Rear Door	23
Left Rear Door Speaker	BK	In Left Rear Door	23
Left Rear Power Window Motor	BK	In Left Rear Door	23
Left Rear Power Window switch	BL	In Left Rear Door	23
Left Rear Side Marker Lamp	NAT	At Lamp	N/S
Left Rear Turn Signal Lamp	BK	At Lamp	N/S
Left Rear Wheel Speed Sensor	BK	Below Right Rear Passenger Seat	20
Left Side Repeater Lamp	BK	At Lamp	N/S
Left Tail/Stop Lamp	BK	At Lamp	N/S
Left Visor/Vanity Mirror	BK	Top of Left A-Pillar	19
Liftgate Ajar Switch	BK	In Liftgate	25
Liftgate Cylinder Lock Switch	BK	In Liftgate	25
Liftgate Lock Motor	BK	In Liftgate	25
Liftglass Ajar Switch	BK	In Liftgate	25
Liftglass Limit Switch	NAT	In Liftgate	25

DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Liftglass Push Button	BK	In Liftgate	25
Liftglass Release Solenoid	BK	In Liftgate	25
Low Washer Fluid Level Sensor	BK	Below Battery Tray	4
Manifold Absolute Pressure Sensor	BK	On Throttle Body	5, 9
Mass Airflow Sensor	BK	At Air Cleaner	N/S
Memory Seat Module Connector C1	BK	At Driver's Seat	N/S
Memory Seat Module Connector C2	BK	At Driver's Seat	N/S
Mini Overhead Console	GY	Under Passenger's Seat	N/S
Mode Door Motor	BK	Left Side of HVAC	N/S
MSA Controller	BK	At Controller	N/S
Multi-Function Switch	BK	On Steering Column	18
Needle Movement Sensor	BK	In #1 Injector	12
Output Shaft Speed Sensor	BK	Left Side of Transmission	7, 10
Overdrive Switch	BK	At Switch	15
Overhead Console	RD	Center of Headliner, Above Rear View Mirror	18
Overhead Console Junction Block	BK	Behind Right Kick Panel, At Junction Block	15
Park Brake Switch	BK	At Park Brake Lever	20
Park/Neutral Position Switch	BK	Left Side of Transmission	7, 10

Connector Name/Number	Color	Location	Fig.
Passenger Airbag	YL	Behind Passenger Airbag	14
Passenger Door Module C1	WT	In Right Front Door	N/S
Passenger Heated Seat Back	GN	Under Passenger's Seat	N/S
Passenger Heated Seat Cushion	BK	Under Passenger's Seat	N/S
Passenger Lumbar Motor	BK	Under Passenger's Seat	N/S
Passenger Lumbar Switch	WT	Under Passenger's Seat	N/S
Passenger Power Seat Front Riser Motor	RD	Under Passenger's Seat	N/S
Passenger Power Seat Horizontal Motor	BK	Under Passenger's Seat	N/S
Passenger Power Seat Rear Riser Motor	RD	Under Passenger's Seat	N/S
Passenger Power Seat Recliner Motor	BK	Under Passenger's Front Seat	N/S
Passenger Power Seat Switch	BK	Under Passenger's Front Seat	N/S
Passenger Seat Heater Control Module	GY	Under Passenger's Seat	N/S
Pedal Position Sensor	BK	At Throttle Pedal	N/S
Power Amplifier C1	WT	Below Right Rear Passenger Seat	20
Power Amplifier C2	WT	Below Right Rear Passenger Seat	20
Power Antenna Motor	BK	At Junction Block	N/S
Power Outlet	BK	Rear of Power Outlet	15

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Powertrain Control Module C1	BK	Right Rear Corner of Engine Compartment At PCM	2
Powertrain Control Module C2	WT	Right Rear Corner of Engine Compartment At PCM	2
Powertrain Control Module C3	GY	Right Rear Corner of Engine Compartment At PCM	2
Radio C1	GY	Rear of Radio	15
Radio C2	BK	Rear of Radio	15
Radio C3	BK	Rear of Radio	15
Rear Speaker	BK	Rear Door	23
Rear Washer Pump Motor	BK	Bottom of Windshield Washer Fluid Reservoir	4
Rear Wiper Motor	BK	In Liftgate	24
Rear Wiper/Washer Switch	BK	Behind Rear Wiper Switch	15
Recirculation Door Motor	YL	Top of HVAC	N/S
Right Back-Up Lamp	BK	At Lamp	N/S
Right Courtesy Lamp	BK	Right Courtesy Lamp	15
Right Door Courtesy Lamp	BK	In Right Front Door	22
Right Front Door Ajar Switch	WT	At Switch	22
Right Front Fog Lamp	BK	Rear of Fog Lamp	1
Right Front Cylinder Lock Switch	BK	In Right Front Door	22
Right Front Power Door Lock Motor	BK	In Right Front Door	22
Right Front Door Speaker	BK	In Right Front Door	22

Connector Name/Number	Color	Location	Fig.
Right Front Park Lamp	WT	At Lamp	N/S
Right Front Power Window Motor	BK	In Right Front Door	22
Right Front Turn Signal Lamp	BK	At Lamp	N/S
Right Front Wheel Speed Sensor	BK	Right Rear Corner of Engine Compartment	2
Right Headlamp	BK	Right Fog Lamp	1
Right Headlamp Leveling Motor	BK	At Headlamp	1
Right Instrument Panel Speaker	BK	Top Right of Instrument Panel	15
Right License Lamp	NAT	In Liftgate, Behind License Plate Lamps	27
Right Rear Door Ajar Switch	BK	At Switch	N/S
Right Rear Door Lock Motor	BK	In Right Rear Door	23
Right Rear Door Speaker	BK	In Right Rear Door	23
Right Rear Fog Lamp	BK	At Lamp	N/S
Right Rear Power Window Motor	BK	In Right Rear Door	23
Right Rear Power Window Switch	BL	In Right Rear Door	23
Right Rear Side Marker Lamp	NAT	At Lamp	N/S
Right Rear Speaker	BK	At Speaker	N/S
Right Rear Turn Signal Lamp	BK	At Lamp	N/S
Right Rear Wheel Speed Sensor	RD	Below Right Rear Passenger Seat	20
Right Side Repeater Lamp	BK	At Lamp	N/S
Right Tail/Stop Lamp	BK	At Lamp	N/S

DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Right Visor/ Vanity Mirror	BK	Top of Right A-Pillar	19
Seat Belt Switch	BK	Near Bottom of Driver's Seat Belt Clasp	20
Shift Interlock	BK	Steering Column, On Shift Cable	N/S
Solar Sensor	RD	Above Glove Box	15
Stop Lamp Switch	GY	Top of Brake Pedal Arm	17
Sunroof Control Module	BK	Rear of Sunroof	N/S
Sunroof Motor	BK	Rear of Sun Roof	N/S
Sunroof Switch	NAT	Center of Headliner, Above Rear View Mirror	19
Switch Pod	BK	Rear of Overdrive Switch	15
Throttle Position Sensor	BK	On Throttle Body	5, 9
Trailer Tow Circuit Breaker	BK	Right Rear Quarter Panel	24
Trailer Tow Left Turn Relay	BK	Right Rear Quarter Panel	24
Trailer Tow Right Turn Relay	BK	Right Rear Quarter Panel	24

Connector Name/Number	Color	Location	Fig.
Trailer Tow Stop Lamp Relay	BK	Right Rear Quarter Panel	24
Transmission Solenoid Assembly	BK	Left Side of Transmission	7, 10
Underhood Lamp	BK	On Underside of Hood	26
Upstream Heated Oxygen Sensor	GY	Right Front of Transmission (5.2L/5.9L) Rear of Power Steering Pump (4.0L)	5,10
Vehicle Speed Control Servo	BK	Right Fender Side Shield	2
Vehicle Speed Control/Horn Switch	NAT	On Steering Column	18
Vehicle Speed Sensor	BK	Rear of Transfer Case	7, 10,14
Water in Fuel Separator	BK	At Fuel Heater / Filter	12
Windshield Washer Pump Motor	BK	Bottom of Windshield Washer Fluid Reservoir	4
Windshield Wiper Motor	BK	Center of Cowl	4

DESCRIPTION AND OPERATION (Continued)

80b3c906

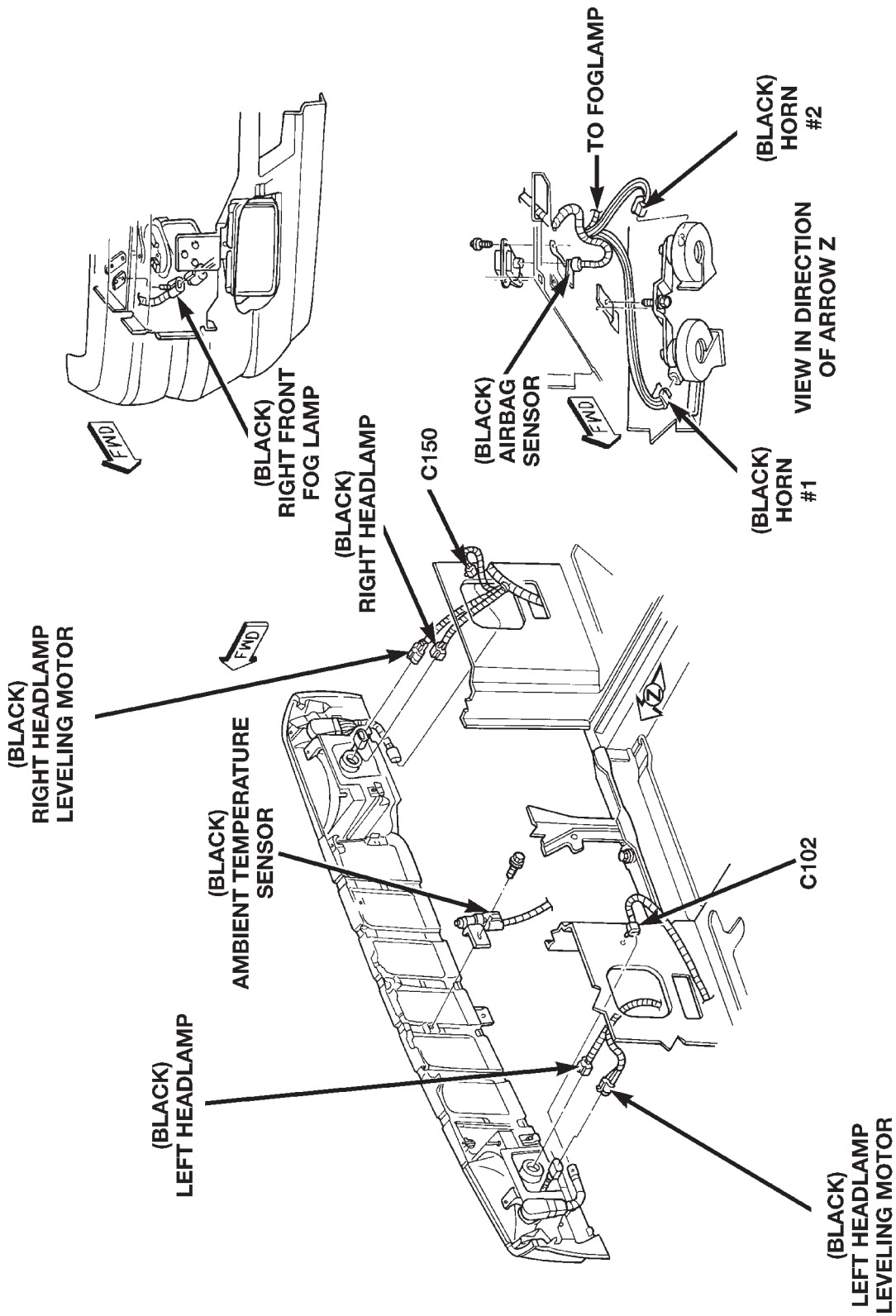


Fig. 1 Front End Lighting—LHD



DESCRIPTION AND OPERATION (Continued)

80b3c907

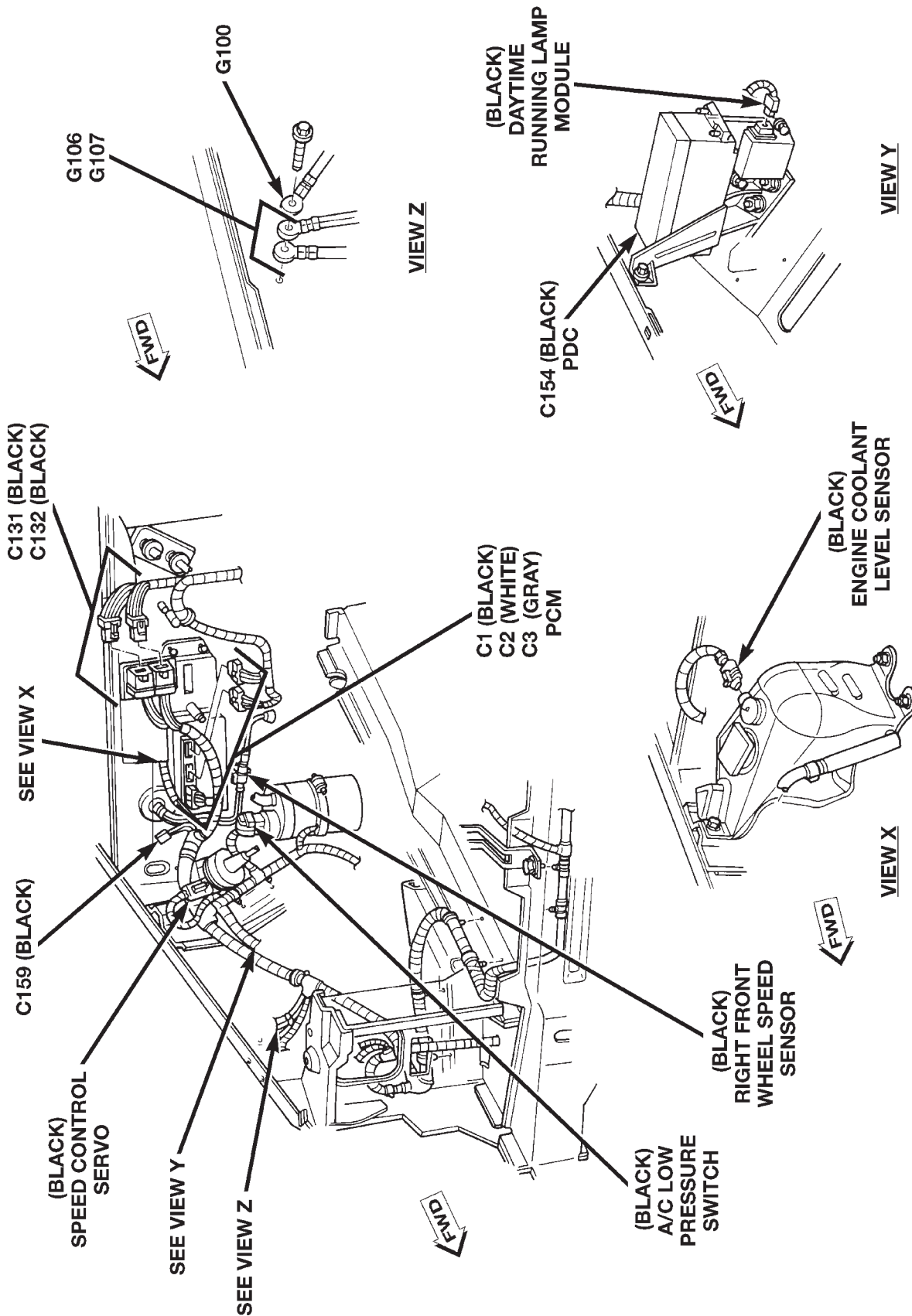


Fig. 2 Engine Compartment—Left Side, LHD

DESCRIPTION AND OPERATION (Continued)

80b3c909

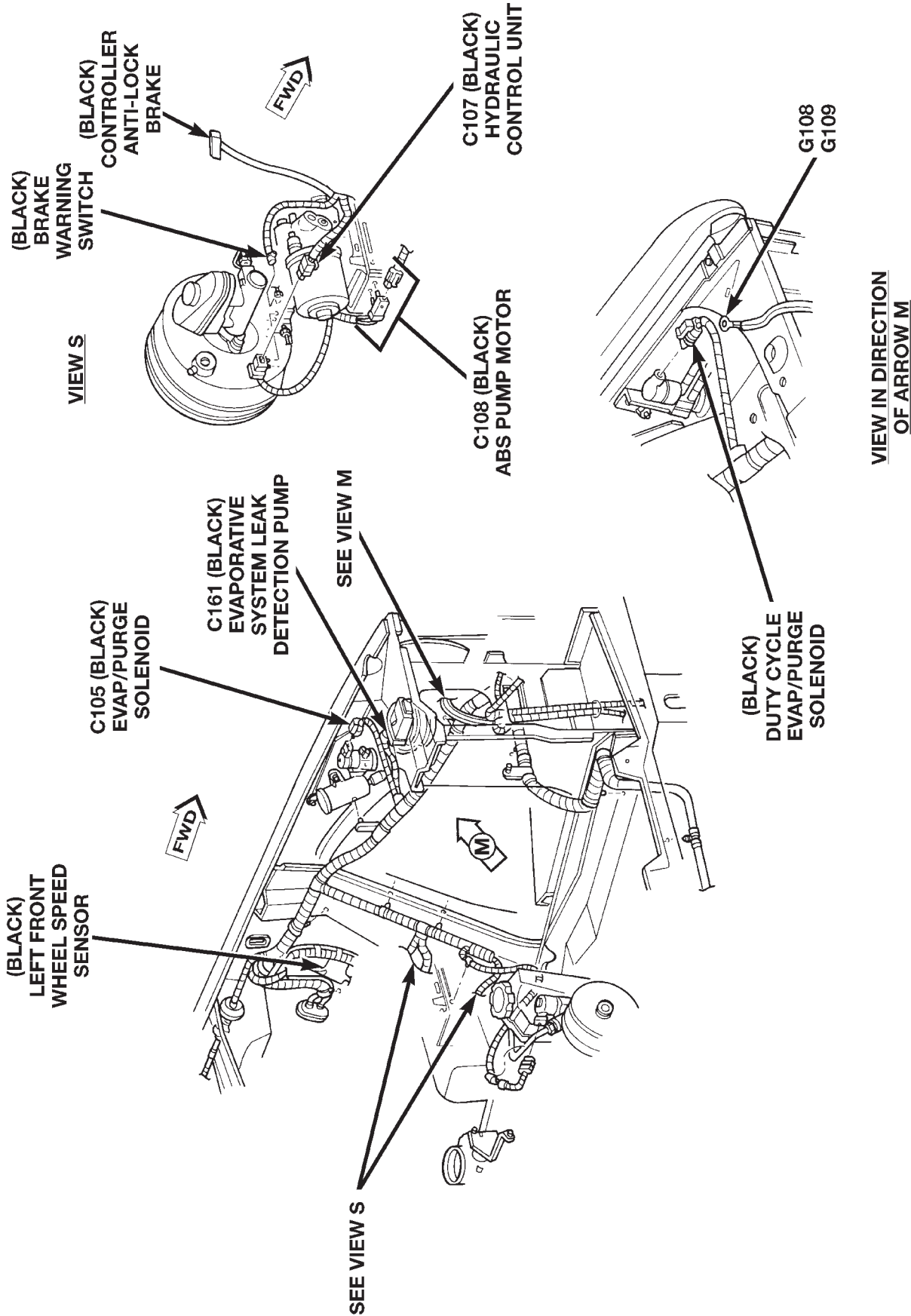


Fig. 3 Engine Compartment—Right Side, LHD

80b3c90a

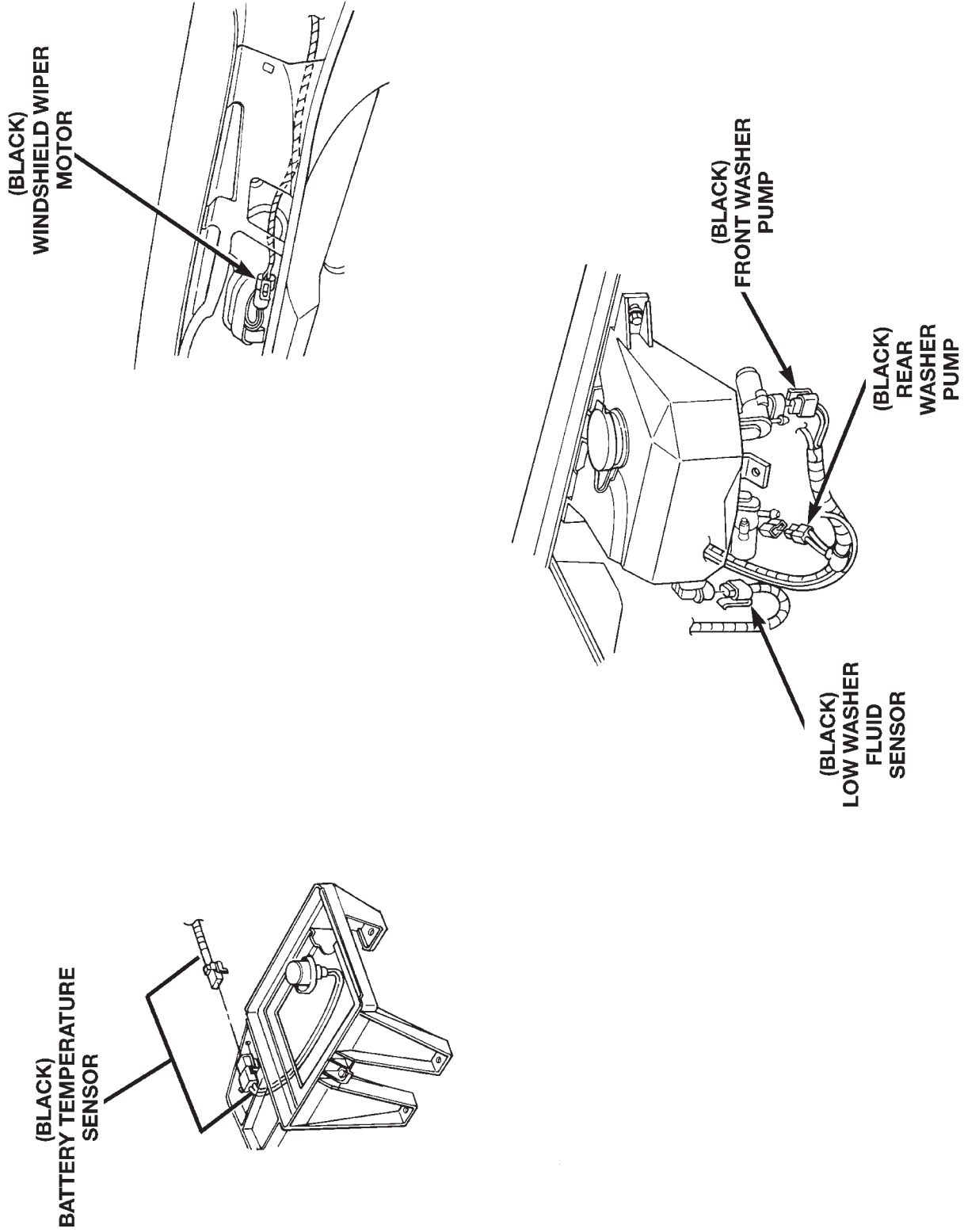
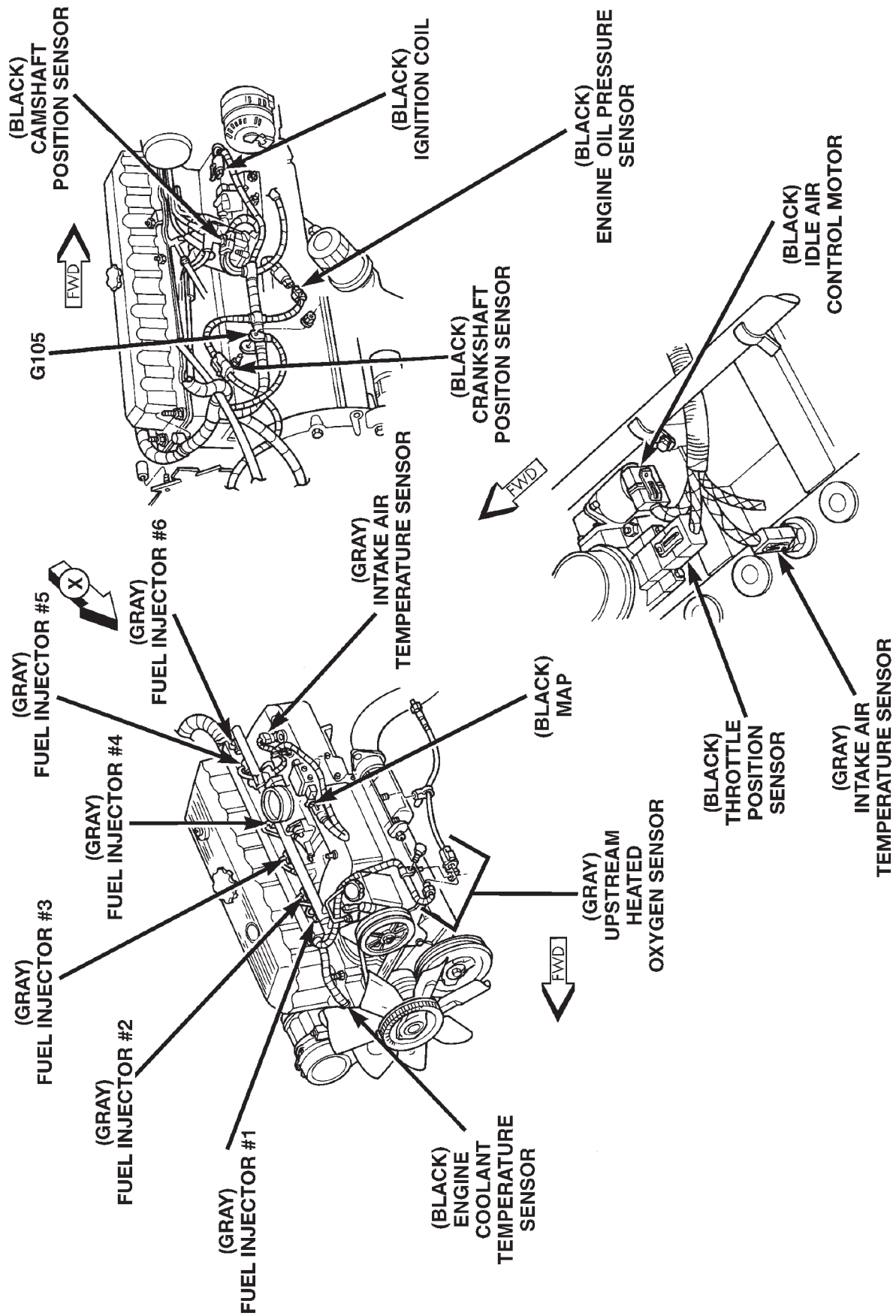


Fig. 4 Engine Compartment Connectors—LHD

DESCRIPTION AND OPERATION (Continued)



80b3c90b

Fig. 5 Engine Connectors—4.0L Engine, LHD

DESCRIPTION AND OPERATION (Continued)

80b3c90c

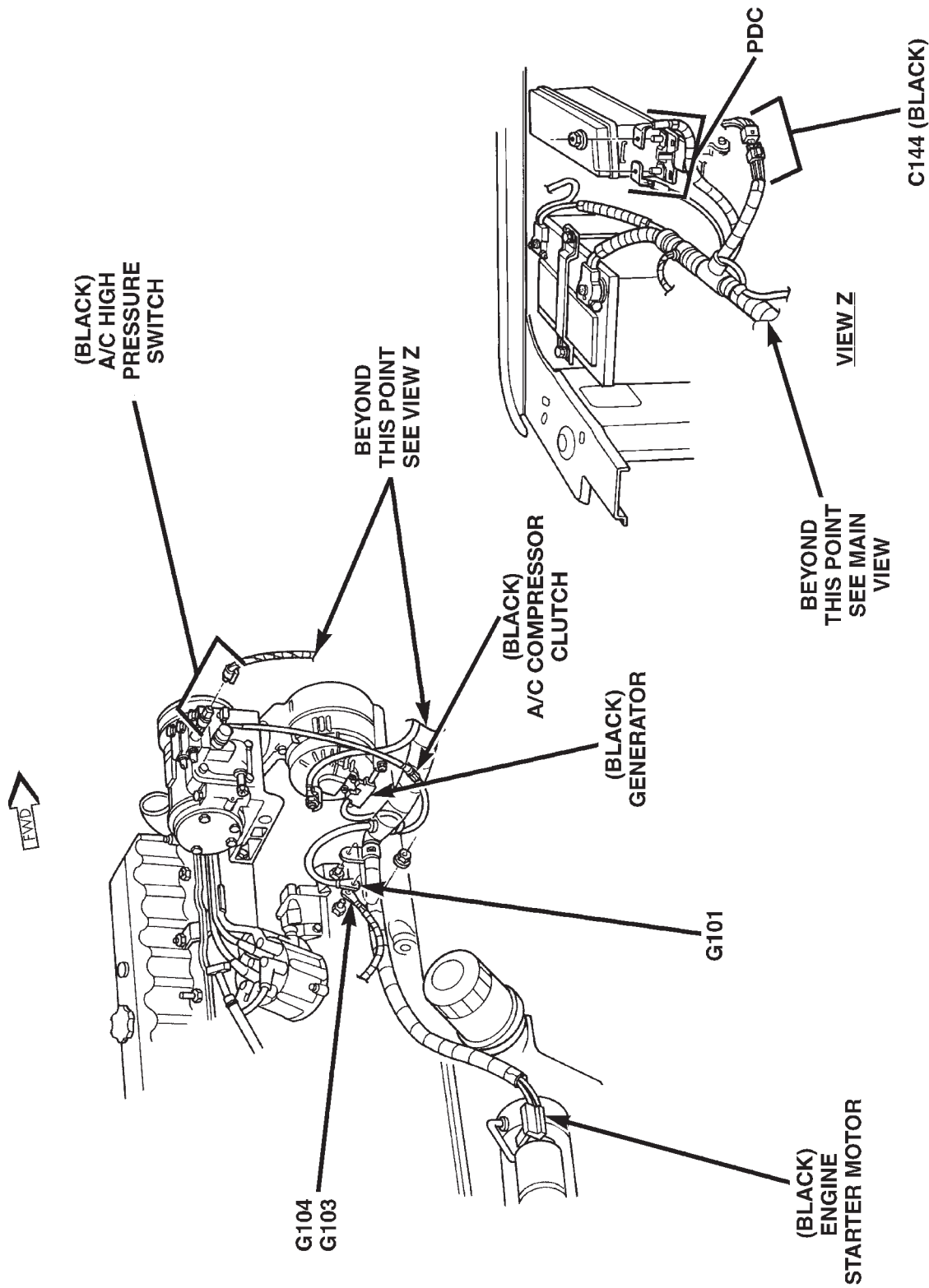


Fig. 6 Charging System Connectors—4.0L Engine, LHD

DESCRIPTION AND OPERATION (Continued)

80a8376c

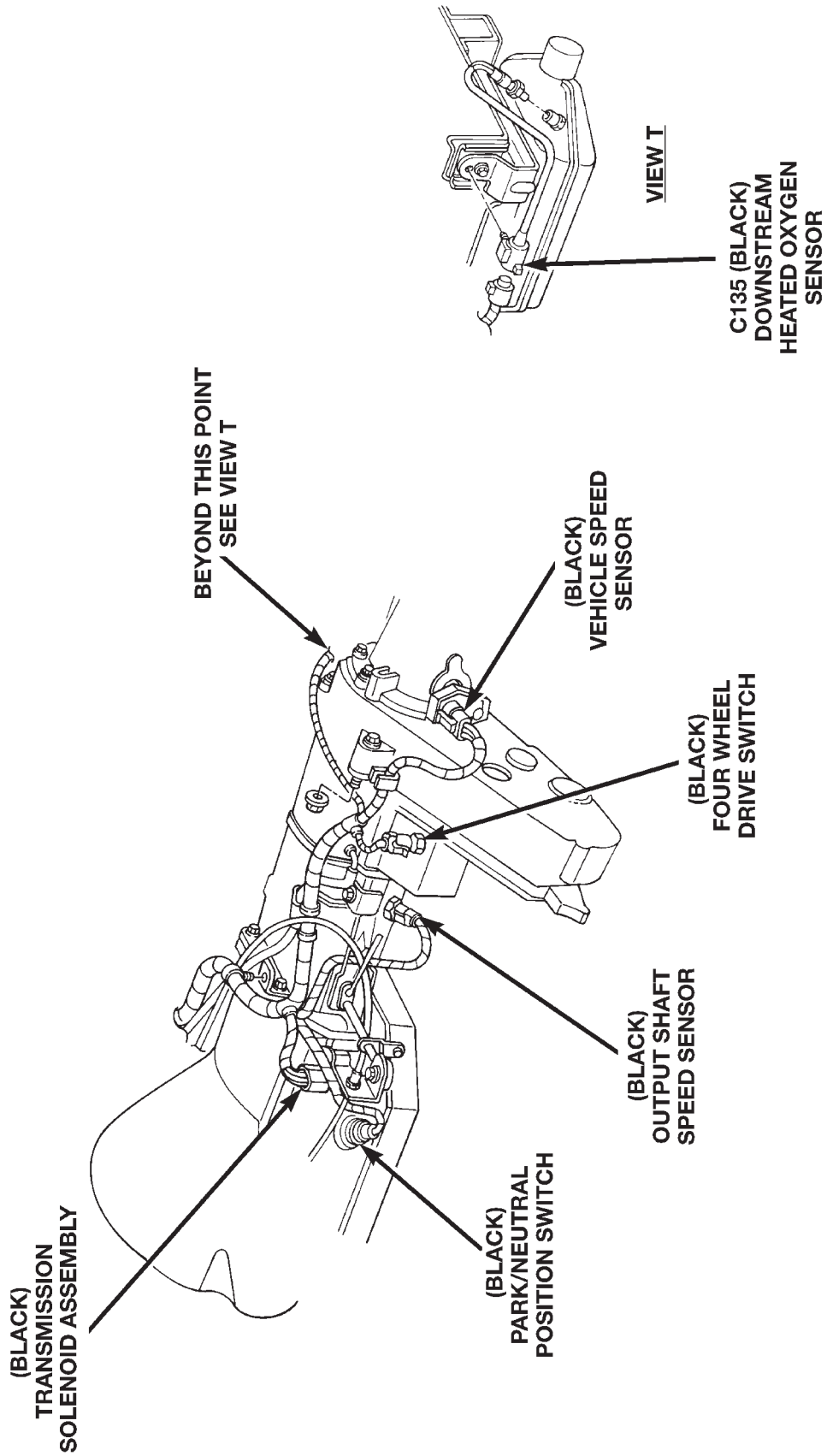


Fig. 7 Transmission Connectors—4.0L Engine, LHD

DESCRIPTION AND OPERATION (Continued)

80b3c90e

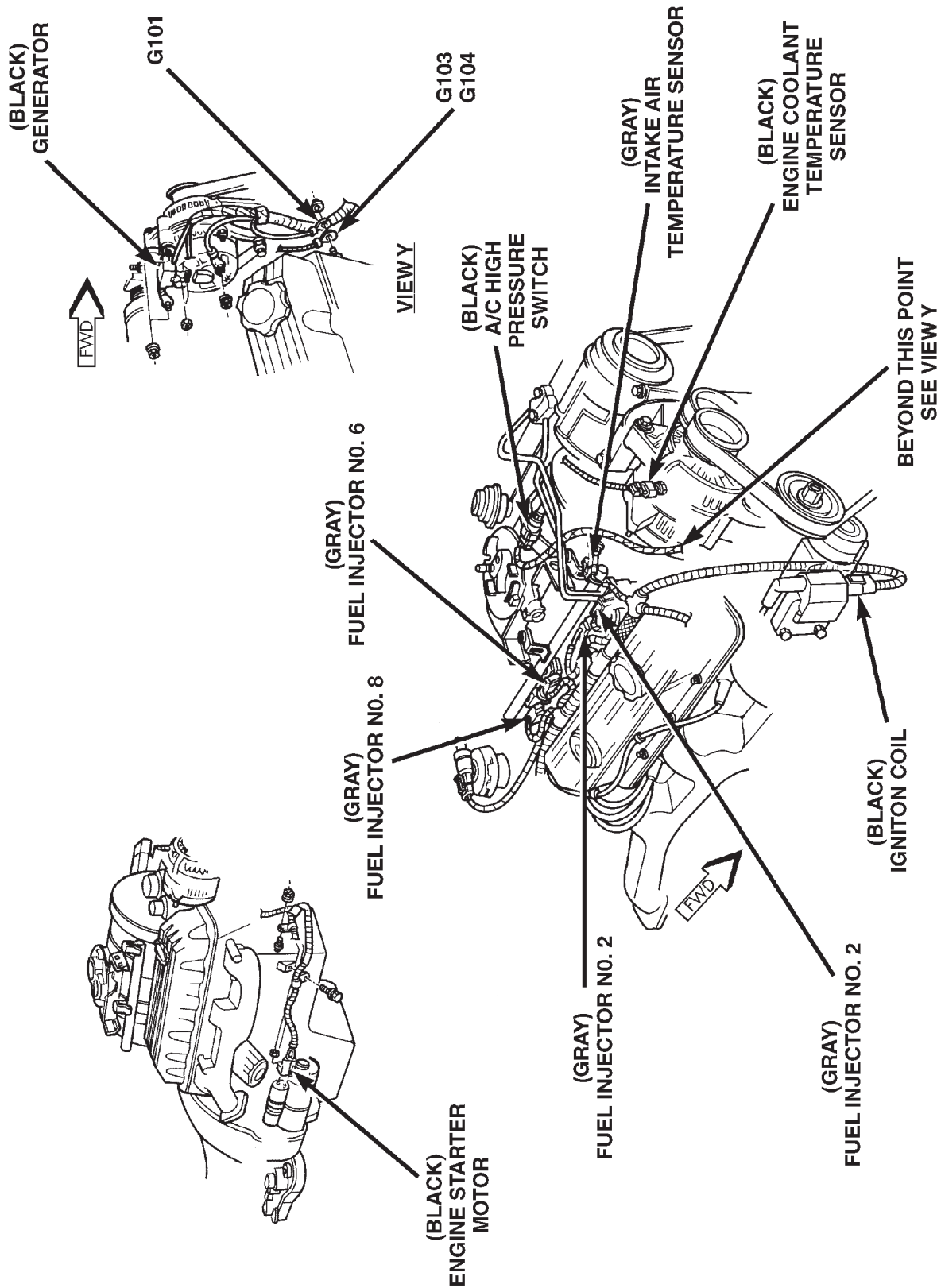
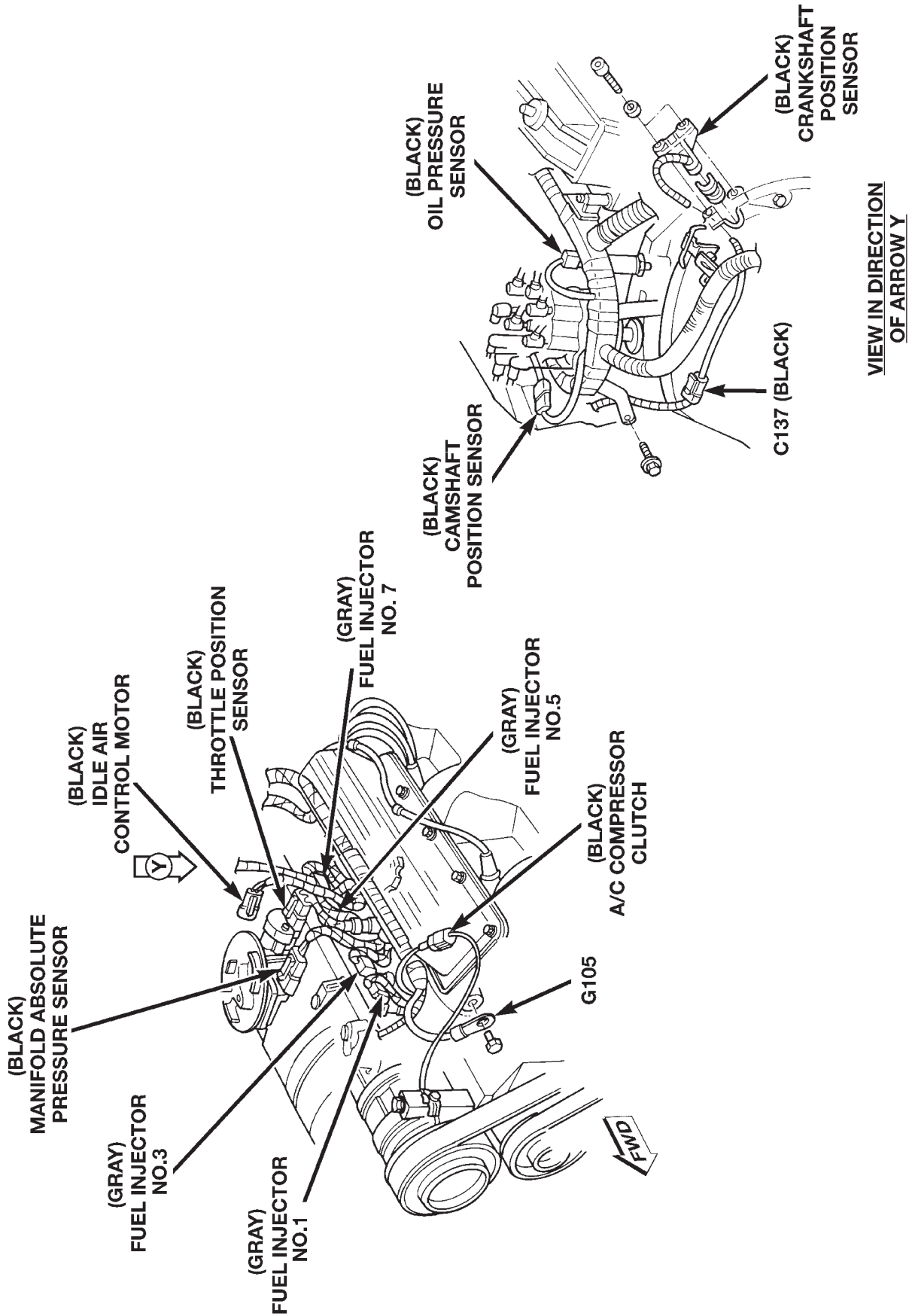


Fig. 8 Engine Connectors—5.2L Engine, LHD

DESCRIPTION AND OPERATION (Continued)



80b3c90f

Fig. 9 Engine Connectors—5.2L Engine, LHD



DESCRIPTION AND OPERATION (Continued)

80b3c910

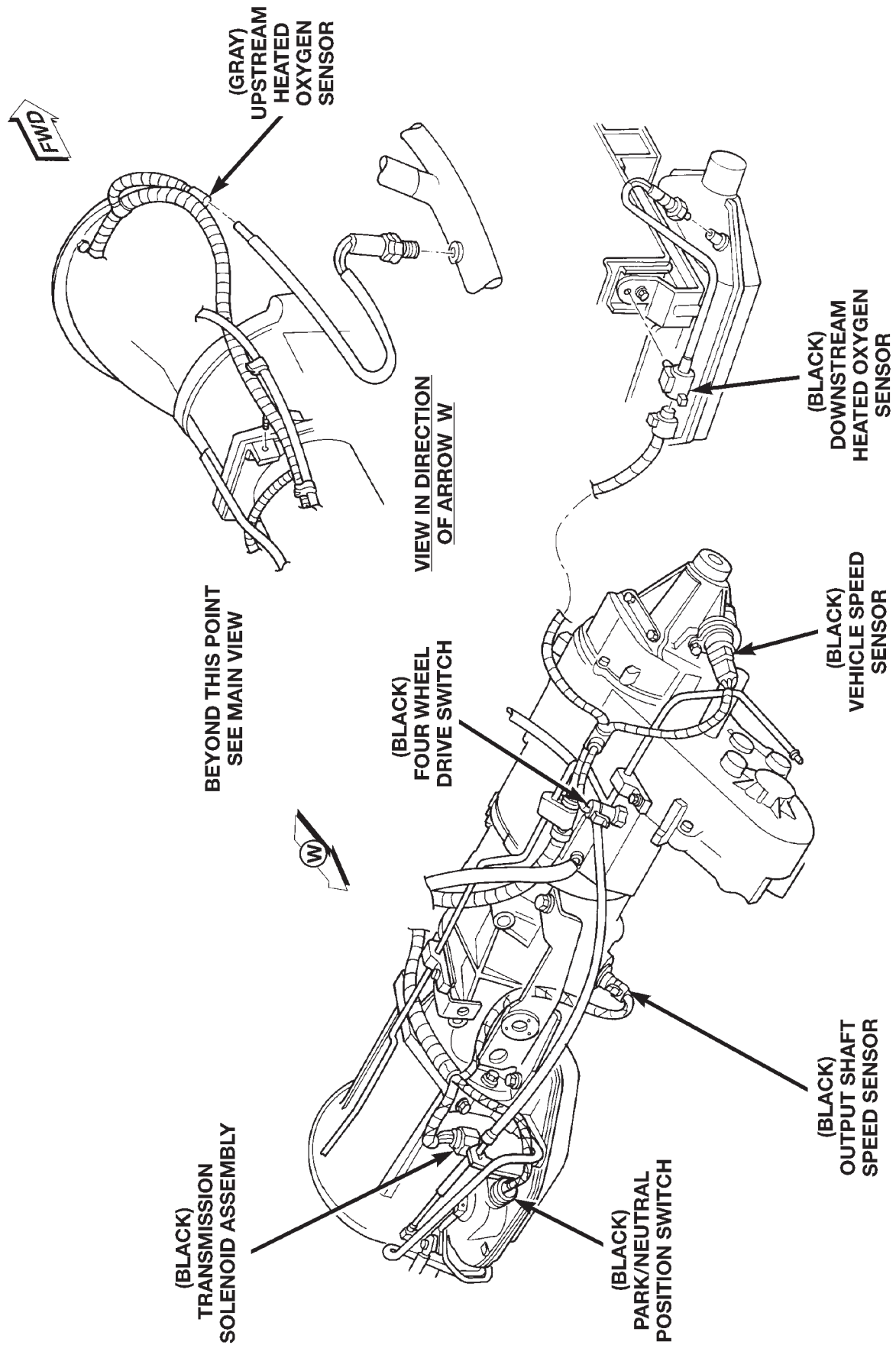


Fig. 10 Transmission Connectors—5.2L, LHD

DESCRIPTION AND OPERATION (Continued)

8063c911

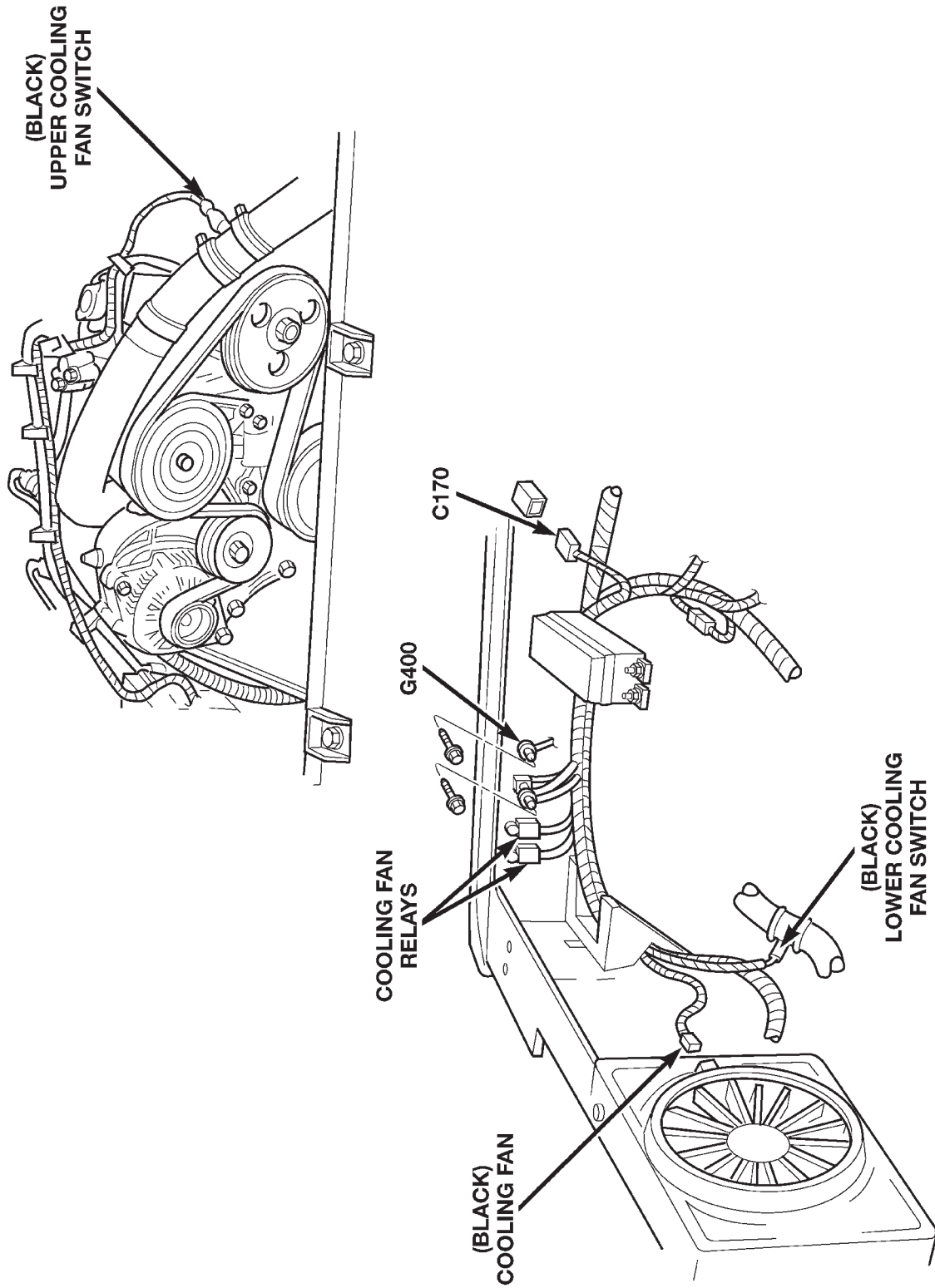


Fig. 11 Cooling Fan—5.2L/5.9L, LHD

DESCRIPTION AND OPERATION (Continued)

80b3c912

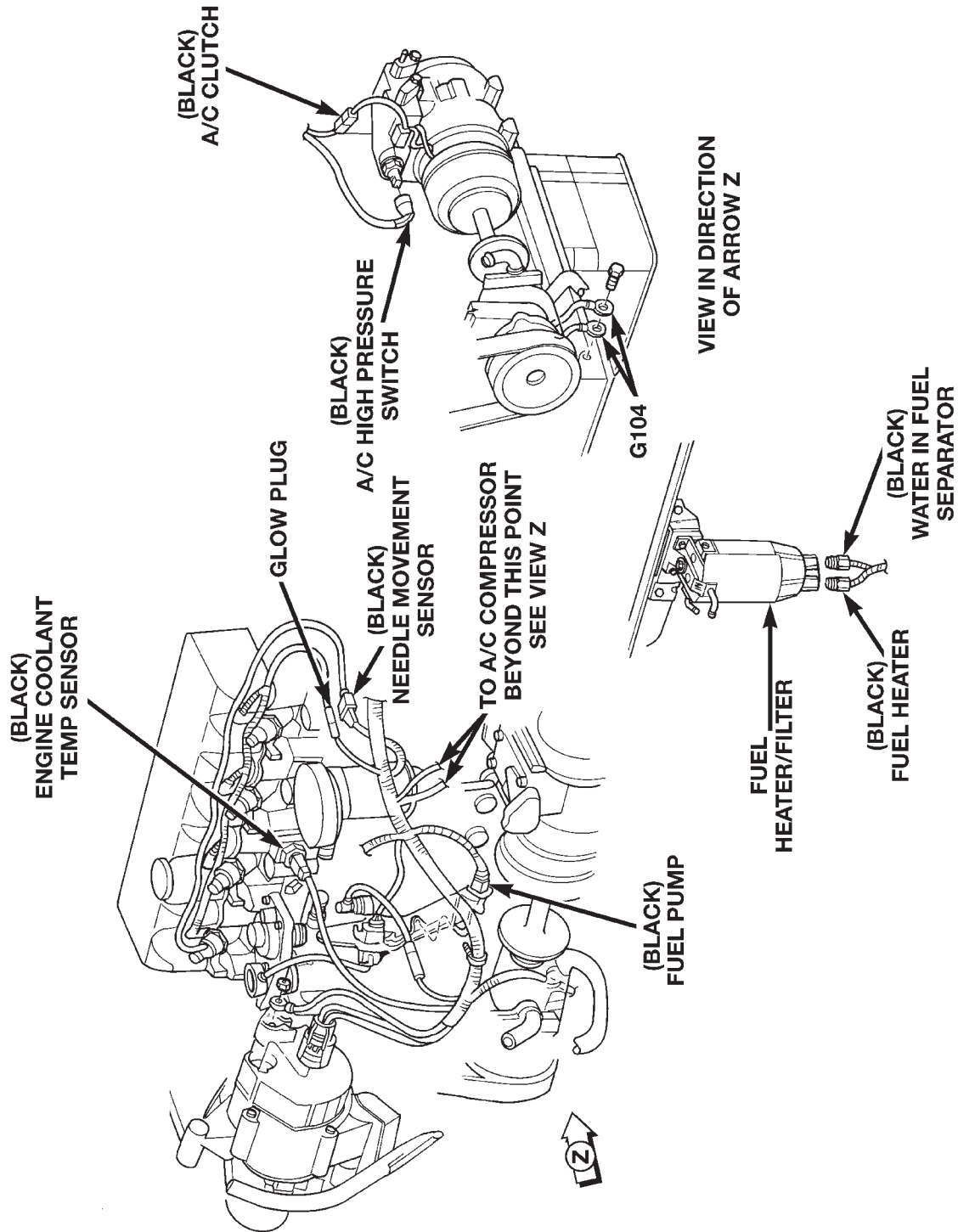


Fig. 12 Engine Connectors—Diesel Engine, LHD

DESCRIPTION AND OPERATION (Continued)

8053c913

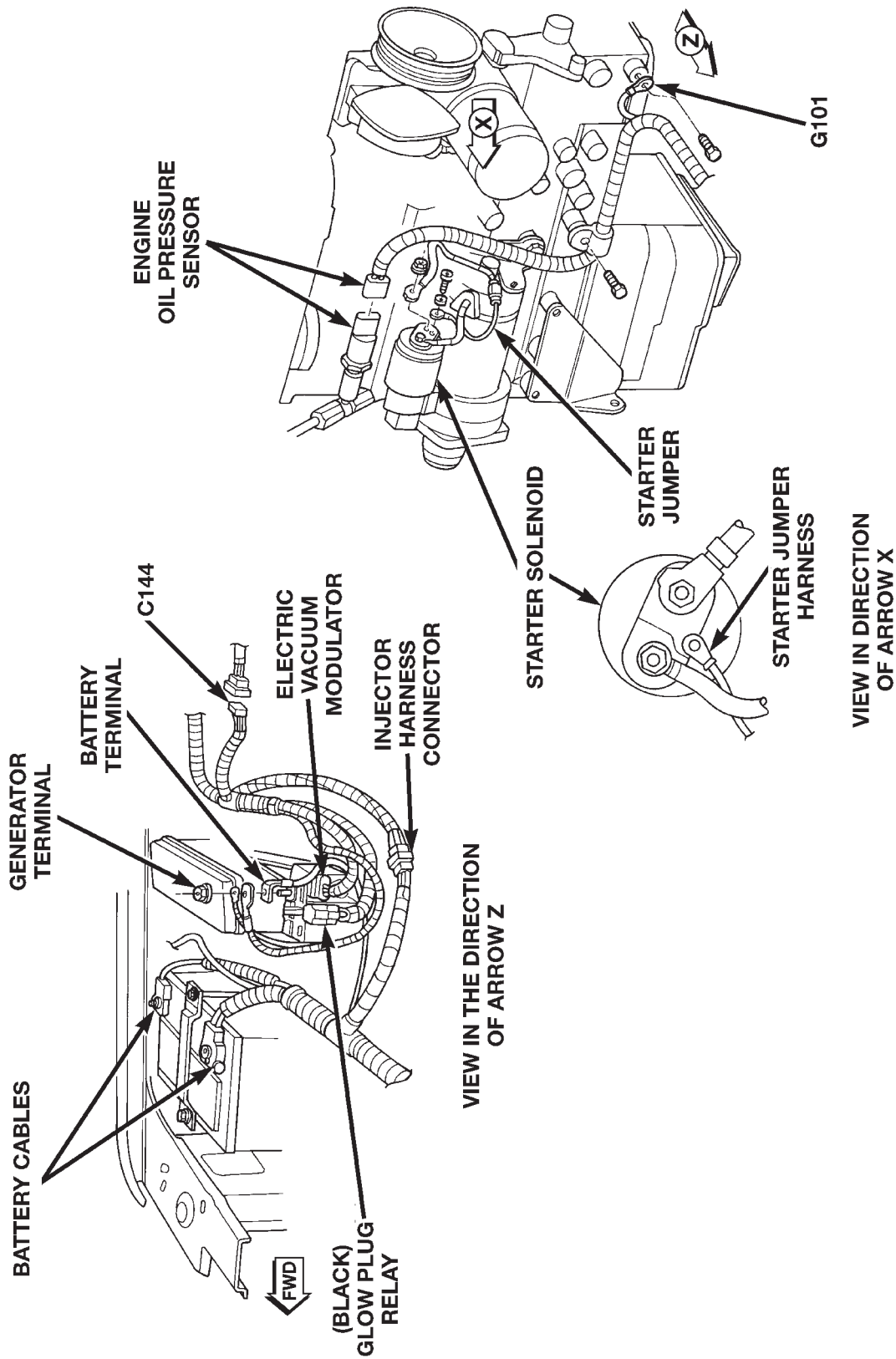


Fig. 13 Battery and Starter Motor Connectors—Diesel Engine, LHD

DESCRIPTION AND OPERATION (Continued)

8053c914

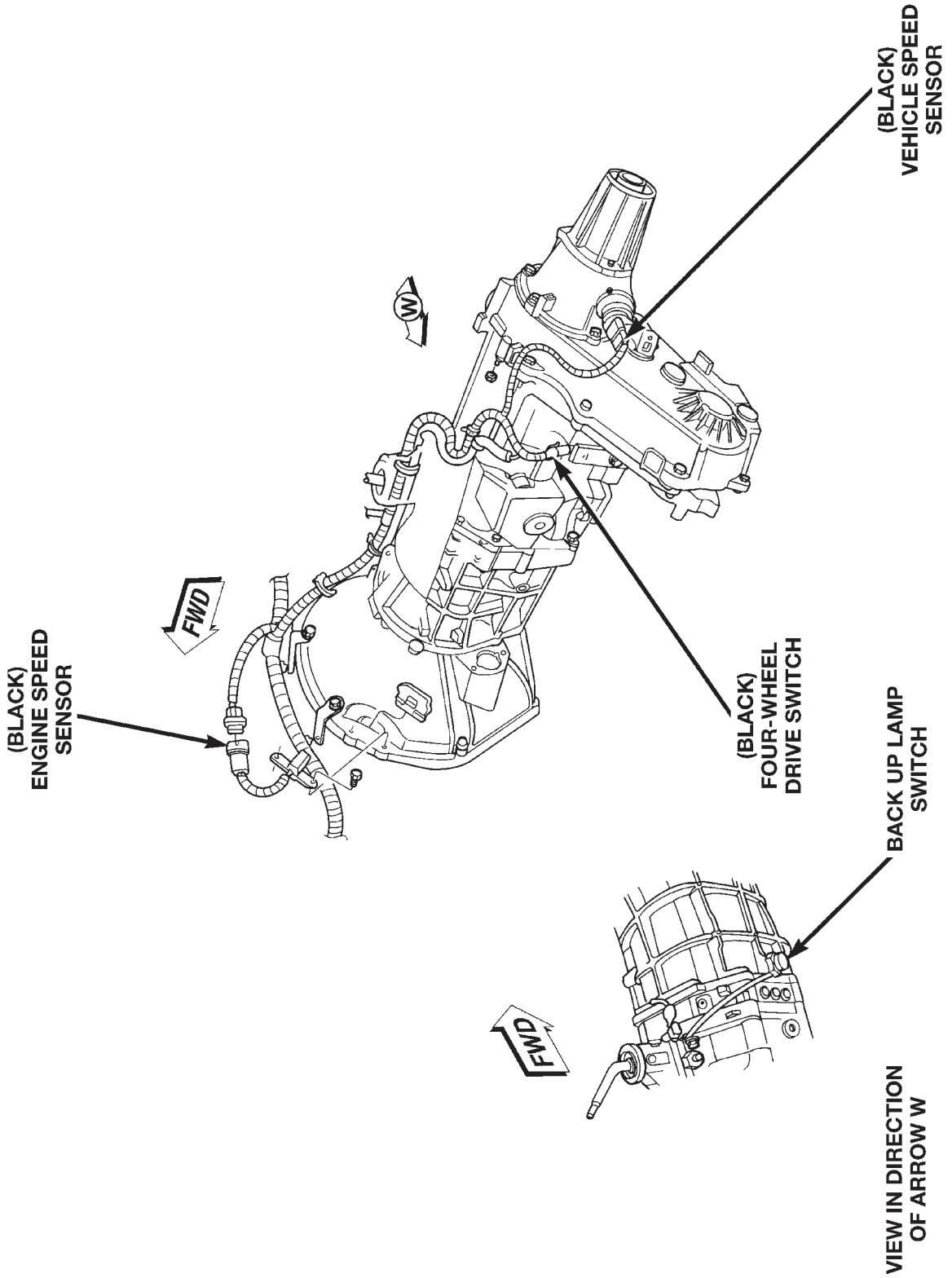
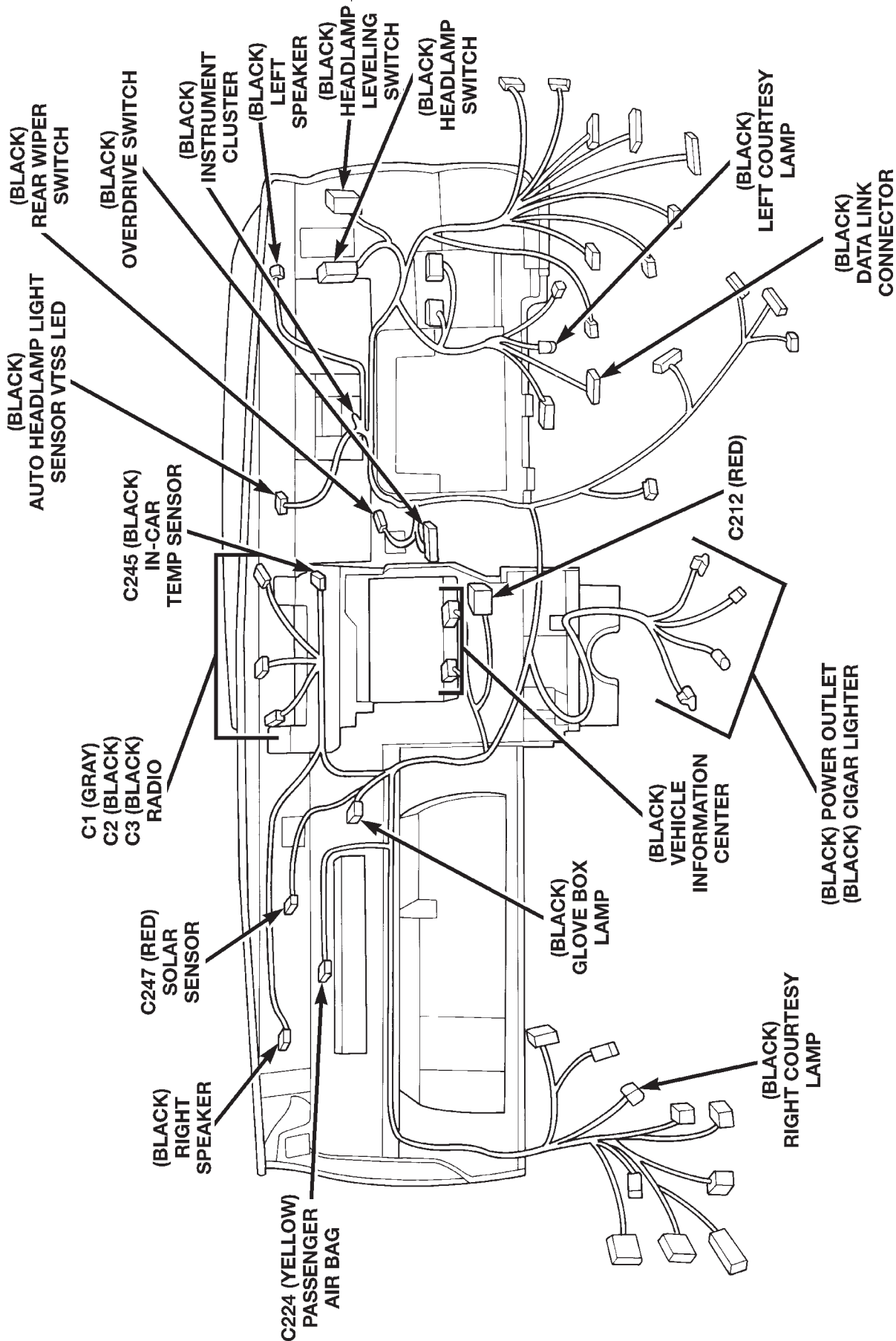


Fig. 14 Transmission Connectors—Diesel Engine, LHD

DESCRIPTION AND OPERATION (Continued)



80b3c915

Fig. 15 Instrument Panel Connectors—LHD

DESCRIPTION AND OPERATION (Continued)

80b3c916

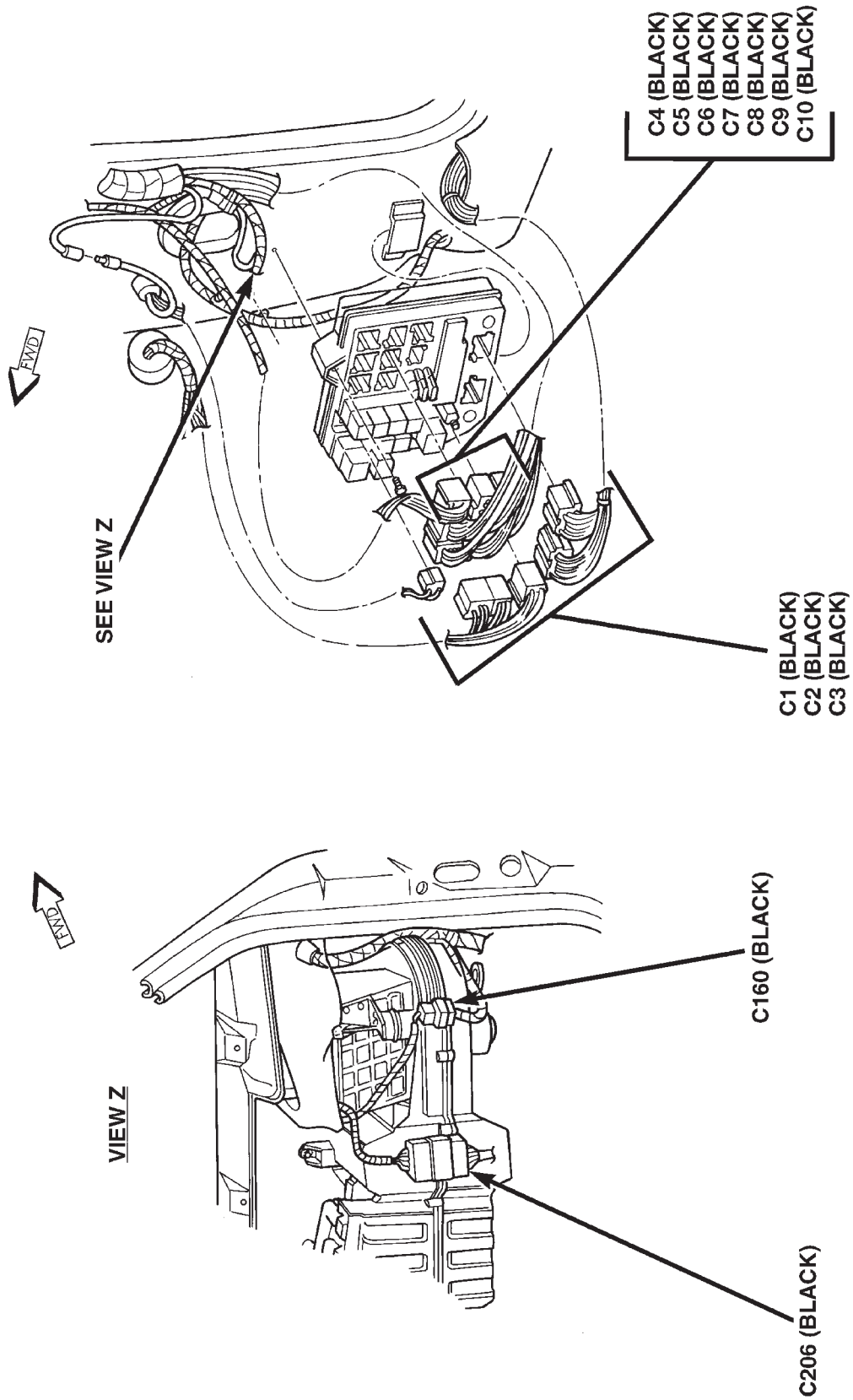


Fig. 16 Junction Block and HVAC Unit Connectors—LHD

DESCRIPTION AND OPERATION (Continued)

8063c917

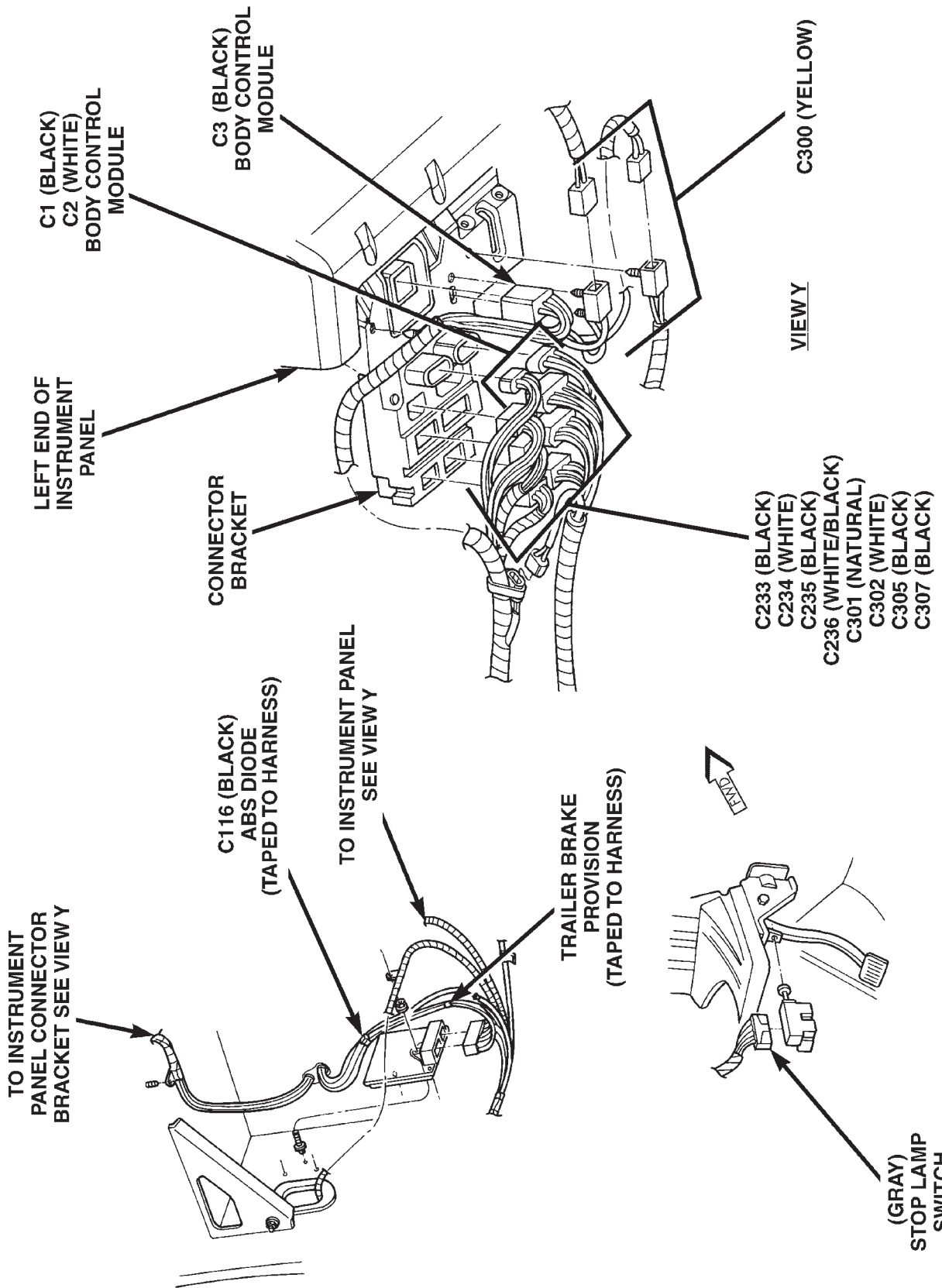


Fig. 17 Instrument Panel Connectors—Left Side, LHD



DESCRIPTION AND OPERATION (Continued)

80b3c918

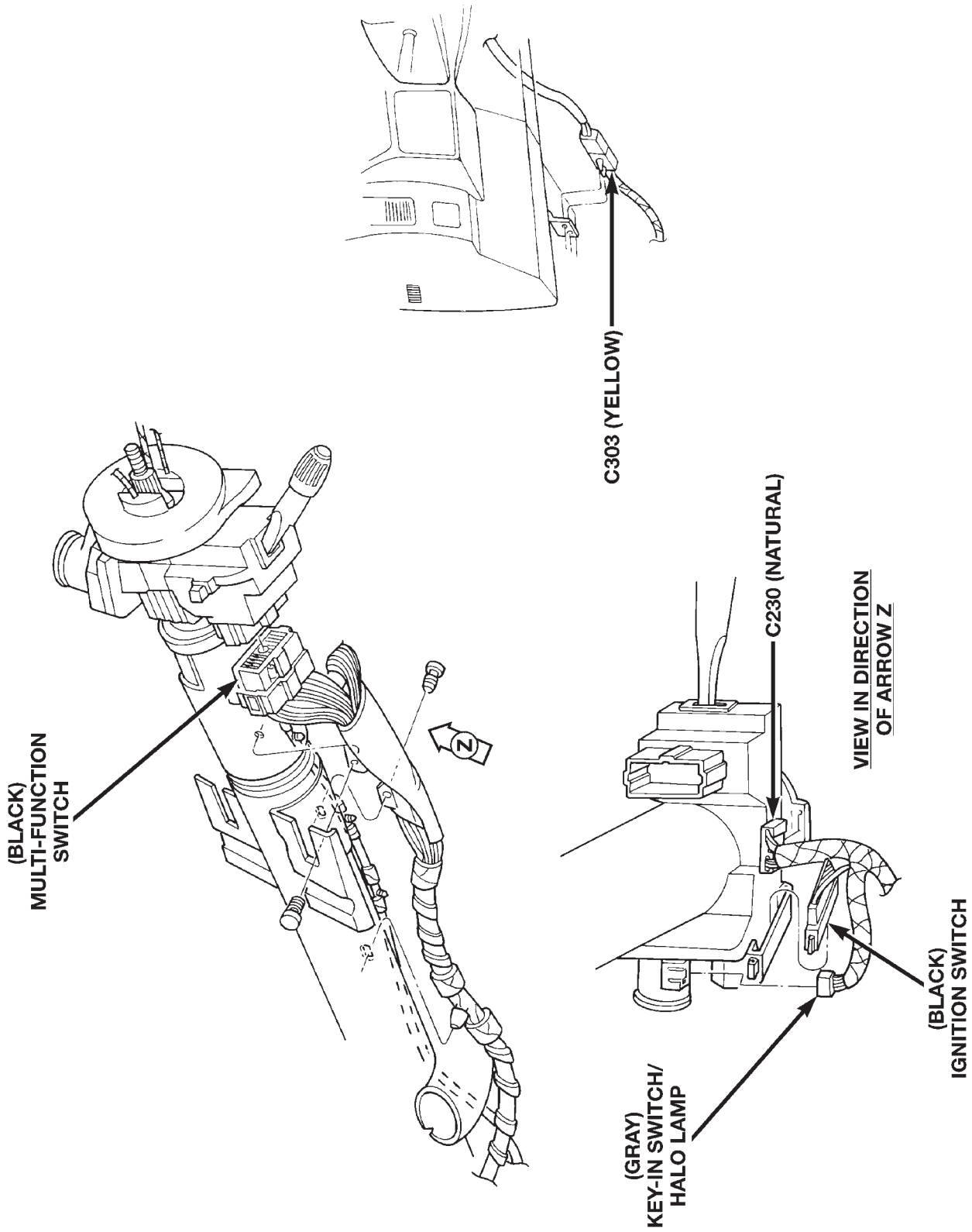


Fig. 18 Steering Column Connectors—LHD

DESCRIPTION AND OPERATION (Continued)

80b3c919

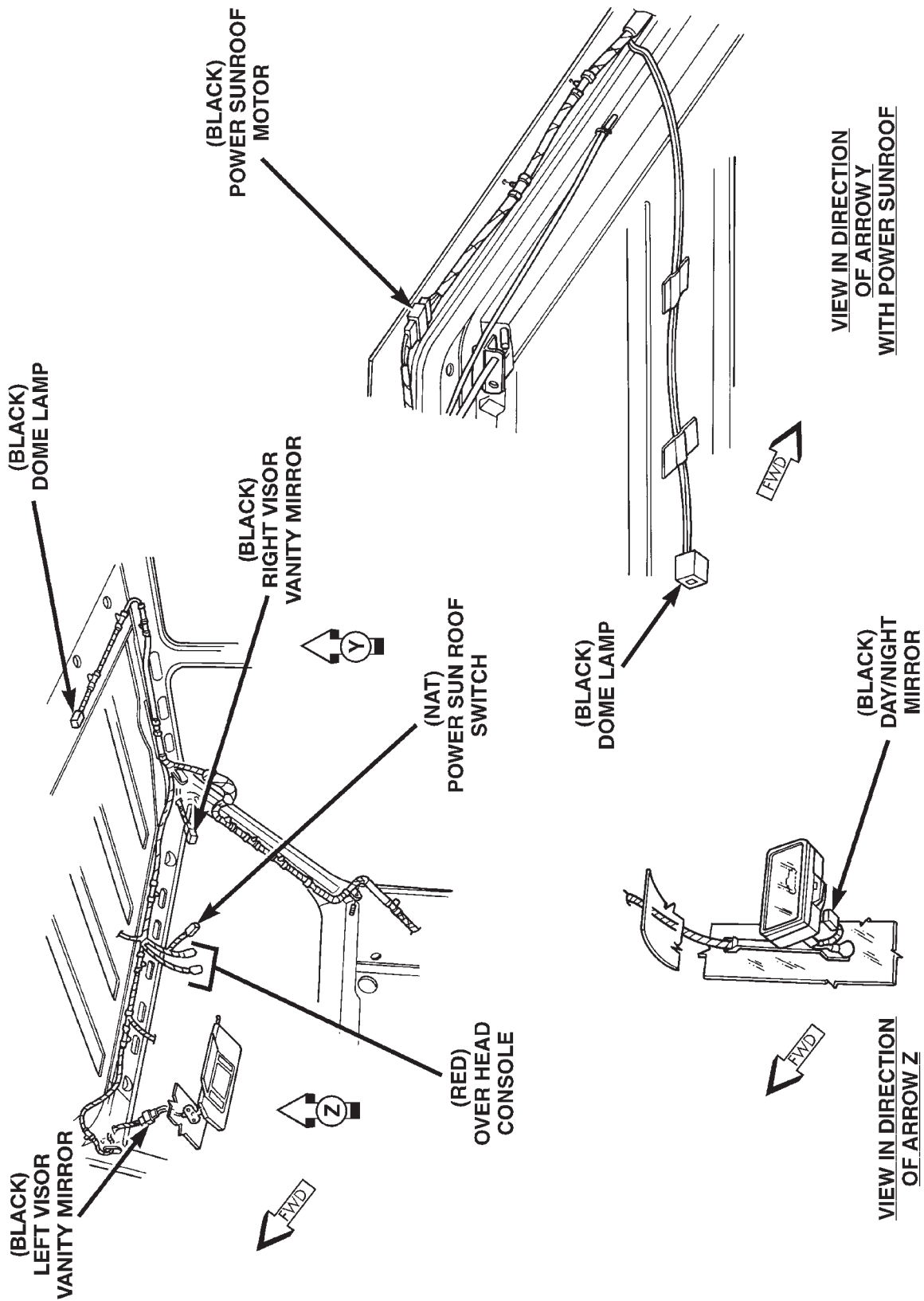


Fig. 19 Roof Connectors—LHD

DESCRIPTION AND OPERATION (Continued)

80b3c91a

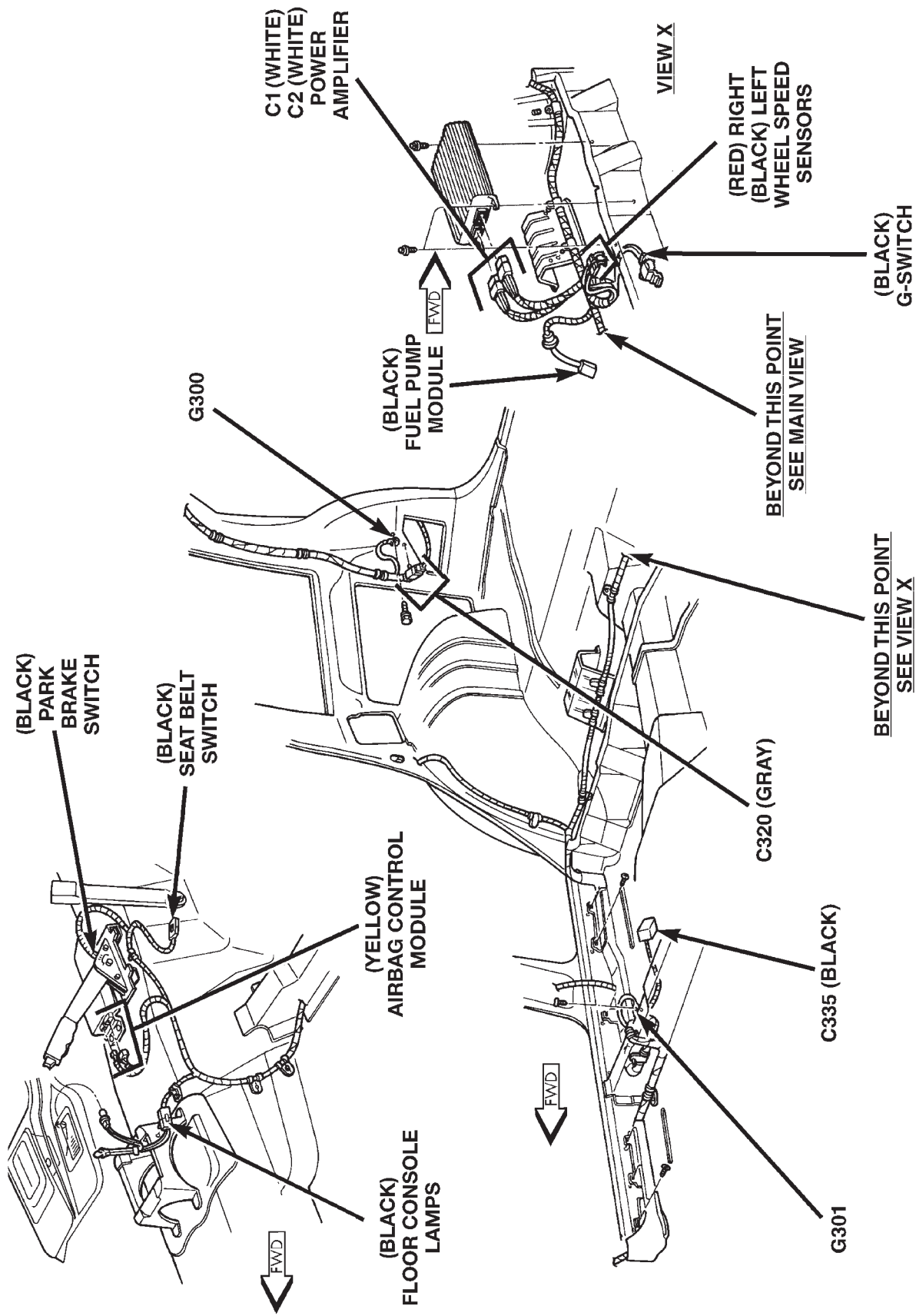
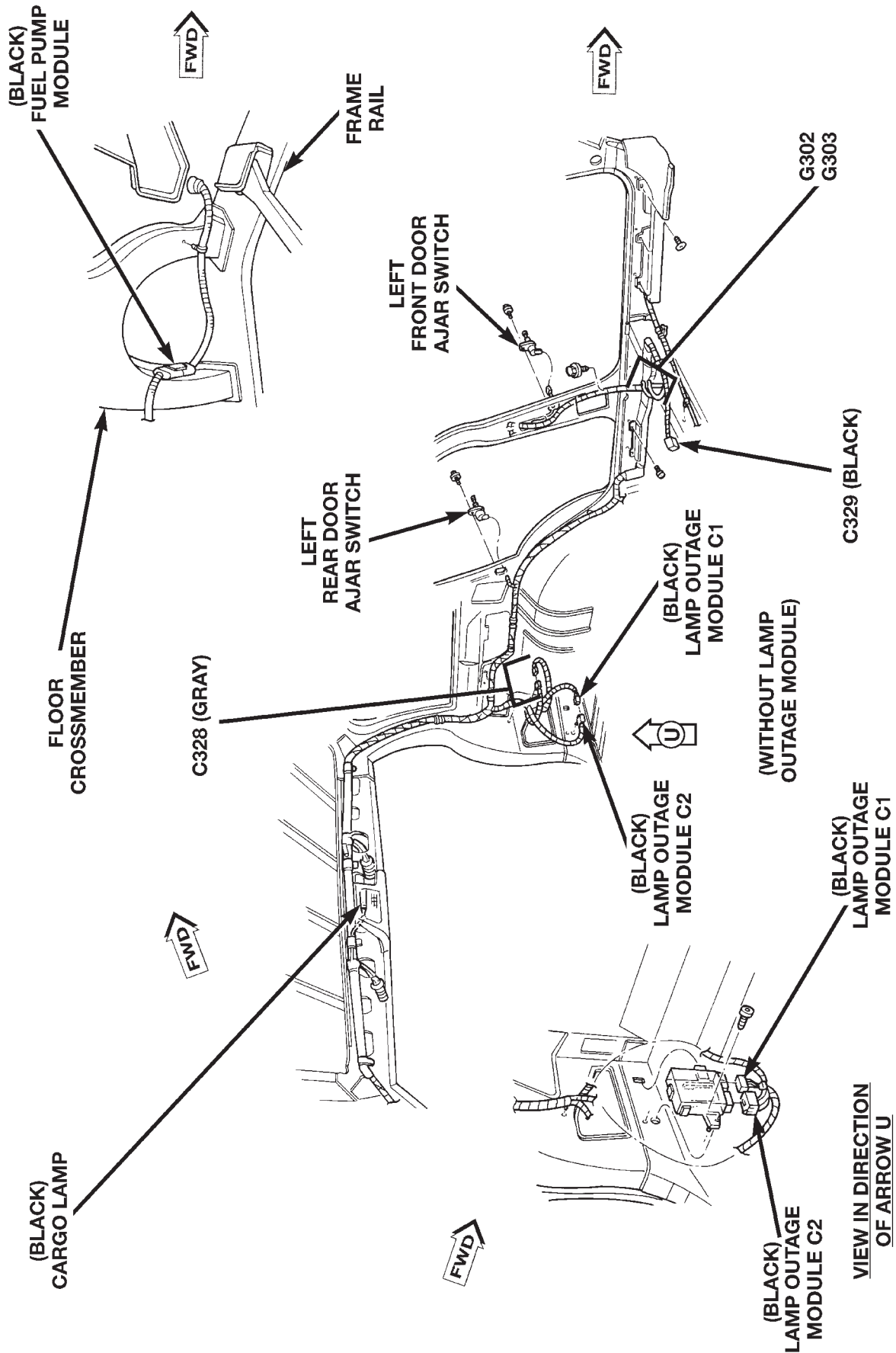


Fig. 20 Body Connectors—Right Side, LHD

DESCRIPTION AND OPERATION (Continued)



80b3c91b

Fig. 21 Body Connectors—Left Side, LHD

DESCRIPTION AND OPERATION (Continued)

80b3c91c

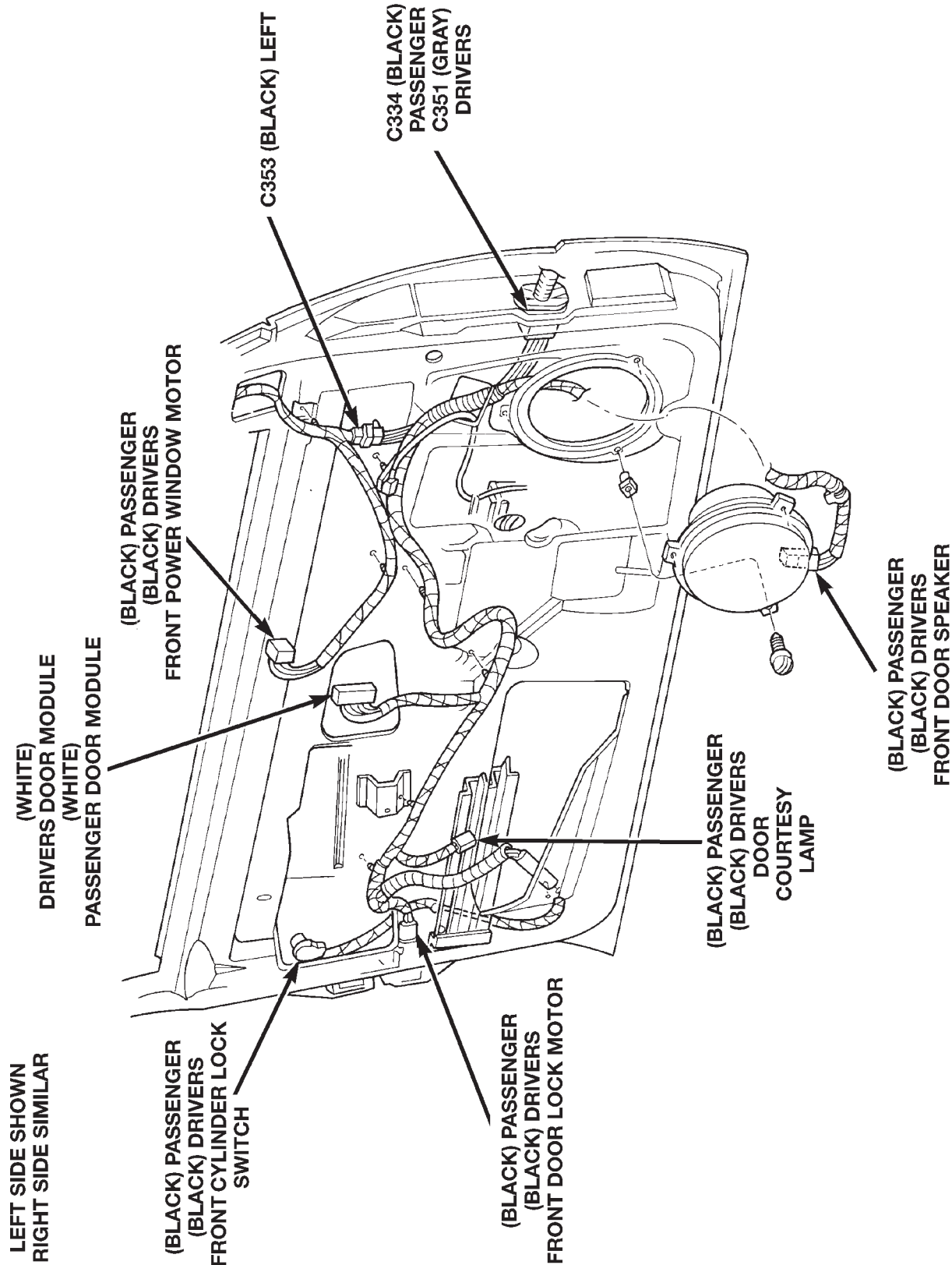
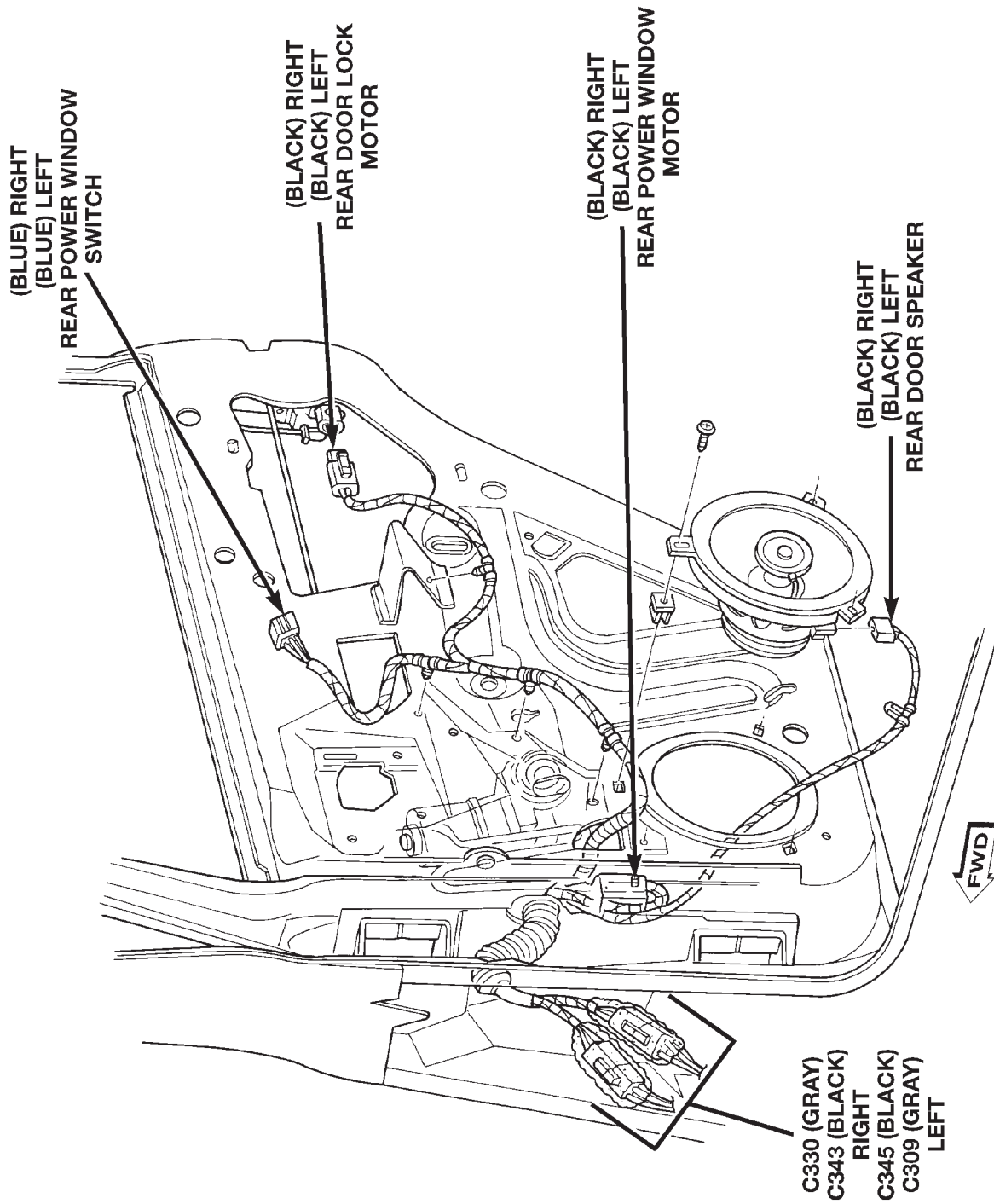


Fig. 22 Front Door Connectors—LHD

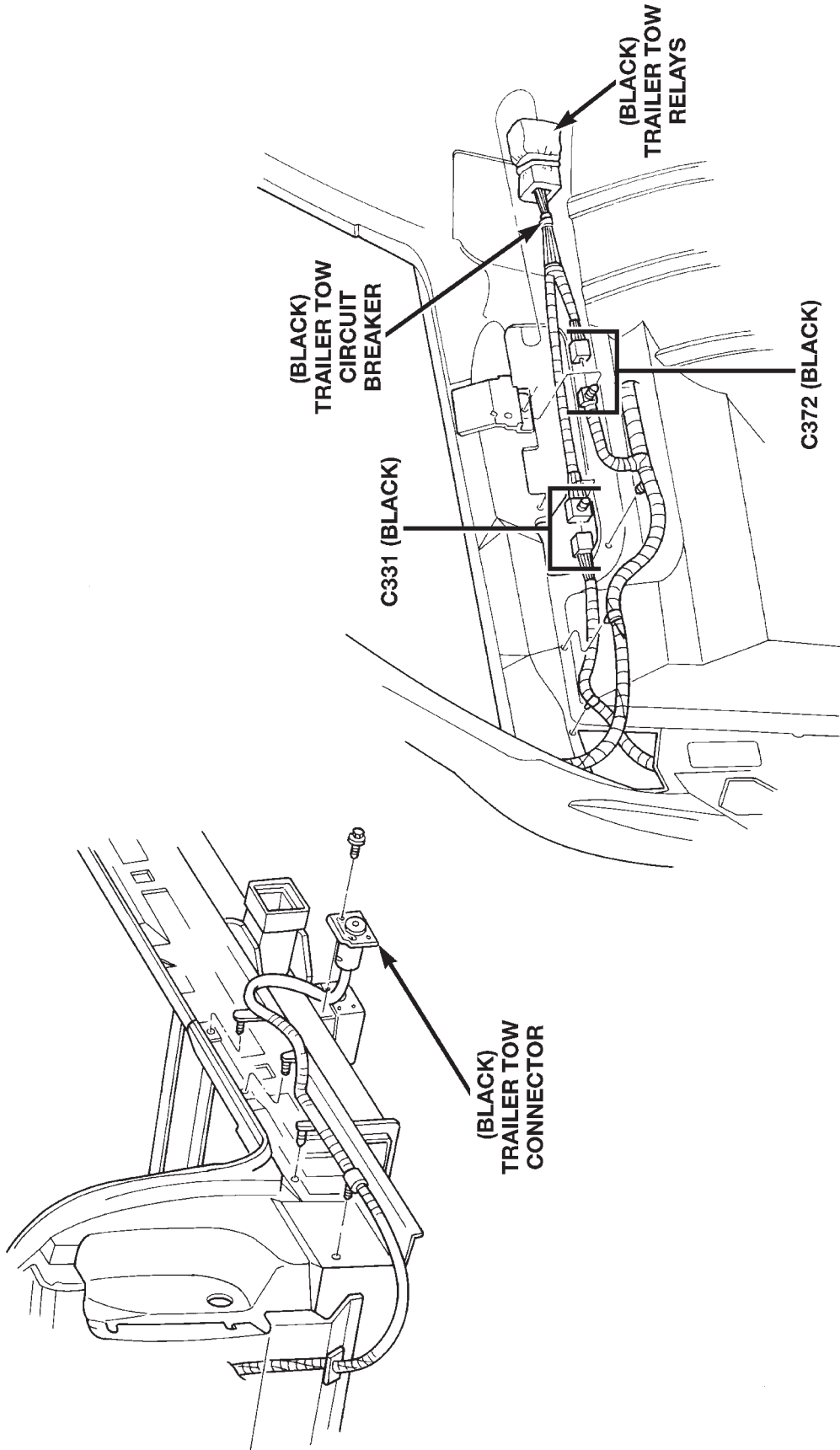
DESCRIPTION AND OPERATION (Continued)



80b3c91e

Fig. 23 Rear Door Connectors—LHD

DESCRIPTION AND OPERATION (Continued)



80b3c91f

Fig. 24 Factory Trailer Tow—LHD

DESCRIPTION AND OPERATION (Continued)

80b3c920

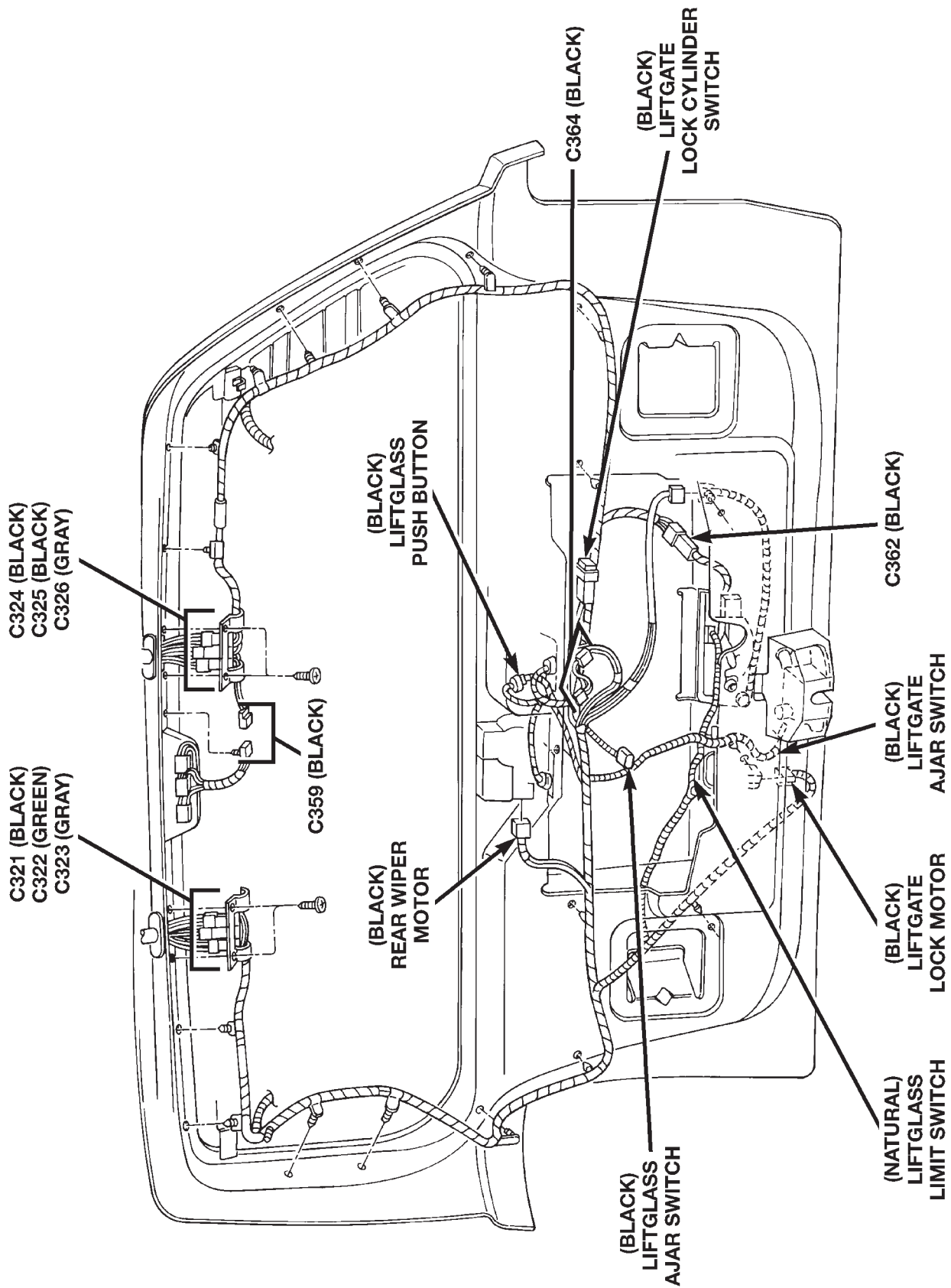
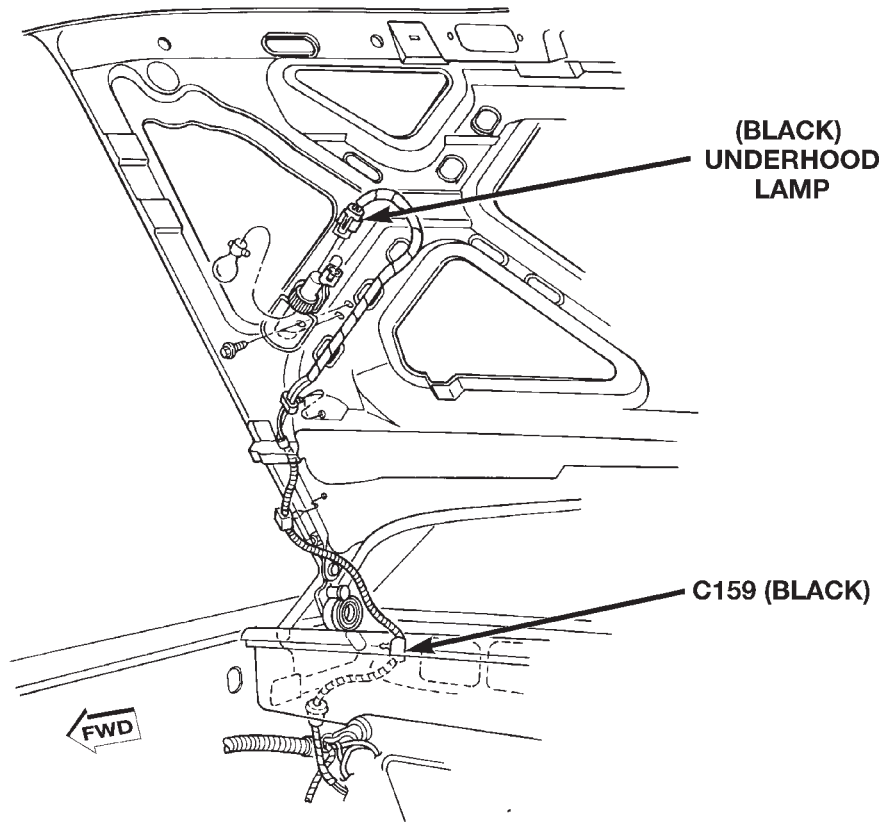


Fig. 25 Liftgate Connectors—LHD

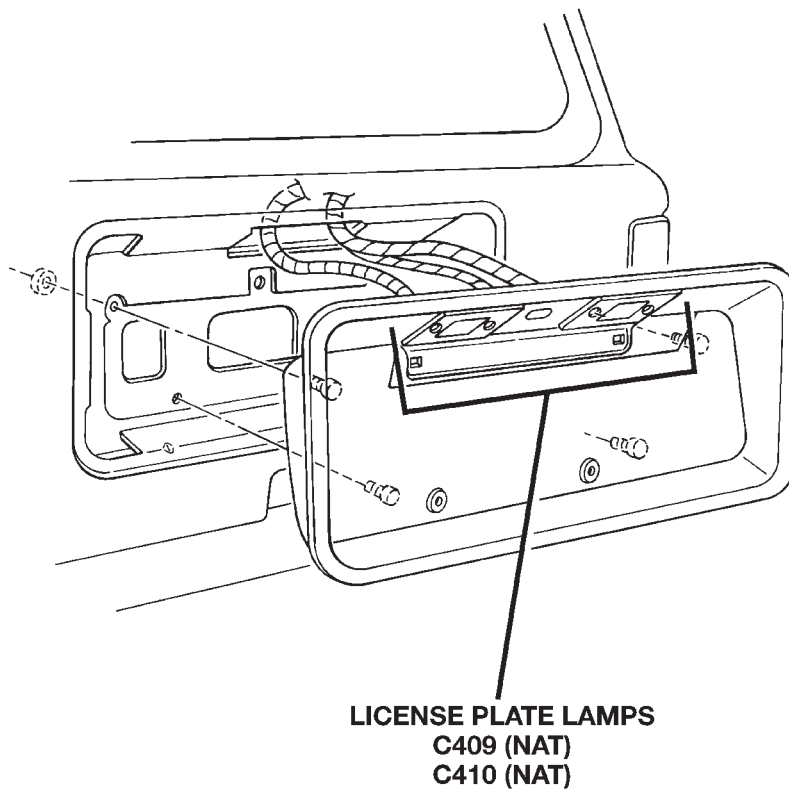


DESCRIPTION AND OPERATION (Continued)



**Fig. 26 Underhood Lamp—LHD**

80b2b70a



**Fig. 27 License Plate Lamps—LHD**

80b2b708

## DESCRIPTION AND OPERATION (Continued)

## CONNECTOR/GROUND LOCATIONS (RHD)

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 Heater Control C1	BK	Rear of Switch	N/S
A/C Heater Control C2	BK	Rear of Switch	N/S
A/C High Pressure Switch	BK	Near A/C Compressor	5
A/C Low Pressure Switch	BK	Right Rear Corner of Engine Compartment (4.0L) Near T/O for Left Fog Lamp (Diesel) Not Shown	2
After Market Trailer Tow Connector	BK	Left Rear Quarter Panel	N/S
Airbag Control Module	BK	Below Center Floor Console, Near Park Brake	15
Ambient Temperature Sensor	BK	On Radiator Center Support	1
Ash Receiver Lamp		At Lamp	11
Auto Headlamp Light Sensor/ VTSS LED	BK	Top of Instrument Panel, Left Side	11
Automatic Temperature Control Module	BK	Left Side of HVAC Housing	12
Battery Temperature Sensor	BK	Below Battery Tray	3
Blend Air Door Motor	BK	On Bottom of HVAC Unit	N/S
Blend Air Actuator	BK	On Bottom of HVAC Unit	N/S
Blower Motor	NAT	Right Side of HVAC	N/S

Connector Name/Number	Color	Location	Fig.
Blower Motor Resistor Block	BK	Right Side of HVAC	N/S
Blower Motor Switch	BK	On HVAC Unit	N/S
Blower Power Module	BK	On HVAC Unit	N/S
Body Control Module C1	BK	Lower Right of Instrument Panel	N/S
Body Control Module C2	WT	Lower Right of Instrument Panel	N/S
Body Control Module C3	BK	Lower Left of Instrument Panel	N/S
Brake Pressure Switch	BK	Near Brake Master Cylinder	3
C102	BK	Rear of Left HeadLamp	1
C131	BK	Right Rear Corner of Engine Compartment, Near PCM	2
C132	BK	Right Rear Corner of Engine Compartment, Near PCM	2
C144	BK	Near PDC	9
C150	BK	Rear of Right HeadLamp	1
C160	BK	Left Corner of Instrument Panel	N/S
C170		Front Right of Engine Compartment	N/S
C171		Front Right of Engine Compartment	N/S
C182		Near G-Switch T/O	N/S

DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
C206	BK	On Front of HVAC Unit	N/S
C212	RD	Center of Instrument Panel	N/S
C231	BK	Right End of Instrument Panel	N/S
C233	BK	Lower Left Instrument Panel, In Connector Bracket	12
C234	WT	Lower Left Instrument Panel, In Connector Bracket	12
C235	BK	Lower Left Instrument Panel, In Connector Bracket	12
C236	WT	Lower Left Instrument Panel, In Connector Bracket	12
C300	YL	Lower Instrument Panel	11
C301	NAT	Lower Instrument Panel, In Connector Bracket	11
C302	WT	Lower Instrument Panel, In Connector Bracket	11
C304	GY	Near Blower Motor T/O	N/S
C305	BK	Lower Instrument Panel, In Connector Bracket	N/S

Connector Name/Number	Color	Location	Fig.
C307	BK	Lower Instrument Panel	11
C309	GY	In Left Rear Door	18
C316	BK	Left Rear Quarter	16
C320	GY	Right Rear Quarter Panel, Near Bottom of Liftgate Opening	15
C321	BK	In Liftgate	20
C322	GN	In Liftgate	20
C323	GY	In Liftgate	20
C324	BK	In Liftgate	20
C325	BK	In Liftgate	20
C326	GY	In Liftgate	20
C328	GY	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	16
C329	BK	Below Left Rear Seat	15
C330	GY	In Right Rear Door	18
C334	BK	In Right Front Door	17
C335	BK	Under Left Rear Passenger Seat	16
C343	BK	In Left Rear Door	18
C345	BK	In Right Rear Door	18
C351	GY	In Left Front Door	17
C353	BK	In Right Front Door	17
C359	BK	In Liftgate	20
C362	BK	In Liftgate	20
C364	BK	In Liftgate	20
C372	BK	Left Rear Quarter Panel	19
Camshaft Position Sensor	BK	Near Distributor	5, 9

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Cargo Lamp	BK	Rear of Cargo Lamp	16
Center High Mounted Stop Lamp Bulb No. 1	BK	At Lamp	N/S
Center High Mounted Stop Lamp Bulb No. 2	BK	At Lamp	N/S
Center High Mounted Stop Lamp Bulb No. 3	BK	At Lamp	N/S
Cigar Lighter	BK	Rear of Cigar Lighter	11
Cigar Lighter Lamp		At Lamp	11
Clockspring C1		At Clockspring Column Side	N/S
Clockspring C2		At Clockspring Column Side	N/S
Clutch Interlock Switch		Left Side of Steering Column	11
Controller Anti-Lock Brake C1	BK	At Anti-Lock Brake Controller	N/S
Crankshaft Position Sensor	BK	Right Rear of Engine 4.0L Engine Rear of Engine 5.2L Engine	5, 9
Data Link Connector	BK	Lower Right Instrument Panel	N/S
Daytime Running Lamp Module	BK	Right Fender Side Shield, Below PDC	N/S
Dome/Reading Lamp	NAT	Behind Dome Lamp	14
Downstream Heated Oxygen Sensor	BK	Above Rear of Catalytic Converter	7, 10
Driver Door Module C1	WT	In Right Front Door	17
Driver Door Module C2	BK	In Driver's Door	N/S

Connector Name/Number	Color	Location	Fig.
Driver Door Module C3	BK	In Driver's Door	N/S
Driver Heated Seat Back	BK	Under Driver's Seat	N/S
Driver Heated Seat Cushion	BK	Under Driver's Seat	N/S
Driver Lumbar Motor	BK	Under Driver's Seat	N/S
Driver Power Seat Front Riser Motor	RD	Under Driver's Seat	N/S
Driver Power Seat Front Riser Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Horizontal Motor	BK	Under Driver's Seat	N/S
Driver Power Seat Horizontal Motor Sensor	BK	Under Driver's Seat	N/S
Driver Lumbar Sensor/Motor	BK	Under Driver's Seat	N/S
Driver Power Seat Lumbar Switch	BK	Under Driver's Seat	N/S
Driver Power Seat Rear Riser Motor	RD	Under Driver's Seat	N/S
Driver Power Seat Rear Riser Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Recliner Motor	BK	Under Driver's Seat	N/S
Driver Power Seat Recliner Motor Sensor	BK	Under Driver's Seat	N/S
Driver Power Seat Switch	GN	Under Driver's Seat	N/S
Driver Seat Heater Control Module	BK	Under Driver's Seat	N/S
Driver Side Airbag	YL	Lower Instrument Panel	N/S
Duty Cycle EVAP/Purge Solenoid	BK	Front of Left Fender Side Shield	4

DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Engine Coolant Level Sensor	BK	Top of Reserve Tank	3
Engine Coolant Temperature Sensor	BK	On Thermostat Housing Rear of Generator	5, 8
Engine Starter Motor	BK	At Starter Motor	6,8
Factory Trailer Tow Connector	BK	On Trailer Hitch	22
Floor Console Lamps	BK	Left Side of Center Floor Console	15
Four-Wheel Drive Switch	BK	Left Front of Transfer Case	7, 10
Fuel Heater	BK	At Fuel Heater/Filter	8
Fuel Injector #1	GY	At Injector	5
Fuel Injector #2	GY	At Injector	5
Fuel Injector #3	GY	At Injector	5
Fuel Injector #4	GY	At Injector	5
Fuel Injector #5	GY	At Injector	5
Fuel Injector #6	GY	At Injector	5
Fuel Pump Module	BK	Near Fuel Tank	15, 16
G100		Right Fender Side Shield	2
G101		Right Side of Engine Block 4.0L Engine	6
G104		Right Side of Engine Block 4.0L Engine	N/S
G104		Below A/C Compressor Diesel Engine	8
G105		Right Rear of Engine 4.0L Engine	5, 9
G106		Right Fender Side Shield	2,3
G107		Right Fender Side Shield	2,3
G108		Front of Left Fender Side Shield	4

Connector Name/Number	Color	Location	Fig.
G109		Front of Left Fender Side Shield	4
G110		Near Headlamp Leveling Motor	N/S
G300		Right Rear Quarter Panel	15
G301		Rear of Driver's Seat	15
G302		On Floor Pan Rear of Seat	16
G303		On Floor Pan Rear of Seat	16
G-Switch	BK	Below Right Rear Seat	15
Generator	BK	At Generator	6
Glove Box Lamp	BK	At Glove Box Lamp	12
Glow Plug Relay	BK	At PDC (Diesel Engine)	N/S
Graphic Display Module/Vehicle Information Center	BK	Rear of Vehicle Information Center (VIC)	12
Headlamp Leveling Switch	BK	At Switch	12
Headlamp Switch	BK	Rear of Headlamp Switch	11
High Speed Blower Motor Relay	BK	Right Side of HVAC	N/S
Horn No. 1	BK	At Horn, Lower Right Front of Vehicle	1
Horn No. 2	BK	At Horn, Lower Right Front of Vehicle	1
Idle Air Control Motor	BK	On Throttle Body	5
Ignition Coil	BK	Right Front of Engine	5
Ignition Switch	BK	On Steering Column	13
In-Car Temperature Sensor	BK	Center, Top of Instrument Panel	15

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Instrument Cluster	BK	Rear of Instrument Cluster	11
Intake Air Temperature Sensor	GY	On Intake Manifold	5
Junction Block - C1	RD	Behind Left Kick Panel	N/S
Junction Block - C2	BK	Behind Left Kick Panel	N/S
Junction Block - C3	BL	Behind Left Kick Panel	N/S
Junction Block - C4	TN	Behind Left Kick Panel	N/S
Junction Block - C5	RD	Behind Left Kick Panel	N/S
Junction Block - C6	BK	Behind Left Kick Panel	N/S
Junction Block - C7	BL	Behind Left Kick Panel	N/S
Junction Block - C8	YL	Behind Left Kick Panel	N/S
Junction Block - C9	BK	Behind Left Kick Panel	N/S
Junction Block - C10	LT GN	Behind Left Kick Panel	N/S
Junction Block Body Connector - C13	TN	Behind Left Kick Panel	N/S
Junction Block Body Connector - C14	BK	Behind Left Kick Panel	N/S
Key-In Switch/Halo Lamp	GY	On Steering Column, Near Ignition Switch	13
Lamp Outage Module C1	BK	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	16
Lamp Outage Module C2	BK	Left Rear Quarter Panel, Near Bottom of Liftgate Opening	16
Left Back-Up Lamp	BK	At Lamp	N/S

Connector Name/Number	Color	Location	Fig.
Left Courtesy Lamp	BK	At Lamp	11
Left Door Courtesy Lamp	BK	In Left Front Door	17
Left Fog Lamp	BK	Left Fog Lamp	N/S
Left Front Cylinder Lock Switch	BK	In Left Front Door	17
Left Front Door Ajar Switch		At Left B-Pillar	16
Left Front Door Lock Motor	BK	In Left Front Door	17
Left Front Door Speaker	BK	In Left Front Door	17
Left Front Park Lamp	WT	At Lamp	N/S
Left Front Power Window Motor	BK	In Left Front Door	17
Left Front Side Marker Lamp	GY	At Lamp	N/S
Left Front Turn Signal Lamp	BK	At Lamp	N/S
Left Front Wheel Speed Sensor	BK	Left Rear Corner of Engine Compartment	N/S
Left Headlamp	BK	Rear of Headlamp	1
Left Headlamp Leveling Motor	BK	At Headlamp	1
Left Instrument Panel Speaker	BK	Rear of Left Instrument Panel Speaker	11
Left License Lamp	NAT	In Liftgate Behind License Plate Lamps	22
Left Rear Door Ajar Switch		Rear of Left Door	16
Left Rear Door Lock Motor	BK	In Left Rear Door	18
Left Rear Door Speaker	BK	In Left Rear Door	18
Left Rear Power Window Motor	BK	In Left Rear Door	18
Left Rear Power Window switch	BL	In Left Rear Door	18

DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Left Rear Side Marker Lamp	NAT	At Lamp	N/S
Left Rear Turn Signal Lamp	BK	At Lamp	N/S
Left Rear Wheel Speed Sensor	BK	Below Left Rear Passenger Seat	15
Left Side Repeater Lamp	BK	At Lamp	N/S
Left Tail/Stop Lamp	BK	At Lamp	N/S
Left Visor/Vanity Mirror	BK	Top of Left A-Pillar	14
Liftgate Ajar Switch	BK	In Liftgate	20
Liftgate Cylinder Lock Switch	BK	In Liftgate	20
Liftgate Lock Motor	BK	In Liftgate	20
Liftglass Ajar Switch	BK	In Liftgate	20
Liftglass Limit Switch	NAT	In Liftgate	20
Liftglass Push Button	BK	In Liftgate	20
Liftglass Release Solenoid	BK	In Liftgate	20
Low Washer Fluid Level Sensor	BK	At Washer Reservoir	4
Manifold Absolute Pressure Sensor	BK	On Throttle Body	5
Memory Seat Module Connector C1	BK	At Driver's Seat	N/S
Memory Seat Module Connector C2	BK	At Driver's Seat	N/S
Mini Overhead Console	GY	Under Front Seat	N/S
Mode Door Motor	BK	Left Side of HVAC	N/S
Multi-Function Switch	BK	On Steering Column	13

Connector Name/Number	Color	Location	Fig.
Oil Pressure Sensor	BK	Near Distributor	5, 9
Output Shaft Speed Sensor	BK	Left Side of Transmission	7, 10
Overhead Console	RD	Center of Headliner, Above Rear View Mirror	14
Overhead Console Junction Block	BK	Behind Kick Panel, At Junction Block	N/S
Park Brake Switch		At Park Brake	15
Park/Neutral Position Switch	BK	Left Side of Transmission	7, 10
Passenger Airbag	YL	Behind Passenger Airbag	11
Passenger Door Module	WT	In Left Front Door	17
Passenger Heated Seat Back	GN	Under Passenger's Seat	N/S
Passenger Heated Seat Cushion	BK	Under Passenger's Seat	N/S
Passenger Lumbar Motor	BK	Under Passenger's Seat	N/S
Passenger Lumbar Switch	WT	Under Passenger's Seat	N/S
Passenger Power Seat Front Riser Motor	RD	Under Passenger's Seat	N/S
Passenger Power Seat Horizontal Motor	BK	Under Passenger's Seat	N/S
Passenger Power Seat Rear Riser Motor	RD	Under Passenger's Seat	N/S
Passenger Power Seat Recliner Motor	BK	Under Passenger's Front Seat	N/S
Passenger Power Seat Switch	BK	Under Passenger's Front Seat	N/S

## DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Passenger Seat Heater Control Module	GY	Under Passenger's Seat	N/S
Pedal Position Sensor		Lower Right of Instrument Panel	N/S
Power Amplifier C1	WT	Below Right Rear Passenger Seat	15
Power Amplifier C2	WT	Below Right Rear Passenger Seat	15
Power Antenna Motor	BK	At Antenna	N/S
Power Distribution Center		Right of Engine Compartment	2
Power Outlet	BK	Rear of Power Outlet	11
Powertrain Control Module C1	BK	Right Rear Corner of Engine Compartment At PCM	3
Powertrain Control Module C2	WT	Right Rear Corner of Engine Compartment At PCM	3
Powertrain Control Module C3	GY	Right Rear Corner of Engine Compartment At PCM	3
Radio C1	GY	Rear of Radio	11
Radio C2	BK	Rear of Radio	11
Rear Washer Pump Motor	BK	Bottom of Windshield Washer Fluid Reservoir	4
Rear Wiper Motor	BK	In Liftgate	20
Rear Wiper/Washer Switch	BK	Behind Rear Wiper Switch	11
Recirculation Door Motor	YL	Top of HVAC	N/S
Right Back-Up Lamp	BK	At Lamp	N/S

Connector Name/Number	Color	Location	Fig.
Right Courtesy Lamp	BK	Right Courtesy Lamp	12
Right Door Courtesy Lamp	BK	In Right Front Door	17
Right Fog Lamp	BK	Rear of Fog Lamp	1
Right Front Cylinder Lock Switch	BK	In Right Front Door	N/S
Right Front Door Ajar Switch		At Right B-Pillar	N/S
Right Front Door Lock Motor	BK	In Right Front Door	17
Right Front Door Speaker	BK	In Right Front Door	17
Right Front Park Lamp	WT	At Lamp	N/S
Right Front Power Window Motor	BK	In Right Front Door	17
Right Front Side Marker Lamp	GY	At Lamp	N/S
Right Front Turn Signal Lamp	BK	At Lamp	N/S
Right Front Wheel Speed Sensor	BK	Right Rear Corner of Engine Compartment	2
Right Headlamp	BK	Rear of HeadLamp	1
Right Headlamp Leveling Motor	BK	At Headlamp	1,2
Right Instrument Panel Speaker	BK	Top Right of Instrument Panel	11
Right License Lamp	NAT	In Liftgate, Behind License Plate Lamps	22
Right Rear Door Ajar Switch		Rear of Door	N/S
Right Rear Door Lock Motor	BK	In Right Rear Door	18
Right Rear Door Speaker	BK	In Right Rear Door	18



DESCRIPTION AND OPERATION (Continued)

Connector Name/Number	Color	Location	Fig.
Right Rear Power Window Motor	BK	In Right Rear Door	18
Right Rear Power Window Switch	BL	In Right Rear Door	18
Right Rear Side Marker Lamp	NAT	At Lamp	N/S
Right Rear Turn Signal Lamp	BK	At Lamp	N/S
Right Rear Wheel Speed Sensor	RD	Below Right Rear Passenger Seat	15
Right Side Repeater Lamp	BK	At Lamp	N/S
Right Tail/Stop Lamp	BK	At Lamp	N/S
Right Visor/Vanity Mirror	BK	Top of Right A-Pillar	14
Seat Belt Switch	BK	Near Bottom of Driver's Seat Belt Clasp	N/S
Shift Interlock	BK	Steering Column, On Shift Cable	12
Solar Sensor	RD	Above Glove Box	11
Stop Lamp Switch	GY	Top of Brake Pedal Arm	12
Sunroof Control Module	BK	Rear of Sunroof	N/S
Sunroof Motor	BK	Rear of Sun Roof	N/S
Sunroof Switch	NAT	Center of Headliner, Above Rear View Mirror	14
Switch Pod	BK	Rear of Overdrive Switch	12

Connector Name/Number	Color	Location	Fig.
Throttle Position Sensor	BK	On Throttle Body	5
Trailer Tow Circuit Breaker	BK	Right Rear Quarter Panel	19
Trailer Tow Left Turn Relay	BK	Right Rear Quarter Panel	19
Trailer Tow Right Turn Relay	BK	Right Rear Quarter Panel	19
Trailer Tow Stop Lamp Relay	BK	Right Rear Quarter Panel	19
Transmission Solenoid Assembly	BK	Left Side of Transmission	7, 10
Underhood Lamp	BK	On Underside of Hood	21
Upstream Heated Oxygen Sensor	GY	Right Front of Transmission	5
Vehicle Speed Control Servo	BK	At Servo	N/S
Vehicle Speed Control/Horn Switch	NAT	On Steering Column	13
Vehicle Speed Sensor	BK	Rear of Transfer Case	7, 10
Windshield Washer Fluid Level Sensor		Top of Reservoir	4
Windshield Washer Pump Motor	BK	Bottom of Windshield Washer Fluid Reservoir	4
Windshield Wiper Motor	BK	Center of Cowl	4

DESCRIPTION AND OPERATION (Continued)

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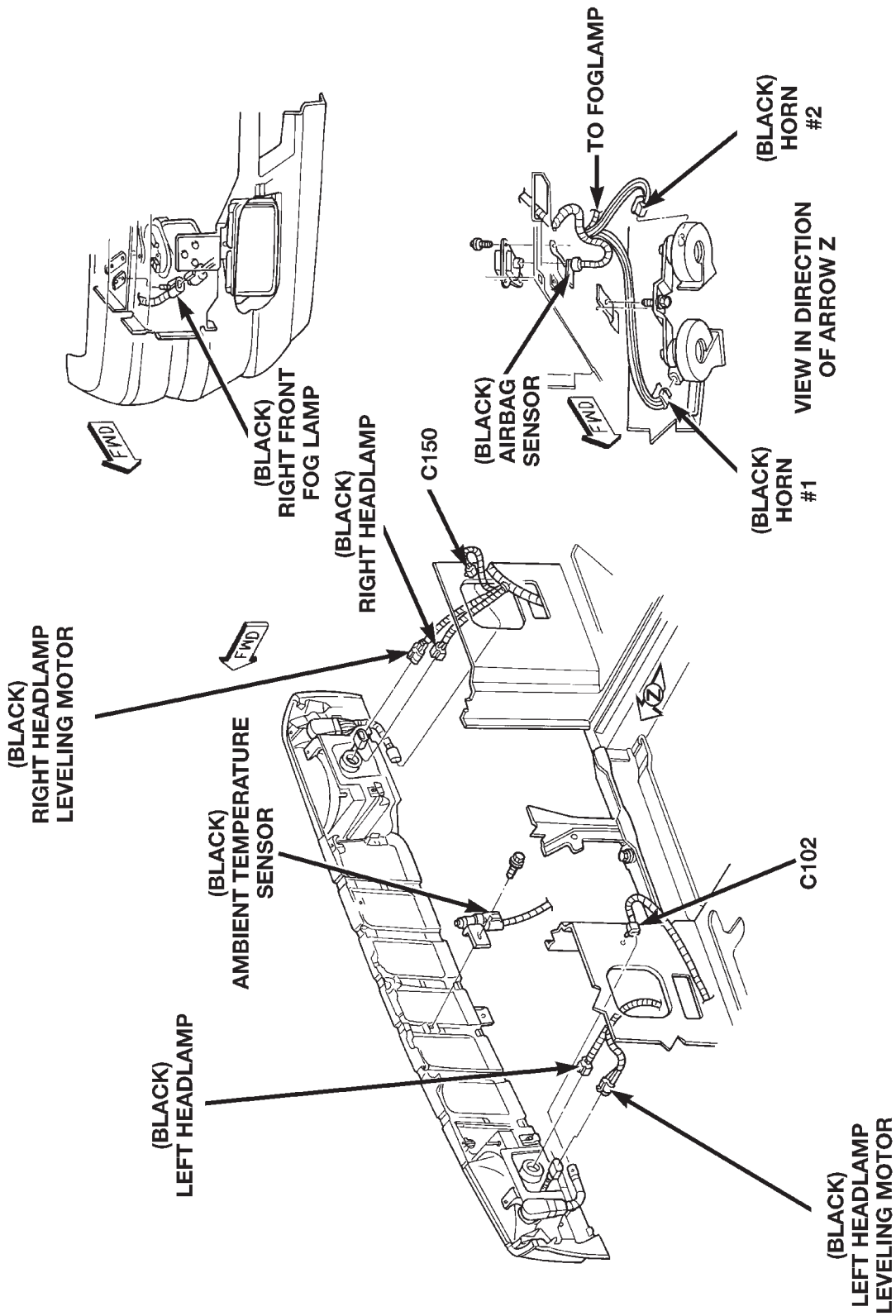


Fig. 1 Front End Lighting—RHD

DESCRIPTION AND OPERATION (Continued)

80b3c921

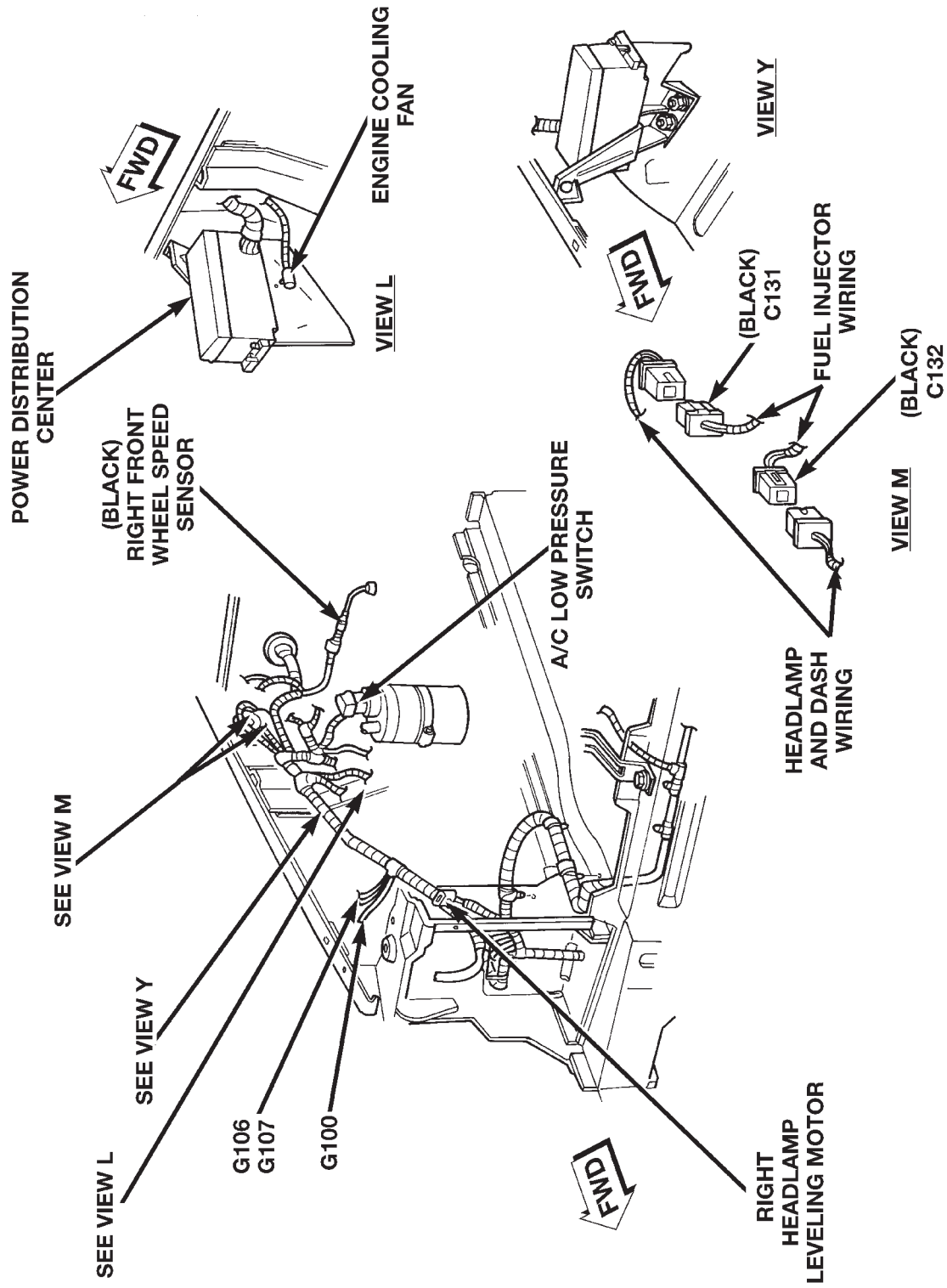


Fig. 2 Engine Compartment—Right Side, RHD

DESCRIPTION AND OPERATION (Continued)

80b3c922

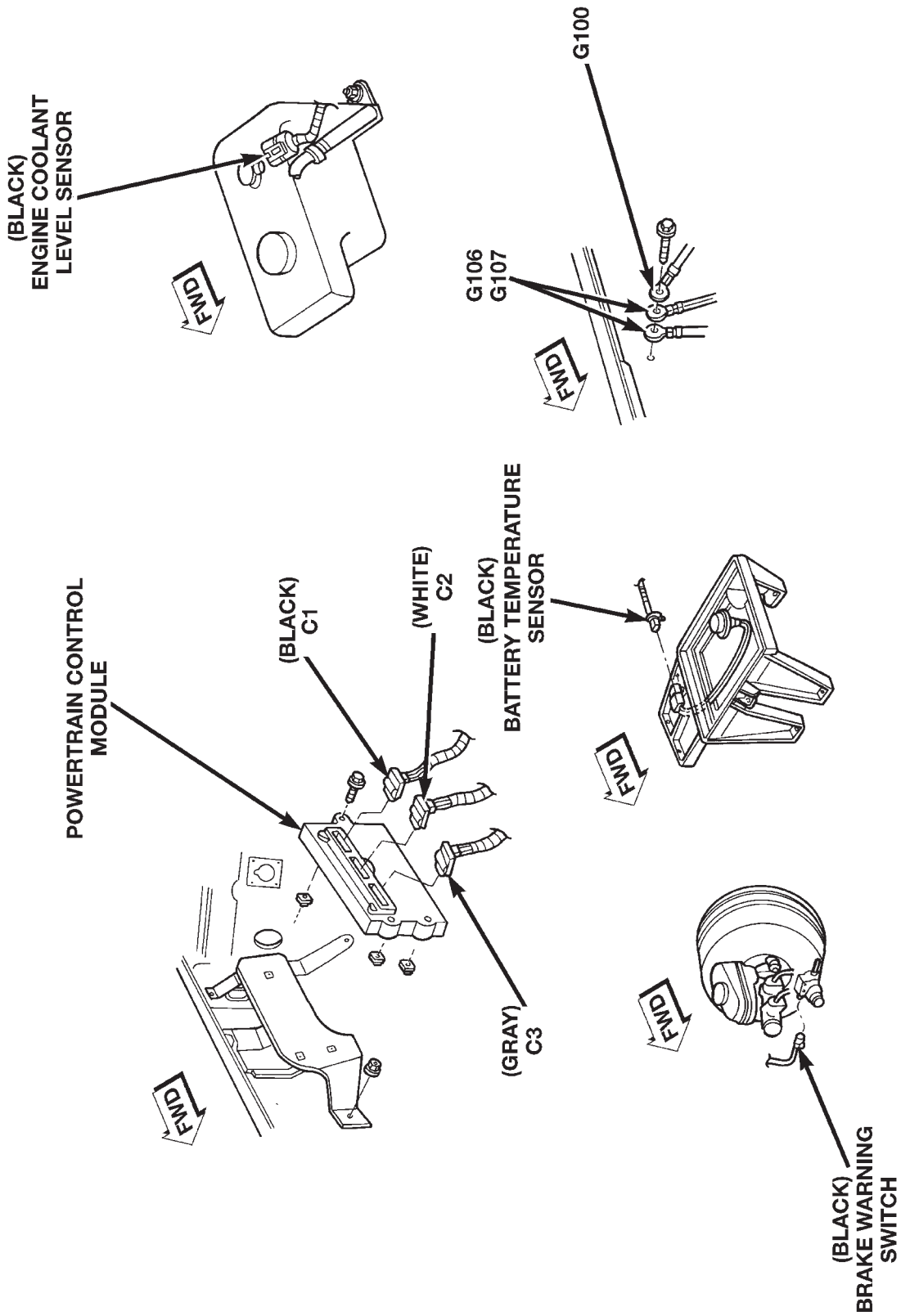


Fig. 3 Engine Compartment—RHd

DESCRIPTION AND OPERATION (Continued)

80b3c923

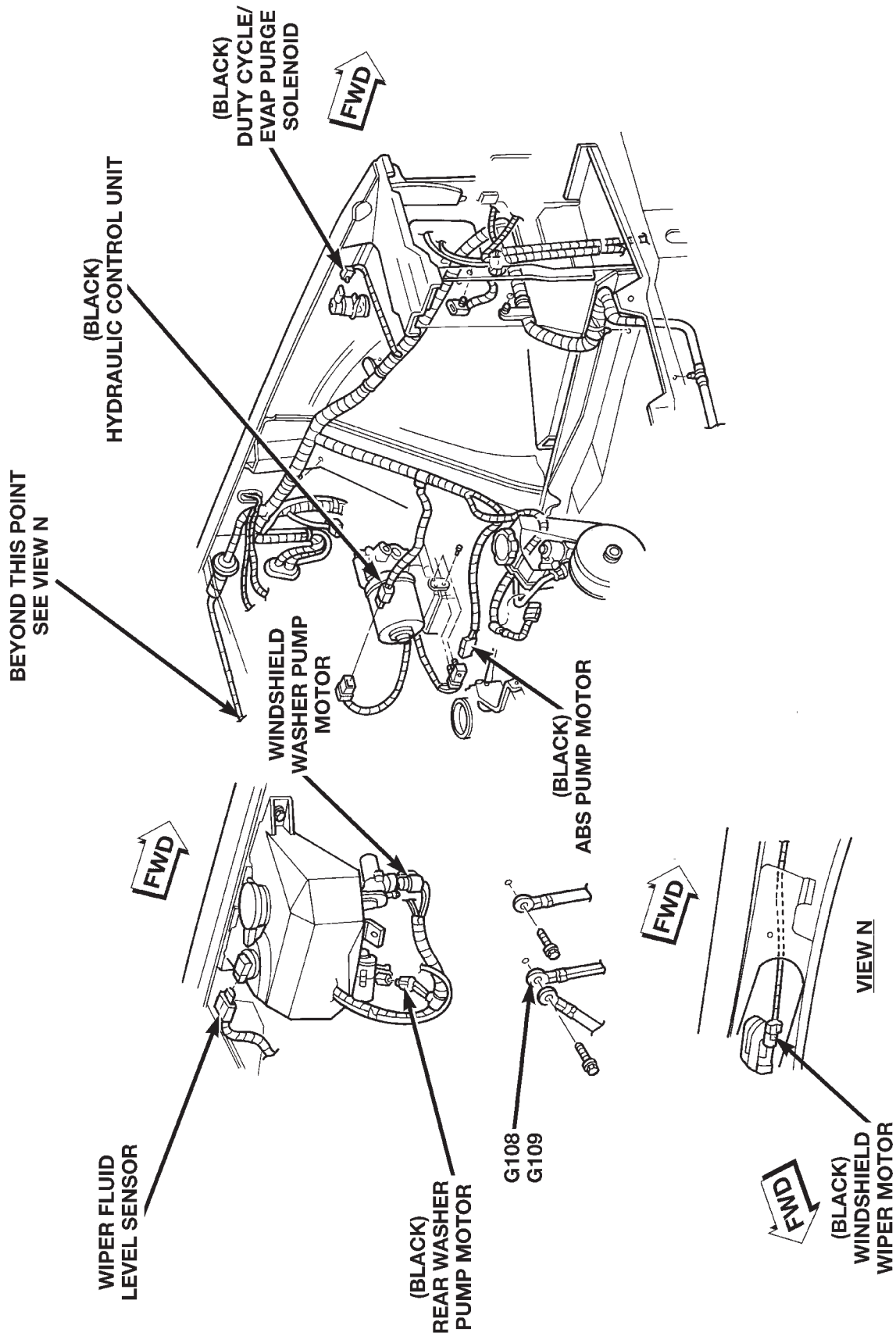


Fig. 4 Engine Compartment—Left Side, RHD

DESCRIPTION AND OPERATION (Continued)

8063c924

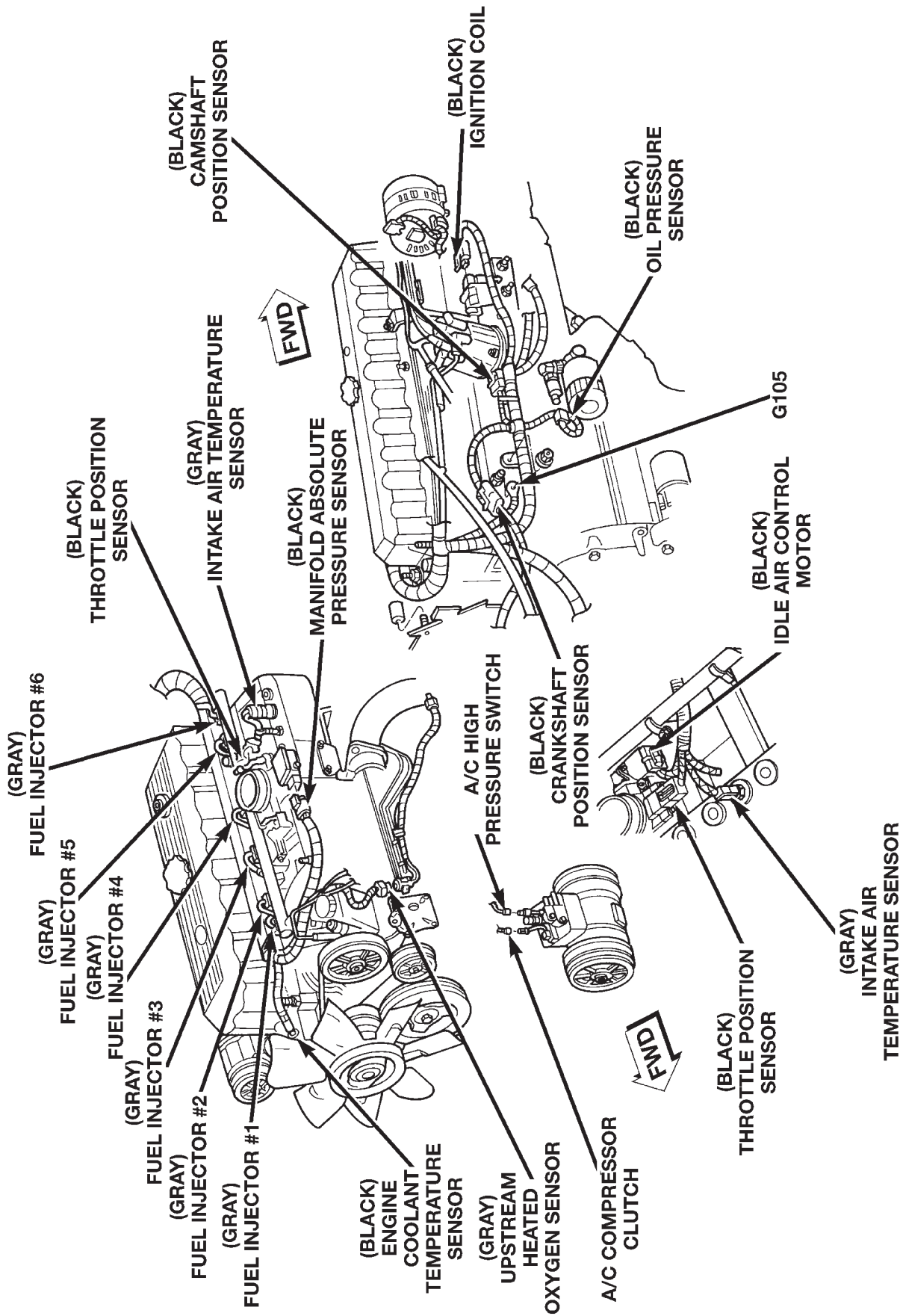


Fig. 5 Engine Connectors—4.0L Engine, RHD

DESCRIPTION AND OPERATION (Continued)

80b3c925

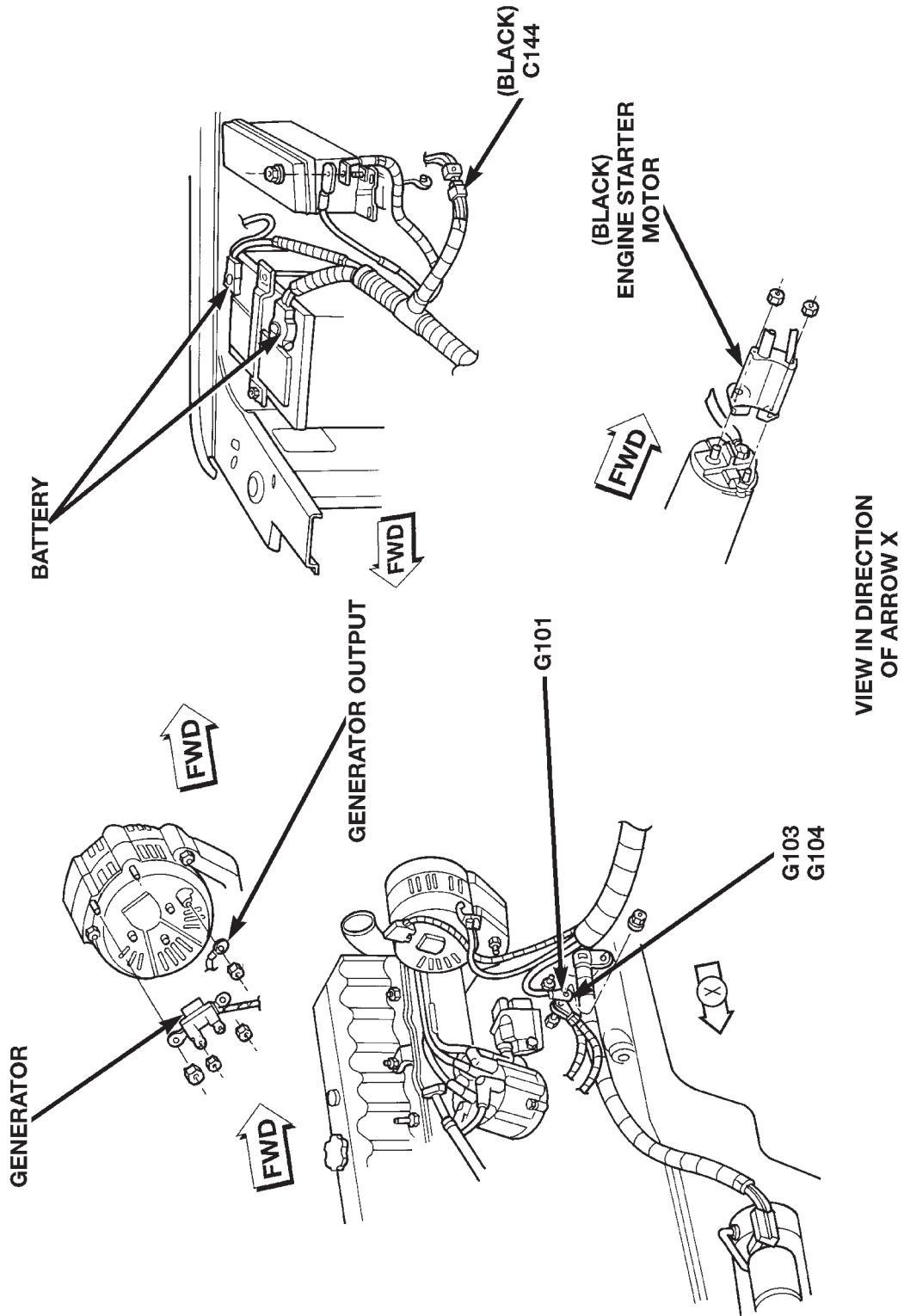


Fig. 6 Charging System Connectors—4.0L Engine, RHD

DESCRIPTION AND OPERATION (Continued)

80a8376c

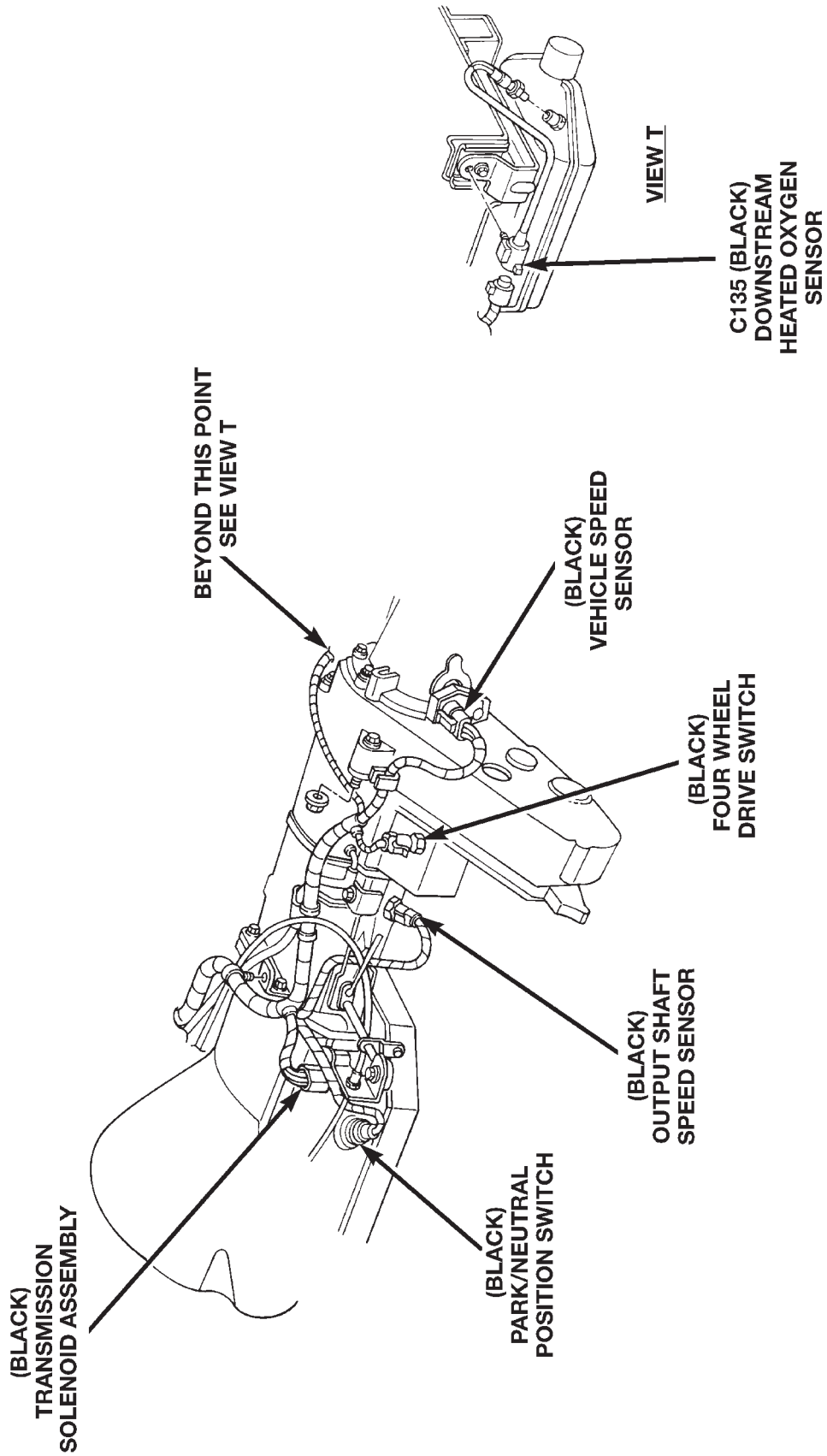


Fig. 7 Transmission Connectors—4.0L Engine, RHD



DESCRIPTION AND OPERATION (Continued)

80b3c912

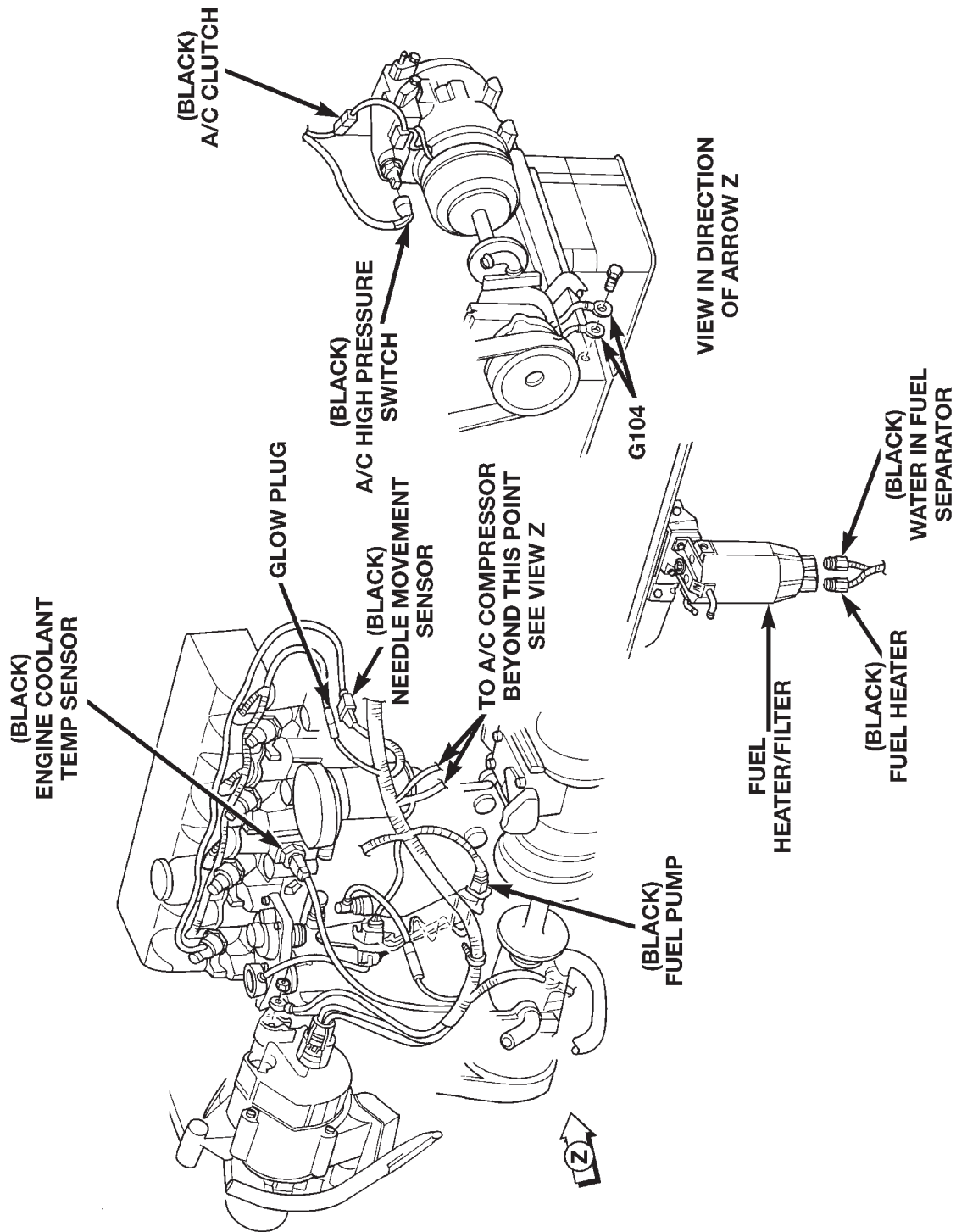


Fig. 8 Engine Connectors—Diesel Engine, RHD

DESCRIPTION AND OPERATION (Continued)

8053c913

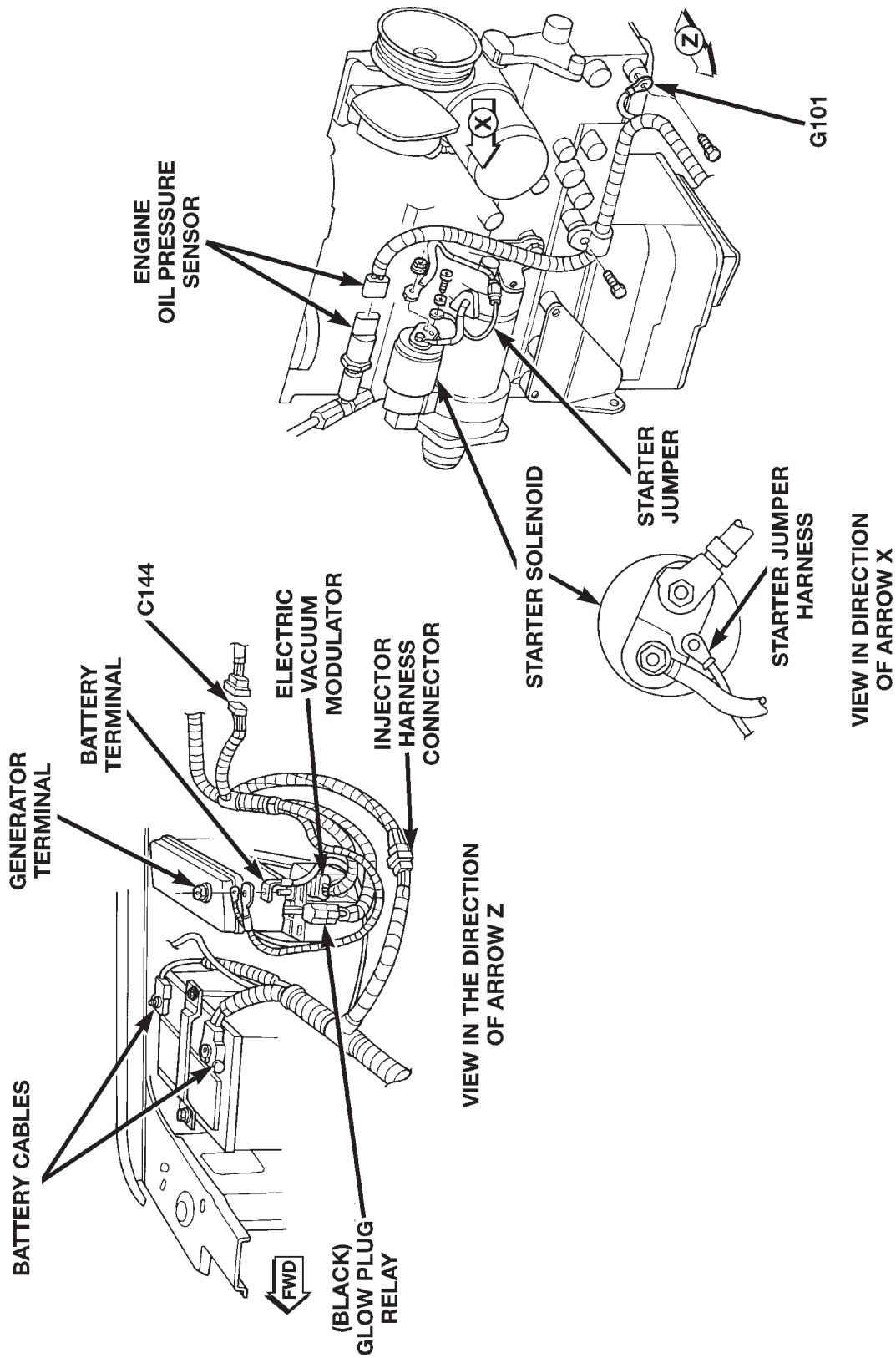


Fig. 9 Battery and Starter Motor—Diesel Engine, RHD

DESCRIPTION AND OPERATION (Continued)

8053c914

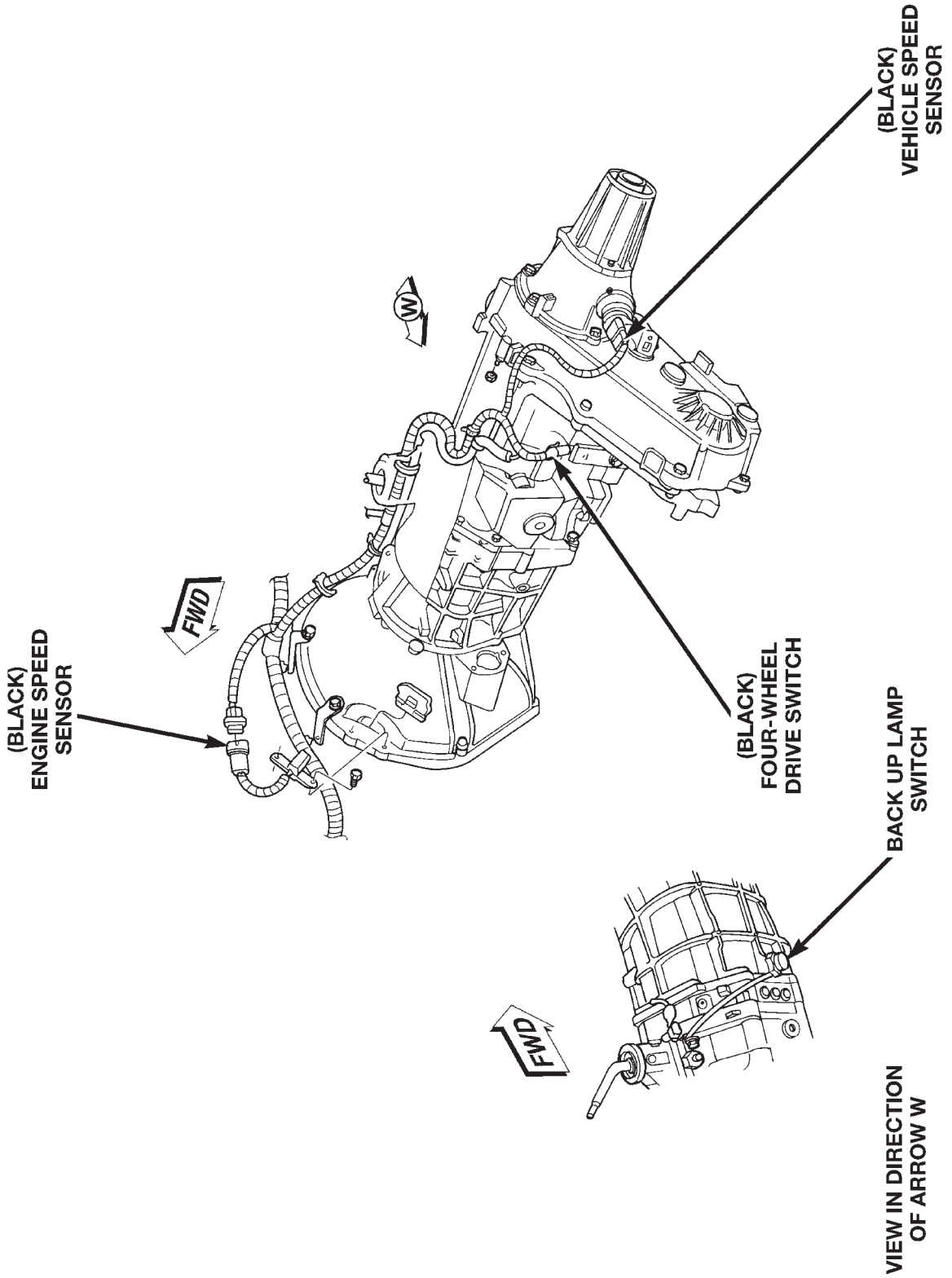


Fig. 10 Transmission Connectors—Diesel Engine, RHD

DESCRIPTION AND OPERATION (Continued)

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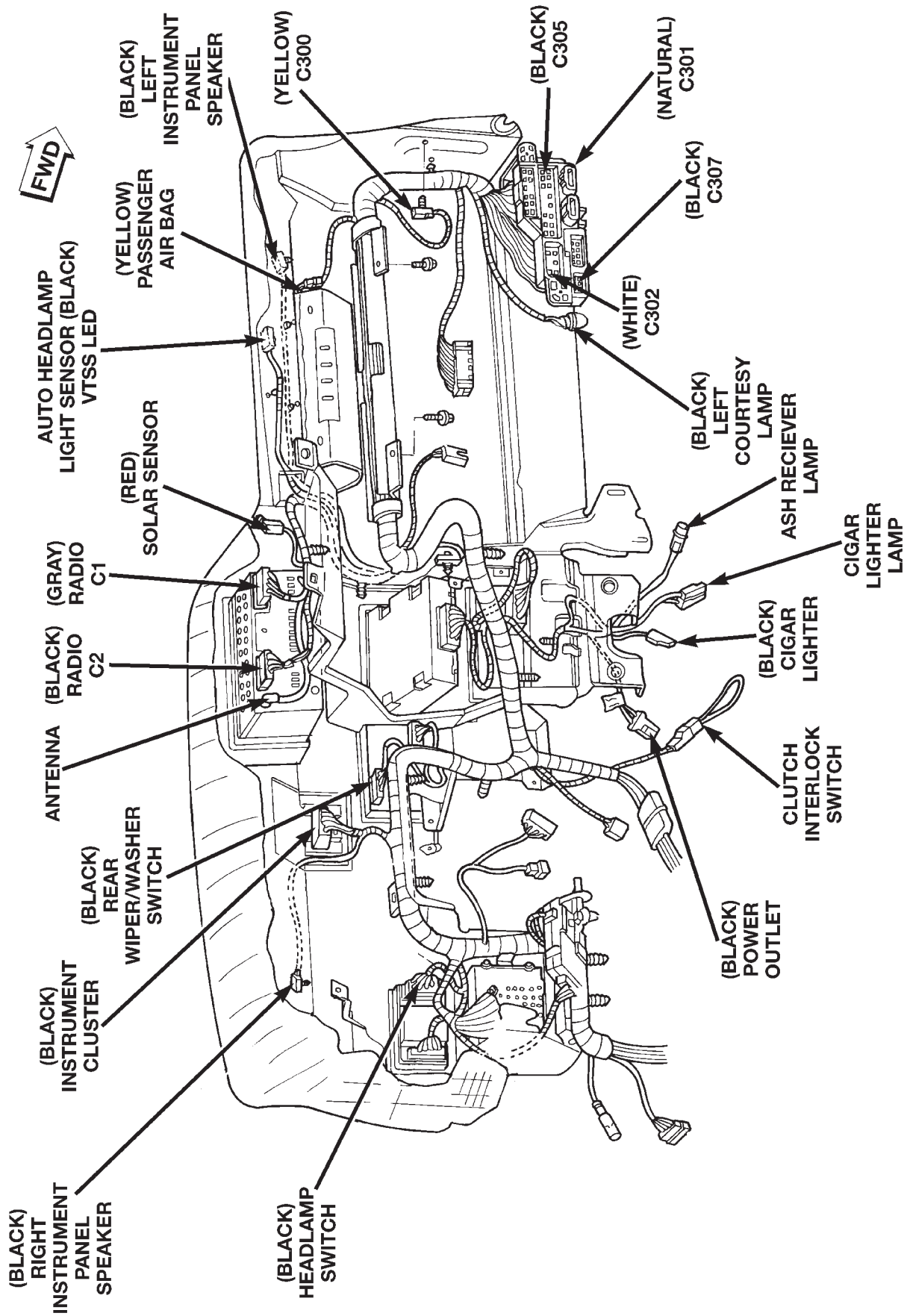


Fig. 11 Instrument Panel Connectors—RHD

DESCRIPTION AND OPERATION (Continued)

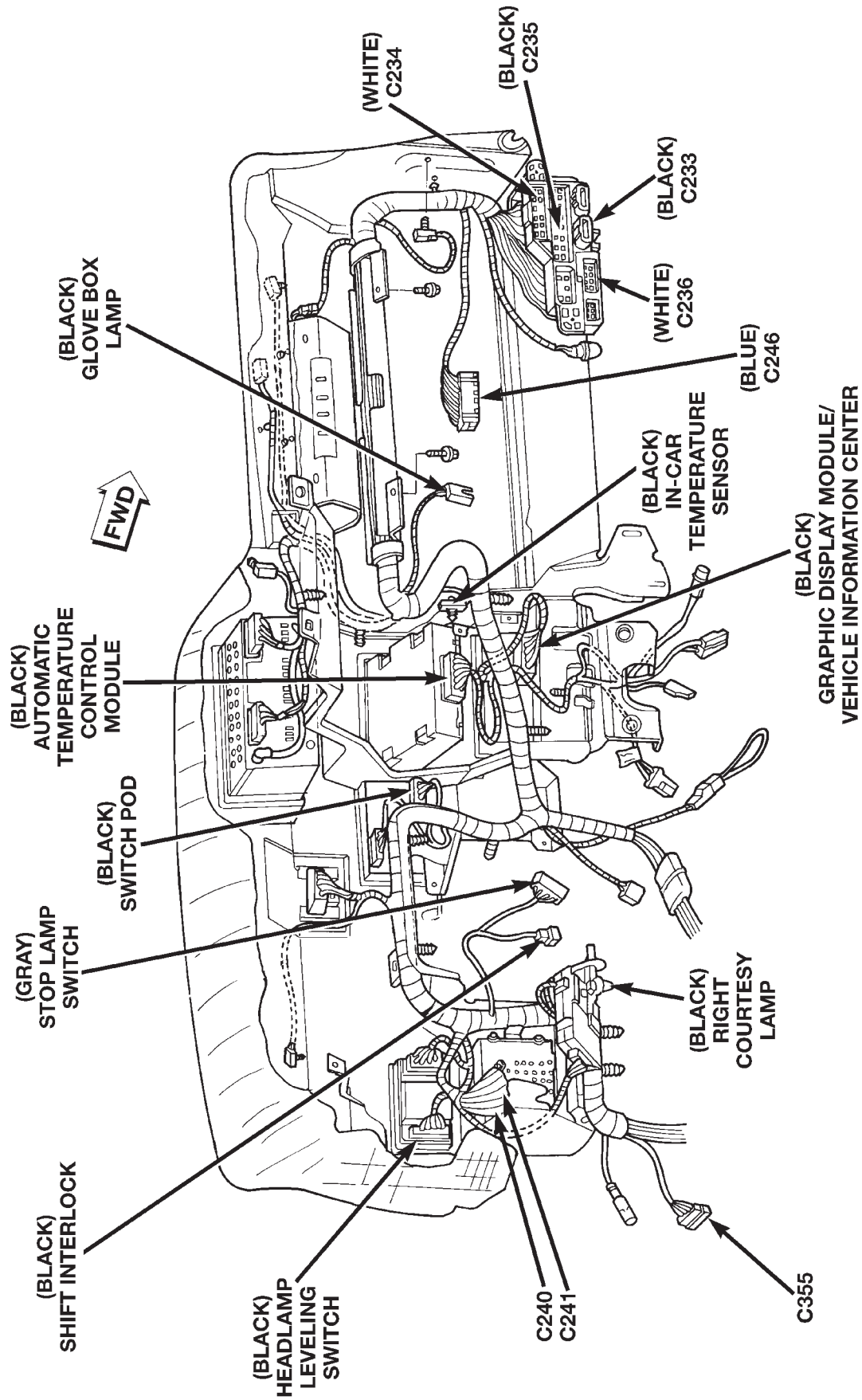


Fig. 12 Instrument Panel Connectors—RHD

DESCRIPTION AND OPERATION (Continued)

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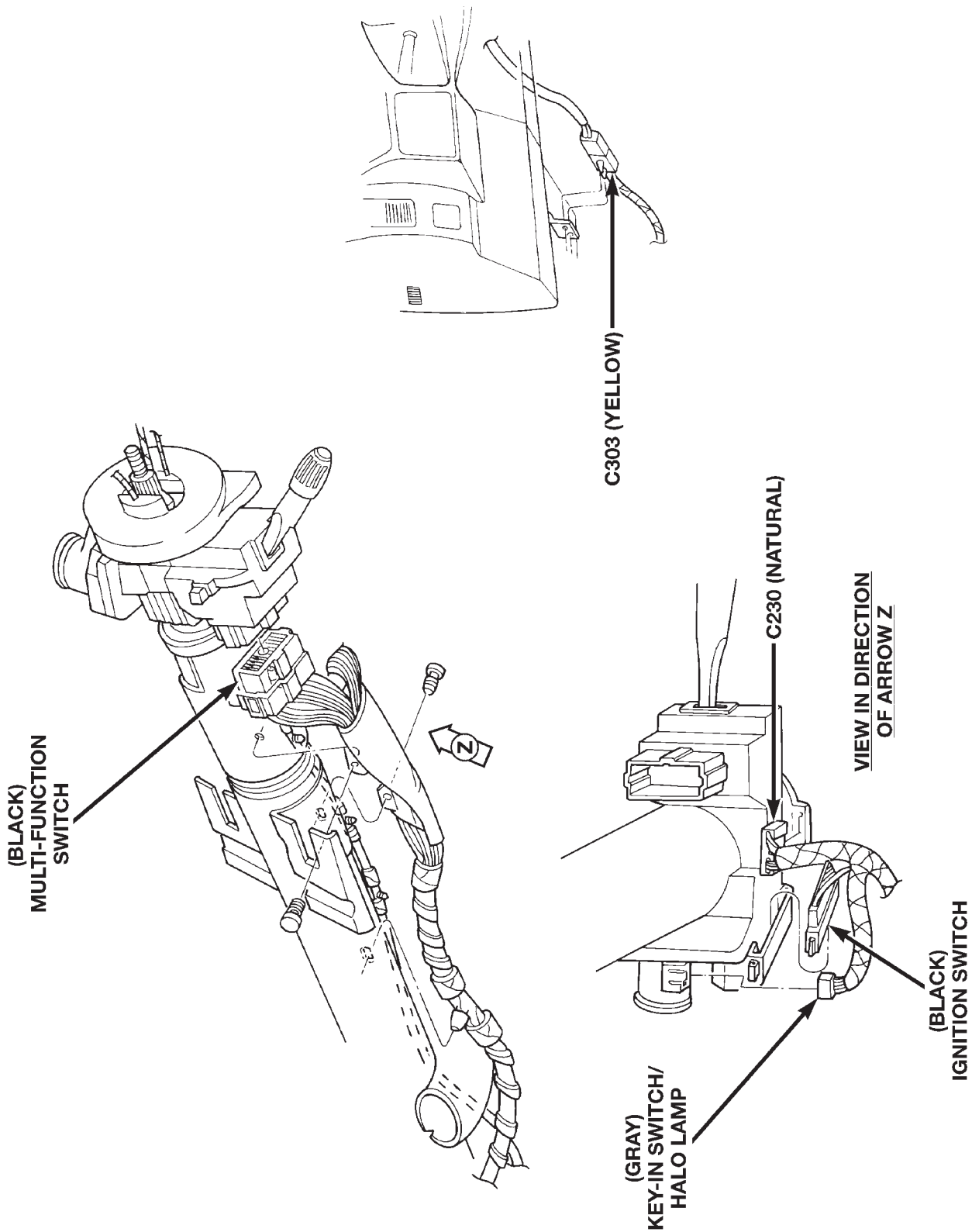


Fig. 13 Steering Column Connectors—RHD

DESCRIPTION AND OPERATION (Continued)

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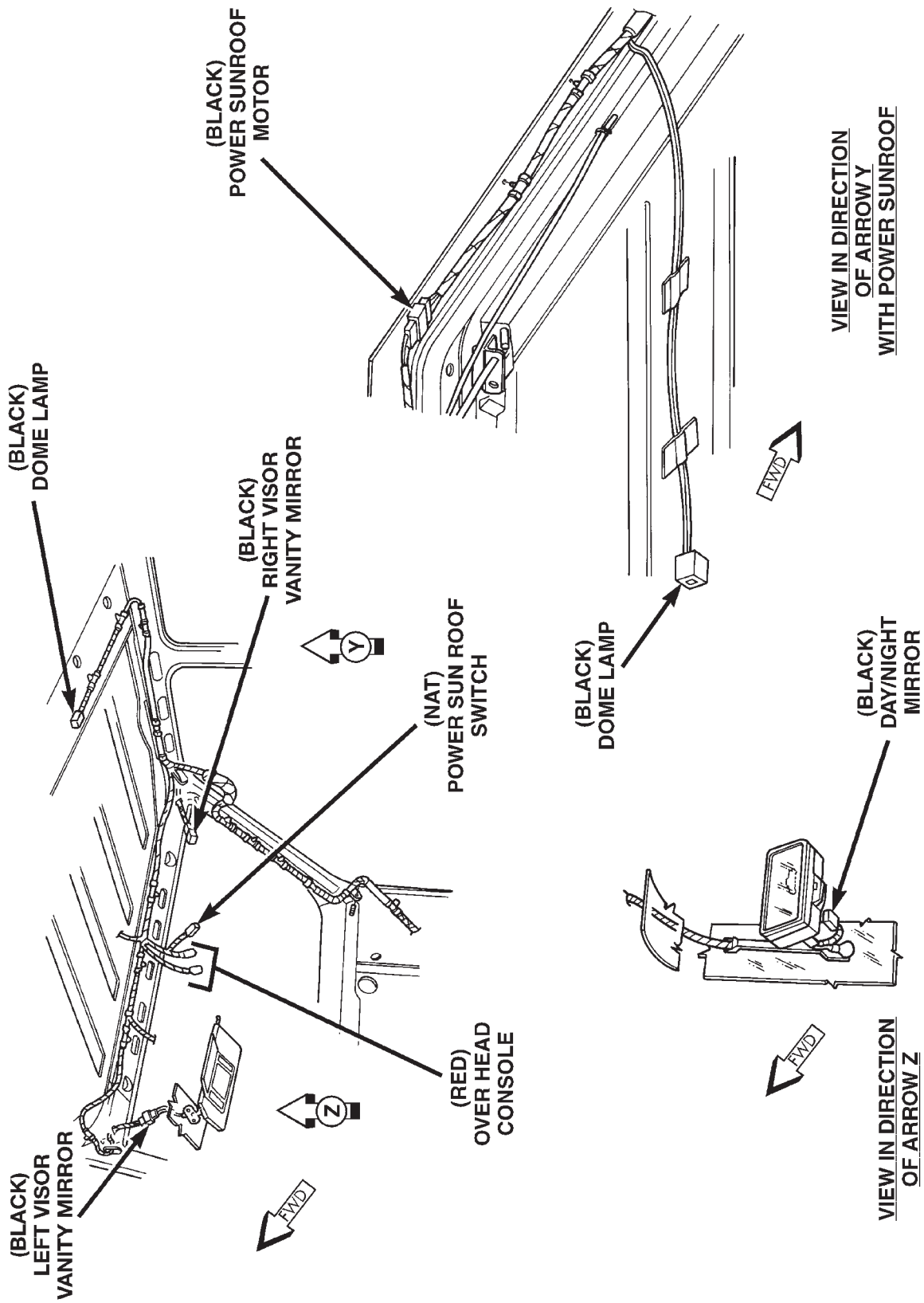


Fig. 14 Roof Connectors—RHD

DESCRIPTION AND OPERATION (Continued)

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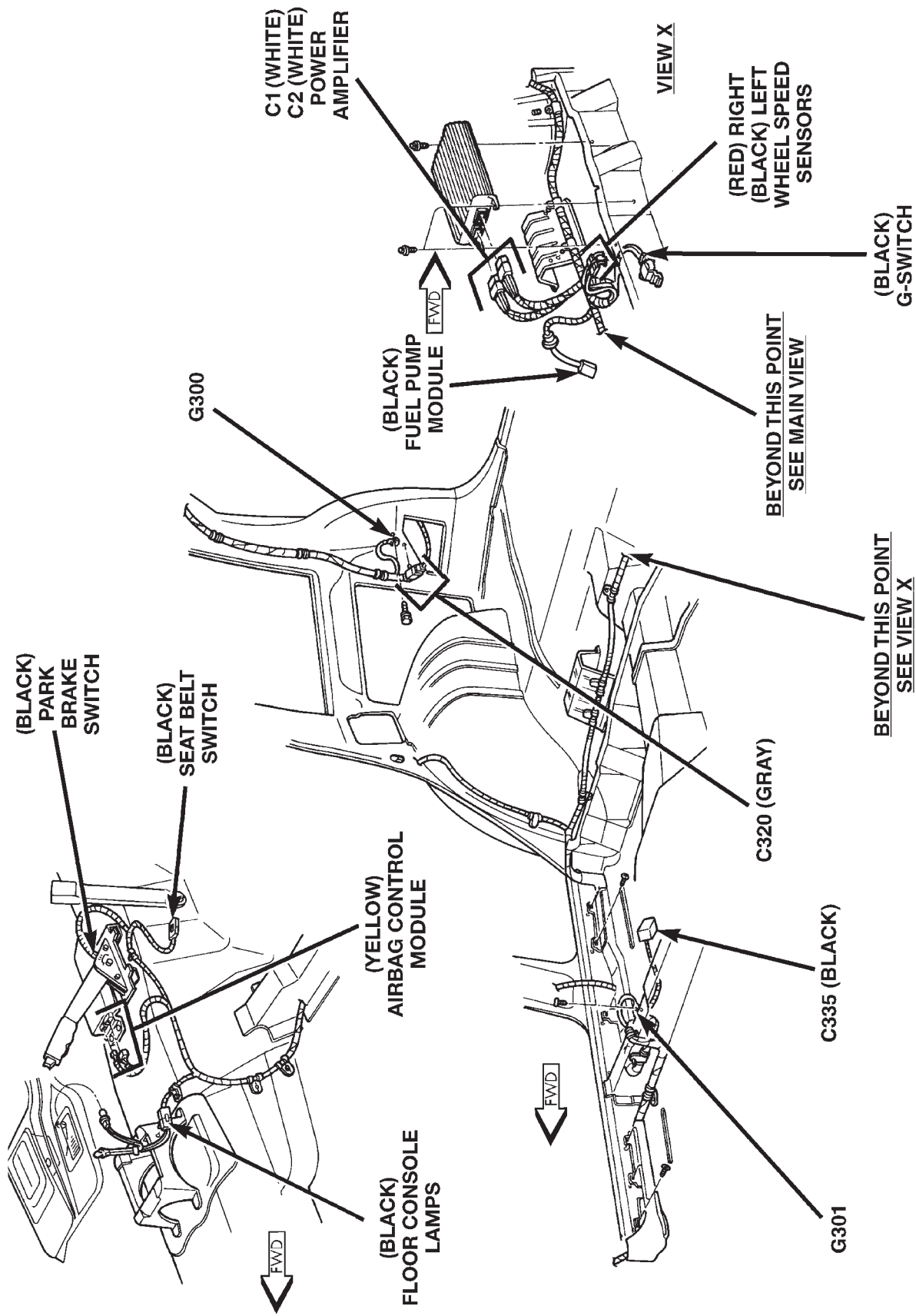
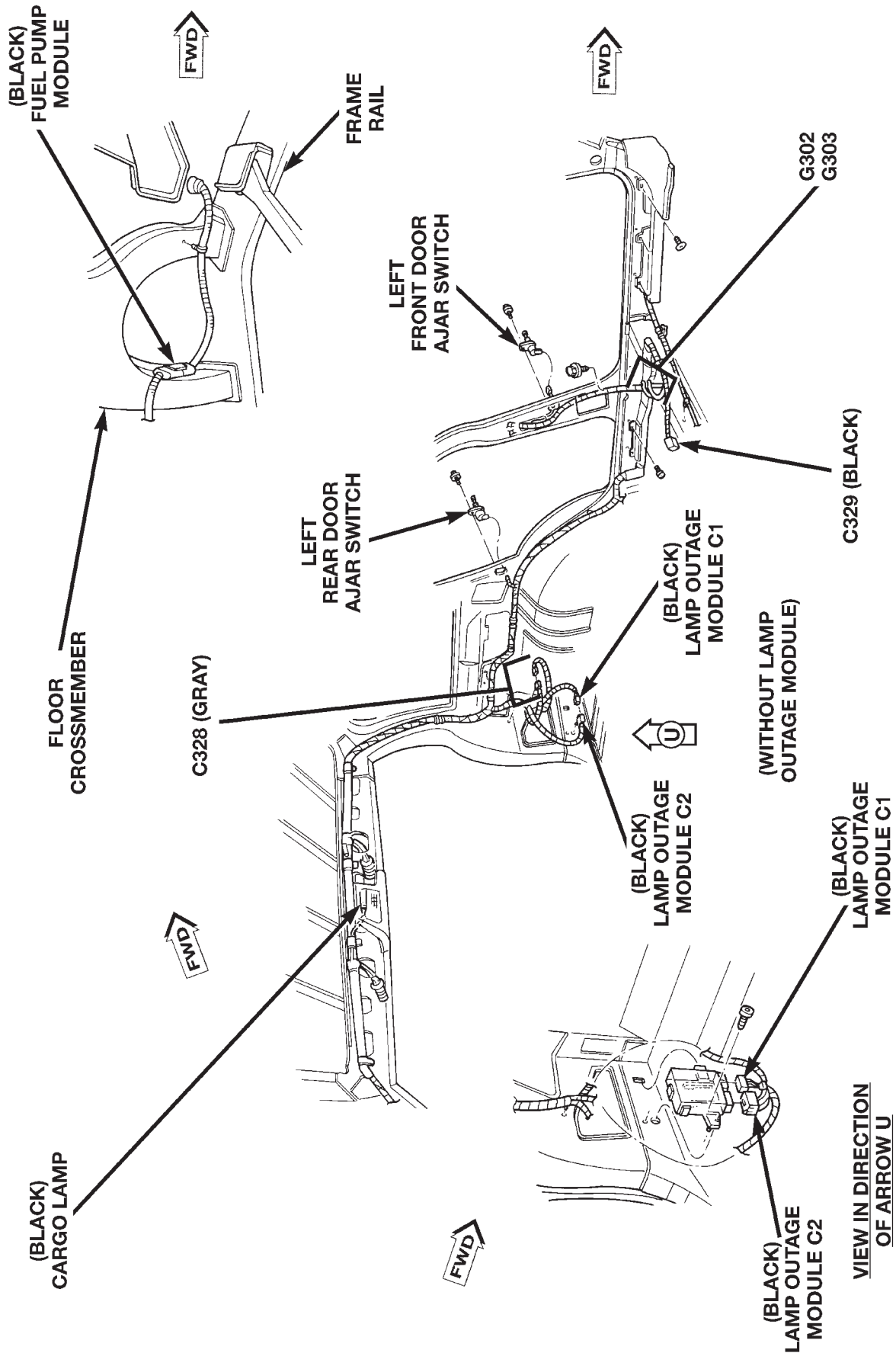


Fig. 15 Body Connectors—Right Side, RHD



DESCRIPTION AND OPERATION (Continued)



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Fig. 16 Body Connectors—Left Side, RHD

DESCRIPTION AND OPERATION (Continued)

80b3c91c

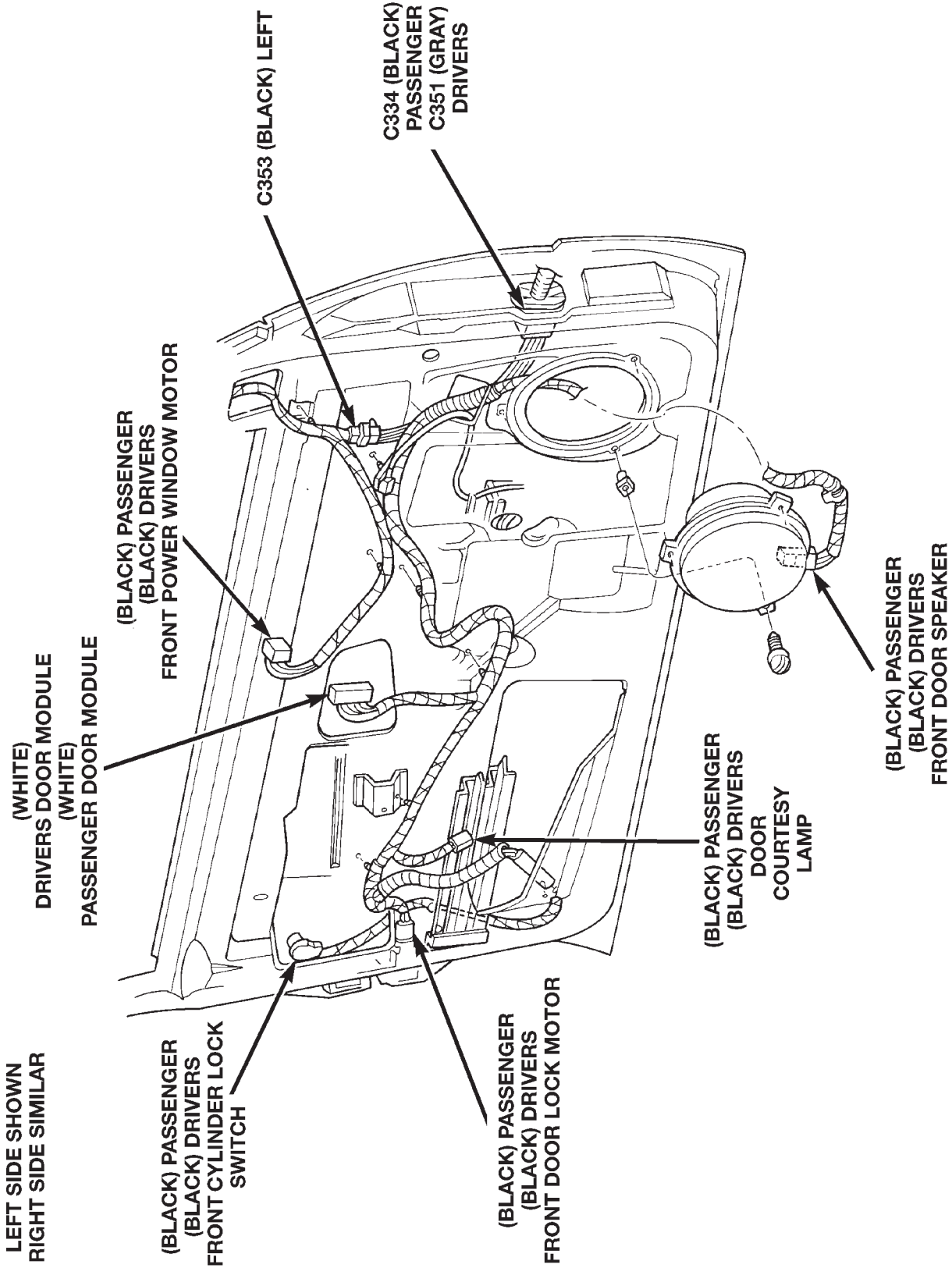


Fig. 17 Front Door Connectors—RHD

DESCRIPTION AND OPERATION (Continued)

80b3c91e

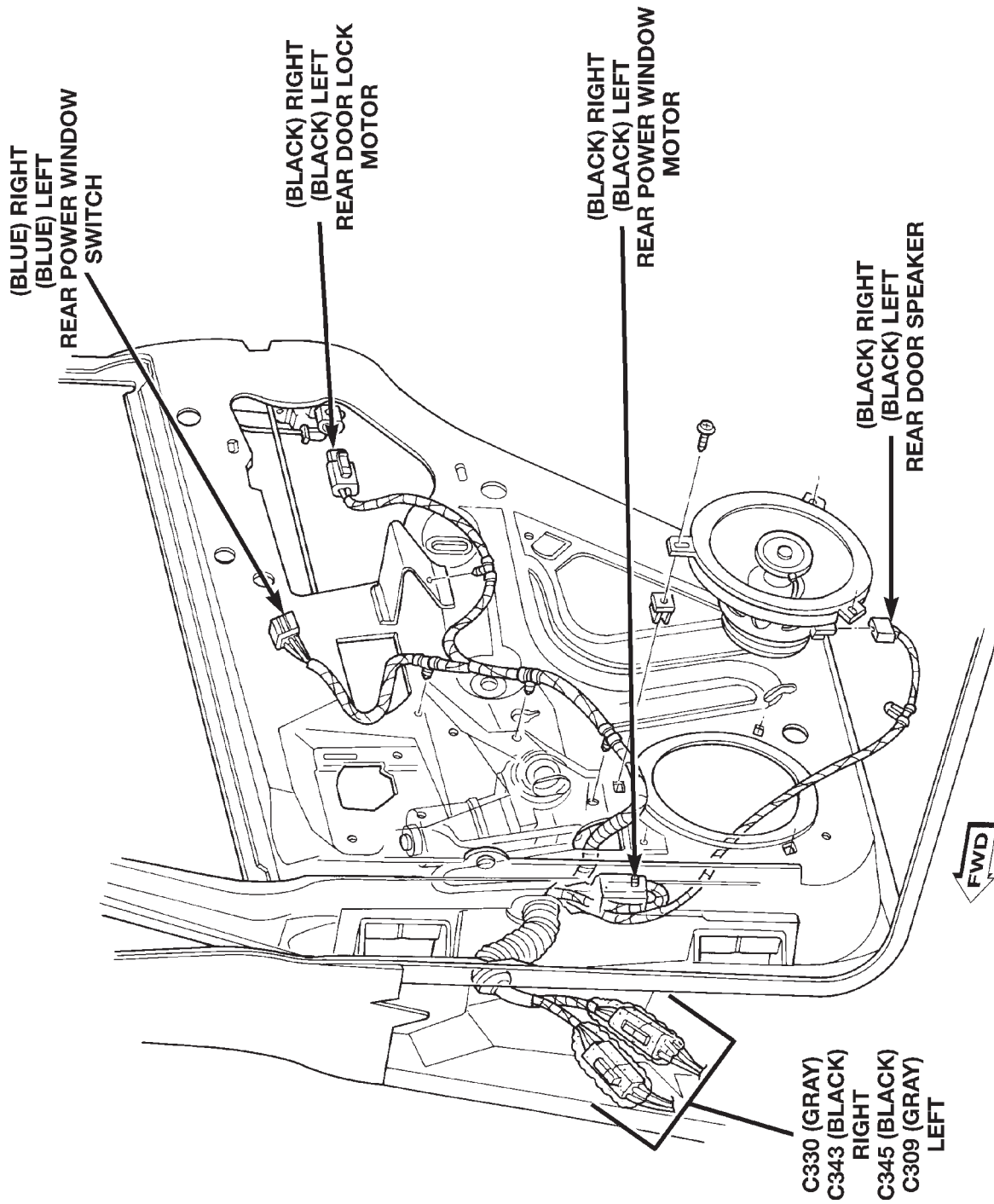
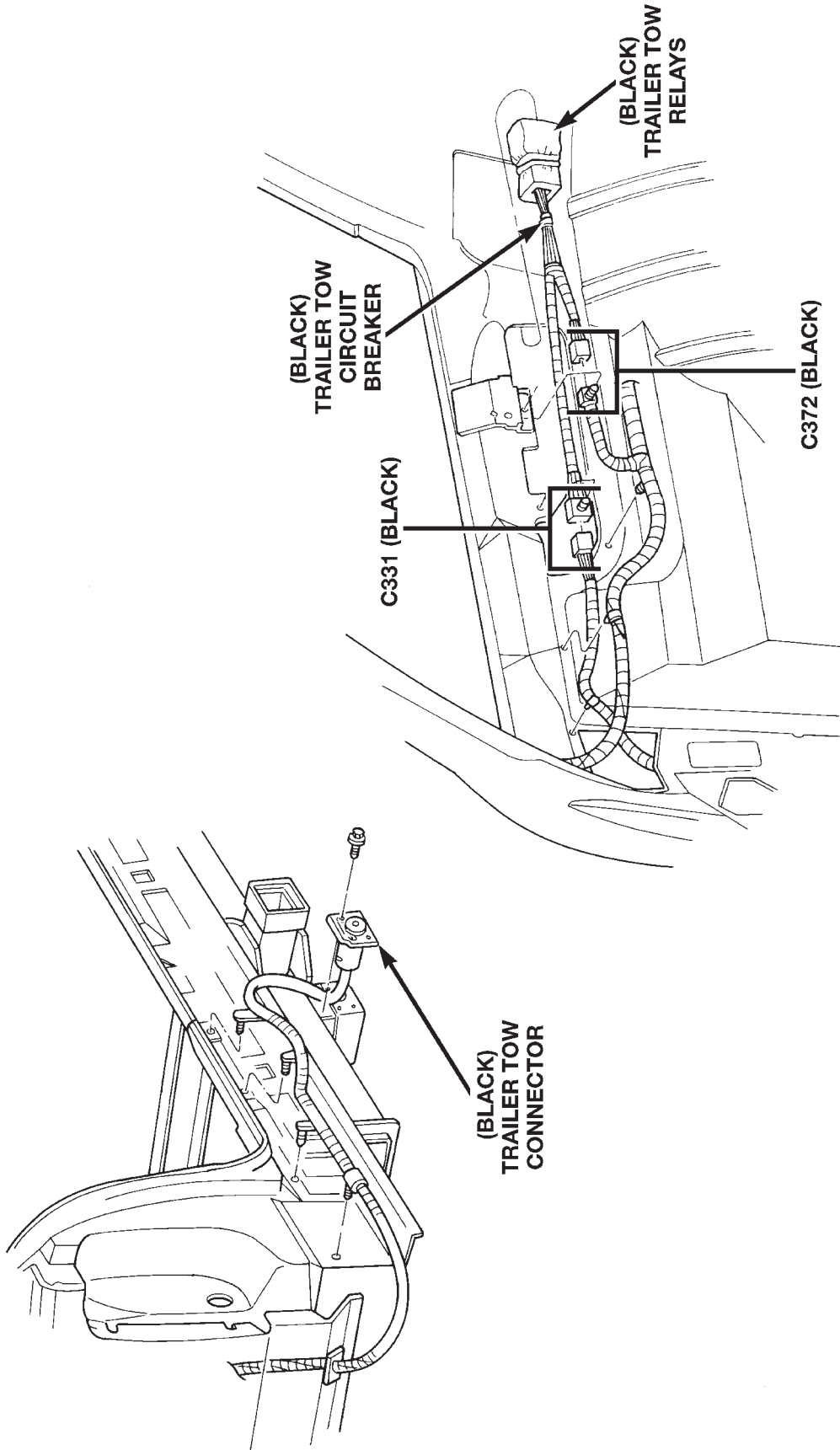


Fig. 18 Rear Door Connectors—RHD

DESCRIPTION AND OPERATION (Continued)



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Fig. 19 Factory Trailer Tow—RHD

DESCRIPTION AND OPERATION (Continued)

80b3c920

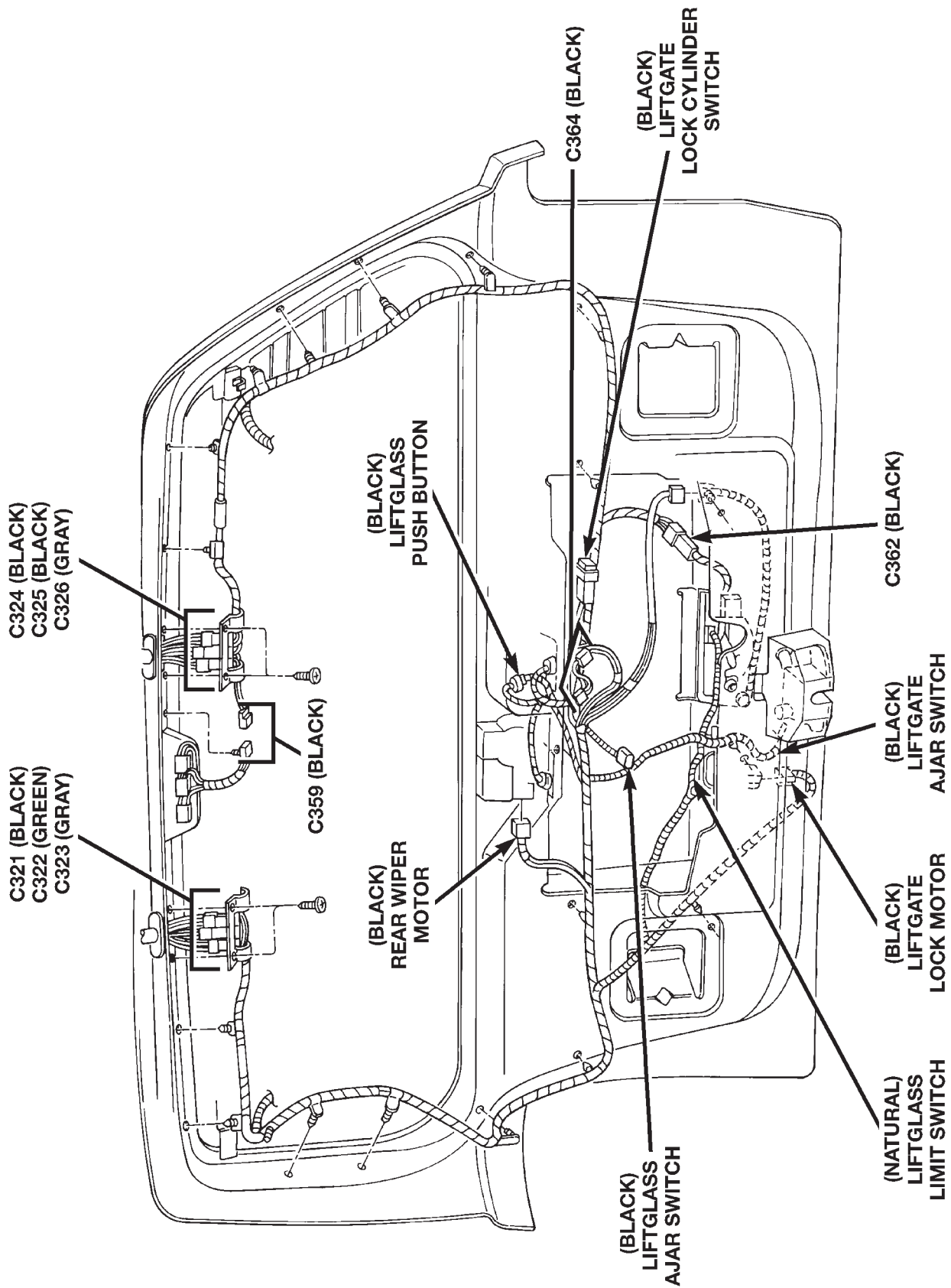
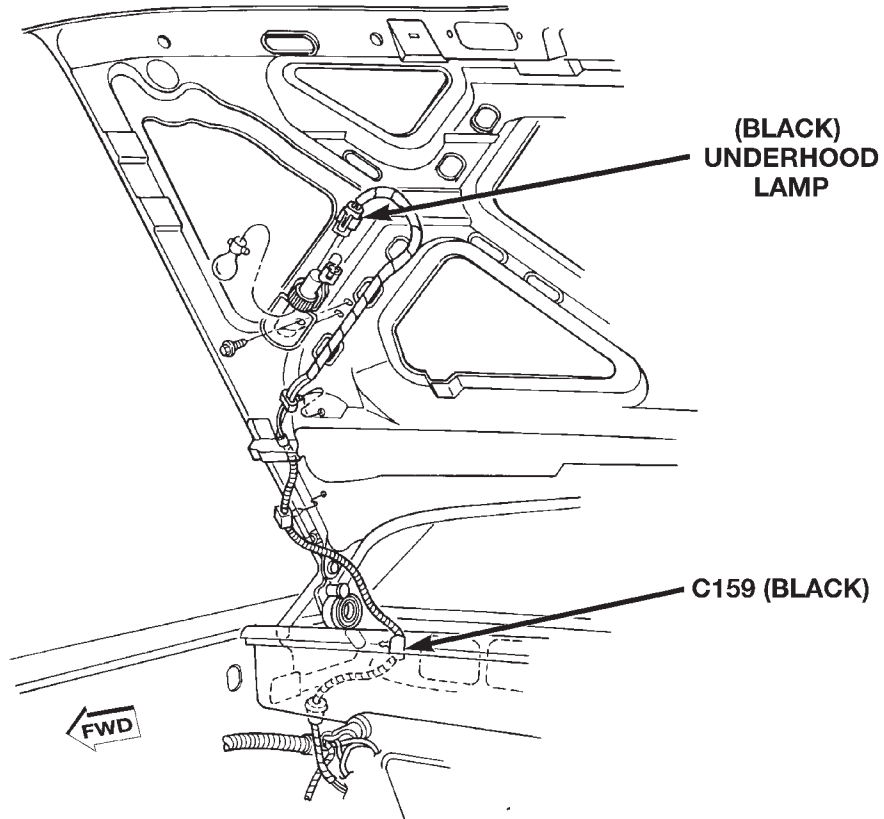


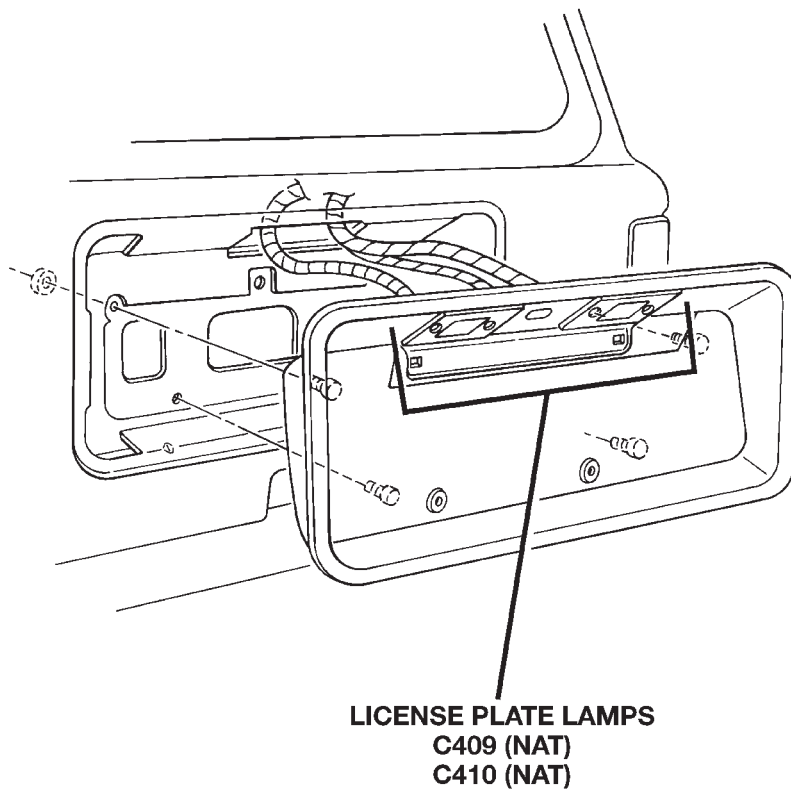
Fig. 20 Liftgate Connectors—RHD

DESCRIPTION AND OPERATION (Continued)



**Fig. 21 Underhood Lamp—RHD**

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**Fig. 22 License Plate Lamps—RHD**

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## 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 (LHDO)

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	In Injector Harness T/O	1
S101	Near Engine Harness T/O	1
S102	Near Battery Temperature Sensor T/O	1
S103	Near Battery Temperature Sensor T/O (4.0L) Near Body Ground (Diesel)	1
S104	Right Front Corner of Engine Compartment	1
S105	Right Front Corner of Engine Compartment	1
S106	Right Front Corner of Engine Compartment	1
S107	Left Front Corner of Engine Compartment	1
S108	Left Front Corner of Engine Compartment	1
S109	Left Front Corner of Engine Compartment	1
S110	Left Side of Engine Compartment	1
S111	Left Side of Engine Compartment	1
S112	Left Side of Engine Compartment	1
S113	Left Side of Engine Compartment	1
S114	Left Side of Engine Compartment	1
S115	Left Rear of Engine Compartment	1
S116	Near Branch to Brake Warning Switch	1
S117	In Branch to Brake Warning Switch	1
S118	In Branch to Brake Warning Switch	1
S119	Left Rear of Engine Compartment	1
S120	Left Rear of Engine Compartment	1

Splice Number	Location	Fig.
S121	Left Rear of Engine Compartment	1
S122	Near PDC T/O	1
S123	Near Vehicle Speed Control Servo T/O	1
S124	Near PDC T/O	1
S125	Near Controller, Antilock Brakes	1
S126	Near A/C High Pressure Switch T/O (4.0L Engine)	1
S126	In Branch to Starter Motor (5.2L Engine)	3
S127	Near Injector No. 3 T/O (4.0L Engine)	2
S128	Near Injector No. 5 T/O (4.0L Engine)	2
S128	Near T/Os for Injectors 6 and 8 (5.2L Engine)	3
S128	Near Coolant Level Sensor	4
S129	Rear of Engine (4.0L Engine)	2
S129	Near Injector No. 3 T/O (5.2L Engine)	3
S130	Rear of Engine (4.0L Engine)	2
S130	Near Camshaft Position Sensor T/O (5.2L Engine)	3
S130	Near Crankshaft Position Sensor (Diesel)	4
S131	Near PCM T/O	2
S131	Right Rear of Engine (5.2L Engine)	3
S132	Near Transmission T/O (4.0L Engine)	2
S132	Rear of Engine (5.2L Engine)	3

## DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S133	In T/O to Oil Pressure Sensor and Crankshaft Position Sensor (4.0L Engine)	2	S205	Near Branch to Instrument Cluster	4
S133	Near Injector No. 5 T/O (5.2L Engine)	3	S206	Near BCM T/O	4
S134	Near Branch to Powertrain Control Module (4.0L Engine)	2	S207	Near Shift Interlock T/O	4
S134	Rear of Engine (5.2L Engine)	3	S208	Near Branch to Shift Interlock T/O	4
S135	Near Engine Ground T/O (4.0L Engine)	2	S209	Near Body Harness T/O	4
S135	Right Rear of Engine (5.2L Engine)	3	S210	Near Shift Interlock T/O	4
S136	Near Injector No. 7 T/O (5.2L Engine)	3	S211	Near Branch to Graphic Display Module/Vehicle Information Center	4
S137	In Generator T/O	N/S	S212	Near Cigar Lighter/Power Outlet T/O	4
S150	Near G110 T/O	N/S	S214	Near Passenger Airbag T/O	4
S151	In High Speed Cooling Fan T/O	N/S	S215	Near Shift Interlock T/O	4
S152	Near Datalink Connector T/O	N/S	S216	Near Cigar Lighter/Power Outlet T/O	4
S153	Near High Pressure Cut-Out Switch T/O (5.2L/5.9L) Near G110 T/O (4.0L)	N/S	S218	Near Passenger Airbag T/O	4
S154	Near Datalink Connector T/O (5.2L/5.9L) Near G110 T/O (4.0L)	N/S	S219	Near Branch to Graphic Display Module/Vehicle Information Center	4
S170	In PDC T/O	N/S	S220	Near Passenger Airbag T/O	4
S171	Near Crankshaft Position Sensor T/O	4	S221	On HVAC Harness	6
S173	Near Body Ground T/O	1	S222	On HVAC Harness	6
S174	Near PDC T/O	1	S223	On HVAC Harness	6
S175	Near PDC T/O	1	S226	On HVAC Harness	6
S176	Near PDC T/O	1	S300	Near Left Kick Panel	5
S177	Near PDC T/O	1	S301	Near Left Kick Panel	5
S178	Left Side of Engine Compartment	1	S302	Near Left Kick Panel	5
S179	Left Side of Engine Compartment	1	S303	Near T/O to Floor Console	7
S180	Left Rear of Engine Compartment	1	S304	Near Amplifier T/O	7
S181	Near ABS Controller T/O	N/S	S305	Near Branch to Left Rear Door	7
S182	Near ABS Controller T/O	1	S306	Near T/O to Left Rear Door	7
S190	Near Engine Ground T/O	2	S307	Near T/O to Left Rear Door	7
S200	In Body Harness T/O	4	S308	Near T/O to Power Amplifier	7
S201	Near Rear Wiper/washer Switch T/O	4	S309	In T/O to Power Amplifier	7
S202	Near Stop Lamp Switch T/O	4	S310	Near T/O to Power Amplifier	7
S203	Near Stop Lamp Switch T/O	4	S311	Left Rear Quarter Panel	7
S204	Near Branch to Instrument Cluster	4	S312	Left Rear Quarter Panel	7
			S313	Left Rear Quarter Panel	7
			S314	Near Trailer Harness T/O	7
			S315	Top of Left Rear Quarter Panel	7
			S316	Near Right Side T/O for Liftgate	8
			S317	In T/O to Power Amplifier	7
			S318	In Branch to Power Amplifier	7
			S319	Near Branch to Right Rear Door Ajar Switch	8



DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.
S320	In Branch to Dome/Reading Lamp	10
S321	Between Day/Night Mirror T/O and Right Vanity Mirror T/O	9
S322	Between Day/Night Mirror T/O and Right Vanity Mirror T/O	9
S323	Near Day/Night Mirror T/O	9
S324	In Left Front Door, Between Power Window Motor T/O and Power Mirror T/O	10
S325	In Right Front Door, Near Power Window Motor T/O	10
S326	In Right Front Door, Near Power Window Motor T/O	10
S327	In Right Front Door, Near Power Window Motor T/O	10
S328	In Liftgate, Near Rear Window Defogger T/O	11
S329	In Liftgate, Near Rear Wiper Motor T/O	11
S330	In Factory Trailer Tow Harness, Near Body Harness Connector	7
S331	In Aftermarket Trailer Tow Harness, Near Trailer Receptacle Harness Connector	N/S
S332	In Liftgate, Near Left Body Connectors	11
S333	Near T/O to Right Power Seat	8
S334	In Branch to Dome Reading Lamp	9
S335	In Branch to Power Amplifier	7
S336	In Liftgate, Between Rear Wiper Motor T/O and Liftgate Lock Motor T/O	11
S400	In Left Power Seat Harness, Near Lumbar Motor T/O	N/S
S401	In Left Power Seat Harness, Near Riser Motor Sensor T/O	N/S
S402	In Left Power Seat Harness, Between Riser Motor Sensor T/O and Heated Seat Module T/O	N/S

Splice Number	Location	Fig.
S403	In Left Power Seat Harness, Near Seat Switch T/O	N/S
S404	In Right Power Seat Harness, Near Seat Motor T/Os	N/S
S405	In Right Power Seat Harness, Near Seat Motor T/Os	N/S
S406	In Right Power Seat Harness, In Branch to Seat Switch	N/S
S407	In Left Power Seat Harness, Near Lumbar Motor T/O	N/S
S408	Near Left Front Turn Signal Bulb Socket	N/S
S409	Near Left Front Turn Signal Bulb Socket	N/S
S410	Near Left Front Park Lamp Bulb Socket	N/S
S411	In Left Tail Lamp Harness, Between Body Connector and Grommet	N/S
S412	In Left Tail Lamp Harness, Between Body Connector and Grommet	N/S
S413	Near Right Front Turn Signal Bulb Socket	N/S
S414	Near Left Front Turn Signal Bulb Socket	N/S
S415	Near Right Front Park Lamp Bulb Socket	N/S
S416	In Left Tail Lamp Harness, Between Body Connector and Grommet	N/S
S417	In Right Tail Lamp Harness, Between Body Connector and Grommet	N/S
S418	In License Plate Lamp Harness	11
S419	In License Plate Lamp Harness	11

DESCRIPTION AND OPERATION (Continued)

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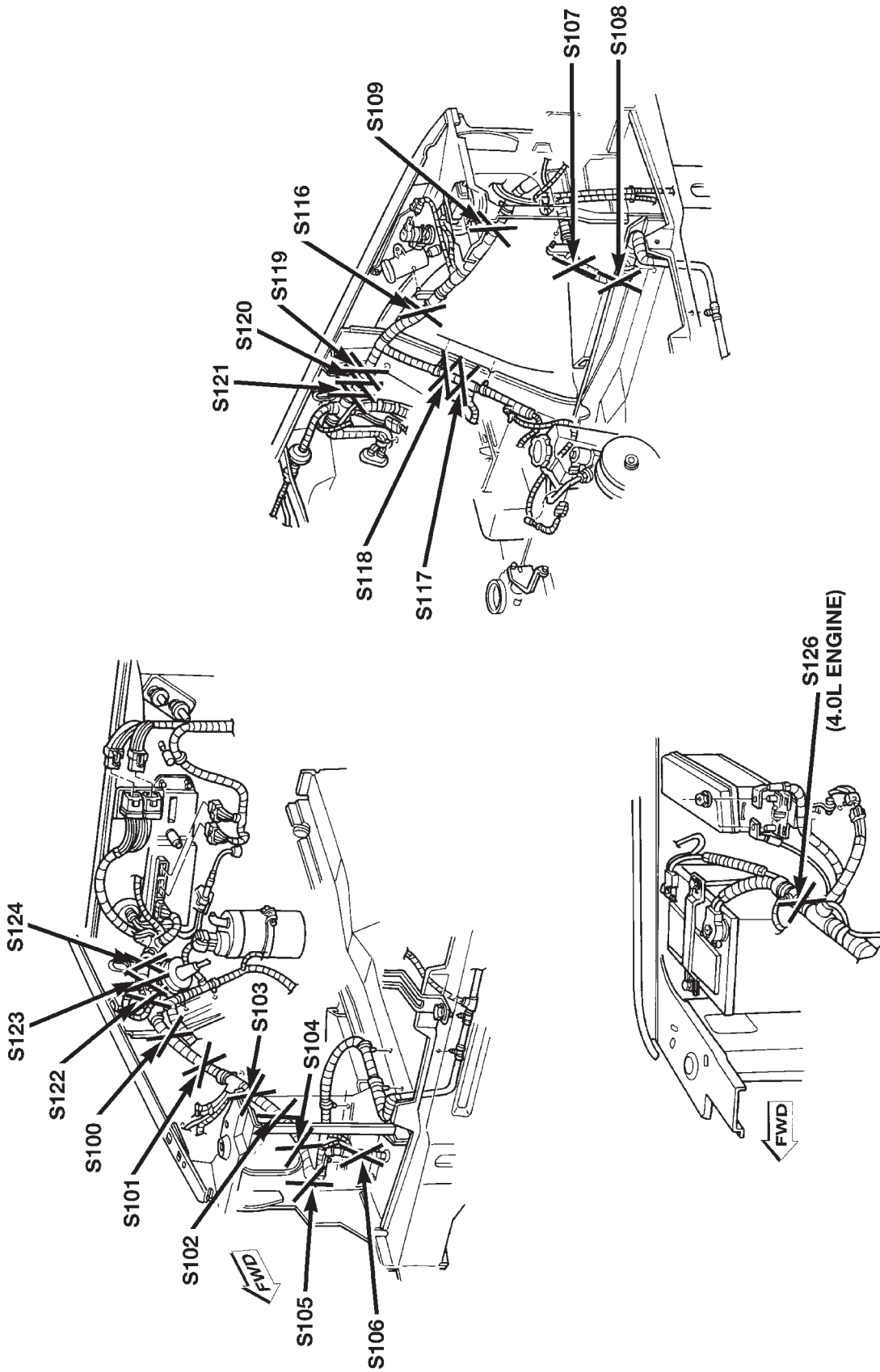


Fig. 1 Engine Compartment Splices—LHD

DESCRIPTION AND OPERATION (Continued)

80b3c92f

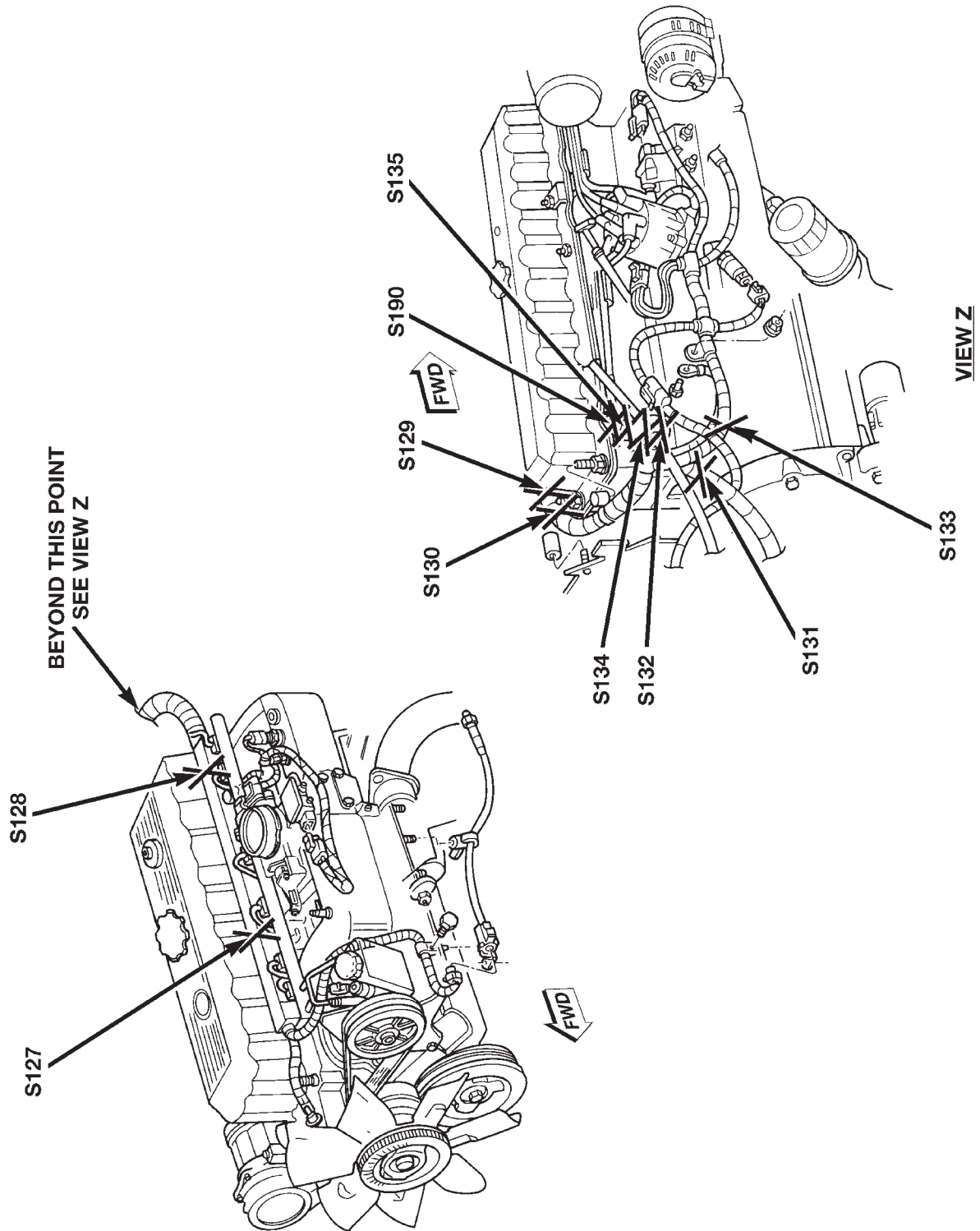


Fig. 2 Engine Wiring Splices—4.0L Engine, LHD

DESCRIPTION AND OPERATION (Continued)

8053C930

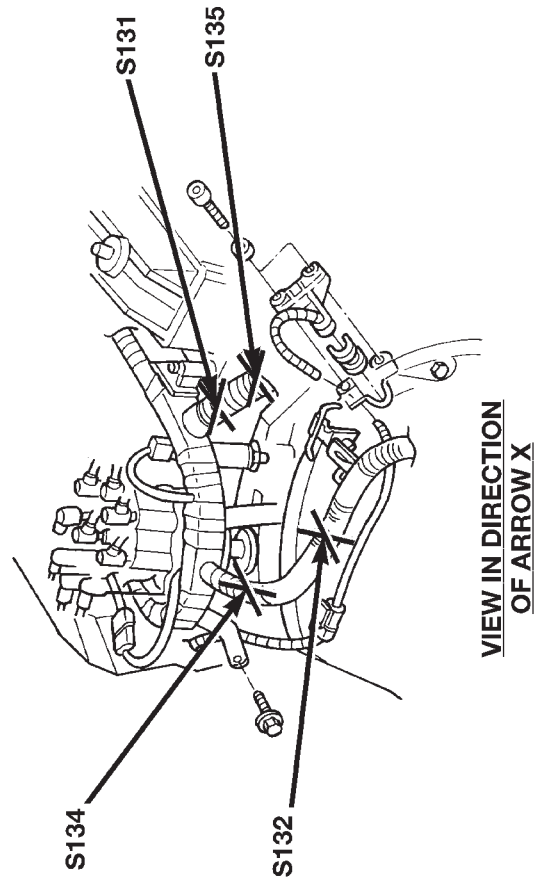
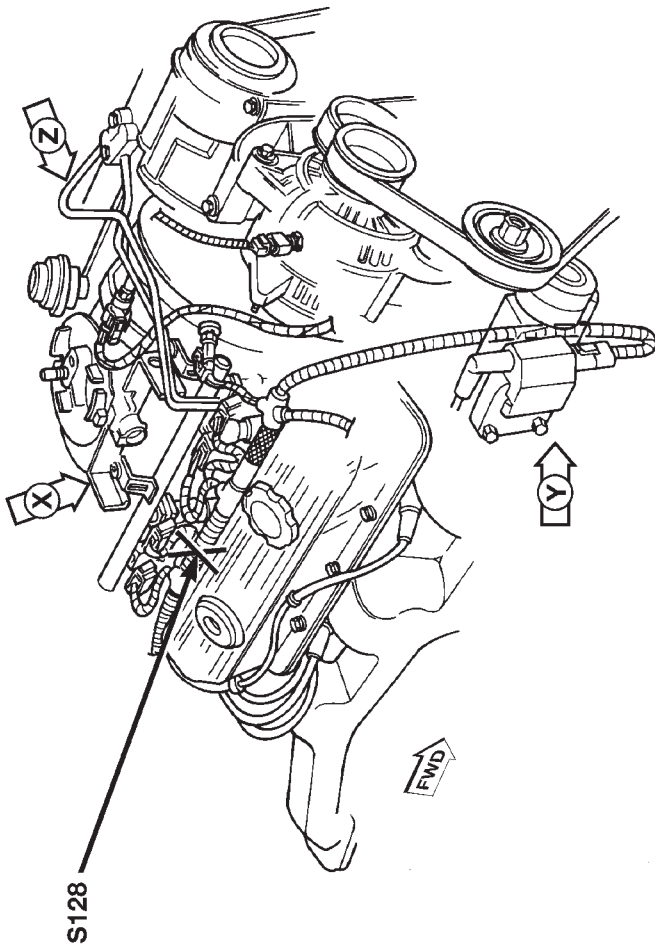
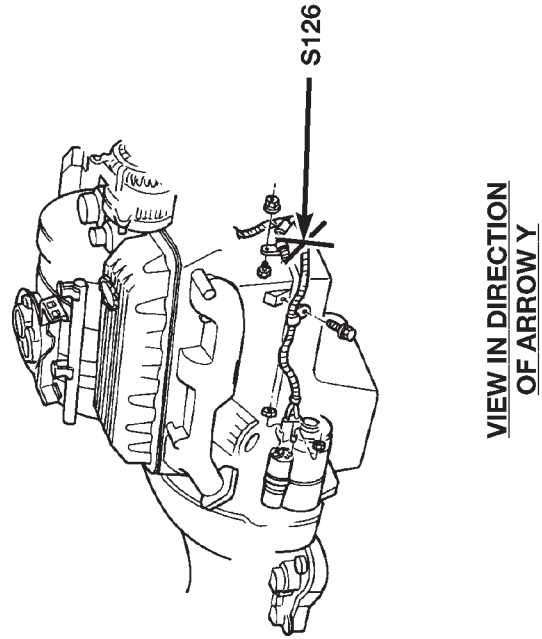
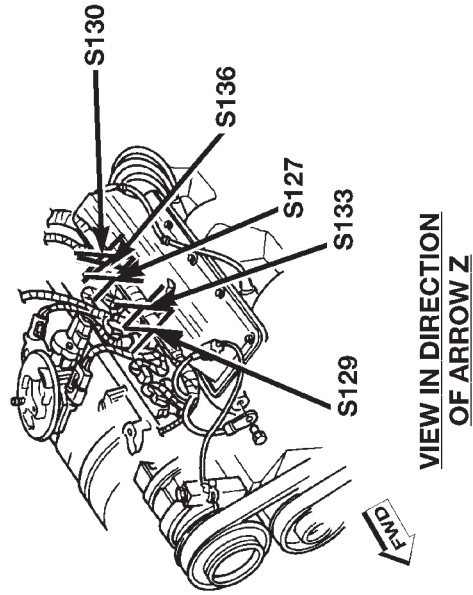


Fig. 3 Engine Wiring Splices—5.2L Engine, LHD

DESCRIPTION AND OPERATION (Continued)

80b3c931

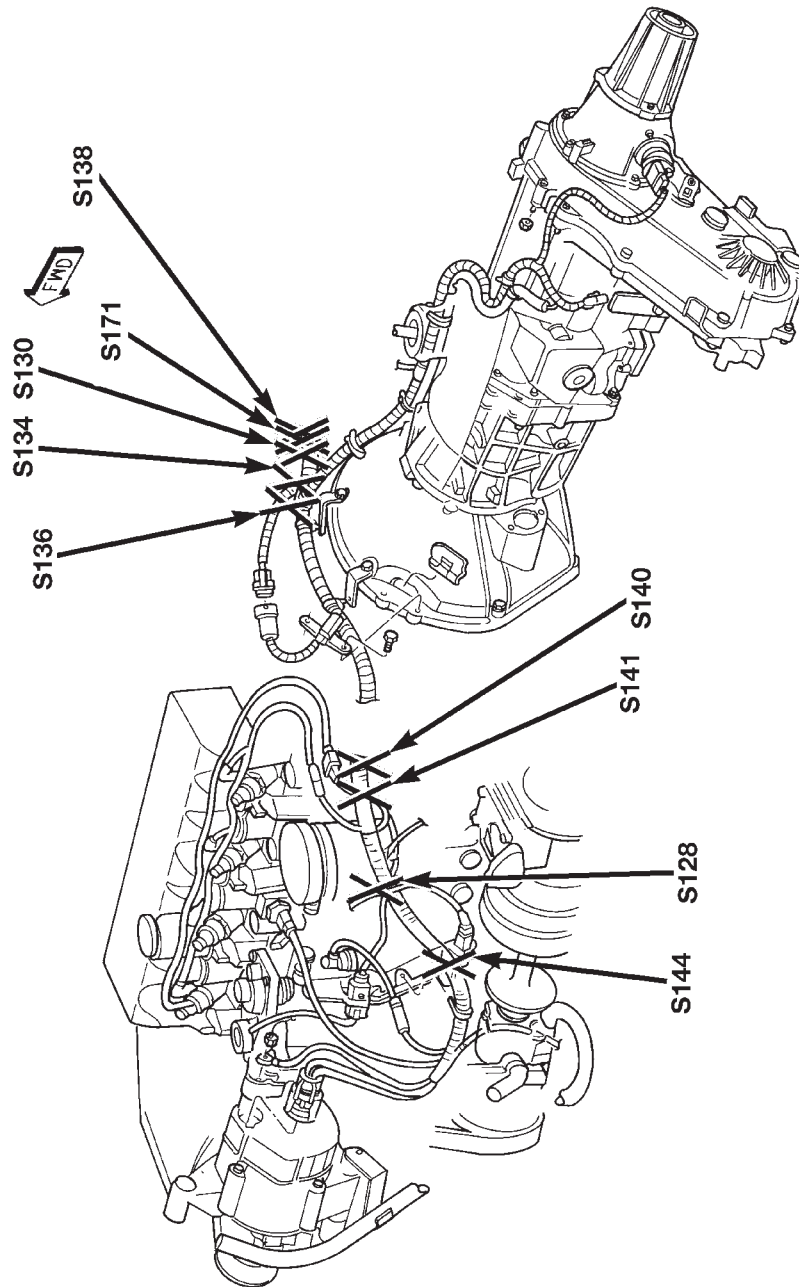


Fig. 4 Engine and Transmission Wiring Splices—Diesel, LHD

DESCRIPTION AND OPERATION (Continued)

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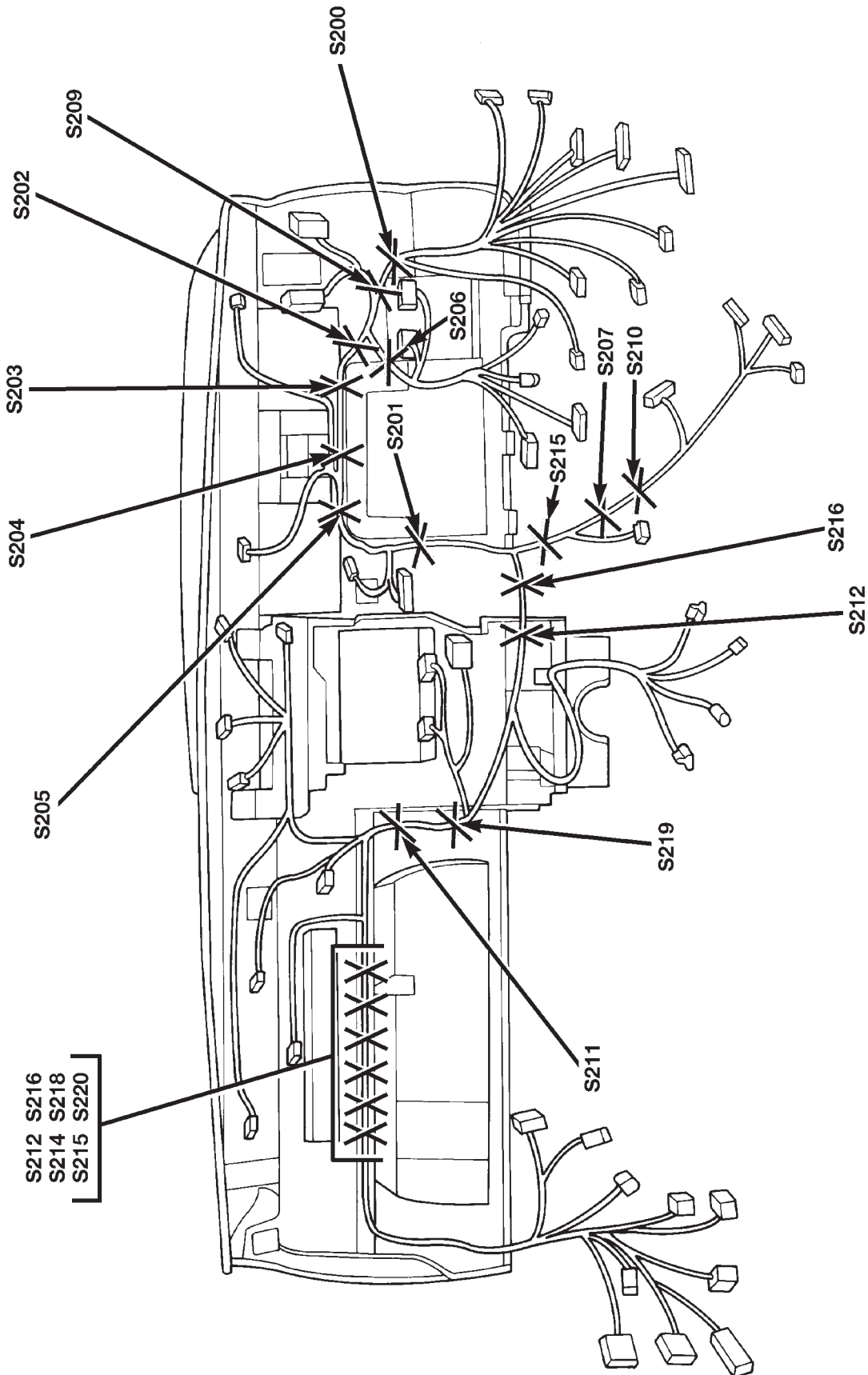


Fig. 5 Instrument Panel Splices—LHD

DESCRIPTION AND OPERATION (Continued)

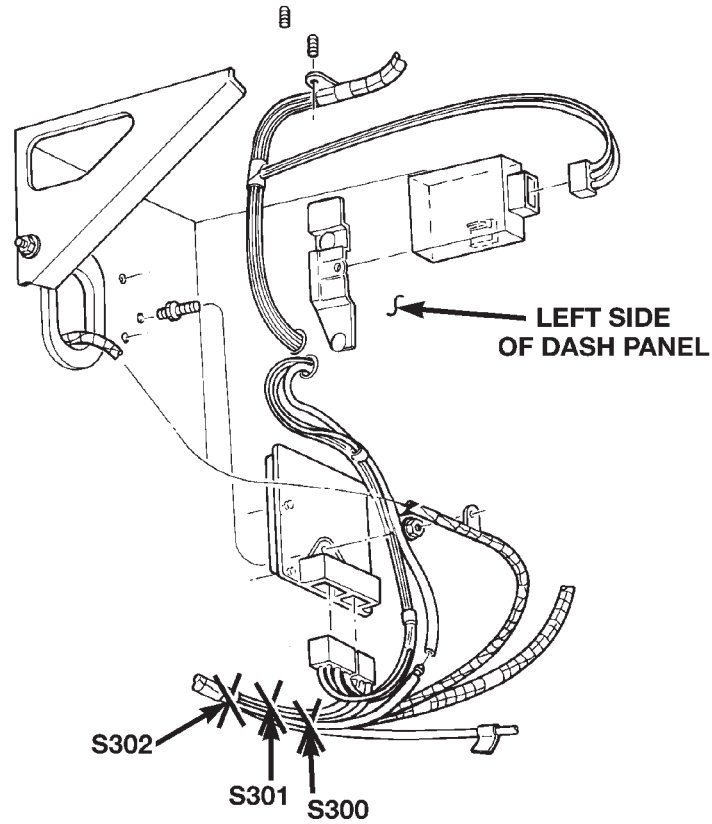


Fig. 6 Body Splices—LHD

80b2b70c

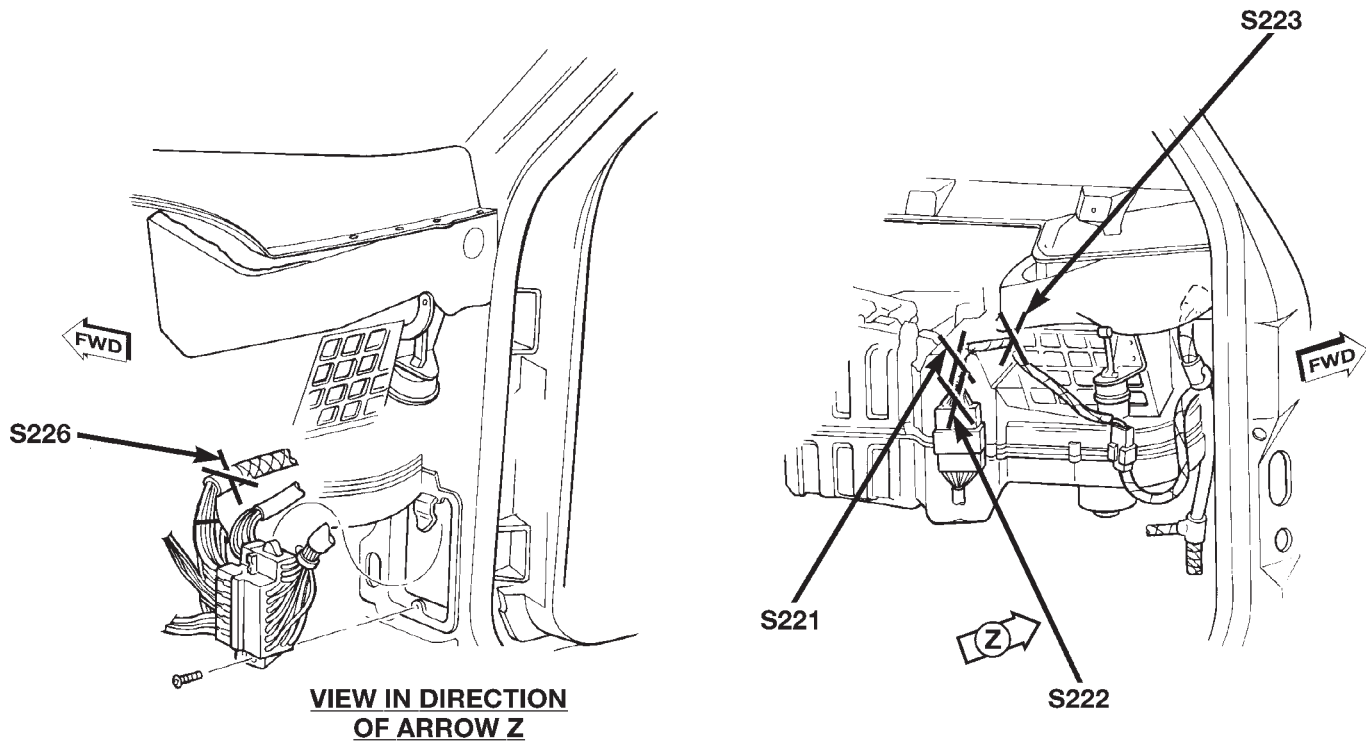
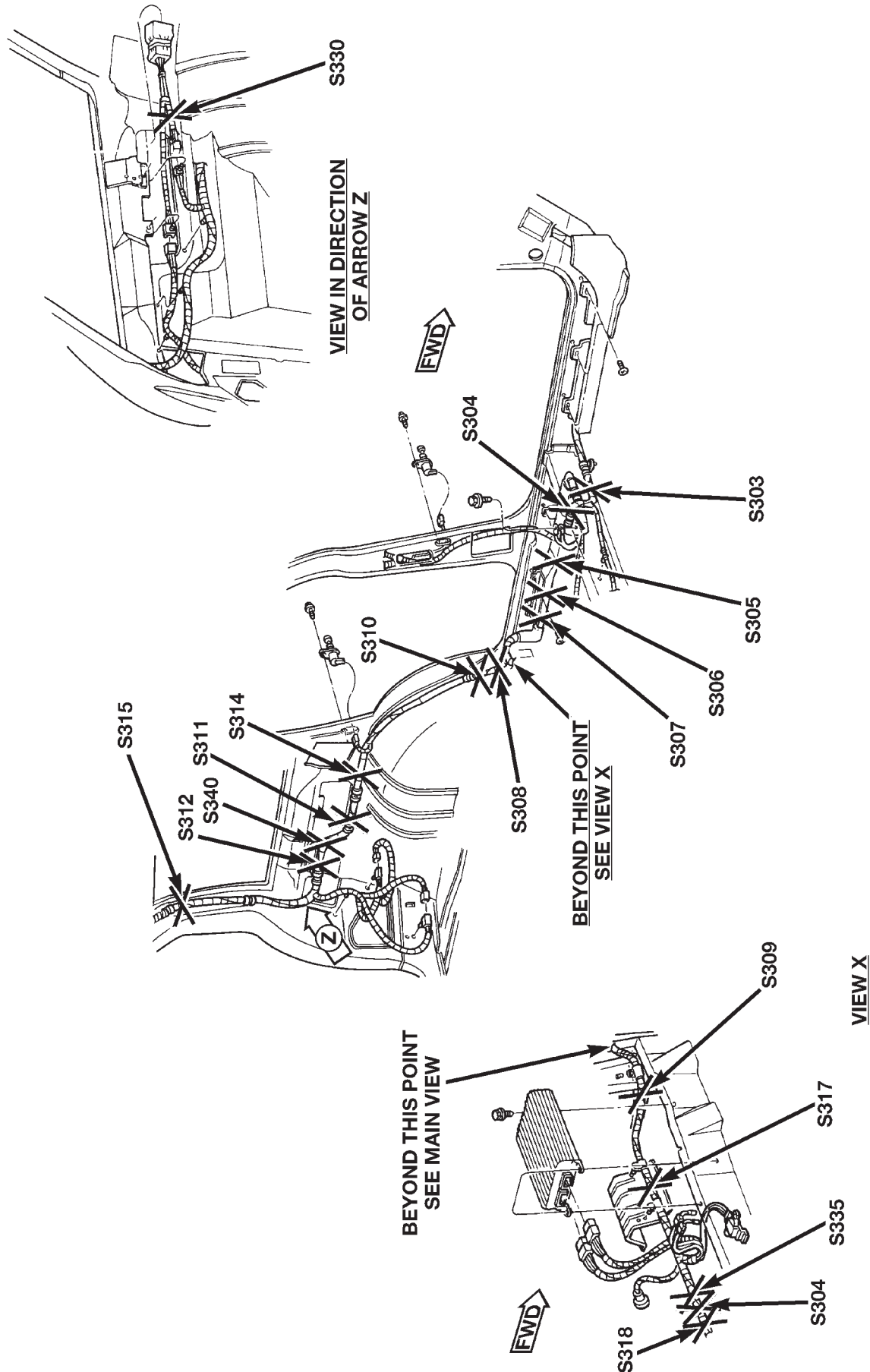


Fig. 7 HVAC Harness Splices—LHD

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DESCRIPTION AND OPERATION (Continued)



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Fig. 8 Left Body Side Wiring Splices—LHD



DESCRIPTION AND OPERATION (Continued)

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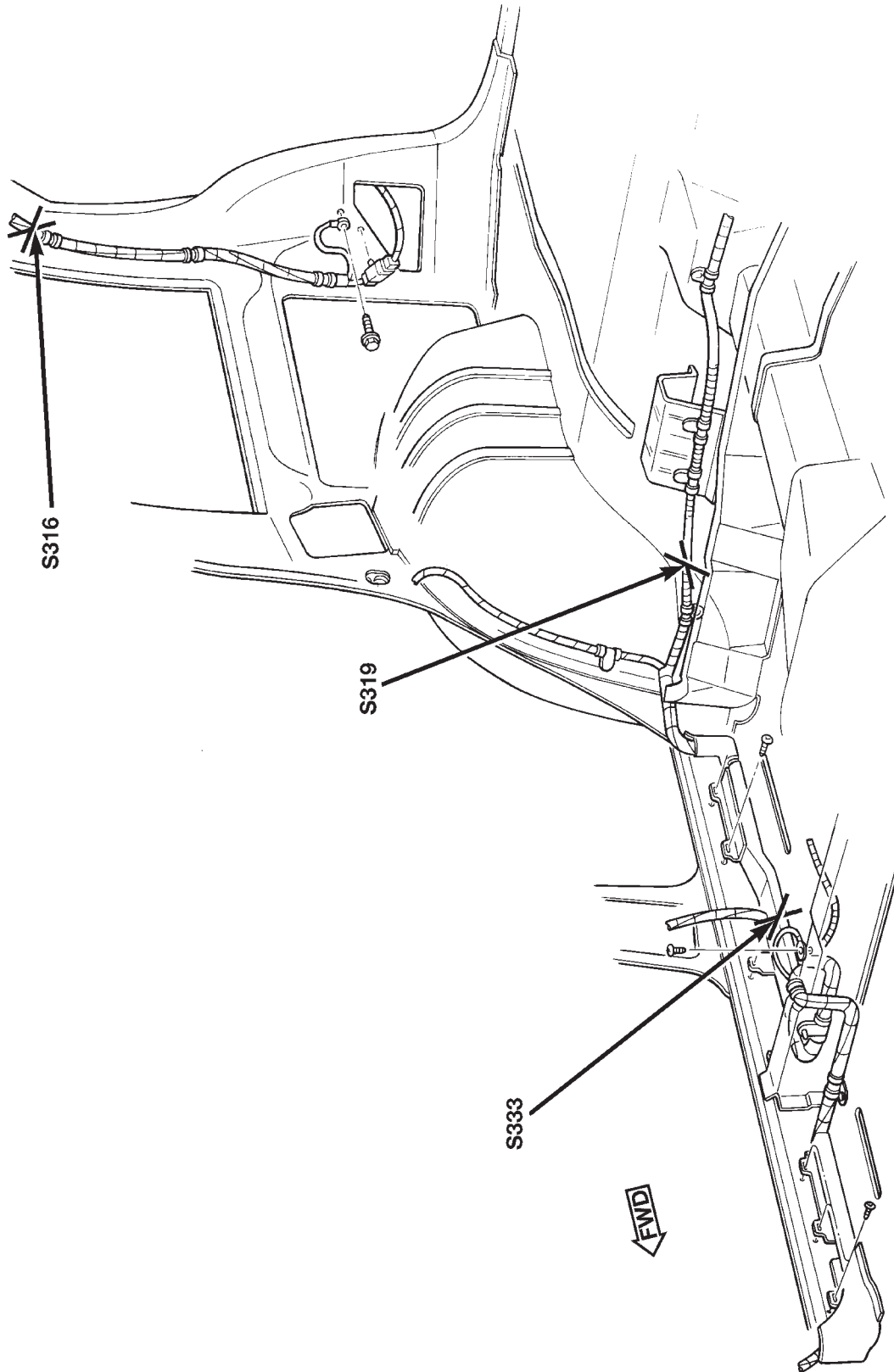


Fig. 9 Right Side Body Wiring Splices—LHD

DESCRIPTION AND OPERATION (Continued)

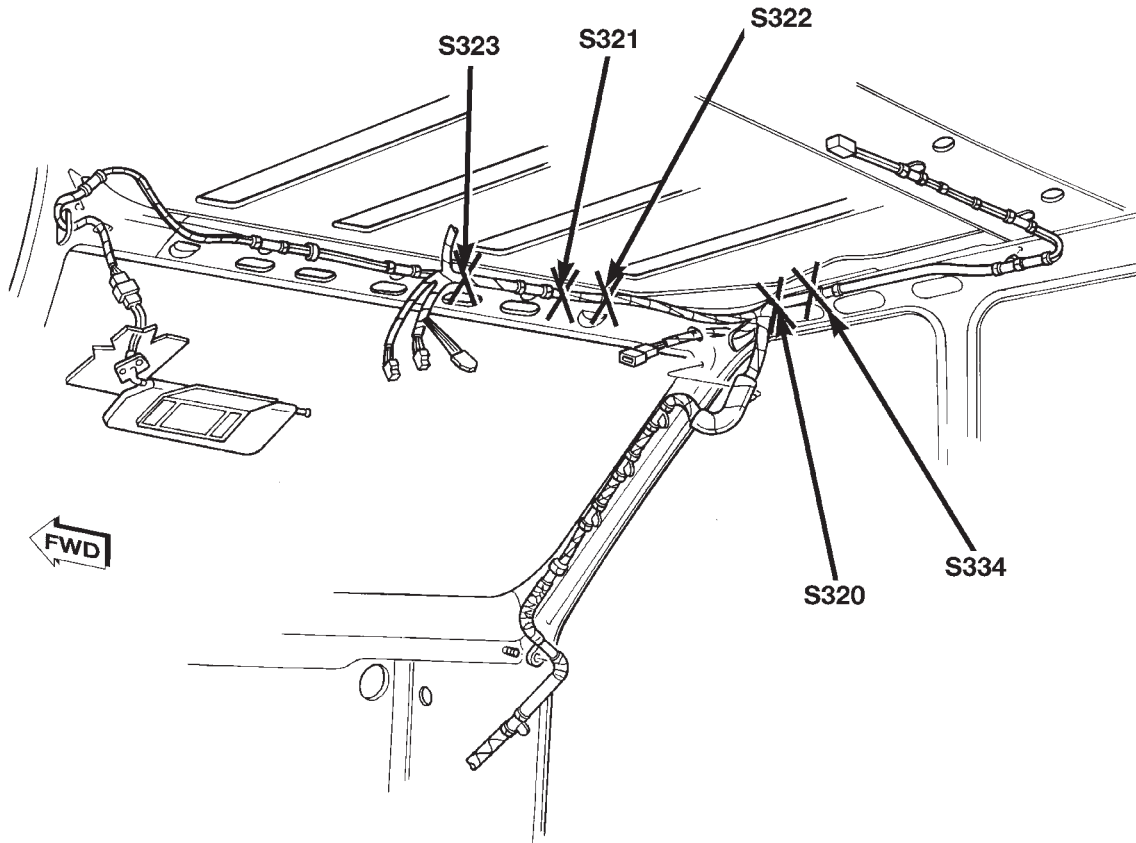


Fig. 10 Roof Wiring Splices—LHD

80500593

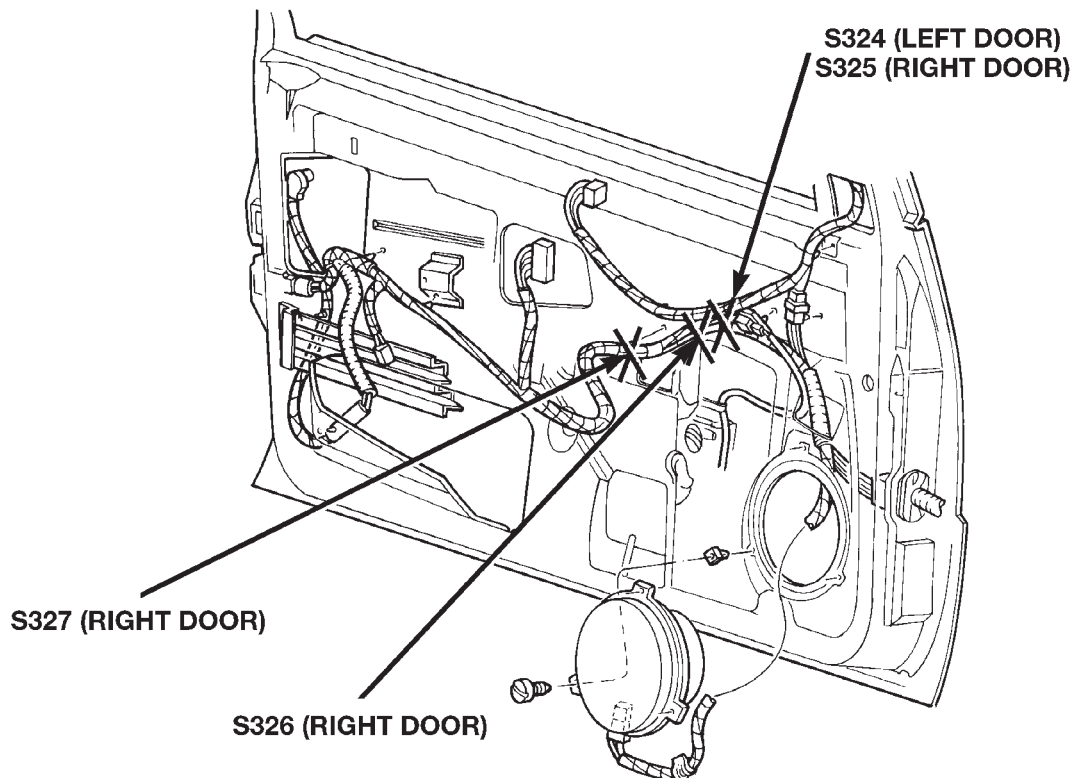


Fig. 11 Front Door Harness Splices—LHD

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DESCRIPTION AND OPERATION (Continued)

80516501

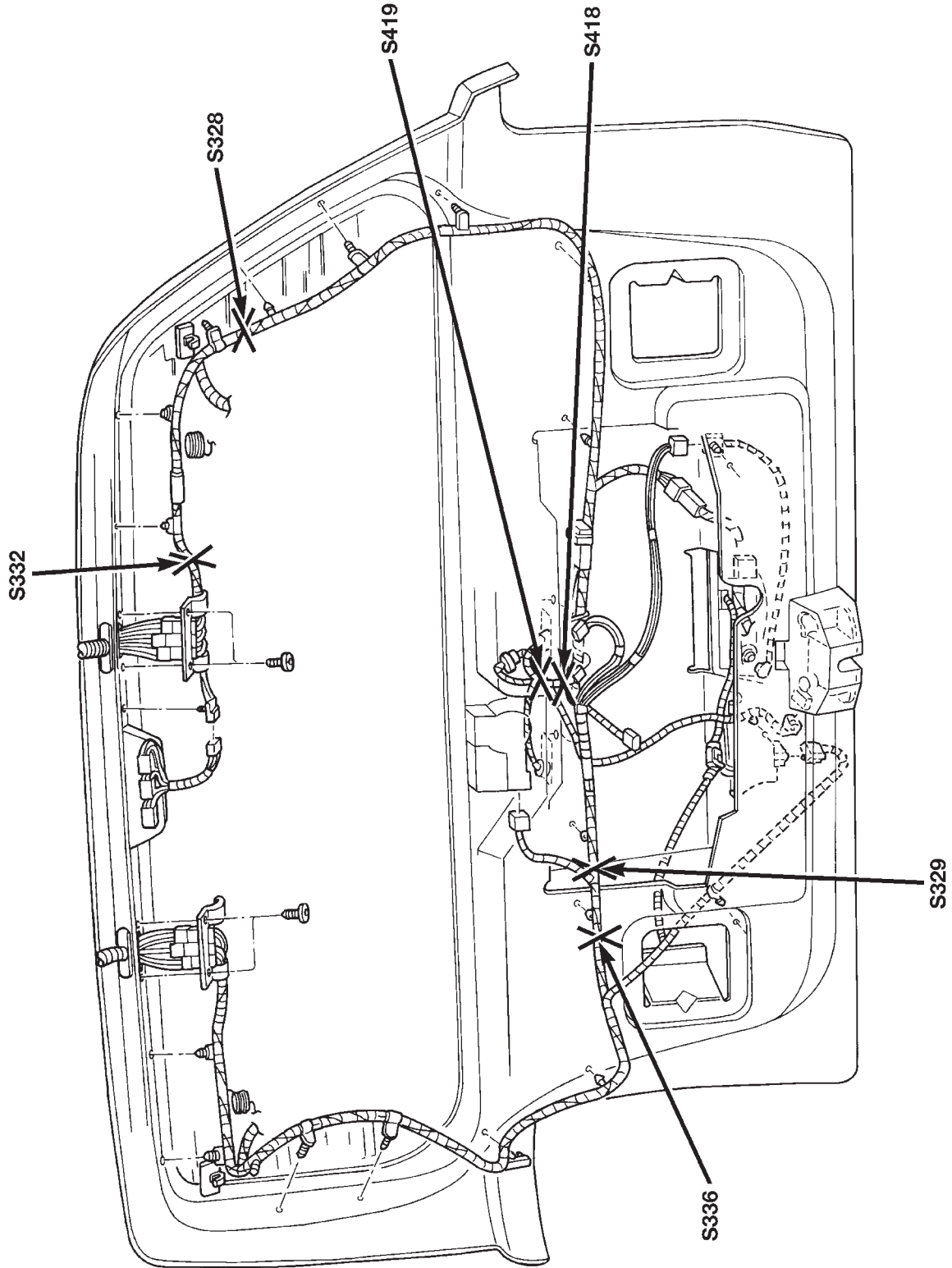


Fig. 12 Liftgate Splices—LHD

## DESCRIPTION AND OPERATION (Continued)

## SPLICE LOCATIONS (RHD)

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

Splice Number	Location	Fig.
S100	Near Power Distribution Center	1
S101	Near Engine Harness T/O	1
S102	Near Battery Temperature Sensor T/O	1
S103	Near Battery Temperature Sensor T/O (4.0L) Near Body Ground (Diesel)	1
S104	Right Front Corner of Engine Compartment	1
S105	Right Front Corner of Engine Compartment	1
S106	Right Front Corner of Engine Compartment	1
S107	Left Front Corner of Engine Compartment	1
S108	Left Front Corner of Engine Compartment	1
S109	Near A/C Low Pressure T/O	1
S110	Near ABS Controller T/O	1
S111	Near ABS Controller T/O	1
S112	Near ABS Controller T/O	1
S113	Near ABS Controller T/O	1
S114	Near ABS Controller T/O	1
S115	Near ABS Controller T/O	1
S119	Near Low Washer Fluid Level Sensor T/O	1
S120	Near T/O to Low Washer Fluid Level Sensor	1
S121	Near T/O to Low Washer Fluid Level Sensor	1
S122	Near Vehicle Speed Control Servo T/O (4.0L) Near Washer Reservoir (Diesel)	1
S124	Near Washer Reservoir	1
S125	Near Controller, Antilock Brakes	5
S126	Near PDC T/O	3
S127	Near Injector No. 3 T/O (4.0L Engine)	2
S128	Near T/Os for A/C Compressor	4
S129	Rear of Engine (4.0L Engine)	2

Splice Number	Location	Fig.
S129	Rear of Engine (Diesel Engine)	4
S130	Rear of Engine (4.0L Engine)	2
S130	Near Crankshaft Position Sensor T/O (Diesel Engine)	3
S131	In Branch to PCM(4.0L Engine)	2
S132	Near Branch to Transmission (4.0L Engine)	2
S133	In Branch to Oil Pressure Sensor and Crankshaft Position Sensor (4.0L Engine)	2
S134	Near Branch to Powertrain Control Module (4.0L Engine)	2
S134	Near Crankshaft Position Sensor T/O (Diesel Engine)	3
S135	Near Branch to PCM (4.0L Engine)	2
S136	Near Crankshaft Position Sensor T/O (Diesel Engine)	3
S137	Near PDC	N/S
S138	Near Crankshaft Position Sensor T/O (Diesel Engine)	3
S140	Rear of Engine (Diesel Engine)	3
S141	Rear of Engine (Diesel Engine)	3
S142	Rear of Engine(Diesel)	N/S
S150	Near G110 T/O	N/S
S152	Near Data Link Connector T/O	N/S
S153	Near G110 T/O	N/S
S154	Near G110 T/O	N/S
S171	Near Crankshaft Position Sensor	3
S173	Near Body Grounds G106 and G107	1
S174	Near Body Grounds G106 and G107	1
S175	Near Engine Harness T/O	1
S176	Near Engine Harness T/O	1
S177	Near Engine Harness T/O	1
S178	Near ABS Controller T/O	1
S179	Near ABS Controller T/O	1
S180	Left Rear of Engine Compartment	N/S

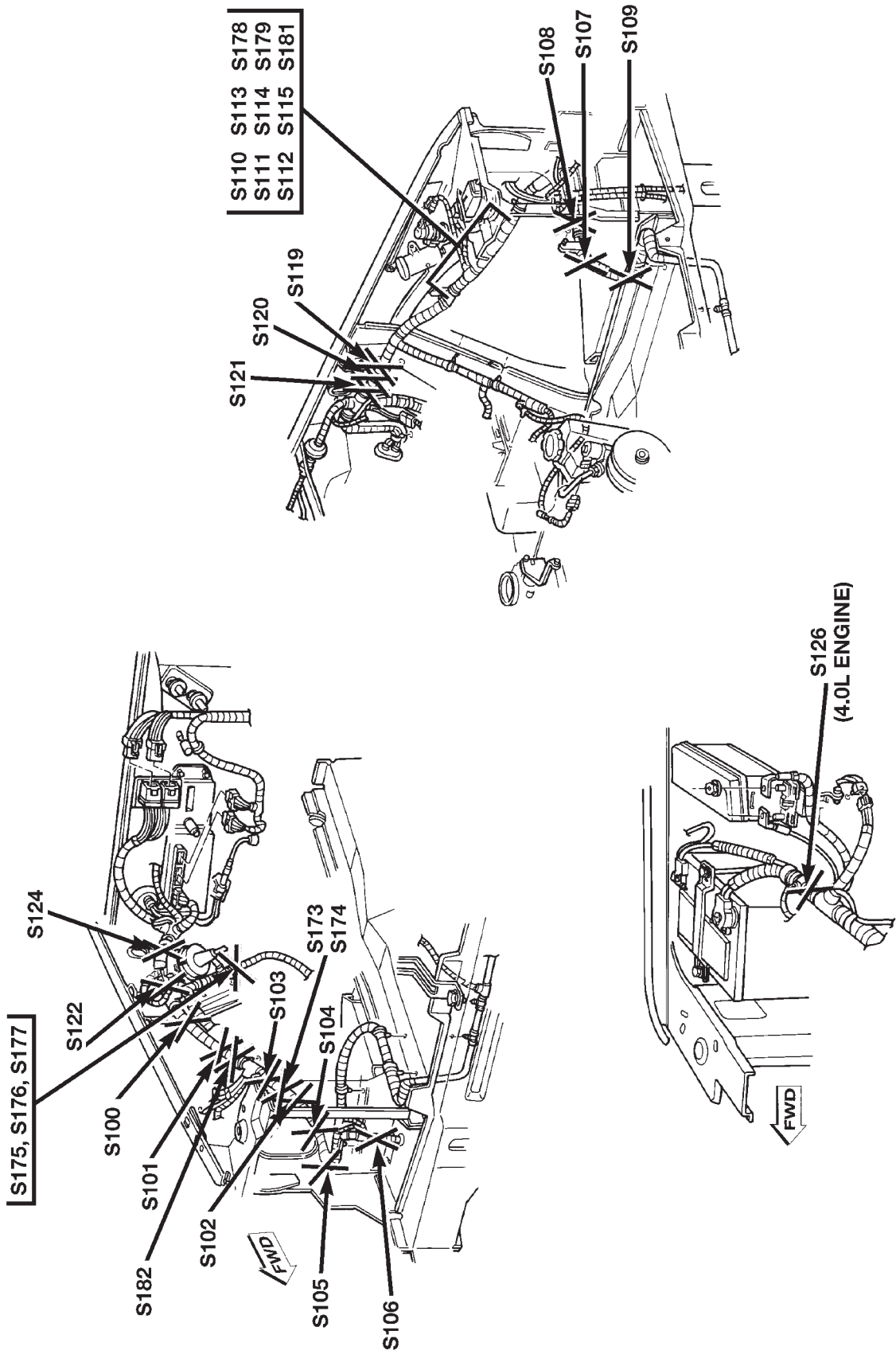
DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S181	Near ABS Controller T/O	1	S315	Top of Left Rear Quarter Panel	7
S182	Near Engine Harness T/O	1	S316	Near Right Side T/O for Liftgate	8
S183	Near G110 T/O	N/S	S317	In Branch to Power Amplifier	7
S201	Near Headlamp Switch T/O	4	S318	In Branch to Power Amplifier	7
S202	Near Stop Lamp Switch T/O	4	S319	Near Branch to Right Rear Door Ajar Switch	8
S203	Near Stop Lamp Switch T/O	4	S320	In Branch to Dome/Reading Lamp	9
S204	Near Branch to Instrument Cluster	4	S321	Between Day/Night Mirror T/O and Right Vanity Mirror T/O	9
S205	Near Branch to Instrument Cluster	4	S322	Between Day/Night Mirror T/O and Right Vanity Mirror T/O	9
S206	Near Branch to Rear Window Defogger Switch	4	S323	Near Day/Night Mirror T/O	9
S207	Near Shift Interlock T/O	4	S324	In Left Front Door, Between Power Window Motor T/O and Power Mirror T/O	10
S209	Near Branch to Shift Interlock T/O	4	S325	In Right Front Door, Near Power Window Motor T/O	10
S210	Near Transfer Case Illumination Lamp T/O	4	S326	In Right Front Door, Near Power Window Motor T/O	10
S211	Near Branch to Graphic Display Module/Vehicle Information Center	4	S327	In Right Front Door, Near Power Window Motor T/O	10
S212	Near Stoplamp T/O	4	S328	In Liftgate, Near Rear Window Defogger T/O	11
S214	Near Passenger Airbag T/O	4	S329	In Liftgate, Near Rear Wiper Motor T/O	11
S215	Left Side of Steering Column	4	S330	In Factory Trailer Tow Harness, Near Body Harness Connector	7
S216	Near Passenger Airbag T/O	4	S331	In Aftermarket Trailer Tow Harness	N/S
S218	Near Passenger Airbag T/O	4	S332	In Liftgate, Near Left Body Connectors	11
S219	Near Branch to Graphic Display Module/Vehicle Information Center	4	S333	Near T/O to Right Power Seat	8
S220	Near Passenger Airbag T/O	4	S334	In Branch to Dome Reading Lamp	9
S221	On HVAC Harness	6	S335	In Branch to Power Amplifier	7
S222	On HVAC Harness	6	S336	In Liftgate, Between Rear Wiper Motor T/O and Liftgate Lock Motor T/O	11
S223	On HVAC Harness	6	S340	In Aftermarket Trailer Tow Harness	N/S
S226	On HVAC Harness	6	S341	Near Body Harness Connector	N/S
S300	Near Left Kick Panel	5	S342	Near Body Harness Connector	N/S
S301	Near Left Kick Panel	5	S343	Near Body Harness Connector	N/S
S302	Near Left Kick Panel	5	S400	In Right Power Seat Harness, Near Lumbar Motor T/O	N/S
S303	Near Branch to Floor Console	7	S401	In Right Power Seat Harness, Near Riser Motor Sensor T/O	N/S
S304	Near Power Amp T/O	8			
S305	Near Branch to Left Rear Door	7			
S306	Near Branch to Left Rear Door	7			
S307	Near Branch to Left Rear Door	7			
S308	Near Branch to Power Amplifier	7			
S309	In Branch to Power Amplifier	7			
S310	Near Branch to Power Amplifier	7			
S311	Left Rear Quarter Panel	7			
S312	Left Rear Quarter Panel	7			
S314	Top of Left Rear Quarter Panel	7			

## DESCRIPTION AND OPERATION (Continued)

Splice Number	Location	Fig.	Splice Number	Location	Fig.
S402	In Right Power Seat Harness, Between Riser Motor Sensor T/O and Heated Seat Module T/O	N/S	S416	In Left Tail Lamp Harness, Between Body Connector and Grommet	N/S
S403	In Right Power Seat Harness, Near Seat Switch T/O	N/S	S417	In Right Tail Lamp Harness, Between Body Connector and Grommet	N/S
S404	In Left Power Seat Harness, Near Seat Motor T/Os	N/S	S418	In License Plate Lamp Harness	11
S405	In Left Power Seat Harness, Near Seat Motor T/Os	N/S	S419	In License Lamp Harness	11
S406	In Left Power Seat Harness, In Branch to Seat Switch	N/S	S421	Fuse Link at PDC	N/S
S407	In Right Power Seat Harness, Near Lumbar Motor T/O	N/S	S430	Behind Drivers Airbag	N/S
S414	Near Left Front Turn Signal Bulb Socket	N/S	S431	Behind Drivers Airbag	N/S
S415	Near Right Front Park Lamp Bulb Socket	N/S	S432	Behind Drivers Airbag	N/S
			S433	Behind Drivers Airbag	N/S

DESCRIPTION AND OPERATION (Continued)



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Fig. 1 Engine Compartment Splices—RHD

DESCRIPTION AND OPERATION (Continued)

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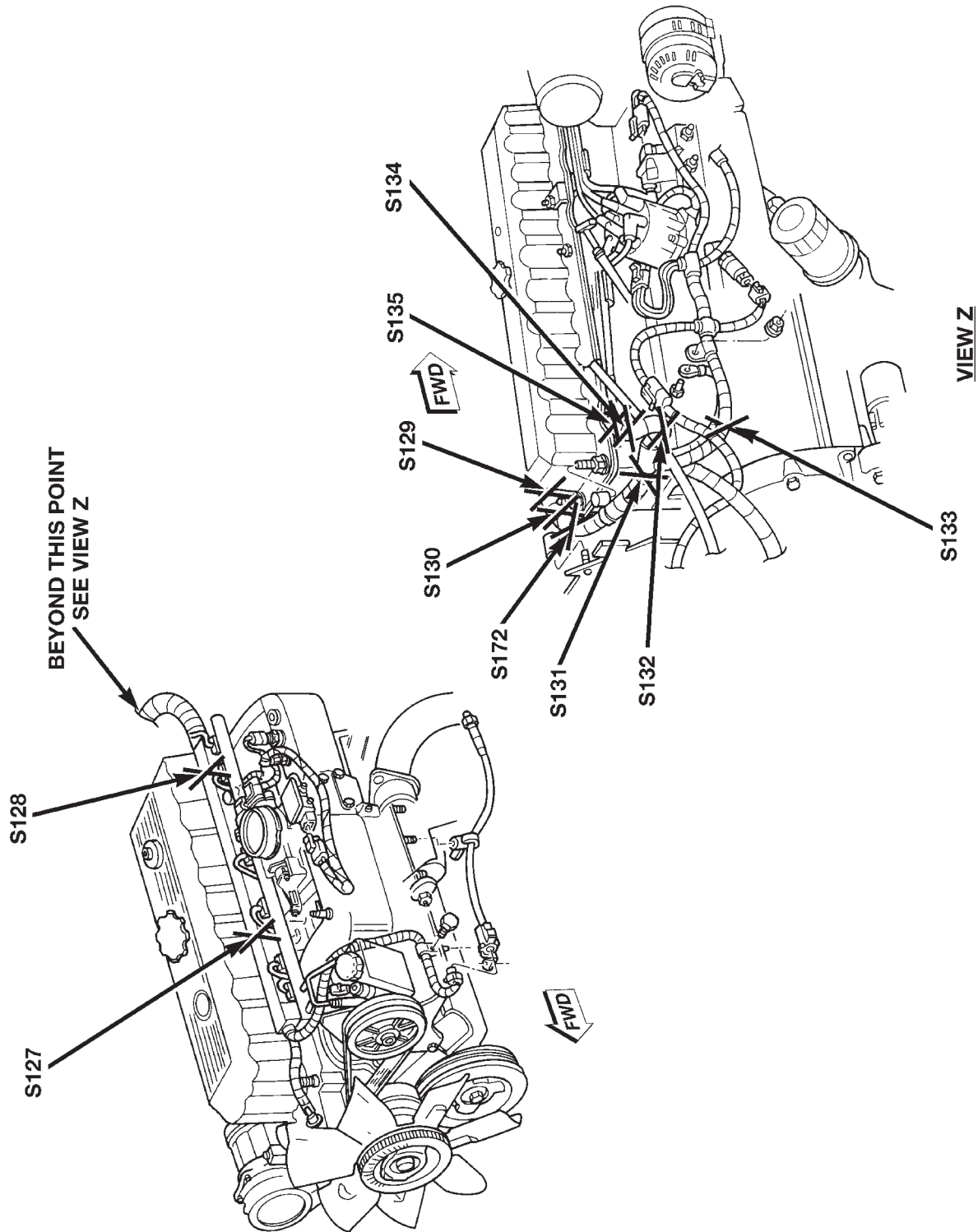


Fig. 2 Engine Wiring Splices—4.0L Engine, RHD



DESCRIPTION AND OPERATION (Continued)

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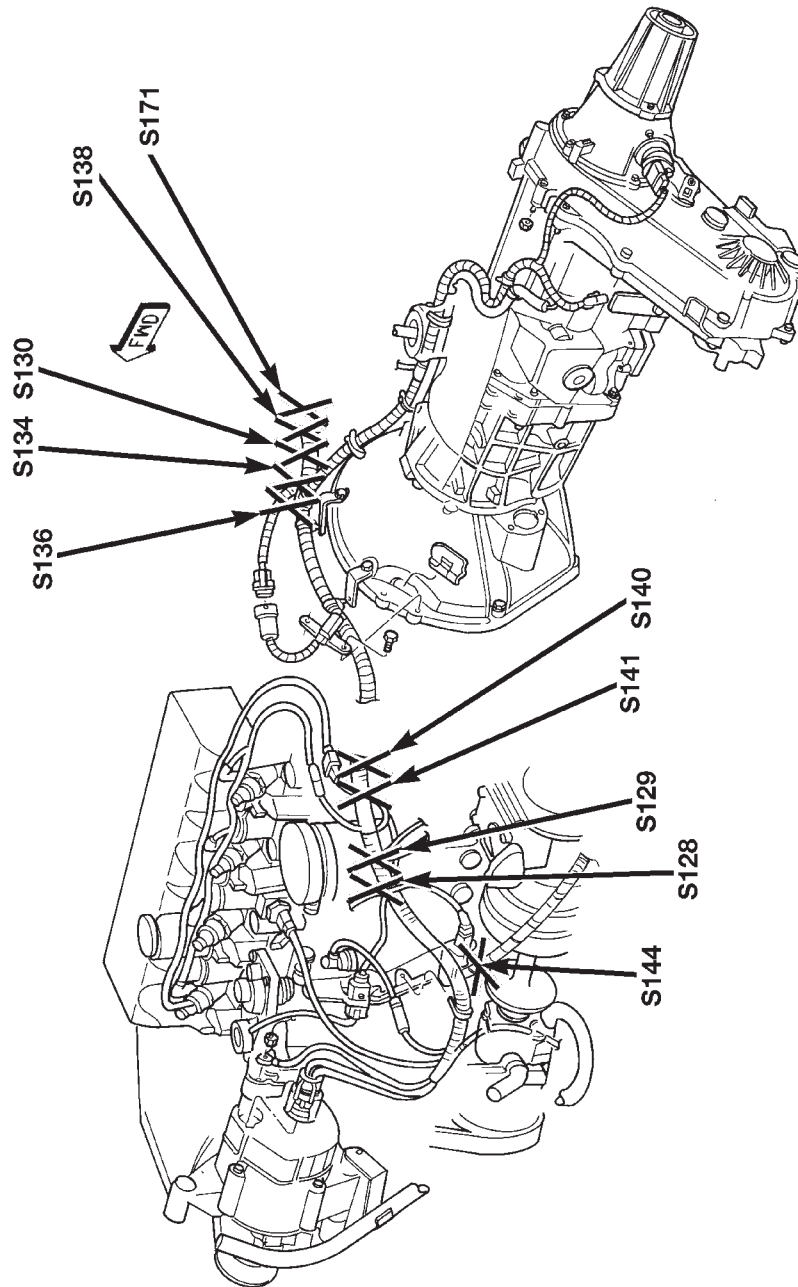
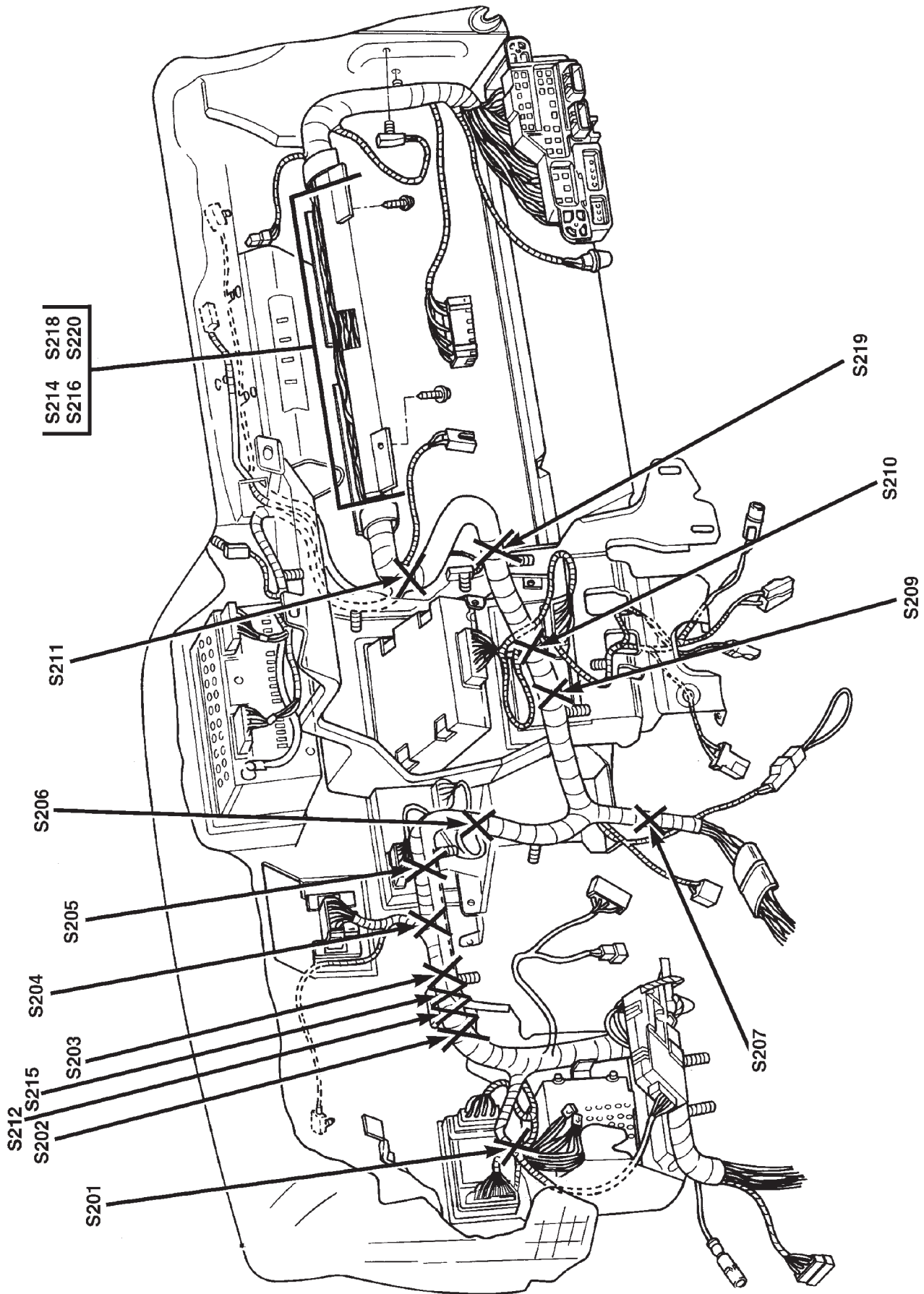


Fig. 3 Engine and Transmission Wiring Splices—Diesel Engine, RHD

DESCRIPTION AND OPERATION (Continued)



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Fig. 4 Instrument Panel Splices—RHD

DESCRIPTION AND OPERATION (Continued)

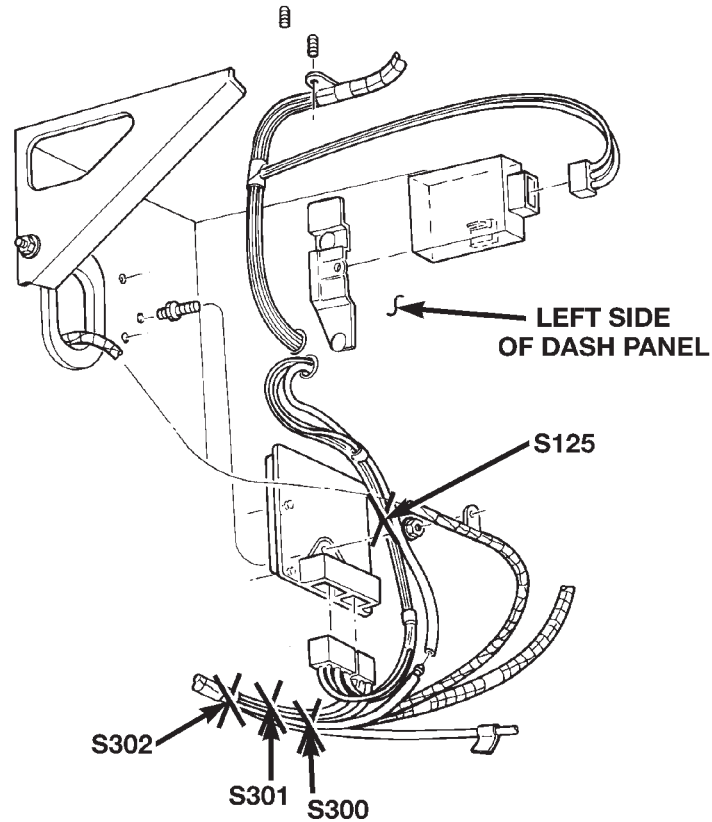


Fig. 5 Body Splices—RHD

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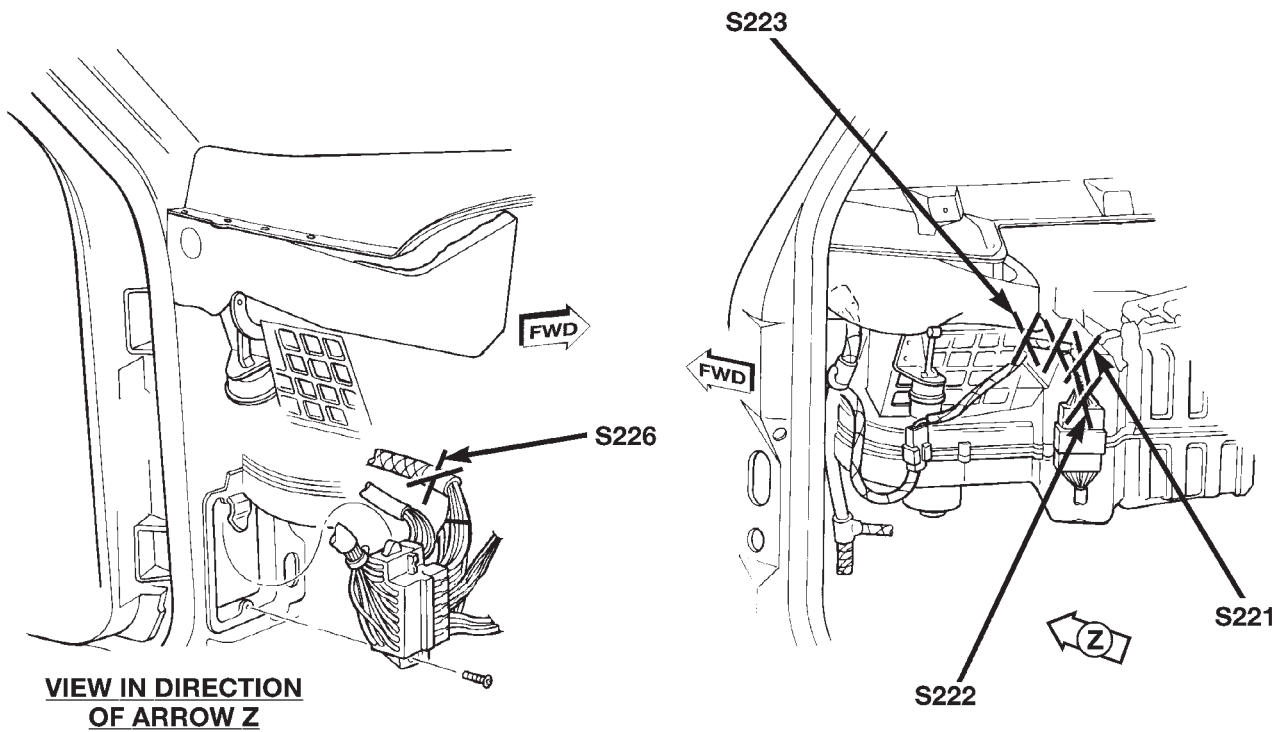


Fig. 6 HVAC Harness Splices—RHD

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DESCRIPTION AND OPERATION (Continued)

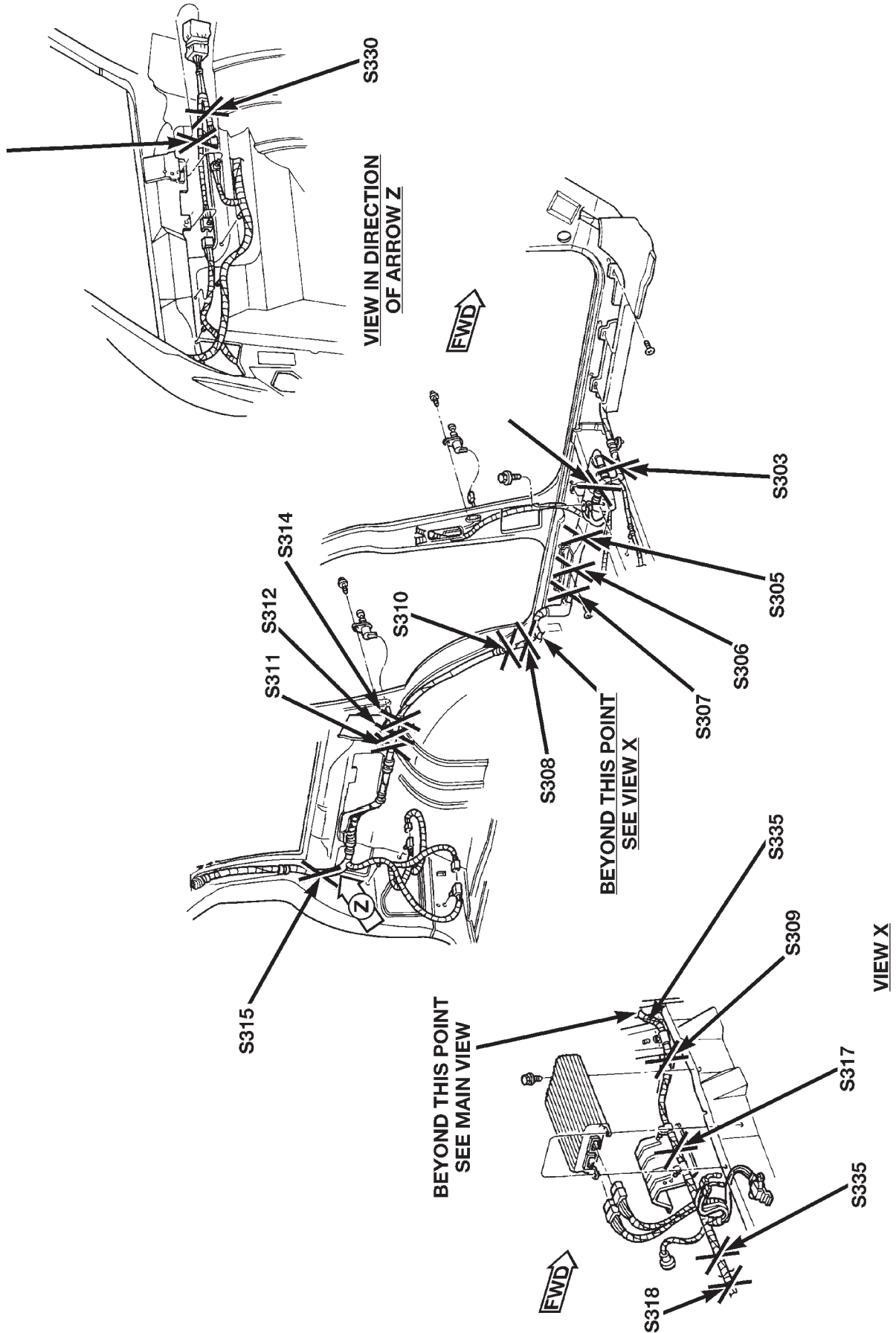


Fig. 7 Left Body Side Wiring Splices—RHD

DESCRIPTION AND OPERATION (Continued)

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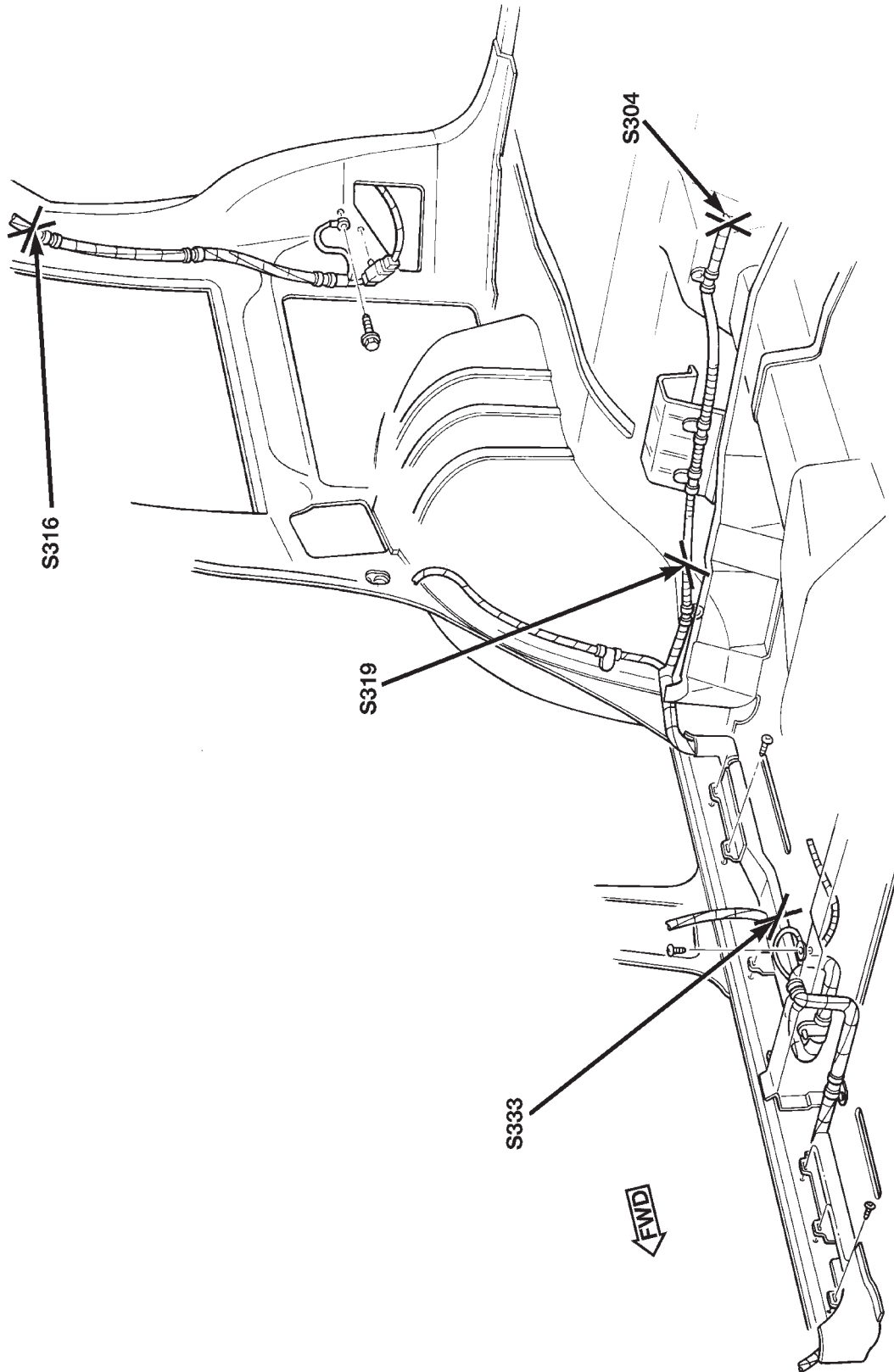
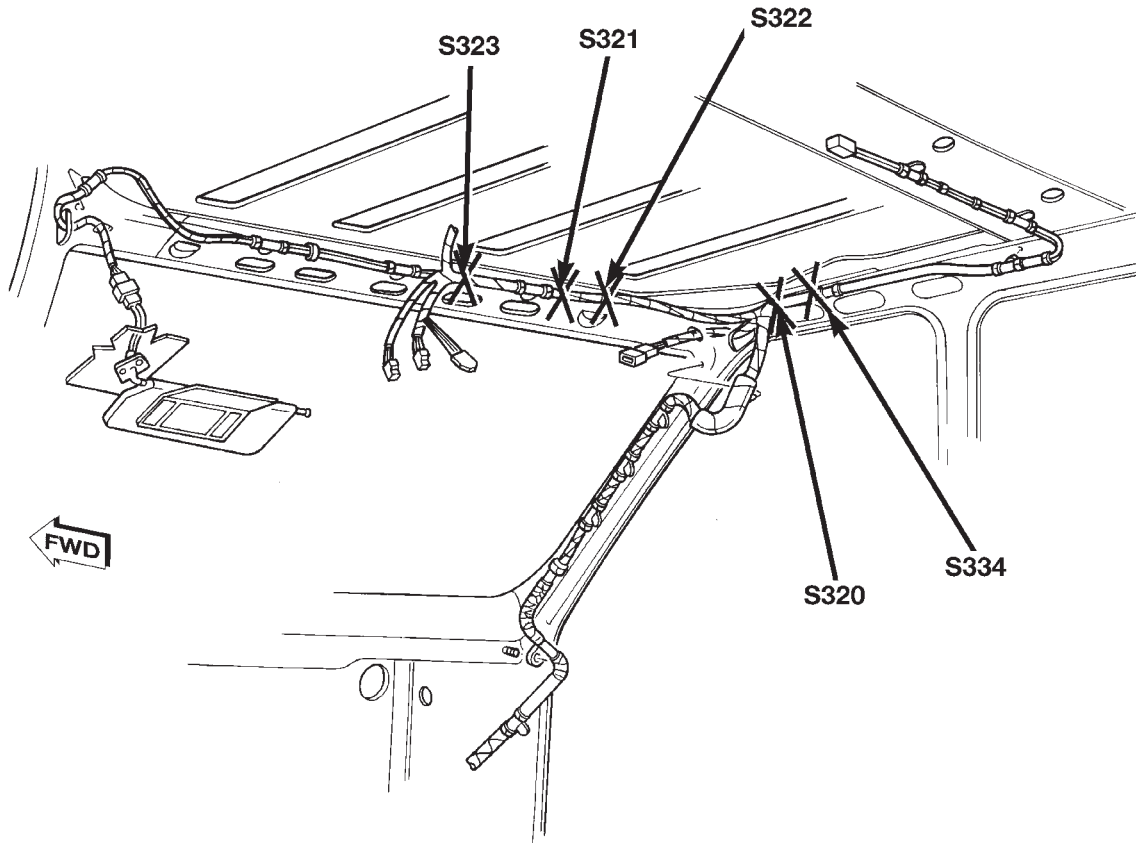


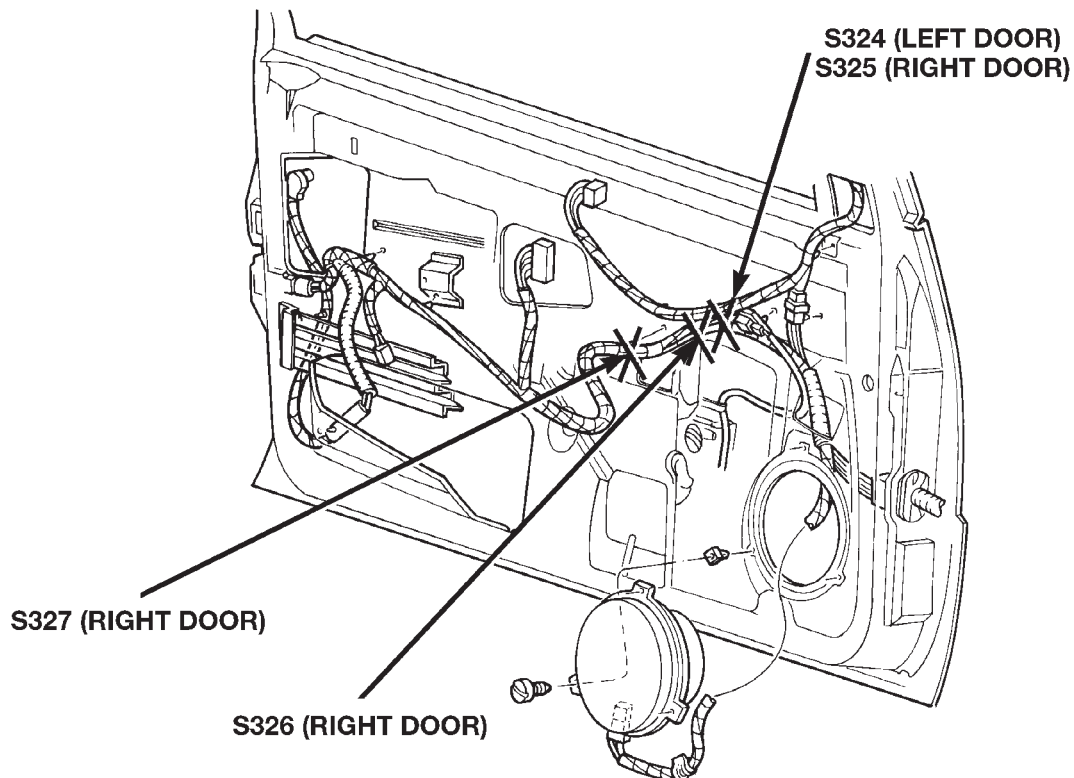
Fig. 8 Right Side Body Wiring Splices—RHD

DESCRIPTION AND OPERATION (Continued)



**Fig. 9 Roof Wiring Splices—RHD**

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**Fig. 10 Front Door Harness Splices—RHD**

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DESCRIPTION AND OPERATION (Continued)

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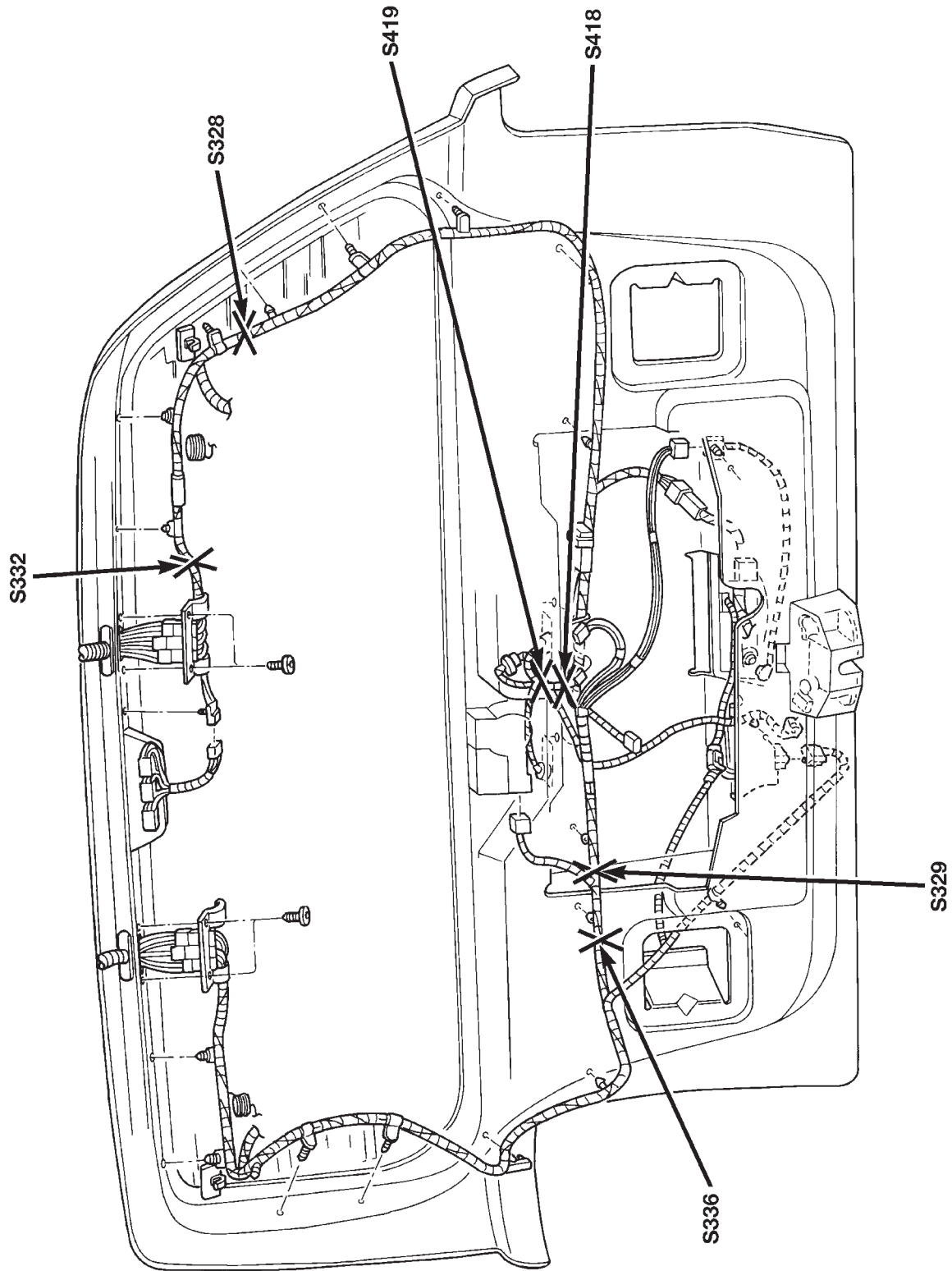


Fig. 11 Liftgate Splices—RHD

