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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.

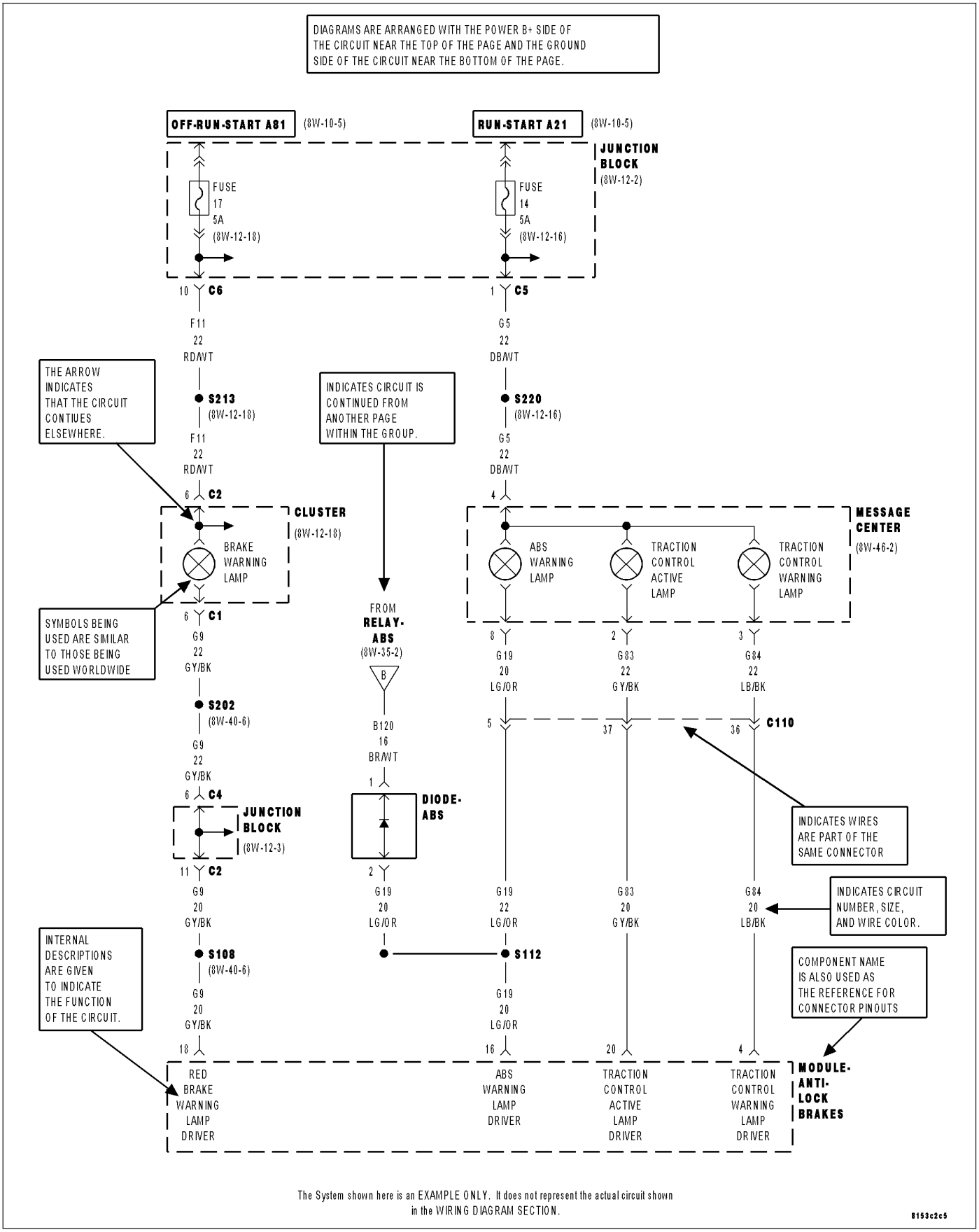
Diagrams are arranged such that the power (B+) side of the circuit is placed near the top of the page, and the ground (B-) side of the circuit is placed near the bottom of the page.

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

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

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

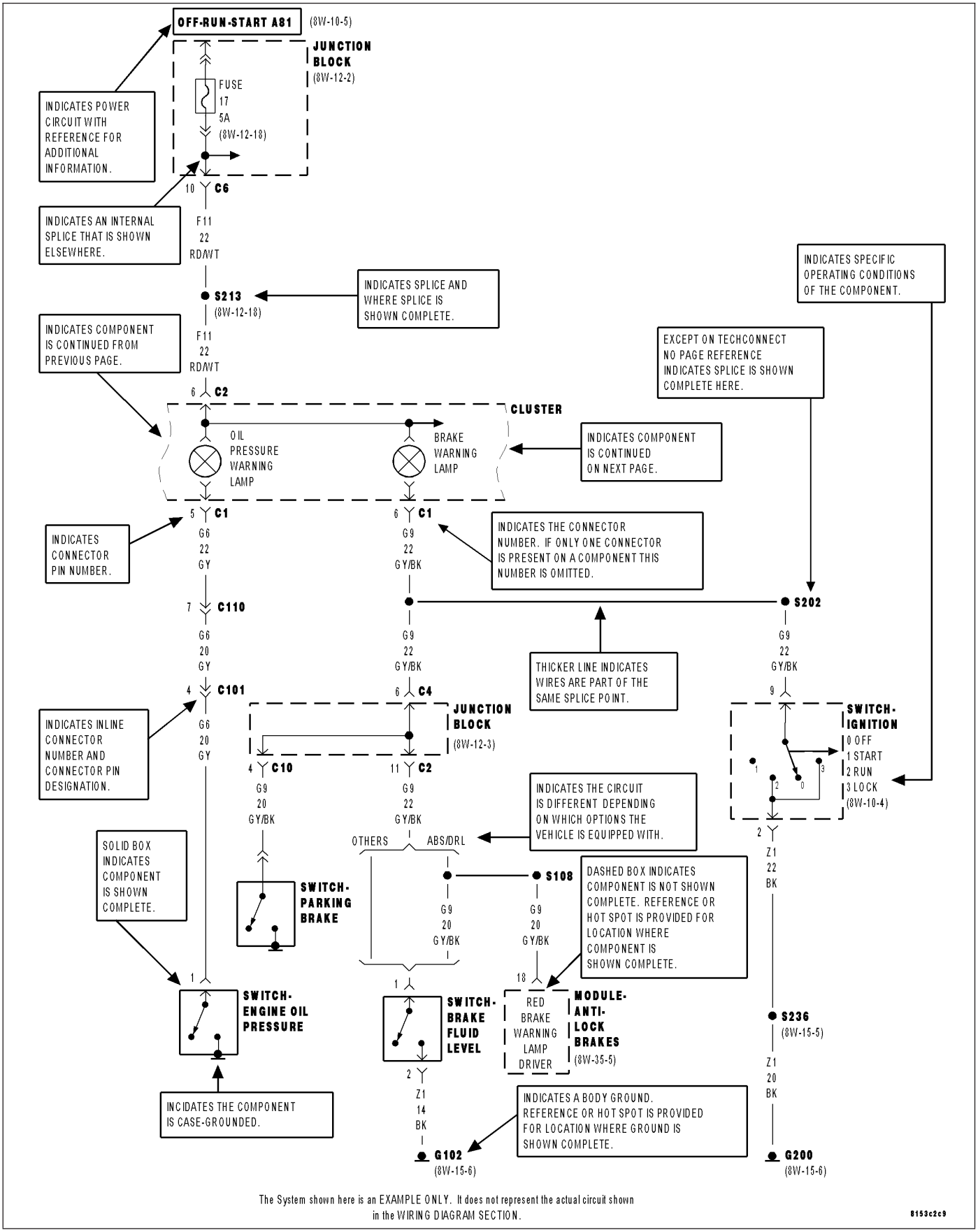
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The System shown here is an EXAMPLE ONLY. It does not represent the actual circuit shown in the WIRING DIAGRAM SECTION.

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

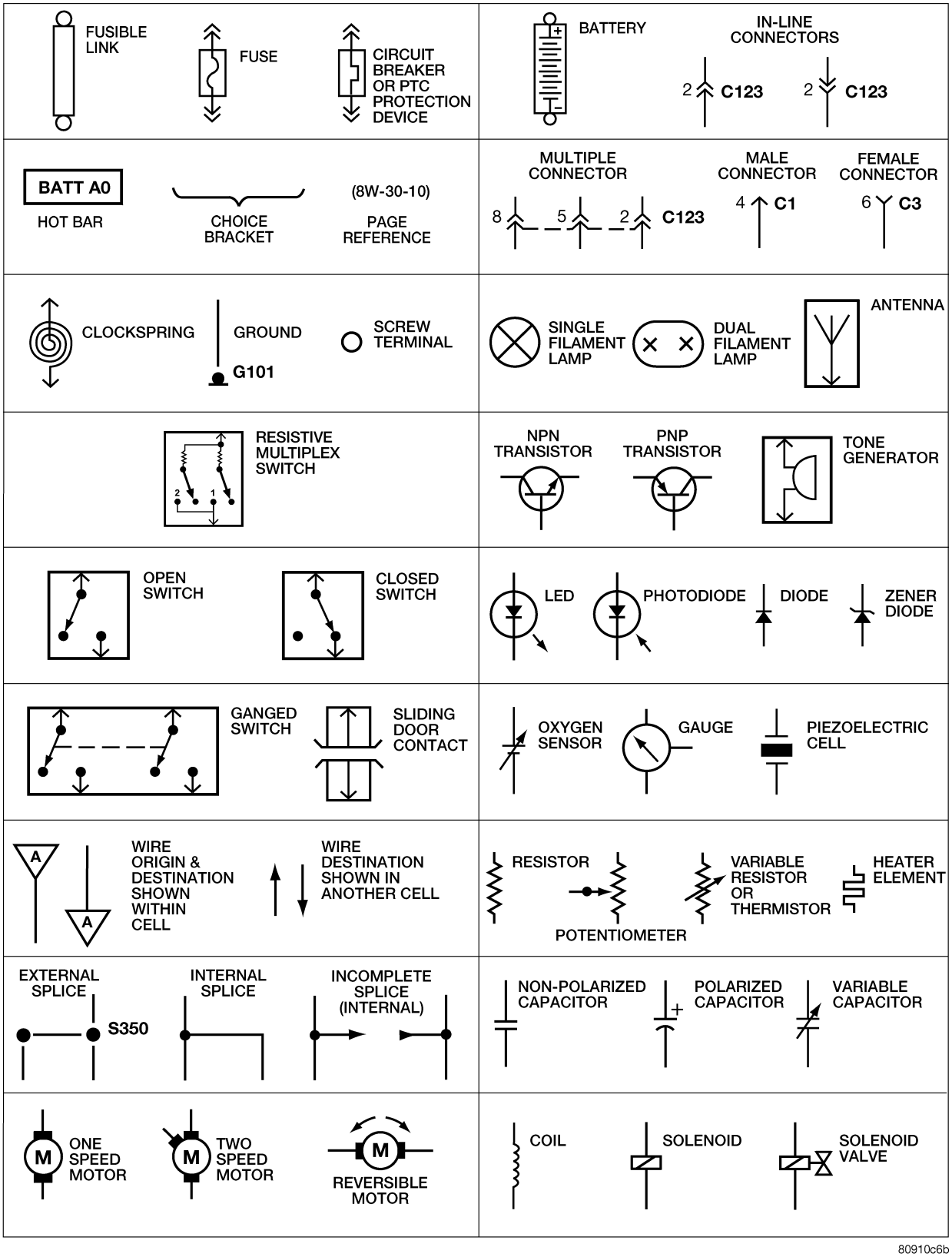
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SYMBOLS

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

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TERMINOLOGY

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

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

DESCRIPTION - CIRCUIT INFORMATION

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

WIRE COLOR CODE CHART

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

DESCRIPTION - CIRCUIT FUNCTIONS

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

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CIRCUIT IDENTIFICATION CODE CHART

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

DESCRIPTION - SECTION IDENTIFICATION AND INFORMATION

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

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

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

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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. In addition, S001–S099 numbers are located in the engine compartment.
- Component connectors are identified by the component name instead of a number. Multiple connectors on a component use a C1, C2, etc. identifier.

LOCATIONS

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

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

WARNING

WARNINGS - GENERAL

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

WARNING: Always wear safety glasses for eye protection.

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

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

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

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

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

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

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

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

DIAGNOSIS AND TESTING - WIRING HARNESS

TROUBLESHOOTING TOOLS

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

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

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

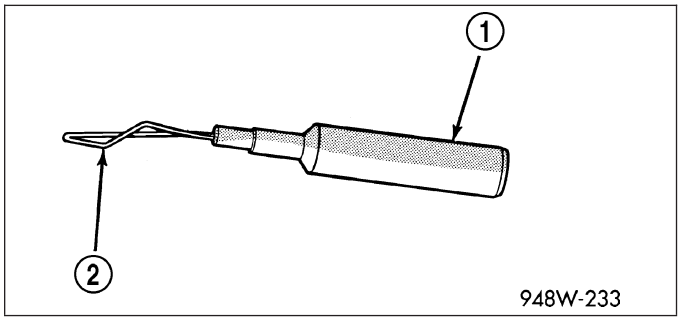
- Voltmeter - Used to check for voltage on a circuit. Always connect the black lead to a known good ground and the red lead to the positive side of the circuit.

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

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

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

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



INTERMITTENT AND POOR CONNECTIONS

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

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

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TROUBLESHOOTING WIRING PROBLEMS

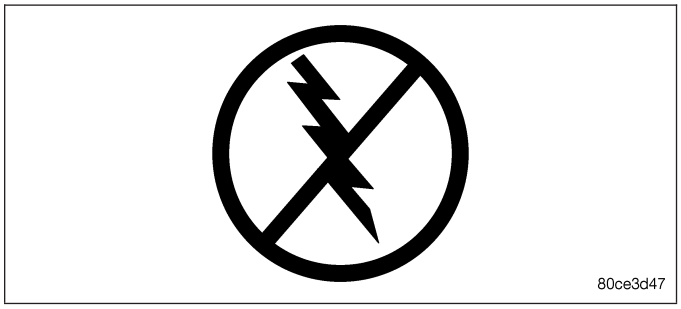
When troubleshooting wiring problems there are six steps which can aid in the procedure. The steps are listed and explained below. Always check for non-factory items added to the vehicle before doing any diagnosis. If the vehicle is equipped with these items, disconnect them to verify these add-on items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

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

STANDARD PROCEDURE

STANDARD PROCEDURE - ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES

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

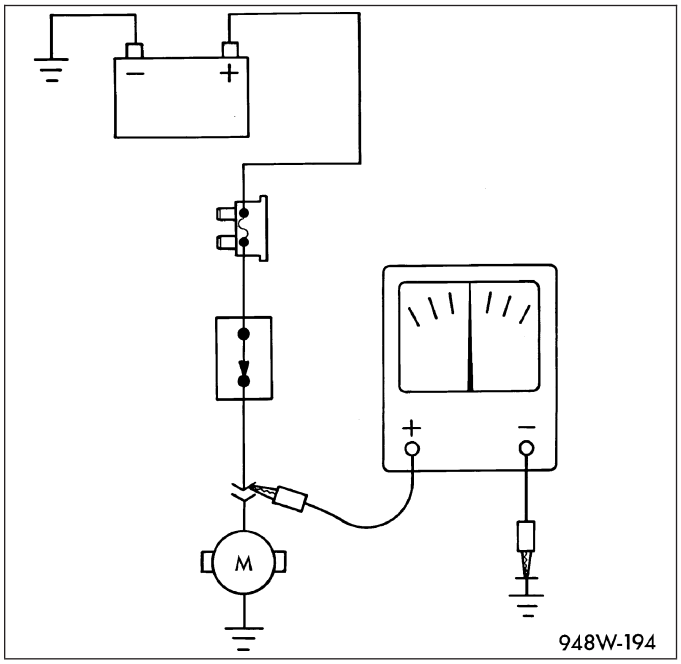


1. Always touch a known good ground before handling the part. This should be repeated while handling the part and more frequently after sliding across a seat, sitting down from a standing position, or walking a distance.
2. Avoid touching electrical terminals of the part, unless instructed to do so by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

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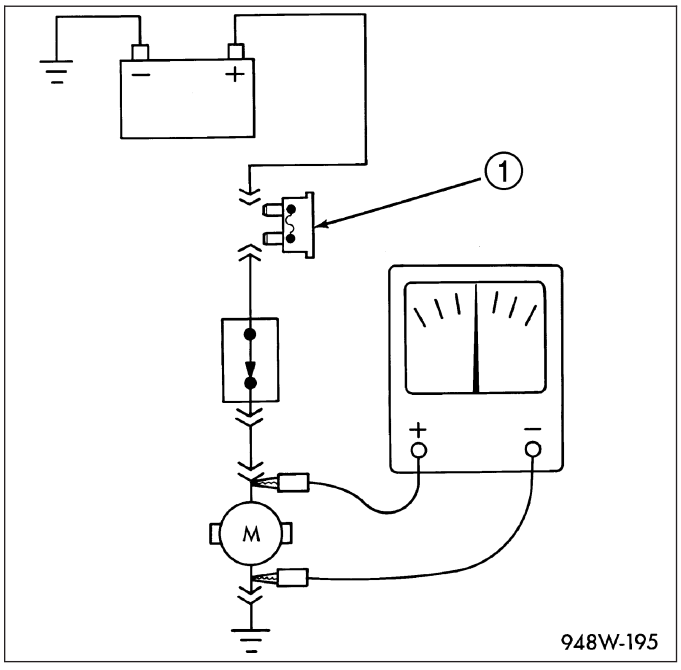
STANDARD PROCEDURE - TESTING OF VOLTAGE POTENTIAL

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



STANDARD PROCEDURE - TESTING FOR CONTINUITY

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



STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND

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

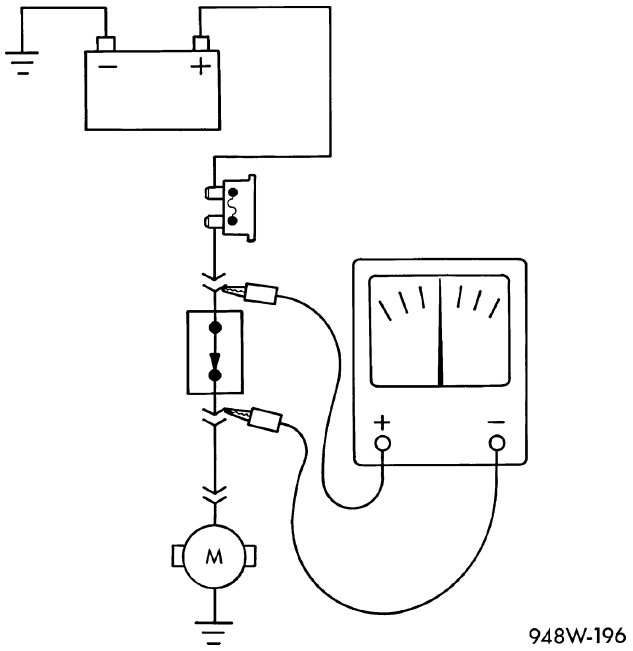
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STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND ON FUSES POWERING SEVERAL LOADS

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

STANDARD PROCEDURE - TESTING FOR A VOLTAGE DROP

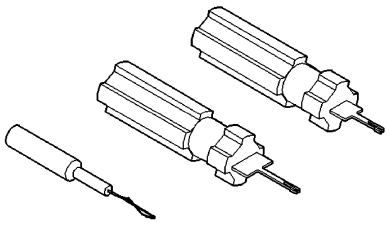
1. Connect the positive lead of the voltmeter to the side of the circuit closest to the battery.
2. Connect the other lead of the voltmeter to the other side of the switch, component or circuit.
3. Operate the item.
4. The voltmeter will show the difference in voltage between the two points.



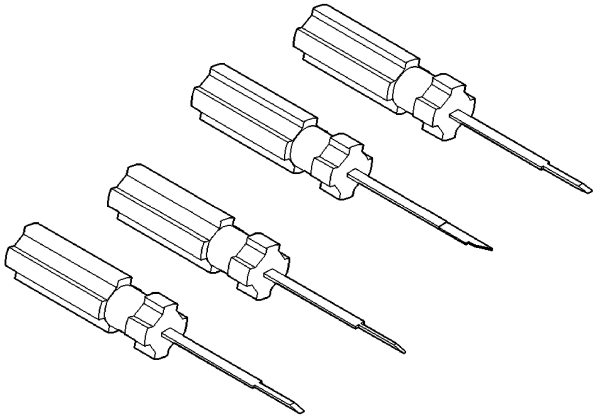
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SPECIAL TOOLS

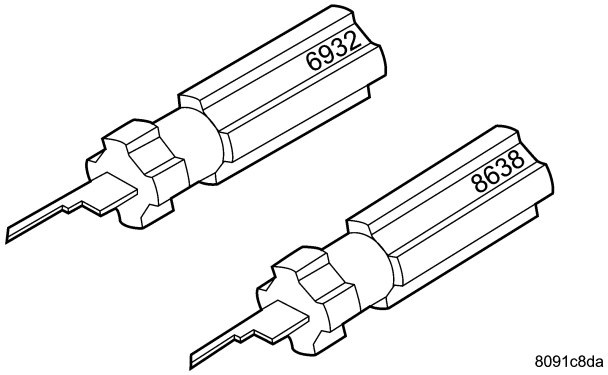
WIRING/TERMINAL



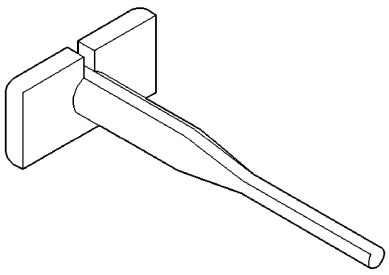
PROBING TOOL PACKAGE 6807



TERMINAL PICK TOOL SET 6680



TERMINAL REMOVING TOOLS 6932 AND 8638



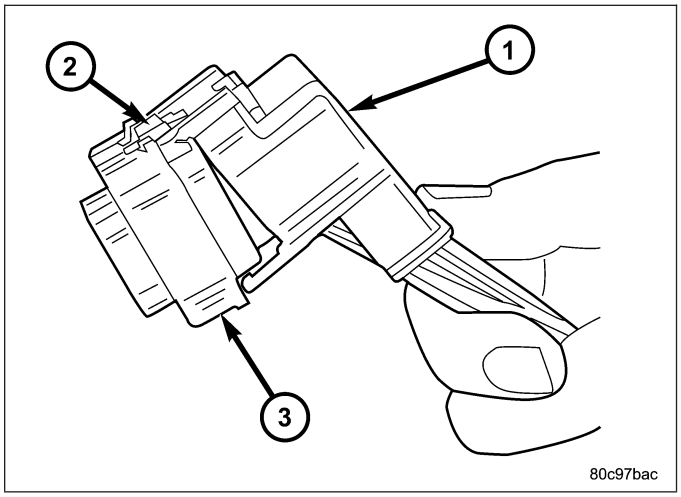
TERMINAL REMOVING TOOL 6934

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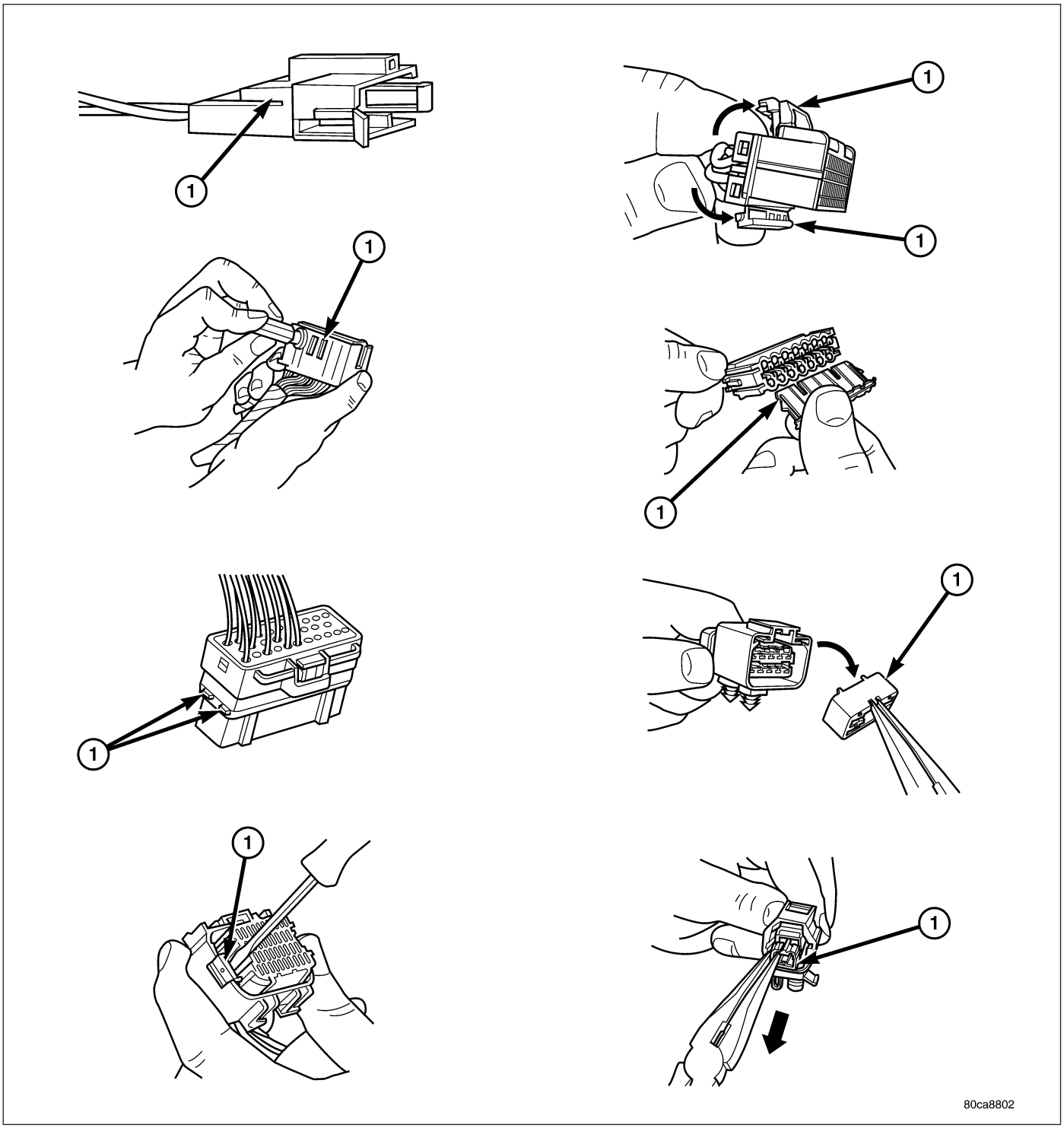
CONNECTOR

REMOVAL

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

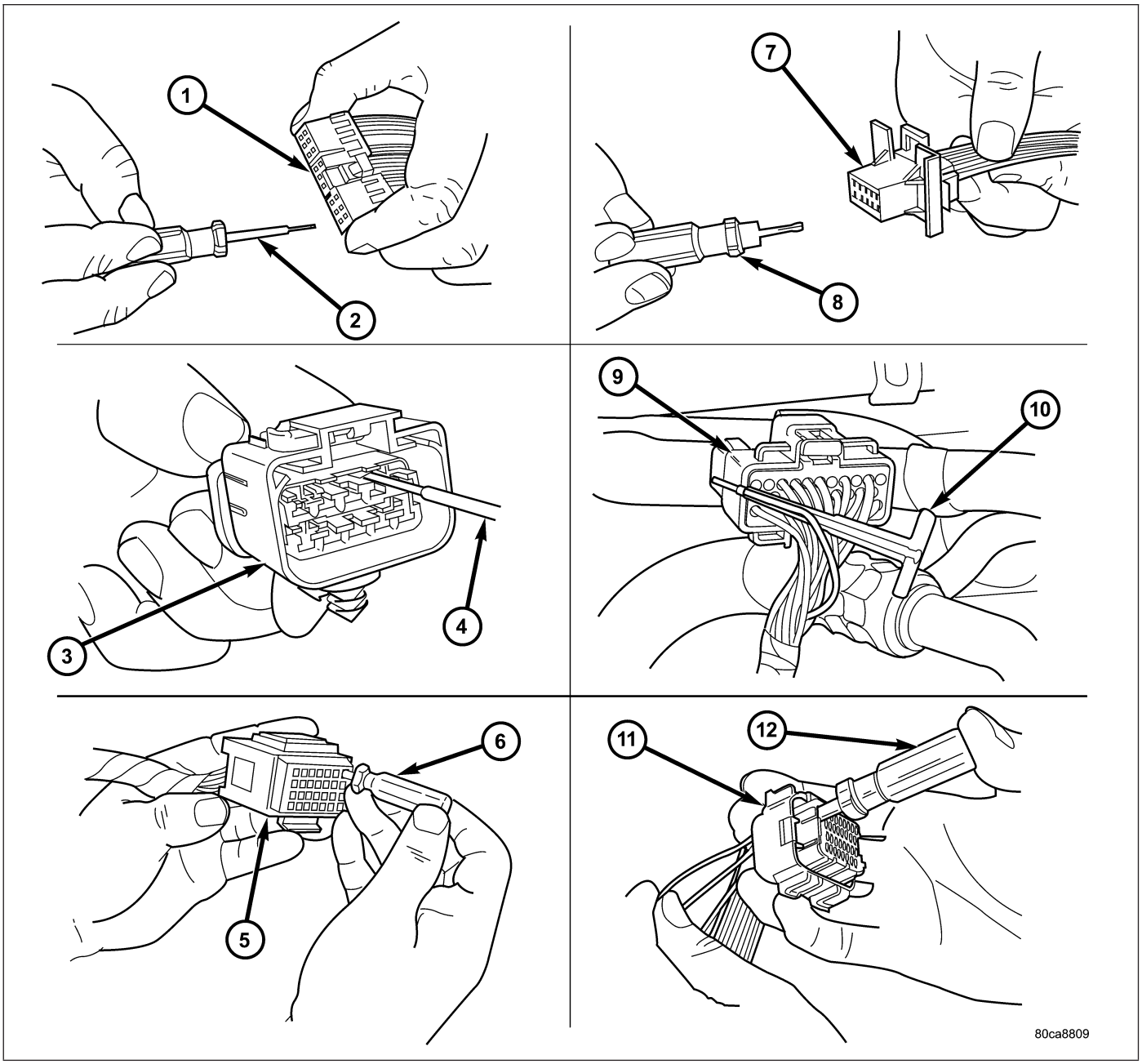


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5. Release the Secondary Terminal Lock, if required (1).

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

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

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INSTALLATION

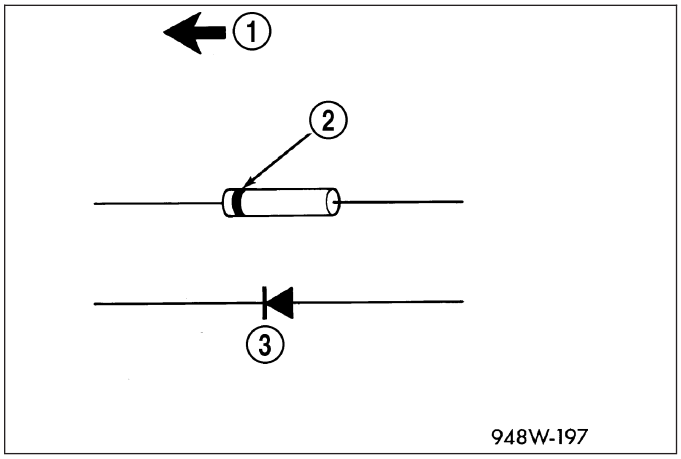
1. Insert the removed terminal in the same cavity on the repair connector.
2. Repeat steps for each terminal in the connector, being sure that all wires are inserted into the proper cavities. For additional connector pin-out identification, refer to the wiring diagrams.
3. When the connector is re-assembled, 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.

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DIODE

REMOVAL

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



INSTALLATION

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

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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) (Refer to 8 - ELECTRICAL/WIRING DIAGRAM INFORMATION/WIRE - STANDARD 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.

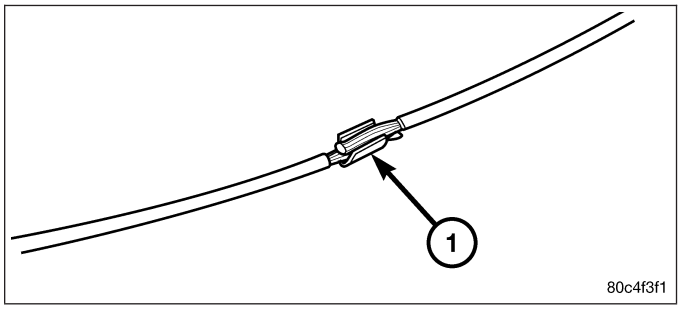
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WIRE

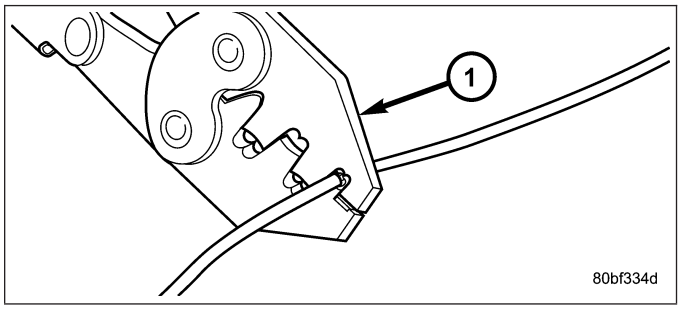
STANDARD PROCEDURE - WIRE SPLICING

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

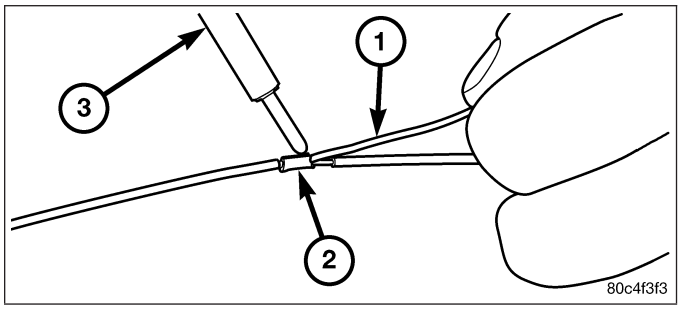
1. Remove one-half (1/2) inch of insulation from each wire that needs to be spliced.
2. Place a piece of adhesive lined heat shrink tubing on one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.
3. Place the strands of wire overlapping each other inside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



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

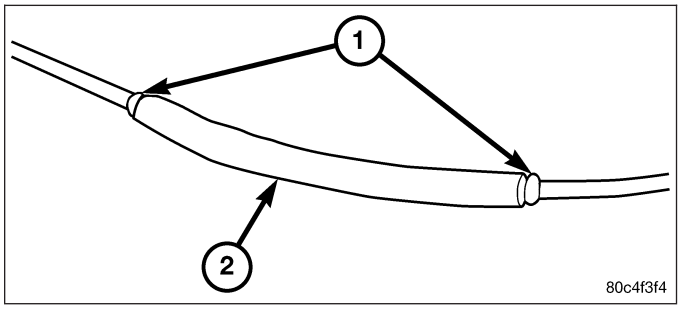


5. Solder (3) the connection (2) together using rosin core type solder (1) only.



CAUTION: DO NOT USE ACID CORE SOLDER.

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



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8W-13 INTEGRATED POWER MODULE

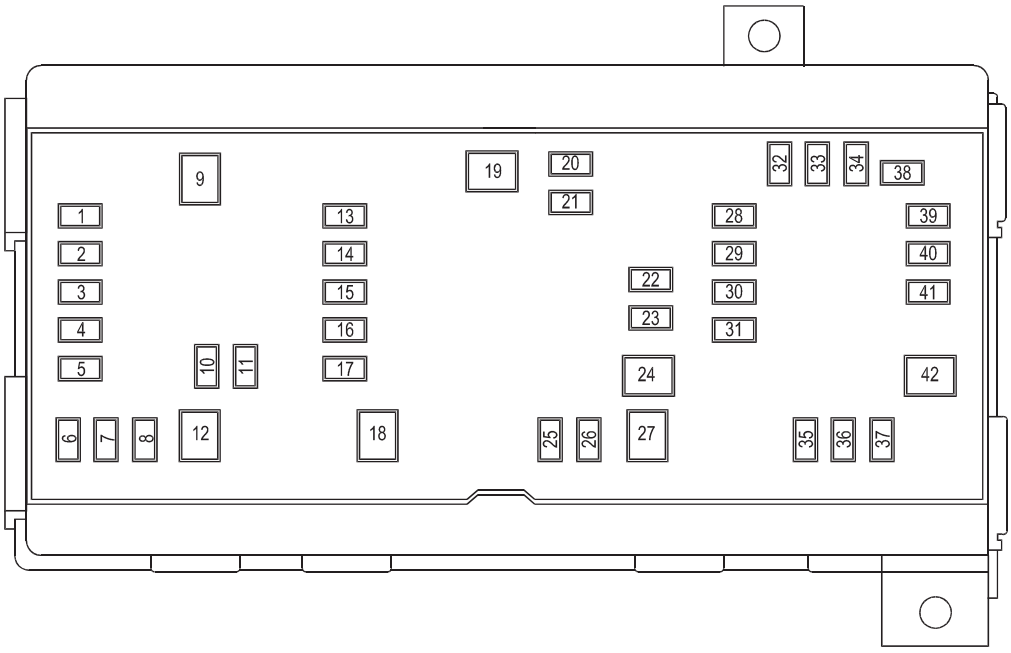
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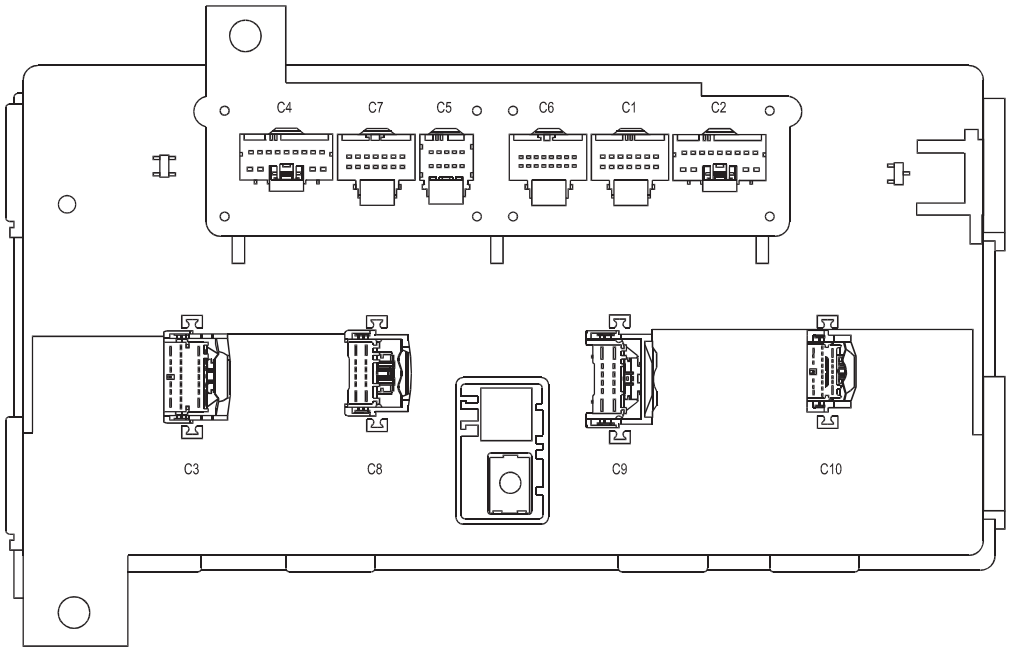
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MODULE-
TOTALLY INTEGRATED POWER
(FRONT VIEW)



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MODULE-
TOTALLY INTEGRATED POWER
(REAR VIEW)



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FUSES
(TIPM)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	20A	A405 18RD/DB	FUSED B(+)
2	20A	A941 18RD	FUSED B(+)
3	-	-	-
4	-	-	-
5	20A	A310 16RD/LB ▽▽	FUSED B(+)
6	40A	A212 20RD/OR ○○	FUSED B(+)
7	15A	A917 18RD ◪◪◪	FUSED B(+)
8	10A	C16 18DB/GY ▽▽	REAR WINDOW DEFOGGER CONTROL OUTPUT
9	30A	A121 14RD/YL ▼▼▼▼	FUSED B(+)
10	5A	T41 20YL/DB ◪◪◪◪	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
11	20A	A114 18GY/RD	FUSED B(+)
12	30A	A400 14TN/RD ◆◆◆◆	FUSED B(+)
13	25A	A111 14DG/RD ⬒	FUSED B(+)
14	15A	L7 20WT/YL	FUSED PARK LAMP FEED
15	20A	L678 18BR	FUSED PARK LAMP FEED
16	15A	L70 20WT/GY	FUSED PARK LAMP FEED
17	-	-	-
18	40A	A107 12TN/RD ⬒	FUSED B(+)
19	30A	A100 14RD/VT ◆◆◆◆	BACKUP LAMP FEED
20	10A	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
21	10A	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
22	2A	A106 20LB/RD	FUSED B(+)
23	10A	A919 20RD	FUSED B(+)
24	20A	A916 16RD	FUSED B(+)
25	10A	A940 18RD	FUSED B(+)

⬒ AWAL
▽▽ EXCEPT BASE
○○ DIESEL
▼▼▼▼ POWER WAGON
◪◪◪ SRT
◪◪◪◪ EXCEPT SRT
◆◆◆◆ TRAILER TOW

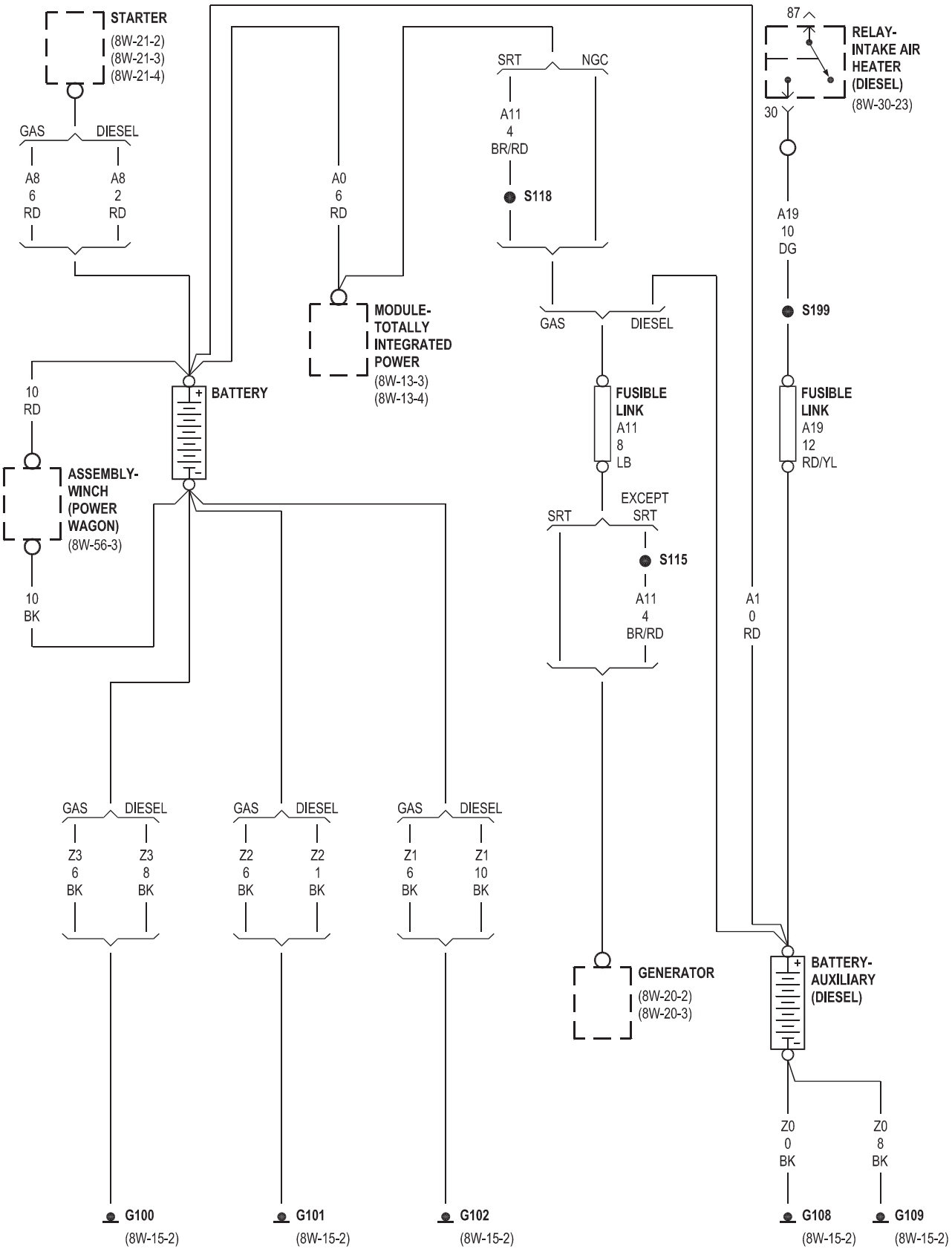
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FUSES
(TIPM)

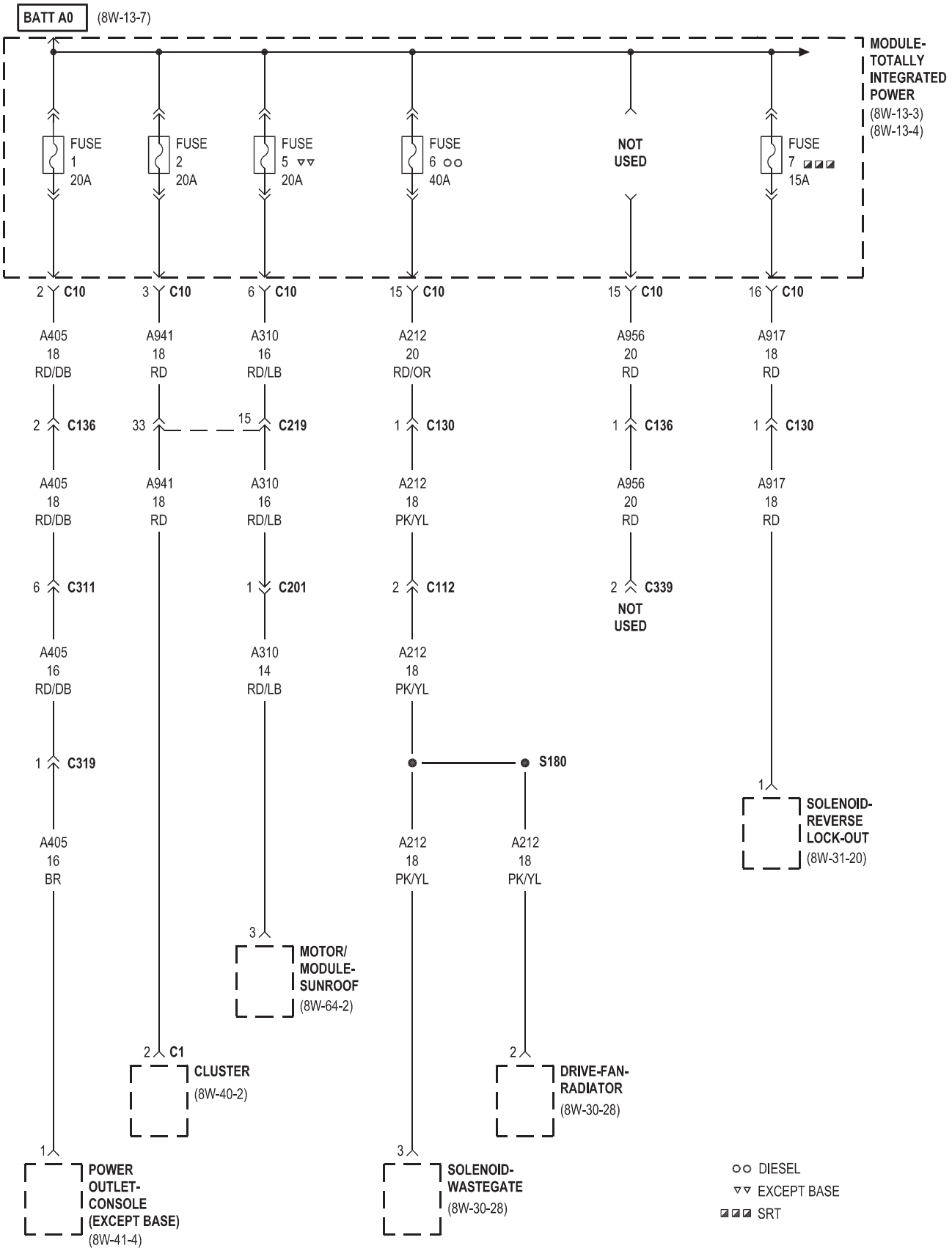
FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
26	15A	A103 18GY/RD	FUSED B(+)
27	40A	A210 12OR/RD	FUSED B(+)
28	10A	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
29	10A	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
30	-	-	-
31	15A	A918 20RD ◐◐◐◐	FUSED B(+)
32	10A	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
33	-	-	-
34	-	-	-
35	15A	A944 20RD	FUSED B(+)
36	25A	A116 16YL/RD	FUSED B(+)
37	-	-	-
38	20A	A205 18RD/OR	FUSED B(+)
39	10A	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
40	20A	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
41	-	-	-
42	30A	A209 10RD ○○	FUSED B(+)

○○ DIESEL
◐◐◐◐ EXCEPT DIESEL MTC

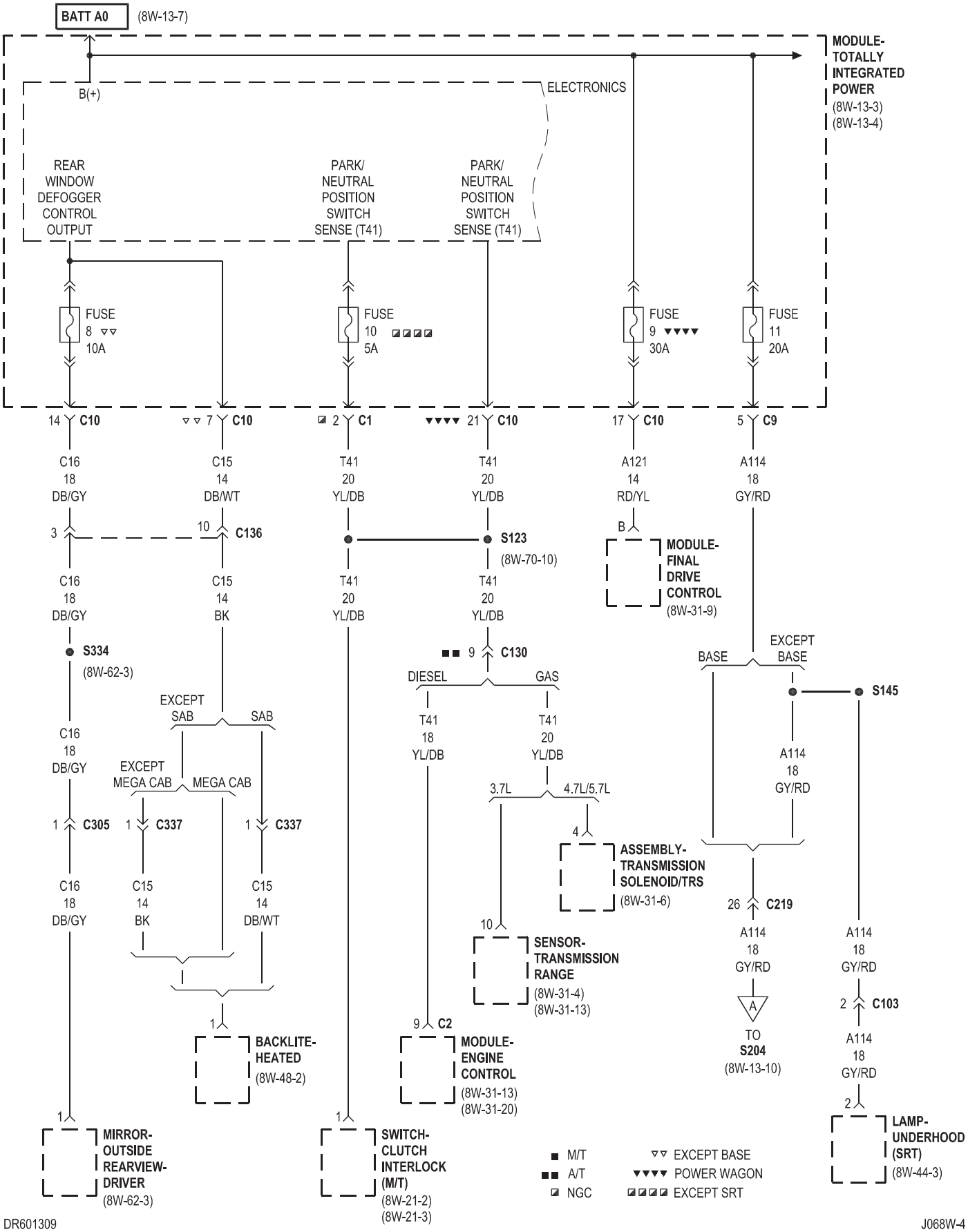
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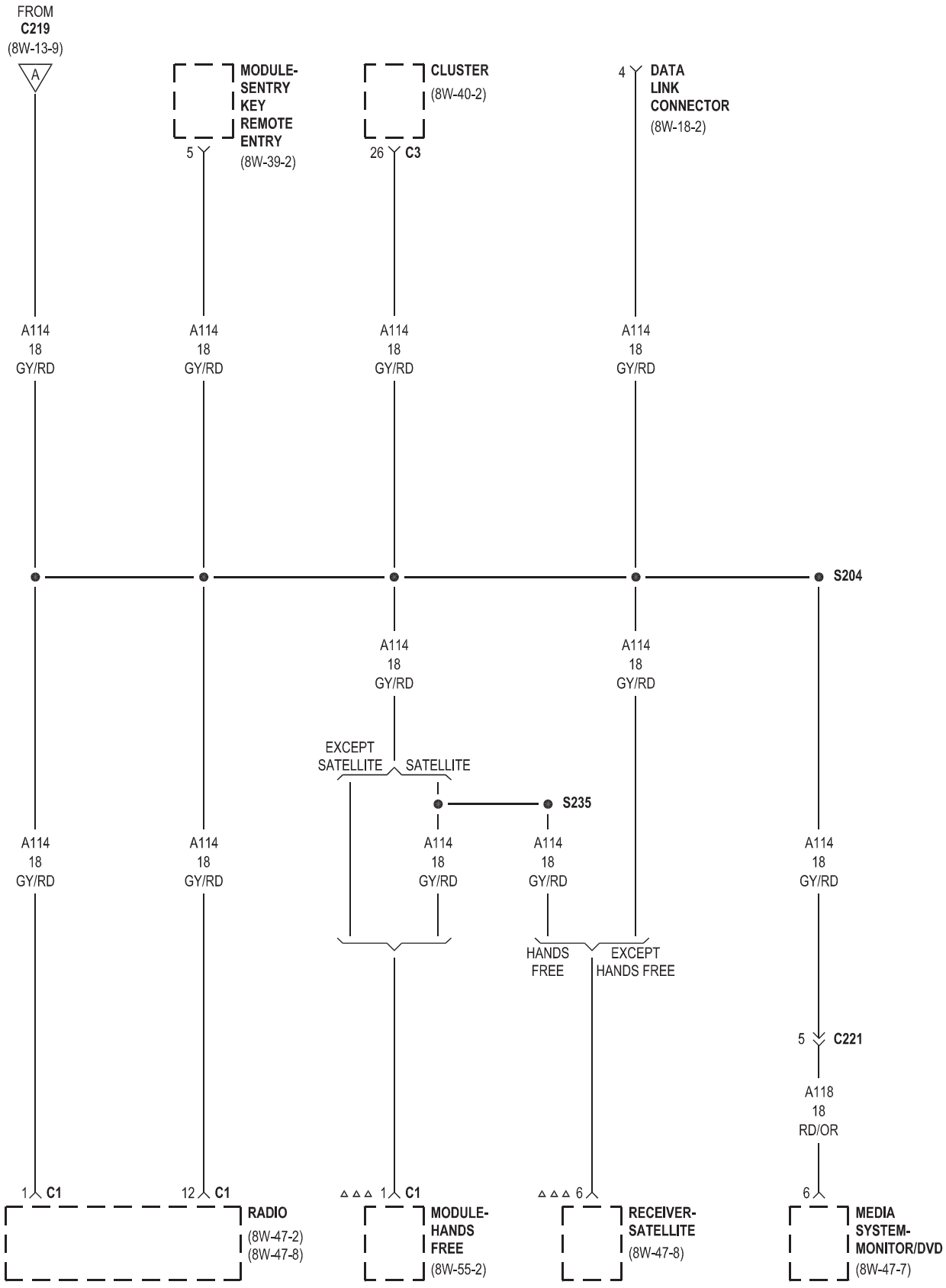
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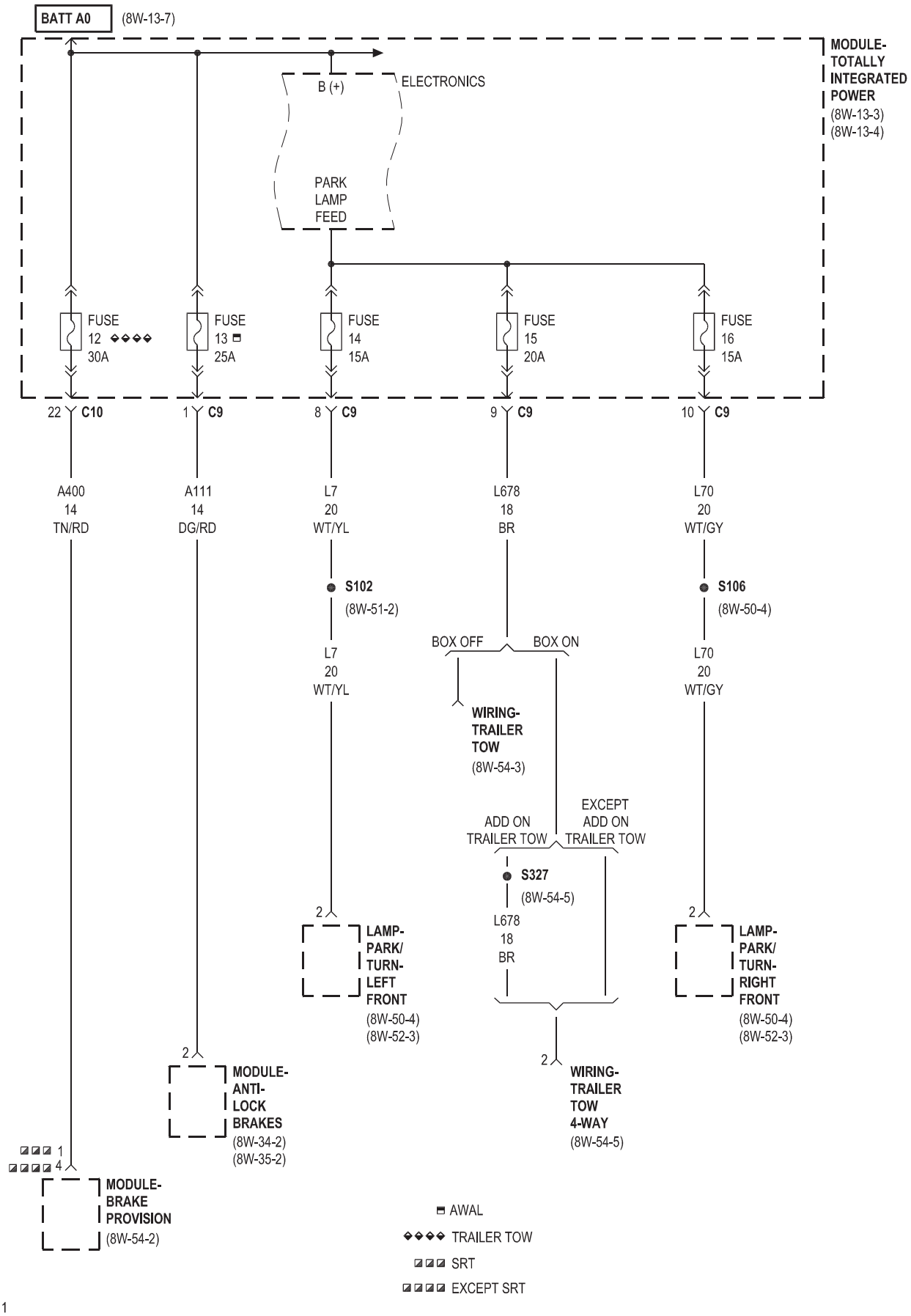
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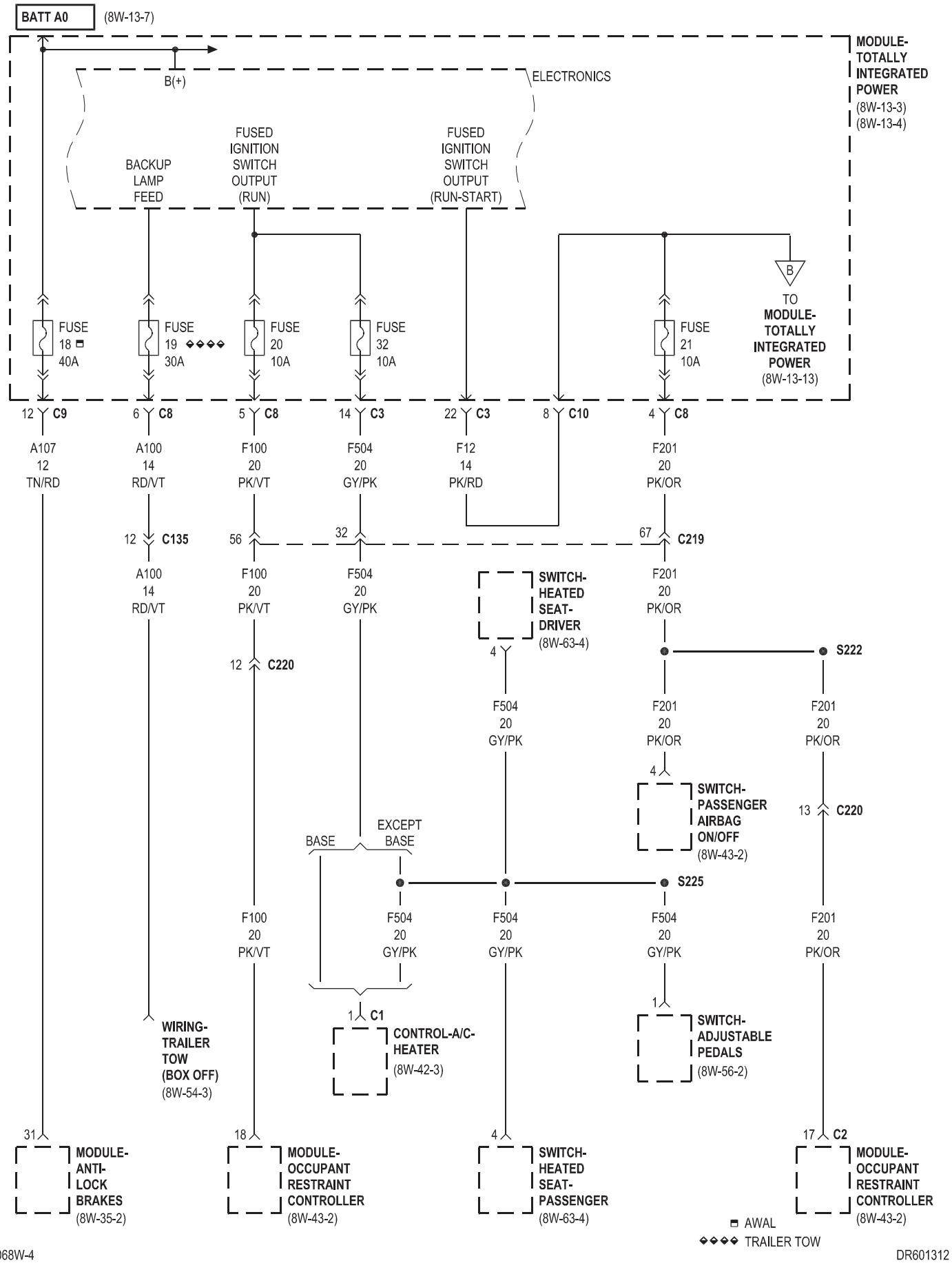
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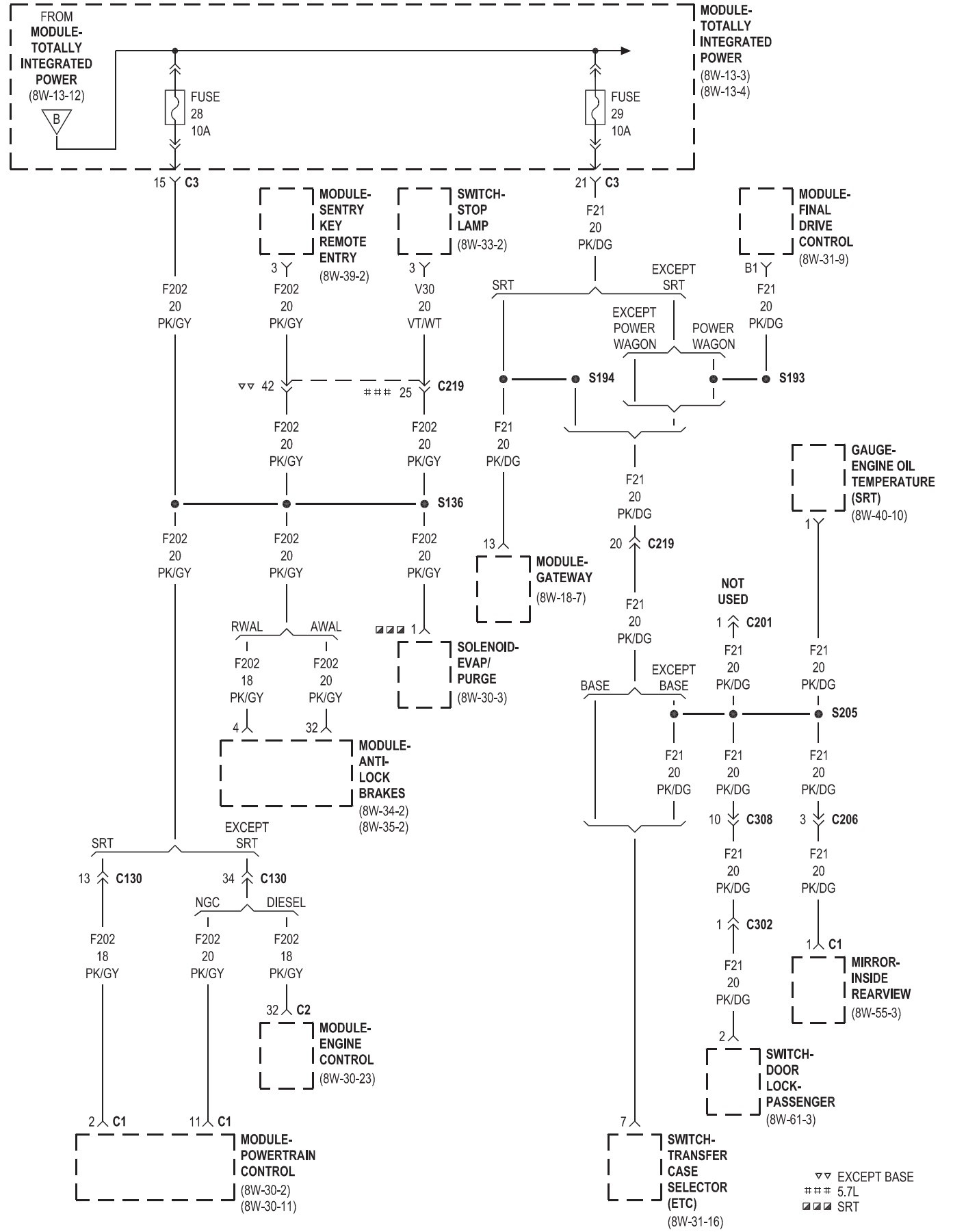
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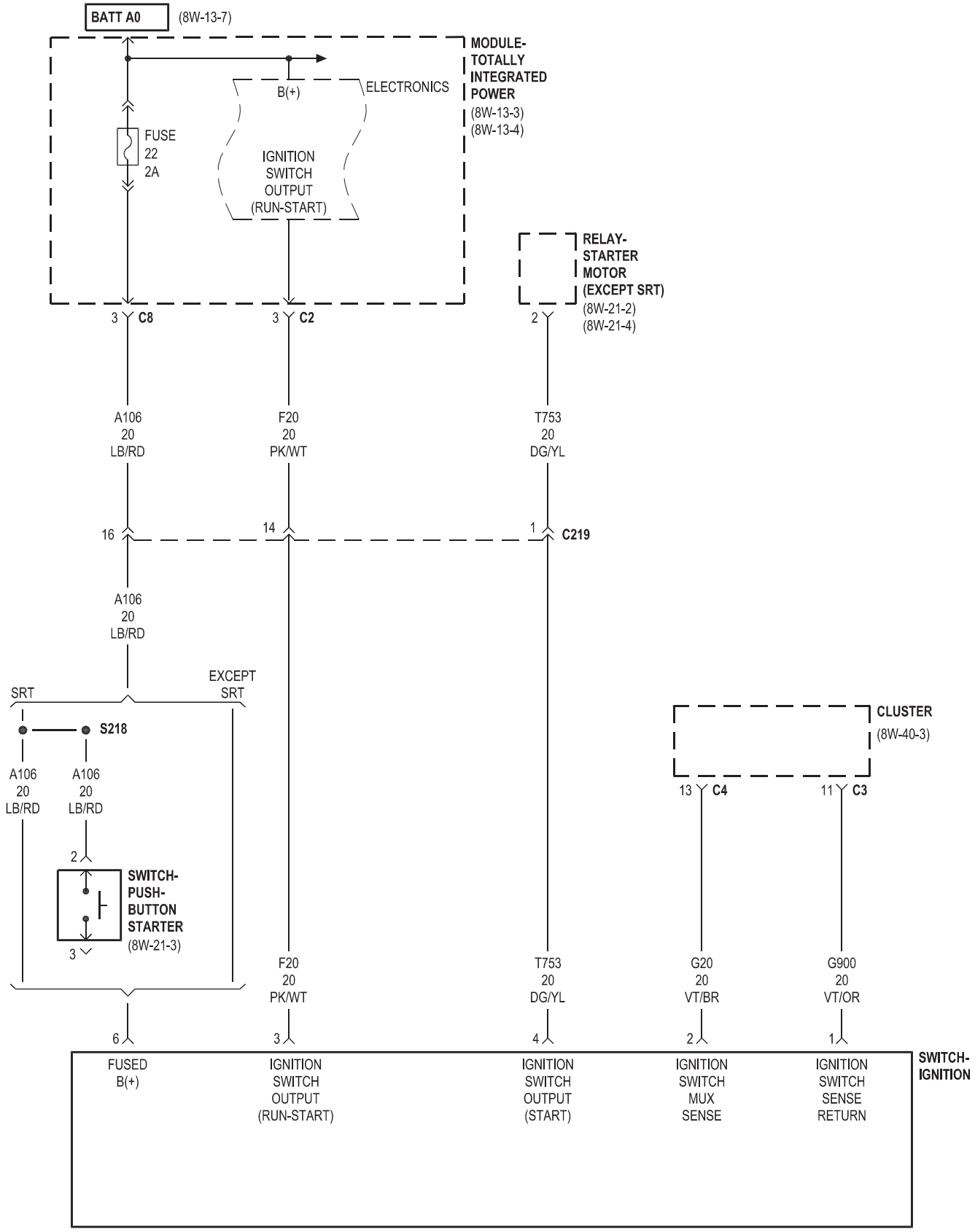
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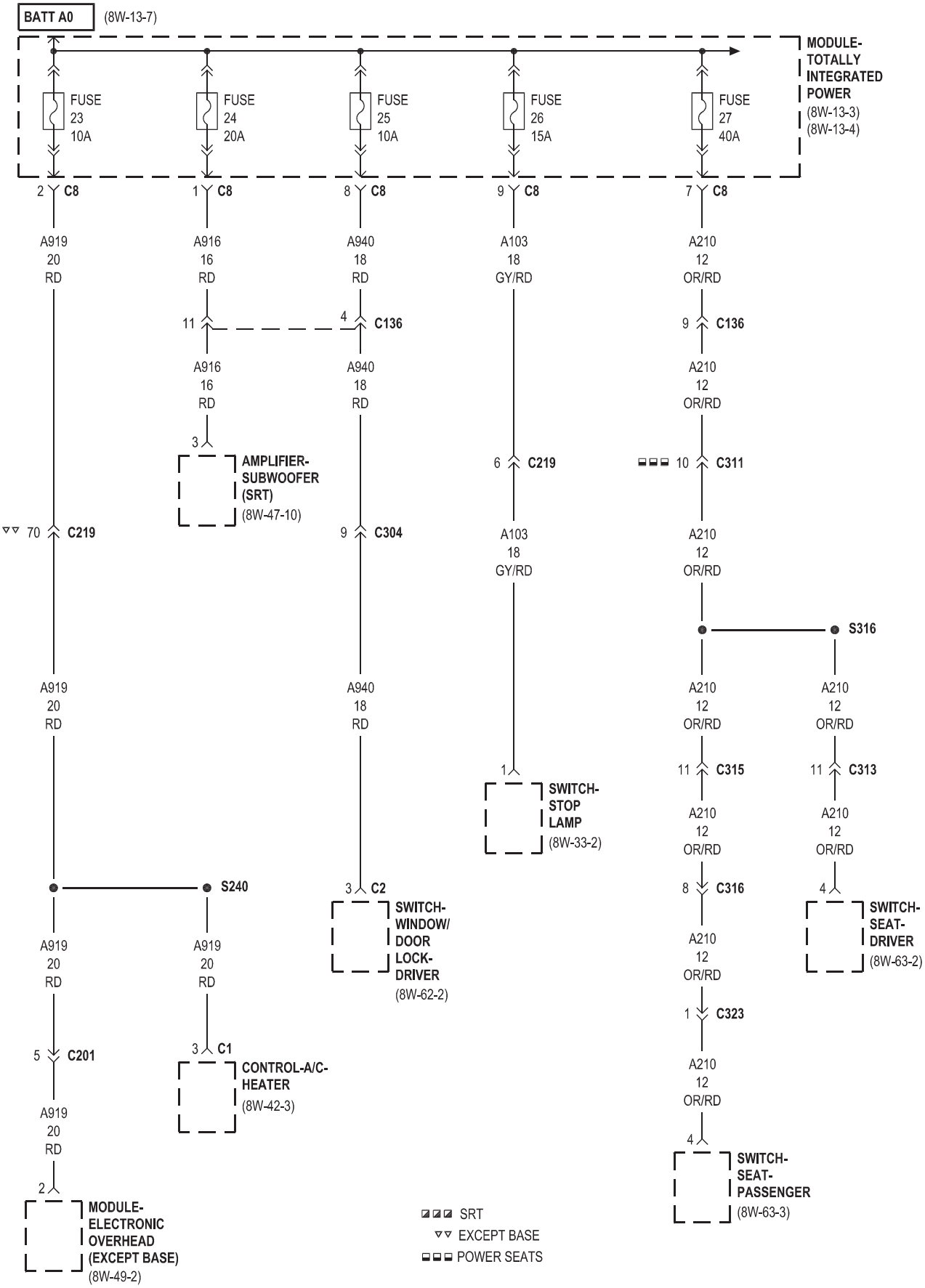
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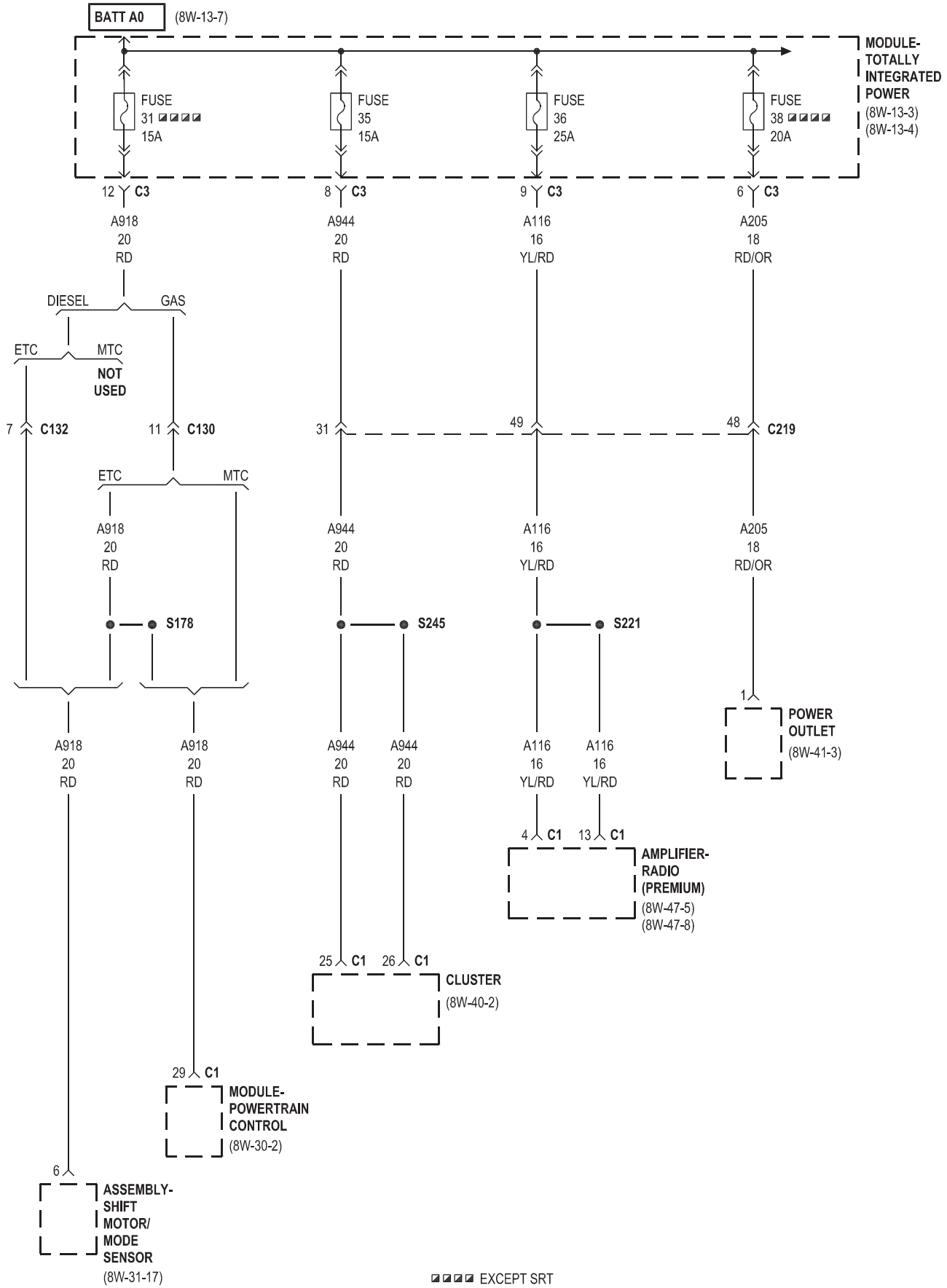
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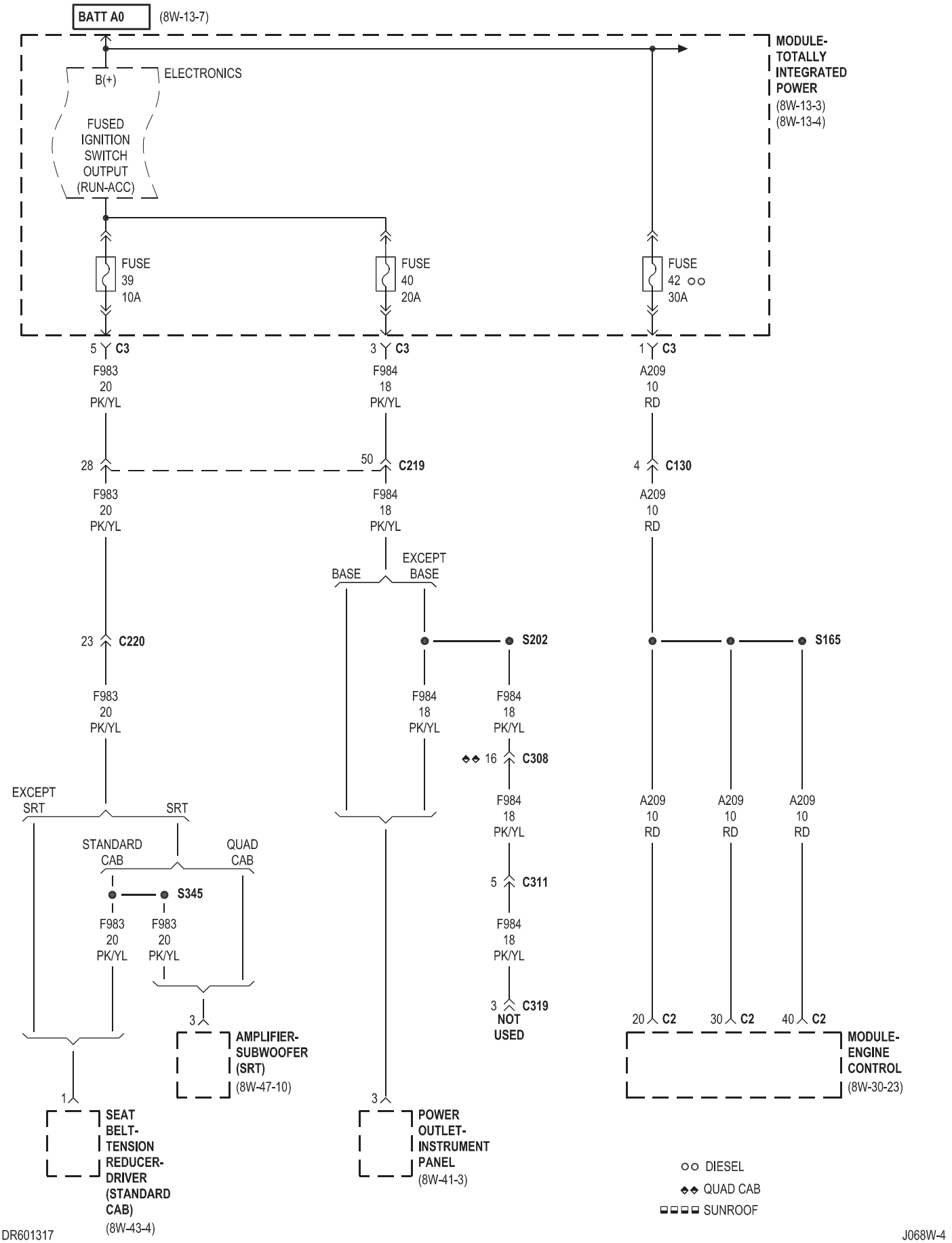
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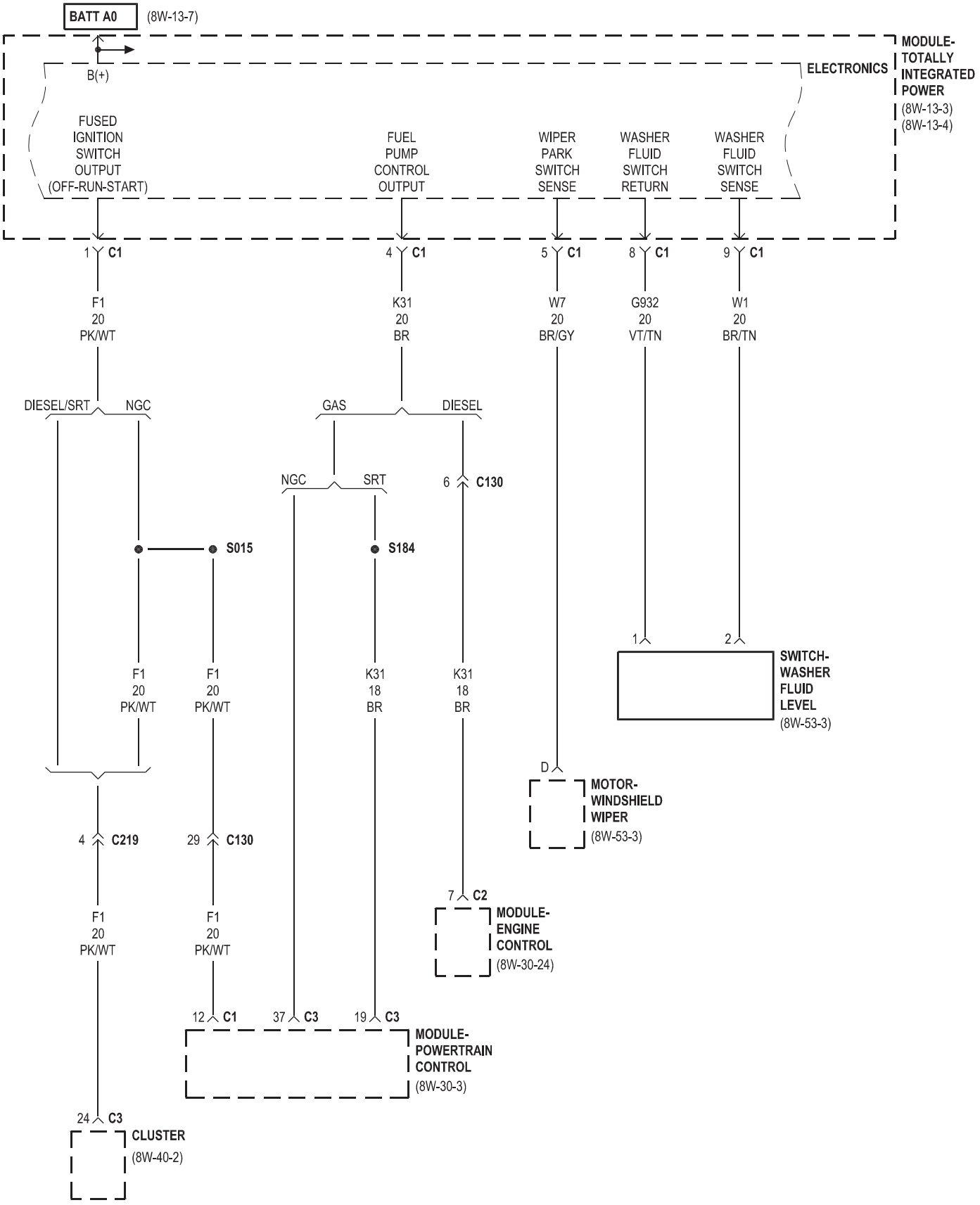
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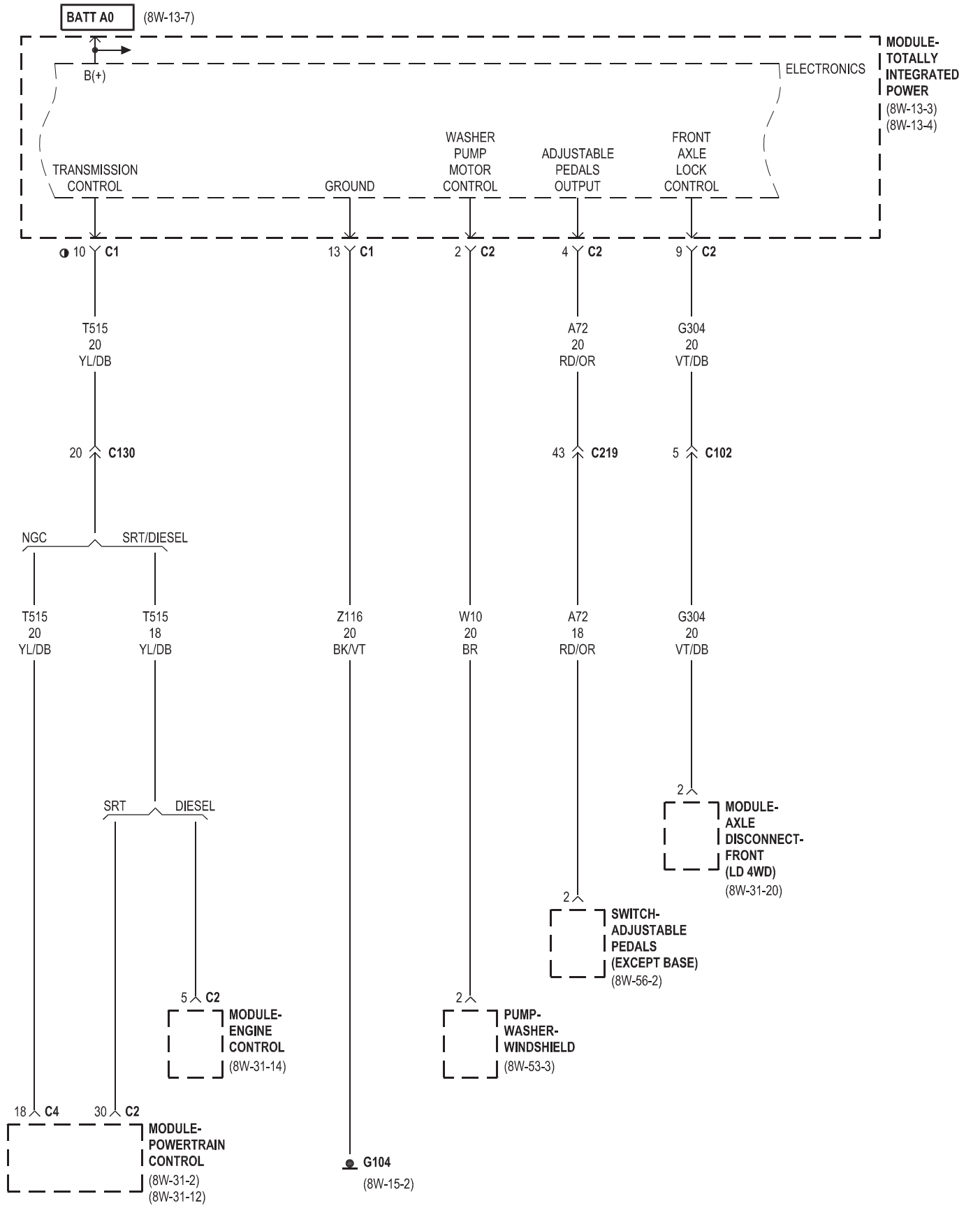
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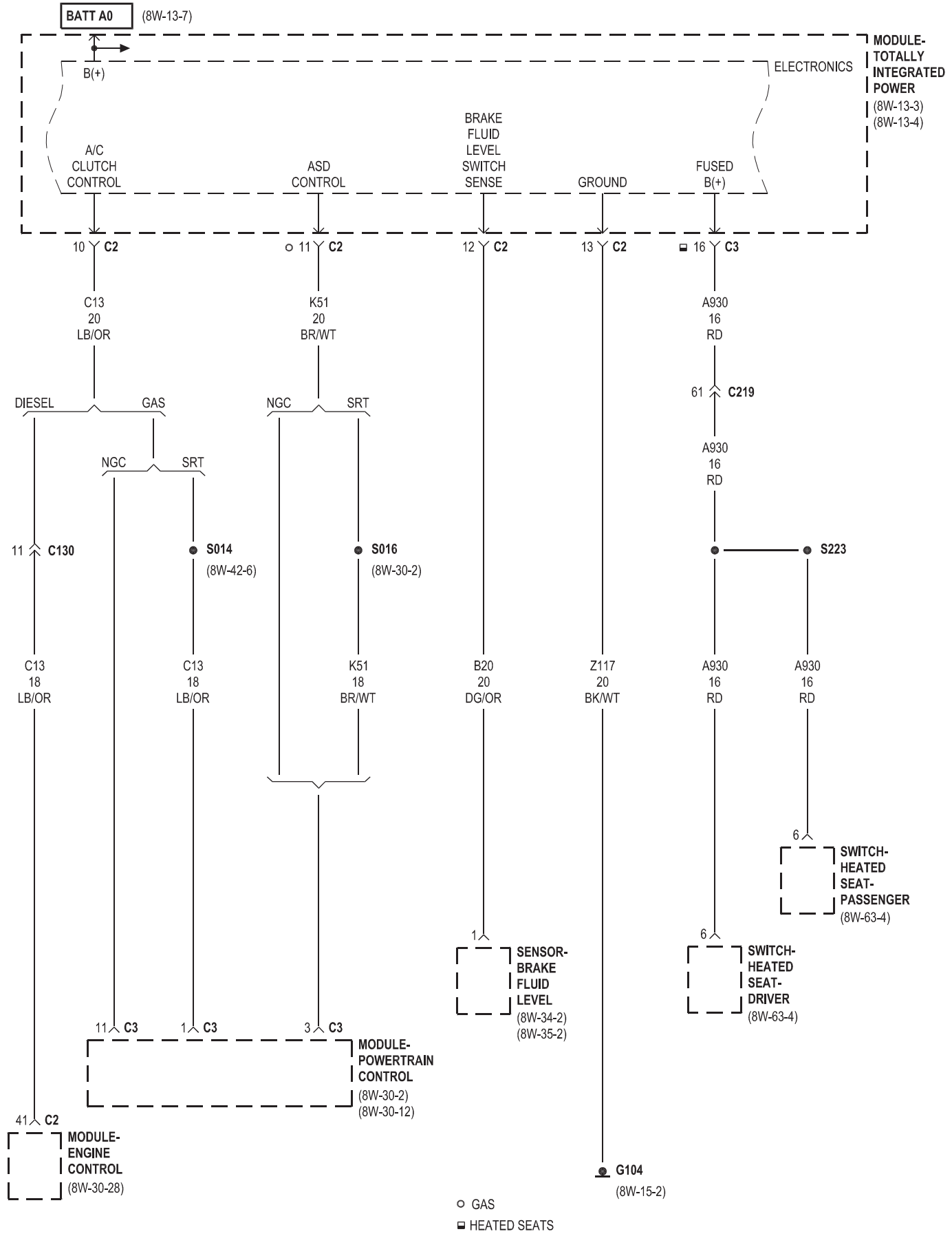


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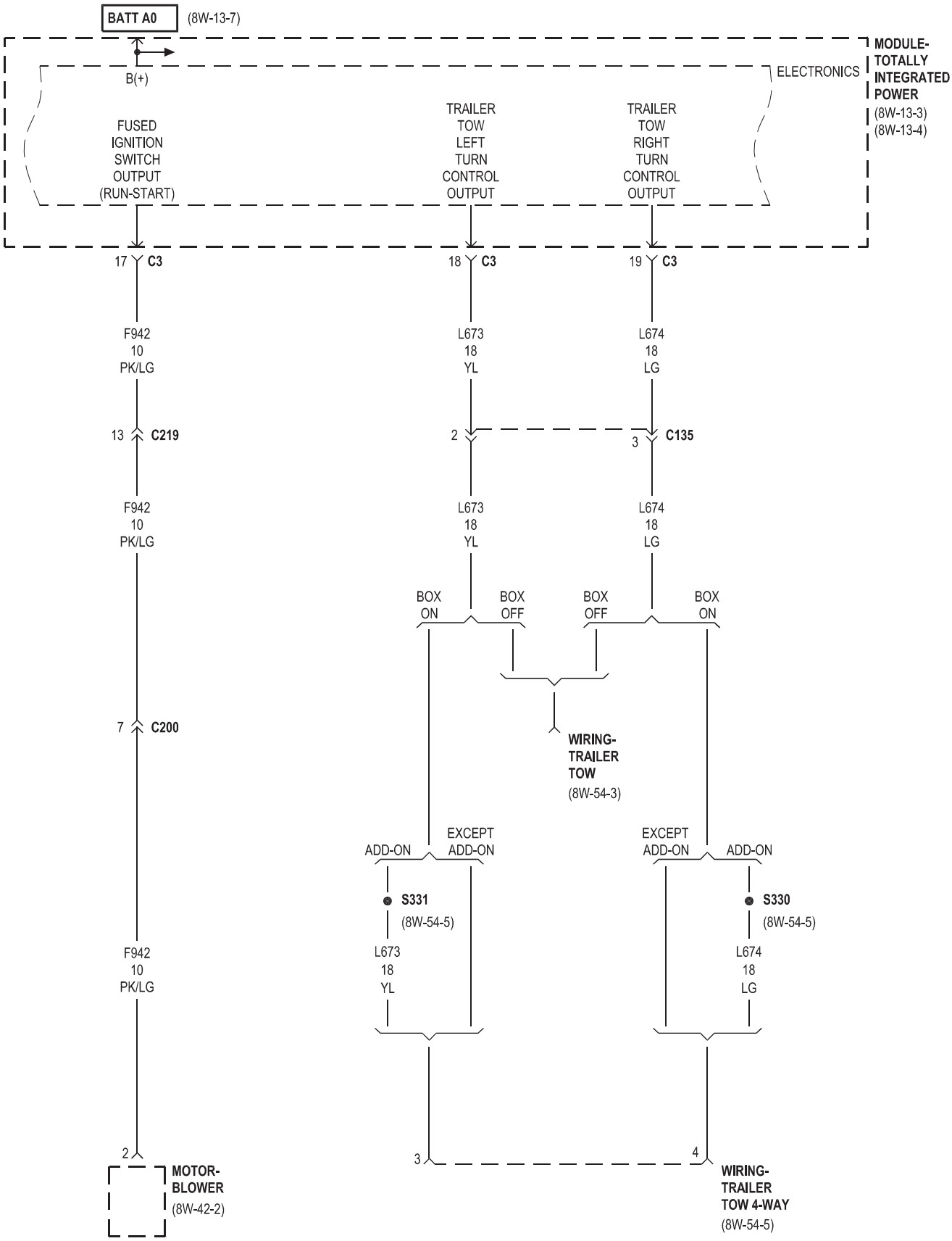


◑ EXCEPT M/T DIESEL

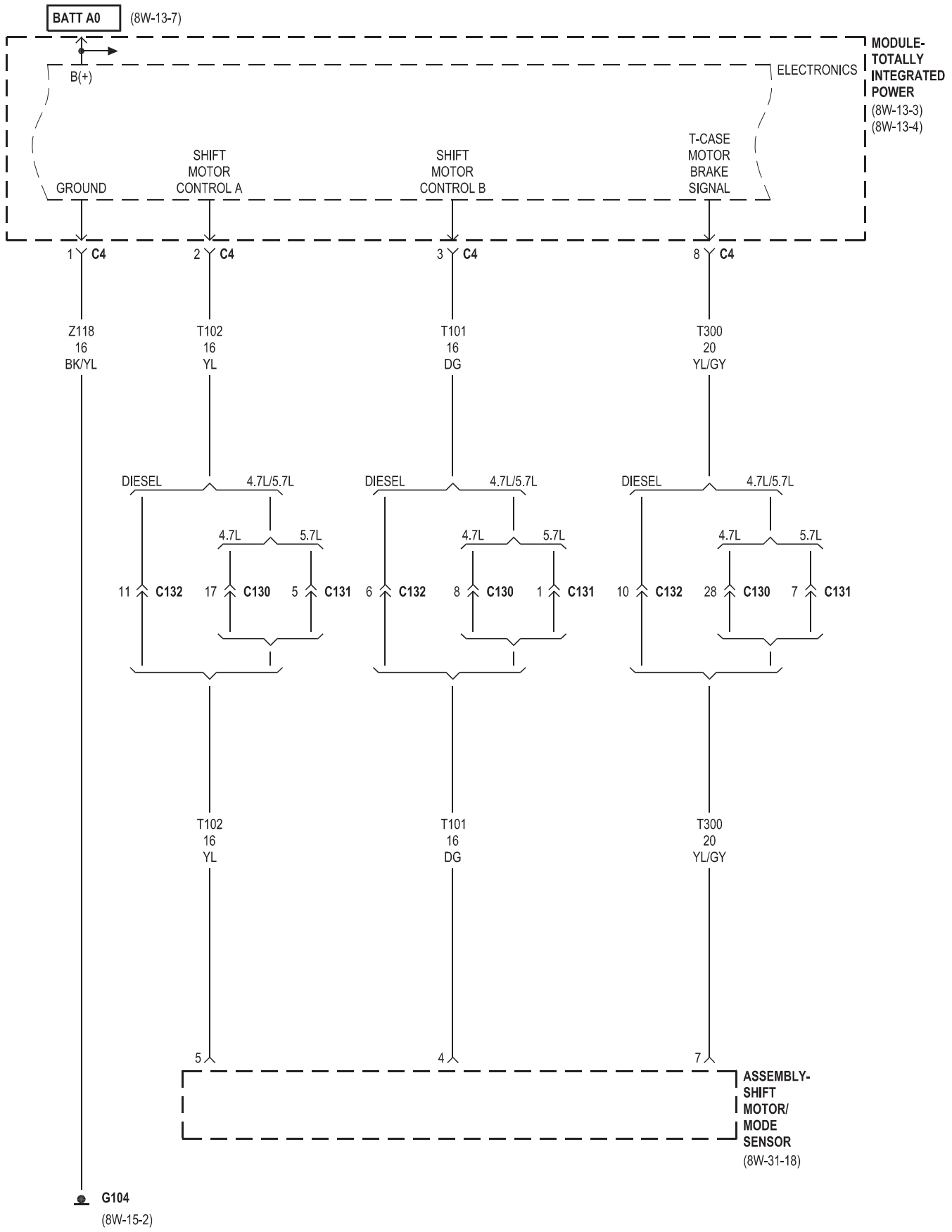
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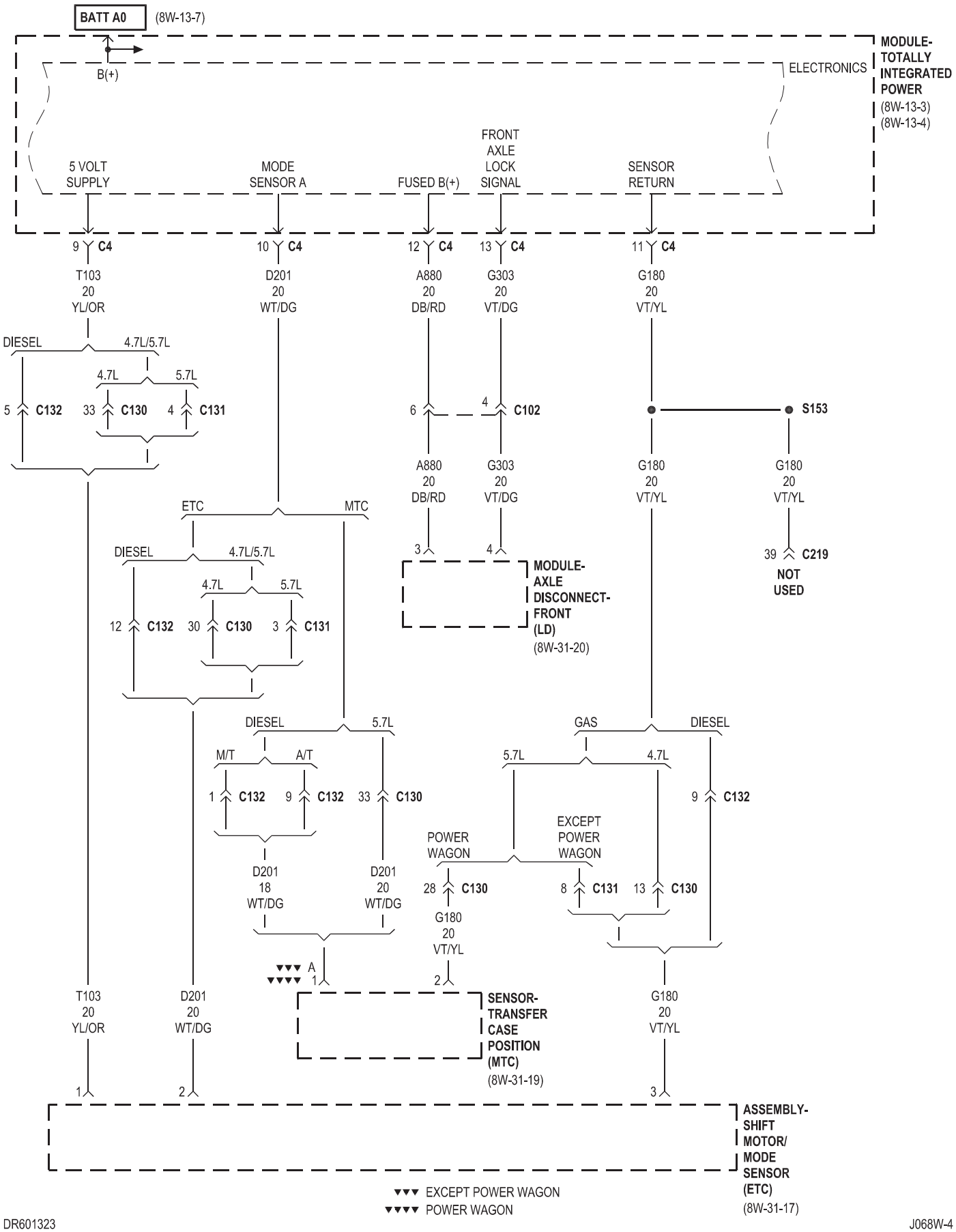
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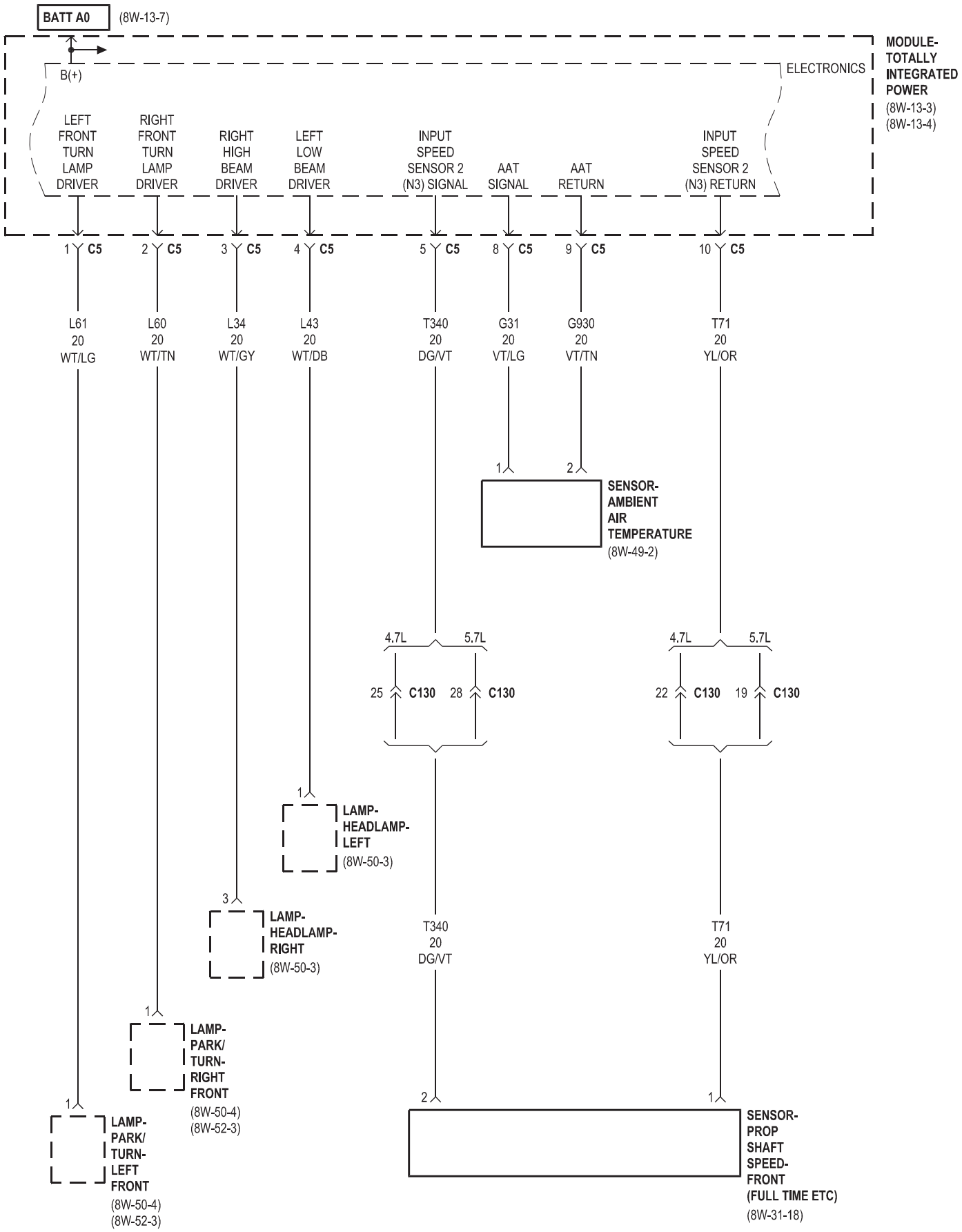
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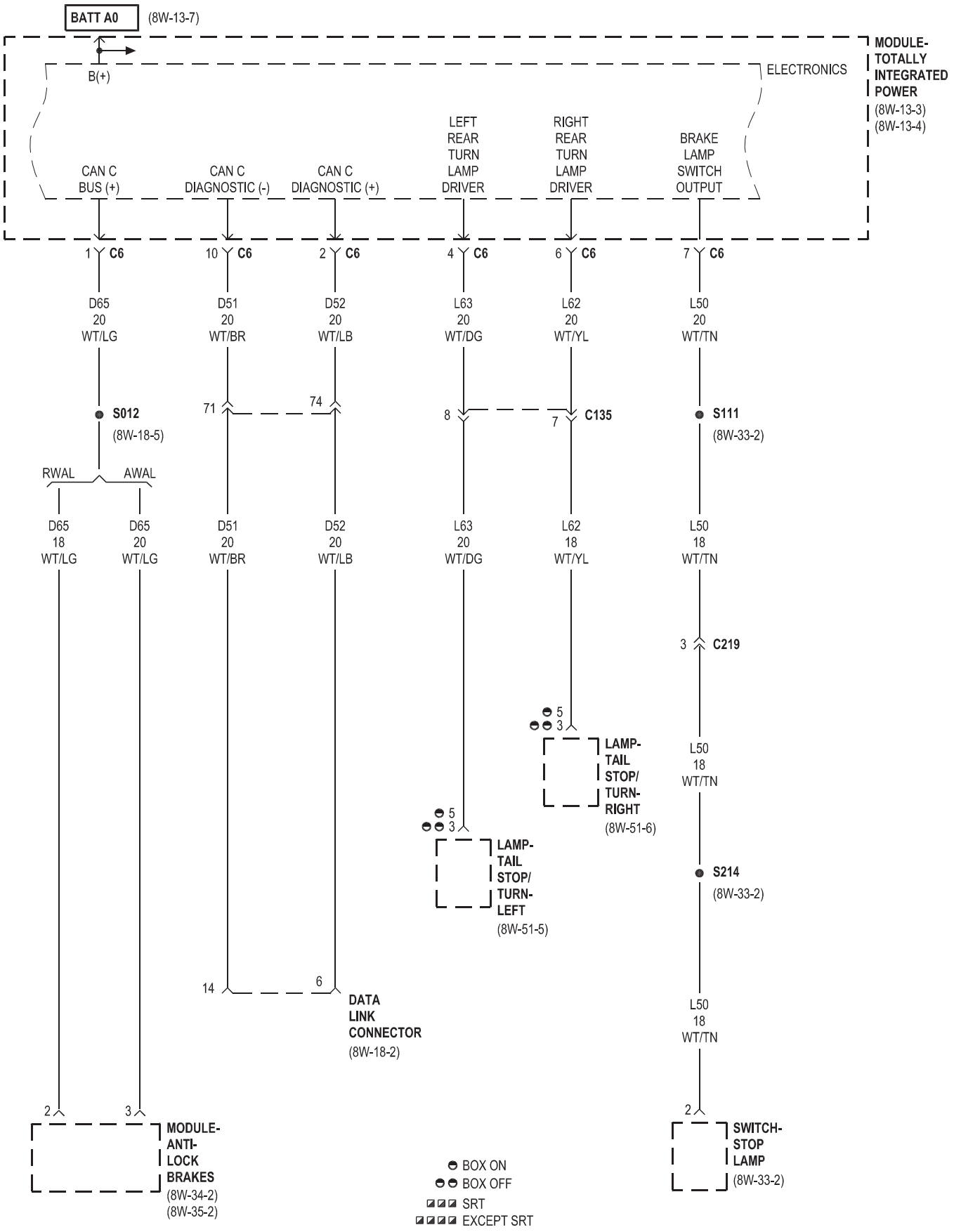
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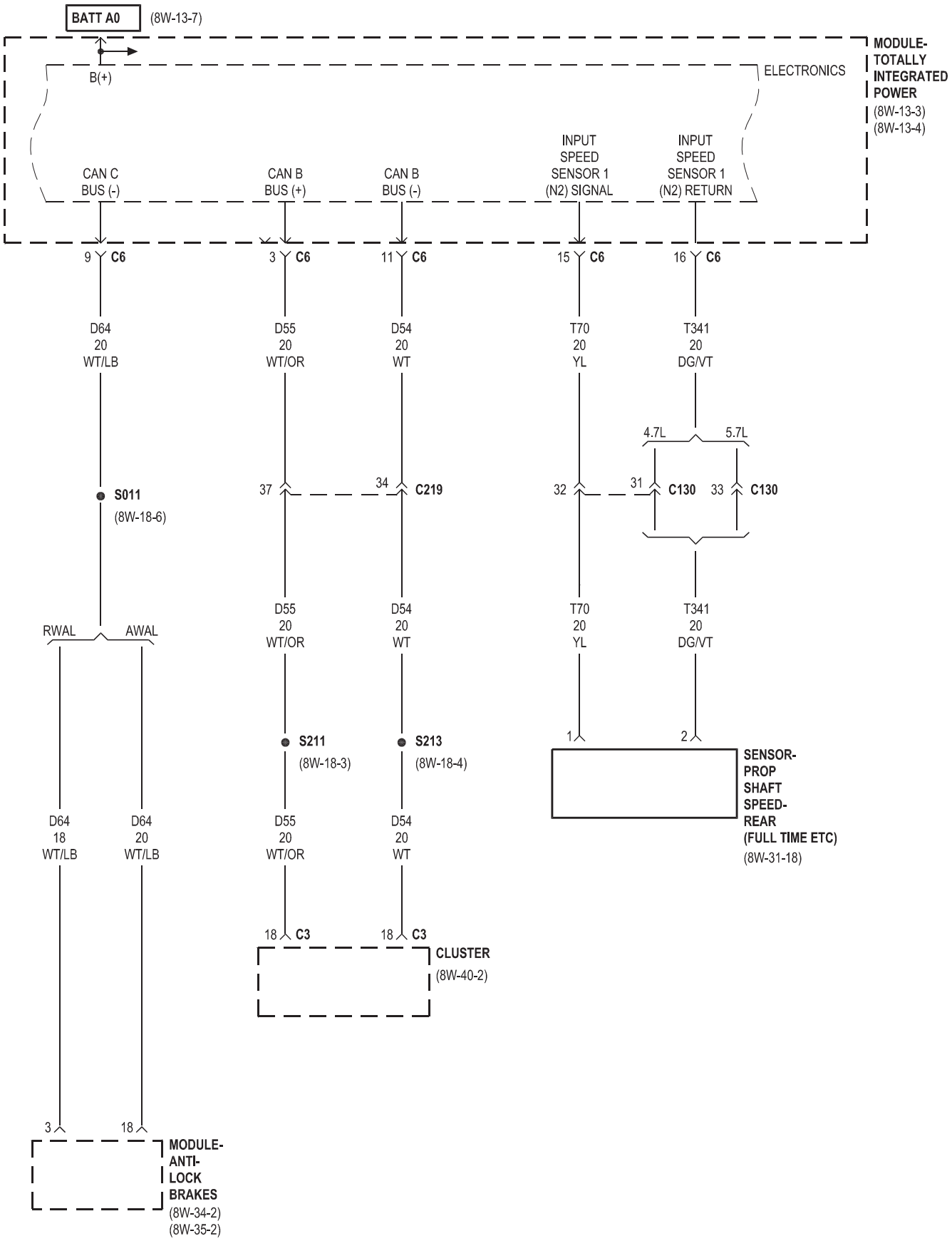
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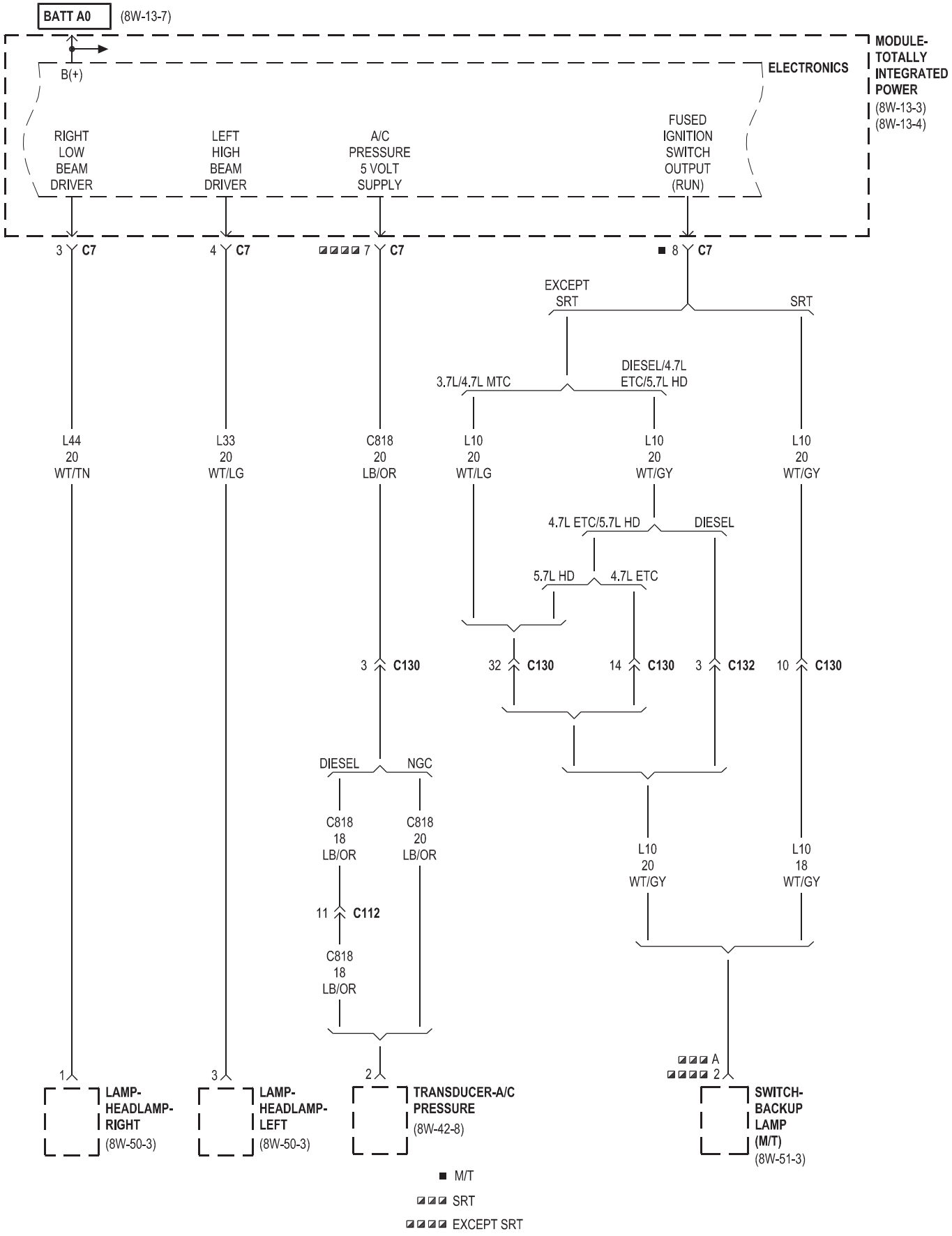
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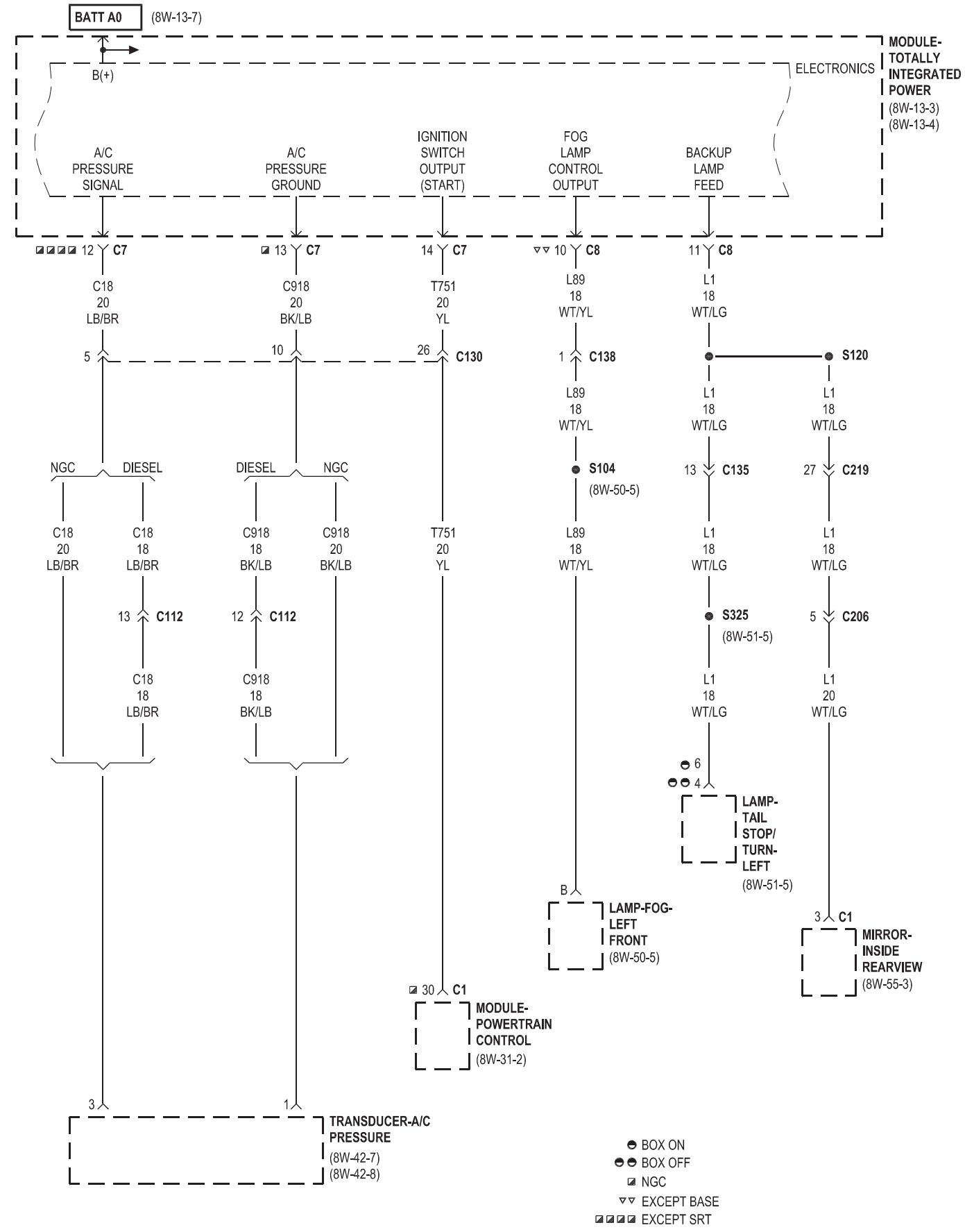
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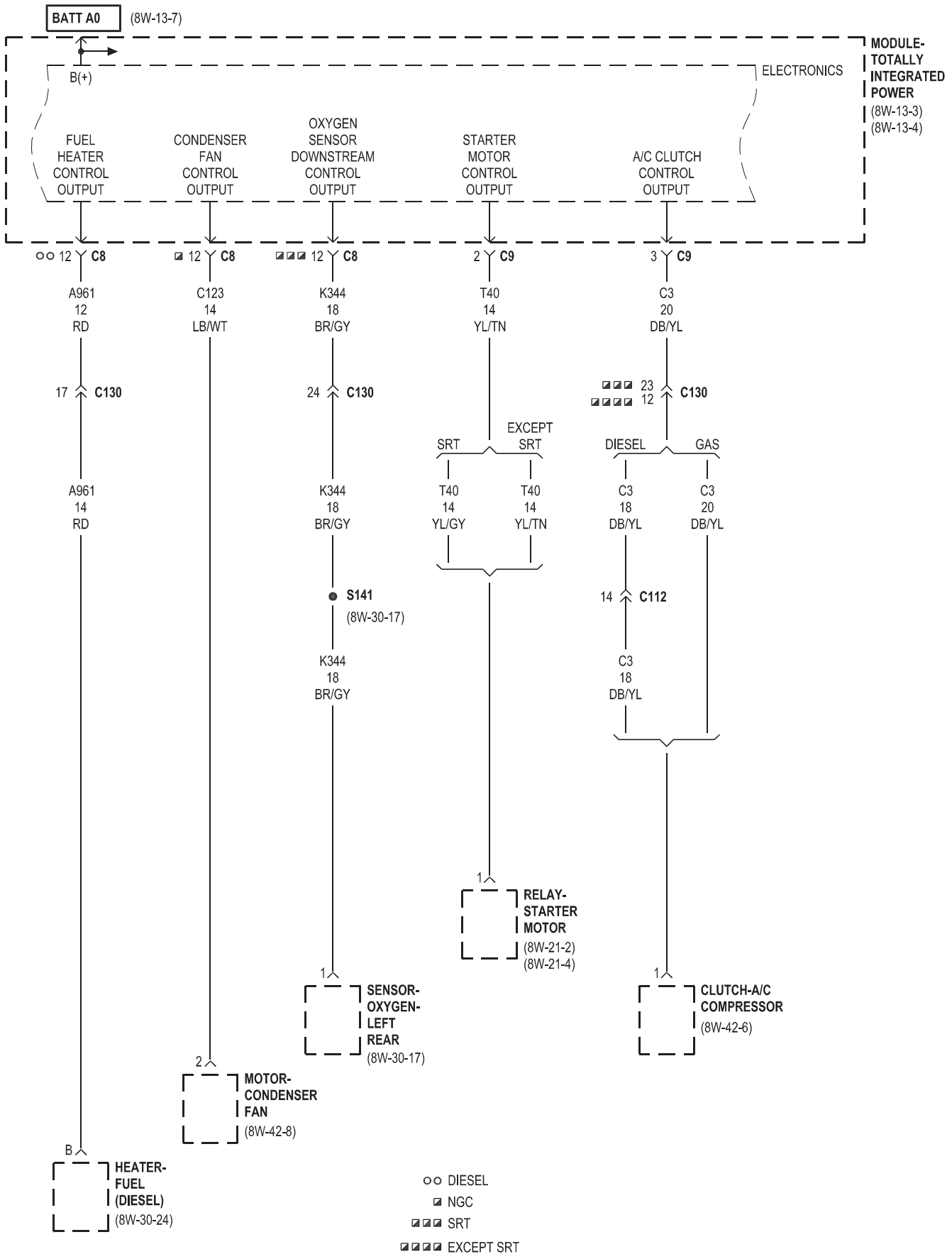
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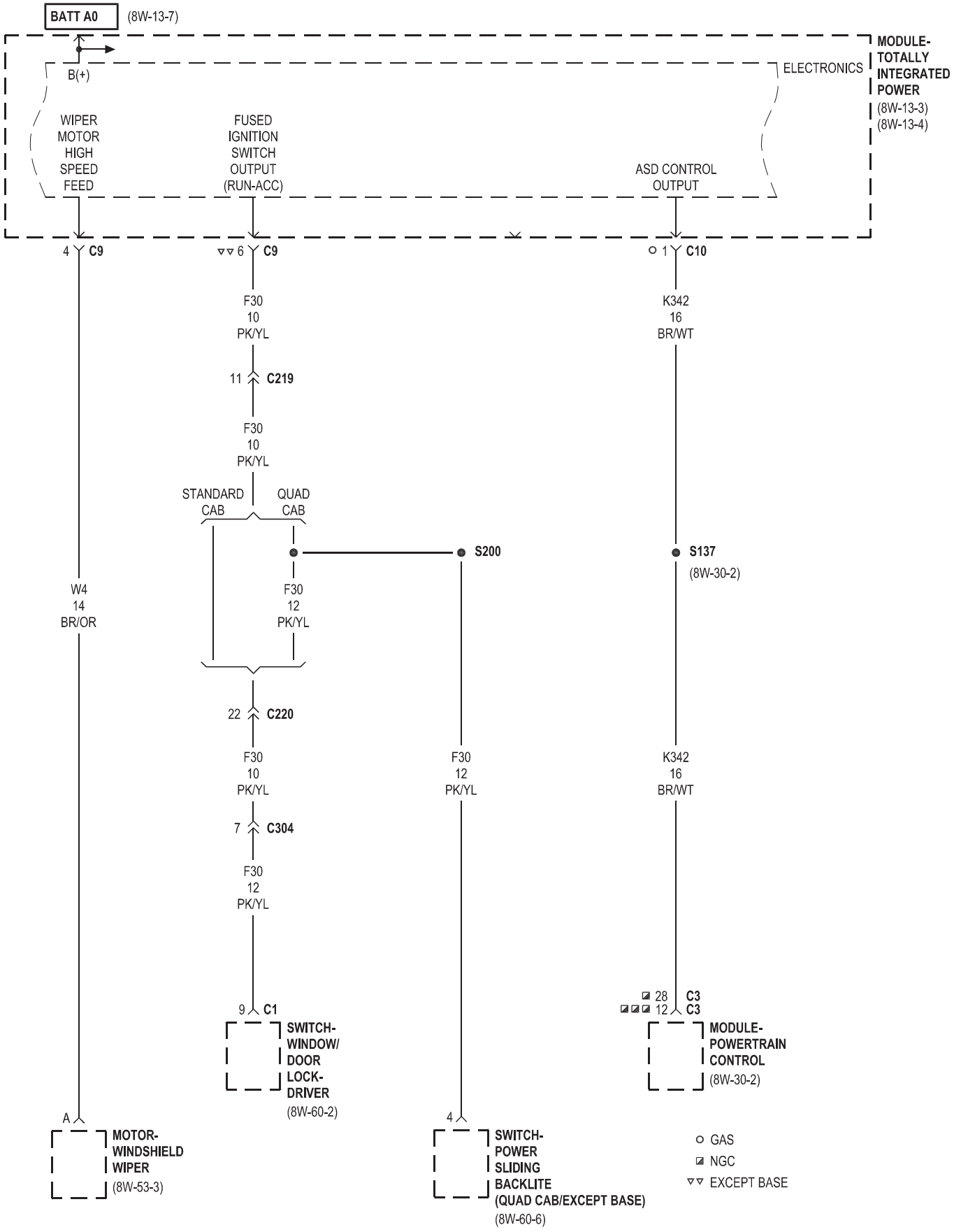
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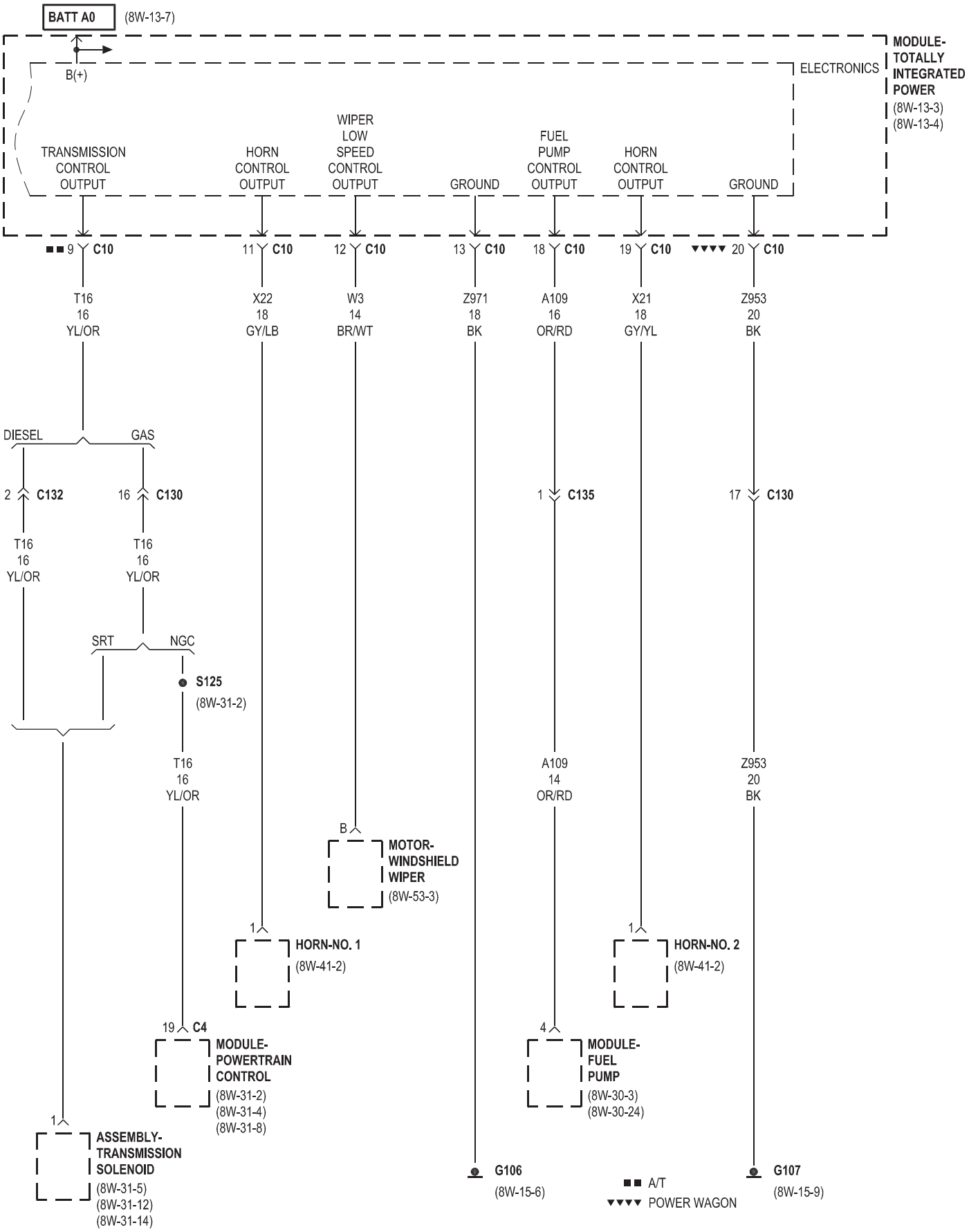
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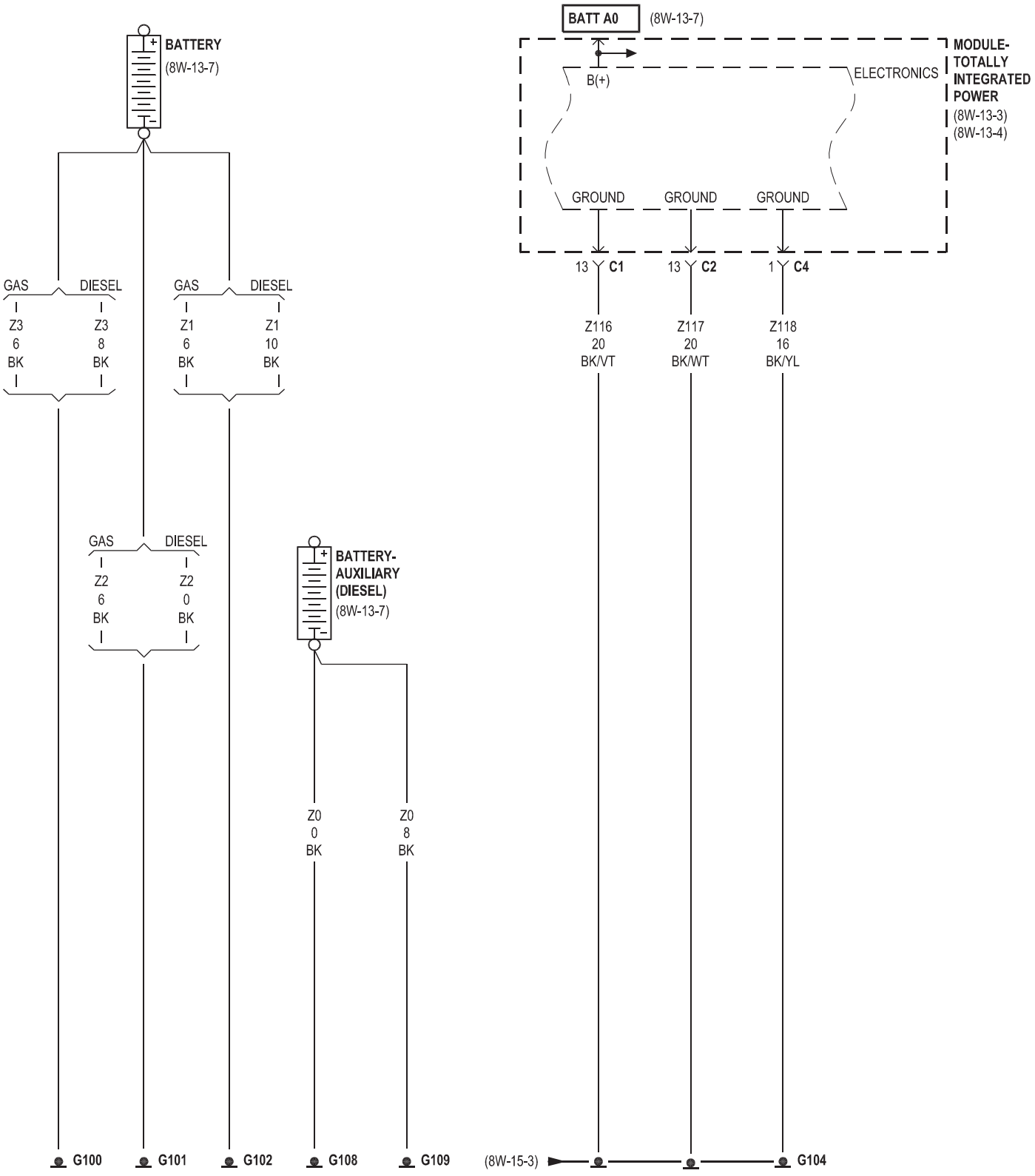
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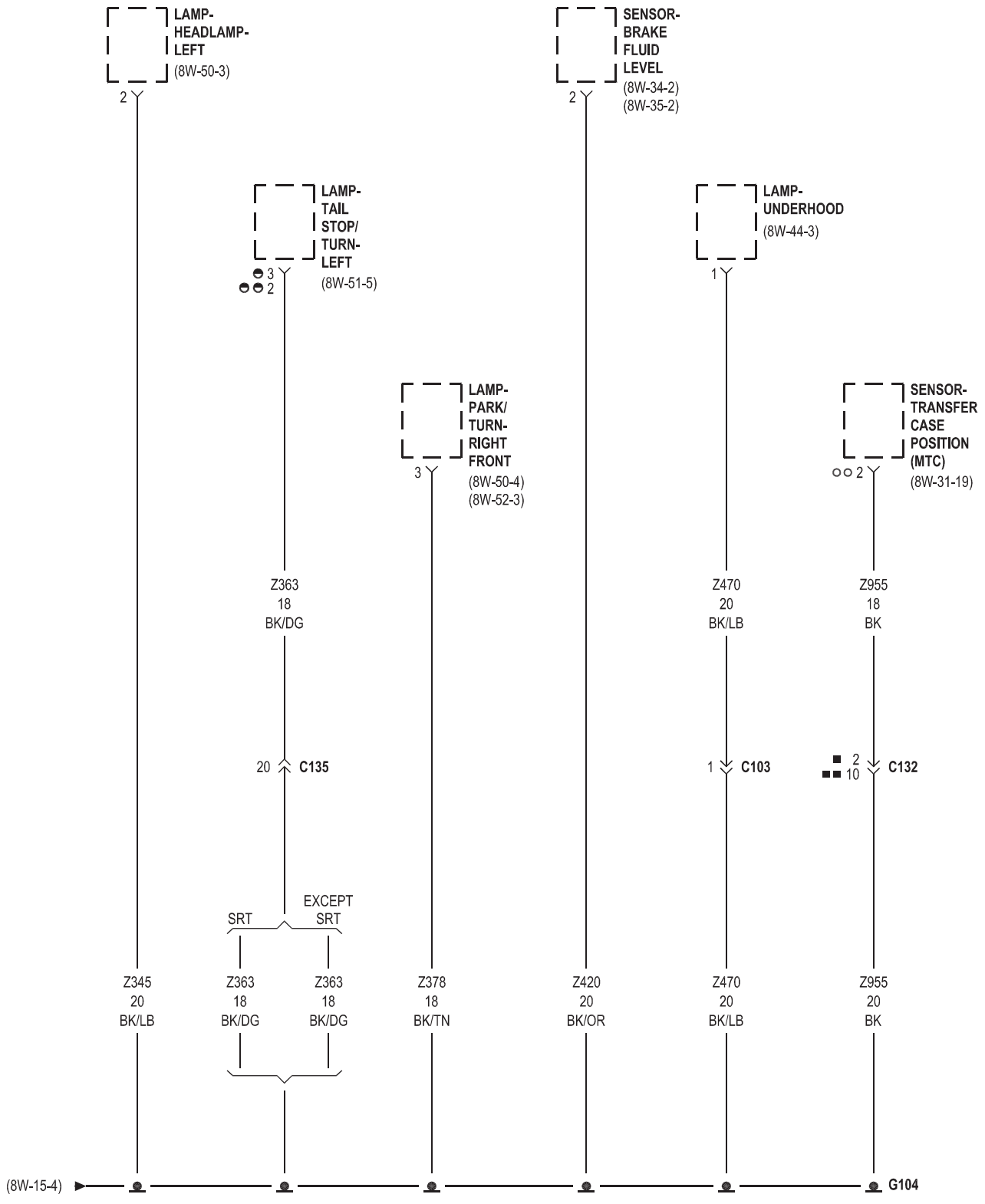
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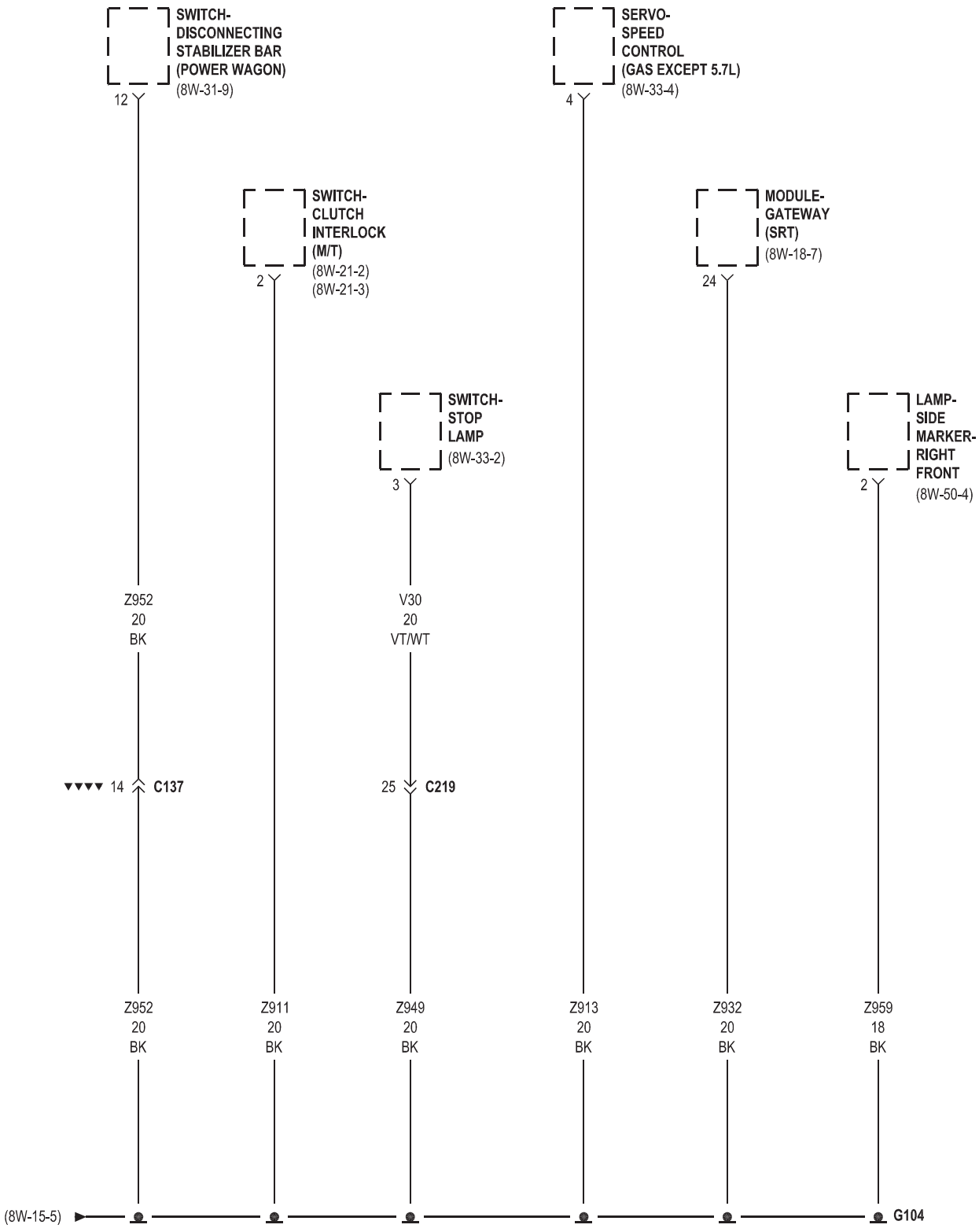
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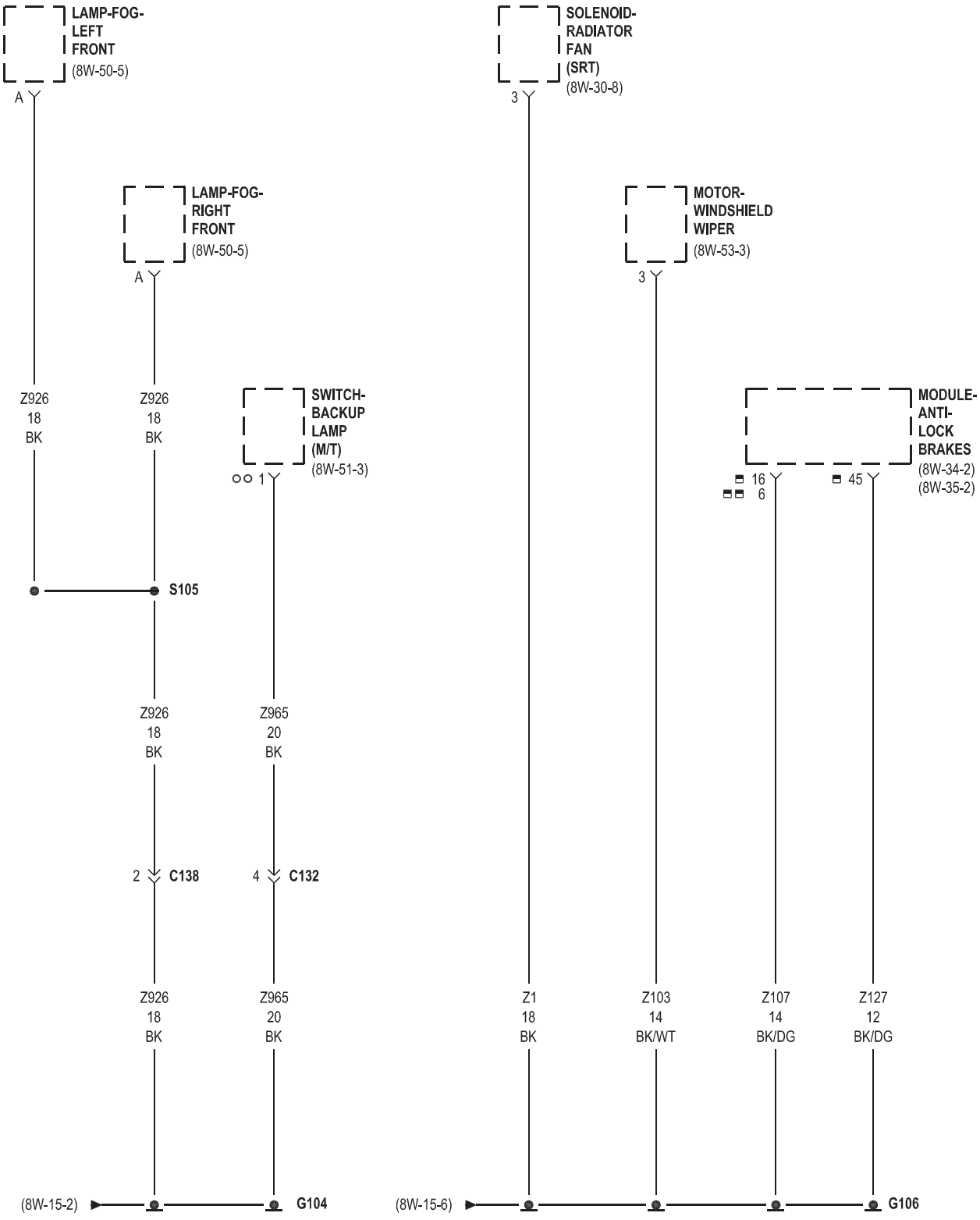


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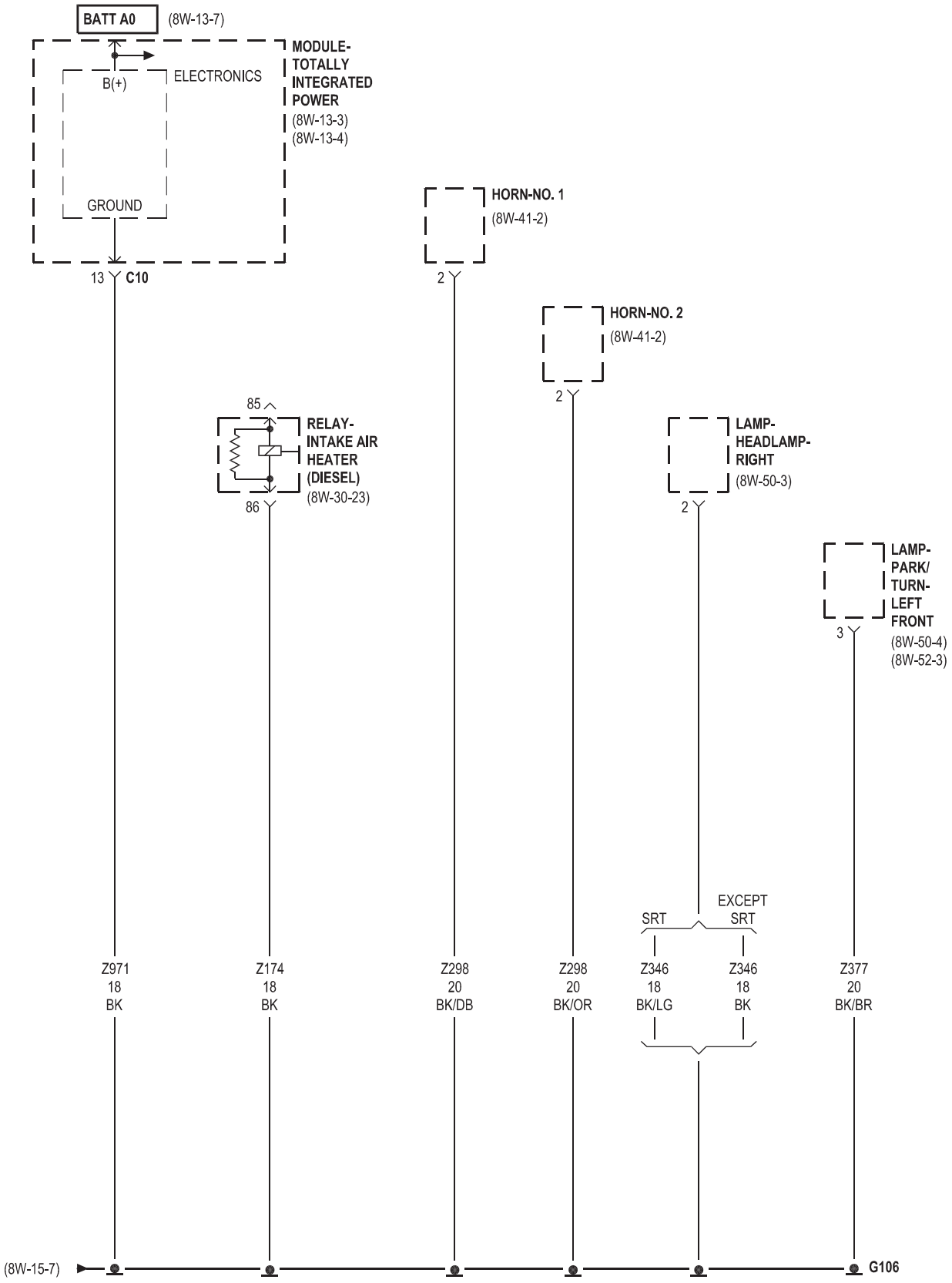
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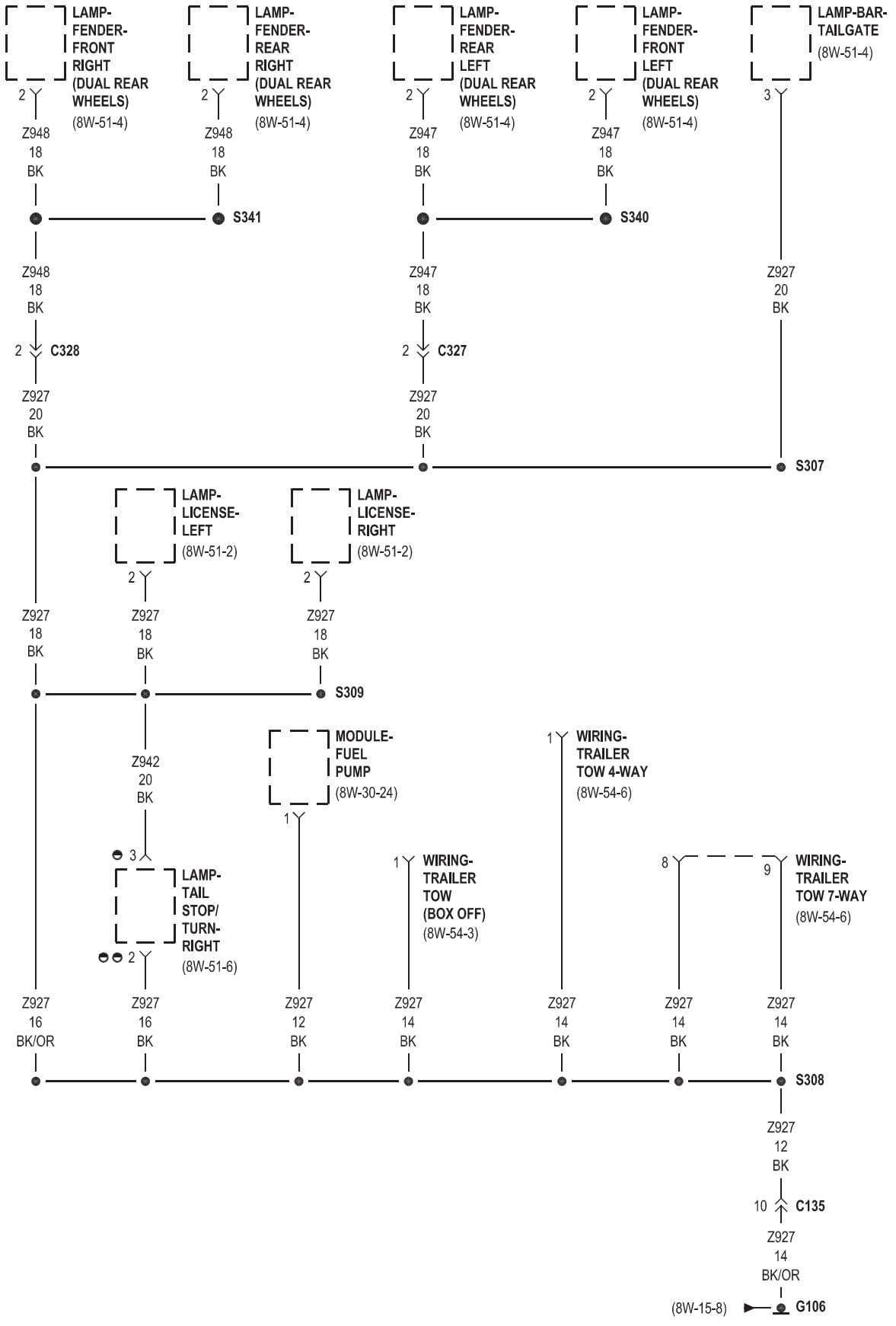


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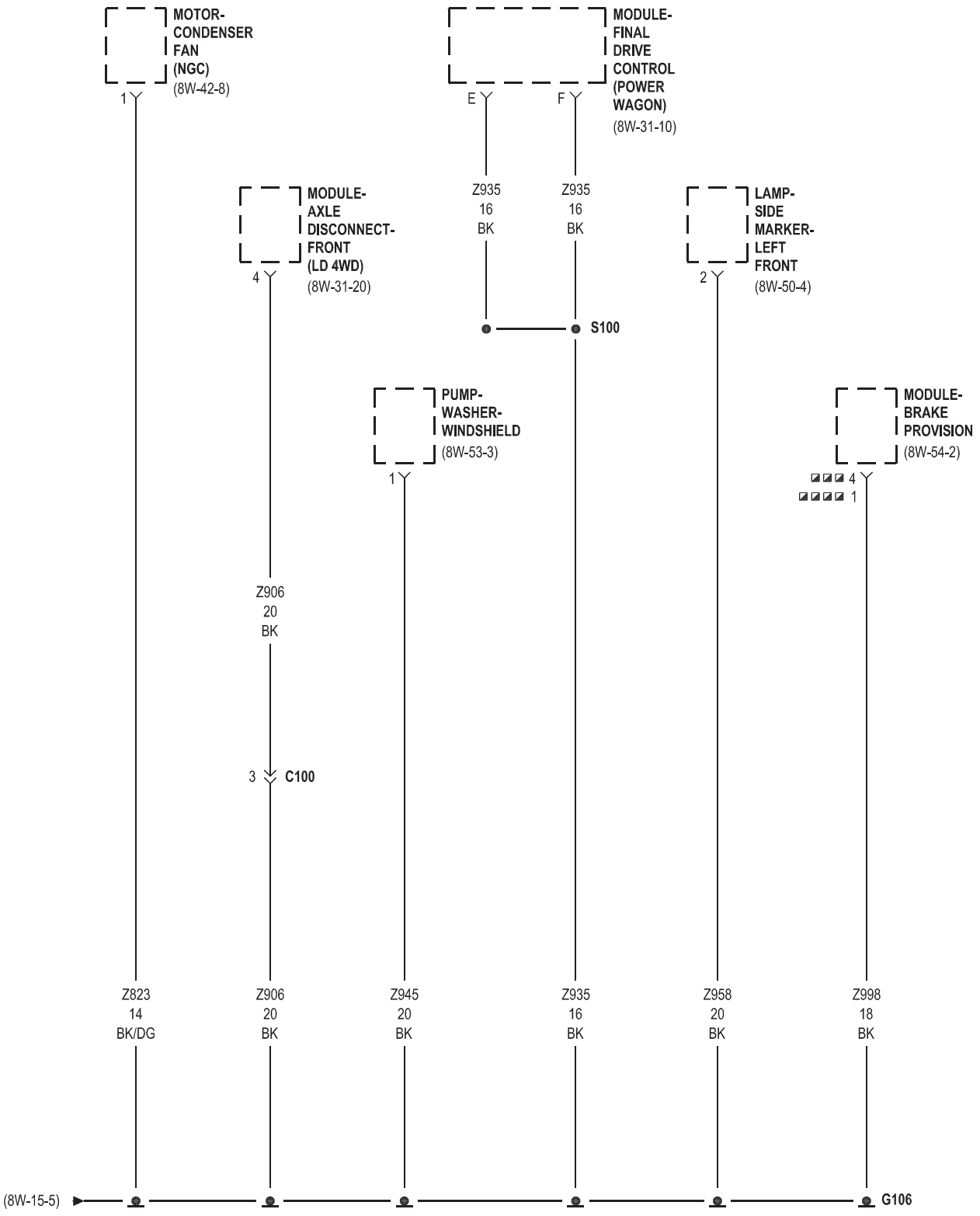
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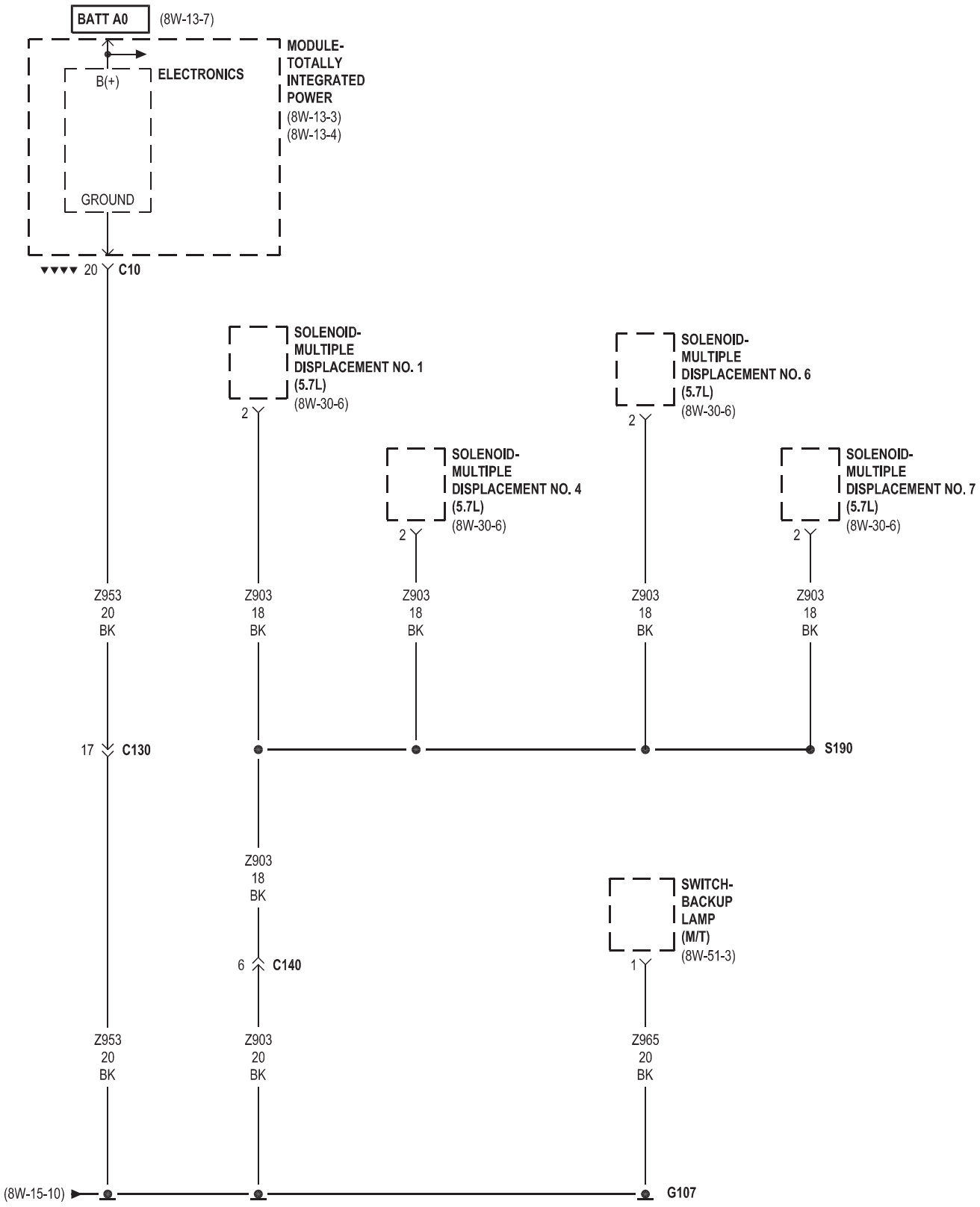
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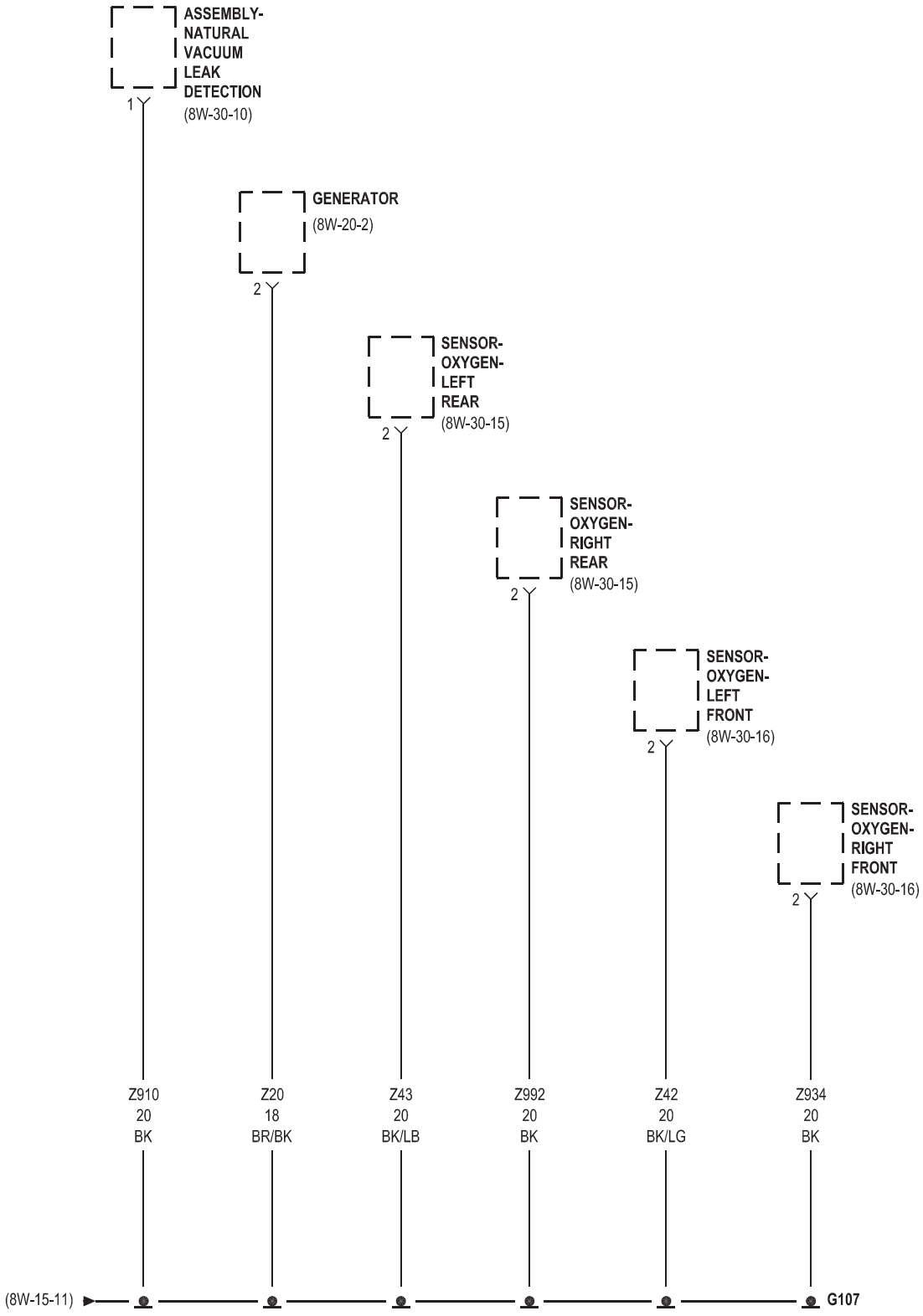
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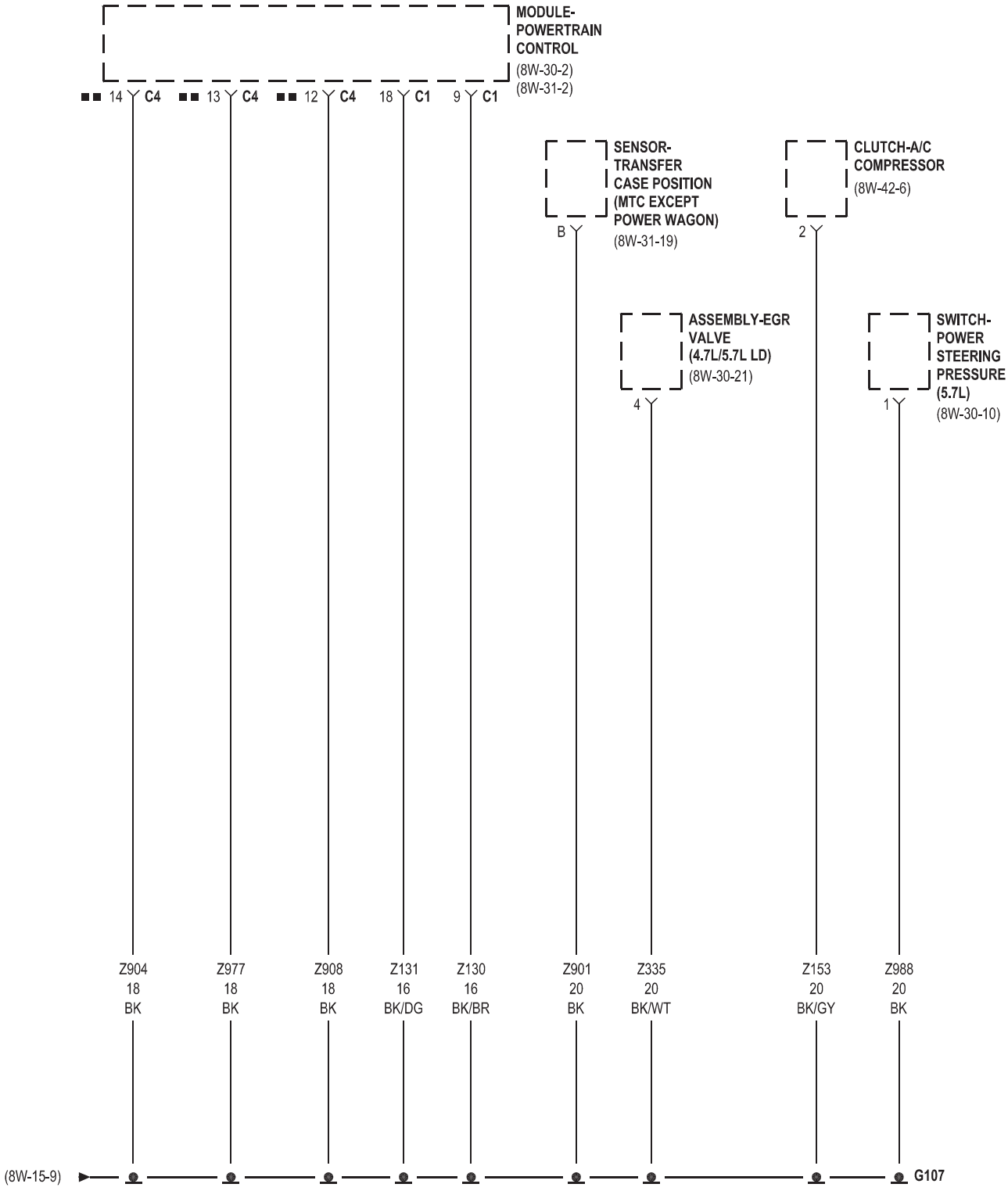
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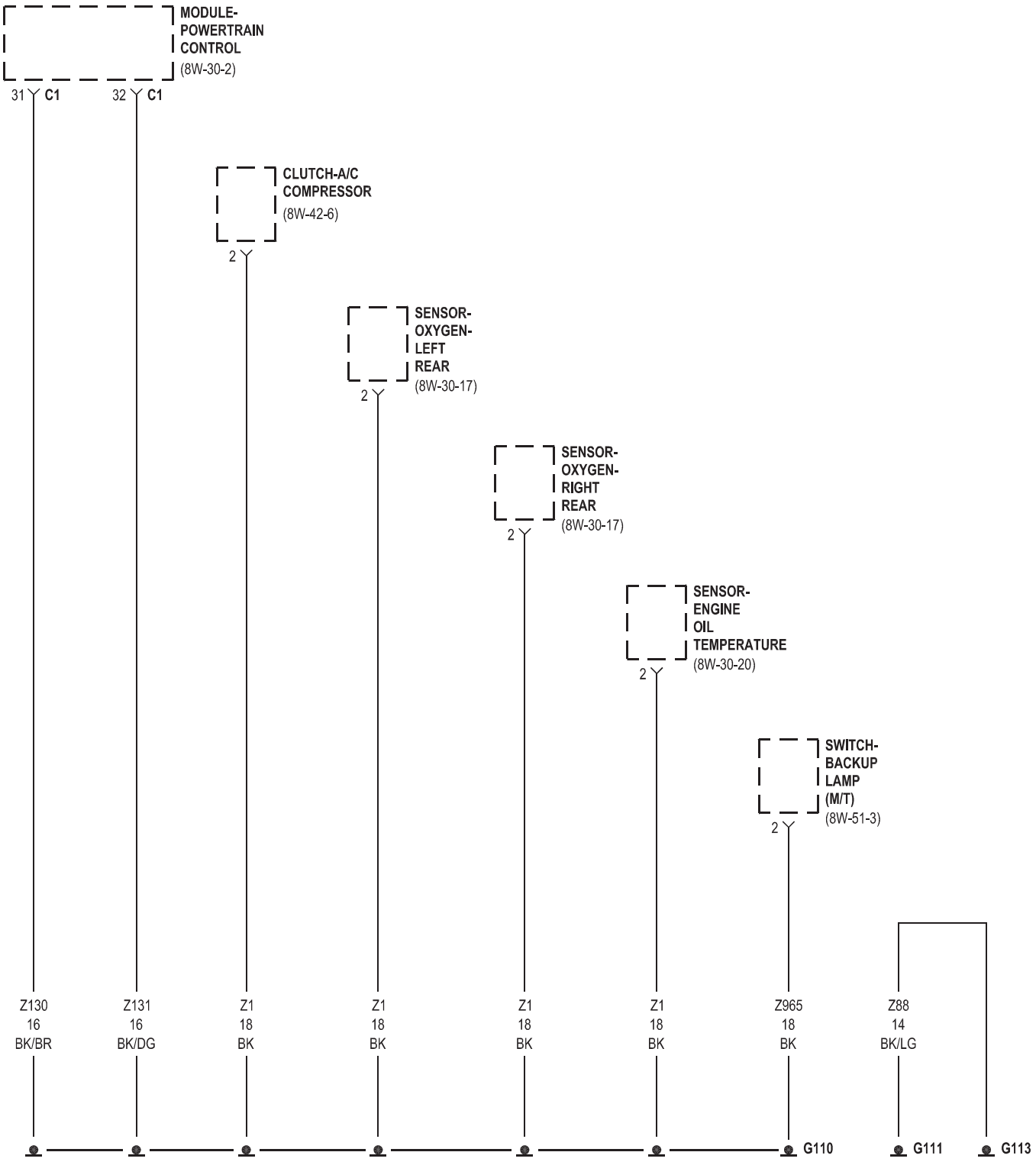


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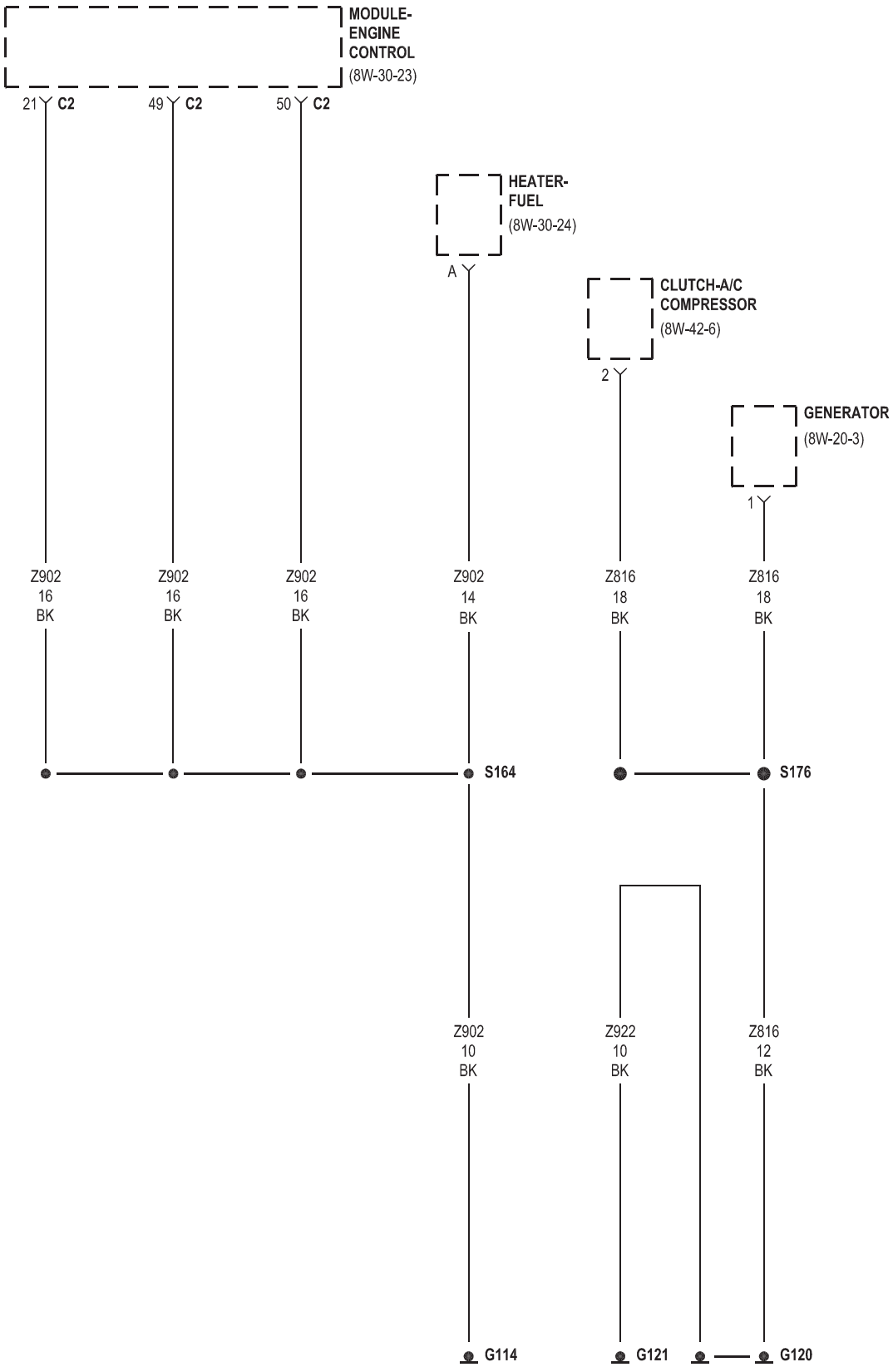


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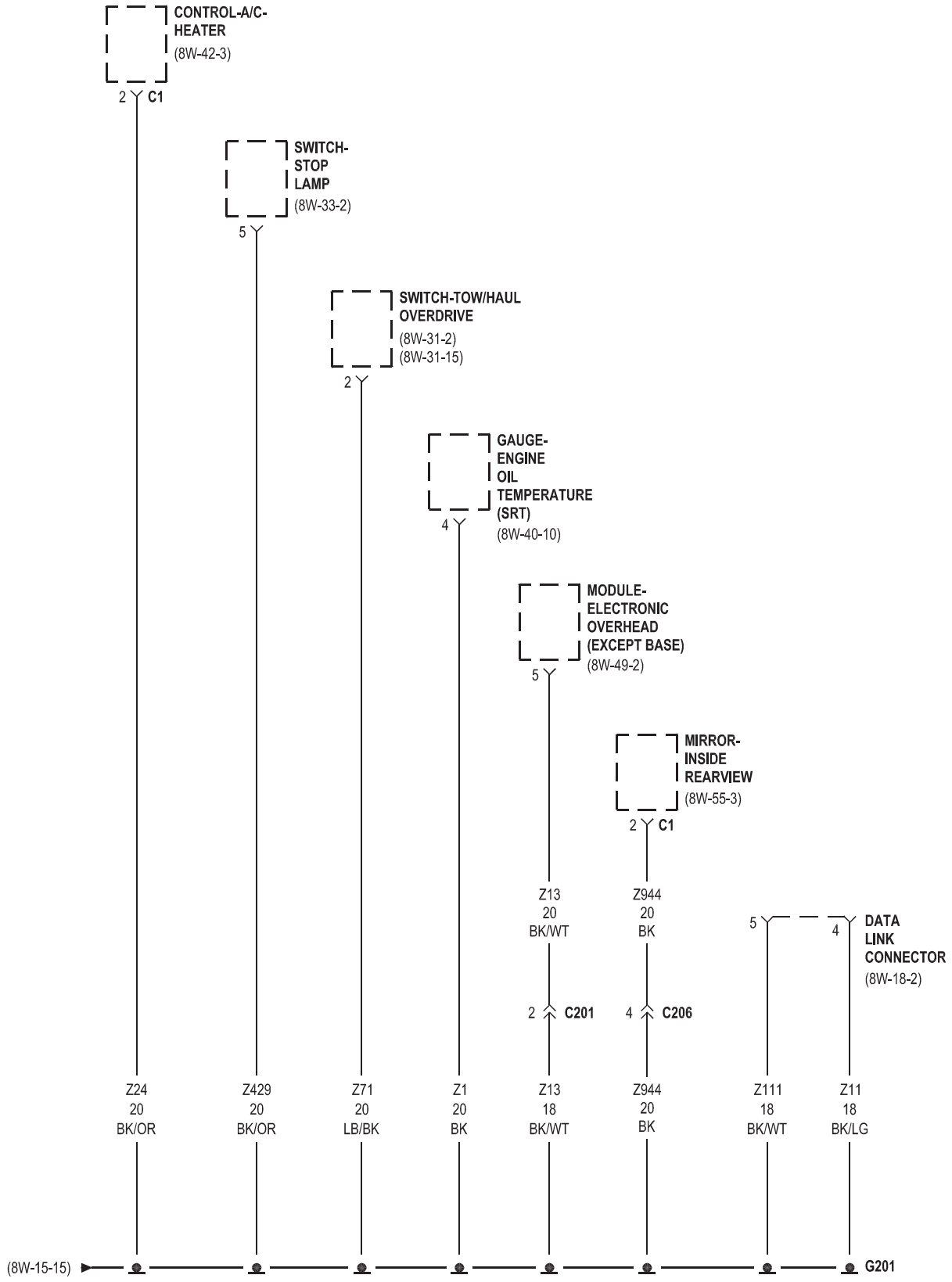
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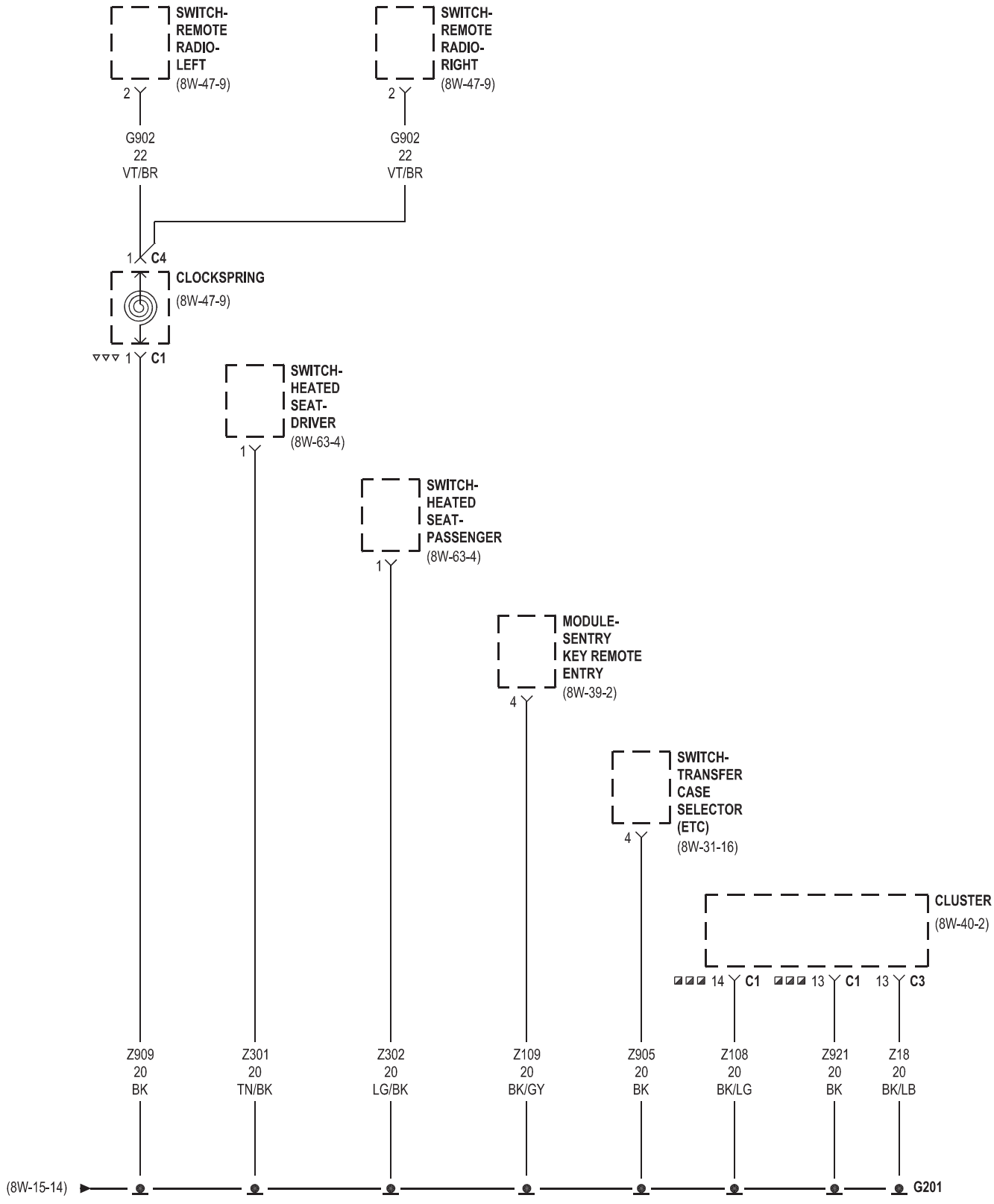
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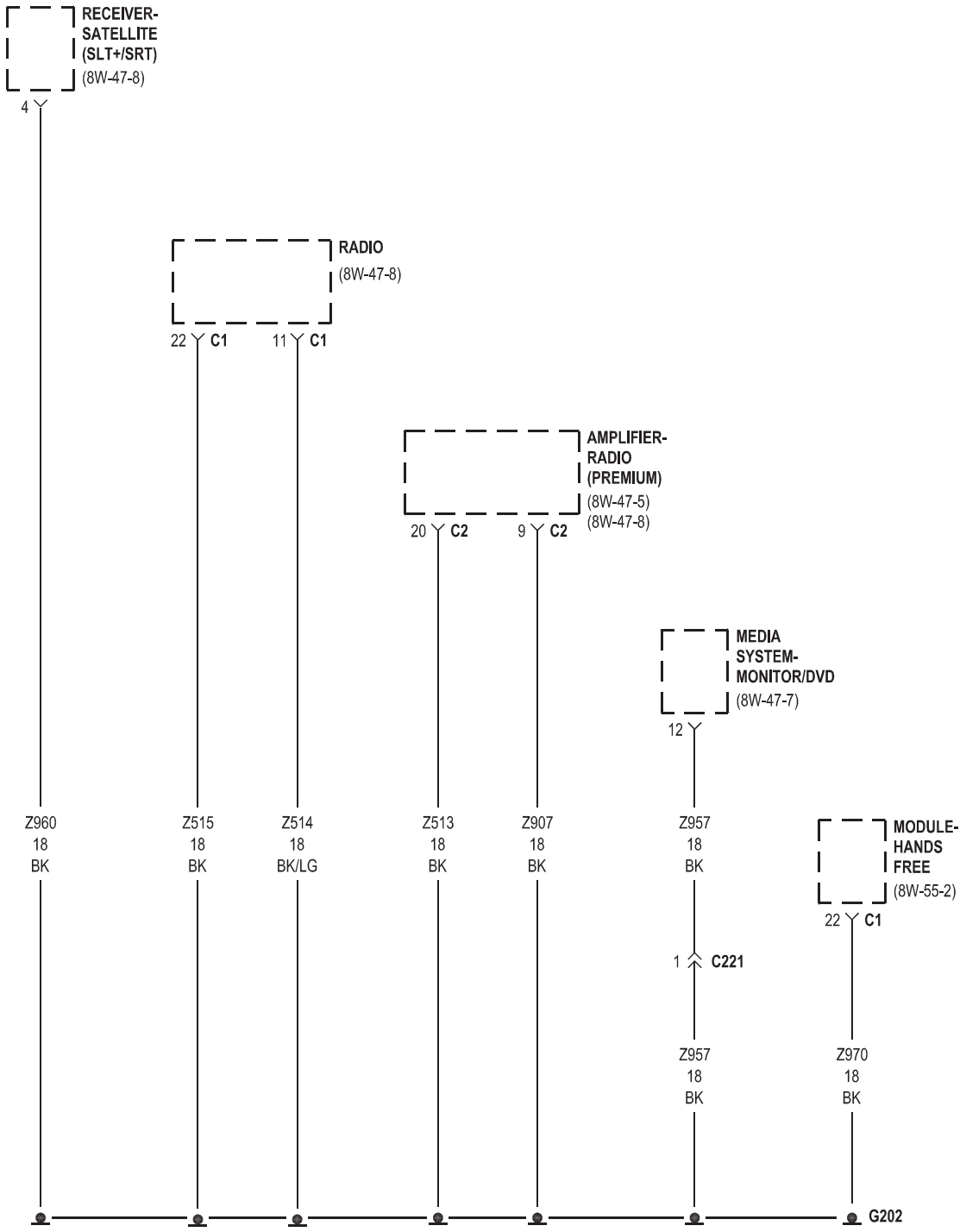


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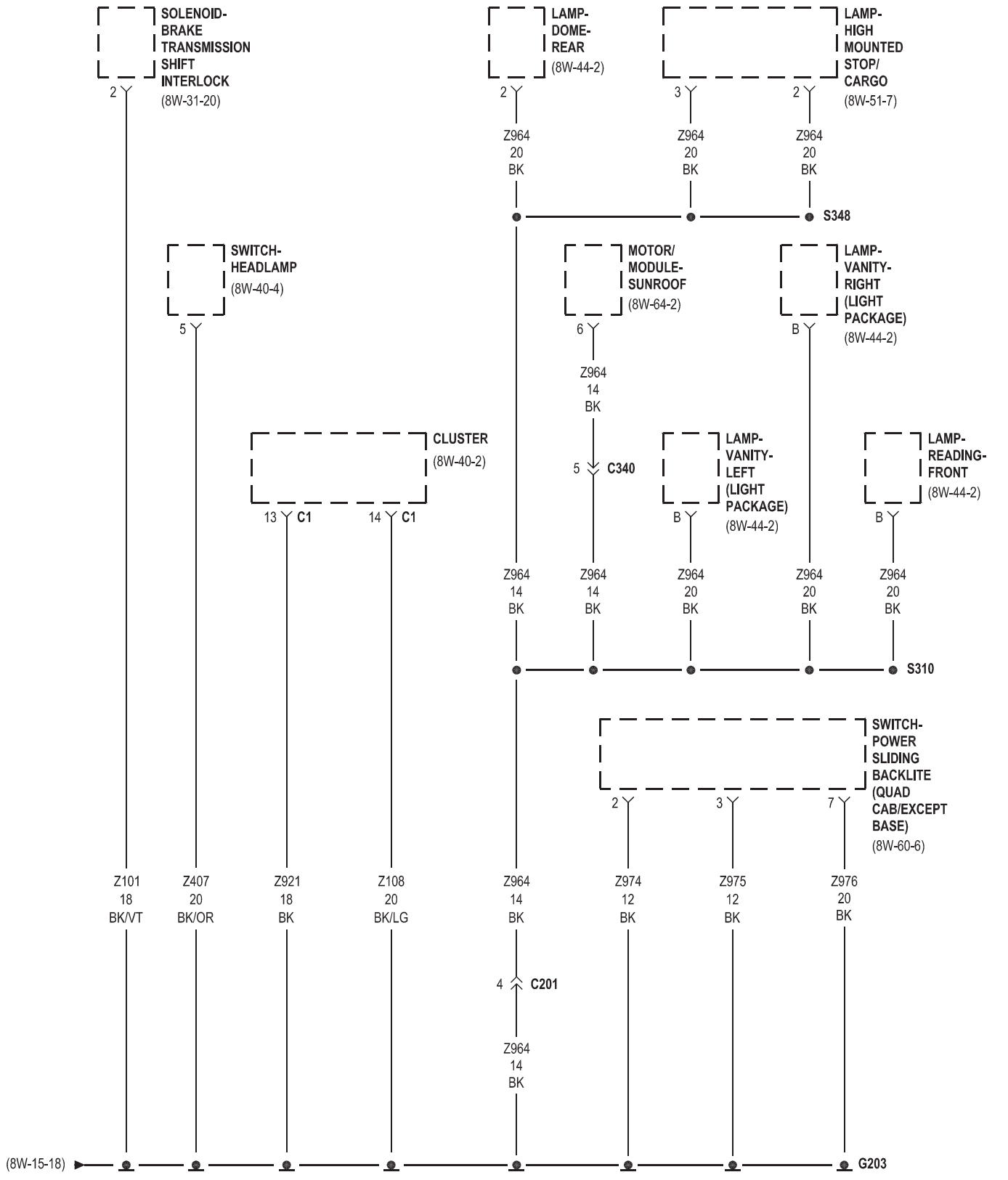


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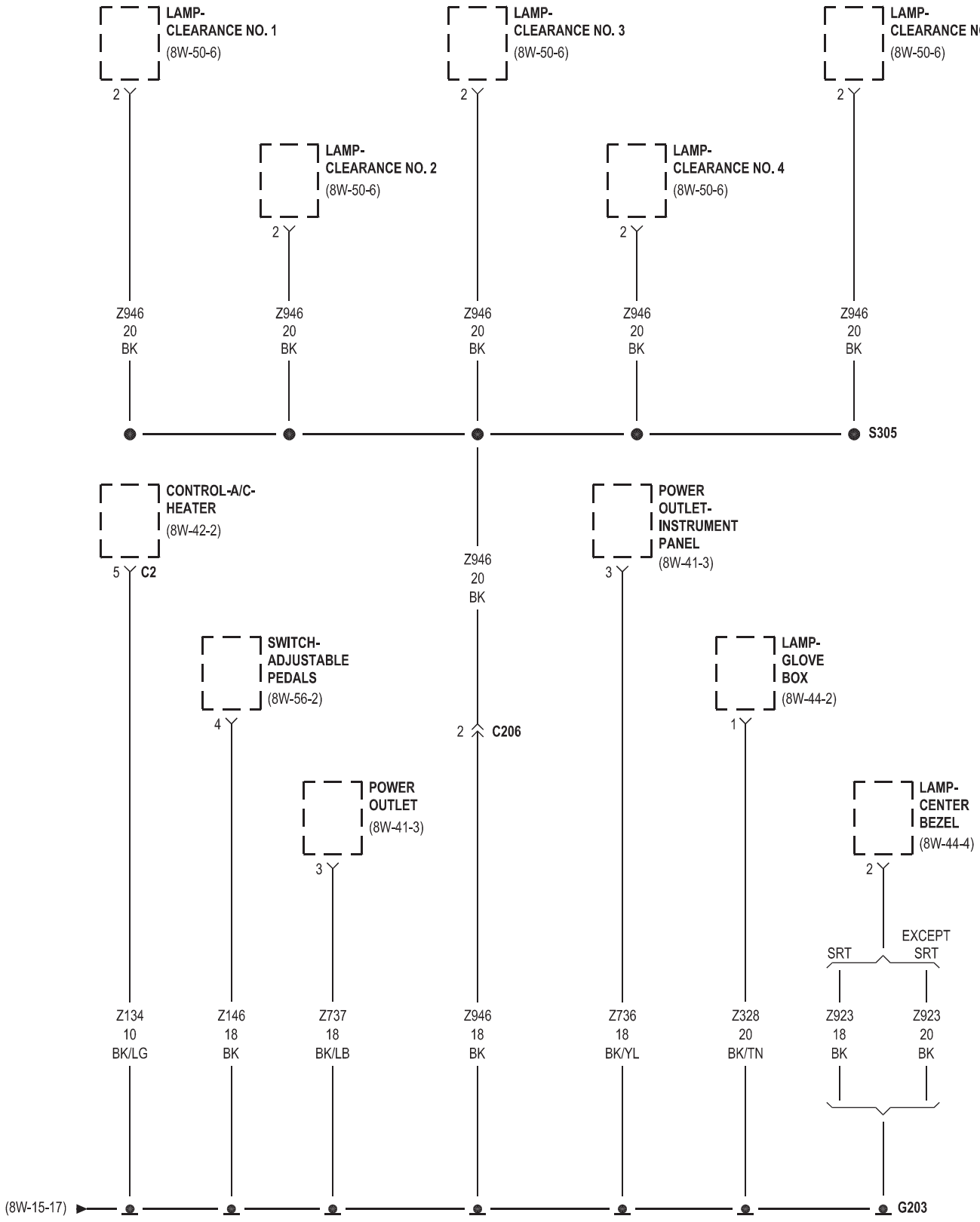
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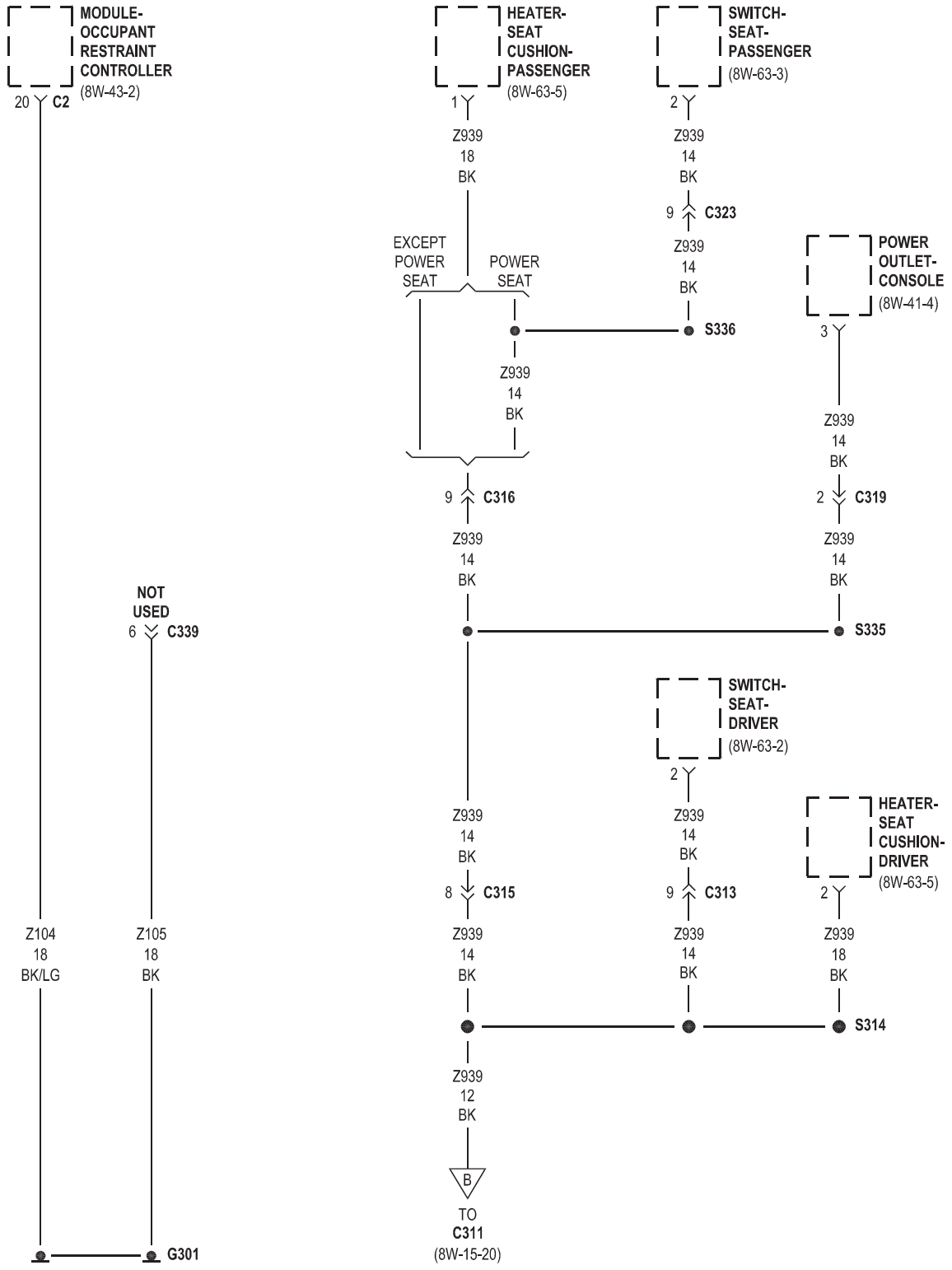
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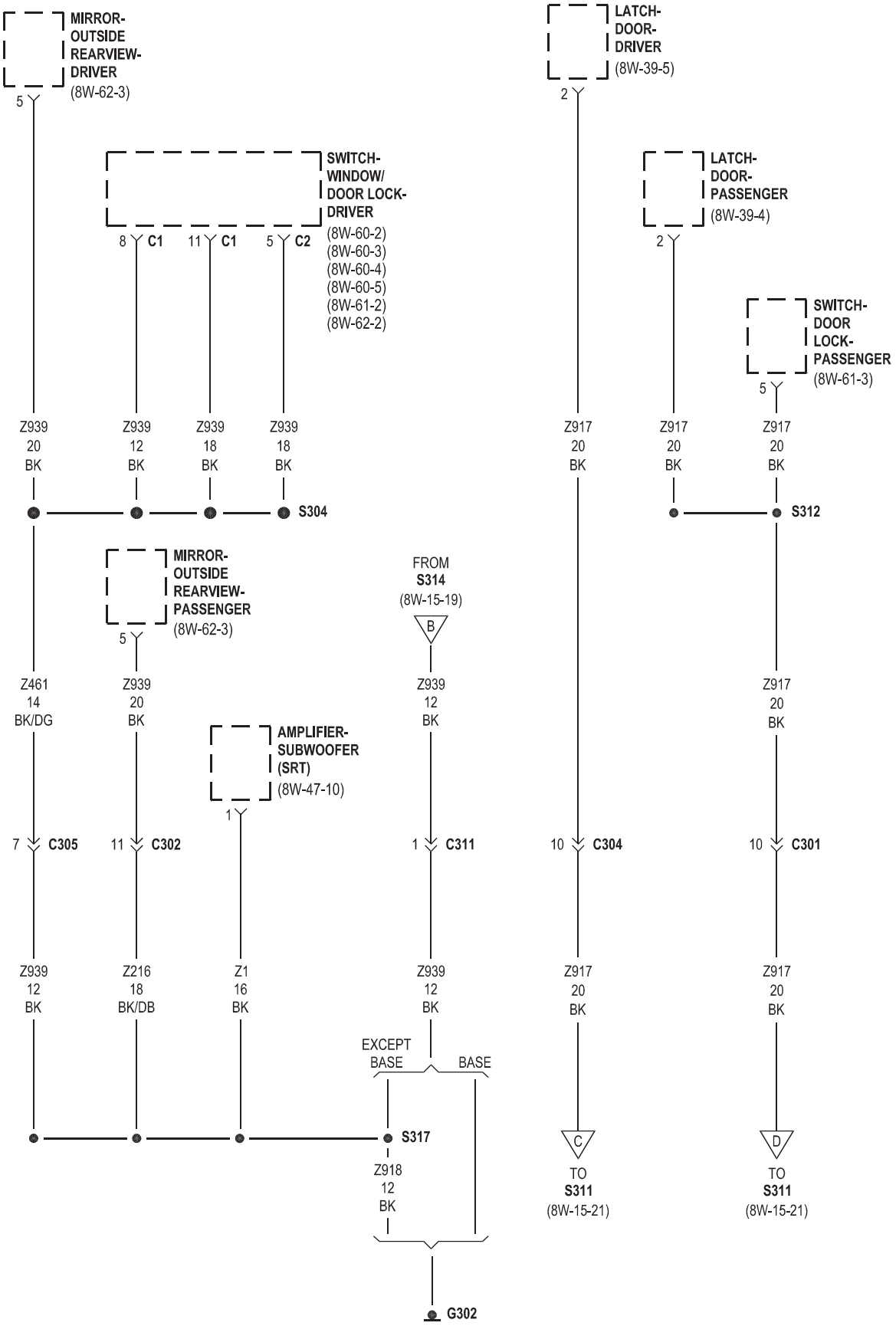
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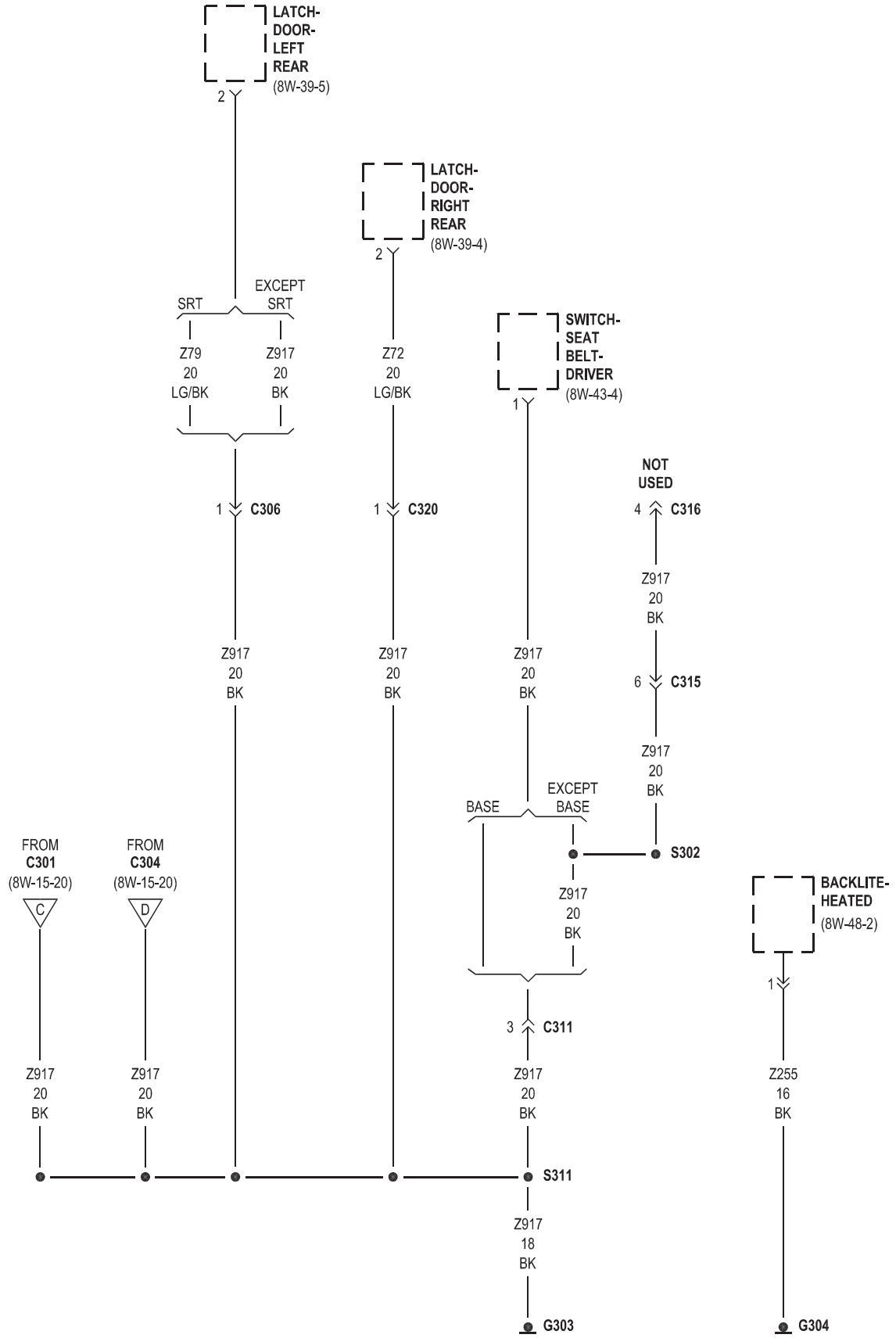
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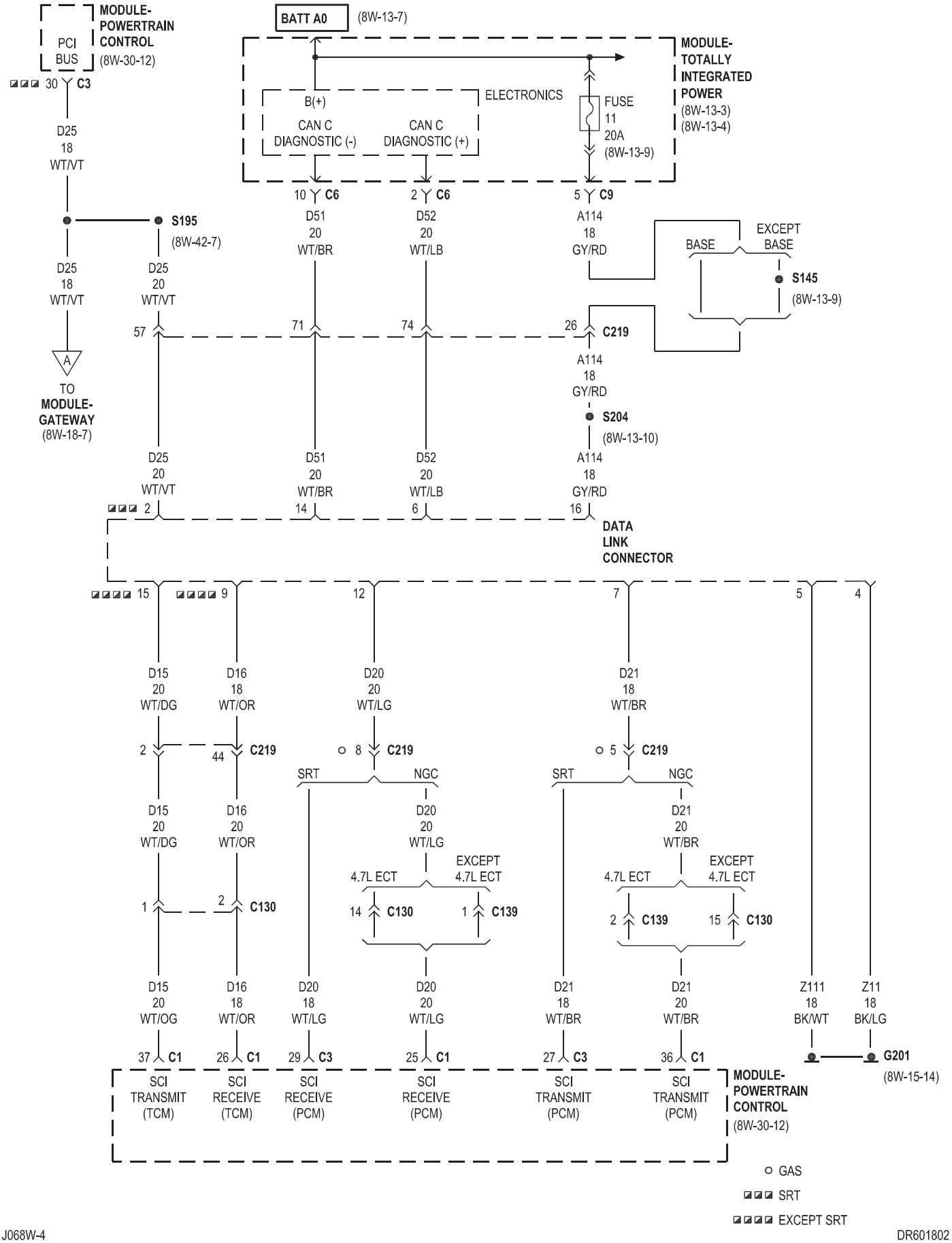
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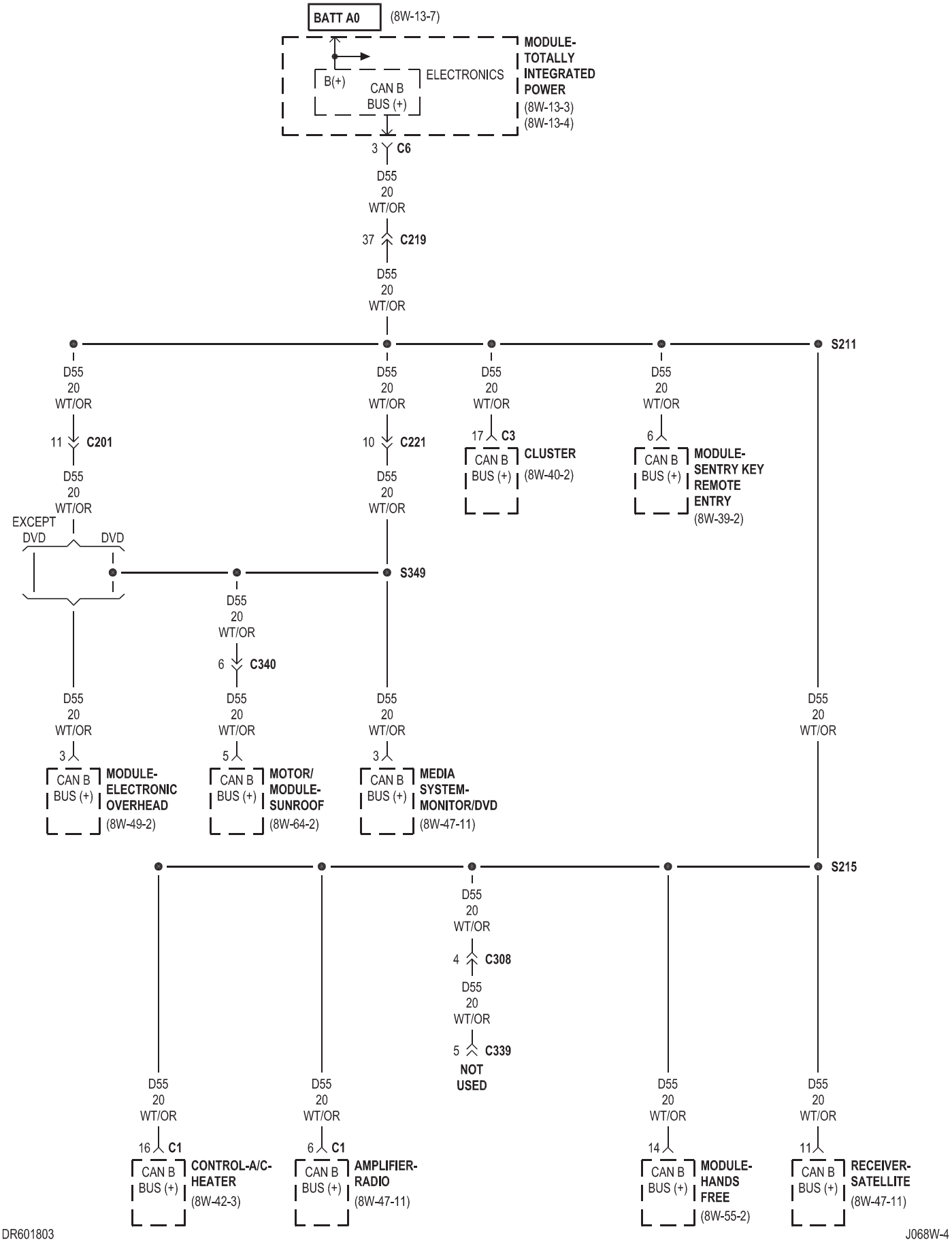
8W-18 BUS COMMUNICATIONS

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Module-Electronic Overhead	8W-18-3, 4
Module-Engine Control	8W-18-5, 6
Module-Final Drive Control	8W-18-5, 6
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Module-Hands Free	8W-18-3, 4
Module-Occupant Restraint Controller	8W-18-4
Module-Powertrain Control	8W-18-2, 5, 6
Module-Sentry Key Remote Entry	8W-18-3, 4
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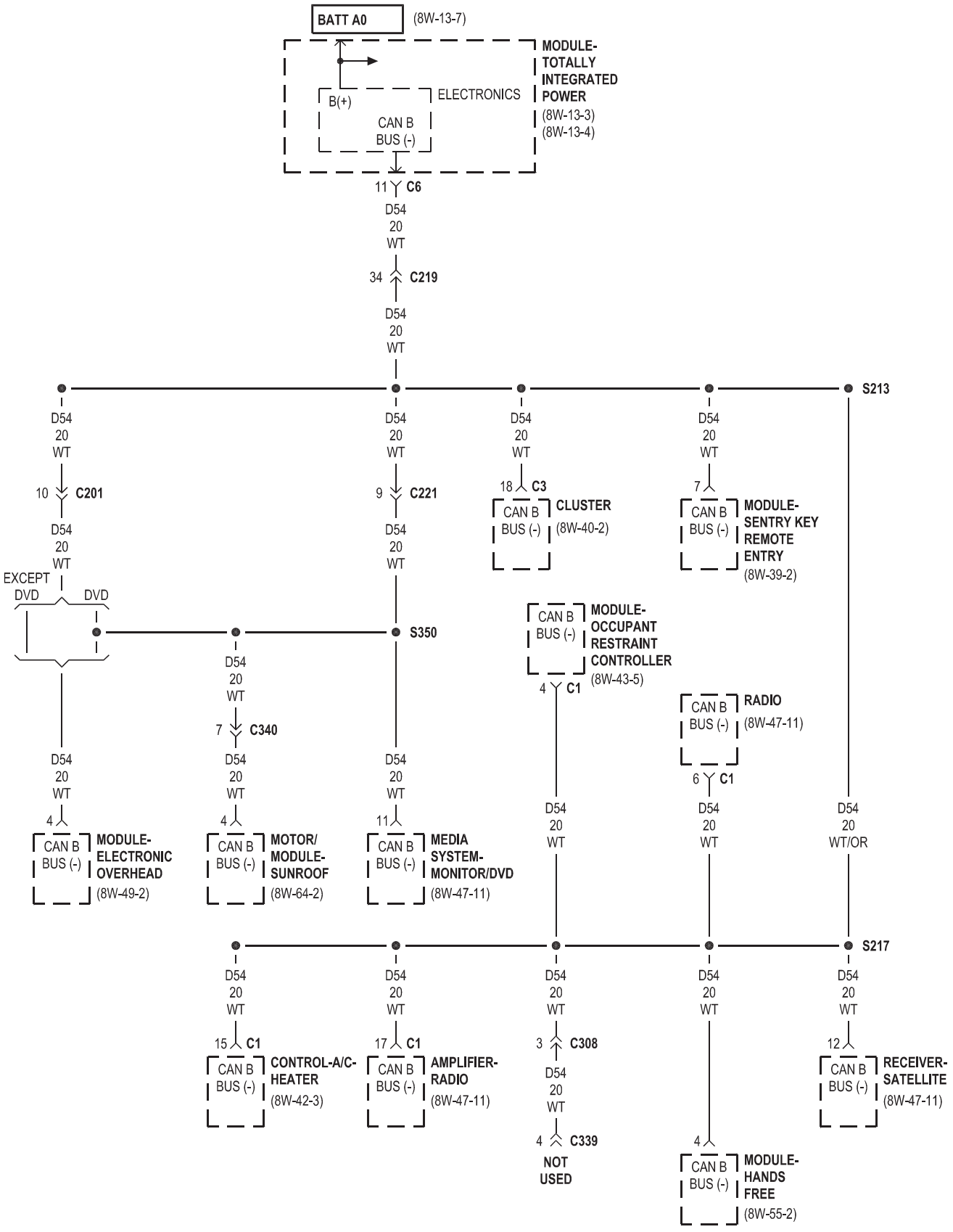
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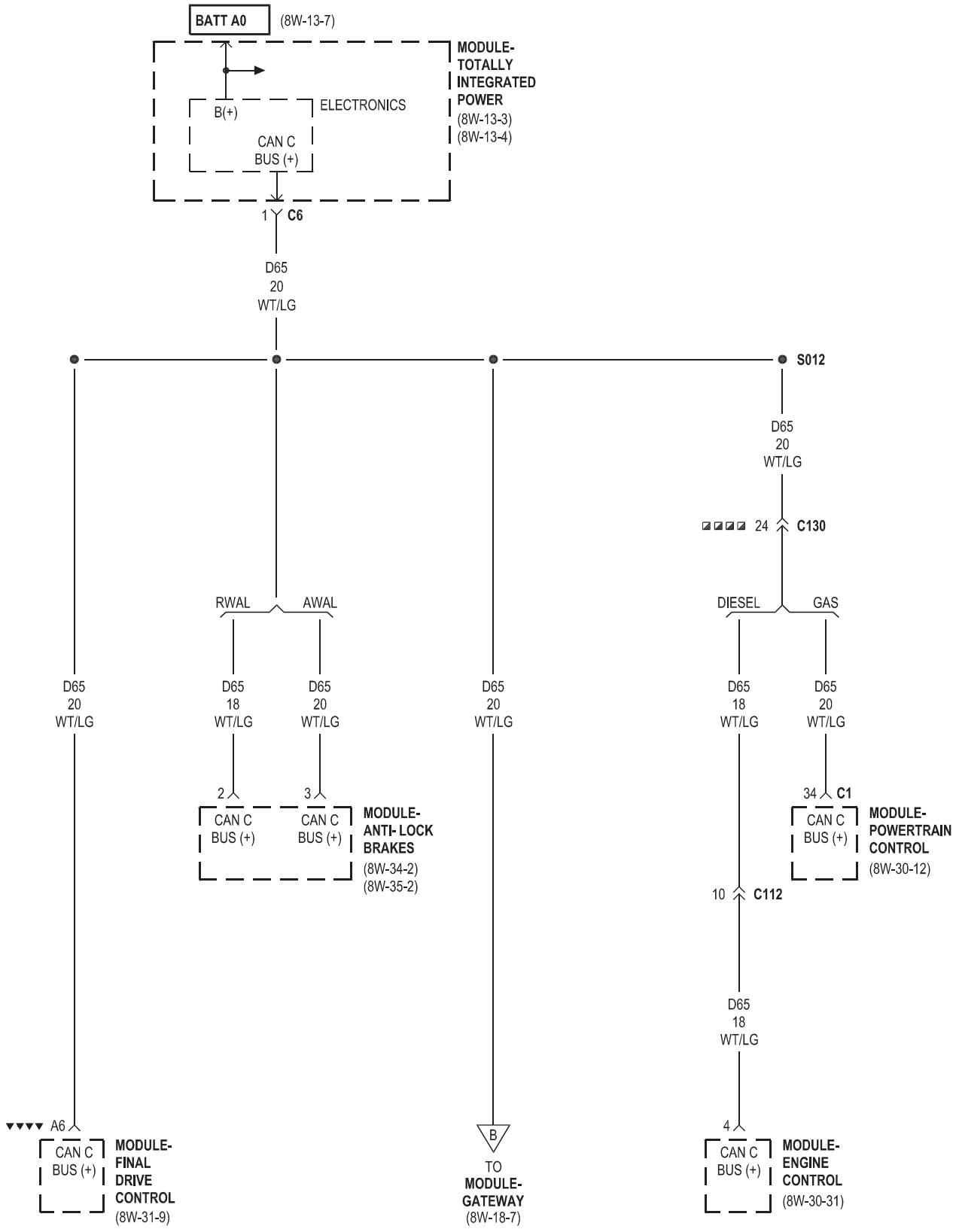
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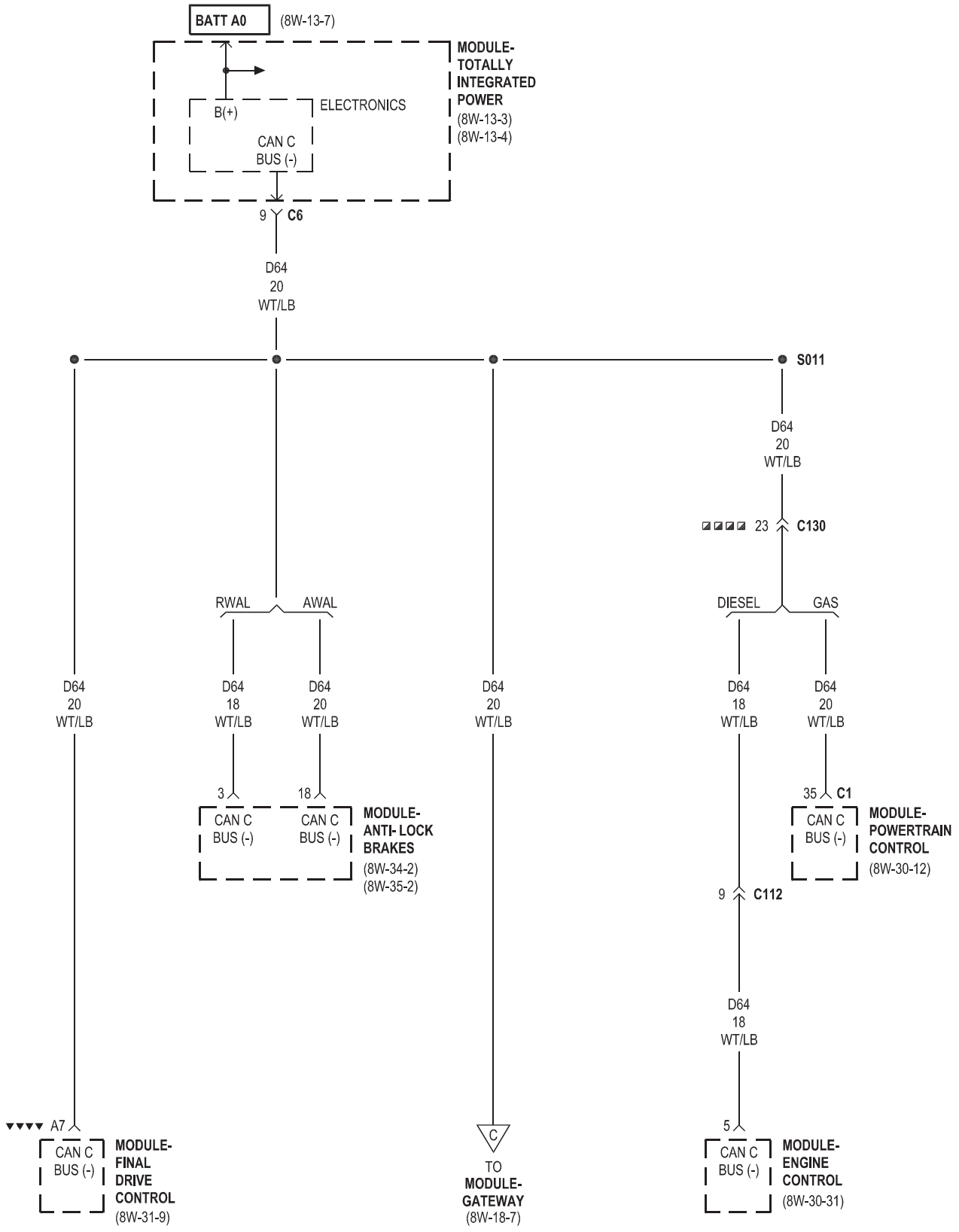


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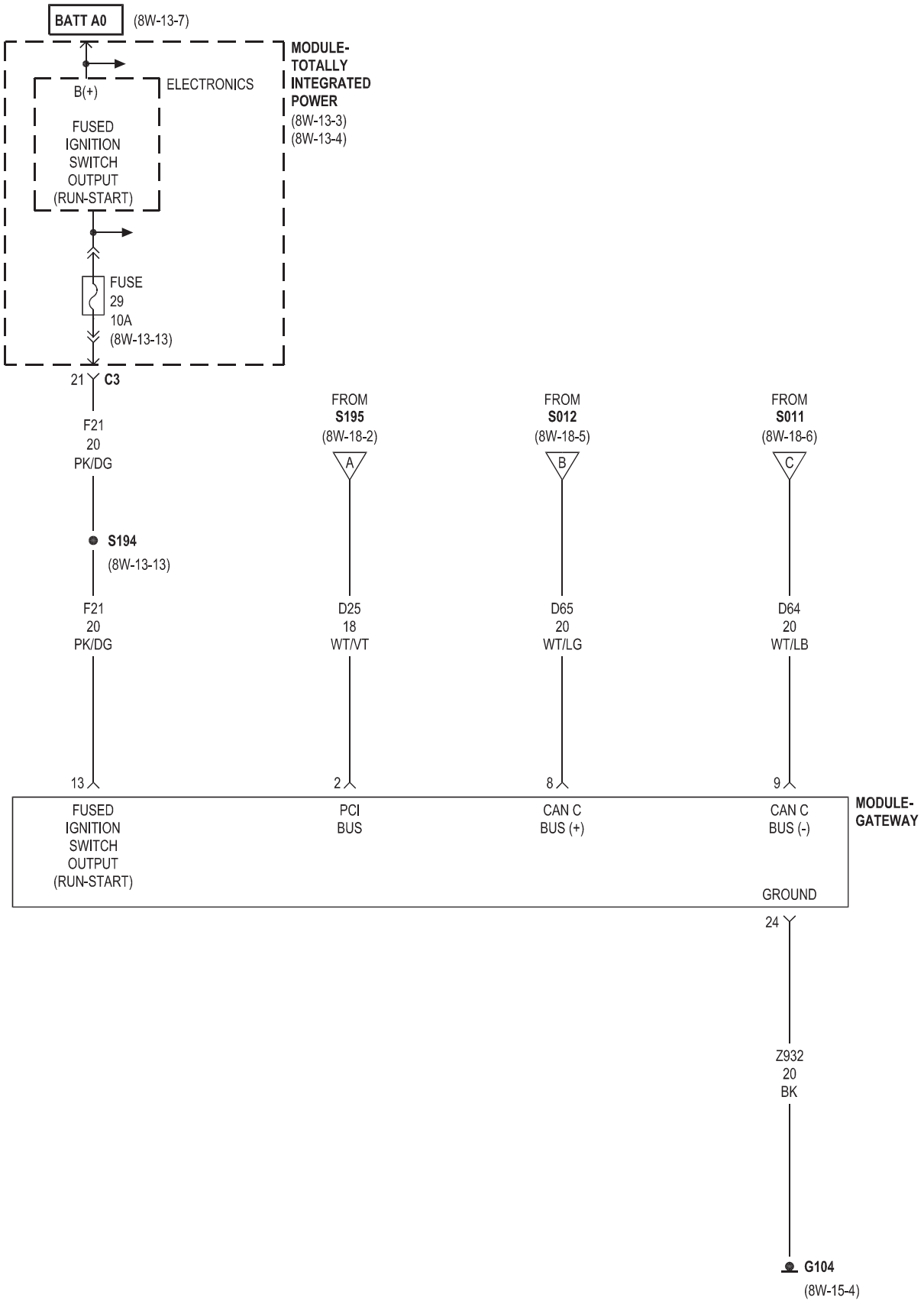
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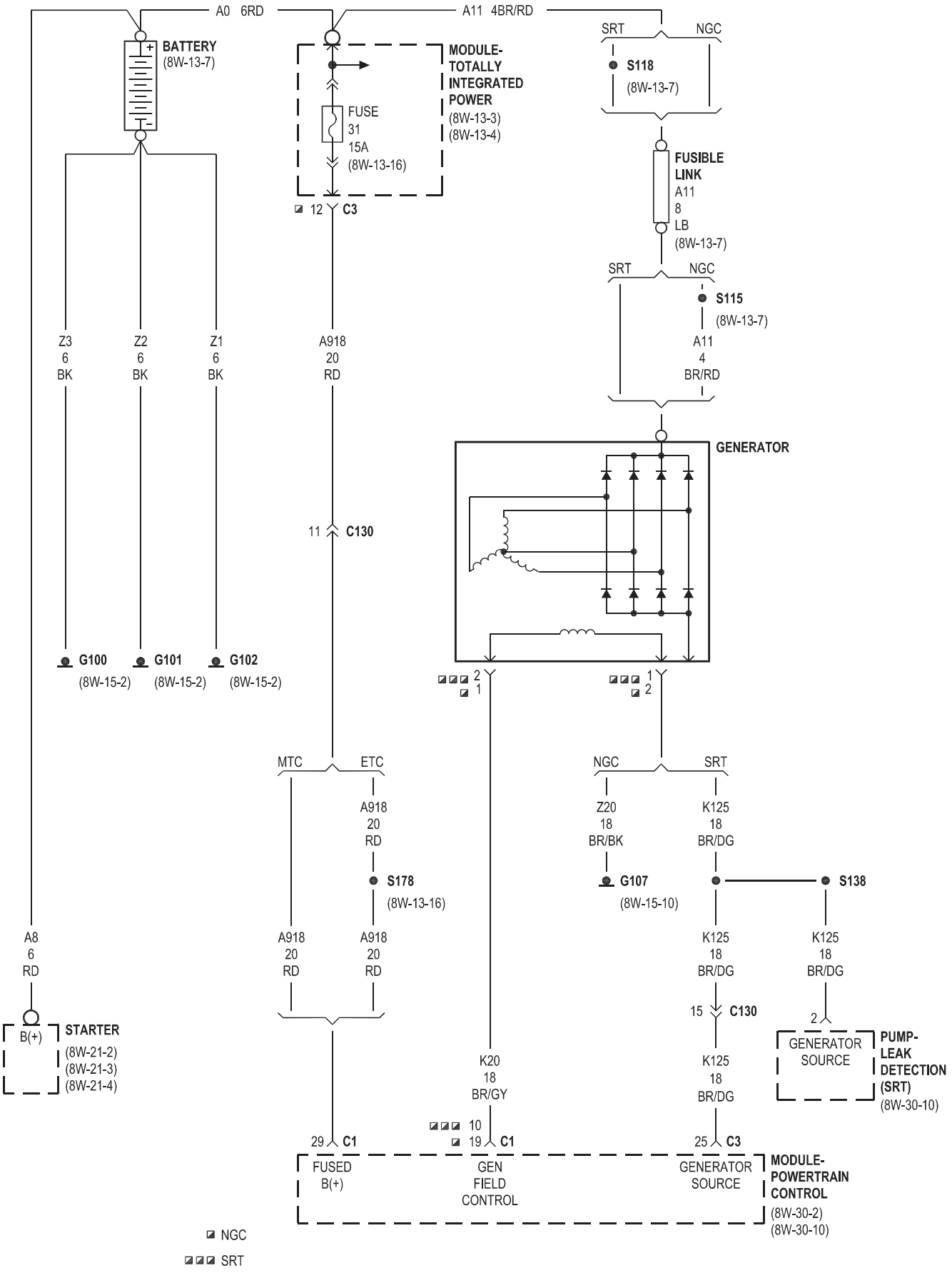
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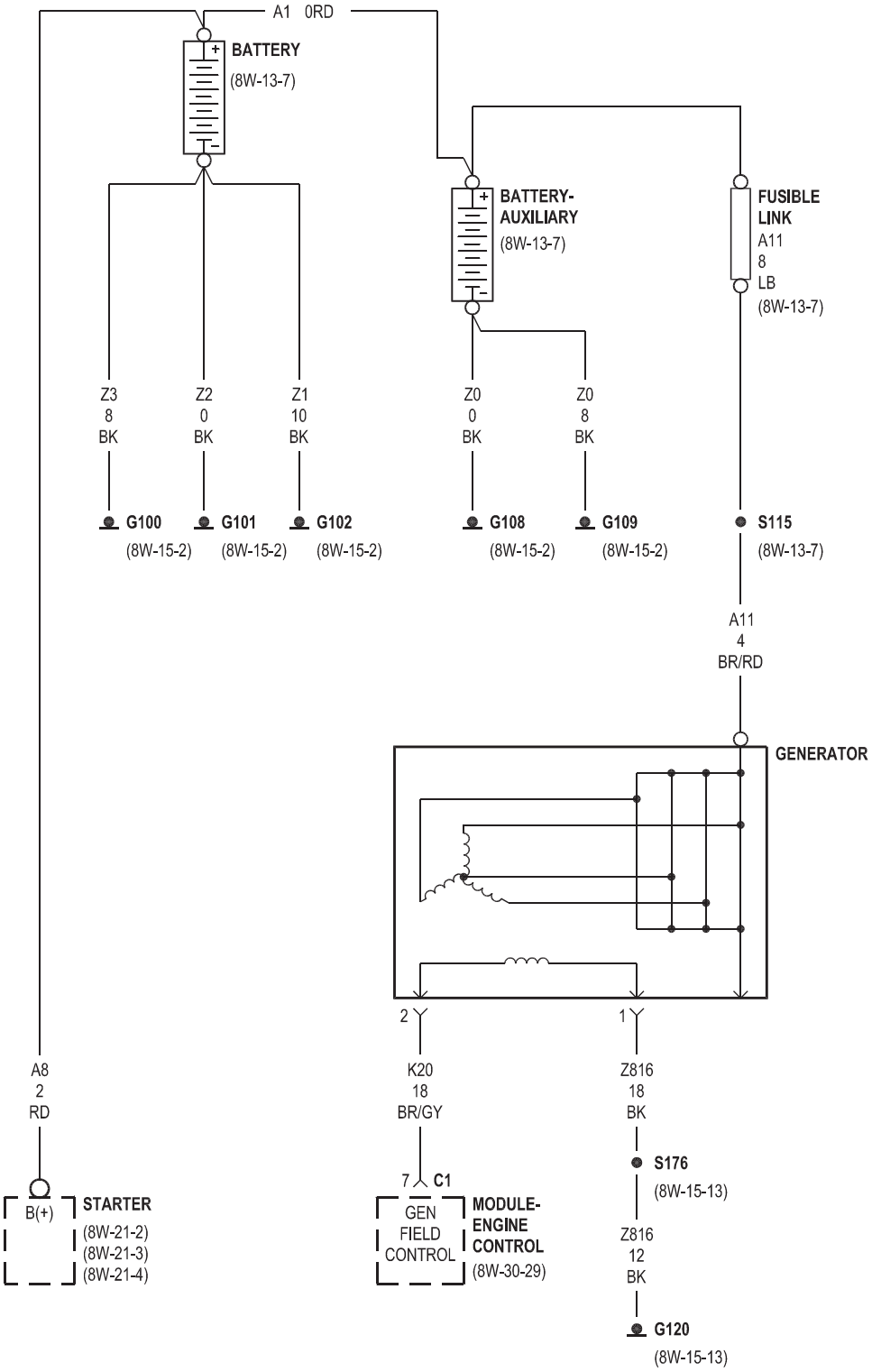
8W-20 CHARGING SYSTEM

Component	Page
Battery-Auxiliary	8W-20-3
Fuse 31	8W-20-2
Fusible Link	8W-20-2, 3
G100	8W-20-2, 3
G101	8W-20-2, 3
G102	8W-20-2, 3
G107	8W-20-2
G108	8W-20-3
G109	8W-20-3
G120	8W-20-3
Generator	8W-20-2, 3
Module-Engine Control	8W-20-3
Module-Powertrain Control	8W-20-2
Module-Totally Integrated Power	8W-20-2
Pump-Leak Detection	8W-20-2
Starter	8W-20-2, 3

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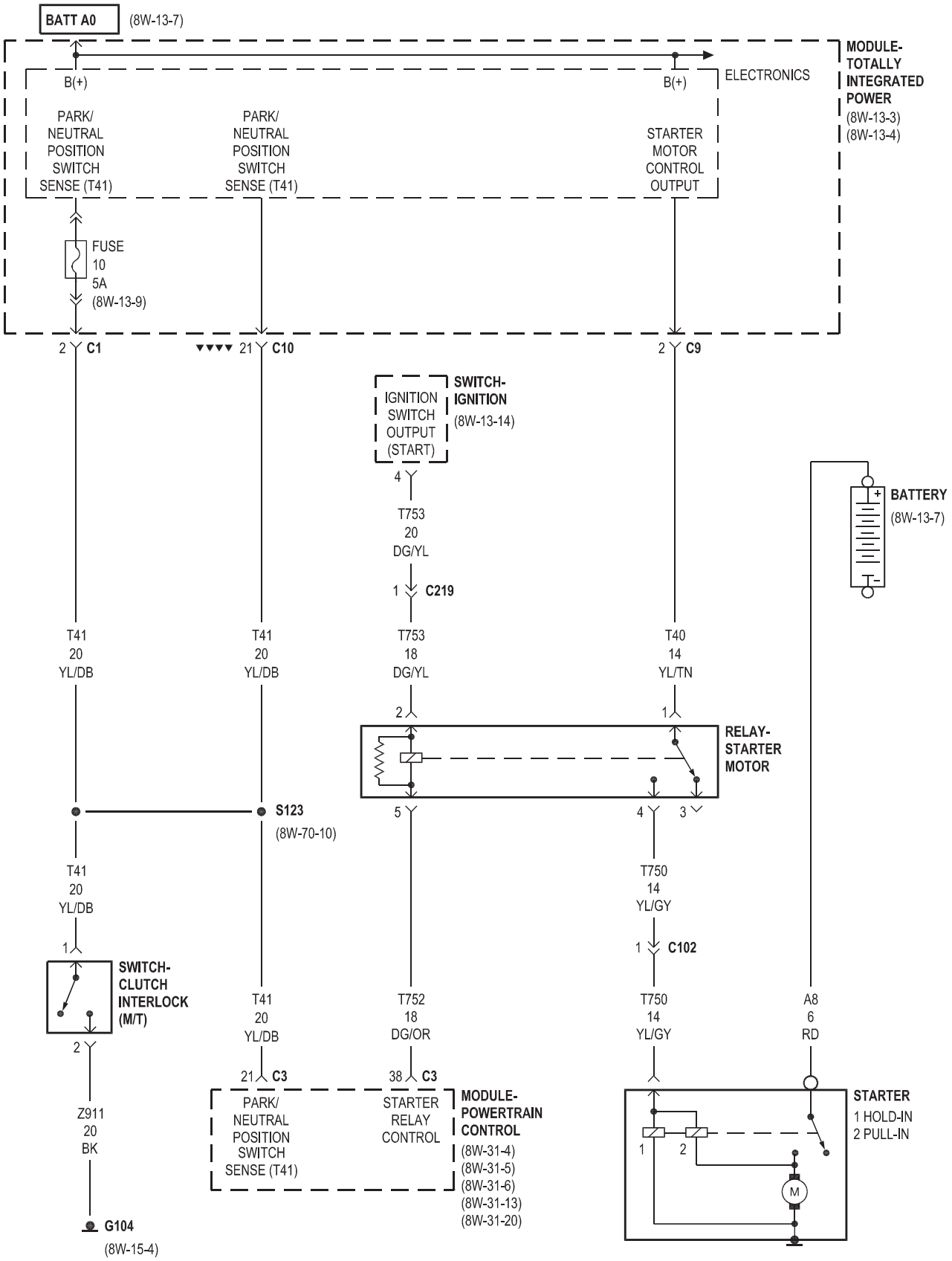
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8W-21 STARTING SYSTEM

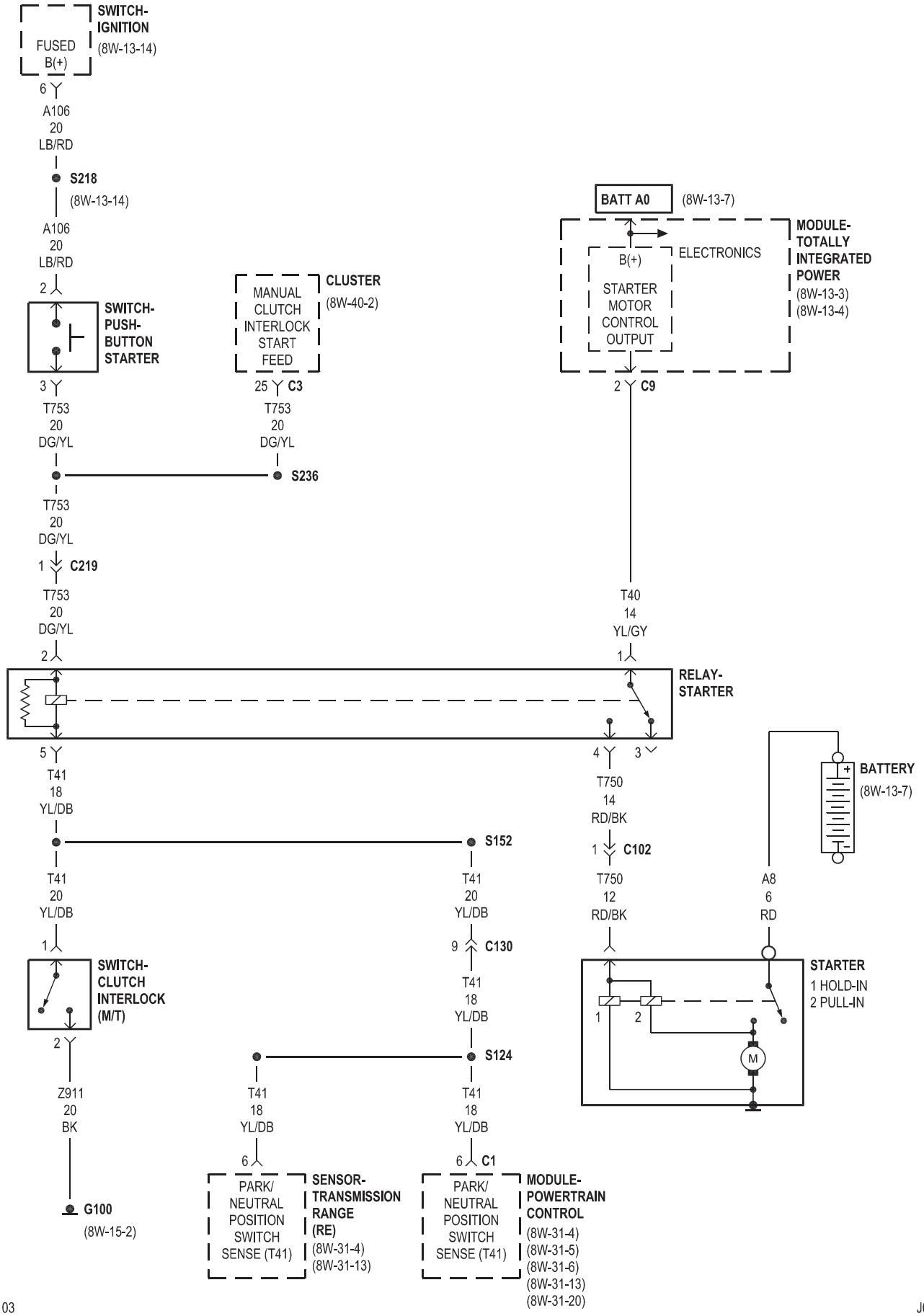
Component	Page
Battery-Auxiliary	8W-21-4
Cluster	8W-21-3
Electronics	8W-21-2, 3, 4
Fuse 10	8W-21-2, 4
G100	8W-21-3
G104	8W-21-2, 4
Module-Powertrain Control	8W-21-2, 3
Module-Totally Integrated Power	8W-21-2, 3, 4
Relay-Starter	8W-21-3
Relay-Starter Motor	8W-21-2, 4
Sensor-Transmission Range	8W-21-3, 4
Starter	8W-21-2, 3, 4
Switch-Clutch Interlock	8W-21-2, 3, 4
Switch-Ignition	8W-21-2, 3, 4
Switch-Push-Button Starter	8W-21-3

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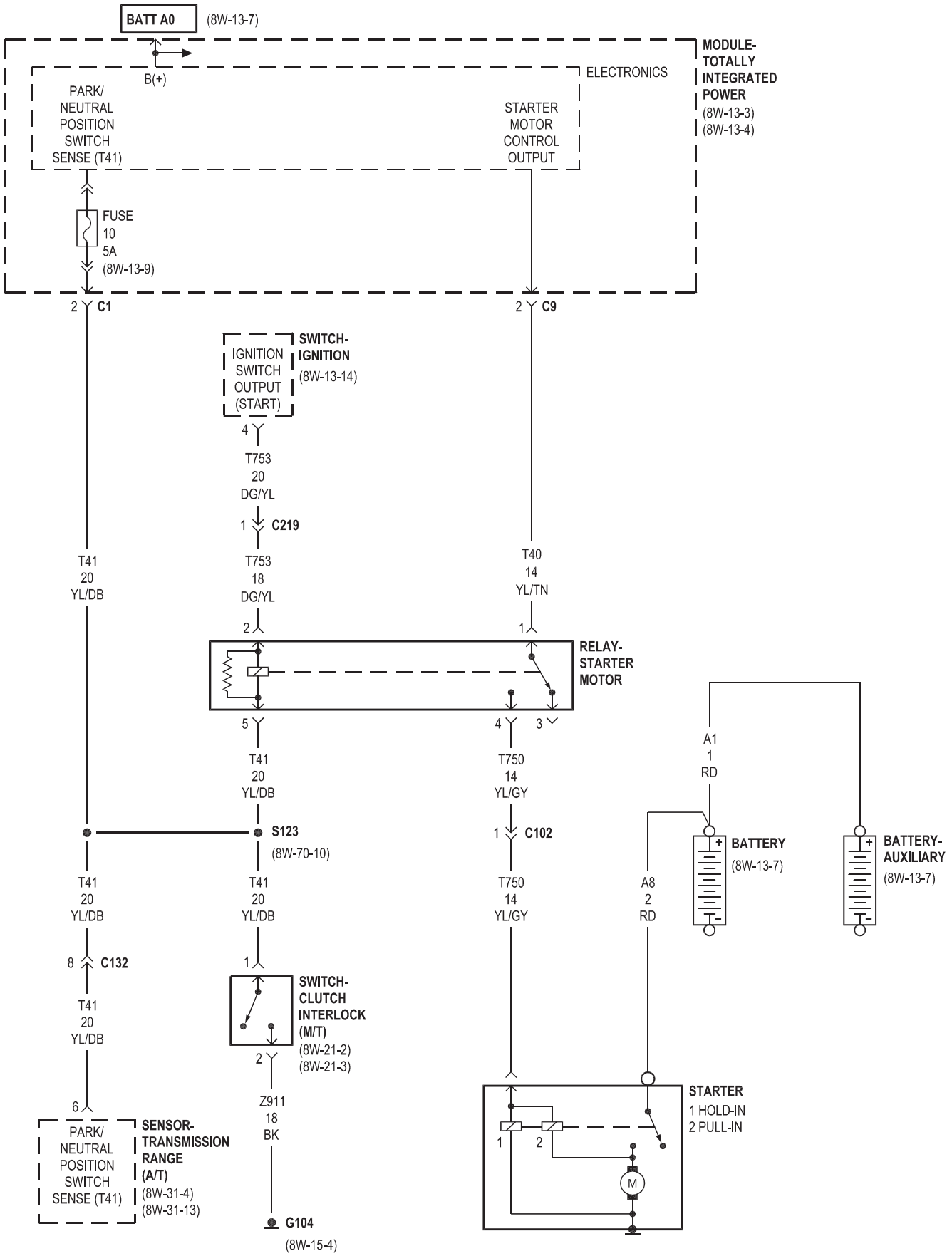


▼▼▼▼ POWER WAGON

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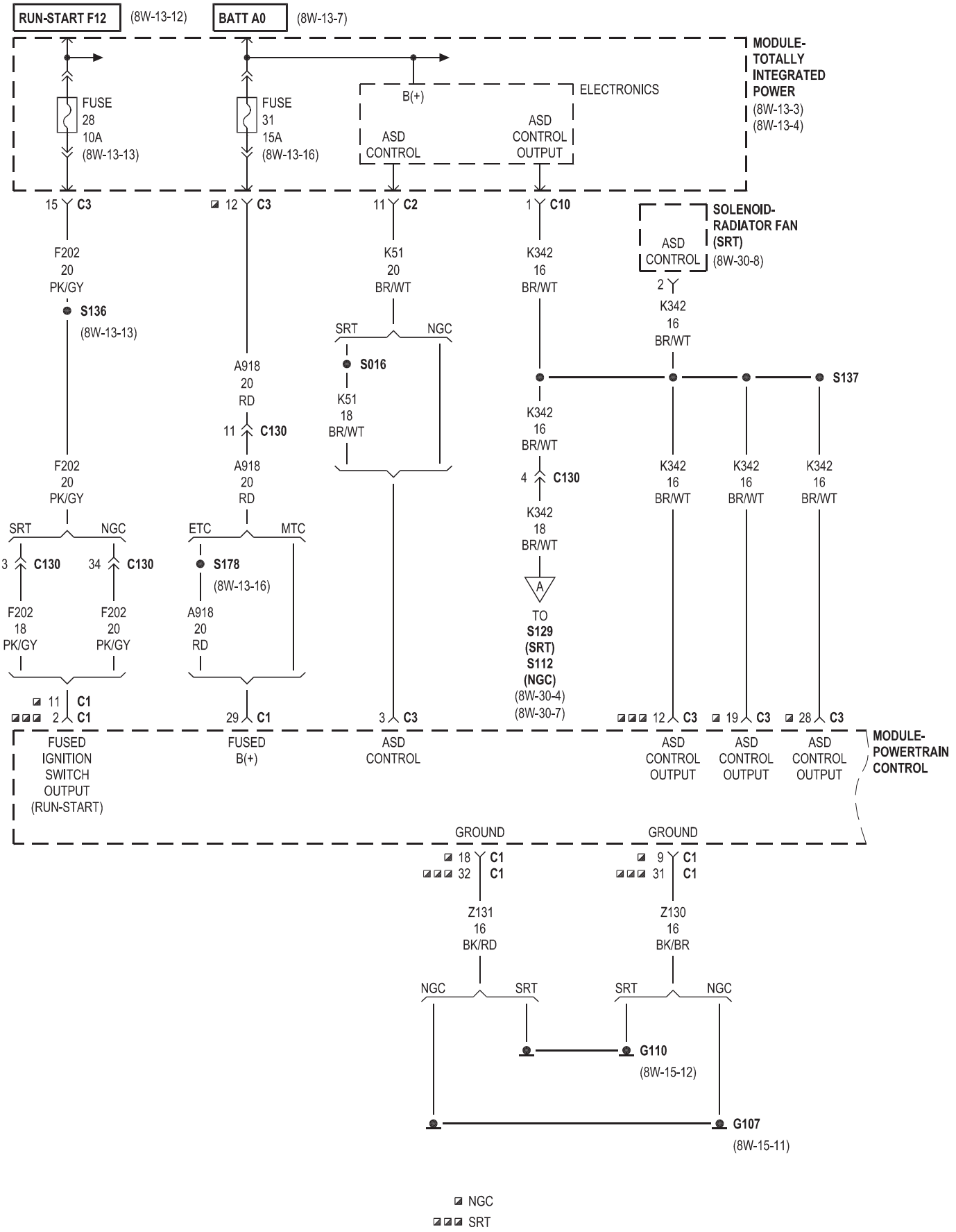


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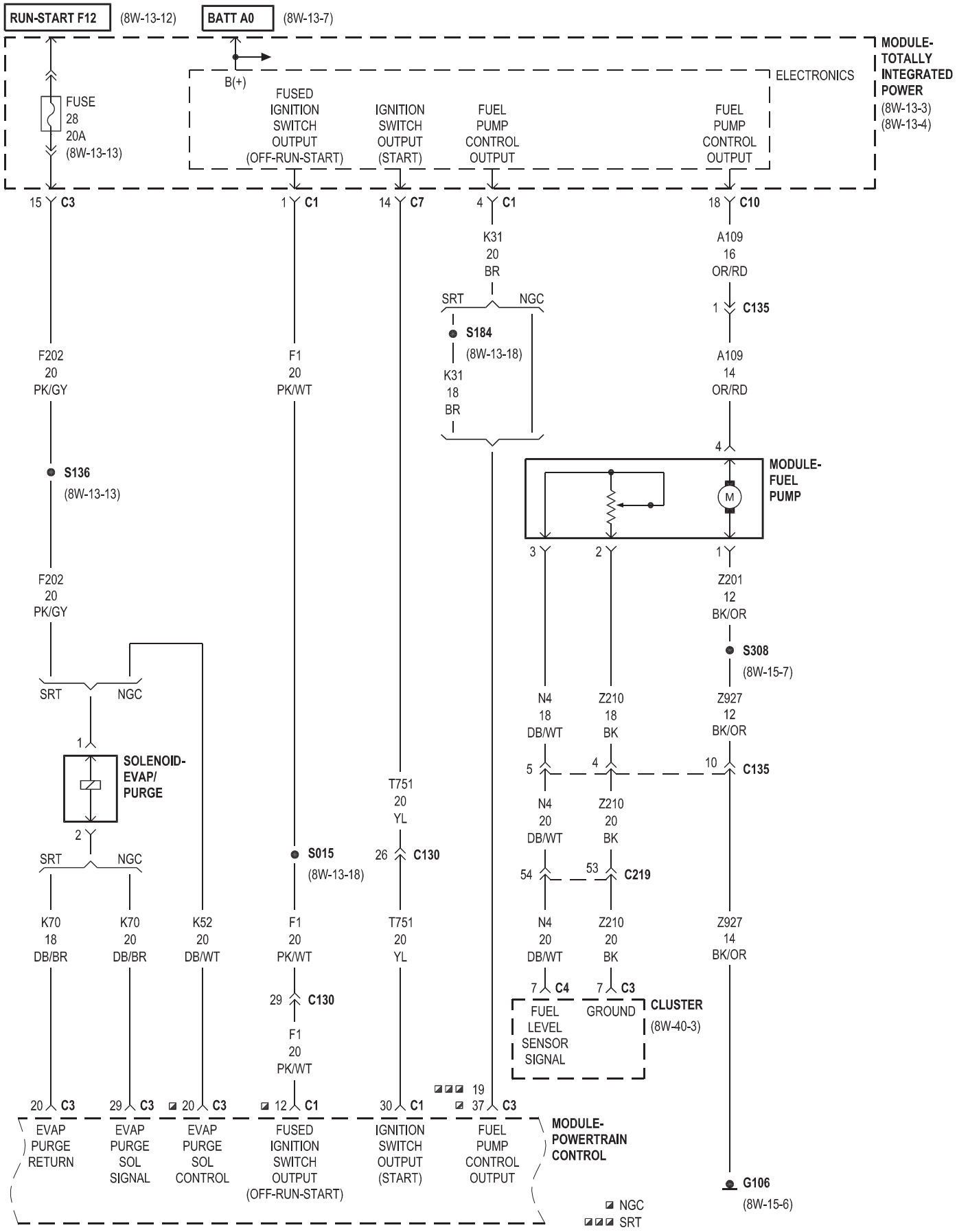
8W-30 FUEL/IGNITION SYSTEM

Component	Page
Assembly-EGR Valve	8W-30-21
Assembly-Natural Vacuum Leak Detection	8W-30-10
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Coil-Ignition-Left	8W-30-8
Coil-Ignition-No. 1	8W-30-5
Coil-Ignition-No. 2	8W-30-5
Coil-Ignition-No. 3	8W-30-5
Coil-Ignition-No. 4	8W-30-5
Coil-Ignition-No. 5	8W-30-4
Coil-Ignition-No. 6	8W-30-4
Coil-Ignition-No. 7	8W-30-4
Coil-Ignition-No. 8	8W-30-4
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Fuse 31	8W-30-2
Fuse 42	8W-30-23
Fuse 6	8W-30-28
Fusible Link	8W-30-23
G104	8W-30-11
G106	8W-30-3, 8, 23, 24
G107	8W-30-2, 6, 10, 15, 16, 21
G110	8W-30-2, 17
G114	8W-30-23, 24
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Injector-Fuel-No. 10	8W-30-7
Injector-Fuel-No. 2	8W-30-5, 7, 25
Injector-Fuel-No. 3	8W-30-5, 7, 25
Injector-Fuel-No. 4	8W-30-5, 7, 26
Injector-Fuel-No. 5	8W-30-5, 7, 26
Injector-Fuel-No. 6	8W-30-5, 7, 26
Injector-Fuel-No. 7	8W-30-4, 7
Injector-Fuel-No. 8	8W-30-4, 7
Injector-Fuel-No. 9	8W-30-7
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Module-Fuel Pump	8W-30-3, 24
Module-Powertrain Control	8W-30-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
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Pump-Fuel Injection	8W-30-24
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Sensor-Accelerator Pedal Position	8W-30-22, 30
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Sensor-Camshaft Position	8W-30-13, 29
Sensor-Crankshaft Position	8W-30-13, 29
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Sensor-Knock No. 1	8W-30-14
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Sensor-Oxygen-Left Front	8W-30-16, 18
Sensor-Oxygen-Left Rear	8W-30-15, 17
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Sensor-Oxygen-Right Rear	8W-30-15, 17
Sensor-Temperature/Pressure Intake	8W-30-27
Sensor-Temperature/Pressure-MAP	8W-30-29
Sensor-Throttle Position	8W-30-9
Sensor-Water In Fuel	8W-30-24
Servo-Speed Control	8W-30-11
Solenoid-EVAP/Purge	8W-30-3
Solenoid-Multiple Displacement No. 1	8W-30-6
Solenoid-Multiple Displacement No. 4	8W-30-6
Solenoid-Multiple Displacement No. 6	8W-30-6
Solenoid-Multiple Displacement No. 7	8W-30-6
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Switch-Tow/Haul Overdrive	8W-30-10
Throttle Body	8W-30-9
Transducer-A/C Pressure	8W-30-19, 20

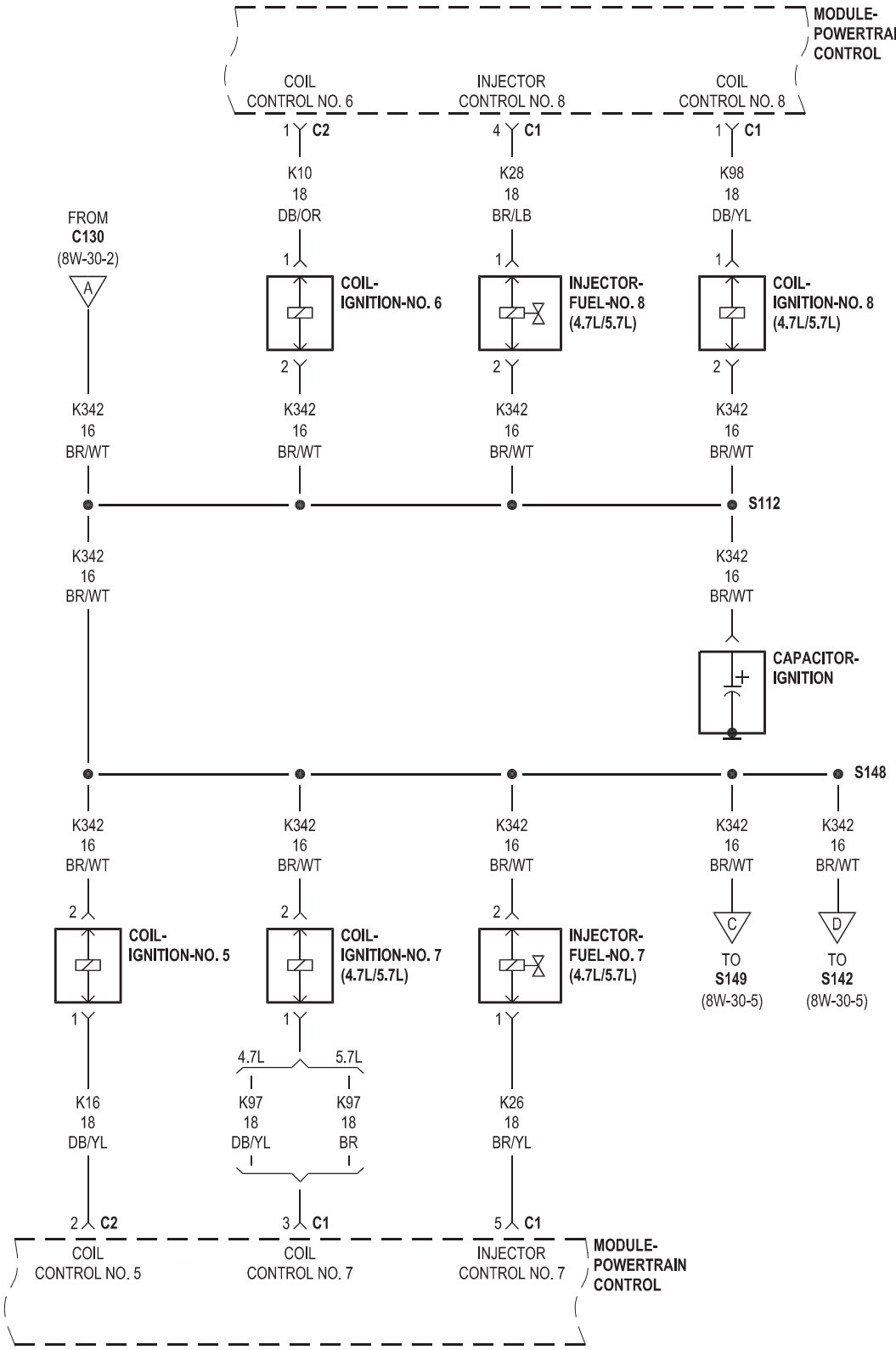
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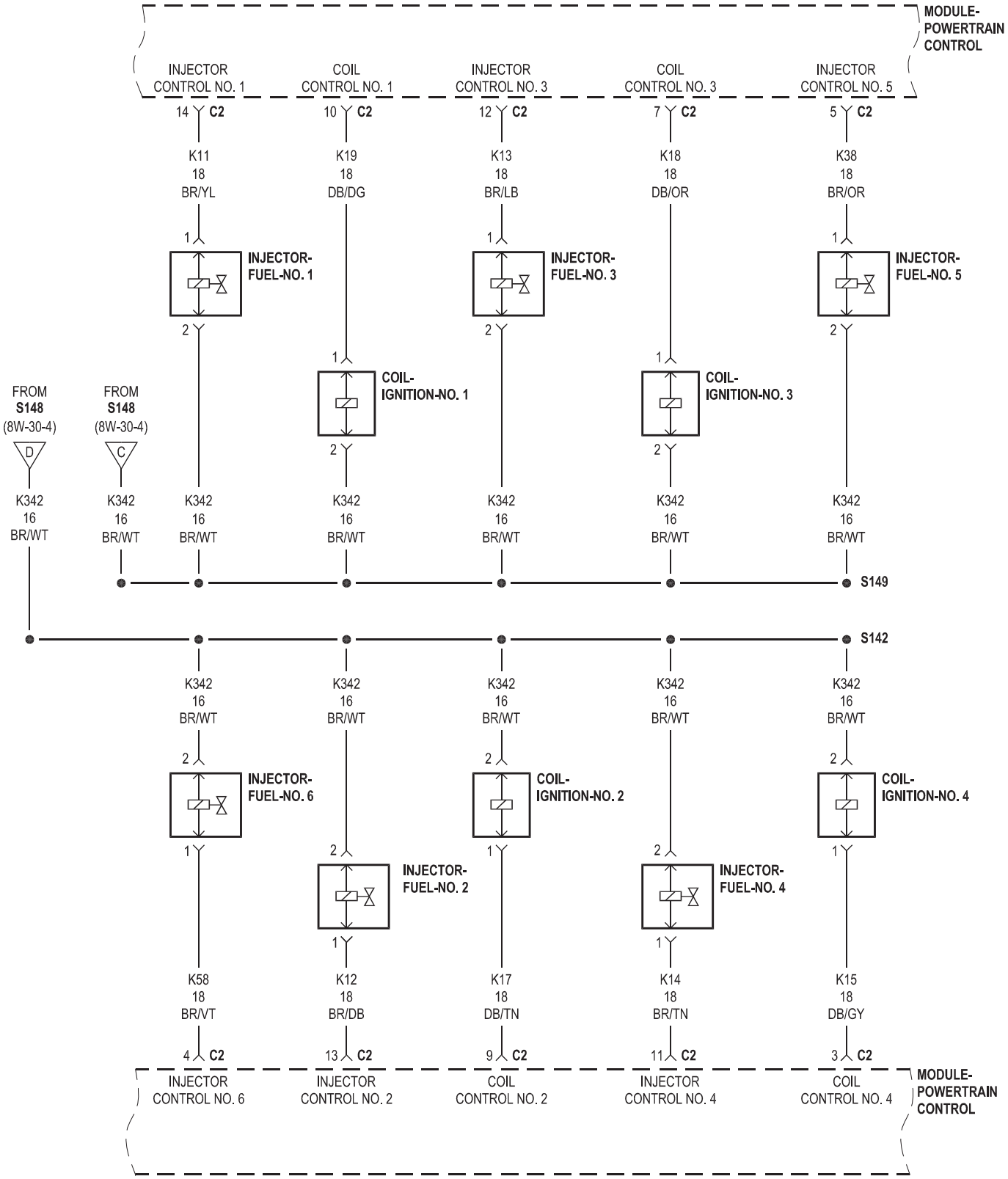
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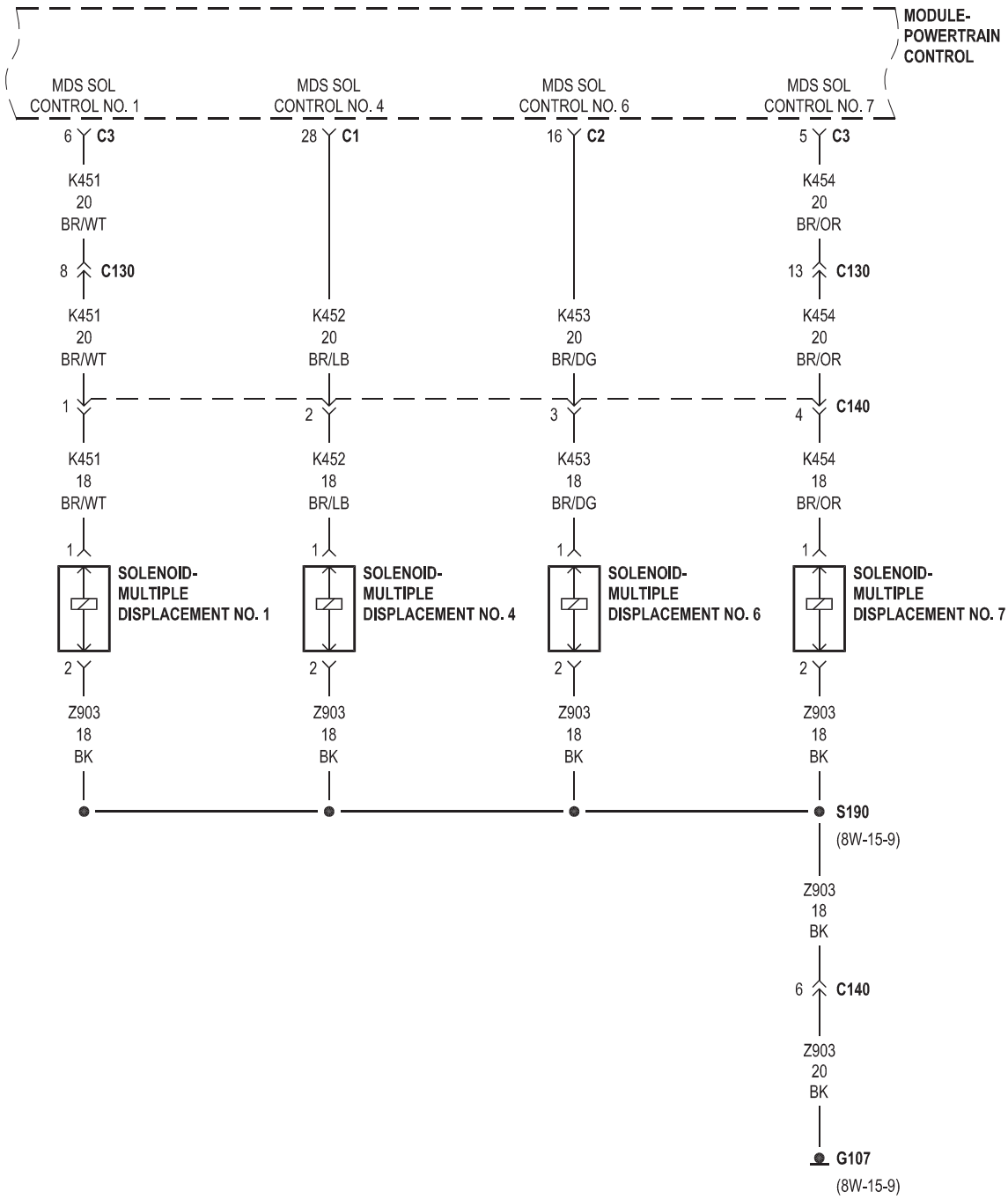
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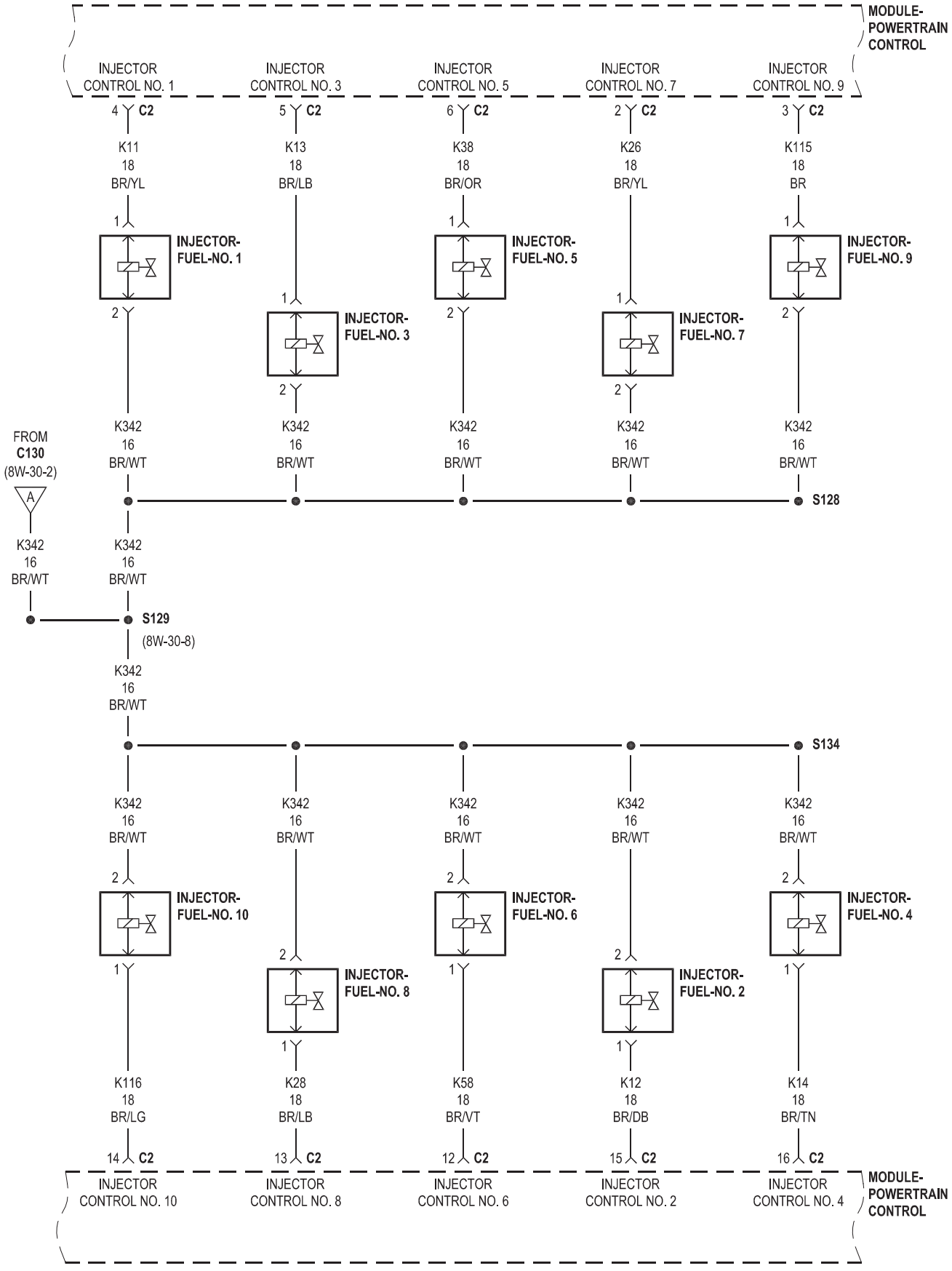
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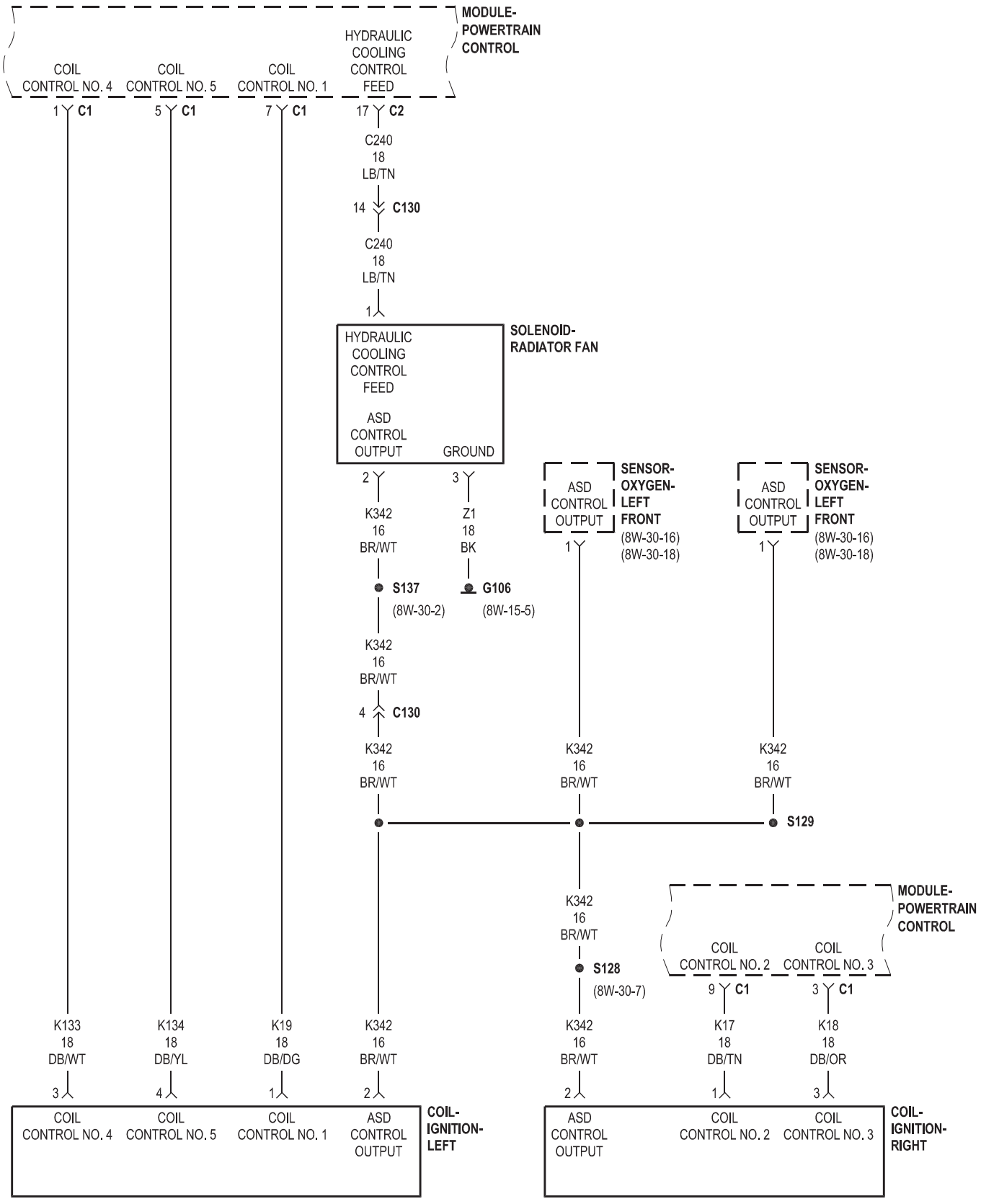
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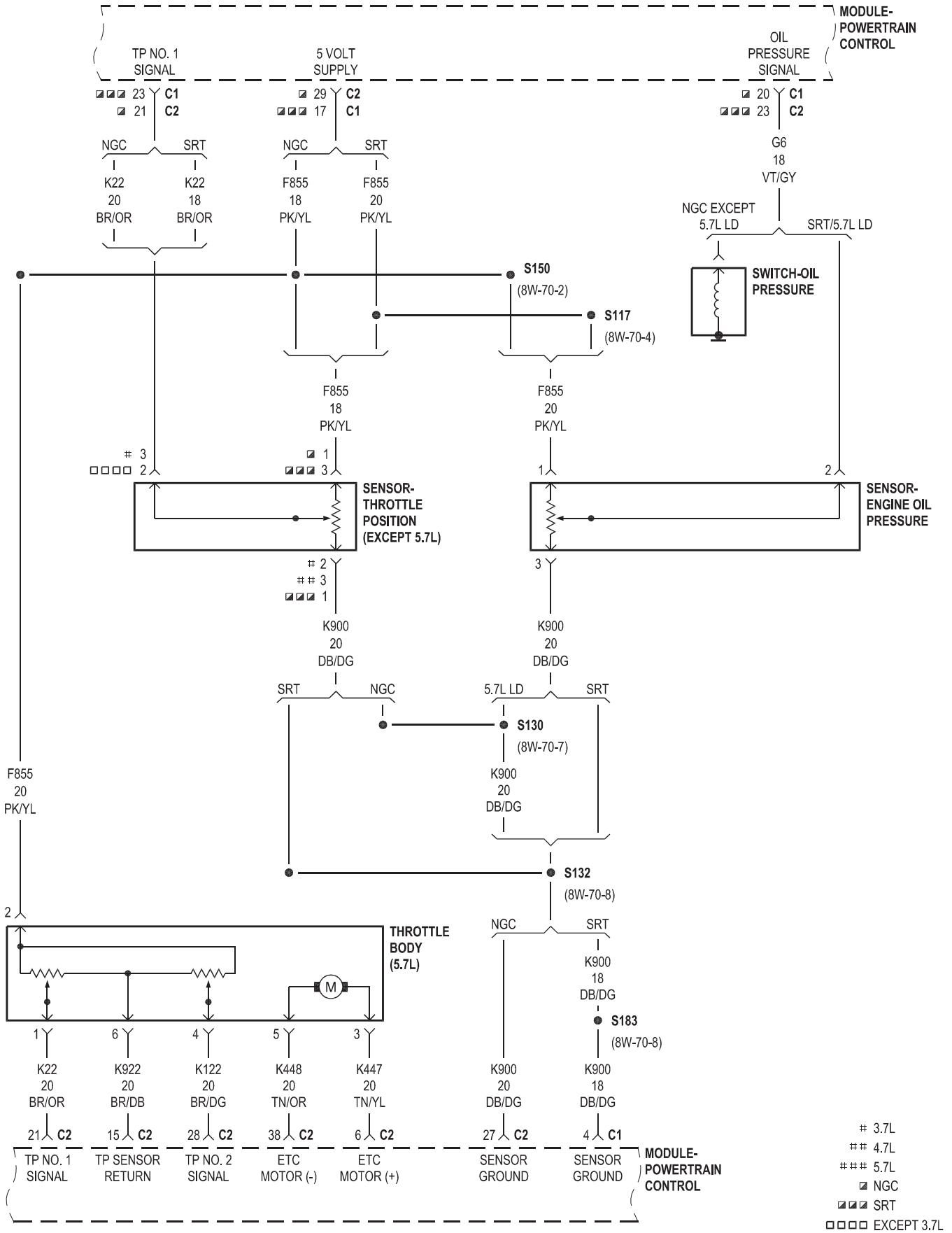
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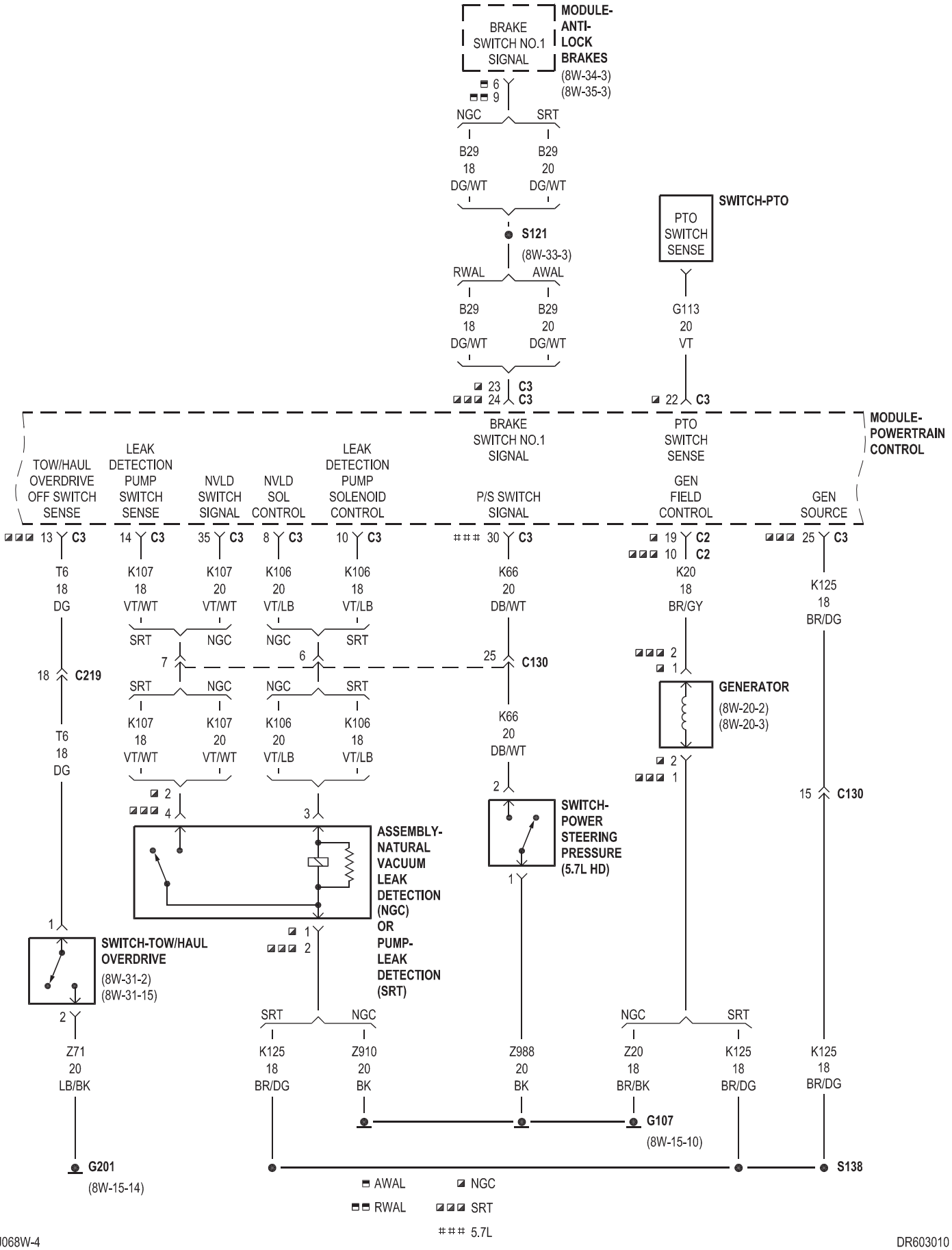
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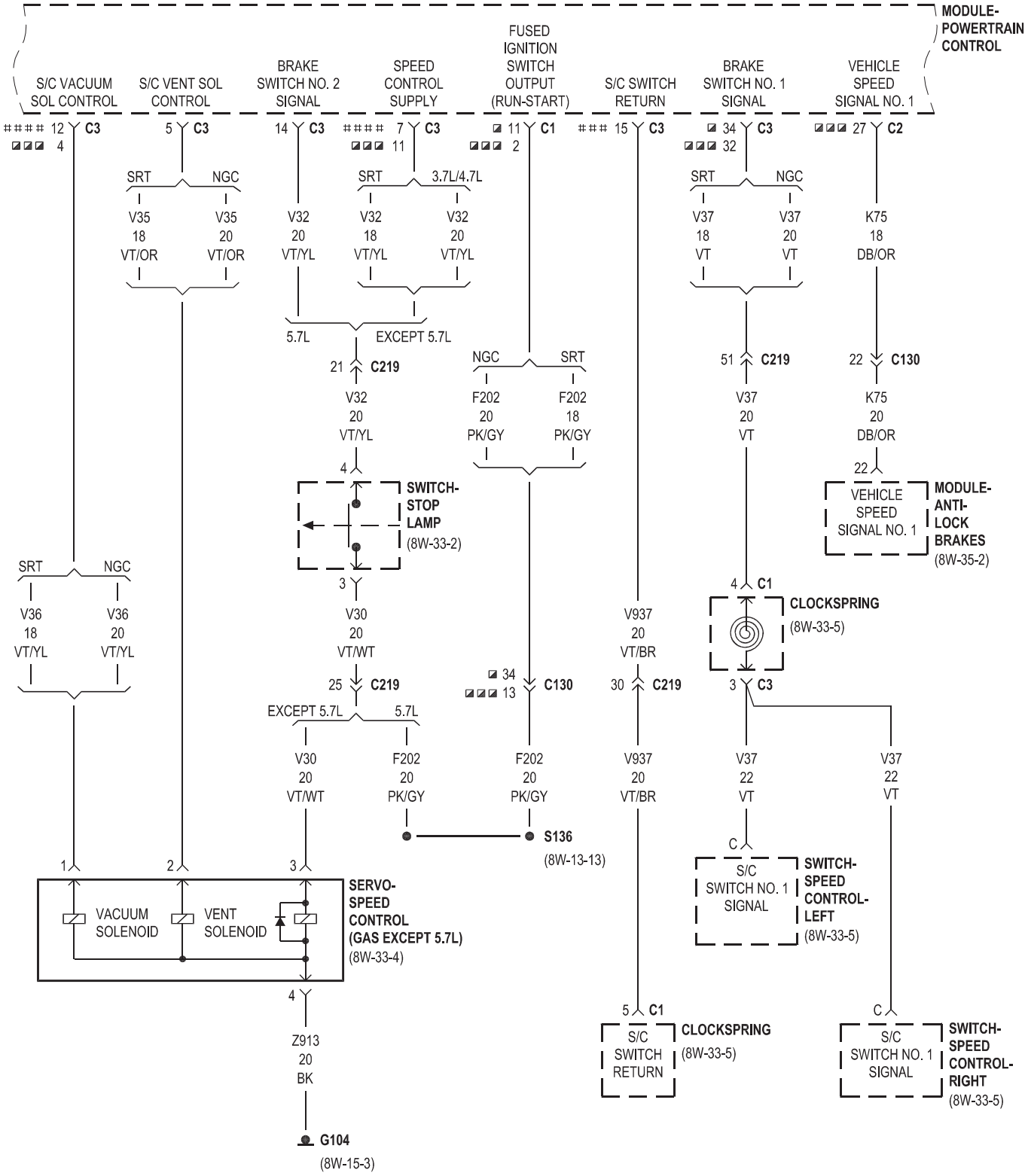
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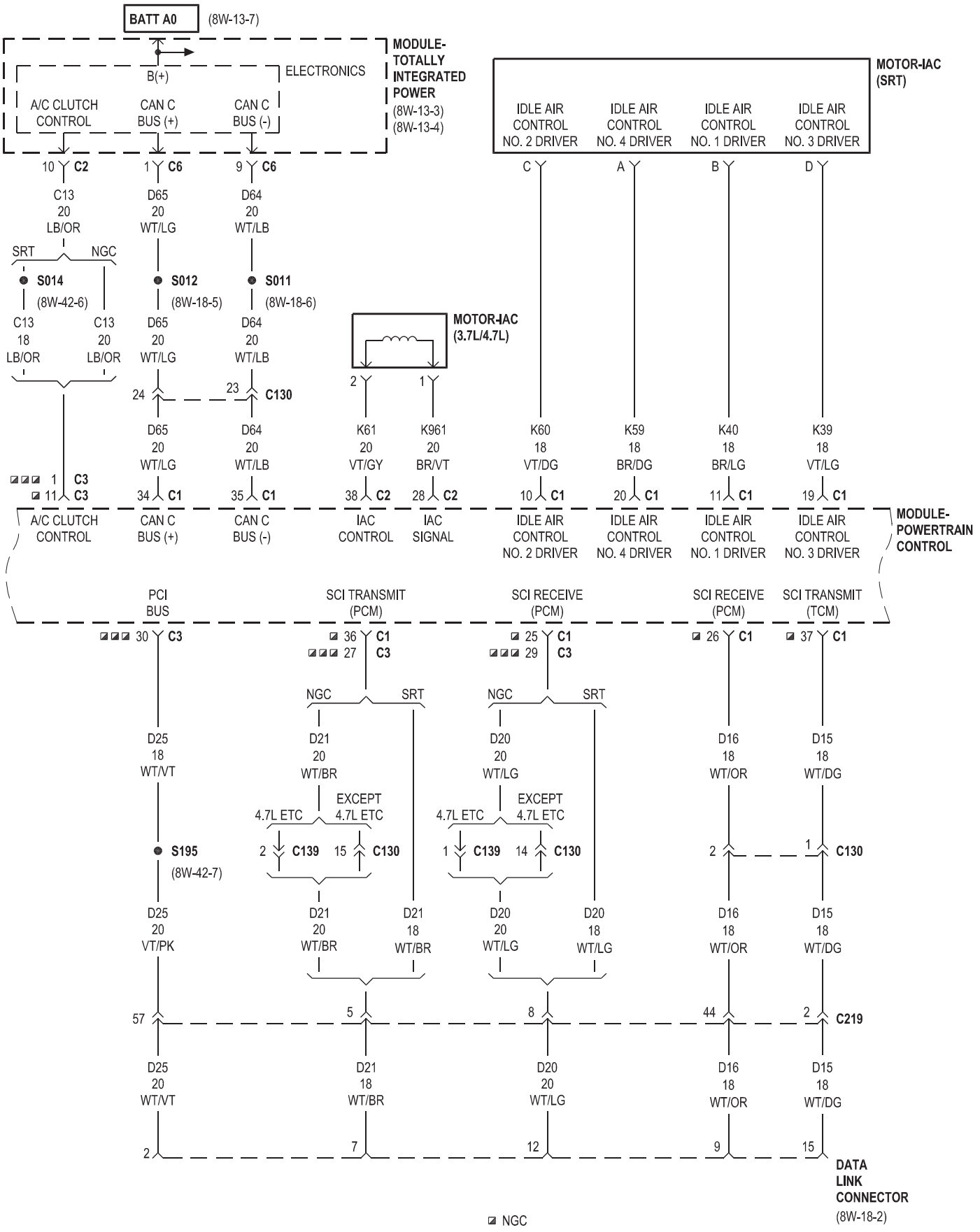


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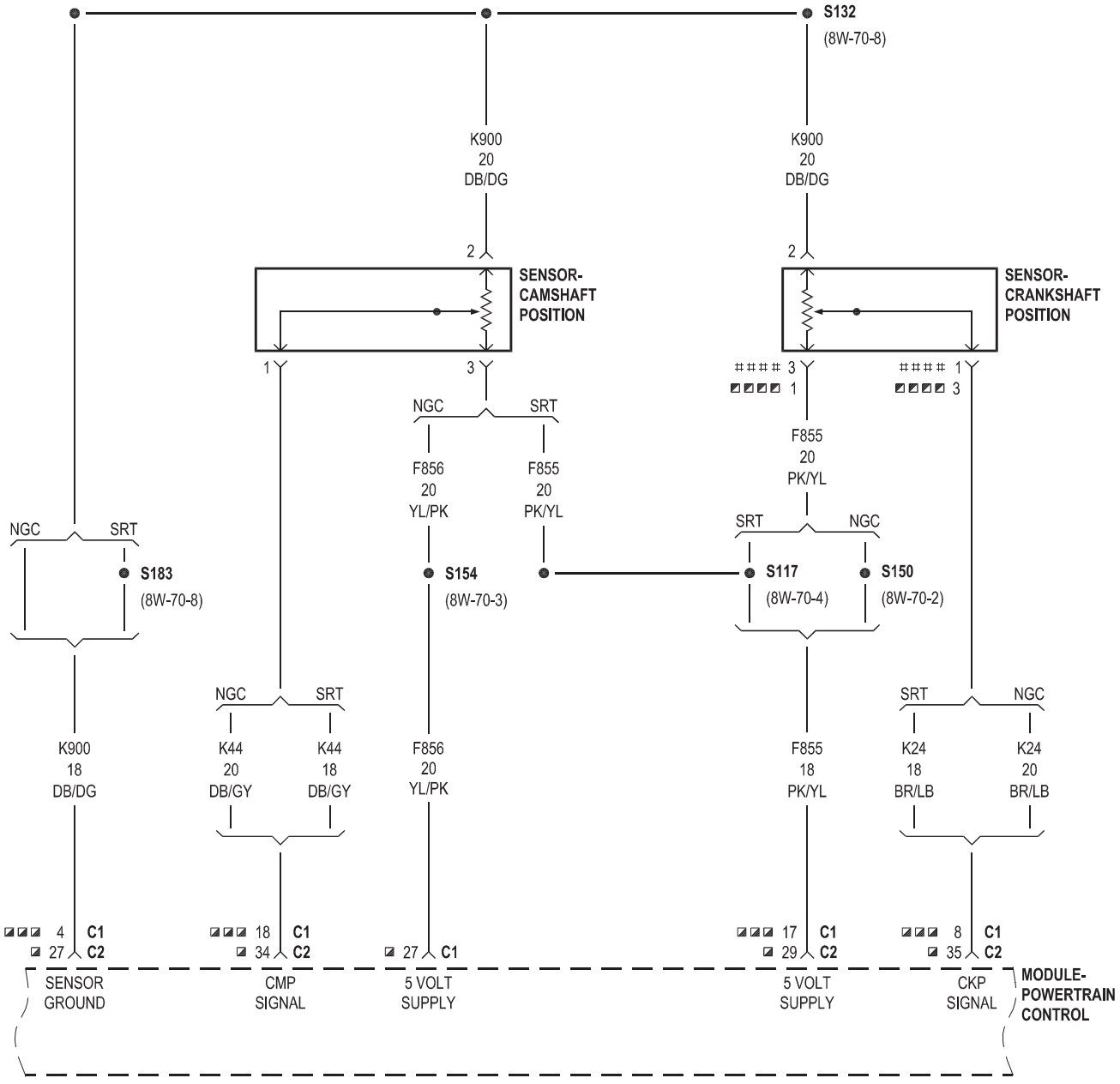


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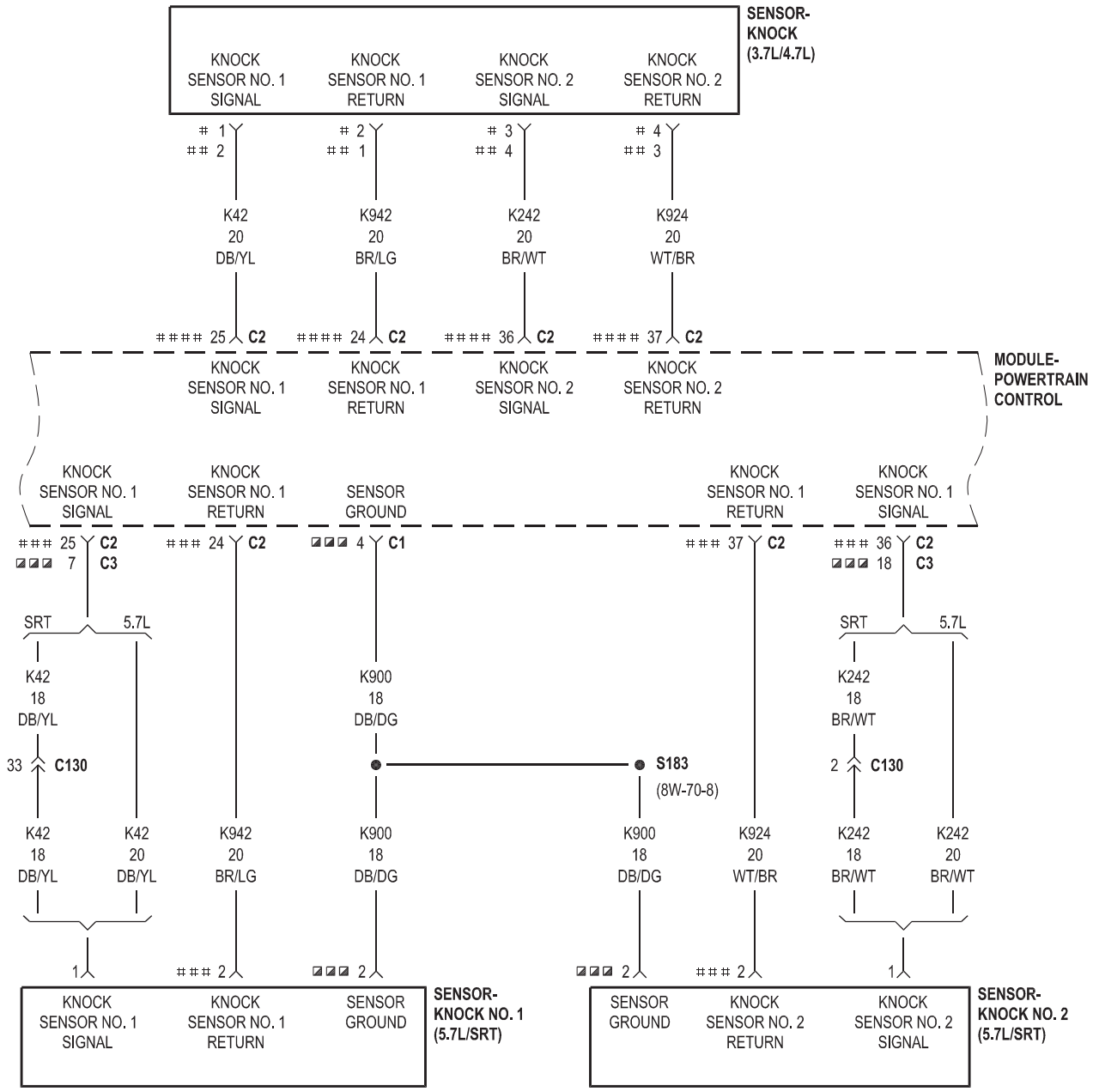


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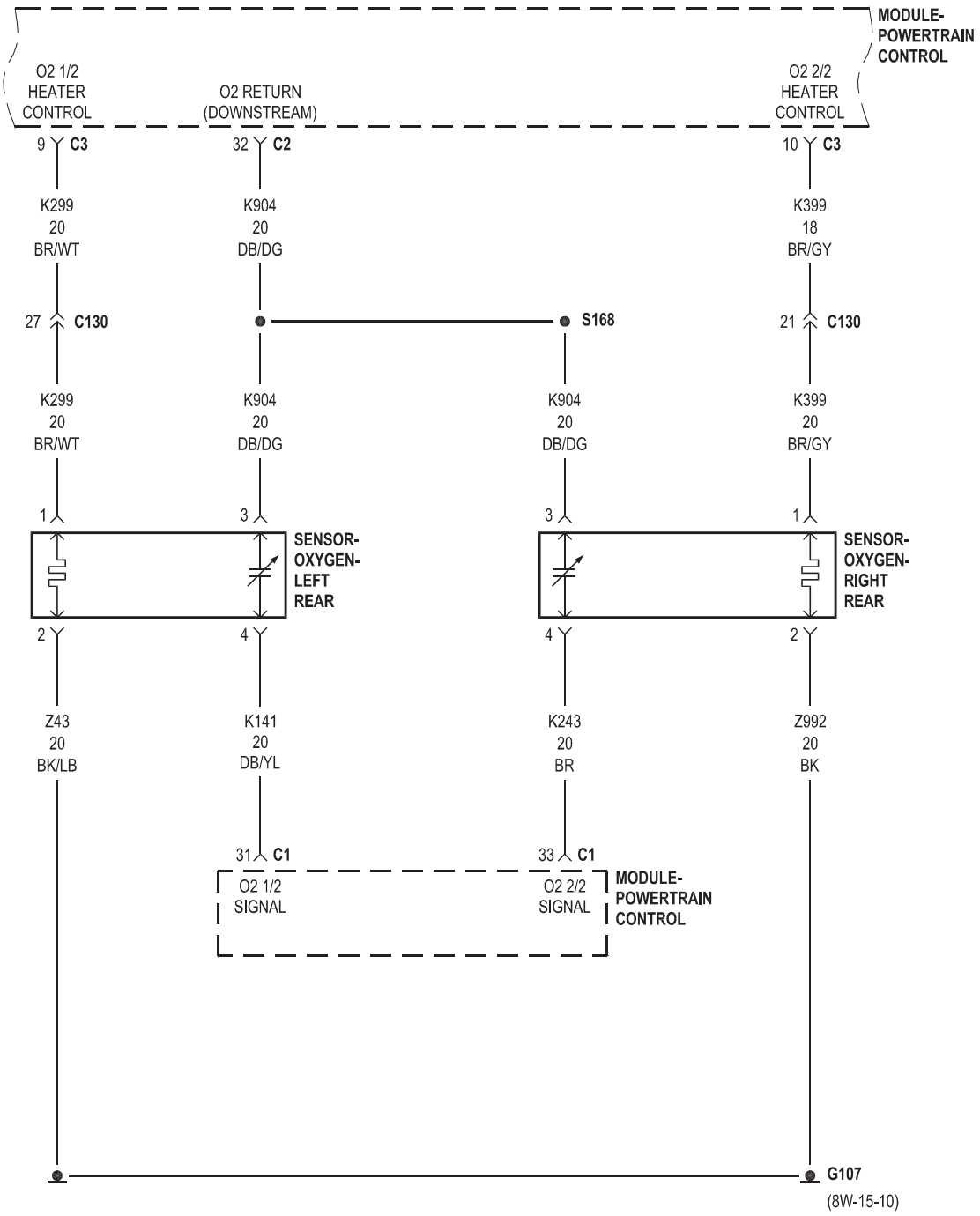
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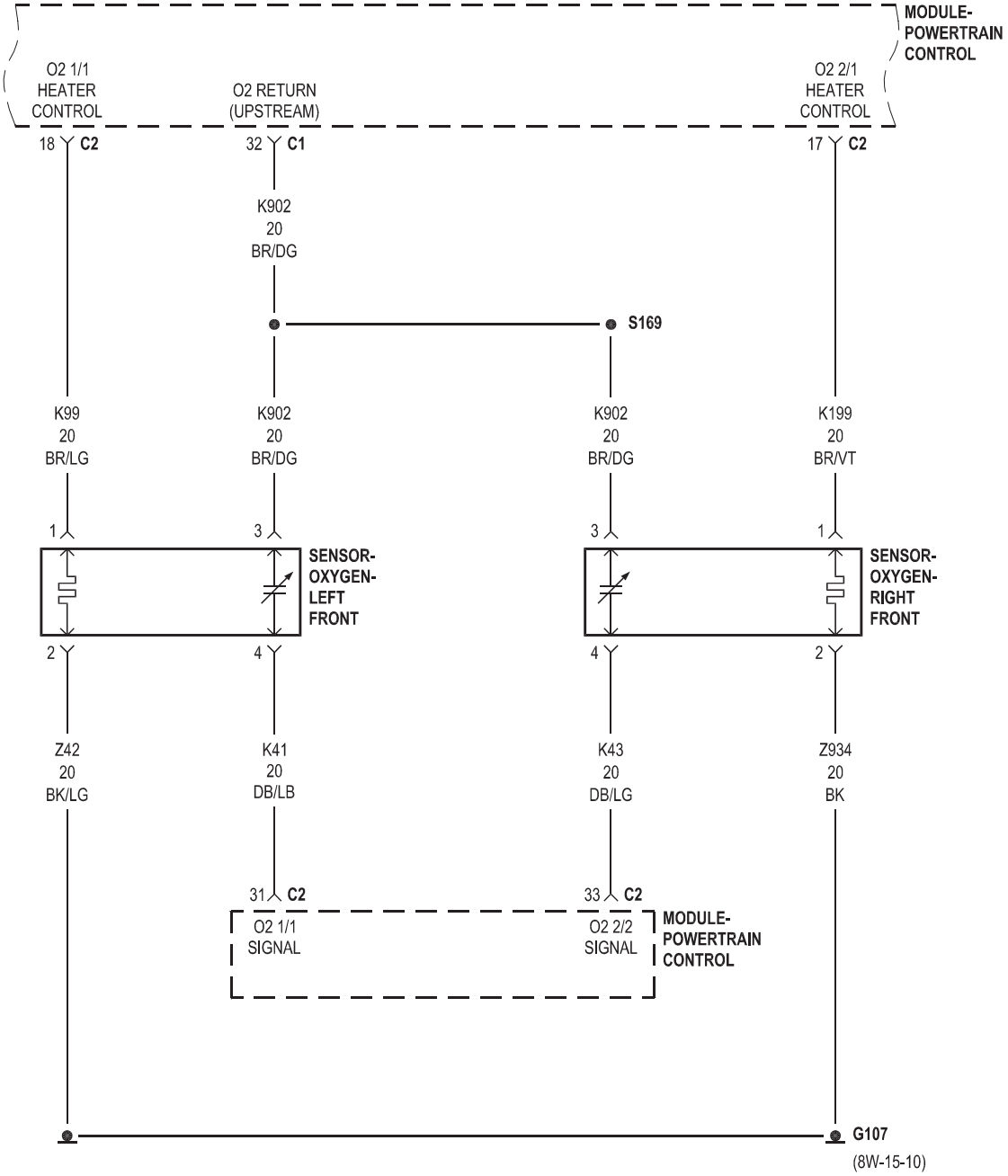


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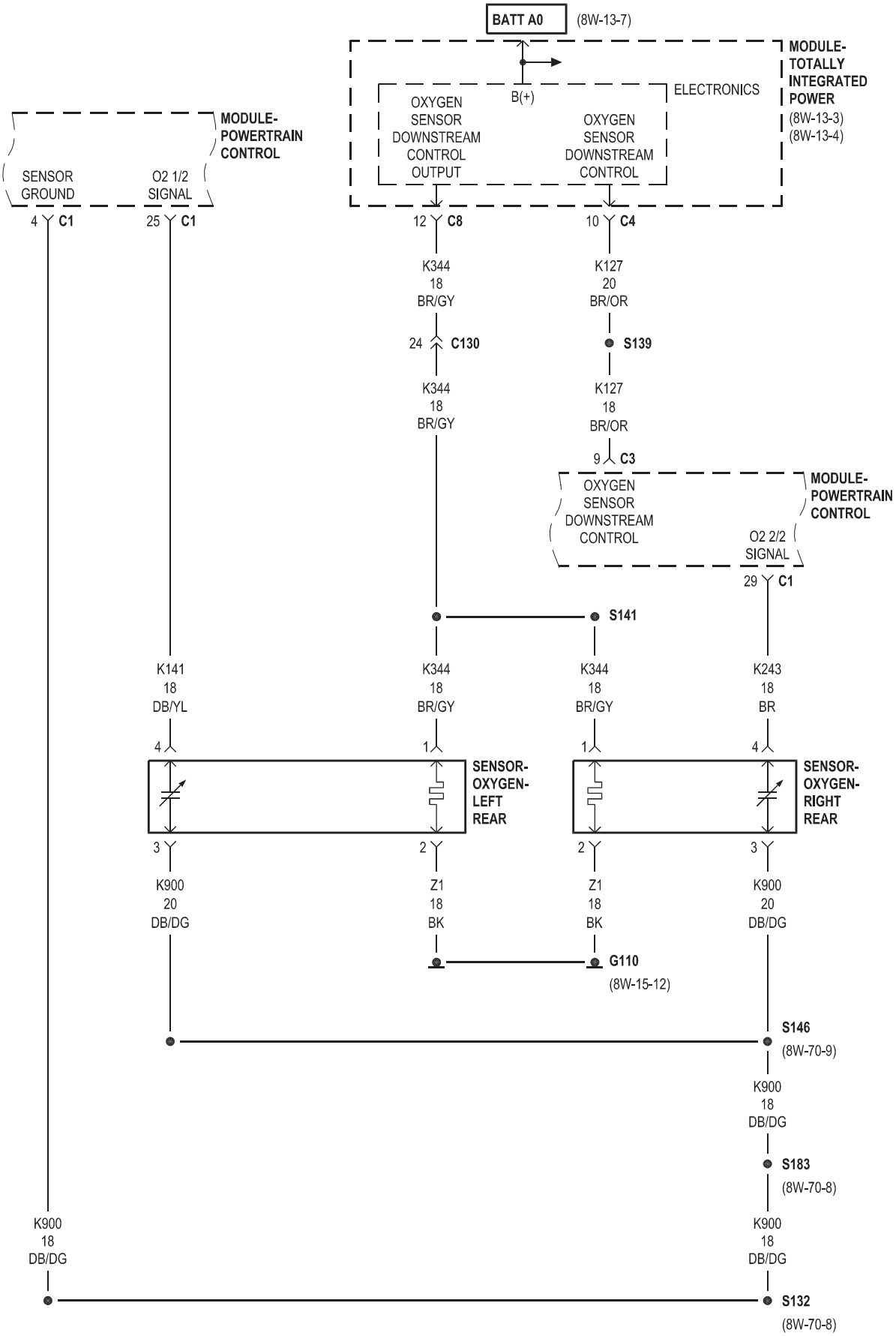
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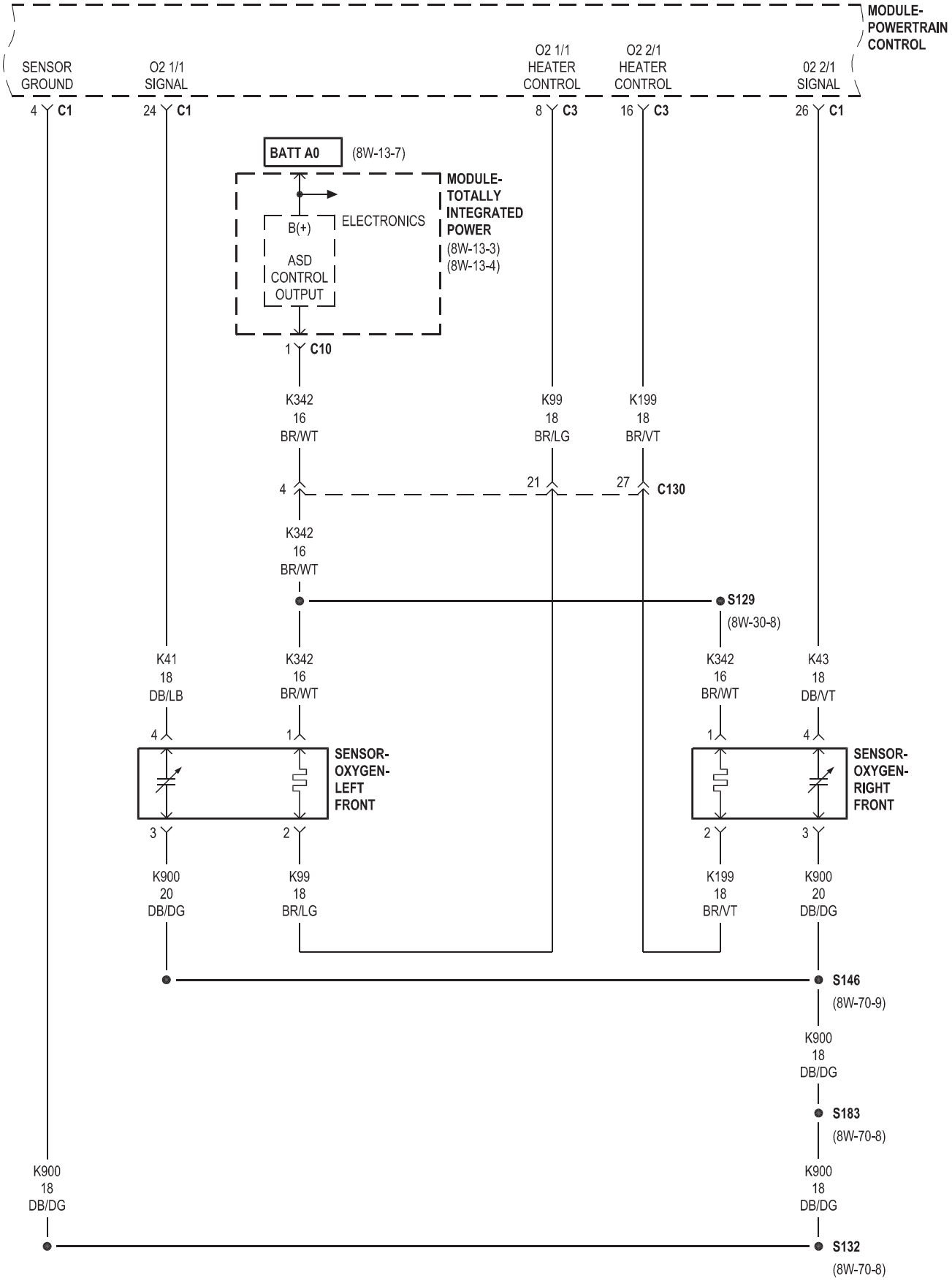
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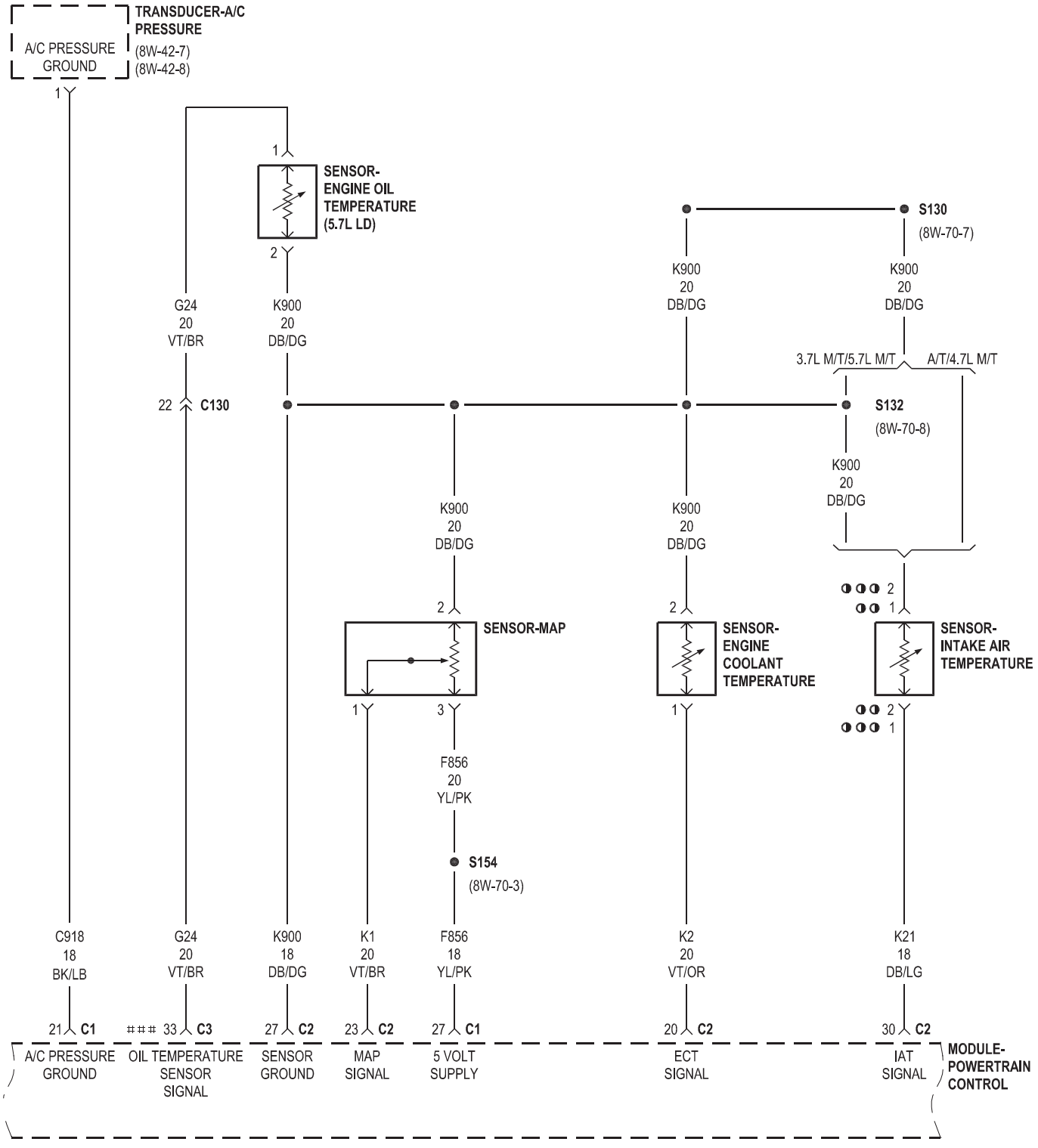
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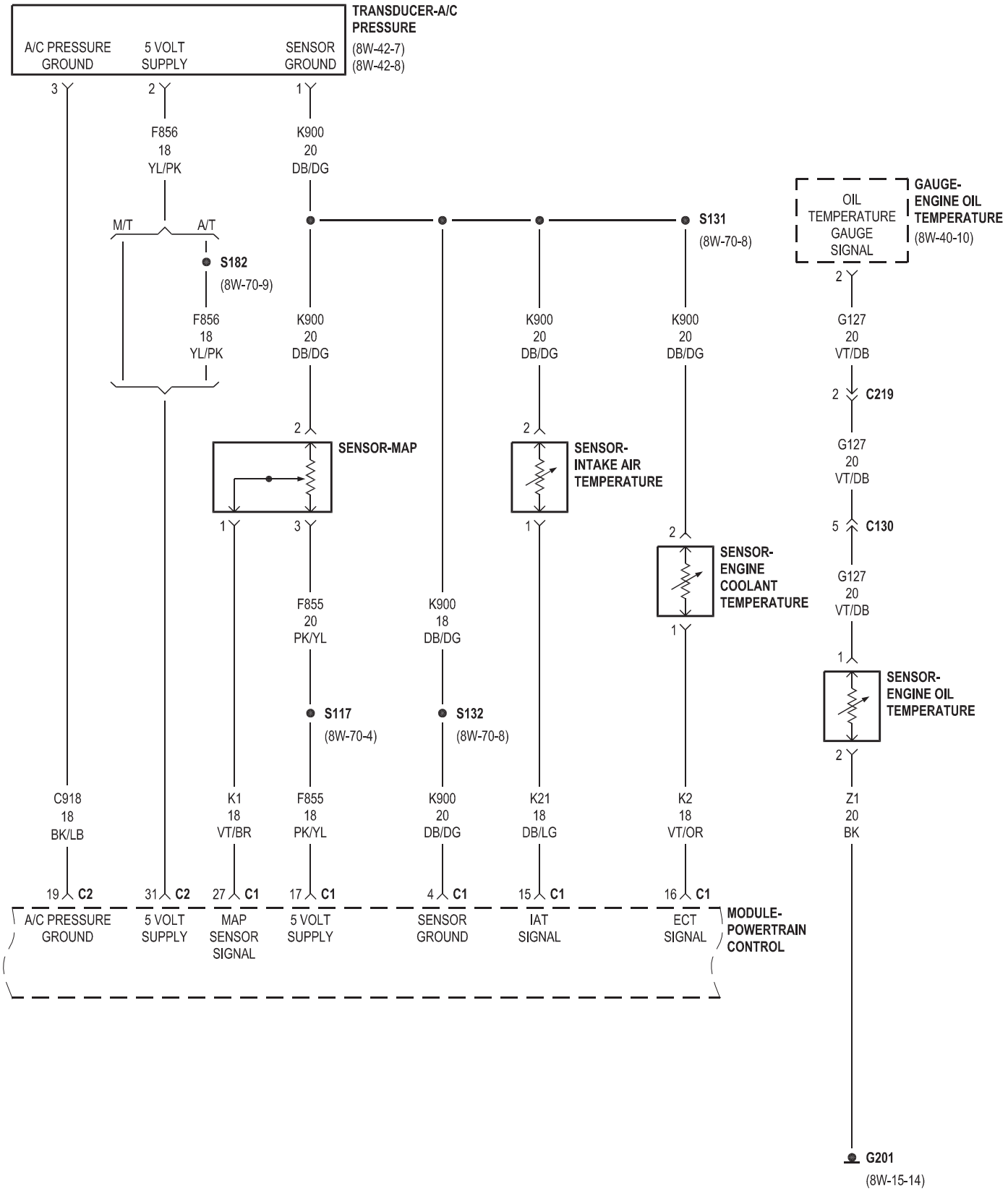


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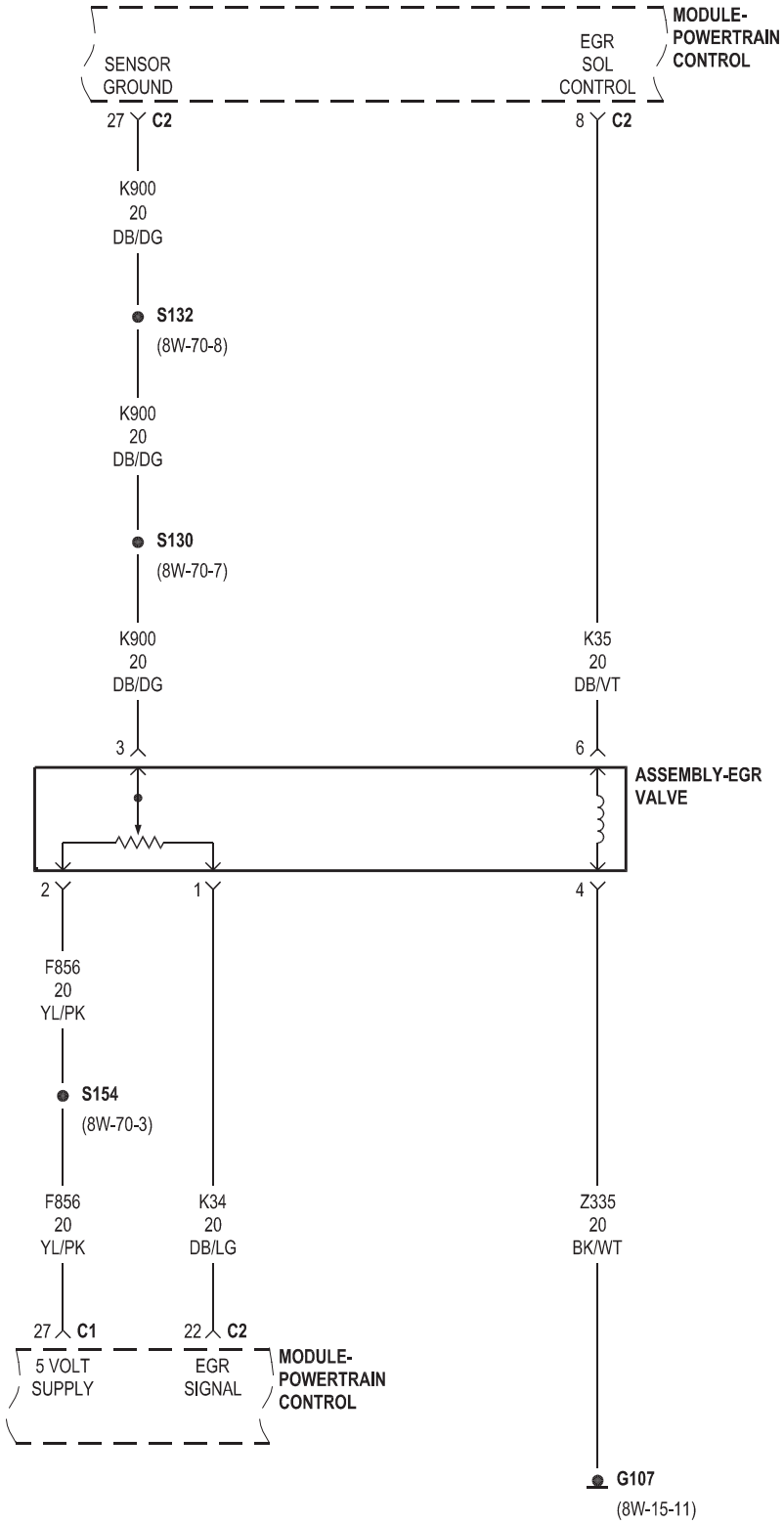


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5.7L

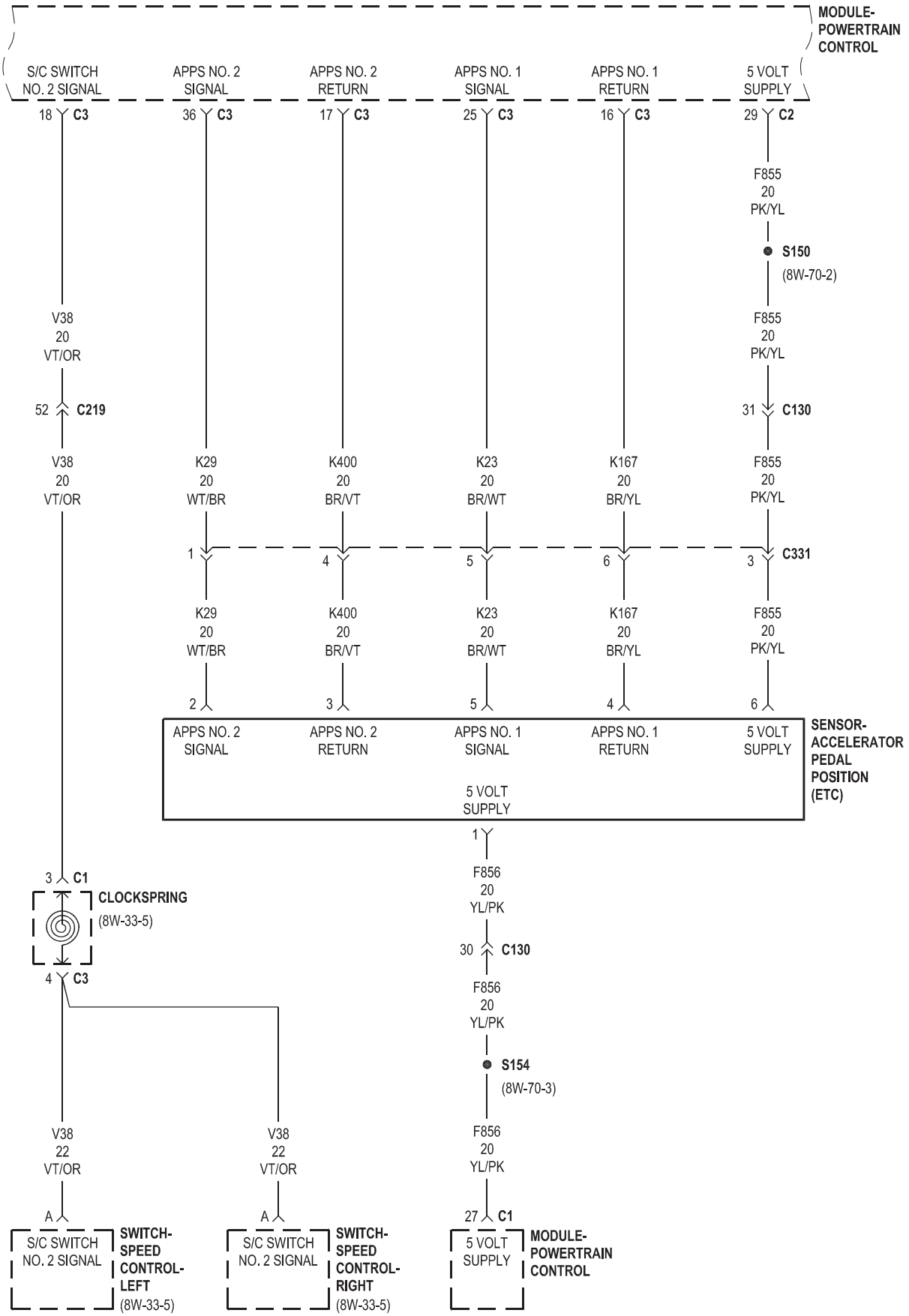
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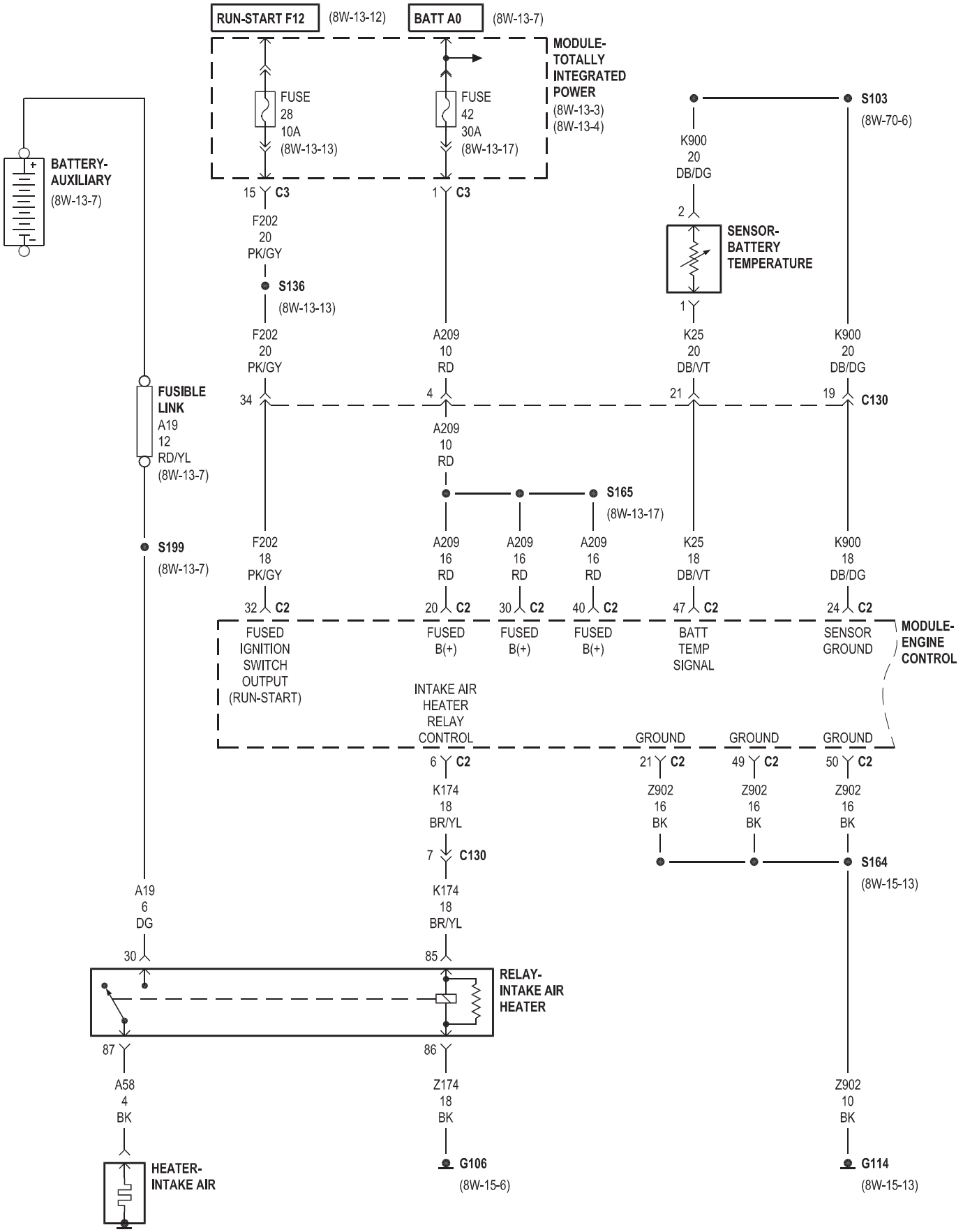
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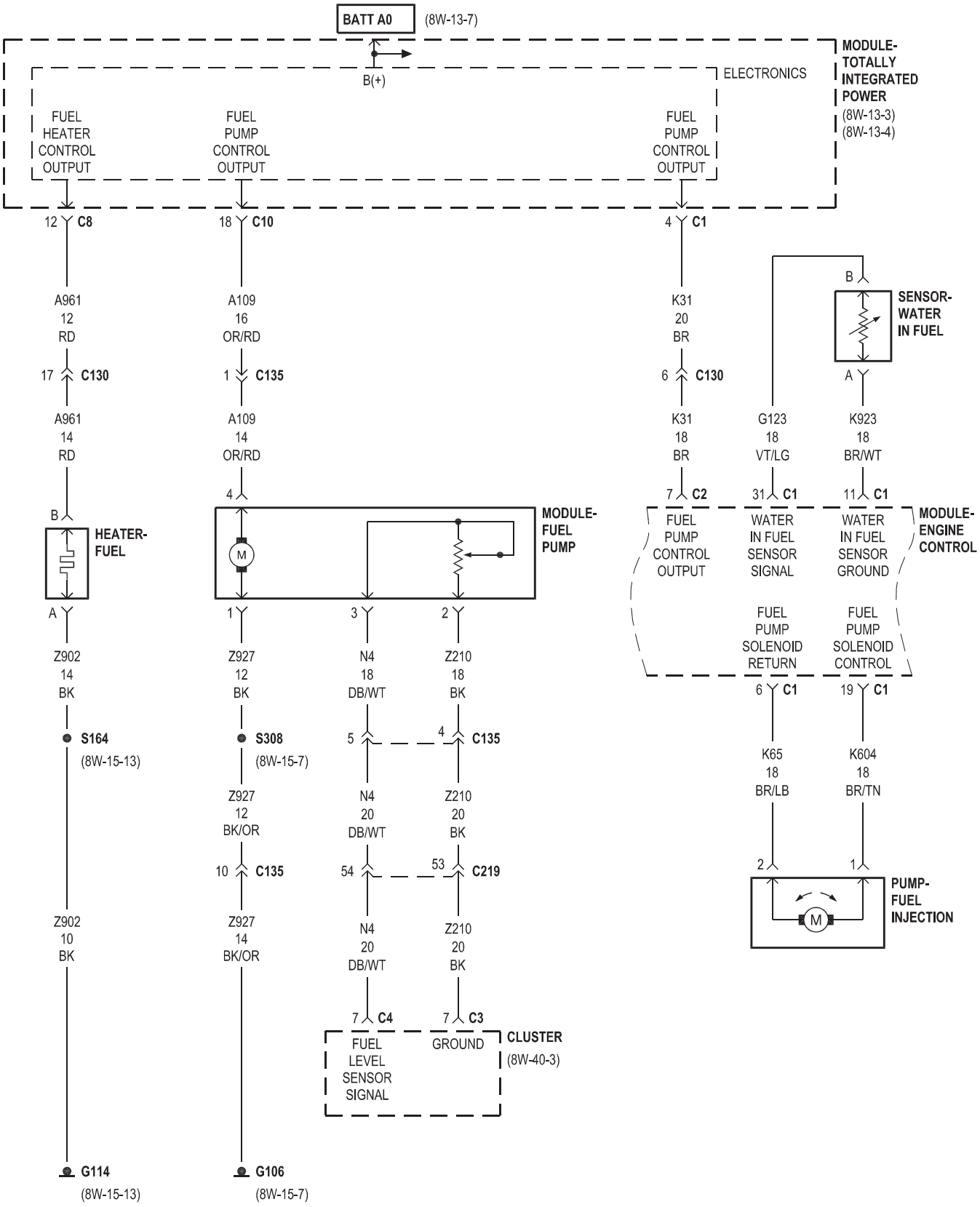
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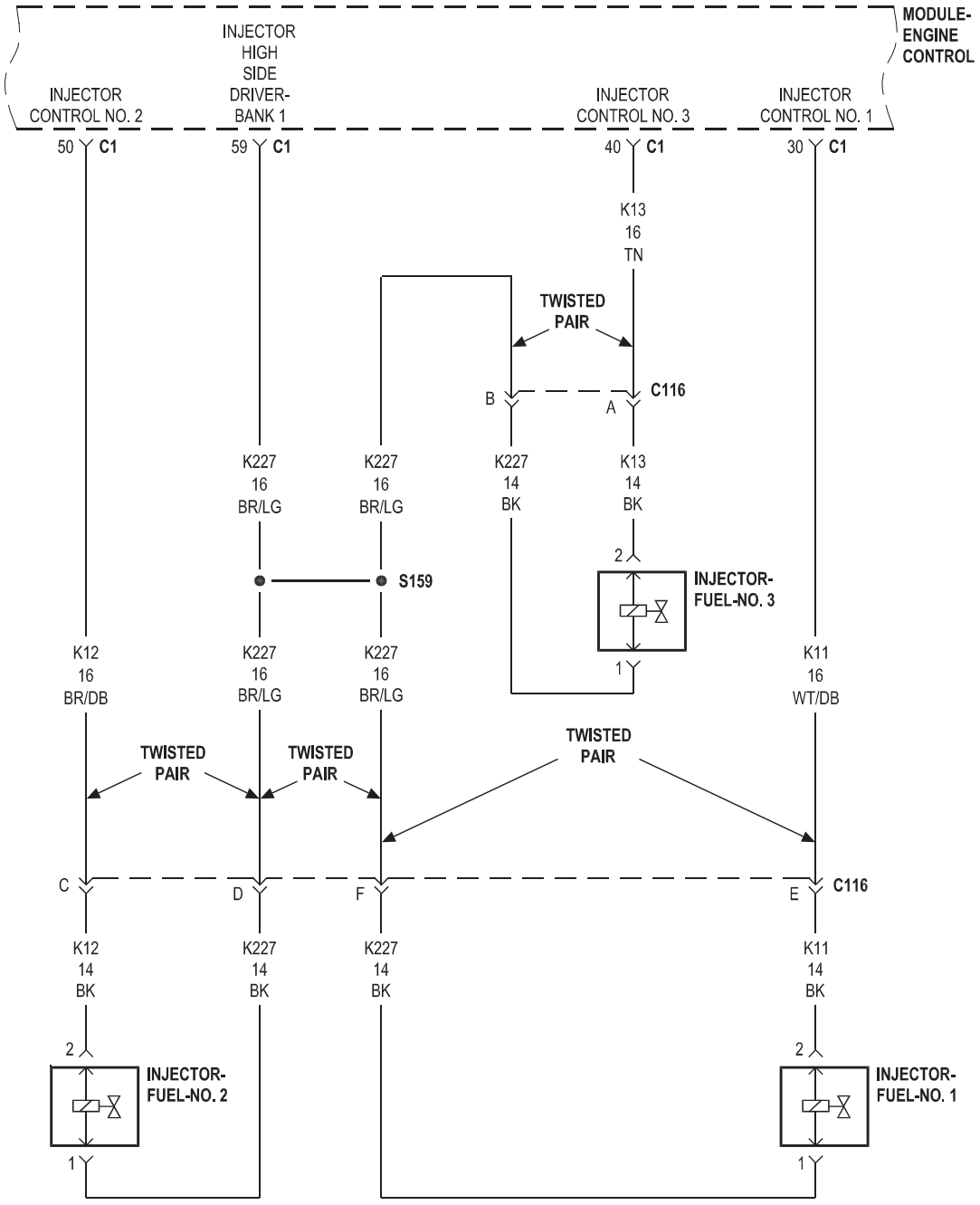
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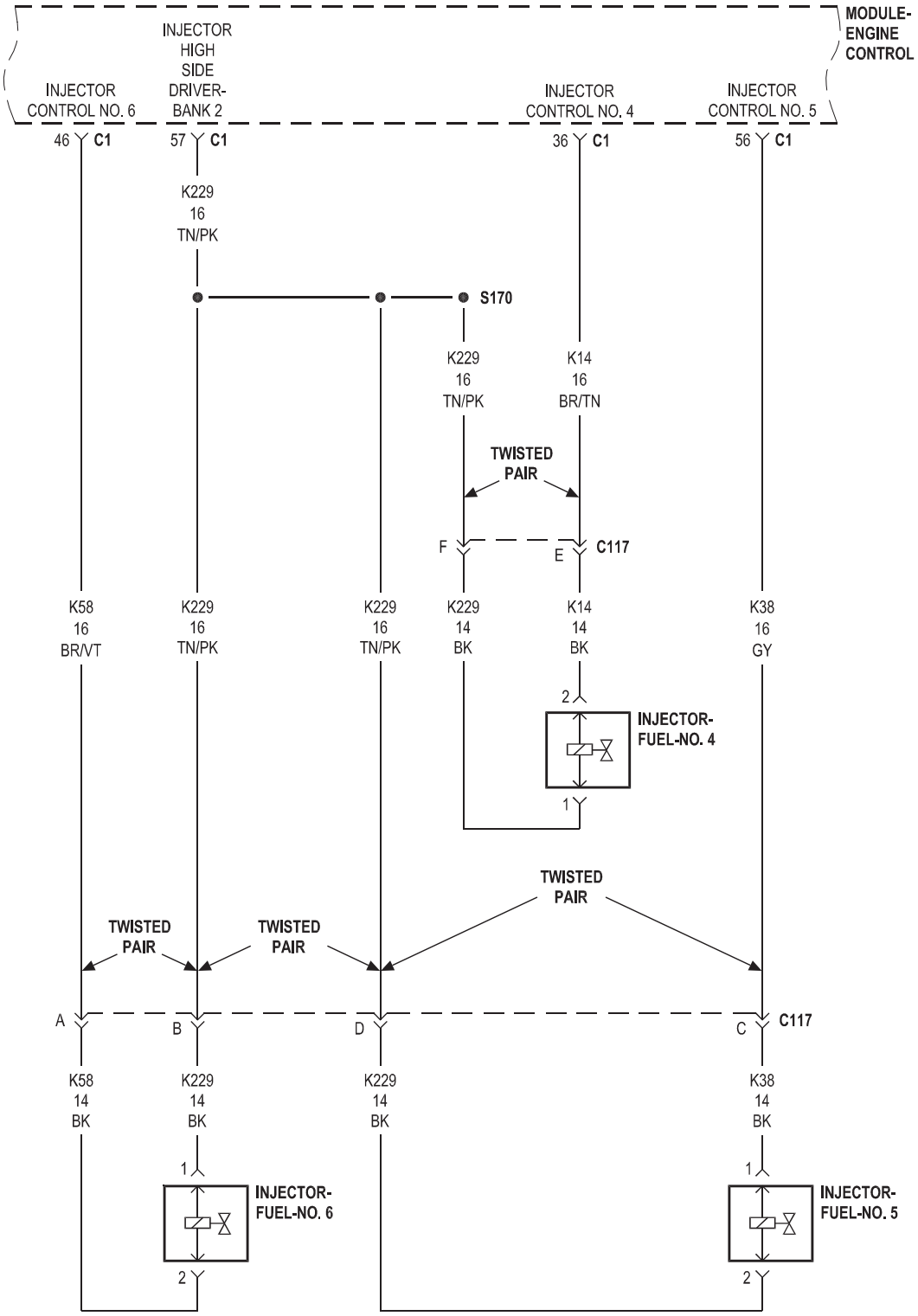
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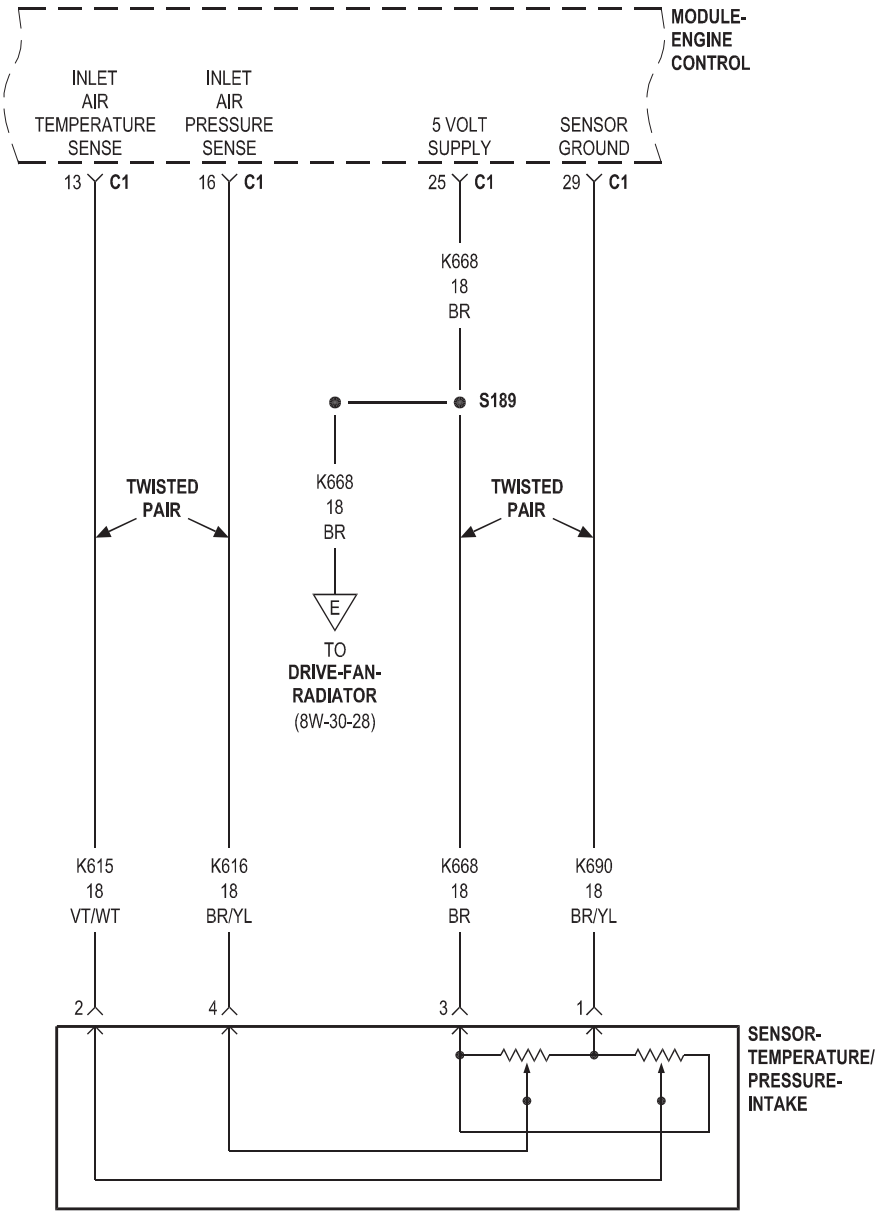
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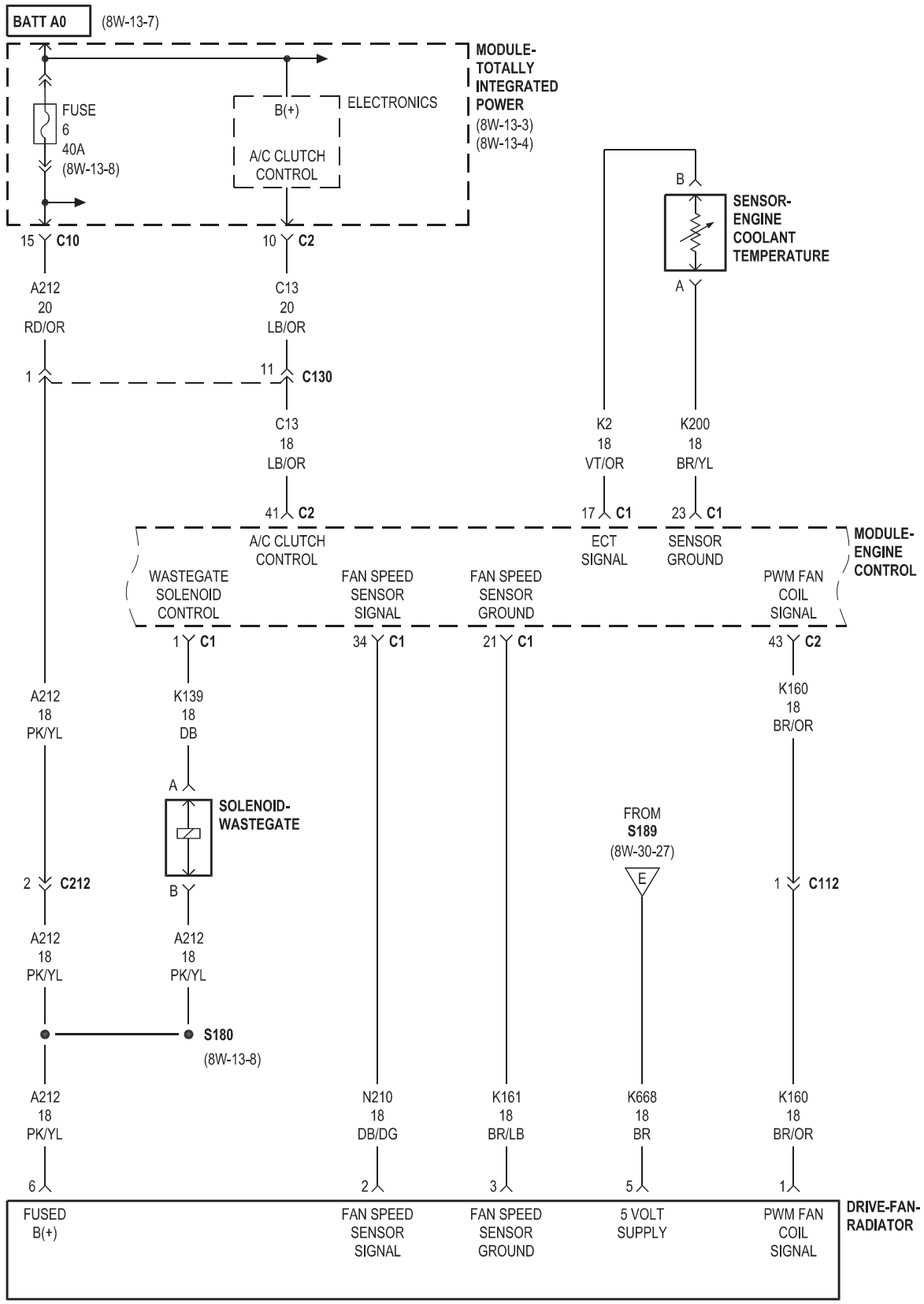
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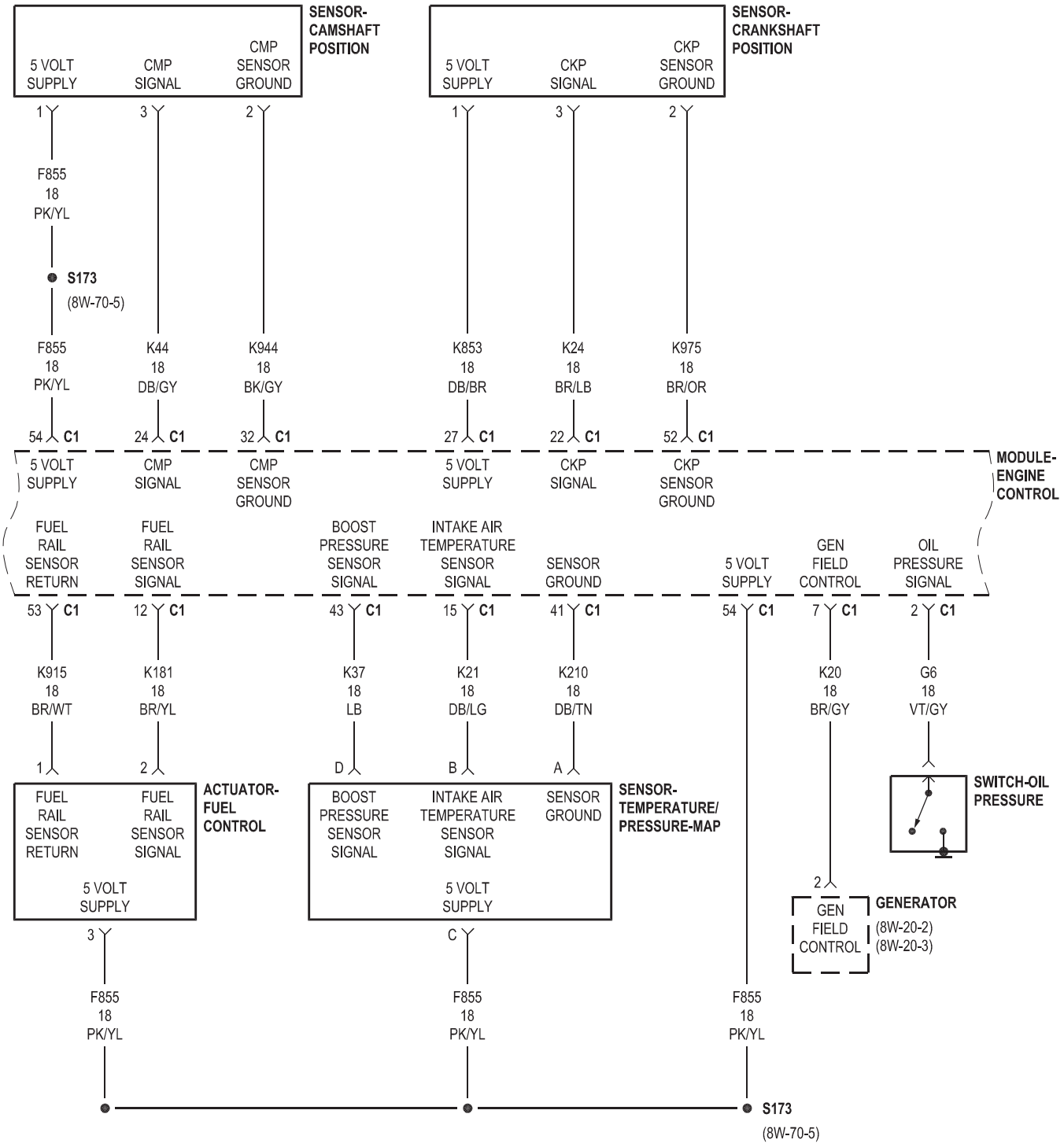
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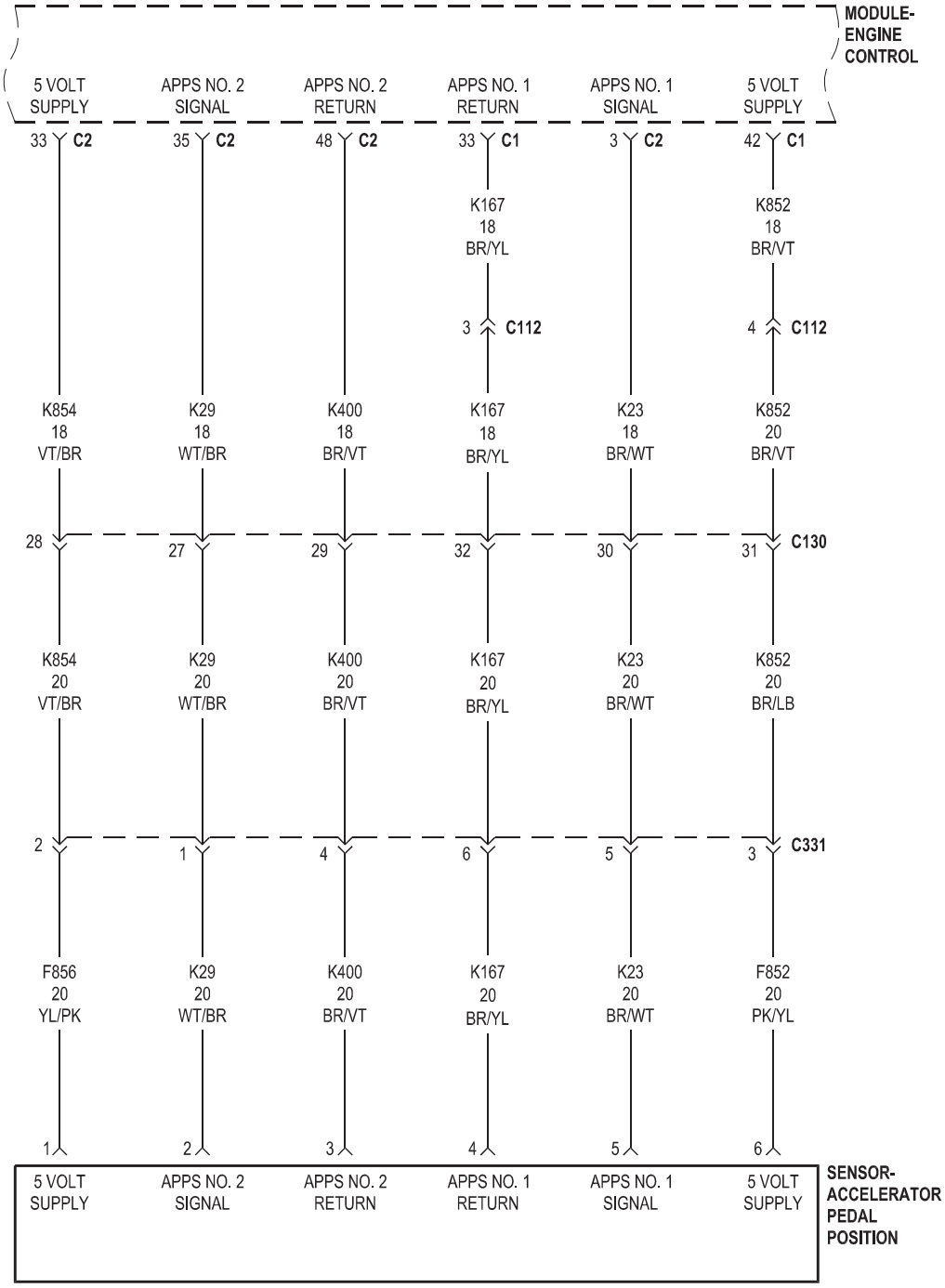
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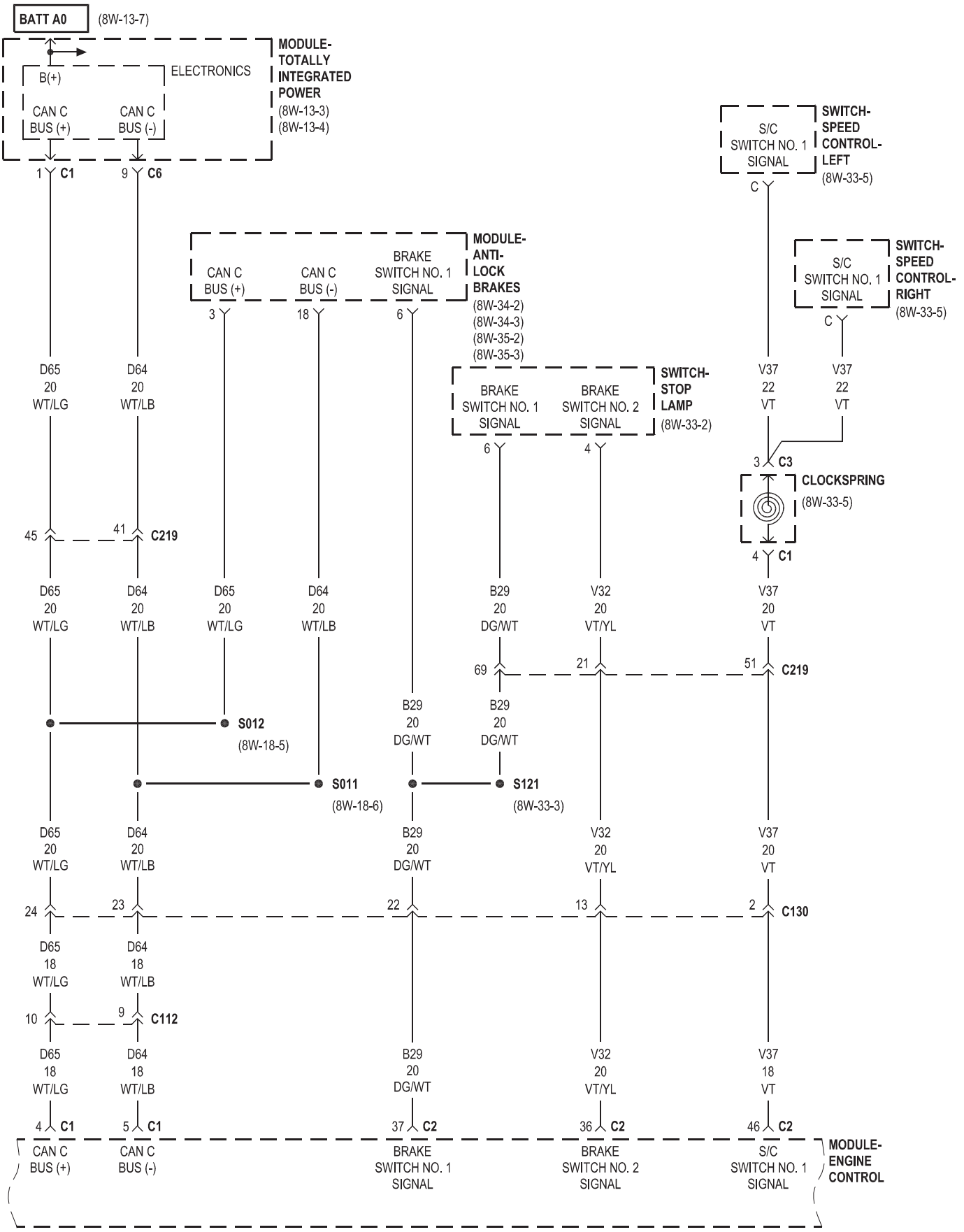
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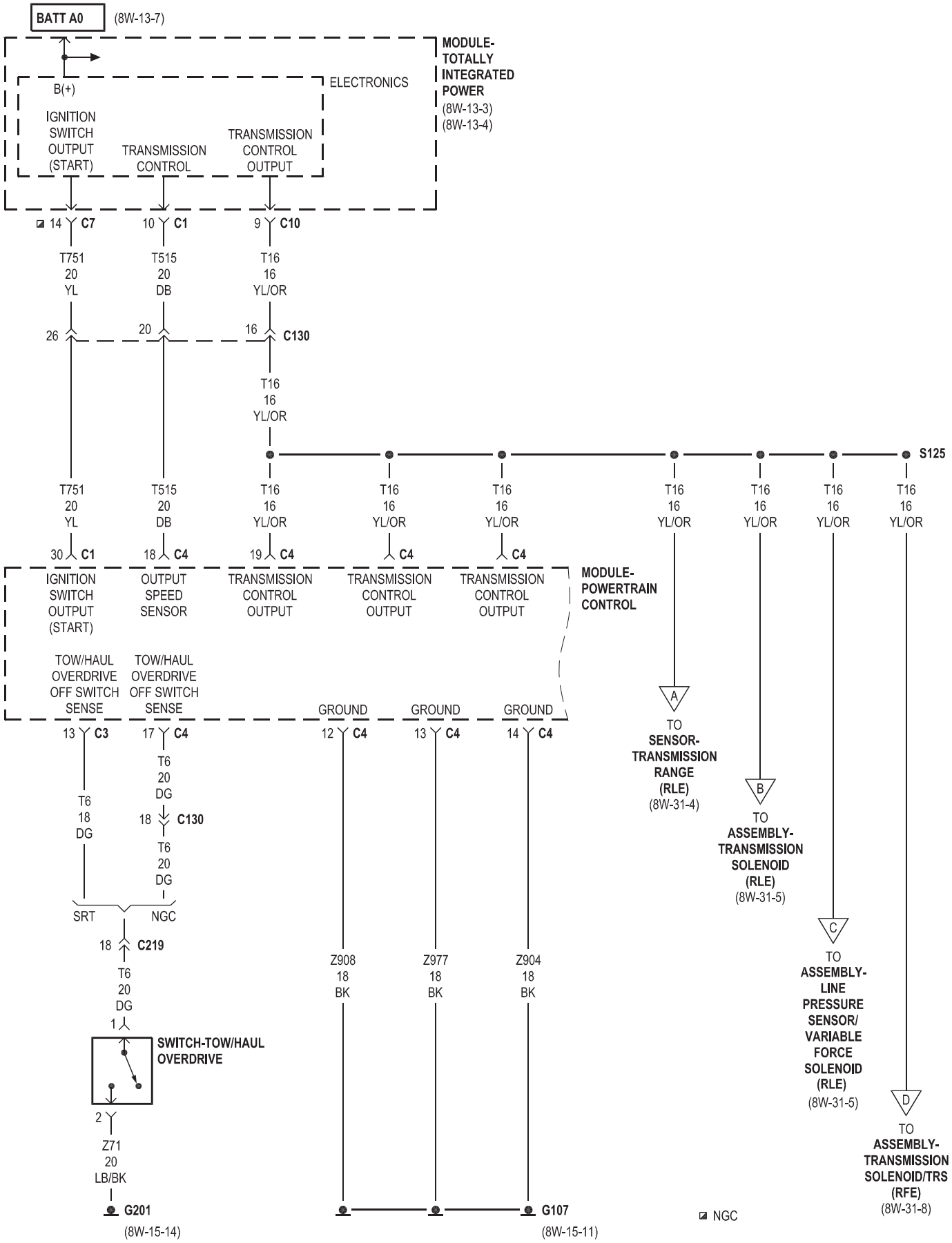
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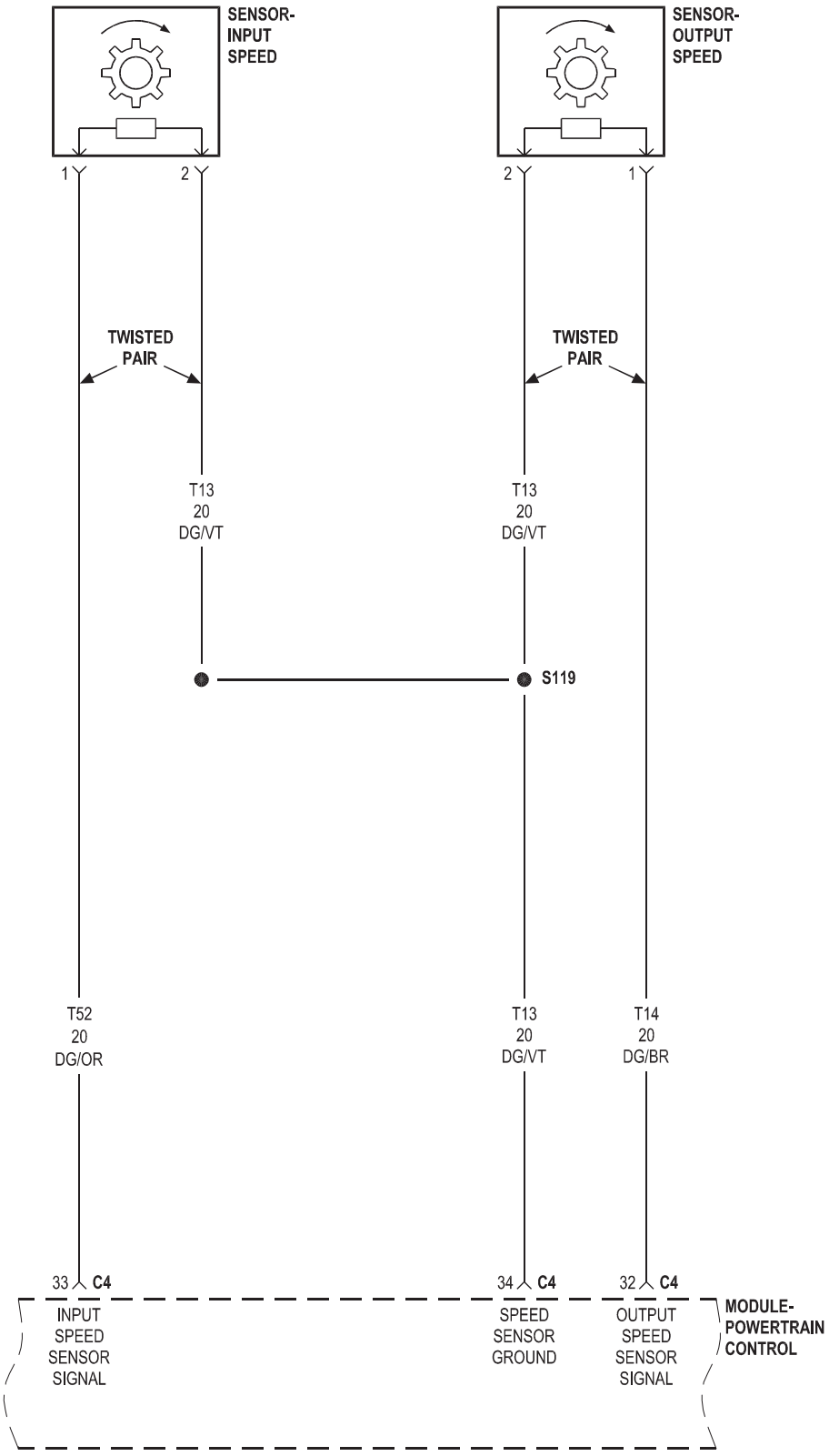
8W-31 TRANSMISSION CONTROL SYSTEM

Component	Page
Assembly-Shift Motor/Mode Sensor	8W-31-17, 18
Assembly-Transmission Solenoid	8W-31-2, 5, 12, 14, 15
Assembly-Transmission Solenoid/TRS	8W-31-2, 6, 7, 8
Assembly-Transmission Throttle Valve	8W-31-14, 15
Clockspring	8W-31-15
Cluster	8W-31-9, 13, 16, 20
Electronics	8W-31-2, 9, 12, 14, 17, 18, 19, 20
Fuse 29	8W-31-9, 16
Fuse 31	8W-31-17
Fuse 7	8W-31-20
Fuse 9	8W-31-9
G104	8W-31-9, 19, 20
G106	8W-31-10, 20
G107	8W-31-2, 19
G201	8W-31-2, 15, 16
G203	8W-31-20
Module-Axle Disconnect-Front	8W-31-20
Module-Engine Control	8W-31-13, 14, 15, 20
Module-Final Drive Control	8W-31-9, 10, 11
Module-Powertrain Control	8W-31-2, 3, 4, 5, 6, 7, 8, 12, 13, 20
Module-Totally Integrated Power	8W-31-2, 9, 12, 14, 16, 17, 18, 19, 20
Relay-Starter	8W-31-20
Relay-Starter Motor	8W-31-20
Sensor-Input Speed	8W-31-3
Sensor-Line Pressure	8W-31-7
Sensor-Output Speed	8W-31-3, 12, 14
Sensor-Prop Shaft Speed-Front	8W-31-18
Sensor-Prop Shaft Speed-Rear	8W-31-18
Sensor-Transfer Case Position	8W-31-19
Sensor-Transmission Range	8W-31-2, 4, 13
Solenoid-Brake Transmission Shift Interlock	8W-31-20
Solenoid-Locker-Front	8W-31-11
Solenoid-Locker-Rear	8W-31-11
Solenoid-Reverse Lock-Out	8W-31-20
Switch-Clutch Interlock	8W-31-20
Switch-Disconnecting Stabilizer Bar	8W-31-9, 10
Switch-Speed Control-Left	8W-31-15
Switch-Speed Control-Right	8W-31-15
Switch-Tow/Haul Overdrive	8W-31-2, 15
Switch-Transfer Case Selector	8W-31-16

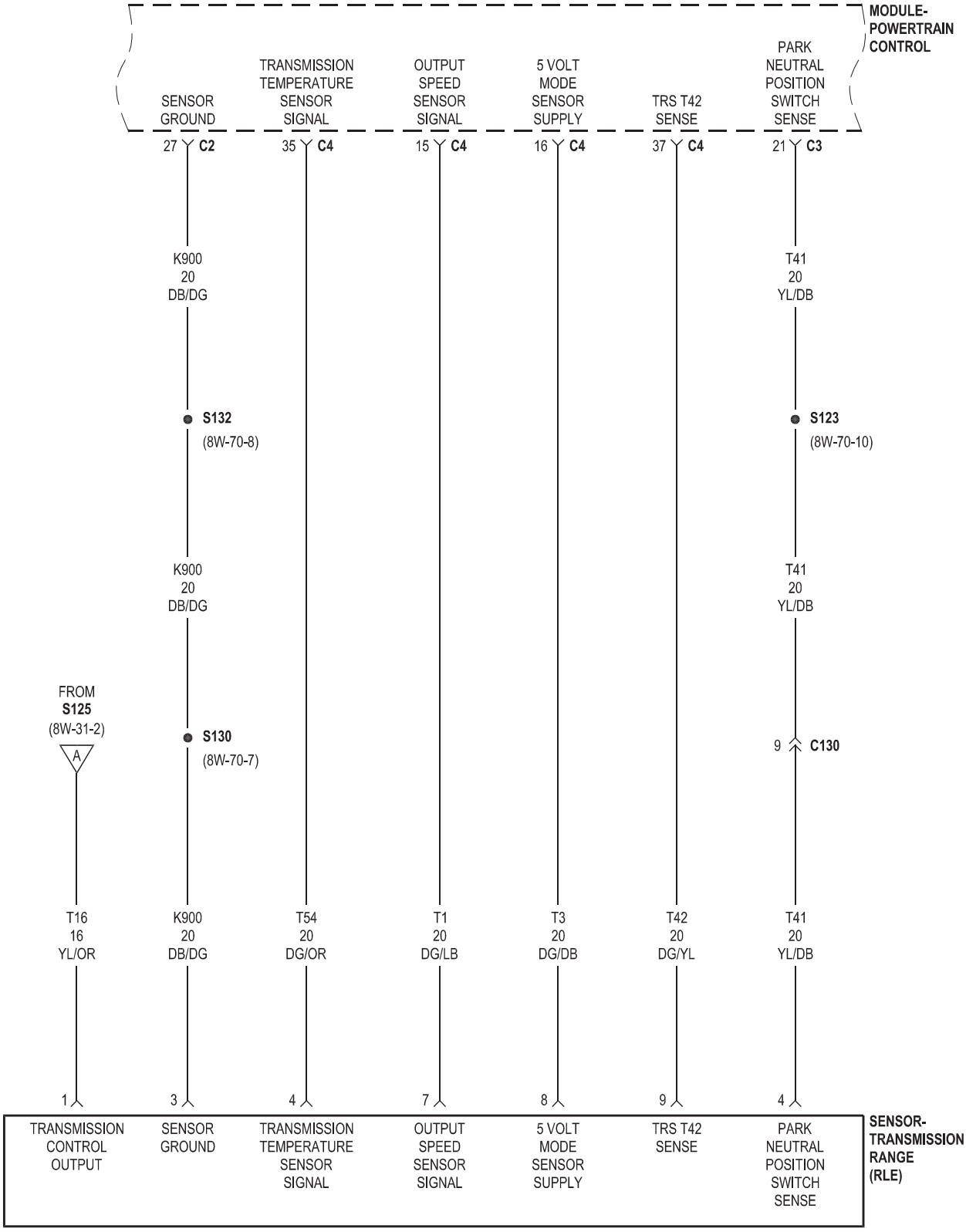
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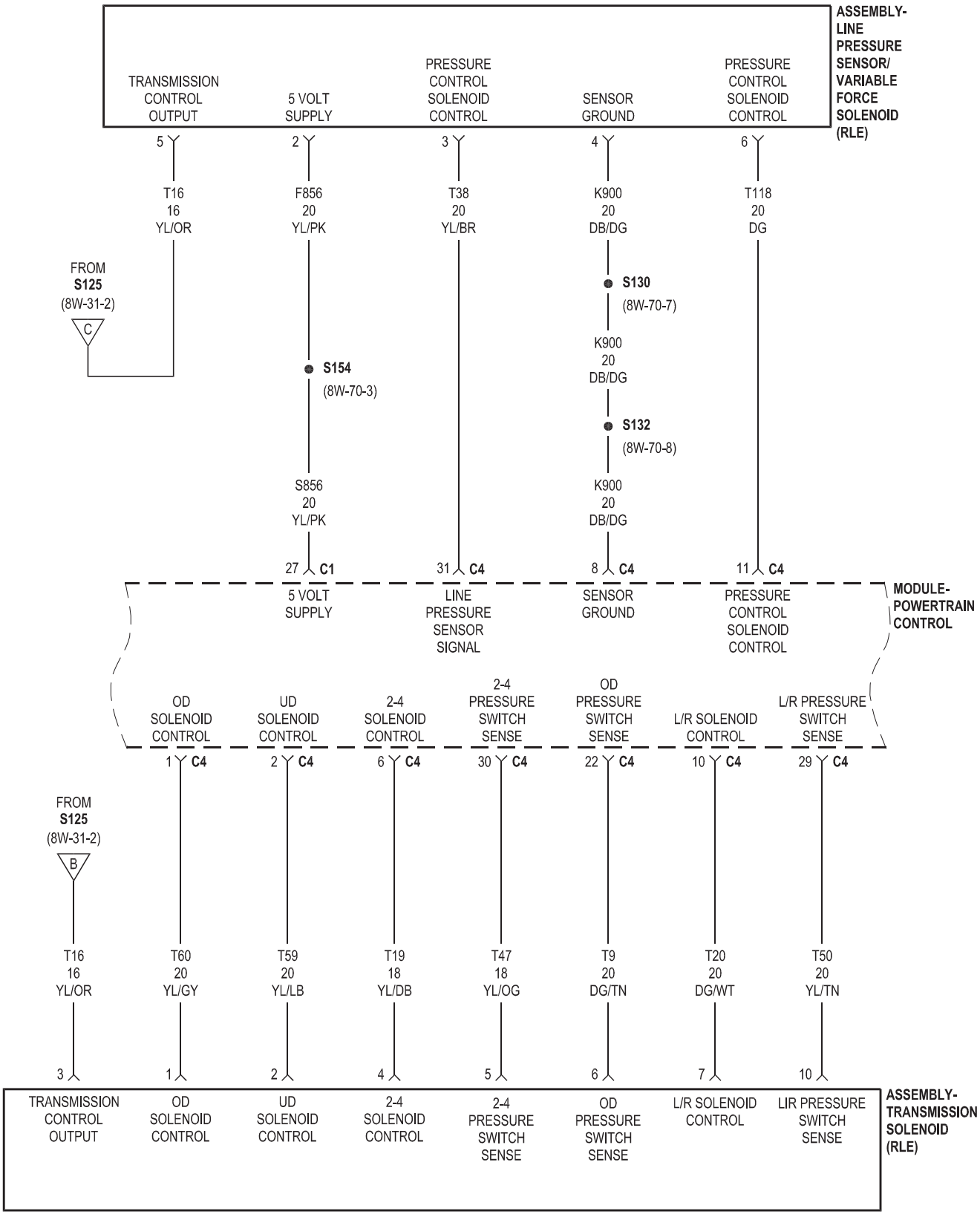
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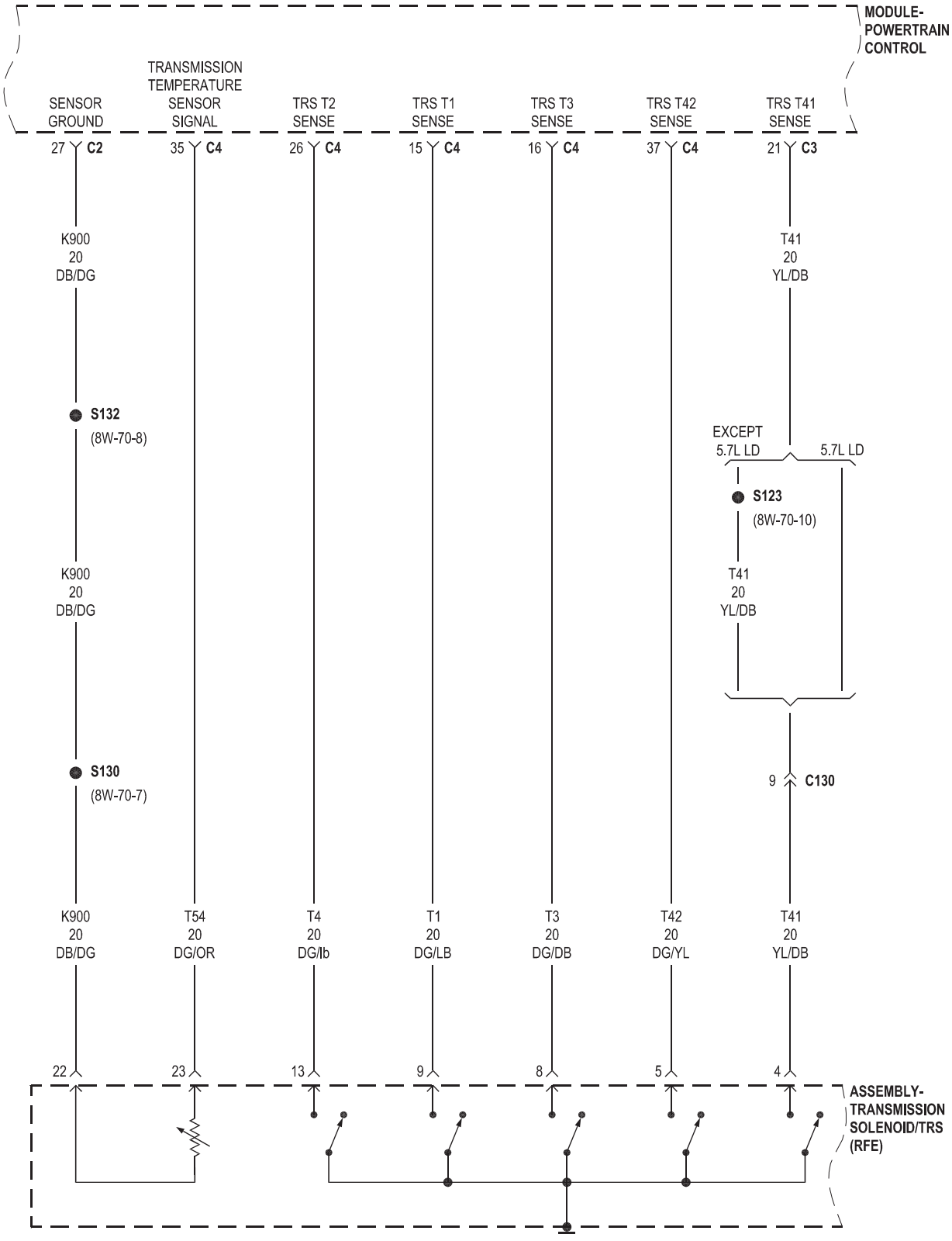
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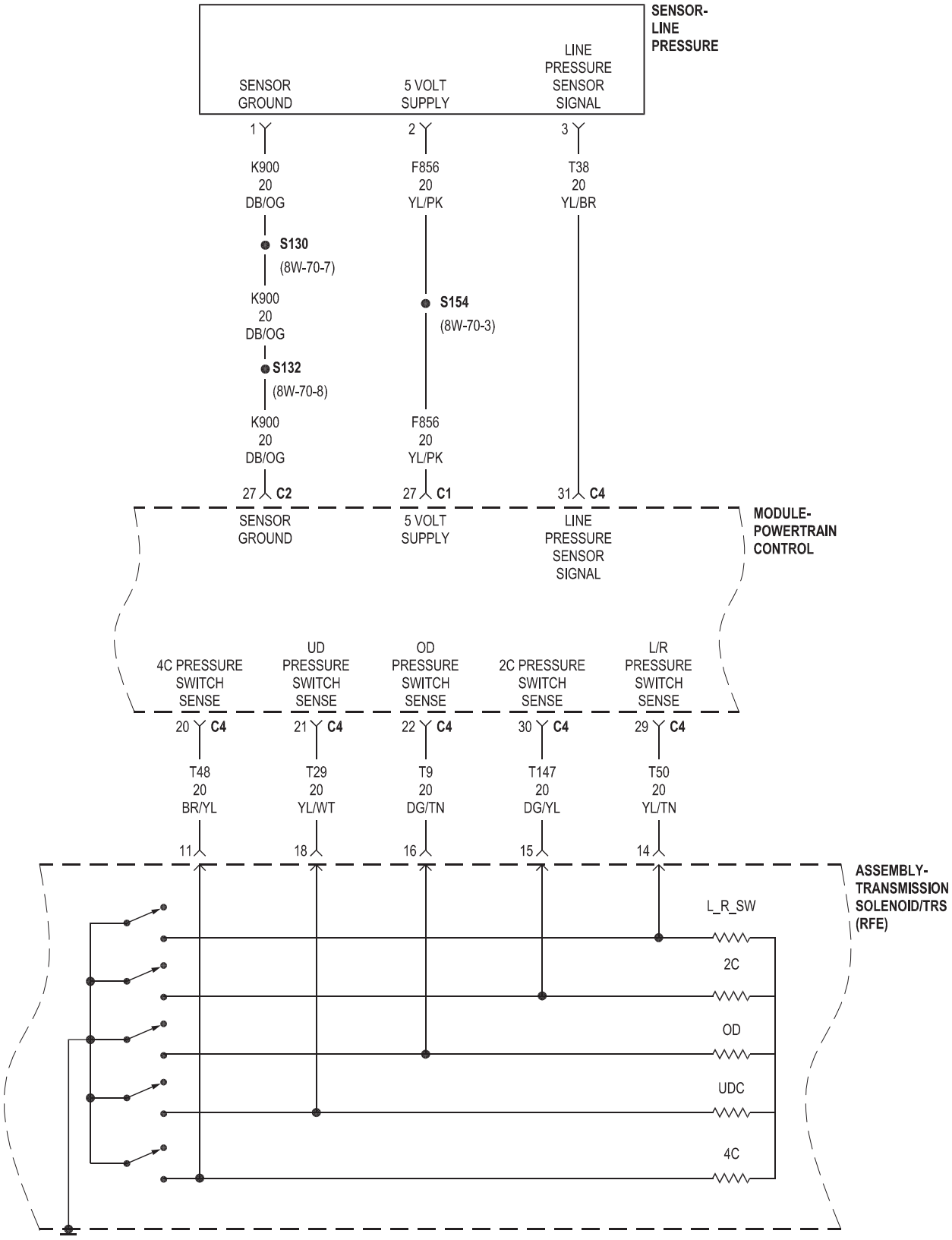
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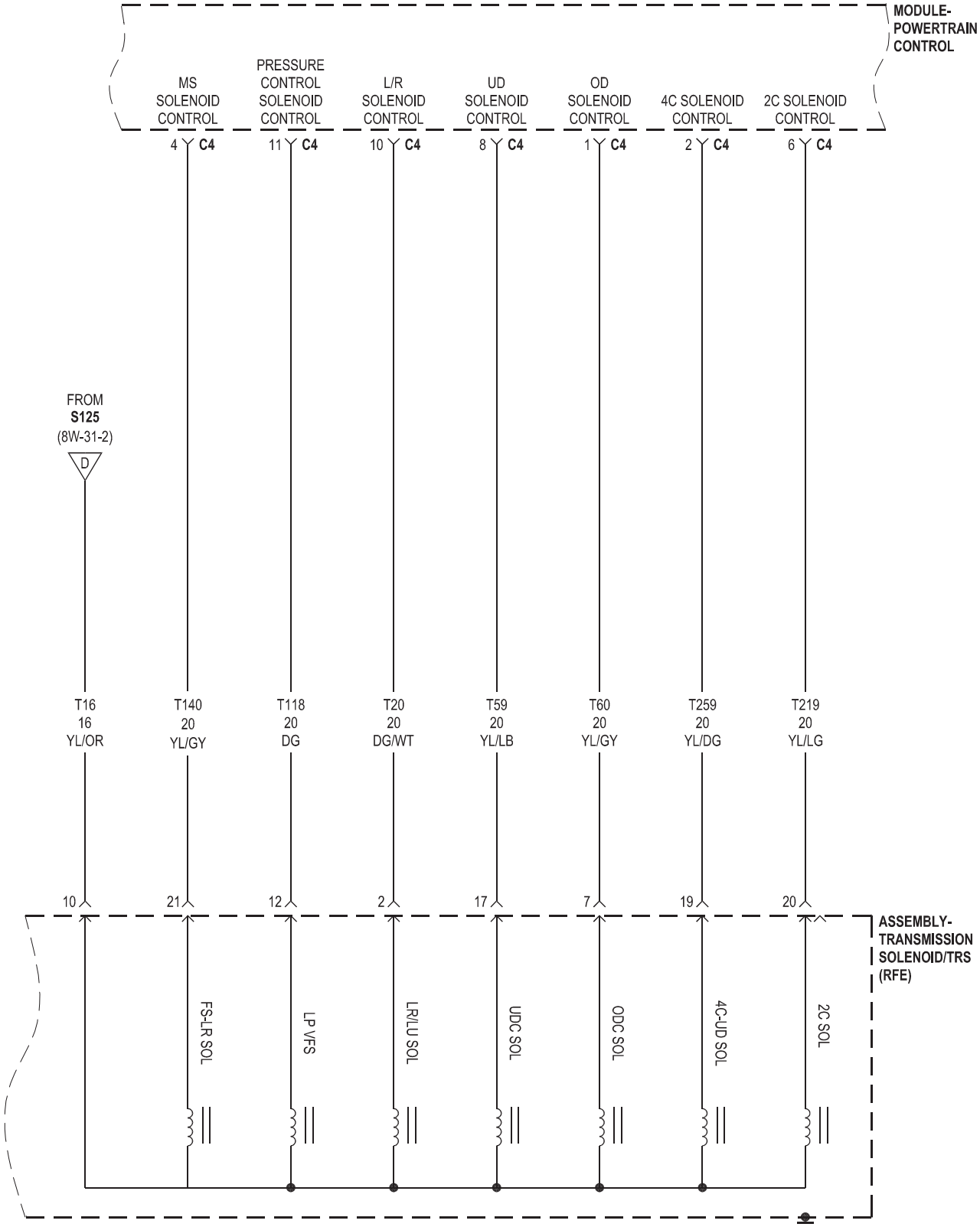
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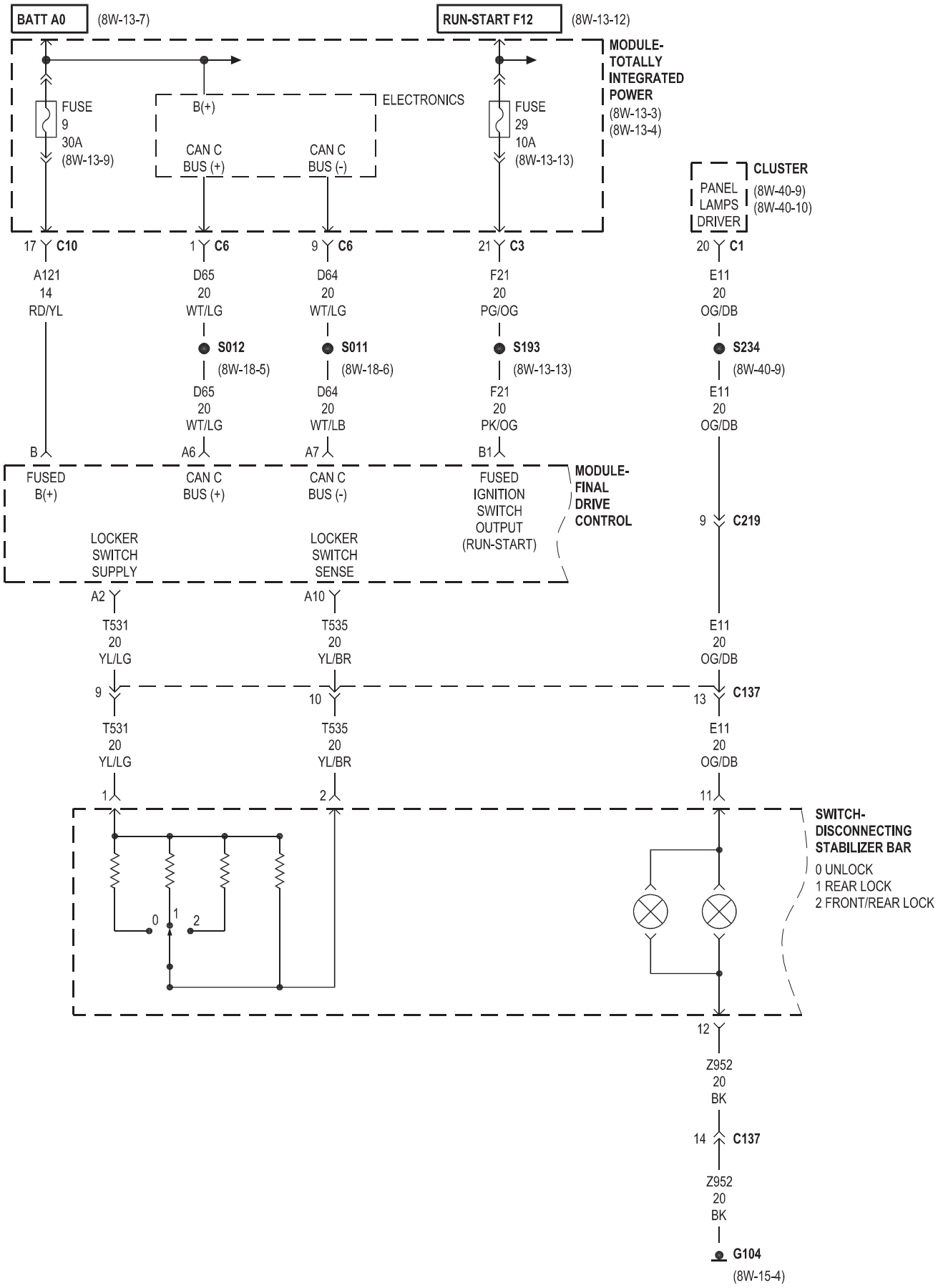
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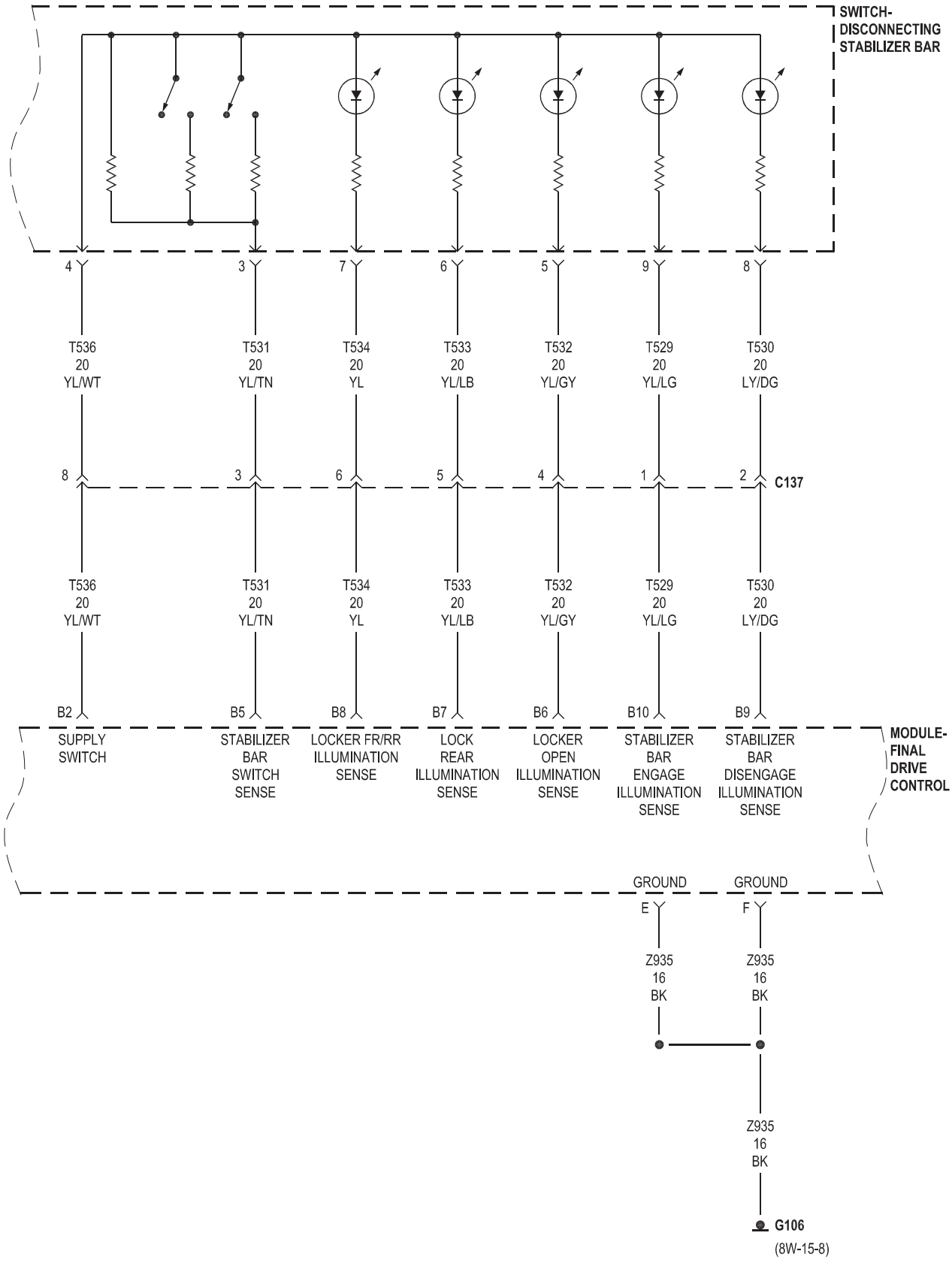
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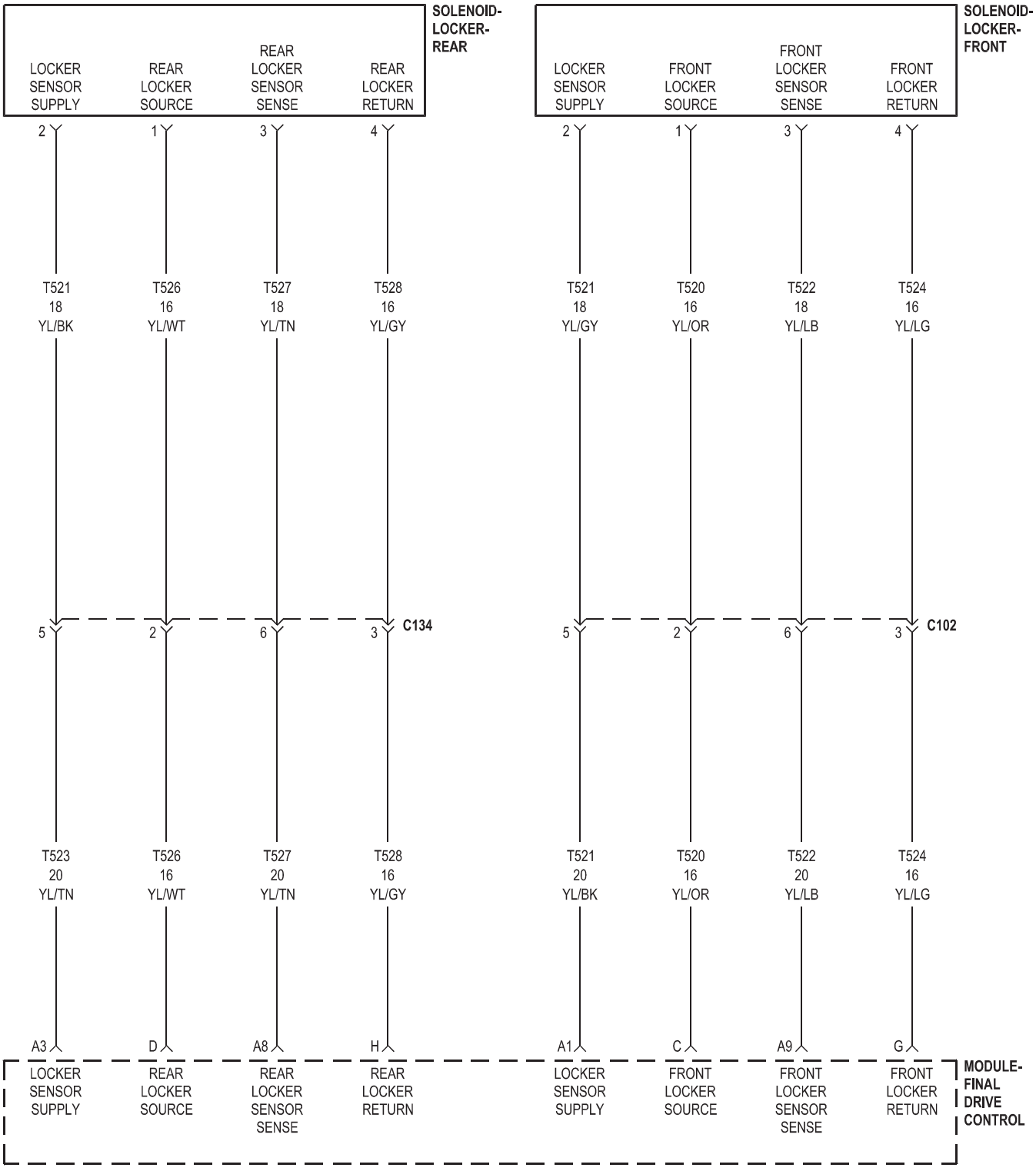
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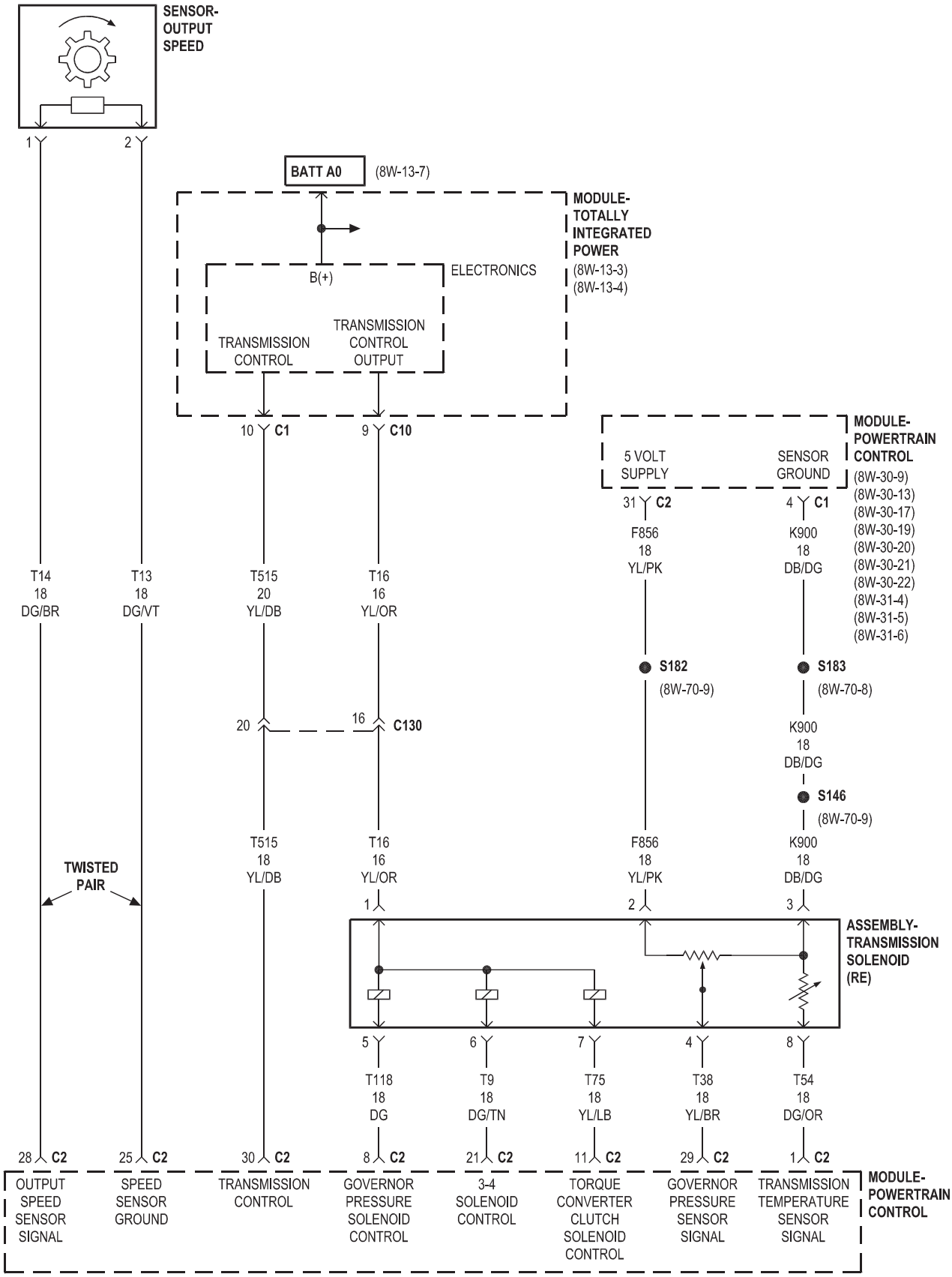
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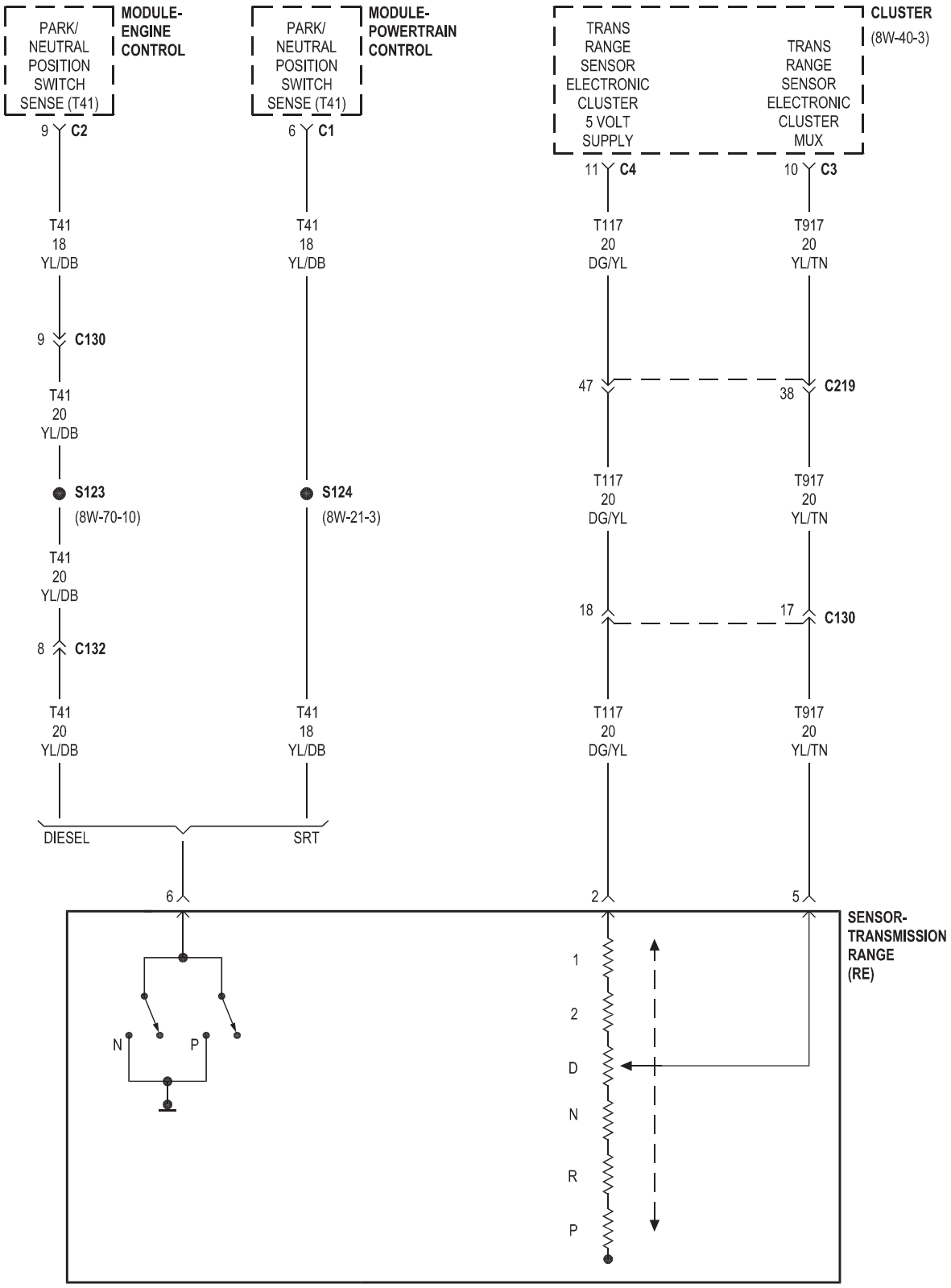
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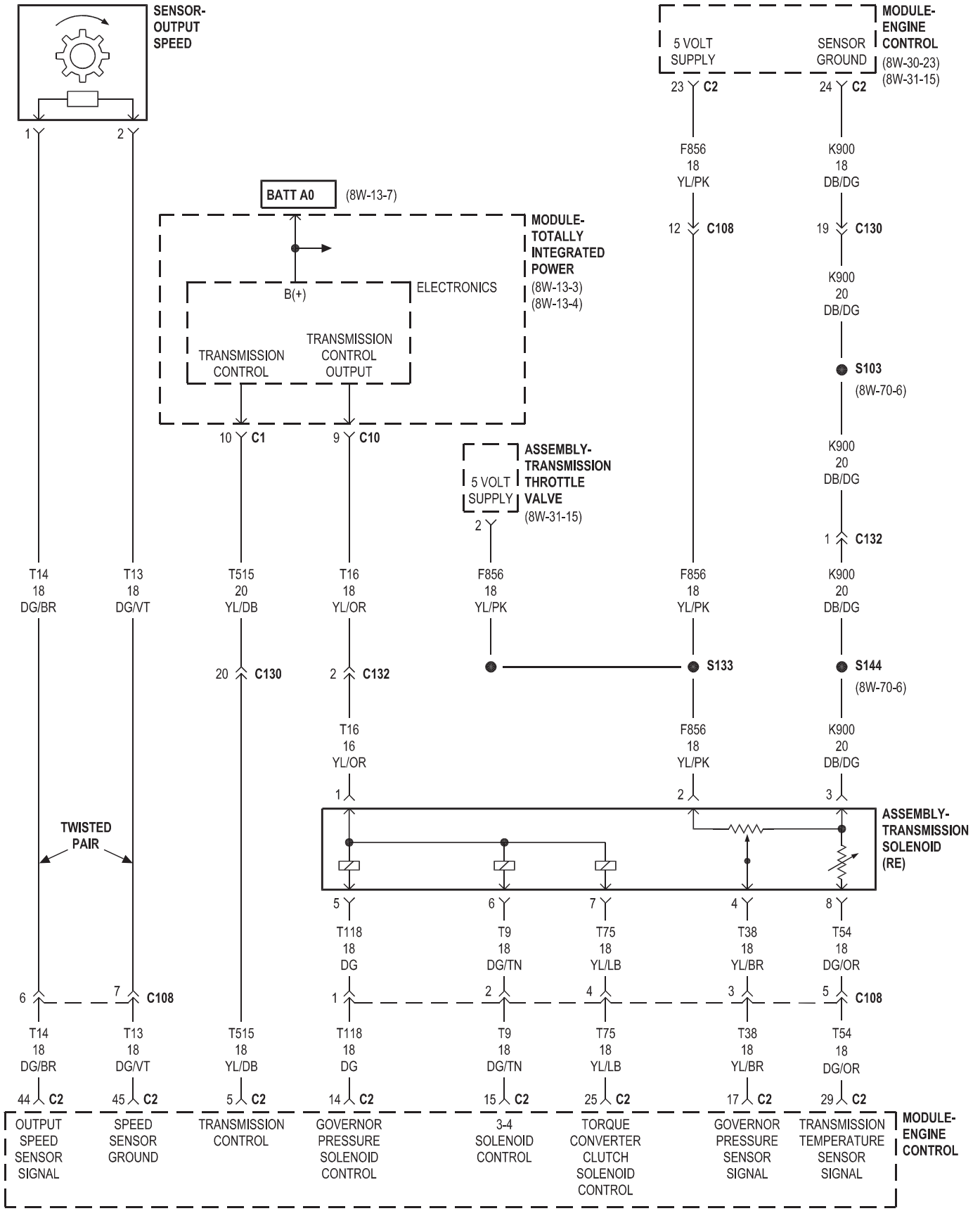
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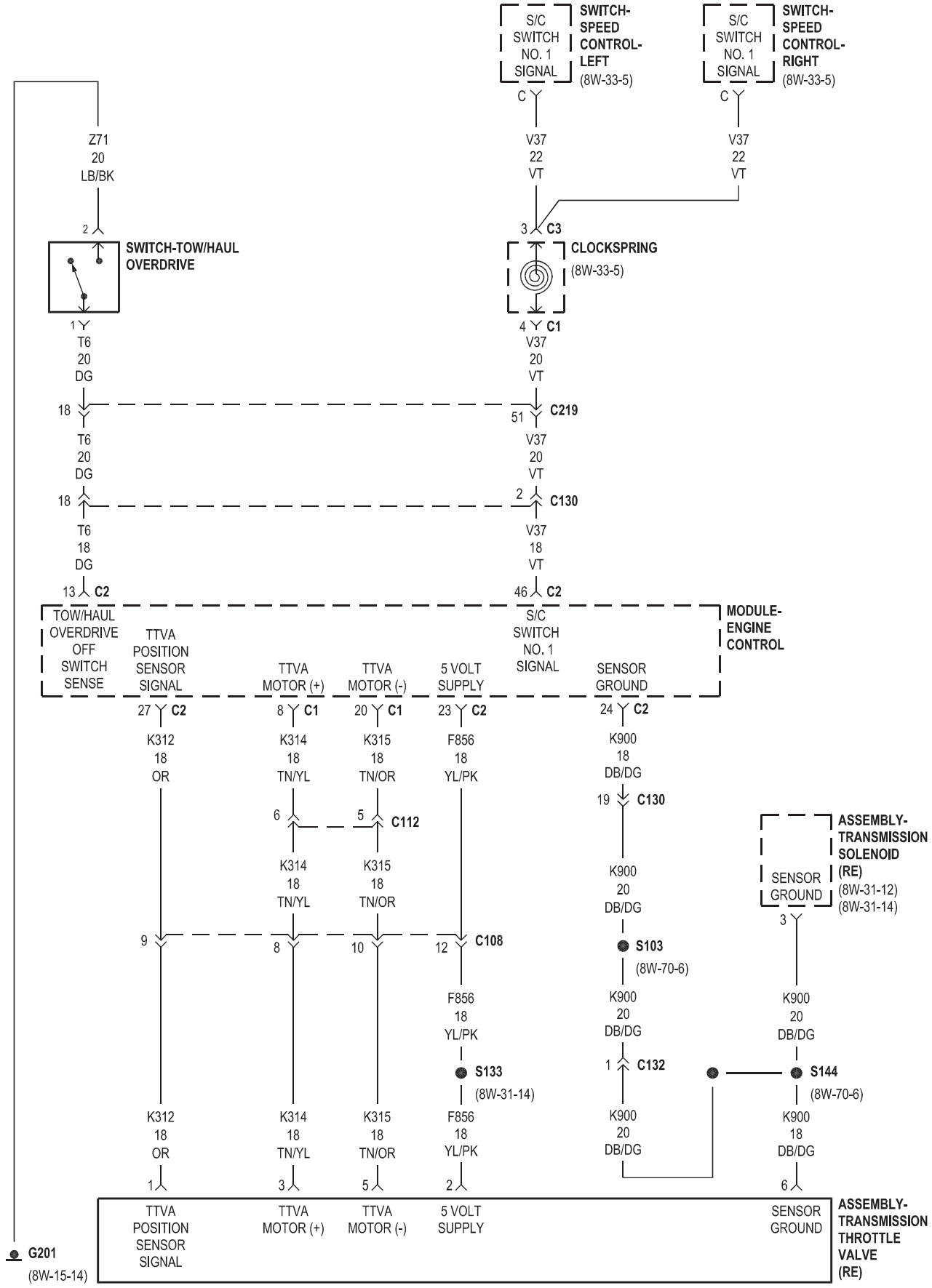
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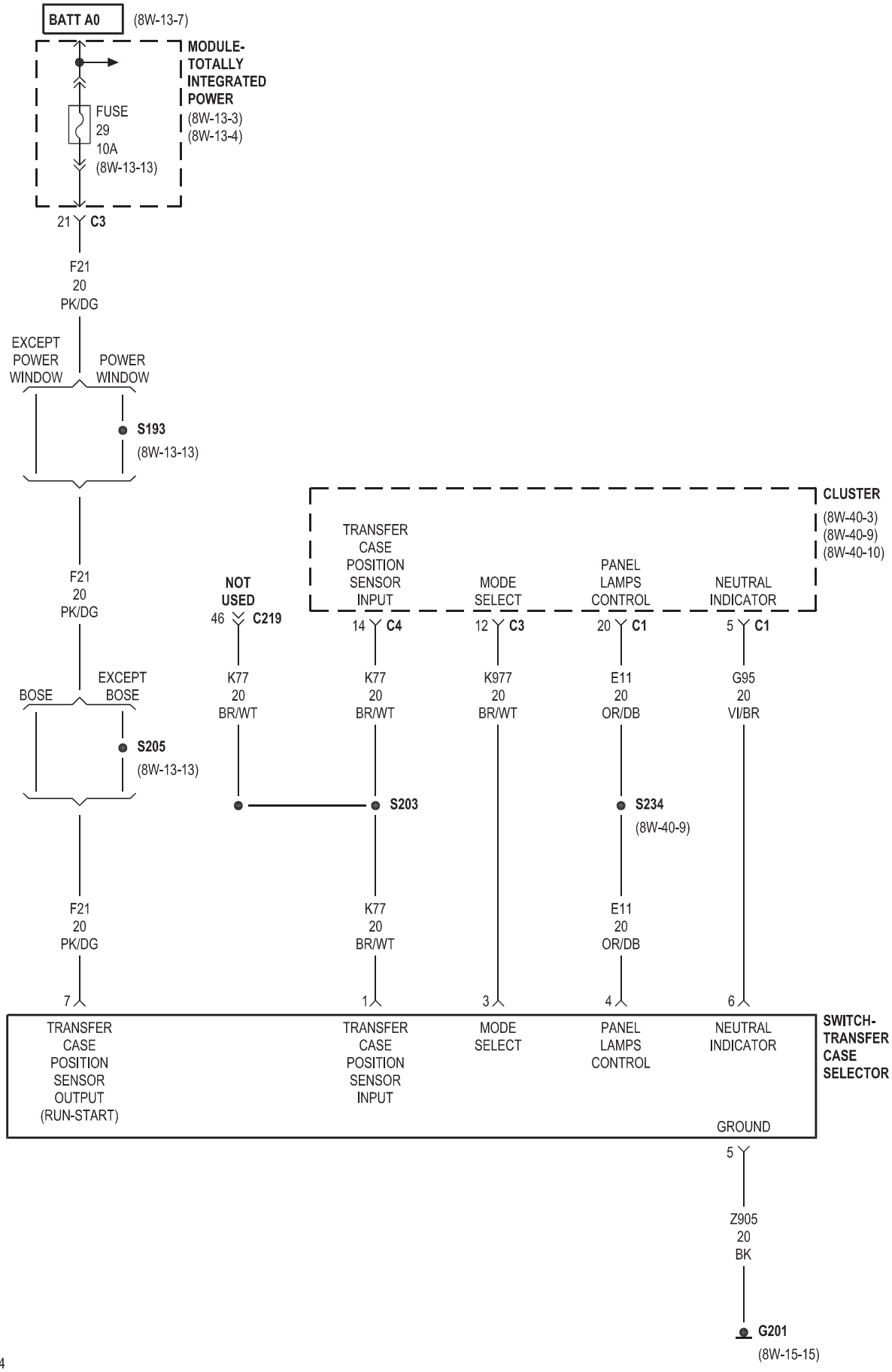


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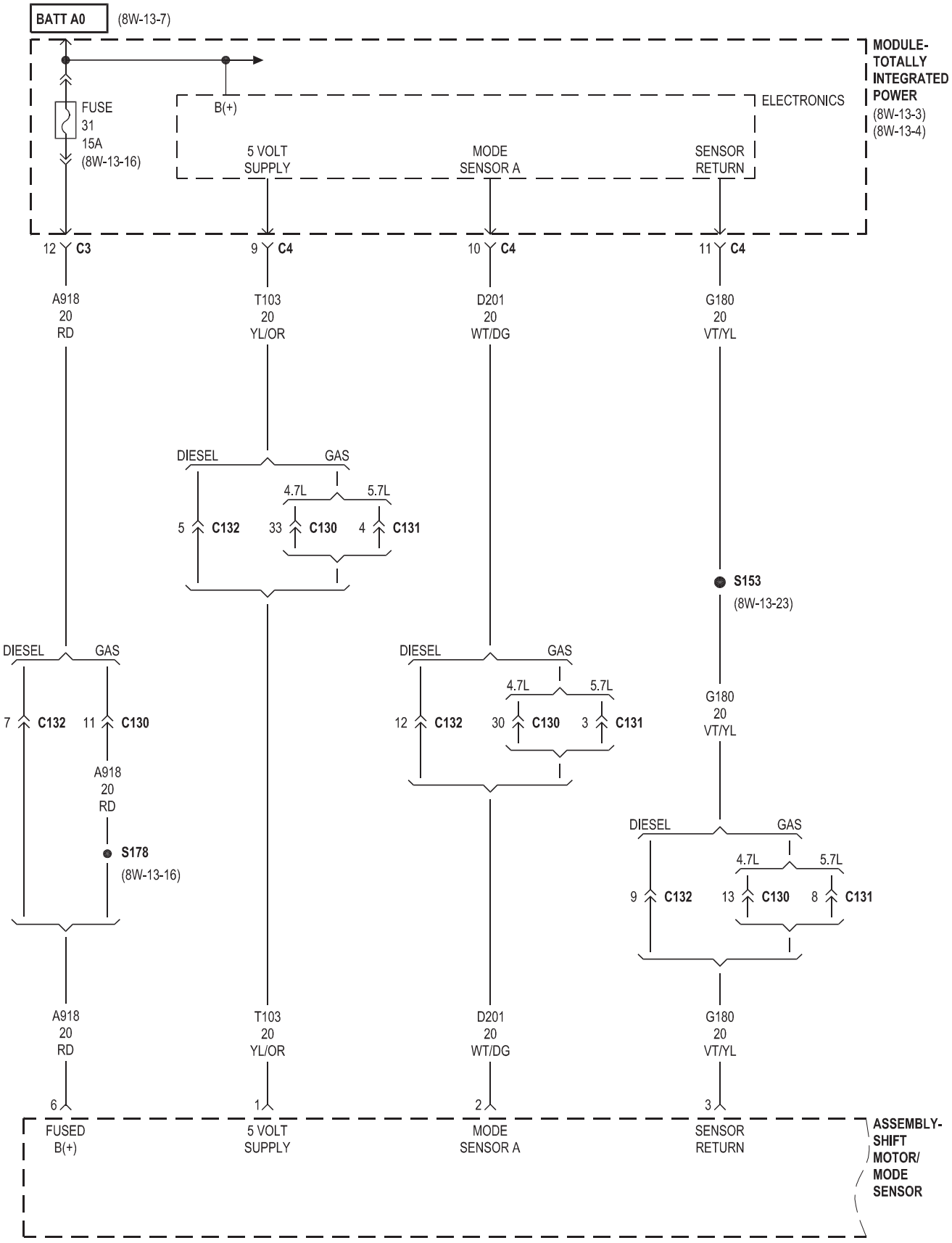
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ELECTRONIC TRANSFER CASE



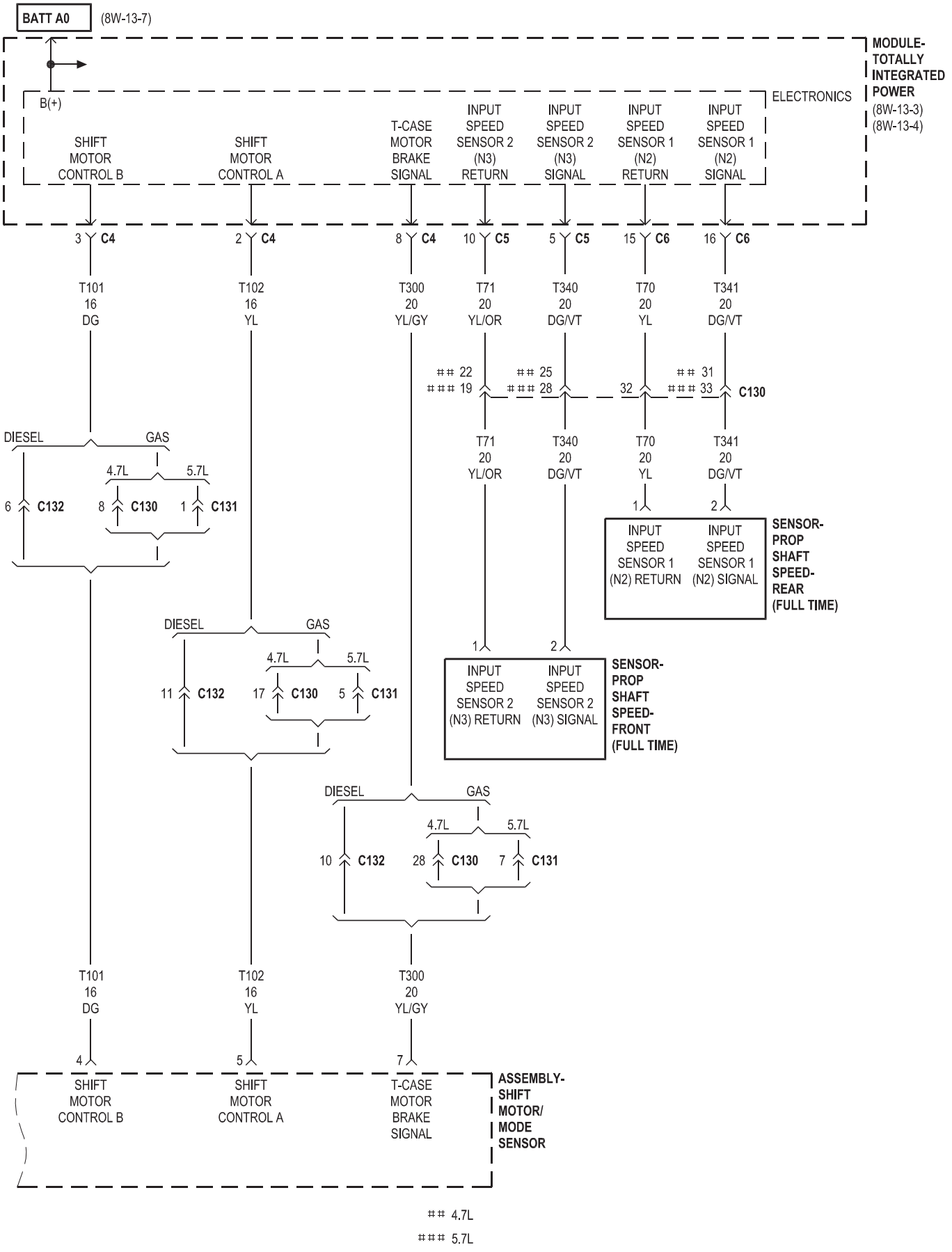
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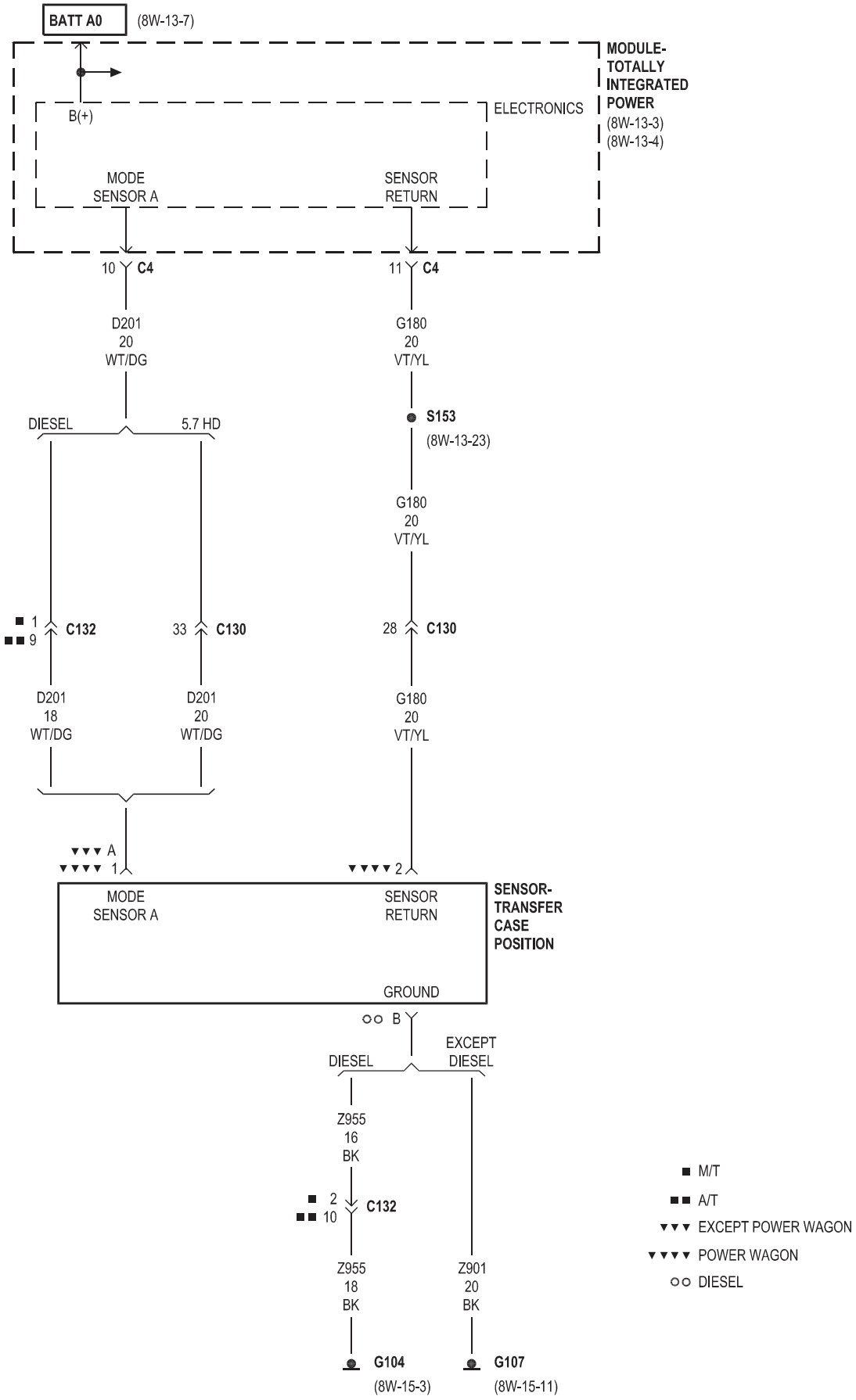


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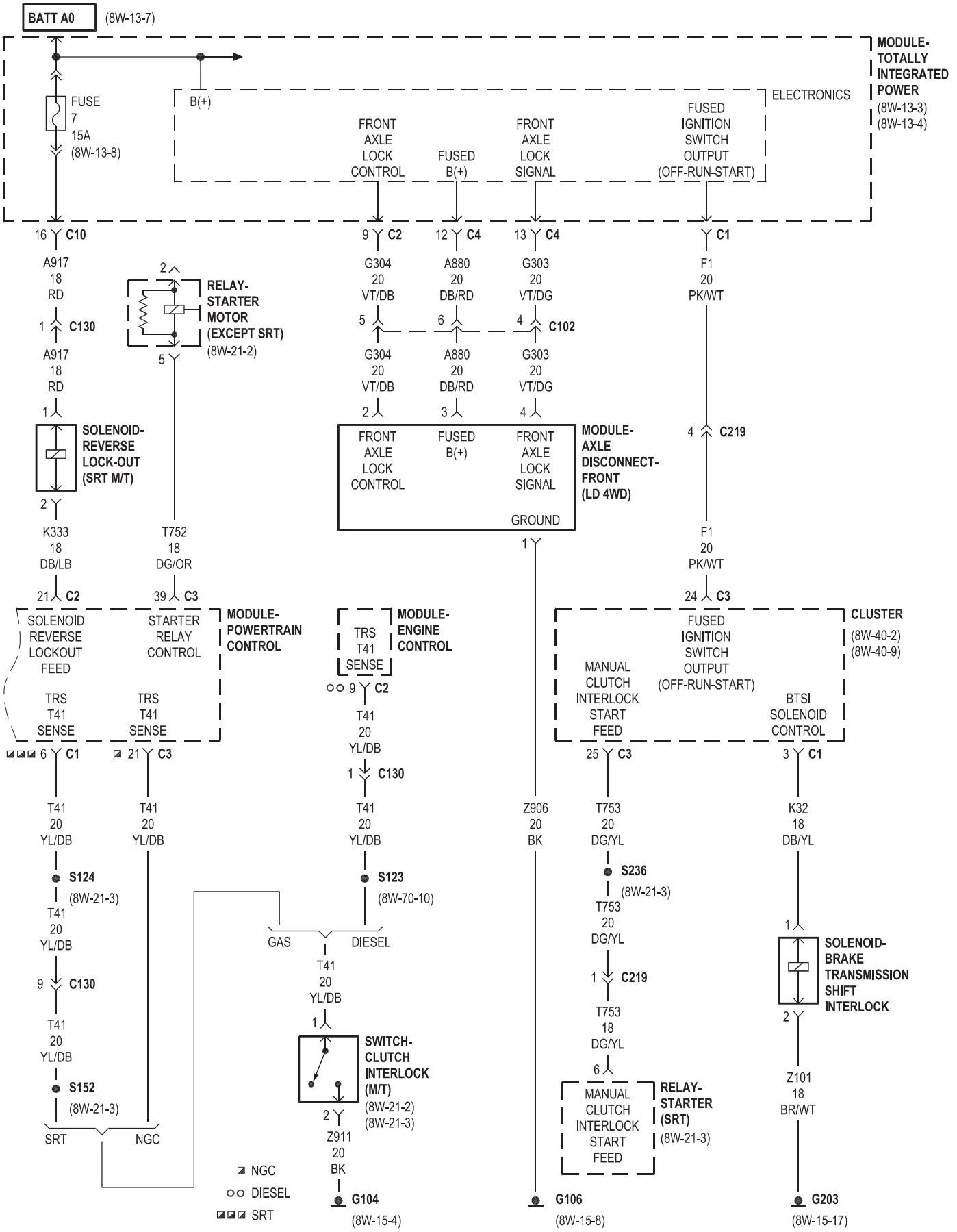
ELECTRONIC TRANSFER CASE



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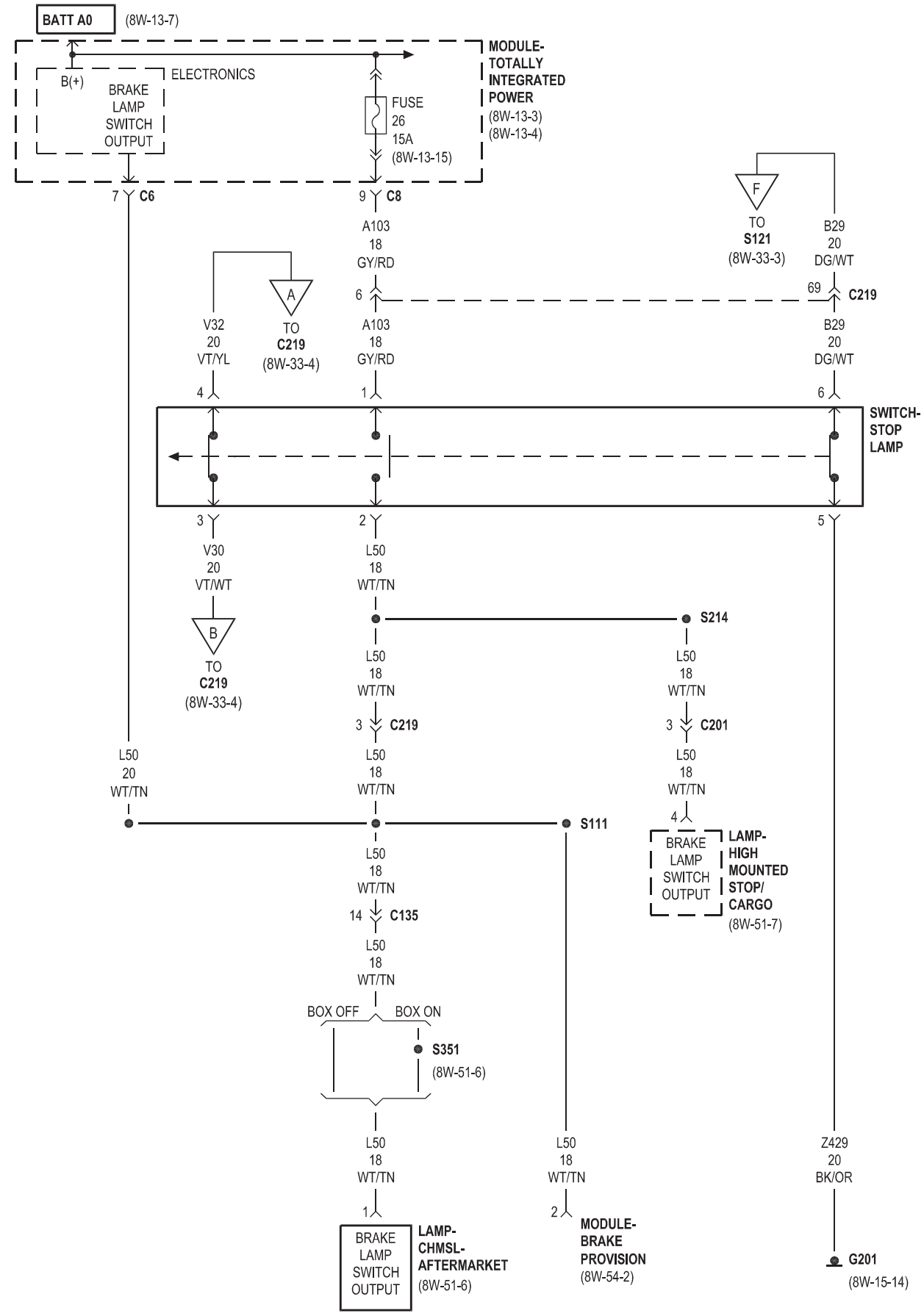


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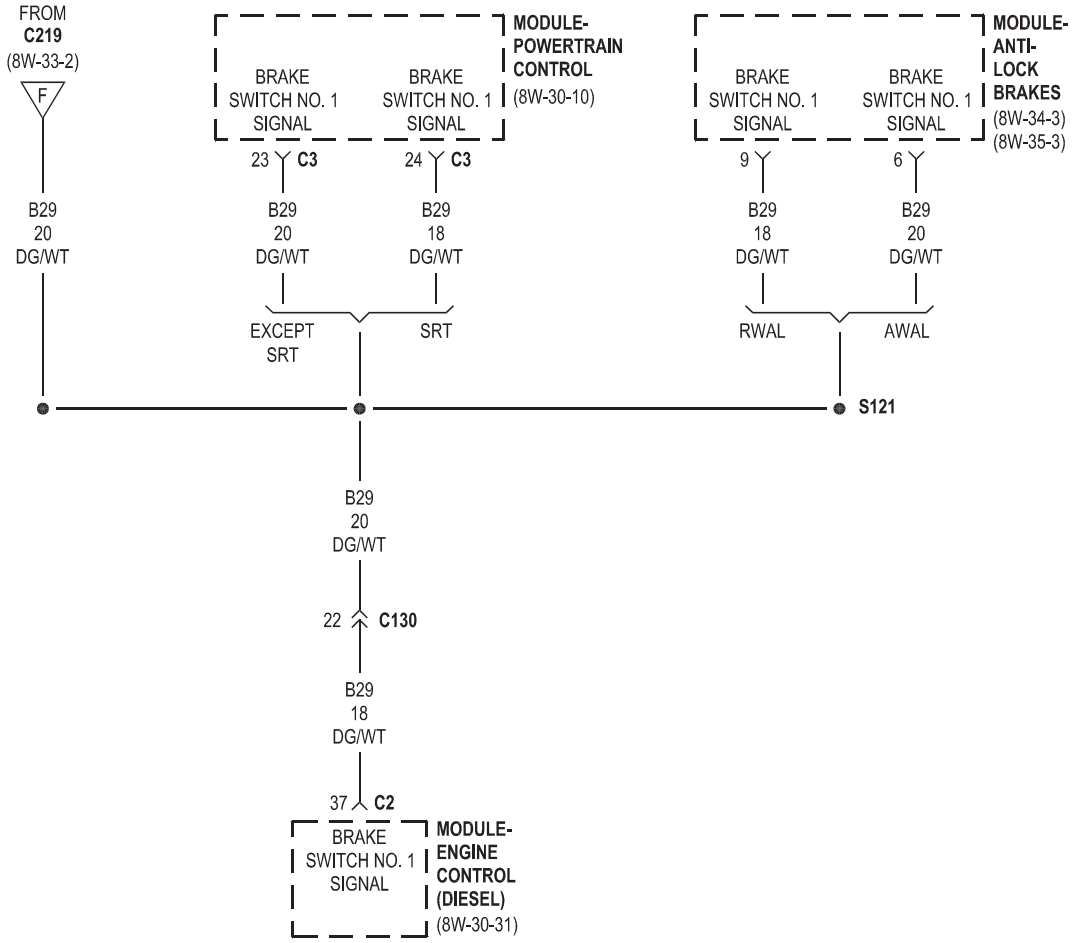
8W-33 VEHICLE SPEED CONTROL

Component	Page
Electronics	8W-33-2
Fuse 26	8W-33-2
G104	8W-33-4
G201	8W-33-2
Lamp-CHMSL-Aftermarket	8W-33-2
Lamp-High Mounted Stop/Cargo	8W-33-2
Module-Anti-Lock Brakes	8W-33-3
Module-Brake Provision	8W-33-2
Module-Engine Control	8W-33-3, 6
Module-Powertrain Control	8W-33-3, 4, 6
Module-Totally Integrated Power	8W-33-2
Servo-Speed Control	8W-33-4
Switch-Speed Control-Left	8W-33-5
Switch-Speed Control-Right	8W-33-5
Switch-Stop Lamp	8W-33-2, 4

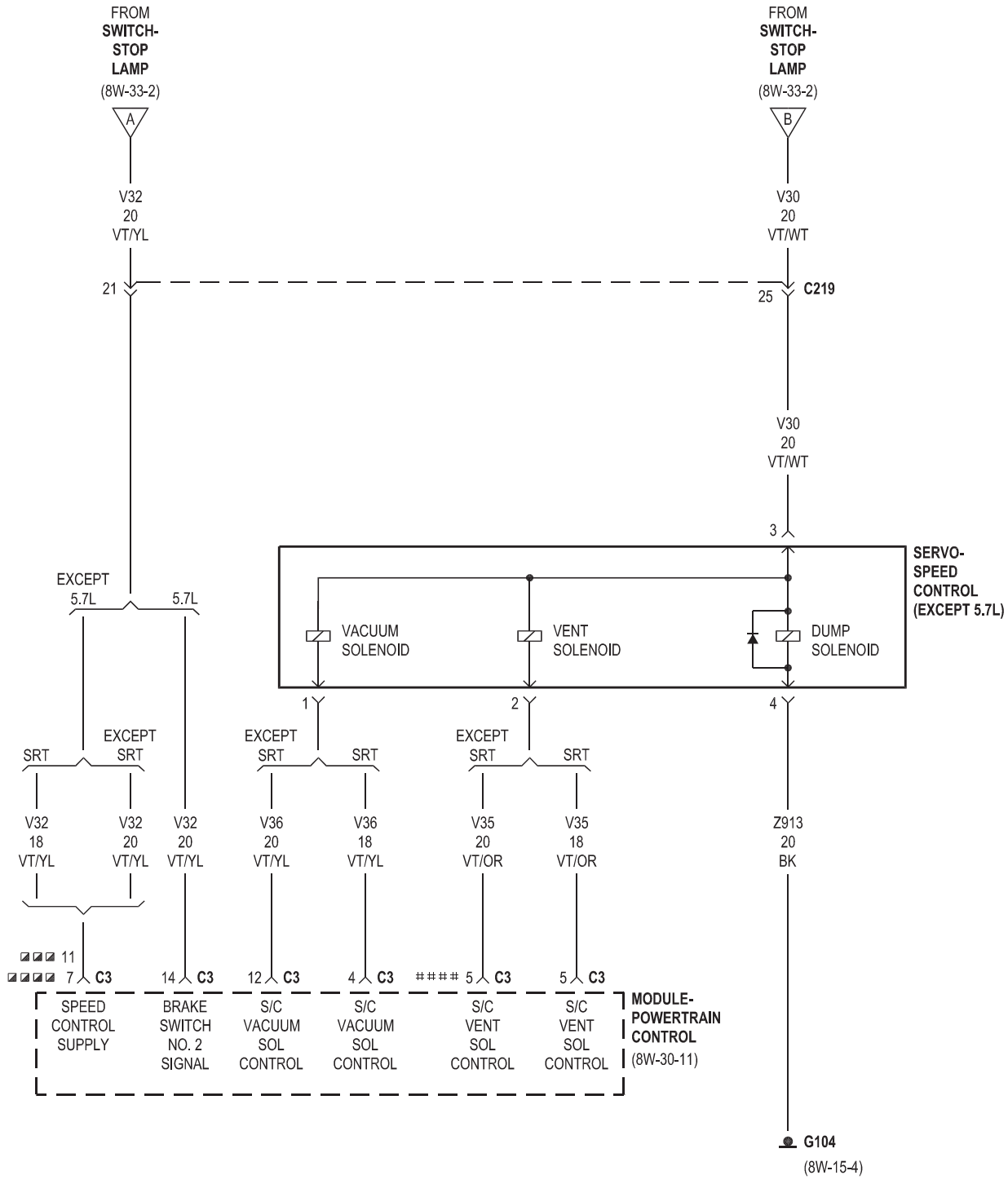
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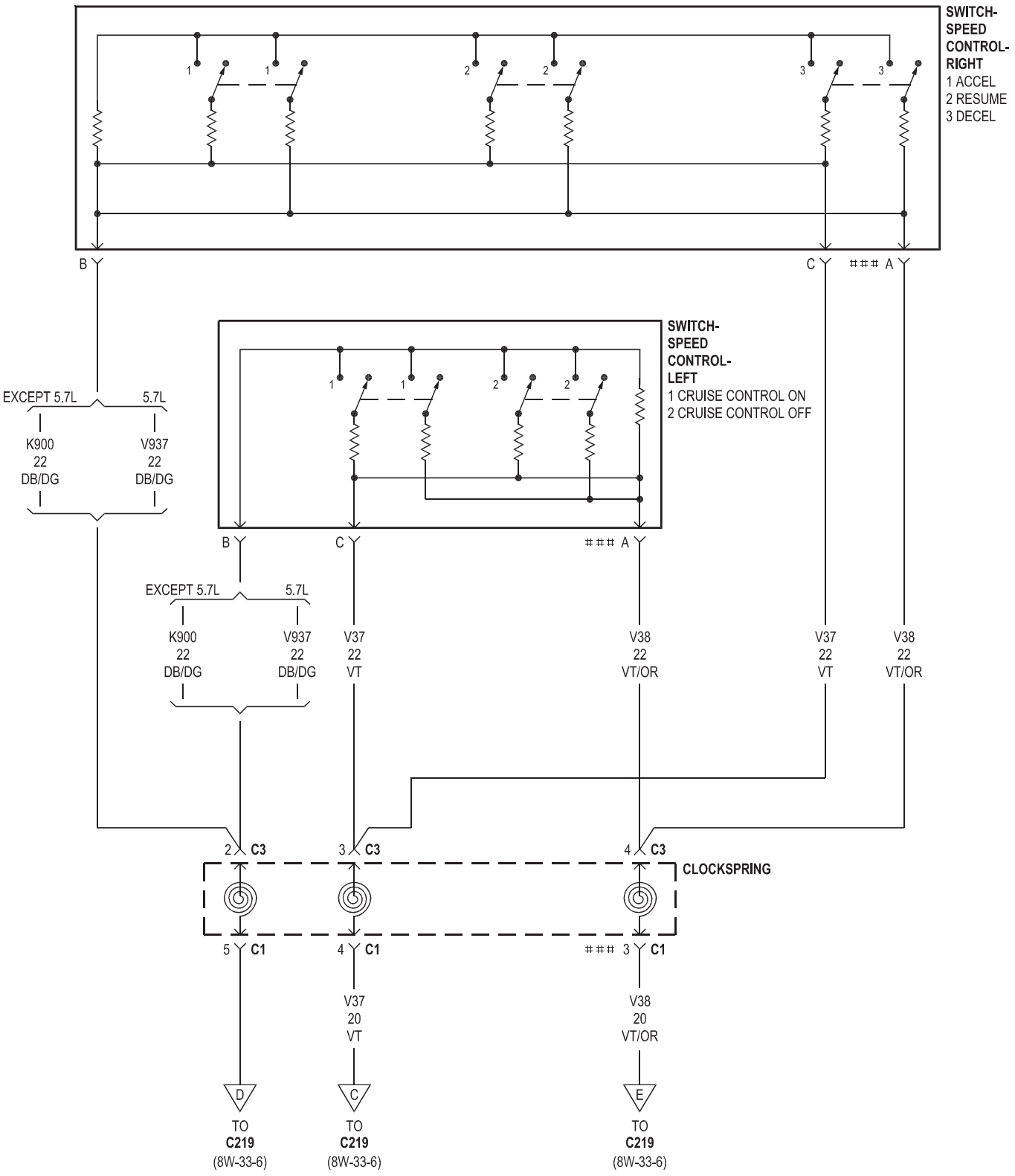
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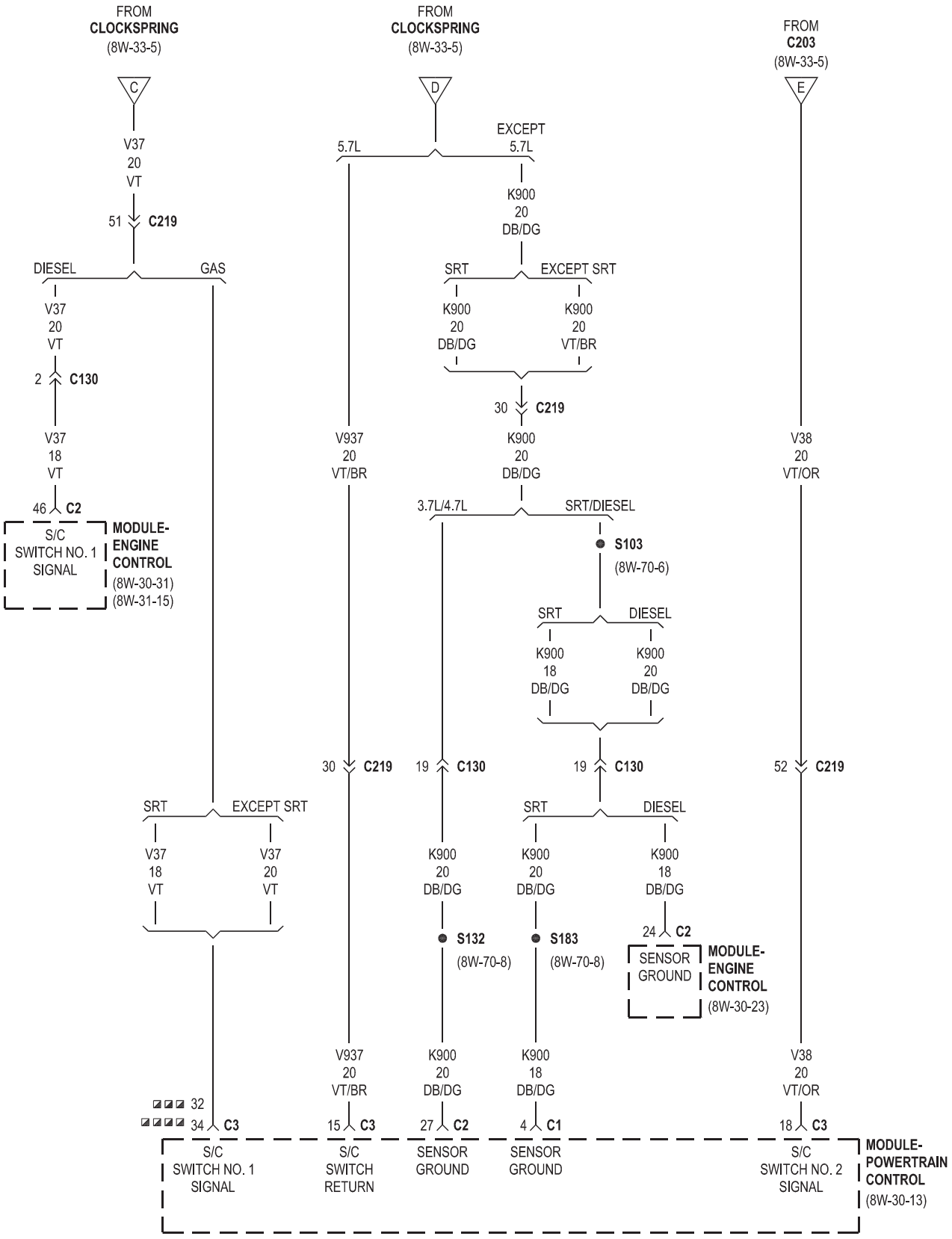


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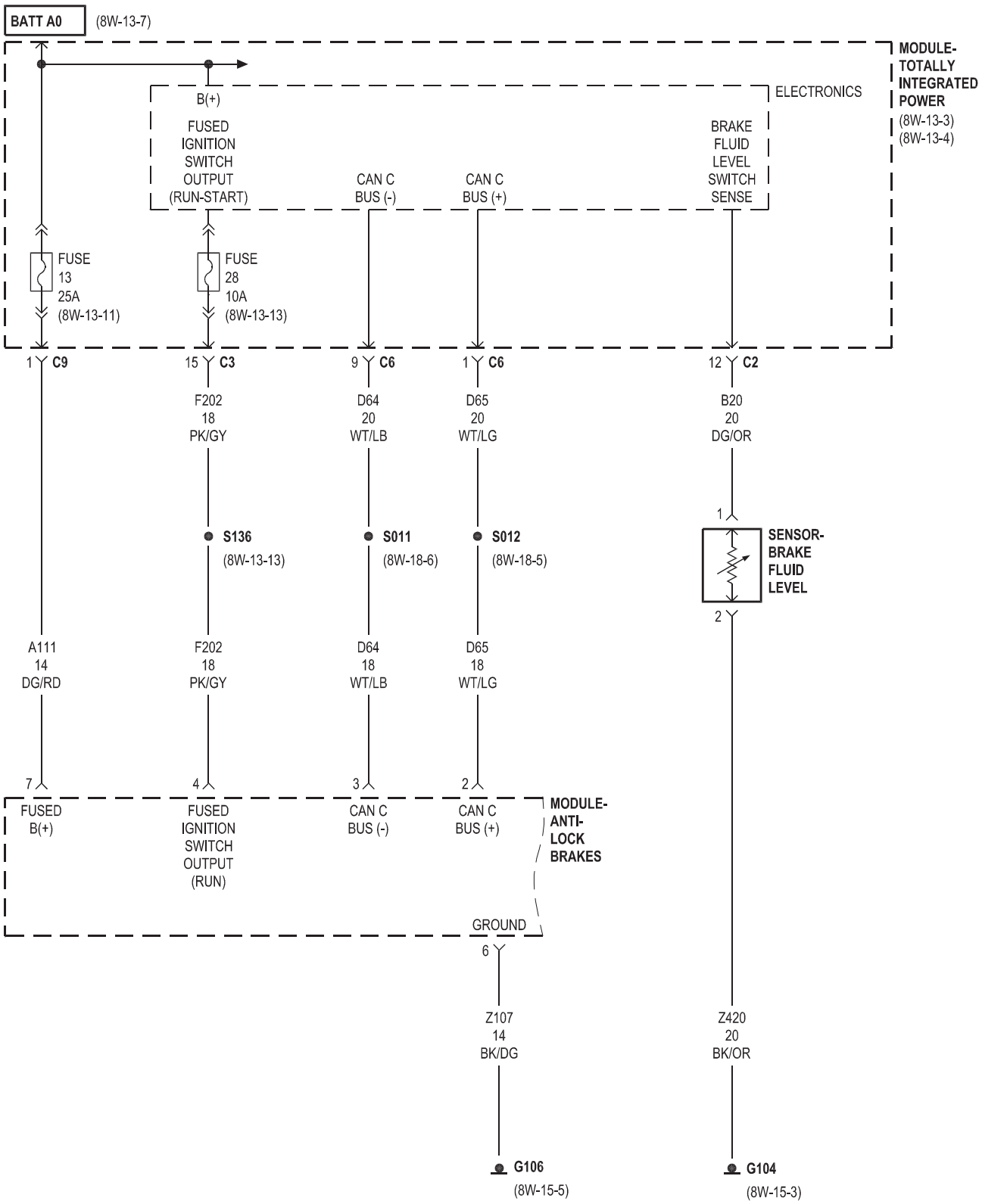


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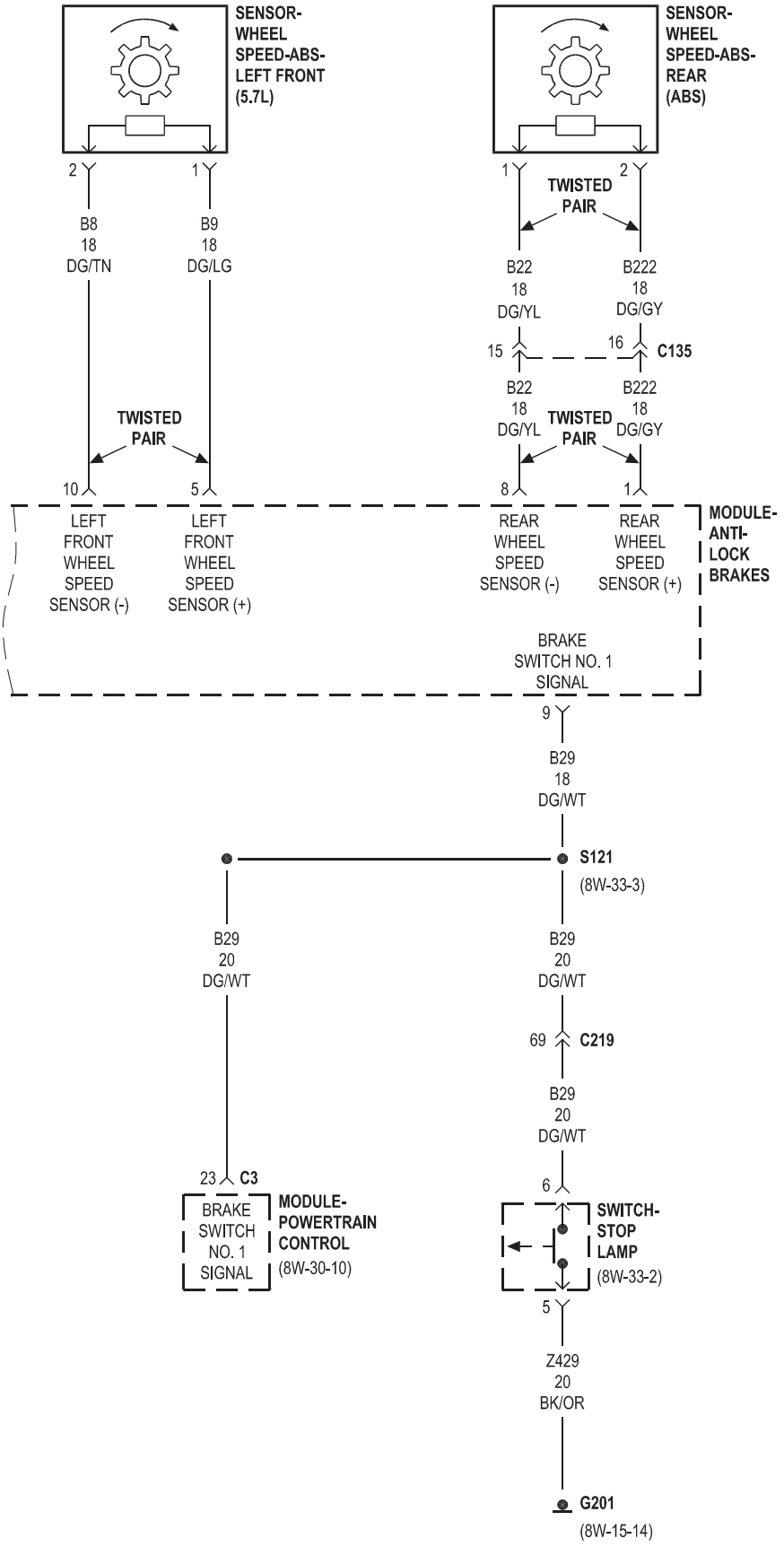
8W-34 REAR WHEEL ANTILOCK BRAKES

Component	Page
Fuse 13	8W-34-2
Fuse 28	8W-34-2
G104	8W-34-2
G106	8W-34-2
G201	8W-34-3
Module-Anti-Lock Brakes	8W-34-2, 3
Module-Powertrain Control	8W-34-3
Module-Totally Integrated Power	8W-34-2
Sensor-Brake Fluid Level	8W-34-2
Sensor-Wheel Speed-ABS-Left Front	8W-34-3
Sensor-Wheel Speed-ABS-Rear	8W-34-3
Switch-Stop Lamp	8W-34-3

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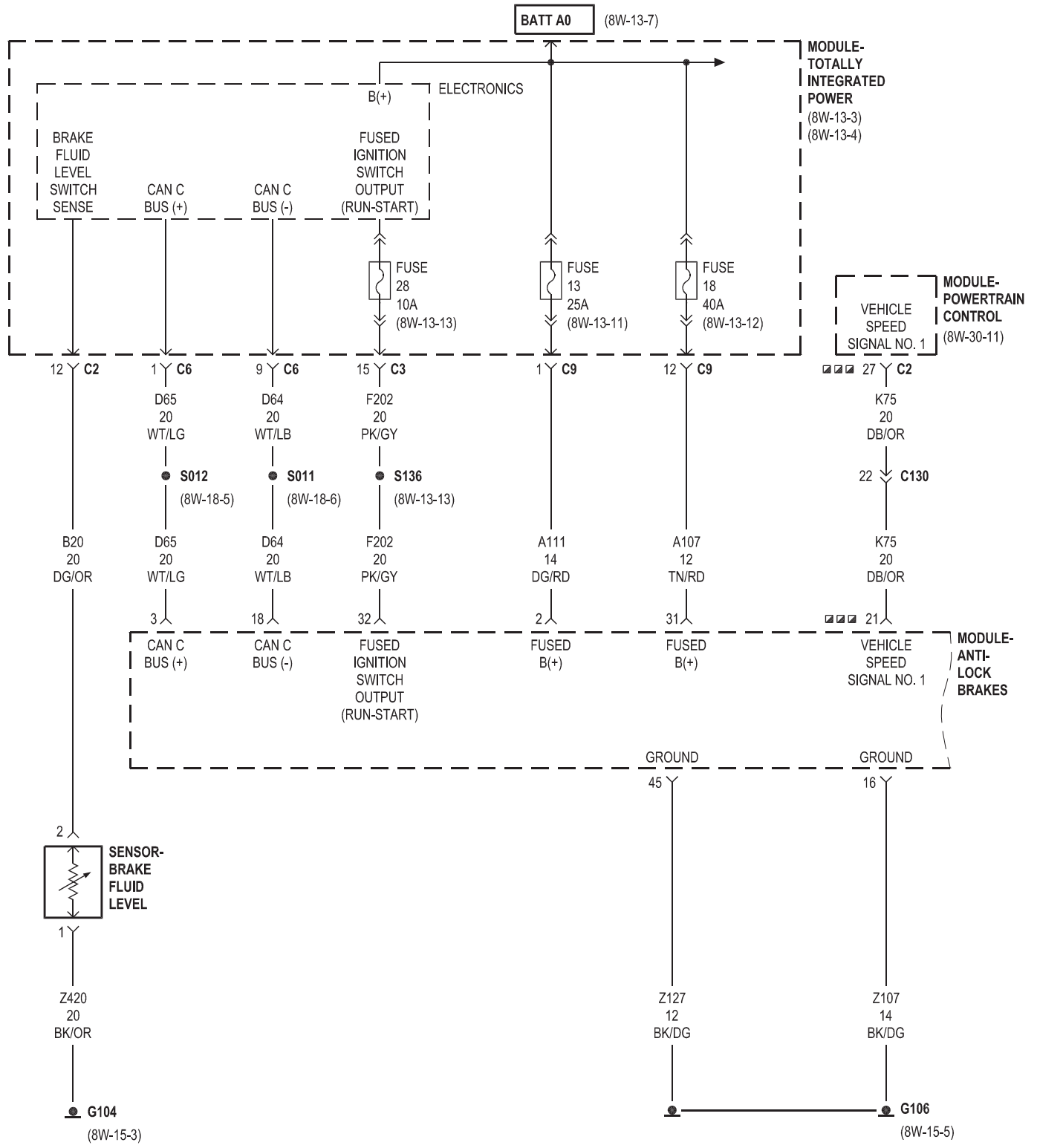
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8W-35 ALL WHEEL ANTILOCK BRAKES

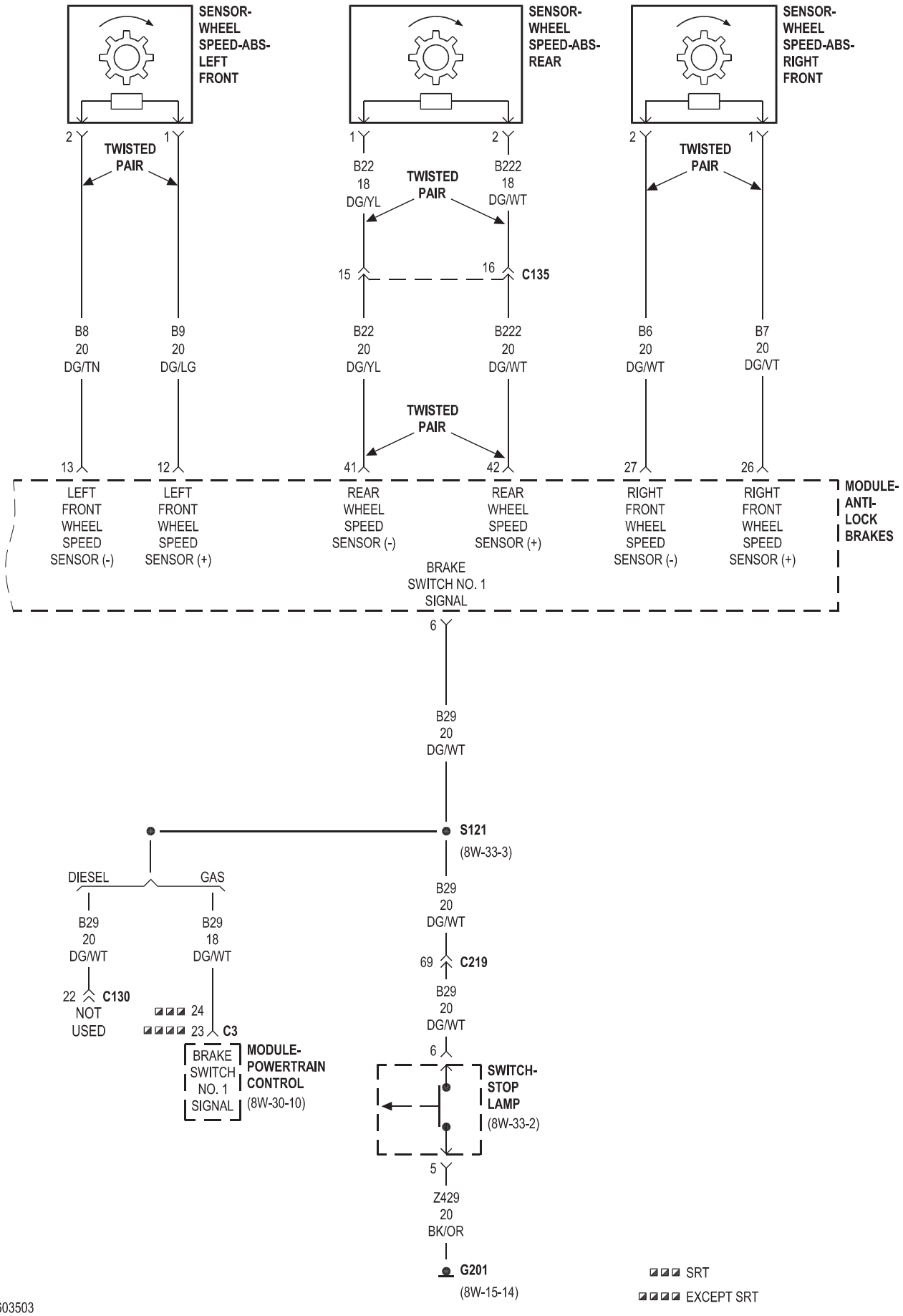
Component	Page
Fuse 13	8W-35-2
Fuse 18	8W-35-2
Fuse 28	8W-35-2
G104	8W-35-2
G106	8W-35-2
G201	8W-35-3
Module-Anti-Lock Brakes	8W-35-2, 3
Module-Powertrain Control	8W-35-2, 3
Module-Totally Integrated Power	8W-35-2
Sensor-Brake Fluid Level	8W-35-2
Sensor-Wheel Speed-ABS-Left Front	8W-35-3
Sensor-Wheel Speed-ABS-Rear	8W-35-3
Sensor-Wheel Speed-ABS-Right Front	8W-35-3
Switch-Stop Lamp	8W-35-3

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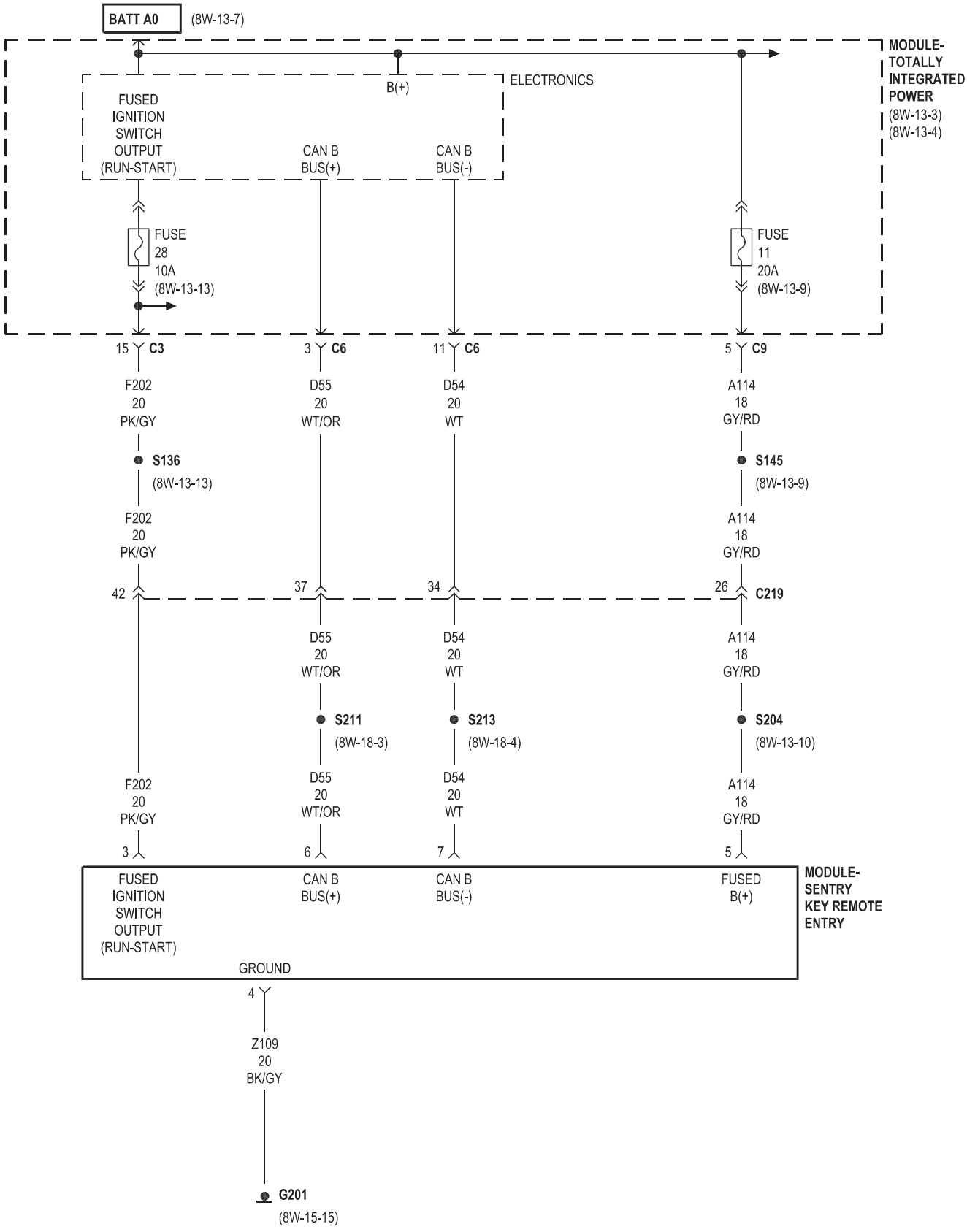
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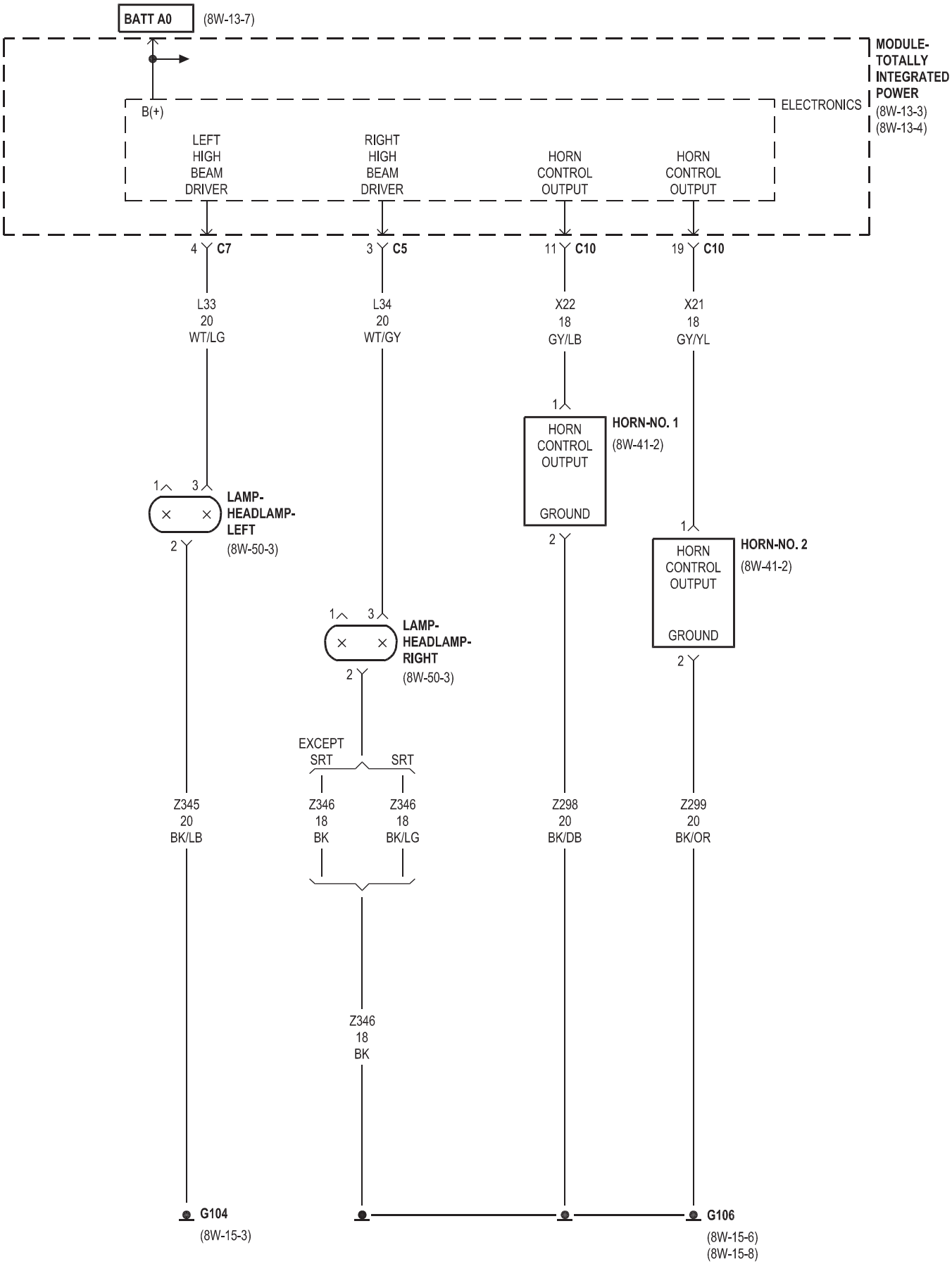
8W-39 VEHICLE THEFT SECURITY SYSTEM

Component	Page
Electronics	8W-39-2, 3
Fuse 11	8W-39-2
Fuse 28	8W-39-2
G104	8W-39-3
G106	8W-39-3
G201	8W-39-2
G303	8W-39-4, 5
Horn-No. 1	8W-39-3
Horn-No. 2	8W-39-3
Lamp-Headlamp-Left	8W-39-3
Lamp-Headlamp-Right	8W-39-3
Latch-Door-Driver	8W-39-5
Latch-Door-Left Rear	8W-39-5
Latch-Door-Passenger	8W-39-4
Latch-Door-Right Rear	8W-39-4
Module-Sentry Key Remote Entry	8W-39-2
Module-Totally Integrated Power	8W-39-2, 3

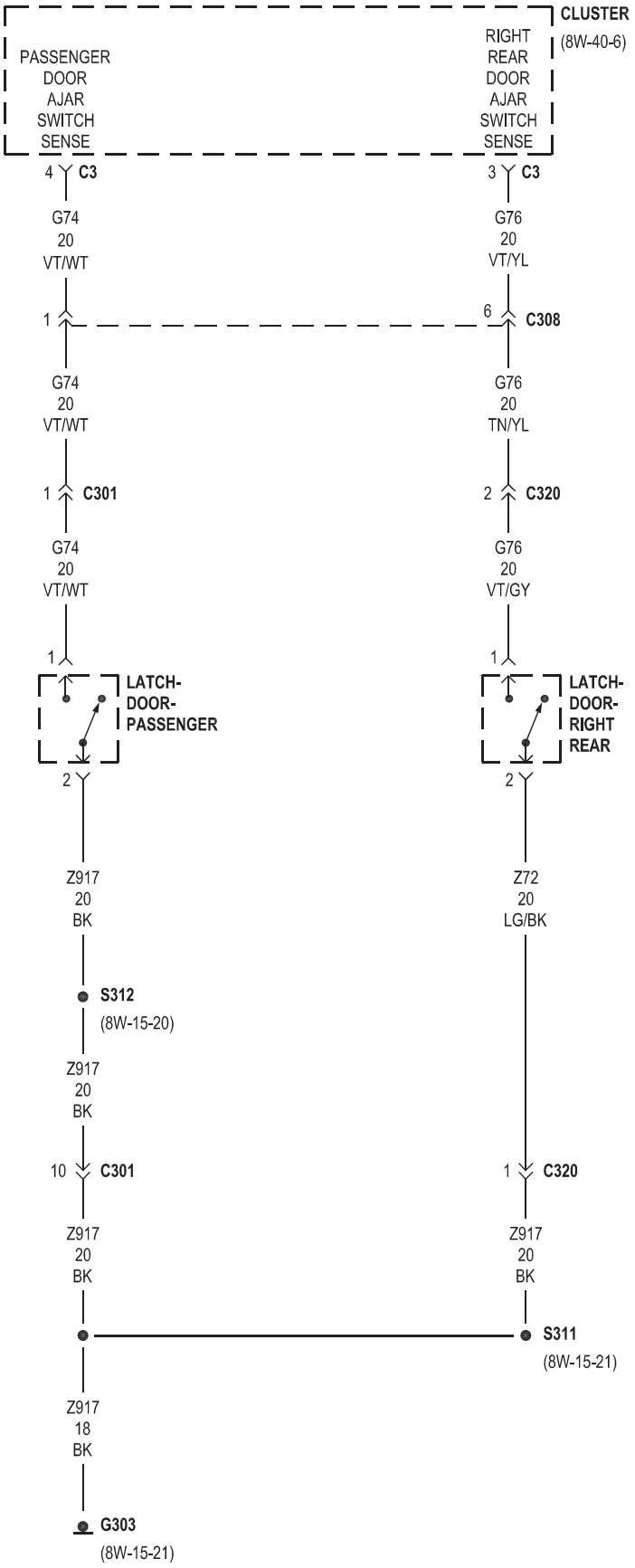
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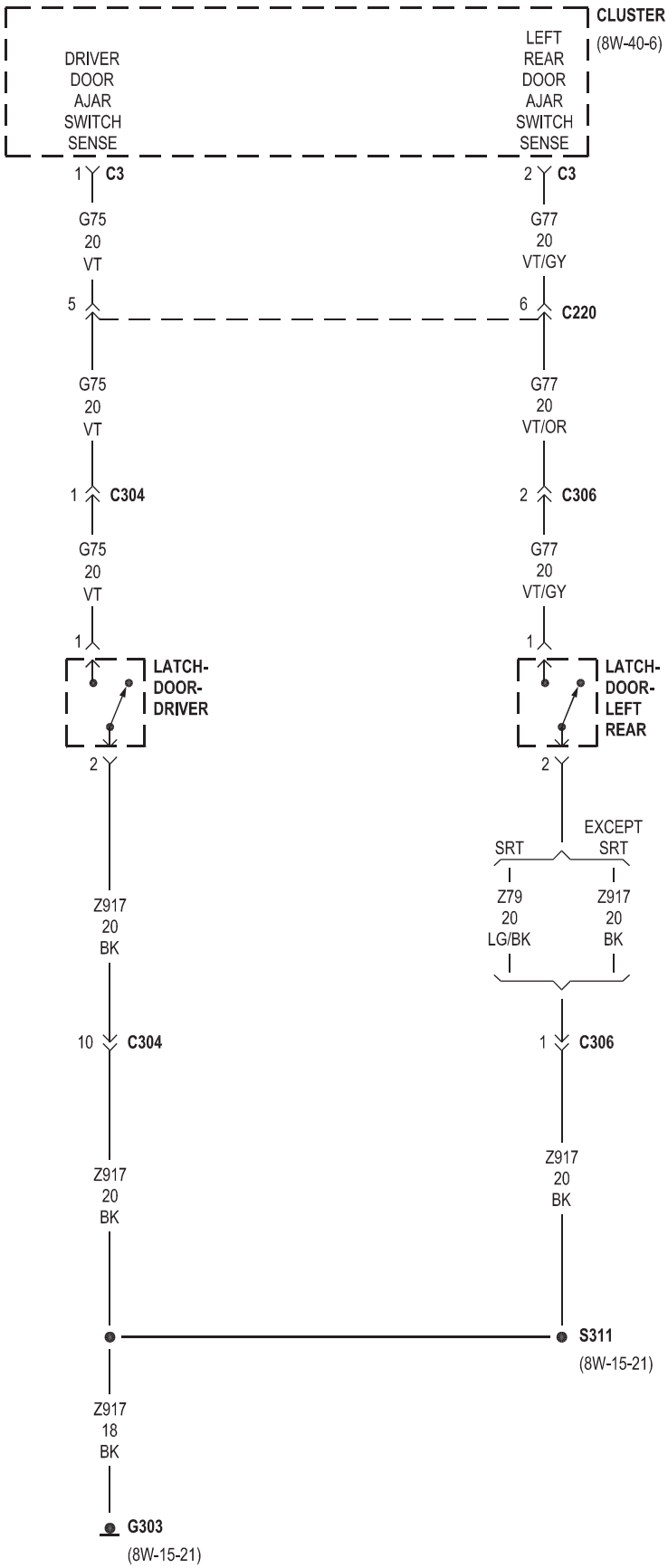
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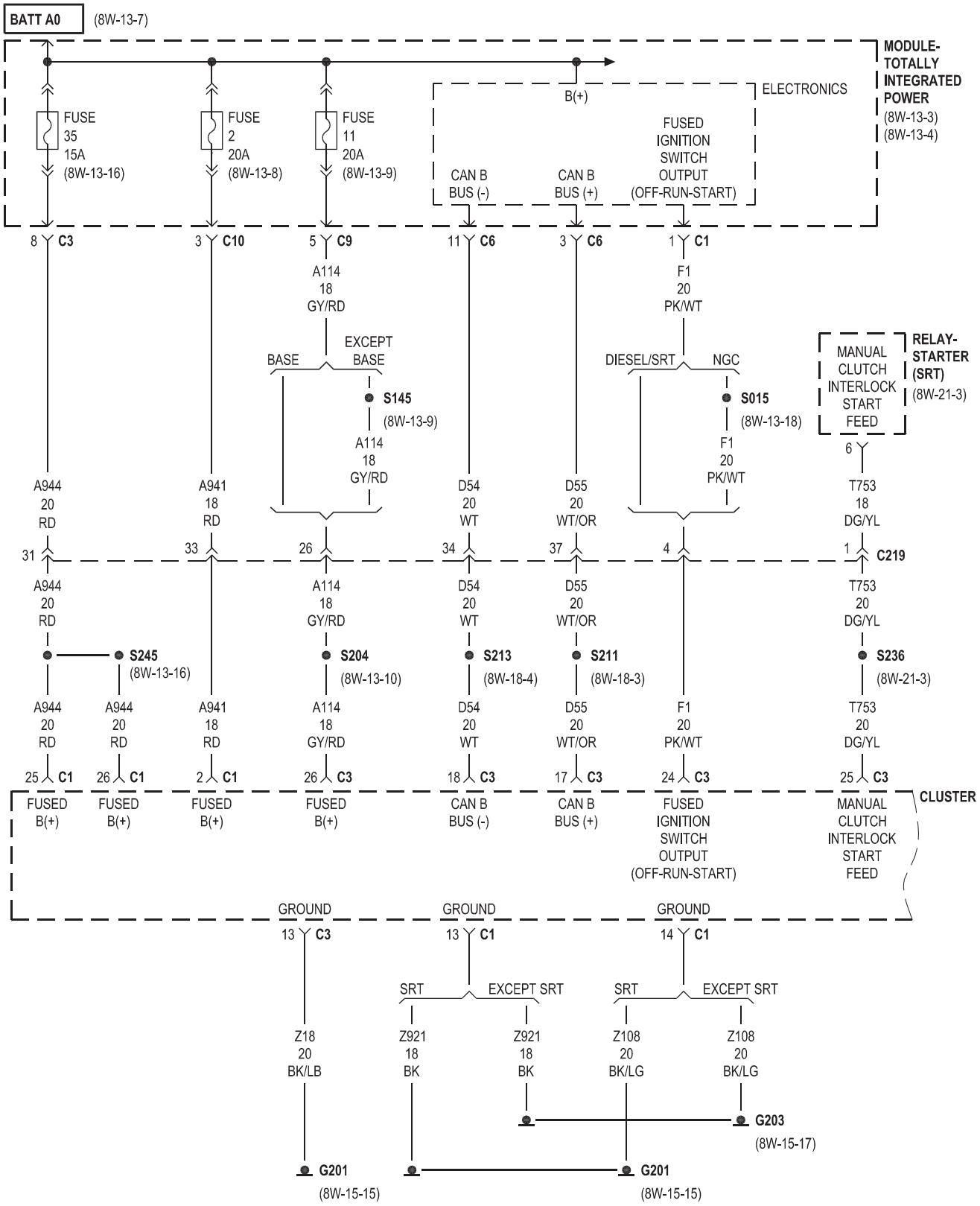
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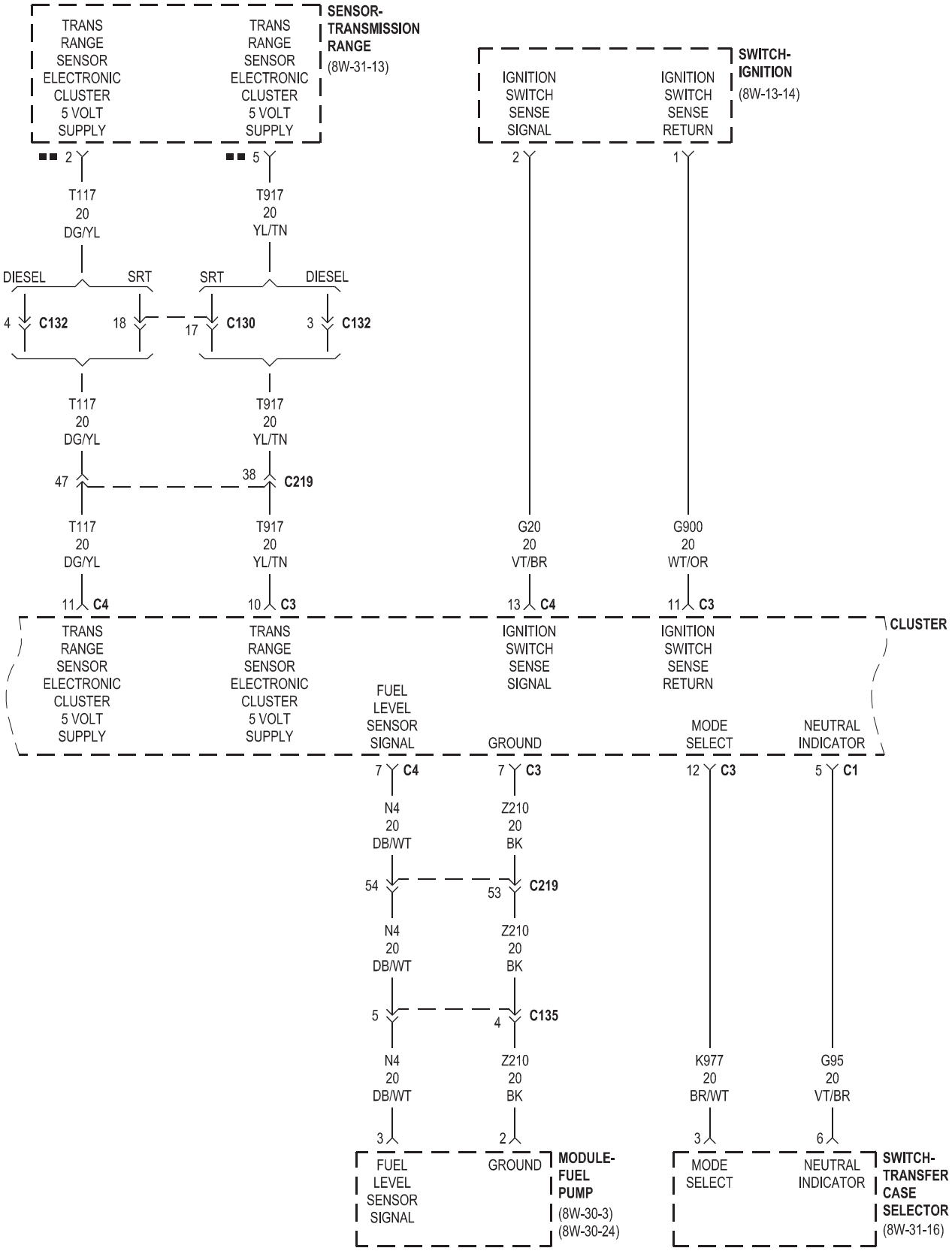
8W-40 INSTRUMENT CLUSTER

Component	Page
Cluster	8W-40-2, 3, 4, 5, 6, 7, 8, 9, 10
Control-A/C-Heater	8W-40-8
Electronics	8W-40-2
Fuse 11	8W-40-2
Fuse 2	8W-40-2
Fuse 29	8W-40-10
Fuse 35	8W-40-2
G201	8W-40-2, 10
G203	8W-40-2, 4
G303	8W-40-6
Gauge-Engine Oil Temperature	8W-40-9, 10
Lamp-Dome-Rear	8W-40-8
Lamp-Glove Box	8W-40-8
Lamp-High Mounted Stop/Cargo	8W-40-8
Lamp-Reading-Front	8W-40-8
Latch-Door-Driver	8W-40-6, 7
Latch-Door-Left Rear	8W-40-7
Latch-Door-Passenger	8W-40-6
Latch-Door-Right Rear	8W-40-6
Module-Fuel Pump	8W-40-3
Module-Totally Integrated Power	8W-40-2, 10
Relay-Starter	8W-40-2
Sensor-Engine Oil Temperature	8W-40-10
Sensor-Transmission Range	8W-40-3
Solenoid-Brake Transmission Shift Interlock	8W-40-9
Switch-Disconnecting Stabilizer Bar	8W-40-9
Switch-Door Lock-Passenger	8W-40-6
Switch-Headlamp	8W-40-4
Switch-Heated Seat-Driver	8W-40-8
Switch-Horn	8W-40-9
Switch-Ignition	8W-40-3
Switch-Multifunction	8W-40-5
Switch-Parking Brake	8W-40-9
Switch-Power Sliding Backlite	8W-40-8
Switch-Remote Radio-Left	8W-40-9
Switch-Remote Radio-Right	8W-40-9
Switch-Seat Belt-Driver	8W-40-4
Switch-Transfer Case Selector	8W-40-3, 9
Switch-Window/Door Lock-Driver	8W-40-7

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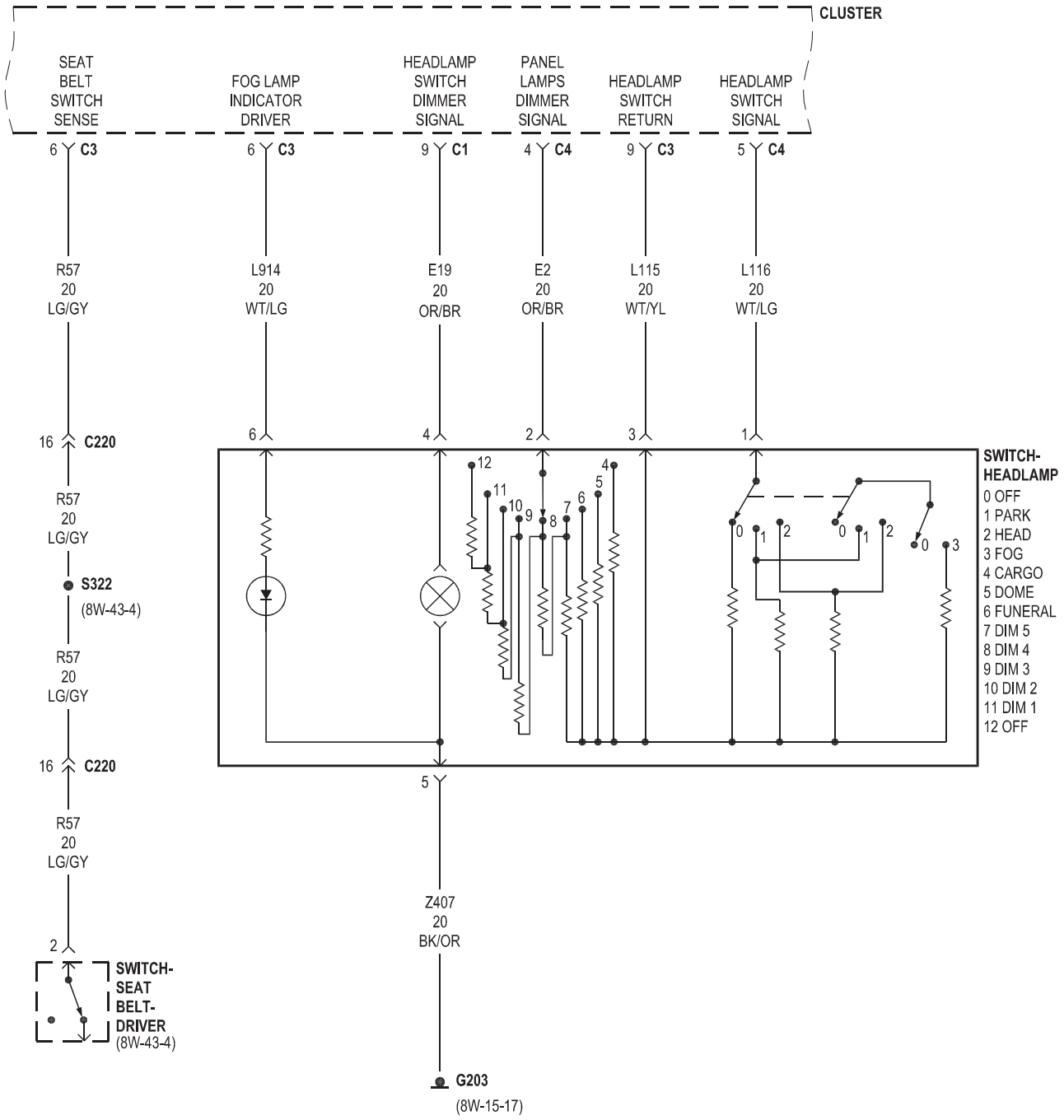


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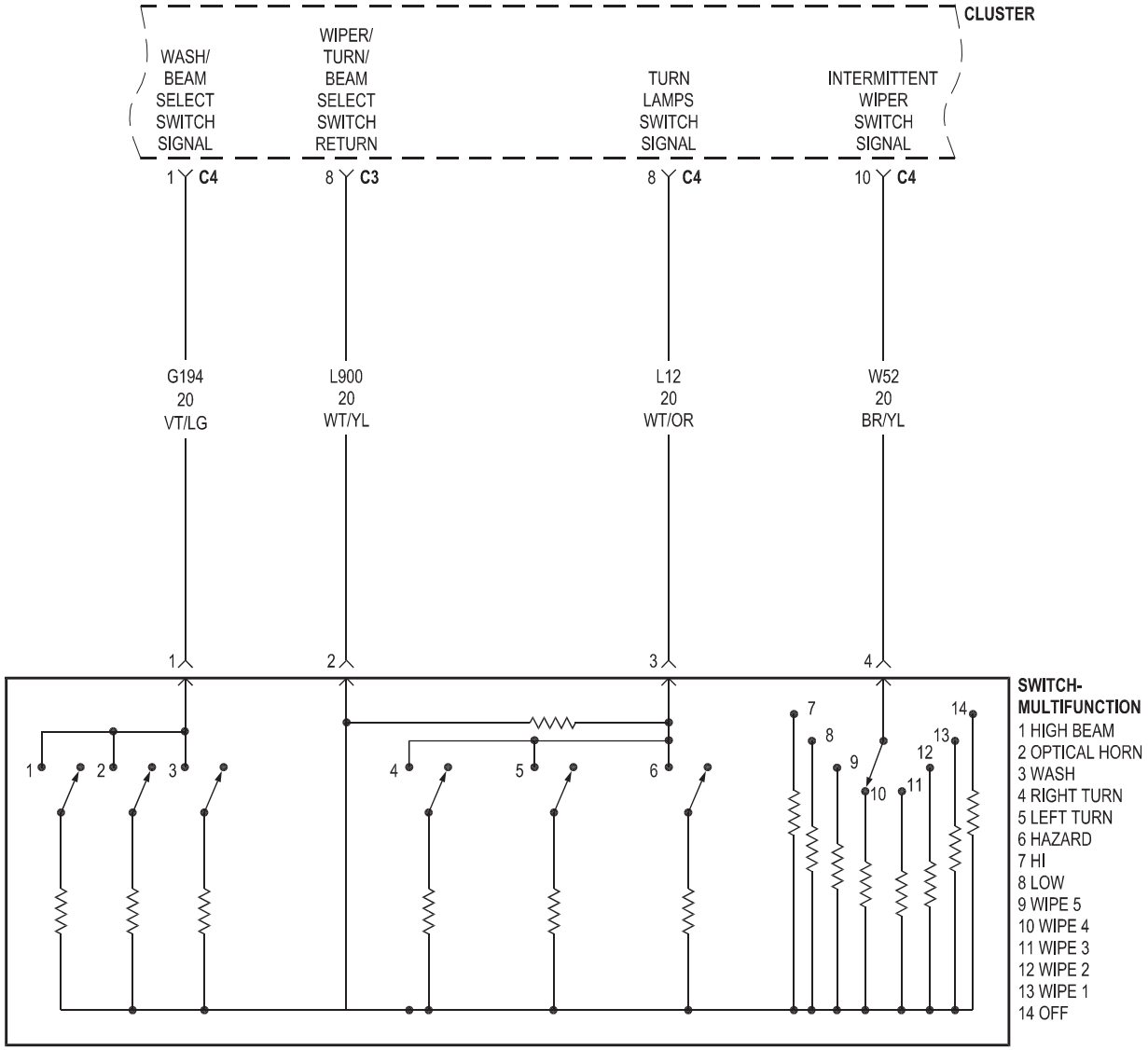


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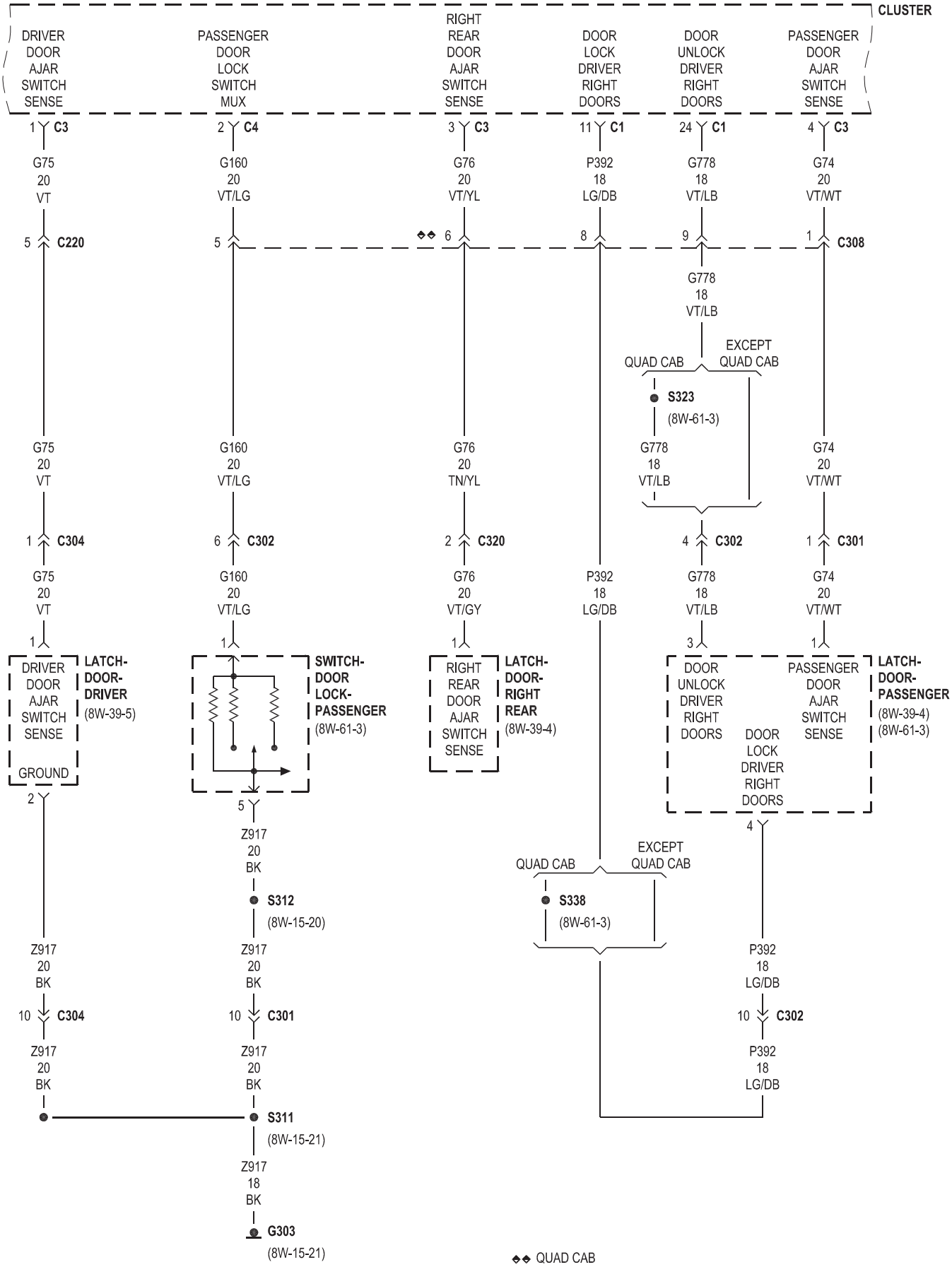
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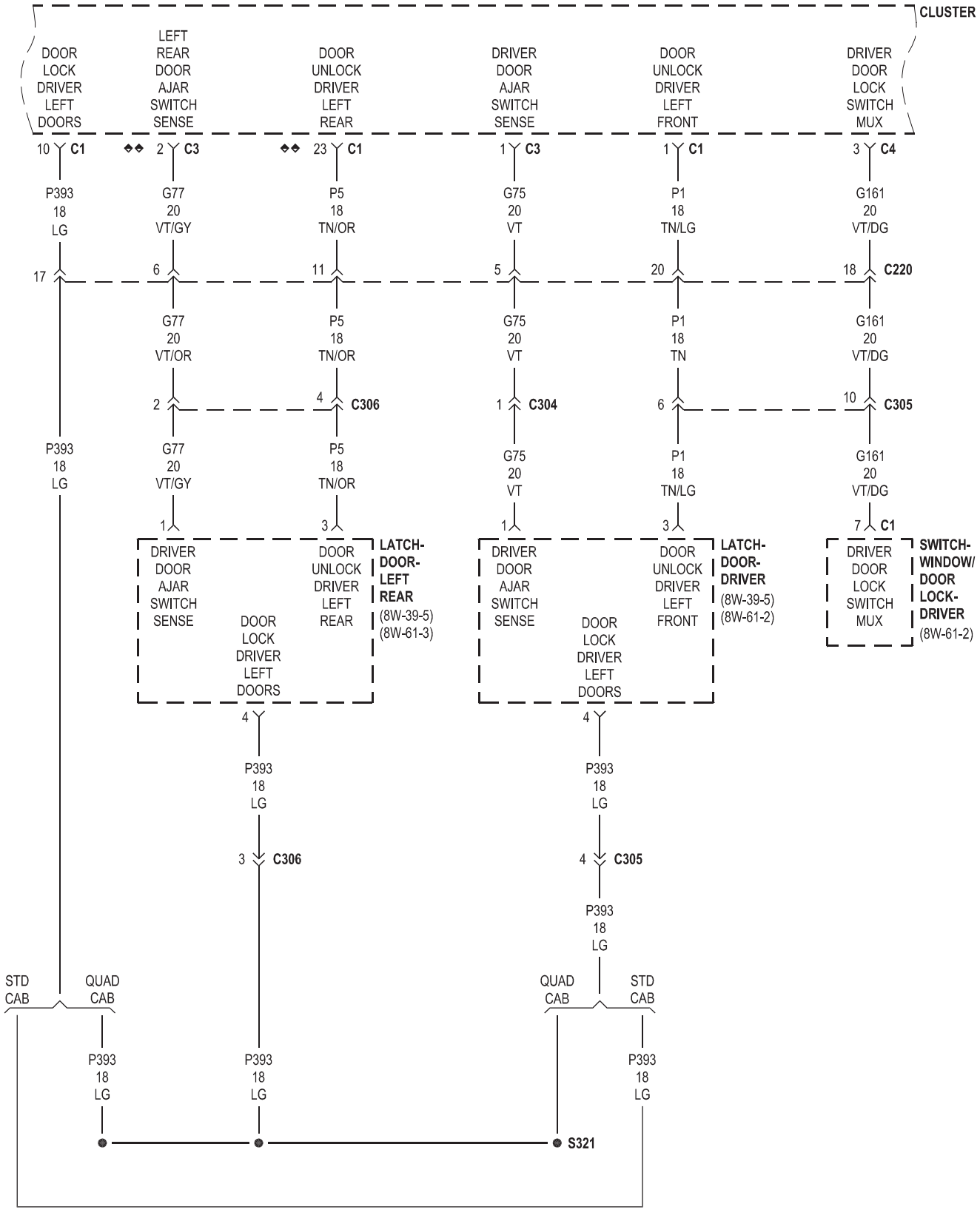
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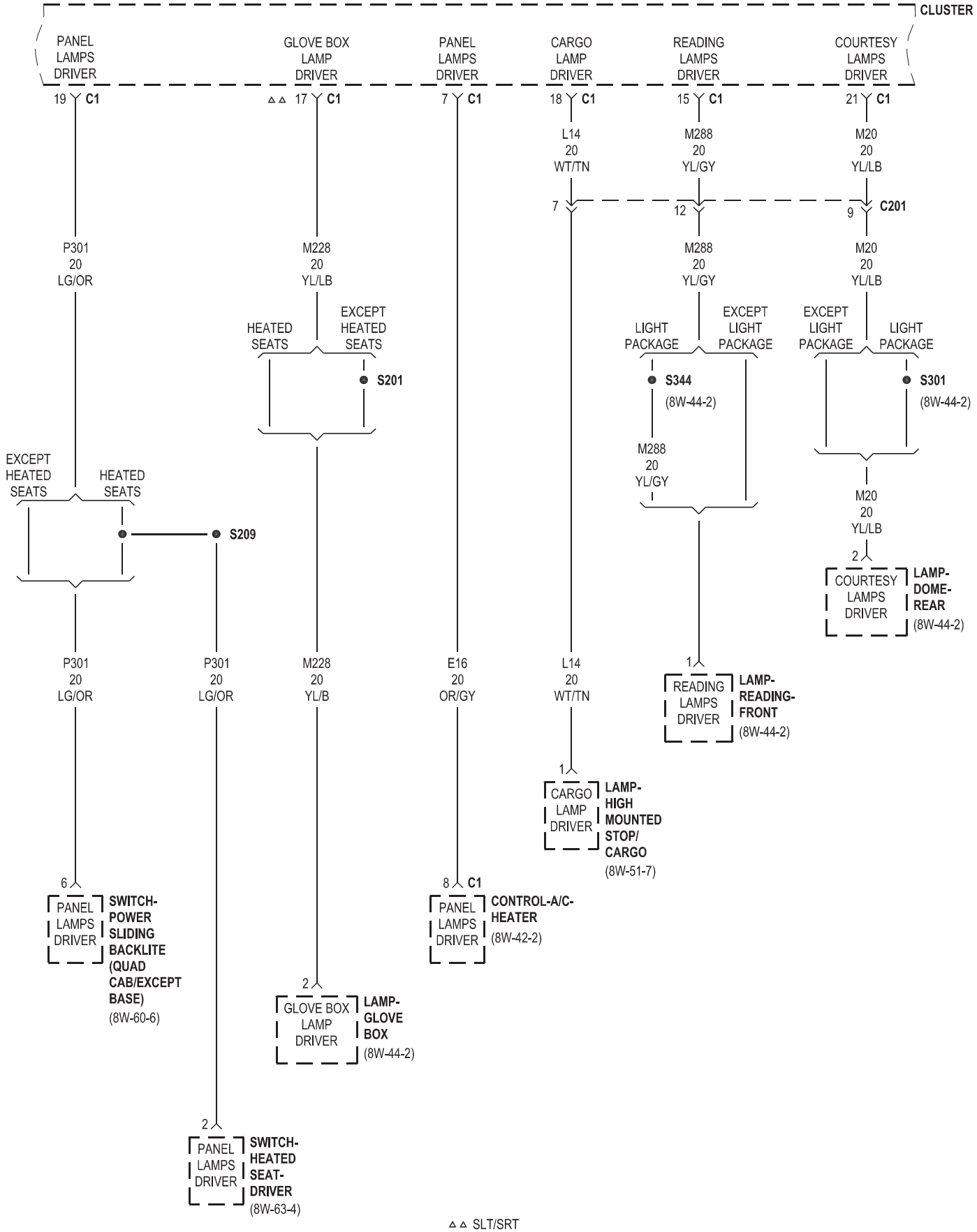


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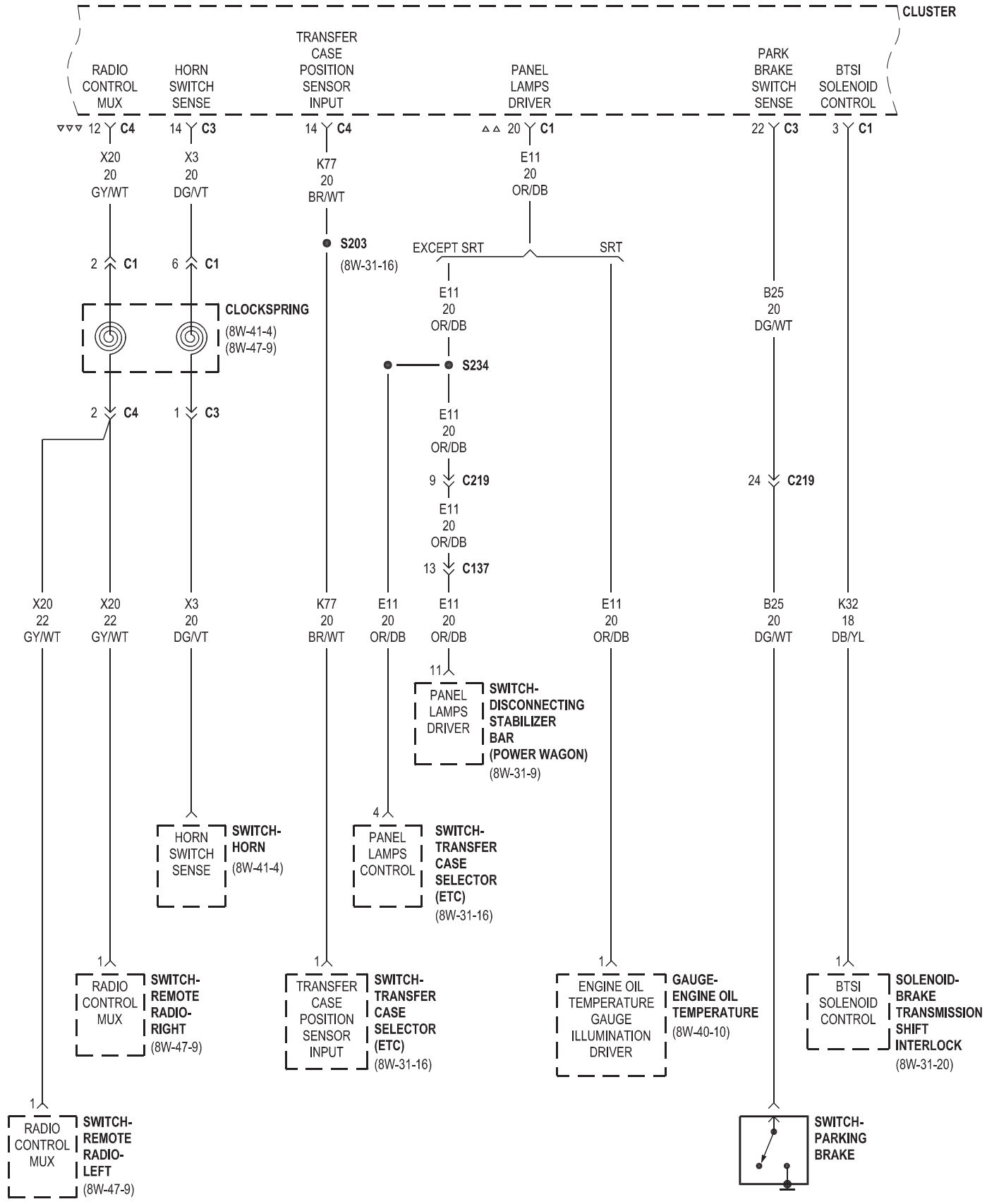


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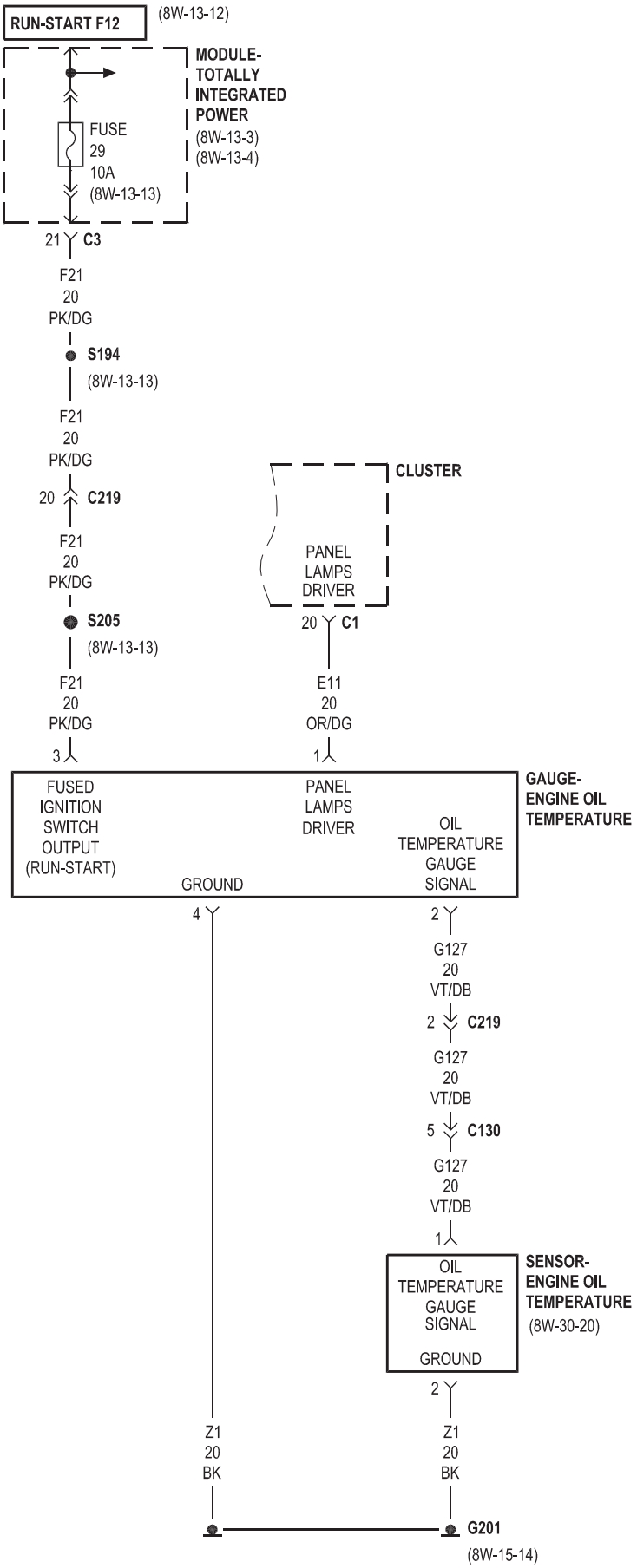
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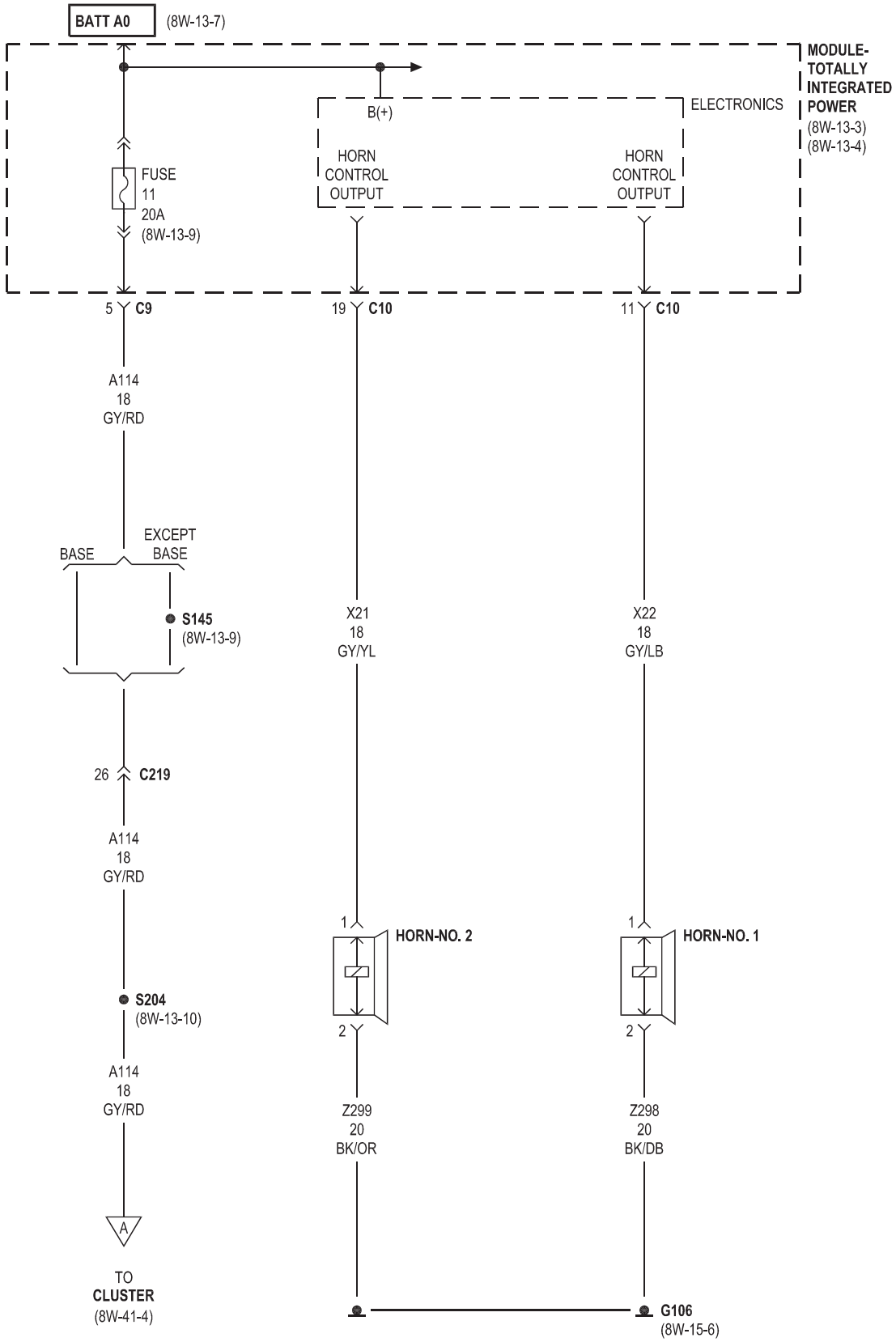


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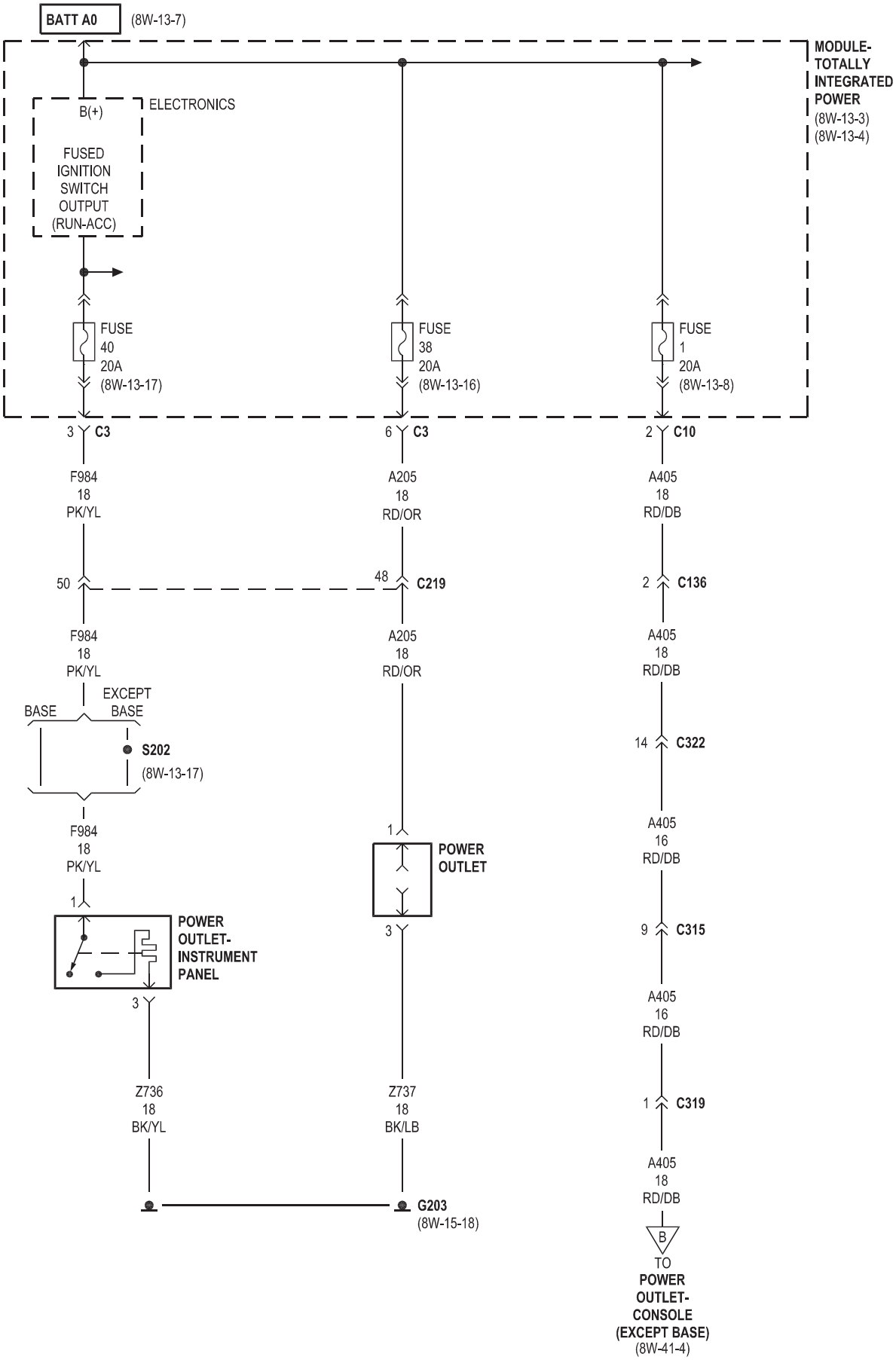
8W-41 HORN/CIGAR LIGHTER/POWER OUTLET

Component	Page
Cluster	8W-41-2, 4
Electronics	8W-41-2, 3
Fuse 1	8W-41-3
Fuse 11	8W-41-2
Fuse 38	8W-41-3
Fuse 40	8W-41-3
G106	8W-41-2
G203	8W-41-3
G302	8W-41-4
Horn-No. 1	8W-41-2
Horn-No. 2	8W-41-2
Module-Totally Integrated Power	8W-41-2, 3
Power Outlet	8W-41-3
Power Outlet-Console	8W-41-3, 4
Power Outlet-Instrument Panel	8W-41-3
Switch-Horn	8W-41-4

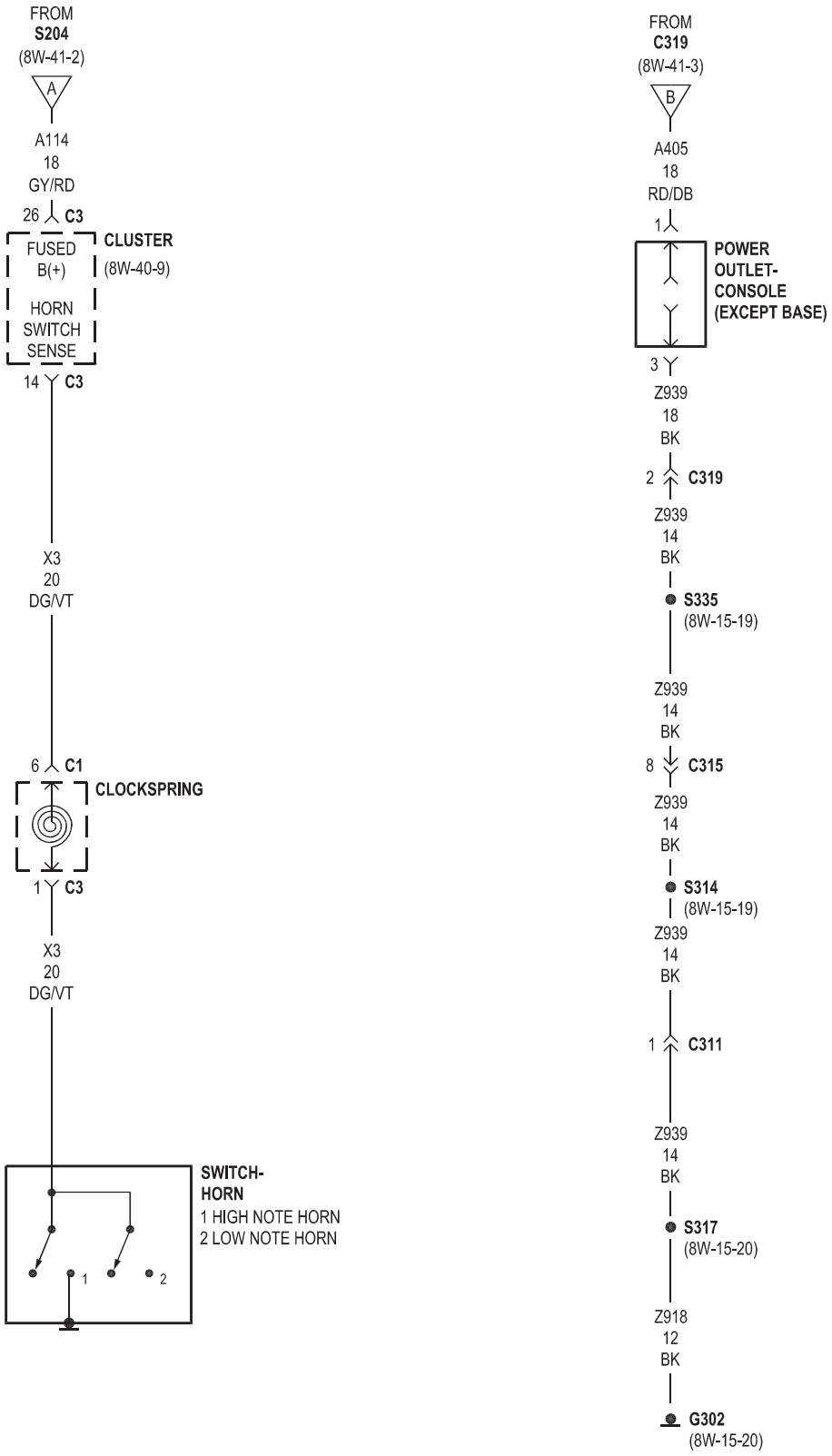
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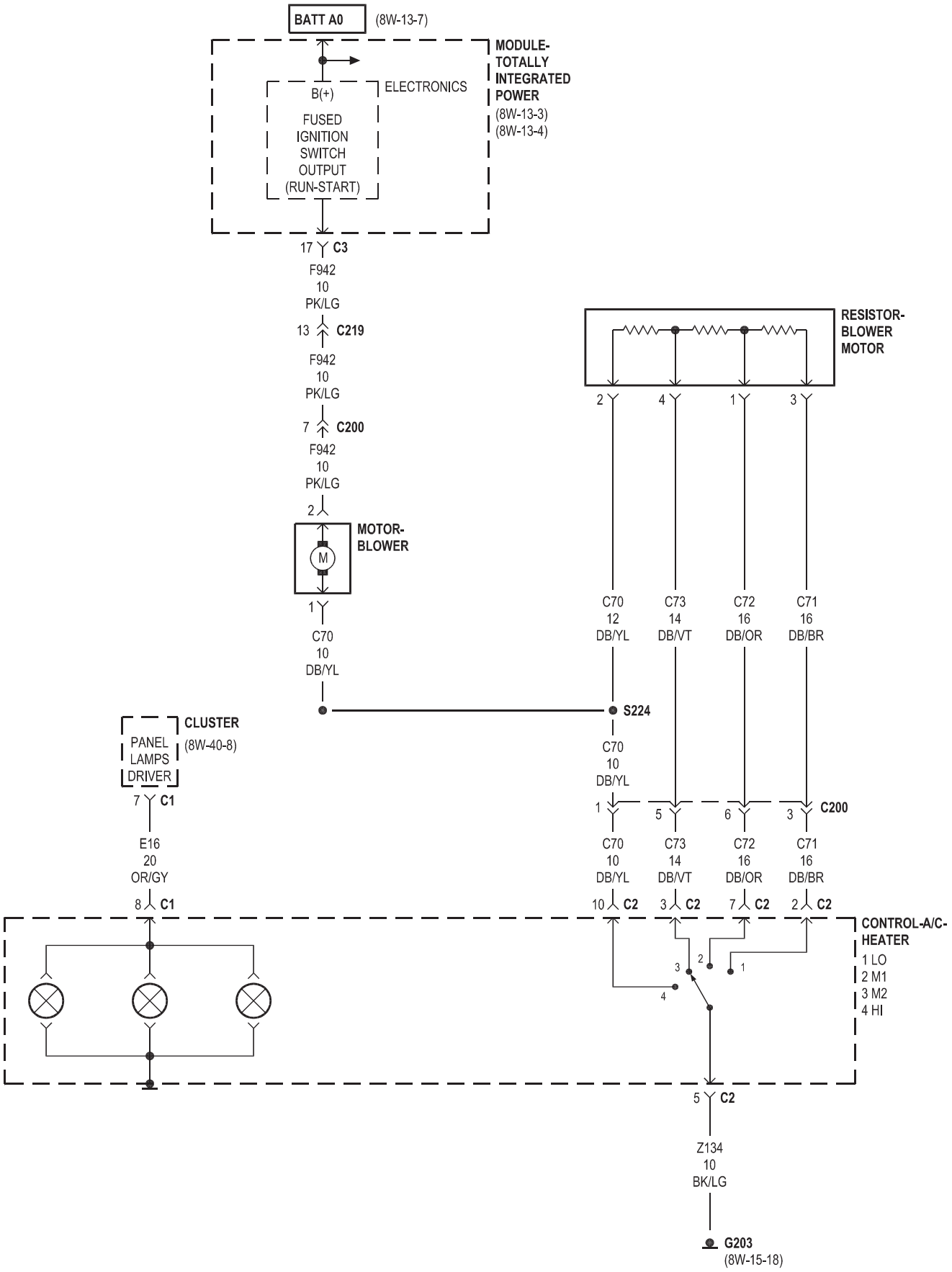


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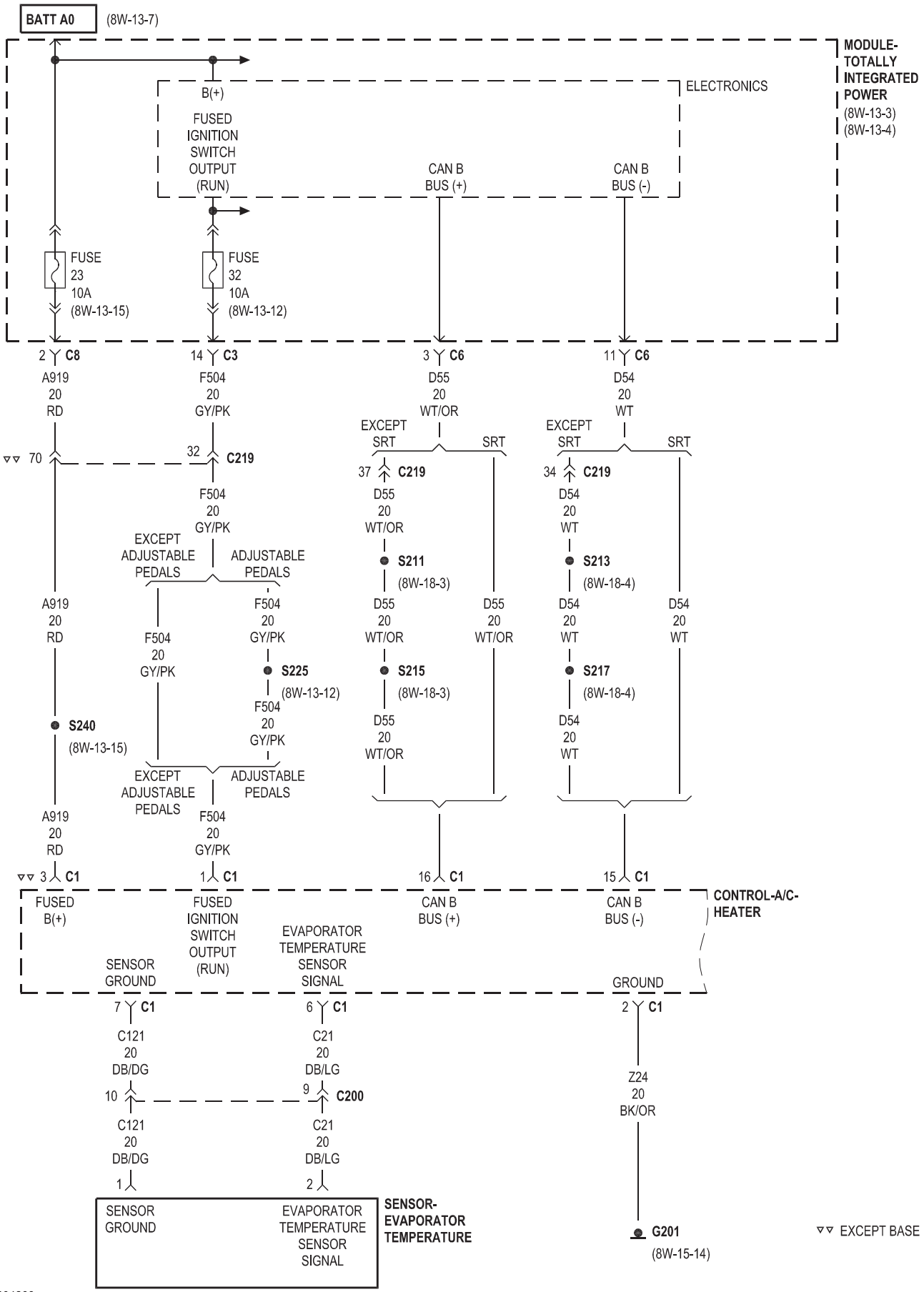
8W-42 AIR CONDITIONING

Component	Page
Actuator-Blend Door-Driver	8W-42-4
Actuator-Blend Door-Passenger	8W-42-4
Actuator-Mode Door 1	8W-42-4, 5
Actuator-Mode Door 2	8W-42-4, 5
Actuator-Recirculation Door	8W-42-4, 5
Cluster	8W-42-2
Clutch-A/C Compressor	8W-42-6
Control-A/C-Heater	8W-42-2, 3, 4, 5
Data Link Connector	8W-42-7
Electronics	8W-42-2, 3, 6, 8
Fuse 23	8W-42-3
Fuse 32	8W-42-3
G106	8W-42-8
G107	8W-42-6
G110	8W-42-6
G120	8W-42-6
G201	8W-42-3
G203	8W-42-2
Module-Engine Control	8W-42-6
Module-Gateway	8W-42-7
Module-Powertrain Control	8W-42-6, 7
Module-Totally Integrated Power	8W-42-2, 3, 6, 8
Motor-Blower	8W-42-2
Motor-Condenser Fan	8W-42-8
Resistor Block-Blower Motor	8W-42-2
Sensor-Evaporator Temperature	8W-42-3
Transducer-A/C Pressure	8W-42-7, 8

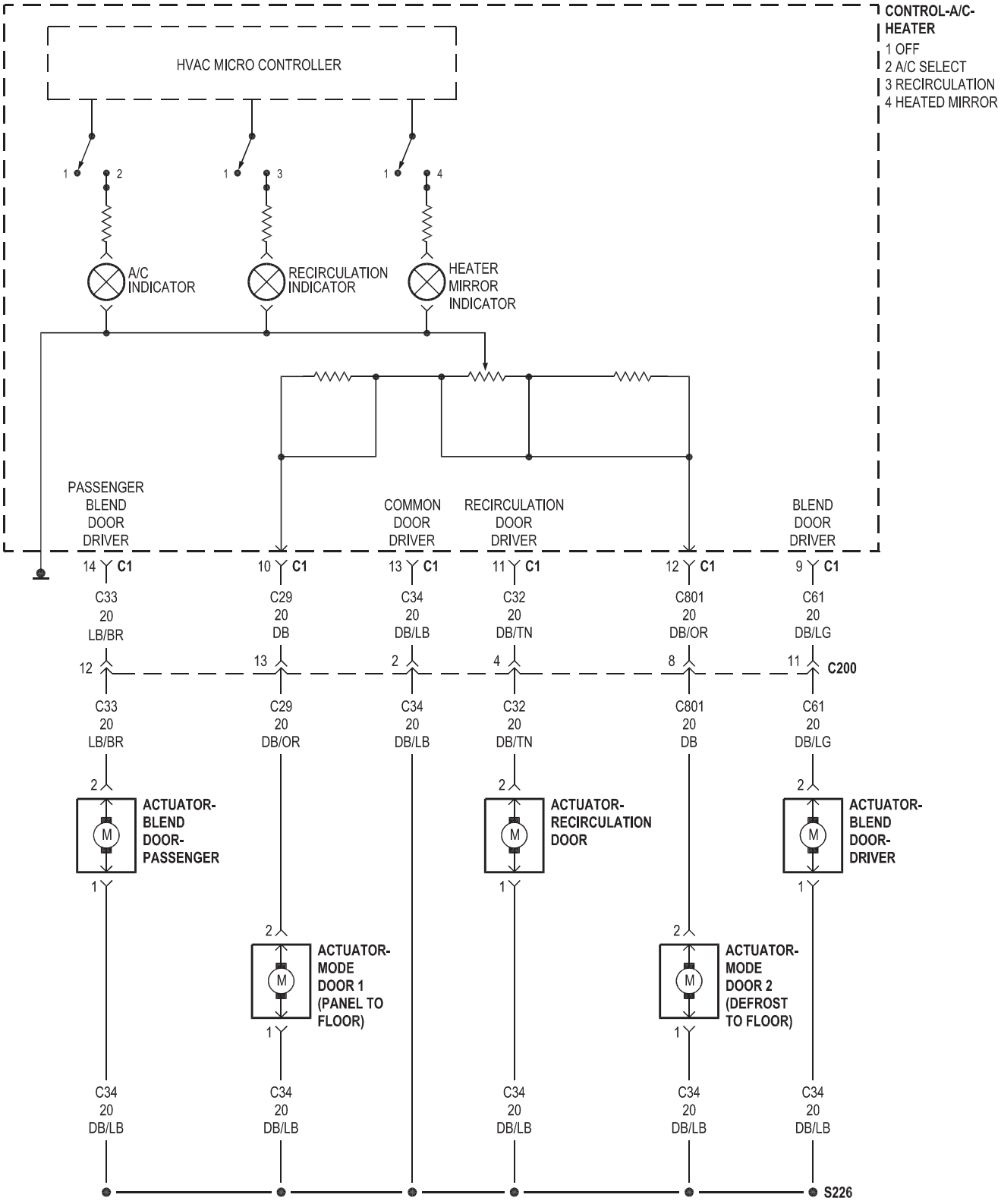
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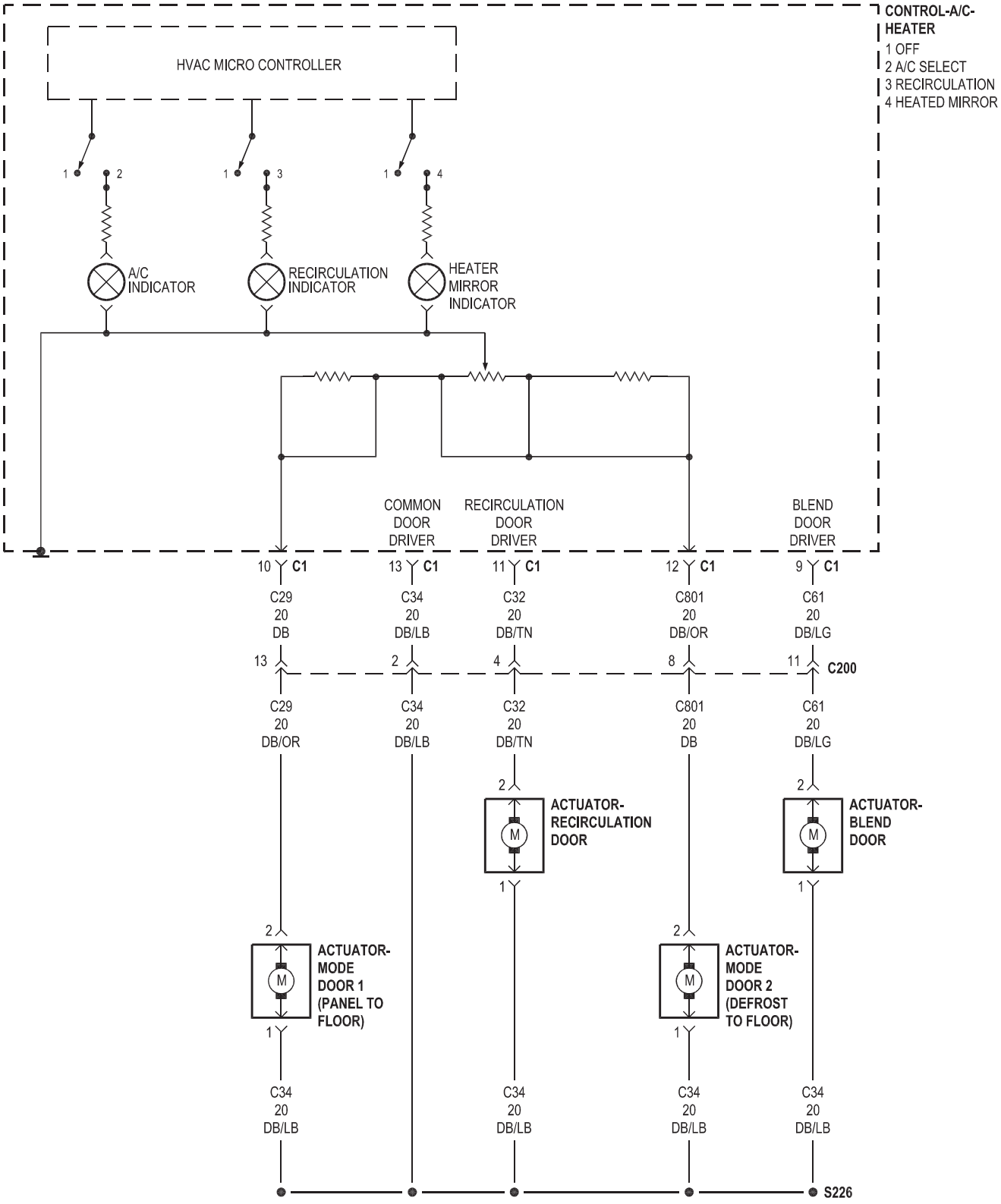


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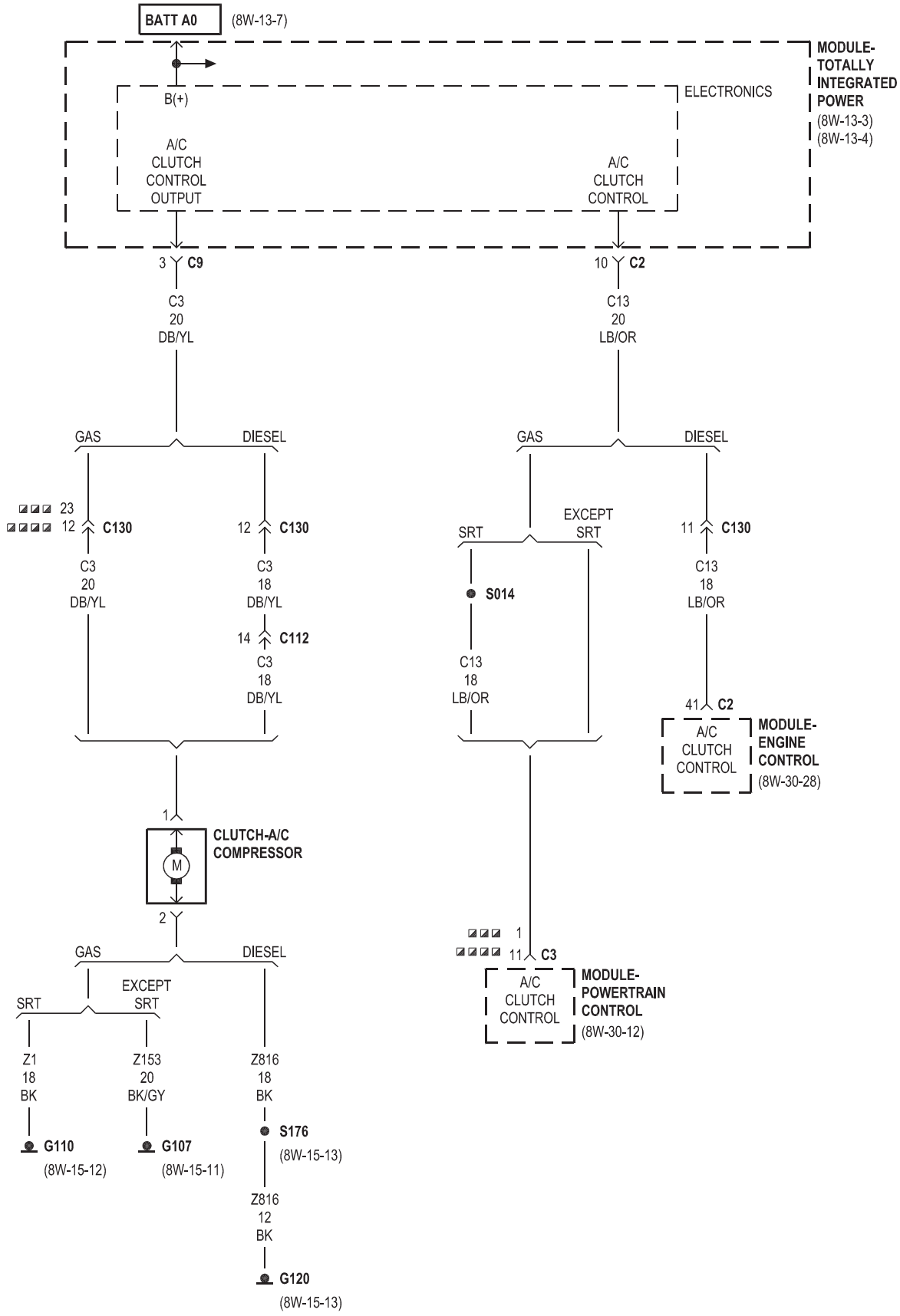


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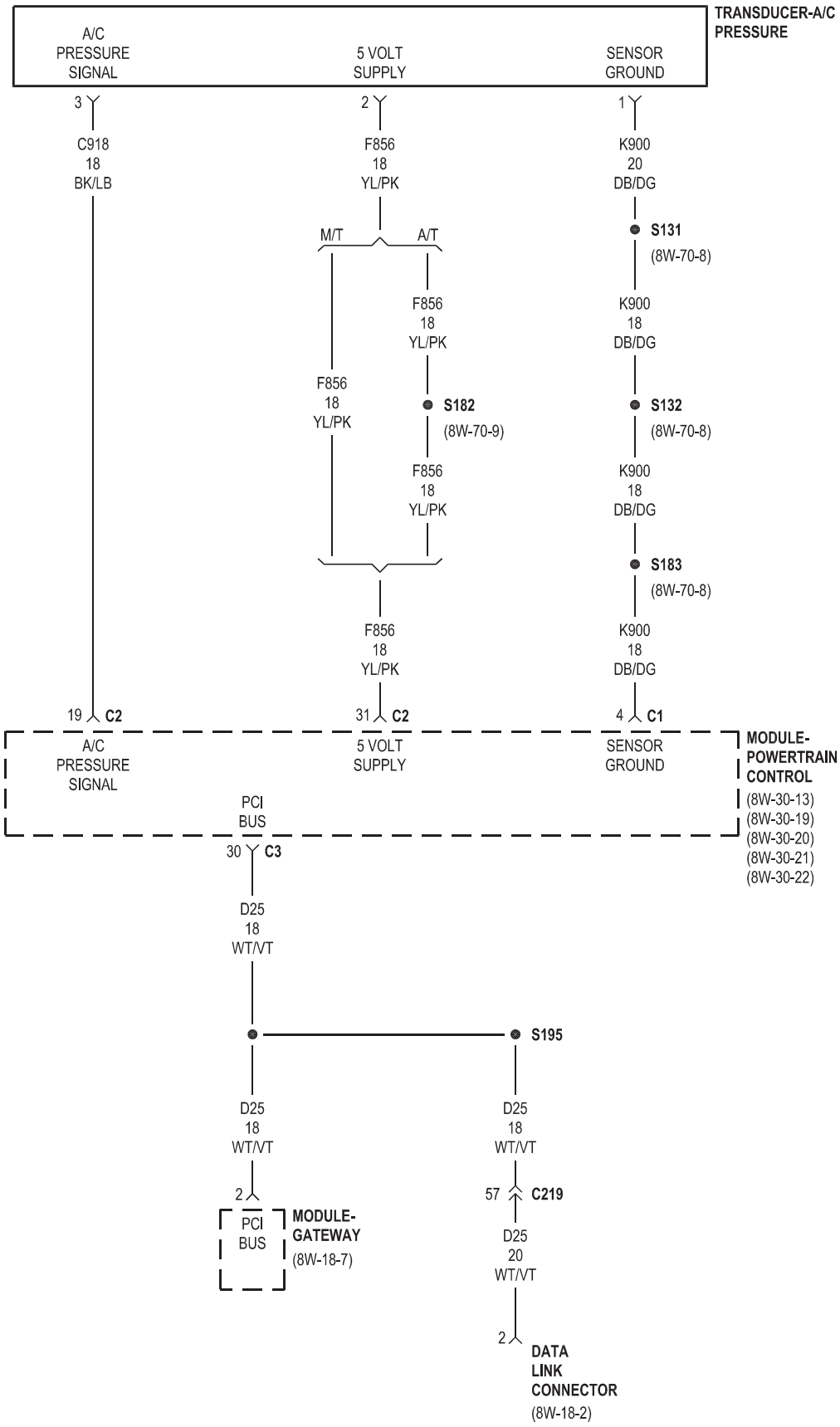
SINGLE ZONE



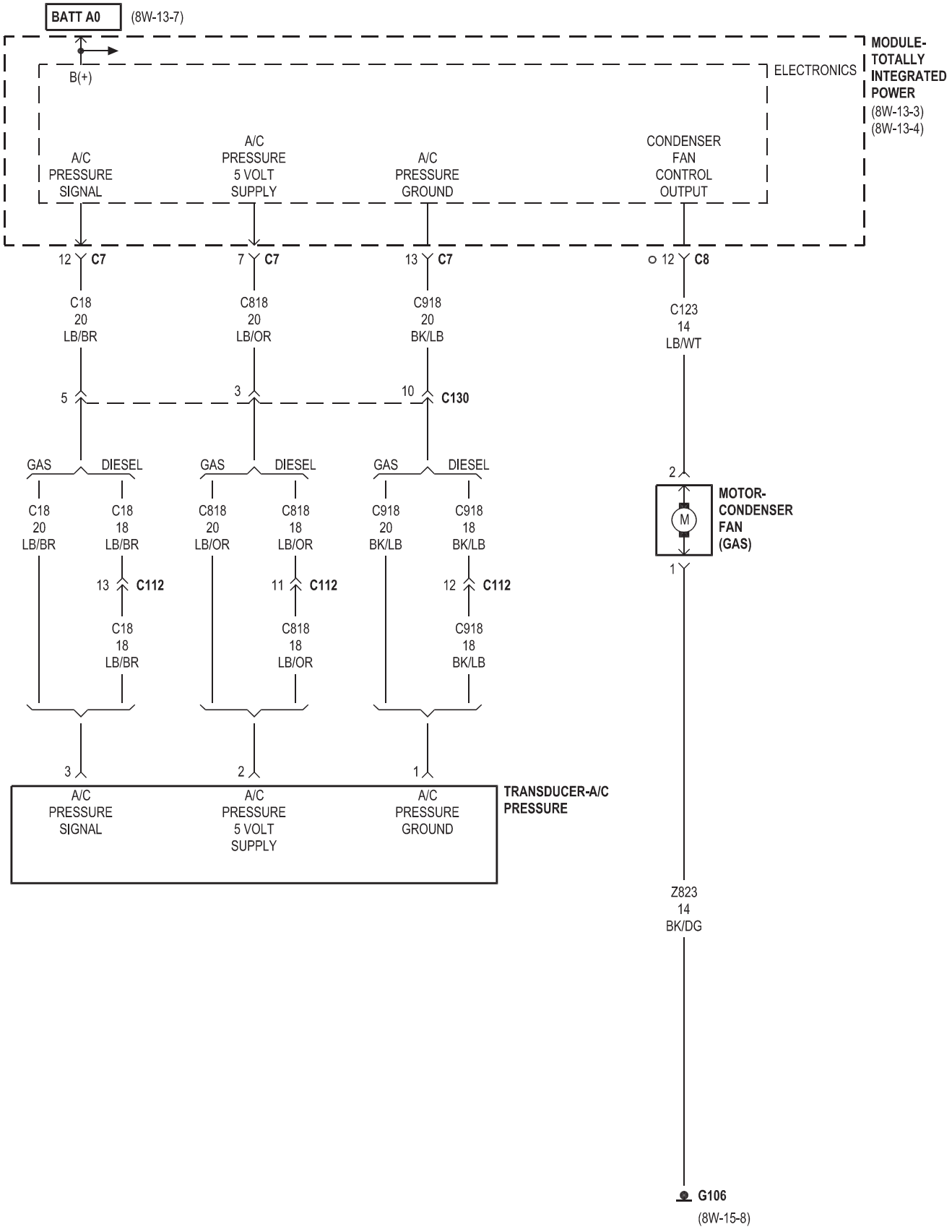
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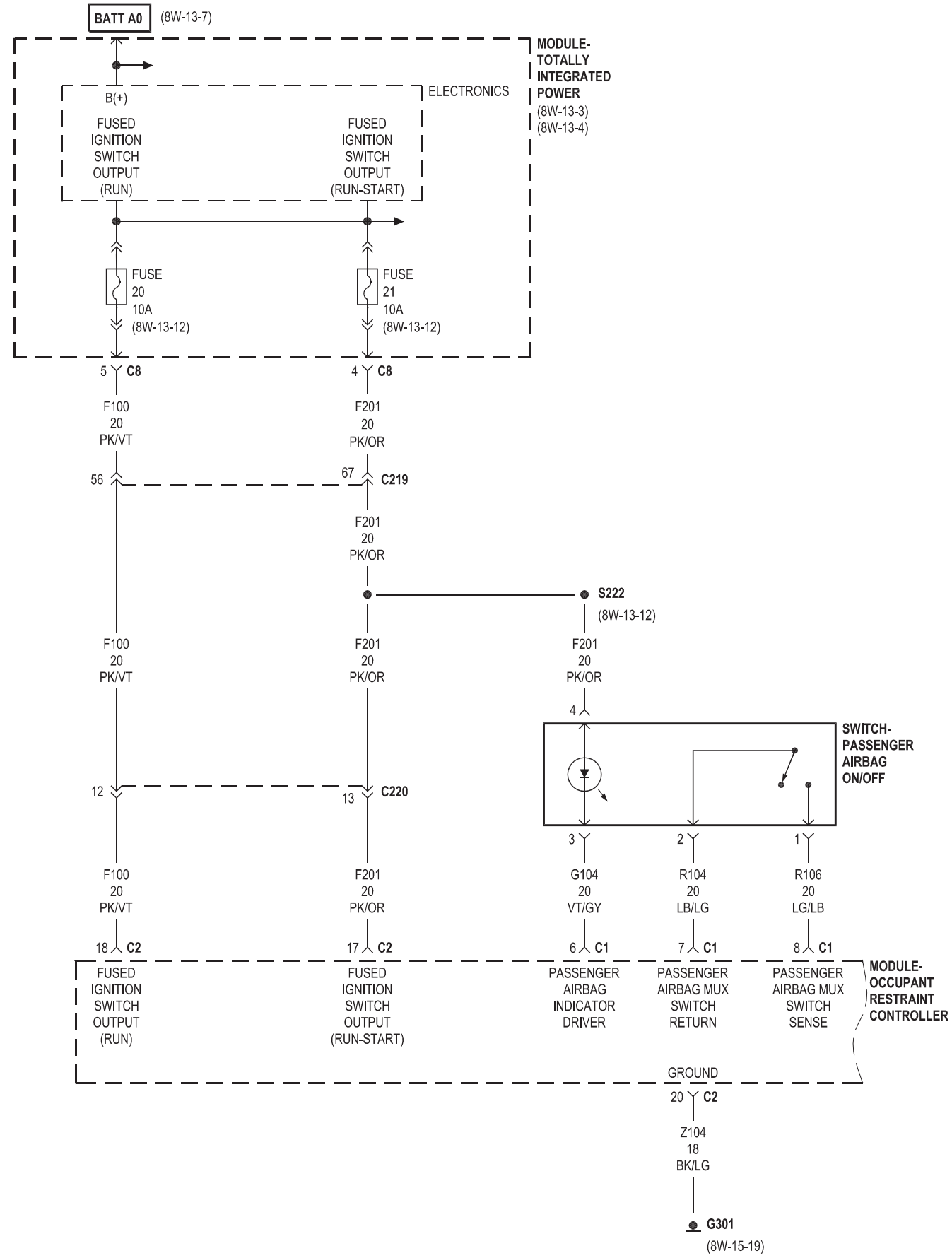


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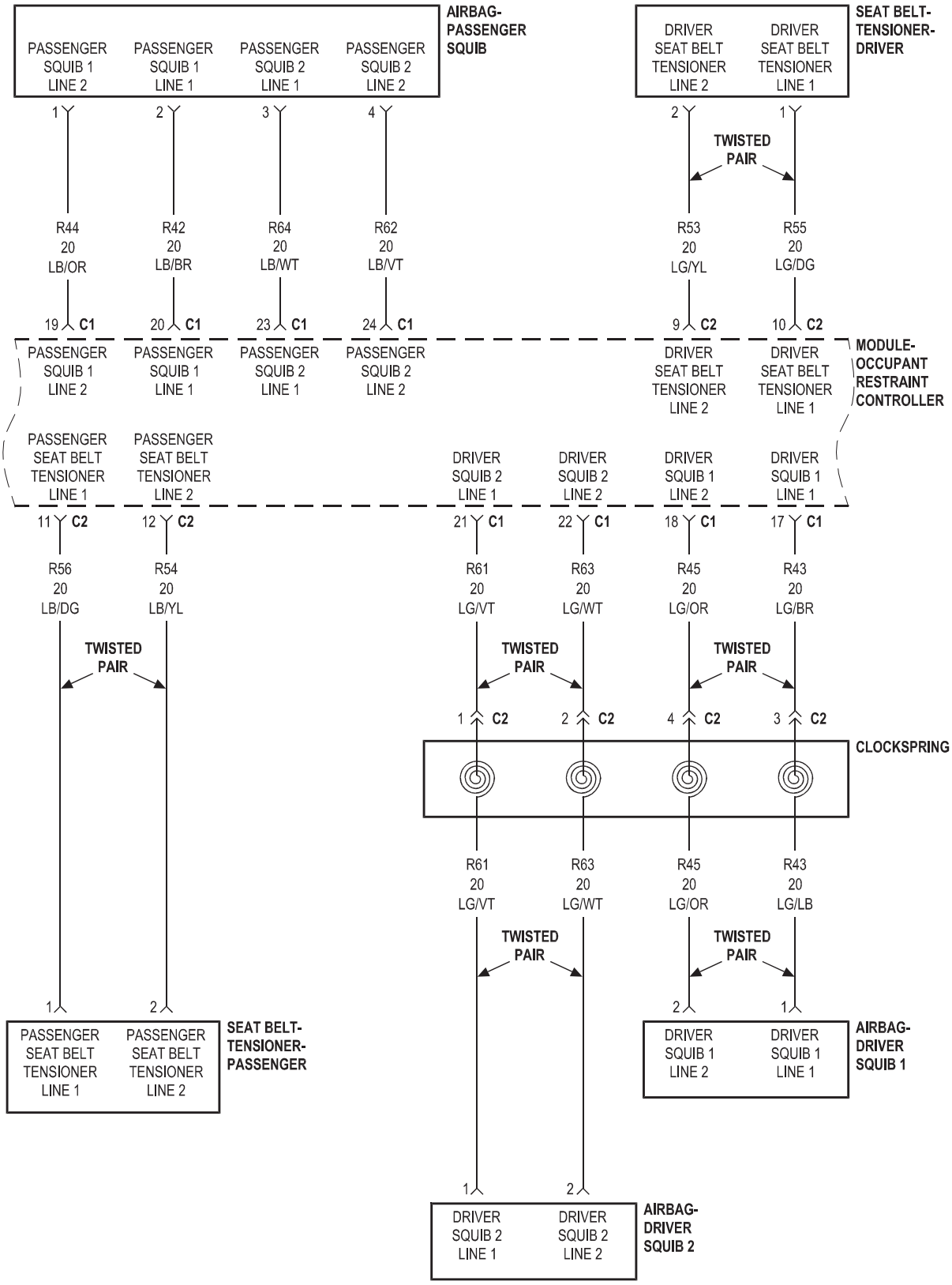
8W-43 OCCUPANT RESTRAINT SYSTEM

Component	Page
Airbag-Driver Squib 2	8W-43-3
Airbag-Passenger Squib	8W-43-3
Airbag-Side Curtain-Left	8W-43-4
Airbag-Side Curtain-Right	8W-43-4
Clockspring	8W-43-3
Cluster	8W-43-4
Electronics	8W-43-2, 4, 5
Fuse 20	8W-43-2
Fuse 21	8W-43-2
Fuse 39	8W-43-4
G301	8W-43-2
G303	8W-43-4
Module-Occupant Restraint Controller	8W-43-2, 3, 4, 5
Module-Totally Integrated Power	8W-43-2, 4, 5
Seat Belt Tensioner-Driver	8W-43-3
Seat Belt-Tension Reducer-Driver	8W-43-4
Seat Belt-Tensioner-Passenger	8W-43-3
Sensor-Front Impact-Left	8W-43-5
Sensor-Front Impact-Right	8W-43-5
Sensor-Seat Track Position-Driver	8W-43-5
Sensor-Side Impact-Left 1	8W-43-4
Sensor-Side Impact-Right 1	8W-43-4
Switch-Passenger Airbag On/Off	8W-43-2
Switch-Seat Belt-Driver	8W-43-4

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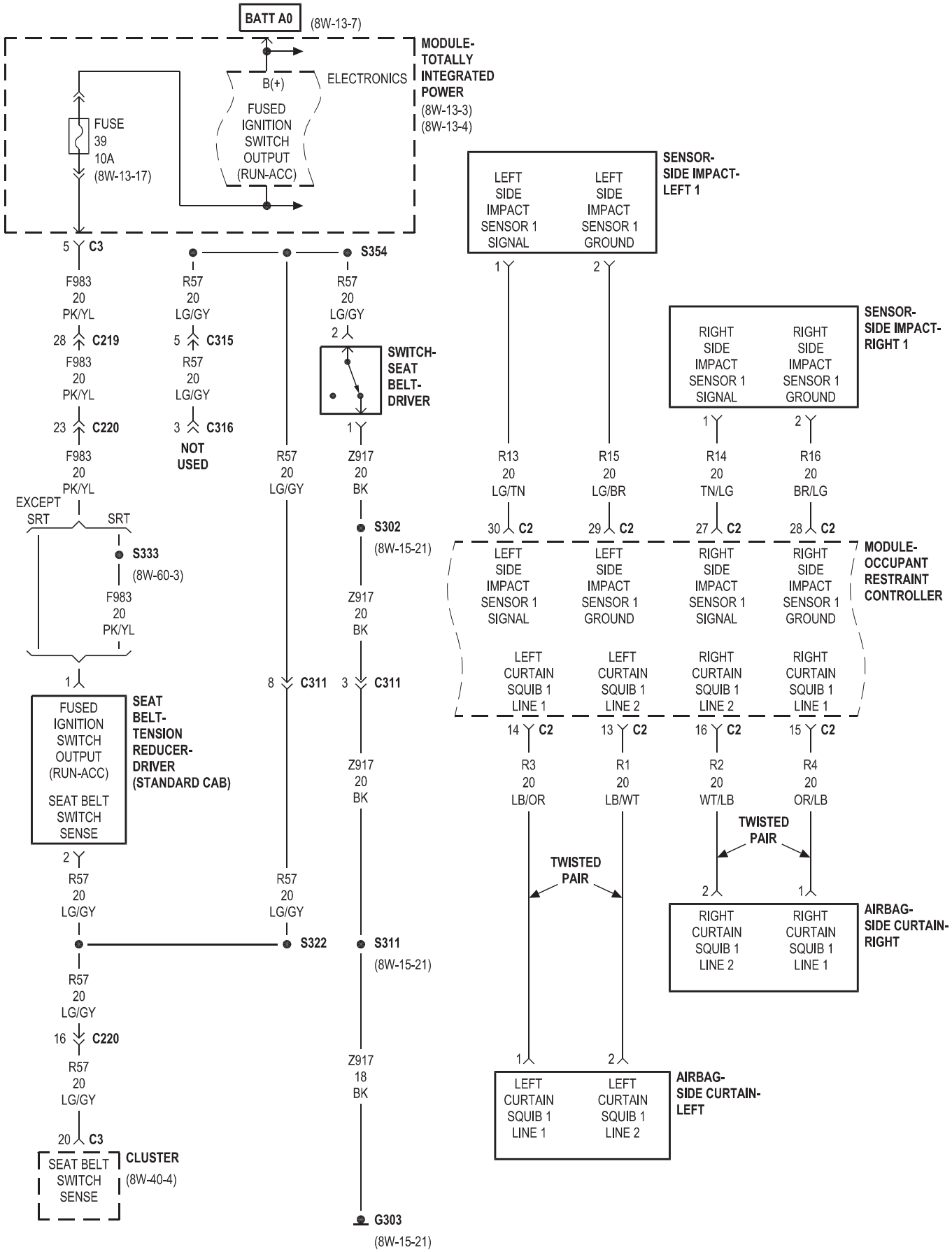


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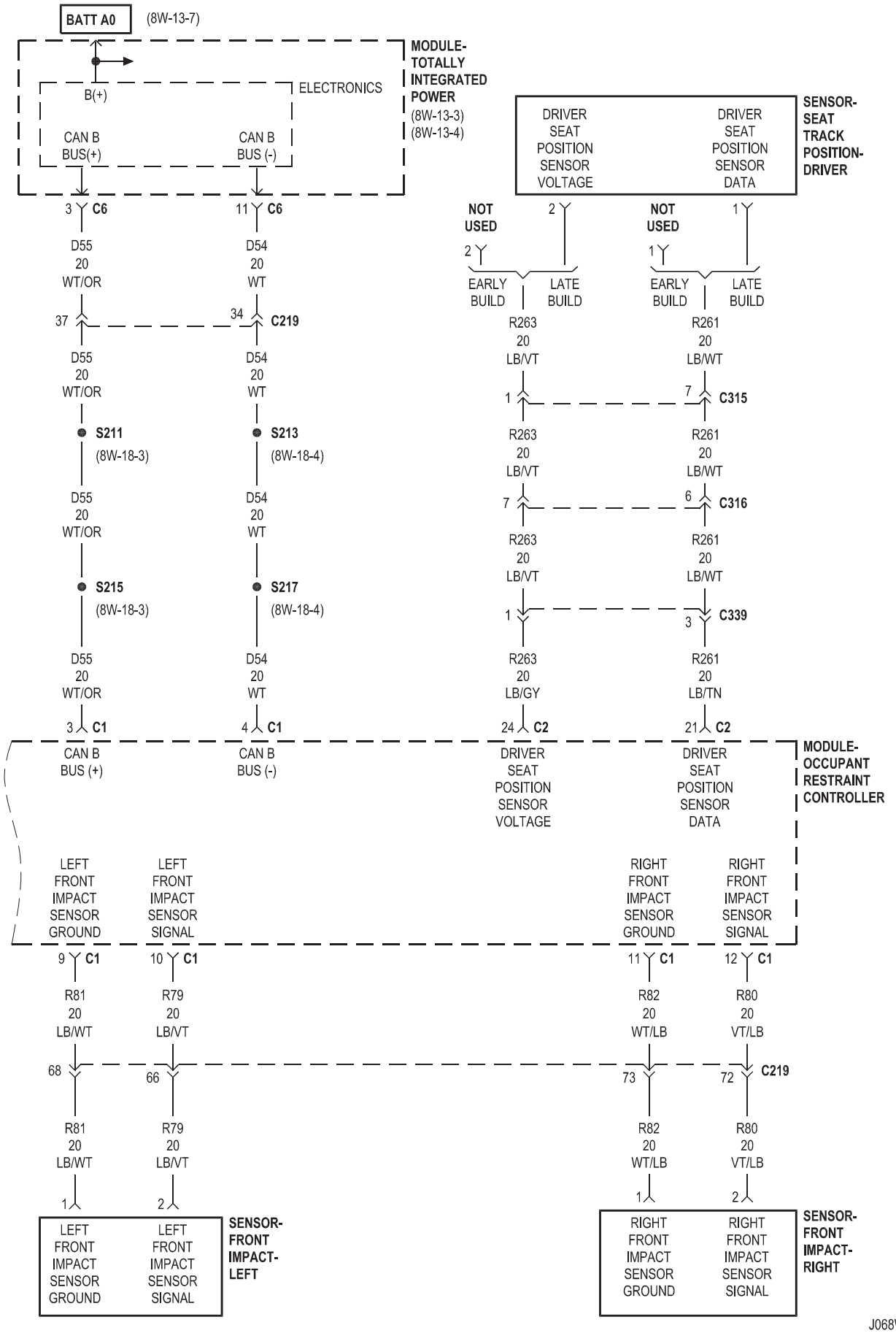


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SIDE AIRBAGS



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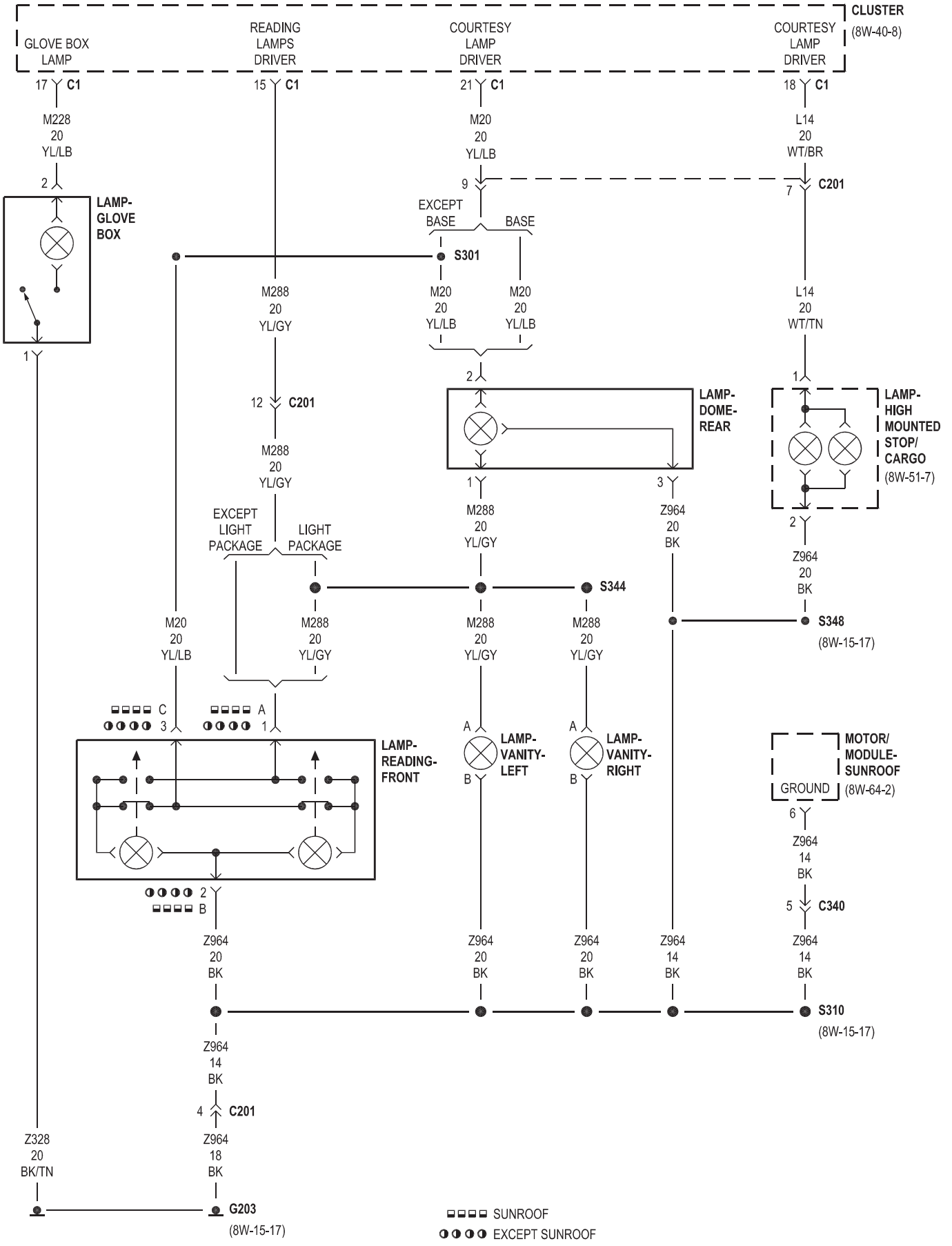
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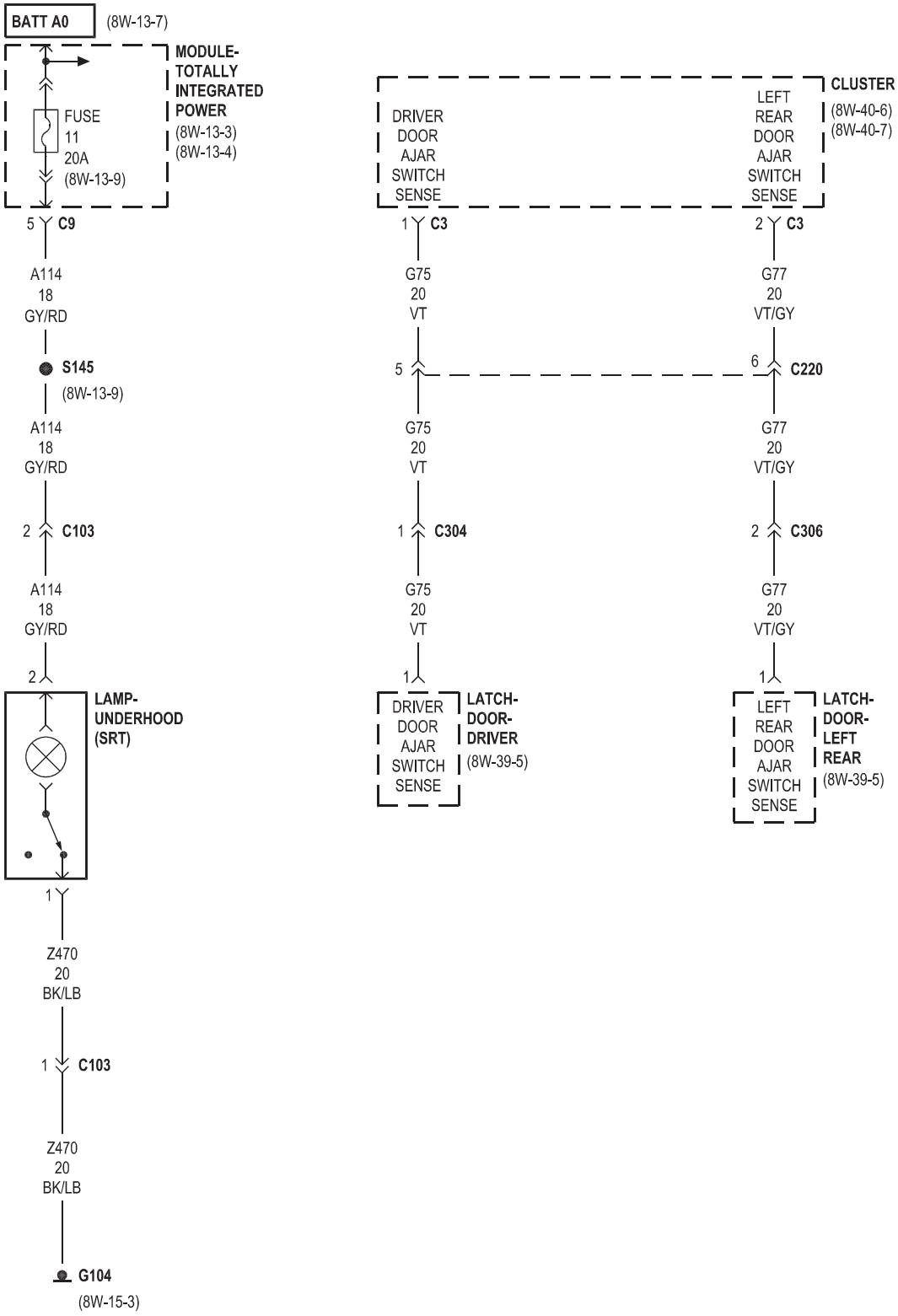
8W-44 INTERIOR LIGHTING

Component	Page
Electronics	8W-44-4
Fuse 11	8W-44-3
Fuse 16	8W-44-4
G104	8W-44-3
G203	8W-44-2, 4
Lamp-Center Bezel	8W-44-4
Lamp-Dome-Rear	8W-44-2
Lamp-Glove Box	8W-44-2
Lamp-High Mounted Stop/Cargo	8W-44-2
Lamp-Reading-Front	8W-44-2
Lamp-Underhood	8W-44-3
Lamp-Vanity-Left	8W-44-2
Lamp-Vanity-Right	8W-44-2
Latch-Door-Driver	8W-44-3
Latch-Door-Left Rear	8W-44-3
Latch-Door-Passenger	8W-44-4
Latch-Door-Right Rear	8W-44-4
Module-Totally Integrated Power	8W-44-3, 4
Motor/Module-Sunroof	8W-44-2

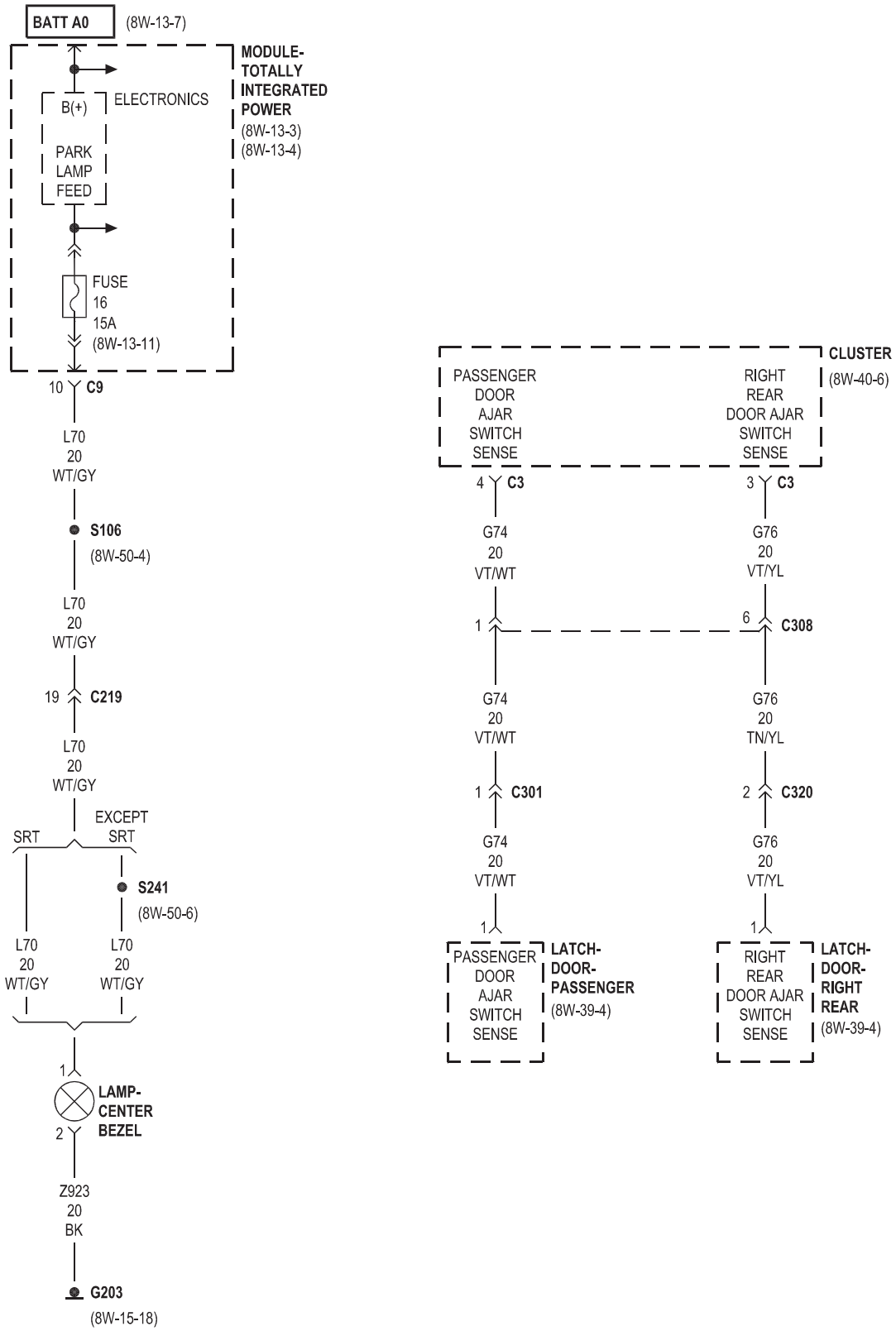
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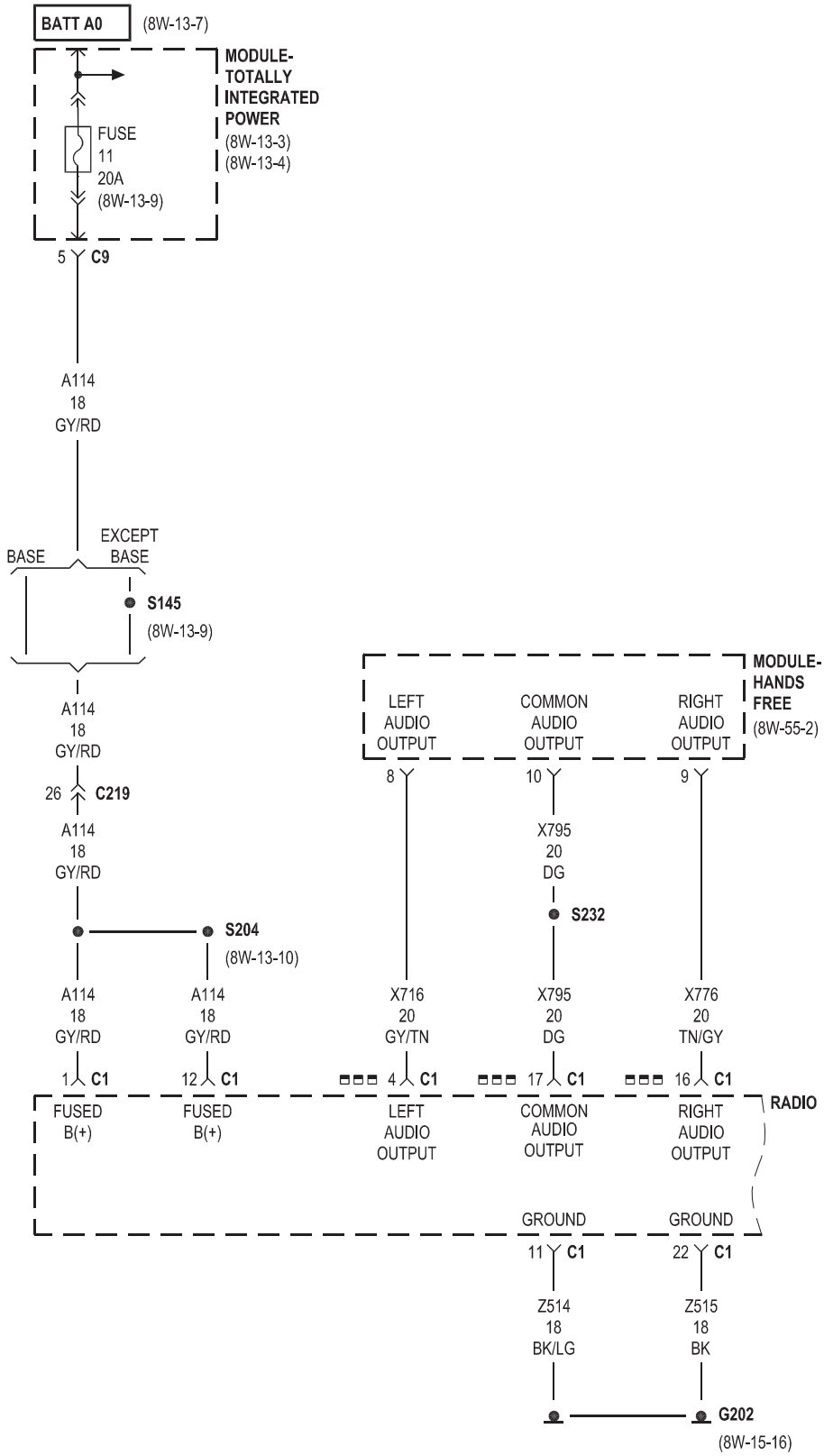


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8W-47 AUDIO/VIDEO SYSTEM

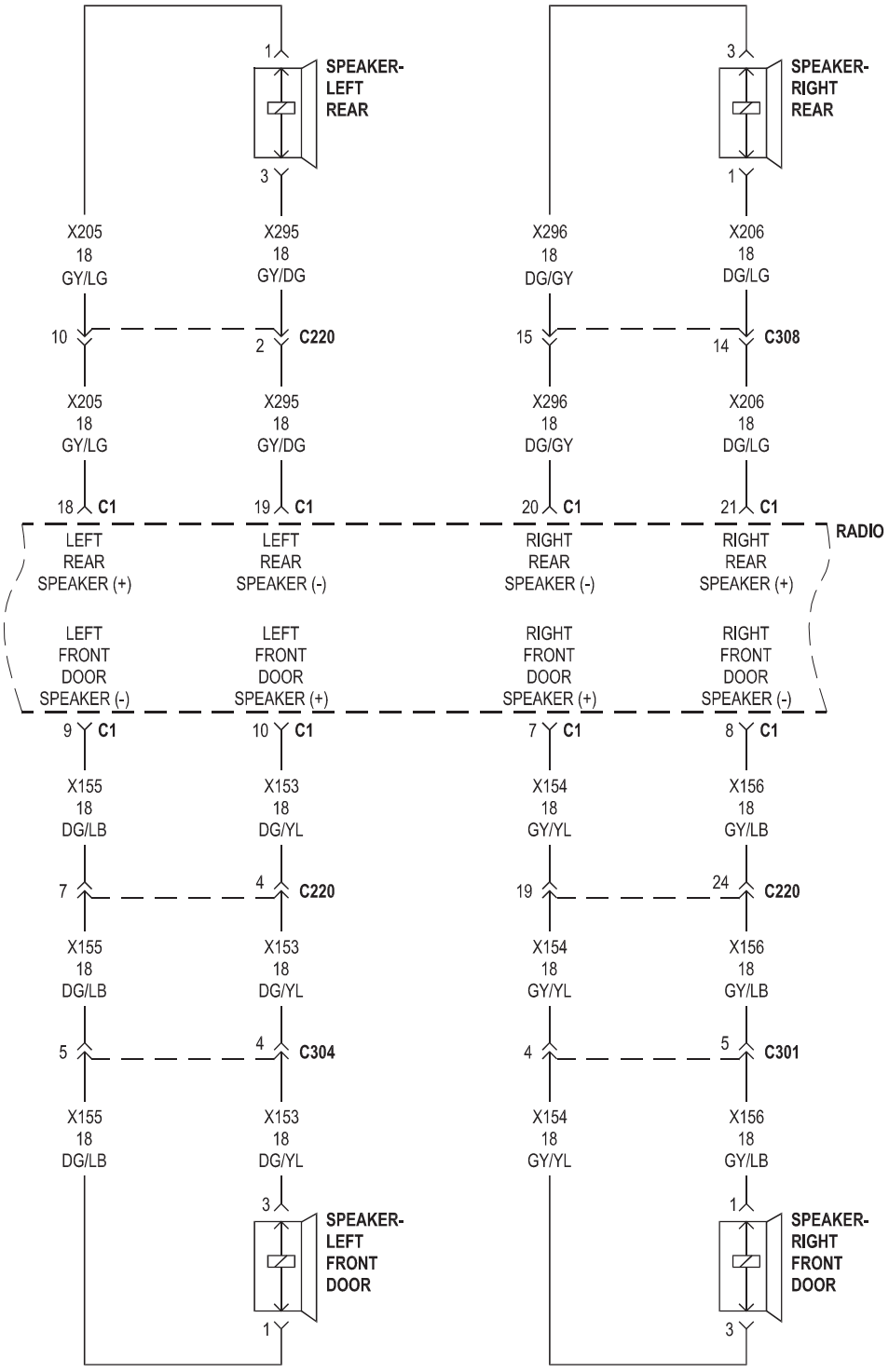
Component	Page
Amplifier-Subwoofer	8W-47-10
Clockspring	8W-47-9
Cluster	8W-47-9
Electronics	8W-47-10, 11
Fuse 11	8W-47-2, 7, 8
Fuse 24	8W-47-10
Fuse 36	8W-47-5, 8
Fuse 39	8W-47-10
G201	8W-47-9
G202	8W-47-2, 5, 7, 8
G302	8W-47-10
Media System-Monitor/DVD	8W-47-7, 11
Module-Hands Free	8W-47-2, 8, 11
Module-Totally Integrated Power	8W-47-2, 5, 7, 8, 10, 11
Radio	8W-47-2, 3, 4, 7, 8, 11
Receiver-Satellite	8W-47-7, 8, 11
Speaker-Instrument Panel Right	8W-47-4
Speaker-Instrument Panel-Center	8W-47-4
Speaker-Instrument Panel-Left	8W-47-4
Speaker-Left Front Door	8W-47-3, 6
Speaker-Left Rear	8W-47-3, 5, 6
Speaker-Right Front Door	8W-47-3, 6
Speaker-Right Rear	8W-47-3, 5, 6
Speaker-Subwoofer	8W-47-10
Switch-Remote Radio-Left	8W-47-9
Switch-Remote Radio-Right	8W-47-9

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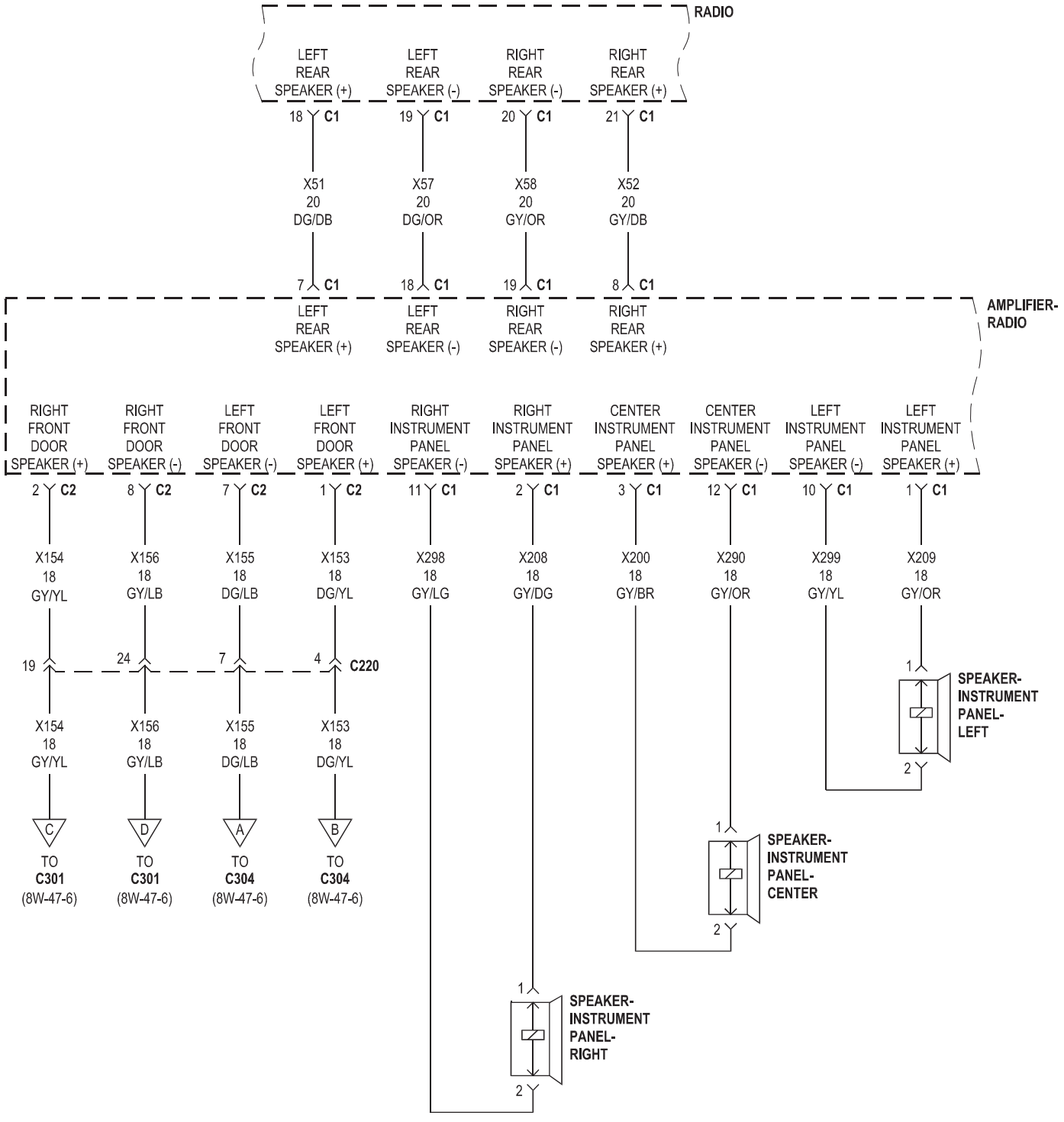
HANDS FREE

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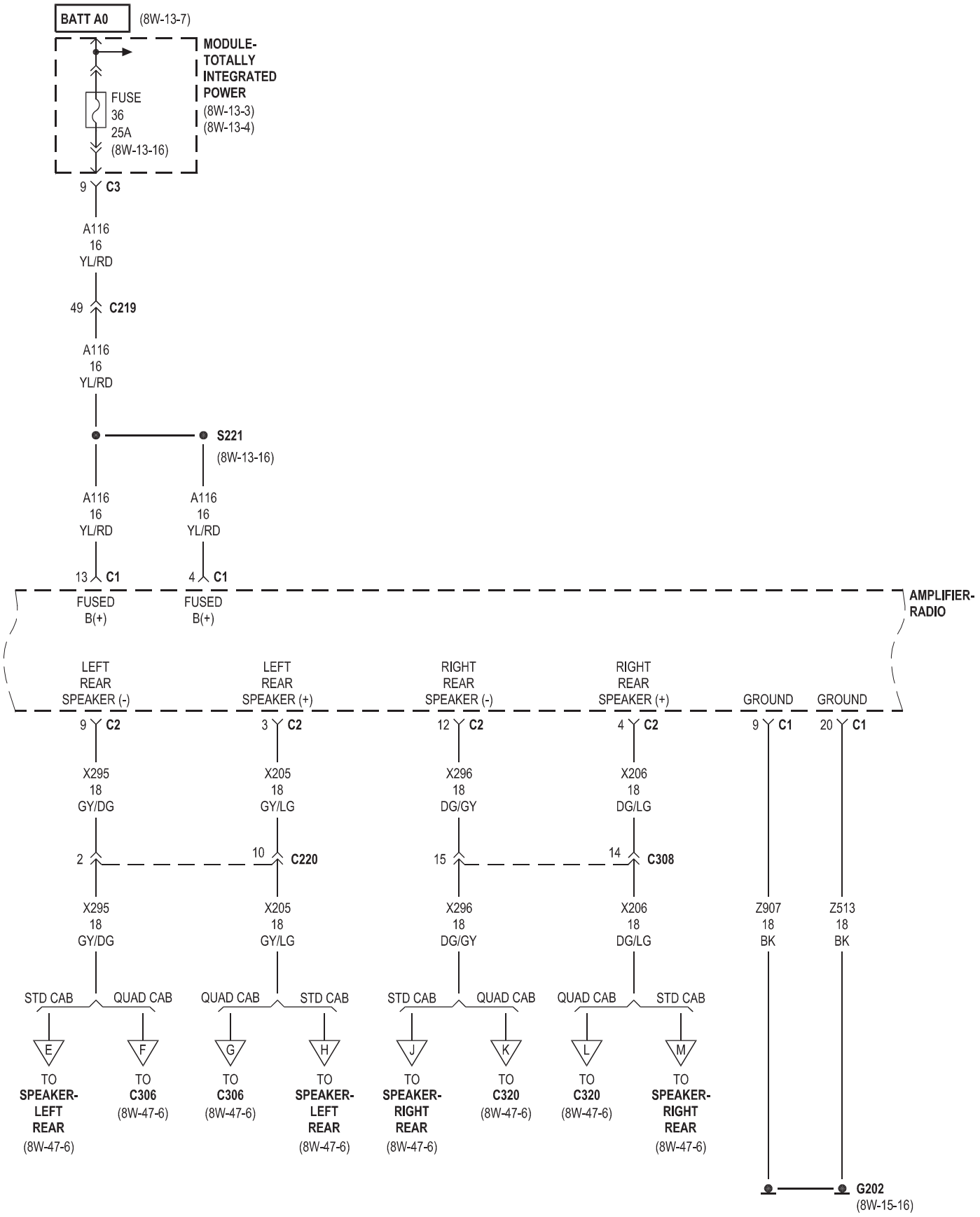


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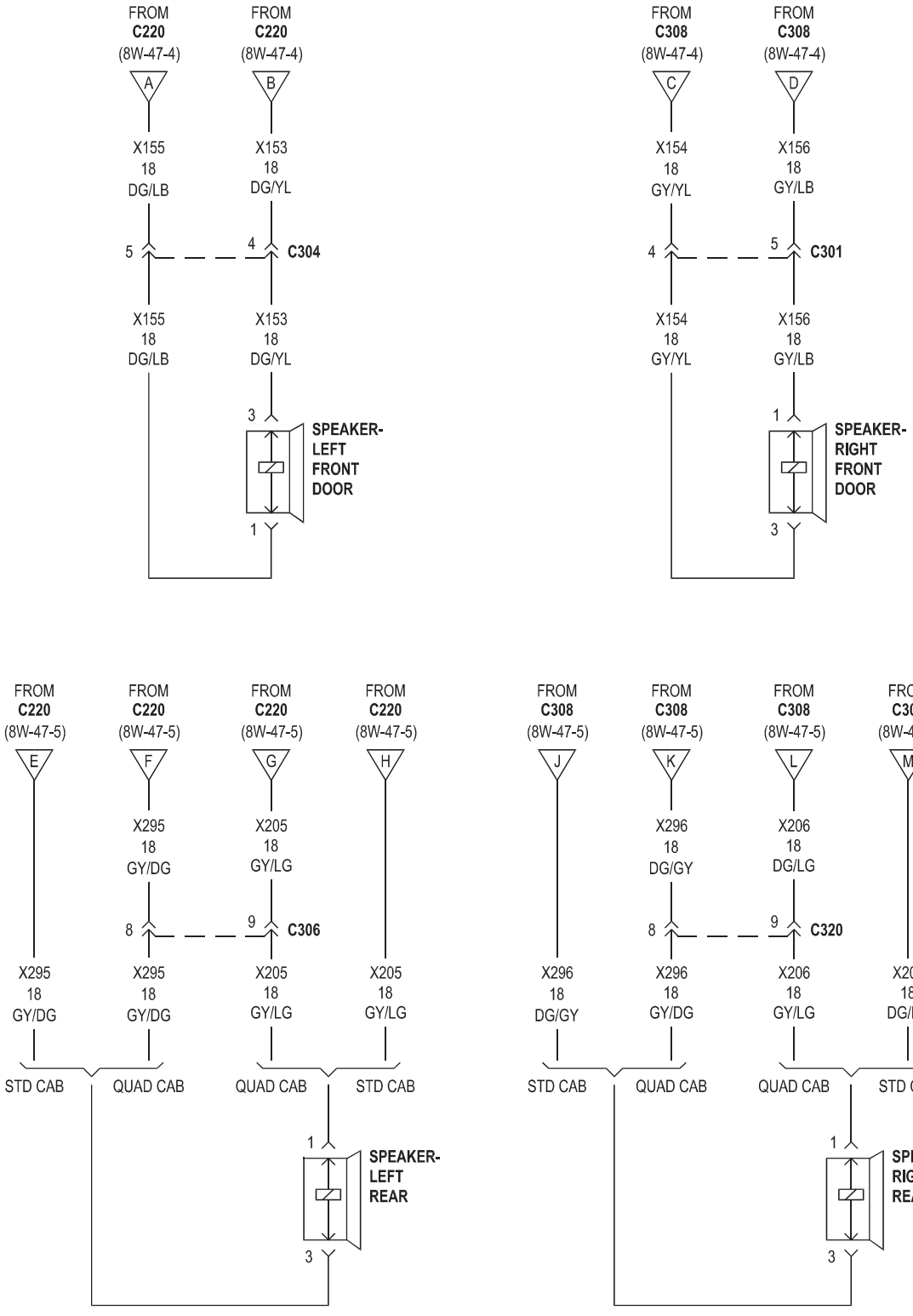
PREMIUM EXCEPT HANDS FREE CAPABLE



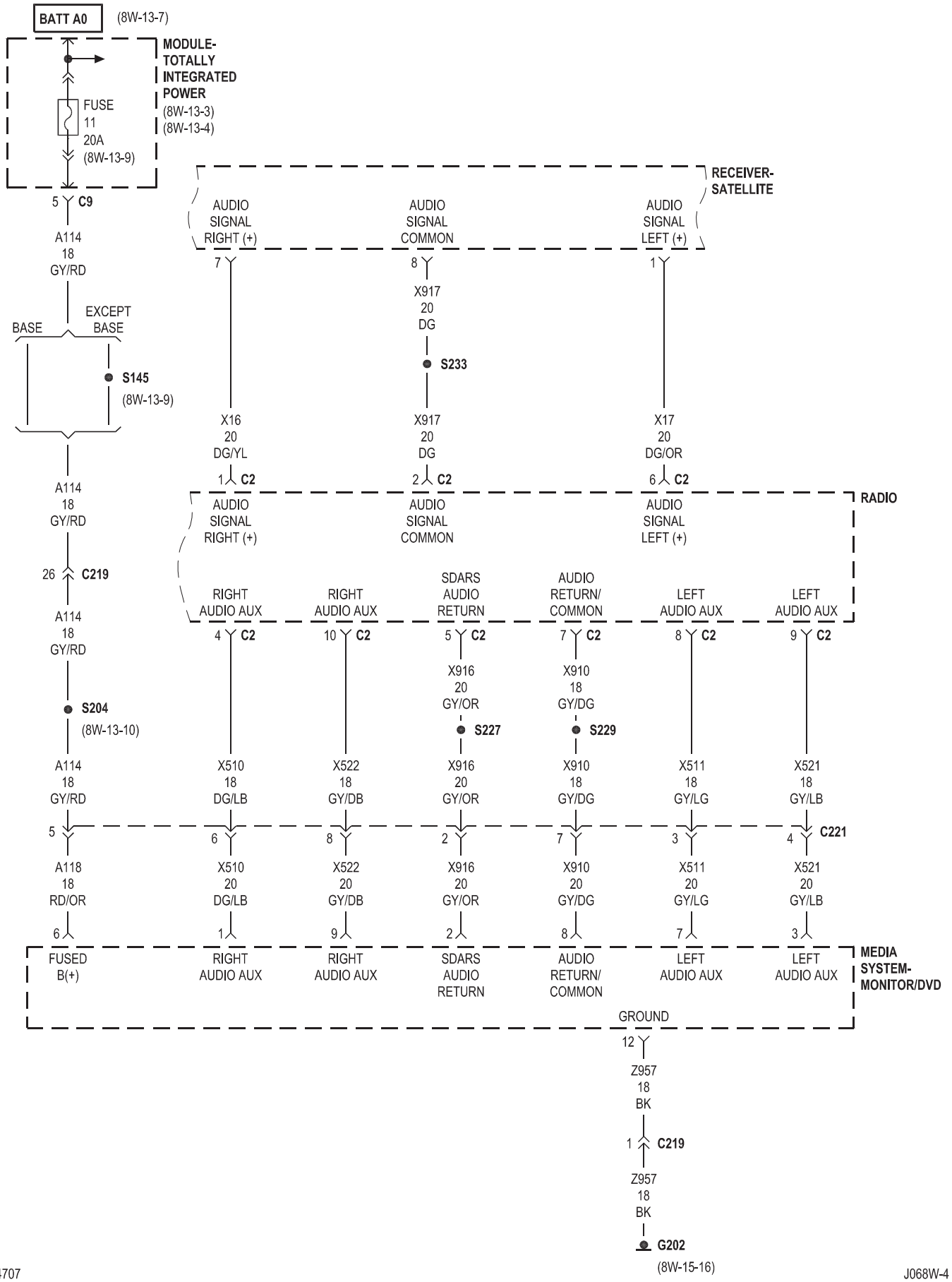
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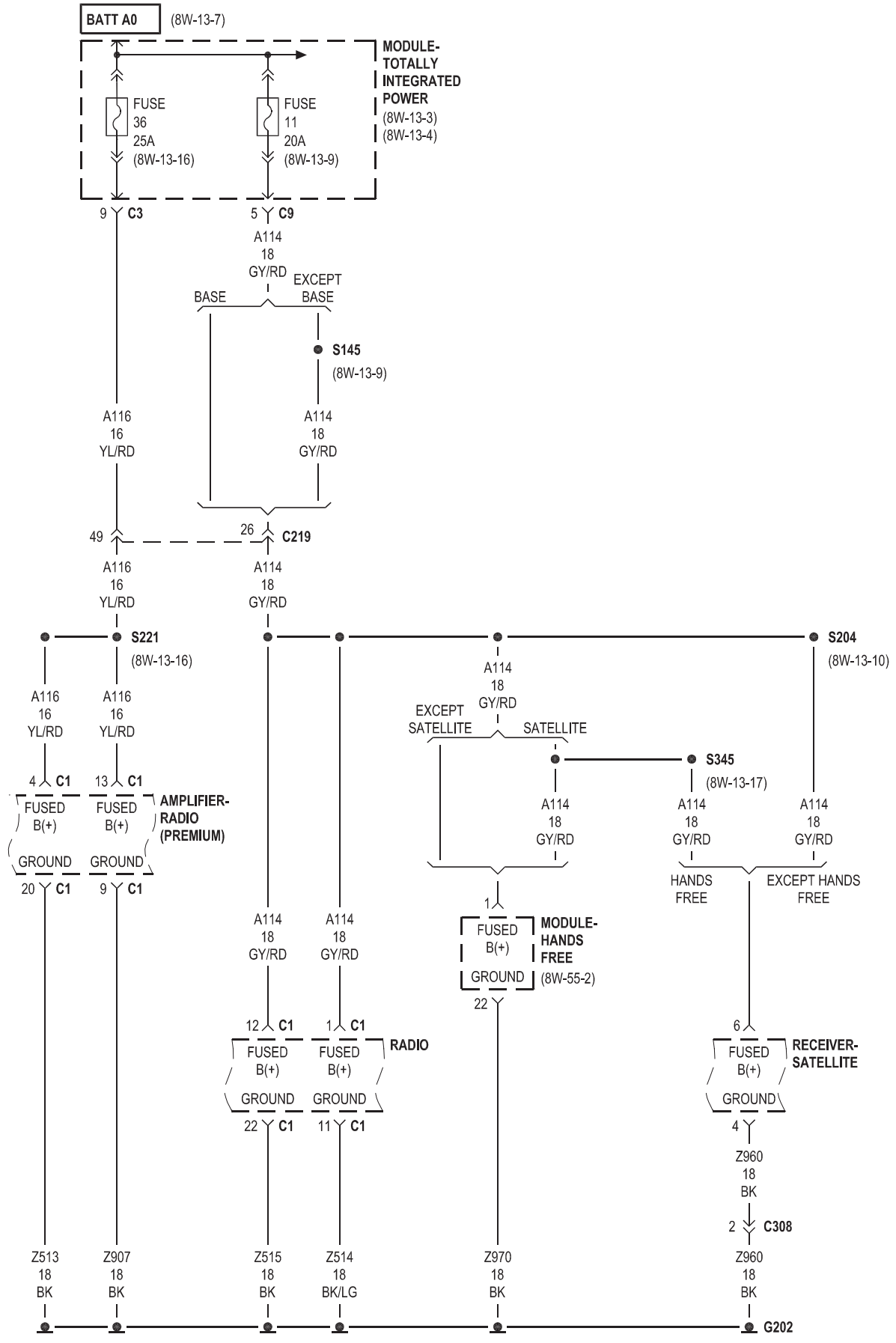
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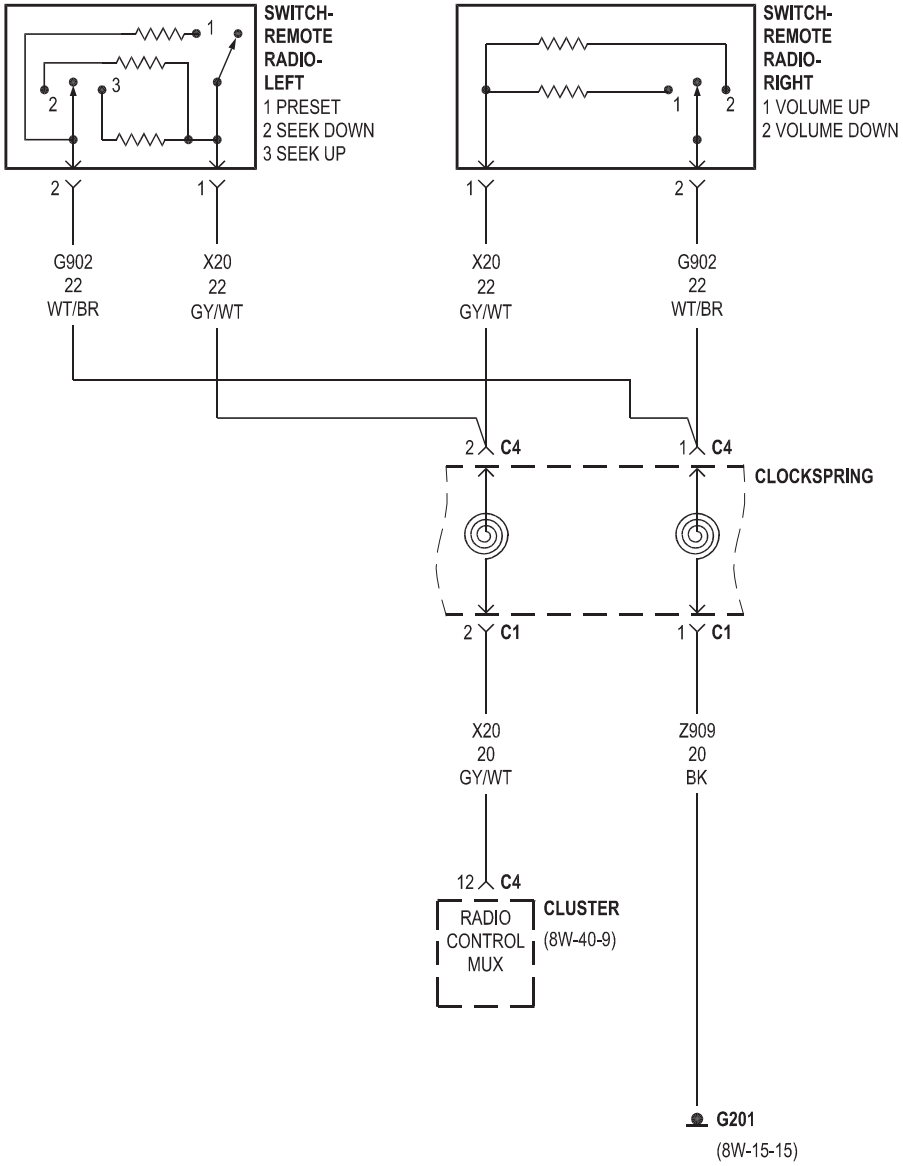
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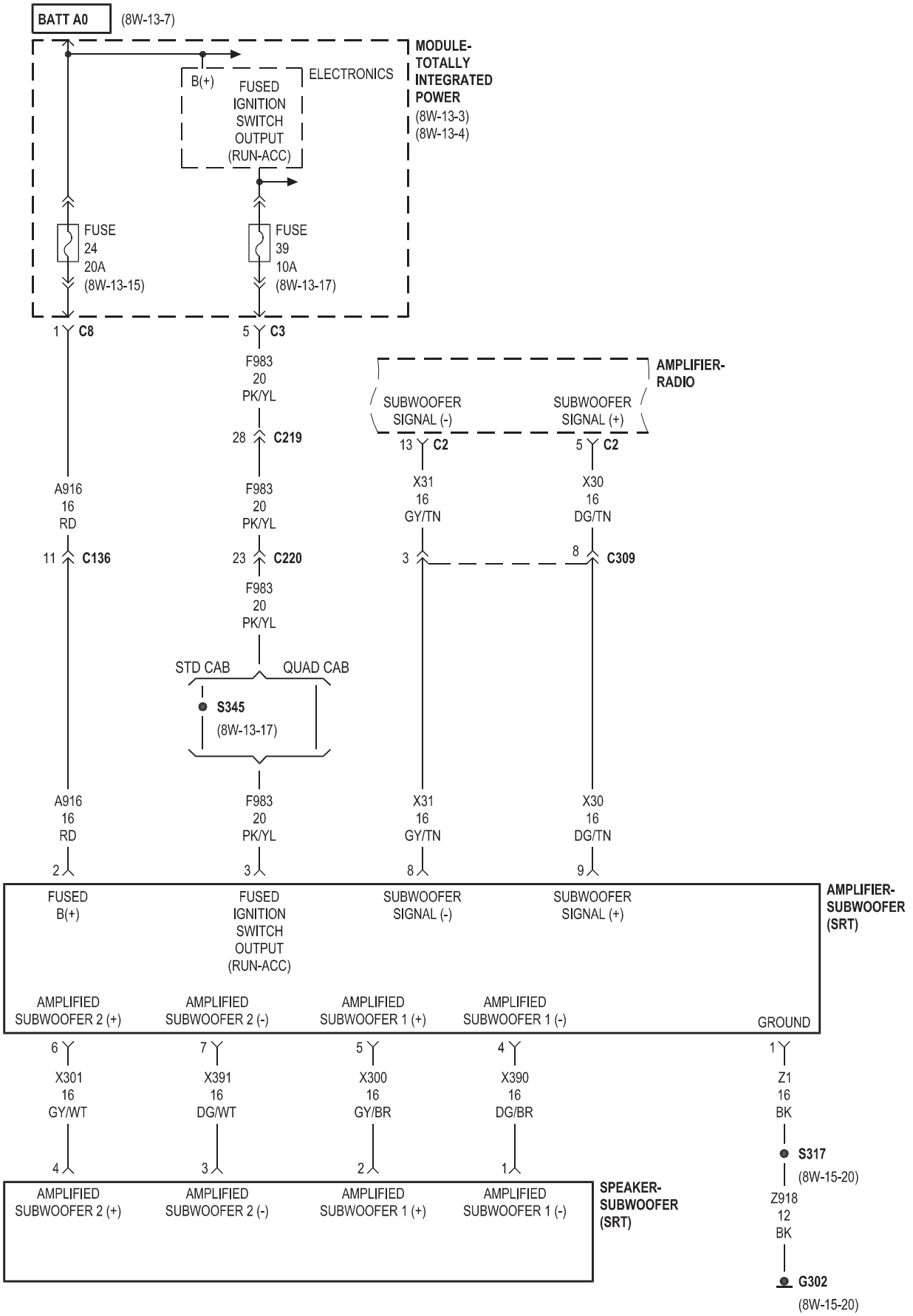
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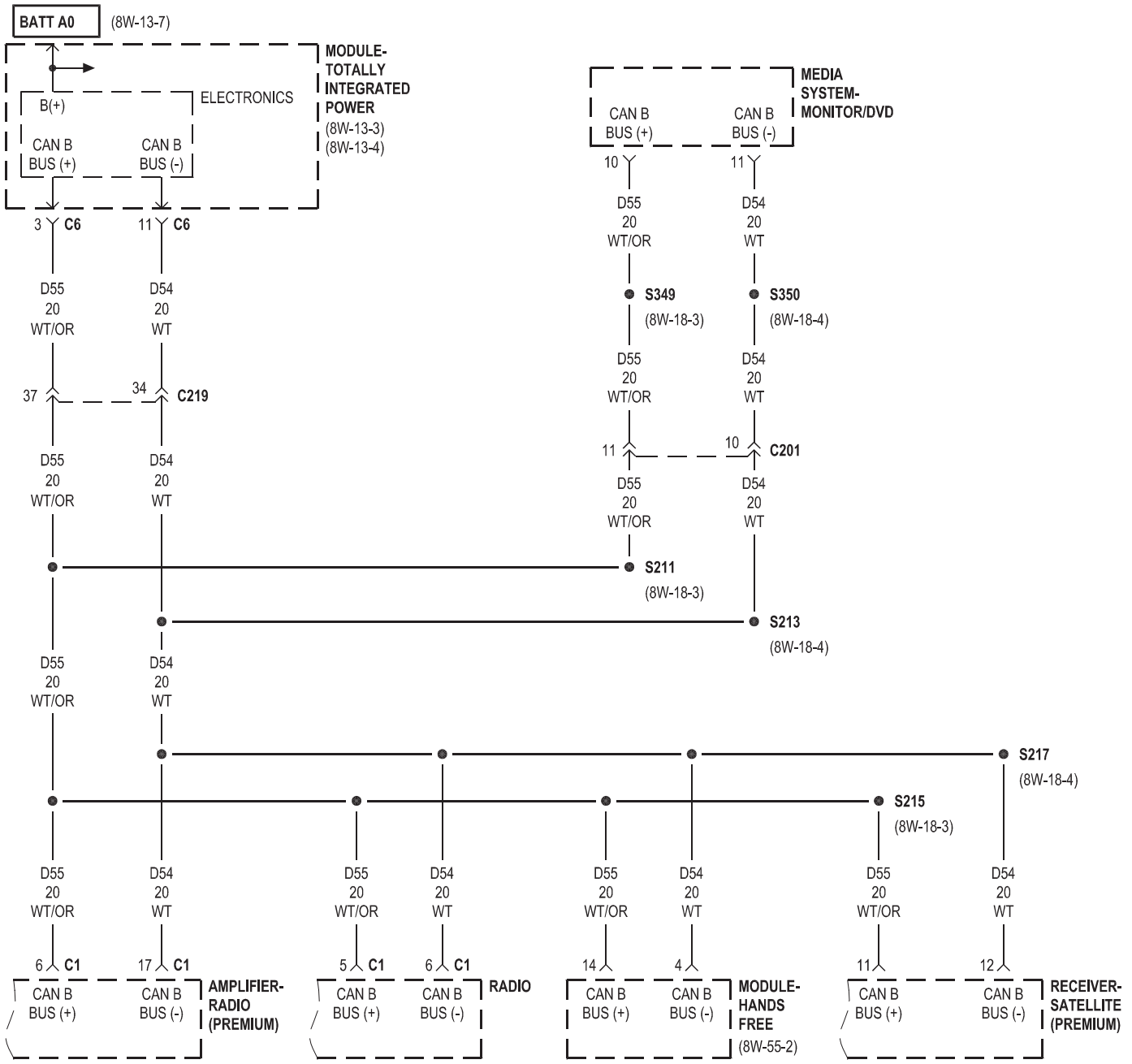
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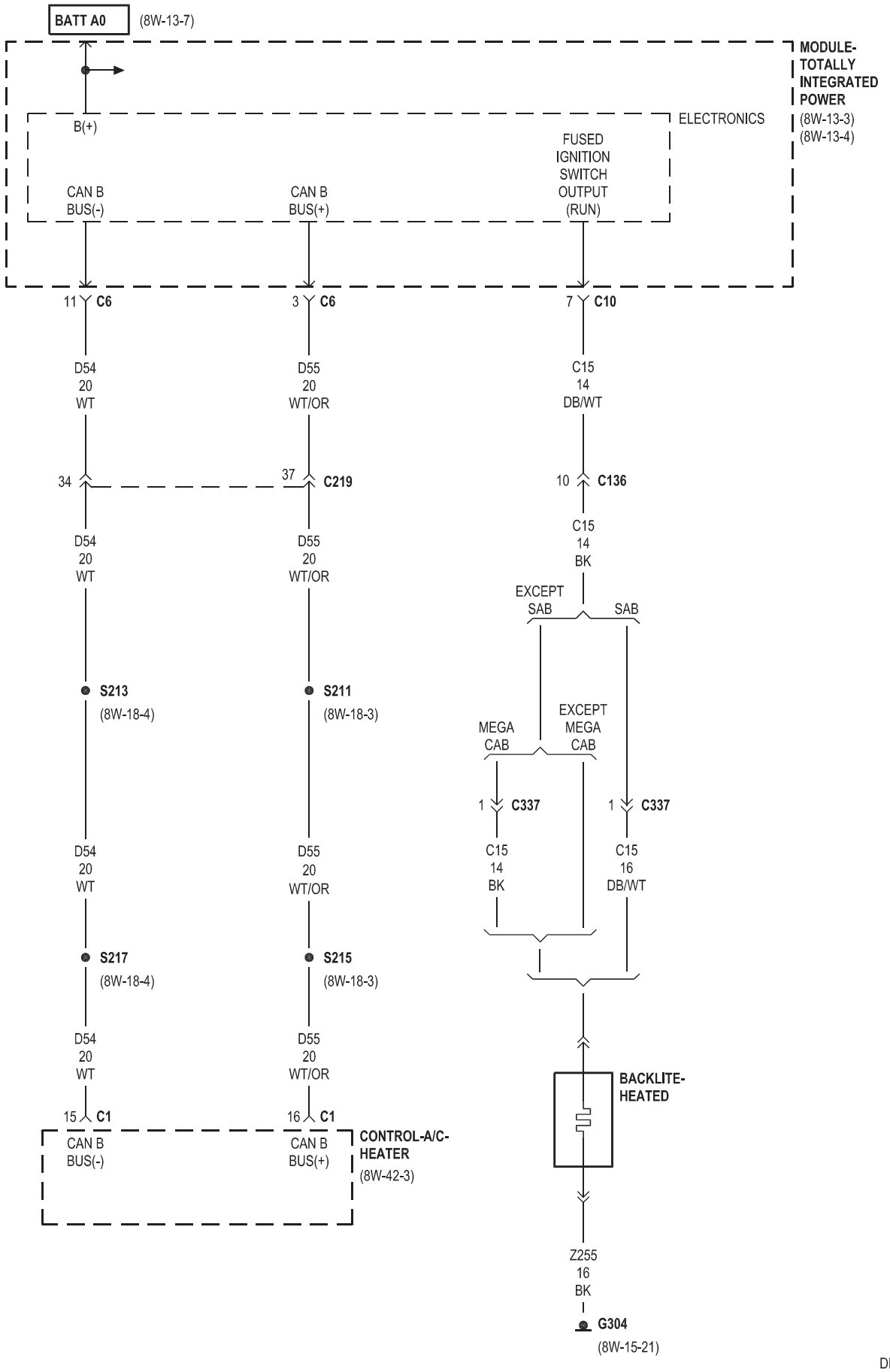
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8W-48 REAR WINDOW DEFOGGER

Component	Page
Control-A/C-Heater	8W-48-2
G304	8W-48-2
Module-Totally Integrated Power	8W-48-2

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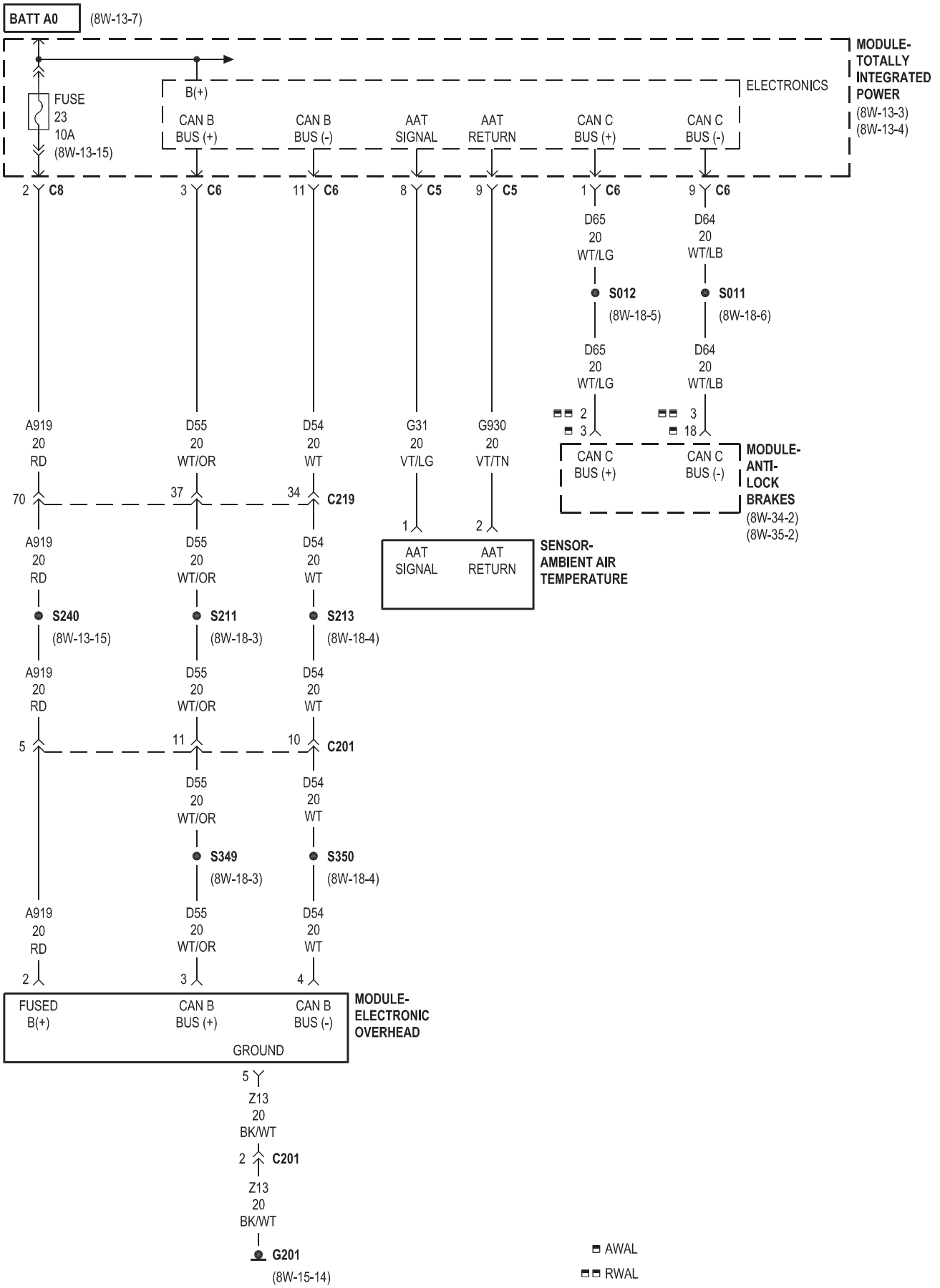


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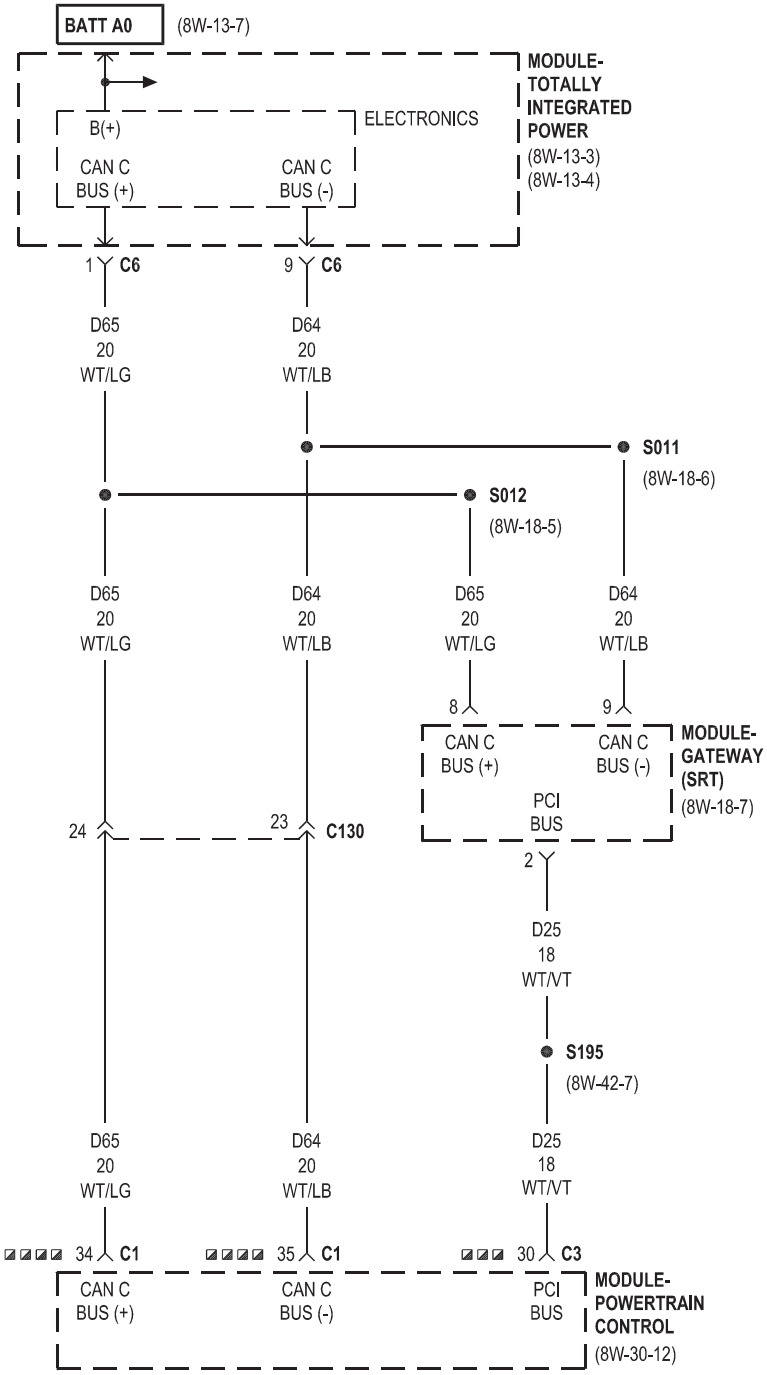
8W-49 OVERHEAD CONSOLE

Component	Page
Fuse 23	8W-49-2
G201	8W-49-2
Module-Anti-Lock Brakes	8W-49-2
Module-Electronic Overhead	8W-49-2
Module-Engine Control	8W-49-4
Module-Gateway	8W-49-3
Module-Powertrain Control	8W-49-3
Module-Totally Integrated Power	8W-49-2, 3, 4
Sensor-Ambient Air Temperature	8W-49-2

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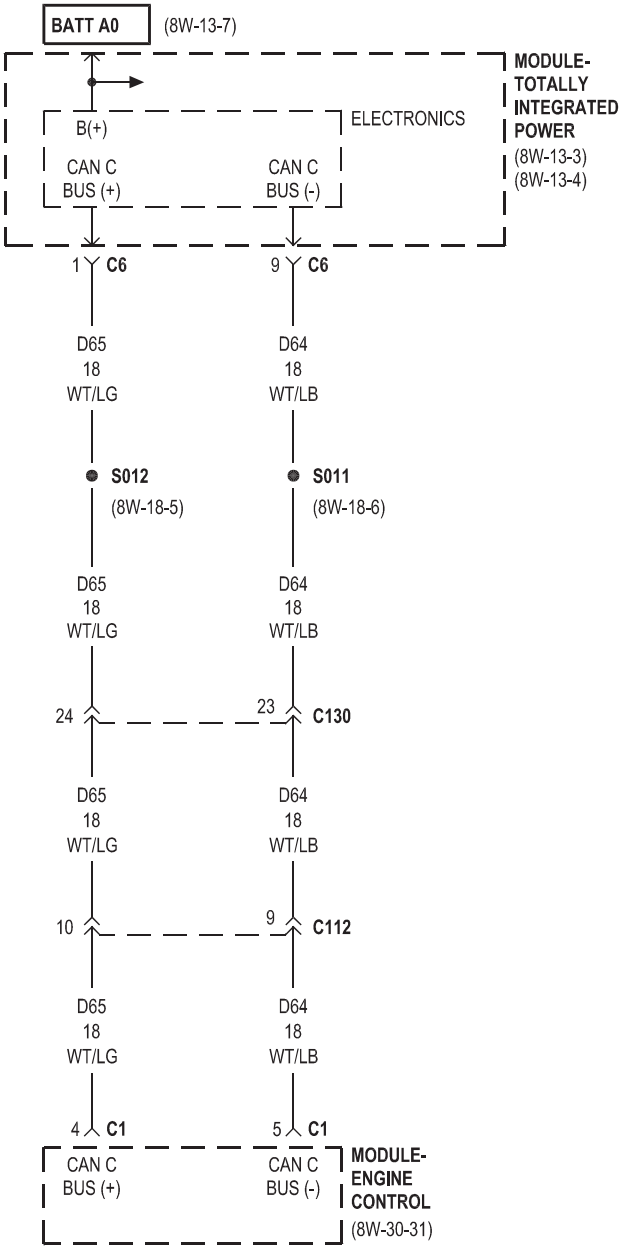
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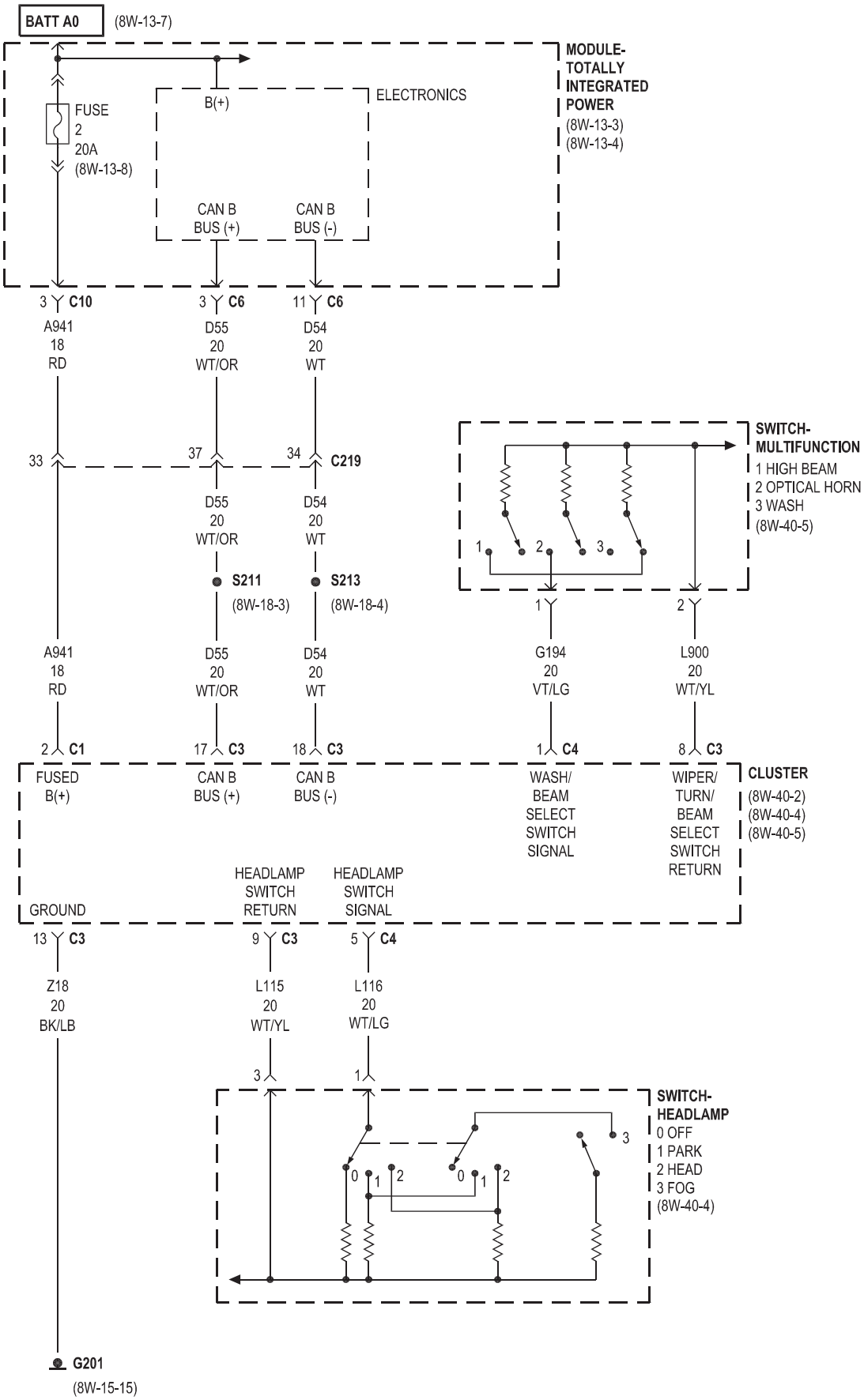


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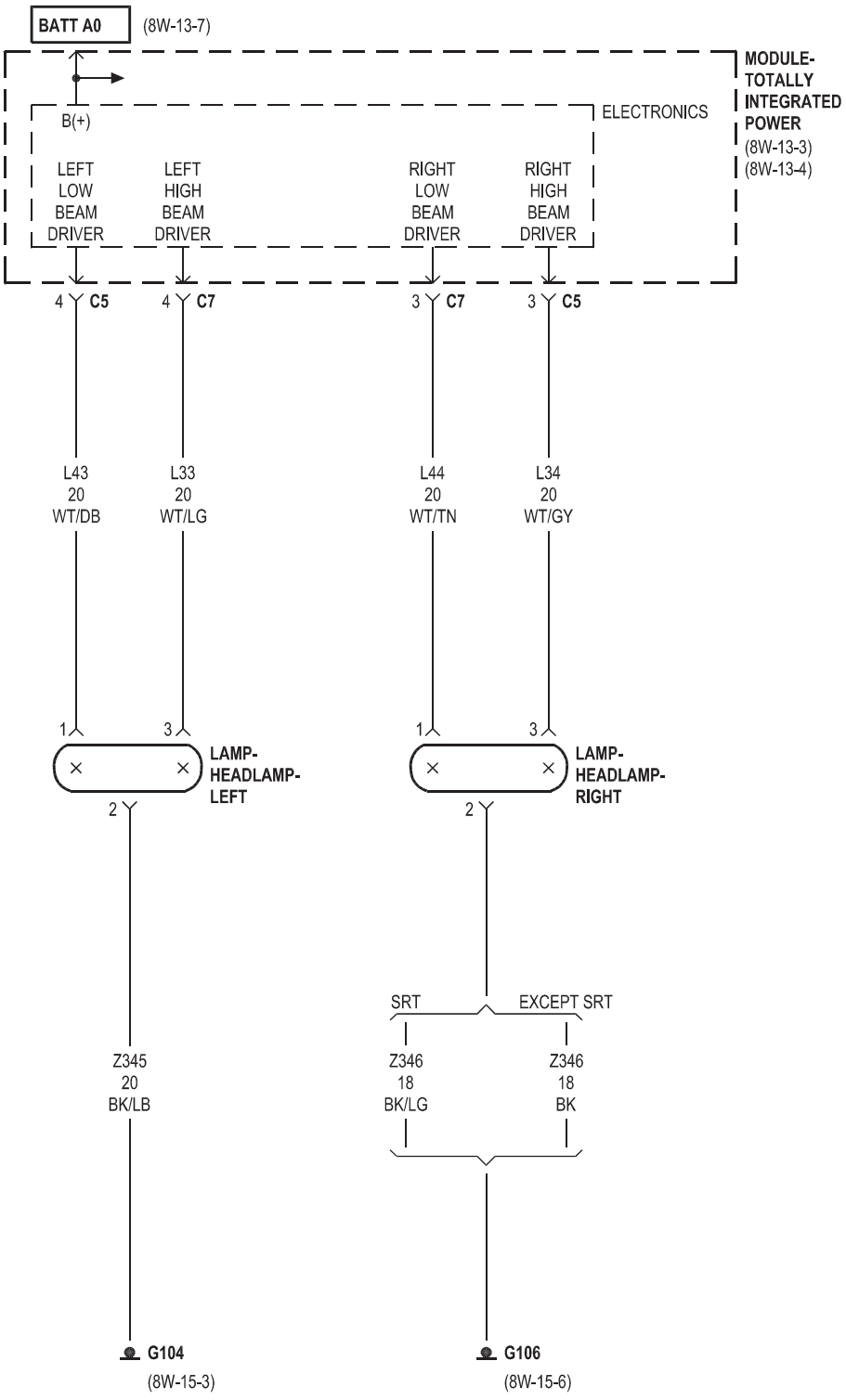
8W-50 FRONT LIGHTING

Component	Page
Electronics	8W-50-2, 3, 4, 5
Fuse 14	8W-50-4
Fuse 16	8W-50-4
Fuse 2	8W-50-2
G104	8W-50-3, 4, 5
G106	8W-50-3, 4
G201	8W-50-2
G203	8W-50-5, 6
Lamp-Center Bezel	8W-50-6
Lamp-Clearance No. 1	8W-50-6
Lamp-Clearance No. 2	8W-50-6
Lamp-Clearance No. 3	8W-50-6
Lamp-Clearance No. 4	8W-50-6
Lamp-Clearance No. 5	8W-50-6
Lamp-Fog-Left Front	8W-50-5
Lamp-Fog-Right Front	8W-50-5
Lamp-Headlamp-Left	8W-50-3
Lamp-Headlamp-Right	8W-50-3
Lamp-Park/Turn-Left Front	8W-50-4
Lamp-Park/Turn-Right Front	8W-50-4
Lamp-Side Marker-Left Front	8W-50-4
Lamp-Side Marker-Right Front	8W-50-4
Lamp-Tail Stop/Turn-Right	8W-50-4
Module-Totally Integrated Power	8W-50-2, 3, 4, 5
Switch-Headlamp	8W-50-2, 5
Switch-Multifunction	8W-50-2

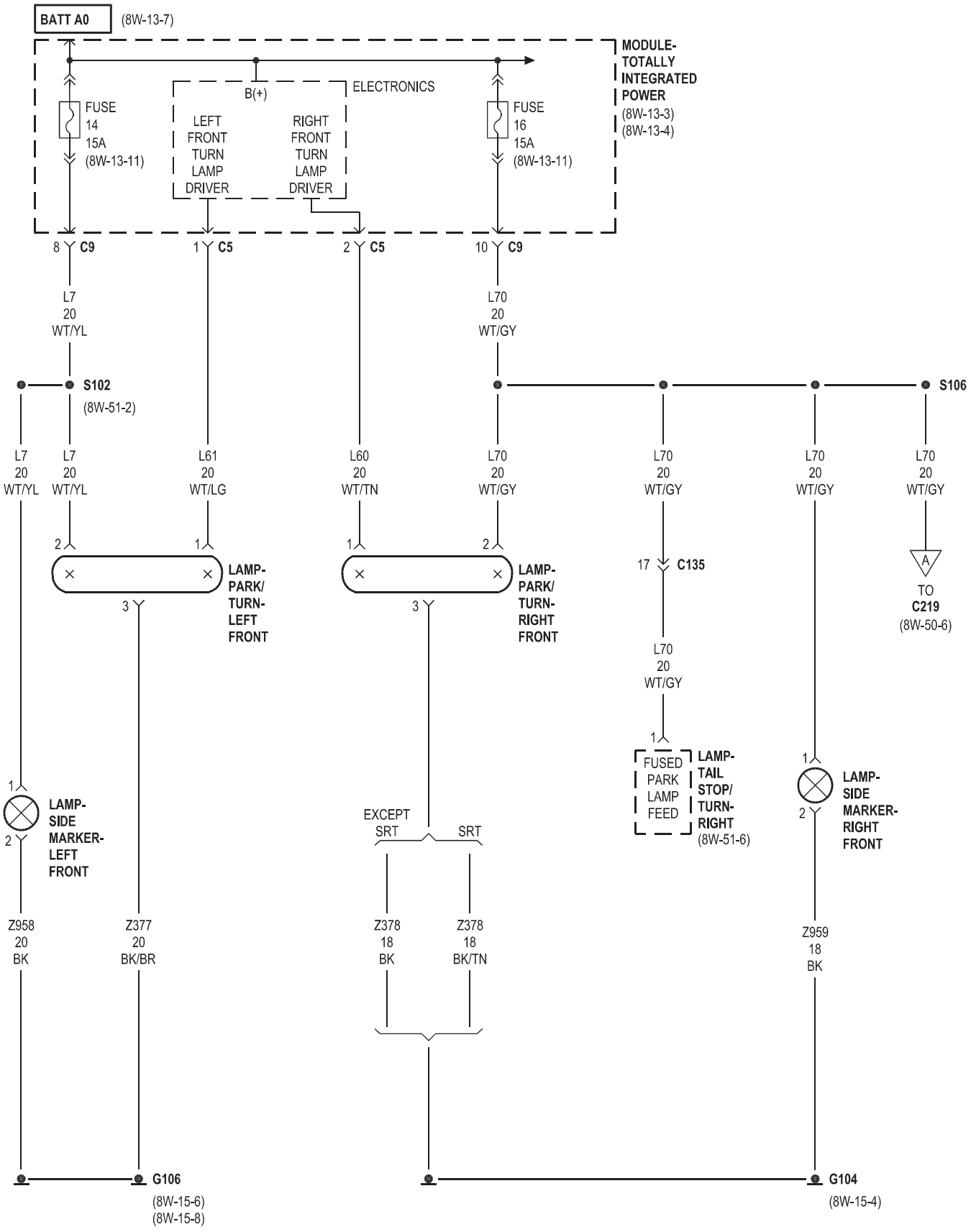
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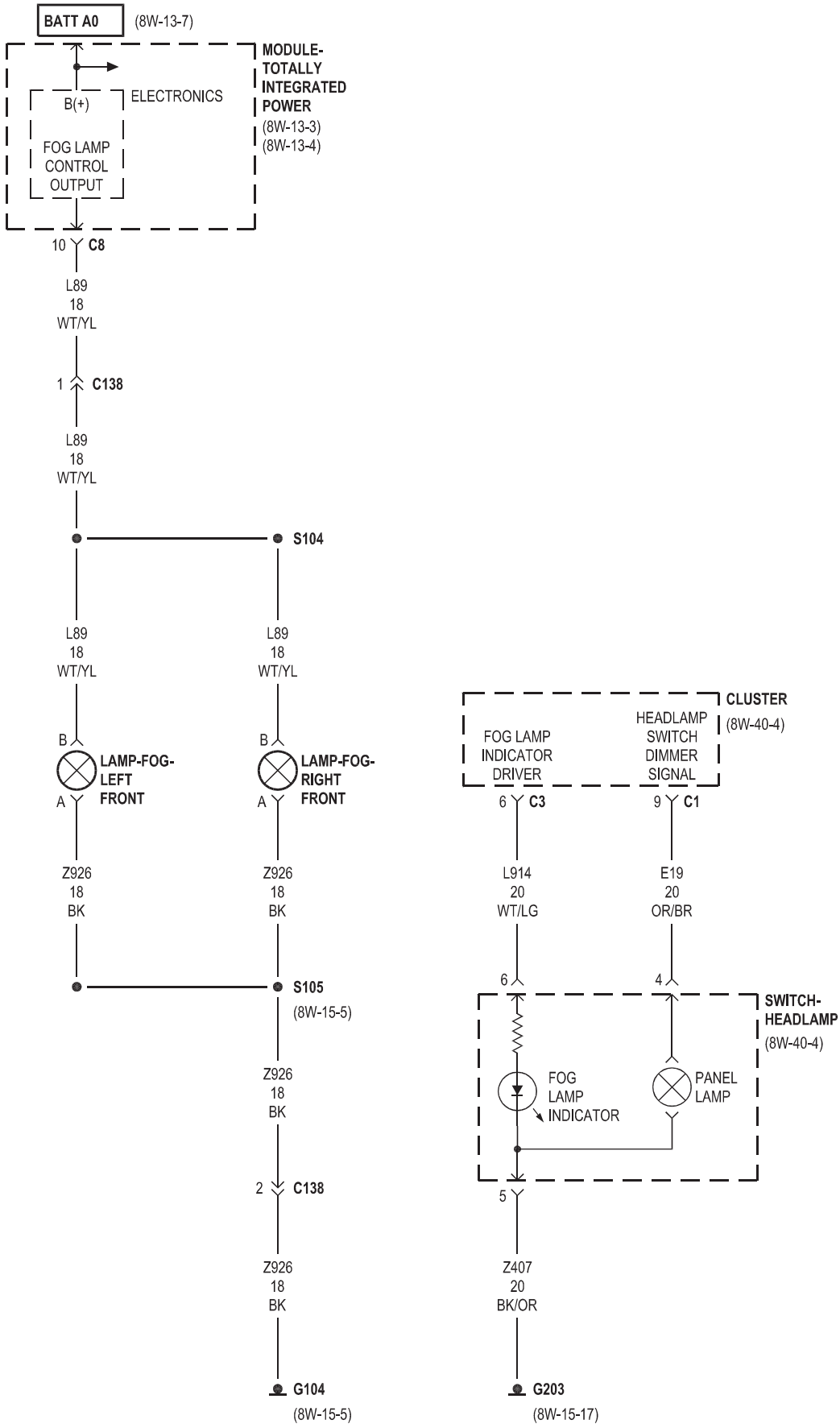
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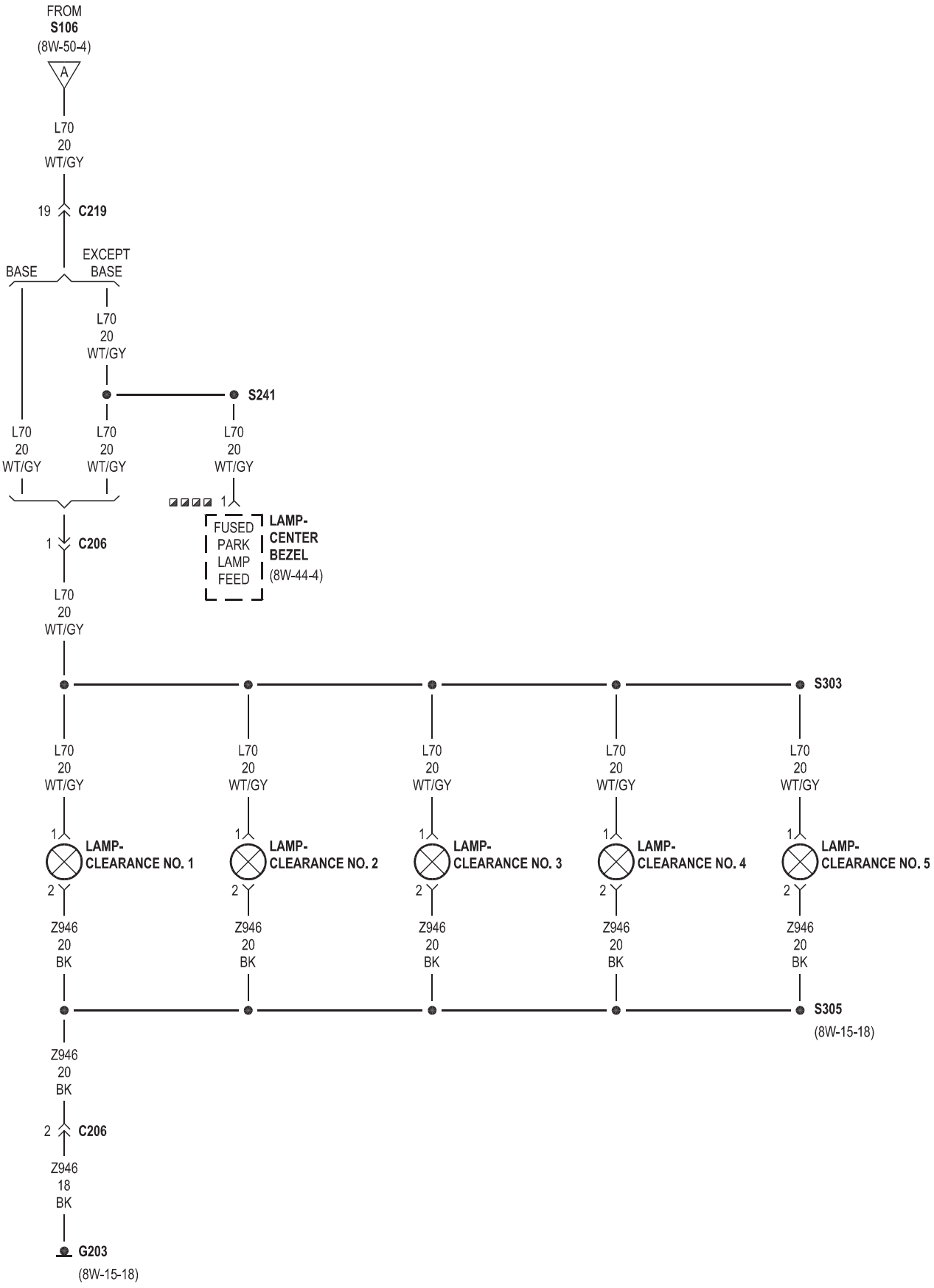
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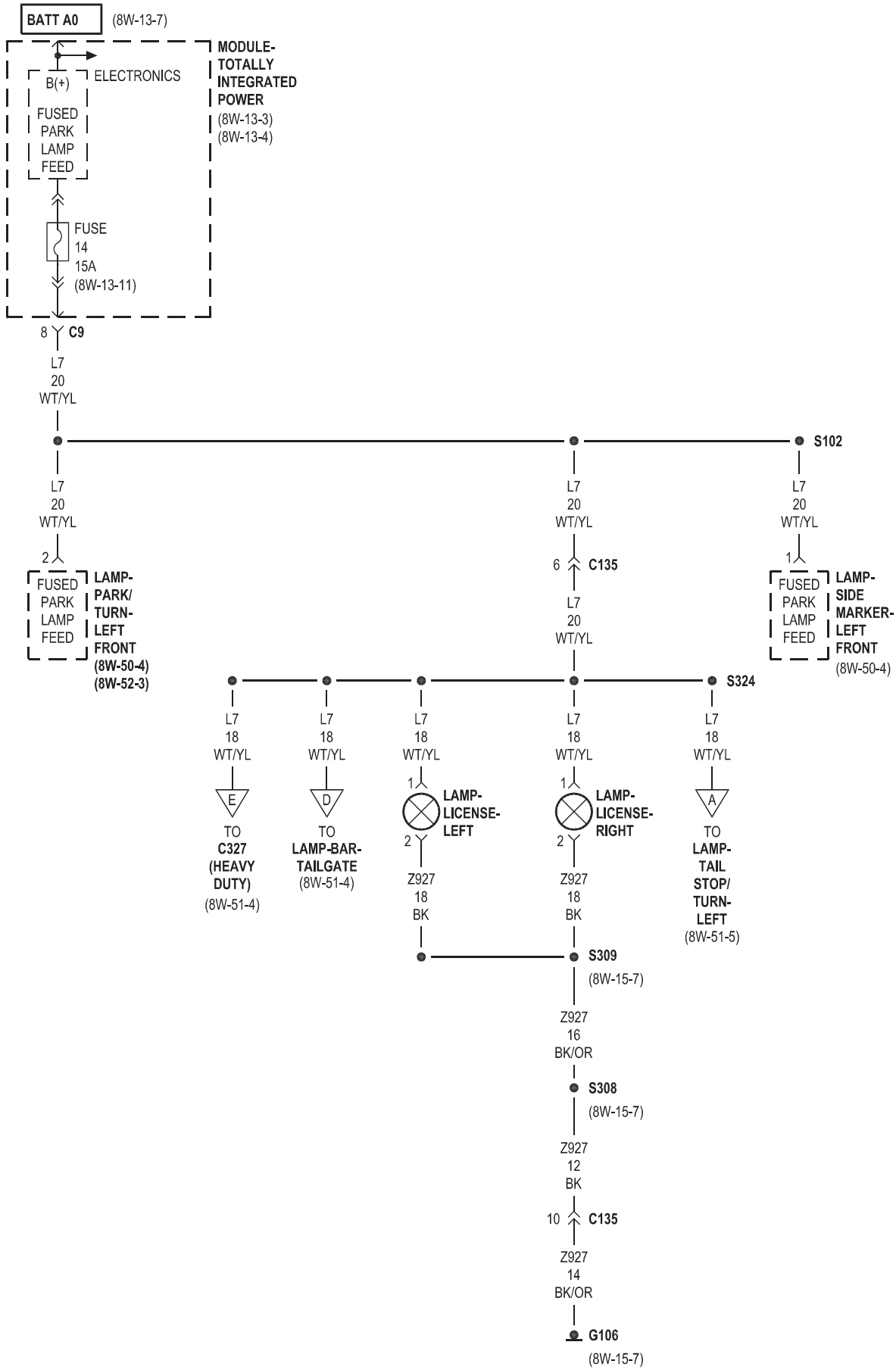
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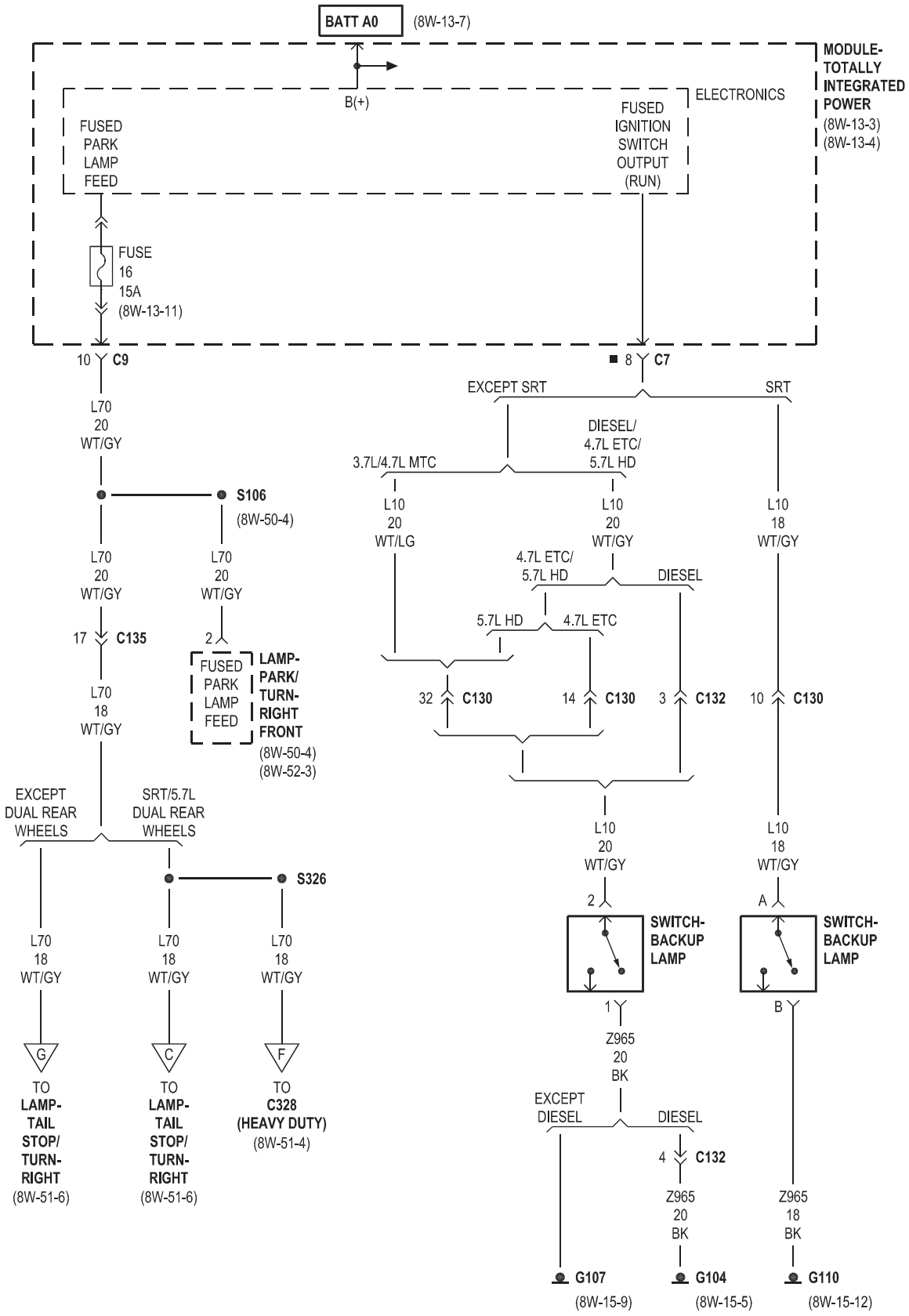
8W-51 REAR LIGHTING

Component	Page
Electronics	8W-51-2, 3, 5, 6
Fuse 14	8W-51-2
Fuse 16	8W-51-3
Fuse 26	8W-51-7
G104	8W-51-3, 5
G106	8W-51-2, 4, 6
G107	8W-51-3
G110	8W-51-3
G203	8W-51-7
Lamp-Bar-Tailgate	8W-51-2, 4
Lamp-CHMSL-Aftermarket	8W-51-6
Lamp-Fender-Front Left	8W-51-4
Lamp-Fender-Front Right	8W-51-4
Lamp-Fender-Rear Left	8W-51-4
Lamp-Fender-Rear Right	8W-51-4
Lamp-High Mounted Stop/Cargo	8W-51-7
Lamp-License-Left	8W-51-2
Lamp-License-Right	8W-51-2
Lamp-Park/Turn-Left Front	8W-51-2
Lamp-Park/Turn-Right Front	8W-51-3
Lamp-Side Marker-Left Front	8W-51-2
Lamp-Tail Stop/Turn-Left	8W-51-2, 5, 6
Lamp-Tail Stop/Turn-Right	8W-51-3, 5, 6
Module-Totally Integrated Power	8W-51-2, 3, 5, 6, 7
Switch-Backup Lamp	8W-51-3
Switch-Stop Lamp	8W-51-7
Wiring-Trailer Tow	8W-51-5
Wiring-Trailer Tow 7-Way	8W-51-5

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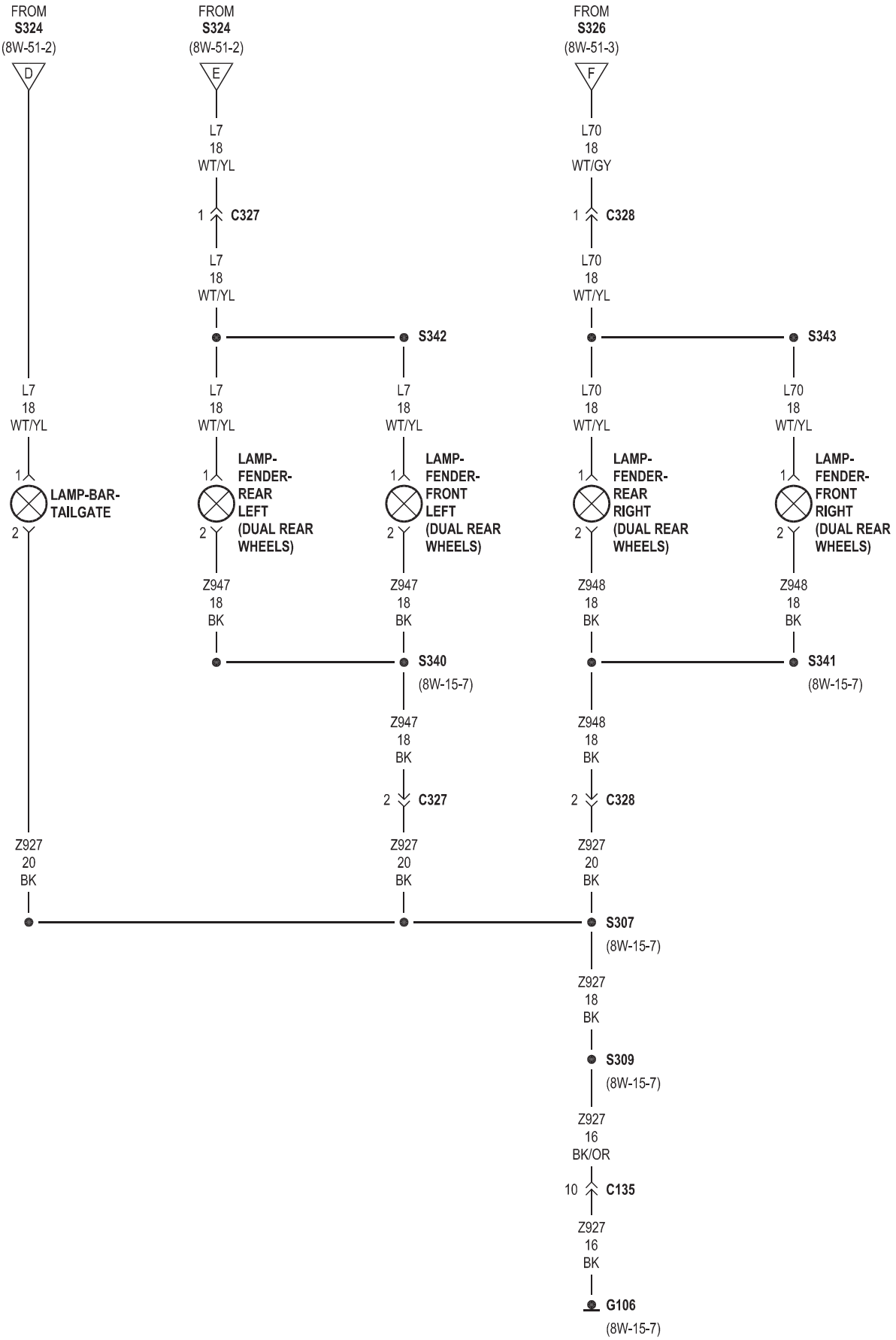


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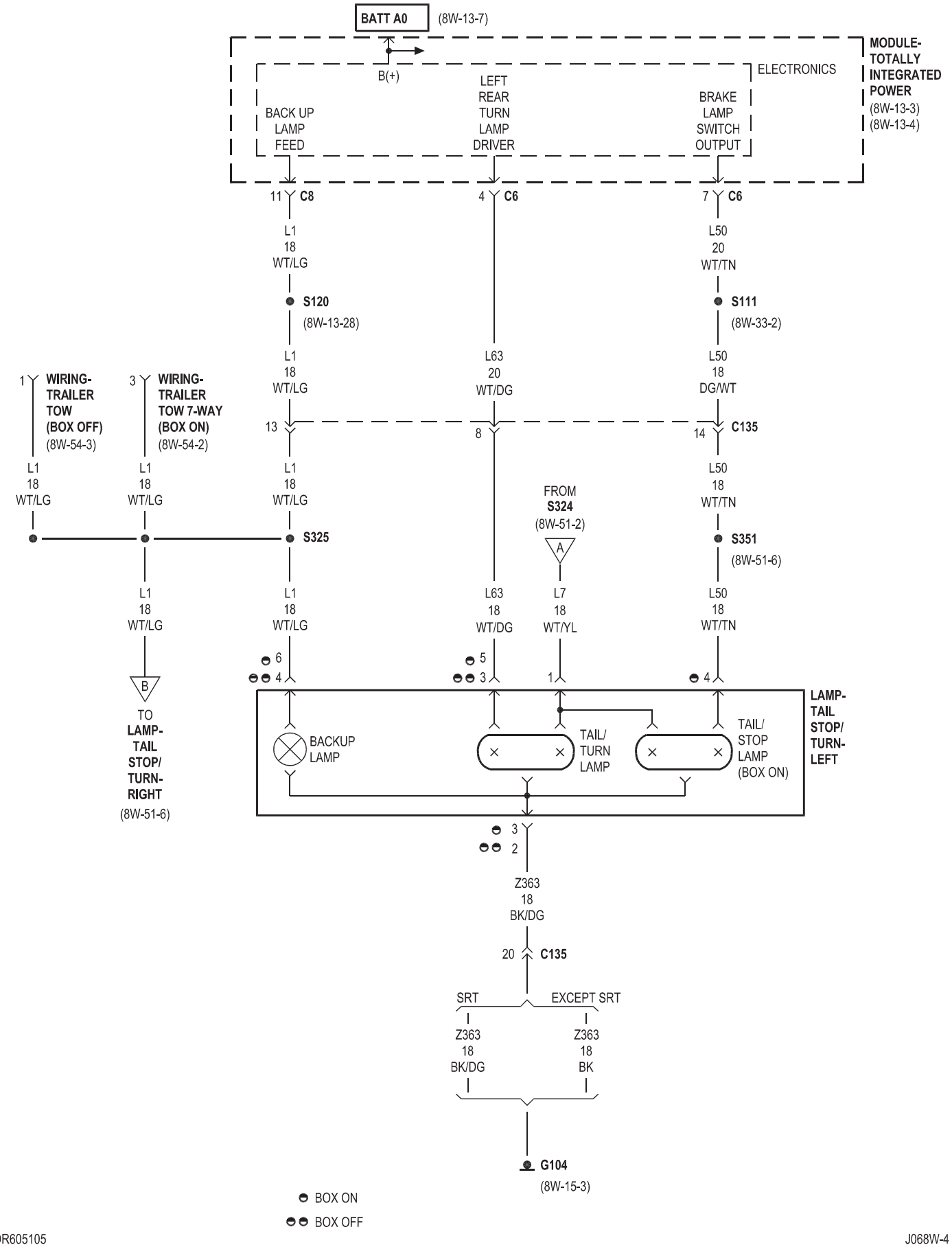


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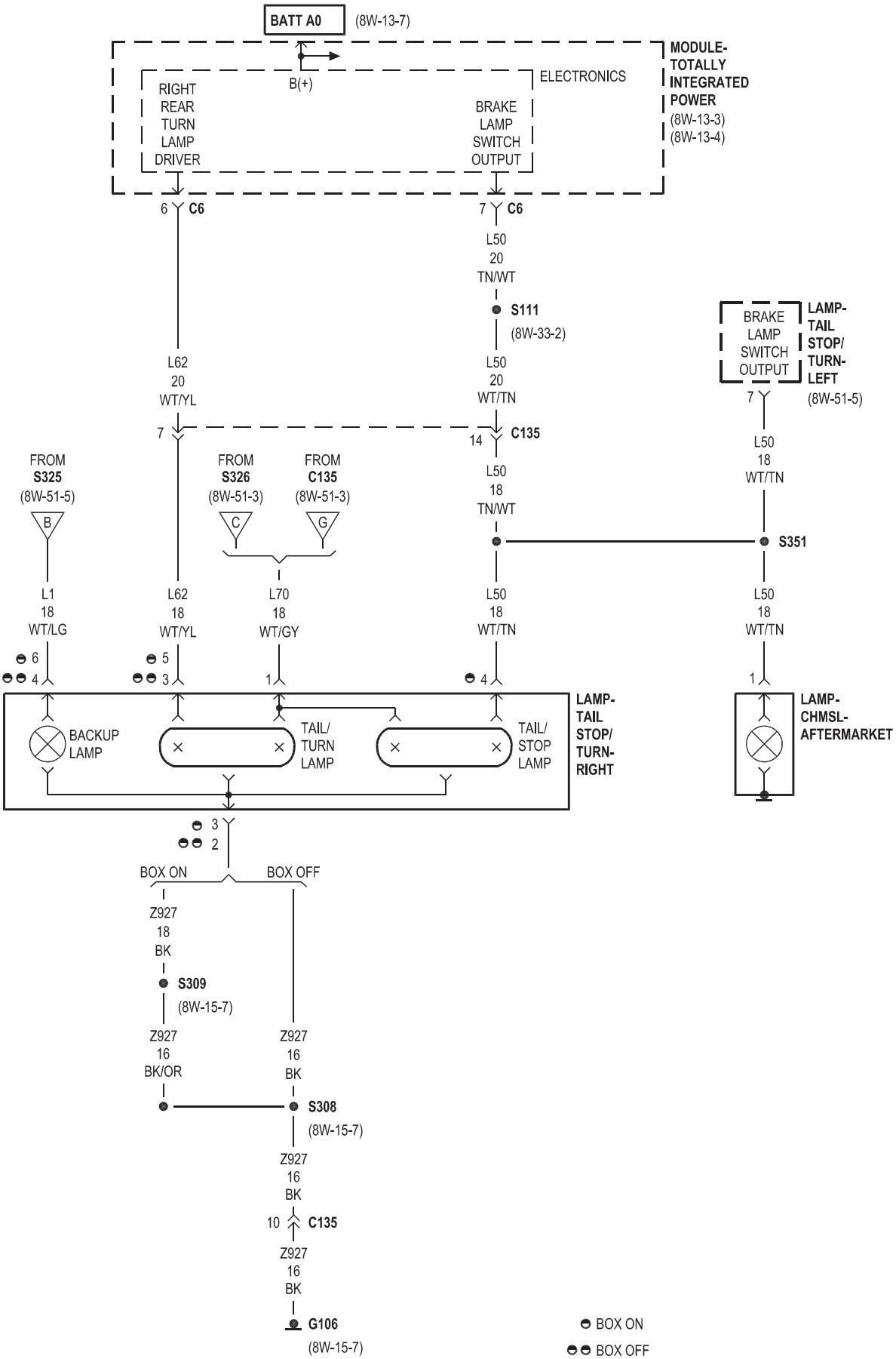
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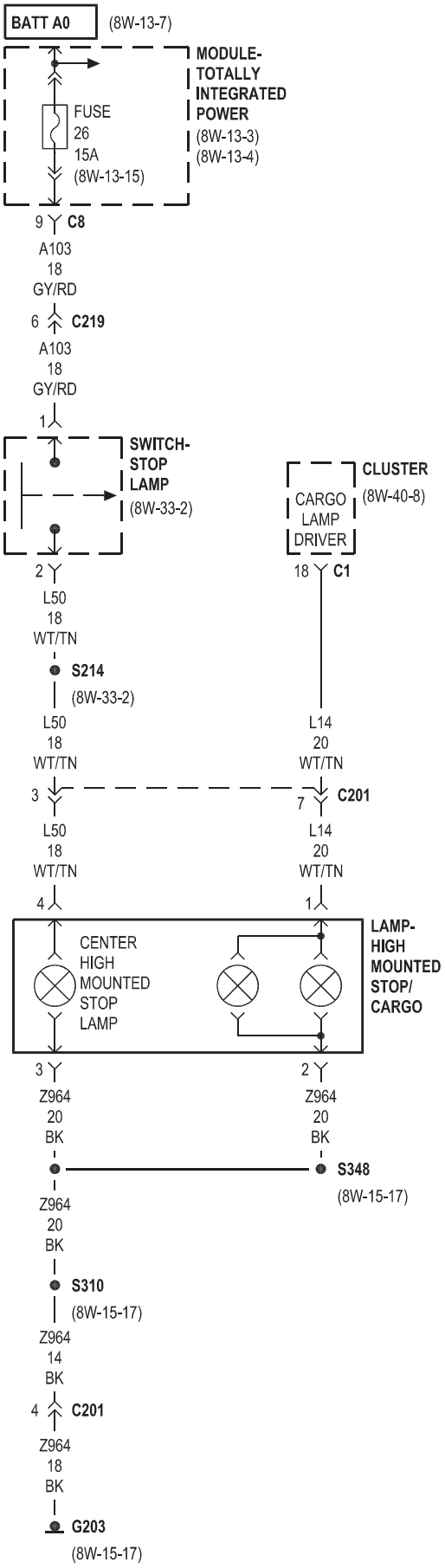
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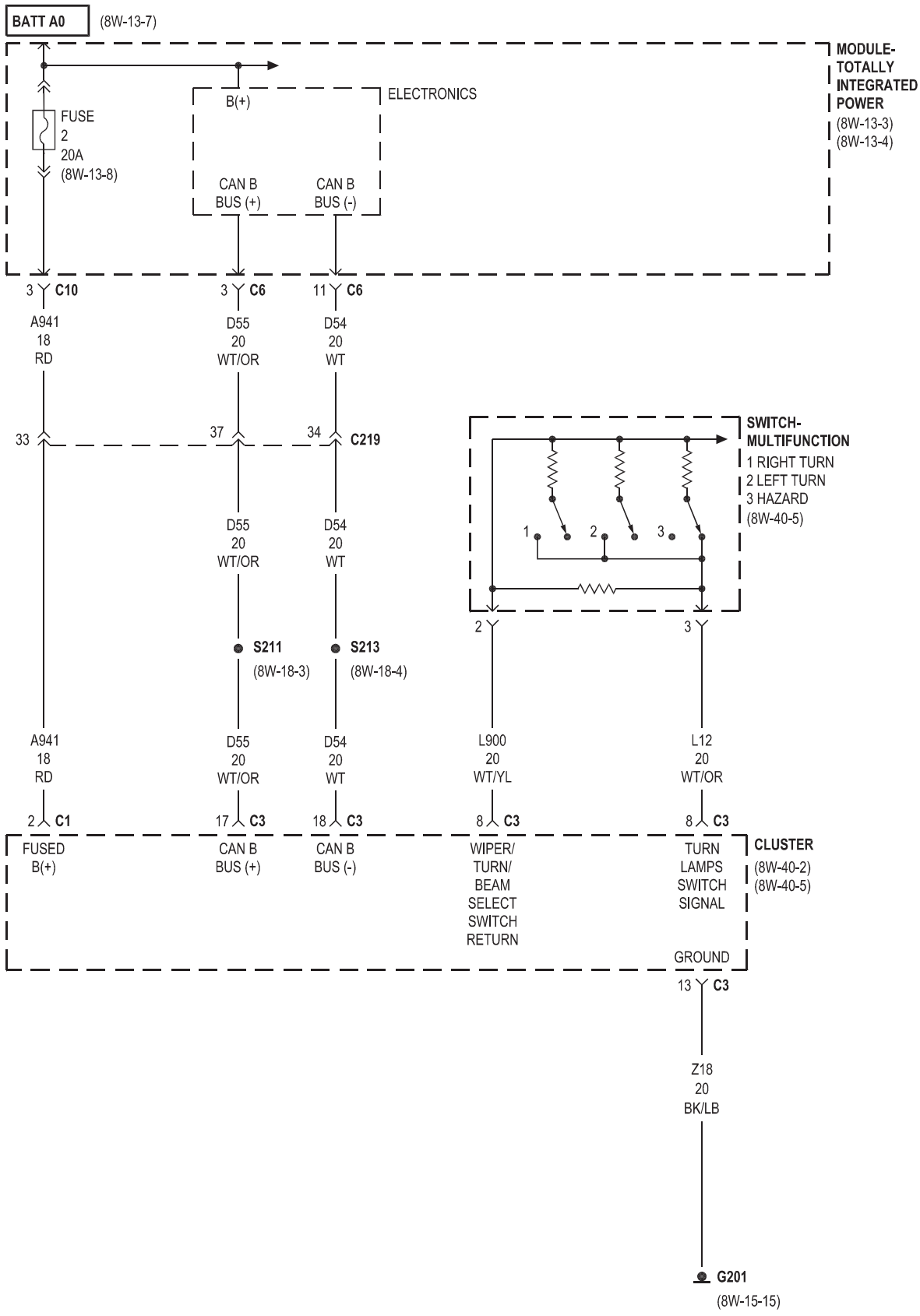
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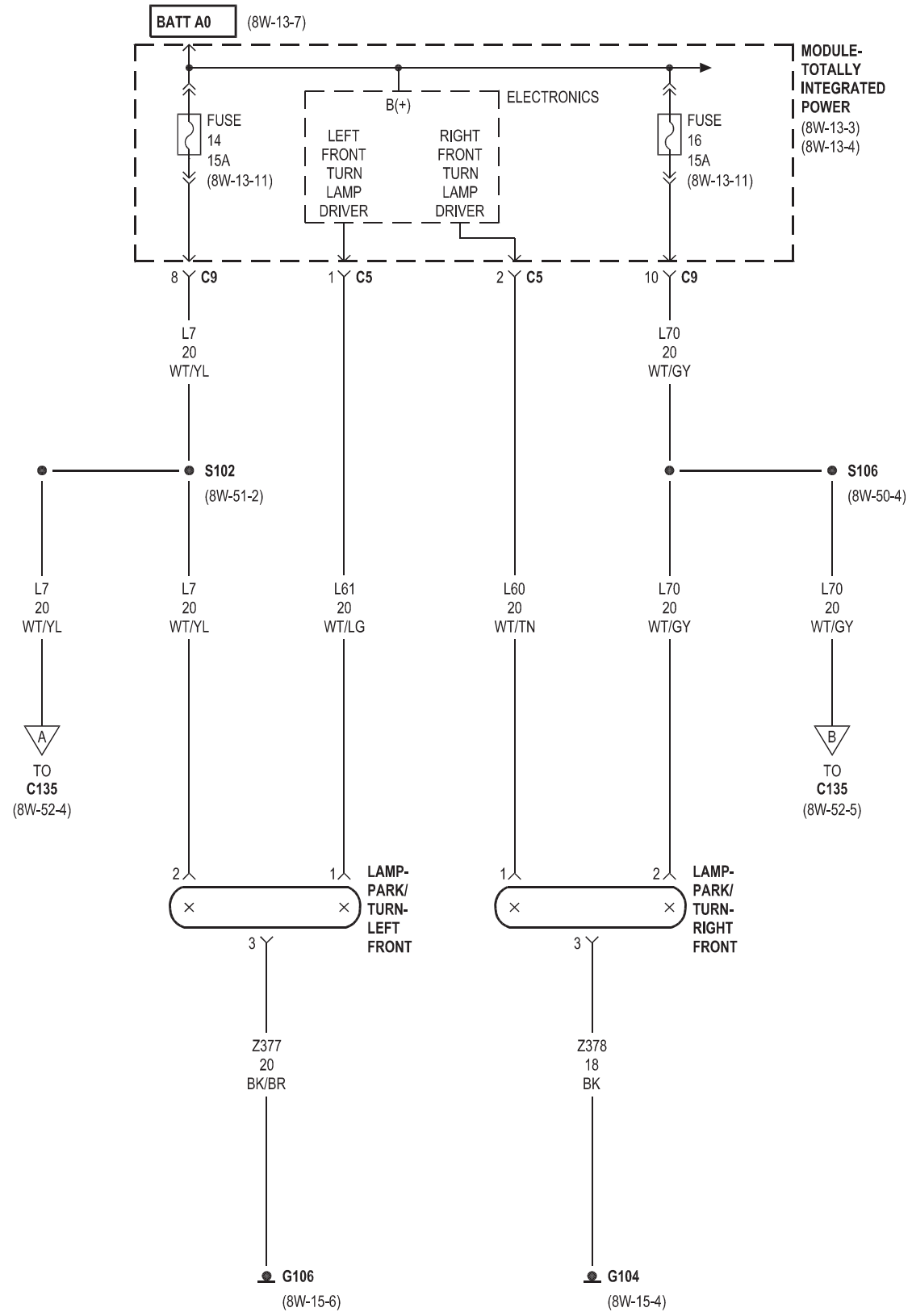
8W-52 TURN SIGNALS

Component	Page
Electronics	8W-52-2, 3, 4, 5, 6
Fuse 14	8W-52-3
Fuse 16	8W-52-3
Fuse 2	8W-52-2
G104	8W-52-3, 4
G106	8W-52-3, 5
G201	8W-52-2
Lamp-Park/Turn-Left Front	8W-52-3
Lamp-Park/Turn-Right Front	8W-52-3
Lamp-Tail Stop/Turn-Left	8W-52-4
Lamp-Tail Stop/Turn-Right	8W-52-5
Module-Totally Integrated Power	8W-52-2, 3, 4, 5, 6
Switch-Multifunction	8W-52-2
Wiring-Trailer Tow	8W-52-6
Wiring-Trailer Tow 4-Way	8W-52-6
Wiring-Trailer Tow 7-Way	8W-52-6

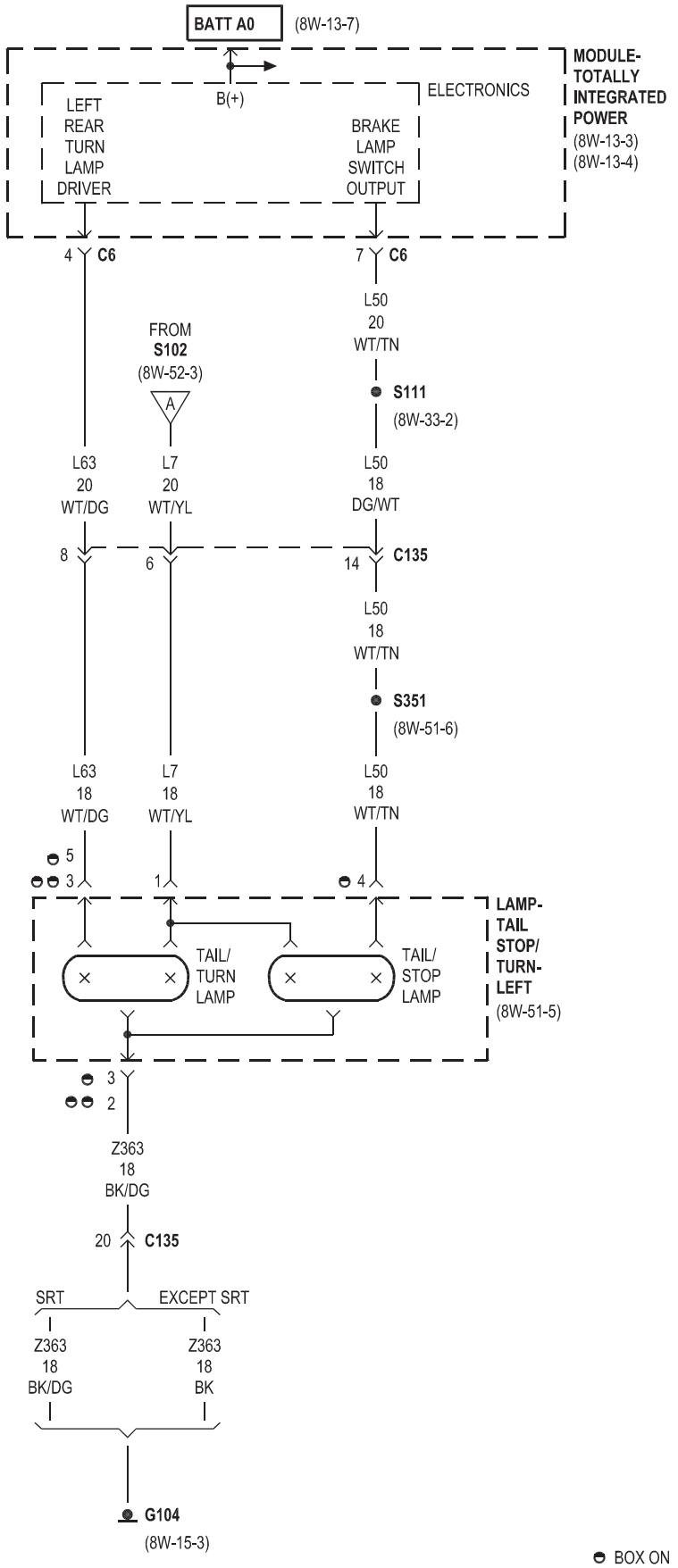
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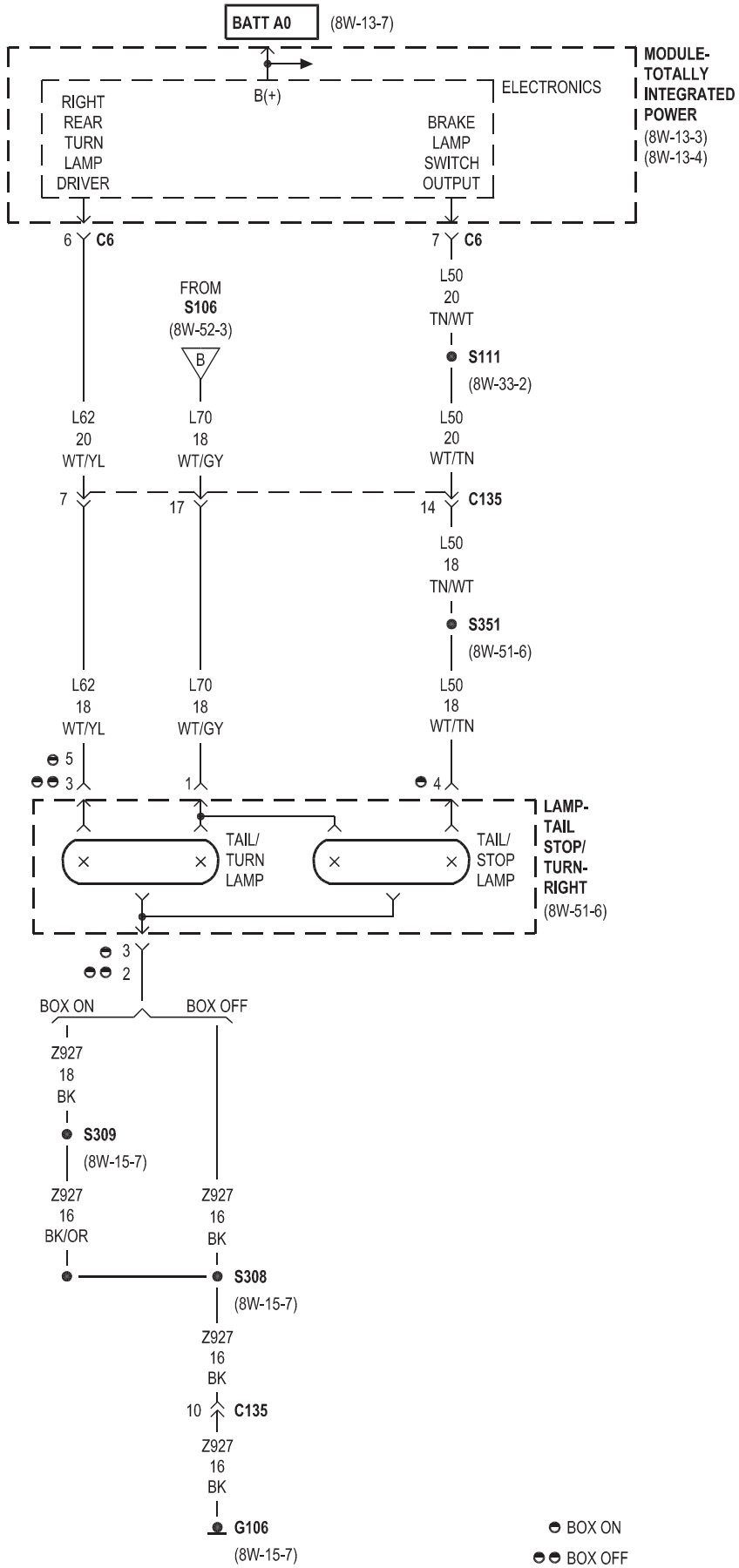
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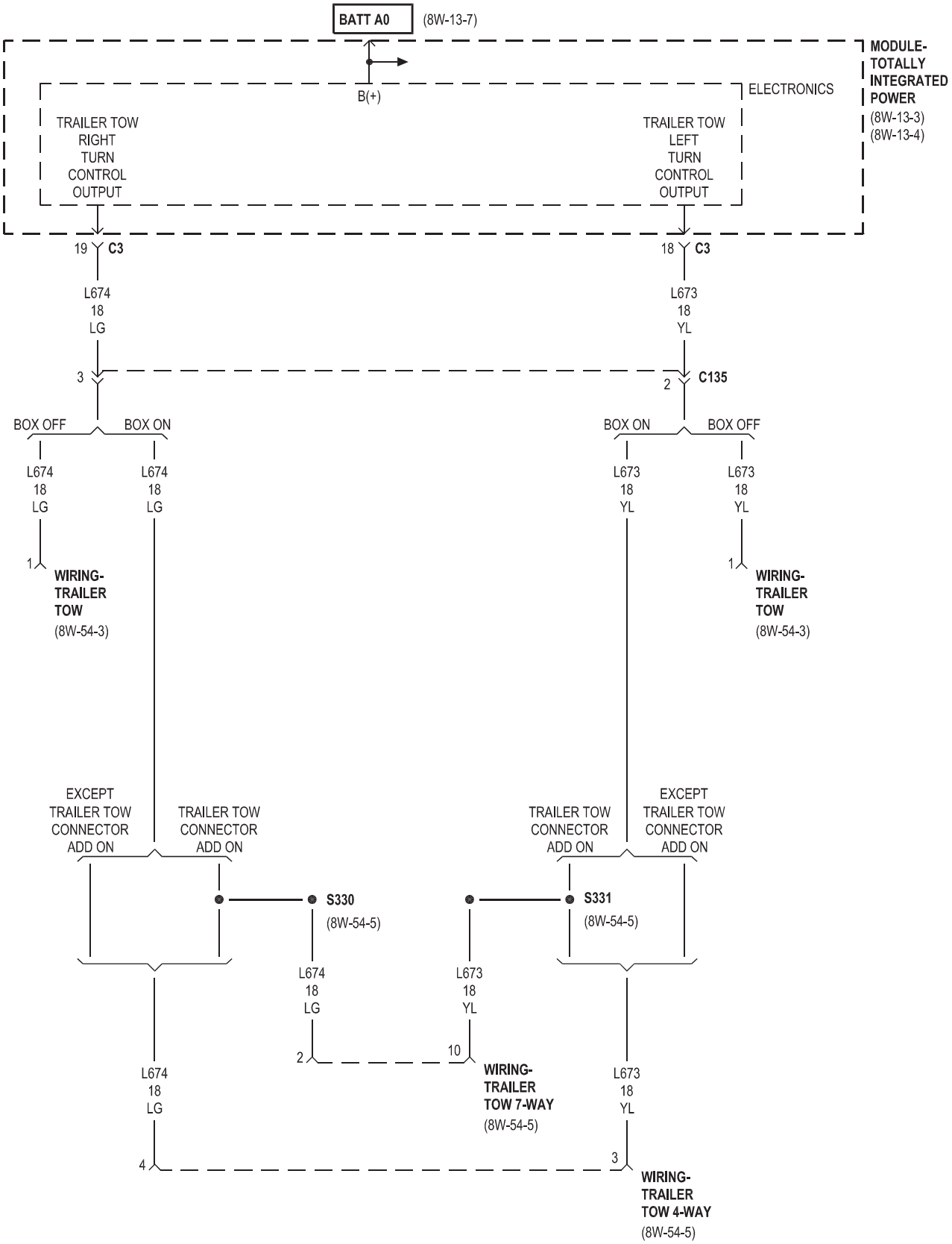
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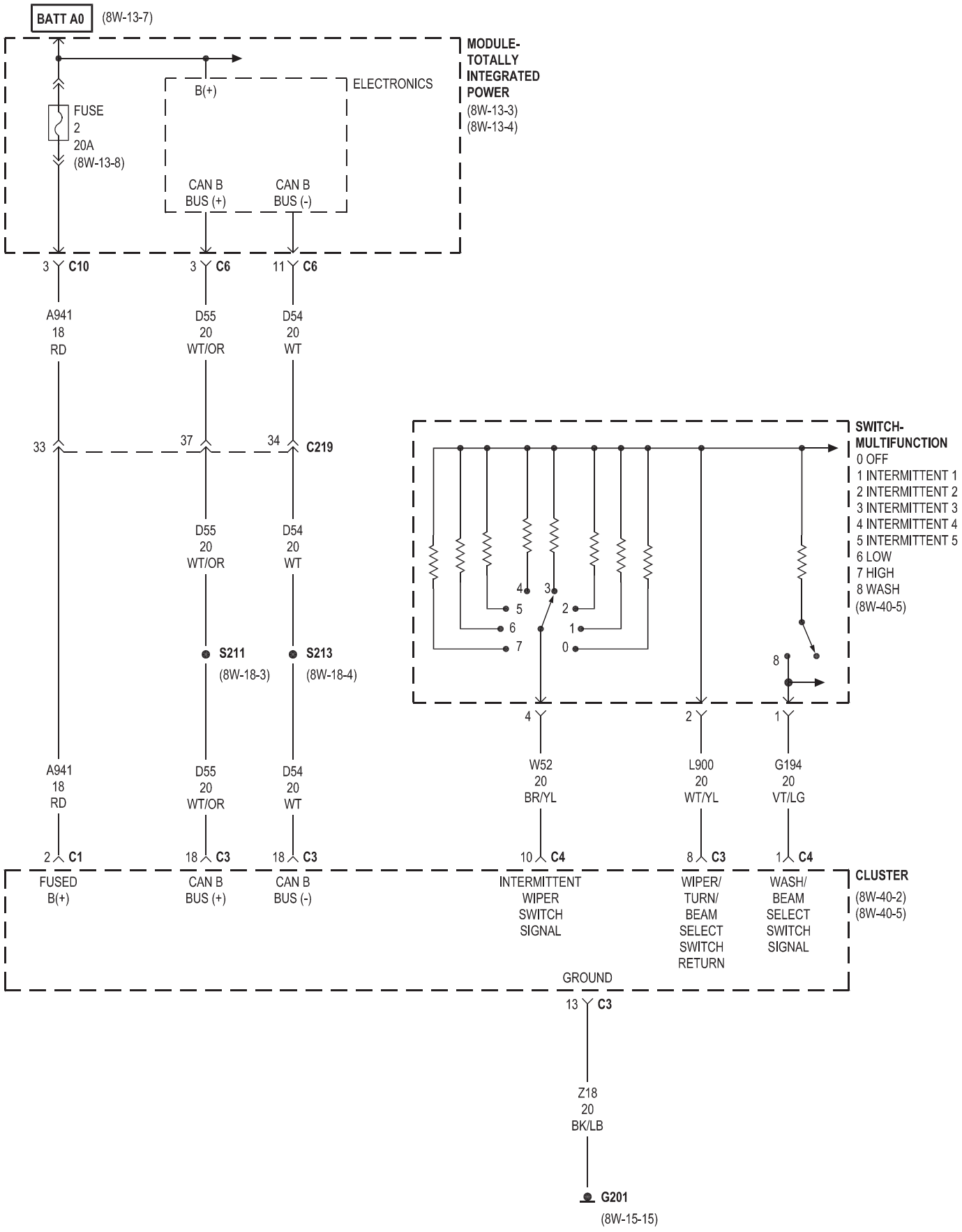


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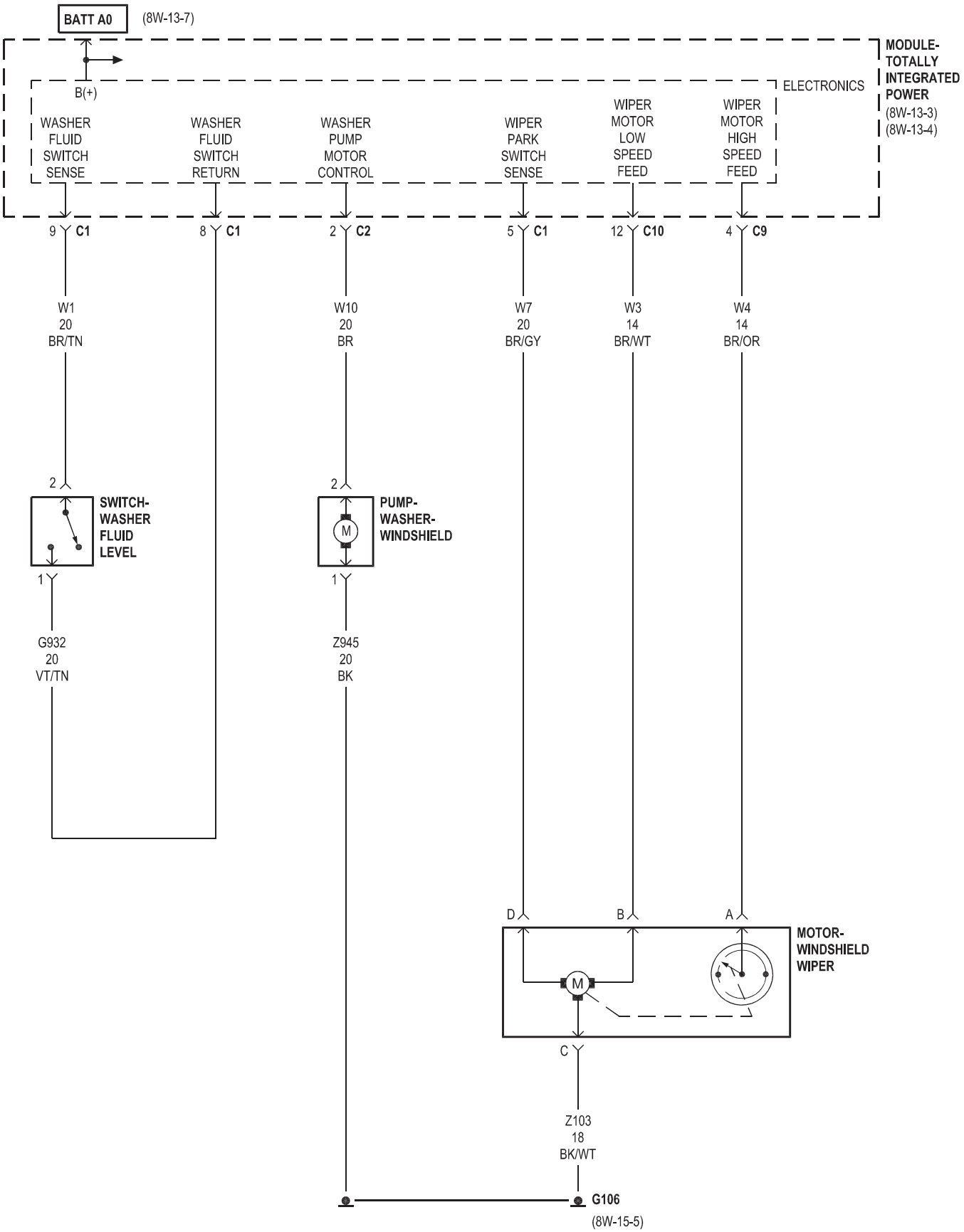
8W-53 WIPERS

Component	Page
Electronics	8W-53-2, 3
Fuse 2	8W-53-2
G106	8W-53-3
G201	8W-53-2
Module-Totally Integrated Power	8W-53-2, 3
Motor-Windshield Wiper	8W-53-3
Pump-Washer-Windshield	8W-53-3
Switch-Multifunction	8W-53-2
Switch-Washer Fluid Level	8W-53-3

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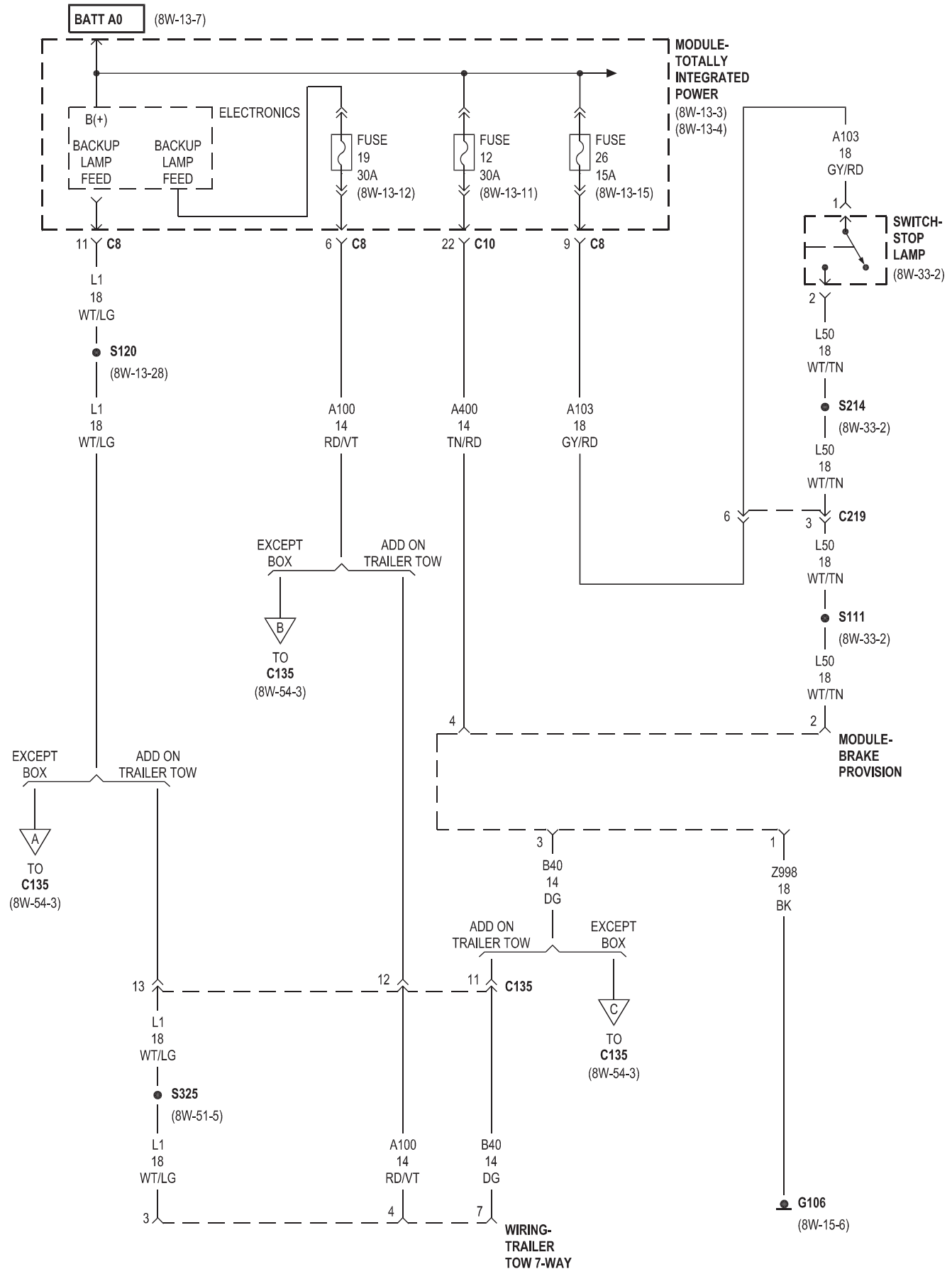
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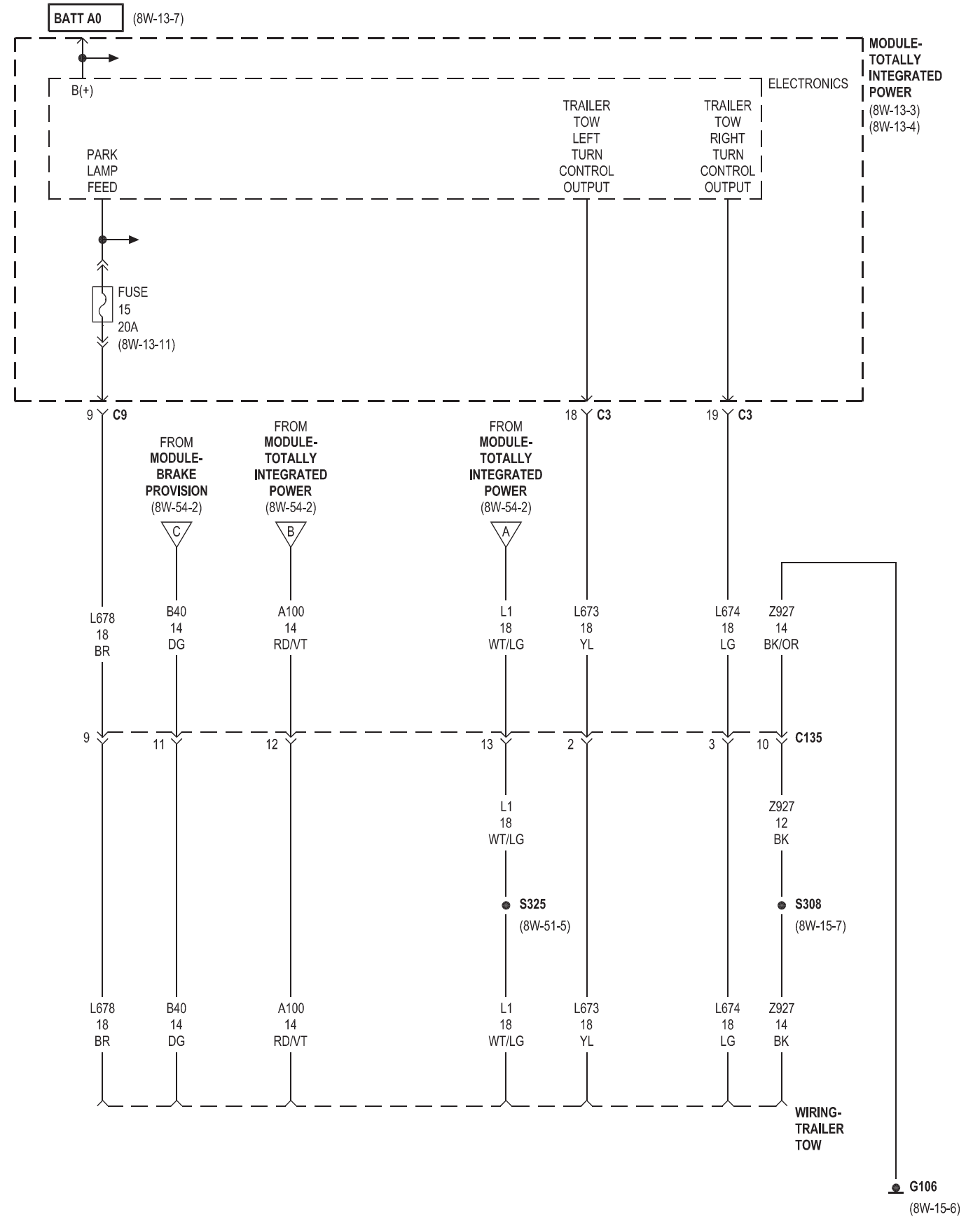
8W-54 TRAILER TOW

Component	Page
Fuse 12	8W-54-2
Fuse 15	8W-54-3, 4, 5
Fuse 19	8W-54-2
Fuse 26	8W-54-2
G106	8W-54-2, 3, 4, 6
Module-Brake Provision	8W-54-2, 3
Module-Totally Integrated Power	8W-54-2, 3, 4, 5
Switch-Stop Lamp	8W-54-2
Wiring-Trailer Tow	8W-54-3
Wiring-Trailer Tow 4-Way	8W-54-4, 5, 6
Wiring-Trailer Tow 7-Way	8W-54-2, 5, 6

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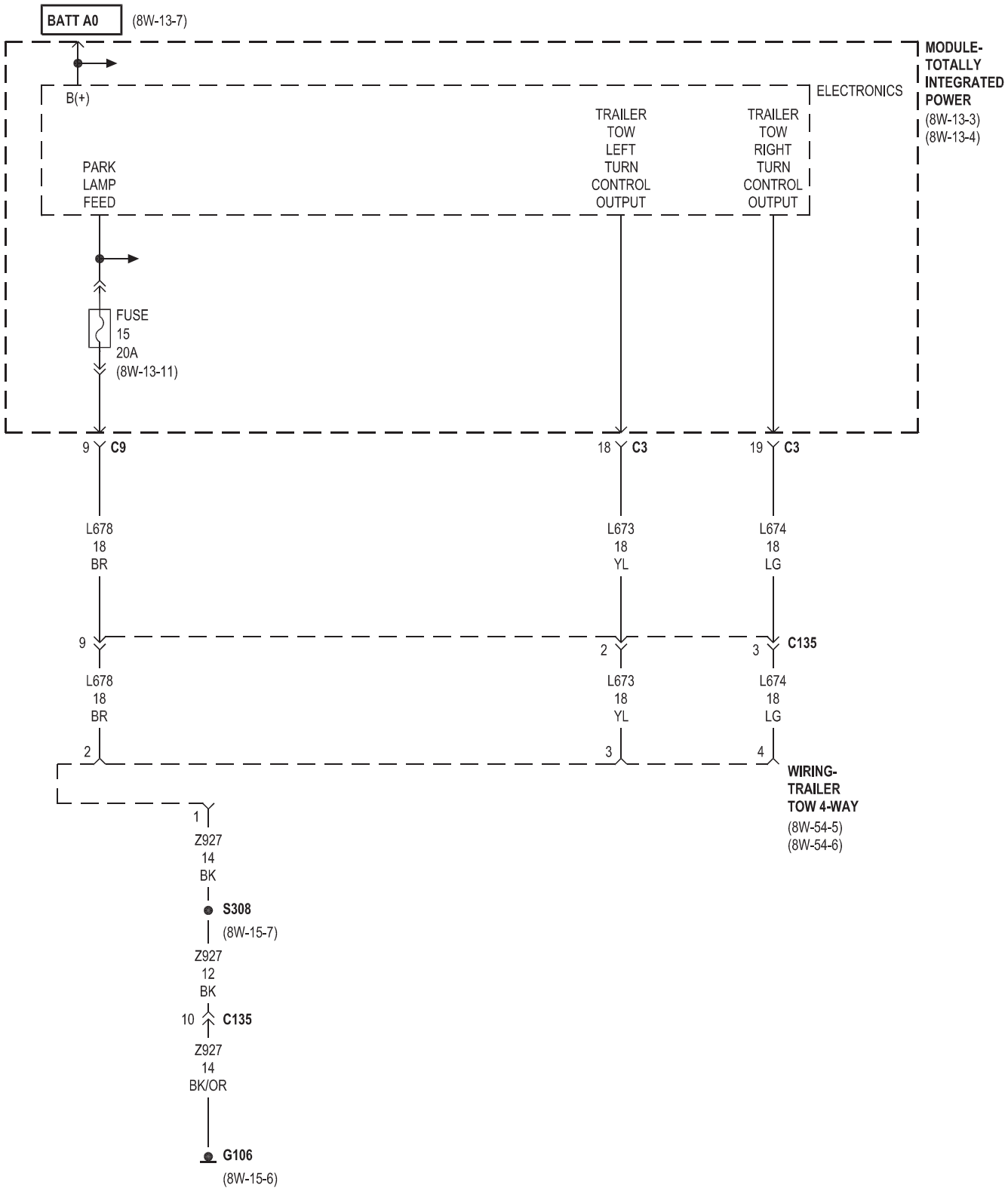


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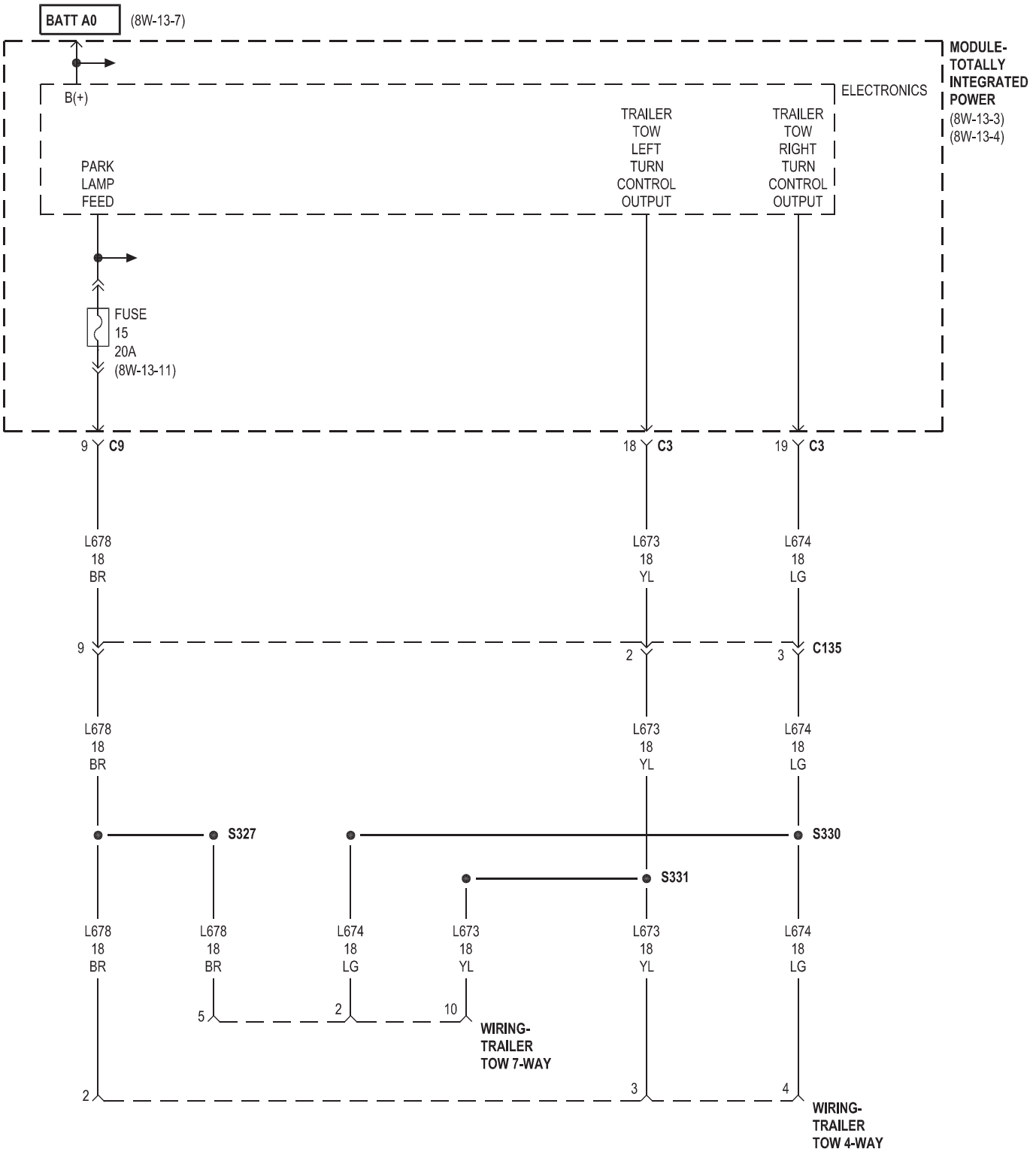
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EXCEPT ADD ON TRAILER TOW

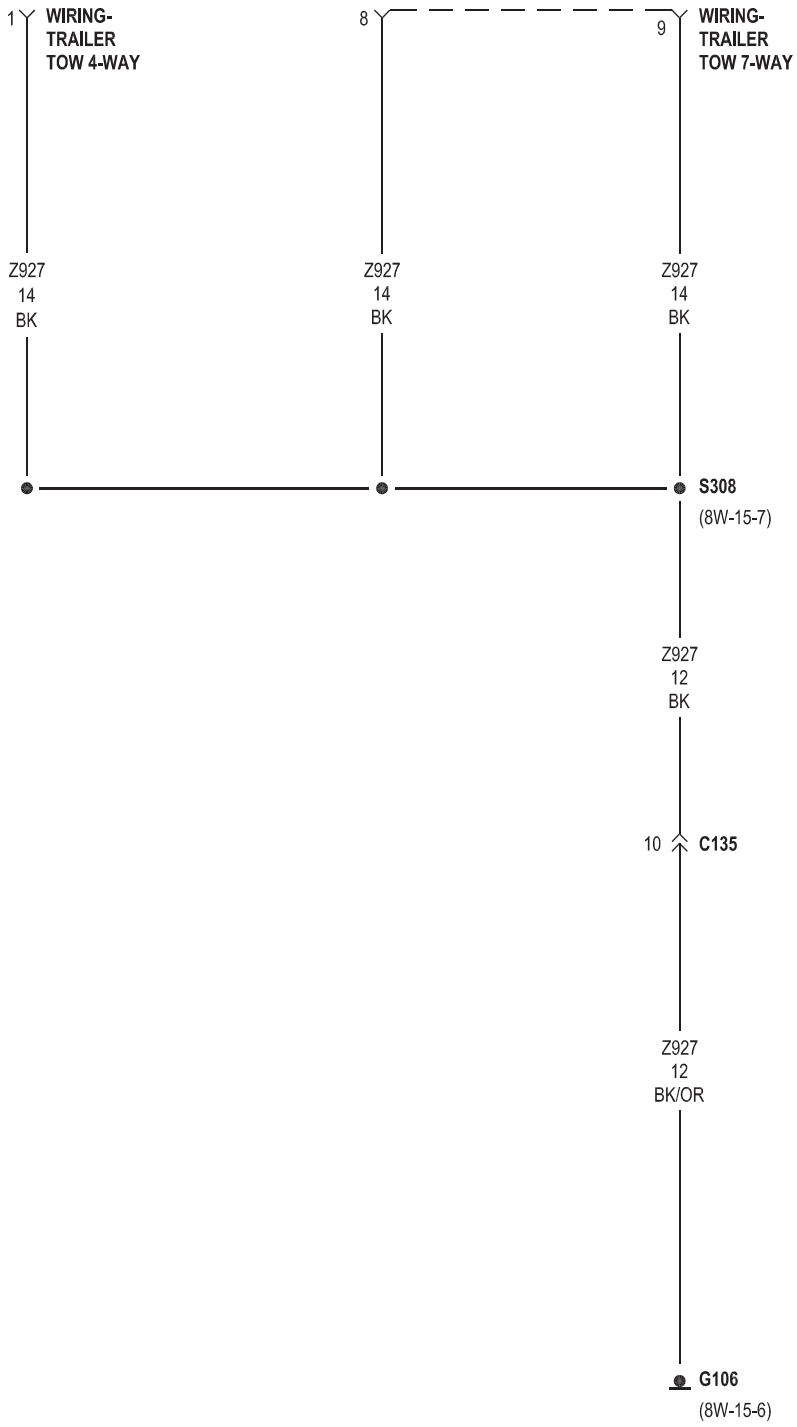


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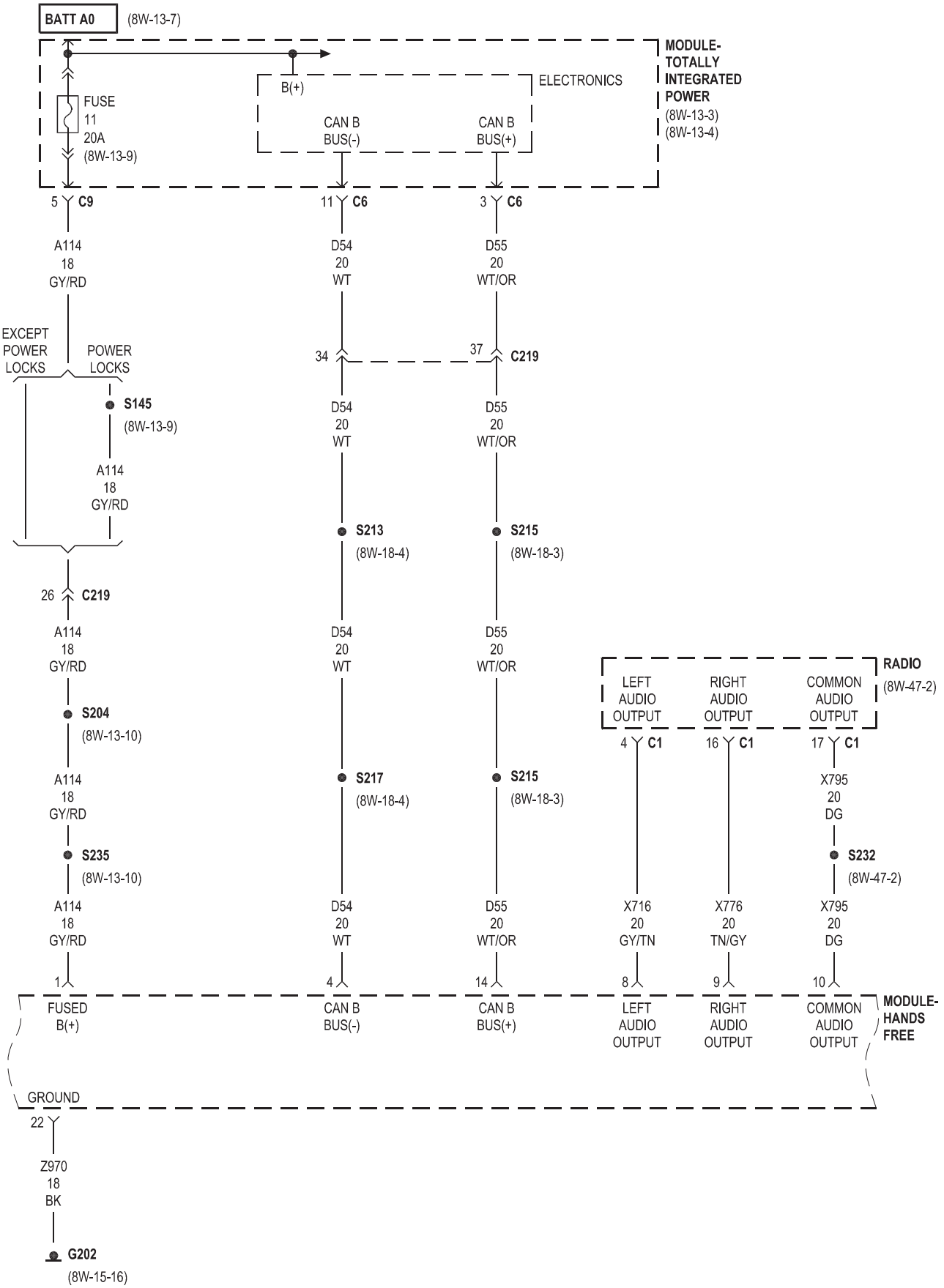
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8W-55 NAVIGATION/TELECOMMUNICATIONS

Component	Page
Fuse 11	8W-55-2
Fuse 29	8W-55-3
G201	8W-55-3
G202	8W-55-2
Mirror-Inside Rearview	8W-55-3
Module-Hands Free	8W-55-2, 3
Module-Totally Integrated Power	8W-55-2, 3
Radio	8W-55-2

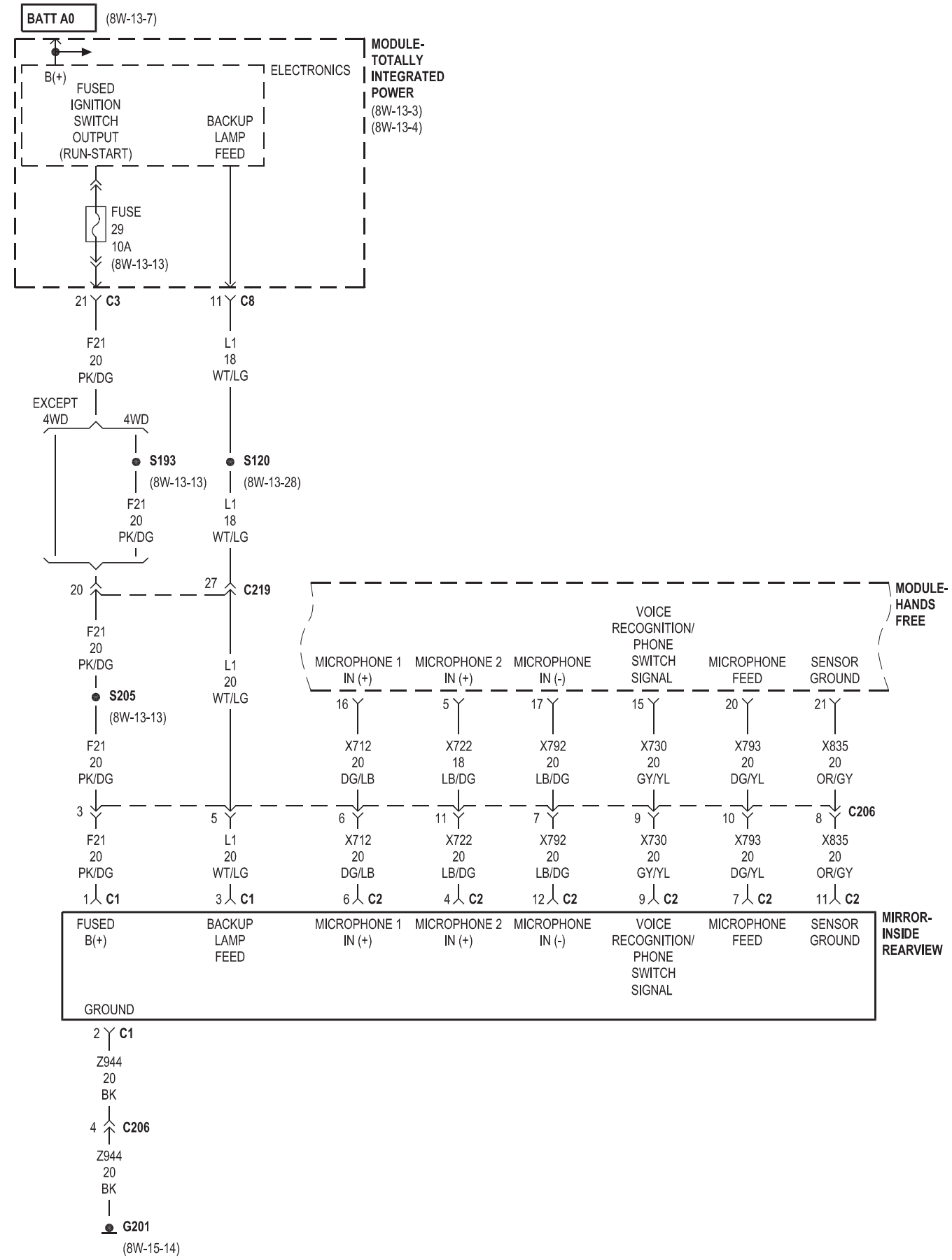
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HANDS FREE



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HANDS FREE



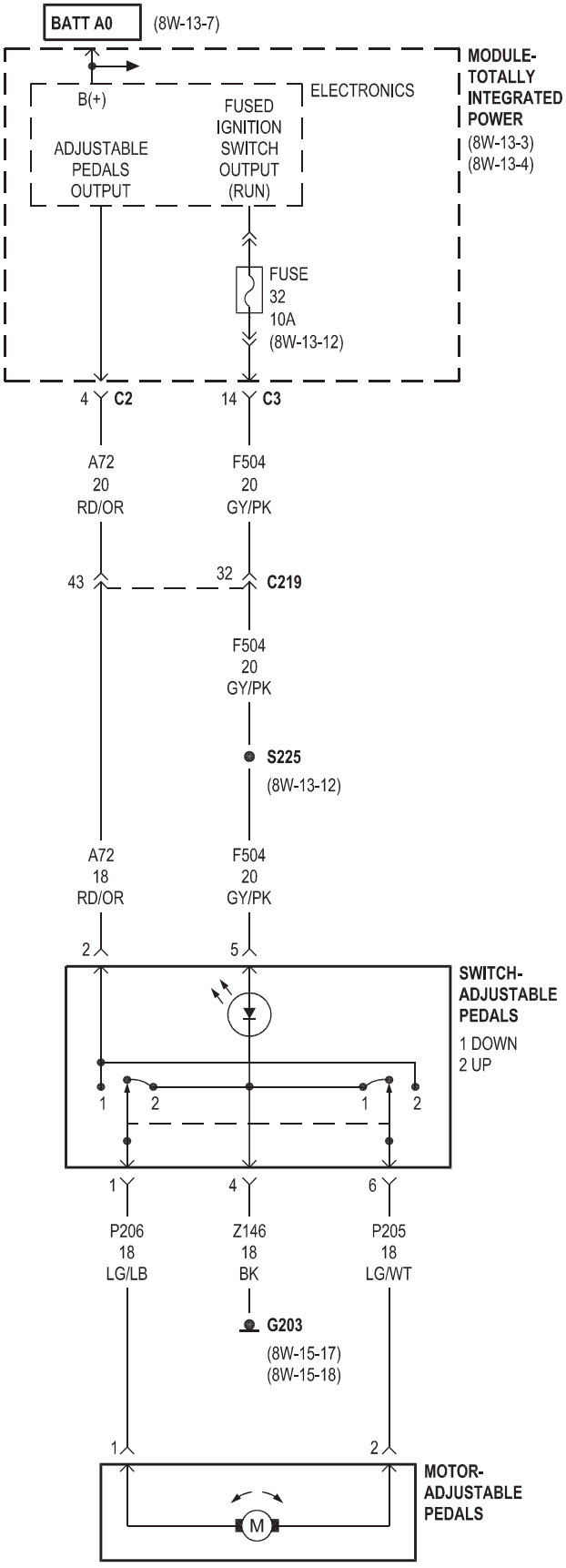
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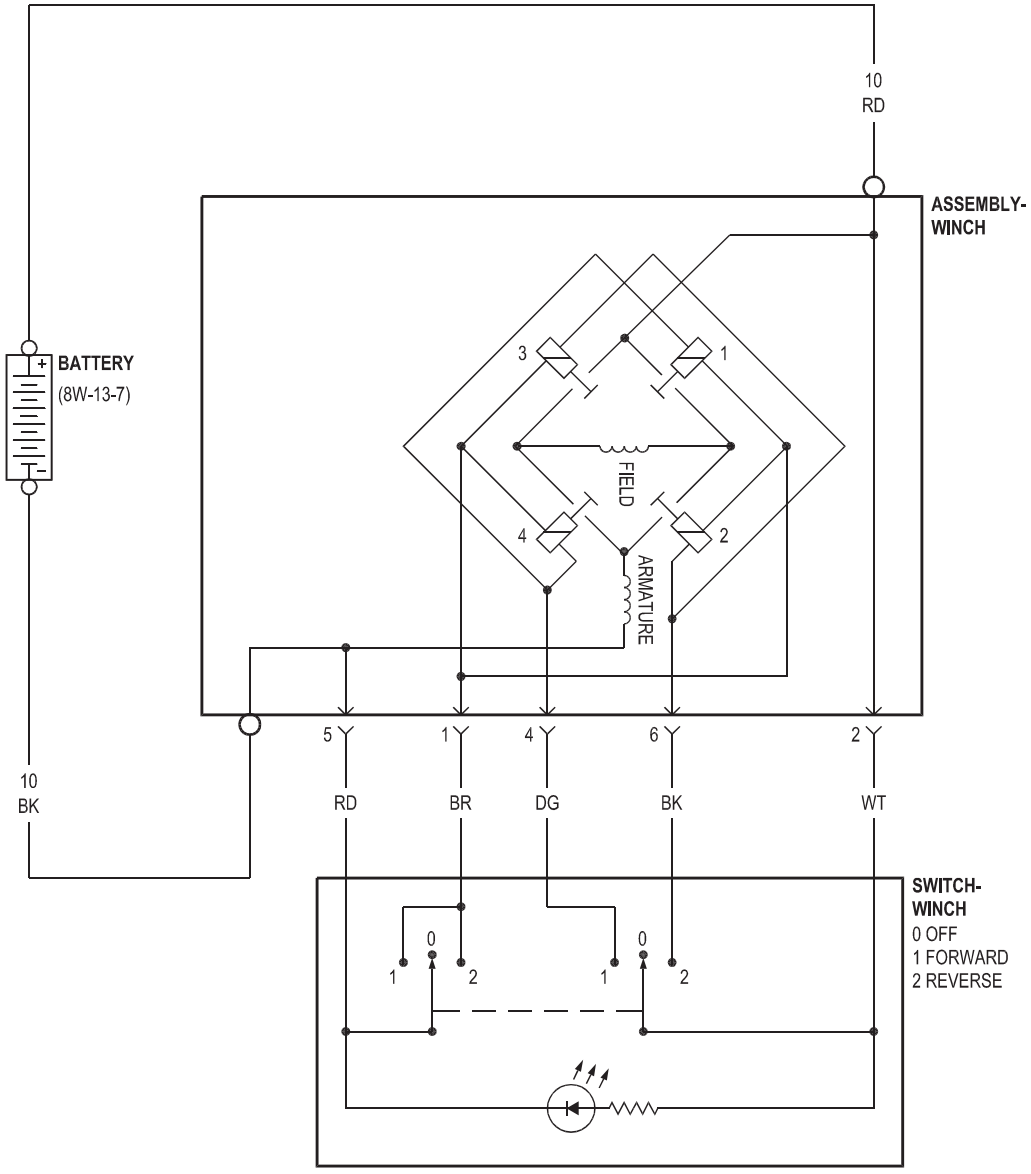
8W-56 CONVENIENCE SYSTEMS

Component	Page	Component	Page
Battery	8W-56-3	Module-Totally Integrated Power	8W-56-2
Electronics	8W-56-2	Motor-Adjustable Pedal	8W-56-2
Fuse 32	8W-56-2	Switch-Adjustable Pedals	8W-56-2
G203	8W-56-2	Switch-Winch	8W-56-3

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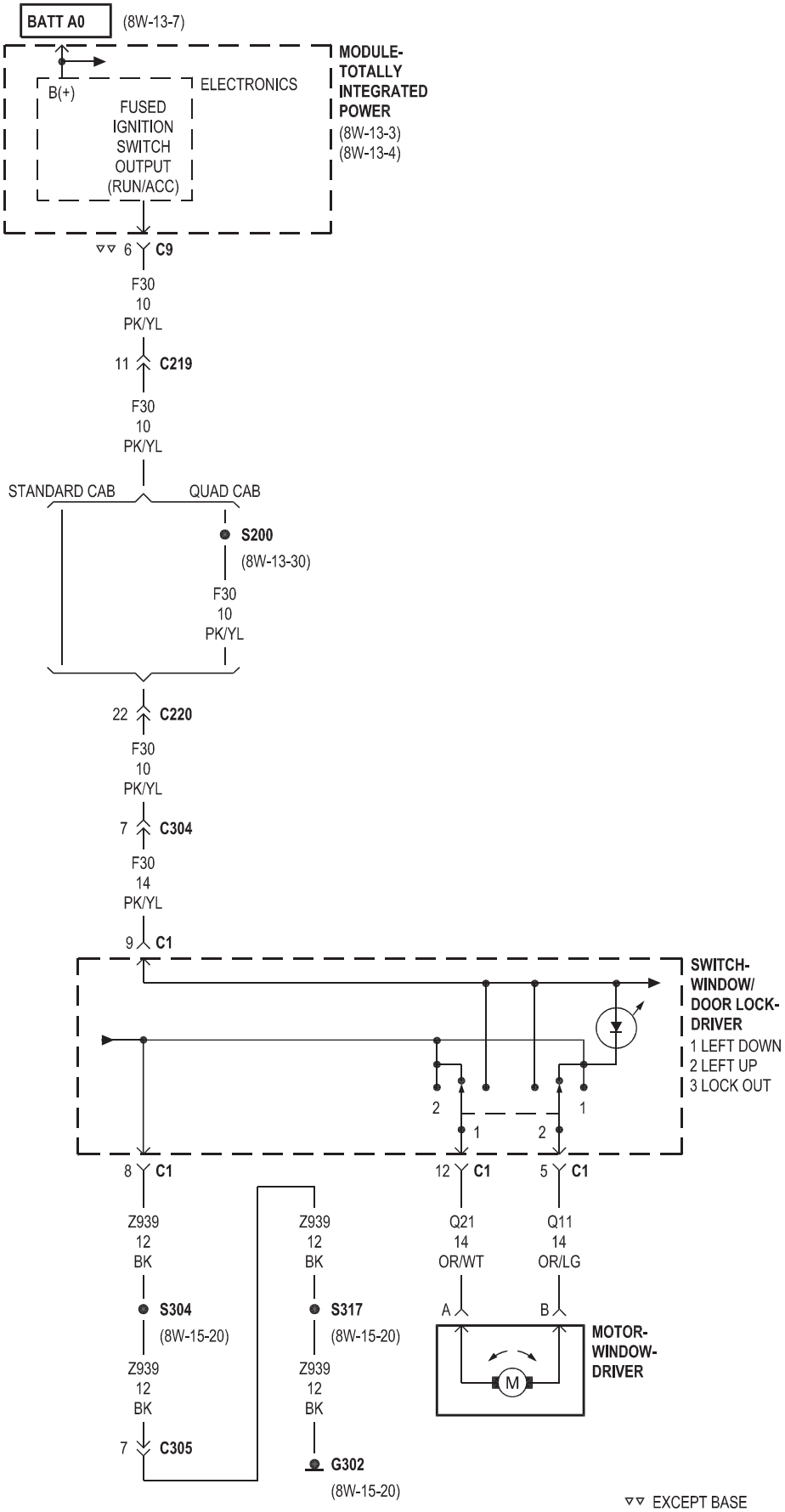
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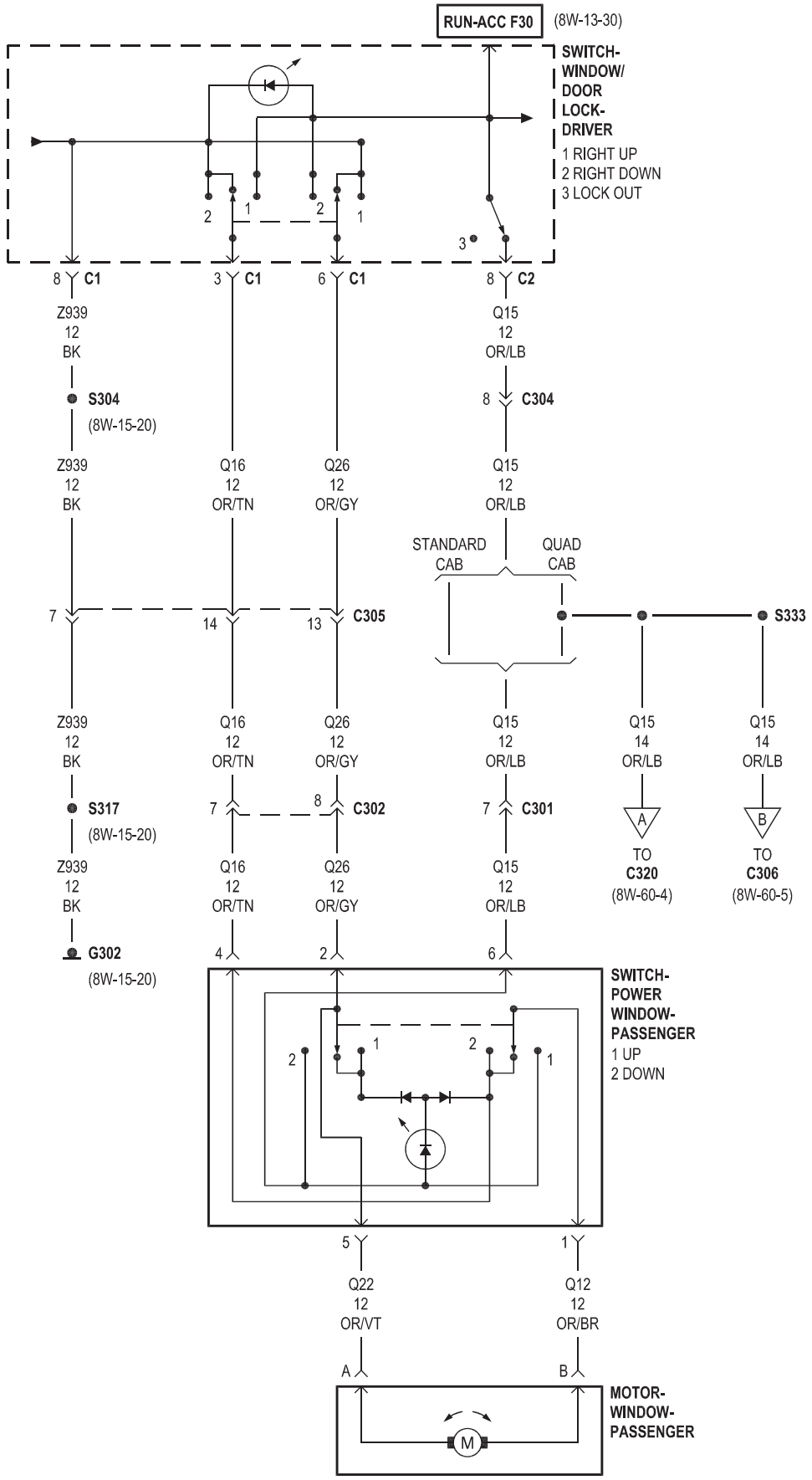
8W-60 POWER WINDOWS

Component	Page
Electronics	8W-60-2, 6
G203	8W-60-6
G302	8W-60-2, 3, 4, 5
Module-Totally Integrated Power	8W-60-2, 6
Motor-Power Sliding Backlite	8W-60-6
Motor-Window Driver	8W-60-2
Motor-Window-Left Rear	8W-60-5
Motor-Window-Passenger	8W-60-3
Motor-Window-Right Rear	8W-60-4
Switch-Power Sliding Backlite	8W-60-6
Switch-Power Window-Left Rear	8W-60-5
Switch-Power Window-Passenger	8W-60-3
Switch-Power Window-Right Rear	8W-60-4
Switch-Window/Door Lock-Driver	8W-60-2, 3, 4, 5

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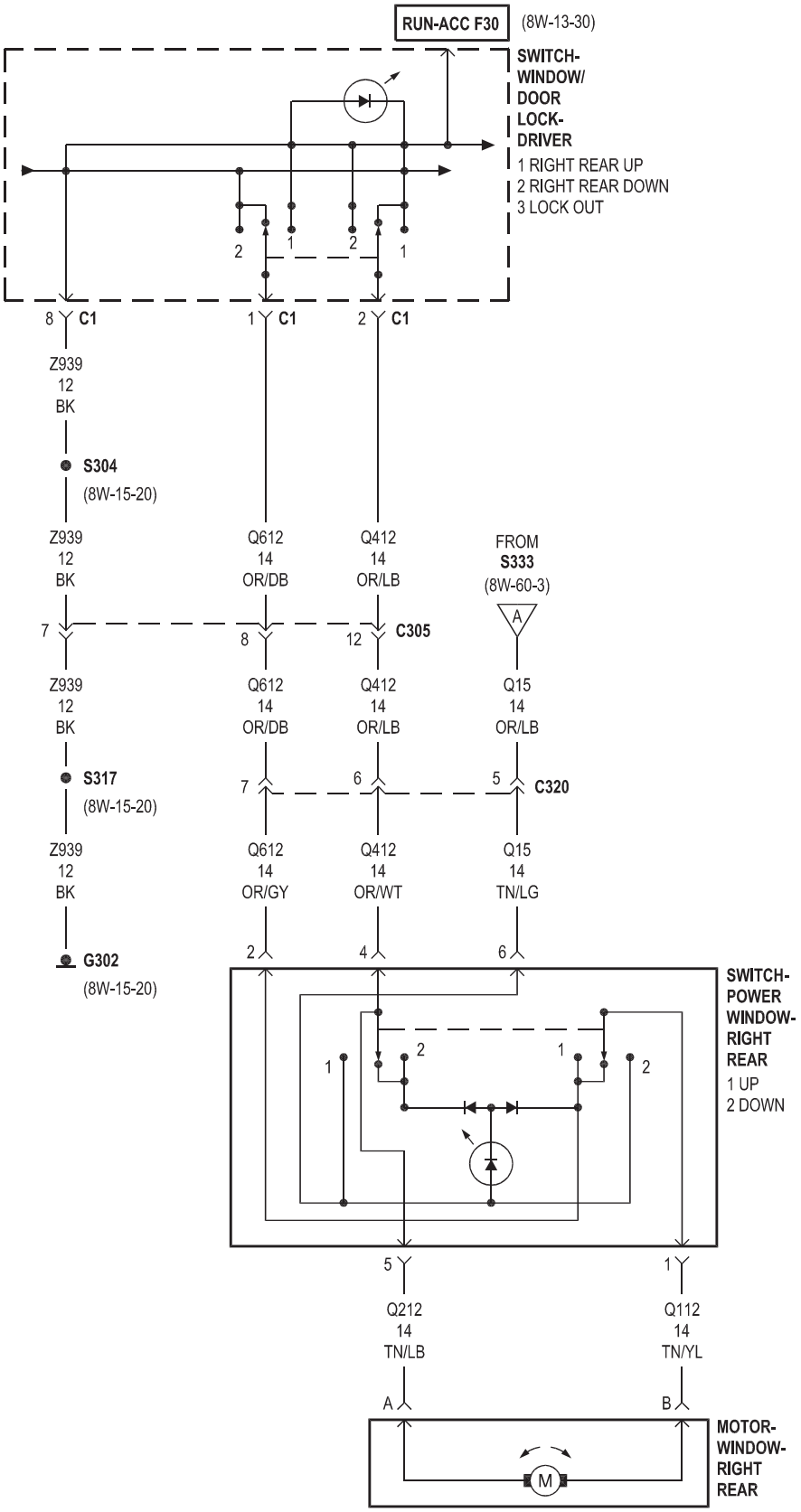


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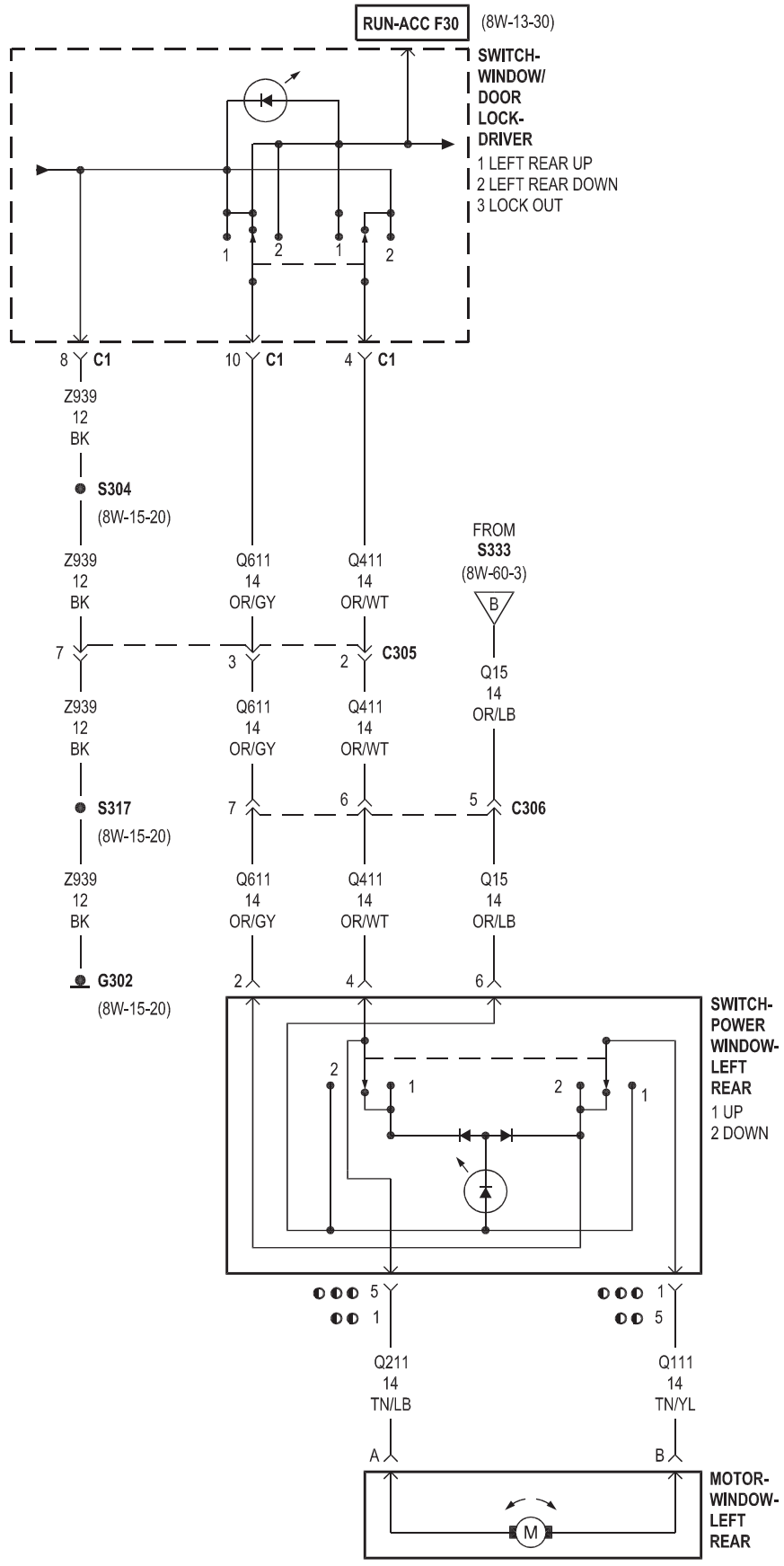
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QUAD CAB



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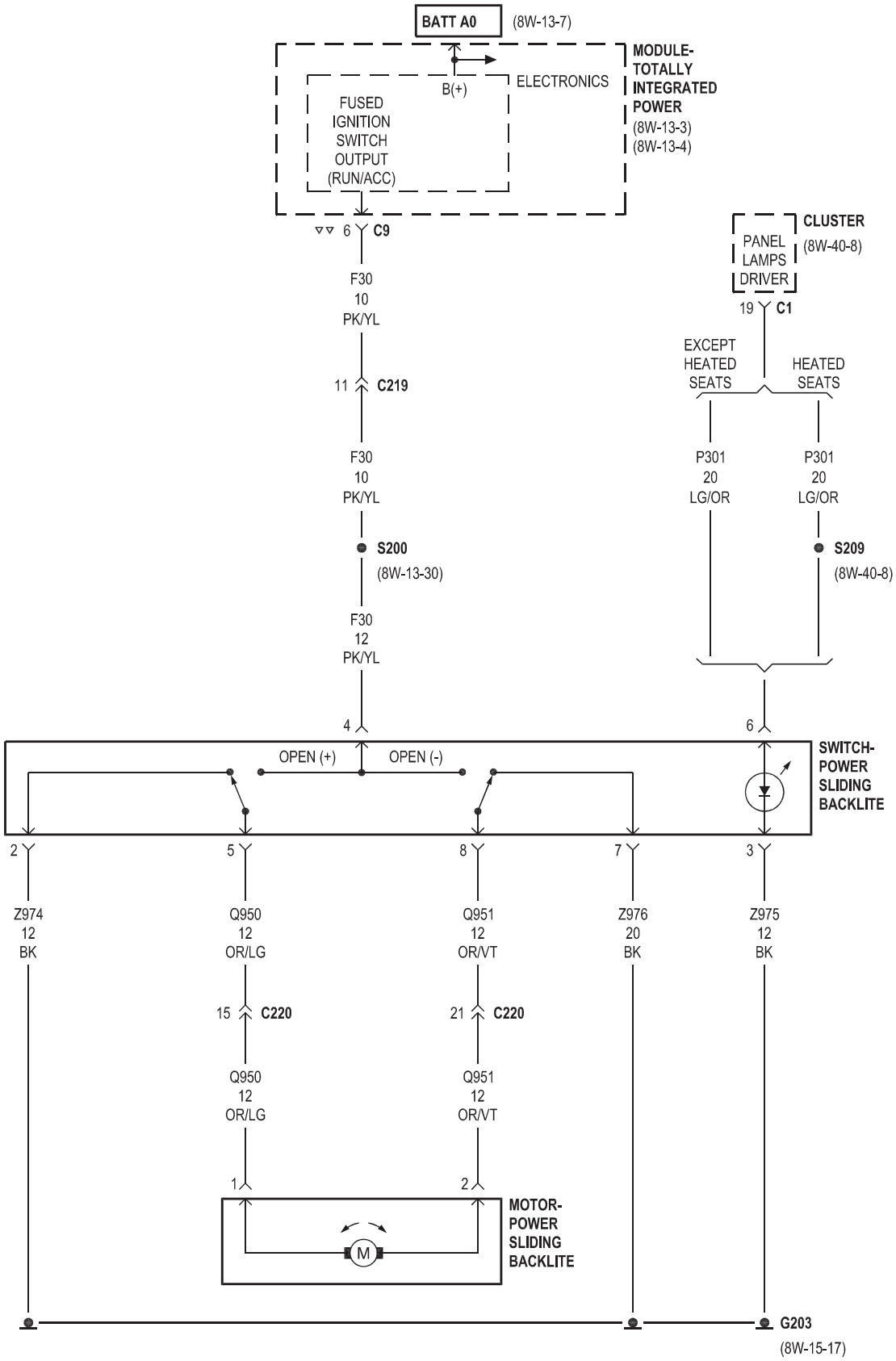


◐◐ MEGA CAB

◐◐◐ EXCEPT MEGA CAB

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POWER SLIDING BACKLITE



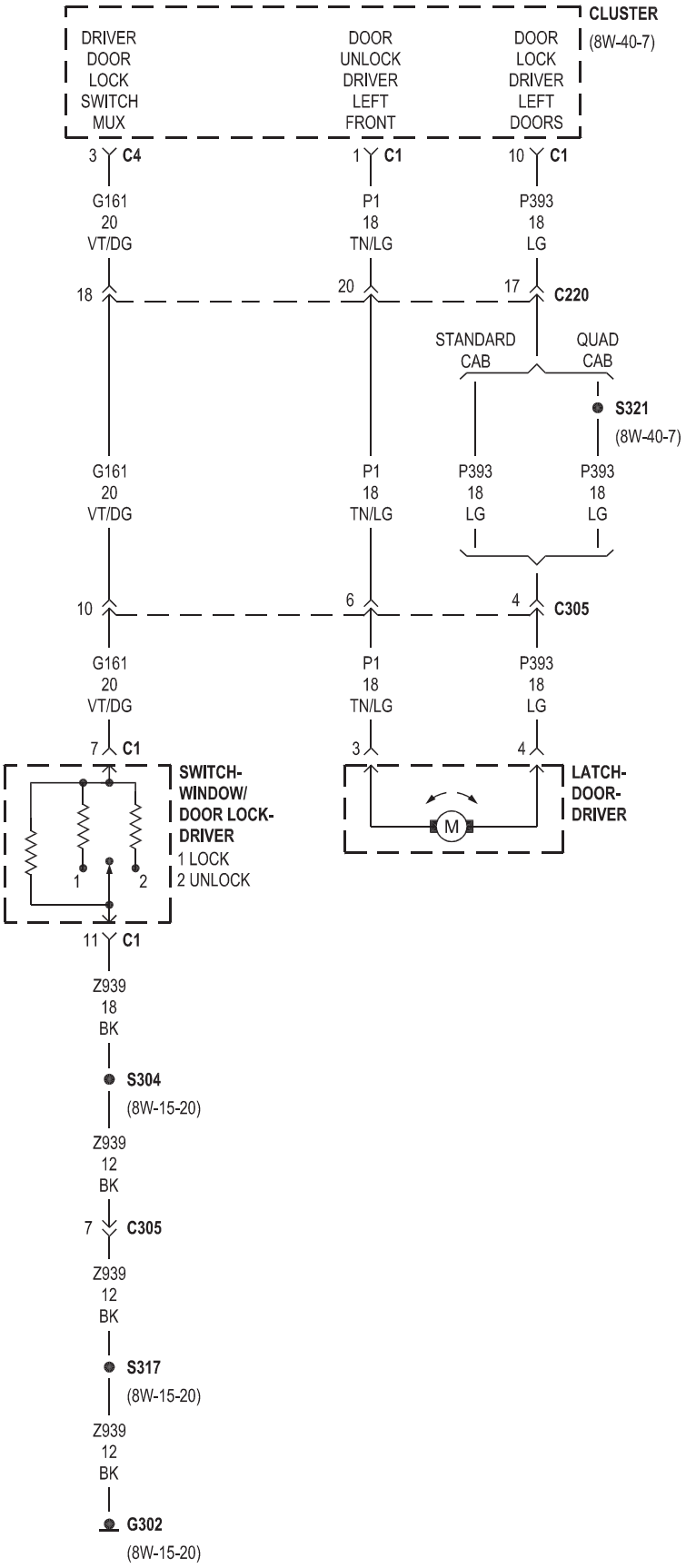
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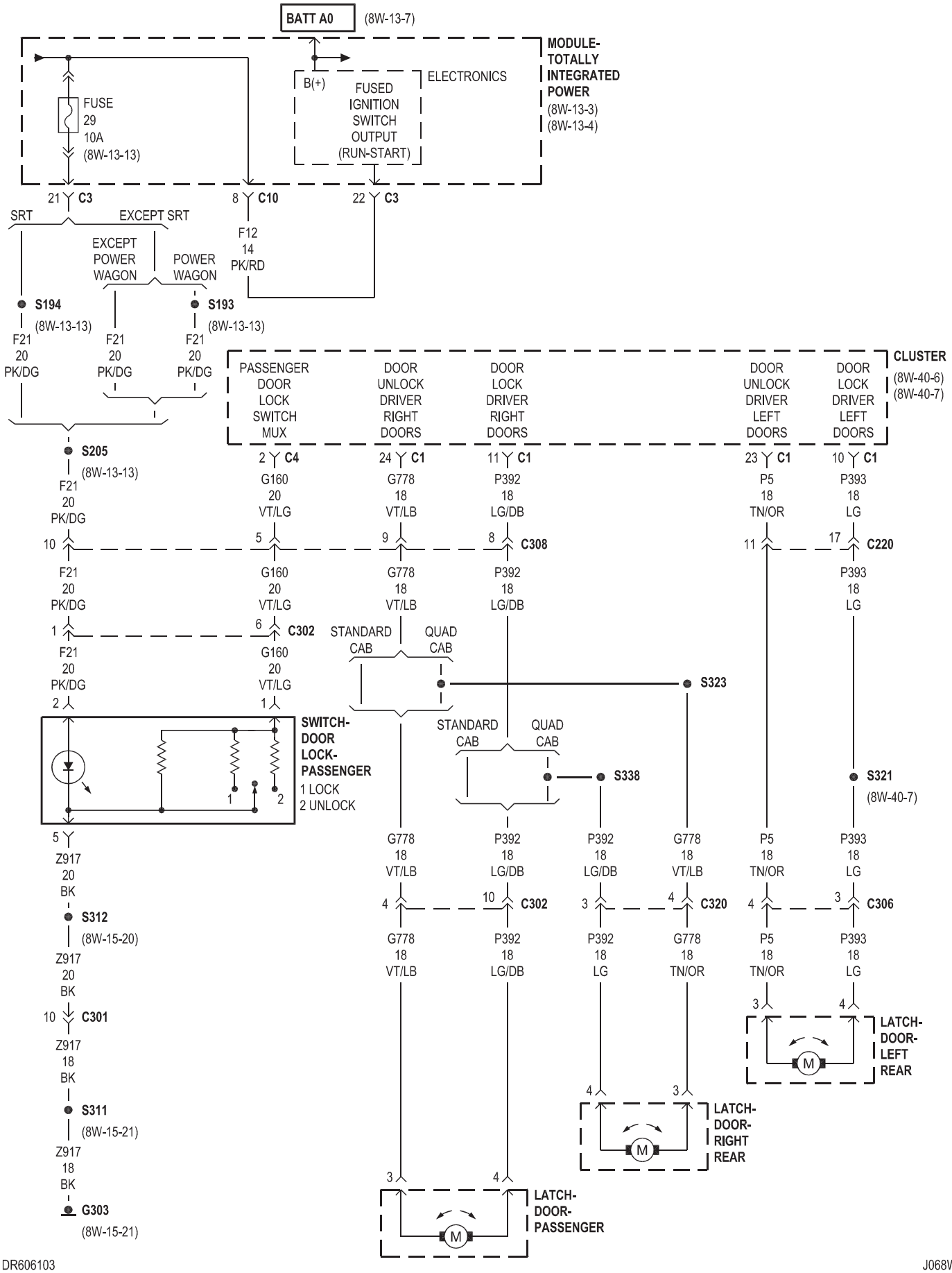
8W-61 POWER DOOR LOCKS

Component	Page
Electronics	8W-61-3
Fuse 29	8W-61-3
G302	8W-61-2
G303	8W-61-3
Latch-Door-Driver	8W-61-2
Latch-Door-Left Rear	8W-61-3
Latch-Door-Passenger	8W-61-3
Latch-Door-Right Rear	8W-61-3
Module-Totally Integrated Power	8W-61-3
Switch-Door Lock-Passenger	8W-61-3
Switch-Window/Door Lock-Driver	8W-61-2

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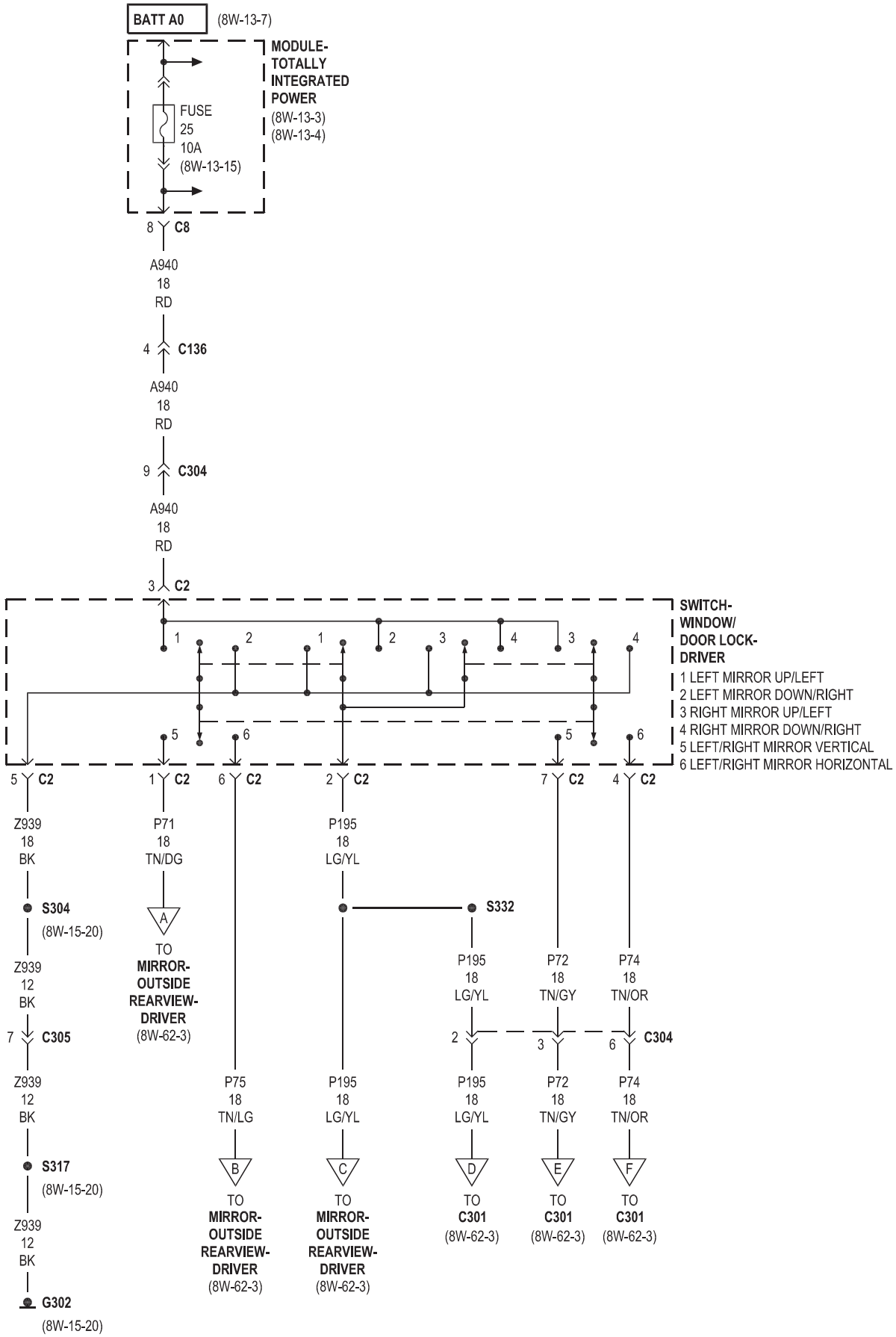
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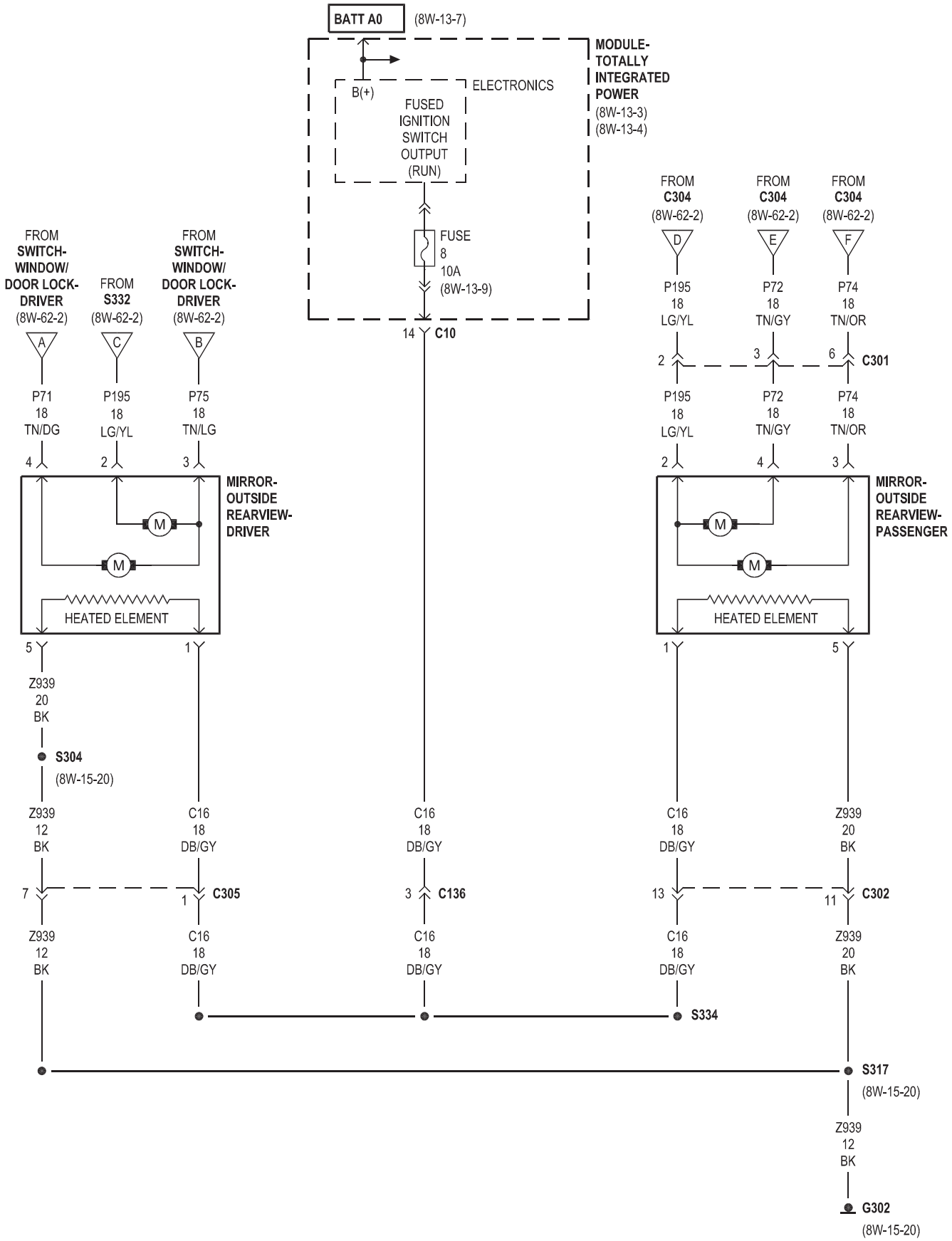
8W-62 POWER MIRRORS

Component	Page
Fuse 25	8W-62-2
Fuse 8	8W-62-3
G302	8W-62-2, 3
Mirror-Outside Rearview-Driver	8W-62-2, 3
Mirror-Outside Rearview-Passenger	8W-62-3
Module-Totally Integrated Power	8W-62-2, 3
Switch-Window/Door Lock-Driver	8W-62-2, 3

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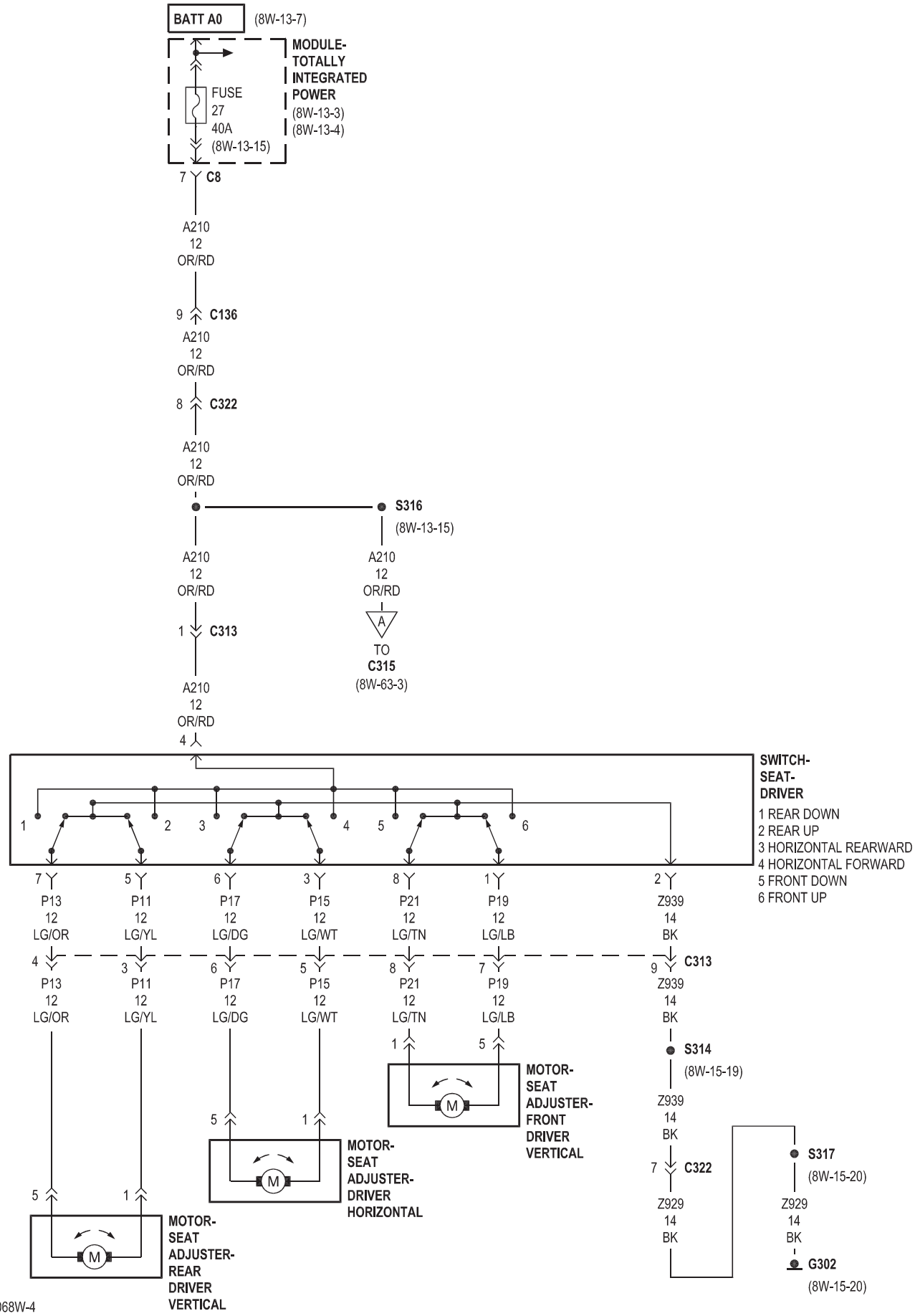
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8W-63 POWER SEATS

Component	Page
Electronics	8W-63-4
Fuse 27	8W-63-2
Fuse 32	8W-63-4
G201	8W-63-4
G302	8W-63-2, 3, 5
Heater-Seat Back-Driver	8W-63-5
Heater-Seat Back-Passenger	8W-63-5
Heater-Seat Cushion-Driver	8W-63-4, 5
Heater-Seat Cushion-Passenger	8W-63-4, 5
Module-Totally Integrated Power	8W-63-2, 4
Motor-Seat Adjuster-Driver Horizontal	8W-63-2
Motor-Seat Adjuster-Front Driver Vertical	8W-63-2
Motor-Seat Adjuster-Front Passenger Vertical	8W-63-3
Motor-Seat Adjuster-Passenger Horizontal	8W-63-3
Motor-Seat Adjuster-Rear Driver Vertical	8W-63-2
Motor-Seat Adjuster-Rear Passenger Vertical	8W-63-3
Switch-Heated Seat-Driver	8W-63-4
Switch-Heated Seat-Passenger	8W-63-4
Switch-Seat-Driver	8W-63-2
Switch-Seat-Passenger	8W-63-3

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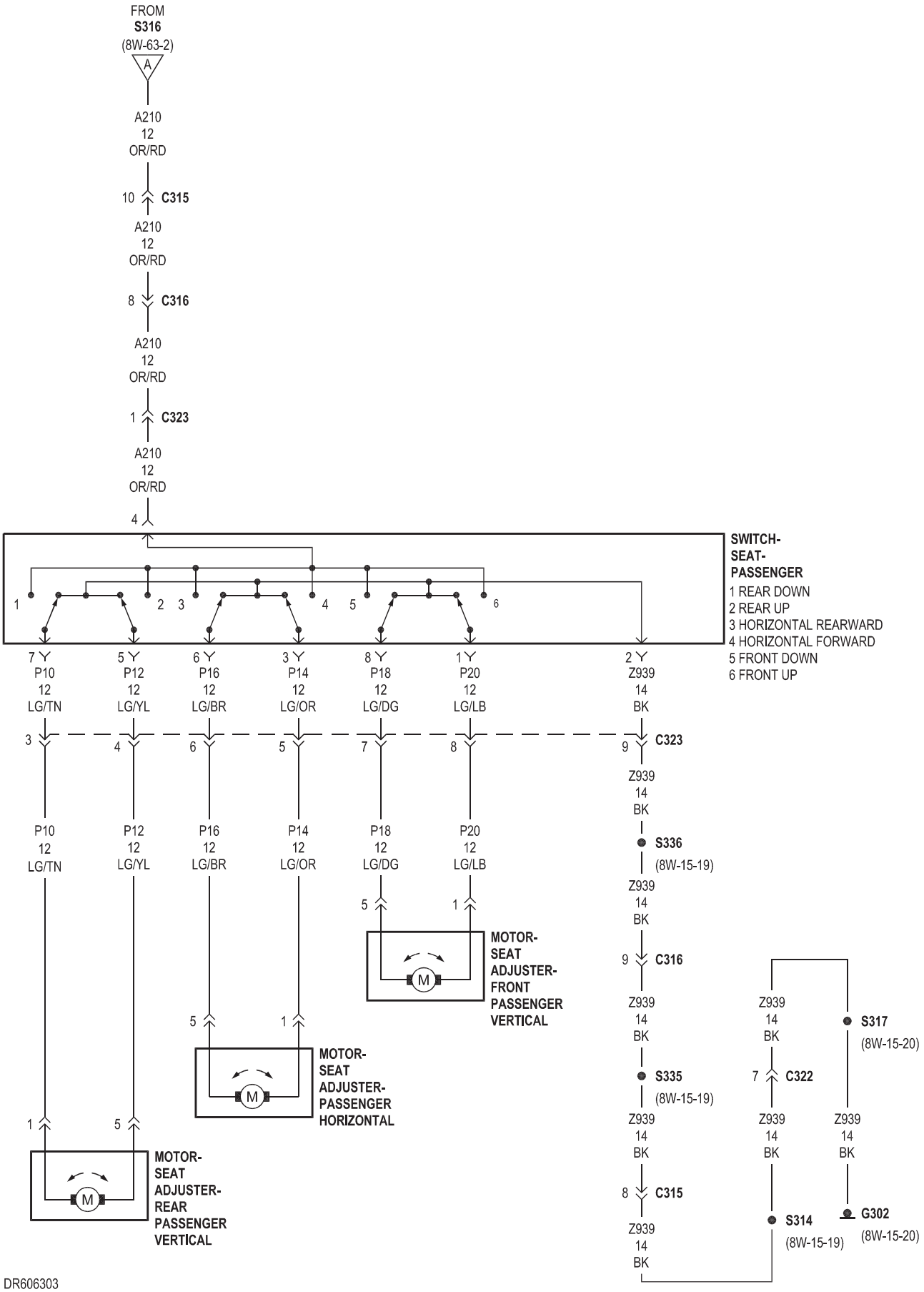


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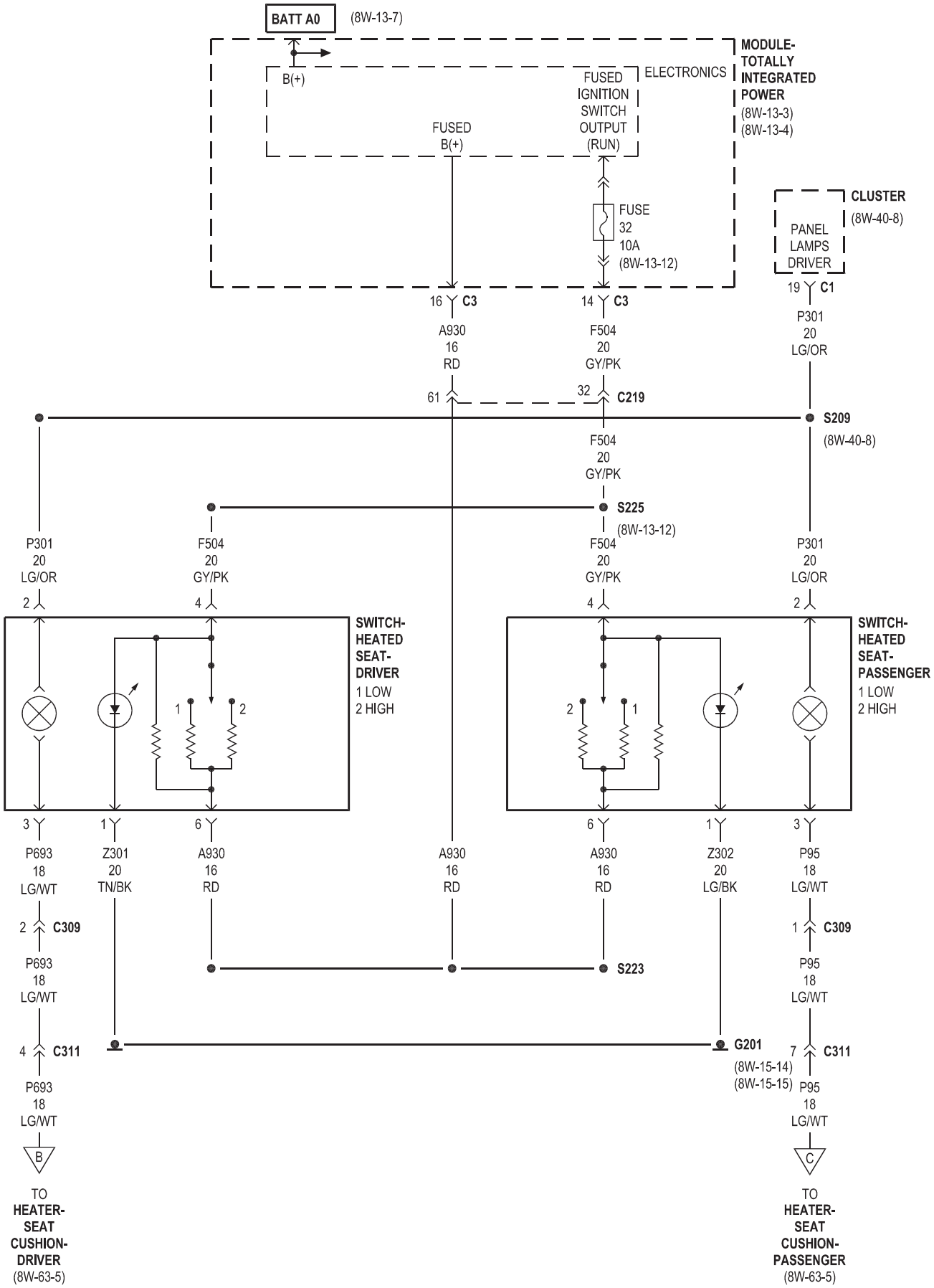
STANDARD CAB



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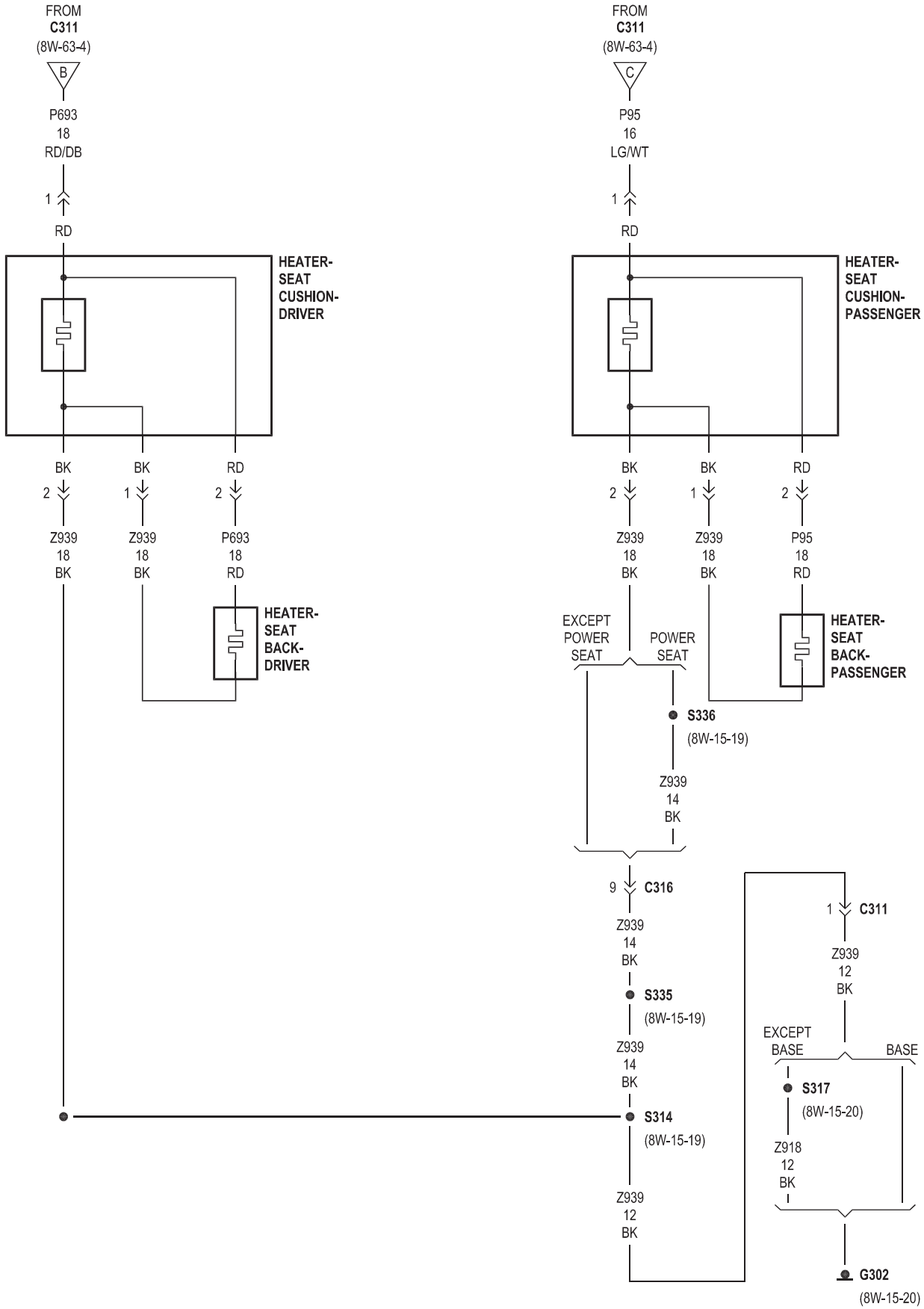
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HEATED SEATS



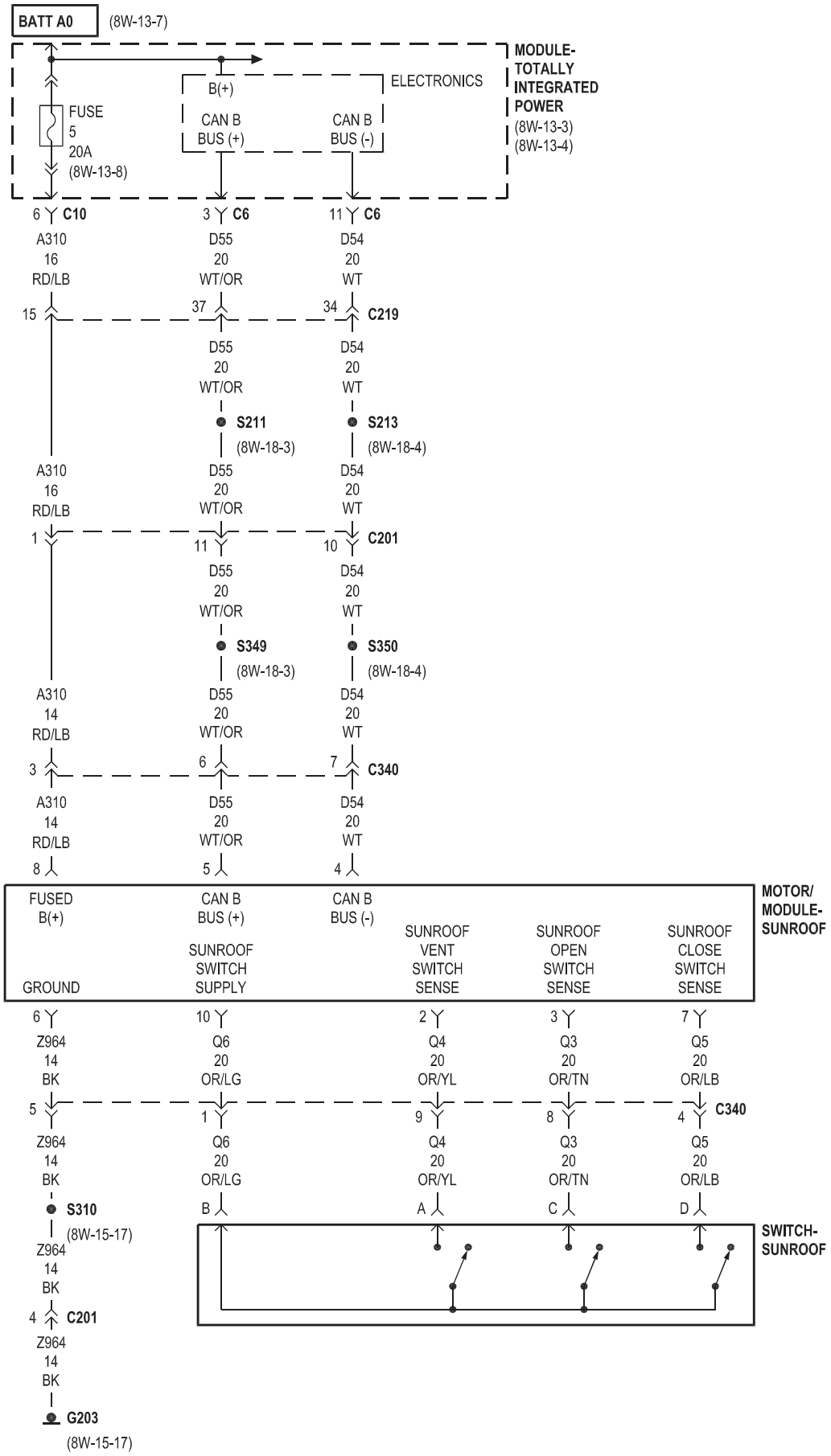
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8W-64 POWER SUNROOF

Component	Page
Fuse 5	8W-64-2
G203	8W-64-2
Module-Totally Integrated Power	8W-64-2
Motor/Module-Sunroof	8W-64-2
Switch-Sunroof	8W-64-2

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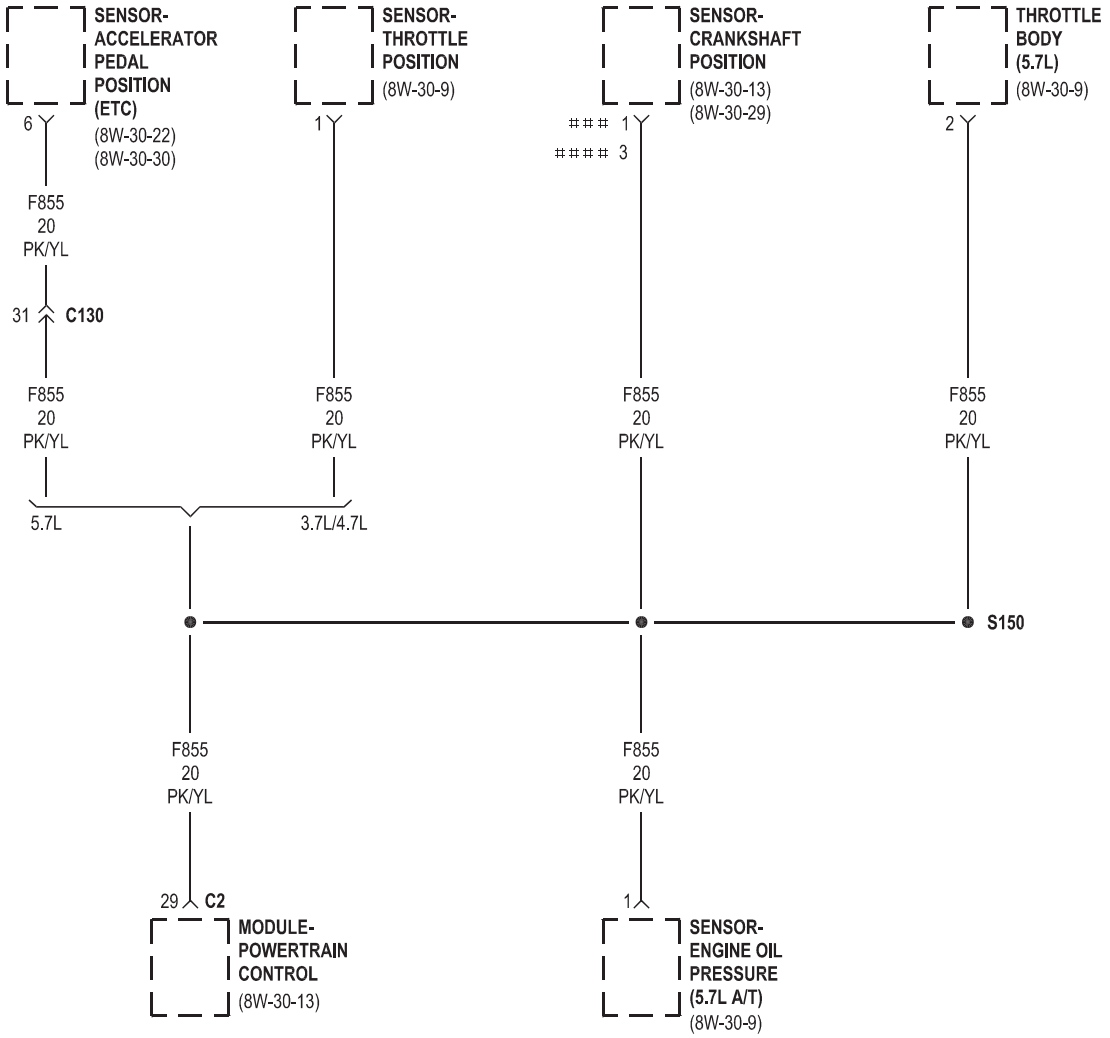


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8W-70 SPLICE INFORMATION

Component	Page
S012	8W-18-5
S014	8W-42-6
S015	8W-13-18
S016	8W-30-2
S100	8W-15-8
S102	8W-51-2
S103	8W-70-6
S104	8W-50-5
S105	8W-15-5
S106	8W-50-4
S111	8W-33-2
S112	8W-30-4
S115	8W-13-7
S117	8W-70-4
S118	8W-13-7
S119	8W-31-3
S120	8W-13-28
S121	8W-33-3
S123	8W-70-10
S124	8W-21-3
S125	8W-31-2
S128	8W-30-7
S129	8W-30-18
S130	8W-70-7
S131	8W-70-8
S132	8W-70-8
S133	8W-31-14
S134	8W-30-7
S136	8W-13-13
S137	8W-30-2
S138	8W-20-2
S139	8W-30-17
S141	8W-30-17
S142	8W-30-5
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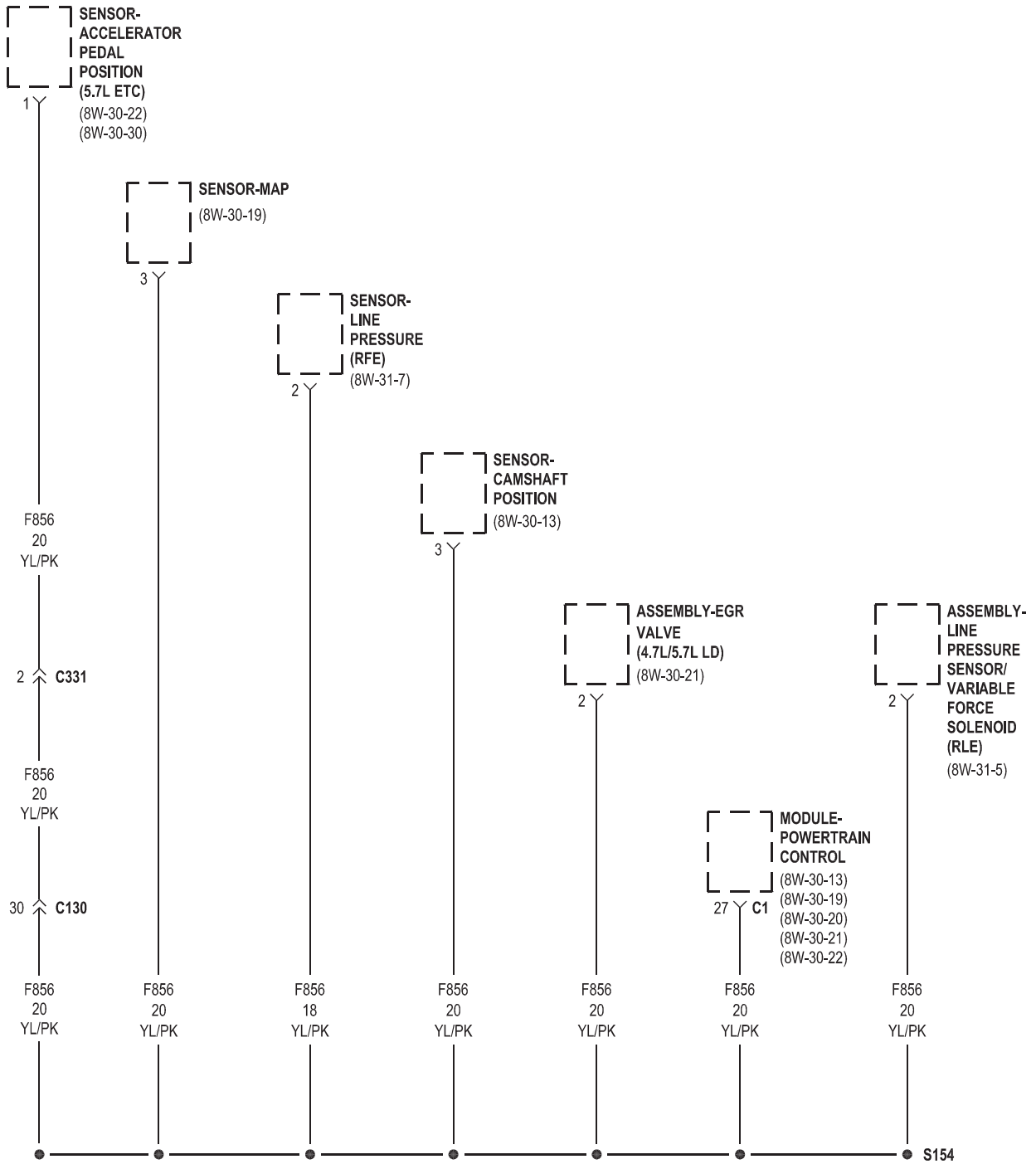
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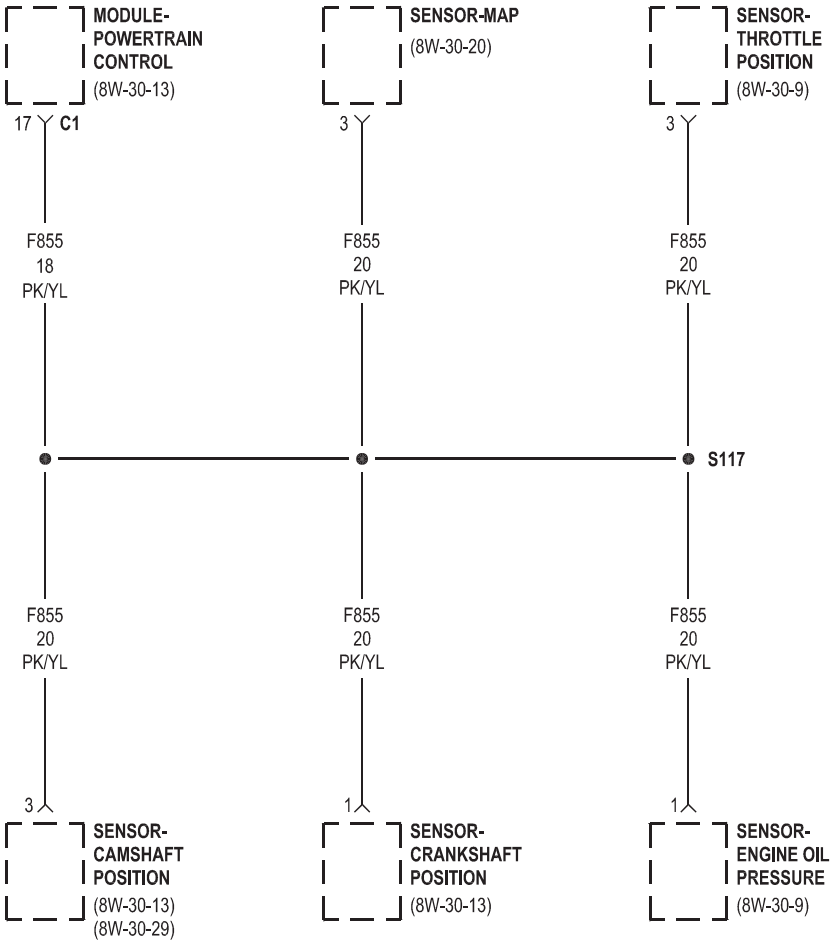
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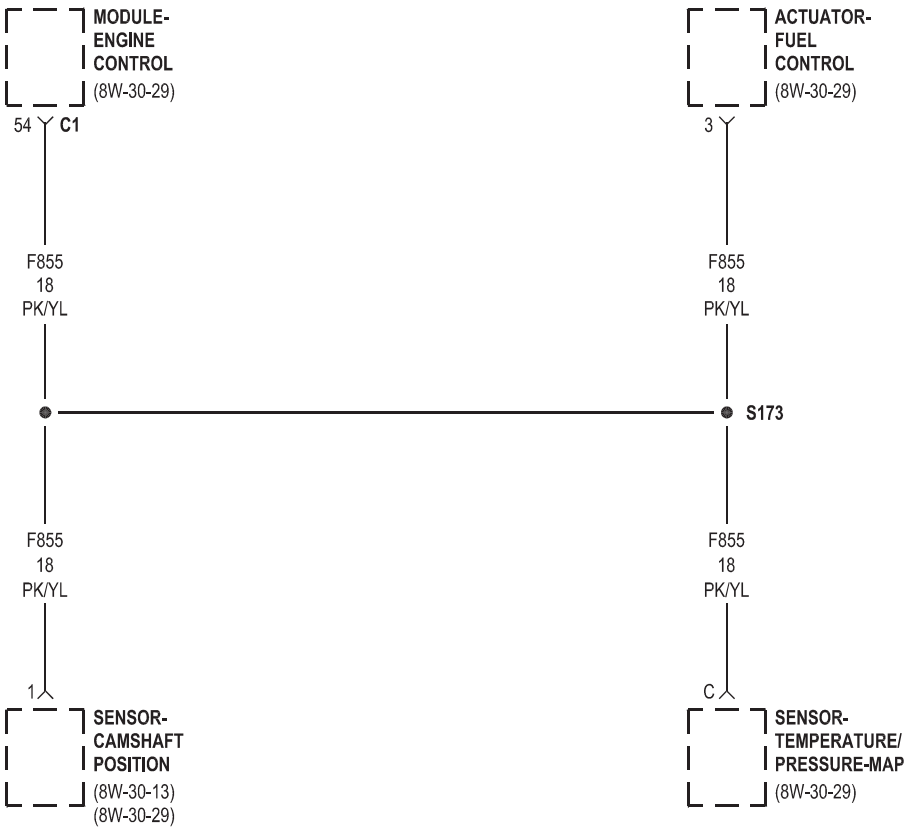
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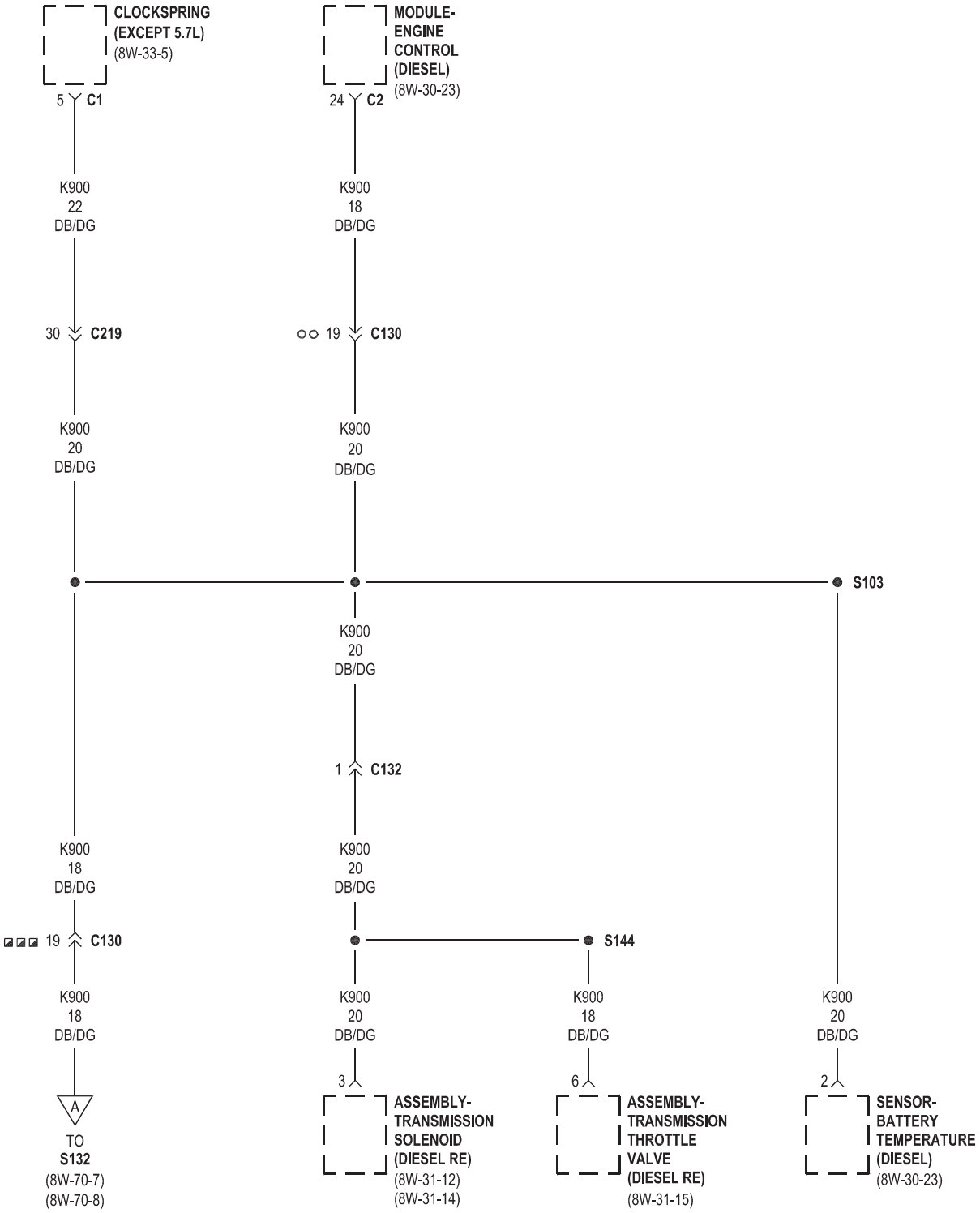
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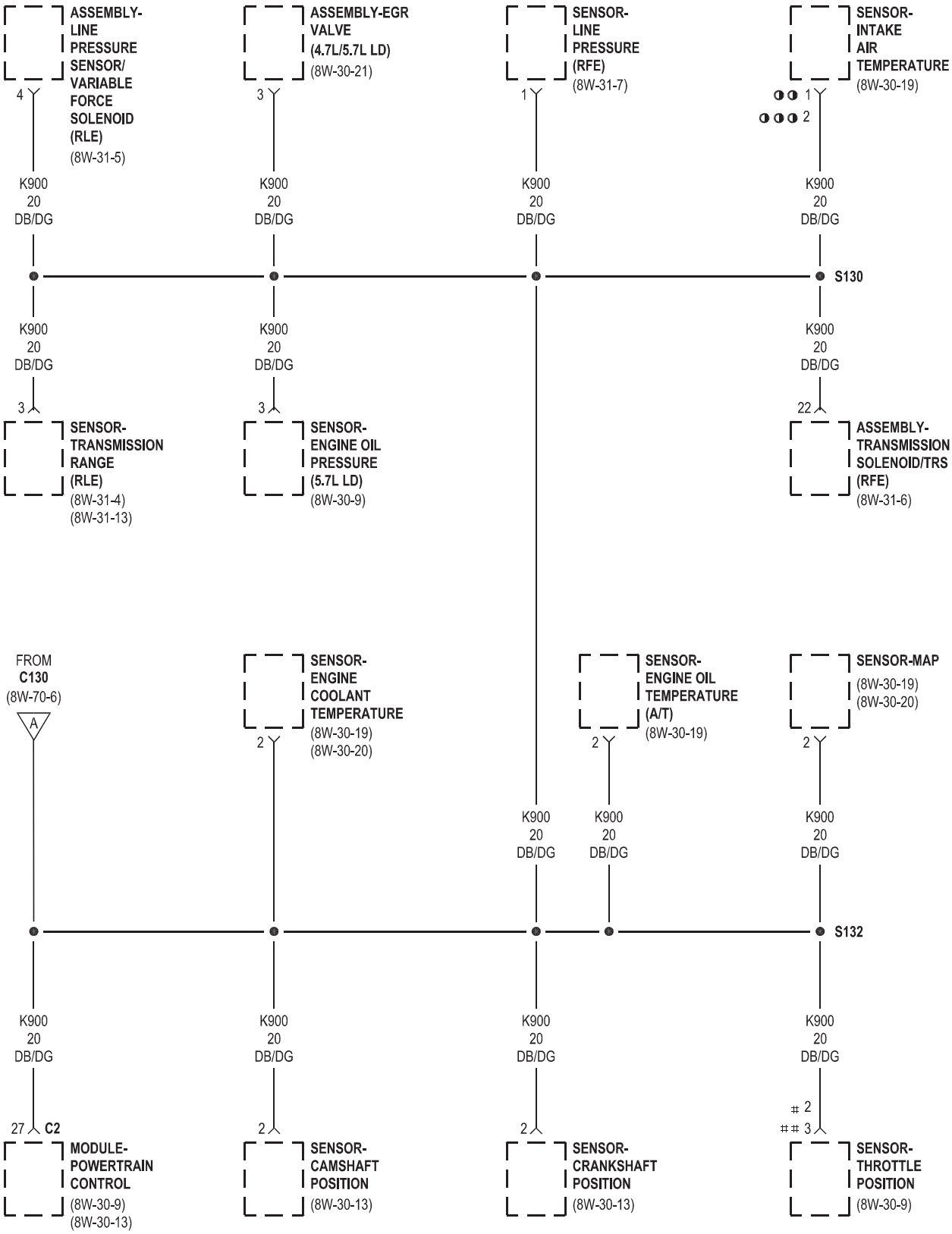
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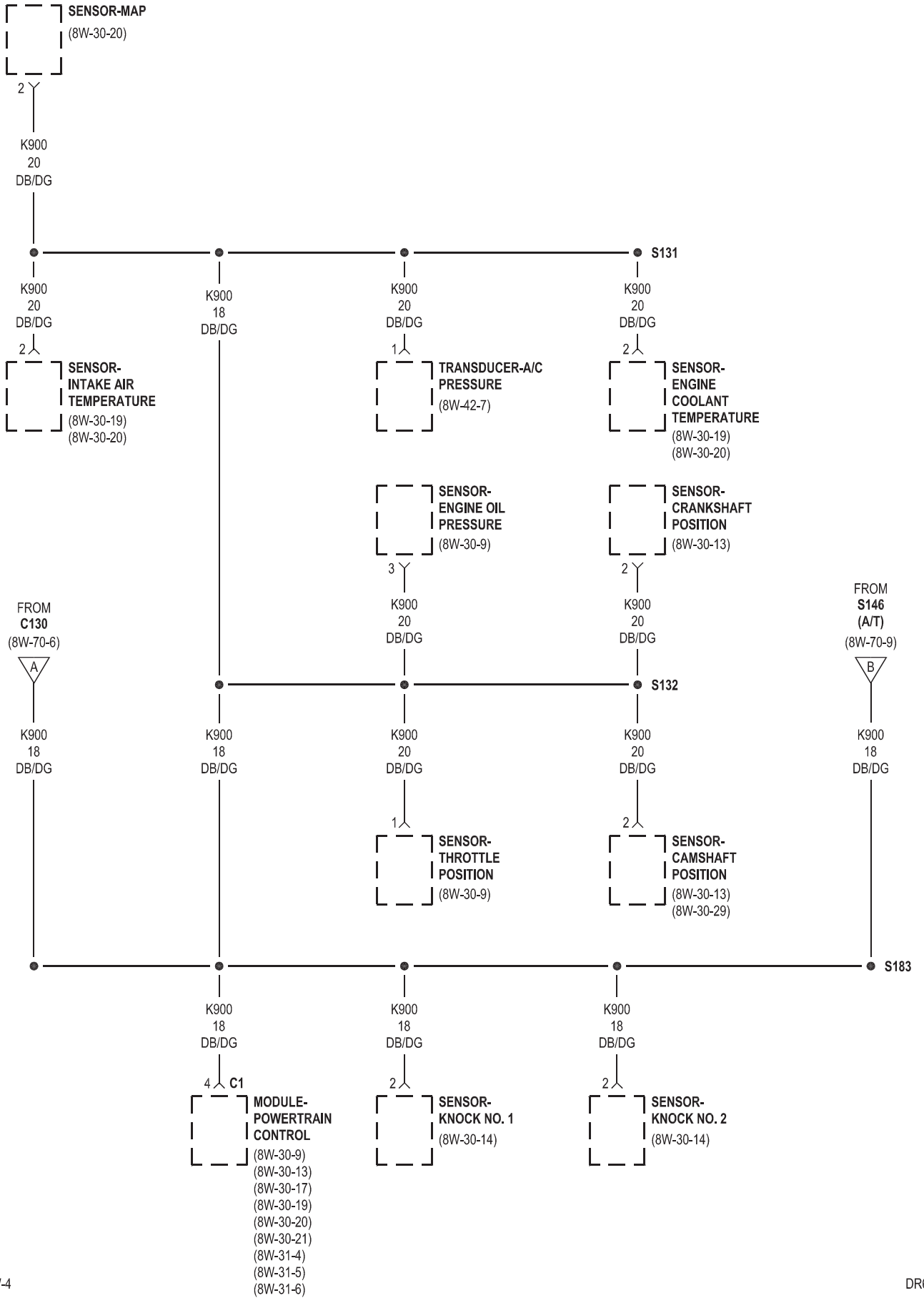
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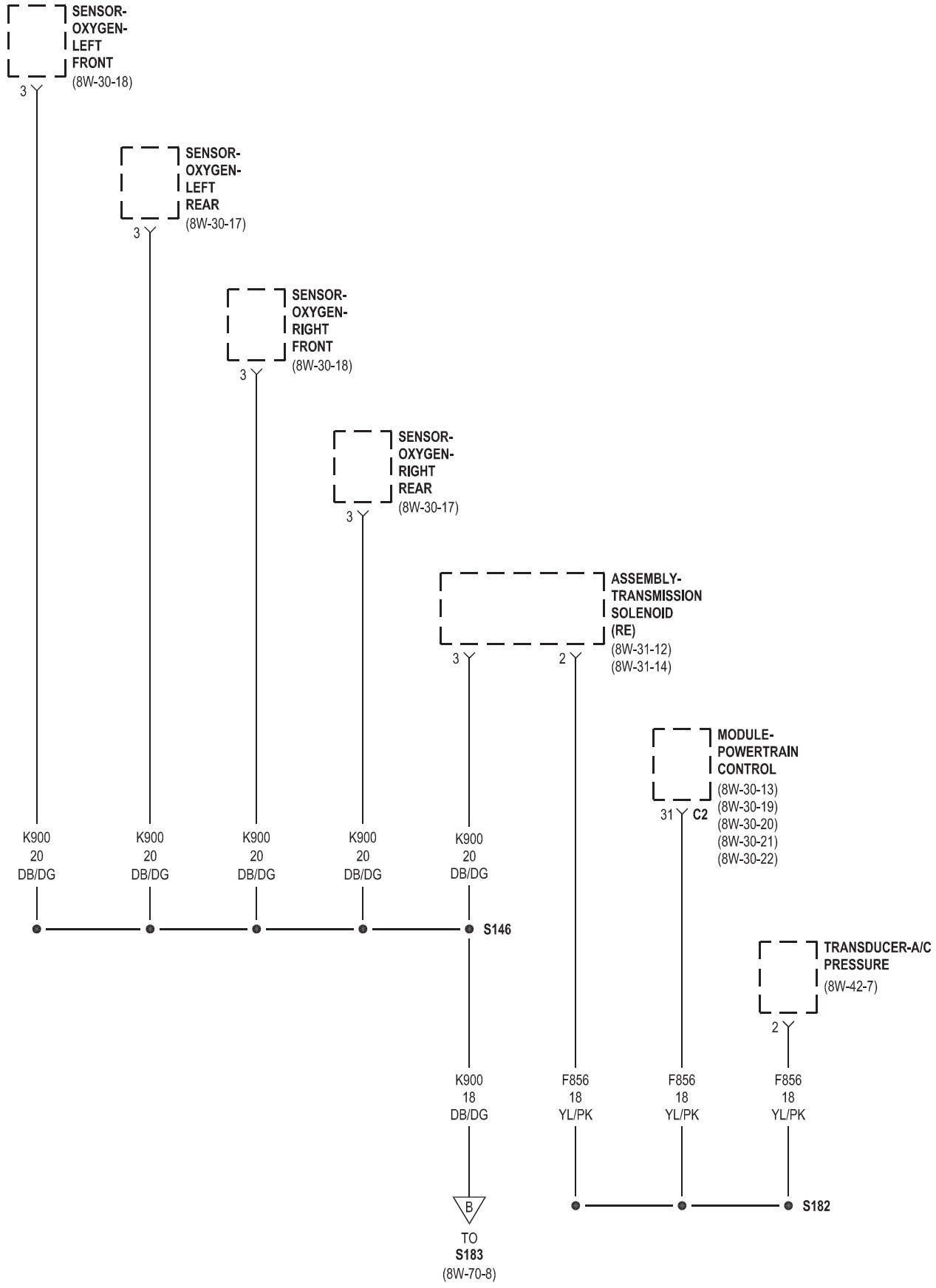
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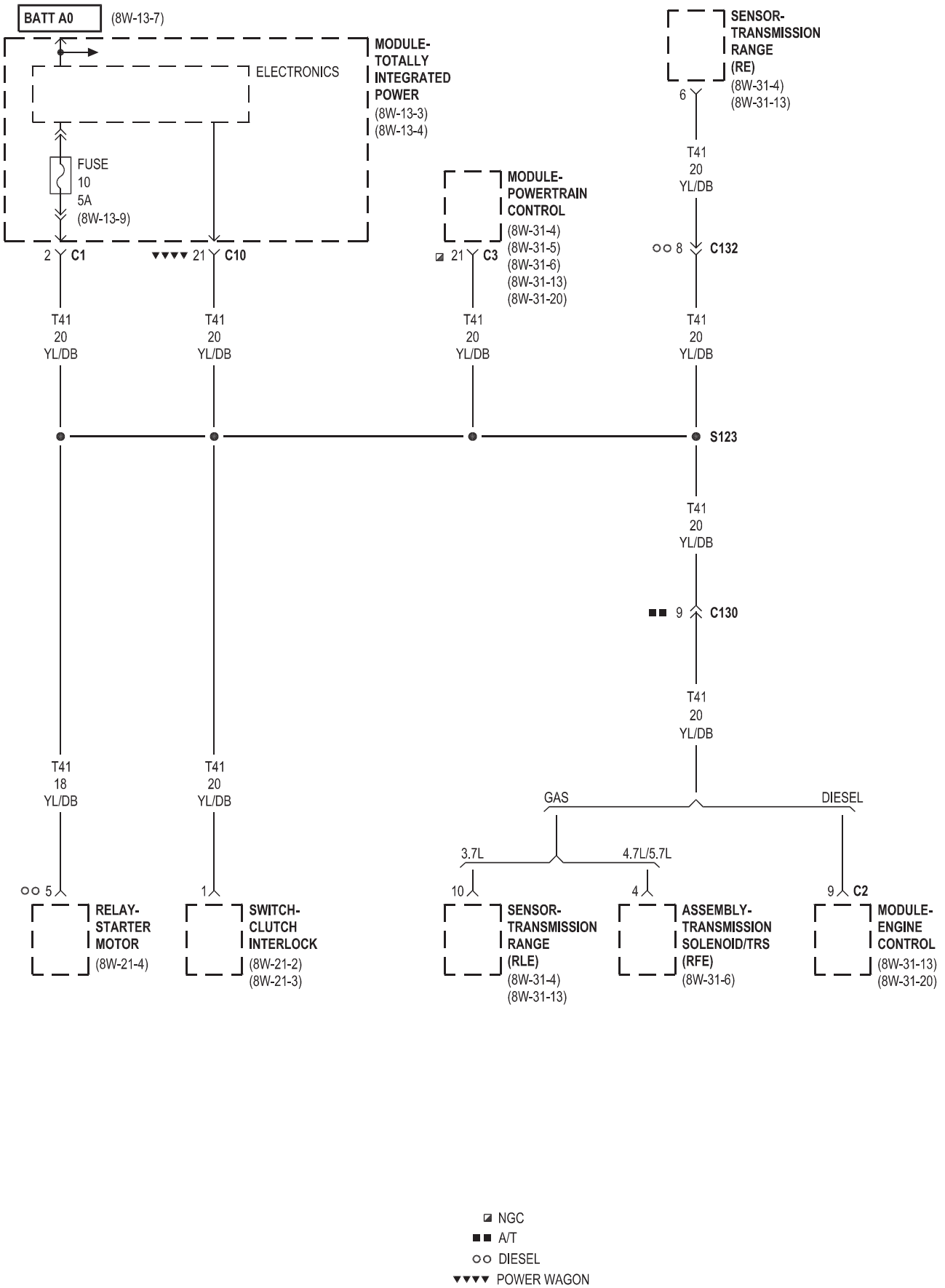


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EXCEPT SRT



◪ NGC
■■ A/T
oo DIESEL
▼▼▼▼ POWER WAGON

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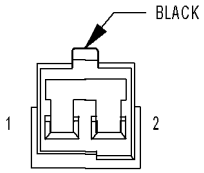
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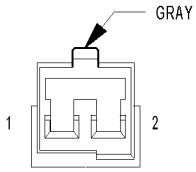
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ACTUATOR-
BLEND DOOR
(SINGLE ZONE)

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

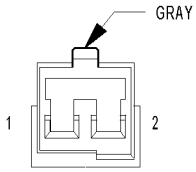
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



ACTUATOR-
BLEND DOOR-
DRIVER
(DUAL ZONE)

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

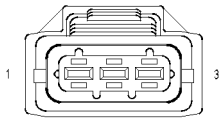
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C61 20DB/LG	BLEND DOOR DRIVER



ACTUATOR-
BLEND DOOR-
PASSENGER
(DUAL ZONE)

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

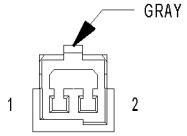
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C33 20LB/BR	PASSENGER BLEND DOOR DRIVER



**ACTUATOR-
FUEL
CONTROL
(DIESEL)**

ACTUATOR-FUEL CONTROL (DIESEL) - 3 WAY

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

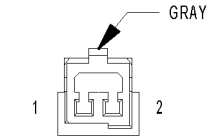


**ACTUATOR-
MODE DOOR 1
(PANEL TO FLOOR)**

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

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

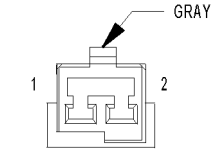
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**ACTUATOR-
MODE DOOR 2
(DEFROST TO FLOOR)**

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

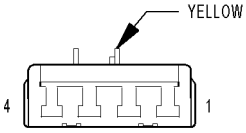
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C29 20DB/OR	MODE DOOR 2 DRIVER



**ACTUATOR-
RECIRCULATION DOOR**

ACTUATOR-RECIRCULATION DOOR - GRAY 2 WAY

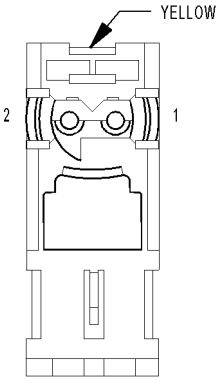
CAV	CIRCUIT	FUNCTION
1	C34 20DB/LB	COMMON DOOR DRIVER
2	C32 20DB/TN	RECIRCULATION DOOR DRIVER



**AIRBAG-PASSENGER
SQUIB**

AIRBAG-PASSENGER SQUIB - YELLOW 4 WAY

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

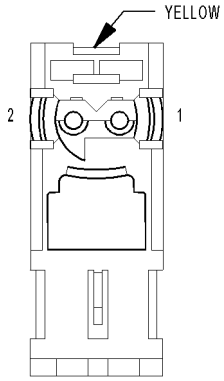


**AIRBAG-
SIDE
CURTAIN-
LEFT**

AIRBAG-SIDE CURTAIN-LEFT - YELLOW 2 WAY

CAV	CIRCUIT	FUNCTION
1	R3 20LB/OR	LEFT CURTAIN SQUIB 1 LINE 1
2	R1 20LB/WT	LEFT CURTAIN SQUIB 1 LINE 2

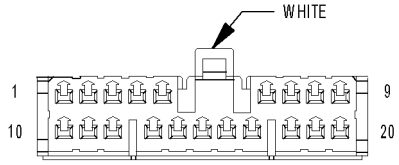
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AIRBAG-SIDE CURTAIN-RIGHT

AIRBAG-SIDE CURTAIN-RIGHT - YELLOW 2 WAY

CAV	CIRCUIT	FUNCTION
1	R4 20OR/LB	RIGHT CURTAIN SQUIB 1 LINE 1
2	R2 20WT/LB	RIGHT CURTAIN SQUIB 1 LINE 2

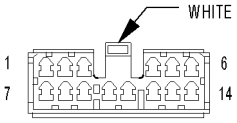


AMPLIFIER-RADIO C1 (PREMIUM)

AMPLIFIER-RADIO C1 (PREMIUM) - WHITE 20 WAY

CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
3	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)
4	A116 16YL/RD	FUSED B(+)
5	-	-
6	D55 20WT/OR	CAN B BUS (+)
7	X51 20DG/DB	LEFT REAR SPEAKER (+)
8	X52 20GY/DB	RIGHT REAR SPEAKER (+)
9	Z907 18BK	GROUND
10	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)
11	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)
12	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
13	A116 16YL/RD	FUSED B(+)
14	-	-
15	-	-
16	-	-
17	D54 20WT	CAN B BUS (-)
18	X57 20DG/OR	LEFT REAR SPEAKER (-)
19	X58 20GY/OR	RIGHT REAR SPEAKER (-)
20	Z513 18BK	GROUND

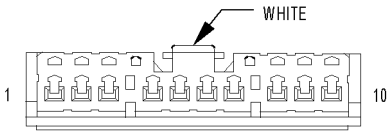
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AMPLIFIER-RADIO C2 (PREMIUM)

AMPLIFIER-RADIO C2 (PREMIUM) - WHITE 14 WAY

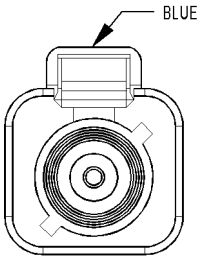
CAV	CIRCUIT	FUNCTION
1	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)
2	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)
3	X205 18GY/LG	LEFT REAR SPEAKER (+)
4	X206 18DG/LG	RIGHT REAR SPEAKER (+)
5	X30 16DG/TN (SRT)	SUBWOOFER SIGNAL (+)
6	-	-
7	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
8	X156 18GY/LB	RIGHT FRONT DOOR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



AMPLIFIER-SUBWOOFER (SRT)

AMPLIFIER-SUBWOOFER (SRT) - WHITE 10 WAY

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

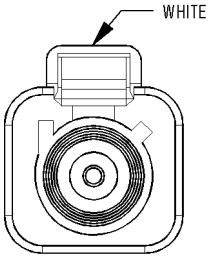


ANTENNA CABLE-SATELLITE RADIO NO. 1

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

CAV	CIRCUIT	FUNCTION
1	X1	SATELLITE ANTENNA SIGNAL 1

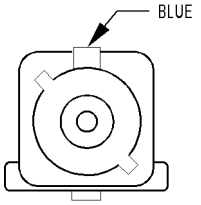
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ANTENNA CABLE-SATELLITE RADIO NO. 2

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

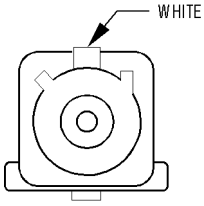
CAV	CIRCUIT	FUNCTION
1	X2	SATELLITE ANTENNA SIGNAL 2



ANTENNA-SATELLITE NO. 1

ANTENNA-SATELLITE NO. 1 - BLUE 1 WAY

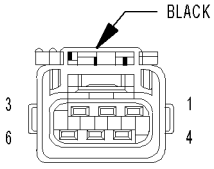
CAV	CIRCUIT	FUNCTION
1	X1	SATELLITE ANTENNA SIGNAL 1



ANTENNA-SATELLITE NO. 2

ANTENNA-SATELLITE NO. 2 - WHITE 1 WAY

CAV	CIRCUIT	FUNCTION
1	X2	SATELLITE ANTENNA SIGNAL 2

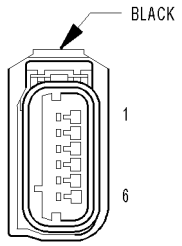


ASSEMBLY-EGR VALVE (4.7L/5.7L LD)

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

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

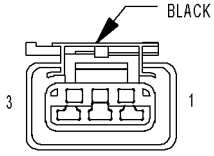
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**ASSEMBLY-
LINE PRESSURE
SENSOR/VARIABLE
FORCE SOLENOID
(RLE)**

ASSEMBLY-LINE PRESSURE SENSOR/VARIABLE FORCE SOLENOID (RLE) - BLACK 6 WAY

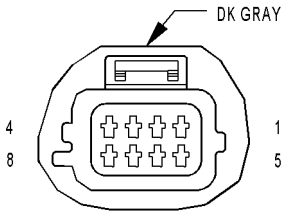
CAV	CIRCUIT	FUNCTION
1	-	
2	F856 20YL/PK	5 VOLT SUPPLY
3	T38 20YL/BR	LINE PRESSURE SENSOR SIGNAL
4	K900 20DB/DG	SENSOR GROUND
5	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
6	T118 20DG	PRESSURE CONTROL SOLENOID CONTROL



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

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

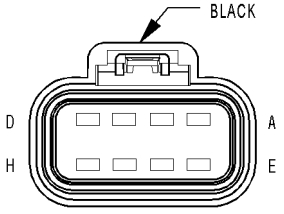
CAV	CIRCUIT	FUNCTION
1	Z910 20BK	GROUND
2	K107 20VT/WT	NVLD SWITCH SIGNAL
3	K106 20VT/LB	NVLD SOL CONTROL



**ASSEMBLY-
SHIFT MOTOR/
MODE SENSOR
(RFE PART TIME ETC/RE ETC)**

ASSEMBLY-SHIFT MOTOR/MODE SENSOR (RFE PART TIME ETC/RE ETC) - DK GRAY 8 WAY

CAV	CIRCUIT	FUNCTION
1	T103 20YL/OR	MODE SENSOR B
2	D201 20WT/DG	MODE SENSOR A
3	G180 20VT/YL	SENSOR RETURN
4	T101 16DG	SHIFT MOTOR CONTROL B
5	T102 16YL	SHIFT MOTOR CONTROL A
6	A918 20RD	FUSED B(+)
7	T300 20YL/GY	T-CASE MOTOR BRAKE SIGNAL
8	-	-

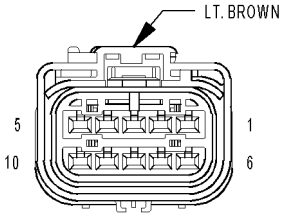


**ASSEMBLY-
SHIFT MOTOR/
MODE SENSOR
(RFE FULL TIME ETC)**

ASSEMBLY-SHIFT MOTOR/MODE SENSOR (RFE FULL TIME ETC) - BLACK 8 WAY

CAV	CIRCUIT	FUNCTION
1	T103 20YL/OR	MODE SENSOR B
2	D201 20WT/DG	MODE SENSOR A
3	G180 20VT/YL	SENSOR RETURN
4	T101 16DG	SHIFT MOTOR CONTROL B
5	T102 16YL	SHIFT MOTOR CONTROL A
6	A918 20RD	FUSED B(+)
7	T300 20YL/GY	T-CASE MOTOR BRAKE SIGNAL
8	-	-

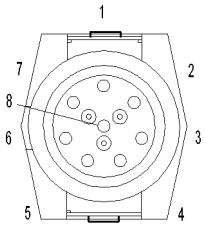
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ASSEMBLY-TRANSMISSION SOLENOID (RLE)

ASSEMBLY-TRANSMISSION SOLENOID (RLE) - LT BROWN 10 WAY

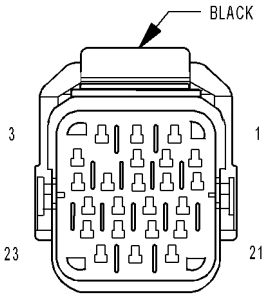
CAV	CIRCUIT	FUNCTION
1	T60 20YL/GY	OD SOLENOID CONTROL
2	T59 20YL/LB	UD SOLENOID CONTROL
3	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
4	T19 18YL/DB	2-4 SOLENOID CONTROL
5	T47 18YL/DG	2-4 PRESSURE SWITCH SENSE
6	T9 20DG/TN	OD PRESSURE SWITCH SENSE
7	T20 20DG/WT	L/R SOLENOID CONTROL
8	-	
9	-	
10	T50 20YL/TN	L/R PRESSURE SWITCH SENSE



ASSEMBLY-TRANSMISSION SOLENOID (RE)

ASSEMBLY-TRANSMISSION SOLENOID (RE) - 8 WAY

CAV	CIRCUIT	FUNCTION
1	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
2	F856 18YL/PK	5 VOLT SUPPLY
3	K900 20DB/DG (DIESEL)	SENSOR GROUND
3	K900 18DB/DG (SRT)	SENSOR GROUND
4	T38 18YL/BR	GOVERNOR PRESSURE SENSOR SIGNAL
5	T118 18DG	GOVERNOR PRESSURE SOLENOID CONTROL
6	T9 18DG/TN	3-4 SOLENOID CONTROL
7	T75 18YL/LB	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
8	T54 18DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL

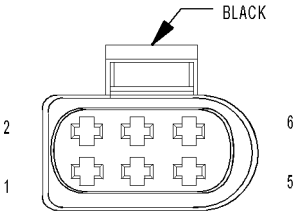


ASSEMBLY-TRANSMISSION SOLENOID/TRS (RFE)

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

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

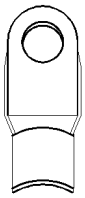
https://truckmanualshub.com/



ASSEMBLY-TRANSMISSION THROTTLE VALVE (DIESEL RE)

ASSEMBLY-TRANSMISSION THROTTLE VALVE (DIESEL RE) - BLACK 6 WAY

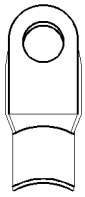
CAV	CIRCUIT	FUNCTION
1	K312 18OR	TTVA POSITION SENSOR SIGNAL
2	F856 18YL/PK	5 VOLT SUPPLY
3	K314 18TN/YL	TTVA MOTOR (+)
4	-	-
5	K315 18TN/OR	TTVA MOTOR (-)
6	K900 18DB/DG	SENSOR GROUND



ASSEMBLY-WINCH B(+) EYELET

ASSEMBLY-WINCH B(+) EYELET - 1 WAY

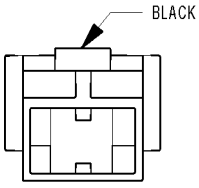
CAV	CIRCUIT	FUNCTION
1	10RD	B(+)



ASSEMBLY-WINCH GROUND

ASSEMBLY-WINCH GROUND - 1 WAY

CAV	CIRCUIT	FUNCTION
1	10BK	GROUND

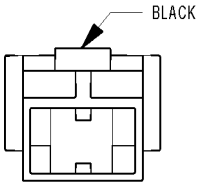


BACKLITE-HEATED (GROUND)

BACKLITE-HEATED (GROUND) - BLACK 1 WAY

CAV	CIRCUIT	FUNCTION
1	Z255 16BK	GROUND

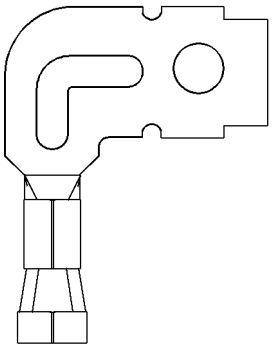
https://truckmanualshub.com/



BACKLITE-HEATED (POWER)

BACKLITE-HEATED (POWER) - BLACK 1 WAY

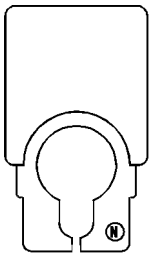
CAV	CIRCUIT	FUNCTION
1	C15 14BK (EXCEPT SAB)	REAR WINDOW DEFOGGER CONTROL OUTPUT
1	C15 16DB/WT (SAB)	REAR WINDOW DEFOGGER CONTROL OUTPUT



BATTERY-NEGATIVE (GAS)

BATTERY-NEGATIVE (GAS) - 1 WAY

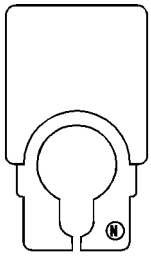
CAV	CIRCUIT	FUNCTION
1	Z1 6BK	GROUND
1	Z2 6BK	GROUND



BATTERY-NEGATIVE (DIESEL LEFT BATTERY)

BATTERY-NEGATIVE (DIESEL LEFT BATTERY) - 1 WAY

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



BATTERY-NEGATIVE (DIESEL RIGHT BATTERY)

BATTERY-NEGATIVE (DIESEL RIGHT BATTERY) - 1 WAY

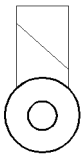
CAV	CIRCUIT	FUNCTION
1	Z0 8BK	GROUND
2	Z0 0BK	GROUND

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CONNECTOR NOT AVAILABLE

BATTERY-NEGATIVE (GAS) - 1 WAY

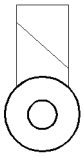
CAV	CIRCUIT	FUNCTION
1	Z3 6BK	GROUND



BATTERY-POSITIVE (DIESEL RIGHT BATTERY)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

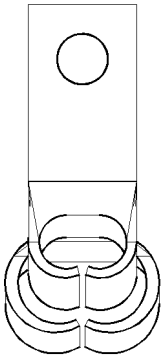
CAV	CIRCUIT	FUNCTION
1	A11 8LB	B(+)



BATTERY-POSITIVE (DIESEL RIGHT BATTERY)

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

CAV	CIRCUIT	FUNCTION
1	A19 4BK	B(+)



BATTERY-POSITIVE (GAS EXCEPT 5.7L HD)

BATTERY-POSITIVE (GAS EXCEPT 5.7L HD) - 1 WAY

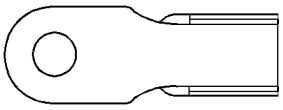
CAV	CIRCUIT	FUNCTION
1	A0 6RD	B(+)
1	A8 6RD	B(+)

CONNECTOR NOT AVAILABLE

BATTERY-POSITIVE (5.7L HD) - 1 WAY

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

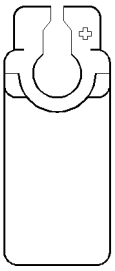
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**BATTERY-
POSITIVE
(DIESEL RIGHT BATTERY)**

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

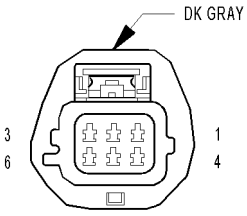
CAV	CIRCUIT	FUNCTION
1	A1 1RD	B(+)



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

BATTERY-POSITIVE (DIESEL LEFT BATTERY) - 1 WAY

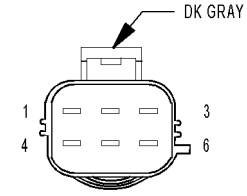
CAV	CIRCUIT	FUNCTION
1	A8 00RD	B(+)
1	A0 6RD	B(+)



**C102
(POWER WAGON/LD 4WD)**

C102 (POWER WAGON/LD 4WD) - DK GRAY
(BATTERY SIDE)

CAV	CIRCUIT
1	T750 14YL/GY
2	T520 16YL/OR (POWER WAGON)
3	Z906 20BK (LD 4WD)
3	T524 16YL/LG (POWER WAGON)
4	G303 20VT/DG (LD 4WD)
5	G304 20VT/DB (LD 4WD)
5	T521 18YL/GY (POWER WAGON)
6	A880 20DB/RD (LD 4WD)
6	T522 18YL/LB (POWER WAGON)

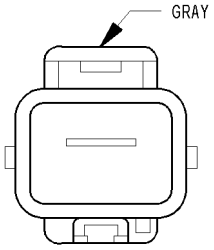


**C102
(POWER WAGON/LD 4WD)**

C102 (POWER WAGON/LD 4WD) - DK GRAY
(HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	T750 14YL/GY
2	T520 16YL/OR (POWER WAGON)
3	Z906 20BK (LD 4WD)
3	T524 16YL/LG (POWER WAGON)
4	G303 20VT/DG (LD 4WD)
5	G304 20VT/DB (LD 4WD)
5	T521 20YL/GY (POWER WAGON)
6	A880 20DB/RD (LD 4WD)
6	T522 20YL/LB (POWER WAGON)

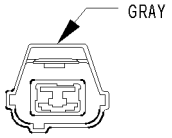
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C102
(EXCEPT POWER WAGON/ EXCEPT LD 4WD)

C102 (EXCEPT POWER WAGON/EXCEPT LD 4WD) - GRAY (HEADLAMP AND DASH SIDE)

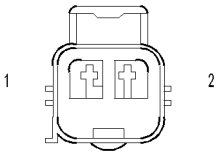
CAV	CIRCUIT
1	T750 14YL/GY (EXCEPT SRT)
1	T750 14RD/BK (SRT)



C102
(EXCEPT POWER WAGON/ EXCEPT LD 4WD)

C102 (EXCEPT POWER WAGON/EXCEPT LD 4WD) - GRAY (BATTERY SIDE)

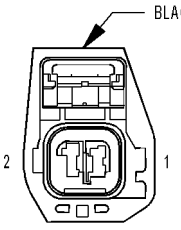
CAV	CIRCUIT
1	T750 14YL/GY (EXCEPT SRT)
1	T750 12RD/BK (SRT)



C103

C103 (SRT) - (UNDERHOOD SIDE)

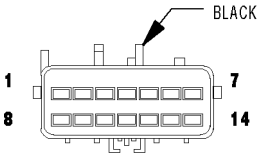
CAV	CIRCUIT
1	Z470 20BK/LB
2	A114 18GY/RD



C103

C103 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	Z470 20BK/LB
2	A114 18GY/RD (EXCEPT SRT)
2	A114 20GY/RD (SRT)

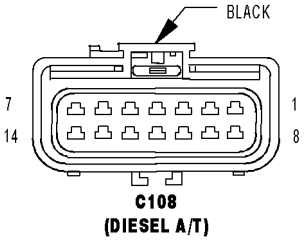


C108
(DIESEL A/T)

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

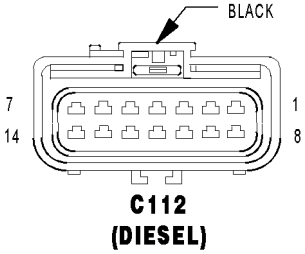
CAV	CIRCUIT
1	T118 18DG
2	T9 18DG/TN
3	T38 18YL/BR
4	T75 18YL/LB
5	T54 18DG/OR
6	T14 18DG/BR
7	T13 18DG/VT
8	K314 18TN/YL
9	K312 18OR
10	K315 18TN/OR
11	-
12	F856 18YL/PK
13	-
14	-

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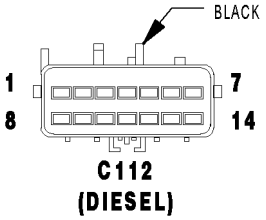
C108 (DIESEL A/T) - BLACK (TRANSMISSION SIDE)

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



C112 (DIESEL) - BLACK (TRANSMISSION SIDE)

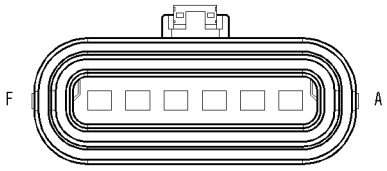
CAV	CIRCUIT
1	K160 18BR/OR
2	A212 18PK/YL
3	K167 18BR/YL
4	K852 18BR/VT
5	K315 18TN/OR (A/T)
6	K314 18TN/YL (A/T)
7	-
8	-
9	D64 18WT/LB
10	D65 18WT/LG
11	C818 18LB/OR
12	C918 18BK/LB
13	C18 18LB/BR
14	C3 18DB/YL



C112 (DIESEL) - BLACK (ENGINE SIDE)

CAV	CIRCUIT
1	K160 18BR/OR
2	A212 18PK/YL
3	K167 18BR/YL
4	K852 18BR/VT
5	K315 18TN/OR (A/T)
6	K314 18TN/YL (A/T)
7	-
8	-
9	D64 18WT/LB
10	D65 18WT/LG
11	C818 18LB/OR
12	C918 18BK/LB
13	C18 18LB/BR
14	C3 18DB/BK

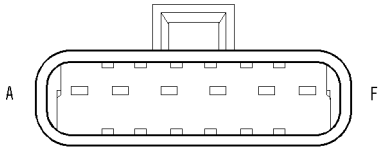
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C116
(DIESEL)

C116 (DIESEL) - (ENGINE SIDE)

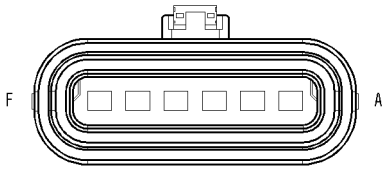
CAV	CIRCUIT
A	K13 16TN
B	K227 16BR/LG
C	K12 16BR/DB
D	K227 16BR/LG
E	K11 16BR/YL
F	K227 16BR/LG



C116
(DIESEL)

C116 (DIESEL) - (INJECTOR SIDE)

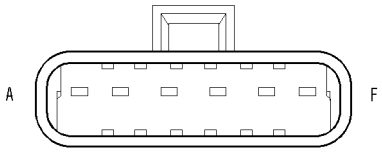
CAV	CIRCUIT
A	K13 14BK
B	K227 14BK
C	K12 14BK
D	K227 14BK
E	K11 14BK
F	K227 14BK



C117
(DIESEL)

C117 (DIESEL) - (ENGINE SIDE)

CAV	CIRCUIT
A	K58 16BR/VT
B	K229 16TN/PK
C	K38 16GY
D	K229 16TN/PK
E	K14 16BR/TN
F	K229 16TN/PK

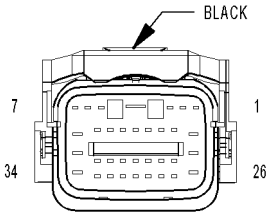


C117
(DIESEL)

C117 (DIESEL) - (INJECTOR SIDE)

CAV	CIRCUIT
A	K58 14BK
B	K229 14BK
C	K38 14BK
D	K229 14BK
E	K14 14BK
F	K229 14BK

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C130

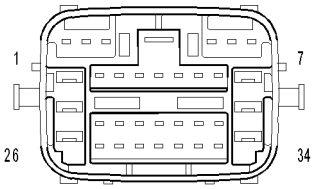
C130 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	A212 20RD/OR (DIESEL)
1	D15 20WT/DG (NGC)
1	A917 18RD (SRT)
2	V37 20VT (DIESEL)
2	D16 20WT/OR (NGC)
2	K242 18BR/WT (SRT)
3	C818 20LB/OR (EXCEPT SRT)
4	A209 10RD (DIESEL)
4	K342 16BR/WT (GAS)
5	C18 20LB/BR (EXCEPT SRT)
5	G127 20VT/DB (SRT)
6	K31 20BR (DIESEL)
6	K106 20VT/LB (NGC)
6	K106 18VT/LB (SRT)
7	K174 18BR/YL (DIESEL)
7	K107 20VT/WT (NGC)
7	K107 18VT/WT (SRT)
8	T101 16DG (5.7L HD)
8	K451 20BR/WT (5.7L LD)
9	T41 20YL/OR
10	C918 20BK/LB (EXCEPT SRT)
10	L10 20WT/GY (SRT)
11	C13 20LB/OR (DIESEL)
11	A918 20RD (NGC)
11	A919 20RD (SRT)
12	C3 20DB/YL (EXCEPT SRT)
13	G180 20VT/YL (4.7L)
13	K454 20BR/OR (5.7L LD)
13	V32 20VT/YL (DIESEL)
13	F202 20PK/GY (SRT)
14	L10 20WT/GY (4.7L)
14	D20 20WT/LG (NGC EXCEPT 4.7L)
14	C240 18LB/TN (SRT)
15	D21 20WT/BR (3.7L/5.7L)
15	K125 18BR/DG (SRT)
16	T16 16YL/OR (GAS)
17	T102 16YL (4.7L)
17	A961 12RD (DIESEL)
17	Z953 20BK (POWER WAGON)
17	T917 20YL/TN (SRT A/T)
18	T6 20DG (EXCEPT SRT)
18	T117 20DG/YL (SRT)
19	T71 20YL/OR (5.7L FULL TIME ETC)
19	K900 20DB/DG (EXCEPT 5.7L)
19	K900 18 DB/DG (SRT)
20	T515 20YL/DB (NGC A/T)
20	T515 18YL/DB (SRT A/T)
21	K25 20DB/VT (DIESEL)
21	K399 18BR/GY (NGC)
21	K99 18BR/LG (SRT)
22	T71 20YL/OR (4.7L FULL TIME ETC)
22	G24 20VT/BR (5.7L LD)
22	B29 20DG/WT (DIESEL)
22	K75 18DB/OR (SRT)

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C130 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
23	D64 20WT/LB (EXCEPT SRT)
23	C3 20DB/YL (SRT)
24	D65 20WT/LG (EXCEPT SRT)
24	K344 18BR/GY (SRT)
25	T340 20DG/VT (4.7L FULL TIME ETC)
25	K66 20DB/WT (5.7L LD)
26	T751 20YL (NGC)
27	K29 20WT/BR (DIESEL)
27	K299 20BR/WT (NGC)
27	K199 18BR/VT (SRT)
28	T300 20YL/GY (4.7L)
28	T340 20DG/VT (5.7L FULL TIME ETC)
28	K854 20VT/BR (DIESEL)
28	G180 20VT/YL (POWER WAGON)
29	K400 20BR/VT (DIESEL)
29	F1 20PK/WT (NGC)
30	D201 20WT/DG (4.7L)
30	F856 20PK/YL (5.7L)
30	K23 20BR/WT (DIESEL)
31	T341 20DG/VT (4.7L FULL TIME ETC)
31	F855 20PK/YL (5.7L)
31	K852 20BR/VT (DIESEL)
32	K167 20BR/YL (DIESEL)
32	T70 20YL (FULL TIME ETC)
32	L10 20WT/GY (NGC M/T)
33	D201 20WT/DG
33	K42 18DB/YL
33	T103 20YL/OR
33	T341 20DG/VT (5.7L FULL TIME ETC)
34	F202 20PK/GY (EXCEPT SRT)



C130

C130 - (TRANSMISSION SIDE)

CAV	CIRCUIT
1	A212 18PK/YL (DIESEL)
1	D15 20WT/DG (NGC)
1	A917 18RD (SRT M/T)
2	V37 18VT (DIESEL)
2	D16 20WT/OR (NGC)
2	K242 18BR/WT (SRT)
3	C818 18LB/OR (DIESEL)
3	C818 20LB/OR (NGC)
4	A209 10RD (DIESEL)
4	K342 16BR/WT (GAS)
5	C18 18LB/BR (DIESEL)
5	C18 20LB/BR (NGC)
5	G127 20VT/DB (SRT)
6	K31 18BR (DIESEL)
6	K106 20VT/LB (NGC)
6	K106 18VT/LB (SRT)
7	K174 18BR/YL (DIESEL)
7	K107 20VT/WT (NGC)
7	K107 18VT/WT (SRT)
8	T101 16DG (4.7L)

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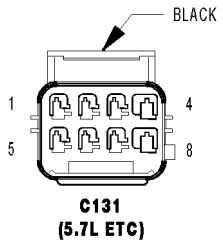
C130 - (TRANSMISSION SIDE)

CAV	CIRCUIT
8	K451 20BR/WT (5.7L MDS)
9	T41 18YL/DB (DIESEL/SRT A/T)
9	T41 20YL/DB (NGC A/T)
10	C918 18BK/LB (DIESEL)
10	C918 20BK/LB (NGC)
10	L10 18WT/GY (SRT M/T)
11	C13 18LB/OR (DIESEL)
11	A918 20RD (NGC)
11	A919 18RD (SRT)
12	C3 18DB/YL (DIESEL)
12	C3 20DB/YL (NGC)
13	G180 20VT/YL (4.7L ETC)
13	K454 20BR/OR (5.7L MDS)
13	V32 18VT/YL (DIESEL)
13	F202 18PK/GY (SRT)
14	L10 20WT/GY (4.7L M/T ATC)
14	D20 20WT/LG (NGC EXCEPT 4.7L)
14	C240 18LB/TN (SRT)
15	D21 20WT/BR (NGC EXCEPT 4.7L)
15	K125 18BR/DG (SRT)
16	T16 16YL/OR (A/T)
17	T102 16YL (4.7L)
17	A961 14RD (DIESEL)
17	Z953 20BK (POWER WAGON)
17	T917 20YL/TN (SRT A/T)
18	T6 18DG (DIESEL A/T)
18	T6 20DG (NGC A/T)
18	T117 20DG/YL (SRT A/T)
19	K900 20DB/DG (3.7L/4.7L/DIESEL)
19	T71 20YL/OR (5.7L FULL TIME ETC)
19	K900 18DB/DG (SRT)
20	T515 18YL/DB (DIESEL/SRT A/T)
20	T515 20YL/DB (NGC A/T)
21	K25 18DB/VT (DIESEL)
21	K399 20BR/GY (NGC)
21	K99 18BR/LG (SRT)
22	T71 20YL/OR (4.7L FULL TIME ETC)
22	G24 20VT/BR (5.7L MDS)
22	B29 18DG/WT (DIESEL)
22	K75 18DB/OR (SRT)
23	D64 18WT/LB (DIESEL)
23	D64 20WT/LB (NGC)
23	C3 20DB/YL (SRT)
24	D65 18WT/LG (DIESEL)
24	D65 20WT/LG (NGC)
24	K344 18BR/GY (SRT)
25	T340 20DG/VT (4.7L FULL TIME ETC)
25	K66 20DB/WT (5.7L)
26	T751 20YL (NGC)
27	K29 18WT/BR (DIESEL)
27	K299 20BR/WT (NGC)
27	K199 18BR/VT (SRT)
28	T300 20YL/GY (4.7L)
28	T340 20DG/VT (5.7L FULL TIME ETC)
28	K854 18VT/BR (DIESEL)

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C130 - (TRANSMISSION SIDE)

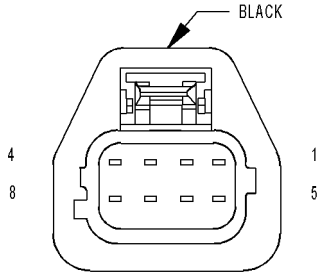
CAV	CIRCUIT
28	G180 20VT/YL (POWER WAGON)
29	K400 18BR/VT (DIESEL)
29	F1 20PK/WT (NGC)
30	D201 20WT/DG (4.7L)
30	F856 20YL/PK (5.7L)
30	K23 18BR/WT (DIESEL)
31	T341 20DG/VT (4.7L FULL TIME ETC)
31	F855 20PK/YL (5.7L)
31	K852 18BR/VT (DIESEL)
32	K167 18BR/YL (DIESEL)
32	T70 20YL (FULL TIME ETC)
32	L10 20WT/GY (NGC M/T)
33	T103 20YL/OR (4.7L)
33	T341 20DG/VT (5.7L FULL TIME ETC)
33	D201 20WT/DG (5.7L MTC)
33	K42 18DB/YL (SRT)
34	F202 18PK/GY (DIESEL)
34	F202 20PK/GY (NGC)



C131
(5.7L ETC)

C131 (5.7L ETC) - BLACK (ENGINE SIDE)

CAV	CIRCUIT
1	T101 16DG
2	-
3	D201 20WT/DG
4	T103 20YL/OR
5	T102 16YL
6	-
7	T300 20YL/GY
8	G180 20VT/YL

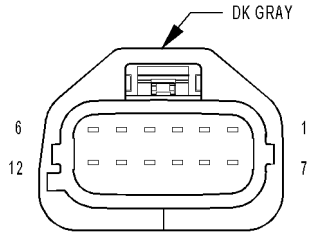


C131
(5.7L ETC)

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

CAV	CIRCUIT
1	T101 16DG
2	-
3	D201 20WT/DG
4	T103 20YL/OR
5	T102 16YL
6	-
7	T300 20YL/GY
8	G180 20VT/YL

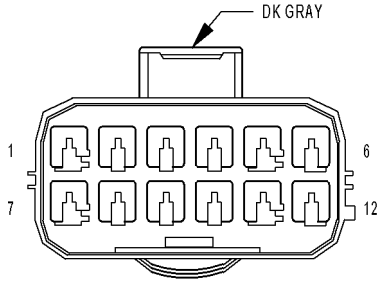
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C132 (DIESEL ETC/DIESEL A/T MTC)

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

CAV	CIRCUIT
1	K900 20DB/DG (A/T)
2	T16 16YL/OR (A/T)
3	T917 20YL/TN (A/T)
3	L10 20WT/DG (M/T)
4	T117 20DG/YL (A/T)
4	Z965 20BK (M/T)
5	T103 20YL/OR (ETC)
6	T101 16DG (ETC)
7	A918 20RD (ETC)
8	T41 20YL/DB (A/T)
9	G180 20VT/YL (ETC)
9	D201 20WT/DG (MTC)
10	T300 20YL/GY (ETC)
10	Z955 20BK (MTC)
11	T102 16YL (ETC)
12	D201 20WT/DG (ETC)

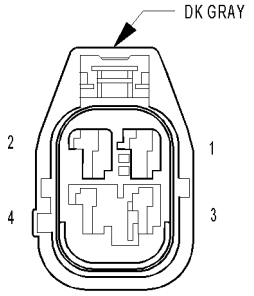


C132 (DIESEL ETC/DIESEL A/T MTC)

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

CAV	CIRCUIT
1	K900 20DB/DG (A/T)
2	T16 16YL/OR (A/T)
2	L10 20WT/GY (M/T)
3	T917 20YL/TN (A/T)
4	T117 20DG/YL (A/T)
4	Z965 20BK (M/T)
5	T103 20YL/OR (ETC)
6	T101 16DG (ETC)
7	A918 20RD (ETC)
8	T41 20YL/DB (A/T)
9	G180 20VT/YL (ETC)
9	D201 18WT/DG (MTC)
10	T300 20YL/GY (ETC)
10	Z955 18BK (MTC)
11	T102 16YL (ETC)
12	D201 20WT/DG (ETC)

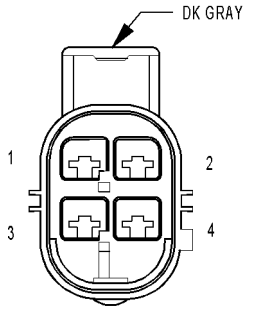
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C132
(DIESEL M/T MTC)

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

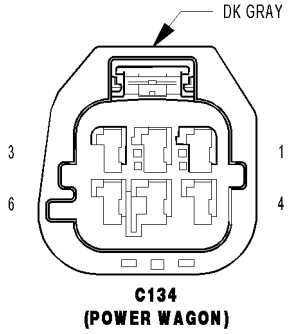
CAV	CIRCUIT
1	D201 20WT/DG
2	Z955 20BK
3	L10 20WT/GY
4	Z965 20BK



C132
(DIESEL M/T MTC)

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

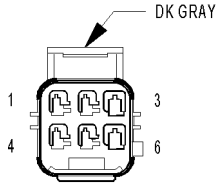
CAV	CIRCUIT
1	D201 18WT/DG
2	Z955 18BK
3	L10 20WT/GY
4	Z955 20BK



C134
(POWER WAGON)

C134 (POWER WAGON) - DK GRAY (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	T526 16YL/WT
2	T523 20YL/TN
3	T527 20YL/TN
4	T528 16YL/GY
5	-
6	-

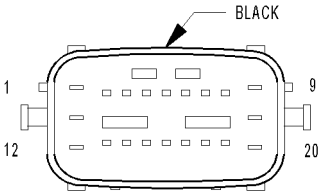


C134
(POWER WAGON)

C134 (POWER WAGON) - DK GRAY (CHASSIS SIDE)

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

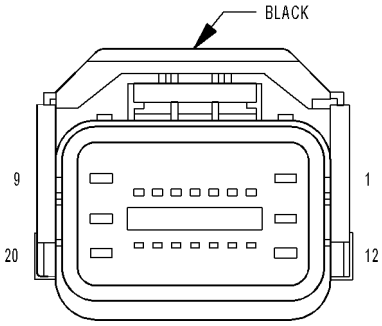
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C135

C135 - BLACK (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	A109 16OR/RD
2	L673 18YL
3	L674 18LG
4	Z210 20BK
5	N4 20DB/WT
6	L7 20WT/YL
7	L62 20WT/YL
8	L63 20WT/DG
9	L678 18BR
10	Z927 14BK/OR
11	B40 14DG (TRAILER TOW)
12	A100 14RD/VT (TRAILER TOW)
13	L1 18WT/LG
14	L50 18WT/TN (EXCEPT SRT)
14	L50 20WT/TN (SRT)
15	B22 20DG/YL (AWAL)
15	B22 18DG/YL (RWAL)
16	B222 20DG/WT (AWAL)
16	B222 18DG/WT (RWAL)
17	L70 20WT/GY
18	-
19	-
20	Z363 18BK (EXCEPT SRT)
20	Z363 18BK/DG (SRT)

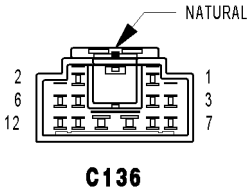


C135

C135 - BLACK (CHASSIS SIDE)

CAV	CIRCUIT
1	A109 14OR/RD
2	L673 18YL
3	L674 18LG
4	Z210 18BK
5	N4 18DB/WT
6	L7 18WT/YL
7	L62 18WT/YL
8	L63 18WT/DG
9	L678 18BR
10	Z927 12BK
11	B40 14DG (TRAILER TOW)
12	A100 14RD/VT (TRAILER TOW)
13	L1 18WT/LG
14	L50 18WT/TN
15	B22 18DG/YL
16	B222 18DG/GY
17	L70 18WT/GY
18	-
19	-
20	Z363 18BK/DG

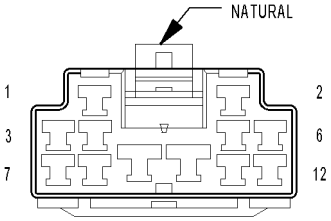
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C136

C136 - NATURAL (BODY SIDE)

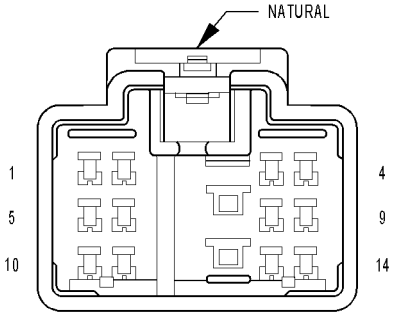
CAV	CIRCUIT
1	A956 20RD
2	A405 18RD/DB
3	C16 18DB/GY (EXCEPT BASE)
4	A940 18RD (EXCEPT BASE)
5	-
6	-
7	-
8	-
9	A210 12OR/RD (EXCEPT BASE)
10	C15 14BK (HEATED BACKLITE)
11	A916 16RD (SRT)
12	-



C136

C136 - NATURAL (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
1	A956 20RD
2	A405 18RD/DB
3	C16 16DB/GY (EXCEPT BASE)
4	A940 18RD (EXCEPT BASE)
5	-
6	-
7	-
8	-
9	A210 12OR/RD (EXCEPT BASE)
10	C15 14DB/WT (HEATED BACKLITE)
11	A916 16RD (SRT)
12	-

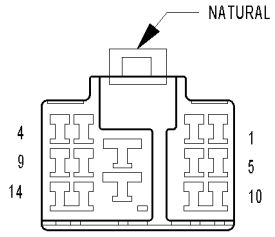


C137
(POWER WAGON)

C137 (POWER WAGON) - NATURAL (HEAD-LAMP AND DASH SIDE)

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

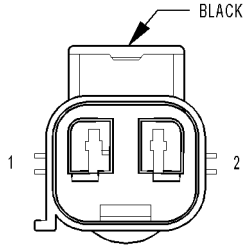
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C137
(POWER WAGON)

C137 (POWER WAGON) - NATURAL (SMART BAR SWITCH JUMPER SIDE)

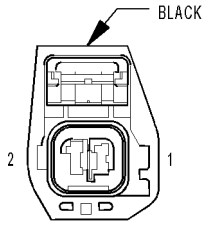
CAV	CIRCUIT
1	T529 20YL/LG
2	T530 20YL/DG
3	T531 20YL/TN
4	T532 20YL/GY
5	T533 20YL/LB
6	T534 20YL
7	-
8	T536 20YL/WT
9	T537 20YL/LG
10	T535 20YL/BR
11	-
12	-
13	E11 20OR/DB
14	Z952 20BK



C138

C138 - BLACK (FRONT FASCIA SIDE)

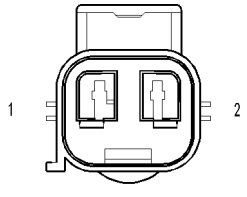
CAV	CIRCUIT
1	L89 18WT/YL
2	Z926 18BK



C138

C138 - BLACK (HEADLAMP AND DASH SIDE)

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

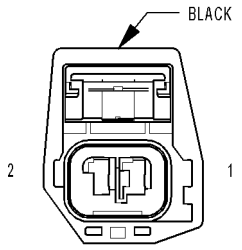


C139
(4.7L ETC)

C139 (4.7L ETC) - (ENGINE SIDE)

CAV	CIRCUIT
1	D20 20WT/LG
2	D21 20WT/BR

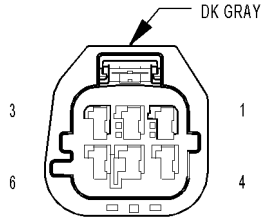
https://truckmanualshub.com/



C139
(4.7L ETC)

C139 (4.7L ETC) - BLACK (HEADLAMP AND DASH SIDE)

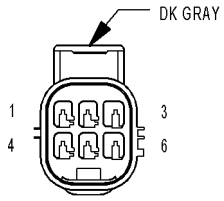
CAV	CIRCUIT
1	D20 20WT/LG
2	D21 20WT/BR



C140
(5.7L)

C140 (5.7L) - DK GRAY (MDS JUMPER SIDE)

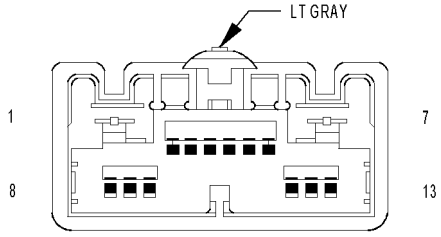
CAV	CIRCUIT
1	K451 18BR/WT
2	K452 18BR/LB
3	K453 18BR/DG
4	K454 18BR/OR
5	-
6	Z903 18BK



C140
(5.7L)

C140 (5.7L) - DK GRAY (ENGINE SIDE)

CAV	CIRCUIT
1	K451 20BR/WT
2	K452 20BR/LB
3	K453 20BR/DG
4	K454 20BR/OR
5	-
6	Z903 20BK

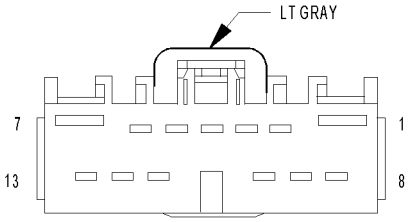


C200

C200 - LT GRAY (HVAC SIDE)

CAV	CIRCUIT
1	C70 10DB/YL
2	C34 20DB/LB
3	C71 16DB/BR
4	C32 20DB/TN
5	C73 14DB/VT
6	C72 16DB/OR
7	F942 10DB
8	C801 20DB
9	C21 20DB/LG (A/C)
10	C121 20DB/DG (A/C)
11	C61 20DB/LG
12	C33 20LB/BR (DUAL ZONE)
13	C29 20DB

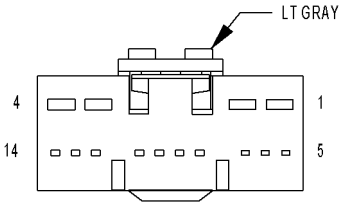
https://truckmanualshub.com/



C200

C200 - LT GRAY (I/P SIDE)

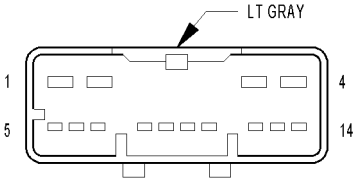
CAV	CIRCUIT
1	C70 10DB/YL
2	C34 20DB/LB
3	C71 16DB/BR
4	C32 20DB/TN
5	C73 14DB/VT
6	C72 16DB/OR
7	F942 10PK/LG
8	C801 20DB/OR
9	C21 20DB/LG (A/C)
10	C121 20DB/DG (A/C)
11	C61 20DB/LG
12	C33 20LB/BR (DUAL ZONE)
13	C29 20DB



C201

C201 - LT GRAY (HEADLINER SIDE)

CAV	CIRCUIT
1	A310 14RD/LB (SUNROOF)
2	Z13 20BK/WT (EXCEPT BASE)
3	L50 18WT/TN
4	Z964 14BK
5	A919 20RD (EXCEPT BASE)
6	-
7	L14 20WT/TN
8	-
9	M20 20YL/LB
10	D54 20WT (EXCEPT BASE)
11	D55 20WT/OR (EXCEPT BASE)
12	M288 20YL/GY (EXCEPT BASE)
13	-
14	-

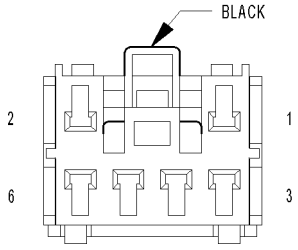


C201

C201 - LT GRAY (I/P SIDE)

CAV	CIRCUIT
1	A310 16RD/LB (EXCEPT BASE)
2	Z13 18BK/WT
3	L50 18WT/TN
4	Z964 18BK (EXCEPT BASE)
5	A919 20RD (EXCEPT BASE)
6	F21 20PK/DG
7	L14 20WT/TN
8	-
9	M20 20YL/LB
10	D54 20WT (EXCEPT BASE)
11	D55 20WT/OR (EXCEPT BASE)
12	M288 20YL/GY
13	-
14	-

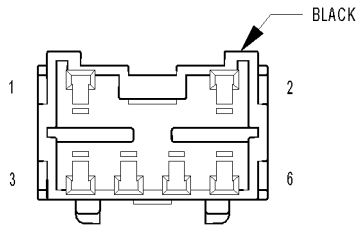
https://truckmanualshub.com/



C206
(EXCEPT HANDS FREE)

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

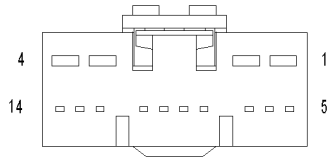
CAV	CIRCUIT
1	L70 20WT/GY (EXCEPT SRT)
2	Z946 20BK (EXCEPT SRT)
3	F21 20PK/DG (AUTO DAY/NIGHT MIRROR)
4	Z944 20BK (AUTO DAY/NIGHT MIRROR)
5	L1 20WT/LG (AUTO DAY/NIGHT MIRROR)
6	-



C206
(EXCEPT HANDS FREE)

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

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

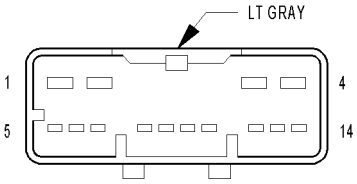


C206
(HANDS FREE)

C206 (HANDS FREE) - (CLEARANCE LAMPS SIDE)

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

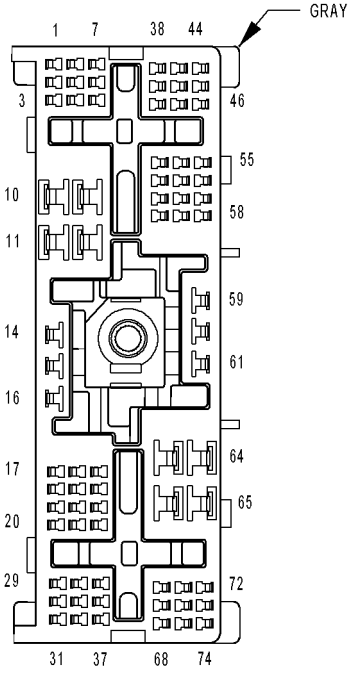
https://truckmanualshub.com/



C206
(HANDS FREE)

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

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



C219

C219 - GRAY (HEADLAMP AND DASH SIDE)

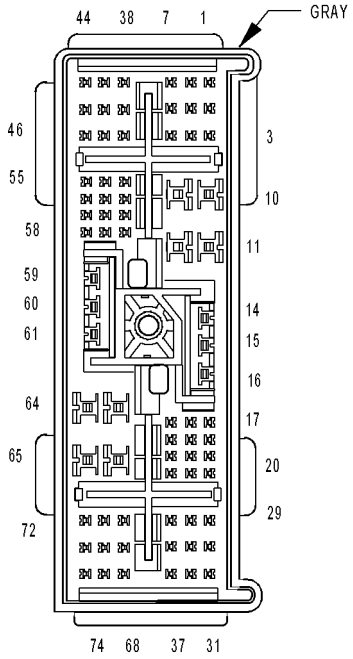
CAV	CIRCUIT
1	T753 18DG/YL
2	D15 20WT/DG (NGC)
2	G127 20VT/DB (SRT)
3	L50 18WT/TN
4	F1 20PK/WT
5	D21 20WT/BR (NGC)
5	D21 18WT/BR (SRT)
6	A103 18GY/RD
7	-
8	D20 20WT/LG (NGC)
8	D20 18WT/LG (SRT)
9	E11 20OR/DB (POWER WAGON)
10	-
11	F30 10PK/YL (EXCEPT BASE)
12	-
13	F942 10PK/LG
14	F20 20PK/WT
15	A310 16RD/LB (EXCEPT BASE)
16	A106 20LB/RD
17	-
18	T6 20DG (EXCEPT SRT)
18	T6 18DG (SRT)
19	L70 20WT/GY
20	F21 20PK/DG
21	V32 20VT/YL (EXCEPT SRT)
21	V32 18VT/YL (SRT)
22	-
23	-
24	B25 20DG/WT
25	V30 20VT/WT (3.7L/4.7L/SRT)
25	F202 20PK/GY (5.7L)
25	Z949 20BK (DIESEL)
26	A114 18GY/RD
27	L1 18WT/LG
28	F983 20PK/YL

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C219 - GRAY (HEADLAMP AND DASH SIDE)

CAV	CIRCUIT
29	-
30	V937 20VT/BR (5.7L)
30	K900 20DB/DG (EXCEPT 5.7L)
31	A944 20RD
32	F504 20GY/PK
33	A941 18RD
34	D54 20WT
35	-
36	-
37	D55 20WT/OR
38	T917 20YL/TN (DIESEL A/T/SRT A/T)
39	G180 20VT/YL (RFE PART TIME ETC/RE ETC)
40	-
41	D64 20WT/LB (EXCEPT SRT)
41	D64 20WT/LG (SRT)
42	F202 20PK/GY
43	A72 20RD/OR (EXCEPT BASE)
44	D16 20WT/OR (GAS EXCEPT SRT)
45	D65 20WT/LG
46	-
47	T117 20DG/YL (DIESEL A/T/SRT)
48	A205 18RD/OR
49	A116 16YL/RD
50	F984 18PK/YL
51	V37 20VT (EXCEPT SRT)
51	V37 18VT (SRT)
52	V38 20VT/OR (5.7L)
53	Z210 20BK
54	N4 20DB/WT
55	-
56	F100 20PK/VT
57	D25 20WT/VT (SRT)
58	-
59	-
60	-
61	A930 16RD (HEATED SEATS)
62	-
63	-
64	-
65	-
66	R79 20LB/VT (EXCEPT 5.7L HD/EXCEPT DIESEL)
67	F201 20PK/OR
68	R81 20LB/WT (EXCEPT 5.7L HD/EXCEPT DIESEL)
69	B29 20DG/WT
70	A919 20RD
71	D51 20WT/BR
72	R80 20VT/LB (EXCEPT 5.7L HD/EXCEPT DIESEL)
73	R82 20WT/LB (EXCEPT 5.7L HD/EXCEPT DIESEL)
74	D52 20WT/LB

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C219

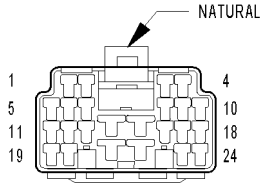
C219 - NATURAL (I/P SIDE)

CAV	CIRCUIT
1	T753 20DG/YL
2	D15 18WT/DG (EXCEPT SRT)
2	G127 20VT/DB (SRT)
3	L50 18WT/TN
4	F1 20PK/WT
5	D21 18WT/BR
6	A103 18GY/RD
7	-
8	D20 20WT/LG
9	E11 20OR/DB (POWER WAGON)
10	-
11	F30 12PK/YL (EXCEPT BASE)
12	-
13	F942 10PK/LG
14	F20 20PK/WT
15	A310 16RD/LB (EXCEPT BASE)
16	A106 20LB/RD
17	-
18	T6 20DG
19	L70 20WT/GY
20	F21 20PK/DG
21	V32 20VT/YL
22	-
23	-
24	B25 20DG/WT
25	V30 20VT/WT
26	A114 18GY/RD
27	L1 20WT/LG (EXCEPT BASE)
28	F983 20PK/YL
29	-
30	V937 20VT/BR (EXCEPT SRT)
30	K900 20DB/DG (SRT)
31	A944 20RD
32	F504 20GY/PK
33	A941 18RD
34	D54 20WT
35	-
36	-
37	D55 20WT/OR
38	T917 20YL/TN
39	-
40	-
41	D64 20WT/LB
42	F202 20PK/GY (EXCEPT BASE)
43	A72 18RD/OR (EXCEPT BASE)
44	D16 18WT/OR
45	D65 20WT/LG
46	K77 20BR/WT
47	T117 20DG/YL
48	A205 18RD/OR
49	A116 18YL/RD (PREMIUM AUDIO)
50	F984 18PK/YL
51	V37 20VT
52	V38 20VT/OR (EXCEPT SRT)

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C219 - NATURAL (I/P SIDE)

CAV	CIRCUIT
53	Z210 20BK
54	N4 20DB/WT
55	-
56	F100 20PK/VT
57	D25 20WT/VT (SRT)
58	-
59	-
60	-
61	A930 16RD (HEATED SEATS)
62	-
63	-
64	-
65	-
66	R79 20LB/VT
67	F201 20PK/OR
68	R81 20LB/WT
69	B29 20DG/WT
70	A919 20RD (EXCEPT BASE)
71	D51 20WT/BR
72	R80 20VT/LB
73	R82 20WT/LB
74	D52 20WT/LB

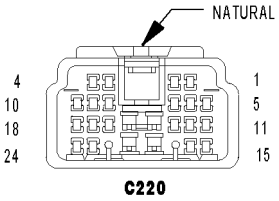


C220

C220 - NATURAL (I/P SIDE)

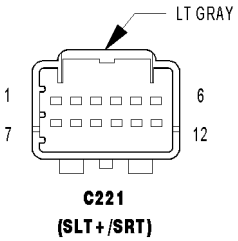
CAV	CIRCUIT
1	-
2	X295 18GY/DG
3	-
4	X153 18DG/YL
5	G75 20VT
6	G77 20VT/GY
7	X155 18DG/LB
8	-
9	-
10	X205 18GY/LG
11	P5 18TN/OR (EXCEPT BASE)
12	F100 20PK/VT
13	F201 20PK/OR
14	-
15	Q950 12OR/LG (QUAD CAB/EXCEPT BASE)
16	R57 20LG/GY
17	P393 18LG (EXCEPT BASE)
18	G161 20VT/DG (EXCEPT BASE)
19	X154 18GY/YL
20	P1 18TN/LG (EXCEPT BASE)
21	Q951 12OR/VT (QUAD CAB/EXCEPT BASE)
22	F30 12PK/YL (EXCEPT BASE)
23	F983 20PK/YL
24	X156 18GY/LB

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C220 - NATURAL (BODY SIDE)

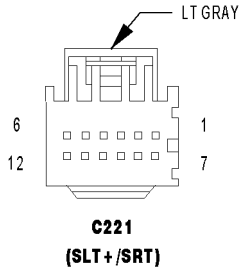
CAV	CIRCUIT
1	-
2	X295 18GY/DG
3	-
4	X153 18DG/YL
5	G75 20VT
6	G77 20VT/OR (QUAD CAB)
7	X155 18DG/LB
8	-
9	-
10	X205 18GY/LG
11	P5 18TN/OR (QUAD CAB)
12	F100 20PK/VT
13	F201 20PK/YL
14	-
15	Q950 12OR/LG (QUAD CAB/EXCEPT BASE)
16	R57 20LG/GY
17	P393 18LG (EXCEPT BASE)
18	G161 20VT/DG (EXCEPT BASE)
19	X154 18GY/YL
20	P1 18TN/LG (EXCEPT BASE)
21	Q951 12OR/VT (QUAD CAB/EXCEPT BASE)
22	F30 12PK/YL (EXCEPT BASE)
23	F983 20PK/YL
24	X156 18GY/LB



C221 (SLT+/SRT) - LT GRAY (I/P SIDE) 12 WAY

CAV	CIRCUIT
1	Z957 18BK
2	X916 20GY/OR
3	X511 18GY/LG
4	X521 18GY/LB
5	A114 18GY/RD
6	X510 18DG/LB
7	X910 18GY/DG
8	X522 18GY/DB
9	D54 20WT
10	D55 20WT/OR
11	Z30 18BK
12	Z30 18BK

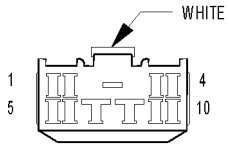
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C221
(SLT+/SRT)

C221 (SLT+/SRT) - LT GRAY (HEADLINER SIDE)
12 WAY

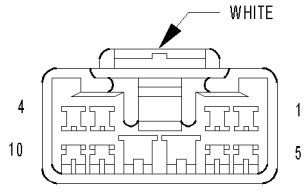
CAV	CIRCUIT
1	Z957 18BK
2	X916 20GY/OR
3	X511 20GY/LG
4	X521 20GY/LB
5	A118 18RD/OR
6	X510 20DG/LB
7	X910 20GY/DG
8	X522 20GY/DB
9	D54 20WT
10	D55 20WT/OR
11	-
12	-



C301

C301 - WHITE (BODY SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 18TN/GY (EXCEPT BASE)
4	X154 18GY/YL
5	X156 18GY/LB
6	P74 18TN/OR (EXCEPT BASE)
7	Q15 12OR/LB (EXCEPT BASE)
8	-
9	-
10	Z917 20BK

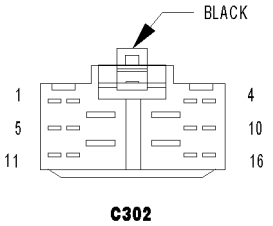


C301

C301 - WHITE (PASSENGER DOOR SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	P195 18LG/YL
3	P72 18TN/GY
4	X154 18GY/YL
5	X156 18GY/LB
6	P74 18TN/OR
7	Q15 14OR/LB
8	-
9	-
10	Z917 20BK

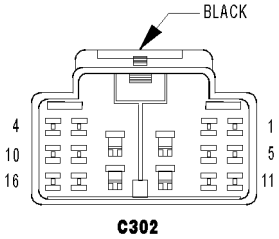
https://truckmanualshub.com/



C302

C302 - BLACK (BODY SIDE)

CAV	CIRCUIT
1	F21 20PK/DG
2	-
3	-
4	G778 18VT/LB
5	-
6	G160 20VT/LG
7	Q16 12OR/TN
8	Q26 12OR/GY
9	-
10	P392 18LG/DB
11	Z939 20BK
12	-
13	C16 18DB/GY
14	-
15	-
16	-

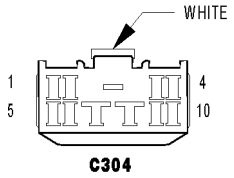


C302

C302 - BLACK (PASSENGER DOOR SIDE)

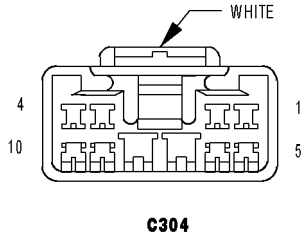
CAV	CIRCUIT
1	F21 20PK/DG
2	-
3	-
4	G778 18VT/LB
5	-
6	G160 20VT/LG
7	Q16 12OR/TN
8	Q26 12OR/GY
9	-
10	P392 18LG/DB
11	Z939 20BK
12	-
13	C16 18DB/GY
14	-
15	-
16	-

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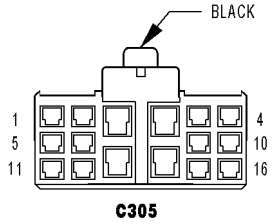
C304 - WHITE (BODY SIDE)

CAV	CIRCUIT
1	G75 20VT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 18TN/GY (EXCEPT BASE)
4	X153 18DG/YL
5	X155 18DG/LB
6	P74 18TN/OR (EXCEPT BASE)
7	F30 12PK/YL (EXCEPT BASE)
8	Q15 12OR/LB (EXCEPT BASE)
9	A940 18RD (EXCEPT BASE)
10	Z917 20BK



C304 - WHITE (DRIVER DOOR SIDE)

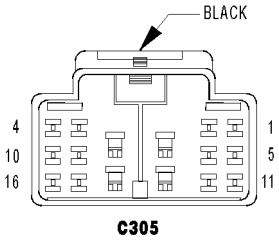
CAV	CIRCUIT
1	G75 20VT
2	P195 18LG/YL (EXCEPT BASE)
3	P72 18TN/GY (EXCEPT BASE)
4	X153 18DG/YL
5	X155 18DG/LB
6	P74 18TN/OR (EXCEPT BASE)
7	F30 14PK/YL (EXCEPT BASE)
8	Q15 14OR/LB (EXCEPT BASE)
9	A940 18RD (EXCEPT BASE)
10	Z917 20BK



C305 - BLACK (BODY SIDE)

CAV	CIRCUIT
1	C16 18DB/GY
2	Q411 14OR/WT (QUAD CAB)
3	Q611 14OR/GY (QUAD CAB)
4	P393 18LG
5	-
6	P1 18TN/LG
7	Z939 12BK
8	Q612 14OR/DB (QUAD CAB)
9	-
10	G161 20VT/DG
11	-
12	Q412 14OR/LB (QUAD CAB)
13	Q26 12OR/GY
14	Q16 12OR/TN
15	-
16	-

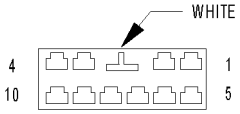
https://truckmanualshub.com/



C305

C305 - BLACK (DRIVER DOOR SIDE)

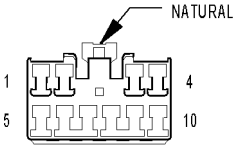
CAV	CIRCUIT
1	C16 18DB/GY
2	Q411 14OR/WT
3	Q611 14OR/GY
4	P393 18LG
5	-
6	P1 18TN/LG
7	Z939 12BK
8	Q612 14OR/DB
9	-
10	G161 20VT/DG
11	-
12	Q412 14OR/LB
13	Q26 12OR/GY
14	Q16 12OR/TN
15	-
16	-



C306
(QUAD CAB)

C306 (QUAD CAB) - WHITE (REAR DOOR SIDE)

CAV	CIRCUIT
1	Z917 20BK (EXCEPT SRT)
1	Z79 20LG/BK (SRT)
2	G77 20VT/GY
3	P393 18LG (EXCEPT BASE)
4	P5 18TN/OR (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q411 14OR/WT (EXCEPT BASE)
7	Q611 14OR/GY (EXCEPT BASE)
8	X295 18GY/DG
9	X205 18GY/LG
10	-

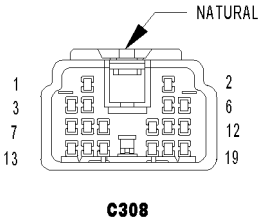


C306
(QUAD CAB)

C306 (QUAD CAB) - NATURAL (BODY SIDE)

CAV	CIRCUIT
1	Z917 20BK
2	G77 20VT/OR
3	P393 18LG (EXCEPT BASE)
4	P5 18TN/OR (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q411 14OR/WT (EXCEPT BASE)
7	Q611 14OR/GY (EXCEPT BASE)
8	X295 18GY/DG
9	X205 18GY/LG
10	-

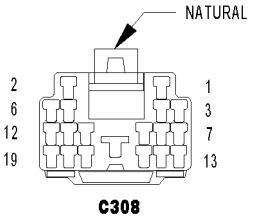
https://truckmanualshub.com/



C308

C308 - NATURAL (BODY SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	-
3	D54 20WT
4	D55 20WT/OR
5	G160 20VT/LG (EXCEPT BASE)
6	G76 20VT/YL (QUAD CAB)
7	-
8	P392 18LG/DB (EXCEPT BASE)
9	G778 18VT/LB (EXCEPT BASE)
10	F21 20PK/DG (EXCEPT BASE)
11	-
12	-
13	-
14	X206 18DG/LG
15	X296 18DG/GY
16	F984 18PK/YL (EXCEPT BASE)
17	M228 20YL/LB (EXCEPT BASE)
18	-
19	-

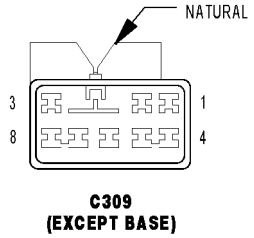


C308

C308 - NATURAL (I/P SIDE)

CAV	CIRCUIT
1	G74 20VT/WT
2	-
3	D54 20WT
4	D55 20WT/OR
5	G160 20VT/LG
6	G76 20VT/YL
7	-
8	P392 18LG/DB (EXCEPT BASE)
9	G778 18VT/LB (EXCEPT BASE)
10	F21 20PK/DG (EXCEPT BASE)
11	-
12	-
13	-
14	X206 18DG/LG
15	X296 18DG/GY
16	F984 18PK/YL (EXCEPT BASE)
17	M228 20YL/LB (EXCEPT BASE)
18	-
19	-

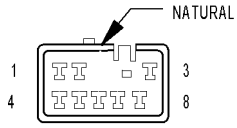
https://truckmanualshub.com/



C309
(EXCEPT BASE)

C309 (EXCEPT BASE) - NATURAL (BODY SIDE)

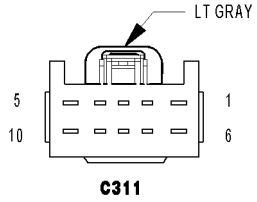
CAV	CIRCUIT
1	P95 18LG/WT
2	P693 18LG/WT
3	X31 16GY/TN (SRT)
4	-
5	-
6	-
7	-
8	X30 16DG/TN (SRT)



C309
(EXCEPT BASE)

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

CAV	CIRCUIT
1	P95 18LG/WT
2	P693 18LG/WT
3	X31 16GY/TN (SRT)
4	-
5	-
6	-
7	-
8	X30 16DG/TN (SRT)

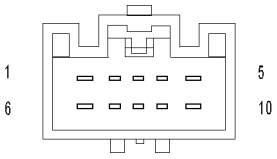


C311

C311 - LT GRAY (BODY SIDE)

CAV	CIRCUIT
1	Z939 12BK
2	-
3	Z917 20BK
4	P693 18LG/WT (SLT+/SRT)
5	F984 18PK/YL (QUAD CAB/EXCEPT BASE)
6	A405 18RD/DB
7	P95 18LG/WT (SLT+/SRT)
8	R57 20LG/GY
9	M228 20YL/LB (EXCEPT BASE)
10	A210 12OR/RD (EXCEPT BASE)

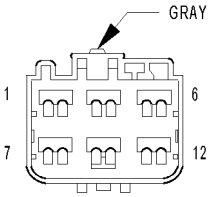
https://truckmanualshub.com/



C311

C311 - (DRIVER SEAT SIDE)

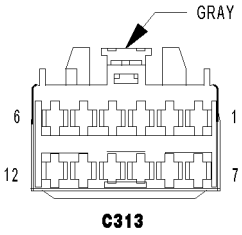
CAV	CIRCUIT
1	Z939 12BK
2	-
3	Z917 20BK
4	P693 16RD/DB (SLT+/SRT)
5	F984 16PK/YL (QUAD CAB/EXCEPT BASE)
6	A405 16RD/DB
7	P95 16LG/WT (SLT+/SRT)
8	R57 20LG/WT
9	M228 18YL/LB (EXCEPT BASE)
10	A210 12OR/RD (EXCEPT BASE)



C313

C313 - GRAY (DRIVER SEAT SIDE)

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

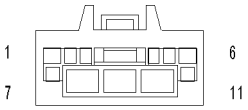


C313

C313 - GRAY (DRIVER SEAT SWITCH SIDE)

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

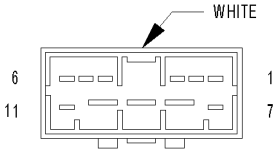
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C315

C315 - (DRIVER SEAT SIDE)

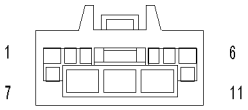
CAV	CIRCUIT
1	R263 20LB/VT
2	-
3	-
4	P95 16LG/WT (HEATED SEATS)
5	R57 20LG/GY
6	Z917 20BK
7	R261 20LB/WT
8	Z939 14BK
9	A405 16RD/DB
10	A210 12OR/RD
11	-



C315

C315 - WHITE (SEAT JUMPER SIDE)

CAV	CIRCUIT
1	R263 20LB/VT
2	-
3	-
4	P95 16LG/WT (HEATED SEATS)
5	R57 20LG/GY
6	Z917 20BK
7	R261 20LB/WT
8	Z939 14BK
9	A405 16RD/DB
10	A210 12OR/RD
11	-

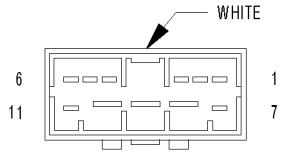


C316

C316 - (SEAT JUMPER SIDE)

CAV	CIRCUIT
1	-
2	P95 16LG/WT (HEATED SEATS)
3	R57 20LG/GY
4	Z917 20BK
5	-
6	R261 20LB/WT
7	R263 20LB/VT
8	A210 12OR/RD (POWER SEAT)
9	Z939 14BK (HEATED SEATS)
10	-
11	-

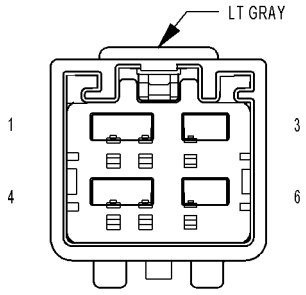
https://truckmanualshub.com/



C316

C316 - WHITE (PASSENGER SEAT SIDE)

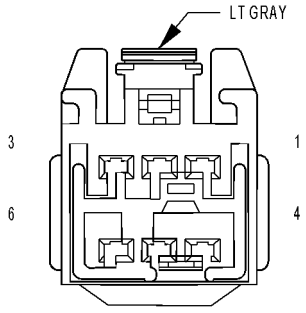
CAV	CIRCUIT
1	-
2	P95 16YL/WT (HEATED SEATS)
3	-
4	-
5	-
6	R261 20LB/WT
7	R263 20LB/VT
8	A210 12OR/RD (POWER SEAT)
9	Z939 14BK (HEATED SEATS)
10	-
11	-



C319

C319 - LT GRAY (CENTER CONSOLE SIDE)

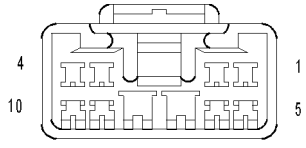
CAV	CIRCUIT
1	A405 16BR
2	Z939 18BK
3	-
4	-
5	-
6	-



C319

C319 - LT GRAY (SEAT JUMPER SIDE)

CAV	CIRCUIT
1	A405 16RD/DB
2	Z939 14BK
3	F984 16PK/YL
4	-
5	M228 18YL/LB
6	-

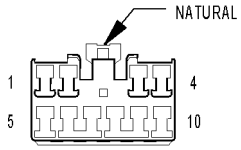


C320
(QUAD CAB)

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

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

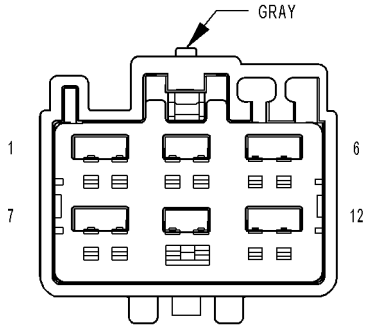
https://truckmanualshub.com/



C320
(QUAD CAB)

C320 (QUAD CAB) - NATURAL (BODY SIDE)

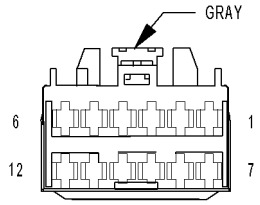
CAV	CIRCUIT
1	Z917 20BK
2	G76 20TN/YL
3	P392 18LG/DB (EXCEPT BASE)
4	G778 18VT/LB (EXCEPT BASE)
5	Q15 14OR/LB (EXCEPT BASE)
6	Q412 14OR/LB (EXCEPT BASE)
7	Q612 14OR/DB (EXCEPT BASE)
8	X296 18DG/GY
9	X206 18DG/LG
10	-



C323
(EXCEPT HEATED SEATS)

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

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

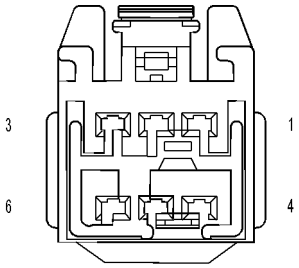


C323
(EXCEPT HEATED SEATS)

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

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

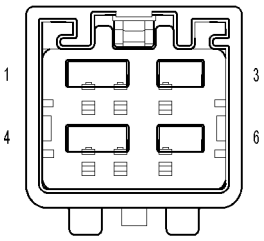
https://truckmanualshub.com/



C323
(HEATED SEATS)

C323 (HEATED SEATS) - (PASSENGER SEAT SIDE)

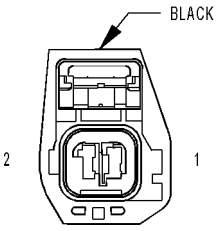
CAV	CIRCUIT
1	P104 12LG
2	P106 12LG/WT
3	A210 12OR/RD
4	Z939 14BK
5	-
6	-



C323
(HEATED SEATS)

C323 (HEATED SEATS) - (SEAT JUMPER SIDE)

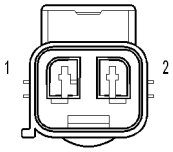
CAV	CIRCUIT
1	P104 12LG
2	P106 12LG/WT
3	A210 12OR/RD
4	Z939 14BK
5	-
6	-



C327
(DUAL REAR WHEELS)

C327 (DUAL REAR WHEELS) - BLACK (CHASSIS SIDE)

CAV	CIRCUIT
1	L7 18WT/YL
2	Z927 20BK

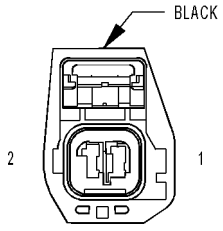


C327
(DUAL REAR WHEELS)

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

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

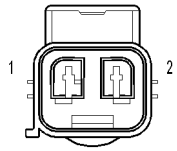
https://truckmanualshub.com/



C328 (DUAL REAR WHEELS)

C328 (DUAL REAR WHEELS) - BLACK (CHASSIS SIDE)

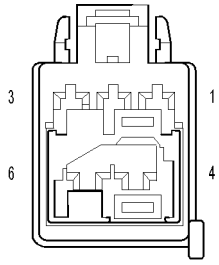
CAV	CIRCUIT
1	L70 18WT/GY
2	Z927 20BK



C328 (DUAL REAR WHEELS)

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

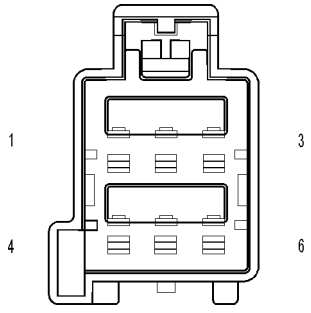
CAV	CIRCUIT
1	L70 18WT/YL
2	Z948 18BK



C331 (5.7L/DIESEL)

C331 (5.7L/DIESEL) - (APPS JUMPER SIDE)

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

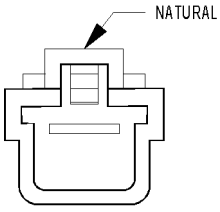


C331 (5.7L/DIESEL)

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

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

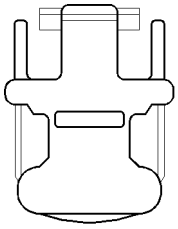
https://truckmanualshub.com/



C337

C337 - NATURAL (BODY SIDE)

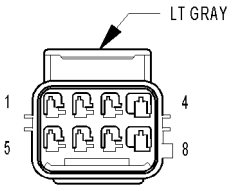
CAV	CIRCUIT
1	C15 16BK



C337

C337 - (ELECTRIC BACKLIGHT SIDE)

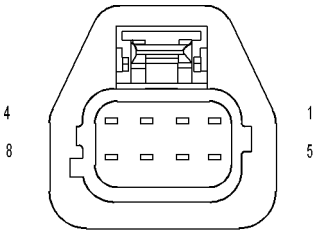
CAV	CIRCUIT
1	C15 16DB/WT



C338 (SATELLITE RADIO STANDARD CAB)

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

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

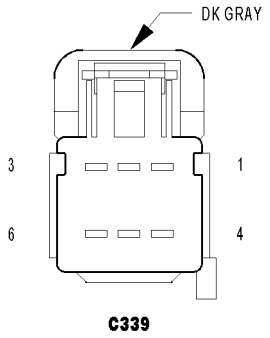


C338 (SATELLITE RADIO STANDARD CAB)

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

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

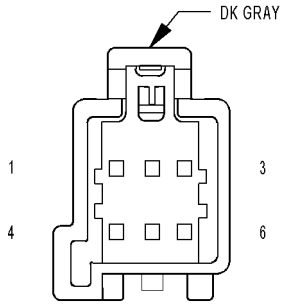
https://truckmanualshub.com/



C339

C339 - DK GRAY (BODY SIDE)

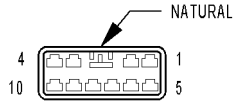
CAV	CIRCUIT
1	R263 20LB/GY
2	A956 20RD
3	R261 20LB/TN
4	D54 20WT
5	D55 20WT/OR
6	Z105 18BK



C339

C339 - DK GRAY (PASSENGER SEAT SIDE)

CAV	CIRCUIT
1	R263 20LB/VT
2	-
3	R261 20LB/WT
4	-
5	-
6	-

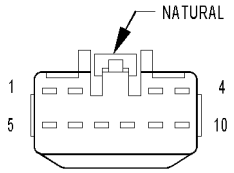


C340
(SUNROOF)

C340 (SUNROOF) - NATURAL (SUNROOF JUMPER SIDE)

CAV	CIRCUIT
1	Q6 20OR/LG
2	-
3	A310 14RD/LB
4	Q5 20OR/LB
5	Z964 14BK
6	D55 20WT/OR
7	D54 20WT
8	Q3 20OR/TN
9	Q4 20OR/YL
10	-

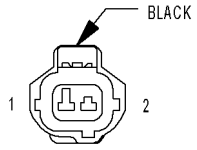
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C340 (SUNROOF)

C340 (SUNROOF) - NATURAL (HEADLINER SIDE)

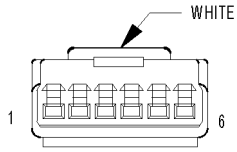
CAV	CIRCUIT
1	Q6 20OR/LG
2	-
3	A310 14RD/LB
4	Q5 20OR/LB
5	Z964 14BK
6	D55 20WT/OR
7	D54 20WT
8	Q3 20WT/OR
9	Q4 20OR/YL
10	-



CAPACITOR-IGNITION (3.7L/4.7L)

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

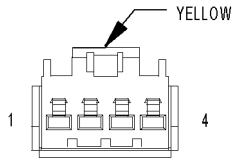
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD CONTROL OUTPUT
2	-	-



CLOCKSPRING C1

CLOCKSPRING C1 - WHITE 6 WAY

CAV	CIRCUIT	FUNCTION
1	Z909 20BK (PREMIUM)	GROUND
2	X20 20GY/WT (PREMIUM)	RADIO CONTROL MUX
3	V38 20VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
4	V37 20VT	S/C SWITCH NO. 1 SIGNAL
5	K900 20VT/BR (3.7L/4.7L/DIESEL)	SENSOR GROUND
5	V937 20VT/BR (5.7L)	S/C SWITCH RETURN
5	K900 20DB/DG (SRT)	SENSOR GROUND
6	X3 20DG/VT	HORN SWITCH SENSE

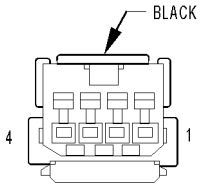


CLOCKSPRING C2

CLOCKSPRING C2 - YELLOW 4 WAY

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

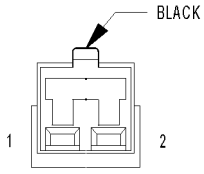
https://truckmanualshub.com/



CLOCKSPRING C3

CLOCKSPRING C3 - BLACK 4 WAY

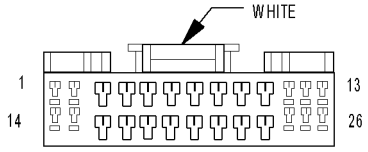
CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	V937 22DB/DG (5.7L)	S/C SWITCH RETURN
2	V937 22DB/DG (5.7L)	S/C SWITCH RETURN
2	K900 22DB/DG (EXCEPT 5.7L)	SENSOR GROUND
2	K900 22DB/DG (EXCEPT 5.7L)	SENSOR GROUND
3	V37 22VT	S/C SWITCH NO. 1 SIGNAL
3	V37 22VT	S/C SWITCH NO. 1 SIGNAL
4	V38 22VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
4	V38 22VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL



CLOCKSPRING C4 (PREMIUM)

CLOCKSPRING C4 (PREMIUM) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	G902 22WT/BR	SWITCH MUX RETURN
1	G902 22WT/BR	SWITCH MUX RETURN
2	X20 22GY/WT	RADIO CONTROL MUX
2	X20 22GY/WT	RADIO CONTROL MUX

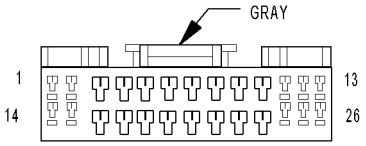


CLUSTER C1

CLUSTER C1 - WHITE 26 WAY

CAV	CIRCUIT	FUNCTION
1	P1 18TN/LG (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT FRONT
2	A941 18RD	FUSED B(+)
3	K32 18DB/YL	BTSI SOLENOID CONTROL
4	-	-
5	G95 20WT/BR (EXCEPT SRT)	NEUTRAL INDICATOR
6	-	-
7	E16 20OR/GY	PANEL LAMPS DRIVER
8	-	-
9	E19 20OR/BR	HEADLAMP SWITCH DIMMER SIGNAL
10	P393 18LG (EXCEPT BASE)	DOOR LOCK DRIVER LEFT DOORS
11	P392 18LG/DB (EXCEPT BASE)	DOOR LOCK DRIVER RIGHT DOORS
12	-	-
13	Z921 18BK	GROUND
14	Z108 20BK/LG	GROUND
15	M288 20YL/GY (SLT/SLT+)	READING LAMPS DRIVER
15	M288 18YL/GY (SRT)	READING LAMPS DRIVER
16	-	-
17	M228 20YL/LB (SLT/SLT+)	GLOVE BOX LAMP DRIVER
17	M228 18YL/LB (SRT)	GLOVE BOX LAMP DRIVER
18	L14 20WT/BR	CARGO LAMP DRIVER
19	P301 20LG/OR (HEATED SEATS/ POWER BACKLITE)	PANEL LAMPS DRIVER
20	E11 20OR/DB (SLT)	PANEL LAMPS DRIVER
21	M20 20YL/LB	COURTESY LAMPS DRIVER
22	-	-
23	P5 18TN/OR (EXCEPT BASE)	DOOR UNLOCK DRIVER LEFT REAR
24	G778 18VT/LB (EXCEPT BASE)	DOOR UNLOCK DRIVER RIGHT DOORS
25	A944 20RD	FUSED B(+)
26	A944 20RD	FUSED B(+)

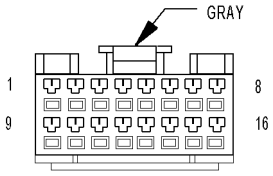
https://truckmanualshub.com/



CLUSTER C3

CLUSTER C3 - GRAY 26 WAY

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
3	G76 20VT/YL	RIGHT REAR DOOR AJAR SWITCH SENSE
4	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
5	-	-
6	L914 20WT/LG	CARGO LAMP SWITCH SIGNAL
7	Z210 20BK	GROUND
8	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
9	L115 20WT/YL	HEADLAMP SWITCH RETURN
10	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
11	G900 20WT/OR (EXCEPT SRT)	IGNITION SWITCH SENSE RETURN
12	K977 20BR/WT (4WD)	MODE SELECT
13	Z18 20BK/LB	GROUND
14	X3 20DG/VT	HORN SWITCH SENSE
15	-	-
16	-	-
17	D55 20WT/OR	CAN B BUS (+)
18	D54 20WT	CAN B BUS (-)
19	-	-
20	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE
21	-	-
22	B25 20DG/WT	PARK BRAKE SWITCH SENSE
23	-	-
24	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
25	T753 20DG/YL (SRT)	MANUAL CLUTCH INTERLOCK START FEED
26	A114 18GY/RD (EXCEPT SRT)	FUSED B(+)
26	A114 20GY/RD (SRT)	FUSED B(+)

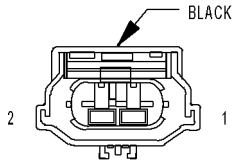


CLUSTER C4

CLUSTER C4 - GRAY 16 WAY

CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	G160 20VT/LG (EXCEPT BASE)	PASSENGER DOOR LOCK SWITCH MUX
3	G161 20VT/DG (EXCEPT BASE)	DRIVER DOOR LOCK SWITCH MUX
4	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
5	L116 20WT/LG	HEADLAMP/FOG LAMP SWITCH SIGNAL
6	-	-
7	N4 20DB/WT	FUEL LEVEL SENSOR SIGNAL
8	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
9	-	-
10	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL
11	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
12	X20 20GY/WT (REMOTE RADIO)	RADIO CONTROL MUX
13	G20 20VT/BR	IGNITION SWITCH SENSE SIGNAL
14	K77 20BR/WT	TRANSFER CASE POSITION SENSOR INPUT
15	-	-
16	-	-

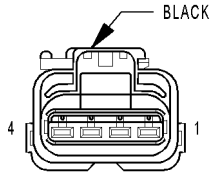
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CLUTCH-A/C COMPRESSOR

CLUTCH-A/C COMPRESSOR - BLACK 2 WAY

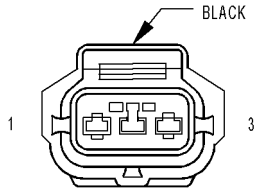
CAV	CIRCUIT	FUNCTION
1	C3 18DB/YL (DIESEL)	A/C CLUTCH CONTROL OUTPUT
1	C3 20DB/YL (NGC/SRT)	A/C CLUTCH CONTROL OUTPUT
2	Z816 18BK (DIESEL)	GROUND
2	Z153 20BK/GY (NGC)	GROUND
2	Z1 18BK (SRT)	GROUND



COIL-IGNITION-LEFT (SRT)

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

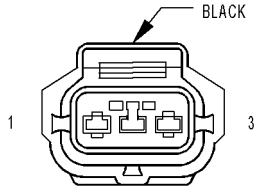
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	K133 18DB/WT	COIL CONTROL NO. 4
4	K134 18DB/YL	COIL CONTROL NO. 5



COIL-IGNITION-NO. 1 (NGC)

COIL-IGNITION-NO. 1 (NGC) - BLACK 3 WAY

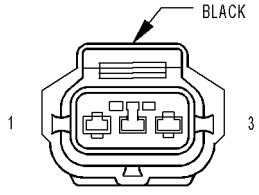
CAV	CIRCUIT	FUNCTION
1	K19 18DB/DG	COIL CONTROL NO. 1
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



COIL-IGNITION-NO. 2 (NGC)

COIL-IGNITION-NO. 2 (NGC) - BLACK 3 WAY

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

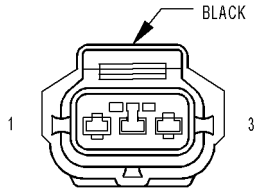


COIL-IGNITION-NO. 3 (NGC)

COIL-IGNITION-NO. 3 (NGC) - BLACK 3 WAY

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

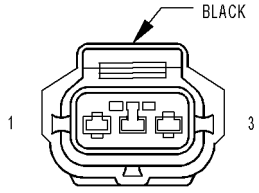
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**COIL-
IGNITION-NO. 4
(NGC)**

COIL-IGNITION-NO. 4 (NGC) - BLACK 3 WAY

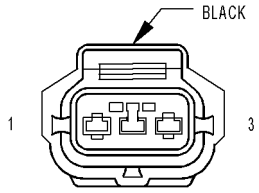
CAV	CIRCUIT	FUNCTION
1	K15 18DB/GY	COIL CONTROL NO. 4
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**COIL-
IGNITION-NO. 5
(NGC)**

COIL-IGNITION-NO. 5 (NGC) - BLACK 3 WAY

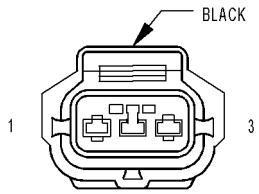
CAV	CIRCUIT	FUNCTION
1	K16 18DB/YL	COIL CONTROL NO. 5
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



**COIL-
IGNITION-NO. 6
(NGC)**

COIL-IGNITION-NO. 6 (NGC) - BLACK 3 WAY

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

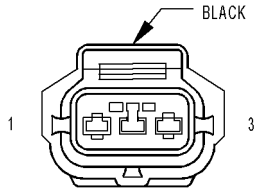


**COIL-
IGNITION-NO. 7
(4.7L/5.7L)**

COIL-IGNITION-NO. 7 (4.7L/5.7L) - BLACK 3 WAY

CAV	CIRCUIT	FUNCTION
1	K97 18DB/YL (4.7L)	COIL CONTROL NO. 7
1	K97 18BR (5.7L)	COIL CONTROL NO. 7
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-

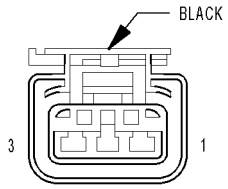
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**COIL-
IGNITION-NO. 8
(4.7L/5.7L)**

COIL-IGNITION-NO. 8 (4.7L/5.7L) - BLACK 3 WAY

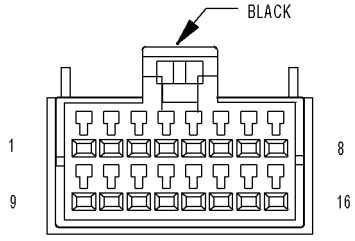
CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL	COIL CONTROL NO. 8
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	-	-



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

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

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

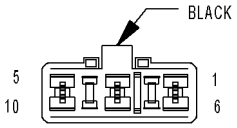


**CONTROL-A/C-
HEATER C1**

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

CAV	CIRCUIT	FUNCTION
1	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
2	Z24 20BK/OR	GROUND
3	A919 20RD (EXCEPT BASE)	FUSED B(+)
4	-	-
5	-	-
6	C21 20DB/LG	EVAPORATOR TEMPERATURE SENSOR SIGNAL
7	C121 20DB/DG	SENSOR GROUND
8	E16 20OR/GY	PANEL LAMPS DRIVER
9	C61 20DB/LG	BLEND DOOR DRIVER
10	C29 20DB	MODE DOOR 2 DRIVER
11	C32 20DB/TN	RECIRCULATION DOOR DRIVER
12	C801 20DB/OR	MODE DOOR 1 DRIVER
13	C34 20DB/LB	COMMON DOOR DRIVER
14	C33 20LB/BR (EXCEPT BASE)	PASSENGER BLEND DOOR DRIVER
15	D54 20WT	CAN B BUS (-)
16	D55 20WT/OR	CAN B BUS (+)

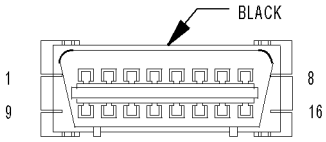
https://truckmanualshub.com/



CONTROL-A/C-HEATER C2

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

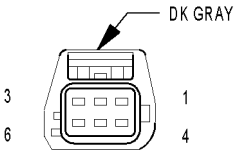
CAV	CIRCUIT	FUNCTION
1	-	-
2	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
3	C73 14DB/VT	BLOWER MOTOR M2 DRIVER
4	-	-
5	Z134 10BK/LG	GROUND
6	-	-
7	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
8	-	-
9	-	-
10	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER



DATA LINK CONNECTOR

DATA LINK CONNECTOR - BLACK 16 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 20WT/VT (SRT)	PCI BUS
3	-	-
4	Z11 18BK/LG	GROUND
5	Z111 18BK/WT	GROUND
6	D52 20WT/LB	CAN C DIAGNOSTIC (+)
7	D21 18WT/BR (DIESEL)	SCI TRANSMIT (ECM)
7	D21 18WT/BR (GAS)	SCI TRANSMIT (PCM)
8	-	-
9	D16 18WT/OR (EXCEPT SRT)	SCI RECEIVE (TCM)
10	-	-
11	-	-
12	D20 20WT/LG (DIESEL)	SCI RECEIVE (ECM)
12	D20 20WT/LG (GAS)	SCI RECEIVE (PCM)
13	-	-
14	D51 20WT/BR	CAN C DIAGNOSTIC (-)
15	D15 18WT/DG (EXCEPT SRT)	SCI TRANSMIT (TCM)
16	A114 18GY/RD (EXCEPT SRT)	FUSED B(+)
16	A114 20GY/RD (SRT)	FUSED B(+)

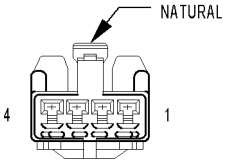


DRIVE-FAN-RADIATOR (DIESEL)

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

CAV	CIRCUIT	FUNCTION
1	K160 18BR/OR	PWM FAN COIL SIGNAL
2	N210 18DB/DG	FAN SPEED SENSOR SIGNAL
3	K161 18BR/LB	FAN SPEED SENSOR GROUND
4	-	-
5	K668 18BR	5 VOLT SUPPLY
6	A212 18PK/YL	FUSED B(+)

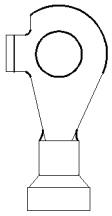
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GAUGE-ENGINE OIL TEMPERATURE (SRT)

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

CAV	CIRCUIT	FUNCTION
1	E11 20OR/DG	ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
2	G127 20VT/DB	OIL TEMPERATURE GAUGE SIGNAL
3	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z1 20BK	GROUND



GENERATOR (EXCEPT SRT)

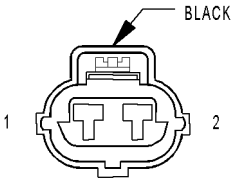
GENERATOR (EXCEPT SRT) - 1 WAY

CAV	CIRCUIT	FUNCTION
1	A11 4BR/RD	B(+)



GENERATOR (SRT) - 1 WAY

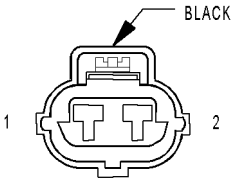
CAV	CIRCUIT	FUNCTION
1	A11 8LB	B(+)



GENERATOR (EXCEPT SRT)

GENERATOR (EXCEPT SRT) - BLACK 2 WAY

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

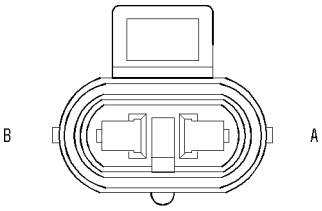


GENERATOR (SRT)

GENERATOR (SRT) - BLACK 2 WAY

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

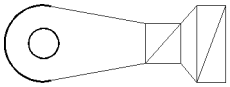
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HEATER-FUEL (DIESEL)

HEATER-FUEL (DIESEL) - 2 WAY

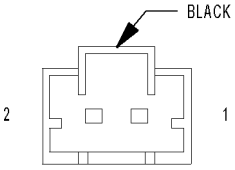
CAV	CIRCUIT	FUNCTION
A	Z902 14BK	GROUND
B	A961 14RD	FUEL HEATER CONTROL OUTPUT



HEATER-INTAKE AIR (DIESEL)

HEATER-INTAKE AIR (DIESEL) - 1 WAY

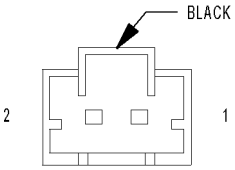
CAV	CIRCUIT	FUNCTION
1	A58 4BK	INTAKE AIR HEATER RELAY OUTPUT



HEATER-SEAT BACK-DRIVER

HEATER-SEAT BACK-DRIVER - BLACK 2 WAY

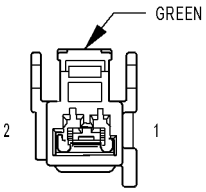
CAV	CIRCUIT	FUNCTION
1	Z939 18BK	GROUND
2	P693 18RD	DRIVER SEAT HEATER SUPPLY



HEATER-SEAT BACK-PASSENGER

HEATER-SEAT BACK-PASSENGER - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z939 18BK	GROUND
2	P95 18RD	PASSENGER SEAT HEATER SUPPLY

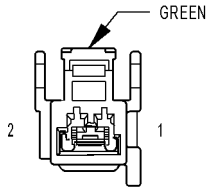


HEATER-SEAT CUSHION-DRIVER

HEATER-SEAT CUSHION-DRIVER - GREEN 2 WAY

CAV	CIRCUIT	FUNCTION
1	P693 18RD/DB	DRIVER SEAT HEATER SUPPLY
2	Z939 18BK	GROUND

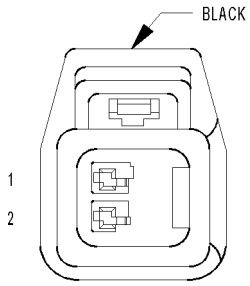
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HEATER-SEAT CUSHION-PASSENGER

HEATER-SEAT CUSHION-PASSENGER - GREEN 2 WAY

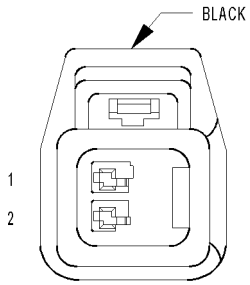
CAV	CIRCUIT	FUNCTION
1	P95 16LG/WT	PASSENGER SEAT HEATER SUPPLY
2	Z939 18BK	GROUND



HORN-NO. 1

HORN-NO. 1 - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	X22 18GY/LB	HORN CONTROL OUTPUT
2	Z298 18BK/DB	GROUND



HORN-NO. 2

HORN-NO. 2 - 2 WAY

CAV	CIRCUIT	FUNCTION
1	X21 18GY/YL	HORN CONTROL OUTPUT
2	Z299 18BK/OR	GROUND

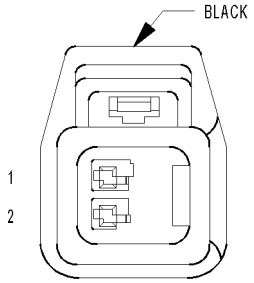


INJECTOR-FUEL-NO. 1 (DIESEL)

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

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

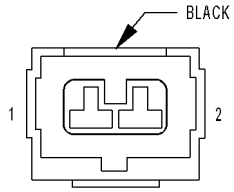
https://truckmanualshub.com/



INJECTOR-FUEL-NO. 1 (NGC)

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

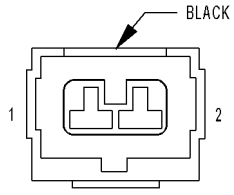
CAV	CIRCUIT	FUNCTION
1	K11 18BR/YL	INJECTOR CONTROL NO. 1
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 1 (SRT)

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

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



INJECTOR-FUEL-NO. 10 (SRT)

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

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

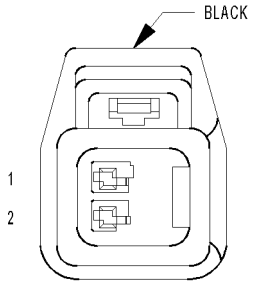


INJECTOR-FUEL-NO. 2 (DIESEL)

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

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

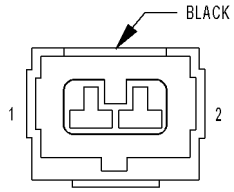
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INJECTOR-FUEL-NO. 2 (NGC)

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

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



INJECTOR-FUEL-NO. 2 (SRT)

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

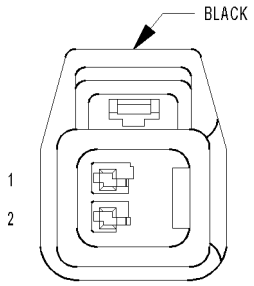
CAV	CIRCUIT	FUNCTION
1	K12 18BR/DB	INJECTOR CONTROL NO. 2
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 3 (DIESEL)

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

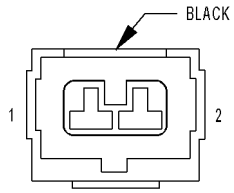
CAV	CIRCUIT	FUNCTION
1	K227 14BK	INJECTOR HIGH SIDE DRIVER-BANK 1
2	K13 14BK	INJECTOR CONTROL NO. 3



INJECTOR-FUEL-NO. 3 (NGC)

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

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



INJECTOR-FUEL-NO. 3 (SRT)

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

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

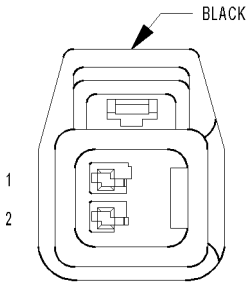
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INJECTOR-FUEL-NO. 4 (DIESEL)

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

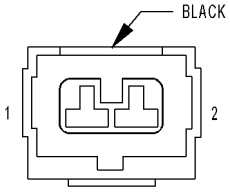
CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K14 14BK	INJECTOR CONTROL NO. 4



INJECTOR-FUEL-NO. 4 (NGC)

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

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



INJECTOR-FUEL-NO. 4 (SRT)

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

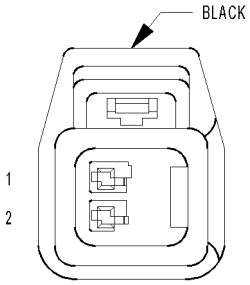
CAV	CIRCUIT	FUNCTION
1	K14 18BR/TN	INJECTOR CONTROL NO. 4
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 5 (DIESEL)

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

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

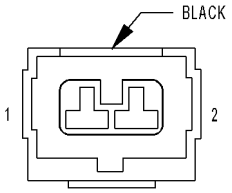


INJECTOR-FUEL-NO. 5 (NGC)

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

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

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INJECTOR-FUEL-NO. 5 (SRT)

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

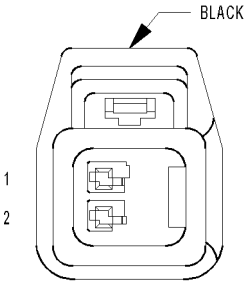
CAV	CIRCUIT	FUNCTION
1	K38 18BR/OR	INJECTOR CONTROL NO. 5
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 6 (DIESEL)

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

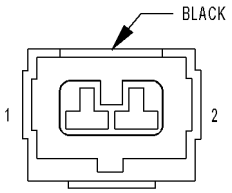
CAV	CIRCUIT	FUNCTION
1	K229 14BK	INJECTOR HIGH SIDE DRIVER-BANK 2
2	K58 14BK	INJECTOR CONTROL NO. 6



INJECTOR-FUEL-NO. 6 (NGC)

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

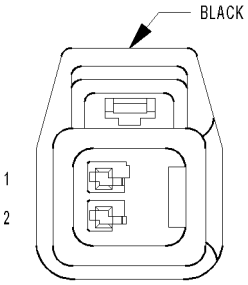
CAV	CIRCUIT	FUNCTION
1	K58 18BR/VT	INJECTOR CONTROL NO. 6
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 6 (SRT)

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

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

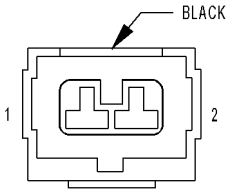


INJECTOR-FUEL-NO. 7 (NGC)

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

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

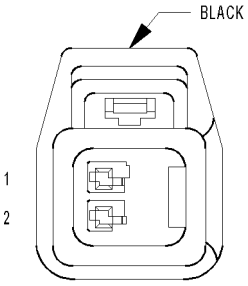
https://truckmanualshub.com/



INJECTOR-FUEL-NO. 7 (SRT)

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

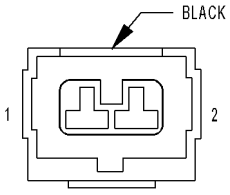
CAV	CIRCUIT	FUNCTION
1	K26 18BR/YL	INJECTOR CONTROL NO. 7
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 8 (NGC)

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

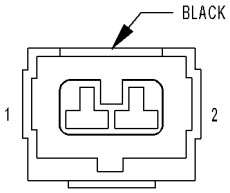
CAV	CIRCUIT	FUNCTION
1	K28 18BR/LB	INJECTOR CONTROL NO. 8
2	K342 16BR/WT	ASD CONTROL OUTPUT



INJECTOR-FUEL-NO. 8 (SRT)

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

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

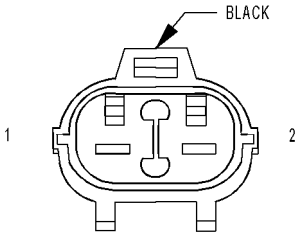


INJECTOR-FUEL-NO. 9 (SRT)

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

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

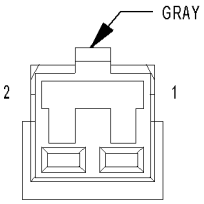
https://truckmanualshub.com/



LAMP-BAR-TAILGATE (DUAL REAR WHEELS)

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

CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z927 20BK	GROUND



LAMP-CENTER BEZEL

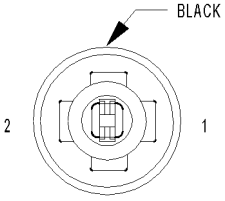
LAMP-CENTER BEZEL - GRAY 2 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z923 20BK	GROUND

CONNECTOR NOT AVAILABLE

LAMP-CHMSL-AFTERMARKET - 1 WAY

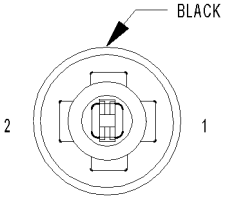
CAV	CIRCUIT	FUNCTION
1	L50 18 WT/TN	BRAKE LAMP SWITCH OUTPUT



LAMP-CLEARANCE NO. 1 (HD)

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

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

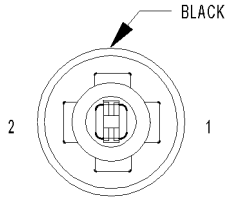


LAMP-CLEARANCE NO. 2 (HD)

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

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

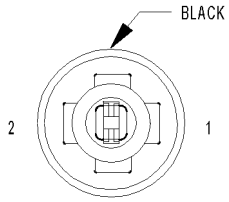
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LAMP-CLEARANCE NO. 3 (HD)

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

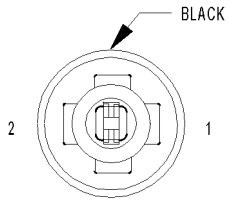
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



LAMP-CLEARANCE NO. 4 (HD)

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

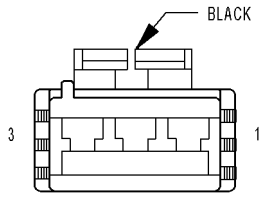
CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z946 20BK	GROUND



LAMP-CLEARANCE NO. 5 (HD)

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

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

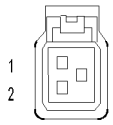


LAMP-DOME-REAR

LAMP-DOME-REAR - BLACK 3 WAY

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

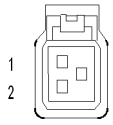
https://truckmanualshub.com/



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

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

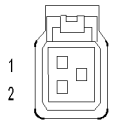
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z947 18BK	GROUND



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

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

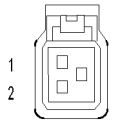
CAV	CIRCUIT	FUNCTION
1	L70 18WT/YL	FUSED PARK LAMP FEED
2	Z948 18BK	GROUND



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

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

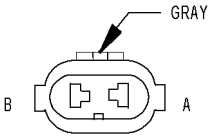
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z947 18BK	GROUND



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

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

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

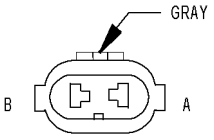


**LAMP-FOG-
LEFT FRONT**

LAMP-FOG-LEFT FRONT - GRAY 2 WAY

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

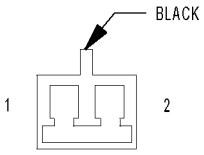
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LAMP-FOG-RIGHT FRONT

LAMP-FOG-RIGHT FRONT - GRAY 2 WAY

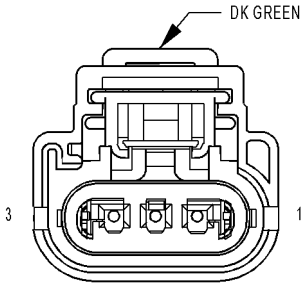
CAV	CIRCUIT	FUNCTION
A	Z926 18BK	GROUND
B	L89 18WT/YL	FOG LAMP CONTROL OUTPUT



LAMP-GLOVE BOX

LAMP-GLOVE BOX - BLACK 2 WAY

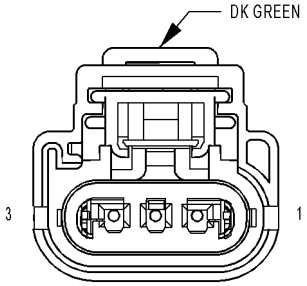
CAV	CIRCUIT	FUNCTION
1	Z328 20BK/TN	GROUND
2	M228 20YL/LB	GLOVE BOX LAMP DRIVER



LAMP-HEADLAMP-LEFT

LAMP-HEADLAMP-LEFT - DK GREEN 3 WAY

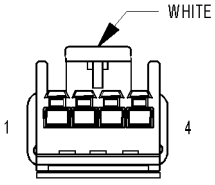
CAV	CIRCUIT	FUNCTION
1	L43 20WT/DB	LEFT LOW BEAM DRIVER
2	Z345 20BK/LB	GROUND
3	L33 20WT/LG	LEFT HIGH BEAM DRIVER



LAMP-HEADLAMP-RIGHT

LAMP-HEADLAMP-RIGHT - DK GREEN 3 WAY

CAV	CIRCUIT	FUNCTION
1	L44 20WT/TN	RIGHT LOW BEAM DRIVER
2	Z346 18BK/LG	GROUND
3	L34 20WT/GY	RIGHT HIGH BEAM DRIVER

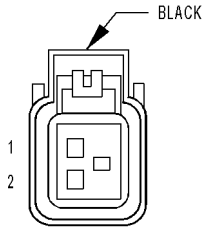


LAMP-HIGH MOUNTED STOP/CARGO

LAMP-HIGH MOUNTED STOP/CARGO - WHITE 4 WAY

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

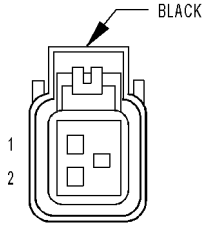
https://truckmanualshub.com/



LAMP-LICENSE-LEFT

LAMP-LICENSE-LEFT - BLACK 2 WAY

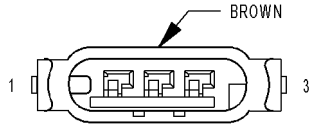
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z927 18BK	GROUND



LAMP-LICENSE-RIGHT

LAMP-LICENSE-RIGHT - BLACK 2 WAY

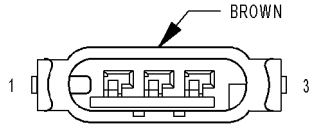
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z927 18BK	GROUND



LAMP-PARK/TURN-LEFT FRONT

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

CAV	CIRCUIT	FUNCTION
1	L61 20WT/LG	LEFT FRONT TURN LAMP DRIVER
2	L7 20WT/YL	FUSED PARK LAMP FEED
3	Z377 20BK/BR	GROUND

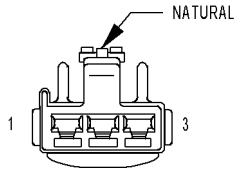


LAMP-PARK/TURN-RIGHT FRONT

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

CAV	CIRCUIT	FUNCTION
1	L60 18WT/TN	RIGHT FRONT TURN LAMP DRIVER
2	L70 18WT/GY	FUSED PARK LAMP FEED
3	Z378 18BK (EXCEPT SRT)	GROUND
3	Z378 18BK/TN (SRT)	GROUND

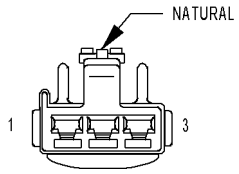
https://truckmanualshub.com/



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

LAMP-READING-FRONT (SUNROOF) - BLACK 3 WAY

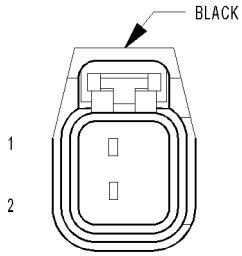
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY	READING LAMPS DRIVER
2	Z964 20BK	GROUND
3	M20 20YL/LB	COURTESY LAMPS DRIVER



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

LAMP-READING-FRONT (EXCEPT SUNROOF) - NATURAL 3 WAY

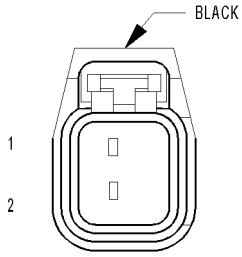
CAV	CIRCUIT	FUNCTION
1	M288 20YL/GY	READING LAMPS DRIVER
2	Z964 20BK	GROUND
3	M20 20YL/LB	COURTESY LAMPS DRIVER



**LAMP-
SIDE
MARKER-
LEFT
FRONT**

LAMP-SIDE MARKER-LEFT FRONT - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	L7 20WT/YL	FUSED PARK LAMP FEED
2	Z958 20BK	GROUND

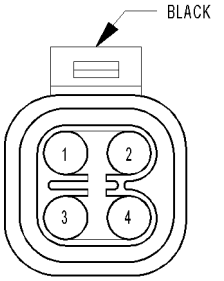


**LAMP-
SIDE
MARKER-
RIGHT
FRONT**

LAMP-SIDE MARKER-RIGHT FRONT - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	L70 20WT/GY	FUSED PARK LAMP FEED
2	Z959 18BK	GROUND

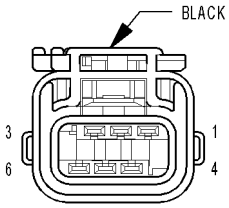
https://truckmanualshub.com/



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

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

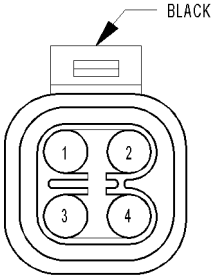
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	Z363 18BK/DG	GROUND
3	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED



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

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

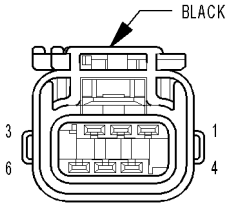
CAV	CIRCUIT	FUNCTION
1	L7 18WT/YL	FUSED PARK LAMP FEED
2	-	-
3	Z363 18BK/DG	
4	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
5	L63 18WT/DG	LEFT REAR TURN LAMP DRIVER
6	L1 18WT/LG	BACKUP LAMP FEED



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

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

CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP FEED
2	Z927 16BK	GROUND
3	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
4	L1 18WT/LG	BACKUP LAMP FEED

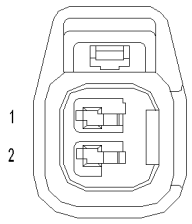


**LAMP-
TAIL
STOP/
TURN-
RIGHT
(BOX ON)**

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

CAV	CIRCUIT	FUNCTION
1	L70 18WT/GY	FUSED PARK LAMP FEED
2	-	-
3	Z927 18BK	GROUND
4	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
5	L62 18WT/YL	RIGHT REAR TURN LAMP DRIVER
6	L1 18WT/LG	BACKUP LAMP FEED

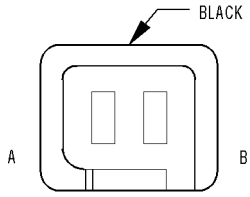
https://truckmanualshub.com/



**LAMP-
UNDERHOOD
(SRT)**

LAMP-UNDERHOOD (SRT) - 2 WAY

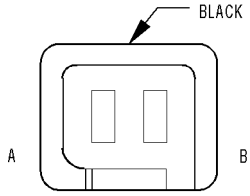
CAV	CIRCUIT	FUNCTION
1	Z470 20BK/LB	GROUND
2	A114 18GY/RD	FUSED B(+)



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

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

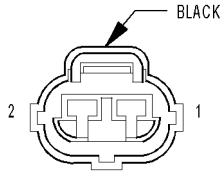
CAV	CIRCUIT	FUNCTION
A	M288 20YL/GY	READING LAMPS DRIVER
B	Z964 20BK	GROUND



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

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

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

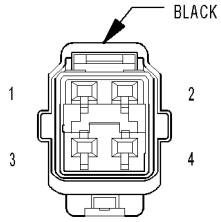


**LATCH-
DOOR-
DRIVER
(BASE)**

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

CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND

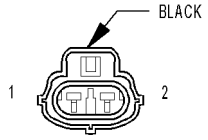
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**LATCH-
DOOR-
DRIVER
(POWER LOCKS)**

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

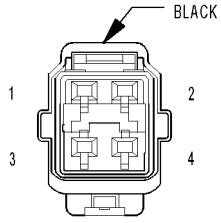
CAV	CIRCUIT	FUNCTION
1	G75 20VT	DRIVER DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND
3	P1 18TN/LG	DOOR UNLOCK DRIVER LEFT FRONT
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS



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

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

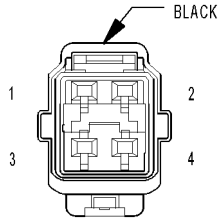
CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND



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

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

CAV	CIRCUIT	FUNCTION
1	G77 20VT/GY	LEFT REAR DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND
2	Z79 20LG/BK	GROUND
3	P5 18TN/OR	DOOR UNLOCK DRIVER LEFT REAR
4	P393 18LG	DOOR LOCK DRIVER LEFT DOORS

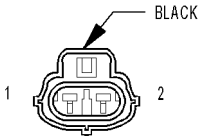


**LATCH-
DOOR-
PASSENGER
(POWER LOCKS)**

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

CAV	CIRCUIT	FUNCTION
1	G74 20VT/WT	PASSENGER DOOR AJAR SWITCH SENSE
2	Z917 20BK	GROUND
3	G778 18VT/LB	DOOR UNLOCK DRIVER RIGHT DOORS
4	P392 18LG/DB	DOOR LOCK DRIVER RIGHT DOORS

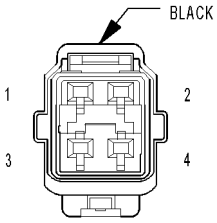
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**LATCH-
DOOR-
RIGHT REAR
(BASE)**

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

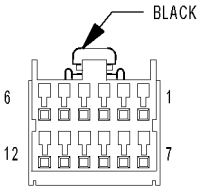
CAV	CIRCUIT	FUNCTION
1	G76 20VT/GY	RIGHT REAR DOOR AJAR SWITCH SENSE
2	Z72 20LG/BK	GROUND



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

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

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

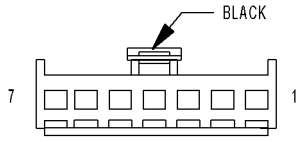


**MEDIA
SYSTEM-
MONITOR/DVD**

MEDIA SYSTEM-MONITOR/DVD - BLACK 12 WAY

CAV	CIRCUIT	FUNCTION
1	X510 20DG/LB	RIGHT AUDIO AUX
2	X916 20GY/OR	SDARS AUDIO RETURN
3	X521 20GY/LB	LEFT AUDIO AUX
4	-	
5	-	
6	A118 18RD/OR	FUSED B(+)
7	X511 20GY/LG	LEFT AUDIO AUX
8	X910 20GY/DG	AUX AUDIO RETURN/COMMON
9	X522 20GY/DB	RIGHT AUDIO AUX
10	D55 20WT/OR	CAN B BUS (+)
11	D54 20WT	CAN B BUS (-)
12	Z957 18BK	GROUND

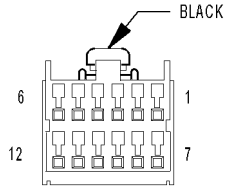
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**MIRROR-
INSIDE
REARVIEW C1
(EXCEPT BASE)**

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

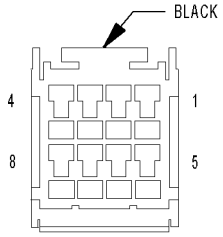
CAV	CIRCUIT	FUNCTION
1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	Z944 20BK	GROUND
3	L1 20WT/LG	BACKUP LAMP FEED
4	-	-
5	-	-
6	-	-
7	-	-



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

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

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

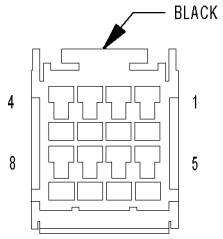


**MIRROR-
OUTSIDE
REARVIEW-
DRIVER**

MIRROR-OUTSIDE REARVIEW-DRIVER - BLACK 8 WAY

CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P75 18TN/LG	DRIVER MIRROR HORIZONTAL DRIVER
4	P71 18TN/DG	DRIVER MIRROR VERTICAL DRIVER
5	Z939 20BK	GROUND
6	-	-
7	-	-
8	-	-

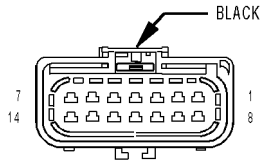
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MIRROR-OUTSIDE REARVIEW-PASSENGER

MIRROR-OUTSIDE REARVIEW-PASSENGER - BLACK 8 WAY

CAV	CIRCUIT	FUNCTION
1	C16 18DB/GY	HEATED MIRROR CONTROL OUTPUT
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
4	P72 18TN/GY	RIGHT MIRROR UP DRIVER
5	Z939 20BK	GROUND
6	-	-
7	-	-
8	-	-

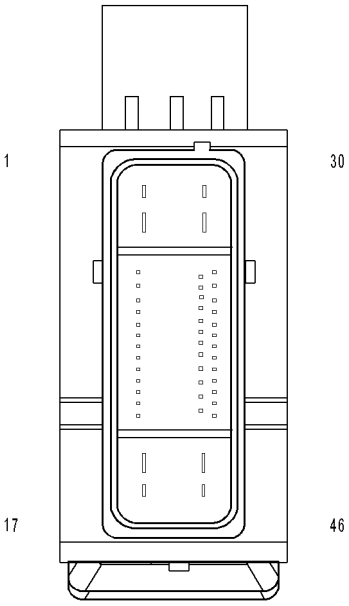


MODULE-ANTI-LOCK BRAKES (RWAL)

MODULE-ANTI-LOCK BRAKES (RWAL) - BLACK 14 WAY

CAV	CIRCUIT	FUNCTION
1	B222 18DG/WT	REAR WHEEL SPEED SENSOR (+)
2	D65 18WT/LG	CAN C BUS (+)
3	D64 18WT/LB	CAN C BUS (-)
4	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
5	B9 18DG/LG (5.7L)	LEFT FRONT WHEEL SPEED SENSOR (+)
6	Z107 14BK/DG	GROUND
7	A111 14DG/RD	FUSED B(+)
8	B22 18DG/YL	REAR WHEEL SPEED SENSOR (-)
9	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
10	B8 18DG/TN (5.7L)	LEFT FRONT WHEEL SPEED SENSOR (-)
11	-	-
12	-	-
13	-	-
14	-	-

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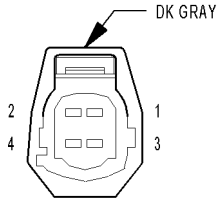


**MODULE-
ANTI-LOCK
BRAKES
(AWAL)**

MODULE-ANTI-LOCK BRAKES (AWAL) - 46 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	A111 14DG/RD	FUSED B(+)
3	D65 20WT/LG	CAN C BUS (+)
4	-	-
5	-	-
6	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	B9 20DG/LG	LEFT FRONT WHEEL SPEED SENSOR (+)
13	B8 20DG/TN	LEFT FRONT WHEEL SPEED SENSOR (-)
14	-	-
15	-	-
16	Z107 14BK/DG	GROUND
17	-	-
18	D64 20WT/LB	CAN C BUS (-)
19	-	-
20	-	-
21	K75 20DB/OR (SRT)	VEHICLE SPEED SIGNAL NO. 1
22	-	-
23	-	-
24	-	-
25	-	-
26	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)
27	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)
28	-	-
29	-	-
30	-	-
31	A107 12TN/RD	FUSED B(+)
32	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
33	-	-
34	-	-
35	-	-
36	-	-
37	-	-
38	-	-
39	-	-
40	-	-
41	B22 20DG/YL	REAR WHEEL SPEED SENSOR (-)
42	B222 20DG/WT	REAR WHEEL SPEED SENSOR (+)
43	-	-
44	-	-
45	Z127 12BK/DG	GROUND
46	-	-

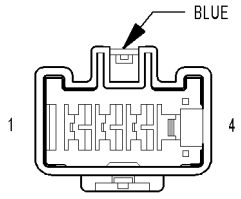
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**MODULE-
AXLE
DISCONNECT-
FRONT
(LD 4WD)**

MODULE-AXLE DISCONNECT-FRONT (LD 4WD) - DK GRAY 4 WAY

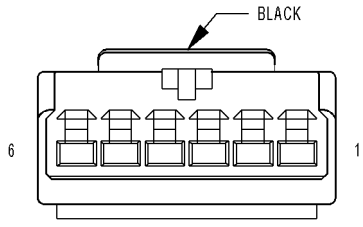
CAV	CIRCUIT	FUNCTION
1	Z906 20BK	GROUND
2	G304 20VT/DB	FRONT AXLE LOCK CONTROL
3	A880 20DB/RD	FUSED B(+)
4	G303 20VT/DG	FRONT AXLE LOCK SIGNAL



**MODULE-
BRAKE
PROVISION**

MODULE-BRAKE PROVISION - BLUE 4 WAY

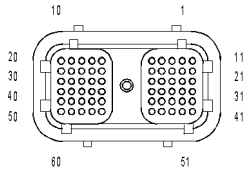
CAV	CIRCUIT	FUNCTION
1	Z998 18BK	GROUND
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	B40 14DG	TRAILER TOW BRAKE B(+)
4	A400 14TN/RD	FUSED B(+)



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

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

CAV	CIRCUIT	FUNCTION
1	-	
2	A919 20RD	FUSED B(+)
3	D55 20WT/OR	CAN B BUS (+)
4	D54 20WT	CAN B BUS (-)
5	Z13 20BK/WT	GROUND
6	-	



**MODULE-
ENGINE
CONTROL C1**

MODULE-ENGINE CONTROL C1 - 60 WAY

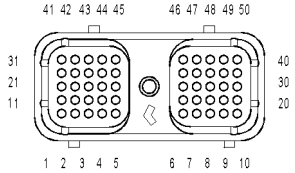
CAV	CIRCUIT	FUNCTION
1	K139 18DB	WASTEGATE SOLENOID CONTROL
2	G6 18VT/GY	OIL PRESSURE SIGNAL
3	-	-
4	D65 18WT/LG	CAN C BUS (+)
5	D64 18WT/LB	CAN C BUS (-)
6	K65 18BR/LB	FUEL PUMP SOLENOID RETURN
7	K20 18BR/GY	GEN FIELD CONTROL
8	K314 18TN/YL (A/T)	TTVA MOTOR (+)
9	-	-
10	-	-
11	K923 18BR/WT	WATER IN FUEL SENSOR GROUND
12	K181 18BR/YL	FUEL RAIL SENSOR SIGNAL
13	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
14	-	-
15	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16	K616 18BR/YL	INLET AIR PRESSURE SENSE
17	K2 18VT/OR	ECT SIGNAL

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MODULE-ENGINE CONTROL C1 - 60 WAY

CAV	CIRCUIT	FUNCTION
18	-	-
19	K604 18BR/TN	FUEL PUMP SOLENOID CONTROL
20	K315 18TN/OR (A/T)	TTVA MOTOR (-)
21	K161 18BR/LB	FAN SPEED SENSOR GROUND
22	K24 18BR/LB	CKP SIGNAL
23	K200 18BR/YL	SENSOR GROUND
24	K44 18DB/GY	CMP SIGNAL
25	K668 18BR	5 VOLT SUPPLY
26	-	-
27	K853 18DB/BR	5 VOLT SUPPLY
28	-	-
29	K690 18BR/YL	SENSOR GROUND
30	K11 16BR/YL	INJECTOR CONTROL NO. 1
31	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL
32	K944 18BK/GY	SENSOR GROUND
33	K167 18BR/YL	APPS NO. 1 RETURN
34	N210 18DB/DG	FAN SPEED SENSOR SIGNAL
35	-	-
36	K14 16BR/TN	INJECTOR CONTROL NO. 4
37	-	-
38	-	-
39	-	-
40	K13 16TN	INJECTOR CONTROL NO. 3
41	K210 18DB/TN	SENSOR GROUND
42	K852 18BR/VT	5 VOLT SUPPLY
43	K37 18LB	BOOST PRESSURE SENSOR SIGNAL
44	-	-
45	-	-
46	K58 16BR/VT	INJECTOR CONTROL NO. 6
47	-	-
48	-	-
49	-	-
50	K12 16BR/DB	INJECTOR CONTROL NO. 2
51	-	-
52	K975 18BR/OR	SENSOR GROUND
53	K915 18BR/WT	FUEL RAIL SENSOR RETURN
54	F855 18PK/YL	5 VOLT SUPPLY
55	-	-
56	K38 16GY	INJECTOR CONTROL NO. 5
57	K229 16TN/PK	INJECTOR HIGH SIDE DRIVER-BANK 2
58	-	-
59	K227 16BR/LG	INJECTOR HIGH SIDE DRIVER-BANK 1
60	-	-

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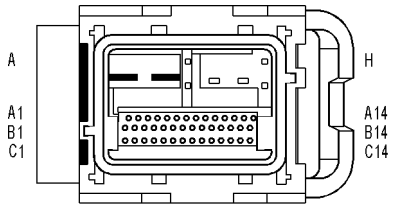


**MODULE-
ENGINE
CONTROL C2**

MODULE-ENGINE CONTROL C2 - 50 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K23 18BR/WT	APPS NO. 1 SIGNAL
4	-	-
5	T515 18YL/DB (A/T)	TRANSMISSION CONTROL
6	K174 18BR/YL	INTAKE AIR HEATER RELAY CONTROL
7	K31 18BR	FUEL PUMP CONTROL
8	-	-
9	T41 18YL/DB (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
10	-	-
11	-	-
12	-	-
13	T6 18DG (A/T)	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
14	T118 18DG (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
15	T9 18DG/TN (A/T)	3-4 SOLENOID CONTROL
16	-	-
17	T38 18YL/BR (A/T)	GOVERNOR PRESSURE SENSOR SIGNAL
18	-	-
19	-	-
20	A209 16RD	FUSED B(+)
21	Z902 16BK	GROUND
22	-	-
23	F856 18YL/PK (A/T)	5 VOLT SUPPLY
24	K900 18DB/DG	SENSOR GROUND
25	T75 18YL/LB (A/T)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
26	-	-
27	K312 18OR (A/T)	TTVA POSITION SENSOR SIGNAL
28	-	-
29	T54 18DG/OR (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
30	A209 16RD	FUSED B(+)
31	-	-
32	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
33	K854 18VT/BR	5 VOLT SUPPLY
34	-	-
35	K29 18WT/BR	APPS NO. 2 SIGNAL
36	V32 18VT/YL	BRAKE SWITCH NO. 2 SIGNAL
37	B29 18DG/WT	BRAKE SWITCH NO. 1 SIGNAL
38	-	-
39	-	-
40	A209 16RD	FUSED B(+)
41	C13 18LB/OR	A/C CLUTCH CONTROL
42	-	-
43	K160 18BR/OR	PWM FAN COIL SIGNAL
44	T14 18DG/BR (A/T)	OUTPUT SPEED SENSOR SIGNAL
45	T13 18DG/VT (A/T)	SPEED SENSOR GROUND
46	V37 18VT	S/C SWITCH NO. 1 SIGNAL
47	K25 18DB/VT	BATT TEMP SIGNAL
48	K400 18BR/VT	APPS NO. 2 RETURN
49	Z902 16BK	GROUND
50	Z902 16BK	GROUND

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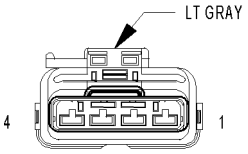


**MODULE-
FINAL
DRIVE
CONTROL
(POWER WAGON)**

MODULE-FINAL DRIVE CONTROL (POWER WAGON) - 50 WAY

CAV	CIRCUIT	FUNCTION
A	-	-
A1	T521 20YL/BK	LOCKER SENSOR SUPPLY
A2	T537 20YL/LG	LOCKER SWITCH SUPPLY
A3	T523 20YL/TN	LOCKER SENSOR SUPPLY
A4	-	-
A5	-	-
A6	D65 20WT/LG	CAN C BUS (+)
A7	D64 20WT/LB	CAN C BUS (-)
A8	T527 20YL/TN	REAR LOCKER SENSOR SENSE
A9	T522 20YL/LB	FRONT LOCKER SENSOR SENSE
A10	T535 20YL/BR	LOCKER SWITCH SENSE
A11	-	-
A12	-	-
A13	-	-
A14	-	-
B	A121 14RD/YL	FUSED B(+)
B1	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
B2	T536 20YL/WT	SWITCH SUPPLY
B3	-	-
B4	-	-
B5	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
B6	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
B7	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
B8	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
B9	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
B10	T529 20YL/LG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
B11	-	-
B12	-	-
B13	-	-
B14	-	-
C	T520 16YL/OR	FRONT LOCKER SOURCE
C1	-	-
C2	-	-
C3	-	-
C4	-	-
C5	-	-
C6	-	-
C7	-	-
C8	-	-
C9	-	-
C10	-	-
C11	-	-
C12	-	-
C13	-	-
C14	-	-
D	T526 16YL/WT	REAR LOCKER SOURCE
E	Z935 16BK	GROUND
F	Z935 16BK	GROUND
G	T524 16YL/LG	FRONT LOCKER RETURN
H	T528 16YL/GY	REAR LOCKER RETURN

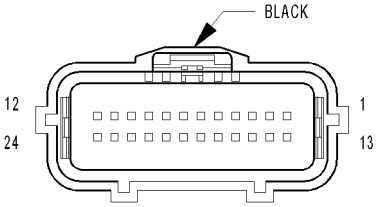
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**MODULE-
FUEL PUMP**

MODULE-FUEL PUMP - LT GRAY 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z927 12BK	GROUND
2	Z210 18BK	GROUND
3	N4 18DB/WT	FUEL LEVEL SENSOR SIGNAL
4	A109 14OR/RD	FUEL PUMP CONTROL OUTPUT

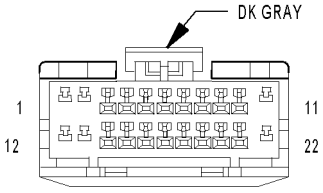


**MODULE-
GATEWAY
(SRT)**

MODULE-GATEWAY (SRT) - BLACK 24 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	D25 18WT/VT	PCI BUS
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	D65 20WT/LG	CAN C BUS (+)
9	D64 20WT/LB	CAN C BUS (-)
10	-	-
11	-	-
12	-	-
13	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	Z932 20BK	GROUND

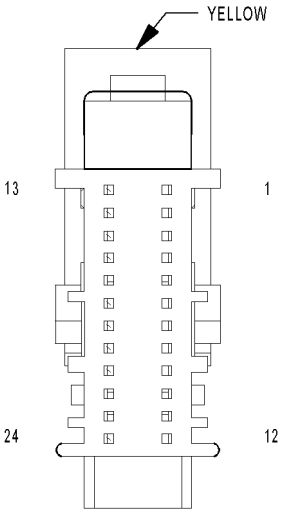
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**MODULE-
HANDS FREE**

MODULE-HANDS FREE - DK GRAY 22 WAY

CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	-	-
3	-	-
4	D54 20WT	CAN B BUS (-)
5	X722 20LB/DG	MICROPHONE 2 IN (+)
6	-	-
7	-	-
8	X716 20GY/TN	LEFT AUDIO OUTPUT
9	X776 20TN/GY	RIGHT AUDIO OUTPUT
10	X795 20DG	COMMON AUDIO OUTPUT
11	-	-
12	-	-
13	-	-
14	D55 20WT/OR	CAN B BUS (+)
15	X730 20GY/YL	VOICE RECOGNITION/PHONE SWITCH SIGNAL
16	X712 20DG/LB	MICROPHONE 1 IN (+)
17	X792 20LB/DG	MICROPHONE IN (-)
18	-	-
19	-	-
20	X793 18DG/YL	MICROPHONE FEED
21	X835 18OR/GY	SENSOR GROUND
22	Z970 18BK	GROUND

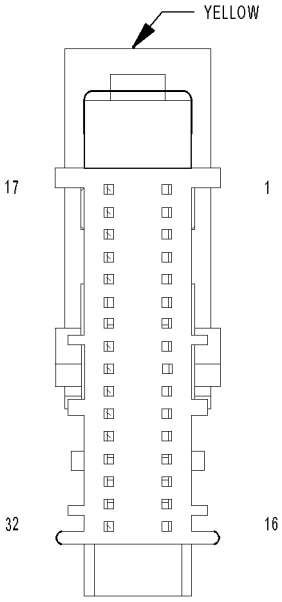


**MODULE-
OCCUPANT
RESTRAINT
CONTROLLER C1**

MODULE-OCCUPANT RESTRAINT CONTROLLER C1 - YELLOW 24 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	D55 20WT/OR	CAN B BUS (+)
4	D54 20WT	CAN B BUS (-)
5	-	-
6	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
7	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
8	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
9	R81 20LB/WT	LEFT FRONT IMPACT SENSOR GROUND
10	R79 20LB/VT	LEFT FRONT IMPACT SENSOR SIGNAL
11	R82 20WT/LB	RIGHT FRONT IMPACT SENSOR GROUND
12	R80 20VT/LB	RIGHT FRONT IMPACT SENSOR SIGNAL
13	-	-
14	-	-
15	-	-
16	-	-
17	R43 20LG/BR	DRIVER SQUIB 1 LINE 1
18	R45 20LG/OR	DRIVER SQUIB 1 LINE 2
19	R44 20LB/OR	PASSENGER SQUIB 1 LINE 2
20	R42 20LB/BR	PASSENGER SQUIB 1 LINE 1
21	R61 20LG/VT	DRIVER SQUIB 2 LINE 1
22	R63 20LG/WT	DRIVER SQUIB 2 LINE 2
23	R64 20LB/WT	PASSENGER SQUIB 2 LINE 1
24	R62 20LB/VT	PASSENGER SQUIB 2 LINE 2

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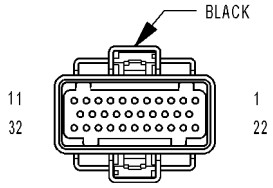


MODULE-OCCUPANT RESTRAINT CONTROLLER C2

MODULE-OCCUPANT RESTRAINT CONTROLLER C2 - YELLOW 32 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2
10	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
11	R56 20LB/DG	PASSENGER SEAT BELT TENSIONER LINE 1
12	R54 20LB/YL	PASSENGER SEAT BELT TENSIONER LINE 2
13	R1 20LB/WT (SAB)	LEFT CURTAIN SQUIB 1 LINE 2
14	R3 20LB/OR (SAB)	LEFT CURTAIN SQUIB 1 LINE 1
15	R4 20OR/LB (SAB)	RIGHT CURTAIN SQUIB 1 LINE 1
16	R2 20WT/LB (SAB)	RIGHT CURTAIN SQUIB 1 LINE 2
17	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
19	-	-
20	Z104 18BK/LG	GROUND
21	R261 20LB/TN	DRIVER SEAT POSITION SENSOR VOLTAGE
22	-	-
23	-	-
24	R263 20LB/GY	DRIVER SEAT POSITION SENSOR VOLTAGE
25	-	-
26	-	-
27	R14 20TN/LG (SAB)	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
28	R16 20BR/LG (SAB)	RIGHT SIDE IMPACT SENSOR 1 GROUND
29	R15 20LG/BR (SAB)	LEFT SIDE IMPACT SENSOR 1 GROUND
30	R13 20LG/TN (SAB)	LEFT SIDE IMPACT SENSOR 1 SIGNAL
31	-	-
32	-	-

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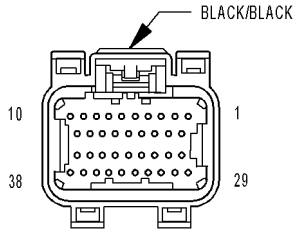


MODULE-POWERTRAIN CONTROL C1 (SRT)

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

CAV	CIRCUIT	FUNCTION
1	K133 18DB/WT	COIL CONTROL NO. 4
2	F202 18PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	K18 18DB/OR	COIL CONTROL NO. 3
4	K900 18DB/DG	SENSOR GROUND
5	K134 18DB/YL	COIL CONTROL NO. 5
6	T41 18YL/DB (A/T)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
7	K19 18DB/DG	COIL CONTROL NO. 1
8	K24 18BR/LB	CKP SIGNAL
9	K17 18DB/TN	COIL CONTROL NO. 2
10	K60 18VT/DG	IDLE AIR CONTROL NO. 2 DRIVER
11	K40 18BR/LG	IDLE AIR CONTROL NO. 1 DRIVER
12	-	-
13	-	-
14	-	-
15	K21 18DB/LG	IAT SIGNAL
16	K2 18VT/OR	ECT SIGNAL
17	F855 18PK/YL	5 VOLT SUPPLY
18	K44 18DB/GY	CMP SIGNAL
19	K39 18VT/LG	IDLE AIR CONTROL NO. 3 DRIVER
20	K59 18BR/DG	IDLE AIR CONTROL NO. 4 DRIVER
21	-	-
22	A918 18RD	FUSED B(+)
23	K22 18BR/OR	THROTTLE POSITION SENSOR SIGNAL
24	K41 18DB/LB	O2 1/1 SIGNAL
25	K141 18DB/YL	O2 1/2 SIGNAL
26	K43 18DB/VT	O2 2/1 SIGNAL
27	K1 18VT/BR	MAP SENSOR SIGNAL
28	-	-
29	K243 18BR	O2 2/2 SIGNAL
30	-	-
31	Z130 16BK/BR	GROUND
32	Z131 16BK/DG	GROUND

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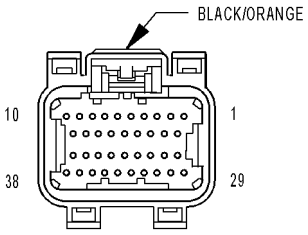


MODULE-POWERTRAIN CONTROL C1 (NGC)

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

CAV	CIRCUIT	FUNCTION
1	K98 18DB/YL (EXCEPT 3.7L)	COIL CONTROL NO. 8
2	-	-
3	K97 18DB/YL (4.7L)	COIL CONTROL NO. 7
3	K97 18BR (5.7L)	COIL CONTROL NO. 7
4	K28 18BR/LB (EXCEPT 3.7L)	INJECTOR CONTROL NO. 8
5	K26 18BR/YL (EXCEPT 3.7L)	INJECTOR CONTROL NO. 7
6	-	-
7	-	-
8	-	-
9	Z130 16BK/BR	GROUND
10	-	-
11	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
12	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	Z131 16BK/DG	GROUND
19	-	-
20	G6 18VT/GY	OIL PRESSURE SIGNAL
21	-	-
22	-	-
23	-	-
24	-	-
25	D20 20WT/LG	SCI RECEIVE (PCM)
26	D16 18WT/OR (NGC)	SCI RECEIVE (TCM)
27	F856 20YL/PK	5 VOLT SUPPLY
28	K452 20BR/LB (5.7L MDS)	MDS SOL CONTROL NO. 4
29	A918 20RD	FUSED B(+)
30	T751 20YL	IGNITION SWITCH OUTPUT (START)
31	K141 20DB/YL	O2 1/2 SIGNAL
32	K902 20BR/DG	O2 RETURN (UPSTREAM)
33	K243 20BR	O2 2/2 SIGNAL
34	D65 20WT/LG	CAN C BUS (+)
35	D64 20WT/LB	CAN C BUS (-)
36	D21 20WT/BR	SCI TRANSMIT (PCM)
37	D15 20WT/DG (NGC)	SCI TRANSMIT (TCM)
38	-	-

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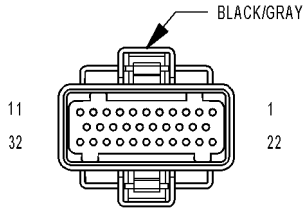


MODULE-POWERTRAIN CONTROL C2 (NGC)

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

CAV	CIRCUIT	FUNCTION
1	K10 18DB/OR	COIL CONTROL NO. 6
2	K16 18DB/YL	COIL CONTROL NO. 5
3	K15 18DB/GY	COIL CONTROL NO. 4
4	K58 18BR/VT	INJECTOR CONTROL NO. 6
5	K38 18BR/OR	INJECTOR CONTROL NO. 5
6	K447 20TN/YL (5.7L)	ETC MOTOR (+)
7	K18 18DB/OR	COIL CONTROL NO. 3
8	K35 20DB/VT (4.7L/5.7L LD)	EGR SOL CONTROL
9	K17 18DB/TN	COIL CONTROL NO. 2
10	K19 18DB/DG	COIL CONTROL NO. 1
11	K14 18BR/TN	INJECTOR CONTROL NO. 4
12	K13 18BR/LB	INJECTOR CONTROL NO. 3
13	K12 18BR/DB	INJECTOR CONTROL NO. 2
14	K11 18BR/YL	INJECTOR CONTROL NO. 1
15	K922 20BR/DB (5.7L)	TP SENSOR RETURN
16	K453 20BR/DG (5.7L MDS)	MDS SOL CONTROL NO. 6
17	K199 20BR/VT	O2 2/1 HEATER CONTROL
18	K99 20BR/LG	O2 1/1 HEATER CONTROL
19	K20 18BR/GY	GEN FIELD CONTROL
20	K2 20VT/OR	ECT SIGNAL
21	K22 20BR/OR	TP NO. 1 SIGNAL
22	K34 20DB/LG (4.7L/5.7L LD)	EGR SIGNAL
23	K1 20VT/BR	MAP SIGNAL
24	K942 20BR/LG	KNOCK SENSOR NO. 1 RETURN
25	K42 20DB/YL	KNOCK SENSOR NO. 1 SIGNAL
26	-	-
27	K900 20DB/DG	SENSOR GROUND
28	K961 20BR/VT (3.7L/4.7L)	IAC SIGNAL
28	K122 20BR/DG (5.7L)	TP NO. 2 SIGNAL
29	F855 20PK/YL	5 VOLT SUPPLY
30	K21 20DB/LG	IAT SIGNAL
31	K41 20DB/LB	O2 1/1 SIGNAL
32	K904 20DB/DG	O2 RETURN (DOWN)
33	K43 20DB/LG	O2 2/1 SIGNAL
34	K44 20DB/GY	CMP SIGNAL
35	K24 20BR/LB	CKP SIGNAL
36	K242 20BR/WT	KNOCK SENSOR NO. 2 SIGNAL
37	K924 20WT/BR	KNOCK SENSOR NO. 2 RETURN
38	K61 20VT/GY (3.7L/4.7L)	IAC CONTROL
38	K448 20TN/OR (5.7L)	ETC MOTOR (-)

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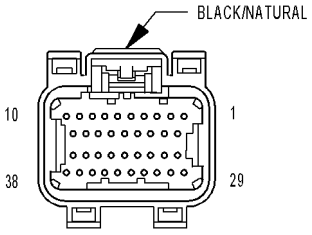


MODULE-POWERTRAIN CONTROL C2 (SRT)

MODULE-POWERTRAIN CONTROL C2 (SRT) - BLACK/GRAY 32 WAY

CAV	CIRCUIT	FUNCTION
1	T54 18DG/OR (A/T)	TRANSMISSION TEMPERATURE SENSOR SIGNAL
2	K26 18BR/YL	INJECTOR CONTROL NO. 7
3	K115 18BR	INJECTOR CONTROL NO. 9
4	K11 18BR/YL	INJECTOR CONTROL NO. 1
5	K13 18BR/LB	INJECTOR CONTROL NO. 3
6	K38 18BR/OR	INJECTOR CONTROL NO. 5
7	-	-
8	T118 18DG (A/T)	GOVERNOR PRESSURE SOLENOID CONTROL
9	-	-
10	K20 18BR/GY	GEN FIELD CONTROL
11	T75 18YL/LB (A/T)	TORQUE CONVERTER CLUTCH SOLENOID CONTROL
12	K58 18BR/VT	INJECTOR CONTROL NO. 6
13	K28 18BR/LB	INJECTOR CONTROL NO. 8
14	K116 18BR/LG	INJECTOR CONTROL NO. 10
15	K12 18BR/DB	INJECTOR CONTROL NO. 2
16	K14 18BR/TN	INJECTOR CONTROL NO. 4
17	C240 18LB/TN	HYDRAULIC COOLING CONTROL FEED
18	-	-
19	C918 18BK/LB	A/C PRESSURE GROUND
20	-	-
21	T9 18DG/TN (A/T)	3-4 SOLENOID CONTROL
21	K333 18DB/LB (M/T)	SOLENOID REVERSE LOCKOUT FEED
22	-	-
23	G6 18VT/GY	OIL PRESSURE SIGNAL
24	-	-
25	T13 18DG/VT (A/T)	SPEED SENSOR GROUND
26	-	-
27	K75 18DB/OR	VEHICLE SPEED SIGNAL NO. 1
28	T14 18DG/BR (A/T)	OUTPUT SPEED SENSOR SIGNAL
29	T38 18YL/BR (A/T)	GOVERNOR PRESSURE SENSOR SIGNAL
30	T515 18YL/DB (A/T)	TRANSMISSION CONTROL
31	F856 18YL/PK	5 VOLT SUPPLY
32	-	-

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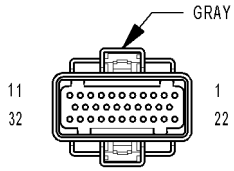


MODULE-POWERTRAIN CONTROL C3 (NGC)

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

CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	K51 20BR/WT	ASD CONTROL
4	-	-
5	V35 20VT/OR (3.7L/4.7L)	S/C VENT SOL CONTROL
5	K454 20BR/OR (5.7L MDS)	MDS SOL CONTROL NO. 7
6	K451 20BR/WT (5.7L MDS)	MDS SOL CONTROL NO. 1
7	V32 20VT/YL (3.7L/4.7L)	SPEED CONTROL SUPPLY
8	K106 20VT/LB	NVLD SOL CONTROL
9	K299 20BR/WT	O2 1/2 HEATER CONTROL
10	K399 18BR/GY	O2 2/2 HEATER CONTROL
11	C13 20LB/OR	A/C CLUTCH CONTROL
12	V36 20VT/YL (3.7L/4.7L)	S/C VACUUM SOL CONTROL
13	-	-
14	V32 20VT/YL (5.7L)	BRAKE SWITCH NO. 2 SIGNAL
15	V937 20VT/BR (5.7L)	S/C SWITCH RETURN
16	K167 20BR/YL (5.7L)	APPS NO. 1 RETURN
17	K400 20BR/VT (5.7L)	APPS NO. 2 RETURN
18	V38 20VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
19	K342 16BR/WT	ASD CONTROL OUTPUT
20	K52 20DB/WT	EVAP PURGE SOL CONTROL
21	T41 20YL/DB	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
22	G113 20VT (EXCEPT 3.7L/4.7L BASE)	PTO SWITCH SENSE
23	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL
24	-	-
25	K23 20BR/WT (5.7L)	APPS NO. 1 SIGNAL
26	-	-
27	-	-
28	K342 16BR/WT	ASD CONTROL OUTPUT
29	K70 20DB/BR	EVAP PURGE SOL SIGNAL
30	K66 20DB/WT (5.7L)	P/S SWITCH SIGNAL
31	-	-
32	-	-
33	G24 20VT/BR (5.7L LD)	OIL TEMPERATURE SIGNAL
34	V37 20VT	S/C SWITCH NO. 1 SIGNAL
35	K107 20VT/WT	NVLD SWITCH SIGNAL
36	K29 20WT/BR (5.7L)	APPS NO. 2 SIGNAL
37	K31 20BR	FUEL PUMP CONTROL OUTPUT
38	T752 18DG/OR	STARTER RELAY CONTROL

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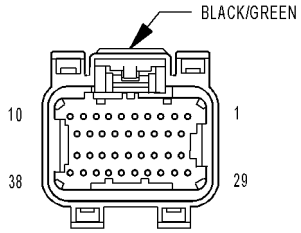


MODULE-POWERTRAIN CONTROL C3 (SRT)

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

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

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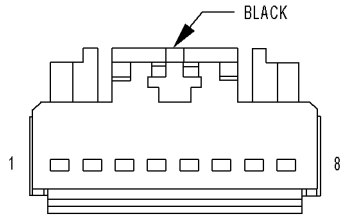


MODULE-POWERTRAIN CONTROL C4 (NGC)

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

CAV	CIRCUIT	FUNCTION
1	T60 20YL/GY	OD SOLENOID CONTROL
2	T59 20YL/LB (3.7L)	UD SOLENOID CONTROL
2	T259 20YL/DG (4.7L/5.7L)	4C SOLENOID CONTROL
3	-	-
4	T140 20YL/GY	MS SOLENOID CONTROL
5	-	-
6	T19 18YL/DB (3.7L)	2-4 SOLENOID CONTROL
6	T219 20YL/LG (4.7L/5.7L)	2C SOLENOID CONTROL
7	-	-
8	T59 20YL/LB (4.7L/5.7L)	UD SOLENOID CONTROL
9	-	-
10	T20 20DG/WT	L/R SOLENOID CONTROL
11	T118 20DG	PRESSURE CONTROL SOLENOID CONTROL
12	Z908 18BK	GROUND
13	Z977 18BK	GROUND
14	Z904 18BK	GROUND
15	T1 20DG/LB	TRS T1 SENSE
16	T3 20DG/DB	TRS T3 SENSE
17	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
18	T515 20YL/DB	TRANSMISSION CONTROL
19	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
20	T48 20BR/YL (4.7L/5.7L)	4C PRESSURE SWITCH SENSE
21	T29 20YL/WT (4.7L/5.7L)	UD PRESSURE SWITCH SENSE
22	T9 20DG/TN	OD PRESSURE SWITCH SENSE
23	-	-
24	-	-
25	-	-
26	T4 20DG/LB (4.7L/5.7L)	TRS T2 SENSE
27	-	-
28	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
29	T50 20YL/TN	L/R PRESSURE SWITCH SENSE
30	T47 18YL/DG (3.7L)	2-4 PRESSURE SWITCH SENSE
30	T147 20DG/YL (4.7L/5.7L)	2C PRESSURE SWITCH SENSE
31	T38 20YL/BR	LINE PRESSURE SENSOR SIGNAL
32	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
33	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
34	T13 20DG/VT	SPEED SENSOR GROUND
35	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
36	-	-
37	T42 20DG/YL	TRS T42 SENSE
38	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT

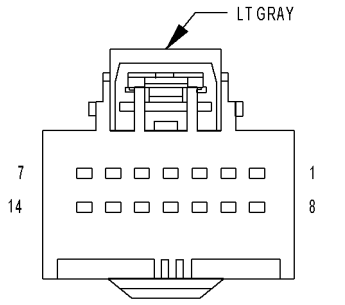
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**MODULE-
SENTRY KEY
REMOTE ENTRY**

MODULE-SENTRY KEY REMOTE ENTRY - BLACK 8 WAY

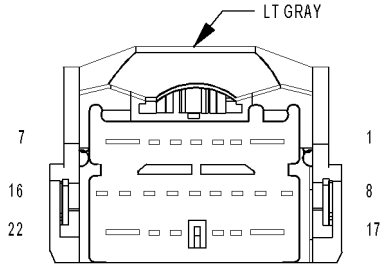
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
4	Z109 20BK/GY	GROUND
5	A114 18GY/RD	FUSED B(+)
6	D55 20WT/OR	CAN B BUS (+)
7	D54 20WT	CAN B BUS (-)
8	-	-



**MODULE-
TOTALLY
INTEGRATED
POWER C1**

MODULE-TOTALLY INTEGRATED POWER C1 - LT GRAY 14 WAY

CAV	CIRCUIT	FUNCTION
1	F1 20PK/WT	FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
2	T41 20YL/DB	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
3	G20 20VT/BR (SRT)	IGNITION SWITCH SENSE SIGNAL
4	K31 20BR	FUEL PUMP CONTROL
5	W7 20BR/GY	WIPER PARK SWITCH SENSE
6	-	-
7	-	-
8	G932 20VT/TN	WASHER FLUID SWITCH RETURN
9	W1 20BR/TN	WASHER FLUID SWITCH SENSE
10	T515 20YL/DB (EXCEPT M/T DIESEL)	TRANSMISSION CONTROL
11	-	-
12	-	-
13	Z116 20BK/VT	GROUND
14	-	-

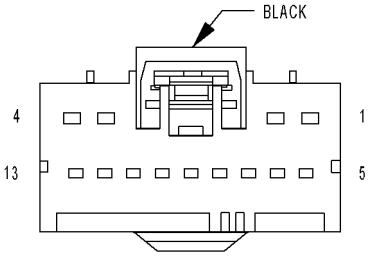


**MODULE-
TOTALLY
INTEGRATED
POWER C10**

MODULE-TOTALLY INTEGRATED POWER C10 - LT GRAY 22 WAY

CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT (EXCEPT DIESEL)	ASD CONTROL OUTPUT
2	A405 18RD/DB	FUSED B(+)
3	A941 18RD	FUSED B(+)
4	-	-
5	-	-
6	A310 16RD/LB (EXCEPT BASE)	FUSED B(+)
7	C15 14DB/WT (EXCEPT BASE)	REAR WINDOW DEFOGGER CONTROL OUTPUT
8	F12 14PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN-START)
9	T16 16YL/OR (EXCEPT DIESEL M/T)	TRANSMISSION CONTROL OUTPUT
10	-	-
11	X22 18GY/LB	HORN CONTROL OUTPUT
12	W3 14BR/WT	WIPER LOW SPEED CONTROL OUTPUT
13	Z971 18BK	GROUND
14	C16 18DB/GY (EXCEPT BASE)	HEATED MIRROR CONTROL OUTPUT
15	A956 20RD	FUSED B(+)
15	A212 20RD/OR (DIESEL)	FUSED B(+)
16	A917 18RD (SRT)	FUSED B(+)
17	A121 14RD/YL (POWER WAGON)	FUSED B(+)
18	A109 16OR/RD	FUEL PUMP CONTROL OUTPUT
19	X21 18GY/YL	HORN CONTROL OUTPUT
20	Z953 20BK (POWER WAGON)	GROUND
21	T41 20YL/DB (POWER WAGON)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
22	A400 14TN/RD (TRAILER TOW)	FUSED B(+)

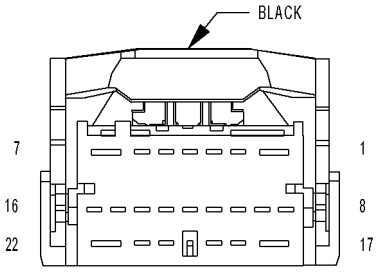
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MODULE-TOTALLY INTEGRATED POWER C2

MODULE-TOTALLY INTEGRATED POWER C2 - BLACK 13 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	W10 20BR	WASHER PUMP MOTOR CONTROL
3	F20 20PK/WT	IGNITION SWITCH OUTPUT (RUN-START)
4	A72 20RD/OR	ADJUSTABLE PEDALS OUTPUT
5	-	-
6	-	-
7	-	-
8	-	-
9	G304 20VT/DB (LD 4WD)	FRONT AXLE LOCK CONTROL
10	C13 20LB/OR	A/C CLUTCH CONTROL
11	K51 20BR/WT (EXCEPT DIESEL)	ASD CONTROL
12	B20 20DG/OR	BRAKE FLUID LEVEL SWITCH SENSE
13	Z117 20BK/WT	GROUND

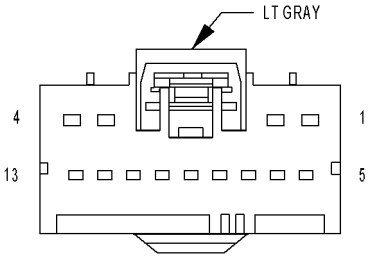


MODULE-TOTALLY INTEGRATED POWER C3

MODULE-TOTALLY INTEGRATED POWER C3 - BLACK 22 WAY

CAV	CIRCUIT	FUNCTION
1	A209 10RD (DIESEL)	FUSED B(+)
2	-	-
3	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
4	-	-
5	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
6	A205 18RD/OR	FUSED B(+)
7	-	-
8	A944 20RD	FUSED B(+)
9	A116 16YL/RD	FUSED B(+)
10	-	-
11	-	-
12	A918 20RD (EXCEPT DIESEL MTC)	FUSED B(+)
13	-	-
14	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
15	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
16	A930 16RD (HEATED SEATS)	FUSED B(+)
17	F942 10PK/LG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	L673 18YL (TRAILER TOW)	TRAILER TOW LEFT TURN RELAY OUTPUT
19	L674 18LG (TRAILER TOW)	TRAILER TOW LEFT TURN RELAY OUTPUT
20	-	-
21	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
22	F12 14PK/RD	FUSED IGNITION SWITCH OUTPUT (RUN-START)

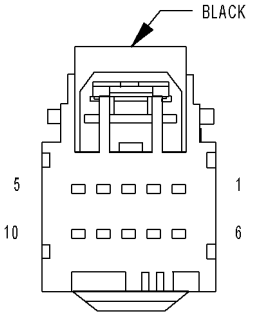
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MODULE-TOTALLY INTEGRATED POWER C4

MODULE-TOTALLY INTEGRATED POWER C4 - LT GRAY 13 WAY

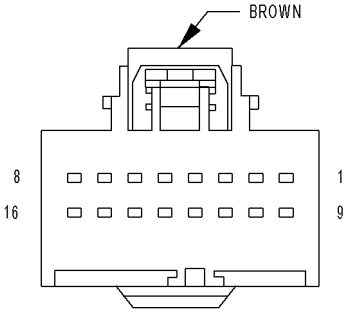
CAV	CIRCUIT	FUNCTION
1	Z118 16BK/YL	GROUND
2	T102 16YL (ETC)	SHIFT MOTOR CONTROL A
3	T101 16DG (ETC)	SHIFT MOTOR CONTROL B
4	-	-
5	-	-
6	-	-
7	-	-
8	T300 20YL/GY (ETC)	T-CASE MOTOR BRAKE SIGNAL
9	T103 20YL/OR (ETC)	5 VOLT SUPPLY
10	D201 20WT/DG (4WD)	MODE SENSOR A
11	G180 20VT/YL (4WD)	SENSOR RETURN
12	A880 20DB/RD (LD 4WD)	FUSED B(+)
13	G303 20VT/DG (LD 4WD)	FRONT AXLE LOCK SIGNAL



MODULE-TOTALLY INTEGRATED POWER C5

MODULE-TOTALLY INTEGRATED POWER C5 - BLACK 10 WAY

CAV	CIRCUIT	FUNCTION
1	L61 20WT/LG	LEFT FRONT TURN LAMP DRIVER
2	L60 20WT/TN	RIGHT FRONT TURN LAMP DRIVER
3	L34 20WT/GY	RIGHT HIGH BEAM DRIVER
4	L43 20WT/DB	LEFT LOW BEAM DRIVER
5	T340 20DG/VT (FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) SIGNAL
6	-	-
7	-	-
8	G31 20VT/LG	AAT SIGNAL
9	G930 20VT/TN	AAT RETURN
10	T71 20YL/OR (FULL TIME ETC)	INPUT SPEED SENSOR 2 (N3) RETURN

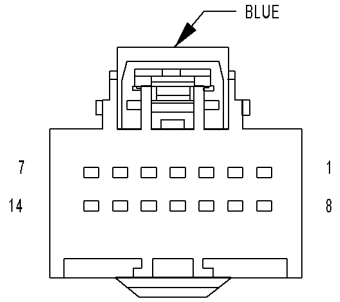


MODULE-TOTALLY INTEGRATED POWER C6

MODULE-TOTALLY INTEGRATED POWER C6 - BROWN 16 WAY

CAV	CIRCUIT	FUNCTION
1	D65 20WT/LG	CAN C BUS (+)
2	D52 20WT/LB	CAN C DIAGNOSTIC (+)
3	D55 20WT/OR	CAN B BUS (+)
4	L63 20WT/DG	LEFT REAR TURN LAMP DRIVER
5	-	-
6	L62 20WT/YL	RIGHT REAR TURN LAMP DRIVER
7	L50 20WT/TN	BRAKE LAMP SWITCH OUTPUT
8	-	-
9	D64 20WT/LB	CAN C BUS (-)
10	D51 20WT/BR	CAN C DIAGNOSTIC (-)
11	D54 20WT	CAN B BUS (-)
12	-	-
13	-	-
14	-	-
15	T70 20YL (FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) SIGNAL
16	T341 20DG/VT (FULL TIME ETC)	INPUT SPEED SENSOR 1 (N2) RETURN

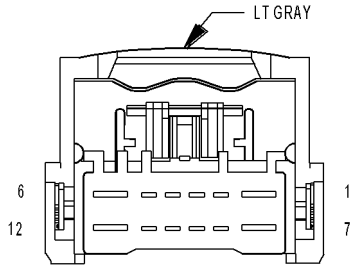
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MODULE-TOTALLY INTEGRATED POWER C7

MODULE-TOTALLY INTEGRATED POWER C7 - BLUE 14 WAY

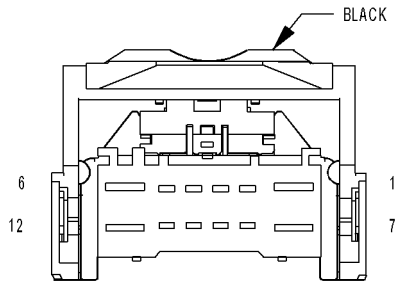
CAV	CIRCUIT	FUNCTION
1	-	-
2	-	-
3	L44 20WT/TN	RIGHT LOW BEAM DRIVER
4	L33 20WT/LG	LEFT HIGH BEAM DRIVER
5	-	-
6	-	-
7	C818 20LB/OR (EXCEPT SRT)	A/C PRESSURE 5 VOLT SUPPLY
8	L10 20WT/LG (3.7L/4.7L M/T MTC)	FUSED IGNITION SWITCH OUTPUT (RUN)
8	L10 20WT/GY (M/T EXCEPT 3.7L/4.7L M/T ETC)	FUSED IGNITION SWITCH OUTPUT (RUN)
9	-	-
10	-	-
11	-	-
12	C18 20LB/BR (EXCEPT SRT)	A/C PRESSURE SIGNAL
13	C918 20BK/LB (EXCEPT SRT)	A/C PRESSURE GROUND
14	T751 20YL (NGC)	IGNITION SWITCH OUTPUT (START)



MODULE-TOTALLY INTEGRATED POWER C8

MODULE-TOTALLY INTEGRATED POWER C8 - LT GRAY 12 WAY

CAV	CIRCUIT	FUNCTION
1	A916 16RD (SRT)	FUSED B(+)
2	A919 20RD	FUSED B(+)
3	A106 20LB/RD	FUSED B(+)
4	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
6	A100 14RD/VT (TRAILER TOW)	BACKUP LAMP FEED
7	A210 12OR/RD (EXCEPT BASE)	FUSED B(+)
8	A940 18RD (EXCEPT BASE)	FUSED B(+)
9	A103 18GY/RD	FUSED B(+)
10	L89 18WT/YL (EXCEPT BASE)	FOG LAMP CONTROL OUTPUT
11	L1 18WT/LG	BACKUP LAMP FEED
12	A961 12RD (DIESEL)	FUEL HEATER CONTROL OUTPUT
12	C123 14LB/WT (NGC)	CONDENSER FAN CONTROL OUTPUT
12	K344 18BR/GY (SRT)	OXYGEN SENSOR DOWNSTREAM CONTROL OUTPUT

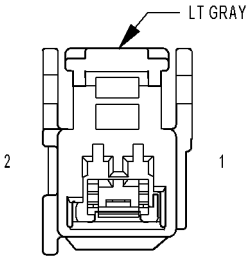


MODULE-TOTALLY INTEGRATED POWER C9

MODULE-TOTALLY INTEGRATED POWER C9 - BLACK 12 WAY

CAV	CIRCUIT	FUNCTION
1	A111 14DG/RD	FUSED B(+)
2	T40 14YL/TN	STARTER SOLENOID FEED
3	C3 20DB/YL	A/C CLUTCH CONTROL OUTPUT
4	W4 14BR/OR	WIPER MOTOR HIGH SPEED FEED
5	A114 18GY/RD	FUSED B(+)
6	F30 10PK/YL (EXCEPT BASE)	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
7	-	-
8	L7 20WT/YL	FUSED PARK LAMP FEED
9	L678 18BR	FUSED PARK LAMP FEED
10	L70 20WT/GY	FUSED PARK LAMP FEED
11	-	-
12	A107 12TN/RD (AWAL)	FUSED B(+)

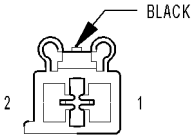
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MOTOR-ADJUSTABLE PEDALS (EXCEPT BASE)

MOTOR-ADJUSTABLE PEDALS (EXCEPT BASE) - LT GRAY 2 WAY

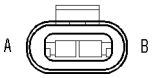
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REVERSE
2	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



MOTOR-BLOWER

MOTOR-BLOWER - BLACK 2 WAY

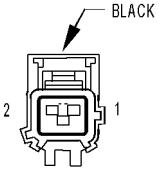
CAV	CIRCUIT	FUNCTION
1	C70 10DB/YL	BLOWER MOTOR HIGH DRIVER
2	F942 10DB	FUSED IGNITION SWITCH OUTPUT (RUN-START)



MOTOR-CONDENSER FAN (NGC)

MOTOR-CONDENSER FAN (NGC) - BLACK 2 WAY

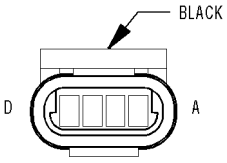
CAV	CIRCUIT	FUNCTION
A	Z823 14BK/DG	GROUND
B	C123 14LB/WT	CONDENSER FAN CONTROL OUTPUT



MOTOR-IAC (3.7L/4.7L)

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

CAV	CIRCUIT	FUNCTION
1	K961 20BR/VT	IAC SIGNAL
2	K61 20VT/GY	IAC CONTROL

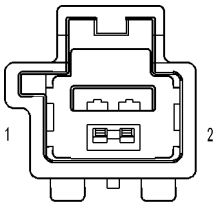


MOTOR-IAC (SRT)

MOTOR-IAC (SRT) - BLACK 4 WAY

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

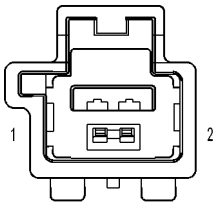
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MOTOR-LUMBAR-DRIVER

MOTOR-LUMBAR-DRIVER - 2 WAY

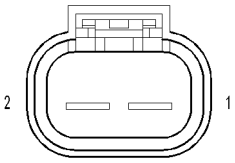
CAV	CIRCUIT	FUNCTION
1	P105 12LG	DRIVER SEAT LUMBAR MOTOR FORWARD DRIVER
2	P107 12LG/WT	DRIVER SEAT LUMBAR MOTOR REARWARD DRIVER



MOTOR-LUMBAR-PASSENGER

MOTOR-LUMBAR-PASSENGER - 2 WAY

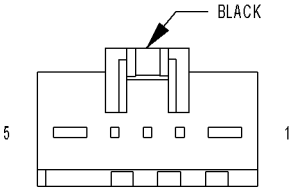
CAV	CIRCUIT	FUNCTION
1	P104 12LG	PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER
2	P106 12LG/WT	PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER



MOTOR-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE)

MOTOR-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE) - 2 WAY

CAV	CIRCUIT	FUNCTION
1	Q950 12OR/LG	POWER BACKLITE OPEN (+)
2	Q951 12OR/VT	POWER BACKLITE OPEN (-)

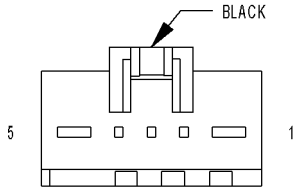


MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL

MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL - BLACK 5 WAY

CAV	CIRCUIT	FUNCTION
1	P15 12LG/WT	DRIVER SEAT HORIZONTAL FORWARD DRIVER
2	-	-
3	-	-
4	-	-
5	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER

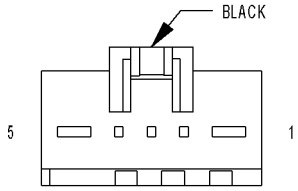
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MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL

MOTOR-SEAT ADJUSTER-FRONT DRIVER VERTICAL - BLACK 5 WAY

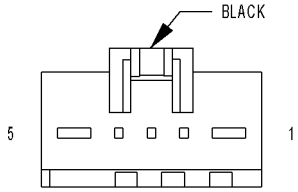
CAV	CIRCUIT	FUNCTION
1	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER
2	-	-
3	-	-
4	-	-
5	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER



MOTOR-SEAT ADJUSTER-FRONT PASSENGER VERTICAL

MOTOR-SEAT ADJUSTER-FRONT PASSENGER VERTICAL - BLACK 5 WAY

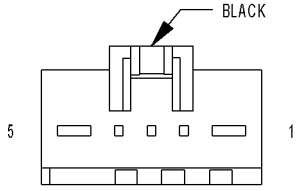
CAV	CIRCUIT	FUNCTION
1	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
2	-	-
3	-	-
4	-	-
5	P18 12LG/OR	PASSENGER SEAT FRONT DOWN DRIVER



MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL

MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL - BLACK 5 WAY

CAV	CIRCUIT	FUNCTION
1	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER
2	-	-
3	-	-
4	-	-
5	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER

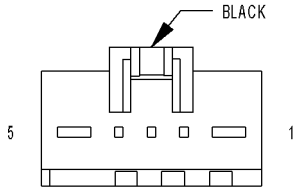


MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL

MOTOR-SEAT ADJUSTER-REAR DRIVER VERTICAL - BLACK 5 WAY

CAV	CIRCUIT	FUNCTION
1	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
2	-	-
3	-	-
4	-	-
5	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER

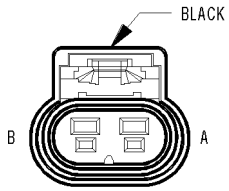
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MOTOR-SEAT ADJUSTER-REAR PASSENGER VERTICAL

MOTOR-SEAT ADJUSTER-REAR PASSENGER VERTICAL - BLACK 5 WAY

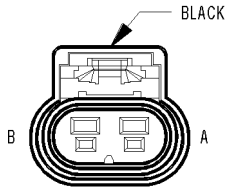
CAV	CIRCUIT	FUNCTION
1	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
2	-	-
3	-	-
4	-	-
5	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER



MOTOR-WINDOW-DRIVER

MOTOR-WINDOW-DRIVER - BLACK 2 WAY

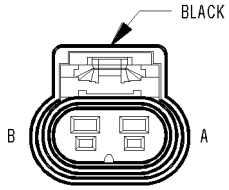
CAV	CIRCUIT	FUNCTION
A	Q21 14OR/WT	DRIVER WINDOW DRIVER DOWN
B	Q11 14OR/LG	DRIVER WINDOW DRIVER UP



MOTOR-WINDOW-LEFT REAR

MOTOR-WINDOW-LEFT REAR - BLACK 2 WAY

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

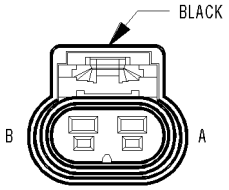


MOTOR-WINDOW-PASSENGER

MOTOR-WINDOW-PASSENGER - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
A	Q22 12OR/VT	PASSENGER WINDOW DRIVER DOWN
B	Q12 12OR/BR	PASSENGER WINDOW DRIVER UP

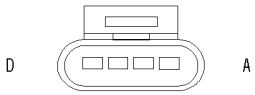
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MOTOR-WINDOW-RIGHT REAR

MOTOR-WINDOW-RIGHT REAR - BLACK 2 WAY

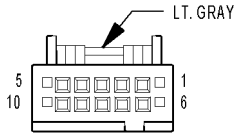
CAV	CIRCUIT	FUNCTION
A	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
B	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)



MOTOR-WINDSHIELD WIPER

MOTOR-WINDSHIELD WIPER - 4 WAY

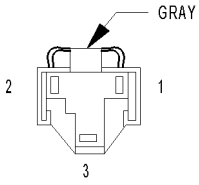
CAV	CIRCUIT	FUNCTION
A	W4 14 BR/OR	WIPER MOTOR HIGH SPEED FEED
B	W3 14 BR/WT	WIPER LOW SPEED CONTROL OUTPUT
C	Z103 14BK/WT	GROUND
D	W7 20BR/GY	WIPER PARK SWITCH SENSE



MOTOR/MODULE-SUNROOF

MOTOR/MODULE-SUNROOF - LT. GRAY 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	
2	Q4 20OR/YL	SUNROOF VENT SWITCH SENSE
3	Q3 20OR/TN	SUNROOF OPEN SWITCH SENSE
4	D54 20WT	CAN B BUS (-)
5	D55 20WT/OR	CAN B BUS (+)
6	Z964 14BK	GROUND
7	Q5 20OR/LB	SUNROOF CLOSE SWITCH SENSE
8	A310 14RD/LB	FUSED B(+)
9	-	
10	Q6 20OR/LG	SUNROOF SWITCH SUPPLY

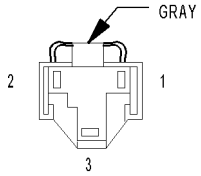


POWER OUTLET

POWER OUTLET - GRAY 3 WAY

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

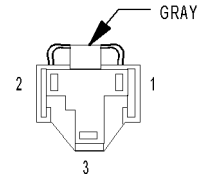
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POWER OUTLET-CONSOLE (EXCEPT BASE)

POWER OUTLET-CONSOLE (EXCEPT BASE) - GRAY 3 WAY

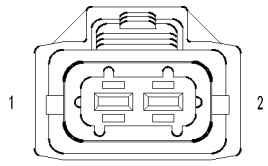
CAV	CIRCUIT	FUNCTION
1	A405 16BR	FUSED B(+)
2	-	-
3	Z939 18BK	GROUND



POWER OUTLET-INSTRUMENT PANEL

POWER OUTLET-INSTRUMENT PANEL - GRAY 3 WAY

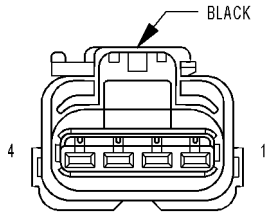
CAV	CIRCUIT	FUNCTION
1	F984 18PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	-	-
3	Z736 18BK/YL	GROUND



PUMP-FUEL INJECTION (DIESEL)

PUMP-FUEL INJECTION (DIESEL) - 2 WAY

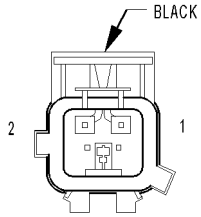
CAV	CIRCUIT	FUNCTION
1	K604 18BR/TN	FUEL PUMP SOLENOID CONTROL
2	K65 18BR/LB	FUEL PUMP SOLENOID RETURN



PUMP-LEAK DETECTION (SRT)

PUMP-LEAK DETECTION (SRT) - BLACK 4 WAY

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

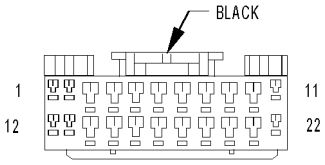


PUMP-WASHER-WINDSHIELD

PUMP-WASHER-WINDSHIELD - BLACK 2 WAY

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

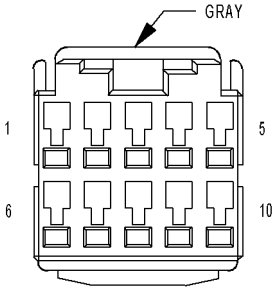
https://truckmanualshub.com/



RADIO C1

RADIO C1 - BLACK 22 WAY

CAV	CIRCUIT	FUNCTION
1	A114 18GY/RD	FUSED B(+)
2	-	-
3	-	-
4	X716 20GY/TN (HANDS FREE)	LEFT AUDIO OUTPUT
5	D55 20WT/OR	CAN B BUS (+)
6	D54 20WT	CAN B BUS (-)
7	X154 18GY/YL (BASE)	RIGHT FRONT DOOR SPEAKER (+)
8	X156 18GY/LB (BASE)	RIGHT FRONT DOOR SPEAKER (-)
9	X155 18DG/LB (BASE)	LEFT FRONT DOOR SPEAKER (-)
10	X153 18DG/YL (BASE)	LEFT FRONT DOOR SPEAKER (+)
11	Z514 18BK/LG	GROUND
12	A114 18GY/RD	FUSED B(+)
13	-	-
14	-	-
15	-	-
16	X776 20TN/GY	RIGHT AUDIO OUTPUT
17	X795 20DG	COMMON AUDIO OUTPUT
18	X205 18GY/LG (BASE)	LEFT REAR SPEAKER (+)
18	X51 20DG/DB (PREMIUM)	LEFT REAR SPEAKER (+)
19	X295 18GY/DG (BASE)	LEFT REAR SPEAKER (-)
19	X57 20DG/OR (PREMIUM)	LEFT REAR SPEAKER (-)
20	X296 18DG/GY (BASE)	RIGHT REAR SPEAKER (-)
20	X58 20GY/OR (PREMIUM)	RIGHT REAR SPEAKER (-)
21	X206 18DG/LG (BASE)	RIGHT REAR SPEAKER (+)
21	X52 20GY/DB (PREMIUM)	RIGHT REAR SPEAKER (+)
22	Z515 18BK	GROUND

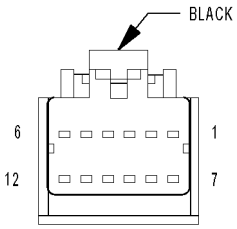


RADIO C2

RADIO C2 - GRAY 10 WAY

CAV	CIRCUIT	FUNCTION
1	X16 20DG/YL	AUDIO SIGNAL RIGHT (+)
2	X917 20DG	AUDIO SIGNAL COMMON
3	-	-
4	X510 18DG/LB	VDO-AUX AUDIO RIGHT
5	X916 20GY/OR	SDARS AUDIO RETURN
6	X17 20DG/OR	AUDIO SIGNAL LEFT (+)
7	X910 18GY/DG	AUX AUDIO RETURN
8	X511 18GY/LG	VDO-AUX AUDIO LEFT
9	X521 18GY/LB	VDO-AUX AUDIO LEFT 2
10	X522 18GY/DB	VDO-AUX AUDIO RIGHT 2

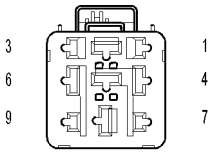
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RECEIVER-SATELLITE (SLT+/SRT)

RECEIVER-SATELLITE (SLT+/SRT) - BLACK 12 WAY

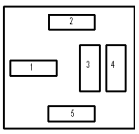
CAV	CIRCUIT	FUNCTION
1	X17 20DG/OR	AUDIO SIGNAL LEFT (+)
2	-	-
3	-	-
4	Z960 18BK	GROUND
5	-	-
6	A114 18GY/RD	FUSED B(+)
7	X16 20DG/YL	AUDIO SIGNAL RIGHT (+)
8	X917 20DG	AUDIO SIGNAL COMMON
9	-	-
10	-	-
11	D55 20WT/OR	CAN B BUS (+)
12	D54 20WT	CAN B BUS (-)



RELAY-STARTER (SRT)

RELAY-STARTER (SRT) - 9 WAY

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

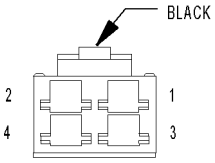


RELAY-STARTER MOTOR (EXCEPT SRT)

RELAY-STARTER MOTOR (EXCEPT SRT) - 5 WAY

CAV	CIRCUIT	FUNCTION
1	T40 14YL/TN	STARTER SOLENOID FEED
2	T753 18DG/YL	IGNITION SWITCH OUTPUT (START)
3	-	-
4	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT
5	T41 18YL/DB (DIESEL A/T)	TRS T41 SENSE
5	T41 18YL/DB (DIESEL M/T)	PARK/NEUTRAL POSITION SWITCH SENSE
5	T752 18DG/OR (GAS)	STARTER MOTOR RELAY CONTROL

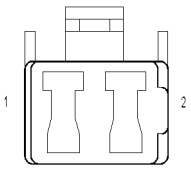
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RESISTOR-BLOWER MOTOR

RESISTOR-BLOWER MOTOR - BLACK 4 WAY

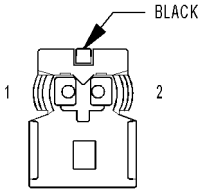
CAV	CIRCUIT	FUNCTION
1	C72 16DB/OR	BLOWER MOTOR M1 DRIVER
2	C70 12DB/YL	BLOWER MOTOR HIGH DRIVER
3	C71 16DB/BR	BLOWER MOTOR LOW DRIVER
4	C73 14DB/VT	BLOWER MOTOR M2 DRIVER



SEAT BELT-TENSION REDUCER-DRIVER (STANDARD CAB)

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

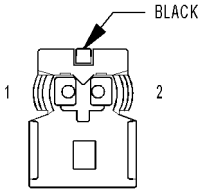
CAV	CIRCUIT	FUNCTION
1	F983 20PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
2	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE



SEAT BELT-TENSIONER-DRIVER

SEAT BELT-TENSIONER-DRIVER - BLACK 2 WAY

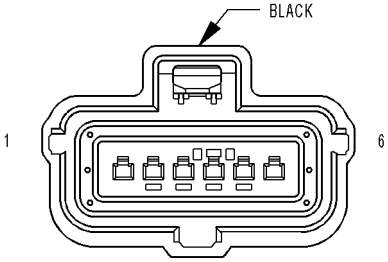
CAV	CIRCUIT	FUNCTION
1	R55 20LG/DG	DRIVER SEAT BELT TENSIONER LINE 1
2	R53 20LG/YL	DRIVER SEAT BELT TENSIONER LINE 2



SEAT BELT-TENSIONER-PASSENGER

SEAT BELT-TENSIONER-PASSENGER - BLACK 2 WAY

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

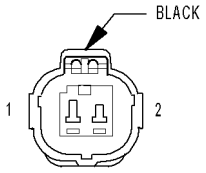


SENSOR-ACCELERATOR PEDAL POSITION (5.7L/DIESEL)

SENSOR-ACCELERATOR PEDAL POSITION (5.7L/DIESEL) - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	F856 20YL/PK	5 VOLT SUPPLY
1	K854 20VT/BR (DIESEL)	5 VOLT SUPPLY
2	K29 20WT/BR	APPS NO. 2 SIGNAL
3	K400 20BR/VT	APPS NO. 2 RETURN
4	K167 20BR/YL	APPS NO. 1 RETURN
5	K23 20BR/WT	APPS NO. 1 SIGNAL
6	F855 20PK/YL	5 VOLT SUPPLY
6	K852 20BR/VT (DIESEL)	5 VOLT SUPPLY

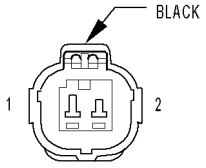
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SENSOR-AMBIENT AIR TEMPERATURE

SENSOR-AMBIENT AIR TEMPERATURE - BLACK 2 WAY

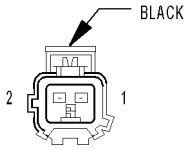
CAV	CIRCUIT	FUNCTION
1	G31 20VT/LG	AAT SIGNAL
2	G930 20VT/TN	AAT RETURN



SENSOR-BATTERY TEMPERATURE (DIESEL)

SENSOR-BATTERY TEMPERATURE (DIESEL) - BLACK 2 WAY

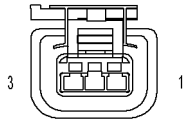
CAV	CIRCUIT	FUNCTION
1	K25 20DB/VT	BATT TEMP SIGNAL
2	K900 20DB/DG	SENSOR GROUND



SENSOR-BRAKE FLUID LEVEL

SENSOR-BRAKE FLUID LEVEL - BLACK 2 WAY

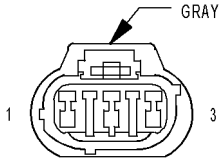
CAV	CIRCUIT	FUNCTION
1	B20 20DG/OR	BRAKE FLUID LEVEL SWITCH SENSE
2	Z420 20BK/OR	GROUND



SENSOR-CAMSHAFT POSITION (DIESEL)

SENSOR-CAMSHAFT POSITION (DIESEL) - 3 WAY

CAV	CIRCUIT	FUNCTION
1	F855 18PK/YL	5 VOLT SUPPLY
2	K944 18BK/GY	CMP SENSOR GROUND
3	K44 18DB/GY	CMP SIGNAL

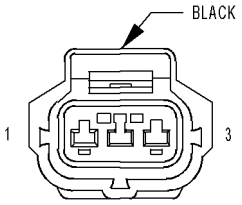


SENSOR-CAMSHAFT POSITION (GAS)

SENSOR-CAMSHAFT POSITION (GAS) - GRAY 3 WAY

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

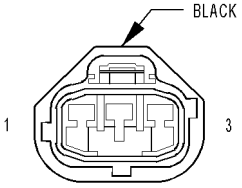
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SENSOR-CRANKSHAFT POSITION (3.7L)

SENSOR-CRANKSHAFT POSITION (3.7L) - BLACK 3 WAY

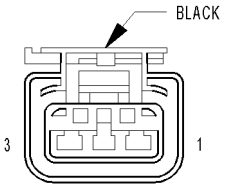
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-CRANKSHAFT POSITION (4.7L)

SENSOR-CRANKSHAFT POSITION (4.7L) - BLACK 3 WAY

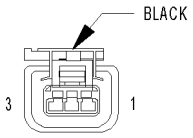
CAV	CIRCUIT	FUNCTION
1	K24 20BR/LB	CKP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-CRANKSHAFT POSITION (5.7L)

SENSOR-CRANKSHAFT POSITION (5.7L) - BLACK 3 WAY

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

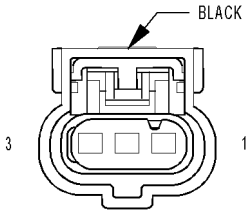


SENSOR-CRANKSHAFT POSITION (DIESEL)

SENSOR-CRANKSHAFT POSITION (DIESEL) - BLACK 3 WAY

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

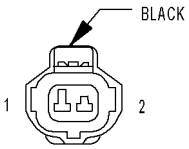
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SENSOR-CRANKSHAFT POSITION (SRT)

SENSOR-CRANKSHAFT POSITION (SRT) - BLACK 3 WAY

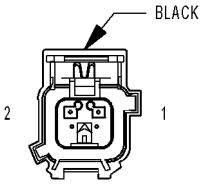
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K900 20DB/DG	SENSOR GROUND
3	K24 18BR/LB	CKP SIGNAL



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

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

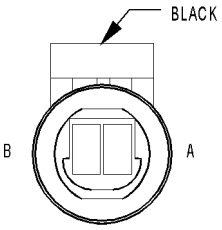
CAV	CIRCUIT	FUNCTION
1	K2 20VT/OR	ECT SIGNAL
2	K900 20DB/DG	SENSOR GROUND



SENSOR-ENGINE COOLANT TEMPERATURE (5.7L/SRT)

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

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

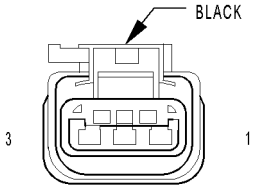


SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL)

SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
A	K200 18BR/YL	SENSOR GROUND
B	K2 18VT/OR	ECT SIGNAL

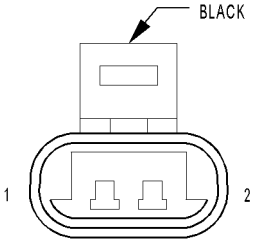
https://truckmanualshub.com/



**SENSOR-
ENGINE OIL
PRESSURE
(SRT/5.7L A/T)**

SENSOR-ENGINE OIL PRESSURE (SRT/5.7L A/T) - BLACK 3 WAY

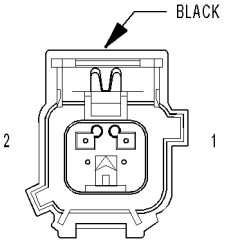
CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	G6 18VT/GY	OIL PRESSURE SIGNAL
3	K900 20DB/DG	SENSOR GROUND



**SENSOR-
ENGINE OIL
TEMPERATURE
(5.7L A/T)**

SENSOR-ENGINE OIL TEMPERATURE (5.7L A/T) - BLACK 2 WAY

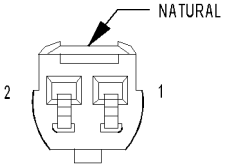
CAV	CIRCUIT	FUNCTION
1	G24 20VT/BR	OIL TEMPERATURE SENSOR SIGNAL
2	K900 20DB/DG	SENSOR GROUND



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

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

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

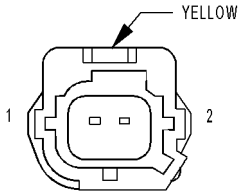


**SENSOR-
EVAPORATOR
TEMPERATURE**

SENSOR-EVAPORATOR TEMPERATURE - NATURAL 2 WAY

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

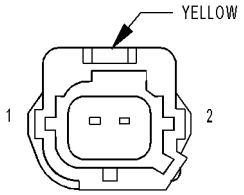
https://truckmanualshub.com/



SENSOR-FRONT IMPACT-LEFT

SENSOR-FRONT IMPACT-LEFT - YELLOW 2 WAY

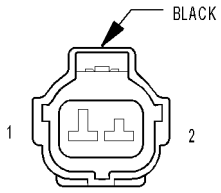
CAV	CIRCUIT	FUNCTION
1	R81 20LB/WT	LEFT FRONT IMPACT SENSOR GROUND
2	R79 20LB/VT	LEFT FRONT IMPACT SENSOR SIGNAL



SENSOR-FRONT IMPACT-RIGHT

SENSOR-FRONT IMPACT-RIGHT - YELLOW 2 WAY

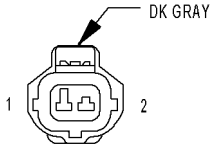
CAV	CIRCUIT	FUNCTION
1	R82 20WT/LB	RIGHT FRONT IMPACT SENSOR GROUND
2	R80 20VT/LB	RIGHT FRONT IMPACT SENSOR SIGNAL



SENSOR-INPUT SPEED (RFE/RLE)

SENSOR-INPUT SPEED (RFE/RLE) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	T52 20DG/OR	INPUT SPEED SENSOR SIGNAL
2	T13 20DG/VT	SPEED SENSOR GROUND

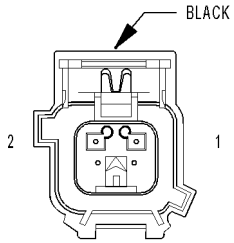


SENSOR-INTAKE AIR TEMPERATURE (NGC)

SENSOR-INTAKE AIR TEMPERATURE (NGC) - DK GRAY 2 WAY

CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG (3.7L A/T)	SENSOR GROUND
1	K21 20DB/LG (EXCEPT 3.7L A/T)	IAT SIGNAL
2	K21 20DB/LG (3.7L A/T)	IAT SIGNAL
2	K900 20DB/DG (EXCEPT 3.7L A/T)	SENSOR GROUND

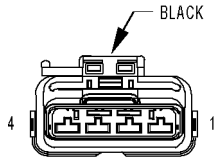
https://truckmanualshub.com/



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

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

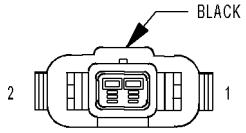
CAV	CIRCUIT	FUNCTION
1	K21 18 DB/LG	IAT SIGNAL
2	K900 20DB/DG	SENSOR GROUND



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

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

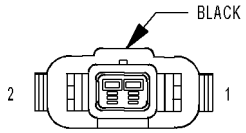
CAV	CIRCUIT	FUNCTION
1	K42 20DB/YL (3.7L)	KNOCK SENSOR NO. 1 SIGNAL
1	K942 20BR/LG (4.7L)	KNOCK SENSOR NO. 1 RETURN
2	K942 20BR/LG (3.7L)	KNOCK SENSOR NO. 1 RETURN
2	K42 20DB/YL (4.7L)	KNOCK SENSOR NO. 1 SIGNAL
3	K242 20BR/WT (3.7L)	KNOCK SENSOR NO. 2 SIGNAL
3	K924 20WT/BR (4.7L)	KNOCK SENSOR NO. 2 RETURN
4	K924 20WT/BR (3.7L)	KNOCK SENSOR NO. 2 RETURN
4	K242 20BR/WT (4.7L)	KNOCK SENSOR NO. 2 SIGNAL



**SENSOR-
KNOCK NO. 1
(5.7L/SRT)**

SENSOR-KNOCK NO. 1 (5.7L/SRT) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K42 20DB/YL (5.7L)	KNOCK SENSOR NO. 1 SIGNAL
1	K42 18DB/YL (SRT)	KNOCK SENSOR NO. 1 SIGNAL
2	K942 20BR/LG (5.7L)	KNOCK SENSOR NO. 1 RETURN
2	K900 18DB/DG (SRT)	SENSOR GROUND

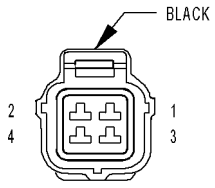


**SENSOR-
KNOCK NO. 2
(5.7L/SRT)**

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

CAV	CIRCUIT	FUNCTION
1	K242 20BR/WT (5.7L)	KNOCK SENSOR NO. 2 SIGNAL
1	K242 18BR/WT (SRT)	KNOCK SENSOR NO. 2 SIGNAL
2	K924 20WT/BR (5.7L)	KNOCK SENSOR NO. 2 RETURN
2	K900 18DB/DG (SRT)	SENSOR GROUND

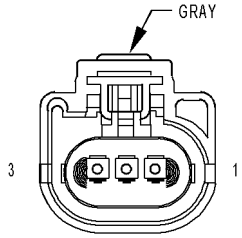
https://truckmanualshub.com/



**SENSOR-
LINE PRESSURE
(RFE)**

SENSOR-LINE PRESSURE (RFE) - BLACK 4 WAY

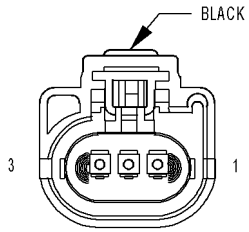
CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG	SENSOR GROUND
2	F856 20YL/PK	5 VOLT SUPPLY
3	T38 20YL/BR	LINE PRESSURE SENSOR SIGNAL
4	-	-



**SENSOR-MAP
(NGC)**

SENSOR-MAP (NGC) - GRAY 3 WAY

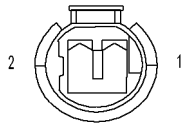
CAV	CIRCUIT	FUNCTION
1	K1 20VT/BR	MAP SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F856 20YL/PK	5 VOLT SUPPLY



**SENSOR-MAP
(SRT)**

SENSOR-MAP (SRT) - BLACK 3 WAY

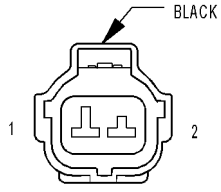
CAV	CIRCUIT	FUNCTION
1	K1 18VT/BR	MAP SENSOR SIGNAL
2	K900 20DB/DG	SENSOR GROUND
3	F855 20PK/YL	5 VOLT SUPPLY



**SENSOR-
OUTPUT SPEED
(RE)**

SENSOR-OUTPUT SPEED (RE) - 2 WAY

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

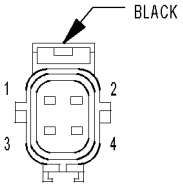


**SENSOR-
OUTPUT SPEED
(RFE/RLE)**

SENSOR-OUTPUT SPEED (RFE/RLE) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	T14 20DG/BR	OUTPUT SPEED SENSOR SIGNAL
2	T13 20DG/VT	SPEED SENSOR GROUND

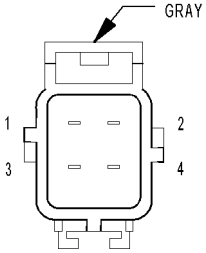
https://truckmanualshub.com/



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

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

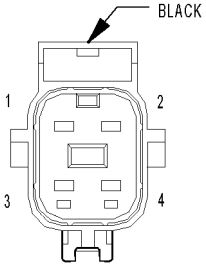
CAV	CIRCUIT	FUNCTION
1	K99 20BR/LG	O2 1/1 HEATER CONTROL
2	Z42 20BK/LG	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K41 20DB/LB	O2 1/1 SIGNAL



SENSOR-OXYGEN-LEFT FRONT (4.7L)

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

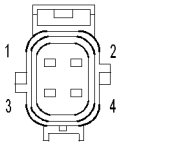
CAV	CIRCUIT	FUNCTION
1	K99 20BR/LG	O2 1/1 HEATER CONTROL
2	Z42 20BK/LG	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K41 20DB/LB	O2 1/1 SIGNAL



SENSOR-OXYGEN-LEFT FRONT (SRT)

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

CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD CONTROL OUTPUT
2	K99 18BR/LG	O2 1/1 HEATER CONTROL
3	K900 20DB/DG	SENSOR GROUND
4	K41 18DB/LB	O2 1/1 SIGNAL

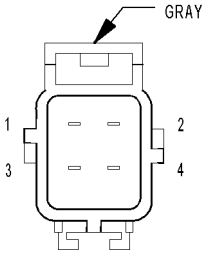


SENSOR-OXYGEN-LEFT REAR (3.7L/5.7L LD)

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

CAV	CIRCUIT	FUNCTION
1	K299 20BR/WT	O2 1/2 HEATER CONTROL
2	Z43 20BK/LB	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K141 20DB/YL	O2 1/2 SIGNAL

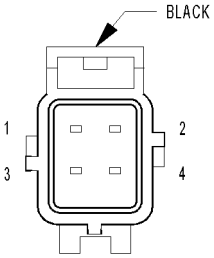
https://truckmanualshub.com/



SENSOR-OXYGEN-LEFT REAR (4.7L/5.7L HD)

SENSOR-OXYGEN-LEFT REAR (4.7L/5.7L HD) - GRAY 4 WAY

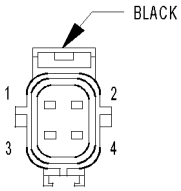
CAV	CIRCUIT	FUNCTION
1	K299 20BR/WT	O2 1/2 HEATER CONTROL
2	Z43 20BK/LB	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K141 20DB/YL	O2 1/2 SIGNAL



SENSOR-OXYGEN-LEFT REAR (SRT)

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

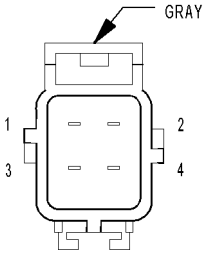
CAV	CIRCUIT	FUNCTION
1	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM CONTROL OUTPUT
2	Z1 18BK	GROUND
3	K900 20DB/DG	SENSOR GROUND
4	K141 18DB/YL	O2 1/2 SIGNAL



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

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

CAV	CIRCUIT	FUNCTION
1	K199 20BR/VT	O2 2/1 HEATER CONTROL
2	Z934 20BK	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K43 20DB/LG	O2 2/1 SIGNAL

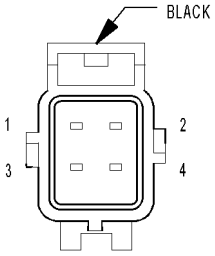


SENSOR-OXYGEN-RIGHT FRONT (4.7L)

SENSOR-OXYGEN-RIGHT FRONT (4.7L) - GRAY 4 WAY

CAV	CIRCUIT	FUNCTION
1	K199 20BR/VT	O2 2/1 HEATER CONTROL
2	Z934 20BK	GROUND
3	K902 20BR/DG	O2 RETURN (UPSTREAM)
4	K43 20DB/LG	O2 2/1 SIGNAL

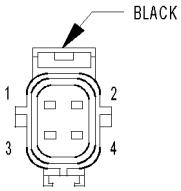
https://truckmanualshub.com/



SENSOR-OXYGEN-RIGHT FRONT (SRT)

SENSOR-OXYGEN-RIGHT FRONT (SRT) - BLACK 4 WAY

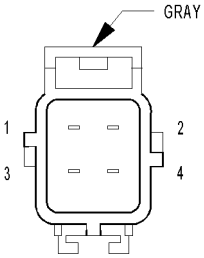
CAV	CIRCUIT	FUNCTION
1	K342 16BR/WT	ASD CONTROL OUTPUT
2	K199 18BR/VT	O2 2/1 HEATER CONTROL
3	K900 20DB/DG	SENSOR GROUND
4	K43 18DB/VT	O2 2/1 SIGNAL



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

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

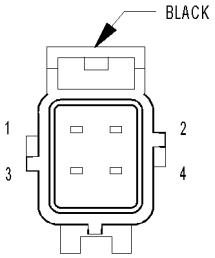
CAV	CIRCUIT	FUNCTION
1	K399 20BR/GY	O2 2/2 HEATER CONTROL
2	Z992 20BK	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K243 20BR	O2 2/2 SIGNAL



SENSOR-OXYGEN-RIGHT REAR (4.7L/5.7L HD)

SENSOR-OXYGEN-RIGHT REAR (4.7L/5.7L HD) - GRAY 4 WAY

CAV	CIRCUIT	FUNCTION
1	K399 20BR/GY	O2 2/2 HEATER CONTROL
2	Z992 20BK	GROUND
3	K904 20DB/DG	O2 RETURN (DOWNSTREAM)
4	K243 20BR	O2 2/2 SIGNAL

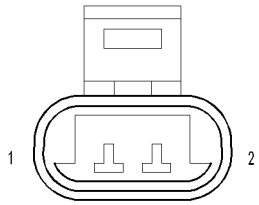


SENSOR-OXYGEN-RIGHT REAR (SRT)

SENSOR-OXYGEN-RIGHT REAR (SRT) - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	K344 18BR/GY	OXYGEN SENSOR DOWNSTREAM CONTROL OUTPUT
2	Z1 18BK	GROUND
3	K900 20DB/DG	SENSOR GROUND
4	K243 18BR	O2 2/2 SIGNAL

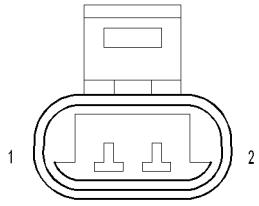
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**SENSOR-
PROP SHAFT
SPEED-
FRONT
(FULL TIME ETC)**

SENSOR-PROP SHAFT SPEED-FRONT (FULL TIME ETC) - 2 WAY

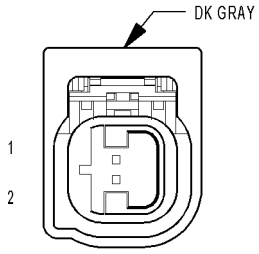
CAV	CIRCUIT	FUNCTION
1	T71 20YL/OR	INPUT SPEED SENSOR 2 (N3) RETURN
2	T340 20DG/VT	INPUT SPEED SENSOR 2 (N3) SIGNAL



**SENSOR-
PROP SHAFT
SPEED-
REAR
(FULL TIME ETC)**

SENSOR-PROP SHAFT SPEED-REAR (FULL TIME ETC) - 2 WAY

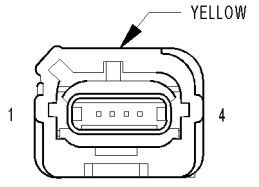
CAV	CIRCUIT	FUNCTION
1	T70 20YL	INPUT SPEED SENSOR 1 (N2) SIGNAL
2	T341 20DG/VT	INPUT SPEED SENSOR 1 (N2) RETURN



**SENSOR-
SEAT
TRACK
POSITION-
DRIVER**

SENSOR-SEAT TRACK POSITION-DRIVER - DK GRAY 2 WAY

CAV	CIRCUIT	FUNCTION
1	R261 20LB/WT	DRIVER SEAT POSITION SENSOR DATA
2	R263 20LB/VT	DRIVER SEAT POSITION SENSOR VOLTAGE

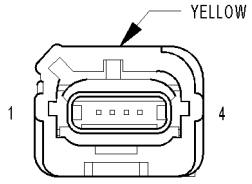


**SENSOR-
SIDE IMPACT-
LEFT 1**

SENSOR-SIDE IMPACT-LEFT 1 - YELLOW 4 WAY

CAV	CIRCUIT	FUNCTION
1	R13 20LG/TN	LEFT SIDE IMPACT SENSOR 1 SIGNAL
2	R15 20LG/BR	LEFT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-

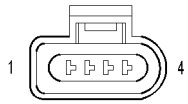
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**SENSOR-
SIDE IMPACT-
RIGHT 1**

SENSOR-SIDE IMPACT-RIGHT 1 - YELLOW 4 WAY

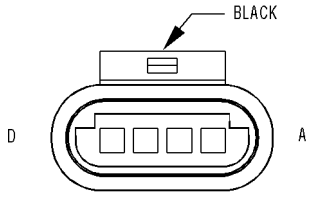
CAV	CIRCUIT	FUNCTION
1	R14 20TN/LG	RIGHT SIDE IMPACT SENSOR 1 SIGNAL
2	R16 20BR/LG	RIGHT SIDE IMPACT SENSOR 1 GROUND
3	-	-
4	-	-



**SENSOR-
TEMPERATURE/
PRESSURE
INTAKE
(DIESEL)**

SENSOR-TEMPERATURE/PRESSURE-INTAKE (DIESEL) - 4 WAY

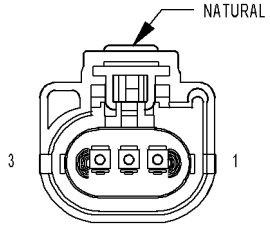
CAV	CIRCUIT	FUNCTION
1	K690 18BR/YL	SENSOR GROUND
2	K615 18VT/WT	INLET AIR TEMPERATURE SENSE
3	K668 18BR	5 VOLT SUPPLY
4	K616 18BR/YL	INLET AIR PRESSURE SENSE



**SENSOR-
TEMPERATURE/
PRESSURE-MAP
(DIESEL)**

SENSOR-TEMPERATURE/PRESSURE-MAP (DIESEL) - BLACK 4 WAY

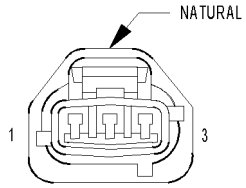
CAV	CIRCUIT	FUNCTION
A	K210 18DB/TN	SENSOR GROUND
B	K21 18DB/LG	INTAKE AIR TEMPERATURE SENSOR SIGNAL
C	F855 18PK/YL	5 VOLT SUPPLY
D	K37 18LB	BOOST PRESSURE SENSOR SIGNAL



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

SENSOR-THROTTLE POSITION (3.7L) - NATURAL 3 WAY

CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K900 20DB/DG	SENSOR GROUND
3	K22 20BR/OR	TP NO. 1 SIGNAL

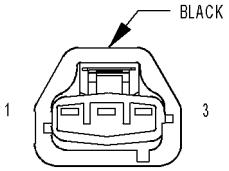


**SENSOR-
THROTTLE POSITION
(4.7L)**

SENSOR-THROTTLE POSITION (4.7L) - NATURAL 3 WAY

CAV	CIRCUIT	FUNCTION
1	F855 20PK/YL	5 VOLT SUPPLY
2	K22 20BR/OR	TP NO. 1 SIGNAL
3	K900 20DB/DG	SENSOR GROUND

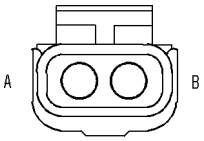
https://truckmanualshub.com/



SENSOR-THROTTLE POSITION (SRT)

SENSOR-THROTTLE POSITION (SRT) - BLACK 3 WAY

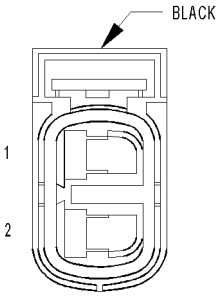
CAV	CIRCUIT	FUNCTION
1	K900 20DB/DG	SENSOR GROUND
2	K22 18BR/OR	THROTTLE POSITION SENSOR SIGNAL
3	F855 20PK/YL	5 VOLT SUPPLY



SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON)

SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON) - 2 WAY

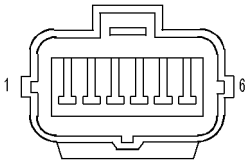
CAV	CIRCUIT	FUNCTION
A	D201 18WT/DG (DIESEL)	MODE SENSOR A
A	D201 20WT/DG (EXCEPT DIESEL)	MODE SENSOR A
B	Z955 18BK (DIESEL)	GROUND
B	Z901 20BK (EXCEPT DIESEL)	GROUND



SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON)

SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	D201 20WT/DG	MODE SENSOR A
2	G180 20VT/YL	SENSOR RETURN

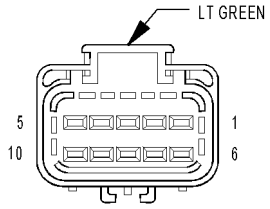


SENSOR-TRANSMISSION RANGE (SRT RE)

SENSOR-TRANSMISSION RANGE (SRT RE) - 6 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	T117 20DG/YL	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
3	-	-
4	-	-
5	T917 20YL/TN	TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
6	T41 20YL/DB (DIESEL)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
6	T41 18YL/DB (SRT)	PARK/NEUTRAL POSITION SWITCH SENSE (T41)

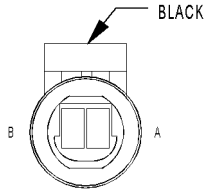
https://truckmanualshub.com/



SENSOR-TRANSMISSION RANGE (RLE)

SENSOR-TRANSMISSION RANGE (RLE) - LT GREEN 10 WAY

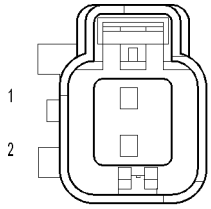
CAV	CIRCUIT	FUNCTION
1	T16 16YL/OR	TRANSMISSION CONTROL OUTPUT
2	-	-
3	K900 20DB/DG	SENSOR GROUND
4	T54 20DG/OR	TRANSMISSION TEMPERATURE SENSOR SIGNAL
5	-	-
6	-	-
7	T1 20DG/LB	OUTPUT SPEED SENSOR SIGNAL
8	T3 20DG/DB	5 VOLT MODE SENSOR SUPPLY
9	T42 20DG/YL	TRS T42 SENSE
10	T41 20YL/DB	PARK/NEUTRAL POSITION SWITCH SENSE (T41)



SENSOR-WATER IN FUEL (DIESEL)

SENSOR-WATER IN FUEL (DIESEL) - BLACK 2 WAY

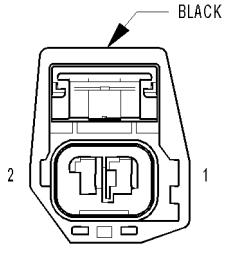
CAV	CIRCUIT	FUNCTION
A	K923 18BR/WT	WATER IN FUEL SENSOR GROUND
B	G123 18VT/LG	WATER IN FUEL SENSOR SIGNAL



SENSOR-WHEEL SPEED-ABS-LEFT FRONT

SENSOR-WHEEL SPEED-ABS-LEFT FRONT - 2 WAY

CAV	CIRCUIT	FUNCTION
1	B9 20DG/LG (AWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
1	B9 18DG/LG (RWAL)	LEFT FRONT WHEEL SPEED SENSOR (+)
2	B8 20DG/TN (AWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B8 18DG/TN (RWAL)	LEFT FRONT WHEEL SPEED SENSOR (-)

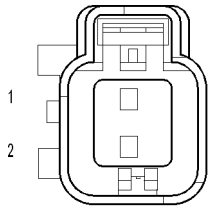


SENSOR-WHEEL SPEED-ABS-REAR

SENSOR-WHEEL SPEED-ABS-REAR - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	B22 18DG/YL	REAR WHEEL SPEED SENSOR (-)
2	B222 18DG/WT	REAR WHEEL SPEED SENSOR (+)

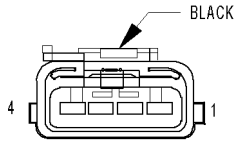
https://truckmanualshub.com/



SENSOR-WHEEL SPEED-ABS-RIGHT FRONT

SENSOR-WHEEL SPEED-ABS-RIGHT FRONT - 2 WAY

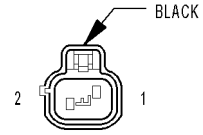
CAV	CIRCUIT	FUNCTION
1	B7 20DG/VT	RIGHT FRONT WHEEL SPEED SENSOR (+)
2	B6 20DG/WT	RIGHT FRONT WHEEL SPEED SENSOR (-)



SERVO-SPEED CONTROL (GAS EXCEPT 5.7L)

SERVO-SPEED CONTROL (GAS EXCEPT 5.7L) - BLACK 4 WAY

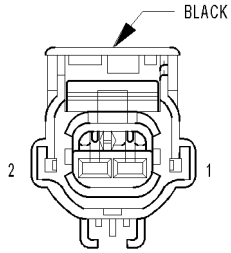
CAV	CIRCUIT	FUNCTION
1	V36 20VT/YL (EXCEPT SRT)	S/C VACUUM SOL CONTROL
1	V36 18VT/YL (SRT)	S/C VACUUM SOL CONTROL
2	V35 20VT/OR (EXCEPT SRT)	S/C VENT SOL CONTROL
2	V35 18VT/OR (SRT)	S/C VENT SOL CONTROL
3	V30 20VT/WT	S/C BRAKE SWITCH OUTPUT
4	Z913 20BK	GROUND



SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK

SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK - BLACK 2 WAY

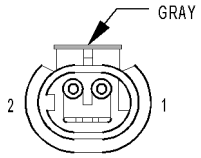
CAV	CIRCUIT	FUNCTION
1	K32 18DB/YL	BTSI SOLENOID CONTROL
2	Z101 18BK/VT	GROUND



SOLENOID-EVAP/PURGE (NGC)

SOLENOID-EVAP/PURGE (NGC) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K52 20DB/WT	EVAP PURGE CONTROL
2	K70 20DB/BR	EVAP PURGE SOL SIGNAL

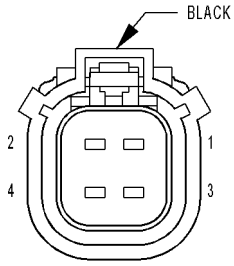


SOLENOID-EVAP/PURGE (SRT)

SOLENOID-EVAP/PURGE (SRT) - GRAY 2 WAY

CAV	CIRCUIT	FUNCTION
1	F202 20PK/GY	FUSED IGNITION SWITCH OUTPUT (RUN-START)
2	K70 18DB/BR	EVAP PURGE RETURN

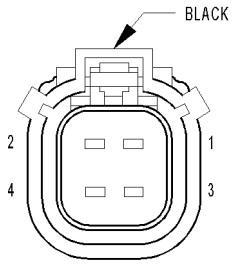
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**SOLENOID-
LOCKER-
FRONT
(POWER WAGON)**

SOLENOID-LOCKER-FRONT (POWER WAGON) - BLACK 4 WAY

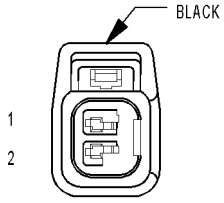
CAV	CIRCUIT	FUNCTION
1	T520 16YL/OR	FRONT LOCKER SOURCE
2	T521 18YL/GY	LOCKER SENSOR SUPPLY
3	T522 18YL/LB	FRONT LOCKER SENSOR SENSE
4	T524 16YL/LG	FRONT LOCKER RETURN



**SOLENOID-
LOCKER-
REAR
(POWER WAGON)**

SOLENOID-LOCKER-REAR (POWER WAGON) - BLACK 4 WAY

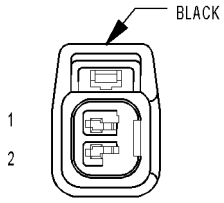
CAV	CIRCUIT	FUNCTION
1	T526 16YL/WT	REAR LOCKER SOURCE
2	T521 18YL/BK	LOCKER SENSOR SUPPLY
3	T527 18YL/TN	REAR LOCKER SENSOR SENSE
4	T528 16YL/GY	REAR LOCKER RETURN



**SOLENOID-
MULTIPLE
DISPLACEMENT NO. 1
(5.7L)**

SOLENOID-MULTIPLE DISPLACEMENT NO. 1 (5.7L) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K451 18BR/WT	MDS SOL CONTROL NO. 1
2	Z903 18BK	GROUND

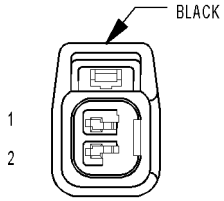


**SOLENOID-
MULTIPLE
DISPLACEMENT NO. 4
(5.7L)**

SOLENOID-MULTIPLE DISPLACEMENT NO. 4 (5.7L) - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	K452 18BR/LB	MDS SOL CONTROL NO. 4
2	Z903 18BK	GROUND

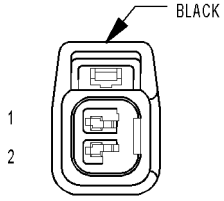
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SOLENOID-MULTIPLE DISPLACEMENT NO. 6 (5.7L)

SOLENOID-MULTIPLE DISPLACEMENT NO. 6 (5.7L) - BLACK 2 WAY

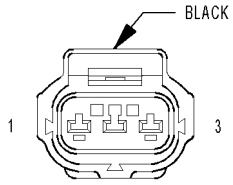
CAV	CIRCUIT	FUNCTION
1	K453 18BR/DG	MDS SOL CONTROL NO. 6
2	Z903 18BK	GROUND



SOLENOID-MULTIPLE DISPLACEMENT NO. 7 (5.7L)

SOLENOID-MULTIPLE DISPLACEMENT NO. 7 (5.7L) - BLACK 2 WAY

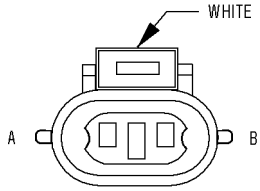
CAV	CIRCUIT	FUNCTION
1	K454 18BR/OR	MDS SOL CONTROL NO. 7
2	Z903 18BK	GROUND



SOLENOID-RADIATOR FAN (SRT)

SOLENOID-RADIATOR FAN (SRT) - BLACK 3 WAY

CAV	CIRCUIT	FUNCTION
1	C240 18LB/TN	HYDRAULIC COOLING CONTROL FEED
2	K342 16BR/WT	ASD CONTROL OUTPUT
3	Z1 18BK	GROUND

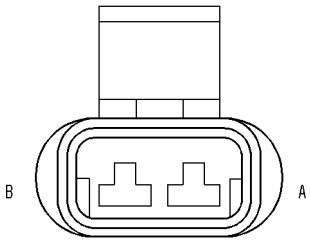


SOLENOID-REVERSE LOCK-OUT (SRT M/T)

SOLENOID-REVERSE LOCK-OUT (SRT M/T) - WHITE 2 WAY

CAV	CIRCUIT	FUNCTION
A	A917 18RD	FUSED B(+)
B	K333 18DB/LB	SOLENOID REVERSE LOCKOUT FEED

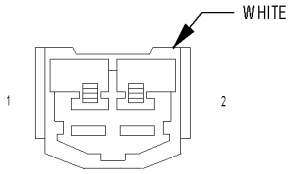
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SOLENOID-WASTEGATE (DIESEL)

SOLENOID-WASTEGATE (DIESEL) - 2 WAY

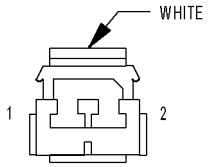
CAV	CIRCUIT	FUNCTION
A	K139 18DB	WASTEGATE SOLENOID CONTROL
B	A212 18PK/YL	FUSED B(+)



SPEAKER-INSTRUMENT PANEL-CENTER (SRT)

SPEAKER-INSTRUMENT PANEL-CENTER (SRT) - WHITE 2 WAY

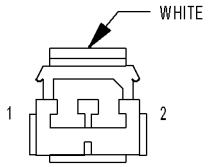
CAV	CIRCUIT	FUNCTION
1	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
2	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)



SPEAKER-INSTRUMENT PANEL-CENTER (SLT/SLT+)

SPEAKER-INSTRUMENT PANEL-CENTER (SLT/SLT+) - WHITE 2 WAY

CAV	CIRCUIT	FUNCTION
1	X290 18GY/OR	CENTER INSTRUMENT PANEL SPEAKER (-)
2	X200 18GY/BR	CENTER INSTRUMENT PANEL SPEAKER (+)

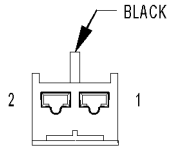


SPEAKER-INSTRUMENT PANEL-LEFT (SLT/SLT+)

SPEAKER-INSTRUMENT PANEL-LEFT (SLT/SLT+) - WHITE 2 WAY

CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)

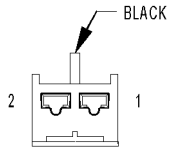
https://truckmanualshub.com/



SPEAKER-INSTRUMENT PANEL-LEFT (SRT)

SPEAKER-INSTRUMENT PANEL-LEFT (SRT) - BLACK 2 WAY

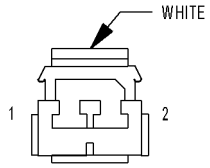
CAV	CIRCUIT	FUNCTION
1	X209 18GY/OR	LEFT INSTRUMENT PANEL SPEAKER (+)
2	X299 18GY/YL	LEFT INSTRUMENT PANEL SPEAKER (-)



SPEAKER-INSTRUMENT PANEL-RIGHT (SRT)

SPEAKER-INSTRUMENT PANEL-RIGHT (SRT) - BLACK 2 WAY

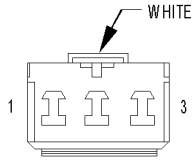
CAV	CIRCUIT	FUNCTION
1	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
2	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)



SPEAKER-INSTRUMENT PANEL-RIGHT (SLT/SLT+)

SPEAKER-INSTRUMENT PANEL-RIGHT (SLT/SLT+) - WHITE 2 WAY

CAV	CIRCUIT	FUNCTION
1	X208 18GY/DG	RIGHT INSTRUMENT PANEL SPEAKER (+)
2	X298 18GY/LG	RIGHT INSTRUMENT PANEL SPEAKER (-)

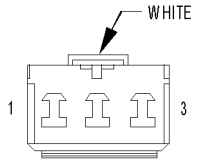


SPEAKER-LEFT FRONT DOOR

SPEAKER-LEFT FRONT DOOR - WHITE 3 WAY

CAV	CIRCUIT	FUNCTION
1	X155 18DG/LB	LEFT FRONT DOOR SPEAKER (-)
2	-	-
3	X153 18DG/YL	LEFT FRONT DOOR SPEAKER (+)

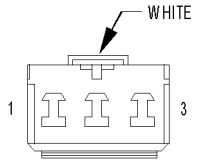
https://truckmanualshub.com/



**SPEAKER-
LEFT REAR**

SPEAKER-LEFT REAR - WHITE 3 WAY

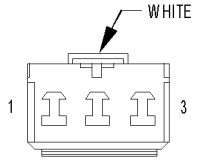
CAV	CIRCUIT	FUNCTION
1	X205 18GY/LG	LEFT REAR SPEAKER (+)
2	-	-
3	X295 18GY/DG	LEFT REAR SPEAKER (-)



**SPEAKER-
RIGHT
FRONT DOOR**

SPEAKER-RIGHT FRONT DOOR - WHITE 3 WAY

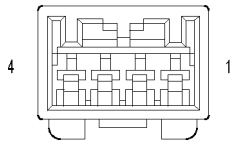
CAV	CIRCUIT	FUNCTION
1	X156 18GY/LB	RIGHT FRONT DOOR SPEAKER (-)
2	-	-
3	X154 18GY/YL	RIGHT FRONT DOOR SPEAKER (+)



**SPEAKER-
RIGHT REAR**

SPEAKER-RIGHT REAR - WHITE 3 WAY

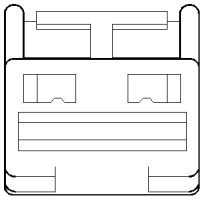
CAV	CIRCUIT	FUNCTION
1	X206 18DG/LG	RIGHT REAR SPEAKER (+)
2	-	-
3	X296 18DG/GY	RIGHT REAR SPEAKER (-)



**SPEAKER-
SUBWOOFER
(SRT)**

SPEAKER-SUBWOOFER (SRT) - 4 WAY

CAV	CIRCUIT	FUNCTION
1	X390 16DG/BR	AMPLIFIED SUBWOOFER 1 (-)
2	X300 16GY/BR	AMPLIFIED SUBWOOFER 1 (+)
3	X391 16DG/WT	AMPLIFIED SUBWOOFER 2 (-)
4	X301 16GY/WT	AMPLIFIED SUBWOOFER 2 (+)

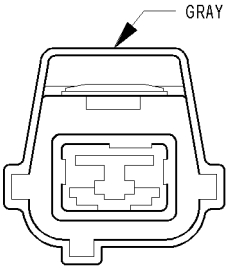


**STARTER
(NGC)**

STARTER (NGC) - 1 WAY

CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT

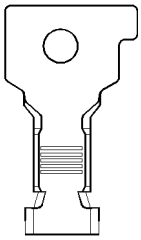
https://truckmanualshub.com/



STARTER (DIESEL)

STARTER (DIESEL) - GRAY 1 WAY

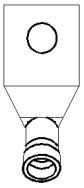
CAV	CIRCUIT	FUNCTION
1	T750 14YL/GY	STARTER MOTOR CONTROL OUTPUT



STARTER- EYELET (SRT)

STARTER-EYELET (SRT) - 1 WAY

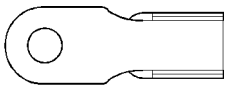
CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)



STARTER- EYELET (5.7L)

STARTER-EYELET (5.7L) - 1 WAY

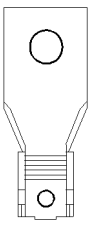
CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)



STARTER- EYELET (DIESEL)

STARTER-EYELET (DIESEL) - 1 WAY

CAV	CIRCUIT	FUNCTION
1	A8 2RD	B(+)

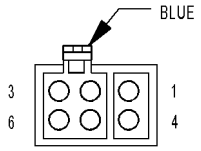


STARTER- EYELET (3.7L/4.7L)

STARTER-EYELET (3.7L/4.7L)

CAV	CIRCUIT	FUNCTION
1	A8 6RD	B(+)

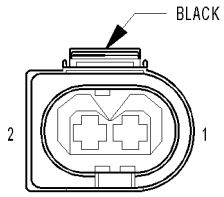
https://truckmanualshub.com/



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

SWITCH-ADJUSTABLE PEDALS (EXCEPT BASE) - BLUE 6 WAY

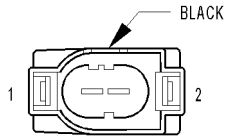
CAV	CIRCUIT	FUNCTION
1	P206 18LG/LB	ADJUSTABLE PEDALS MOTOR REARWARD
2	A72 18RD/OR	ADJUSTABLE PEDALS OUTPUT
3	-	-
4	Z146 18BK	GROUND
5	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
6	P205 18LG/WT	ADJUSTABLE PEDALS MOTOR FORWARD



**SWITCH-
BACKUP
LAMP
(3.7L M/T/4.7L M/T)**

SWITCH-BACKUP LAMP (3.7L M/T/4.7L M/T) - BLACK 2 WAY

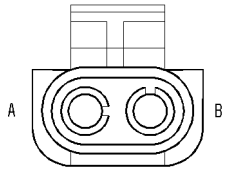
CAV	CIRCUIT	FUNCTION
1	Z965 20BK	GROUND
2	L10 20WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACKUP
LAMP
(M/T 5.7L
HD/DIESEL M/T)**

SWITCH-BACKUP LAMP (M/T 5.7L HD/DIESEL M/T) - BLACK 2 WAY

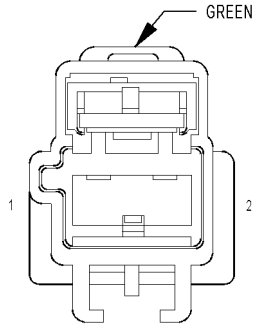
CAV	CIRCUIT	FUNCTION
1	Z965 20BK	GROUND
2	L10 20WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)



**SWITCH-
BACKUP
LAMP
(SRT M/T)**

SWITCH-BACKUP LAMP (SRT M/T) - 2 WAY

CAV	CIRCUIT	FUNCTION
A	L10 18WT/GY	FUSED IGNITION SWITCH OUTPUT (RUN)
B	Z965 18BK	GROUND

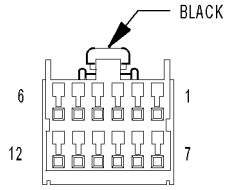


**SWITCH-
CLUTCH
INTERLOCK
(M/T)**

SWITCH-CLUTCH INTERLOCK (M/T) - GREEN 2 WAY

CAV	CIRCUIT	FUNCTION
1	T41 20YL/DB	PARK/NEUTRAL POSITION SWITCH SENSE (T41)
2	Z911 20BK	GROUND

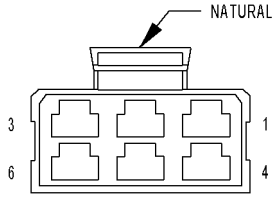
https://truckmanualshub.com/



SWITCH-DISCONNECTING STABILIZER BAR

SWITCH-DISCONNECTING STABILIZER BAR - BLACK 12 WAY

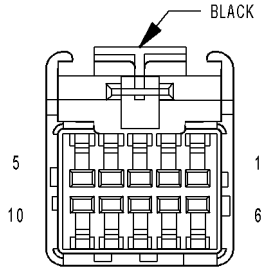
CAV	CIRCUIT	FUNCTION
1	T537 20YL/LG	LOCKER SWITCH SUPPLY
2	T535 20YL/BR	LOCKER SWITCH SENSE
3	T531 20YL/TN	STABILIZER BAR SWITCH SENSE
4	T536 20YL/WT	SWITCH SUPPLY
5	T532 20YL/GY	LOCKER OPEN ILLUMINATION SENSE
6	T533 20YL/LB	LOCKER REAR ILLUMINATION SENSE
7	T534 20YL	LOCKER FR/RR ILLUMINATION SENSE
8	T530 20YL/DG	STABILIZER BAR DISENGAGE ILLUMINATION SENSE
9	T529 20YL/DG	STABILIZER BAR ENGAGE ILLUMINATION SENSE
10	-	-
11	E11 20OR/DB	PANEL LAMPS DRIVER
12	Z952 20BK	GROUND



SWITCH-DOOR LOCK-PASSENGER

SWITCH-DOOR LOCK-PASSENGER - NATURAL 6 WAY

CAV	CIRCUIT	FUNCTION
1	G160 20VT/LG	PASSENGER DOOR LOCK SWITCH MUX
2	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	-	-
4	-	-
5	Z917 20BK	GROUND
6	-	-

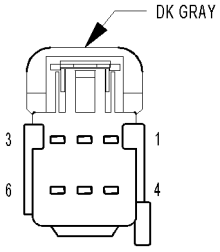


SWITCH-HEADLAMP

SWITCH-HEADLAMP - BLACK 10 WAY

CAV	CIRCUIT	FUNCTION
1	L116 20WT/LG	HEADLAMP/FOG LAMP SWITCH SIGNAL
2	E2 20OR/BR	PANEL LAMPS DIMMER SIGNAL
3	L115 20WT/YL	HEADLAMP SWITCH RETURN
4	E19 20OR/BR	HEADLAMP SWITCH DIMMER SIGNAL
5	Z407 20BK/OR	GROUND
6	L914 20WT/LG	CARGO LAMP SWITCH SIGNAL
7	-	-
8	-	-
9	-	-
10	-	-

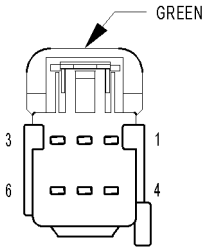
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SWITCH-HEATED SEAT-DRIVER

SWITCH-HEATED SEAT-DRIVER - DK GRAY 6 WAY

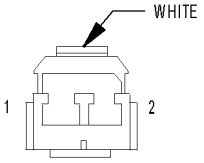
CAV	CIRCUIT	FUNCTION
1	Z301 20TN/BK	GROUND
2	P301 20LG/OR	PANEL LAMPS DRIVER
3	P693 18LG/WT	DRIVER SEAT HEATER SUPPLY
4	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
5	-	-
6	A930 16RD	FUSED B(+)



SWITCH-HEATED SEAT-PASSENGER

SWITCH-HEATED SEAT-PASSENGER - GREEN 6 WAY

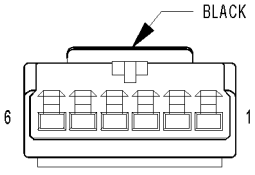
CAV	CIRCUIT	FUNCTION
1	Z302 20LG/BK	GROUND
2	P301 20LG/OR	PANEL LAMPS DRIVER
3	P95 18LG/WT	PASSENGER SEAT HEATER SUPPLY
4	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
5	-	-
6	A930 16RD	FUSED B(+)



SWITCH-HORN

SWITCH-HORN - WHITE 2 WAY

CAV	CIRCUIT	FUNCTION
1	X3 20DG/VT	HORN SWITCH SENSE
2	-	-

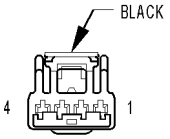


SWITCH-IGNITION

SWITCH-IGNITION - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	G900 20VT/OR	IGNITION SWITCH SENSE RETURN
2	G20 20VT/BR	IGNITION SWITCH SENSE SIGNAL
3	F20 20PK/WT	IGNITION SWITCH OUTPUT (RUN-START)
4	T753 20DG/YL (EXCEPT SRT)	IGNITION SWITCH OUTPUT (START)
5	-	-
6	A106 20LB/RD	FUSED B(+)

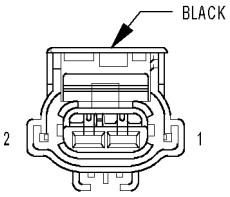
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SWITCH-MULTIFUCTION

SWITCH-MULTIFUNCTION - BLACK 4 WAY

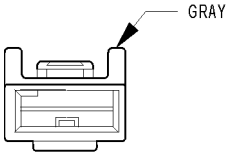
CAV	CIRCUIT	FUNCTION
1	G194 20VT/LG	WASH/BEAM SELECT SWITCH SIGNAL
2	L900 20WT/YL	WIPER/TURN/BEAM SELECT SWITCH RETURN
3	L12 20WT/OR	TURN LAMPS SWITCH SIGNAL
4	W52 20BR/YL	INTERMITTENT WIPER SWITCH SIGNAL



SWITCH-OIL PRESSURE (EXCEPT SRT)

SWITCH-OIL PRESSURE (EXCEPT SRT) - BLACK 2 WAY

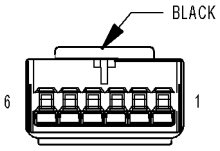
CAV	CIRCUIT	FUNCTION
1	G6 18VT/GY	OIL PRESSURE SIGNAL
2	-	-



SWITCH-PARKING BRAKE

SWITCH-PARKING BRAKE - GRAY 1 WAY

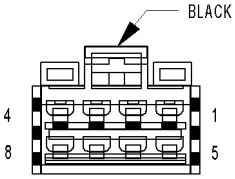
CAV	CIRCUIT	FUNCTION
1	B25 20DG/WT	PARK BRAKE SWITCH SENSE



SWITCH-PASSENGER AIRBAG ON/OFF

SWITCH-PASSENGER AIRBAG ON/OFF - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	R106 20LG/LB	PASSENGER AIRBAG MUX SWITCH SENSE
2	R104 20LB/LG	PASSENGER AIRBAG MUX SWITCH RETURN
3	G104 20VT/GY	PASSENGER AIRBAG INDICATOR DRIVER
4	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
5	-	-
6	-	-

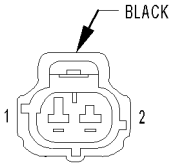


SWITCH-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE)

SWITCH-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE) - BLACK 8 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	Z794 12BK	GROUND
3	Z975 12BK	GROUND
4	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
5	Q950 12OR/LG	POWER BACKLITE OPEN (+)
6	P301 20LG/OR	PANEL LAMPS DRIVER
7	Z976 20BK	GROUND
8	Q951 12OR/VT	POWER BACKLITE OPEN (-)

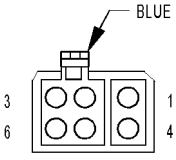
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SWITCH-POWER STEERING PRESSURE (5.7L)

SWITCH-POWER STEERING PRESSURE (5.7L) - BLACK 2 WAY

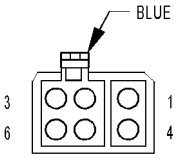
CAV	CIRCUIT	FUNCTION
1	Z988 20BK	GROUND
2	K66 20DB/WT	P/S SWITCH SIGNAL



SWITCH-POWER WINDOW-LEFT REAR

SWITCH-POWER WINDOW-LEFT REAR - BLUE 6 WAY

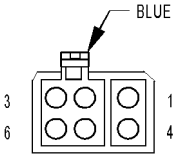
CAV	CIRCUIT	FUNCTION
1	Q111 14TN/YL (EXCEPT MEGA CAB)	DRIVER REAR WINDOW DRIVER (UP)
1	Q211 14TN/LB (MEGA CAB)	DRIVER REAR WINDOW DRIVER (DOWN)
2	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q211 14TN/LB (EXCEPT MEGA CAB)	DRIVER REAR WINDOW DRIVER (DOWN)
5	Q111 14TN/YL (MEGA CAB)	DRIVER REAR WINDOW DRIVER (UP)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED



SWITCH-POWER WINDOW-PASSENGER

SWITCH-POWER WINDOW-PASSENGER - BLUE 6 WAY

CAV	CIRCUIT	FUNCTION
1	Q12 12OR/BR	RIGHT FRONT WINDOW DRIVER (UP)
2	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
3	-	-
4	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
5	Q22 12OR/VT	RIGHT FRONT WINDOW DRIVER (DOWN)
6	Q15 12OR/LB	POWER WINDOW SWITCH FEED



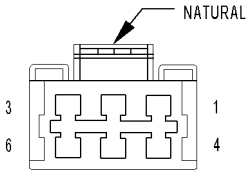
SWITCH-POWER WINDOW-RIGHT REAR

SWITCH-POWER WINDOW-RIGHT REAR - BLUE 6 WAY

CAV	CIRCUIT	FUNCTION
1	Q112 14TN/YL	PASSENGER REAR WINDOW DRIVER (UP)
2	Q612 14OR/GY	RIGHT REAR WINDOW DRIVER (DOWN)
3	-	-
4	Q412 14OR/WT	RIGHT REAR WINDOW DRIVER (UP)
5	Q212 14TN/LB	PASSENGER REAR WINDOW DRIVER (DOWN)
6	Q15 14OR/LB	POWER WINDOW SWITCH FEED

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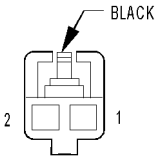
CONNECTOR NOT AVAILABLE



SWITCH-PUSH-BUTTON STARTER (SRT)

SWITCH-PUSH-BUTTON STARTER (SRT) - NATURAL 6 WAY

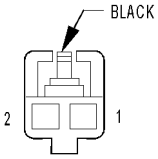
CAV	CIRCUIT	FUNCTION
1	-	-
2	A106 20LB/RD	FUSED B(+)
3	T753 20DG/YL	MANUAL CLUTCH INTERLOCK START FEED
4	-	-
5	-	-
6	-	-



SWITCH-REMOTE RADIO-LEFT

SWITCH-REMOTE RADIO-LEFT - BLACK 2 WAY

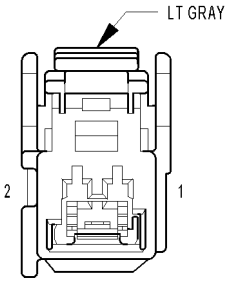
CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	G902 22WT/BR	GROUND



SWITCH-REMOTE RADIO-RIGHT

SWITCH-REMOTE RADIO-RIGHT - BLACK 2 WAY

CAV	CIRCUIT	FUNCTION
1	X20 22GY/WT	RADIO CONTROL MUX
2	G902 22WT/BR	GROUND

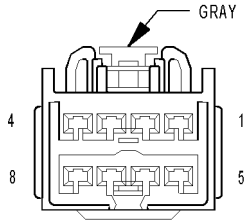


SWITCH-SEAT BELT-DRIVER

SWITCH-SEAT BELT-DRIVER - LT GRAY 2 WAY

CAV	CIRCUIT	FUNCTION
1	Z917 20BK	GROUND
2	R57 20LG/GY	DRIVER SEAT BELT SWITCH SENSE

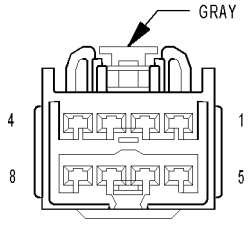
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SWITCH-SEAT-DRIVER

SWITCH-SEAT-DRIVER - GRAY 8 WAY

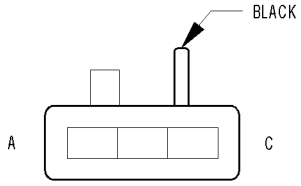
CAV	CIRCUIT	FUNCTION
1	P19 12LG/LB	DRIVER SEAT FRONT UP DRIVER
2	Z939 14BK	GROUND
3	P15 12LG/WT	DRIVER SEAT HORIZONTAL FORWARD DRIVER
4	A210 12OR/RD	FUSED B(+)
5	P11 12LG/YL	DRIVER SEAT REAR UP DRIVER
6	P17 12LG/DG	DRIVER SEAT HORIZONTAL REARWARD DRIVER
7	P13 12LG/OR	DRIVER SEAT REAR DOWN DRIVER
8	P21 12LG/TN	DRIVER SEAT FRONT DOWN DRIVER



SWITCH-SEAT-PASSENGER

SWITCH-SEAT-PASSENGER - GRAY 8 WAY

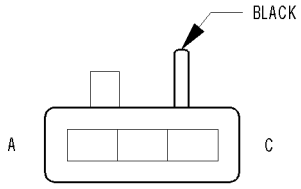
CAV	CIRCUIT	FUNCTION
1	P20 12LG/LB	PASSENGER SEAT FRONT UP DRIVER
2	Z939 14BK	GROUND
3	P14 12LG/OR	PASSENGER SEAT HORIZONTAL FORWARD DRIVER
4	A210 12OR/RD	FUSED B(+)
5	P12 12LG/YL	PASSENGER SEAT REAR UP DRIVER
6	P16 12LG/BR	PASSENGER SEAT HORIZONTAL REARWARD DRIVER
7	P10 12LG/TN	PASSENGER SEAT REAR DOWN DRIVER
8	P18 12LG/OR	PASSENGER SEAT FRONT DOWN DRIVER



SWITCH-SPEED CONTROL-LEFT

SWITCH-SPEED CONTROL-LEFT - BLACK 3 WAY

CAV	CIRCUIT	FUNCTION
A	V38 22VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
B	V937 22DB/DG (5.7L)	S/C SWITCH RETURN
B	K900 22DB/DG (EXCEPT 5.7L)	SENSOR GROUND
C	V37 22VT	S/C SWITCH NO. 1 SIGNAL

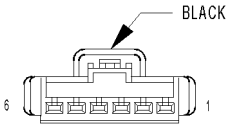


SWITCH-SPEED CONTROL-RIGHT

SWITCH-SPEED CONTROL-RIGHT - BLACK 3 WAY

CAV	CIRCUIT	FUNCTION
A	V38 22VT/OR (5.7L)	S/C SWITCH NO. 2 SIGNAL
B	V937 22DB/DG (5.7L)	S/C SWITCH RETURN
B	K900 22DB/DG (EXCEPT 5.7L)	SENSOR GROUND
C	V37 22VT	S/C SWITCH NO. 1 SIGNAL

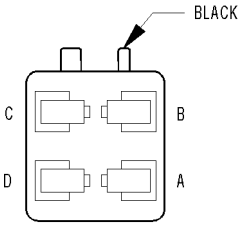
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SWITCH-STOP LAMP

SWITCH-STOP LAMP - BLACK 6 WAY

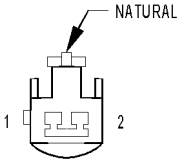
CAV	CIRCUIT	FUNCTION
1	A103 18GY/RD	FUSED B(+)
2	L50 18WT/TN	BRAKE LAMP SWITCH OUTPUT
3	V30 20VT/WT (5.7L)	FUSED IGNITION SWITCH OUTPUT (RUN-START)
3	V30 20VT/WT (DIESEL)	GROUND
3	V30 20VT/WT (GAS EXCEPT 5.7L)	S/C BRAKE SWITCH OUTPUT
4	V32 20VT/YL (5.7L/DIESEL)	BRAKE SWITCH NO. 2 SIGNAL
4	V32 20VT/YL (GAS EXCEPT 5.7L)	SPEED CONTROL SUPPLY
5	Z429 20BK/OR	GROUND
6	B29 20DG/WT	BRAKE SWITCH NO. 1 SIGNAL



SWITCH-SUNROOF

SWITCH-SUNROOF - BLACK 4 WAY

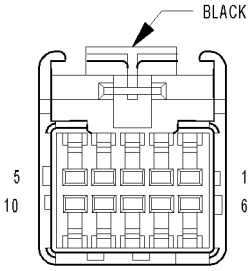
CAV	CIRCUIT	FUNCTION
A	Q4 20OR/YL	SUNROOF VENT SWITCH SENSE
B	Q6 20OR/LG	SUNROOF SWITCH SUPPLY
C	Q3 20OR/TN	SUNROOF OPEN SWITCH SENSE
D	Q5 20OR/LB	SUNROOF CLOSE SWITCH SENSE



SWITCH-TOW/HAUL OVERDRIVE

SWITCH-TOW/HAUL OVERDRIVE - NATURAL 2 WAY

CAV	CIRCUIT	FUNCTION
1	T6 20DG	TOW/HAUL OVERDRIVE OFF SWITCH SENSE
2	Z71 20LB/BK	GROUND

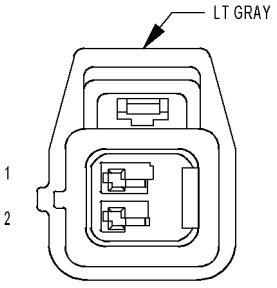


SWITCH-TRANSFER CASE SELECTOR (ETC)

SWITCH-TRANSFER CASE SELECTOR (ETC) - BLACK 10 WAY

CAV	CIRCUIT	FUNCTION
1	K77 20BR/WT	TRANSFER CASE POSITION SENSOR INPUT
2	-	-
3	K977 20BR/WT	MODE SELECT
4	E11 20OR/DB	PANEL LAMPS CONTROL
5	Z905 20BK	GROUND
6	G95 20VT/BR	NEUTRAL INDICATOR
7	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	-	-
9	-	-
10	-	-

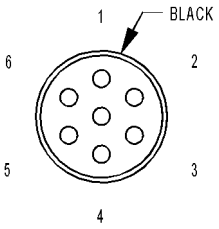
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SWITCH-WASHER FLUID LEVEL

SWITCH-WASHER FLUID LEVEL - LT GRAY 2 WAY

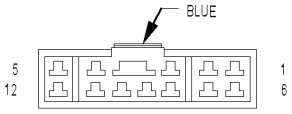
CAV	CIRCUIT	FUNCTION
1	G932 20WT/TN	WASHER FLUID SWITCH RETURN
2	W1 20BR/TN	WASHER FLUID SWITCH SENSE



SWITCH-WINCH (POWER WAGON)

SWITCH-WINCH (POWER WAGON) - BLACK 6 WAY

CAV	CIRCUIT	FUNCTION
1	BR	WINCH RELAYS CONTROL GROUND
2	WT	B(+)
3	-	
4	DG	WINCH RELAY 1-4 CONTROL FEED
5	RD	GROUND
6	BK	WINCH RELAY 2-3 CONTROL FEED

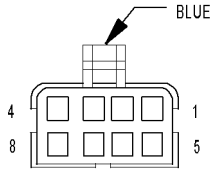


SWITCH-WINDOW/DOOR LOCK-DRIVER C1

SWITCH-WINDOW/DOOR LOCK-DRIVER C1 - BLUE 12 WAY

CAV	CIRCUIT	FUNCTION
1	Q612 14OR/DB	RIGHT REAR WINDOW DRIVER (DOWN)
2	Q412 14OR/LB	RIGHT REAR WINDOW DRIVER (UP)
3	Q16 12OR/TN	MASTER WINDOW SWITCH RIGHT FRONT (UP)
4	Q411 14OR/WT	LEFT REAR WINDOW DRIVER (UP)
5	Q11 14OR/LG	LEFT FRONT WINDOW DRIVER (UP)
6	Q26 12OR/GY	MASTER WINDOW SWITCH RIGHT FRONT (DOWN)
7	G161 20VT/DG	DRIVER DOOR LOCK SWITCH MUX
8	Z939 12BK	GROUND
9	F30 12PK/YL	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
10	Q611 14OR/GY	LEFT REAR WINDOW DRIVER (DOWN)
11	Z939 18BK	GROUND
12	Q21 14OR/WT	LEFT FRONT WINDOW DRIVER (DOWN)

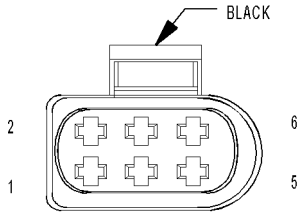
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SWITCH-WINDOW/DOOR LOCK-DRIVER C2

SWITCH-WINDOW/DOOR LOCK-DRIVER C2 - BLUE 8 WAY

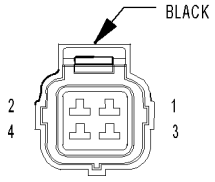
CAV	CIRCUIT	FUNCTION
1	P71 18TN/DG	LEFT MIRROR UP DRIVER
2	P195 18LG/YL	LEFT MIRROR COMMON DRIVER (RIGHT/DOWN)
3	A940 18RD	FUSED B(+)
4	P74 18TN/OR	RIGHT MIRROR LEFT DRIVER
5	Z939 18BK	GROUND
6	P75 18TN/LG	LEFT MIRROR LEFT DRIVER
7	P72 18TN/GY	RIGHT MIRROR UP DRIVER
8	Q15 12OR/LB	POWER WINDOW SWITCH FEED



THROTTLE BODY (5.7L)

THROTTLE BODY (5.7L) - BLACK 6 WAY

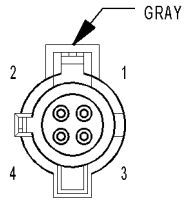
CAV	CIRCUIT	FUNCTION
1	K22 20BR/OR	TP NO. 1 SIGNAL
2	F855 20PK/YL	5 VOLT SUPPLY
3	K447 20TN/YL	ETC MOTOR (+)
4	K122 20BR/DG	TP NO. 2 SIGNAL
5	K448 20TN/OR	ETC MOTOR (-)
6	K922 20BR/DB	TP SENSOR RETURN



TRANSDUCER-A/C PRESSURE (DIESEL/SRT)

TRANSDUCER-A/C PRESSURE (DIESEL/SRT) - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	C918 18BK/LB (DIESEL)	A/C PRESSURE GROUND
1	K900 20DB/DG (SRT)	SENSOR GROUND
2	C818 18LB/OR (DIESEL)	A/C PRESSURE SENSOR SUPPLY
2	F856 18YL/PK (SRT)	5 VOLT SUPPLY
3	C18 18LB/BR (DIESEL)	A/C PRESSURE SIGNAL
3	C918 18BK/LB (SRT)	A/C PRESSURE GROUND
4	-	-



TRANSDUCER-A/C PRESSURE (NGC)

TRANSDUCER-A/C PRESSURE (NGC) - GRAY 4 WAY

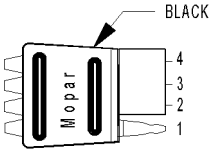
CAV	CIRCUIT	FUNCTION
1	C918 20BK/LB	A/C PRESSURE GROUND
2	C818 20LB/OR	A/C PRESSURE 5 VOLT SUPPLY
3	C18 20LB/BR	A/C PRESSURE SIGNAL
4	-	-

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CONNECTOR NOT AVAILABLE

WIRING-TRAILER TOW (BOX OFF) - 1 WAY

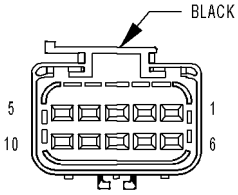
CAV	CIRCUIT	FUNCTION
1	A100 14RD/VT	FUSED B(+)
1	B40 14DG	TRAILER TOW BRAKE B(+)
1	L1 18WT/LG	BACKUP LAMP FEED
1	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
1	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
1	L678 18BR	FUSED PARK LAMP FEED
1	Z927 14BK	GROUND



WIRING-TRAILER TOW 4-WAY

WIRING-TRAILER TOW 4-WAY - BLACK 4 WAY

CAV	CIRCUIT	FUNCTION
1	Z927 14BK	GROUND
2	L678 18BR	FUSED PARK LAMP FEED
3	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT
4	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT



WIRING-TRAILER TOW 7-WAY

WIRING-TRAILER TOW 7-WAY - BLACK 10 WAY

CAV	CIRCUIT	FUNCTION
1	-	-
2	L674 18LG	TRAILER TOW RIGHT TURN RELAY OUTPUT
3	L1 18WT/LG	BACKUP LAMP FEED
4	A100 14RD/VT	FUSED B(+)
5	L678 18BR	FUSED PARK LAMP FEED
6	-	-
7	B40 14DG	TRAILER TOW BRAKE B(+)
8	Z927 14BK	GROUND
9	Z927 14BK	GROUND
10	L673 18YL	TRAILER TOW LEFT TURN RELAY OUTPUT

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8W-91 CONNECTOR/GROUND/SPLICE LOCATION

TABLE OF CONTENTS

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CONNECTOR/GROUND/SPLICE LOCATION
DESCRIPTION 1

CONNECTOR/GROUND/SPLICE LOCATION

DESCRIPTION

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

CONNECTORS

CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Actuator-Blend Door-Driver	GY	On HVAC Unit	42
Actuator-Blend Door-Passenger (Dual Zone)	GY	On HVAC Unit	42
Actuator-Fuel Control (Diesel)		Left Rear Engine	N/S
Actuator-Mode Door 1 (Panel to Floor)	GY	On HVAC Unit	42
Actuator-Mode Door 2 (Defrost to Floor)	GY	On HVAC Unit	42
Actuator-Recirculation Door	GY	On HVAC Unit	N/S
Airbag-Driver Squib 1	BK	On Steering Wheel	45
Airbag-Driver Squib 2	BR	On Steering Wheel	45
Airbag-Passenger Squib	YL	Right Front of Instrument Panel	49
Airbag-Side Curtain-Left	YL	Top Left B-Pillar	60, 65
Airbag-Side Curtain-Right	YL	Top Right B-Pillar	64, 66
Amplifier-Radio C1	WT	Top Center of Instrument Panel	49
Amplifier-Radio C2	WT	Top Center of Instrument Panel	49
Amplifier-Subwoofer (SRT)	WT	Center Body	60, 61, 65
Antenna-Radio	-	At Antenna Base	51
Antenna-Satellite		Center Rear Roof	63
Antenna Cable-Radio	-	Right Kick Panel	51
Antenna Cable-Satellite		Behind Passenger Seat	62, 63
Assembly-EGR Valve	BK	Right Front Engine	11
Assembly-Line Pressure Sensor/ Variable Force Solenoid	BK	Left Side Transmission	19
Assembly-Natural Vacuum Leak Detection (NGC)	BK	Rear of Transmission	24
Assembly-Shift Motor/Mode Sensor	DK GY	Left Front Side of Transfer Case	22, 26

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Assembly-Transmission Solenoid (RE)	LT BR	Left Side of Transmission	22
Assembly-Transmission Solenoid/ Pressure Switch (RLE)	LT BR	Right Rear of Transmission	19
Assembly-Transmission Solenoid/ TRS (RFE)	BK	Left Side of Transmission	20
Assembly-Transmission Throttle Valve		On Transmission	N/S
Assembly-Winch B(+) Eyelet		Behind Front Bumper	2
Assembly-Winch (Ground)		Behind Front Bumper	2
Backlite-Heated (Ground)	BK	Right of Rear Wingdow	67
Backlite-Heated (Power)	BK	Left of Rear Window	60, 65
Battery-Negative (Gas)	-	Left Engine Compartment	36, 2
Battery-Negative (Diesel Left Battery)	-	Left Engine Compartment	2
Battery-Negative (Diesel Right Battery)	-	Right Engine Compartment	N/S
Battery-Positive (Gas)	-	Left Engine Compartment	2, 36
Battery-Positive (Diesel Left)	-	Left Engine Compartment	2, 17
Battery-Positive (Diesel Right)	-	Right Engine Compartment	17
C102	GY	Near Integrated Power Module	32, 36
C103	BK	Left Rear Engine Compartment	31, 41
C108	BK	Rear Engine	20
C112 (Diesel)	BK	Left Side Engine	N/S
C116 (Diesel)	BK	Top of Engine Near Injectors 3 and 4	16
C117 (Diesel)	BK	Top of Engine Near Injectors 5 and 6	16
C130	BK	Rear of Engine	6, 31, 40, 41
C131 (GAS)	BK	Right Rear Engine Compartment	6, 31
C132 (Diesel)	DK GY	Rear Engine Compartment	41
C134	DK GY	Left Rear Engine Compartment	34, 71
C135	BK	Left Rear Engine Compartment	34, 71
C136	NAT	Front of Left Instrument Panel	33, 60, 65
C137	NAT	Left Kick Panel	33
C138	BK	Left Front Engine Compartment	32
C139	BK	Rear Rear Engine Compartment	31
C140	DK GY	Left Rear Engine	9
C200	LT GY	Under Instrument Panel	49
C201	LT GY	Near Left Instrument Panel Speaker	49, 55
C206	BK	Right Instrument Panel	49, 67
C219	GY	Left Side of Instrument Panel	33, 44, 49, 52
C220	NAT	Left Side of Instrument Panel	44, 49, 52, 60, 65
C221	LT GY	Left Upper Instrument Panel	49, 55

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
C301	WT	Right Kick Panel	58, 64, 66
C302	NAT	Left Front Door	58, 64, 66
C304	WT	Left Side of Instrument Panel	57, 65
C305	NAT	At Left Front Door	57,65
C306	WT	Middle Front of Door	59, 65
C308	NAT	Under Instrument Panel	49, 64, 66
C309	NAT	Left Side of Instrument Panel	44, 49, 60, 65
C311	DK GY	Left Rear of Frame	60, 65, 68
C313		At Driver Seat	68
C315	WT	At Driver Seat	68
C316	WT	At Passenger Seat	68
C319	LT GY	Bottom Left of Left Door	N/S
C320	NAT	Right Rear Door	59, 66
C323	GY	Right Front Corner of Passenger Seatl	69
C327	BK	Right Rear Fender	72, 73
C328	BK	Left Rear Fender	72, 73
C337	NAT	Left B-Pillar	60, 65
C339	DK GY	Under Right Front Seat	60, 66, 69
C340	BK	Center Headliner	56
Capacitor-Ignition	BK	Left Rear of Engine Compartment	6
Clockspring C1	WT	Steering Column	44, 50
Clockspring C2	YL	Steering Column	44, 50
Clockspring C3	BK	Steering Column	45
Clockspring C4	BK	Steering Column	45
Cluster C1	WT	Rear of Instrument Cluster	53
Cluster C3	GY	Rear of Instrument Cluster	53
Cluster C4	GY	Rear of Instrument Cluster	53
Clutch-A/C Compressor	BK	At A/C Compressor	5, 8, 9,13, 16
Coil-Ignition-Left (SRT)	BK	Top Front of Engine	28
Coil-Ignition-No. 1	BK	Left Top Side of Intake Manifold	8, 9
Coil-Ignition-No. 2	BK	Right Top Side of Intake Manifold	5, 11
Coil-Ignition-No. 3	BK	Left Top Side of Intake Manifold	8, 9
Coil-Ignition-No. 4	BK	Right Top Side of Intake Manifold	5, 11
Coil-Ignition-No. 5	BK	Left Top Side of Intake Manifold	7, 8, 9
Coil-Ignition-No. 6	BK	Right Top Side of Intake Manifold	5, 11
Coil-Ignition-No. 7	BK	Left Top Side of Intake Manifold	8, 9
Coil-Ignition-No. 8	BK	Right Top Side of Intake Manifold	5, 11
Coil-Ignition-Right (SRT)	BK	Top Front of Engine	N/S
Control-A/C-Heater C1	BK	Center of Instrument Panel	50
Control-A/C-Heater C2	BK	Center of Instrument Panel	50
Data Link Connector	BK	Left Bottom of Instrument Panel	52

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Data Link Connector - Engine (Diesel)	BK	Near T/O for Water In Fuel Sensor	N/S
Drive-Fan-Radiator (SRT)	DK GY	Front Engine Compartment	38
Gauge-Oil Temperature (SRT)	NAT	Left Instrument Panel	48
Generator (Except SRT)	BK	Front of Engine	8, 9, 10, 11, 16
Generator (SRT)	GY	Right Front Engine	13
Heater-Fuel (Diesel)	BK	Left Side Engine	16
Heater-Intake Air No. 1 (Diesel)		On Engine	N/S
Heater-Intake Air No. 2 (Diesel)		On Engine	N/S
Heater-Seat Back-Driver	BK	Under Driver Seat	68
Heater-Seat Back-Passenger	BK	Under PassengerSeat	69
Heater-Seat Cushion - Driver	GN	Under Driver Seat	68
Heater-Seat Cushion - Passenger	GN	Under Passenger Seat	69
Horn-No. 1	BK	Left Front Fender	39
Horn-No. 2	BK	Left Front Fender	39
Injector-Fuel-No. 1	BK	Left Top Engine	8, 9, 12
Injector-Fuel-No. 2	BK	Right Top Engine	5, 11, 12
Injector-Fuel-No. 3	BK	Left Top Engine	8, 9, 12
Injector-Fuel-No. 4	BK	Right Top Engine	5, 11, 12
Injector-Fuel-No. 5	BK	Left Top Engine	8, 9, 12
Injector-Fuel-No. 6	BK	Right Top Engine	5, 11, 12
Injector-Fuel-No. 7	BK	Left Top Engine	8, 9, 12
Injector-Fuel-No. 8	BK	Right Top Engine	5, 11, 12
Injector-Fuel-No. 9 (SRT)	BK	Left Top Engine	12
Injector-Fuel-No. 10 (SRT)	BK	Right Top Engine	12
Lamp-Center Bezel	BK	Center Stack	50
Lamp-CHMSL-Aftermarket		Left Rear Chassis	72
Lamp-Clearance No. 1	BK	Left Roof	67
Lamp-Clearance No. 2	BK	Left-Center Roof	67
Lamp-Clearance No. 3	BK	Center Roof	67
Lamp-Clearance No. 4	BK	Right-Center Roof	67
Lamp-Clearance No. 5	BK	Right Roof	67
Lamp-Dome-Rear	BK	Center of Headliner	55
Lamp-Fender-Front Left (Dual Wheels)	BK	Front of Left Rear Fender	73
Lamp-Fender-Front Right (Dual Wheels)	BK	Rear of Left Rear Fender	73
Lamp-Fender-Rear Left (Dual Wheels)	BK	Front of Right Rear Fender	73
Lamp-Fender-Rear Right (Dual Wheels)	BK	Rear of Right Rear Fender	73
Lamp-Fog-Left Front	GY	Left Front Facia	N/S
Lamp-Fog-Right Front	GY	Right Front Facia	N/S
Lamp-Glove Box	BK	At Glove Box	49

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Lamp-Headlamp-Left	DK GN	At Headlamp	32
Lamp-Headlamp-Right	DK GN	At Headlamp	3, 31
Lamp-High Mounted Stop/Cargo	WT	Rear of Cab	55, 70
Lamp-License-Left	BK	At Rear Bumper	71, 72
Lamp-License-Right	BK	At Rear Bumper	71, 72
Lamp-Park/Turn-Left Front	BR	At Lamp	32
Lamp-Park/Turn-Right Front	BR	At Lamp	3, 31
Lamp-Reading-Front	BK	Center of Headliner	55
Lamp-Side Marker-Left Front	BK	Left Front Engine Compartment	32
Lamp-Side Marker-Right Front	BK	Right Front Engine Compartment	3, 31
Lamp-Tail/Stop/Turn-Left	BK	At Lamp	71, 72
Lamp-Tail/Stop/Turn-Right	BK	At Lamp	71, 72
Lamp-Underhood	BK	Left Hood	39
Lamp-Vanity-Left (SRT-10)	BK	Left Headliner	55
Lamp-Vanity-Right (SRT-10)	BK	Right Headliner	55
Lamp Bar-Tailgate	BK	At Tailgate	72
Latch-Door-Driver	BK	Left Front Door	57
Latch-Door-Left Rear	BK	Left Rear Door	59
Latch-Door-Passenger	BK	Right Front Door	58
Latch-Door-Right Rear	BK	Right Rear Door	59
Media System-Monitor/DVD	BK	Center Headliner	56
Mirror-Inside Rearview C1	BK	Top Center of Windshield	67
Mirror-Inside Rearview C2	BK	Top Center of Windshield	67
Mirror-Outside Rearview-Driver	BK	At Mirror	57
Mirror-Outside Rearview-Passenger	BK	At Mirror	58
Module-Anti-Lock Brakes		Left Fender Side Shield	32, 34
Module-Axle Disconnect	DK GY	Lower Left Engine Compartment	36
Module-Brake Provision	BL	Left Kick Panel	33
Module-Electronic Overhead	BK	In Overhead Console	55
Module-Engine Control C1	BK	Left Engine	16, 18
Module-Engine Control C2	BK	Left Engine	18
Module-Final Drive Control		Right Front Engine Compartment	30, 31
Module-Fuel Pump	LT GY	At Fuel Tank	71
Module-Gateway	BK	Right Rear Engine Compartment	31
Module-Hands Free	DK GY	Right Instrument Panel	49
Module-Occupant Restraint Controller C1		Left Fender Side Shield	54
Module-Occupant Restraint Controller C2		Left Fender Side Shield	60, 65
Module-Powertrain Control C1 (NGC)	BK	Right Rear Engine Compartment	6
Module-Powertrain Control C1 (SRT-10)	BK	Right Rear Engine Compartment	40

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Module-Powertrain Control C2 (NGC)	BK/OR	Right Rear Engine Compartment	6
Module-Powertrain Control C2 (SRT-10)	BK/GY	Right Rear Engine Compartment	40
Module-Powertrain Control C3 (NGC)	BK/NAT	Right Rear Engine Compartment	31
Module-Powertrain Control C3 (SRT-10)	BK/WT	Right Rear Engine Compartment	31
Module-Powertrain Control C4	BK/GN	Right Rear Engine Compartment	6
Module-Sentry Key Remote Entry	BK	On Steering Column	43, 50
Module-Totally Integrated Power C1	LT GY	Left Front Fender	35
Module-Totally Integrated Power C2	BK	Left Front Fender	35
Module-Totally Integrated Power C3	BK	Left Front Fender	35
Module-Totally Integrated Power C4	LT GY	Left Front Fender	35
Module-Totally Integrated Power C5	BK	Left Front Fender	35
Module-Totally Integrated Power C6	BR	Left Front Fender	35
Module-Totally Integrated Power C7	BL	Left Front Fender	35
Module-Totally Integrated Power C8	BR	Left Front Fender	35
Module-Totally Integrated Power C9	BL	Left Front Fender	35
Module-Totally Integrated Power C10	LT GY	Left Front Fender	35
Module-Totally Integrated Power Eyelet	-	Right Side of IPM	36
Motor-Adjustable Pedals	LT GY	Left of Instrument Panel	52
Motor-Blower	BK	Behind Right Side of Instrument Panel	42
Motor-Condenser Fan	BK	Near Condenser	33
Motor-IAC	BK	On Throttle Body	8, 12
Motor-Power Sliding Backlite		Below Center of Backlite	66
Motor-Seat Adjuster-Driver Horizontal	BK	At Driver Seat	68
Motor-Seat Adjuster-Front Driver Vertical	BK	At Driver Seat	68
Motor-Seat Adjuster-Front Passenger Vertical	BK	At Passenger Seat	69
Motor-Seat Adjuster-Passenger Horizontal	BK	At Passenger Seat	69

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Motor-Seat Adjuster-Rear Driver Vertical	BK	At Driver Seat	68
Motor-Seat Adjuster-Rear Passenger Vertical	BK	At Passenger Seat	69
Motor-Window-Left Front	BK	In Passenger Door at Motor	57
Motor-Window-Left Rear	BK	In Door at Motor	59
Motor-Window-Right Front	BK	In Passenger Door at Motor	58
Motor-Window-Right Rear	BK	In Door at Motor	59
Motor-Windshield Wiper		Left Side of Cowl	32, 34
Motor/Module-Sunroof		Center Headliner	N/S
Power Outlet-Cigar Lighter (Except SRT)	GY	Rear of Cigar Lighter	46, 50
Power Outlet-Console	GY	In Center Console	68
Power Outlet-Instrument Panel	GY	Center of Instrument Panel	50
Pump-Fuel Injection (Diesel)	BK	Left Side Engine	16, 18
Pump-Leak Detection (SRT)	BK	Rear of Transmission	27, 29
Pump-Washer-Windshield	BK	At Washer Fluid Reservoir	31
Radio C1 (Base)	BK	Rear of Radio	50
Radio C1 (Premium)	BK	Rear of Radio	50
Radio C2 (Premium)	GY	Rear of Radio	50
Receiver-Satellite	BK	Rear Cab Floor	49
Receiver-Satellite Antenna		At Receiver on Rear Cab Floor	62
Relay-Intake Air Heater	-	Right Engine Compartment	4
Relay-Starter		Left Kick Panel	35
Resistor-Blower Motor	BK	Behind Right Side of Instrument Panel	42
Seat Belt-Tension Reducer-Driver	NAT	Left B-Pillar	60
Seat Belt-Tensioner-Driver	BK	Left B-Pillar	60, 65
Seat Belt-Tensioner-Passenger	BK	Right B-Pillar	64, 66
Sensor-Accelerator Pedal Position	BK	Under Battery Tray	33
Sensor-Ambient Air Temperature	BK	Left Rear of Hood	32
Sensor-Battery Temperature	BK	Below Battery Tray	32, 34
Sensor-Brake Fluid Level	BK	Near Master Cylinder	34
Sensor-Camshaft Position	GY	Right Front Side of Engine	5, 11
Sensor-Crankshaft Position (Except SRT)	BK	Right Rear of Engine Block	5, 11, 19
Sensor-Crankshaft Position (SRT)	BK	Front Underside of Engine	N/S
Sensor-Engine Coolant Temperature	BK	Front of Engine	8, 11, 12
Sensor-Engine Oil Pressure (SRT)	BK	Lower Right Front Engine	15
Sensor-Engine Oil Temperature	BK	Lower Right Front Engine	11, 15
Sensor-Evaporator Temperature	BK	Right Side of HVAC	42
Sensor-Front Impact-Left	YL	Left Front Engine Compartment	32
Sensor-Front Impact-Right	YL	Right Front Engine Compartment	31

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Sensor-Input Speed	BK	At Transmission	19, 22
Sensor-Intake Air Temperature (Except SRT)	DK GY	On Intake Manifold	7, 9, 11
Sensor-Intake Air Temperature (SRT)	BK	On Intake Manifold	14
Sensor-Knock	BK	Left Rear of Engine	7
Sensor-Knock No. 1 (5.7L)	BK	Left Rear of Engine	9
Sensor-Knock No. 2 (5.7L)	BK	Right Rear of Engine	11
Sensor-Knock No. 1 (SRT)	BK	Right Side Engine	12
Sensor-Knock No. 2 (SRT)	BK	Left Rear Engine	12
Sensor-Line Pressure	BK	Right Rear of Transmission	24
Sensor-MAP	GY	Left Front of Intake Manifold	8, 9, 11, 12
Sensor-Output Speed	BK	Left Side of Transmission	19, 20, 22
Sensor-Oxygen-Left Front (3.7L)	BK	Left Front of Side of Transmission	19, 23
Sensor-Oxygen-Left Front (4.7L)	BK	Left Front of Side of Transmission	22, 23
Sensor-Oxygen-Left Front (5.7L/Diesel)	BK	Left Front of Side of Transmission	22, 25, 26
Sensor-Oxygen-Left Front (SRT)	BK	Left Front of Side of Transmission	27, 28
Sensor-Oxygen-Left Rear (3.7L)	BK	Left Front of Side of Transmission	19, 23
Sensor-Oxygen-Left Rear (4.7L)	BK	Left Front of Side of Transmission	22, 23
Sensor-Oxygen-Left Rear (5.7L/Diesel)	BK	Left Front of Side of Transmission	22, 25
Sensor-Oxygen-Left Rear (SRT)	BK	Left Front of Side of Transmission	27, 28
Sensor-Oxygen-Right Front (3.7L)	BK	Left Front of Side of Transmission	19, 23
Sensor-Oxygen-Right Front (4.7L)	BK	Left Front of Side of Transmission	23
Sensor-Oxygen-Right Front (5.7L/Diesel)	BK	Left Front of Side of Transmission	24
Sensor-Oxygen-Right Front (SRT)	BK	Left Front of Side of Transmission	28
Sensor-Oxygen-Right Rear (3.7L)	BK	Left Front of Side of Transmission	19, 23
Sensor-Oxygen-Right Rear (4.7L)	BK	Left Front of Side of Transmission	23
Sensor-Oxygen-Right Rear (5.7L/Diesel)	BK	Left Front of Side of Transmission	24, 25, 26
Sensor-Oxygen-Right Rear (SRT)	BK	Left Front of Side of Transmission	27, 28
Sensor-Prop Shaft Speed-Front (Full Time ETC)		Top of Transfer Case	22
Sensor-Prop Shaft Speed-Rear (Full Time ETC)		Top of Transfer Case	22
Sensor-Seat Track Position-Driver	GY	Right Rear Bottom of Driver Seat	68
Sensor-Side Impact-Left 1	YL	Left B-Pillar	60, 65
Sensor-Side Impact-Right 1	YL	Right B-Pillar	64, 66
Sensor-Temperature/Pressure-Intake	BK	Right Side Engine	4, 16
Sensor-Temperature/Pressure MAP (Diesel)	BK	Left rear Engine	N/S

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Sensor-Throttle Position (Except SRT)	NAT	Throttle Body	8
Sensor-Throttle Position (SRT)	BK	Top of Engine	14
Sensor-Transfer Case Position (Manual Transfer Case)	BK	Near T/O for Backup Lamp Switch	23
Sensor-Transmission Range	BK	Left side of Transmission	19, 20
Sensor-Water In Fuel (Diesel)	BK	Left Side Engine	18
Sensor-Wheel Speed-ABS-Left Front	BK	Left Rear Lower Side of Engine Compartment	39
Sensor-Wheel Speed-ABS-Rear	BK	Right Rear of Body	72
Sensor-Wheel Speed-ABS-Right Front	BK	Right Rear Lower Side of Engine Compartment	31
Servo-Speed Control	BK	Left Front Side of Engine Compartment	34
Solenoid-Brake Transmission Shift Interlock	BK	Near Steering Column	44, 50
Solenoid-Evap/Purge	BK	Left Fender Side Shield	34
Solenoid-Locker-Front	BK	Left Rear Engine	37
Solenoid-Locker-Rear	BK	At Rear Differential	72
Solenoid-Multiple Displacement No. 1	BK	Top of Engine	N/S
Solenoid-Multiple Displacement No. 4	BK	Top of Engine	N/S
Solenoid-Multiple Displacement No. 6	BK	Top of Engine	N/S
Solenoid-Multiple Displacement No. 7	BK	Top of Engine	N/S
Solenoid-Reverse Lock-Out (SRT)	WT	Left Rear of Transmission	27
Solenoid-Wastegate		Right Front Engine	16
Speaker-Instrument Panel-Center	WT	Center of Instrument Panel	49, 50
Speaker-Instrument Panel-Left	BK	Left Side of Instrument Panel	49
Speaker-Instrument Panel-Right	BK	Right Side of Instrument Panel	49
Speaker-Left Front Door	WT	In Left Front Door	57
Speaker-Left Rear (Standard Cab)	WT	In Lower Left B-Pillar	60
Speaker-Left Rear (Quad Cab)	WT	In Left Rear Door	59
Speaker-Right Front Door	WT	In Right Front Door	58
Speaker-Right Rear (Standard Cab)	WT	In Lower Right B-Pillar	64
Speaker-Right Rear (Quad Cab)	WT	In Right Rear Door	59
Speaker-Subwoofer (SRT)		Rear Center Cab	61, 64, 65
Starter	NAT	Left Engine	13, 37
Starter-Eyelet	-	Left Rear of Engine	13, 37
Switch-Adjustable Pedals	BL	Left of Instrument Panel	46, 53
Switch-Axle Lock		Bottom of Center Stack	N/S

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Switch-Back Up Lamp (Except SRT)	BK	Left Rear of Transmission	21, 23, 25, 26
Switch-Back Up Lamp (SRT)		Right Side of Transmission	27
Switch-Clutch Interlock	GN	At Clutch Pedal	33
Switch-Disconnecting Stabilizer Bar		Bottom of Center Stack	N/S
Switch-Door Lock-Passenger	NAT	In Right Front Door	58
Switch-Headlamp	BK	Left Side of Instrument Panel	46, 53
Switch-Heated Seat-Driver	DK GY	Center of Instrument Panel	47, 50
Switch-Heated Seat-Passenger	GN	Center of Instrument Panel	47, 50
Switch-Horn	WT	In Steering Wheel	N/S
Switch-Ignition	BK	Steering Column	44, 50
Switch-Multifunction	BK	On Steering Column	44, 50
Switch-Oil Pressure (Except SRT)	BK	Lower Left Side of Engine	8, 11, 16
Switch-Parking Brake	GY	At Park Brake	33
Switch-Passenger Airbag On/Off	BK	Right Side of Instrument Panel	47, 50
Switch-Power Sliding Backlite		Center Stack	47, 50
Switch-Power Steering Pressure	BK	Near Power Steering Pump	9
Switch-Power Window-Left Rear	BL	In Door	59
Switch-Power Window-Passenger	BL	Passenger Door	58
Switch-Power Window-Right Rear	BL	In Door	59
Switch-PTO		Near G107	N/S
Switch-Push-Button Starter	NAT	Center Instrument Panel	48
Switch-Remote Radio-Left	BK	At Steering Wheel	45
Switch-Remote Radio-Right	BK	At Steering Wheel	45
Switch-Seat-Driver	BK	At Driver Seat	N/S
Switch-Seat-Passenger	BK	At Passenger Seat	N/S
Switch-Seat Belt-Driver	DK GY	Left B-Pillar	68
Switch-Speed Control-Left	BK	At Steering Wheel	N/S
Switch-Speed Control-Right	BK	At Steering Wheel	N/S
Switch-Stop Lamp	BK	Top of Brake Pedal Arm	43
Switch-Sunroof	BK	Front Center of Headliner	55
Switch-Tow/Haul Overdrive	NAT	Center of Instrument Panel	50
Switch-Transfer Case Selector	BK	Center of Instrument Panel	20, 21, 25, 47, 50
Switch-Washer Fluid Level	LT GY	At Reservoir	31
Switch-Winch		Behind Front Bumper	1
Switch-Window/Door Lock-Driver C1	BL	In Left Front Door	57
Switch-Window/Door Lock-Driver C2	BL	In Left Front Door	57
Throttle Body	BK	Top of Engine	10, 11
Transducer-A/C Pressure (Diesel/SRT)	BK	Left Side of A/C Compressor	16
Transducer-A/C Pressure (NGC)	GY	Left Side of A/C Compressor	8, 9
Wiring-Trailer Tow 4-Way		Left Rear Chassis	71, 72

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CONNECTOR NAME/NUMBER	COLOR	LOCATION	FIG.
Wiring-Trailer Tow 7-Way	BK	At Trailer Hitch	71, 72
Wiring-Trailer Tow (Box Off)	BK	At Trailer Hitch	72

GROUNDS

GROUND NUMBER	LOCATION	FIG.
G100	Battery Ground - Left Front Engine	36
G101	Battery Ground - Left Front Engine	18
G102	Battery Ground - Left Front Chassis	37
G103	Left Front Engine Compartment	37
G104	Left Front Engine Compartment	32
G105	Right Side Engine Compartment	6
G106	Left Rear Engine Compartment	32
G107	Engine Compartment	N/S
G108	Diesel Auxiliary Battery Ground	N/S
G109	Diesel Auxiliary Battery Ground	N/S
G110 (SRT)	Right Engine Compartment Frame Rail	40
G113	Rear Engine	28
G114 (SRT)	Left Side Engine Compartment	N/S
G114 (Diesel)	Right Side Engine Compartment	16
G115 (SRT)	Rear Engine	N/S
G120	Left Side Engine	16
G121	Left Side Engine	16
G201	Right Side of Instrument Panel	49
G202	Center of Instrument Panel	49
G205	Left Instrument Panel	49
G301	Left Front Body	60, 65
G302	Left Front Body	60, 65
G303	Below Right Side of Rear Window	67
G304	CenterBody	60, 65

SPLICES

SPLICE NUMBER	LOCATION	FIG.
S011	Right Engine Compartment	32
S012 (Except SRT)	Right Engine Compartment	32
S012 (SRT)	Rear Engine Compartment	31
S014	Rear Engine Compartment	31
S015	Right Engine Compartment	32
S016	Rear Engine Compartment	31
S101	Left Side Engine Compartment	N/S
S102	Left Side Engine Compartment	32

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SPLICE NUMBER	LOCATION	FIG.
S103	Left Rear of Engine Compartment	32, 41
S105	Front Facia	N/S
S106	Left Rear of Engine Compartment	32, 41
S111 (Except SRT)	Left Rear Engine Compartment	34
S111 (SRT)	Center Rear of Engine Compartment	32
S112	Right Rear of Engine	5, 6
S115	Left Rear of Engine Compartment	N/S
S117	Top Right of Engine	12
S118	Left Side Engine Compartment	36
S119	Rear of Engine	11
S120	Left Front Fender	32
S121	Left Rear Engine Compartment	32, 41
S123 (Gas)	Left Rear Engine Compartment	32
S123 (Diesel)	Left Side Engine Compartment	32, 41
S124	Right Rear Engine Compartment	40
S125	Right Rear of Engine Compartment	6
S128	Rear Engine Compartment	40
S129	Rear Engine	28
S130	Top Front of Transmission	5, 11
S131 (SRT)	Right Top Engine	12
S132 (3.7L/4.7L))	In T/O for PCM C1	5
S132 (5.7L)	Left Rear of Engine Compartment	6
S132 (SRT)	Left Top Engine	12
S133	Left Rear of Engine	6, 20
S134	Right Top Engine	12
S135	Left Top Engine	12
S136	Left Front Fender	32
S137	Left Rear of Engine Compartment	31
S138	Right Rear Engine Compartment	40
S141	Right Rear Engine Compartment	40
S142 (3.7L/4.7L)	Left Side of Engine	5
S142 (5.7L)	Right Side Engine	11
S144	Top Front of Transmission	20
S145	Left Front Fender	32
S146	Right Rear Engine Compartment	40
S148	Top Front of Transmission	5, 11
S149	Left Rear of Engine	8
S150	Top Center of Engine	5, 6
S152	Left Rear Engine Compartment	32
S153 (Except SRT)	Right Side Engine Compartment	32

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SPLICE NUMBER	LOCATION	FIG.
S154	In T/O for PCM C1	6
S156	Engine Harness in T/O for C115	N/S
S157	Near T/O for Camshaft Position Sensor	N/S
S159	Near T/O for Engine Control Module	N/S
S161	Transfer Case Jumper Near T/O for Transfer Case Control Module	N/S
S162	Left Side Engine	N/S
S163	Right Side Engine	N/S
S164	In T/O for Engine Control Module C2	18
S165	In T/O for Engine Control Module C2	18
S166	In Battery Positive Harness	N/S
S168	Right Rear of Engine	5, 11
S169	Right Rear of Engine	5, 11
S170	In T/O for Engine Control Module C1	16, 18
S172	In T/O for Fuel Control Actuator	N/S
S173 (Diesel)	In T/O for Fuel Control Actuator	N/S
S175	Near T/O for Engine Control Module	N/S
S176	Left Side Engine Near T/O for Fuel Control Actuator	16
S177	On Engine Harness Near T/O for C115	N/S
S178	In T/O for PCM C1	6
S179	On Smart Bar Jumper	N/S
S180	Left Front Diesel Engine	16
S181	On Smart Bar Jumper	N/S
S182	Right Rear Engine Compartment	40
S183 (SRT)	Left Transmission	28
S184	Rear Engine Compartment	31
S185	Left Front Engine	N/S
S189	Left Front Engine	16
S194	In T/O for Gateway Module	31
S200	Left Instrument Panel	44
S201	Left Side of Instrument Panel	49
S202	Left Side of Instrument Panel	49
S203	Left Side of Instrument Panel	49
S204	Left Side of Instrument Panel	49, 53
S205	Left Side of Instrument Panel	49
S209	Left of Instrument Panel	49
S211	Left Center Instrument Panel	49
S213	Left Center Instrument Panel	49
S214	Left Center Instrument Panel	49
S215	Center Instrument Panel	49
S217	Center Instrument Panel	49
S218	Center Instrument Panel	49
S221	Center of Instrument Panel	49

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SPLICE NUMBER	LOCATION	FIG.
S222	Left Instrument Panel	49
S223	Center Instrument Panel	50
S224	Right Side of HVAC	N/S
S226	Right Side of HVAC	42
S227	Center Instrument Panel	50
S229	Center Instrument Panel	50
S232	Center Instrument Panel	49
S235	Center Instrument Panel	49
S240	Left Instrument Panel	44
S241	Center Instrument Panel	49
S243	Center Instrument Panel	49
S245	Left Instrument Panel	49
S301	Left Headliner	55
S302	Driver Seat	68
S303	Front Center Roof	67
S305	Front Center Roof	67
S306	Left Side of Frame	N/S
S307	Rear Chassis	72
S308	Left Rear Chassis	71
S309	Center Rear of Chassis	72
S310	Left Headliner	55
S311	Left Front of Body	60, 65
S312	Right Door	58
S313	Left Front Door	57
S314	Left Rear Frame Rail	N/S
S315	Left Front Body	65
S316	At Driver Seat	68
S317	Left Front Body	60
S318	At Passenger Seat	N/S
S319	Left Front Door	57
S320	Center of Body	60, 65
S322	Left Front Body	60, 66
S323	Left Front Body	64, 66
S324	Left Rear Chassis	72
S325	Left Rear Chassis	72
S326	Left Rear Chassis	72
S327	Left Rear Chassis	72
S328	At Driver Seat	N/S
S329	At Driver Seat	N/S
S330	Center Rear of Chassis	72
S331	Center Rear of Chassis	72
S332	Left Front Door	57

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SPLICE NUMBER	LOCATION	FIG.
S333	Left Front Body	60, 65
S335	Between Front Seats on Heated Seat Jumper	N/S
S336	Passenger Seat	69
S337	Passenger Seat	N/S
S338	Under Passenger Seat	60
S340	Left Rear Fender	73
S341	Right Rear Fender	73
S342	Left Rear Fender	73
S343	Right Rear Fender	73
S344	Center Headliner	55
S348	Left Headliner	55
S349	Left Headliner	55
S350	Left Headliner	55
S351	Driver Seat	72
S361	Driver Seat	68
S362	Driver Seat	68

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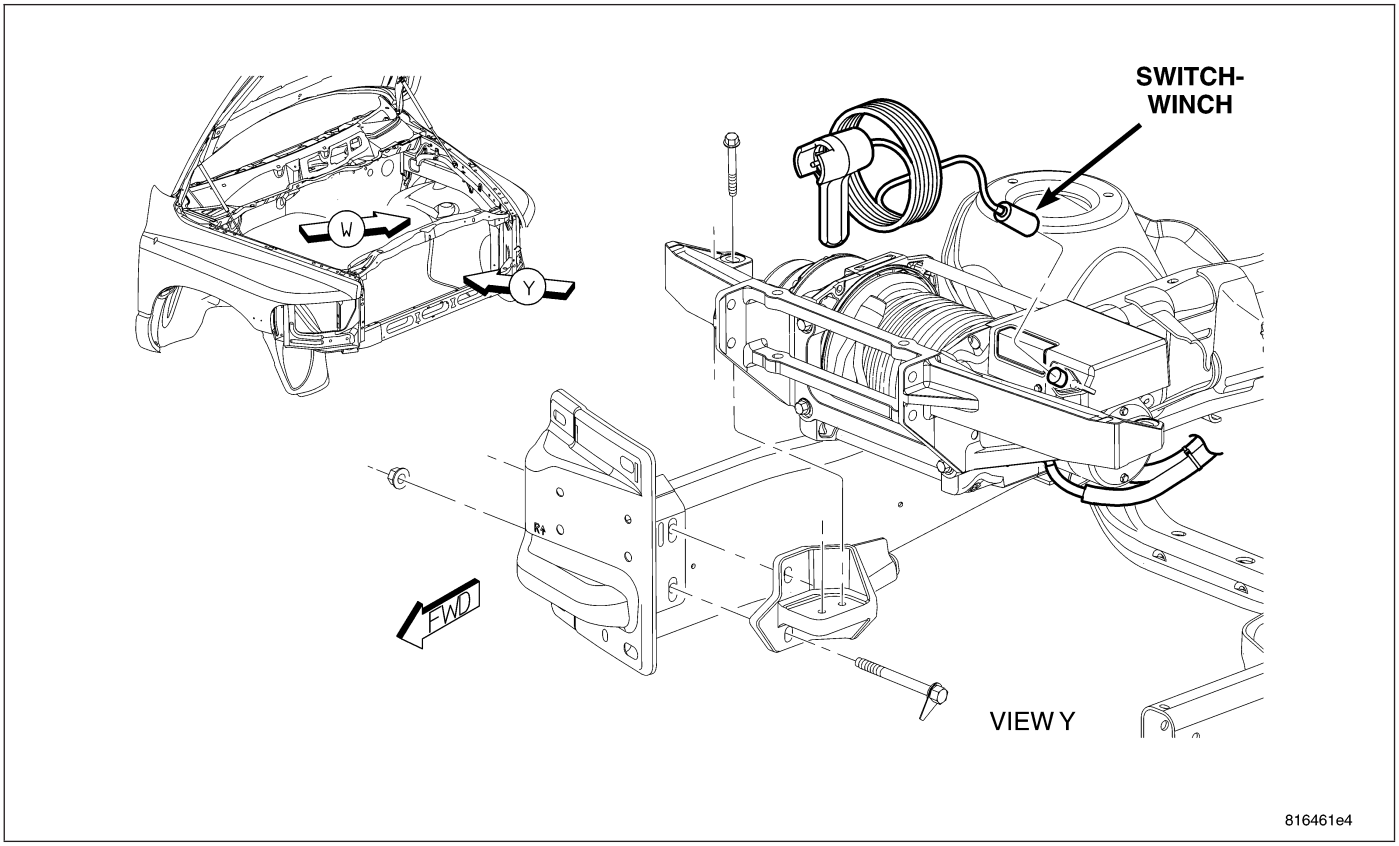


Fig. 1 WINCH ASSEMBLY (POWER WAGON)

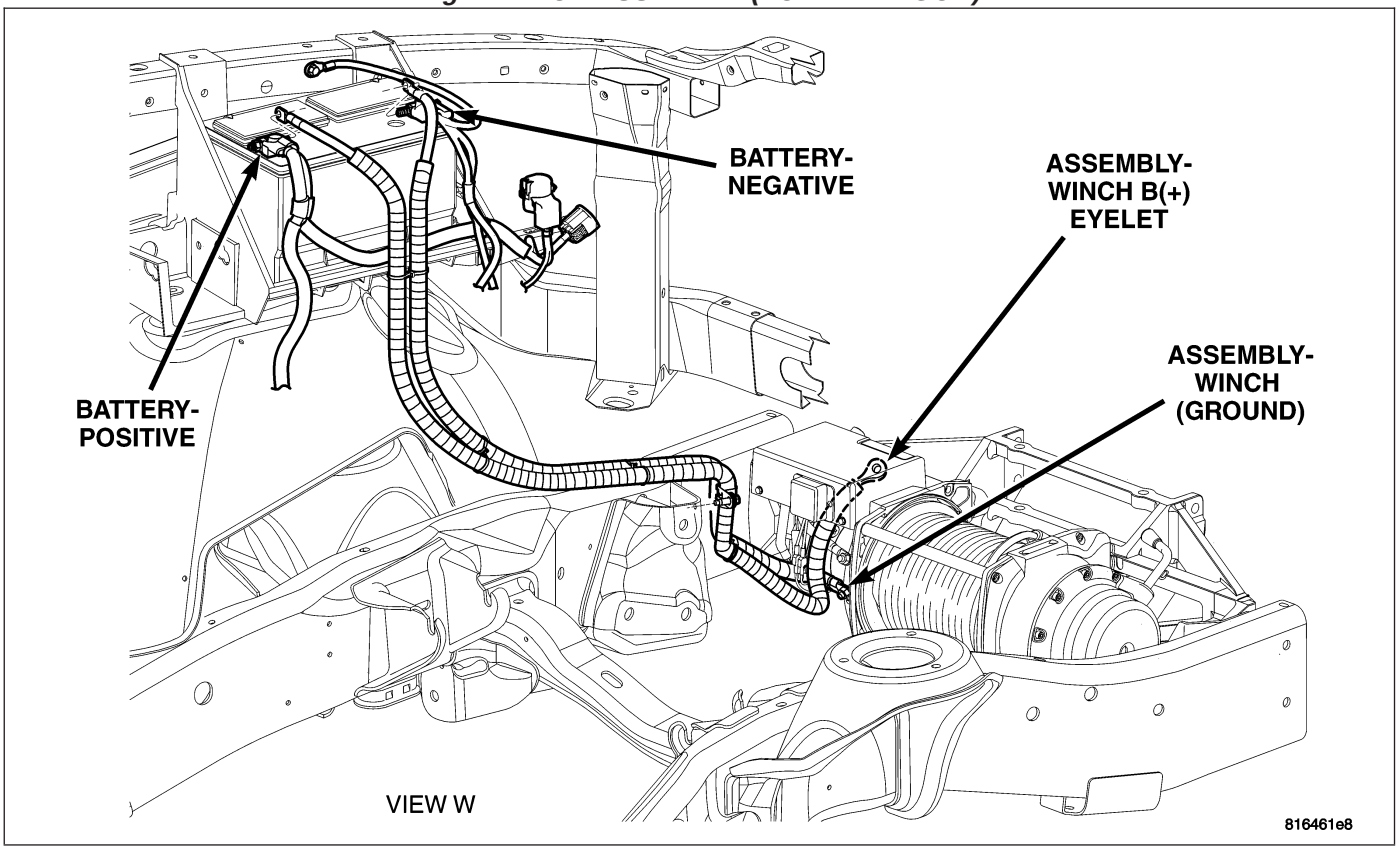


Fig. 2 FRONT FRAME (POWER WAGON)

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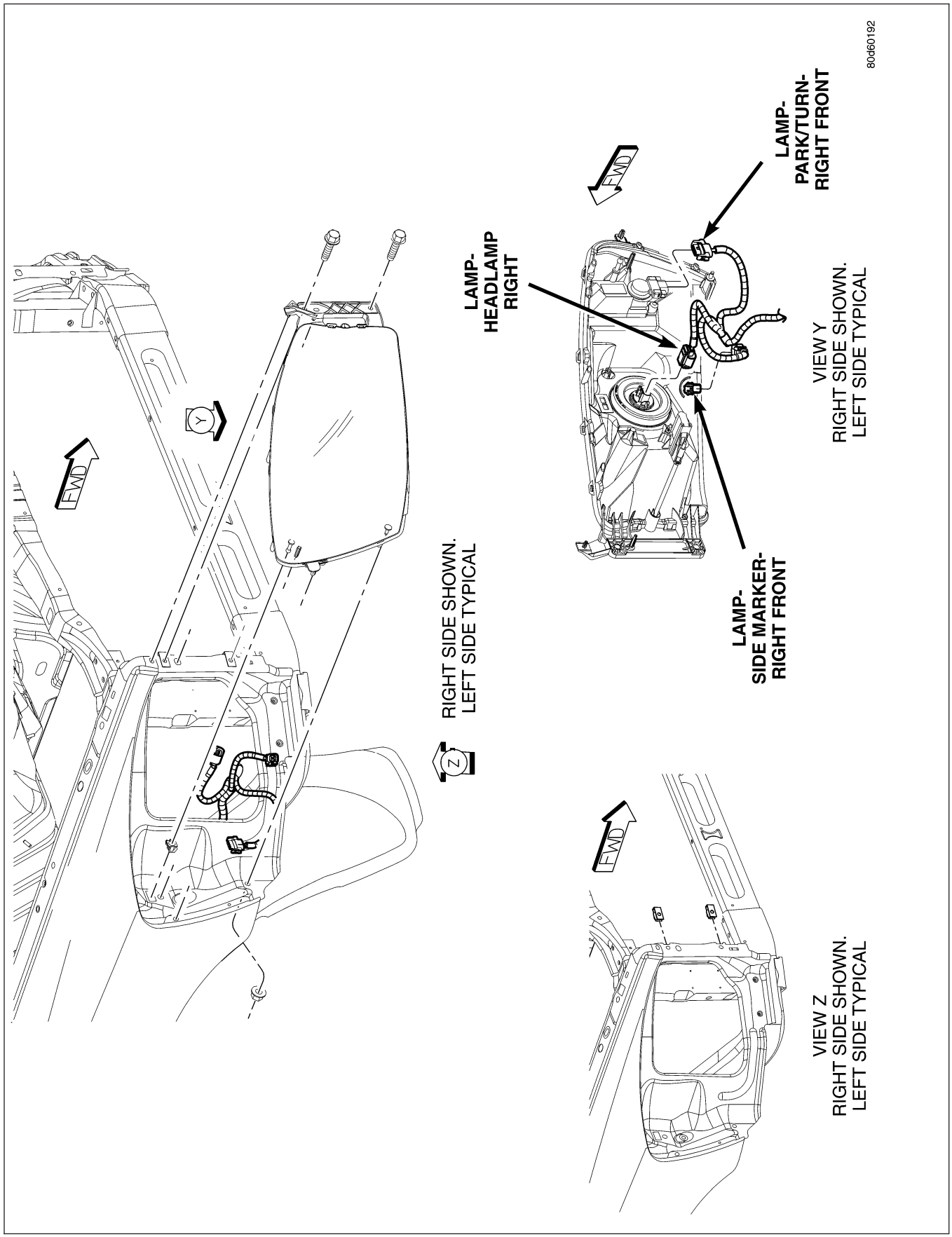


Fig. 3 RIGHT SIDE FRONT LIGHTING

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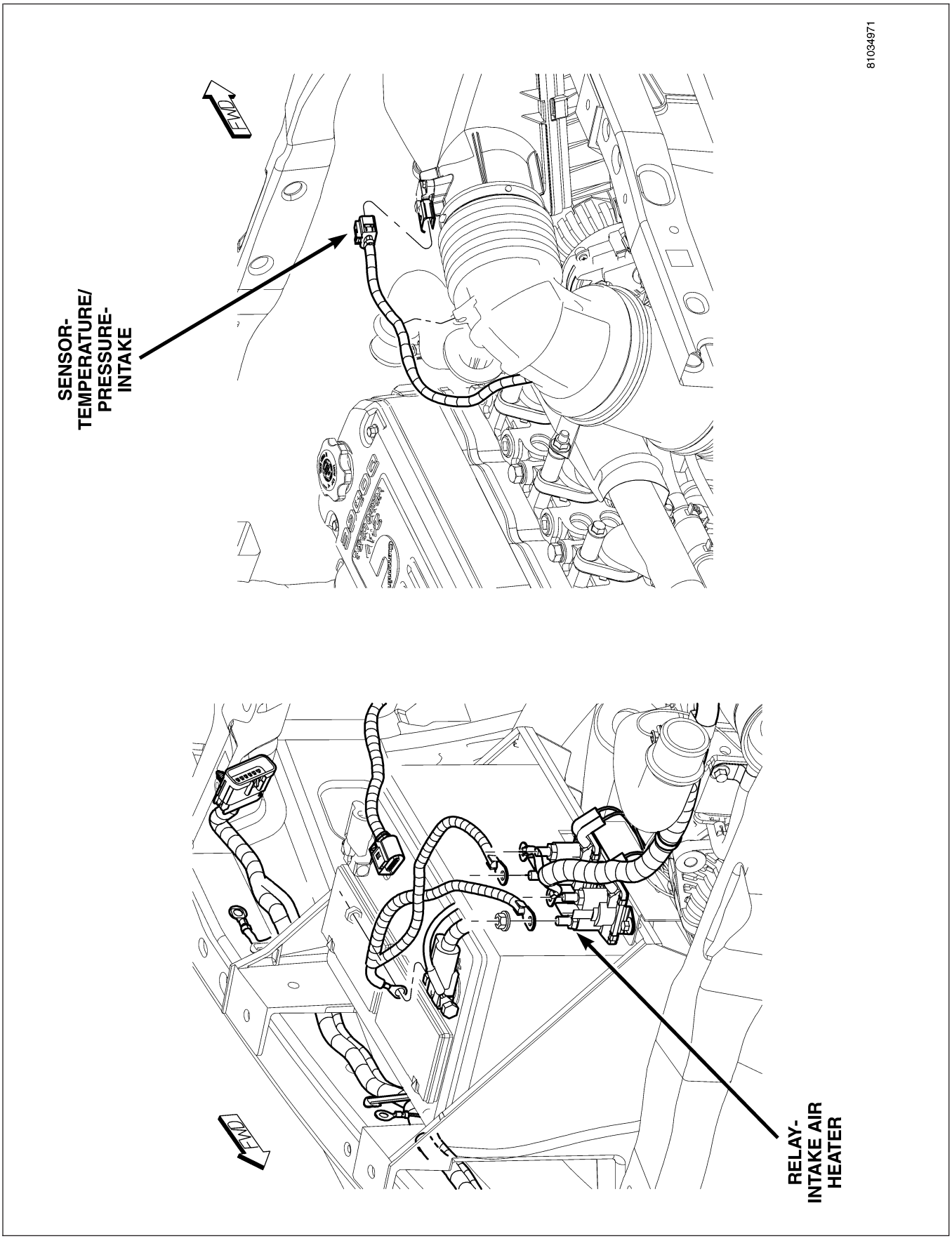


Fig. 4 RIGHT BATTERY AND ENGINE

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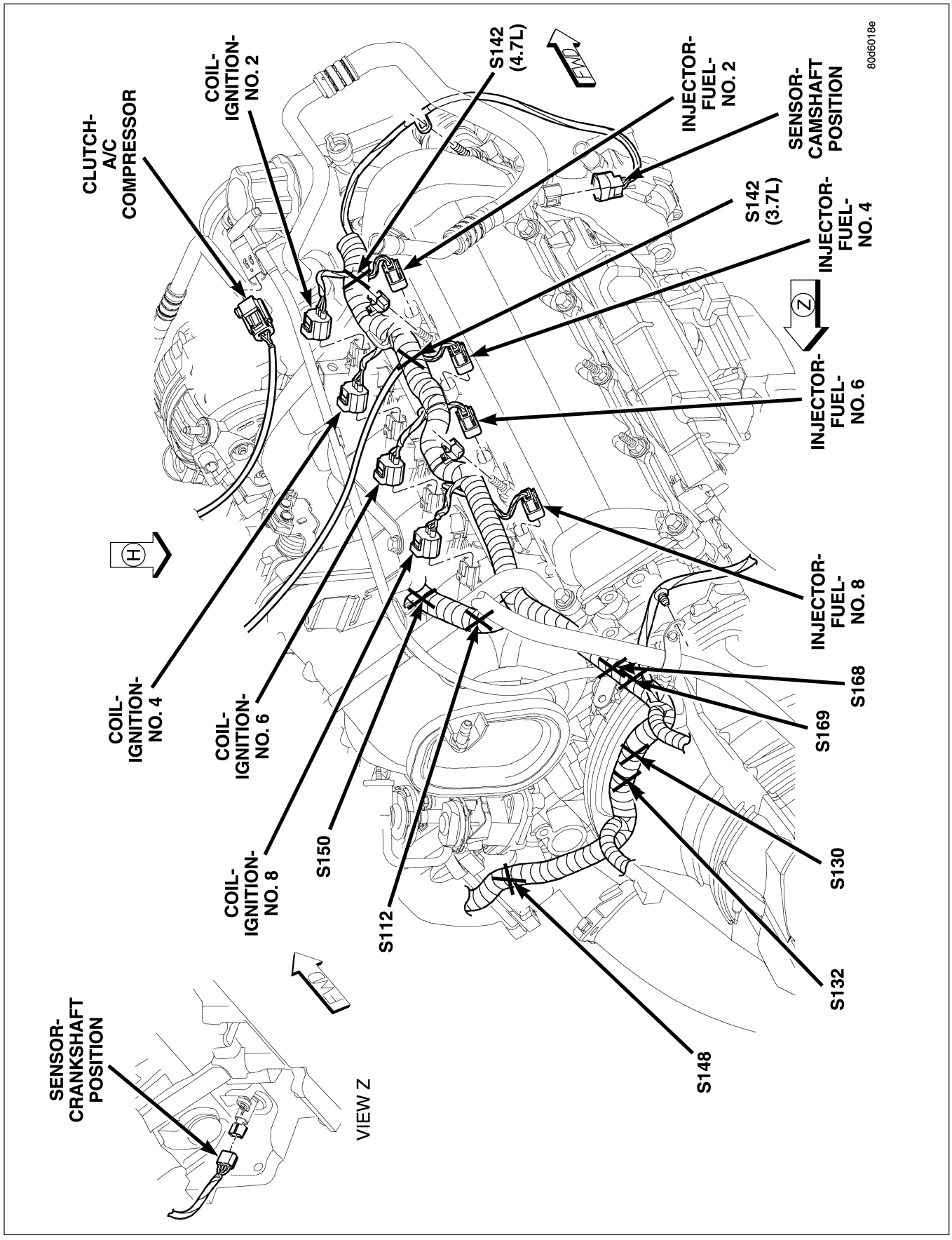


Fig. 5 RIGHT SIDE ENGINE - 3.7L/4.7L

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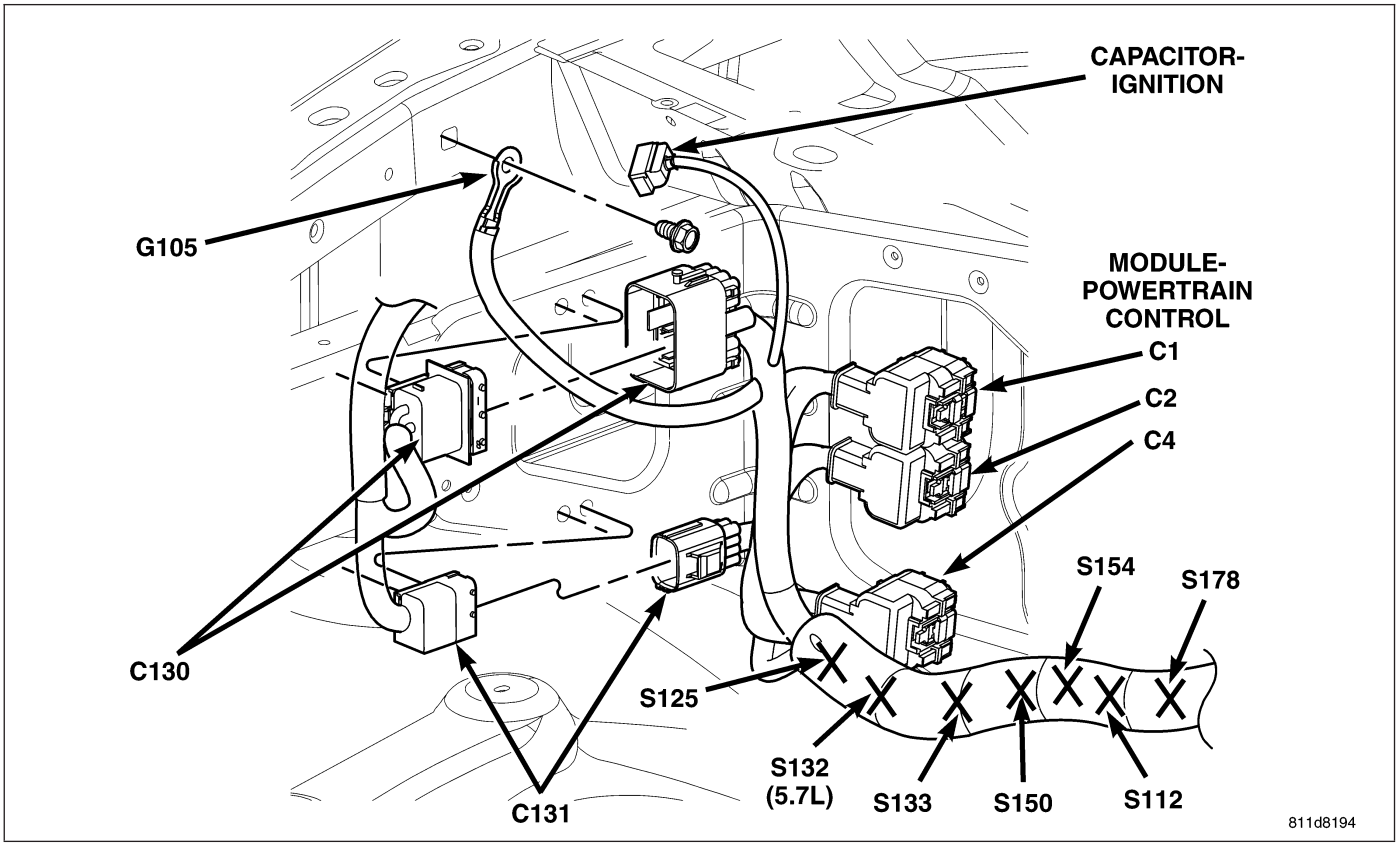


Fig. 6 RIGHT REAR ENGINE COMPARTMENT - NGC

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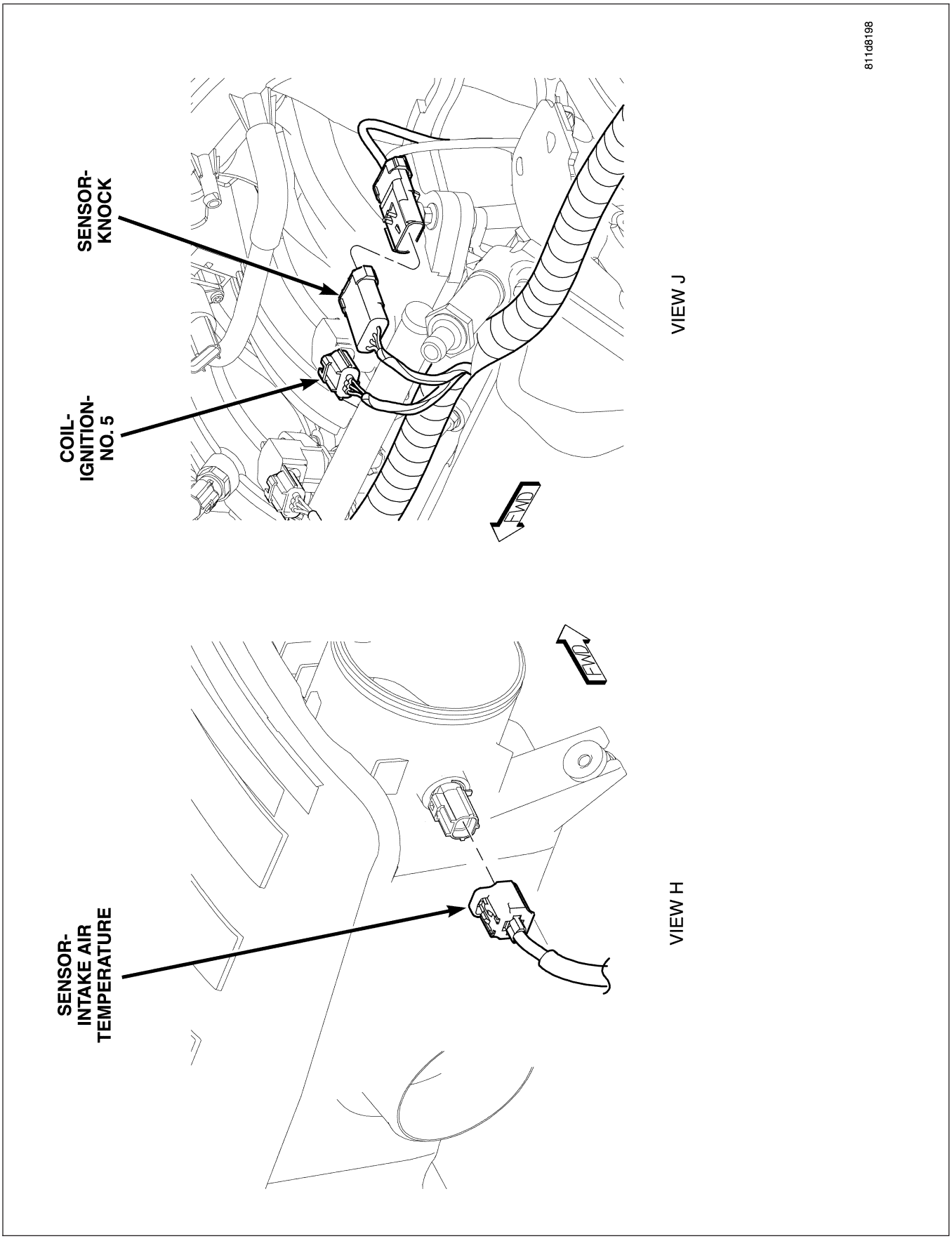


Fig. 7 RIGHT TOP ENGINE (3.7L/4.7L)

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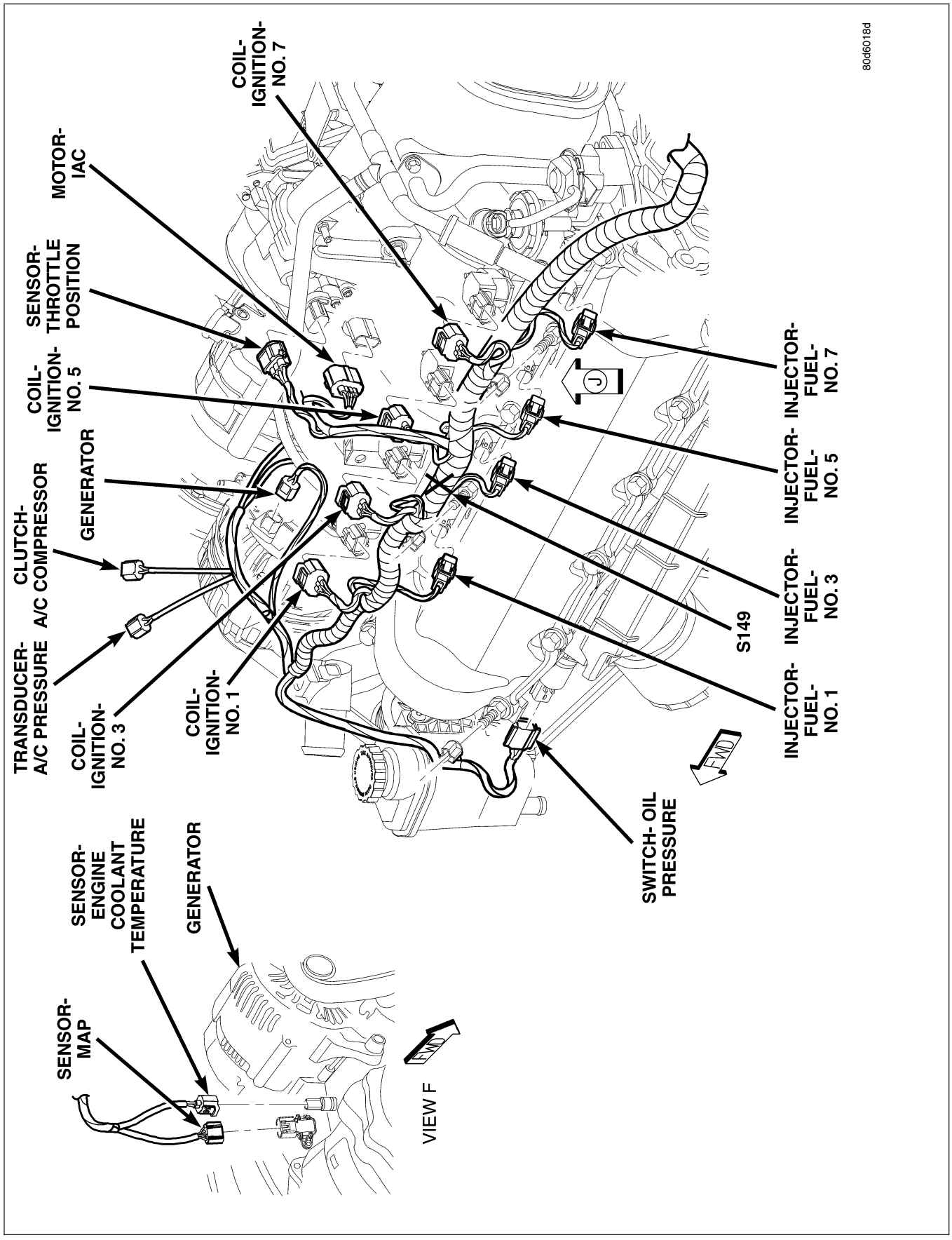


Fig. 8 LEFT SIDE ENGINE (3.7L/4.7L)

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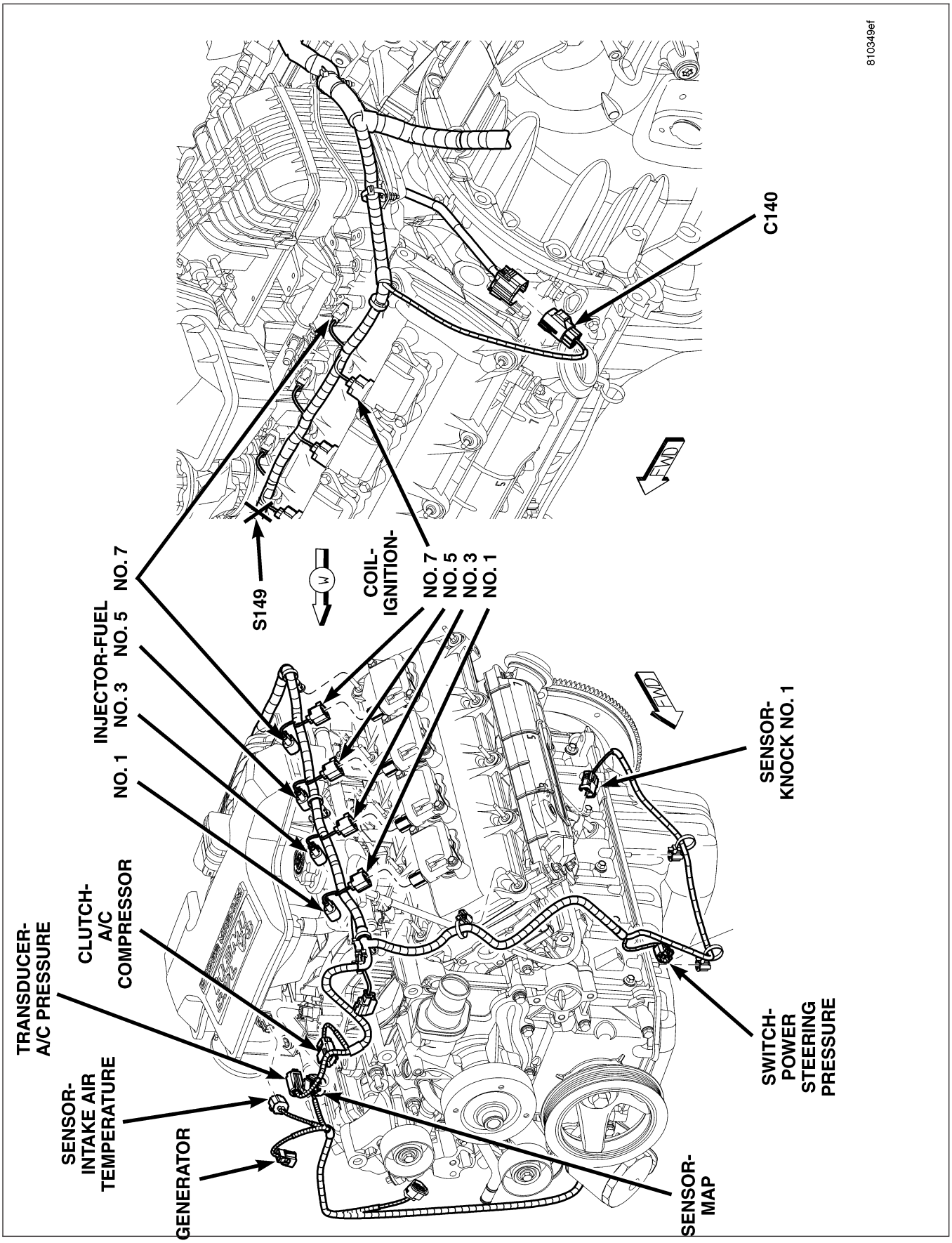


Fig. 9 LEFT SIDE ENGINE (5.7L)

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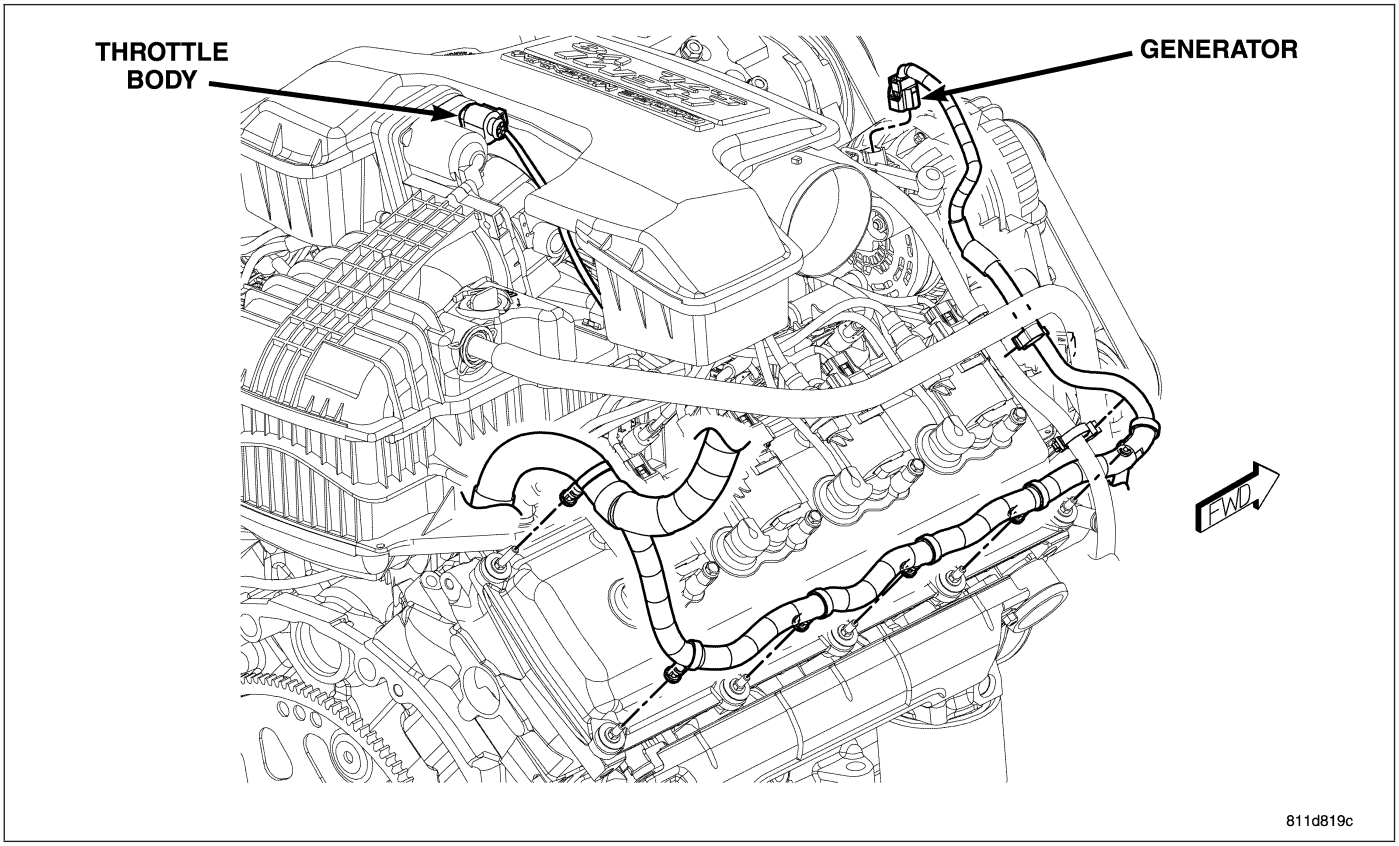


Fig. 10 RIGHT REAR ENGINE (5.7L)

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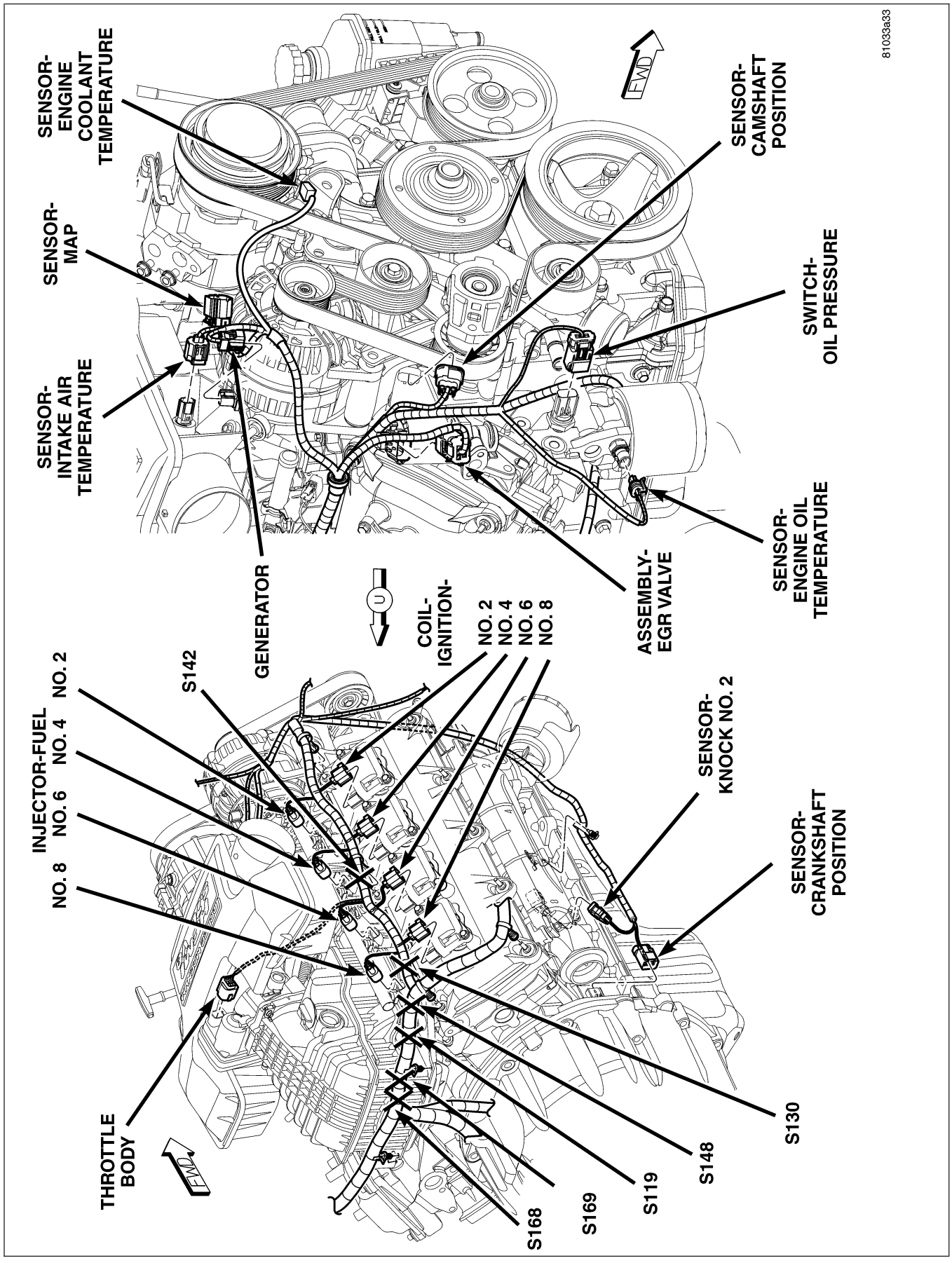


Fig. 11 RIGHT AND FRONT ENGINE (5.7L)

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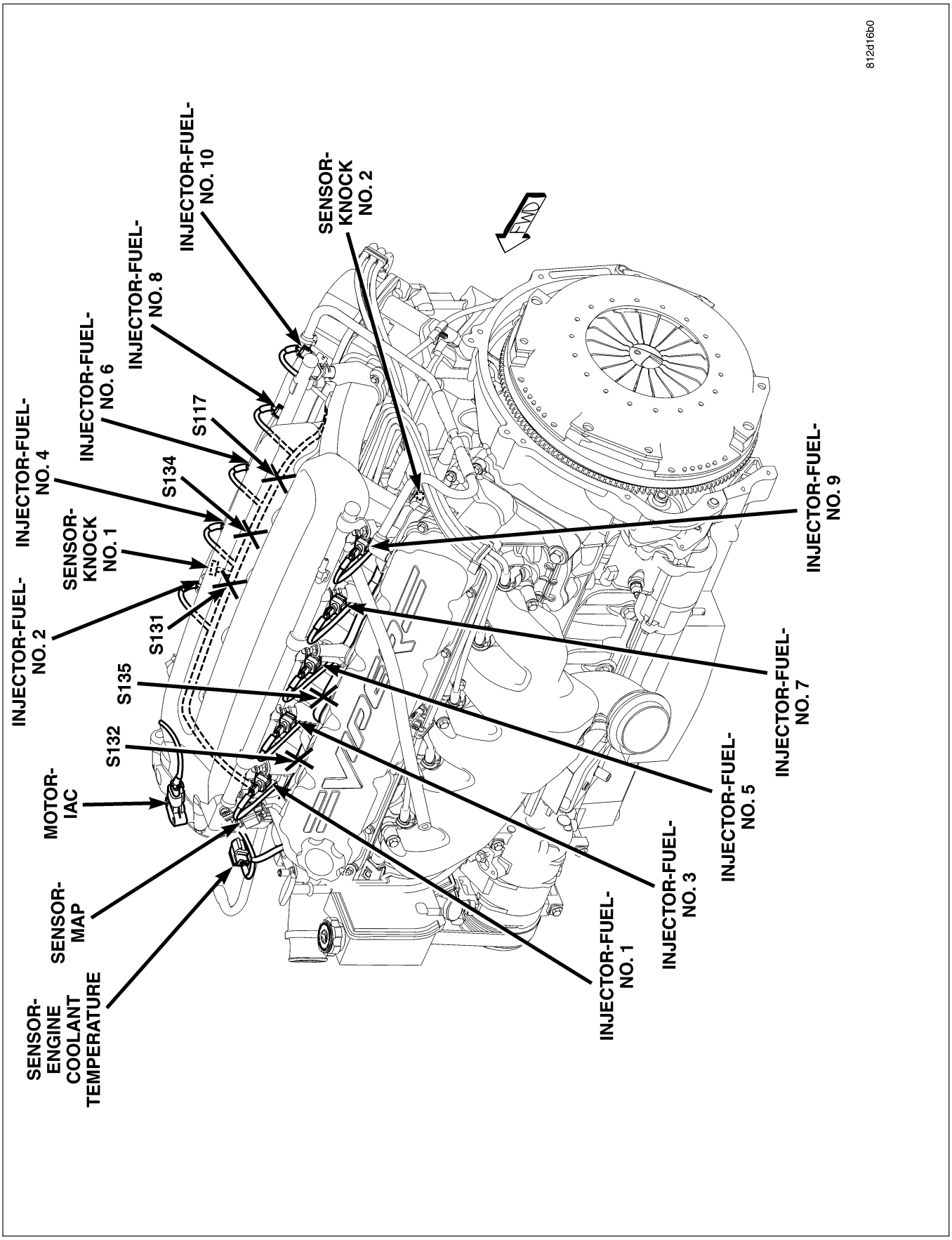


Fig. 12 LEFT REAR ENGINE (SRT)

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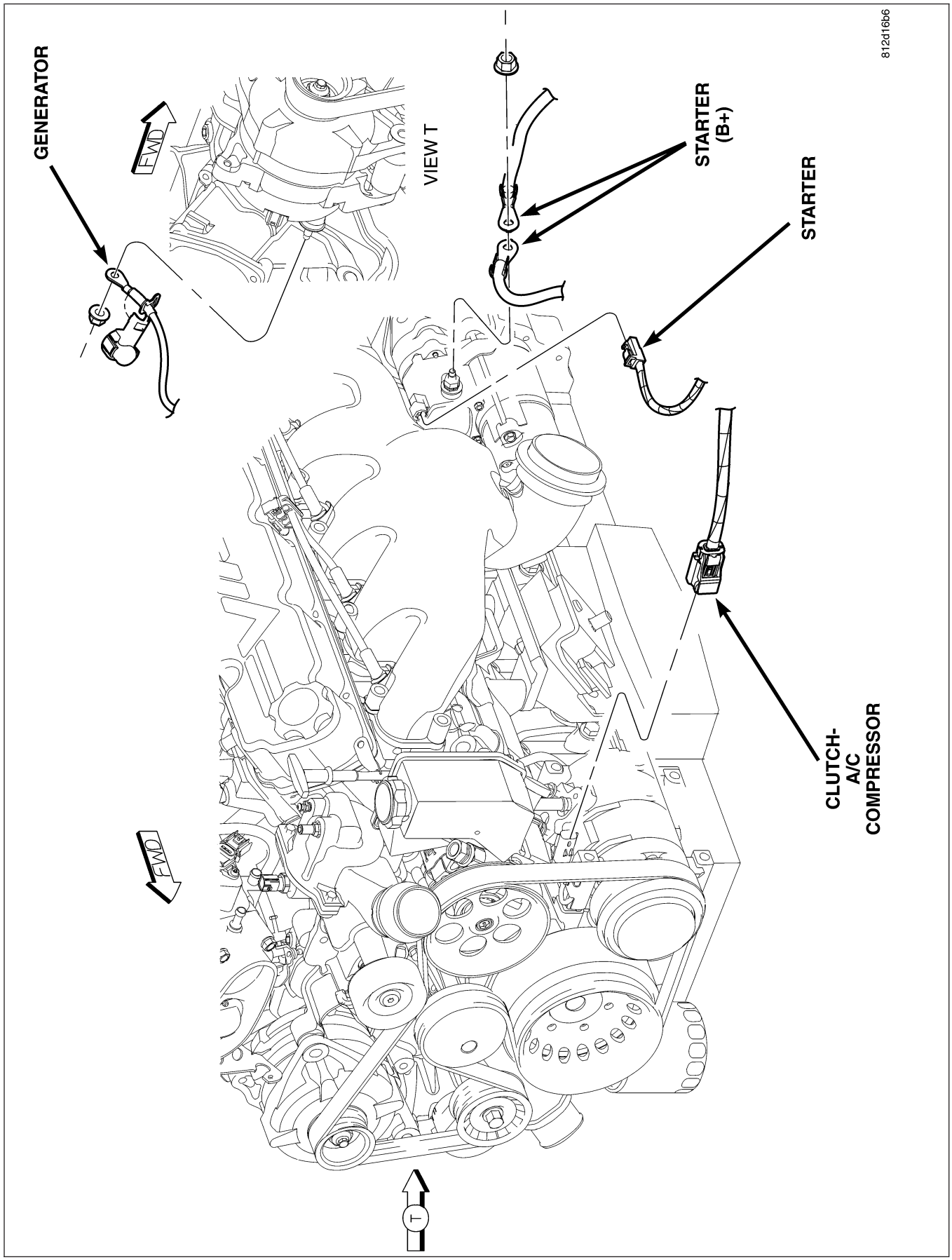


Fig. 13 FRONT ENGINE (SRT)

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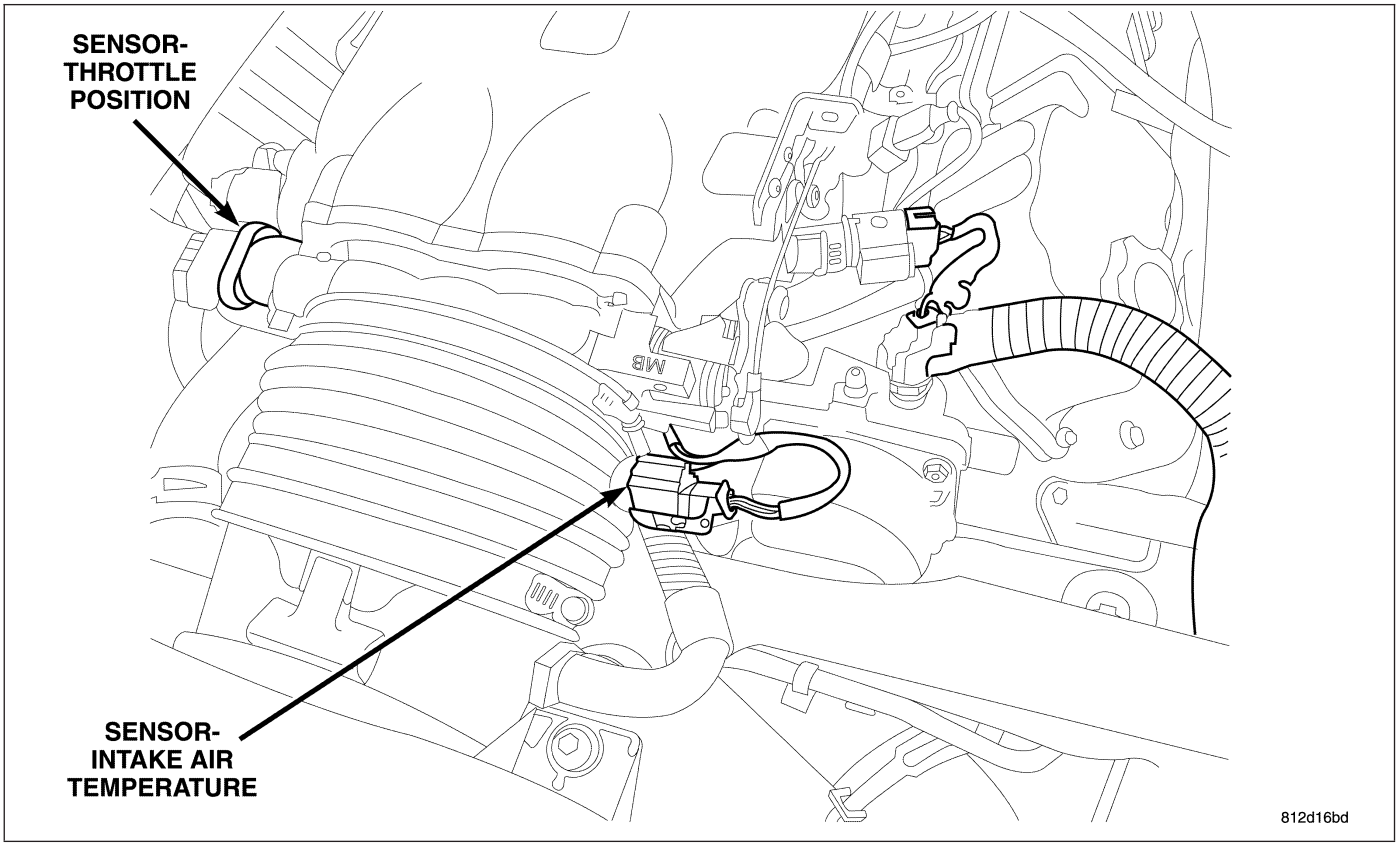


Fig. 14 LEFT FRONT ENGINE (SRT)

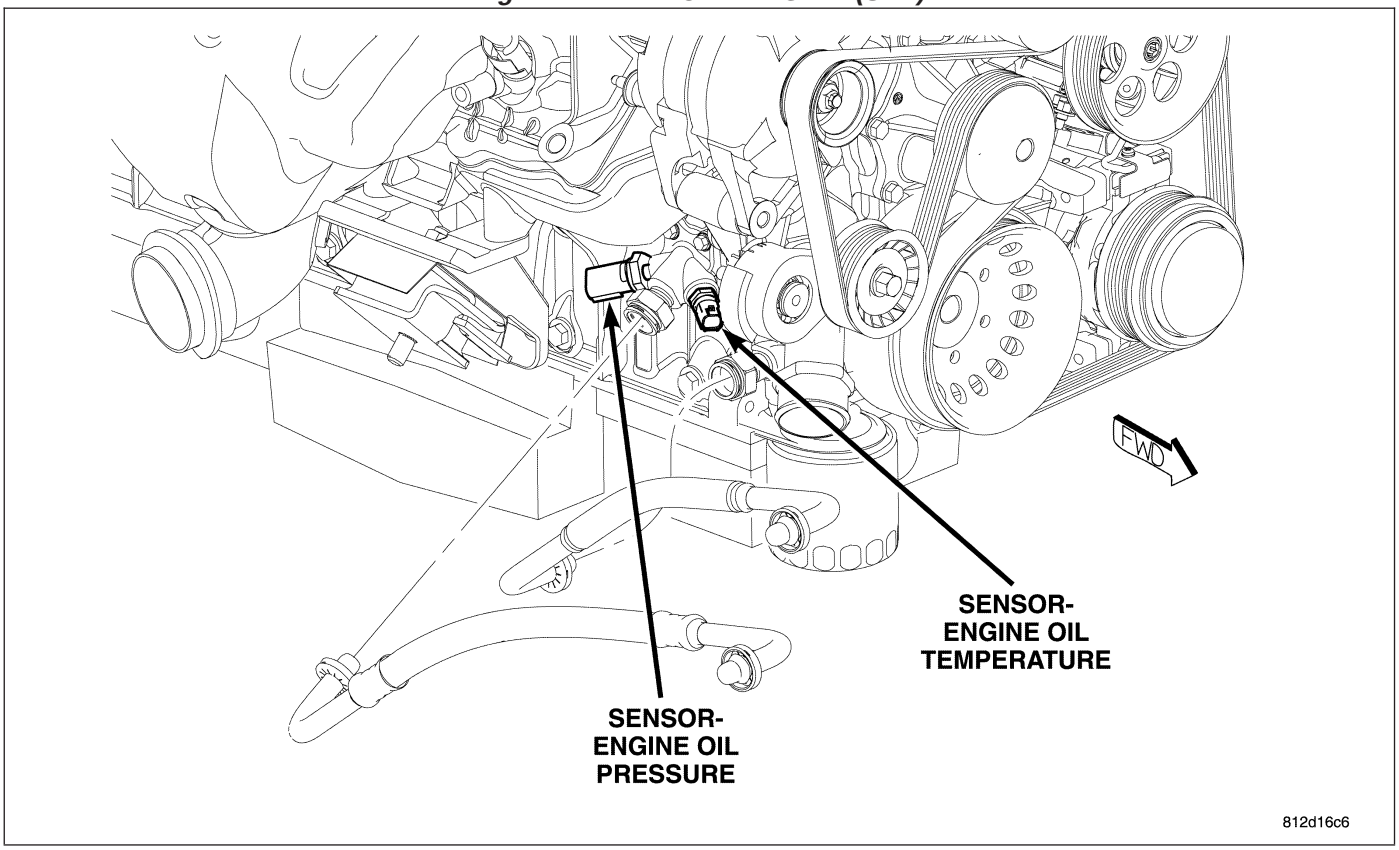


Fig. 15 RIGHT FRONT ENGINE (SRT)

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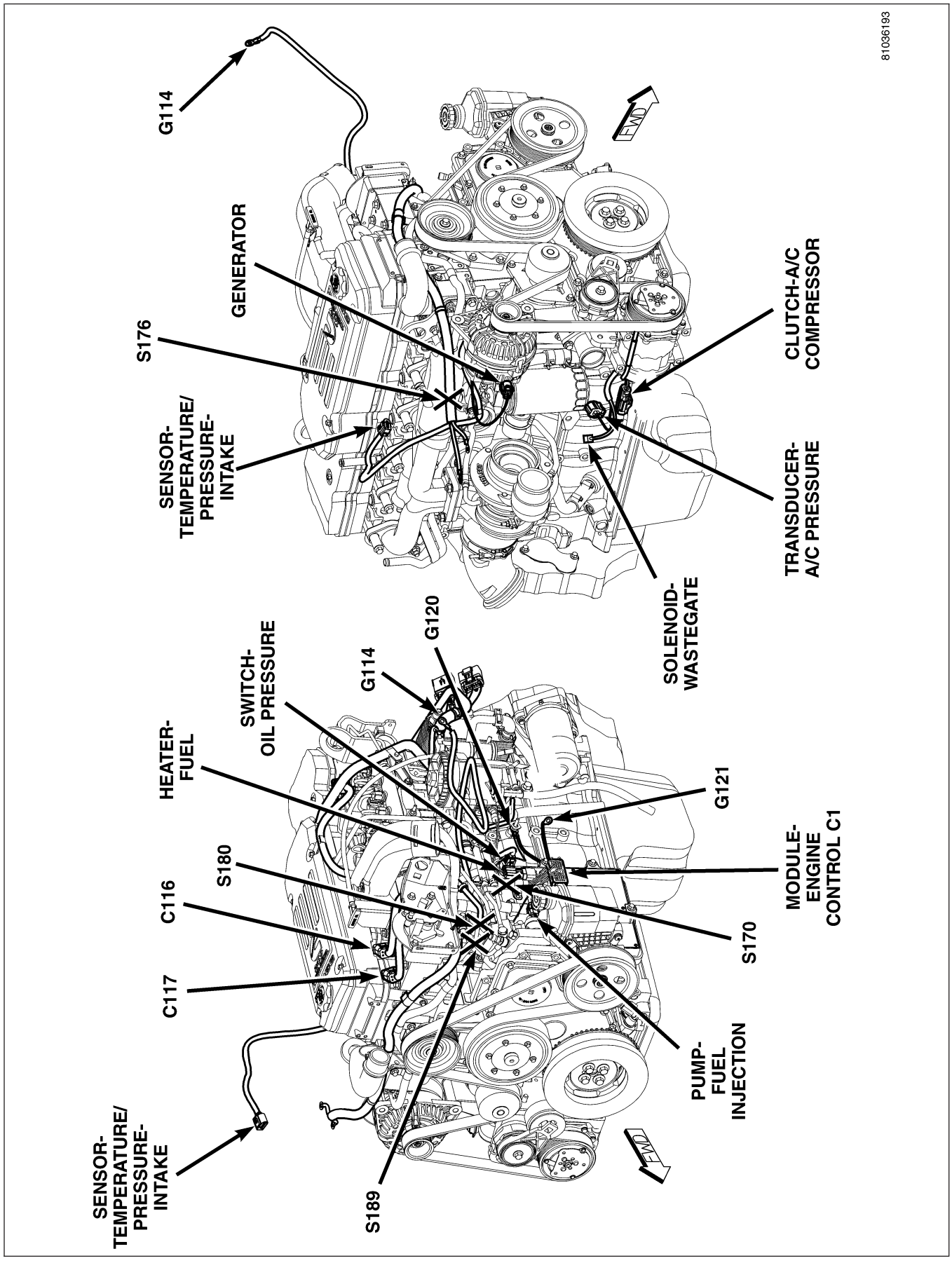


Fig. 16 ENGINE (DIESEL)

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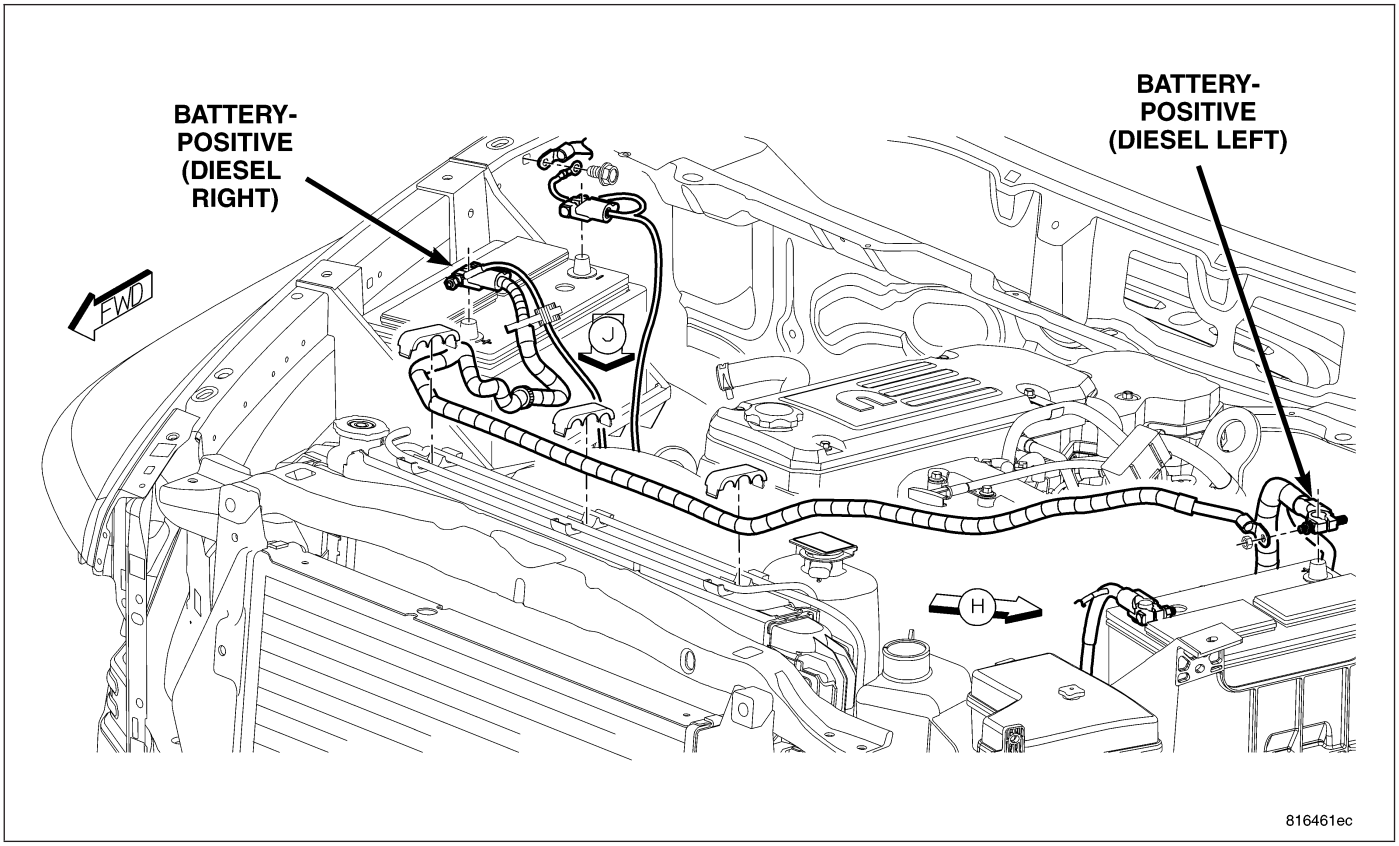


Fig. 17 DIESEL BATTERIES

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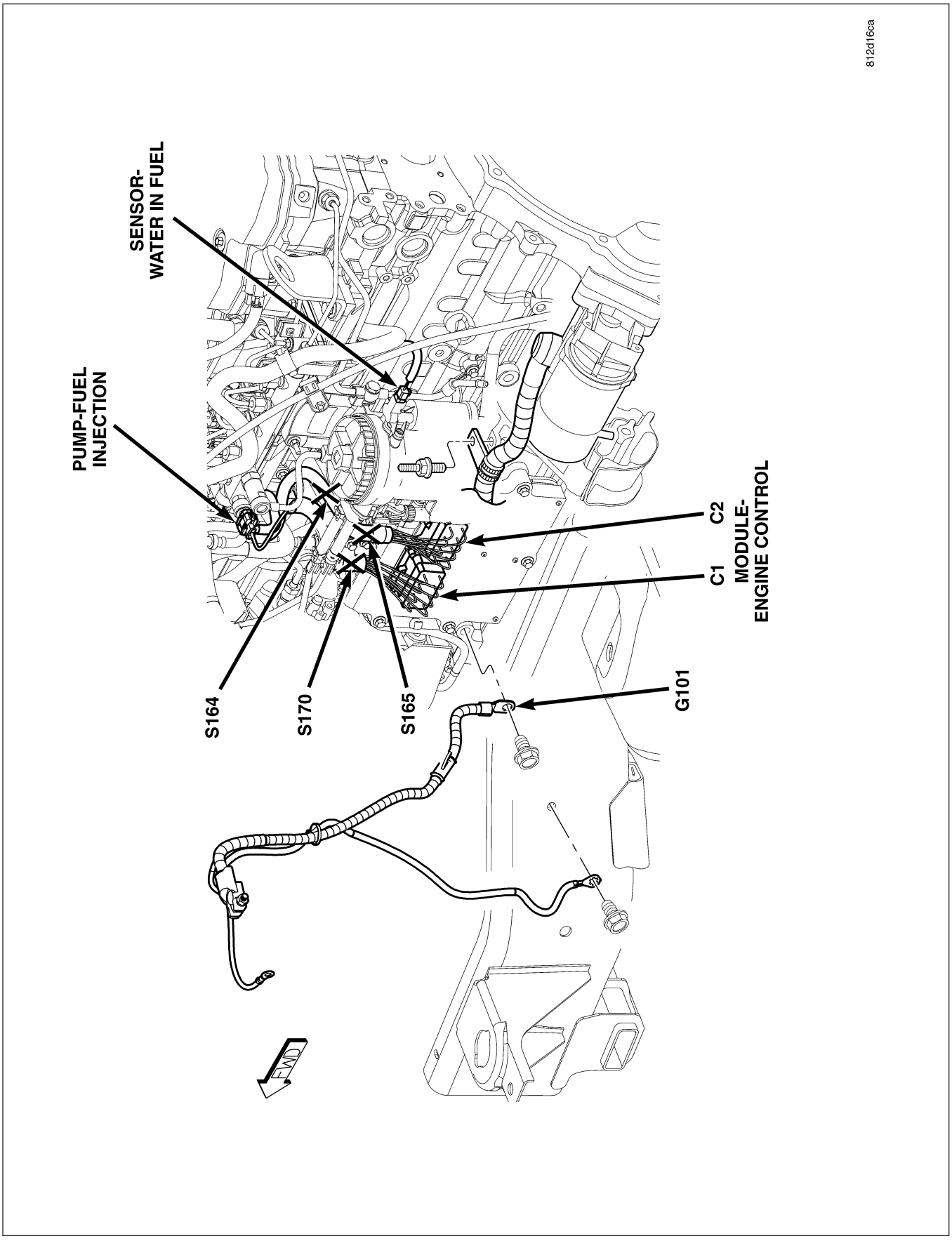


Fig. 18 LEFT SIDE ENGINE (DIESEL)

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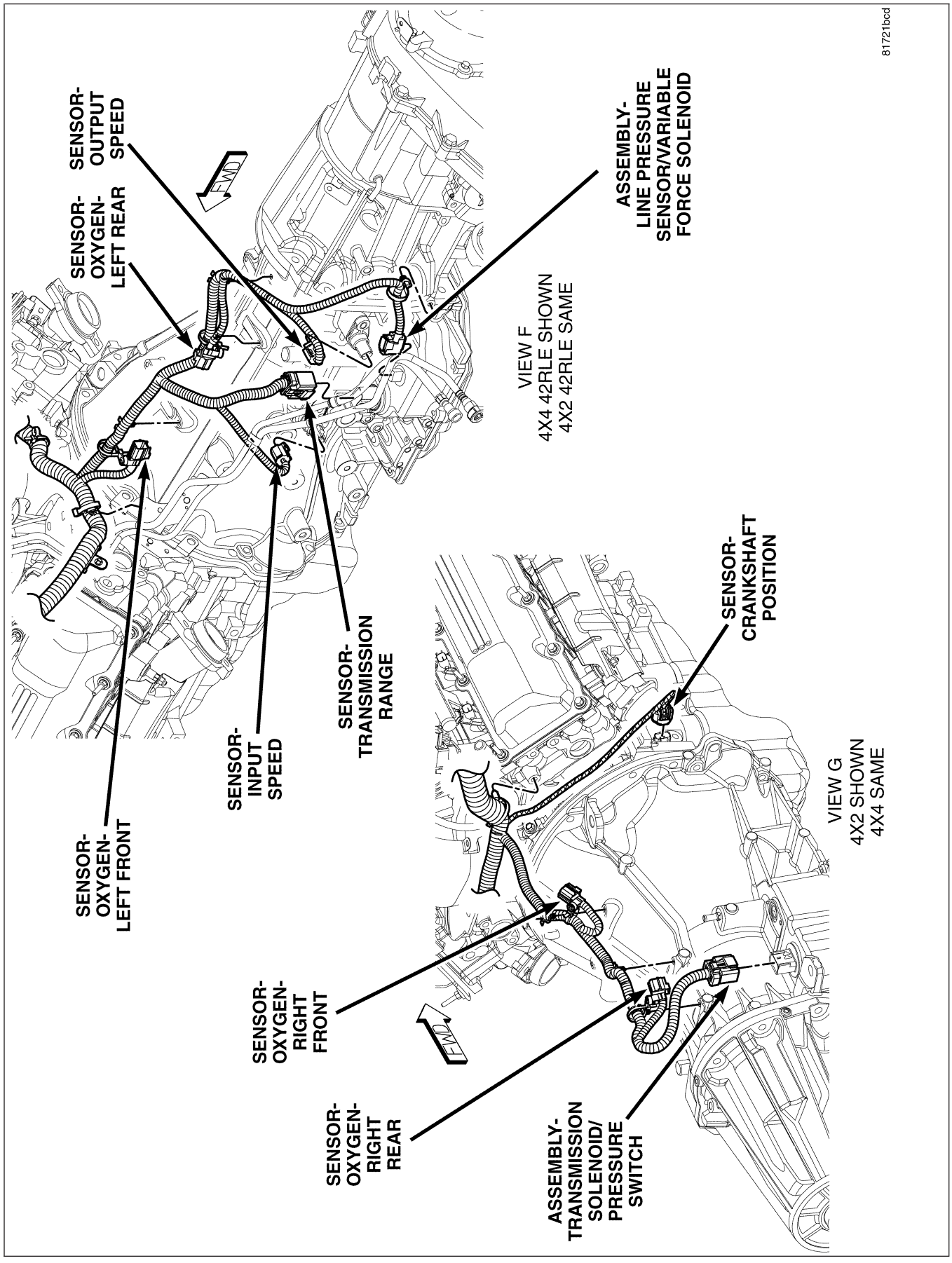


Fig. 19 AUTOMATIC TRANSMISSION (3.7L)

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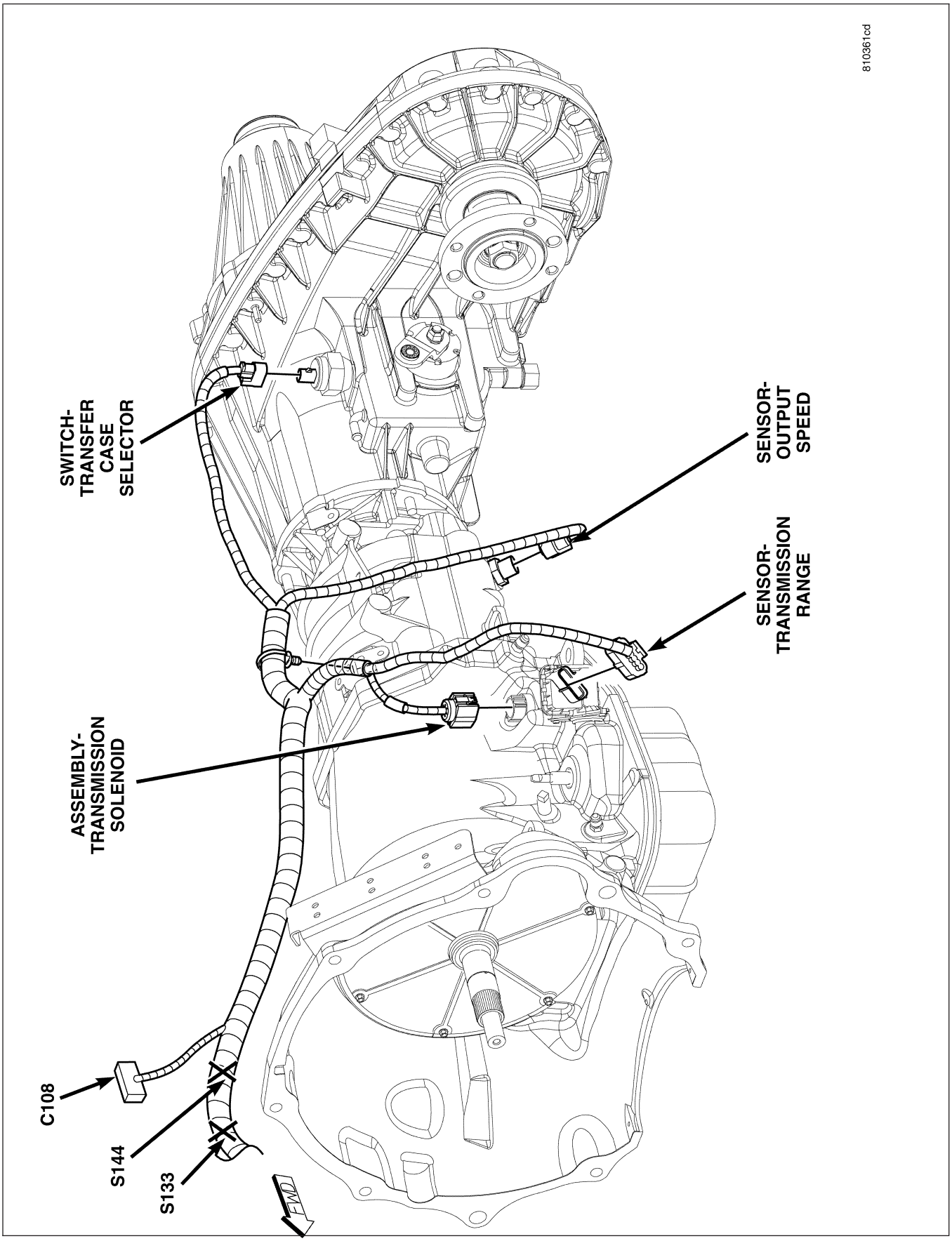


Fig. 20 AUTOMATIC TRANSMISSION (DIESEL)

https://truckmanualshub.com/

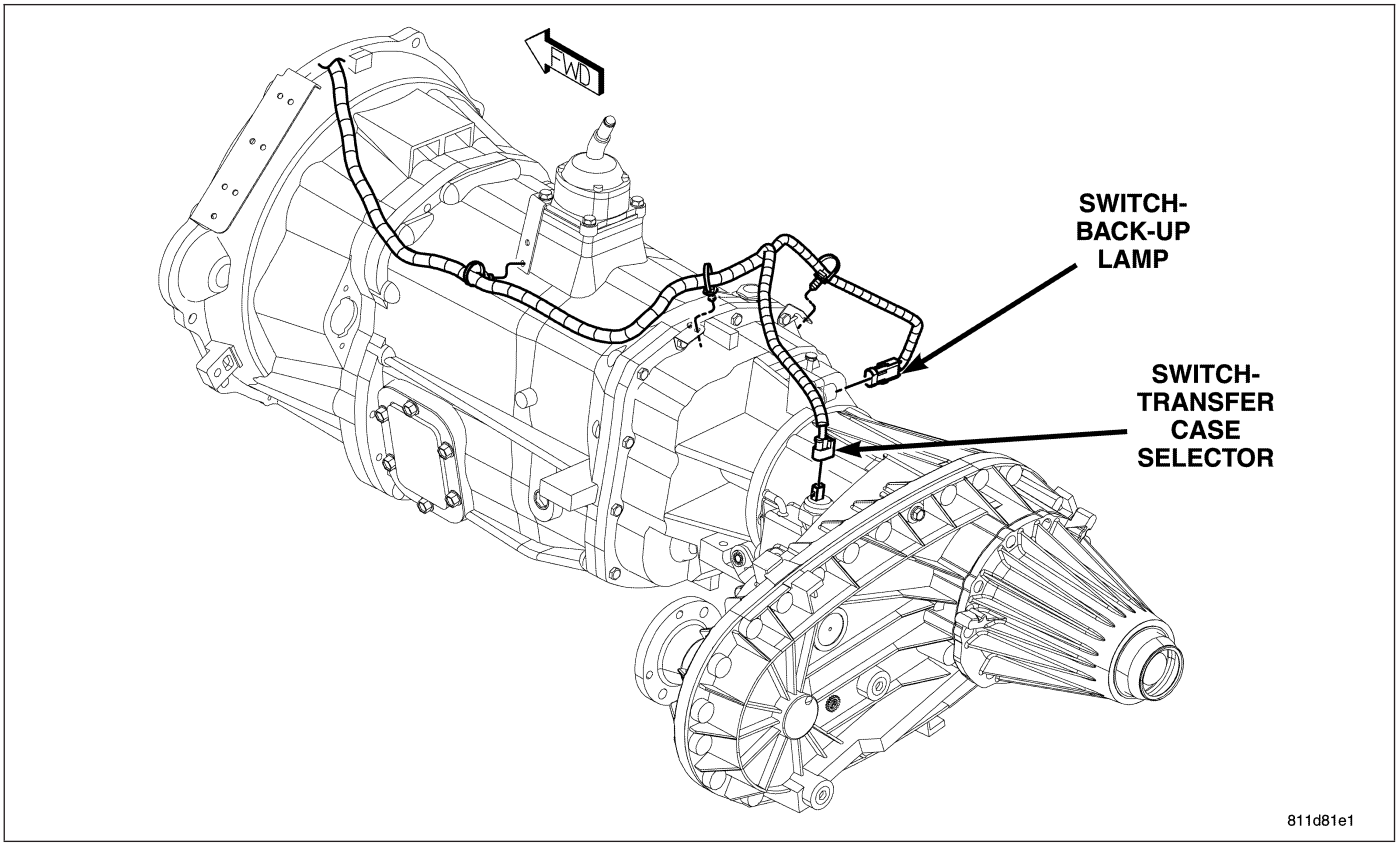


Fig. 21 MANUAL TRANSMISSION (DIESEL)

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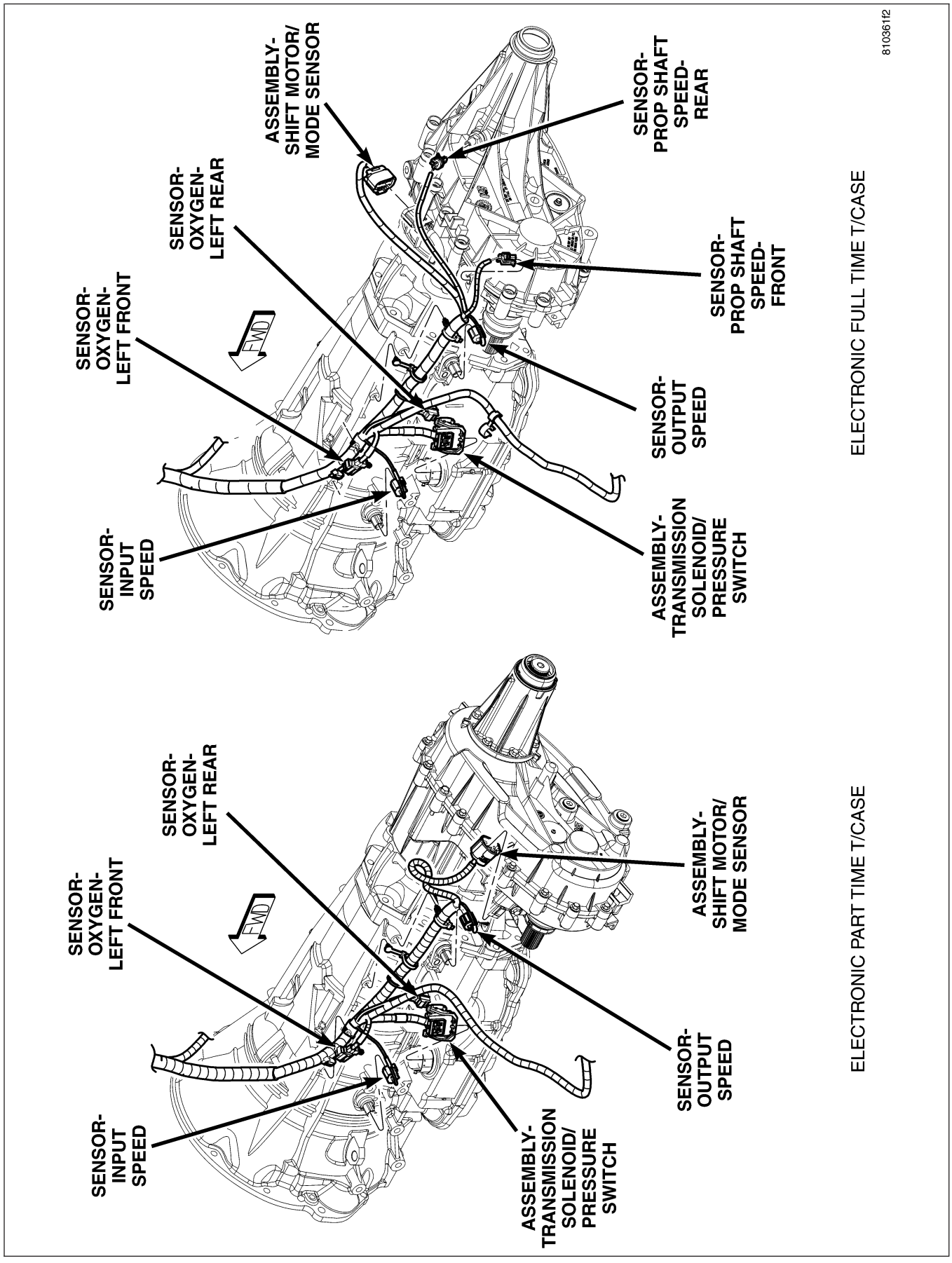


Fig. 22 LEFT TRANSMISSION (RFE)

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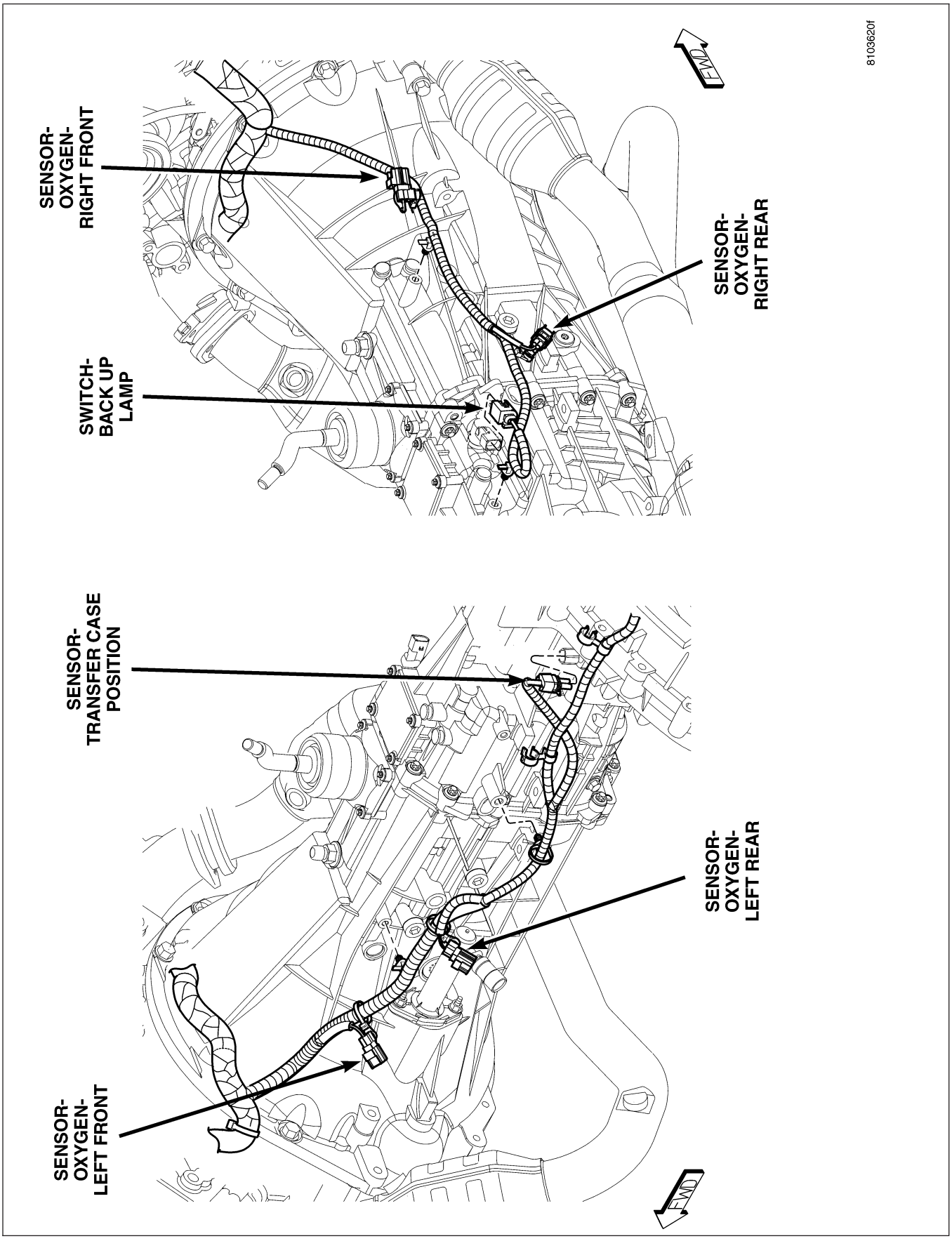


Fig. 23 MANUAL TRANSMISSION (4X4) (3.7L/4.7L)

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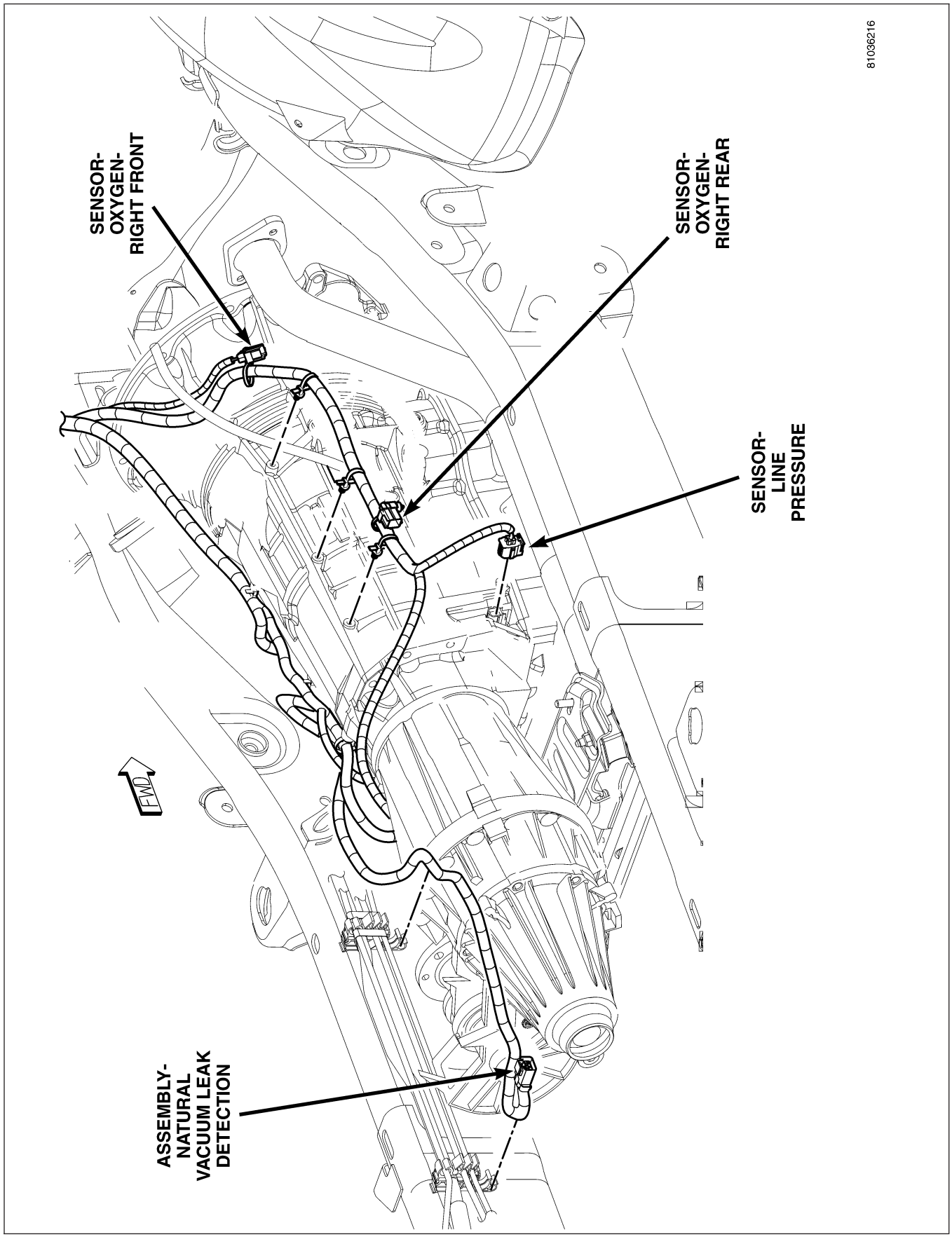


Fig. 24 RIGHT TRANSMISSION (RFE)

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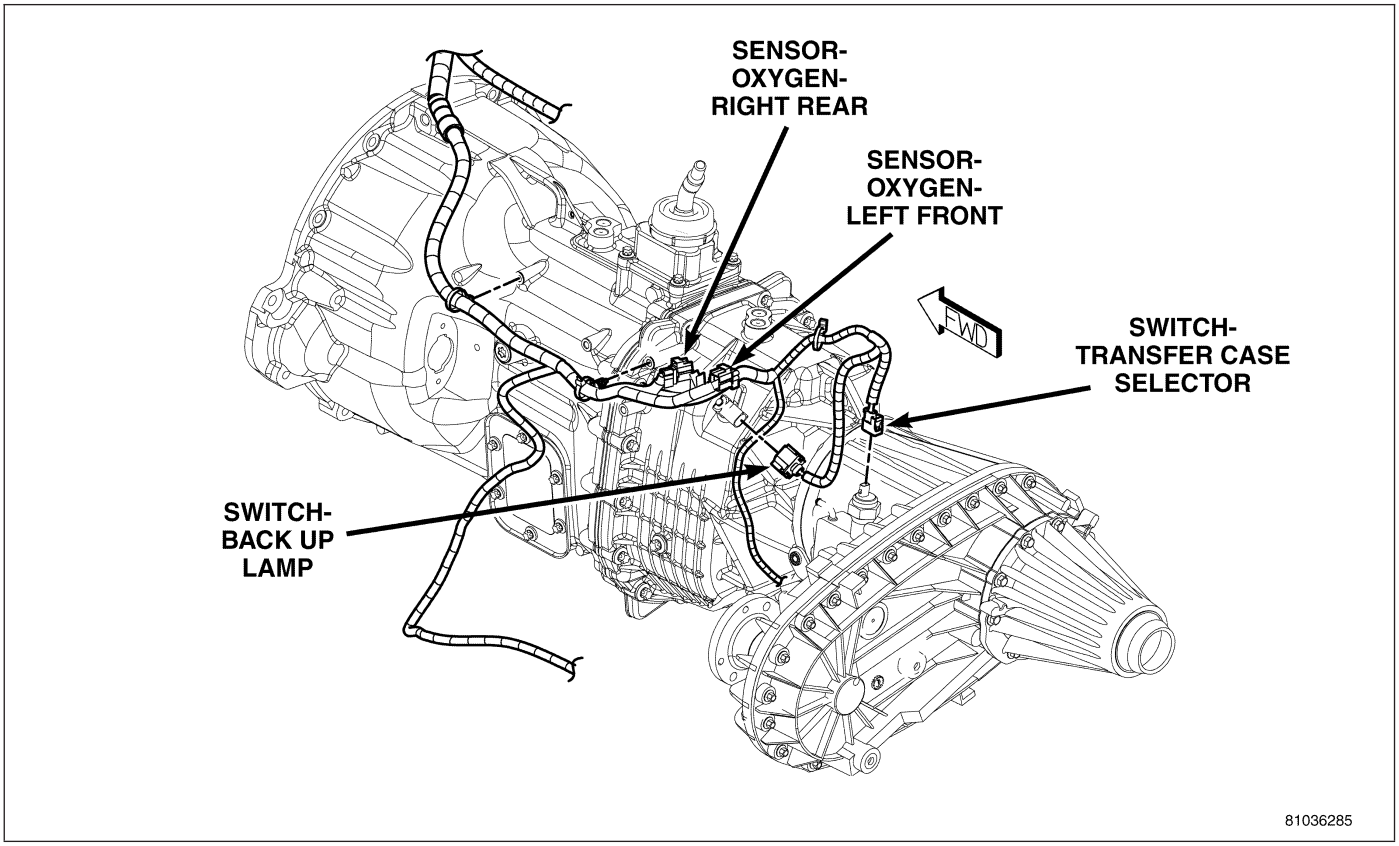


Fig. 25 MANUAL TRANSMISSION - 5.7L/DIESEL (EXCEPT ETC)

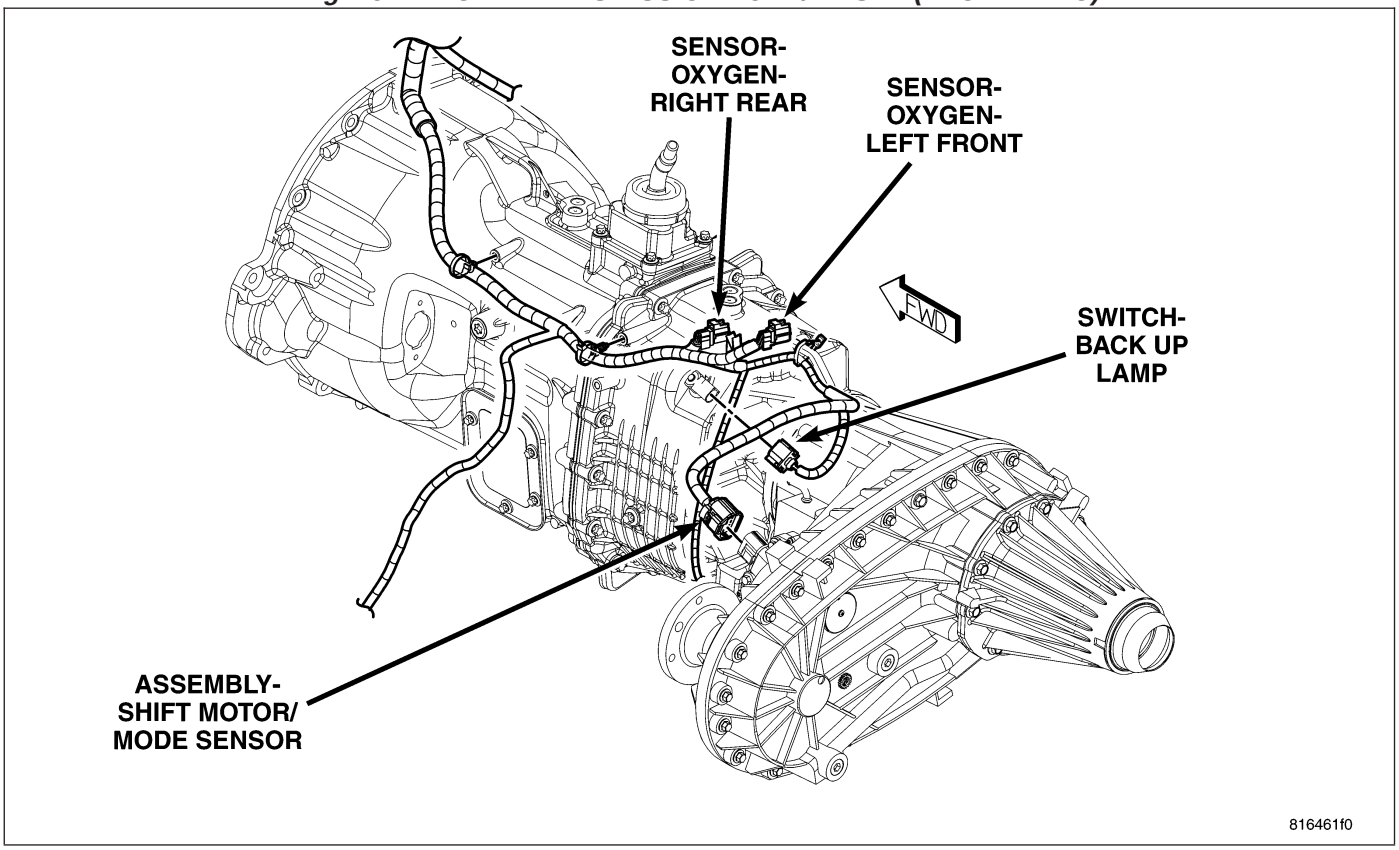


Fig. 26 MANUAL TRANSMISSION (5.7L/DIESEL) (ETC)

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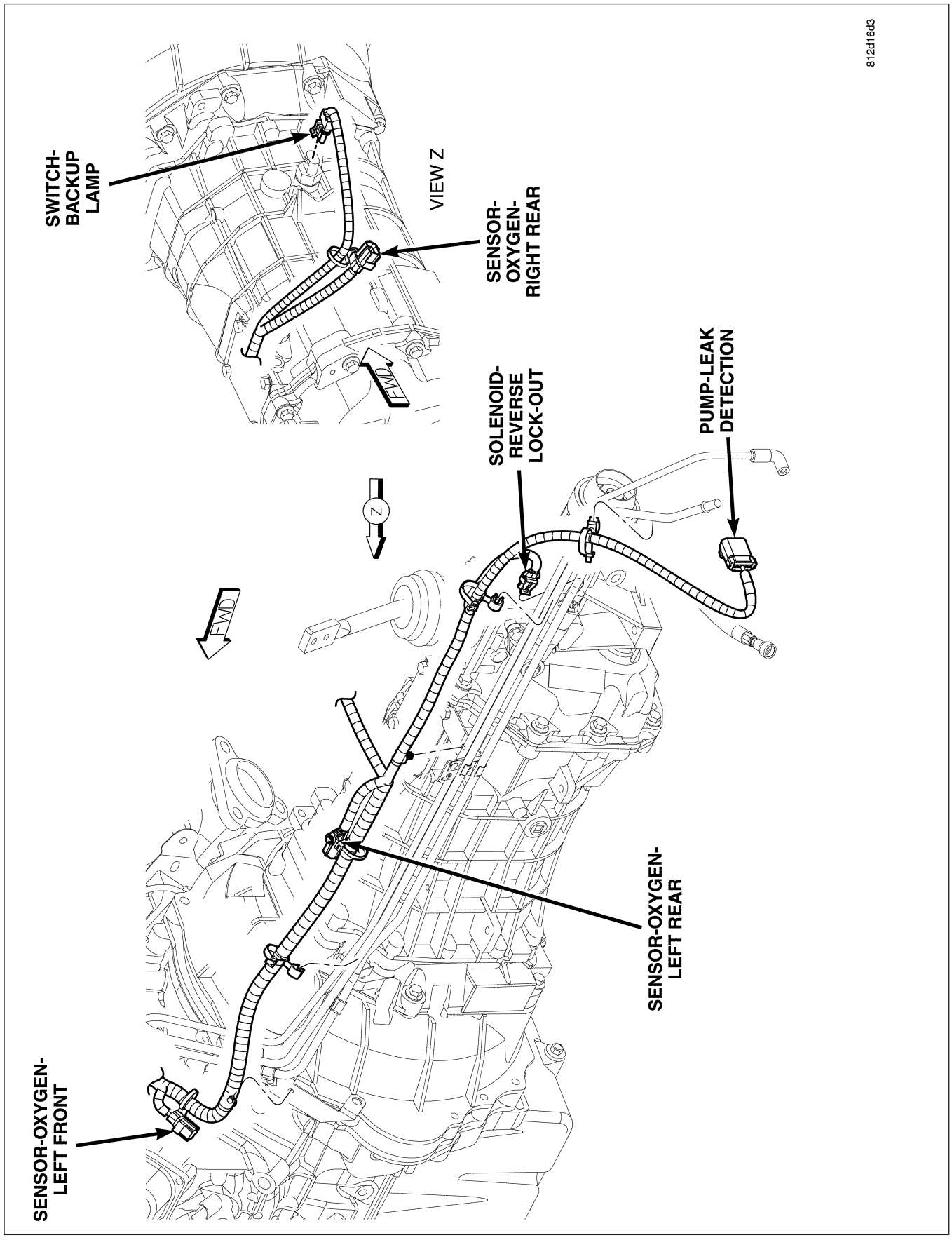


Fig. 27 MANUAL TRANSMISSION (SRT)

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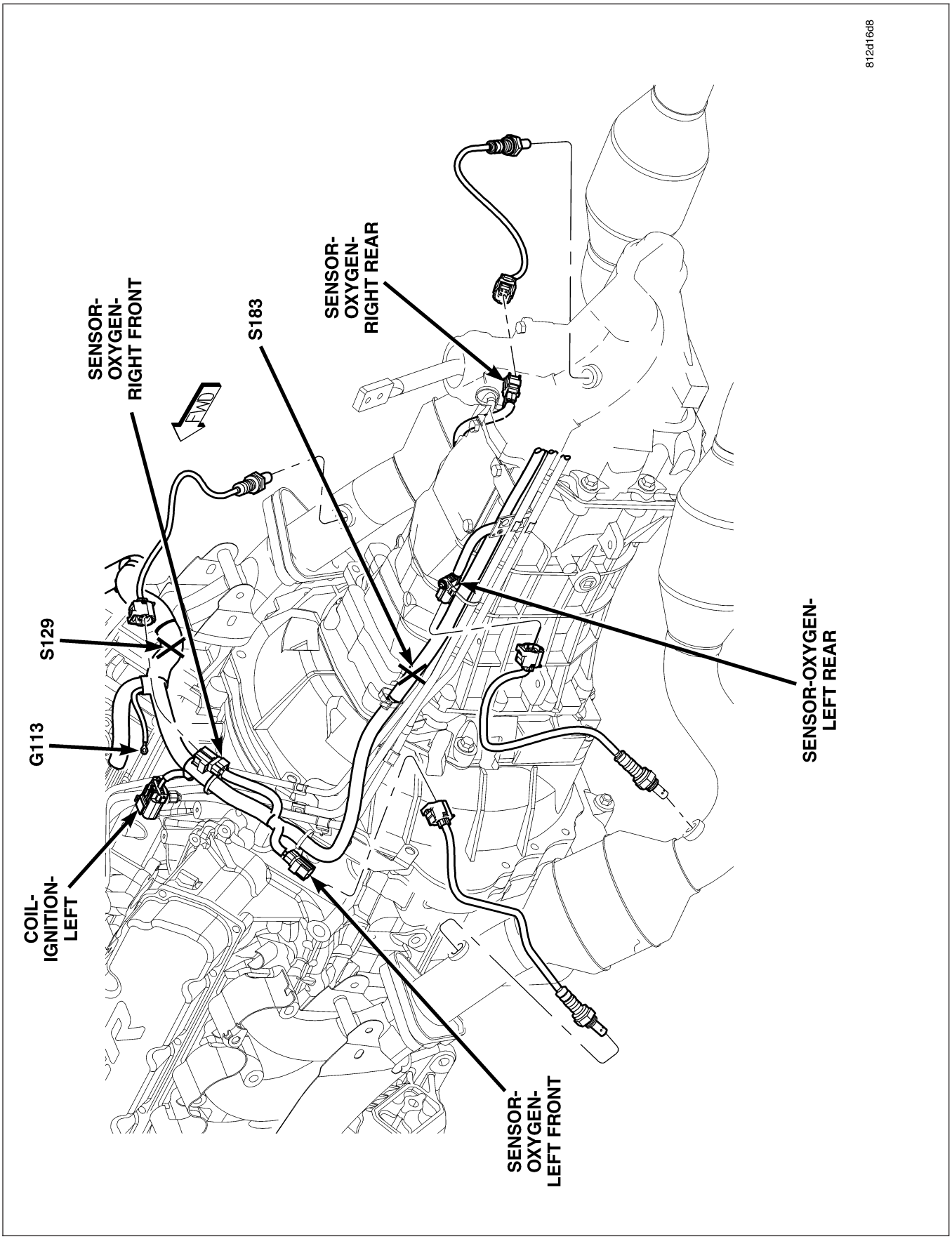


Fig. 28 TRANSMISSION AND EXHAUST (SRT)

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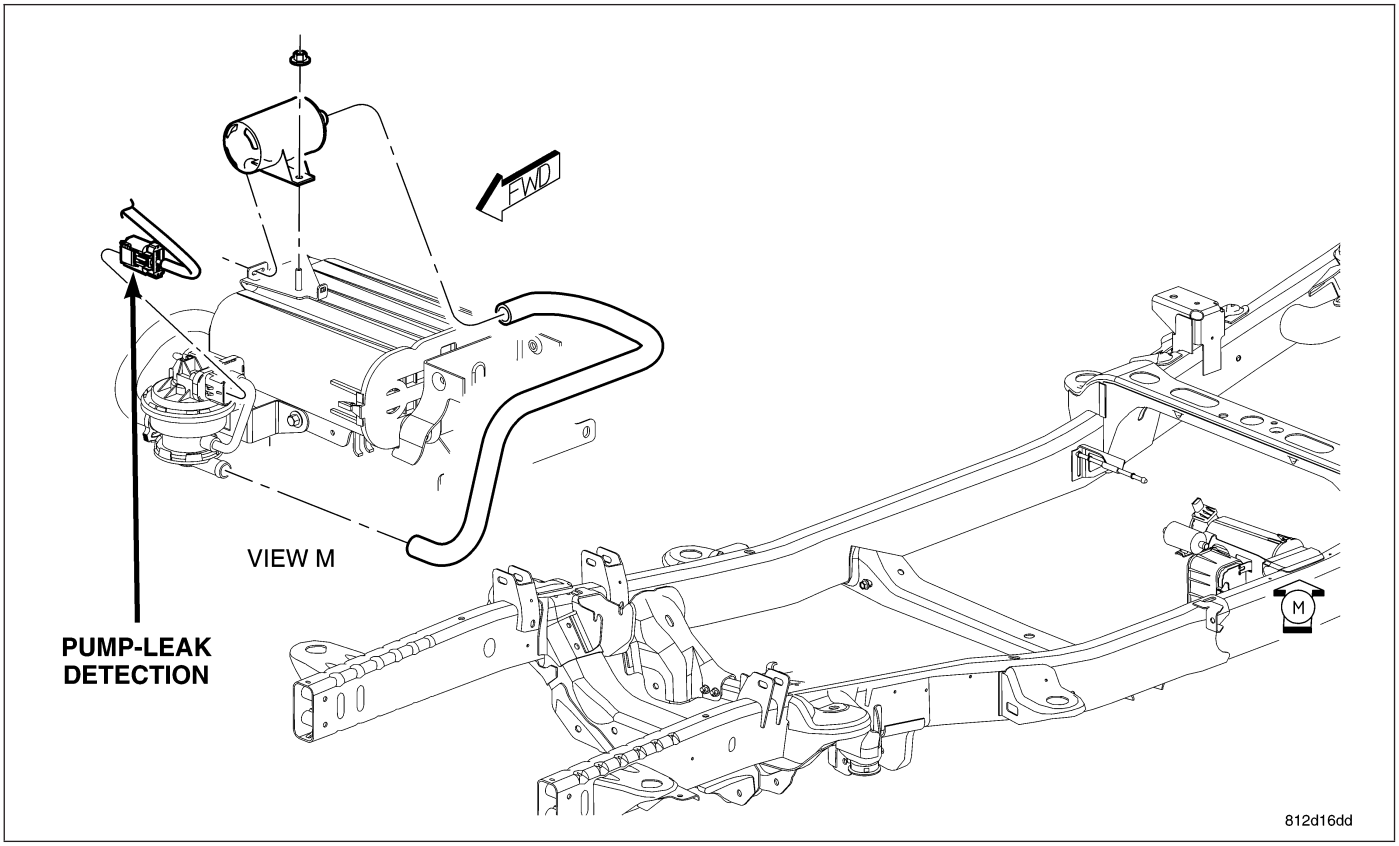


Fig. 29 LEFT SIDE FRAME (SRT)

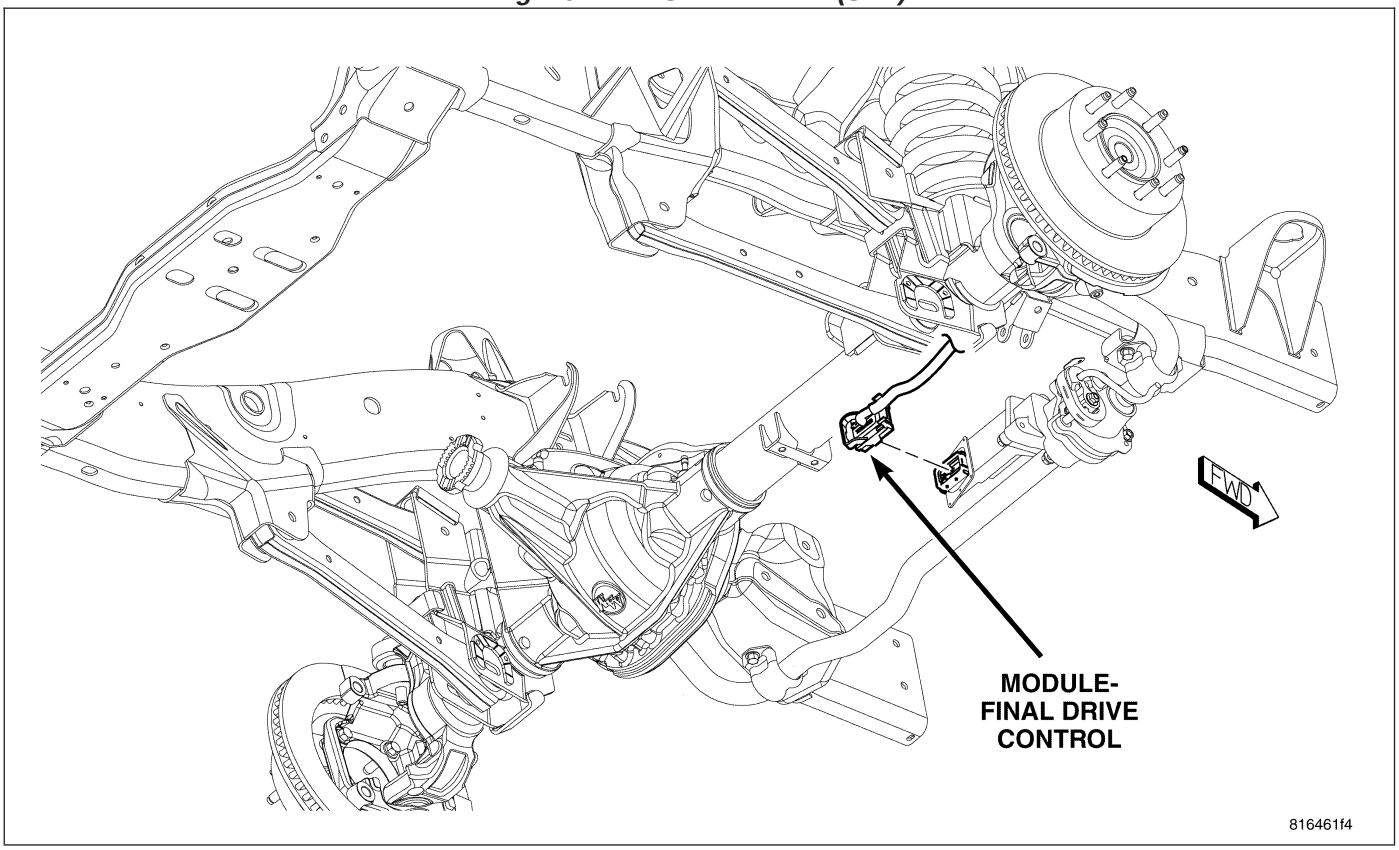


Fig. 30 FRONT STABILIZER BAR (POWER WAGON)

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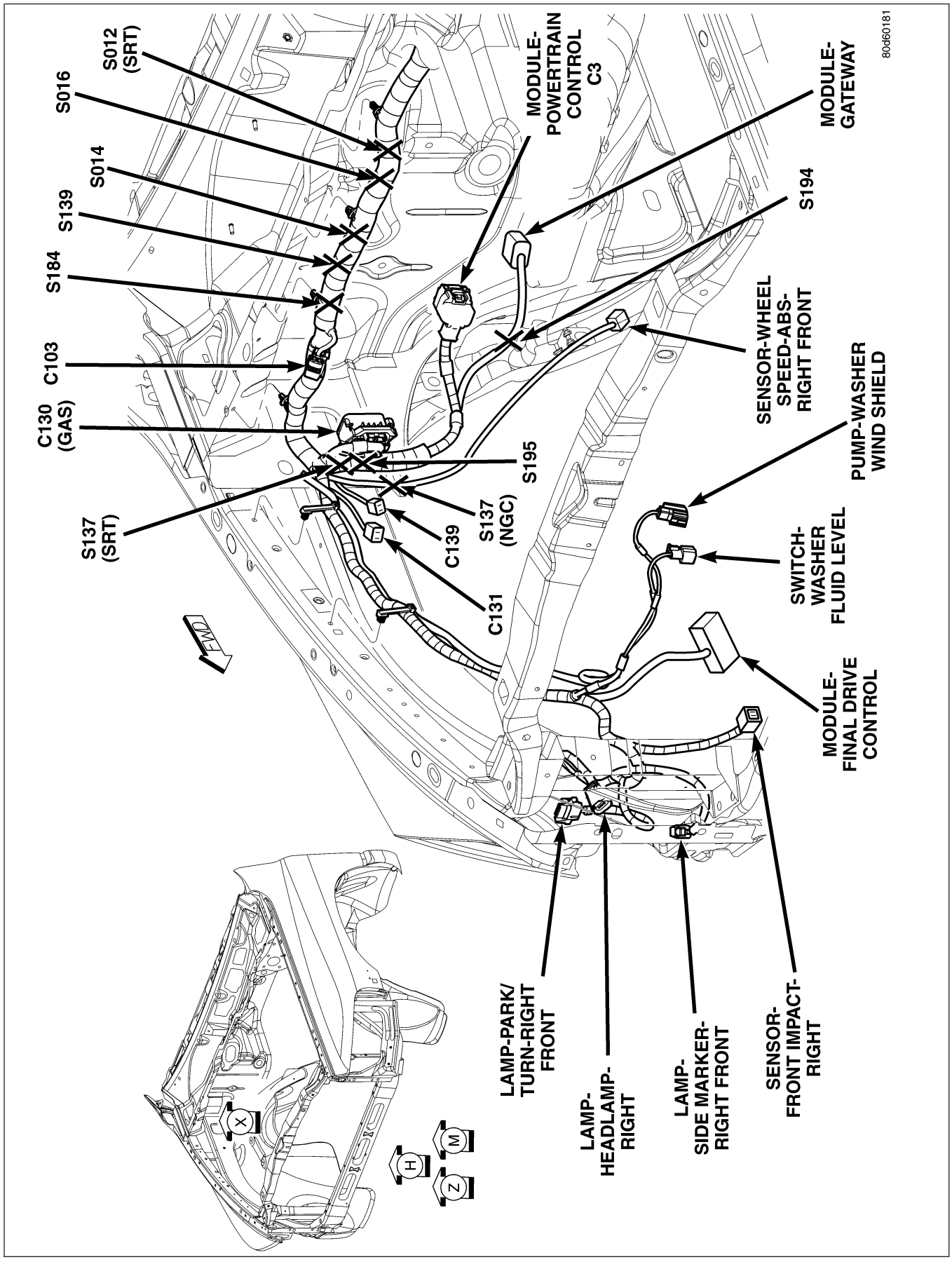


Fig. 31 RIGHT SIDE ENGINE COMPARTMENT

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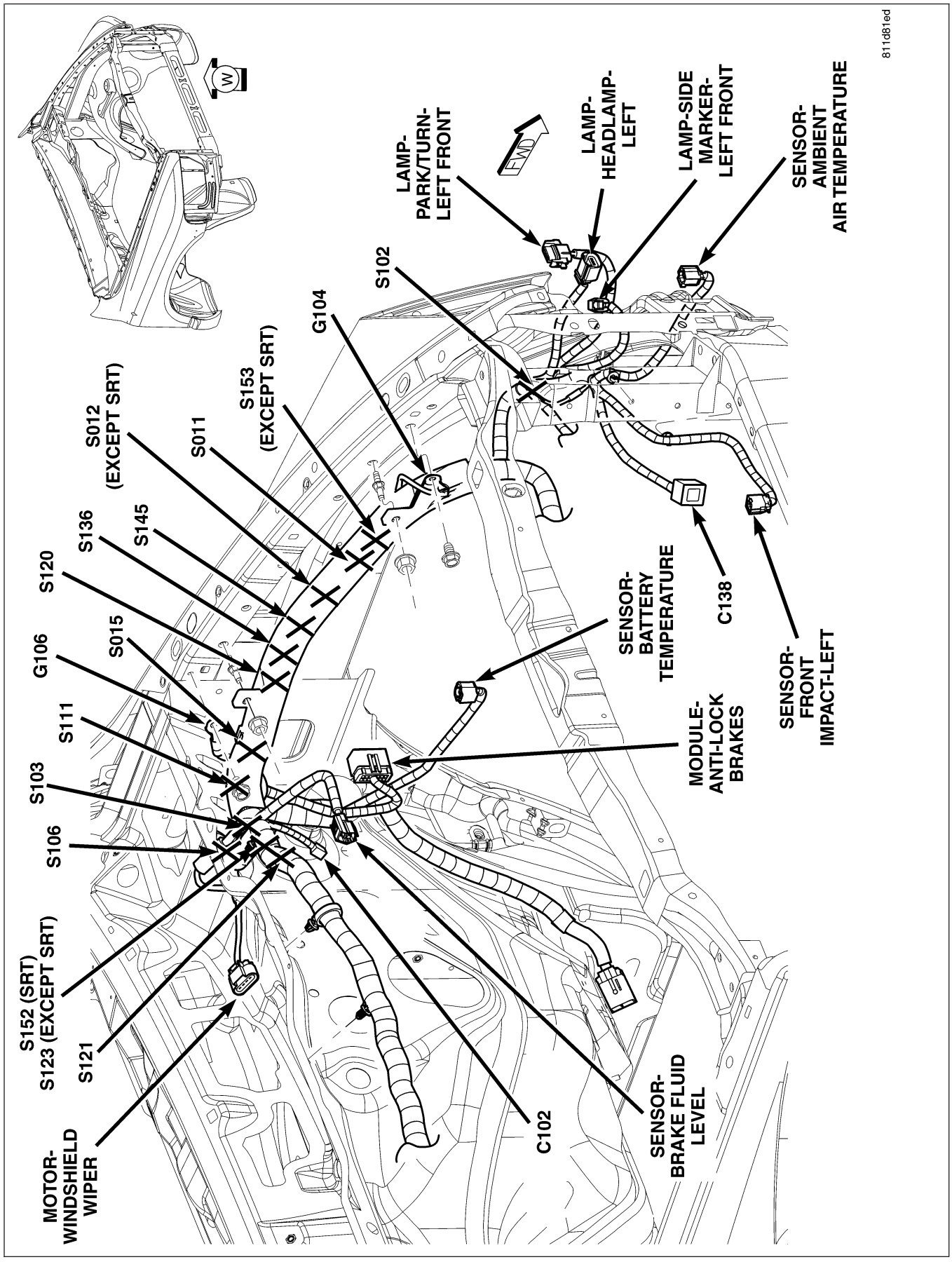


Fig. 32 LEFT ENGINE COMPARTMENT

https://truckmanualshub.com/

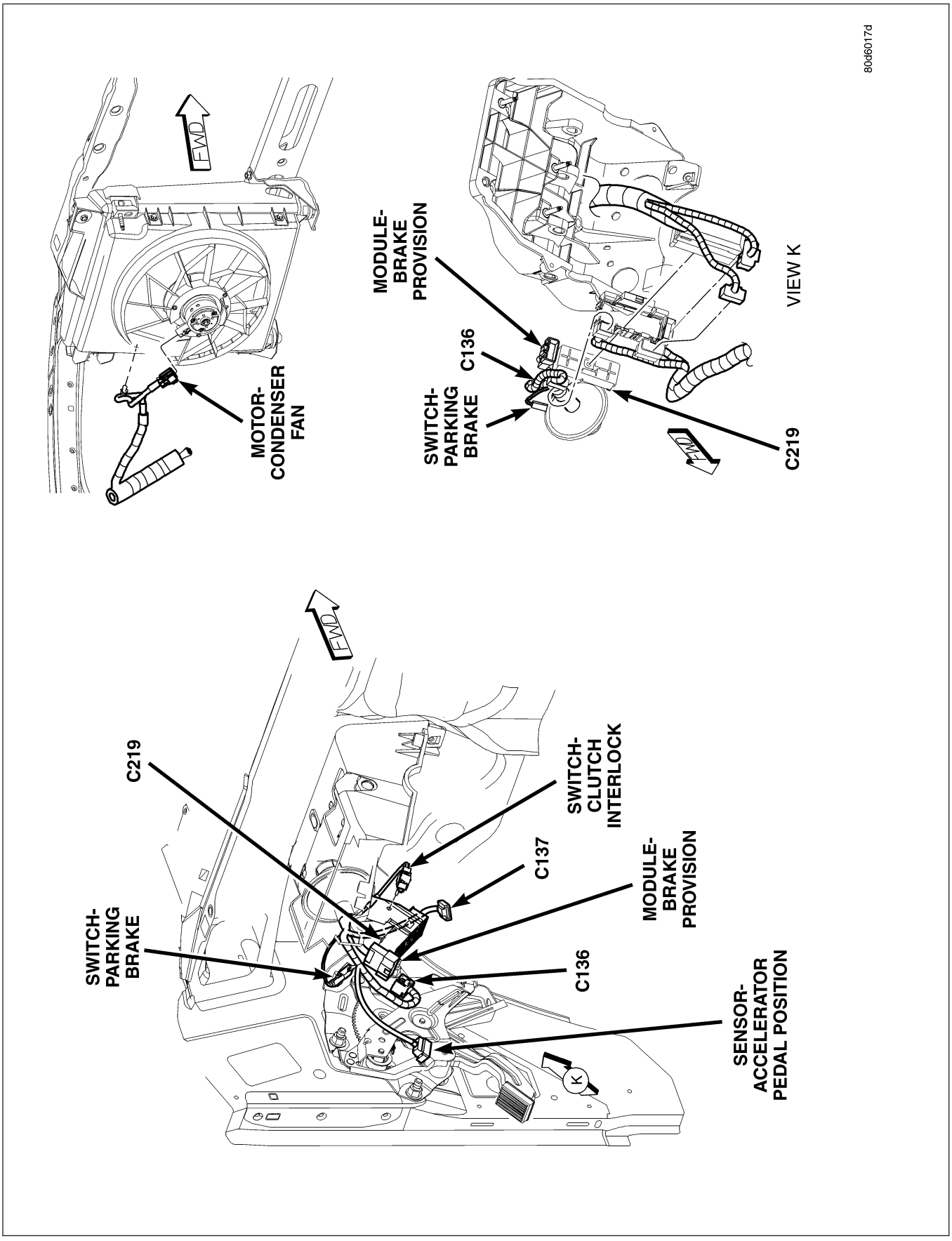


Fig. 33 ENGINE COMPARTMENT

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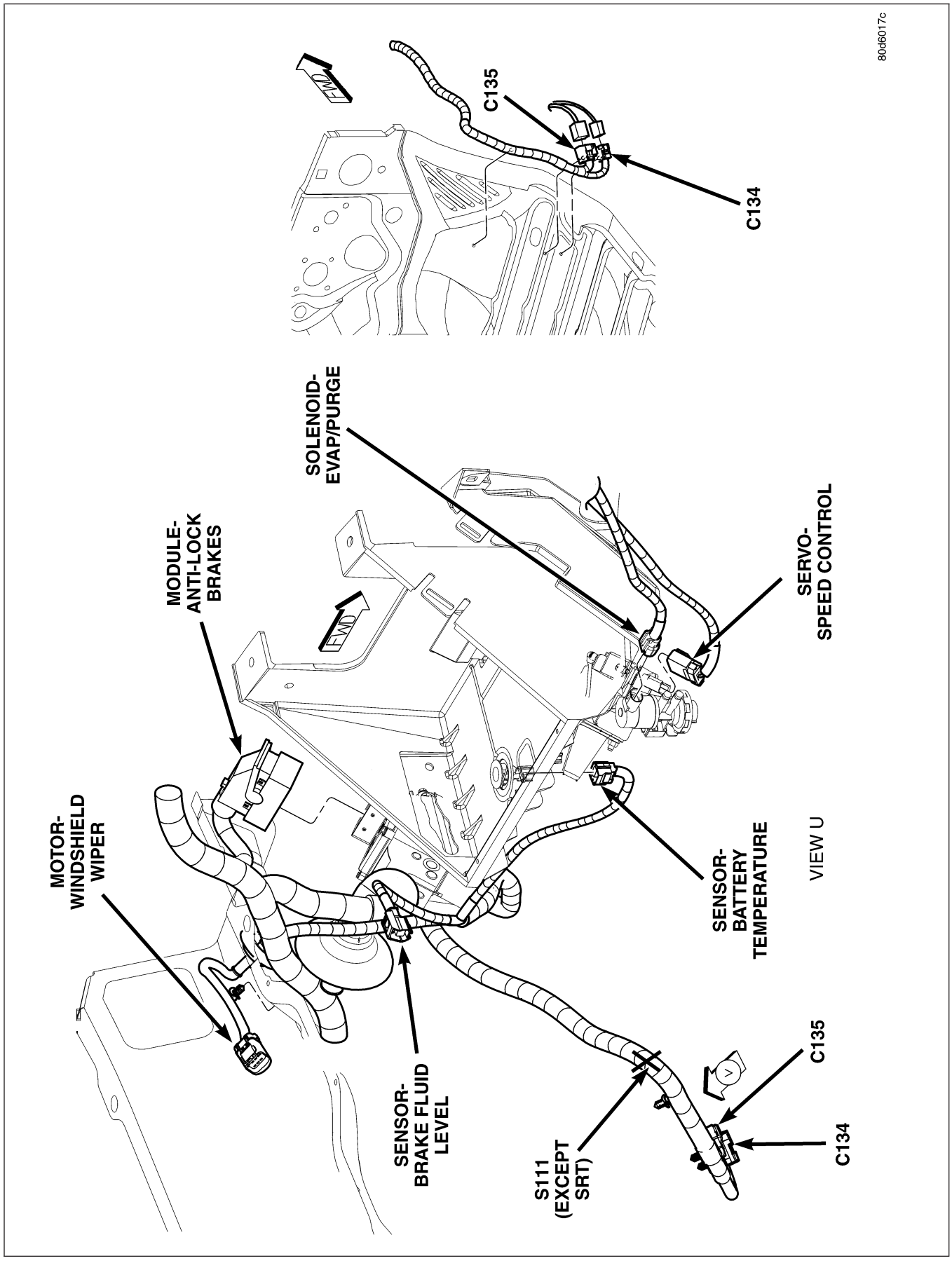


Fig. 34 LEFT SIDE ENGINE COMPARTMENT

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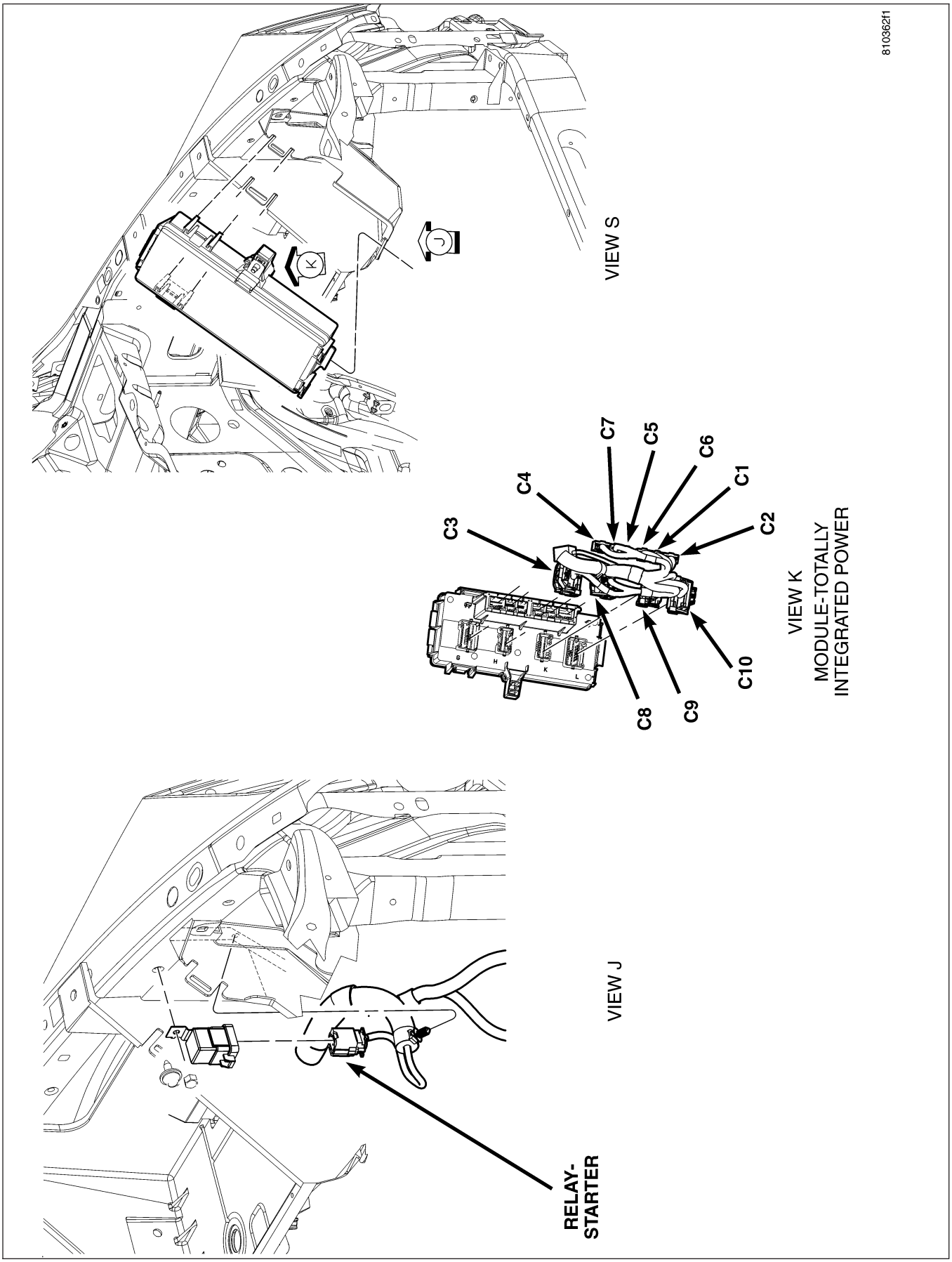


Fig. 35 LEFT FRONT ENGINE COMPARTMENT

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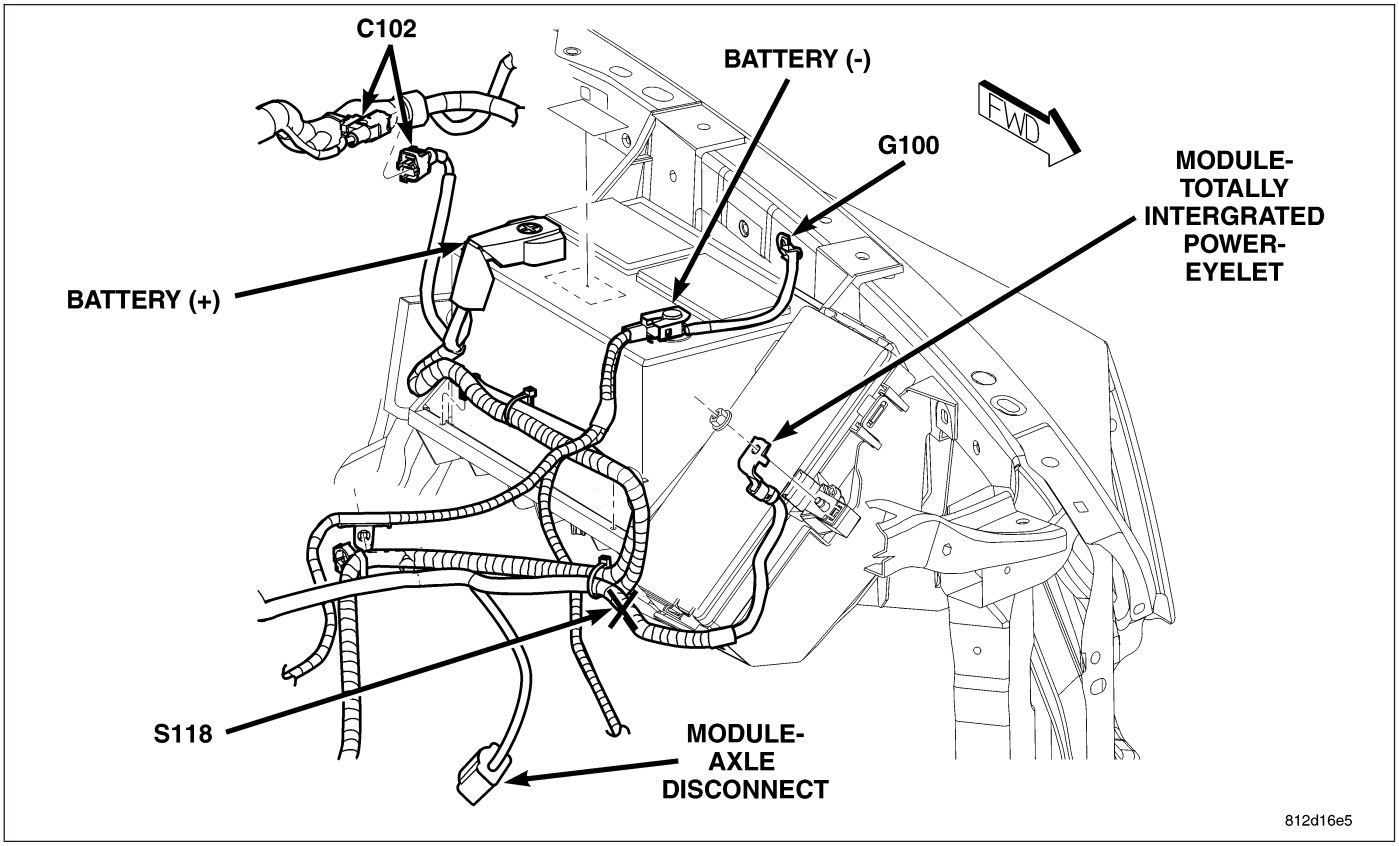


Fig. 36 BATTERY

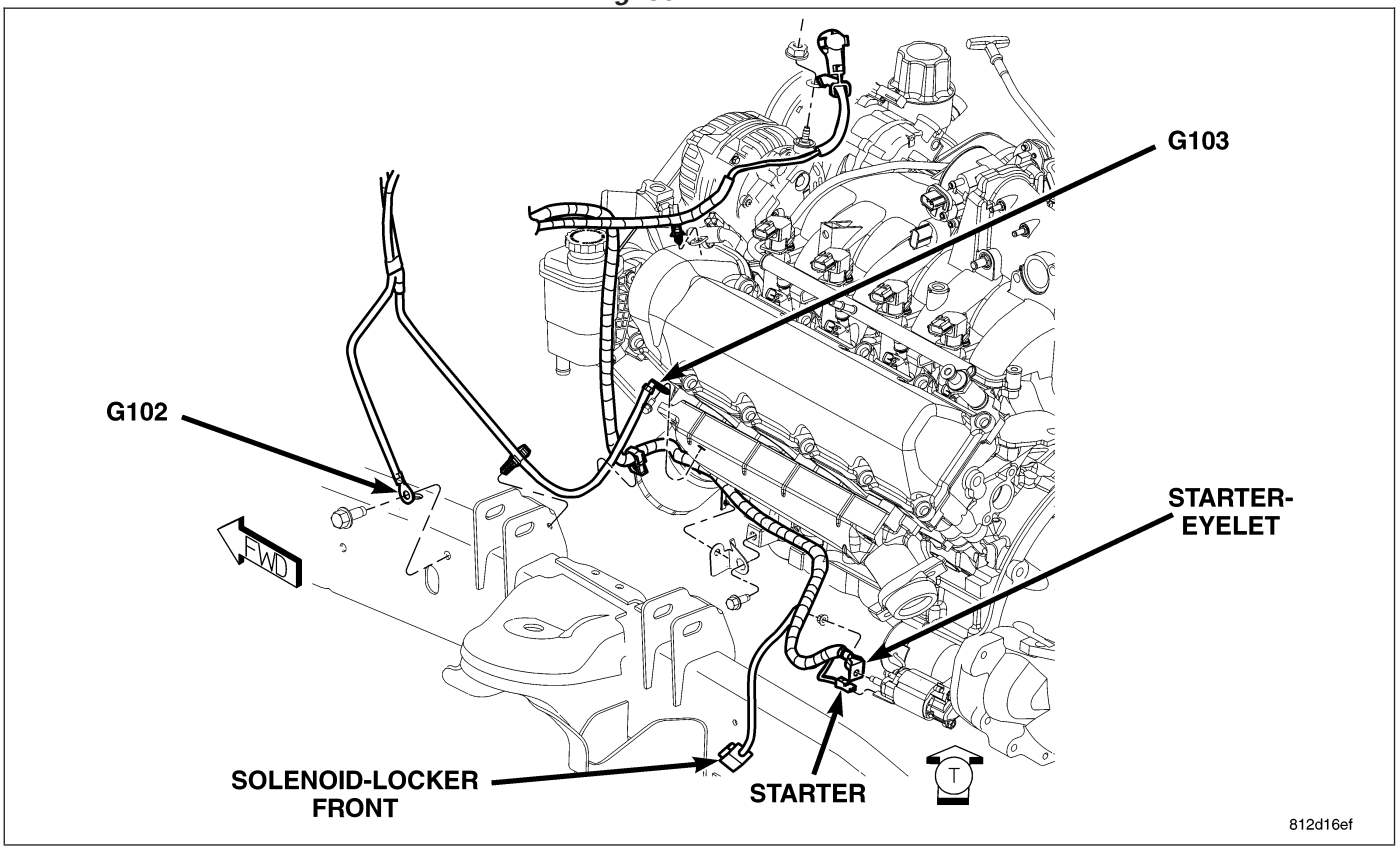


Fig. 37 LEFT GROUNDS AND STARTER

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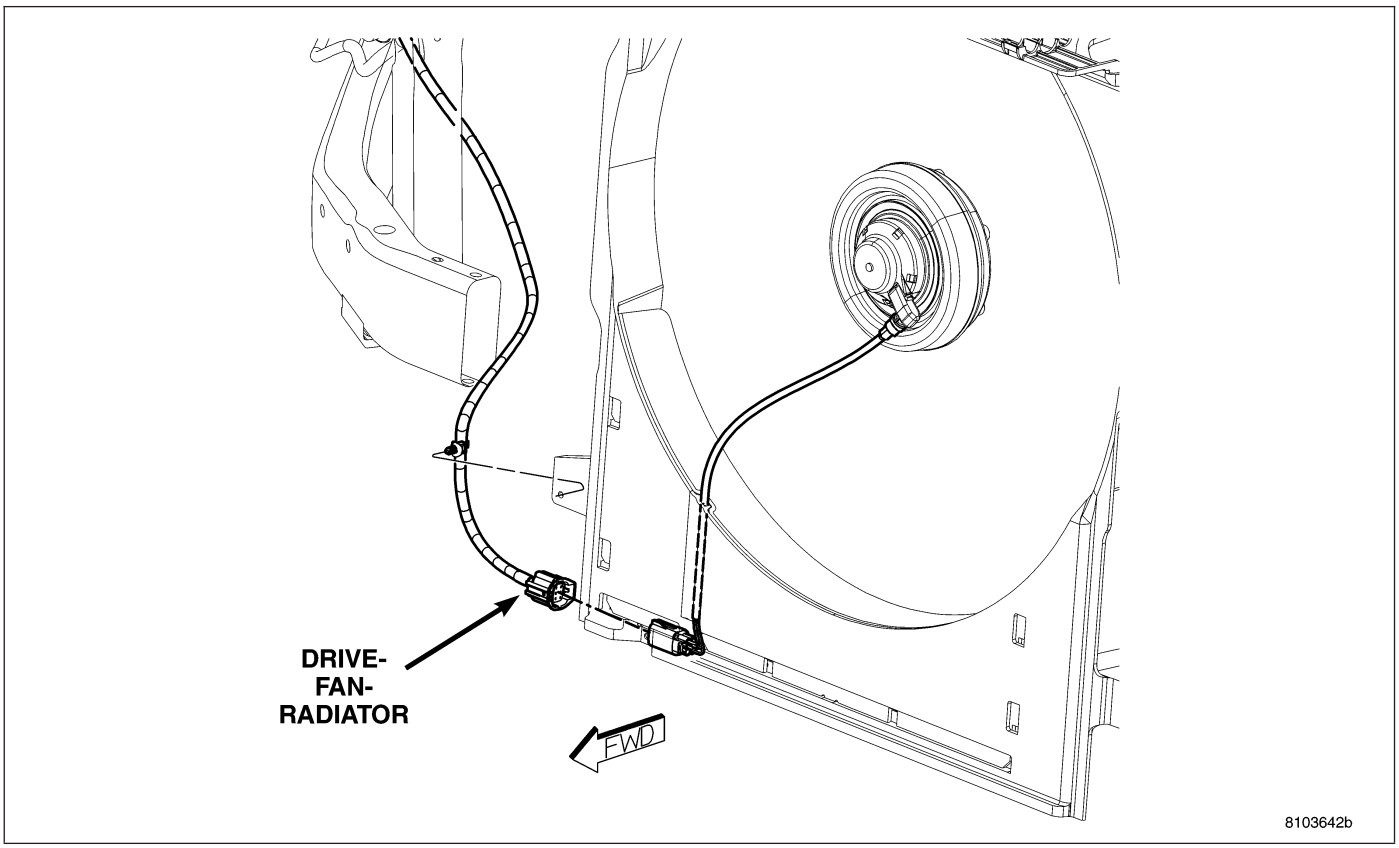


Fig. 38 FRONT ENGINE COMPARTMENT

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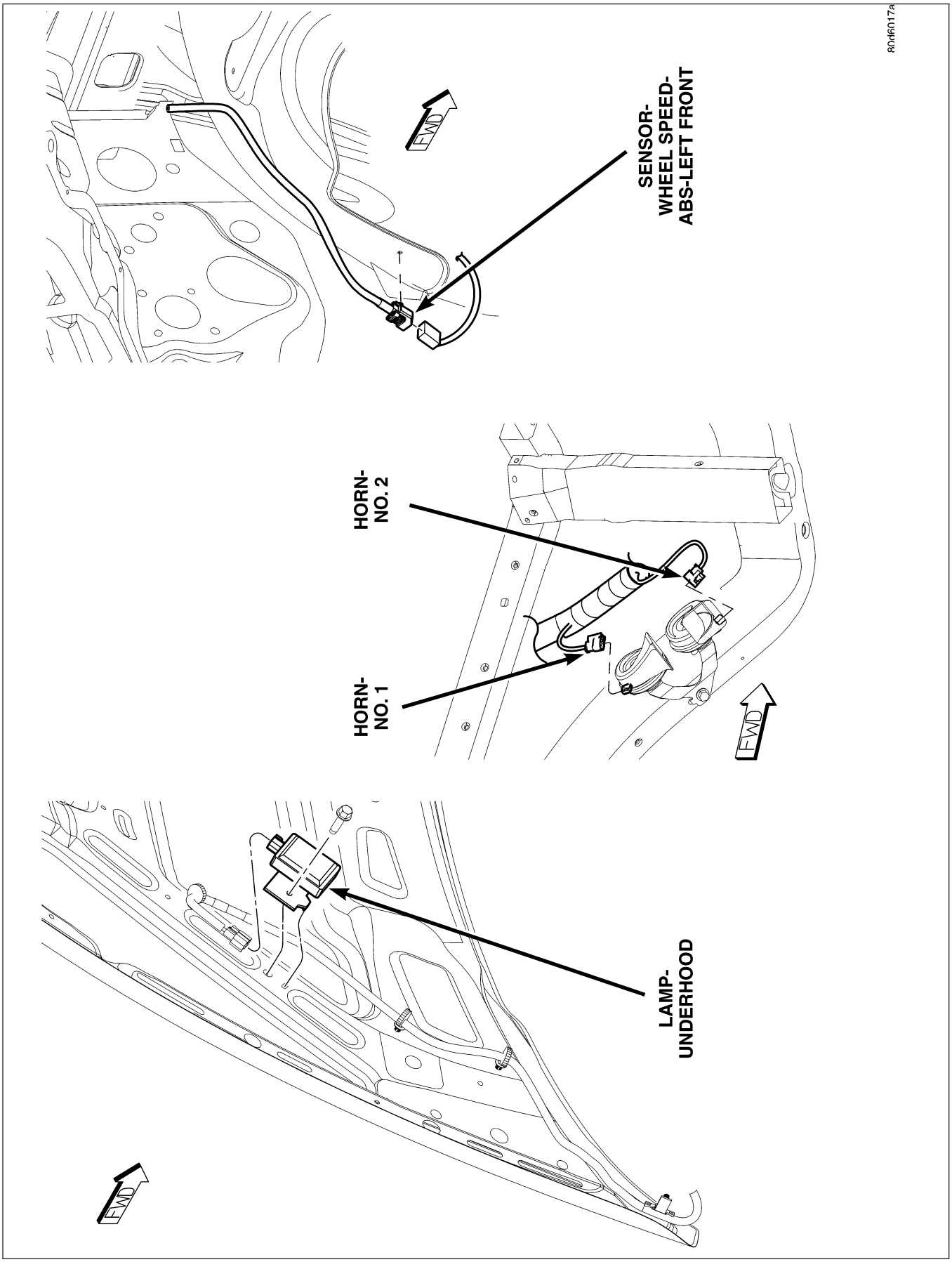


Fig. 39 LEFT SIDE ENGINE COMPARTMENT

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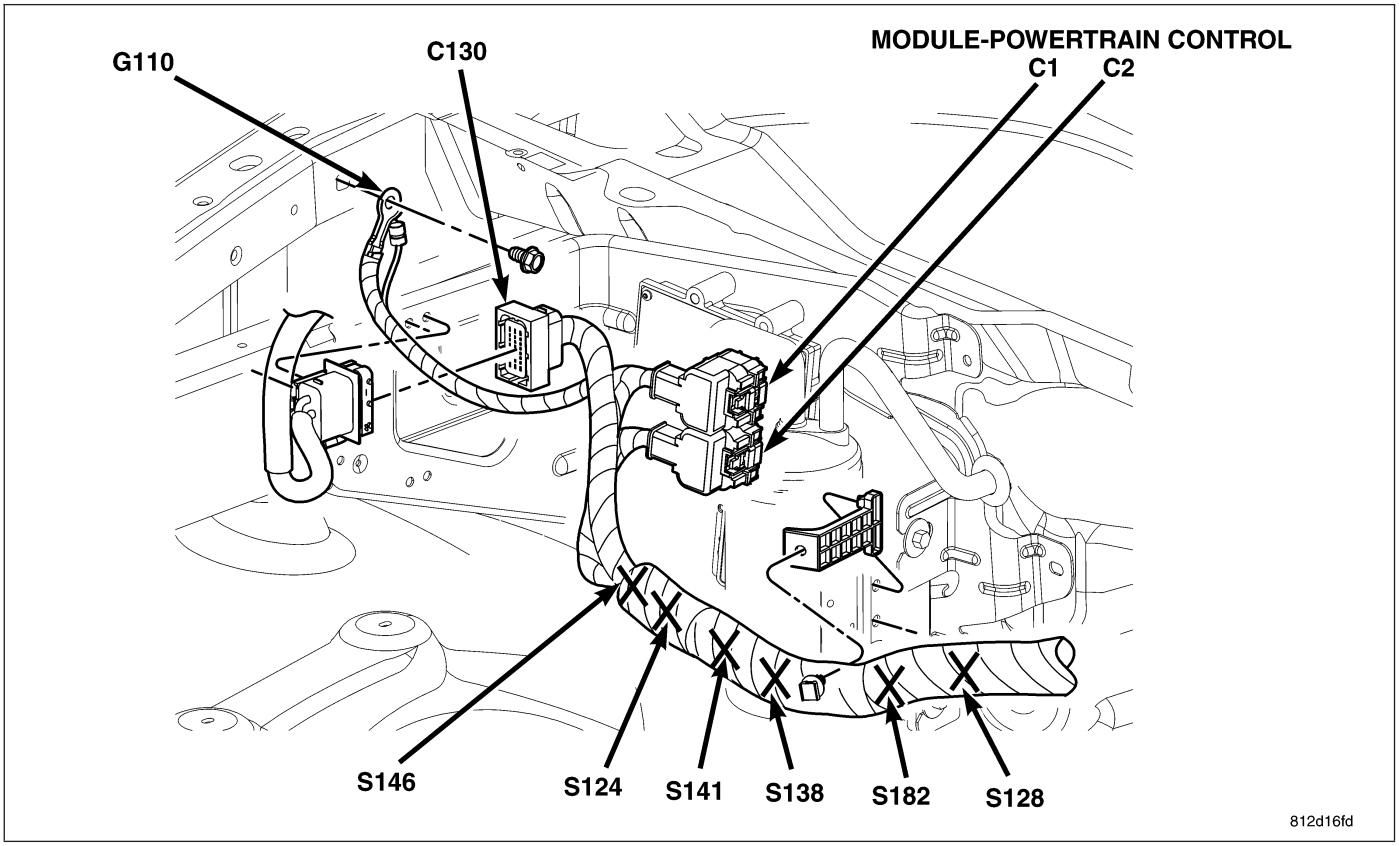


Fig. 40 RIGHT REAR ENGINE WIRING (SRT)

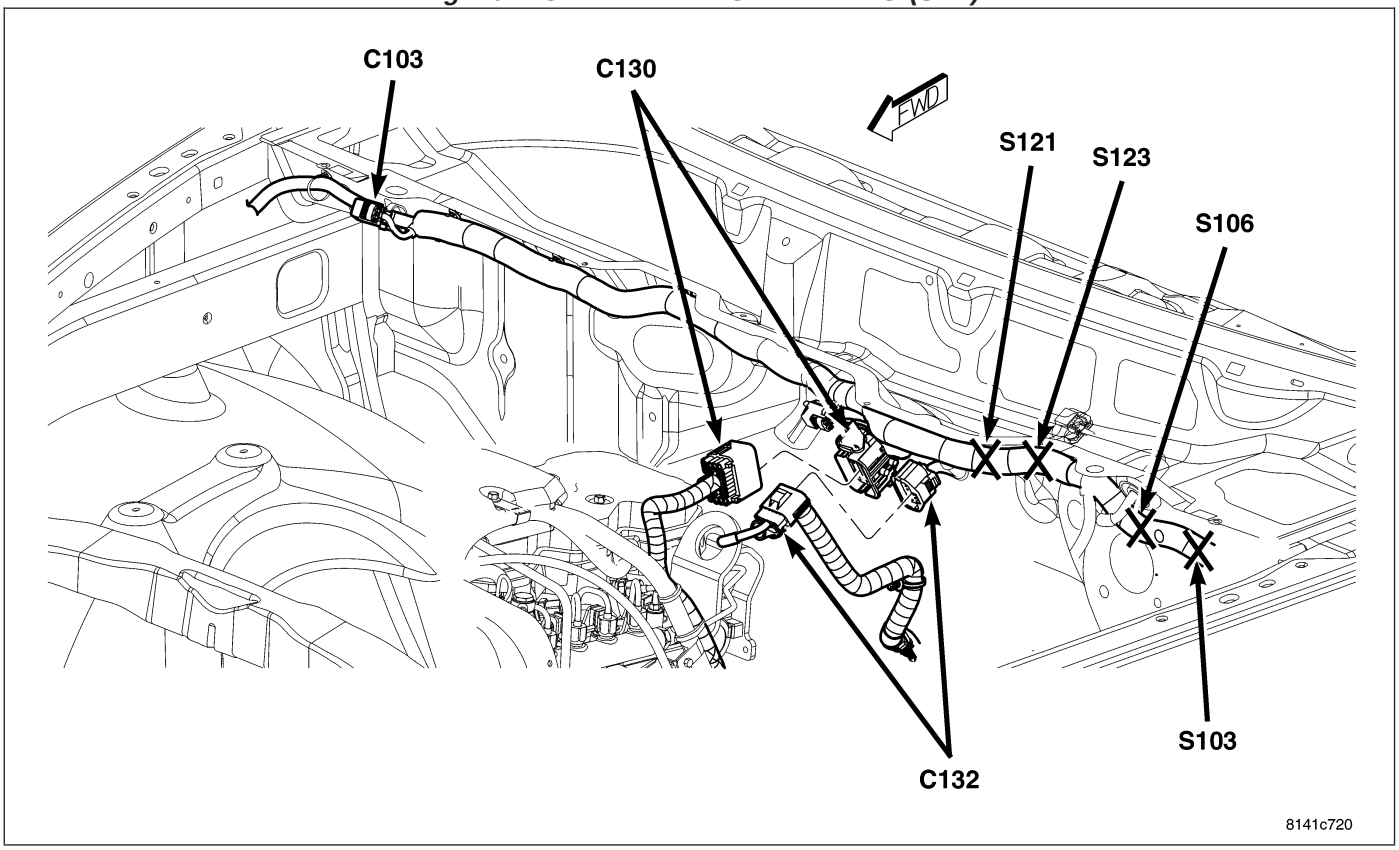


Fig. 41 REAR ENGINE COMPARTMENT INLINES (DIESEL)

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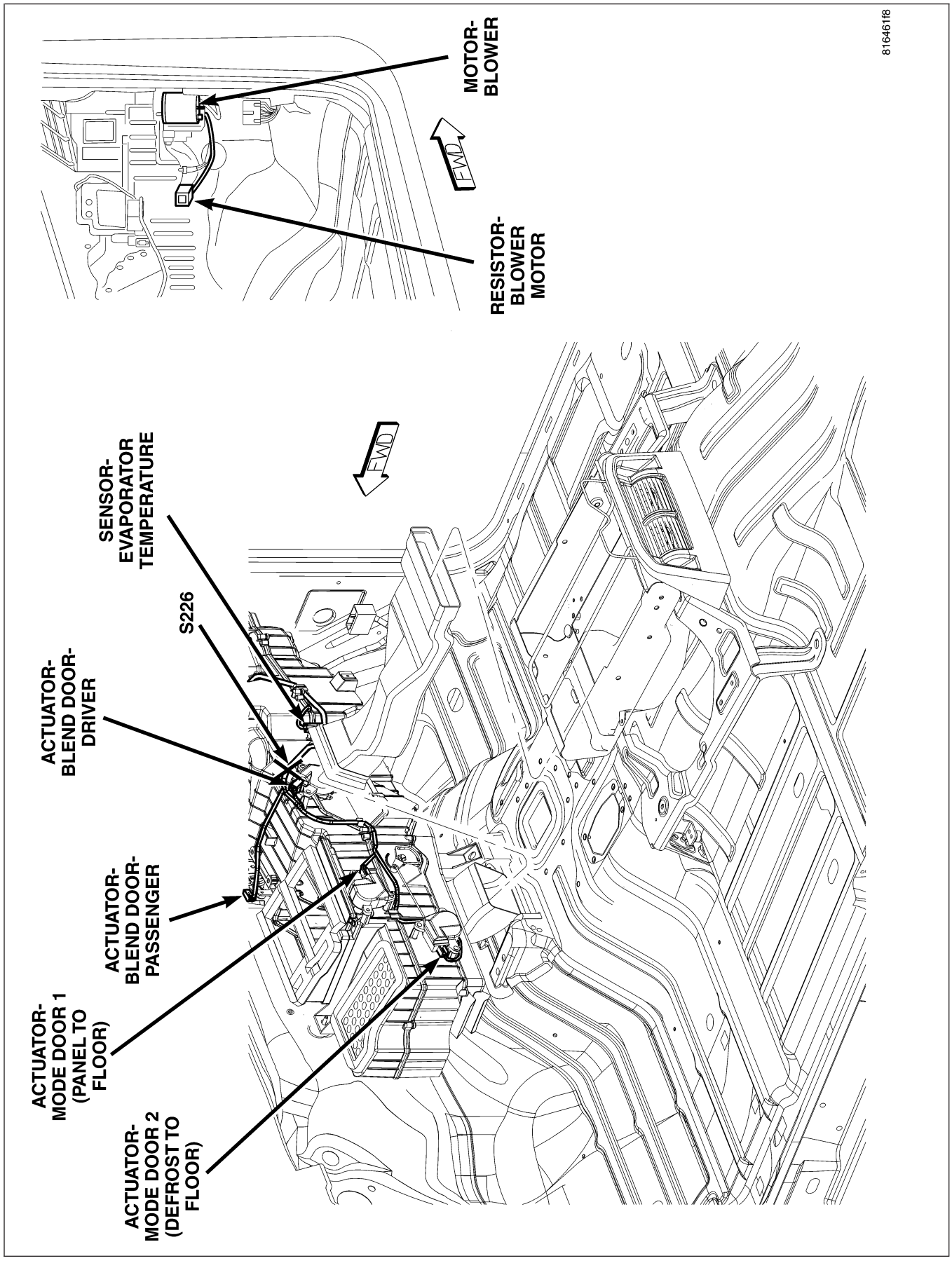


Fig. 42 HVAC ASSEMBLY

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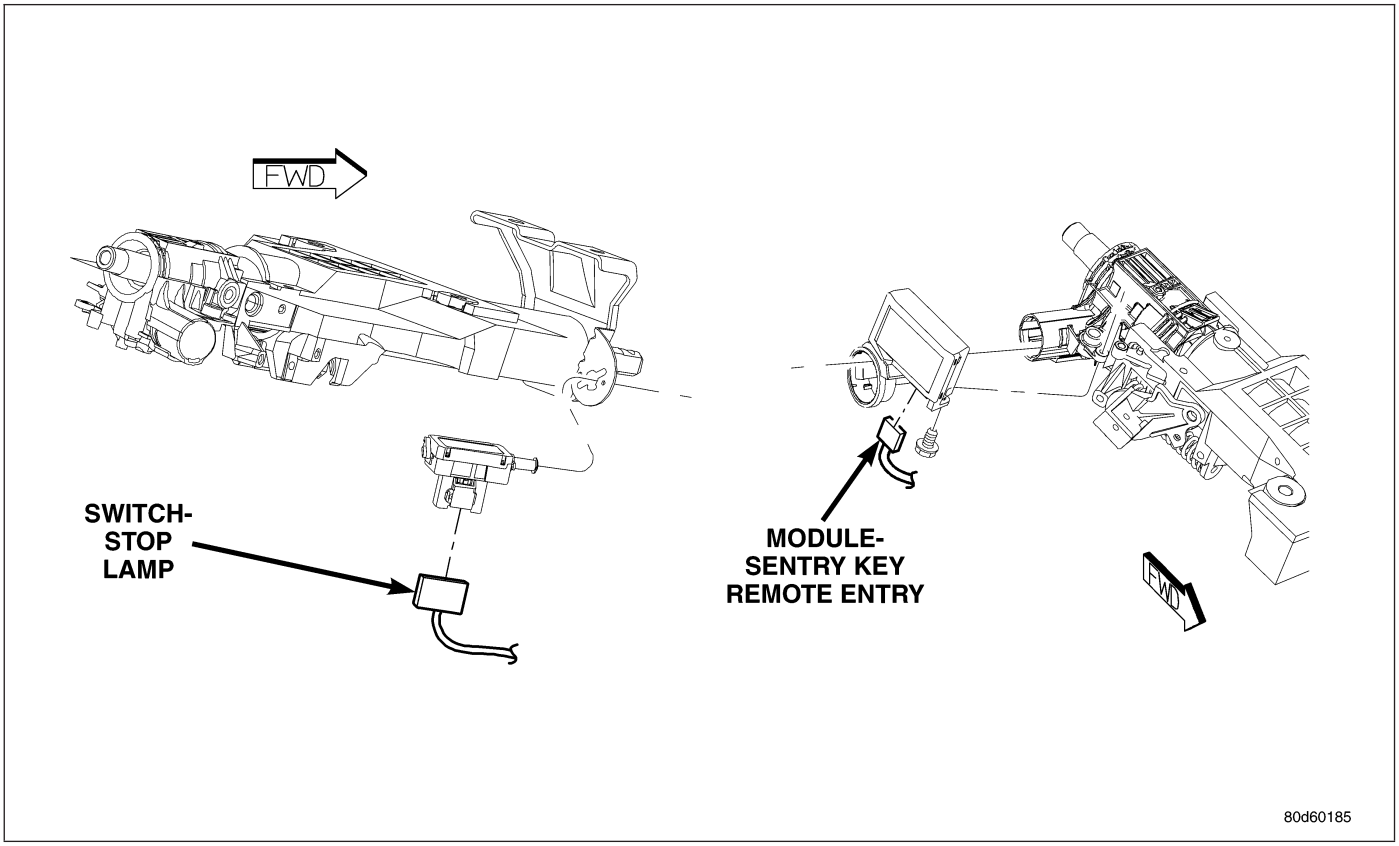


Fig. 43 STEERING COLUMN

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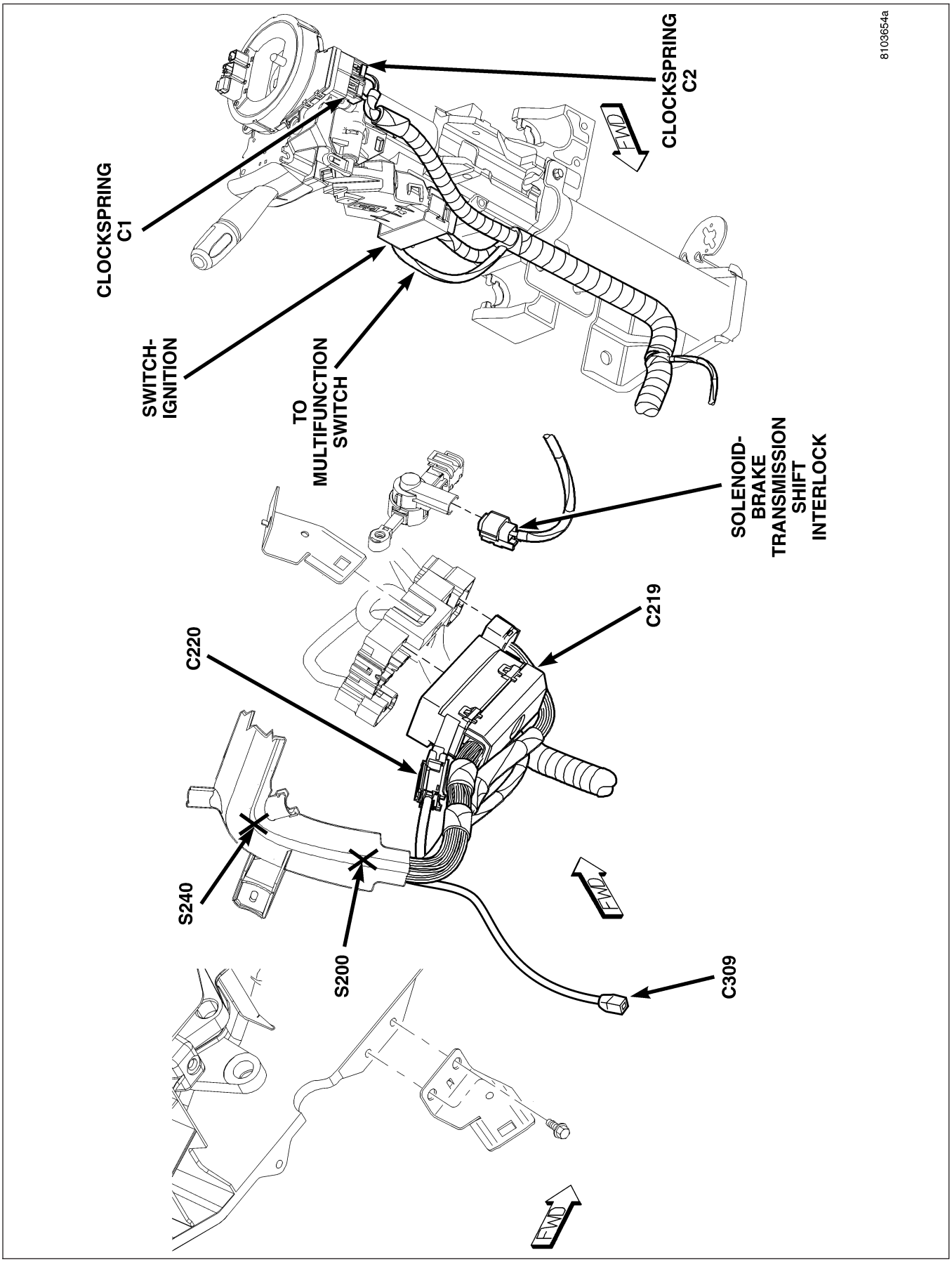


Fig. 44 LEFT STEERING COLUMN

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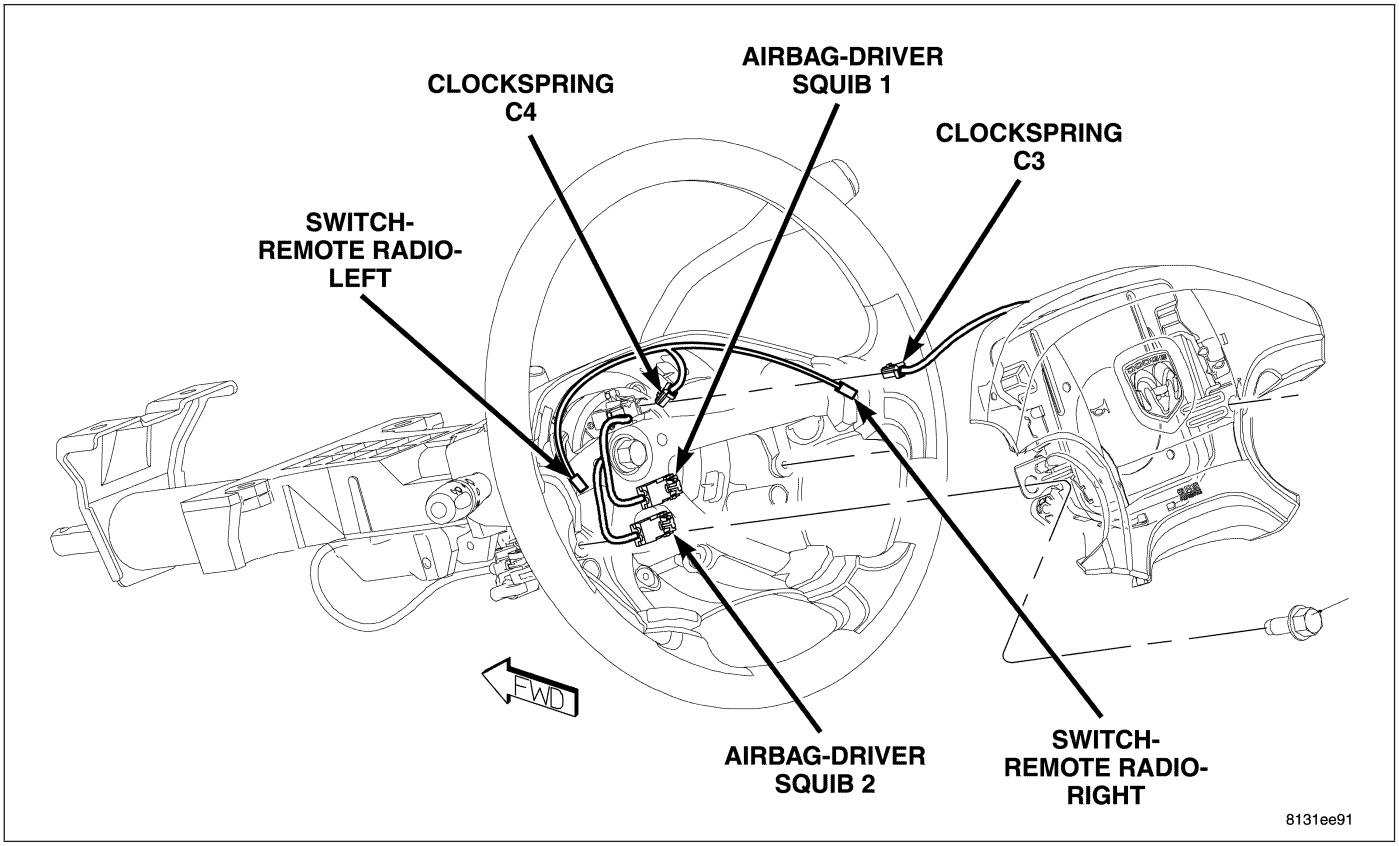


Fig. 45 STEERING WHEEL

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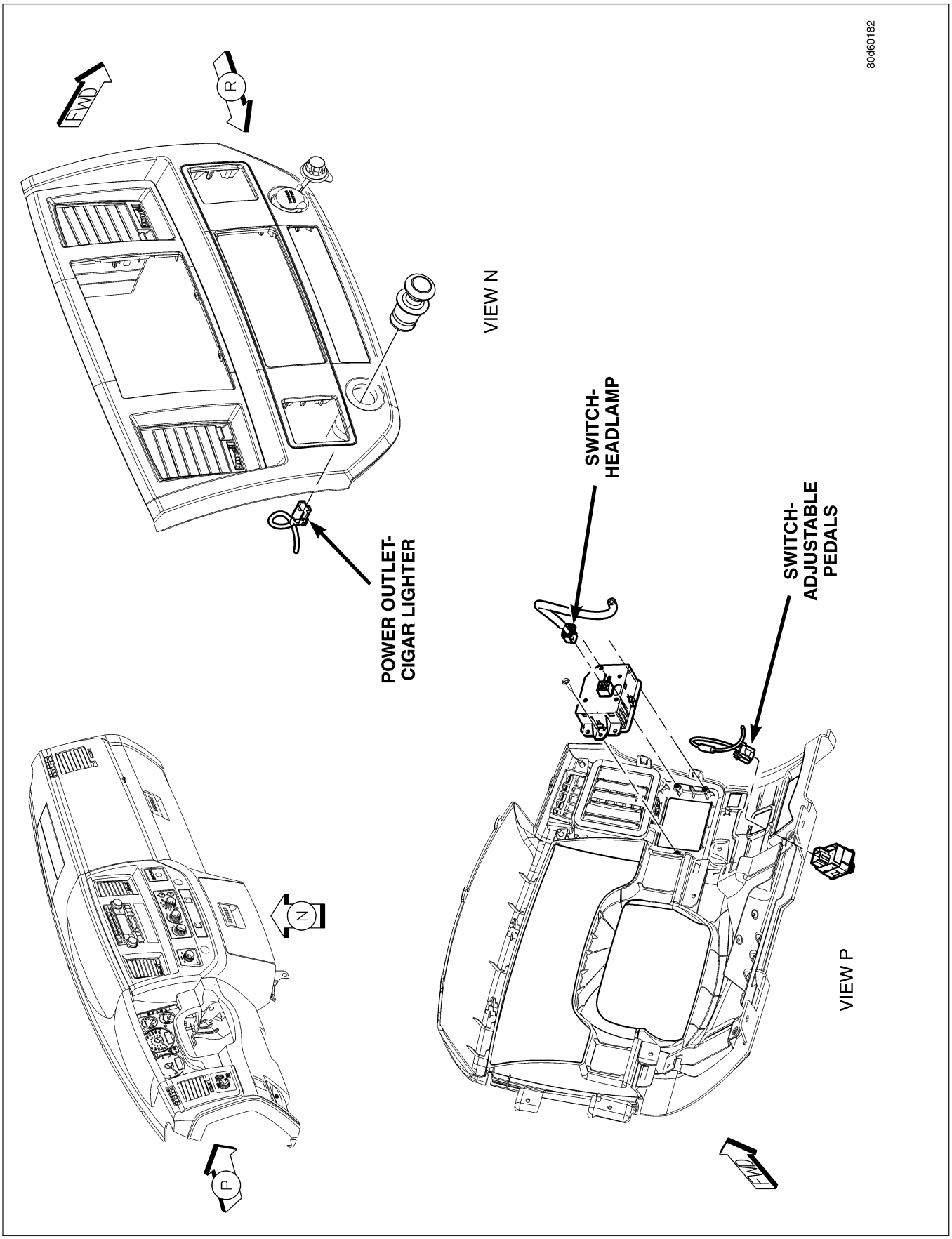


Fig. 46 LEFT SIDE OF CENTER STACK

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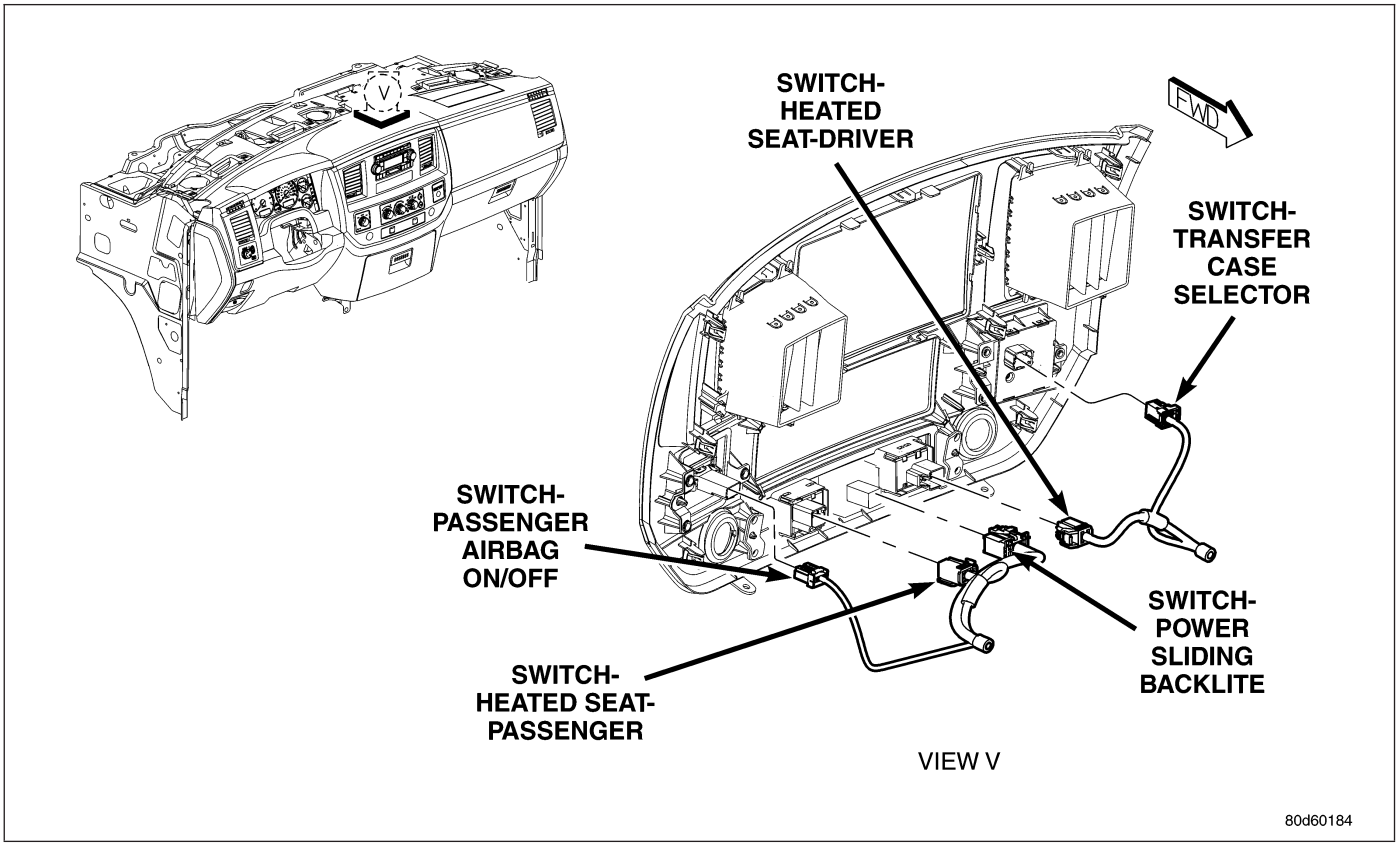


Fig. 47 CENTER STACK

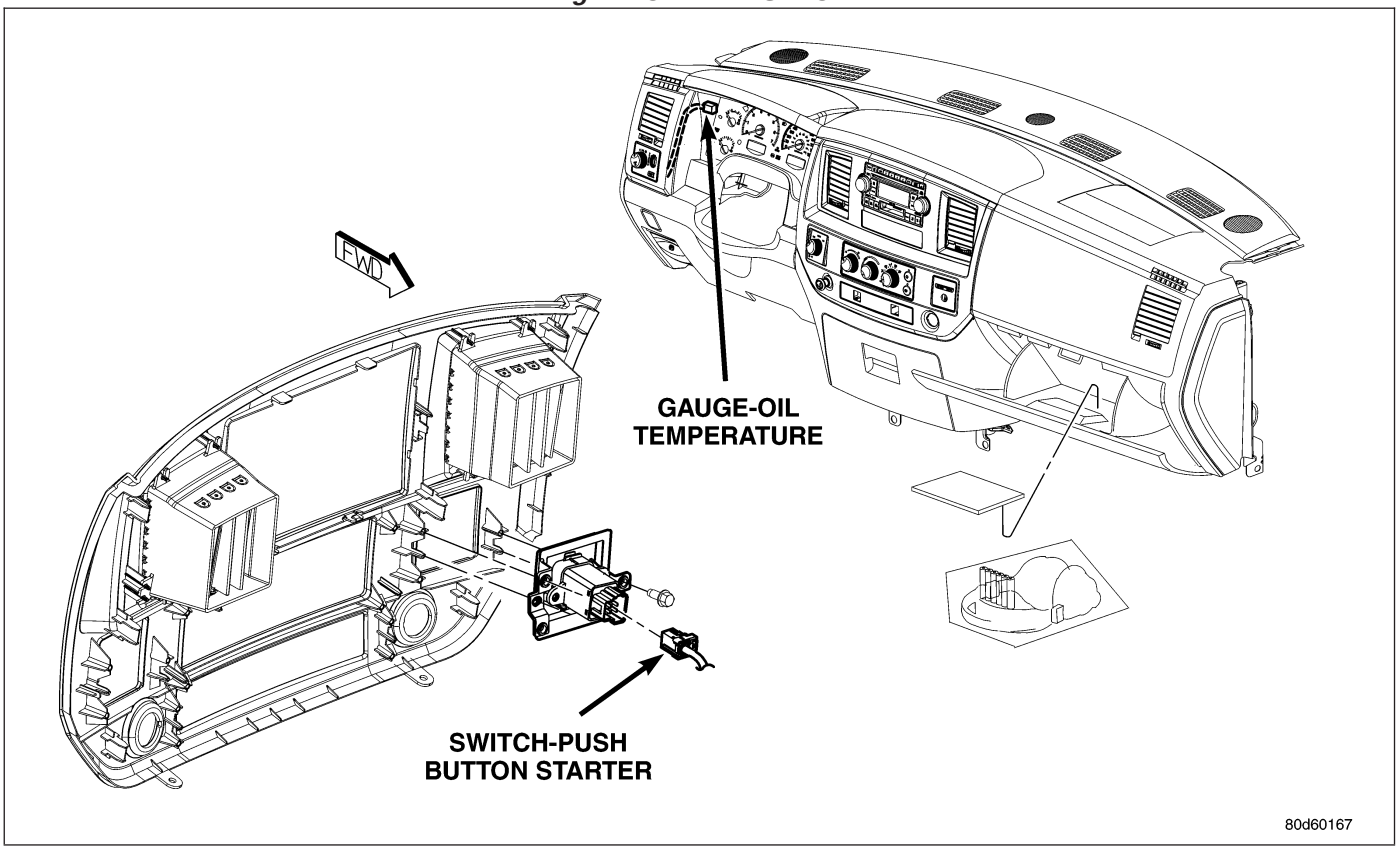


Fig. 48 INSTRUMENT PANEL - SRT

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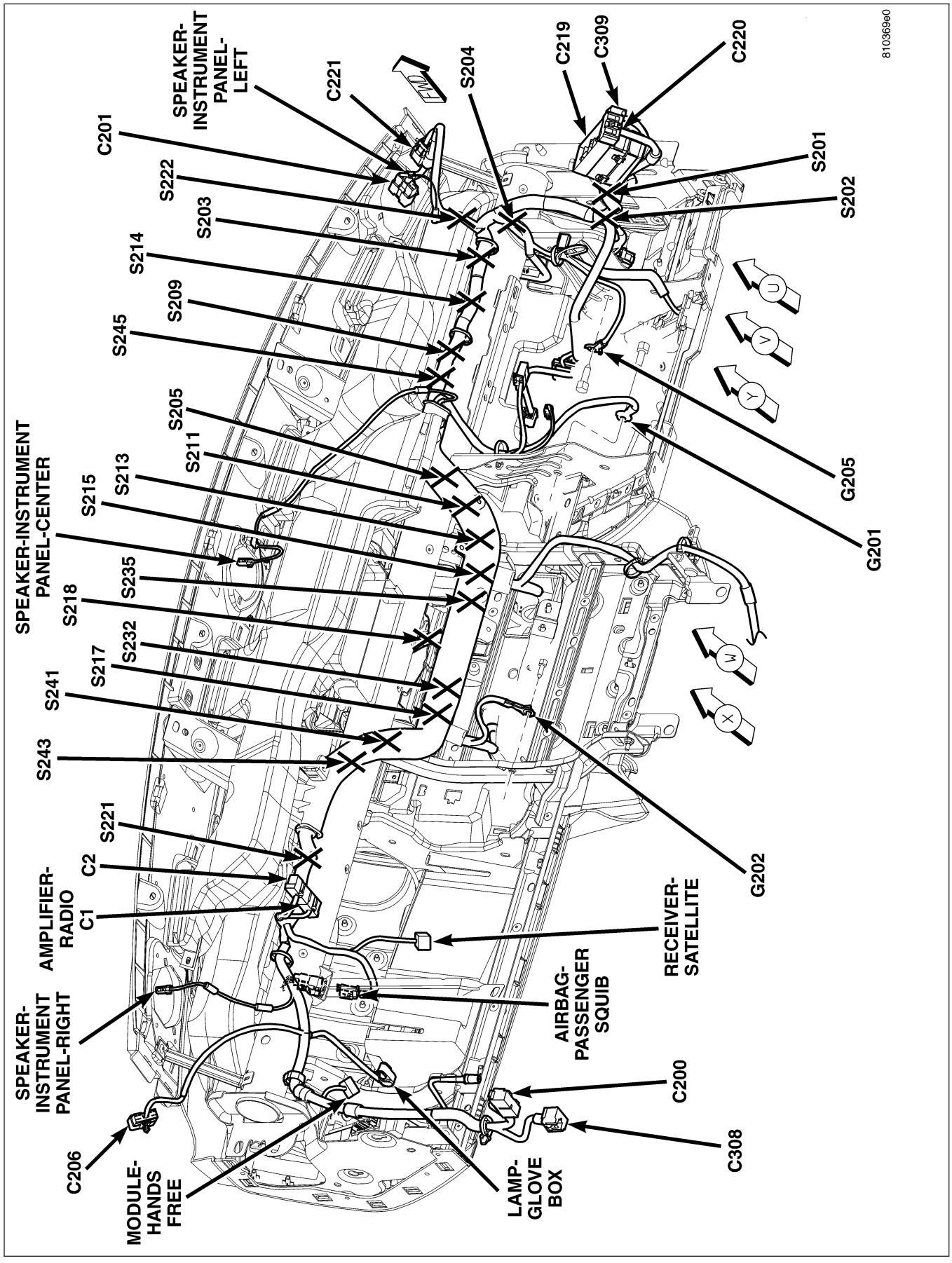


Fig. 49 INSTRUMENT PANEL

https://truckmanualshub.com/

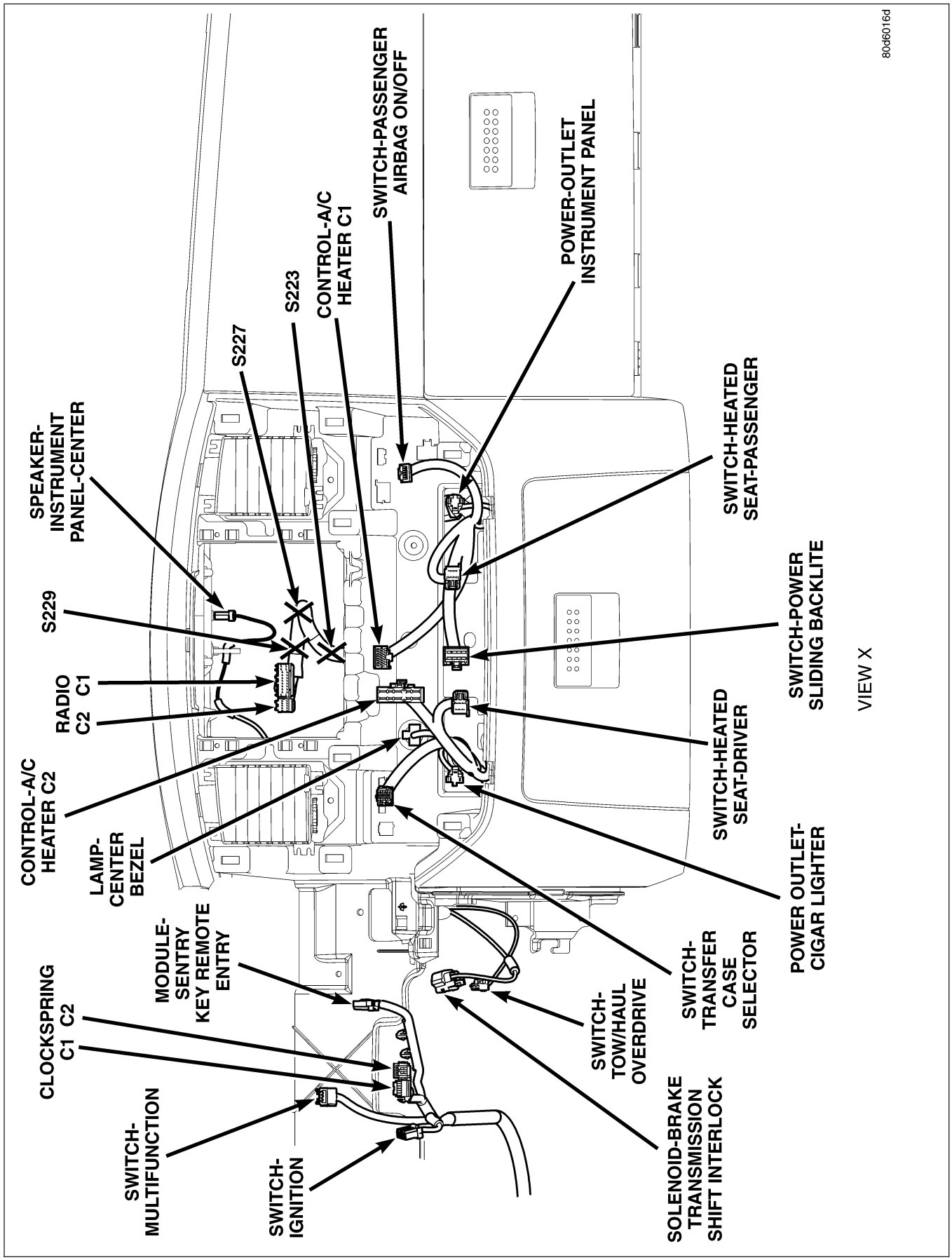


Fig. 50 LEFT AND CENTER INSTRUMENT PANEL

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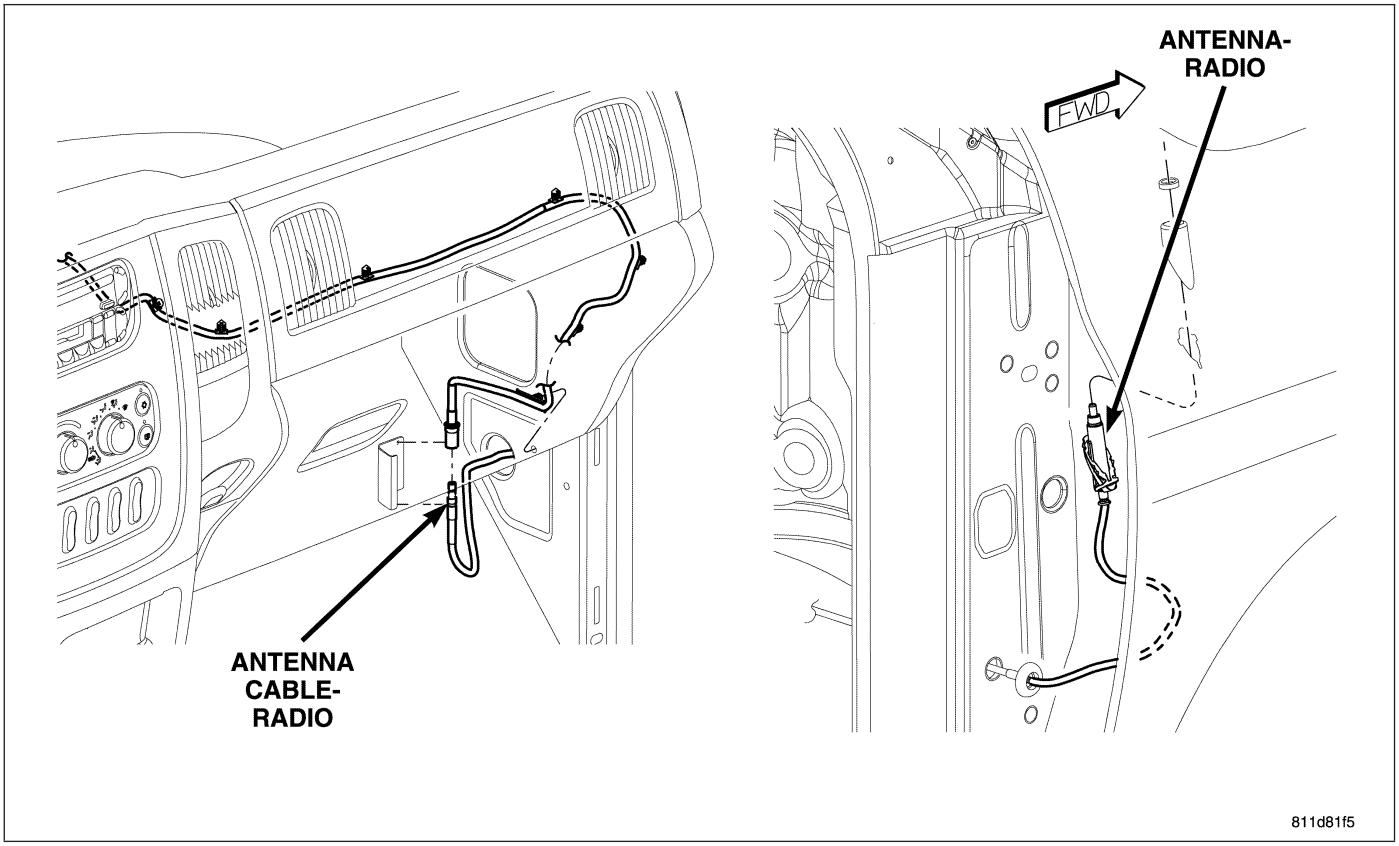


Fig. 51 RADIO ANTENNA

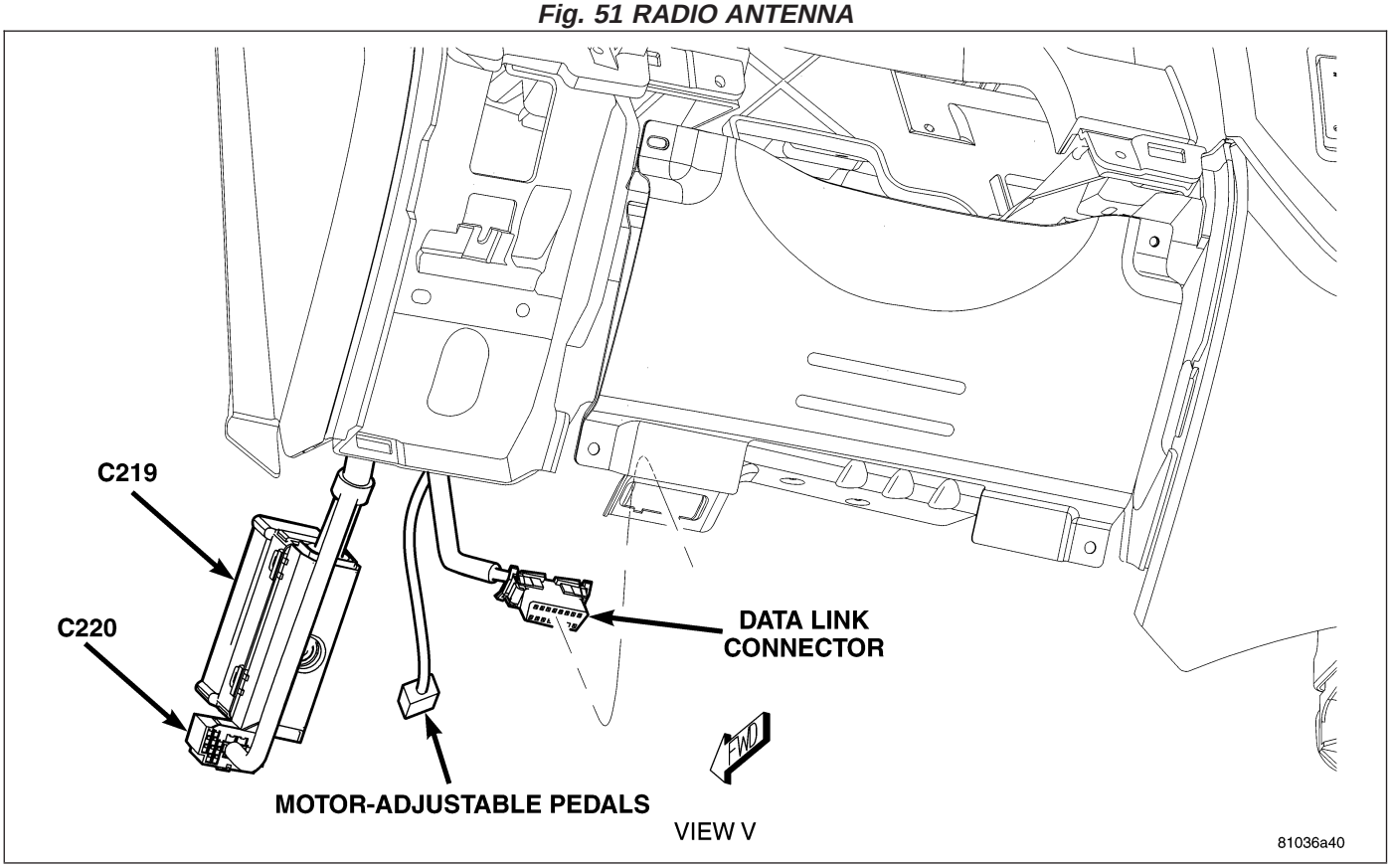


Fig. 52 LOWER LEFT INSTRUMENT PANEL

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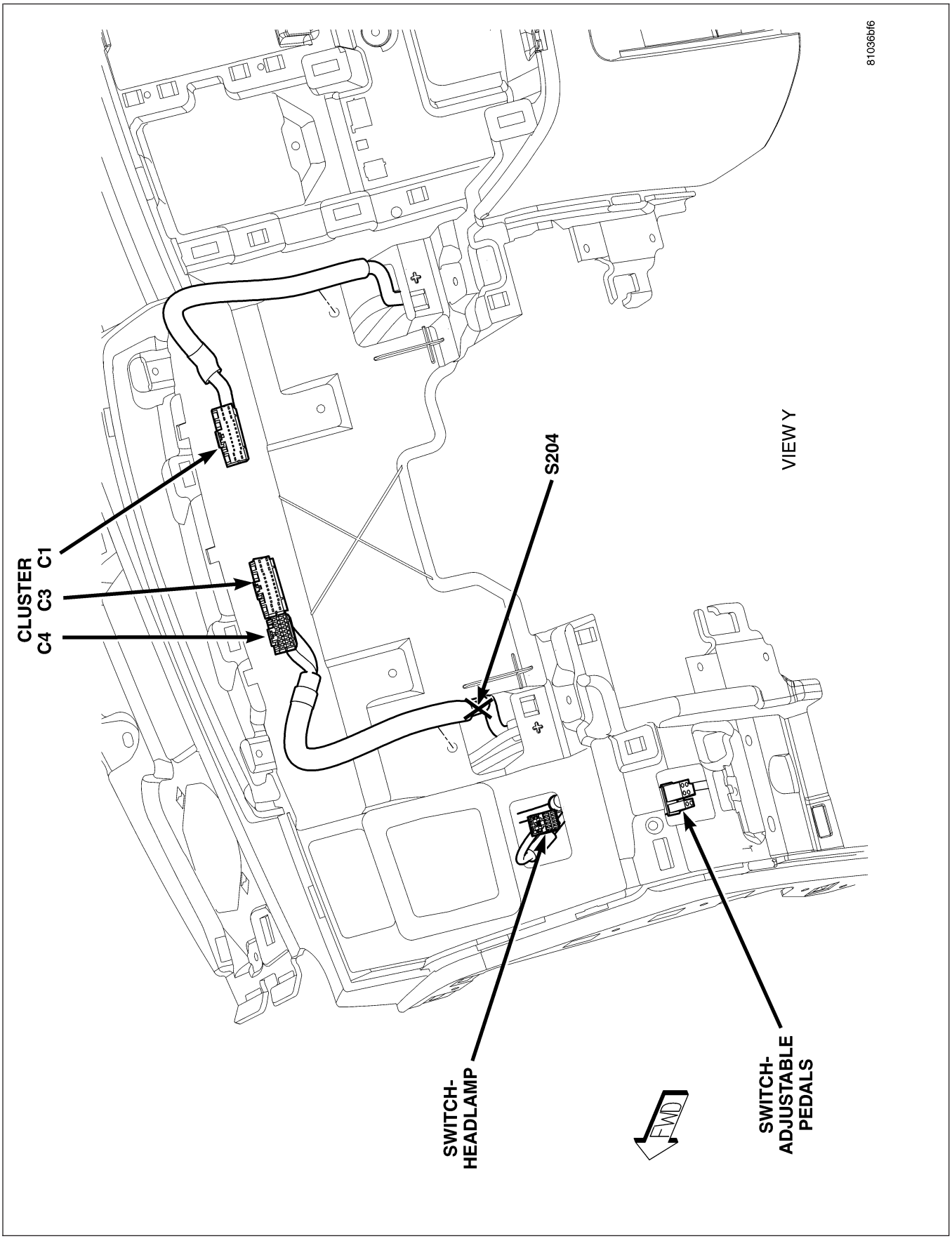


Fig. 53 LEFT INSTRUMENT PANEL

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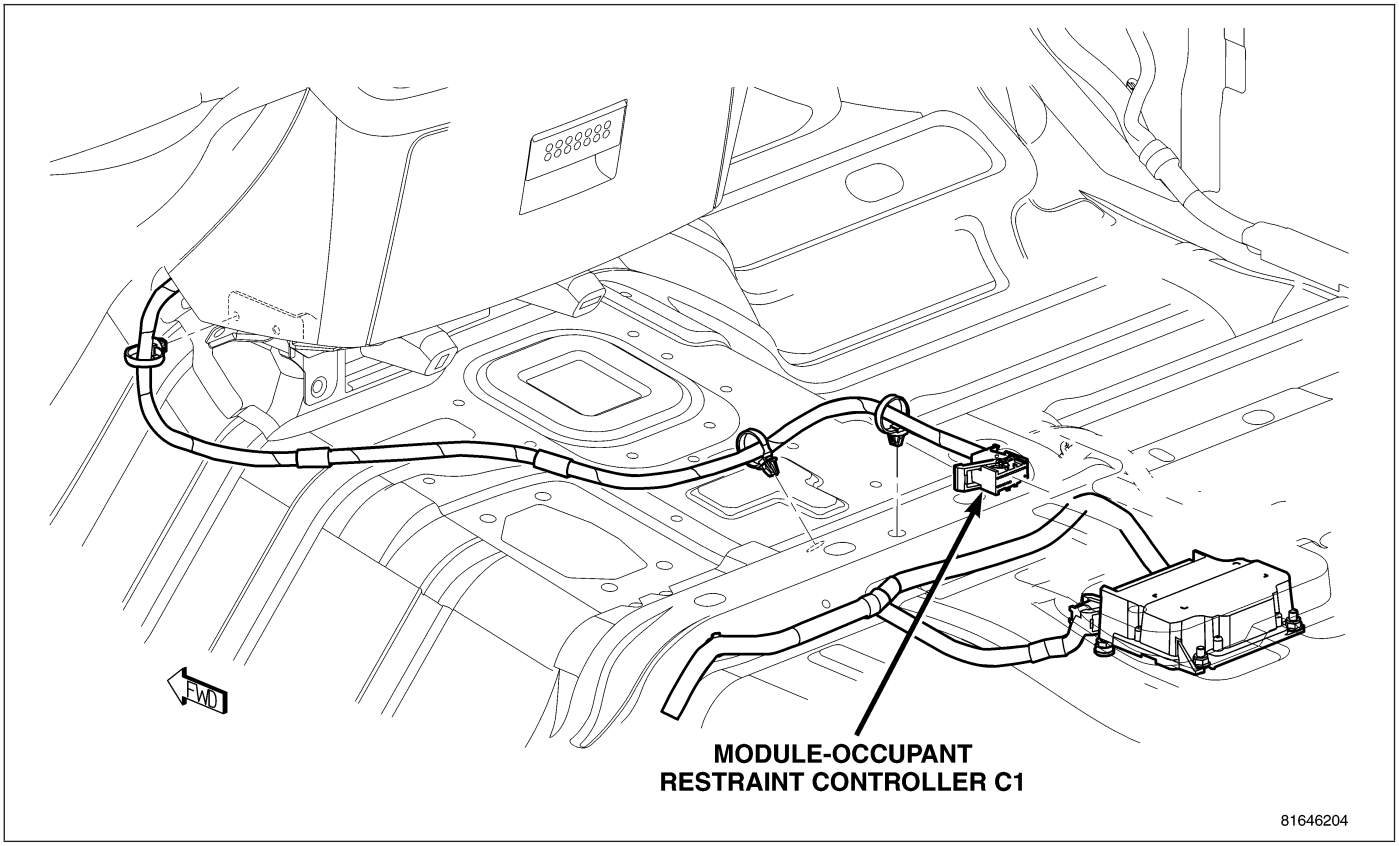


Fig. 54 FRONT CENTER BODY

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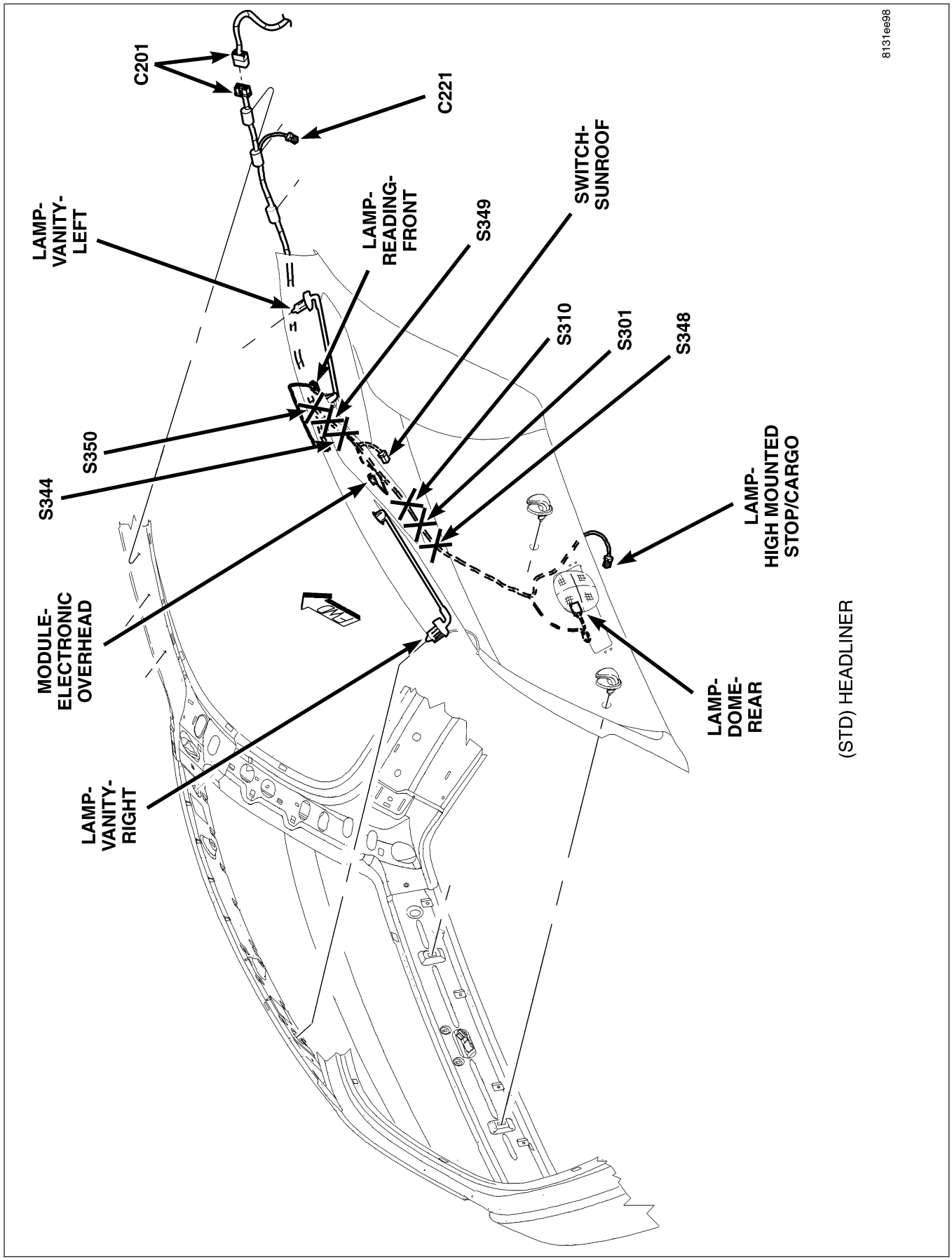


Fig. 55 HEADLINER

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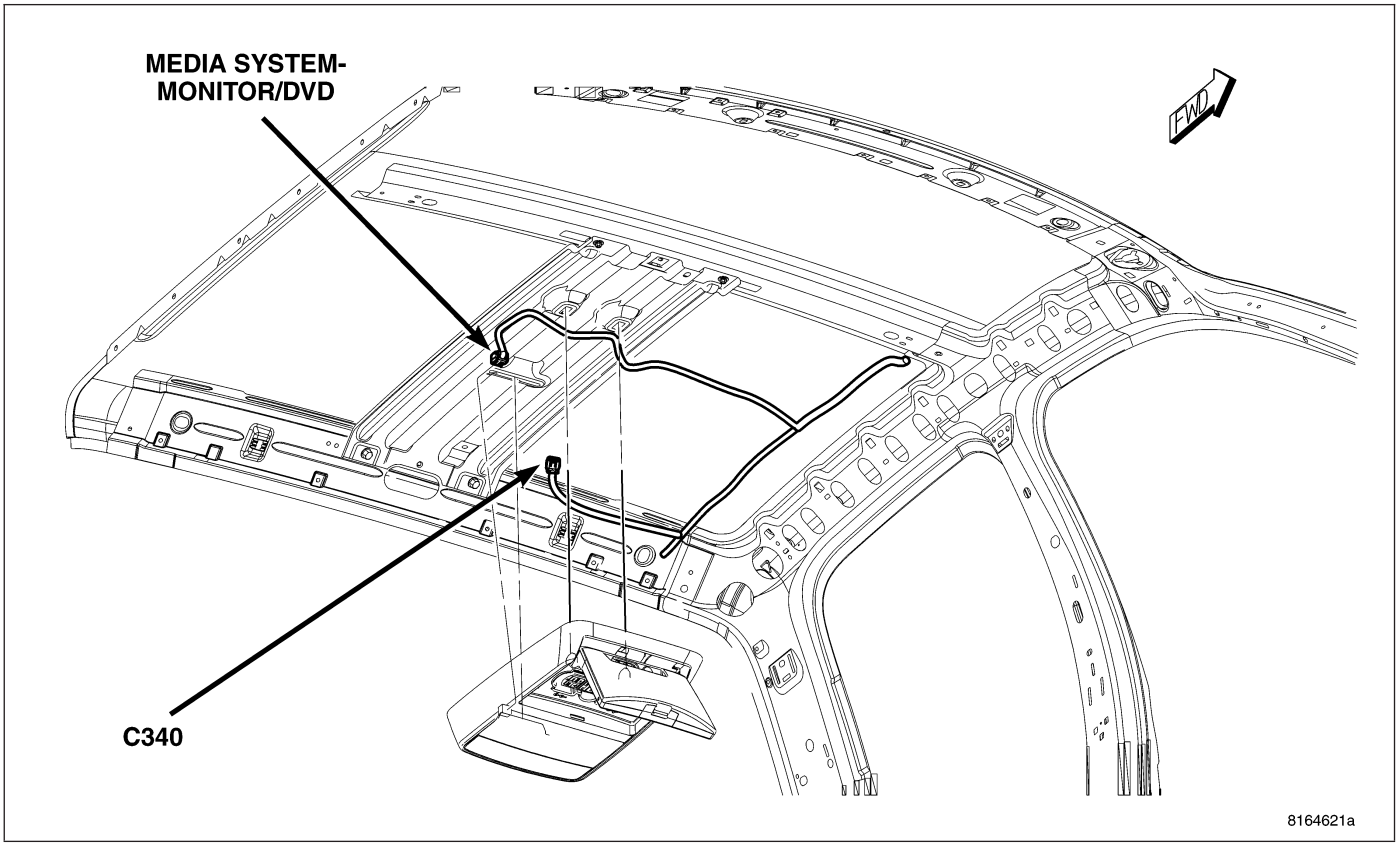


Fig. 56 CENTER HEADLINER

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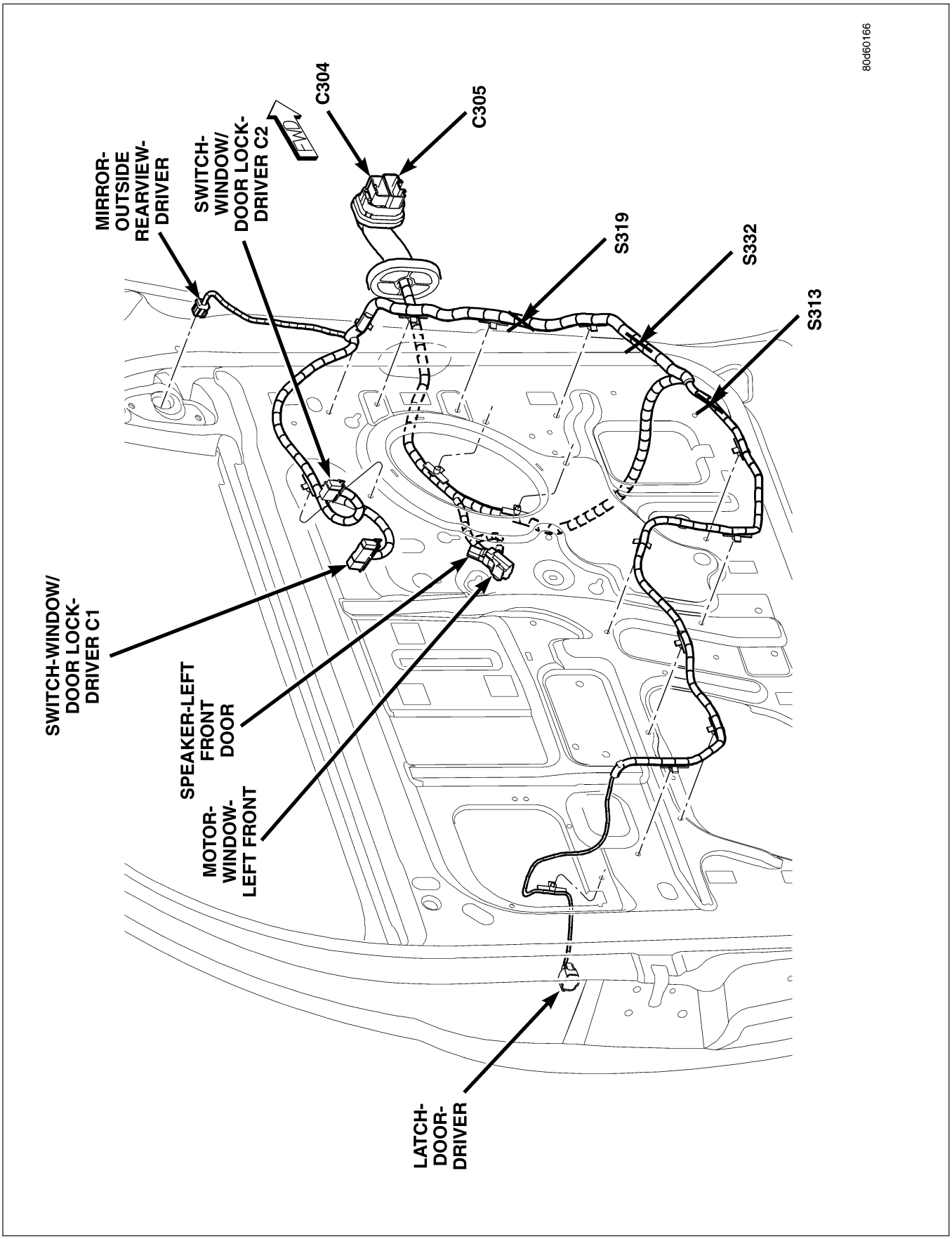


Fig. 57 LEFT FRONT DOOR PREMIUM

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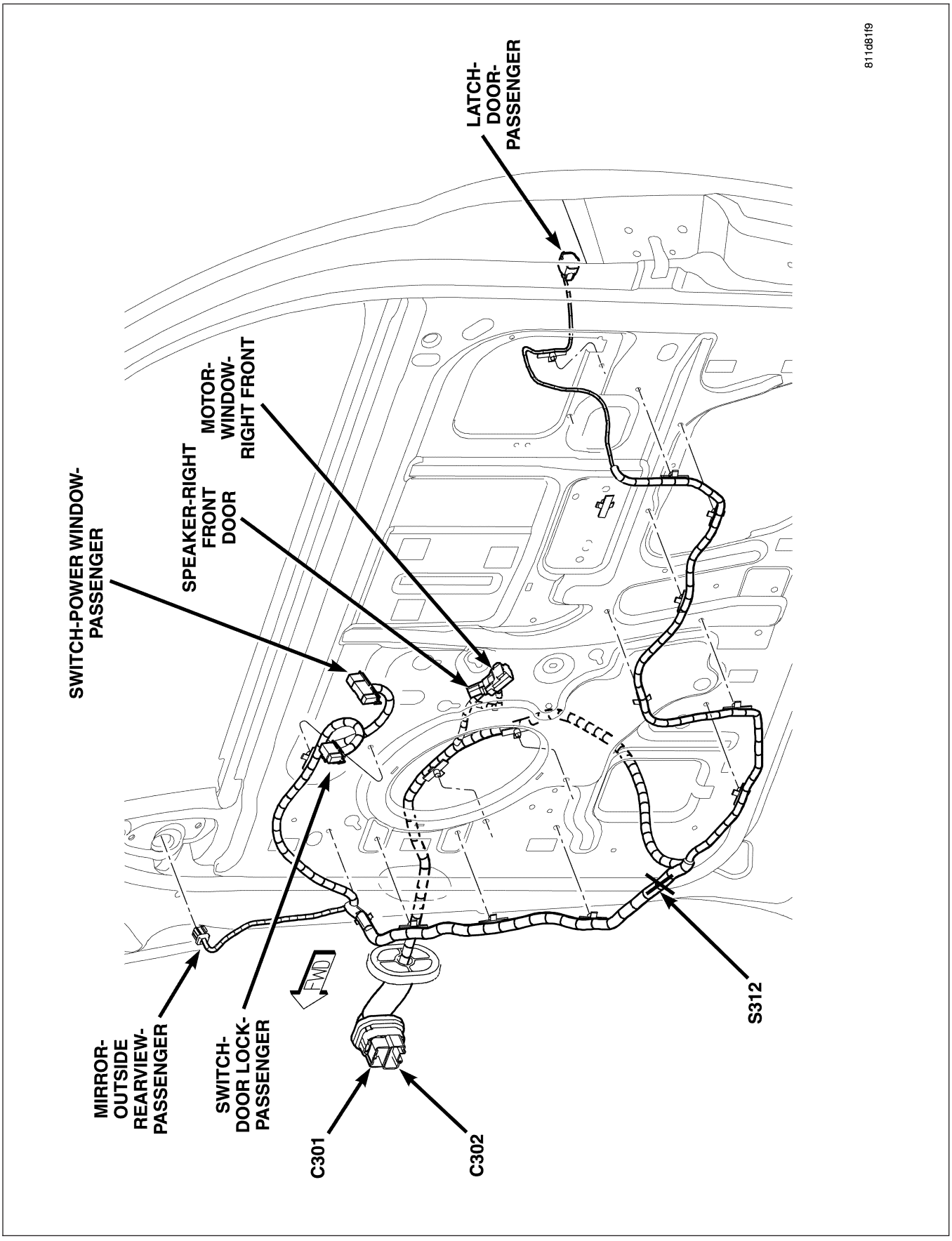


Fig. 58 RIGHT FRONT DOOR PREMIUM

https://truckmanualshub.com/

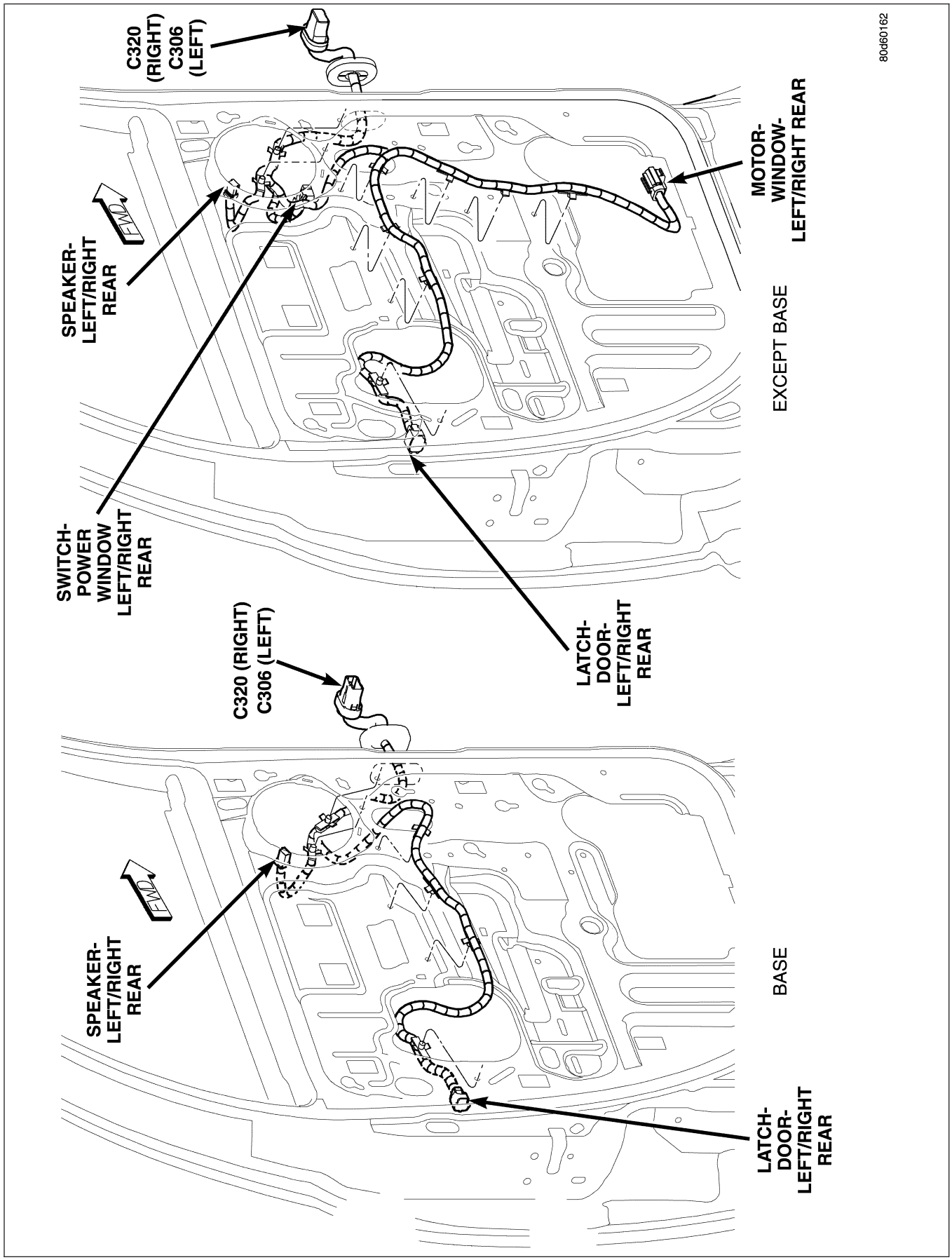


Fig. 59 LEFT REAR DOOR (RIGHT SIDE SIMILAR)

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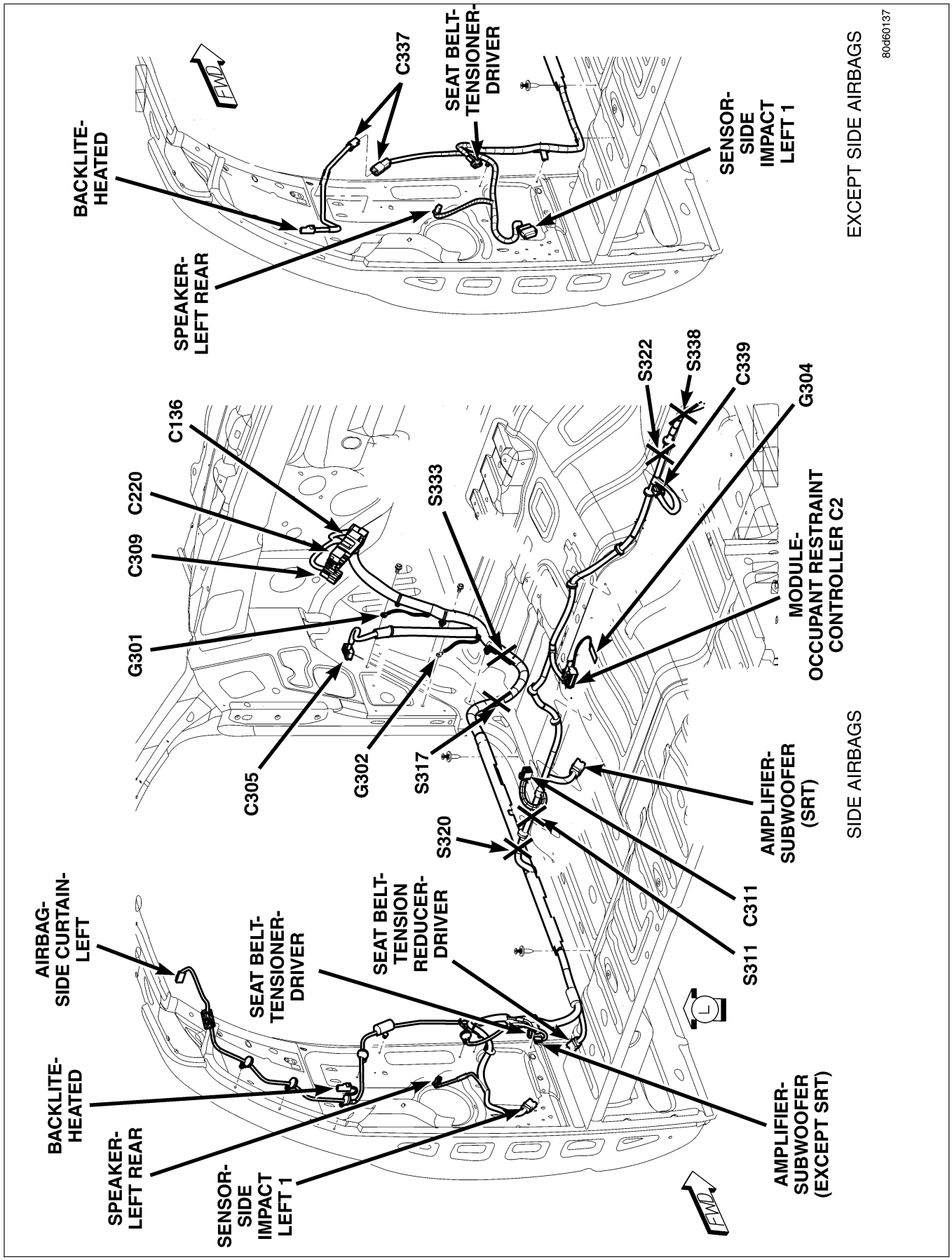


Fig. 60 LEFT SIDE BODY - STANDARD CAB

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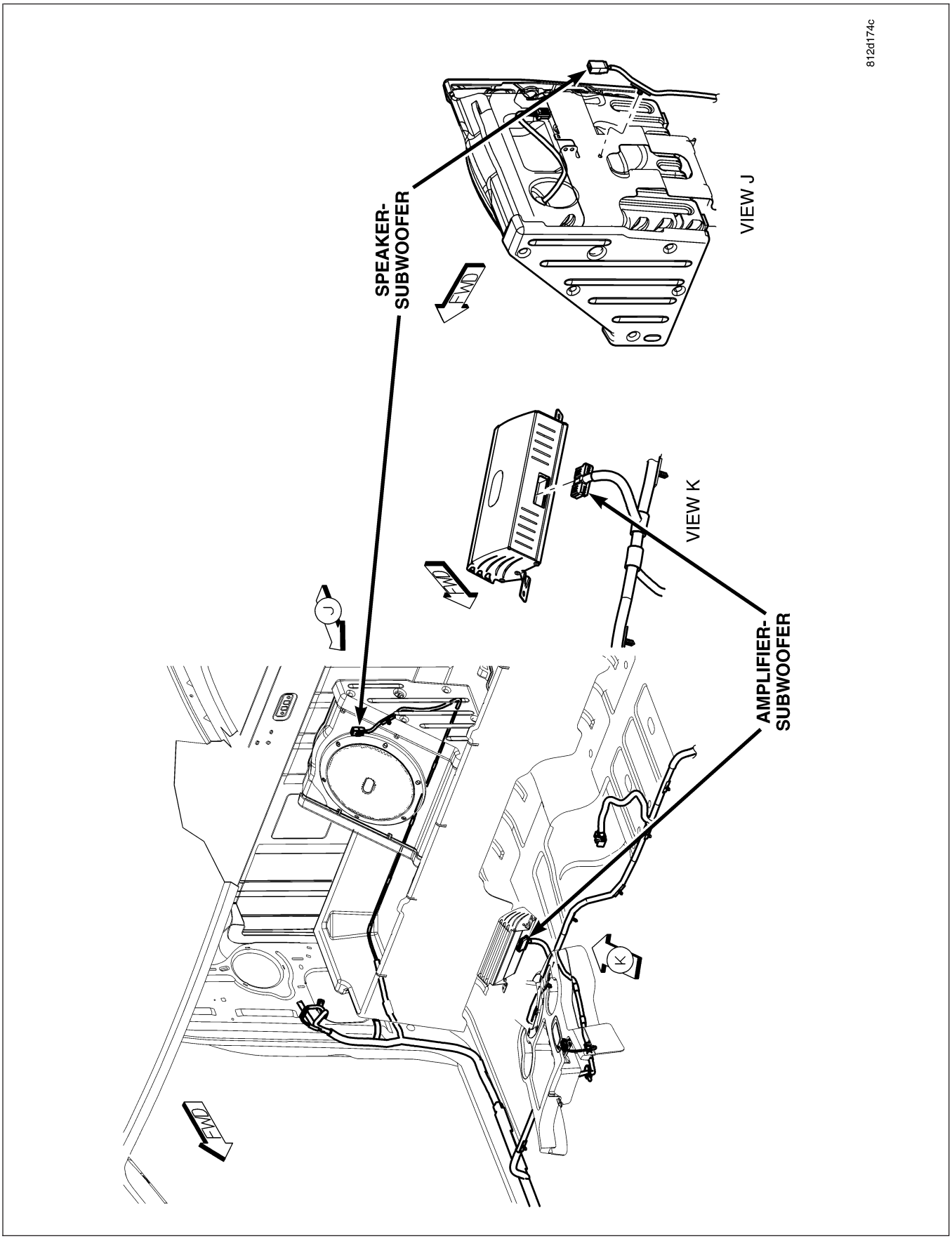


Fig. 61 CENTER BODY (SRT)

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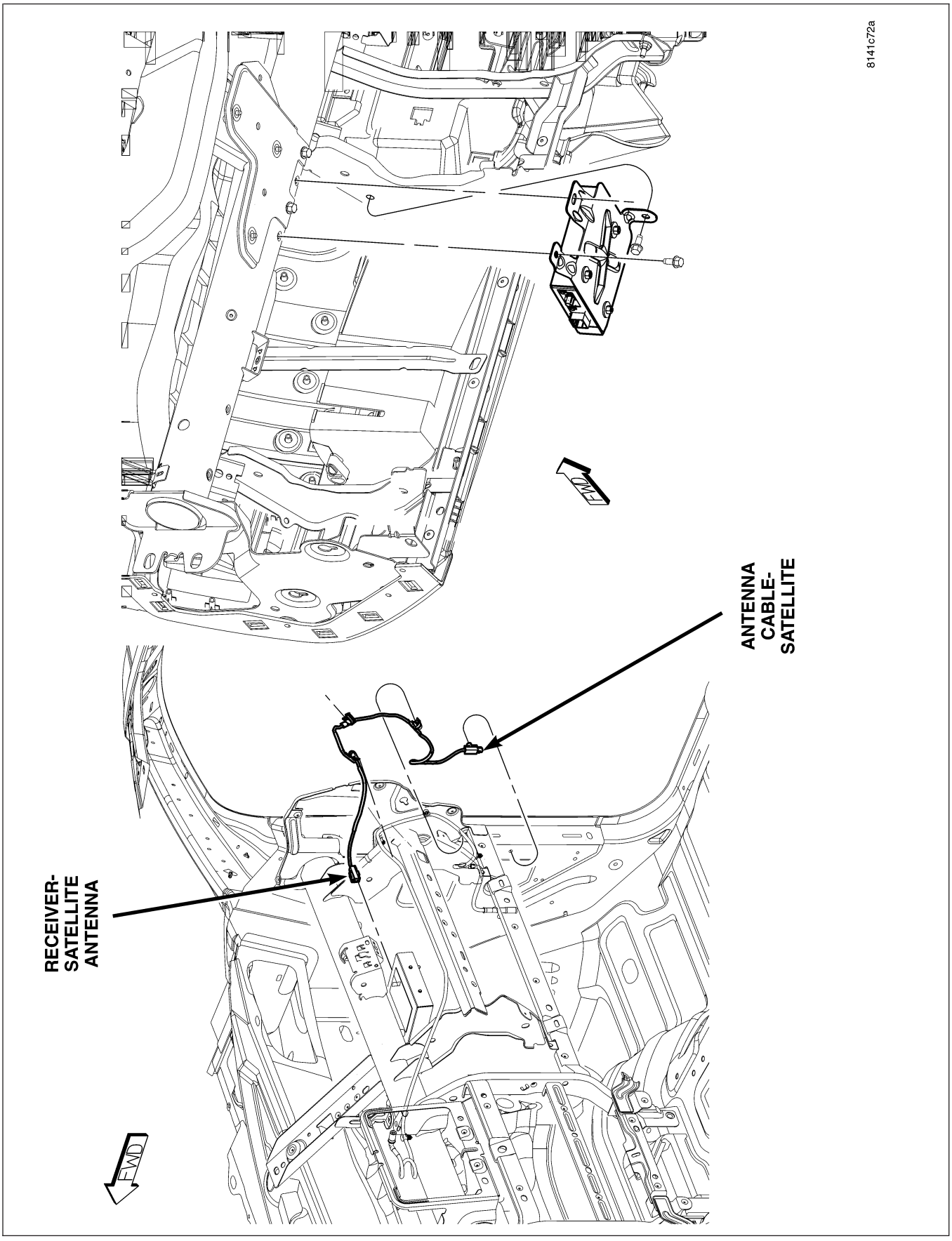


Fig. 62 SATELLITE RECEIVER

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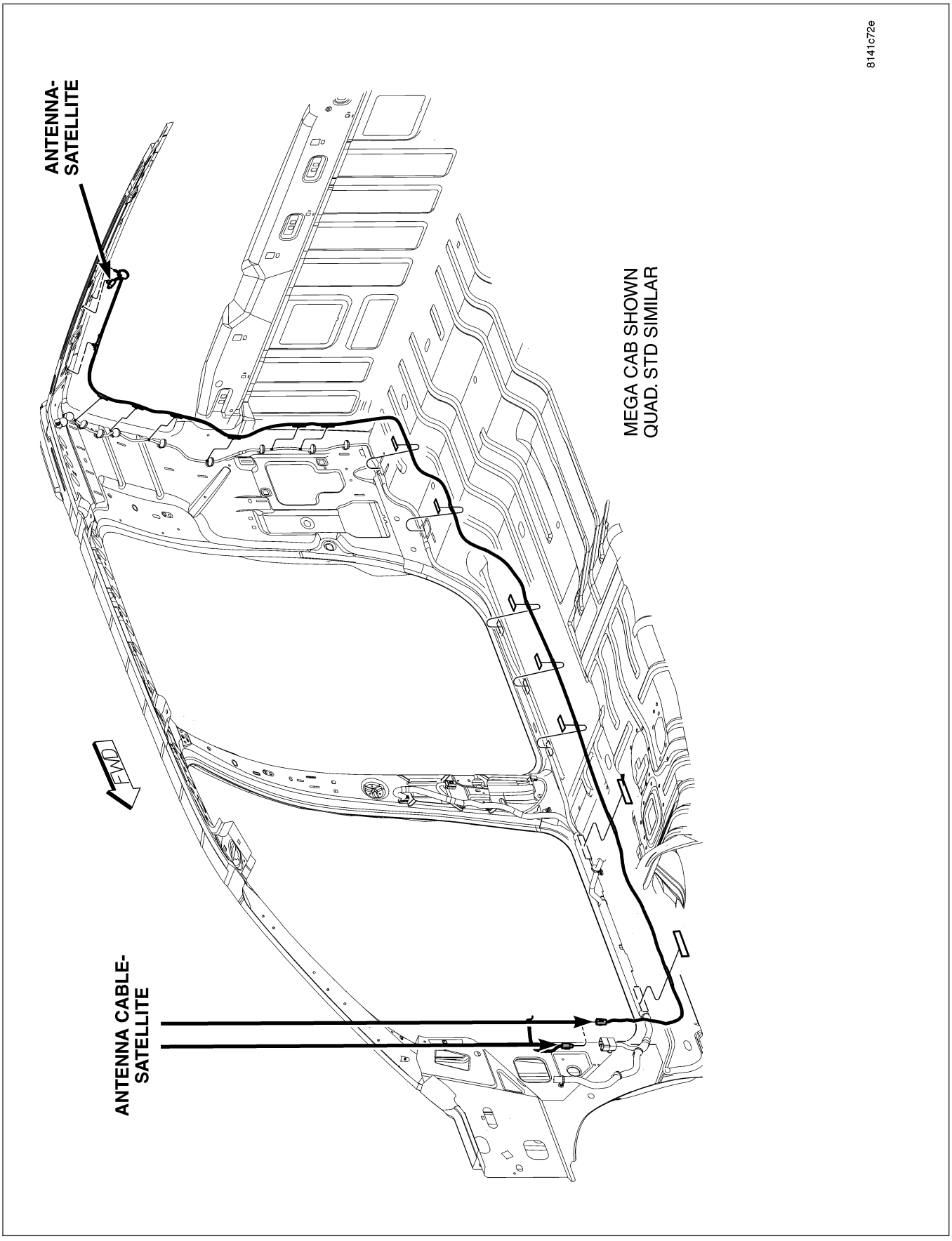


Fig. 63 SATELLITE ANTENNA CABLE

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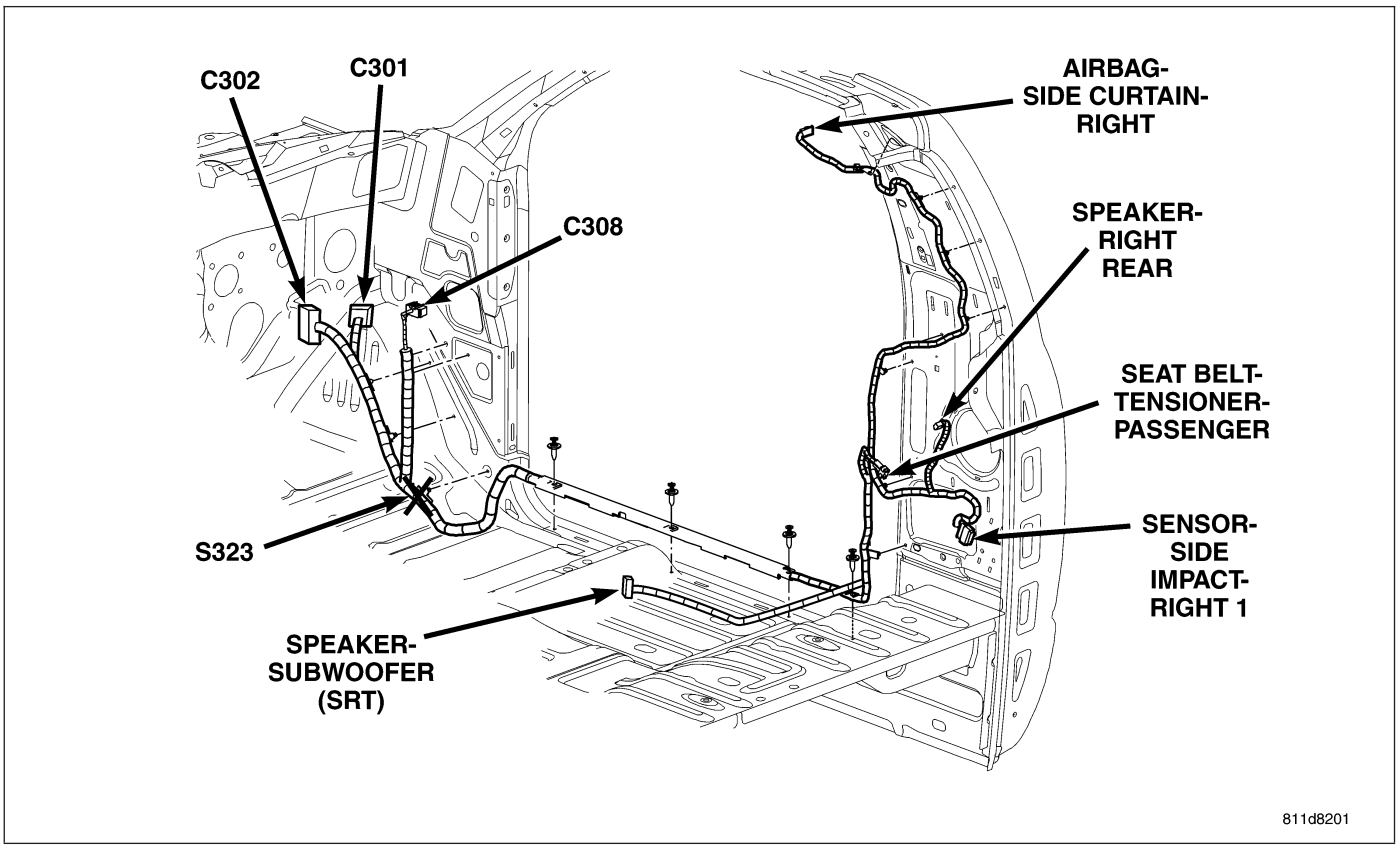


Fig. 64 STANDARD CAB RIGHT SIDE BODY

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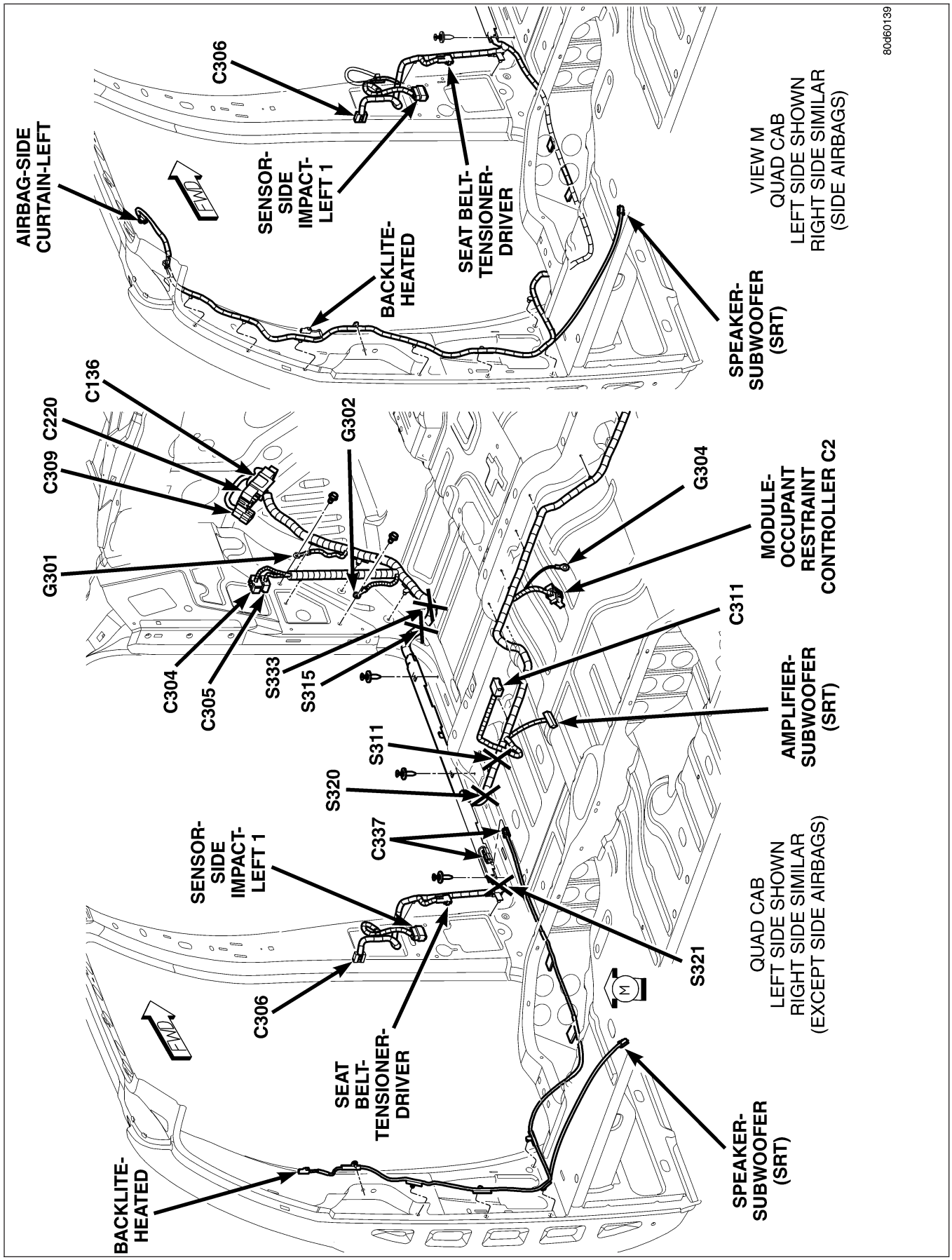


Fig. 65 LEFT SIDE BODY - QUAD CAB/MEGA CAB

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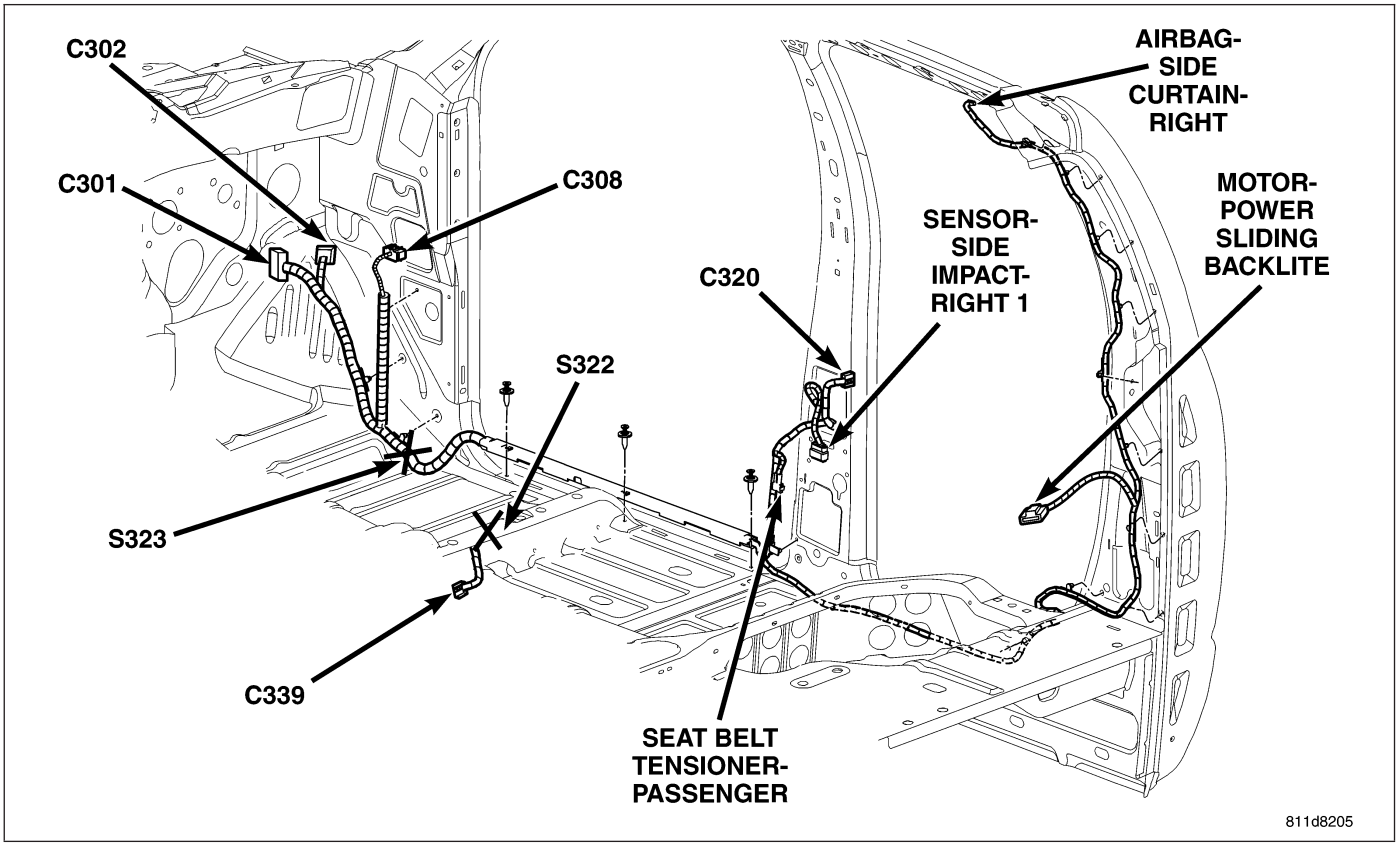


Fig. 66 RIGHT SIDE BODY - QUAD CAB/MEGA CAB

https://truckmanualshub.com/

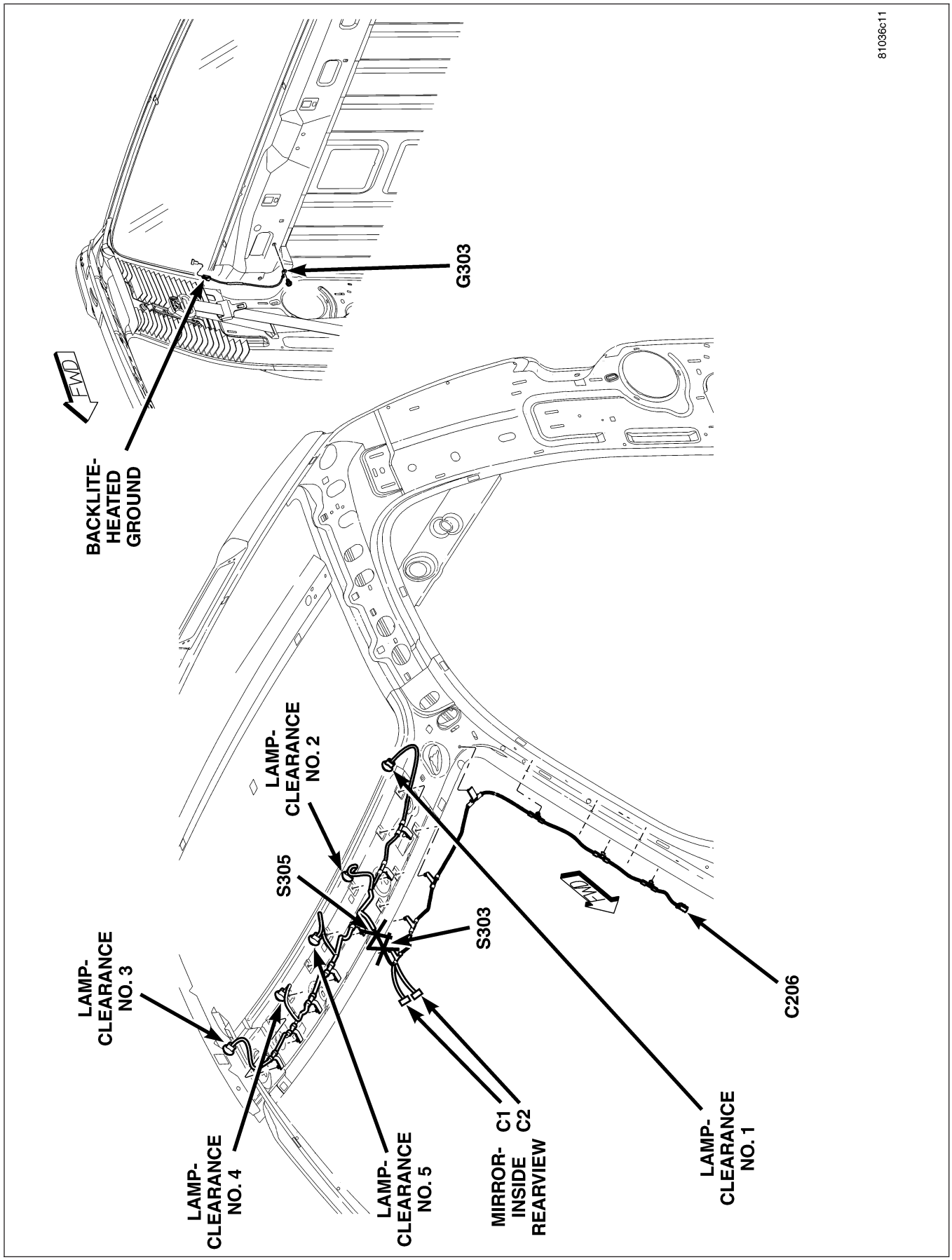


Fig. 67 ROOF

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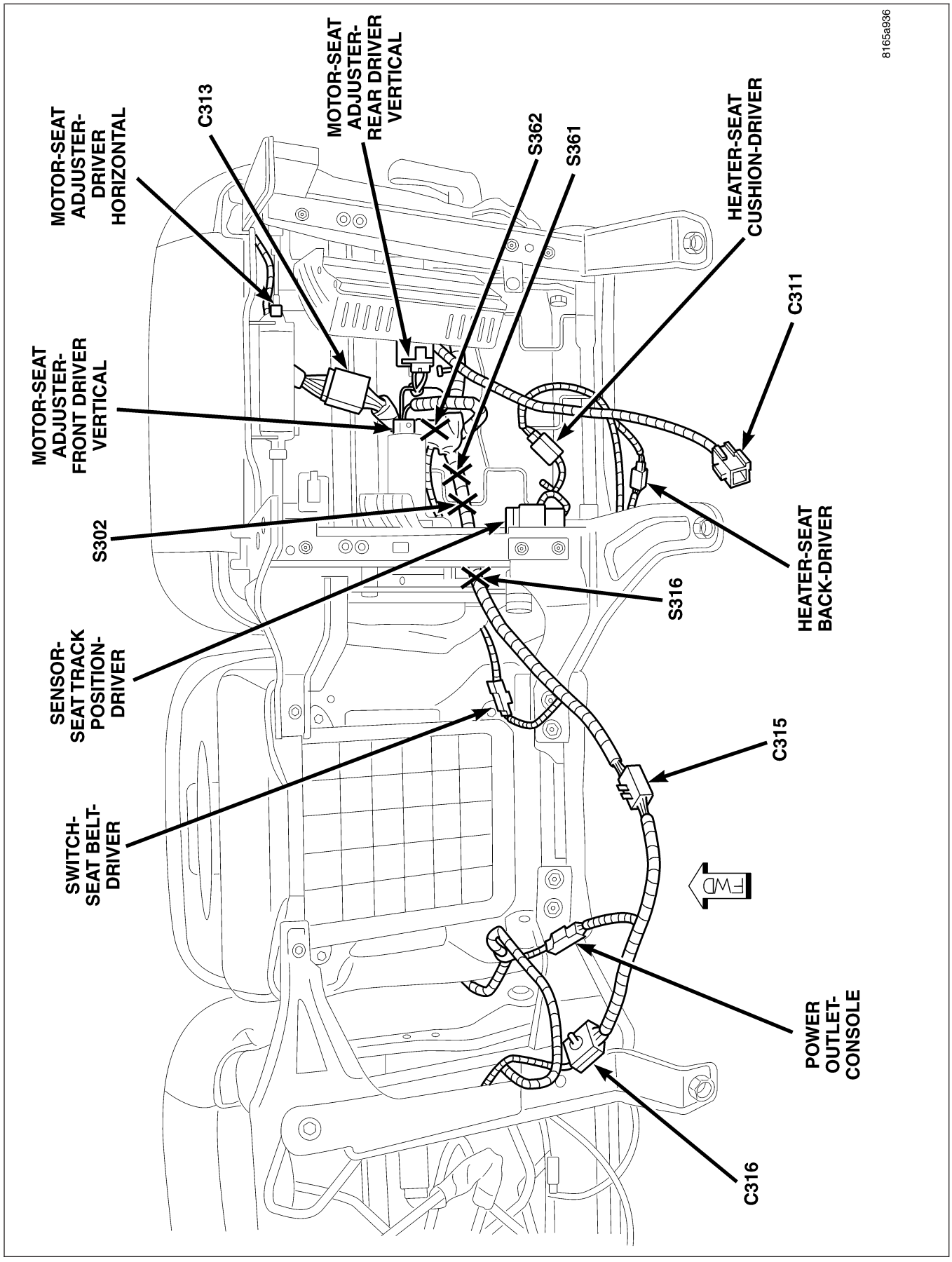


Fig. 68 CENTER AND DRIVER SEAT

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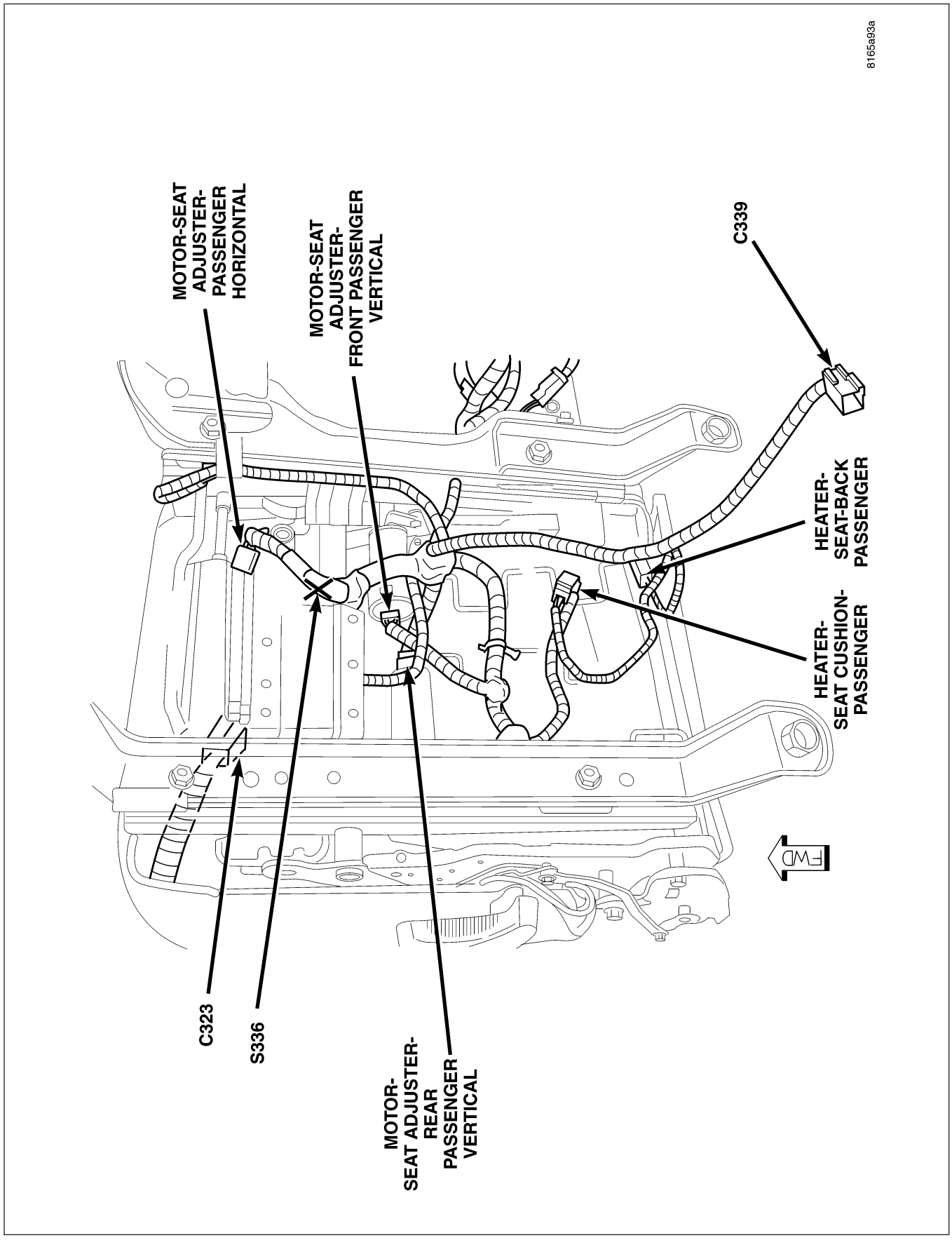


Fig. 69 PASSENGER SEAT

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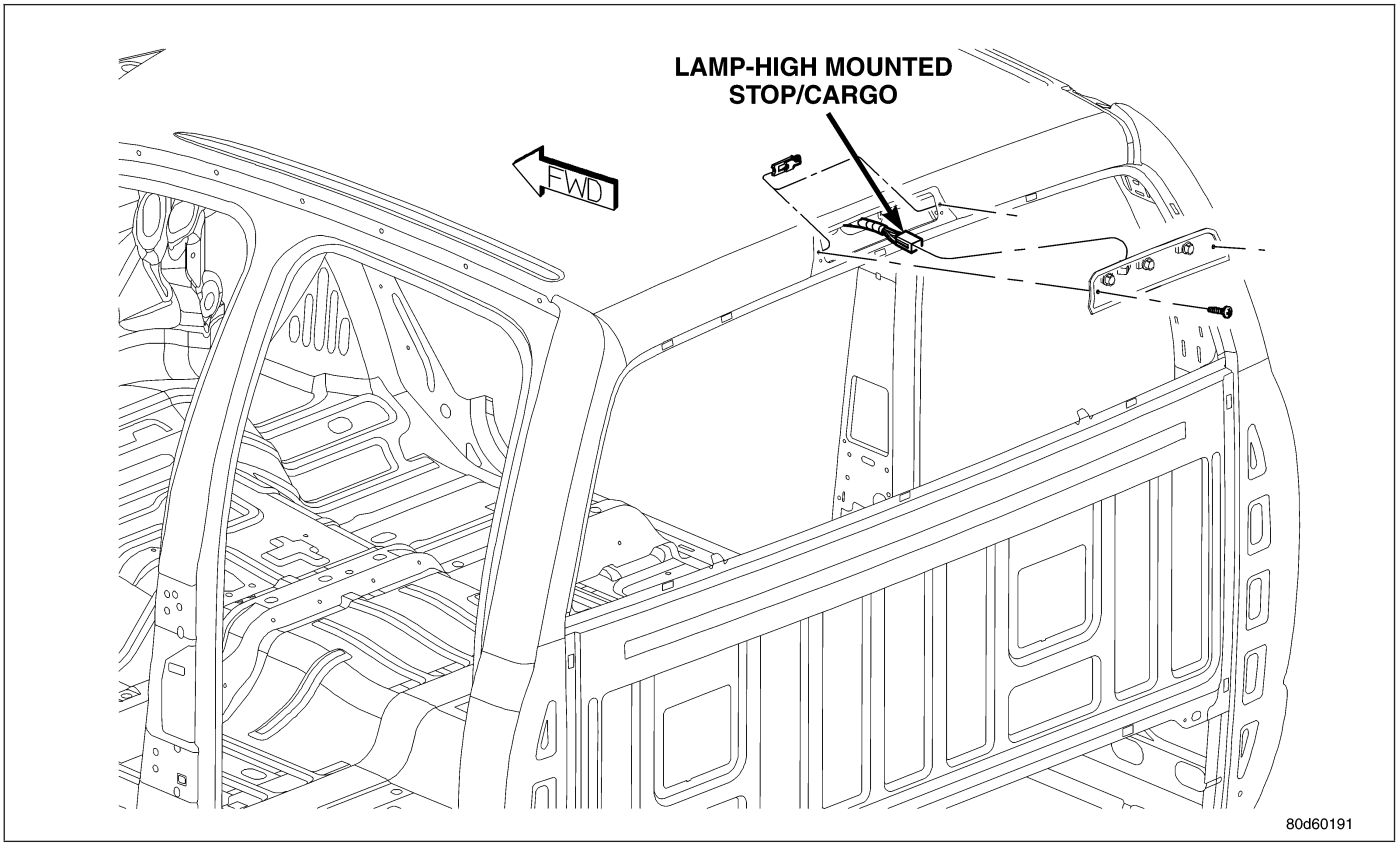


Fig. 70 REAR BODY

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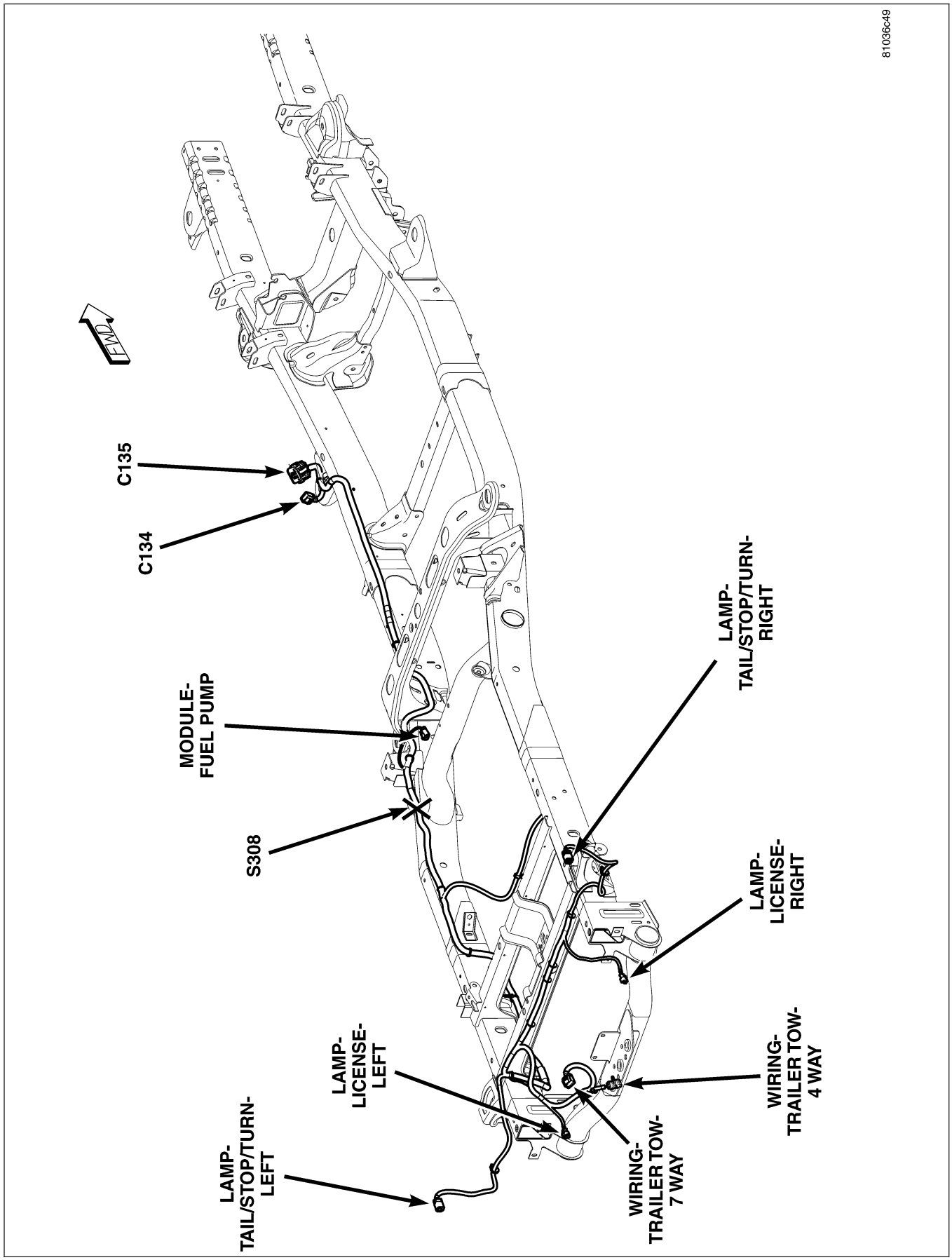


Fig. 71 CHASSIS

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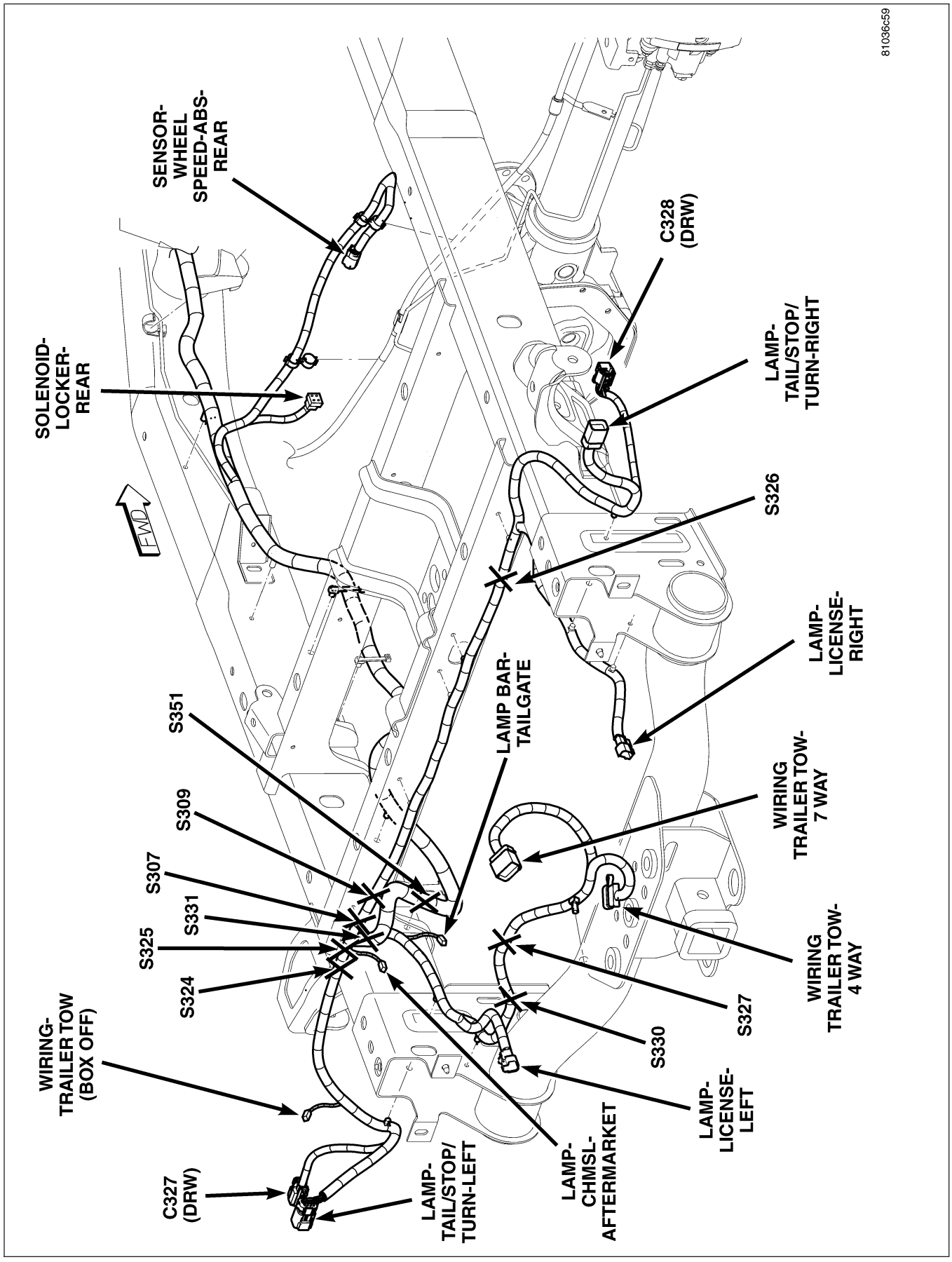


Fig. 72 REAR CHASSIS

https://truckmanualshub.com/

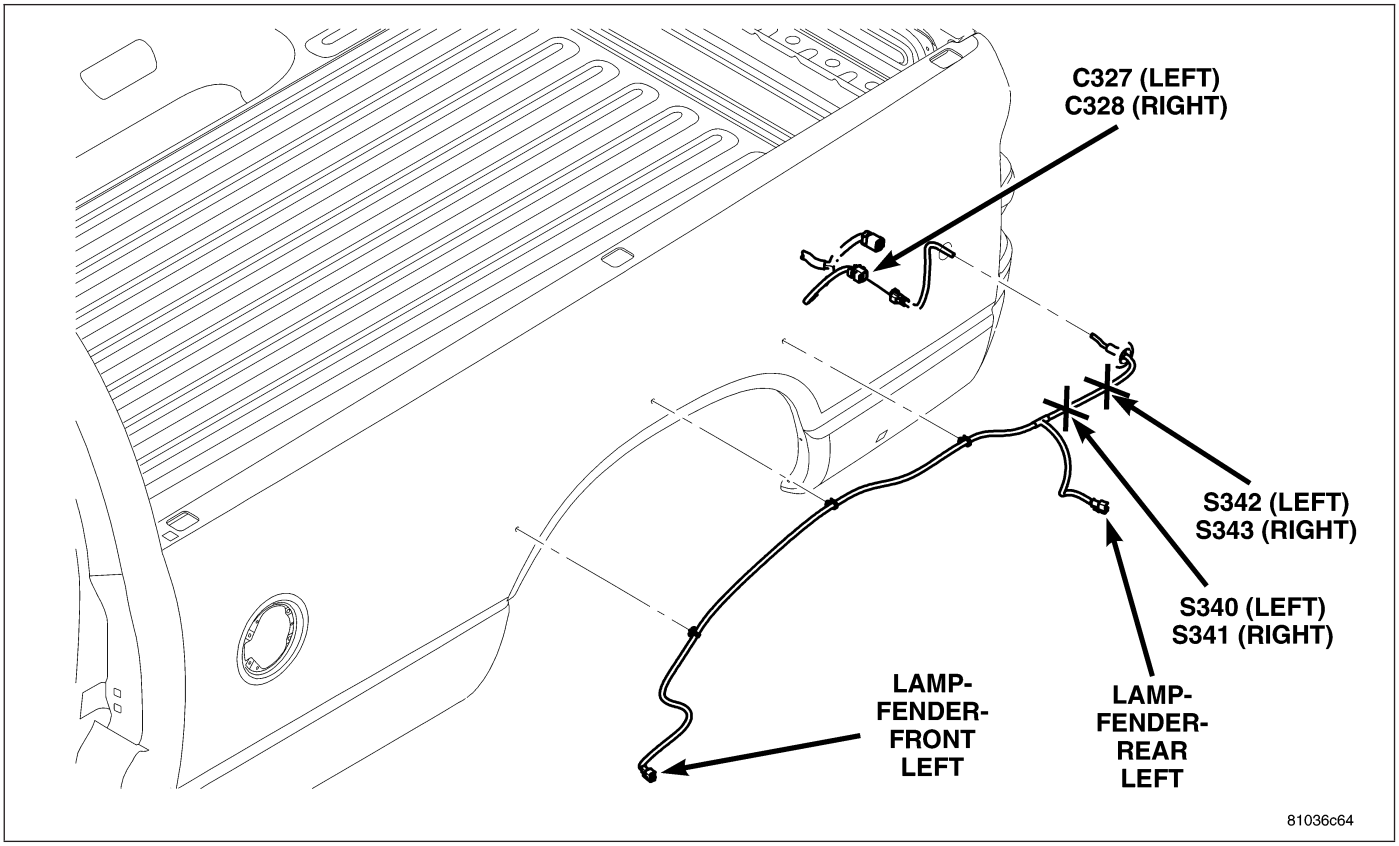


Fig. 73 LEFT REAR FENDER (RIGHT SIDE SIMILAR)

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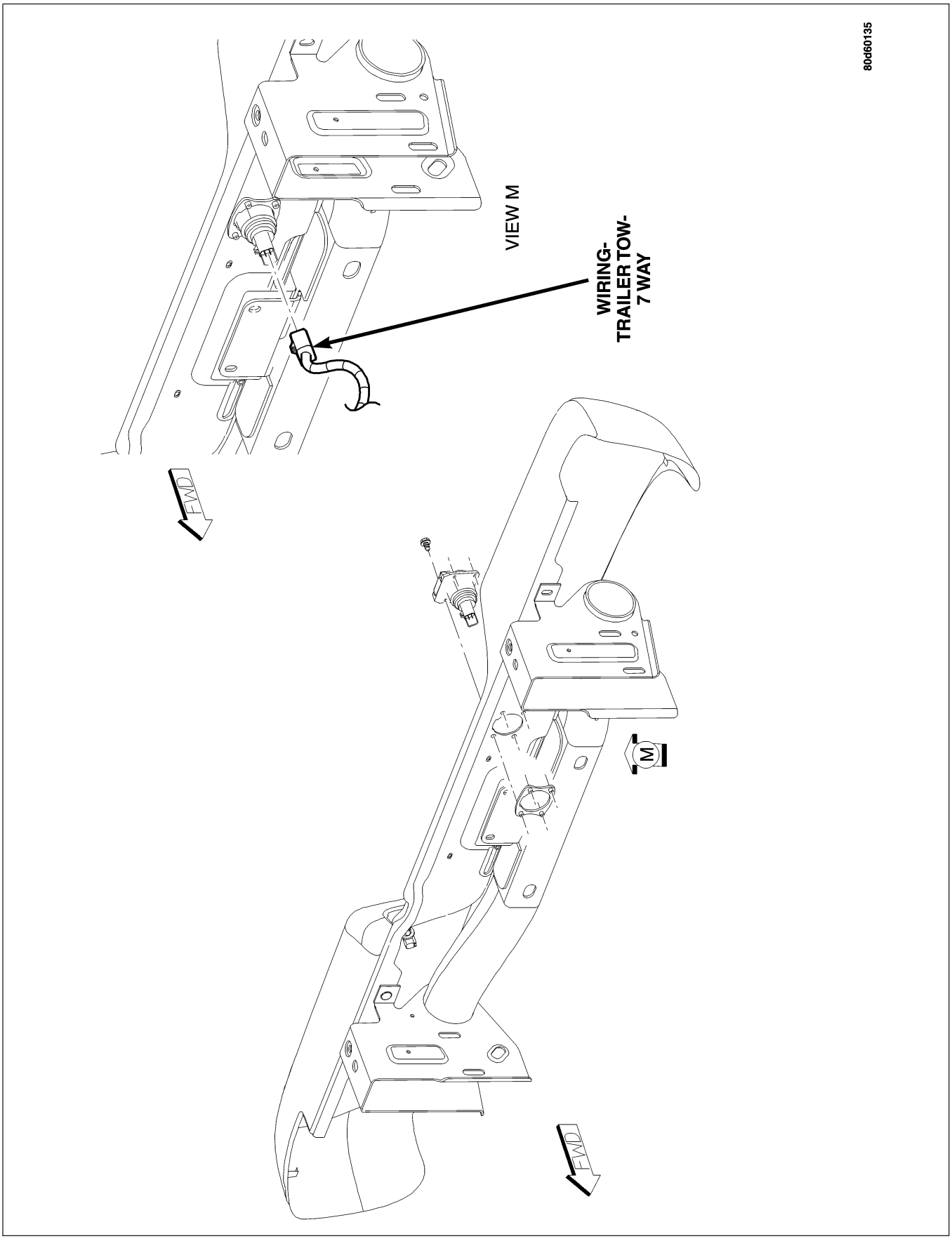


Fig. 74 REAR BUMPER

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8W-97 POWER DISTRIBUTION

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POWER DISTRIBUTION

DESCRIPTION

The power distribution system for this vehicle consists of the following components:

- Totally Integrated Power Module (TIPM)
- Cigar Lighter Outlets

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

- Automatic resetting circuit breakers
- Blade-type fuses
- Cartridge fuses
- Relays

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

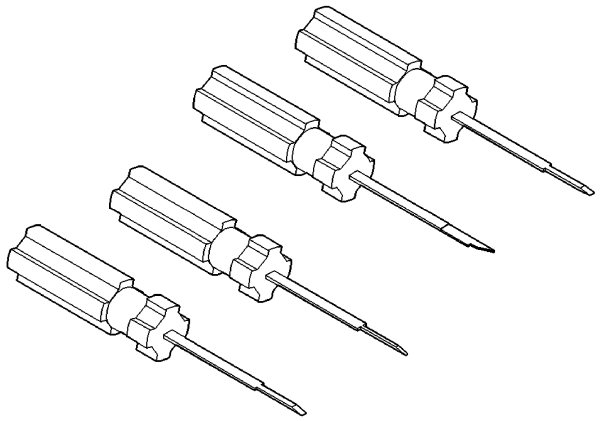
OPERATION

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

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SPECIAL TOOLS

POWER DISTRIBUTION SYSTEMS



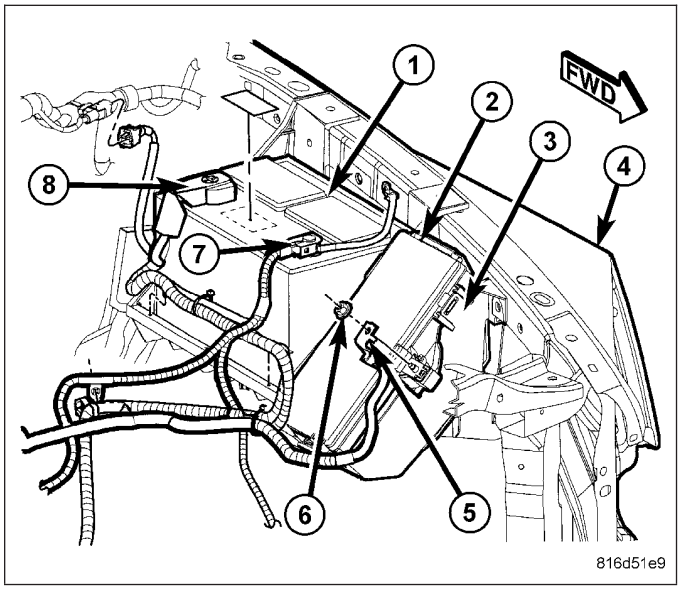
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MODULE-TOTALLY INTEGRATED POWER

DESCRIPTION

The Totally Integrated Power Module (2)(TIPM) is a combination unit that performs the functions of the Power Distribution Center (PDC) and the Front Control Module. The TIPM is a printed circuit board based module that contains fuses, internal relays and a microprocessor that performs the functions previously executed by the FCM. The TIPM (2) is located in the engine compartment, next to the battery (1) and connects directly to the B+ cable (5) via a stud located on top of the unit. The ground connection is via electrical connectors. The TIPM provides the primary means of voltage distribution and protection for the entire vehicle.

The molded plastic TIPM housing includes a base and cover. The TIPM cover is easily opened or removed for service and has a fuse and relay layout map integral to the inside surface of the cover. The TIPM housing base and cover are secured in place via mounting tabs. The mounting tabs secure the TIPM (2) to the battery tray mounting bracket (3).



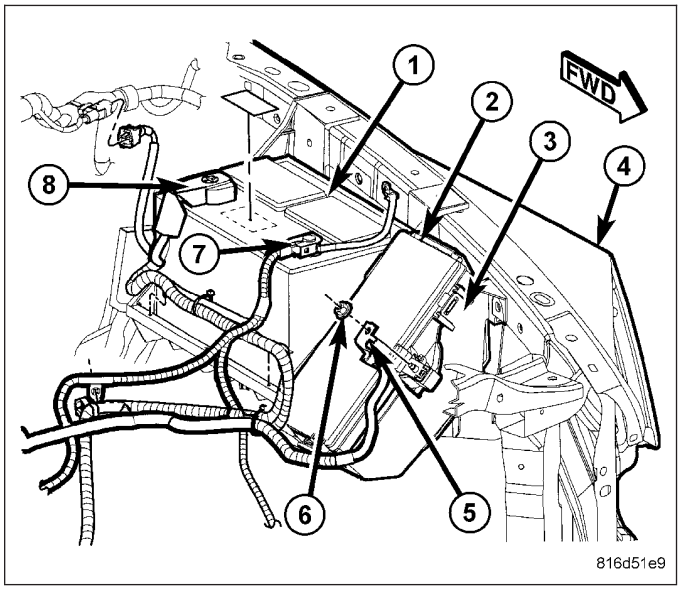
OPERATION

All of the current from the battery and the generator output enters the Totally Integrated Power Module (TIPM) via a stud on the top of the module. The TIPM cover is removed to access the fuses or relays. Internal connections of all of the power distribution center circuits is accomplished by a combination of bus bars and a printed circuit board.

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

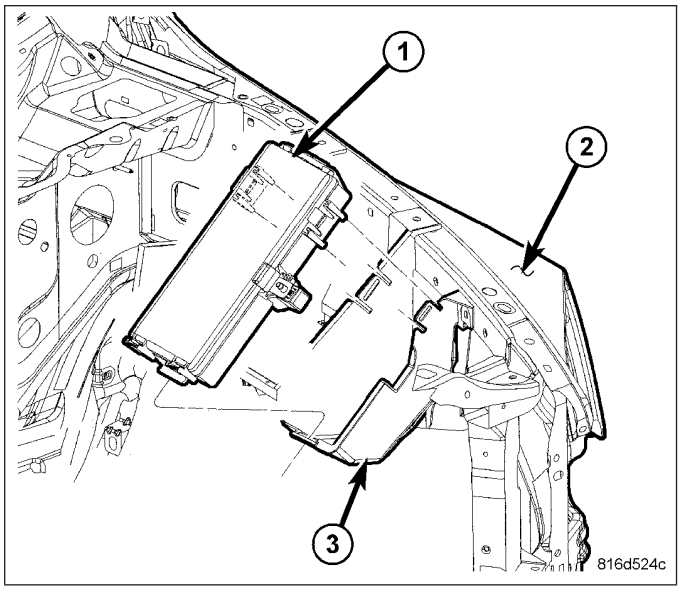
REMOVAL

1. Disconnect and isolate the battery negative cable.
2. Remove the B+ terminal nut (6) from the Totally Integrated Power Module (2)(TIPM) B+ terminal. Remove the B+ cable (5) from the TIPM (2).
3. Using a suitable flat blade tool, disengage the TIPM (2) upper retaining tabs from the battery tray bracket (3).

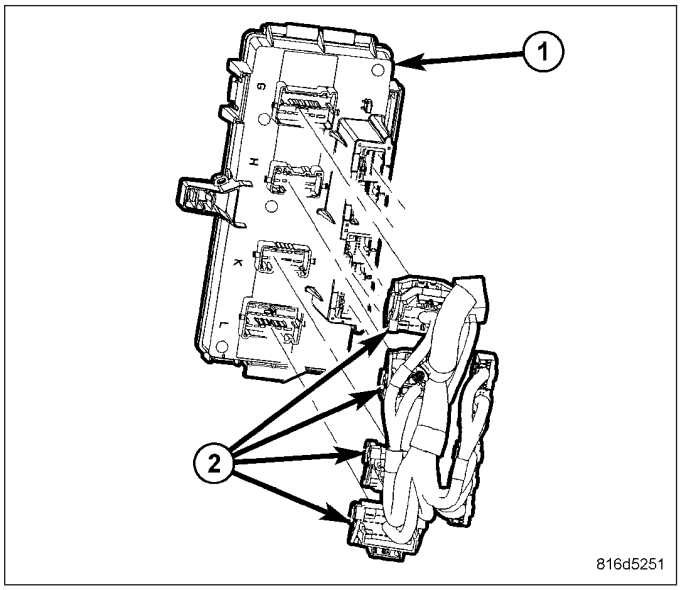


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4. Grasp the TIPM (1) and rotate the assembly up to free it from its mounting bracket (3). Position the assembly upside down to access the electrical connectors located on the bottom of the unit.



5. Disconnect the electrical connectors (2) by depressing the locking tab and rotating the connector arm outboard, until the connector is free from the TIPM assembly (1). Be certain to pull the connectors straight off.
6. Remove the TIPM (1) from the vehicle.



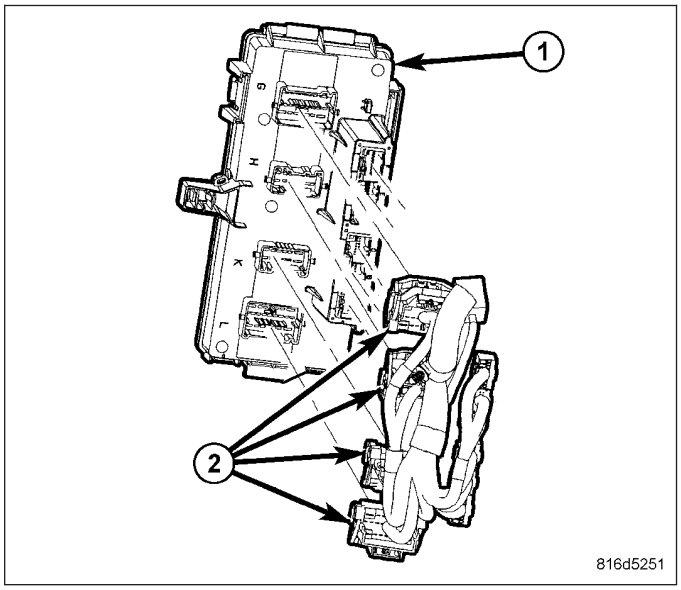
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INSTALLATION

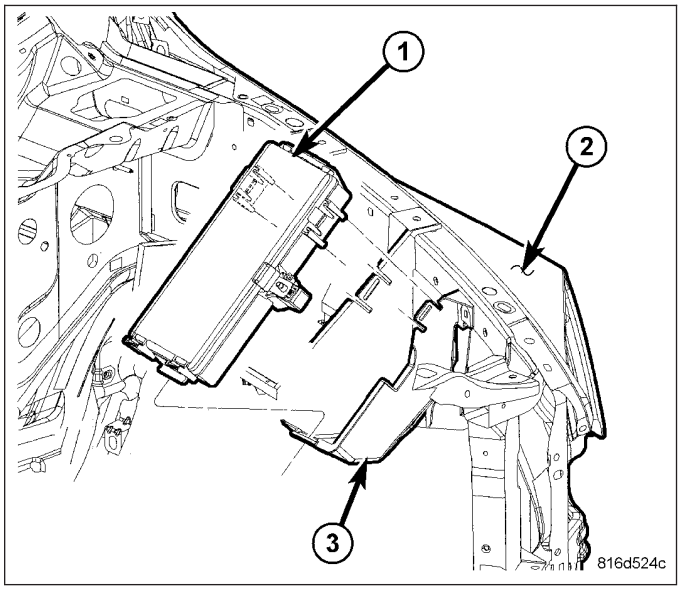
1. Position the Totally Integrated Power Module (1)(TIPM) into the vehicle.

NOTE: Totally Integrated power module electrical connectors are color coded to ease location reference.

2. Connect the electrical connectors (2) by pushing straight on and rotating the connector arm inboard, until the connector is firmly locked in place on the TIPM assembly (1).

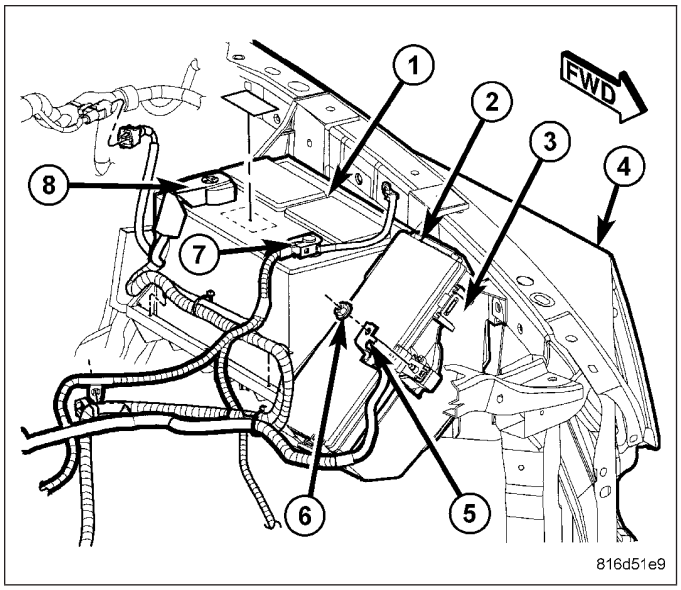


3. Turn the TIPM (1) so that the connector side is facing down. Install the assembly onto the TIPM battery tray bracket (3) making sure to line up the lower retaining tab with the retaining slot in the tray (1).
4. Push the TIPM (1) downward to lock the upper retaining clips into the bracket (3).



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5. Install the B+ terminal cable (5) and nut (6) on the B+ terminal of the TIPM (2).
6. Connect the battery negative cable.



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IOD FUSE

DESCRIPTION

All vehicles are equipped with an Ignition-Off Draw (IOD) fuse that is disconnected within the Totally Integrated Power Module (TIPM) when the vehicle is shipped from the factory. Dealer personnel are to reconnect the IOD fuse in the TIPM as part of the new vehicle preparation procedures and then disconnect it again until new vehicle delivery to the customer.

A laser printed fuse layout map is integral to the TIPM cover to ensure proper fuse identification. The IOD fuse is a 20 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 the TIPM cavity, and as a fuse holder that conveniently stores the fuse in the same cavity after it has been disconnected.

CIRCUITS INCLUDED WITH IOD FUSE

- Cluster (CCN)
- Diagnostic Connector
- Map Lamps
- Glove Box Lamp
- Courtesy Lamps
- Radio
- Underhood Lamp

OPERATION

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

The IOD fuse is disconnected from Integrated Power Module (IPM) fuse cavity # 51 when the vehicle is shipped from the assembly plant. Dealer personnel must reconnect the IOD fuse when the vehicle is being prepared for delivery in order to restore full electrical system operation. Once the vehicle is prepared for delivery, the IOD function of this fuse becomes transparent and the fuse that has been assigned the IOD designation becomes only another Fused B(+) circuit fuse.

The IOD fuse can be used by the vehicle owner as a convenient means of reducing battery depletion when a vehicle is to be stored for periods not to exceed about thirty days. However, it must be remembered that disconnecting the IOD fuse will not eliminate IOD, but only reduce this normal condition. If a vehicle will be stored for more than about thirty days, the battery negative cable should be disconnected to eliminate normal IOD; and, the battery should be tested and recharged at regular intervals during the vehicle storage period to prevent the battery from becoming discharged or damaged.

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POWER OUTLET-INSTRUMENT PANEL

DESCRIPTION

A cigar lighter outlet is installed to the left of the center stack area in the lower instrument panel. The cigar lighter outlet is secured by a snap fit within the bezel.

The cigar lighter outlet, plastic cap and the knob and heating element unit are available for service replacement. These components cannot be repaired and, if inoperative or damaged, they must be replaced.

OPERATION

The cigar lighter consists of two major components: a knob and heating element unit, and the cigar lighter base or outlet shell. The receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The cigar lighter receives battery voltage from a fuse in the Integrated Power Module (IPM) when the ignition switch is in the Accessory or Run positions.

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

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

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

DIAGNOSIS AND TESTING

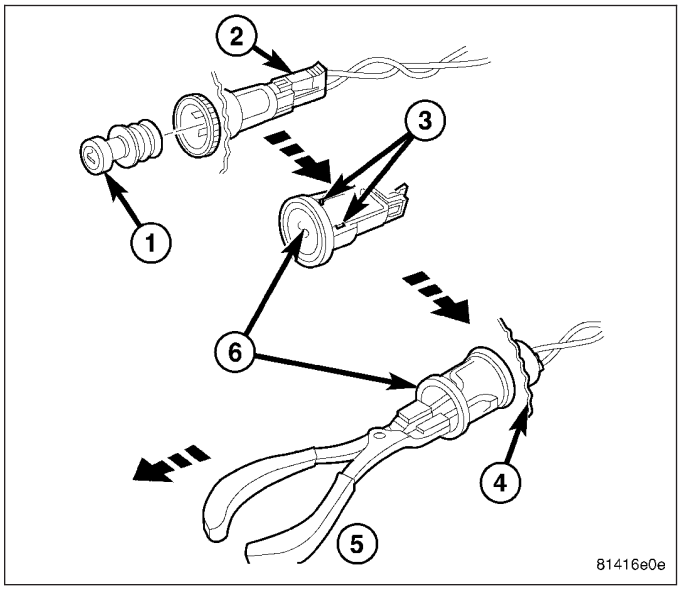
CIGAR LIGHTER OUTLET

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

1. Check the fused B(+) fuse in the Integrated Power Module (IPM). If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the inoperative fuse.
2. Turn the ignition switch to the Run position. Check for battery voltage at the fused B(+) fuse in the IPM. If OK, go to Step 3. If not OK, repair the open or short as required.
3. Remove the cigar lighter knob and element from the cigar lighter outlet shell. Check for continuity between the inside circumference of the cigar lighter outlet shell and a good ground. there should be continuity. If OK, go to Step 4. If not OK, go to Step 5.
4. Turn the ignition switch to the Run position. Check for battery voltage at the insulated contact located at the back of the cigar lighter outlet shell. If OK, replace the inoperative cigar lighter knob and element. If not OK, go to Step 5.
5. Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.
6. Connect the battery negative cable. Turn the ignition switch to the Accessory or Run positions. Check for battery voltage at the fused B(+) circuit cavity of the cigar lighter wire harness connector. If OK, replace the inoperative cigar lighter outlet. If not OK, repair the open fused B(+) circuit to the IPM fuse as required.

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REMOVAL



1. Disconnect and isolate the battery negative cable.
2. Pull the cigar lighter knob and element (1) out of the cigar lighter receptacle base (6), or unsnap the protective cap from the power outlet receptacle base (6).
3. Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses (3) of the mount that secures the receptacle base to the panel (4).
4. Insert a pair of external snap ring pliers (5) into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.
5. Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.
6. Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector (2).
7. Disconnect the instrument panel wire harness connector (2) from the cigar lighter or power outlet receptacle base (6).
8. Remove the cigar lighter or power outlet mount from the instrument panel.

INSTALLATION

1. Connect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.
2. Install the cigar lighter or power outlet mount into the instrument panel.
3. Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.
4. Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.
5. Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.
6. Connect the battery negative cable.

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POWER OUTLET-CONSOLE

DESCRIPTION

Two power outlets are utilized on this model. One in the instrument panel center lower bezel and the other in the center console. The power outlet bases are secured by a snap fit within the instrument panel or trim panel. A plastic protective cap snaps into the power outlet base when the power outlet is not being used, and hangs from the power outlet base mount by an integral bail strap while the power outlet is in use.

The power outlet receptacle unit and the accessory power outlet protective cap are available for service. The power outlet receptacle cannot be repaired and, if faulty or damaged, it must be replaced.

OPERATION

The power outlet base or receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The power outlet receives battery voltage from a fuse in the integrated power module at all times.

While the power outlet is very similar to a cigar lighter base unit, it does not include the two small spring-clip retainers inside the bottom of the receptacle shell that are used to secure the cigar lighter heating element to the insulated contact.

DIAGNOSIS AND TESTING

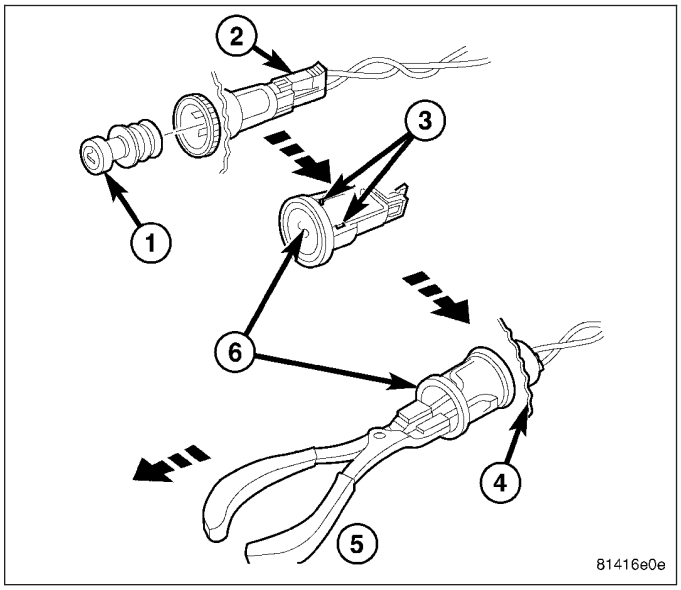
POWER OUTLET

For complete circuit diagrams, refer to the appropriate wiring information. The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

1. Check the fused B(+) fuse in the Integrated Power Module (IPM). If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the inoperative fuse.
2. Turn the ignition switch to the Run position. Check for battery voltage at the fused B(+) fuse in the IPM. If OK, go to Step 3. If not OK, repair the open or short as required.
3. Remove the cigar lighter knob and element from the cigar lighter outlet shell. Check for continuity between the inside circumference of the cigar lighter outlet shell and a good ground. there should be continuity. If OK, go to Step 4. If not OK, go to Step 5.
4. Turn the ignition switch to the Run position. Check for battery voltage at the insulated contact located at the back of the cigar lighter outlet shell. If OK, replace the inoperative cigar lighter knob and element. If not OK, go to Step 5.
5. Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.
6. Connect the battery negative cable. Turn the ignition switch to the Accessory or Run positions. Check for battery voltage at the fused B(+) circuit cavity of the cigar lighter wire harness connector. If OK, replace the inoperative cigar lighter outlet. If not OK, repair the open fused B(+) circuit to the IPM fuse as required.

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REMOVAL



1. Disconnect and isolate the battery negative cable.
2. Pull the cigar lighter knob and element (1) out of the cigar lighter receptacle base (6), or unsnap the protective cap from the power outlet receptacle base (6).
3. Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses (3) of the mount that secures the receptacle base to the panel (4).
4. Insert a pair of external snap ring pliers (5) into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.
5. Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.
6. Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector (2).
7. Disconnect the instrument panel wire harness connector (2) from the cigar lighter or power outlet receptacle base (6).
8. Remove the cigar lighter or power outlet mount from the instrument panel.

INSTALLATION

1. Connect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.
2. Install the cigar lighter or power outlet mount into the instrument panel.
3. Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.
4. Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.
5. Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.
6. Connect the battery negative cable.

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