WIRING

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8W-01 WIRING DIAGRAM INFORMATION

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WIRING DIAGRAM INFORMATION

DESCRIPTION

DESCRIPTION - HOW TO USE WIRING DIAGRAMS

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

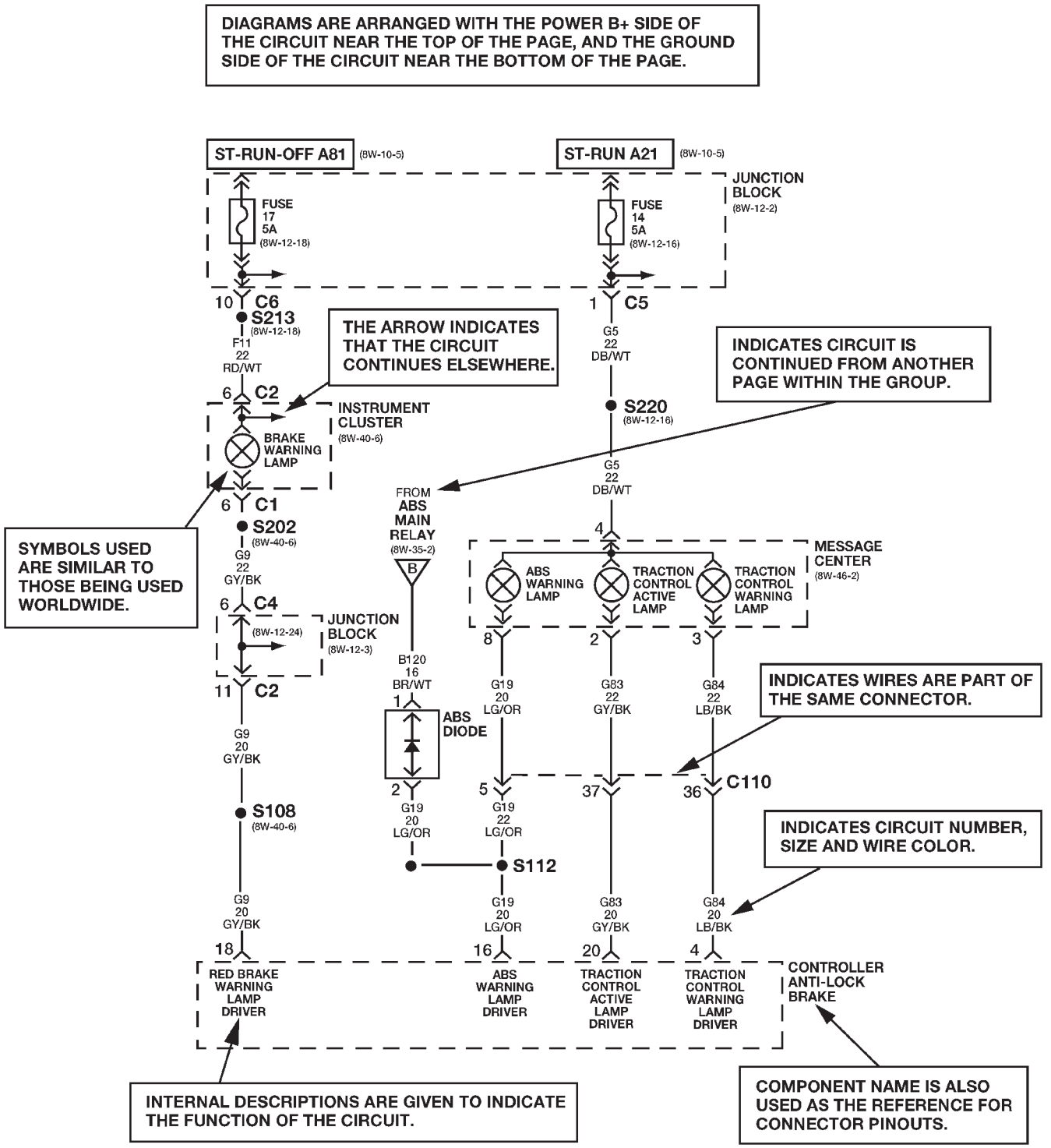
Diagrams are arranged such that the power (B+) side of the circuit is placed near the top of the page, and the ground (B-) side of the circuit is placed near the bottom of the page (Fig. 1).

All switches, components, and modules are shown in the at rest position with the doors closed and the key removed from the ignition (Fig. 2).

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

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

WIRING DIAGRAM INFORMATION (Continued)

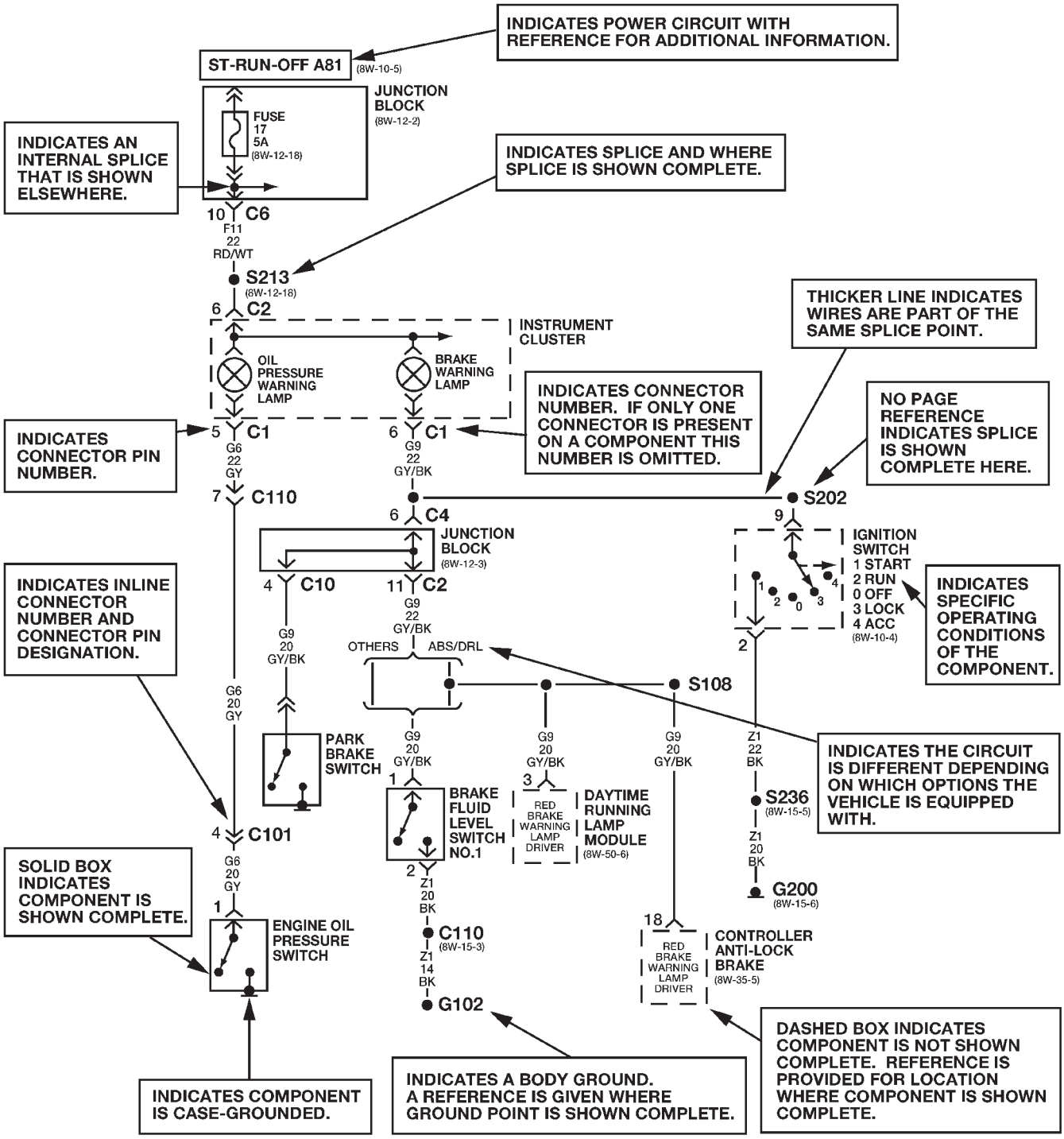


The System shown here is an EXAMPLE ONLY. It does not represent the actual circuit shown in the WIRING DIAGRAM SECTION.

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Fig. 1 WIRING DIAGRAM EXAMPLE 1

WIRING DIAGRAM INFORMATION (Continued)



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

80c06d02

Fig. 2 WIRING DIAGRAM EXAMPLE 2

WIRING DIAGRAM INFORMATION (Continued)

SYMBOLS

International symbols are used throughout the wiring diagrams. These symbols are consistent with those being used around the world (Fig. 3).

TERMINOLOGY

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

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

DESCRIPTION - CIRCUIT INFORMATION

Each wire shown in the diagrams contains a code which identifies the main circuit, part of the main circuit, gage of wire, and color (Fig. 4).

WIRE COLOR CODE CHART

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

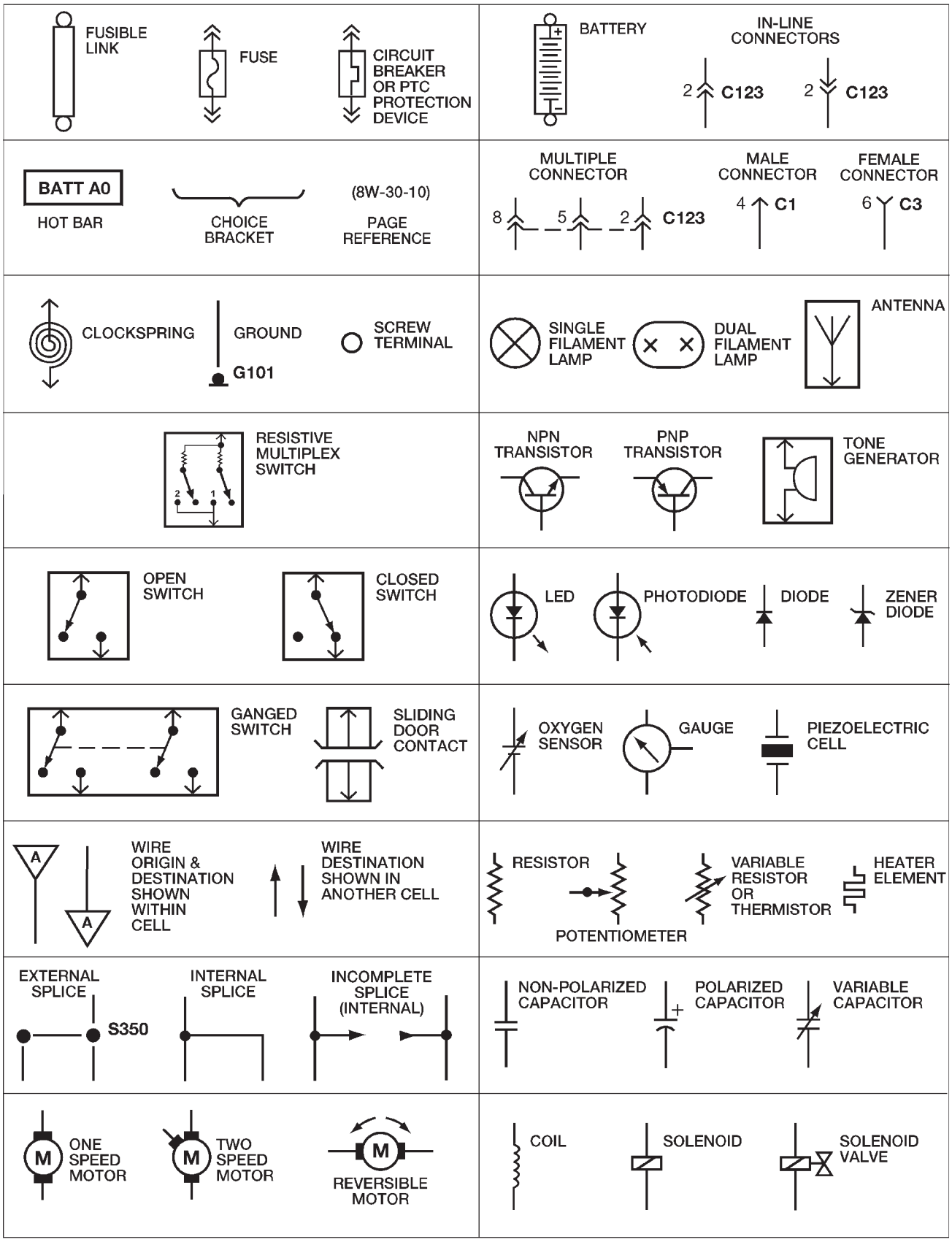
DESCRIPTION - CIRCUIT FUNCTIONS

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

CIRCUIT IDENTIFICATION CODE CHART

CIRCUIT	FUNCTION
A	BATTERY FEED
B	BRAKE CONTROLS
C	CLIMATE CONTROLS
D	DIAGNOSTIC CIRCUITS
E	DIMMING ILLUMINATION CIRCUITS
F	FUSED CIRCUITS
G	MONITORING CIRCUITS (GAUGES)
H	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	GROUNDS

WIRING DIAGRAM INFORMATION (Continued)



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Fig. 3 WIRING DIAGRAM SYMBOLS

WIRING DIAGRAM INFORMATION (Continued)

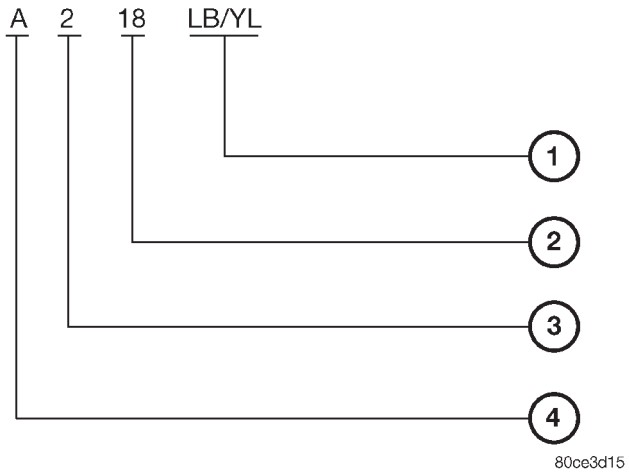


Fig. 4 WIRE CODE IDENTIFICATION

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

DESCRIPTION - SECTION IDENTIFICATION AND INFORMATION

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

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

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

WIRING SECTION CHART

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-91	Connector, Ground and Splice Locations

DESCRIPTION - CONNECTOR, GROUND AND SPLICE INFORMATION

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

IDENTIFICATION

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

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

LOCATIONS

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

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

WIRING DIAGRAM INFORMATION (Continued)

WARNINGS - GENERAL

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

WARNING:: ALWAYS WEAR SAFETY GLASSES FOR EYE PROTECTION.

WARNING: USE SAFETY STANDS ANYTIME A PROCEDURE REQUIRES BEING UNDER A VEHICLE.

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

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

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

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

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

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

WARNING: ALWAYS REMOVE RINGS, WATCHES, LOOSE HANGING JEWELRY AND AVOID LOOSE CLOTHING.

DIAGNOSIS AND TESTING - WIRING HARNESS

TROUBLESHOOTING TOOLS

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

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

WARNING: NEVER USE A JUMPER WIRE ACROSS A LOAD, SUCH AS A MOTOR, CONNECTED BETWEEN A BATTERY FEED AND GROUND.

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

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

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

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

- Probing Tools - These tools are used for probing terminals in connectors (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.

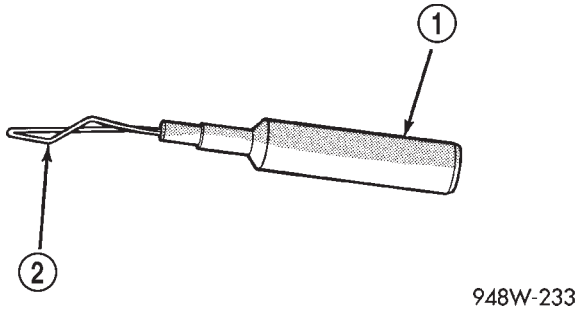


Fig. 5 PROBING TOOL

1 - SPECIAL TOOL 6801
2 - PROBING END

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

WIRING DIAGRAM INFORMATION (Continued)

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

TROUBLESHOOTING WIRING PROBLEMS

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

(1) Verify the problem.

(2) Verify any related symptoms. Do this by performing operational checks on components that are in the same circuit. Refer to the wiring diagrams.

(3) Analyze the symptoms. Use the wiring diagrams to determine what the circuit is doing, where the problem most likely is occurring and where the diagnosis will continue.

(4) Isolate the problem area.

(5) Repair the problem area.

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

STANDARD PROCEDURE

STANDARD PROCEDURE - ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES

All ESD sensitive components are solid state and a symbol (Fig. 6) is used to indicate this. When handling any component with this symbol, comply with the following procedures to reduce the possibility of electrostatic charge build up on the body and inadvertent discharge into the component. If it is not known whether the part is ESD sensitive, assume that it is.

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

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

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

(4) Do not remove the part form it's protective packing until it is time to install the part.

(5) Before removing the part from it's pakage, ground the pakage to a known good ground on the vehicle.

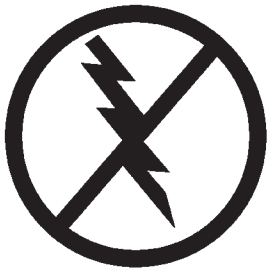


Fig. 6 ELECTROSTATIC DISCHARGE SYMBOL

STANDARD PROCEDURE - TESTING OF VOLTAGE POTENTIAL

(1) Connect the ground lead of a voltmeter to a known good ground (Fig. 7).

(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.

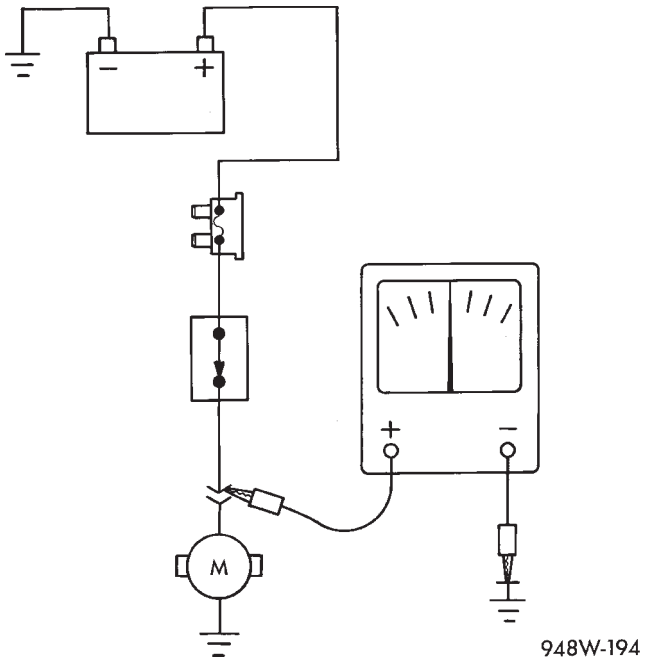


Fig. 7 TESTING FOR VOLTAGE POTENTIAL

WIRING DIAGRAM INFORMATION (Continued)

STANDARD PROCEDURE - TESTING FOR CONTINUITY

(1) Remove the fuse for the circuit being checked or, disconnect the battery.

(2) Connect one lead of the ohmmeter to one side of the circuit being tested (Fig. 8).

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

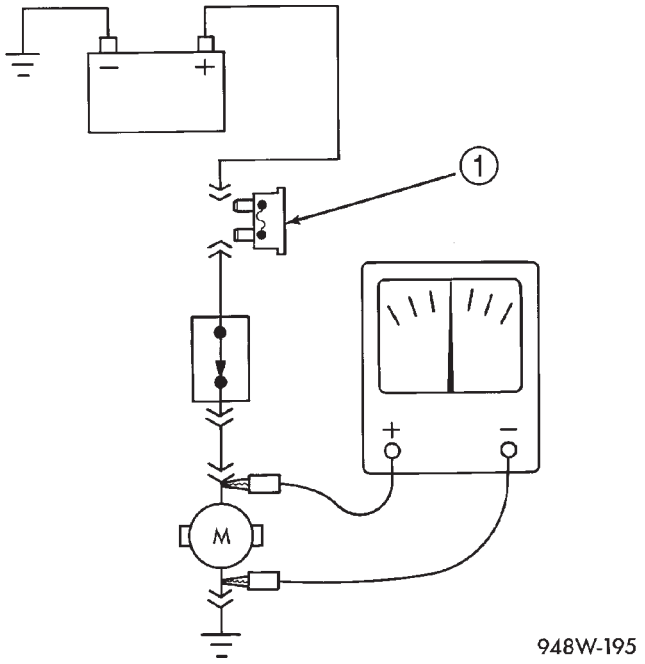


Fig. 8 TESTING FOR CONTINUITY

1 - FUSE REMOVED FROM CIRCUIT

STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND

(1) Remove the fuse and disconnect all items involved with the fuse.

(2) Connect a test light or a voltmeter across the terminals of the fuse.

(3) Starting at the fuse block, wiggle the wiring harness about six to eight inches apart and watch the voltmeter/test lamp.

(4) If the voltmeter registers voltage or the test lamp glows, there is a short to ground in that general area of the wiring harness.

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

(1) Refer to the wiring diagrams and disconnect or isolate all items on the suspected fused circuits.

(2) Replace the blown fuse.

(3) Supply power to the fuse by turning ON the ignition switch or re-connecting the battery.

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

STANDARD PROCEDURE - TESTING FOR A VOLTAGE DROP

(1) Connect the positive lead of the voltmeter to the side of the circuit closest to the battery (Fig. 9).

(2) Connect the other lead of the voltmeter to the other side of the switch, component or circuit.

(3) Operate the item.

(4) The voltmeter will show the difference in voltage between the two points.

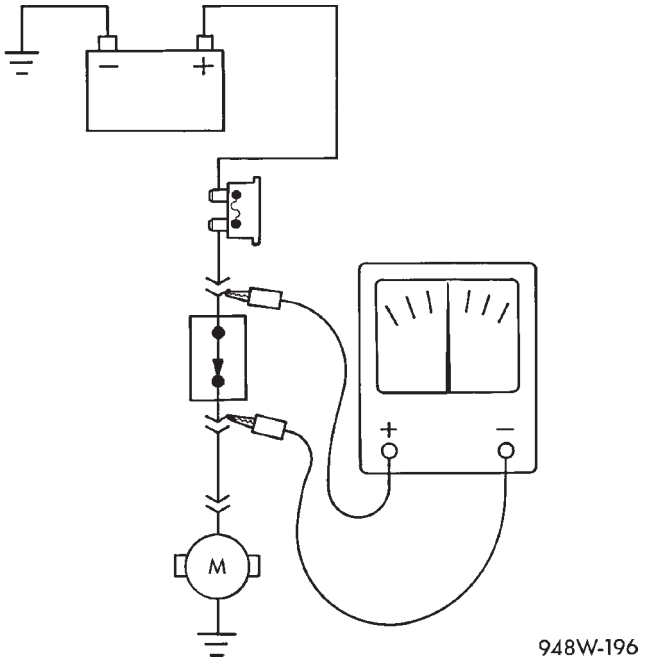
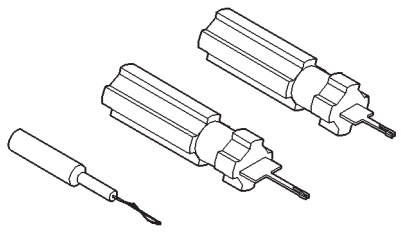


Fig. 9 TESTING FOR VOLTAGE DROP

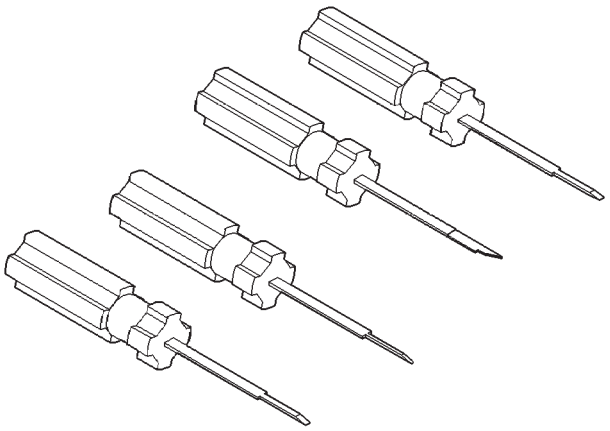
SPECIAL TOOLS

WIRING/TERMINAL

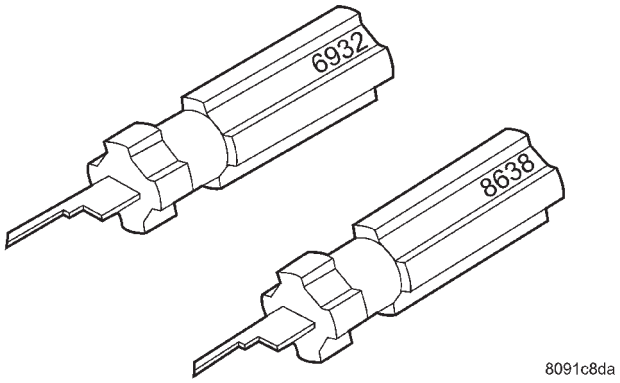


PROBING TOOL PACKAGE 6807

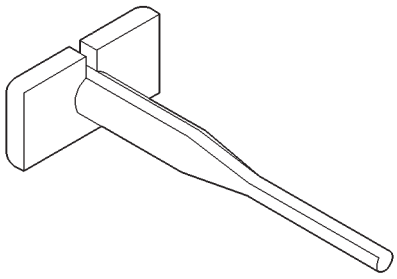
WIRING DIAGRAM INFORMATION (Continued)



TERMINAL PICK TOOL SET 6680



TERMINAL REMOVING TOOLS 6932 AND 8638



TERMINAL REMOVING TOOL 6934

CONNECTOR

REMOVAL

(1) Disconnect battery.
(2) Release Connector Lock (Fig. 10).
(3) Disconnect the connector being repaired from its mating half/component.
(4) Remove the dress cover (if applicable) (Fig. 10).

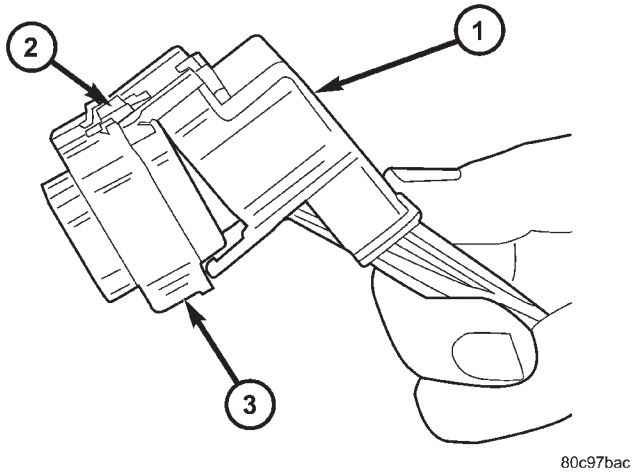


Fig. 10 REMOVAL OF DRESS COVER

1 - DRESS COVER
2 - CONNECTOR LOCK
3 - CONNECTOR

(5) Release the Secondary Terminal Lock, if required (Fig. 11).
(6) Position the connector locking finger away from the terminal using the proper special tool. Pull on the wire to remove the terminal from the connector (Fig. 12).

INSTALLATION

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

CONNECTOR (Continued)

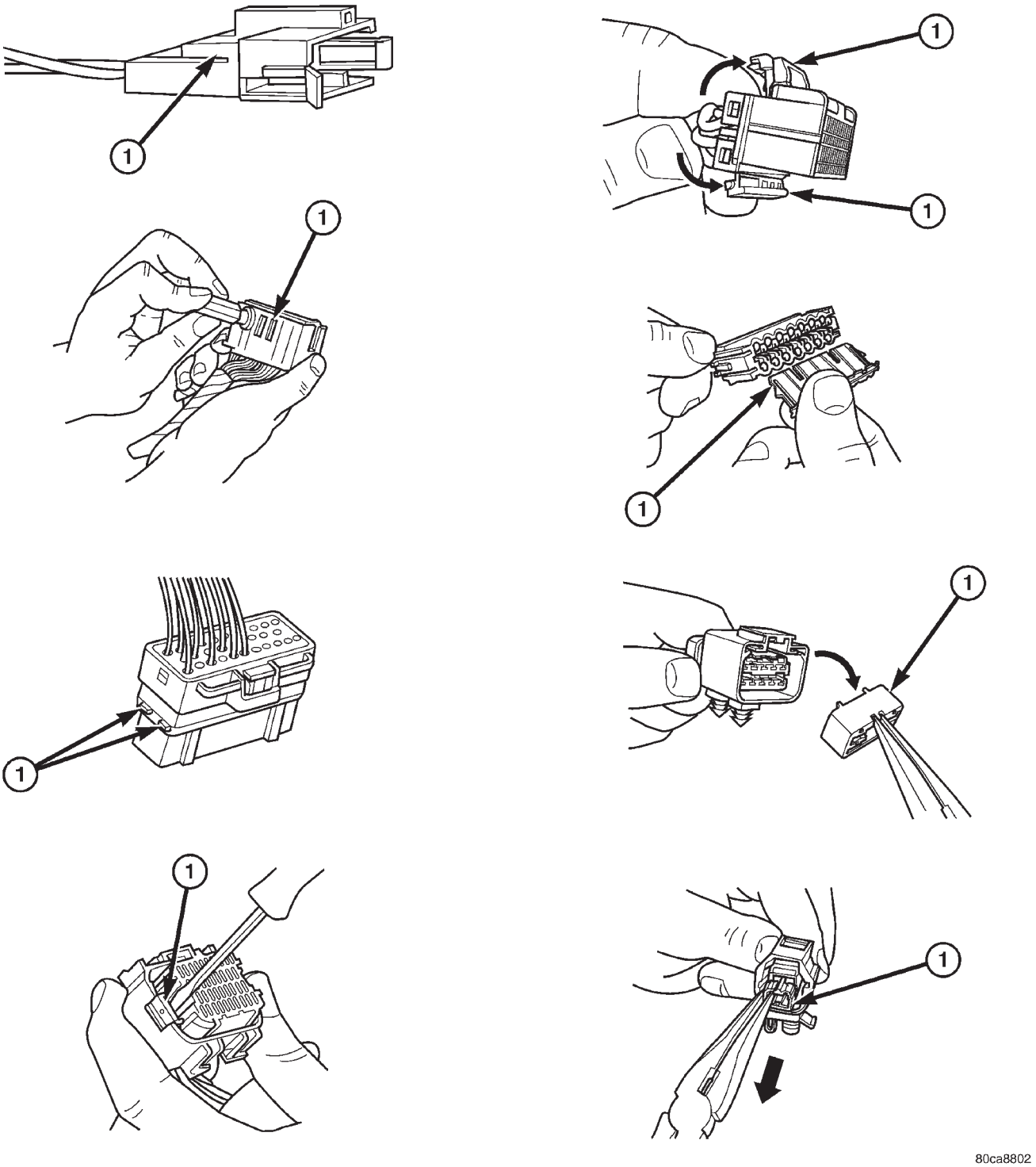


Fig. 11 EXAMPLES OF CONNECTOR SECONDARY TERMINAL LOCKS

1 - Secondary Terminal Lock

CONNECTOR (Continued)

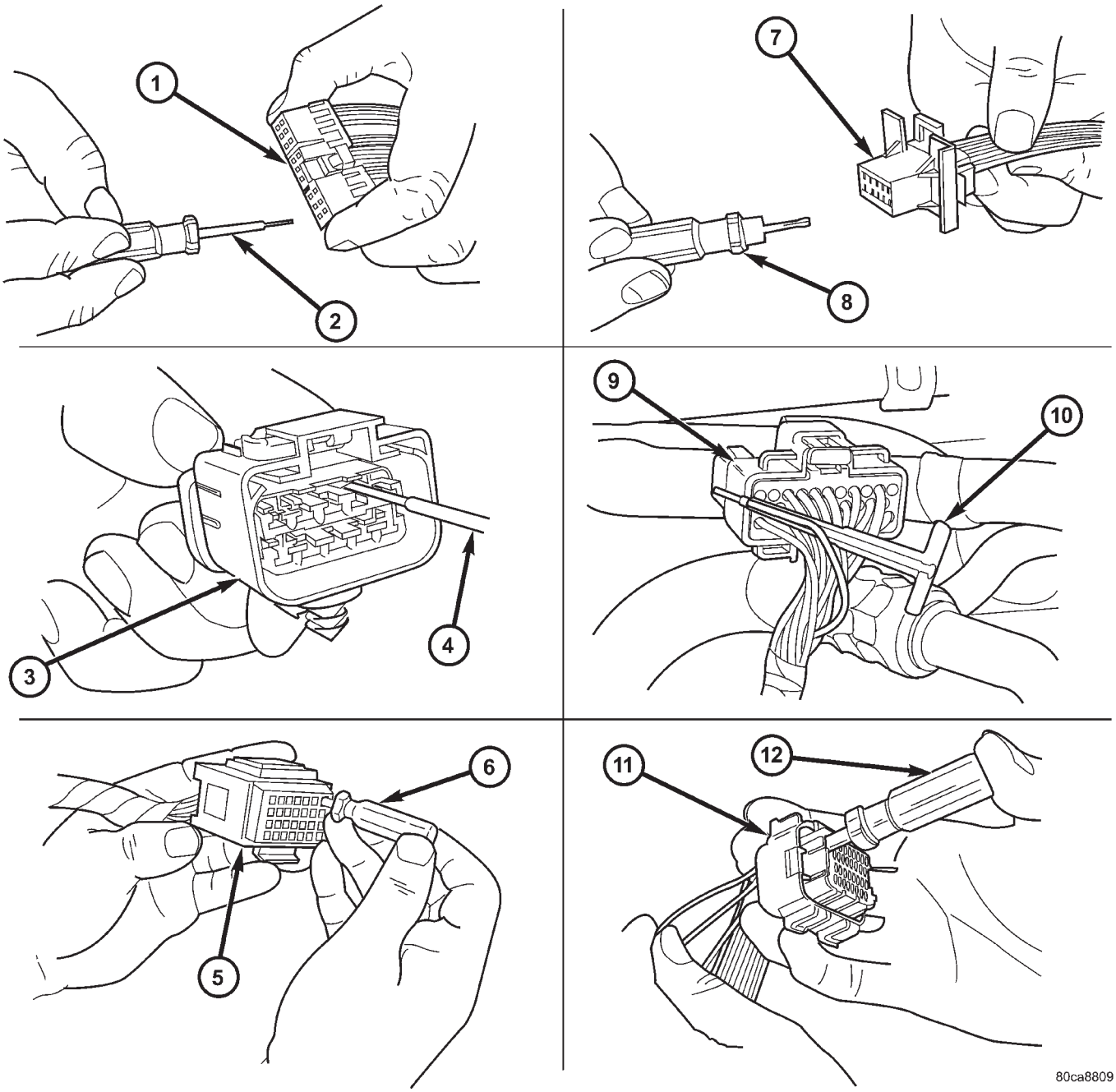


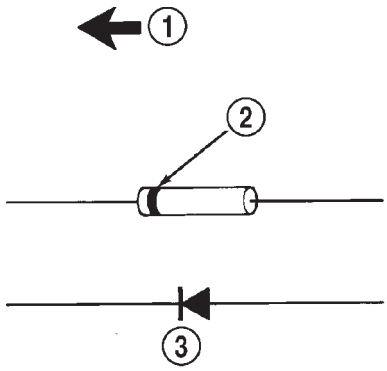
Fig. 12 TERMINAL REMOVAL

1 - TYPICAL CONNECTOR
2 - PICK FROM SPECIAL TOOL KIT 6680
3 - APEX CONNECTOR
4 - PICK FROM SPECIAL TOOL KIT 6680
5 - AUGAT CONNECTOR
6 - SPECIAL TOOL 6932
7 - MOLEX CONNECTOR
8 - SPECIAL TOOL 6742
9 - THOMAS AND BETTS CONNECTOR
10 - SPECIAL TOOL 6934
11 - TYCO CONNECTOR
12 - SPECIAL TOOL 8638

DIODE

REMOVAL

(1) Disconnect the battery.
(2) Locate the diode in the harness, and remove the protective covering.
(3) Remove the diode from the harness, pay attention to the current flow direction (Fig. 13).



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Fig. 13 DIODE IDENTIFICATION

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

INSTALLATION

(1) Remove the insulation from the wires in the harness. Only remove enough insulation to solder in the new diode.
(2) Install the new diode in the harness, making sure current flow is correct. If necessary, refer to the appropriate wiring diagram for current flow (Fig. 13).
(3) Solder the connection together using rosin core type solder only. **Do not use acid core solder.**
(4) Tape the diode to the harness using electrical tape. Make sure the diode is completely sealed from the elements.
(5) Re-connect the battery and test affected systems.

TERMINAL

REMOVAL

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

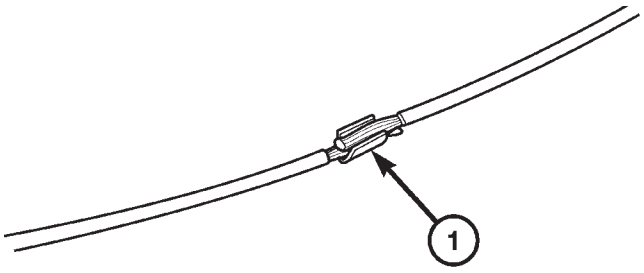
INSTALLATION

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

WIRE

STANDARD PROCEDURE - WIRE SPLICING

When splicing a wire, it is important that the correct gage be used as shown in the wiring diagrams.
(1) Remove one-half (1/2) inch of insulation from each wire that needs to be spliced.
(2) Place a piece of adhesive lined heat shrink tubing on one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.
(3) Place the strands of wire overlapping each other inside of the splice clip (Fig. 14).



80c4f3f1

Fig. 14 SPLICE BAND

1 - SPLICE BAND

(4) Using crimping tool, Mopar p/n 05019912AA, crimp the splice clip and wires together (Fig. 15).
(5) Solder the connection together using rosin core type solder only (Fig. 16).

WIRE (Continued)

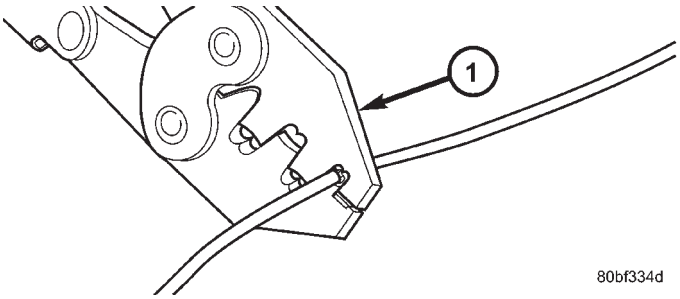


Fig. 15 CRIMPING TOOL

1 - CRIMPING TOOL

CAUTION: DO NOT USE ACID CORE SOLDER.

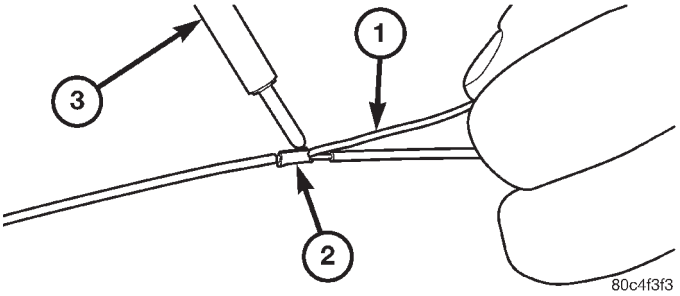


Fig. 16 SOLDER SPLICE

1 - SOLDER
2 - SPLICE BAND
3 - SOLDERING IRON

(6) 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 (Fig. 17).

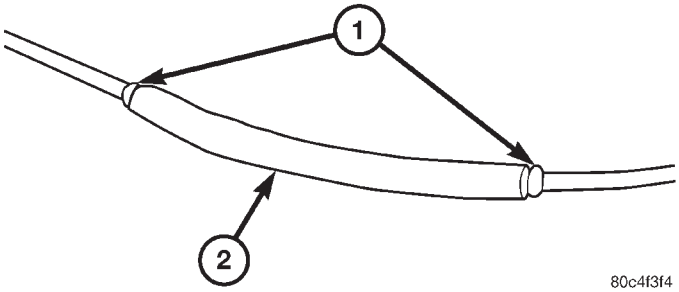


Fig. 17 HEAT SHRINK TUBE

1 - SEALANT
2 - HEAT SHRINK TUBE

8W-02 COMPONENT INDEX

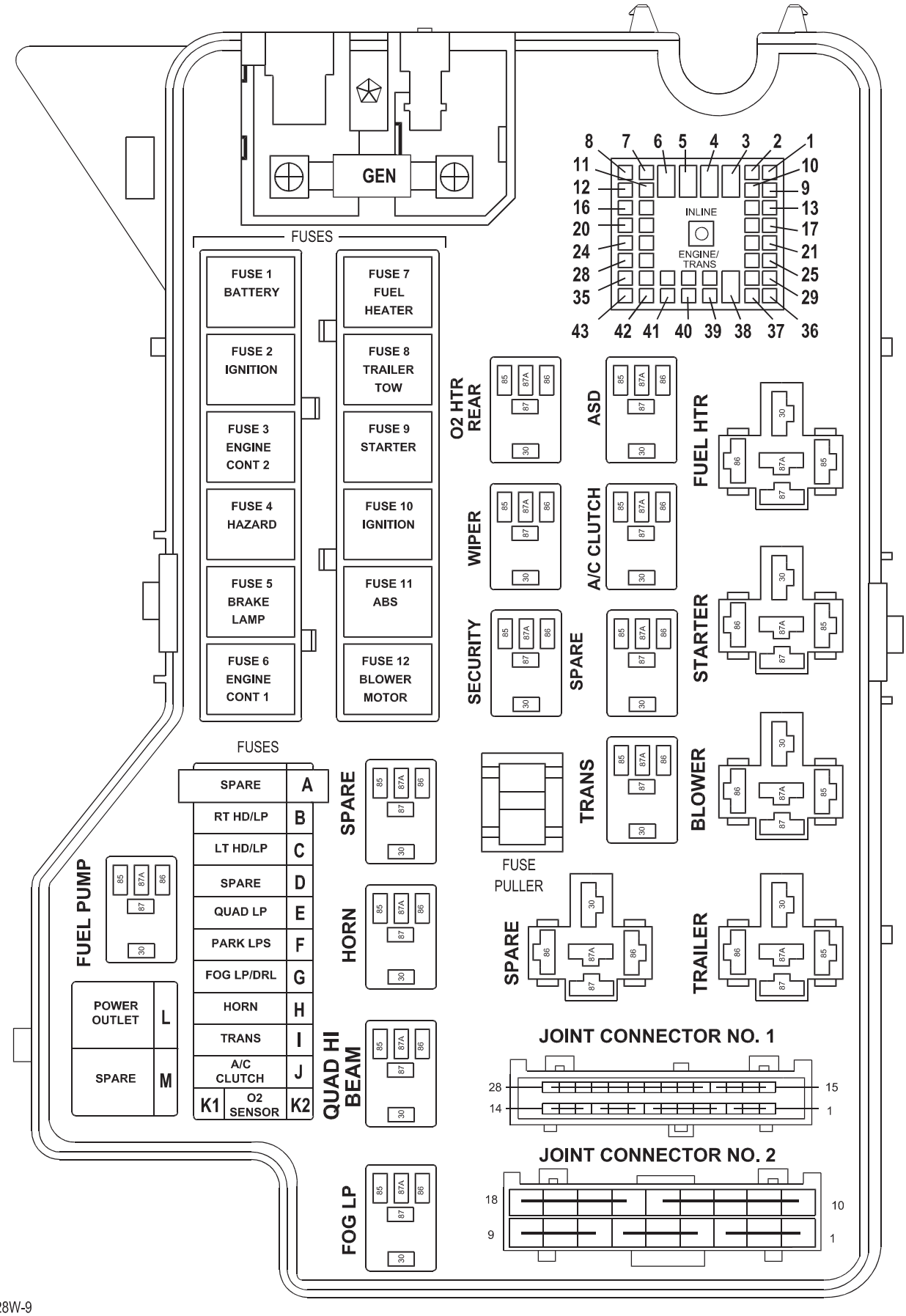
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Ash Receiver Lamp	8W-44
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Back-Up Lamp	8W-51
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Driver Power Seat Rear Vertical Motor	8W-63
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Fog Lamp	8W-50
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Fuel Heater	8W-30-36
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Fuel Injectors	8W-30
Fuel Pump Module	8W-30
Fuel Pump Relay	8W-30
Fuel Tank Module	8W-30
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Headlamp Switch	8W-50
Headlamp	8W-50
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Heated Mirror Switch	8W-62
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Overdrive Switch	8W-31
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Passenger Lumbar Motor	8W-63
Passenger Power Seat Front Vertical Motor	8W-63
Passenger Power Seat Horizontal Motor	8W-63
Passenger Power Seat Rear Vertical Motor	8W-63
Passenger Power Seat Switch	8W-63
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Power Mirror Switch	8W-62
Power Mirror	8W-62
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PTO Switch	8W-30
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Radio Choke Relay	8W-47
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Splices	8W-70
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Seat Heat Interface Module	8W-63
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Tail/Stop/Turn Signal Lamp	8W-51
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Throttle Position Sensor	8W-30
Trailer Tow Connector	8W-54
Trailer Tow Relay	8W-54
Transmission Control Relay	8W-31
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Auxiliary Battery	8W-10-8
Battery	8W-10-8
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Center High Mounted Stop Lamp No. 2	8W-10-13
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Clockspring	8W-10-26
Combination Flasher	8W-10-13
Controller Antilock Brake	8W-10-23
Daytime Running Lamp Module	8W-10-25
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Engine Control Module	8W-10-12
Engine Starter Motor	8W-10-23
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Fuel Injector No. 2	8W-10-15, 16
Fuel Injector No. 3	8W-10-15, 16
Fuel Injector No. 4	8W-10-15, 16
Fuel Injector No. 5	8W-10-15, 16
Fuel Injector No. 6	8W-10-15, 16
Fuel Injector No. 7	8W-10-15, 16
Fuel Injector No. 8	8W-10-15, 16
Fuel Injector No. 9	8W-10-16
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Fuse 2 (PDC)	8W-10-8, 10, 22
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Fuse L (PDC)	8W-10-9, 27
Fuse Gen (PDC)	8W-10-8, 27
G201	8W-10-22
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Joint Connector No. 5	8W-10-22
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Joint Connector No. 8	8W-10-22
Junction Block	8W-10-8, 10, 13
Left Fog Lamp	8W-10-25
Left Headlamp	8W-10-24
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Oxygen Sensor 1/2 Downstream	8W-10-17
Oxygen Sensor 1/2 Left Bank Down	8W-10-19
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POWER DISTRIBUTION CENTER



FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	50	A7 10RD/BK	FUSED B(+)
2	30	A2 14PK/BK	FUSED B(+)
3	20	A14 16RD/WT	FUSED B(+)
4	20	L9 16BK/VT	FUSED B(+)
5	20	F32 16PK/DB	FUSED B(+)
6	30	A16 14RD/LB	FUSED B(+)
7	40	A112 12RD/TN ■■	FUSED B(+)
8	40	A6 12RD/OR ●●	FUSED B(+)
9	30	F45 18YL	FUSED B(+)
10	50	A1 10RD	FUSED B(+)
11	40	A10 10RD/DG	FUSED B(+)
12	40	C111 12DG/YL	FUSED B(+)
A	-	-	-
B	15	L44 18VT/RD	FUSED B(+)
C	15	L43 18VT	FUSED B(+)
D	-	-	-
E	15	L45 18PK/RD ▲▲	FUSED B(+)
F	20	F33 16PK/RD	FUSED B(+)
G	15	L34 20RD/OR ●	FUSED B(+)
H	20	INTERNAL	FUSED B(+)
I	20	T17 18YL	FUSED B(+)
J	10	C26 22PK/DB	FUSED B(+)
K1 ■	15	A141 20DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
K2 ■■	15	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
L	20	A12 16RD/TN	FUSED B(+)
M	-	-	-
GEN	140	A11 4BK/GY ■	FUSED B(+)
		A11 4BK ■■	FUSED B(+)

● EXCEPT BASE
●● TRAILER TOW
▲▲ QUAD HEADLAMPS
■ GAS
■■ DIESEL

RELAYS

A/C COMPRESSOR CLUTCH RELAY

CAVITY	CIRCUIT	FUNCTION
30	C26 22PK/DB	FUSED B(+)
85	C13 22DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
86	F12 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	C3 22DB/BK	A/C COMPRESSOR CLUTCH RELAY OUTPUT
87A	-	-

AUTOMATIC SHUT DOWN RELAY

CAVITY	CIRCUIT	FUNCTION
30	A16 14RD/LB	FUSED B(+)
85	K51 20DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
86	A16 14RD/LB	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
87A	-	-

BLOWER MOTOR RELAY

CAVITY	CIRCUIT	FUNCTION
30	C111 12DG/YL	FUSED B(+)
85	Z1 22BK	GROUND
86	F15 22DB	FUSED IGNITION SWITCH OUTPUT (RUN)
87	C1 12DG	BLOWER MOTOR FEED
87A	-	-

ENGINE STARTER MOTOR RELAY

CAVITY	CIRCUIT	FUNCTION
30	F45 18YL	FUSED B(+) ENGINE STARTER MOTOR RELAY
85	T41 22BK/WT	PARK/NEUTRAL POSITION SWITCH SENSE
86	T141 14YL/RD	FUSED IGNITION SWITCH OUTPUT (START)
87	T40 14BR	STARTER RELAY OUTPUT
87A	-	-

FOG LAMP RELAY

CAVITY	CIRCUIT	FUNCTION
30	L39 20LB	FOG LAMP RELAY OUTPUT
85	L35 20BR/YL ■■	FOG LAMP SWITCH OUTPUT
85	L139 20VT ■	-
86	L34 20RD/OR ■	FUSED B(+)
86	L3 18RD/OR ■■	BEAM SELECT SWITCH HIGH BEAM OUTPUT
87	L35 20BR/YL ■■	FOG LAMP SWITCH OUTPUT
87A	L35 22BR/YL ■	FOG LAMP SWITCH OUTPUT

FUEL HEATER RELAY (DIESEL)

CAVITY	CIRCUIT	FUNCTION
30	A112 12RD/TN	FUSED B(+)
85	Z1 22BK	GROUND
86	F12 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	A93 12RD/BK	FUEL HEATER RELAY OUTPUT
87A	-	-

FUEL PUMP RELAY

CAVITY	CIRCUIT	FUNCTION
30	A14 16RD/WT	FUSED B (+)
85	K31 20BR/WT •	FUEL PUMP RELAY CONTROL
85	Z1 20BK ••	GROUND
86	F18 20LG/BK •	FUSED IGNITION SWITCH OUTPUT (RUN-START)
86	K131 20BR/WT ••	FUEL PUMP RELAY CONTROL
87	A40 14RD/LG ••	FUEL PUMP RELAY OUTPUT
87	A61 16DG/BK •	FUEL PUMP RELAY OUTPUT
87A	-	-

• GAS ■ DRL
•• DIESEL ■■ EXCEPT DRL

HORN RELAY

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	X3 22BK/RD	HORN RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	X2 18DG/RD	HORN RELAY OUTPUT
87A	-	-

OXYGEN SENSOR DOWNSTREAM RELAY (CALIFORNIA)

CAVITY	CIRCUIT	FUNCTION
30	A141 20DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
85	K145 20DG/PK	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
86	A141 20DG/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	A341 20DG/YL	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT

QUAD HIGH BEAM RELAY

CAVITY	CIRCUIT	FUNCTION
30	L33 18LG/BR	QUAD HIGH BEAM RELAY OUTPUT
85	L3 18RD/OR ••	BEAM SELECT SWITCH HIGH BEAM OUTPUT
85	G34 20RD/GY •	HIGH BEAM INDICATOR DRIVER
86	L45 18PK/RD	FUSED B(+)
87	Z1 16BK	GROUND

• DRL
•• EXCEPT DRL

SECURITY RELAY

CAVITY	CIRCUIT	FUNCTION
30	Z1 16BK	GROUND
85	G50 22RD/DB	SECURITY RELAY CONTROL
86	L34 20RD/OR	FUSED B(+)
87	L4 20VT/WT	BEAM SELECT SWITCH LOW BEAM OUTPUT
87A	-	-

TRAILER TOW RELAY

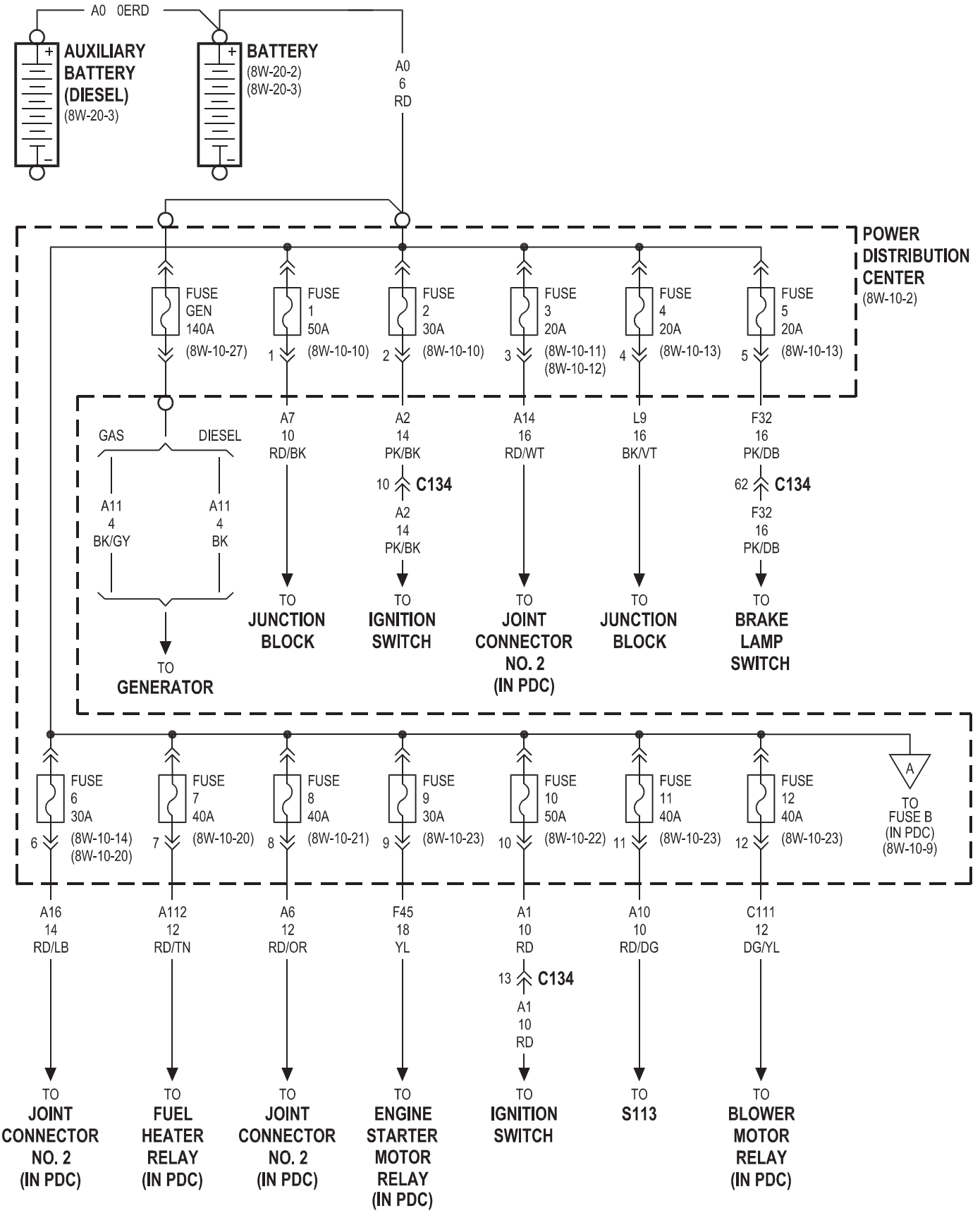
CAVITY	CIRCUIT	FUNCTION
30	A6 12RD/OR	FUSED B(+)
85	Z1 22BK	GROUND
86	L7 18BK/YL	PARK LAMP RELAY OUTPUT
87	L76 12BK/RD	TRAILER TOW RELAY OUTPUT
87A	-	-

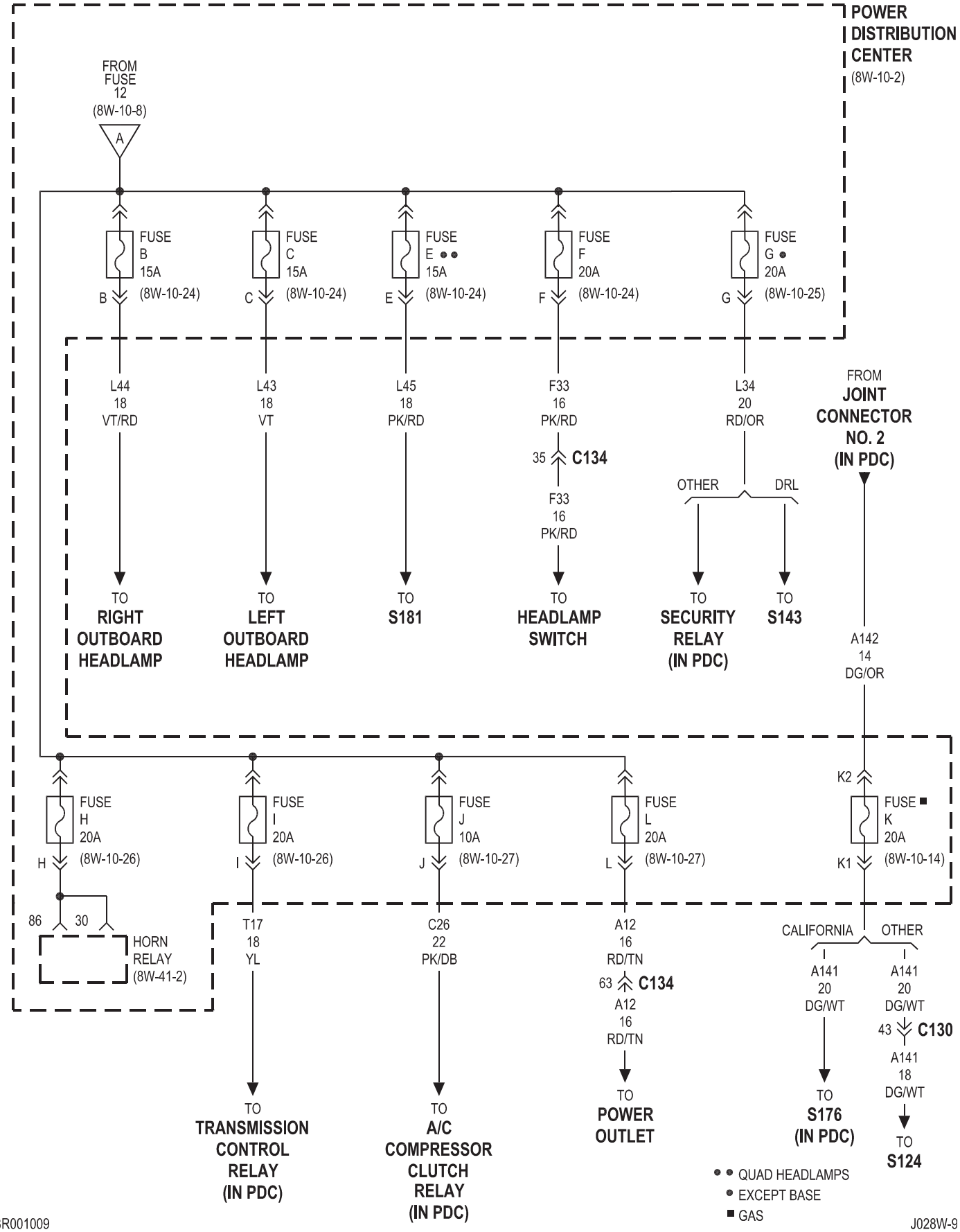
TRANSMISSION CONTROL RELAY

CAVITY	CIRCUIT	FUNCTION
30	T17 18YL	FUSED B(+)
85	K30 22PK	TRANSMISSION CONTROL RELAY CONTROL
86	T125 18DB	GENERATOR SOURCE
87	T16 18RD	TRANSMISSION CONTROL RELAY OUTPUT
87A	-	-

WIPER MOTOR RELAY

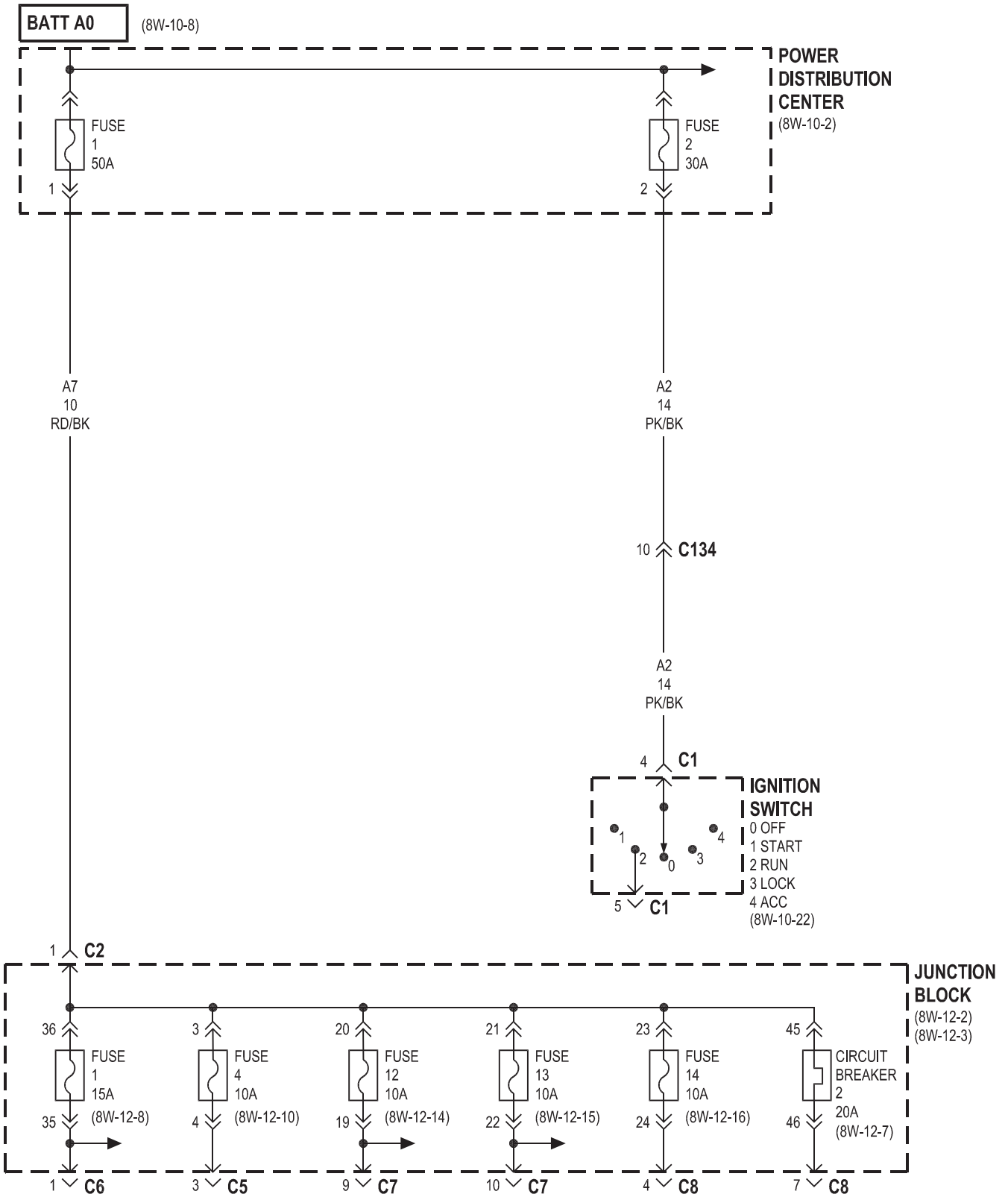
CAVITY	CIRCUIT	FUNCTION
30	V49 16RD/BK	DRIVER LOW SPEED WIPER MOTOR DRIVER
85	V18 22YL/DG	WIPER MOTOR RELAY CONTROL
86	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
87A	V5 16DG	WIPER PARK SWITCH SENSE

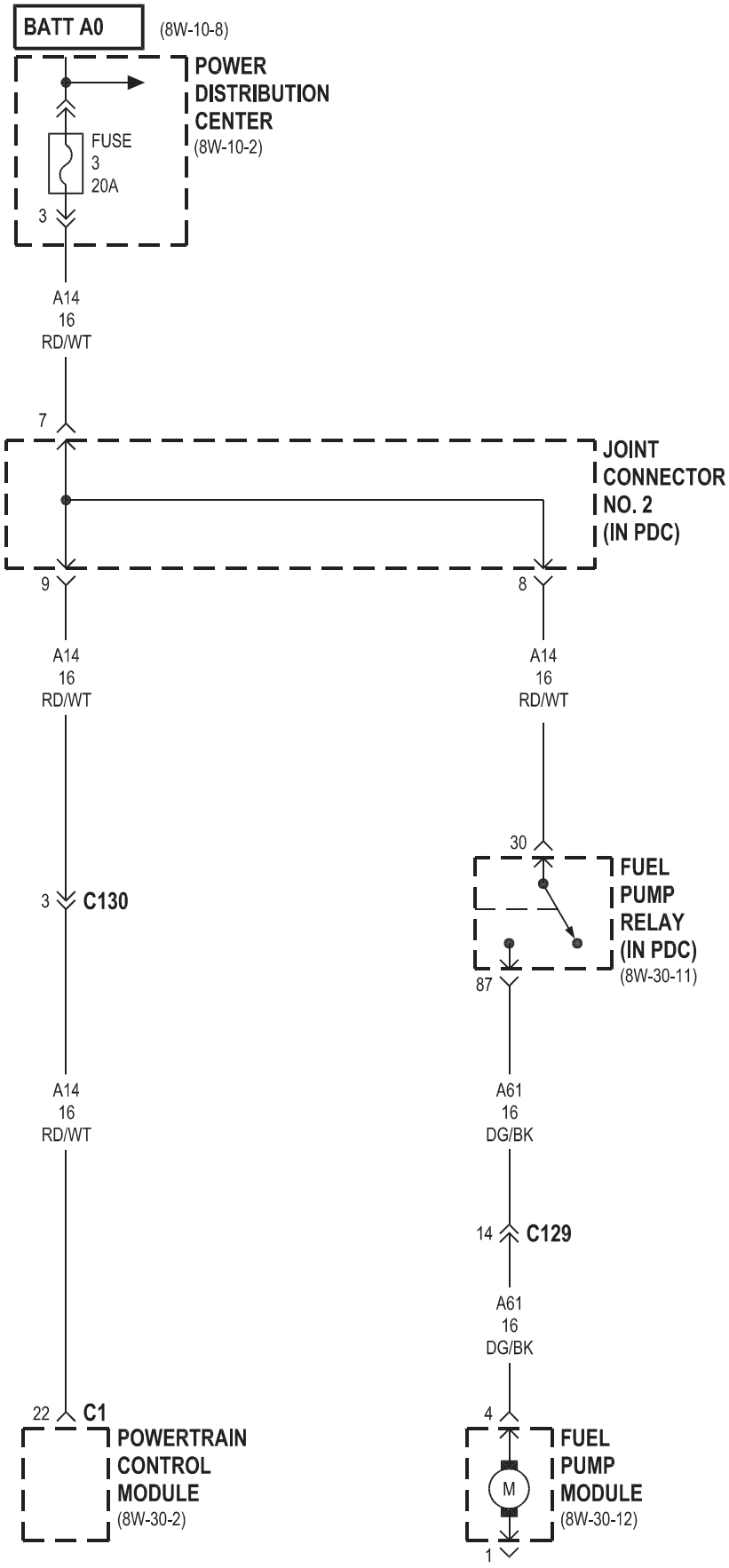

A0 0ERD
AUXILIARY BATTERY (DIESEL)
(8W-20-3)
BATTERY
(8W-20-2)
(8W-20-3)
A0
6
RD
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE GEN 140A
(8W-10-27)
FUSE 1 50A
1 (8W-10-10)
FUSE 2 30A
2 (8W-10-10)
FUSE 3 20A
3 (8W-10-11) (8W-10-12)
FUSE 4 20A
4 (8W-10-13)
FUSE 5 20A
5 (8W-10-13)
GAS
DIESEL
A11
4
BK/GY
A11
4
BK
TO GENERATOR
A7
10
RD/BK
TO JUNCTION BLOCK
A2
14
PK/BK
10 C134
A2
14
PK/BK
TO IGNITION SWITCH
A14
16
RD/WT
TO JOINT CONNECTOR NO. 2 (IN PDC)
L9
16
BK/VT
TO JUNCTION BLOCK
F32
16
PK/DB
62 C134
F32
16
PK/DB
TO BRAKE LAMP SWITCH
FUSE 6 30A
6 (8W-10-14) (8W-10-20)
FUSE 7 40A
7 (8W-10-20)
FUSE 8 40A
8 (8W-10-21)
FUSE 9 30A
9 (8W-10-23)
FUSE 10 50A
10 (8W-10-22)
FUSE 11 40A
11 (8W-10-23)
FUSE 12 40A
12 (8W-10-23)
A
TO FUSE B (IN PDC) (8W-10-9)
A16
14
RD/LB
TO JOINT CONNECTOR NO. 2 (IN PDC)
A112
12
RD/TN
TO FUEL HEATER RELAY (IN PDC)
A6
12
RD/OR
TO JOINT CONNECTOR NO. 2 (IN PDC)
F45
18
YL
TO ENGINE STARTER MOTOR RELAY (IN PDC)
A1
10
RD
13 C134
A1
10
RD
TO IGNITION SWITCH
A10
10
RD/DG
TO S113
C111
12
DG/YL
TO BLOWER MOTOR RELAY (IN PDC)

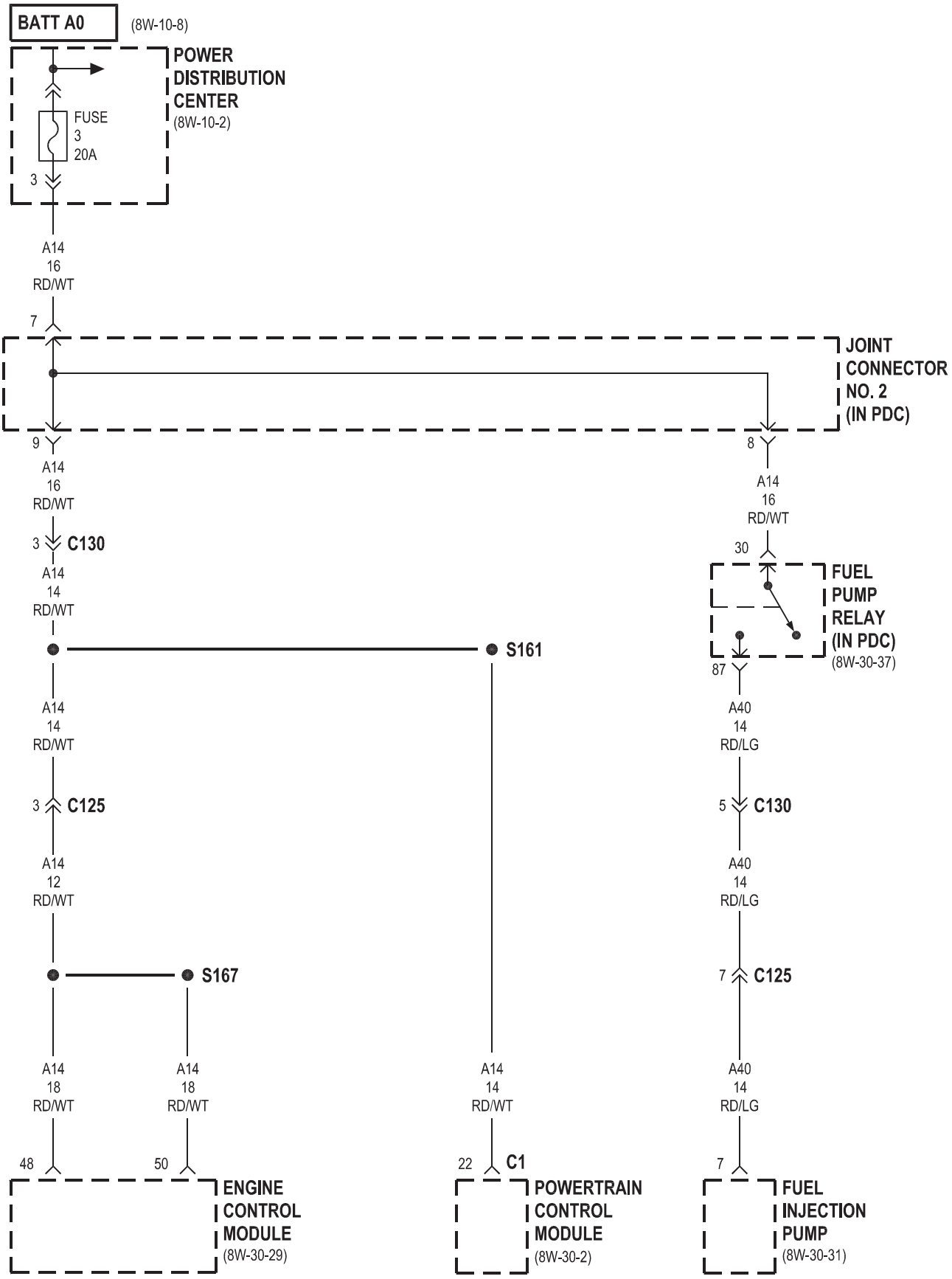


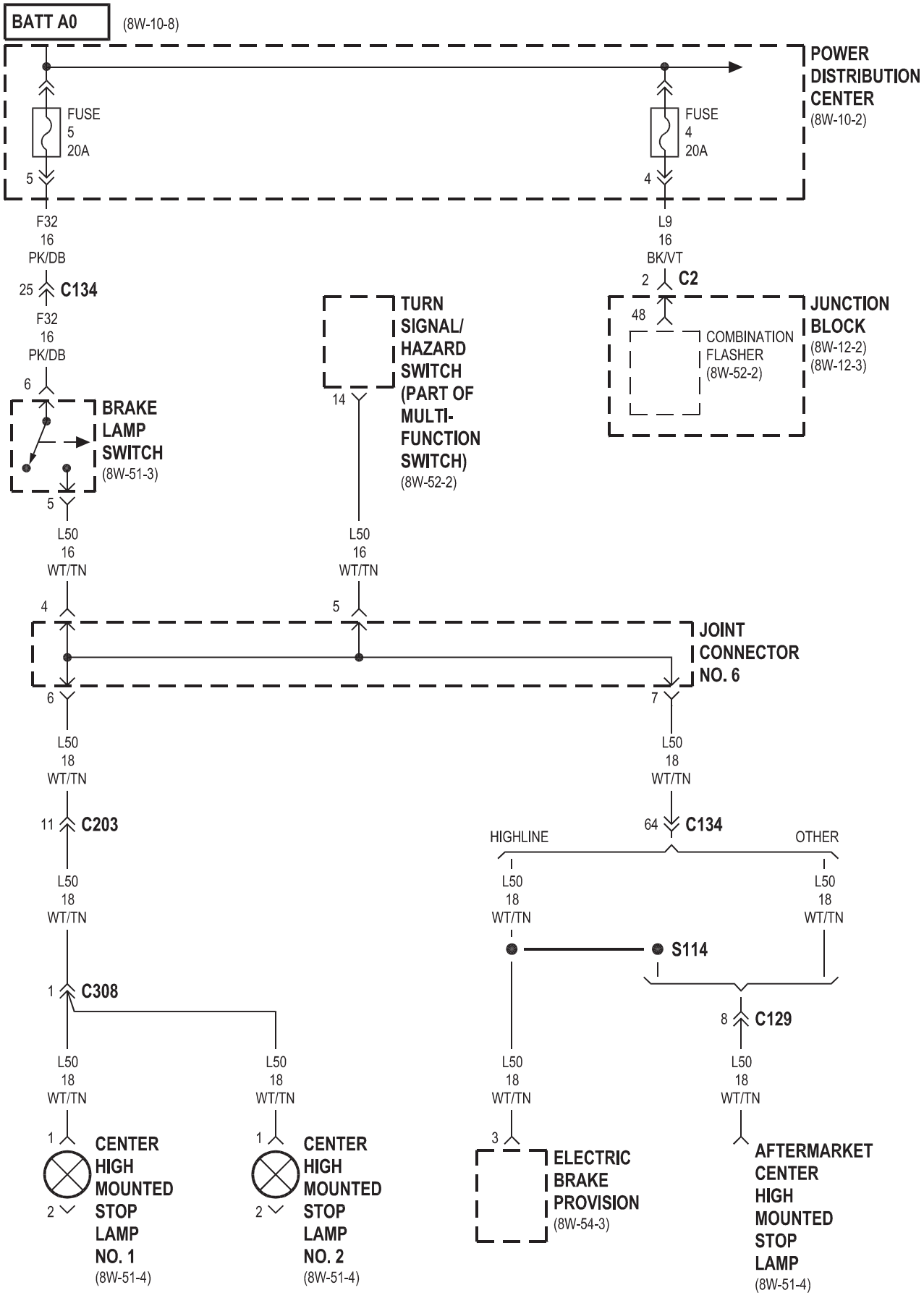
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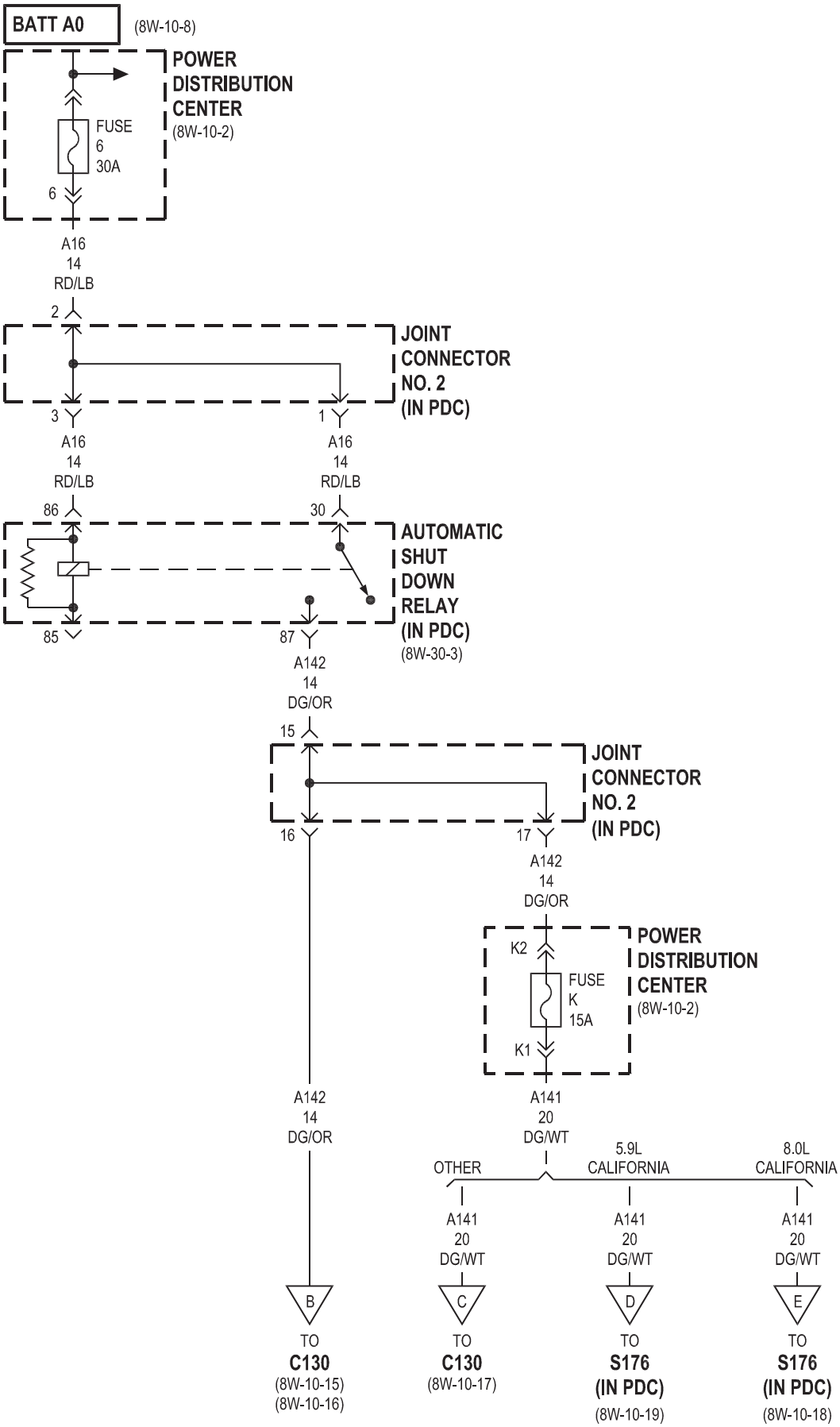
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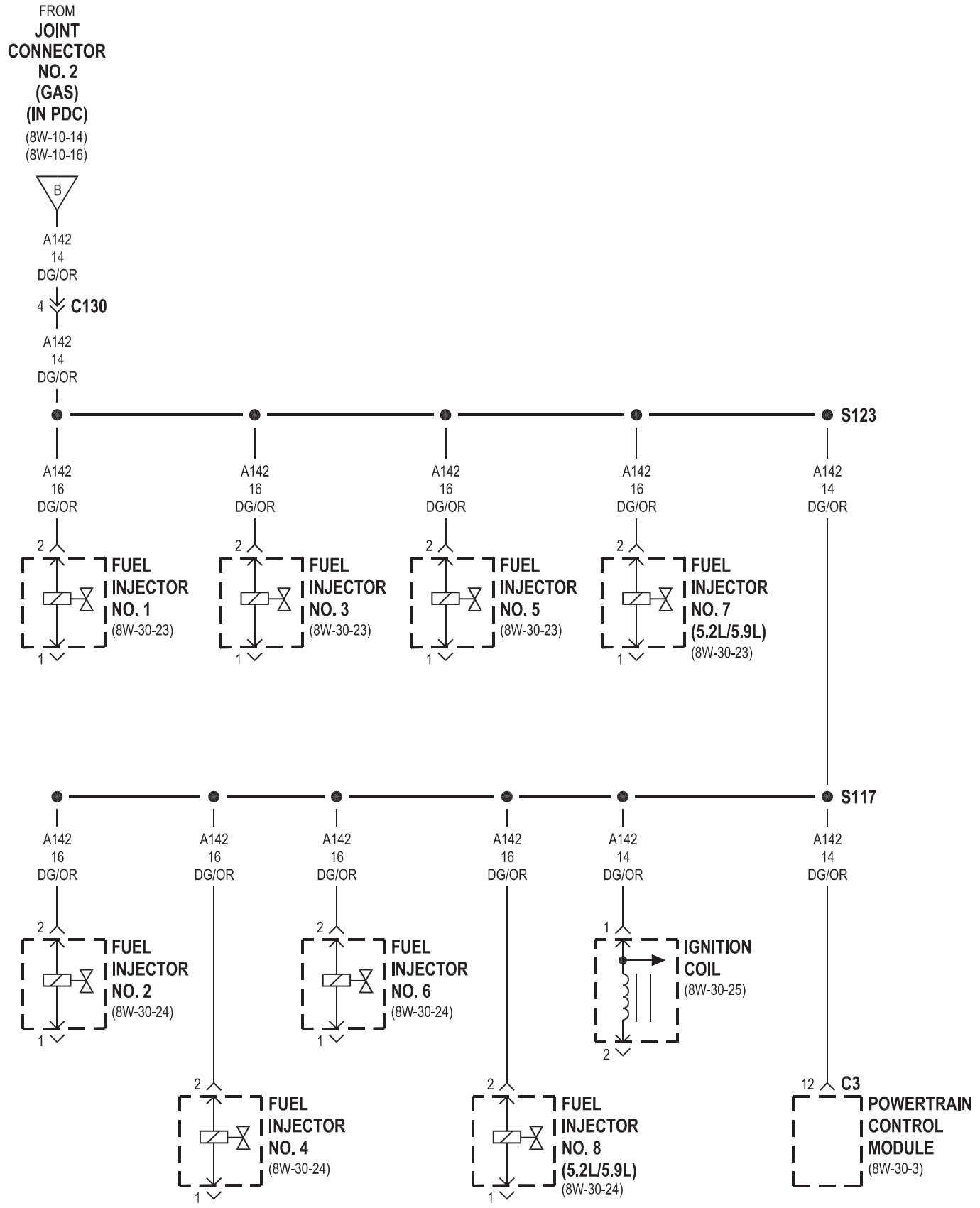

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 1 50A
FUSE 2 30A
1
2
A7 10 RD/BK
A2 14 PK/BK
10 C134
A2 14 PK/BK
4 C1
IGNITION SWITCH
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-10-22)
5 C1
1 C2
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
36 FUSE 1 15A 35 (8W-12-8)
3 FUSE 4 10A 4 (8W-12-10)
20 FUSE 12 10A 19 (8W-12-14)
21 FUSE 13 10A 22 (8W-12-15)
23 FUSE 14 10A 24 (8W-12-16)
45 CIRCUIT BREAKER 2 20A 46 (8W-12-7)
1 C6
3 C5
9 C7
10 C7
4 C8
7 C8

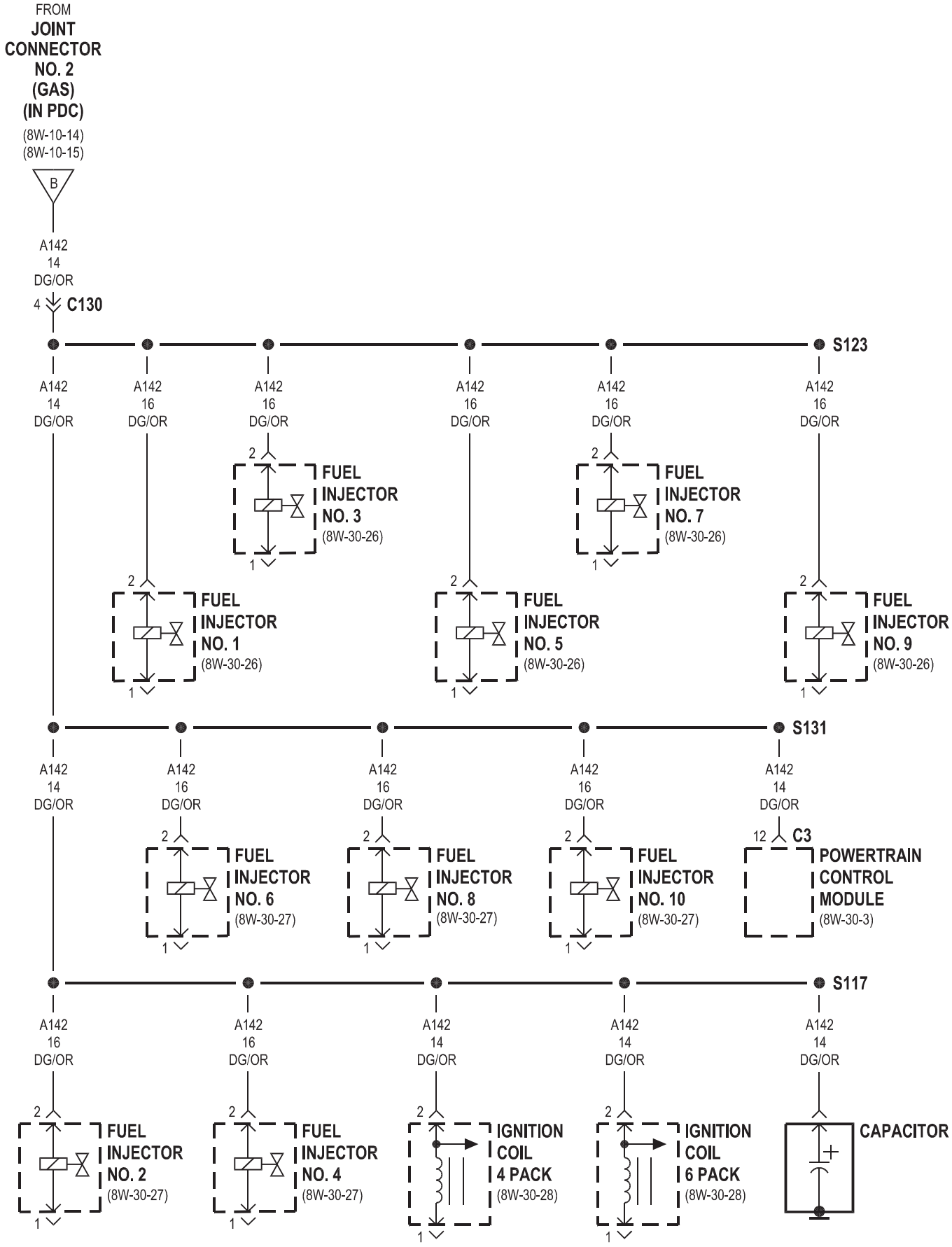

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 3 20A
3
A14 16 RD/WT
7
JOINT CONNECTOR NO. 2 (IN PDC)
9
8
A14 16 RD/WT
A14 16 RD/WT
30
FUEL PUMP RELAY (IN PDC)
(8W-30-11)
87
3 C130
A14 16 RD/WT
A61 16 DG/BK
14 C129
A61 16 DG/BK
22 C1
POWERTRAIN CONTROL MODULE
(8W-30-2)
4
M
FUEL PUMP MODULE
(8W-30-12)
1

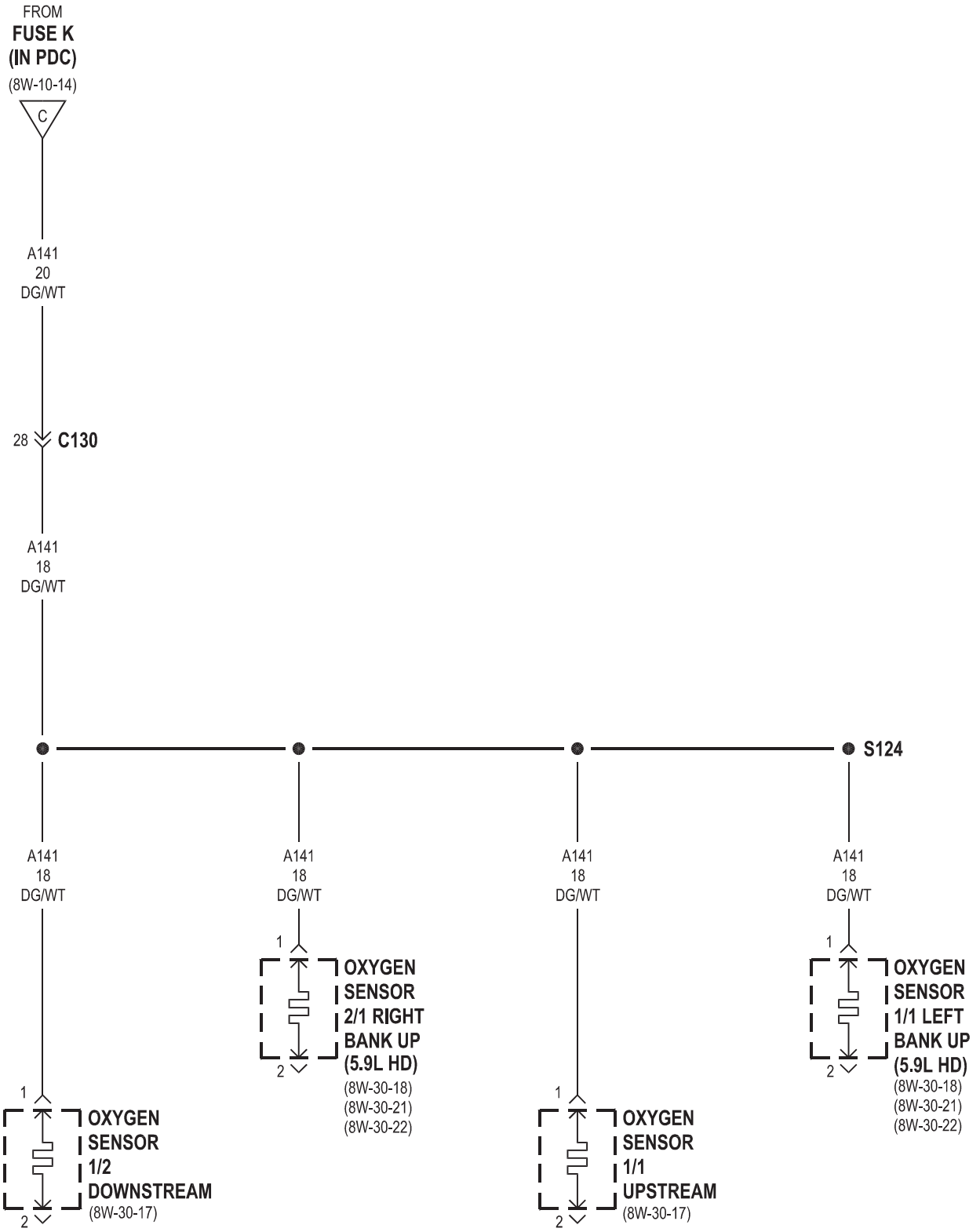

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 3 20A
3
A14 16 RD/WT
7
JOINT CONNECTOR NO. 2 (IN PDC)
9
8
A14 16 RD/WT
3 C130
A14 14 RD/WT
30
FUEL PUMP RELAY (IN PDC)
(8W-30-37)
87
S161
A14 14 RD/WT
A40 14 RD/LG
3 C125
5 C130
A14 12 RD/WT
A40 14 RD/LG
S167
7 C125
A14 18 RD/WT
A14 18 RD/WT
A14 14 RD/WT
A40 14 RD/LG
48
50
22 C1
7
ENGINE CONTROL MODULE
(8W-30-29)
POWERTRAIN CONTROL MODULE
(8W-30-2)
FUEL INJECTION PUMP
(8W-30-31)

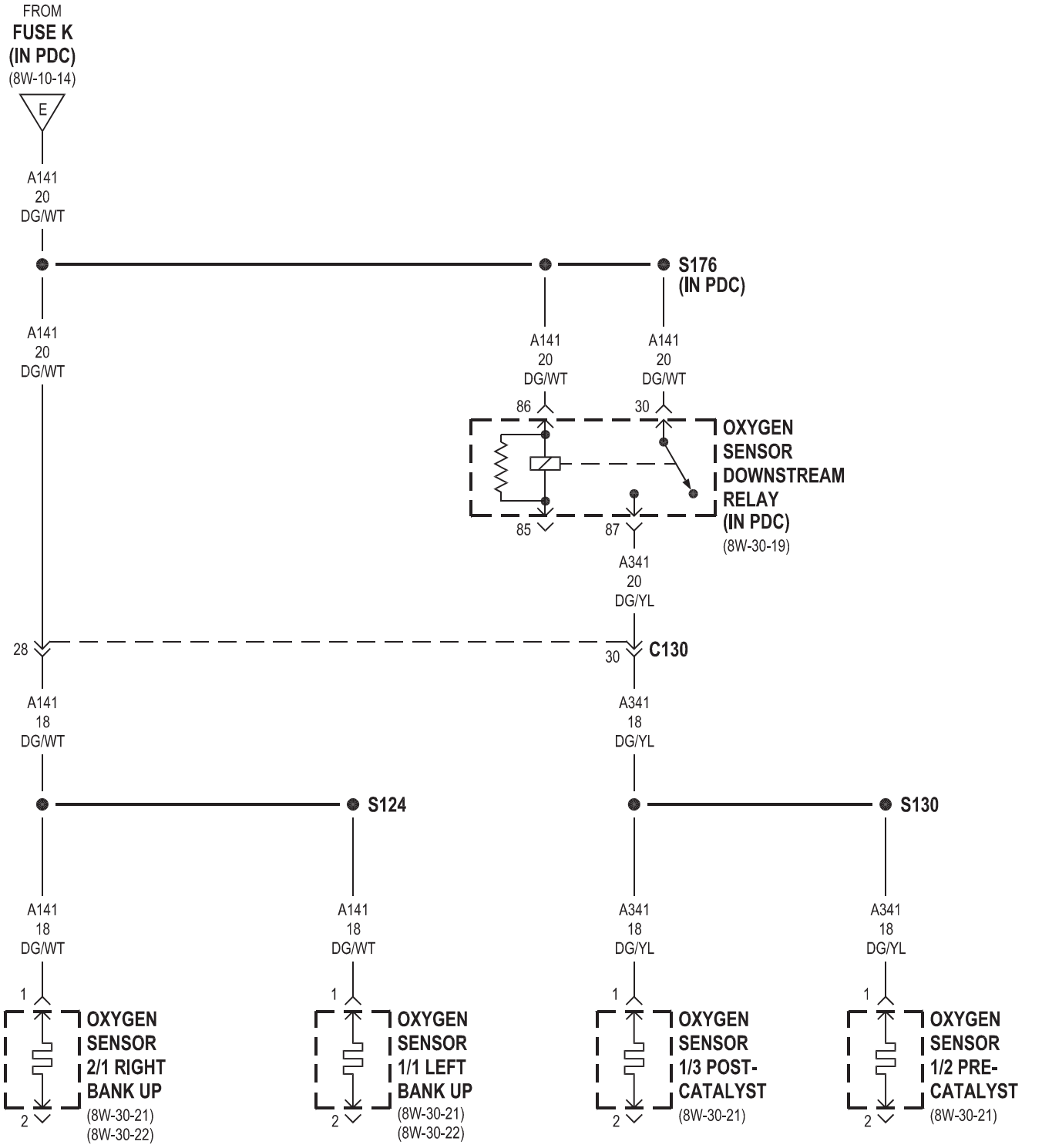

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 5 20A
FUSE 4 20A
5
4
F32 16 PK/DB
L9 16 BK/VT
25 C134
2 C2
F32 16 PK/DB
6
48
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
COMBINATION FLASHER
(8W-52-2)
TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI-FUNCTION SWITCH)
(8W-52-2)
14
BRAKE LAMP SWITCH
(8W-51-3)
5
L50 16 WT/TN
L50 16 WT/TN
4
5
JOINT CONNECTOR NO. 6
6
7
L50 18 WT/TN
L50 18 WT/TN
11 C203
64 C134
HIGHLINE
OTHER
L50 18 WT/TN
L50 18 WT/TN
S114
1 C308
8 C129
L50 18 WT/TN
L50 18 WT/TN
L50 18 WT/TN
L50 18 WT/TN
1
2
CENTER HIGH MOUNTED STOP LAMP NO. 1
(8W-51-4)
1
2
CENTER HIGH MOUNTED STOP LAMP NO. 2
(8W-51-4)
3
ELECTRIC BRAKE PROVISION
(8W-54-3)
AFTERMARKET CENTER HIGH MOUNTED STOP LAMP
(8W-51-4)

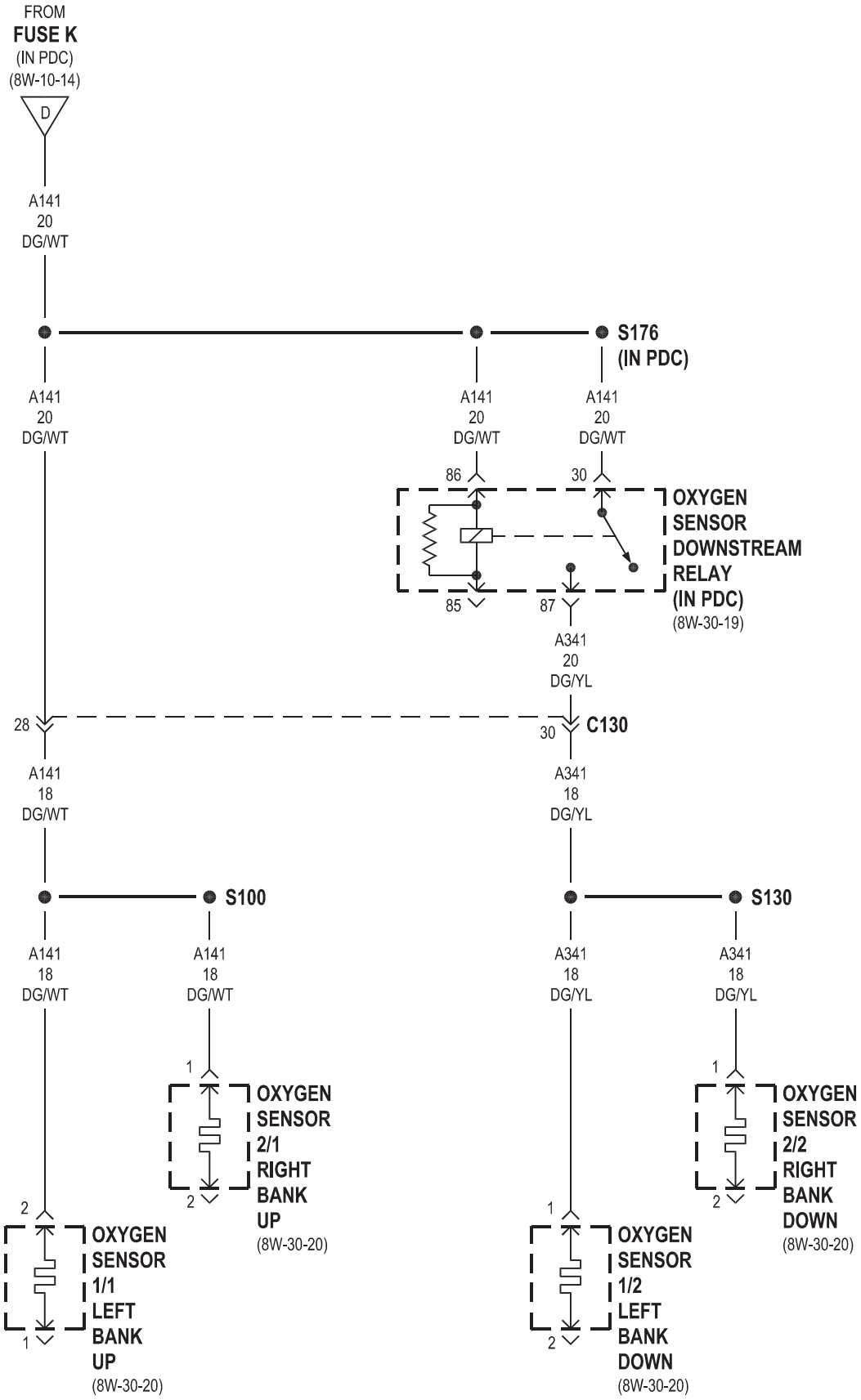

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 6 30A
6
A16 14 RD/LB
2
JOINT CONNECTOR NO. 2 (IN PDC)
3
1
A16 14 RD/LB
A16 14 RD/LB
86
30
AUTOMATIC SHUT DOWN RELAY (IN PDC)
(8W-30-3)
85
87
A142 14 DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC)
16
17
A142 14 DG/OR
POWER DISTRIBUTION CENTER
(8W-10-2)
K2
FUSE K 15A
K1
A142 14 DG/OR
A141 20 DG/WT
OTHER
5.9L CALIFORNIA
8.0L CALIFORNIA
A141 20 DG/WT
A141 20 DG/WT
A141 20 DG/WT
B
C
D
E
TO C130 (8W-10-15) (8W-10-16)
TO C130 (8W-10-17)
TO S176 (IN PDC) (8W-10-19)
TO S176 (IN PDC) (8W-10-18)

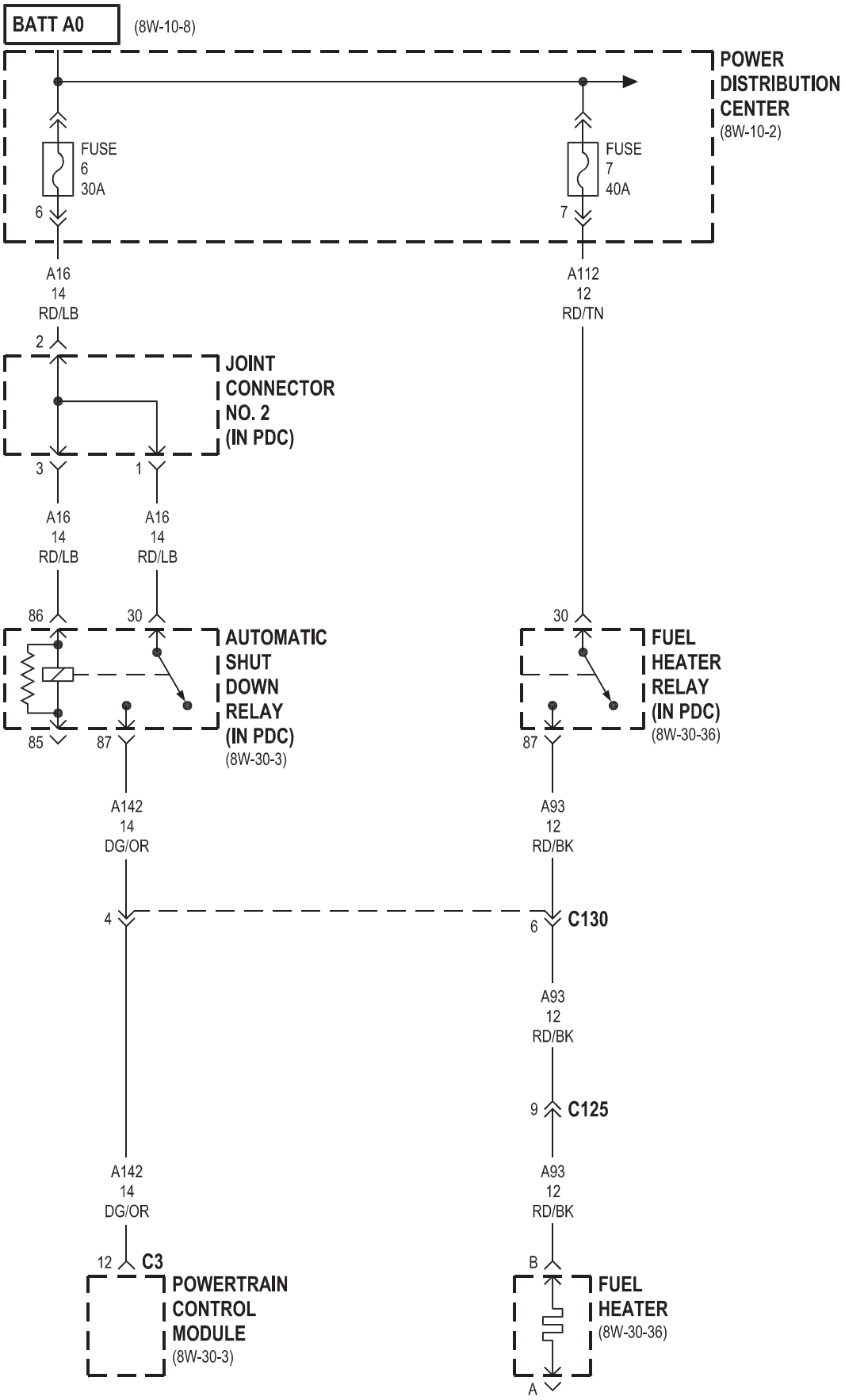

FROM
JOINT CONNECTOR NO. 2 (GAS) (IN PDC)
(8W-10-14)
(8W-10-16)
B
A142
14
DG/OR
4
C130
A142
14
DG/OR
S123
A142
16
DG/OR
2
FUEL INJECTOR NO. 1
(8W-30-23)
1
A142
16
DG/OR
2
FUEL INJECTOR NO. 3
(8W-30-23)
1
A142
16
DG/OR
2
FUEL INJECTOR NO. 5
(8W-30-23)
1
A142
16
DG/OR
2
FUEL INJECTOR NO. 7 (5.2L/5.9L)
(8W-30-23)
1
A142
14
DG/OR
S117
A142
16
DG/OR
2
FUEL INJECTOR NO. 2
(8W-30-24)
1
A142
16
DG/OR
2
FUEL INJECTOR NO. 4
(8W-30-24)
1
A142
16
DG/OR
2
FUEL INJECTOR NO. 6
(8W-30-24)
1
A142
16
DG/OR
2
FUEL INJECTOR NO. 8 (5.2L/5.9L)
(8W-30-24)
1
A142
14
DG/OR
1
IGNITION COIL
(8W-30-25)
2
A142
14
DG/OR
12
C3
POWERTRAIN CONTROL MODULE
(8W-30-3)

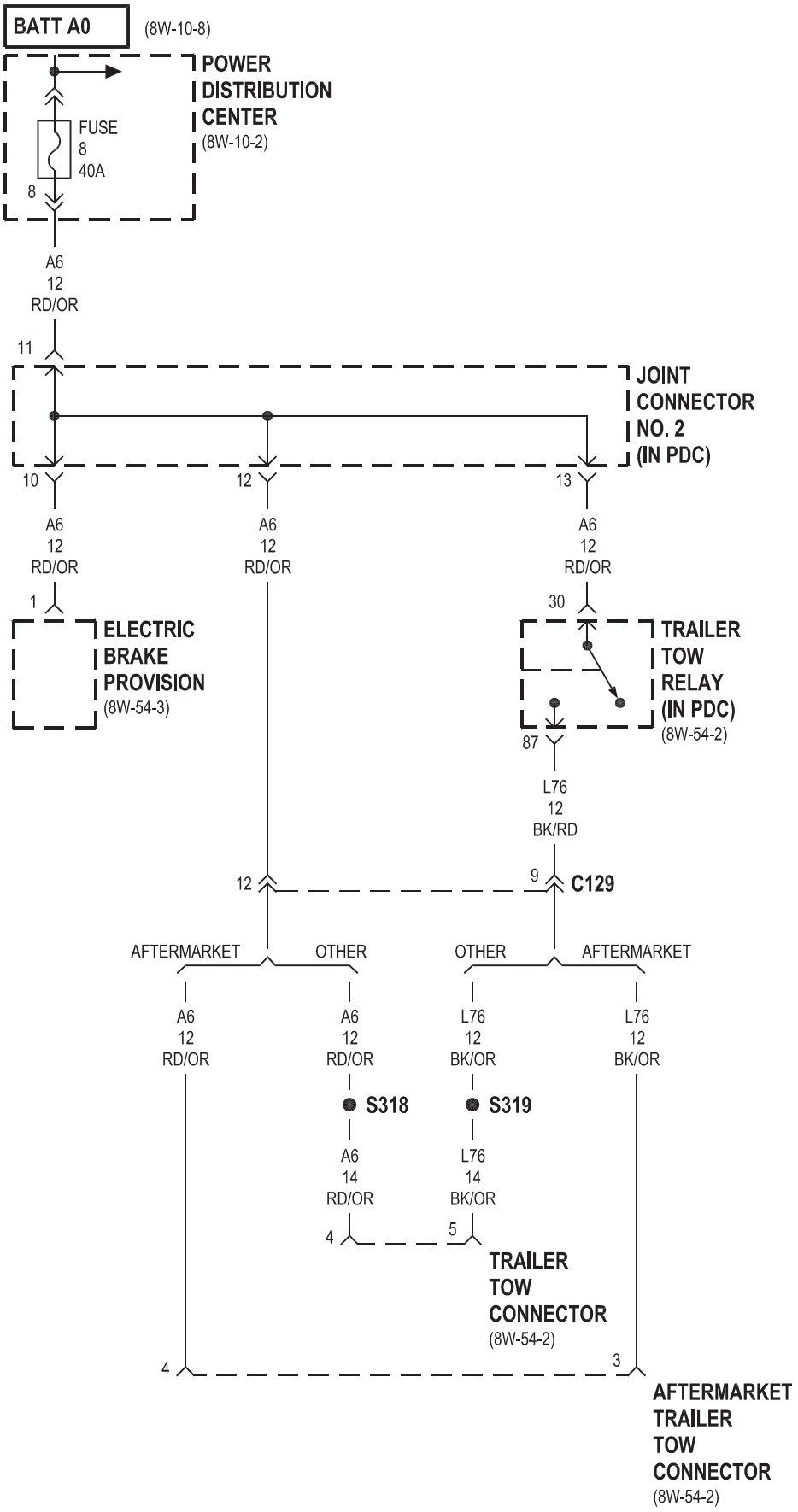

FROM
JOINT CONNECTOR NO. 2 (GAS) (IN PDC)
(8W-10-14)
(8W-10-15)
B
A142 14 DG/OR
4 C130
S123
S131
S117
A142 14 DG/OR
A142 16 DG/OR
FUEL INJECTOR NO. 3 (8W-30-26)
FUEL INJECTOR NO. 7 (8W-30-26)
FUEL INJECTOR NO. 1 (8W-30-26)
FUEL INJECTOR NO. 5 (8W-30-26)
FUEL INJECTOR NO. 9 (8W-30-26)
FUEL INJECTOR NO. 6 (8W-30-27)
FUEL INJECTOR NO. 8 (8W-30-27)
FUEL INJECTOR NO. 10 (8W-30-27)
12 C3
POWERTRAIN CONTROL MODULE (8W-30-3)
FUEL INJECTOR NO. 2 (8W-30-27)
FUEL INJECTOR NO. 4 (8W-30-27)
IGNITION COIL 4 PACK (8W-30-28)
IGNITION COIL 6 PACK (8W-30-28)
CAPACITOR

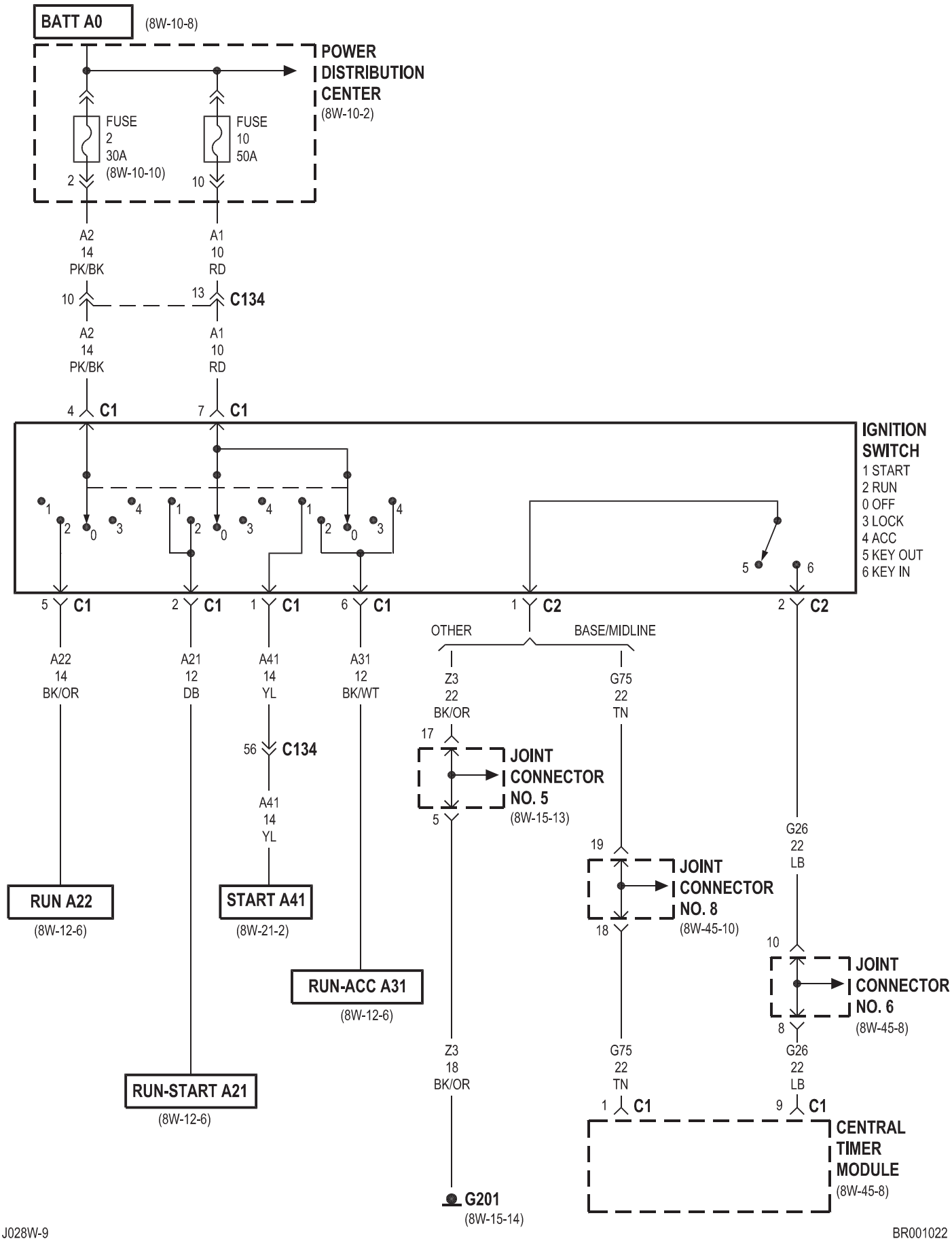

FROM
FUSE K
(IN PDC)
(8W-10-14)
C
A141
20
DG/WT
28
C130
A141
18
DG/WT
S124
A141
18
DG/WT
1
OXYGEN
SENSOR
1/2
DOWNSTREAM
(8W-30-17)
2
A141
18
DG/WT
1
OXYGEN
SENSOR
2/1 RIGHT
BANK UP
(5.9L HD)
(8W-30-18)
(8W-30-21)
(8W-30-22)
2
A141
18
DG/WT
1
OXYGEN
SENSOR
1/1
UPSTREAM
(8W-30-17)
2
A141
18
DG/WT
1
OXYGEN
SENSOR
1/1 LEFT
BANK UP
(5.9L HD)
(8W-30-18)
(8W-30-21)
(8W-30-22)
2

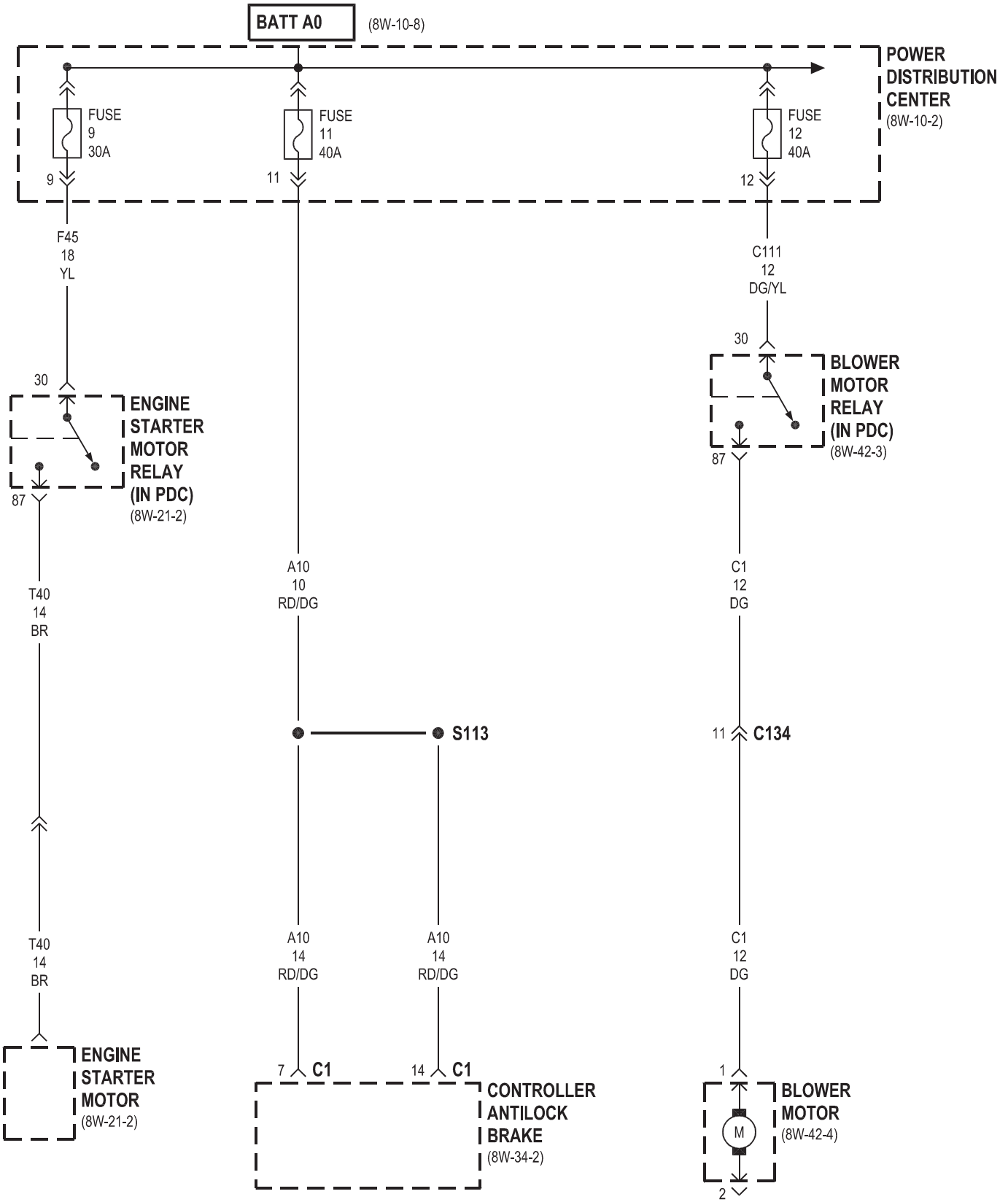

FROM
FUSE K
(IN PDC)
(8W-10-14)
E
A141
20
DG/WT
S176
(IN PDC)
A141
20
DG/WT
A141
20
DG/WT
86
30
OXYGEN
SENSOR
DOWNSTREAM
RELAY
(IN PDC)
(8W-30-19)
85
87
A341
20
DG/YL
28
C130
30
A141
18
DG/WT
A341
18
DG/YL
S124
S130
A141
18
DG/WT
A141
18
DG/WT
A341
18
DG/YL
A341
18
DG/YL
1
OXYGEN
SENSOR
2/1 RIGHT
BANK UP
(8W-30-21)
(8W-30-22)
2
1
OXYGEN
SENSOR
1/1 LEFT
BANK UP
(8W-30-21)
(8W-30-22)
2
1
OXYGEN
SENSOR
1/3 POST-
CATALYST
(8W-30-21)
2
1
OXYGEN
SENSOR
1/2 PRE-
CATALYST
(8W-30-21)
2

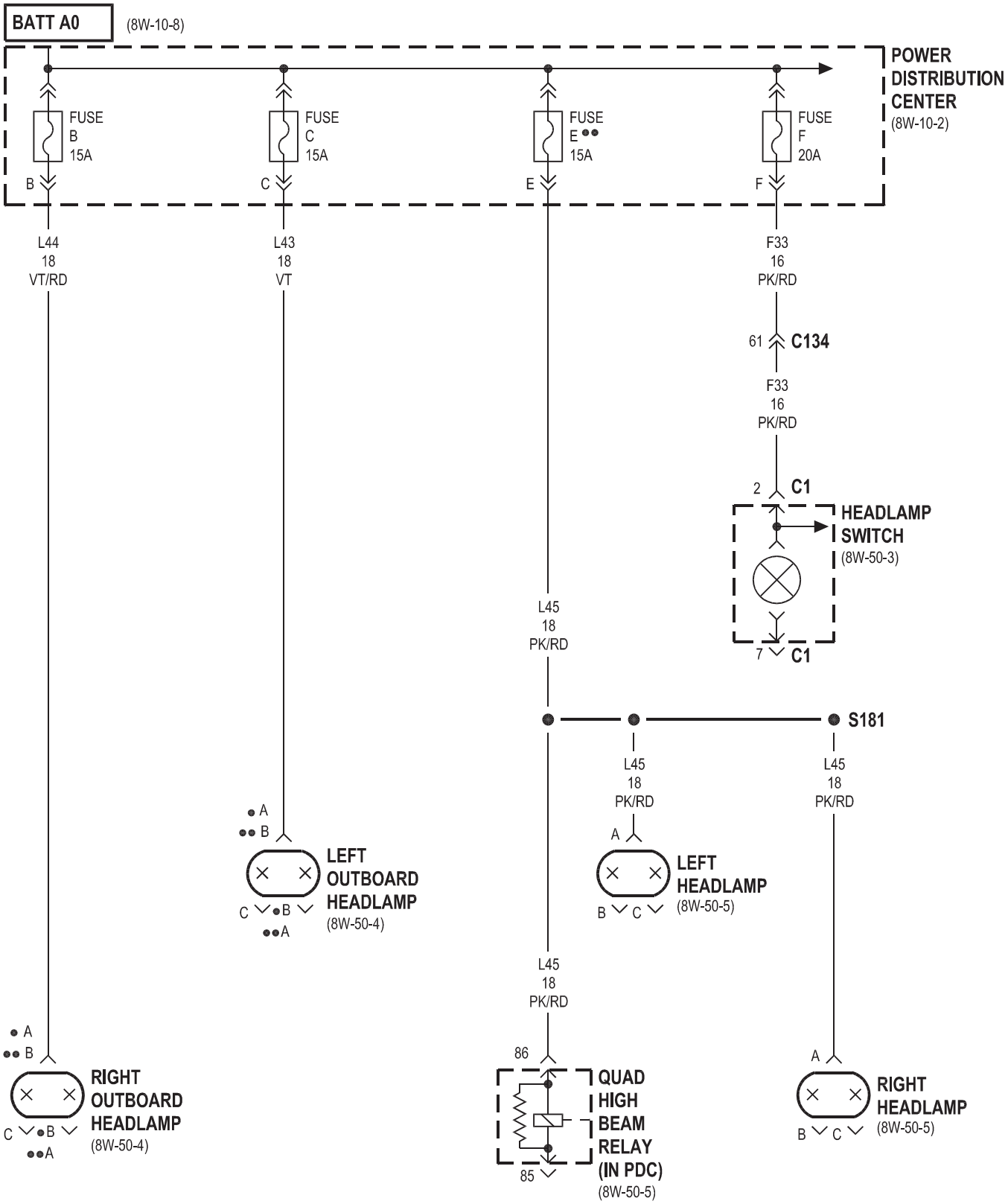

FROM
FUSE K
(IN PDC)
(8W-10-14)
D
A141
20
DG/WT
S176
(IN PDC)
A141
20
DG/WT
A141
20
DG/WT
A141
20
DG/WT
86
30
OXYGEN
SENSOR
DOWNSTREAM
RELAY
(IN PDC)
(8W-30-19)
85
87
A341
20
DG/YL
28
C130
30
A141
18
DG/WT
A341
18
DG/YL
S100
S130
A141
18
DG/WT
A141
18
DG/WT
A341
18
DG/YL
A341
18
DG/YL
1
OXYGEN
SENSOR
2/1
RIGHT
BANK
UP
(8W-30-20)
2
1
OXYGEN
SENSOR
2/2
RIGHT
BANK
DOWN
(8W-30-20)
2
2
OXYGEN
SENSOR
1/1
LEFT
BANK
UP
(8W-30-20)
1
1
OXYGEN
SENSOR
1/2
LEFT
BANK
DOWN
(8W-30-20)
2

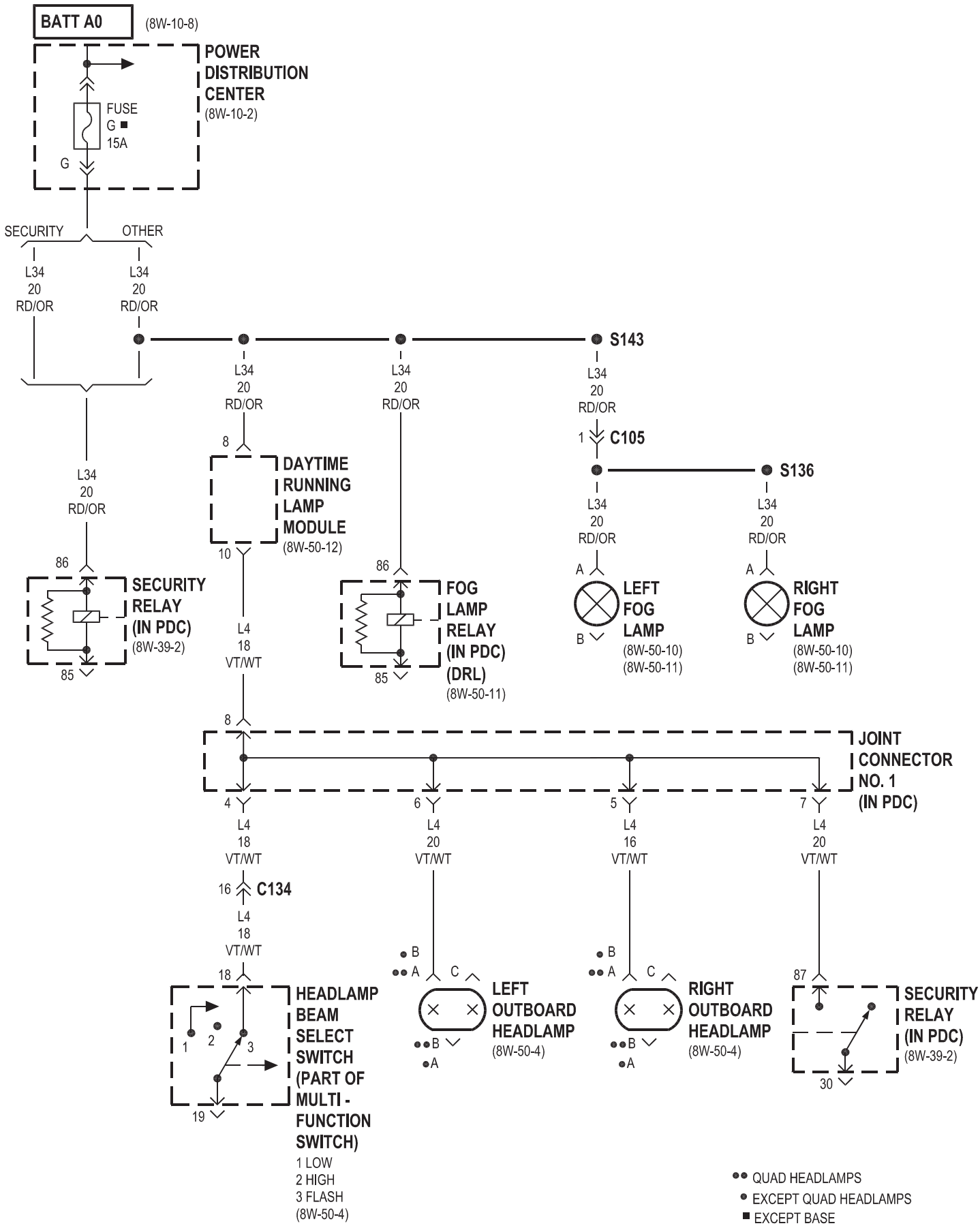

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 6 30A
FUSE 7 40A
6
7
A16 14 RD/LB
A112 12 RD/TN
2
JOINT CONNECTOR NO. 2 (IN PDC)
3
1
A16 14 RD/LB
A16 14 RD/LB
86
30
AUTOMATIC SHUT DOWN RELAY (IN PDC)
(8W-30-3)
85
87
30
FUEL HEATER RELAY (IN PDC)
(8W-30-36)
87
A142 14 DG/OR
A93 12 RD/BK
4
6
C130
A93 12 RD/BK
9
C125
A142 14 DG/OR
A93 12 RD/BK
12
C3
POWERTRAIN CONTROL MODULE
(8W-30-3)
B
FUEL HEATER
(8W-30-36)
A

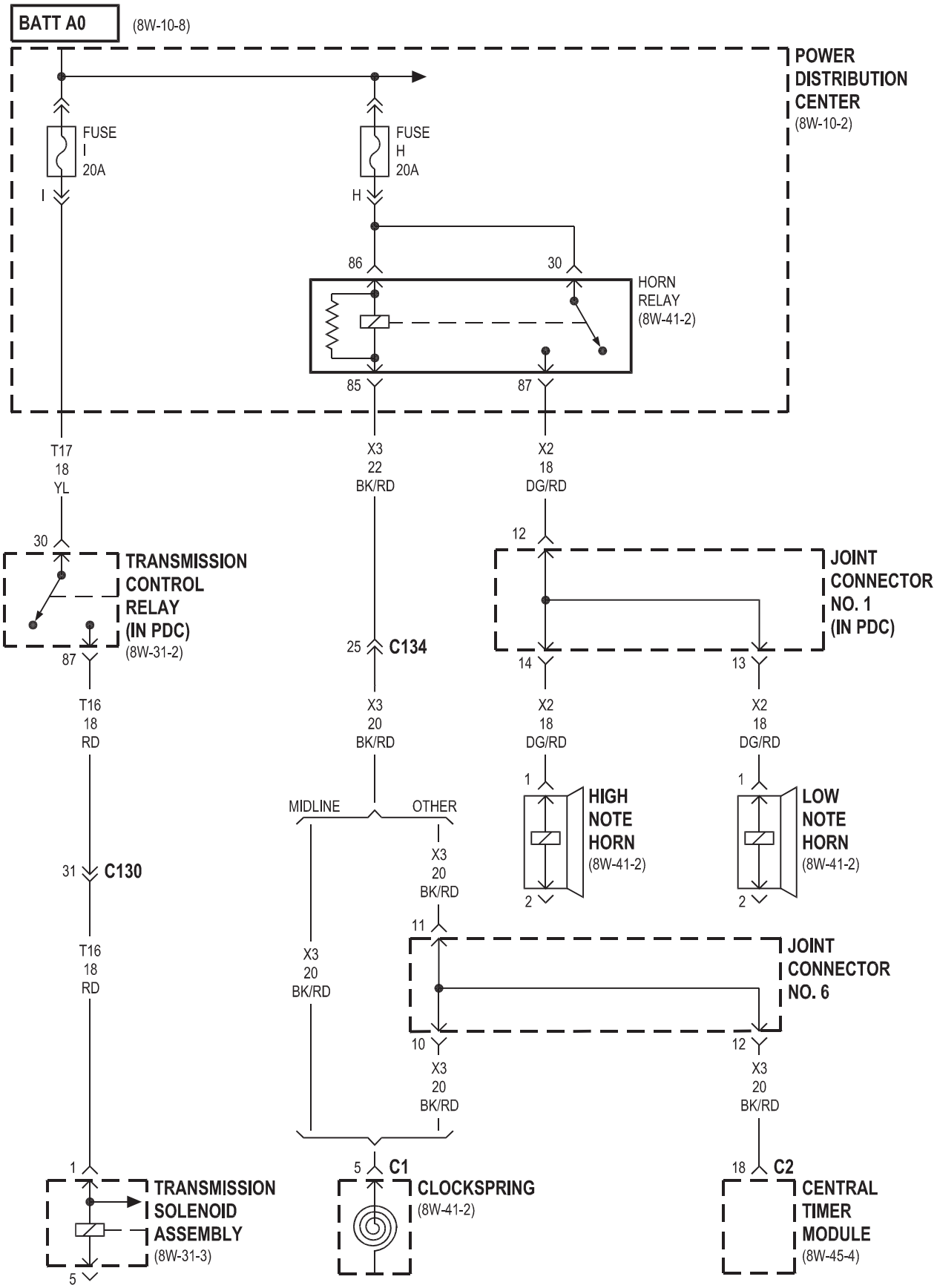

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 8 40A
8
A6 12 RD/OR
11
JOINT CONNECTOR NO. 2 (IN PDC)
10
12
13
A6 12 RD/OR
A6 12 RD/OR
A6 12 RD/OR
1
ELECTRIC BRAKE PROVISION
(8W-54-3)
30
TRAILER TOW RELAY (IN PDC)
(8W-54-2)
87
L76 12 BK/RD
12
9
C129
AFTERMARKET
OTHER
OTHER
AFTERMARKET
A6 12 RD/OR
A6 12 RD/OR
L76 12 BK/OR
L76 12 BK/OR
S318
S319
A6 14 RD/OR
L76 14 BK/OR
4
5
TRAILER TOW CONNECTOR
(8W-54-2)
4
3
AFTERMARKET TRAILER TOW CONNECTOR
(8W-54-2)

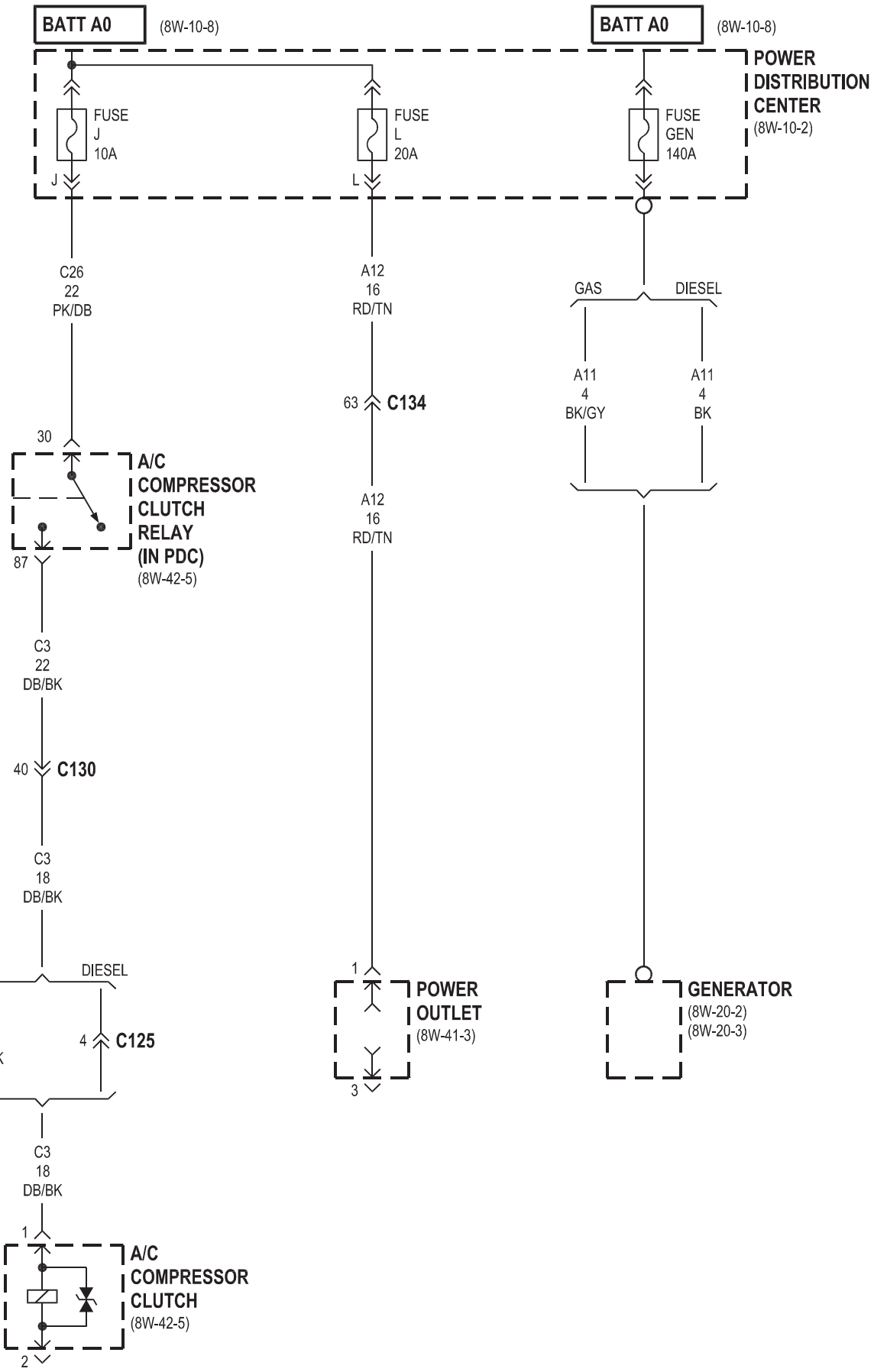

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 2 30A
(8W-10-10)
FUSE 10 50A
2
10
A2 14 PK/BK
A1 10 RD
10
13
C134
A2 14 PK/BK
A1 10 RD
4 C1
7 C1
IGNITION SWITCH
1 START
2 RUN
0 OFF
3 LOCK
4 ACC
5 KEY OUT
6 KEY IN
5 C1
2 C1
1 C1
6 C1
1 C2
2 C2
OTHER
BASE/MIDLINE
A22 14 BK/OR
A21 12 DB
A41 14 YL
A31 12 BK/WT
Z3 22 BK/OR
G75 22 TN
G26 22 LB
56
C134
A41 14 YL
17
JOINT CONNECTOR NO. 5
(8W-15-13)
5
19
JOINT CONNECTOR NO. 8
(8W-45-10)
18
10
JOINT CONNECTOR NO. 6
(8W-45-8)
8
RUN A22
(8W-12-6)
START A41
(8W-21-2)
RUN-ACC A31
(8W-12-6)
RUN-START A21
(8W-12-6)
Z3 18 BK/OR
G75 22 TN
G26 22 LB
1 C1
9 C1
CENTRAL TIMER MODULE
(8W-45-8)
G201
(8W-15-14)


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 9 30A
FUSE 11 40A
FUSE 12 40A
9
11
12
F45 18 YL
C111 12 DG/YL
30
ENGINE STARTER MOTOR RELAY (IN PDC)
(8W-21-2)
87
BLOWER MOTOR RELAY (IN PDC)
(8W-42-3)
T40 14 BR
A10 10 RD/DG
C1 12 DG
S113
11 C134
A10 14 RD/DG
7 C1
14 C1
CONTROLLER ANTILOCK BRAKE
(8W-34-2)
ENGINE STARTER MOTOR
(8W-21-2)
1
M
BLOWER MOTOR
(8W-42-4)
2


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE B 15A
FUSE C 15A
FUSE E •• 15A
FUSE F 20A
B
C
E
F
L44 18 VT/RD
L43 18 VT
F33 16 PK/RD
61 C134
F33 16 PK/RD
2 C1
HEADLAMP SWITCH
(8W-50-3)
7 C1
L45 18 PK/RD
S181
L45 18 PK/RD
L45 18 PK/RD
• A
•• B
LEFT OUTBOARD HEADLAMP
(8W-50-4)
C •B A ••
A
LEFT HEADLAMP
(8W-50-5)
B C
L45 18 PK/RD
86
QUAD HIGH BEAM RELAY (IN PDC)
(8W-50-5)
85
• A
•• B
RIGHT OUTBOARD HEADLAMP
(8W-50-4)
C •B A ••
A
RIGHT HEADLAMP
(8W-50-5)
B C
• EXCEPT QUAD HEADLAMPS
•• QUAD HEADLAMPS


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
G ■
15A
G
SECURITY
OTHER
L34
20
RD/OR
S143
C105
S136
DAYTIME RUNNING LAMP MODULE
(8W-50-12)
SECURITY RELAY (IN PDC)
(8W-39-2)
FOG LAMP RELAY (IN PDC) (DRL)
(8W-50-11)
LEFT FOG LAMP
(8W-50-10)
(8W-50-11)
RIGHT FOG LAMP
(8W-50-10)
(8W-50-11)
L4
18
VT/WT
JOINT CONNECTOR NO. 1 (IN PDC)
L4
20
VT/WT
L4
16
VT/WT
C134
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI - FUNCTION SWITCH)
1 LOW
2 HIGH
3 FLASH
(8W-50-4)
LEFT OUTBOARD HEADLAMP
(8W-50-4)
RIGHT OUTBOARD HEADLAMP
(8W-50-4)
SECURITY RELAY (IN PDC)
(8W-39-2)
●● QUAD HEADLAMPS
● EXCEPT QUAD HEADLAMPS
■ EXCEPT BASE

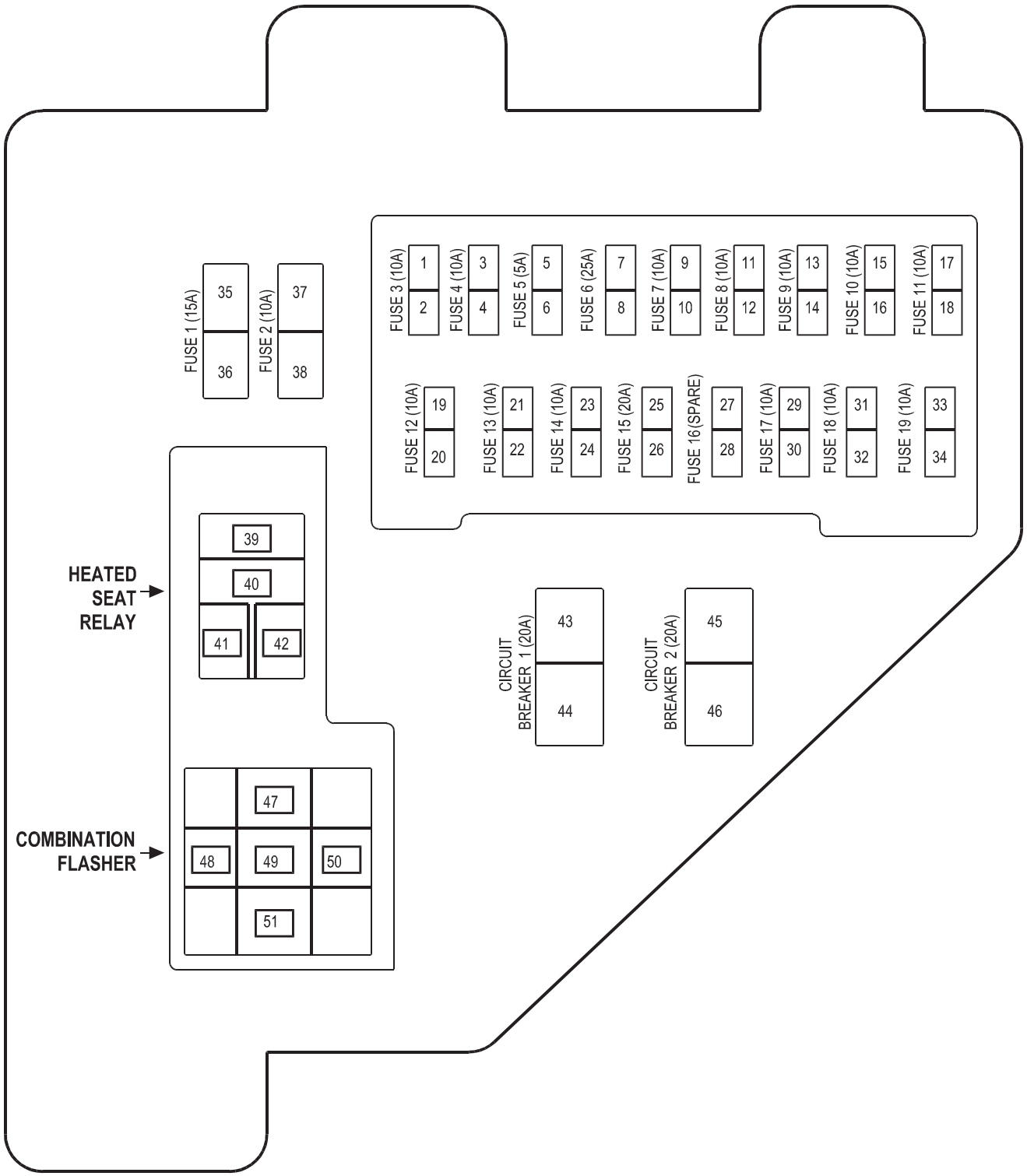

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE I 20A
FUSE H 20A
I
H
86
30
HORN RELAY
(8W-41-2)
85
87
T17 18 YL
X3 22 BK/RD
X2 18 DG/RD
30
TRANSMISSION CONTROL RELAY (IN PDC)
(8W-31-2)
87
12
JOINT CONNECTOR NO. 1 (IN PDC)
14
13
25 C134
T16 18 RD
X3 20 BK/RD
X2 18 DG/RD
X2 18 DG/RD
1
HIGH NOTE HORN
(8W-41-2)
2
1
LOW NOTE HORN
(8W-41-2)
2
MIDLINE
OTHER
31 C130
X3 20 BK/RD
11
JOINT CONNECTOR NO. 6
T16 18 RD
X3 20 BK/RD
10
12
X3 20 BK/RD
X3 20 BK/RD
1
5 C1
CLOCKSPRING
(8W-41-2)
18 C2
CENTRAL TIMER MODULE
(8W-45-4)
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
5

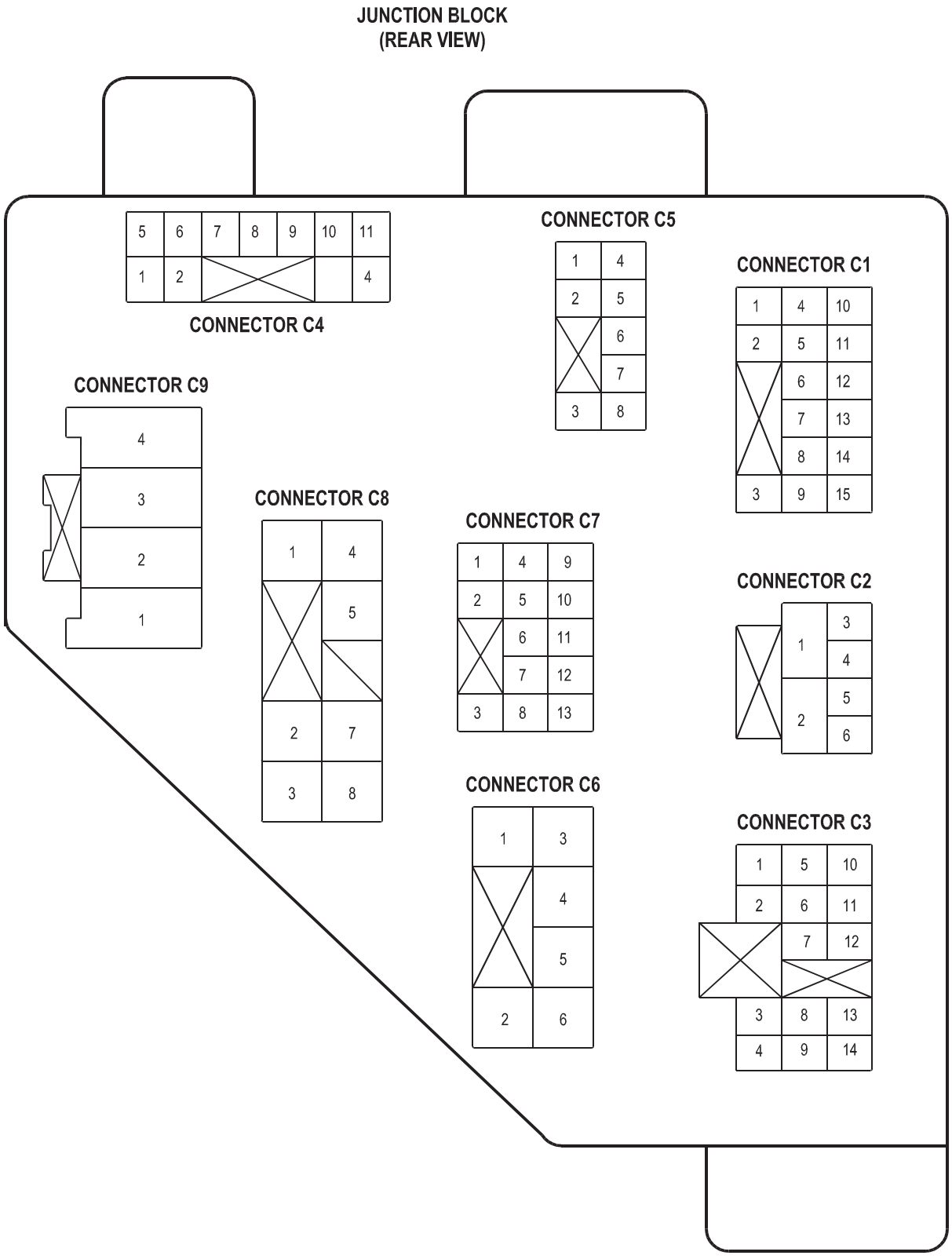

BATT A0
(8W-10-8)
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE J 10A
FUSE L 20A
FUSE GEN 140A
J
L
C26 22 PK/DB
A12 16 RD/TN
GAS
DIESEL
A11 4 BK/GY
A11 4 BK
63 C134
30
A/C COMPRESSOR CLUTCH RELAY (IN PDC)
(8W-42-5)
87
A12 16 RD/TN
C3 22 DB/BK
40 C130
C3 18 DB/BK
GAS
DIESEL
C3 18 DB/BK
4 C125
1
POWER OUTLET
(8W-41-3)
3
GENERATOR
(8W-20-2)
(8W-20-3)
C3 18 DB/BK
1
A/C COMPRESSOR CLUTCH
(8W-42-5)
2

8W-12 JUNCTION BLOCK

Component	Page
A/C Compressor Clutch Relay	8W-12-13
A/C Heater Temperature Select	8W-12-8
A/C-Heater Control	8W-12-9
Airbag Control Module	8W-12-17
Ambient Temperature Sensor	8W-12-19
Ash Receiver Lamp	8W-12-9
Automatic Day/Night Mirror	8W-12-13, 15, 21
Back-Up Lamp Switch	8W-12-11, 21
Blend Door Actuator	8W-12-8
Blower Motor Relay	8W-12-8
Cargo Lamp No. 1	8W-12-14
Cargo Lamp No. 2	8W-12-14
Central Timer Module	8W-12-8, 10, 13, 15
Cigar Lighter	8W-12-16
Circuit Breaker 1	8W-12-6, 7
Circuit Breaker 2	8W-12-7
Combination Flasher	8W-12-6, 12, 15, 20
Controller Antilock Brake	8W-12-8
Cup Holder Lamp	8W-12-9
Data Link Connector	8W-12-14
Daytime Running Lamp Module	8W-12-11
Dome Lamp	8W-12-14
Driver Door Window/Lock Switch	8W-12-7, 15
Driver Heated Seat Switch	8W-12-8, 9
Driver Power Seat Switch	8W-12-7
Engine Control Module	8W-12-12
EVAP/Purge Solenoid	8W-12-13
Fuel Heater Relay	8W-12-13
Fuel Pump Relay	8W-12-12
Fuse 1 (JB)	8W-12-8
Fuse 1 (PDC)	8W-12-16
Fuse 2 (JB)	8W-12-6, 8
Fuse 3 (JB)	8W-12-6, 8
Fuse 4 (JB)	8W-12-10
Fuse 4 (PDC)	8W-12-20
Fuse 5 (JB)	8W-12-9
Fuse 6 (JB)	8W-12-6, 10
Fuse 7 (JB)	8W-12-6, 11
Fuse 8 (JB)	8W-12-6, 11
Fuse 9 (JB)	8W-12-6, 11
Fuse 10 (JB)	8W-12-6, 12, 20
Fuse 11 (JB)	8W-12-6, 13
Fuse 12 (JB)	8W-12-14
Fuse 13 (JB)	8W-12-15
Fuse 14 (JB)	8W-12-16
Fuse 15 (JB)	8W-12-6, 16
Fuse 16 (JB)	8W-12-6, 16
Fuse 17 (JB)	8W-12-6, 17
Fuse 18 (JB)	8W-12-6, 17
Fuse 19 (JB)	8W-12-6, 17
G100	8W-12-18
G200	8W-12-15, 19
G201	8W-12-15, 18, 20
Glove Box Lamp And Switch	8W-12-14
Headlamp Switch	8W-12-9
Heated Mirror Switch	8W-12-8
Heated Seat Relay	8W-12-8
Ignition Switch	8W-12-6, 20
Instrument Cluster	8W-12-9, 16, 17, 18
Intermittent Wiper Switch	8W-12-10
Joint Connector No. 1	8W-12-11, 21
Joint Connector No. 5	8W-12-9, 14
Joint Connector No. 6	8W-12-10
Joint Connector No. 8	8W-12-8, 9, 17
Junction Block	8W-12-2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
Left Park/Turn Signal Lamp	8W-12-18
Left Visor/Vanity Lamp	8W-12-14, 15
Overhead Console	8W-12-13, 14, 19, 21
Park/Neutral Position Switch	8W-12-11, 21
Passenger Airbag On/Off Switch	8W-12-17
Passenger Door Window/Lock Switch	8W-12-7, 15
Passenger Heated Seat Switch	8W-12-8, 9
Passenger Power Seat Switch	8W-12-7
Power Distribution Center	8W-12-16, 20
Power Mirror Switch	8W-12-14, 21
Powertrain Control Module	8W-12-12
Radio	8W-12-9, 11, 14
Radio Choke Relay	8W-12-10
Right Park/Turn Signal Lamp	8W-12-18
Right Visor/Vanity Lamp	8W-12-14, 15
Seat Heat Interface Module	8W-12-8
Turn Signal/Hazard Switch	8W-12-18, 20
Underhood Lamp	8W-12-14
Windshield Washer Pump	8W-12-10
Wiper Motor	8W-12-10
Wiper Motor Relay	8W-12-10

JUNCTION BLOCK
(FRONT VIEW)




JUNCTION BLOCK
(REAR VIEW)
CONNECTOR C4
5 6 7 8 9 10 11
1 2 4
CONNECTOR C5
1 4
2 5
6
7
3 8
CONNECTOR C1
1 4 10
2 5 11
6 12
7 13
8 14
3 9 15
CONNECTOR C9
4
3
2
1
CONNECTOR C8
1 4
5
2 7
3 8
CONNECTOR C7
1 4 9
2 5 10
6 11
7 12
3 8 13
CONNECTOR C2
1 3
4
2 5
6
CONNECTOR C6
1 3
4
5
2 6
CONNECTOR C3
1 5 10
2 6 11
7 12
3 8 13
4 9 14

FUSES

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	15A	INTERNAL	FUSED B(+)
2	10A	F15 18DB	FUSED IGNITION SWITCH OUTPUT (RUN)
3	10A	A20 20RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
4	10A	X60 16DG/RD	RADIO 12V OUTPUT
5	5A	E2 22OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
6	25A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	10A	L10 18BR/LG	FUSED IGNITION SWITCH OUTPUT (RUN)
8	10A	X12 16RD/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	10A	F18 20LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-START)
10	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
11	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	10A	INTERNAL	FUSED B(+)
13	10A	INTERNAL	FUSED B(+)
14	10A	F73 20YL	FUSED B(+)
15	20A	F30 18RD/OR	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
16	-	-	-
17	10A	G5 22DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	10A	F23 18DB/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
19	10A	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT (RUN-START)

CIRCUIT BREAKERS

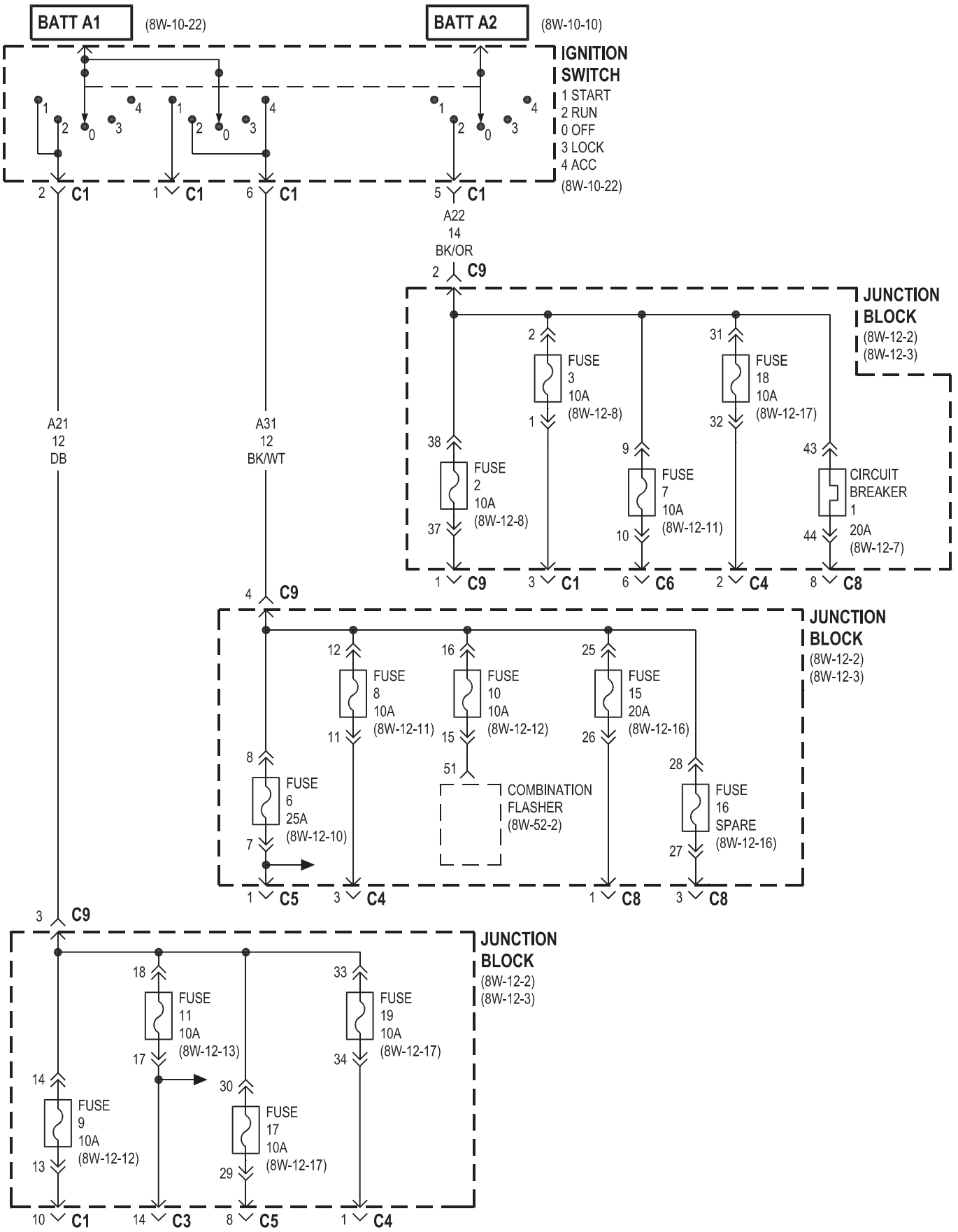
C.B. NO.	AMPS	CIRCUIT	FUNCTION
1	20A	F21 14TN	FUSED IGNITION SWITCH OUTPUT (RUN)
2	20A	F37 16RD/LB	FUSED B(+)

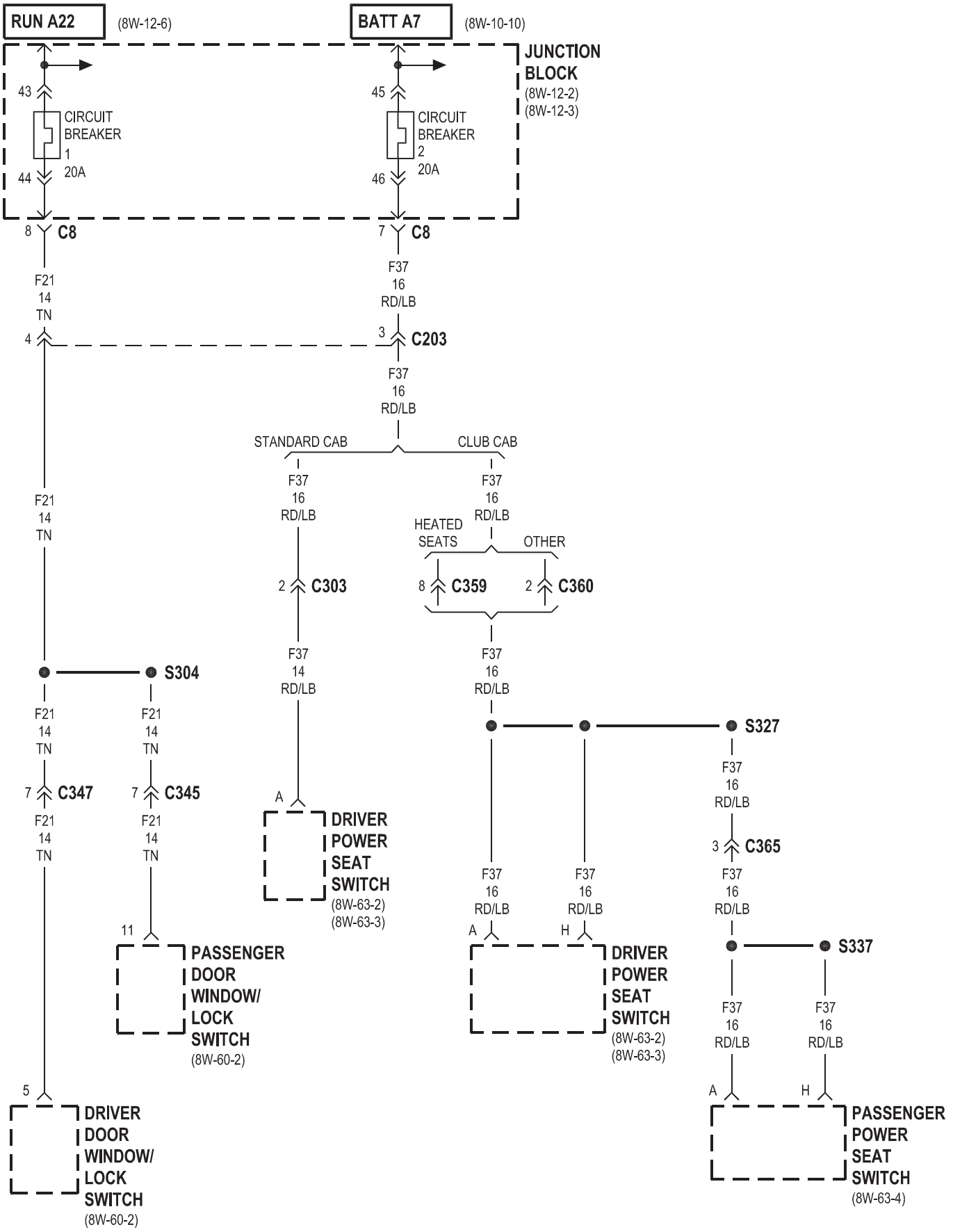
COMBINATION FLASHER

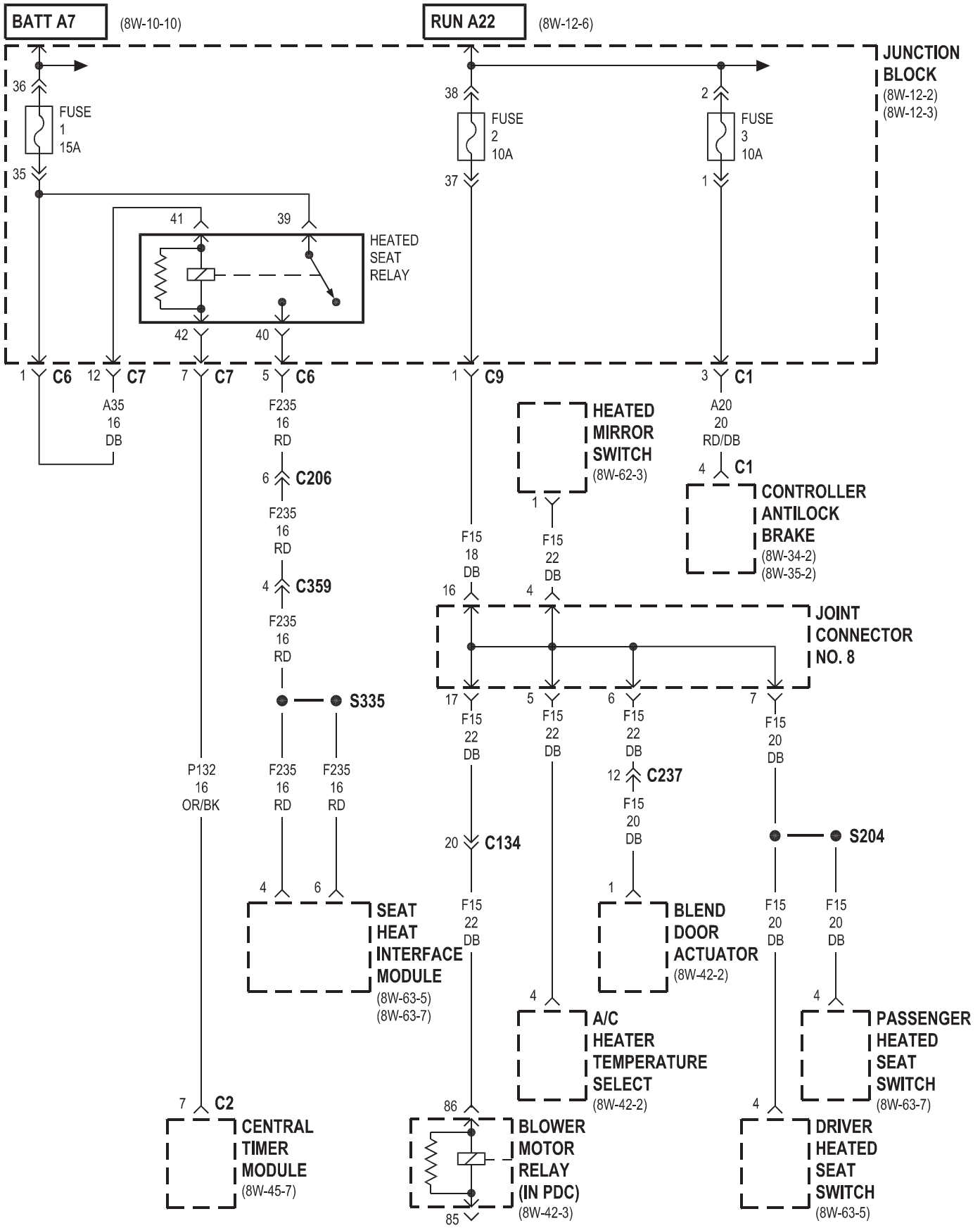
CAV	CIRCUIT	FUNCTION
47	L6 16RD/GY	FLASHER OUTPUT
48	L9 16BK/VT	FUSED FLASHER FEED
49	L19 16PK	HAZARD FLASHER SIGNAL
50	INTERNAL	GROUND
51	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)

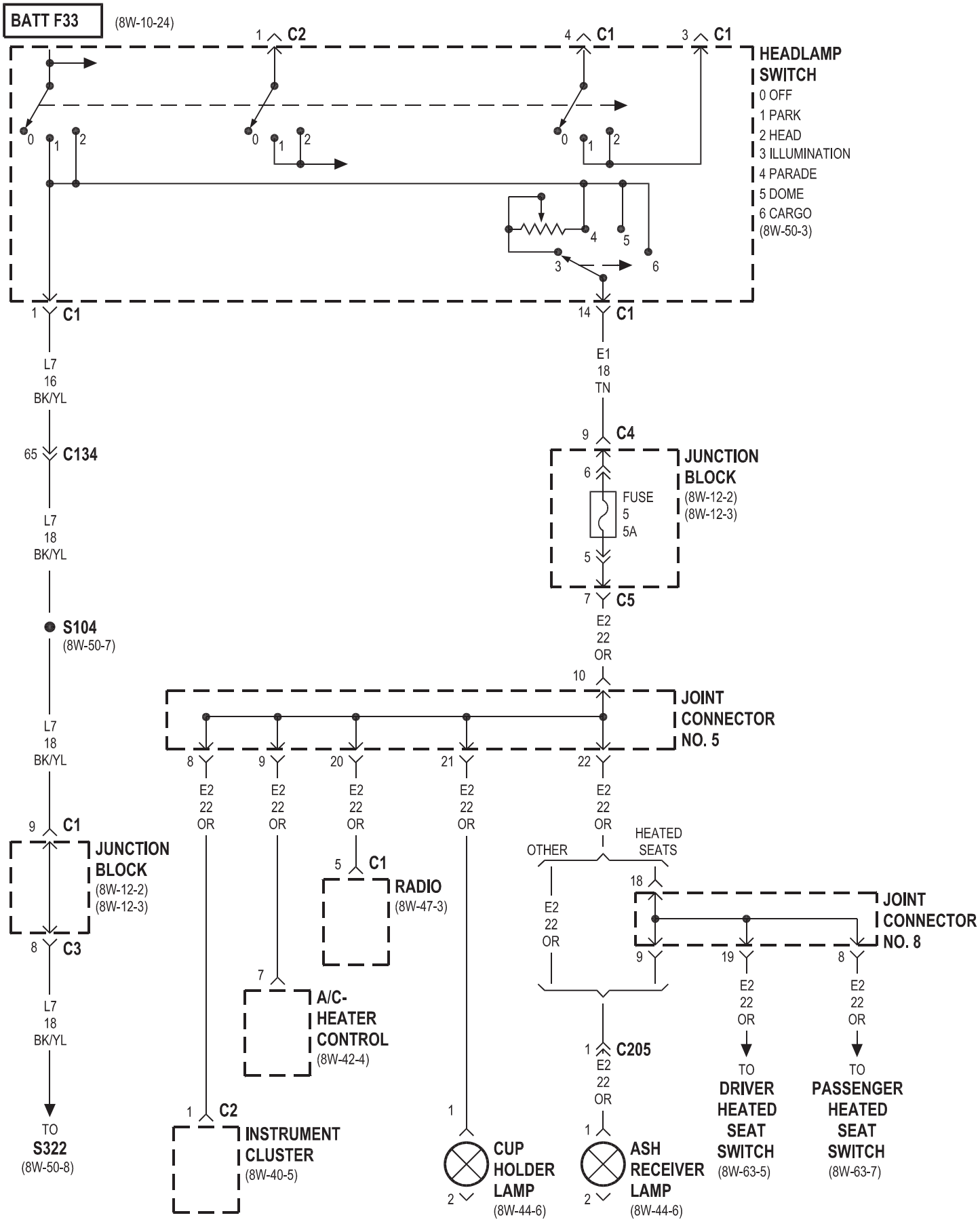
HEATED SEAT RELAY

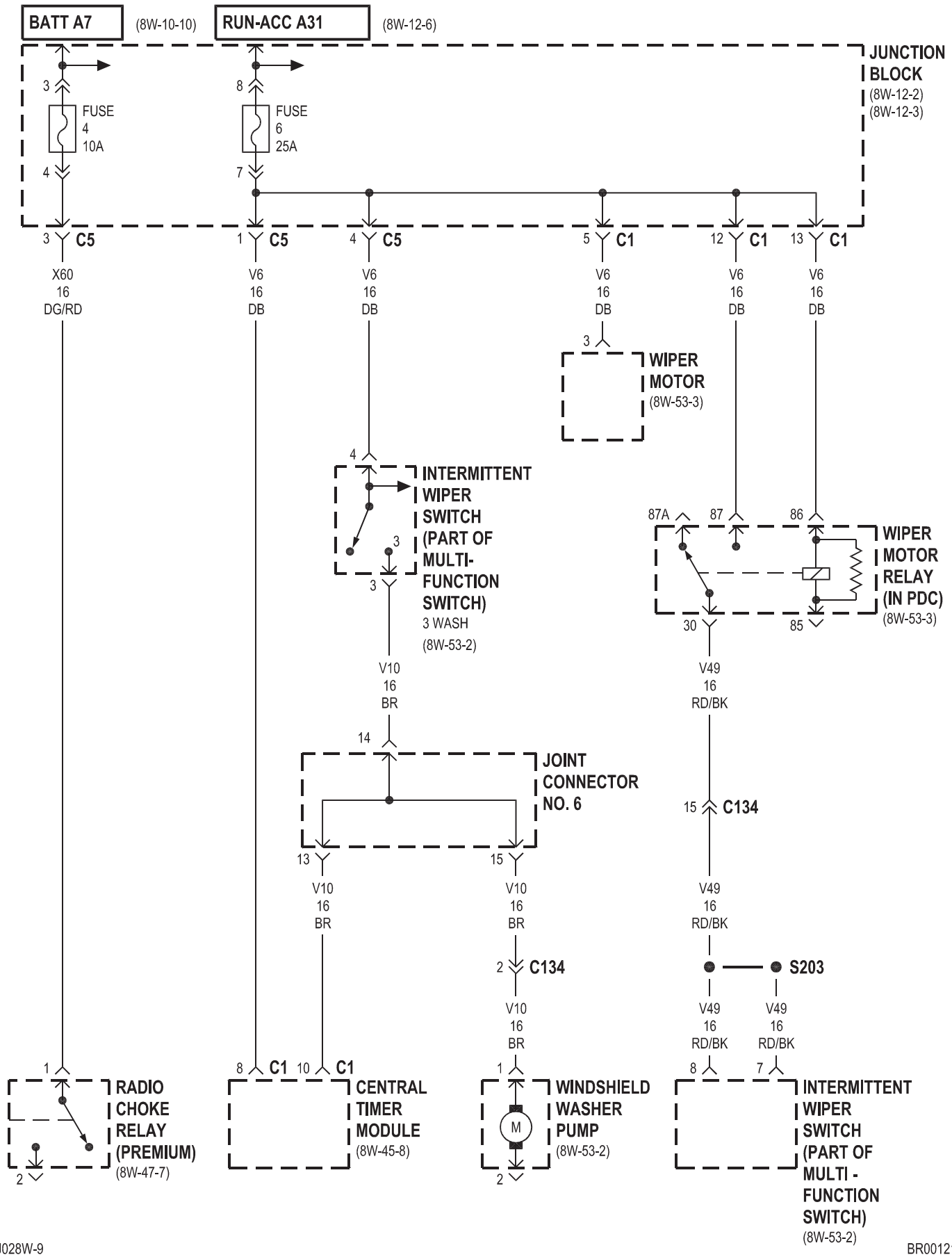
CAV	CIRCUIT	FUNCTION
39	INTERNAL	FUSED B(+)
40	F235 16RD	HEATED SEAT RELAY OUTPUT
41	A35 16DB	FUSED B(+)
42	P132 16OR/BK	HEATED SEAT ENABLE

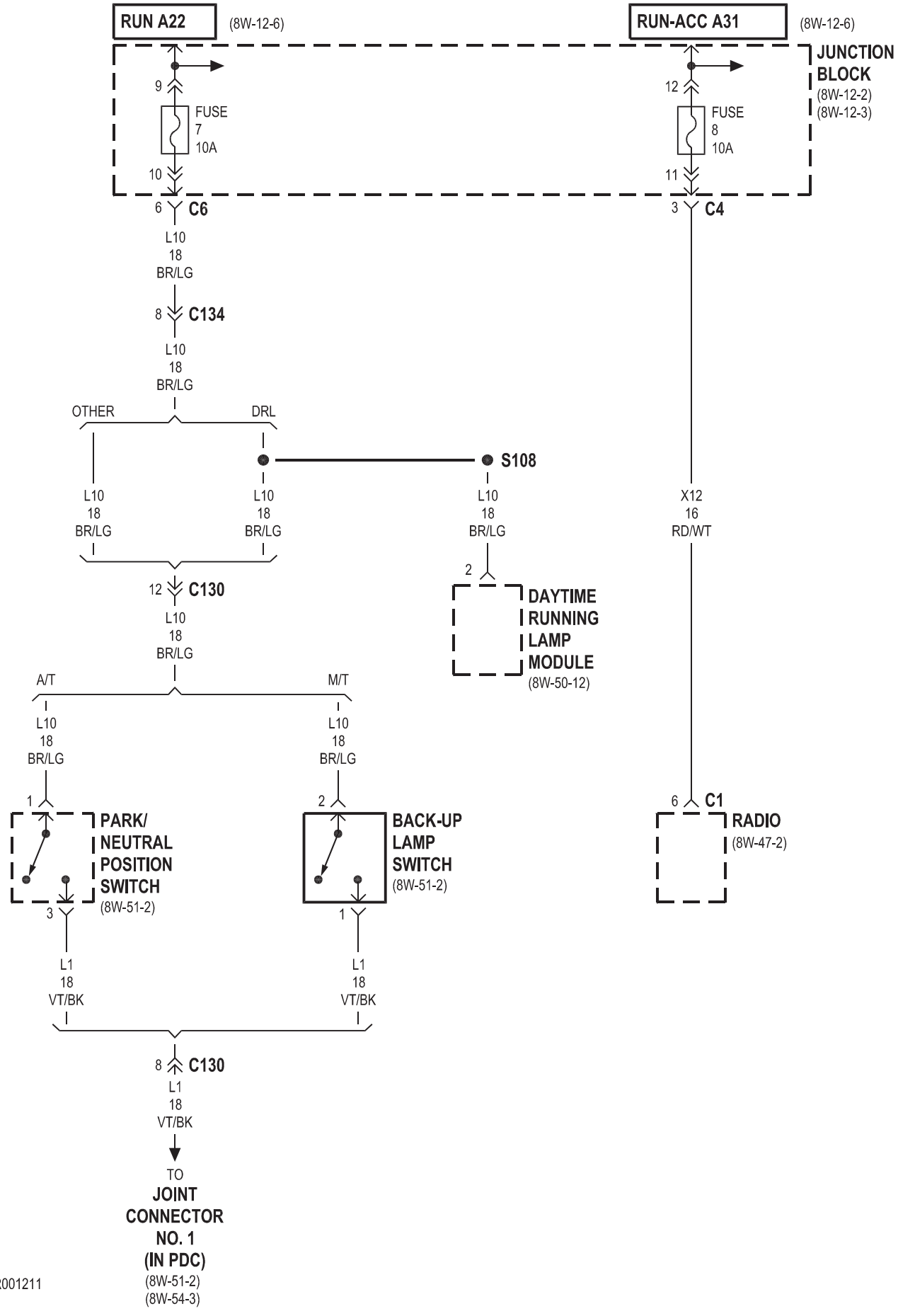

BATT A1
(8W-10-22)
BATT A2
(8W-10-10)
IGNITION SWITCH
1 START
2 RUN
0 OFF
3 LOCK
4 ACC
(8W-10-22)
2 C1
1 C1
6 C1
5 C1
A22
14
BK/OR
2 C9
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
A21
12
DB
A31
12
BK/WT
FUSE 3 10A (8W-12-8)
FUSE 18 10A (8W-12-17)
FUSE 2 10A (8W-12-8)
FUSE 7 10A (8W-12-11)
CIRCUIT BREAKER 1 20A (8W-12-7)
1 C9
3 C1
6 C6
2 C4
8 C8
4 C9
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE 8 10A (8W-12-11)
FUSE 10 10A (8W-12-12)
FUSE 15 20A (8W-12-16)
FUSE 6 25A (8W-12-10)
COMBINATION FLASHER (8W-52-2)
FUSE 16 SPARE (8W-12-16)
1 C5
3 C4
1 C8
3 C8
3 C9
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE 11 10A (8W-12-13)
FUSE 19 10A (8W-12-17)
FUSE 9 10A (8W-12-12)
FUSE 17 10A (8W-12-17)
10 C1
14 C3
8 C5
1 C4

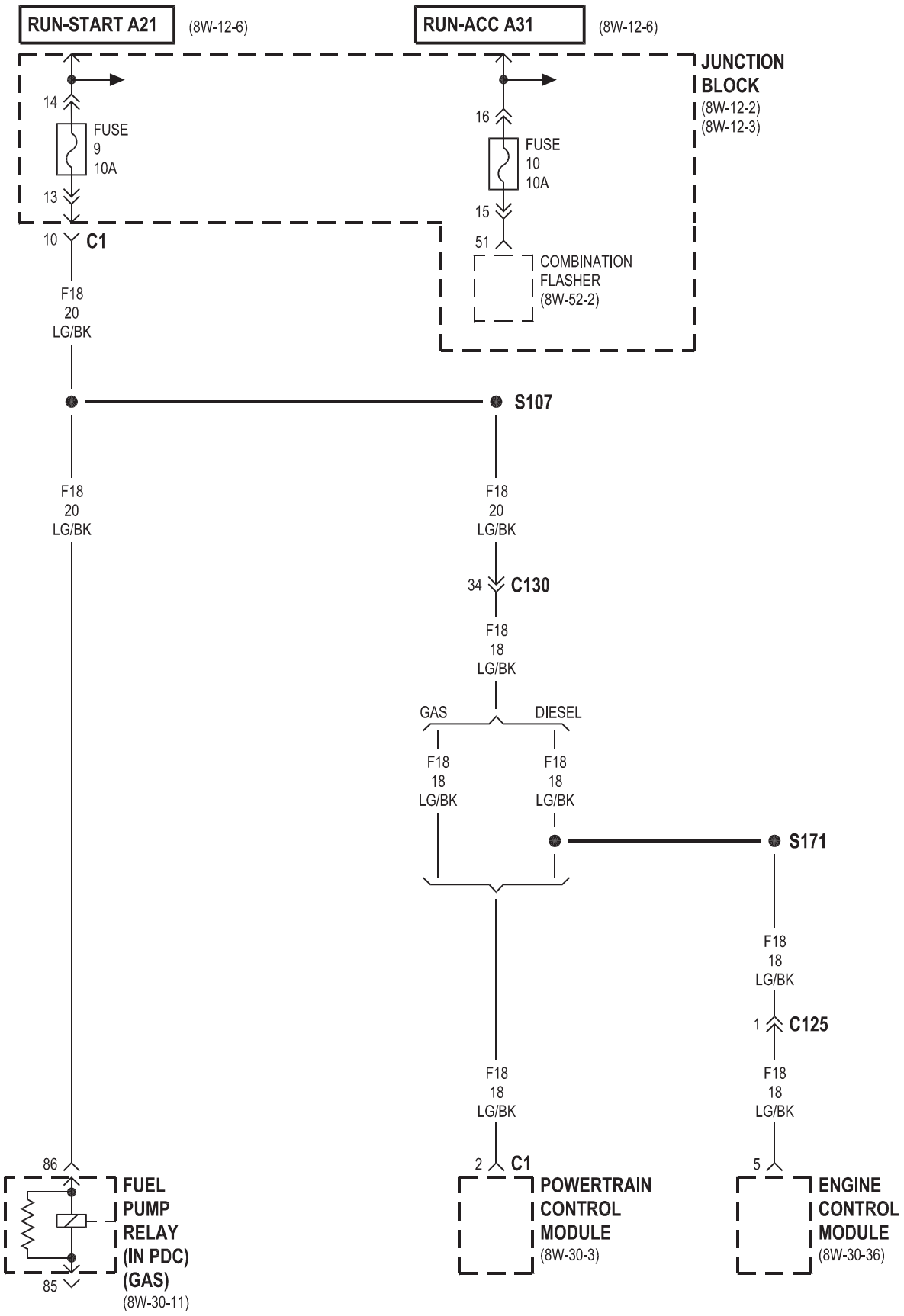

RUN A22
(8W-12-6)
BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
43
CIRCUIT BREAKER 1
20A
44
45
CIRCUIT BREAKER 2
20A
46
8 C8
7 C8
F21 14 TN
F37 16 RD/LB
4
3 C203
STANDARD CAB
CLUB CAB
HEATED SEATS
OTHER
2 C303
8 C359
2 C360
F37 14 RD/LB
S304
S327
S337
7 C347
7 C345
3 C365
A
DRIVER POWER SEAT SWITCH
(8W-63-2)
(8W-63-3)
11
PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-60-2)
H
5
DRIVER DOOR WINDOW/ LOCK SWITCH
(8W-60-2)
PASSENGER POWER SEAT SWITCH
(8W-63-4)

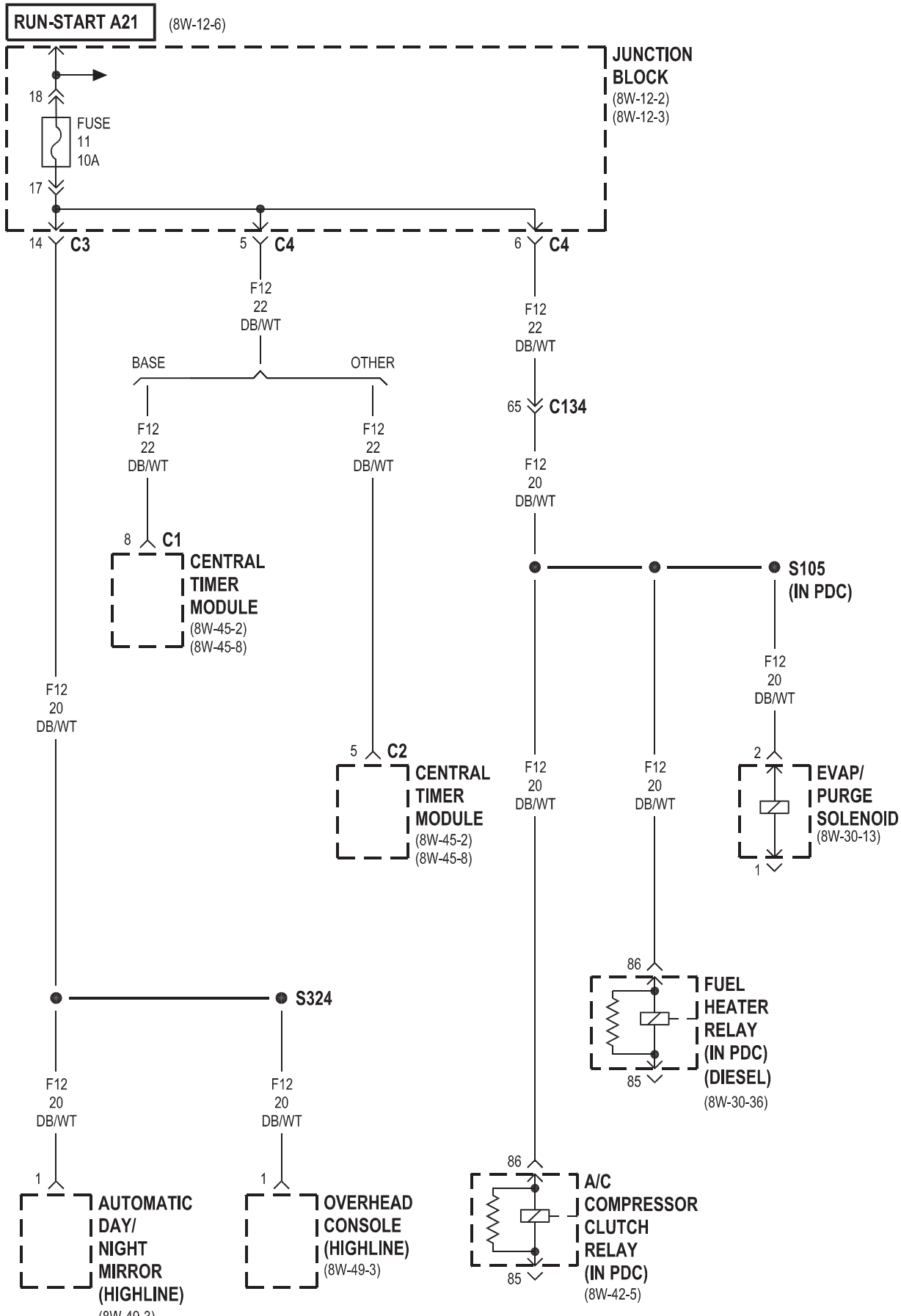

BATT A7
(8W-10-10)
RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
36
FUSE 1 15A
35
38
FUSE 2 10A
37
2
FUSE 3 10A
1
41
39
HEATED SEAT RELAY
42
40
1 C6
12 C7
7 C7
5 C6
1 C9
3 C1
A35 16 DB
F235 16 RD
6 C206
F235 16 RD
4 C359
F235 16 RD
S335
P132 16 OR/BK
F235 16 RD
F235 16 RD
4
6
SEAT HEAT INTERFACE MODULE
(8W-63-5)
(8W-63-7)
7 C2
CENTRAL TIMER MODULE
(8W-45-7)
HEATED MIRROR SWITCH
(8W-62-3)
1
F15 22 DB
A20 20 RD/DB
4 C1
CONTROLLER ANTILOCK BRAKE
(8W-34-2)
(8W-35-2)
F15 18 DB
16
F15 22 DB
4
JOINT CONNECTOR NO. 8
17
F15 22 DB
5
F15 22 DB
6
F15 22 DB
12 C237
F15 20 DB
7
F15 20 DB
S204
20 C134
F15 22 DB
1
BLEND DOOR ACTUATOR
(8W-42-2)
F15 20 DB
F15 20 DB
4
A/C HEATER TEMPERATURE SELECT
(8W-42-2)
4
PASSENGER HEATED SEAT SWITCH
(8W-63-7)
86
BLOWER MOTOR RELAY (IN PDC)
(8W-42-3)
85
4
DRIVER HEATED SEAT SWITCH
(8W-63-5)

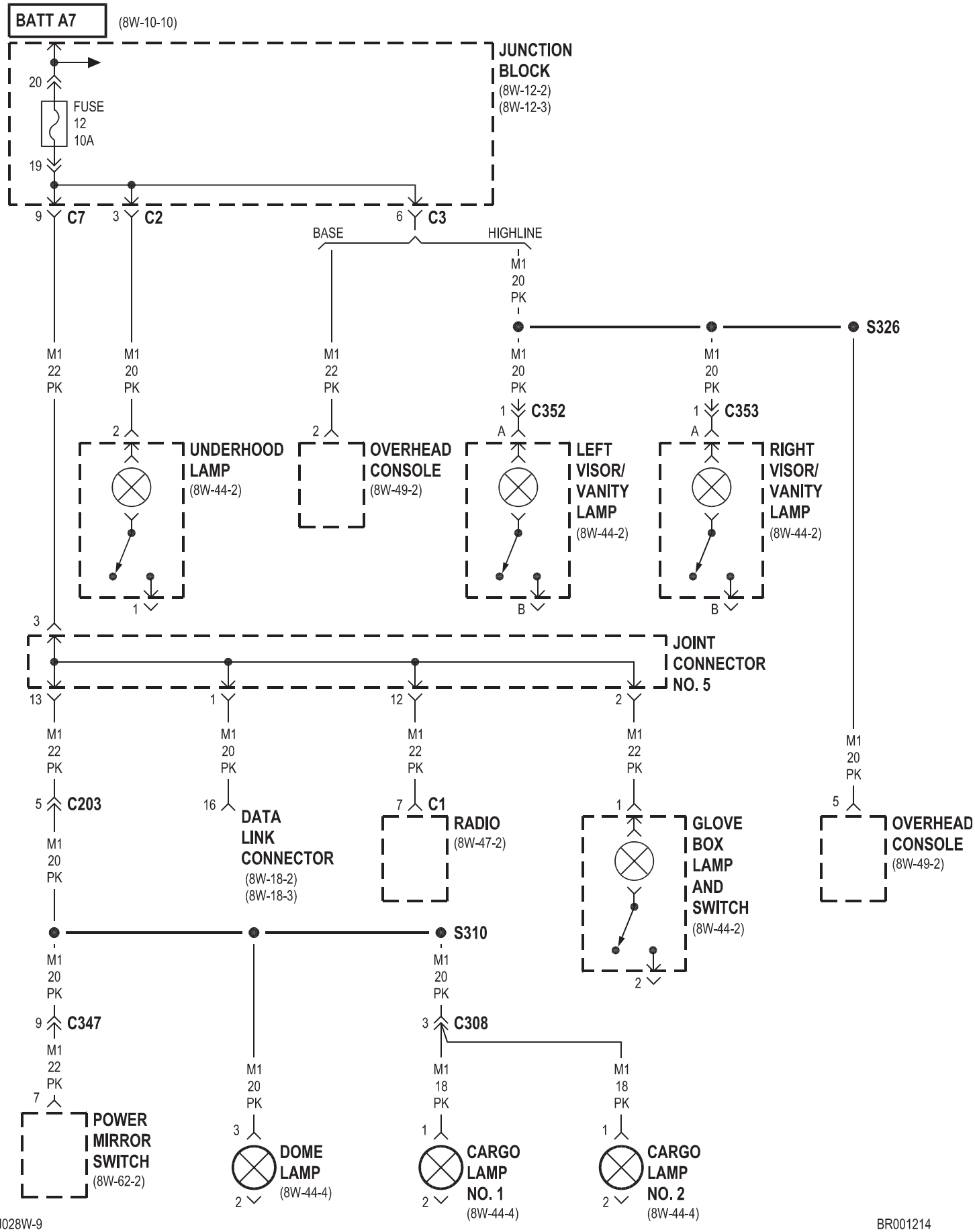

BATT F33
(8W-10-24)
1 C2
4 C1
3 C1
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
(8W-50-3)
1 C1
14 C1
L7 16 BK/YL
65 C134
L7 18 BK/YL
S104
(8W-50-7)
L7 18 BK/YL
9 C1
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
8 C3
L7 18 BK/YL
TO S322
(8W-50-8)
E1 18 TN
9 C4
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
6
FUSE 5 5A
5
7 C5
E2 22 OR
10
JOINT CONNECTOR NO. 5
8 E2 22 OR
9 E2 22 OR
20 E2 22 OR
21 E2 22 OR
22 E2 22 OR
5 C1
RADIO
(8W-47-3)
7
A/C-HEATER CONTROL
(8W-42-4)
1 C2
INSTRUMENT CLUSTER
(8W-40-5)
1
CUP HOLDER LAMP
2
(8W-44-6)
OTHER
HEATED SEATS
E2 22 OR
18
JOINT CONNECTOR NO. 8
9
19 E2 22 OR
TO DRIVER HEATED SEAT SWITCH
(8W-63-5)
8 E2 22 OR
TO PASSENGER HEATED SEAT SWITCH
(8W-63-7)
1 C205
E2 22 OR
1
ASH RECEIVER LAMP
2
(8W-44-6)

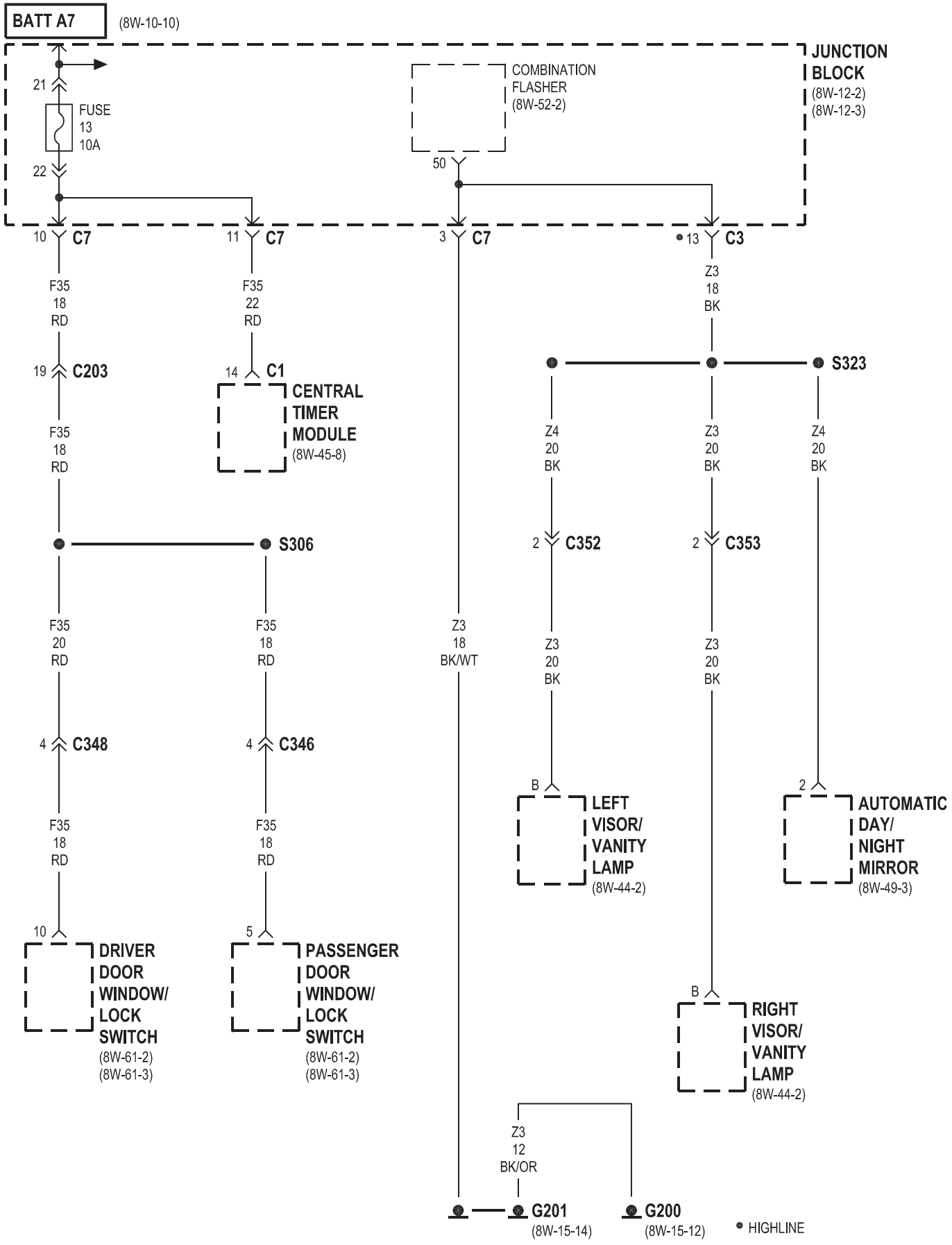

BATT A7
(8W-10-10)
RUN-ACC A31
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE 4 10A
FUSE 6 25A
C5
C1
X60 16 DG/RD
V6 16 DB
WIPER MOTOR
(8W-53-3)
INTERMITTENT WIPER SWITCH (PART OF MULTI-FUNCTION SWITCH)
3 WASH
(8W-53-2)
WIPER MOTOR RELAY (IN PDC)
(8W-53-3)
V10 16 BR
V49 16 RD/BK
JOINT CONNECTOR NO. 6
C134
S203
RADIO CHOKE RELAY (PREMIUM)
(8W-47-7)
CENTRAL TIMER MODULE
(8W-45-8)
WINDSHIELD WASHER PUMP
(8W-53-2)
INTERMITTENT WIPER SWITCH (PART OF MULTI - FUNCTION SWITCH)
(8W-53-2)

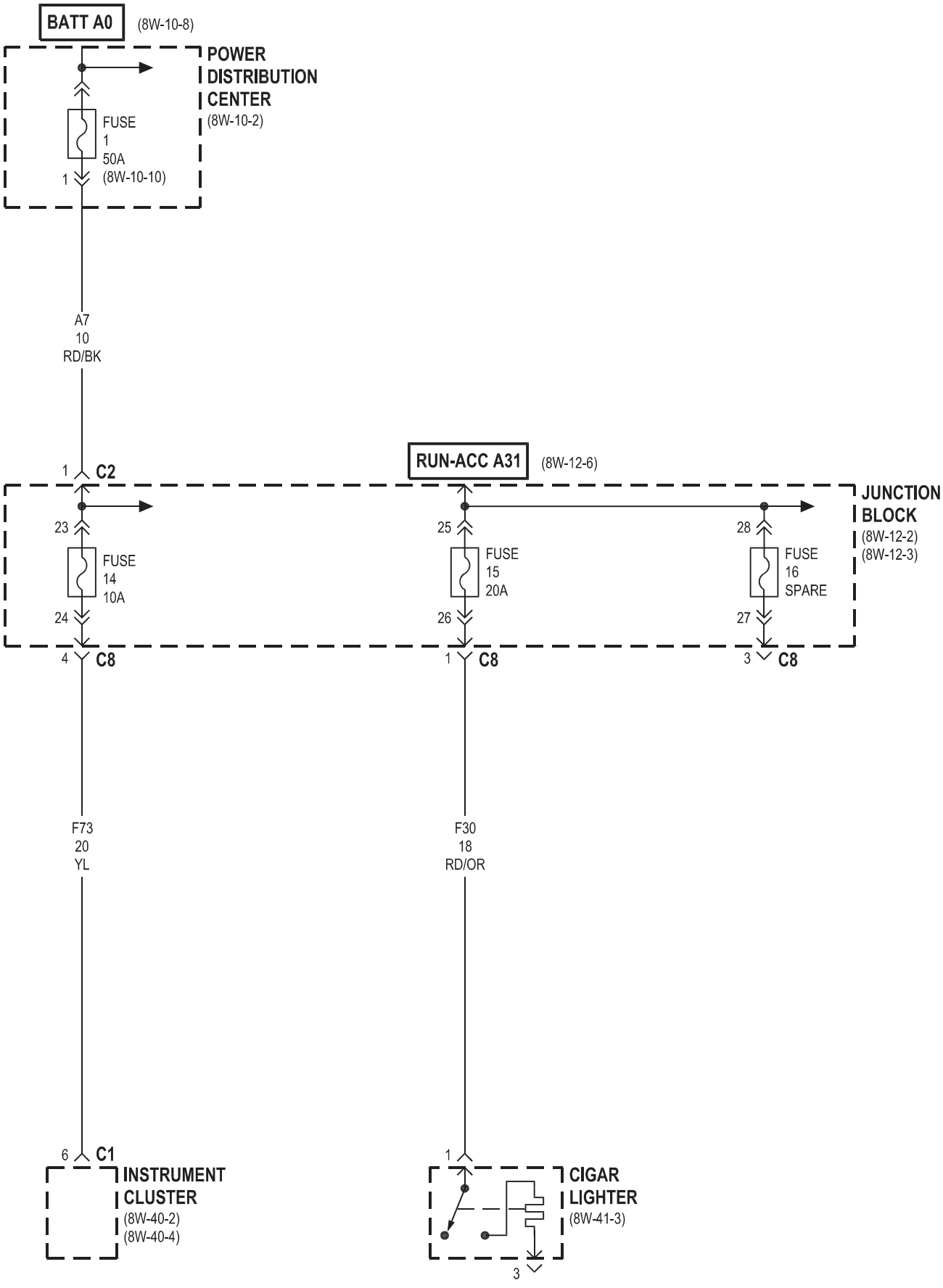

RUN A22
(8W-12-6)
RUN-ACC A31
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
9
FUSE 7 10A
10
12
FUSE 8 10A
11
6 C6
3 C4
L10 18 BR/LG
8 C134
L10 18 BR/LG
OTHER
DRL
S108
L10 18 BR/LG
L10 18 BR/LG
L10 18 BR/LG
X12 16 RD/WT
12 C130
L10 18 BR/LG
2
DAYTIME RUNNING LAMP MODULE
(8W-50-12)
A/T
M/T
L10 18 BR/LG
L10 18 BR/LG
1
PARK/ NEUTRAL POSITION SWITCH
(8W-51-2)
3
2
BACK-UP LAMP SWITCH
(8W-51-2)
1
6 C1
RADIO
(8W-47-2)
L1 18 VT/BK
L1 18 VT/BK
8 C130
L1 18 VT/BK
TO
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-51-2)
(8W-54-3)

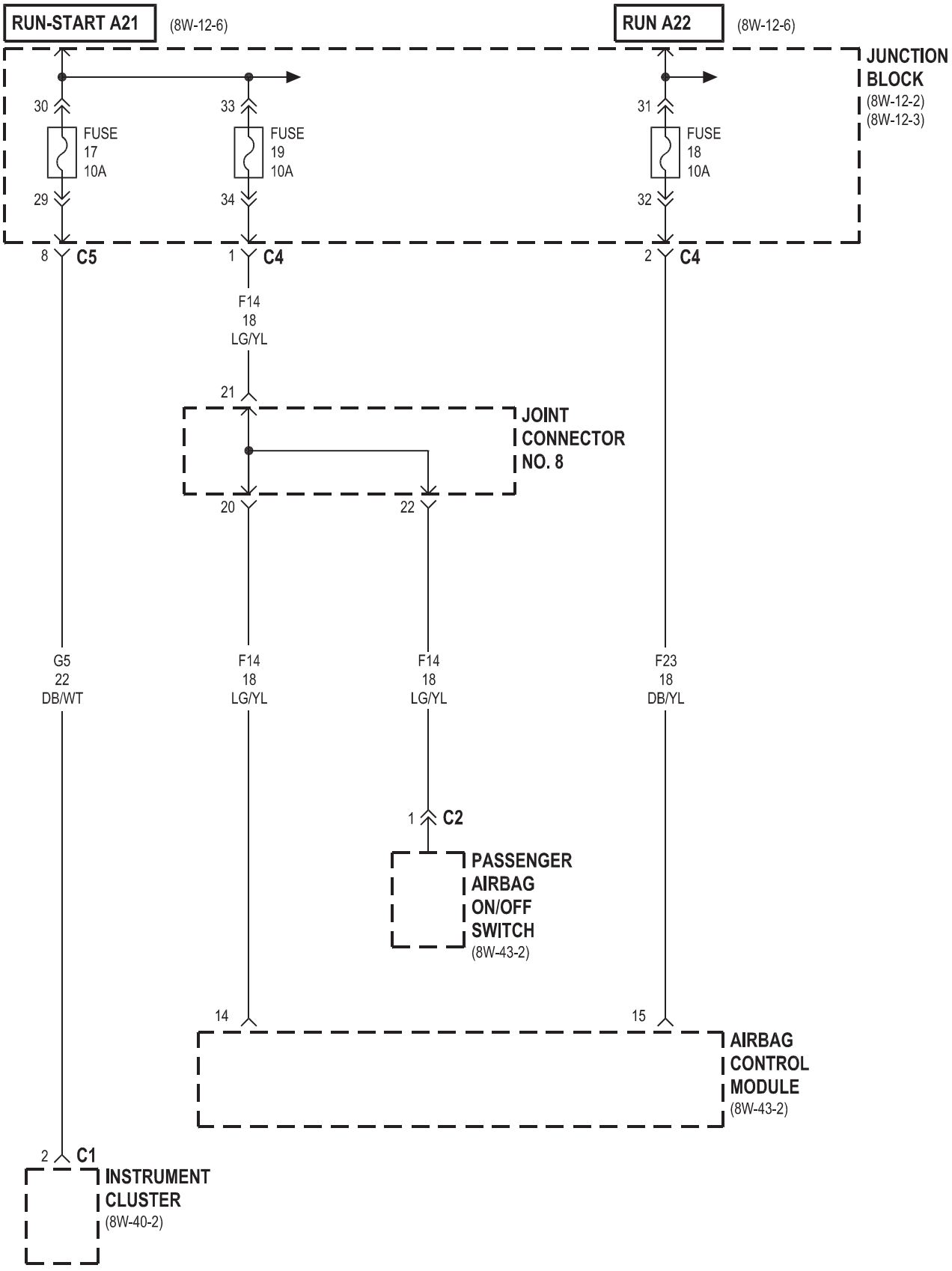

RUN-START A21
(8W-12-6)
RUN-ACC A31
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
14
FUSE 9 10A
13
16
FUSE 10 10A
15
51
COMBINATION FLASHER
(8W-52-2)
10
C1
F18 20 LG/BK
S107
F18 20 LG/BK
F18 20 LG/BK
34
C130
F18 18 LG/BK
GAS
DIESEL
F18 18 LG/BK
F18 18 LG/BK
S171
F18 18 LG/BK
1
C125
F18 18 LG/BK
F18 18 LG/BK
2
C1
POWERTRAIN CONTROL MODULE
(8W-30-3)
5
ENGINE CONTROL MODULE
(8W-30-36)
86
FUEL PUMP RELAY (IN PDC) (GAS)
85
(8W-30-11)

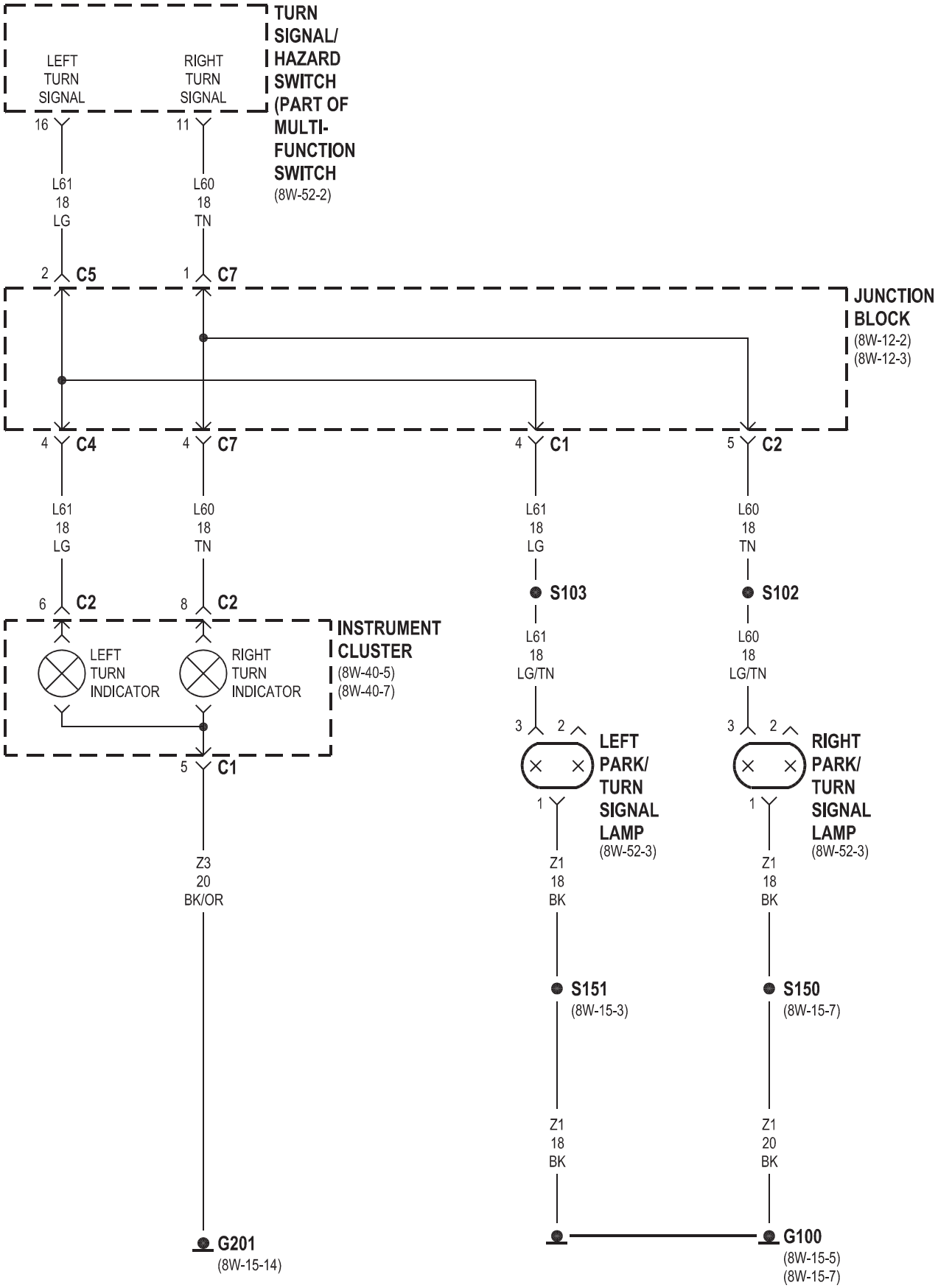

RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
17
14 C3
5 C4
6 C4
F12 22 DB/WT
F12 22 DB/WT
BASE
OTHER
F12 22 DB/WT
F12 22 DB/WT
65 C134
F12 20 DB/WT
8 C1
CENTRAL TIMER MODULE
(8W-45-2)
(8W-45-8)
S105
(IN PDC)
F12 20 DB/WT
F12 20 DB/WT
5 C2
CENTRAL TIMER MODULE
(8W-45-2)
(8W-45-8)
F12 20 DB/WT
F12 20 DB/WT
2
EVAP/ PURGE SOLENOID
(8W-30-13)
1
86
FUEL HEATER RELAY (IN PDC) (DIESEL)
85
(8W-30-36)
S324
F12 20 DB/WT
F12 20 DB/WT
1
AUTOMATIC DAY/ NIGHT MIRROR (HIGHLINE)
(8W-49-3)
1
OVERHEAD CONSOLE (HIGHLINE)
(8W-49-3)
86
A/C COMPRESSOR CLUTCH RELAY (IN PDC)
85
(8W-42-5)

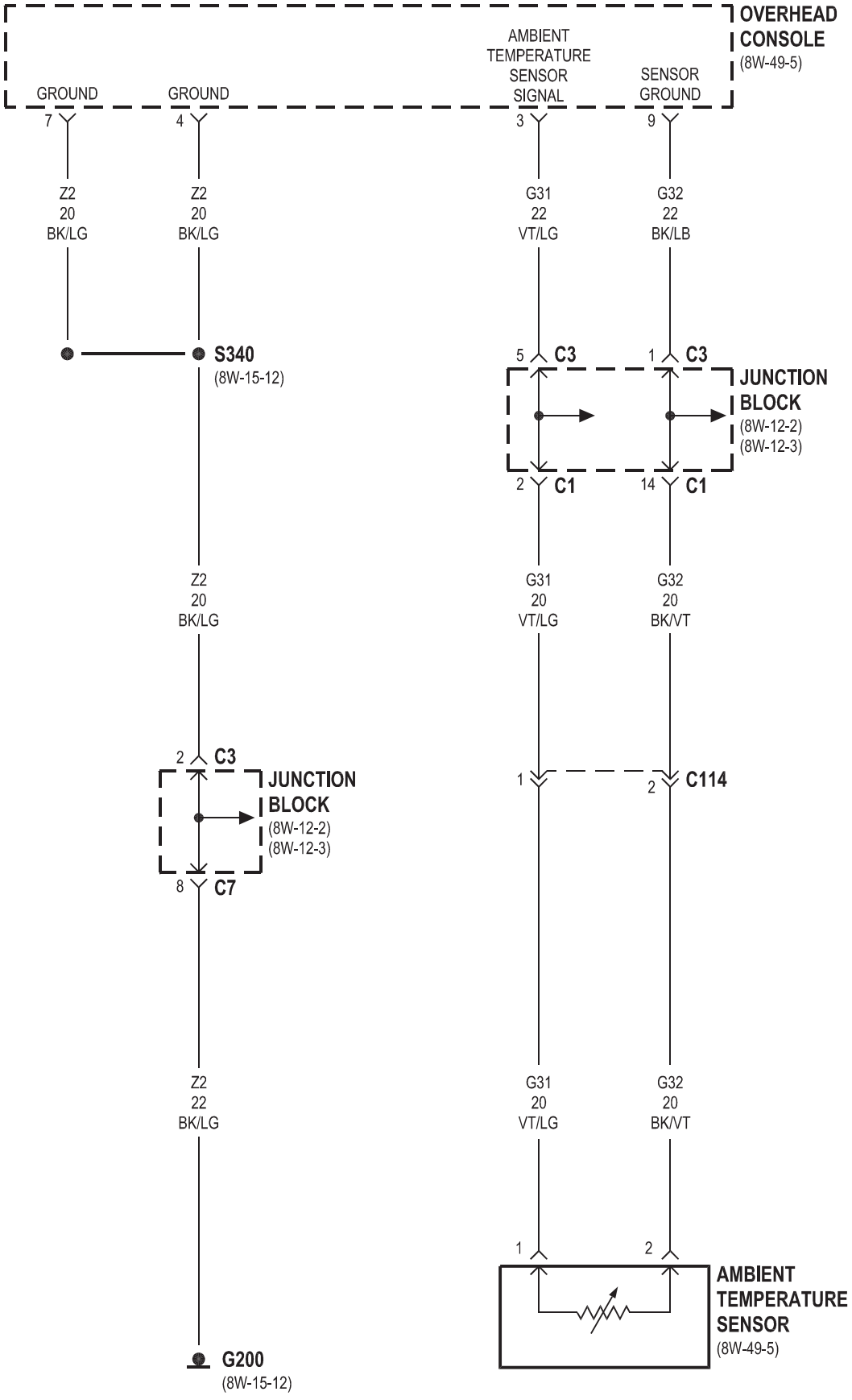

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
19
9 C7
3 C2
6 C3
BASE
HIGHLINE
M1 20 PK
S326
M1 22 PK
M1 20 PK
M1 22 PK
M1 20 PK
M1 20 PK
1 C352
A
1 C353
A
2
UNDERHOOD LAMP
(8W-44-2)
1
2
OVERHEAD CONSOLE
(8W-49-2)
LEFT VISOR/ VANITY LAMP
(8W-44-2)
B
RIGHT VISOR/ VANITY LAMP
(8W-44-2)
B
3
JOINT CONNECTOR NO. 5
13
1
12
2
M1 22 PK
M1 20 PK
M1 22 PK
M1 22 PK
M1 20 PK
5 C203
16
DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
7 C1
RADIO
(8W-47-2)
1
GLOVE BOX LAMP AND SWITCH
(8W-44-2)
2
5
OVERHEAD CONSOLE
(8W-49-2)
M1 20 PK
S310
M1 20 PK
9 C347
M1 22 PK
3 C308
7
POWER MIRROR SWITCH
(8W-62-2)
M1 20 PK
M1 18 PK
M1 18 PK
3
DOME LAMP
(8W-44-4)
2
1
CARGO LAMP NO. 1
(8W-44-4)
2
1
CARGO LAMP NO. 2
(8W-44-4)
2

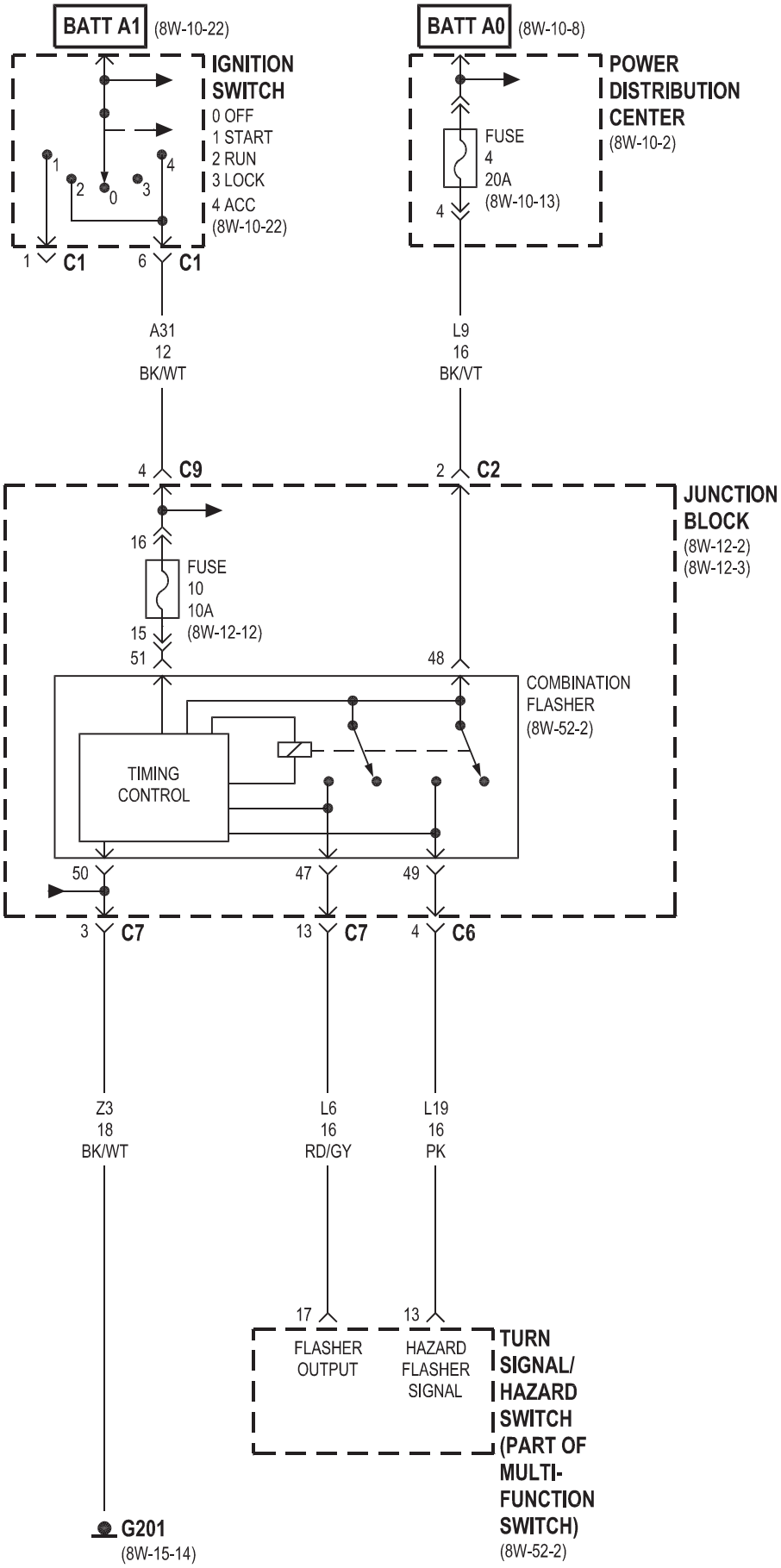

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
21
FUSE
13
10A
22
COMBINATION FLASHER
(8W-52-2)
50
10 C7
11 C7
3 C7
13 C3
F35
18
RD
F35
22
RD
Z3
18
BK
19 C203
14 C1
CENTRAL TIMER MODULE
(8W-45-8)
S323
Z4
20
BK
Z3
20
BK
Z4
20
BK
S306
F35
20
RD
F35
18
RD
Z3
18
BK/WT
2 C352
2 C353
Z3
20
BK
Z3
20
BK
4 C348
4 C346
B
2
LEFT VISOR/ VANITY LAMP
(8W-44-2)
AUTOMATIC DAY/ NIGHT MIRROR
(8W-49-3)
10
5
DRIVER DOOR WINDOW/ LOCK SWITCH
(8W-61-2)
(8W-61-3)
PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-61-2)
(8W-61-3)
B
RIGHT VISOR/ VANITY LAMP
(8W-44-2)
Z3
12
BK/OR
G201
(8W-15-14)
G200
(8W-15-12)
HIGHLINE

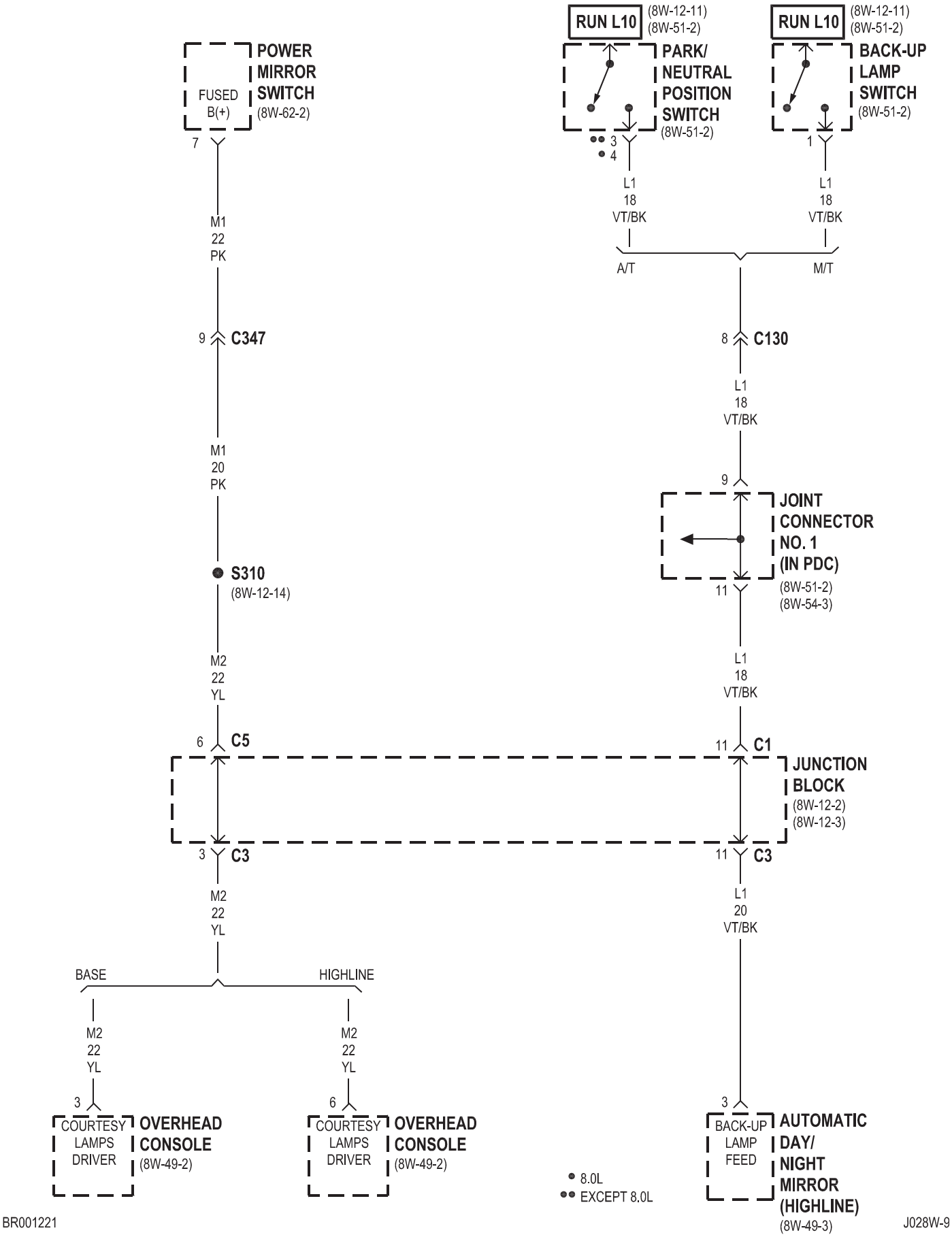

BATT A0
(8W-10-8)
POWER
DISTRIBUTION
CENTER
(8W-10-2)
FUSE
1
50A
(8W-10-10)
1
A7
10
RD/BK
1
C2
RUN-ACC A31
(8W-12-6)
JUNCTION
BLOCK
(8W-12-2)
(8W-12-3)
23
FUSE
14
10A
24
4
C8
25
FUSE
15
20A
26
1
C8
28
FUSE
16
SPARE
27
3
C8
F73
20
YL
F30
18
RD/OR
6
C1
INSTRUMENT
CLUSTER
(8W-40-2)
(8W-40-4)
1
CIGAR
LIGHTER
(8W-41-3)
3


RUN-START A21
(8W-12-6)
RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
30
FUSE 17 10A
29
33
FUSE 19 10A
34
31
FUSE 18 10A
32
8 C5
1 C4
2 C4
F14 18 LG/YL
21
JOINT CONNECTOR NO. 8
20
22
G5 22 DB/WT
F14 18 LG/YL
F14 18 LG/YL
F23 18 DB/YL
1 C2
PASSENGER AIRBAG ON/OFF SWITCH
(8W-43-2)
14
15
AIRBAG CONTROL MODULE
(8W-43-2)
2 C1
INSTRUMENT CLUSTER
(8W-40-2)


TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI-FUNCTION SWITCH
(8W-52-2)
LEFT TURN SIGNAL
RIGHT TURN SIGNAL
16
11
L61 18 LG
L60 18 TN
2 C5
1 C7
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
4 C4
4 C7
4 C1
5 C2
L61 18 LG
L60 18 TN
L61 18 LG
L60 18 TN
6 C2
8 C2
S103
S102
INSTRUMENT CLUSTER
(8W-40-5)
(8W-40-7)
LEFT TURN INDICATOR
RIGHT TURN INDICATOR
L61 18 LG/TN
L60 18 LG/TN
3 2
3 2
LEFT PARK/ TURN SIGNAL LAMP
(8W-52-3)
RIGHT PARK/ TURN SIGNAL LAMP
(8W-52-3)
1
1
5 C1
Z3 20 BK/OR
Z1 18 BK
Z1 18 BK
S151
(8W-15-3)
S150
(8W-15-7)
Z1 18 BK
Z1 20 BK
G201
(8W-15-14)
G100
(8W-15-5)
(8W-15-7)


OVERHEAD CONSOLE
(8W-49-5)
GROUND
GROUND
AMBIENT TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
7
4
3
9
Z2 20 BK/LG
Z2 20 BK/LG
G31 22 VT/LG
G32 22 BK/LB
S340
(8W-15-12)
5 C3
1 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
2 C1
14 C1
Z2 20 BK/LG
G31 20 VT/LG
G32 20 BK/VT
2 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
8 C7
1
2 C114
Z2 22 BK/LG
G31 20 VT/LG
G32 20 BK/VT
1
2
AMBIENT TEMPERATURE SENSOR
(8W-49-5)
G200
(8W-15-12)


BATT A1
(8W-10-22)
IGNITION SWITCH
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-10-22)
1 C1
6 C1
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
4
20A
(8W-10-13)
4
A31
12
BK/WT
L9
16
BK/VT
4 C9
2 C2
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
16
FUSE
10
10A
(8W-12-12)
15
51
48
COMBINATION FLASHER
(8W-52-2)
TIMING CONTROL
50
47
49
3 C7
13 C7
4 C6
Z3
18
BK/WT
L6
16
RD/GY
L19
16
PK
17
13
FLASHER OUTPUT
HAZARD FLASHER SIGNAL
TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI-FUNCTION SWITCH)
(8W-52-2)
G201
(8W-15-14)

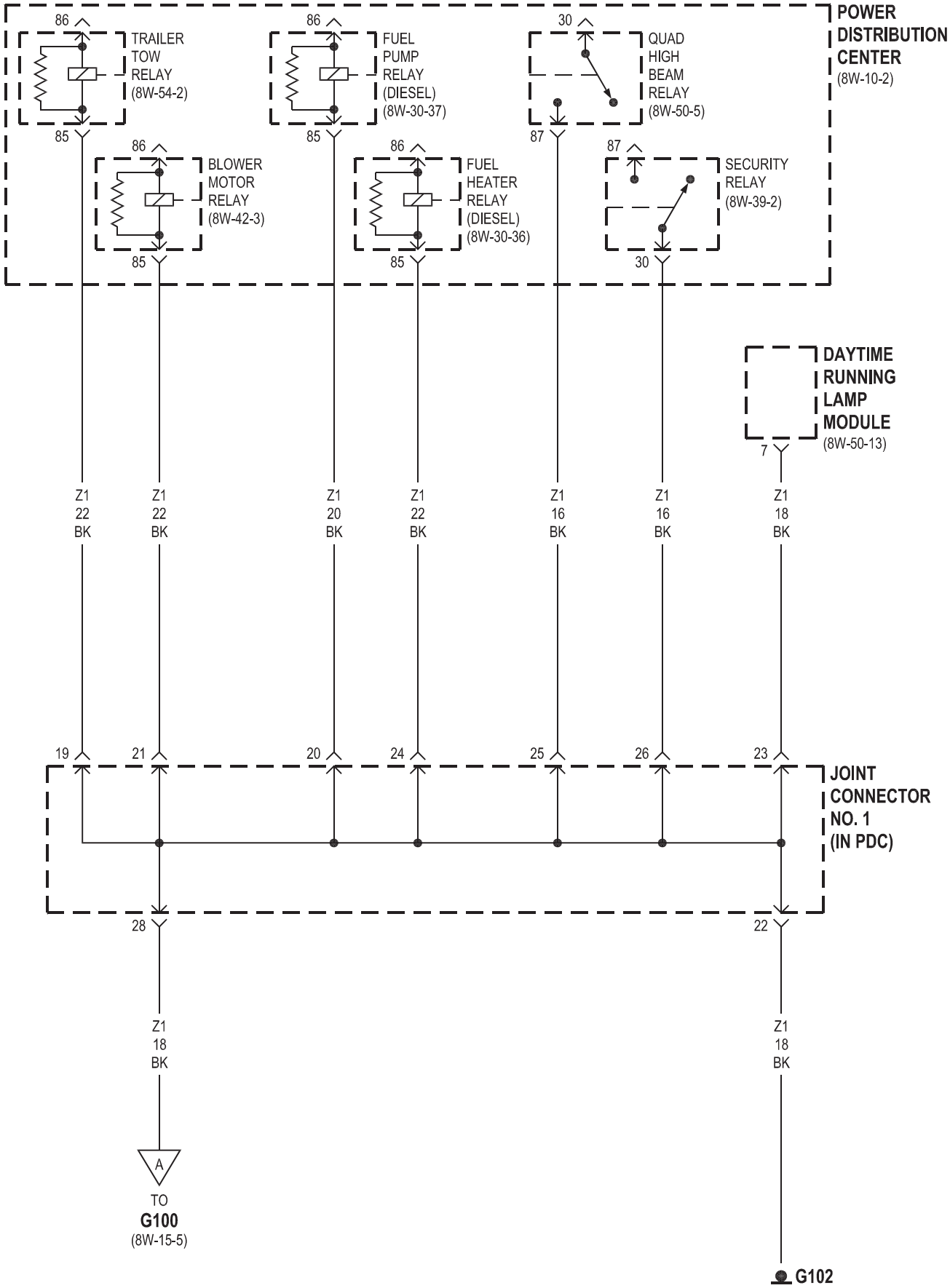


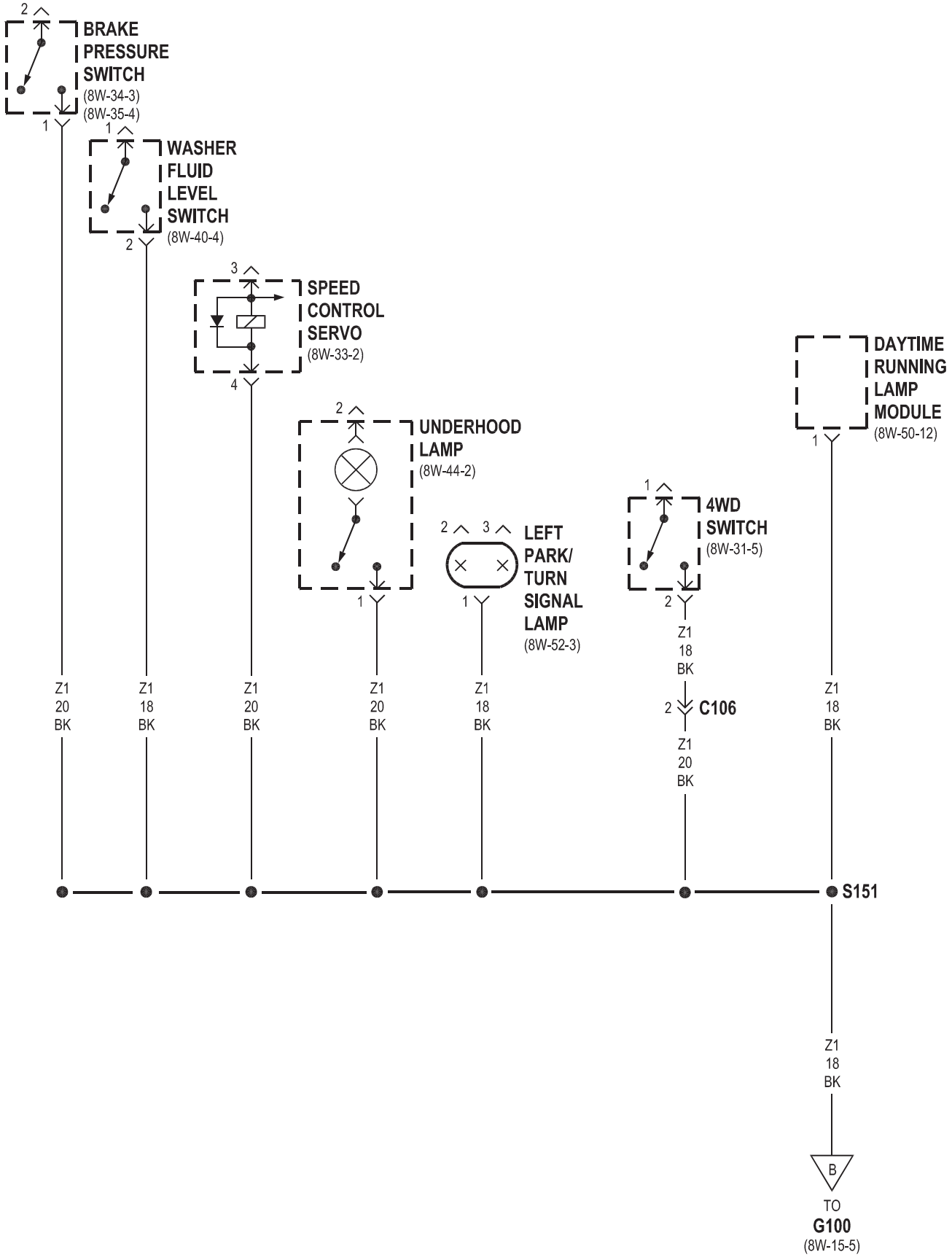
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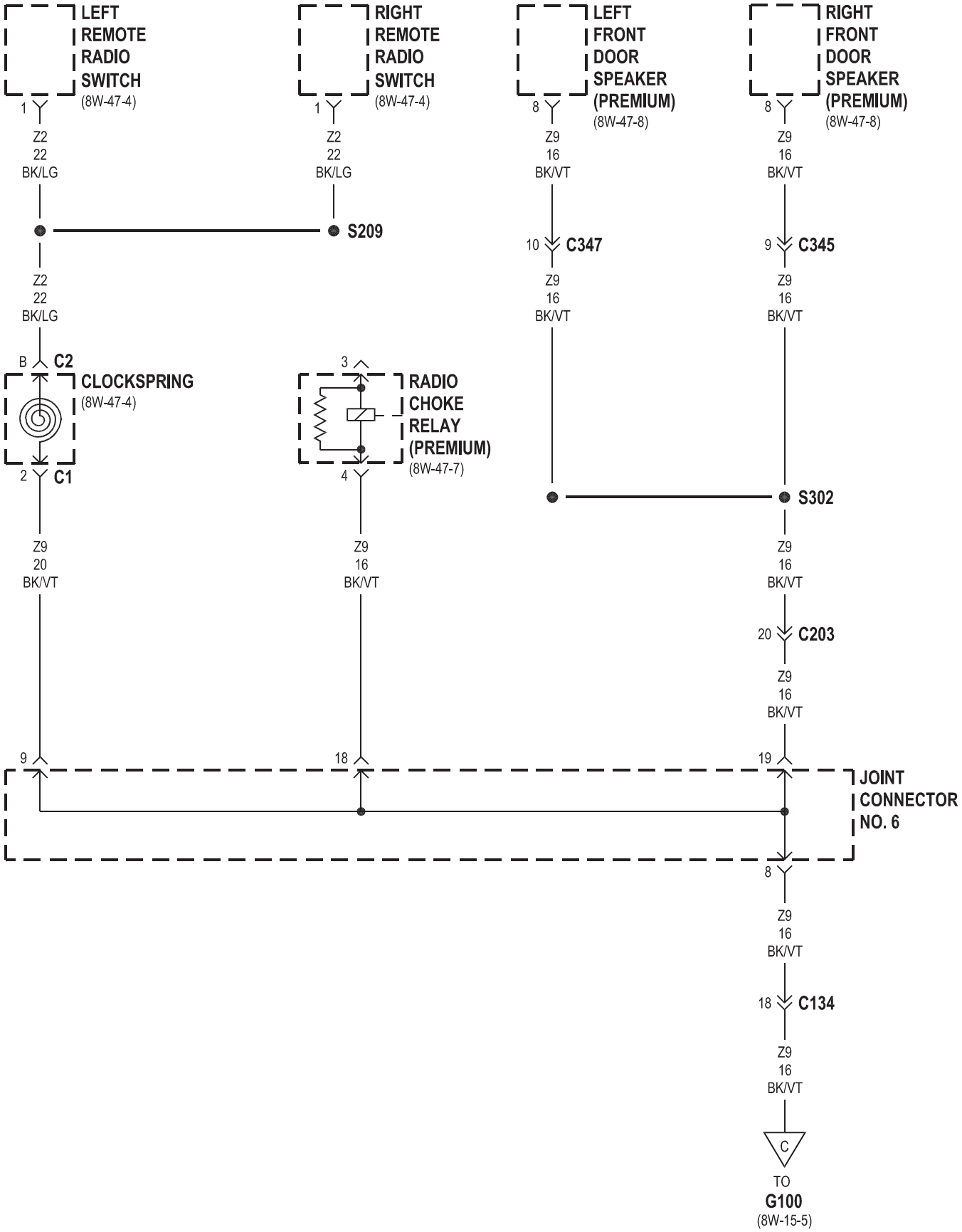
J028W-9

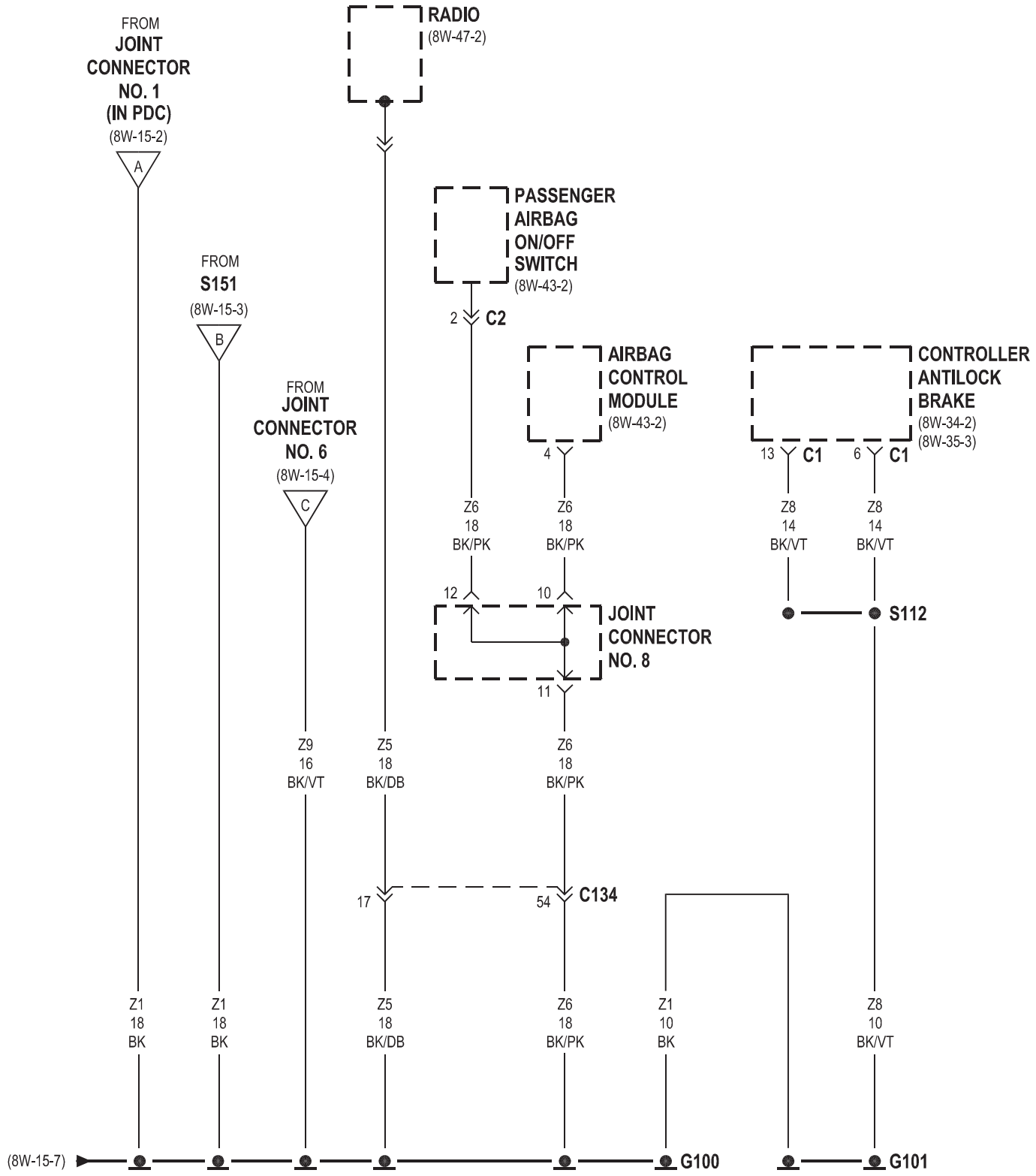
8W-15 GROUND DISTRIBUTION

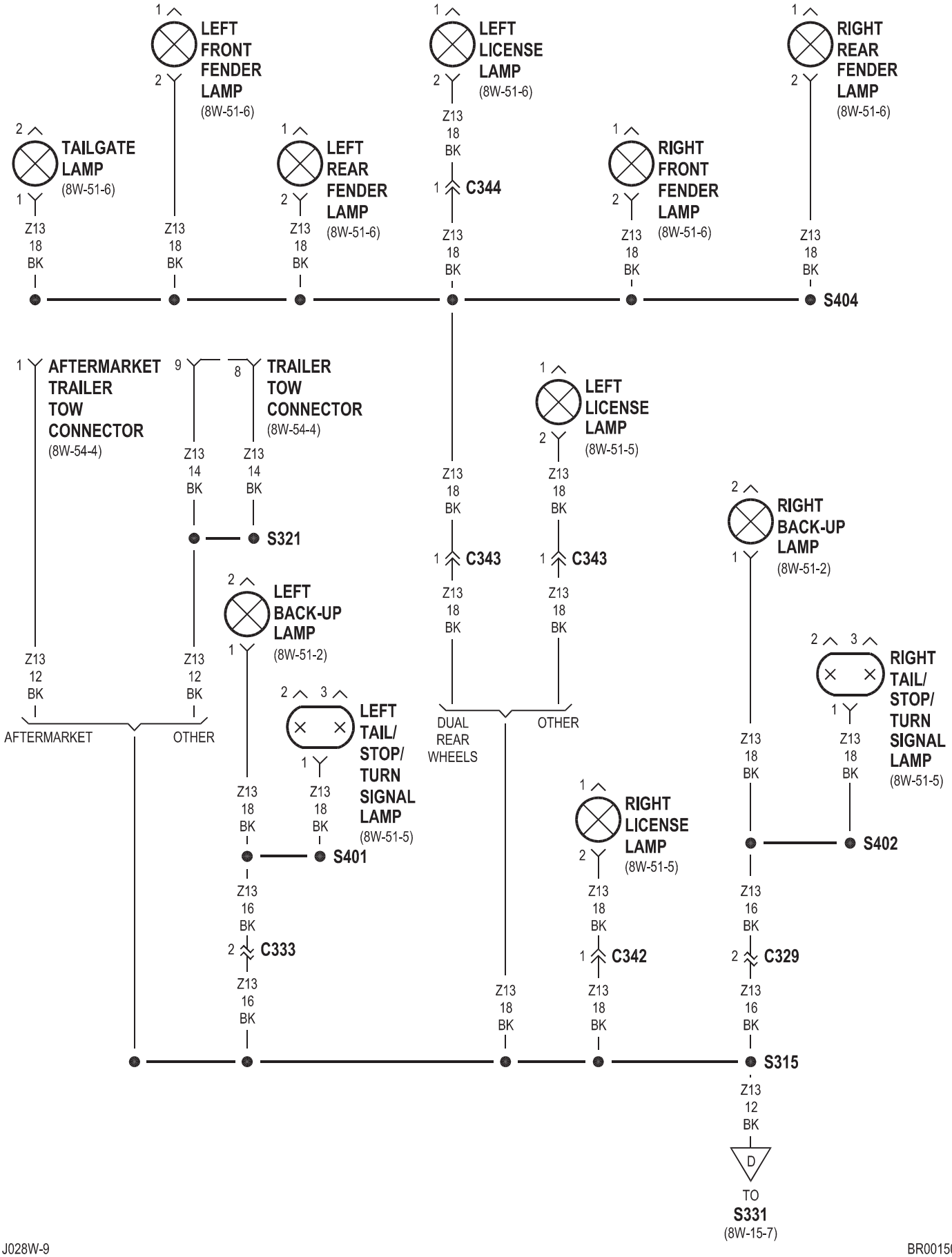
Component	Page
A/C Compressor Clutch	8W-15-8, 10
A/C Heater Temperature Select	8W-15-12
A/C-Heater Control	8W-15-14
Aftermarket Trailer Tow Connector	8W-15-6
Airbag Control Module	8W-15-5
Ash Receiver Lamp	8W-15-14
Automatic Day/Night Mirror	8W-15-13
Auxiliary Battery	8W-15-11
Battery	8W-15-11
Blend Door Actuator	8W-15-12
Blower Motor Relay	8W-15-2
Brake Lamp Switch	8W-15-12
Brake Pressure Switch	8W-15-3
Center High Mounted Stop Lamp No. 1	8W-15-17
Center High Mounted Stop Lamp No. 2	8W-15-17
Center Identification Lamp	8W-15-18
Central Timer Module	8W-15-12, 13
Cigar Lighter	8W-15-14
Clockspring	8W-15-4
Combination Flasher	8W-15-13
Controller Antilock Brake	8W-15-5
Cummins Bus	8W-15-10
Cup Holder Lamp	8W-15-14
Data Link Connector	8W-15-8, 10, 12
Daytime Running Lamp Module	8W-15-2, 3
Driver Cylinder Lock Switch	8W-15-16
Driver Door Ajar Switch	8W-15-16
Driver Door Window/Lock Switch	8W-15-16, 17
Driver Heated Seat Cushion	8W-15-15
Driver Heated Seat Switch	8W-15-13
Driver Power Seat Switch	8W-15-15, 17
Electric Brake Provision	8W-15-14
Engine Control Module	8W-15-9
Engine Starter Motor Relay	8W-15-8, 9
Fuel Heater	8W-15-10
Fuel Heater Relay	8W-15-2
Fuel Injection Pump	8W-15-9
Fuel Pump Module	8W-15-7
Fuel Pump Relay	8W-15-2
Fuel Transfer Pump	8W-15-10
G100	8W-15-2, 3, 4, 5, 7, 12
G101	8W-15-5
G102	8W-15-2
G105	8W-15-8
G107	8W-15-10
G113	8W-15-11
G114	8W-15-11
G115	8W-15-11
G116	8W-15-11
G117	8W-15-11
G118	8W-15-11
G120	8W-15-11
G200	8W-15-7, 12, 14
G201	8W-15-12, 13, 14
G300	8W-15-15, 16, 17
G301	8W-15-17
G302	8W-15-18
Glove Box Lamp And Switch	8W-15-14
Headlamp Beam Select Switch	8W-15-14
Headlamp Switch	8W-15-13, 14
Heated Mirror Switch	8W-15-13
High Note Horn	8W-15-7
Ignition Switch	8W-15-13
Instrument Cluster	8W-15-12, 14
Intake Air Heater Relay No. 1	8W-15-9
Intake Air Heater Relay No. 2	8W-15-9
Joint Connector No. 1	8W-15-2, 5
Joint Connector No. 2	8W-15-9
Joint Connector No. 5	8W-15-13, 14
Joint Connector No. 6	8W-15-4, 5
Joint Connector No. 8	8W-15-5, 13
Junction Block	8W-15-12, 13, 14
Left Back-Up Lamp	8W-15-6
Left Front Door Speaker	8W-15-4
Left Front Fender Lamp	8W-15-6
Left License Lamp	8W-15-6
Left Outboard Clearance Lamp	8W-15-18
Left Outboard Identification Lamp	8W-15-18
Left Park/Turn Signal Lamp	8W-15-3
Left Power Mirror	8W-15-16
Left Rear Fender Lamp	8W-15-6
Left Remote Radio Switch	8W-15-4
Left Tail/Stop/Turn Signal Lamp	8W-15-6
Left Visor/Vanity Lamp	8W-15-13
Low Note Horn	8W-15-7
Overdrive Switch	8W-15-12
Overhead Console	8W-15-12
Oxygen Sensor 1/2 Left Bank Down	8W-15-8
Oxygen Sensor 1/2 Pre-Catalyst	8W-15-8
Oxygen Sensor 1/3 Post-Catalyst	8W-15-8
Oxygen Sensor 2/2 Right Bank Down	8W-15-8
Passenger Airbag On/Off Switch	8W-15-5
Passenger Cylinder Lock Switch	8W-15-16
Passenger Door Ajar Switch	8W-15-16
Passenger Door Window/Lock Switch	8W-15-16
Passenger Heated Seat Cushion	8W-15-15
Passenger Heated Seat Switch	8W-15-13
Passenger Power Seat Switch	8W-15-15
Power Distribution Center	8W-15-2
Power Mirror Switch	8W-15-16
Power Outlet	8W-15-14
Powertrain Control Module	8W-15-8, 10
Quad High Beam Relay	8W-15-2
Radio	8W-15-5
Radio Choke Relay	8W-15-4
Right Back-Up Lamp	8W-15-6
Right Front Door Speaker	8W-15-4
Right Front Fender Lamp	8W-15-6
Right License Lamp	8W-15-6
Right Outboard Clearance Lamp	8W-15-18
Right Outboard Identification Lamp	8W-15-18
Right Park/Turn Signal Lamp	8W-15-7
Right Power Mirror	8W-15-16
Right Rear Fender Lamp	8W-15-6
Right Remote Radio Switch	8W-15-4
Right Tail/Stop/Turn Signal Lamp	8W-15-6
Right Visor/Vanity Lamp	8W-15-13
Seat Belt Switch	8W-15-15, 17
Seat Heat Interface Module	8W-15-15
Security Relay	8W-15-2
Speed Control Servo	8W-15-3
Tailgate Lamp	8W-15-6
Trailer Tow Connector	8W-15-6
Trailer Tow Relay	8W-15-2
Underhood Lamp	8W-15-3
Washer Fluid Level Switch	8W-15-3
Windshield Washer Pump	8W-15-7
Wiper Motor	8W-15-7

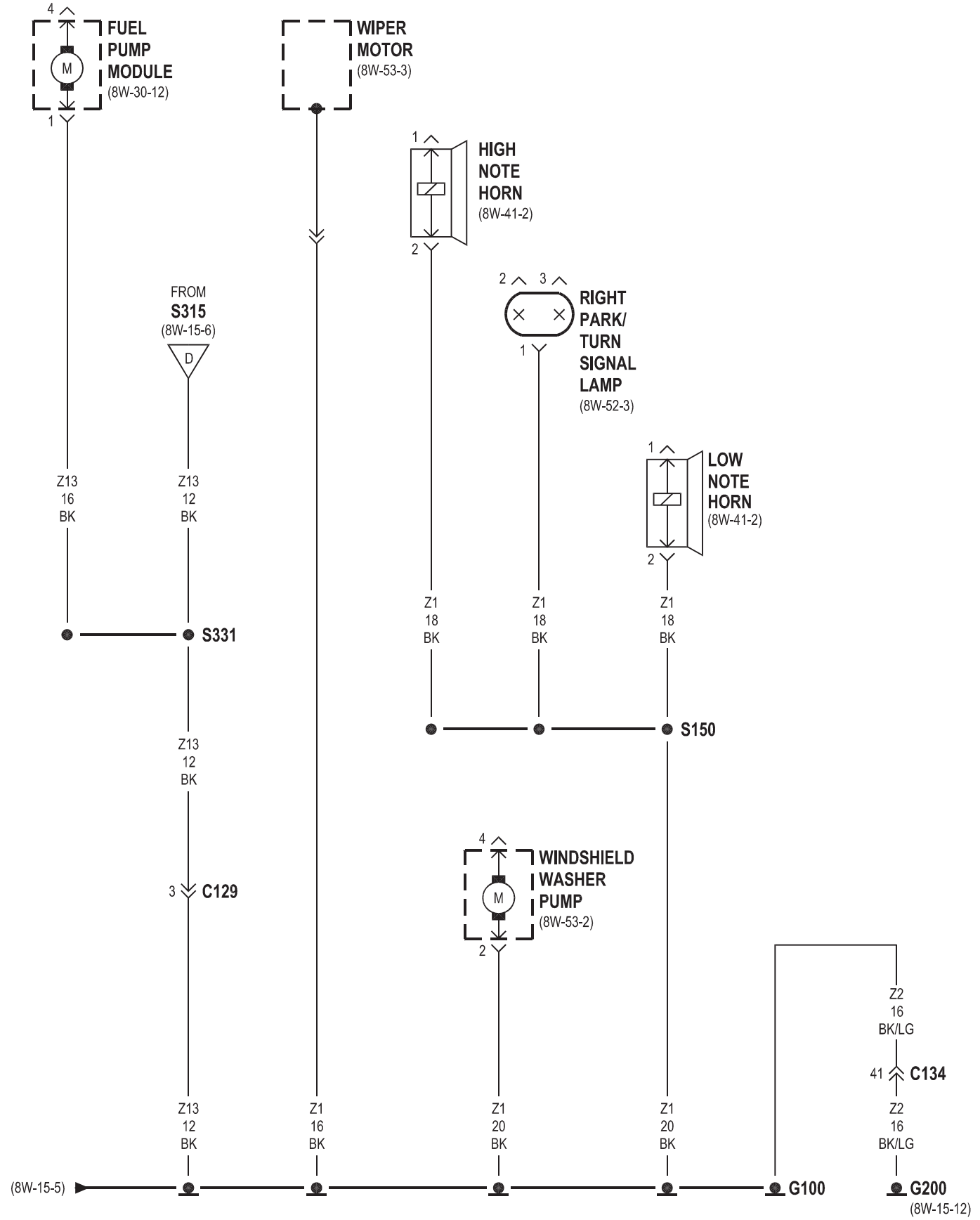

POWER DISTRIBUTION CENTER (8W-10-2)
86
TRAILER TOW RELAY (8W-54-2)
85
86
FUEL PUMP RELAY (DIESEL) (8W-30-37)
85
30
QUAD HIGH BEAM RELAY (8W-50-5)
87
86
BLOWER MOTOR RELAY (8W-42-3)
85
86
FUEL HEATER RELAY (DIESEL) (8W-30-36)
85
87
SECURITY RELAY (8W-39-2)
30
DAYTIME RUNNING LAMP MODULE (8W-50-13)
7
Z1 22 BK
Z1 22 BK
Z1 20 BK
Z1 22 BK
Z1 16 BK
Z1 16 BK
Z1 18 BK
19
21
20
24
25
26
23
JOINT CONNECTOR NO. 1 (IN PDC)
28
22
Z1 18 BK
Z1 18 BK
A
TO G100 (8W-15-5)
G102

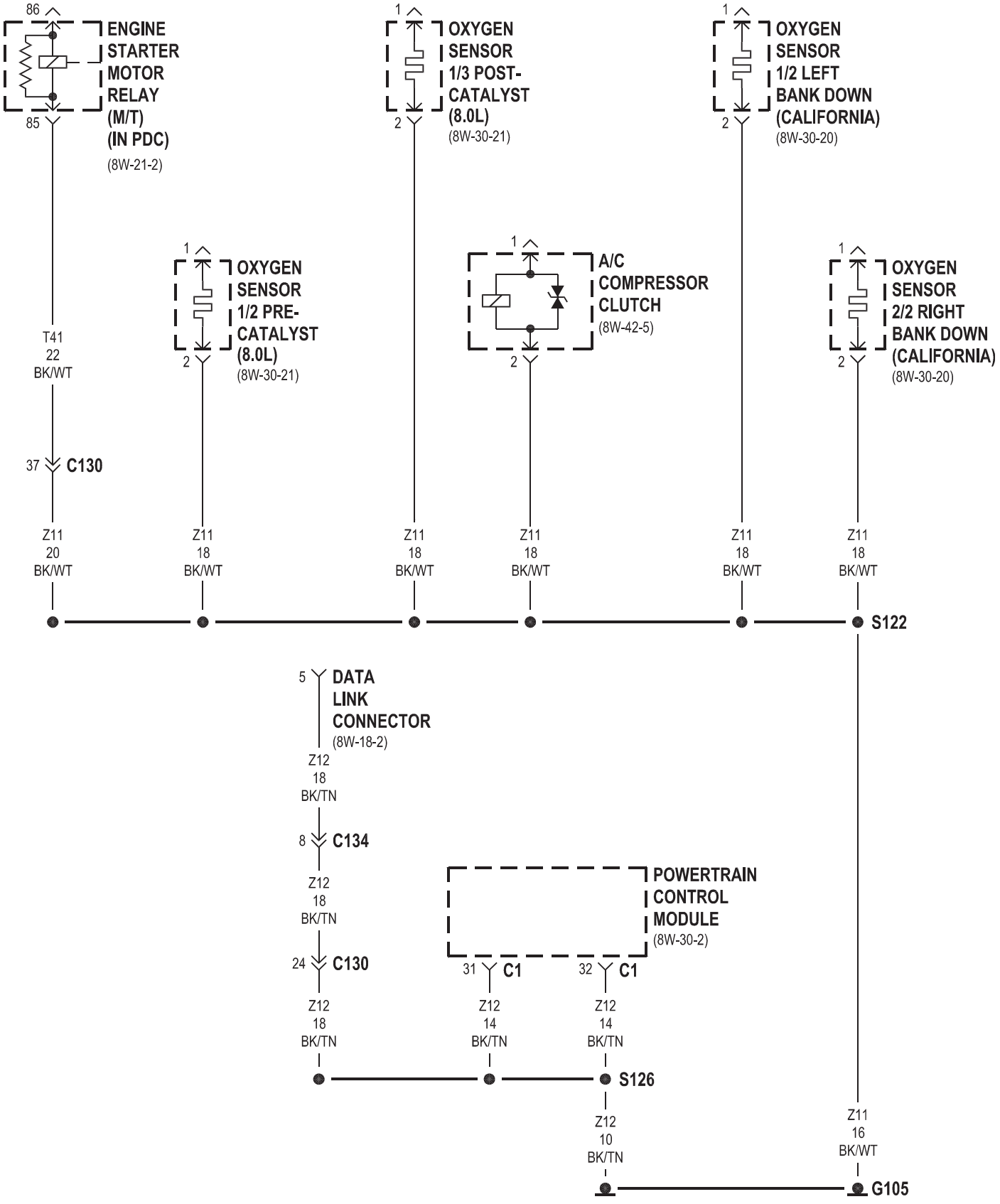

2
BRAKE
PRESSURE
SWITCH
(8W-34-3)
(8W-35-4)
1
1
WASHER
FLUID
LEVEL
SWITCH
(8W-40-4)
2
3
SPEED
CONTROL
SERVO
(8W-33-2)
4
2
UNDERHOOD
LAMP
(8W-44-2)
1
2
3
LEFT
PARK/
TURN
SIGNAL
LAMP
(8W-52-3)
1
1
4WD
SWITCH
(8W-31-5)
2
DAYTIME
RUNNING
LAMP
MODULE
(8W-50-12)
1
Z1
20
BK
Z1
18
BK
Z1
20
BK
Z1
20
BK
Z1
18
BK
Z1
18
BK
2
C106
Z1
20
BK
Z1
18
BK
S151
Z1
18
BK
B
TO
G100
(8W-15-5)

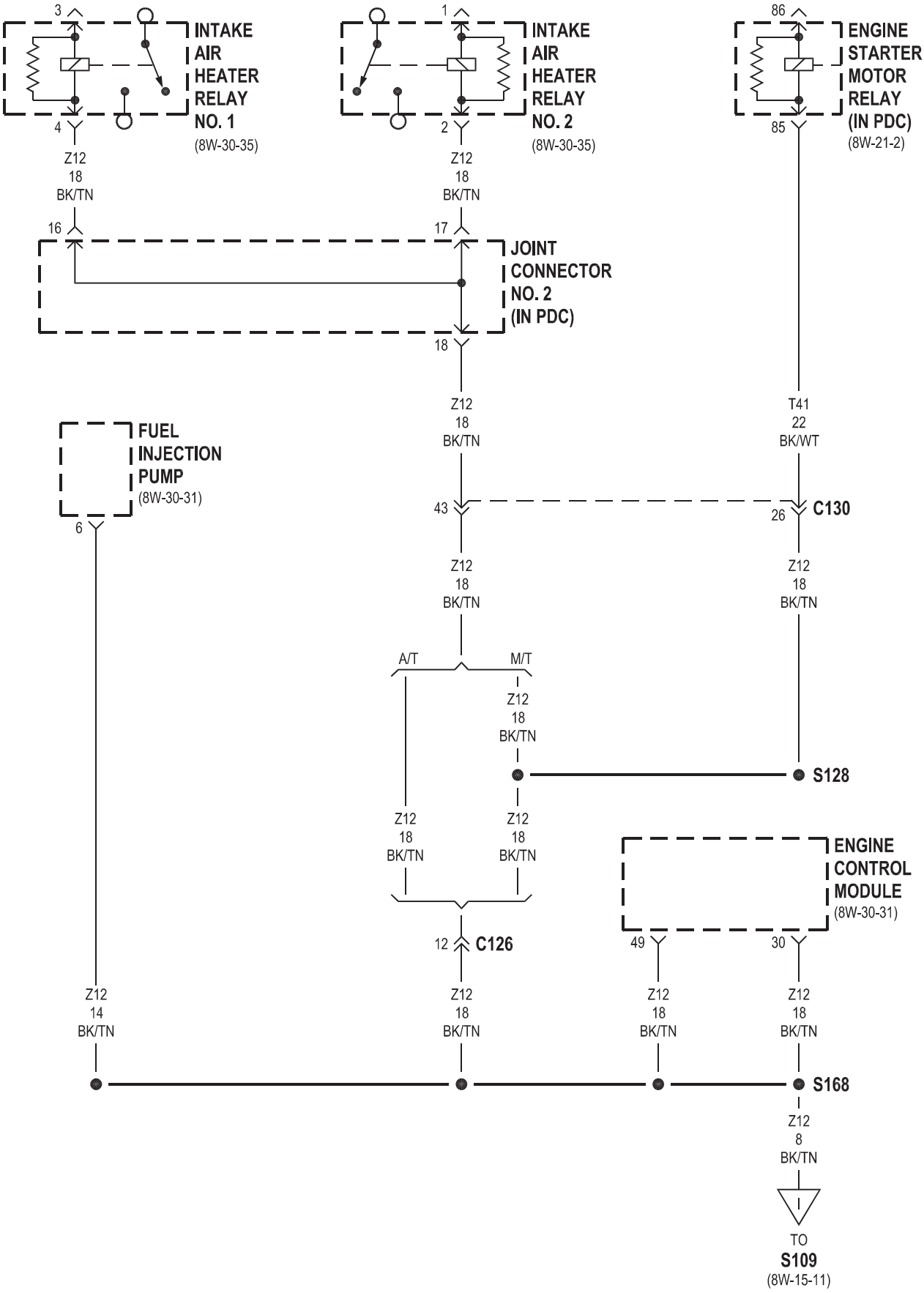

LEFT REMOTE RADIO SWITCH
(8W-47-4)
1
Z2
22
BK/LG
RIGHT REMOTE RADIO SWITCH
(8W-47-4)
1
Z2
22
BK/LG
S209
LEFT FRONT DOOR SPEAKER (PREMIUM)
(8W-47-8)
8
Z9
16
BK/VT
10
C347
Z9
16
BK/VT
RIGHT FRONT DOOR SPEAKER (PREMIUM)
(8W-47-8)
8
Z9
16
BK/VT
9
C345
Z9
16
BK/VT
Z2
22
BK/LG
B
C2
CLOCKSPRING
(8W-47-4)
2
C1
Z9
20
BK/VT
3
RADIO CHOKE RELAY (PREMIUM)
(8W-47-7)
4
Z9
16
BK/VT
S302
Z9
16
BK/VT
20
C203
Z9
16
BK/VT
9
18
19
JOINT CONNECTOR NO. 6
8
Z9
16
BK/VT
18
C134
Z9
16
BK/VT
C
TO
G100
(8W-15-5)

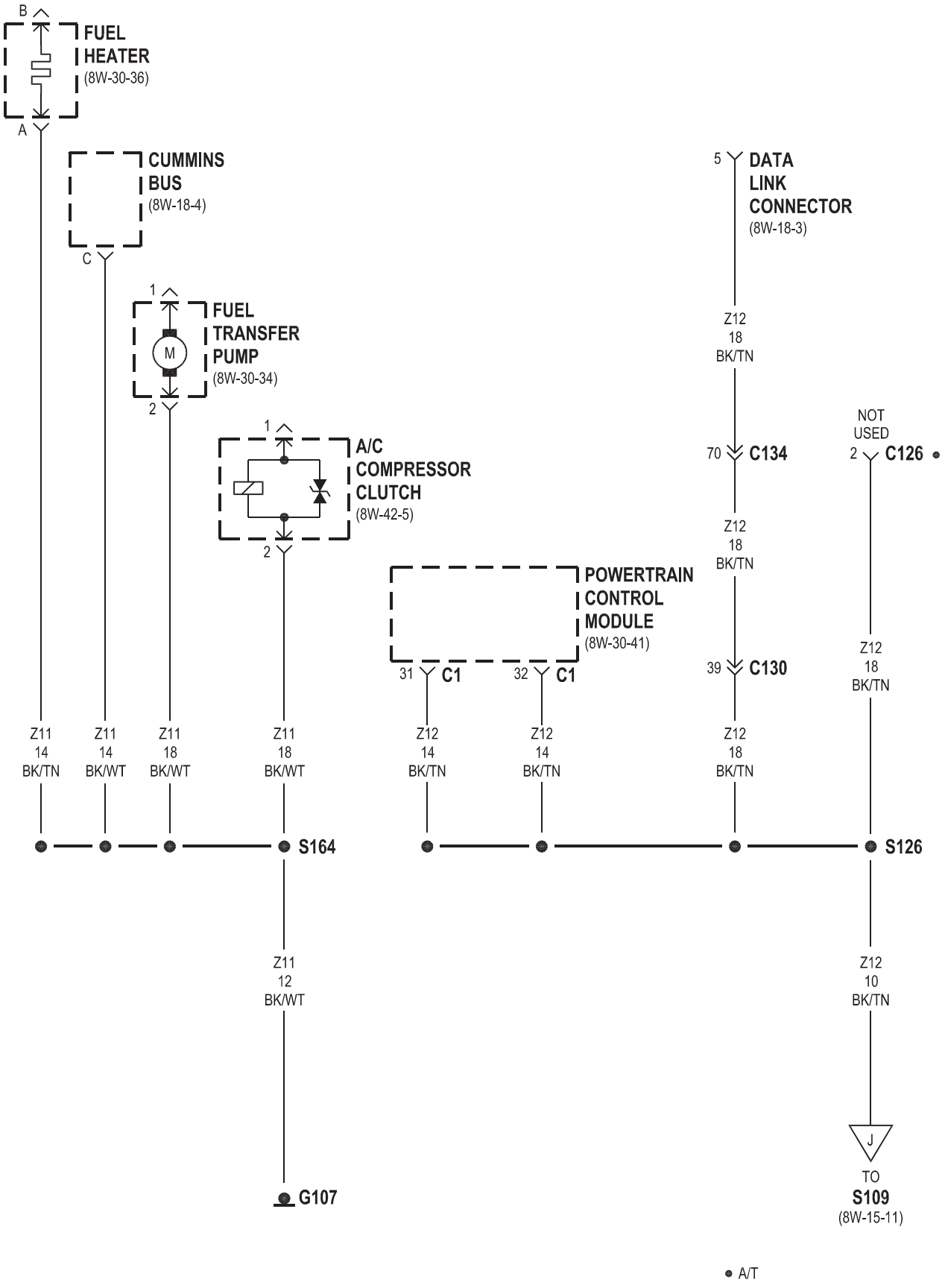

FROM
JOINT
CONNECTOR
NO. 1
(IN PDC)
(8W-15-2)
A
FROM
S151
(8W-15-3)
B
FROM
JOINT
CONNECTOR
NO. 6
(8W-15-4)
C
RADIO
(8W-47-2)
PASSENGER
AIRBAG
ON/OFF
SWITCH
(8W-43-2)
2 C2
AIRBAG
CONTROL
MODULE
(8W-43-2)
4
CONTROLLER
ANTILOCK
BRAKE
(8W-34-2)
(8W-35-3)
13 C1
6 C1
Z6
18
BK/PK
Z6
18
BK/PK
Z8
14
BK/VT
Z8
14
BK/VT
12
10
JOINT
CONNECTOR
NO. 8
11
S112
Z9
16
BK/VT
Z5
18
BK/DB
Z6
18
BK/PK
17
54
C134
Z1
18
BK
Z1
18
BK
Z5
18
BK/DB
Z6
18
BK/PK
Z1
10
BK
Z8
10
BK/VT
(8W-15-7)
G100
G101

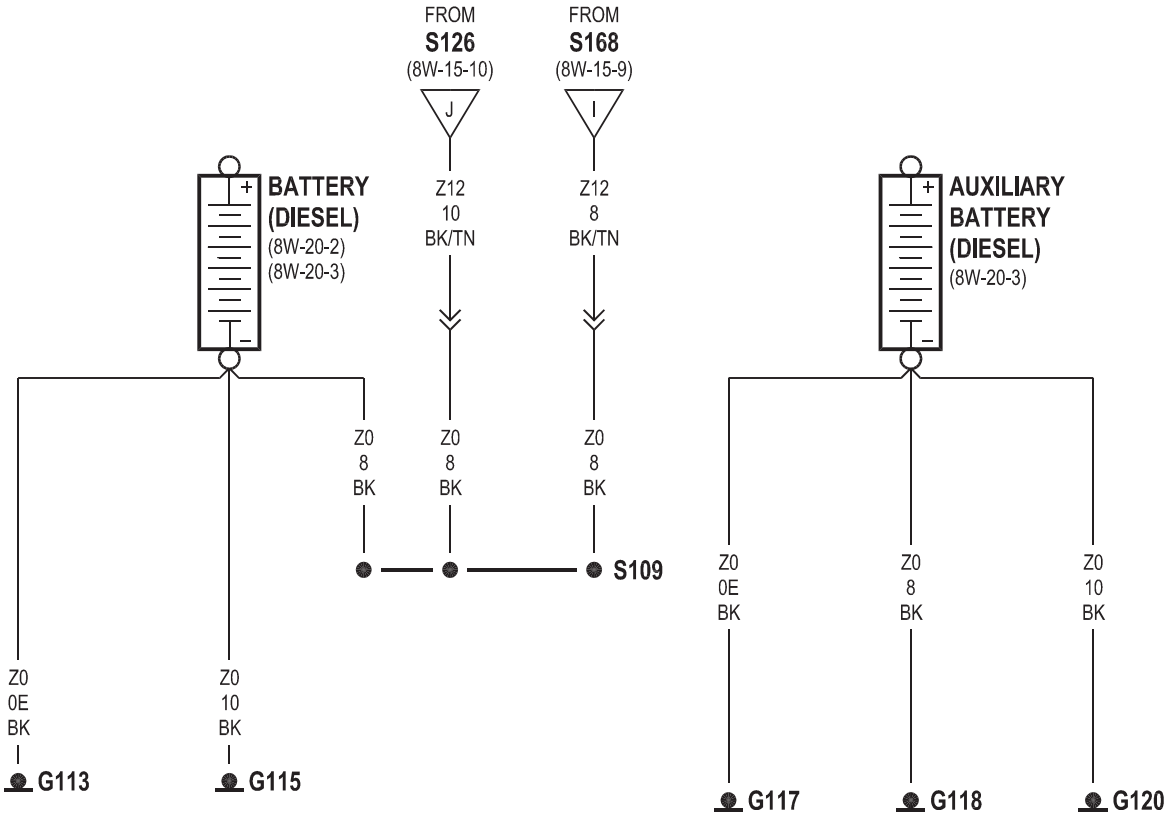

LEFT FRONT FENDER LAMP (8W-51-6)
TAILGATE LAMP (8W-51-6)
LEFT REAR FENDER LAMP (8W-51-6)
LEFT LICENSE LAMP (8W-51-6)
RIGHT FRONT FENDER LAMP (8W-51-6)
RIGHT REAR FENDER LAMP (8W-51-6)
Z13 18 BK
C344
S404
AFTERMARKET TRAILER TOW CONNECTOR (8W-54-4)
TRAILER TOW CONNECTOR (8W-54-4)
Z13 14 BK
S321
LEFT LICENSE LAMP (8W-51-5)
C343
RIGHT BACK-UP LAMP (8W-51-2)
LEFT BACK-UP LAMP (8W-51-2)
Z13 12 BK
AFTERMARKET
OTHER
DUAL REAR WHEELS
LEFT TAIL/ STOP/ TURN SIGNAL LAMP (8W-51-5)
RIGHT TAIL/ STOP/ TURN SIGNAL LAMP (8W-51-5)
S401
S402
Z13 16 BK
C333
C329
RIGHT LICENSE LAMP (8W-51-5)
C342
S315
D
TO S331 (8W-15-7)

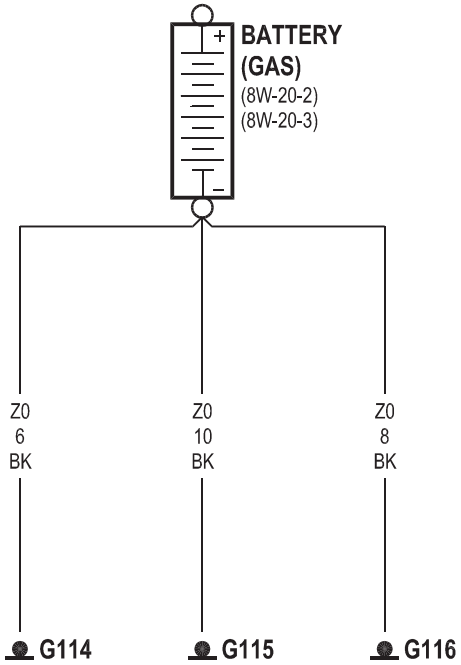

4
M
FUEL PUMP MODULE
(8W-30-12)
1
WIPER MOTOR
(8W-53-3)
1
HIGH NOTE HORN
(8W-41-2)
2
2 3
RIGHT PARK/ TURN SIGNAL LAMP
(8W-52-3)
1
1
LOW NOTE HORN
(8W-41-2)
2
FROM
S315
(8W-15-6)
D
Z13
16
BK
Z13
12
BK
Z1
18
BK
Z1
18
BK
Z1
18
BK
S331
S150
Z13
12
BK
3
C129
4
M
WINDSHIELD WASHER PUMP
(8W-53-2)
2
Z2
16
BK/LG
41
C134
Z13
12
BK
Z1
16
BK
Z1
20
BK
Z1
20
BK
Z2
16
BK/LG
(8W-15-5)
G100
G200
(8W-15-12)

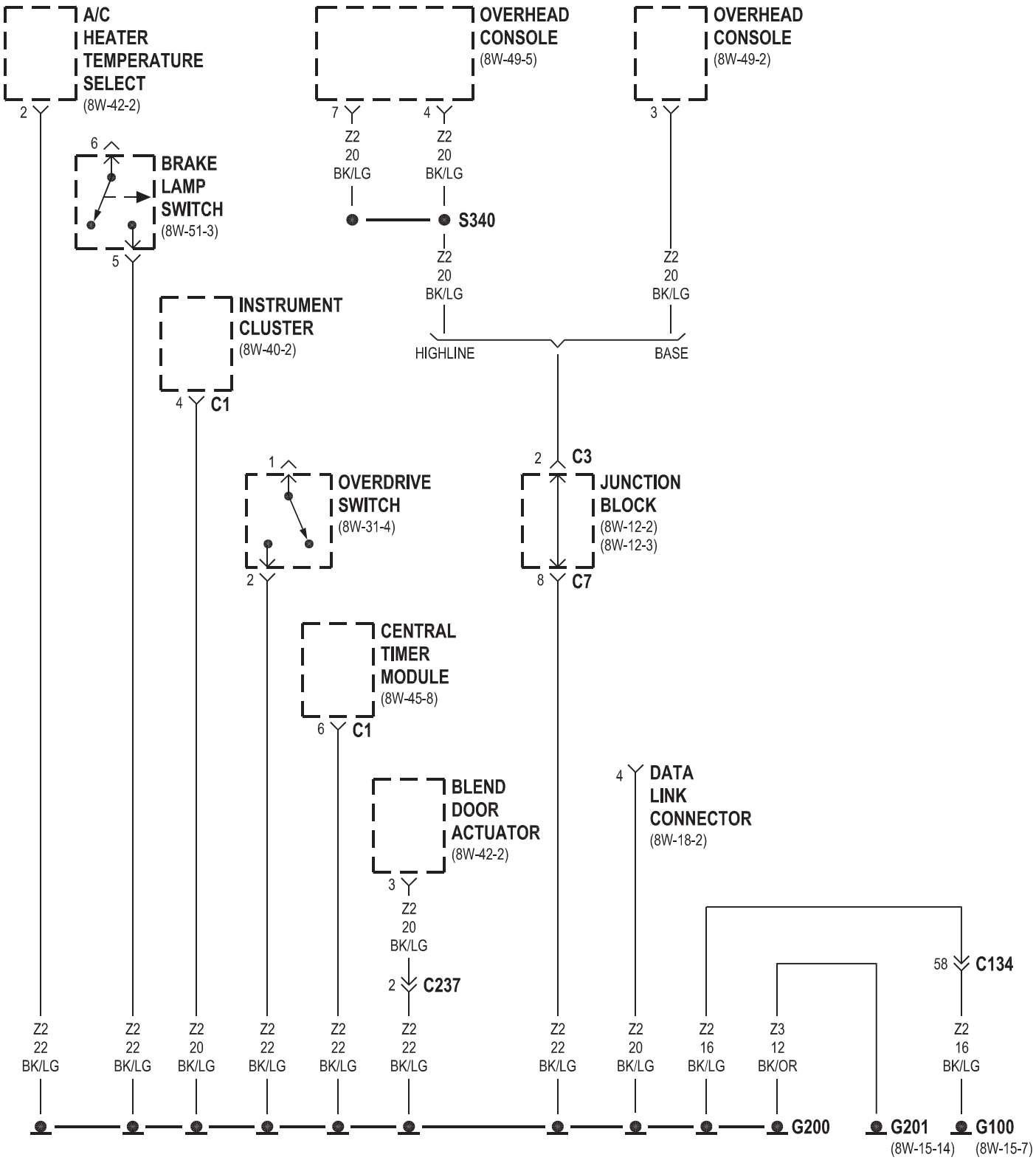

86
ENGINE STARTER MOTOR RELAY (M/T) (IN PDC)
(8W-21-2)
85
T41
22
BK/WT
37
C130
Z11
20
BK/WT
1
OXYGEN SENSOR 1/2 PRE-CATALYST (8.0L)
(8W-30-21)
2
Z11
18
BK/WT
1
OXYGEN SENSOR 1/3 POST-CATALYST (8.0L)
(8W-30-21)
2
Z11
18
BK/WT
1
A/C COMPRESSOR CLUTCH
(8W-42-5)
2
Z11
18
BK/WT
1
OXYGEN SENSOR 1/2 LEFT BANK DOWN (CALIFORNIA)
(8W-30-20)
2
Z11
18
BK/WT
1
OXYGEN SENSOR 2/2 RIGHT BANK DOWN (CALIFORNIA)
(8W-30-20)
2
Z11
18
BK/WT
S122
5
DATA LINK CONNECTOR
(8W-18-2)
Z12
18
BK/TN
8
C134
Z12
18
BK/TN
24
C130
Z12
18
BK/TN
POWERTRAIN CONTROL MODULE
(8W-30-2)
31
C1
Z12
14
BK/TN
32
C1
Z12
14
BK/TN
S126
Z12
10
BK/TN
Z11
16
BK/WT
G105

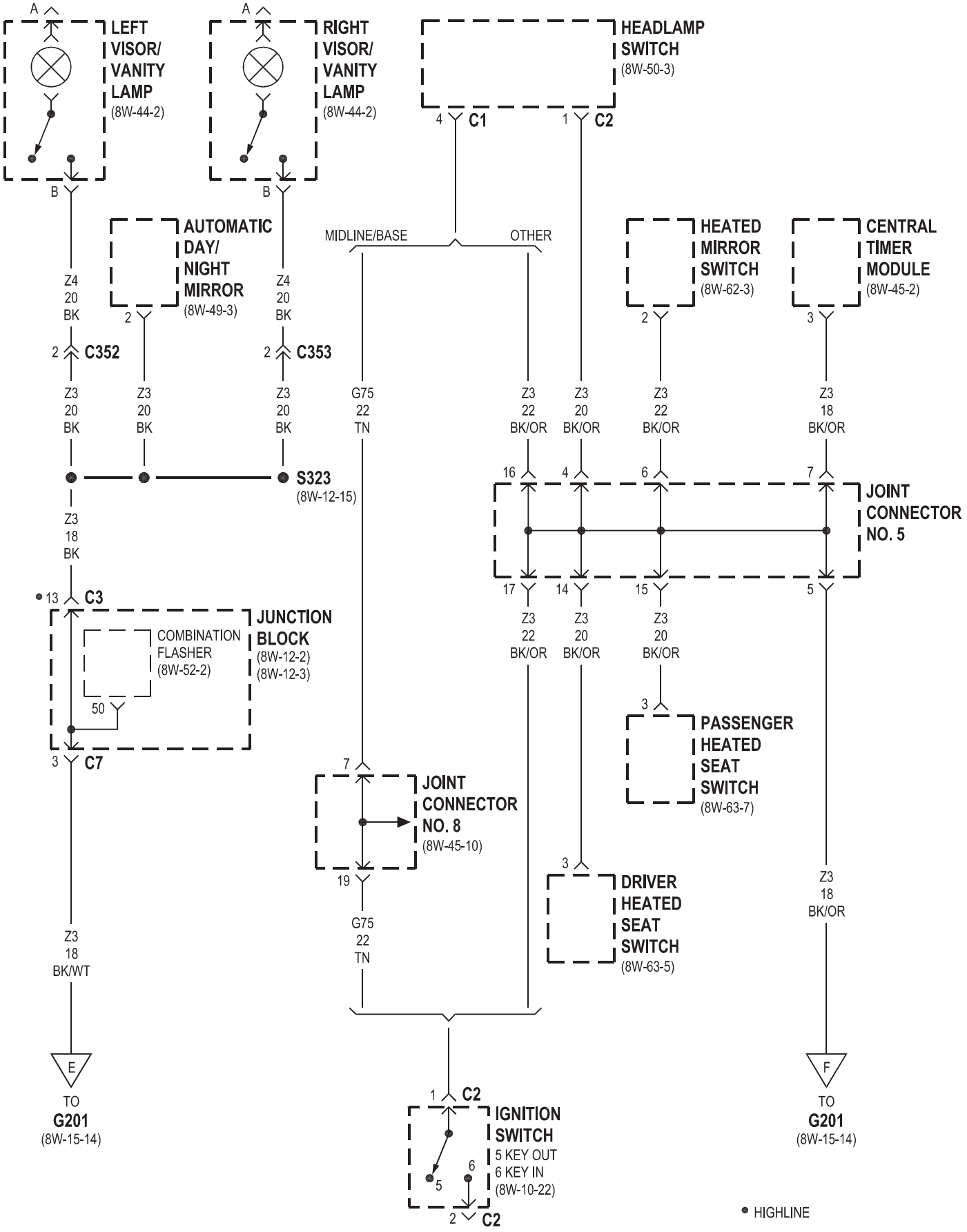

3
INTAKE AIR HEATER RELAY NO. 1
(8W-30-35)
4
Z12 18 BK/TN
1
INTAKE AIR HEATER RELAY NO. 2
(8W-30-35)
2
Z12 18 BK/TN
86
ENGINE STARTER MOTOR RELAY (IN PDC)
(8W-21-2)
85
16
17
JOINT CONNECTOR NO. 2 (IN PDC)
18
Z12 18 BK/TN
T41 22 BK/WT
FUEL INJECTION PUMP
(8W-30-31)
6
43
26
C130
Z12 18 BK/TN
A/T
M/T
Z12 18 BK/TN
S128
Z12 18 BK/TN
Z12 18 BK/TN
ENGINE CONTROL MODULE
(8W-30-31)
12
C126
49
30
Z12 14 BK/TN
Z12 18 BK/TN
Z12 18 BK/TN
Z12 18 BK/TN
S168
Z12 8 BK/TN
TO S109
(8W-15-11)

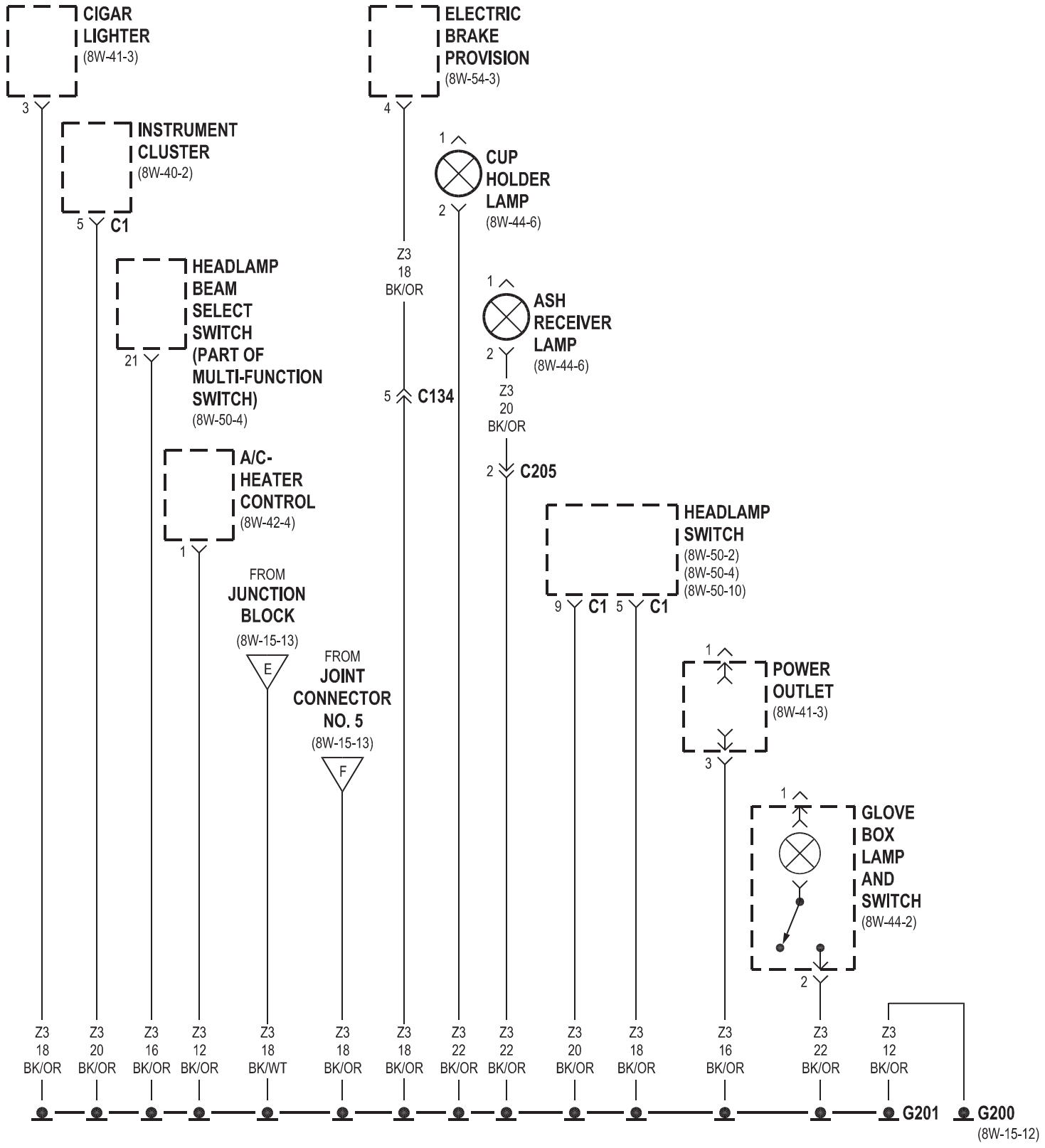

B
FUEL HEATER
(8W-30-36)
A
CUMMINS BUS
(8W-18-4)
C
1
M
FUEL TRANSFER PUMP
(8W-30-34)
2
1
A/C COMPRESSOR CLUTCH
(8W-42-5)
2
5
DATA LINK CONNECTOR
(8W-18-3)
Z12 18 BK/TN
70 C134
Z12 18 BK/TN
39 C130
NOT USED
2 C126
Z12 18 BK/TN
POWERTRAIN CONTROL MODULE
(8W-30-41)
31 C1
32 C1
Z11 14 BK/TN
Z11 14 BK/WT
Z11 18 BK/WT
Z11 18 BK/WT
Z12 14 BK/TN
Z12 14 BK/TN
Z12 18 BK/TN
S164
S126
Z11 12 BK/WT
Z12 10 BK/TN
G107
J
TO S109
(8W-15-11)
• A/T

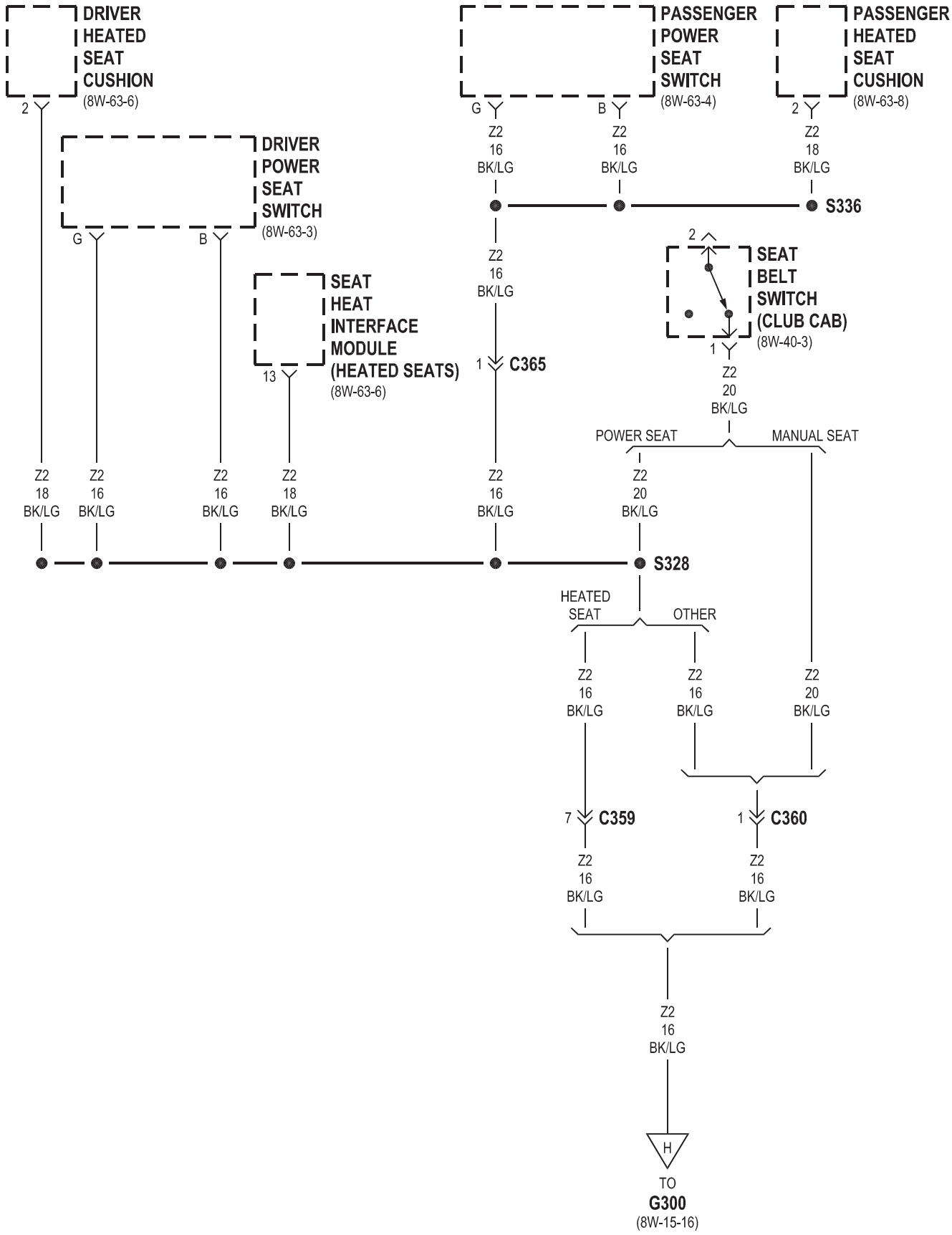

FROM
S126
(8W-15-10)
J
FROM
S168
(8W-15-9)
I
BATTERY
(DIESEL)
(8W-20-2)
(8W-20-3)
Z12
10
BK/TN
Z12
8
BK/TN
AUXILIARY
BATTERY
(DIESEL)
(8W-20-3)
Z0
8
BK
Z0
8
BK
Z0
8
BK
S109
Z0
0E
BK
Z0
10
BK
Z0
0E
BK
Z0
8
BK
Z0
10
BK
G113
G115
G117
G118
G120

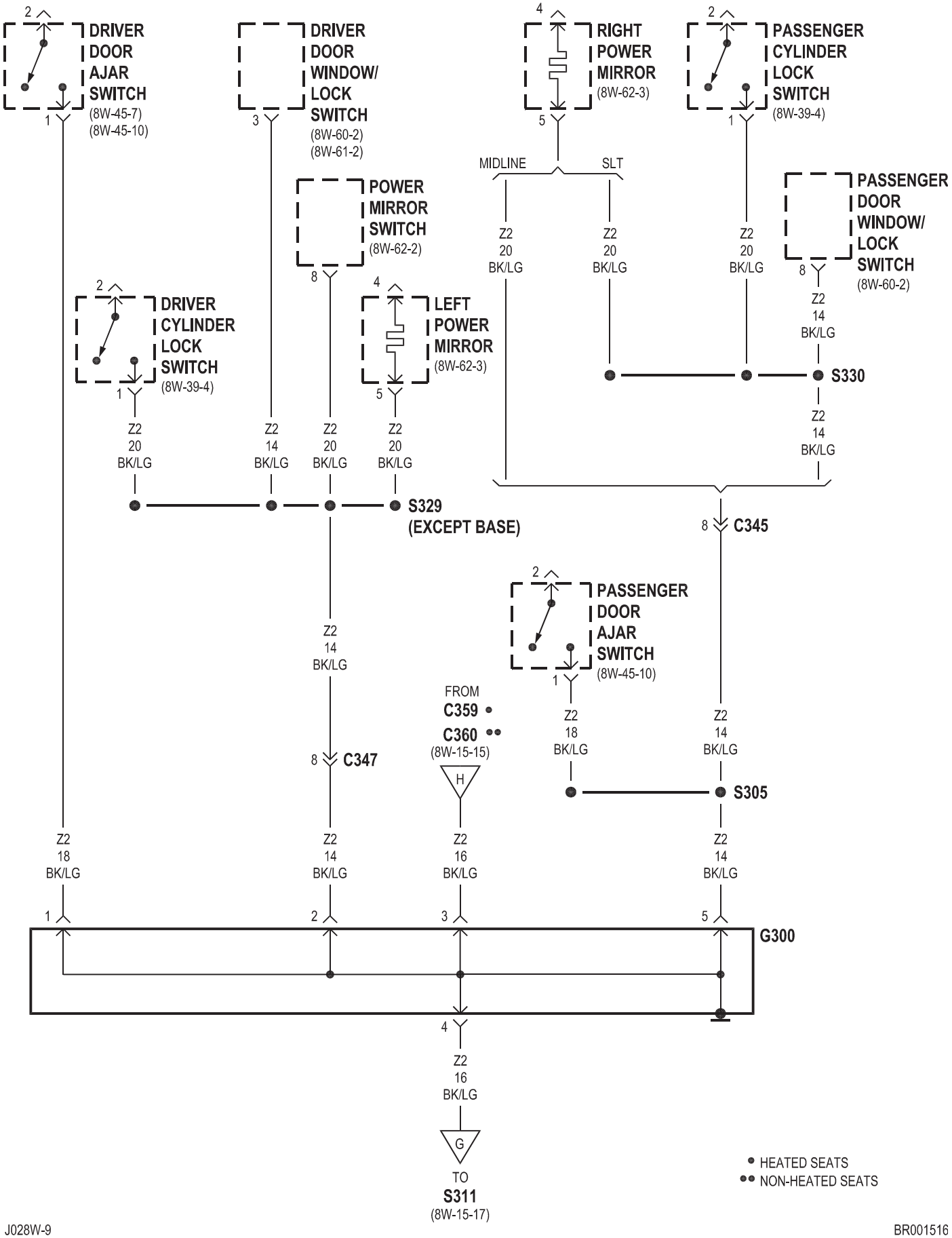

BATTERY
(GAS)
(8W-20-2)
(8W-20-3)
Z0
6
BK
Z0
10
BK
Z0
8
BK
G114
G115
G116

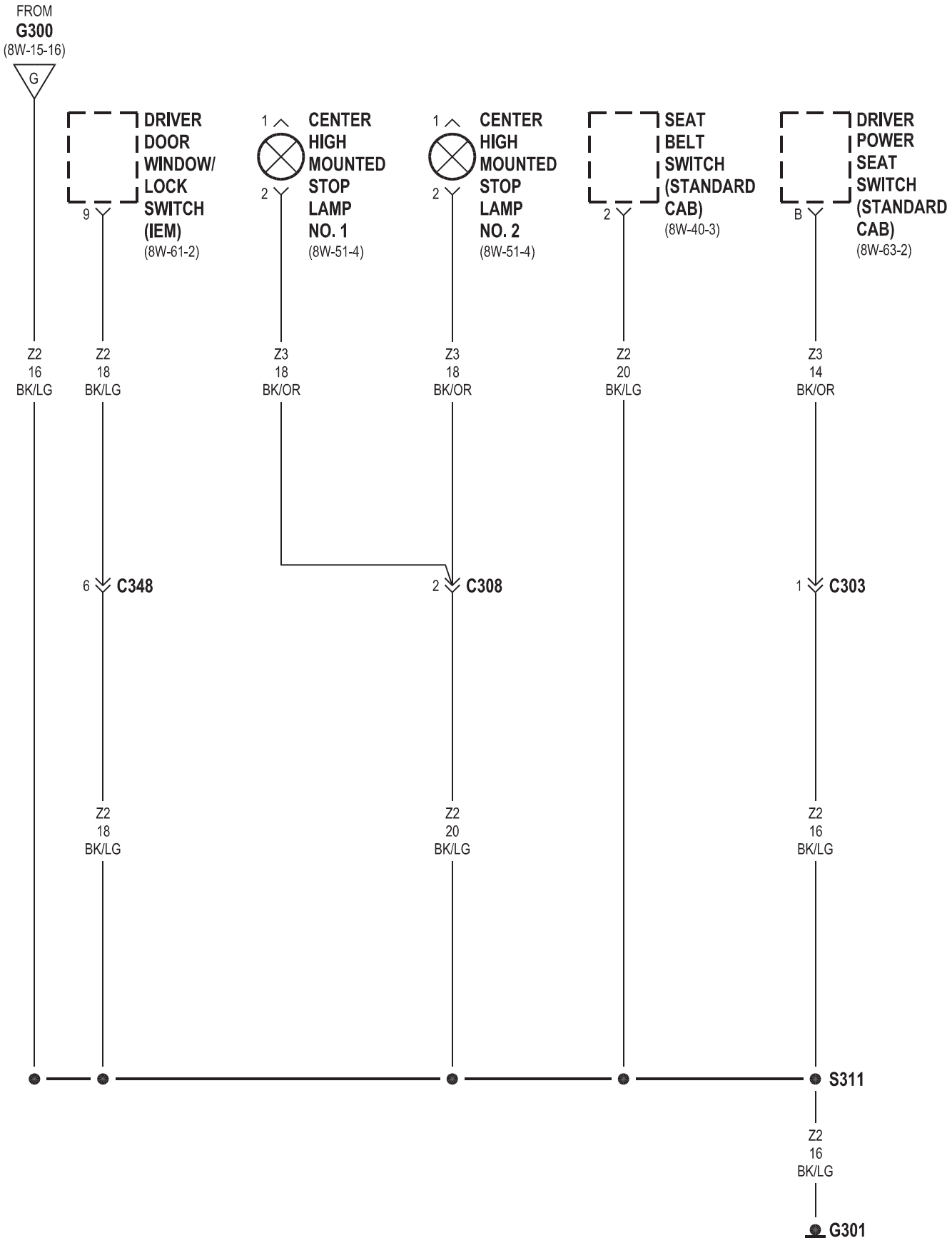

A/C HEATER TEMPERATURE SELECT (8W-42-2)
2
OVERHEAD CONSOLE (8W-49-5)
7
4
Z2 20 BK/LG
Z2 20 BK/LG
OVERHEAD CONSOLE (8W-49-2)
3
Z2 20 BK/LG
6
BRAKE LAMP SWITCH (8W-51-3)
5
S340
Z2 20 BK/LG
HIGHLINE
BASE
INSTRUMENT CLUSTER (8W-40-2)
4 C1
1
OVERDRIVE SWITCH (8W-31-4)
2
2 C3
JUNCTION BLOCK (8W-12-2) (8W-12-3)
8 C7
CENTRAL TIMER MODULE (8W-45-8)
6 C1
BLEND DOOR ACTUATOR (8W-42-2)
3
Z2 20 BK/LG
2 C237
4 DATA LINK CONNECTOR (8W-18-2)
58 C134
Z2 22 BK/LG
Z2 22 BK/LG
Z2 20 BK/LG
Z2 22 BK/LG
Z2 22 BK/LG
Z2 22 BK/LG
Z2 22 BK/LG
Z2 20 BK/LG
Z2 16 BK/LG
Z3 12 BK/OR
Z2 16 BK/LG
G200
G201
(8W-15-14)
G100
(8W-15-7)

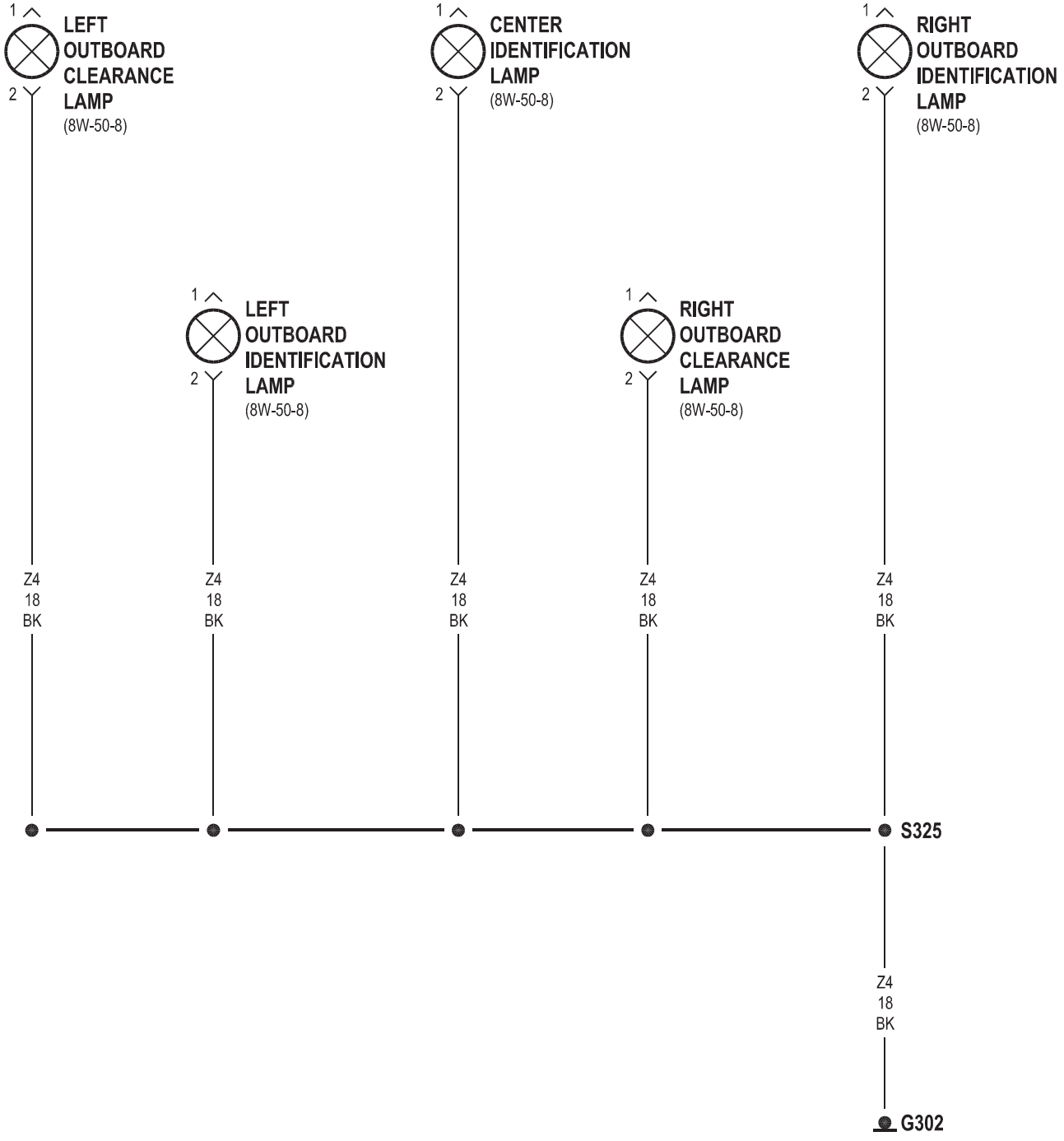

A
LEFT VISOR/ VANITY LAMP (8W-44-2)
B
A
RIGHT VISOR/ VANITY LAMP (8W-44-2)
B
HEADLAMP SWITCH (8W-50-3)
4 C1
1 C2
AUTOMATIC DAY/ NIGHT MIRROR (8W-49-3)
2
MIDLINE/BASE
OTHER
HEATED MIRROR SWITCH (8W-62-3)
2
CENTRAL TIMER MODULE (8W-45-2)
3
Z4 20 BK
2 C352
Z4 20 BK
2 C353
Z3 20 BK
Z3 20 BK
Z3 20 BK
G75 22 TN
Z3 22 BK/OR
Z3 20 BK/OR
Z3 22 BK/OR
Z3 18 BK/OR
S323 (8W-12-15)
16
4
6
7
JOINT CONNECTOR NO. 5
Z3 18 BK
13 C3
JUNCTION BLOCK (8W-12-2) (8W-12-3)
COMBINATION FLASHER (8W-52-2)
50
3 C7
17
14
15
5
Z3 22 BK/OR
Z3 20 BK/OR
Z3 20 BK/OR
3
PASSENGER HEATED SEAT SWITCH (8W-63-7)
7
JOINT CONNECTOR NO. 8 (8W-45-10)
19
G75 22 TN
3
DRIVER HEATED SEAT SWITCH (8W-63-5)
Z3 18 BK/OR
Z3 18 BK/WT
E
TO G201 (8W-15-14)
1 C2
IGNITION SWITCH
5 KEY OUT
6 KEY IN
(8W-10-22)
5
6
2 C2
F
TO G201 (8W-15-14)
HIGHLINE


CIGAR LIGHTER
(8W-41-3)
3
INSTRUMENT CLUSTER
(8W-40-2)
5 C1
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI-FUNCTION SWITCH)
(8W-50-4)
21
A/C-HEATER CONTROL
(8W-42-4)
1
FROM JUNCTION BLOCK
(8W-15-13)
E
FROM JOINT CONNECTOR NO. 5
(8W-15-13)
F
ELECTRIC BRAKE PROVISION
(8W-54-3)
4
Z3 18 BK/OR
5 C134
CUP HOLDER LAMP
(8W-44-6)
1
2
ASH RECEIVER LAMP
(8W-44-6)
1
2
Z3 20 BK/OR
2 C205
HEADLAMP SWITCH
(8W-50-2)
(8W-50-4)
(8W-50-10)
9 C1
5 C1
POWER OUTLET
(8W-41-3)
1
3
GLOVE BOX LAMP AND SWITCH
(8W-44-2)
1
2
Z3 18 BK/OR
Z3 20 BK/OR
Z3 16 BK/OR
Z3 12 BK/OR
Z3 18 BK/WT
Z3 18 BK/OR
Z3 18 BK/OR
Z3 22 BK/OR
Z3 22 BK/OR
Z3 20 BK/OR
Z3 18 BK/OR
Z3 16 BK/OR
Z3 22 BK/OR
Z3 12 BK/OR
G201
G200
(8W-15-12)


DRIVER HEATED SEAT CUSHION
(8W-63-6)
DRIVER POWER SEAT SWITCH
(8W-63-3)
SEAT HEAT INTERFACE MODULE (HEATED SEATS)
(8W-63-6)
PASSENGER POWER SEAT SWITCH
(8W-63-4)
PASSENGER HEATED SEAT CUSHION
(8W-63-8)
SEAT BELT SWITCH (CLUB CAB)
(8W-40-3)
S336
C365
S328
C359
C360
POWER SEAT
MANUAL SEAT
HEATED SEAT
OTHER
TO G300
(8W-15-16)

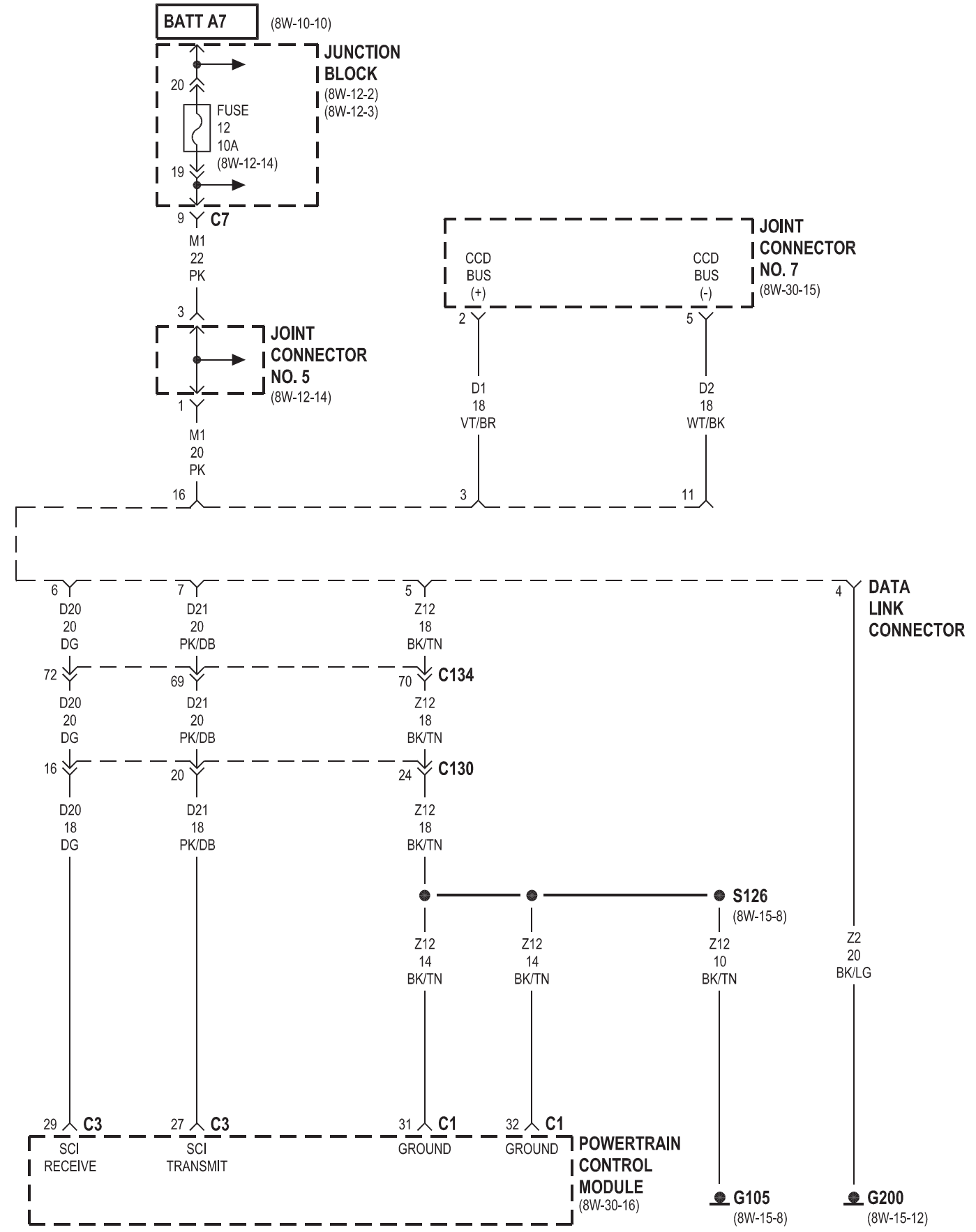

2
DRIVER DOOR AJAR SWITCH
(8W-45-7)
(8W-45-10)
1
DRIVER DOOR WINDOW/ LOCK SWITCH
(8W-60-2)
(8W-61-2)
3
4
RIGHT POWER MIRROR
(8W-62-3)
5
2
PASSENGER CYLINDER LOCK SWITCH
(8W-39-4)
1
MIDLINE
SLT
POWER MIRROR SWITCH
(8W-62-2)
8
PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-60-2)
8
2
DRIVER CYLINDER LOCK SWITCH
(8W-39-4)
1
4
LEFT POWER MIRROR
(8W-62-3)
5
Z2 20 BK/LG
Z2 14 BK/LG
Z2 20 BK/LG
Z2 20 BK/LG
Z2 20 BK/LG
Z2 20 BK/LG
Z2 14 BK/LG
S330
Z2 14 BK/LG
S329
(EXCEPT BASE)
8
C345
2
PASSENGER DOOR AJAR SWITCH
(8W-45-10)
1
Z2 14 BK/LG
FROM
C359
C360
(8W-15-15)
H
Z2 18 BK/LG
Z2 14 BK/LG
8
C347
S305
Z2 18 BK/LG
Z2 14 BK/LG
Z2 16 BK/LG
Z2 14 BK/LG
1
2
3
5
G300
4
Z2 16 BK/LG
G
TO
S311
(8W-15-17)
HEATED SEATS
NON-HEATED SEATS

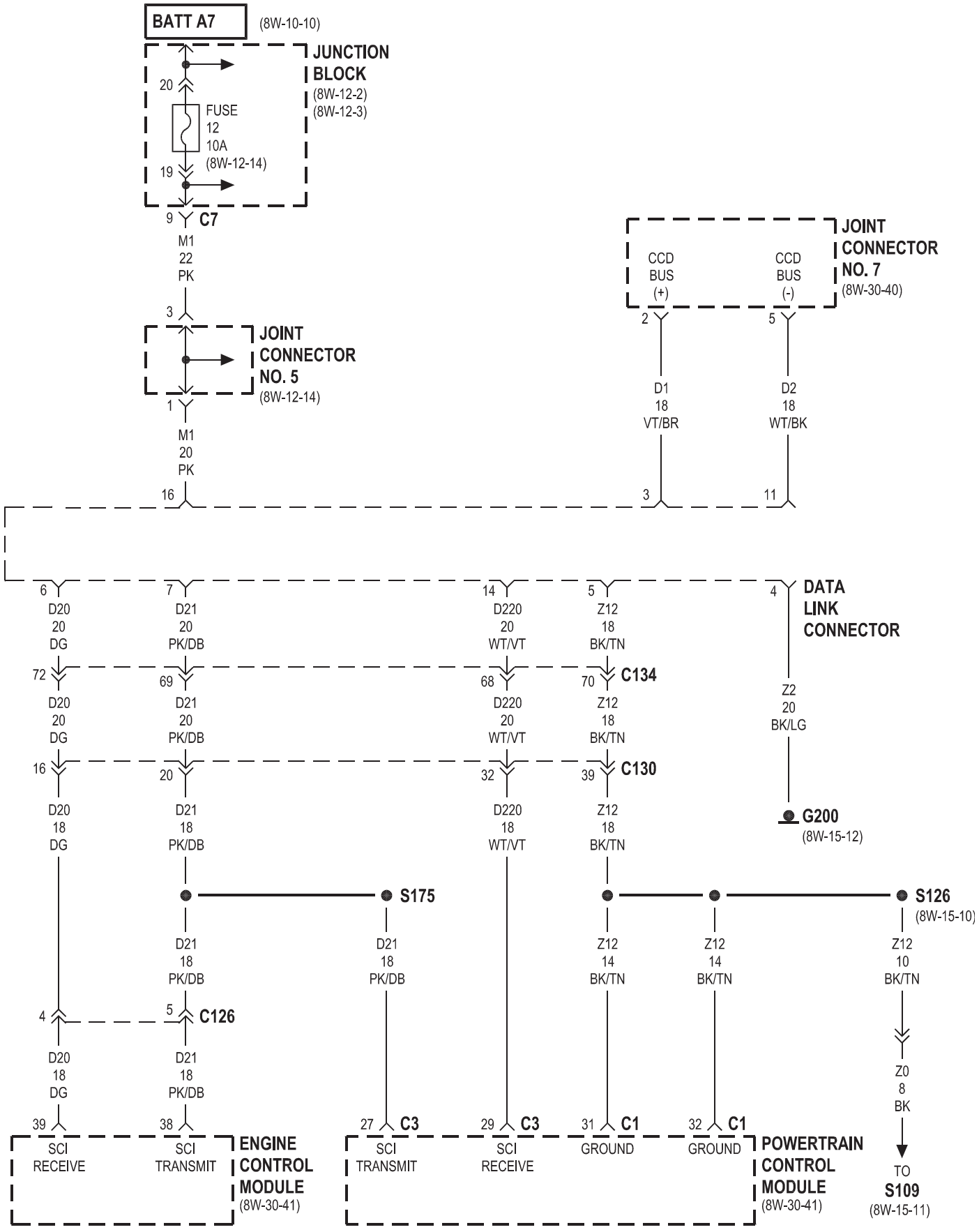

FROM
G300
(8W-15-16)
G
DRIVER DOOR WINDOW/ LOCK SWITCH (IEM)
(8W-61-2)
9
1
CENTER HIGH MOUNTED STOP LAMP NO. 1
(8W-51-4)
2
1
CENTER HIGH MOUNTED STOP LAMP NO. 2
(8W-51-4)
2
SEAT BELT SWITCH (STANDARD CAB)
(8W-40-3)
2
DRIVER POWER SEAT SWITCH (STANDARD CAB)
(8W-63-2)
B
Z2 16 BK/LG
Z2 18 BK/LG
Z3 18 BK/OR
Z3 18 BK/OR
Z2 20 BK/LG
Z3 14 BK/OR
6 C348
2 C308
1 C303
Z2 18 BK/LG
Z2 20 BK/LG
Z2 16 BK/LG
S311
Z2 16 BK/LG
G301

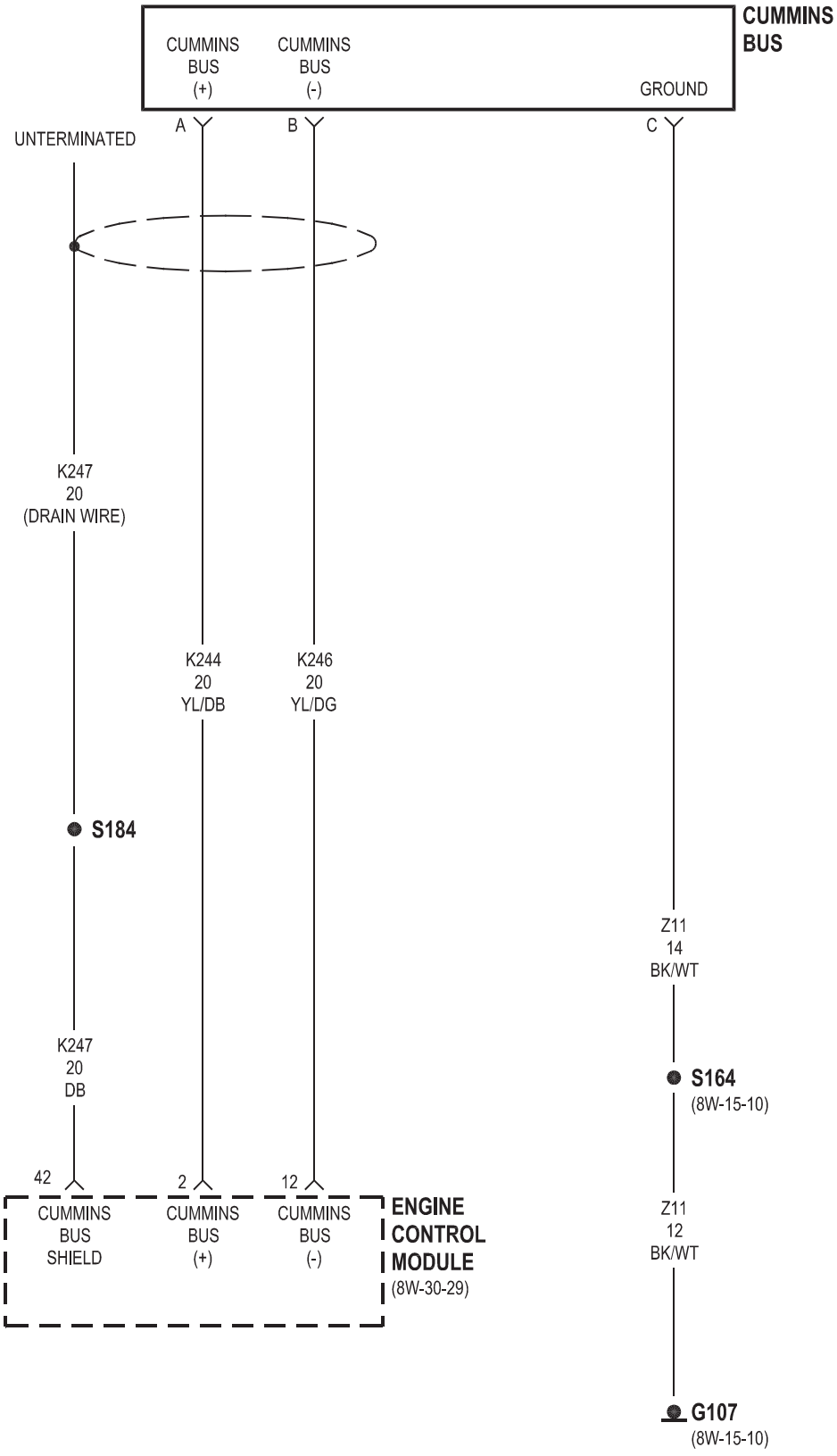

1
2
LEFT OUTBOARD CLEARANCE LAMP
(8W-50-8)
1
2
LEFT OUTBOARD IDENTIFICATION LAMP
(8W-50-8)
1
2
CENTER IDENTIFICATION LAMP
(8W-50-8)
1
2
RIGHT OUTBOARD CLEARANCE LAMP
(8W-50-8)
1
2
RIGHT OUTBOARD IDENTIFICATION LAMP
(8W-50-8)
Z4
18
BK
Z4
18
BK
Z4
18
BK
Z4
18
BK
Z4
18
BK
S325
Z4
18
BK
G302

8W-18 BUS COMMUNICATIONS

Component	Page
Cummins Bus	8W-18-4
Data Link Connector	8W-18-2, 3
Engine Control Module	8W-18-3, 4
Fuse 12 (JB)	8W-18-2, 3
G105	8W-18-2
G107	8W-18-4
G200	8W-18-2, 3
Joint Connector No. 5	8W-18-2, 3
Joint Connector No. 7	8W-18-2, 3
Junction Block	8W-18-2, 3
Powertrain Control Module	8W-18-2, 3

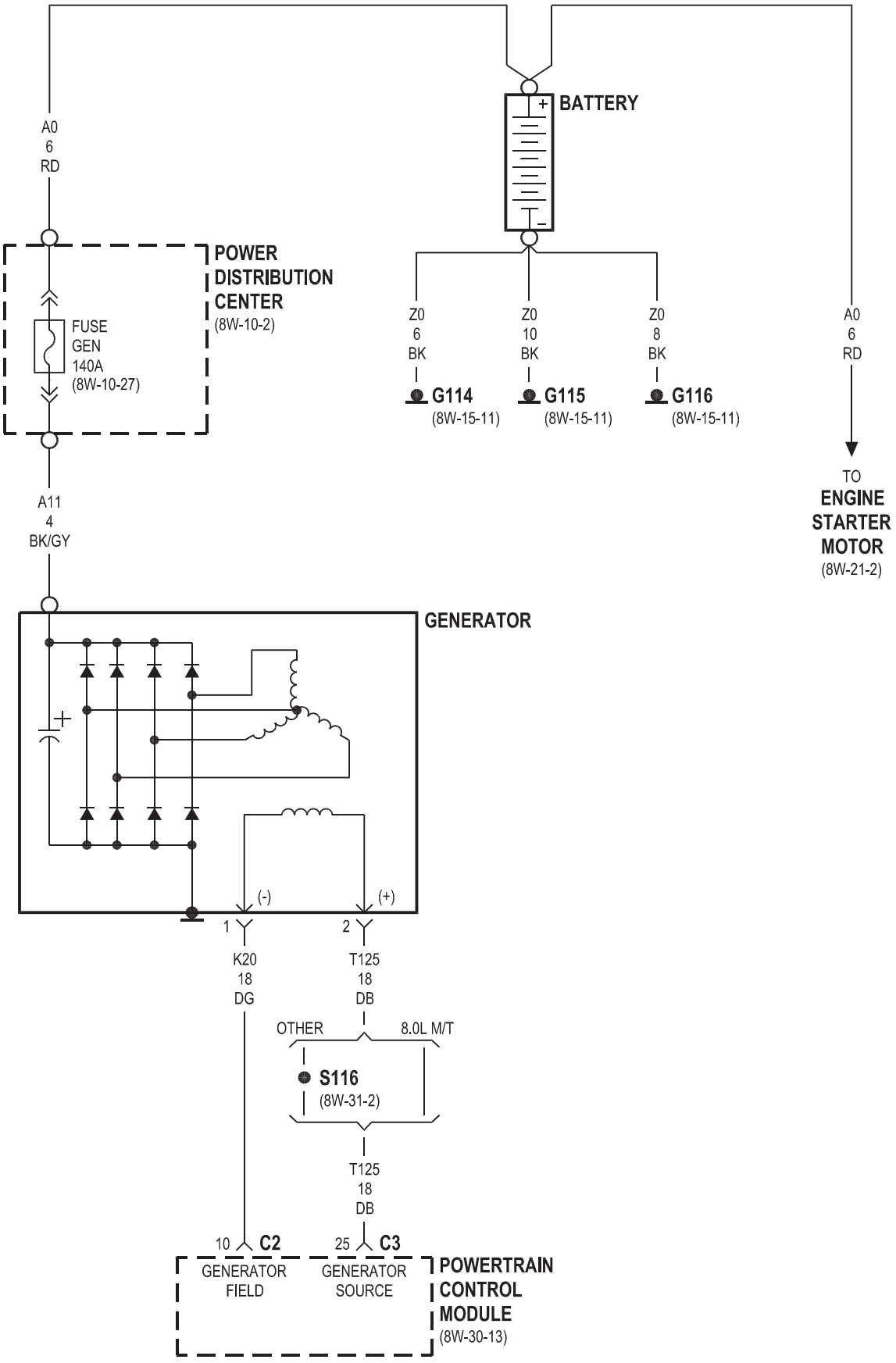

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
(8W-12-14)
19
9
C7
M1 22 PK
3
JOINT CONNECTOR NO. 5
(8W-12-14)
1
M1 20 PK
16
JOINT CONNECTOR NO. 7
(8W-30-15)
CCD BUS (+)
2
CCD BUS (-)
5
D1 18 VT/BR
3
D2 18 WT/BK
11
6
D20 20 DG
72
D20 20 DG
16
D20 18 DG
7
D21 20 PK/DB
69
D21 20 PK/DB
20
D21 18 PK/DB
5
Z12 18 BK/TN
70
C134
Z12 18 BK/TN
24
C130
Z12 18 BK/TN
4
DATA LINK CONNECTOR
S126
(8W-15-8)
Z12 14 BK/TN
Z12 14 BK/TN
Z12 10 BK/TN
Z2 20 BK/LG
29
C3
SCI RECEIVE
27
C3
SCI TRANSMIT
31
C1
GROUND
32
C1
GROUND
POWERTRAIN CONTROL MODULE
(8W-30-16)
G105
(8W-15-8)
G200
(8W-15-12)

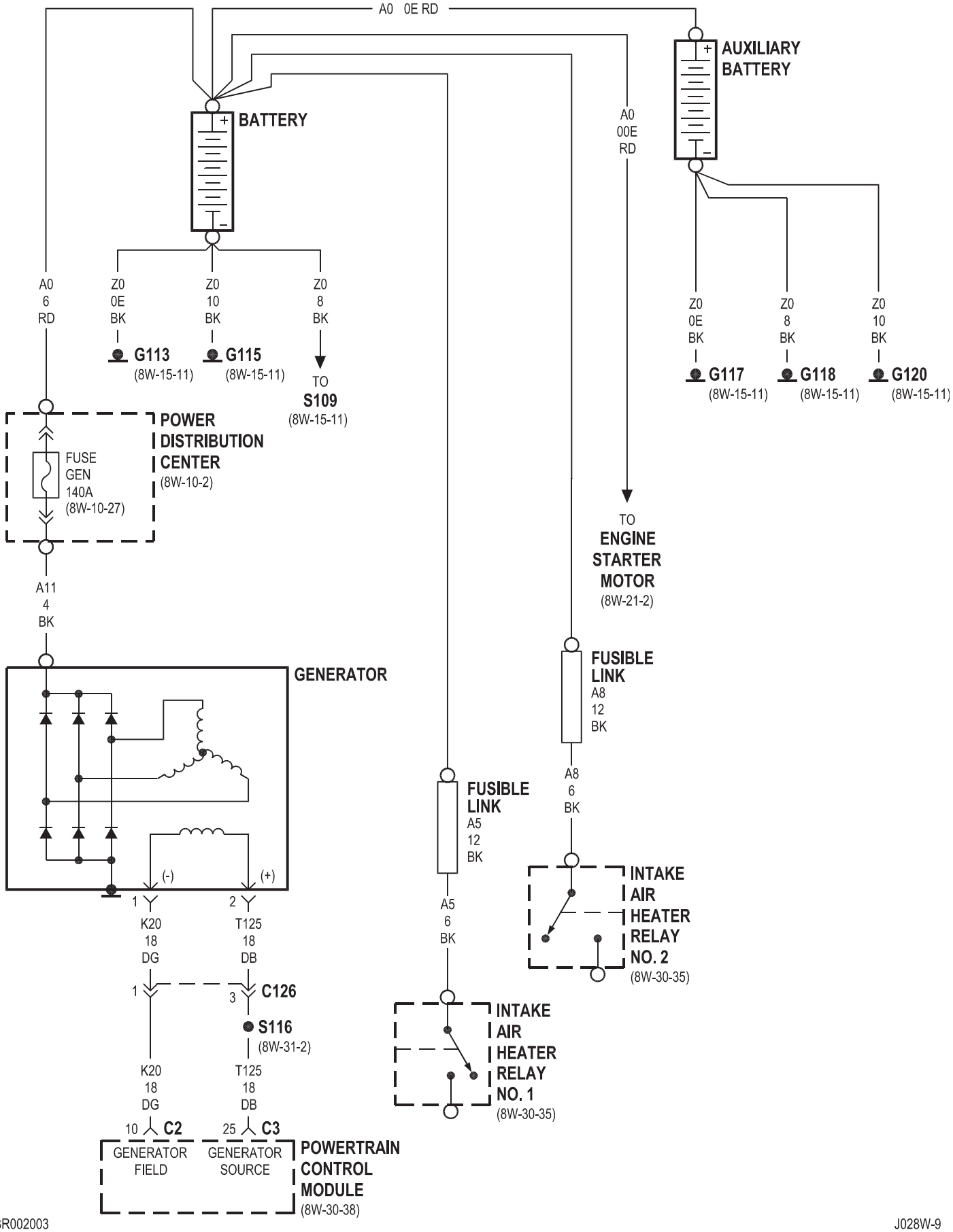

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
(8W-12-14)
19
9
C7
M1 22 PK
3
JOINT CONNECTOR NO. 5
(8W-12-14)
1
M1 20 PK
16
JOINT CONNECTOR NO. 7
(8W-30-40)
CCD BUS (+)
CCD BUS (-)
2
5
D1 18 VT/BR
D2 18 WT/BK
3
11
6
D20 20 DG
7
D21 20 PK/DB
14
D220 20 WT/VT
5
Z12 18 BK/TN
4
DATA LINK CONNECTOR
72
69
68
70
C134
Z2 20 BK/LG
16
20
32
39
C130
G200
(8W-15-12)
D20 18 DG
D21 18 PK/DB
D220 18 WT/VT
Z12 18 BK/TN
S175
S126
(8W-15-10)
Z12 14 BK/TN
Z12 10 BK/TN
4
5
C126
Z0 8 BK
39
38
27
29
31
32
C3
C3
C1
C1
SCI RECEIVE
SCI TRANSMIT
ENGINE CONTROL MODULE
(8W-30-41)
SCI TRANSMIT
SCI RECEIVE
GROUND
GROUND
POWERTRAIN CONTROL MODULE
(8W-30-41)
TO S109
(8W-15-11)

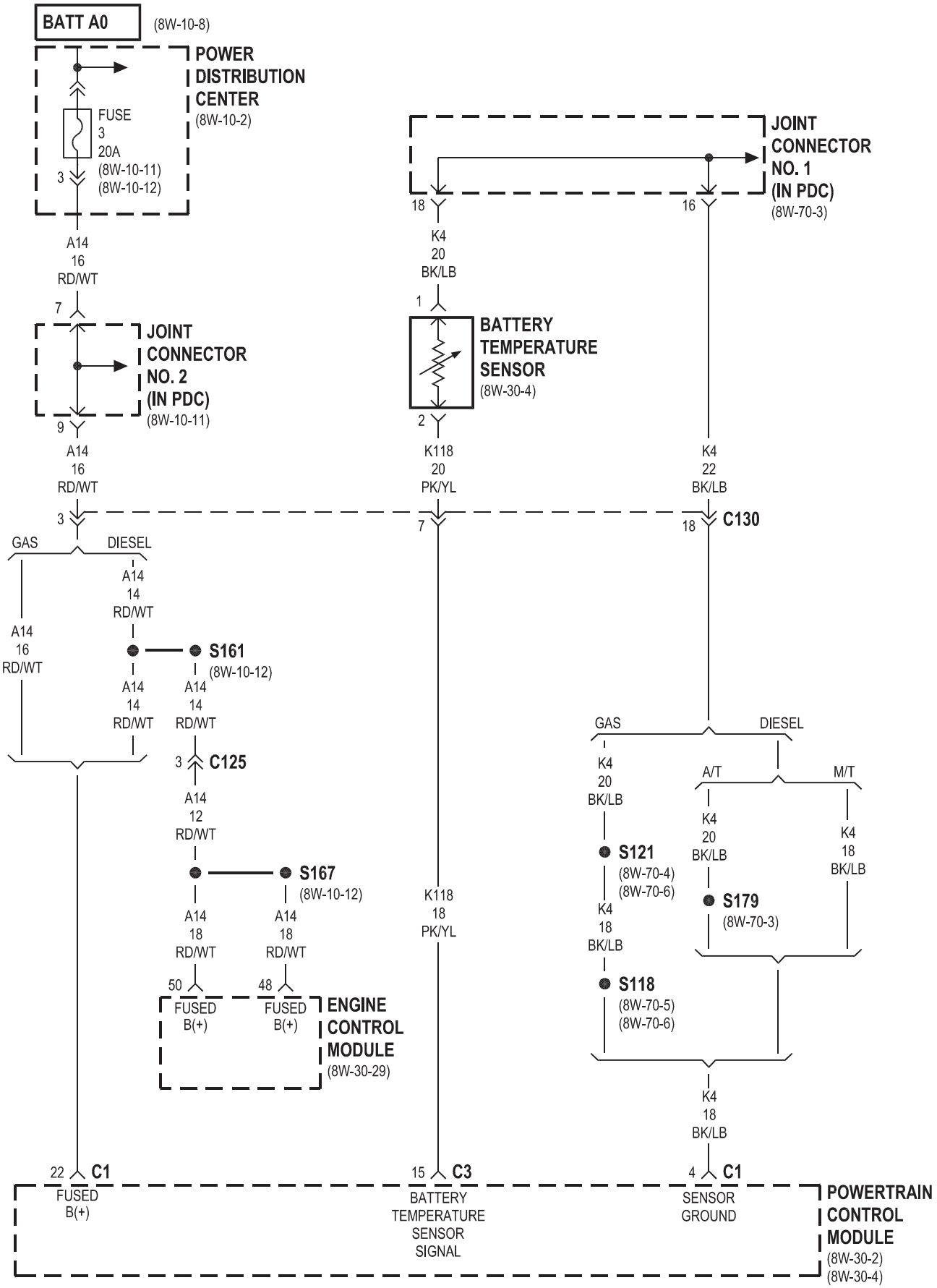

CUMMINS BUS
CUMMINS BUS (+)
CUMMINS BUS (-)
GROUND
A
B
C
UNTERMINATED
K247
20
(DRAIN WIRE)
K244
20
YL/DB
K246
20
YL/DG
S184
K247
20
DB
Z11
14
BK/WT
S164
(8W-15-10)
Z11
12
BK/WT
G107
(8W-15-10)
42
2
12
CUMMINS BUS SHIELD
CUMMINS BUS (+)
CUMMINS BUS (-)
ENGINE CONTROL MODULE
(8W-30-29)

8W-20 CHARGING SYSTEM

Component	Page
Auxiliary Battery	8W-20-3
Battery	8W-20-2, 3
Battery Temperature Sensor	8W-20-4
Engine Control Module	8W-20-4
Engine Starter Motor	8W-20-2, 3
Fuse 3 (PDC)	8W-20-4
Fuse Gen (PDC)	8W-20-2, 3
Fusible Link	8W-20-3
G113	8W-20-3
G114	8W-20-2
G115	8W-20-2, 3
G116	8W-20-2
G117	8W-20-3
G118	8W-20-3
G120	8W-20-3
Generator	8W-20-2, 3
Intake Air Heater Relay No. 1	8W-20-3
Intake Air Heater Relay No. 2	8W-20-3
Joint Connector No. 1	8W-20-4
Joint Connector No. 2	8W-20-4
Power Distribution Center	8W-20-2, 3, 4
Powertrain Control Module	8W-20-2, 3, 4

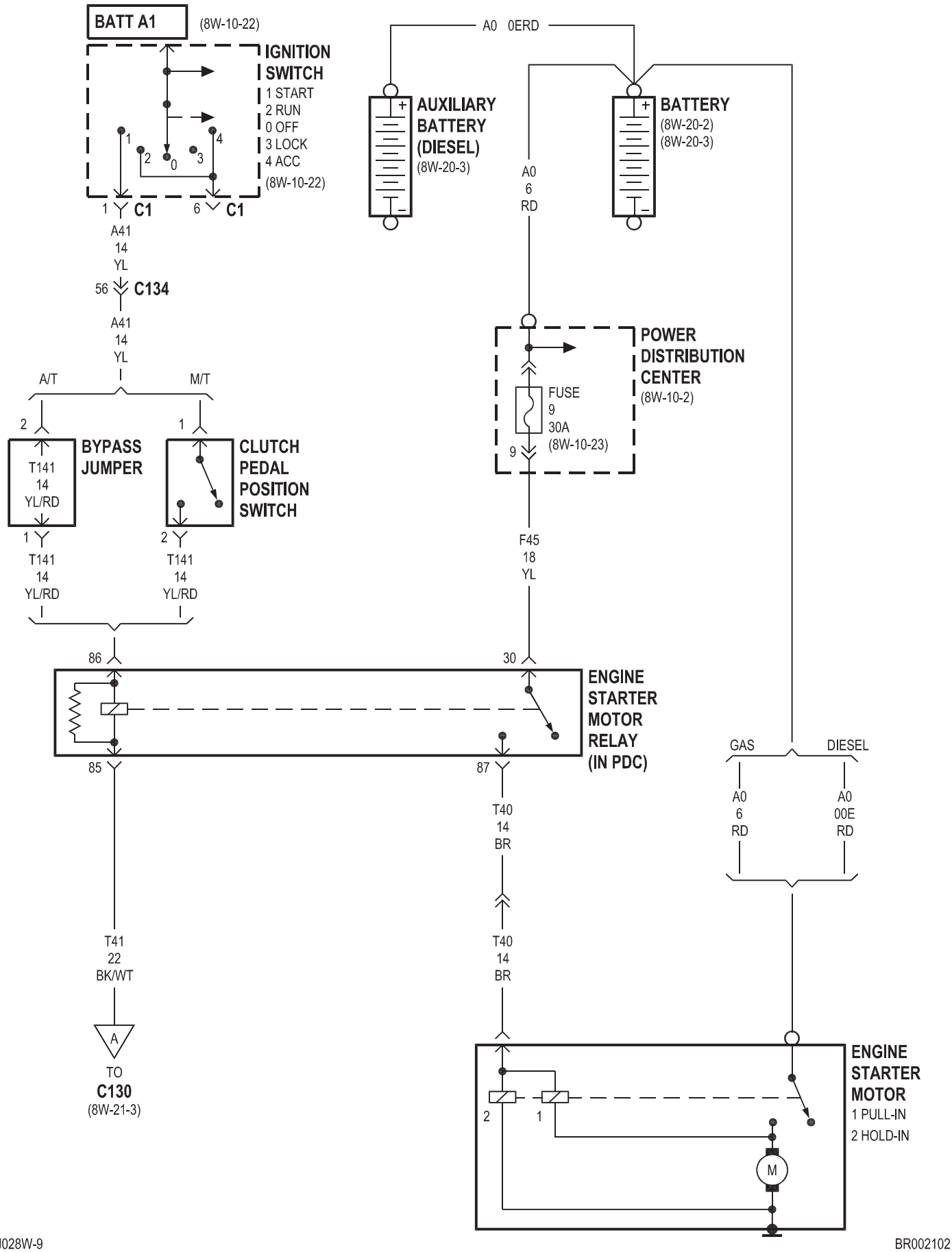

BATTERY
A0
6
RD
POWER
DISTRIBUTION
CENTER
(8W-10-2)
FUSE
GEN
140A
(8W-10-27)
Z0
6
BK
G114
(8W-15-11)
Z0
10
BK
G115
(8W-15-11)
Z0
8
BK
G116
(8W-15-11)
A0
6
RD
TO
ENGINE
STARTER
MOTOR
(8W-21-2)
A11
4
BK/GY
GENERATOR
(-)
(+)
1
2
K20
18
DG
T125
18
DB
OTHER
8.0L M/T
S116
(8W-31-2)
T125
18
DB
10
C2
25
C3
GENERATOR
FIELD
GENERATOR
SOURCE
POWERTRAIN
CONTROL
MODULE
(8W-30-13)

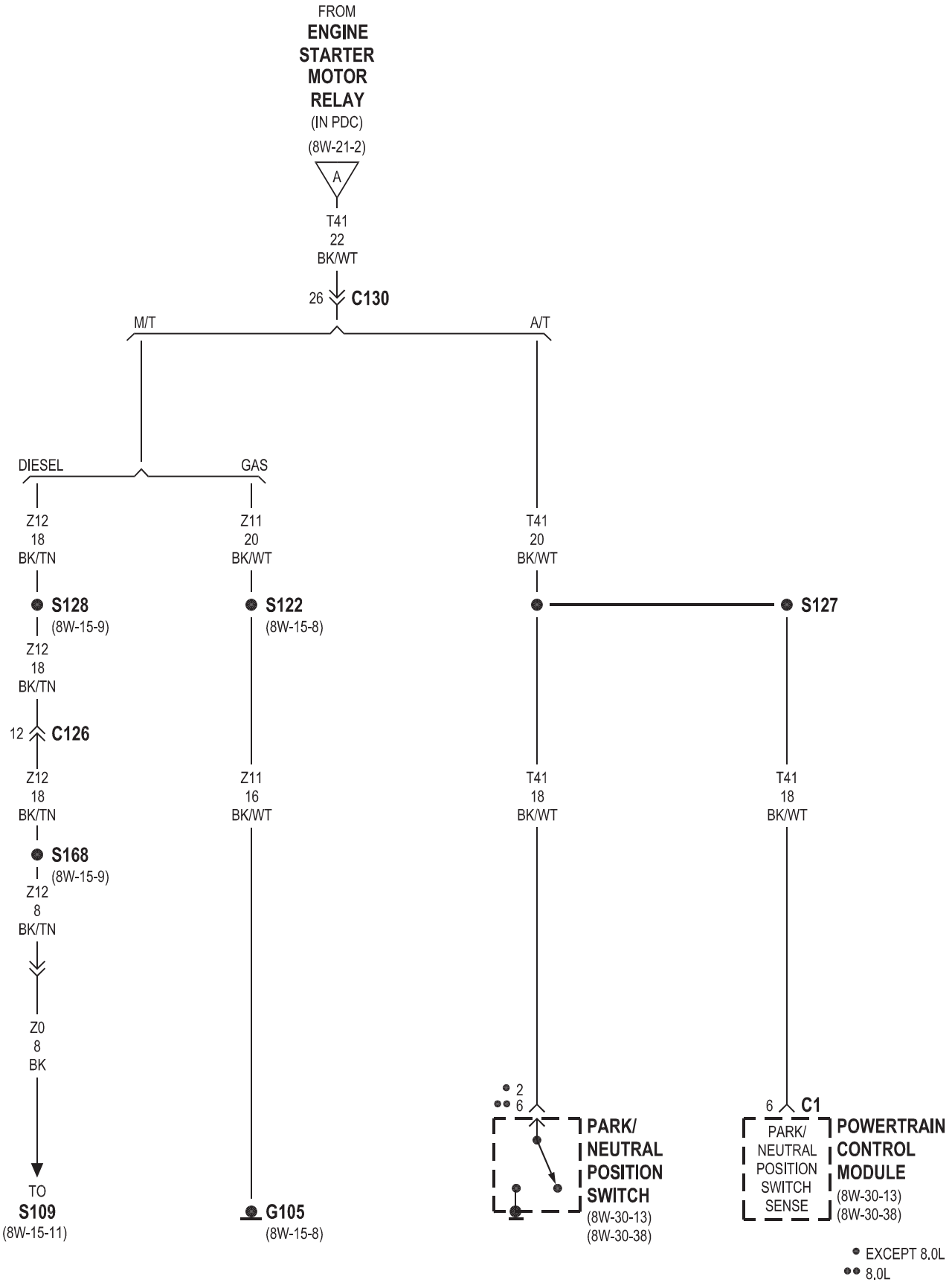

A0 0E RD
BATTERY
AUXILIARY BATTERY
A0 00E RD
A0 6 RD
Z0 0E BK
Z0 10 BK
Z0 8 BK
G113 (8W-15-11)
G115 (8W-15-11)
TO S109 (8W-15-11)
Z0 0E BK
Z0 8 BK
Z0 10 BK
G117 (8W-15-11)
G118 (8W-15-11)
G120 (8W-15-11)
POWER DISTRIBUTION CENTER (8W-10-2)
FUSE GEN 140A (8W-10-27)
TO ENGINE STARTER MOTOR (8W-21-2)
A11 4 BK
GENERATOR
FUSIBLE LINK A8 12 BK
A8 6 BK
FUSIBLE LINK A5 12 BK
A5 6 BK
INTAKE AIR HEATER RELAY NO. 2 (8W-30-35)
INTAKE AIR HEATER RELAY NO. 1 (8W-30-35)
(-)
(+)
1
2
K20 18 DG
T125 18 DB
1
3
C126
S116 (8W-31-2)
K20 18 DG
T125 18 DB
10
C2
25
C3
GENERATOR FIELD
GENERATOR SOURCE
POWERTRAIN CONTROL MODULE (8W-30-38)


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 3 20A
(8W-10-11)
(8W-10-12)
3
A14 16 RD/WT
7
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-11)
9
A14 16 RD/WT
3
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-70-3)
18
16
K4 20 BK/LB
1
BATTERY TEMPERATURE SENSOR
(8W-30-4)
2
K118 20 PK/YL
7
K4 22 BK/LB
18
C130
GAS
DIESEL
A14 16 RD/WT
A14 14 RD/WT
S161
(8W-10-12)
A14 14 RD/WT
A14 14 RD/WT
3
C125
A14 12 RD/WT
S167
(8W-10-12)
A14 18 RD/WT
A14 18 RD/WT
50
48
FUSED B(+)
FUSED B(+)
ENGINE CONTROL MODULE
(8W-30-29)
K118 18 PK/YL
GAS
DIESEL
K4 20 BK/LB
A/T
M/T
K4 20 BK/LB
K4 18 BK/LB
S121
(8W-70-4)
(8W-70-6)
S179
(8W-70-3)
K4 18 BK/LB
S118
(8W-70-5)
(8W-70-6)
K4 18 BK/LB
22
C1
FUSED B(+)
15
C3
BATTERY TEMPERATURE SENSOR SIGNAL
4
C1
SENSOR GROUND
POWERTRAIN CONTROL MODULE
(8W-30-2)
(8W-30-4)

8W-21 STARTING SYSTEM

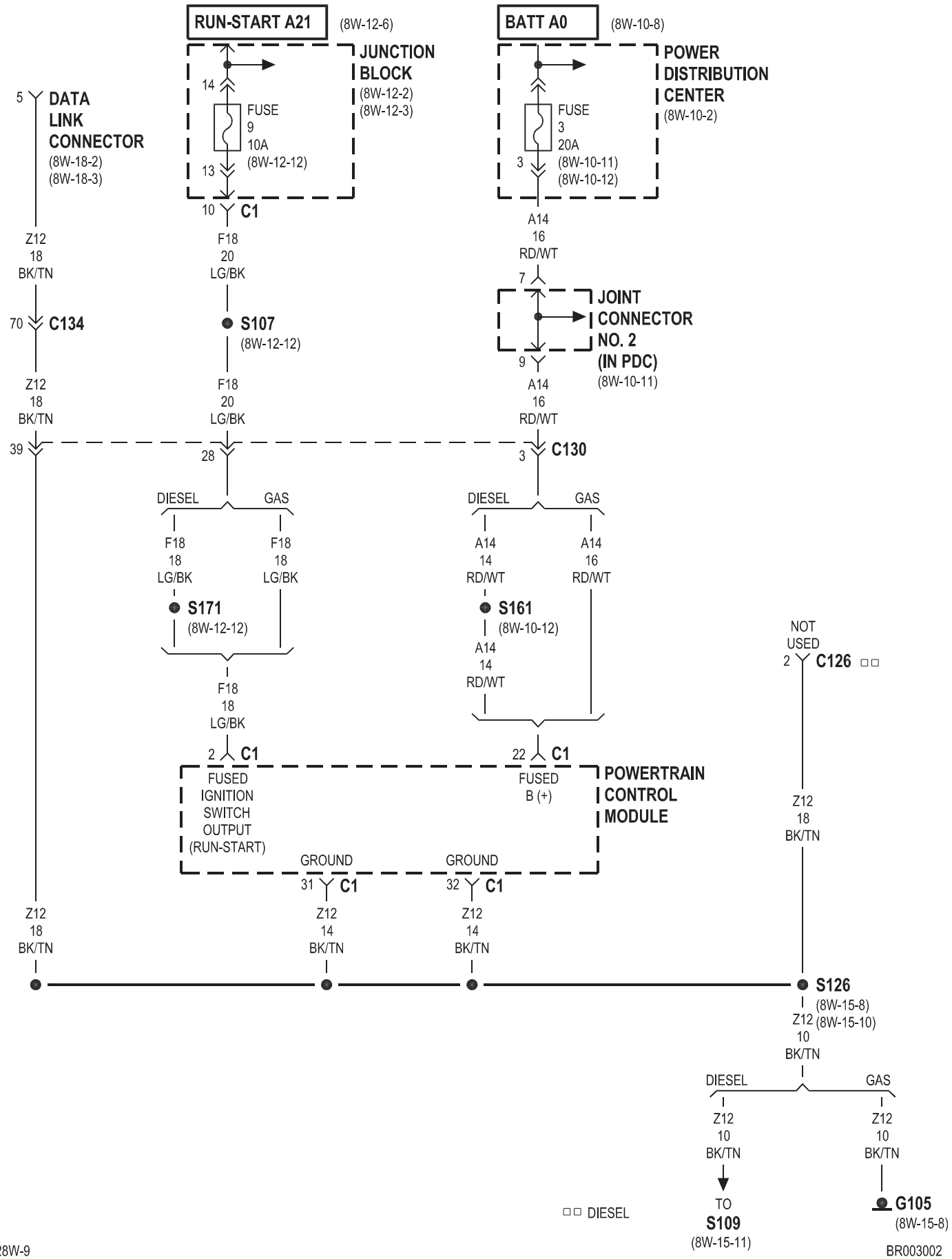
Component	Page
Auxiliary Battery	8W-21-2
Battery	8W-21-2
Bypass Jumper	8W-21-2
Clutch Pedal Position Switch	8W-21-2
Engine Starter Motor	8W-21-2
Engine Starter Motor Relay	8W-21-2, 3
Fuse 9 (PDC)	8W-21-2
G105	8W-21-3
Ignition Switch	8W-21-2
Park/Neutral Position Switch	8W-21-3
Power Distribution Center	8W-21-2
Powertrain Control Module	8W-21-3

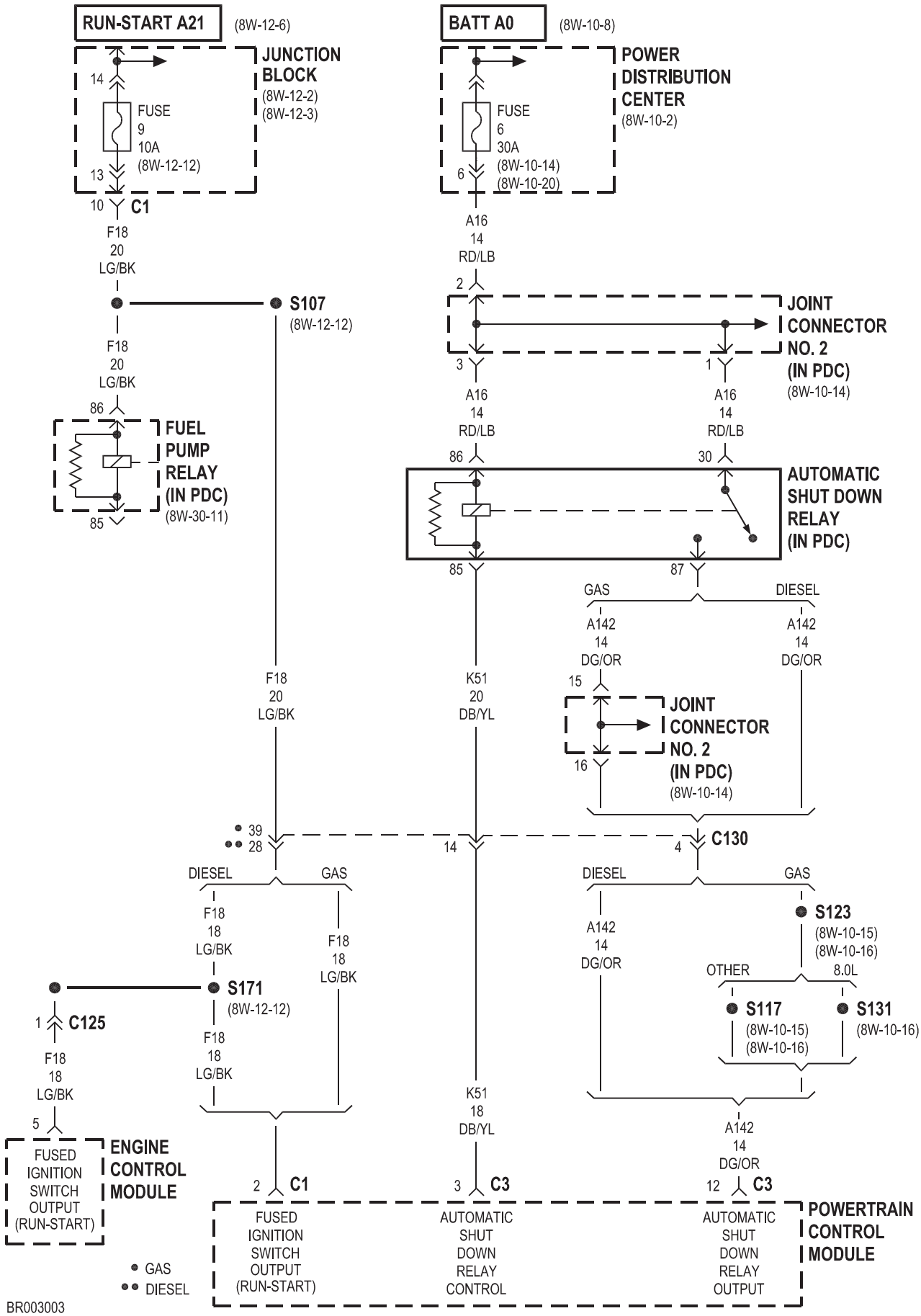

BATT A1
(8W-10-22)
IGNITION SWITCH
1 START
2 RUN
0 OFF
3 LOCK
4 ACC
(8W-10-22)
1 C1
6 C1
A41
14
YL
56 C134
A41
14
YL
A/T
M/T
2
1
BYPASS JUMPER
T141
14
YL/RD
CLUTCH PEDAL POSITION SWITCH
1
T141
14
YL/RD
2
T141
14
YL/RD
A0 0ERD
AUXILIARY BATTERY (DIESEL)
(8W-20-3)
BATTERY
(8W-20-2)
(8W-20-3)
A0
6
RD
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
9
30A
(8W-10-23)
9
F45
18
YL
86
30
ENGINE STARTER MOTOR RELAY (IN PDC)
85
87
T40
14
BR
GAS
DIESEL
A0
6
RD
A0
00E
RD
T41
22
BK/WT
A
TO
C130
(8W-21-3)
T40
14
BR
2
1
M
ENGINE STARTER MOTOR
1 PULL-IN
2 HOLD-IN

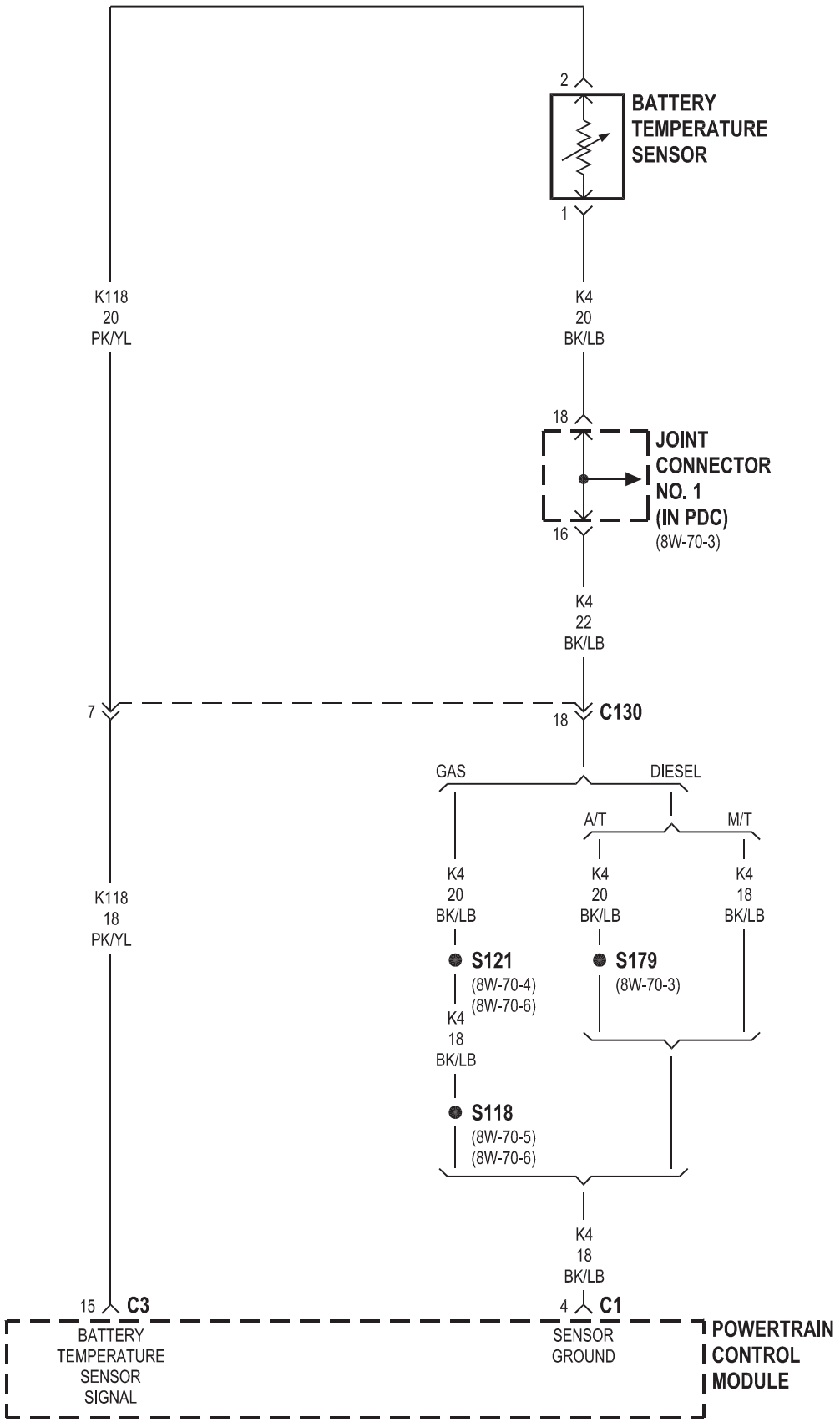

FROM
ENGINE STARTER MOTOR RELAY
(IN PDC)
(8W-21-2)
A
T41
22
BK/WT
26 C130
M/T
A/T
DIESEL
GAS
Z12
18
BK/TN
S128
(8W-15-9)
Z12
18
BK/TN
12 C126
Z12
18
BK/TN
S168
(8W-15-9)
Z12
8
BK/TN
Z0
8
BK
TO
S109
(8W-15-11)
Z11
20
BK/WT
S122
(8W-15-8)
Z11
16
BK/WT
G105
(8W-15-8)
T41
20
BK/WT
S127
T41
18
BK/WT
T41
18
BK/WT
2
6
PARK/ NEUTRAL POSITION SWITCH
(8W-30-13)
(8W-30-38)
6 C1
PARK/ NEUTRAL POSITION SWITCH SENSE
POWERTRAIN CONTROL MODULE
(8W-30-13)
(8W-30-38)
EXCEPT 8.0L
8.0L

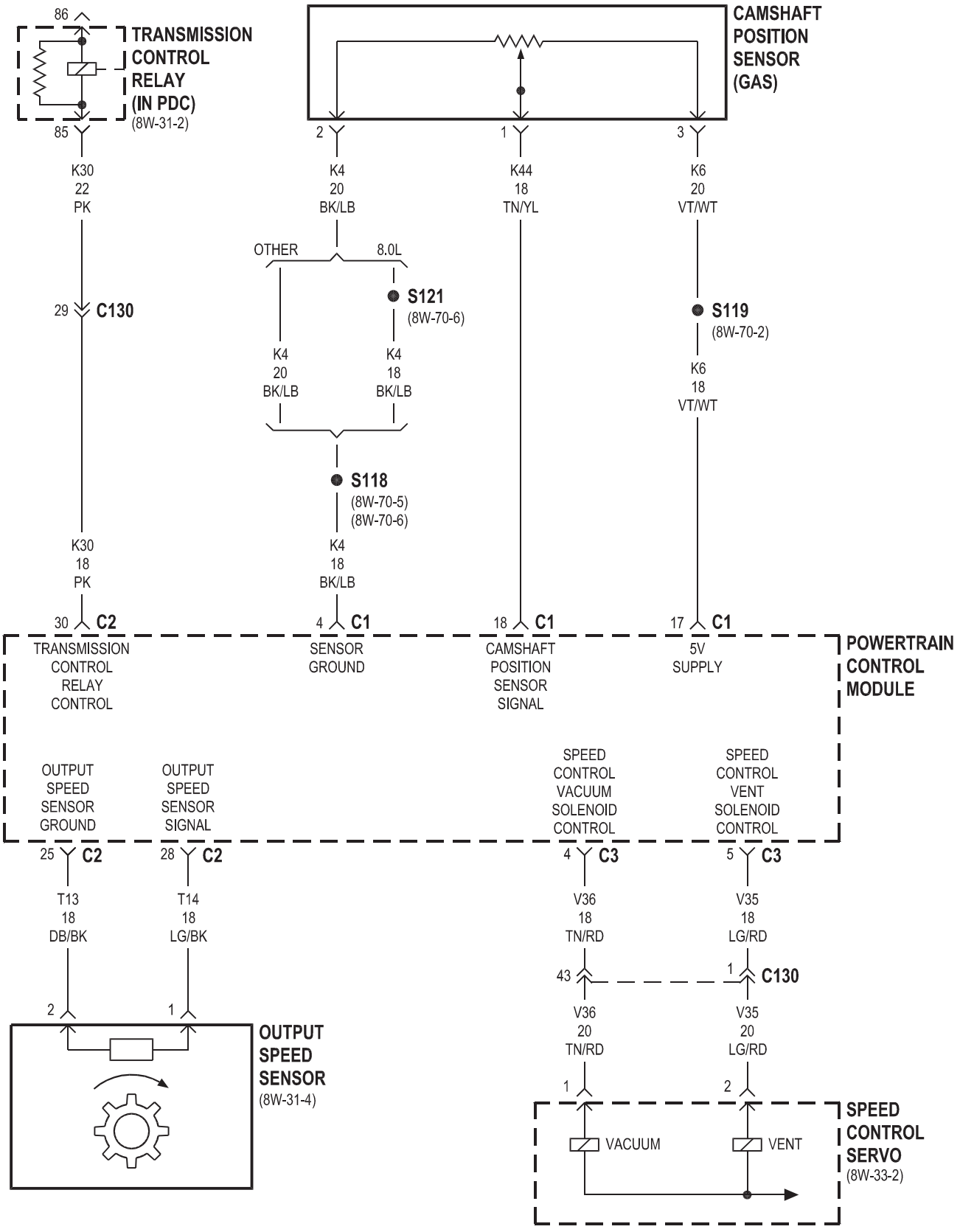
8W-30 FUEL/IGNITION SYSTEM

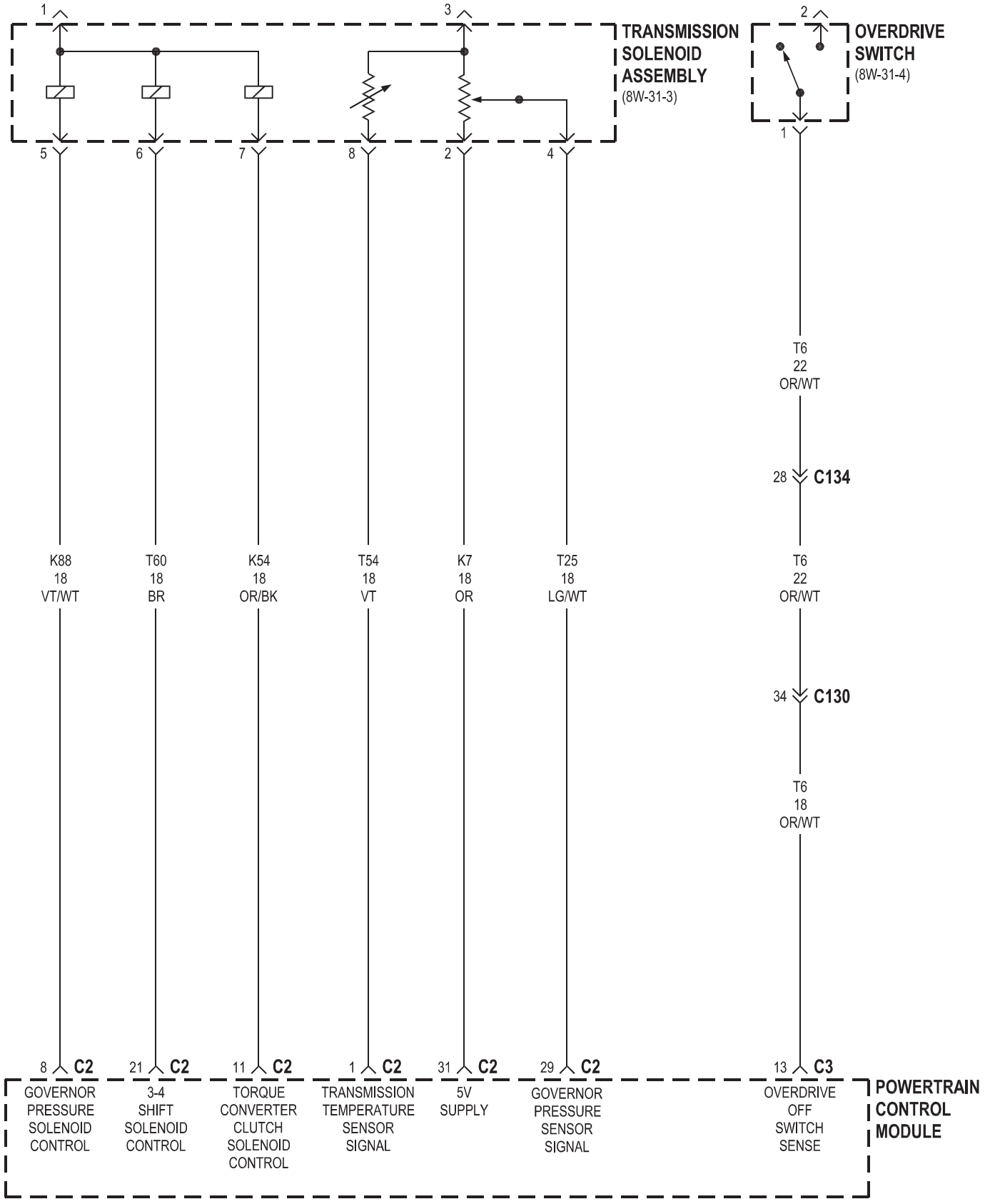
Component	Page
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Fuel Injector No. 2	8W-30-24, 27
Fuel Injector No. 3	8W-30-23, 26
Fuel Injector No. 4	8W-30-24, 27
Fuel Injector No. 5	8W-30-23, 26
Fuel Injector No. 6	8W-30-24, 27
Fuel Injector No. 7	8W-30-23, 26
Fuel Injector No. 8	8W-30-24, 27
Fuel Injector No. 9	8W-30-26
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Oxygen Sensor 1/2 Downstream	8W-30-17
Oxygen Sensor 1/2 Left Bank Down	8W-30-20
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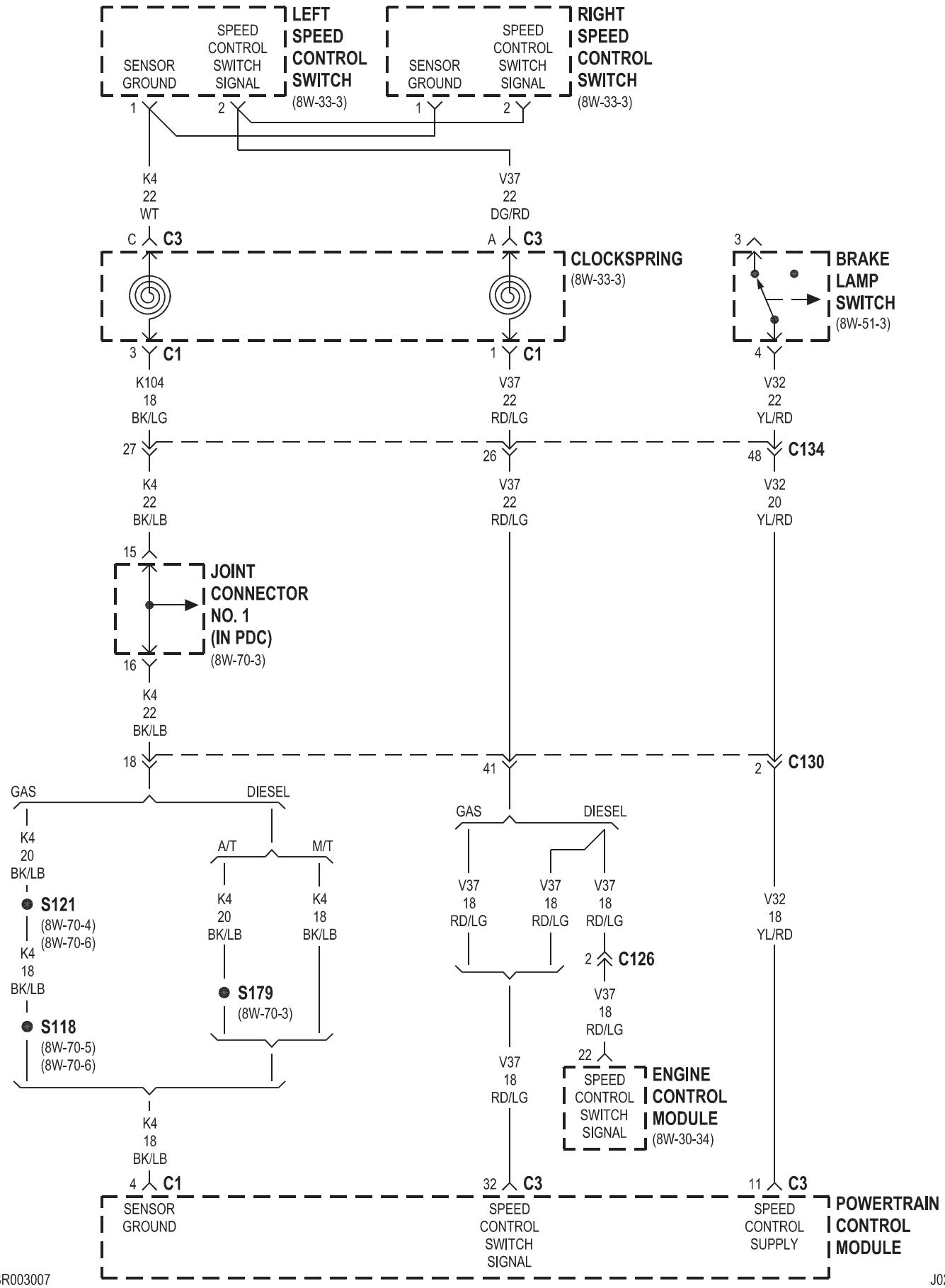

RUN-START A21
(8W-12-6)
BATT A0
(8W-10-8)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 9 10A (8W-12-12)
FUSE 3 20A (8W-10-11) (8W-10-12)
5 DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
Z12 18 BK/TN
F18 20 LG/BK
A14 16 RD/WT
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-11)
C134
S107
(8W-12-12)
C130
DIESEL
GAS
F18 18 LG/BK
A14 14 RD/WT
A14 16 RD/WT
S171
(8W-12-12)
S161
(8W-10-12)
NOT USED
C126
C1
FUSED IGNITION SWITCH OUTPUT (RUN-START)
FUSED B (+)
POWERTRAIN CONTROL MODULE
GROUND
Z12 14 BK/TN
S126
(8W-15-8)
(8W-15-10)
Z12 10 BK/TN
TO S109
(8W-15-11)
G105
(8W-15-8)
□□ DIESEL

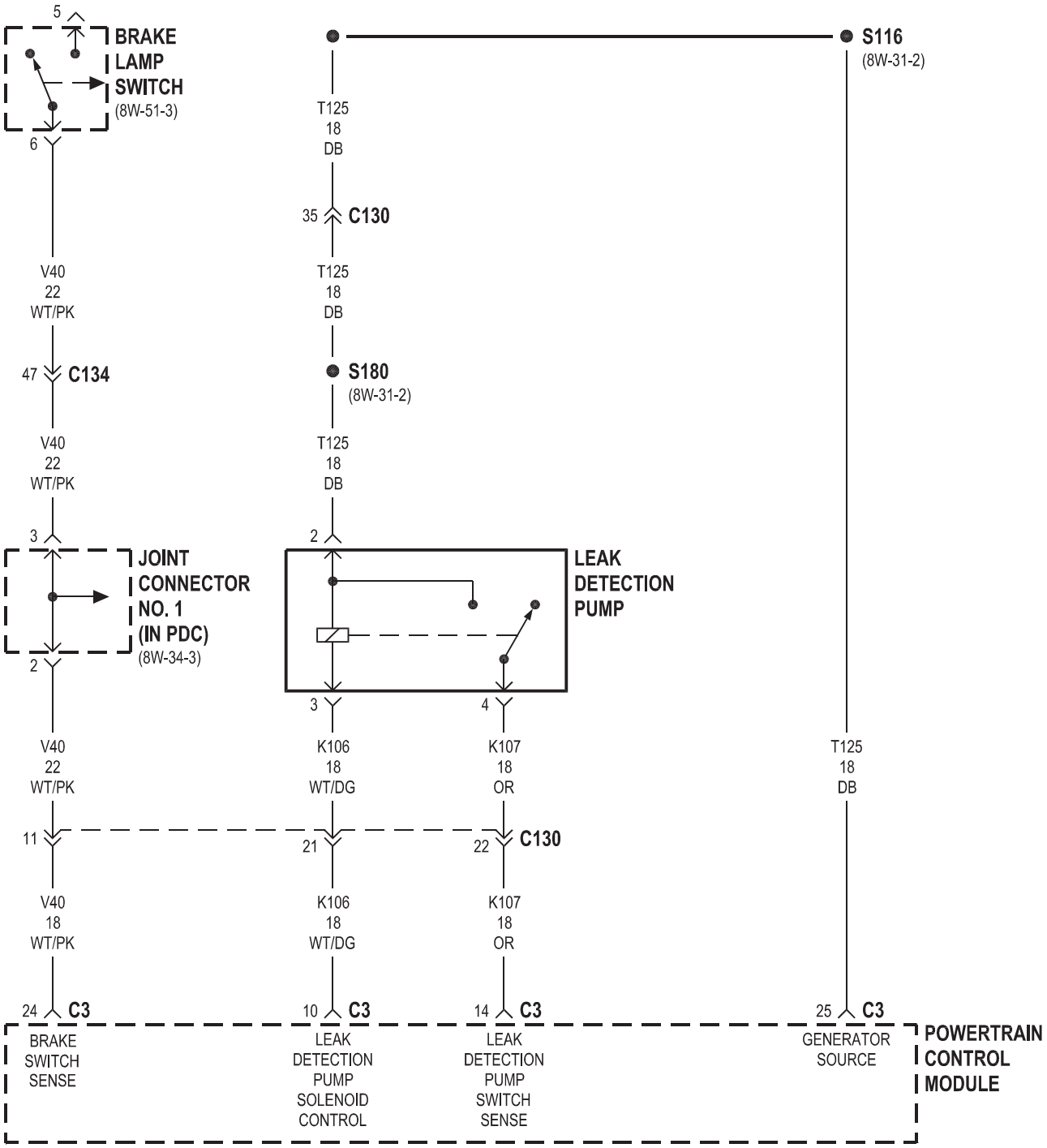

RUN-START A21
(8W-12-6)
BATT A0
(8W-10-8)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE 9 10A
(8W-12-12)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 6 30A
(8W-10-14)
(8W-10-20)
C1
F18 20 LG/BK
A16 14 RD/LB
S107
(8W-12-12)
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-14)
FUEL PUMP RELAY (IN PDC)
(8W-30-11)
AUTOMATIC SHUT DOWN RELAY (IN PDC)
GAS
DIESEL
A142 14 DG/OR
K51 20 DB/YL
C130
S171
(8W-12-12)
S123
(8W-10-15)
(8W-10-16)
OTHER
8.0L
S117
(8W-10-15)
(8W-10-16)
S131
(8W-10-16)
C125
FUSED IGNITION SWITCH OUTPUT (RUN-START)
ENGINE CONTROL MODULE
K51 18 DB/YL
C3
AUTOMATIC SHUT DOWN RELAY CONTROL
AUTOMATIC SHUT DOWN RELAY OUTPUT
POWERTRAIN CONTROL MODULE
GAS
DIESEL

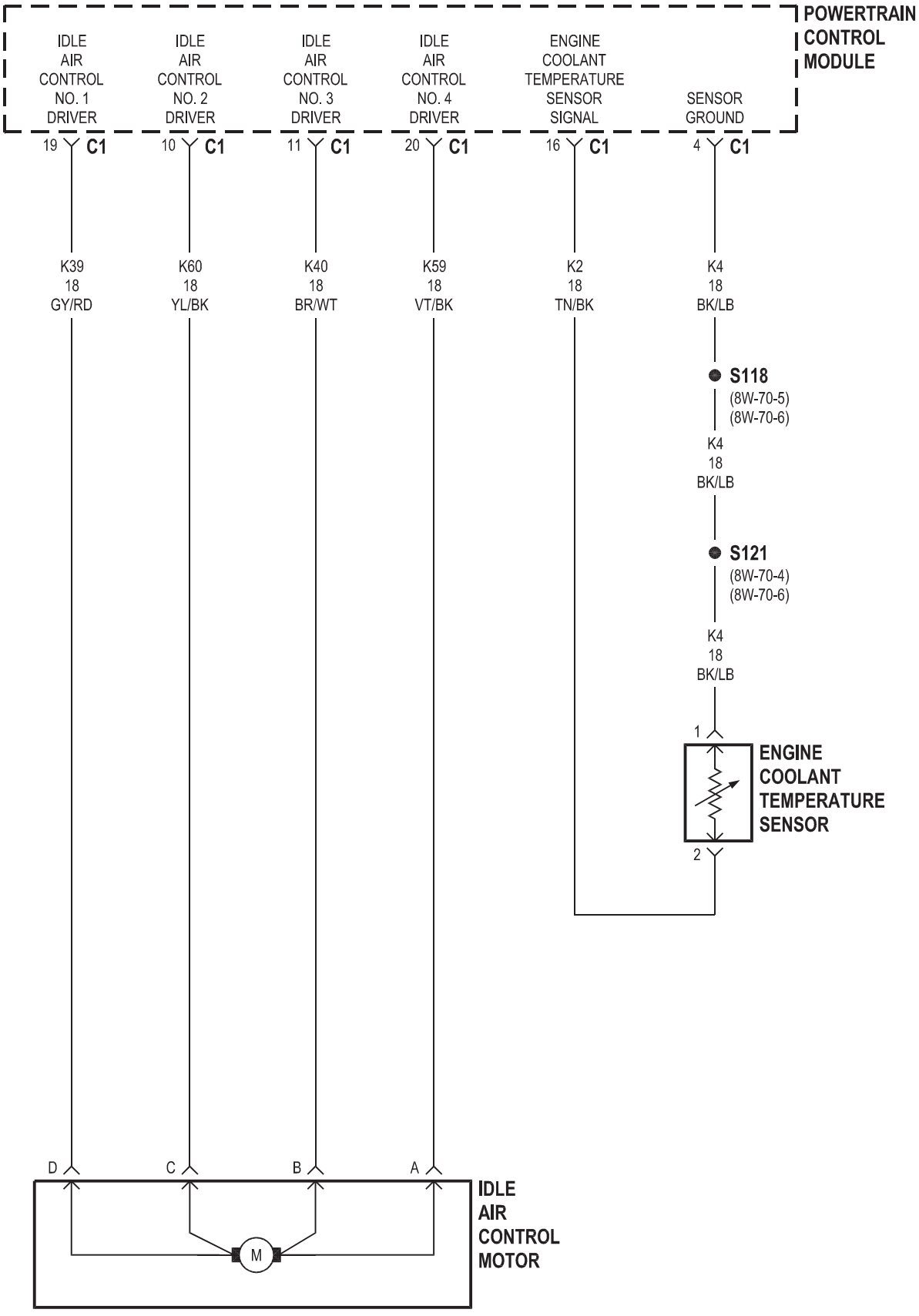

2
BATTERY
TEMPERATURE
SENSOR
1
K118
20
PK/YL
K4
20
BK/LB
18
JOINT
CONNECTOR
NO. 1
(IN PDC)
(8W-70-3)
16
K4
22
BK/LB
7
18
C130
GAS
DIESEL
A/T
M/T
K118
18
PK/YL
K4
20
BK/LB
K4
20
BK/LB
K4
18
BK/LB
S121
(8W-70-4)
(8W-70-6)
S179
(8W-70-3)
K4
18
BK/LB
S118
(8W-70-5)
(8W-70-6)
K4
18
BK/LB
15
C3
4
C1
BATTERY
TEMPERATURE
SENSOR
SIGNAL
SENSOR
GROUND
POWERTRAIN
CONTROL
MODULE

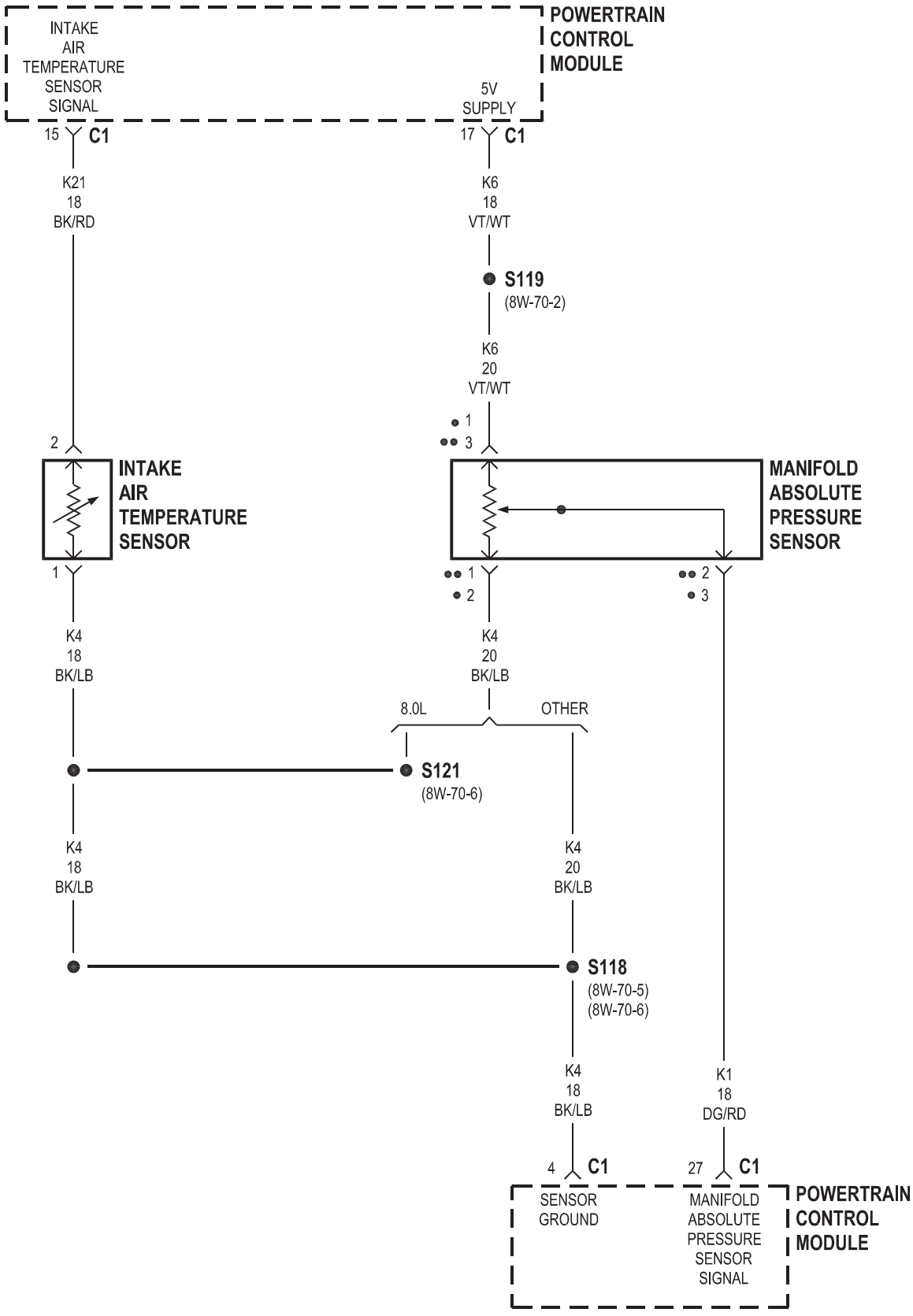

86
TRANSMISSION CONTROL RELAY (IN PDC)
(8W-31-2)
85
K30
22
PK
29 C130
K30
18
PK
30 C2
TRANSMISSION CONTROL RELAY CONTROL
CAMSHAFT POSITION SENSOR (GAS)
2
1
3
K4
20
BK/LB
K44
18
TN/YL
K6
20
VT/WT
OTHER
8.0L
S121
(8W-70-6)
K4
20
BK/LB
K4
18
BK/LB
S118
(8W-70-5)
(8W-70-6)
K4
18
BK/LB
4 C1
SENSOR GROUND
18 C1
CAMSHAFT POSITION SENSOR SIGNAL
S119
(8W-70-2)
K6
18
VT/WT
17 C1
5V SUPPLY
POWERTRAIN CONTROL MODULE
OUTPUT SPEED SENSOR GROUND
OUTPUT SPEED SENSOR SIGNAL
SPEED CONTROL VACUUM SOLENOID CONTROL
SPEED CONTROL VENT SOLENOID CONTROL
25 C2
28 C2
4 C3
5 C3
T13
18
DB/BK
T14
18
LG/BK
V36
18
TN/RD
V35
18
LG/RD
43
1 C130
2
1
OUTPUT SPEED SENSOR
(8W-31-4)
V36
20
TN/RD
V35
20
LG/RD
1
2
VACUUM
VENT
SPEED CONTROL SERVO
(8W-33-2)


1
3
2
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
OVERDRIVE SWITCH
(8W-31-4)
5
6
7
8
2
4
1
T6
22
OR/WT
28
C134
K88
18
VT/WT
T60
18
BR
K54
18
OR/BK
T54
18
VT
K7
18
OR
T25
18
LG/WT
T6
22
OR/WT
34
C130
T6
18
OR/WT
8
C2
GOVERNOR PRESSURE SOLENOID CONTROL
21
C2
3-4 SHIFT SOLENOID CONTROL
11
C2
TORQUE CONVERTER CLUTCH SOLENOID CONTROL
1
C2
TRANSMISSION TEMPERATURE SENSOR SIGNAL
31
C2
5V SUPPLY
29
C2
GOVERNOR PRESSURE SENSOR SIGNAL
13
C3
OVERDRIVE OFF SWITCH SENSE
POWERTRAIN CONTROL MODULE

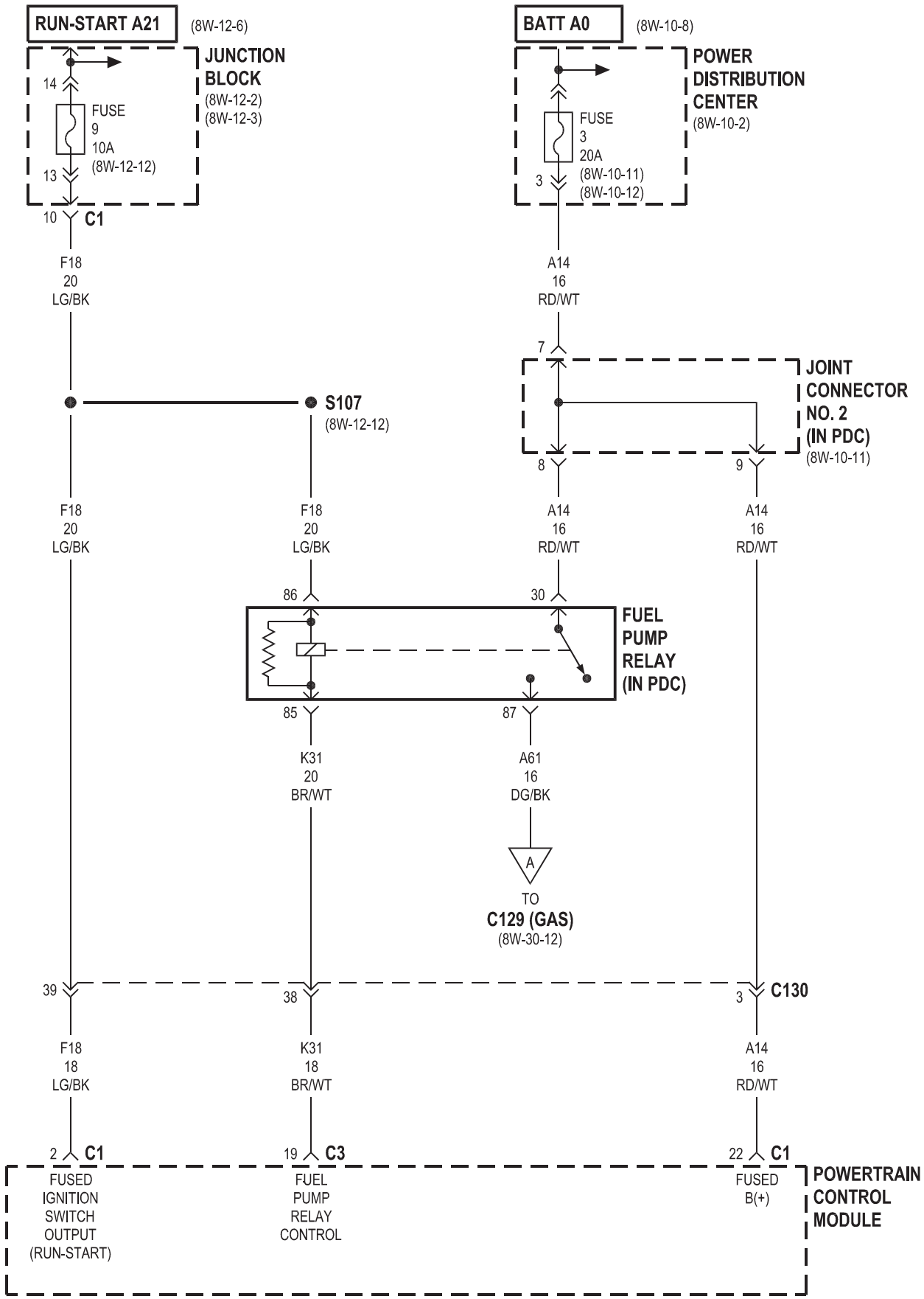

LEFT SPEED CONTROL SWITCH
(8W-33-3)
SENSOR GROUND
SPEED CONTROL SWITCH SIGNAL
RIGHT SPEED CONTROL SWITCH
(8W-33-3)
K4 22 WT
V37 22 DG/RD
C3
CLOCKSPRING
(8W-33-3)
BRAKE LAMP SWITCH
(8W-51-3)
C1
K104 18 BK/LG
V37 22 RD/LG
V32 22 YL/RD
C134
K4 22 BK/LB
V37 22 RD/LG
V32 20 YL/RD
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-70-3)
C130
GAS
DIESEL
A/T
M/T
K4 20 BK/LB
K4 18 BK/LB
V37 18 RD/LG
V32 18 YL/RD
S121
(8W-70-4)
(8W-70-6)
S179
(8W-70-3)
S118
(8W-70-5)
(8W-70-6)
C126
SPEED CONTROL SWITCH SIGNAL
ENGINE CONTROL MODULE
(8W-30-34)
SENSOR GROUND
SPEED CONTROL SWITCH SIGNAL
SPEED CONTROL SUPPLY
POWERTRAIN CONTROL MODULE

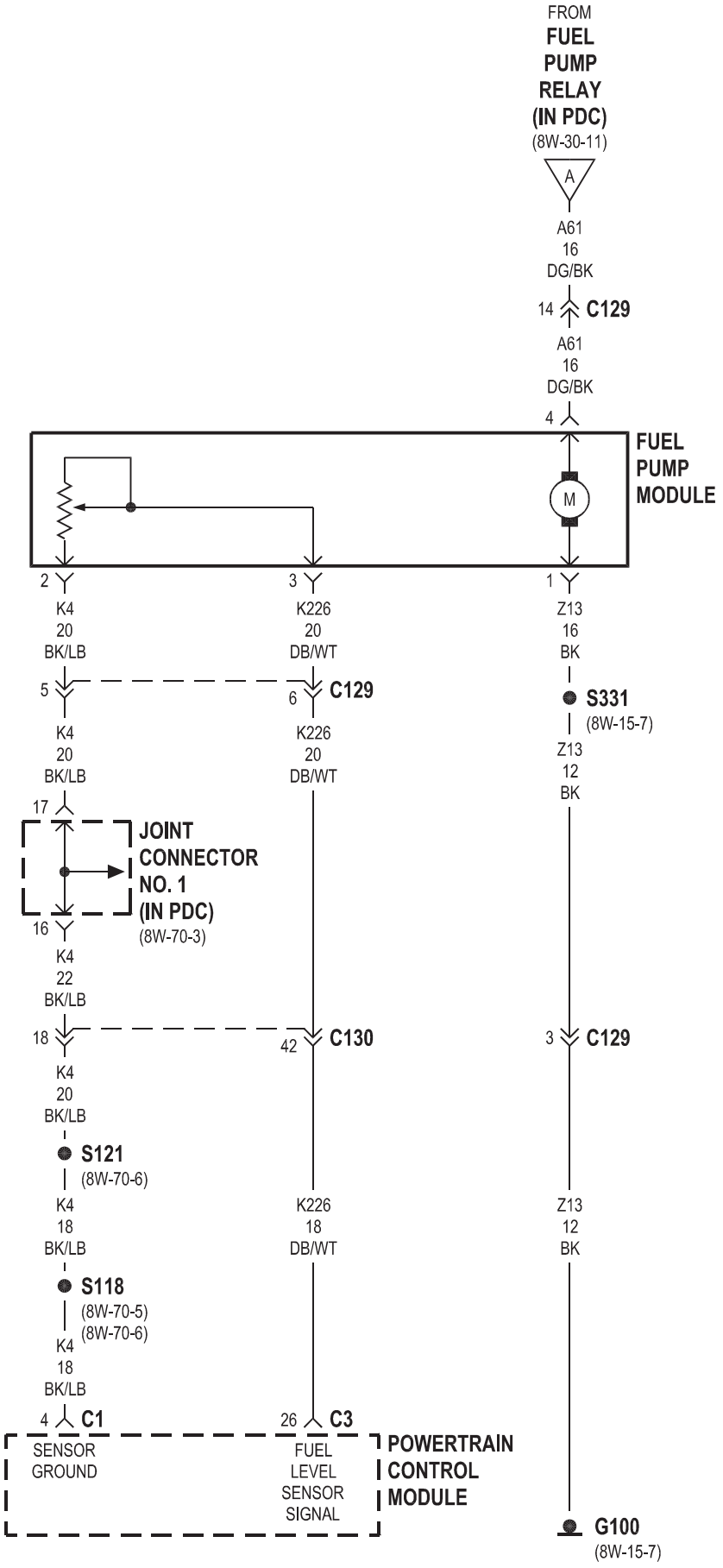

5
BRAKE LAMP SWITCH
(8W-51-3)
6
V40 22 WT/PK
47 C134
V40 22 WT/PK
3
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-34-3)
2
V40 22 WT/PK
11
V40 18 WT/PK
24 C3
BRAKE SWITCH SENSE
T125 18 DB
35 C130
T125 18 DB
S180
(8W-31-2)
T125 18 DB
2
LEAK DETECTION PUMP
3
4
K106 18 WT/DG
K107 18 OR
21
22 C130
K106 18 WT/DG
K107 18 OR
10 C3
LEAK DETECTION PUMP SOLENOID CONTROL
14 C3
LEAK DETECTION PUMP SWITCH SENSE
S116
(8W-31-2)
T125 18 DB
25 C3
GENERATOR SOURCE
POWERTRAIN CONTROL MODULE

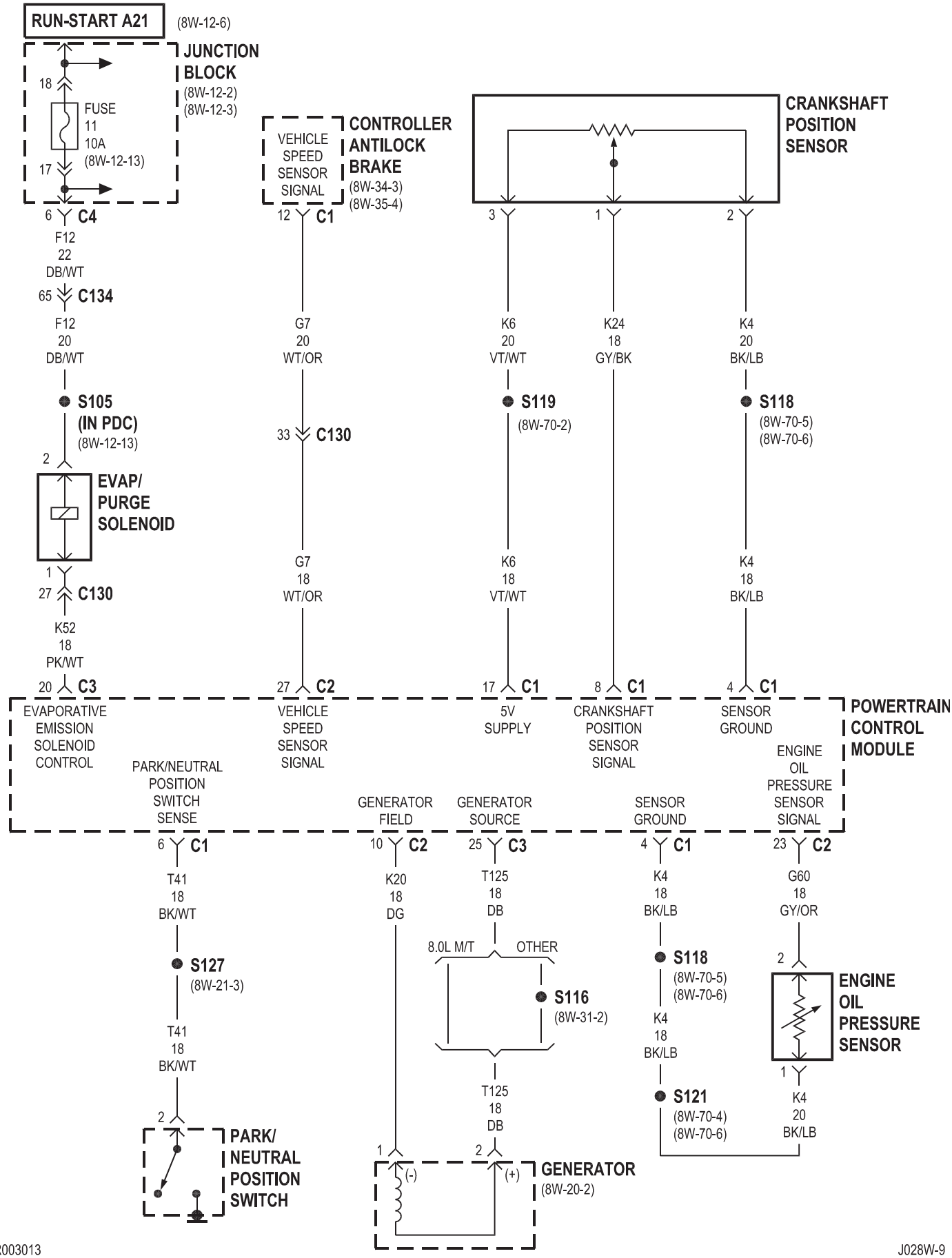

POWERTRAIN CONTROL MODULE
IDLE AIR CONTROL NO. 1 DRIVER
IDLE AIR CONTROL NO. 2 DRIVER
IDLE AIR CONTROL NO. 3 DRIVER
IDLE AIR CONTROL NO. 4 DRIVER
ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
19 C1
10 C1
11 C1
20 C1
16 C1
4 C1
K39 18 GY/RD
K60 18 YL/BK
K40 18 BR/WT
K59 18 VT/BK
K2 18 TN/BK
K4 18 BK/LB
S118
(8W-70-5)
(8W-70-6)
K4 18 BK/LB
S121
(8W-70-4)
(8W-70-6)
K4 18 BK/LB
1
ENGINE COOLANT TEMPERATURE SENSOR
2
D
C
B
A
M
IDLE AIR CONTROL MOTOR

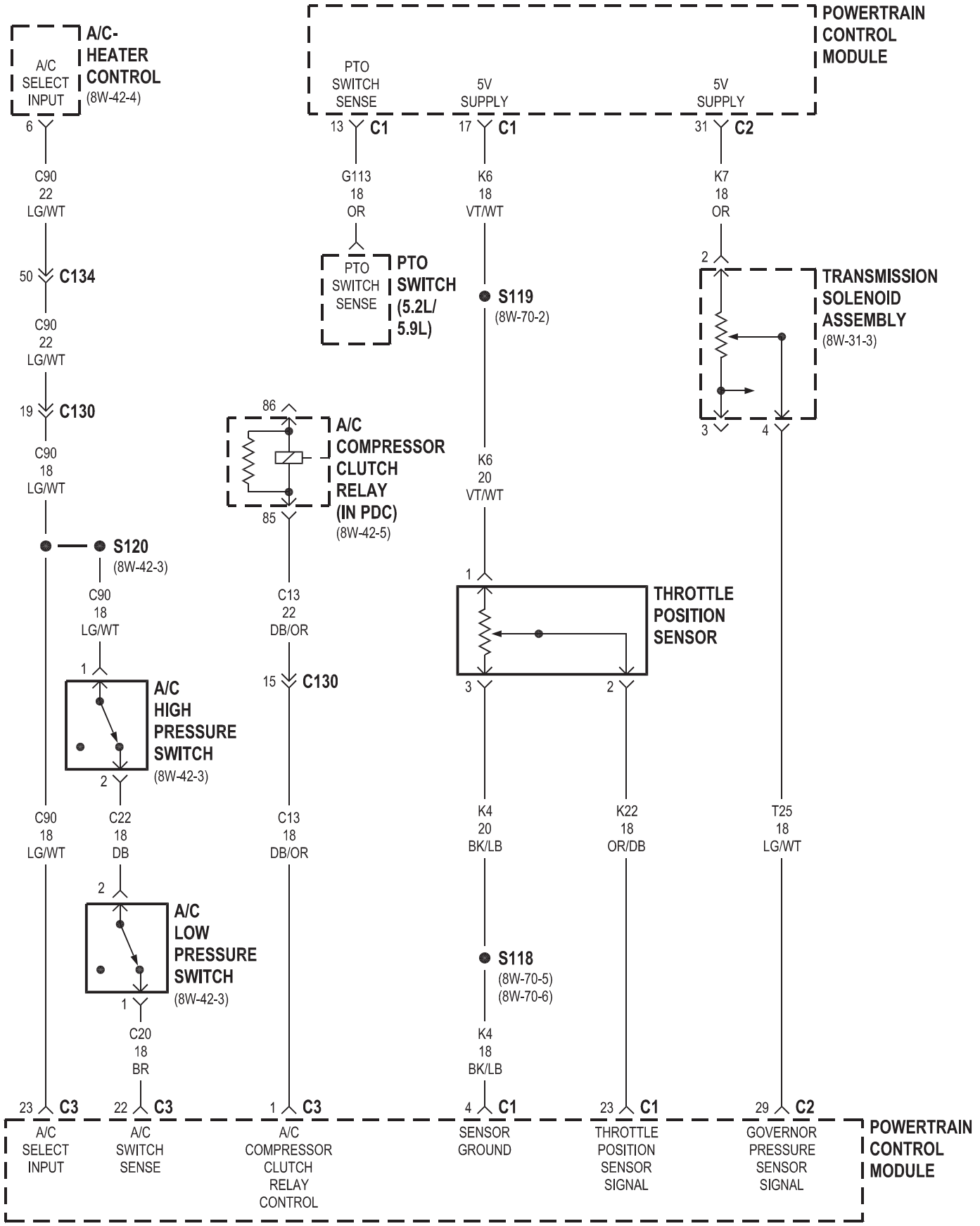


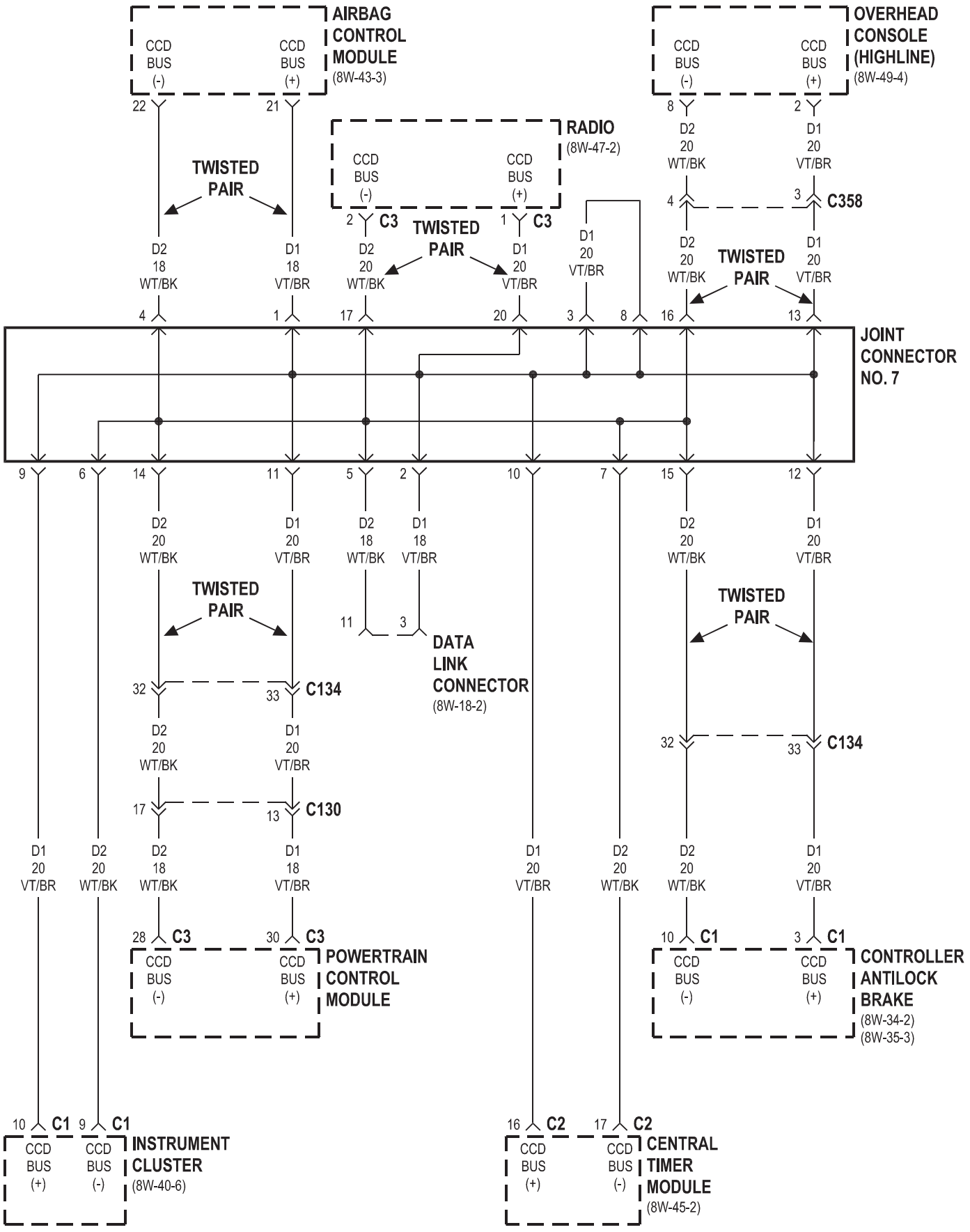
• 8.0L
•• EXCEPT 8.0L

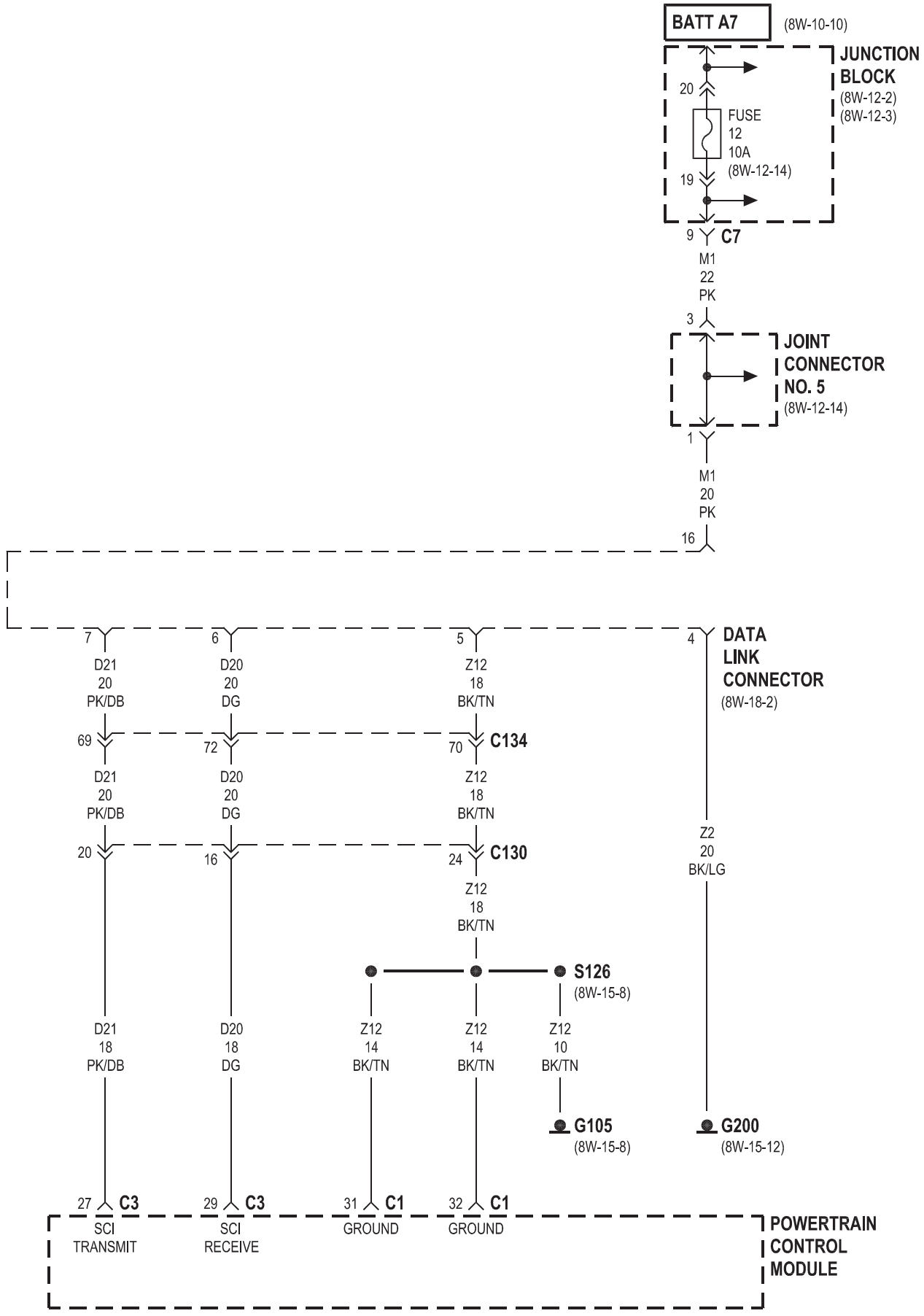

RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
14
FUSE 9 10A
(8W-12-12)
13
10
C1
F18
20
LG/BK
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 3 20A
(8W-10-11)
(8W-10-12)
3
A14
16
RD/WT
7
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-11)
8
9
S107
(8W-12-12)
F18
20
LG/BK
F18
20
LG/BK
A14
16
RD/WT
A14
16
RD/WT
86
30
FUEL PUMP RELAY (IN PDC)
85
87
K31
20
BR/WT
A61
16
DG/BK
A
TO
C129 (GAS)
(8W-30-12)
39
38
3
C130
F18
18
LG/BK
K31
18
BR/WT
A14
16
RD/WT
2
C1
19
C3
22
C1
FUSED IGNITION SWITCH OUTPUT (RUN-START)
FUEL PUMP RELAY CONTROL
FUSED B(+)
POWERTRAIN CONTROL MODULE

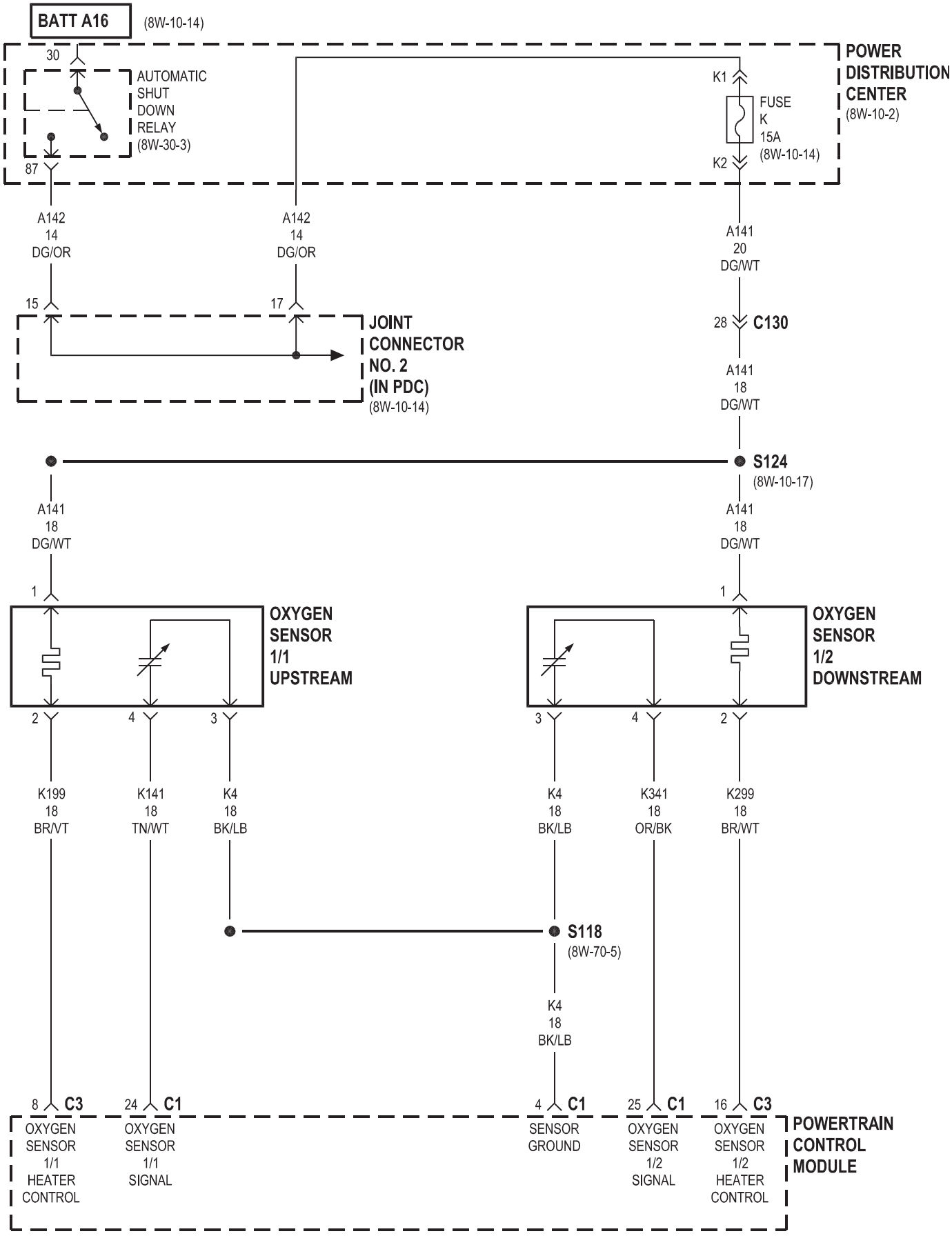

FROM
FUEL
PUMP
RELAY
(IN PDC)
(8W-30-11)
A
A61
16
DG/BK
14
C129
A61
16
DG/BK
4
FUEL
PUMP
MODULE
M
2
3
1
K4
20
BK/LB
K226
20
DB/WT
Z13
16
BK
5
6
C129
S331
(8W-15-7)
K4
20
BK/LB
K226
20
DB/WT
Z13
12
BK
17
JOINT
CONNECTOR
NO. 1
(IN PDC)
(8W-70-3)
16
K4
22
BK/LB
18
42
C130
3
C129
K4
20
BK/LB
S121
(8W-70-6)
K4
18
BK/LB
K226
18
DB/WT
Z13
12
BK
S118
(8W-70-5)
(8W-70-6)
K4
18
BK/LB
4
C1
26
C3
SENSOR
GROUND
FUEL
LEVEL
SENSOR
SIGNAL
POWERTRAIN
CONTROL
MODULE
G100
(8W-15-7)

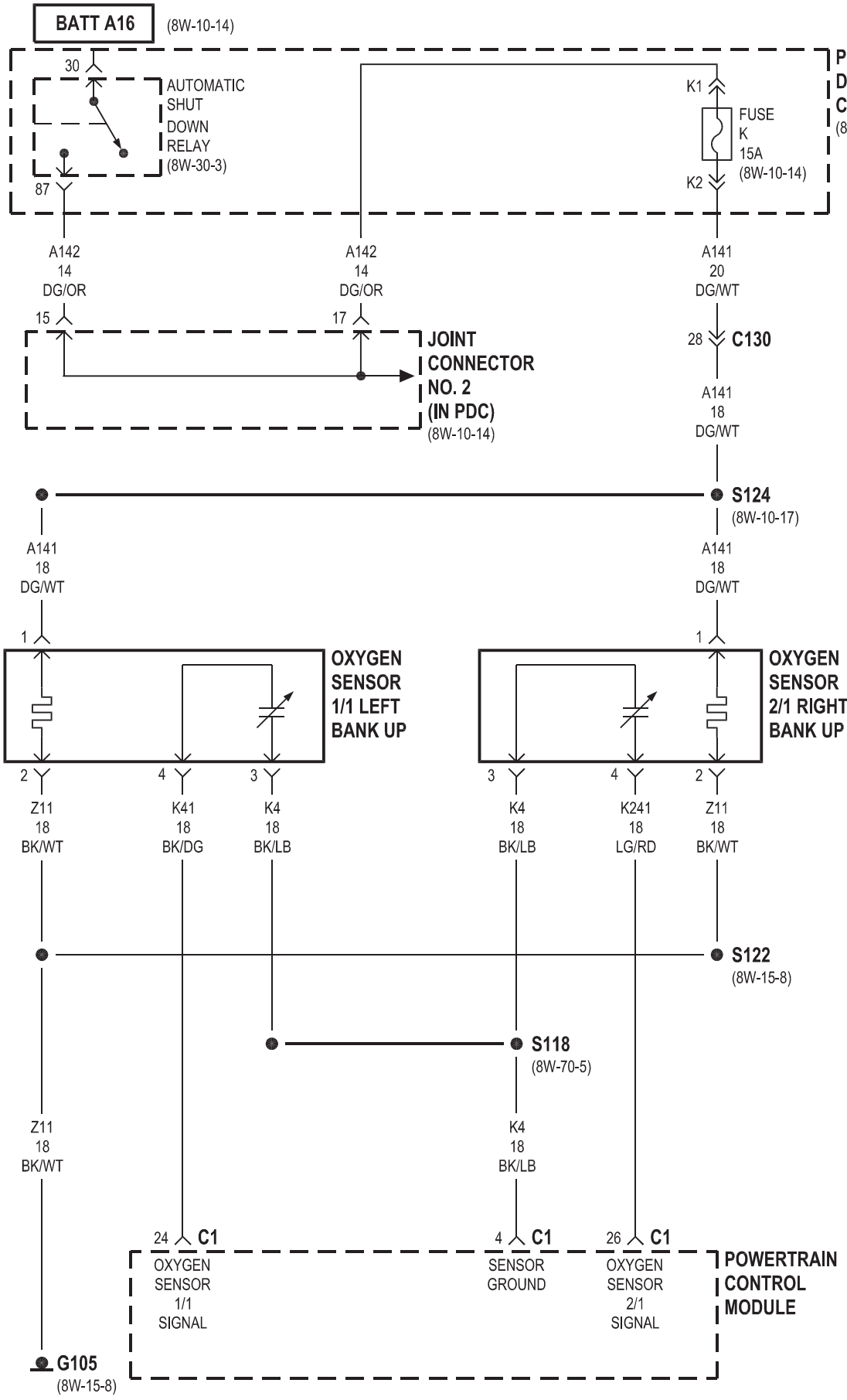

RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
(8W-12-13)
17
6 C4
F12 22 DB/WT
65 C134
F12 20 DB/WT
S105 (IN PDC)
(8W-12-13)
2
EVAP/ PURGE SOLENOID
1
27 C130
K52 18 PK/WT
20 C3
EVAPORATIVE EMISSION SOLENOID CONTROL
CONTROLLER ANTILOCK BRAKE
(8W-34-3)
(8W-35-4)
VEHICLE SPEED SENSOR SIGNAL
12 C1
G7 20 WT/OR
33 C130
G7 18 WT/OR
27 C2
VEHICLE SPEED SENSOR SIGNAL
CRANKSHAFT POSITION SENSOR
3
1
2
K6 20 VT/WT
S119
(8W-70-2)
K6 18 VT/WT
17 C1
5V SUPPLY
K24 18 GY/BK
8 C1
CRANKSHAFT POSITION SENSOR SIGNAL
K4 20 BK/LB
S118
(8W-70-5)
(8W-70-6)
K4 18 BK/LB
4 C1
SENSOR GROUND
POWERTRAIN CONTROL MODULE
PARK/NEUTRAL POSITION SWITCH SENSE
6 C1
T41 18 BK/WT
S127
(8W-21-3)
T41 18 BK/WT
2
PARK/ NEUTRAL POSITION SWITCH
GENERATOR FIELD
10 C2
K20 18 DG
1
GENERATOR SOURCE
25 C3
T125 18 DB
8.0L M/T
OTHER
S116
(8W-31-2)
T125 18 DB
2
(-)
(+)
GENERATOR
(8W-20-2)
SENSOR GROUND
4 C1
K4 18 BK/LB
S118
(8W-70-5)
(8W-70-6)
K4 18 BK/LB
S121
(8W-70-4)
(8W-70-6)
ENGINE OIL PRESSURE SENSOR SIGNAL
23 C2
G60 18 GY/OR
2
ENGINE OIL PRESSURE SENSOR
1
K4 20 BK/LB

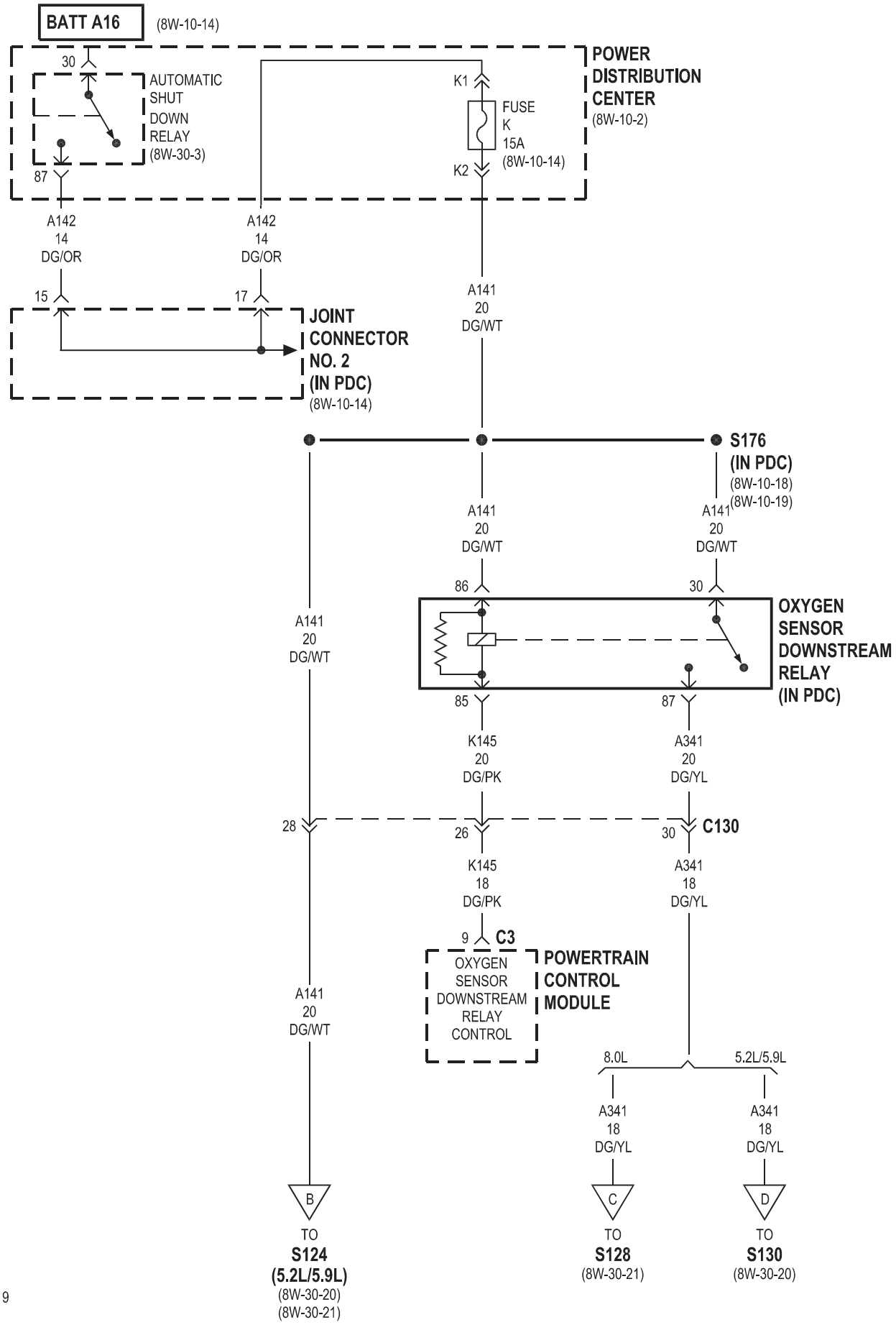

A/C-HEATER CONTROL
(8W-42-4)
A/C SELECT INPUT
6
C90 22 LG/WT
50 C134
C90 22 LG/WT
19 C130
C90 18 LG/WT
S120
(8W-42-3)
C90 18 LG/WT
1
A/C HIGH PRESSURE SWITCH
(8W-42-3)
2
C90 18 LG/WT
C22 18 DB
2
A/C LOW PRESSURE SWITCH
(8W-42-3)
1
C20 18 BR
23 C3
A/C SELECT INPUT
22 C3
A/C SWITCH SENSE
86
A/C COMPRESSOR CLUTCH RELAY (IN PDC)
(8W-42-5)
85
C13 22 DB/OR
15 C130
C13 18 DB/OR
1 C3
A/C COMPRESSOR CLUTCH RELAY CONTROL
POWERTRAIN CONTROL MODULE
PTO SWITCH SENSE
13 C1
G113 18 OR
PTO SWITCH SENSE
PTO SWITCH (5.2L/ 5.9L)
5V SUPPLY
17 C1
K6 18 VT/WT
S119
(8W-70-2)
K6 20 VT/WT
1
THROTTLE POSITION SENSOR
3
2
K4 20 BK/LB
S118
(8W-70-5)
(8W-70-6)
K4 18 BK/LB
4 C1
SENSOR GROUND
K22 18 OR/DB
23 C1
THROTTLE POSITION SENSOR SIGNAL
5V SUPPLY
31 C2
K7 18 OR
2
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
3
4
T25 18 LG/WT
29 C2
GOVERNOR PRESSURE SENSOR SIGNAL
POWERTRAIN CONTROL MODULE


AIRBAG CONTROL MODULE
(8W-43-3)
CCD BUS (-)
CCD BUS (+)
22
21
TWISTED PAIR
RADIO
(8W-47-2)
2 C3
1 C3
OVERHEAD CONSOLE (HIGHLINE)
(8W-49-4)
8
2
4
3 C358
D2 18 WT/BK
D1 18 VT/BR
D2 20 WT/BK
D1 20 VT/BR
D1 20 VT/BR
JOINT CONNECTOR NO. 7
4
1
17
20
3
8
16
13
9
6
14
11
5
2
10
7
15
12
DATA LINK CONNECTOR
(8W-18-2)
11
3
C134
32
33
C130
17
13
28 C3
30 C3
POWERTRAIN CONTROL MODULE
10 C1
3 C1
CONTROLLER ANTILOCK BRAKE
(8W-34-2)
(8W-35-3)
INSTRUMENT CLUSTER
(8W-40-6)
16 C2
17 C2
CENTRAL TIMER MODULE
(8W-45-2)

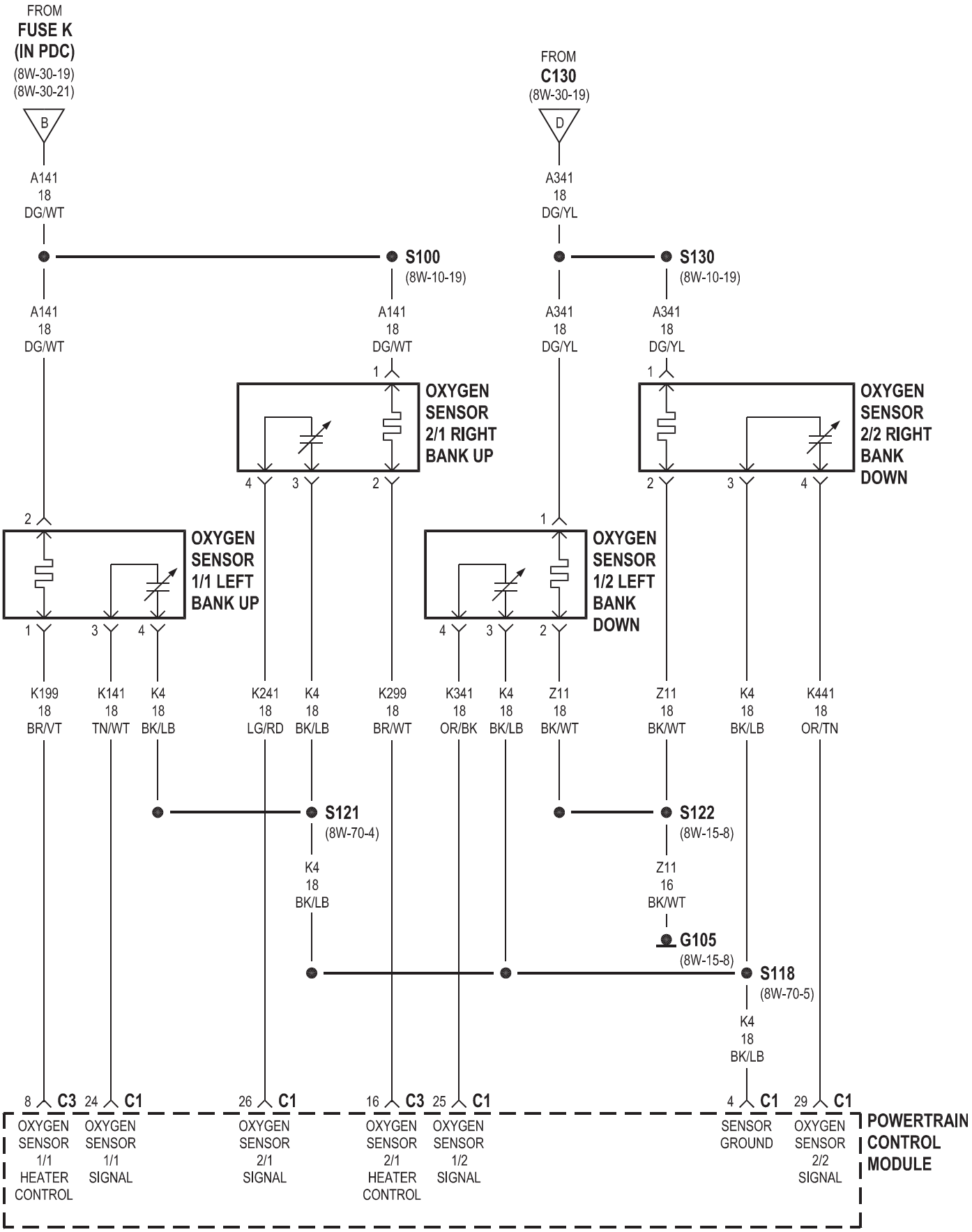

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
(8W-12-14)
19
9
C7
M1 22 PK
3
JOINT CONNECTOR NO. 5
(8W-12-14)
1
M1 20 PK
16
7
D21 20 PK/DB
69
D21 20 PK/DB
20
D21 18 PK/DB
27
C3
SCI TRANSMIT
6
D20 20 DG
72
D20 20 DG
16
D20 18 DG
29
C3
SCI RECEIVE
5
Z12 18 BK/TN
70
C134
Z12 18 BK/TN
24
C130
Z12 18 BK/TN
S126
(8W-15-8)
Z12 14 BK/TN
31
C1
GROUND
Z12 14 BK/TN
32
C1
GROUND
Z12 10 BK/TN
G105
(8W-15-8)
4
DATA LINK CONNECTOR
(8W-18-2)
Z2 20 BK/LG
G200
(8W-15-12)
POWERTRAIN CONTROL MODULE

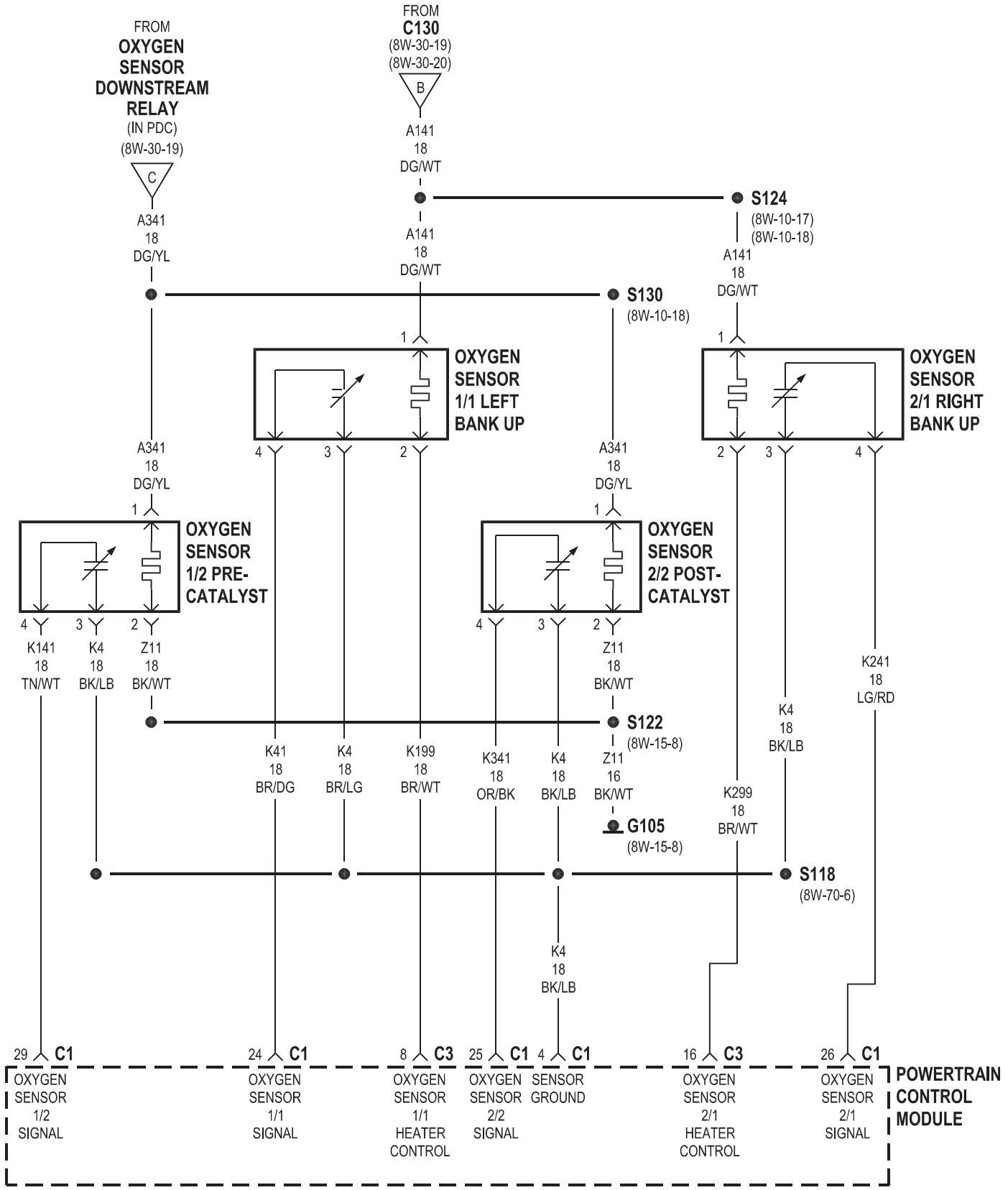

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY (8W-30-3)
87
K1
FUSE K 15A (8W-10-14)
K2
POWER DISTRIBUTION CENTER (8W-10-2)
A142 14 DG/OR
A142 14 DG/OR
A141 20 DG/WT
15
17
28 C130
JOINT CONNECTOR NO. 2 (IN PDC) (8W-10-14)
A141 18 DG/WT
S124 (8W-10-17)
A141 18 DG/WT
A141 18 DG/WT
1
1
OXYGEN SENSOR 1/1 UPSTREAM
OXYGEN SENSOR 1/2 DOWNSTREAM
2
4
3
3
4
2
K199 18 BR/VT
K141 18 TN/WT
K4 18 BK/LB
K4 18 BK/LB
K341 18 OR/BK
K299 18 BR/WT
S118 (8W-70-5)
K4 18 BK/LB
8 C3
24 C1
4 C1
25 C1
16 C3
OXYGEN SENSOR 1/1 HEATER CONTROL
OXYGEN SENSOR 1/1 SIGNAL
SENSOR GROUND
OXYGEN SENSOR 1/2 SIGNAL
OXYGEN SENSOR 1/2 HEATER CONTROL
POWERTRAIN CONTROL MODULE

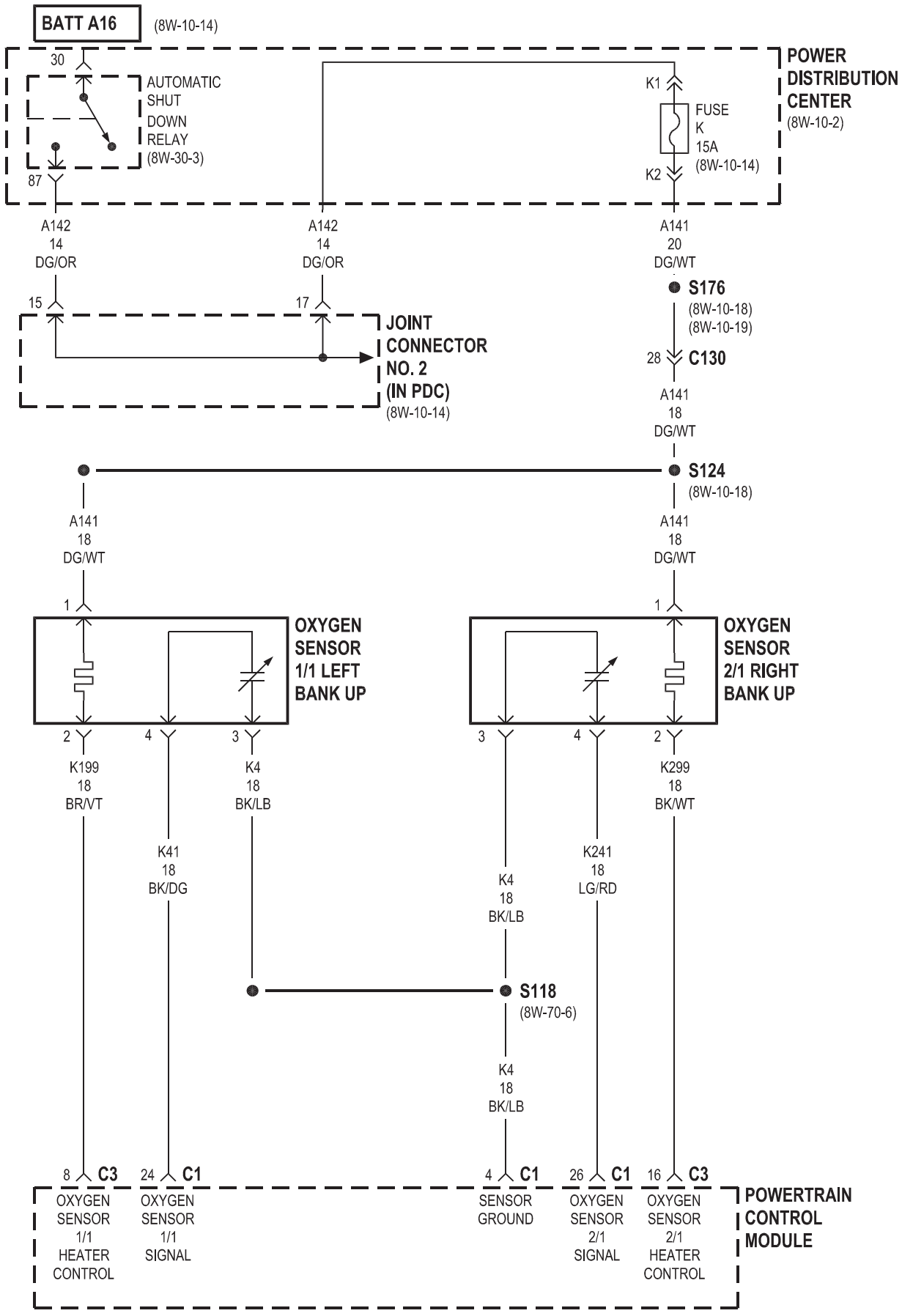

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY (8W-30-3)
87
K1
FUSE K 15A (8W-10-14)
K2
POWER DISTRIBUTION CENTER (8W-10-2)
A142 14 DG/OR
A142 14 DG/OR
A141 20 DG/WT
15
17
28 C130
JOINT CONNECTOR NO. 2 (IN PDC) (8W-10-14)
A141 18 DG/WT
S124 (8W-10-17)
A141 18 DG/WT
A141 18 DG/WT
1
1
OXYGEN SENSOR 1/1 LEFT BANK UP
OXYGEN SENSOR 2/1 RIGHT BANK UP
2
4
3
3
4
2
Z11 18 BK/WT
K41 18 BK/DG
K4 18 BK/LB
K4 18 BK/LB
K241 18 LG/RD
Z11 18 BK/WT
S122 (8W-15-8)
S118 (8W-70-5)
Z11 18 BK/WT
K4 18 BK/LB
24 C1
4 C1
26 C1
OXYGEN SENSOR 1/1 SIGNAL
SENSOR GROUND
OXYGEN SENSOR 2/1 SIGNAL
POWERTRAIN CONTROL MODULE
G105 (8W-15-8)

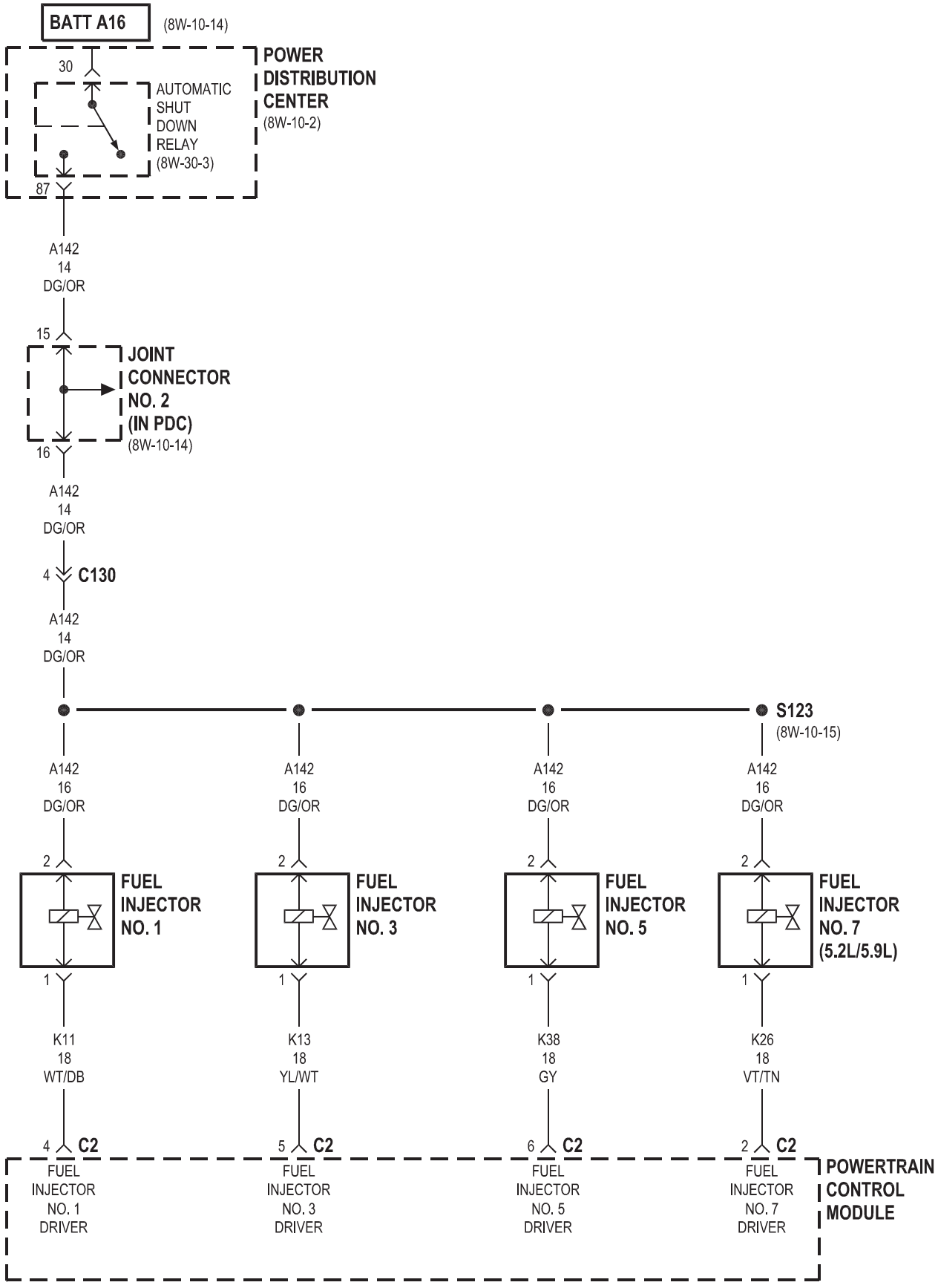

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY (8W-30-3)
87
POWER DISTRIBUTION CENTER (8W-10-2)
K1
FUSE K 15A (8W-10-14)
K2
A142 14 DG/OR
A142 14 DG/OR
15
17
JOINT CONNECTOR NO. 2 (IN PDC) (8W-10-14)
A141 20 DG/WT
S176 (IN PDC) (8W-10-18) (8W-10-19)
A141 20 DG/WT
A141 20 DG/WT
86
30
OXYGEN SENSOR DOWNSTREAM RELAY (IN PDC)
85
87
A141 20 DG/WT
K145 20 DG/PK
A341 20 DG/YL
28
26
30
C130
K145 18 DG/PK
A341 18 DG/YL
9
C3
OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
POWERTRAIN CONTROL MODULE
A141 20 DG/WT
8.0L
5.2L/5.9L
A341 18 DG/YL
A341 18 DG/YL
B
C
D
TO S124 (5.2L/5.9L) (8W-30-20) (8W-30-21)
TO S128 (8W-30-21)
TO S130 (8W-30-20)

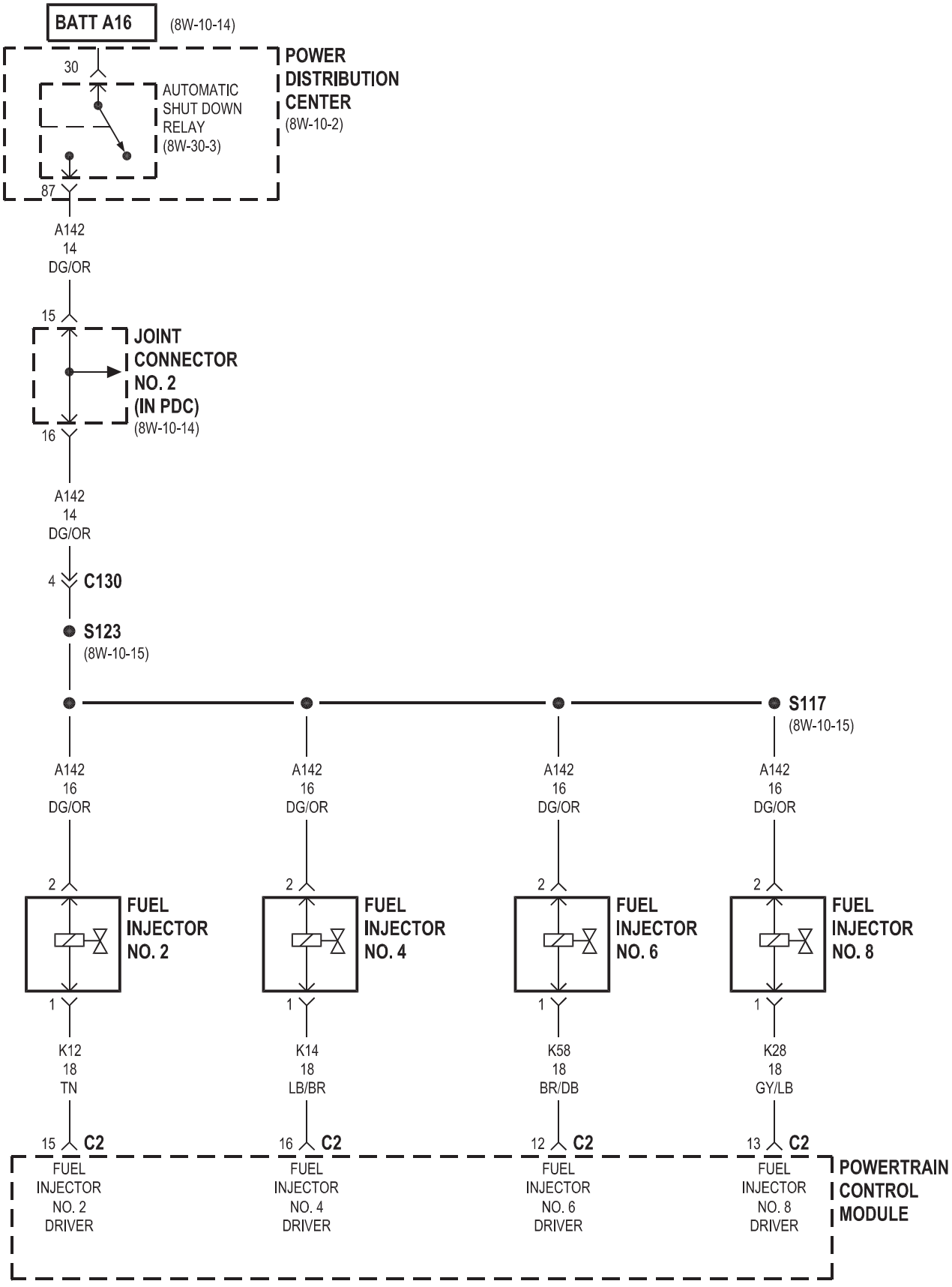
5.9L/8.0L A/T CALIFORNIA

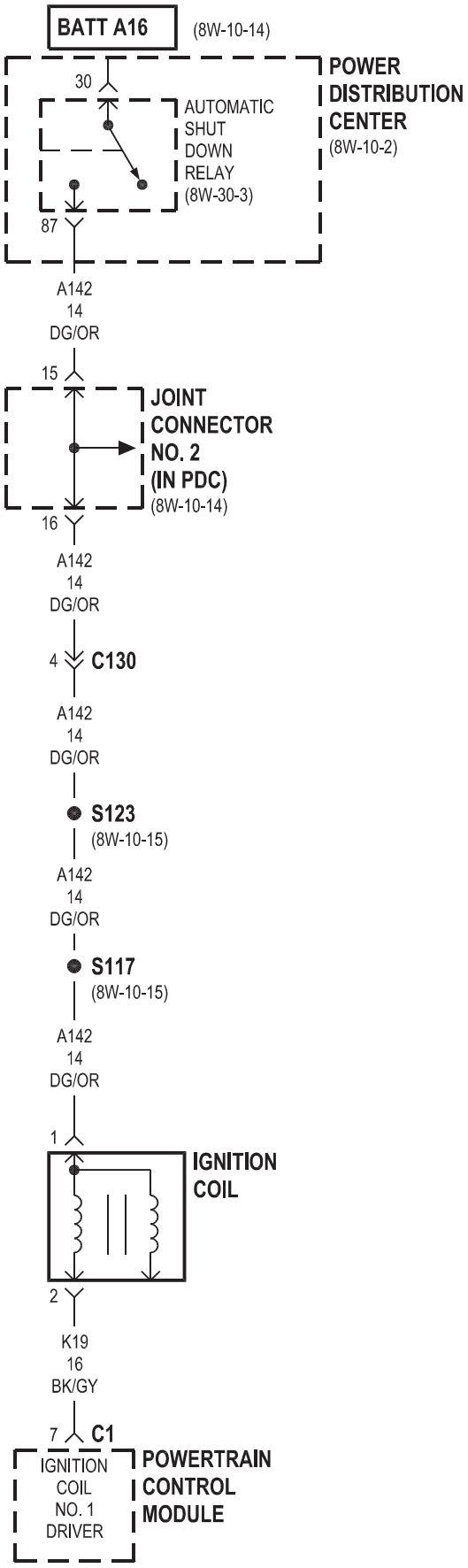


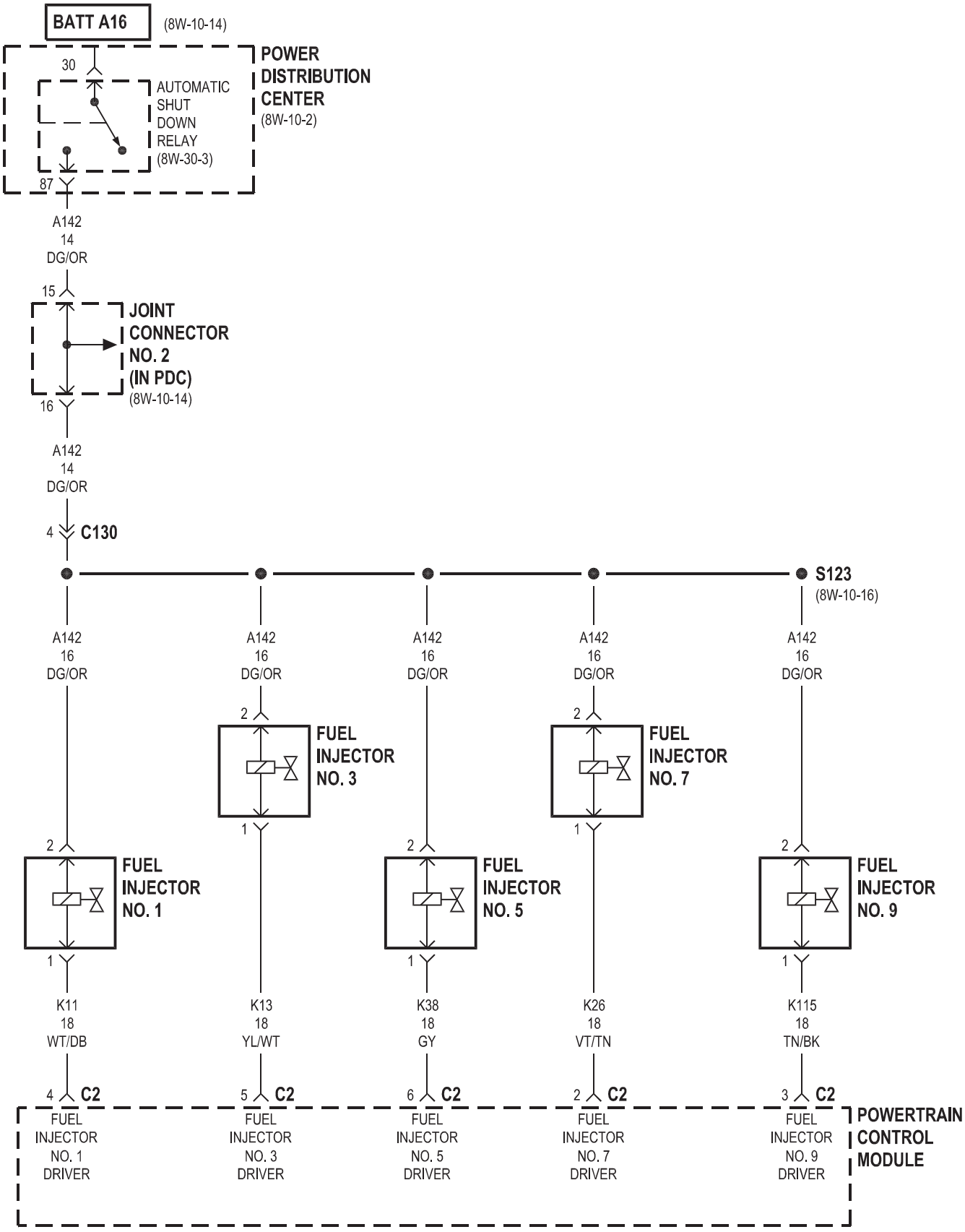

FROM
OXYGEN
SENSOR
DOWNSTREAM
RELAY
(IN PDC)
(8W-30-19)
C
A341
18
DG/YL
FROM
C130
(8W-30-19)
(8W-30-20)
B
A141
18
DG/WT
S124
(8W-10-17)
(8W-10-18)
A141
18
DG/WT
S130
(8W-10-18)
1
OXYGEN
SENSOR
1/1 LEFT
BANK UP
4
3
2
1
OXYGEN
SENSOR
2/1 RIGHT
BANK UP
2
3
4
A341
18
DG/YL
1
OXYGEN
SENSOR
1/2 PRE-
CATALYST
4
3
2
K141
18
TN/WT
K4
18
BK/LB
Z11
18
BK/WT
A341
18
DG/YL
1
OXYGEN
SENSOR
2/2 POST-
CATALYST
4
3
2
Z11
18
BK/WT
S122
(8W-15-8)
K241
18
LG/RD
K4
18
BK/LB
K41
18
BR/DG
K4
18
BR/LG
K199
18
BR/WT
K341
18
OR/BK
K4
18
BK/LB
Z11
16
BK/WT
G105
(8W-15-8)
K299
18
BR/WT
S118
(8W-70-6)
K4
18
BK/LB
29 C1
24 C1
8 C3
25 C1
4 C1
16 C3
26 C1
OXYGEN
SENSOR
1/2
SIGNAL
OXYGEN
SENSOR
1/1
SIGNAL
OXYGEN
SENSOR
1/1
HEATER
CONTROL
OXYGEN
SENSOR
2/2
SIGNAL
SENSOR
GROUND
OXYGEN
SENSOR
2/1
HEATER
CONTROL
OXYGEN
SENSOR
2/1
SIGNAL
POWERTRAIN
CONTROL
MODULE

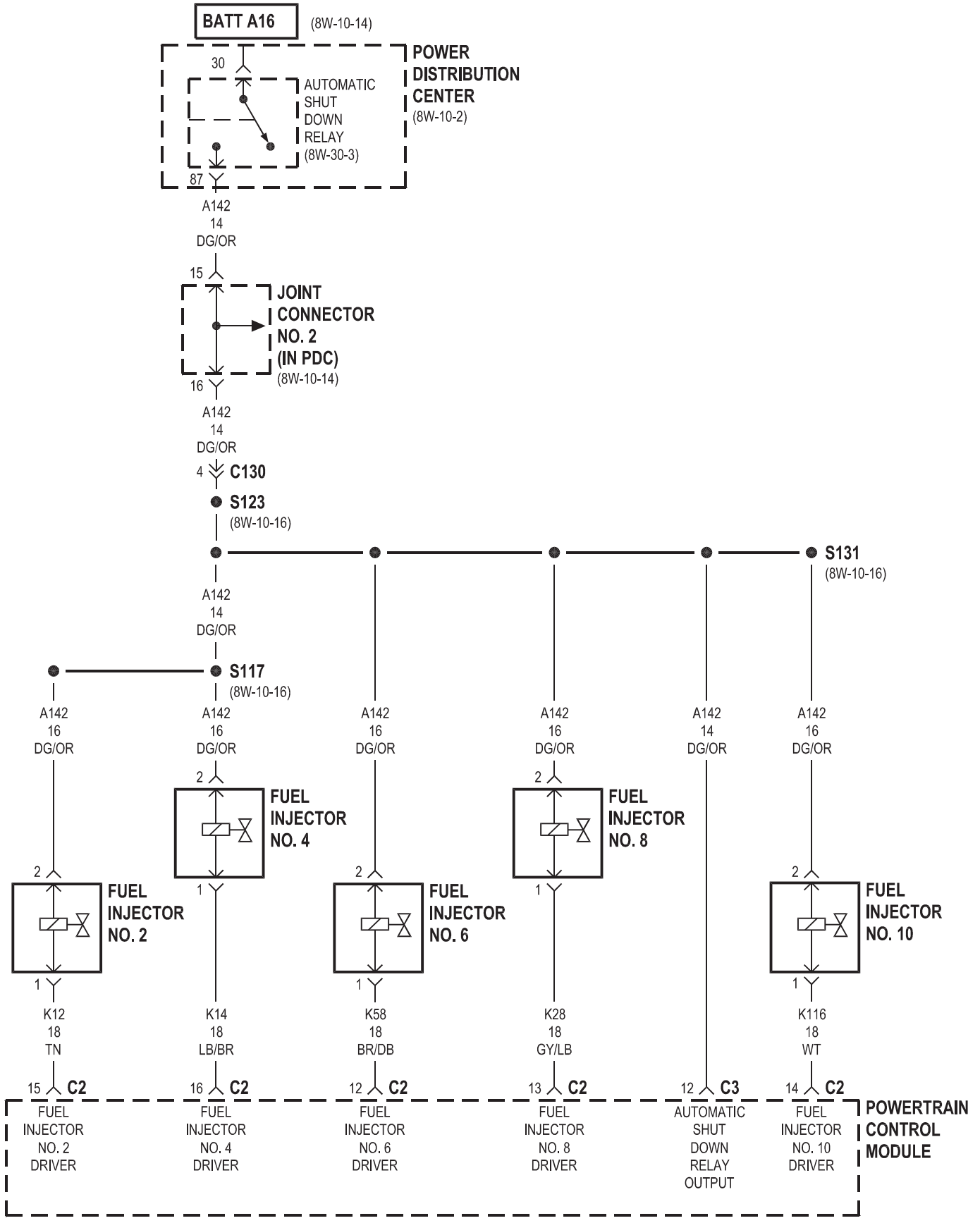

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY (8W-30-3)
87
K1
FUSE K 15A (8W-10-14)
K2
POWER DISTRIBUTION CENTER (8W-10-2)
A142 14 DG/OR
A142 14 DG/OR
A141 20 DG/WT
15
17
JOINT CONNECTOR NO. 2 (IN PDC) (8W-10-14)
S176 (8W-10-18) (8W-10-19)
28
C130
A141 18 DG/WT
S124 (8W-10-18)
A141 18 DG/WT
A141 18 DG/WT
1
1
OXYGEN SENSOR 1/1 LEFT BANK UP
OXYGEN SENSOR 2/1 RIGHT BANK UP
2
4
3
3
4
2
K199 18 BR/VT
K41 18 BK/DG
K4 18 BK/LB
K4 18 BK/LB
K241 18 LG/RD
K299 18 BK/WT
S118 (8W-70-6)
K4 18 BK/LB
8 C3
24 C1
4 C1
26 C1
16 C3
OXYGEN SENSOR 1/1 HEATER CONTROL
OXYGEN SENSOR 1/1 SIGNAL
SENSOR GROUND
OXYGEN SENSOR 2/1 SIGNAL
OXYGEN SENSOR 2/1 HEATER CONTROL
POWERTRAIN CONTROL MODULE

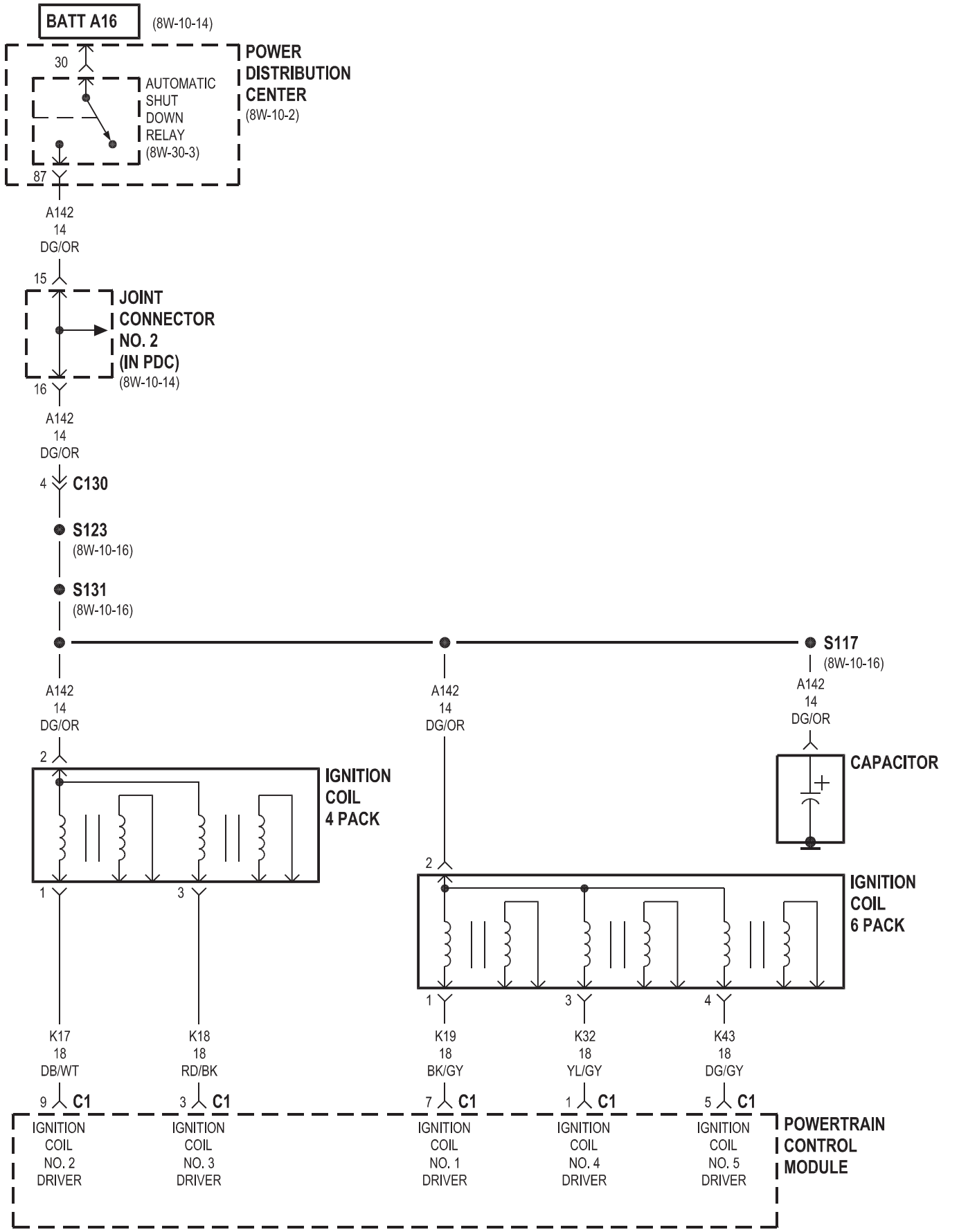

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY
(8W-30-3)
POWER DISTRIBUTION CENTER
(8W-10-2)
87
A142
14
DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-14)
16
A142
14
DG/OR
4
C130
A142
14
DG/OR
S123
(8W-10-15)
A142
16
DG/OR
2
FUEL INJECTOR NO. 1
FUEL INJECTOR NO. 3
FUEL INJECTOR NO. 5
FUEL INJECTOR NO. 7 (5.2L/5.9L)
1
K11
18
WT/DB
K13
18
YL/WT
K38
18
GY
K26
18
VT/TN
4
C2
5
C2
6
C2
2
C2
FUEL INJECTOR NO. 1 DRIVER
FUEL INJECTOR NO. 3 DRIVER
FUEL INJECTOR NO. 5 DRIVER
FUEL INJECTOR NO. 7 DRIVER
POWERTRAIN CONTROL MODULE

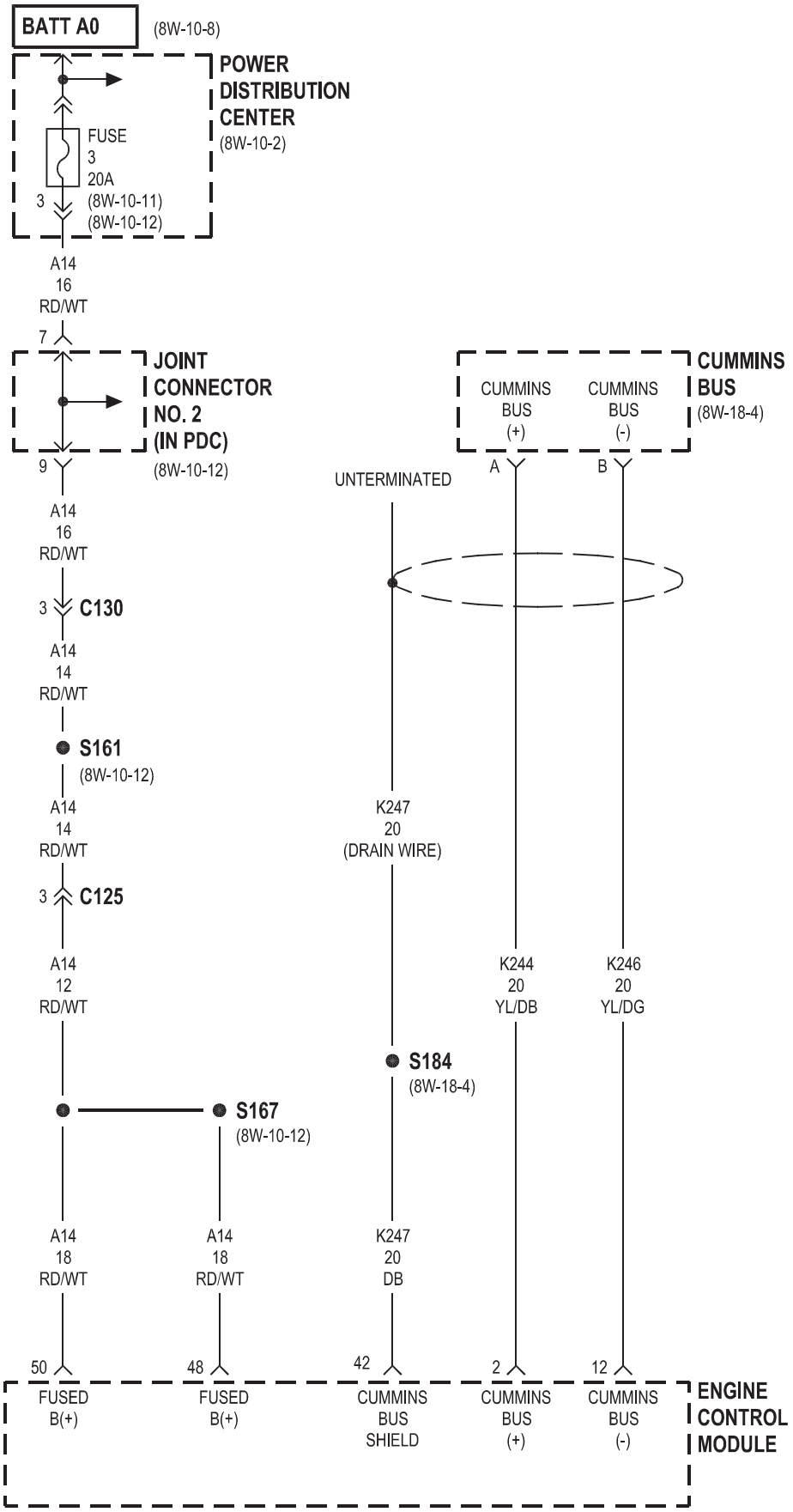

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY (8W-30-3)
POWER DISTRIBUTION CENTER (8W-10-2)
87
A142 14 DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC) (8W-10-14)
16
A142 14 DG/OR
4 C130
S123 (8W-10-15)
S117 (8W-10-15)
A142 16 DG/OR
2
FUEL INJECTOR NO. 2
FUEL INJECTOR NO. 4
FUEL INJECTOR NO. 6
FUEL INJECTOR NO. 8
1
K12 18 TN
K14 18 LB/BR
K58 18 BR/DB
K28 18 GY/LB
15 C2
16 C2
12 C2
13 C2
FUEL INJECTOR NO. 2 DRIVER
FUEL INJECTOR NO. 4 DRIVER
FUEL INJECTOR NO. 6 DRIVER
FUEL INJECTOR NO. 8 DRIVER
POWERTRAIN CONTROL MODULE

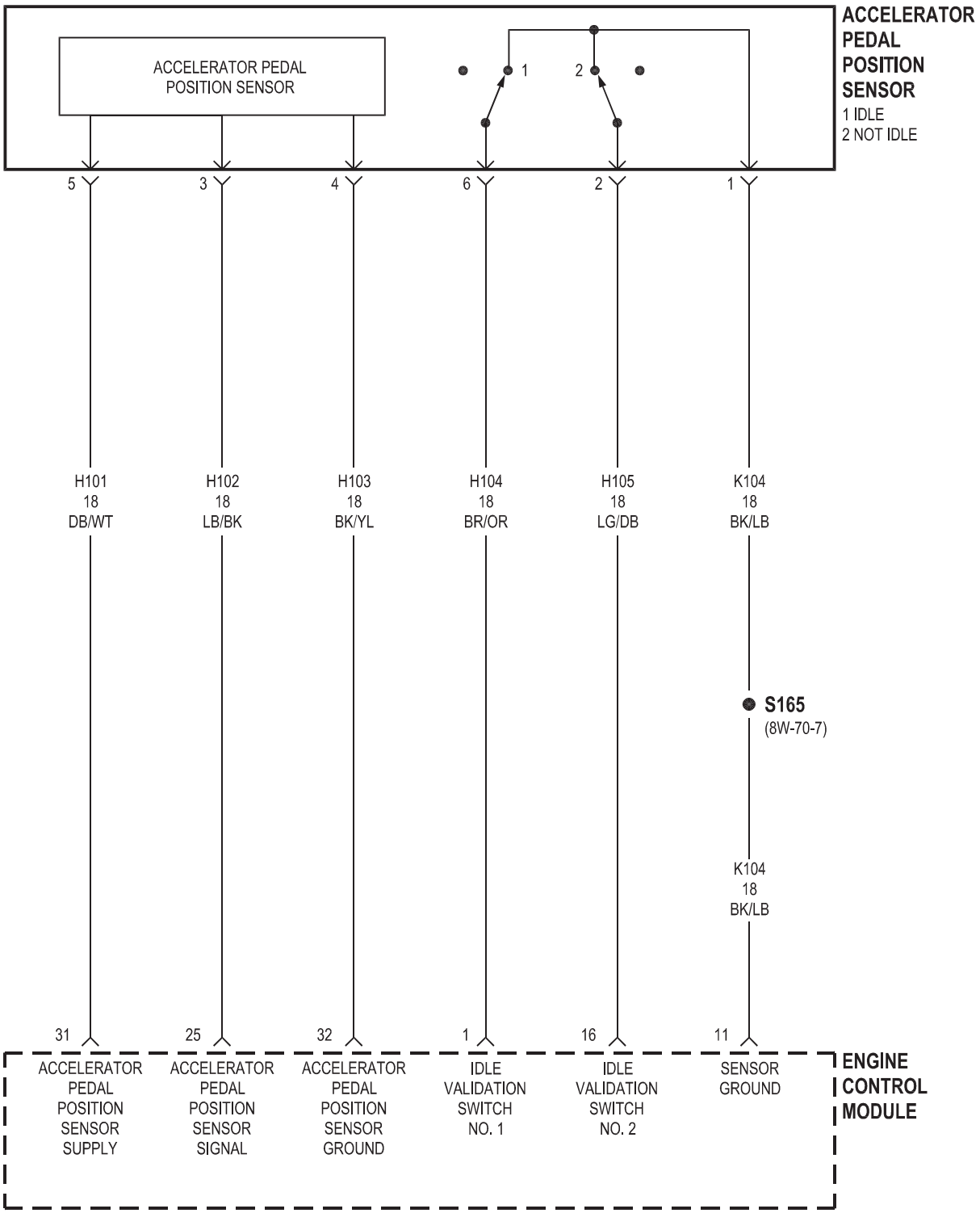

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY
(8W-30-3)
87
POWER DISTRIBUTION CENTER
(8W-10-2)
A142
14
DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-14)
16
A142
14
DG/OR
4
C130
A142
14
DG/OR
S123
(8W-10-15)
A142
14
DG/OR
S117
(8W-10-15)
A142
14
DG/OR
1
IGNITION COIL
2
K19
16
BK/GY
7
C1
IGNITION COIL NO. 1 DRIVER
POWERTRAIN CONTROL MODULE

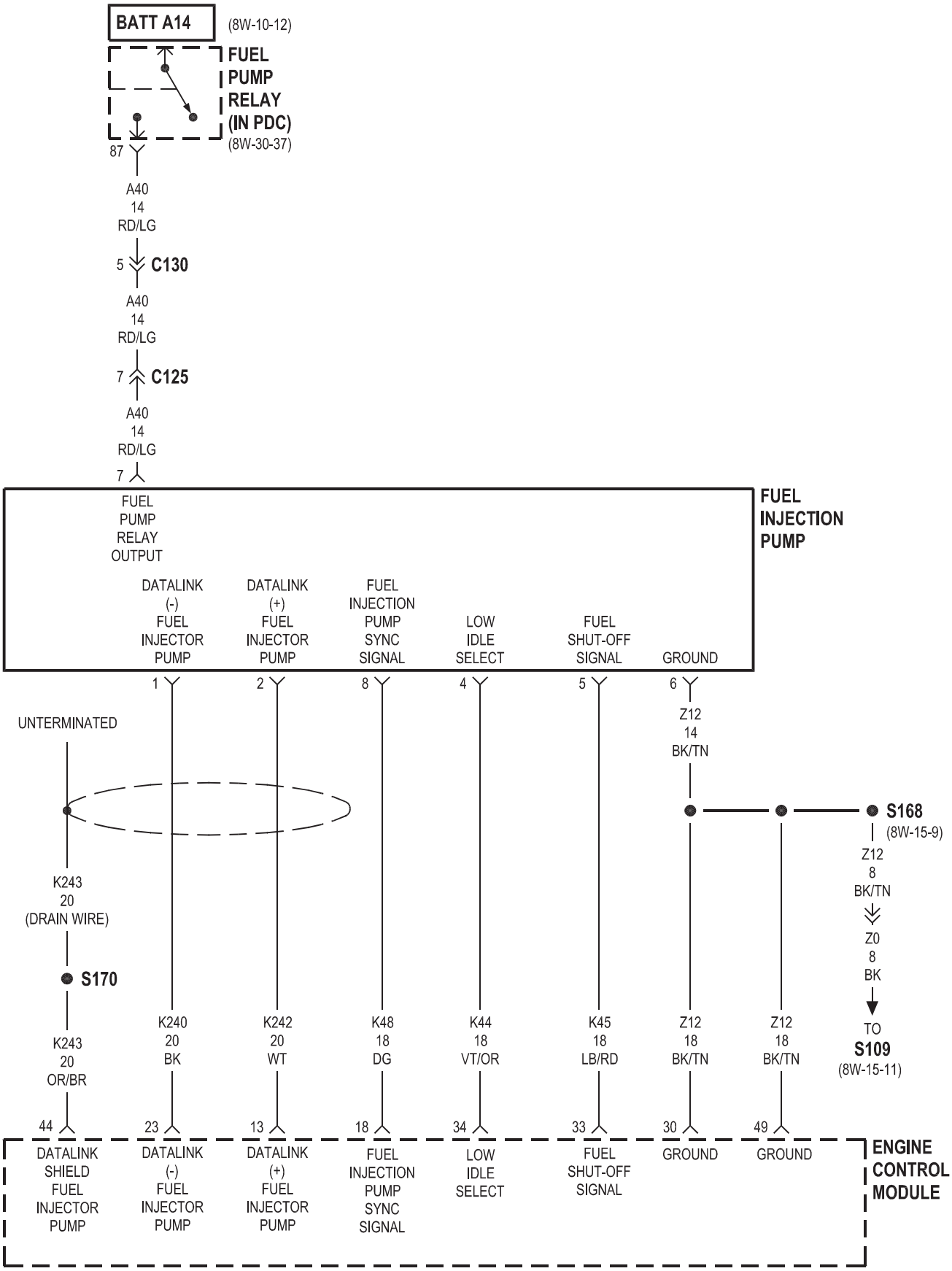

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY
(8W-30-3)
POWER DISTRIBUTION CENTER
(8W-10-2)
87
A142
14
DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-14)
16
A142
14
DG/OR
4
C130
S123
(8W-10-16)
A142
16
DG/OR
2
FUEL INJECTOR NO. 1
1
K11
18
WT/DB
4
C2
FUEL INJECTOR NO. 1 DRIVER
FUEL INJECTOR NO. 3
K13
18
YL/WT
5
C2
FUEL INJECTOR NO. 3 DRIVER
FUEL INJECTOR NO. 5
K38
18
GY
6
C2
FUEL INJECTOR NO. 5 DRIVER
FUEL INJECTOR NO. 7
K26
18
VT/TN
2
C2
FUEL INJECTOR NO. 7 DRIVER
FUEL INJECTOR NO. 9
K115
18
TN/BK
3
C2
FUEL INJECTOR NO. 9 DRIVER
POWERTRAIN CONTROL MODULE

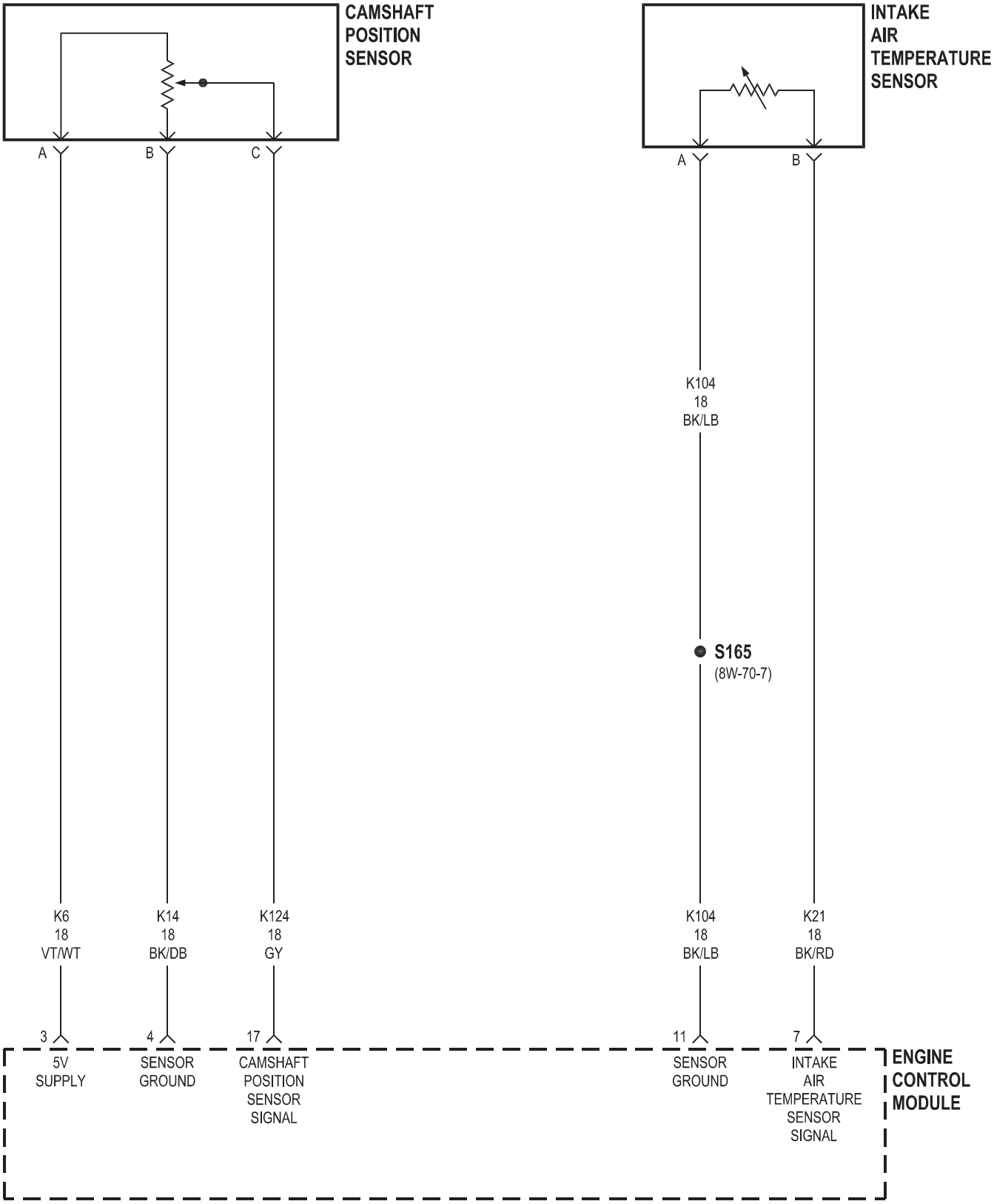

BATT A16
(8W-10-14)
30
AUTOMATIC SHUT DOWN RELAY
(8W-30-3)
POWER DISTRIBUTION CENTER
(8W-10-2)
87
A142
14
DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-14)
16
A142
14
DG/OR
4
C130
S123
(8W-10-16)
S131
(8W-10-16)
A142
14
DG/OR
S117
(8W-10-16)
A142
16
DG/OR
2
FUEL INJECTOR NO. 2
1
K12
18
TN
15
C2
FUEL INJECTOR NO. 2 DRIVER
FUEL INJECTOR NO. 4
K14
18
LB/BR
16
C2
FUEL INJECTOR NO. 4 DRIVER
FUEL INJECTOR NO. 6
K58
18
BR/DB
12
C2
FUEL INJECTOR NO. 6 DRIVER
FUEL INJECTOR NO. 8
K28
18
GY/LB
13
C2
FUEL INJECTOR NO. 8 DRIVER
14
C3
AUTOMATIC SHUT DOWN RELAY OUTPUT
FUEL INJECTOR NO. 10
K116
18
WT
14
C2
FUEL INJECTOR NO. 10 DRIVER
POWERTRAIN CONTROL MODULE

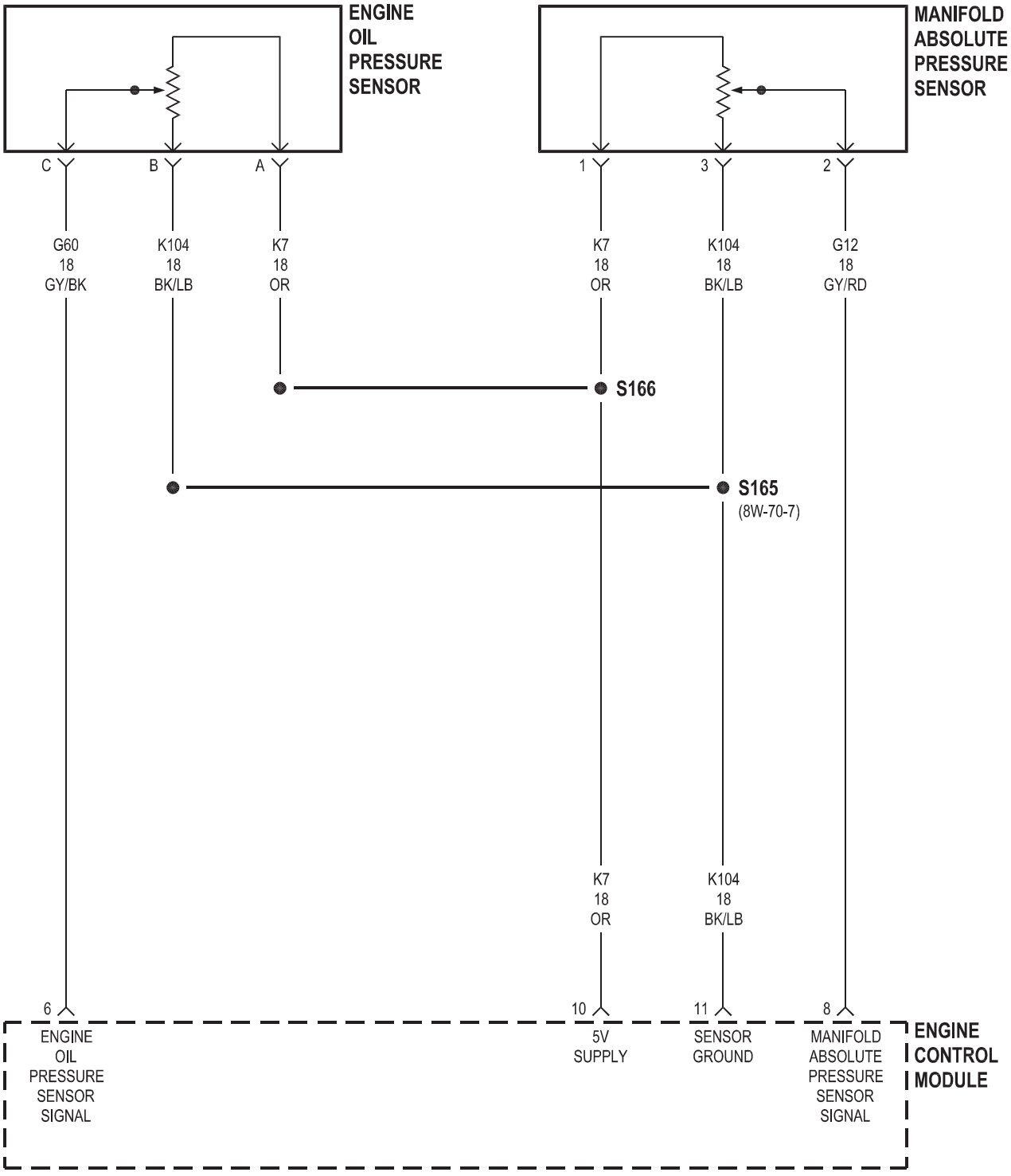

BATT A16
(8W-10-14)
30
POWER DISTRIBUTION CENTER
(8W-10-2)
AUTOMATIC SHUT DOWN RELAY
(8W-30-3)
87
A142
14
DG/OR
15
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-14)
16
A142
14
DG/OR
4
C130
S123
(8W-10-16)
S131
(8W-10-16)
S117
(8W-10-16)
A142
14
DG/OR
2
IGNITION COIL 4 PACK
1
3
A142
14
DG/OR
2
CAPACITOR
IGNITION COIL 6 PACK
1
3
4
K17
18
DB/WT
9
C1
K18
18
RD/BK
3
C1
K19
18
BK/GY
7
C1
K32
18
YL/GY
1
C1
K43
18
DG/GY
5
C1
IGNITION COIL NO. 2 DRIVER
IGNITION COIL NO. 3 DRIVER
IGNITION COIL NO. 1 DRIVER
IGNITION COIL NO. 4 DRIVER
IGNITION COIL NO. 5 DRIVER
POWERTRAIN CONTROL MODULE

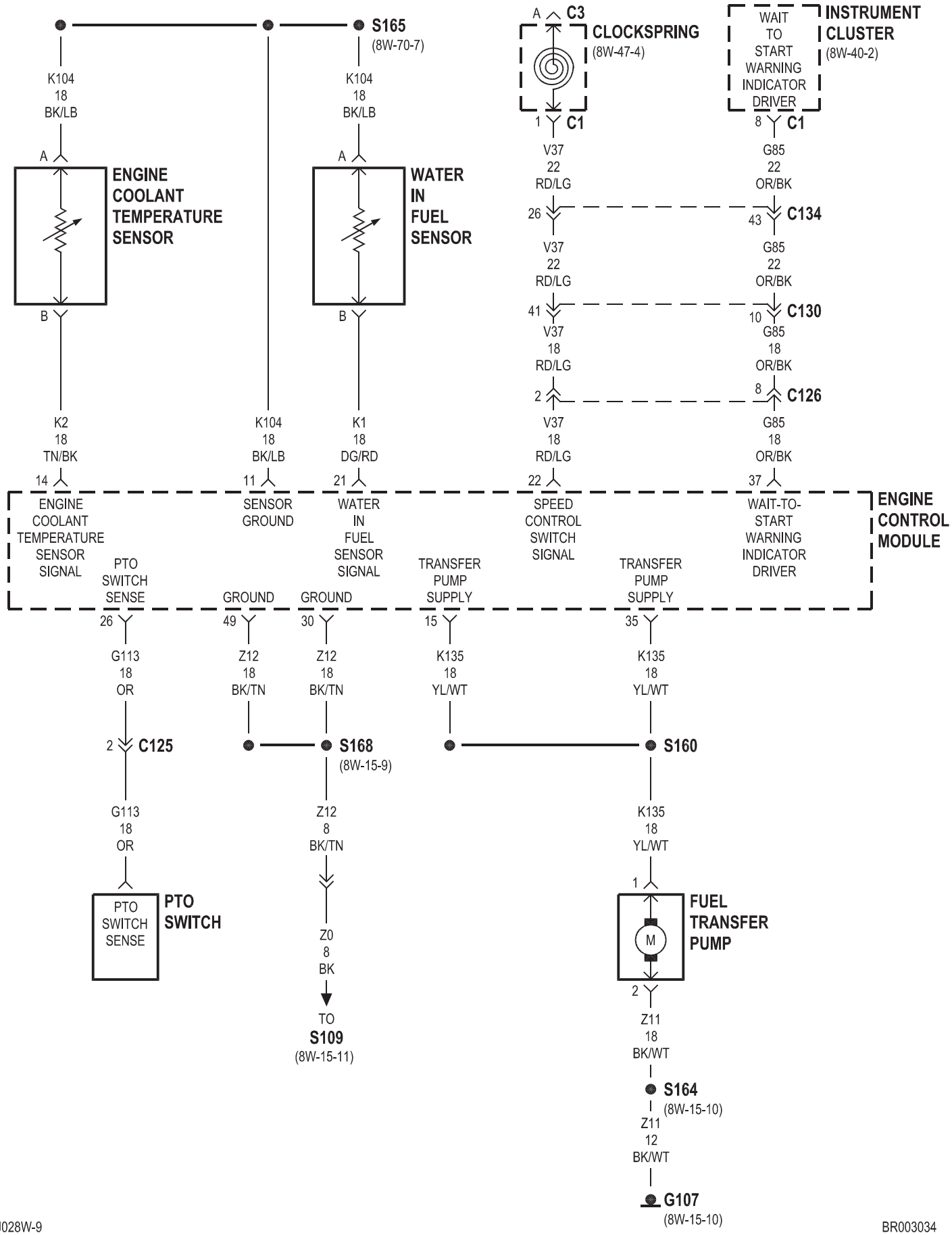

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
3
20A
3
(8W-10-11)
(8W-10-12)
A14
16
RD/WT
7
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-12)
9
A14
16
RD/WT
3
C130
A14
14
RD/WT
S161
(8W-10-12)
A14
14
RD/WT
3
C125
A14
12
RD/WT
S167
(8W-10-12)
A14
18
RD/WT
A14
18
RD/WT
50
48
FUSED B(+)
FUSED B(+)
CUMMINS BUS (+)
CUMMINS BUS (-)
CUMMINS BUS
(8W-18-4)
A
B
UNTERMINATED
K247
20
(DRAIN WIRE)
K244
20
YL/DB
K246
20
YL/DG
S184
(8W-18-4)
K247
20
DB
42
2
12
CUMMINS BUS SHIELD
CUMMINS BUS (+)
CUMMINS BUS (-)
ENGINE CONTROL MODULE

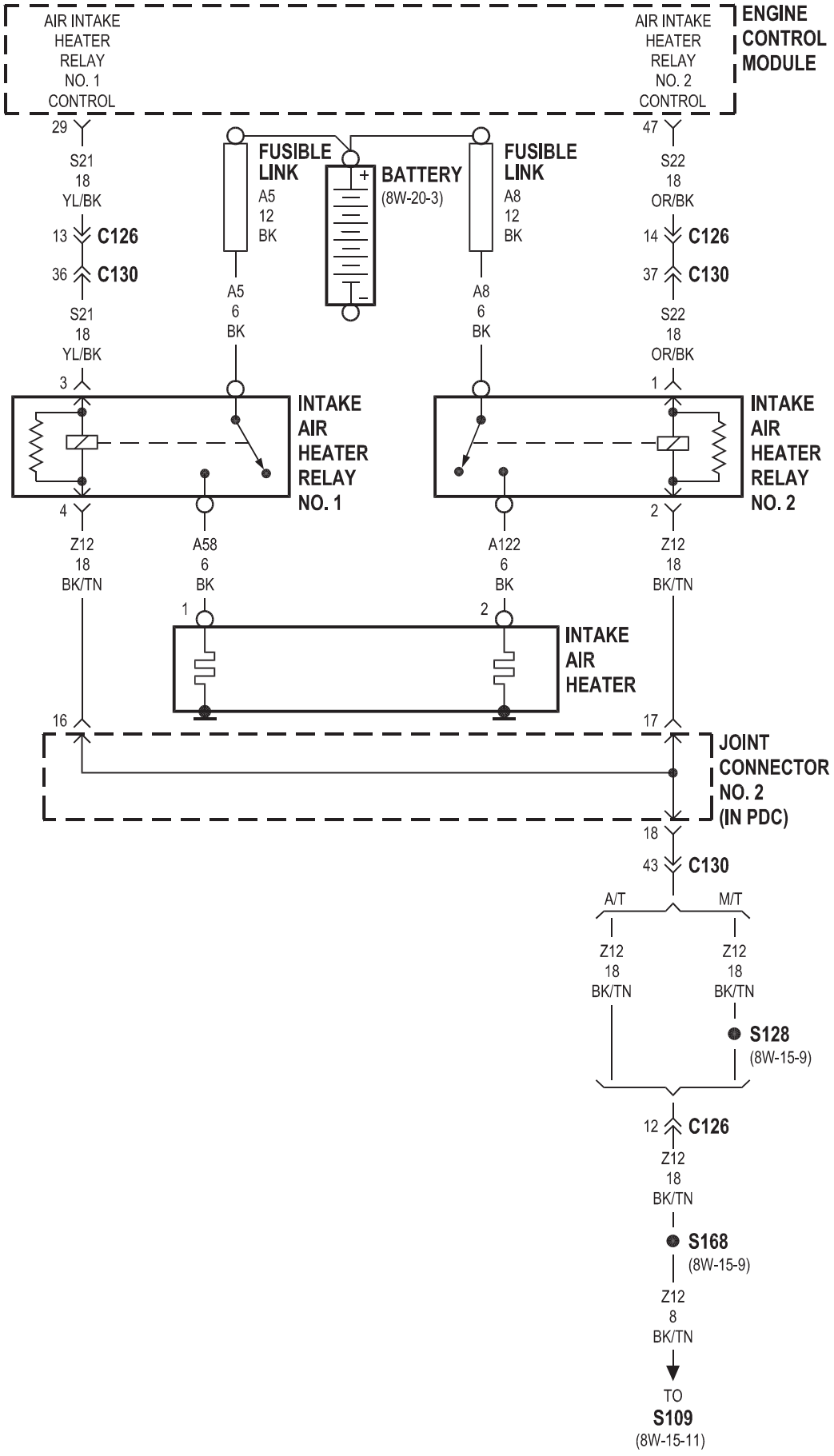

ACCELERATOR PEDAL POSITION SENSOR
1
2
ACCELERATOR PEDAL POSITION SENSOR
1 IDLE
2 NOT IDLE
5
3
4
6
2
1
H101
18
DB/WT
H102
18
LB/BK
H103
18
BK/YL
H104
18
BR/OR
H105
18
LG/DB
K104
18
BK/LB
S165
(8W-70-7)
K104
18
BK/LB
31
25
32
1
16
11
ACCELERATOR PEDAL POSITION SENSOR SUPPLY
ACCELERATOR PEDAL POSITION SENSOR SIGNAL
ACCELERATOR PEDAL POSITION SENSOR GROUND
IDLE VALIDATION SWITCH NO. 1
IDLE VALIDATION SWITCH NO. 2
SENSOR GROUND
ENGINE CONTROL MODULE

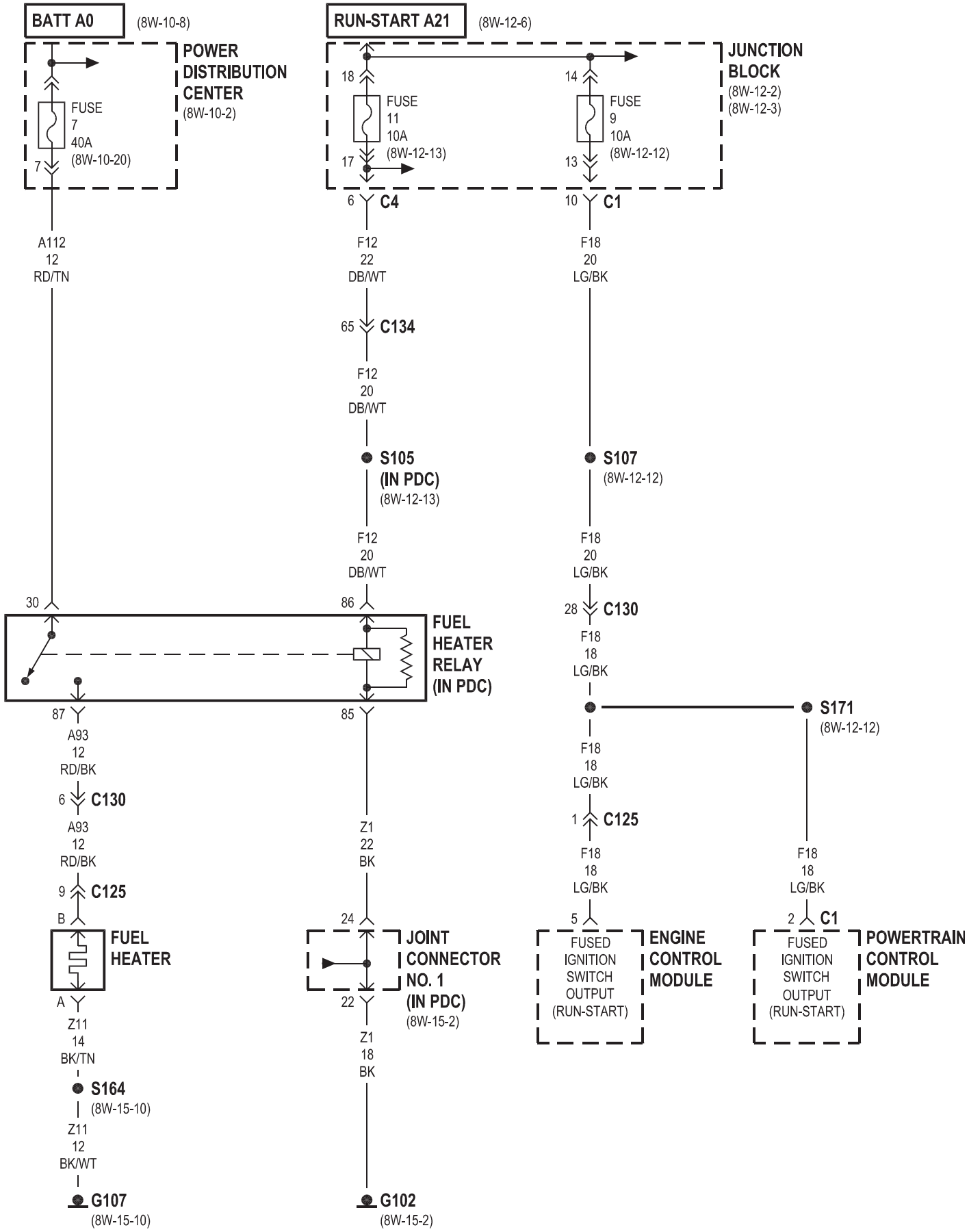

BATT A14
(8W-10-12)
FUEL PUMP RELAY (IN PDC)
(8W-30-37)
87
A40
14
RD/LG
5
C130
A40
14
RD/LG
7
C125
A40
14
RD/LG
7
FUEL PUMP RELAY OUTPUT
FUEL INJECTION PUMP
DATALINK (-) FUEL INJECTOR PUMP
DATALINK (+) FUEL INJECTOR PUMP
FUEL INJECTION PUMP SYNC SIGNAL
LOW IDLE SELECT
FUEL SHUT-OFF SIGNAL
GROUND
1
2
8
4
5
6
UNTERMINATED
Z12
14
BK/TN
S168
(8W-15-9)
Z12
8
BK/TN
Z0
8
BK
TO
S109
(8W-15-11)
K243
20
(DRAIN WIRE)
S170
K243
20
OR/BR
K240
20
BK
K242
20
WT
K48
18
DG
K44
18
VT/OR
K45
18
LB/RD
Z12
18
BK/TN
Z12
18
BK/TN
44
23
13
18
34
33
30
49
DATALINK SHIELD FUEL INJECTOR PUMP
DATALINK (-) FUEL INJECTOR PUMP
DATALINK (+) FUEL INJECTOR PUMP
FUEL INJECTION PUMP SYNC SIGNAL
LOW IDLE SELECT
FUEL SHUT-OFF SIGNAL
GROUND
GROUND
ENGINE CONTROL MODULE

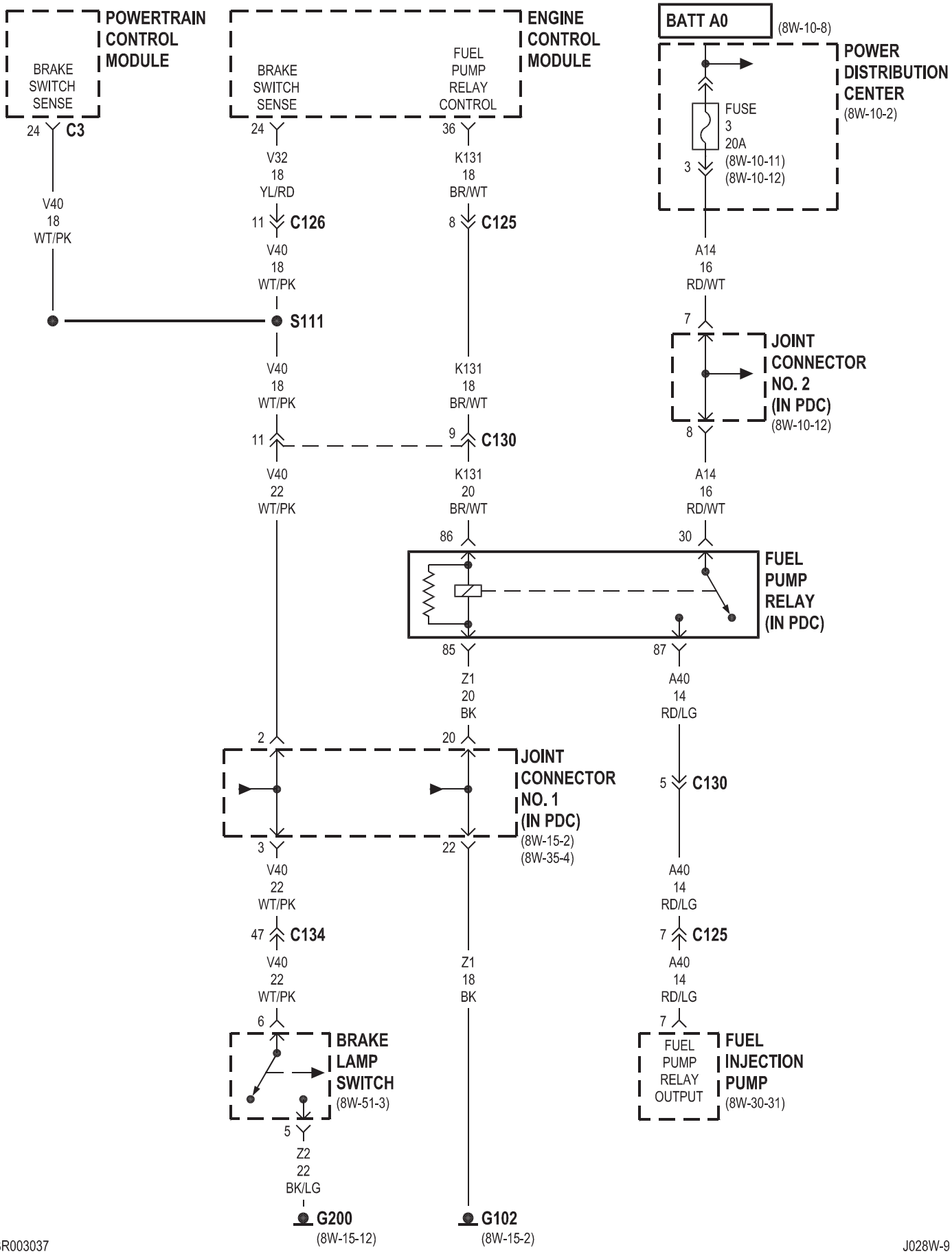

CAMSHAFT POSITION SENSOR
A
B
C
INTAKE AIR TEMPERATURE SENSOR
A
B
K104
18
BK/LB
S165
(8W-70-7)
K6
18
VT/WT
K14
18
BK/DB
K124
18
GY
K104
18
BK/LB
K21
18
BK/RD
3
4
17
11
7
5V SUPPLY
SENSOR GROUND
CAMSHAFT POSITION SENSOR SIGNAL
SENSOR GROUND
INTAKE AIR TEMPERATURE SENSOR SIGNAL
ENGINE CONTROL MODULE

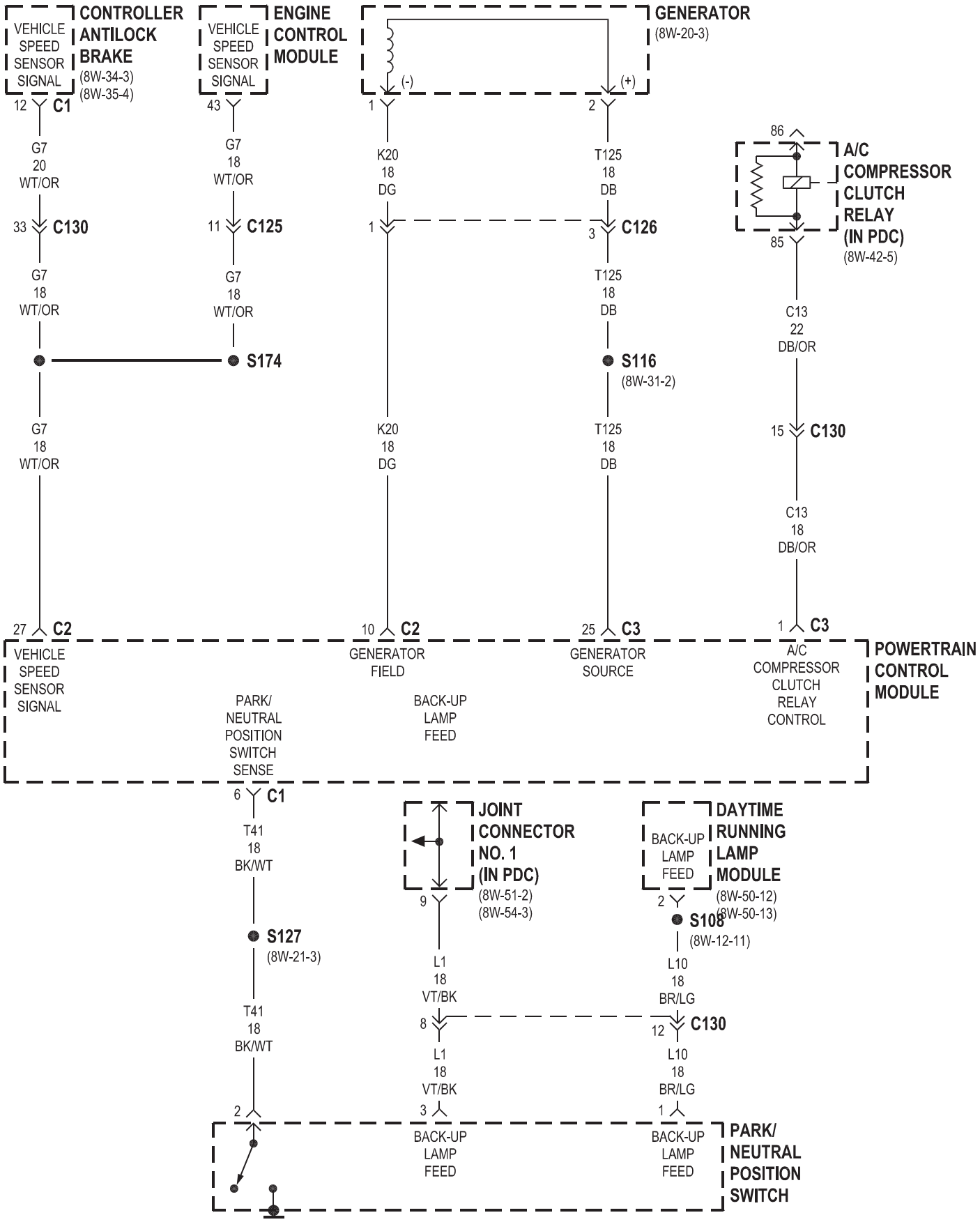

ENGINE OIL PRESSURE SENSOR
MANIFOLD ABSOLUTE PRESSURE SENSOR
C
B
A
1
3
2
G60 18 GY/BK
K104 18 BK/LB
K7 18 OR
K7 18 OR
K104 18 BK/LB
G12 18 GY/RD
S166
S165
(8W-70-7)
K7 18 OR
K104 18 BK/LB
6
10
11
8
ENGINE OIL PRESSURE SENSOR SIGNAL
5V SUPPLY
SENSOR GROUND
MANIFOLD ABSOLUTE PRESSURE SENSOR SIGNAL
ENGINE CONTROL MODULE

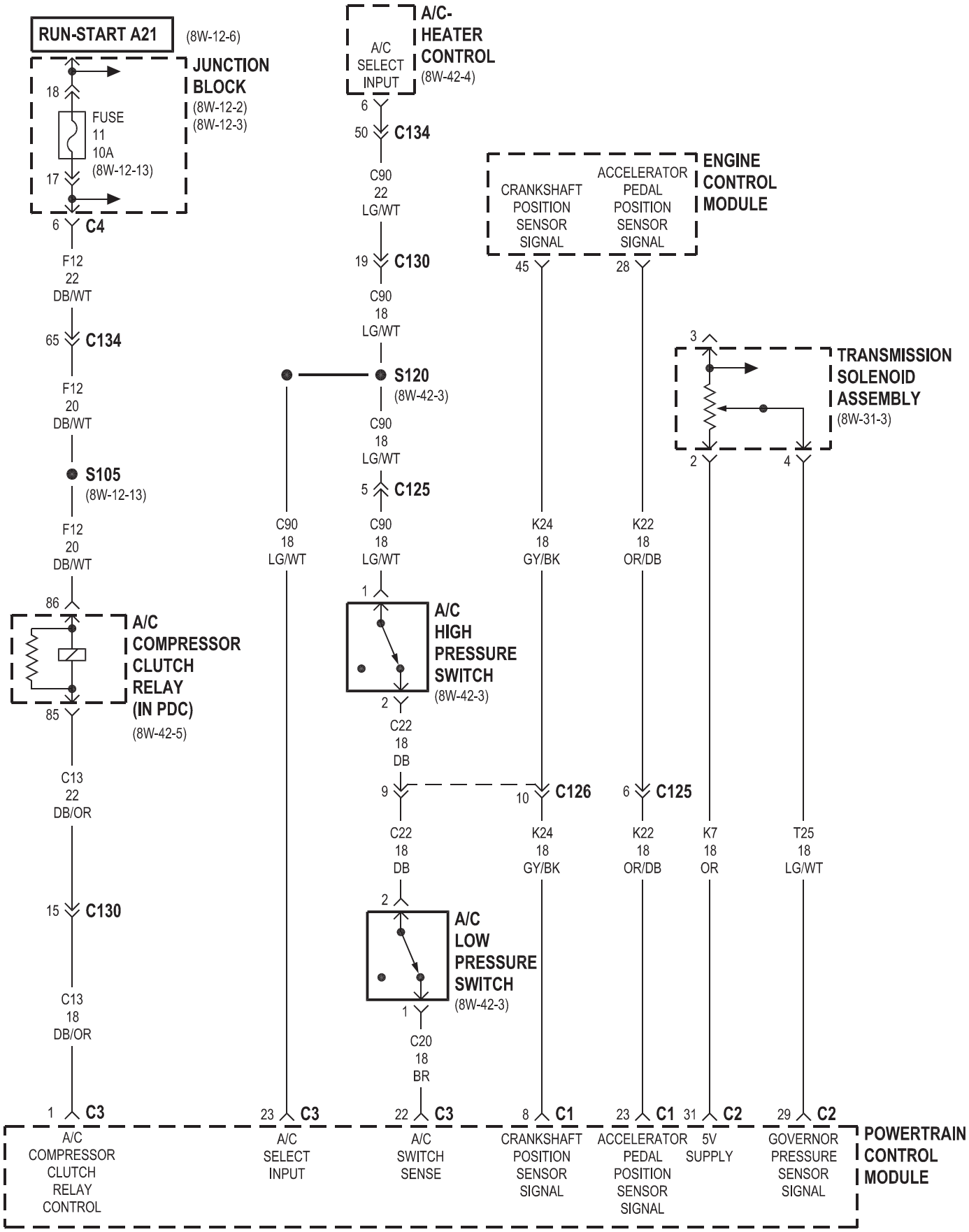

S165
(8W-70-7)
K104
18
BK/LB
A
ENGINE
COOLANT
TEMPERATURE
SENSOR
B
K2
18
TN/BK
14
ENGINE
COOLANT
TEMPERATURE
SENSOR
SIGNAL
K104
18
BK/LB
A
WATER
IN
FUEL
SENSOR
B
K1
18
DG/RD
21
WATER
IN
FUEL
SENSOR
SIGNAL
A
C3
CLOCKSPRING
(8W-47-4)
1
C1
V37
22
RD/LG
26
V37
22
RD/LG
41
V37
18
RD/LG
2
V37
18
RD/LG
22
SPEED
CONTROL
SWITCH
SIGNAL
WAIT
TO
START
WARNING
INDICATOR
DRIVER
INSTRUMENT
CLUSTER
(8W-40-2)
8
C1
G85
22
OR/BK
43
C134
G85
22
OR/BK
10
C130
G85
18
OR/BK
8
C126
G85
18
OR/BK
37
WAIT-TO-
START
WARNING
INDICATOR
DRIVER
ENGINE
CONTROL
MODULE
K104
18
BK/LB
11
SENSOR
GROUND
PTO
SWITCH
SENSE
26
G113
18
OR
2
C125
G113
18
OR
PTO
SWITCH
SENSE
PTO
SWITCH
GROUND
49
Z12
18
BK/TN
GROUND
30
Z12
18
BK/TN
S168
(8W-15-9)
Z12
8
BK/TN
Z0
8
BK
TO
S109
(8W-15-11)
TRANSFER
PUMP
SUPPLY
15
K135
18
YL/WT
TRANSFER
PUMP
SUPPLY
35
K135
18
YL/WT
S160
K135
18
YL/WT
1
M
2
FUEL
TRANSFER
PUMP
Z11
18
BK/WT
S164
(8W-15-10)
Z11
12
BK/WT
G107
(8W-15-10)

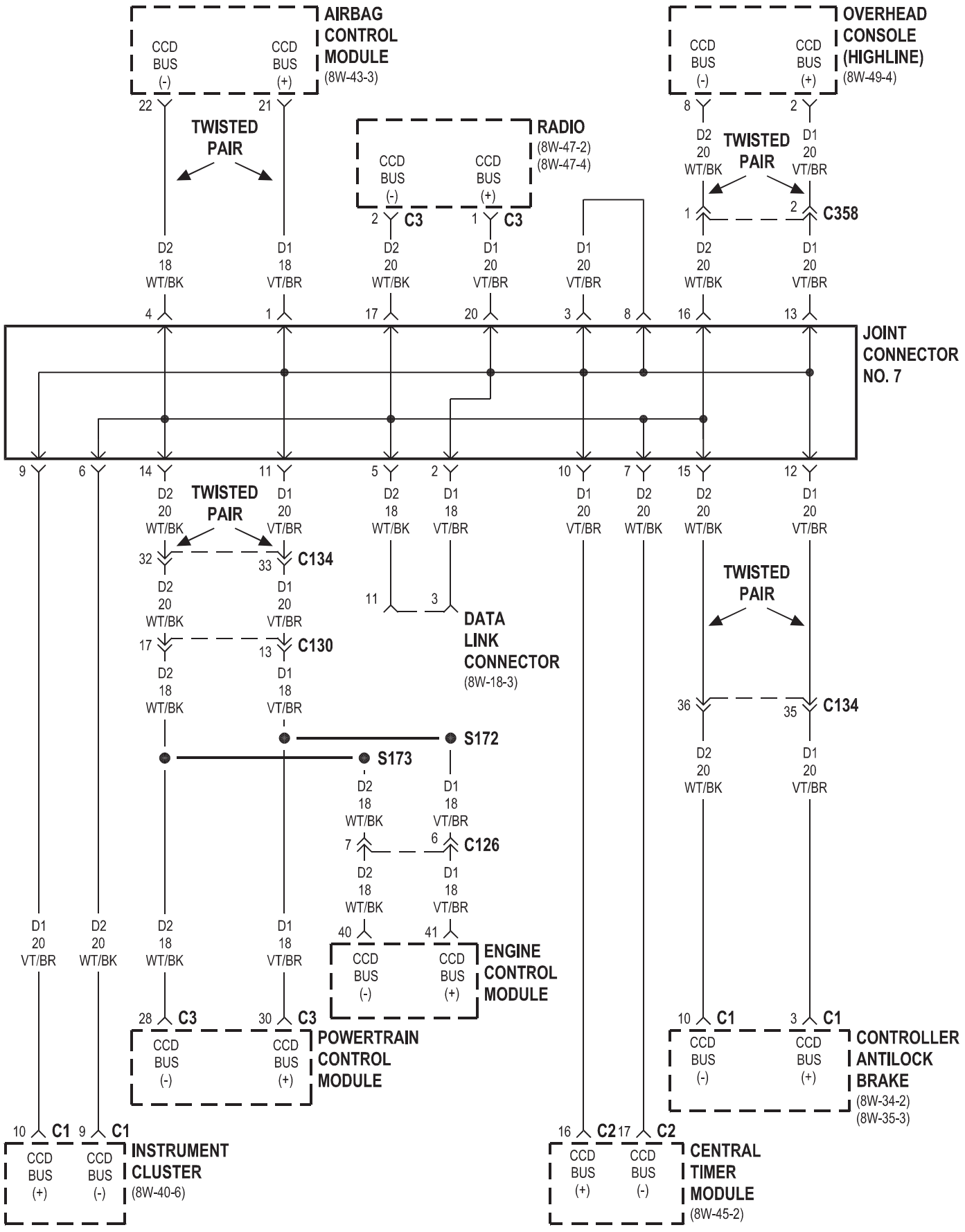

AIR INTAKE HEATER RELAY NO. 1 CONTROL
AIR INTAKE HEATER RELAY NO. 2 CONTROL
ENGINE CONTROL MODULE
29
S21
18
YL/BK
13
C126
36
C130
S21
18
YL/BK
3
FUSIBLE LINK
A5
12
BK
BATTERY
(8W-20-3)
FUSIBLE LINK
A8
12
BK
A5
6
BK
A8
6
BK
47
S22
18
OR/BK
14
C126
37
C130
S22
18
OR/BK
1
INTAKE AIR HEATER RELAY NO. 1
INTAKE AIR HEATER RELAY NO. 2
4
2
Z12
18
BK/TN
A58
6
BK
A122
6
BK
Z12
18
BK/TN
1
2
INTAKE AIR HEATER
16
17
JOINT CONNECTOR NO. 2 (IN PDC)
18
43
C130
A/T
M/T
Z12
18
BK/TN
Z12
18
BK/TN
S128
(8W-15-9)
12
C126
Z12
18
BK/TN
S168
(8W-15-9)
Z12
8
BK/TN
TO
S109
(8W-15-11)

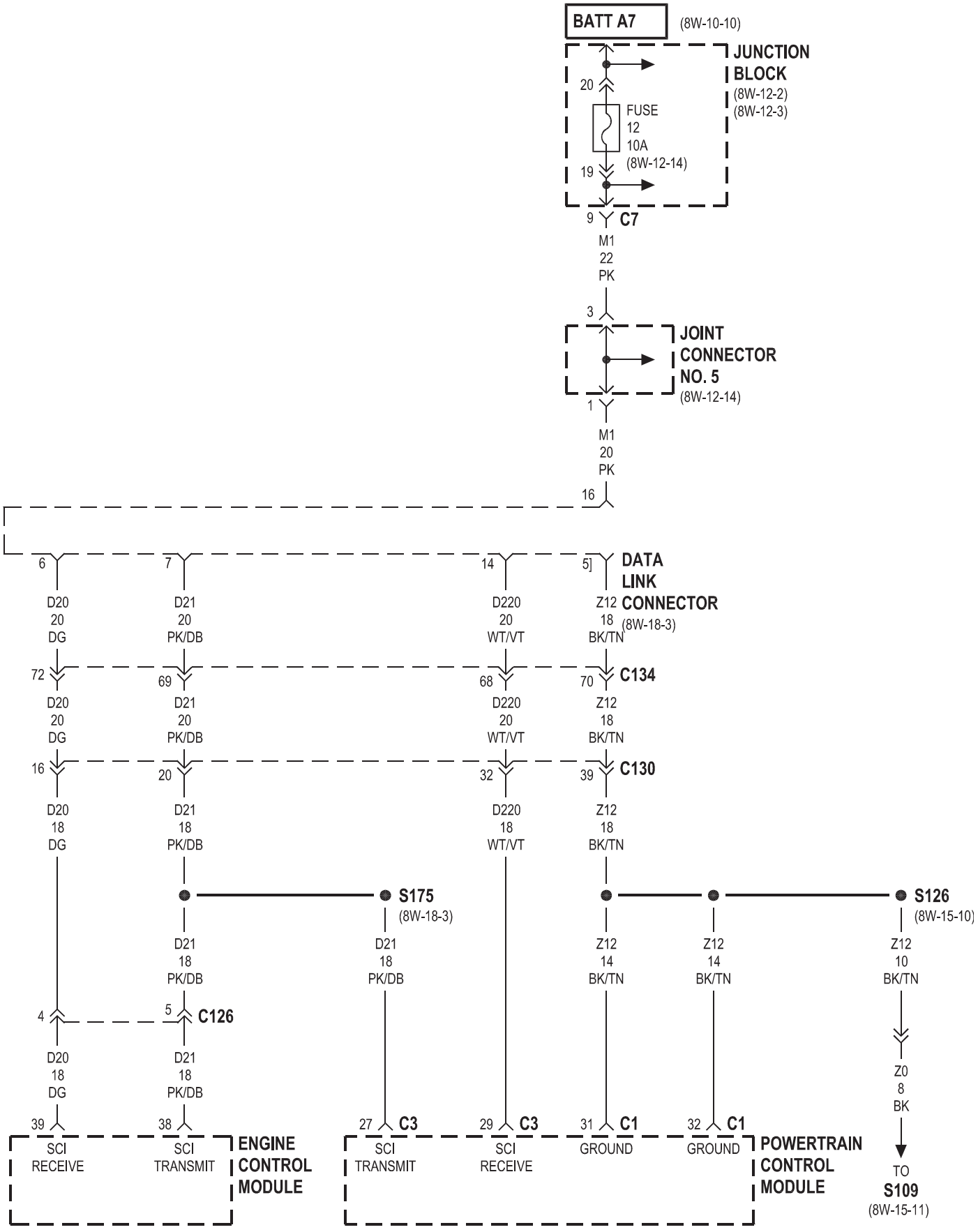

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 7 40A
(8W-10-20)
7
A112 12 RD/TN
30
RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
(8W-12-13)
17
14
FUSE 9 10A
(8W-12-12)
13
6 C4
F12 22 DB/WT
65 C134
F12 20 DB/WT
S105 (IN PDC)
(8W-12-13)
F12 20 DB/WT
86
10 C1
F18 20 LG/BK
S107
(8W-12-12)
F18 20 LG/BK
28 C130
F18 18 LG/BK
FUEL HEATER RELAY (IN PDC)
87
85
A93 12 RD/BK
6 C130
A93 12 RD/BK
9 C125
B
FUEL HEATER
A
Z11 14 BK/TN
S164
(8W-15-10)
Z11 12 BK/WT
G107
(8W-15-10)
Z1 22 BK
24
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
22
Z1 18 BK
G102
(8W-15-2)
S171
(8W-12-12)
F18 18 LG/BK
1 C125
F18 18 LG/BK
5
FUSED IGNITION SWITCH OUTPUT (RUN-START)
ENGINE CONTROL MODULE
F18 18 LG/BK
2 C1
FUSED IGNITION SWITCH OUTPUT (RUN-START)
POWERTRAIN CONTROL MODULE

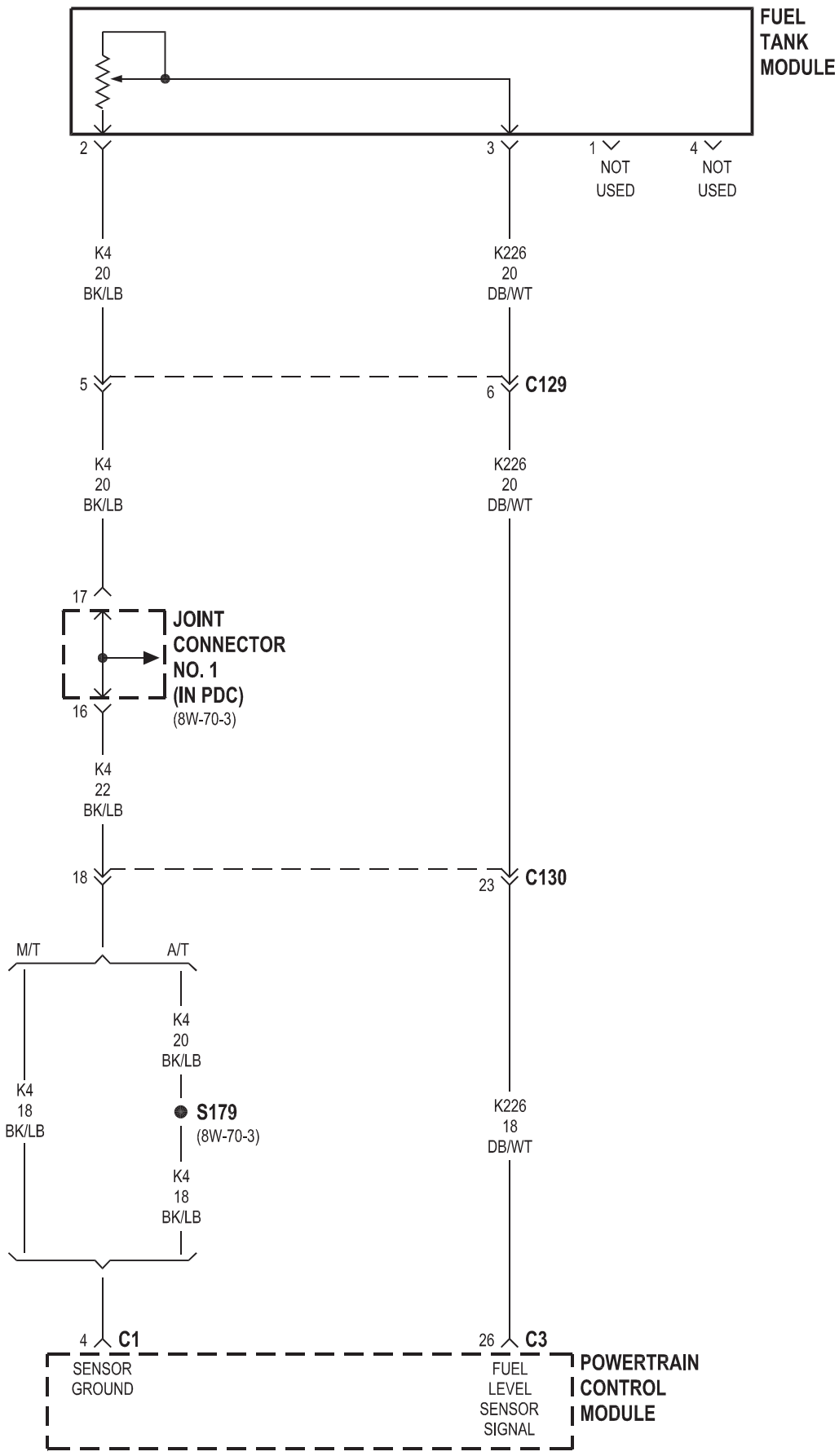

POWERTRAIN CONTROL MODULE
BRAKE SWITCH SENSE
24
C3
V40
18
WT/PK
ENGINE CONTROL MODULE
BRAKE SWITCH SENSE
FUEL PUMP RELAY CONTROL
24
36
V32
18
YL/RD
K131
18
BR/WT
11
C126
8
C125
V40
18
WT/PK
S111
V40
18
WT/PK
K131
18
BR/WT
11
9
C130
V40
22
WT/PK
K131
20
BR/WT
2
20
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
(8W-35-4)
3
22
V40
22
WT/PK
47
C134
V40
22
WT/PK
Z1
18
BK
6
BRAKE LAMP SWITCH
(8W-51-3)
5
Z2
22
BK/LG
G200
(8W-15-12)
G102
(8W-15-2)
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
3
20A
(8W-10-11)
(8W-10-12)
3
A14
16
RD/WT
7
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-12)
8
A14
16
RD/WT
30
FUEL PUMP RELAY (IN PDC)
86
85
87
Z1
20
BK
A40
14
RD/LG
5
C130
A40
14
RD/LG
7
C125
A40
14
RD/LG
7
FUEL PUMP RELAY OUTPUT
FUEL INJECTION PUMP
(8W-30-31)


CONTROLLER ANTILOCK BRAKE (8W-34-3) (8W-35-4)
VEHICLE SPEED SENSOR SIGNAL
ENGINE CONTROL MODULE
GENERATOR (8W-20-3)
A/C COMPRESSOR CLUTCH RELAY (IN PDC) (8W-42-5)
12 C1
43
1
2
86
85
G7 20 WT/OR
G7 18 WT/OR
K20 18 DG
T125 18 DB
C13 22 DB/OR
33 C130
11 C125
1
3 C126
15 C130
S174
S116 (8W-31-2)
C13 18 DB/OR
27 C2
10 C2
25 C3
1 C3
POWERTRAIN CONTROL MODULE
VEHICLE SPEED SENSOR SIGNAL
GENERATOR FIELD
GENERATOR SOURCE
A/C COMPRESSOR CLUTCH RELAY CONTROL
PARK/ NEUTRAL POSITION SWITCH SENSE
BACK-UP LAMP FEED
6 C1
T41 18 BK/WT
JOINT CONNECTOR NO. 1 (IN PDC) (8W-51-2) (8W-54-3)
DAYTIME RUNNING LAMP MODULE (8W-50-12) (8W-50-13)
9
2
S127 (8W-21-3)
S108 (8W-12-11)
L1 18 VT/BK
L10 18 BR/LG
8
12 C130
2
3
1
PARK/ NEUTRAL POSITION SWITCH


RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
(8W-12-13)
17
6 C4
F12 22 DB/WT
65 C134
F12 20 DB/WT
S105
(8W-12-13)
F12 20 DB/WT
86
A/C COMPRESSOR CLUTCH RELAY (IN PDC)
(8W-42-5)
85
C13 22 DB/OR
15 C130
C13 18 DB/OR
1 C3
A/C COMPRESSOR CLUTCH RELAY CONTROL
A/C-HEATER CONTROL
(8W-42-4)
A/C SELECT INPUT
6
50 C134
C90 22 LG/WT
19 C130
C90 18 LG/WT
S120
(8W-42-3)
C90 18 LG/WT
5 C125
C90 18 LG/WT
1
A/C HIGH PRESSURE SWITCH
(8W-42-3)
2
C22 18 DB
9
C22 18 DB
2
A/C LOW PRESSURE SWITCH
(8W-42-3)
1
C20 18 BR
22 C3
A/C SWITCH SENSE
C90 18 LG/WT
23 C3
A/C SELECT INPUT
ENGINE CONTROL MODULE
CRANKSHAFT POSITION SENSOR SIGNAL
45
K24 18 GY/BK
10 C126
K24 18 GY/BK
8 C1
CRANKSHAFT POSITION SENSOR SIGNAL
ACCELERATOR PEDAL POSITION SENSOR SIGNAL
28
K22 18 OR/DB
6 C125
K22 18 OR/DB
23 C1
ACCELERATOR PEDAL POSITION SENSOR SIGNAL
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
3
2
4
K7 18 OR
31 C2
5V SUPPLY
T25 18 LG/WT
29 C2
GOVERNOR PRESSURE SENSOR SIGNAL
POWERTRAIN CONTROL MODULE

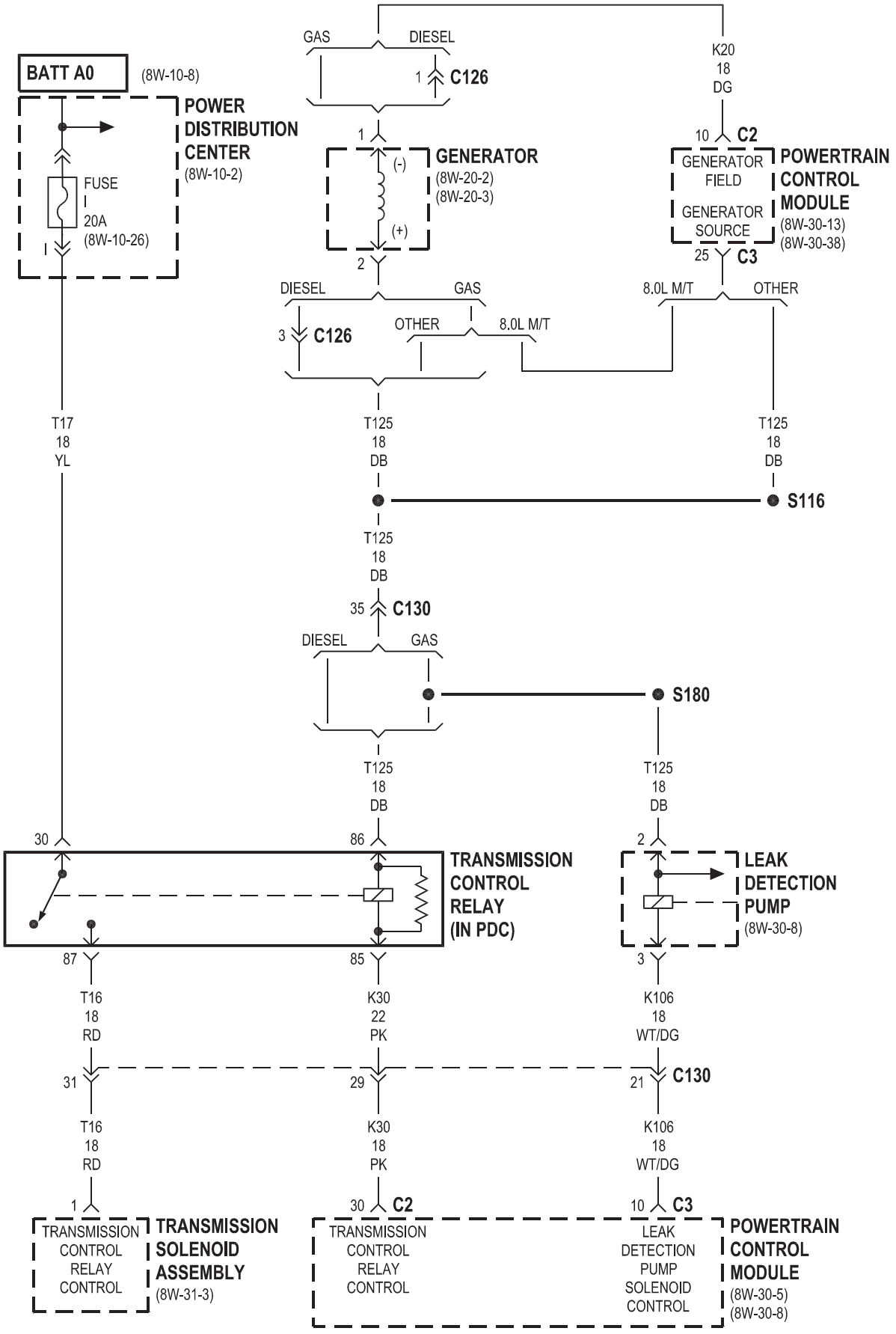

AIRBAG CONTROL MODULE (8W-43-3)
CCD BUS (-)
CCD BUS (+)
22
21
TWISTED PAIR
RADIO (8W-47-2) (8W-47-4)
2 C3
1 C3
OVERHEAD CONSOLE (HIGHLINE) (8W-49-4)
8
2
1
2 C358
D2 18 WT/BK
D1 18 VT/BR
D2 20 WT/BK
D1 20 VT/BR
4
1
17
20
3
8
16
13
JOINT CONNECTOR NO. 7
9
6
14
11
5
2
10
7
15
12
32
33 C134
17
13 C130
11
3
DATA LINK CONNECTOR (8W-18-3)
36
35 C134
S172
S173
7
6 C126
40
41
ENGINE CONTROL MODULE
28 C3
30 C3
POWERTRAIN CONTROL MODULE
10 C1
3 C1
CONTROLLER ANTILOCK BRAKE (8W-34-2) (8W-35-3)
10 C1
9 C1
INSTRUMENT CLUSTER (8W-40-6)
16 C2
17 C2
CENTRAL TIMER MODULE (8W-45-2)

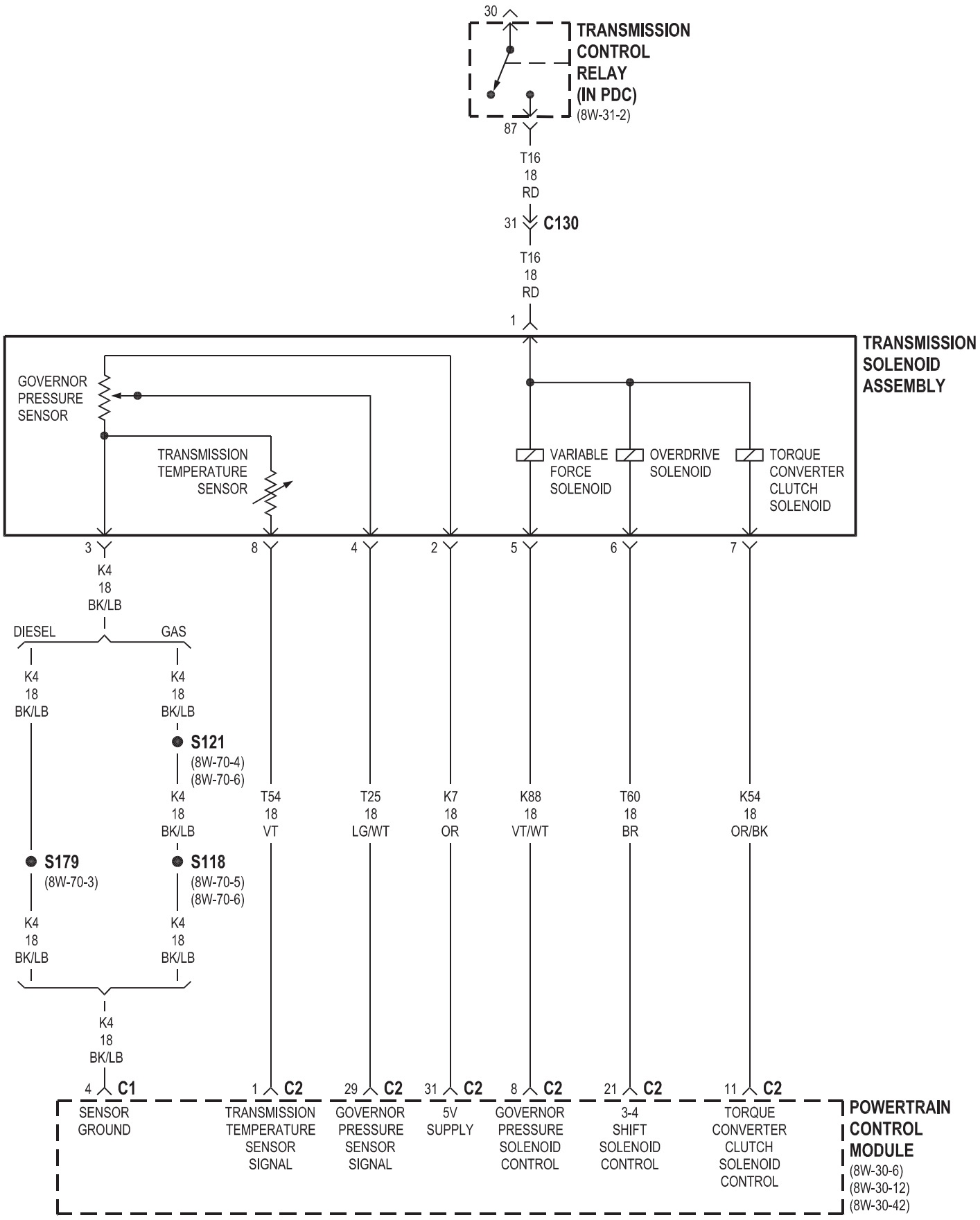

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
(8W-12-14)
19
9
C7
M1 22 PK
3
JOINT CONNECTOR NO. 5
(8W-12-14)
1
M1 20 PK
16
6
D20 20 DG
7
D21 20 PK/DB
14
D220 20 WT/VT
5]
Z12 18 BK/TN
DATA LINK CONNECTOR
(8W-18-3)
72
69
68
70
C134
16
20
32
39
C130
D20 18 DG
D21 18 PK/DB
D220 18 WT/VT
Z12 18 BK/TN
S175
(8W-18-3)
S126
(8W-15-10)
Z12 14 BK/TN
Z12 10 BK/TN
4
5
C126
Z0 8 BK
TO S109
(8W-15-11)
39
38
27
29
31
32
C3
C1
SCI RECEIVE
SCI TRANSMIT
GROUND
ENGINE CONTROL MODULE
POWERTRAIN CONTROL MODULE

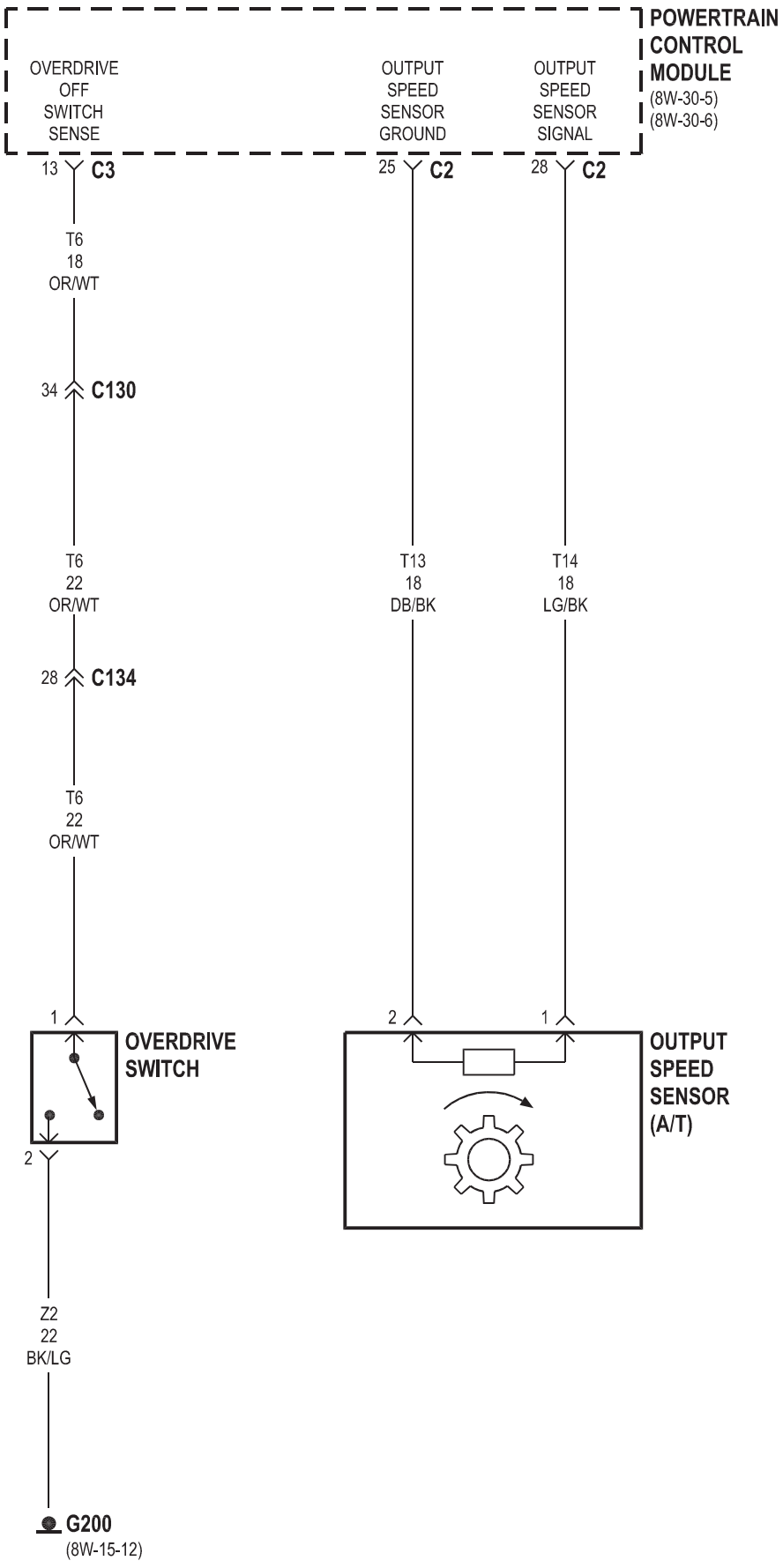

FUEL TANK MODULE
2
3
1
NOT USED
4
NOT USED
K4 20 BK/LB
K226 20 DB/WT
5
6
C129
K4 20 BK/LB
K226 20 DB/WT
17
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-70-3)
16
K4 22 BK/LB
18
23
C130
M/T
A/T
K4 20 BK/LB
K4 18 BK/LB
S179
(8W-70-3)
K4 18 BK/LB
K226 18 DB/WT
4
C1
SENSOR GROUND
26
C3
FUEL LEVEL SENSOR SIGNAL
POWERTRAIN CONTROL MODULE

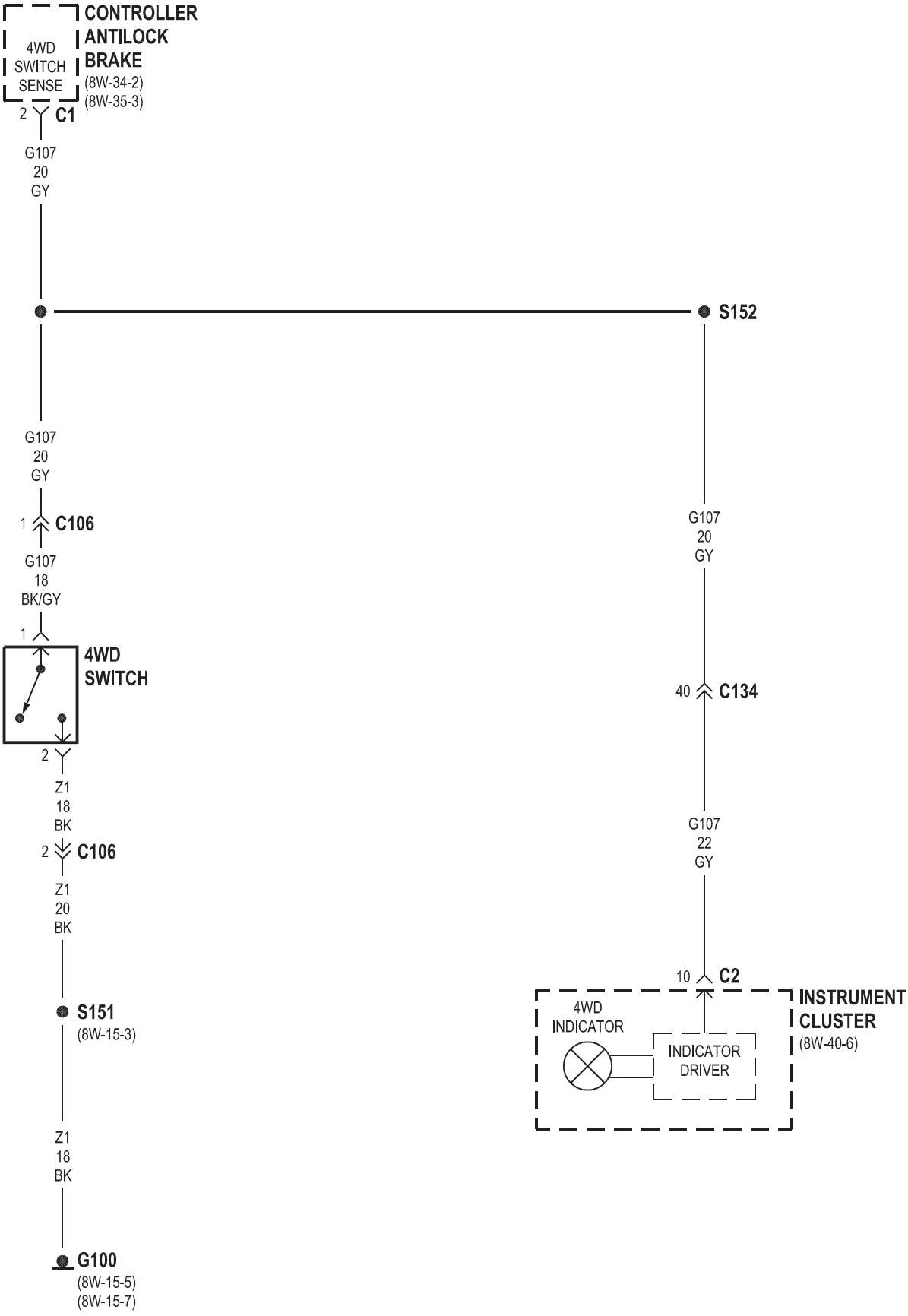
8W-31 TRANSMISSION CONTROL SYSTEM

Component	Page
Controller Antilock Brake	8W-31-5
Fuse I (PDC)	8W-31-2
G100	8W-31-5
G107	8W-31-5
G200	8W-31-4
Generator	8W-31-2
Instrument Cluster	8W-31-5
Leak Detection Pump	8W-31-2
Output Speed Sensor	8W-31-4
Overdrive Switch	8W-31-4
Power Distribution Center	8W-31-2
Powertrain Control Module	8W-31-2, 3, 4
Transmission Control Relay	8W-31-2, 3
Transmission Solenoid Assembly	8W-31-2, 3


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
20A
(8W-10-26)
GAS
DIESEL
1 C126
1
GENERATOR
(8W-20-2)
(8W-20-3)
(-)
(+)
2
K20
18
DG
10 C2
GENERATOR FIELD
GENERATOR SOURCE
POWERTRAIN CONTROL MODULE
(8W-30-13)
(8W-30-38)
25 C3
DIESEL
GAS
3 C126
OTHER
8.0L M/T
8.0L M/T
OTHER
T17
18
YL
T125
18
DB
T125
18
DB
S116
T125
18
DB
35 C130
DIESEL
GAS
S180
T125
18
DB
T125
18
DB
30
86
2
TRANSMISSION CONTROL RELAY (IN PDC)
LEAK DETECTION PUMP
(8W-30-8)
87
85
3
T16
18
RD
K30
22
PK
K106
18
WT/DG
31
29
21 C130
T16
18
RD
K30
18
PK
K106
18
WT/DG
1
30 C2
10 C3
TRANSMISSION CONTROL RELAY CONTROL
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
TRANSMISSION CONTROL RELAY CONTROL
LEAK DETECTION PUMP SOLENOID CONTROL
POWERTRAIN CONTROL MODULE
(8W-30-5)
(8W-30-8)

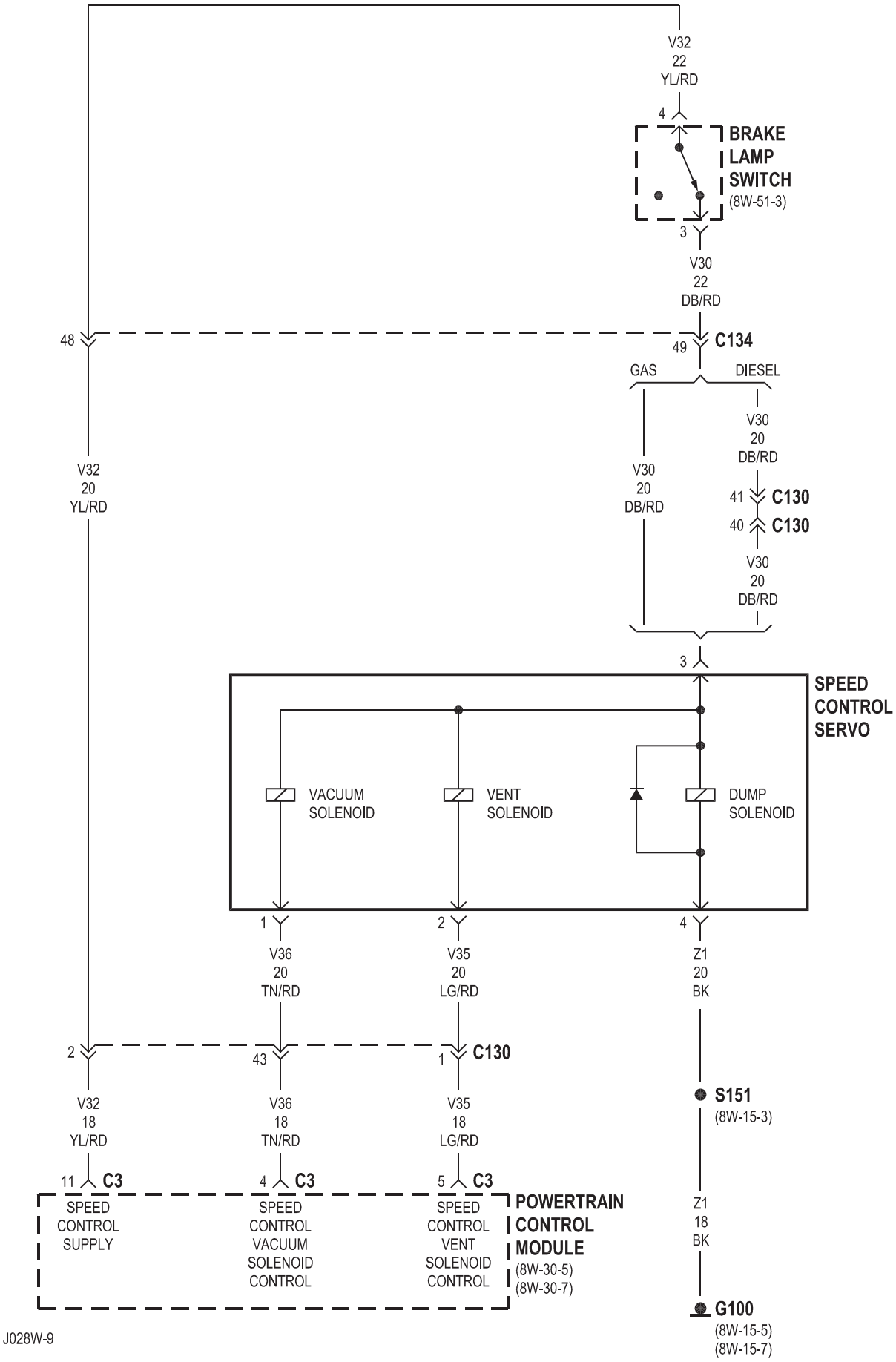

30
TRANSMISSION CONTROL RELAY (IN PDC)
(8W-31-2)
87
T16
18
RD
31
C130
T16
18
RD
1
TRANSMISSION SOLENOID ASSEMBLY
GOVERNOR PRESSURE SENSOR
TRANSMISSION TEMPERATURE SENSOR
VARIABLE FORCE SOLENOID
OVERDRIVE SOLENOID
TORQUE CONVERTER CLUTCH SOLENOID
3
8
4
2
5
6
7
K4
18
BK/LB
DIESEL
GAS
K4
18
BK/LB
K4
18
BK/LB
S121
(8W-70-4)
(8W-70-6)
K4
18
BK/LB
T54
18
VT
T25
18
LG/WT
K7
18
OR
K88
18
VT/WT
T60
18
BR
K54
18
OR/BK
S179
(8W-70-3)
S118
(8W-70-5)
(8W-70-6)
K4
18
BK/LB
K4
18
BK/LB
K4
18
BK/LB
4 C1
SENSOR GROUND
1 C2
TRANSMISSION TEMPERATURE SENSOR SIGNAL
29 C2
GOVERNOR PRESSURE SENSOR SIGNAL
31 C2
5V SUPPLY
8 C2
GOVERNOR PRESSURE SOLENOID CONTROL
21 C2
3-4 SHIFT SOLENOID CONTROL
11 C2
TORQUE CONVERTER CLUTCH SOLENOID CONTROL
POWERTRAIN CONTROL MODULE
(8W-30-6)
(8W-30-12)
(8W-30-42)

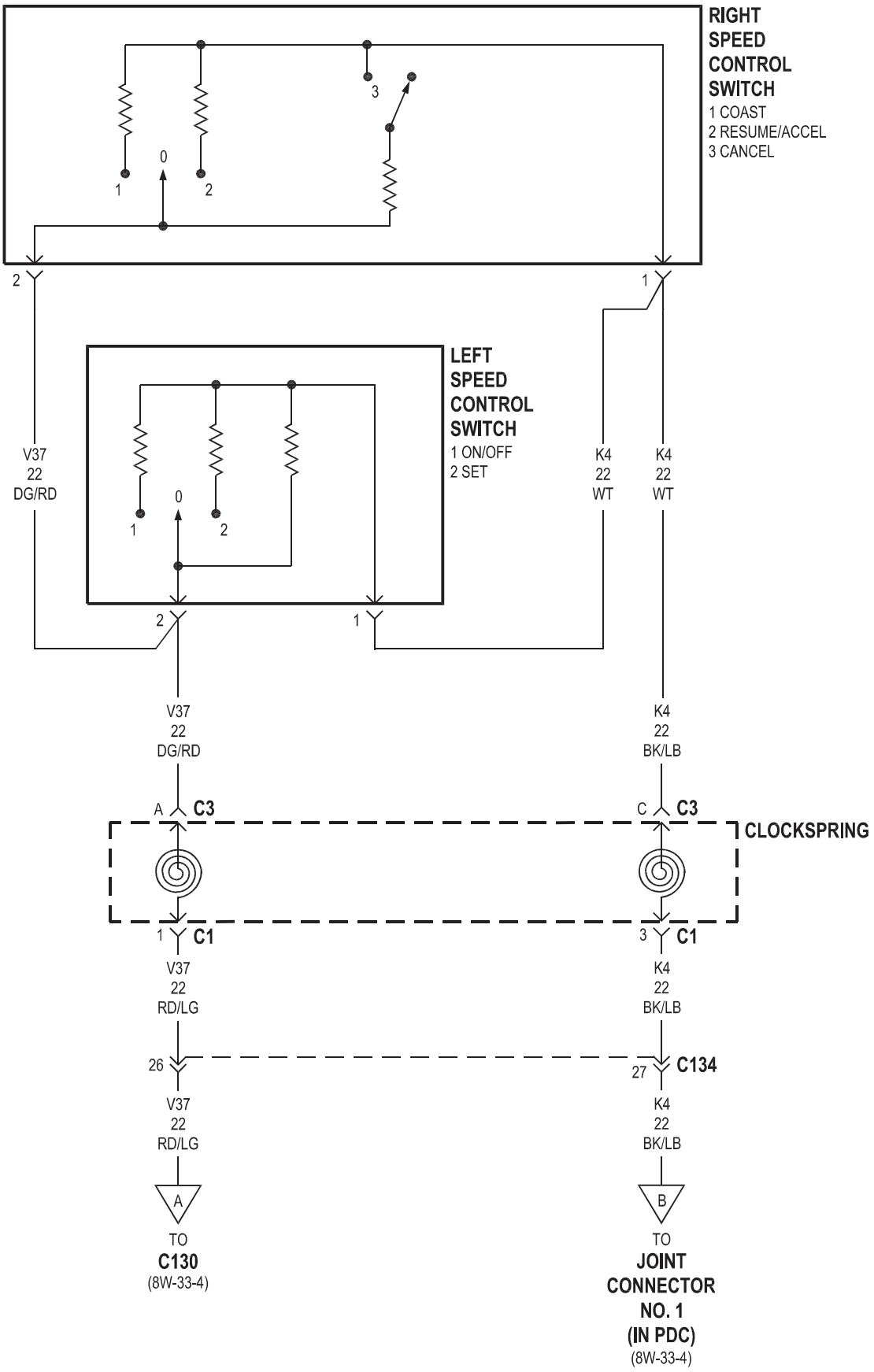

POWERTRAIN CONTROL MODULE
(8W-30-5)
(8W-30-6)
OVERDRIVE OFF SWITCH SENSE
OUTPUT SPEED SENSOR GROUND
OUTPUT SPEED SENSOR SIGNAL
13 C3
25 C2
28 C2
T6 18 OR/WT
34 C130
T6 22 OR/WT
T13 18 DB/BK
T14 18 LG/BK
28 C134
T6 22 OR/WT
1
2
1
OVERDRIVE SWITCH
OUTPUT SPEED SENSOR (A/T)
2
Z2 22 BK/LG
G200
(8W-15-12)

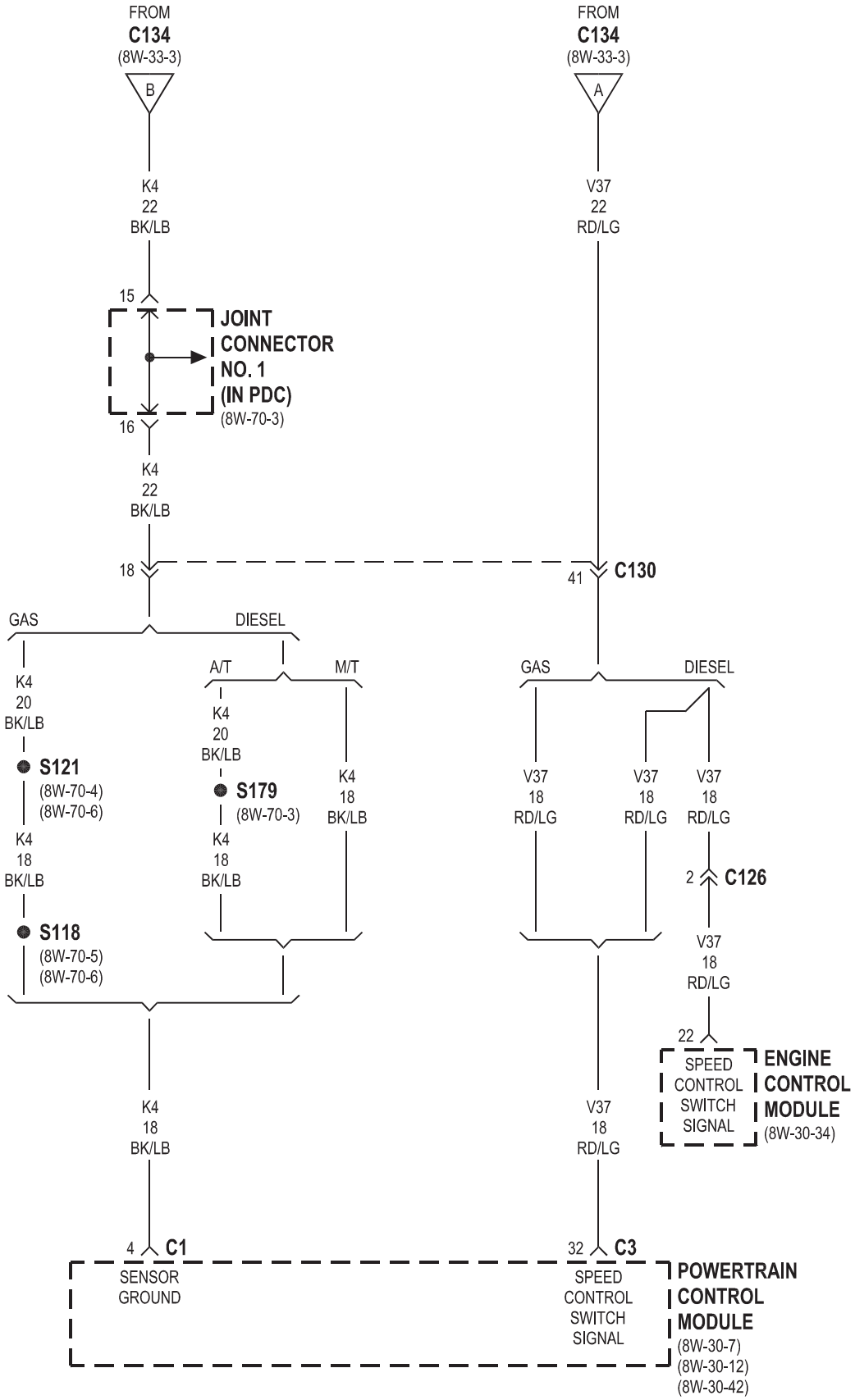

CONTROLLER
ANTILOCK
BRAKE
(8W-34-2)
(8W-35-3)
4WD
SWITCH
SENSE
2
C1
G107
20
GY
S152
G107
20
GY
1
C106
G107
18
BK/GY
1
4WD
SWITCH
2
Z1
18
BK
2
C106
Z1
20
BK
S151
(8W-15-3)
Z1
18
BK
G100
(8W-15-5)
(8W-15-7)
G107
20
GY
40
C134
G107
22
GY
10
C2
4WD
INDICATOR
INDICATOR
DRIVER
INSTRUMENT
CLUSTER
(8W-40-6)

8W-33 VEHICLE SPEED CONTROL

Component	Page
Brake Lamp Switch	8w-33-2
Clockspring	8w-33-3
Engine Control Module	8w-33-4
G100	8w-33-2
Joint Connector No. 1	8w-33-3, 4
Left Speed Control Switch	8w-33-3
Powertrain Control Module	8w-33-2, 4
Right Speed Control Switch	8w-33-3
Speed Control Servo	8w-33-2

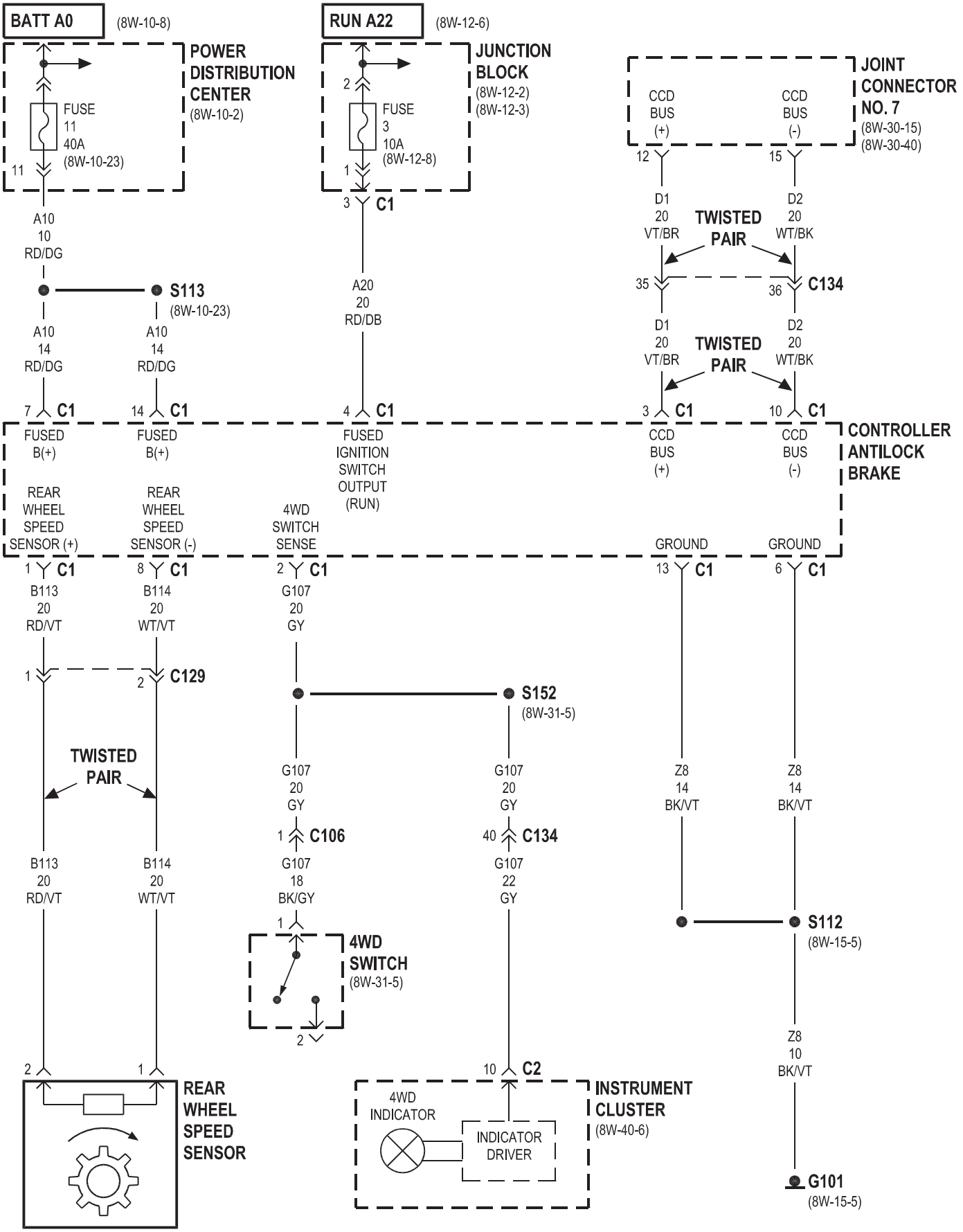

V32
22
YL/RD
4
BRAKE
LAMP
SWITCH
(8W-51-3)
3
V30
22
DB/RD
48
49
C134
GAS
DIESEL
V32
20
YL/RD
V30
20
DB/RD
V30
20
DB/RD
41
C130
40
C130
V30
20
DB/RD
3
SPEED
CONTROL
SERVO
VACUUM
SOLENOID
VENT
SOLENOID
DUMP
SOLENOID
1
2
4
V36
20
TN/RD
V35
20
LG/RD
Z1
20
BK
2
43
1
C130
S151
(8W-15-3)
V32
18
YL/RD
V36
18
TN/RD
V35
18
LG/RD
11
C3
4
C3
5
C3
SPEED
CONTROL
SUPPLY
SPEED
CONTROL
VACUUM
SOLENOID
CONTROL
SPEED
CONTROL
VENT
SOLENOID
CONTROL
POWERTRAIN
CONTROL
MODULE
(8W-30-5)
(8W-30-7)
Z1
18
BK
G100
(8W-15-5)
(8W-15-7)

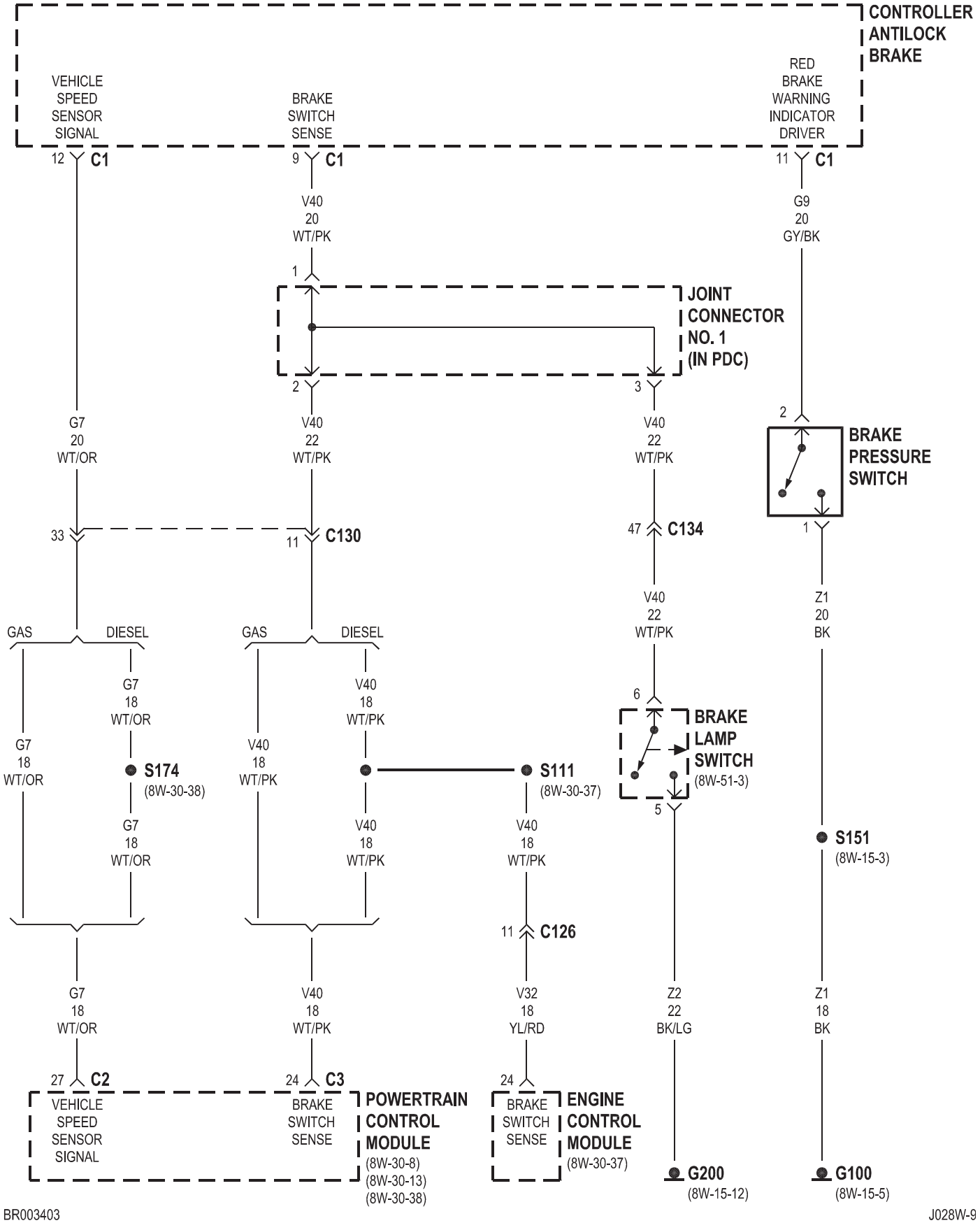

RIGHT
SPEED
CONTROL
SWITCH
1 COAST
2 RESUME/ACCEL
3 CANCEL
1
0
2
3
2
1
LEFT
SPEED
CONTROL
SWITCH
1 ON/OFF
2 SET
V37
22
DG/RD
K4
22
WT
K4
22
WT
V37
22
DG/RD
K4
22
BK/LB
A
C3
C
C3
CLOCKSPRING
1
C1
3
C1
V37
22
RD/LG
K4
22
BK/LB
26
C134
27
V37
22
RD/LG
K4
22
BK/LB
A
B
TO
C130
(8W-33-4)
TO
JOINT
CONNECTOR
NO. 1
(IN PDC)
(8W-33-4)


FROM
C134
(8W-33-3)
B
K4
22
BK/LB
15
JOINT
CONNECTOR
NO. 1
(IN PDC)
(8W-70-3)
16
K4
22
BK/LB
18
FROM
C134
(8W-33-3)
A
V37
22
RD/LG
41
C130
GAS
DIESEL
K4
20
BK/LB
S121
(8W-70-4)
(8W-70-6)
K4
18
BK/LB
S118
(8W-70-5)
(8W-70-6)
A/T
M/T
K4
20
BK/LB
S179
(8W-70-3)
K4
18
BK/LB
K4
18
BK/LB
GAS
DIESEL
V37
18
RD/LG
V37
18
RD/LG
V37
18
RD/LG
2
C126
V37
18
RD/LG
22
SPEED
CONTROL
SWITCH
SIGNAL
ENGINE
CONTROL
MODULE
(8W-30-34)
K4
18
BK/LB
V37
18
RD/LG
4
C1
SENSOR
GROUND
32
C3
SPEED
CONTROL
SWITCH
SIGNAL
POWERTRAIN
CONTROL
MODULE
(8W-30-7)
(8W-30-12)
(8W-30-42)

8W-34 REAR WHEEL ANTILOCK BRAKES

Component	Page
Brake Lamp Switch	8W-34-3
Brake Pressure Switch	8W-34-3
Controller Antilock Brake	8W-34-2, 3
Engine Control Module	8W-34-3
Fuse 3 (JB)	8W-34-2
Fuse 11 (PDC)	8W-34-2
G100	8W-34-3
G101	8W-34-2
G107	8W-34-2
G200	8W-34-3
Instrument Cluster	8W-34-2
Joint Connector No. 1	8W-34-3
Joint Connector No. 7	8W-34-2
Junction Block	8W-34-2
Power Distribution Center	8W-34-2
Powertrain Control Module	8W-34-3
Rear Wheel Speed Sensor	8W-34-2


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 11 40A
(8W-10-23)
11
A10 10 RD/DG
S113
(8W-10-23)
A10 14 RD/DG
A10 14 RD/DG
7 C1
14 C1
FUSED B(+)
FUSED B(+)
RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE 3 10A
(8W-12-8)
2
1
3 C1
A20 20 RD/DB
4 C1
FUSED IGNITION SWITCH OUTPUT (RUN)
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
CCD BUS (+)
CCD BUS (-)
12
15
D1 20 VT/BR
D2 20 WT/BK
TWISTED PAIR
35
36
C134
D1 20 VT/BR
D2 20 WT/BK
TWISTED PAIR
3 C1
10 C1
CCD BUS (+)
CCD BUS (-)
CONTROLLER ANTILOCK BRAKE
REAR WHEEL SPEED SENSOR (+)
REAR WHEEL SPEED SENSOR (-)
4WD SWITCH SENSE
GROUND
GROUND
1 C1
8 C1
2 C1
13 C1
6 C1
B113 20 RD/VT
B114 20 WT/VT
G107 20 GY
1
2
C129
S152
(8W-31-5)
TWISTED PAIR
G107 20 GY
G107 20 GY
Z8 14 BK/VT
Z8 14 BK/VT
1 C106
40 C134
B113 20 RD/VT
B114 20 WT/VT
G107 18 BK/GY
G107 22 GY
1
S112
(8W-15-5)
4WD SWITCH
(8W-31-5)
2
Z8 10 BK/VT
2
1
10 C2
REAR WHEEL SPEED SENSOR
4WD INDICATOR
INDICATOR DRIVER
INSTRUMENT CLUSTER
(8W-40-6)
G101
(8W-15-5)

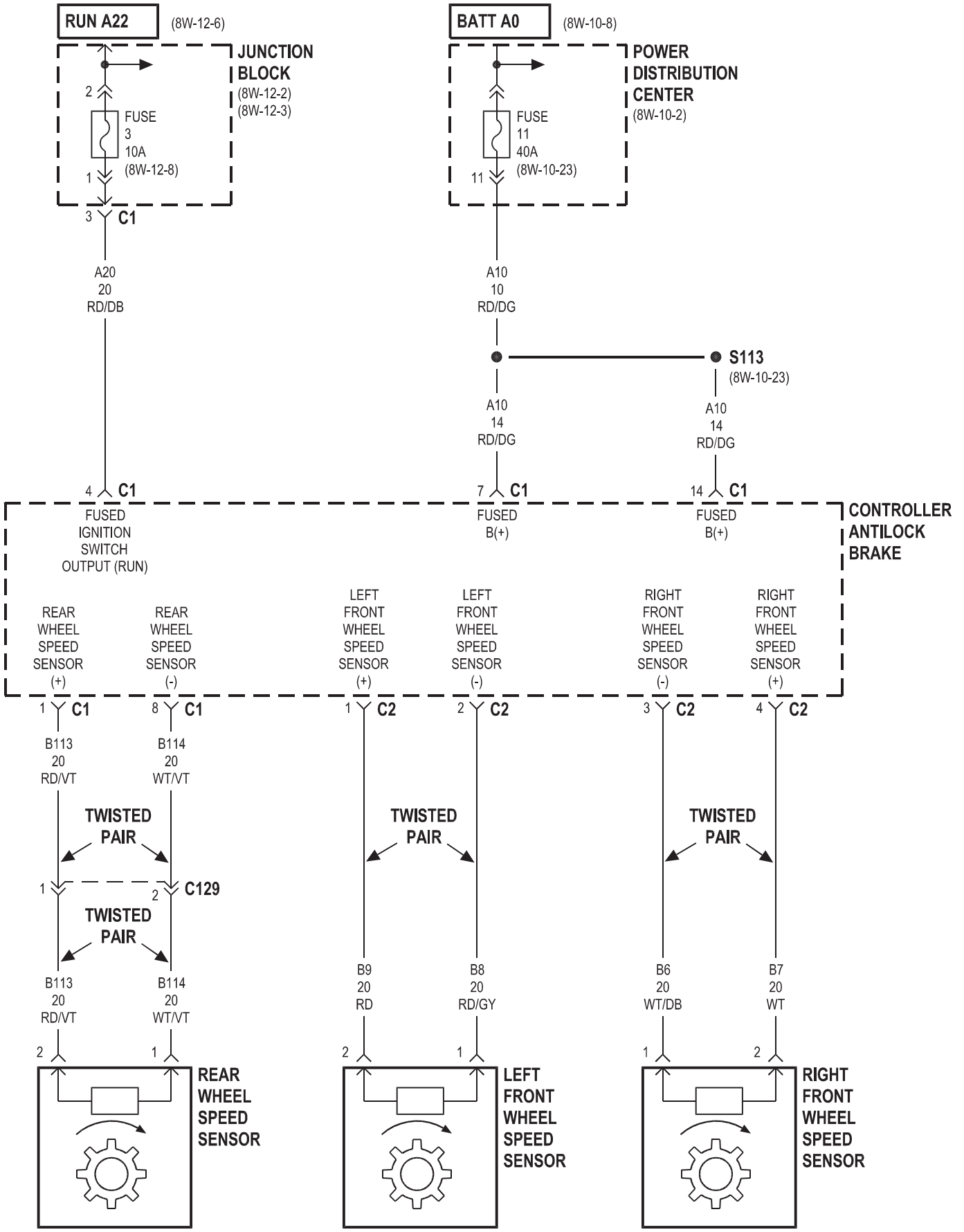


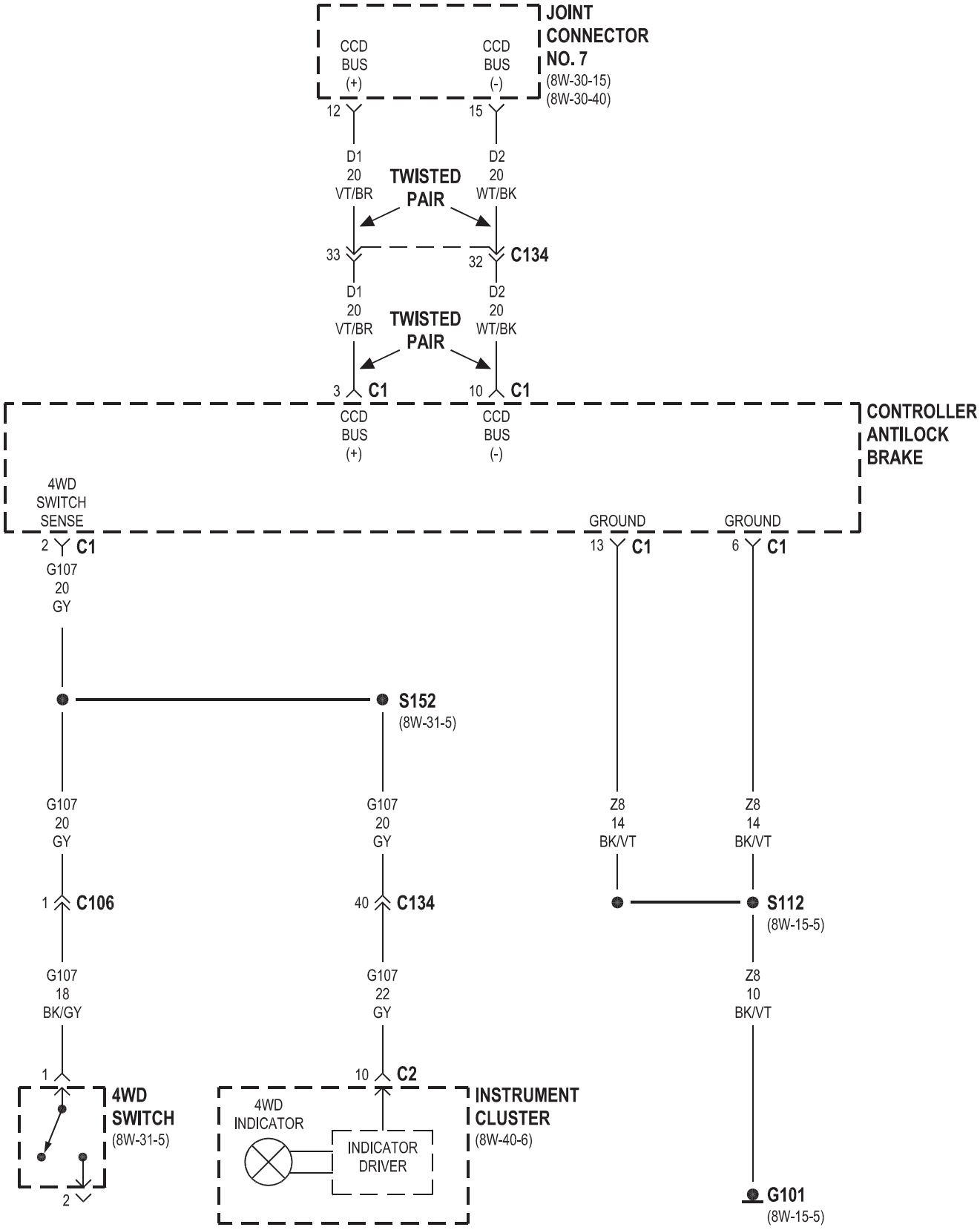
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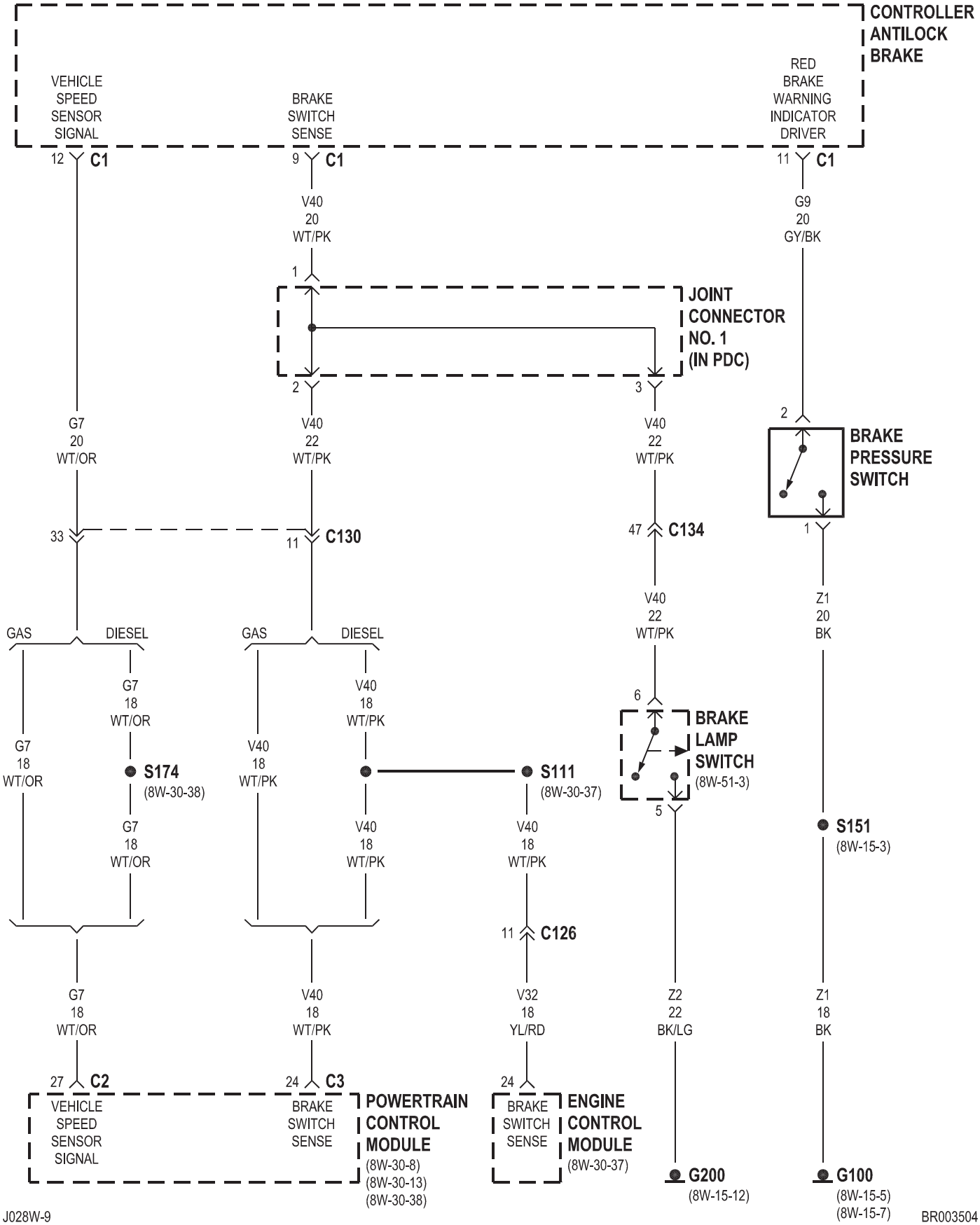
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8W-35 ALL WHEEL ANTILOCK BRAKES

Component	Page
Brake Lamp Switch	8W-35-4
Brake Pressure Switch	8W-35-4
Controller Antilock Brake	8W-35-2, 3, 4
Engine Control Module	8W-35-4
Fuse 3 (JB)	8W-35-2
Fuse 11 (PDC)	8W-35-2
G100	8W-35-4
G101	8W-35-3
G107	8W-35-3
G200	8W-35-4
Instrument Cluster	8W-35-3
Joint Connector No. 1	8W-35-4
Joint Connector No. 7	8W-35-3
Junction Block	8W-35-2
Left Front Wheel Speed Sensor	8W-35-2
Power Distribution Center	8W-35-2
Powertrain Control Module	8W-35-4
Rear Wheel Speed Sensor	8W-35-2
Right Front Wheel Speed Sensor	8W-35-2

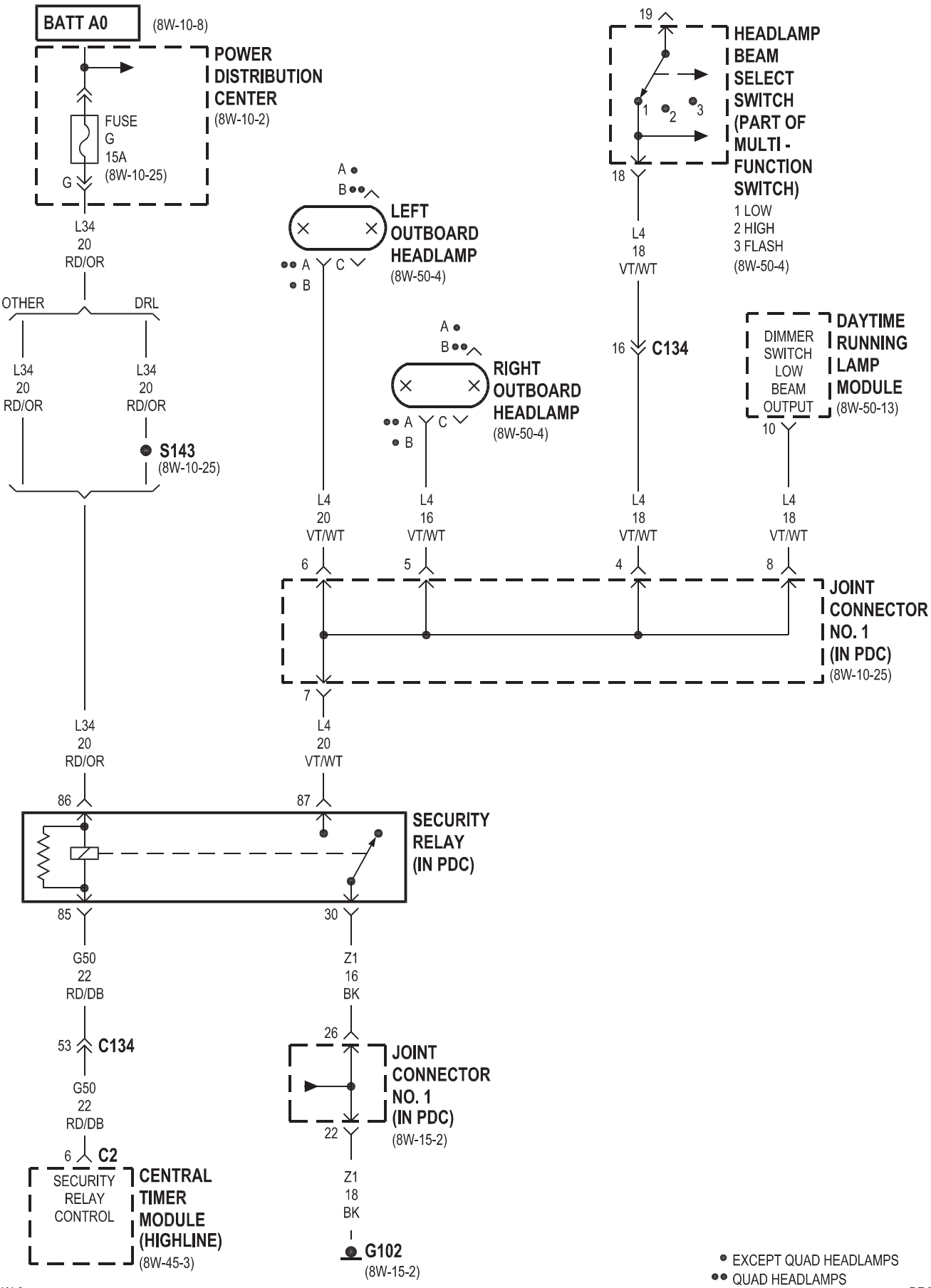

RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
2
FUSE
3
10A
(8W-12-8)
1
3 C1
A20
20
RD/DB
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
11
40A
(8W-10-23)
11
A10
10
RD/DG
S113
(8W-10-23)
A10
14
RD/DG
A10
14
RD/DG
4 C1
FUSED IGNITION SWITCH OUTPUT (RUN)
7 C1
FUSED B(+)
14 C1
FUSED B(+)
CONTROLLER ANTILOCK BRAKE
REAR WHEEL SPEED SENSOR (+)
REAR WHEEL SPEED SENSOR (-)
LEFT FRONT WHEEL SPEED SENSOR (+)
LEFT FRONT WHEEL SPEED SENSOR (-)
RIGHT FRONT WHEEL SPEED SENSOR (-)
RIGHT FRONT WHEEL SPEED SENSOR (+)
1 C1
8 C1
1 C2
2 C2
3 C2
4 C2
B113
20
RD/VT
B114
20
WT/VT
TWISTED PAIR
1
2 C129
TWISTED PAIR
B113
20
RD/VT
B114
20
WT/VT
B9
20
RD
B8
20
RD/GY
B6
20
WT/DB
B7
20
WT
2
1
REAR WHEEL SPEED SENSOR
LEFT FRONT WHEEL SPEED SENSOR
RIGHT FRONT WHEEL SPEED SENSOR

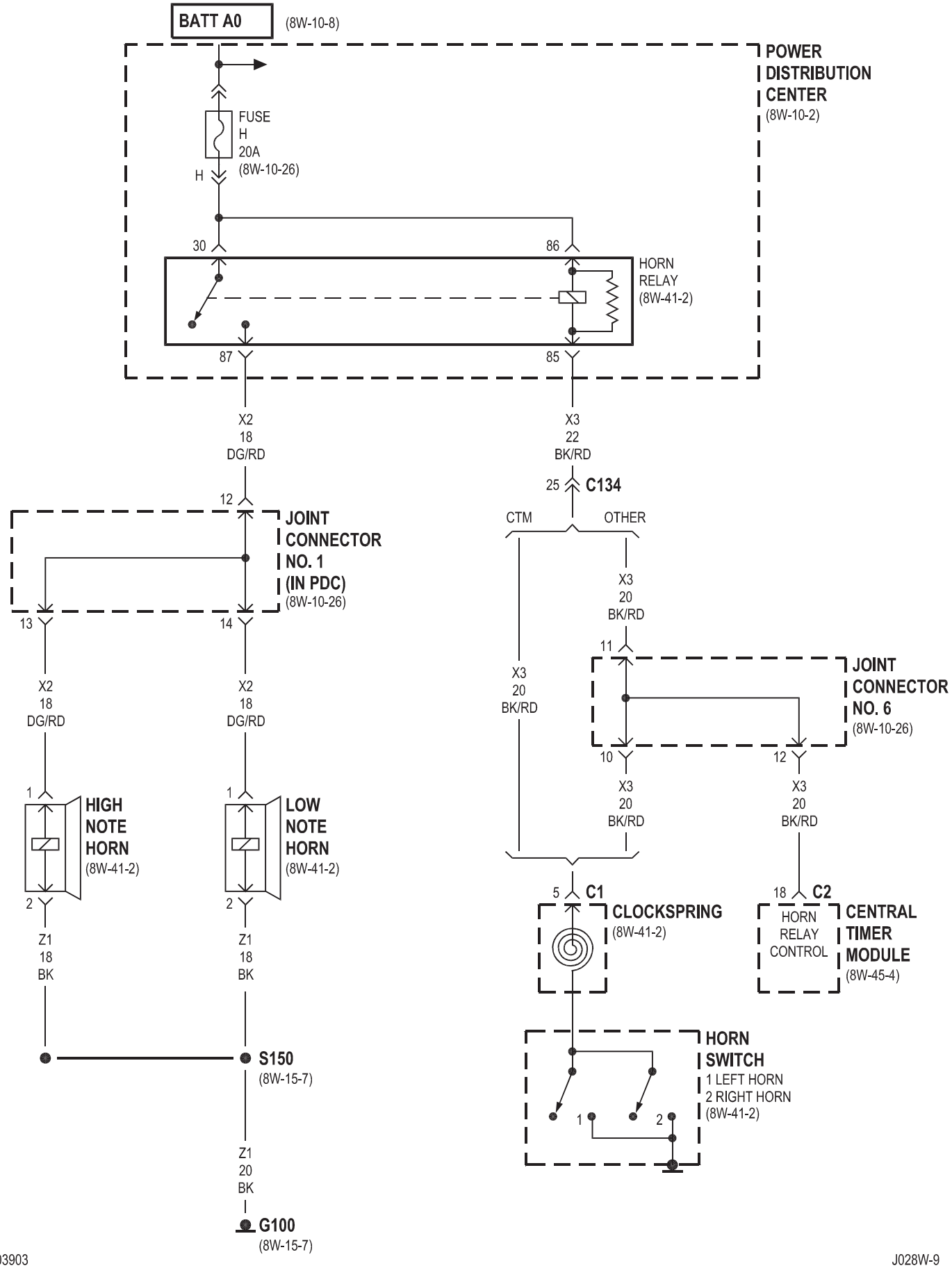

JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
CCD BUS (+)
CCD BUS (-)
12
15
D1 20 VT/BR
D2 20 WT/BK
TWISTED PAIR
33
32
C134
D1 20 VT/BR
D2 20 WT/BK
TWISTED PAIR
3 C1
10 C1
CCD BUS (+)
CCD BUS (-)
CONTROLLER ANTILOCK BRAKE
4WD SWITCH SENSE
2 C1
G107 20 GY
GROUND
13 C1
GROUND
6 C1
S152
(8W-31-5)
G107 20 GY
G107 20 GY
Z8 14 BK/VT
Z8 14 BK/VT
1 C106
40 C134
S112
(8W-15-5)
G107 18 BK/GY
G107 22 GY
Z8 10 BK/VT
1
10 C2
4WD SWITCH
(8W-31-5)
2
4WD INDICATOR
INDICATOR DRIVER
INSTRUMENT CLUSTER
(8W-40-6)
G101
(8W-15-5)

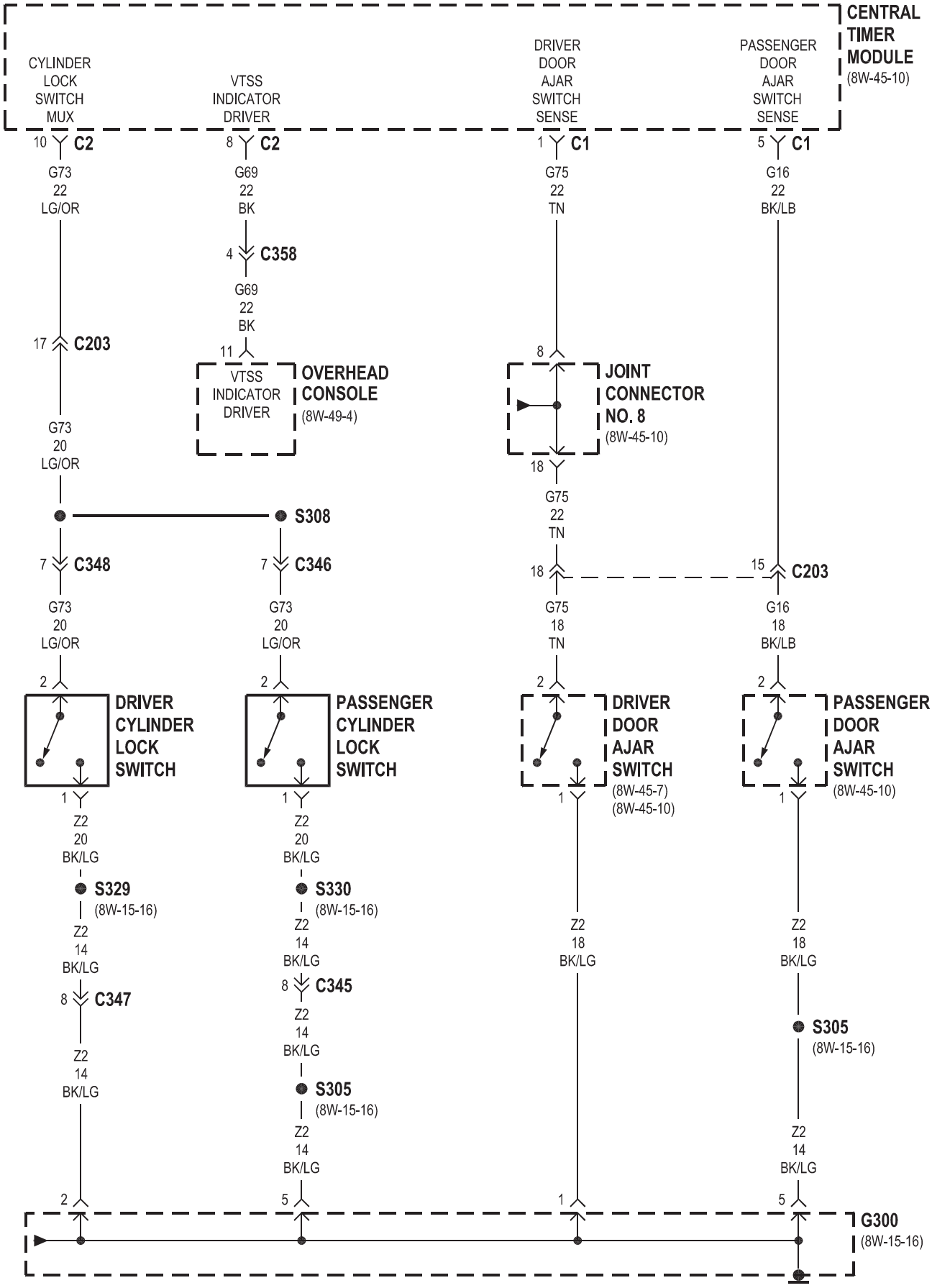

CONTROLLER ANTILOCK BRAKE
VEHICLE SPEED SENSOR SIGNAL
BRAKE SWITCH SENSE
RED BRAKE WARNING INDICATOR DRIVER
12 C1
9 C1
11 C1
V40 20 WT/PK
G9 20 GY/BK
1
JOINT CONNECTOR NO. 1 (IN PDC)
2
3
G7 20 WT/OR
V40 22 WT/PK
V40 22 WT/PK
2
BRAKE PRESSURE SWITCH
33
11 C130
47 C134
1
GAS
DIESEL
GAS
DIESEL
V40 22 WT/PK
Z1 20 BK
G7 18 WT/OR
V40 18 WT/PK
6
BRAKE LAMP SWITCH (8W-51-3)
G7 18 WT/OR
S174 (8W-30-38)
V40 18 WT/PK
S111 (8W-30-37)
5
S151 (8W-15-3)
G7 18 WT/OR
V40 18 WT/PK
V40 18 WT/PK
11 C126
G7 18 WT/OR
V40 18 WT/PK
V32 18 YL/RD
Z2 22 BK/LG
Z1 18 BK
27 C2
24 C3
24
VEHICLE SPEED SENSOR SIGNAL
BRAKE SWITCH SENSE
POWERTRAIN CONTROL MODULE (8W-30-8) (8W-30-13) (8W-30-38)
BRAKE SWITCH SENSE
ENGINE CONTROL MODULE (8W-30-37)
G200 (8W-15-12)
G100 (8W-15-5) (8W-15-7)

8W-39 VEHICLE THEFT SECURITY SYSTEM

Component	Page
Central Timer Module	8W-39-2, 3, 4
Clockspring	8W-39-3
Daytime Running Lamp Module	8W-39-2
Driver Cylinder Lock Switch	8W-39-4
Driver Door Ajar Switch	8W-39-4
Fuse G (PDC)	8W-39-2
Fuse H (PDC)	8W-39-3
G100	8W-39-3
G102	8W-39-2
G300	8W-39-4
Headlamp Beam Select Switch	8W-39-2
High Note Horn	8W-39-3
Horn Relay	8W-39-3
Horn Switch	8W-39-3
Joint Connector No. 1	8W-39-2, 3
Joint Connector No. 6	8W-39-3
Joint Connector No. 8	8W-39-4
Left Outboard Headlamp	8W-39-2
Low Note Horn	8W-39-3
Overhead Console	8W-39-4
Passenger Cylinder Lock Switch	8W-39-4
Passenger Door Ajar Switch	8W-39-4
Power Distribution Center	8W-39-2, 3
Right Outboard Headlamp	8W-39-2
Security Relay	8W-39-2

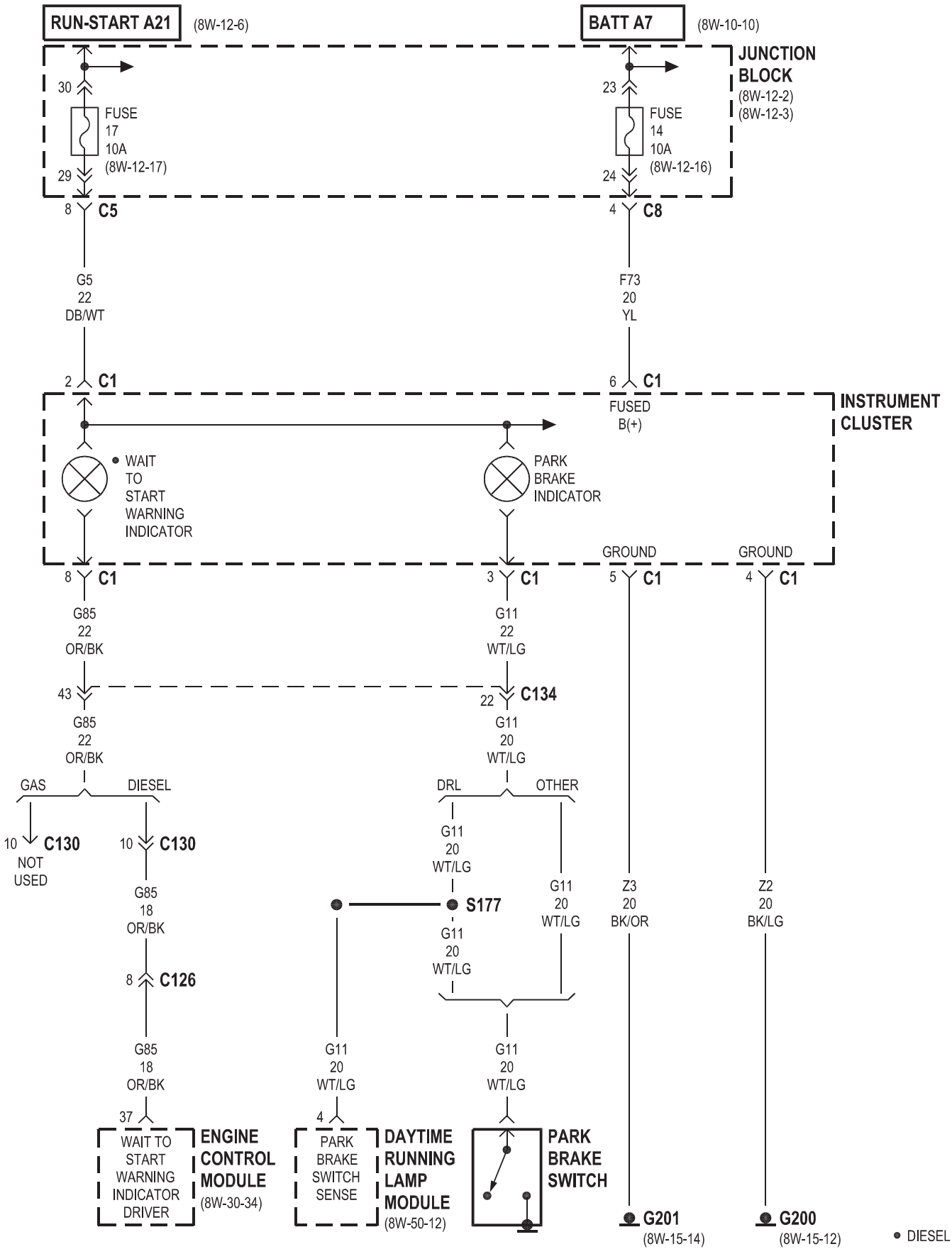

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE G 15A
(8W-10-25)
G
L34 20 RD/OR
OTHER
DRL
L34 20 RD/OR
L34 20 RD/OR
S143
(8W-10-25)
A
B
LEFT OUTBOARD HEADLAMP
(8W-50-4)
A
B
C
RIGHT OUTBOARD HEADLAMP
(8W-50-4)
19
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI - FUNCTION SWITCH)
1 LOW
2 HIGH
3 FLASH
(8W-50-4)
18
L4 18 VT/WT
16
C134
DIMMER SWITCH LOW BEAM OUTPUT
DAYTIME RUNNING LAMP MODULE
(8W-50-13)
10
L4 20 VT/WT
L4 16 VT/WT
L4 18 VT/WT
L4 18 VT/WT
6
5
4
8
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-25)
7
L34 20 RD/OR
L4 20 VT/WT
86
87
SECURITY RELAY (IN PDC)
85
30
G50 22 RD/DB
Z1 16 BK
53
C134
26
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
G50 22 RD/DB
6
C2
22
Z1 18 BK
SECURITY RELAY CONTROL
CENTRAL TIMER MODULE (HIGHLINE)
(8W-45-3)
G102
(8W-15-2)
EXCEPT QUAD HEADLAMPS
QUAD HEADLAMPS

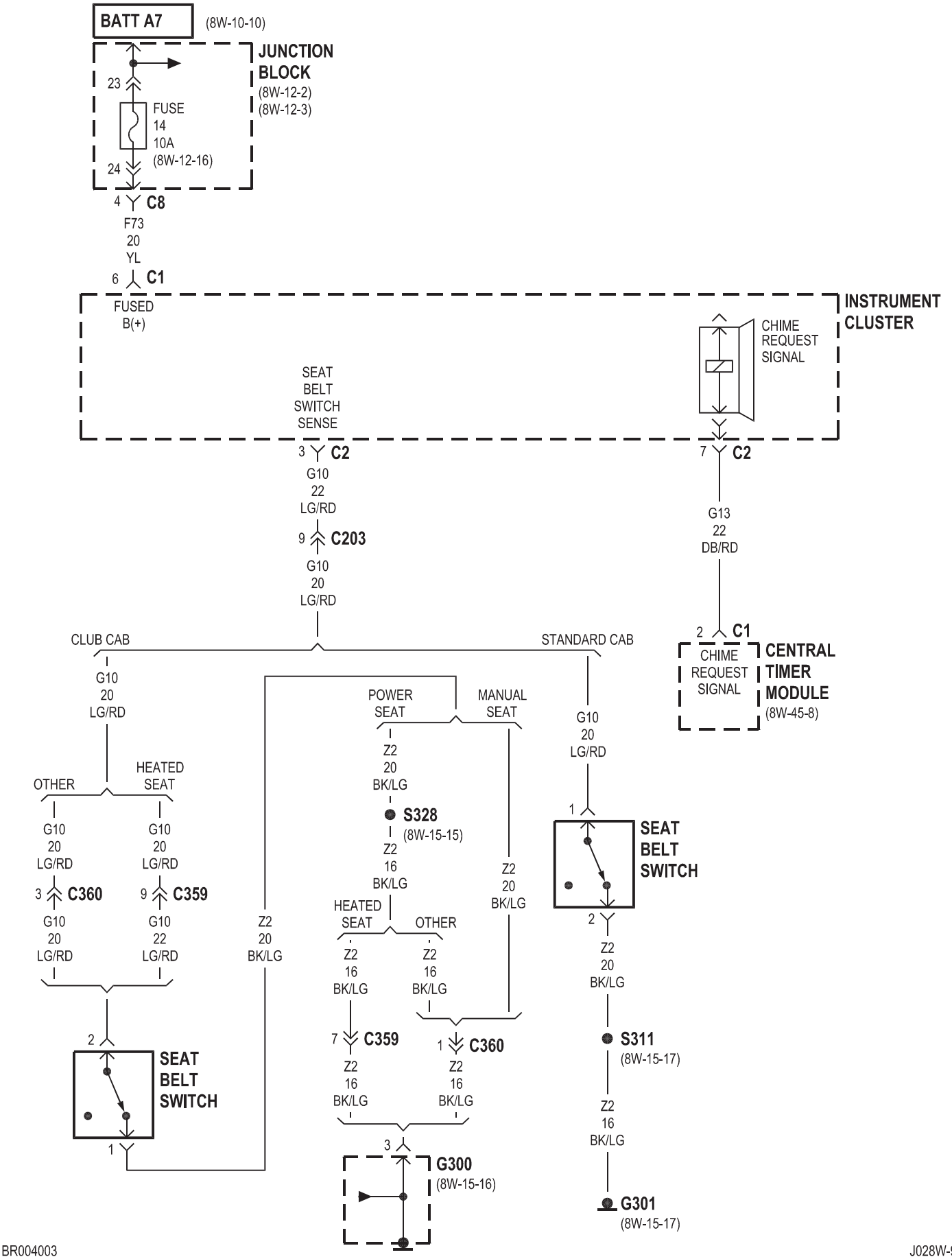

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
H
20A
(8W-10-26)
H
30
86
HORN RELAY
(8W-41-2)
87
85
X2
18
DG/RD
X3
22
BK/RD
25
C134
12
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-26)
CTM
OTHER
X3
20
BK/RD
11
JOINT CONNECTOR NO. 6
(8W-10-26)
13
14
X2
18
DG/RD
X2
18
DG/RD
X3
20
BK/RD
10
12
X3
20
BK/RD
X3
20
BK/RD
1
HIGH NOTE HORN
(8W-41-2)
1
LOW NOTE HORN
(8W-41-2)
2
2
5
C1
CLOCKSPRING
(8W-41-2)
18
C2
HORN RELAY CONTROL
CENTRAL TIMER MODULE
(8W-45-4)
Z1
18
BK
Z1
18
BK
S150
(8W-15-7)
HORN SWITCH
1 LEFT HORN
2 RIGHT HORN
(8W-41-2)
1
2
Z1
20
BK
G100
(8W-15-7)

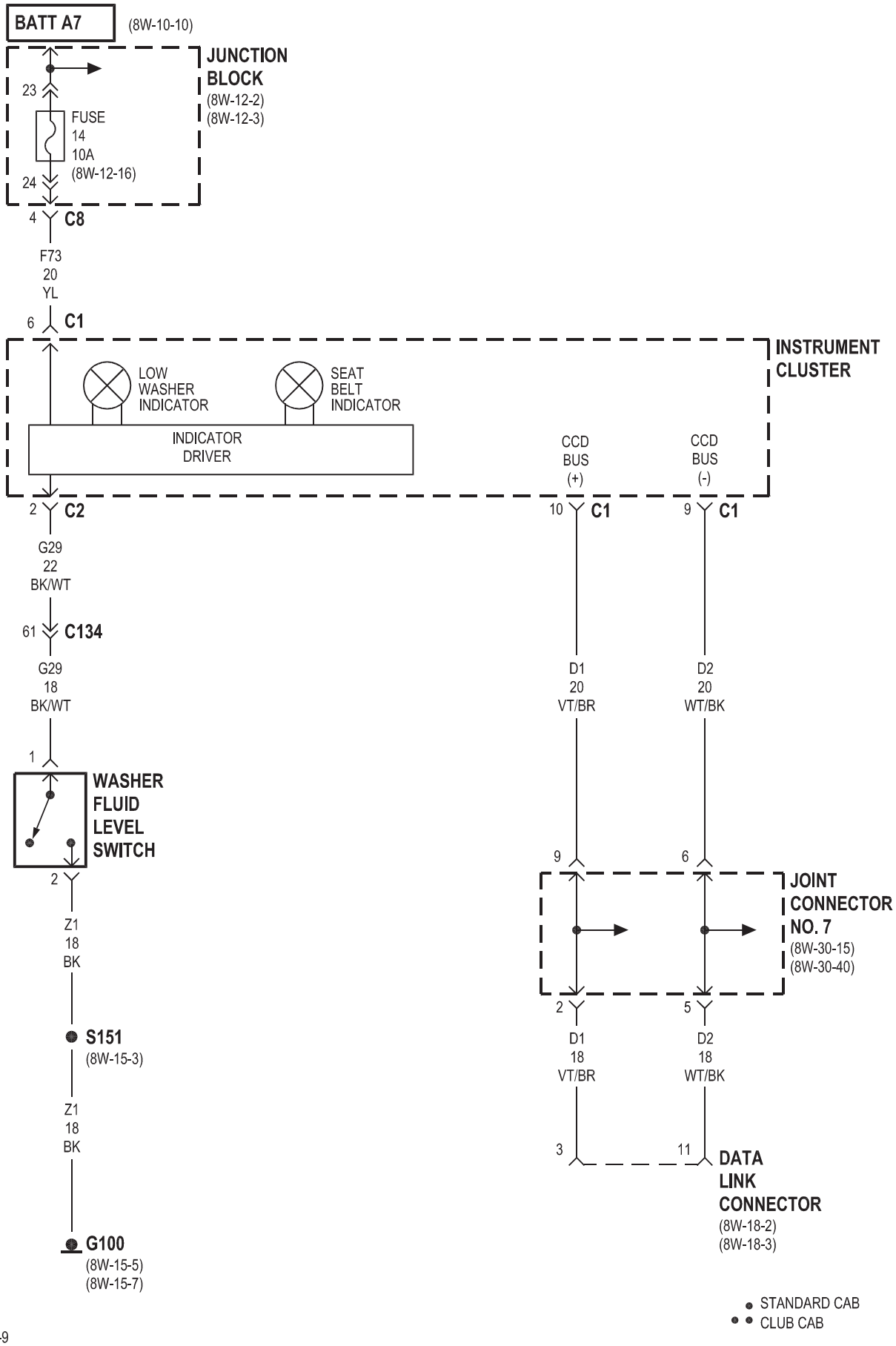

CENTRAL TIMER MODULE
(8W-45-10)
CYLINDER LOCK SWITCH MUX
VTSS INDICATOR DRIVER
DRIVER DOOR AJAR SWITCH SENSE
PASSENGER DOOR AJAR SWITCH SENSE
10 C2
8 C2
1 C1
5 C1
G73 22 LG/OR
G69 22 BK
G75 22 TN
G16 22 BK/LB
4 C358
G69 22 BK
17 C203
11
VTSS INDICATOR DRIVER
OVERHEAD CONSOLE
(8W-49-4)
8
JOINT CONNECTOR NO. 8
(8W-45-10)
18
G75 22 TN
G73 20 LG/OR
S308
7 C348
7 C346
18
15 C203
G75 18 TN
G16 18 BK/LB
G73 20 LG/OR
2
DRIVER CYLINDER LOCK SWITCH
PASSENGER CYLINDER LOCK SWITCH
DRIVER DOOR AJAR SWITCH
(8W-45-7)
(8W-45-10)
PASSENGER DOOR AJAR SWITCH
(8W-45-10)
1
Z2 20 BK/LG
S329
(8W-15-16)
S330
(8W-15-16)
Z2 14 BK/LG
Z2 18 BK/LG
8 C347
8 C345
S305
(8W-15-16)
G300
(8W-15-16)

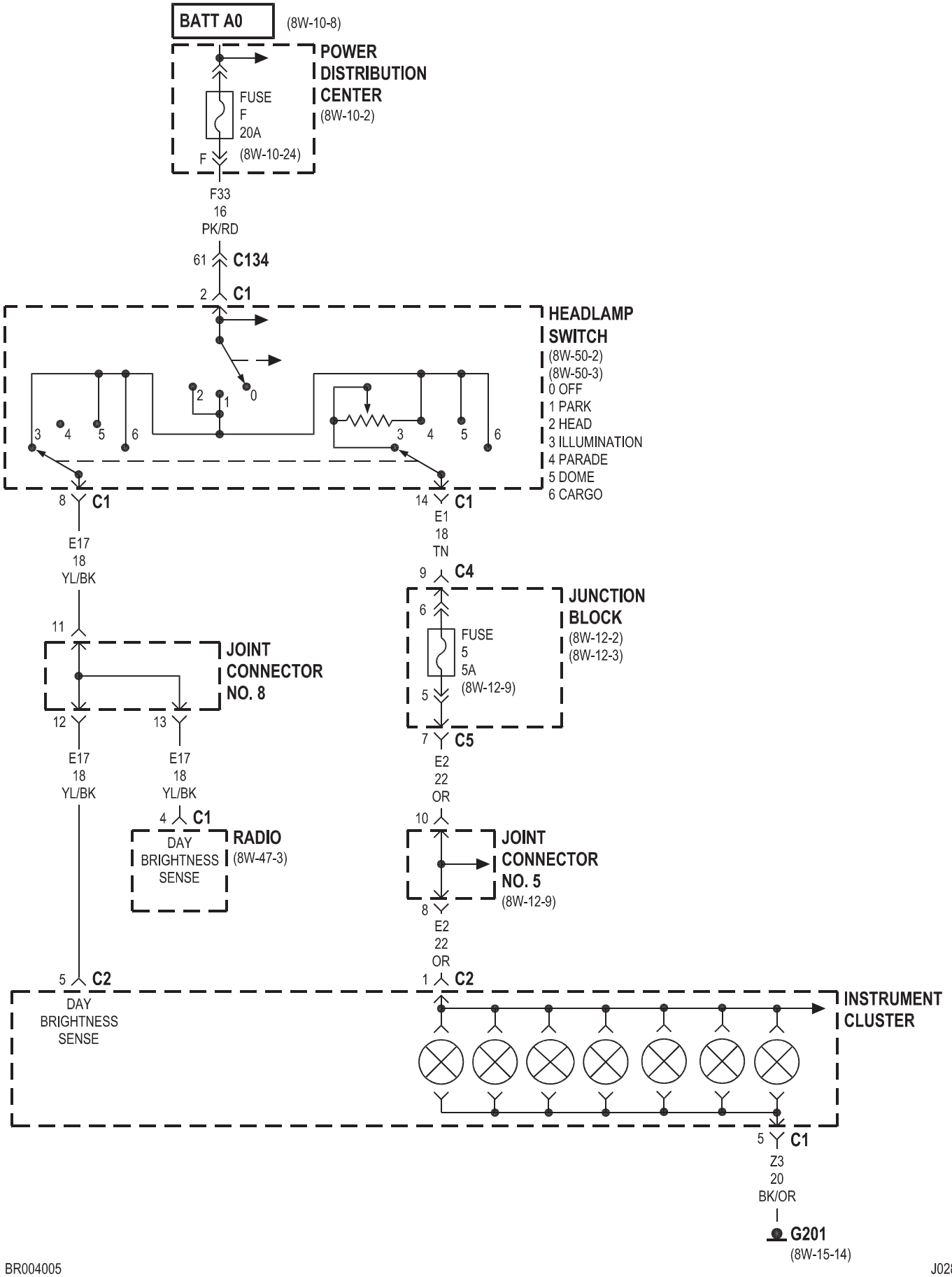
8W-40 INSTRUMENT CLUSTER

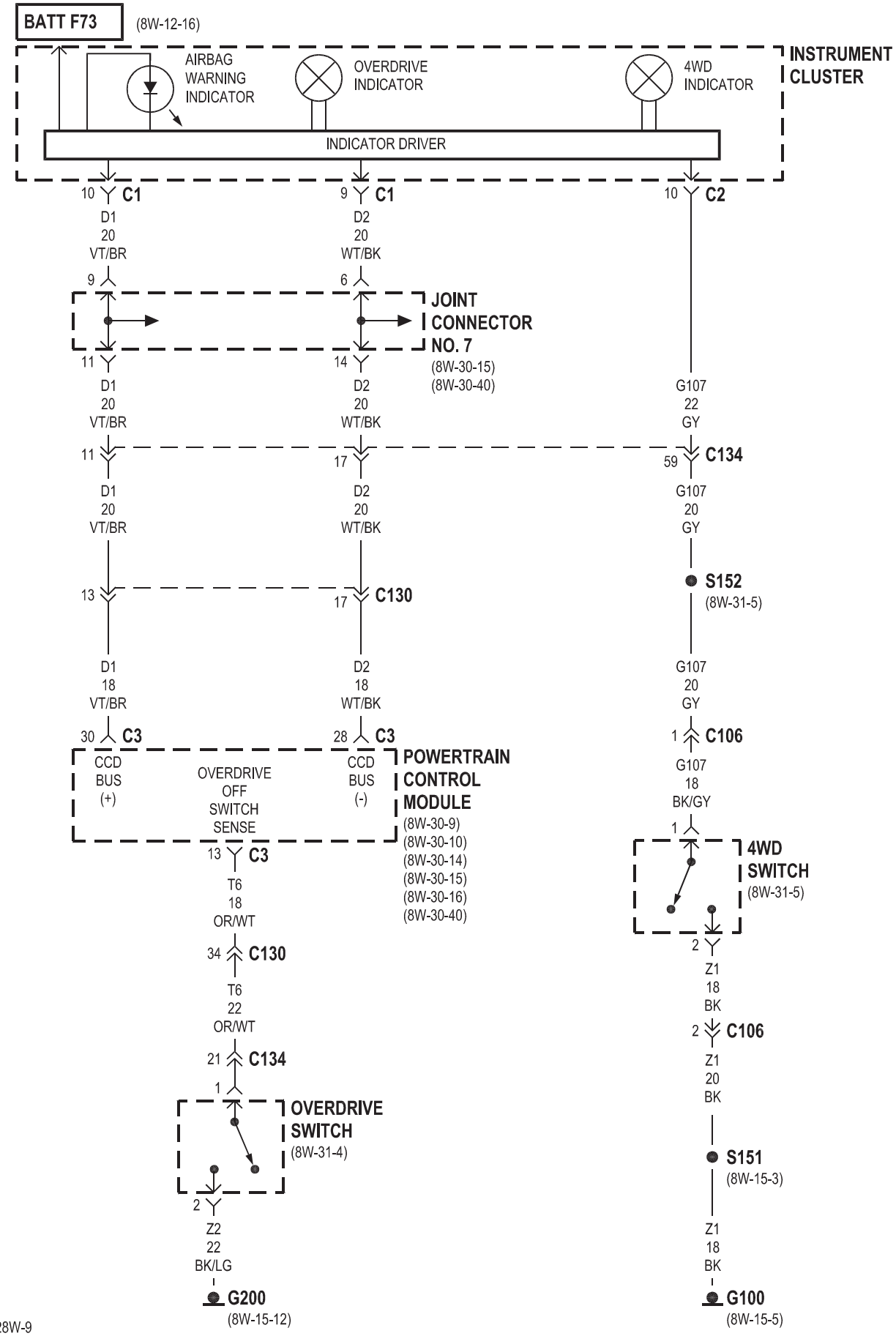
Component	Page
Central Timer Module	8W-40-3
Data Link Connector	8W-40-4
Daytime Running Lamp Module	8W-40-2, 7
Engine Control Module	8W-40-2
Fuse 5 (JB)	8W-40-5
Fuse 14 (JB)	8W-40-2, 3, 4, 7
Fuse 17 (JB)	8W-40-2
Fuse F (PDC)	8W-40-5
G100	8W-40-4, 6
G200	8W-40-2, 6
G201	8W-40-2, 5, 7
G300	8W-40-3
G301	8W-40-3
Headlamp Beam Select Switch	8W-40-7
Headlamp Switch	8W-40-5
Instrument Cluster	8W-40-2, 3, 4, 5, 6, 7
Joint Connector No. 5	8W-40-5
Joint Connector No. 7	8W-40-4, 6
Joint Connector No. 8	8W-40-5
Junction Block	8W-40-2, 3, 4, 5, 7
Overdrive Switch	8W-40-6
Park Brake Switch	8W-40-2
Power Distribution Center	8W-40-5
Powertrain Control Module	8W-40-6
Radio	8W-40-5
Seat Belt Switch	8W-40-3
Turn Signal/Hazard Switch	8W-40-7
Washer Fluid Level Switch	8W-40-4

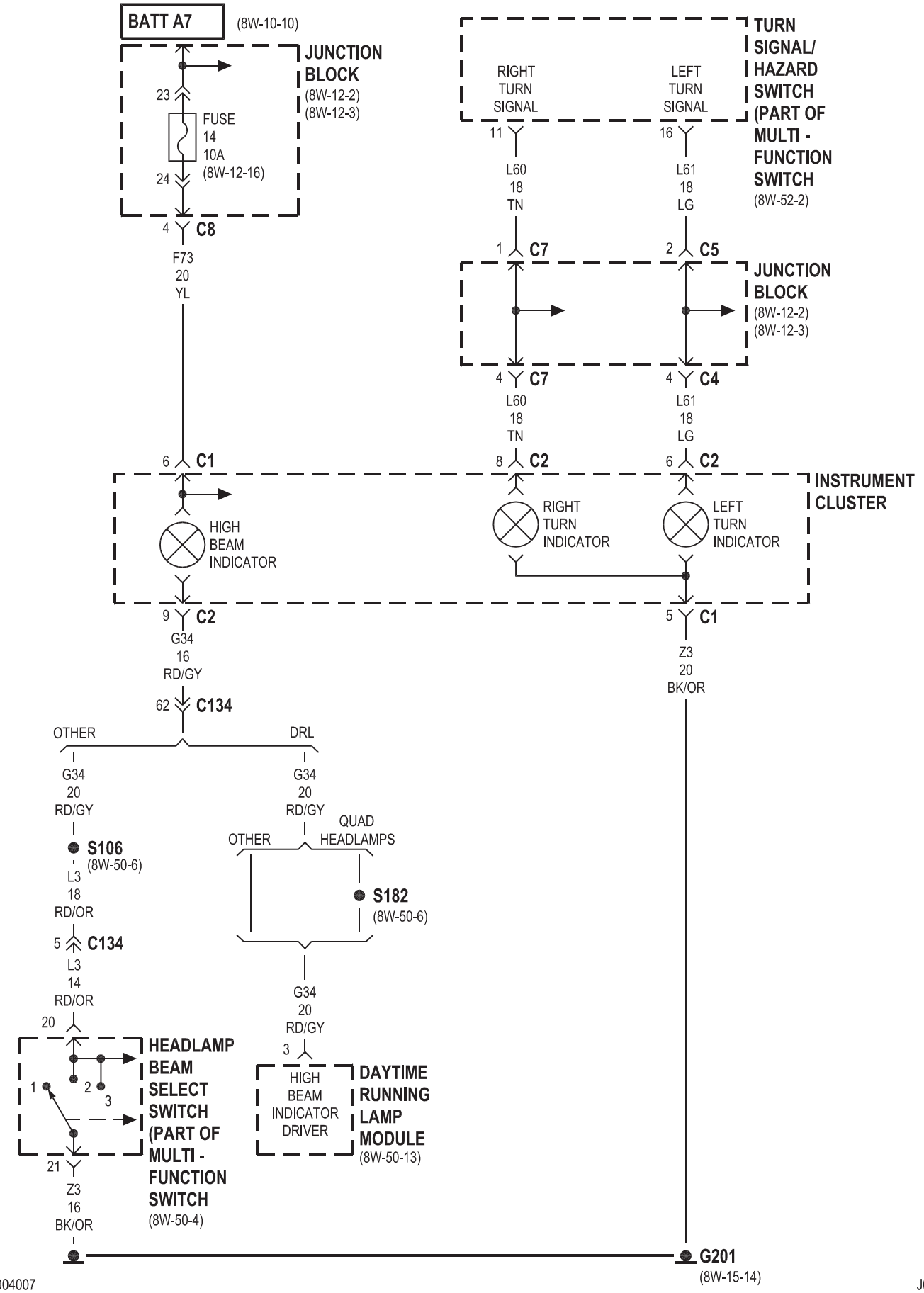

RUN-START A21
(8W-12-6)
BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
30
FUSE 17 10A
(8W-12-17)
29
23
FUSE 14 10A
(8W-12-16)
24
8 C5
4 C8
G5 22 DB/WT
F73 20 YL
2 C1
6 C1
FUSED B(+)
INSTRUMENT CLUSTER
WAIT TO START WARNING INDICATOR
PARK BRAKE INDICATOR
GROUND
GROUND
8 C1
3 C1
5 C1
4 C1
G85 22 OR/BK
G11 22 WT/LG
43
22 C134
G85 22 OR/BK
G11 20 WT/LG
GAS
DIESEL
DRL
OTHER
10 C130
NOT USED
10 C130
G85 18 OR/BK
8 C126
G85 18 OR/BK
37
G11 20 WT/LG
S177
G11 20 WT/LG
G11 20 WT/LG
G11 20 WT/LG
Z3 20 BK/OR
Z2 20 BK/LG
4
G11 20 WT/LG
G11 20 WT/LG
WAIT TO START WARNING INDICATOR DRIVER
ENGINE CONTROL MODULE
(8W-30-34)
PARK BRAKE SWITCH SENSE
DAYTIME RUNNING LAMP MODULE
(8W-50-12)
PARK BRAKE SWITCH
G201
(8W-15-14)
G200
(8W-15-12)
DIESEL


BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
23
FUSE
14
10A
(8W-12-16)
24
4 C8
F73
20
YL
6 C1
FUSED
B(+)
INSTRUMENT CLUSTER
CHIME REQUEST SIGNAL
SEAT BELT SWITCH SENSE
3 C2
G10
22
LG/RD
9 C203
G10
20
LG/RD
7 C2
G13
22
DB/RD
2 C1
CHIME REQUEST SIGNAL
CENTRAL TIMER MODULE
(8W-45-8)
CLUB CAB
STANDARD CAB
G10
20
LG/RD
OTHER
HEATED SEAT
G10
20
LG/RD
G10
20
LG/RD
3 C360
9 C359
G10
20
LG/RD
G10
22
LG/RD
2
SEAT BELT SWITCH
1
Z2
20
BK/LG
POWER SEAT
MANUAL SEAT
Z2
20
BK/LG
S328
(8W-15-15)
Z2
16
BK/LG
HEATED SEAT
OTHER
Z2
16
BK/LG
Z2
16
BK/LG
7 C359
1 C360
Z2
16
BK/LG
Z2
16
BK/LG
3
G300
(8W-15-16)
G10
20
LG/RD
1
SEAT BELT SWITCH
2
Z2
20
BK/LG
S311
(8W-15-17)
Z2
16
BK/LG
G301
(8W-15-17)


BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
23
FUSE 14 10A
(8W-12-16)
24
4 C8
F73 20 YL
6 C1
INSTRUMENT CLUSTER
LOW WASHER INDICATOR
SEAT BELT INDICATOR
INDICATOR DRIVER
CCD BUS (+)
CCD BUS (-)
2 C2
10 C1
9 C1
G29 22 BK/WT
61 C134
G29 18 BK/WT
D1 20 VT/BR
D2 20 WT/BK
1
WASHER FLUID LEVEL SWITCH
2
Z1 18 BK
S151
(8W-15-3)
Z1 18 BK
G100
(8W-15-5)
(8W-15-7)
9
6
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
2
5
D1 18 VT/BR
D2 18 WT/BK
3
11
DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
STANDARD CAB
CLUB CAB

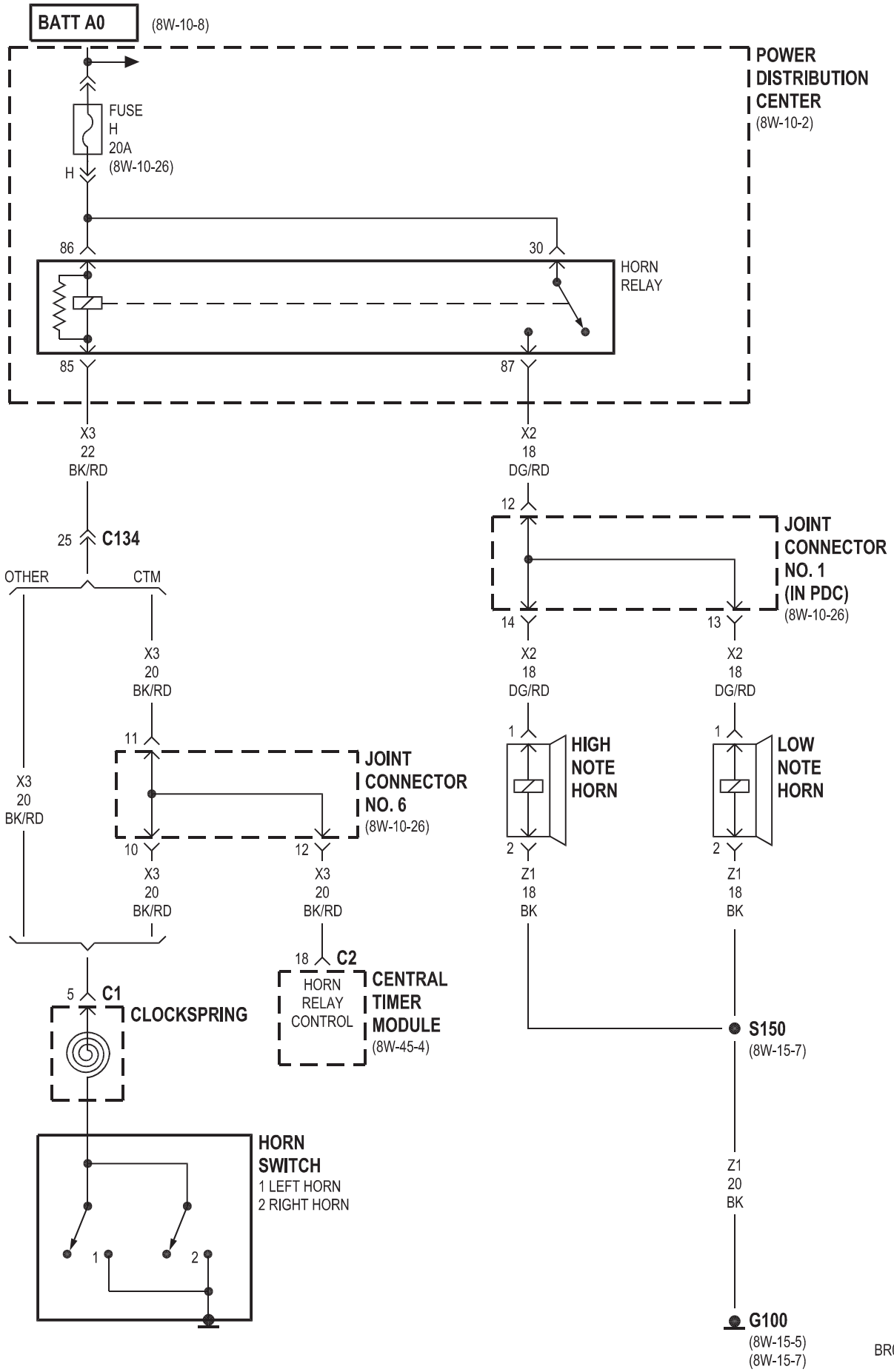

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE F 20A
F
(8W-10-24)
F33
16
PK/RD
61 C134
2 C1
HEADLAMP SWITCH
(8W-50-2)
(8W-50-3)
0 OFF
1 PARK
2 HEAD
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
8 C1
E17
18
YL/BK
14 C1
E1
18
TN
9 C4
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE 5 5A
(8W-12-9)
7 C5
E2
22
OR
11
JOINT CONNECTOR NO. 8
12
13
E17
18
YL/BK
E17
18
YL/BK
4 C1
DAY BRIGHTNESS SENSE
RADIO
(8W-47-3)
10
JOINT CONNECTOR NO. 5
(8W-12-9)
8
E2
22
OR
5 C2
DAY BRIGHTNESS SENSE
1 C2
INSTRUMENT CLUSTER
5 C1
Z3
20
BK/OR
G201
(8W-15-14)

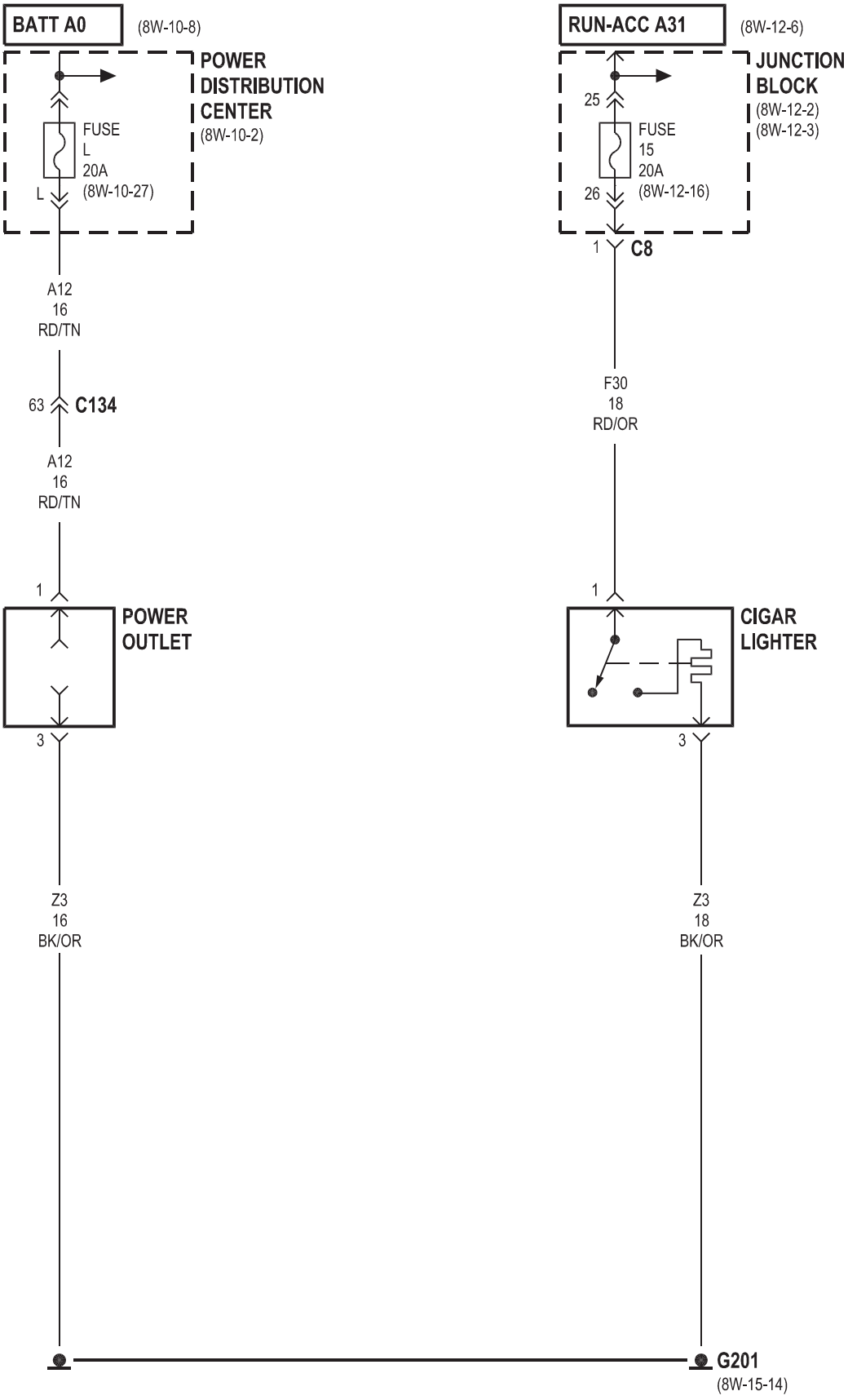

BATT F73
(8W-12-16)
INSTRUMENT CLUSTER
AIRBAG WARNING INDICATOR
OVERDRIVE INDICATOR
4WD INDICATOR
INDICATOR DRIVER
10 C1
D1 20 VT/BR
9
9 C1
D2 20 WT/BK
6
10 C2
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
11
D1 20 VT/BR
14
D2 20 WT/BK
G107 22 GY
11
D1 20 VT/BR
17
D2 20 WT/BK
59 C134
G107 20 GY
S152
(8W-31-5)
13
D1 18 VT/BR
17 C130
D2 18 WT/BK
G107 20 GY
30 C3
28 C3
1 C106
G107 18 BK/GY
CCD BUS (+)
OVERDRIVE OFF SWITCH SENSE
CCD BUS (-)
POWERTRAIN CONTROL MODULE
(8W-30-9)
(8W-30-10)
(8W-30-14)
(8W-30-15)
(8W-30-16)
(8W-30-40)
1
4WD SWITCH
(8W-31-5)
13 C3
T6 18 OR/WT
2
Z1 18 BK
34 C130
T6 22 OR/WT
2 C106
Z1 20 BK
21 C134
1
S151
(8W-15-3)
OVERDRIVE SWITCH
(8W-31-4)
2
Z2 22 BK/LG
Z1 18 BK
G200
(8W-15-12)
G100
(8W-15-5)


BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
23
FUSE 14 10A
(8W-12-16)
24
4 C8
F73 20 YL
6 C1
HIGH BEAM INDICATOR
9 C2
G34 16 RD/GY
62 C134
OTHER
DRL
G34 20 RD/GY
S106
(8W-50-6)
L3 18 RD/OR
5 C134
L3 14 RD/OR
20
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI - FUNCTION SWITCH
(8W-50-4)
1
2
3
21
Z3 16 BK/OR
G34 20 RD/GY
QUAD HEADLAMPS
OTHER
S182
(8W-50-6)
G34 20 RD/GY
3
HIGH BEAM INDICATOR DRIVER
DAYTIME RUNNING LAMP MODULE
(8W-50-13)
TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI - FUNCTION SWITCH
(8W-52-2)
RIGHT TURN SIGNAL
LEFT TURN SIGNAL
11
16
L60 18 TN
L61 18 LG
1 C7
2 C5
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
4 C7
4 C4
L60 18 TN
L61 18 LG
8 C2
6 C2
INSTRUMENT CLUSTER
RIGHT TURN INDICATOR
LEFT TURN INDICATOR
5 C1
Z3 20 BK/OR
G201
(8W-15-14)

8W-41 HORN/CIGAR LIGHTER/POWER OUTLET

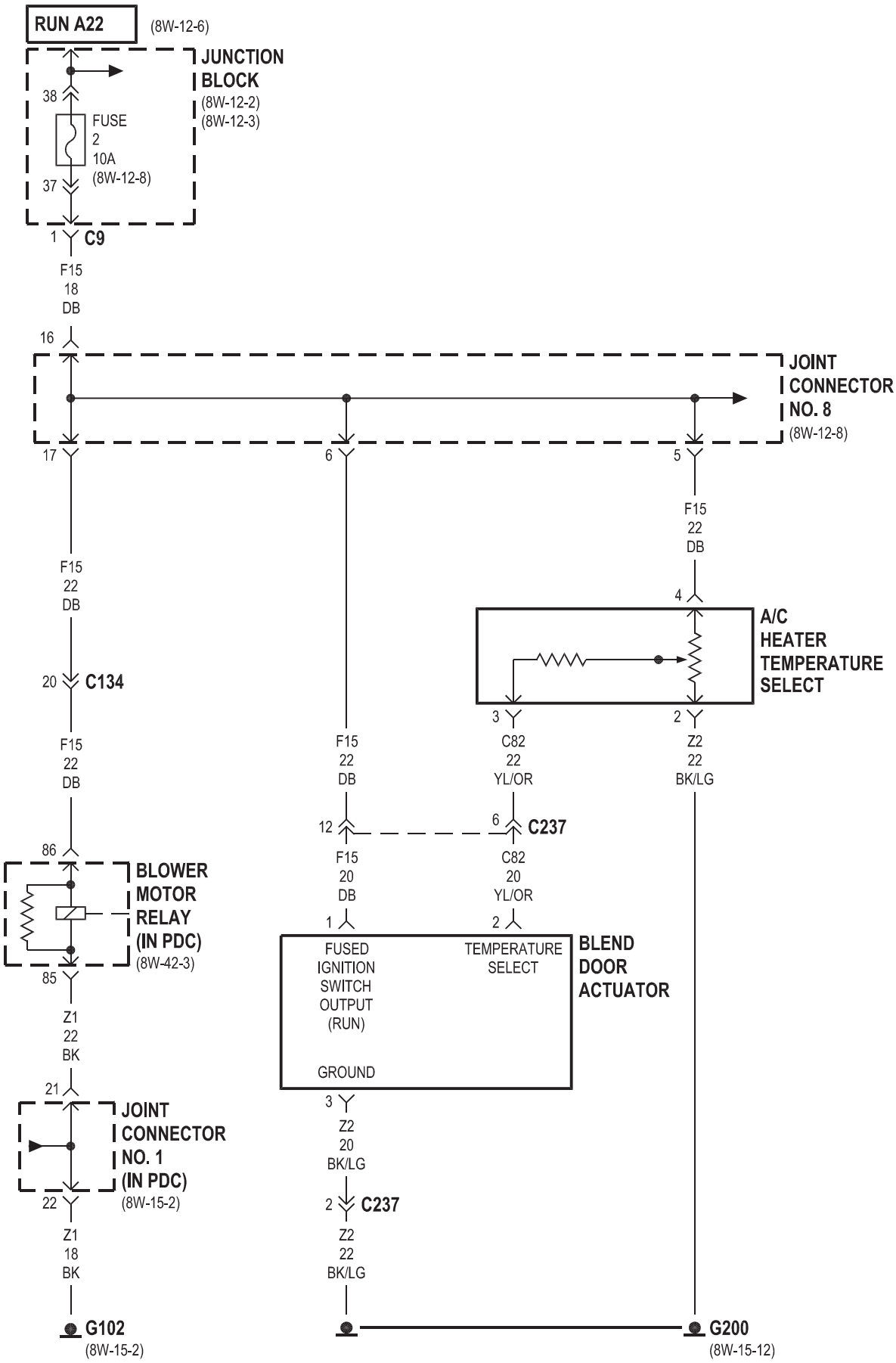
Component	Page
Central Timer Module	8W-41-2
Cigar Lighter	8W-41-3
Clockspring	8W-41-2
Fuse 15 (JB)	8W-41-3
Fuse H (PDC)	8W-41-2
Fuse L (PDC)	8W-41-3
G100	8W-41-2
G201	8W-41-3
High Note Horn	8W-41-2
Horn Relay	8W-41-2
Horn Switch	8W-41-2
Joint Connector No. 1	8W-41-2
Joint Connector No. 6	8W-41-2
Junction Block	8W-41-3
Low Note Horn	8W-41-2
Power Distribution Center	8W-41-2, 3
Power Outlet	8W-41-3

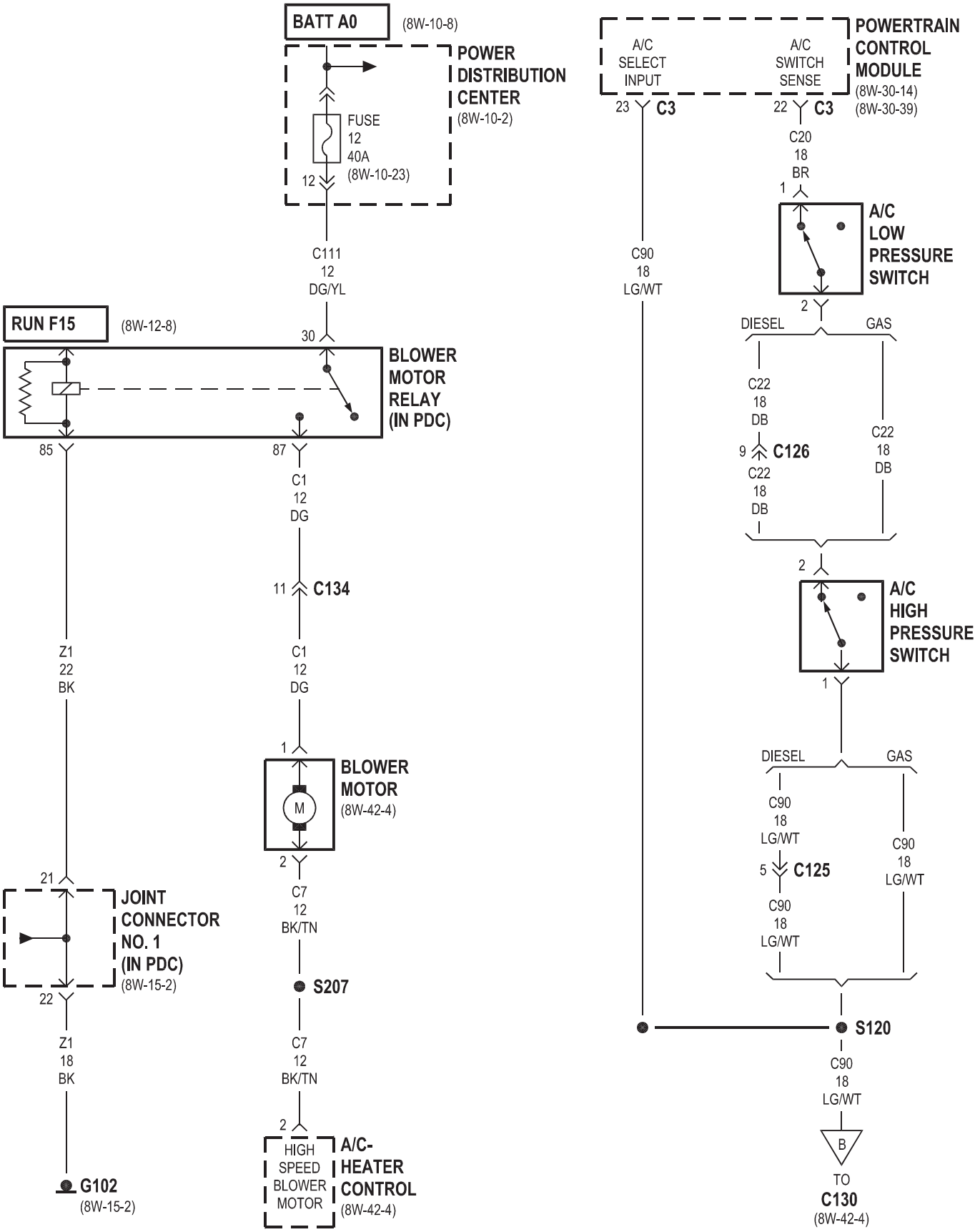

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
H
20A
(8W-10-26)
H
86
30
HORN RELAY
85
87
X3
22
BK/RD
X2
18
DG/RD
12
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-26)
14
13
25
C134
OTHER
CTM
X3
20
BK/RD
X2
18
DG/RD
X2
18
DG/RD
11
JOINT CONNECTOR NO. 6
(8W-10-26)
1
HIGH NOTE HORN
1
LOW NOTE HORN
X3
20
BK/RD
10
12
2
2
X3
20
BK/RD
X3
20
BK/RD
Z1
18
BK
Z1
18
BK
18
C2
HORN RELAY CONTROL
CENTRAL TIMER MODULE
(8W-45-4)
5
C1
CLOCKSPRING
S150
(8W-15-7)
HORN SWITCH
1 LEFT HORN
2 RIGHT HORN
Z1
20
BK
1
2
G100
(8W-15-5)
(8W-15-7)

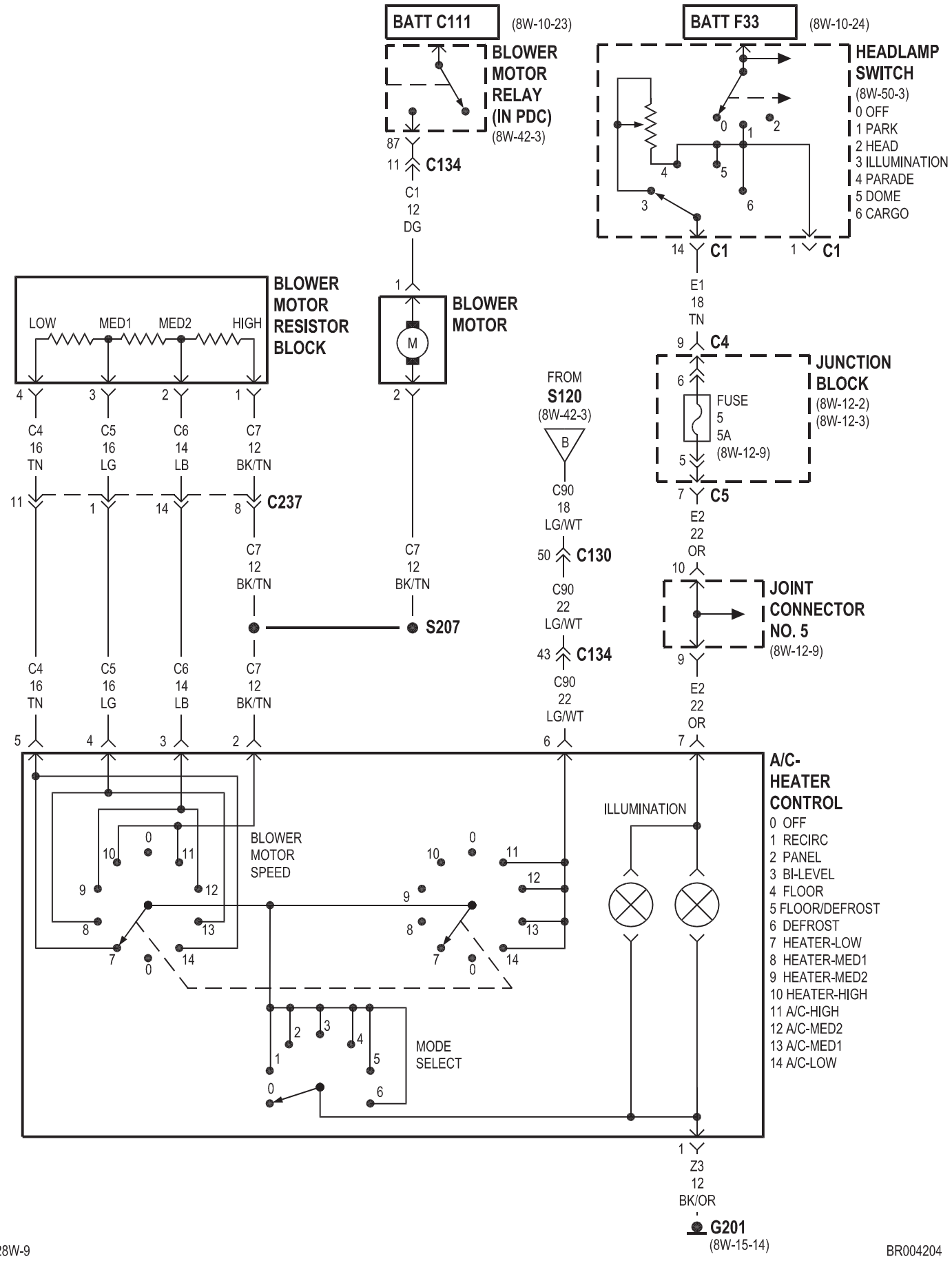

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
L
20A
(8W-10-27)
L
A12
16
RD/TN
63
C134
A12
16
RD/TN
1
POWER OUTLET
3
Z3
16
BK/OR
RUN-ACC A31
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
25
FUSE
15
20A
(8W-12-16)
26
1
C8
F30
18
RD/OR
1
CIGAR LIGHTER
3
Z3
18
BK/OR
G201
(8W-15-14)

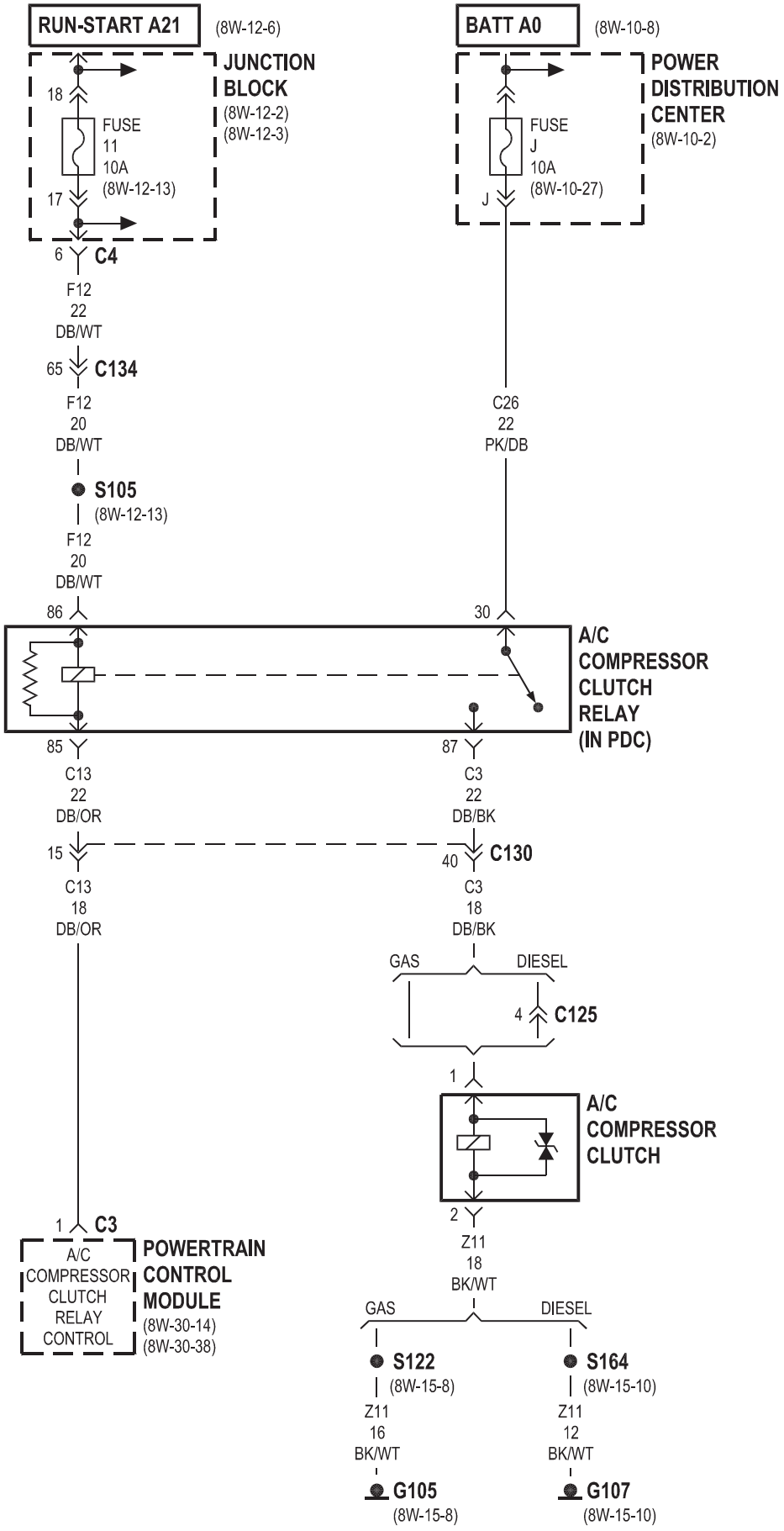
8W-42 AIR CONDITIONING-HEATER

Component	Page
A/C Compressor Clutch	8W-42-5
A/C Compressor Clutch Relay	8W-42-5
A/C Heater Temperature Select	8W-42-2
A/C High Pressure Switch	8W-42-3
A/C Low Pressure Switch	8W-42-3
A/C-Heater Control	8W-42-3, 4
Blend Door Actuator	8W-42-2
Blower Motor	8W-42-3, 4
Blower Motor Relay	8W-42-2, 3, 4
Blower Motor Resistor Block	8W-42-4
Fuse 2 (JB)	8W-42-2
Fuse 5 (JB)	8W-42-4
Fuse 11 (JB)	8W-42-5
Fuse 12 (PDC)	8W-42-3
Fuse J (PDC)	8W-42-5
G102	8W-42-2, 3
G105	8W-42-5
G107	8W-42-5
G200	8W-42-2
G201	8W-42-4
Headlamp Switch	8W-42-4
Joint Connector No. 1	8W-42-2, 3
Joint Connector No. 5	8W-42-4
Joint Connector No. 8	8W-42-2
Junction Block	8W-42-2, 4, 5
Power Distribution Center	8W-42-3, 5
Powertrain Control Module	8W-42-3, 5


RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
38
FUSE 2 10A
(8W-12-8)
37
1
C9
F15 18 DB
16
JOINT CONNECTOR NO. 8
(8W-12-8)
17
6
5
F15 22 DB
F15 22 DB
4
A/C HEATER TEMPERATURE SELECT
20
C134
3
2
F15 22 DB
C82 22 YL/OR
Z2 22 BK/LG
12
6
C237
F15 20 DB
C82 20 YL/OR
86
BLOWER MOTOR RELAY (IN PDC)
(8W-42-3)
1
2
FUSED IGNITION SWITCH OUTPUT (RUN)
TEMPERATURE SELECT
BLEND DOOR ACTUATOR
GROUND
85
Z1 22 BK
21
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
3
Z2 20 BK/LG
22
2
C237
Z1 18 BK
Z2 22 BK/LG
G102
(8W-15-2)
G200
(8W-15-12)

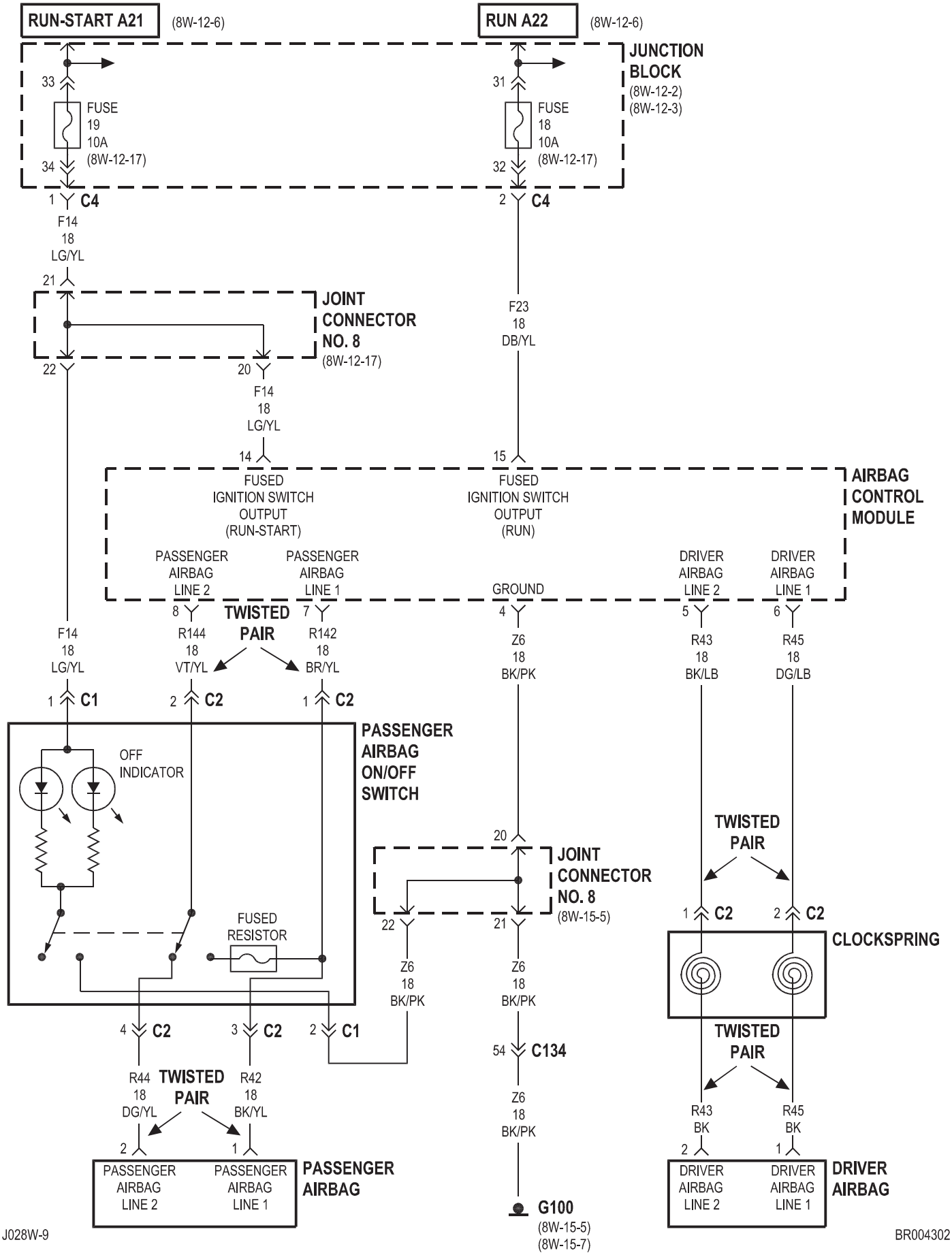

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 12 40A
(8W-10-23)
12
C111 12 DG/YL
RUN F15
(8W-12-8)
30
BLOWER MOTOR RELAY (IN PDC)
85
87
C1 12 DG
11 C134
C1 12 DG
1
BLOWER MOTOR
(8W-42-4)
M
2
C7 12 BK/TN
S207
C7 12 BK/TN
2
HIGH SPEED BLOWER MOTOR
A/C-HEATER CONTROL
(8W-42-4)
Z1 22 BK
21
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
22
Z1 18 BK
G102
(8W-15-2)
A/C SELECT INPUT
A/C SWITCH SENSE
POWERTRAIN CONTROL MODULE
(8W-30-14)
(8W-30-39)
23 C3
22 C3
C90 18 LG/WT
C20 18 BR
1
A/C LOW PRESSURE SWITCH
2
DIESEL
GAS
C22 18 DB
9 C126
C22 18 DB
C22 18 DB
2
A/C HIGH PRESSURE SWITCH
1
DIESEL
GAS
C90 18 LG/WT
5 C125
C90 18 LG/WT
C90 18 LG/WT
C90 18 LG/WT
S120
C90 18 LG/WT
B
TO C130
(8W-42-4)

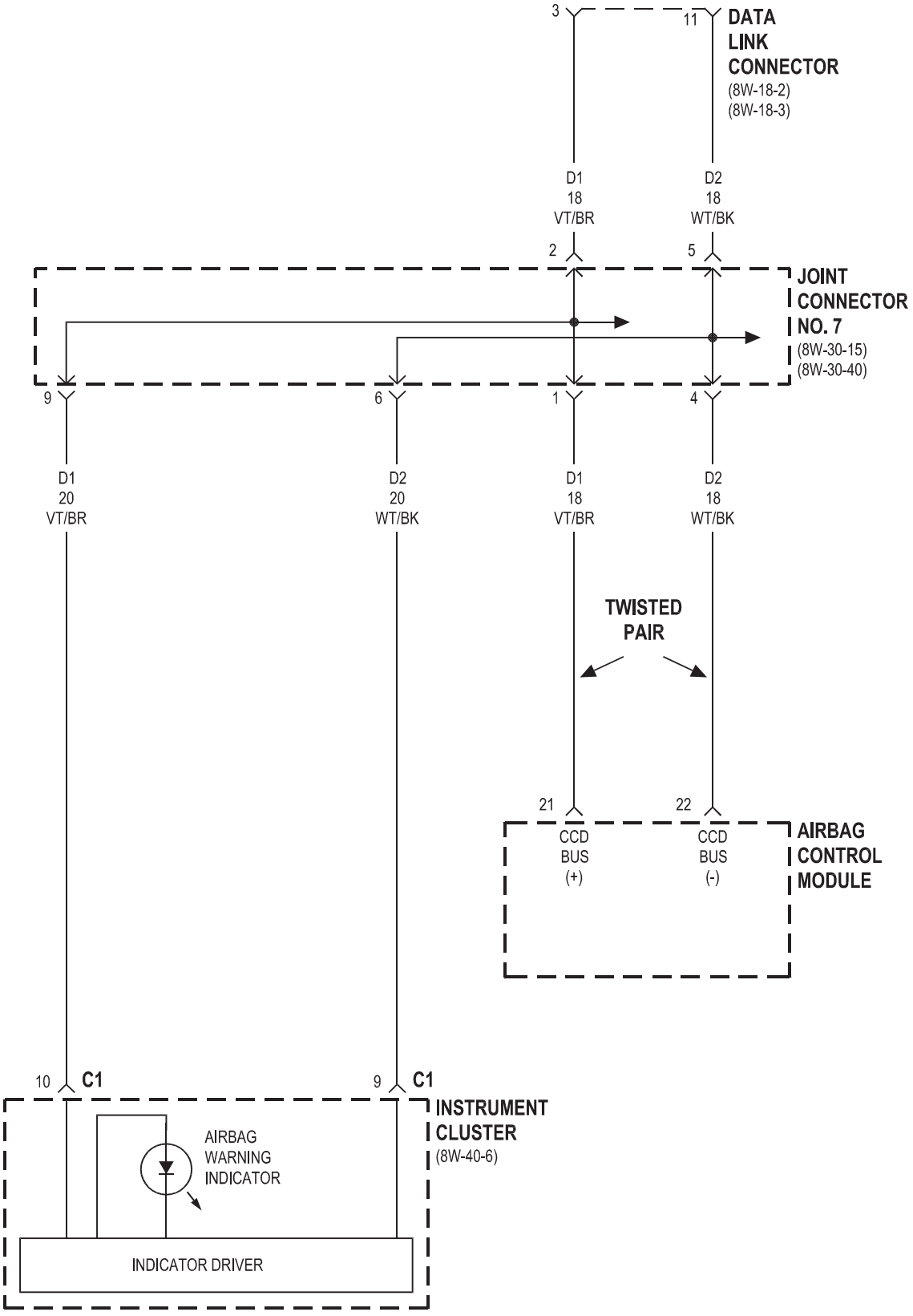

BATT C111
(8W-10-23)
BLOWER MOTOR RELAY (IN PDC)
(8W-42-3)
87
11
C134
C1
12
DG
BATT F33
(8W-10-24)
HEADLAMP SWITCH
(8W-50-3)
0 OFF
1 PARK
2 HEAD
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
14
C1
1
C1
E1
18
TN
9
C4
BLOWER MOTOR RESISTOR BLOCK
LOW
MED1
MED2
HIGH
BLOWER MOTOR
M
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
6
FUSE
5
5A
(8W-12-9)
5
7
C5
FROM
S120
(8W-42-3)
B
C90
18
LG/WT
50
C130
C90
22
LG/WT
43
C134
C90
22
LG/WT
6
E2
22
OR
10
JOINT CONNECTOR NO. 5
(8W-12-9)
9
E2
22
OR
7
C4
16
TN
C5
16
LG
C6
14
LB
C7
12
BK/TN
11
1
14
8
C237
C7
12
BK/TN
S207
C7
12
BK/TN
C4
16
TN
C5
16
LG
C6
14
LB
C7
12
BK/TN
5
4
3
2
A/C-HEATER CONTROL
0 OFF
1 RECIRC
2 PANEL
3 BI-LEVEL
4 FLOOR
5 FLOOR/DEFROST
6 DEFROST
7 HEATER-LOW
8 HEATER-MED1
9 HEATER-MED2
10 HEATER-HIGH
11 A/C-HIGH
12 A/C-MED2
13 A/C-MED1
14 A/C-LOW
BLOWER MOTOR SPEED
ILLUMINATION
MODE SELECT
1
Z3
12
BK/OR
G201
(8W-15-14)


RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
(8W-12-13)
17
6 C4
F12 22 DB/WT
65 C134
F12 20 DB/WT
S105
(8W-12-13)
F12 20 DB/WT
86
85
C13 22 DB/OR
15
C13 18 DB/OR
1 C3
A/C COMPRESSOR CLUTCH RELAY CONTROL
POWERTRAIN CONTROL MODULE
(8W-30-14)
(8W-30-38)
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE J 10A
(8W-10-27)
J
C26 22 PK/DB
30
87
C3 22 DB/BK
40 C130
C3 18 DB/BK
A/C COMPRESSOR RELAY (IN PDC)
GAS
DIESEL
4 C125
1
A/C COMPRESSOR CLUTCH
2
Z11 18 BK/WT
GAS
DIESEL
S122
(8W-15-8)
Z11 16 BK/WT
G105
(8W-15-8)
S164
(8W-15-10)
Z11 12 BK/WT
G107
(8W-15-10)

8W-43 AIRBAG SYSTEM

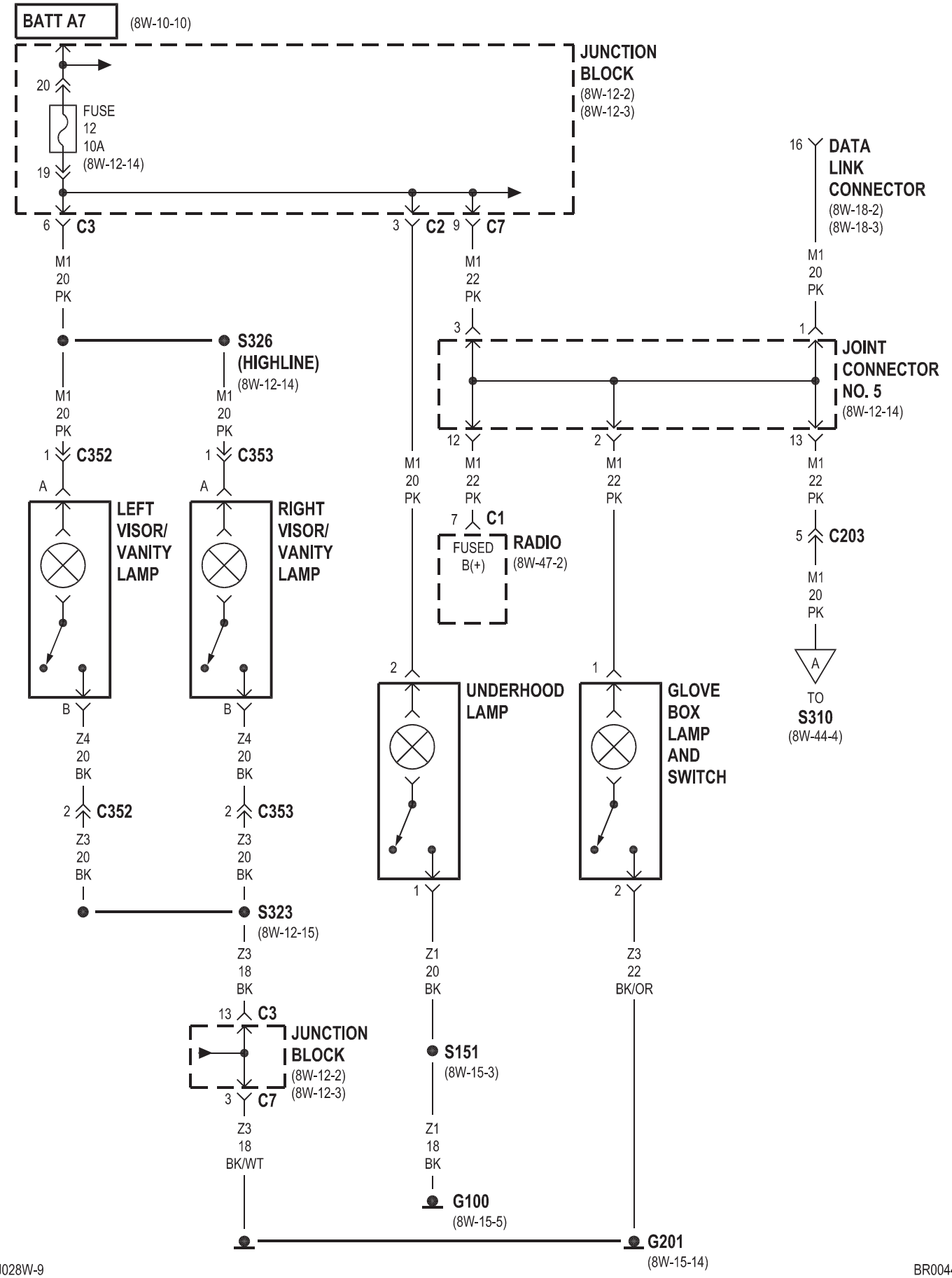
Component	Page
Airbag Control Module	8W-43-2, 3
Clockspring	8W-43-2
Data Link Connector	8W-43-3
Driver Airbag	8W-43-2
Fuse 18 (JB)	8W-43-2
Fuse 19 (JB)	8W-43-2
G100	8W-43-2
Instrument Cluster	8W-43-3
Joint Connector No. 7	8W-43-3
Joint Connector No. 8	8W-43-2
Junction Block	8W-43-2
Passenger Airbag	8W-43-2
Passenger Airbag On/Off Switch	8W-43-2

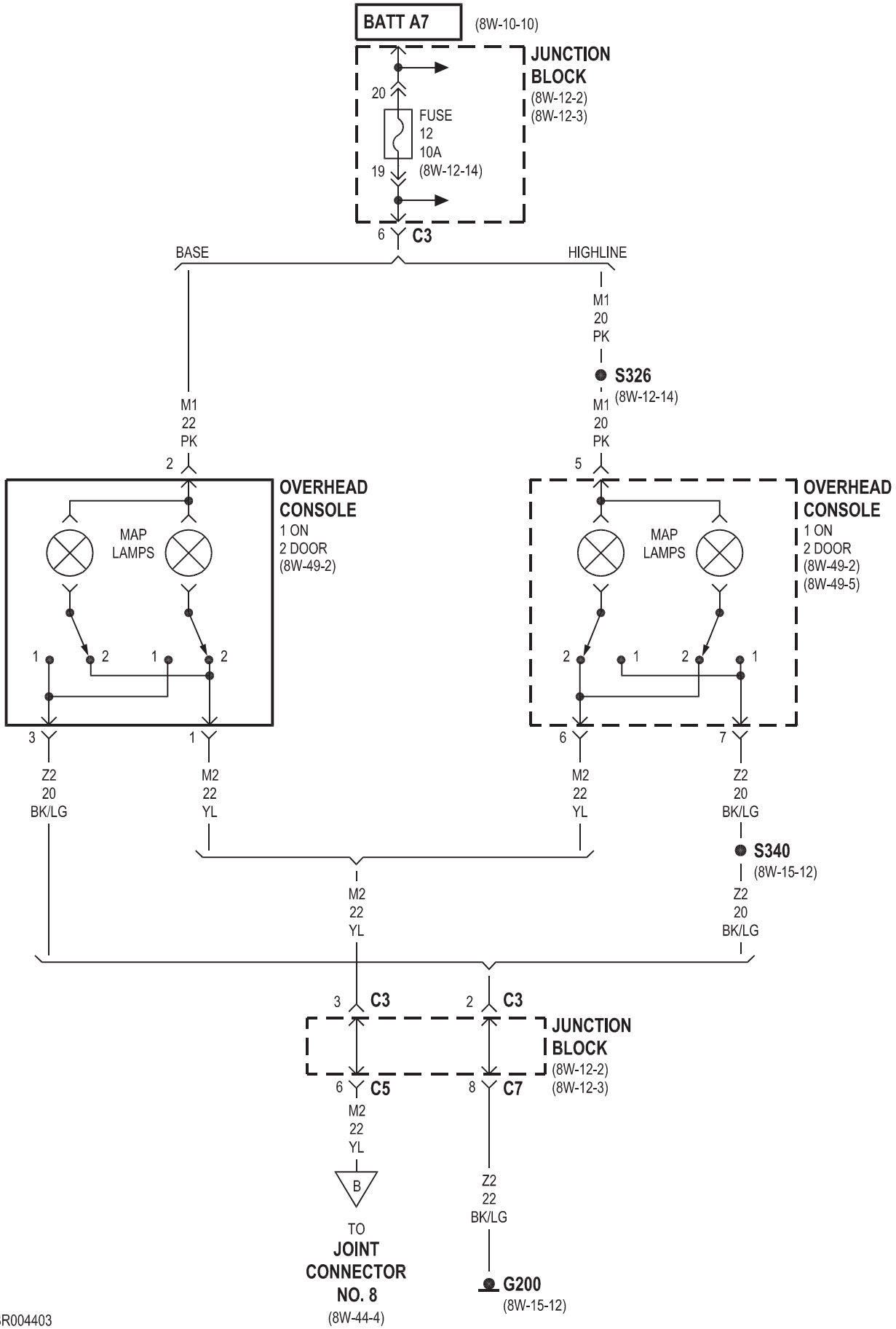

RUN-START A21
(8W-12-6)
RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
33
FUSE 19 10A
(8W-12-17)
34
31
FUSE 18 10A
(8W-12-17)
32
1 C4
2 C4
F14 18 LG/YL
21
JOINT CONNECTOR NO. 8
(8W-12-17)
22
20
F14 18 LG/YL
14
F23 18 DB/YL
15
FUSED IGNITION SWITCH OUTPUT (RUN-START)
FUSED IGNITION SWITCH OUTPUT (RUN)
AIRBAG CONTROL MODULE
PASSENGER AIRBAG LINE 2
PASSENGER AIRBAG LINE 1
GROUND
DRIVER AIRBAG LINE 2
DRIVER AIRBAG LINE 1
8
TWISTED PAIR
7
4
5
6
F14 18 LG/YL
R144 18 VT/YL
R142 18 BR/YL
Z6 18 BK/PK
R43 18 BK/LB
R45 18 DG/LB
1 C1
2 C2
1 C2
PASSENGER AIRBAG ON/OFF SWITCH
OFF INDICATOR
FUSED RESISTOR
20
JOINT CONNECTOR NO. 8
(8W-15-5)
22
21
Z6 18 BK/PK
Z6 18 BK/PK
TWISTED PAIR
1 C2
2 C2
CLOCKSPRING
4 C2
3 C2
2 C1
54 C134
R44 18 DG/YL
TWISTED PAIR
R42 18 BK/YL
R43 BK
R45 BK
2
1
PASSENGER AIRBAG LINE 2
PASSENGER AIRBAG LINE 1
PASSENGER AIRBAG
Z6 18 BK/PK
DRIVER AIRBAG LINE 2
DRIVER AIRBAG LINE 1
DRIVER AIRBAG
G100
(8W-15-5)
(8W-15-7)

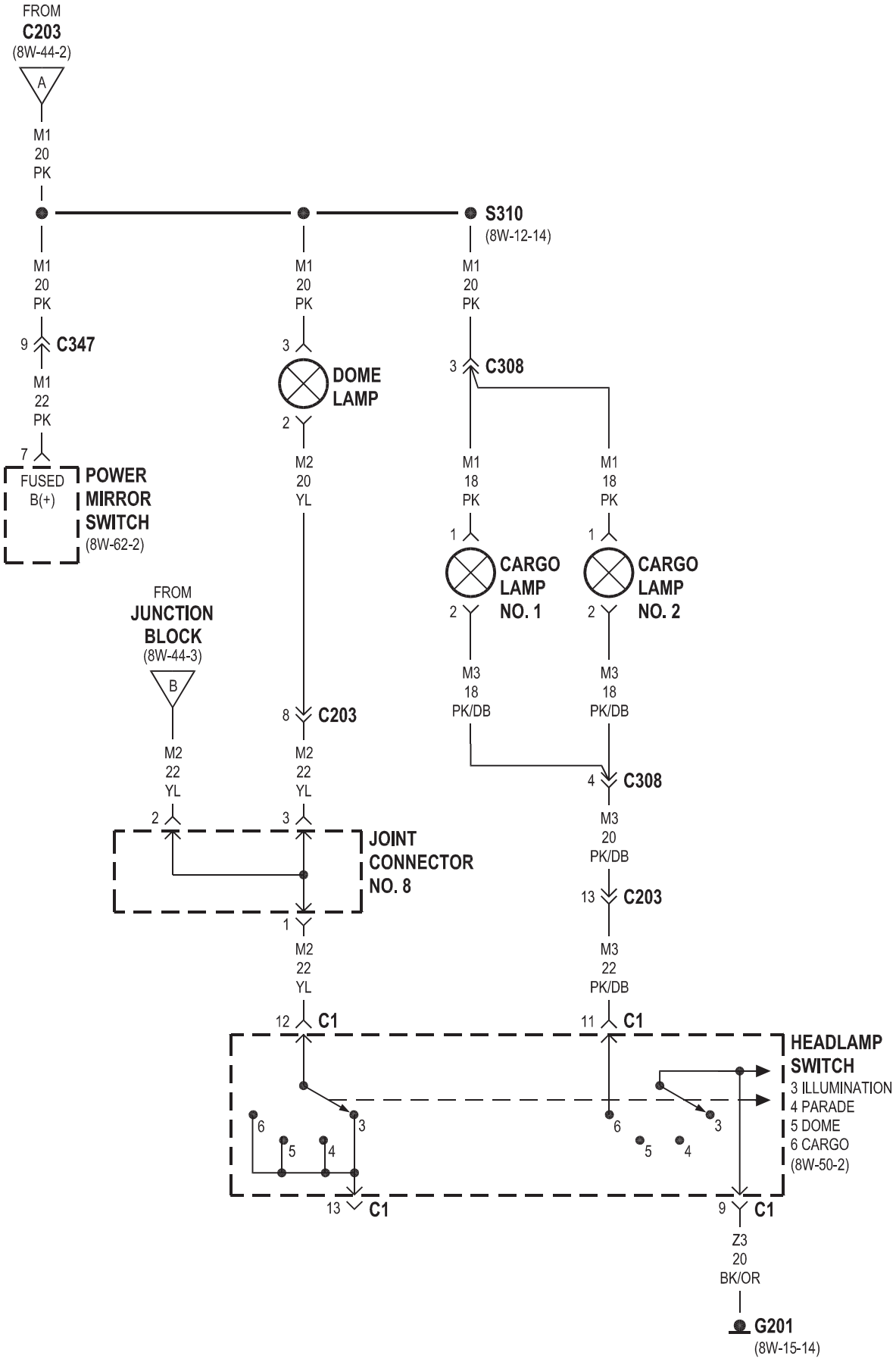

3
11
DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
D1
18
VT/BR
D2
18
WT/BK
2
5
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
9
6
1
4
D1
20
VT/BR
D2
20
WT/BK
D1
18
VT/BR
D2
18
WT/BK
TWISTED PAIR
21
22
CCD BUS (+)
CCD BUS (-)
AIRBAG CONTROL MODULE
10
C1
9
C1
INSTRUMENT CLUSTER
(8W-40-6)
AIRBAG WARNING INDICATOR
INDICATOR DRIVER

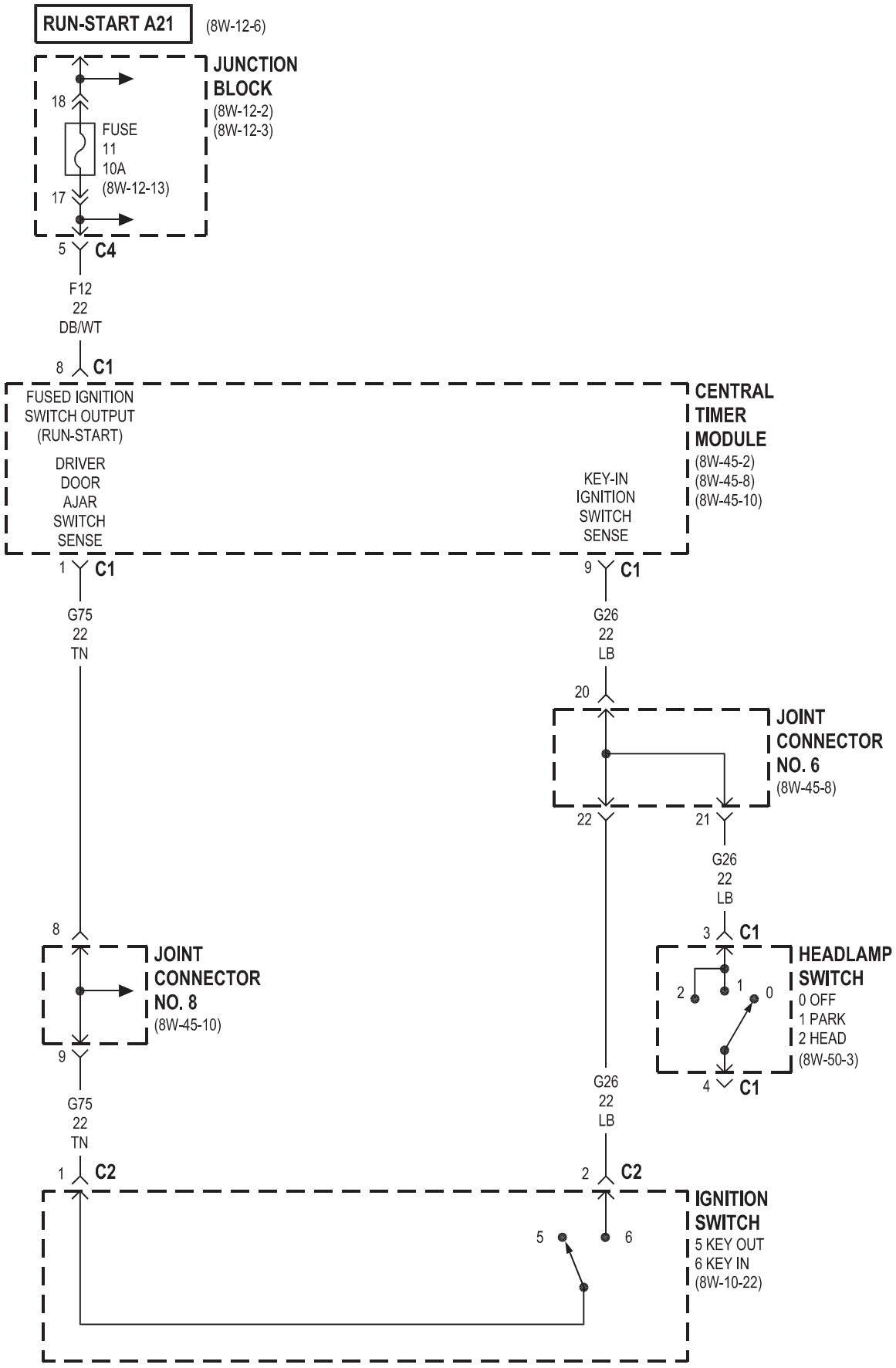
8W-44 INTERIOR LIGHTING

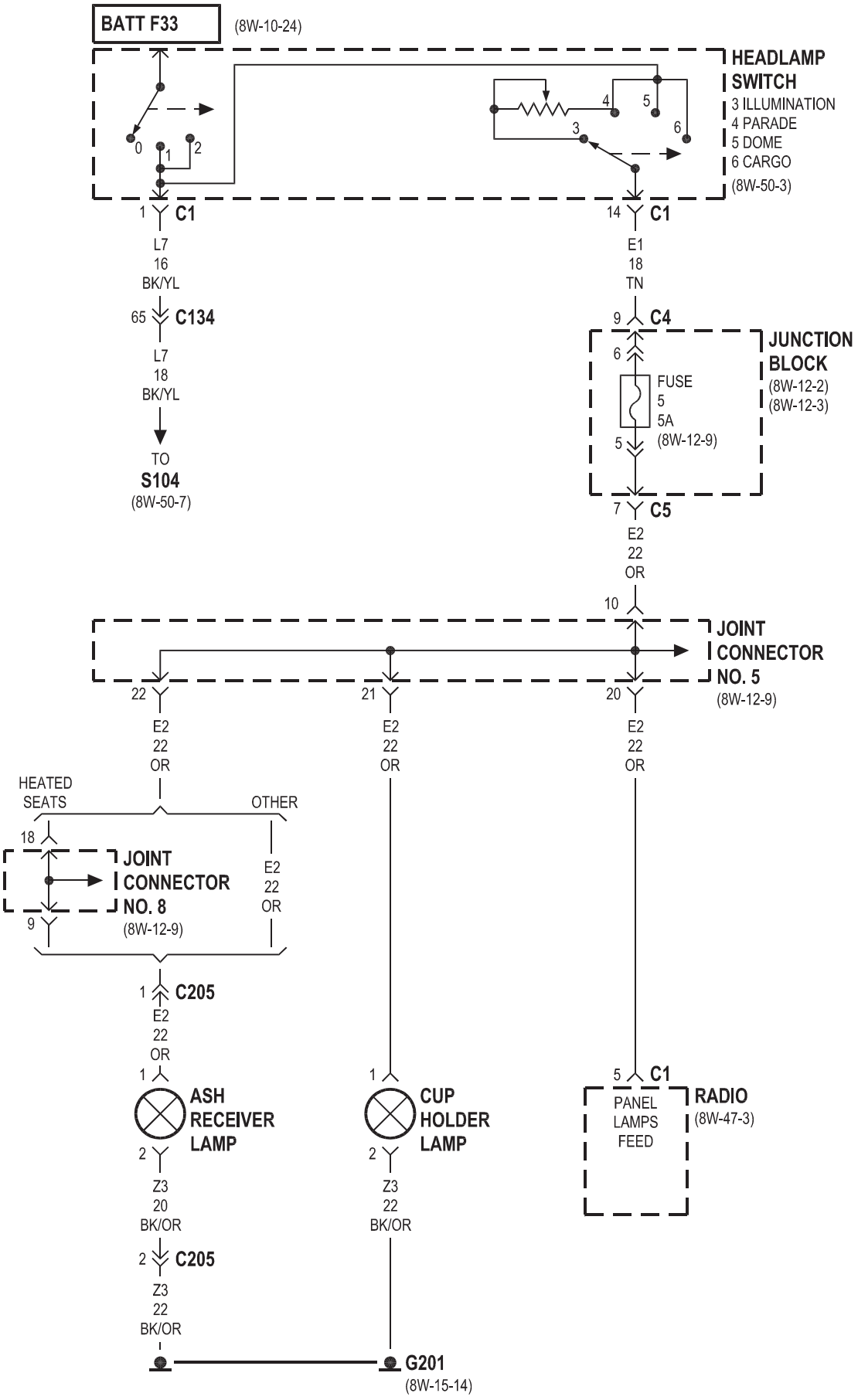
Component	Page
Ash Receiver Lamp	8W-44-6
Cargo Lamp No. 1	8W-44-4
Cargo Lamp No. 2	8W-44-4
Central Timer Module	8W-44-5
Cup Holder Lamp	8W-44-6
Data Link Connector	8W-44-2
Dome Lamp	8W-44-4
Fuse 5 (JB)	8W-44-6
Fuse 11 (JB)	8W-44-5
Fuse 12 (JB)	8W-44-2, 3
G100	8W-44-2
G200	8W-44-3
G201	8W-44-2, 4, 6
Glove Box Lamp And Switch	8W-44-2
Headlamp Switch	8W-44-4, 5, 6
Ignition Switch	8W-44-5
Joint Connector No. 5	8W-44-2, 6
Joint Connector No. 6	8W-44-5
Joint Connector No. 8	8W-44-3, 4, 5, 6
Junction Block	8W-44-2, 3, 4, 5, 6
Left Visor/Vanity Lamp	8W-44-2
Overhead Console	8W-44-3
Power Mirror Switch	8W-44-4
Radio	8W-44-2, 6
Right Visor/Vanity Lamp	8W-44-2
Underhood Lamp	8W-44-2


BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
(8W-12-14)
19
6 C3
3 C2
9 C7
16 DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
M1 20 PK
M1 22 PK
S326 (HIGHLINE)
(8W-12-14)
3
1
JOINT CONNECTOR NO. 5
(8W-12-14)
12
2
13
1 C352
1 C353
A
LEFT VISOR/ VANITY LAMP
RIGHT VISOR/ VANITY LAMP
7 C1
FUSED B(+)
RADIO
(8W-47-2)
5 C203
B
Z4 20 BK
2 C352
2 C353
Z3 20 BK
UNDERHOOD LAMP
GLOVE BOX LAMP AND SWITCH
S323
(8W-12-15)
Z3 18 BK
13 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
3 C7
Z3 18 BK/WT
Z1 20 BK
S151
(8W-15-3)
Z1 18 BK
G100
(8W-15-5)
Z3 22 BK/OR
G201
(8W-15-14)
TO S310
(8W-44-4)


BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
19
(8W-12-14)
6
C3
BASE
HIGHLINE
M1 20 PK
S326
(8W-12-14)
M1 22 PK
2
M1 20 PK
5
OVERHEAD CONSOLE
1 ON 2 DOOR
(8W-49-2)
MAP LAMPS
OVERHEAD CONSOLE
1 ON 2 DOOR
(8W-49-2)
(8W-49-5)
MAP LAMPS
1 2 1 2
2 1 2 1
3
1
6
7
Z2 20 BK/LG
M2 22 YL
M2 22 YL
Z2 20 BK/LG
S340
(8W-15-12)
M2 22 YL
Z2 20 BK/LG
3
C3
2
C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
6
C5
8
C7
M2 22 YL
B
TO JOINT CONNECTOR NO. 8
(8W-44-4)
Z2 22 BK/LG
G200
(8W-15-12)

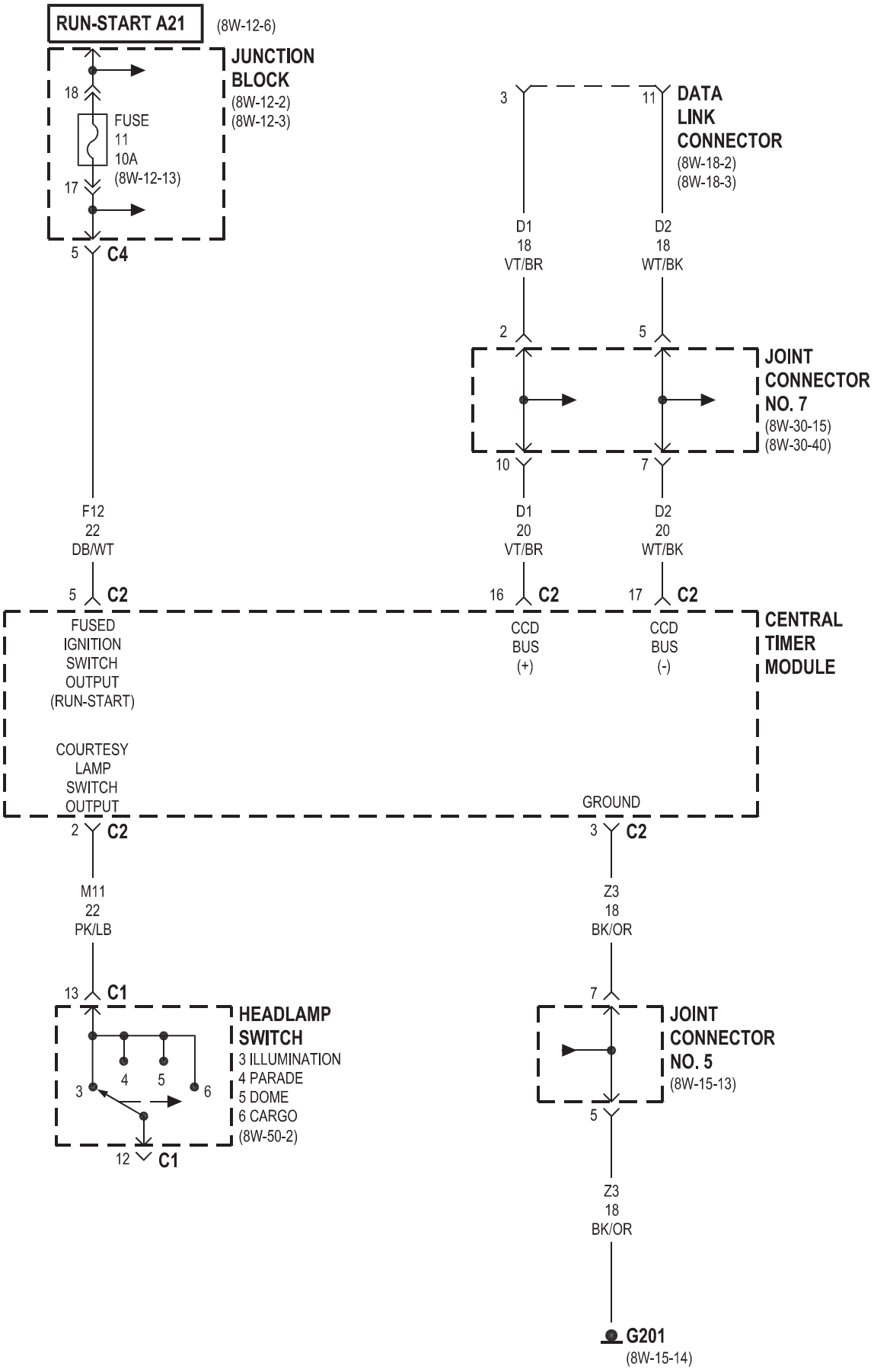

FROM
C203
(8W-44-2)
A
M1
20
PK
S310
(8W-12-14)
M1
20
PK
9
C347
M1
22
PK
7
FUSED
B(+)
POWER
MIRROR
SWITCH
(8W-62-2)
3
DOME
LAMP
2
M2
20
YL
8
C203
M1
20
PK
3
C308
M1
18
PK
1
CARGO
LAMP
NO. 1
2
M3
18
PK/DB
M1
18
PK
1
CARGO
LAMP
NO. 2
2
M3
18
PK/DB
4
C308
FROM
JUNCTION
BLOCK
(8W-44-3)
B
M2
22
YL
2
M2
22
YL
3
JOINT
CONNECTOR
NO. 8
1
M2
22
YL
12
C1
M3
20
PK/DB
13
C203
M3
22
PK/DB
11
C1
HEADLAMP
SWITCH
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
(8W-50-2)
6
5
4
3
13
C1
6
5
4
3
9
C1
Z3
20
BK/OR
G201
(8W-15-14)

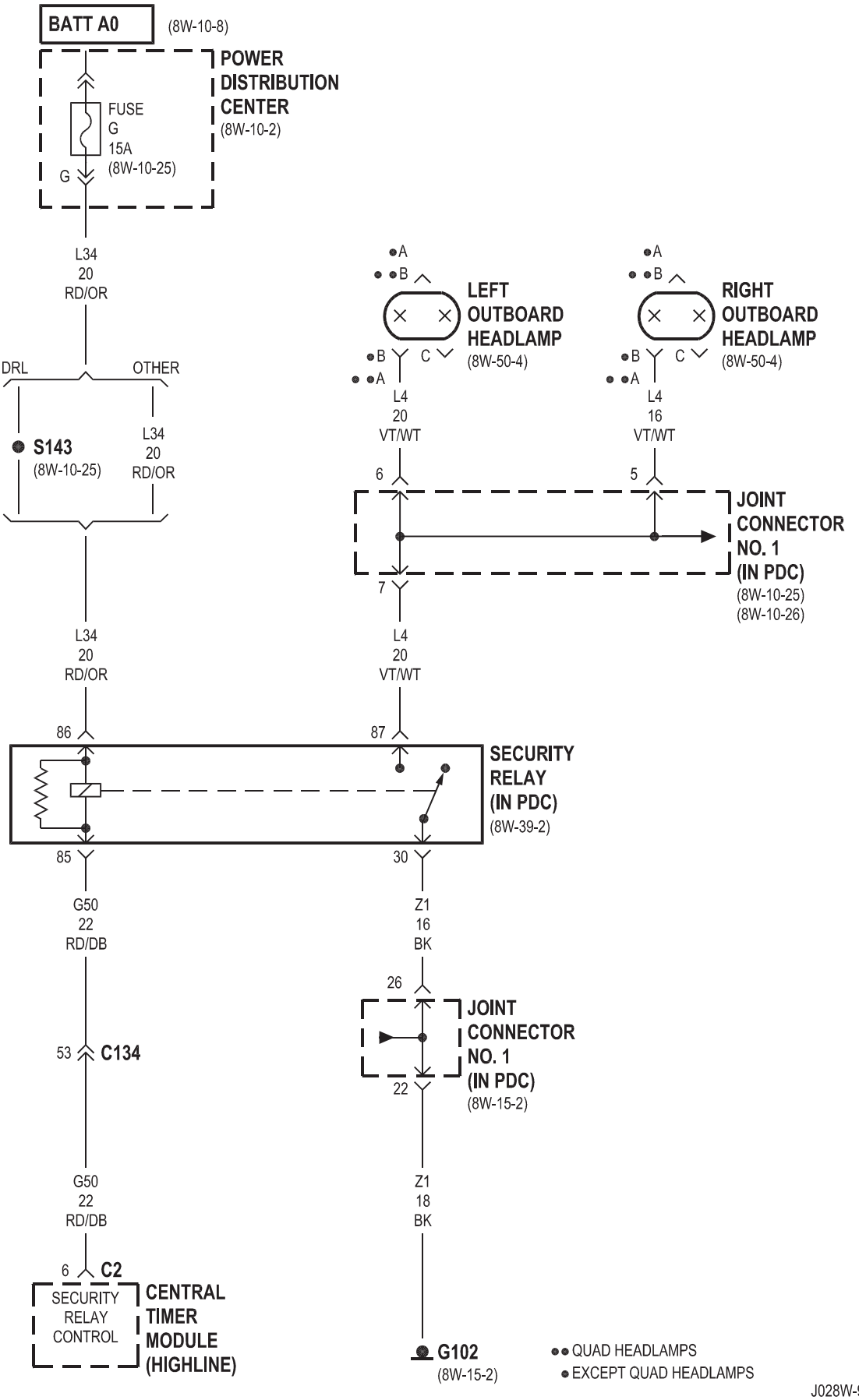

RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
(8W-12-13)
17
5
C4
F12
22
DB/WT
8
C1
FUSED IGNITION SWITCH OUTPUT (RUN-START)
DRIVER DOOR AJAR SWITCH SENSE
KEY-IN IGNITION SWITCH SENSE
CENTRAL TIMER MODULE
(8W-45-2)
(8W-45-8)
(8W-45-10)
1
C1
9
C1
G75
22
TN
G26
22
LB
20
JOINT CONNECTOR NO. 6
(8W-45-8)
22
21
G26
22
LB
8
JOINT CONNECTOR NO. 8
(8W-45-10)
3
C1
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
(8W-50-3)
2
1
0
4
C1
9
G75
22
TN
G26
22
LB
1
C2
2
C2
IGNITION SWITCH
5 KEY OUT
6 KEY IN
(8W-10-22)
5
6

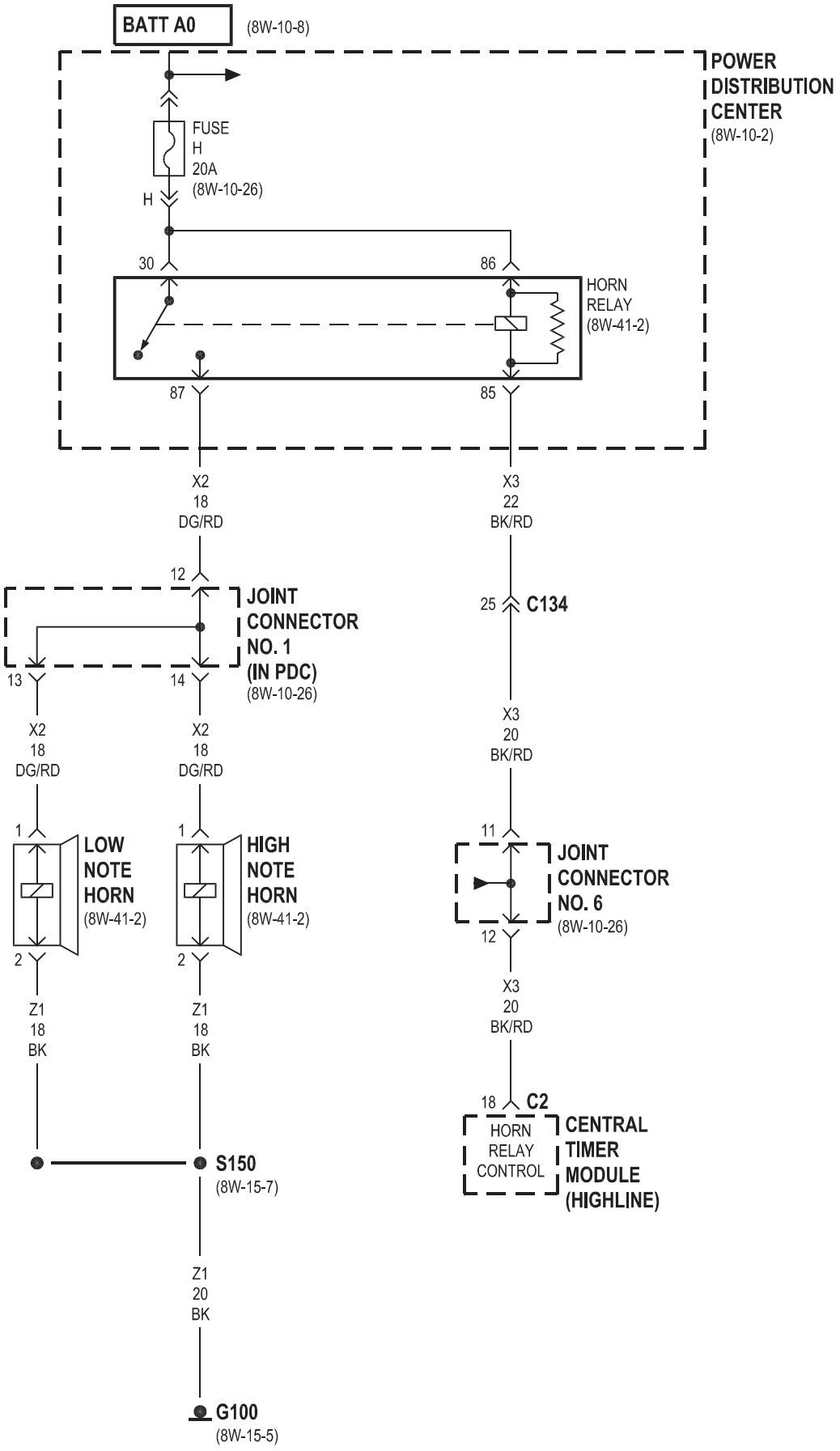

BATT F33
(8W-10-24)
HEADLAMP SWITCH
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
(8W-50-3)
0
1
2
3
4
5
6
1 C1
L7
16
BK/YL
65 C134
L7
18
BK/YL
TO
S104
(8W-50-7)
14 C1
E1
18
TN
9 C4
6
FUSE
5
5A
(8W-12-9)
5
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
7 C5
E2
22
OR
10
JOINT CONNECTOR NO. 5
(8W-12-9)
22
21
20
E2
22
OR
HEATED SEATS
OTHER
18
JOINT CONNECTOR NO. 8
(8W-12-9)
9
E2
22
OR
1 C205
E2
22
OR
1
ASH RECEIVER LAMP
2
Z3
20
BK/OR
2 C205
Z3
22
BK/OR
1
CUP HOLDER LAMP
2
Z3
22
BK/OR
5 C1
PANEL LAMPS FEED
RADIO
(8W-47-3)
G201
(8W-15-14)

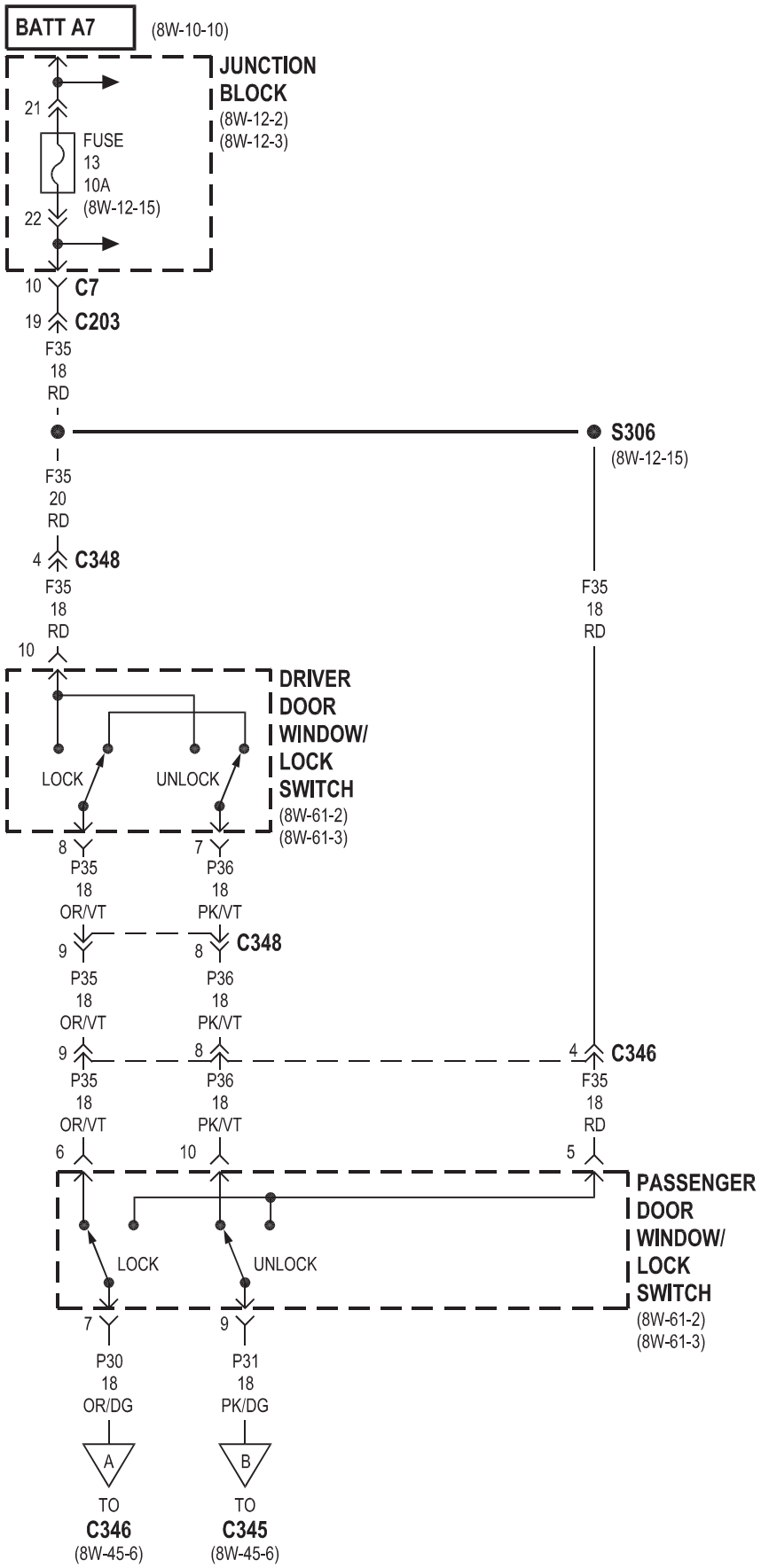
8W-45 CENTRAL TIMER MODULE

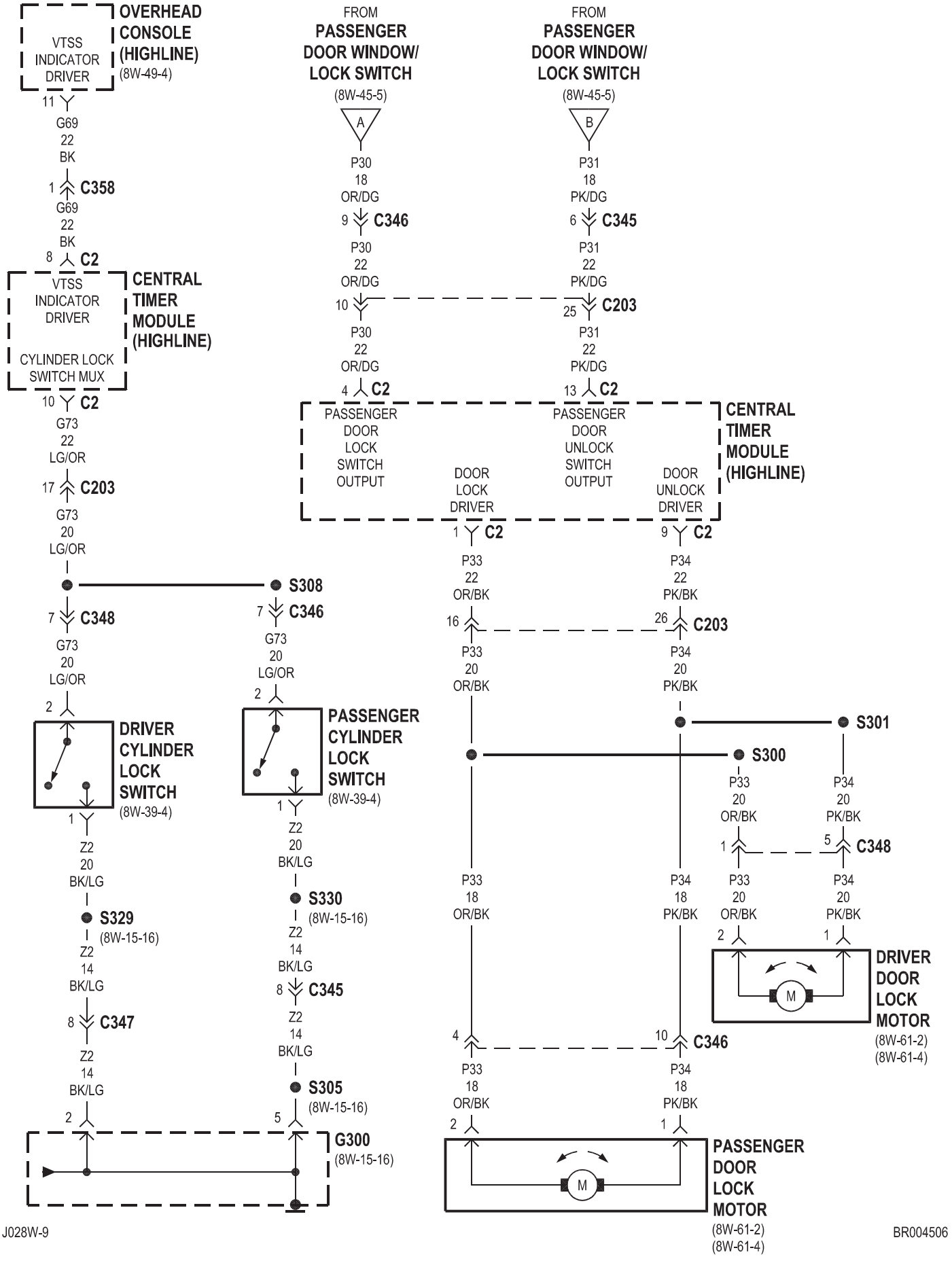
Component	Page
Central Timer Module	8W-45-2, 3, 4, 6, 7, 8, 9, 10
Clockspring	8W-45-7
Data Link Connector	8W-45-2
Driver Cylinder Lock Switch	8W-45-6
Driver Door Ajar Switch	8W-45-7, 10
Driver Door Lock Motor	8W-45-6
Driver Door Window/Lock Switch	8W-45-5
Fuse 6 (JB)	8W-45-8, 9
Fuse 11 (JB)	8W-45-2, 8
Fuse 13 (JB)	8W-45-5, 8
Fuse G (PDC)	8W-45-3
Fuse H (PDC)	8W-45-4
G100	8W-45-4, 9
G102	8W-45-3
G200	8W-45-8
G201	8W-45-2
G300	8W-45-6, 7, 10
Headlamp Switch	8W-45-2, 7, 8, 10
Heated Seat Relay	8W-45-7
High Note Horn	8W-45-4
Horn Relay	8W-45-4
Ignition Switch	8W-45-7, 8, 10
Instrument Cluster	8W-45-8
Intermittent Wiper Switch	8W-45-9
Joint Connector No. 1	8W-45-3, 4
Joint Connector No. 2	8W-45-9
Joint Connector No. 5	8W-45-2
Joint Connector No. 6	8W-45-4, 7, 8, 9, 10
Joint Connector No. 7	8W-45-2
Joint Connector No. 8	8W-45-7, 8, 10
Junction Block	8W-45-2, 5, 7, 8, 9
Left Outboard Headlamp	8W-45-3
Low Note Horn	8W-45-4
Overhead Console	8W-45-6
Passenger Cylinder Lock Switch	8W-45-6
Passenger Door Ajar Switch	8W-45-10
Passenger Door Lock Motor	8W-45-6
Passenger Door Window/Lock Switch	8W-45-5, 6
Power Distribution Center	8W-45-3, 4
Right Outboard Headlamp	8W-45-3
Security Relay	8W-45-3
Wiper Motor	8W-45-9
Wiper Motor Relay	8W-45-9

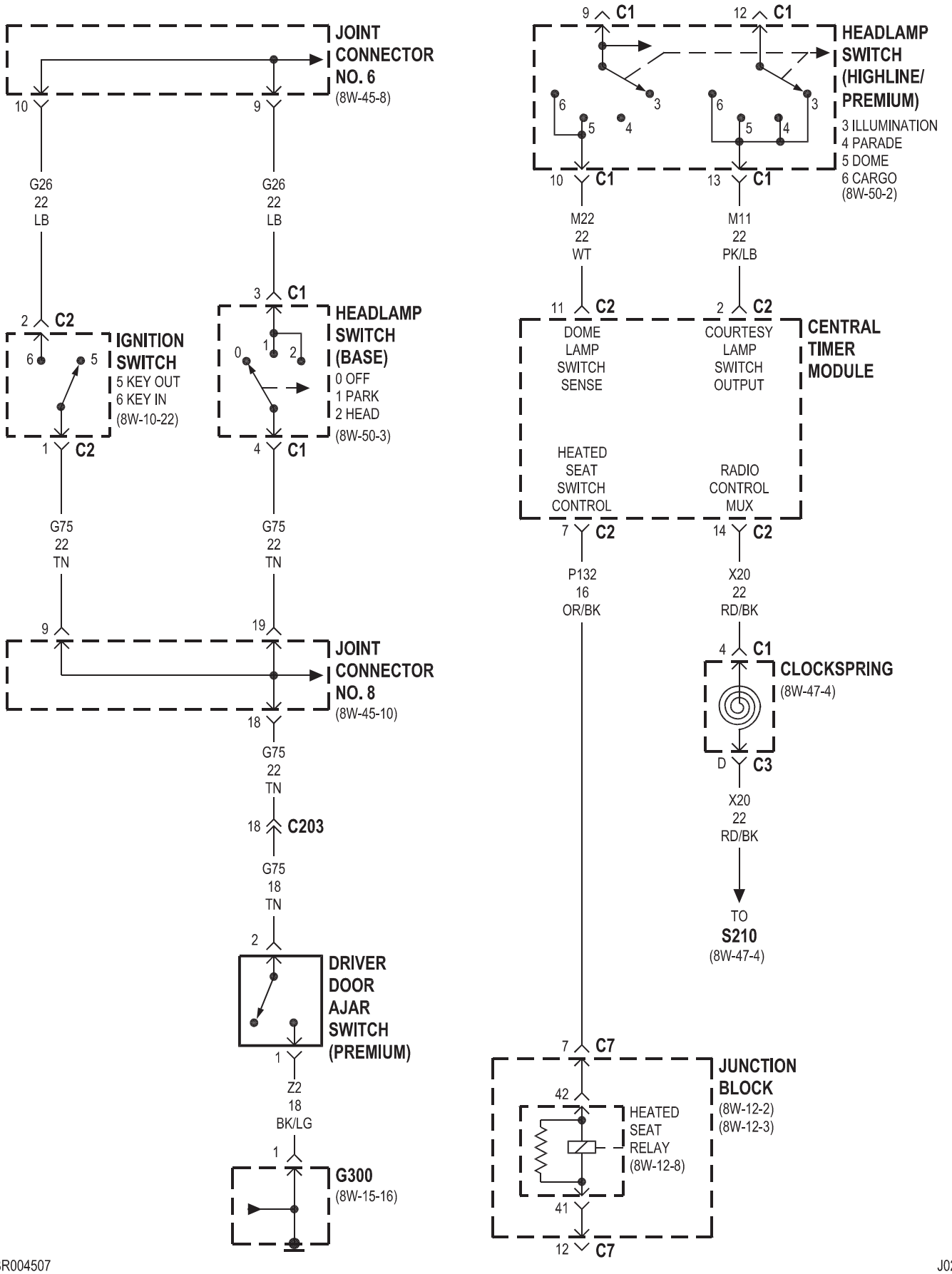

RUN-START A21
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
(8W-12-13)
17
5 C4
F12
22
DB/WT
5 C2
FUSED IGNITION SWITCH OUTPUT (RUN-START)
COURTESY LAMP SWITCH OUTPUT
2 C2
M11
22
PK/LB
13 C1
HEADLAMP SWITCH
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
(8W-50-2)
3
4
5
6
12 C1
3
11
DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
D1
18
VT/BR
D2
18
WT/BK
2
5
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
10
7
D1
20
VT/BR
D2
20
WT/BK
16 C2
17 C2
CCD BUS (+)
CCD BUS (-)
CENTRAL TIMER MODULE
GROUND
3 C2
Z3
18
BK/OR
7
JOINT CONNECTOR NO. 5
(8W-15-13)
5
Z3
18
BK/OR
G201
(8W-15-14)

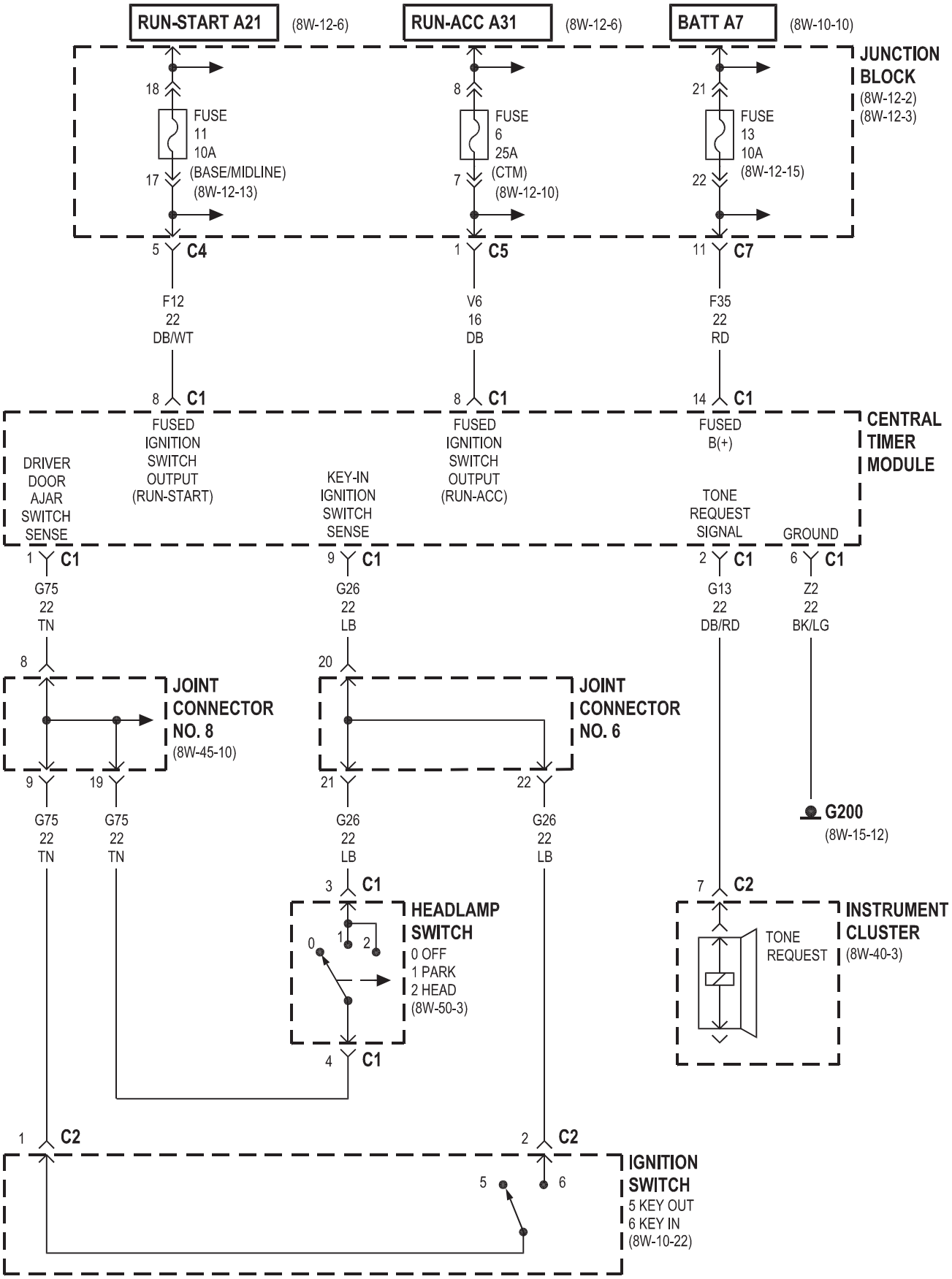

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE G 15A
(8W-10-25)
G
L34 20 RD/OR
DRL
OTHER
S143
(8W-10-25)
L34 20 RD/OR
LEFT OUTBOARD HEADLAMP
(8W-50-4)
RIGHT OUTBOARD HEADLAMP
(8W-50-4)
L4 20 VT/WT
L4 16 VT/WT
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-25)
(8W-10-26)
SECURITY RELAY (IN PDC)
(8W-39-2)
G50 22 RD/DB
Z1 16 BK
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
C134
C2
SECURITY RELAY CONTROL
CENTRAL TIMER MODULE (HIGHLINE)
G102
(8W-15-2)
QUAD HEADLAMPS
EXCEPT QUAD HEADLAMPS

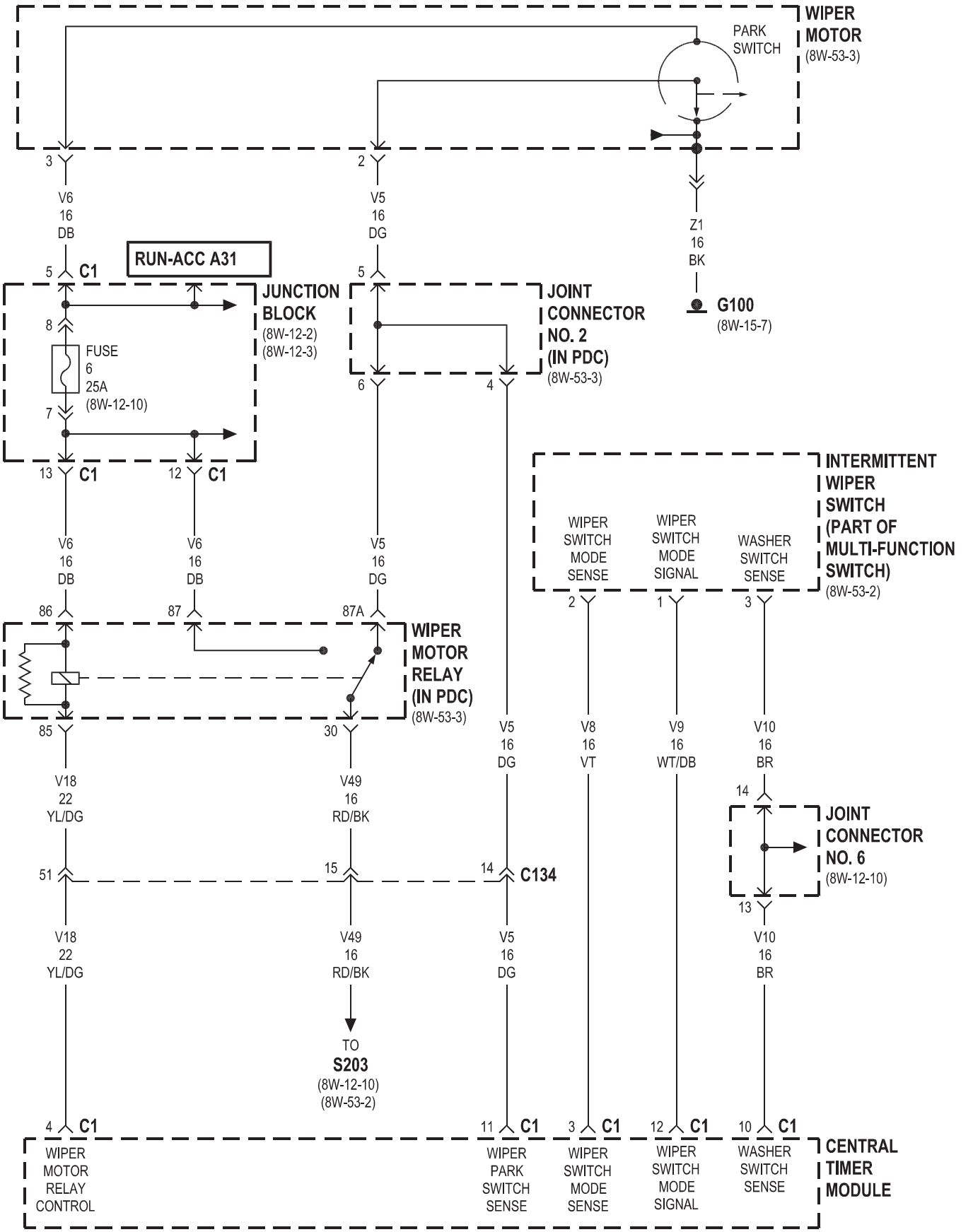

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
H
20A
(8W-10-26)
H
30
86
HORN RELAY
(8W-41-2)
87
85
X2
18
DG/RD
X3
22
BK/RD
12
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-26)
25
C134
13
14
X2
18
DG/RD
X2
18
DG/RD
X3
20
BK/RD
1
LOW NOTE HORN
(8W-41-2)
1
HIGH NOTE HORN
(8W-41-2)
11
JOINT CONNECTOR NO. 6
(8W-10-26)
2
2
12
Z1
18
BK
Z1
18
BK
X3
20
BK/RD
18
C2
HORN RELAY CONTROL
CENTRAL TIMER MODULE (HIGHLINE)
S150
(8W-15-7)
Z1
20
BK
G100
(8W-15-5)

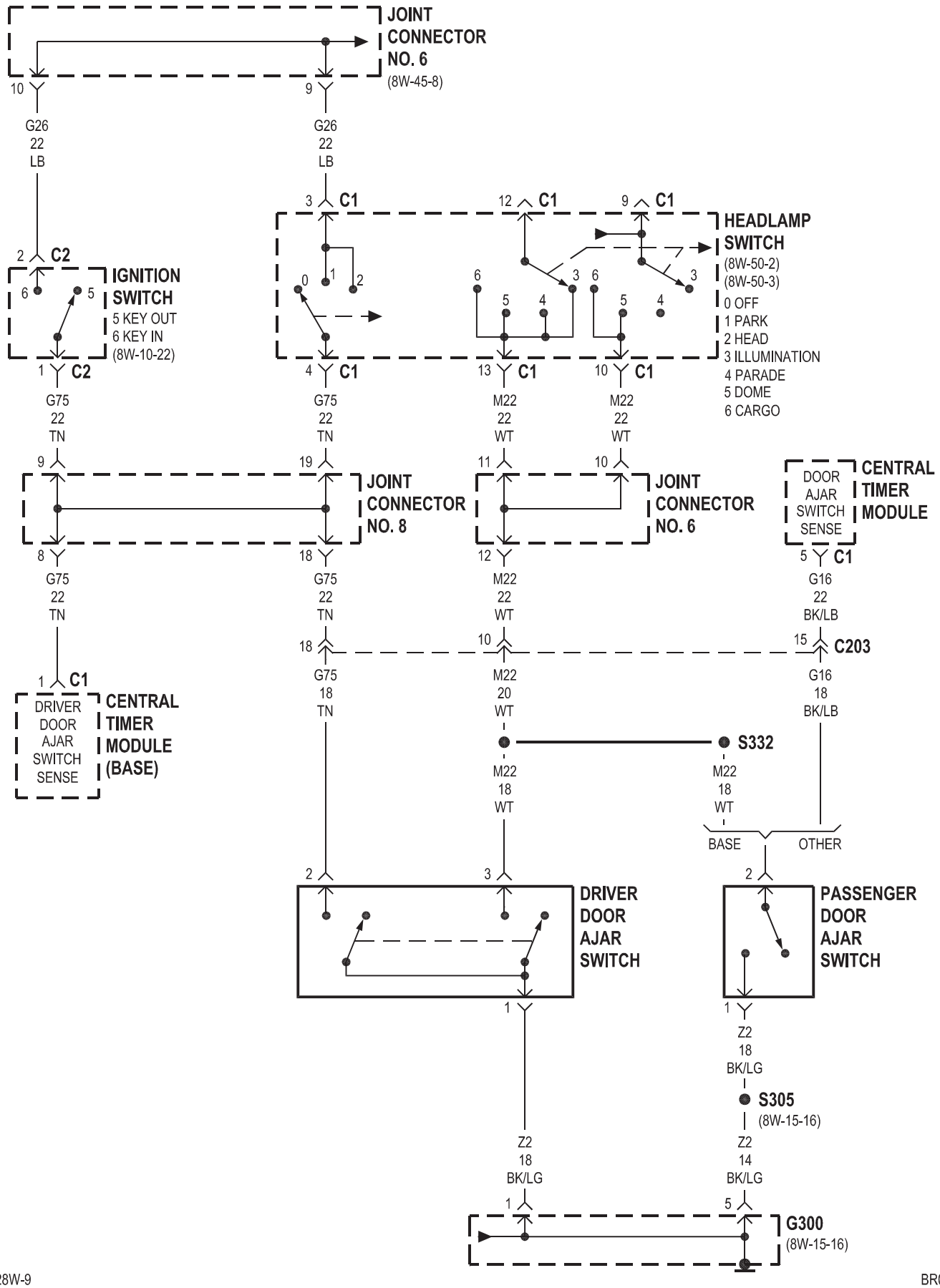

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
21
FUSE 13 10A
(8W-12-15)
22
10
C7
19
C203
F35 18 RD
S306
(8W-12-15)
F35 20 RD
4
C348
F35 18 RD
10
F35 18 RD
DRIVER DOOR WINDOW/ LOCK SWITCH
(8W-61-2)
(8W-61-3)
LOCK
UNLOCK
8
7
P35 18 OR/VT
P36 18 PK/VT
9
8
C348
P35 18 OR/VT
P36 18 PK/VT
9
8
4
C346
P35 18 OR/VT
P36 18 PK/VT
F35 18 RD
6
10
5
PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-61-2)
(8W-61-3)
LOCK
UNLOCK
7
9
P30 18 OR/DG
P31 18 PK/DG
A
B
TO C346
(8W-45-6)
TO C345
(8W-45-6)


OVERHEAD CONSOLE (HIGHLINE)
(8W-49-4)
VTSS INDICATOR DRIVER
11
G69
22
BK
1 C358
G69
22
BK
8 C2
CENTRAL TIMER MODULE (HIGHLINE)
VTSS INDICATOR DRIVER
CYLINDER LOCK SWITCH MUX
10 C2
G73
22
LG/OR
17 C203
G73
20
LG/OR
7 C348
G73
20
LG/OR
2
DRIVER CYLINDER LOCK SWITCH
(8W-39-4)
1
Z2
20
BK/LG
S329
(8W-15-16)
Z2
14
BK/LG
8 C347
Z2
14
BK/LG
2
S308
7 C346
G73
20
LG/OR
2
PASSENGER CYLINDER LOCK SWITCH
(8W-39-4)
1
Z2
20
BK/LG
S330
(8W-15-16)
Z2
14
BK/LG
8 C345
Z2
14
BK/LG
S305
(8W-15-16)
5
G300
(8W-15-16)
FROM PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-45-5)
A
P30
18
OR/DG
9 C346
P30
22
OR/DG
10
P30
22
OR/DG
4 C2
FROM PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-45-5)
B
P31
18
PK/DG
6 C345
P31
22
PK/DG
25 C203
P31
22
PK/DG
13 C2
CENTRAL TIMER MODULE (HIGHLINE)
PASSENGER DOOR LOCK SWITCH OUTPUT
PASSENGER DOOR UNLOCK SWITCH OUTPUT
DOOR LOCK DRIVER
1 C2
DOOR UNLOCK DRIVER
9 C2
P33
22
OR/BK
16
P34
22
PK/BK
26 C203
P33
20
OR/BK
P34
20
PK/BK
S301
S300
P33
20
OR/BK
1
P34
20
PK/BK
5 C348
P33
18
OR/BK
P34
18
PK/BK
P33
20
OR/BK
2
P34
20
PK/BK
1
DRIVER DOOR LOCK MOTOR
(8W-61-2)
(8W-61-4)
M
4
10 C346
P33
18
OR/BK
P34
18
PK/BK
2
1
PASSENGER DOOR LOCK MOTOR
(8W-61-2)
(8W-61-4)
M


JOINT CONNECTOR NO. 6
(8W-45-8)
10
9
G26 22 LB
G26 22 LB
2 C2
IGNITION SWITCH
5 KEY OUT
6 KEY IN
(8W-10-22)
1 C2
3 C1
HEADLAMP SWITCH (BASE)
0 OFF
1 PARK
2 HEAD
(8W-50-3)
4 C1
G75 22 TN
G75 22 TN
9
19
JOINT CONNECTOR NO. 8
(8W-45-10)
18
G75 22 TN
18 C203
G75 18 TN
2
DRIVER DOOR AJAR SWITCH (PREMIUM)
1
Z2 18 BK/LG
1
G300
(8W-15-16)
9 C1
12 C1
HEADLAMP SWITCH (HIGHLINE/ PREMIUM)
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
(8W-50-2)
10 C1
13 C1
M22 22 WT
M11 22 PK/LB
11 C2
2 C2
CENTRAL TIMER MODULE
DOME LAMP SWITCH SENSE
COURTESY LAMP SWITCH OUTPUT
HEATED SEAT SWITCH CONTROL
RADIO CONTROL MUX
7 C2
14 C2
P132 16 OR/BK
X20 22 RD/BK
4 C1
CLOCKSPRING
(8W-47-4)
D C3
X20 22 RD/BK
TO S210
(8W-47-4)
7 C7
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
42
HEATED SEAT RELAY
(8W-12-8)
41
12 C7

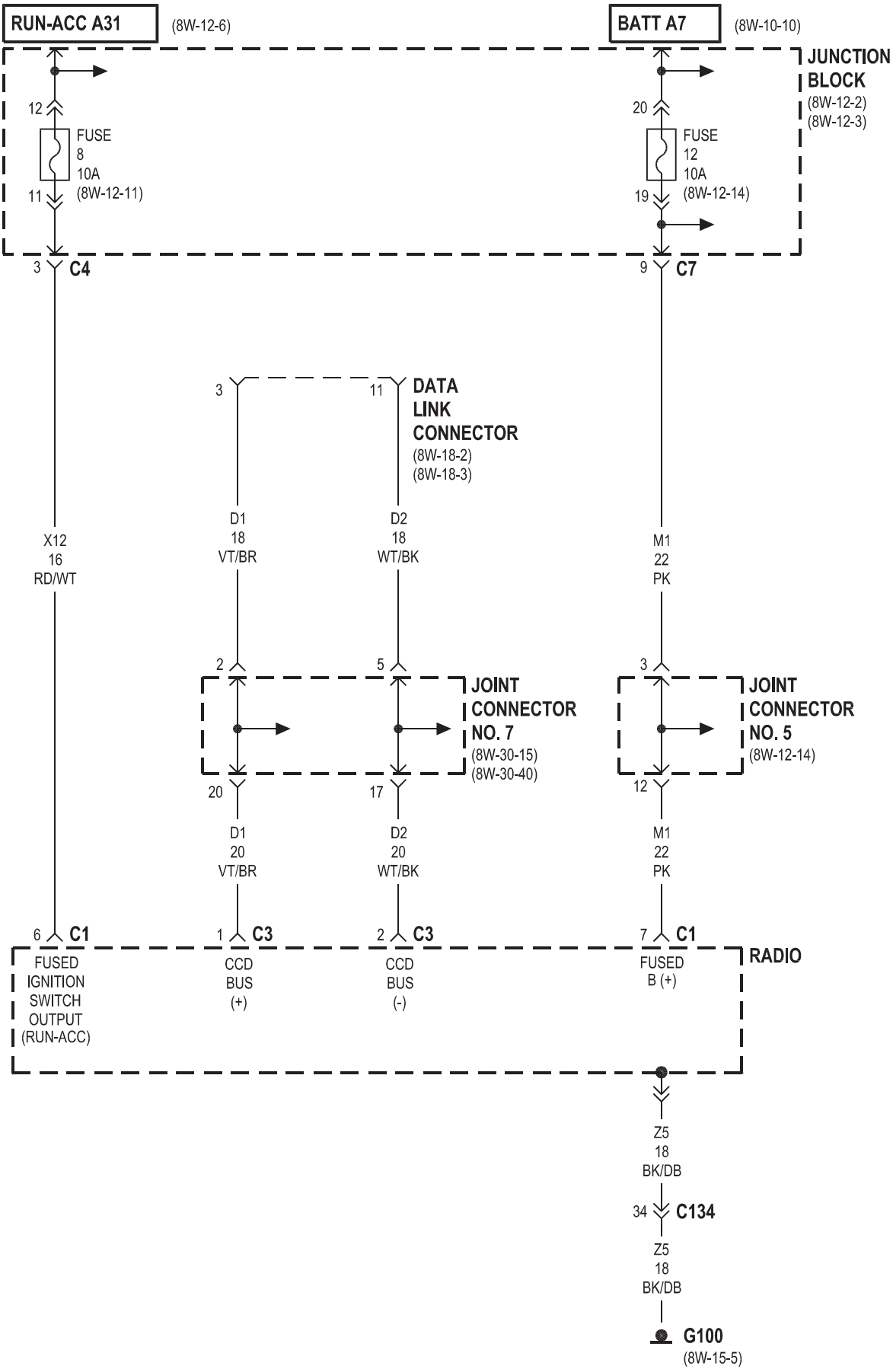

RUN-START A21
(8W-12-6)
RUN-ACC A31
(8W-12-6)
BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
18
FUSE 11 10A
17
(BASE/MIDLINE)
(8W-12-13)
8
FUSE 6 25A
7
(CTM)
(8W-12-10)
21
FUSE 13 10A
22
(8W-12-15)
5 C4
1 C5
11 C7
F12 22 DB/WT
V6 16 DB
F35 22 RD
8 C1
8 C1
14 C1
CENTRAL TIMER MODULE
DRIVER DOOR AJAR SWITCH SENSE
FUSED IGNITION SWITCH OUTPUT (RUN-START)
KEY-IN IGNITION SWITCH SENSE
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
FUSED B(+)
TONE REQUEST SIGNAL
GROUND
1 C1
9 C1
2 C1
6 C1
G75 22 TN
G26 22 LB
G13 22 DB/RD
Z2 22 BK/LG
8
20
JOINT CONNECTOR NO. 8
(8W-45-10)
JOINT CONNECTOR NO. 6
9
19
21
22
G75 22 TN
G75 22 TN
G26 22 LB
G26 22 LB
G200
(8W-15-12)
3 C1
7 C2
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
(8W-50-3)
INSTRUMENT CLUSTER
(8W-40-3)
TONE REQUEST
4 C1
1 C2
2 C2
IGNITION SWITCH
5 KEY OUT
6 KEY IN
(8W-10-22)

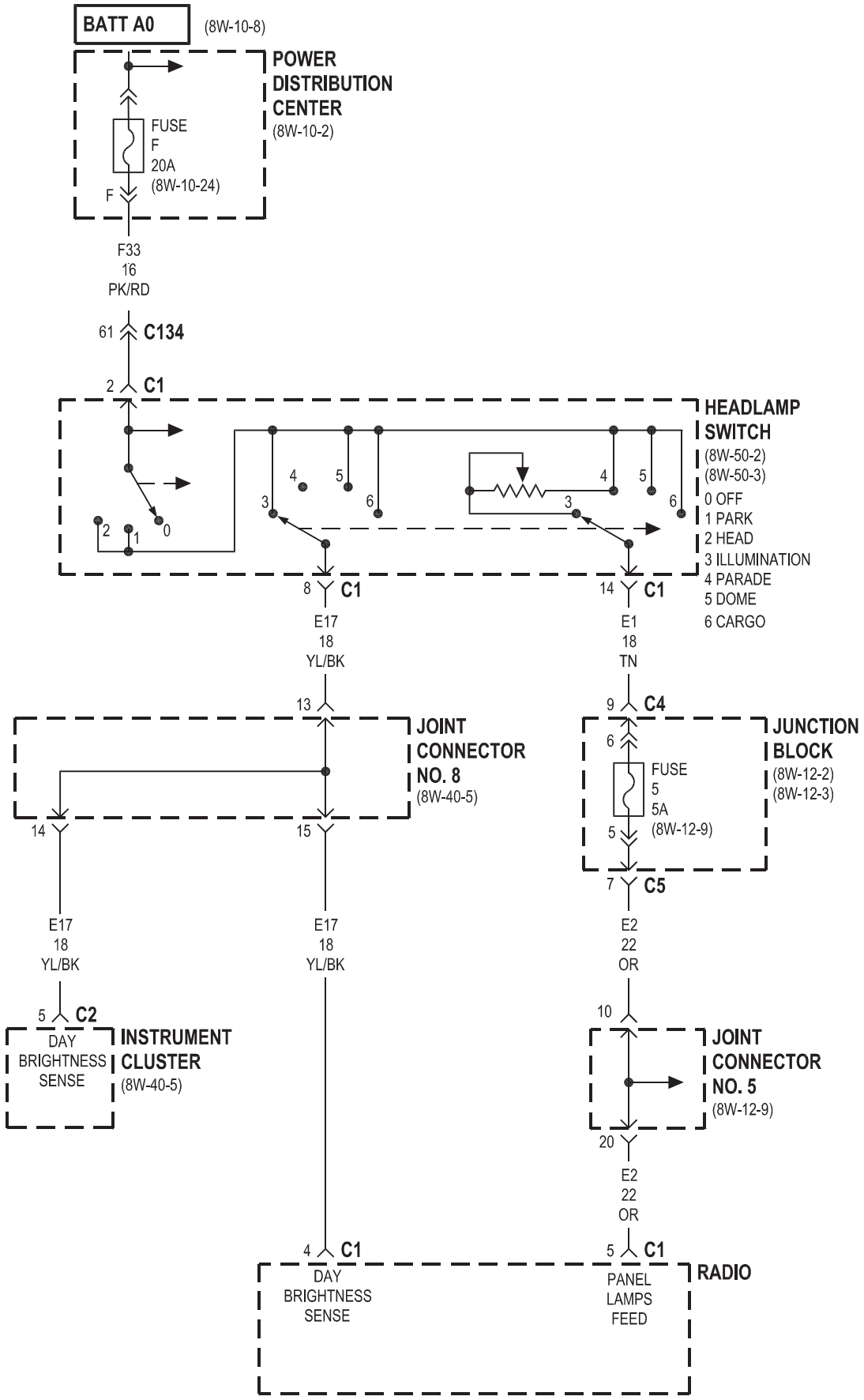

WIPER MOTOR (8W-53-3)
PARK SWITCH
3
2
V6 16 DB
V5 16 DG
Z1 16 BK
G100 (8W-15-7)
RUN-ACC A31
5 C1
5
JUNCTION BLOCK (8W-12-2) (8W-12-3)
JOINT CONNECTOR NO. 2 (IN PDC) (8W-53-3)
8
FUSE 6 25A (8W-12-10)
7
6
4
13 C1
12 C1
INTERMITTENT WIPER SWITCH (PART OF MULTI-FUNCTION SWITCH) (8W-53-2)
WIPER SWITCH MODE SENSE
WIPER SWITCH MODE SIGNAL
WASHER SWITCH SENSE
2
1
3
86
87
87A
WIPER MOTOR RELAY (IN PDC) (8W-53-3)
85
30
V18 22 YL/DG
V49 16 RD/BK
V5 16 DG
V8 16 VT
V9 16 WT/DB
V10 16 BR
14
JOINT CONNECTOR NO. 6 (8W-12-10)
13
51
15
14 C134
TO S203 (8W-12-10) (8W-53-2)
4 C1
11 C1
3 C1
12 C1
10 C1
WIPER MOTOR RELAY CONTROL
WIPER PARK SWITCH SENSE
WIPER SWITCH MODE SENSE
WIPER SWITCH MODE SIGNAL
WASHER SWITCH SENSE
CENTRAL TIMER MODULE

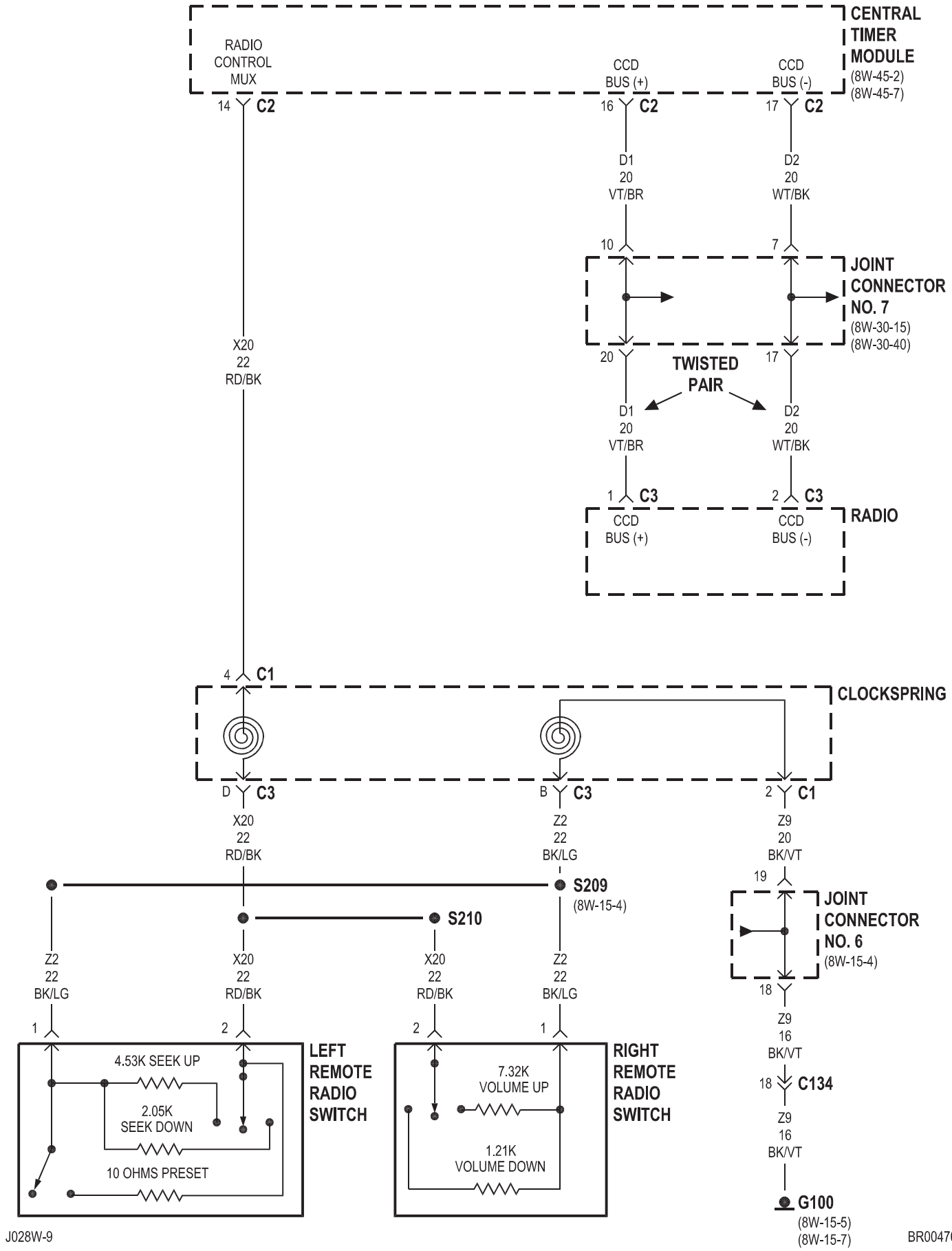

JOINT CONNECTOR NO. 6
(8W-45-8)
10
9
G26 22 LB
G26 22 LB
2 C2
IGNITION SWITCH
5 KEY OUT
6 KEY IN
(8W-10-22)
1 C2
3 C1
4 C1
12 C1
13 C1
9 C1
10 C1
HEADLAMP SWITCH
(8W-50-2)
(8W-50-3)
0 OFF
1 PARK
2 HEAD
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
G75 22 TN
G75 22 TN
M22 22 WT
M22 22 WT
9
19
11
10
JOINT CONNECTOR NO. 8
JOINT CONNECTOR NO. 6
DOOR AJAR SWITCH SENSE
CENTRAL TIMER MODULE
5 C1
G16 22 BK/LB
8
18
12
G75 22 TN
G75 22 TN
M22 22 WT
18
10
15 C203
G75 18 TN
M22 20 WT
G16 18 BK/LB
1 C1
DRIVER DOOR AJAR SWITCH SENSE
CENTRAL TIMER MODULE (BASE)
S332
M22 18 WT
M22 18 WT
BASE
OTHER
2
3
2
DRIVER DOOR AJAR SWITCH
PASSENGER DOOR AJAR SWITCH
1
1
Z2 18 BK/LG
S305
(8W-15-16)
Z2 18 BK/LG
Z2 14 BK/LG
1
5
G300
(8W-15-16)

8W-47 AUDIO SYSTEM

Component	Page
Central Timer Module	8w-47-4
Clockspring	8w-47-4
Data Link Connector	8w-47-2
Fuse 4 (JB)	8w-47-7
Fuse 5 (JB)	8w-47-3
Fuse 8 (JB)	8w-47-2
Fuse 12 (JB)	8w-47-2
Fuse F (PDC)	8w-47-3
G100	8w-47-2, 4, 7, 8
Headlamp Switch	8w-47-3
Instrument Cluster	8w-47-3
Joint Connector No. 5	8w-47-2, 3
Joint Connector No. 6	8w-47-4, 7, 8
Joint Connector No. 7	8w-47-2, 4
Joint Connector No. 8	8w-47-3
Junction Block	8w-47-2, 3, 7
Left Front Door Speaker	8w-47-5, 7, 8, 9
Left Rear Speaker	8w-47-6, 9
Left Remote Radio Switch	8w-47-4
Left Tweeter	8w-47-8
Power Distribution Center	8w-47-3
Radio	8w-47-2, 3, 4, 5, 6, 7, 8, 9
Radio Choke Relay	8w-47-7, 8
Right Front Door Speaker	8w-47-5, 7, 8, 9
Right Rear Speaker	8w-47-6, 9
Right Remote Radio Switch	8w-47-4
Right Tweeter	8w-47-8

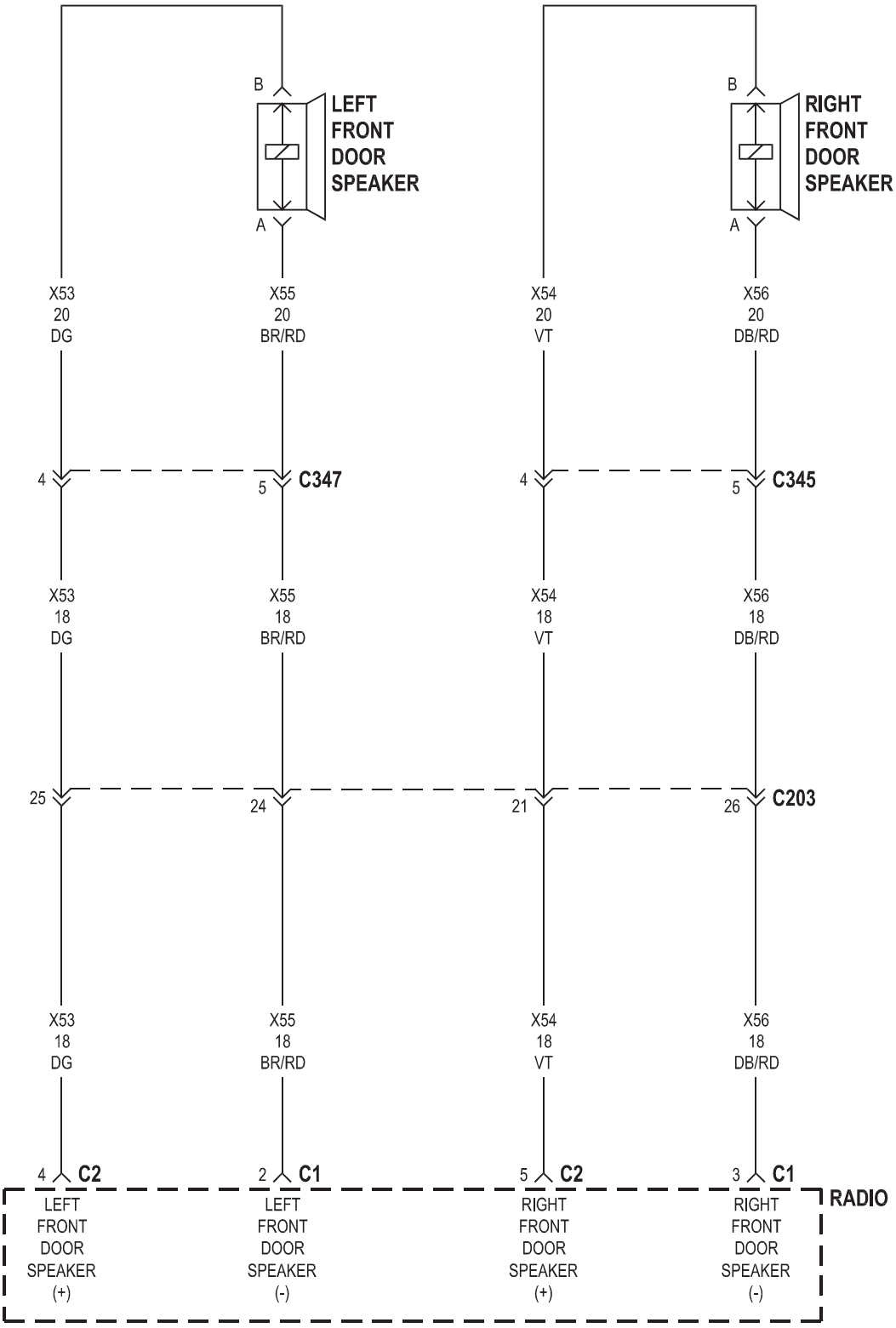

RUN-ACC A31
(8W-12-6)
BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
12
FUSE 8 10A
11
(8W-12-11)
20
FUSE 12 10A
19
(8W-12-14)
3 C4
9 C7
3
11
DATA LINK CONNECTOR
(8W-18-2)
(8W-18-3)
X12 16 RD/WT
D1 18 VT/BR
D2 18 WT/BK
M1 22 PK
2
5
3
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
JOINT CONNECTOR NO. 5
(8W-12-14)
20
17
12
D1 20 VT/BR
D2 20 WT/BK
M1 22 PK
6 C1
1 C3
2 C3
7 C1
RADIO
FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
CCD BUS (+)
CCD BUS (-)
FUSED B (+)
Z5 18 BK/DB
34 C134
Z5 18 BK/DB
G100
(8W-15-5)

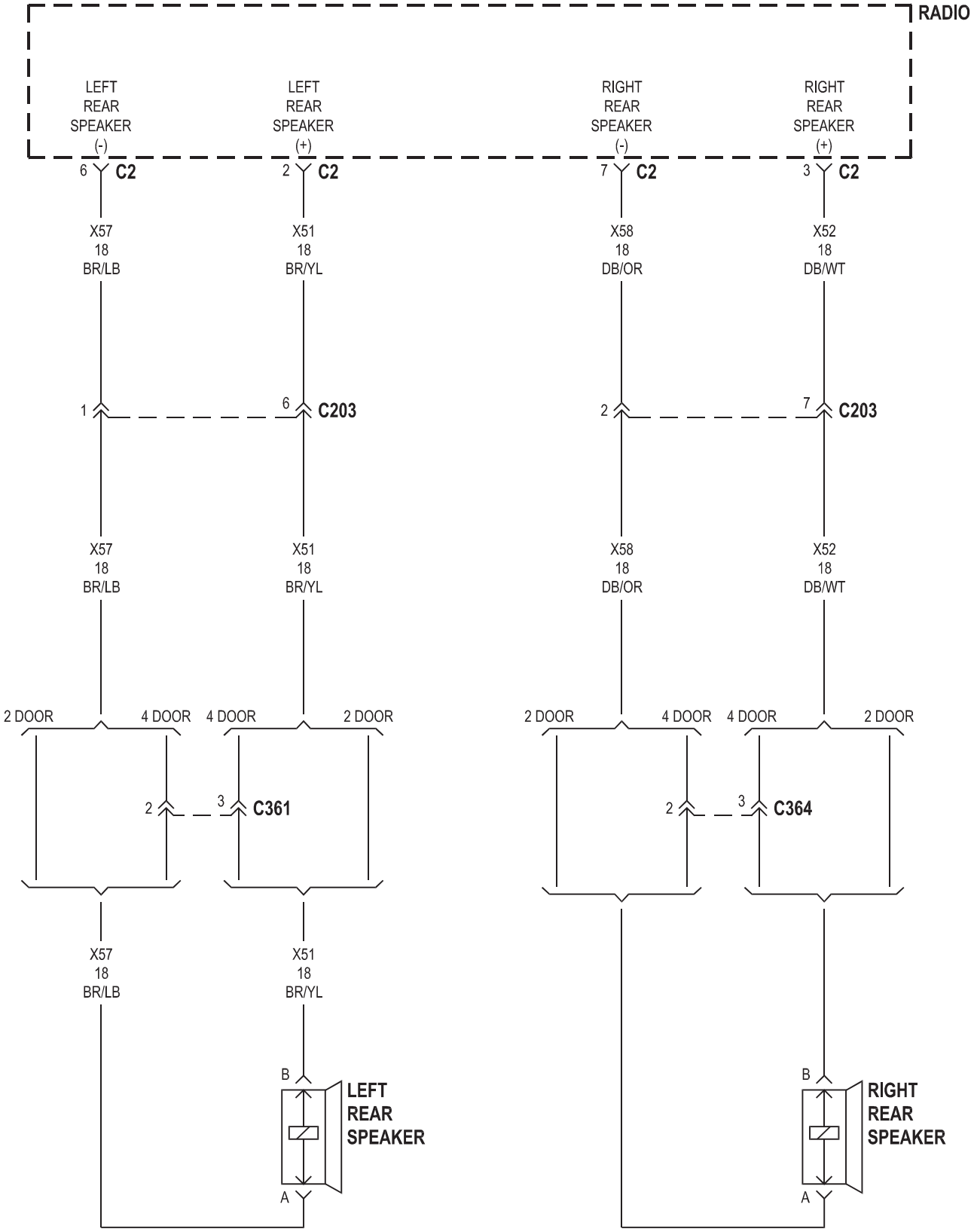

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
F
20A
(8W-10-24)
F
F33
16
PK/RD
61
C134
2
C1
HEADLAMP SWITCH
(8W-50-2)
(8W-50-3)
0 OFF
1 PARK
2 HEAD
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
8
C1
E17
18
YL/BK
14
C1
E1
18
TN
13
JOINT CONNECTOR NO. 8
(8W-40-5)
9
C4
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
FUSE
5
5A
(8W-12-9)
7
C5
14
15
E17
18
YL/BK
E17
18
YL/BK
E2
22
OR
5
C2
DAY BRIGHTNESS SENSE
INSTRUMENT CLUSTER
(8W-40-5)
10
JOINT CONNECTOR NO. 5
(8W-12-9)
20
E2
22
OR
4
C1
DAY BRIGHTNESS SENSE
5
C1
PANEL LAMPS FEED
RADIO

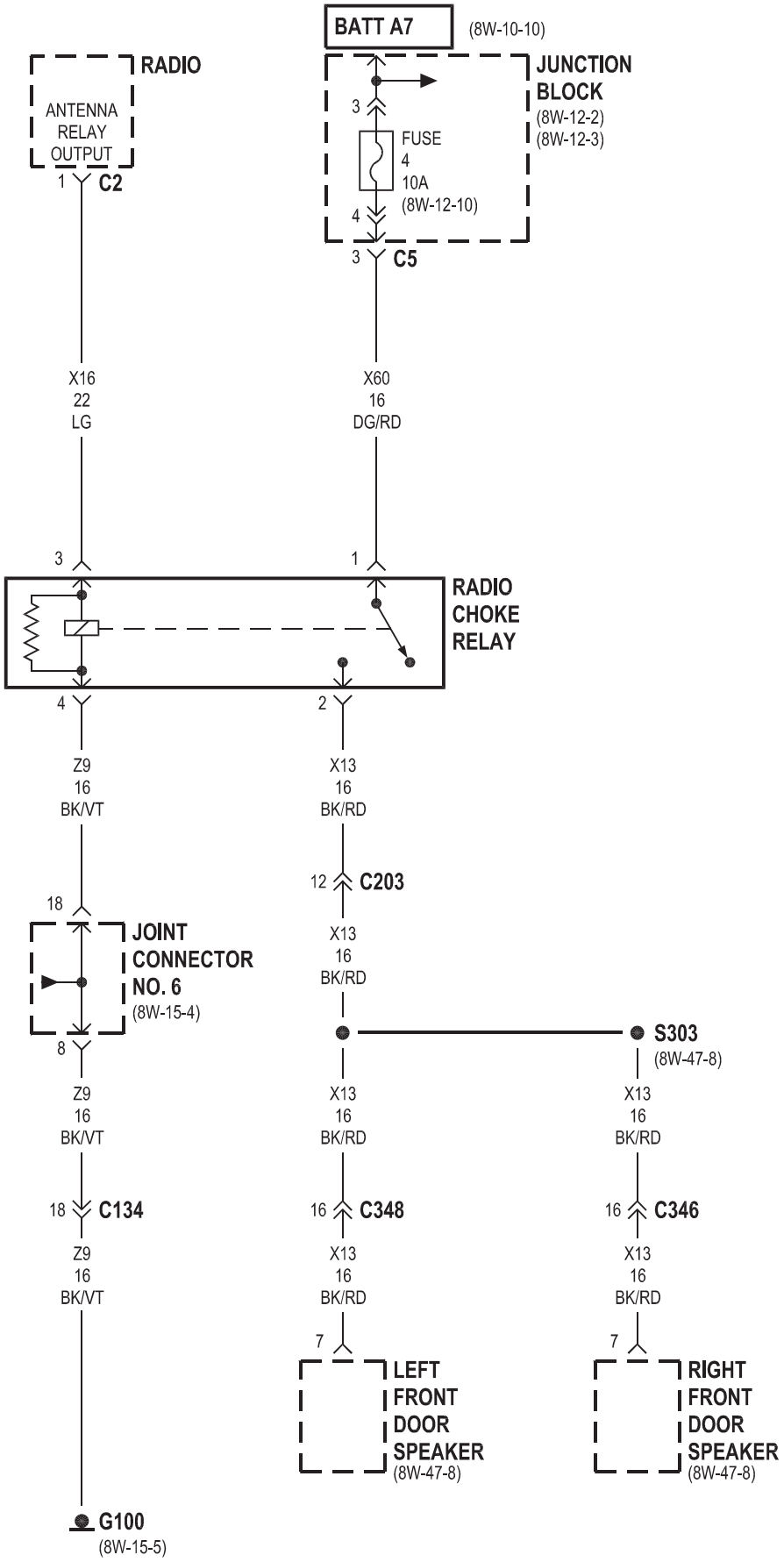


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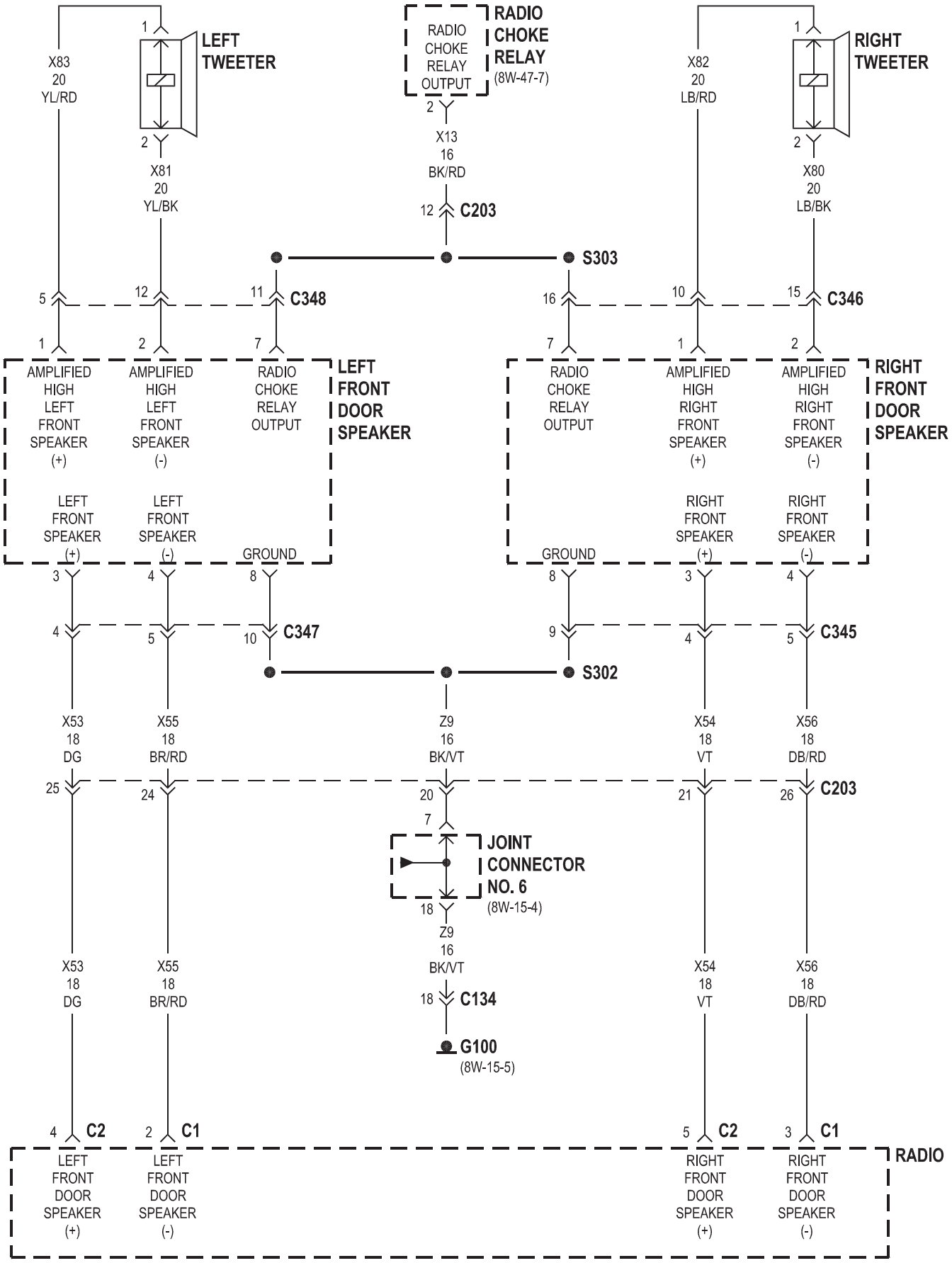
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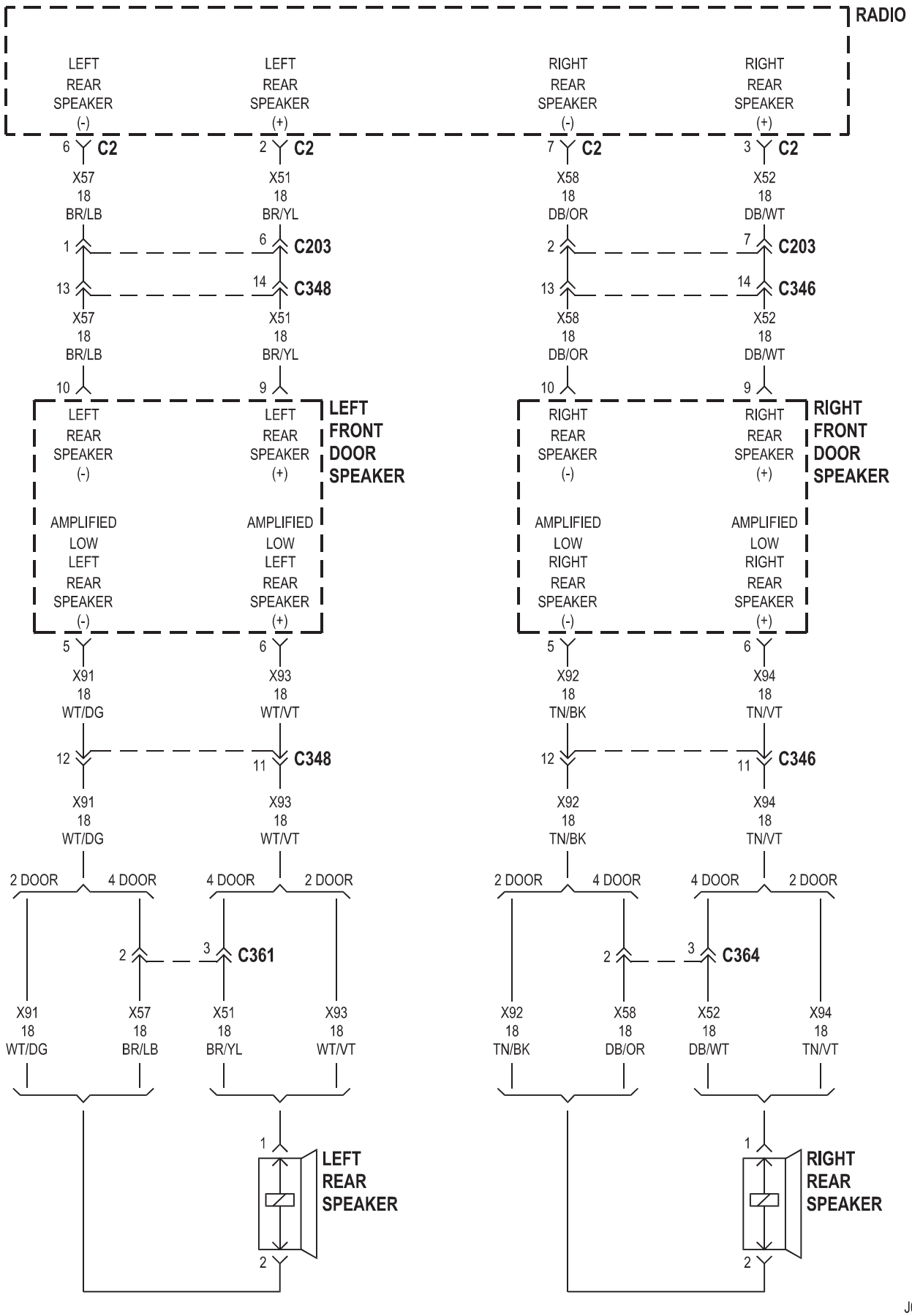

B
LEFT FRONT DOOR SPEAKER
A
B
RIGHT FRONT DOOR SPEAKER
A
X53 20 DG
X55 20 BR/RD
X54 20 VT
X56 20 DB/RD
4
5
C347
4
5
C345
X53 18 DG
X55 18 BR/RD
X54 18 VT
X56 18 DB/RD
25
24
21
26
C203
X53 18 DG
X55 18 BR/RD
X54 18 VT
X56 18 DB/RD
4
C2
2
C1
5
C2
3
C1
RADIO
LEFT FRONT DOOR SPEAKER (+)
LEFT FRONT DOOR SPEAKER (-)
RIGHT FRONT DOOR SPEAKER (+)
RIGHT FRONT DOOR SPEAKER (-)


RADIO
LEFT REAR SPEAKER (-)
LEFT REAR SPEAKER (+)
RIGHT REAR SPEAKER (-)
RIGHT REAR SPEAKER (+)
6 C2
2 C2
7 C2
3 C2
X57 18 BR/LB
X51 18 BR/YL
X58 18 DB/OR
X52 18 DB/WT
1
6 C203
2
7 C203
2 DOOR
4 DOOR
4 DOOR
2 DOOR
2
3 C361
2
3 C364
B
A
LEFT REAR SPEAKER
RIGHT REAR SPEAKER


BATT A7
(8W-10-10)
RADIO
ANTENNA
RELAY
OUTPUT
1
C2
JUNCTION
BLOCK
(8W-12-2)
(8W-12-3)
3
FUSE
4
10A
(8W-12-10)
4
3
C5
X16
22
LG
X60
16
DG/RD
3
1
RADIO
CHOKE
RELAY
4
2
Z9
16
BK/VT
X13
16
BK/RD
12
C203
18
JOINT
CONNECTOR
NO. 6
(8W-15-4)
X13
16
BK/RD
S303
(8W-47-8)
8
Z9
16
BK/VT
X13
16
BK/RD
X13
16
BK/RD
18
C134
16
C348
16
C346
Z9
16
BK/VT
X13
16
BK/RD
X13
16
BK/RD
7
7
LEFT
FRONT
DOOR
SPEAKER
(8W-47-8)
RIGHT
FRONT
DOOR
SPEAKER
(8W-47-8)
G100
(8W-15-5)

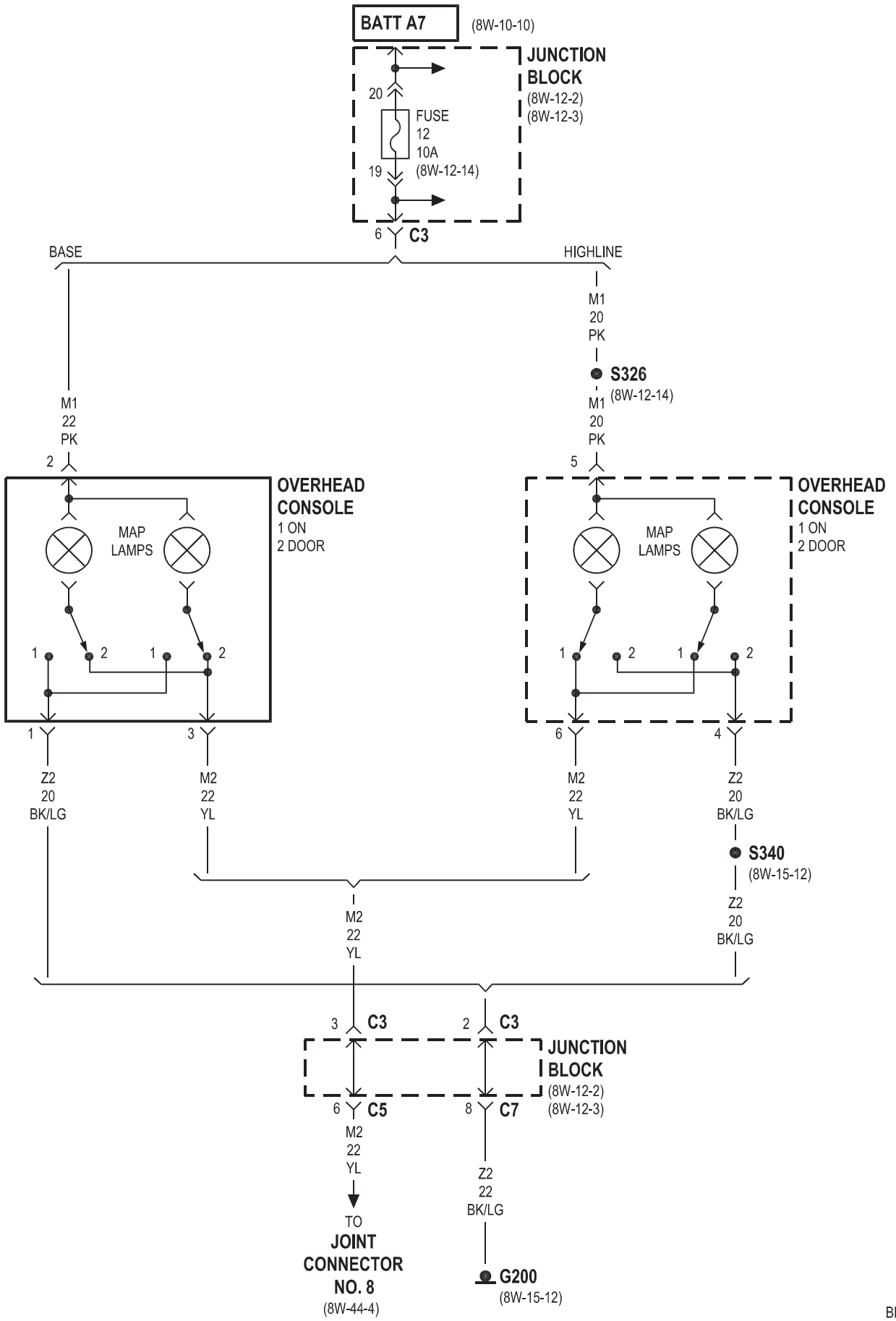
PREMIUM

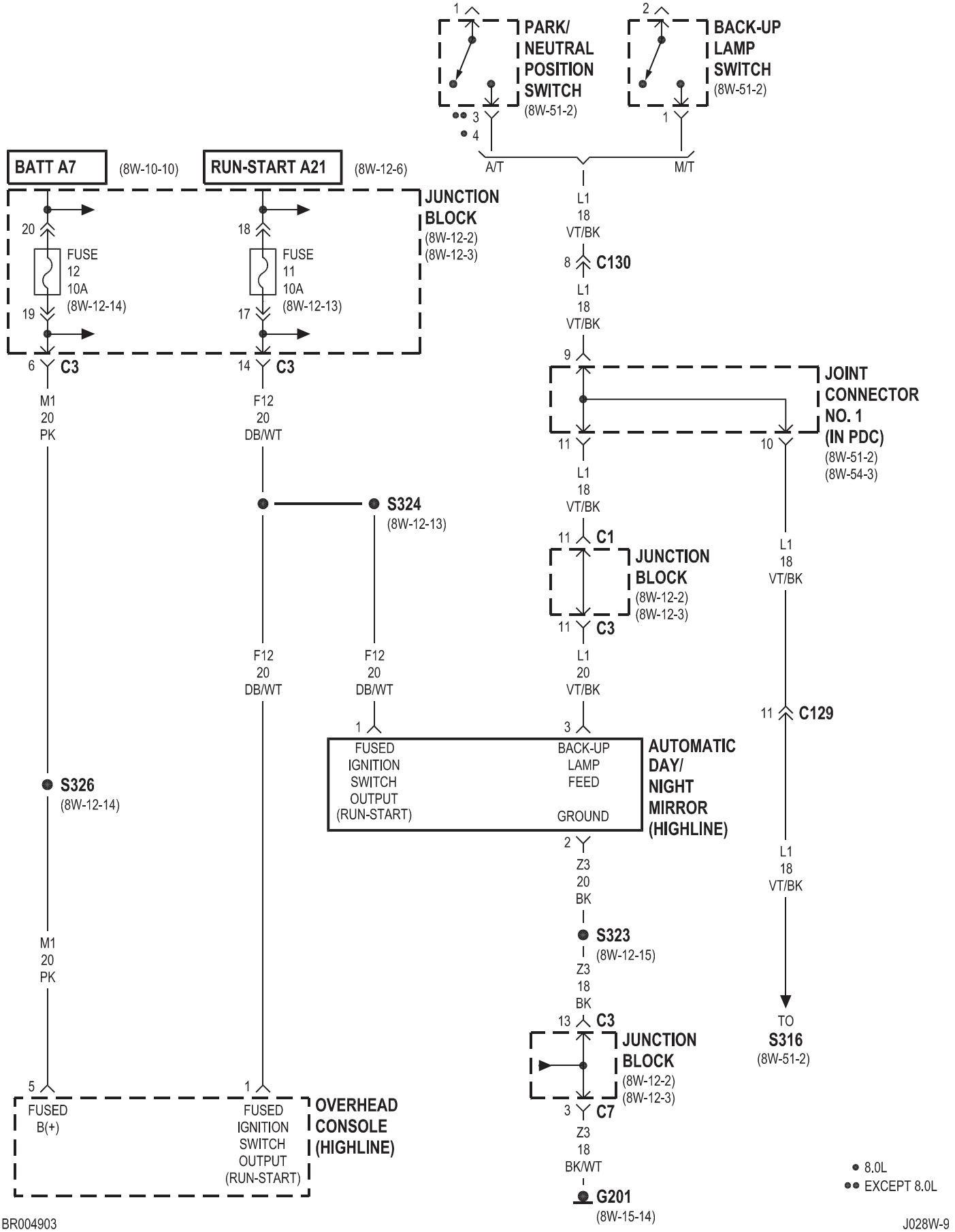

LEFT TWEETER
RADIO CHOKE RELAY
RADIO CHOKE RELAY OUTPUT
(8W-47-7)
RIGHT TWEETER
X83 20 YL/RD
X81 20 YL/BK
X13 16 BK/RD
C203
X82 20 LB/RD
X80 20 LB/BK
S303
C348
C346
LEFT FRONT DOOR SPEAKER
AMPLIFIED HIGH LEFT FRONT SPEAKER (+)
AMPLIFIED HIGH LEFT FRONT SPEAKER (-)
RADIO CHOKE RELAY OUTPUT
RIGHT FRONT DOOR SPEAKER
RADIO CHOKE RELAY OUTPUT
AMPLIFIED HIGH RIGHT FRONT SPEAKER (+)
AMPLIFIED HIGH RIGHT FRONT SPEAKER (-)
LEFT FRONT SPEAKER (+)
LEFT FRONT SPEAKER (-)
GROUND
RIGHT FRONT SPEAKER (+)
RIGHT FRONT SPEAKER (-)
GROUND
C347
C345
S302
X53 18 DG
X55 18 BR/RD
Z9 16 BK/VT
X54 18 VT
X56 18 DB/RD
C203
JOINT CONNECTOR NO. 6
(8W-15-4)
Z9 16 BK/VT
C134
G100
(8W-15-5)
X53 18 DG
X55 18 BR/RD
X54 18 VT
X56 18 DB/RD
C2
C1
C2
C1
RADIO
LEFT FRONT DOOR SPEAKER (+)
LEFT FRONT DOOR SPEAKER (-)
RIGHT FRONT DOOR SPEAKER (+)
RIGHT FRONT DOOR SPEAKER (-)

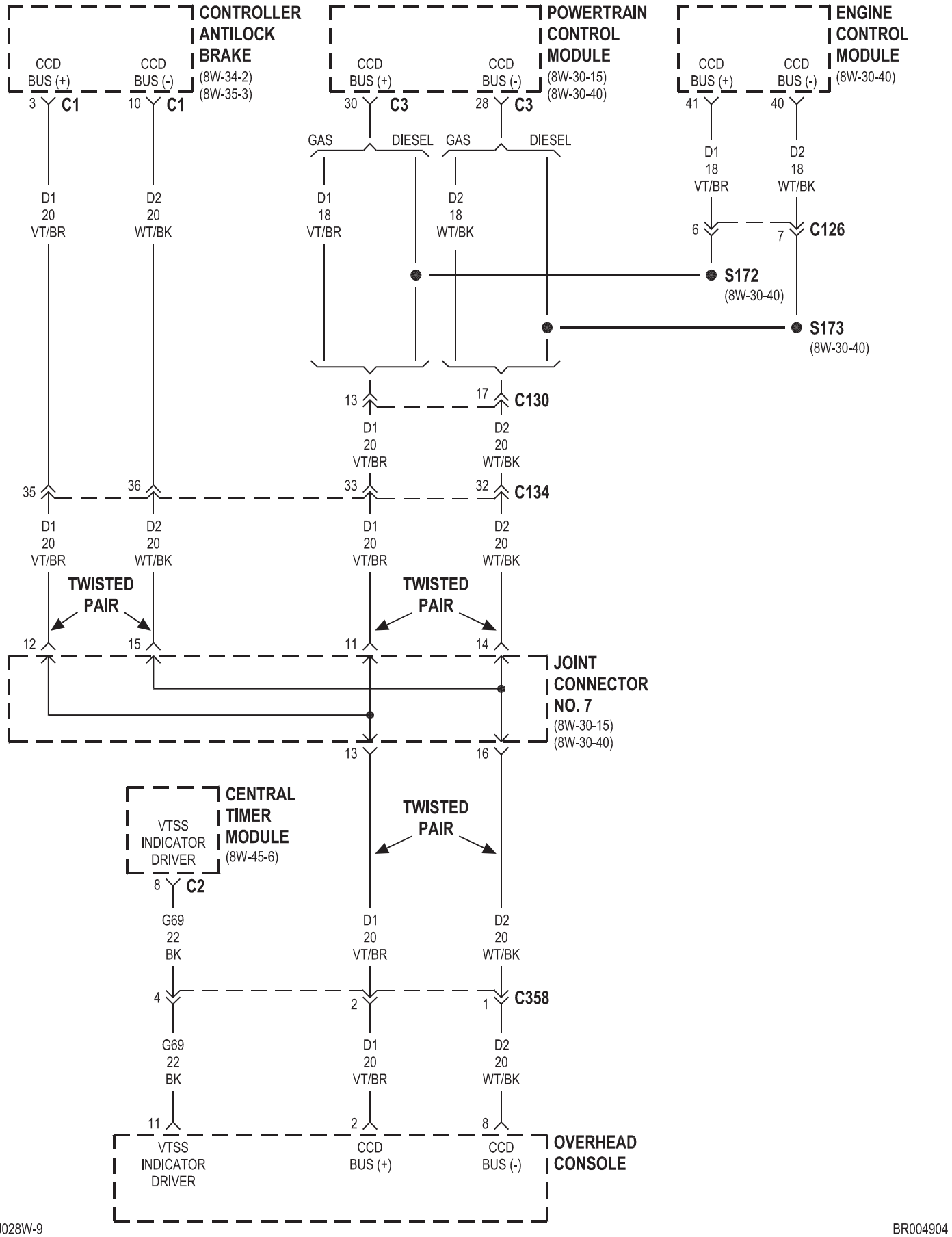

RADIO
LEFT REAR SPEAKER (-)
LEFT REAR SPEAKER (+)
RIGHT REAR SPEAKER (-)
RIGHT REAR SPEAKER (+)
6 C2
2 C2
7 C2
3 C2
X57 18 BR/LB
X51 18 BR/YL
X58 18 DB/OR
X52 18 DB/WT
1
6 C203
2
7 C203
13
14 C348
13
14 C346
X57 18 BR/LB
X51 18 BR/YL
X58 18 DB/OR
X52 18 DB/WT
10
9
10
9
LEFT FRONT DOOR SPEAKER
RIGHT FRONT DOOR SPEAKER
AMPLIFIED LOW LEFT REAR SPEAKER (-)
AMPLIFIED LOW LEFT REAR SPEAKER (+)
AMPLIFIED LOW RIGHT REAR SPEAKER (-)
AMPLIFIED LOW RIGHT REAR SPEAKER (+)
5
6
5
6
X91 18 WT/DG
X93 18 WT/VT
X92 18 TN/BK
X94 18 TN/VT
12
11 C348
12
11 C346
X91 18 WT/DG
X93 18 WT/VT
X92 18 TN/BK
X94 18 TN/VT
2 DOOR
4 DOOR
4 DOOR
2 DOOR
2 DOOR
4 DOOR
4 DOOR
2 DOOR
2
3 C361
2
3 C364
X91 18 WT/DG
X57 18 BR/LB
X51 18 BR/YL
X93 18 WT/VT
X92 18 TN/BK
X58 18 DB/OR
X52 18 DB/WT
X94 18 TN/VT
1
2
LEFT REAR SPEAKER
1
2
RIGHT REAR SPEAKER

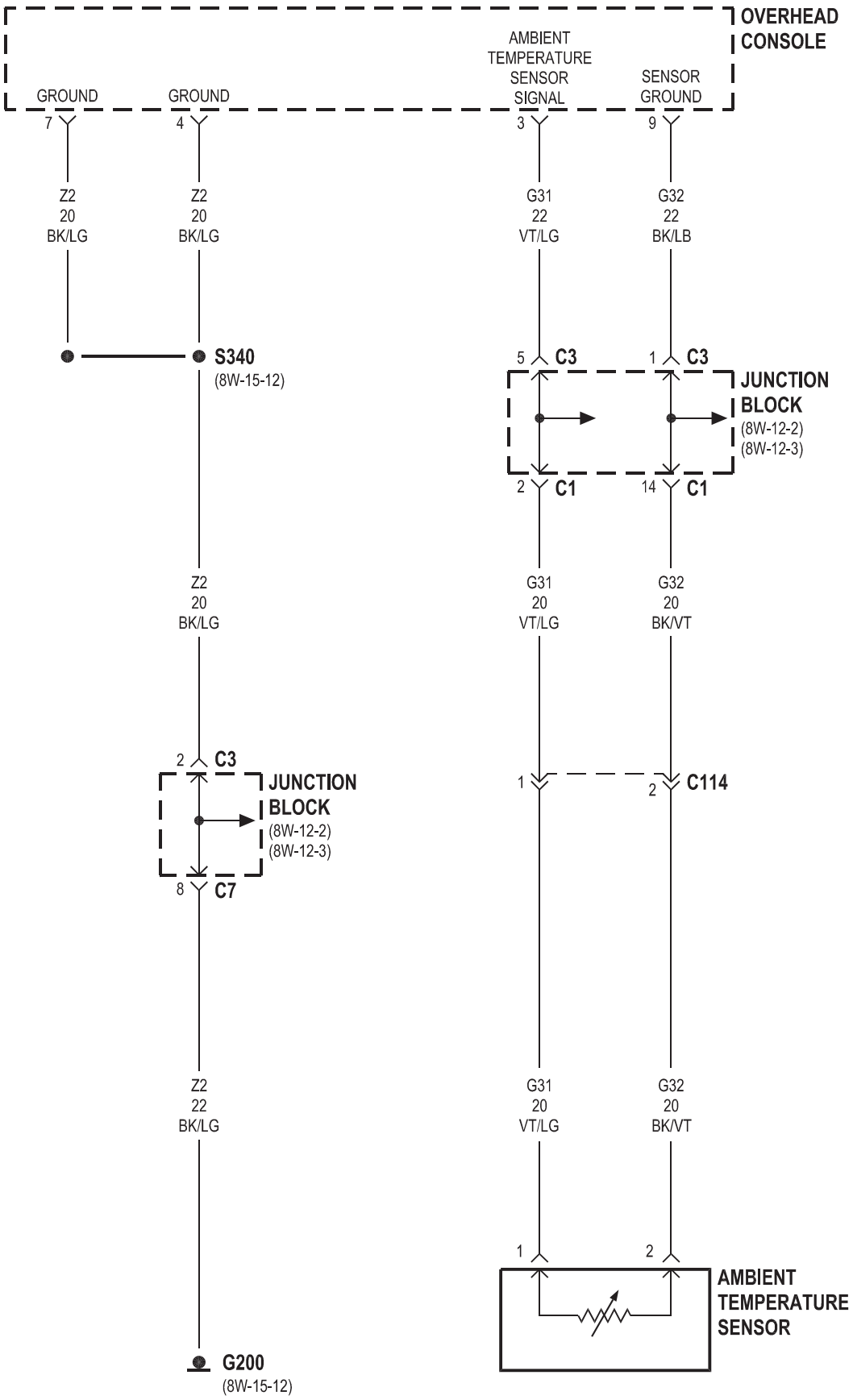
8W-49 OVERHEAD CONSOLE

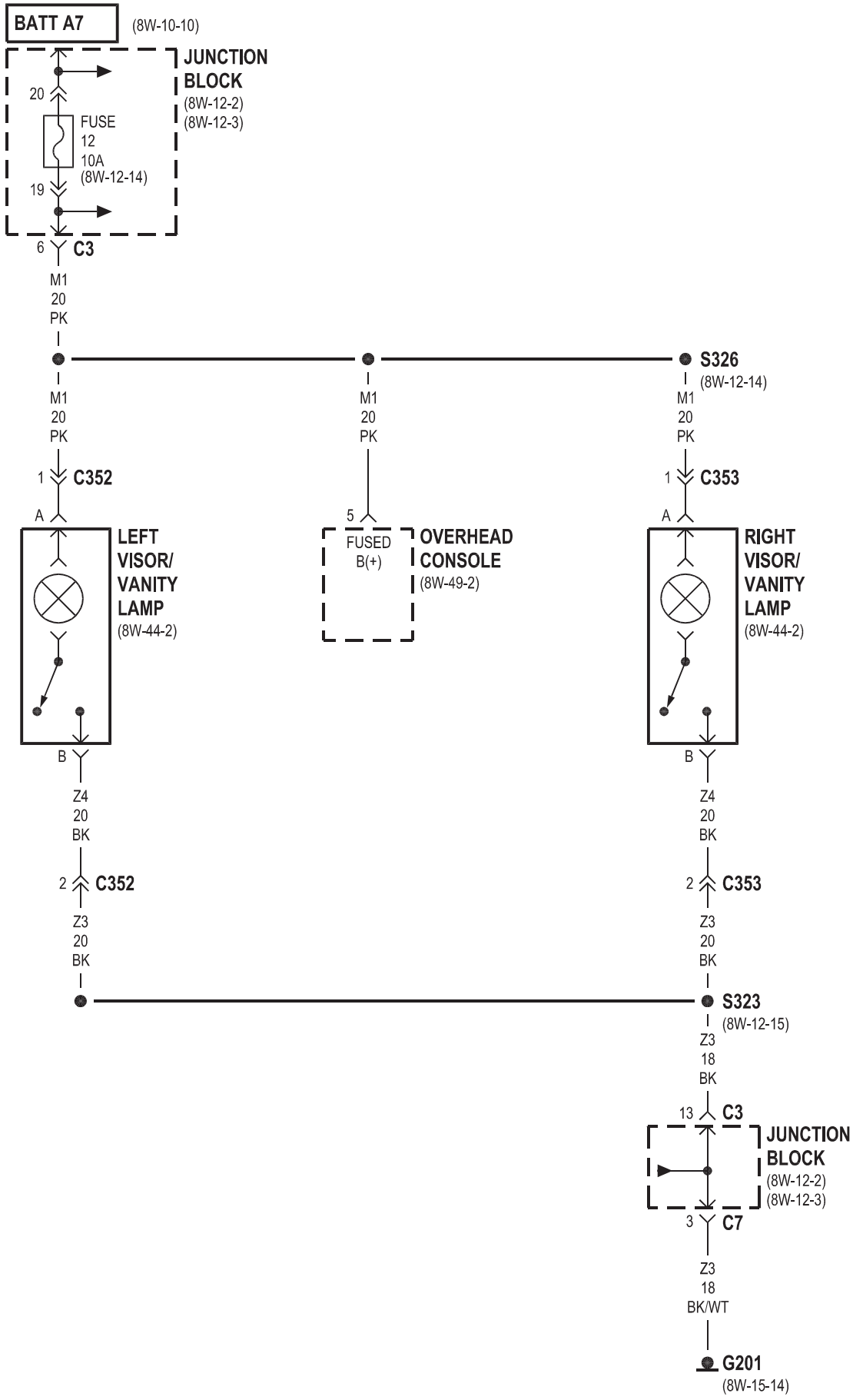
Component	Page
Ambient Temperature Sensor	8W-49-5
Automatic Day/Night Mirror	8W-49-3
Back-Up Lamp Switch	8W-49-3
Central Timer Module	8W-49-4
Controller Antilock Brake	8W-49-4
Engine Control Module	8W-49-4
Fuse 11 (JB)	8W-49-3
Fuse 12 (JB)	8W-49-2, 3, 6
G200	8W-49-2, 5
G201	8W-49-3, 6
Joint Connector No. 1	8W-49-3
Joint Connector No. 7	8W-49-4
Joint Connector No. 8	8W-49-2
Junction Block	8W-49-2, 3, 5, 6
Left Visor/Vanity Lamp	8W-49-6
Overhead Console	8W-49-2, 3, 4, 5, 6
Park/Neutral Position Switch	8W-49-3
Powertrain Control Module	8W-49-4
Right Visor/Vanity Lamp	8W-49-6


BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
19
(8W-12-14)
6
C3
BASE
HIGHLINE
M1 20 PK
S326
(8W-12-14)
M1 22 PK
2
5
OVERHEAD CONSOLE
1 ON 2 DOOR
MAP LAMPS
1
2
3
4
6
Z2 20 BK/LG
M2 22 YL
S340
(8W-15-12)
3
C3
2
C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
6
C5
8
C7
TO JOINT CONNECTOR NO. 8
(8W-44-4)
Z2 22 BK/LG
G200
(8W-15-12)


PARK/ NEUTRAL POSITION SWITCH (8W-51-2)
BACK-UP LAMP SWITCH (8W-51-2)
A/T
M/T
BATT A7 (8W-10-10)
RUN-START A21 (8W-12-6)
JUNCTION BLOCK (8W-12-2) (8W-12-3)
FUSE 12 10A (8W-12-14)
FUSE 11 10A (8W-12-13)
L1 18 VT/BK
C130
JOINT CONNECTOR NO. 1 (IN PDC) (8W-51-2) (8W-54-3)
C3
M1 20 PK
F12 20 DB/WT
S324 (8W-12-13)
C1
JUNCTION BLOCK (8W-12-2) (8W-12-3)
L1 20 VT/BK
C129
S326 (8W-12-14)
FUSED IGNITION SWITCH OUTPUT (RUN-START)
BACK-UP LAMP FEED
GROUND
AUTOMATIC DAY/ NIGHT MIRROR (HIGHLINE)
Z3 20 BK
S323 (8W-12-15)
Z3 18 BK
TO S316 (8W-51-2)
FUSED B(+)
OVERHEAD CONSOLE (HIGHLINE)
C7
Z3 18 BK/WT
G201 (8W-15-14)
8.0L
EXCEPT 8.0L

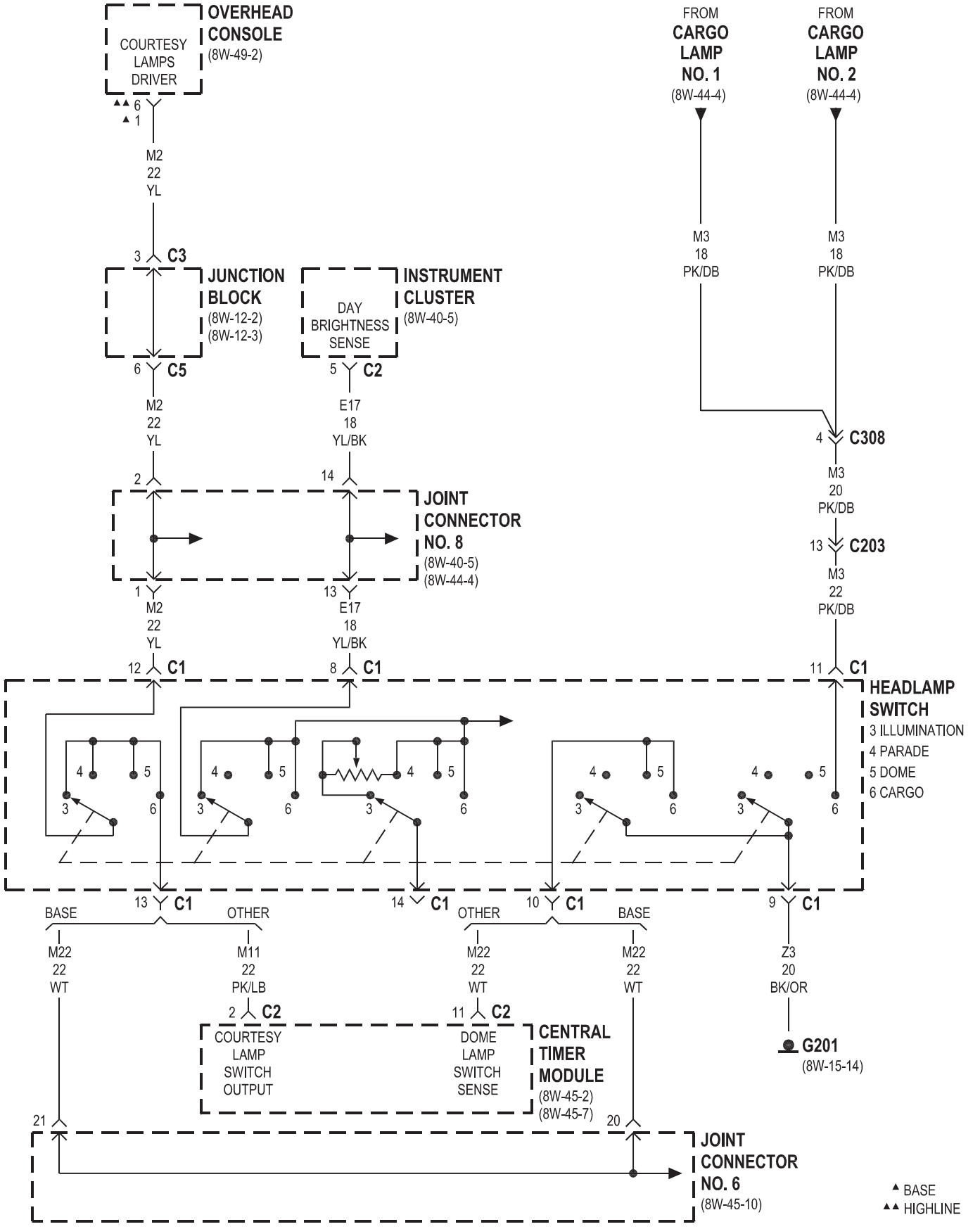

CONTROLLER ANTILOCK BRAKE
(8W-34-2)
(8W-35-3)
CCD BUS (+)
CCD BUS (-)
3 C1
10 C1
POWERTRAIN CONTROL MODULE
(8W-30-15)
(8W-30-40)
30 C3
28 C3
GAS
DIESEL
ENGINE CONTROL MODULE
(8W-30-40)
41
40
D1 20 VT/BR
D2 20 WT/BK
D1 18 VT/BR
D2 18 WT/BK
6
7 C126
S172
(8W-30-40)
S173
(8W-30-40)
13
17 C130
35
36
33
32 C134
TWISTED PAIR
12
15
11
14
JOINT CONNECTOR NO. 7
(8W-30-15)
(8W-30-40)
16
CENTRAL TIMER MODULE
(8W-45-6)
VTSS INDICATOR DRIVER
8 C2
G69 22 BK
4
2
1 C358
11
2
8
CCD BUS (+)
CCD BUS (-)
OVERHEAD CONSOLE

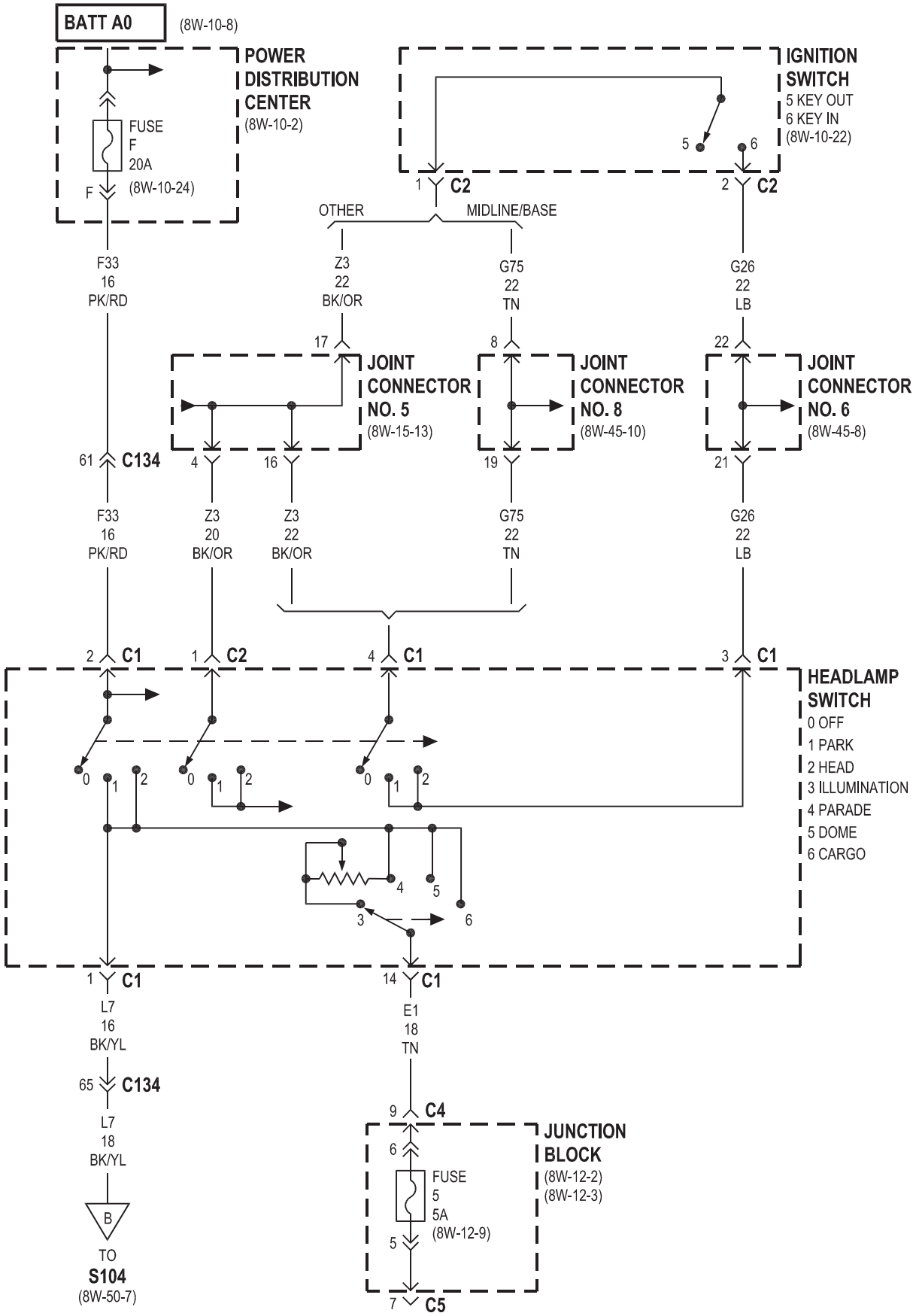

OVERHEAD CONSOLE
GROUND
GROUND
AMBIENT TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
7
4
3
9
Z2 20 BK/LG
Z2 20 BK/LG
G31 22 VT/LG
G32 22 BK/LB
S340
(8W-15-12)
5 C3
1 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
2 C1
14 C1
Z2 20 BK/LG
G31 20 VT/LG
G32 20 BK/VT
2 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
8 C7
1
2 C114
Z2 22 BK/LG
G31 20 VT/LG
G32 20 BK/VT
1
2
AMBIENT TEMPERATURE SENSOR
G200
(8W-15-12)

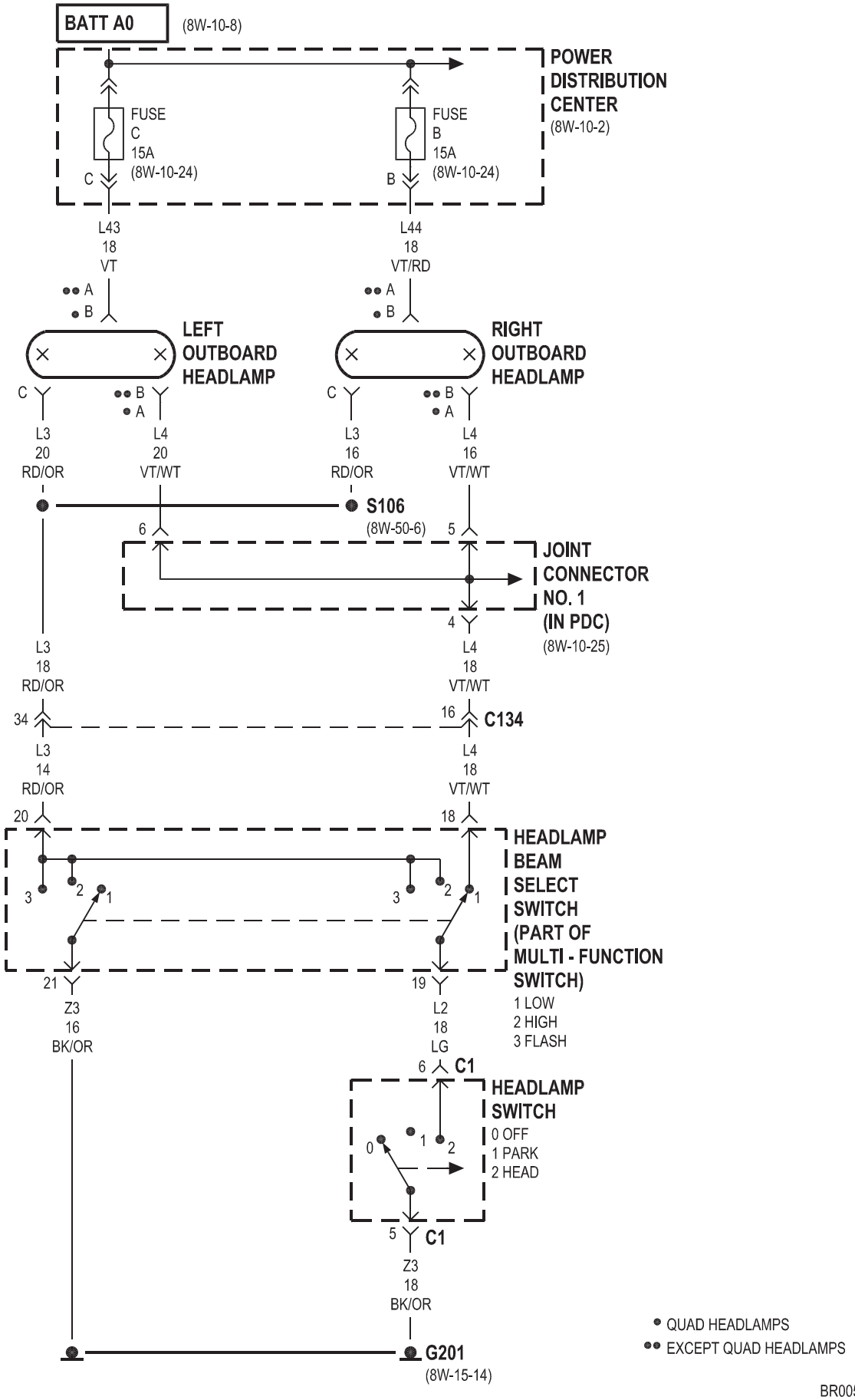

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
20
FUSE 12 10A
(8W-12-14)
19
6 C3
M1 20 PK
S326
(8W-12-14)
1 C352
A
LEFT VISOR/ VANITY LAMP
(8W-44-2)
B
Z4 20 BK
2 C352
Z3 20 BK
5
FUSED B(+)
OVERHEAD CONSOLE
(8W-49-2)
1 C353
A
RIGHT VISOR/ VANITY LAMP
(8W-44-2)
B
Z4 20 BK
2 C353
Z3 20 BK
S323
(8W-12-15)
Z3 18 BK
13 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
3 C7
Z3 18 BK/WT
G201
(8W-15-14)

8W-50 FRONT LIGHTING

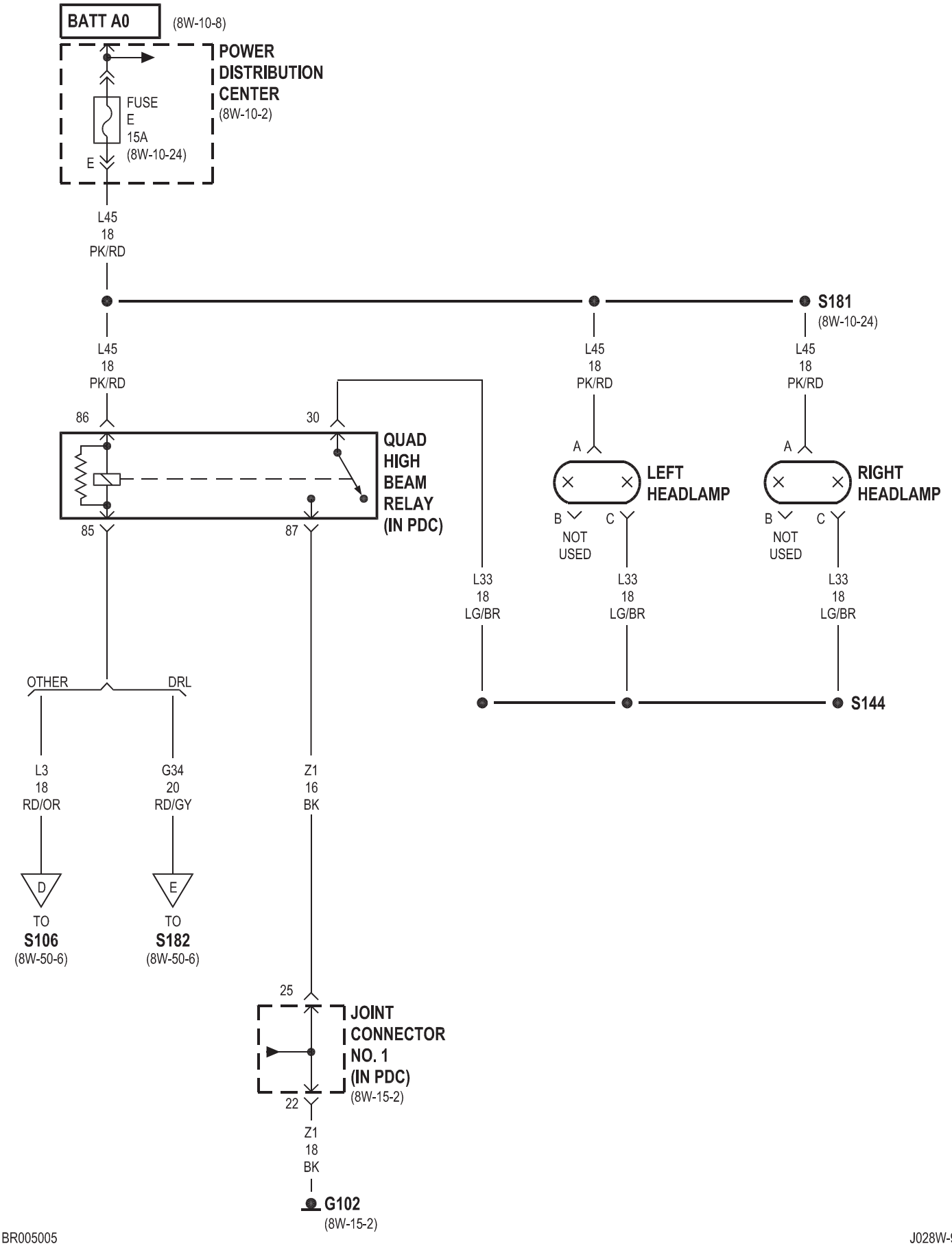
Component	Page
Cargo Lamp No. 1	8W-50-2
Cargo Lamp No. 2	8W-50-2
Center Identification Lamp	8W-50-8
Central Timer Module	8W-50-2
Daytime Running Lamp Module	8W-50-6, 9, 11, 12, 13
Fog Lamp Relay	8W-50-6, 10, 11, 12
Fuse 5 (JB)	8W-50-3
Fuse 7 (JB)	8W-50-12
Fuse 14 (JB)	8W-50-6, 9
Fuse B (PDC)	8W-50-4
Fuse C (PDC)	8W-50-4
Fuse E (PDC)	8W-50-5
Fuse F (PDC)	8W-50-3, 10, 11
Fuse G (PDC)	8W-50-10, 11, 12
G100	8W-50-7, 12
G102	8W-50-5, 13
G201	8W-50-2, 4, 6, 9, 10, 11
G302	8W-50-8
Headlamp Beam Select Switch	8W-50-4, 6, 9, 10, 13
Headlamp Switch	8W-50-2, 3, 4, 10, 11
Ignition Switch	8W-50-3
Instrument Cluster	8W-50-2, 6, 9, 13
Joint Connector No. 1	8W-50-4, 5, 13
Joint Connector No. 5	8W-50-3, 10, 11
Joint Connector No. 6	8W-50-2, 3
Joint Connector No. 8	8W-50-2, 3
Junction Block	8W-50-2, 3, 6, 7, 8, 9, 12
Left Fog Lamp	8W-50-10, 11
Left Headlamp	8W-50-5
Left Outboard Clearance Lamp	8W-50-8
Left Outboard Headlamp	8W-50-4, 6
Left Outboard Identification Lamp	8W-50-8
Left Park/Turn Signal Lamp	8W-50-7
Overhead Console	8W-50-2
Park Brake Switch	8W-50-12
Power Distribution Center	8W-50-3, 4, 5, 10, 11, 12
Quad High Beam Relay	8W-50-5, 6, 13
Right Fog Lamp	8W-50-10, 11
Right Headlamp	8W-50-5
Right Outboard Clearance Lamp	8W-50-8
Right Outboard Headlamp	8W-50-4, 6
Right Outboard Identification Lamp	8W-50-8
Right Park/Turn Signal Lamp	8W-50-7
Security Relay	8W-50-13
Trailer Tow Relay	8W-50-7

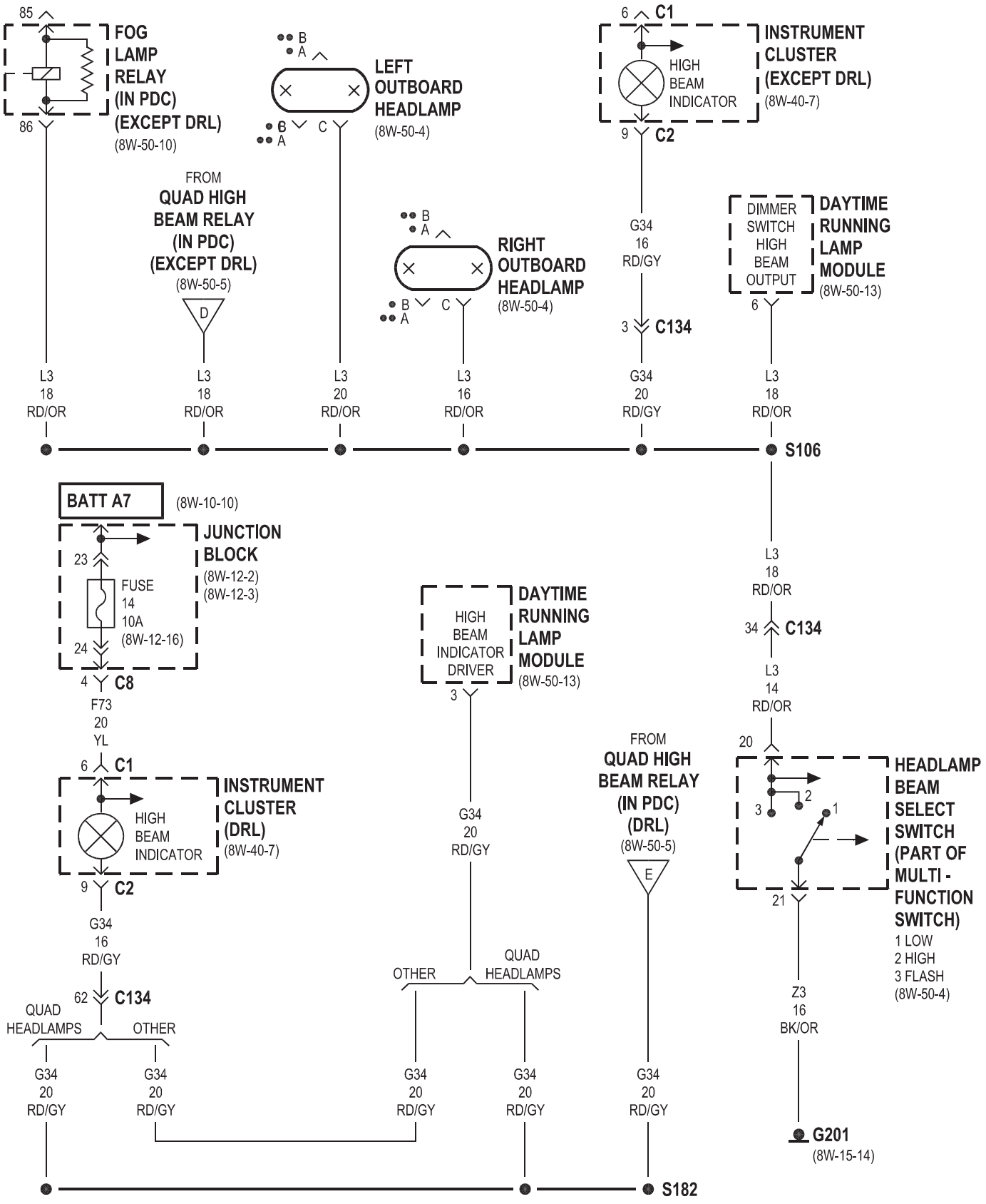

OVERHEAD CONSOLE
(8W-49-2)
COURTESY LAMPS DRIVER
▲▲ 6
▲ 1
M2
22
YL
3 C3
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
6 C5
DAY BRIGHTNESS SENSE
INSTRUMENT CLUSTER
(8W-40-5)
5 C2
E17
18
YL/BK
14
FROM CARGO LAMP NO. 1
(8W-44-4)
FROM CARGO LAMP NO. 2
(8W-44-4)
M3
18
PK/DB
4 C308
M3
20
PK/DB
13 C203
M3
22
PK/DB
11 C1
JOINT CONNECTOR NO. 8
(8W-40-5)
(8W-44-4)
2
1
13
M2
22
YL
12 C1
8 C1
HEADLAMP SWITCH
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
13 C1
14 C1
10 C1
9 C1
BASE
OTHER
OTHER
BASE
M22
22
WT
M11
22
PK/LB
M22
22
WT
M22
22
WT
Z3
20
BK/OR
2 C2
11 C2
COURTESY LAMP SWITCH OUTPUT
DOME LAMP SWITCH SENSE
CENTRAL TIMER MODULE
(8W-45-2)
(8W-45-7)
G201
(8W-15-14)
21
20
JOINT CONNECTOR NO. 6
(8W-45-10)
▲ BASE
▲▲ HIGHLINE

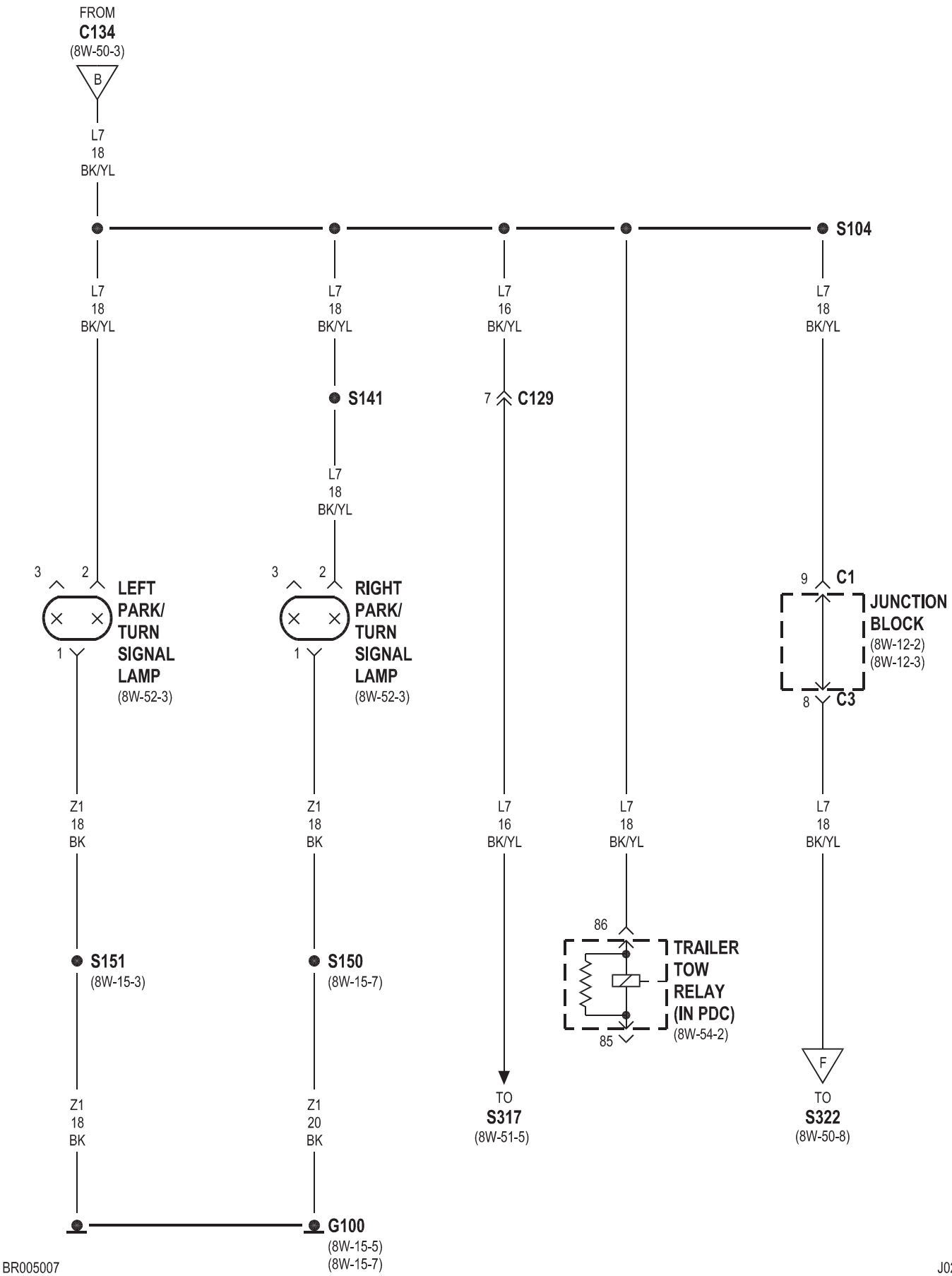

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
F
20A
F
(8W-10-24)
IGNITION SWITCH
5 KEY OUT
6 KEY IN
(8W-10-22)
5
6
1 C2
2 C2
OTHER
MIDLINE/BASE
F33
16
PK/RD
Z3
22
BK/OR
G75
22
TN
G26
22
LB
17
8
22
JOINT CONNECTOR NO. 5
(8W-15-13)
JOINT CONNECTOR NO. 8
(8W-45-10)
JOINT CONNECTOR NO. 6
(8W-45-8)
61 C134
4
16
19
21
F33
16
PK/RD
Z3
20
BK/OR
Z3
22
BK/OR
G75
22
TN
G26
22
LB
2 C1
1 C2
4 C1
3 C1
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
3 ILLUMINATION
4 PARADE
5 DOME
6 CARGO
0
1
2
3
4
5
6
1 C1
14 C1
L7
16
BK/YL
E1
18
TN
65 C134
9 C4
L7
18
BK/YL
6
FUSE
5
5A
(8W-12-9)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
5
B
TO
S104
(8W-50-7)
7 C5

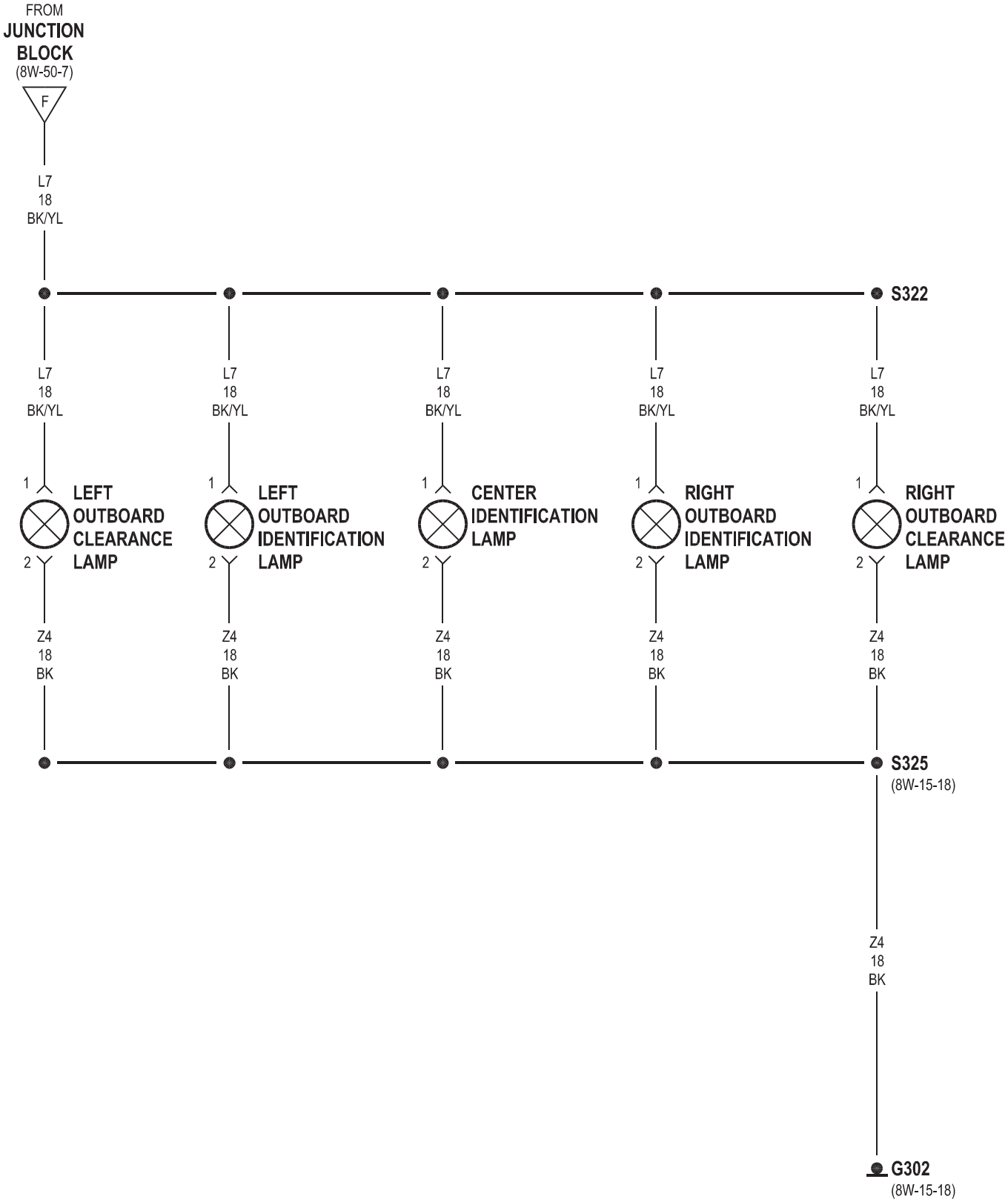

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE C 15A
(8W-10-24)
FUSE B 15A
(8W-10-24)
C
B
L43 18 VT
L44 18 VT/RD
A
B
LEFT OUTBOARD HEADLAMP
RIGHT OUTBOARD HEADLAMP
L3 20 RD/OR
L4 20 VT/WT
L3 16 RD/OR
L4 16 VT/WT
S106
(8W-50-6)
6
5
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-25)
4
L3 18 RD/OR
L4 18 VT/WT
34
16
C134
L3 14 RD/OR
L4 18 VT/WT
20
18
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI - FUNCTION SWITCH)
1 LOW
2 HIGH
3 FLASH
21
19
Z3 16 BK/OR
L2 18 LG
6
C1
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
5
C1
Z3 18 BK/OR
G201
(8W-15-14)
QUAD HEADLAMPS
EXCEPT QUAD HEADLAMPS

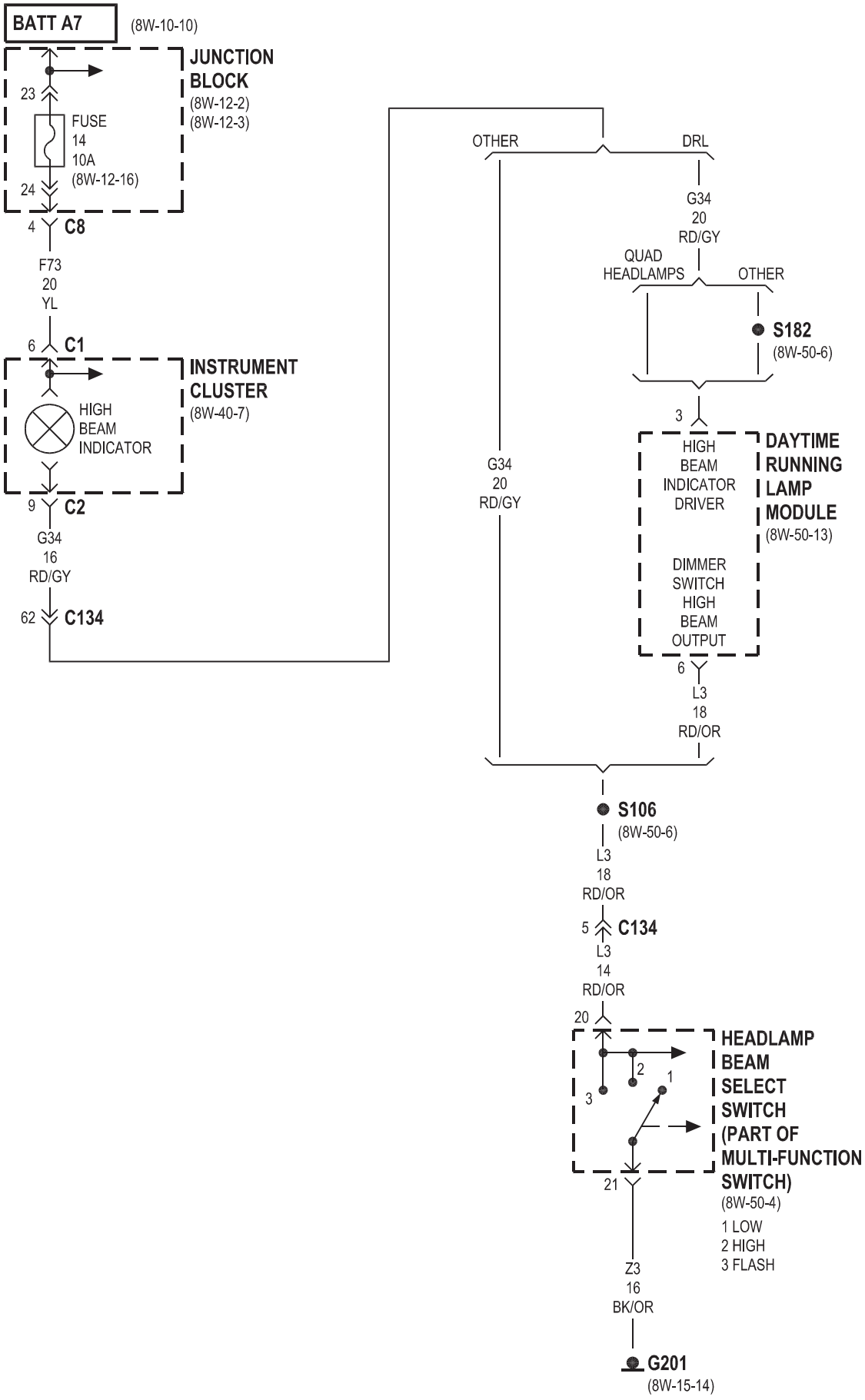
QUAD HEADLAMPS



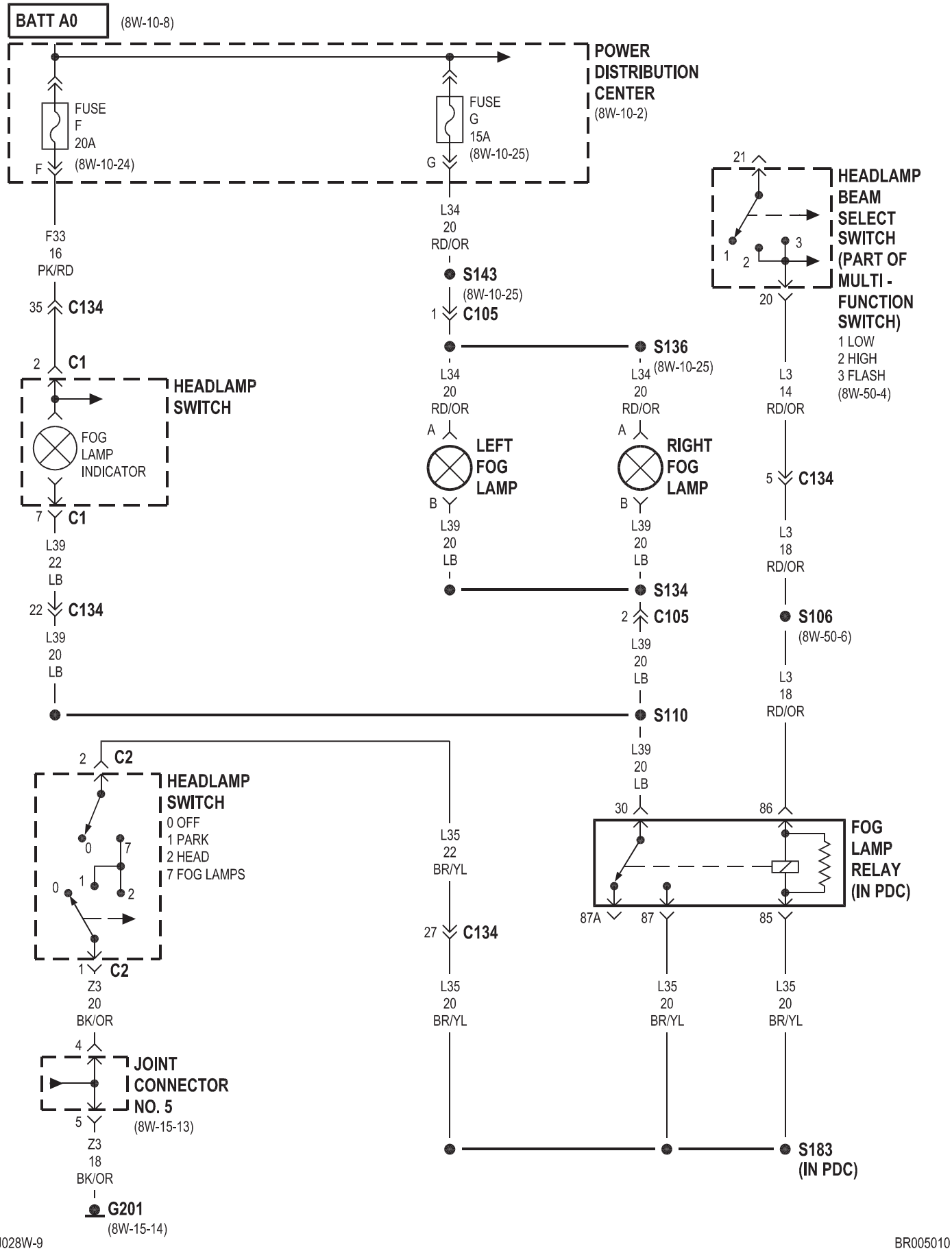

85
FOG LAMP RELAY (IN PDC) (EXCEPT DRL)
(8W-50-10)
86
B
A
B C
A
LEFT OUTBOARD HEADLAMP
(8W-50-4)
6 C1
HIGH BEAM INDICATOR
INSTRUMENT CLUSTER (EXCEPT DRL)
(8W-40-7)
9 C2
FROM
QUAD HIGH BEAM RELAY (IN PDC) (EXCEPT DRL)
(8W-50-5)
D
B
A
B C
A
RIGHT OUTBOARD HEADLAMP
(8W-50-4)
G34
16
RD/GY
3 C134
DIMMER SWITCH HIGH BEAM OUTPUT
DAYTIME RUNNING LAMP MODULE
(8W-50-13)
6
L3
18
RD/OR
L3
18
RD/OR
L3
20
RD/OR
L3
16
RD/OR
G34
20
RD/GY
L3
18
RD/OR
S106
BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
23
FUSE
14
10A
(8W-12-16)
24
4 C8
F73
20
YL
6 C1
INSTRUMENT CLUSTER (DRL)
(8W-40-7)
HIGH BEAM INDICATOR
9 C2
G34
16
RD/GY
62 C134
QUAD HEADLAMPS
OTHER
G34
20
RD/GY
G34
20
RD/GY
HIGH BEAM INDICATOR DRIVER
DAYTIME RUNNING LAMP MODULE
(8W-50-13)
3
G34
20
RD/GY
OTHER
QUAD HEADLAMPS
G34
20
RD/GY
G34
20
RD/GY
FROM
QUAD HIGH BEAM RELAY (IN PDC) (DRL)
(8W-50-5)
E
G34
20
RD/GY
L3
18
RD/OR
34 C134
L3
14
RD/OR
20
3
2
1
21
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI - FUNCTION SWITCH)
1 LOW
2 HIGH
3 FLASH
(8W-50-4)
Z3
16
BK/OR
G201
(8W-15-14)
S182
• EXCEPT QUAD HEADLAMPS
•• QUAD HEADLAMPS


FROM
C134
(8W-50-3)
B
L7
18
BK/YL
S104
L7
18
BK/YL
L7
18
BK/YL
L7
16
BK/YL
L7
18
BK/YL
S141
7
C129
L7
18
BK/YL
3
2
LEFT
PARK/
TURN
SIGNAL
LAMP
(8W-52-3)
1
3
2
RIGHT
PARK/
TURN
SIGNAL
LAMP
(8W-52-3)
1
9
C1
JUNCTION
BLOCK
(8W-12-2)
(8W-12-3)
8
C3
Z1
18
BK
Z1
18
BK
L7
16
BK/YL
L7
18
BK/YL
L7
18
BK/YL
86
TRAILER
TOW
RELAY
(IN PDC)
(8W-54-2)
85
S151
(8W-15-3)
S150
(8W-15-7)
F
Z1
18
BK
Z1
20
BK
TO
S317
(8W-51-5)
TO
S322
(8W-50-8)
G100
(8W-15-5)
(8W-15-7)

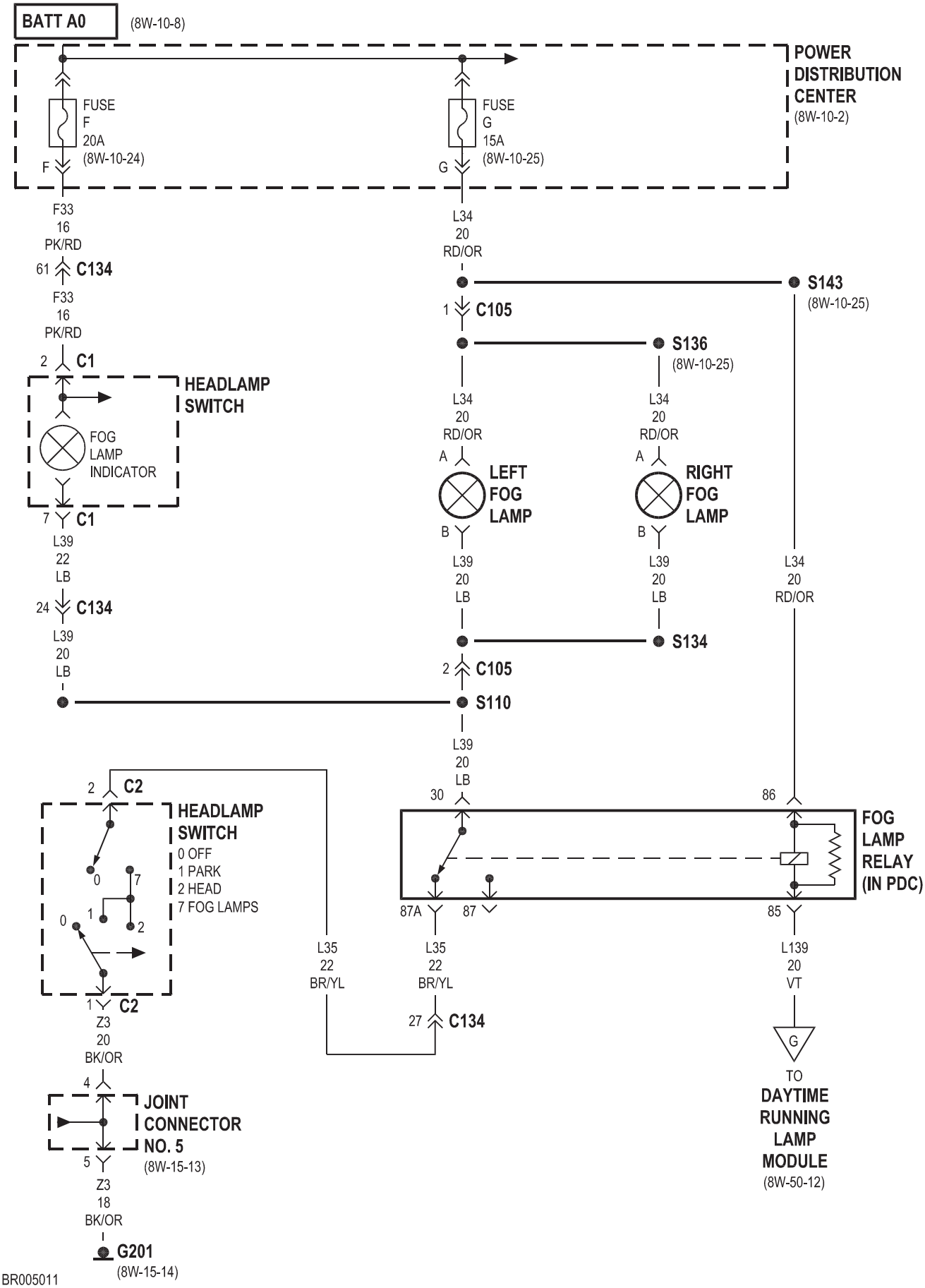

FROM
JUNCTION
BLOCK
(8W-50-7)
F
L7
18
BK/YL
S322
L7
18
BK/YL
1
2
LEFT
OUTBOARD
CLEARANCE
LAMP
LEFT
OUTBOARD
IDENTIFICATION
LAMP
CENTER
IDENTIFICATION
LAMP
RIGHT
OUTBOARD
IDENTIFICATION
LAMP
RIGHT
OUTBOARD
CLEARANCE
LAMP
Z4
18
BK
S325
(8W-15-18)
G302
(8W-15-18)

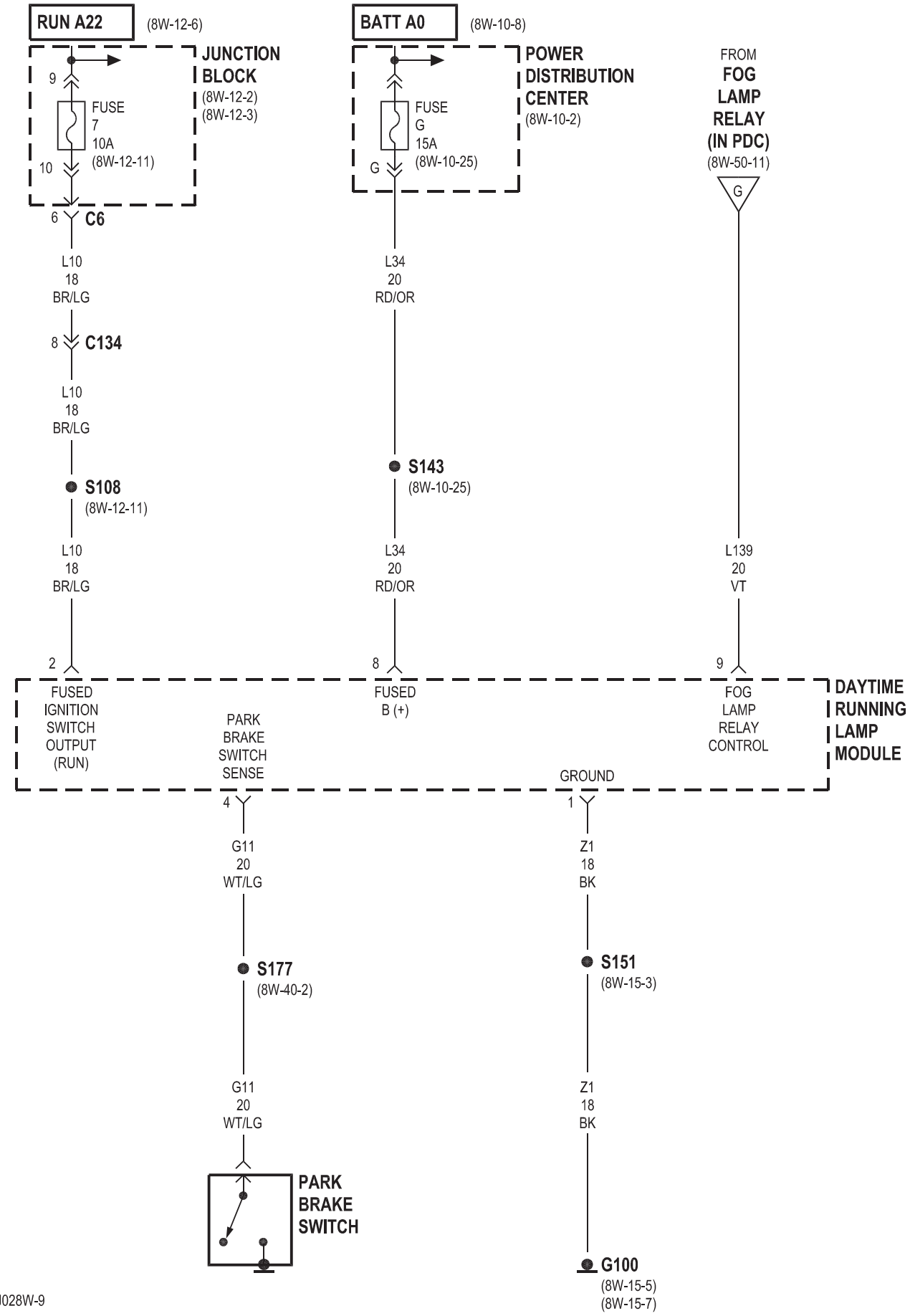

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
23
FUSE 14 10A
(8W-12-16)
24
4
C8
F73 20 YL
6
C1
INSTRUMENT CLUSTER
(8W-40-7)
HIGH BEAM INDICATOR
9
C2
G34 16 RD/GY
62
C134
OTHER
DRL
G34 20 RD/GY
QUAD HEADLAMPS
OTHER
S182
(8W-50-6)
3
HIGH BEAM INDICATOR DRIVER
DAYTIME RUNNING LAMP MODULE
(8W-50-13)
DIMMER SWITCH HIGH BEAM OUTPUT
6
L3 18 RD/OR
S106
(8W-50-6)
L3 18 RD/OR
5
C134
L3 14 RD/OR
20
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI-FUNCTION SWITCH)
(8W-50-4)
1 LOW
2 HIGH
3 FLASH
21
Z3 16 BK/OR
G201
(8W-15-14)

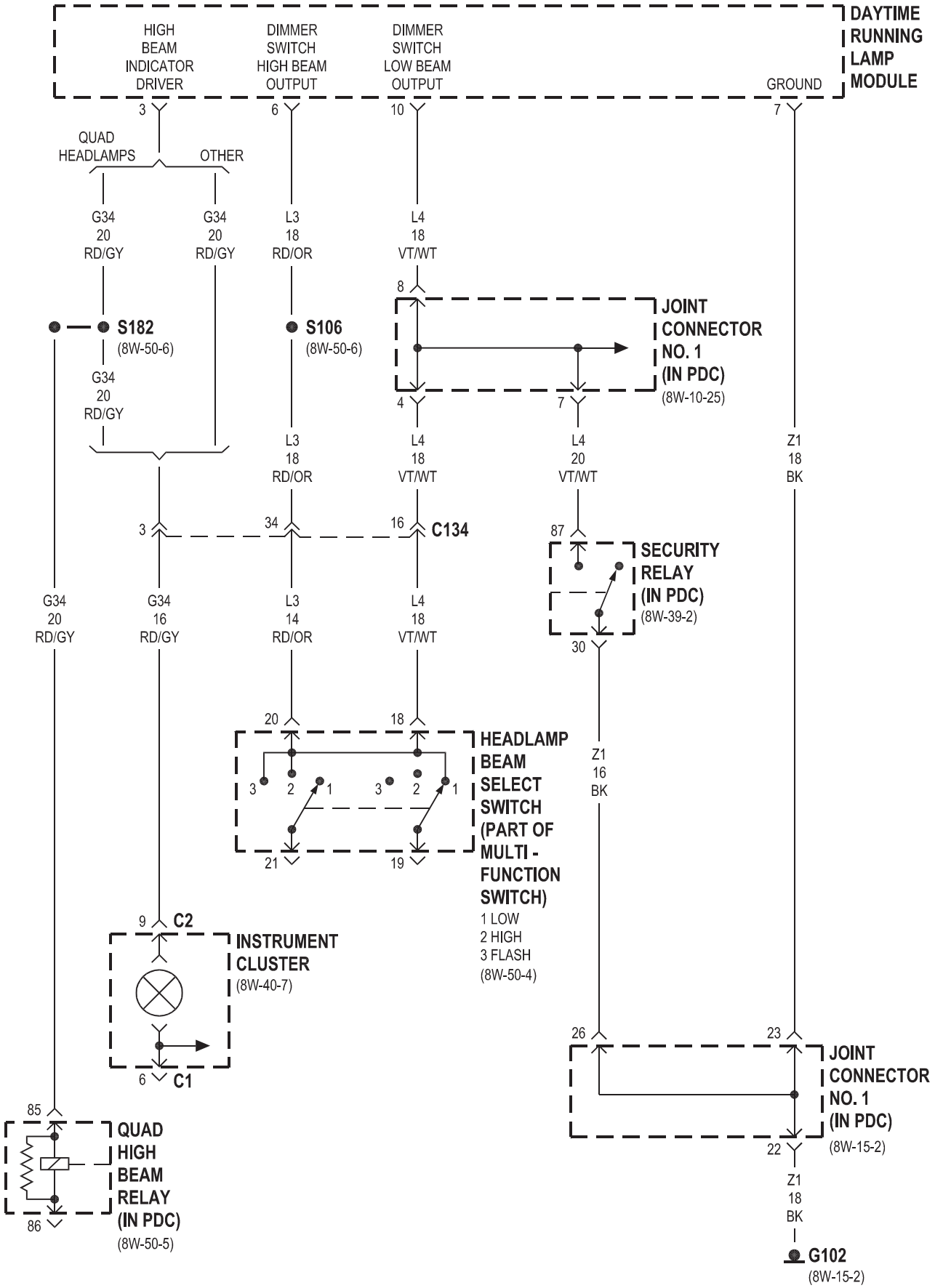
FOG LAMPS (EXCEPT DRL)



FOG LAMPS (DRL)

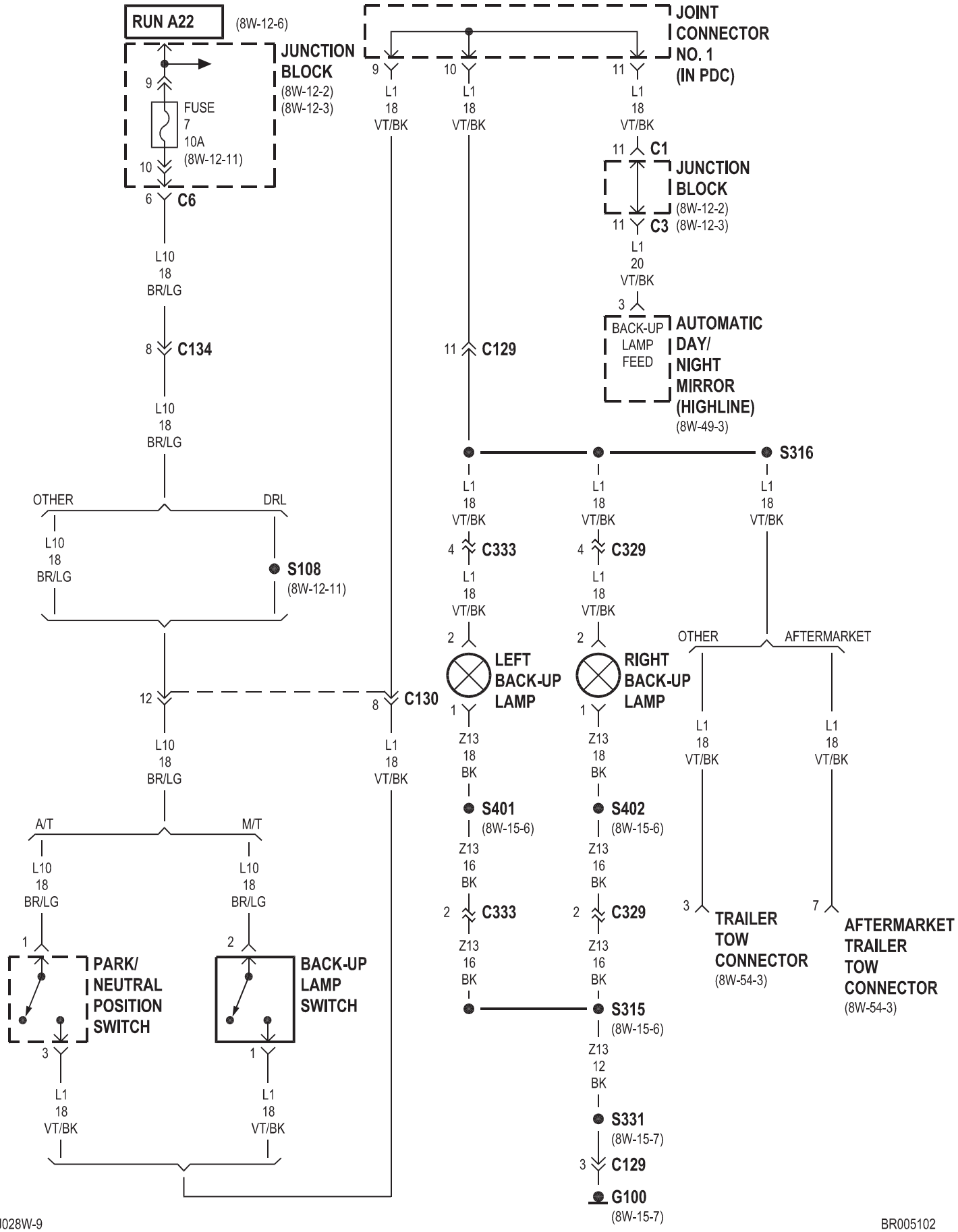


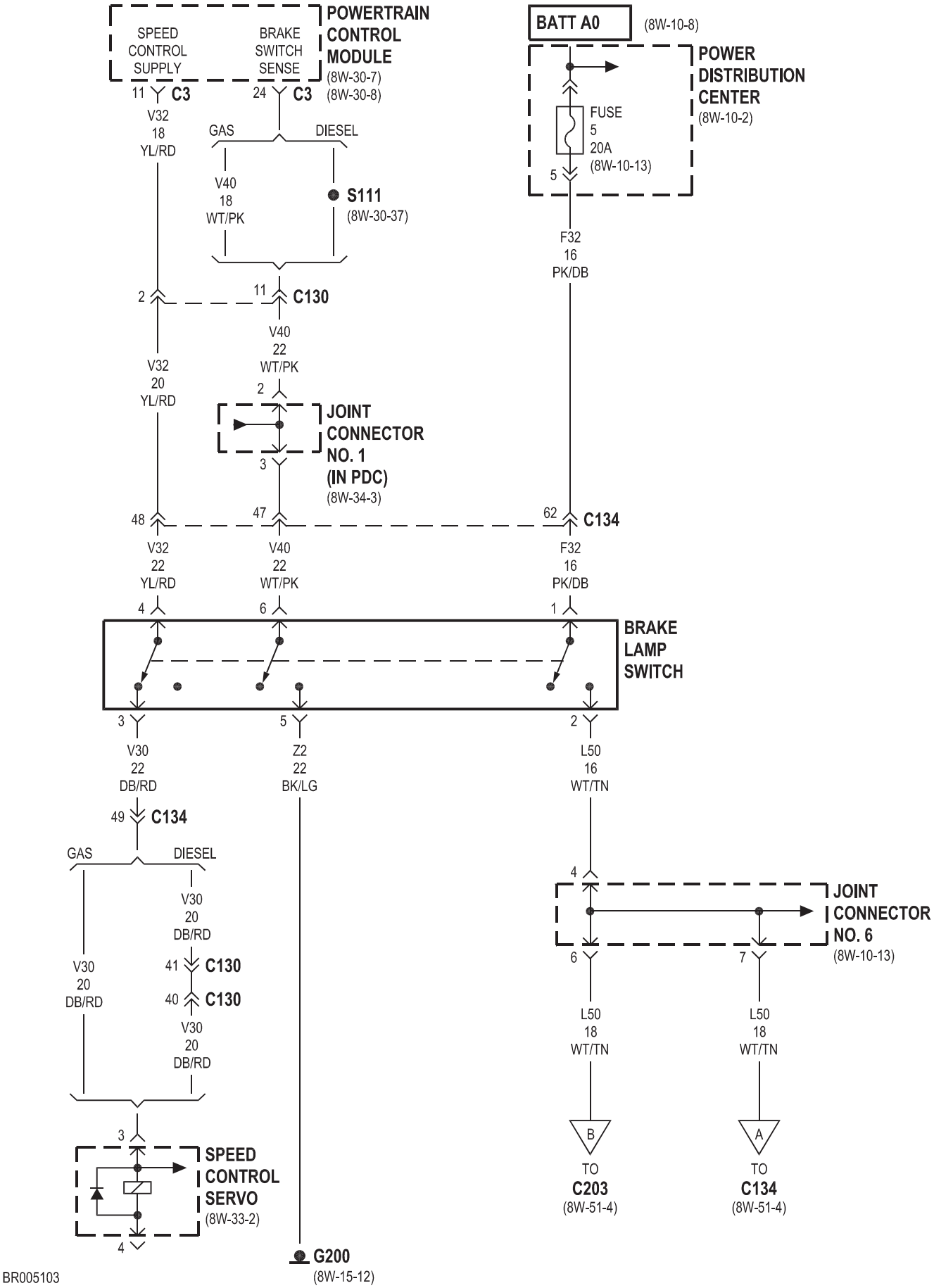

RUN A22
(8W-12-6)
BATT A0
(8W-10-8)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
9
FUSE 7 10A
(8W-12-11)
10
6
C6
L10 18 BR/LG
8
C134
L10 18 BR/LG
S108
(8W-12-11)
L10 18 BR/LG
2
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE G 15A
(8W-10-25)
G
L34 20 RD/OR
S143
(8W-10-25)
L34 20 RD/OR
8
FROM FOG LAMP RELAY (IN PDC)
(8W-50-11)
G
L139 20 VT
9
FUSED IGNITION SWITCH OUTPUT (RUN)
FUSED B (+)
FOG LAMP RELAY CONTROL
DAYTIME RUNNING LAMP MODULE
PARK BRAKE SWITCH SENSE
4
GROUND
1
G11 20 WT/LG
S177
(8W-40-2)
G11 20 WT/LG
PARK BRAKE SWITCH
Z1 18 BK
S151
(8W-15-3)
Z1 18 BK
G100
(8W-15-5)
(8W-15-7)

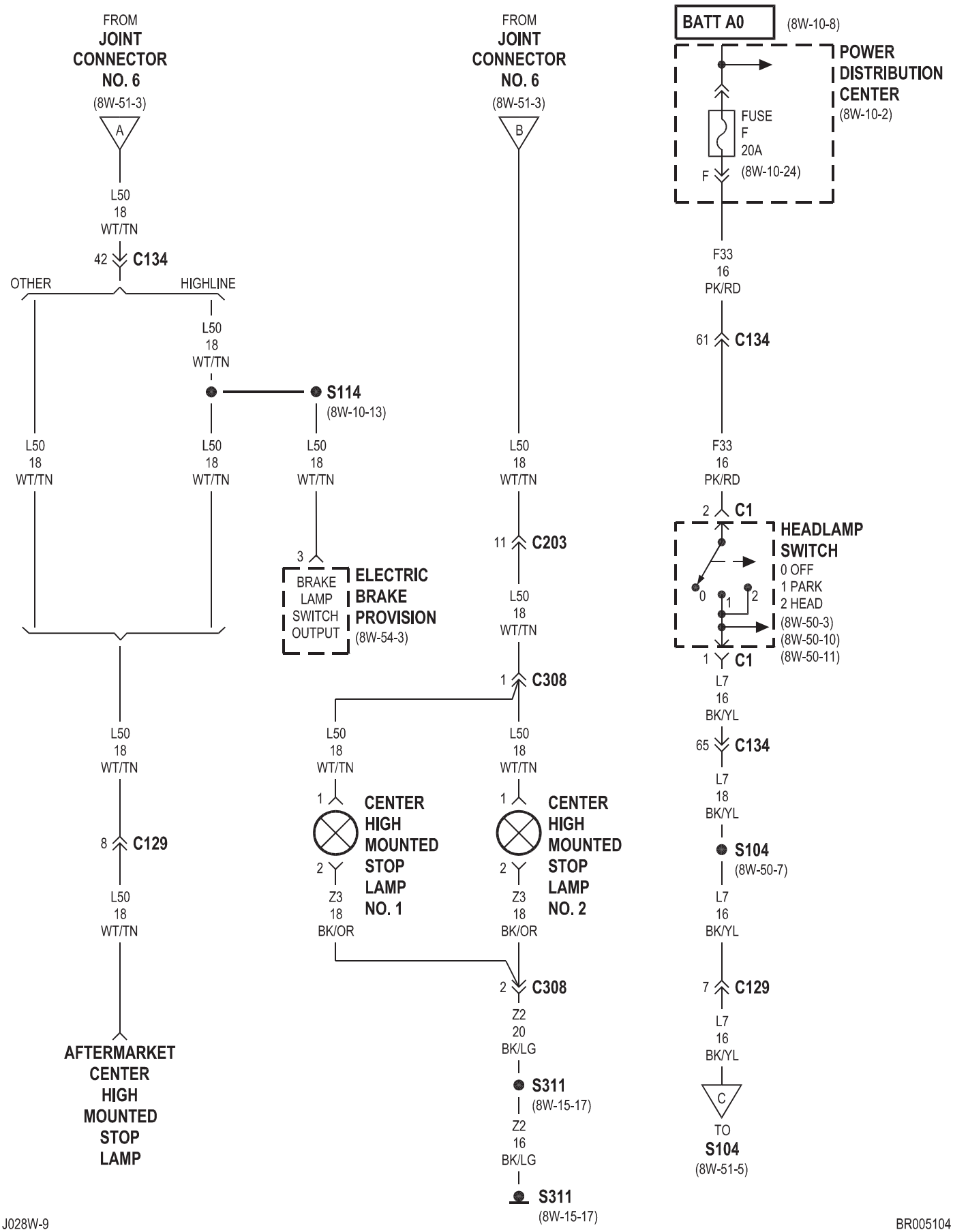

DAYTIME RUNNING LAMP MODULE
HIGH BEAM INDICATOR DRIVER
DIMMER SWITCH HIGH BEAM OUTPUT
DIMMER SWITCH LOW BEAM OUTPUT
GROUND
3
6
10
7
QUAD HEADLAMPS
OTHER
G34 20 RD/GY
G34 20 RD/GY
L3 18 RD/OR
L4 18 VT/WT
S182
(8W-50-6)
S106
(8W-50-6)
8
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-10-25)
4
7
L3 18 RD/OR
L4 18 VT/WT
L4 20 VT/WT
Z1 18 BK
3
34
16
C134
87
SECURITY RELAY (IN PDC)
(8W-39-2)
30
G34 20 RD/GY
G34 16 RD/GY
L3 14 RD/OR
L4 18 VT/WT
20
18
HEADLAMP BEAM SELECT SWITCH (PART OF MULTI - FUNCTION SWITCH)
1 LOW
2 HIGH
3 FLASH
(8W-50-4)
21
19
Z1 16 BK
9
C2
INSTRUMENT CLUSTER
(8W-40-7)
6
C1
26
23
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
22
85
QUAD HIGH BEAM RELAY (IN PDC)
(8W-50-5)
86
Z1 18 BK
G102
(8W-15-2)

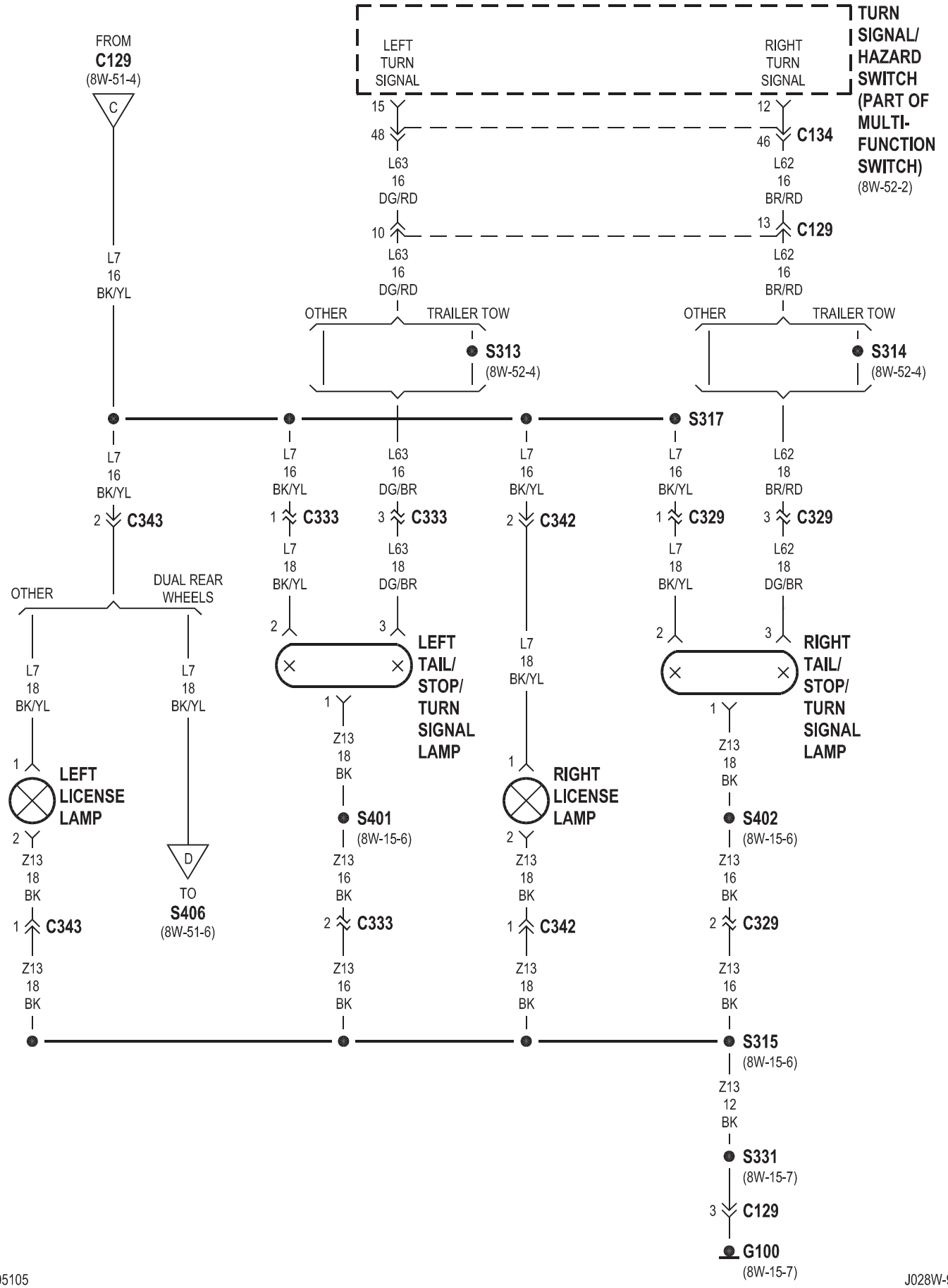
8W-51 REAR LIGHTING

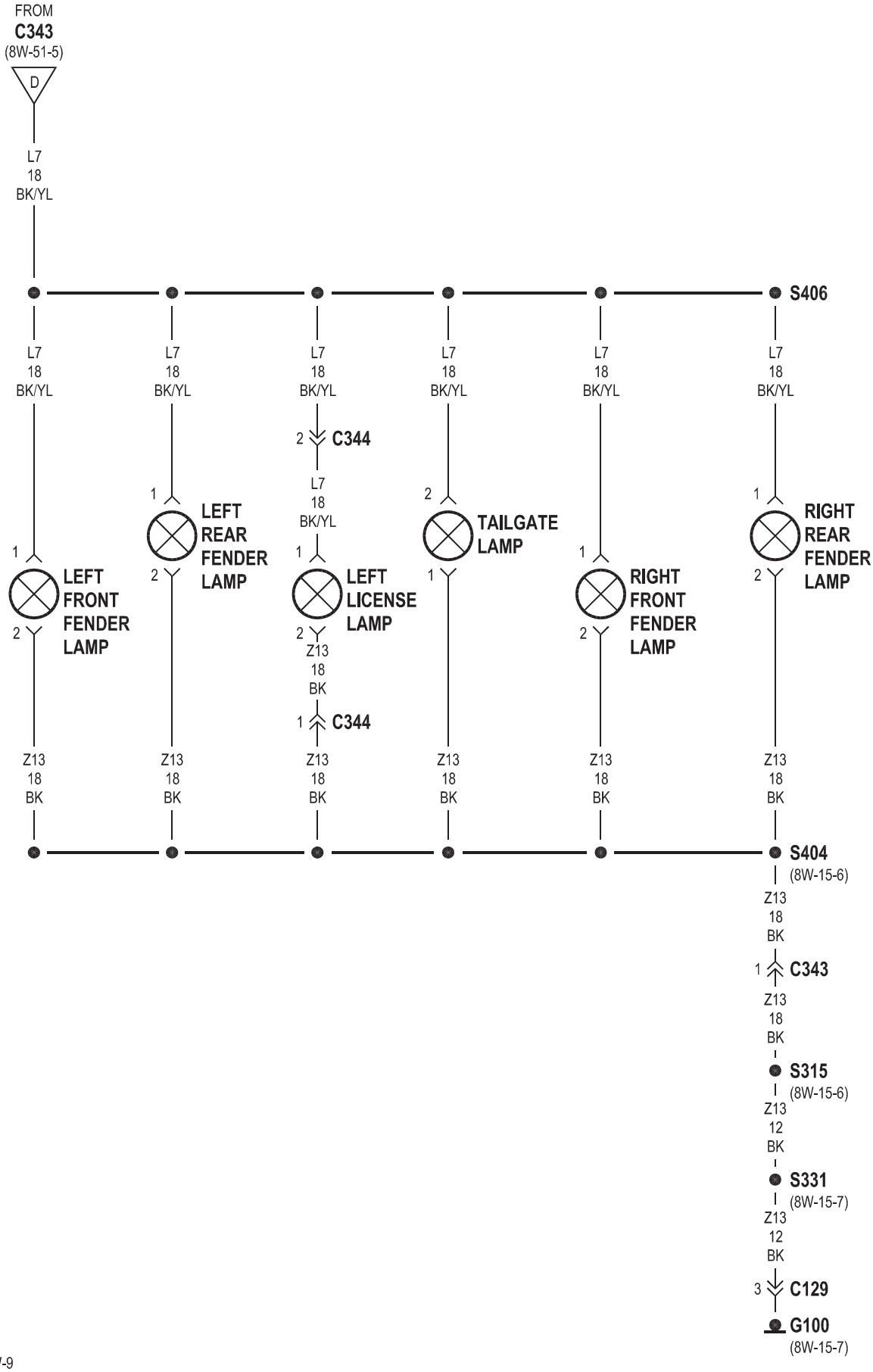
Component	Page
Aftermarket Center High Mounted Stop Lamp	8W-51-4
Aftermarket Trailer Tow Connector	8W-51-2
Automatic Day/Night Mirror	8W-51-2
Back-Up Lamp Switch	8W-51-2
Brake Lamp Switch	8W-51-3
Center High Mounted Stop Lamp No. 1	8W-51-4
Center High Mounted Stop Lamp No. 2	8W-51-4
Electric Brake Provision	8W-51-4
Fuse 5 (PDC)	8W-51-3
Fuse 7 (JB)	8W-51-2
Fuse F (PDC)	8W-51-4
G100	8W-51-2, 5, 6
G200	8W-51-3
Headlamp Switch	8W-51-4
Joint Connector No. 1	8W-51-2, 3
Joint Connector No. 6	8W-51-3, 4
Junction Block	8W-51-2
Left Back-Up Lamp	8W-51-2
Left Front Fender Lamp	8W-51-6
Left License Lamp	8W-51-5, 6
Left Rear Fender Lamp	8W-51-6
Left Tail/Stop/Turn Signal Lamp	8W-51-5
Park/Neutral Position Switch	8W-51-2
Power Distribution Center	8W-51-3, 4
Powertrain Control Module	8W-51-3
Right Back-Up Lamp	8W-51-2
Right Front Fender Lamp	8W-51-6
Right License Lamp	8W-51-5
Right Rear Fender Lamp	8W-51-6
Right Tail/Stop/Turn Signal Lamp	8W-51-5
Speed Control Servo	8W-51-3
Tailgate Lamp	8W-51-6
Trailer Tow Connector	8W-51-2
Turn Signal/Hazard Switch	8W-51-5


RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
9
FUSE 7 10A
(8W-12-11)
10
6
C6
L10 18 BR/LG
8
C134
L10 18 BR/LG
OTHER
DRL
L10 18 BR/LG
S108
(8W-12-11)
12
L10 18 BR/LG
A/T
M/T
L10 18 BR/LG
L10 18 BR/LG
1
2
PARK/ NEUTRAL POSITION SWITCH
BACK-UP LAMP SWITCH
3
1
L1 18 VT/BK
L1 18 VT/BK
JOINT CONNECTOR NO. 1 (IN PDC)
9
10
11
L1 18 VT/BK
L1 18 VT/BK
L1 18 VT/BK
11
C1
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
11
C3
L1 20 VT/BK
3
BACK-UP LAMP FEED
AUTOMATIC DAY/ NIGHT MIRROR (HIGHLINE)
(8W-49-3)
11
C129
S316
L1 18 VT/BK
L1 18 VT/BK
L1 18 VT/BK
4
C333
4
C329
L1 18 VT/BK
L1 18 VT/BK
2
2
LEFT BACK-UP LAMP
RIGHT BACK-UP LAMP
1
1
Z13 18 BK
Z13 18 BK
S401
(8W-15-6)
S402
(8W-15-6)
Z13 16 BK
Z13 16 BK
2
C333
2
C329
Z13 16 BK
Z13 16 BK
S315
(8W-15-6)
Z13 12 BK
S331
(8W-15-7)
3
C129
G100
(8W-15-7)
8
C130
L1 18 VT/BK
OTHER
AFTERMARKET
L1 18 VT/BK
L1 18 VT/BK
3
7
TRAILER TOW CONNECTOR
(8W-54-3)
AFTERMARKET TRAILER TOW CONNECTOR
(8W-54-3)


POWERTRAIN CONTROL MODULE
(8W-30-7)
(8W-30-8)
SPEED CONTROL SUPPLY
BRAKE SWITCH SENSE
11 C3
24 C3
V32 18 YL/RD
GAS
DIESEL
V40 18 WT/PK
S111
(8W-30-37)
2
11 C130
V40 22 WT/PK
V32 20 YL/RD
2
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-34-3)
3
48
47
62 C134
V32 22 YL/RD
V40 22 WT/PK
F32 16 PK/DB
4
6
1
BRAKE LAMP SWITCH
3
5
2
V30 22 DB/RD
Z2 22 BK/LG
L50 16 WT/TN
49 C134
GAS
DIESEL
V30 20 DB/RD
V30 20 DB/RD
41 C130
40 C130
V30 20 DB/RD
3
SPEED CONTROL SERVO
(8W-33-2)
4
G200
(8W-15-12)
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 5 20A
(8W-10-13)
5
F32 16 PK/DB
4
JOINT CONNECTOR NO. 6
(8W-10-13)
6
7
L50 18 WT/TN
L50 18 WT/TN
B
A
TO C203
(8W-51-4)
TO C134
(8W-51-4)

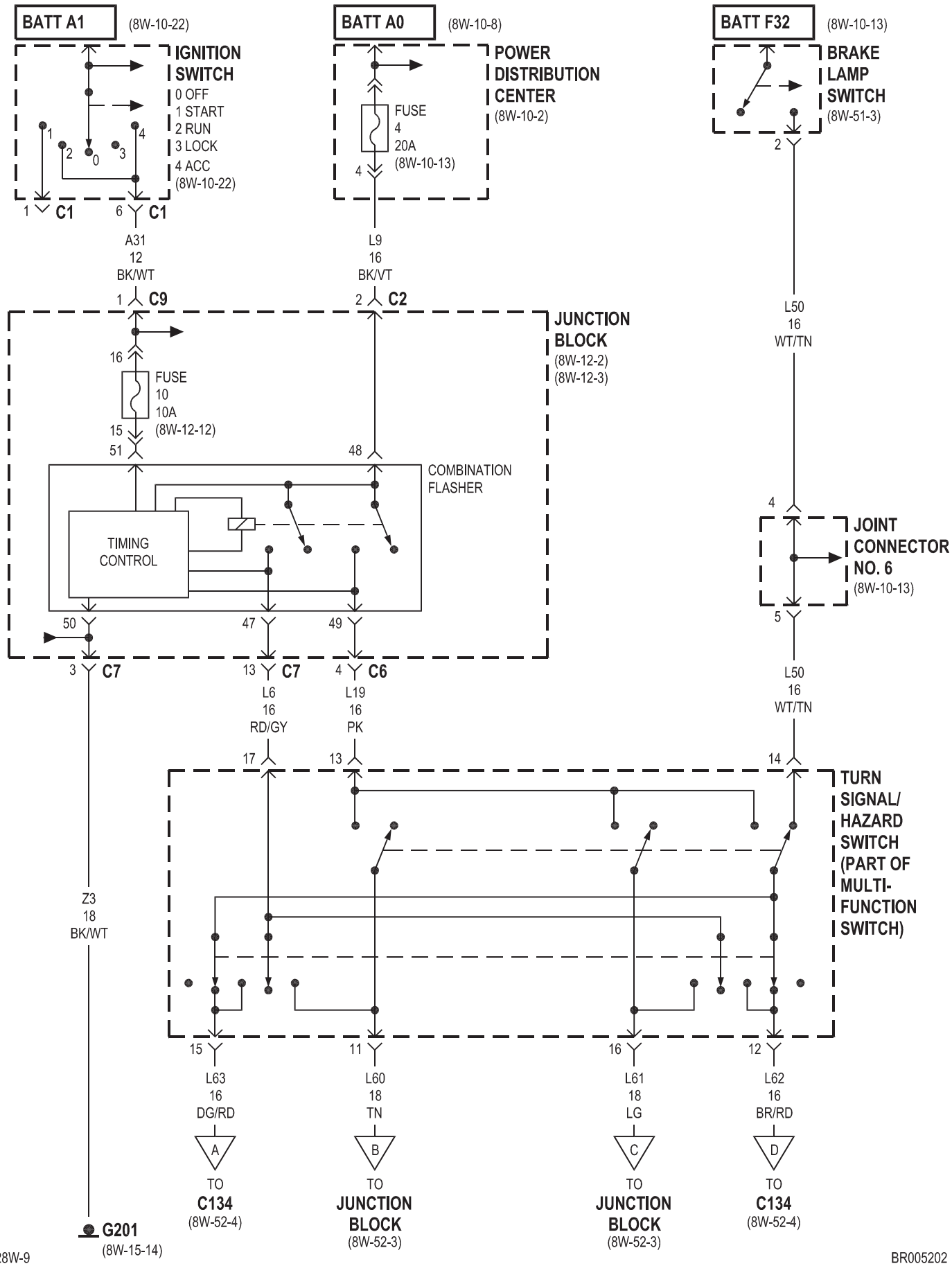

FROM
JOINT
CONNECTOR
NO. 6
(8W-51-3)
A
L50
18
WT/TN
42
C134
OTHER
HIGHLINE
L50
18
WT/TN
S114
(8W-10-13)
L50
18
WT/TN
L50
18
WT/TN
L50
18
WT/TN
3
BRAKE
LAMP
SWITCH
OUTPUT
ELECTRIC
BRAKE
PROVISION
(8W-54-3)
L50
18
WT/TN
8
C129
L50
18
WT/TN
AFTERMARKET
CENTER
HIGH
MOUNTED
STOP
LAMP
FROM
JOINT
CONNECTOR
NO. 6
(8W-51-3)
B
L50
18
WT/TN
11
C203
L50
18
WT/TN
1
C308
L50
18
WT/TN
L50
18
WT/TN
1
CENTER
HIGH
MOUNTED
STOP
LAMP
NO. 1
2
Z3
18
BK/OR
1
CENTER
HIGH
MOUNTED
STOP
LAMP
NO. 2
2
Z3
18
BK/OR
2
C308
Z2
20
BK/LG
S311
(8W-15-17)
Z2
16
BK/LG
S311
(8W-15-17)
BATT A0
(8W-10-8)
POWER
DISTRIBUTION
CENTER
(8W-10-2)
FUSE
F
20A
F
(8W-10-24)
F33
16
PK/RD
61
C134
F33
16
PK/RD
2
C1
HEADLAMP
SWITCH
0 OFF
1 PARK
2 HEAD
(8W-50-3)
(8W-50-10)
(8W-50-11)
0
1
2
1
C1
L7
16
BK/YL
65
C134
L7
18
BK/YL
S104
(8W-50-7)
L7
16
BK/YL
7
C129
L7
16
BK/YL
C
TO
S104
(8W-51-5)

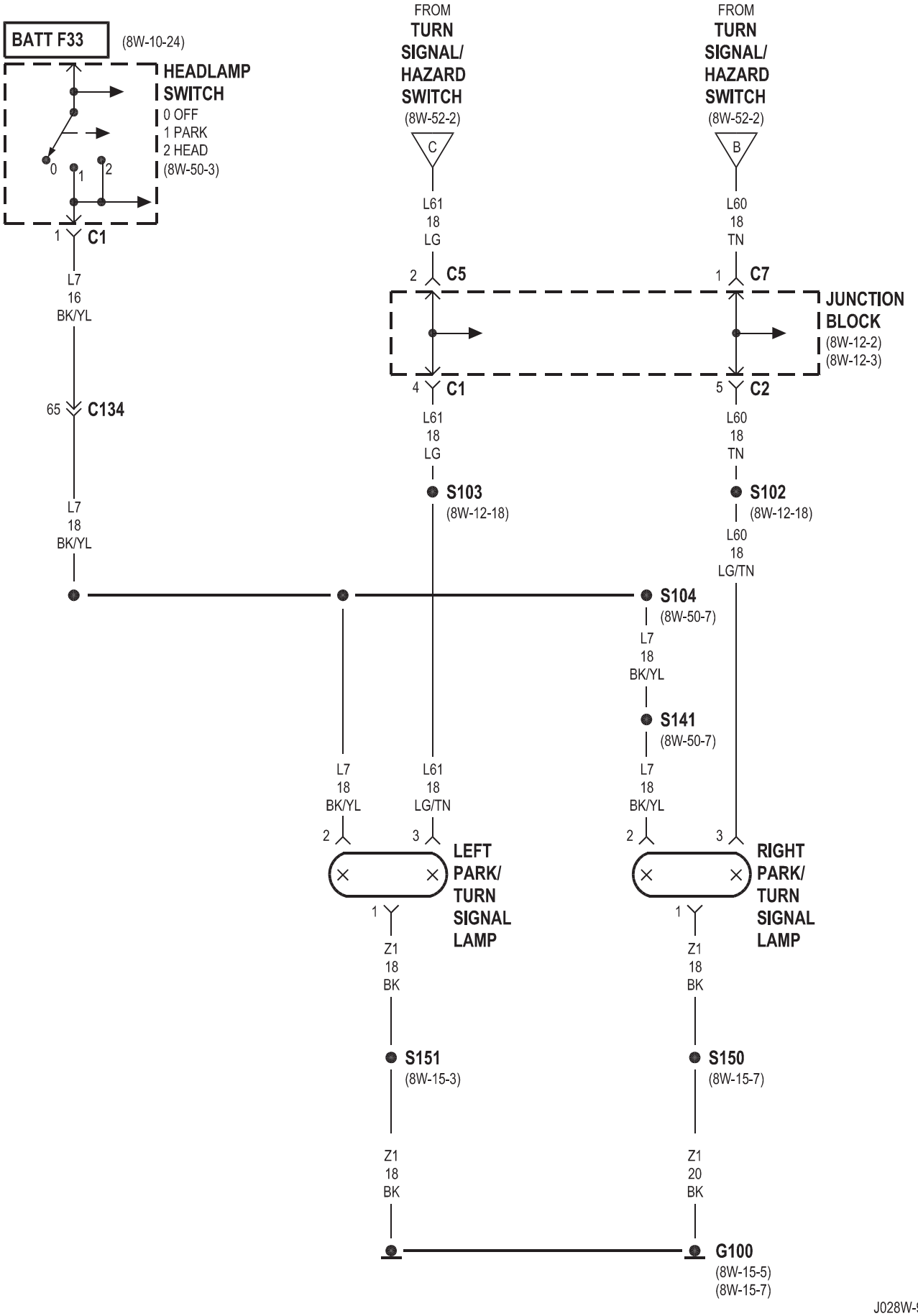

TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI-FUNCTION SWITCH)
(8W-52-2)
LEFT TURN SIGNAL
RIGHT TURN SIGNAL
15
48
12
46
C134
L63 16 DG/RD
L62 16 BR/RD
10
13
C129
FROM C129 (8W-51-4)
C
L7 16 BK/YL
OTHER
TRAILER TOW
S313
(8W-52-4)
S314
(8W-52-4)
S317
L7 16 BK/YL
L63 16 DG/BR
L62 18 BR/RD
2
C343
1
C333
3
C333
2
C342
1
C329
3
C329
L7 18 BK/YL
L63 18 DG/BR
L62 18 BR/RD
DUAL REAR WHEELS
LEFT TAIL/ STOP/ TURN SIGNAL LAMP
RIGHT TAIL/ STOP/ TURN SIGNAL LAMP
LEFT LICENSE LAMP
RIGHT LICENSE LAMP
Z13 18 BK
Z13 16 BK
Z13 12 BK
S401
(8W-15-6)
S402
(8W-15-6)
S315
(8W-15-6)
S331
(8W-15-7)
G100
(8W-15-7)
D
TO S406
(8W-51-6)

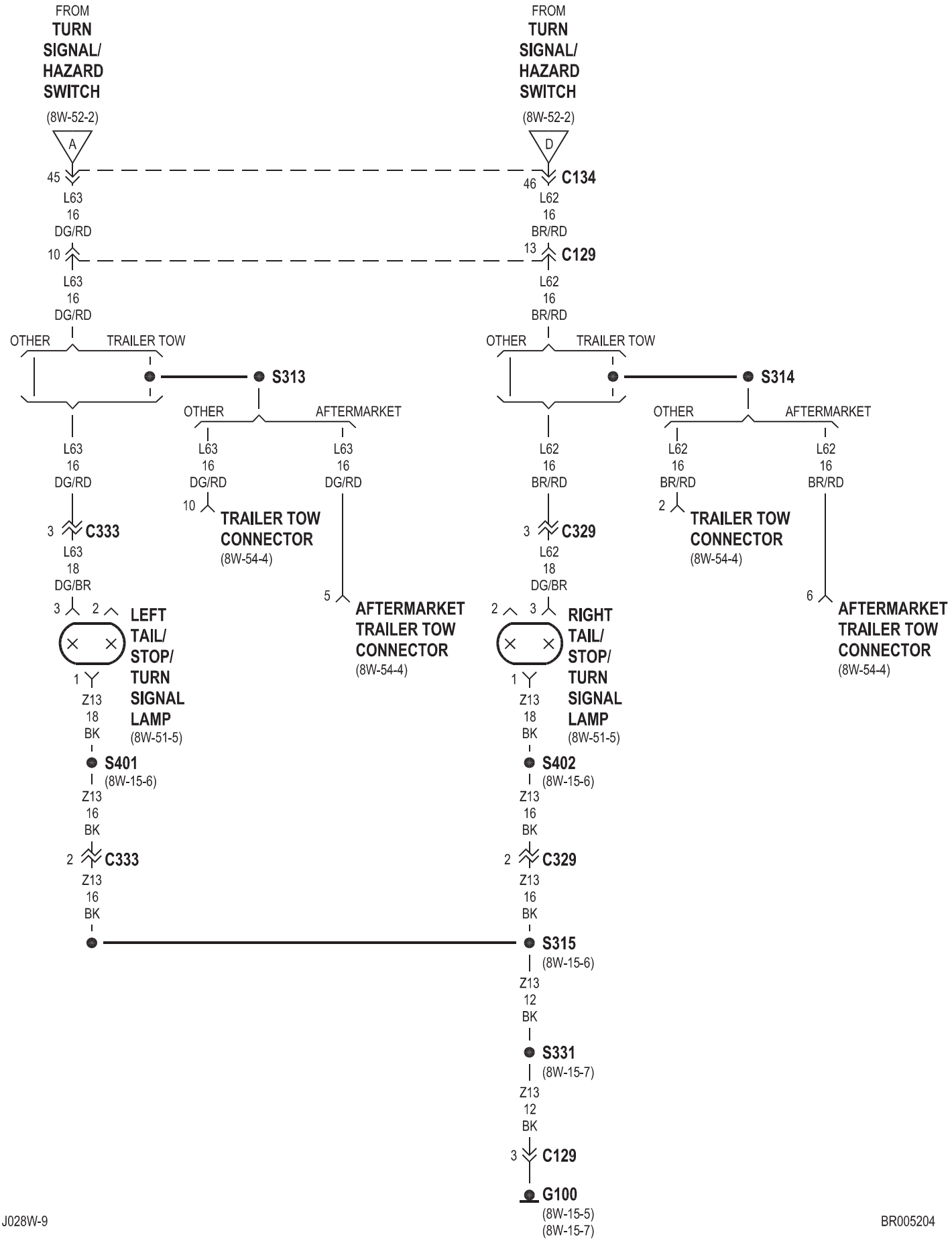

FROM
C343
(8W-51-5)
D
L7
18
BK/YL
S406
L7
18
BK/YL
2
C344
1
LEFT
REAR
FENDER
LAMP
2
TAILGATE
LAMP
1
RIGHT
REAR
FENDER
LAMP
LEFT
FRONT
FENDER
LAMP
LEFT
LICENSE
LAMP
RIGHT
FRONT
FENDER
LAMP
Z13
18
BK
S404
(8W-15-6)
C343
S315
(8W-15-6)
Z13
12
BK
S331
(8W-15-7)
3
C129
G100
(8W-15-7)

8W-52 TURN SIGNALS

Component	Page
Aftermarket Trailer Tow Connector	8W-52-4
Brake Lamp Switch	8W-52-2
Combination Flasher	8W-52-2
Fuse 4 (PDC)	8W-52-2
Fuse 10 (JB)	8W-52-2
G100	8W-52-3, 4
G201	8W-52-2
Headlamp Switch	8W-52-3
Ignition Switch	8W-52-2
Joint Connector No. 6	8W-52-2
Junction Block	8W-52-2, 3
Left Park/Turn Signal Lamp	8W-52-3
Left Tail/Stop/Turn Signal Lamp	8W-52-4
Power Distribution Center	8W-52-2
Right Park/Turn Signal Lamp	8W-52-3
Right Tail/Stop/Turn Signal Lamp	8W-52-4
Trailer Tow Connector	8W-52-4
Turn Signal/Hazard Switch	8W-52-2, 3, 4

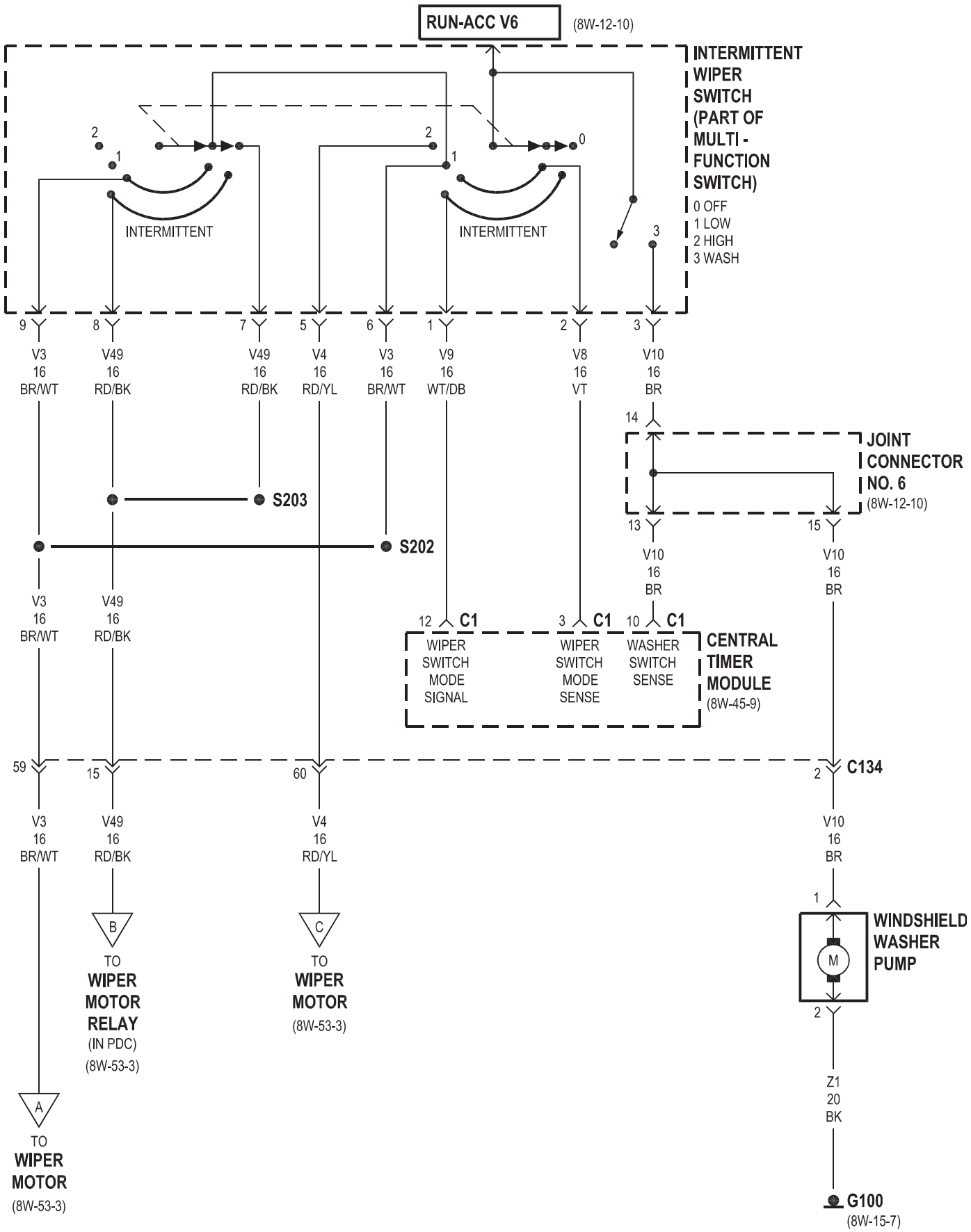

BATT A1
(8W-10-22)
IGNITION SWITCH
0 OFF
1 START
2 RUN
3 LOCK
4 ACC
(8W-10-22)
1 C1
6 C1
A31
12
BK/WT
1 C9
BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE
4
20A
(8W-10-13)
4
L9
16
BK/VT
2 C2
BATT F32
(8W-10-13)
BRAKE LAMP SWITCH
(8W-51-3)
2
L50
16
WT/TN
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
16
FUSE
10
10A
(8W-12-12)
15
51
48
COMBINATION FLASHER
TIMING CONTROL
50
47
49
3 C7
13 C7
4 C6
L6
16
RD/GY
L19
16
PK
4
JOINT CONNECTOR NO. 6
(8W-10-13)
5
L50
16
WT/TN
17
13
14
TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI-FUNCTION SWITCH)
Z3
18
BK/WT
15
11
16
12
L63
16
DG/RD
L60
18
TN
L61
18
LG
L62
16
BR/RD
A
B
C
D
TO C134
(8W-52-4)
TO JUNCTION BLOCK
(8W-52-3)
TO JUNCTION BLOCK
(8W-52-3)
TO C134
(8W-52-4)
G201
(8W-15-14)

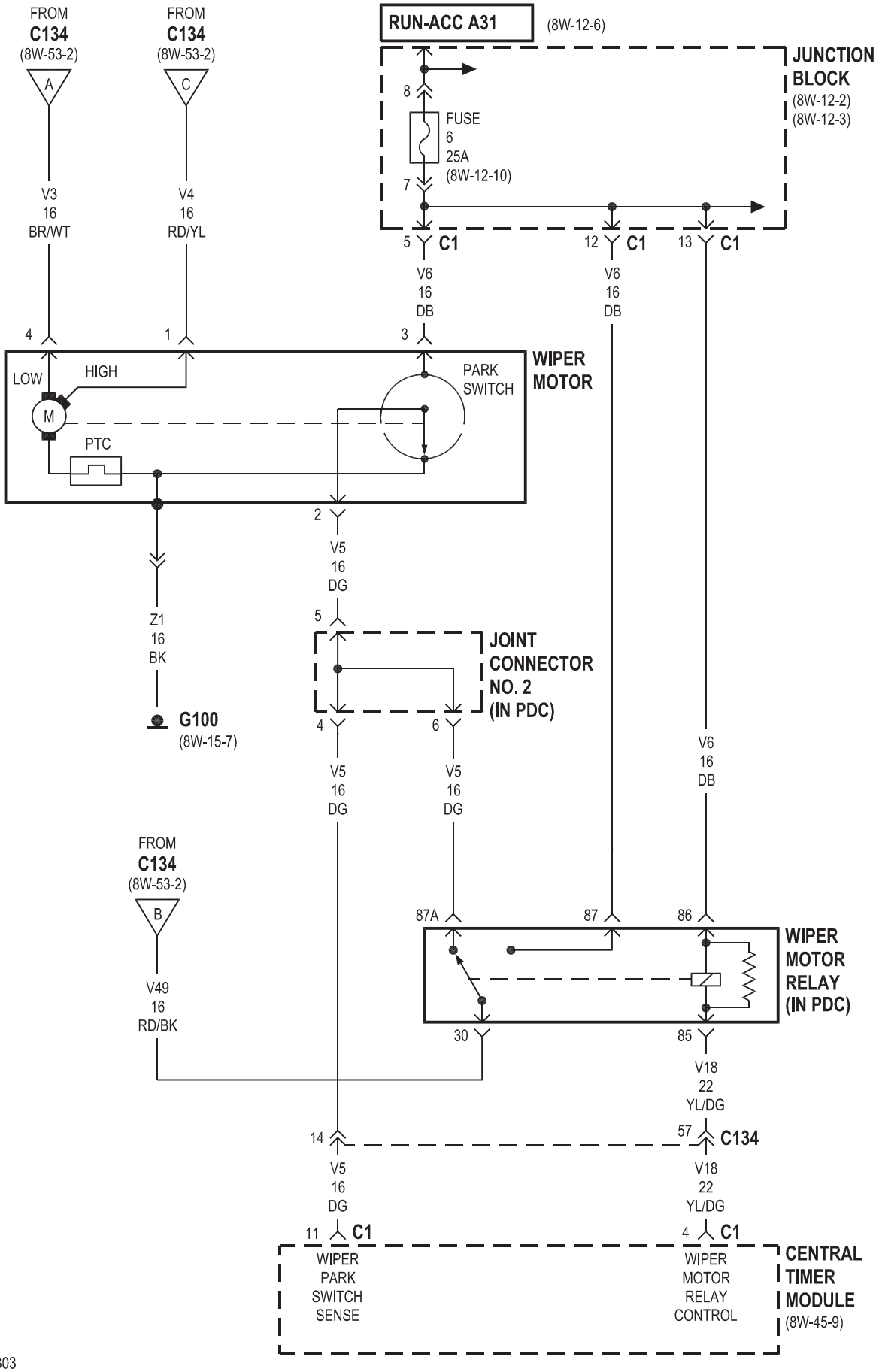

BATT F33
(8W-10-24)
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
(8W-50-3)
0
1
2
1
C1
L7
16
BK/YL
65
C134
L7
18
BK/YL
FROM TURN SIGNAL/ HAZARD SWITCH
(8W-52-2)
C
L61
18
LG
2
C5
4
C1
L61
18
LG
S103
(8W-12-18)
FROM TURN SIGNAL/ HAZARD SWITCH
(8W-52-2)
B
L60
18
TN
1
C7
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
5
C2
L60
18
TN
S102
(8W-12-18)
L60
18
LG/TN
S104
(8W-50-7)
L7
18
BK/YL
S141
(8W-50-7)
L7
18
BK/YL
L7
18
BK/YL
L61
18
LG/TN
2
3
LEFT PARK/ TURN SIGNAL LAMP
1
Z1
18
BK
2
3
RIGHT PARK/ TURN SIGNAL LAMP
1
Z1
18
BK
S151
(8W-15-3)
S150
(8W-15-7)
Z1
18
BK
Z1
20
BK
G100
(8W-15-5)
(8W-15-7)


FROM TURN SIGNAL/ HAZARD SWITCH (8W-52-2)
A
45
L63 16 DG/RD
10
L63 16 DG/RD
FROM TURN SIGNAL/ HAZARD SWITCH (8W-52-2)
D
46
C134
L62 16 BR/RD
13
C129
L62 16 BR/RD
OTHER
TRAILER TOW
S313
OTHER
AFTERMARKET
L63 16 DG/RD
10
TRAILER TOW CONNECTOR (8W-54-4)
L63 16 DG/RD
5
AFTERMARKET TRAILER TOW CONNECTOR (8W-54-4)
3
C333
L63 18 DG/BR
3
2
LEFT TAIL/ STOP/ TURN SIGNAL LAMP (8W-51-5)
1
Z13 18 BK
S401 (8W-15-6)
Z13 16 BK
2
C333
Z13 16 BK
OTHER
TRAILER TOW
S314
OTHER
AFTERMARKET
L62 16 BR/RD
2
TRAILER TOW CONNECTOR (8W-54-4)
L62 16 BR/RD
6
AFTERMARKET TRAILER TOW CONNECTOR (8W-54-4)
3
C329
L62 18 DG/BR
2
3
RIGHT TAIL/ STOP/ TURN SIGNAL LAMP (8W-51-5)
1
Z13 18 BK
S402 (8W-15-6)
Z13 16 BK
2
C329
Z13 16 BK
S315 (8W-15-6)
Z13 12 BK
S331 (8W-15-7)
Z13 12 BK
3
C129
G100
(8W-15-5)
(8W-15-7)

8W-53 WIPERS

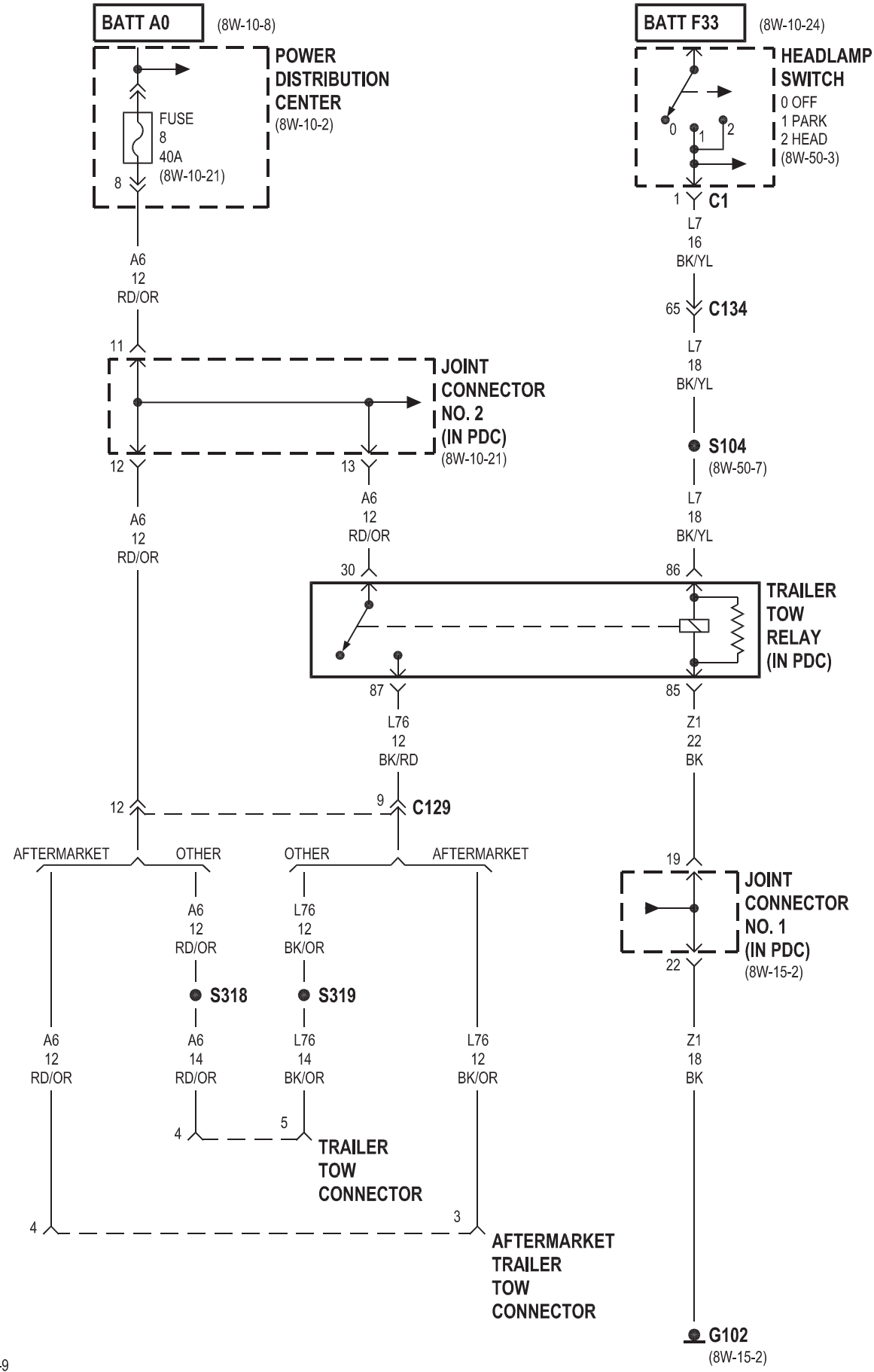
Component	Page
Central Timer Module	8W-53-2, 3
Fuse 6 (JB)	8W-53-3
G100	8W-53-2, 3
Intermittent Wiper Switch	8W-53-2
Joint Connector No. 2	8W-53-3
Joint Connector No. 6	8W-53-2
Junction Block	8W-53-3
Windshield Washer Pump	8W-53-2
Wiper Motor	8W-53-2, 3
Wiper Motor Relay	8W-53-2, 3

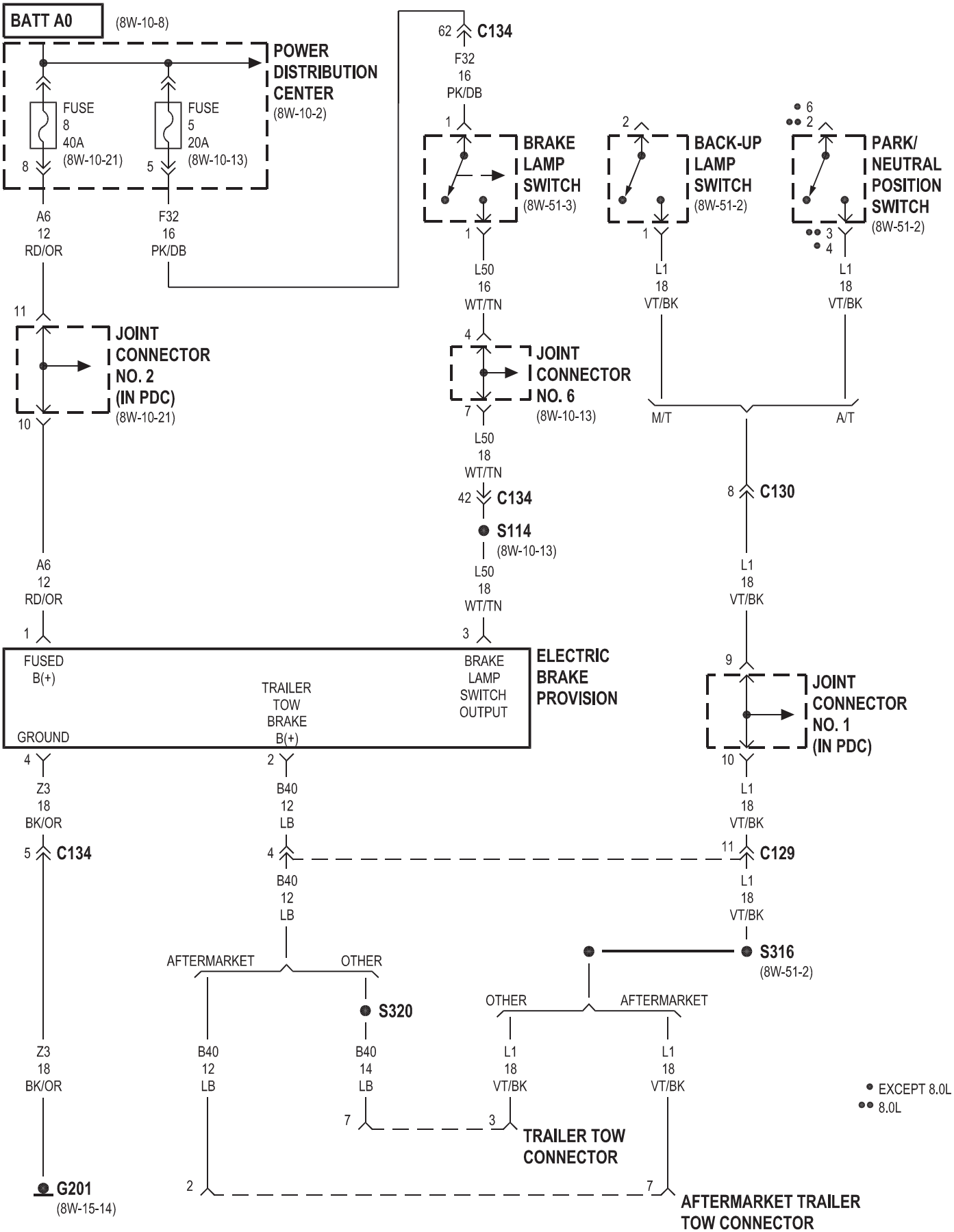

RUN-ACC V6
(8W-12-10)
INTERMITTENT WIPER SWITCH (PART OF MULTI - FUNCTION SWITCH)
0 OFF
1 LOW
2 HIGH
3 WASH
INTERMITTENT
INTERMITTENT
9 V3 16 BR/WT
8 V49 16 RD/BK
7 V49 16 RD/BK
5 V4 16 RD/YL
6 V3 16 BR/WT
1 V9 16 WT/DB
2 V8 16 VT
3 V10 16 BR
14
JOINT CONNECTOR NO. 6
(8W-12-10)
13 V10 16 BR
15 V10 16 BR
S203
S202
V3 16 BR/WT
V49 16 RD/BK
12 C1 WIPER SWITCH MODE SIGNAL
3 C1 WIPER SWITCH MODE SENSE
10 C1 WASHER SWITCH SENSE
CENTRAL TIMER MODULE
(8W-45-9)
59
15
60
2 C134
V3 16 BR/WT
V49 16 RD/BK
V4 16 RD/YL
V10 16 BR
1
WINDSHIELD WASHER PUMP
M
2
B
TO WIPER MOTOR RELAY
(IN PDC)
(8W-53-3)
C
TO WIPER MOTOR
(8W-53-3)
A
TO WIPER MOTOR
(8W-53-3)
Z1 20 BK
G100
(8W-15-7)

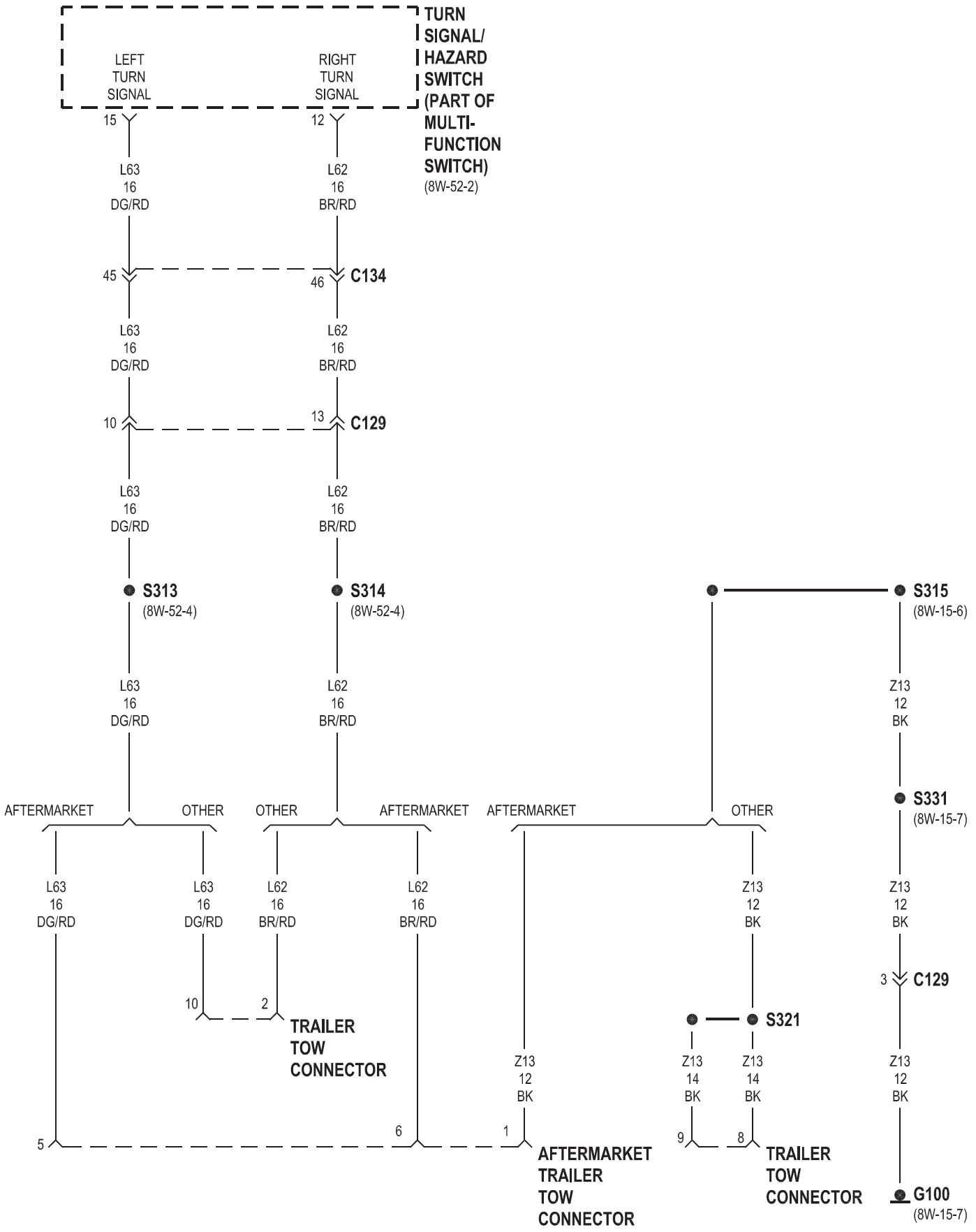

FROM
C134
(8W-53-2)
A
V3
16
BR/WT
FROM
C134
(8W-53-2)
C
V4
16
RD/YL
RUN-ACC A31
(8W-12-6)
JUNCTION
BLOCK
(8W-12-2)
(8W-12-3)
8
FUSE
6
25A
(8W-12-10)
7
5 C1
12 C1
13 C1
V6
16
DB
V6
16
DB
4
1
3
WIPER
MOTOR
LOW
HIGH
M
PTC
PARK
SWITCH
2
V5
16
DG
5
JOINT
CONNECTOR
NO. 2
(IN PDC)
Z1
16
BK
G100
(8W-15-7)
4
6
V5
16
DG
V5
16
DG
V6
16
DB
FROM
C134
(8W-53-2)
B
V49
16
RD/BK
87A
87
86
WIPER
MOTOR
RELAY
(IN PDC)
30
85
V18
22
YL/DG
14
57
C134
V5
16
DG
V18
22
YL/DG
11 C1
4 C1
WIPER
PARK
SWITCH
SENSE
WIPER
MOTOR
RELAY
CONTROL
CENTRAL
TIMER
MODULE
(8W-45-9)

8W-54 TRAILER TOW

Component	Page
Aftermarket Trailer Tow Connector	8W-54-2, 3, 4
Back-Up Lamp Switch	8W-54-3
Brake Lamp Switch	8W-54-3
Electric Brake Provision	8W-54-3
Fuse 5 (PDC)	8W-54-3
Fuse 8 (PDC)	8W-54-2, 3
G100	8W-54-4
G102	8W-54-2
G201	8W-54-3
Headlamp Switch	8W-54-2
Joint Connector No. 1	8W-54-2, 3
Joint Connector No. 2	8W-54-2, 3
Joint Connector No. 6	8W-54-3
Park/Neutral Position Switch	8W-54-3
Power Distribution Center	8W-54-2, 3
Trailer Tow Connector	8W-54-2, 3, 4
Trailer Tow Relay	8W-54-2
Turn Signal/Hazard Switch	8W-54-4

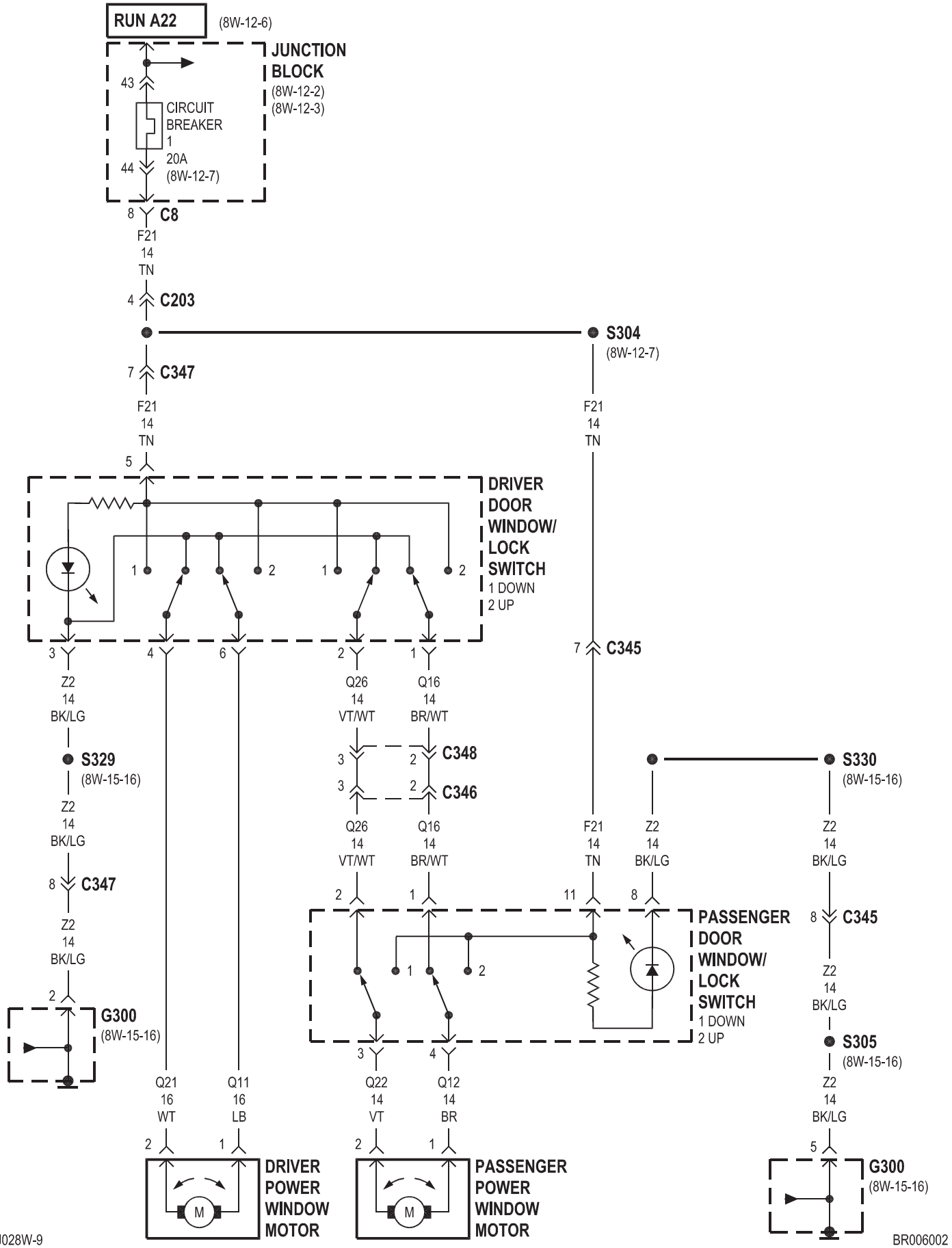

BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 8 40A
(8W-10-21)
8
A6 12 RD/OR
11
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-21)
12
13
A6 12 RD/OR
A6 12 RD/OR
30
87
L76 12 BK/RD
12
9
C129
AFTERMARKET
OTHER
OTHER
AFTERMARKET
A6 12 RD/OR
L76 12 BK/OR
S318
S319
A6 12 RD/OR
A6 14 RD/OR
L76 14 BK/OR
L76 12 BK/OR
4
5
TRAILER TOW CONNECTOR
4
3
AFTERMARKET TRAILER TOW CONNECTOR
BATT F33
(8W-10-24)
HEADLAMP SWITCH
0 OFF
1 PARK
2 HEAD
(8W-50-3)
0
1
2
1
C1
L7 16 BK/YL
65
C134
L7 18 BK/YL
S104
(8W-50-7)
L7 18 BK/YL
86
85
TRAILER TOW RELAY (IN PDC)
Z1 22 BK
19
JOINT CONNECTOR NO. 1 (IN PDC)
(8W-15-2)
22
Z1 18 BK
G102
(8W-15-2)


BATT A0
(8W-10-8)
POWER DISTRIBUTION CENTER
(8W-10-2)
FUSE 8 40A
(8W-10-21)
FUSE 5 20A
(8W-10-13)
8
5
A6 12 RD/OR
F32 16 PK/DB
62 C134
F32 16 PK/DB
1
BRAKE LAMP SWITCH
(8W-51-3)
2
BACK-UP LAMP SWITCH
(8W-51-2)
6
2
PARK/ NEUTRAL POSITION SWITCH
(8W-51-2)
3
4
L50 16 WT/TN
L1 18 VT/BK
L1 18 VT/BK
11
JOINT CONNECTOR NO. 2 (IN PDC)
(8W-10-21)
10
4
JOINT CONNECTOR NO. 6
(8W-10-13)
7
M/T
A/T
L50 18 WT/TN
42 C134
S114
(8W-10-13)
8 C130
A6 12 RD/OR
L50 18 WT/TN
L1 18 VT/BK
1
3
FUSED B(+)
GROUND
TRAILER TOW BRAKE B(+)
BRAKE LAMP SWITCH OUTPUT
ELECTRIC BRAKE PROVISION
9
JOINT CONNECTOR NO. 1 (IN PDC)
10
4
2
Z3 18 BK/OR
B40 12 LB
L1 18 VT/BK
5 C134
4
11 C129
B40 12 LB
L1 18 VT/BK
S316
(8W-51-2)
AFTERMARKET
OTHER
S320
OTHER
AFTERMARKET
Z3 18 BK/OR
B40 12 LB
B40 14 LB
L1 18 VT/BK
L1 18 VT/BK
EXCEPT 8.0L
8.0L
7
3
TRAILER TOW CONNECTOR
G201
(8W-15-14)
2
7
AFTERMARKET TRAILER TOW CONNECTOR


TURN SIGNAL/ HAZARD SWITCH (PART OF MULTI-FUNCTION SWITCH)
(8W-52-2)
LEFT TURN SIGNAL
RIGHT TURN SIGNAL
15
12
L63 16 DG/RD
L62 16 BR/RD
45
46
C134
10
13
C129
S313
(8W-52-4)
S314
(8W-52-4)
S315
(8W-15-6)
Z13 12 BK
S331
(8W-15-7)
AFTERMARKET
OTHER
OTHER
AFTERMARKET
AFTERMARKET
OTHER
L63 16 DG/RD
L62 16 BR/RD
Z13 12 BK
Z13 14 BK
3
C129
10
2
TRAILER TOW CONNECTOR
S321
5
6
1
9
8
AFTERMARKET TRAILER TOW CONNECTOR
TRAILER TOW CONNECTOR
G100
(8W-15-7)

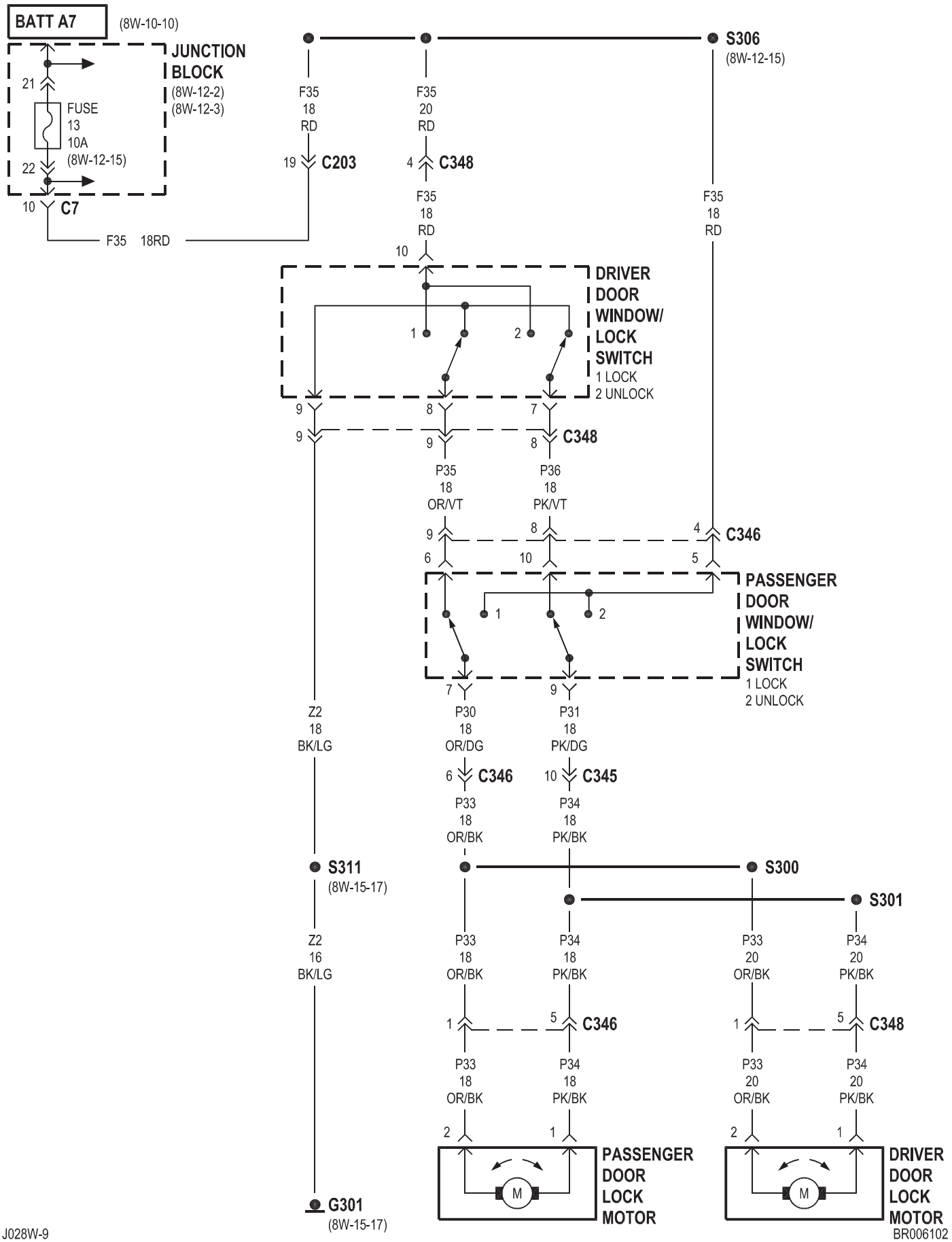
8W-60 POWER WINDOWS

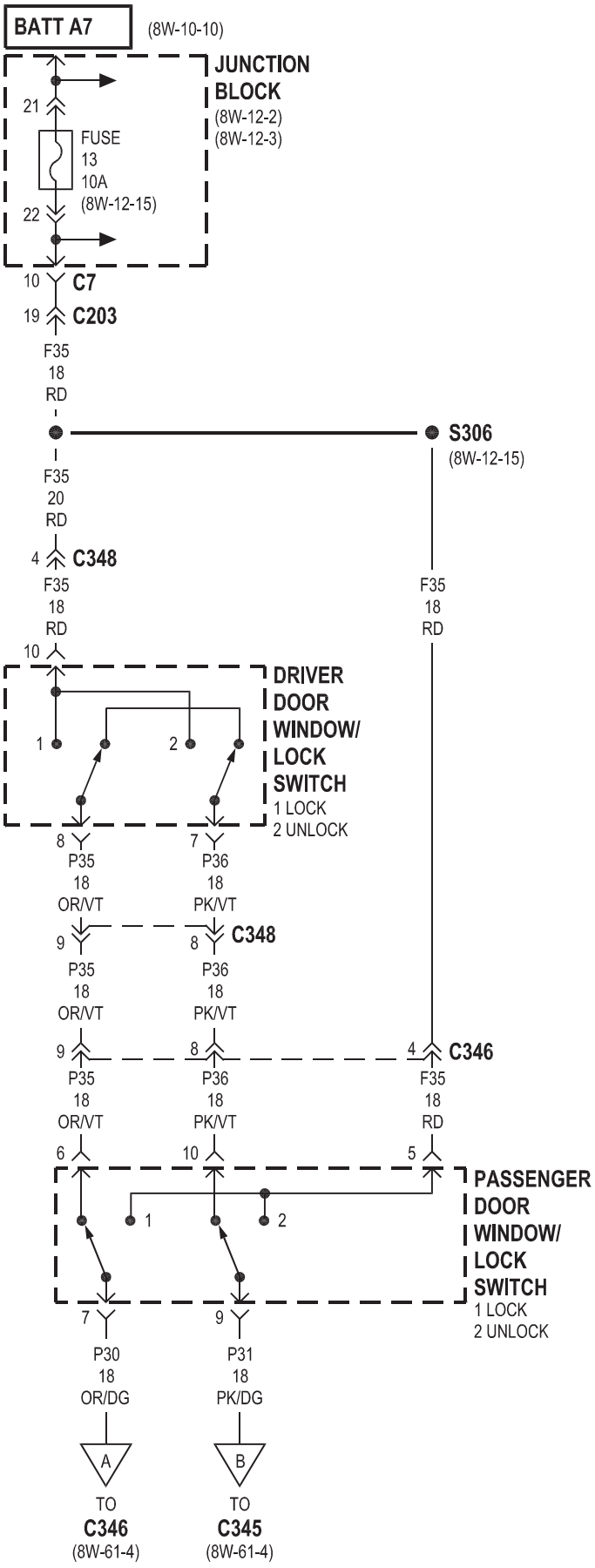
Component	Page
Circuit Breaker 1	8W-60-2
Driver Door Window/Lock Switch	8W-60-2
Driver Power Window Motor	8W-60-2
G300	8W-60-2
Junction Block	8W-60-2
Passenger Door Window/Lock Switch	8W-60-2
Passenger Power Window Motor	8W-60-2

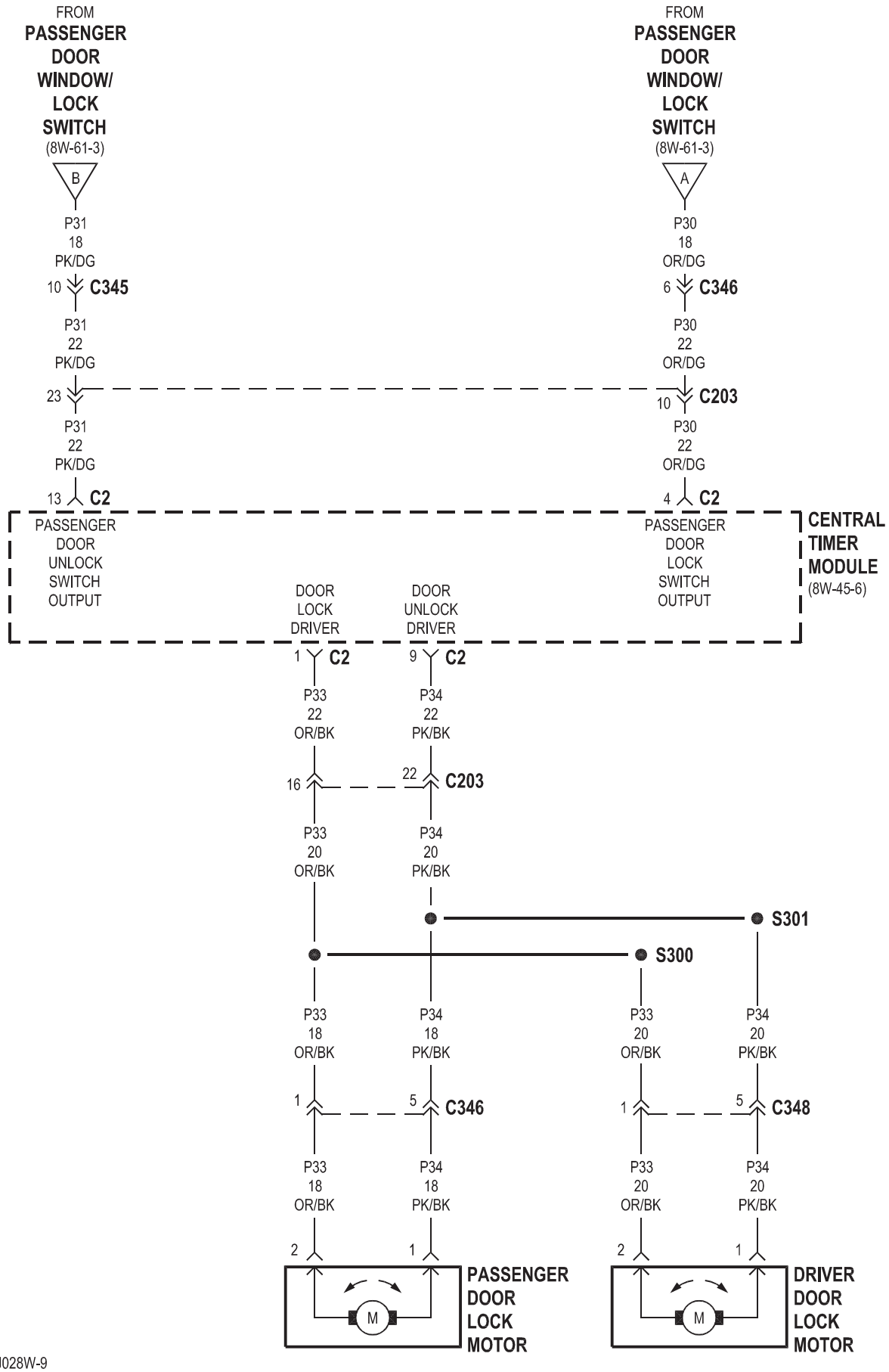

RUN A22
(8W-12-6)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
43
CIRCUIT BREAKER 1
20A
(8W-12-7)
44
8
C8
F21
14
TN
4
C203
S304
(8W-12-7)
7
C347
F21
14
TN
5
DRIVER DOOR WINDOW/ LOCK SWITCH
1 DOWN
2 UP
1
2
1
2
3
4
6
2
1
Z2
14
BK/LG
Q26
14
VT/WT
Q16
14
BR/WT
S329
(8W-15-16)
C348
C346
Z2
14
BK/LG
8
C347
Z2
14
BK/LG
2
G300
(8W-15-16)
Q21
16
WT
Q11
16
LB
Q26
14
VT/WT
Q16
14
BR/WT
F21
14
TN
Z2
14
BK/LG
S330
(8W-15-16)
7
C345
2
1
11
8
PASSENGER DOOR WINDOW/ LOCK SWITCH
1 DOWN
2 UP
Z2
14
BK/LG
8
C345
Z2
14
BK/LG
S305
(8W-15-16)
Z2
14
BK/LG
3
4
Q22
14
VT
Q12
14
BR
5
G300
(8W-15-16)
M
DRIVER POWER WINDOW MOTOR
M
PASSENGER POWER WINDOW MOTOR

8W-61 POWER DOOR LOCKS

Component	Page
Central Timer Module	8W-61-4
Driver Door Lock Motor	8W-61-2, 4
Driver Door Window/Lock Switch	8W-61-2, 3
Fuse 13 (JB)	8W-61-2, 3
G301	8W-61-2
Junction Block	8W-61-2, 3
Passenger Door Lock Motor	8W-61-2, 4
Passenger Door Window/Lock Switch	8W-61-2, 3, 4

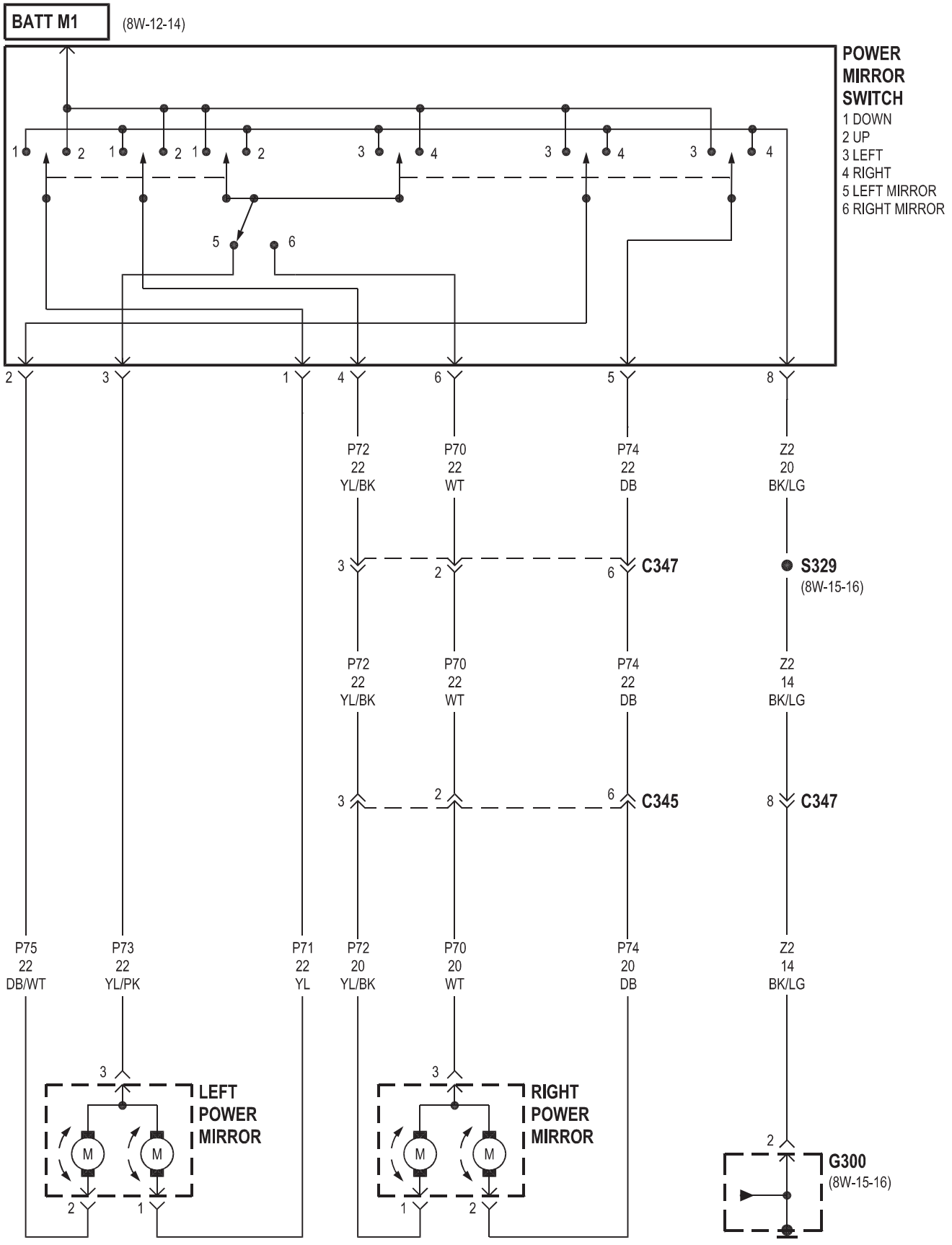

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
21
FUSE 13 10A
(8W-12-15)
22
10 C7
F35 18RD
F35 18 RD
19 C203
F35 20 RD
4 C348
S306
(8W-12-15)
F35 18 RD
10
DRIVER DOOR WINDOW/ LOCK SWITCH
1 LOCK
2 UNLOCK
1
2
9
8
7
9
9
8 C348
P35 18 OR/VT
P36 18 PK/VT
9
8
4 C346
6
10
5
PASSENGER DOOR WINDOW/ LOCK SWITCH
1 LOCK
2 UNLOCK
1
2
7
9
Z2 18 BK/LG
P30 18 OR/DG
P31 18 PK/DG
6 C346
10 C345
P33 18 OR/BK
P34 18 PK/BK
S311
(8W-15-17)
S300
S301
Z2 16 BK/LG
P33 18 OR/BK
P34 18 PK/BK
P33 20 OR/BK
P34 20 PK/BK
1
5 C346
1
5 C348
P33 18 OR/BK
P34 18 PK/BK
P33 20 OR/BK
P34 20 PK/BK
2
1
2
1
M
PASSENGER DOOR LOCK MOTOR
M
DRIVER DOOR LOCK MOTOR
G301
(8W-15-17)

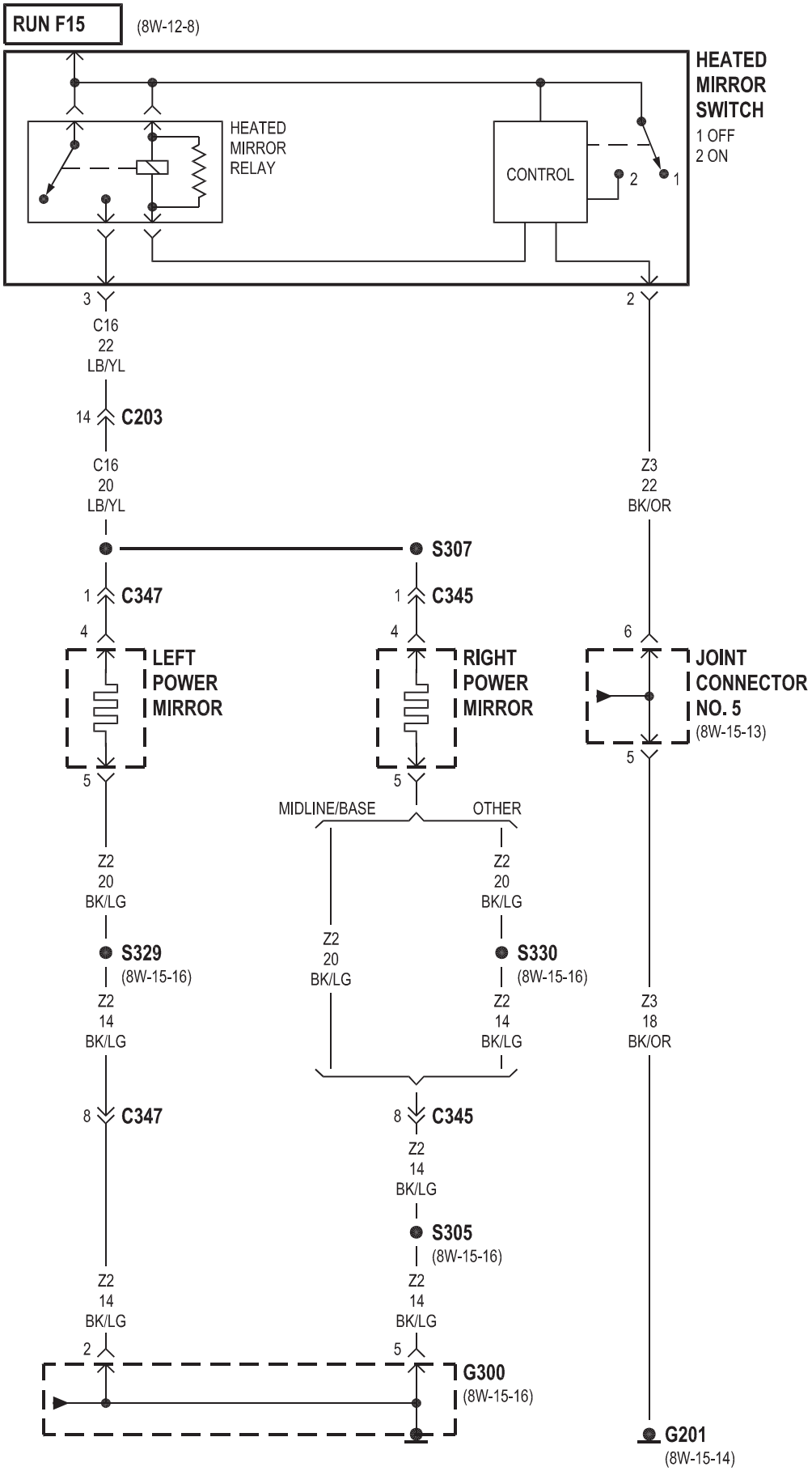

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
21
FUSE 13 10A
(8W-12-15)
22
10 C7
19 C203
F35 18 RD
S306
(8W-12-15)
F35 20 RD
4 C348
F35 18 RD
10
DRIVER DOOR WINDOW/ LOCK SWITCH
1 LOCK
2 UNLOCK
1
2
8 P35 18 OR/VT
7 P36 18 PK/VT
9 C348
8 C348
9 P35 18 OR/VT
8 P36 18 PK/VT
4 C346
9 P35 18 OR/VT
8 P36 18 PK/VT
F35 18 RD
6
10
5
PASSENGER DOOR WINDOW/ LOCK SWITCH
1 LOCK
2 UNLOCK
1
2
7 P30 18 OR/DG
9 P31 18 PK/DG
A
B
TO C346
(8W-61-4)
TO C345
(8W-61-4)


FROM
PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-61-3)
B
P31
18
PK/DG
10 C345
P31
22
PK/DG
23
P31
22
PK/DG
13 C2
PASSENGER DOOR UNLOCK SWITCH OUTPUT
FROM
PASSENGER DOOR WINDOW/ LOCK SWITCH
(8W-61-3)
A
P30
18
OR/DG
6 C346
P30
22
OR/DG
10 C203
P30
22
OR/DG
4 C2
PASSENGER DOOR LOCK SWITCH OUTPUT
CENTRAL TIMER MODULE
(8W-45-6)
DOOR LOCK DRIVER
DOOR UNLOCK DRIVER
1 C2
9 C2
P33
22
OR/BK
P34
22
PK/BK
16
22 C203
P33
20
OR/BK
P34
20
PK/BK
S301
S300
P33
18
OR/BK
P34
18
PK/BK
P33
20
OR/BK
P34
20
PK/BK
1
5 C346
1
5 C348
P33
18
OR/BK
P34
18
PK/BK
P33
20
OR/BK
P34
20
PK/BK
2
1
2
1
M
PASSENGER DOOR LOCK MOTOR
M
DRIVER DOOR LOCK MOTOR

8W-62 POWER MIRRORS

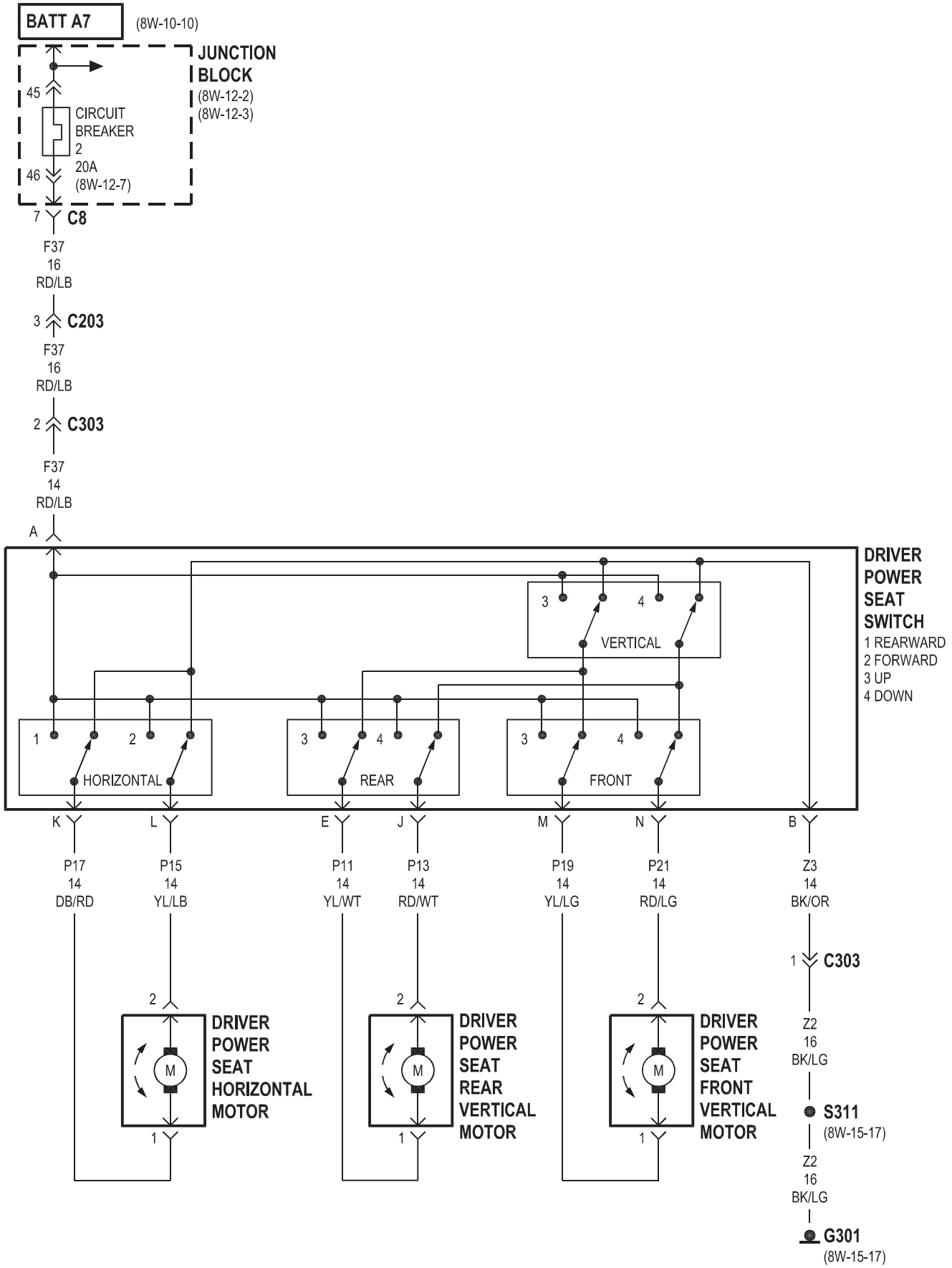
Component	Page
G201	8W-62-3
G300	8W-62-2, 3
Heated Mirror Relay	8W-62-3
Heated Mirror Switch	8W-62-3
Joint Connector No. 5	8W-62-3
Left Power Mirror	8W-62-2, 3
Power Mirror Switch	8W-62-2
Right Power Mirror	8W-62-2, 3


BATT M1
(8W-12-14)
POWER MIRROR SWITCH
1 DOWN
2 UP
3 LEFT
4 RIGHT
5 LEFT MIRROR
6 RIGHT MIRROR
P72 22 YL/BK
P70 22 WT
P74 22 DB
Z2 20 BK/LG
C347
S329
(8W-15-16)
Z2 14 BK/LG
C345
C347
P75 22 DB/WT
P73 22 YL/PK
P71 22 YL
P72 20 YL/BK
P70 20 WT
P74 20 DB
LEFT POWER MIRROR
RIGHT POWER MIRROR
G300
(8W-15-16)

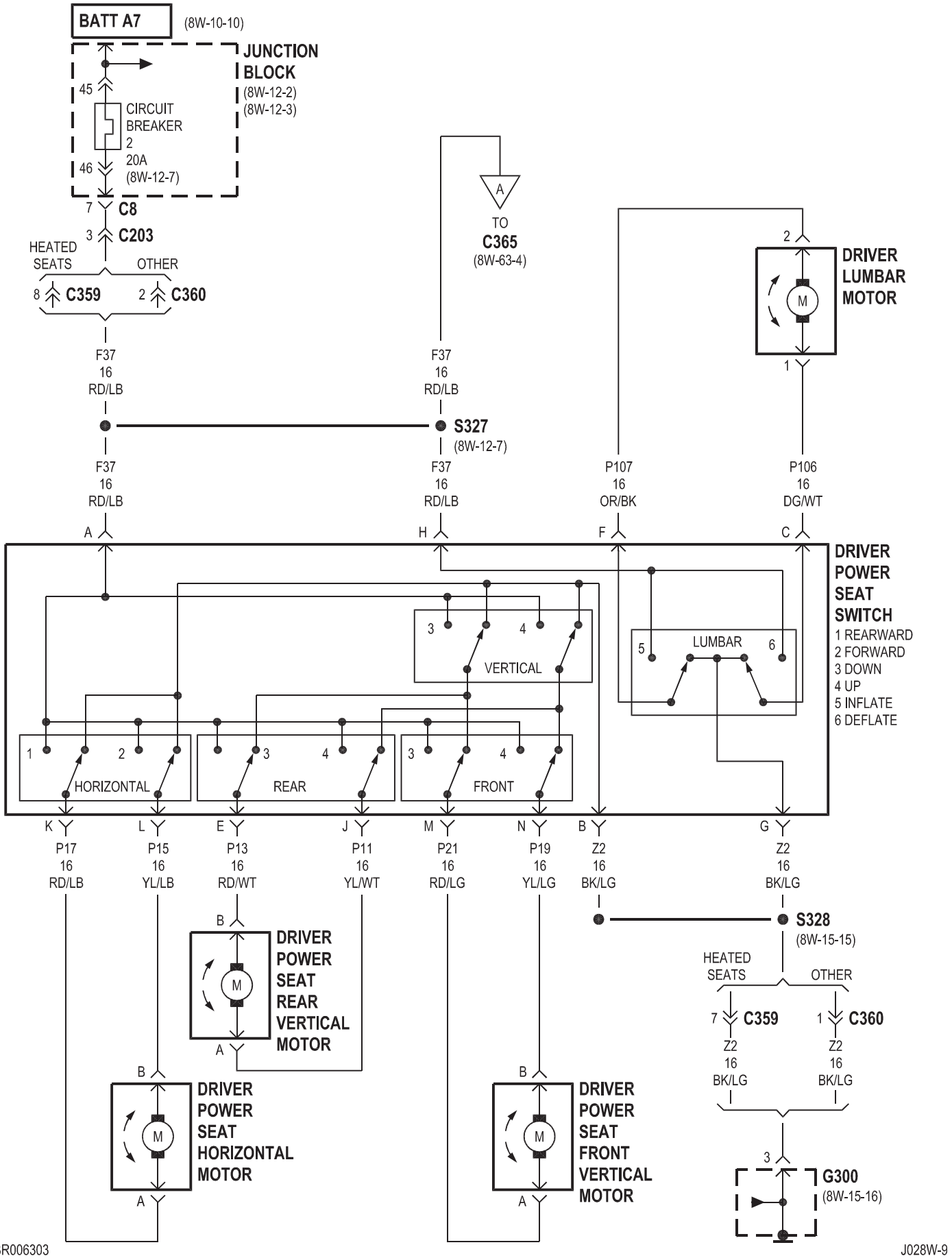

RUN F15
(8W-12-8)
HEATED MIRROR SWITCH
1 OFF
2 ON
HEATED MIRROR RELAY
CONTROL
2
1
3
2
C16
22
LB/YL
14
C203
C16
20
LB/YL
Z3
22
BK/OR
S307
1
C347
1
C345
4
4
6
LEFT POWER MIRROR
RIGHT POWER MIRROR
JOINT CONNECTOR NO. 5
(8W-15-13)
5
5
5
MIDLINE/BASE
OTHER
Z2
20
BK/LG
Z2
20
BK/LG
Z2
20
BK/LG
S329
(8W-15-16)
S330
(8W-15-16)
Z2
14
BK/LG
Z2
14
BK/LG
Z3
18
BK/OR
8
C347
8
C345
Z2
14
BK/LG
S305
(8W-15-16)
Z2
14
BK/LG
Z2
14
BK/LG
2
5
G300
(8W-15-16)
G201
(8W-15-14)

8W-63 POWER SEATS

Component	Page
Circuit Breaker 2	8W-63-2, 3
Driver Heated Seat Cushion	8W-63-6, 8
Driver Heated Seat Switch	8W-63-5
Driver Lumbar Motor	8W-63-3
Driver Power Seat Front Vertical Motor	8W-63-2, 3
Driver Power Seat Horizontal Motor	8W-63-2, 3
Driver Power Seat Rear Vertical Motor	8W-63-2, 3
Driver Power Seat Switch	8W-63-2, 3
Fuse 1 (JB)	8W-63-5, 7
Fuse 2 (JB)	8W-63-5, 7
G201	8W-63-5, 7
G300	8W-63-3, 4, 6, 8
G301	8W-63-2
Heated Seat Relay	8W-63-5, 7
Joint Connector No. 5	8W-63-5, 7
Joint Connector No. 8	8W-63-5, 7
Junction Block	8W-63-2, 3, 5, 7
Passenger Heated Seat Cushion	8W-63-4, 6, 8
Passenger Heated Seat Switch	8W-63-7
Passenger Lumbar Motor	8W-63-4
Passenger Power Seat Front Vertical Motor	8W-63-4
Passenger Power Seat Horizontal Motor	8W-63-4
Passenger Power Seat Rear Vertical Motor	8W-63-4
Passenger Power Seat Switch	8W-63-4
Seat Heat Interface Module	8W-63-5, 6, 7, 8

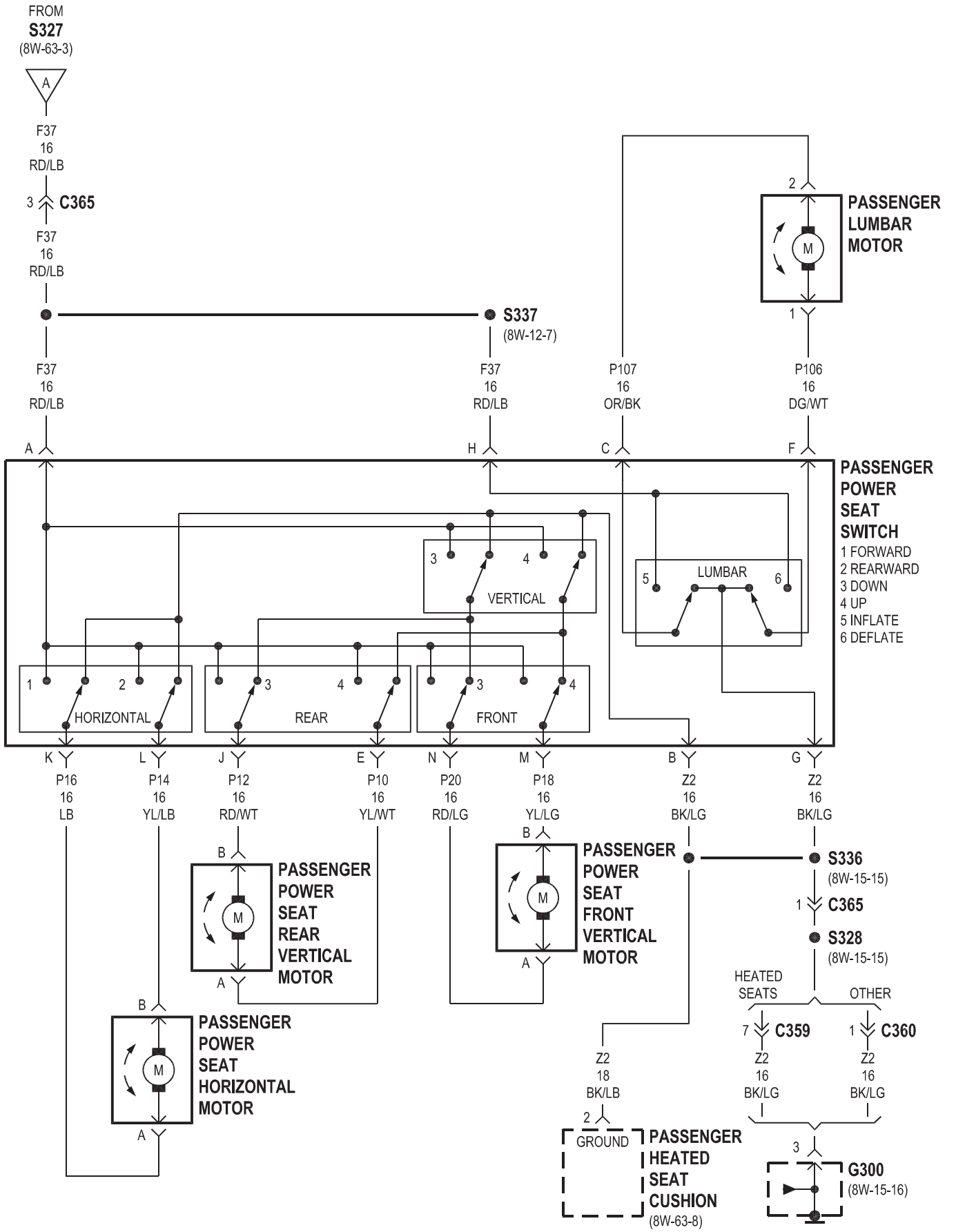

BATT A7
(8W-10-10)
JUNCTION BLOCK
(8W-12-2)
(8W-12-3)
45
CIRCUIT BREAKER 2 20A
(8W-12-7)
46
7
C8
F37
16
RD/LB
3
C203
F37
16
RD/LB
2
C303
F37
14
RD/LB
A
DRIVER POWER SEAT SWITCH
1 REARWARD
2 FORWARD
3 UP
4 DOWN
VERTICAL
HORIZONTAL
REAR
FRONT
K
L
E
J
M
N
B
P17
14
DB/RD
P15
14
YL/LB
P11
14
YL/WT
P13
14
RD/WT
P19
14
YL/LG
P21
14
RD/LG
Z3
14
BK/OR
DRIVER POWER SEAT HORIZONTAL MOTOR
DRIVER POWER SEAT REAR VERTICAL MOTOR
DRIVER POWER SEAT FRONT VERTICAL MOTOR
C303
Z2
16
BK/LG
S311
(8W-15-17)
Z2
16
BK/LG
G301
(8W-15-17)

CLUB CAB

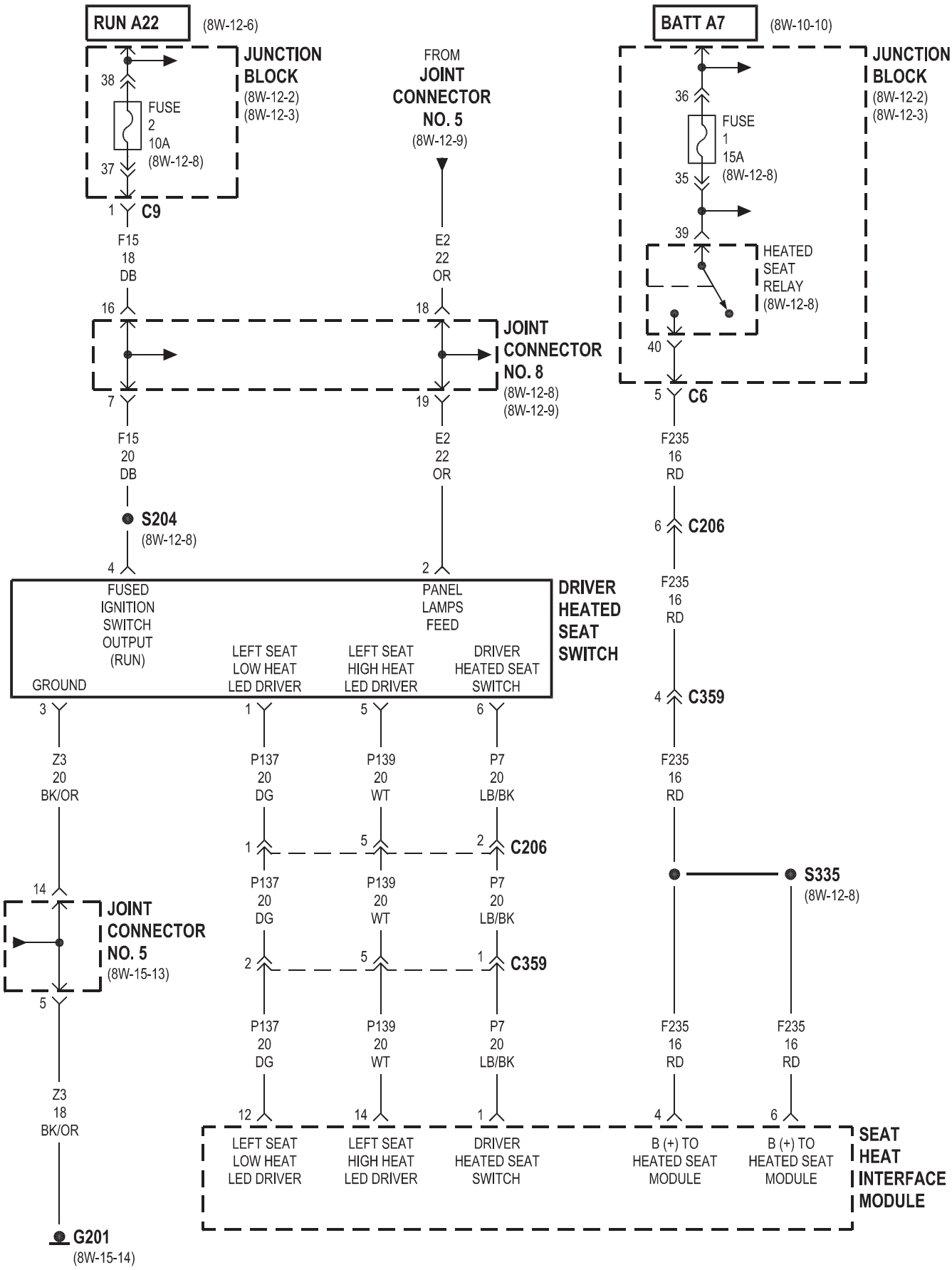


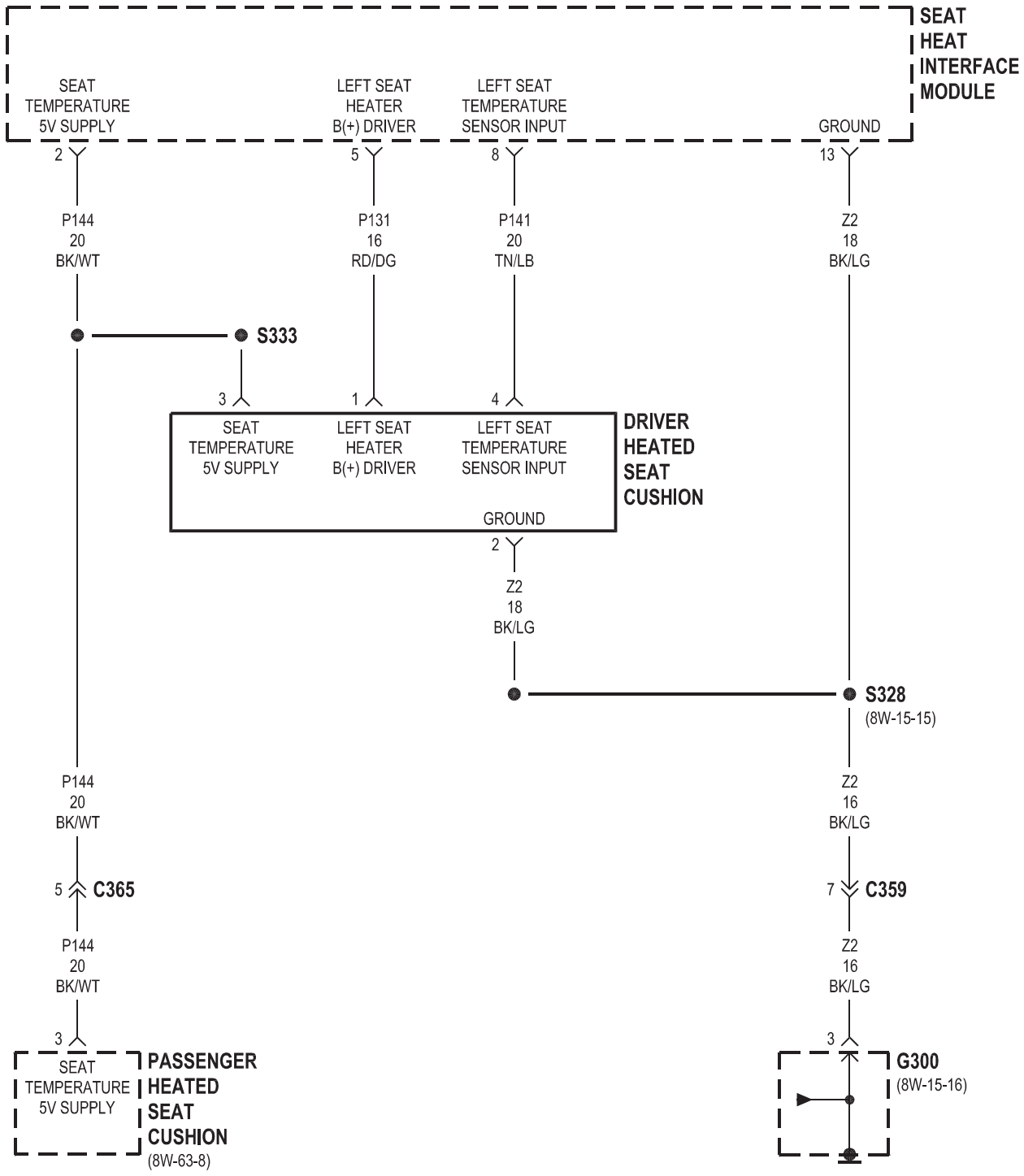
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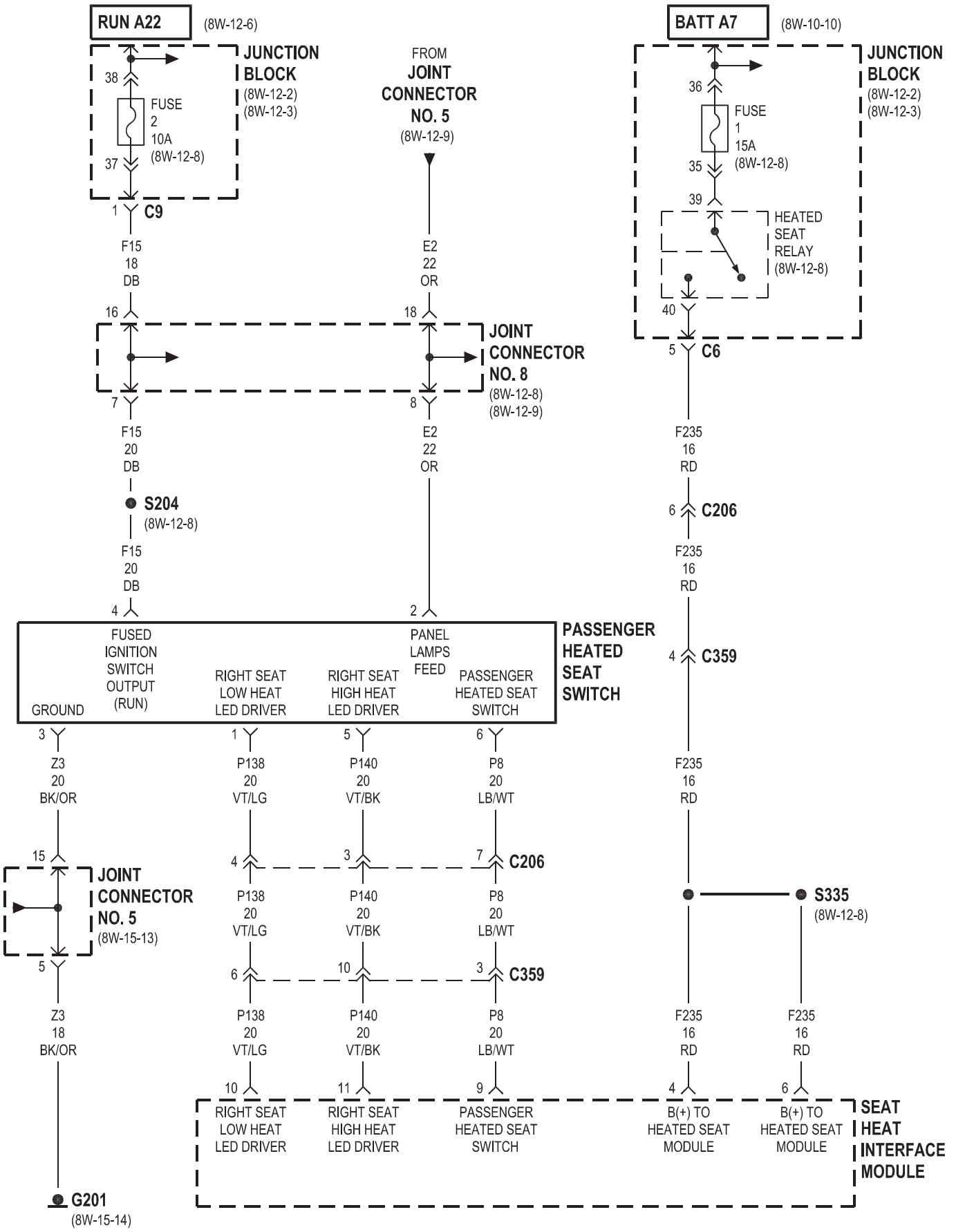

FROM
S327
(8W-63-3)
A
F37
16
RD/LB
3
C365
F37
16
RD/LB
S337
(8W-12-7)
2
PASSENGER
LUMBAR
MOTOR
M
1
F37
16
RD/LB
F37
16
RD/LB
P107
16
OR/BK
P106
16
DG/WT
A
H
C
F
PASSENGER
POWER
SEAT
SWITCH
1 FORWARD
2 REARWARD
3 DOWN
4 UP
5 INFLATE
6 DEFLATE
3
4
VERTICAL
5
LUMBAR
6
1
2
HORIZONTAL
3
4
REAR
3
4
FRONT
K
L
J
E
N
M
B
G
P16
16
LB
P14
16
YL/LB
P12
16
RD/WT
P10
16
YL/WT
P20
16
RD/LG
P18
16
YL/LG
Z2
16
BK/LG
Z2
16
BK/LG
B
PASSENGER
POWER
SEAT
REAR
VERTICAL
MOTOR
M
A
B
PASSENGER
POWER
SEAT
FRONT
VERTICAL
MOTOR
M
A
S336
(8W-15-15)
1
C365
S328
(8W-15-15)
HEATED
SEATS
OTHER
7
C359
1
C360
B
PASSENGER
POWER
SEAT
HORIZONTAL
MOTOR
M
A
Z2
18
BK/LB
Z2
16
BK/LG
Z2
16
BK/LG
2
GROUND
PASSENGER
HEATED
SEAT
CUSHION
(8W-63-8)
3
G300
(8W-15-16)

HEATED SEATS

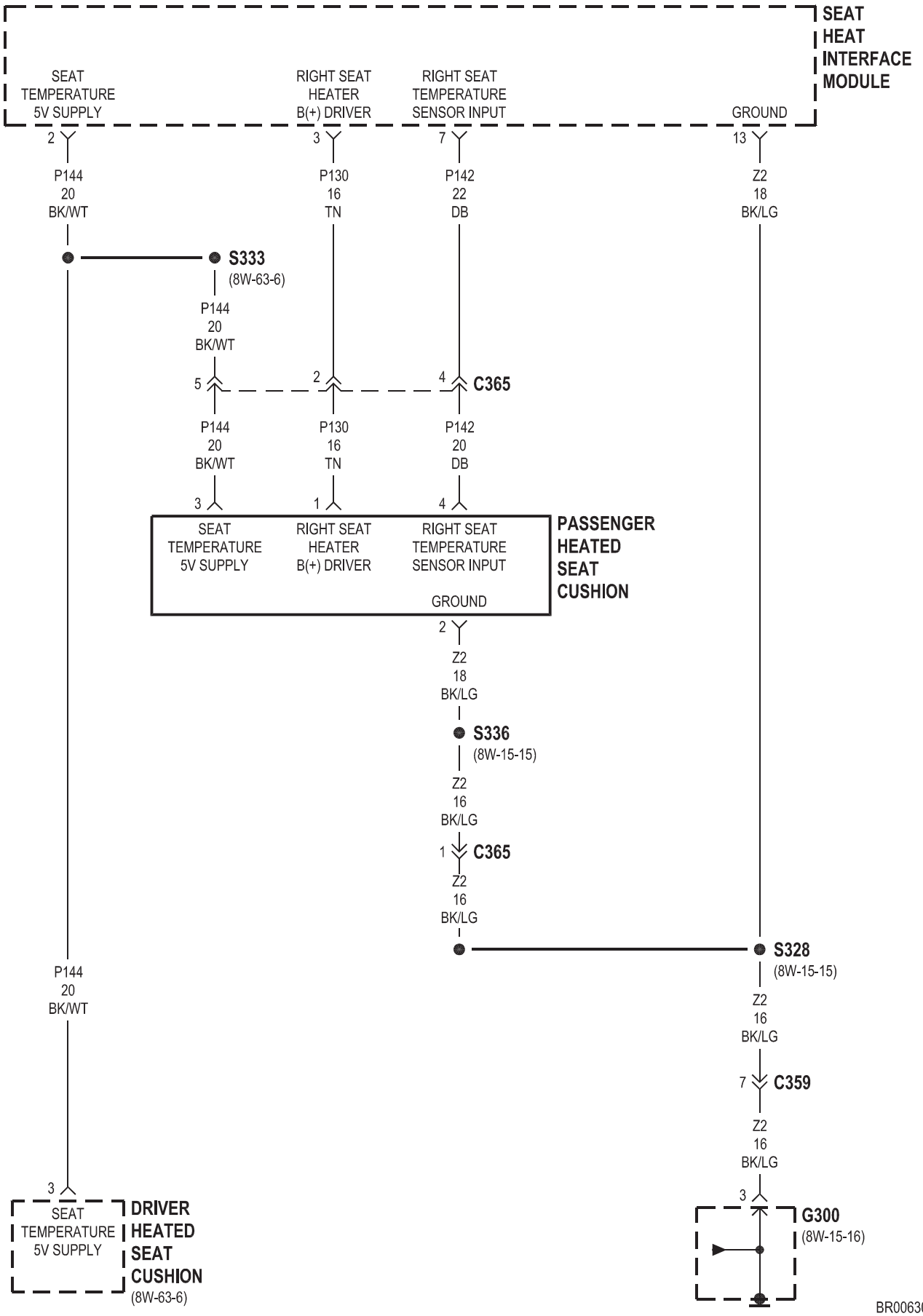



SEAT HEAT INTERFACE MODULE
SEAT TEMPERATURE 5V SUPPLY
LEFT SEAT HEATER B(+) DRIVER
LEFT SEAT TEMPERATURE SENSOR INPUT
GROUND
2
5
8
13
P144 20 BK/WT
P131 16 RD/DG
P141 20 TN/LB
Z2 18 BK/LG
S333
3
1
4
SEAT TEMPERATURE 5V SUPPLY
LEFT SEAT HEATER B(+) DRIVER
LEFT SEAT TEMPERATURE SENSOR INPUT
DRIVER HEATED SEAT CUSHION
GROUND
2
Z2 18 BK/LG
S328
(8W-15-15)
P144 20 BK/WT
Z2 16 BK/LG
5
C365
7
C359
P144 20 BK/WT
Z2 16 BK/LG
3
3
SEAT TEMPERATURE 5V SUPPLY
PASSENGER HEATED SEAT CUSHION
(8W-63-8)
G300
(8W-15-16)

HEATED SEATS

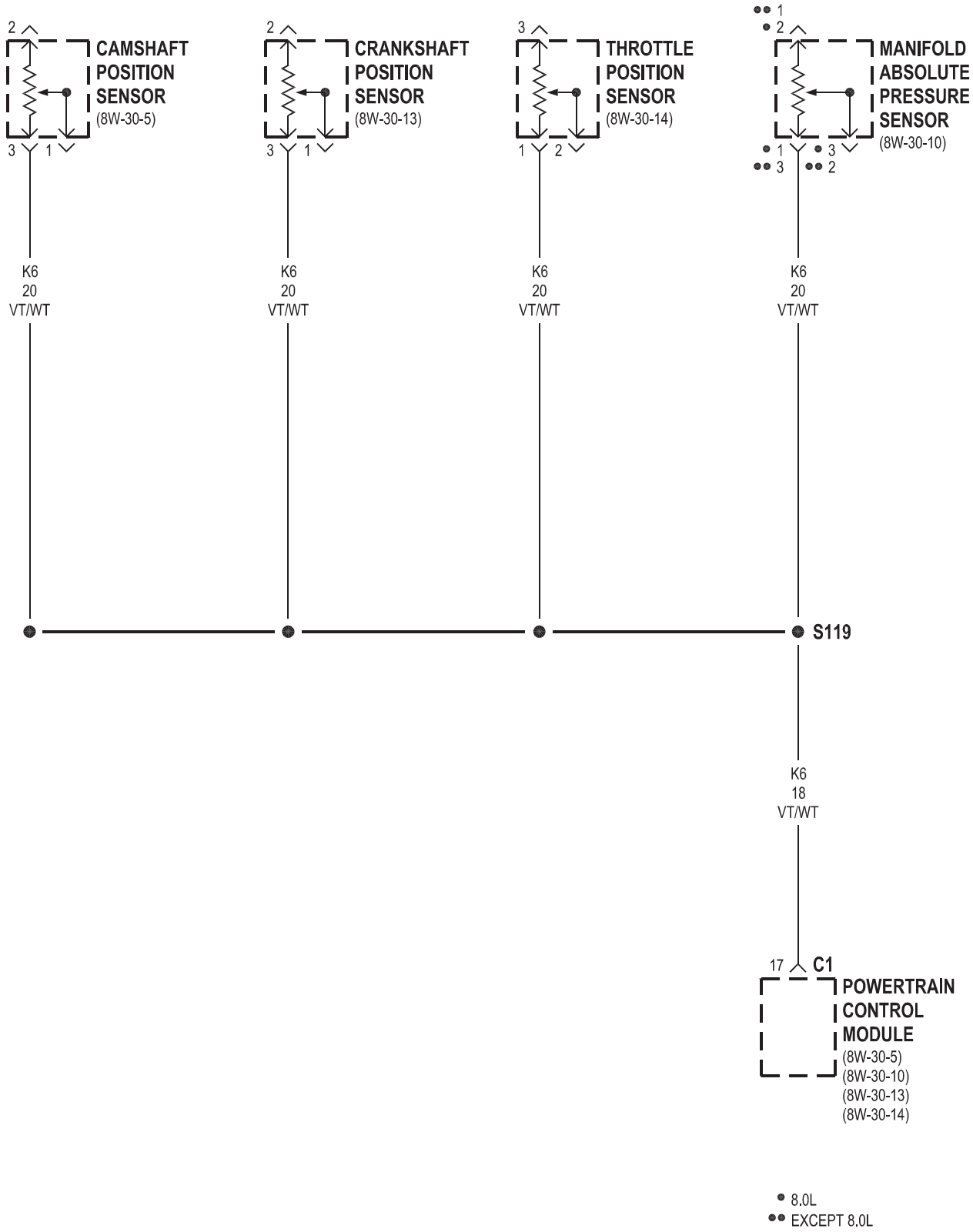


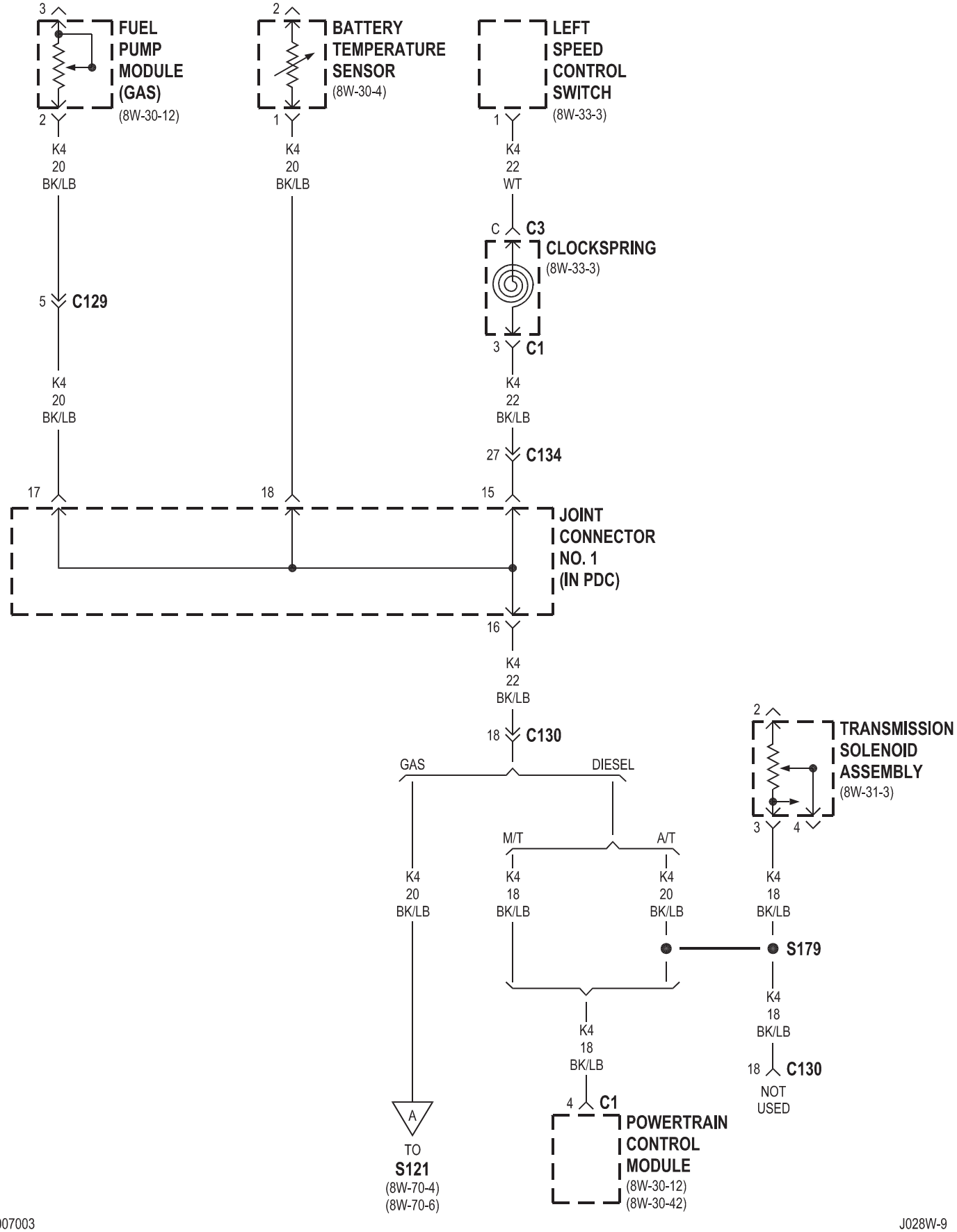
HEATED SEATS

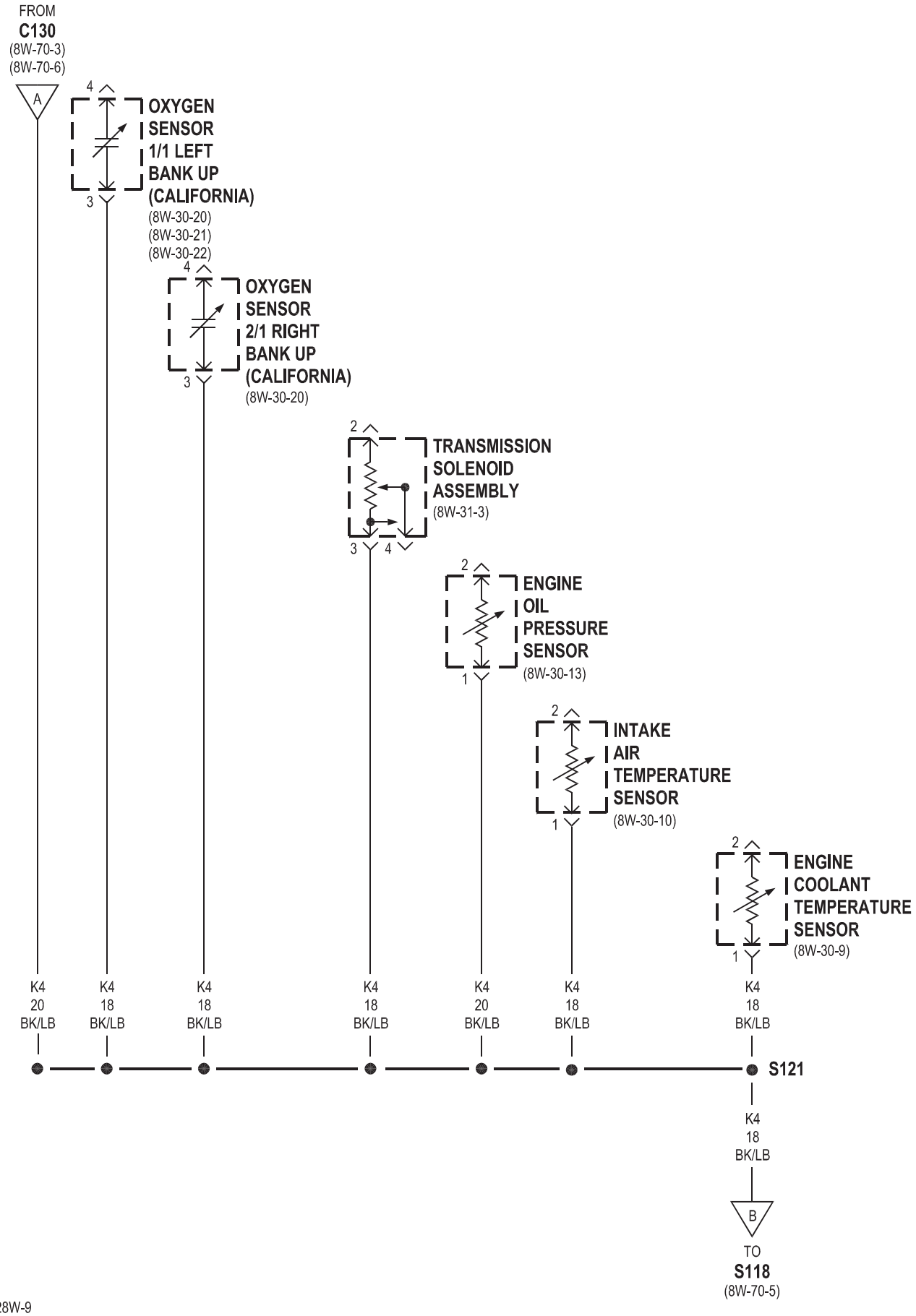


8W-70 SPLICE INFORMATION

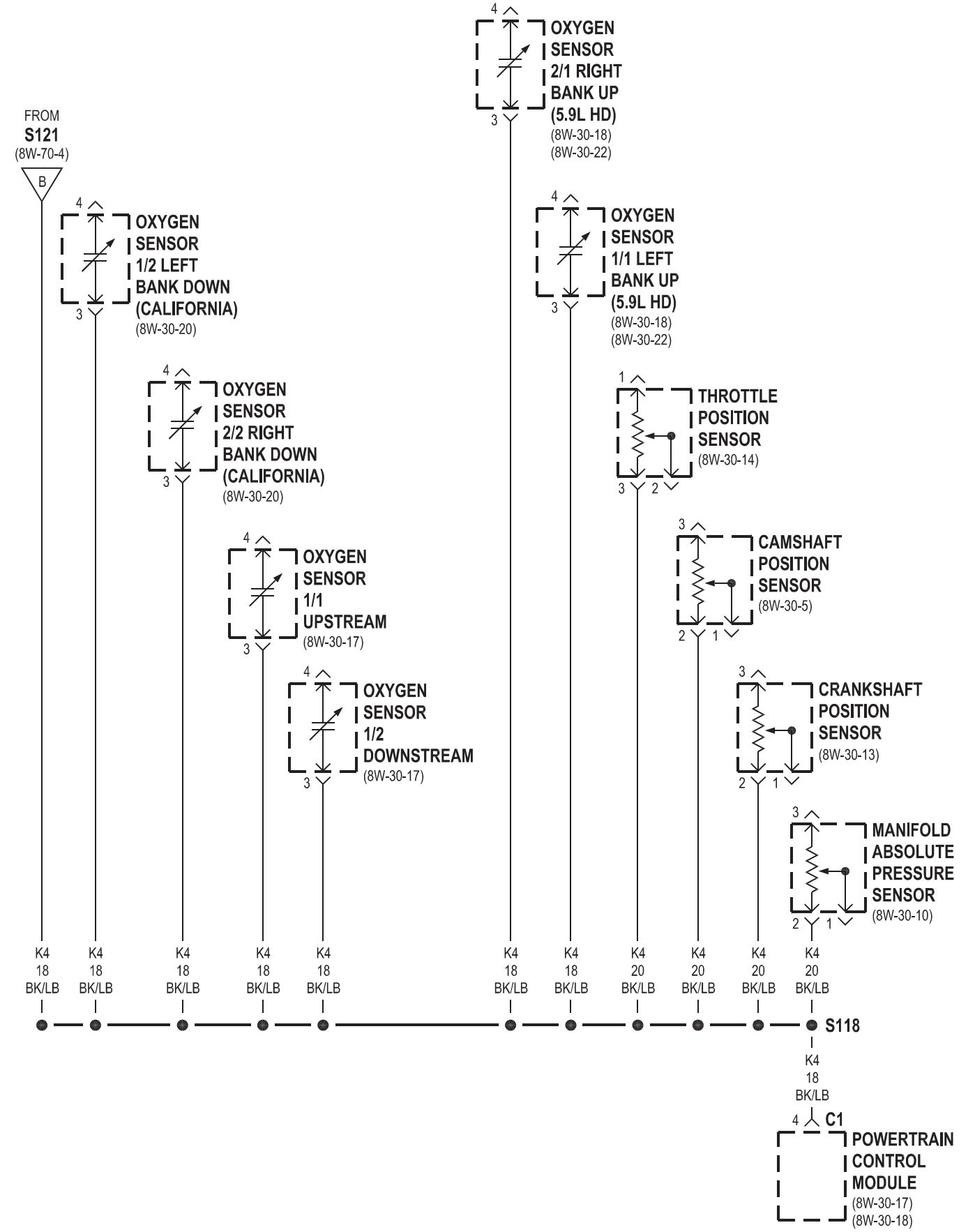
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S108	8W-12-11
S109	8W-15-11
S110	8W-50-10, 11
S111	8W-30-37
S112	8W-15-5
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S117	8W-10-15, 16
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S143	8W-10-25
S144	8W-50-5
S150	8W-15-7
S151	8W-15-3
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S161	8W-10-12
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S167	8W-10-12
S168	8W-15-9
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S171	8W-12-12
S172	8W-30-40
S173	8W-30-40
S174	8W-30-38
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S182	8W-50-6
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S203	8W-53-2
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S302	8W-47-8
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S308	8W-45-6
S310	8W-12-14
S311	8W-15-17
S313	8W-52-4
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S315	8W-15-6
S316	8W-51-2
S317	8W-51-5
S318	8W-10-21
S318	8W-54-2
S319	8W-10-21
S319	8W-54-2
S320	8W-54-3
S321	8W-15-6
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S324	8W-12-13
S325	8W-15-18
S326	8W-12-14
S327	8W-12-7
S328	8W-15-15
S329	8W-15-16
S330	8W-15-16
S331	8W-15-7
S332	8W-45-10
S333	8W-63-6
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S340	8W-15-12
S401	8W-15-6
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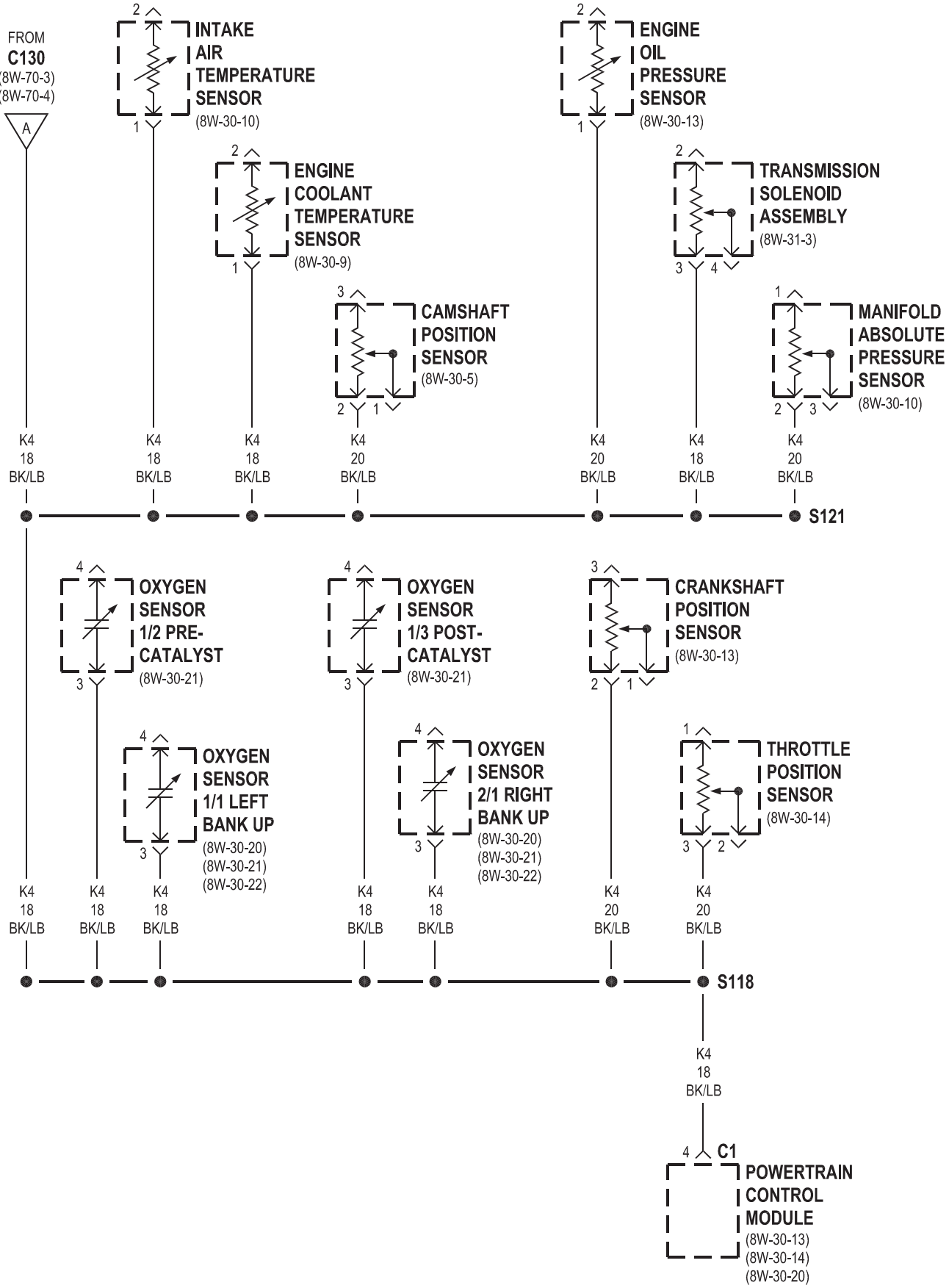

2
CAMSHAFT POSITION SENSOR
(8W-30-5)
3 1
2
CRANKSHAFT POSITION SENSOR
(8W-30-13)
3 1
3
THROTTLE POSITION SENSOR
(8W-30-14)
1 2
1
2
MANIFOLD ABSOLUTE PRESSURE SENSOR
(8W-30-10)
1 3
3 2
K6
20
VT/WT
K6
20
VT/WT
K6
20
VT/WT
K6
20
VT/WT
S119
K6
18
VT/WT
17 C1
POWERTRAIN CONTROL MODULE
(8W-30-5)
(8W-30-10)
(8W-30-13)
(8W-30-14)
8.0L
EXCEPT 8.0L

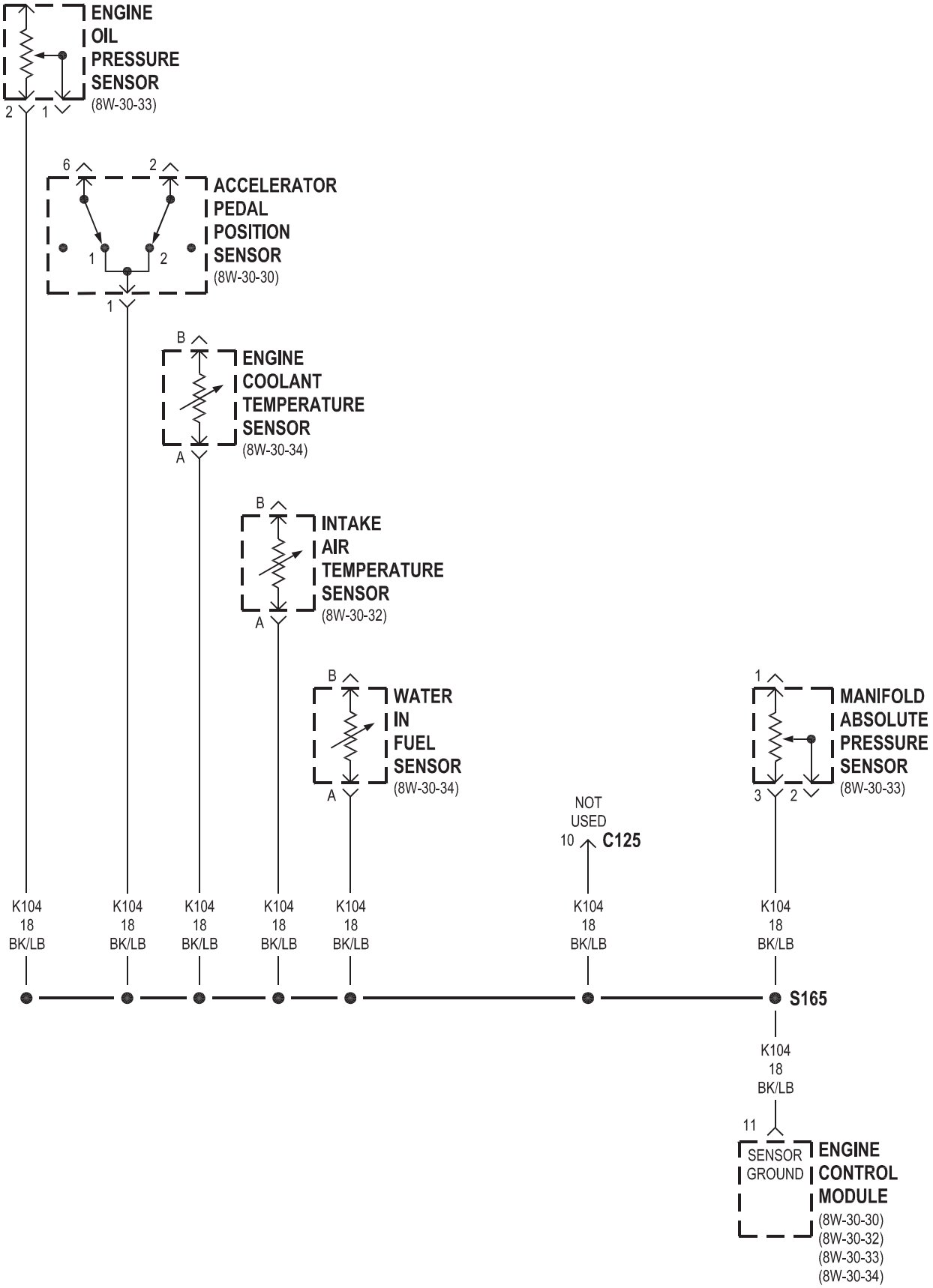

3
FUEL PUMP MODULE (GAS)
(8W-30-12)
2
K4
20
BK/LB
5
C129
K4
20
BK/LB
17
2
BATTERY TEMPERATURE SENSOR
(8W-30-4)
1
K4
20
BK/LB
18
LEFT SPEED CONTROL SWITCH
(8W-33-3)
1
K4
22
WT
C
C3
CLOCKSPRING
(8W-33-3)
3
C1
K4
22
BK/LB
27
C134
15
JOINT CONNECTOR NO. 1 (IN PDC)
16
K4
22
BK/LB
18
C130
GAS
DIESEL
M/T
A/T
K4
20
BK/LB
K4
18
BK/LB
K4
20
BK/LB
K4
18
BK/LB
S179
K4
18
BK/LB
4
C1
POWERTRAIN CONTROL MODULE
(8W-30-12)
(8W-30-42)
A
TO
S121
(8W-70-4)
(8W-70-6)
2
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
3
4
18
C130
NOT USED


FROM
C130
(8W-70-3)
(8W-70-6)
A
4
OXYGEN
SENSOR
1/1 LEFT
BANK UP
(CALIFORNIA)
3
(8W-30-20)
(8W-30-21)
(8W-30-22)
4
OXYGEN
SENSOR
2/1 RIGHT
BANK UP
(CALIFORNIA)
3
(8W-30-20)
2
TRANSMISSION
SOLENOID
ASSEMBLY
(8W-31-3)
3
4
2
ENGINE
OIL
PRESSURE
SENSOR
(8W-30-13)
1
2
INTAKE
AIR
TEMPERATURE
SENSOR
(8W-30-10)
1
2
ENGINE
COOLANT
TEMPERATURE
SENSOR
(8W-30-9)
1
K4
20
BK/LB
K4
18
BK/LB
K4
18
BK/LB
K4
18
BK/LB
K4
20
BK/LB
K4
18
BK/LB
K4
18
BK/LB
S121
K4
18
BK/LB
B
TO
S118
(8W-70-5)

GAS EXCEPT 8.0L




FROM
C130
(8W-70-3)
(8W-70-4)
A
INTAKE AIR TEMPERATURE SENSOR
(8W-30-10)
ENGINE COOLANT TEMPERATURE SENSOR
(8W-30-9)
CAMSHAFT POSITION SENSOR
(8W-30-5)
ENGINE OIL PRESSURE SENSOR
(8W-30-13)
TRANSMISSION SOLENOID ASSEMBLY
(8W-31-3)
MANIFOLD ABSOLUTE PRESSURE SENSOR
(8W-30-10)
K4 18 BK/LB
K4 18 BK/LB
K4 18 BK/LB
K4 20 BK/LB
K4 20 BK/LB
K4 18 BK/LB
K4 20 BK/LB
S121
OXYGEN SENSOR 1/2 PRE-CATALYST
(8W-30-21)
OXYGEN SENSOR 1/3 POST-CATALYST
(8W-30-21)
CRANKSHAFT POSITION SENSOR
(8W-30-13)
OXYGEN SENSOR 1/1 LEFT BANK UP
(8W-30-20)
(8W-30-21)
(8W-30-22)
OXYGEN SENSOR 2/1 RIGHT BANK UP
(8W-30-20)
(8W-30-21)
(8W-30-22)
THROTTLE POSITION SENSOR
(8W-30-14)
K4 18 BK/LB
K4 18 BK/LB
K4 18 BK/LB
K4 18 BK/LB
K4 18 BK/LB
K4 20 BK/LB
K4 20 BK/LB
S118
K4 18 BK/LB
C1
POWERTRAIN CONTROL MODULE
(8W-30-13)
(8W-30-14)
(8W-30-20)

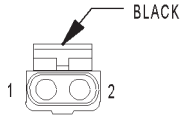

ENGINE OIL PRESSURE SENSOR (8W-30-33)
2
1
6
2
ACCELERATOR PEDAL POSITION SENSOR (8W-30-30)
1
2
1
B
ENGINE COOLANT TEMPERATURE SENSOR (8W-30-34)
A
B
INTAKE AIR TEMPERATURE SENSOR (8W-30-32)
A
B
WATER IN FUEL SENSOR (8W-30-34)
A
NOT USED
10
C125
1
MANIFOLD ABSOLUTE PRESSURE SENSOR (8W-30-33)
3
2
K104 18 BK/LB
K104 18 BK/LB
K104 18 BK/LB
K104 18 BK/LB
K104 18 BK/LB
K104 18 BK/LB
K104 18 BK/LB
S165
K104 18 BK/LB
11
SENSOR GROUND
ENGINE CONTROL MODULE
(8W-30-30)
(8W-30-32)
(8W-30-33)
(8W-30-34)

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C114	8W-80-9
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C126 (Diesel)	8W-80-10
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C203	8W-80-19
C205	8W-80-20
C205	8W-80-20
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C237	8W-80-21
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C303	8W-80-22
C308	8W-80-22
C308	8W-80-22
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C329 (Club Cab)	8W-80-23
C329 (Standard Cab)	8W-80-23
C329 (Standard Cab)	8W-80-23
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C333 (Club Cab)	8W-80-23
C333 (Standard Cab)	8W-80-24
C333 (Standard Cab)	8W-80-24
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C342	8W-80-24
C343	8W-80-24
C343	8W-80-24
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C344 (Dual Rear Wheels)	8W-80-25
C345	8W-80-25
C345	8W-80-25
C346	8W-80-26
C346	8W-80-26
C347	8W-80-26
C347	8W-80-27
C348	8W-80-27
C348	8W-80-28
C352	8W-80-28
C352	8W-80-28
C353	8W-80-28
C353	8W-80-28
C358	8W-80-29
C358	8W-80-29
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C360 (Club Cab)	8W-80-30
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Left Park/Turn Signal Lamp	8W-80-59
Left Power Mirror	8W-80-59

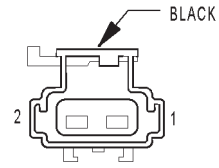
Component	Page
Left Rear Fender Lamp (Dual Rear Wheels)	8W-80-59
Left Rear Speaker (Premium 2 Door)	8W-80-59
Left Rear Speaker (Premium 4 Door)	8W-80-60
Left Rear Speaker (Standard 2 Door)	8W-80-60
Left Rear Speaker (Standard 4 Door)	8W-80-60
Left Remote Radio Switch	8W-80-60
Left Speed Control Switch	8W-80-60
Left Tail/Stop/Turn Signal Lamp	8W-80-61
Left Tweeter (Premium)	8W-80-61
Left Visor/Vanity Lamp	8W-80-61
Low Note Horn	8W-80-61
Manifold Absolute Pressure Sensor (3.9L/5.2L/5.9L)	8W-80-61
Manifold Absolute Pressure Sensor (8.0L)	8W-80-62
Manifold Air Pressure Sensor (Diesel)	8W-80-62
Multi-Function Switch	8W-80-62
Output Speed Sensor	8W-80-63
Overdrive Switch	8W-80-63
Overhead Console (Base)	8W-80-63
Overhead Console (Highline)	8W-80-63
Oxygen Sensor 1/1 Left Bank Up (5.9L HD/8.0L)	8W-80-63
Oxygen Sensor 1/1 Left Bank Up (California)	8W-80-64
Oxygen Sensor 1/1 Upstream (A/T Except 8.0L)	8W-80-64
Oxygen Sensor 1/1 Upstream (M/T Except 8.0L)	8W-80-64
Oxygen Sensor 1/2 Downstream (3.9L/5.2L)	8W-80-64
Oxygen Sensor 1/2 Left Bank Down (California)	8W-80-64
Oxygen Sensor 1/2 Pre-Catalyst (8.0L)	8W-80-65
Oxygen Sensor 1/3 Post Catalyst (8.0L)	8W-80-65
Oxygen Sensor 2/1 Right Bank Up (5.9l HD) (5.2L/5.9L/8.0L California)	8W-80-65
Oxygen Sensor 2/2 Right Bank Down (California)	8W-80-65
Park/Neutral Position Switch (A/T)	8W-80-65
Passenger Airbag	8W-80-66
Passenger Airbag On/Off Switch C1	8W-80-66
Passenger Airbag On/Off Switch C2	8W-80-66
Passenger Cylinder Lock Switch	8W-80-66
Passenger Door Ajar Switch	8W-80-66
Passenger Door Lock Motor	8W-80-66
Passenger Door Window/Lock Switch	8W-80-67
Passenger Heated Seat Cushion	8W-80-67
Passenger Heated Seat Switch	8W-80-67
Passenger Lumbar Motor	8W-80-67
Passenger Power Seat Front Vertical Motor (Club Cab)	8W-80-68
Passenger Power Seat Horizontal Motor (Club Cab)	8W-80-68
Passenger Power Seat Rear Vertical Motor (Club Cab)	8W-80-68
Passenger Power Seat Switch (Club Cab)	8W-80-68
Passenger Power Window Motor	8W-80-68
Power Mirror Switch	8W-80-69
Power Outlet	8W-80-69
Powertrain Control Module C1 (Diesel)	8W-80-69
Powertrain Control Module C1 (Gas)	8W-80-70
Powertrain Control Module C2 (Diesel)	8W-80-71
Powertrain Control Module C2 (Gas)	8W-80-71
Powertrain Control Module C3 (Diesel)	8W-80-72
Powertrain Control Module C3 (Gas)	8W-80-73
Radio C1	8W-80-74
Radio C2	8W-80-74
Radio C3	8W-80-74
Radio Choke Relay	8W-80-74
Rear Wheel Speed Sensor (ABS)	8W-80-74
Right Back-Up Lamp	8W-80-75
Right Fog Lamp	8W-80-75
Right Front Door Speaker (Premium)	8W-80-75
Right Front Door Speaker (Standard)	8W-80-75
Right Front Fender Lamp (Dual Rear Wheels)	8W-80-75
Right Front Wheel Speed Sensor (ABS)	8W-80-76
Right Headlamp	8W-80-76
Right License Lamp	8W-80-76
Right Outboard Clearance Lamp	8W-80-76
Right Outboard Headlamp	8W-80-76
Right Outboard Identification Lamp	8W-80-77
Right Park/Turn Signal Lamp	8W-80-77
Right Power Mirror	8W-80-77
Right Rear Fender Lamp (Dual Rear Wheels)	8W-80-77
Right Rear Speaker (2 Door Premium)	8W-80-77
Right Rear Speaker (4 Door Premium)	8W-80-78
Right Rear Speaker (Standard 2 Door)	8W-80-78
Right Rear Speaker (Standard 4 Door)	8W-80-78
Right Remote Radio Switch	8W-80-78
Right Speed Control Switch	8W-80-78
Right Tail/Stop/Turn Signal Lamp	8W-80-78
Right Tweeter (Premium)	8W-80-79
Right Visor/Vanity Lamp	8W-80-79
Seat Belt Switch (Club Cab)	8W-80-79
Seat Belt Switch (Standard Cab)	8W-80-79
Seat Heat Interface Module	8W-80-79
Speed Control Servo	8W-80-80
Tailgate Lamp (Dual Rear Wheels)	8W-80-80
Throttle Position Sensor (Gas)	8W-80-80
Trailer Tow Connector	8W-80-80
Transmission Solenoid Assembly	8W-80-80
Underhood Lamp	8W-80-81
Washer Fluid Level Switch	8W-80-81
Water In Fuel Sensor (Diesel)	8W-80-81
Wiper Motor	8W-80-81



4WD
SWITCH

4WD SWITCH - BLACK 2 WAY

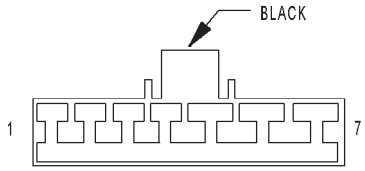
CAV	CIRCUIT	FUNCTION
1	G107 18BK/GY	4WD SWITCH SENSE
2	Z1 18BK	GROUND



A/C
COMPRESSOR
CLUTCH

A/C COMPRESSOR CLUTCH - BLACK 2 WAY

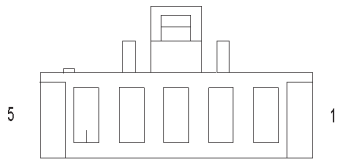
CAV	CIRCUIT	FUNCTION
1	C3 18DB/BK	A/C COMPRESSOR CLUTCH RELAY OUTPUT
2	Z11 18BK/WT	GROUND



A/C-
HEATER
CONTROL

A/C-HEATER CONTROL - BLACK 7 WAY

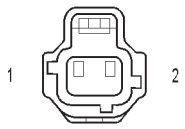
CAV	CIRCUIT	FUNCTION
1	Z3 12BK/OR	GROUND
2	C7 12BK/TN	HIGH SPEED BLOWER MOTOR CONTROL
3	C6 14LB	M2 SPEED BLOWER MOTOR CONTROL
4	C5 16LG	M1 SPEED BLOWER MOTOR CONTROL
5	C4 16TN	LOW SPEED BLOWER MOTOR CONTROL
6	C90 22LG/WT	A/C SELECT INPUT
7	E2 22OR	PANEL LAMPS FEED



A/C HEATER
TEMPERATURE
SELECT

A/C HEATER TEMPERATURE SELECT - 5 WAY

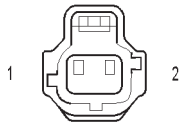
CAV	CIRCUIT	FUNCTION
1	-	-
2	Z2 22BK/LG	GROUND
3	C82 22YL/OR	TEMPERATURE SELECT
4	F15 22DB	FUSED IGNITION SWITCH OUTPUT (RUN)
5	-	-



A/C HIGH
PRESSURE
SWITCH

A/C HIGH PRESSURE SWITCH - 2 WAY

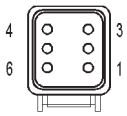
CAV	CIRCUIT	FUNCTION
1	C90 18LG/WT	A/C SELECT INPUT
2	C22 18DB	A/C SWITCH SENSE



A/C LOW PRESSURE SWITCH

A/C LOW PRESSURE SWITCH - 2 WAY

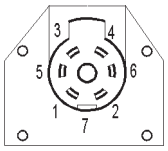
CAV	CIRCUIT	FUNCTION
1	C20 18BR	A/C SWITCH SENSE
2	C22 18DB	A/C SWITCH SENSE



ACCELERATOR PEDAL POSITION SENSOR (DIESEL)

ACCELERATOR PEDAL POSITION SENSOR (DIESEL) - 6 WAY

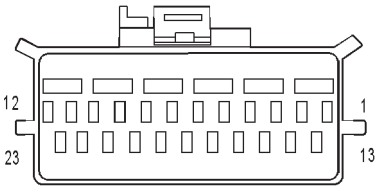
CAV	CIRCUIT	FUNCTION
1	K104 18BK/LB	SENSOR GROUND
2	H105 18LG/DB	IDLE VALIDATION SWITCH NO. 2
3	H102 18LB/BK	ACCELERATOR PEDAL POSITION SENSOR SIGNAL
4	H103 18BK/YL	ACCELERATOR PEDAL POSITION SENSOR GROUND
5	H101 18DB/WT	ACCELERATOR PEDAL POSITION SENSOR SUPPLY
6	H104 18BR/OR	IDLE VALIDATION SWITCH NO. 1



AFTERMARKET TRAILER TOW CONNECTOR

AFTERMARKET TRAILER TOW CONNECTOR - 7 WAY

CAV	CIRCUIT	FUNCTION
1	Z13 12BK	GROUND
2	B40 12LB	TRAILER TOW BRAKE B(+)
3	L76 12BK/OR	TRAILER TOW RELAY OUTPUT
4	A6 12RD/OR	FUSED B(+)
5	L63 16DG/RD	LEFT TURN SIGNAL
6	L62 16BR/RD	RIGHT TURN SIGNAL
7	L1 18VT/BK	BACK-UP LAMP FEED



AIRBAG CONTROL MODULE

AIRBAG CONTROL MODULE - 23 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	Z6 18BK/PK	GROUND
5	R43 18BK/LB	DRIVER AIRBAG LINE 2
6	R45 18DG/LB	DRIVER AIRBAG LINE 1
7	R142 18BR/YL	PASSENGER AIRBAG LINE 1
8	R144 18VT/YL	PASSENGER AIRBAG LINE 2
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
15	F23 18DB/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
16	-	-

AIRBAG CONTROL MODULE - 23 WAY

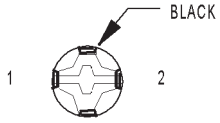
CAV	CIRCUIT	FUNCTION
17	-	-
18	-	-
19	-	-
20	-	-
21	D1 18VT/BR	CCD BUS (+)
22	D2 18WT/BK	CCD BUS (-)
23	-	-



AMBIENT TEMPERATURE SENSOR

AMBIENT TEMPERATURE SENSOR - 2 WAY

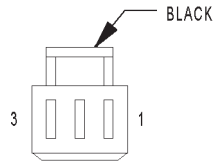
CAV	CIRCUIT	FUNCTION
1	G31 20VT/LG	AMBIENT TEMPERATURE SENSOR SIGNAL
2	G32 20BK/VT	SENSOR GROUND



ASH RECEIVER LAMP

ASH RECEIVER LAMP - BLACK 2 WAY

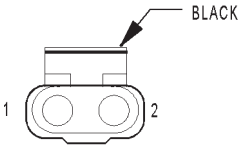
CAV	CIRCUIT	FUNCTION
1	E2 22OR	FUSED PANEL LAMPS DIMMER SWITCH SIGNAL
2	Z3 20BK/OR	GROUND



AUTOMATIC DAY/NIGHT MIRROR (HIGHLINE)

AUTOMATIC DAY/NIGHT MIRROR(HIGHLINE) - BLACK 3 WAY

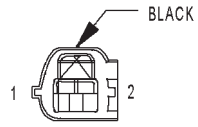
CAV	CIRCUIT	FUNCTION
1	F12 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z3 20BK	GROUND
3	L1 20VT/BK	BACK-UP LAMP FEED



BACK-UP LAMP SWITCH (M/T)

BACK-UP LAMP SWITCH (M/T) - BLACK 2 WAY

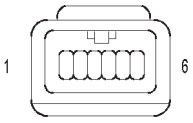
CAV	CIRCUIT	FUNCTION
1	L1 18VT/BK	BACK-UP LAMP FEED
2	L10 18BR/LG	FUSED IGNITION SWITCH OUTPUT (RUN)



BATTERY TEMPERATURE SENSOR

BATTERY TEMPERATURE SENSOR - BLACK 2 WAY

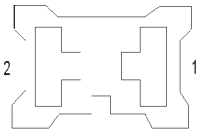
CAV	CIRCUIT	FUNCTION
1	K4 20BK/LB	SENSOR GROUND
2	K118 20PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL



BLEND DOOR ACTUATOR

BLEND DOOR ACTUATOR - 6 WAY

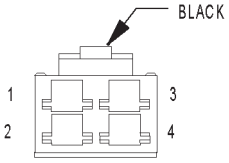
CAV	CIRCUIT	FUNCTION
1	F15 20DB	FUSED IGNITION SWITCH OUTPUT (RUN)
2	C82 20YL/OR	TEMPERATURE SELECT
3	Z2 20BK/LG	GROUND
4	-	-
5	-	-
6	-	-



BLOWER MOTOR

BLOWER MOTOR - 2 WAY

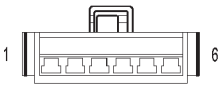
CAV	CIRCUIT	FUNCTION
1	C1 12DG	BLOWER MOTOR RELAY OUTPUT
2	C7 12BK/TN	HIGH SPEED BLOWER MOTOR CONTROL



BLOWER MOTOR RESISTOR BLOCK

BLOWER MOTOR RESISTOR BLOCK - BLACK 4 WAY

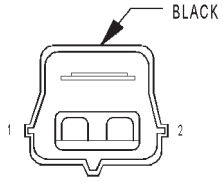
CAV	CIRCUIT	FUNCTION
1	C7 12BK/TN	HIGH SPEED BLOWER MOTOR CONTROL
2	C6 14LB	M2 SPEED BLOWER MOTOR CONTROL
3	C5 16LG	M1 SPEED BLOWER MOTOR CONTROL
4	C4 16TN	LOW SPEED BLOWER MOTOR CONTROL



BRAKE LAMP SWITCH

BRAKE LAMP SWITCH - 6 WAY

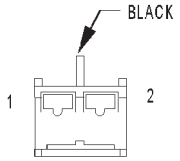
CAV	CIRCUIT	FUNCTION
1	F32 16PK/DB	FUSED B(+)
2	L50 16WT/TN	BRAKE LAMP SWITCH OUTPUT
3	V30 22DB/RD	SPEED CONTROL BRAKE SWITCH OUTPUT
4	V32 22YL/RD	SPEED CONTROL SUPPLY
5	Z2 22BK/LG	GROUND
6	V40 22WT/PK	BRAKE SWITCH SENSE



BRAKE PRESSURE SWITCH

BRAKE PRESSURE SWITCH - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	G9 20GY/BK	RED BRAKE WARNING INDICATOR DRIVER



BYPASS JUMPER (A/T)

BYPASS JUMPER (A/T) - GREEN 2 WAY

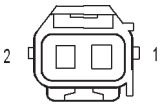
CAV	CIRCUIT	FUNCTION
1	T141 14YL/RD	FUSED IGNITION SWITCH OUTPUT (START)
2	T141 14YL/RD	FUSED IGNITION SWITCH OUTPUT (START)



C105

C105 - (FOG LAMP JUMPER SIDE)

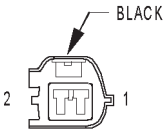
CAV	CIRCUIT
1	L34 20RD/OR
2	L39 20LB



C105

C105 - (HEADLAMP AND DASH SIDE)

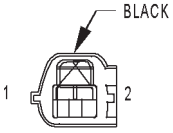
CAV	CIRCUIT
1	L34 20RD/OR
2	L39 20LB



C106

C106 - BLACK (4X4 INDICATOR SIDE)

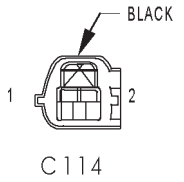
CAV	CIRCUIT
1	G107 18BK/GY
2	Z1 18BK



C106

C106 - BLACK (HEADLAMP AND DASH SIDE)

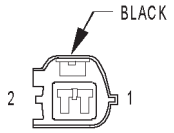
CAV	CIRCUIT
1	G107 20GY
2	Z1 20BK



C114

C114 - BLACK (AMBIENT TEMPERATURE SENSOR SIDE)

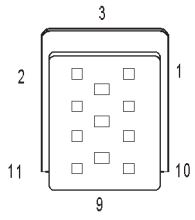
CAV	CIRCUIT
1	G31 20VT/LG
2	G32 20BK/VT



C114

C114 - BLACK (HEADLAMP AND DASH SIDE)

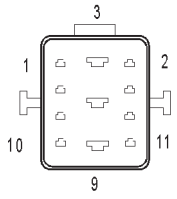
CAV	CIRCUIT
1	G31 20VT/LG
2	G32 20BK/VT



C125
(DIESEL)

C125 (DIESEL) - (ENGINE SIDE)

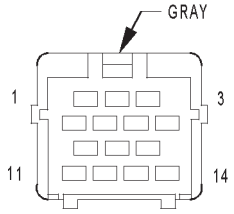
CAV	CIRCUIT
1	F18 18LG/BK
2	G113 18OR
3	A14 12RD/WT
4	C3 18DB/BK
5	C90 18LG/WT
6	K22 18OR/DB
7	A40 14RD/LG
8	K131 18BR/WT
9	A93 12RD/BK
10	K104 18BK/LB
11	G7 18WT/OR



C125
(DIESEL)

C125 (DIESEL) - (TRANSMISSION SIDE)

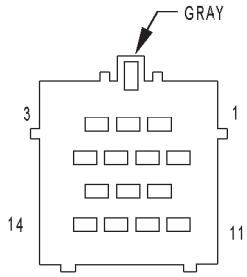
CAV	CIRCUIT
1	F18 18LG/BK
2	G113 18OR
3	A14 14RD/WT
4	C3 18DB/BK
5	C90 18LG/WT
6	K22 18OR/DB
7	A40 14RD/LG
8	K131 18BR/WT
9	A93 12RD/BK
10	K104 18BK/LB
11	G7 18WT/OR



C126
(DIESEL)

C126 (DIESEL) - GRAY (ENGINE SIDE)

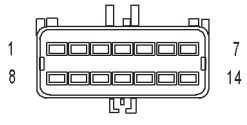
CAV	CIRCUIT
1	K20 18DG
2	V37 18RD/LG (M/T)
3	T125 18DB
4	D20 18DG
5	D21 18PK/DB
6	D1 18VT/BR
7	D2 18WT/BK
8	G85 18OR/BK
9	C22 18DB
10	K24 18GY/BK
11	V32 18YL/BK
12	Z12 18BK/TN
13	S21 18YL/BK
14	S22 18OR/BK



C126
(DIESEL)

C126 (DIESEL) - GRAY (TRANSMISSION SIDE)

CAV	CIRCUIT
1	K20 18DG
2	V37 18RD/LG (A/T)
2	Z12 18BK/TN (M/T)
3	T125 18DB
4	D20 18DG
5	D21 18PK/DB
6	D1 18VT/BR
7	D2 18WT/BK
8	G85 18OR/BK
9	C22 18DB
10	K24 18GY/BK
11	V40 18WT/PK
12	Z12 18BK/TN
13	S21 18YL/BK
14	S22 18OR/BK



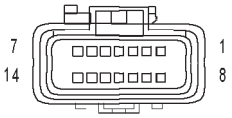
C129

C129 - (CHASSIS HARNESS SIDE)

CAV	CIRCUIT
1	B113 20RD/VT
2	B114 20WT/VT
3	Z13 12BK
4	B40 12LB
5	K4 20BK/LB
6	K226 20DB/WT
7	L7 16BK/YL
8	L50 18WT/TN
9	L76 12BK/OR
10	L63 16DG/RD

C129 - (CHASSIS HARNESS SIDE)

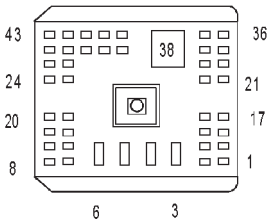
CAV	CIRCUIT
11	L1 18VT/BK
12	A6 12RD/OR
13	L62 16BR/RD
14	A61 16DG/BK



C129

C129 - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	B113 20RD/VT
2	B114 20WT/VT
3	Z13 12BK
4	B40 12LB
5	K4 20BK/LB
6	K226 20DB/WT
7	L7 16BK/YL
8	L50 18WT/TN
9	L76 12BK/RD
10	L63 16DG/RD
11	L1 18VT/BK
12	A6 12RD/OR
13	L62 16BR/RD
14	A61 16DG/BK (GAS)



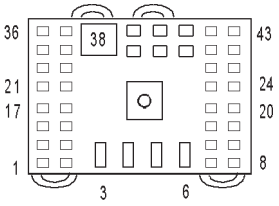
C130
(DIESEL)

C130 (DIESEL) - (TRANSMISSION SIDE)

CAV	CIRCUIT
1	V35 18LG/RD
2	V32 18YL/RD
3	A14 14RD/WT
4	A142 14DG/OR
5	A40 14RD/LG
6	A93 12RD/BK
7	K118 18PK/YL
8	L1 18VT/BK
9	K131 18BR/WT
10	G85 18OR/BK
11	V40 18WT/PK
12	L10 18BR/LG
13	D1 18VT/BR
14	K51 18DB/YL
15	C13 18DB/OR
16	D20 18DG
17	D2 18WT/BK
18	K4 20BK/LB (A/T)
18	K4 18BK/LB (M/T)
19	C90 18LG/WT
20	D21 18PK/DB
21	C3 18DB/BK
22	V37 18RD/LG

C130 (DIESEL) - (TRANSMISSION SIDE)

CAV	CIRCUIT
23	K226 18DB/WT
24	V36 18TN/RD
26	T41 20BK/WT (A/T)
26	Z12 18BK/TN (M/T)
27	-
28	F18 18LG/BK
29	K30 18PK (A/T)
30	K4 18BK/LB (A/T)
30	K104 18BK/LB (M/T)
31	T16 18RD
32	D220 18WT/VT
33	G7 18WT/OR(A/T)
34	T6 18OR/WT
35	T125 18DB
36	S21 18YL/BK
37	S22 18OR/BK
39	Z12 18BK/TN (M/T)
40	Z12 18BK/TN (A/T)
40	V30 20DB/RD (A/T)
41	V30 20DB/RD
42	-
43	Z12 18BK/TN



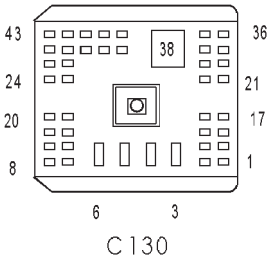
C130
(DIESEL)
(IN PDC)

C130 (DIESEL) (IN PDC) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	V35 20LG/RD
2	V32 20YL/RD
3	A14 16RD/WT
4	A142 14DG/OR
5	A40 14RD/LG
6	A93 12RD/BK
7	K118 20PK/YL
8	L1 18VT/BK
9	K131 20BR/WT
10	G85 22OR/BK
11	V40 22WT/PK
12	L10 18BR/LG
13	D1 20VT/BR
14	K51 20DB/YL
15	C13 22DB/OR
16	D20 20DG
17	D2 20WT/BK
18	K4 22BK/LB
19	C90 22LG/WT
20	D21 20PK/DB
21	C3 22DB/BK
22	V37 22RD/LG
23	K226 20DB/WT
24	V36 20TN/RD
26	T41 22BK/WT

C130 (DIESEL) (IN PDC) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
27	-
28	F18 20LG/BK
29	K30 22PK
30	A341 20DG/YL
31	T16 18RD
32	D220 20WT/VT
33	G7 20WT/OR
34	T6 22OR/WT
35	T125 18DB
36	S21 18YL/BK
37	S22 18OR/BK
39	Z12 18BK/TN
40	V30 20DB/RD
41	V30 20DB/RD
42	K52 18PK/WT
43	Z12 18BK/TN



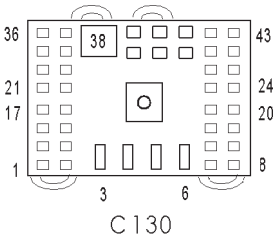
C130

C130 (GAS) - (ENGINE HARNESS SIDE)

CAV	CIRCUIT
1	V35 18LG/RD
2	V32 18YL/RD
3	A14 16RD/WT
4	A142 14DG/OR
5	-
6	-
7	K118 18PK/YL
8	L1 18VT/BK
9	-
10	-
11	V40 18WT/PK
12	L10 18BR/LG
12	L10 18BR/LG
13	D1 18VT/BR
14	K51 18DB/YL
15	C13 18DB/OR
16	D20 18DG
17	D2 18WT/BK
18	K4 20BK/LB
19	C90 18LG/WT
20	D21 18PK/DB
21	K106 18WT/DG
22	K107 18OR
23	-
24	Z12 18BK/TN
25	Y128 18DG/GY(8.0L)
26	K145 20DG/PK(CALIFORNIA)
27	K52 18PK/WT
28	A141 18DG/WT(EXCEPT CALIFORNIA)
29	K30 18PK(A/T
30	A341 18DG/YL(CALIFORNIA)

C130 (GAS) - (ENGINE HARNESS SIDE)

CAV	CIRCUIT
31	T16 18RD(A/T)
32	-
33	G7 18WT/OR
34	T6 18OR/WT(A/T)
35	T125 18DB(A/T)
36	Y193 18WT/LG
37	T41 20BK/WT
37	Z11 20BK/WT(M/T)
38	K31 18BR/WT
39	F18 18LG/BK
40	C3 18DB/BK
41	V37 18RD/LG
42	K226 18DB/WT(EXCEPT 8.0L,A/T)
43	V36 18TN/RD

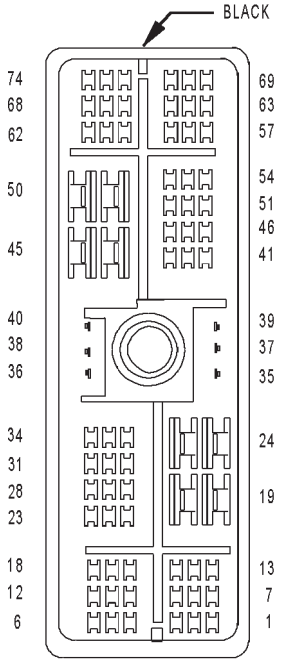


C130 (GAS) (IN PDC) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	V35 20LG/RD
2	V32 20YL/RD
3	A14 16RD/WT
4	A142 14DG/OR
5	-
6	-
7	K118 20PK/YL
8	L1 18VT/BK
9	-
10	-
11	V40 22WT/PK
12	L10 18BR/LG
12	L10 18BR/LG
13	D1 20VT/BR
14	K51 20DB/YL
15	C13 22DB/OR
16	D20 20DG
17	D2 20WT/BK
18	K4 22BK/LB
19	C90 22LG/WT
20	D21 20PK/DB
21	K106 18WT/DG
22	K107 18OR
23	-
24	Z12 18BK/TN
25	Y128 18DG/GY(8.0L)
26	K145 20DG/PK(CALIFORNIA)
27	K52 18PK/WT
28	A141 20DG/WT (EXCEPT CALIFORNIA)
29	K30 22PK (A/T)
30	A341 20DG/YL (CALIFORNIA)
31	T16 18RD
32	-

C130 (GAS) (IN PDC) - (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
33	G7 20WT/OR
34	T6 22OR/WT (A/T)
35	T125 18DB (A/T)
36	Y193 18WT/LG
37	T41 22BK/WT
38	K31 20BR/WT
39	F18 20LG/BK
40	C3 22DB/BK
41	V37 22RD/LG
42	K226 20DB/WT
43	V36 20TN/RD



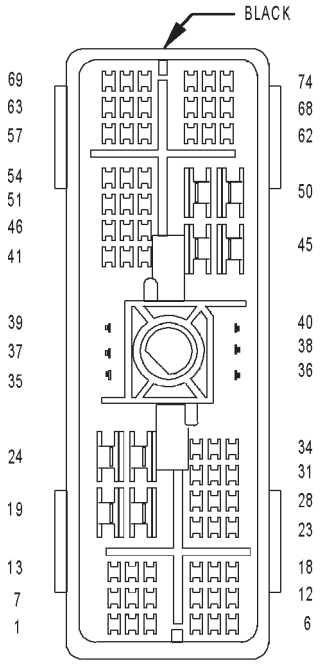
C134

C134 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	-
2	V10 16BR
3	G34 20RD/GY
3	G34 20RD/GY
4	-
5	Z3 18BK/OR
6	G29 18BK/WT
7	-
8	L10 18BR/LG
9	-
10	A2 14PK/BK
11	C1 12DG
12	-
13	A1 10RD
14	V5 16DG
15	V49 16RD/BK
16	L4 18 VT/WT
17	Z5 18BK/DB
18	Z9 16BK/WT(EXCEPT BASE/SLT)
19	-
20	F15 22DB
21	-
22	G11 20WT/LG
23	L35 20BR/YL
24	L39 20LB
25	X3 22BK/RD
26	V37 22RD/LG
27	K4 22BK/LB(GAS)
27	K104 18BK/LB(DIESEL)
28	T6 22OR/WT
29	-
30	-
31	-
32	D2 20WT/BK
33	D1 20VT/BR
34	L3 18RD/OR

C134 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
35	D1 20VT/BR
36	D2 20WT/BK
37	-
38	-
39	F12 20DB/WT
40	G107 20GY
41	-
42	L50 18WT/TN
42	L50 18WT/TN
43	G85 22OR/BK(DIESEL)
44	-
45	L63 16DG/RD
46	L62 16BR/RD
47	V40 22WT/PK
48	V32 20YL/RD
49	V30 20DB/RD
50	C90 22LG/WT
51	V18 22YL/DG
52	-
53	G50 22RD/DB
54	Z6 18BK/PK
55	-
56	A41 14YL
57	-
58	Z2 16 BK/LG
59	V3 16BR/WT
60	V4 16RD/YL
61	F33 16PK/RD
62	F32 16PK/DB
63	A12 16RD/TN
64	-
65	L7 18BK/YL
66	-
67	-
68	D220 20WT/VT(DIESEL)
69	D21 20PK/DB
70	Z12 18BK/TN
71	-
72	D20 20DG



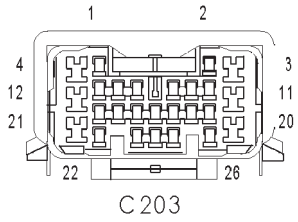
C134

C134 - BLACK (I/P HARNESS SIDE)

CAV	CIRCUIT
1	-
2	V10 16BR
3	G34 16RD/GY
4	-
5	Z3 18BK/OR
6	G29 22BK/WT
7	-
8	L10 18BR/LG
9	-
10	A2 14PK/BK
11	C1 12DG
12	-
13	A1 10RD
14	V5 16DG
15	V49 16RD/BK
16	L4 18VT/WT
17	Z5 18BK/DB
18	Z9 16BK/VT(EXCEPT LOWLINE & BASE)
19	-
20	F15 22DB
21	-
22	G11 22WT/LG
23	L35 22BR/YL(EXCEPT BASE)
24	L39 22LB
25	X3 20BK/RD
26	V37 22RD/LB
27	K4 22BK/LG
28	T6 22OR/WT
29	-
30	-
31	-
32	D2 20WT/BK
33	D1 20VT/BR
34	L3 14RD/OR
35	D1 20VT/BR
36	D2 20WT/BK
37	-
38	-
39	F12 22DB/WT
40	G107 22GY
41	-
42	L50 18WT/TN
43	G85 22OR/BK
44	-
45	L63 16DG/RD
46	L62 16BR/RD
47	V40 22WT/PK
48	V32 22YL/RD
49	V30 22DB/RD
50	C90 22LG/WT
51	V18 22YL/DG
52	-
53	G50 22RD/DB

C134 - BLACK (I/P HARNESS SIDE)

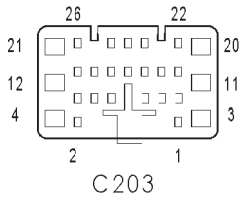
CAV	CIRCUIT
54	Z6 18BK/PK
55	-
56	A41 14YL
57	-
58	Z2 16BK/LG
59	V3 16BR/WT
60	V4 16RD/YL
61	F33 16PK/RD
62	F32 16PK/DB
63	A12 16RD/TN
64	-
65	L7 16BK/YL
66	-
67	-
68	D220 20WT/VT
69	D21 20PK/DB
70	Z12 18BK/TN
71	-
72	D20 20DG



C203

C 203 (BODY SIDE)

CAV	CIRCUIT
1	X57 18BR/LB
1	X57 18BR/LB
2	X58 18DB/OR
2	X58 18DB/OR
3	F37 16RD/LB
3	F37 16RD/LB(4 DOOR)
4	F21 14TN
5	M1 20PK
6	X51 18BR/YL
6	X51 18BR/YL
7	X52 18DB/WT
7	X52 18DB/WT
8	M2 20YL
9	G10 20LG/RD
9	G10 20LG/RD(4 DOOR)
10	M22 20WT
10	P30 22OR/DG
11	L50 18WT/TN
12	X13 16BK/RD
13	M3 20 PK/DB
14	C16 20LB/YL
15	G16 18BK/LB
16	P33 20OR/BK
17	G73 20LG/OR
18	G75 18TN
18	G75 18TN
19	F35 18RD
20	Z9 16BK/VT
21	X54 18VT



C 203 (BODY SIDE)

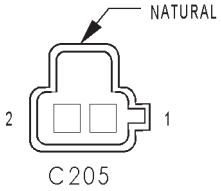
CAV	CIRCUIT
22	P34 20PK/BK
23	P31 22PK/DG
24	X55 18BR/RD
25	X53 18DG
26	X56 18DB/RD

C203 - (I/P HARNESS SIDE)

CAV	CIRCUIT
1	X57 18BR/LB
1	X57 18BR/LB
2	X58 18DB/OR
2	X58 18DB/OR
3	F37 16RD/LB
3	F37 16RD/LB
4	F21 14TN (POWER LOCK/WINDOW)
4	F21 14TN
5	M1 20PK
5	M1 22PK
6	X51 18BR/YL
6	X51 18BR/YL
7	X52 18DB/WT
7	X52 18DB/WT
8	M2 22YL
8	M2 20YL
9	G10 22LG/RD
9	G10 20LG/RD
10	M22 22WT (IEM)
10	P30 22OR/DG (CTM)
10	M22 20WT (IEM)
11	L50 18WT/TN
11	L50 18WT/TN
12	X13 16BK/RD (PREMIUM RADIO)
12	X13 16BK/RD (PREMIUM RADIO)
13	M3 20PK/DB
13	M3 22PK/DB
14	C16 22LB/YL
14	C16 20LB/YL
15	G16 18BK/LB (CTM)
15	G16 22BK/LB (EXCEPT MIDLINE/BASE)
16	P33 20OR/BK (POWER LOCK/WINDOW (CTM))
16	P33 22OR/BK (CTM)
17	G73 22LG/OR
17	G73 20LG/OR (CTM)
18	G75 22TN (EXCEPT MIDLINE/BASE)
18	G75 18TN
18	G75 22TN
19	F35 18RD
19	F35 18RD (POWER LOCK/WINDOW)
20	Z9 16BK/VT (EXCEPT BASE/LOWLINE (CTM))
20	Z9 16BK/VT (PREMIUM RADIO)

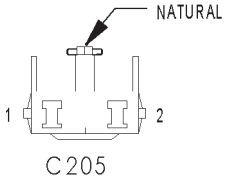
C203 - (I/P HARNESS SIDE)

CAV	CIRCUIT
21	X54 18VT
21	X54 18VT
22	P34 22PK/BK (CTM)
22	P34 20PK/BK (POWER LOCK/WINDOW (CTM))
23	P31 22PK/DG (CTM)
23	P31 22PK/DG (CTM)
24	X55 18BR/RD
24	X55 18BR/RD
25	X53 18DG
25	X53 18DG
26	X56 18DB/RD
26	X56 18DB/RD



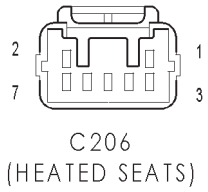
C205 - NATURAL (ASH RECEIVER LAMP SIDE)

CAV	CIRCUIT
1	E2 22OR
2	Z3 20BK/OR



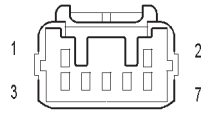
C205 - NATURAL (I/P SIDE)

CAV	CIRCUIT
1	E2 22OR
2	Z3 22BK/OR



C206 (HEATED SEATS) - (BODY SIDE)

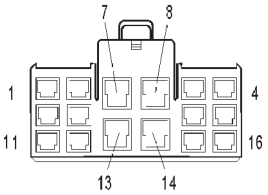
CAV	CIRCUIT
1	P137 20DG
2	P7 20LB/BK
3	P140 20VT/BK
4	P138 20VT/LG
5	P139 20WT
6	F235 16RD
7	P8 20LB/WT



C206
(HEATED SEATS)

C206 (HEATED SEATS) - (I/P SIDE)

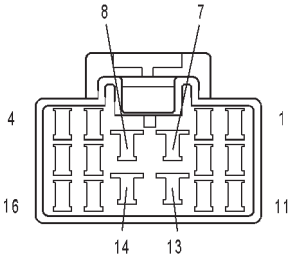
CAV	CIRCUIT
1	P137 20DG
2	P7 20LB/BK
3	P140 20VT/BK
4	P138 20VT/LG
5	P139 20WT
6	F235 16RD
7	P8 20LB/WT



C237

C237 - (I/P SIDE)

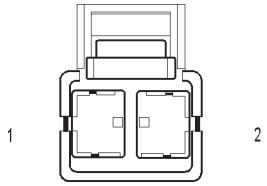
CAV	CIRCUIT
1	C5 16LG
2	Z2 22BK/LG
3	-
4	-
5	-
6	C82 22YL/OR
7	-
8	C7 12BK/TN
9	-
10	-
11	C4 16TN
12	F15 22DB
13	-
14	C6 14LB



C237

C237 - (RESISTOR BLOCK SIDE)

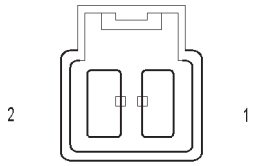
CAV	CIRCUIT
1	C5 16LG
2	Z2 20BK/LG
3	-
4	-
5	-
6	C82 20YL/OR
7	-
8	C7 12BK/TN
9	-
10	-
11	C4 16TN
12	F15 20DB
13	-
14	C6 14LB



C303

C303 - (BODY HARNESS SIDE)

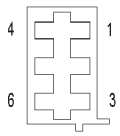
CAV	CIRCUIT
1	Z2 16BK/LG
2	F37 16RD/LB



C303

C303 - (POWER SEAT HARNESS SIDE)

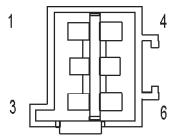
CAV	CIRCUIT
1	Z3 14BK/OR
2	F37 14RD/LB



C308

C308 - (BODY HARNESS SIDE)

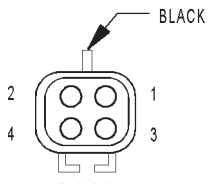
CAV	CIRCUIT
1	L50 18WT/TN
2	Z2 20BK/LG
3	M1 20PK
4	M3 20PK/DB
5	-
6	-



C308

C308 - (CHMSL HARNESS SIDE)

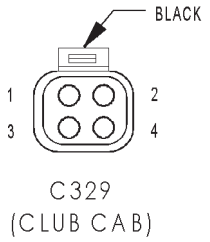
CAV	CIRCUIT
1	L50 18WT/TN
1	L50 18WT/TN
2	Z3 18BK/OR
2	Z3 18BK/OR
3	M1 18PK
3	M1 18PK
4	M3 18PK/DB
4	M3 18PK/DB
5	-
6	-



C329
(CLUB CAB)

C329 (CLUB CAB) - BLACK (CHASSIS HARNESS SIDE)

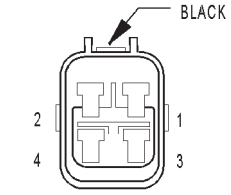
CAV	CIRCUIT
1	L7 18BK/YL
2	Z13 16BK
3	L62 18DG/BR
4	L1 18VT/BK



C329
(CLUB CAB)

C329 (CLUB CAB) - BLACK (RIGHT BACK-UP LAMP SIDE)

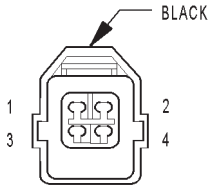
CAV	CIRCUIT
1	L7 16BK/YL
2	Z13 16BK
3	L62 16BR/RD
4	L1 18VT/BK



C329
(STANDARD CAB)

C329 (STANDARD CAB) - BLACK (CHASSIS SIDE)

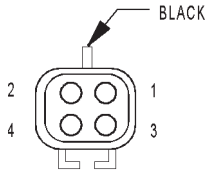
CAV	CIRCUIT
1	L7 16BK/YL
2	Z13 16BK
3	L62 16BR/RD
4	L1 18VT/BK



C329
(STANDARD CAB)

C329 (STANDARD CAB) - BLACK (TAIL LAMP SIDE)

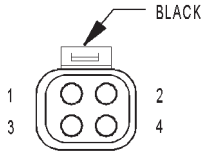
CAV	CIRCUIT
1	L7 18BK/YL
2	Z13 16BK
3	L62 18DG/BR
4	L1 18VT/BK



C333
(CLUB CAB)

C333 (CLUB CAB) - BLACK (CHASSIS HARNESS SIDE)

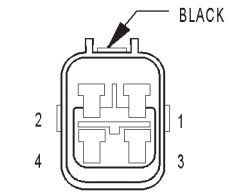
CAV	CIRCUIT
1	L7 18BK/YL
2	Z13 16BK
3	L63 18DG/RD
4	L1 18VT/BK



C333
(CLUB CAB)

C333 (CLUB CAB) - BLACK (LEFT BACK-UP LAMP SIDE)

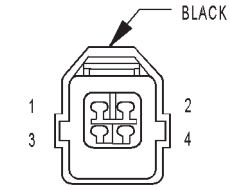
CAV	CIRCUIT
1	L7 16BK/YL
2	Z13 16BK
3	L63 16BR/RD
4	L1 18VT/BK



C333
(STANDARD CAB)

C333 (STANDARD CAB) - BLACK (CHASSIS SIDE)

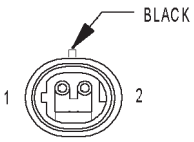
CAV	CIRCUIT
1	L7 16BK/YL
2	Z13 16BK
3	L63 16DG/BR
4	L1 18VT/BK



C333
(STANDARD CAB)

C333 (STANDARD CAB) - BLACK (TAIL LAMP SIDE)

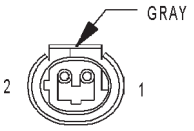
CAV	CIRCUIT
1	L7 18BK/YL
2	Z13 16BK
3	L63 18DG/BR
4	L1 18VT/BK



C342

C342 - BLACK (CHASSIS HARNESS SIDE)

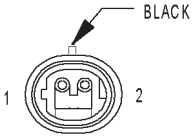
CAV	CIRCUIT
1	Z13 18BK
2	L7 16BK/YL



C342

C342 - GRAY (VALANCE LICENSE LAMP JUMPER SIDE)

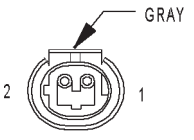
CAV	CIRCUIT
1	Z13 18BK
2	L7 18BK/YL



C343

C343 - BLACK (LICENSE LAMP SIDE)

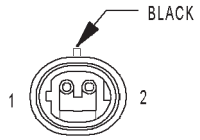
CAV	CIRCUIT
1	Z13 18BK
2	L7 16BK/YL



C343

C343 - GRAY (FENDER LAMP SIDE)

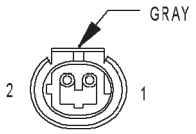
CAV	CIRCUIT
1	Z13 18BK
2	L7 18BK/YL



C344
(DUAL REAR WHEELS)

C344 (DUAL REAR WHEELS) - BLACK (FENDER LAMPS SIDE)

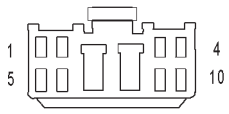
CAV	CIRCUIT
1	Z13 18BK
2	L7 18BK/YL



C344
(DUAL REAR WHEELS)

C344 (STANDARD CAB) - GRAY (LICENSE LAMP SIDE)

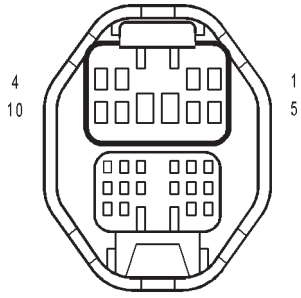
CAV	CIRCUIT
1	Z13 18BK
2	L7 18BK/YL



C345

C345 - (BODY HARNESS SIDE)

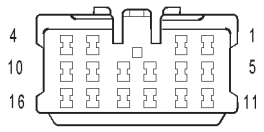
CAV	CIRCUIT
1	C16 20LB/YL
2	P70 22WT
3	P72 22YL/BK
4	X54 18VT
5	X56 18DB/RD
6	P74 22DB
7	F21 14TN (POWER LOCKS/ WINDOWS)
8	Z2 14BK/LG
9	Z9 16BK/VT (PREMIUM RADIO)
10	P34 18PK/BK (IEM, POWER LOCKS/ WINDOWS)
10	P31 22PK/DG (CTM)



C345

C345 - (RIGHT DOOR HARNESS SIDE)

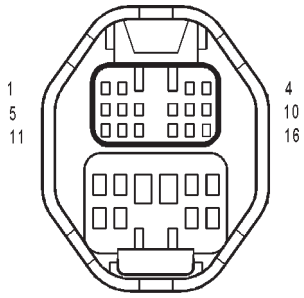
CAV	CIRCUIT
1	C16 20LB/YL (SLT)
2	P70 20WT (SLT)
3	P72 20YL/BK (SLT)
4	X54 20VT (STANDARD RADIO)
4	X54 18VT (PREMIUM RADIO)
5	X56 20DB/RD (STANDARD RADIO)
5	X56 18DB/RD (PREMIUM RADIO)
6	P74 20DB (SLT)
7	F21 14TN (SLT)
8	Z2 20BK/LG (MIDLINE)
8	Z2 14BK/LG (SLT)
9	Z9 16BK/VT (PREMIUM RADIO)
10	P31 18PK/DG (POWER LOCKS/WIN-DOWS)



C346

C346 - (BODY HARNESS SIDE)

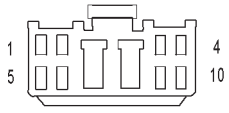
CAV	CIRCUIT
1	P33 18OR/BK (POWER LOCKS/WINDOWS)
2	Q26 14VT/WT
3	Q16 14BR/WT
4	F35 18RD (POWER LOCKS/WINDOWS)
5	P34 18PK/BK (POWER LOCKS/WINDOWS)
6	P33 18OR/BK (IEM, POWER LOCKS/WINDOWS)
6	P30 22OR/DG (CTM)
7	G73 20LG/OR (CTM)
8	P36 18PK/VT
9	P35 18OR/VT
10	X82 20LB/RD
11	X94 18TN/VT (PREMIUM RADIO)
12	X92 18TN/BK (PREMIUM RADIO)
13	X58 18DB/OR (PREMIUM RADIO)
14	X52 18DB/WT (PREMIUM RADIO)
15	X80 20LB/BK
16	X13 16BK/RD (PREMIUM RADIO)



C346

C346 - (RIGHT DOOR HARNESS SIDE)

CAV	CIRCUIT
1	P33 18OR/BK
2	Q26 14VT/WT
3	Q16 14BR/WT
4	F35 18RD
5	P34 18PK/BK
6	P30 18OR/DG
7	G73 20LG/OR
8	P36 18PK/VT
9	P35 18OR/VT
10	X82 20LB/RD
11	X94 18TN/VT (PREMIUM RADIO)
12	X92 18TN/BK (PREMIUM RADIO)
13	X58 18DB/OR (PREMIUM RADIO)
14	X52 18DB/WT (PREMIUM RADIO)
15	X80 20LB/BK
16	X13 16BK/RD (PREMIUM RADIO)



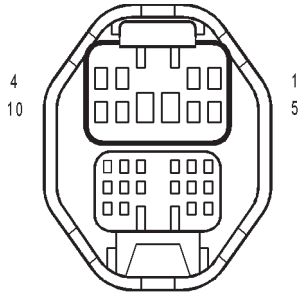
C347

C347 - (BODY HARNESS SIDE)

CAV	CIRCUIT
1	C16 20LB/YL
2	P70 22WT
3	P72 22YL/BK
4	X53 18DG

C347 - (BODY HARNESS SIDE)

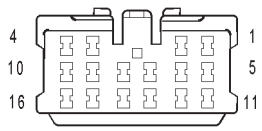
CAV	CIRCUIT
5	X55 18BR/RD
6	P74 22DB
7	F21 14TN (POWER LOCKS/WINDOWS)
8	Z2 14BK/LG
9	M1 20PK
10	Z9 16BK/VT (PREMIUM RADIO)



C347

C347 - (LEFT DOOR HARNESS SIDE)

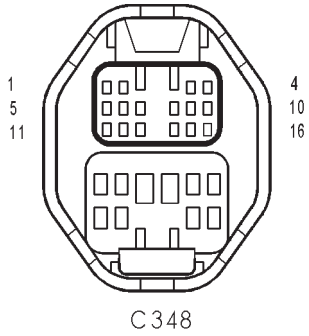
CAV	CIRCUIT
1	C16 20LB/YL
2	P70 22WT
3	P72 22YL/BK
4	X53 20DG (STANDARD RADIO)
4	X53 18DG (PREMIUM RADIO)
5	X55 20BR/RD (STANDARD RADIO)
5	X55 18BR/RD (PREMIUM RADIO)
6	P74 22DB
7	F21 14TN (EXCEPT BASE)
8	Z2 14BK/LG (EXCEPT BASE)
9	M1 22PK
10	Z9 16BK/VT (PREMIUM RADIO)



C348

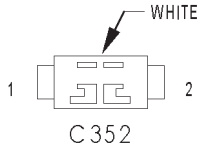
C348 - (BODY HARNESS SIDE)

CAV	CIRCUIT
1	P33 20OR/BK (POWER LOCKS/WINDOWS)
2	Q26 14VT/WT
3	Q16 14BR/WT
4	F35 20RD (POWER LOCKS/WINDOWS)
5	P34 20PK/BK (POWER LOCKS/WINDOWS)
6	Z2 18BK/LG (IEM)
7	G73 20LG/OR (CTM)
8	P36 18PK/VT
9	P35 18OR/VT
10	X83 20YL/RD
11	X93 18WT/VT (PREMIUM RADIO)
12	X91 18WT/DG (PREMIUM RADIO)
13	X57 18BR/LB (PREMIUM RADIO)
14	X51 18BR/YL (PREMIUM RADIO)
15	X81 20YL/BK
16	X13 16BK/RD (PREMIUM RADIO)



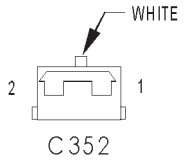
C348 - (LEFT DOOR HARNESS SIDE)

CAV	CIRCUIT
1	P33 20OR/BK
2	Q26 14VT/WT
3	Q16 14BR/WT
4	F35 18RD
5	P34 20PK/BK
6	Z2 18BK/LG (EXCEPT BASE)
7	G73 20LG/OR
8	P36 18PK/VT
9	P35 18OR/VT
10	X83 20YL/RD
11	X93 18WT/VT (PREMIUM RADIO)
12	X91 18WT/DG (PREMIUM RADIO)
13	X57 18BR/LB (PREMIUM RADIO)
14	X51 18BR/YL (PREMIUM RADIO)
15	X81 20YL/BK
16	X13 16BK/RD (PREMIUM RADIO)



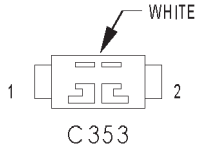
C352 - WHITE (OVERHEAD CONSOLE SIDE)

CAV	CIRCUIT
1	M1 20PK
2	Z3 20BK



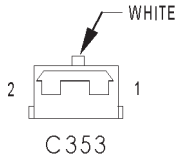
C352 - WHITE (VISOR MIRROR SIDE)

CAV	CIRCUIT
1	M1 20PK
2	Z4 20BK



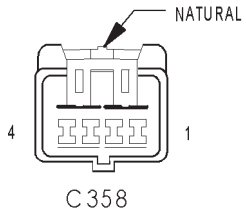
C353 - WHITE (OVERHEAD CONSOLE SIDE)

CAV	CIRCUIT
1	M1 20PK
2	Z3 20BK



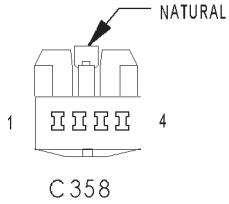
C353 - WHITE (VISOR MIRROR SIDE)

CAV	CIRCUIT
1	M1 20PK
2	Z4 20BK



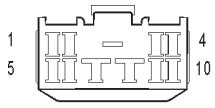
C358 - NATURAL (I/P HARNESS SIDE)

CAV	CIRCUIT
1	D2 20WT/BK
2	D1 20VT/BR
3	-
4	G69 22BK



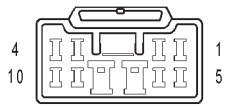
C358 - NATURAL (OVERHEAD CONSOLE SIDE)

CAV	CIRCUIT
1	D2 20WT/BK
2	D1 20VT/BR
2	-
4	G69 22BK



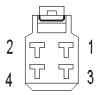
C359 (HEATED SEAT) - (BODY SIDE)

CAV	CIRCUIT
1	P7 20LB/BK
2	P137 20DG
3	P8 20LB/WT
4	F235 16RD
5	P139 20WT
6	P138 20VT/LG
7	Z2 16BK/LG
8	F37 16RD/LB
9	G10 20LG/RD
10	P140 20VT/BK



C359 (HEATED SEAT) - (POWER SEAT SIDE)

CAV	CIRCUIT
1	P7 20LB/BK
2	P137 20DG
3	P8 20LB/WT
4	F235 16RD
5	P139 20WT
6	P138 20VT/LG
7	Z2 16BK/LG
8	F37 16RD/LB
9	G10 22LG/RD
10	P140 20VT/BK



C360
(CLUB CAB)

C360 (CLUB CAB) - (BODY HARNESS SIDE)

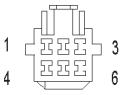
CAV	CIRCUIT
1	Z2 16BK/LG
2	F37 16RD/LB (POWER SEAT)
3	G10 20LG/RD
4	-



C360
(CLUB CAB)

C360 (CLUB CAB) - (HEATED SEAT HARNESS SIDE)

CAV	CIRCUIT
1	Z2 16BK/LG (POWER SEAT)
1	Z2 20BK/LG (MANUAL SEAT)
2	F37 16RD/LB (POWER SEAT)
3	G10 20LG/RD (NON-HEATED SEAT)
4	-



C361

C361 - (BODY HARNESS SIDE)

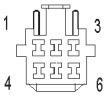
CAV	CIRCUIT
1	-
2	X91 18WT/DG (PREMIUM RADIO)
2	X57 18BR/LB (STANDARD RADIO)
3	X93 18WT/VT (PREMIUM RADIO)
3	X51 18BR/YL (STANDARD RADIO)
4	-
5	-
6	-



C361

C361 - (REAR DOOR HARNESS SIDE)

CAV	CIRCUIT
1	-
2	X57 18BR/LB
3	X51 18BR/YL
4	-
5	-
6	-



C364

C364 - (BODY HARNESS SIDE)

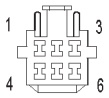
CAV	CIRCUIT
1	-
2	X92 18TN/BK (PREMIUM RADIO)
2	X58 18DB/OR (STANDARD RADIO)
3	X94 18TN/VT (PREMIUM RADIO)
3	X52 18DB/WT (STANDARD RADIO)
4	-
5	-
6	-



C364

C364 - (RIGHT REAR DOOR HARNESS SIDE)

CAV	CIRCUIT
1	-
2	X58 18DB/OR
3	X52 18DB/WT
4	-
5	-
6	-



C365
(HEATED SEAT)

C365 (HEATED SEAT) - (DRIVER SEAT SIDE)

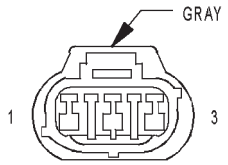
CAV	CIRCUIT
1	Z2 16BK/LG
2	P130 16TN
3	F37 16RD/LB
4	P142 22DB
5	P144 20BK/WT
6	-



C365
(HEATED SEAT)

C365 (HEATED SEAT) - (PASSENGER SEAT SIDE)

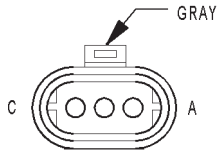
CAV	CIRCUIT
1	Z2 16BK/LG
2	P130 16TN
3	F37 16RD/LB
4	P142 20DB
5	P144 20BK/WT
6	-



CAMSHAFT POSITION SENSOR (8.0L GAS)

CAMSHAFT POSITION SENSOR (8.0L GAS) - GRAY 3 WAY

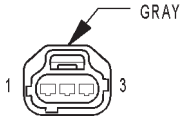
CAV	CIRCUIT	FUNCTION
1	K44 18TN/YL	CAMSHAFT POSITION SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND
3	K6 20VT/WT	5V SUPPLY



CRANKSHAFT POSITION SENSOR (DIESEL)

CRANKSHAFT POSITION SENSOR (DIESEL) - GRAY 3 WAY

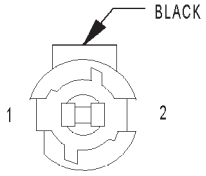
CAV	CIRCUIT	FUNCTION
A	K6 18VT/WT	5V SUPPLY
B	K14 18BK/DB	SENSOR GROUND
C	K124 18GY	CAMSHAFT POSITION SENSOR SIGNAL



CAMSHAFT POSITION SENSOR (GAS EXCEPT 8.0L)

CAMSHAFT POSITION SENSOR (GAS EXCEPT 8.0L) - GRAY 3 WAY

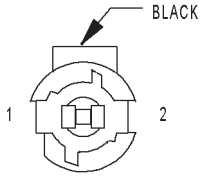
CAV	CIRCUIT	FUNCTION
1	K44 18TN/YL	CAMSHAFT POSITION SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND
3	K6 20VT/WT	5V SUPPLY



CARGO LAMP NO. 1

CARGO LAMP NO. 1 - BLACK 2 WAY

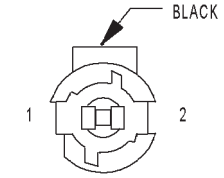
CAV	CIRCUIT	FUNCTION
1	M1 18PK	FUSED B(+)
2	M3 18PK/DB	CARGO LAMP DRIVER



CARGO LAMP NO. 2

CARGO LAMP NO. 2 - BLACK 2 WAY

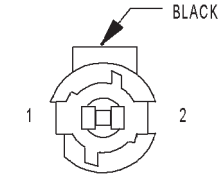
CAV	CIRCUIT	FUNCTION
1	M1 18PK	FUSED B(+)
2	M3 18PK/DB	CARGO LAMP DRIVER



CENTER HIGH MOUNTED STOP LAMP NO. 1

CENTER HIGH MOUNTED STOP LAMP NO. 1 - BLACK 2 WAY

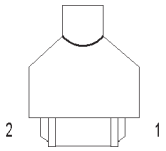
CAV	CIRCUIT	FUNCTION
1	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
2	Z3 18BK/OR	GROUND



CENTER HIGH MOUNTED STOP LAMP NO. 2

CENTER HIGH MOUNTED STOP LAMP NO. 2 - BLACK 2 WAY

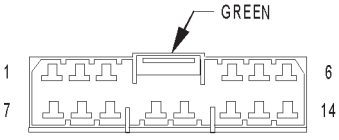
CAV	CIRCUIT	FUNCTION
1	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
2	Z3 18BK/OR	GROUND



CENTER IDENTIFICATION LAMP

CENTER IDENTIFICATION LAMP - 2 WAY

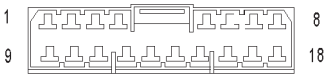
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z4 18BK	GROUND



CENTRAL TIMER MODULE C1

CENTRAL TIMER MODULE C1 - GREEN 14 WAY

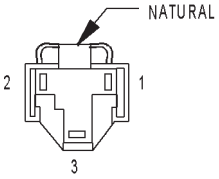
CAV	CIRCUIT	FUNCTION
1	G75 22TN	DRIVER DOOR AJAR SWITCH SENSE
2	G13 22DB/RD	CHIME REQUEST SIGNAL
3	V8 16VT	WIPER SWITCH MODE SENSE
4	V18 22YL/DG	WIPER MOTOR RELAY CONTROL
5	G16 22BK/LB	PASSENGER DOOR AJAR SWITCH SENSE
6	Z2 22BK/LG	GROUND
7	-	-
8	F12 22DB/WT (BASE/MIDLINE)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	V6 16DB (CTM)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
9	G26 22LB	KEY-IN IGNITION SWITCH SENSE
10	V10 16BR	WASHER SWITCH SENSE
11	V5 16DG	WIPER PARK SWITCH SENSE
12	V9 16WT/DB	WIPER SWITCH MODE SIGNAL
13	-	-
14	F35 22RD	FUSED B(+)



CENTRAL TIMER MODULE C2

CENTRAL TIMER MODULE C2 - 18 WAY

CAV	CIRCUIT	FUNCTION
1	P33 22OR/BK	DOOR LOCK DRIVER
2	M11 22PK/LB	COURTESY LAMP SWITCH OUTPUT
3	Z3 18BK/OR	GROUND
4	P30 22OR/DG	PASSENGER DOOR LOCK SWITCH OUTPUT
5	F12 22DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
6	G50 22RD/DB	SECURITY RELAY CONTROL
7	P132 16OR/BK	HEATED SEAT RELAY CONTROL
8	G69 22BK	VTSS INDICATOR DRIVER
9	P34 22PK/BK	DOOR UNLOCK DRIVER
10	G73 22LG/OR	CYLINDER LOCK SWITCH MUX
11	M22 22WT	DOME LAMP SWITCH SENSE
12	-	-
13	P31 22PK/DG	PASSENGER DOOR UNLOCK SWITCH OUTPUT
14	X20 22RD/BK	RADIO CONTROL MUX
15	-	-
16	D1 20VT/BR	CCD BUS (+)
17	D2 20WT/BK	CCD BUS (-)
18	X3 20BK/RD	HORN RELAY CONTROL



CIGAR LIGHTER

CIGAR LIGHTER - NATURAL 3 WAY

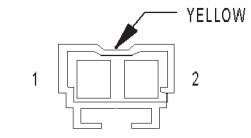
CAV	CIRCUIT	FUNCTION
1	F30 18RD/OR	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	Z3 18BK/OR	GROUND



CLOCKSPRING C1

CLOCKSPRING C1 - 5 WAY

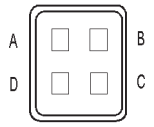
CAV	CIRCUIT	FUNCTION
1	V37 22RD/LG	SPEED CONTROL SWITCH SIGNAL
2	Z9 20BK/VT (HIGHLINE (REMOTE RADIO))	GROUND
3	K4 22BK/LB	SENSOR GROUND
4	X20 22RD/BK (EXCEPT BASE))	RADIO CONTROL MUX
5	X3 20BK/RD	HORN RELAY CONTROL



CLOCKSPRING C2

CLOCKSPRING C2 - YELLOW 2 WAY

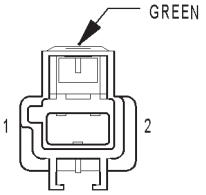
CAV	CIRCUIT	FUNCTION
1	R43 18BK/LB	DRIVER AIRBAG LINE 2
2	R45 18DG/LB	DRIVER AIRBAG LINE 1



CLOCKSPRING C3

CLOCKSPRING C3 - 4 WAY

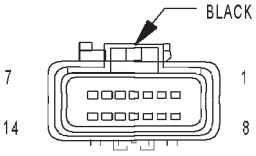
CAV	CIRCUIT	FUNCTION
A	V37 22DG/RD	SPEED CONTROL SWITCH SIGNAL
B	Z2 22BK/LG	GROUND
D	X20 22RD/BK	RADIO CONTROL MUX
C	K4 22WT	SENSOR GROUND



CLUTCH PEDAL POSITION SWITCH (M/T)

CLUTCH PEDAL POSITION SWITCH (M/T) - BLACK 2 WAY

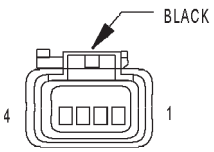
CAV	CIRCUIT	FUNCTION
1	A41 14YL	FUSED IGNITION SWITCH OUTPUT (START)
2	T141 14YL/RD	CLUTCH PEDAL POSITION SWITCH OUTPUT



CONTROLLER ANTILOCK BRAKE C1

CONTROLLER ANTILOCK BRAKE C1 - BLACK 14 WAY

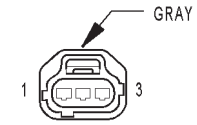
CAV	CIRCUIT	FUNCTION
1	B113 20RD/VT	REAR WHEEL SPEED SENSOR (+)
2	G107 20GY	4WD SWITCH SENSE
3	D1 20VT/BR	CCD BUS (+)
4	A20 20RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
5	-	-
6	Z8 14BK/VT	GROUND
7	A10 14RD/DG	FUSED B(+)
8	B114 20WT/VT	REAR WHEEL SPEED SENSOR (-)
9	V40 20WT/PK	BRAKE SWITCH SENSE
10	D2 20WT/BK	CCD BUS (-)
11	G9 20GY/BK	BRAKE PRESSURE SWITCH SENSE
12	G7 20WT/OR	VEHICLE SPEED SENSOR SIGNAL
13	Z8 14BK/VT	GROUND
14	A10 14RD/DG	FUSED B(+)



CONTROLLER ANTILOCK BRAKE C2 (ABS)

CONTROLLER ANTILOCK BRAKE C2 (ABS) - BLACK 4 WAY

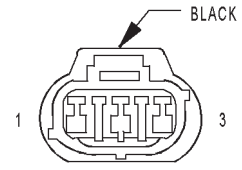
CAV	CIRCUIT	FUNCTION
1	B9 20RD	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B8 20RD/GY	LEFT FRONT WHEEL SPEED SENSOR (-)
3	B6 20WT/DB	RIGHT FRONT WHEEL SPEED SENSOR (-)
4	B7 20WT	RIGHT FRONT WHEEL SPEED SENSOR (+)



CRANKSHAFT POSITION SENSOR (GAS 8.0L)

CRANKSHAFT POSITION SENSOR (GAS 8.0L) - GRAY 3 WAY

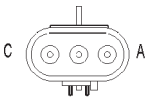
CAV	CIRCUIT	FUNCTION
1	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND
3	K6 20VT/WT	5V SUPPLY



CRANKSHAFT POSITION SENSOR (GAS EXCEPT 8.0L)

CRANKSHAFT POSITION SENSOR (GAS EXCEPT 8.0L) - BLACK 3 WAY

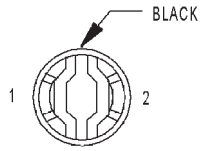
CAV	CIRCUIT	FUNCTION
1	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
2	K4 20BK/LB	SENSOR GROUND
3	K6 20VT/WT	5V SUPPLY



CUMMINS BUS (DIESEL)

CUMMINS BUS (DIESEL) - 3 WAY

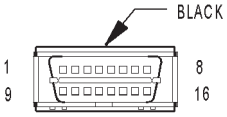
CAV	CIRCUIT	FUNCTION
A	K244 20YL/DB	CUMMINS BUS (+)
B	K246 20YL/DG	CUMMINS BUS (-)
C	Z11 14BK/WT	GROUND



CUP HOLDER LAMP

CUP HOLDER LAMP - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	E2 22OR	PANEL LAMPS FEED
2	Z3 22BK/OR	GROUND



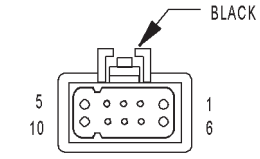
DATA LINK CONNECTOR

DATA LINK CONNECTOR - BLACK 16 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D1 18VT/BR	CCD BUS (+)
4	Z2 20BK/LG	GROUND
5	Z12 18BK/TN	GROUND
6	D20 20DG	SCI RECEIVE
7	D21 20PK/DB	SCI TRANSMIT
8	-	-
9	-	-
10	-	-
11	D2 18WT/BK	CCD BUS (-)
12	-	-
13	-	-

DATA LINK CONNECTOR - BLACK 16 WAY

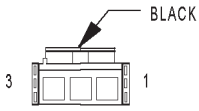
CAV	CIRCUIT	FUNCTION
14	D220 20WT/VT (DIESEL)	SCI RECEIVE (PCM/DSL)
15	-	-
16	M1 20PK	FUSED B(+)



DAYTIME RUNNING LAMP MODULE

DAYTIME RUNNING LAMP MODULE - BLACK 10 WAY

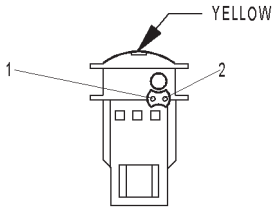
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L10 18BR/LG	FUSED IGNITION SWITCH OUTPUT (RUN)
3	G34 20RD/GY	HIGH BEAM INDICATOR DRIVER
4	G11 20WT/LG	PARK BRAKE SWITCH SENSE
5	-	-
6	L3 18RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
7	Z1 18BK	GROUND
8	L34 20RD/OR	FUSED B(+)
9	L139 20VT	FOG LAMP RELAY CONTROL
10	L4 18VT/WT	DIMMER SWITCH LOW BEAM OUTPUT



DOME LAMP

DOME LAMP - BLACK 3 WAY

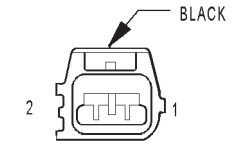
CAV	CIRCUIT	FUNCTION
1	-	-
2	M2 20YL	COURTESY LAMP DRIVER
3	M1 20PK	FUSED B(+)



DRIVER AIRBAG

DRIVER AIRBAG - YELLOW 2 WAY

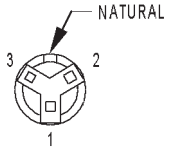
CAV	CIRCUIT	FUNCTION
1	R45 BK	DRIVER AIRBAG LINE 1
2	R43 BK	DRIVER AIRBAG LINE 2



DRIVER CYLINDER LOCK SWITCH

DRIVER CYLINDER LOCK SWITCH - BLACK 2 WAY

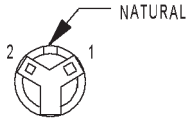
CAV	CIRCUIT	FUNCTION
1	Z2 20BK/LG	GROUND
2	G73 20LG/OR	CYLINDER LOCK SWITCH MUX



DRIVER DOOR AJAR SWITCH (BASE)

DRIVER DOOR AJAR SWITCH (BASE) - NATURAL 3 WAY

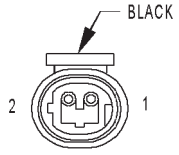
CAV	CIRCUIT	FUNCTION
1	Z2 18BK/LG	GROUND
2	G75 18TN	DRIVER DOOR AJAR SWITCH SENSE
3	M22 18WT	DOME LAMP SWITCH SENSE



DRIVER DOOR AJAR SWITCH (PREMIUM)

DRIVER DOOR AJAR SWITCH (PREMIUM) - NATURAL 2 WAY

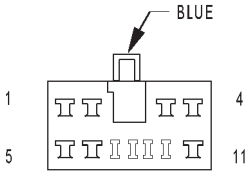
CAV	CIRCUIT	FUNCTION
1	Z2 18BK/LG	GROUND
2	G75 18TN	DRIVER DOOR AJAR SWITCH SENSE



DRIVER DOOR LOCK MOTOR

DRIVER DOOR LOCK MOTOR - BLACK 2 WAY

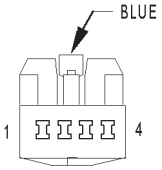
CAV	CIRCUIT	FUNCTION
1	P34 20PK/BK	DOOR UNLOCK DRIVER
2	P33 20OR/BK	DOOR LOCK DRIVER



DRIVER DOOR WINDOW/LOCK SWITCH

DRIVER DOOR WINDOW/LOCK SWITCH - BLUE 11 WAY

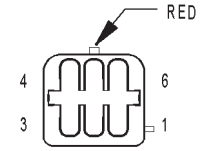
CAV	CIRCUIT	FUNCTION
1	Q16 14BR/WT	MASTER WINDOW SWITCH RIGHT FRONT UP
2	Q26 14VT/WT	MASTER WINDOW SWITCH RIGHT FRONT DOWN
3	Z2 14BK/LG	GROUND
4	Q21 16WT	LEFT FRONT WINDOW DRIVER (DOWN)
5	F21 14TN	FUSED IGNITION SWITCH OUTPUT (RUN)
6	Q11 16LB	LEFT FRONT WINDOW DRIVER (UP)
7	P36 18PK/VT	DRIVER DOOR UNLOCK SWITCH OUTPUT
8	P35 18OR/VT	DRIVER DOOR LOCK SWITCH OUTPUT
9	Z2 18BK/LG	GROUND
10	F35 18RD	FUSED B(+)
11	-	-



DRIVER HEATED SEAT CUSHION

DRIVER HEATED SEAT CUSHION - BLUE 4 WAY

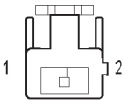
CAV	CIRCUIT	FUNCTION
1	P131 16RD/DG	LEFT SEAT HEATER B(+) DRIVER
2	Z2 18BK/LG	GROUND
3	P144 20BK/WT	SEAT TEMPERATURE 5V SUPPLY
4	P141 20TN/LB	LEFT SEAT TEMPERATURE SENSOR INPUT



DRIVER HEATED SEAT SWITCH

DRIVER HEATED SEAT SWITCH - RED 6 WAY

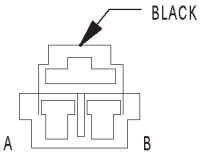
CAV	CIRCUIT	FUNCTION
1	P137 20DG	LEFT SEAT LOW HEAT LED DRIVER
2	E2 22OR	PANEL LAMPS FEED
3	Z3 20BK/OR	GROUND
4	F15 20DB	FUSED IGNITION SWITCH OUTPUT (RUN)
5	P139 20WT	LEFT SEAT HIGH HEAT LED DRIVER
6	P7 20LB/BK	DRIVER HEATED SEAT SWITCH



DRIVER LUMBAR MOTOR

DRIVER LUMBAR MOTOR - 2 WAY

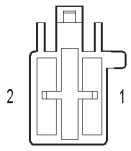
CAV	CIRCUIT	FUNCTION
1	P106 16DG/WT	LUMBAR MOTOR FORWARD
2	P107 16OR/BK	LUMBAR MOTOR REARWARD



DRIVER POWER SEAT FRONT VERTICAL MOTOR (CLUB CAB)

DRIVER POWER SEAT FRONT VERTICAL MOTOR (CLUB CAB) - BLACK 2 WAY

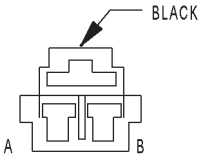
CAV	CIRCUIT	FUNCTION
A	P21 16RD/LG	LEFT POWER SEAT FRONT DOWN
B	P19 16YL/LG	LEFT POWER SEAT FRONT UP



DRIVER POWER SEAT FRONT VERTICAL MOTOR (STANDARD CAB)

DRIVER POWER SEAT FRONT VERTICAL MOTOR (STANDARD CAB) - 2 WAY

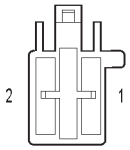
CAV	CIRCUIT	FUNCTION
1	P19 14YL/LG	LEFT SEAT FRONT UP
2	P21 14RD/LG	LEFT SEAT FRONT DOWN



DRIVER POWER SEAT HORIZONTAL MOTOR (CLUB CAB)

DRIVER POWER SEAT HORIZONTAL MOTOR (CLUB CAB) - BLACK - 2 WAY

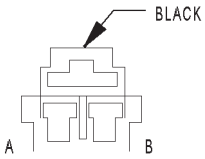
CAV	CIRCUIT	FUNCTION
A	P17 16RD/LB	LEFT SEAT HORIZONTAL REARWARD
B	P15 16YL/LB	LEFT SEAT HORIZONTAL FORWARD



DRIVER POWER SEAT HORIZONTAL MOTOR (STANDARD CAB)

DRIVER POWER SEAT HORIZONTAL MOTOR (STANDARD CAB) - 2 WAY

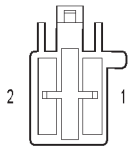
CAV	CIRCUIT	FUNCTION
1	P17 14DB/RD	LEFT SEAT HORIZONTAL REARWARD
2	P15 14YL/LB	LEFT SEAT HORIZONTAL FORWARD



DRIVER POWER SEAT REAR VERTICAL MOTOR (CLUB CAB)

DRIVER POWER SEAT REAR VERTICAL MOTOR (CLUB CAB) - BLACK 2 WAY

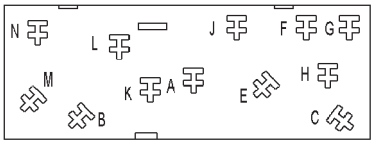
CAV	CIRCUIT	FUNCTION
A	P11 16YL/WT	LEFT SEAT REAR UP
B	P13 16RD/WT	LEFT SEAT REAR DOWN



DRIVER POWER SEAT REAR VERTICAL MOTOR (STANDARD CAB)

DRIVER POWER SEAT REAR VERTICAL MOTOR (STANDARD CAB) - 2 WAY

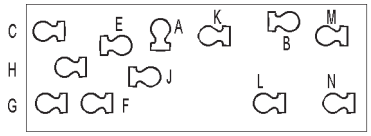
CAV	CIRCUIT	FUNCTION
1	P11 14YL/WT	LEFT SEAT REAR UP
2	P13 14RD/WT	LEFT SEAT REAR DOWN



DRIVER POWER SEAT SWITCH (CLUB CAB)

DRIVER POWER SEAT SWITCH (CLUB CAB) - 14 WAY

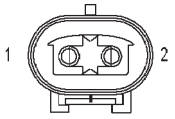
CAV	CIRCUIT	FUNCTION
A	F37 16RD/LB	FUSED B(+)
B	Z2 16BK/LG	GROUND
C	P106 16DG/WT	LUMBAR MOTOR FORWARD
D	-	-
E	P13 16RD/WT	LEFT SEAT REAR DOWN
F	P107 16OR/BK	LUMBAR DRIVER REARWARD
G	Z2 16BK/LG	GROUND
H	F37 16RD/LB	FUSED B(+)
I	-	-
J	P11 16YL/WT	LEFT SEAT REAR UP
K	P17 16RD/LB	LEFT SEAT HORIZONTAL REARWARD
L	P15 16YL/LB	LEFT SEAT HORIZONTAL FORWARD
M	P21 16RD/LG	LEFT SEAT FRONT DOWN
N	P19 16YL/LG	LEFT SEAT FRONT UP



DRIVER POWER SEAT SWITCH (STANDARD CAB)

DRIVER POWER SEAT SWITCH - 14 WAY

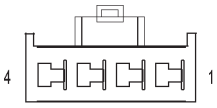
CAV	CIRCUIT	FUNCTION
A	F37 14RD/LB	FUSED B(+)
B	Z3 14BK/OR	GROUND
C	-	-
D	-	-
E	P11 14YL/WT	LEFT SEAT REAR UP
F	-	-
G	-	-
H	-	-
I	-	-
J	P13 14RD/WT	LEFT SEAT REAR DOWN
K	P17 14DB/RD	LEFT SEAT HORIZONTAL REARWARD
L	P15 14YL/LB	LEFT SEAT HORIZONTAL FORWARD
M	P19 14YL/LG	LEFT SEAT FRONT UP
N	P21 14RD/LG	LEFT SEAT FRONT DOWN



DRIVER POWER WINDOW MOTOR

DRIVER POWER WINDOW MOTOR - 2 WAY

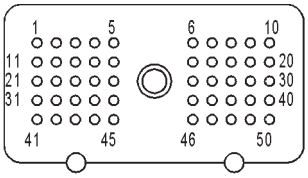
CAV	CIRCUIT	FUNCTION
1	Q11 16LB	LEFT WINDOW DRIVER (UP)
2	Q21 16WT	LEFT FRONT WINDOW DRIVER (DOWN)



ELECTRIC BRAKE PROVISION

ELECTRIC BRAKE PROVISION - 4 WAY

CAV	CIRCUIT	FUNCTION
1	A6 12RD/OR	FUSED B(+)
2	B40 12LB	TRAILER TOW BRAKE B(+)
3	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
4	Z3 18BK/OR	GROUND



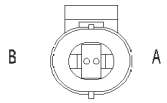
ENGINE CONTROL MODULE (DIESEL)

ENGINE CONTROL MODULE (DIESEL) - 50 WAY

CAV	CIRCUIT	FUNCTION
1	H104 18BR/OR	IDLE VALIDATION SWITCH NO. 1
2	K244 20YL/DB	CUMMINS BUS (+)
3	K6 18VT/WT	5V SUPPLY
4	K14 18BK/DB	SENSOR GROUND
5	F18 18LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-START)
6	G60 18GY/BK	ENGINE OIL PRESSURE SENSOR SIGNAL
7	K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
8	G12 18GY/RD	MANIFOLD ABSOLUTE PRESSURE SENSOR SIGNAL
9	-	-
10	K7 18OR	5V SUPPLY
11	K104 18BK/LB	SENSOR GROUND

ENGINE CONTROL MODULE (DIESEL) - 50 WAY

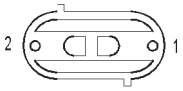
CAV	CIRCUIT	FUNCTION
12	K246 20YL/DG	CUMMINS BUS (-)
13	K242 20WT	DATA LINK (+) FUEL INJECTION PUMP
14	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
15	K135 18YL/WT	TRANSFER PUMP SUPPLY
16	H105 18LG/DB	IDLE VALIDATION SWITCH NO. 2
17	K124 18GY	CAMSHAFT POSITION SENSOR SIGNAL
18	K48 18DG	FUEL INJECTION PUMP SYNC SIGNAL
19	-	-
20	-	-
21	K1 18DG/RD	WATER IN FUEL SENSOR SIGNAL
22	V37 18RD/LG	SPEED CONTROL SWITCH SIGNAL
23	K240 20BK	DATA LINK (-) FUEL INJECTOR PUMP
24	V32 18YL/RD	BRAKE SWITCH SENSE
25	H102 18LB/BK	ACCELERATOR PEDAL POSITION SENSOR SIGNAL
26	G113 18OR	PTO SWITCH SENSE
27	-	-
28	K22 18OR/DB	ACCELERATOR PEDAL POSITION SENSOR SIGNAL
29	S21 18YL/BK	AIR INTAKE HEATER RELAY NO. 1
30	Z12 18BK/TN	GROUND
31	H101 18DB/WT	ACCELERATOR PEDAL POSITION SENSOR SUPPLY
32	H103 18BK/YL	ACCELERATOR PEDAL POSITION SENSOR GROUND
33	K45 18LB/RD	FUEL SHUT-OFF SIGNAL
34	K44 18VT/OR	LOW IDLE SELECT
35	K135 18YL/WT	TRANSFER PUMP SUPPLY
36	K131 18BR/WT	FUEL INJECTOR PUMP RELAY CONTROL
37	G85 18OR/BK	WAIT-TO-START WARNING INDICATOR DRIVER
38	D21 18PK/DB	SCI TRANSMIT
39	D20 18DG	SCI RECEIVE
40	D2 18WT/BK	CCD BUS (-)
41	D1 18VT/BR	CCD BUS (+)
42	-	-
43	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL
44	K243 20OR/BR	DATA LINK SHIELD FUEL INJECTOR PUMP
45	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
46	-	-
47	S22 18OR/BK	AIR INTAKE HEATER RELAY CONTROL NO. 2
48	A14 18RD/WT	FUSED B(+)
49	Z12 18BK/TN	GROUND
50	A14 18RD/WT	FUSED B(+)



ENGINE COOLANT TEMPERATURE SENSOR (DIESEL)

ENGINE COOLANT TEMPERATURE SENSOR (DIESEL) - 2 WAY

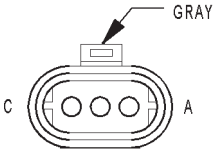
CAV	CIRCUIT	FUNCTION
A	K104 18BK/LB	SENSOR GROUND
B	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL



ENGINE COOLANT TEMPERATURE SENSOR (GAS)

ENGINE COOLANT TEMPERATURE SENSOR (GAS) - 2 WAY

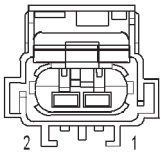
CAV	CIRCUIT	FUNCTION
1	K4 18BK/LB	SENSOR GROUND
2	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL



ENGINE OIL PRESURE SENSOR (DIESEL)

ENGINE OIL PRESSURE SENSOR (DIESEL) - GRAY 3 WAY

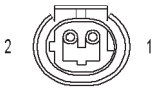
CAV	CIRCUIT	FUNCTION
A	K7 18OR	5V SUPPLY
B	K104 18BK/LB	ENGINE OIL PRESSURE SENSOR RETURN
C	G60 18GY/BK	ENGINE OIL PRESSURE SENSOR SIGNAL



ENGINE OIL PRESSURE SENSOR (GAS)

ENGINE OIL PRESSURE SENSOR (GAS) - 2 WAY

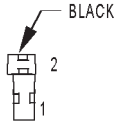
CAV	CIRCUIT	FUNCTION
1	K4 20BK/LB	SENSOR GROUND
2	G60 18GY/OR	ENGINE OIL PRESSURE SENSOR SIGNAL



EVAP/PURGE SOLENOID

EVAP/PURGE SOLENOID - 2 WAY

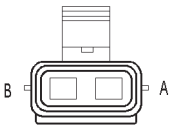
CAV	CIRCUIT	FUNCTION
1	K52 18PK/WT	EVAPORATIVE EMISSION SOLENOID CONTROL
2	F12 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)



WINDSHIELD WASHER PUMP

WINDSHIELD WASHER PUMP - BLACK 2 WAY

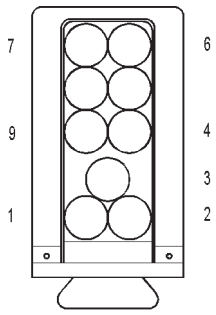
CAV	CIRCUIT	FUNCTION
1	V10 16BR	WASHER SWITCH SENSE
2	Z1 20BK	GROUND



FUEL HEATER (DIESEL)

FUEL HEATER (DIESEL) - 2 WAY

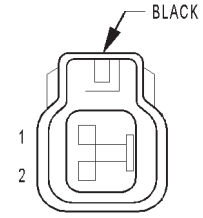
CAV	CIRCUIT	FUNCTION
A	Z11 14BK/TN	GROUND
B	A93 12RD/BK	FUEL HEATER RELAY OUTPUT



FUEL INJECTION PUMP (DIESEL)

FUEL INJECTION PUMP (DIESEL) - 9 WAY

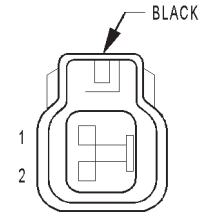
CAV	CIRCUIT	FUNCTION
1	K240 20BK	DATA LINK (-) FUEL INJECTION PUMP
2	K242 20WT	DATA LINK (+) FUEL INJECTION PUMP
3	-	-
4	K44 18VT/OR	LOW IDLE SELECT
5	K45 18LB/RD	FUEL SHUT-OFF SIGNAL
6	Z12 14BK/TN	GROUND
7	A40 14RD/LG	FUEL PUMP RELAY OUTPUT
8	K48 18DG	FUEL INJECTION PUMP SYNC SIGNAL
9	-	-



FUEL INJECTOR NO. 1

FUEL INJECTOR NO. 1 - BLACK 2 WAY

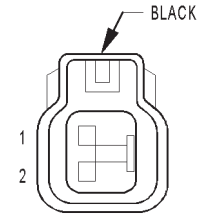
CAV	CIRCUIT	FUNCTION
1	K11 18WT/DB	FUEL INJECTOR NO. 1 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 2

FUEL INJECTOR NO. 2 - BLACK 2 WAY

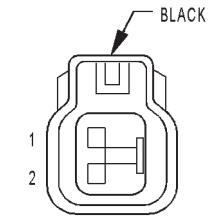
CAV	CIRCUIT	FUNCTION
1	K12 18TN	FUEL INJECTOR NO. 2 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 3

FUEL INJECTOR NO. 3 - BLACK 2 WAY

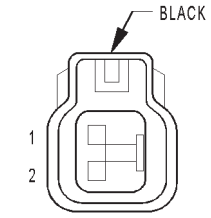
CAV	CIRCUIT	FUNCTION
1	K13 18YL/WT	FUEL INJECTOR NO. 3 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 4

FUEL INJECTOR NO. 4 - BLACK 2 WAY

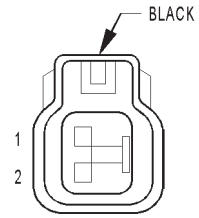
CAV	CIRCUIT	FUNCTION
1	K14 18LB/BR	FUEL INJECTOR NO. 4 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 5

FUEL INJECTOR NO. 5 - BLACK 2 WAY

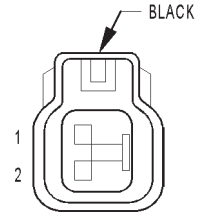
CAV	CIRCUIT	FUNCTION
1	K38 18GY	FUEL INJECTOR NO. 5 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 6

FUEL INJECTOR NO. 6 - BLACK 2 WAY

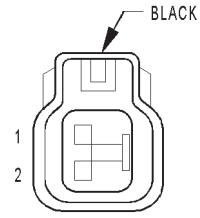
CAV	CIRCUIT	FUNCTION
1	K58 18BR/DB	FUEL INJECTOR NO. 6 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 7

FUEL INJECTOR NO. 7 - BLACK 2 WAY

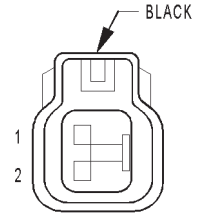
CAV	CIRCUIT	FUNCTION
1	K26 18VT/TN	FUEL INJECTOR NO. 7 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 8

FUEL INJECTOR NO. 8 - BLACK 2 WAY

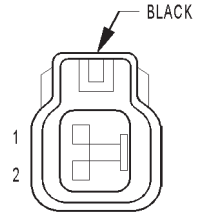
CAV	CIRCUIT	FUNCTION
1	K28 18GY/LB	FUEL INJECTOR NO. 8 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 9 (8.0L)

FUEL INJECTOR NO. 9 - BLACK 2 WAY

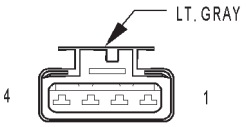
CAV	CIRCUIT	FUNCTION
1	K115 18TN/BK	FUEL INJECTOR NO. 9 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL INJECTOR NO. 10 (8.0L)

FUEL INJECTOR NO. 10 (8.0L) - BLACK 2 WAY

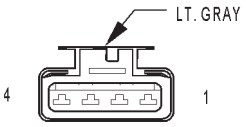
CAV	CIRCUIT	FUNCTION
1	K116 18WT	FUEL INJECTOR NO. 10 DRIVER
2	A142 16DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT



FUEL PUMP MODULE (GAS)

FUEL PUMP MODULE (GAS) - LT. GRAY 4 WAY

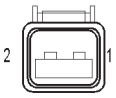
CAV	CIRCUIT	FUNCTION
1	Z13 16BK	GROUND
2	K4 20BK/LB	SENSOR GROUND
3	K226 20DB/WT	FUEL LEVEL SENSOR SIGNAL
4	A61 16DG/BK	FUEL PUMP RELAY OUTPUT



FUEL TANK MODULE (DIESEL)

FUEL TANK MODULE (DIESEL) - LT. GRAY 4 WAY

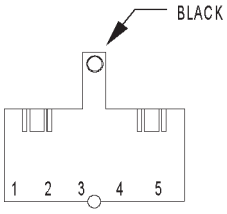
CAV	CIRCUIT	FUNCTION
1	-	-
2	K4 20BK/LB	SENSOR GROUND
3	K226 20DB/WT	FUEL LEVEL SENSOR SIGNAL
4	-	-



FUEL TRANSFER PUMP (DIESEL)

FUEL TRANSFER PUMP (DIESEL) - 2 WAY

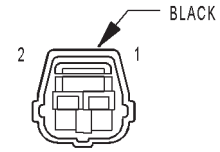
CAV	CIRCUIT	FUNCTION
1	K135 18YL/WT	TRANSFER PUMP SUPPLY
2	Z11 18BK/WT	GROUND



G300

G300 - BLACK 5 WAY

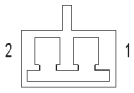
CAV	CIRCUIT	FUNCTION
1	Z2 18BK/LG	GROUND
2	Z2 14BK/LG	GROUND
3	Z2 16BK/LG	GROUND
4	Z2 16BK/LG	GROUND
5	Z2 14BK/LG	GROUND



GENERATOR

GENERATOR - BLACK 2 WAY

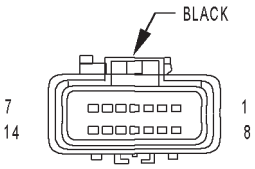
CAV	CIRCUIT	FUNCTION
1	K20 18DG	GENERATOR FIELD
2	T125 18DB	GENERATOR SOURCE



GLOVE BOX
LAMP AND SWITCH

GLOVE BOX LAMP AND SWITCH - 2 WAY

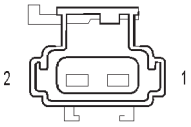
CAV	CIRCUIT	FUNCTION
1	M1 22PK	FUSED B(+)
2	Z3 22BK/OR	GROUND



HEADLAMP
SWITCH C1

HEADLAMP SWITCH C1 - BLACK 14 WAY

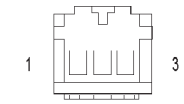
CAV	CIRCUIT	FUNCTION
1	L7 16BK/YL	HEADLAMP SWITCH OUTPUT
2	F33 16PK/RD	FUSED B(+)
3	G26 22LB	KEY-IN IGNITION SWITCH SENSE
4	G75 22TN (BASE)	DRIVER DOOR AJAR SWITCH SENSE
4	Z3 22BK/OR	GROUND
5	Z3 18BK/OR	GROUND
6	L2 18LG	HEADLAMP SWITCH OUTPUT
7	L39 22LB	FOG LAMP SWITCH OUTPUT
8	E17 18YL/BK	DAY BRIGHTNESS SENSE
9	Z3 20BK/OR	GROUND
10	M22 22WT	DOME LAMP SWITCH SENSE
11	M3 22PK/DB	CARGO LAMP DRIVER
12	M2 22YL	COURTESY LAMPS DRIVER
13	M11 22PK/LB	COURTESY LAMPS SWITCH OUTPUT
13	M22 22WT (BASE)	DOME LAMP SWITCH SENSE
14	E1 18TN	PANEL LAMPS DIMMER SWITCH SIGNAL



HEADLAMP
SWITCH C2

HEADLAMP SWITCH C2 - 2 WAY

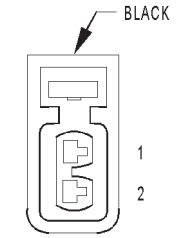
CAV	CIRCUIT	FUNCTION
1	Z3 20BK/OR	GROUND
2	L35 22BR/YL	FOG LAMP RELAY OUTPUT



HEATED MIRROR SWITCH

HEATED MIRROR SWITCH - 3 WAY

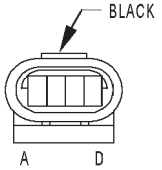
CAV	CIRCUIT	FUNCTION
1	F15 22DB	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z3 22BK/OR	GROUND
3	C16 22LB/YL	HEATED MIRROR



HIGH NOTE HORN

HIGH NOTE HORN - BLACK 2 WAY

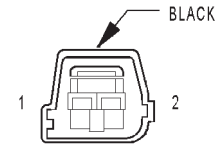
CAV	CIRCUIT	FUNCTION
1	X2 18DG/RD	HORN RELAY OUTPUT
2	Z1 18BK	GROUND



IDLE AIR CONTROL MOTOR

IDLE AIR CONTROL MOTOR - BLACK 4 WAY

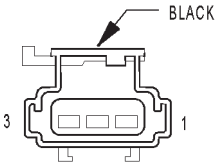
CAV	CIRCUIT	FUNCTION
A	K59 18VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
B	K40 18BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
C	K60 18YL/BK	IDLE AIR CONTROL NO. 2 DRIVER
D	K39 18GY/RD	IDLE AIR CONTROL NO. 1 DRIVER



IGNITION COIL (5.9L)

IGNITION COIL (5.9L) - BLACK 2 WAY

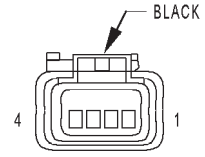
CAV	CIRCUIT	FUNCTION
1	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K19 16BK/GY	IGNITION COIL NO. 1 DRIVER



IGNITION COIL 4 PACK (8.0L)

IGNITION COIL 4 PACK (8.0L) - BLACK 3 WAY

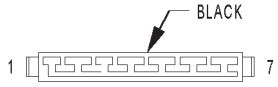
CAV	CIRCUIT	FUNCTION
1	K17 18DB/WT	IGNITION COIL NO. 2 DRIVER
2	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
3	K18 18RD/BK	IGNITION COIL NO. 3 DRIVER



IGNITION COIL
6 PACK
(8.0L)

IGNITION COIL 6 PACK (8.0L) - BLACK 4 WAY

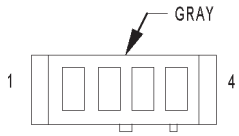
CAV	CIRCUIT	FUNCTION
1	K19 18BK/GY	IGNITION COIL NO. 1 DRIVER
2	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
3	K32 18YL/GY	IGNITION COIL NO. 4 DRIVER
4	K43 18DG/GY	IGNITION COIL NO. 5 DRIVER



IGNITION
SWITCH C1

IGNITION SWITCH C1 - BLACK 7 WAY

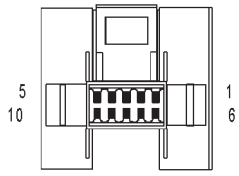
CAV	CIRCUIT	FUNCTION
1	A41 14YL	IGNITION SWITCH OUTPUT (START)
2	A21 12DB	IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	A2 14PK/BK	FUSED B(+)
5	A22 14BK/OR	IGNITION SWITCH OUTPUT (RUN)
6	A31 12BK/WT	IGNITION SWITCH OUTPUT (RUN-ACC)
7	A1 10RD	FUSED B(+)



IGNITION
SWITCH C2

IGNITION SWITCH C2 - GRAY 4 WAY

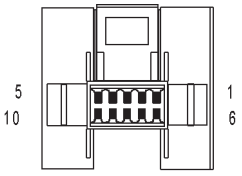
CAV	CIRCUIT	FUNCTION
1	Z3 22BK/OR	GROUND
1	G75 22TN (IEM)	DRIVER DOOR AJAR SWITCH SENSE
2	G26 22LB	KEY-IN IGNITION SWITCH SENSE
3	-	-
4	-	-



INSTRUMENT
CLUSTER C1

INSTRUMENT CLUSTER C1 - 10 WAY

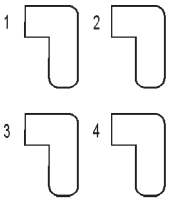
CAV	CIRCUIT	FUNCTION
1	-	-
2	G5 22DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	G11 22WT/LG	PARK BRAKE SWITCH SENSE
4	Z2 20BK/LG	GROUND
5	Z3 20BK/OR	GROUND
6	F73 20YL	FUSED B(+)
7	-	-
8	G85 22OR/BK (DIESEL)	WAIT-TO-START WARNING INDICATOR DRIVER
9	D2 20WT/BK	CCD BUS (-)
10	D1 20VT/BR	CCD BUS (+)



INSTRUMENT CLUSTER C2

INSTRUMENT CLUSTER C2 - 10 WAY

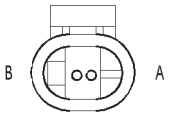
CAV	CIRCUIT	FUNCTION
1	E2 22OR	PANEL LAMPS FEED
2	G29 22BK/WT	WASHER FLUID SWITCH SENSE
3	G10 22LG/RD	SEAT BELT SWITCH SENSE
4	-	-
5	E17 18YL/BK	DAY BRIGHTNESS SENSE
6	L61 18LG	LEFT TURN SIGNAL
7	G13 22DB/RD	CHIME REQUEST SIGNAL
8	L60 18TN	RIGHT TURN SIGNAL
9	G34 16RD/GY	HIGH BEAM INDICATOR DRIVER
10	G107 22GY	4WD SWITCH SENSE



INTAKE AIR HEATER RELAYS (DIESEL)

INTAKE AIR HEATER RELAYS (DIESEL) - 4 WAY

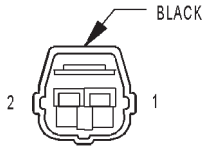
CAV	CIRCUIT	FUNCTION
1	S22 18OR/BK	AIR INTAKE HEATER RELAY CONTROL NO. 2
2	Z12 18BK/TN	GROUND
3	S21 18YL/BK	AIR INTAKE HEATER RELAY CONTROL NO. 1
4	Z12 18BK/TN	GROUND



INTAKE AIR TEMPERATURE SENSOR (DIESEL)

INTAKE AIR TEMPERATURE SENSOR (DIESEL) - 2 WAY

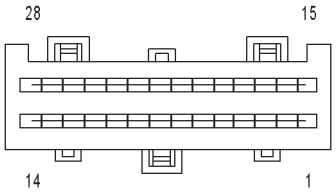
CAV	CIRCUIT	FUNCTION
A	K104 18BK/LB	SENSOR GROUND
B	K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL



INTAKE AIR TEMPERATURE SENSOR (GAS)

INTAKE AIR TEMPERATURE SENSOR (GAS) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K4 18BK/LB	SENSOR GROUND
2	K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL



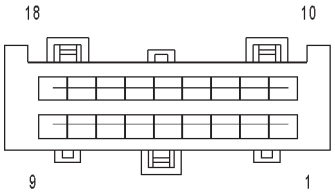
JOINT CONNECTOR NO. 1 (IN PDC)

JOINT CONNECTOR NO. 1 (IN PDC) - 28 WAY

CAV	CIRCUIT	FUNCTION
1	V40 20WT/PK	BRAKE SWITCH SENSE
2	V40 22WT/PK	BRAKE SWITCH SENSE
3	V40 22WT/PK	BRAKE SWITCH SENSE
4	L4 18VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
5	L4 16VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
5	L4 16VT/WT(QUAD)	DIMMER SWITCH LOW BEAM OUTPUT

JOINT CONNECTOR NO. 1 (IN PDC) - 28 WAY

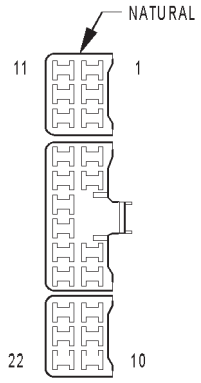
CAV	CIRCUIT	FUNCTION
6	L4 20VT/WT(QUAD)	DIMMER SWITCH LOW BEAM OUTPUT
6	L4 20VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
7	L4 20VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
8	L4 18VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
9	L1 18VT/BK	BACK-UP LAMP FEED
10	L1 18VT/BK	BACK-UP LAMP FEED
11	L1 18VT/BK	BACK-UP LAMP FEED
12	X2 18DG/RD	HORN RELAY OUTPUT
13	X2 18DG/RD	HORN RELAY OUTPUT
14	X2 18DG/RD	HORN RELAY OUTPUT
15	K4 22BK/LB	SENSOR GROUND
16	K4 22BK/LB	SENSOR GROUND
17	K4 20BK/LB	SENSOR GROUND
18	K4 20BK/LB	SENSOR GROUND
19	Z1 22BK	GROUND
20	Z1 20BK (DIESEL)	GROUND
21	Z1 18BK	GROUND
22	Z1 18BK	GROUND
23	Z1 18BK	GROUND
24	Z1 22BK (DIESEL)	GROUND
25	Z1 16BK	GROUND
26	Z1 16BK	GROUND
27	-	-
28	Z1 18BK	GROUND



JOINT
CONNECTOR NO. 2
(IN PDC)

JOINT CONNECTOR NO. 2 (IN PDC) - 18 WAY

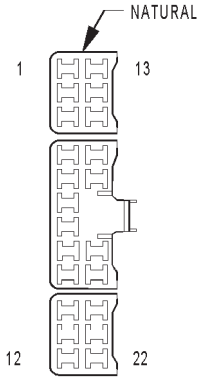
CAV	CIRCUIT	FUNCTION
1	A16 14RD/LB	FUSED B(+)
2	A16 14RD/LB	FUSED B(+)
3	A16 14RD/LB	FUSED B(+)
4	V5 16DG	WIPER PARK SWITCH SENSE
5	V5 16DG	WIPER PARK SWITCH SENSE
6	V5 16DG	WIPER PARK SWITCH SENSE
7	A14 16RD/WT	FUSED B(+)
8	A14 16RD/WT	FUSED B(+)
9	A14 16RD/WT	FUSED B(+)
10	A6 12RD/OR (TRAILER TOW)	FUSED B(+)
11	A6 12RD/OR (TRAILER TOW)	FUSED B(+)
12	A6 12RD/OR (TRAILER TOW)	FUSED B(+)
13	A6 12RD/OR (TRAILER TOW)	FUSED B(+)
14	-	-
15	A142 14DG/OR (GAS)	AUTOMATIC SHUT DOWN RELAY OUTPUT SENSE
16	A142 14DG/OR (GAS)	AUTOMATIC SHUT DOWN RELAY OUTPUT SENSE
16	Z12 18BK/TN (DIESEL)	GROUND
17	Z12 18BK/TN (DIESEL)	GROUND
17	A142 14DG/OR (GAS)	AUTOMATIC SHUT DOWN RELAY OUTPUT SENSE
18	Z12 18BK/TN (DIESEL)	GROUND



JOINT
CONNECTOR NO. 5

JOINT CONNECTOR NO. 5 - NATURAL 22 WAY

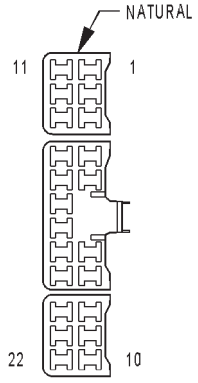
CAV	CIRCUIT	FUNCTION
1	M1 20PK	FUSED B(+)
2	M1 22PK	FUSED B(+)
3	M1 22PK	FUSED B(+)
4	Z3 20BK/OR	GROUND
5	Z3 18BK/OR	GROUND
6	Z3 22BK/OR	GROUND
7	Z3 18BK/OR	GROUND
8	E2 22OR	PANEL LAMPS FEED
9	E2 22OR	PANEL LAMPS FEED
10	E2 22OR	PANEL LAMPS FEED
11	-	-
12	M1 22PK	FUSED B(+)
13	M1 22PK	FUSED B(+)
14	Z3 20BK/OR (HEATED SEATS)	GROUND
15	Z3 20BK/OR (HEATED SEATS)	GROUND
16	Z3 22BK/OR (EXCEPT BASE/MIDLINE)	GROUND
17	Z3 22BK/OR (EXCEPT BASE/MIDLINE)	GROUND
18	-	-
19	-	-
20	E2 22OR	PANEL LAMPS FEED
21	E2 22OR	PANEL LAMPS FEED
22	E2 22OR	PANEL LAMPS FEED



JOINT
CONNECTOR NO. 6

JOINT CONNECTOR NO. 6 - NATURAL 22 WAY

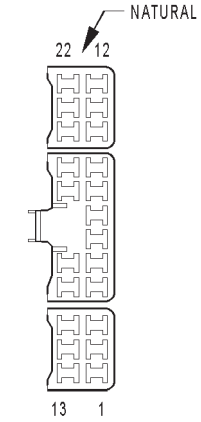
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	L50 16WT/TN	BRAKE LAMP SWITCH OUTPUT
5	L50 16WT/TN	BRAKE LAMP SWITCH OUTPUT
6	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
7	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
8	Z9 16BK/VT(EXCEPT BASE/LOWLINE)	GROUND
9	Z9 20BK/VT(SLT+HIGHLINE)	GROUND
10	X3 20BK/RD(EXCEPT BASE/MIDLINE)	HORN RELAY CONTROL
10	M22 22WT(BASE/MIDLINE)	DOME LAMPS SWITCH SENSE
11	X3 20BK/RD(EXCEPT BASE/MIDLINE)	HORN RELAY CONTROL
11	M22 22WT(BASE/MIDLINE)	DOME LAMPS SWITCH SENSE
12	M22 22WT(BASE/MIDLINE)	DOME LAMPS SWITCH SENSE
12	X3 20BK/RD(EXCEPT BASE/MIDLINE)	HORN RELAY CONTROL
13	V10 16BR	WASHER SWITCH SENSE
14	V10 16BR	WASHER SWITCH SENSE
15	V10 16BR	WASHER SWITCH SENSE
16	-	-
17	-	-
18	Z9 16BK/VT	GROUND
19	Z9 16BK/VT(XECEPT BASE/LOWLINE)	GROUND
20	G26 22LB	KEY-IN IGNITION SWITCH SENSE
21	G26 22LB	KEY-IN IGNITION SWITCH SENSE
22	G26 22LB	KEY-IN IGNITION SWITCH SENSE



JOINT
CONNECTOR NO. 7

JOINT CONNECTOR NO. 7 - NATURAL 22 WAY

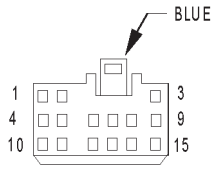
CAV	CIRCUIT	FUNCTION
1	D1 18VT/BR	CCD BUS (+)
2	D1 18VT/BR	CCD BUS (+)
3	D1 20VT/BR	CCD BUS (+)
4	D2 18WT/BK	CCD BUS (-)
5	D2 18WT/BK	CCD BUS (-)
6	D2 20WT/BK	CCD BUS (-)
7	D2 20WT/BK	CCD BUS (-)
8	D1 20VT/BR	CCD BUS (+)
9	D1 20VT/BR	CCD BUS (+)
10	D1 20VT/BR	CCD BUS (+)
11	D1 20VT/BR	CCD BUS (+)
12	D1 20VT/BR	CCD BUS (+)
13	D1 20VT/BR	CCD BUS (+)
14	D2 20WT/BK	CCD BUS (-)
15	D2 20WT/BK	CCD BUS (-)
16	D2 20WT/BK	CCD BUS (-)
17	D2 20WT/BK (REMOTE RADIO)	CCD BUS (-)
18	-	-
19	-	-
20	D1 20VT/BR (REMOTE RADIO)	CCD BUS (+)
21	-	-
22	-	-



JOINT
CONNECTOR NO. 8

JOINT CONNECTOR NO. 8 - NATURAL 22 WAY

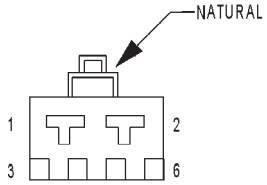
CAV	CIRCUIT	FUNCTION
1	M2 22YL	COURTESY LAMPS DRIVER
2	M2 22YL	COURTESY LAMPS DIRVER
3	M2 22YL	COURTESY LAMPS DRIVER
4	F15 22DB	FUSED IGNITION SWITCH OUTPUT(RUN)
5	F15 22DB	FUSED IGNITION SWITCH OUTPUT(RUN)
6	F15 22DB	FUSED IGNITION SWITCH OUTPUT(RUN)
7	F15 20DB(HEATED SEATS)	FUSED IGNITION SWITCH OUTPUT(RUN)
8	G75 22TN(BASE/MIDLINE)	DRIVER DOOR AJAR SWITCH SENSE
8	E2 22OR(HEATED SEATS)	PANEL LAMPS FEED
9	E2 22OR(HEATED SEATS)	PANEL LAMPS FEED
9	G75 22TN(BASE/MIDLINE)	DRIVER DOOR AJAR SWITCH SENSE
10	Z6 18 BK/PK	GROUND
11	Z6 18BK/PK	GROUND
12	Z6 18BK/PK	GROUND
13	E17 18YL/BK	DAY BRIGHTNESS SENSE
14	E17 18YL/BK	DAY BRIGHTNESS SENSE
15	E17 18YL/BK	DAY BRIGHTNESS SENSE
16	F15 18DB	FUSED IGNITION SWITCH OUTPUT(RUN)
17	F15 22DB	FUSED IGNITION SWITCH OUTPUT(RUN)
18	E2 22OR(HEATED SEATS)	PANEL LAMPS FEED
18	G75 22TN(BASE/MIDLINE)	DRIVER DOOR AJAR SWITCH SENSE
19	E2 22OR(HEATED SEATS)	PANEL LAMPS FEED
19	G75 22TN(BASE/MIDLINE)	DRIVER DOOR AJAR SWITCH SENSE
20	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT(RUN-START)
21	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT(RUN-START)
22	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT(RUN-START)



JUNCTION BLOCK C1

JUNCTION BLOCK C1 - BLUE 15 WAY

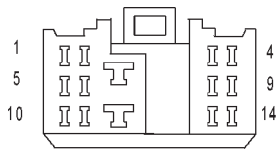
CAV	CIRCUIT	FUNCTION
1	-	-
2	G31 20VT/LG	AMBIENT TEMPERATURE SENSOR SIGNAL
3	A20 20RD/DB	FUSED IGNITION SWITCH OUTPUT (RUN)
4	L61 18LG	LEFT TURN SIGNAL
5	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	-	-
7	-	-
8	-	-
9	L7 18BK/YL	PARK LAMP RELAY OUTPUT
10	F18 20LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-START)
11	L1 18VT/BK	BACK-UP LAMP FEED
12	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
13	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
14	G32 20BK/VT	SENSOR GROUND
15	-	-



JUNCTION BLOCK C2

JUNCTION BLOCK C2 - NATURAL 6 WAY

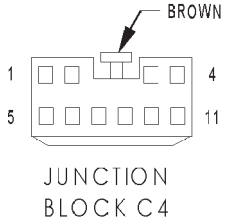
CAV	CIRCUIT	FUNCTION
1	A7 10RD/BK	FUSED B(+)
2	L9 16BK/VT	FUSED FLASHER FEED
3	M1 20PK	FUSED B(+)
4	-	-
5	L60 18TN	RIGHT TURN SIGNAL
6	-	-



JUNCTION BLOCK C3

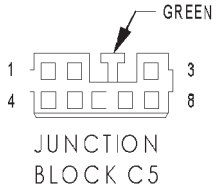
JUNCTION BLOCK C3 - 14 WAY

CAV	CIRCUIT	FUNCTION
1	G32 22BK/LB	SENSOR GROUND
2	Z2 20BK/LG	GROUND
3	M2 22YL	COURTESY LAMPS DRIVER
4	-	-
5	G31 22VT/LG	AMBIENT TEMPERATURE SENSOR SIGNAL
6	M1 22PK (BASE)	FUSED B(+)
6	M1 20PK (HIGHLINE)	FUSED B(+)
7	-	-
8	L7 18BK/YL	PARK LAMP RELAY OUTPUT
9	-	-
10	-	-
11	L1 20VT/BK	BACK-UP LAMP FEED
12	-	-
13	Z3 18BK (HIGHLINE)	GROUND
14	F12 20DB/WT (HIGHLINE)	FUSED IGNITION SWITCH OUTPUT (RUN-START)



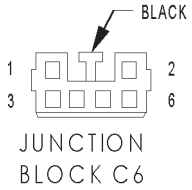
JUNCTION BLOCK C4 - BROWN 11 WAY

CAV	CIRCUIT	FUNCTION
1	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	F23 18DB/YL	FUSED IGNITION SWITCH OUTPUT (RUN)
3	X12 16RD/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	L61 18LG	LEFT TURN SIGNAL
5	F12 22DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
6	F12 22DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
7	-	-
8	-	-
9	E1 18TN	PANEL LAMPS DIMMER SWITCH SIGNAL
10	-	-
11	-	-



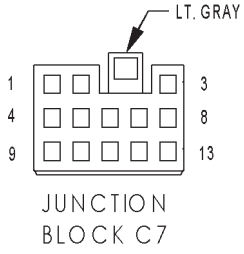
JUNCTION BLOCK C5 - GREEN 8 WAY

CAV	CIRCUIT	FUNCTION
1	V6 16DB (EXCEPT BASE/MIDLINE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	L61 18LG	LEFT TURN SIGNAL
3	X60 16DG/RD	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	-	-
6	M2 22YL	COURTESY LAMPS DRIVER
7	E2 22OR	PANEL LAMPS FEED
8	G5 22DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)



JUNCTION BLOCK C6 - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	A35 16DB	FUSED B(+)
2	-	-
3	-	-
4	L19 16PK	HAZARD FLASHER SIGNAL
5	F235 16RD	B(+) TO HEATED SEAT MODULE
6	L10 18BR/LG	FUSED IGNITION SWITCH OUTPUT (RUN)

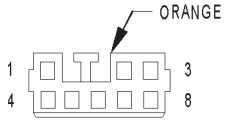


JUNCTION BLOCK C7 - LT. GRAY 13 WAY

CAV	CIRCUIT	FUNCTION
1	L60 18TN	RIGHT TURN SIGNAL
2	-	-
3	Z3 18BK/WT	GROUND
4	L60 18TN	RIGHT TURN SIGNAL
5	-	-
6	-	-

JUNCTION BLOCK C7 - LT. GRAY 13 WAY

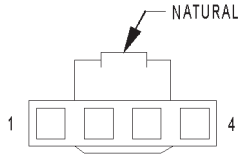
CAV	CIRCUIT	FUNCTION
7	P132 16OR/BK (BASE/MIDLINE)	HEATED SEAT ENABLE
8	Z2 22BK/LG	GROUND
9	M1 22PK	FUSED B(+)
10	F35 18RD	FUSED B(+)
11	F35 22RD	FUSED B(+)
12	A35 16DB	FUSED B(+)
13	L6 16RD/GY	FLASHER OUTPUT



JUNCTION BLOCK C8

JUNCTION BLOCK C8 - ORANGE 8 WAY

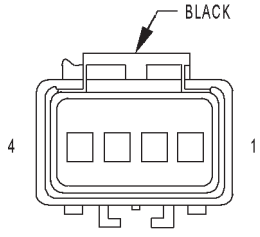
CAV	CIRCUIT	FUNCTION
1	F30 18RD/OR	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	-	-
4	F73 20YL	FUSED B(+)
5	-	-
6	-	-
7	F37 16RD/LB (EXCEPT BASE/LOW-LINE)	FUSED B(+)
8	F21 14TN	FUSED IGNITION SWITCH OUTPUT (RUN)



JUNCTION BLOCK C9

JUNCTION BLOCK C9 - NATURAL 4 WAY

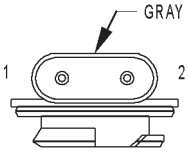
CAV	CIRCUIT	FUNCTION
1	F15 18DB	FUSED IGNITION SWITCH OUTPUT (RUN)
2	A22 14BK/OR	FUSED IGNITION SWITCH OUTPUT (RUN)
3	A21 12DB	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	A31 12BK/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)



LEAK DETECTION PUMP (GAS)

LEAK DETECTION PUMP (GAS) - BLACK 4 WAY

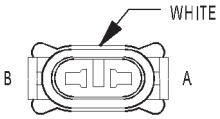
CAV	CIRCUIT	FUNCTION
1	-	-
2	T125 18DB	GENERATOR SOURCE
3	K106 18WT/DG	LEAK DETECTION PUMP SOLENOID CONTROL
4	K107 18OR	LEAK DETECTION PUMP SWITCH SENSE



LEFT BACK-UP LAMP

LEFT BACK-UP LAMP - GRAY 2 WAY

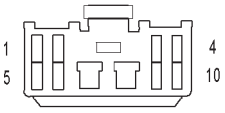
CAV	CIRCUIT	FUNCTION
1	Z13 18BK	GROUND
2	L1 18VT/BK	BACK-UP LAMP FEED



LEFT FOG LAMP

LEFT FOG LAMP - WHITE 2 WAY

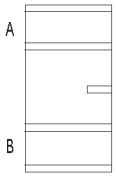
CAV	CIRCUIT	FUNCTION
A	L34 20RD/OR	FUSED B(+)
B	L39 20LB	FOG LAMP SWITCH OUTPUT



LEFT FRONT DOOR SPEAKER (PREMIUM)

LEFT FRONT DOOR SPEAKER (PREMIUM) - 10 WAY

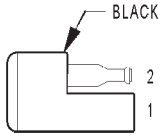
CAV	CIRCUIT	FUNCTION
1	X83 20YL/RD	AMPLIFIED HIGH LEFT FRONT SPEAKER (+)
2	X81 20YL/BK	AMPLIFIED HIGH LEFT FRONT SPEAKER (-)
3	X53 18DG	LEFT FRONT SPEAKER (+)
4	X55 18BR/RD	LEFT FRONT SPEAKER (-)
5	X91 18WT/DG	AMPLIFIED LOW LEFT REAR SPEAKER (-)
6	X93 18WT/VT	AMPLIFIED LOW LEFT REAR SPEAKER (+)
7	X13 16BK/RD	RADIO CHOKE RELAY OUTPUT
8	Z9 16BK/VT	GROUND
9	X51 18BR/YL	LEFT REAR SPEAKER (+)
10	X57 18BR/LB	LEFT REAR SPEAKER (-)



LEFT FRONT DOOR SPEAKER (STANDARD)

LEFT FRONT DOOR SPEAKER (STANDARD) - 2 WAY

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



LEFT FRONT FENDER LAMP (DUAL REAR WHEELS)

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

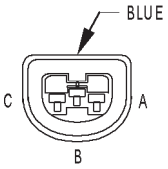
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z13 18BK	GROUND



LEFT FRONT WHEEL SPEED SENSOR (ABS)

LEFT FRONT WHEEL SPEED SENSOR (ABS) - 2 WAY

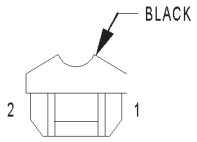
CAV	CIRCUIT	FUNCTION
1	B8 20RD/GY	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B9 20RD	LEFT FRONT WHEEL SPEED SENSOR (+)



LEFT HEADLAMP

LEFT HEADLAMP - BLUE 3 WAY

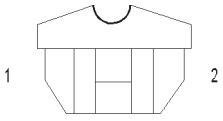
CAV	CIRCUIT	FUNCTION
C	L33 18LG/BR	HIGH BEAM HEADLAMP DRIVER
B	-	-
A	L45 18PK/RD	FUSED B(+)



LEFT LICENSE LAMP

LEFT LICENSE LAMP - BLACK 2 WAY

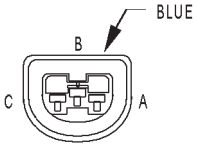
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z13 18BK	GROUND



LEFT OUTBOARD CLEARANCE LAMP

LEFT OUTBOARD CLEARANCE LAMP - 2 WAY

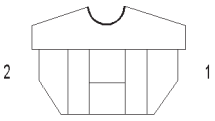
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z4 18BK	GROUND



LEFT OUTBOARD HEADLAMP

LEFT OUTBOARD HEADLAMP - BLUE 3 WAY

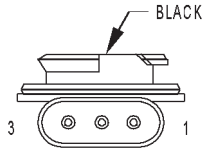
CAV	CIRCUIT	FUNCTION
A	L43 18VT	FUSED B(+)
B	L43 18VT (QUAD HEADLAMP)	FUSED B(+)
A	L4 20VT/WT (QUAD HEADLAMP)	DIMMER SWITCH LOW BEAM OUTPUT
B	L4 20VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
C	L3 20RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT



LEFT OUTBOARD IDENTIFICATION LAMP

LEFT OUTBOARD IDENTIFICATION LAMP - 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z4 18BK	GROUND



LEFT PARK/ TURN SIGNAL LAMP

LEFT PARK/TURN SIGNAL LAMP - BLACK 3 WAY

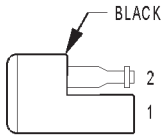
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L7 18BK/YL	PARK LAMP RELAY OUTPUT
3	L61 18LG/TN	LEFT TURN SIGNAL



LEFT POWER MIRROR

LEFT POWER MIRROR - 6 WAY

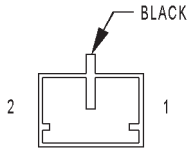
CAV	CIRCUIT	FUNCTION
1	P71 22YL	LEFT MIRROR UP DRIVER
2	P75 22DB/WT	LEFT MIRROR LEFT DRIVER
3	P73 22YL/PK	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
4	C16 20LB/YL	HEATED MIRROR
5	Z2 20BK/LG	GROUND
6	-	-



LEFT REAR FENDER LAMP (DUAL REAR WHEELS)

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

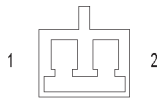
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z13 18BK	GROUND



LEFT REAR SPEAKER (PREMIUM 2 DOOR)

LEFT REAR SPEAKER (PREMIUM 2 DOOR) - BLACK 2 WAY

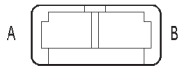
CAV	CIRCUIT	FUNCTION
1	X93 18WT/VT	AMPLIFIED LOW LEFT REAR SPEAKER (+)
2	X91 18WT/DG	AMPLIFIED LOW LEFT REAR SPEAKER (-)



LEFT REAR
SPEAKER
(PREMIUM 4 DOOR)

LEFT REAR SPEAKER (PREMIUM 4 DOOR) - 2 WAY

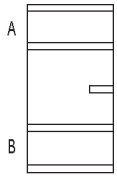
CAV	CIRCUIT	FUNCTION
1	X57 18BR/LB	AMPLIFIED LOW LEFT REAR SPEAKER (-)
2	X51 18BR/YL	AMPLIFIED LOW LEFT REAR SPEAKER (+)



LEFT REAR
SPEAKER
(STANDARD 2 DOOR)

LEFT REAR SPEAKER (STANDARD 2 DOOR) - 2 WAY

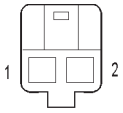
CAV	CIRCUIT	FUNCTION
A	X57 18BR/LB	LEFT REAR SPEAKER (-)
B	X51 18BR/YL	LEFT REAR SPEAKER (+)



LEFT REAR
SPEAKER
(STANDARD 4 DOOR)

LEFT REAR SPEAKER (STANDARD 4 DOOR) - 2 WAY

CAV	CIRCUIT	FUNCTION
A	X57 18BR/LB	LEFT REAR SPEAKER (-)
B	X51 18BR/YL	LEFT REAR SPEAKER (+)



LEFT REMOTE
RADIO SWITCH

LEFT REMOTE RADIO SWITCH - 2 WAY

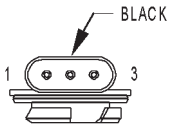
CAV	CIRCUIT	FUNCTION
1	Z2 22BK/LG	GROUND
2	X20 22RD/BK	RADIO CONTROL MUX



LEFT SPEED
CONTROL SWITCH

LEFT SPEED CONTROL SWITCH - 2 WAY

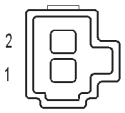
CAV	CIRCUIT	FUNCTION
1	K4 22WT	SENSOR GROUND
2	V37 22DG/RD	SPEED CONTROL SWITCH SIGNAL
2	V37 22DG/RD	SPEED CONTROL SWITCH SIGNAL



LEFT TAIL/
STOP/TURN
SIGNAL LAMP

LEFT TAIL/STOP/TURN SIGNAL LAMP - BLACK 3 WAY

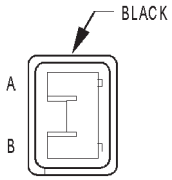
CAV	CIRCUIT	FUNCTION
1	Z13 18BK	GROUND
2	L7 18BK/YL	PARK LAMP RELAY OUTPUT
3	L63 18DG/BR	LEFT TURN SIGNAL



LEFT TWEETER
(PREMIUM)

LEFT TWEETER (PREMIUM) - 2 WAY

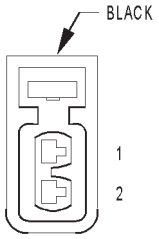
CAV	CIRCUIT	FUNCTION
1	X83 20YL/RD	AMPLIFIED HIGH LEFT FRONT SPEAKER (+)
2	X81 20YL/BK	AMPLIFIED HIGH LEFT FRONT SPEAKER (-)



LEFT VISOR/
VANITY LAMP

LEFT VISOR/VANITY LAMP - BLACK 2 WAY

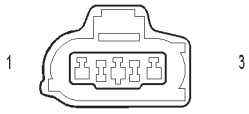
CAV	CIRCUIT	FUNCTION
A	M1 20PK	FUSED B(+)
B	Z4 20BK	GROUND



LOW NOTE
HORN

LOW NOTE HORN - BLACK 2 WAY

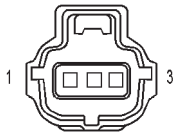
CAV	CIRCUIT	FUNCTION
1	X2 18DG/RD	HORN RELAY OUTPUT
2	Z1 18BK	GROUND



MANIFOLD ABSOLUTE
PRESSURE SENSOR
(5.9L)

MANIFOLD ABSOLUTE PRESSURE SENSOR (5.9L) - 3 WAY

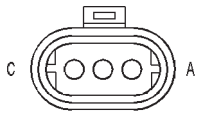
CAV	CIRCUIT	FUNCTION
1	K4 20BK/LB	SENSOR GROUND
2	K1 18DG/RD	MAP SENSOR SIGNAL
3	K6 20VT/WT	5V SUPPLY



MANIFOLD ABSOLUTE PRESSURE SENSOR (8.0L)

MANIFOLD ABSOLUTE PRESSURE SENSOR (8.0L) - 3 WAY

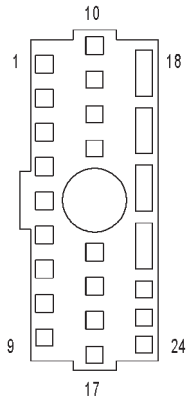
CAV	CIRCUIT	FUNCTION
1	K6 20VT/WT	5V SUPPLY
2	K4 20BK/LB	SENSOR GROUND
3	K1 18DG/RD	MAP SENSOR SIGNAL



MANIFOLD ABSOLUTE PRESSURE SENSOR (DIESEL)

MANIFOLD ABSOLUTE PRESSURE SENSOR (DIESEL) - 3 WAY

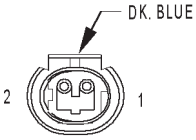
CAV	CIRCUIT	FUNCTION
A	K7 18OR	5V SUPPLY
B	K104 18BK/LB	SENSOR GROUND
C	G12 18GY/RD	MANIFOLD ABSOLUTE PRESSURE SENSOR SIGNAL



MULTI-FUNCTION SWITCH

MULTI-FUNCTION SWITCH - 24 WAY

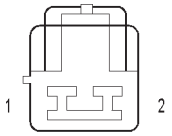
CAV	CIRCUIT	FUNCTION
1	V9 16WT/DB	WIPER SWITCH MODE SIGNAL
2	V8 16VT	WIPER SWITCH MODE SENSE
3	V10 16BR	WASHER SWITCH SENSE
4	V6 16DB	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	V4 16RD/YL	WIPER SWITCH HIGH SPEED OUTPUT
6	V3 16BR/WT	LOW SPEED WIPER SWITCH OUTPUT
7	V49 16RD/BK	DRIVER LOW SPEED WIPER MOTOR DRIVER
8	V49 16RD/BK	DRIVER LOW SPEED WIPER MOTOR DRIVER
9	V3 16BR/WT	LOW SPEED WIPER SWITCH OUTPUT
10	-	-
11	L60 18TN	RIGHT TURN SIGNAL
12	L62 16BR/RD	RIGHT TURN SIGNAL
13	L19 16PK	HAZARD FLASHER SIGNAL
14	L50 16WT/TN	BRAKE LAMP SWITCH OUTPUT
15	L63 16DG/RD	LEFT TURN SIGNAL
16	L61 18LG	LEFT TURN SIGNAL
17	L6 16RD/GY	FLASHER OUTPUT
18	L4 18VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
19	L2 18LG	HEADLAMP SWITCH OUTPUT
20	L3 14RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
21	Z3 16BK/OR	GROUND
22	-	-
23	-	-
24	-	-



OUTPUT SPEED SENSOR

OUTPUT SPEED SENSOR - DK. BLUE 2 WAY

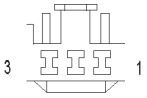
CAV	CIRCUIT	FUNCTION
1	T14 18LG/BK	OUTPUT SPEED SENSOR SIGNAL
2	T13 18DB/BK	OUTPUT SPEED SENSOR GROUND



OVERDRIVE SWITCH

OVERDRIVE SWITCH - 2 WAY

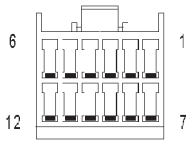
CAV	CIRCUIT	FUNCTION
1	T6 22OR/WT	OVERDRIVE OFF SWITCH SENSE
2	Z2 22BK/LG	GROUND



OVERHEAD CONSOLE (BASE)

OVERHEAD CONSOLE (BASE) - 3 WAY

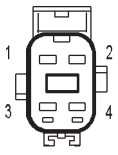
CAV	CIRCUIT	FUNCTION
1	Z2 20BK/LG	GROUND
2	M1 22PK	FUSED B(+)
3	M2 22YL	COURTESY LAMPS DRIVER



OVERHEAD CONSOLE (HIGHLINE)

OVERHEAD CONSOLE (HIGHLINE) - 12 WAY

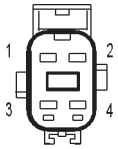
CAV	CIRCUIT	FUNCTION
1	F12 20DB/WT	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	D1 20VT/BR	CCD BUS(+)
3	G31 22VT/LG	AMBIENT TEMPERATURE SENSOR SIGNAL
4	Z2 20BK/LG	GROUND
5	M1 20PK	FUSED B(+)
6	M2 22YL	COURTESY LAMPS DRIVER
7	Z2 20BK/LG	GROUND
8	D2 20WT/BK	CCD BUS(-)
9	G32 22BK/LB	SENSOR GROUND
10	-	-
11	G69 22BK	VTSS INDICATOR DRIVER
12	-	-



OXYGEN SENSOR 1/1 LEFT BANK UP (5.9L HD/8.0L)

OXYGEN SENSOR 1/1 LEFT BANK UP (5.9L HD/8.0L) - 4 WAY

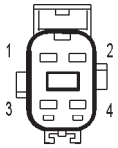
CAV	CIRCUIT	FUNCTION
1	A141 18DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	Z11 18BK/WT	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K41 18BK/DG	OXYGEN SENSOR 1/1 SIGNAL



OXYGEN SENSOR
1/1 LEFT
BANK UP
(CALIFORNIA)

OXYGEN SENSOR 1/1 LEFT BANK UP (CALIFORNIA) - 4 WAY

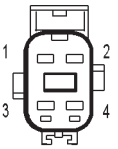
CAV	CIRCUIT	FUNCTION
1	K199 18BR/VT	OXYGEN SENSOR 1/1 HEATER CONTROL
2	A141 18DG/WT	FUSED OXYGEN SENSOR UPSTREAM RELAY OUTPUT
3	K141 18TN/WT	OXYGEN SENSOR 1/1 SIGNAL
4	K4 18BK/LB	SENSOR GROUND



OXYGEN SENSOR
1/1 UPSTREAM
(A/T EXCEPT 8.0L)

OXYGEN SENSOR 1/1 UPSTREAM (A/T EXCEPT 8.0L) - 4 WAY

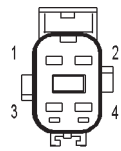
CAV	CIRCUIT	FUNCTION
1	A141 18DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K199 18BR/VT	OXYGEN SENSOR 1/1 HEATER CONTROL
3	K4 18BK/LB	SENSOR GROUND
4	K141 18TN/WT	OXYGEN SENSOR 1/1 SIGNAL



OXYGEN SENSOR
1/1 UPSTREAM
(M/T EXCEPT 8.0L)

OXYGEN SENSOR 1/1 UPSTREAM (M/T EXCEPT 8.0L) - 4 WAY

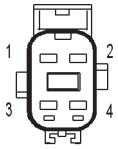
CAV	CIRCUIT	FUNCTION
1	A141 18DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K199 18BR/VT	OXYGEN SENSOR 1/1 HEATER CONTROL
3	K4 18BK/LB	SENSOR GROUND
4	K141 18TN/WT	OXYGEN SENSOR 1/1 SIGNAL



OXYGEN SENSOR
1/2 DOWNSTREAM
(A/T EXCEPT 8.0L)

OXYGEN SENSOR 1/2 DOWNSTREAM (A/T EXCEPT 8.0L)- 4 WAY

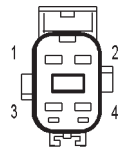
CAV	CIRCUIT	FUNCTION
1	A141 18DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	K299 18BR/WT	OXYGEN SENSOR 1/2 HEATER CONTROL
3	K4 18BK/LB	GROUND
4	K341 18OR/BK	OXYGEN SENSOR 1/1 SIGNAL



OXYGEN SENSOR
1/2 LEFT
BANK DOWN
(CALIFORNIA)

OXYGEN SENSOR 1/2 LEFT BANK DOWN (CALIFORNIA) - 4 WAY

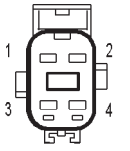
CAV	CIRCUIT	FUNCTION
1	A341 18DG/YL	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
2	Z11 18BK/WT	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K341 18OR/BK	OXYGEN SENSOR 1/2 SIGNAL



OXYGEN SENSOR 1/2 PRE-CATALYST (8.0L)

OXYGEN SENSOR 1/2 PRE-CATALYST (8.0L) - 4 WAY

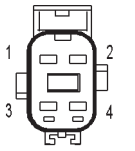
CAV	CIRCUIT	FUNCTION
1	A341 18DG/YL	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	Z11 18BK/WT	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K141 18TN/WT	OXYGEN SENSOR 1/2 SIGNAL



OXYGEN SENSOR 1/3 POST CATALYST (8.0L)

OXYGEN SENSOR 1/3 POST CATALYST (8.0L) - 4 WAY

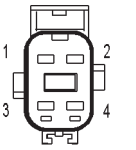
CAV	CIRCUIT	FUNCTION
1	A341 18DG/YL	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	Z11 18BK/WT	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K341 18OR/BK	OXYGEN SENSOR 1/3 SIGNAL



OXYGEN SENSOR 2/1 RIGHT BANK UP (5.9L HD) (5.9L/8.0L CALIFORNIA)

OXYGEN SENSOR 2/1 RIGHT BANK UP (5.9L HD/5.9L/8.0L CALIFORNIA)

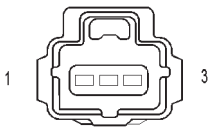
CAV	CIRCUIT	FUNCTION
1	A141 18DG/WT	AUTOMATIC SHUT DOWN RELAY OUTPUT
2	Z11 18BK/WT	GROUND
2	K299 18BR/WT(CALIFORNIA)	OXYGEN SENSOR 2/1 HEATER CONTROL
3	K4 18BK/LB	SENSOR GROUND
4	K241 18LG/RD	OXYGEN SENSOR 2/1 SIGNAL



OXYGEN SENSOR 2/2 RIGHT BANK DOWN (CALIFORNIA)

OXYGEN SENSOR 2/2 RIGHT BANK DOWN (CALIFORNIA) - 4 WAY

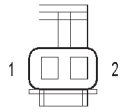
CAV	CIRCUIT	FUNCTION
1	A341 18DG/YL	OXYGEN SENSOR DOWNSTREAM RELAY OUTPUT
2	Z11 18BK/WT	GROUND
3	K4 18BK/LB	SENSOR GROUND
4	K441 18OR/TN	OXYGEN SENSOR 2/2 SIGNAL



PARK/NEUTRAL POSITION SWITCH (A/T)

PARK/NEUTRAL POSITION SWITCH (A/T) - 3 WAY

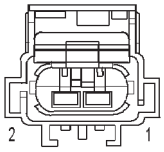
CAV	CIRCUIT	FUNCTION
1	L10 18BR/LG	FUSED IGNITION SWITCH OUTPUT (RUN)
2	T41 18BK/WT	PARK/NEUTRAL POSITION SWITCH SENSE
3	L1 18VT/BK	BACK-UP LAMP FEED



PASSENGER AIRBAG

PASSENGER AIRBAG - 2 WAY

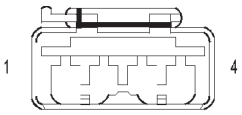
CAV	CIRCUIT	FUNCTION
1	R42 18BK/YL	PASSENGER AIRBAG LINE 1
2	R44 18DG/YL	PASSENGER AIRBAG LINE 2



PASSENGER AIRBAG ON/OFF SWITCH C1

PASSENGER AIRBAG ON/OFF SWITCH C1 - 2 WAY

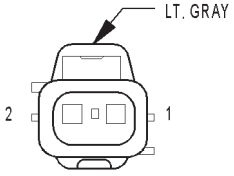
CAV	CIRCUIT	FUNCTION
1	F14 18LG/YL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z6 18BK/PK	GROUND



PASSENGER AIRBAG ON/OFF SWITCH C2

PASSENGER AIRBAG ON/OFF SWITCH C2 - 4 WAY

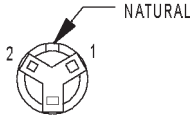
CAV	CIRCUIT	FUNCTION
1	R142 18BR/YL	PASSENGER AIRBAG LINE 1
2	R144 18VT/YL	PASSENGER AIRBAG LINE 2
3	R42 18BK/YL	PASSENGER AIRBAG LINE 1
4	R44 18DG/YL	PASSENGER AIRBAG LINE 2



PASSENGER CYLINDER LOCK SWITCH

PASSENGER CYLINDER LOCK SWITCH - LT. GRAY 2 WAY

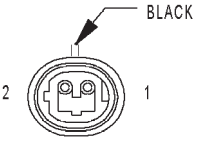
CAV	CIRCUIT	FUNCTION
1	Z2 20BK/LG	GROUND
2	G73 20LG/OR	CYLINDER LOCK SWITCH MUX



PASSENGER DOOR AJAR SWITCH

PASSENGER DOOR AJAR SWITCH - NATURAL 2 WAY

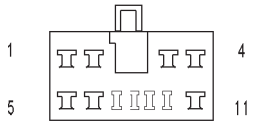
CAV	CIRCUIT	FUNCTION
1	Z2 18BK/LG	GROUND
2	G16 18BK/LB (BASE)	PASSENGER DOOR AJAR SWITCH SENSE
2	M22 18WT	DOME LAMP SWITCH SENSE



PASSENGER DOOR LOCK MOTOR

PASSENGER DOOR LOCK MOTOR - BLACK 2 WAY

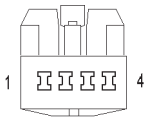
CAV	CIRCUIT	FUNCTION
1	P34 18PK/BK	DOOR UNLOCK DRIVER
2	P33 18OR/BK	DOOR LOCK DRIVER



PASSENGER DOOR WINDOW/LOCK SWITCH

PASSENGER DOOR WINDOW/LOCK SWITCH - 11 WAY

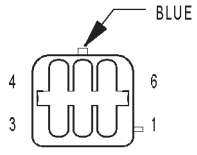
CAV	CIRCUIT	FUNCTION
1	Q16 14BR/WT	MASTER WINDOW SWITCH RIGHT FRONT (UP)
2	Q26 14VT/WT	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
3	Q22 14VT	RIGHT FRONT WINDOW DRIVER (DOWN)
4	Q12 14BR	RIGHT FRONT WINDOW DRIVER (UP)
5	F35 18RD	FUSED B(+)
6	P35 18OR/VT	DRIVER DOOR LOCK SWITCH OUTPUT
7	P30 18OR/DG	PASSENGER DOOR LOCK SWITCH OUTPUT
8	Z2 14BK/LG	GROUND
9	P31 18PK/DG	PASSENGER DOOR UNLOCK SWITCH OUTPUT
10	P36 18PK/VT	DRIVER DOOR UNLOCK SWITCH OUTPUT
11	F21 14TN	FUSED IGNITION SWITCH OUTPUT (RUN)



PASSENGER HEATED SEAT CUSHION

PASSENGER HEATED SEAT CUSHION - 4 WAY

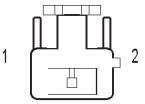
CAV	CIRCUIT	FUNCTION
1	P130 16TN	RIGHT SEAT HEATER B(+) DRIVER
2	Z2 18BK/LG	GROUND
3	P144 20BK/WT	SEAT TEMPERATURE 5V SUPPLY
4	P142 20DB	RIGHT SEAT TEMPERATURE SENSOR INPUT



PASSENGER HEATED SEAT SWITCH

PASSENGER HEATED SEAT SWITCH - BLUE 6 WAY

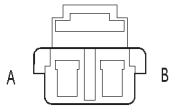
CAV	CIRCUIT	FUNCTION
1	P138 20VT/LG	RIGHT SEAT LOW HEAT LED DRIVER
2	E2 22OR	PANEL LAMPS FEED
3	Z3 20BK/OR	GROUND
4	F15 20DB	FUSED IGNITION SWITCH OUTPUT (RUN)
5	P140 20VT/BK	RIGHT SEAT HIGH HEAT LED DRIVER
6	P8 20LB/WT	PASSENGER HEATED SEAT SWITCH



PASSENGER LUMBAR MOTOR

PASSENGER LUMBAR MOTOR - 2 WAY

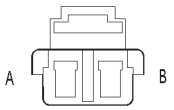
CAV	CIRCUIT	FUNCTION
1	P106 16DG/WT	LUMBAR MOTOR FORWARD
2	P107 16OR/BK	LUMBAR MOTOR REARWARD



PASSENGER POWER SEAT FRONT VERTICAL MOTOR (CLUB CAB)

PASSENGER POWER SEAT FRONT VERTICAL MOTOR (CLUB CAB) - 2 WAY

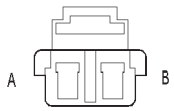
CAV	CIRCUIT	FUNCTION
A	P20 16RD/LG	RIGHT SEAT FRONT DOWN
B	P18 16YL/LG	RIGHT SEAT FRONT UP



PASSENGER POWER SEAT HORIZONTAL MOTOR (CLUB CAB)

PASSENGER POWER SEAT HORIZONTAL MOTOR (CLUB CAB) - 2 WAY

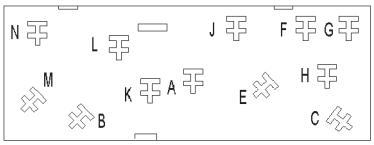
CAV	CIRCUIT	FUNCTION
A	P16 16LB	RIGHT SEAT HORIZONTAL REARWARD
B	P14 16YL/LB	RIGHT SEAT HORIZONTAL FORWARD



PASSENGER POWER SEAT REAR VERTICAL MOTOR (CLUB CAB)

PASSENGER POWER SEAT REAR VERTICAL MOTOR (CLUB CAB) - 2 WAY

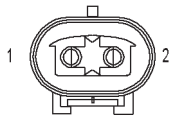
CAV	CIRCUIT	FUNCTION
A	P10 16YL/WT	RIGHT SEAT REAR UP
B	P12 16RD/WT′	RIGHT SEAT REAR DOWN



PASSENGER POWER SEAT SWITCH (CLUB CAB)

PASSENGER POWER SEAT SWITCH (CLUB CAB) - 14 WAY

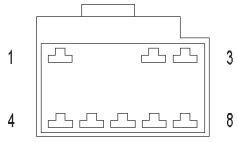
CAV	CIRCUIT	FUNCTION
N	P20 16RD/LG	RIGHT SEAT FRONT DOWN
M	P18 16YL/LG	RIGHT SEAT FRONT UP
L	P14 16YL/LB	RIGHT SEAT HORIZONTAL REARWARD
K	P16 16LB	RIGHT SEAT HORIZONTAL FORWARD
J	P12 16RD/WT	RIGHT SEAT REAR DOWN
I	-	-
H	F37 16RD/LB	FUSED B(+)
G	Z2 16BK/LG	GROUND
F	P106 16DG/WT	LUMBAR MOTOR FORWARD
E	P10 16YL/WT	RIGHT SEAT REAR UP
D	-	-
C	P107 16OR/BK	LUMBAR MOTOR REARWARD
B	Z2 16BK/LG	GROUND
A	F37 16RD/LB	FUSED B(+)



PASSENGER POWER WINDOW MOTOR

PASSENGER POWER WINDOW MOTOR - 2 WAY

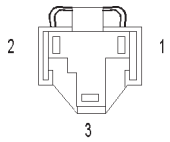
CAV	CIRCUIT	FUNCTION
1	Q12 14BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q22 14VT	RIGHT FRONT WINDOW DRIVER (DOWN)



POWER
MIRROR SWITCH

POWER MIRROR SWITCH - 8 WAY

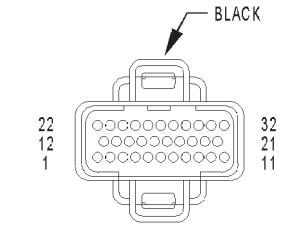
CAV	CIRCUIT	FUNCTION
1	P71 22YL	LEFT MIRROR UP DRIVER
2	P75 22DB/WT	LEFT MIRROR LEFT DRIVER
3	P73 22YL/PK	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
4	P72 22YL/BK	RIGHT MIRROR UP DRIVER
5	P74 22DB	RIGHT MIRROR LEFT DRIVER
6	P70 22WT	RIGHT MIRROR COMMON DRIVER (RIGHT/DOWN)
7	M1 22PK	FUSED B(+)
8	Z2 20BK/LG	GROUND



POWER
OUTLET

POWER OUTLET - 3 WAY

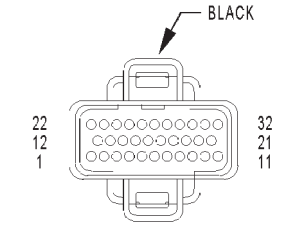
CAV	CIRCUIT	FUNCTION
1	A12 16RD/TN	OUTLET FEED
2	-	-
3	Z3 16BK/OR	GROUND



POWERTRAIN CONTROL
MODULE C1
(DIESEL)

POWERTRAIN CONTROL MODULE C1 (DIESEL) - BLACK 32 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	F18 18LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	K4 18BK/LB	SENSOR GROUND
5	-	-
6	T41 18BK/WT (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE
7	-	-
8	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	A14 14RD/WT	FUSED B(+)
23	K22 18OR/DB	THROTTLE POSITION SENSOR SIGNAL
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-



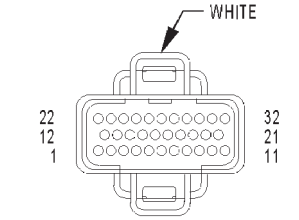
POWERTRAIN CONTROL MODULE C1 (GAS)

POWERTRAIN CONTROL MODULE C1 (DIESEL) - BLACK 32 WAY

CAV	CIRCUIT	FUNCTION
29	-	-
30	-	-
31	Z12 14BK/TN	GROUND
32	Z12 14BK/TN	GROUND

POWERTRAIN CONTROL MODULE C1 (GAS)- BLACK 32 WAY

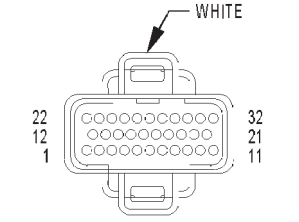
CAV	CIRCUIT	FUNCTION
1	K32 18YL/GY(8.0L)	IGNITION COIL NO. 4 DRIVER
2	F18 18LG/BK	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	K18 18RD/BK(8.0L)	IGNITION COIL NO. 3 DRIVER
4	K4 18BK/LB	SENSOR GROUND
5	K43 18DG/GY(8.0L)	IGNITION COIL NO. 5 DRIVER
6	T41 18BK/WT (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE
7	K19 18BK/GY	IGNITION COIL NO.1
7	K19 18BK/GY(5.9L)	IGNITION COIL NO. 1 DRIVER
8	K24 18GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL
9	K17 18DB/WT(8.0L)	IGNITION COIL NO. 2 DRIVER
10	K60 18YL/BK	IDLE AIR CONTROL NO. 2 DRIVER
11	K40 18BR/WT	IDLE AIR CONTROL NO. 3 DRIVER
12	-	-
13	G113 18OR	PTO SWITCH SENSE
14	-	-
15	K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
17	K6 18VT/WT	5V SUPPLY
18	K44 18TN/YL	CAMSHAFT POSITION SENSOR SIGNAL
19	K39 18GY/RD	IDLE AIR CONTROL NO. 1 DRIVER
20	K59 18VT/BK	IDLE AIR CONTROL NO. 4 DRIVER
21	-	-
22	A14 16RD/WT	FUSED B(+)
23	K22 18OR/DB	THROTTLE POSITION SENSOR SIGNAL
24	K41 18BK/DG(5.9L/8.0L)	OXYGEN SENSOR 1/1 SIGNAL
24	K141 18TN/WT(CALIFORNIA)	OXYGEN SENSOR 1/1 SIGNAL
25	K341 18OR/BK(5.9L)(CALIFORNIA)	OXYGEN SENSOR 1/2 SIGNAL
25	K341 18OR/BK(A/T)(CALIFORNIA)	OXYGEN SENSOR 1/3 SIGNAL
26	K241 18LG/RD(CALIFORNIA)	OXYGEN SENSOR 2/1 SIGNAL
26	K241 18LG/RD(8.0L/5.9L)	OXYGEN SENSOR 2/1 SIGNAL
27	K1 18DG/RD	MAP SENSOR SIGNAL
28	-	-
29	K141 18TN/WT(8.0L)(A/T)(CALIFORNIA)	OXYGEN SENSOR 1/2 SIGNAL
29	K441 18OR/TN(5.9L)(CALIFORNIA)	OXYGEN SENSOR 2/2 SIGNAL
30	-	-
31	Z12 14BK/TN	GROUND
32	Z12 14BK/TN	GROUND
A24	K141 18TN/WT(5.9L)	OXYGEN SENSOR 1/1 SIGNAL
B24	K141 18TN/WT(5.9L)	OXYGEN SENSOR 1/1 SIGNAL



POWERTRAIN CONTROL
MODULE C2
(DIESEL)

POWERTRAIN CONTROL MODULE C2 (DIESEL) - WHITE 32 WAY

CAV	CIRCUIT	FUNCTION
1	T54 18VT (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	K88 18VT/WT (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
9	-	-
10	K20 18DG	GENERATOR FIELD
11	K54 18OR/BK (A/T)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	T60 18BR (A/T)	3-4 SHIFT SOLENOID CONTROL
22	-	-
23	-	-
24	-	-
25	T13 18DB/BK	OUTPUT SPEED SENSOR GROUND
26	-	-
27	G7 18WT/OR (A/T)	VEHICLE SPEED SENSOR SIGNAL
28	T14 18LG/BK	OUTPUT SPEED SENSOR SIGNAL
29	T25 18LG/WT (A/T)	GOVERNOR PRESSURE SENSOR SIGNAL
30	K30 18PK (A/T)	TRANSMISSION CONTROL RELAY CONTROL
31	K7 18OR (A/T)	5V SUPPLY
32	-	-



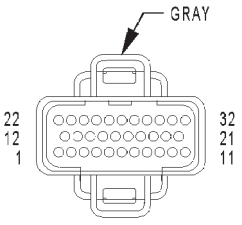
POWERTRAIN CONTROL
MODULE C2
(GAS)

POWERTRAIN CONTROL MODULE C2 (GAS) - WHITE 32 WAY

CAV	CIRCUIT	FUNCTION
1	T54 18VT (A/T)(5.9L)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
2	K26 18VT/TN (5.9L)	FUEL INJECTOR NO. 7 DRIVER
3	K115 18TN/BK (8.0L)	FUEL INJECTOR NO. 9 DRIVER
4	K11 18WT/DB	FUEL INJECTOR NO. 1 DRIVER
5	K13 18YL/WT	FUEL INJECTOR NO. 3 DRIVER
6	K38 18GY(5.9L)	FUEL INJECTOR NO.5 DRIVER
6	K38 18GY(8.0L)	FUEL INJECTOR NO. 5 DRIVER
7	-	-
8	K88 18VT/WT (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
9	-	-
10	K20 18DG	GENERATOR FIELD
11	K54 18OR/BK(A/T)(5.9L)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
12	K58 18BR/DB(8.0L)	FUEL INJECTOR NO. 6 DRIVER
12	K58 18BR/DB(5.9L)	FUEL INJECTOR NO.6 DRIVER

POWERTRAIN CONTROL MODULE C2 (GAS) - WHITE 32 WAY

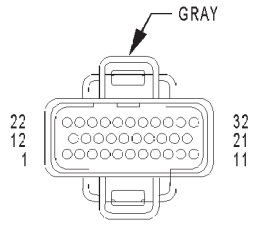
CAV	CIRCUIT	FUNCTION
13	K28 18GY/LB (5.9L)(8.0L)	FUEL INJECTOR NO. 8 DRIVER
14	K116 18WT (8.0L)	FUEL INJECTOR NO. 10 DRIVER
15	K12 18TN	FUEL INJECTOR NO. 2 DRIVER
16	K14 18LB/BR	FUEL INJECTOR NO. 4 DRIVER
17	-	-
18	-	-
19	-	-
20	-	-
21	T60 18BR (A/T)(5.9L)	3-4 SHIFT SOLENOID CONTROL
22	-	-
23	G60 18GY/OR	ENGINE OIL PRESSURE SENSOR SIGNAL
23	G60 18GY/OR(5.9L)	ENGINE OIL PRESURE SENSOR SIGNAL
24	-	-
25	T13 18DB/BK (A/T)(5.9L)	OUTPUT SPEED SENSOR GROUND
26	-	-
27	G7 18WT/OR	VEHICLE SPEED SENSOR SIGNAL
28	T14 18LG/BK (A/T)(5.9L)	OUTPUT SPEED SENSOR SIGNAL
29	T25 18LG/WT (A/T)(5.9L)	GOVERNOR PRESSURE SENSOR SIGNAL
30	K30 18PK (A/T)(5.9L)	TRANSMISSION CONTROL RELAY CONTROL
31	K7 18OR (A/T)(5.9L)	5V SUPPLY
32	-	-



POWERTRAIN CONTROL MODULE C3 (DIESEL)

POWERTRAIN CONTROL MODULE C3 (DIESEL) - GRAY 32 WAY

CAV	CIRCUIT	FUNCTION
1	C13 18DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
2	-	-
3	K51 18DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
4	V36 18TN/RD	SPEED CONTROL VACUUM SOLENOID CONTROL
5	V35 18LG/RD	SPEED CONTROL VENT SOLENOID CONTROL
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	V32 18YL/RD	SPEED CONTROL SUPPLY
12	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
13	T6 18OR/WT (A/T)	OVERDRIVE OFF SWITCH SENSE
14	-	-
15	K118 18PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	C20 18BR	A/C SWITCH SENSE
23	C90 18LG/WT	A/C SELECT INPUT
24	V40 18WT/PK	BRAKE SWITCH SENSE
25	T125 18DB	GENERATOR SOURCE
26	K226 18DB/WT	FUEL LEVEL SENSOR SIGNAL
27	D21 18PK/DB	SCI TRANSMIT



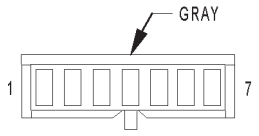
POWERTRAIN CONTROL MODULE C3 (GAS)

POWERTRAIN CONTROL MODULE C3 (DIESEL) - GRAY 32 WAY

CAV	CIRCUIT	FUNCTION
28	D2 18WT/BK	CCD BUS(-)
29	D220 18WT/VT	SCI RECEIVE
30	D1 18VT/BR	CCD BUS(+)
31	-	-
32	V37 18RD/LG	SPEED CONTROL SWITCH SIGNAL

POWERTRAIN CONTROL MODULE C3 (GAS) - GRAY 32 WAY

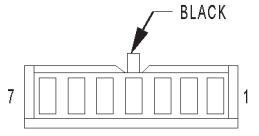
CAV	CIRCUIT	FUNCTION
1	C13 18DB/OR	A/C COMPRESSOR CLUTCH RELAY CONTROL
2	-	-
3	K51 18DB/YL	AUTOMATIC SHUT DOWN RELAY CONTROL
4	V36 18TN/RD	SPEED CONTROL VACUUM SOLENOID CONTROL
5	V35 18LG/RD	SPEED CONTROL VENT SOLENOID CONTROL
6	-	-
7	-	-
8	K199 18BR/VT(5.9L)	OXYGEN SENSOR 1/1 HEATER CONTROL
8	Z11 18BK/WT(5.9HD/8.0L)	OXYGEN SENSOR 1/1 HEATER CONTROL
8	K199 18BR/VT (CALIFORNIA)(5.9L)	OXYGEN SENSOR 1/1 HEATER CONTROL
9	K145 20DG/PK (CALIFORNIA)(5.9L)	OXYGEN SENSOR DOWNSTREAM RELAY CONTROL
10	K106 18WT/DG	LEAK DETECTION PUMP SOLENOID CONTROL
11	V32 18YL/RD	SPEED CONTROL SUPPLY
12	A142 14DG/OR	AUTOMATIC SHUT DOWN RELAY OUTPUT
13	T6 18OR/WT (A/T)	OVERDRIVE OFF SWITCH SENSE
14	K107 18OR	LEAK DETECTION PUMP SWITCH SENSE
15	K118 18PK/YL	BATTERY TEMPERATURE SENSOR SIGNAL
16	Z11 18BK/WT(5.9LHD/8.0L)	No Function Defined
16	K299 18BR.WT(CALIFORNIA)(5.9L)	OXYGEN SENSOR 2/1 HEATER CONTROL
16	K299 18BR/WT(5.9L)	OXYGEN SENSOR 1/2 SIGNAL CONTROL
17	-	-
18	-	-
19	K31 18BR/WT	FUEL PUMP RELAY CONTROL
20	K52 18PK/WT	EVAPORATIVE EMISSION SOLENOID CONTROL
21	-	-
22	C20 18BR	A/C SWITCH SENSE
23	C90 18LG/WT	A/C SELECT INPUT
24	V40 18WT/PK	BRAKE SWITCH SENSE
25	T125 18DB	GENERATOR SOURCE
26	K226 18DB/WT(CALIFORNIA)(5.9L)	FUEL LEVEL SENSOR SIGNAL
27	D21 18PK/DB	SCI TRANSMIT
28	D2 18WT/BK	CCD BUS (-)
29	D20 18DG	SCI RECEIVE
30	D1 18VT/BR	CCD BUS (+)
31	-	-
32	V37 18RD/LG	SPEED CONTROL SWITCH SIGNAL
A8	K199 18BR/VT(5.9L)	OXYGEN SENSOR 1/1 HEATER CONTROL



RADIO C1

RADIO C1 - GRAY 7 WAY

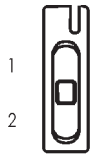
CAV	CIRCUIT	FUNCTION
1	-	-
2	X55 18BR/RD	LEFT FRONT DOOR SPEAKER (-)
3	X56 18DB/RD	RIGHT FRONT DOOR SPEAKER (-)
4	E17 18YL/BK	DAY BRIGHTNESS SENSE
5	E2 22OR	PANEL LAMPS FEED
6	X12 16RD/WT	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	M1 22PK	FUSED B(+)



RADIO C2

RADIO C2 - BLACK 7 WAY

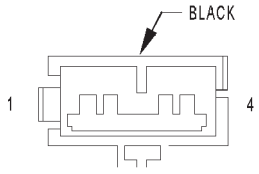
CAV	CIRCUIT	FUNCTION
1	X16 22LG	ANTENNA RELAY OUTPUT
2	X51 18BR/YL	LEFT REAR SPEAKER (+)
3	X52 18DB/WT	RIGHT REAR SPEAKER (+)
4	X53 18DG	LEFT FRONT DOOR SPEAKER (+)
5	X54 18VT	RIGHT FRONT DOOR SPEAKER (+)
6	X57 18BR/LB	LEFT REAR SPEAKER (-)
7	X58 18DB/OR	RIGHT REAR SPEAKER (-)



RADIO C3

RADIO C3 - 2 WAY

CAV	CIRCUIT	FUNCTION
1	D1 20VT/BR	CCD BUS (+)
2	D2 20WT/BK	CCD BUS (-)



RADIO CHOKE RELAY

RADIO CHOKE RELAY - BLACK 4 WAY

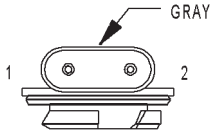
CAV	CIRCUIT	FUNCTION
1	X60 16DG/RD	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	X13 16BK/RD	RADIO CHOKE RELAY OUTPUT
3	X16 22LG	ANTENNA RELAY OUTPUT
4	Z9 16BK/VT	GROUND



REAR WHEEL SPEED SENSOR (ABS)

REAR WHEEL SPEED SENSOR (ABS) - 2 WAY

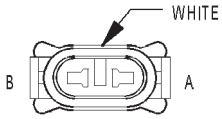
CAV	CIRCUIT	FUNCTION
1	B114 20WT/VT	REAR WHEEL SPEED SENSOR (-)
2	B113 20RD/VT	REAR WHEEL SPEED SENSOR (+)



RIGHT
BACK-UP LAMP

RIGHT BACK-UP LAMP - GRAY 2 WAY

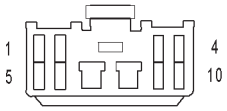
CAV	CIRCUIT	FUNCTION
1	Z13 18BK	GROUND
2	L1 18VT/BK	BACK-UP LAMP FEED



RIGHT FOG
LAMP

RIGHT FOG LAMP - WHITE 2 WAY

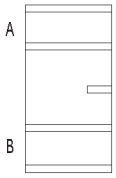
CAV	CIRCUIT	FUNCTION
A	L34 20RD/OR	FUSED B(+)
B	L39 20LB	FOG LAMP SWITCH OUTPUT



RIGHT FRONT
DOOR SPEAKER
(PREMIUM)

RIGHT FRONT DOOR SPEAKER (PREMIUM) - 10 WAY

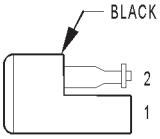
CAV	CIRCUIT	FUNCTION
1	X82 20LB/RD	AMPLIFIED HIGH RIGHT FRONT DOOR SPEAKER (+)
2	X80 20LB/BK	AMPLIFIED HIGH RIGHT FRONT DOOR SPEAKER (-)
3	X54 18VT	RIGHT FRONT SPEAKER (+)
4	X56 18DB/RD	RIGHT FRONT SPEAKER (-)
5	X92 18TN/BK	AMPLIFIED LOW RIGHT REAR SPEAKER (-)
6	X94 18TN/VT	AMPLIFIED LOW RIGHT REAR SPEAKER (+)
7	X13 16BK/RD	RADIO CHOKE RELAY OUTPUT
8	Z9 16BK/VT	GROUND
9	X52 18DB/WT	RIGHT REAR SPEAKER (+)
10	X58 18DB/OR	RIGHT REAR SPEAKER (-)



RIGHT FRONT
DOOR SPEAKER
(STANDARD)

RIGHT FRONT DOOR SPEAKER (STANDARD) - 2 WAY

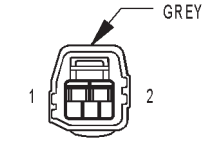
CAV	CIRCUIT	FUNCTION
A	X56 20DB/RD	RIGHT FRONT SPEAKER (-)
B	X54 20VT	RIGHT FRONT SPEAKER (+)



RIGHT FRONT
FENDER LAMP
(DUAL REAR WHEELS)

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

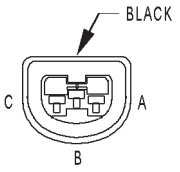
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z13 18BK	GROUND



RIGHT FRONT WHEEL SPEED SENSOR (ABS)

RIGHT FRONT WHEEL SPEED SENSOR (ABS) - GRAY 2 WAY

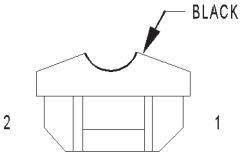
CAV	CIRCUIT	FUNCTION
1	B6 20WT/DB	RIGHT FRONT WHEEL SPEED SENSOR (-)
2	B7 20WT	RIGHT FRONT WHEEL SPEED SENSOR (+)



RIGHT HEADLAMP

RIGHT HEADLAMP - BLACK 3 WAY

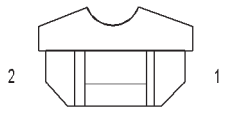
CAV	CIRCUIT	FUNCTION
A	L45 18PK/RD	FUSED B(+)
B	-	-
C	L33 18LG/BR	HIGH BEAM HEADLAMP DRIVER



RIGHT LICENSE LAMP

RIGHT LICENSE LAMP - BLACK 2 WAY

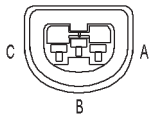
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	PARK LAMP RELAY OUTPUT
2	Z13 18BK	GROUND



RIGHT OUTBOARD CLEARANCE LAMP

RIGHT OUTBOARD CLEARANCE LAMP - 2 WAY

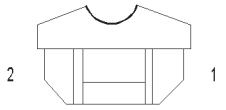
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z4 18BK	GROUND



RIGHT OUTBOARD HEADLAMP

RIGHT OUTBOARD HEADLAMP - 3 WAY

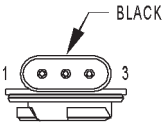
CAV	CIRCUIT	FUNCTION
C	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT
B	L44 18VT/RD (QUAD HEADLAMP)	FUSED B(+)
B	L4 16VT/WT	DIMMER SWITCH LOW BEAM OUTPUT
A	L44 18VT/RD	FUSED B(+)
A	L4 16VT/WT (QUAD HEADLAMP)	DIMMER SWITCH LOW BEAM OUTPUT



RIGHT OUTBOARD IDENTIFICATION LAMP

RIGHT OUTBOARD IDENTIFICATION LAMP - 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z4 18BK	GROUND



RIGHT PARK/ TURN SIGNAL LAMP

RIGHT PARK/TURN SIGNAL LAMP - BLACK 3 WAY

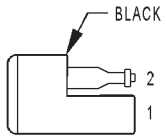
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L7 18BK/YL	PARK LAMP RELAY OUTPUT
3	L60 18LG/TN	RIGHT TURN SIGNAL



RIGHT POWER MIRROR

RIGHT POWER MIRROR - 6 WAY

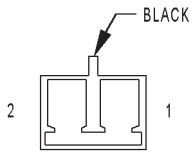
CAV	CIRCUIT	FUNCTION
1	P72 20YL/BK	RIGHT MIRROR UP DRIVER
2	P74 20DB	RIGHT MIRROR LEFT DRIVER
3	P70 20WT	RIGHT MIRROR COMMON DRIVER (RIGHT/DOWN)
4	C16 20LB/YL	HEATED MIRROR
5	Z2 20BK/LG	GROUND
6	-	-



RIGHT REAR FENDER LAMP (DUAL REAR WHEELS)

RIGHT REAR FENDER LAMP - BLACK 2 WAY

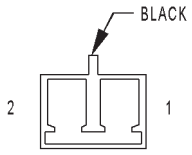
CAV	CIRCUIT	FUNCTION
1	L7 18BK/YL	HEADLAMP SWITCH OUTPUT
2	Z13 18BK	GROUND



RIGHT REAR SPEAKER (2 DOOR PREMIUM)

RIGHT REAR SPEAKER (2 DOOR PREMIUM) - BLACK 2 WAY

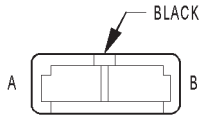
CAV	CIRCUIT	FUNCTION
1	X94 18TN/VT	AMPLIFIED LOW RIGHT REAR SPEAKER (+)
2	X92 18TN/BK	AMPLIFIED LOW RIGHT REAR SPEAKER (-)



RIGHT REAR SPEAKER (4 DOOR PREMIUM)

RIGHT REAR SPEAKER (4 DOOR PREMIUM) - BLACK 2 WAY

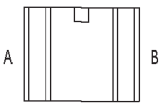
CAV	CIRCUIT	FUNCTION
1	X57 18BR/LB	AMPLIFIED LOW RIGHT REAR SPEAKER (-)
2	X51 18BR/YL	AMPLIFIED LOW RIGHT REAR SPEAKER (+)



RIGHT REAR SPEAKER (STANDARD 2 DOOR)

RIGHT REAR SPEAKER (STANDARD 2 DOOR) - BLACK 2 WAY

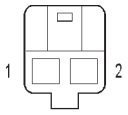
CAV	CIRCUIT	FUNCTION
A	X58 18DB/OR	RIGHT REAR SPEAKER (-)
B	X52 18DB/WT	RIGHT REAR SPEAKER (+)



RIGHT REAR SPEAKER (STANDARD 4 DOOR)

RIGHT REAR SPEAKER (STANDARD 4 DOOR) - 2 WAY

CAV	CIRCUIT	FUNCTION
A	X58 18DB/OR	RIGHT REAR SPEAKER (-)
B	X52 18DB/WT	RIGHT REAR SPEAKER (+)



RIGHT REMOTE RADIO SWITCH

RIGHT REMOTE RADIO SWITCH - 2 WAY

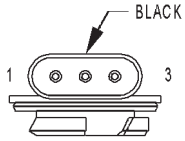
CAV	CIRCUIT	FUNCTION
1	Z2 22BK/LG	GROUND
2	X20 22RD/BK	RADIO CONTROL MUX



RIGHT SPEED CONTROL SWITCH

RIGHT SPEED CONTROL SWITCH - 2 WAY

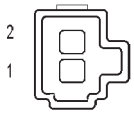
CAV	CIRCUIT	FUNCTION
1	K4 22WT	SENSOR GROUND
1	K4 22WT	SENSOR GROUND
2	V37 22DG/RD	SPEED CONTROL SWITCH SIGNAL



RIGHT TAIL/ STOP/TURN SIGNAL LAMP

RIGHT TAIL/STOP/TURN SIGNAL LAMP - BLACK 3 WAY

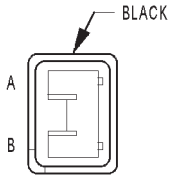
CAV	CIRCUIT	FUNCTION
1	Z13 18BK	GROUND
2	L7 18BK/YL	PARK LAMP RELAY OUTPUT
3	L62 18DG/BR	RIGHT TURN SIGNAL



RIGHT TWEETER
(PREMIUM)

RIGHT TWEETER (PREMIUM) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	X82 20LB/RD	AMPLIFIED HIGH RIGHT FRONT SPEAKER (+)
2	X80 20LB/BK	AMPLIFIED HIGH RIGHT FRONT SPEAKER (-)



RIGHT VISOR/VANITY
LAMP

RIGHT VISOR/VANITY LAMP - BLACK 2 WAY

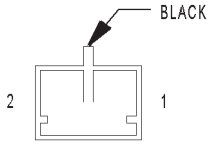
CAV	CIRCUIT	FUNCTION
A	M1 20PK	FUSED B(+)
B	Z4 20BK	GROUND



SEAT
BELT SWITCH
(CLUB CAB)

SEAT BELT SWITCH (CLUB CAB) - 2 WAY

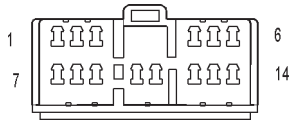
CAV	CIRCUIT	FUNCTION
1	Z2 20BK/LG	GROUND
2	G10 22LG/RD (HEATED SEATS)	SEAT BELT SWITCH SENSE
2	G10 20LG/RD (MANUAL NON-HEATED SEATS)	SEAT BELT SWITCH SENSE



SEAT BELT
SWITCH
(STANDARD CAB)

SEAT BELT SWITCH (STANDARD CAB) - BLACK 2 WAY

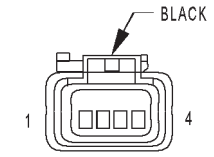
CAV	CIRCUIT	FUNCTION
1	Z2 20BK/LG	GROUND
2	G10 20LG/RD	SEAT BELT SWITCH SENSE



SEAT
HEAT
INTERFACE
MODULE

SEAT HEAT INTERFACE MODULE - 14 WAY

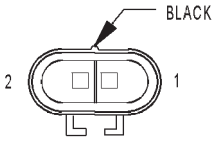
CAV	CIRCUIT	FUNCTION
1	P7 20LB/BK	DRIVER HEATED SEAT SWITCH
2	P144 20BK/WT	SEAT TEMPERATURE 5V SUPPLY
3	P130 16TN	RIGHT SEAT HEATER B(+) DRIVER
4	F235 16RD	B(+) TO HEATED SEAT MODULE
5	P131 16RD/DG	LEFT SEAT HEATER B(+) DRIVER
6	F235 16RD	B(+) TO HEATED SEAT MODULE
7	P142 22DB	RIGHT SEAT TEMPERATURE SENSOR INPUT
8	P141 20TN/LB	LEFT SEAT TEMPERATURE SENSOR INPUT
9	P8 20LB/WT	PASSENGER HEATED SEAT SWITCH
10	P138 20VT/LG	RIGHT SEAT LOW HEAT LED DRIVER
11	P140 20VT/BK	RIGHT SEAT HIGH HEAT LED DRIVER
12	P137 20DG	LEFT SEAT LOW HEAT LED DRIVER
13	Z2 18BK/LG	GROUND
14	P139 20WT	LEFT SEAT HIGH HEAT LED DRIVER



SPEED
CONTROL SERVO

SPEED CONTROL SERVO - BLACK 4 WAY

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



TAILGATE LAMP
(DUAL REAR WHEELS)

TAILGATE LAMP (DUAL REAR WHEELS) - BLACK 2 WAY

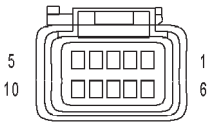
CAV	CIRCUIT	FUNCTION
1	Z13 18BK	GROUND
2	L7 18BK/YL	HEADLAMP SWITCH OUTPUT



THROTTLE
POSITION SENSOR
(GAS)

THROTTLE POSITION SENSOR (GAS) - 3 WAY

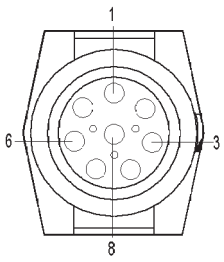
CAV	CIRCUIT	FUNCTION
1	K6 20VT/WT	5V OUTPUT
2	K22 18OR/DB	THROTTLE POSITION SENSOR SIGNAL
3	K4 20BK/LB	SENSOR GROUND



TRAILER TOW
CONNECTOR

TRAILER TOW CONNECTOR - 10 WAY

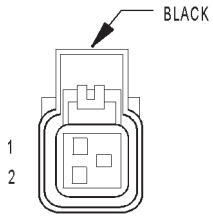
CAV	CIRCUIT	FUNCTION
1	-	-
2	L62 16BR/RD	RIGHT TURN SIGNAL
3	L1 18VT/BK	BACK-UP LAMP FEED
4	A6 14RD/OR	FUSED B(+)
5	L76 14BK/OR	TRAILER TOW RELAY OUTPUT
6	-	-
7	B40 14LB	TRAILER TOW BRAKE B(+)
8	Z13 14BK	GROUND
9	Z13 14BK	GROUND
10	L63 16DG/RD	LEFT TURN SIGNAL



TRANSMISSION
SOLENOID ASSEMBLY

TRANSMISSION SOLENOID ASSEMBLY - 8 WAY

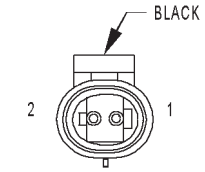
CAV	CIRCUIT	FUNCTION
1	T16 18RD	TRANSMISSION CONTROL RELAY OUTPUT
2	K7 18OR	5V SUPPLY
3	K4 18BK/LB	SENSOR GROUND
4	T25 18LG/WT	GOVERNOR PRESSURE SENSOR SIGNAL
5	K88 18VT/WT	GOVERNOR PRESSURE SOLENOID CONTROL
6	T60 18BR	3-4 SHIFT SOLENOID CONTROL
7	K54 18OR/BK	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
8	T54 18VT	TRANSMISSION TEMPERATURE SENSOR SIGNAL



UNDERHOOD LAMP

UNDERHOOD LAMP - BLACK 2 WAY

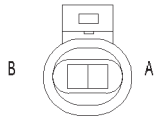
CAV	CIRCUIT	FUNCTION
1	Z1 20BK	GROUND
2	M1 20PK	FUSED B(+)



WASHER FLUID LEVEL SWITCH

WASHER FLUID LEVEL SWITCH - BLACK 2 WAY

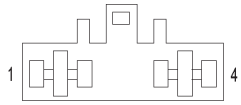
CAV	CIRCUIT	FUNCTION
1	G29 18BK/WT	WASHER FLUID SWITCH SENSE
2	Z1 18BK	GROUND



WATER IN FUEL SENSOR (DIESEL)

WATER IN FUEL SENSOR (DIESEL) - 2 WAY

CAV	CIRCUIT	FUNCTION
A	K104 18BK/LB	SENSOR GROUND
B	K1 18DG/RD	WATER IN FUEL SENSOR SIGNAL



WIPER MOTOR

WIPER MOTOR - 4 WAY

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

8W-91 CONNECTOR/GROUND/SPLICE LOCATION

TABLE OF CONTENTS

page

CONNECTOR/GROUND/SPLICE LOCATION
DESCRIPTION 1

CONNECTOR/GROUND/SPLICE LOCATION

DESCRIPTION

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

CONNECTORS

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
4WD Switch	BK	On Front Axle	N/S
A/C Compressor Clutch	BK	Rear of A/C Compressor	7, 8, 11
A/C Heater Control	BK	Center of Instrument Panel	33
A/C Heater Temperature Select	NAT	Center of Instrument Panel	33
A/C High Pressure Switch	BK	At A/C Compressor	7, 8, 11
A/C Low Pressure Switch	BK	Top of A/C Accumulator	1, 3
Accelerator Pedal Position Sensor (Diesel)		Left Front of Engine	13, 14
Aftermarket Trailer Tow Connector		Rear of Vehicle	N/S
Airbag Control Module		Center of I.P. at Airbag Control Module	30
Ambient Temperature Sensor	BK	Radiator Left Support	N/S
Ash Receiver Lamp	BK	Center of Instrument Panel	34
Back-up Lamp Switch (M/T)	BK	Top of Transmission	16
Battery Temperature Sensor	BK	Below Battery Tray	21
Blend Door Actuator		Center of Instrument Panel	N/S
Blower Motor	BK	Bottom Right of Instrument Panel	30
Blower Motor Resistor Block	BK	Bottom Right of Instrument Panel	34
Brake Lamp Switch		Brake Pedal Arm	30, 32
Brake Pressure Switch	BK	At Master Cylinder	18
Bypass Jumper (A/T)	GN	Top Of Clutch Pedal	35
C105		Rear of Front Bumper	N/S
C106	BK	Rear of Front Bumper	22
C114	BK	Radiator Left Support	20
C125 (Diesel)	BK	Left Rear of Engine Compartment	3

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
C126 (Diesel)	GY	Left Rear of Engine Compartment	3
C129	BK	Above Left Front Body Cushion	20, 29
C130		At Power Distribution Center	1, 3
C134	BK	Left Cowl	30, 33, 35
C203		Left Cowl	30, 33
C205		Instrument Panel Center Support	N/S
C206		Left Cowl	25, 30, 33
C237		Bottom Right of Instrument Panel	30, 34
C303	BK	Below Driver's Seat	23
C308		Center Rear of Headliner	N/S
C329	BK	Below Right Tail Lamp	27
C333	BK	Below Left Tail Lamp	27
C342	BK	Left Rear of Frame	27
C343	BK	Left Rear of Frame	27
C344 (Dual Rear Wheels)	BK	Left Rear of Frame	N/S
C345		Right Door	N/S
C346		Right Door	N/S
C347		Left Door	25
C348		Left Door	25
C352	WT	Left A-Pillar	25
C353	WT	Right A-Pillar	25
C358	NAT	Left Side Instrument Panel	25, 30, 33, 35
C359		Heated Seat To Body Wiring	23
C360		Below Driver's Seat	23
C361		Left Rear Speaker Wiring	N/S
C364		Right Rear Speaker Wiring	N/S
C365		Under Passenger Power Seat	N/S
Camshaft Position Sensor (V8)	GY	Near of Distributor	5
Camshaft Position Sensor (V10)	GY	Front of Engine	8
Camshaft Position Sensor (Diesel)		Left Front of Engine	13
Cargo Lamp No. 1	BK	Rear of Lamp	N/S
Cargo Lamp No. 2	BK	Rear of Lamp	N/S
Center High Mounted Stop Lamp No. 1	BK	Rear of Cab	23
Center High Mounted Stop Lamp No. 2	BK	Rear of Cab	23
Center Identification Lamp	BK	Behind Front of Headliner	25
Central Timer Module C1		Left Side Under Instrument Panel	30, 32
Central Timer Module C2		Left Side Under Instrument Panel	30, 32
Cigar Lighter	NAT	Center of Instrument Panel	33

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
Clockspring C1		Steering Column	32
Clockspring C2		Steering Column	32
Clockspring C3		Steering Column	32
Clutch Pedal Position Switch (M/T)	BK	Top of Clutch Pedal	35
Controller Anti-Lock Brake C1	BK	Left Fender Side Shield	18
Controller Anti-Lock Brake C2 (ABS)	BK	Left Fender Side Shield	18
Crankshaft Position Sensor (V8)	BK	Rear of Engine Block	5
Crankshaft Position Sensor (V10	GY	Right Side of Engine Block	8
Cummins Bus (-)		Left Front of Engine	13
Cup Holder Lamp	BK	Center of Instrument Panel	30, 34
Data Link Connector	BK	Left Bottom of Instrument Panel	30, 32
Day/Night Mirror	BK	Day/Night Mirror	N/S
Daytime Running Lamp Module	BK	Left Fender Side Shield	18
Dome Lamp	BK	Rear of Cab	23
Driver Airbag	YL	Steering Wheel	N/S
Driver Cylinder Lock Switch	BK	In Door	24
Driver Door Ajar Switch	NAT	Door Jamb	N/S
Driver Door Lock Motor	BK	In Door	24
Driver Door Window/Lock Switch	BL	In Door	24
Driver Heated Seat Cushion	BL	Under Seat	N/S
Driver Heated Seat Switch	RD	Center of Instrument Panel	N/S
Driver Lumbar Motor		Under Seat	N/S
Driver Power Seat Front Vertical Motor	BK	Under Seat	N/S
Driver Power Seat Horizontal Motor	BK	Under Seat	N/S
Driver Power Seat Rear Vertical Motor	BK	Under Seat	N/S
Driver Power Seat Switch		At Seat	N/S
Driver Power Window Motor		In Door	24
EVAP/Purge Solenoid	BK	Right Fender Side Shield	22
Electric Brake Provision		Bottom Left of Instrument Panel	N/S
Engine Control Module (Diesel)		Left Side Engine	15
Engine Coolant Temperature Sensor (Diesel)	BK	Left Front of Cylinder Head (Diesel)	13
Engine Coolant Temperature Sensor (Gas)	BK	On Thermostat Housing	5, 8

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
Engine Oil Pressure Sensor (V8)	BK	Near Distributor	5
Engine Oil Pressure Sensor (V10)		Near Oil Filter	8
Engine Oil Pressure Sensor (Diesel)		Left Side of Engine	15
Fuel Heater (Diesel)		Left Side of Engine	13
Fuel Injection Pump (Diesel)		Left Side of Engine, Below ECM	13
Fuel Injector No.1	BK	At Fuel Injector	7
Fuel Injector No. 2	BK	At Fuel Injector	7, 8
Fuel Injector No. 3	BK	At Fuel Injector	7, 8
Fuel Injector No. 4	BK	At Fuel Injector	7, 8
Fuel Injector No. 5	BK	At Fuel Injector	7, 8
Fuel Injector No. 6	BK	At Fuel Injector	7, 8
Fuel Injector No. 7	BK	At Fuel Injector	7, 8
Fuel Injector No. 8	BK	At Fuel Injector	7, 8
Fuel Injector No. 9	BK	At Fuel Injector	8
Fuel Injector No. 10	BK	At Fuel Injector	8
Fuel Pump Module (Gas)	LTGY	At Frame Rail	29
Fuel Tank Module (Diesel)	LTGY	At Frame Rail	N/S
Fuel Transfer Pump (Diesel)		Left Rear of Engine Bottom of Pump	13
Generator	BK	Front of Engine	10, 11
Glove Box Lamp		At Glove Box	30
Headlamp Switch C1	BK	Left Side of Instrument Panel	30, 34
Headlamp Switch C2		Left Side of Instrument Panel	30, 34
Heated Mirror Switch		Center of Instrument Panel	33
High Note Horn	BK	Front Bumper Right Support	22
Idle Air Control Motor	BK	On Throttle Body	12
Ignition Coil (5.9L)	GY	Right Front of Engine	7, 12
Ignition Coil 4 Pack (8.0L)	BK	Right Side of Engine	12
Ignition Coil 6 Pack (8.0L)	BK	Right Side of Engine	12
Ignition Switch C1	BK	Steering Column	32
Ignition Switch C2	GY	Steering Column	32
Instrument Cluster C1		Rear of Instrument Cluster	30
Instrument Cluster C2		Rear of Instrument Cluster	30
Intake Air Heater Relay (Diesel)		Left Fender Side Shield	21
Intake Air Temperature Sensor (Diesel)		Left Rear of Engine	13
Intake Air Temperature Sensor (Gas)	BK	On Intake Manifold	7, 8
Joint Connector No. 1		In Power Distribution Center	N/S
Joint Connector No. 2		In Power Distribution Center	N/S

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
Joint Connector No. 5	NAT	Left Side of Instrument Panel	32
Joint Connector No. 6	NAT	Left Side of Instrument Pane	32
Joint Connector No. 7	NAT	Left Side of Instrument Pane	32
Joint Connector No. 8	NAT	Center of Instrument Panel	30
Junction Block C1	BL	Left Cowl	35
Junction Block C2	NAT	Left Cowl	35
Junction Block C3		Left Cowl	25
Junction Block C4	BR	Left Cowl	33
Junction Block C5	GN	Left Cowl	33
Junction Block C6	BK	Left Cowl	33
Junction Block C7	LTGY	Left Cowl	33
Junction Block C8	OR	Left Cowl	33
Junction Block C9	NAT	Left Cowl	N/S
Leak Detection Pump (Gas)	BK	Right Fender Side Shield	22
Left Back-Up Lamp	GY	Rear of Lamp	N/S
Left Fog Lamp	WT	Rear of Fog Lamp	N/S
Left Front Door Speaker (Premium)	BK	In Door	24
Left Front Door Speaker (Standard)	BK	In Door	24
Left Front Fender Lamp	BK	On Fender	N/S
Left Front Wheel Speed Sensor (ABS)	BK	Left Fender Side Shield	18
Left Headlamp	BL	At Headlamp	N/S
Left License Lamp	BK	At Rear Bumper	N/S
Left Outboard Clearance Lamp	BK	Behind Front of Headliner	25
Left Outboard Headlamp	BL	At Headlamp	N/S
Left Outboard Identification Lamp	BK	Behind Front of Headliner	25
Left Park/Turn Signal Lamp	BK	At Lamp	N/S
Left Power Mirror	BK	In Door	24
Left Rear Fender Lamp	BK	On Fender	N/S
Left Rear Speaker (Premium)	BK	At B Pillar	23
Left Rear Speaker (Standard)		At B Pillar	23
Left Rear Door Speaker		In Door	23
Left Remote Radio Switch		Steering Wheel	N/S
Left Speed Control Switch		Steering Wheel	N/S
Left Tail/Stop Turn Signal Lamp	BK	At Rear Bumper	27
Left Tweeter (Premium)		Left A Pillar	N/S
Left Visor/Vanity Lamp	BK	Left A-Pillar	25, 26
License Lamps	BK	Rear Bumper	27

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
Low Note Horn	BK	Front Bumper Right Support	22
Manifold Absolute Pressure Sensor (V8)	BK	On Throttle Body	7
Manifold Absolute Pressure Sensor (V10)	BK	Top of Intake Manifold	12
Manifold Air Pressure Sensor (Diesel)	BK	Rear of Intake Manifold	13
Multi-Function Switch		On Steering Column	32
Output Speed Sensor	DKBL	Left Side of Transmission	16
Overdrive Switch		On Shift Lever Arm	N/S
Overhead Console	BK	Front of Headliner	25, 26
Oxygen Sensor 1/1 Left Bank Up (5.9L HD/8.0L)		Left Exhaust Manifold Downpipe	N/S
Oxygen Sensor 1/1 Upstream (A/T Except 8.0L)		Catalytic Converter Inlet Side	N/S
Oxygen Sensor 1/2 Downstream (A/T Except 8.0L)		Catalytic Converter Outlet Side	N/S
Oxygen Sensor 1/2 Left Bank Down (California)		Catalytic Converter Outlet Side	N/S
Oxygen Sensor 1/2 Pre-catalyst (8.0L)		Catalytic Converter Inlet Side	N/S
Oxygen Sensor 1/3 Post Catalyst (8.0L)		Catalytic Converter Outlet Side	N/S
Oxygen Sensor 2/1 Right Bank Up (5.9L, 5.9HD, 8.0L, CAL)		Right Exhaust Manifold Downpipe	N/S
Oxygen Sensor 2/2 Right Bank Down (California)		Catalytic Converter Outlet Side	N/S
Oxygen Sensor 1/1 Left Bank Up		Left Side of Engine	N/S
Oxygen Sensor 1/1 Upstream (M/T Except 8.0L)		Catalytic Converter Outlet Side	N/S
Park/Neutral Position Switch	BK	Left Side of Transmission	16
Passenger Airbag		At Glove Box	30, 34
Passenger Airbag On/Off Switch C1		Lower Right Side of Instrument Panel	30, 33
Passenger Airbag On/Off Switch C2		Lower Right Side of Instrument Panel	30, 33
Passenger Cylinder Lock Switch	LTGY	In Door	N/S
Passenger Door Ajar Switch	NAT	In Door	N/S
Passenger Door Lock Motor	BK	In Door	N/S
Passenger Door Window/ Lock Switch		In Door	N/S

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
Passenger Heated Seat Switch	BL	Center of Instrument Panel	N/S
Passenger Heated Seat Cushion		Under Seat	N/S
Passenger Lumbar Motor		Under Seat	N/S
Passenger Power Seat Front Vertical Motor		Under Seat	N/S
Passenger Power Seat Horizontal Motor		Under Seat	N/S
Passenger Power Seat Rear Vertical Motor		Under Seat	N/S
Passenger Power Seat Switch		At Seat	N/S
Passenger Power Window Motor		In Door	N/S
Power Mirror Switch		Driver Door	24
Power Outlet	BK	Center of I.P.	33
Powertrain Control Module C1	BK	Right Rear Engine Compartment	1, 3
Powertrain Control Module C2	WT	Right Rear Engine Compartment	1, 3
Powertrain Control Module C3	GY	Right Rear Engine Compartment	1, 3
Radio Choke Relay	BK	Instrument Panel Center support	30, 33
Radio C1	GY	Rear of Radio	33
Radio C2	BK	Rear of Radio	33
Radio C3	BK	Instrument Panel Center Support	33
Rear Wheel Speed Sensor (ABS)	BK	Left Frame Rail, Near Fuel Tank	27, 29
Right Back-Up Lamp	GY	Rear of Lamp	N/S
Right Fog Lamp	WT	Rear of Fog Lamp	N/S
Right Front Door Speaker(Premium	BK	In Door	N/S
Right Front Door Speaker(Standard	BK	In Door	N/SN/S
Right Front Fender Lamp	BK	On Fender	27
Right Front Wheel Speed Sensor (ABS)	BK	Right Fender Side Shield	22
Right Headlamp	BK	At Headlamp	N/S
Right License Lamp	BK	At Rear Bumper	N/S
Right Outboard Clearance Lamp	BK	Behind Front of Headliner	25
Right Outboard Headlamp		At Headlamp	N/S
Right Outboard Identification Lamp	BK	Behind Front of Headliner	25

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

CONNECTOR NAME/ NUMBER	COLOR	LOCATION	FIG.
Right Park/Turn Signal Lamp	BK	At Lamp	N/S
Right Power Mirror	BK	In Door	N/S
Right Rear Fender Lamp	BK	On Fender	27
Right Rear Speaker	BK	Bottom of Right B Pillar	23
Right Remote Radio Switch		Steering Wheel	N/S
Right Speed Control Switch		Steering Wheel	N/S
Right Tail/Stop Turn Signal Lamp	BK	At Rear Bumper	27
Right Tweeter (Premium)		Right A Pillar	N/S
Right Visor/Vanity Lamp	BK	Right A-Pillar	N/S
Seat Belt Switch	BK	Above Left Rear Speaker	23
Seat Heat Interface Module	BK	Under Seat	N/S
Tailgate Lamp		On Tailgate	27
Throttle Position Sensor (Gas)		Throttle Body	7, 12
Trailer Tow Connector	BK	On Trailer Hitch	27
Transmission Range Sensor	BK	Left side of Transmission	N/S
Transmission Solenoid Assembly	BK	Side of Transmission	16
Under Hood Lamp	BK	Underside of Hood	20
Vehicle Speed Control Servo	BK	Below Battery	21
Washer Fluid Level Switch	BK	At Reservoir	21
Water In Fuel Sensor (Diesel)	BK	Bottom of Fuel Filter/Water Separator	13
Windshield Washer Pump	BK	Bottom of Washer Fluid Reservior	21
Wiper Motor	BK	Center Rear Engine Compartment	18

GROUNDS

GROUND NUMBER	LOCATION	FIG.
G100	Left Fender Side Shield	21
G101	Left Fender Side Shield	21
G102	Left Fender Side Shield (RWAL Ground)	N/S
G103	Near T/O for Wiper Motor	18
G105	Front of Engine (Engine Ground)	7, 8, 12
G107 (Diesel)	Left Rear of Engine	13
G113 (Diesel)	Primary Battery Engine Ground	N/S
G114	Battery Engine Ground	N/S
G115 (Diesel)	Primary Battery Body Ground	N/S
G116	Battery Frame Ground	N/S
G117 (Diesel)	Auxilary Battery Engine Ground	N/S
G118 (Diesel)	Primary Frame Ground	N/S
G120 (Diesel)	Auxilary Battery Body Ground	N/S

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

GROUND NUMBER	LOCATION	FIG.
G200	Left Cowl	32
G201	Instrument Panel Right Center Support	30, 33
G300	Left Lower Cowl	25
G301	Below Left Rear Speaker	23
G302	At Overhead Console	25

SPLICES

SPLICE NUMBER	LOCATION	FIG.
S100	Engine Harness Near T/O to Oil Pressure Sensor	7
S102	Headlamp and Dash Harness, Near T/O to Right Park/Turn Lamp	22
S103	Headlamp and Dash Harness, Near T/O to Left Park/Turn Lamp	N/S
S104	Headlamp and Dash Harness, Near T/O to Left Front Headlamp	N/S
S105	Headlamp and Dash Harness, In Power Distribution Center	19
S106	Headlamp and Dash Harness, In Power Distribution Center	19
S107	Headlamp and Dash Harness, Near Left Wheel Speed Sensor	19
S108	Headlamp and Dash Harness, Near Daytime Running Lamp Module	19
S109	Battery Harness, In T/O for Engine and Transmission Ground	N/S
S110	Headlamp and Dash Harness, Near Left Wheel Speed Sensor	19
S111	Transmission Harness Near T/O to A/C Low Pressure Switch	4
S112	Headlamp and Dash Harness, Near Antilock Brake Controller	19
S113	Headlamp and Dash Harness, Near Antilock Brake Controller	19
S114	Headlamp and Dash Harness, In T/O to Chassis Harness	19
S116(V8)	Engine Harness, Near T/O to Fuel Injectors	2
S116 (V10)	Engine Harness Rear of Engine	2, 9
S116 (Diesel)	Transmission Harness, In T/O to Power Distribution Center	4
S117 (V8)	Engine Harness, Near T/O to Fuel Injectors	2
S117 (V10)	Engine Harness, Near T/O to fuel Injector No. 8	2, 9
S118 (V8)	Engine Harness, Near T/O to Fuel Injectors	2
S118 (V10)	Engine Harness, Rear of Engine	2, 9
S119 (V8)	Engine Harness, Near T/O to Fuel Injectors	2
S119 (V10)	Engine Harness, Rear of Engine	2, 9
S120 (V8)	Engine Harness, Near T/O to Fuel Injectors	2
S120 (V10)	Engine Harness, Rear of Engine	2, 9, 17
S120 (Diesel)	Transmission Harness, Near T/O to A/C Low Pressure Switch	4
S121 (V8)	Engine Harness, Near T/O to Fuel Injector No. 5	7
S121 (V10)	Engine Harness, Near T/O to Fuel Injector No. 7	9
S122 (V8)	Engine Harness, Top of Transmission	6
S122 (V10)	Engine Harness, In T/O to Transmission	N/S
S123 (V8)	Engine Harness, Near T/O to Fuel Injector No. 3	7
S123 (V10)	Engine Harness, Near T/O to Fuel Injector No. 3	9

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

SPLICE NUMBER	LOCATION	FIG.
S124 (V8)	Engine Harness, Top of Transmission	6
S124 (V10)	Engine Harness, In T/O to Transmission	N/S
S126 (V8)	Engine Harness, Near T/O to Fuel Injector No. 1	7
S126 (V10)	Engine Harness, Near T/O to Engine Ground	9, 17
S126 (Diesel)	Transmission Harness, Near T/O to Powertrain Control Module	4
S127 (V8)	Engine Harness, on Top of Transmission	6
S127 (V10)	Engine Harness, Near T/O to Transmission	17
S127 (Diesel)	Transmission Harness, Near T/O to A/C Low Pressure Switch	4
S128 (Diesel)	Transmission Harness, Near T/O to Power Distribution Center	4
S130 (V8)	Engine Harness, Near T/O to Oil Pressure Sensor	7
S131 (V10)	Engine Harness, Rear of Engine	9
S134	Fog Lamp Harness, In T/O to Right Fog Lamp	N/S
S136	Fog Lamp Harness, In T/O to Right Fog Lamp	N/S
S141	Headlamp and Dash Harness, Near T/O to Joint Connector No. 3	22
S143	Headlamp and Dash Harness, Near T/O to Power Distribution Center	19
S144	Headlamp and Dash Harness, Near T/O to Joint Connector No. 3	22
S150	Front Bumper Right Support	22
S151	Left Front Engine Compartment	21
S152	Near Left Front Wheel Speed Sensor	
S160 (Diesel)	Engine Harness, Near Fuel Transfer Pump	N/S
S161 (Diesel)	Transmission Harness, In T/O to Power Distribution Center	4
S164 (Diesel)	Engine Harness, Near Fuel Transfer Pump	N/S
S165 (Diesel)	Engine Harness, Near Engine Control Module	N/S
S166 (Diesel)	Engine Harness, Near Engine Control Module	N/S
S167 (Diesel)	Engine Harness, Near Fuel Transfer Pump	N/S
S168 (Diesel)	Engine Harness, Near T/O to Engine Coolant Temoerature Sensor	N/S
S170 (Diesel)	Engine Harness, In T/O to Engine Control Module	N/S
S171	Transmission Harness, In T/O to Power Distribution Cente	4
S172 (Diesel)	Transmission Harness, Near T/O to A/C Low Pressure Switch	4
S173 (Diesel)	Transmission Harness, Near T/O to A/C Low Pressure Switch	4
S174 (Diesel)	Transmission Harness, In T/O to Power Distribution Center	4
S175	Transmission Harness, In T/O to Power Distribution Center	4
S176	Headlamp and Dash Harness, In Power Distribution Center	19
S177	Headlamp and Dash Harness, In T/O to Daytime Running Lamps Module	19
S179	Transmission Harness, In T/O to Power Distribution Center	4
S180	Headlamp and Dash Harness, Near Intake Air Heater Relay	22
S181	Headlamp and Dash Harness, Near Intake Air Heater Relay	22
S182	Headlamp and Dash Harness, In T/O to Daytime Running Lamps Module	19
S183	Headlamp and Dash Harness, In Power Distribution Center	19

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

SPLICE NUMBER	LOCATION	FIG.
S184 (Diesel)	Engine Harnes, in T/O to Engine Control Module	N/S
S202	Instrument Panel Harness, Near Overdrive Switch	31
S203	Instrument Panel Harness, Near Overdrive Switch	31
S204	instrument Panel Harness, In T/O to Cup Holder Lamp	31
S207	Instrument Panel Harness, Near Blower Motor	31
S209	Steering Wheel Harness, Near Remote Radio Switch	N/S
S210	Steering Wheel Harness, Near Remote Radio Switch	N/S
S300	Body Harness, Left Side Instrument Panel	36
S301	Body Harness, Left Side Instrument Panel	36
S302	Body Harness, Left Side Instrument Panel	36
S303	Body Harness, Left Side Instrument Panel	36
S304	Body Harness, Left Side Instrument Panel	36
S305	Body Harness, Right Side Instrument Panel	N/S
S306	Body Harness, Left Side Instrument Panel	36
S307	Body Harness, Left Cowl	36
S308	Body Harness, Left Cowl	36
S310	At Left Body Ground	N/S
S311	At Left Body Ground	N/S
S313	Left Rear Frame Rail	28
S314	Left Rear Frame Rail	N/S
S315	Left Rear Frame Rail	N/S
S316	Left Rear Frame Rail	28
S317	Left Rear Frame Rail	28
S318	In T/O to Trailer Tow	28
S319	In T/O to Left Rear Lamps	28
S320	In T/O to Trailer Tow	28
S321	In T/O to Left Rear Lamps	28
S322	Overhead Console Harness, At Roof Lamps	26
S323	Overhead Console Harness, At Roof Lamps	26
S324	Overhead Console Harness, At Roof Lamps	26
S325	Overhead Console Harness, At Roof Lamps	26
S326	Overhead Console Harness, At Roof Lamps	26
S327	Power Seat Harness, Near Switch	N/S
S328	Power Seat Harness, Near T/O to Body Wiring	N/S
S329	Door Harness, Near Left Door Near Grommet	N/S
S330	Door Harness, Near Right Door Near Grommet	N/S
S331	Chassis Harness, Near T/O to Fuel Pump Module	28
S332	Body Harness, Left Side Instrument Panel	36
S333	Power Seat Harness, Near T/O to Passenger Seat Jumper	N/S
S335	Power Seat harness, Near T/O to Body Wiring	N/S
S336	Power Seat Harness, Under Passenger Seat	N/S

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

SPLICE NUMBER	LOCATION	FIG.
S337	Power Seat Harness, Under Passenger Seat	N/S
S340	Overhead Console Harness, At Roof Lamps	26
S401	Tail/Stop/Turn and Back-up Lamp Harness, Near T/O to Left Back-up Lamp	N/S
S402	Tail/Stop/Turn and Back-up Lamp Harness, Near T/O to Right Back-up Lamp	N/S
S404	Fender Lamp Harness, Near T/O to Tailgate Lamp	N/S
S406	Fender Lamp Harness, Near T/O to Tailgate Lamp	N/S

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

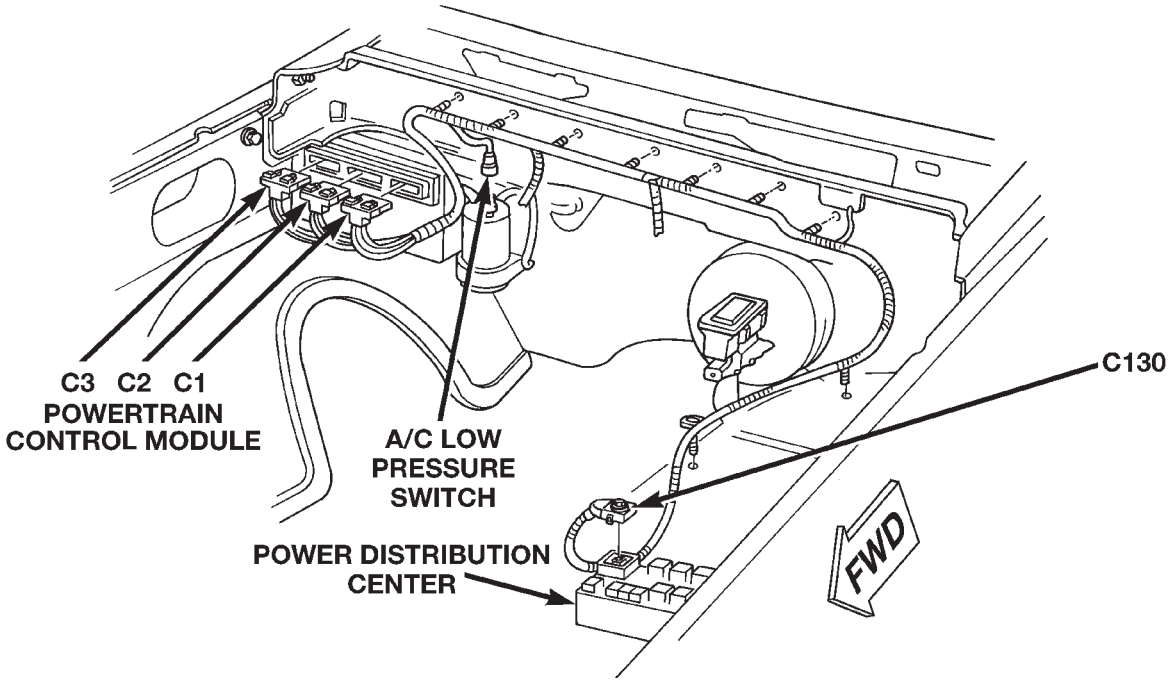
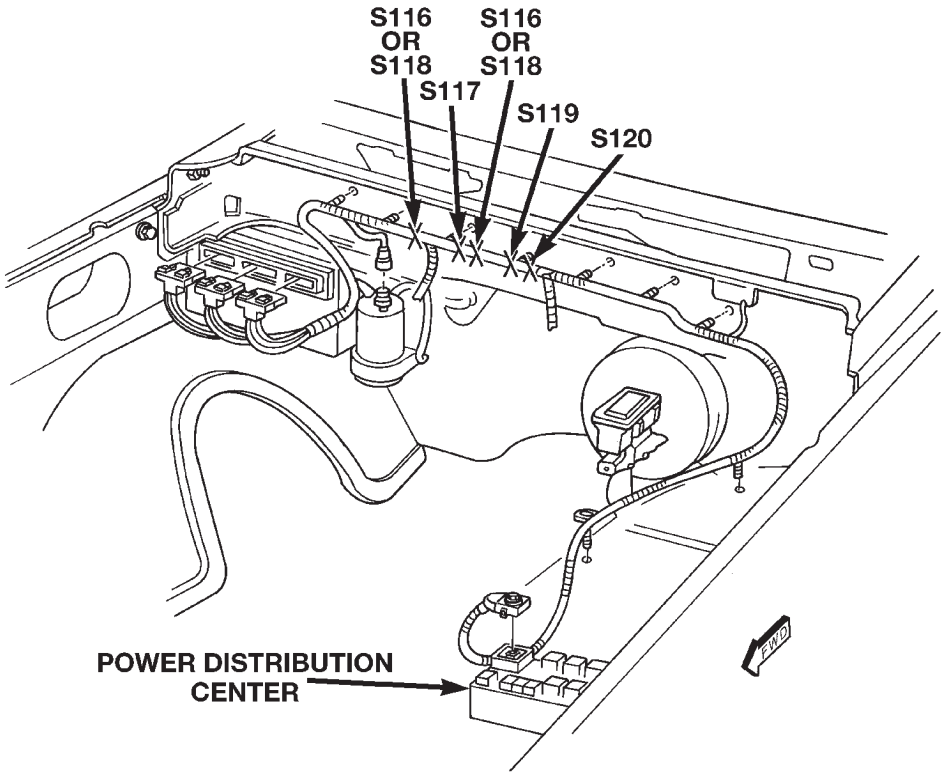


Fig. 1 ENGINE COMPARTMENT (GAS)

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Fig. 2 DASH PANEL (GAS ENGINES)

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

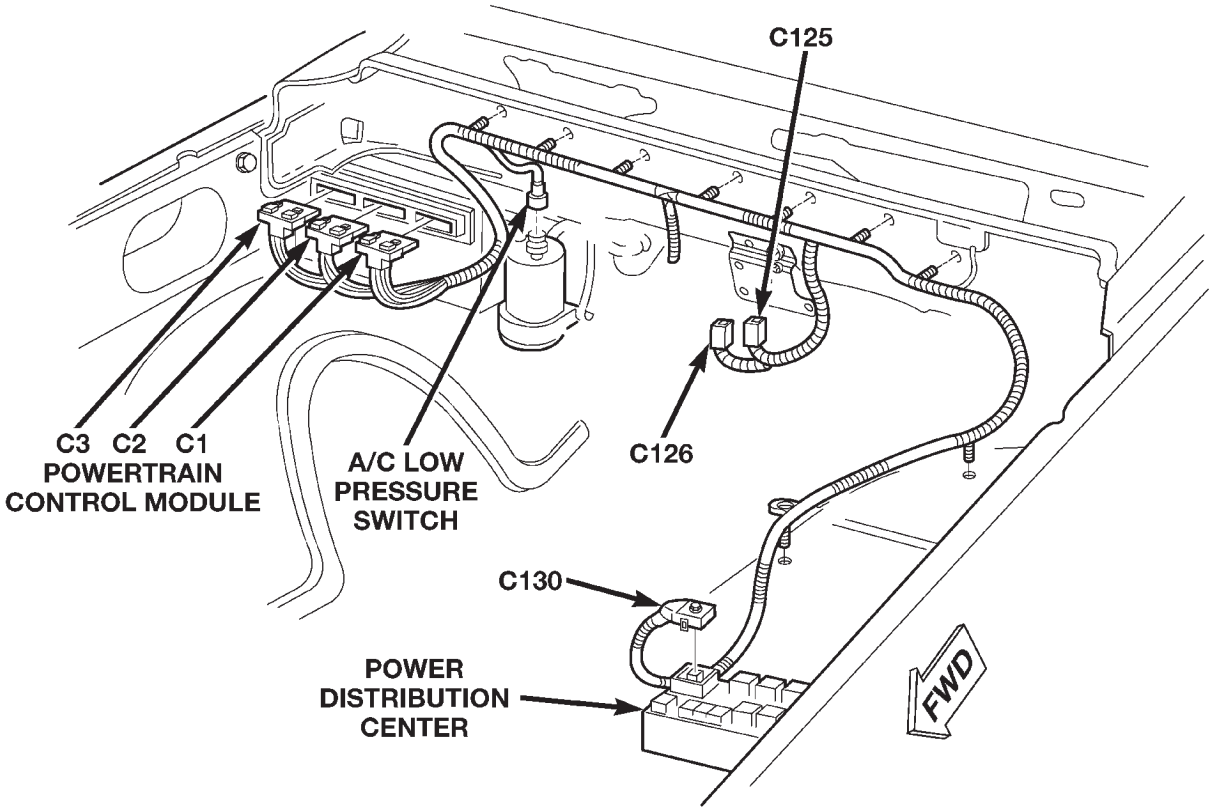


Fig. 3 ENGINE COMPARTMENT (DIESEL ENGINE)

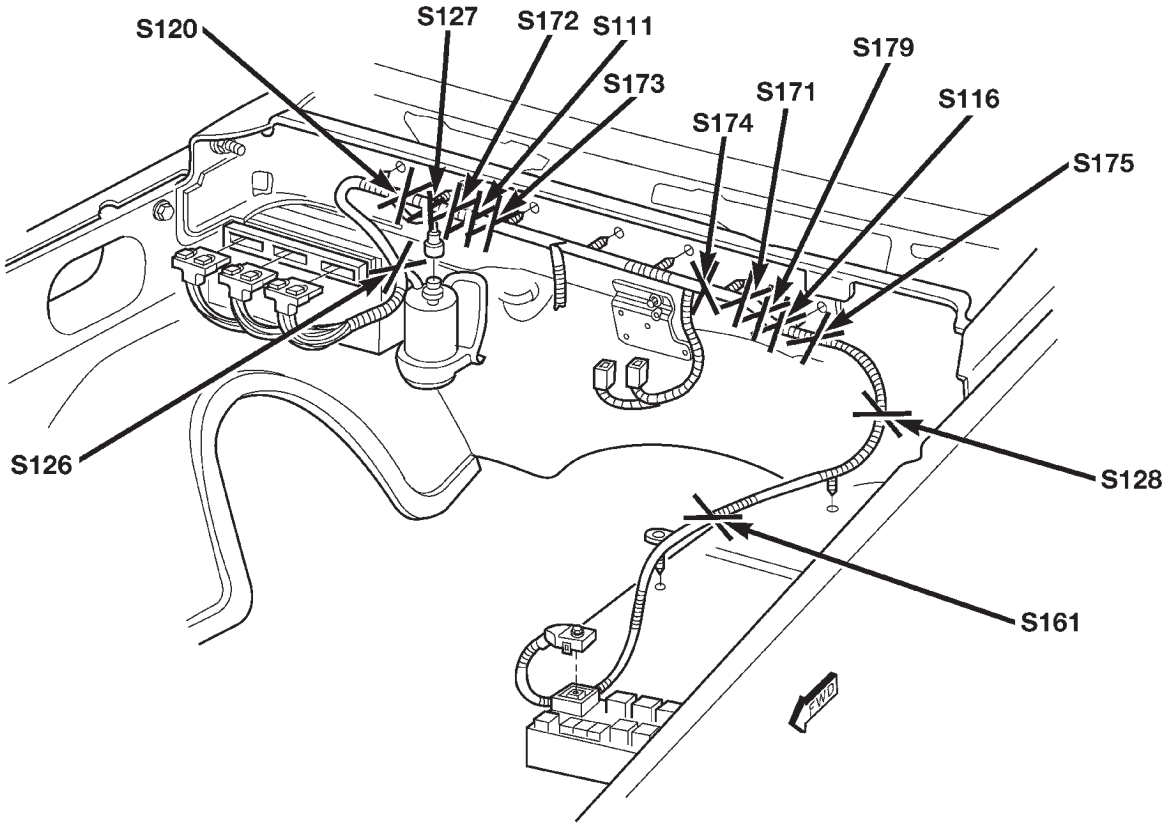


Fig. 4 DASH PANEL (DIESEL ENGINE)

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

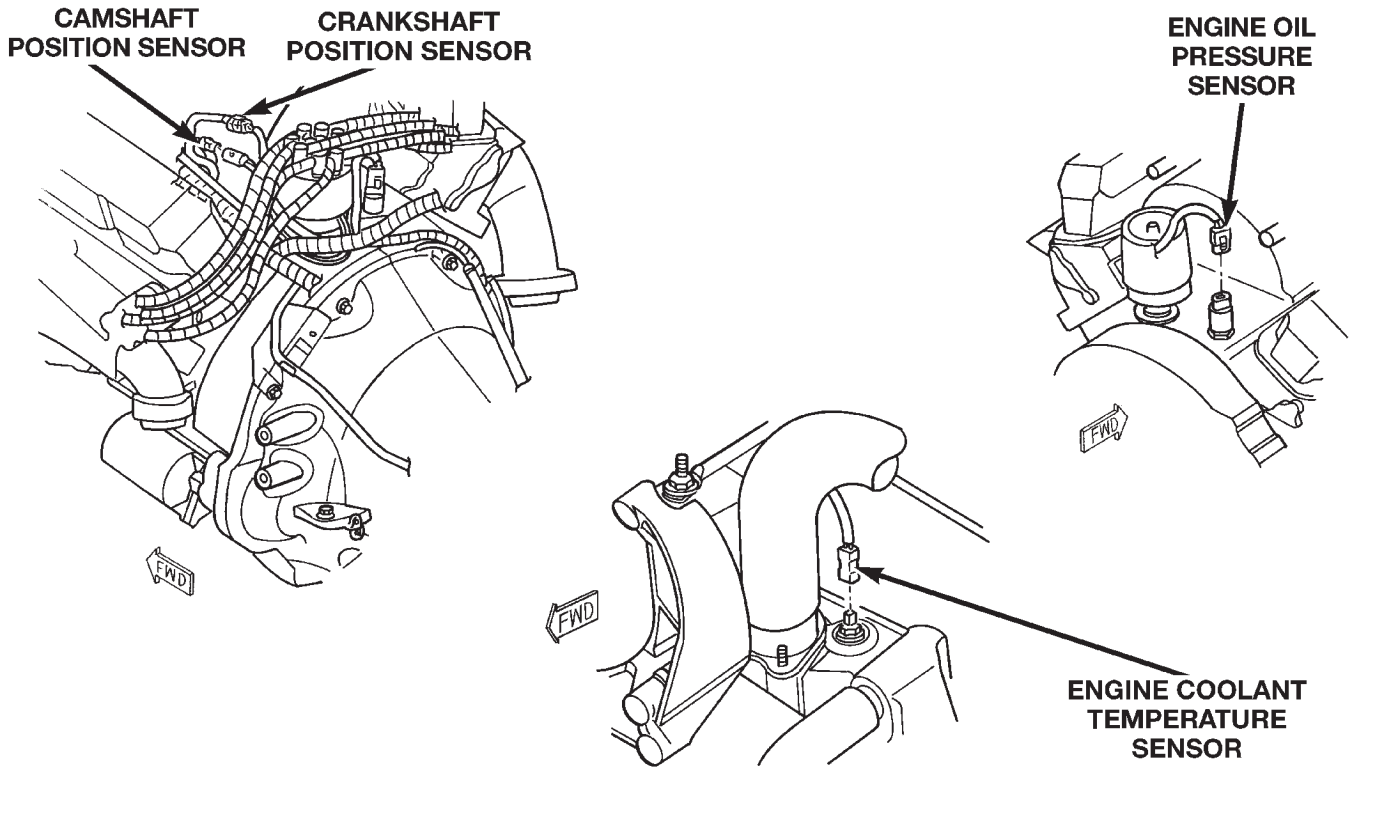


Fig. 5 5.9 LITER ENGINE

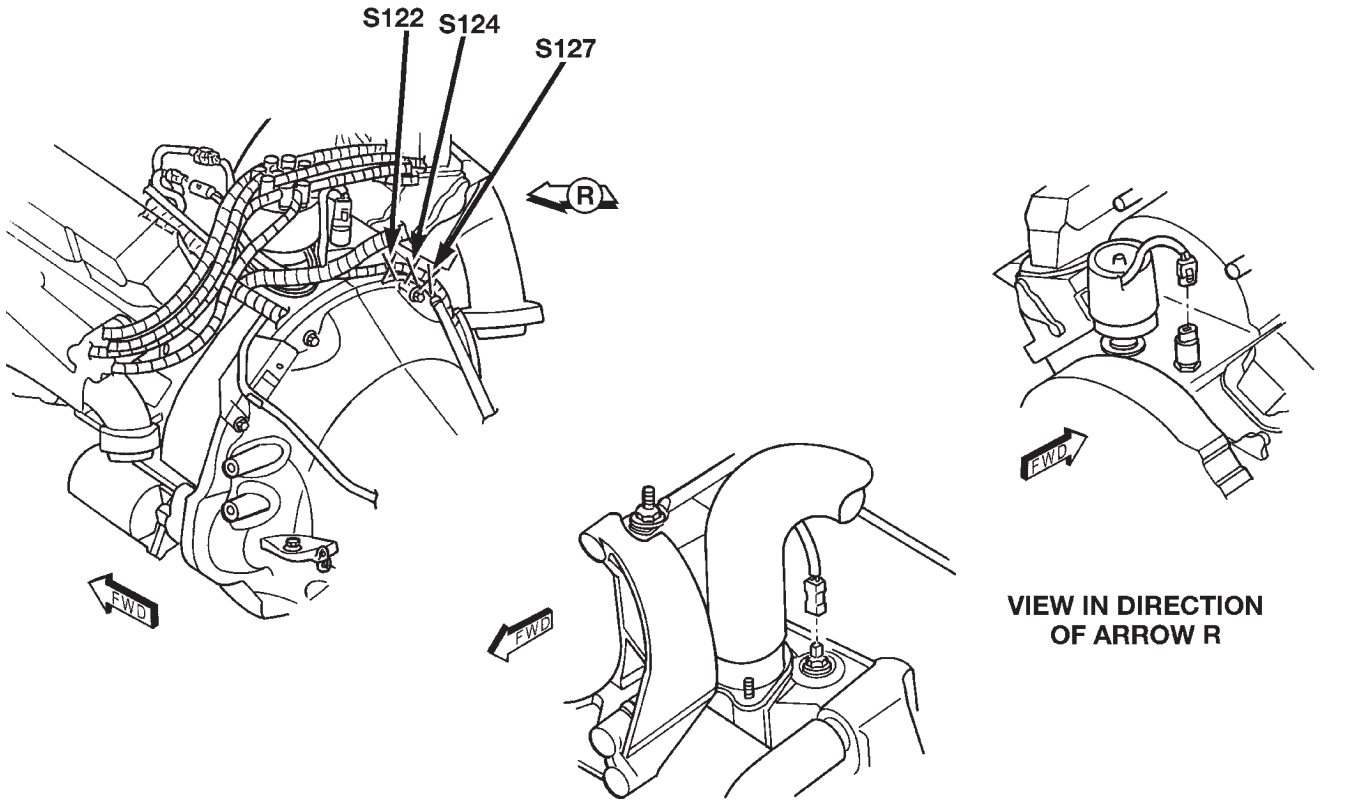


Fig. 6 5.9 LITER ENGINE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

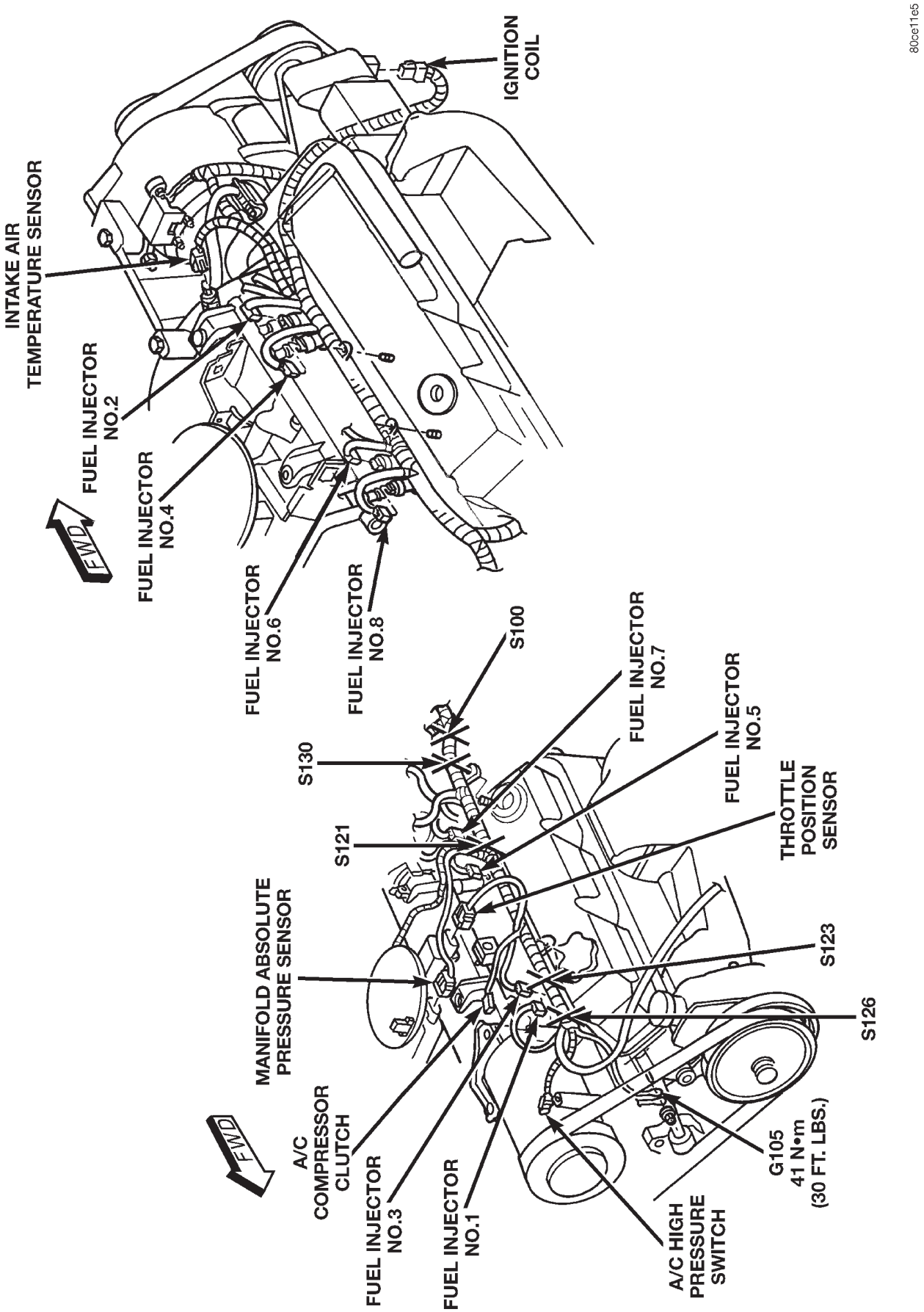


Fig. 7 5.9 LITER ENGINE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

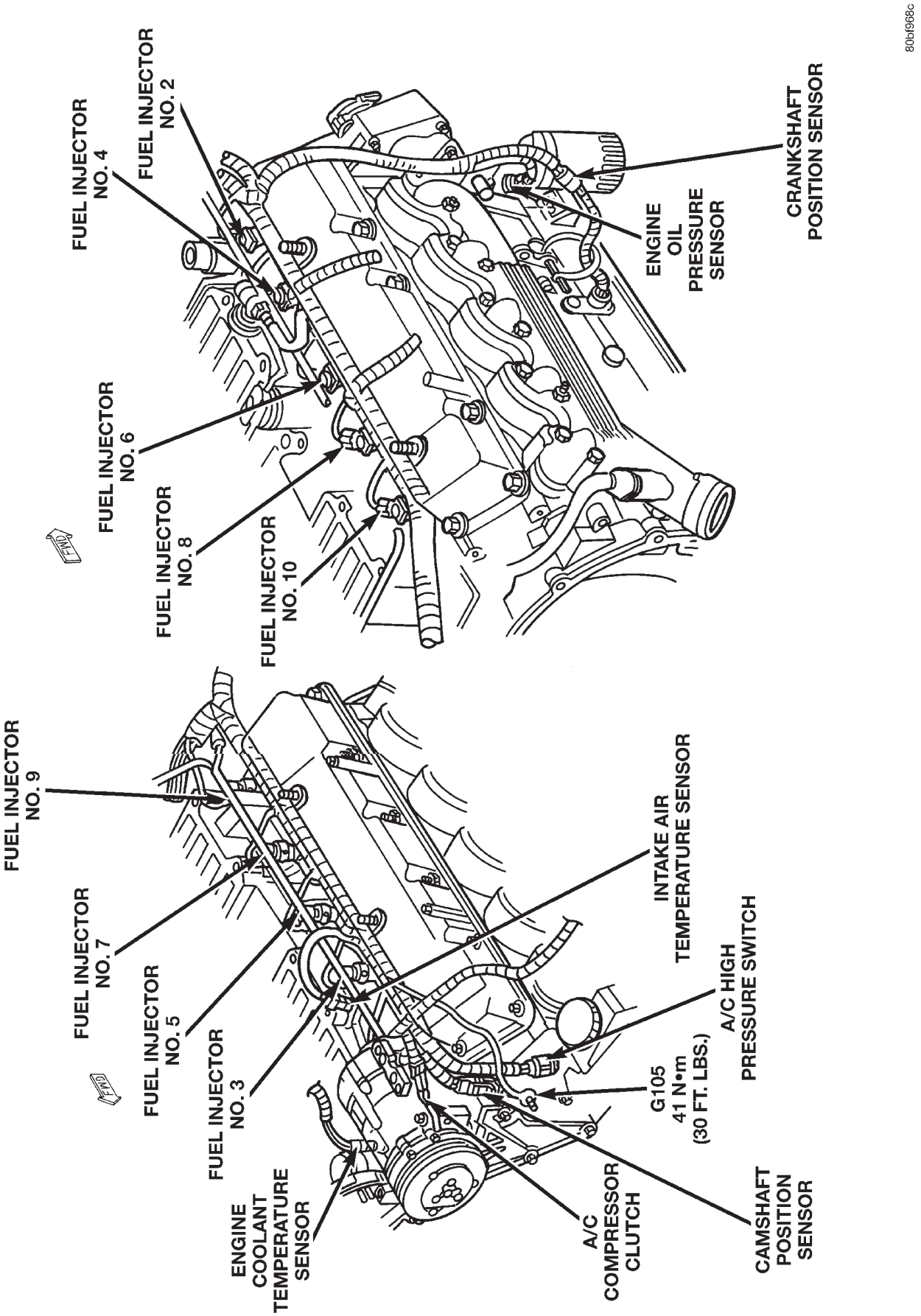


Fig. 8 8.0 LITER ENGINE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

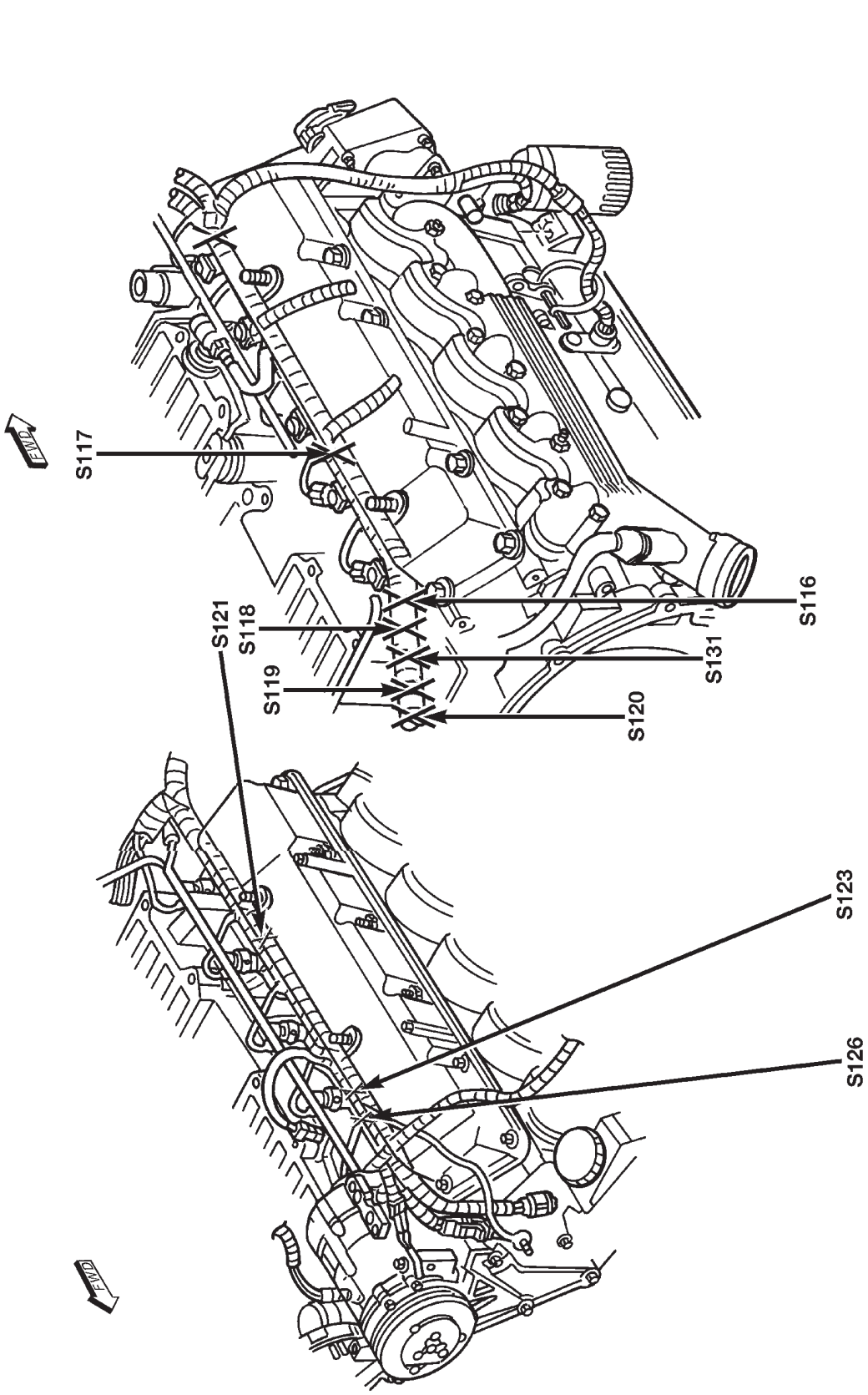


Fig. 9 8.0 LITER ENGINE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

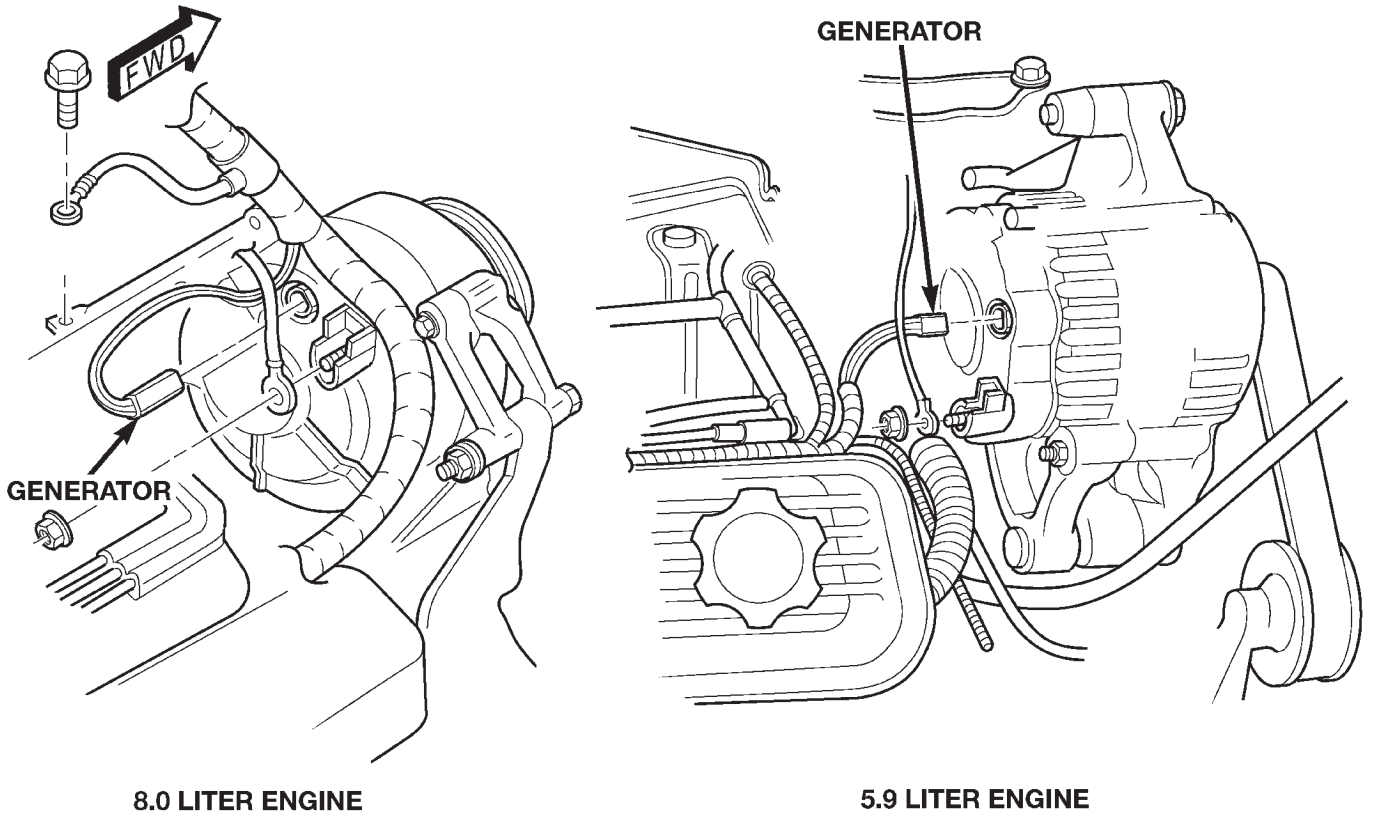


Fig. 10 GENERATOR (GAS ENGINE)

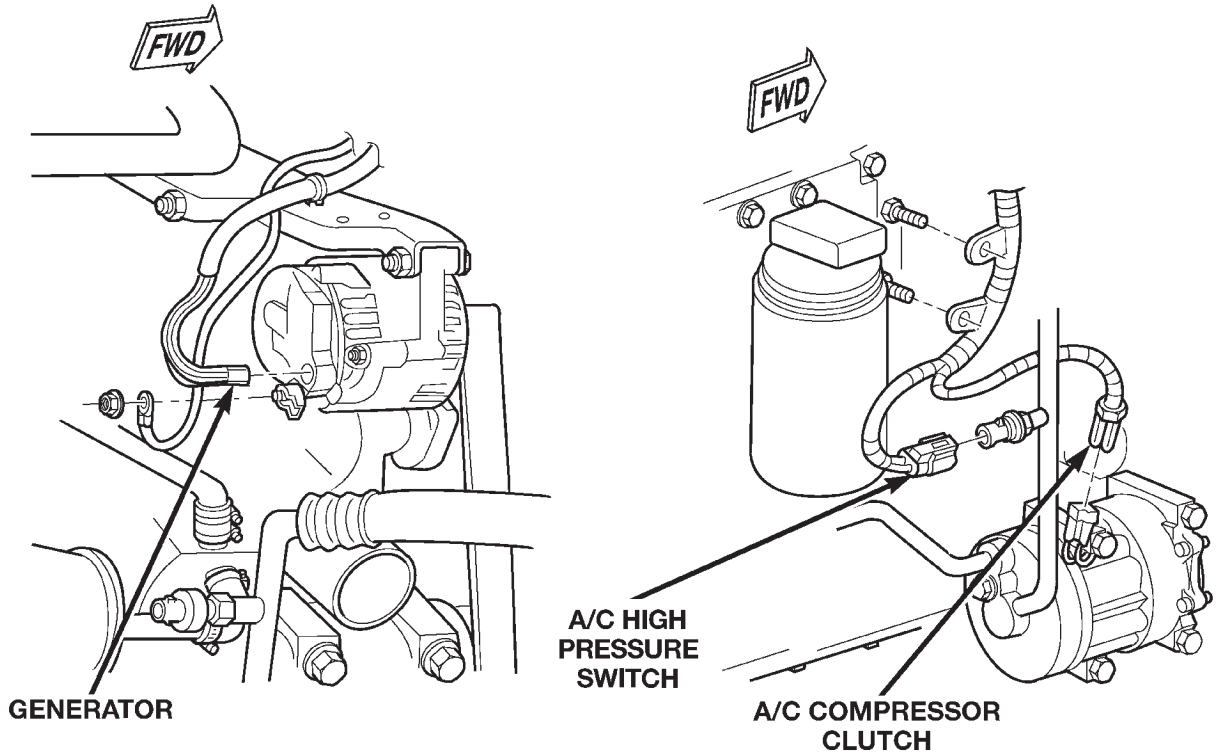


Fig. 11 GENERATOR (DIESEL ENGINE)

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

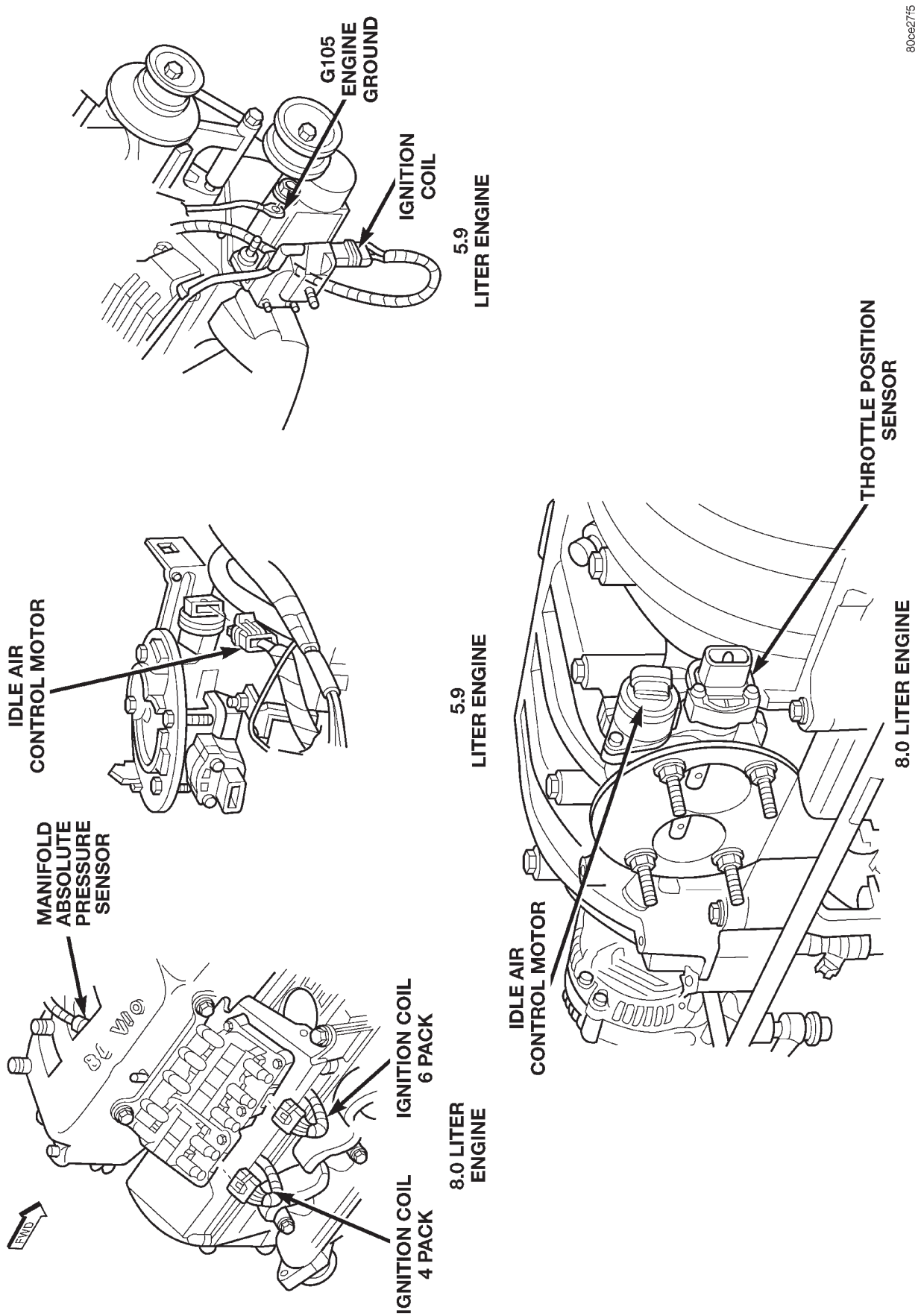


Fig. 12 IGNITION COIL (GAS ENGINE)

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

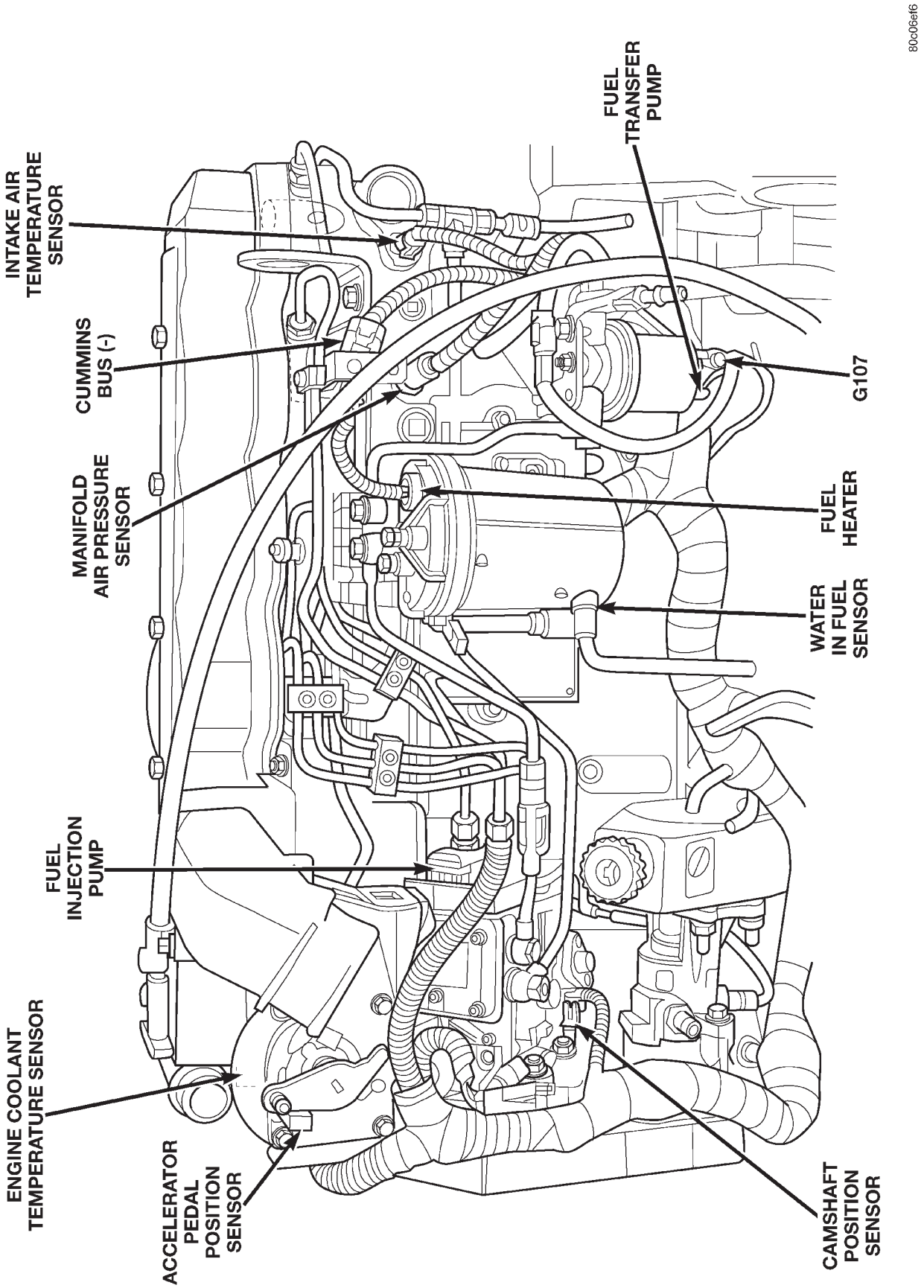
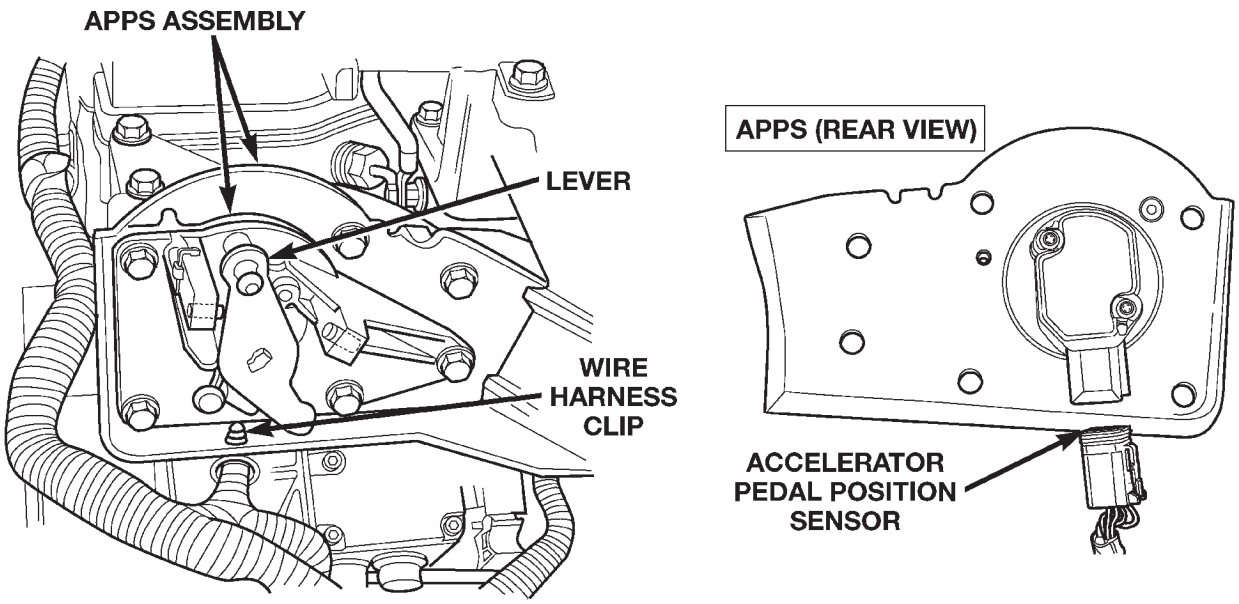


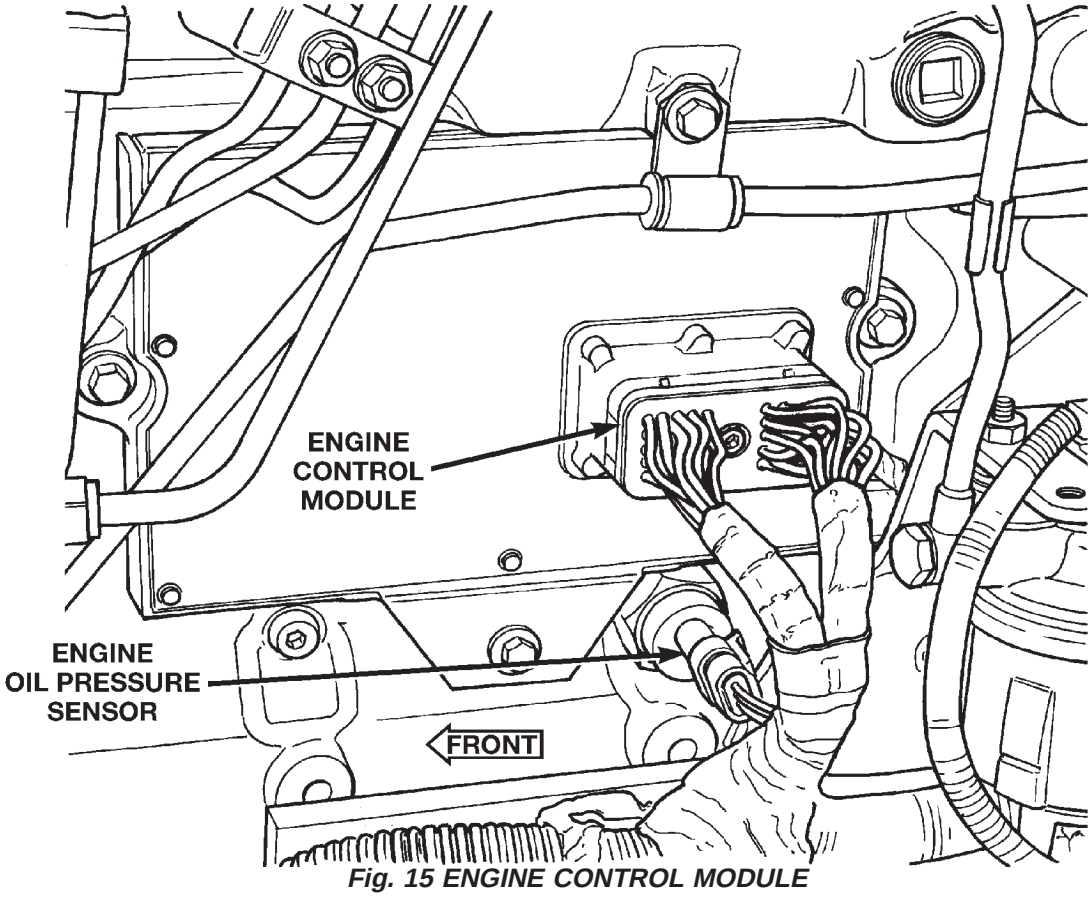
Fig. 13 DIESEL COMPONENTS

CONNECTOR/GROUND/SPLICE LOCATION (Continued)



80b46c2c

Fig. 14 ACCELERATOR PEDAL POSITION SENSOR



80be47b4

Fig. 15 ENGINE CONTROL MODULE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

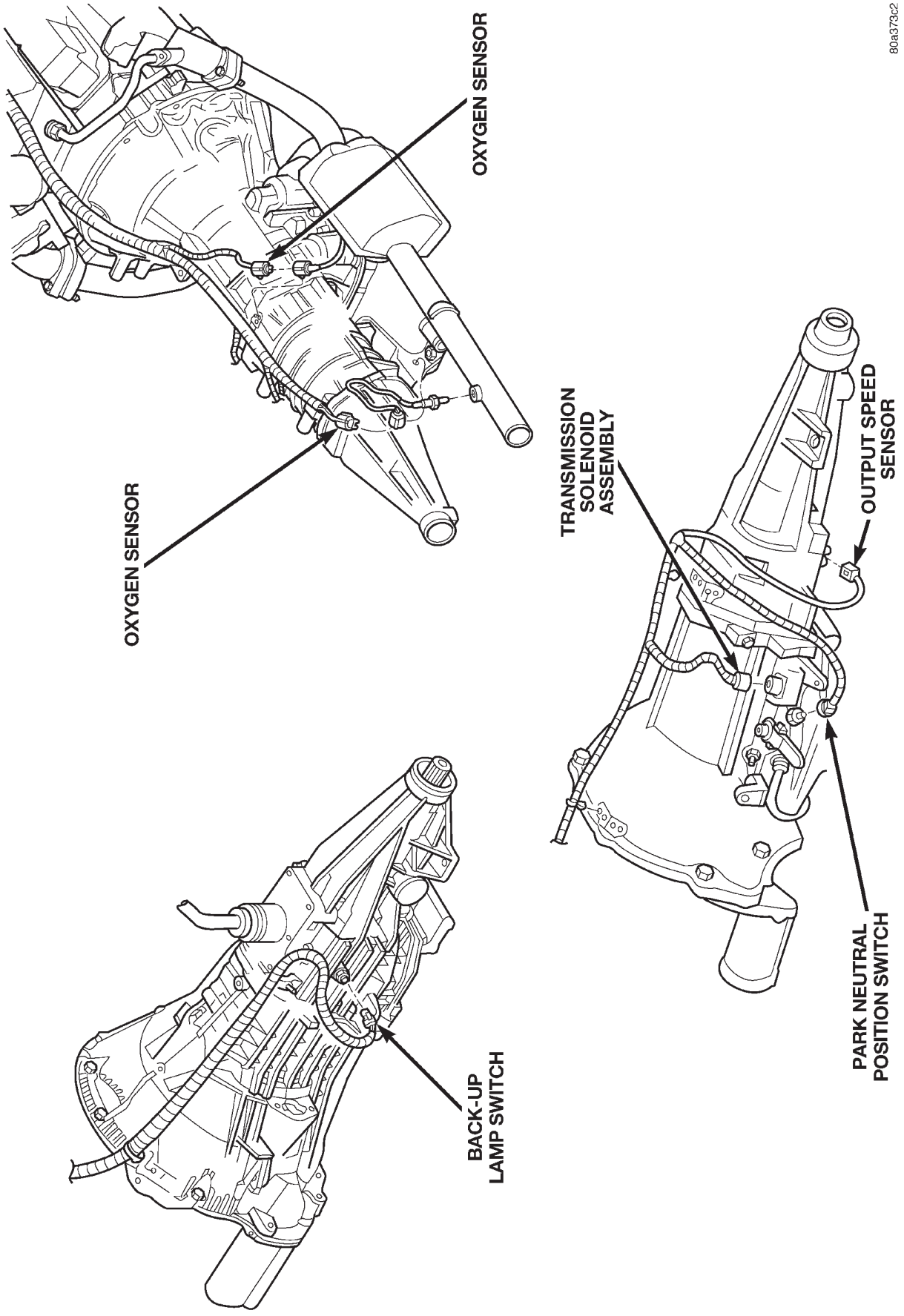
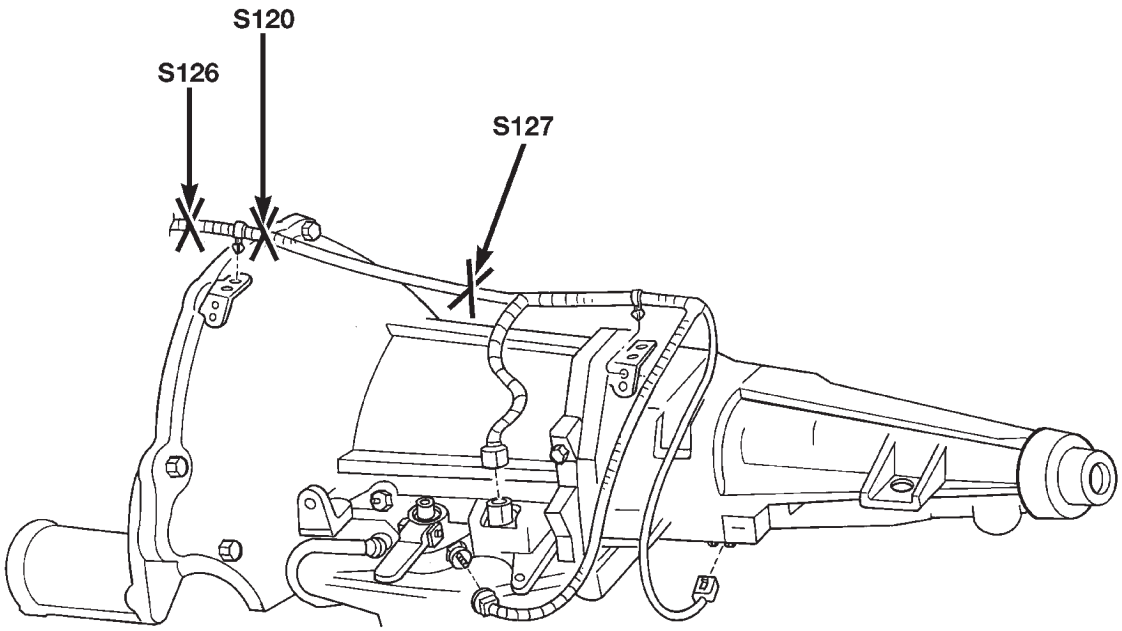


Fig. 16 TRANSMISSION CONNECTORS

CONNECTOR/GROUND/SPLICE LOCATION (Continued)



80a381bb

Fig. 17 LEFT SIDE TRANSMISSION 8.0 LITER ENGINE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

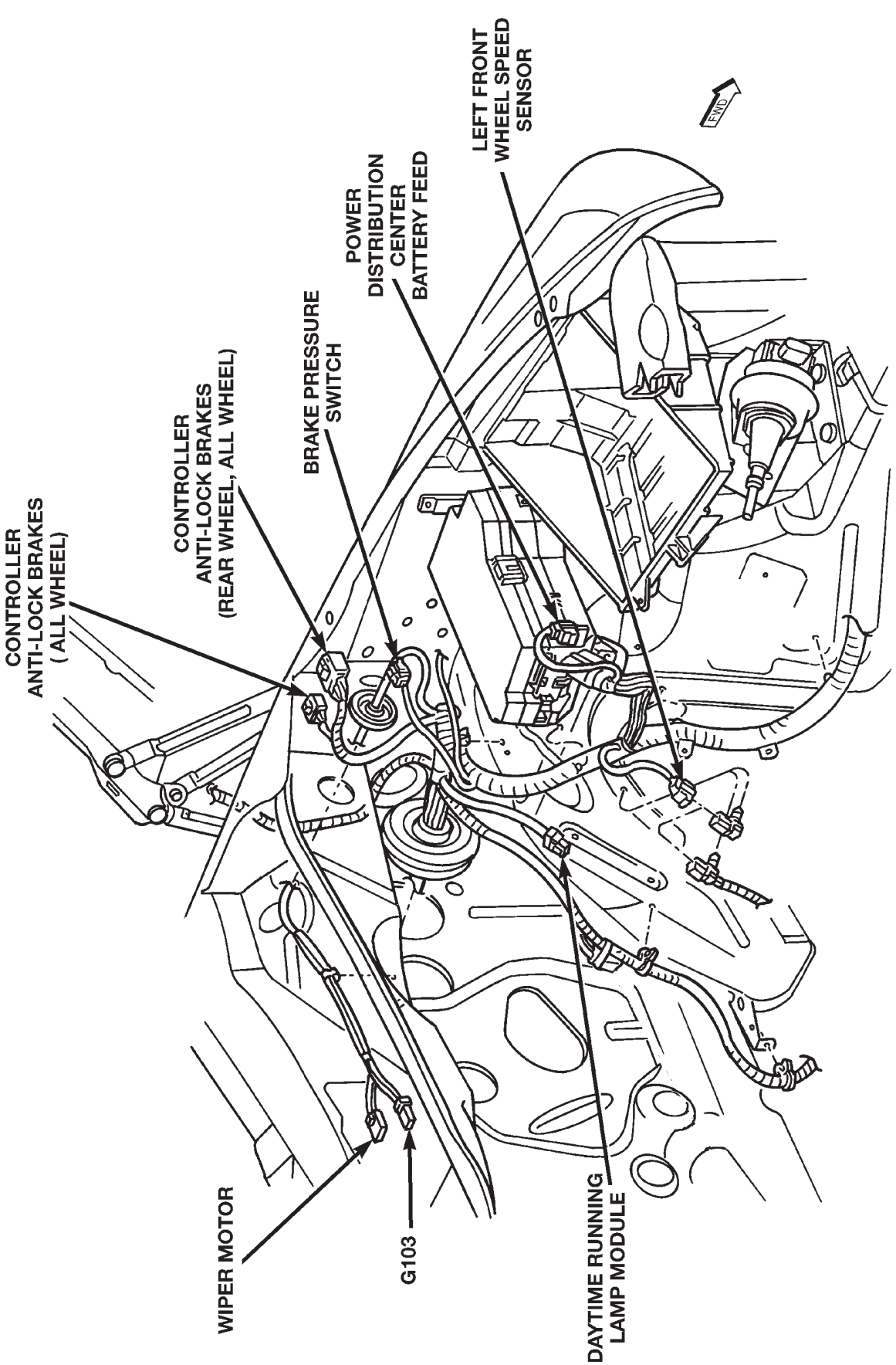


Fig. 18 LEFT SIDE ENGINE COMPARTMENT

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

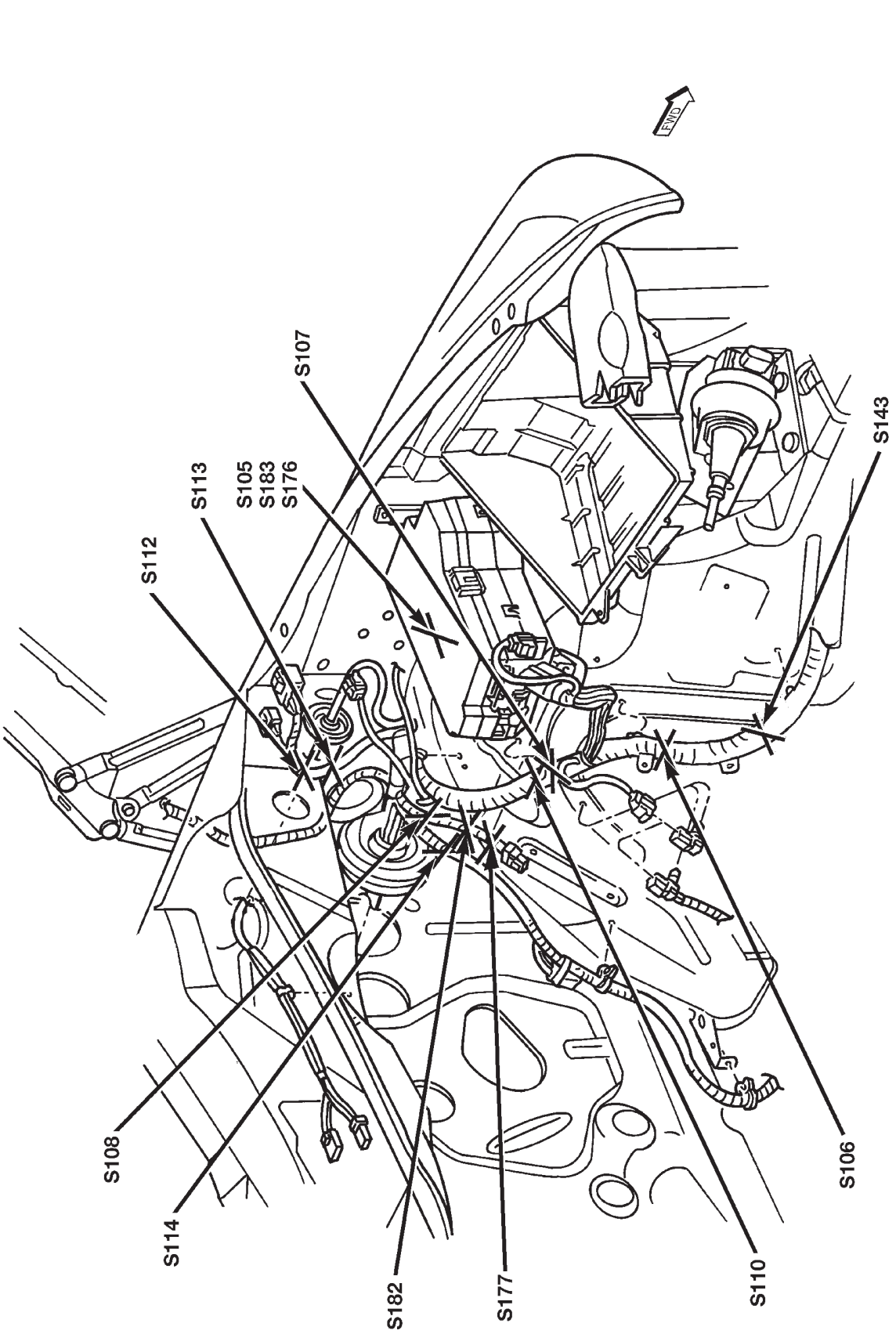


Fig. 19 LEFT SIDE ENGINE COMPARTMENT

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

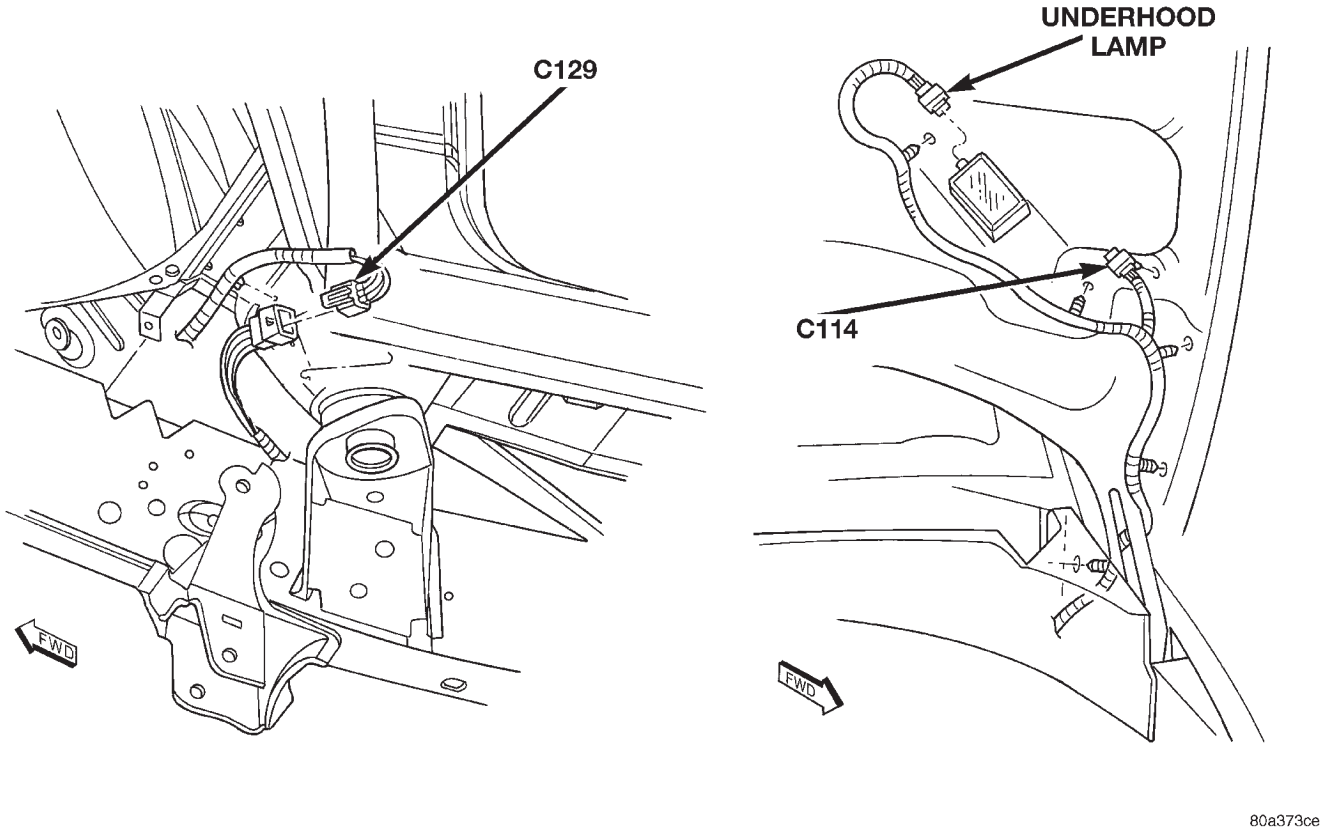


Fig. 20 UNDER HOOD

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

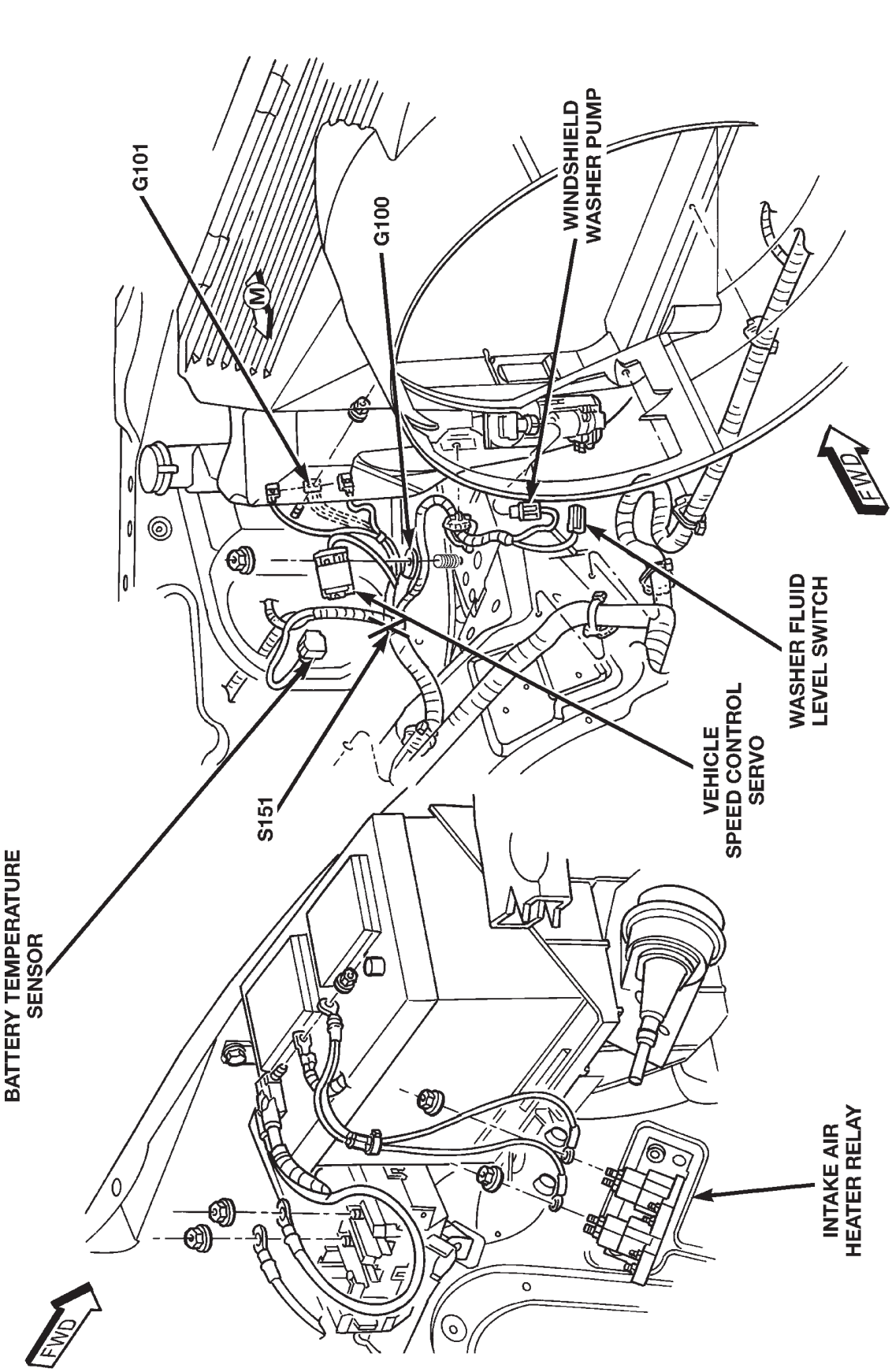


Fig. 21 UNDER HOOD

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

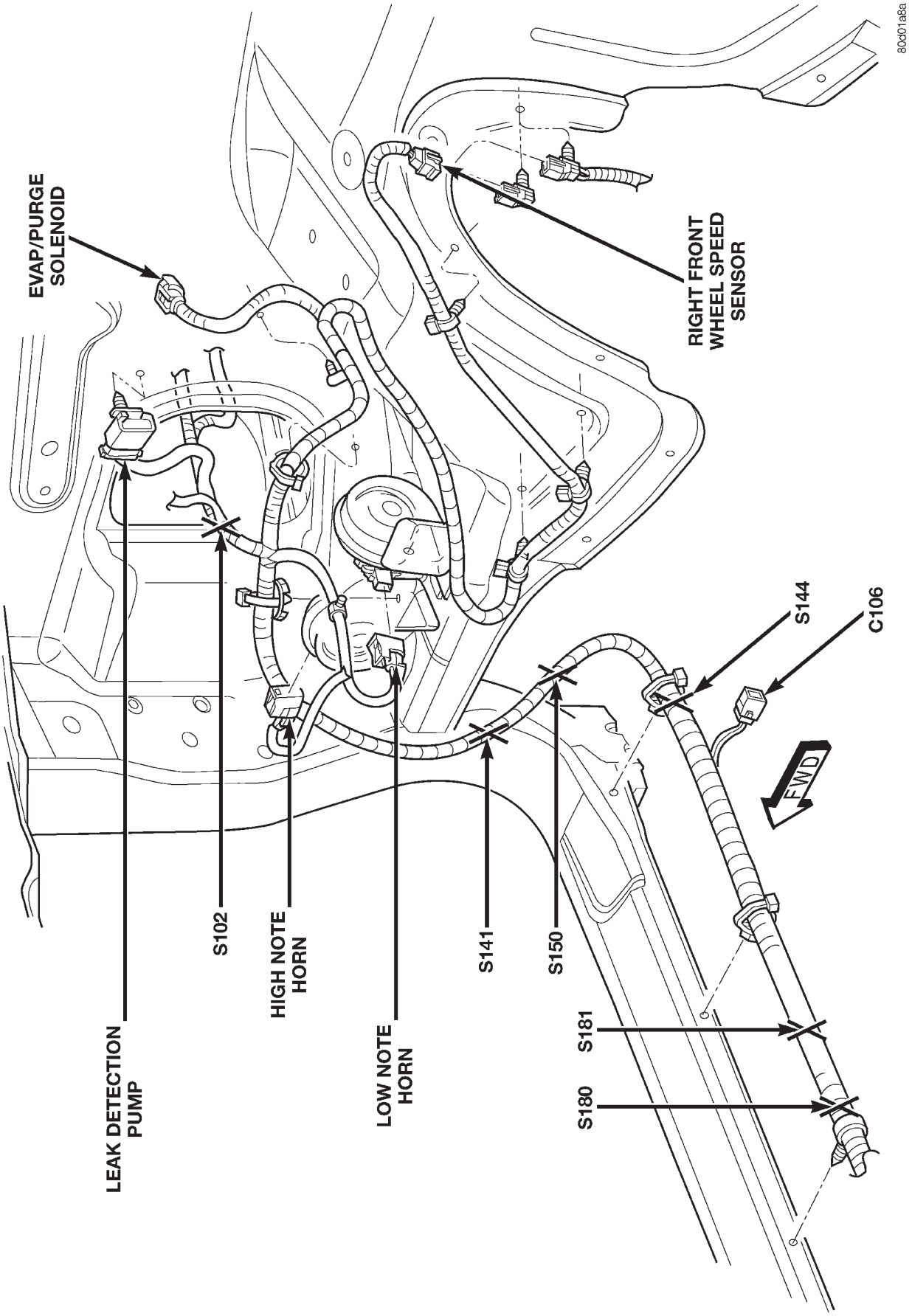


Fig. 22 RIGHT FENDER SHIELD

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

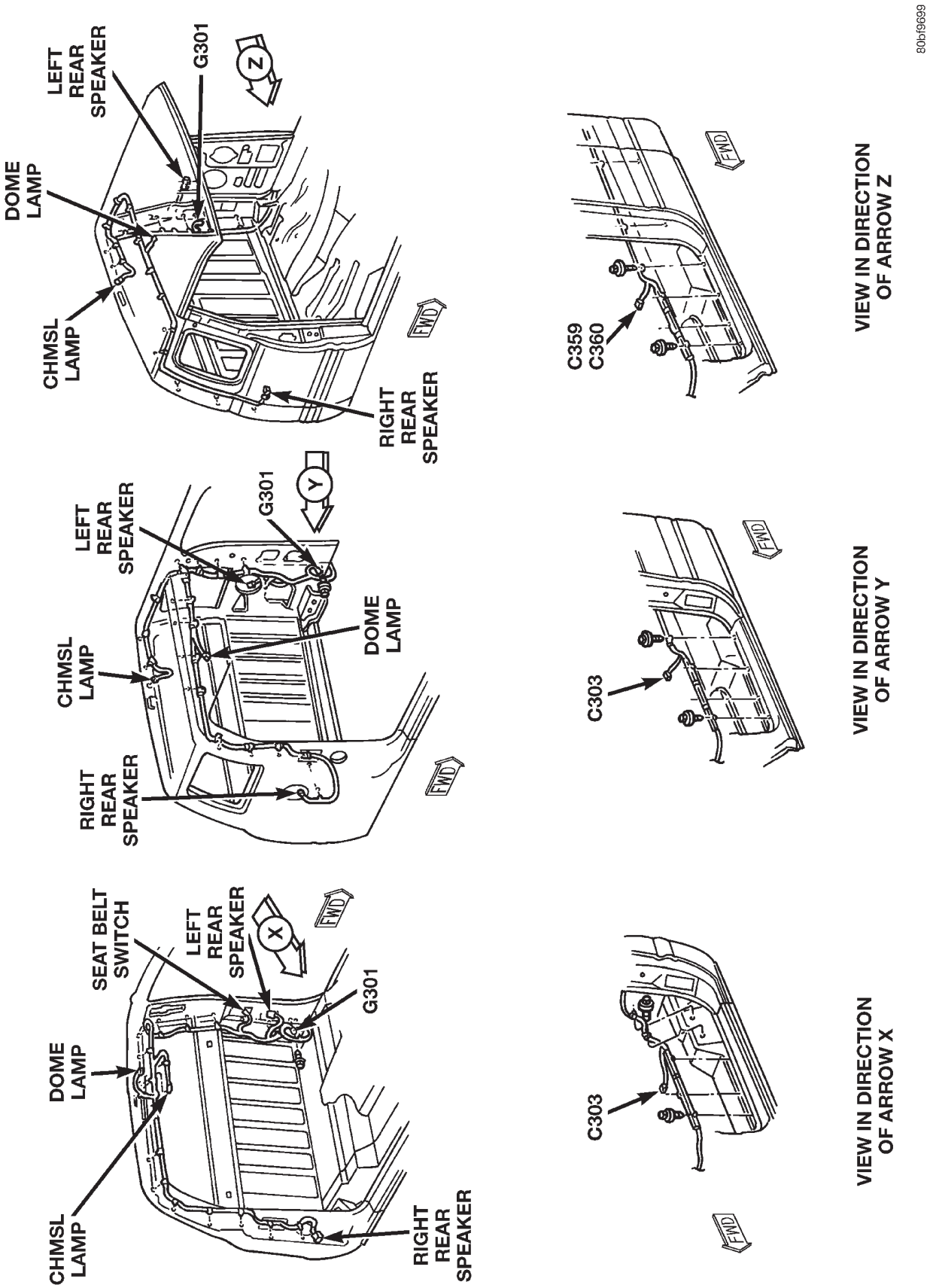


Fig. 23 CENTER HIGH MOUNTED STOP LAMP

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

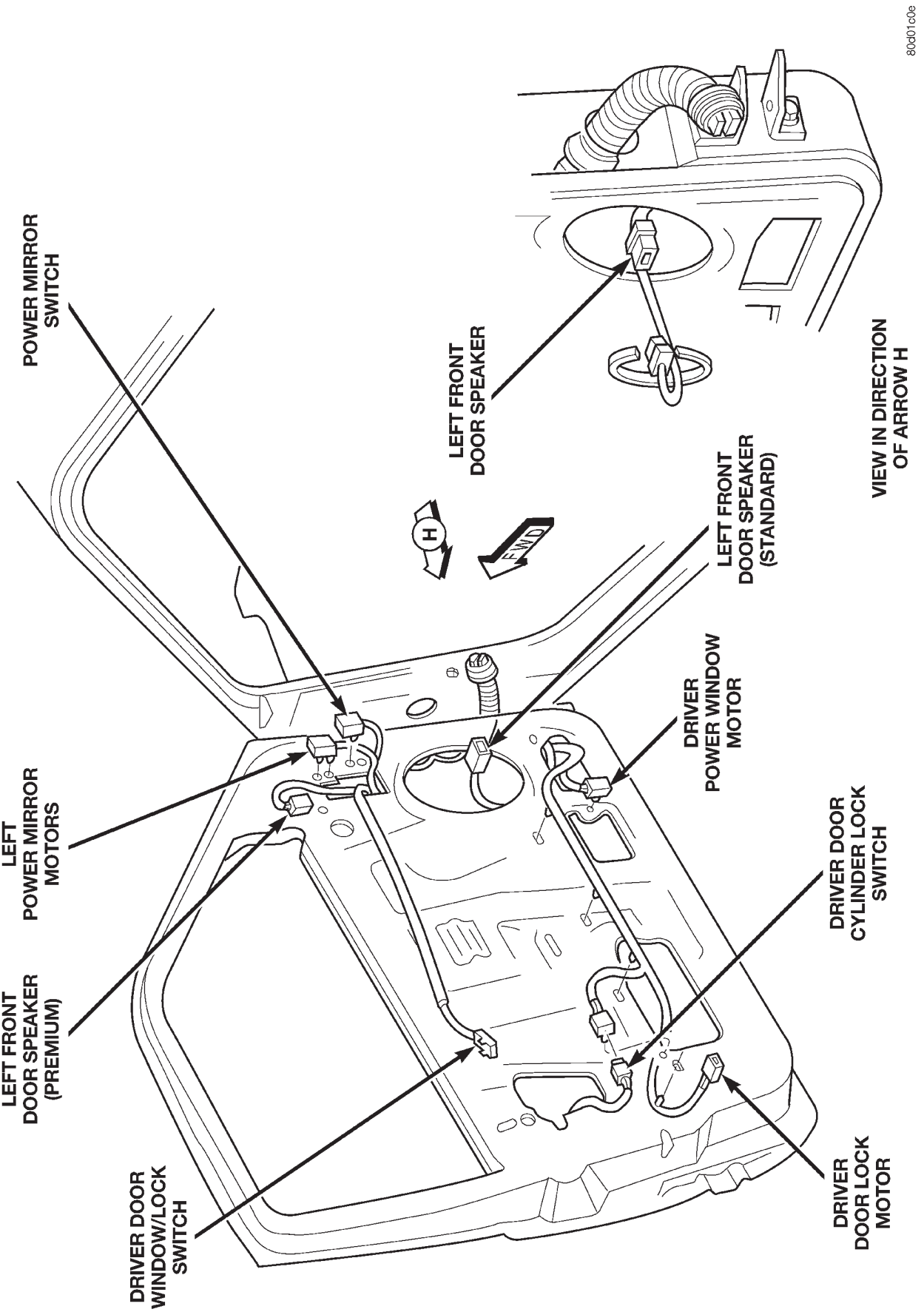


Fig. 24 DOOR

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

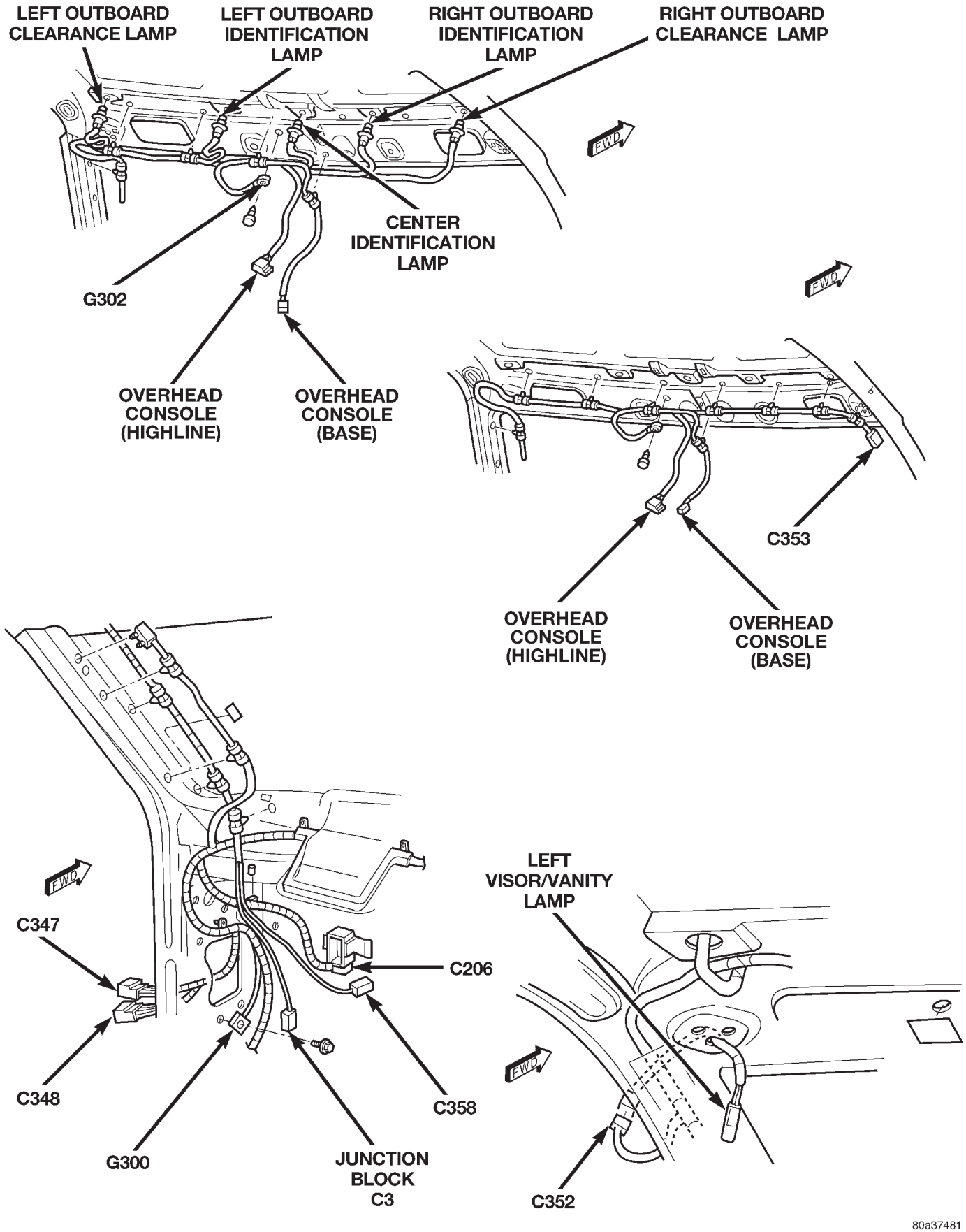


Fig. 25 OVERHEAD CONSOLE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

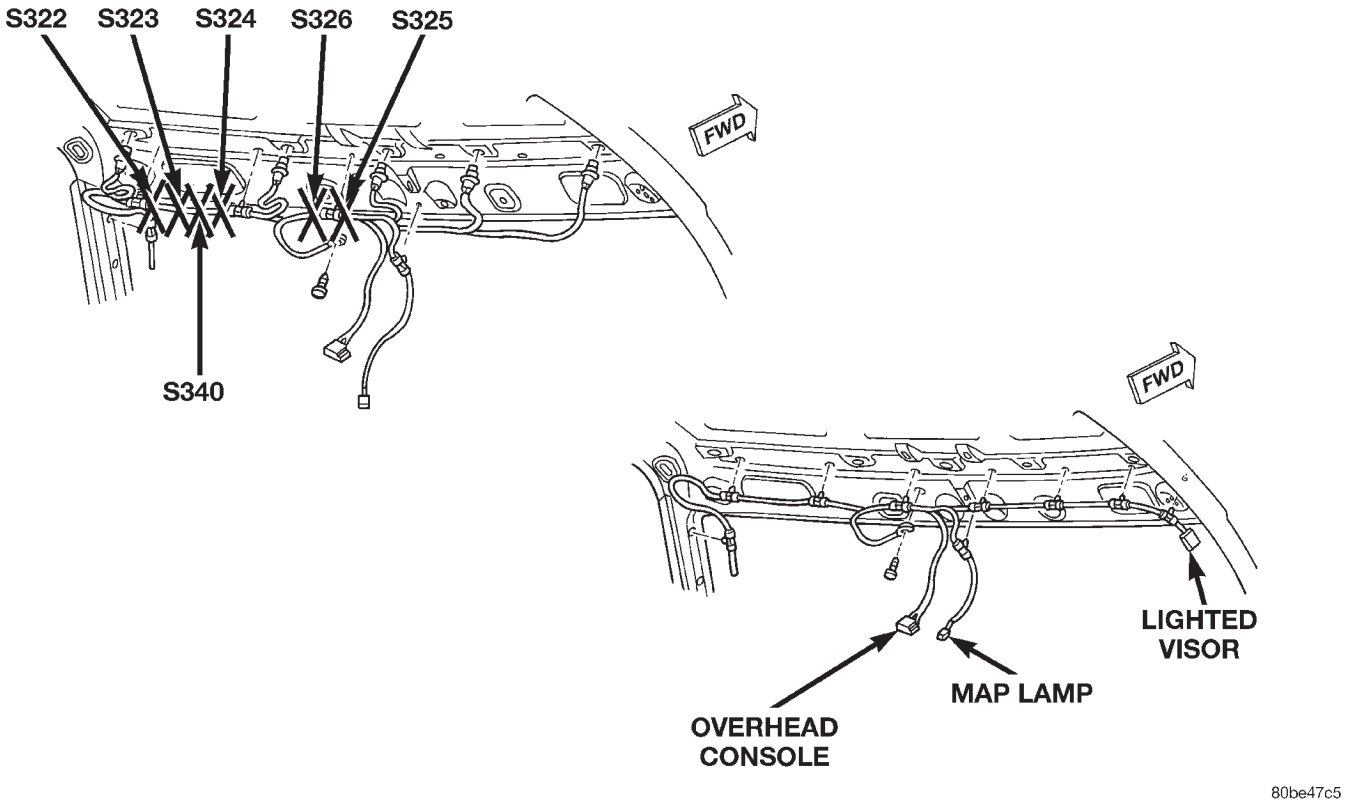


Fig. 26 OVERHEAD CONSOLE

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

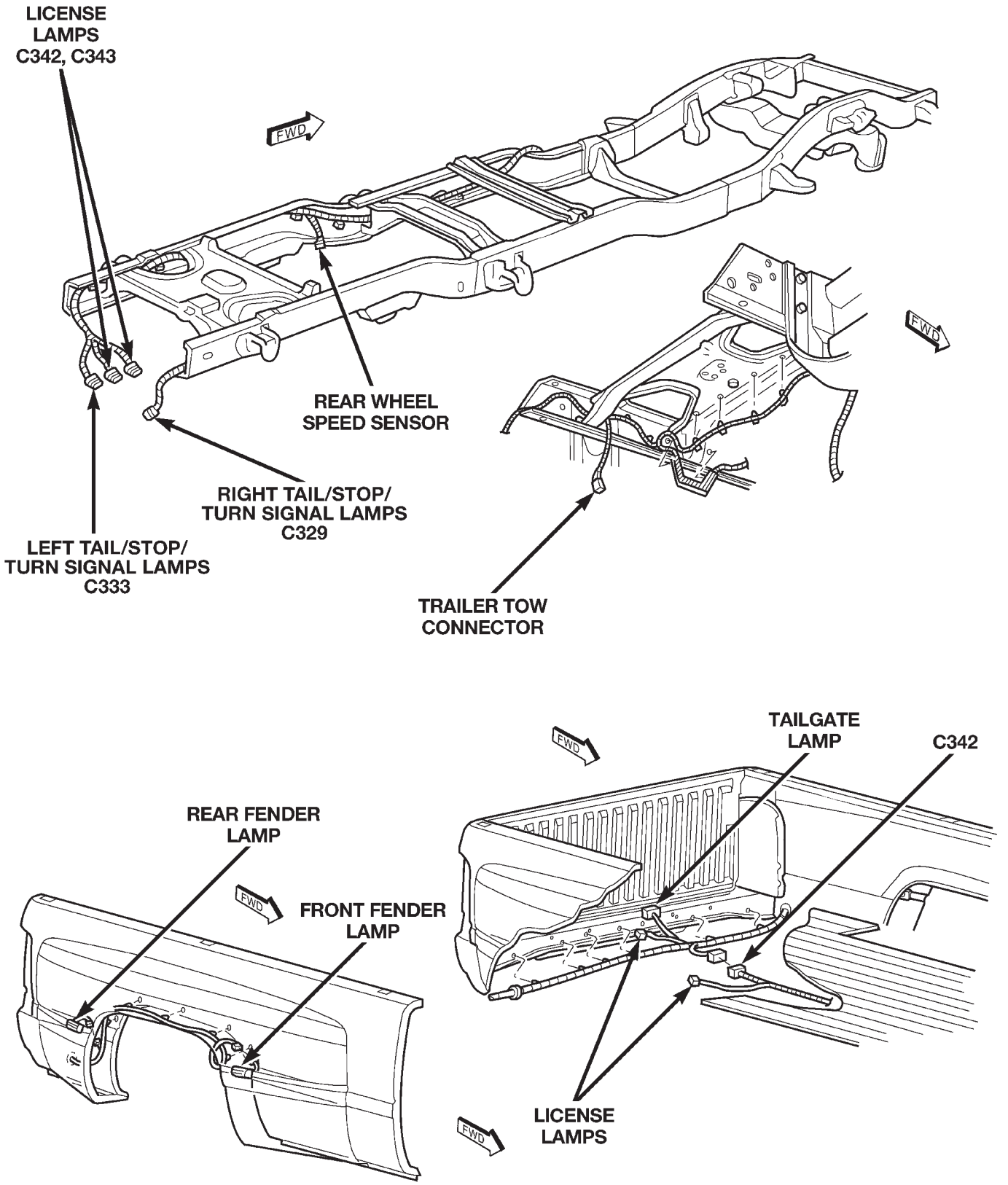


Fig. 27 TAIL LAMPS

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

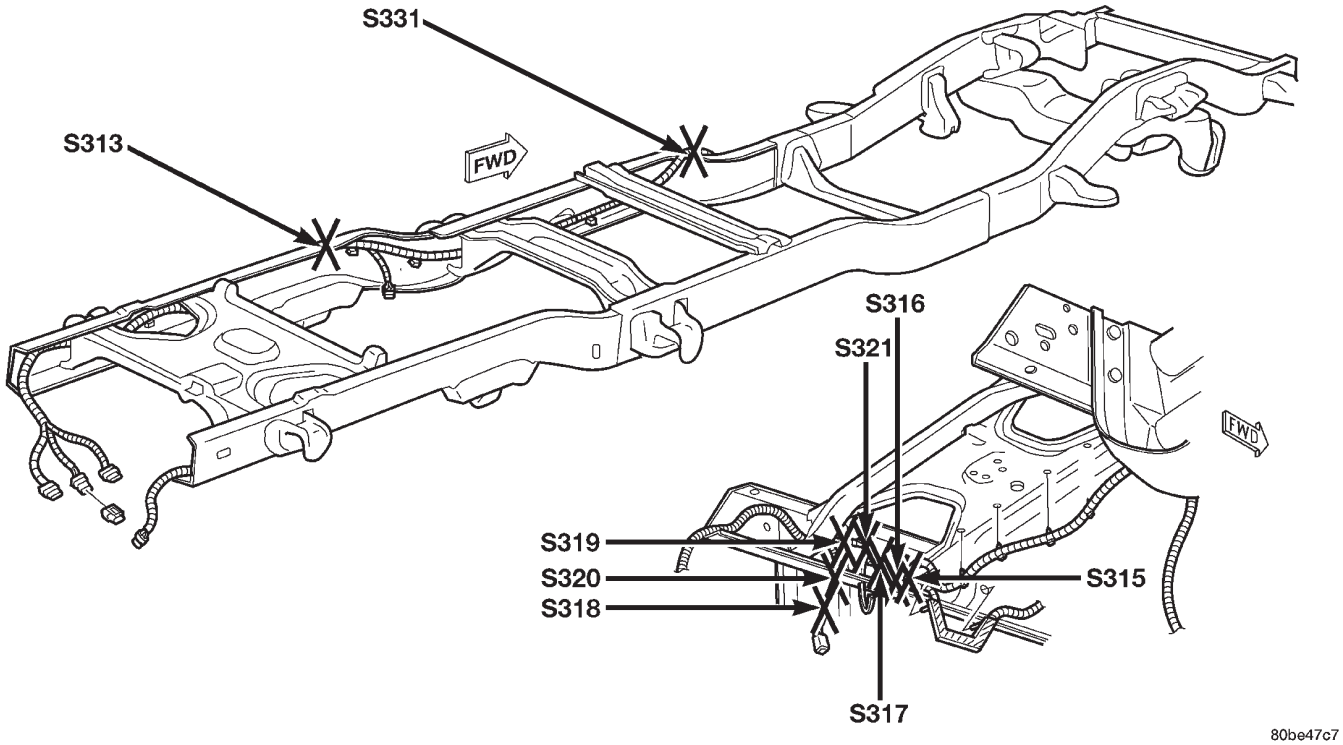


Fig. 28 CHASSIS

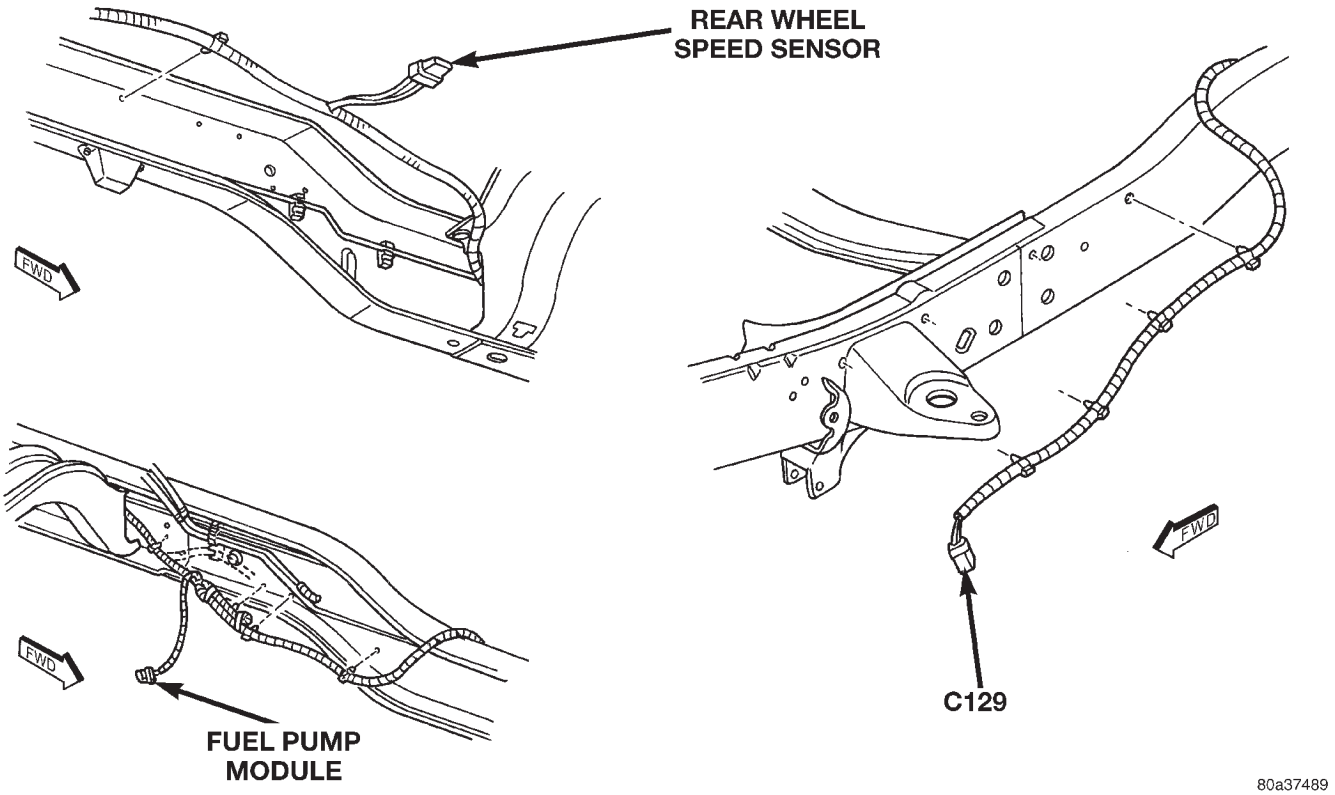


Fig. 29 FRAME RAIL

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

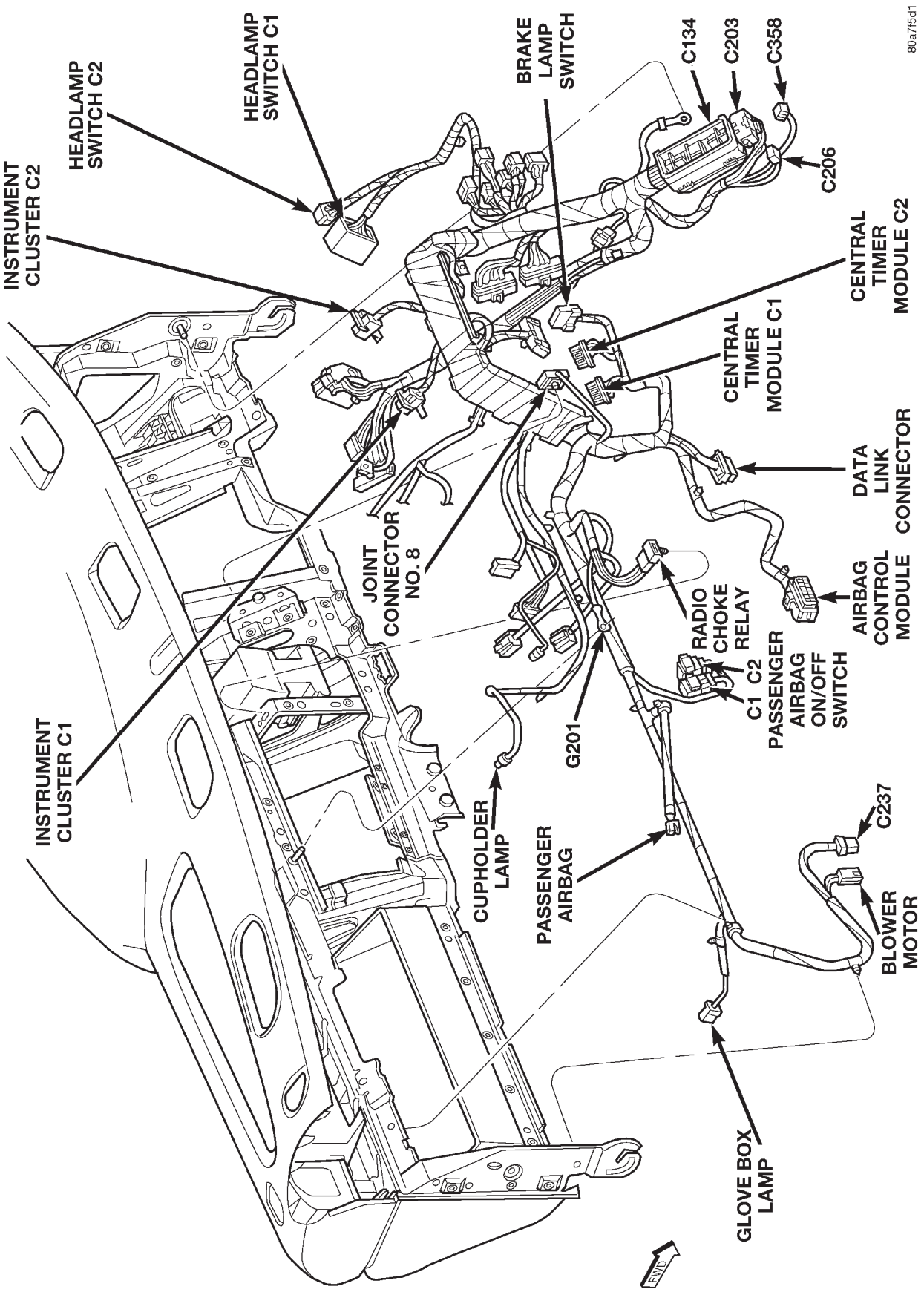


Fig. 30 INSTRUMENT PANEL

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

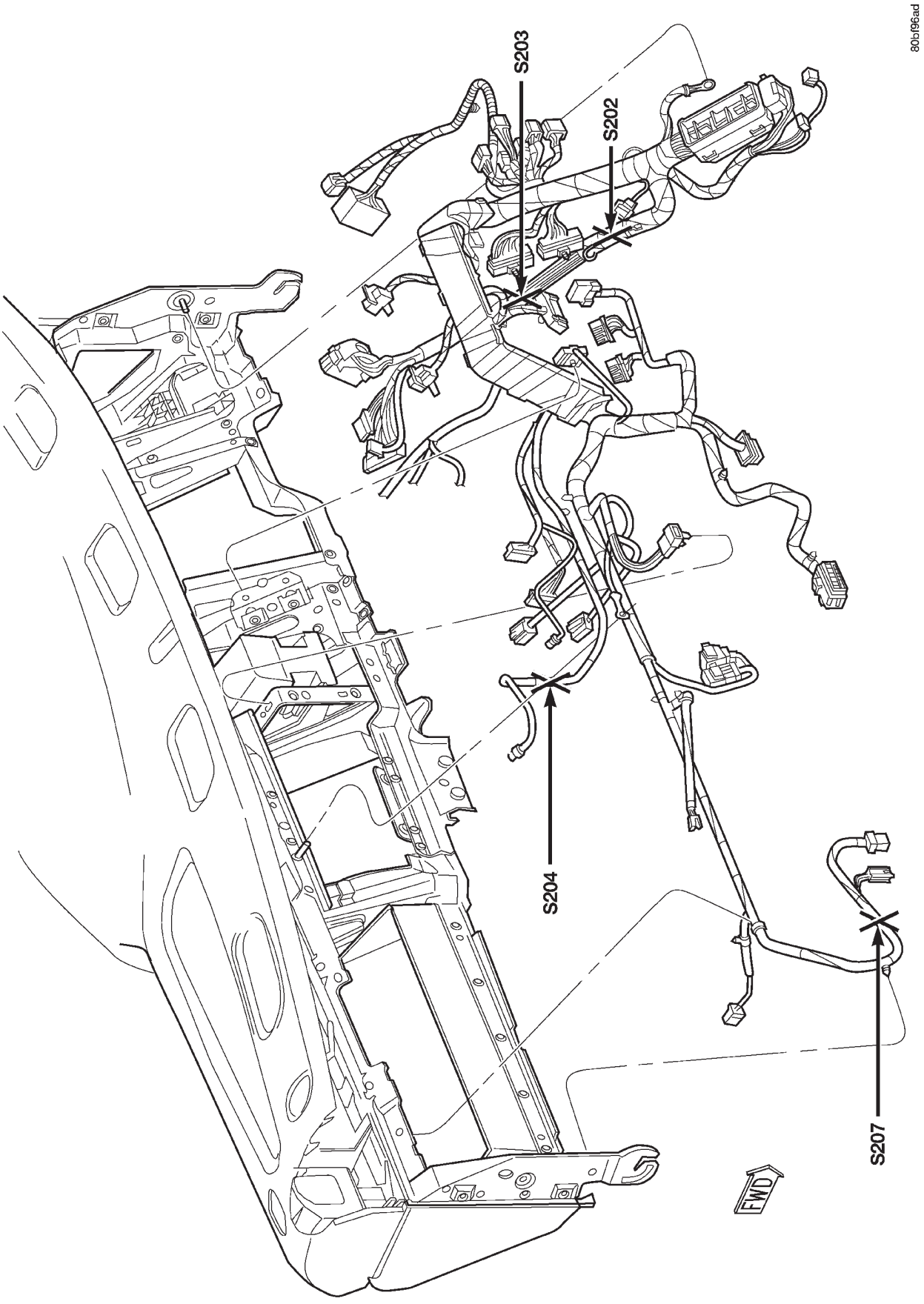


Fig. 31 INSTRUMENT PANEL

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

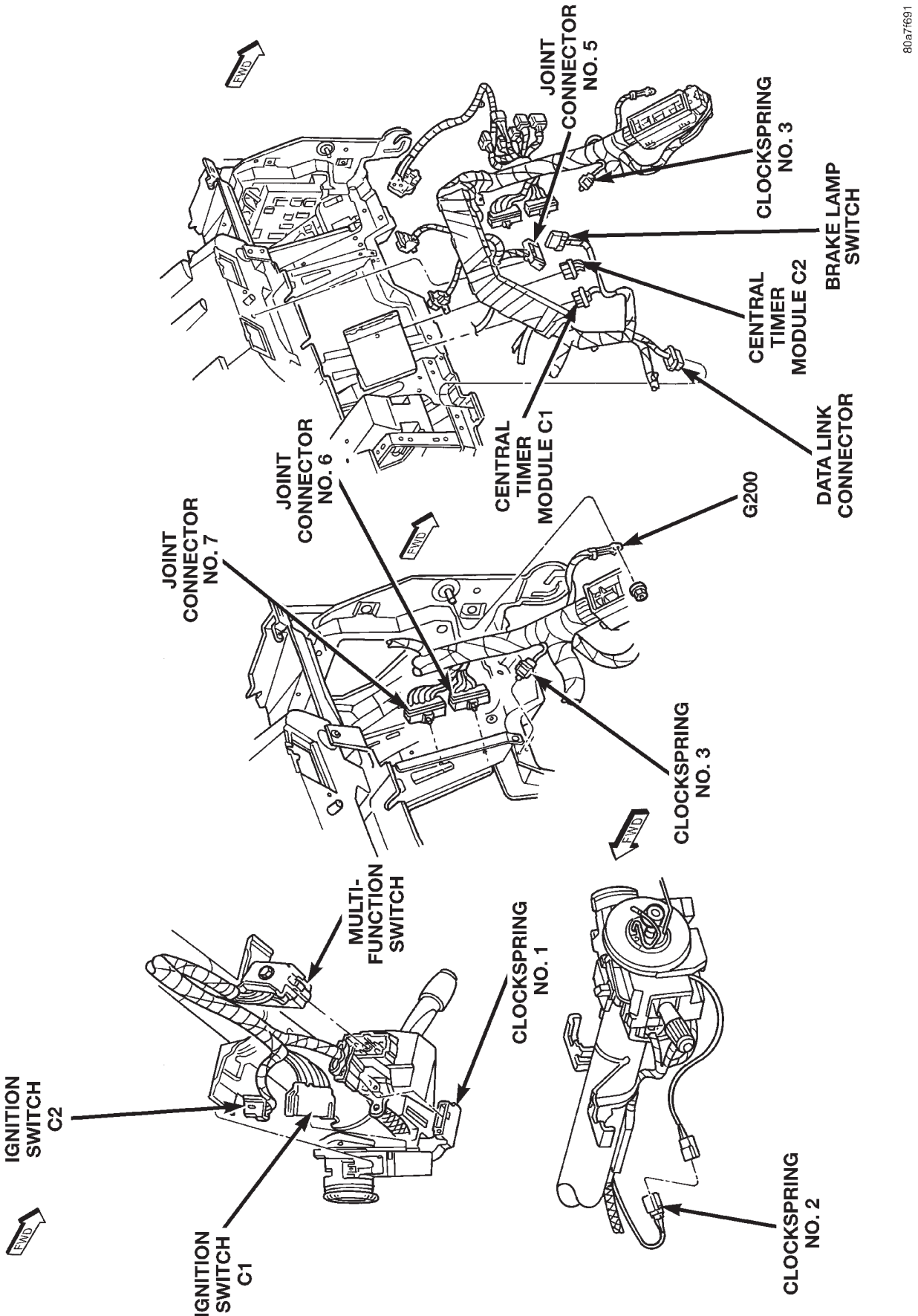


Fig. 32 STEERING COLUMN

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

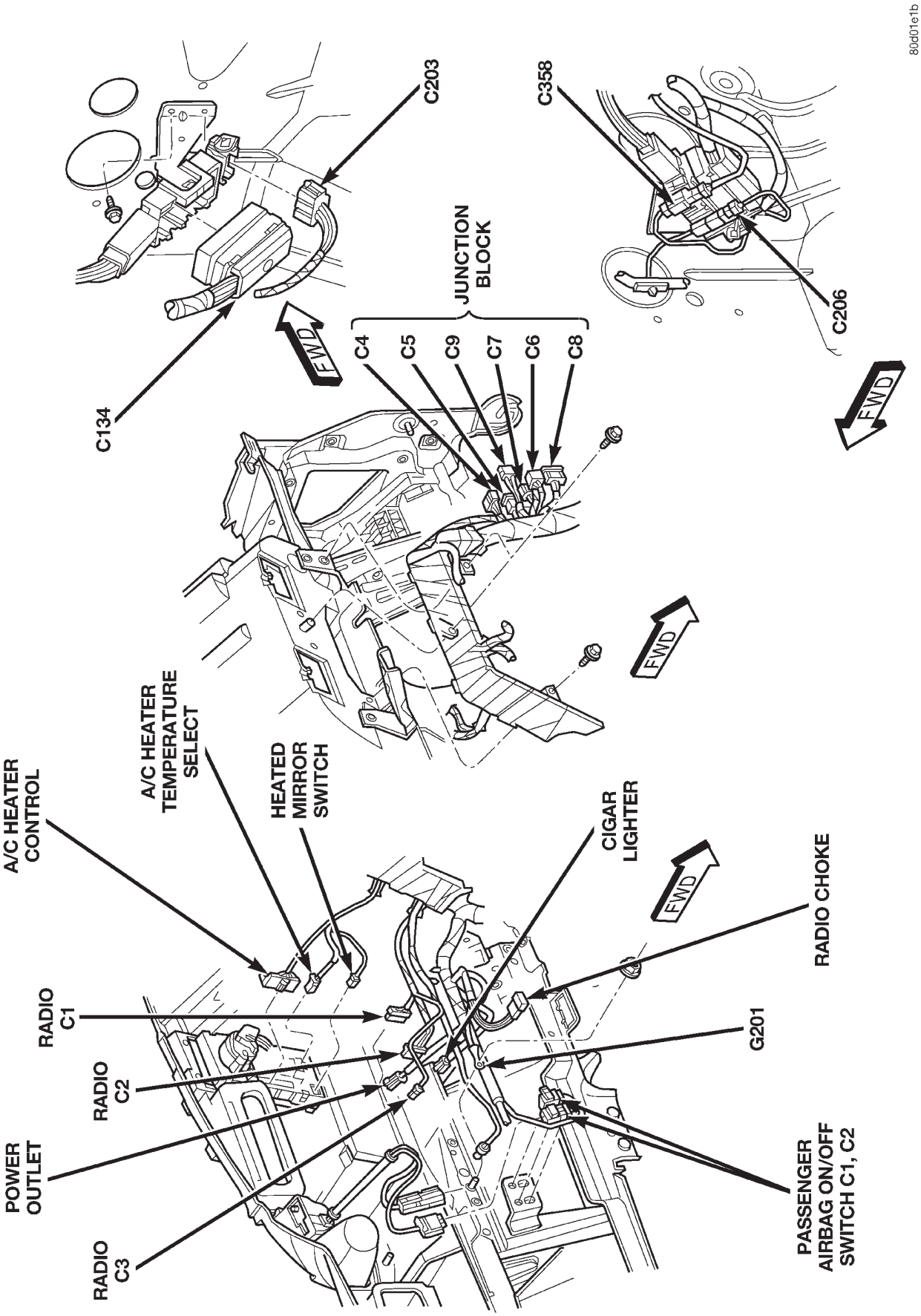


Fig. 33 INSTRUMENT PANEL

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

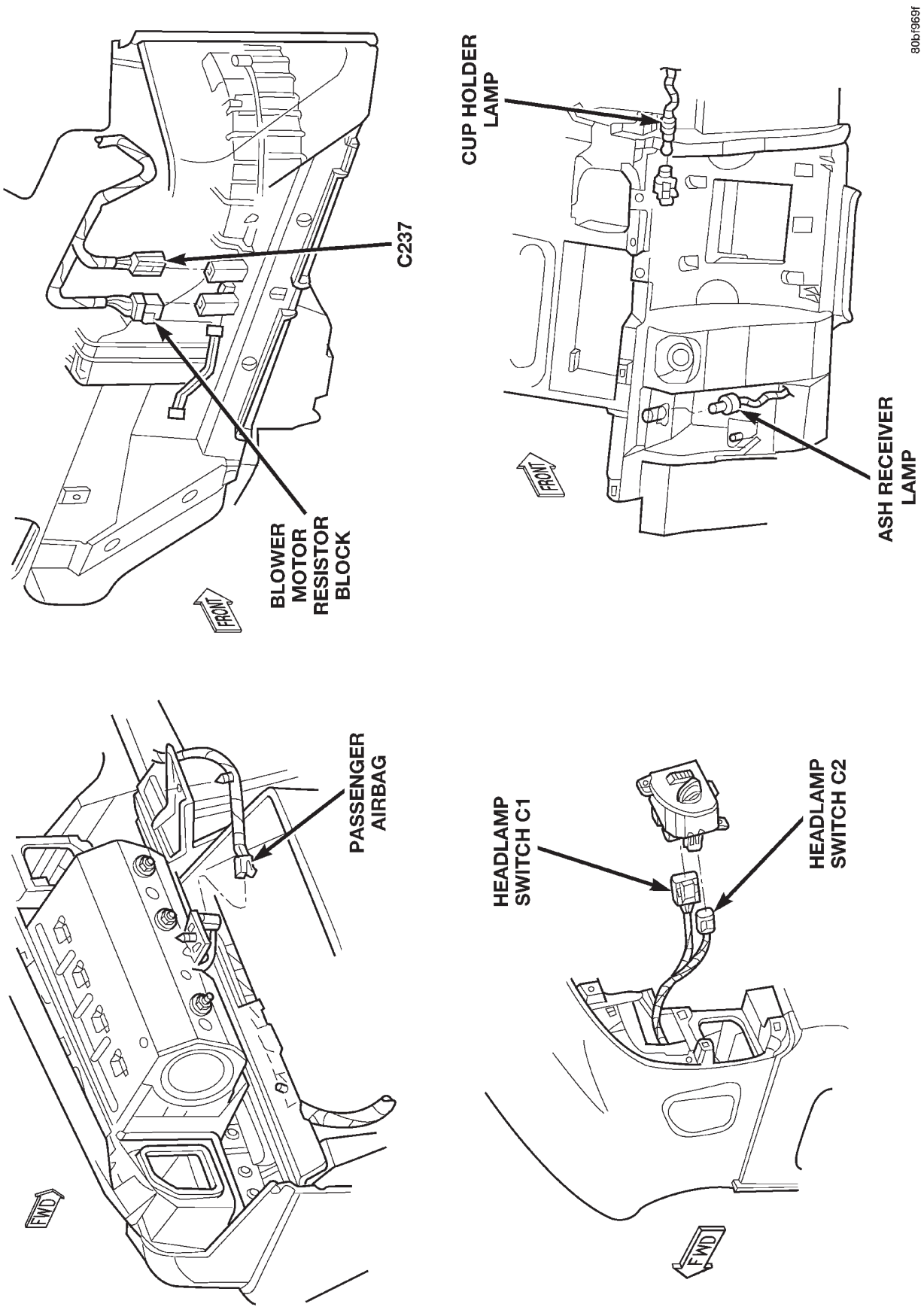


Fig. 34 INSTRUMENT PANEL

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

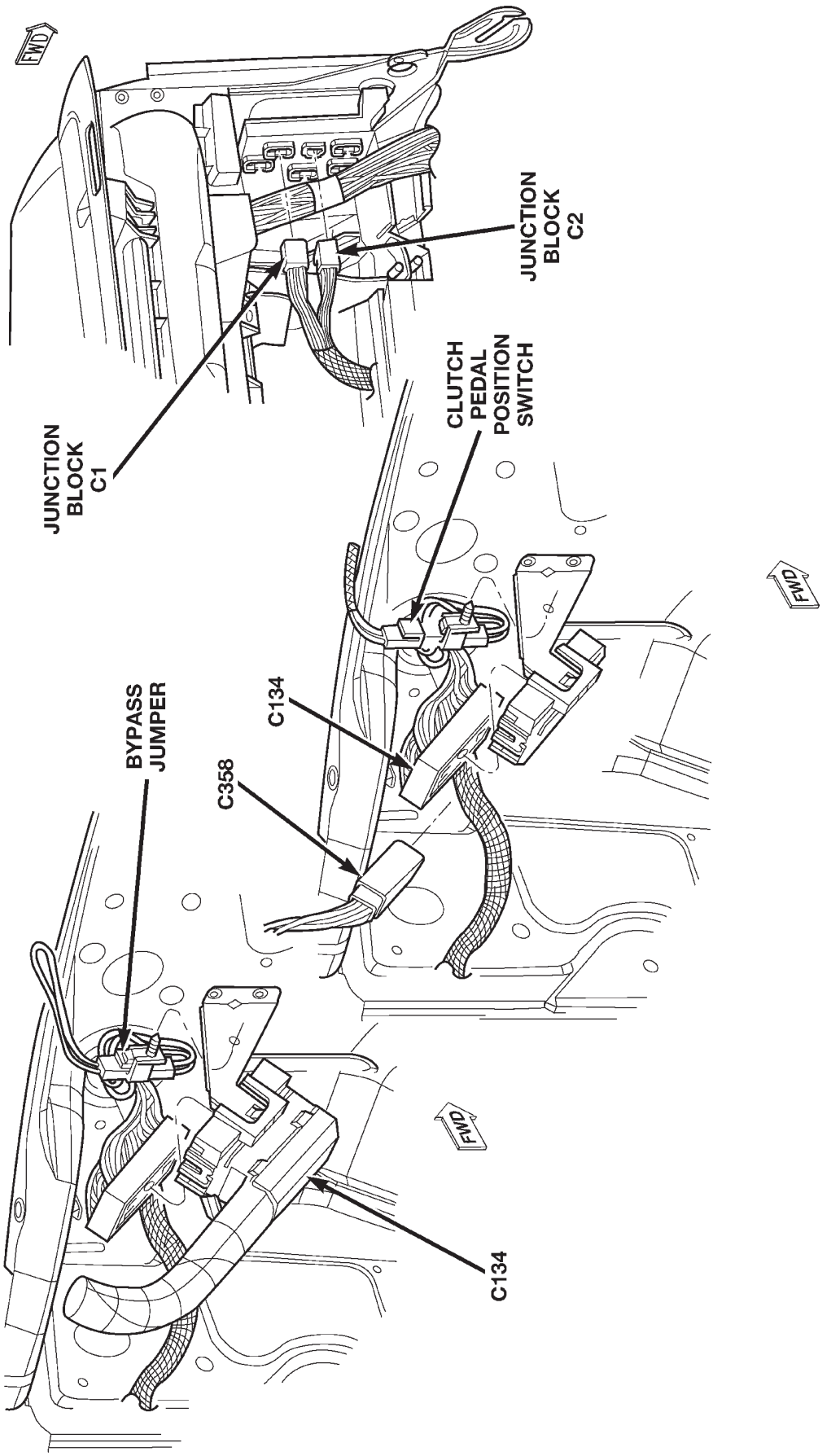


Fig. 35 LEFT COWL

CONNECTOR/GROUND/SPLICE LOCATION (Continued)

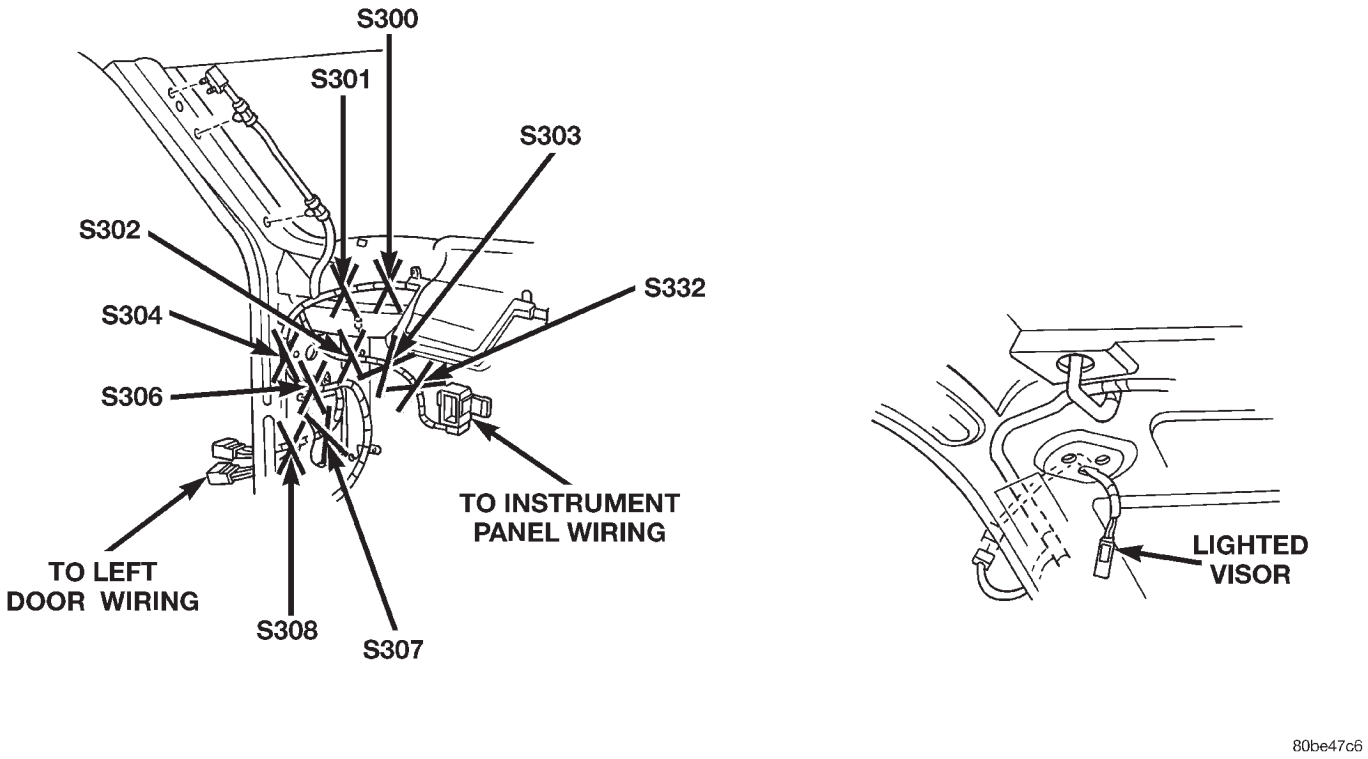


Fig. 36 LEFT COWL PANEL

8W-97 POWER DISTRIBUTION

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POWER DISTRIBUTION

DESCRIPTION

This group covers the various standard and optional power distribution components used on this model. The power distribution system for this vehicle consists of the following components:

- Power Distribution Center (PDC)
- Junction Block (JB).

The power distribution system also incorporates various types of circuit control and protection features, including:

- Automatic resetting circuit breakers
- Blade-type fuses
- Cartridge fuses
- Circuit splice blocks
- Flashers
- Relays.

Following are general descriptions of the major components in the power distribution system. See the owner's manual in the vehicle glove box for more information on the features and use of all of the power distribution system components. Refer to **Wiring Diagrams** for complete circuit diagrams for the various power distribution system components.

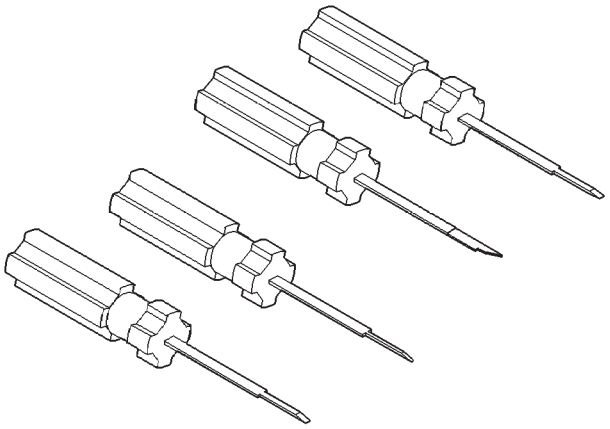
OPERATION

The power distribution system for this vehicle is designed to provide safe, reliable, and centralized dis-

tribution points for the electrical current required to operate all of the many standard and optional factory-installed electrical and electronic powertrain, chassis, safety, security, comfort and convenience systems. At the same time, the power distribution system was designed to provide ready access to these electrical distribution points for the vehicle technician to use when conducting diagnosis and repair of faulty circuits. The power distribution system can also prove useful for the sourcing of additional electrical circuits that may be required to provide the electrical current needed to operate many accessories that the vehicle owner may choose to have installed in the aftermarket.

SPECIAL TOOLS

POWER DISTRIBUTION SYSTEMS



Terminal Pick Kit 6680

CIGAR LIGHTER OUTLET

DESCRIPTION

A cigar lighter is standard equipment on this model. The cigar lighter is installed in the instrument panel next to the ash receiver, which is located near the center of the instrument panel, below the radio. The cigar lighter base is secured by a snap fit within the instrument panel.

The cigar lighter knob and heating element unit, and the cigar lighter receptacle unit are available for service. These components cannot be repaired and, if faulty or damaged, they must be replaced.

OPERATION

The cigar lighter consists of two major components: a knob and heating element unit, and the cigar lighter base or receptacle shell. The receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The cigar lighter receives battery voltage from a fuse in the junction block only when the ignition switch is in the Accessory or On positions.

The knob and heating element are encased within a spring-loaded housing, which also features a sliding protective heat shield. When the knob and heating element are inserted in the receptacle shell, the heating element resistor coil is grounded through its housing to the receptacle shell. If the cigar lighter knob is pushed inward, the heat shield slides up toward the knob exposing the heating element, and the heating element extends from the housing toward the insulated contact in the bottom of the receptacle shell.

Two small spring-clip retainers are located on either side of the insulated contact inside the bottom of the receptacle shell. These clips engage and hold the heating element against the insulated contact long enough for the resistor coil to heat up. When the heating element is engaged with the contact, battery current can flow through the resistor coil to ground, causing the resistor coil to heat.

When the resistor coil becomes sufficiently heated, excess heat radiates from the heating element causing the spring-clips to expand. Once the spring-clips expand far enough to release the heating element, the spring-loaded housing forces the knob and heating element to pop back outward to their relaxed position. When the cigar lighter knob and element are pulled out of the receptacle shell, the protective heat shield slides downward on the housing so that the heating element is recessed and shielded around its circumference for safety.

DIAGNOSIS AND TESTING - CIGAR LIGHTER OUTLET

For complete circuit diagrams, refer to **Cigar Lighter** in Wiring Diagrams.

WARNING: REFER TO THE PASSIVE RESTRAINT SECTION OF THE SERVICE MANUAL BEFORE ATTEMPTING ANY STEERING WHEEL, STEERING COLUMN, OR INSTRUMENT PANEL COMPONENT DIAGNOSIS OR SERVICE. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT AND POSSIBLE PERSONAL INJURY.

(1) Check the fused ignition switch output (run/accessory) fuse in the junction block. If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the faulty fuse.

(2) Turn the ignition switch to the On position. Check for battery voltage at the fused ignition switch output (run/accessory) fuse in the junction block. If OK, go to Step 3. If not OK, repair the open fused

CIGAR LIGHTER OUTLET (Continued)

ignition switch output (run/accessory) circuit to the ignition switch as required.

(3) Turn the ignition switch to the Off position. Remove the cigar lighter knob and element from the cigar lighter receptacle. Check for continuity between the inside circumference of the cigar lighter receptacle and a good ground. There should be continuity. If OK, go to Step 4. If not OK, go to Step 5.

(4) Turn the ignition switch to the On position. Check for battery voltage at the insulated contact located at the back of the cigar lighter receptacle. If OK, replace the faulty cigar lighter knob and element. If not OK, go to Step 5.

(5) Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Remove the cigar lighter receptacle from the instrument panel and disconnect the wire harness connector. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.

(6) Connect the battery negative cable. Turn the ignition switch to the On position. Check for battery voltage at the fused ignition switch output (run/accessory) circuit cavity of the cigar lighter wire harness connector. If OK, replace the faulty cigar lighter receptacle. If not OK, repair the open fused ignition switch output (run/accessory) circuit to the junction block fuse as required.

REMOVAL

(1) Disconnect and isolate the battery negative cable.

(2) Pull the cigar lighter knob and element out of the cigar lighter receptacle base, or unsnap the protective cap from the power outlet receptacle base (Fig. 1).

(3) Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses of the mount that secures the receptacle base to the instrument panel (Fig. 2).

(4) Insert a pair of external snap ring pliers into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.

(5) Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.

(6) Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector.

(7) Disconnect the instrument panel wire harness connector from the cigar lighter or power outlet receptacle base connector receptacle.

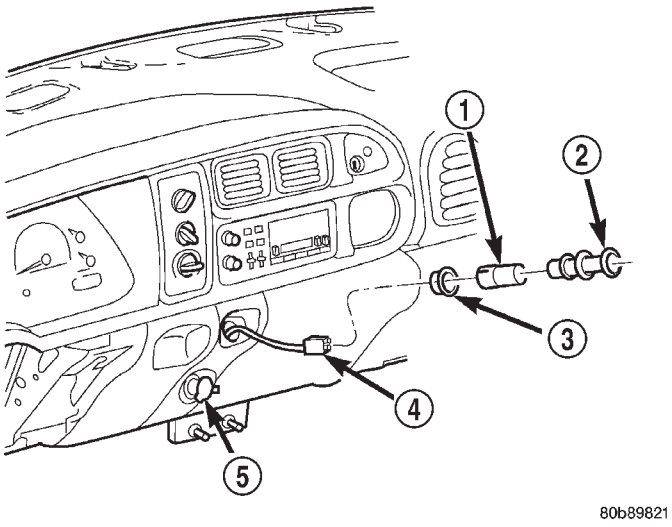


Fig. 1 Cigar Lighter and Power Outlet - Typical

1 - RECEPTACLE BASE
2 - KNOB & ELEMENT
3 - MOUNT
4 - WIRE HARNESS CONNECTOR
5 - POWER OUTLET

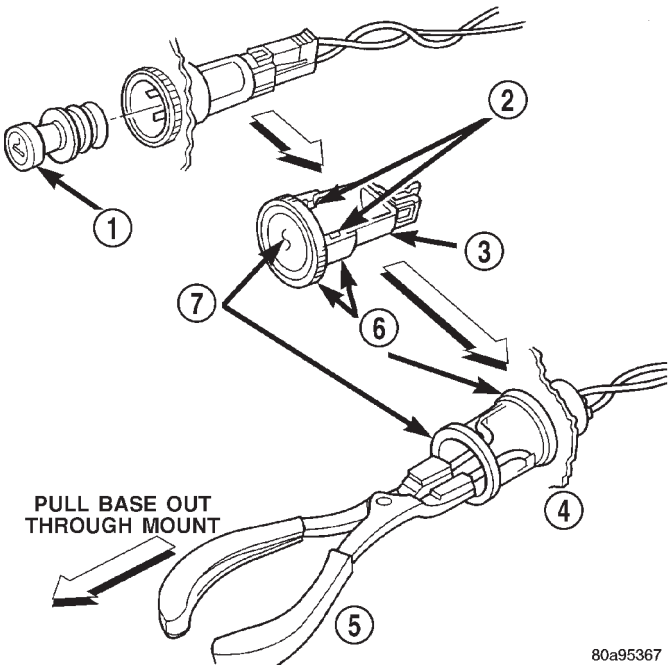


Fig. 2 Cigar Lighter and Power Outlet Remove/ Install

1 - KNOB AND ELEMENT
2 - RETAINING BOSSES-ENGAGE PLIERS HERE
3 - BASE
4 - PARTIALLY REMOVED
5 - EXTERNAL SNAP-RING PLIERS
6 - MOUNT
7 - BASE

CIGAR LIGHTER OUTLET (Continued)

(8) Remove the cigar lighter or power outlet mount from the instrument panel.

INSTALLATION

(1) Reconnect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.

(2) Install the cigar lighter or power outlet mount into the instrument panel.

(3) Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.

(4) Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.

(5) Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.

(6) Reconnect the battery negative cable.

CIRCUIT BREAKER

DESCRIPTION

Automatic resetting circuit breakers are used to protect a system circuit from a short circuit or overload. Some examples of his condition can be caused by an obstructed or stuck seat adjuster or power window motor.

The circuit breaker cannot be repaired and, if faulty or damaged, it must be replaced.

DIAGNOSIS AND TESTING - CIRCUIT BREAKER

For circuit descriptions and diagrams, refer to Wiring Diagrams.

(1) Locate the correct circuit breaker in the junction block. Pull out the circuit breaker slightly, but be certain that the circuit breaker terminals still contact the terminals in the junction block cavities.

(2) Connect the negative lead of a 12-volt DC voltmeter to a good ground.

(3) With the voltmeter positive lead, check both terminals of the circuit breaker for battery voltage.

If only one terminal has battery voltage, the circuit breaker is faulty and must be replaced. If neither terminal has battery voltage, repair the open circuit from the Power Distribution Center (PDC) as required.

GENERATOR CARTRIDGE FUSE

DESCRIPTION

A 140 ampere generator cartridge fuse is used on this model. The generator cartridge fuse is similar to other cartridge fuses found in the Power Distribution Center (PDC). This fuse has a color-coded plastic housing and a clear plastic fuse conductor inspection cover like other cartridge fuses, but has a higher current rating and is connected and secured with screws instead of being pushed onto male spade-type terminals. The generator cartridge fuse cannot be repaired and, if faulty or damaged, it must be replaced.

OPERATION

The generator cartridge fuse is secured between the two B(+) terminal stud connection bus bars within the Power Distribution Center (PDC). This fuse protects the vehicle electrical system from damage that could be caused by excessive charging system output and/or excessive electrical system current levels resulting from a faulty generator or faulty charging system control circuits. If the current rating of the fuse is exceeded, the fuse conductor melts to open the generator output circuit connection to the PDC. If a generator cartridge fuse fails, be certain to completely inspect and test the vehicle charging system before replacing the fuse and returning the vehicle to service. Refer to **Charging System** for the charging system diagnostic procedures. Refer to **Wiring Diagrams** for the location of complete PDC circuit diagrams.

REMOVAL

If a generator cartridge fuse fails, be certain to inspect and test the vehicle charging system before replacing the cartridge fuse and returning the vehicle to service. Refer to **Charging System** in the index of this service manual for the charging system diagnostic procedures.

(1) Disconnect and isolate the battery negative cable.

(2) Unlatch and remove the cover from the Power Distribution Center (PDC).

(3) Remove the two screws that secure the generator cartridge fuse to the two B(+) terminal stud bus bars within the PDC.

(4) Remove the generator cartridge fuse from the PDC.

INSTALLATION

If a generator cartridge fuse fails, be certain to inspect and test the vehicle charging system before replacing the cartridge fuse and returning the vehicle

GENERATOR CARTRIDGE FUSE (Continued)

to service. Refer to **Charging System** in the index of this service manual for the charging system diagnostic procedures.

(1) Position the generator cartridge fuse onto the two B(+) terminal stud bus bars within the PDC.

(2) Install and tighten the two screws that secure the generator cartridge fuse to the two B(+) terminal stud bus bars within the PDC. Tighten the screws to 3.4 N·m (30 in. lbs.).**Be certain that both screws are tightened to the proper torque value.**

(3) Install and latch the cover onto the PDC.

(4) Reconnect the battery negative cable.

IOD FUSE

DESCRIPTION

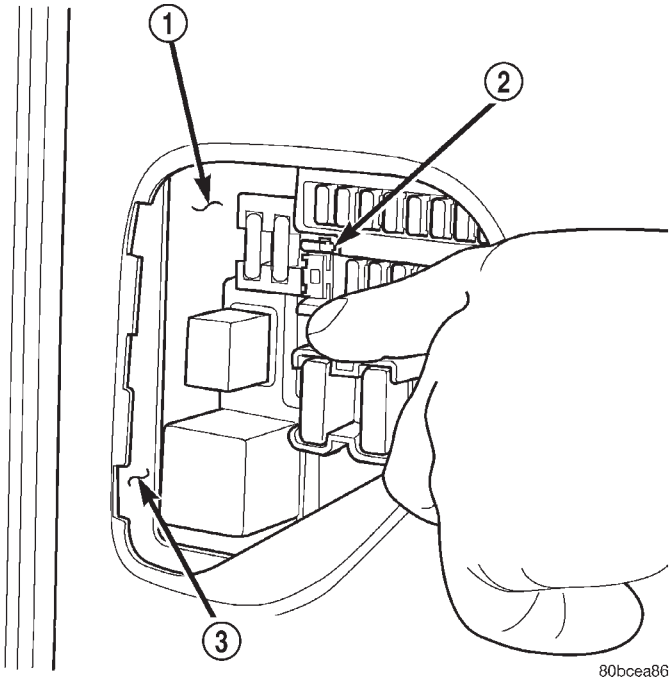


Fig. 3 Ignition-Off Draw Fuse

1 - JUNCTION BLOCK
2 - IGNITION-OFF DRAW FUSE AND HOLDER
3 - LEFT INSTRUMENT PANEL END BRACKET

All vehicles are equipped with an Ignition-Off Draw (IOD) fuse (Fig. 3) that is disconnected within the Junction Block when the vehicle is shipped from the factory. Dealer personnel are to reconnect the IOD fuse in the junction block as part of the preparation procedures performed just prior to new vehicle delivery.

The left end of the instrument panel cover has a snap-fit fuse access panel that can be removed to provide service access to the fuses in the junction block. A finger recess is molded into the access panel for easy removal. An adhesive-backed fuse layout map is secured to the instrument panel side of the access panel to ensure proper fuse identification. The IOD fuse is a 10 ampere mini blade-type fuse. The fuse is secured within a black molded plastic fuse holder and puller unit that serves both as a tool for disconnecting and reconnecting the fuse in its junction block cavity, and as a fuse holder that conveniently stores the fuse in the same junction block cavity after it has been disconnected.

CIRCUITS INCLUDED WITH IOD FUSE

- Cargo Lamp
- CHMSL
- Diagnostic Connector
- Dome Lamp
- Glove Box Lamp
- Map/Reading Lamps
- Power Mirrors
- Radio
- Under Hood Lamp

OPERATION

The term ignition-off draw identifies a normal condition where power is being drained from the battery with the ignition switch in the Off position. The IOD fuse feeds the memory and sleep mode functions for some of the electronic modules in the vehicle as well as various other accessories that require battery current when the ignition switch is in the Off position, including the clock. The only reason the IOD fuse is disconnected is to reduce the normal IOD of the vehicle electrical system during new vehicle transportation and pre-delivery storage to reduce battery depletion, while still allowing vehicle operation so that the vehicle can be loaded, unloaded and moved as needed by both vehicle transportation company and dealer personnel.

The IOD fuse is disconnected from JB fuse cavity 12 when the vehicle is shipped from the assembly plant. Dealer personnel must reconnect the IOD fuse when the vehicle is being prepared for delivery in order to restore full electrical system operation. Once the vehicle is prepared for delivery, the IOD function of this fuse becomes transparent and the fuse that has been assigned the IOD designation becomes only another Fused B(+) circuit fuse. The IOD fuse serves no useful purpose to the dealer technician in the service or diagnosis of any vehicle system or condition, other than the same purpose as that of any other standard circuit protection device.

The IOD fuse can be used by the vehicle owner as a convenient means of reducing battery depletion when a vehicle is to be stored for periods not to exceed about thirty days. However, it must be remembered that disconnecting the IOD fuse will not eliminate IOD, but only reduce this normal condition.

IOD FUSE (Continued)

If a vehicle will be stored for more than about thirty days, the battery negative cable should be disconnected to eliminate normal IOD; and, the battery should be tested and recharged at regular intervals during the vehicle storage period to prevent the battery from becoming discharged or damaged. Refer to the **Battery** section of the service manual for the location of additional service information covering the battery.

REMOVAL

The Ignition-Off Draw (IOD) fuse is disconnected from Junction Block (JB) fuse cavity 12 when the vehicle is shipped from the assembly plant. Dealer personnel must reconnect the IOD fuse when the vehicle is being prepared for delivery in order to restore full electrical system operation.

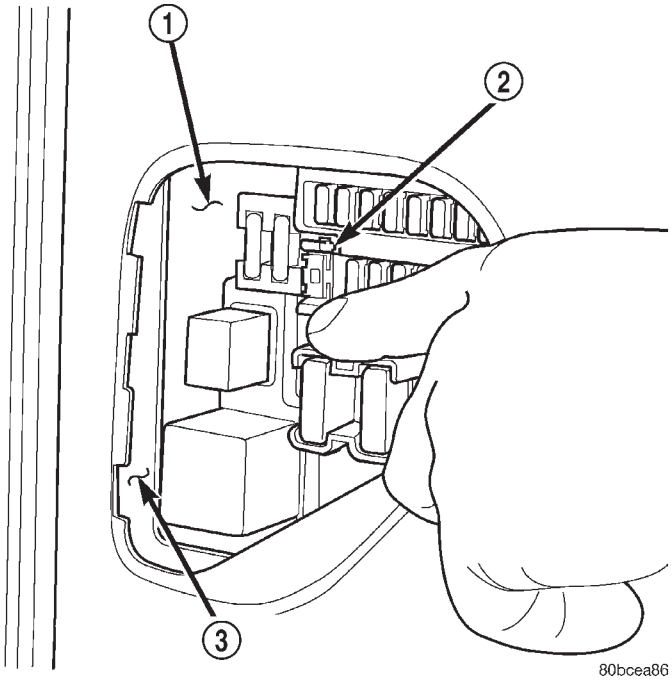


Fig. 4 Ignition-Off Draw Fuse

1 - JUNCTION BLOCK
2 - IGNITION-OFF DRAW FUSE AND HOLDER
3 - LEFT INSTRUMENT PANEL END BRACKET

(1) Turn the ignition switch to the Off position.

(2) Remove the fuse access panel by unsnapping it from the left outboard end of the instrument panel.

(3) Grasp the upper and lower tabs of the IOD fuse holder unit in fuse cavity 12 (Fig. 4) of the JB between the thumb and forefinger and pull the unit firmly outward.

(4) Install the fuse access panel by snapping it onto the left outboard end of the instrument panel.

INSTALLATION

The Ignition-Off Draw (IOD) fuse is disconnected from Junction Block (JB) fuse cavity 12 when the vehicle is shipped from the assembly plant. Dealer personnel must reconnect the IOD fuse when the vehicle is being prepared for delivery in order to restore full electrical system operation.

(1) Turn the ignition switch to the Off position.

(2) To install the IOD fuse, use a thumb to press the IOD fuse holder unit in fuse cavity 12 firmly into the JB.

(3) Install the fuse access panel by snapping it onto the left outboard end of the instrument panel.

JUNCTION BLOCK

DESCRIPTION

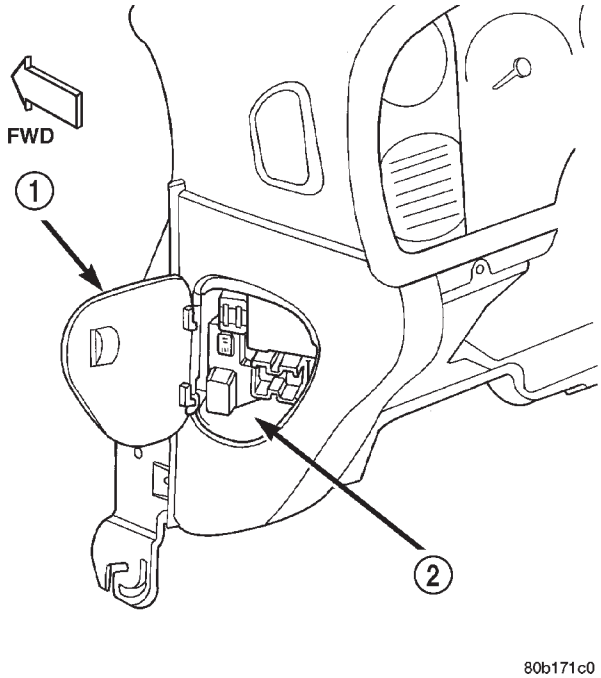


Fig. 5 Junction Block Location

1 - JUNCTION BLOCK
2 - FUSE ACCESS PANEL

An electrical Junction Block (JB) is concealed behind the left outboard end of the instrument panel cover (Fig. 5). The JB combines the functions previously provided by a separate fuseblock module and relay center, serves to simplify and centralize numerous electrical components, and to distribute electrical current to many of the accessory systems in the vehicle. It also eliminates the need for numerous splice connections and serves in place of a bulkhead connec-

JUNCTION BLOCK (Continued)

tor between many of the engine compartment, instrument panel, and body wire harnesses. The JB houses up to nineteen blade-type fuses (two standard-type and seventeen mini-type), up to two blade-type automatic resetting circuit breakers, the electronic combination turn signal and hazard warning flasher, and one International Standards Organization (ISO) micro-relay.

The molded plastic JB housing has integral mounting brackets that are secured with two screws to the left instrument panel end bracket. The left end of the instrument panel cover has a snap-fit fuse access panel that can be removed for service of the JB. A fuse puller and spare fuse holders are located on the back of the fuse access cover, as well as an adhesive-backed fuse layout map to ensure proper fuse identification.

The JB unit cannot be repaired and is only serviced as an assembly. If any internal circuit or the JB housing is faulty or damaged, the entire JB unit must be replaced.

OPERATION

All of the circuits entering and leaving the JB do so through up to nine wire harness connectors, which are connected to the JB through integral connector receptacles molded into the JB housing. Internal connection of all of the JB circuits is accomplished by an intricate combination of hard wiring and bus bars. Refer to **Wiring Diagrams** for the location of complete JB circuit diagrams.

DIAGNOSIS AND TESTING - JUNCTION BLOCK

The junction block does not incorporate any self diagnostic capability. Most of the electrical circuits incorporated into the vehicle must pass through the junction block at one point or another. The most efficient means of diagnosing a suspected junction block problem involves a simple continuity tester or ohm meter. Using the Wiring Diagrams as a guide trace the problem circuit to the proper junction block cavity and test all circuits in the effected circuit for proper continuity. A open or high resistance circuit is a sign of a problem. Some other possible junction block problems to look for are:

- Loose fuse receptacle terminals.
- Loose relay / circuit breaker receptacle terminals.
- Bent or distorted electrical circuit pins.
- Incorrect size fuse installed in junction block fuse cavity.
- Dark areas identifying a source of excess heat.
- Defective fuse, relay or circuit breaker installed in junction block cavity.

REMOVAL

(1) Disconnect and isolate the battery negative cable.

(2) Remove the fuse access bezel from the instrument panel.

(3) Remove the steering column cover (Refer to 23 - BODY/INSTRUMENT PANEL/STEERING COLUMN OPENING COVER - REMOVAL).

(4) Remove the hood release handle retaining screws and position the handle assembly out of the way.

(5) Remove the lower knee blocker from the instrument panel.

(6) Pull drivers side carpet down, out of the way.

(7) Remove the parking brake switch connector, release linkage and retaining fasteners and position the assembly out the drivers door opening.

(8) Remove the electrical ground connections, located behind park brake mounting location.

(9) Remove the two junction block retaining screws. To access the upper retaining screw a 15 inch long #2 Phillips screwdriver will be required. Access the upper screw through hole in dash support brace.

(10) Reach through the outboard side of the instrument panel steering column opening to access and disconnect all of the wire harness connectors from the Junction Block (JB) connector receptacles (Fig. 6).

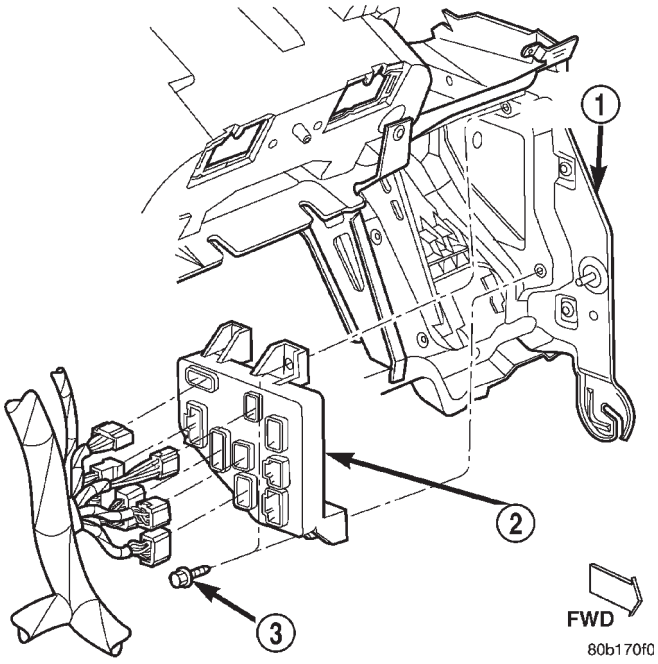


Fig. 6 Junction Block Remove/Install

1 - I.P. End Bracket
2 - Junction Block
3 - Screws

JUNCTION BLOCK (Continued)

(11) Remove the junction block from under the instrument panel.

INSTALLATION

NOTE: If the Junction Block (JB) is being replaced with a new unit, be certain to transfer each of the fuses, circuit breakers and relays from the faulty JB to the proper cavities of the replacement JB. Refer to Junction Block in the index of this service manual for the location of complete circuit diagrams and cavity assignments for the JB.

(1) Position the junction block under the instrument panel.
(2) Connect all of the wire harness connectors on the Junction Block (JB) connector receptacles.
(3) Install the two junction block retaining screws.
(4) Install the electrical ground connections, located behind park brake mounting location.
(5) Install the parking brake switch connector, release linkage and retaining fasteners.
(6) Reposition drivers side carpet.
(7) Install the lower knee blocker on the instrument panel.
(8) Install the hood release handle retaining screws.
(9) Install the steering column cover.
(10) Install the fuse access bezel on the instrument panel.
(11) Connect the battery negative cable.

POWER DISTRIBUTION CENTER

DESCRIPTION

All of the electrical current distributed throughout this vehicle is directed through the standard equipment Power Distribution Center (PDC) (Fig. 7). The molded plastic PDC housing is located in the left front corner of the engine compartment, just behind the battery. The PDC houses the generator cartridge fuse and up to twelve maxi-type cartridge fuses, which replace all in-line fusible links. The PDC also houses up to thirteen blade-type fuses (two standard-type and eleven mini-type), up to seventeen International Standards Organization (ISO) relays (five standard-type and twelve micro-type), two joint connectors (one eighteen-way and one twenty-eight-way), a forty-three-way engine wire harness in-line connector and a fuse puller.

The PDC housing is secured in the engine compartment on the outboard side with two screws to the left front inner fender shield, and with a screw on the inboard side to the left front inner wheel house. The

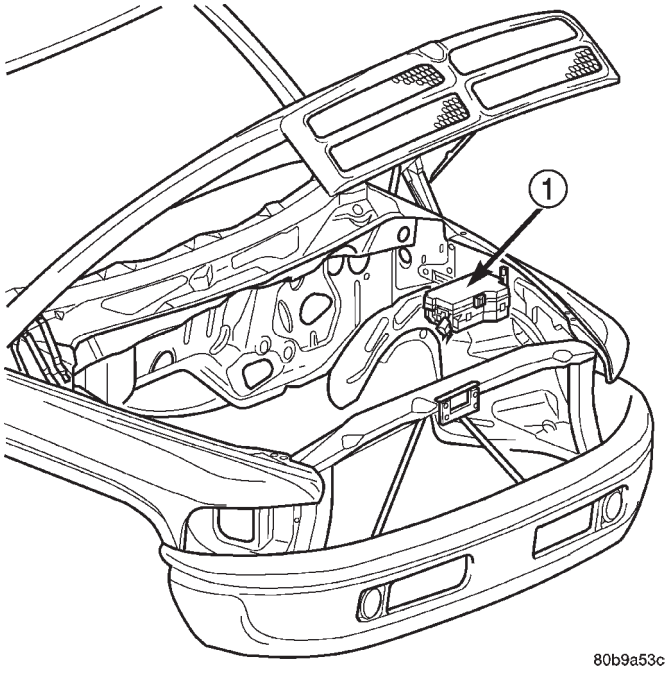


Fig. 7 Power Distribution Center Location

1 - POWER DISTRIBUTION CENTER

PDC housing has a molded plastic cover that includes two integral latches, one on each side. The PDC cover is easily opened and removed for service access and has a convenient adhesive-backed fuse and relay layout map affixed to the inside surface of the cover to ensure proper component identification.

The PDC unit cannot be repaired and is only serviced as a unit with the headlamp and dash wire harness. If the internal circuits or the PDC housing are faulty or damaged, the headlamp and dash wire harness unit must be replaced.

OPERATION

All of the current from the battery and the generator output enters the PDC through two cables with eyelets that are secured with nuts to the two B(+) terminal studs located just inside the inboard end of the PDC housing. The PDC cover is unlatched and removed to access the battery and generator output connection B(+) terminal studs, the fuses, the relays, the joint connectors and the engine wire harness in-line connector. Internal connection of all of the PDC circuits is accomplished by an intricate combination of hard wiring and bus bars. Refer to **Wiring Diagrams** for the location of complete PDC circuit diagrams.

REMOVAL

The Power Distribution Center (PDC) is serviced as a unit with the headlamp and dash wire harness. If any internal circuit of the PDC or the PDC hous-

POWER DISTRIBUTION CENTER (Continued)

ing is faulty or damaged, the entire PDC and headlamp and dash wire harness unit must be replaced.

(1) Disconnect and isolate the battery negative cable.

(2) Disconnect each of the headlamp and dash wire harness connectors. Refer to **Connector Locations** in Wiring for the location of more information on the headlamp and dash wire harness connector locations.

(3) Remove all of the fasteners that secure each of the headlamp and dash wire harness ground eyelets to the vehicle body and chassis components. Refer to **Connector Locations** in Wiring for the location of more information on the ground eyelet locations.

(4) Disengage each of the retainers that secure the headlamp and dash wire harness to the vehicle body and chassis components. Refer to **Connector Locations** in Wiring for the location of more information on the headlamp and dash wire harness retainer locations.

(5) Unlatch and remove the cover from the PDC.

(6) Remove the screw that secures the engine wire harness in-line connector to the PDC and disconnect the connector (Fig. 8).

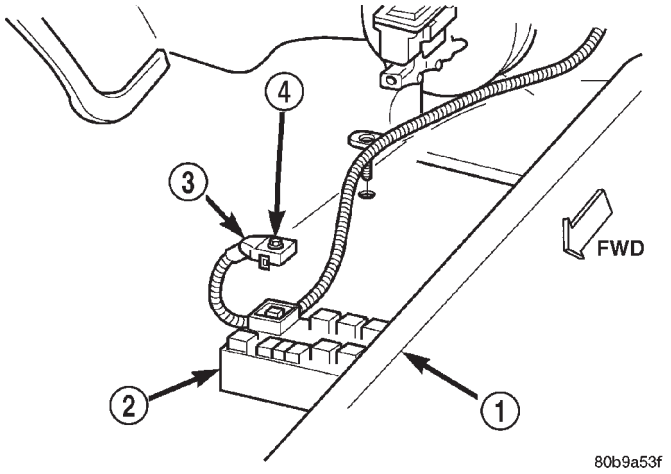


Fig. 8 Engine Wire Harness In-Line Connector

1 - LEFT FENDER
2 - POWER DISTRIBUTION CENTER
3 - ENGINE WIRE HARNESS IN-LINE CONNECTOR
4 - SCREW

(7) Remove the nut that secures the eyelet of the battery negative cable generator output take out to the rearward B(+) terminal stud in the PDC and remove the eyelet from the stud (Fig. 9).

(8) Remove the nut that secures the eyelet of the battery positive cable PDC take out to the forward B(+) terminal stud in the PDC and remove the eyelet from the stud.

(9) Remove the screw that secures the PDC housing to the left front fender wheel housing (Fig. 10).

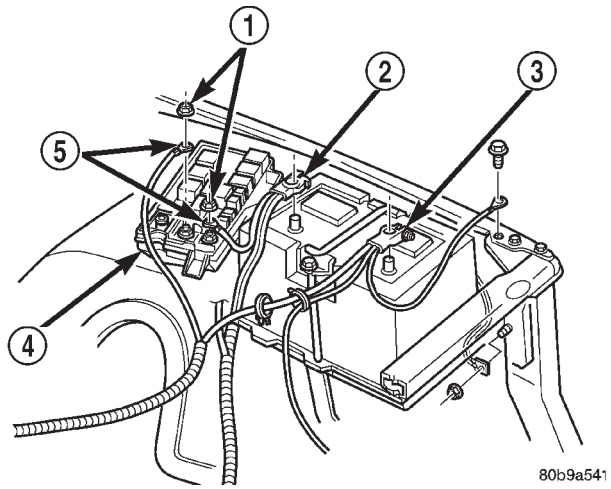


Fig. 9 Battery and Generator Connections to PDC

1 - NUTS
2 - BATTERY POSITIVE CABLE
3 - BATTERY NEGATIVE CABLE
4 - POWER DISTRIBUTION CENTER
5 - CABLE EYELETS

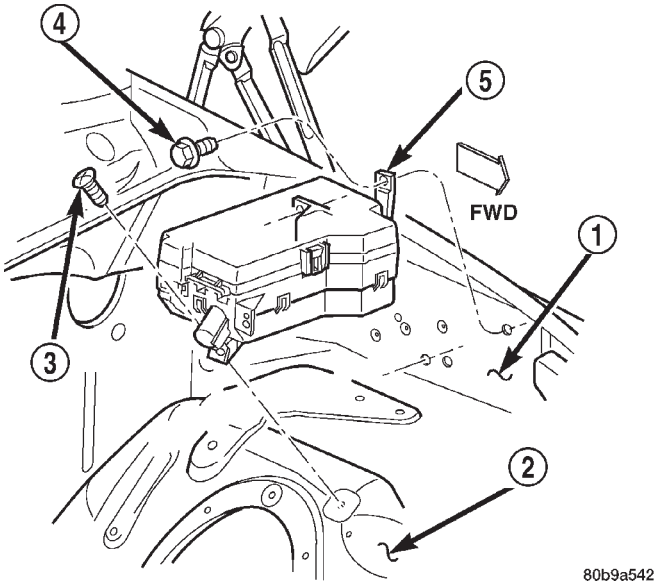


Fig. 10 Power Distribution Center

1 - FENDER INNER SHIELD
2 - INNER WHEEL HOUSE
3 - SCREW
4 - SCREW
5 - POWER DISTRIBUTION CENTER

(10) Remove the two screws that secure the PDC housing to the left front fender inner shield.

(11) Remove the PDC and the headlamp and dash wire harness from the engine compartment as a unit.

POWER DISTRIBUTION CENTER (Continued)

INSTALLATION

The Power Distribution Center (PDC) is serviced as a unit with the headlamp and dash wire harness. If any internal circuit of the PDC or the PDC housing is faulty or damaged, the entire PDC and headlamp and dash wire harness unit must be replaced.

NOTE: If the PDC is being replaced with a new unit, be certain to transfer each of the blade-type fuses, cartridge fuses and relays from the faulty PDC to the proper cavities of the replacement PDC. Refer to Power Distribution in the index of this service manual for the location of complete PDC circuit diagrams and cavity assignments.

(1) Position the PDC and the headlamp and dash wire harness unit in the engine compartment.

(2) Install and tighten the two screws that secure the PDC housing to the left front fender inner shield. Tighten the screws to 8.4 N·m (75 in. lbs.).

(3) Install and tighten the screw that secures the PDC housing to the left front fender wheel housing. Tighten the screw to 2.2 N·m (20 in. lbs.).

(4) Install the eyelet of the battery positive cable PDC take out onto the forward B(+) terminal stud in the PDC.

(5) Install and tighten the nut that secures the eyelet of the battery positive cable PDC take out to the forward B(+) terminal stud in the PDC. Tighten the nut to 8.4 N·m (75 in. lbs.).

(6) Install the eyelet of the battery negative cable generator output take out onto the rearward B(+) terminal stud in the PDC.

(7) Install and tighten the nut that secures the eyelet of the battery negative cable generator output take out to the rearward B(+) terminal stud in the PDC. Tighten the nut to 75 in. lbs.

(8) Reconnect the engine wire harness in-line connector to the PDC.

(9) Install and tighten the screw that secures the engine wire harness in-line connector to the PDC. Tighten the screw until a distinct audible click is heard.

(10) Install and latch the cover onto the PDC.

(11) Engage each of the retainers that secure the headlamp and dash wire harness to the vehicle body and chassis components. Refer to **Connector Locations** in Wiring for the location of more information on the headlamp and dash wire harness retainer locations.

(12) Install all of the fasteners that secure each of the headlamp and dash wire harness ground eyelets to the vehicle body and chassis components. Refer to **Connector Locations** in Wiring for the location of more information on the ground eyelet locations.

(13) Reconnect each of the headlamp and dash wire harness connectors. Refer to **Connector Locations** in Wiring for the location of more information on the headlamp and dash wire harness connector locations.

(14) Reconnect the battery negative cable.

POWER OUTLET

DESCRIPTION

Two power outlets are installed in the vehicle. One in the instrument panel next to the cigar lighter and the other in the right rear quarter trim panel. The power outlet bases are secured by a snap fit within the instrument panel or trim panel. A plastic protective cap snaps into the power outlet base when the power outlet is not being used, and hangs from the power outlet base mount by an integral bail strap while the power outlet is in use.

The power outlet receptacle unit and the accessory power outlet protective cap are available for service. The power outlet receptacle cannot be repaired and, if faulty or damaged, it must be replaced.

OPERATION

The power outlet base or receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The power outlet receives battery voltage from a fuse in the Junction Block at all times.

While the power outlet is very similar to a cigar lighter base unit, it does not include the two small spring-clip retainers inside the bottom of the receptacle shell that are used to secure the cigar lighter heating element to the insulated contact.

DIAGNOSIS AND TESTING - POWER OUTLET

For complete circuit diagrams, refer to **Power Outlet** in Wiring Diagrams.

(1) Check the fused B(+) fuse in the junction block. If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the faulty fuse.

(2) Check for battery voltage at the fused B(+) fuse in the junction block. If OK, go to Step 3. If not OK, repair the open fused B(+) circuit to the battery as required.

(3) Remove the plastic protective cap from the power outlet receptacle. Check for continuity between the inside circumference of the power outlet receptacle and a good ground. There should be continuity. If OK, go to Step 4. If not OK, go to Step 5.

(4) Check for battery voltage at the insulated contact located at the back of the power outlet receptacle. If not OK, go to Step 5.

POWER OUTLET (Continued)

(5) Disconnect and isolate the battery negative cable. Remove the power outlet receptacle from the instrument panel. Disconnect the wire harness connector from the power outlet receptacle. Check for continuity between the ground circuit cavity of the power outlet wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.

(6) Connect the battery negative cable. Check for battery voltage at the fused B(+) circuit cavity of the power outlet wire harness connector. If OK, replace the faulty power outlet receptacle. If not OK, repair the open fused B(+) circuit to the junction block fuse as required.

REMOVAL

(1) Disconnect and isolate the battery negative cable.

(2) Pull the cigar lighter knob and element out of the cigar lighter receptacle base, or unsnap the protective cap from the power outlet receptacle base (Fig. 11).

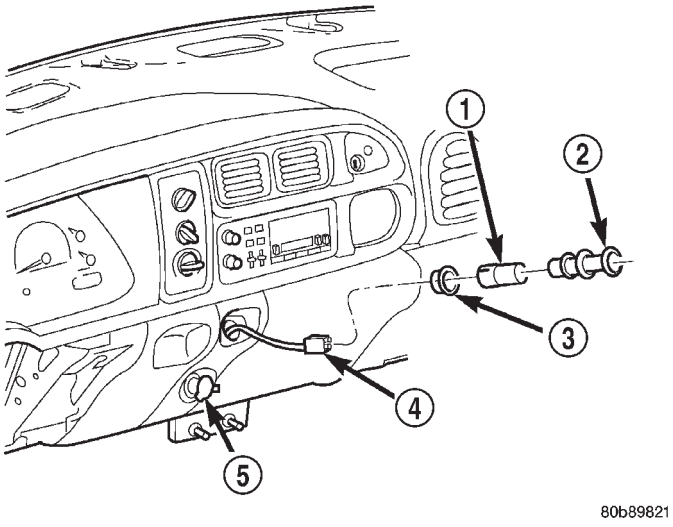


Fig. 11 Cigar Lighter and Power Outlet - Typical

1 - RECEPTACLE BASE
2 - KNOB & ELEMENT
3 - MOUNT
4 - WIRE HARNESS CONNECTOR
5 - POWER OUTLET

(3) Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses of the mount that secures the receptacle base to the instrument panel (Fig. 12).

(4) Insert a pair of external snap ring pliers into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.

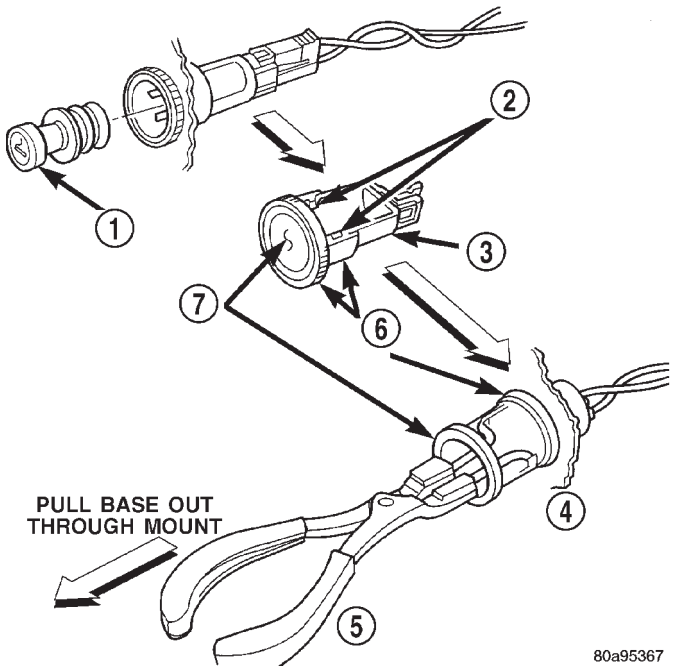


Fig. 12 Cigar Lighter and Power Outlet Remove/ Install

1 - KNOB AND ELEMENT
2 - RETAINING BOSSES-ENGAGE PLIERS HERE
3 - BASE
4 - PARTIALLY REMOVED
5 - EXTERNAL SNAP-RING PLIERS
6 - MOUNT
7 - BASE

(5) Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.

(6) Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector.

(7) Disconnect the instrument panel wire harness connector from the cigar lighter or power outlet receptacle base connector receptacle.

(8) Remove the cigar lighter or power outlet mount from the instrument panel.

INSTALLATION

(1) Reconnect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.

(2) Install the cigar lighter or power outlet mount into the instrument panel.

(3) Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.

POWER OUTLET (Continued)

(4) Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.

(5) Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.

(6) Reconnect the battery negative cable.

HORN RELAY

DESCRIPTION

The horn relay is a International Standards Organization (ISO) micro-relay. The terminal designations and functions are the same as a conventional ISO relay. However, the micro-relay terminal orientation (or footprint) is different, current capacity is lower, and the relay case dimensions are smaller than those of the conventional ISO relay.

The horn relay is a electromechanical device that switches battery current to the horn when the horn switch or when the high-line or premium Central Timer Module (CTM) grounds the relay coil. See Horn Relay in the Diagnosis and Testing section of this group for more information.

The horn relay is located in the Power Distribution Center (PDC), in the engine compartment. Refer to the PDC label for relay identification and location.

If a problem is encountered with a continuously sounding horn, it can usually be quickly resolved by removing the horn relay from the PDC until further diagnosis is completed.

The horn relay cannot be repaired and, if faulty or damaged, it must be replaced.

DIAGNOSIS AND TESTING - HORN RELAY

The headlamp (or security) relay and the horn relay are located in the Power Distribution Center (PDC) in the engine compartment. Each of these relays can be tested as described in the following procedure, however the circuits they are used in do vary. To test the relay circuits, refer to the circuit descriptions and diagrams in Wiring Diagrams.

WARNING: ON VEHICLES EQUIPPED WITH AIRBAGS, REFER TO THE RESTRAINTS SECTION OF THE SERVICE MANUAL BEFORE ATTEMPTING ANY STEERING WHEEL, STEERING COLUMN, OR INSTRUMENT PANEL COMPONENT DIAGNOSIS OR SERVICE. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT AND POSSIBLE PERSONAL INJURY.

Remove the relay (Fig. 13) from the PDC as described in this group to perform the following tests:

(1) A relay in the de-energized position should have continuity between terminals 87A and 30, and no continuity between terminals 87 and 30. If OK, go to Step 2. If not OK, replace the faulty relay.

(2) Resistance between terminals 85 and 86 (electromagnet) should be 75 ± 5 ohms. If OK, go to Step 3. If not OK, replace the faulty relay.

(3) Connect a battery to terminals 85 and 86. There should now be continuity between terminals 30 and 87, and no continuity between terminals 87A and 30. If OK, test the relay circuits. If not OK, replace the faulty relay.

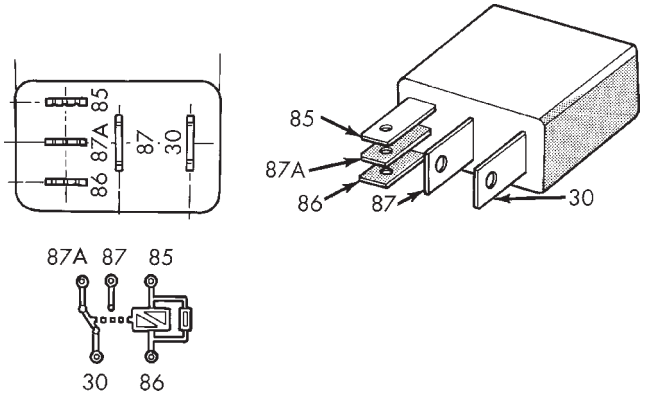


Fig. 13 Relay Terminals

TERMINAL LEGEND

NUMBER	IDENTIFICATION
30	COMMON FEED
85	COIL GROUND
86	COIL BATTERY
87	NORMALLY OPEN
87A	NORMALLY CLOSED

REMOVAL

(1) Disconnect and isolate the battery negative cable.

(2) Remove the cover from the Power Distribution Center (PDC) (Fig. 14).

(3) Refer to the label on the PDC for horn relay identification and location.

(4) Unplug the horn relay from the PDC.

INSTALLATION

(1) Install the horn relay by aligning the relay terminals with the cavities in the PDC and pushing the relay firmly into place.

(2) Install the PDC cover.

(3) Connect the battery negative cable.

(4) Test the relay operation.

HORN RELAY (Continued)

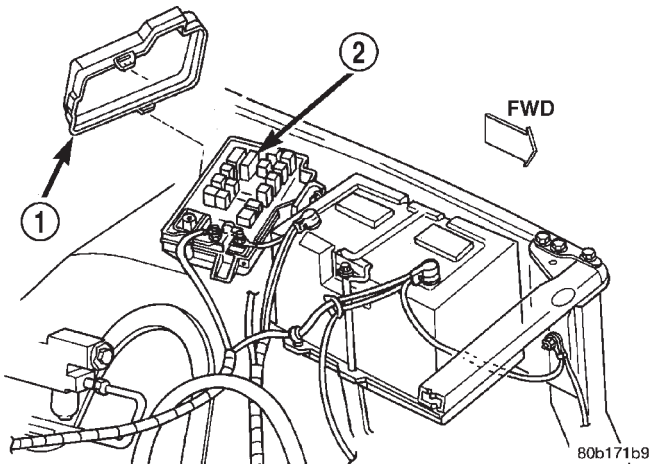


Fig. 14 Power Distribution Center

1 - COVER
2 - POWER DISTRIBUTION CENTER

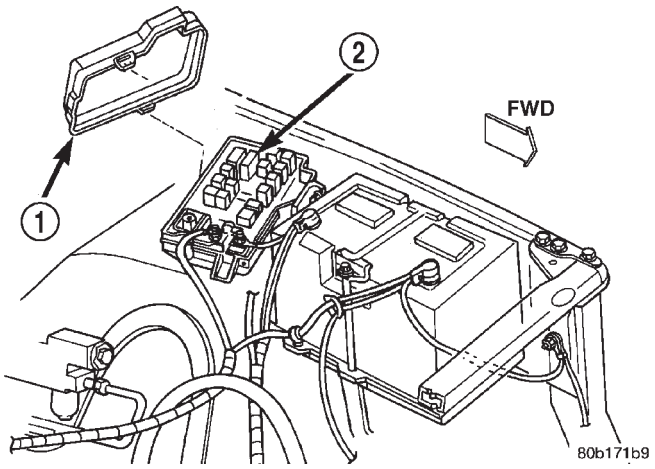


Fig. 15 Power Distribution Center

1 - COVER
2 - POWER DISTRIBUTION CENTER

HEADLAMP RELAY

DESCRIPTION

The headlamp (or security) relay is a International Standards Organization (ISO) micro-relay. The terminal designations and functions are the same as a conventional ISO relay. However, the micro-relay terminal orientation (or footprint) is different, current capacity is lower, and the relay case dimensions are smaller than those of the conventional ISO relay.

The headlamp relay is a electromechanical device that switches battery current to the headlamps when the high-line or premium Central Timer Module (CTM) grounds the relay coil. See Headlamp Relay in the Diagnosis and Testing section of this group for more information.

The headlamp (or security) relay is located in the Power Distribution Center (PDC), in the engine compartment. Refer to the PDC label for relay identification and location.

The headlamp relay cannot be repaired and, if faulty or damaged, it must be replaced.

REMOVAL

(1) Disconnect and isolate the battery negative cable.

(2) Remove the cover from the Power Distribution Center (PDC) (Fig. 15).

(3) Refer to the label on the PDC for headlamp (or security) relay identification and location.

(4) Unplug the headlamp relay from the PDC.

INSTALLATION

(1) Install the headlamp relay by aligning the relay terminals with the cavities in the PDC and pushing the relay firmly into place.

(2) Install the PDC cover.

(3) Connect the battery negative cable.

(4) Test the relay operation.

MICRO-RELAY

DESCRIPTION

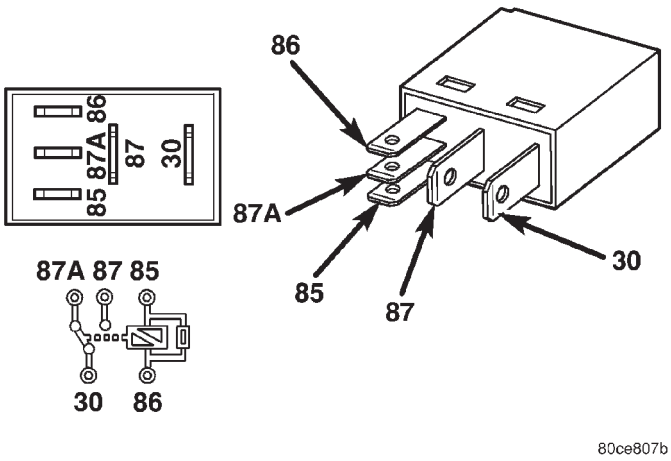


Fig. 16 ISO MICRO RELAY

30 - COMMON FEED
85 - COIL GROUND
86 - COIL BATTERY
87 - NORMALLY OPEN
87A - NORMALLY CLOSED

A micro-relay is a conventional International Standards Organization (ISO) micro relay (Fig. 16). Relays conforming to the ISO specifications have common physical dimensions, current capacities, terminal patterns, and terminal functions. The relay is

MICRO-RELAY (Continued)

contained within a small, rectangular, molded plastic housing and is connected to all of the required inputs and outputs by five integral male spade-type terminals that extend from the bottom of the relay base.

Relays cannot be adjusted or repaired and, if faulty or damaged, the unit must be replaced.

OPERATION

A micro-relay is an electromechanical switch that uses a low current input from one source to control a high current output to another device. The movable common feed contact point is held against the fixed normally closed contact point by spring pressure. When the relay coil is energized, an electromagnetic field is produced by the coil windings. This electromagnetic field draws the movable relay contact point away from the fixed normally closed contact point, and holds it against the fixed normally open contact point. When the relay coil is de-energized, spring pressure returns the movable contact point back against the fixed normally closed contact point. A resistor is connected in parallel with the relay coil in the relay, and helps to dissipate voltage spikes and electromagnetic interference that can be generated as the electromagnetic field of the relay coil collapses.

DIAGNOSIS AND TESTING - MICRO-RELAY

(1) Remove the relay from its mounting location.

(2) A relay in the de-energized position should have continuity between terminals 87A and 30, and no continuity between terminals 87 and 30. If OK, go to Step 3. If not OK, replace the faulty relay.

(3) Resistance between terminals 85 and 86 (electromagnet) should be 67.5 - 82.5 ohms. If OK, go to Step 4. If not OK, replace the faulty relay.

(4) Connect a battery to terminals 85 and 86. There should now be continuity between terminals 30 and 87, and no continuity between terminals 87A and 30. If OK, reinstall the relay and use a DRBIII® scan tool to perform further testing. Refer to the appropriate diagnostic information.

Refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

REMOVAL

(1) Remove the relay by grasping it firmly and pulling it straight out from its receptacle.

INSTALLATION

(1) Align the micro-relay terminals with the terminal cavities in the receptacle.

(2) Push firmly and evenly on the top of the relay until the terminals are fully seated in the terminal cavities in the receptacle.

RELAY

DESCRIPTION

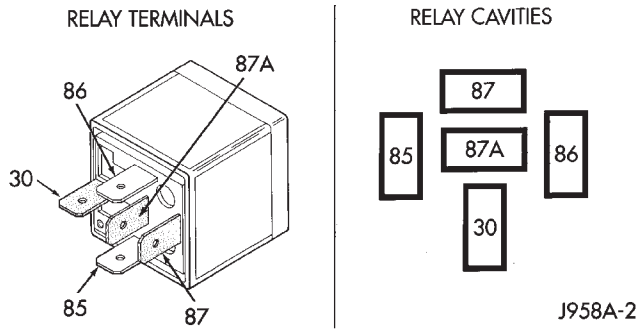


Fig. 17 TYPE 1 RELAY

A relay is an electromechanical device that switches fused battery current to a electrical component when the ignition switch is turned to the Accessory or Run positions, or when controlled by a electronic module. The relays are located in the junction block or power distribution center (Fig. 17).

The relay is a International Standards Organization (ISO) relay. Relays conforming to the ISO specifications have common physical dimensions, current capacities, terminal patterns, and terminal functions.

A relay cannot be repaired or adjusted and, if faulty or damaged, it must be replaced.

OPERATION

The ISO relay consists of an electromagnetic coil, a resistor and three (two fixed and one movable) electrical contacts. The movable (common feed) relay contact is held against one of the fixed contacts (normally closed) by spring pressure. When the electromagnetic coil is energized, it draws the movable contact away from the normally closed fixed contact, and holds it against the other (normally open) fixed contact.

When the electromagnetic coil is de-energized, spring pressure returns the movable contact to the normally closed position. The resistor is connected in parallel with the electromagnetic coil in the relay, and helps to dissipate voltage spikes that are produced when the coil is de-energized.

RELAY (Continued)

DIAGNOSIS AND TESTING - RELAY

The relays are located in the junction block or power distribution center. For complete circuit diagrams, refer to **Wiring Diagrams**.

(1) Remove the relay from its mounting location.

(2) A relay in the de-energized position should have continuity between terminals 87A and 30, and no continuity between terminals 87 and 30. If OK, go to Step 3. If not OK, replace the faulty relay.

(3) Resistance between terminals 85 and 86 (electromagnet) should be 60.7 - 80.3 ohms. If OK, go to Step 4. If not OK, replace the faulty relay.

(4) Connect a battery to terminals 85 and 86. There should now be continuity between terminals 30 and 87, and no continuity between terminals 87A and 30. If OK, perform the Relay Circuit Test that follows. If not OK, replace the faulty relay.

DIAGNOSIS AND TESTING - RELAY CIRCUIT TEST

(1) The relay common feed terminal cavity (30) of the junction block or power distribution center is connected to battery voltage and should be hot at all times. Check for battery voltage at the fused B(+) circuit cavity in the junction block receptacle for the relay. If OK, go to Step 2. If not OK, repair the fused B(+) circuit to the Power Distribution Center (PDC) fuse as required.

(2) The relay normally closed terminal (87A) is connected to terminal 30 in the de-energized position, but is not used for this application. Go to Step 3.

(3) The relay normally open terminal (87) is connected to the common feed terminal (30) in the energized position. This terminal supplies battery voltage to the fused B(+) fuse in the junction block that feeds the accessory when the relay is energized by the ignition switch. There should be continuity between the junction block cavity for relay terminal 87 and the fused B(+) fuse in the junction block at all times. If OK, go to Step 4. If not OK, repair the open fused B(+) circuit to the junction block fuse as required.

(4) The coil ground terminal (85) is connected to the electromagnet in the relay. It receives battery feed to energize the relay when the ignition switch is in the Accessory or Run positions. Turn the ignition switch to the On position. Check for battery voltage at the fused ignition switch output (acc/run) circuit cavity for relay terminal 85 in the junction block receptacle for the relay. If OK, go to Step 5. If not OK, repair the open fused ignition switch output (acc/run) circuit to the ignition switch as required.

(5) The coil battery terminal (86) is connected to the electromagnet in the relay. The junction block cavity for this terminal should have continuity to ground at all times. If not OK, repair the open ground circuit to ground as required.

REMOVAL

(1) Remove the relay by grasping it firmly and pulling it straight out from its receptacle.

INSTALLATION

(1) Position the relay to the proper receptacle.

(2) Align the relay terminals with the terminal cavities in the receptacle.

(3) Push firmly and evenly on the top of the relay until the terminals are fully seated in the terminal cavities in the receptacle.