# WIRING

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# 8W-01 WIRING DIAGRAM INFORMATION

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# WIRING DIAGRAM INFORMATION

## DESCRIPTION

## DESCRIPTION - HOW TO USE WIRING DIAGRAMS

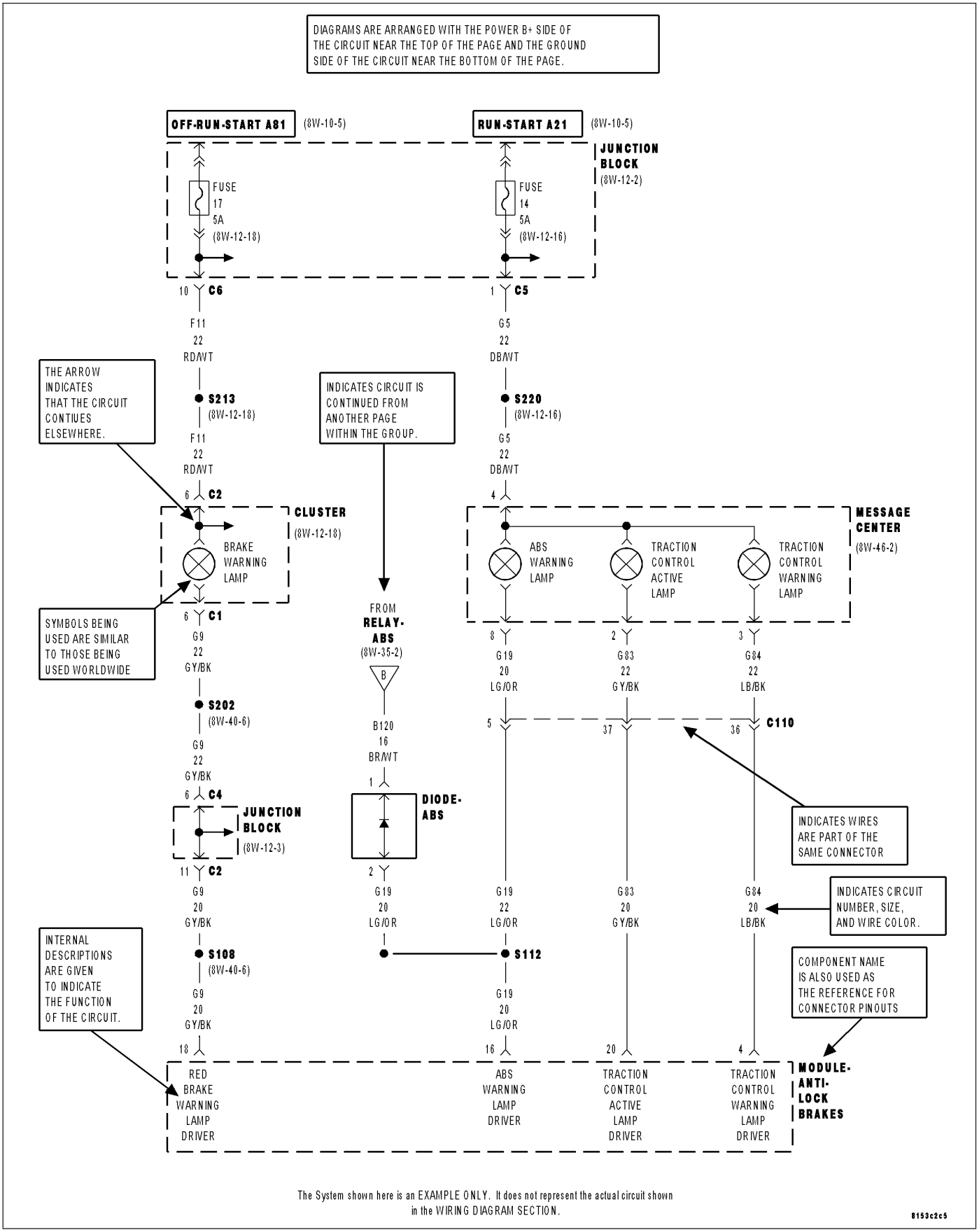
DaimlerChrysler Corporation wiring diagrams are designed to provide information regarding the vehicles wiring content. In order to effectively use the wiring diagrams to diagnose and repair DaimlerChrysler Corporation vehicles, it is important to understand all of their features and characteristics.

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.

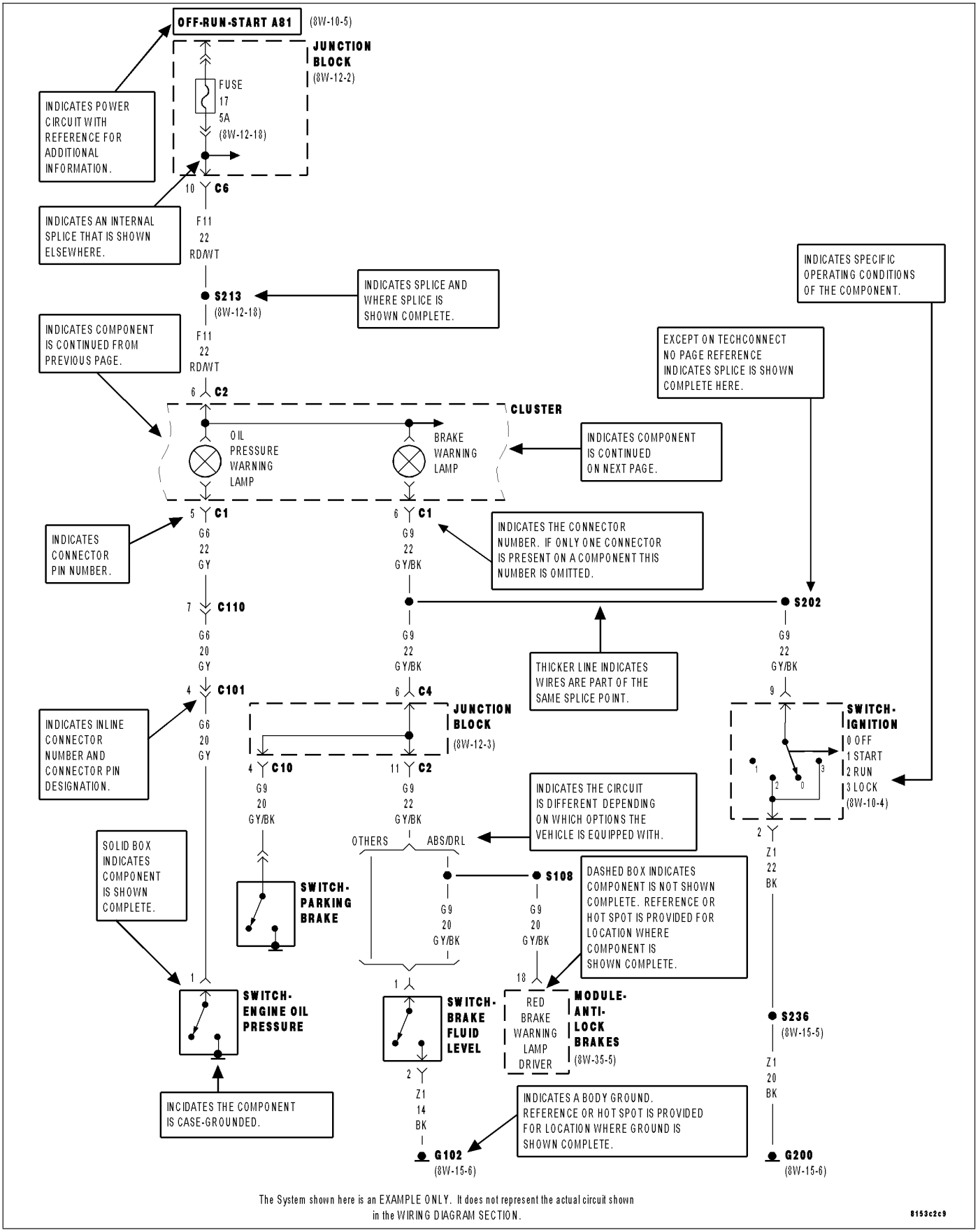
Components are shown two ways. A solid line around a component indicates that the component is complete. A dashed line around the component indicates that the component is being shown is not complete. Incomplete components have a reference number to indicate the page where the component is shown complete.

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.




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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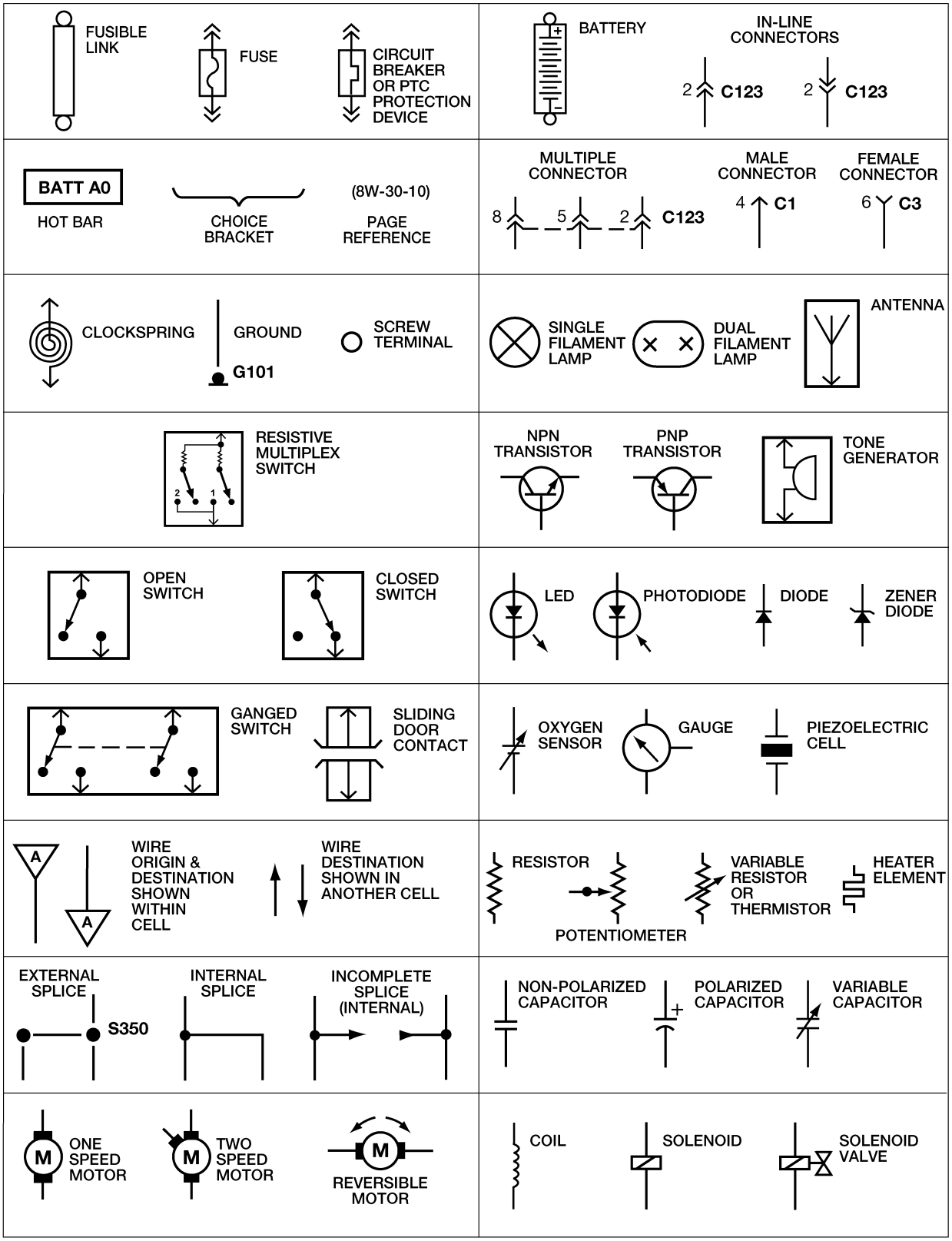



The System shown here is an EXAMPLE ONLY. It does not represent the actual circuit shown in the WIRING DIAGRAM SECTION.

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## SYMBOLS

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


FUSIBLE LINK
FUSE
CIRCUIT BREAKER OR PTC PROTECTION DEVICE
BATTERY
IN-LINE CONNECTORS
2 C123
2 C123
BATT A0
HOT BAR
CHOICE BRACKET
(8W-30-10)
PAGE REFERENCE
MULTIPLE CONNECTOR
8 5 2 C123
MALE CONNECTOR
4 C1
FEMALE CONNECTOR
6 C3
CLOCKSPRING
GROUND
G101
SCREW TERMINAL
SINGLE FILAMENT LAMP
DUAL FILAMENT LAMP
ANTENNA
RESISTIVE MULTIPLEX SWITCH
2
1
NPN TRANSISTOR
PNP TRANSISTOR
TONE GENERATOR
OPEN SWITCH
CLOSED SWITCH
LED
PHOTODIODE
DIODE
ZENER DIODE
GANGED SWITCH
SLIDING DOOR CONTACT
OXYGEN SENSOR
GAUGE
PIEZOELECTRIC CELL
A
A
WIRE ORIGIN & DESTINATION SHOWN WITHIN CELL
WIRE DESTINATION SHOWN IN ANOTHER CELL
RESISTOR
POTENTIOMETER
VARIABLE RESISTOR OR THERMISTOR
HEATER ELEMENT
EXTERNAL SPLICE
S350
INTERNAL SPLICE
INCOMPLETE SPLICE (INTERNAL)
NON-POLARIZED CAPACITOR
POLARIZED CAPACITOR
VARIABLE CAPACITOR
M
ONE SPEED MOTOR
M
TWO SPEED MOTOR
M
REVERSIBLE MOTOR
COIL
SOLENOID
SOLENOID VALVE

80910c6b

## TERMINOLOGY

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

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

## DESCRIPTION - CIRCUIT INFORMATION

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

### WIRE COLOR CODE CHART

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

## DESCRIPTION - CIRCUIT FUNCTIONS

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

**CIRCUIT IDENTIFICATION CODE CHART**

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

## DESCRIPTION - SECTION IDENTIFICATION AND INFORMATION

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

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

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

## DESCRIPTION - CONNECTOR, GROUND AND SPLICE INFORMATION

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

### IDENTIFICATION

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

- In-line connectors located in the engine compartment are C100 series numbers.
- In-line connectors located in the instrument panel area are C200 series numbers.
- In-line connectors located in the body are C300 series numbers.
- Jumper harness connectors are C400 series numbers.
- Grounds and ground connectors are identified with a “G” and follow the same series numbering as the in-line connectors.
- Splices are identified with an “S” and follow the same series numbering as the in-line connectors. 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.**

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

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

# DIAGNOSIS AND TESTING - WIRING HARNESS

## TROUBLESHOOTING TOOLS

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

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

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

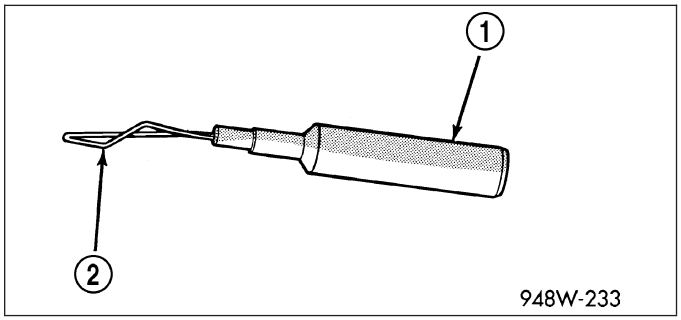
- Voltmeter - Used to check for voltage on a circuit. Always connect the black lead to a known good ground and the red lead to the positive side of the circuit.

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

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

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

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




## INTERMITTENT AND POOR CONNECTIONS

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

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

## TROUBLESHOOTING WIRING PROBLEMS

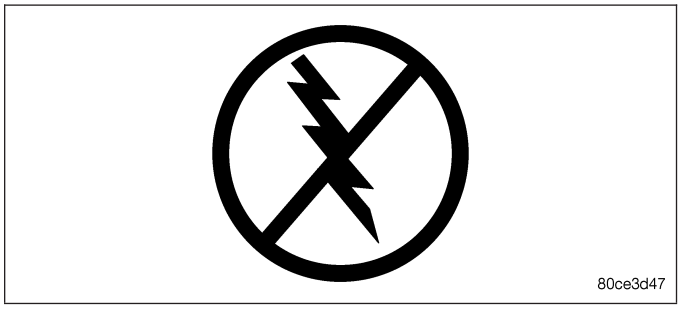
When troubleshooting wiring problems there are six steps which can aid in the procedure. The steps are listed and explained below. Always check for non-factory items added to the vehicle before doing any diagnosis. If the vehicle is equipped with these items, disconnect them to verify these add-on items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

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

## STANDARD PROCEDURE

## STANDARD PROCEDURE - ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES

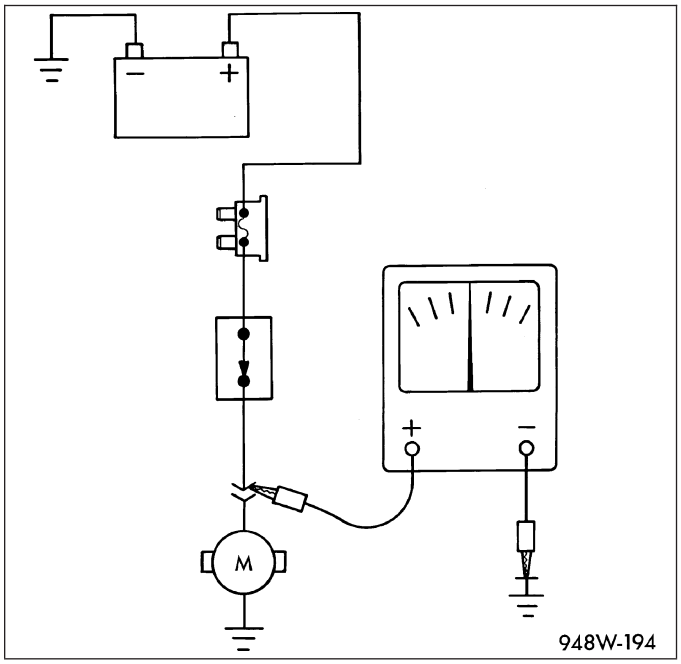
All ESD sensitive components are solid state and a symbol is used to indicate this. When handling any component with this symbol, comply with the following procedures to reduce the possibility of electrostatic charge build up on the body and inadvertent discharge into the component. If it is not known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




1. Always touch a known good ground before handling the part. This should be repeated while handling the part and more frequently after sliding across a seat, sitting down from a standing position, or walking a distance.
2. Avoid touching electrical terminals of the part, unless instructed to do so by a written procedure.
3. When using a voltmeter, be sure to connect the ground lead first.
4. Do not remove the part 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.

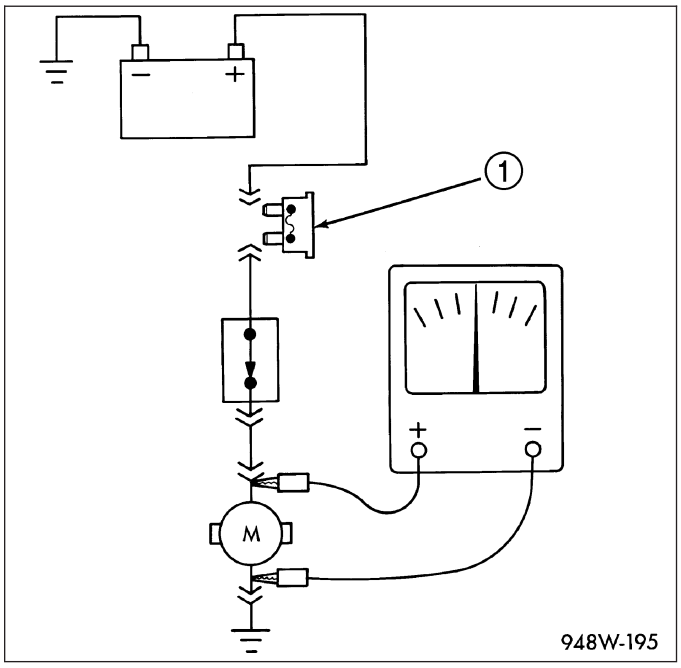
## STANDARD PROCEDURE - TESTING OF VOLTAGE POTENTIAL

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




## STANDARD PROCEDURE - TESTING FOR CONTINUITY

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




## STANDARD PROCEDURE - TESTING FOR A SHORT TO GROUND

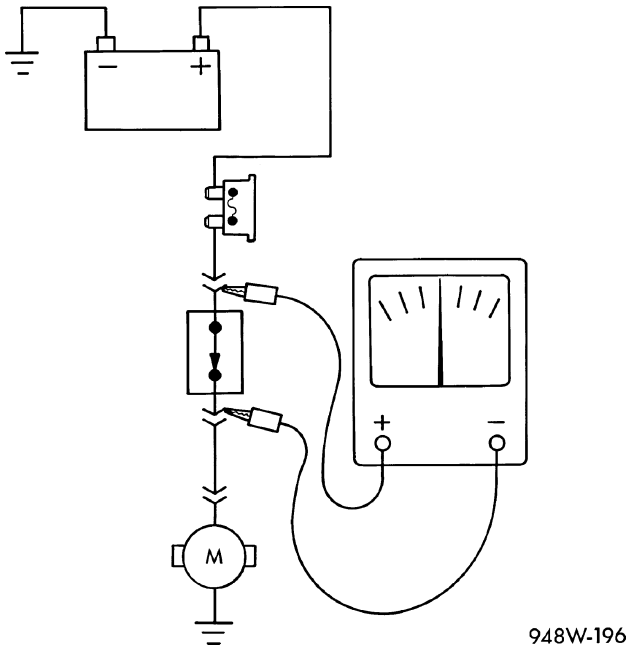
1. Remove the fuse and disconnect all items involved with the fuse.
2. Connect a test light or a voltmeter across the terminals of the fuse.
3. Starting at the fuse block, wiggle the wiring harness about six to eight inches apart and watch the voltmeter/test lamp.
4. If the voltmeter registers voltage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

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

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

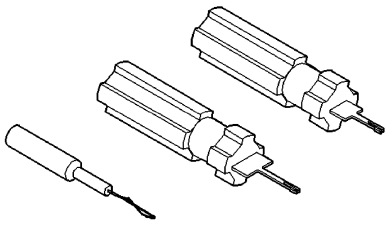
## STANDARD PROCEDURE - TESTING FOR A VOLTAGE DROP

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

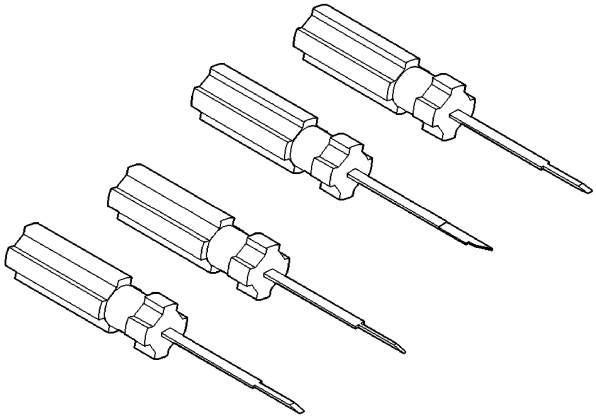


## SPECIAL TOOLS

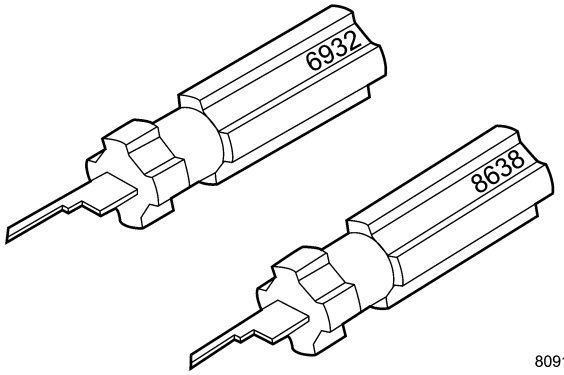
## WIRING/TERMINAL



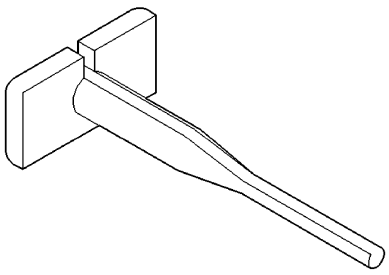
*PROBING TOOL PACKAGE 6807*



*TERMINAL PICK TOOL SET 6680*




*TERMINAL REMOVING TOOLS 6932 AND 8638*

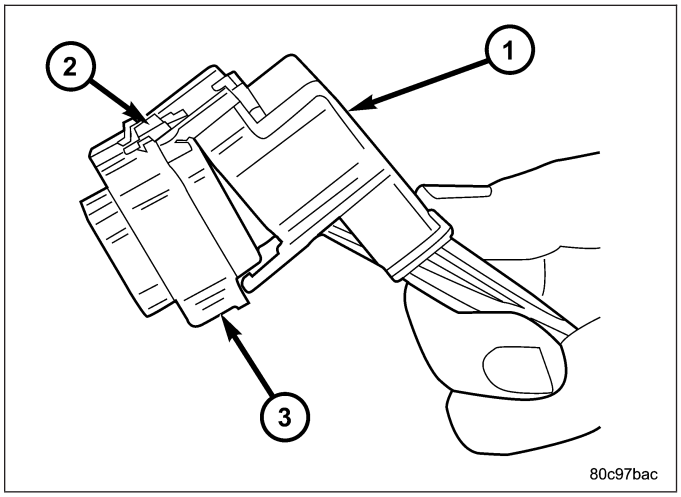


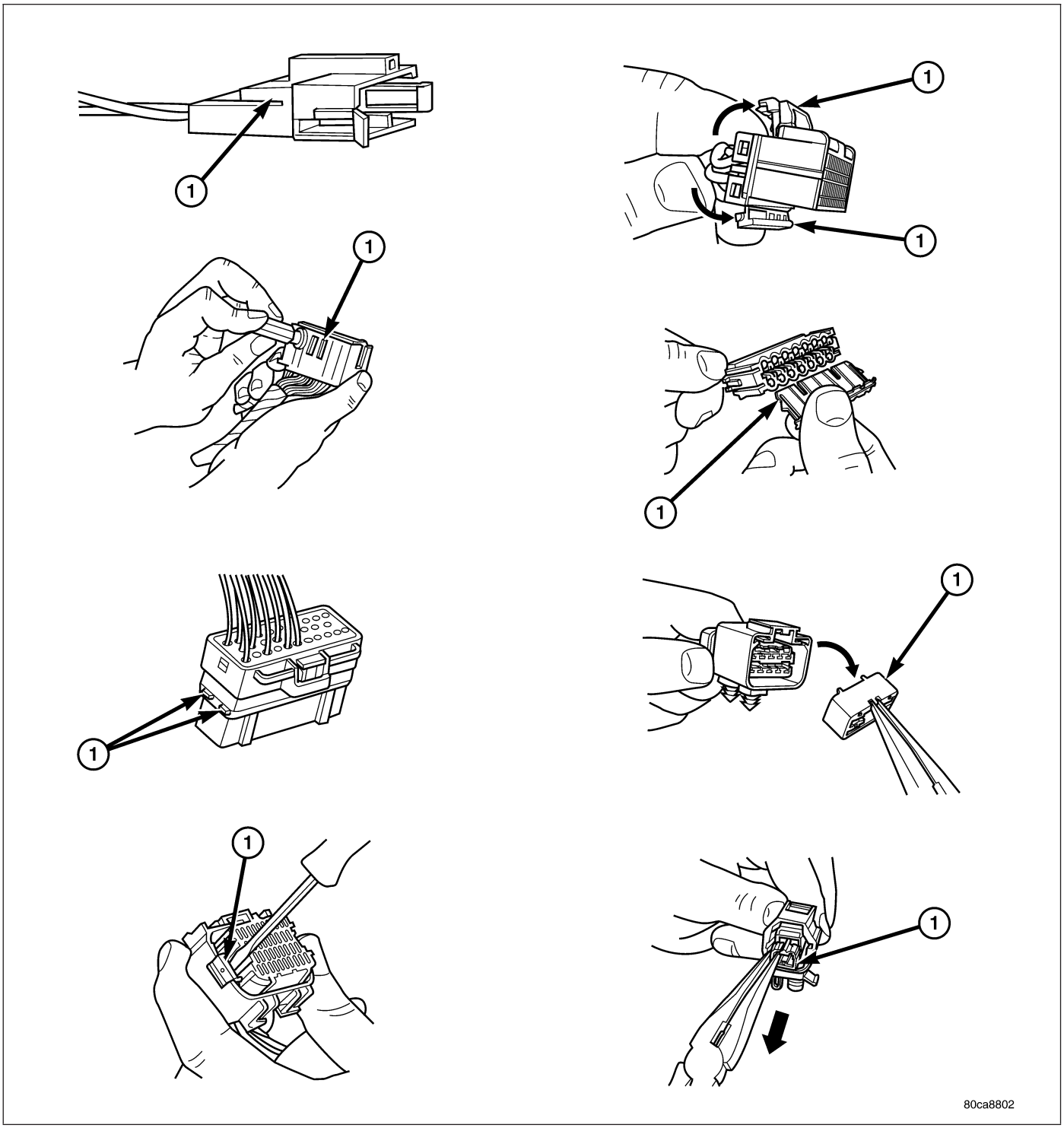
*TERMINAL REMOVING TOOL 6934*

# CONNECTOR

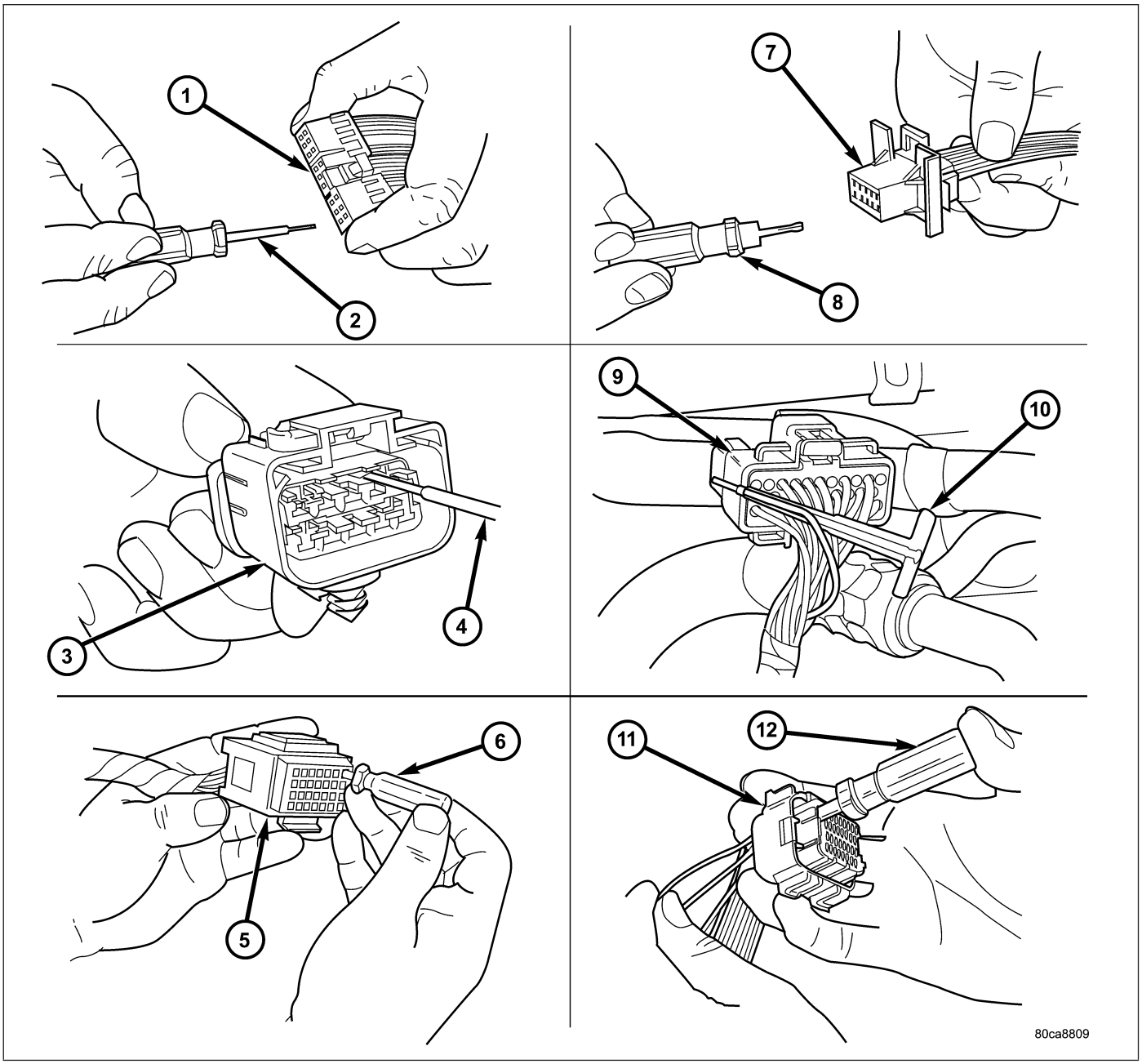
## REMOVAL

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






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




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

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

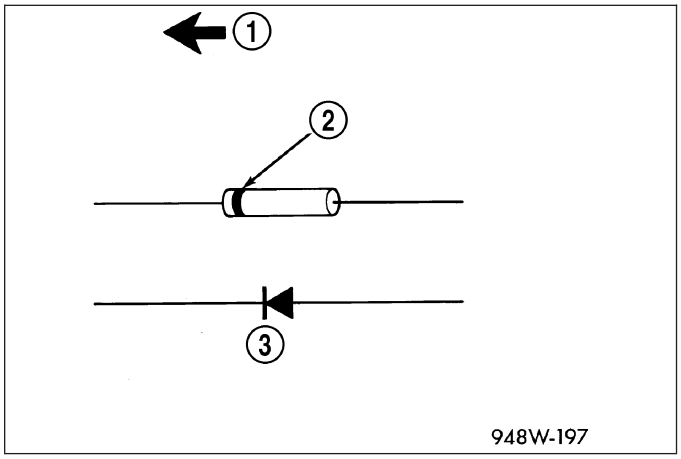
## INSTALLATION

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

# DIODE

## REMOVAL

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




## INSTALLATION

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

# TERMINAL

## REMOVAL

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

## INSTALLATION

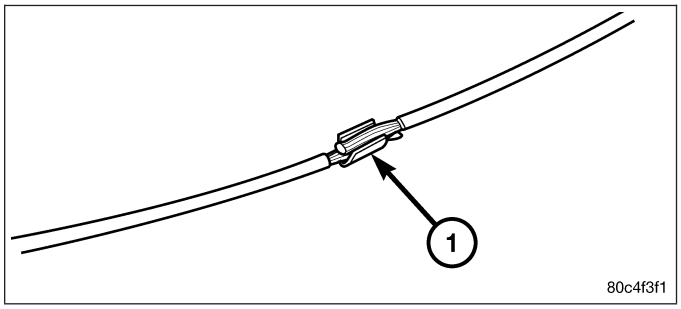
1. Select a wire from the terminal repair kit that best matches the color and gage of the wire being repaired.
2. Cut the repair wire to the proper length and remove one–half (1/2) inch of insulation.
3. Splice the repair wire to the wire harness (see wire splicing procedure) (Refer to 8 - ELECTRICAL/WIRING 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.

# WIRE

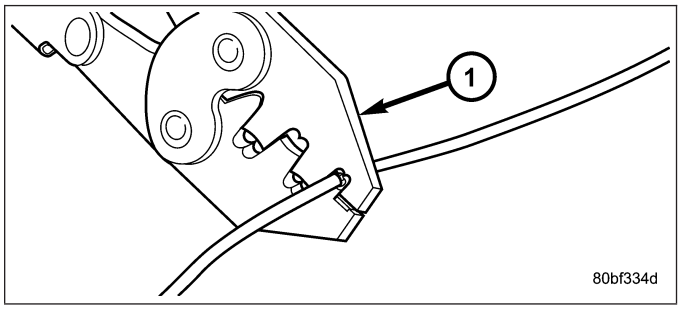
## STANDARD PROCEDURE - WIRE SPLICING

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

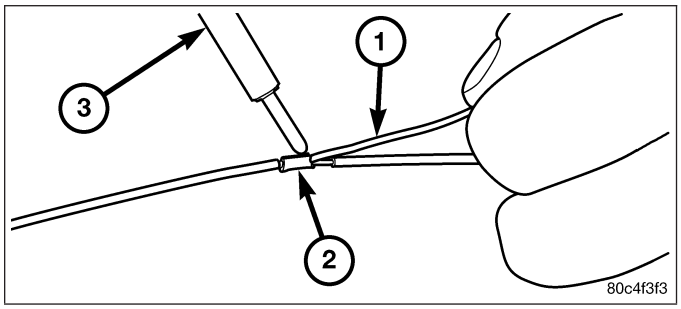
1. Remove one-half (1/2) inch of insulation from each wire that needs to be spliced.
2. Place a piece of adhesive lined heat shrink tubing on one side of the wire. Make sure the tubing will be long enough to cover and seal the entire repair area.
3. Place the strands of wire overlapping each other inside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




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

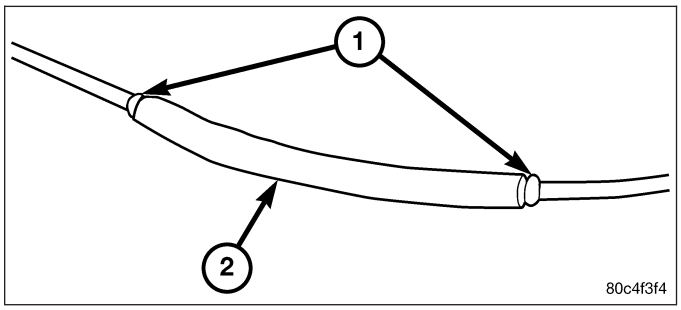



5. Solder (3) the connection (2) together using rosin core type solder (1) only.




**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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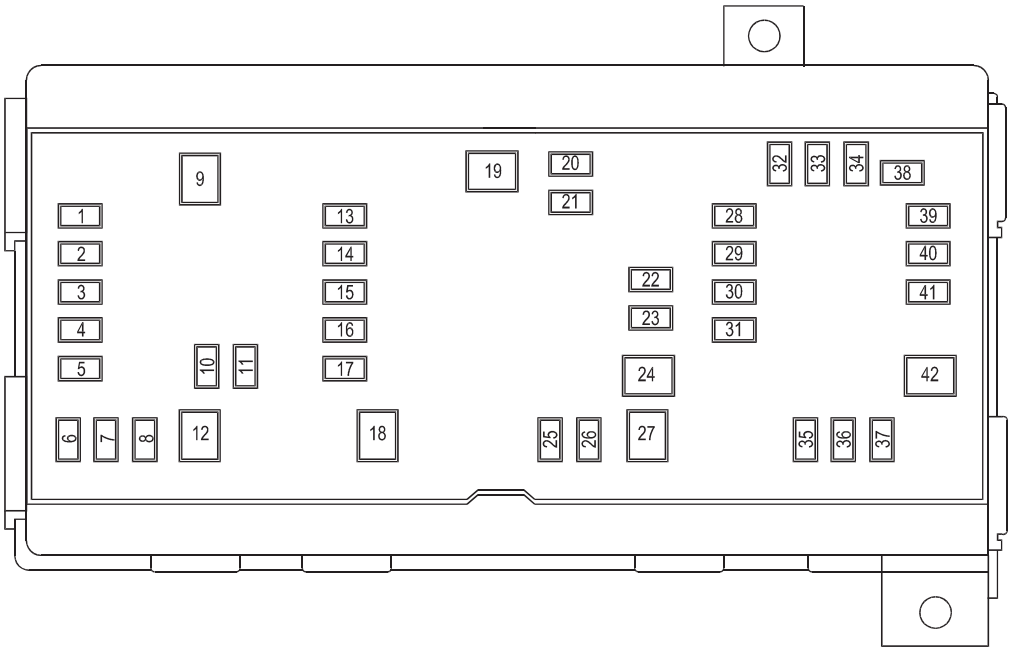
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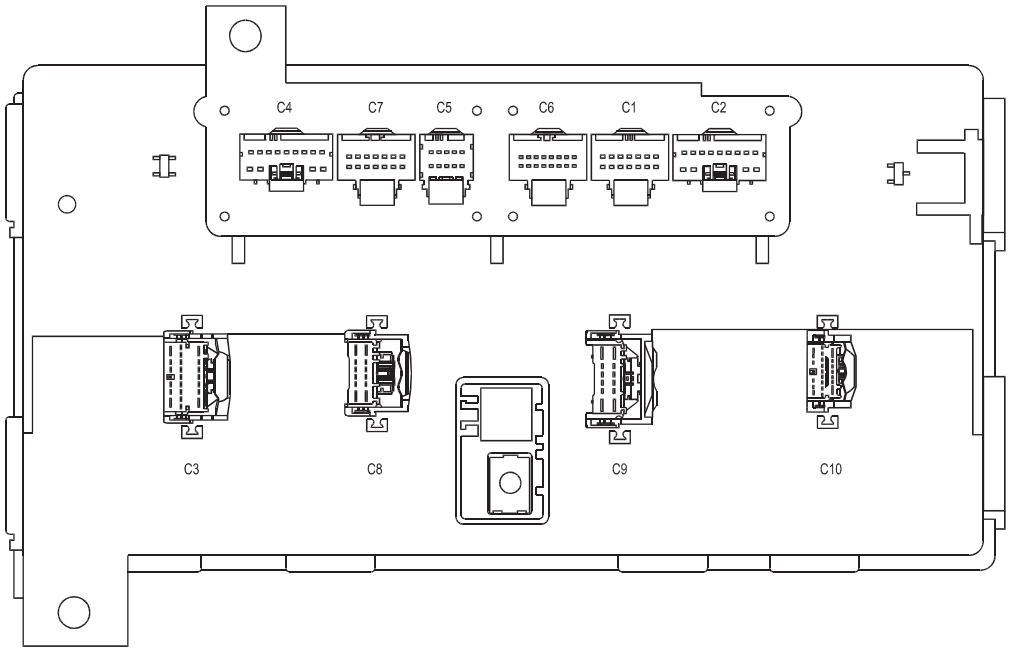
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MODULE-
TOTALLY INTEGRATED POWER
(FRONT VIEW)



MODULE-
TOTALLY INTEGRATED POWER
(REAR VIEW)



**FUSES**
**(TIPM)**

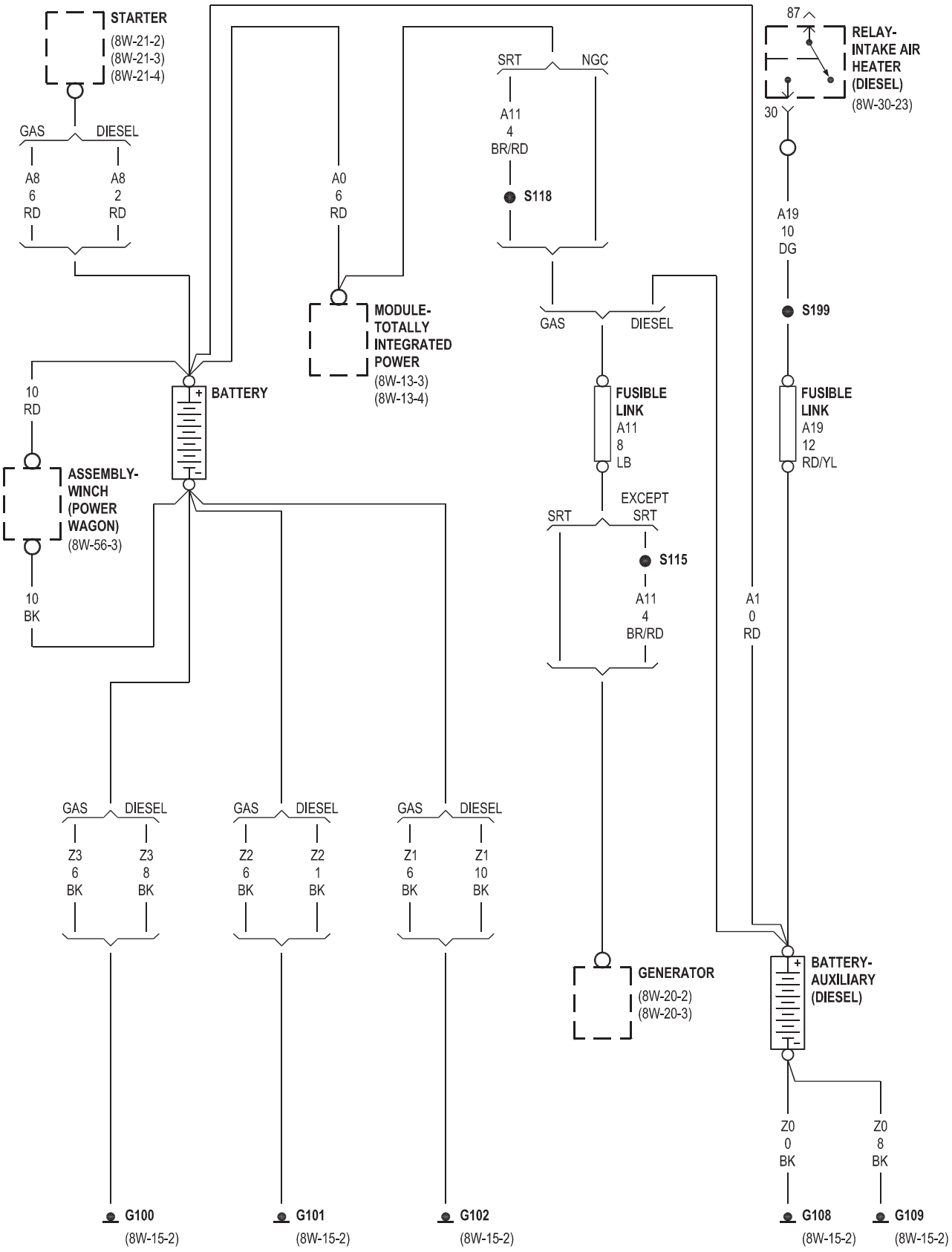
| FUSE NO. | AMPS | FUSED CIRCUIT | FUNCTION |
|---|---|---|---|
| 1 | 20A | A405 18RD/DB | FUSED B(+) |
| 2 | 20A | A941 18RD | FUSED B(+) |
| 3 | - | - | - |
| 4 | - | - | - |
| 5 | 20A | A310 16RD/LB ▽▽ | FUSED B(+) |
| 6 | 40A | A212 20RD/OR ○○ | FUSED B(+) |
| 7 | 15A | A917 18RD ◪◪◪ | FUSED B(+) |
| 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(+) |

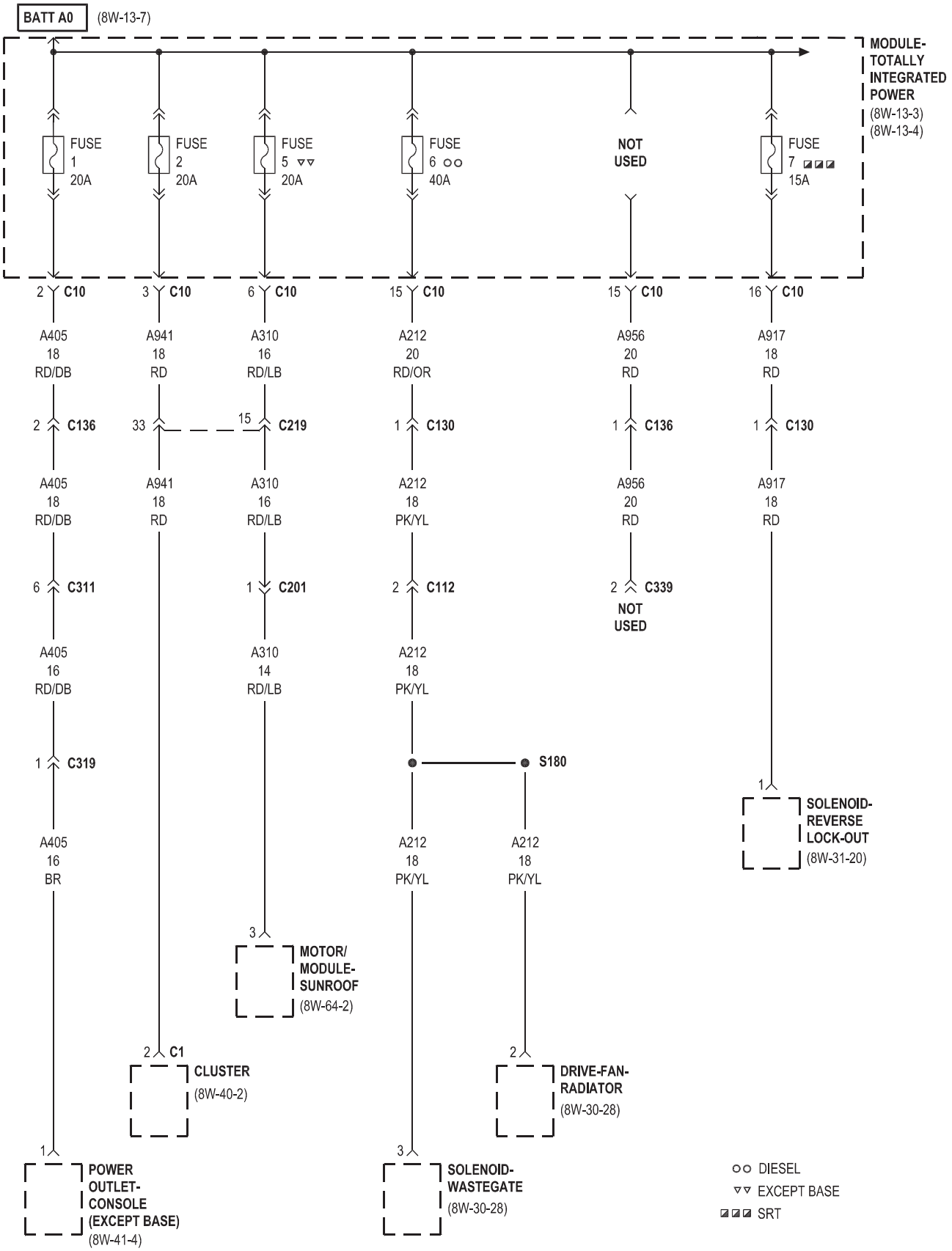
⬒ AWAL
▽▽ EXCEPT BASE
○○ DIESEL
▼▼▼▼ POWER WAGON
◪◪◪ SRT
◪◪◪◪ EXCEPT SRT
◆◆◆◆ TRAILER TOW

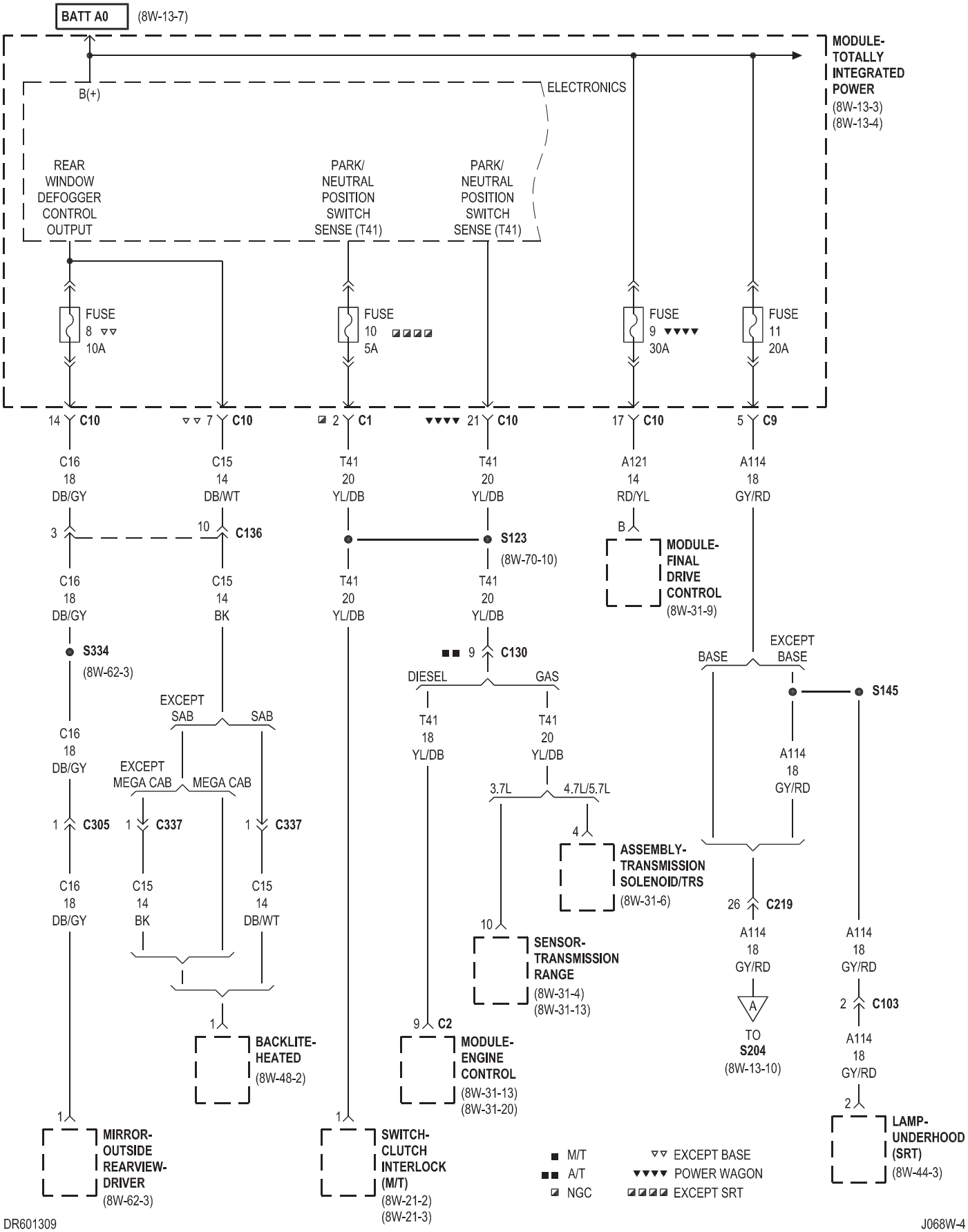
**FUSES**
**(TIPM)**

| 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

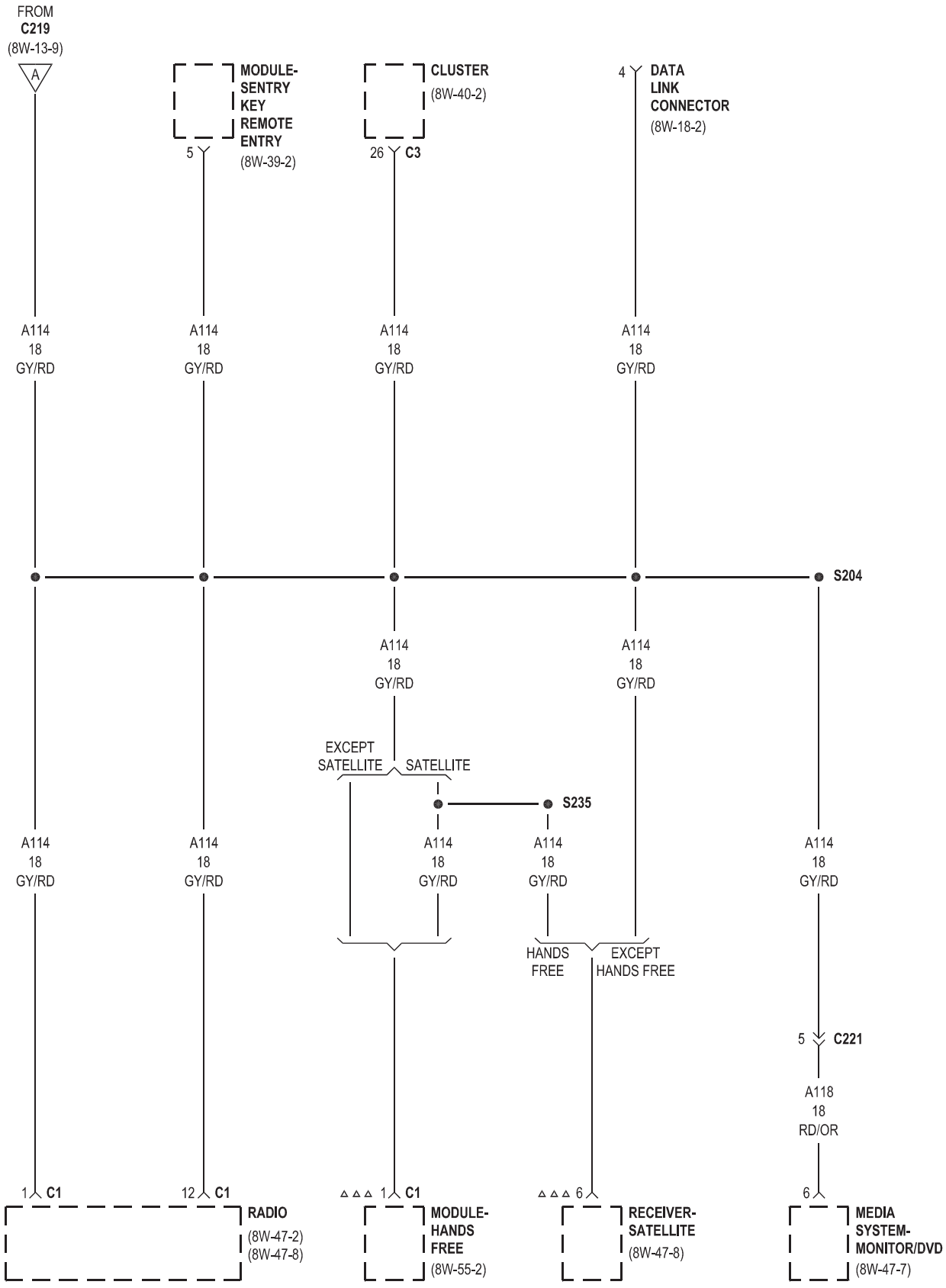

STARTER
(8W-21-2)
(8W-21-3)
(8W-21-4)
GAS
DIESEL
A8
6
RD
A8
2
RD
A0
6
RD
SRT
NGC
A11
4
BR/RD
S118
87
RELAY-
INTAKE AIR
HEATER
(DIESEL)
(8W-30-23)
30
A19
10
DG
S199
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
10
RD
BATTERY
FUSIBLE
LINK
A11
8
LB
FUSIBLE
LINK
A19
12
RD/YL
ASSEMBLY-
WINCH
(POWER
WAGON)
(8W-56-3)
10
BK
EXCEPT
SRT
SRT
S115
A11
4
BR/RD
A1
0
RD
Z3
6
BK
Z3
8
BK
Z2
6
BK
Z2
1
BK
Z1
6
BK
Z1
10
BK
GENERATOR
(8W-20-2)
(8W-20-3)
BATTERY-
AUXILIARY
(DIESEL)
Z0
0
BK
Z0
8
BK
G100
(8W-15-2)
G101
(8W-15-2)
G102
(8W-15-2)
G108
(8W-15-2)
G109
(8W-15-2)

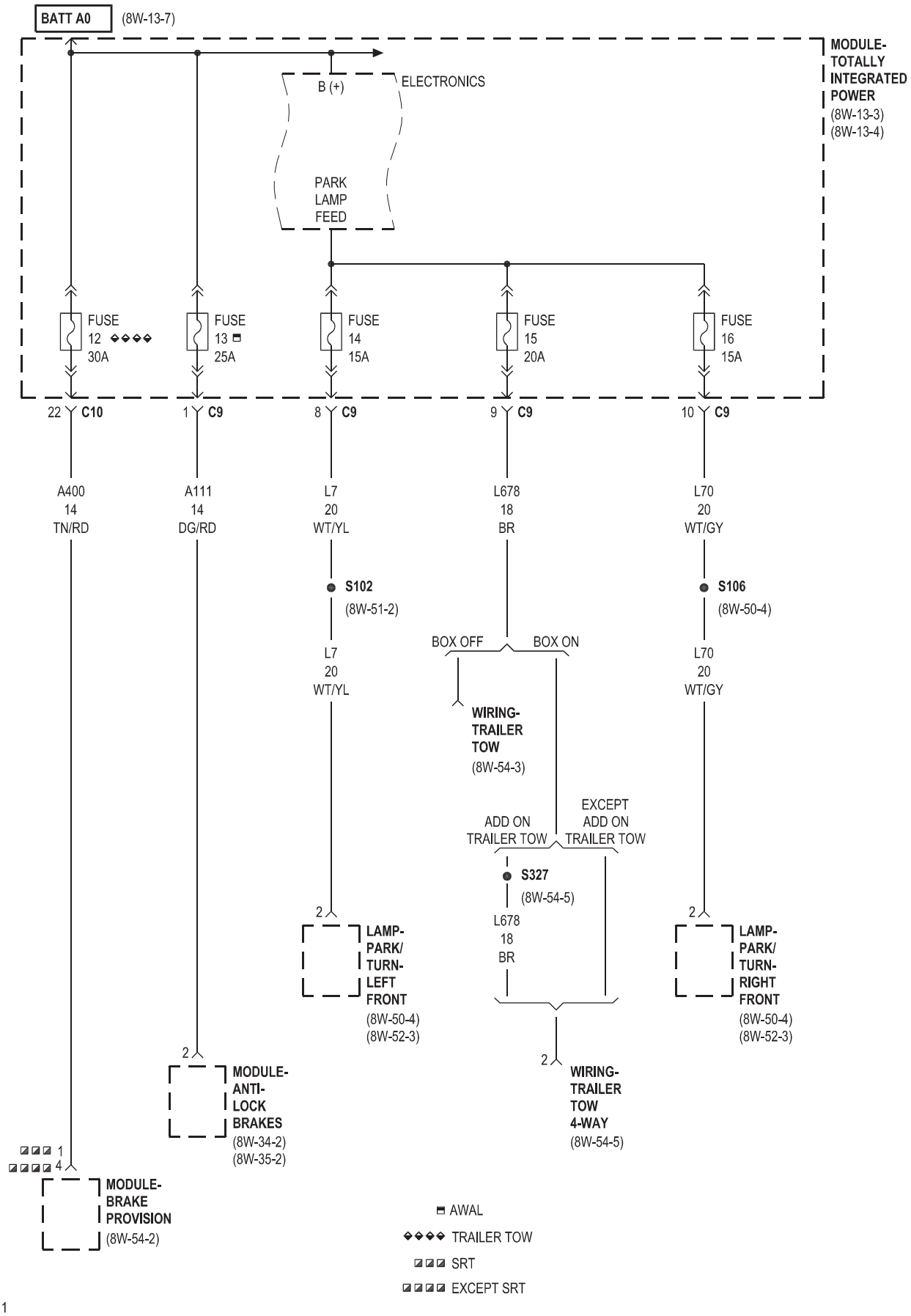

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
1
20A
FUSE
2
20A
FUSE
5
20A
FUSE
6
40A
NOT
USED
FUSE
7
15A
2 C10
3 C10
6 C10
15 C10
15 C10
16 C10
A405
18
RD/DB
A941
18
RD
A310
16
RD/LB
A212
20
RD/OR
A956
20
RD
A917
18
RD
2 C136
33
15 C219
1 C130
1 C136
1 C130
A405
18
RD/DB
A941
18
RD
A310
16
RD/LB
A212
18
PK/YL
A956
20
RD
A917
18
RD
6 C311
1 C201
2 C112
2 C339
NOT
USED
A405
16
RD/DB
A310
14
RD/LB
A212
18
PK/YL
1 C319
S180
1
SOLENOID-
REVERSE
LOCK-OUT
(8W-31-20)
A405
16
BR
A212
18
PK/YL
A212
18
PK/YL
3
MOTOR/
MODULE-
SUNROOF
(8W-64-2)
2 C1
CLUSTER
(8W-40-2)
2
DRIVE-FAN-
RADIATOR
(8W-30-28)
1
POWER
OUTLET-
CONSOLE
(EXCEPT BASE)
(8W-41-4)
3
SOLENOID-
WASTEGATE
(8W-30-28)
DIESEL
EXCEPT BASE
SRT

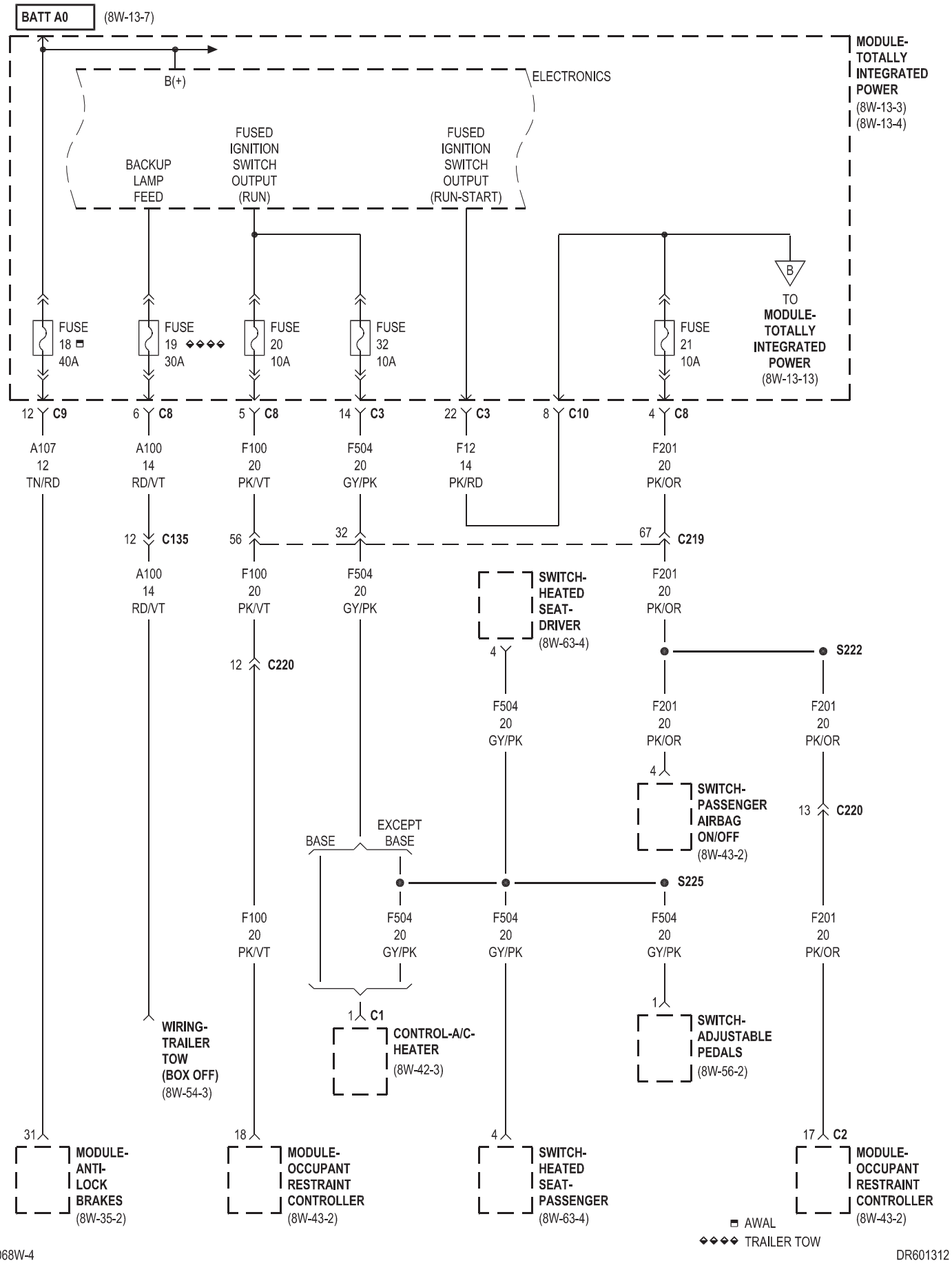


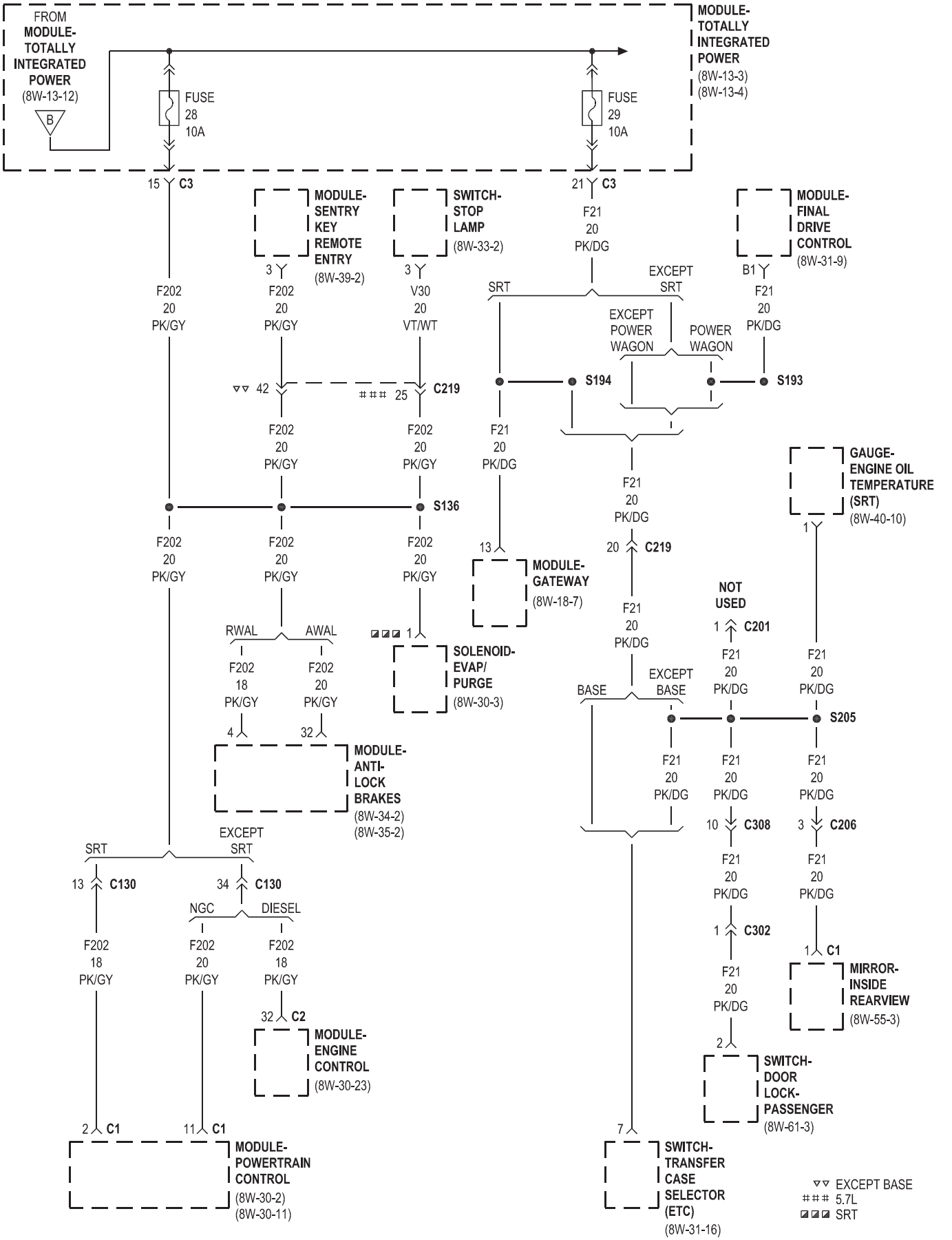

DR601309

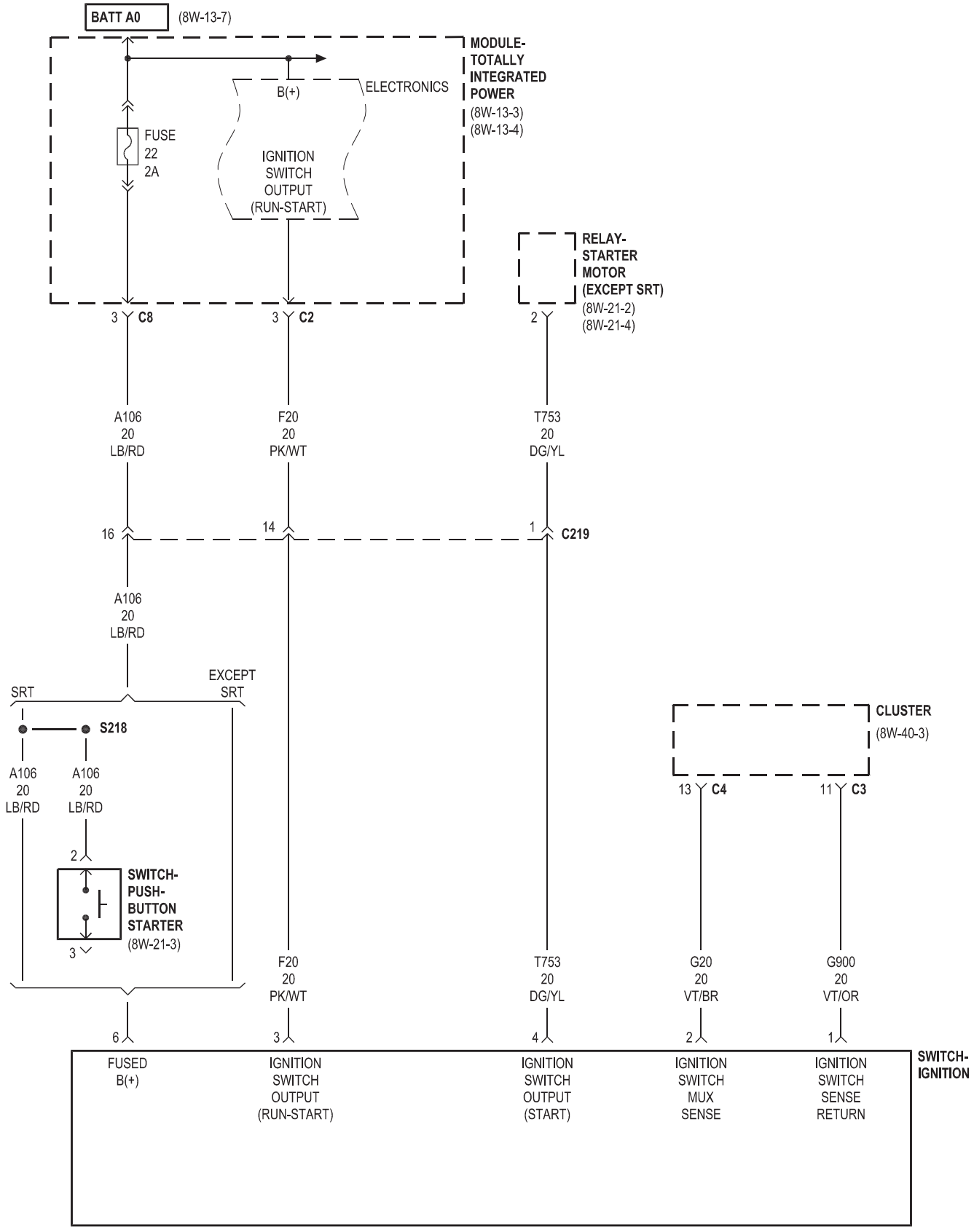
J068W-4

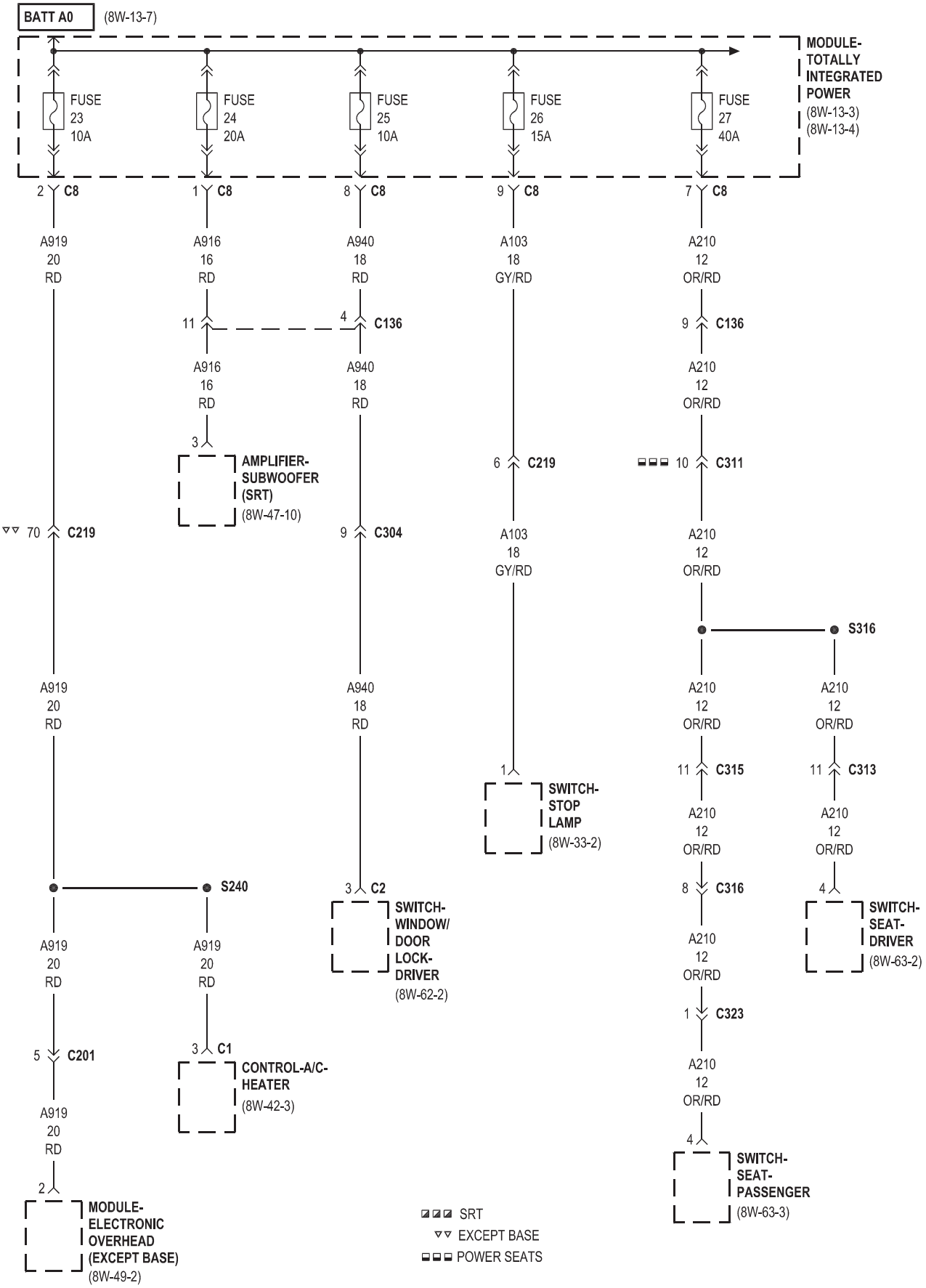

FROM
C219
(8W-13-9)
A
MODULE-
SENTRY
KEY
REMOTE
ENTRY
(8W-39-2)
5
CLUSTER
(8W-40-2)
26
C3
4
DATA
LINK
CONNECTOR
(8W-18-2)
A114
18
GY/RD
S204
EXCEPT
SATELLITE
SATELLITE
S235
HANDS
FREE
EXCEPT
HANDS FREE
5
C221
A118
18
RD/OR
1
C1
12
C1
RADIO
(8W-47-2)
(8W-47-8)
MODULE-
HANDS
FREE
(8W-55-2)
6
RECEIVER-
SATELLITE
(8W-47-8)
MEDIA
SYSTEM-
MONITOR/DVD
(8W-47-7)
△△△ SLT+/SRT

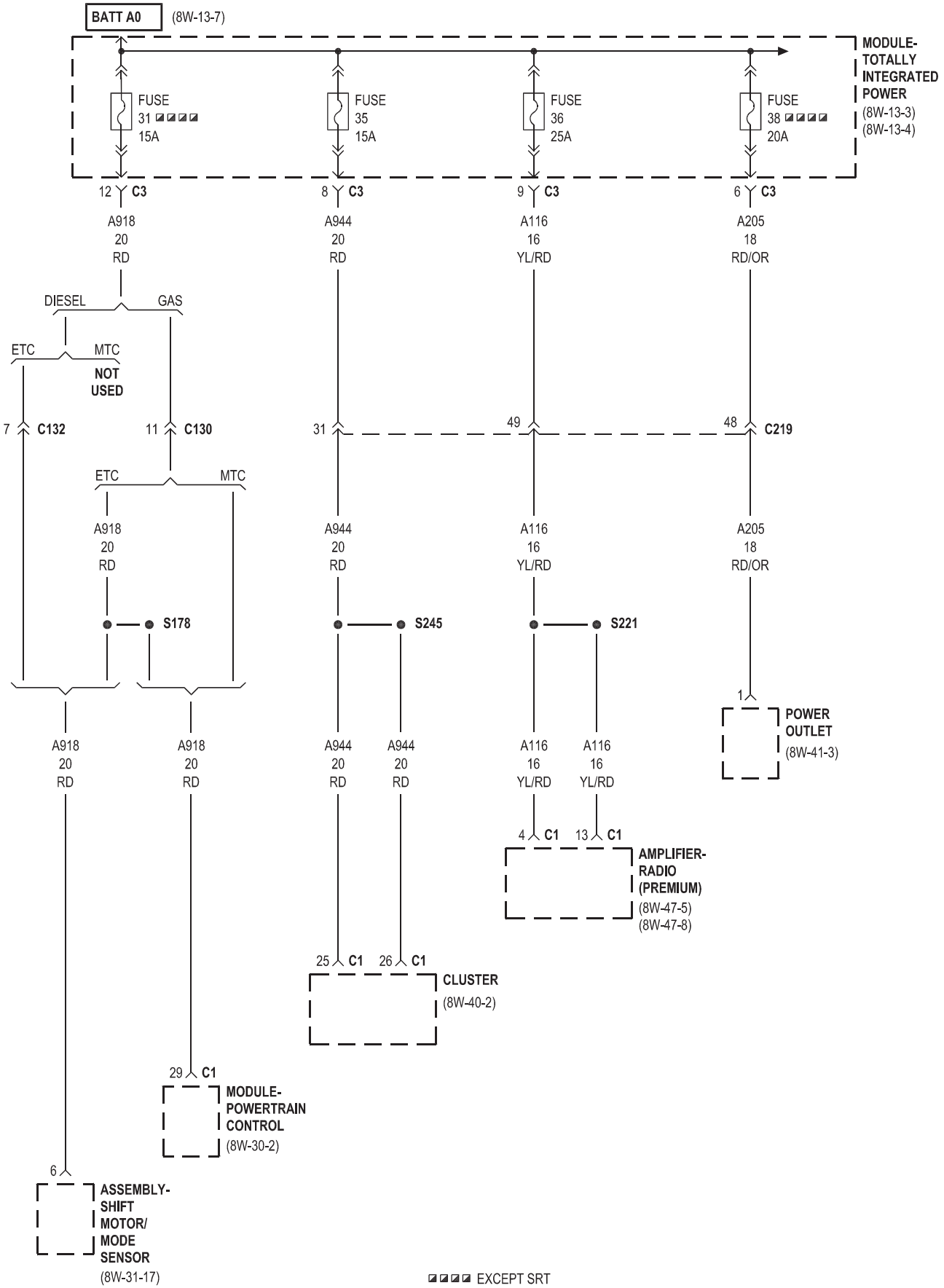

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B (+)
ELECTRONICS
PARK
LAMP
FEED
FUSE
12
30A
FUSE
13
25A
FUSE
14
15A
FUSE
15
20A
FUSE
16
15A
22 C10
1 C9
8 C9
9 C9
10 C9
A400
14
TN/RD
A111
14
DG/RD
L7
20
WT/YL
L678
18
BR
L70
20
WT/GY
S102
(8W-51-2)
S106
(8W-50-4)
BOX OFF
BOX ON
L7
20
WT/YL
L70
20
WT/GY
WIRING-
TRAILER
TOW
(8W-54-3)
ADD ON
TRAILER TOW
EXCEPT
ADD ON
TRAILER TOW
S327
(8W-54-5)
L678
18
BR
2
LAMP-
PARK/
TURN-
LEFT
FRONT
(8W-50-4)
(8W-52-3)
2
LAMP-
PARK/
TURN-
RIGHT
FRONT
(8W-50-4)
(8W-52-3)
2
MODULE-
ANTI-
LOCK
BRAKES
(8W-34-2)
(8W-35-2)
2
WIRING-
TRAILER
TOW
4-WAY
(8W-54-5)
1
4
MODULE-
BRAKE
PROVISION
(8W-54-2)
AWAL
TRAILER TOW
SRT
EXCEPT SRT

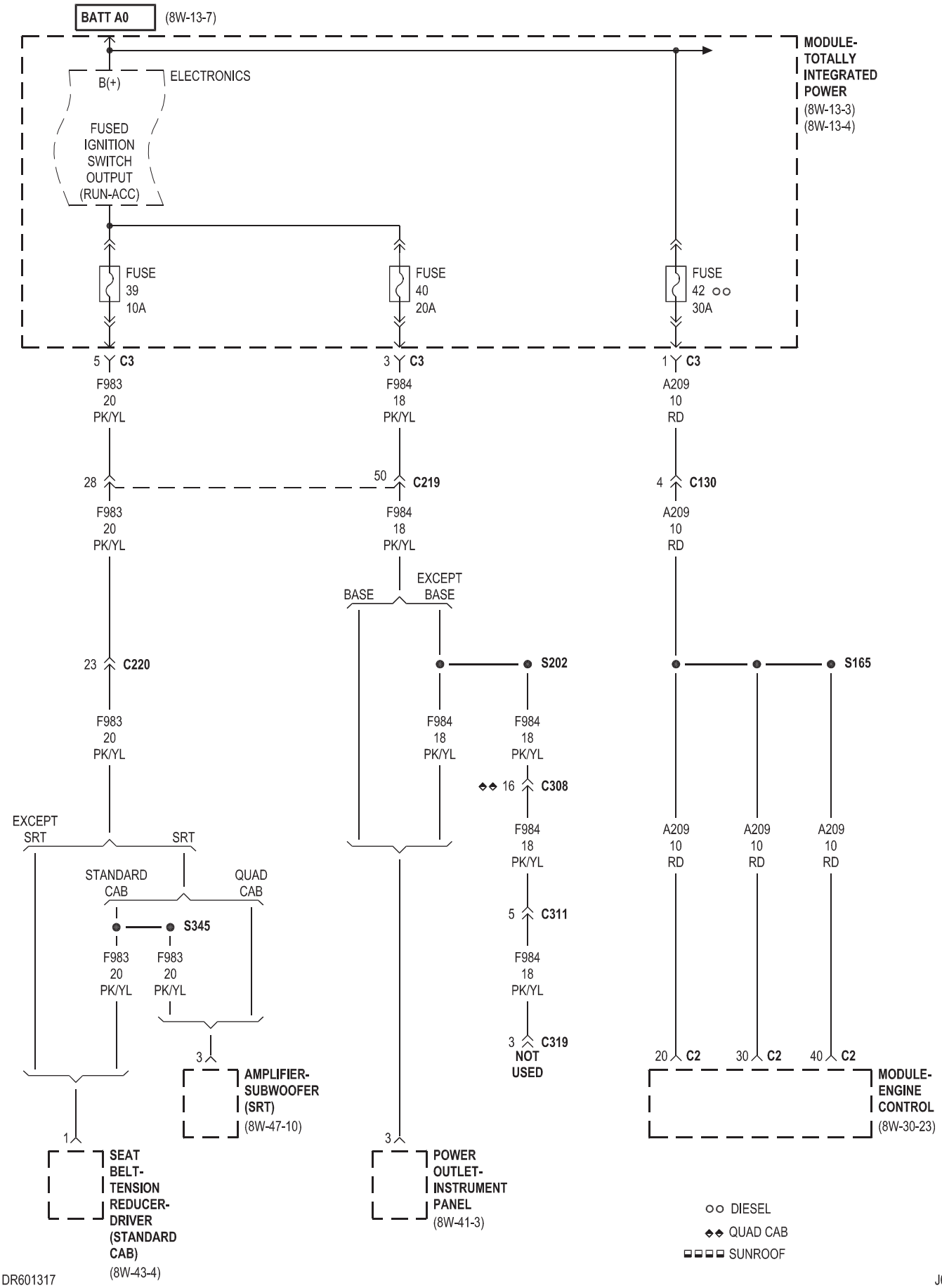

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
BACKUP
LAMP
FEED
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSE
18
40A
FUSE
19
30A
FUSE
20
10A
FUSE
32
10A
FUSE
21
10A
B
TO
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-13)
12 C9
6 C8
5 C8
14 C3
22 C3
8 C10
4 C8
A107
12
TN/RD
A100
14
RD/VT
F100
20
PK/VT
F504
20
GY/PK
F12
14
PK/RD
F201
20
PK/OR
12 C135
56
32
67 C219
A100
14
RD/VT
F100
20
PK/VT
F504
20
GY/PK
SWITCH-
HEATED
SEAT-
DRIVER
(8W-63-4)
F201
20
PK/OR
12 C220
4
S222
F504
20
GY/PK
F201
20
PK/OR
F201
20
PK/OR
4
SWITCH-
PASSENGER
AIRBAG
ON/OFF
(8W-43-2)
13 C220
BASE
EXCEPT
BASE
S225
F100
20
PK/VT
F504
20
GY/PK
F504
20
GY/PK
F504
20
GY/PK
F201
20
PK/OR
1 C1
CONTROL-A/C-
HEATER
(8W-42-3)
1
SWITCH-
ADJUSTABLE
PEDALS
(8W-56-2)
WIRING-
TRAILER
TOW
(BOX OFF)
(8W-54-3)
31
18
4
17 C2
MODULE-
ANTI-
LOCK
BRAKES
(8W-35-2)
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
(8W-43-2)
SWITCH-
HEATED
SEAT-
PASSENGER
(8W-63-4)
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
(8W-43-2)
AWAL
TRAILER TOW


FROM MODULE- TOTALLY INTEGRATED POWER (8W-13-12)
B
FUSE 28 10A
FUSE 29 10A
MODULE- TOTALLY INTEGRATED POWER (8W-13-3) (8W-13-4)
15 C3
21 C3
MODULE- SENTRY KEY REMOTE ENTRY (8W-39-2)
SWITCH- STOP LAMP (8W-33-2)
MODULE- FINAL DRIVE CONTROL (8W-31-9)
F202 20 PK/GY
F21 20 PK/DG
V30 20 VT/WT
SRT
EXCEPT SRT
EXCEPT POWER WAGON
POWER WAGON
42
25
C219
S194
S193
S136
GAUGE- ENGINE OIL TEMPERATURE (SRT) (8W-40-10)
13
MODULE- GATEWAY (8W-18-7)
20 C219
NOT USED
1 C201
RWAL
AWAL
F202 18 PK/GY
F202 20 PK/GY
SOLENOID- EVAP/ PURGE (8W-30-3)
BASE
EXCEPT BASE
S205
MODULE- ANTI- LOCK BRAKES (8W-34-2) (8W-35-2)
13 C130
34 C130
NGC
DIESEL
10 C308
3 C206
1 C302
1 C1
MIRROR- INSIDE REARVIEW (8W-55-3)
32 C2
MODULE- ENGINE CONTROL (8W-30-23)
2 C1
11 C1
MODULE- POWERTRAIN CONTROL (8W-30-2) (8W-30-11)
SWITCH- DOOR LOCK- PASSENGER (8W-61-3)
7
SWITCH- TRANSFER CASE SELECTOR (ETC) (8W-31-16)
EXCEPT BASE
5.7L
SRT


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSE
22
2A
IGNITION
SWITCH
OUTPUT
(RUN-START)
RELAY-
STARTER
MOTOR
(EXCEPT SRT)
(8W-21-2)
(8W-21-4)
3 C8
3 C2
2
A106
20
LB/RD
F20
20
PK/WT
T753
20
DG/YL
16
14
1
C219
A106
20
LB/RD
SRT
EXCEPT
SRT
S218
A106
20
LB/RD
A106
20
LB/RD
2
SWITCH-
PUSH-
BUTTON
STARTER
(8W-21-3)
3
CLUSTER
(8W-40-3)
13 C4
11 C3
F20
20
PK/WT
T753
20
DG/YL
G20
20
VT/BR
G900
20
VT/OR
6
3
4
2
1
FUSED
B(+)
IGNITION
SWITCH
OUTPUT
(RUN-START)
IGNITION
SWITCH
OUTPUT
(START)
IGNITION
SWITCH
MUX
SENSE
IGNITION
SWITCH
SENSE
RETURN
SWITCH-
IGNITION

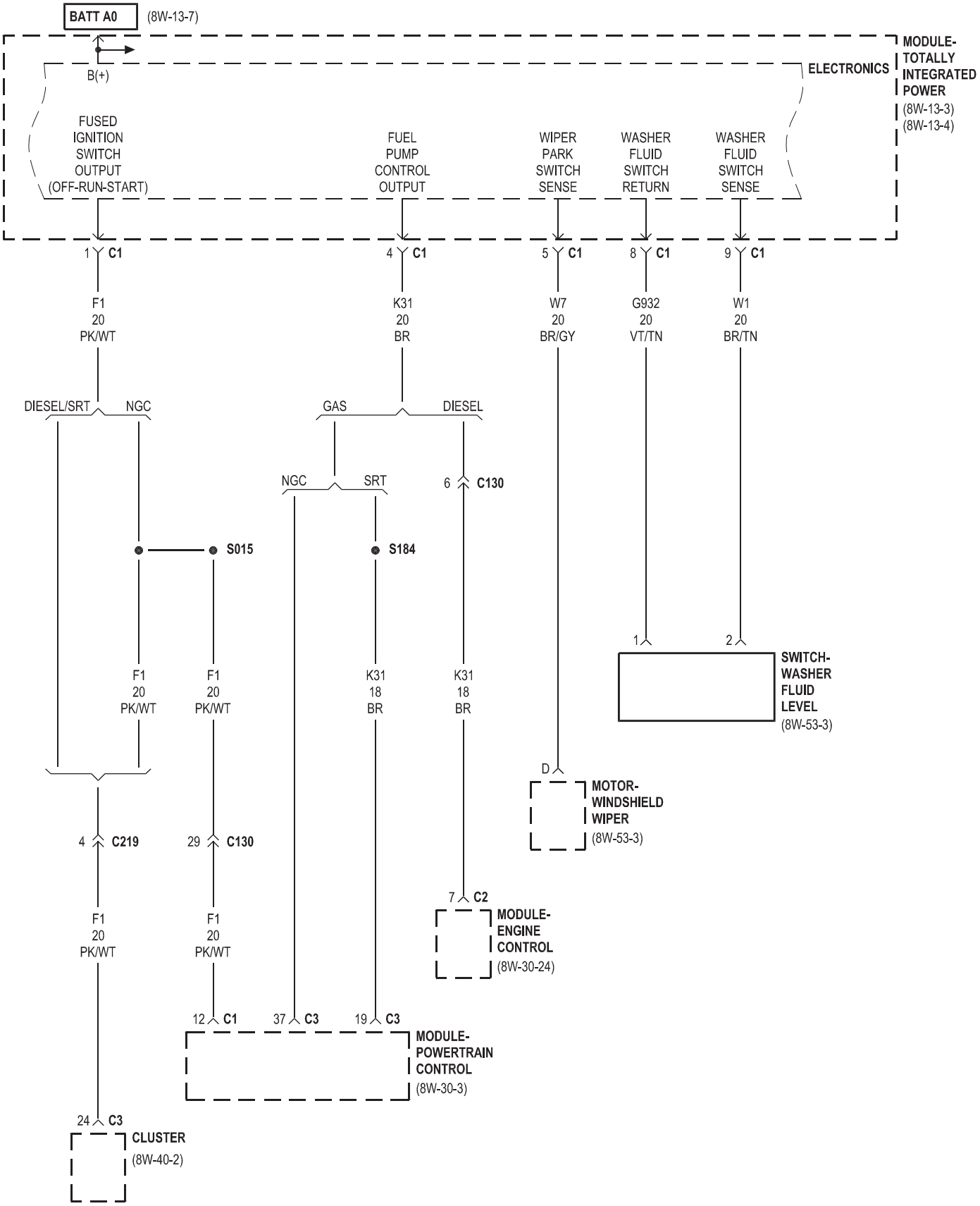

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 23 10A
FUSE 24 20A
FUSE 25 10A
FUSE 26 15A
FUSE 27 40A
2 C8
1 C8
8 C8
9 C8
7 C8
A919 20 RD
A916 16 RD
A940 18 RD
A103 18 GY/RD
A210 12 OR/RD
11 C136
4 C136
9 C136
A916 16 RD
A940 18 RD
A210 12 OR/RD
3
AMPLIFIER-SUBWOOFER (SRT)
(8W-47-10)
6 C219
10 C311
70 C219
9 C304
A103 18 GY/RD
A210 12 OR/RD
S316
A919 20 RD
A940 18 RD
A210 12 OR/RD
A210 12 OR/RD
1
SWITCH-STOP LAMP
(8W-33-2)
11 C315
11 C313
A210 12 OR/RD
A210 12 OR/RD
S240
3 C2
SWITCH-WINDOW/DOOR LOCK-DRIVER
(8W-62-2)
8 C316
4
SWITCH-SEAT-DRIVER
(8W-63-2)
A919 20 RD
A919 20 RD
A210 12 OR/RD
A210 12 OR/RD
5 C201
3 C1
CONTROL-A/C-HEATER
(8W-42-3)
1 C323
A919 20 RD
A210 12 OR/RD
2
MODULE-ELECTRONIC OVERHEAD (EXCEPT BASE)
(8W-49-2)
4
SWITCH-SEAT-PASSENGER
(8W-63-3)
SRT
EXCEPT BASE
POWER SEATS

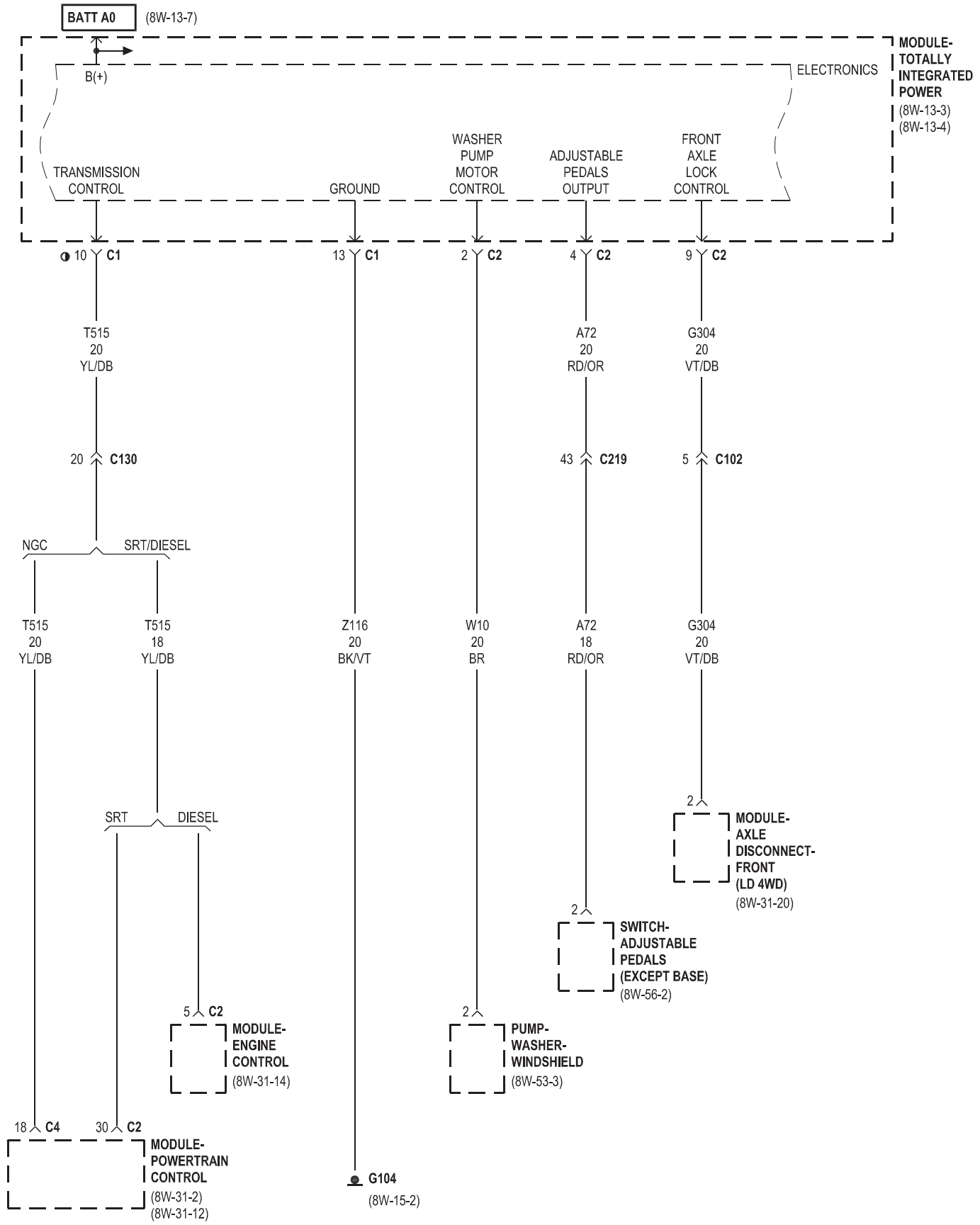

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
31
15A
FUSE
35
15A
FUSE
36
25A
FUSE
38
20A
12 C3
8 C3
9 C3
6 C3
A918
20
RD
A944
20
RD
A116
16
YL/RD
A205
18
RD/OR
DIESEL
GAS
ETC
MTC
NOT
USED
7 C132
11 C130
31
49
48 C219
ETC
MTC
A918
20
RD
A944
20
RD
A116
16
YL/RD
A205
18
RD/OR
S178
S245
S221
1
POWER
OUTLET
(8W-41-3)
A918
20
RD
A918
20
RD
A944
20
RD
A944
20
RD
A116
16
YL/RD
A116
16
YL/RD
4 C1
13 C1
AMPLIFIER-
RADIO
(PREMIUM)
(8W-47-5)
(8W-47-8)
25 C1
26 C1
CLUSTER
(8W-40-2)
29 C1
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
6
ASSEMBLY-
SHIFT
MOTOR/
MODE
SENSOR
(8W-31-17)
EXCEPT SRT



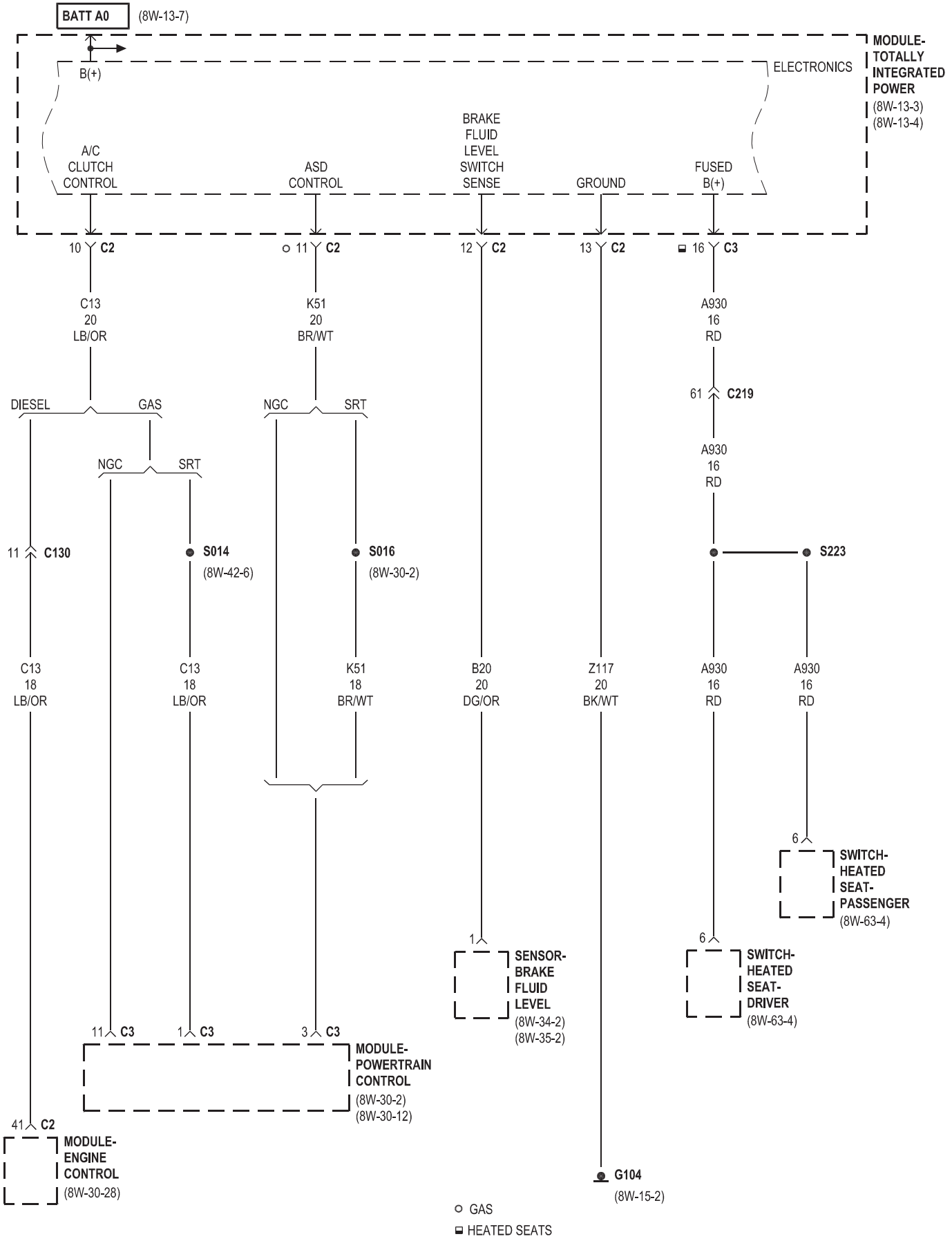

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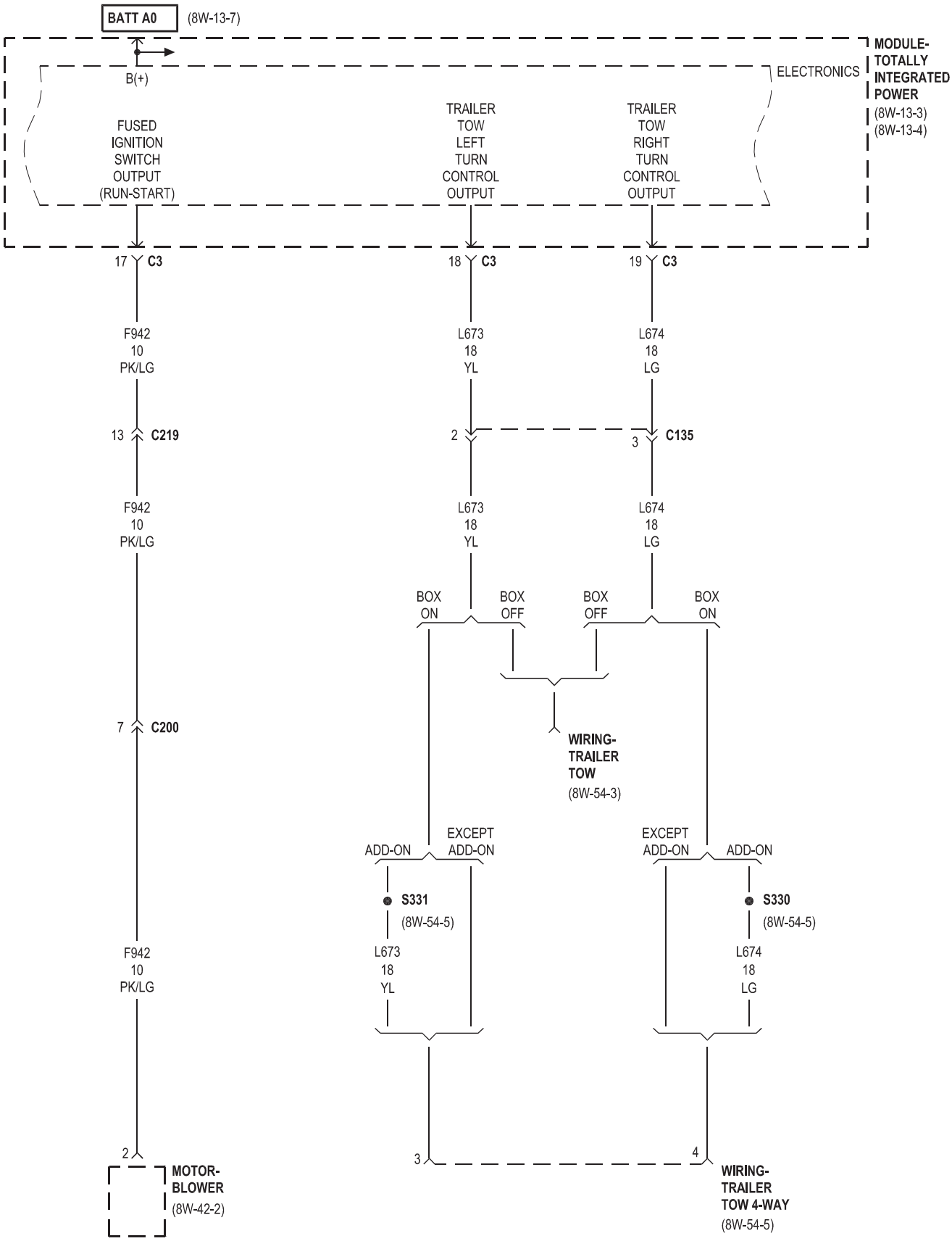
J068W-4

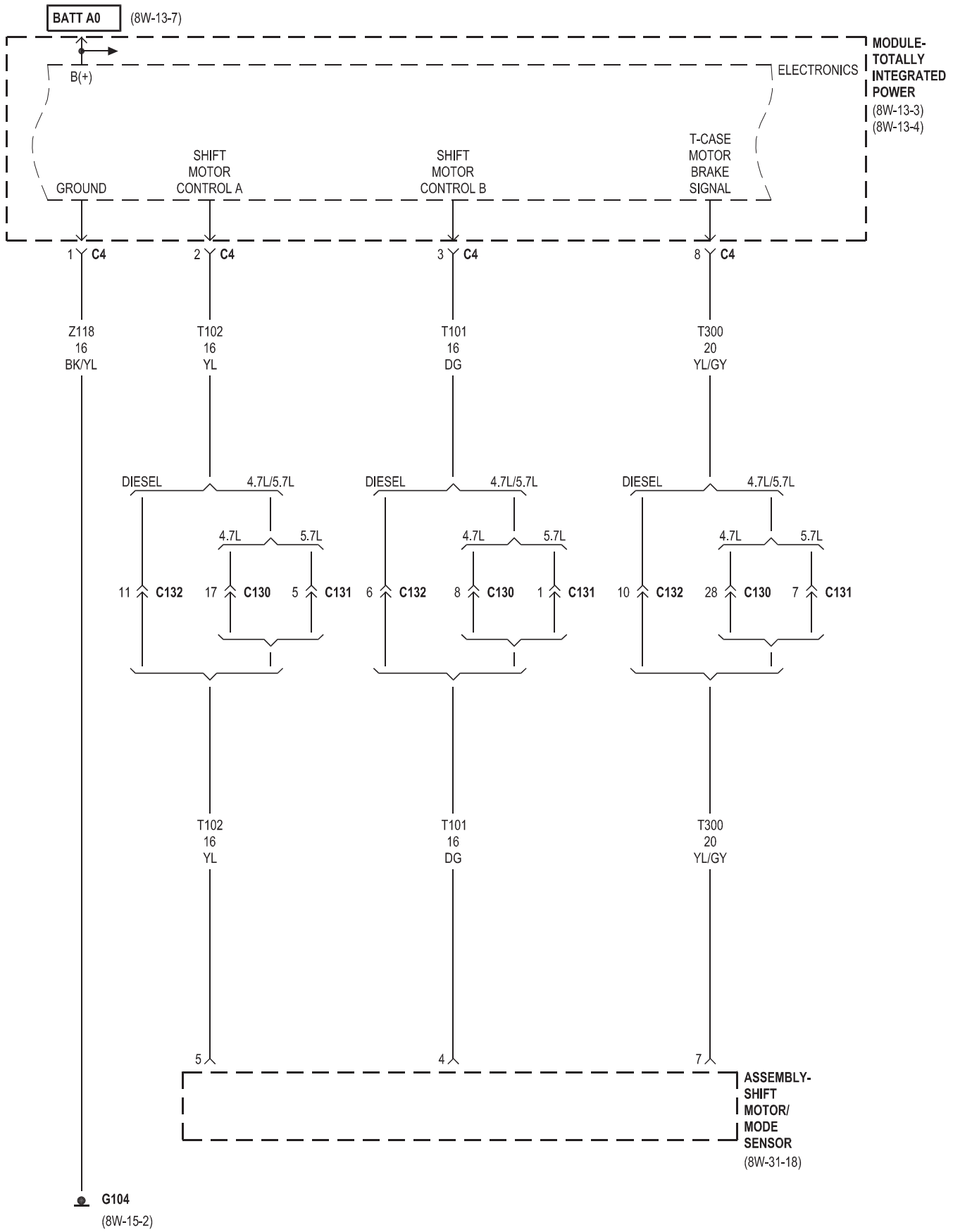

BATT A0
(8W-13-7)
B(+)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
FUEL PUMP CONTROL OUTPUT
WIPER PARK SWITCH SENSE
WASHER FLUID SWITCH RETURN
WASHER FLUID SWITCH SENSE
1 C1
4 C1
5 C1
8 C1
9 C1
F1 20 PK/WT
K31 20 BR
W7 20 BR/GY
G932 20 VT/TN
W1 20 BR/TN
DIESEL/SRT
NGC
GAS
DIESEL
NGC
SRT
6 C130
S015
S184
F1 20 PK/WT
F1 20 PK/WT
K31 18 BR
K31 18 BR
1
2
SWITCH-WASHER FLUID LEVEL
(8W-53-3)
D
MOTOR-WINDSHIELD WIPER
(8W-53-3)
4 C219
29 C130
7 C2
F1 20 PK/WT
F1 20 PK/WT
MODULE-ENGINE CONTROL
(8W-30-24)
12 C1
37 C3
19 C3
MODULE-POWERTRAIN CONTROL
(8W-30-3)
24 C3
CLUSTER
(8W-40-2)

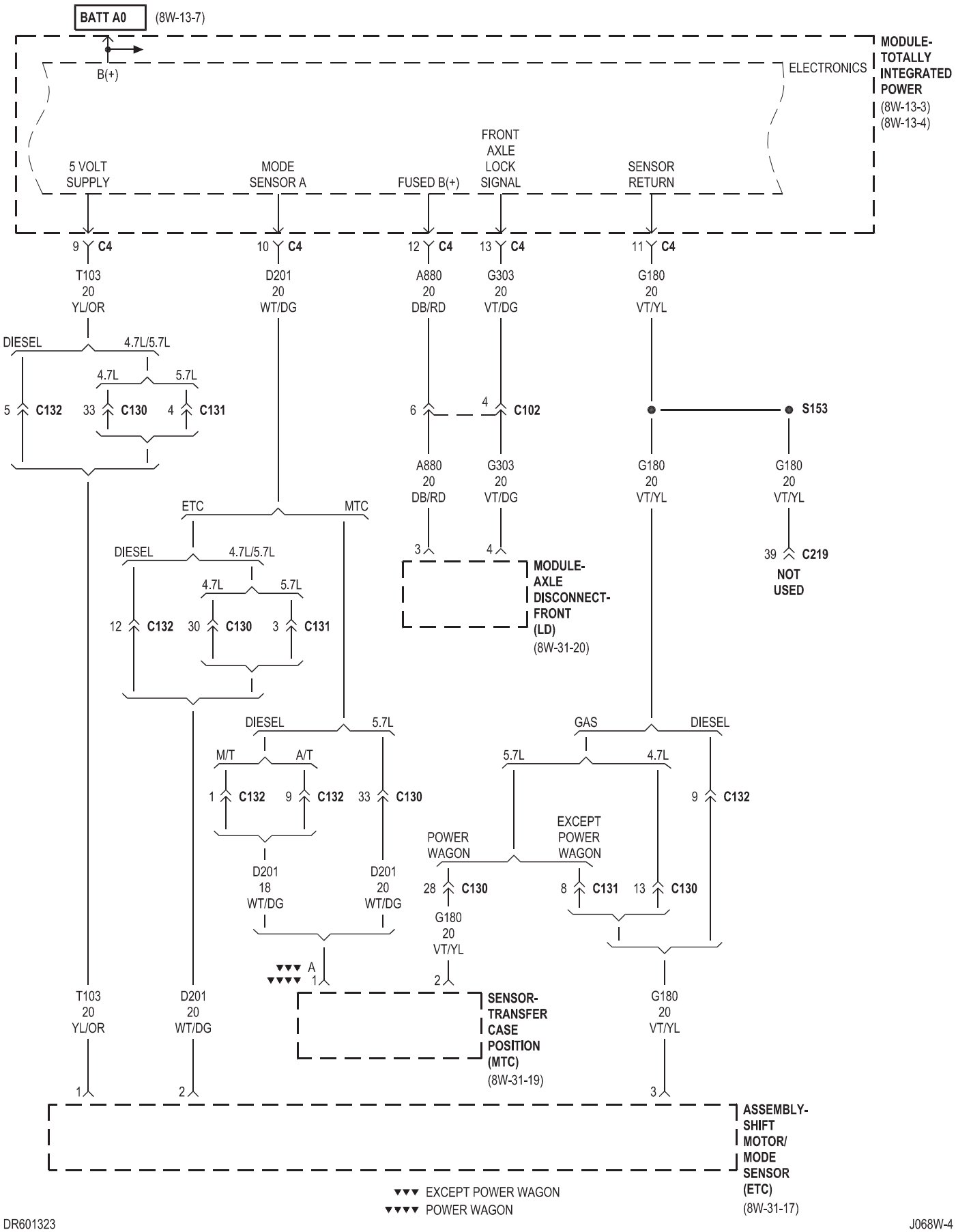


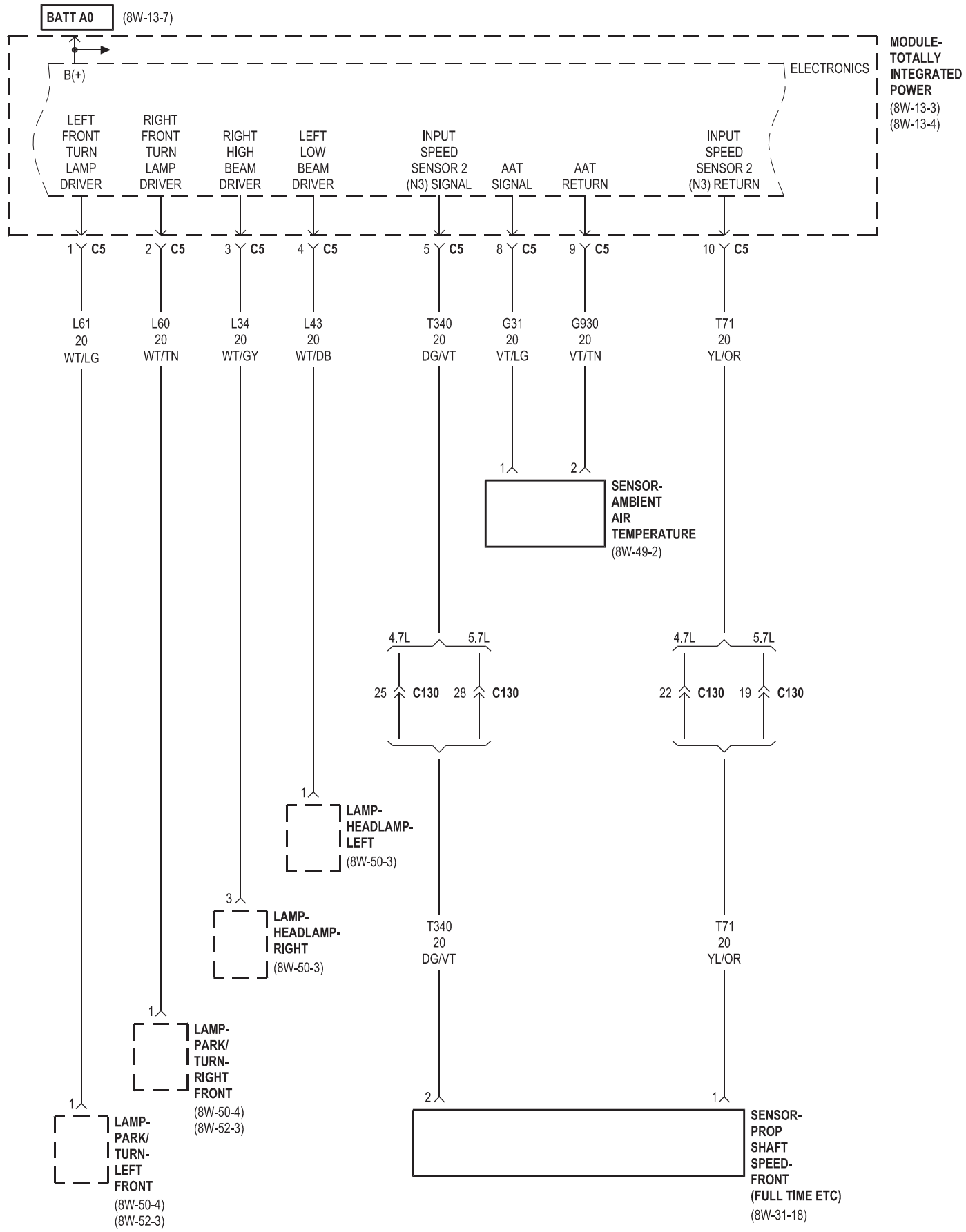

◑ EXCEPT M/T DIESEL

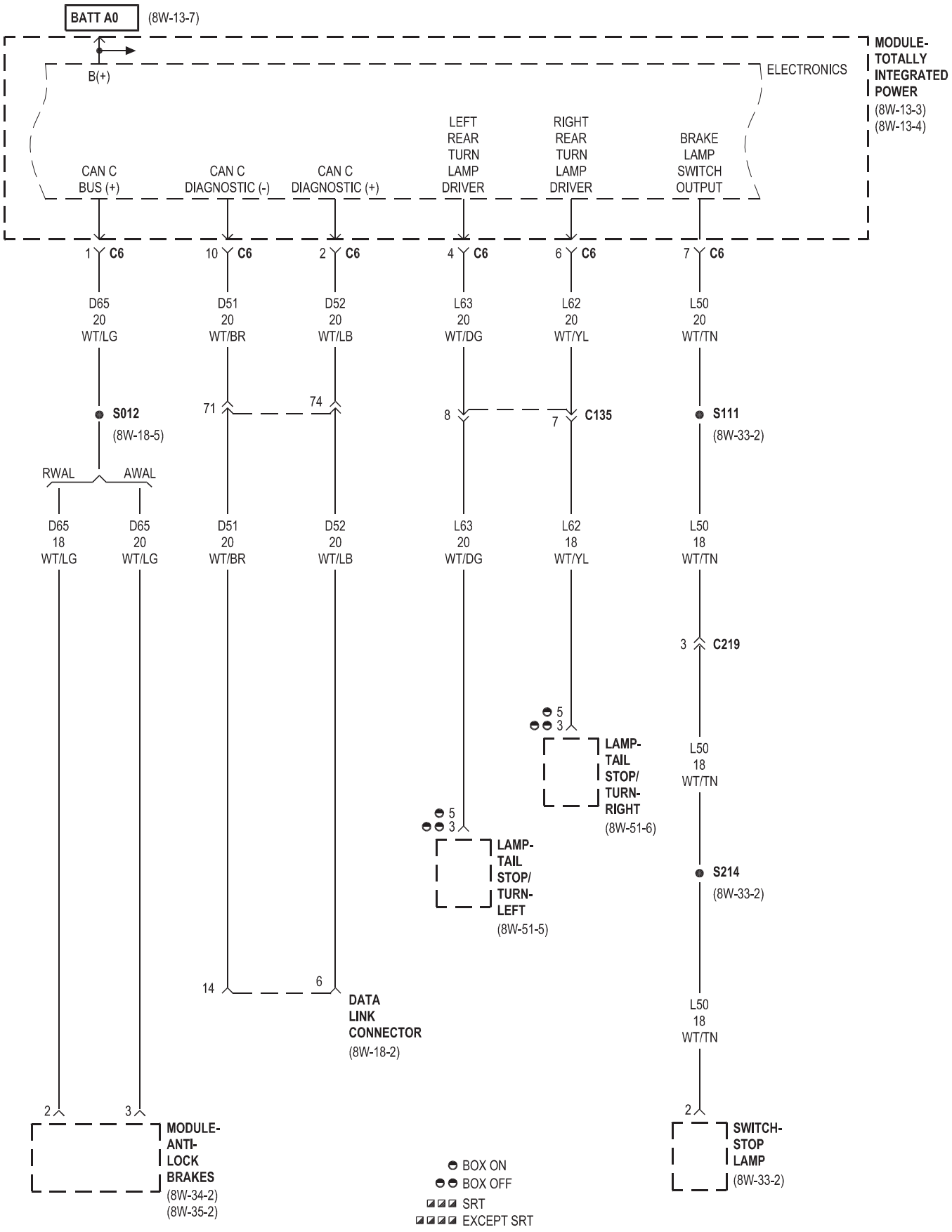

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
A/C
CLUTCH
CONTROL
ASD
CONTROL
BRAKE
FLUID
LEVEL
SWITCH
SENSE
GROUND
FUSED
B(+)
10 C2
11 C2
12 C2
13 C2
16 C3
C13
20
LB/OR
K51
20
BR/WT
A930
16
RD
61 C219
A930
16
RD
DIESEL
GAS
NGC
SRT
NGC
SRT
11 C130
S014
(8W-42-6)
S016
(8W-30-2)
S223
C13
18
LB/OR
C13
18
LB/OR
K51
18
BR/WT
B20
20
DG/OR
Z117
20
BK/WT
A930
16
RD
A930
16
RD
6
SWITCH-
HEATED
SEAT-
PASSENGER
(8W-63-4)
1
SENSOR-
BRAKE
FLUID
LEVEL
(8W-34-2)
(8W-35-2)
6
SWITCH-
HEATED
SEAT-
DRIVER
(8W-63-4)
11 C3
1 C3
3 C3
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
(8W-30-12)
41 C2
MODULE-
ENGINE
CONTROL
(8W-30-28)
G104
(8W-15-2)
GAS
HEATED SEATS

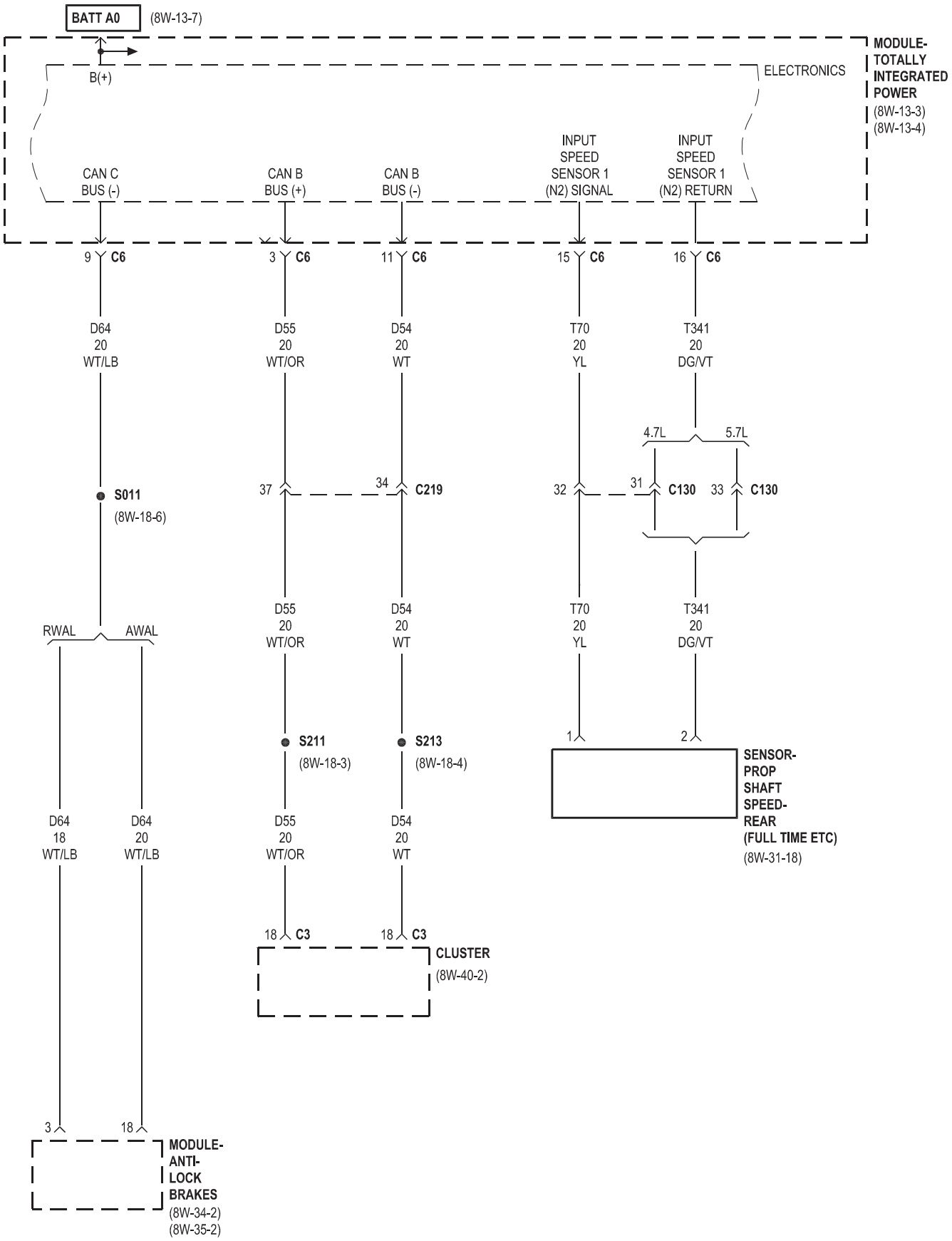

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
TRAILER
TOW
LEFT
TURN
CONTROL
OUTPUT
TRAILER
TOW
RIGHT
TURN
CONTROL
OUTPUT
17 C3
18 C3
19 C3
F942
10
PK/LG
L673
18
YL
L674
18
LG
13 C219
2
3 C135
F942
10
PK/LG
L673
18
YL
L674
18
LG
BOX
ON
BOX
OFF
BOX
OFF
BOX
ON
7 C200
WIRING-
TRAILER
TOW
(8W-54-3)
ADD-ON
EXCEPT
ADD-ON
EXCEPT
ADD-ON
ADD-ON
S331
(8W-54-5)
S330
(8W-54-5)
F942
10
PK/LG
L673
18
YL
L674
18
LG
2
3
4
MOTOR-
BLOWER
(8W-42-2)
WIRING-
TRAILER
TOW 4-WAY
(8W-54-5)

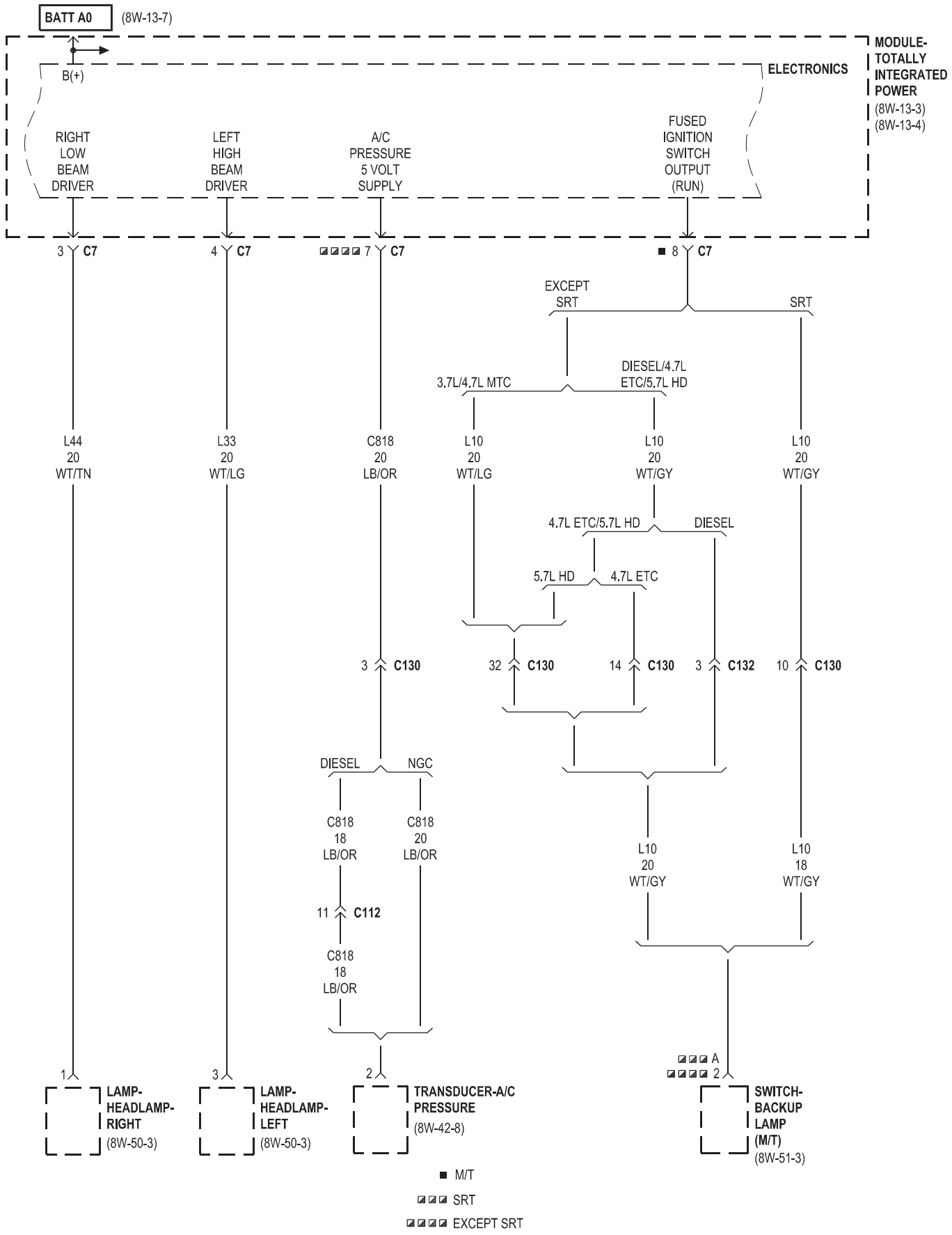

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
GROUND
SHIFT
MOTOR
CONTROL A
SHIFT
MOTOR
CONTROL B
T-CASE
MOTOR
BRAKE
SIGNAL
1 C4
2 C4
3 C4
8 C4
Z118
16
BK/YL
T102
16
YL
T101
16
DG
T300
20
YL/GY
DIESEL
4.7L/5.7L
4.7L
5.7L
11 C132
17 C130
5 C131
6 C132
8 C130
1 C131
10 C132
28 C130
7 C131
T102
16
YL
T101
16
DG
T300
20
YL/GY
5
4
7
ASSEMBLY-
SHIFT
MOTOR/
MODE
SENSOR
(8W-31-18)
G104
(8W-15-2)

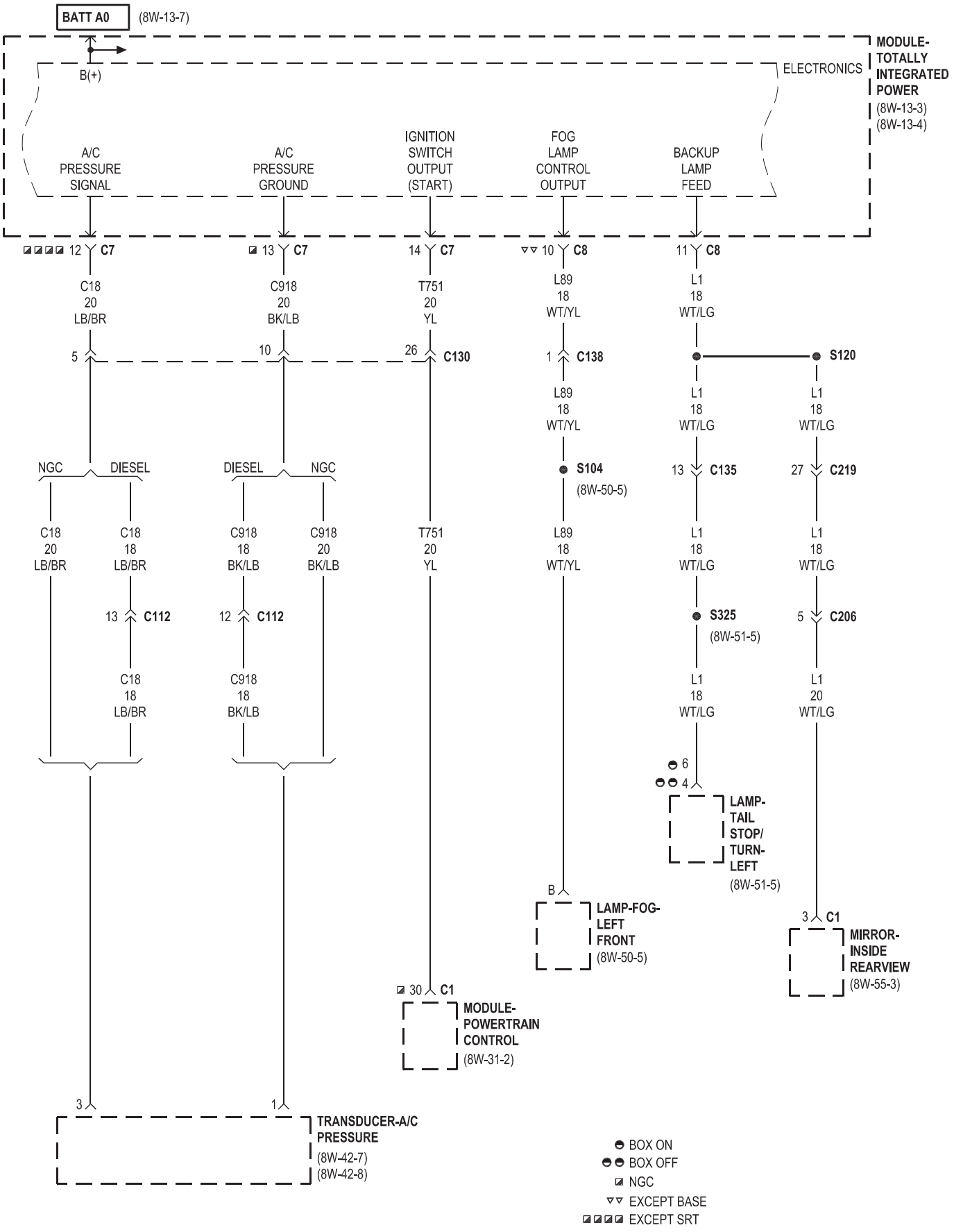

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
5 VOLT SUPPLY
MODE SENSOR A
FUSED B(+)
FRONT AXLE LOCK SIGNAL
SENSOR RETURN
9 C4
10 C4
12 C4
13 C4
11 C4
T103 20 YL/OR
D201 20 WT/DG
A880 20 DB/RD
G303 20 VT/DG
G180 20 VT/YL
DIESEL
4.7L/5.7L
4.7L
5.7L
5 C132
33 C130
4 C131
6
4 C102
S153
A880 20 DB/RD
G303 20 VT/DG
G180 20 VT/YL
G180 20 VT/YL
ETC
MTC
3
4
39 C219
NOT USED
MODULE-AXLE DISCONNECT-FRONT (LD)
(8W-31-20)
12 C132
30 C130
3 C131
DIESEL
5.7L
GAS
DIESEL
M/T
A/T
5.7L
4.7L
1 C132
9 C132
33 C130
9 C132
POWER WAGON
EXCEPT POWER WAGON
D201 18 WT/DG
D201 20 WT/DG
28 C130
8 C131
13 C130
G180 20 VT/YL
▼▼▼ A
▼▼▼▼ 1
2
SENSOR-TRANSFER CASE POSITION (MTC)
(8W-31-19)
T103 20 YL/OR
D201 20 WT/DG
G180 20 VT/YL
1
2
3
ASSEMBLY-SHIFT MOTOR/ MODE SENSOR (ETC)
(8W-31-17)
▼▼▼ EXCEPT POWER WAGON
▼▼▼▼ POWER WAGON

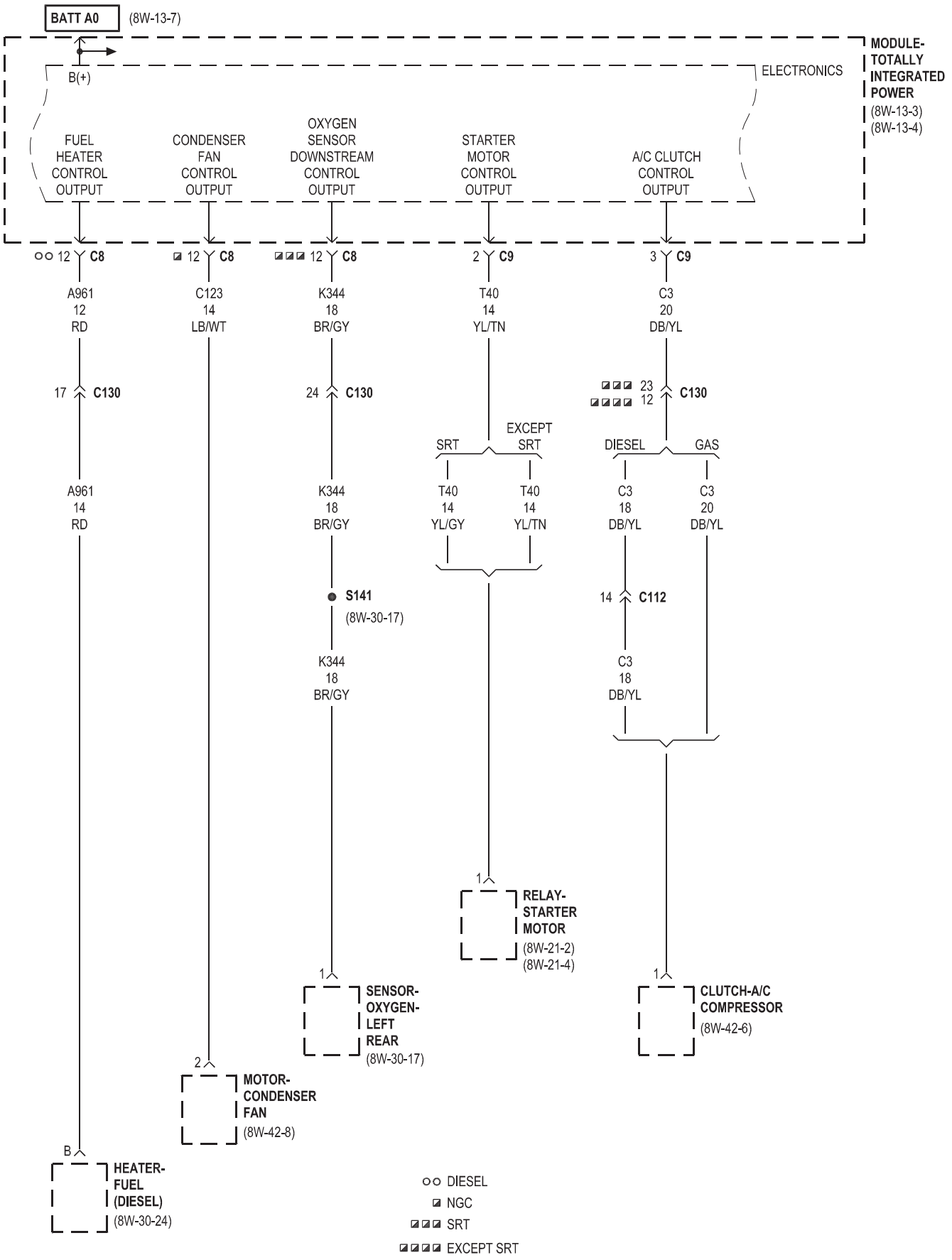

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
LEFT FRONT TURN LAMP DRIVER
RIGHT FRONT TURN LAMP DRIVER
RIGHT HIGH BEAM DRIVER
LEFT LOW BEAM DRIVER
INPUT SPEED SENSOR 2 (N3) SIGNAL
AAT SIGNAL
AAT RETURN
INPUT SPEED SENSOR 2 (N3) RETURN
1 C5
2 C5
3 C5
4 C5
5 C5
8 C5
9 C5
10 C5
L61 20 WT/LG
L60 20 WT/TN
L34 20 WT/GY
L43 20 WT/DB
T340 20 DG/VT
G31 20 VT/LG
G930 20 VT/TN
T71 20 YL/OR
SENSOR-
AMBIENT
AIR
TEMPERATURE
(8W-49-2)
4.7L
5.7L
25 C130
28 C130
22 C130
19 C130
LAMP-
HEADLAMP-
LEFT
(8W-50-3)
LAMP-
HEADLAMP-
RIGHT
(8W-50-3)
LAMP-
PARK/
TURN-
RIGHT
FRONT
(8W-50-4)
(8W-52-3)
LAMP-
PARK/
TURN-
LEFT
FRONT
(8W-50-4)
(8W-52-3)
SENSOR-
PROP
SHAFT
SPEED-
FRONT
(FULL TIME ETC)
(8W-31-18)

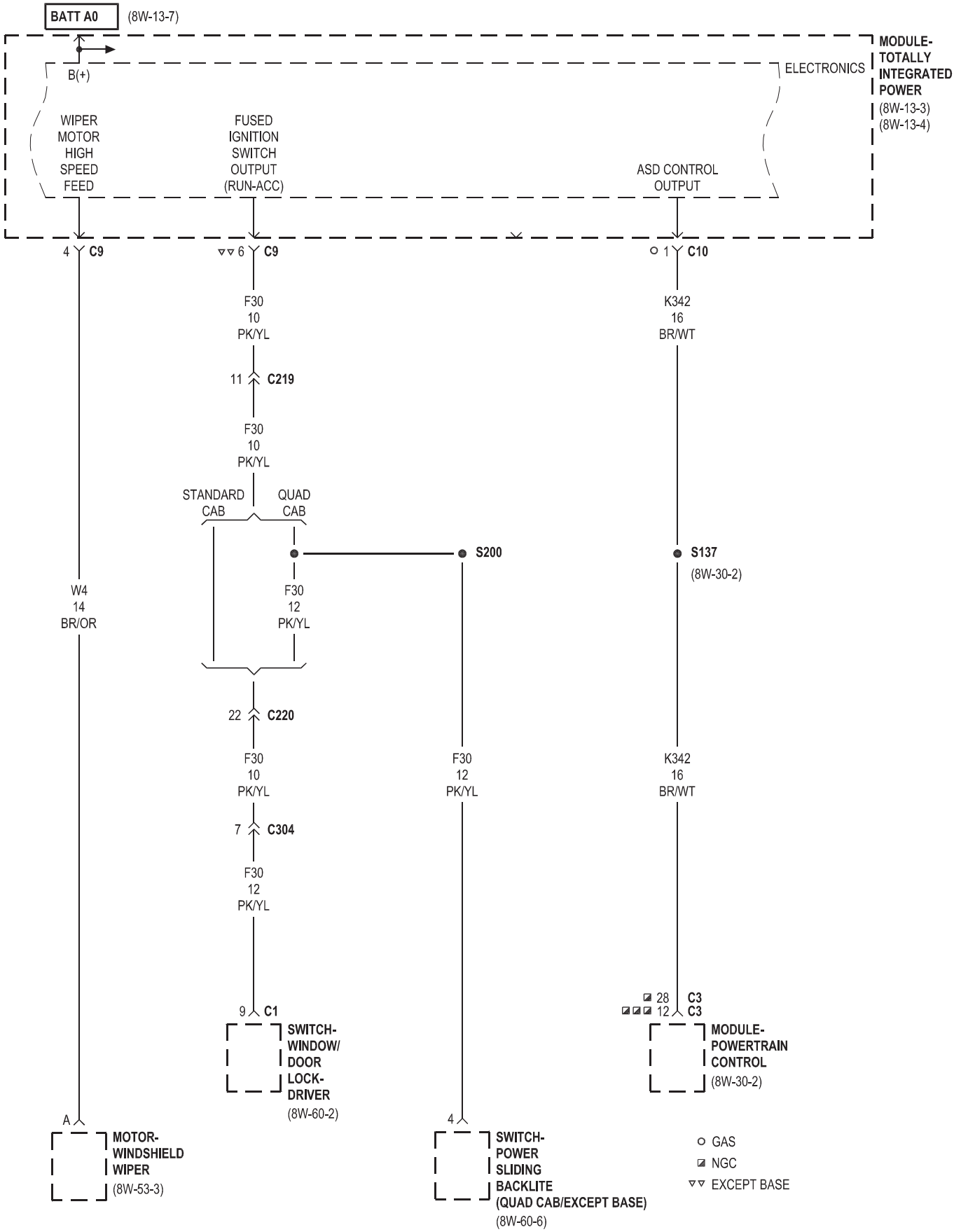

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
CAN C
BUS (+)
CAN C
DIAGNOSTIC (-)
CAN C
DIAGNOSTIC (+)
LEFT
REAR
TURN
LAMP
DRIVER
RIGHT
REAR
TURN
LAMP
DRIVER
BRAKE
LAMP
SWITCH
OUTPUT
1 C6
10 C6
2 C6
4 C6
6 C6
7 C6
D65
20
WT/LG
D51
20
WT/BR
D52
20
WT/LB
L63
20
WT/DG
L62
20
WT/YL
L50
20
WT/TN
S012
(8W-18-5)
71
74
8
7 C135
S111
(8W-33-2)
RWAL
AWAL
D65
18
WT/LG
D65
20
WT/LG
D51
20
WT/BR
D52
20
WT/LB
L63
20
WT/DG
L62
18
WT/YL
L50
18
WT/TN
3 C219
5
3
LAMP-
TAIL
STOP/
TURN-
RIGHT
(8W-51-6)
L50
18
WT/TN
5
3
LAMP-
TAIL
STOP/
TURN-
LEFT
(8W-51-5)
S214
(8W-33-2)
14
6
DATA
LINK
CONNECTOR
(8W-18-2)
L50
18
WT/TN
2
3
MODULE-
ANTI-
LOCK
BRAKES
(8W-34-2)
(8W-35-2)
2
SWITCH-
STOP
LAMP
(8W-33-2)
BOX ON
BOX OFF
SRT
EXCEPT SRT

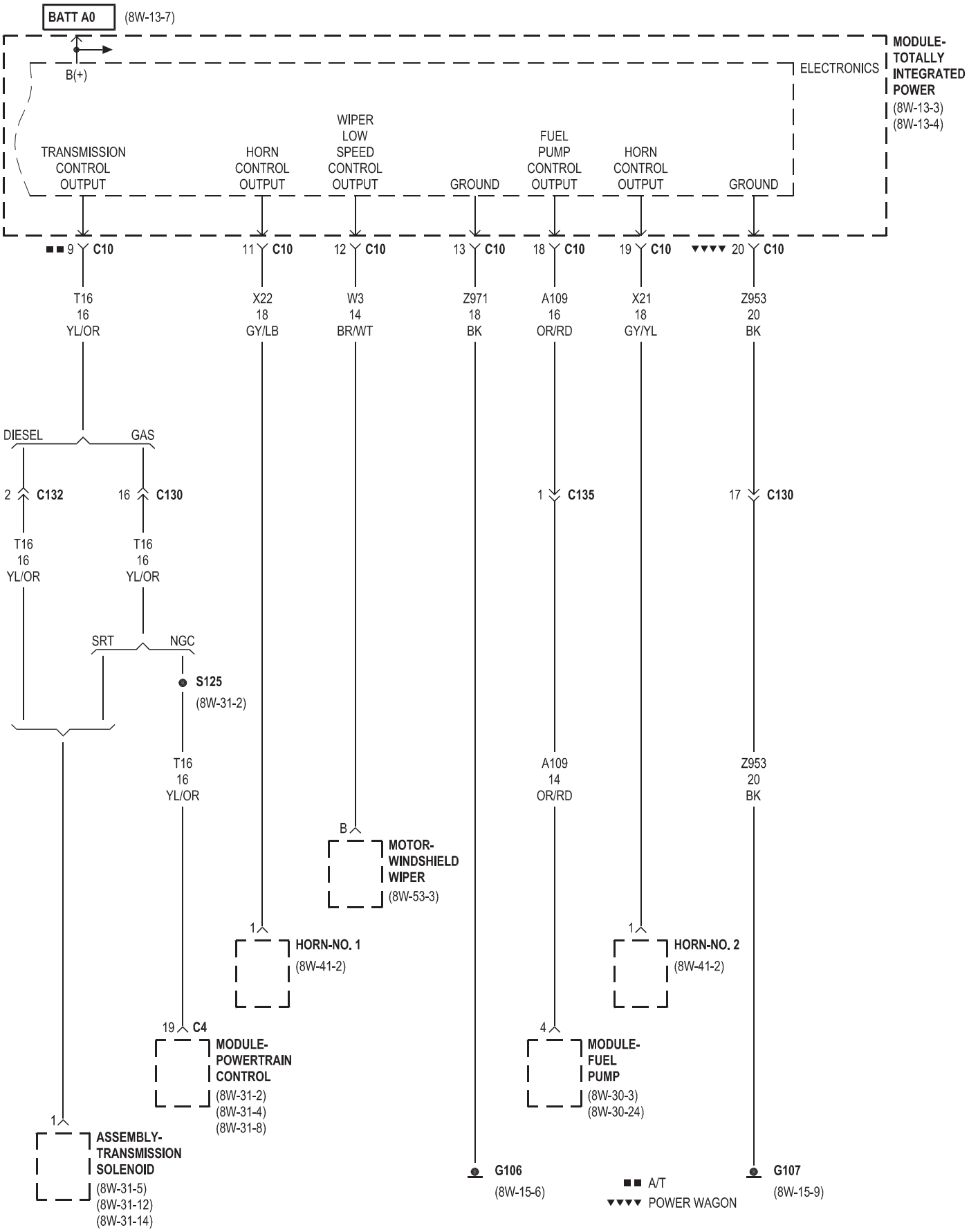

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
CAN C
BUS (-)
CAN B
BUS (+)
CAN B
BUS (-)
INPUT
SPEED
SENSOR 1
(N2) SIGNAL
INPUT
SPEED
SENSOR 1
(N2) RETURN
9 C6
3 C6
11 C6
15 C6
16 C6
D64
20
WT/LB
D55
20
WT/OR
D54
20
WT
T70
20
YL
T341
20
DG/VT
4.7L
5.7L
S011
(8W-18-6)
37
34 C219
32
31 C130
33 C130
RWAL
AWAL
D55
20
WT/OR
D54
20
WT
T70
20
YL
T341
20
DG/VT
S211
(8W-18-3)
S213
(8W-18-4)
1
2
SENSOR-
PROP
SHAFT
SPEED-
REAR
(FULL TIME ETC)
(8W-31-18)
D64
18
WT/LB
D64
20
WT/LB
D55
20
WT/OR
D54
20
WT
18 C3
18 C3
CLUSTER
(8W-40-2)
3
18
MODULE-
ANTI-
LOCK
BRAKES
(8W-34-2)
(8W-35-2)


BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
RIGHT LOW BEAM DRIVER
LEFT HIGH BEAM DRIVER
A/C PRESSURE 5 VOLT SUPPLY
FUSED IGNITION SWITCH OUTPUT (RUN)
3 C7
4 C7
7 C7
8 C7
EXCEPT SRT
SRT
3.7L/4.7L MTC
DIESEL/4.7L ETC/5.7L HD
L44 20 WT/TN
L33 20 WT/LG
C818 20 LB/OR
L10 20 WT/LG
L10 20 WT/GY
L10 20 WT/GY
4.7L ETC/5.7L HD
DIESEL
5.7L HD
4.7L ETC
3 C130
32 C130
14 C130
3 C132
10 C130
DIESEL
NGC
C818 18 LB/OR
C818 20 LB/OR
L10 20 WT/GY
L10 18 WT/GY
11 C112
C818 18 LB/OR
1
3
2
A
2
LAMP-HEADLAMP-RIGHT
(8W-50-3)
LAMP-HEADLAMP-LEFT
(8W-50-3)
TRANSDUCER-A/C PRESSURE
(8W-42-8)
SWITCH-BACKUP LAMP (M/T)
(8W-51-3)
M/T
SRT
EXCEPT SRT


BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
A/C PRESSURE SIGNAL
A/C PRESSURE GROUND
IGNITION SWITCH OUTPUT (START)
FOG LAMP CONTROL OUTPUT
BACKUP LAMP FEED
12 C7
13 C7
14 C7
10 C8
11 C8
C18 20 LB/BR
C918 20 BK/LB
T751 20 YL
L89 18 WT/YL
L1 18 WT/LG
5
10
26 C130
1 C138
S120
NGC
DIESEL
DIESEL
NGC
S104
(8W-50-5)
13 C135
27 C219
C18 20 LB/BR
C18 18 LB/BR
C918 18 BK/LB
C918 20 BK/LB
T751 20 YL
L89 18 WT/YL
L1 18 WT/LG
13 C112
12 C112
S325
(8W-51-5)
5 C206
C18 18 LB/BR
C918 18 BK/LB
L1 20 WT/LG
6
4
LAMP-TAIL STOP/ TURN-LEFT
(8W-51-5)
B
LAMP-FOG-LEFT FRONT
(8W-50-5)
3 C1
MIRROR-INSIDE REARVIEW
(8W-55-3)
30 C1
MODULE-POWERTRAIN CONTROL
(8W-31-2)
3
1
TRANSDUCER-A/C PRESSURE
(8W-42-7)
(8W-42-8)
BOX ON
BOX OFF
NGC
EXCEPT BASE
EXCEPT SRT

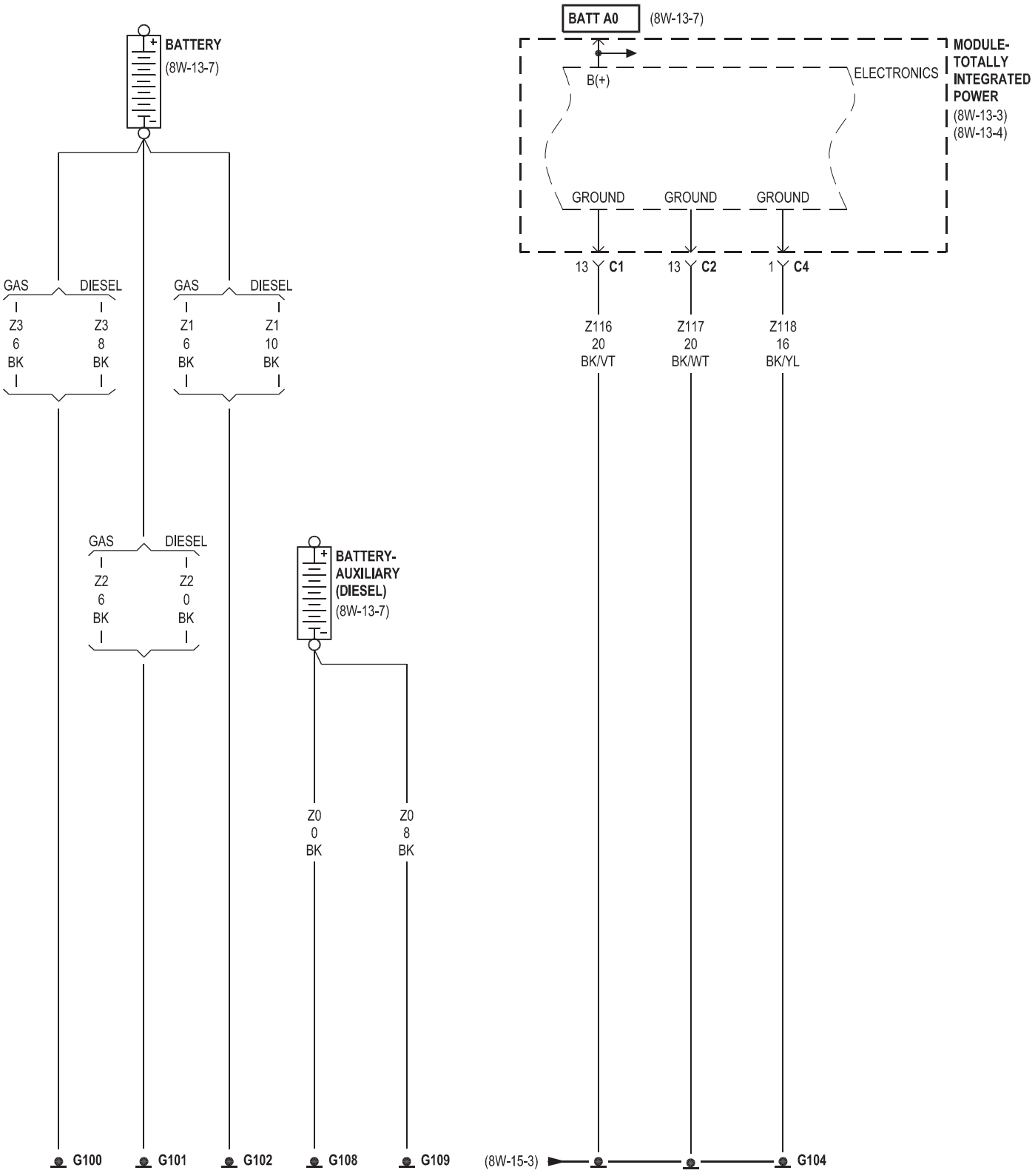

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUEL HEATER CONTROL OUTPUT
CONDENSER FAN CONTROL OUTPUT
OXYGEN SENSOR DOWNSTREAM CONTROL OUTPUT
STARTER MOTOR CONTROL OUTPUT
A/C CLUTCH CONTROL OUTPUT
12 C8
12 C8
12 C8
2 C9
3 C9
A961 12 RD
C123 14 LB/WT
K344 18 BR/GY
T40 14 YL/TN
C3 20 DB/YL
17 C130
24 C130
23 C130
12
SRT
EXCEPT SRT
DIESEL
GAS
A961 14 RD
K344 18 BR/GY
T40 14 YL/GY
T40 14 YL/TN
C3 18 DB/YL
C3 20 DB/YL
S141
(8W-30-17)
14 C112
K344 18 BR/GY
C3 18 DB/YL
1
RELAY-STARTER MOTOR
(8W-21-2)
(8W-21-4)
1
SENSOR-OXYGEN-LEFT REAR
(8W-30-17)
1
CLUTCH-A/C COMPRESSOR
(8W-42-6)
2
MOTOR-CONDENSER FAN
(8W-42-8)
B
HEATER-FUEL (DIESEL)
(8W-30-24)
DIESEL
NGC
SRT
EXCEPT SRT

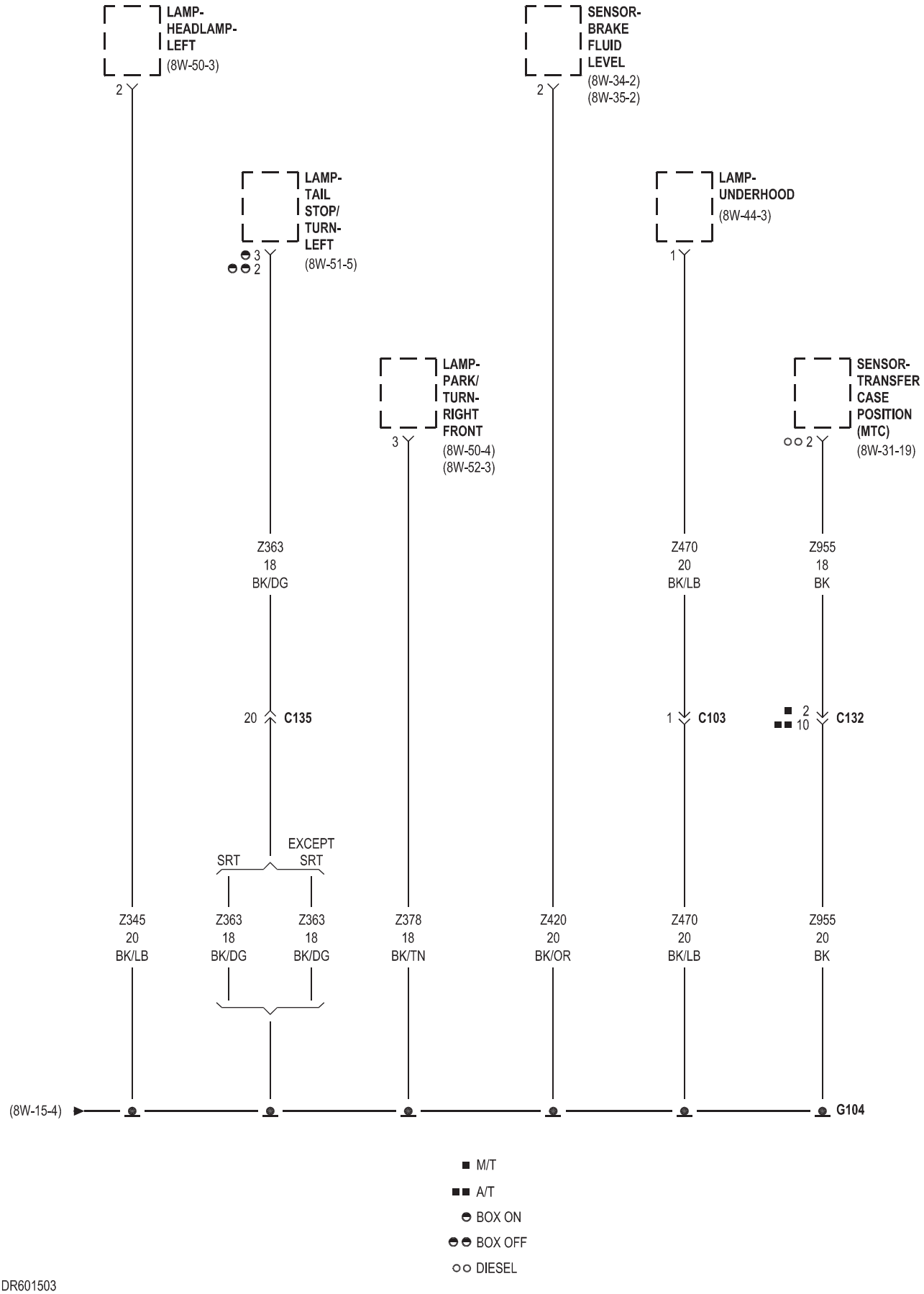

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
WIPER
MOTOR
HIGH
SPEED
FEED
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-ACC)
ASD CONTROL
OUTPUT
4 C9
6 C9
1 C10
F30
10
PK/YL
K342
16
BR/WT
11 C219
F30
10
PK/YL
STANDARD
CAB
QUAD
CAB
S200
S137
(8W-30-2)
W4
14
BR/OR
F30
12
PK/YL
22 C220
F30
10
PK/YL
F30
12
PK/YL
K342
16
BR/WT
7 C304
F30
12
PK/YL
9 C1
28 C3
12 C3
SWITCH-
WINDOW/
DOOR
LOCK-
DRIVER
(8W-60-2)
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
A
MOTOR-
WINDSHIELD
WIPER
(8W-53-3)
4
SWITCH-
POWER
SLIDING
BACKLITE
(QUAD CAB/EXCEPT BASE)
(8W-60-6)
GAS
NGC
EXCEPT BASE

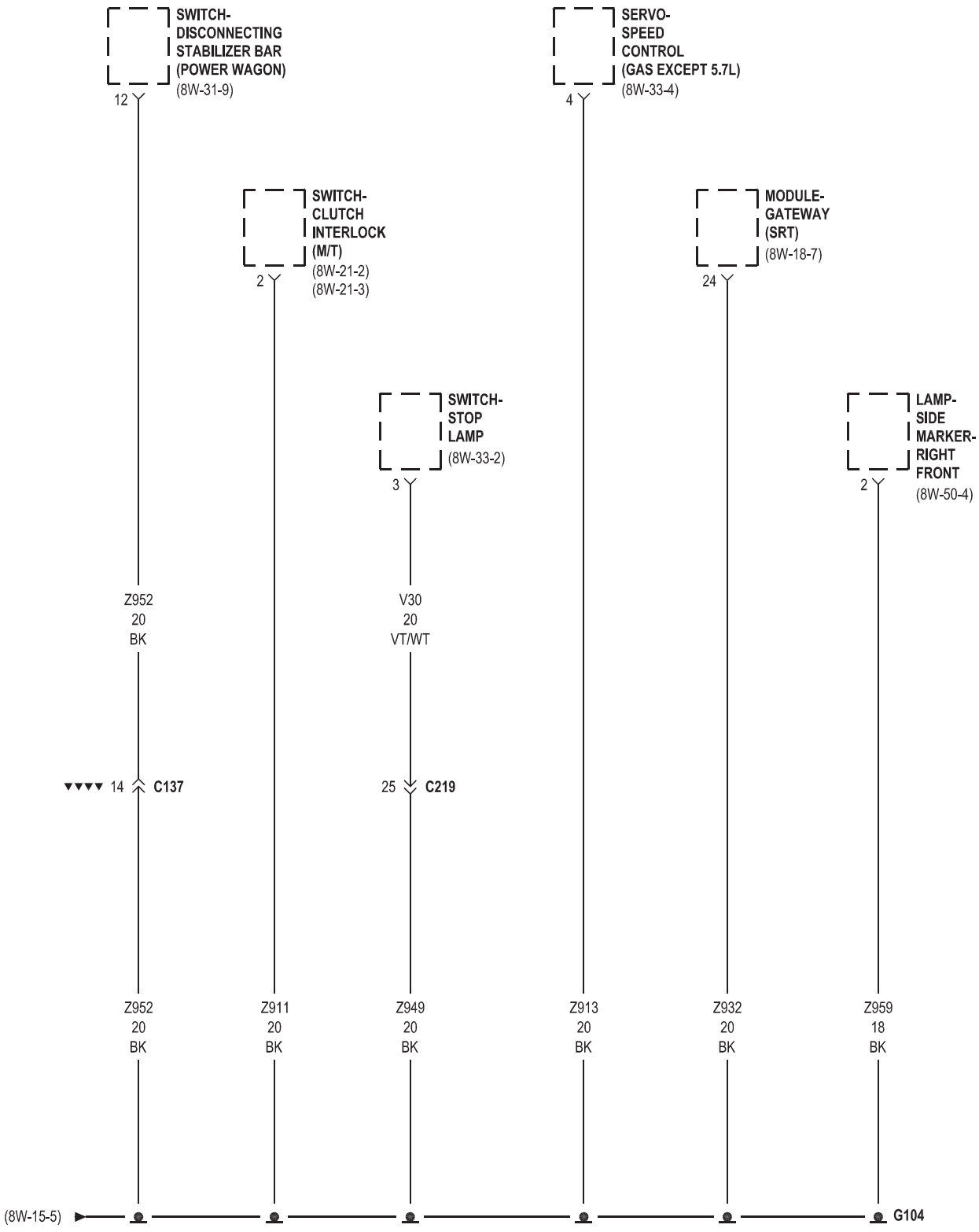

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
TRANSMISSION
CONTROL
OUTPUT
HORN
CONTROL
OUTPUT
WIPER
LOW
SPEED
CONTROL
OUTPUT
GROUND
FUEL
PUMP
CONTROL
OUTPUT
HORN
CONTROL
OUTPUT
GROUND
9 C10
11 C10
12 C10
13 C10
18 C10
19 C10
20 C10
T16
16
YL/OR
X22
18
GY/LB
W3
14
BR/WT
Z971
18
BK
A109
16
OR/RD
X21
18
GY/YL
Z953
20
BK
DIESEL
GAS
2 C132
16 C130
1 C135
17 C130
T16
16
YL/OR
T16
16
YL/OR
SRT
NGC
S125
(8W-31-2)
T16
16
YL/OR
A109
14
OR/RD
Z953
20
BK
B
MOTOR-
WINDSHIELD
WIPER
(8W-53-3)
1
HORN-NO. 1
(8W-41-2)
1
HORN-NO. 2
(8W-41-2)
19 C4
MODULE-
POWERTRAIN
CONTROL
(8W-31-2)
(8W-31-4)
(8W-31-8)
4
MODULE-
FUEL
PUMP
(8W-30-3)
(8W-30-24)
1
ASSEMBLY-
TRANSMISSION
SOLENOID
(8W-31-5)
(8W-31-12)
(8W-31-14)
G106
(8W-15-6)
A/T
POWER WAGON
G107
(8W-15-9)

# 8W-15 GROUND DISTRIBUTION

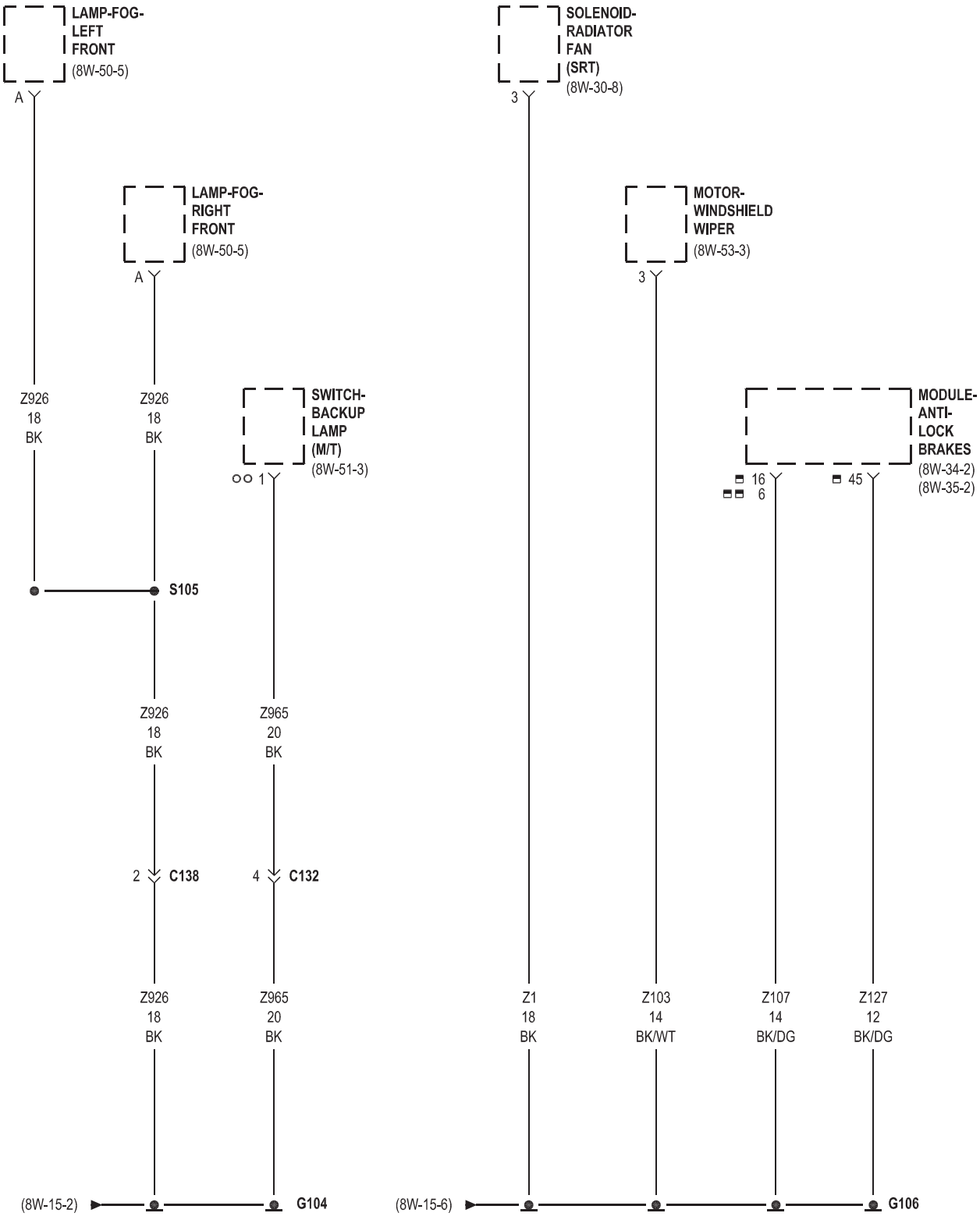

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BATTERY
(8W-13-7)
GAS
DIESEL
Z3
6
BK
Z3
8
BK
GAS
DIESEL
Z1
6
BK
Z1
10
BK
GAS
DIESEL
Z2
6
BK
Z2
0
BK
BATTERY-
AUXILIARY
(DIESEL)
(8W-13-7)
Z0
0
BK
Z0
8
BK
G100
G101
G102
G108
G109
BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
GROUND
GROUND
GROUND
13
C1
13
C2
1
C4
Z116
20
BK/VT
Z117
20
BK/WT
Z118
16
BK/YL
(8W-15-3)
G104

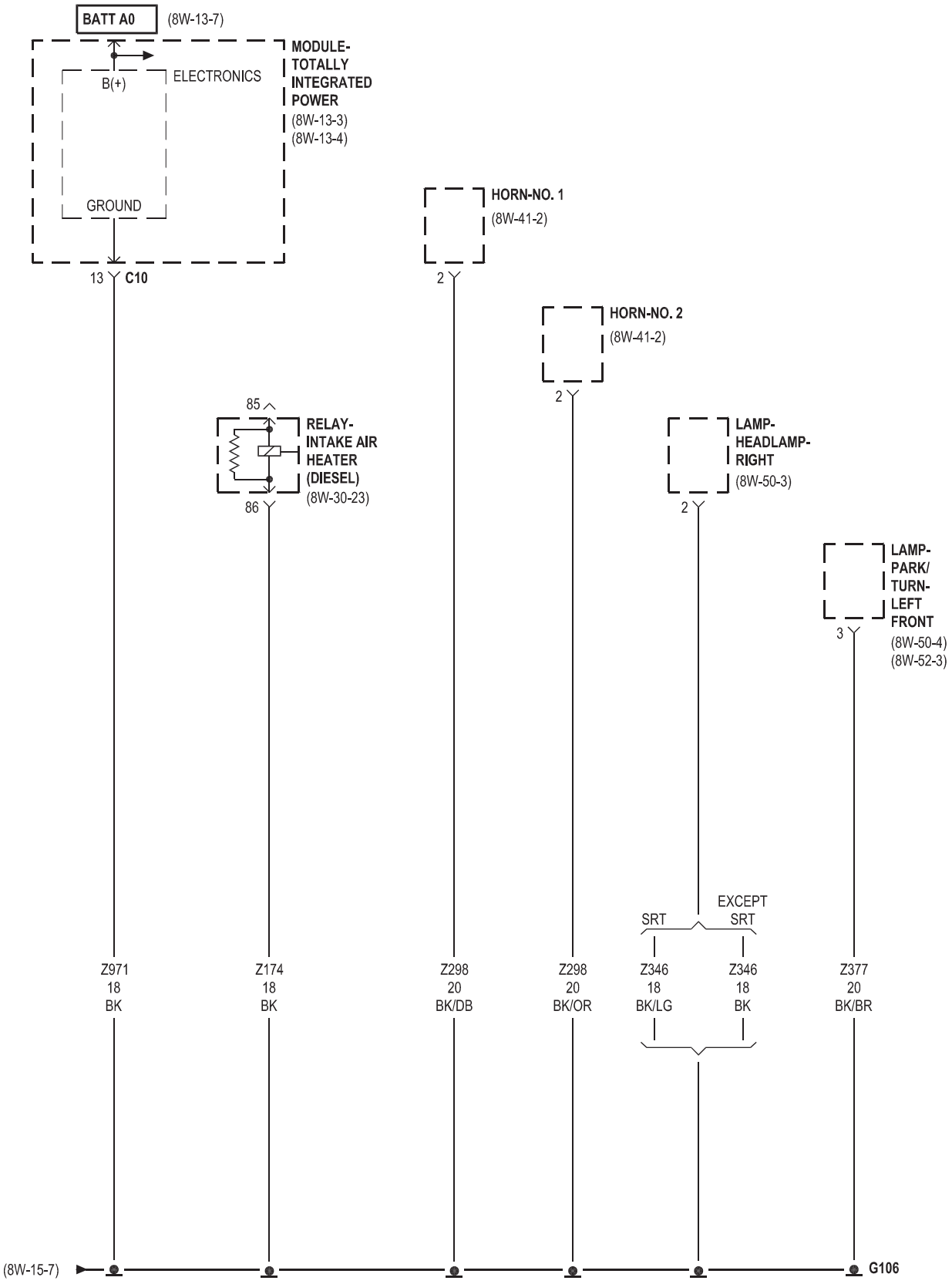

LAMP-
HEADLAMP-
LEFT
(8W-50-3)
2
LAMP-
TAIL
STOP/
TURN-
LEFT
(8W-51-5)
3
2
LAMP-
PARK/
TURN-
RIGHT
FRONT
(8W-50-4)
(8W-52-3)
3
SENSOR-
BRAKE
FLUID
LEVEL
(8W-34-2)
(8W-35-2)
2
LAMP-
UNDERHOOD
(8W-44-3)
1
SENSOR-
TRANSFER
CASE
POSITION
(MTC)
(8W-31-19)
2
Z363
18
BK/DG
Z470
20
BK/LB
Z955
18
BK
20 C135
1 C103
2
10
C132
SRT
EXCEPT
SRT
Z345
20
BK/LB
Z363
18
BK/DG
Z363
18
BK/DG
Z378
18
BK/TN
Z420
20
BK/OR
Z470
20
BK/LB
Z955
20
BK
(8W-15-4)
G104
M/T
A/T
BOX ON
BOX OFF
DIESEL

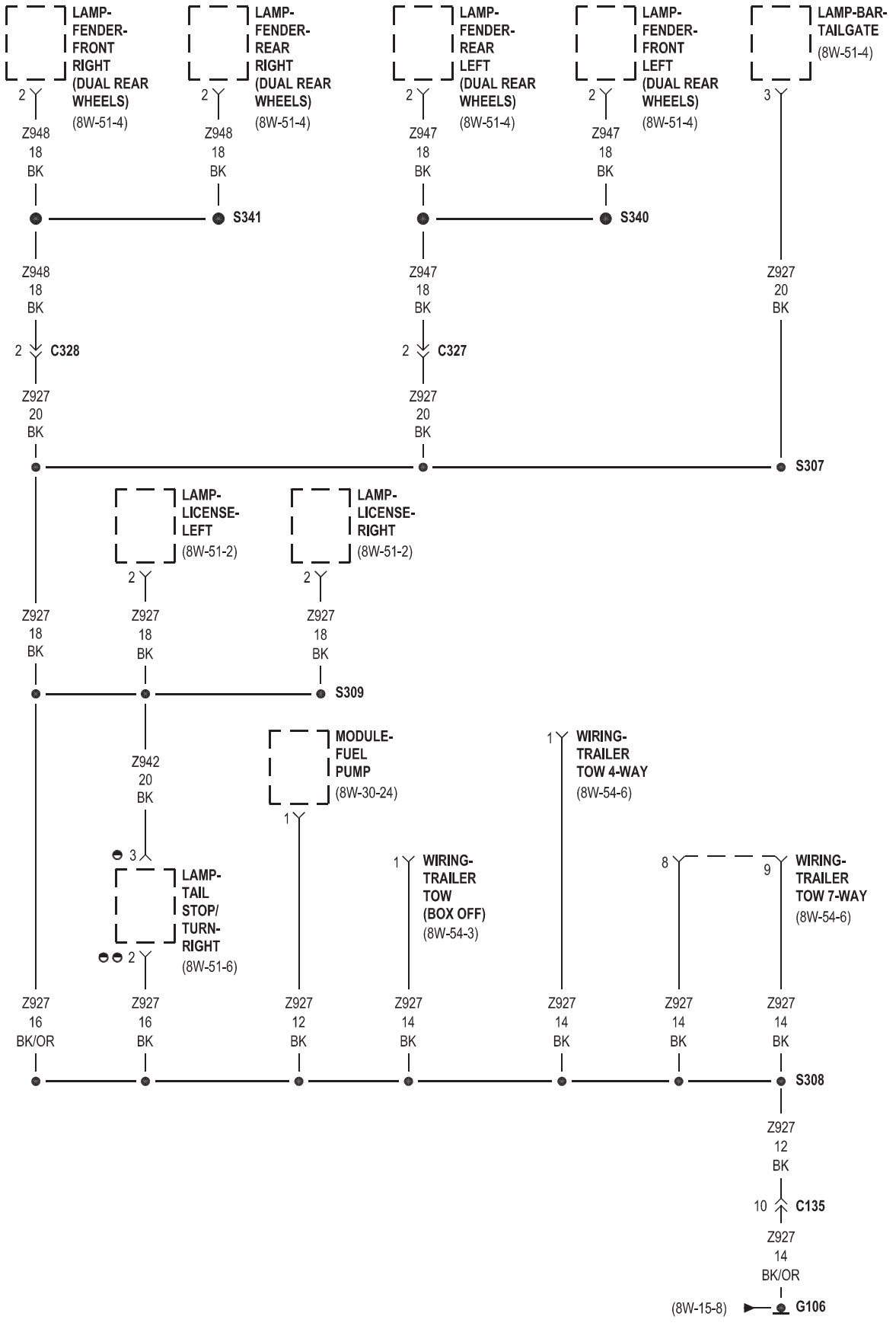

SWITCH-
DISCONNECTING
STABILIZER BAR
(POWER WAGON)
(8W-31-9)
12
SWITCH-
CLUTCH
INTERLOCK
(M/T)
(8W-21-2)
(8W-21-3)
2
SWITCH-
STOP
LAMP
(8W-33-2)
3
SERVO-
SPEED
CONTROL
(GAS EXCEPT 5.7L)
(8W-33-4)
4
MODULE-
GATEWAY
(SRT)
(8W-18-7)
24
LAMP-
SIDE
MARKER-
RIGHT
FRONT
(8W-50-4)
2
Z952
20
BK
V30
20
VT/WT
▼▼▼▼ 14 C137
25 C219
Z952
20
BK
Z911
20
BK
Z949
20
BK
Z913
20
BK
Z932
20
BK
Z959
18
BK
(8W-15-5)
G104

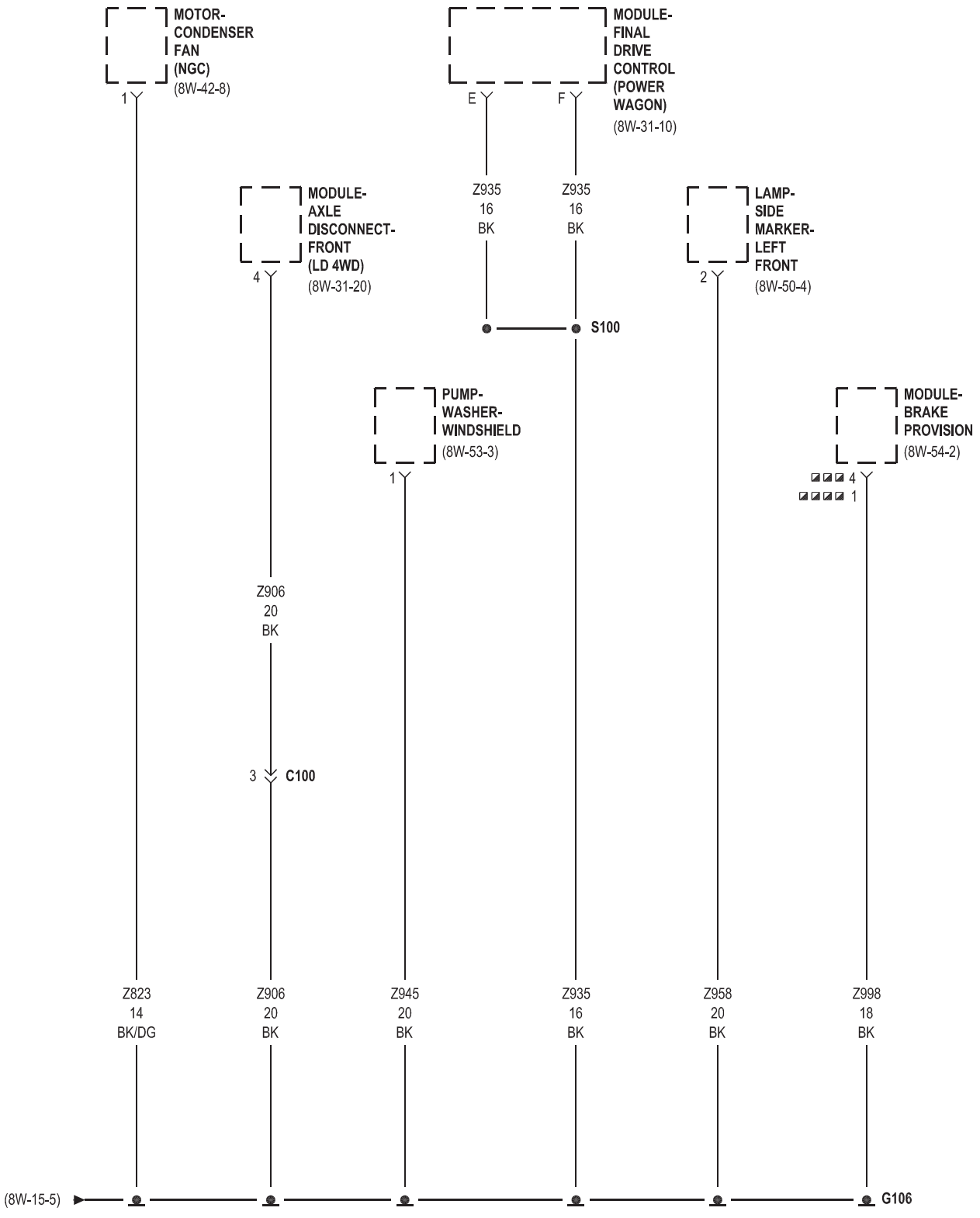
▼▼▼▼ POWER WAGON

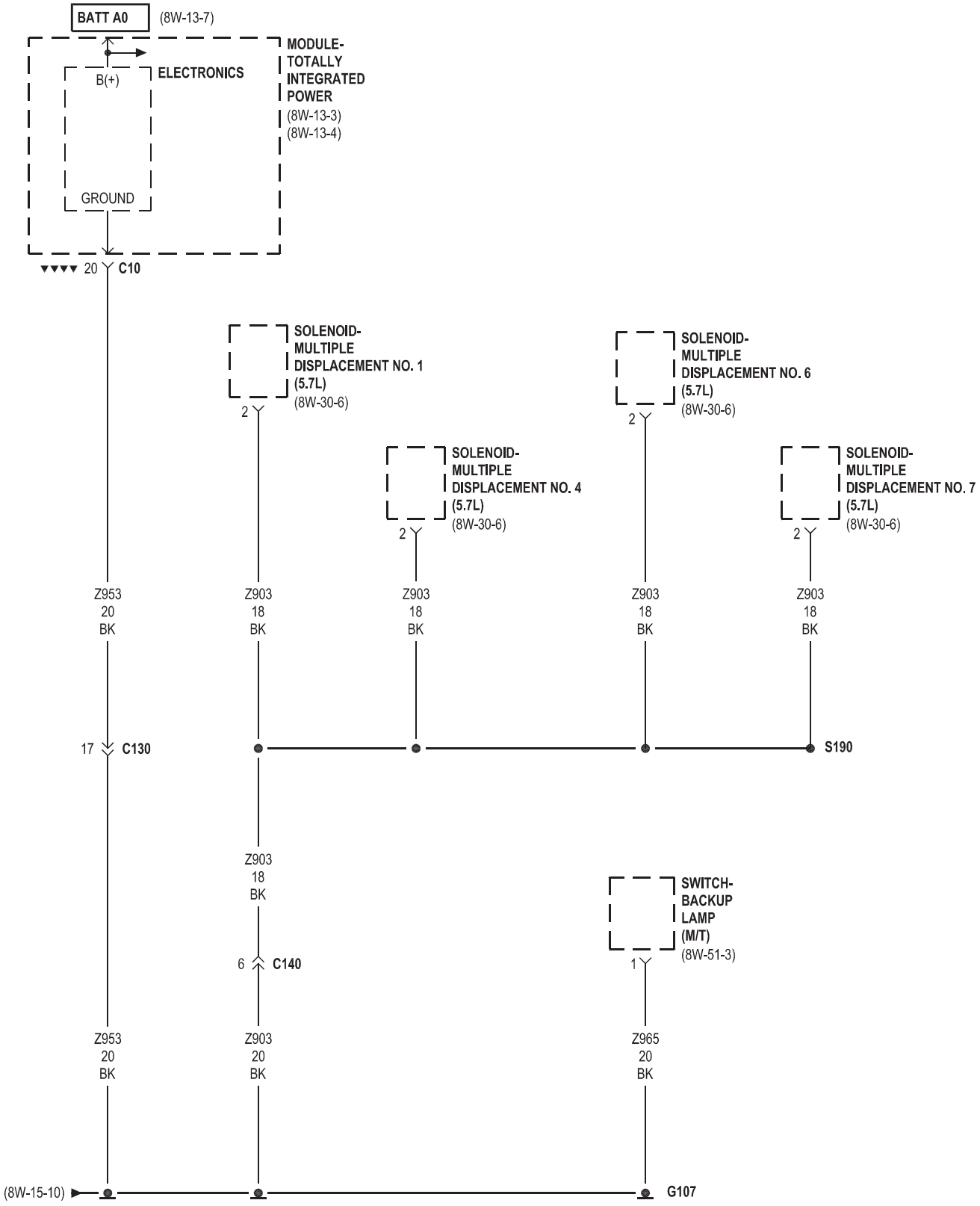



AWAL
RWAL
DIESEL

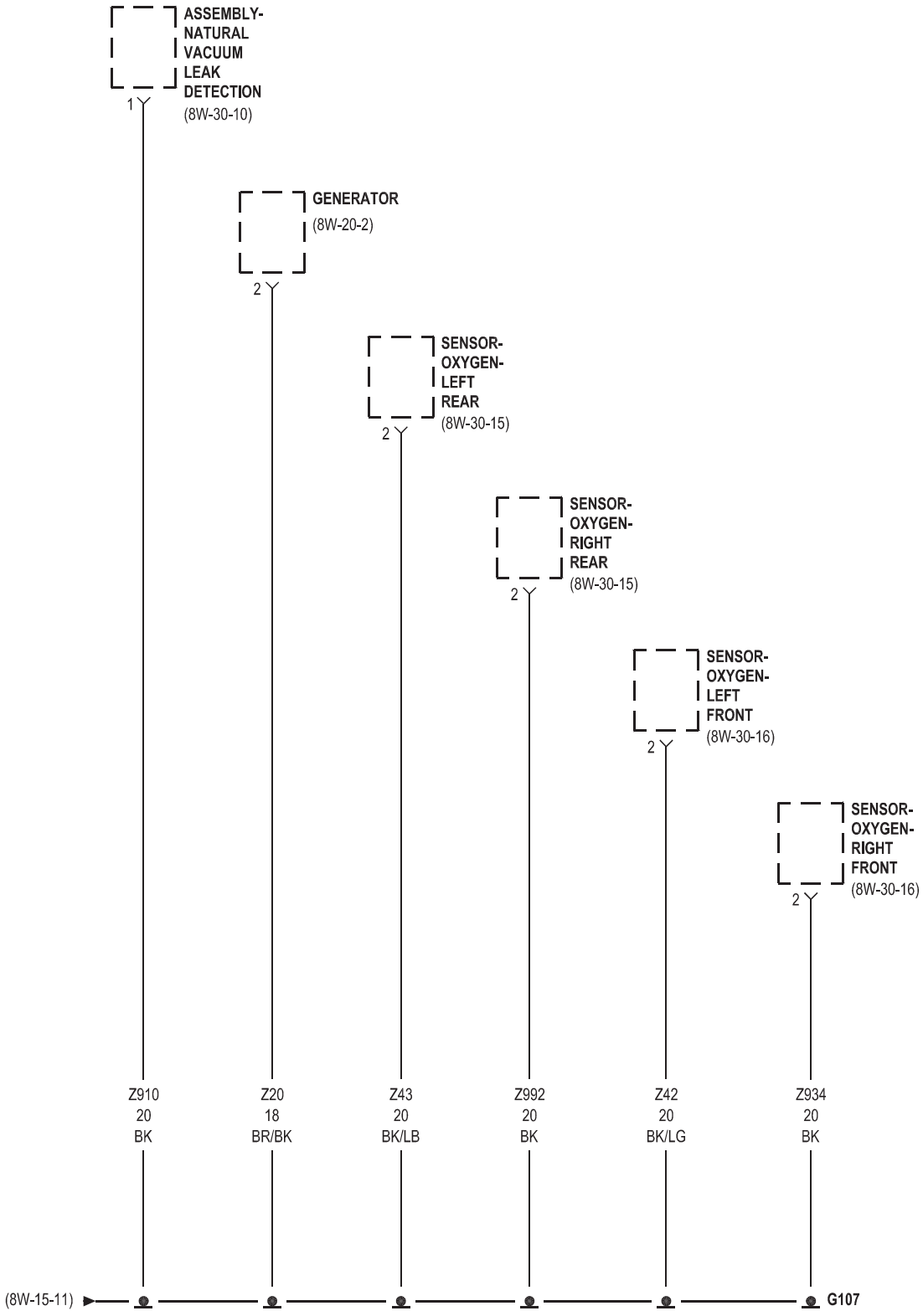

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
GROUND
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
13
C10
HORN-NO. 1
(8W-41-2)
2
HORN-NO. 2
(8W-41-2)
2
85
RELAY-
INTAKE AIR
HEATER
(DIESEL)
(8W-30-23)
86
LAMP-
HEADLAMP-
RIGHT
(8W-50-3)
2
LAMP-
PARK/
TURN-
LEFT
FRONT
3
(8W-50-4)
(8W-52-3)
EXCEPT
SRT
SRT
Z971
18
BK
Z174
18
BK
Z298
20
BK/DB
Z298
20
BK/OR
Z346
18
BK/LG
Z346
18
BK
Z377
20
BK/BR
(8W-15-7)
G106

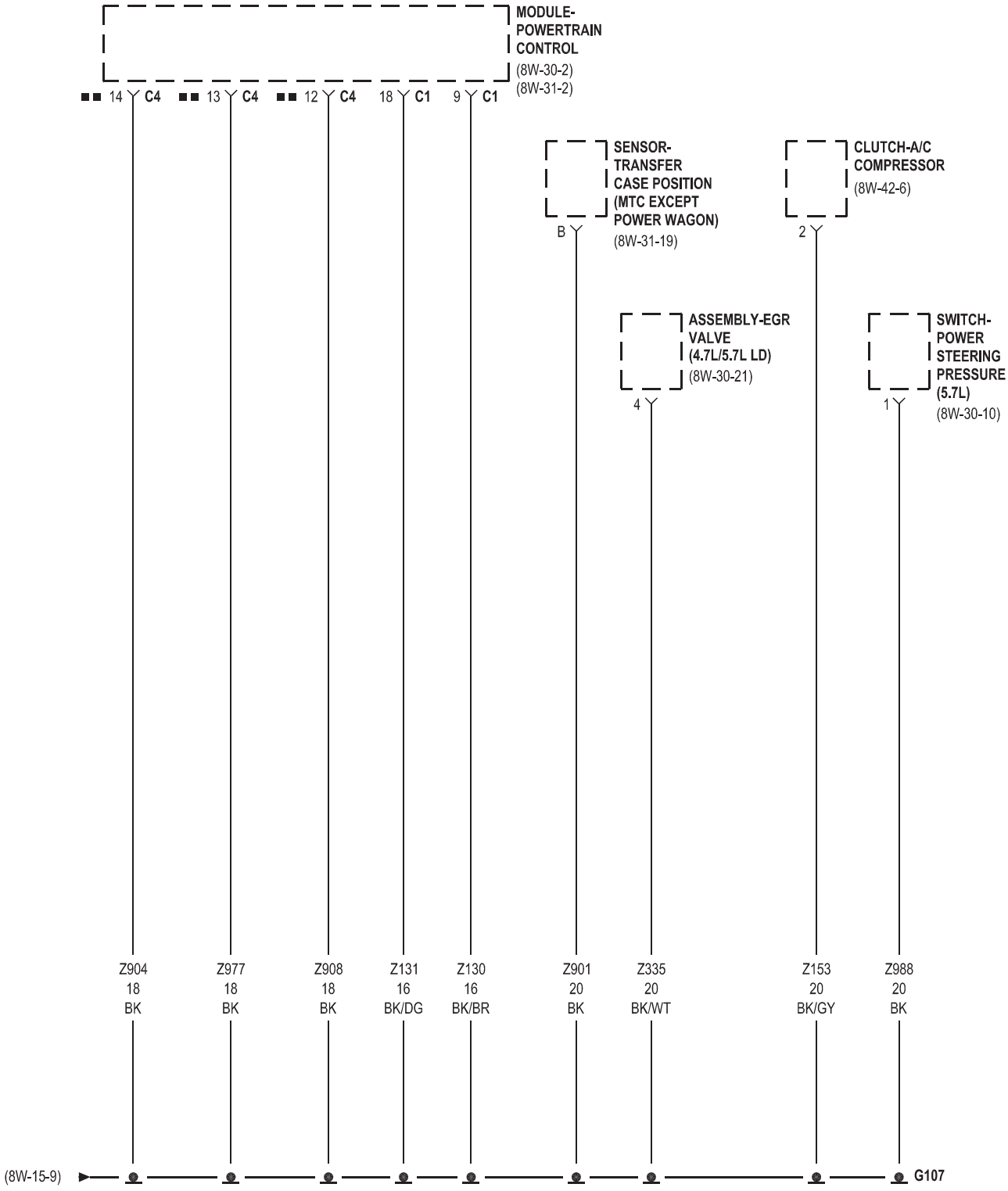

LAMP-FENDER-FRONT RIGHT (DUAL REAR WHEELS) (8W-51-4)
LAMP-FENDER-REAR RIGHT (DUAL REAR WHEELS) (8W-51-4)
LAMP-FENDER-REAR LEFT (DUAL REAR WHEELS) (8W-51-4)
LAMP-FENDER-FRONT LEFT (DUAL REAR WHEELS) (8W-51-4)
LAMP-BAR-TAILGATE (8W-51-4)
2 Z948 18 BK
2 Z948 18 BK
2 Z947 18 BK
2 Z947 18 BK
3 Z927 20 BK
S341
S340
Z948 18 BK
Z947 18 BK
2 C328
2 C327
Z927 20 BK
Z927 20 BK
S307
LAMP-LICENSE-LEFT (8W-51-2)
LAMP-LICENSE-RIGHT (8W-51-2)
2 Z927 18 BK
2 Z927 18 BK
Z927 18 BK
Z927 18 BK
S309
MODULE-FUEL PUMP (8W-30-24)
1 WIRING-TRAILER TOW 4-WAY (8W-54-6)
Z942 20 BK
1
3
LAMP-TAIL STOP/TURN-RIGHT (8W-51-6)
2
1 WIRING-TRAILER TOW (BOX OFF) (8W-54-3)
8 9 WIRING-TRAILER TOW 7-WAY (8W-54-6)
Z927 16 BK/OR
Z927 16 BK
Z927 12 BK
Z927 14 BK
Z927 14 BK
Z927 14 BK
Z927 14 BK
S308
Z927 12 BK
10 C135
Z927 14 BK/OR
(8W-15-8) G106
BOX
EXCEPT BOX


MOTOR-
CONDENSER
FAN
(NGC)
(8W-42-8)
1
MODULE-
FINAL
DRIVE
CONTROL
(POWER
WAGON)
(8W-31-10)
E
F
Z935
16
BK
Z935
16
BK
MODULE-
AXLE
DISCONNECT-
FRONT
(LD 4WD)
(8W-31-20)
4
LAMP-
SIDE
MARKER-
LEFT
FRONT
(8W-50-4)
2
S100
PUMP-
WASHER-
WINDSHIELD
(8W-53-3)
1
MODULE-
BRAKE
PROVISION
(8W-54-2)
4
1
Z906
20
BK
3
C100
Z823
14
BK/DG
Z906
20
BK
Z945
20
BK
Z935
16
BK
Z958
20
BK
Z998
18
BK
(8W-15-5)
G106
SRT
EXCEPT SRT

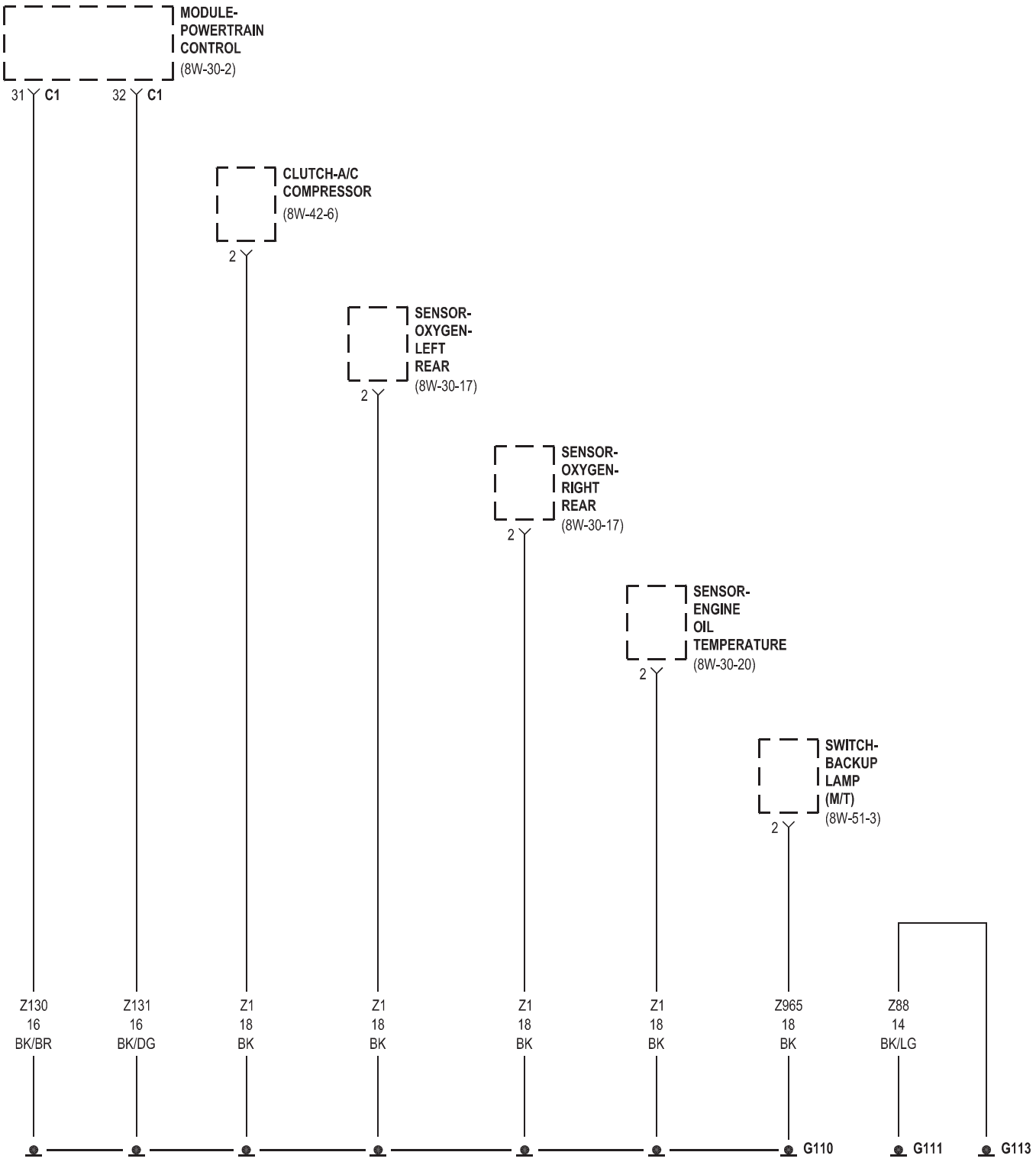

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
GROUND
▼▼▼▼ 20 C10
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 1
(5.7L)
(8W-30-6)
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 4
(5.7L)
(8W-30-6)
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 6
(5.7L)
(8W-30-6)
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 7
(5.7L)
(8W-30-6)
Z953
20
BK
Z903
18
BK
17 C130
S190
6 C140
SWITCH-
BACKUP
LAMP
(M/T)
(8W-51-3)
Z965
20
BK
Z903
20
BK
(8W-15-10)
G107

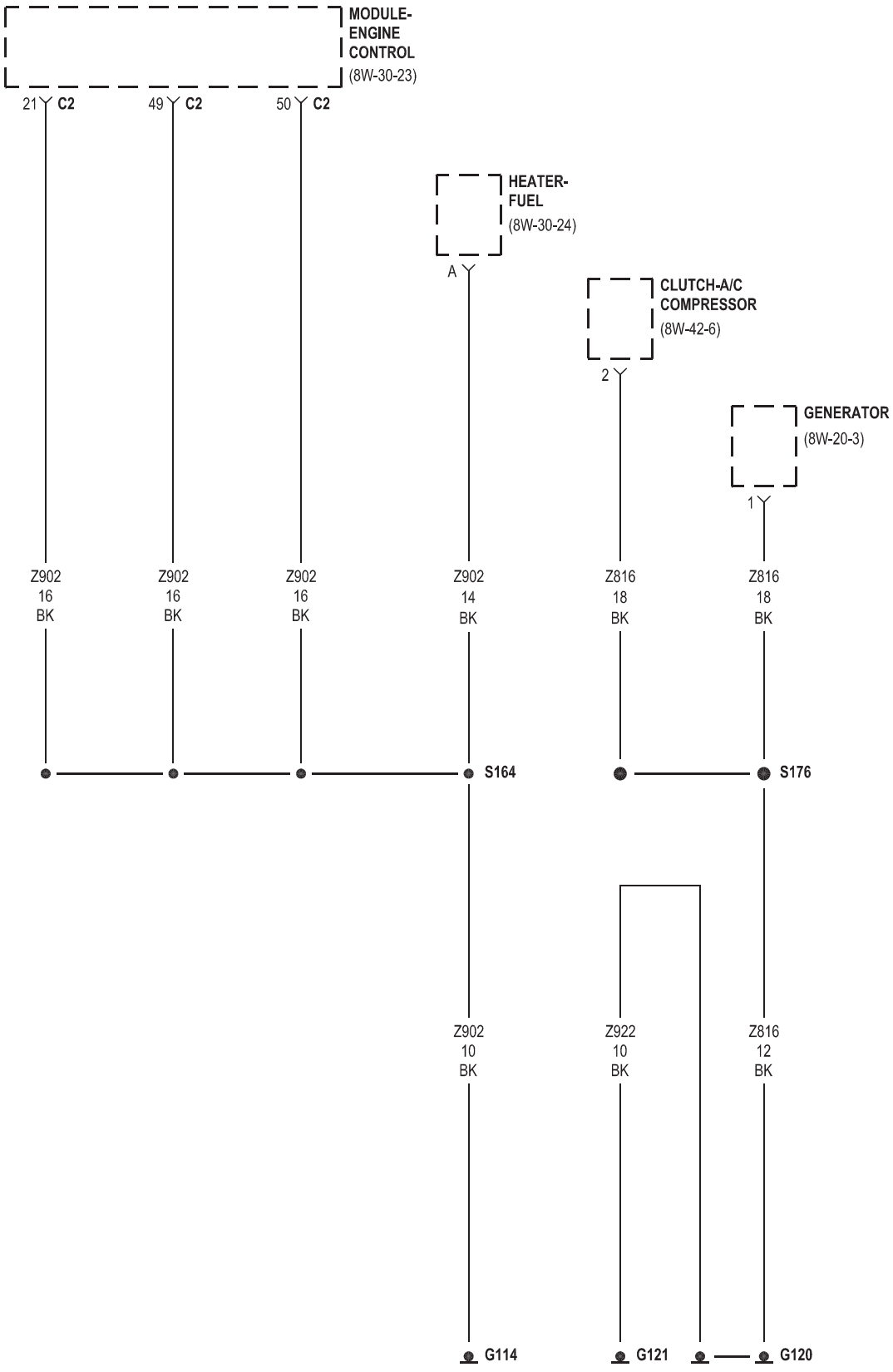
▼▼▼▼ POWER WAGON

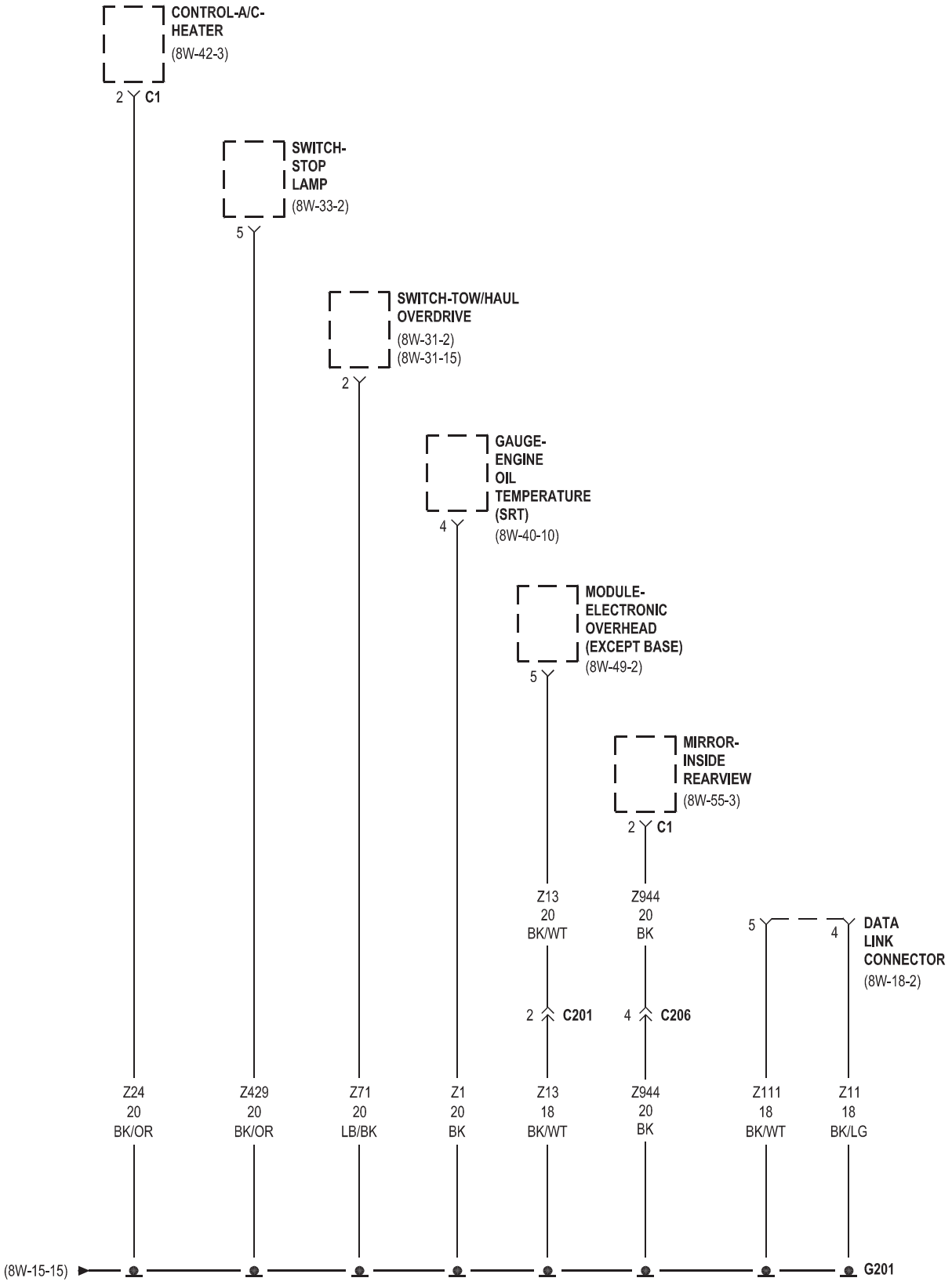

ASSEMBLY-
NATURAL
VACUUM
LEAK
DETECTION
(8W-30-10)
1
GENERATOR
(8W-20-2)
2
SENSOR-
OXYGEN-
LEFT
REAR
(8W-30-15)
2
SENSOR-
OXYGEN-
RIGHT
REAR
(8W-30-15)
2
SENSOR-
OXYGEN-
LEFT
FRONT
(8W-30-16)
2
SENSOR-
OXYGEN-
RIGHT
FRONT
(8W-30-16)
2
Z910
20
BK
Z20
18
BR/BK
Z43
20
BK/LB
Z992
20
BK
Z42
20
BK/LG
Z934
20
BK
(8W-15-11)
G107

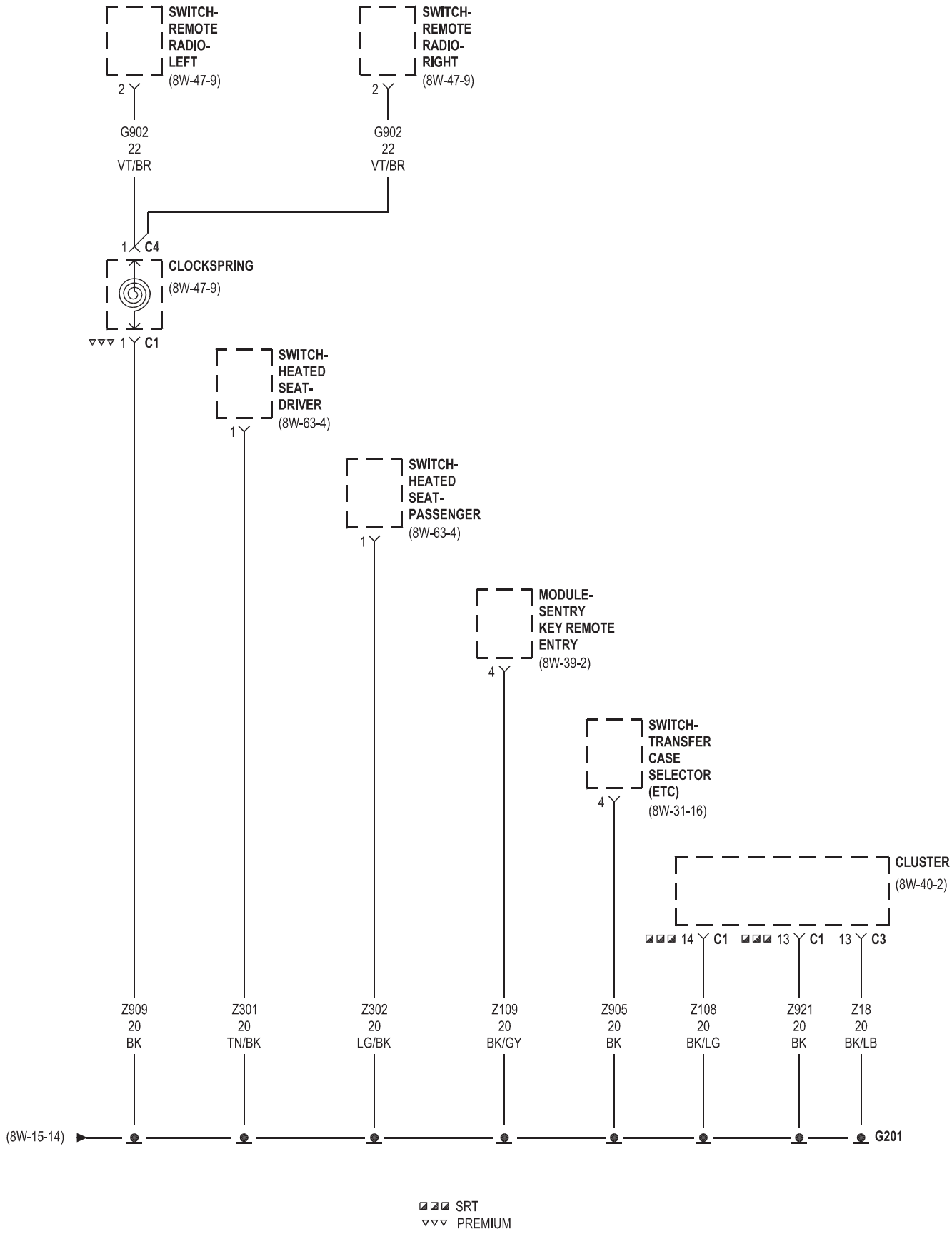

MODULE-POWERTRAIN CONTROL
(8W-30-2)
(8W-31-2)
14 C4
13 C4
12 C4
18 C1
9 C1
SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON)
(8W-31-19)
B
CLUTCH-A/C COMPRESSOR
(8W-42-6)
2
ASSEMBLY-EGR VALVE (4.7L/5.7L LD)
(8W-30-21)
4
SWITCH-POWER STEERING PRESSURE (5.7L)
(8W-30-10)
1
Z904 18 BK
Z977 18 BK
Z908 18 BK
Z131 16 BK/DG
Z130 16 BK/BR
Z901 20 BK
Z335 20 BK/WT
Z153 20 BK/GY
Z988 20 BK
(8W-15-9)
G107

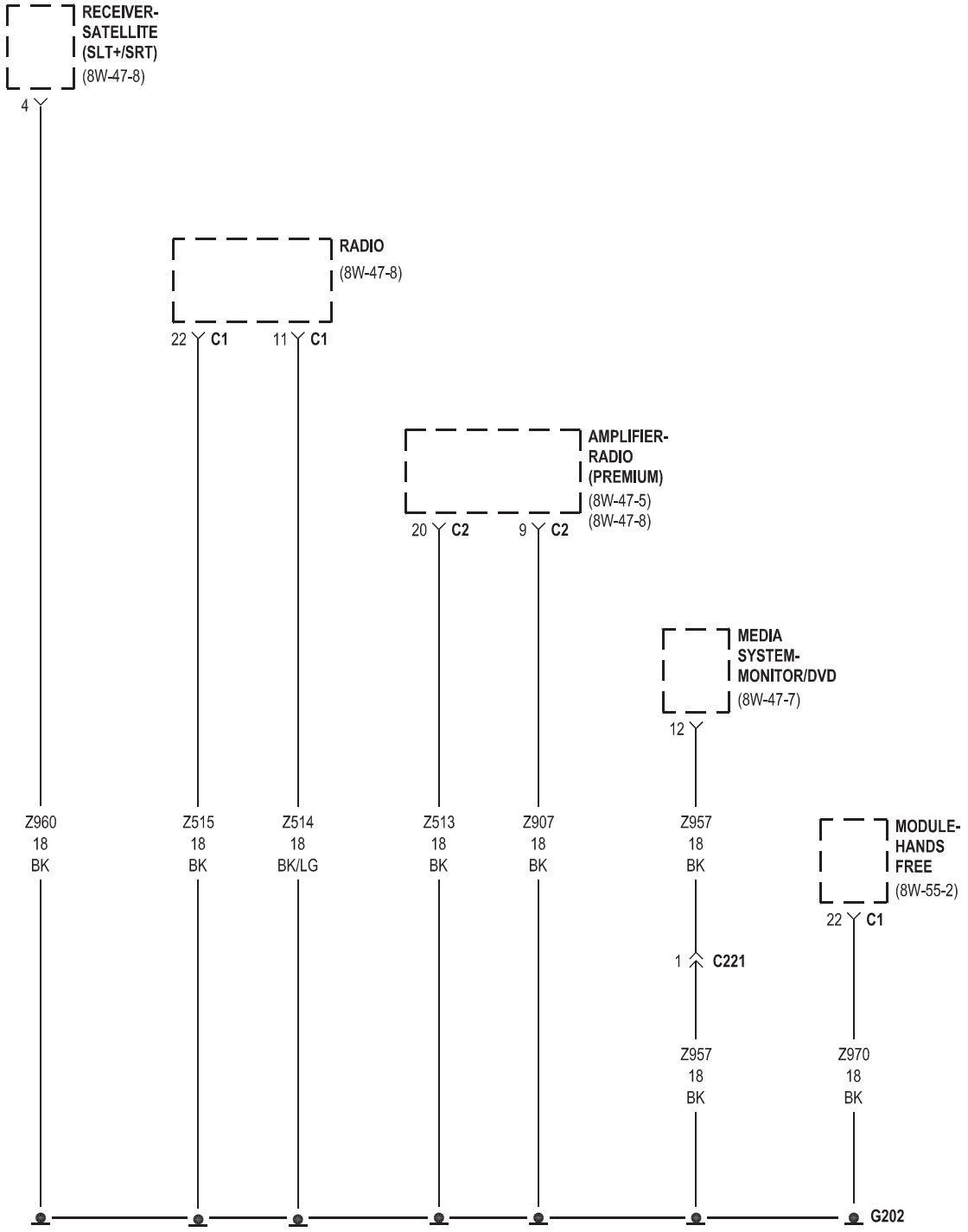
■■ A/T

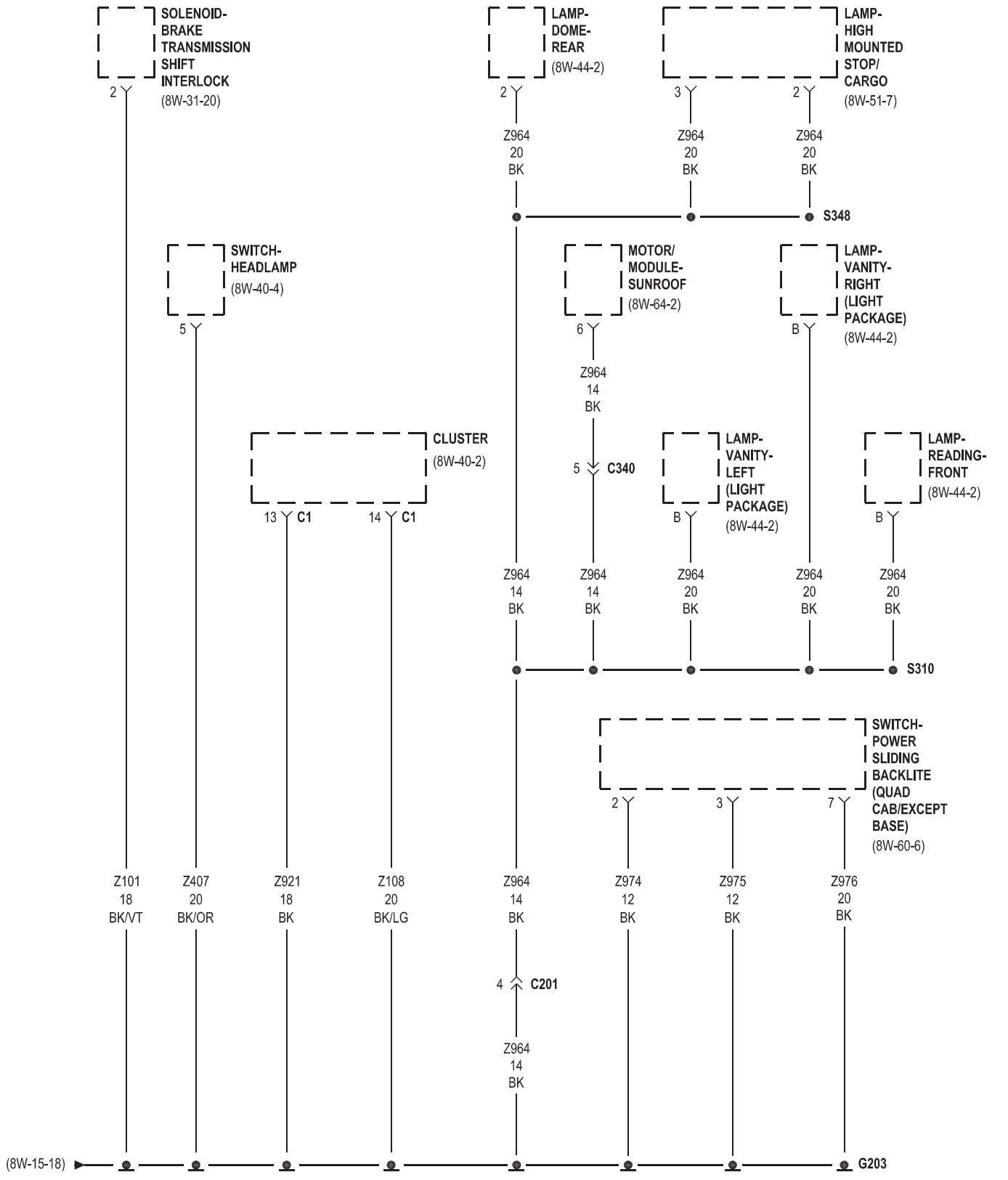

MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
31 C1
32 C1
CLUTCH-A/C
COMPRESSOR
(8W-42-6)
2
SENSOR-
OXYGEN-
LEFT
REAR
(8W-30-17)
2
SENSOR-
OXYGEN-
RIGHT
REAR
(8W-30-17)
2
SENSOR-
ENGINE
OIL
TEMPERATURE
(8W-30-20)
2
SWITCH-
BACKUP
LAMP
(M/T)
(8W-51-3)
2
Z130
16
BK/BR
Z131
16
BK/DG
Z1
18
BK
Z1
18
BK
Z1
18
BK
Z1
18
BK
Z965
18
BK
Z88
14
BK/LG
G110
G111
G113

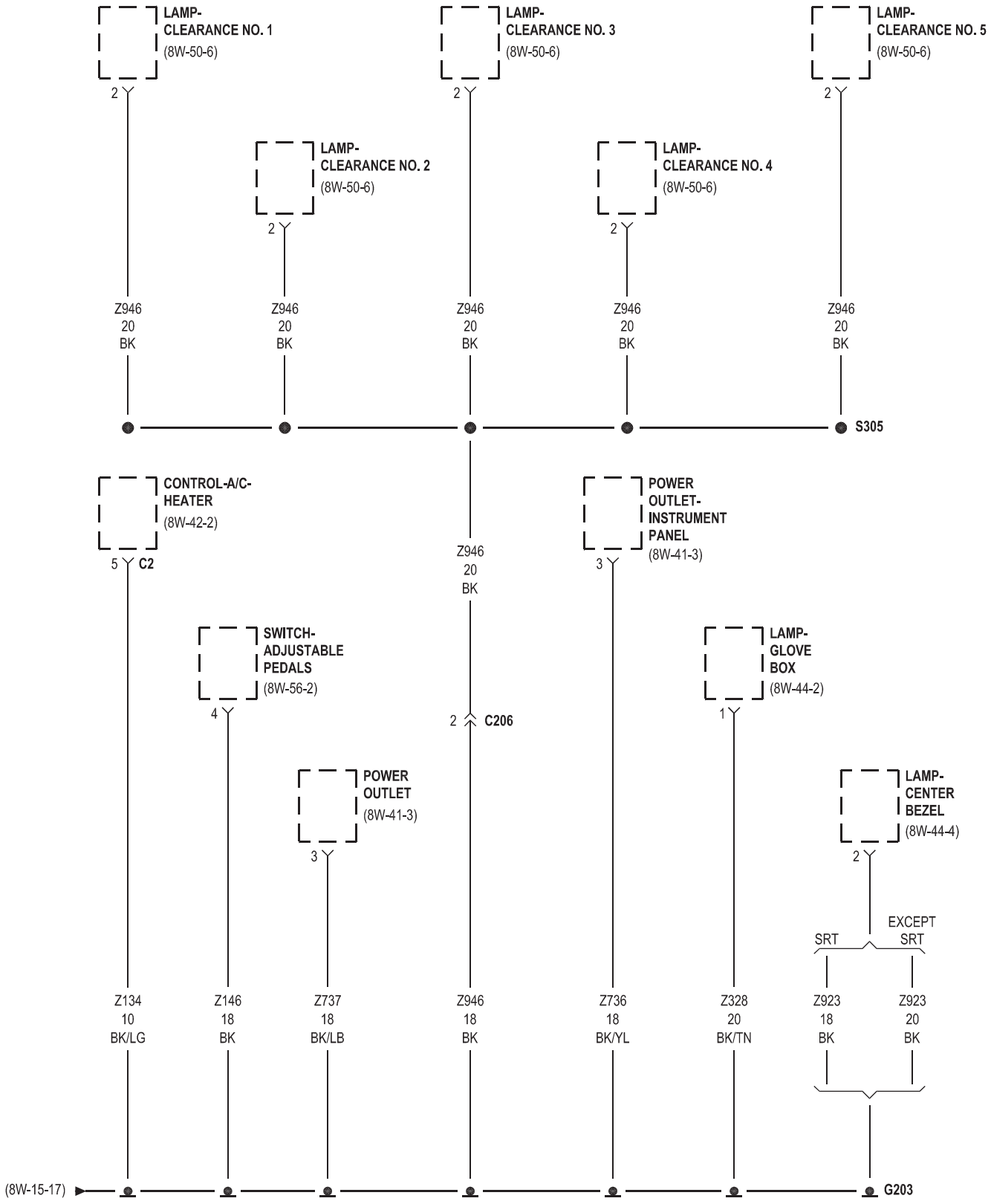

MODULE-
ENGINE
CONTROL
(8W-30-23)
21 C2
49 C2
50 C2
HEATER-
FUEL
(8W-30-24)
A
CLUTCH-A/C
COMPRESSOR
(8W-42-6)
2
GENERATOR
(8W-20-3)
1
Z902
16
BK
Z902
16
BK
Z902
16
BK
Z902
14
BK
Z816
18
BK
Z816
18
BK
S164
S176
Z902
10
BK
Z922
10
BK
Z816
12
BK
G114
G121
G120

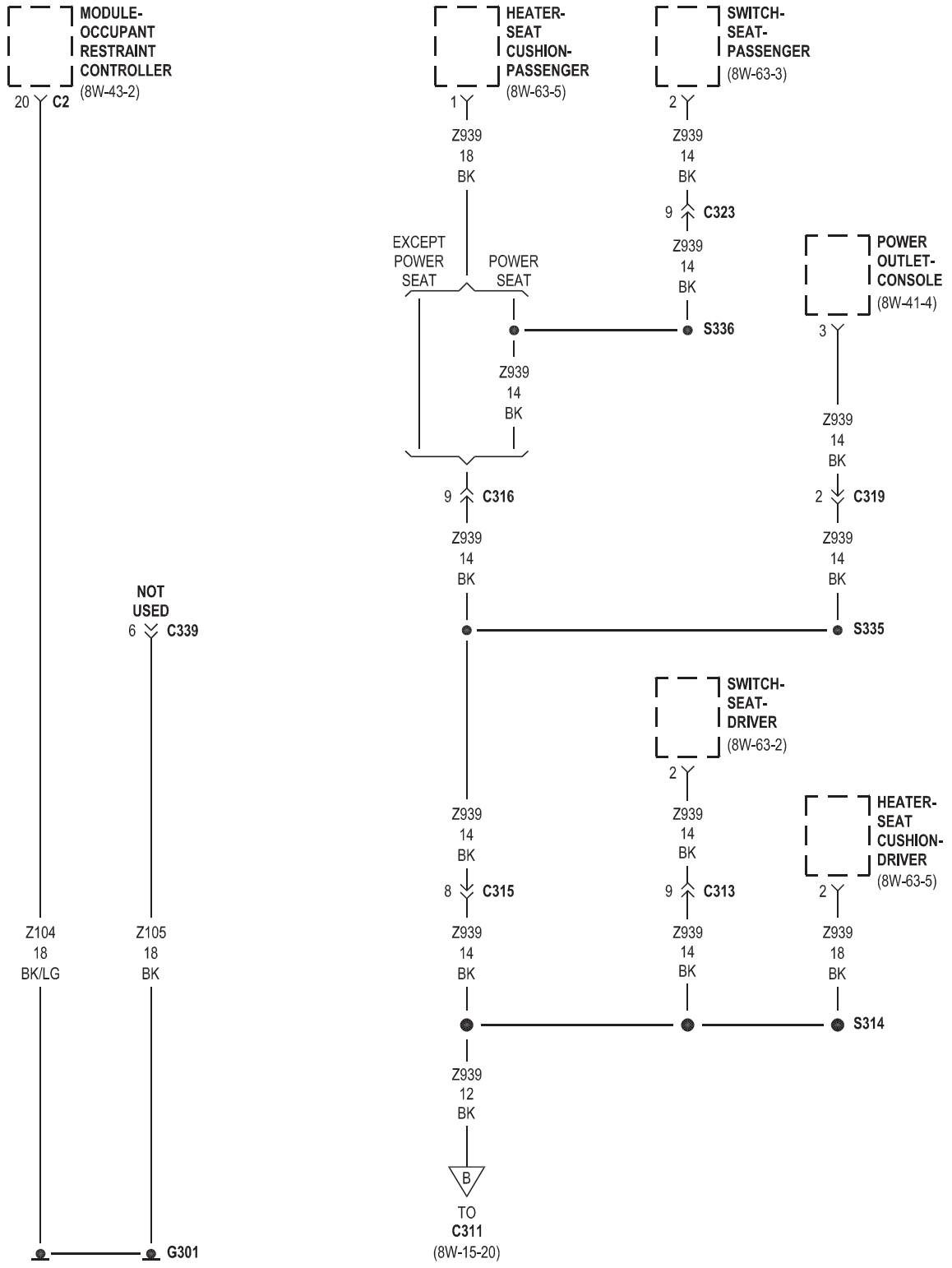

CONTROL-A/C-HEATER
(8W-42-3)
2 C1
SWITCH-STOP LAMP
(8W-33-2)
5
SWITCH-TOW/HAUL OVERDRIVE
(8W-31-2)
(8W-31-15)
2
GAUGE-ENGINE OIL TEMPERATURE (SRT)
(8W-40-10)
4
MODULE-ELECTRONIC OVERHEAD (EXCEPT BASE)
(8W-49-2)
5
MIRROR-INSIDE REARVIEW
(8W-55-3)
2 C1
Z13 20 BK/WT
Z944 20 BK
5
4
DATA LINK CONNECTOR
(8W-18-2)
2 C201
4 C206
Z24 20 BK/OR
Z429 20 BK/OR
Z71 20 LB/BK
Z1 20 BK
Z13 18 BK/WT
Z944 20 BK
Z111 18 BK/WT
Z11 18 BK/LG
(8W-15-15)
G201

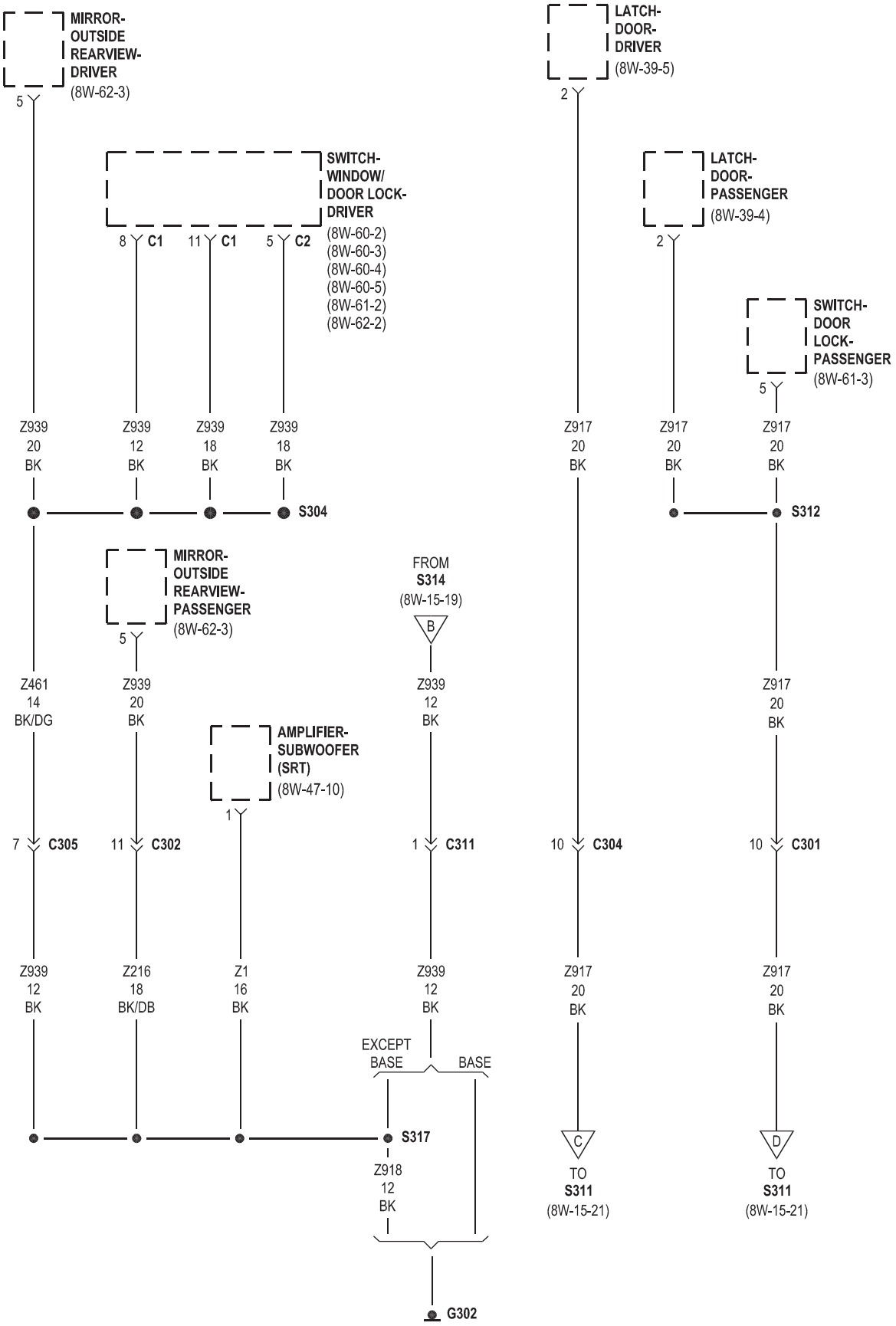

SWITCH-
REMOTE
RADIO-
LEFT
(8W-47-9)
2
G902
22
VT/BR
SWITCH-
REMOTE
RADIO-
RIGHT
(8W-47-9)
2
G902
22
VT/BR
1 C4
CLOCKSPRING
(8W-47-9)
1 C1
SWITCH-
HEATED
SEAT-
DRIVER
(8W-63-4)
1
SWITCH-
HEATED
SEAT-
PASSENGER
(8W-63-4)
1
MODULE-
SENTRY
KEY REMOTE
ENTRY
(8W-39-2)
4
SWITCH-
TRANSFER
CASE
SELECTOR
(ETC)
(8W-31-16)
4
CLUSTER
(8W-40-2)
14 C1
13 C1
13 C3
Z909
20
BK
Z301
20
TN/BK
Z302
20
LG/BK
Z109
20
BK/GY
Z905
20
BK
Z108
20
BK/LG
Z921
20
BK
Z18
20
BK/LB
(8W-15-14)
G201
SRT
PREMIUM

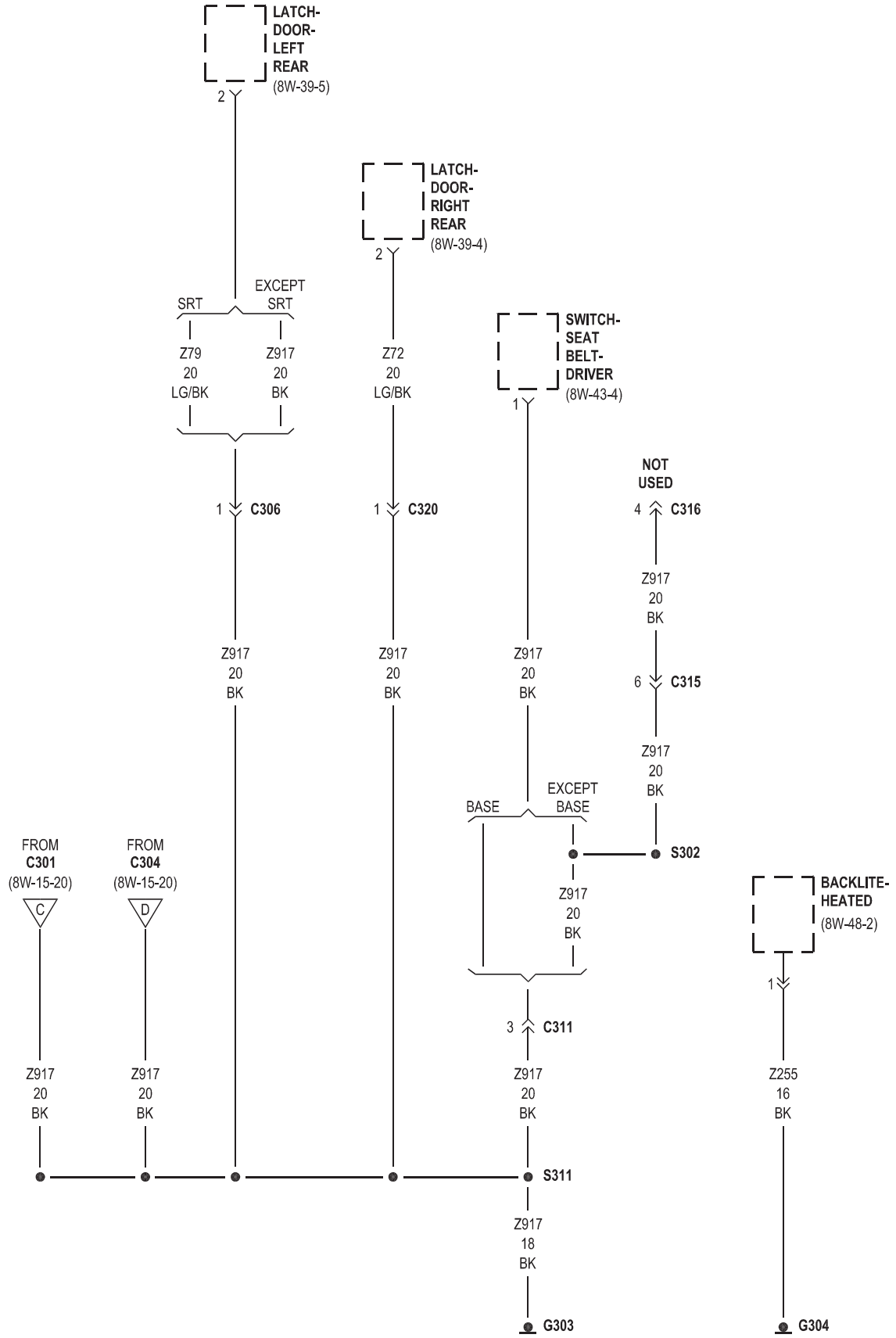

RECEIVER-
SATELLITE
(SLT+/SRT)
(8W-47-8)
4
RADIO
(8W-47-8)
22 C1
11 C1
AMPLIFIER-
RADIO
(PREMIUM)
(8W-47-5)
(8W-47-8)
20 C2
9 C2
MEDIA
SYSTEM-
MONITOR/DVD
(8W-47-7)
12
MODULE-
HANDS
FREE
(8W-55-2)
22 C1
Z960
18
BK
Z515
18
BK
Z514
18
BK/LG
Z513
18
BK
Z907
18
BK
Z957
18
BK
1 C221
Z957
18
BK
Z970
18
BK
G202


SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK
(8W-31-20)
2
LAMP-DOME-REAR
(8W-44-2)
2
LAMP-HIGH MOUNTED STOP/CARGO
(8W-51-7)
3
2
Z964 20 BK
Z964 20 BK
Z964 20 BK
S348
SWITCH-HEADLAMP
(8W-40-4)
5
MOTOR/MODULE-SUNROOF
(8W-64-2)
6
LAMP-VANITY-RIGHT (LIGHT PACKAGE)
(8W-44-2)
B
Z964 14 BK
CLUSTER
(8W-40-2)
13 C1
14 C1
5 C340
LAMP-VANITY-LEFT (LIGHT PACKAGE)
(8W-44-2)
B
LAMP-READING-FRONT
(8W-44-2)
B
Z964 14 BK
Z964 14 BK
Z964 20 BK
Z964 20 BK
Z964 20 BK
S310
SWITCH-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE)
(8W-60-6)
2
3
7
Z101 18 BK/VT
Z407 20 BK/OR
Z921 18 BK
Z108 20 BK/LG
Z964 14 BK
Z974 12 BK
Z975 12 BK
Z976 20 BK
4 C201
Z964 14 BK
(8W-15-18)
G203


LAMP-
CLEARANCE NO. 1
(8W-50-6)
2
LAMP-
CLEARANCE NO. 2
(8W-50-6)
2
LAMP-
CLEARANCE NO. 3
(8W-50-6)
2
LAMP-
CLEARANCE NO. 4
(8W-50-6)
2
LAMP-
CLEARANCE NO. 5
(8W-50-6)
2
Z946
20
BK
Z946
20
BK
Z946
20
BK
Z946
20
BK
Z946
20
BK
S305
CONTROL-A/C-
HEATER
(8W-42-2)
5 C2
Z946
20
BK
2 C206
POWER
OUTLET-
INSTRUMENT
PANEL
(8W-41-3)
3
SWITCH-
ADJUSTABLE
PEDALS
(8W-56-2)
4
POWER
OUTLET
(8W-41-3)
3
LAMP-
GLOVE
BOX
(8W-44-2)
1
LAMP-
CENTER
BEZEL
(8W-44-4)
2
EXCEPT
SRT
SRT
Z134
10
BK/LG
Z146
18
BK
Z737
18
BK/LB
Z946
18
BK
Z736
18
BK/YL
Z328
20
BK/TN
Z923
18
BK
Z923
20
BK
(8W-15-17)
G203

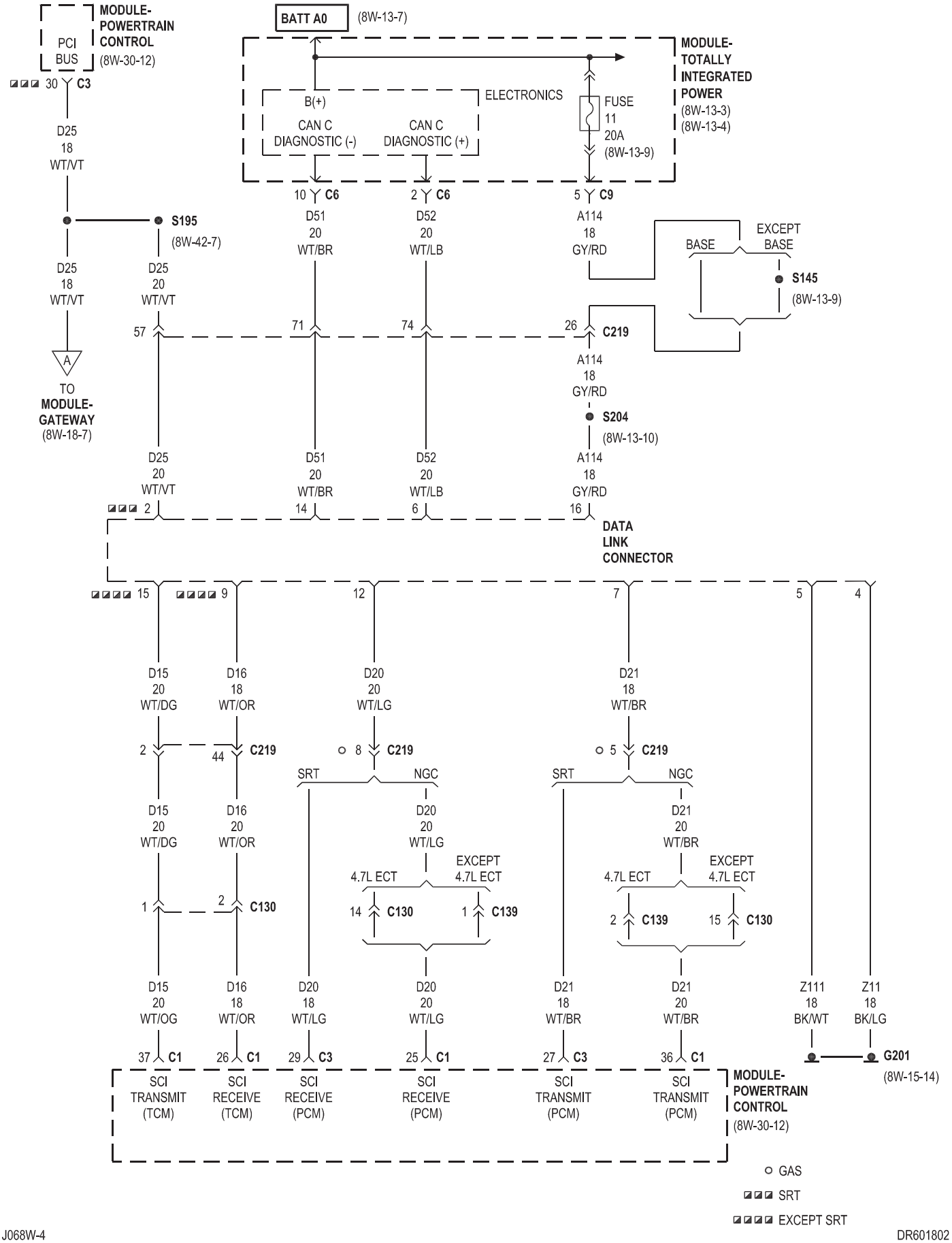

MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
(8W-43-2)
20 C2
HEATER-
SEAT
CUSHION-
PASSENGER
(8W-63-5)
1
SWITCH-
SEAT-
PASSENGER
(8W-63-3)
2
Z939
18
BK
Z939
14
BK
9 C323
EXCEPT
POWER
SEAT
POWER
SEAT
S336
POWER
OUTLET-
CONSOLE
(8W-41-4)
3
9 C316
2 C319
NOT
USED
6 C339
S335
SWITCH-
SEAT-
DRIVER
(8W-63-2)
HEATER-
SEAT
CUSHION-
DRIVER
(8W-63-5)
8 C315
9 C313
Z104
18
BK/LG
Z105
18
BK
S314
Z939
12
BK
B
TO
C311
(8W-15-20)
G301

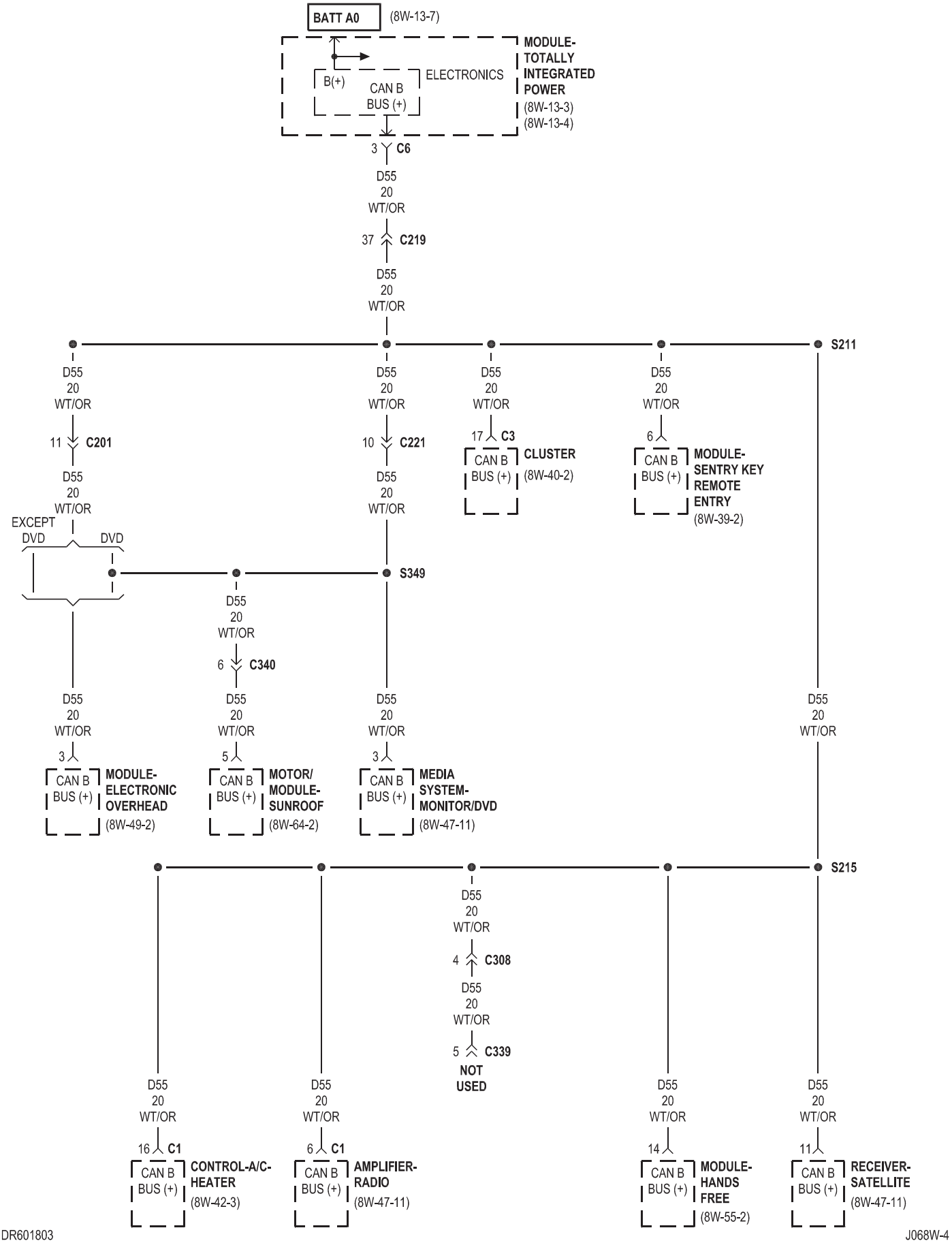

MIRROR-
OUTSIDE
REARVIEW-
DRIVER
(8W-62-3)
5
SWITCH-
WINDOW/
DOOR LOCK-
DRIVER
(8W-60-2)
(8W-60-3)
(8W-60-4)
(8W-60-5)
(8W-61-2)
(8W-62-2)
8 C1
11 C1
5 C2
LATCH-
DOOR-
DRIVER
(8W-39-5)
2
LATCH-
DOOR-
PASSENGER
(8W-39-4)
2
SWITCH-
DOOR
LOCK-
PASSENGER
(8W-61-3)
5
Z939
20
BK
Z939
12
BK
Z939
18
BK
Z939
18
BK
Z917
20
BK
Z917
20
BK
Z917
20
BK
S304
S312
MIRROR-
OUTSIDE
REARVIEW-
PASSENGER
(8W-62-3)
5
FROM
S314
(8W-15-19)
B
Z461
14
BK/DG
Z939
20
BK
Z939
12
BK
Z917
20
BK
AMPLIFIER-
SUBWOOFER
(SRT)
(8W-47-10)
1
7 C305
11 C302
1 C311
10 C304
10 C301
Z939
12
BK
Z216
18
BK/DB
Z1
16
BK
Z939
12
BK
Z917
20
BK
Z917
20
BK
EXCEPT
BASE
BASE
S317
Z918
12
BK
C
TO
S311
(8W-15-21)
D
TO
S311
(8W-15-21)
G302


LATCH-
DOOR-
LEFT
REAR
(8W-39-5)
2
LATCH-
DOOR-
RIGHT
REAR
(8W-39-4)
2
SRT
EXCEPT
SRT
Z79
20
LG/BK
Z917
20
BK
Z72
20
LG/BK
SWITCH-
SEAT
BELT-
DRIVER
(8W-43-4)
1
NOT
USED
1
C306
1
C320
4
C316
Z917
20
BK
Z917
20
BK
Z917
20
BK
Z917
20
BK
6
C315
Z917
20
BK
BASE
EXCEPT
BASE
S302
Z917
20
BK
FROM
C301
(8W-15-20)
C
FROM
C304
(8W-15-20)
D
BACKLITE-
HEATED
(8W-48-2)
1
3
C311
Z917
20
BK
Z917
20
BK
Z917
20
BK
Z255
16
BK
S311
Z917
18
BK
G303
G304

# 8W-18 BUS COMMUNICATIONS

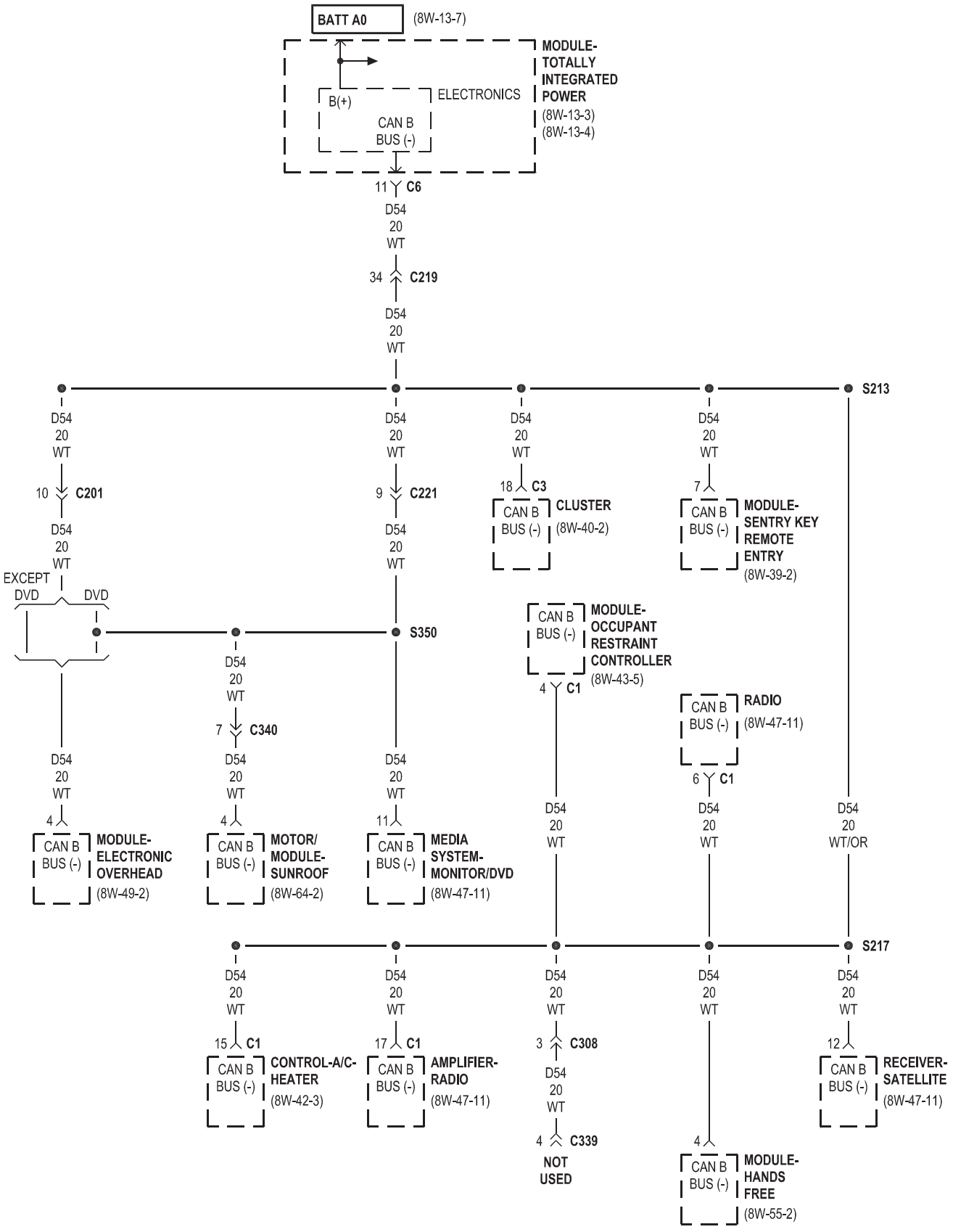

| Component | Page |
|---|---|
| Cluster | 8W-18-3, 4 |
| Control-A/C-Heater | 8W-18-3, 4 |
| Data Link Connector | 8W-18-2 |
| Electronics | 8W-18-2, 3, 4, 5, 6, 7 |
| Fuse 11 | 8W-18-2 |
| Fuse 29 | 8W-18-7 |
| G104 | 8W-18-7 |
| G201 | 8W-18-2 |
| Media System-Monitor/Dvd | 8W-18-3, 4 |
| Module-Anti-Lock Brakes | 8W-18-5, 6 |
| Module-Electronic Overhead | 8W-18-3, 4 |
| Module-Engine Control | 8W-18-5, 6 |
| Module-Final Drive Control | 8W-18-5, 6 |
| Module-Gateway | 8W-18-2, 5, 6, 7 |
| 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 |
| Module-Totally Integrated Power | 8W-18-2, 3, 4, 5, 6, 7 |
| Motor/Module-Sunroof | 8W-18-3, 4 |
| Radio | 8W-18-4 |
| Receiver-Satellite | 8W-18-3, 4 |

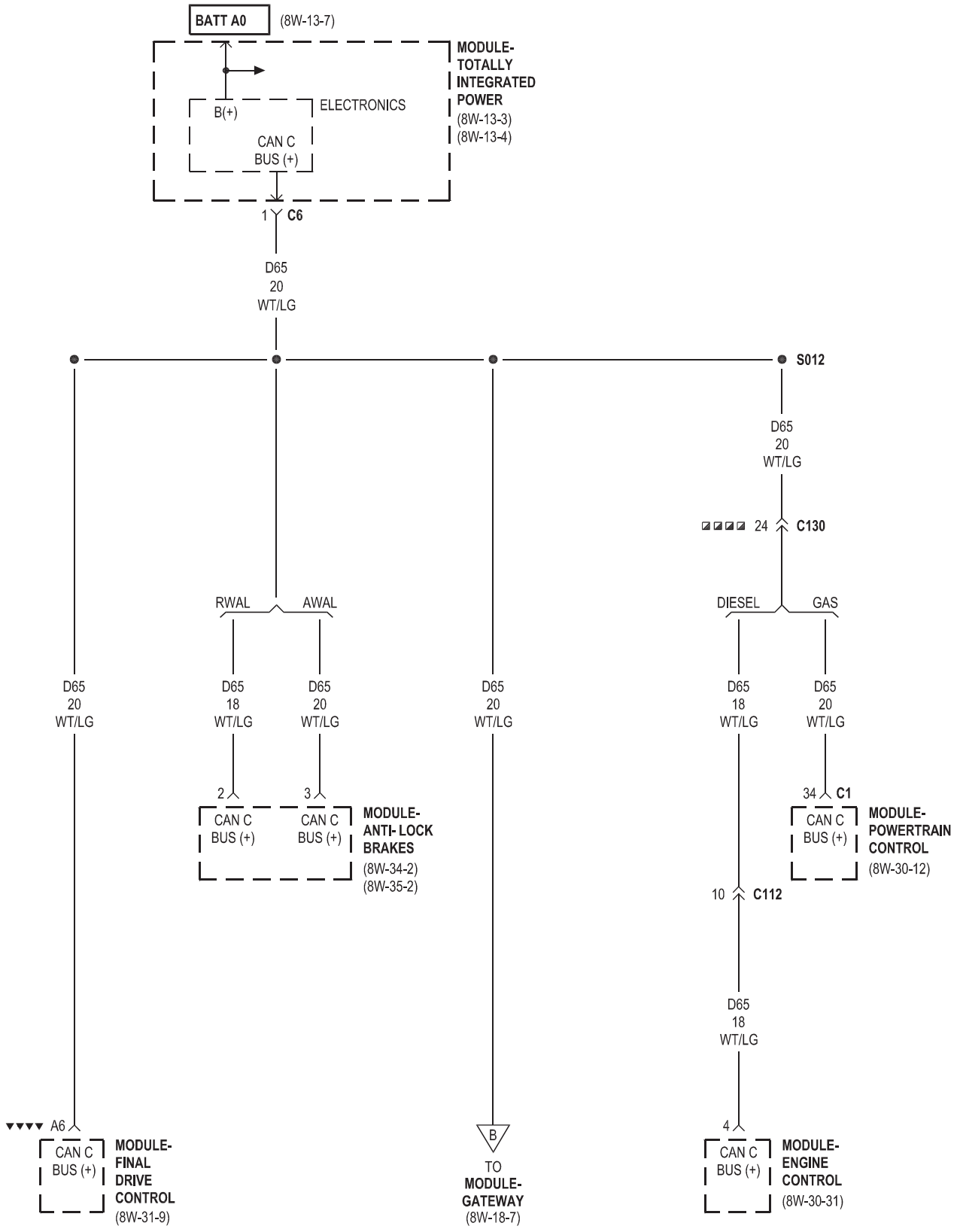

MODULE-
POWERTRAIN
CONTROL
(8W-30-12)
PCI
BUS
30 C3
D25
18
WT/VT
BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
CAN C
DIAGNOSTIC (-)
CAN C
DIAGNOSTIC (+)
FUSE
11
20A
(8W-13-9)
10 C6
2 C6
5 C9
D51
20
WT/BR
D52
20
WT/LB
A114
18
GY/RD
S195
(8W-42-7)
D25
18
WT/VT
D25
20
WT/VT
57
71
74
26 C219
BASE
EXCEPT
BASE
S145
(8W-13-9)
A
TO
MODULE-
GATEWAY
(8W-18-7)
A114
18
GY/RD
S204
(8W-13-10)
D25
20
WT/VT
D51
20
WT/BR
D52
20
WT/LB
A114
18
GY/RD
2
14
6
16
DATA
LINK
CONNECTOR
15
9
12
7
5
4
D15
20
WT/DG
D16
18
WT/OR
D20
20
WT/LG
D21
18
WT/BR
2
44 C219
8 C219
5 C219
SRT
NGC
SRT
NGC
D15
20
WT/DG
D16
20
WT/OR
D20
20
WT/LG
D21
20
WT/BR
4.7L ECT
EXCEPT
4.7L ECT
4.7L ECT
EXCEPT
4.7L ECT
1
2 C130
14 C130
1 C139
2 C139
15 C130
D15
20
WT/OG
D16
18
WT/OR
D20
18
WT/LG
D20
20
WT/LG
D21
18
WT/BR
D21
20
WT/BR
Z111
18
BK/WT
Z11
18
BK/LG
37 C1
26 C1
29 C3
25 C1
27 C3
36 C1
G201
(8W-15-14)
SCI
TRANSMIT
(TCM)
SCI
RECEIVE
(TCM)
SCI
RECEIVE
(PCM)
SCI
RECEIVE
(PCM)
SCI
TRANSMIT
(PCM)
SCI
TRANSMIT
(PCM)
MODULE-
POWERTRAIN
CONTROL
(8W-30-12)
GAS
SRT
EXCEPT SRT

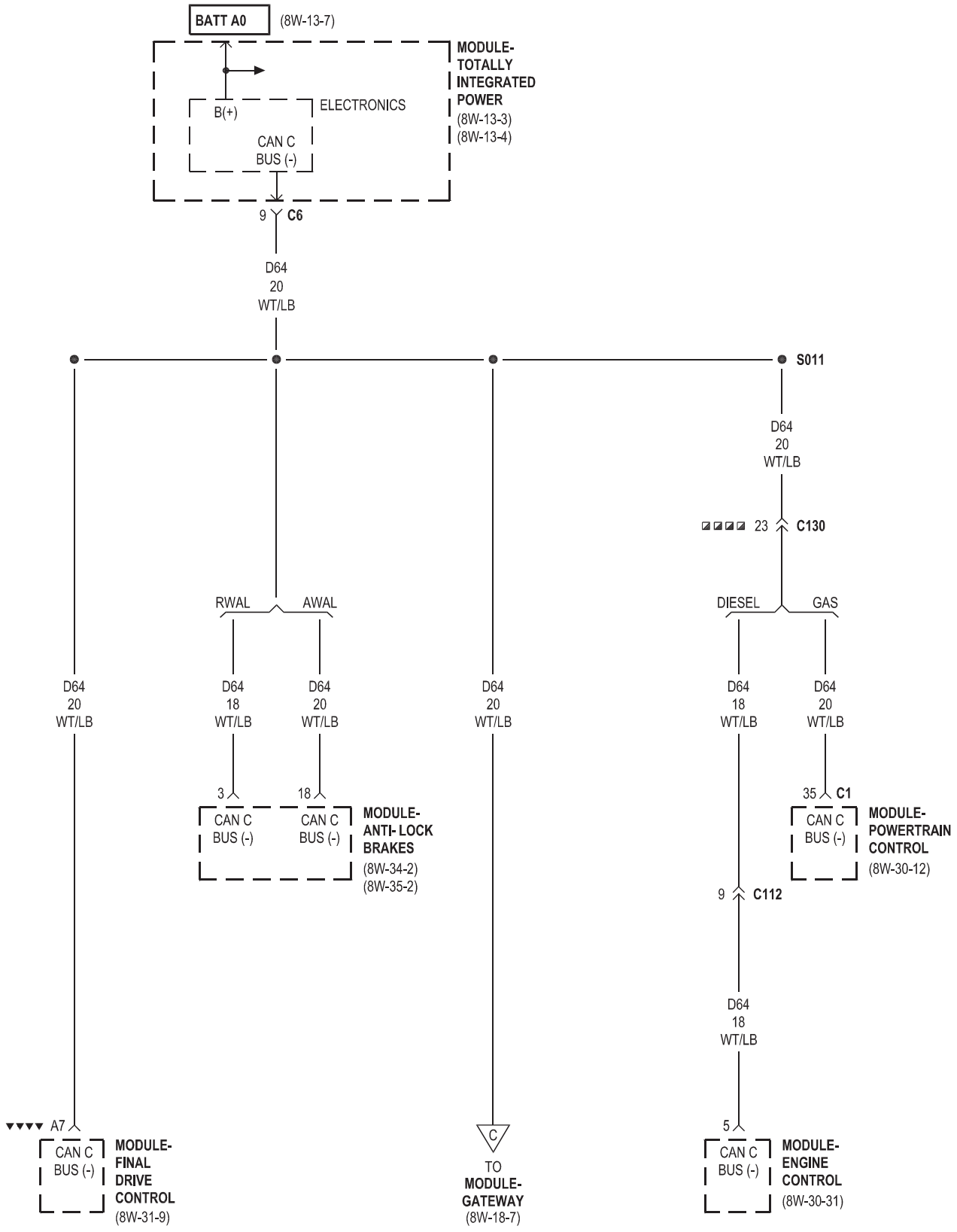



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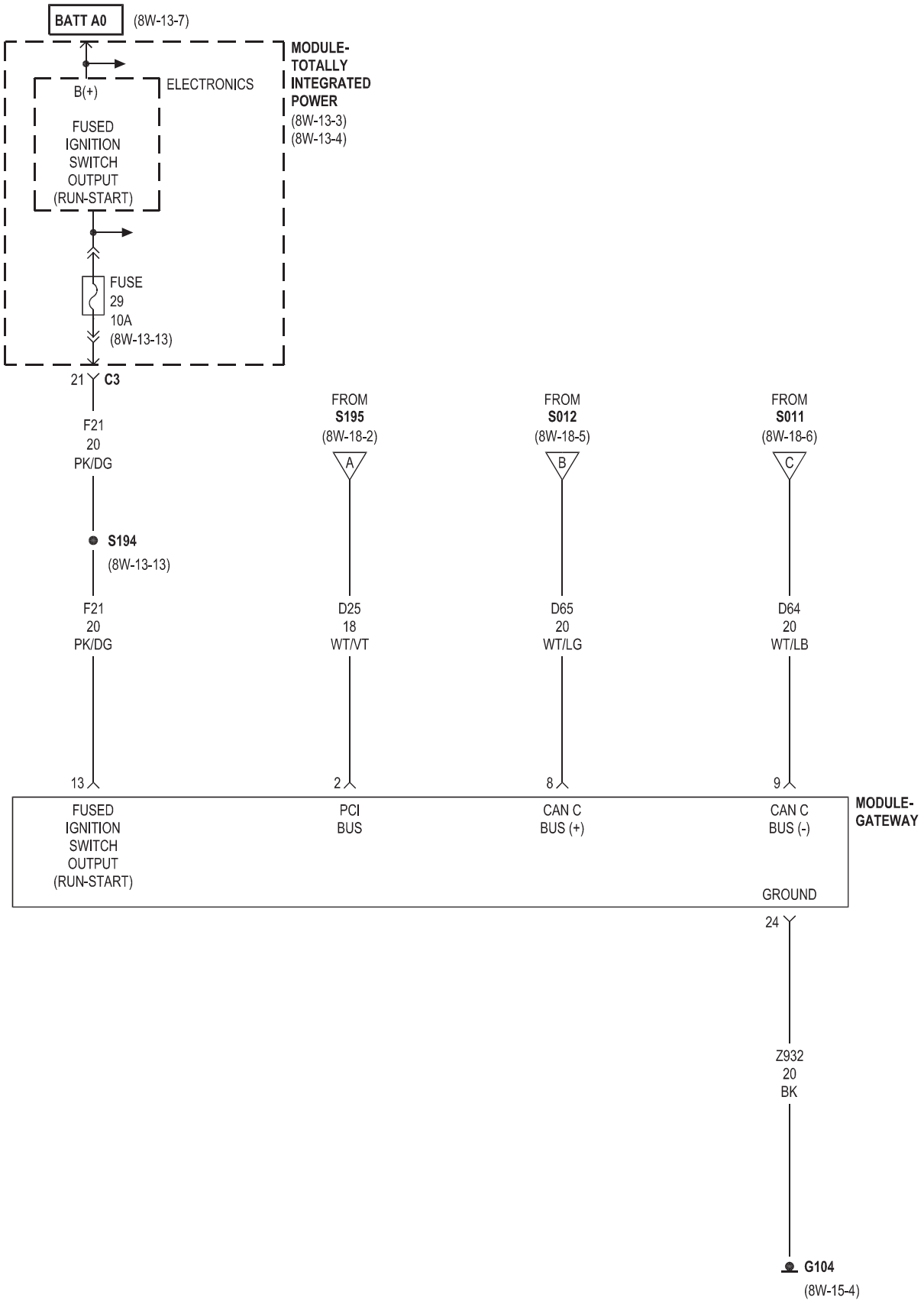
J068W-4


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
CAN B
BUS (-)
11 C6
D54
20
WT
34 C219
S213
10 C201
9 C221
18 C3
7
EXCEPT
DVD
DVD
S350
CLUSTER
(8W-40-2)
MODULE-
SENTRY KEY
REMOTE
ENTRY
(8W-39-2)
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
(8W-43-5)
4 C1
RADIO
(8W-47-11)
6 C1
7 C340
4
11
MODULE-
ELECTRONIC
OVERHEAD
(8W-49-2)
MOTOR/
MODULE-
SUNROOF
(8W-64-2)
MEDIA
SYSTEM-
MONITOR/DVD
(8W-47-11)
WT/OR
S217
15 C1
17 C1
3 C308
12
CONTROL-A/C-
HEATER
(8W-42-3)
AMPLIFIER-
RADIO
(8W-47-11)
4 C339
NOT
USED
RECEIVER-
SATELLITE
(8W-47-11)
MODULE-
HANDS
FREE
(8W-55-2)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
CAN C
BUS (+)
1 C6
D65
20
WT/LG
S012
D65
20
WT/LG
24 C130
RWAL
AWAL
DIESEL
GAS
D65
20
WT/LG
D65
18
WT/LG
D65
20
WT/LG
D65
20
WT/LG
D65
18
WT/LG
D65
20
WT/LG
2
3
34 C1
CAN C
BUS (+)
CAN C
BUS (+)
CAN C
BUS (+)
MODULE-
ANTI- LOCK
BRAKES
(8W-34-2)
(8W-35-2)
MODULE-
POWERTRAIN
CONTROL
(8W-30-12)
10 C112
D65
18
WT/LG
A6
4
CAN C
BUS (+)
CAN C
BUS (+)
MODULE-
FINAL
DRIVE
CONTROL
(8W-31-9)
B
TO
MODULE-
GATEWAY
(8W-18-7)
MODULE-
ENGINE
CONTROL
(8W-30-31)
POWER WAGON
EXCEPT SRT

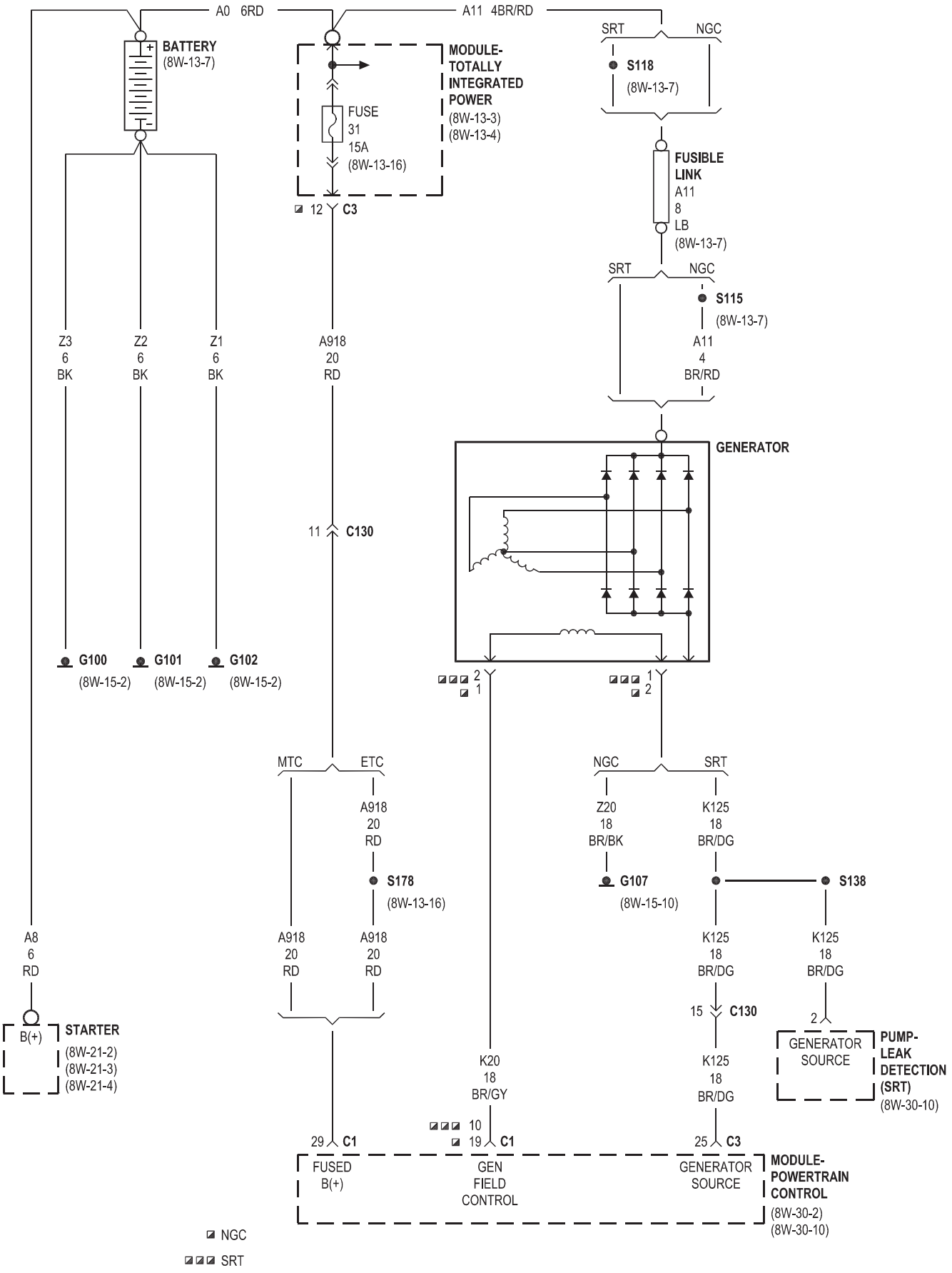


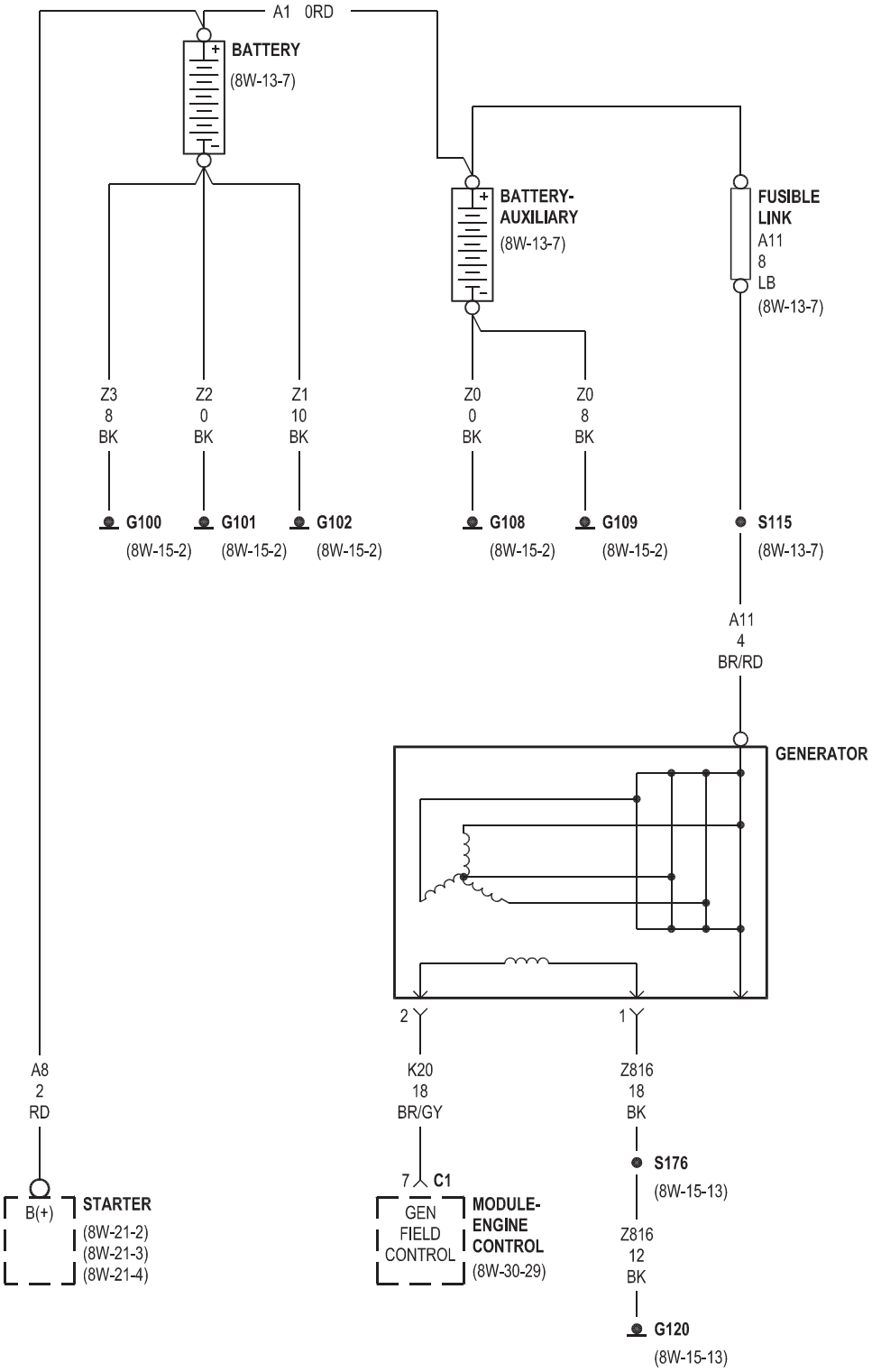

▼▼▼▼ POWER WAGON
◪◪◪◪ EXCEPT SRT


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSE
29
10A
(8W-13-13)
21
C3
F21
20
PK/DG
S194
(8W-13-13)
F21
20
PK/DG
13
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FROM
S195
(8W-18-2)
A
D25
18
WT/VT
2
PCI
BUS
FROM
S012
(8W-18-5)
B
D65
20
WT/LG
8
CAN C
BUS (+)
FROM
S011
(8W-18-6)
C
D64
20
WT/LB
9
CAN C
BUS (-)
MODULE-
GATEWAY
GROUND
24
Z932
20
BK
G104
(8W-15-4)

# 8W-20 CHARGING SYSTEM

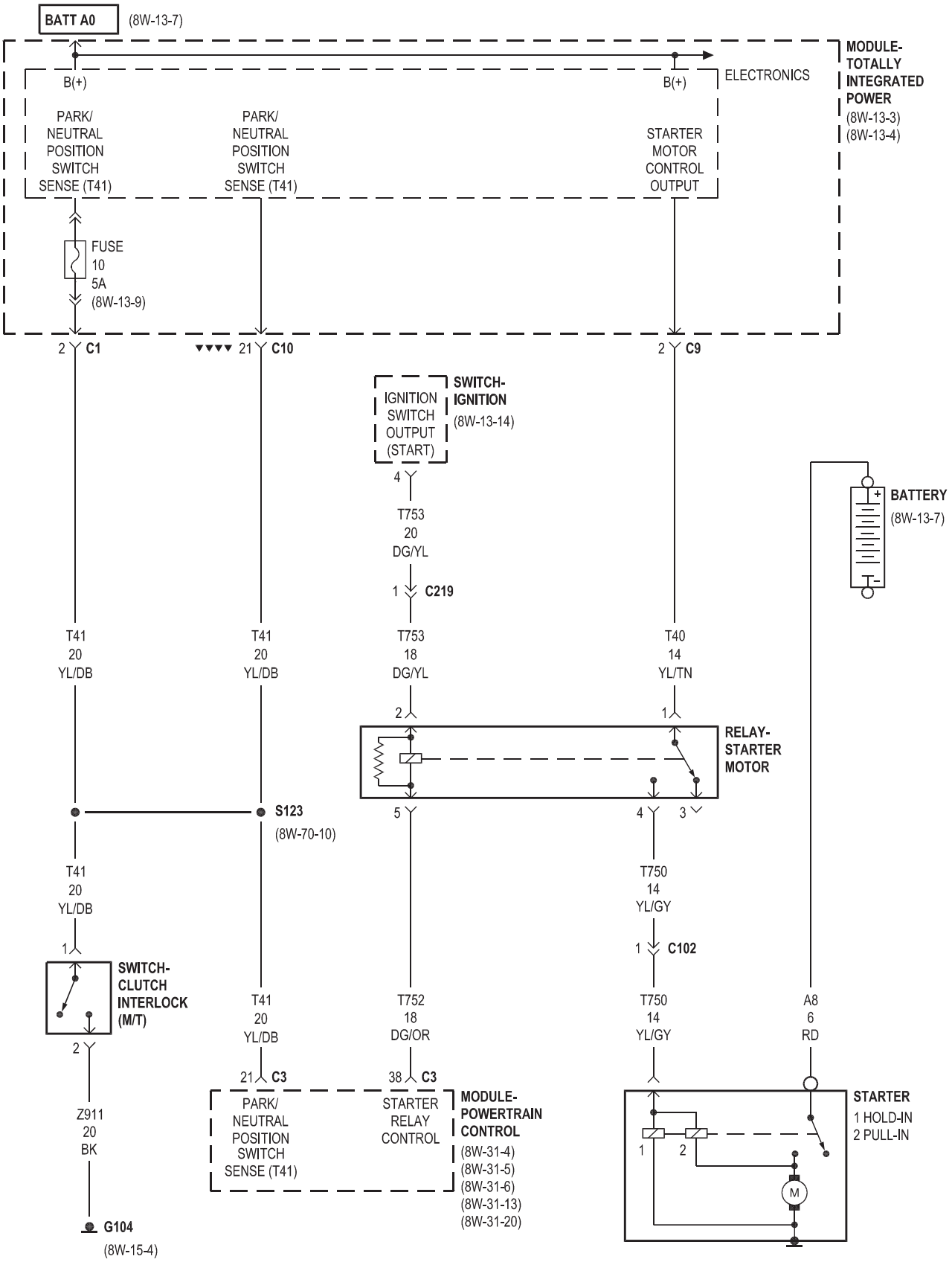

| Component | Page |
|---|---|
| Battery-Auxiliary | 8W-20-3 |
| Fuse 31 | 8W-20-2 |
| Fusible Link | 8W-20-2, 3 |
| G100 | 8W-20-2, 3 |
| G101 | 8W-20-2, 3 |
| G102 | 8W-20-2, 3 |
| G107 | 8W-20-2 |
| G108 | 8W-20-3 |
| G109 | 8W-20-3 |
| G120 | 8W-20-3 |
| Generator | 8W-20-2, 3 |
| Module-Engine Control | 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 |


A0 6RD
A11 4BR/RD
BATTERY
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
31
15A
(8W-13-16)
12 C3
SRT
NGC
S118
(8W-13-7)
FUSIBLE
LINK
A11
8
LB
(8W-13-7)
SRT
NGC
S115
(8W-13-7)
A11
4
BR/RD
Z3
6
BK
Z2
6
BK
Z1
6
BK
A918
20
RD
GENERATOR
11 C130
G100
(8W-15-2)
G101
(8W-15-2)
G102
(8W-15-2)
2
1
1
2
MTC
ETC
A918
20
RD
S178
(8W-13-16)
NGC
SRT
Z20
18
BR/BK
K125
18
BR/DG
G107
(8W-15-10)
S138
A8
6
RD
A918
20
RD
A918
20
RD
K125
18
BR/DG
K125
18
BR/DG
15 C130
2
B(+)
STARTER
(8W-21-2)
(8W-21-3)
(8W-21-4)
GENERATOR
SOURCE
PUMP-
LEAK
DETECTION
(SRT)
(8W-30-10)
K20
18
BR/GY
K125
18
BR/DG
10
19 C1
29 C1
25 C3
FUSED
B(+)
GEN
FIELD
CONTROL
GENERATOR
SOURCE
MODULE-
POWERTRAIN
CONTROL
(8W-30-2)
(8W-30-10)
NGC
SRT

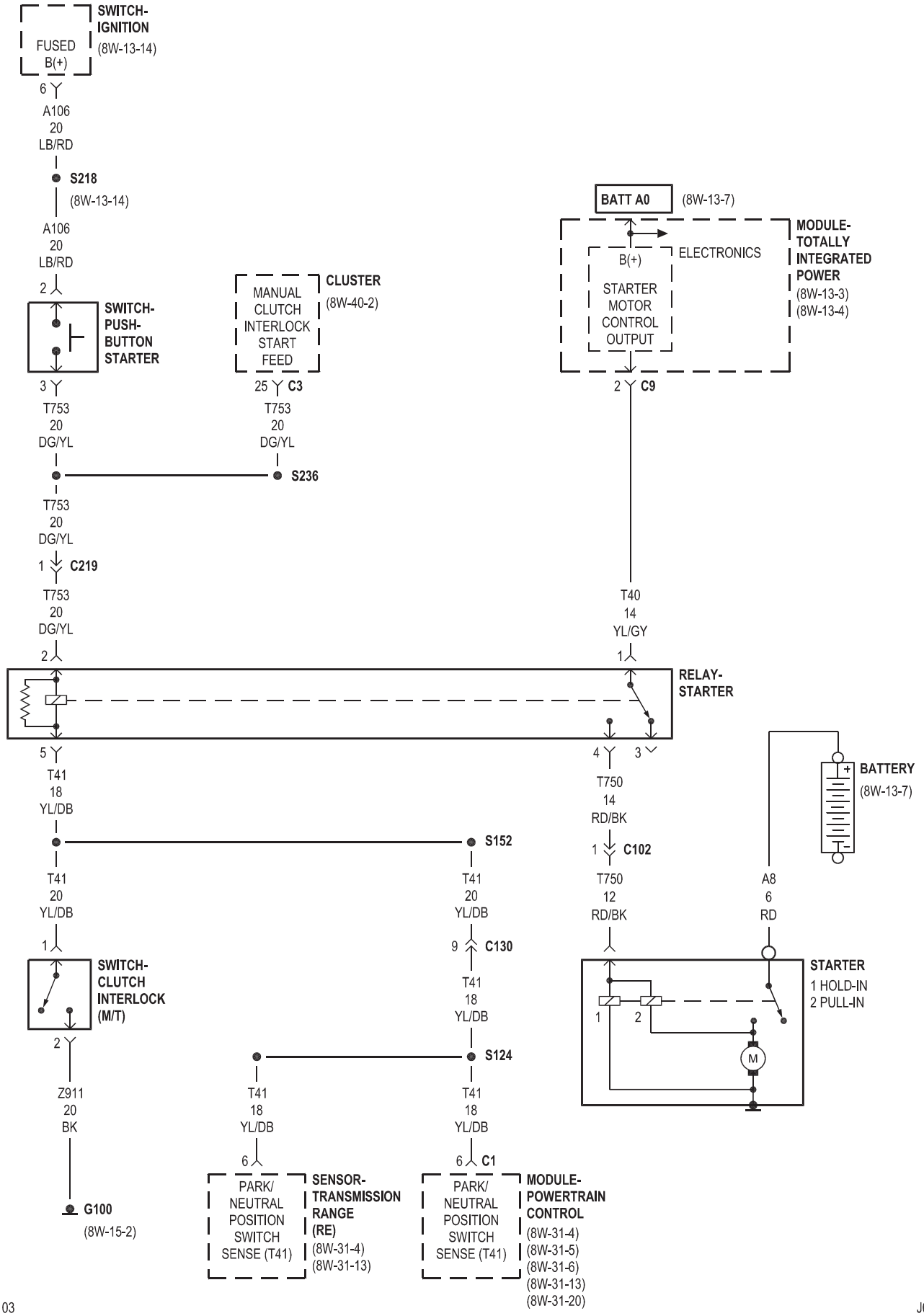

A1 0RD
BATTERY
(8W-13-7)
BATTERY-
AUXILIARY
(8W-13-7)
FUSIBLE
LINK
A11
8
LB
(8W-13-7)
Z3
8
BK
Z2
0
BK
Z1
10
BK
Z0
0
BK
Z0
8
BK
G100
(8W-15-2)
G101
(8W-15-2)
G102
(8W-15-2)
G108
(8W-15-2)
G109
(8W-15-2)
S115
(8W-13-7)
A11
4
BR/RD
GENERATOR
2
1
A8
2
RD
K20
18
BR/GY
Z816
18
BK
S176
(8W-15-13)
7 C1
B(+)
STARTER
(8W-21-2)
(8W-21-3)
(8W-21-4)
GEN
FIELD
CONTROL
MODULE-
ENGINE
CONTROL
(8W-30-29)
Z816
12
BK
G120
(8W-15-13)

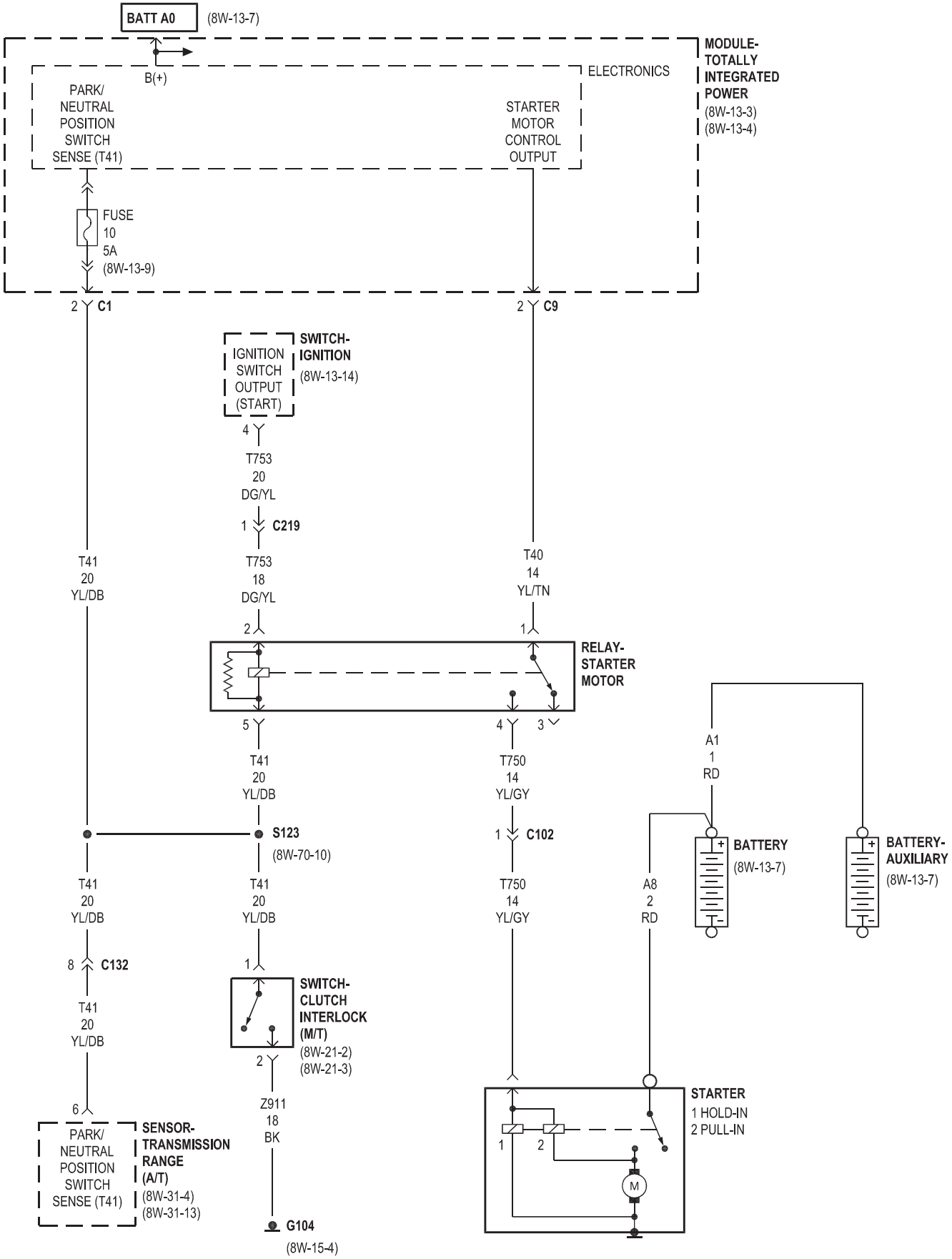
# 8W-21 STARTING SYSTEM


| 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 |


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
B(+)
ELECTRONICS
PARK/
NEUTRAL
POSITION
SWITCH
SENSE (T41)
PARK/
NEUTRAL
POSITION
SWITCH
SENSE (T41)
STARTER
MOTOR
CONTROL
OUTPUT
FUSE
10
5A
(8W-13-9)
2 C1
21 C10
2 C9
IGNITION
SWITCH
OUTPUT
(START)
SWITCH-
IGNITION
(8W-13-14)
4
T753
20
DG/YL
1 C219
BATTERY
(8W-13-7)
T41
20
YL/DB
T41
20
YL/DB
T753
18
DG/YL
T40
14
YL/TN
2
1
RELAY-
STARTER
MOTOR
5
4
3
S123
(8W-70-10)
T41
20
YL/DB
1
T750
14
YL/GY
1 C102
SWITCH-
CLUTCH
INTERLOCK
(M/T)
2
T41
20
YL/DB
T752
18
DG/OR
T750
14
YL/GY
A8
6
RD
21 C3
38 C3
PARK/
NEUTRAL
POSITION
SWITCH
SENSE (T41)
STARTER
RELAY
CONTROL
MODULE-
POWERTRAIN
CONTROL
(8W-31-4)
(8W-31-5)
(8W-31-6)
(8W-31-13)
(8W-31-20)
STARTER
1 HOLD-IN
2 PULL-IN
1
2
M
Z911
20
BK
G104
(8W-15-4)

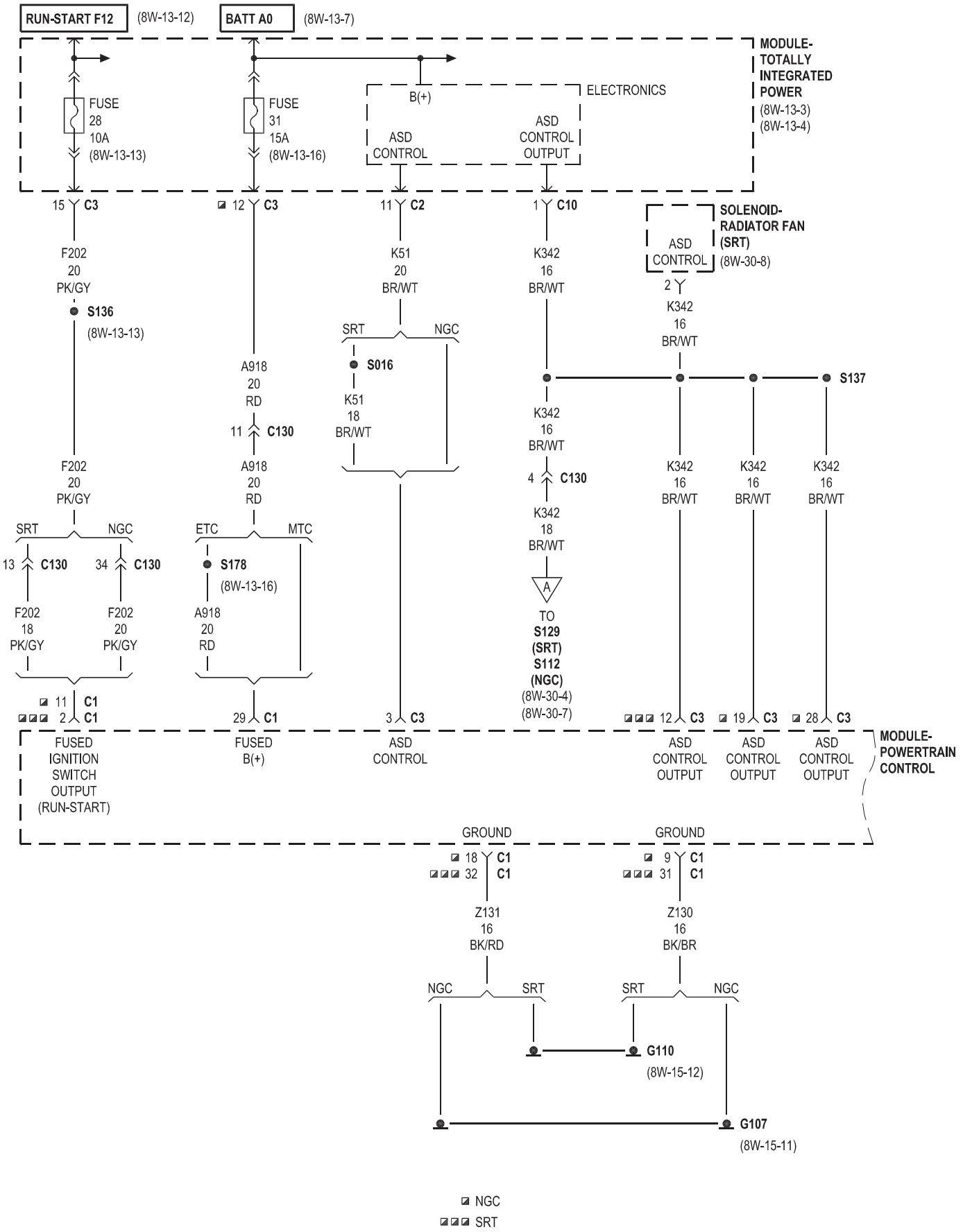
▼▼▼▼ POWER WAGON

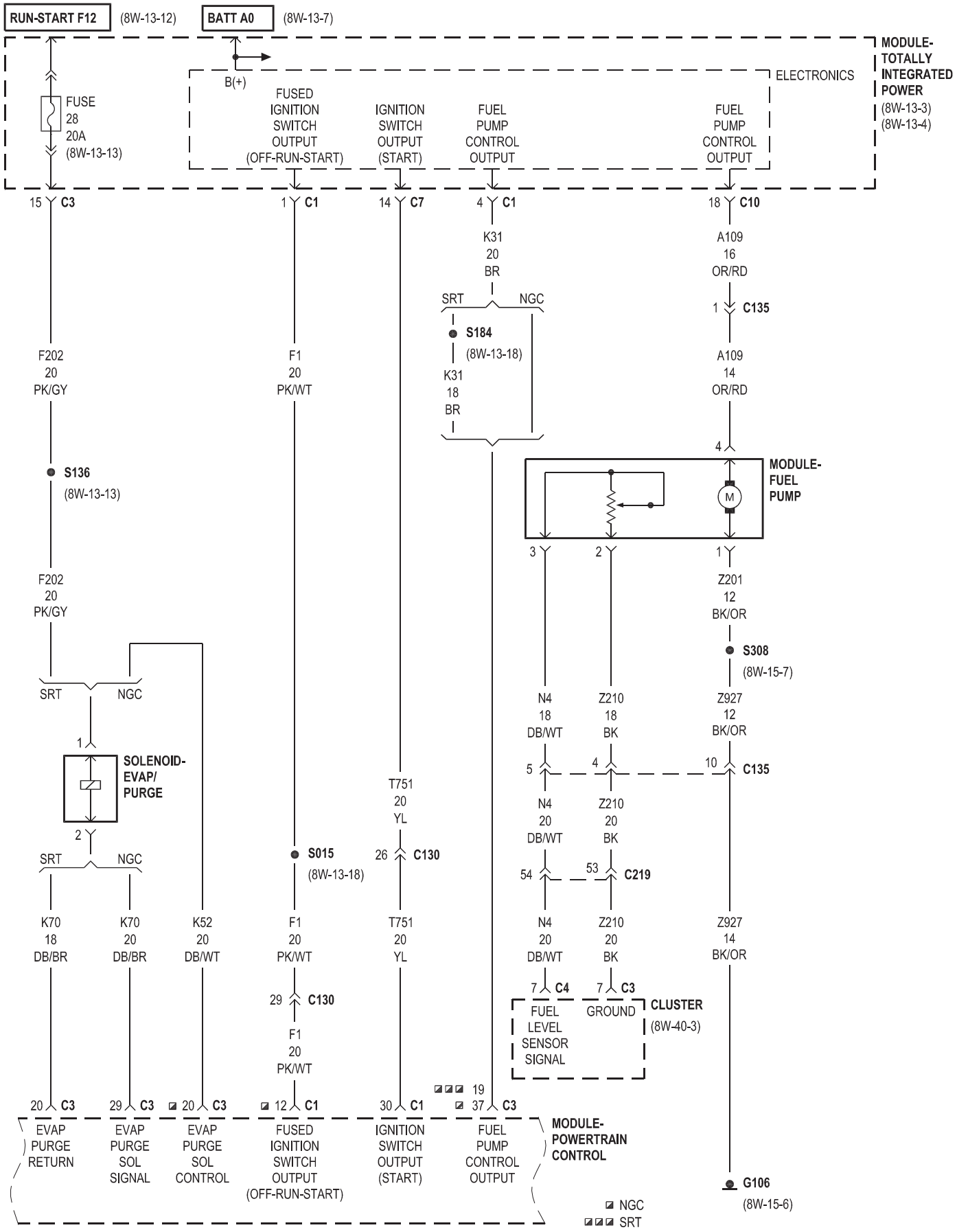

SWITCH-IGNITION
FUSED B(+)
(8W-13-14)
6
A106
20
LB/RD
S218
(8W-13-14)
A106
20
LB/RD
2
SWITCH-PUSH-BUTTON STARTER
3
T753
20
DG/YL
CLUSTER
(8W-40-2)
MANUAL CLUTCH INTERLOCK START FEED
25 C3
T753
20
DG/YL
S236
T753
20
DG/YL
1 C219
T753
20
DG/YL
2
BATT A0
(8W-13-7)
B(+)
ELECTRONICS
STARTER MOTOR CONTROL OUTPUT
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
2 C9
T40
14
YL/GY
1
RELAY-STARTER
5
T41
18
YL/DB
4
3
T750
14
RD/BK
1 C102
BATTERY
(8W-13-7)
S152
T41
20
YL/DB
1
SWITCH-CLUTCH INTERLOCK (M/T)
2
Z911
20
BK
G100
(8W-15-2)
T41
20
YL/DB
9 C130
T41
18
YL/DB
S124
T41
18
YL/DB
6
PARK/NEUTRAL POSITION SWITCH SENSE (T41)
SENSOR-TRANSMISSION RANGE (RE)
(8W-31-4)
(8W-31-13)
T41
18
YL/DB
6 C1
PARK/NEUTRAL POSITION SWITCH SENSE (T41)
MODULE-POWERTRAIN CONTROL
(8W-31-4)
(8W-31-5)
(8W-31-6)
(8W-31-13)
(8W-31-20)
T750
12
RD/BK
A8
6
RD
STARTER
1 HOLD-IN
2 PULL-IN
1
2
M

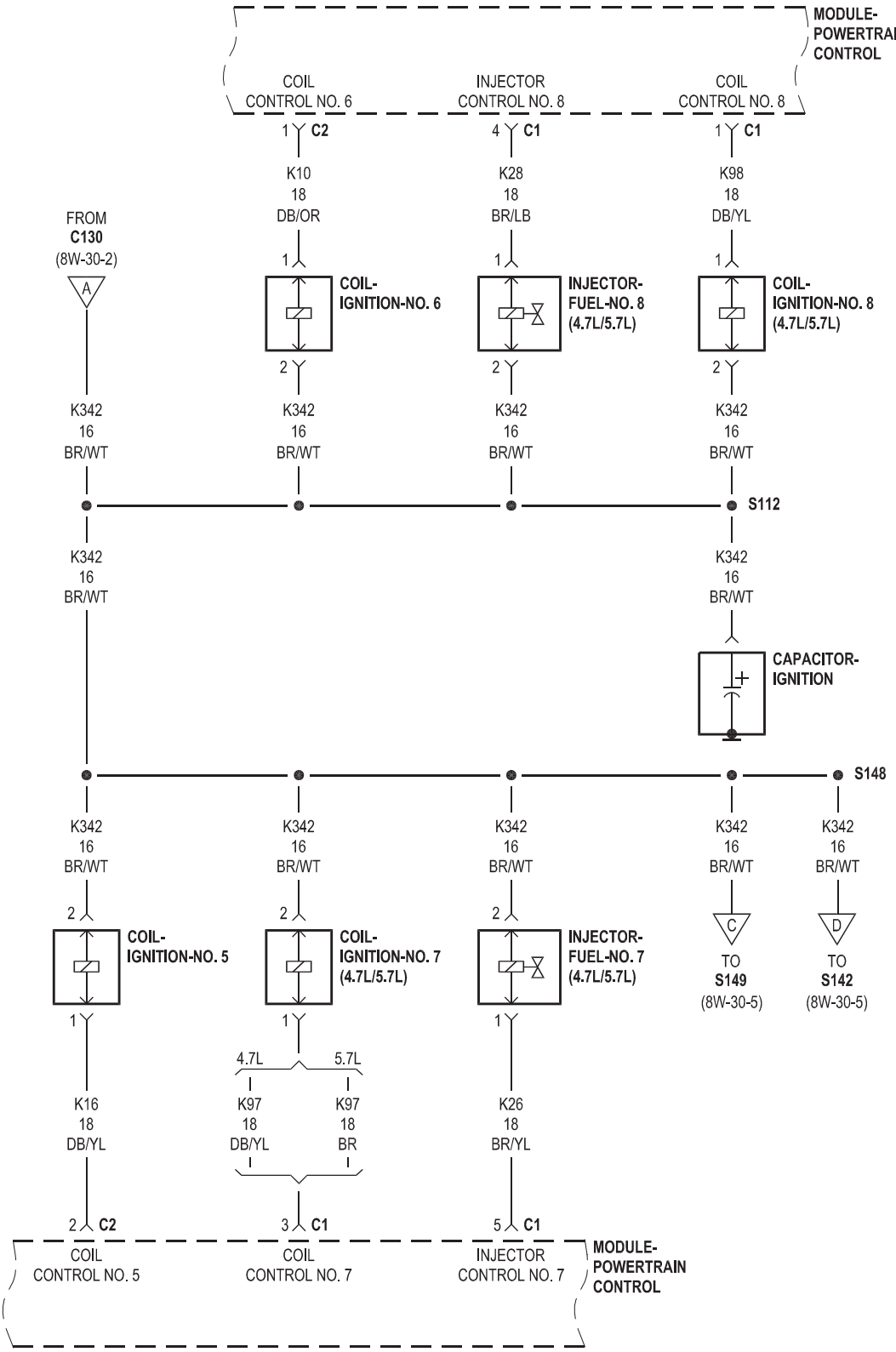

BATT A0
(8W-13-7)
B(+)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
PARK/
NEUTRAL
POSITION
SWITCH
SENSE (T41)
STARTER
MOTOR
CONTROL
OUTPUT
FUSE
10
5A
(8W-13-9)
2 C1
2 C9
SWITCH-
IGNITION
(8W-13-14)
IGNITION
SWITCH
OUTPUT
(START)
4
T753
20
DG/YL
1 C219
T753
18
DG/YL
T41
20
YL/DB
T40
14
YL/TN
2
1
RELAY-
STARTER
MOTOR
5
4
3
T41
20
YL/DB
T750
14
YL/GY
A1
1
RD
BATTERY
(8W-13-7)
BATTERY-
AUXILIARY
(8W-13-7)
S123
(8W-70-10)
1 C102
A8
2
RD
T41
20
YL/DB
T41
20
YL/DB
T750
14
YL/GY
8 C132
1
SWITCH-
CLUTCH
INTERLOCK
(M/T)
(8W-21-2)
(8W-21-3)
T41
20
YL/DB
2
Z911
18
BK
STARTER
1 HOLD-IN
2 PULL-IN
1
2
M
6
PARK/
NEUTRAL
POSITION
SWITCH
SENSE (T41)
SENSOR-
TRANSMISSION
RANGE
(A/T)
(8W-31-4)
(8W-31-13)
G104
(8W-15-4)

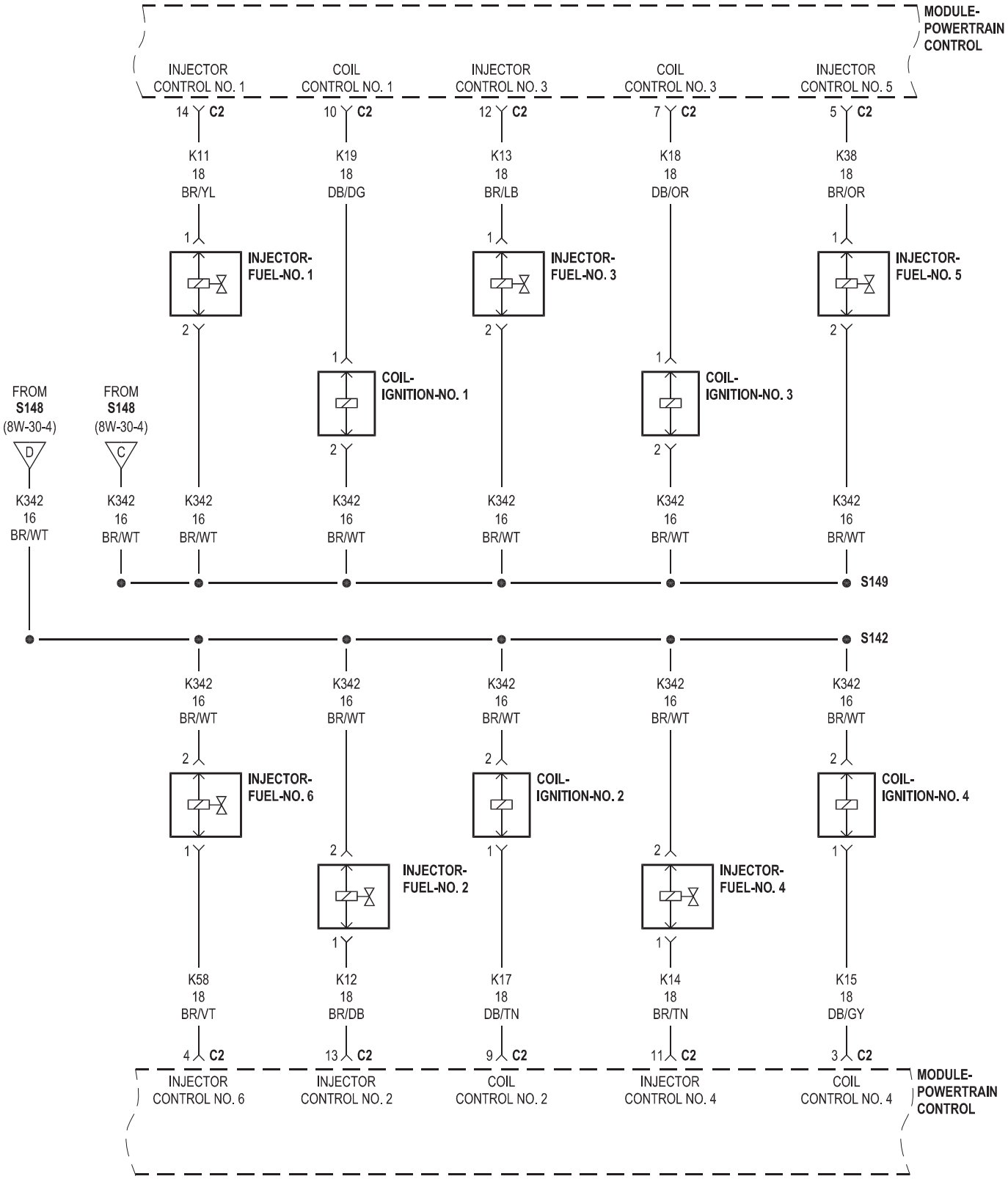
# 8W-30 FUEL/IGNITION SYSTEM

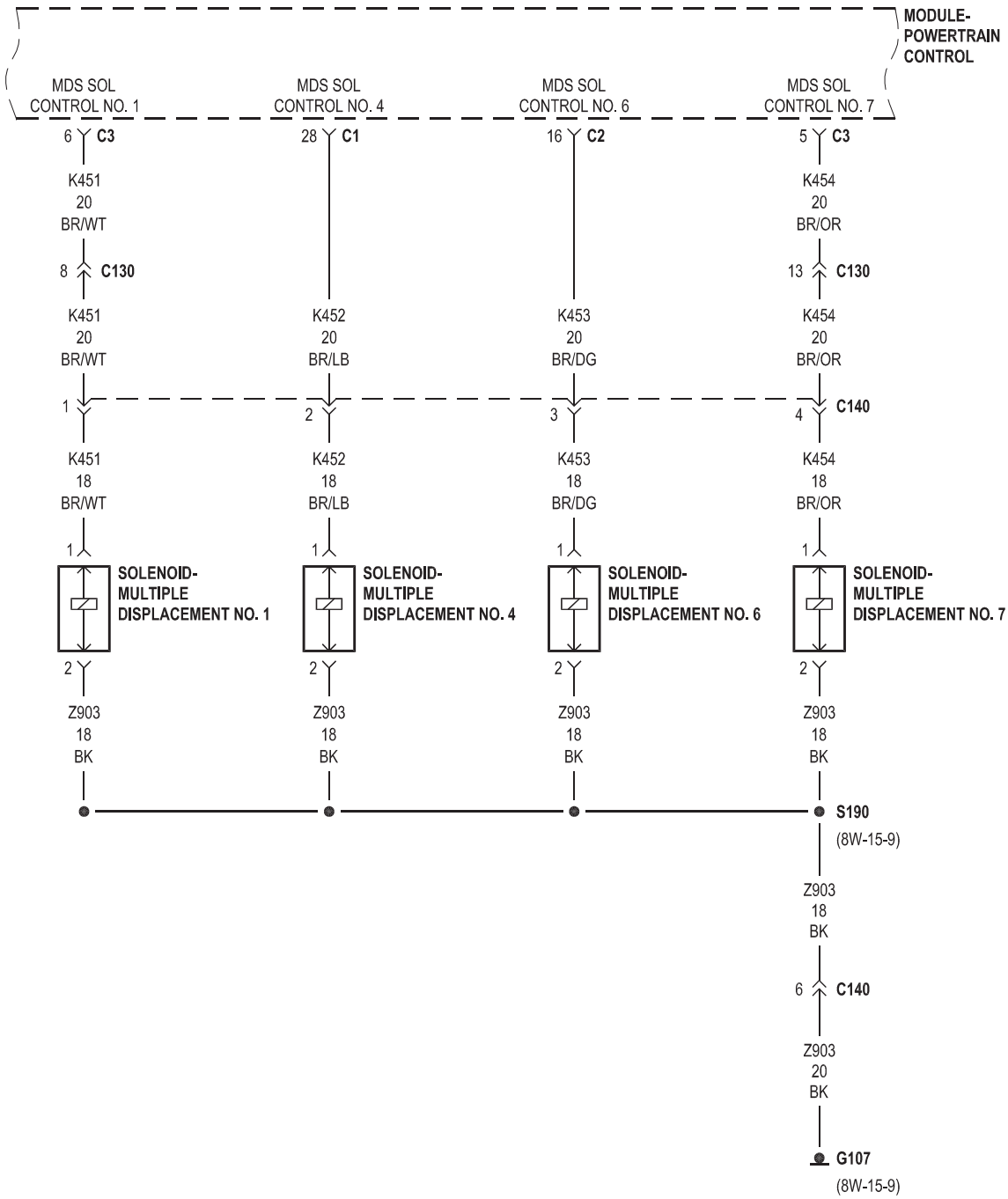

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| Coil-Ignition-No. 4 | 8W-30-5 |
| Coil-Ignition-No. 5 | 8W-30-4 |
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| Coil-Ignition-No. 7 | 8W-30-4 |
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| Injector-Fuel-No. 4 | 8W-30-5, 7, 26 |
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| Sensor-Knock | 8W-30-14 |
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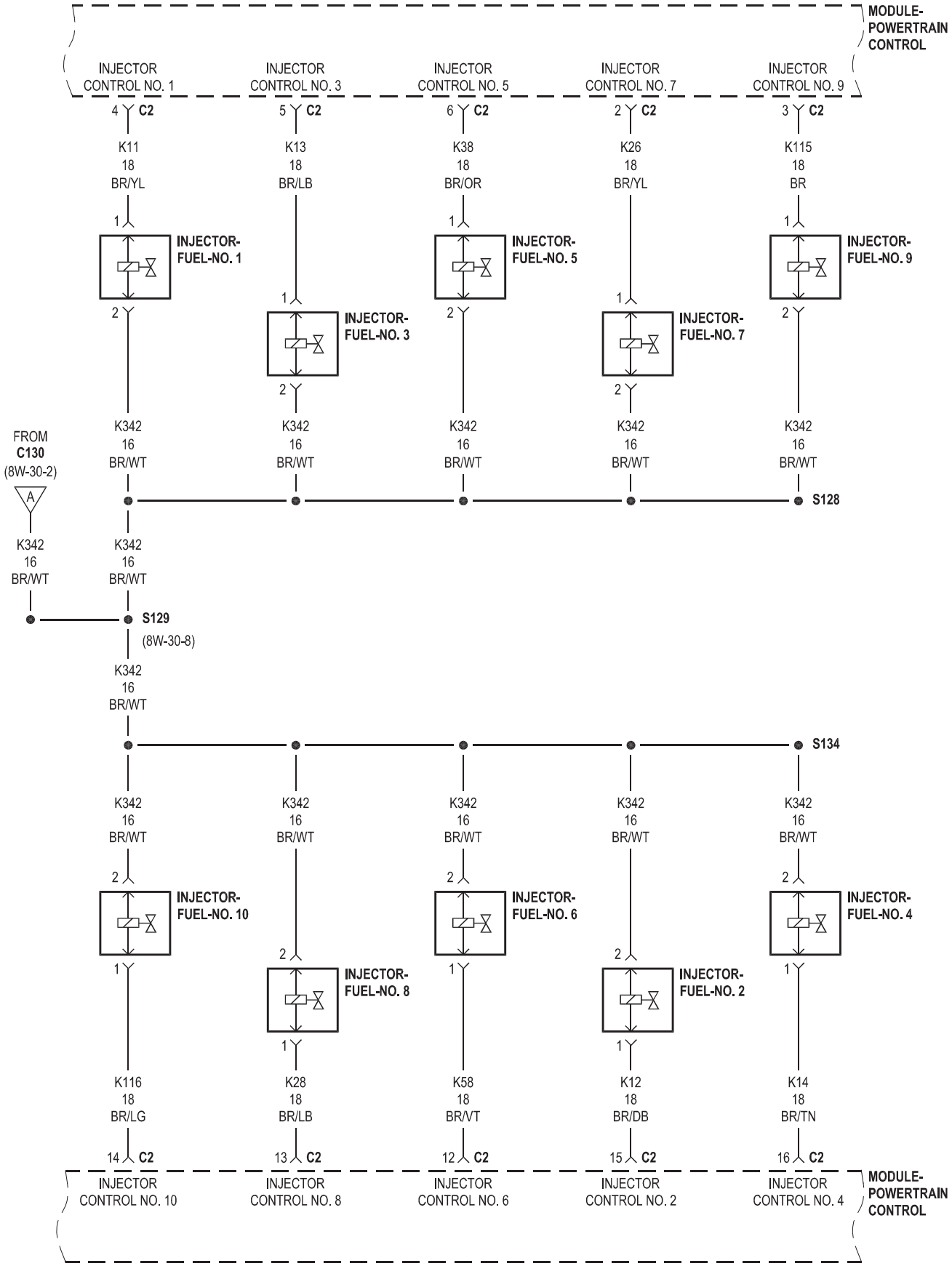

RUN-START F12
(8W-13-12)
BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
28
10A
(8W-13-13)
FUSE
31
15A
(8W-13-16)
B(+)
ELECTRONICS
ASD
CONTROL
ASD
CONTROL
OUTPUT
15 C3
12 C3
11 C2
1 C10
SOLENOID-
RADIATOR FAN
(SRT)
(8W-30-8)
ASD
CONTROL
2
F202
20
PK/GY
S136
(8W-13-13)
K51
20
BR/WT
K342
16
BR/WT
K342
16
BR/WT
SRT
NGC
S016
A918
20
RD
K51
18
BR/WT
S137
11 C130
K342
16
BR/WT
F202
20
PK/GY
A918
20
RD
4 C130
K342
18
BR/WT
SRT
NGC
ETC
MTC
13 C130
34 C130
S178
(8W-13-16)
A
TO
S129
(SRT)
S112
(NGC)
(8W-30-4)
(8W-30-7)
F202
18
PK/GY
F202
20
PK/GY
A918
20
RD
11 C1
2 C1
29 C1
3 C3
12 C3
19 C3
28 C3
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSED
B(+)
ASD
CONTROL
ASD
CONTROL
OUTPUT
ASD
CONTROL
OUTPUT
ASD
CONTROL
OUTPUT
MODULE-
POWERTRAIN
CONTROL
GROUND
GROUND
18 C1
32 C1
9 C1
31 C1
Z131
16
BK/RD
Z130
16
BK/BR
NGC
SRT
SRT
NGC
G110
(8W-15-12)
G107
(8W-15-11)
NGC
SRT

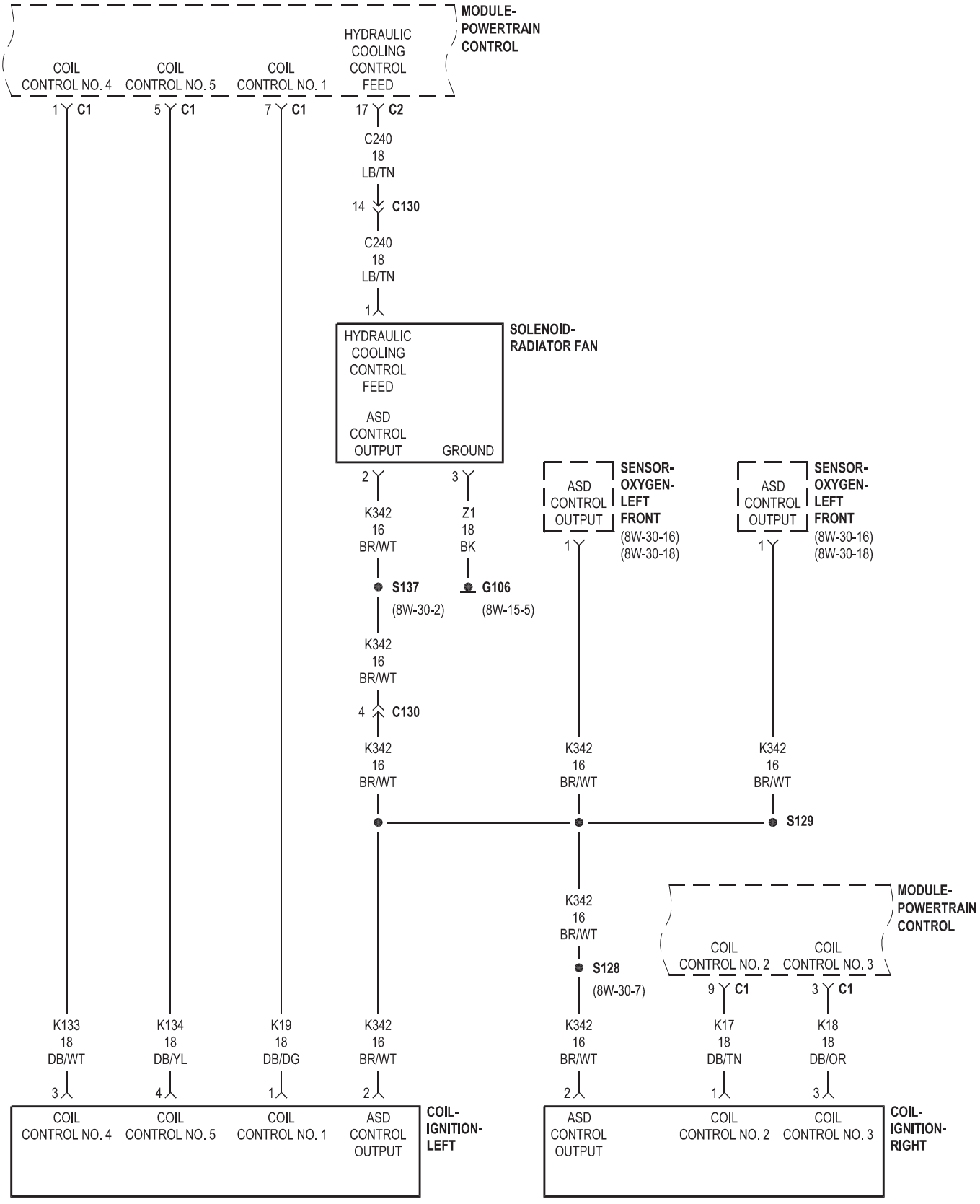

RUN-START F12
(8W-13-12)
BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSE 28 20A (8W-13-13)
FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
IGNITION SWITCH OUTPUT (START)
FUEL PUMP CONTROL OUTPUT
FUEL PUMP CONTROL OUTPUT
15 C3
1 C1
14 C7
4 C1
18 C10
K31 20 BR
A109 16 OR/RD
SRT
NGC
S184
(8W-13-18)
K31 18 BR
1 C135
A109 14 OR/RD
F202 20 PK/GY
F1 20 PK/WT
S136
(8W-13-13)
4
MODULE-FUEL PUMP
M
3
2
1
F202 20 PK/GY
Z201 12 BK/OR
S308
(8W-15-7)
SRT
NGC
N4 18 DB/WT
Z210 18 BK
Z927 12 BK/OR
1
SOLENOID-EVAP/PURGE
5
4
10 C135
T751 20 YL
2
N4 20 DB/WT
Z210 20 BK
SRT
NGC
S015
(8W-13-18)
26 C130
54
53 C219
K70 18 DB/BR
K70 20 DB/BR
K52 20 DB/WT
F1 20 PK/WT
T751 20 YL
N4 20 DB/WT
Z210 20 BK
Z927 14 BK/OR
29 C130
7 C4
7 C3
F1 20 PK/WT
FUEL LEVEL SENSOR SIGNAL
GROUND
CLUSTER
(8W-40-3)
19
20 C3
29 C3
20 C3
12 C1
30 C1
37 C3
MODULE-POWERTRAIN CONTROL
EVAP PURGE RETURN
EVAP PURGE SOL SIGNAL
EVAP PURGE SOL CONTROL
FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
IGNITION SWITCH OUTPUT (START)
FUEL PUMP CONTROL OUTPUT
G106
(8W-15-6)
NGC
SRT

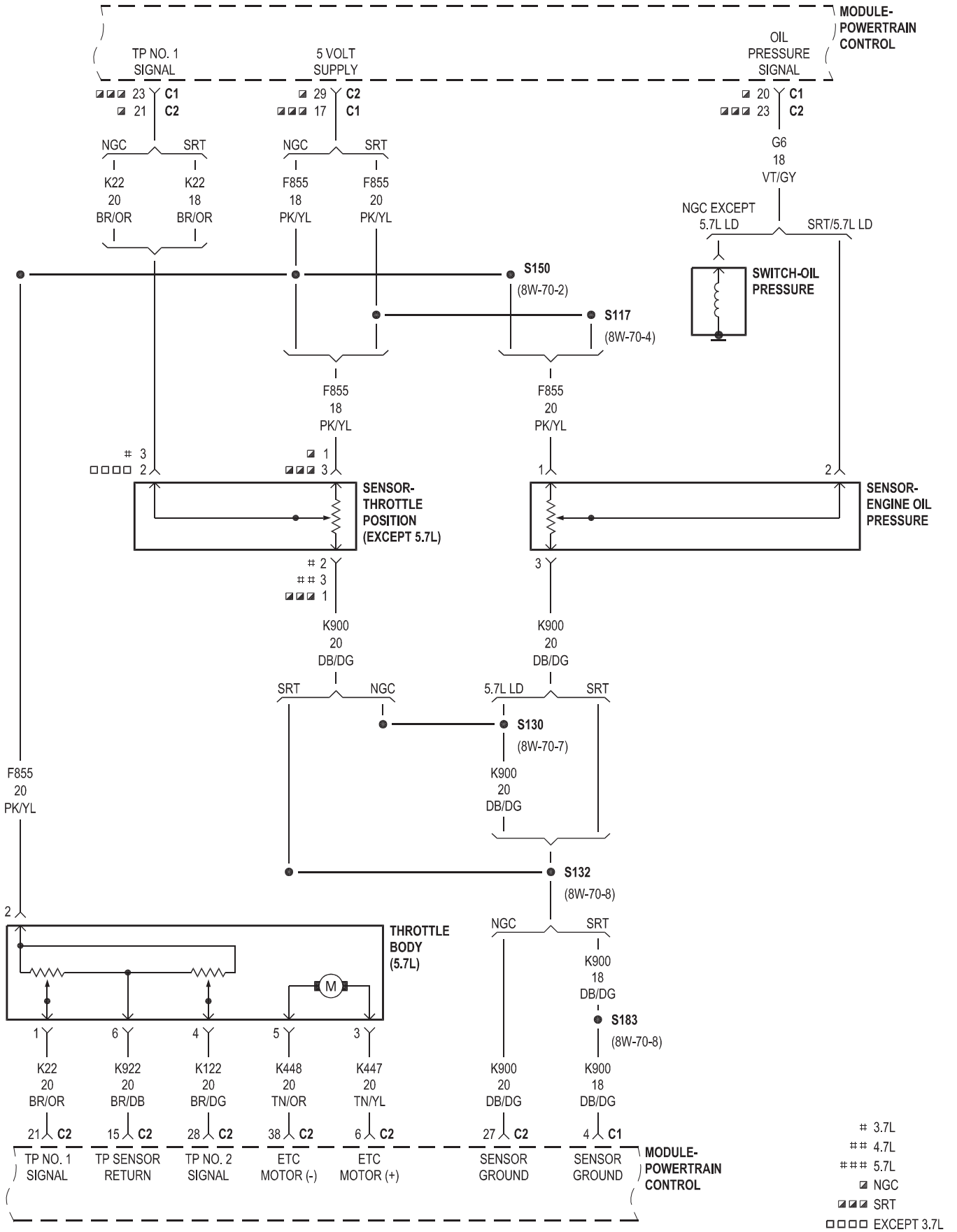

MODULE-
POWERTRAIN
CONTROL
COIL
CONTROL NO. 6
INJECTOR
CONTROL NO. 8
COIL
CONTROL NO. 8
1 C2
4 C1
1 C1
K10
18
DB/OR
K28
18
BR/LB
K98
18
DB/YL
FROM
C130
(8W-30-2)
A
COIL-
IGNITION-NO. 6
INJECTOR-
FUEL-NO. 8
(4.7L/5.7L)
COIL-
IGNITION-NO. 8
(4.7L/5.7L)
K342
16
BR/WT
S112
CAPACITOR-
IGNITION
S148
C
TO
S149
(8W-30-5)
D
TO
S142
(8W-30-5)
COIL-
IGNITION-NO. 5
COIL-
IGNITION-NO. 7
(4.7L/5.7L)
INJECTOR-
FUEL-NO. 7
(4.7L/5.7L)
4.7L
5.7L
K16
18
DB/YL
K97
18
DB/YL
K97
18
BR
K26
18
BR/YL
2 C2
3 C1
5 C1
COIL
CONTROL NO. 5
COIL
CONTROL NO. 7
INJECTOR
CONTROL NO. 7
MODULE-
POWERTRAIN
CONTROL

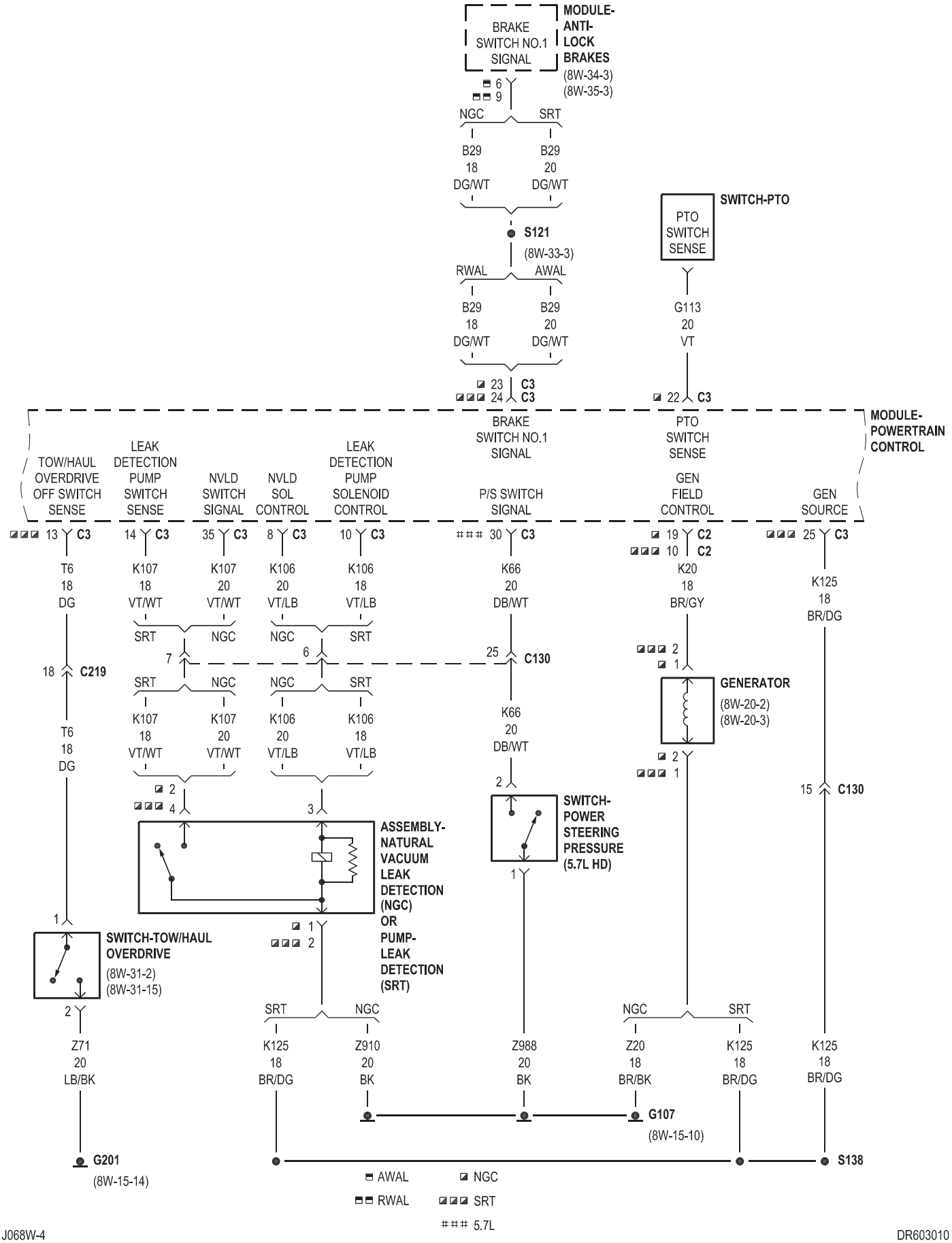

MODULE-POWERTRAIN CONTROL
INJECTOR CONTROL NO. 1
COIL CONTROL NO. 1
INJECTOR CONTROL NO. 3
COIL CONTROL NO. 3
INJECTOR CONTROL NO. 5
14 C2
10 C2
12 C2
7 C2
5 C2
K11 18 BR/YL
K19 18 DB/DG
K13 18 BR/LB
K18 18 DB/OR
K38 18 BR/OR
INJECTOR-FUEL-NO. 1
INJECTOR-FUEL-NO. 3
INJECTOR-FUEL-NO. 5
COIL-IGNITION-NO.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

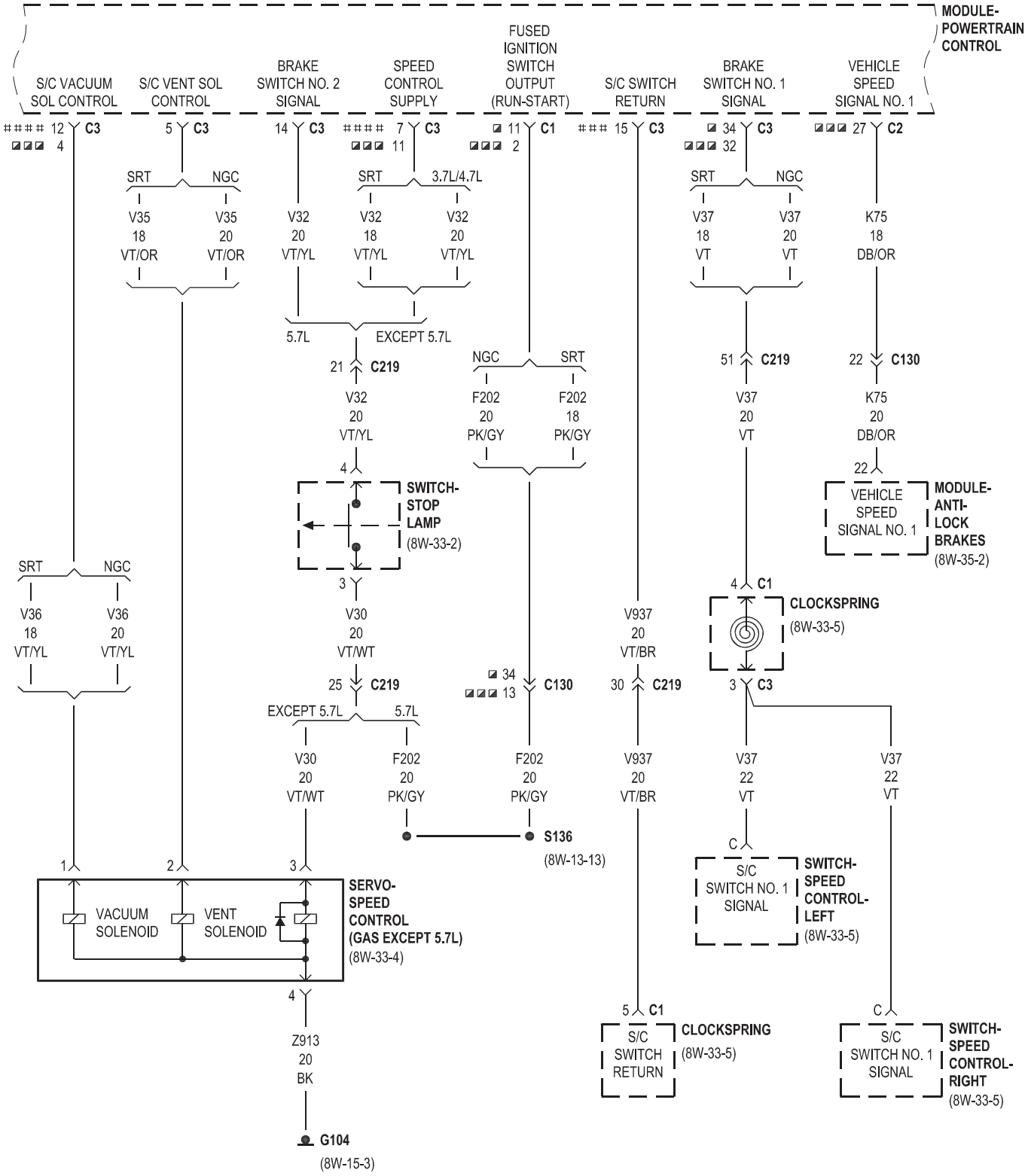

MODULE-
POWERTRAIN
CONTROL
MDS SOL
CONTROL NO. 1
MDS SOL
CONTROL NO. 4
MDS SOL
CONTROL NO. 6
MDS SOL
CONTROL NO. 7
6 C3
28 C1
16 C2
5 C3
K451
20
BR/WT
K454
20
BR/OR
8 C130
13 C130
K451
20
BR/WT
K452
20
BR/LB
K453
20
BR/DG
K454
20
BR/OR
1
2
3
4 C140
K451
18
BR/WT
K452
18
BR/LB
K453
18
BR/DG
K454
18
BR/OR
1
1
1
1
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 1
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 4
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 6
SOLENOID-
MULTIPLE
DISPLACEMENT NO. 7
2
2
2
2
Z903
18
BK
Z903
18
BK
Z903
18
BK
Z903
18
BK
S190
(8W-15-9)
Z903
18
BK
6 C140
Z903
20
BK
G107
(8W-15-9)


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

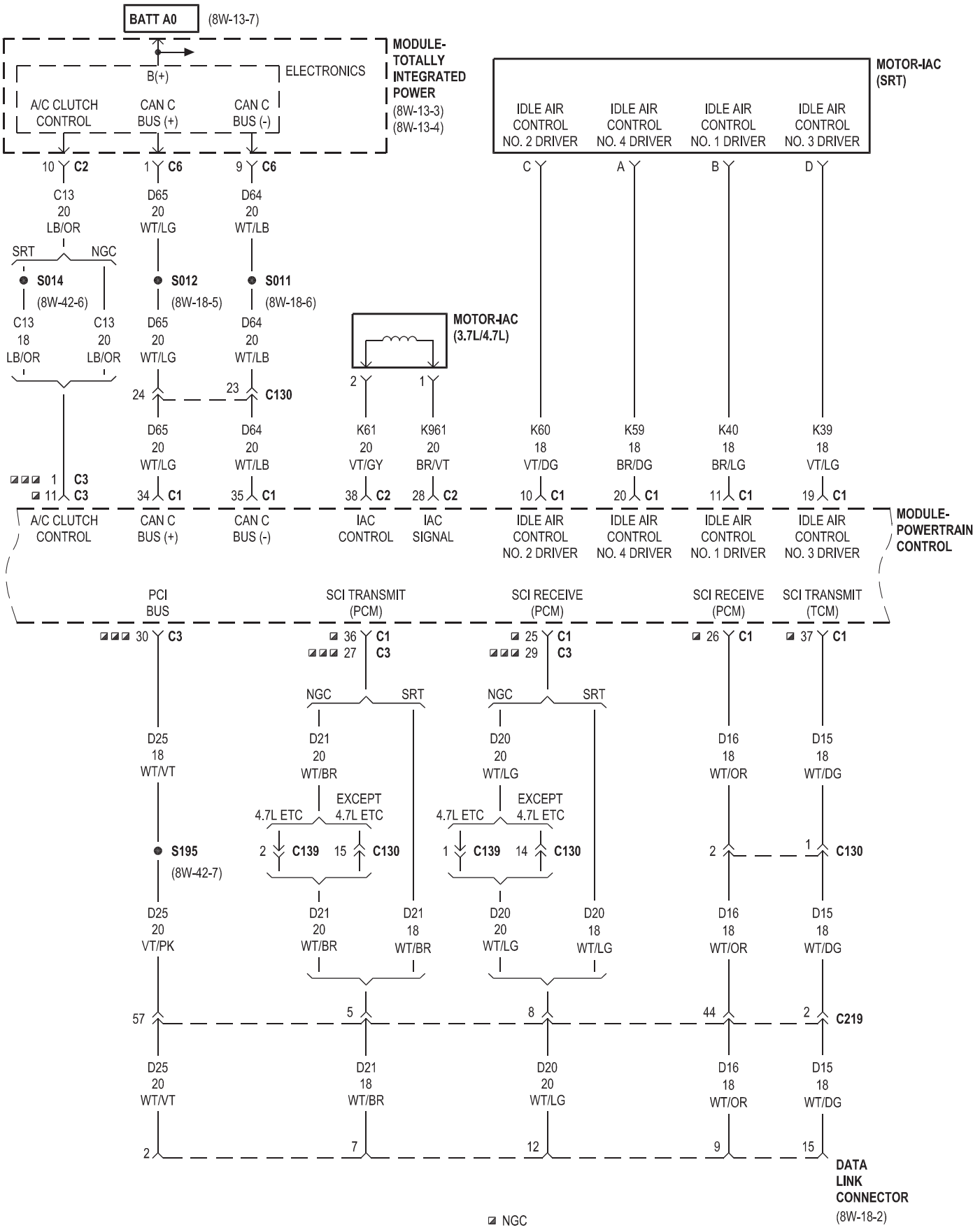

MODULE-POWERTRAIN CONTROL
COIL CONTROL NO. 4
COIL CONTROL NO. 5
COIL CONTROL NO. 1
HYDRAULIC COOLING CONTROL FEED
1 C1
5 C1
7 C1
17 C2
C240 18 LB/TN
14 C130
C240 18 LB/TN
1
HYDRAULIC COOLING CONTROL FEED
ASD CONTROL OUTPUT
GROUND
SOLENOID-RADIATOR FAN
2
3
K342 16 BR/WT
Z1 18 BK
S137 (8W-30-2)
G106 (8W-15-5)
K342 16 BR/WT
4 C130
K342 16 BR/WT
ASD CONTROL OUTPUT
SENSOR-OXYGEN-LEFT FRONT (8W-30-16) (8W-30-18)
1
K342 16 BR/WT
ASD CONTROL OUTPUT
SENSOR-OXYGEN-LEFT FRONT (8W-30-16) (8W-30-18)
1
K342 16 BR/WT
S129
K342 16 BR/WT
S128 (8W-30-7)
MODULE-POWERTRAIN CONTROL
COIL CONTROL NO. 2
COIL CONTROL NO. 3
9 C1
3 C1
K133 18 DB/WT
K134 18 DB/YL
K19 18 DB/DG
K342 16 BR/WT
K342 16 BR/WT
K17 18 DB/TN
K18 18 DB/OR
3
4
1
2
2
1
3
COIL CONTROL NO. 4
COIL CONTROL NO. 5
COIL CONTROL NO. 1
ASD CONTROL OUTPUT
COIL-IGNITION-LEFT
ASD CONTROL OUTPUT
COIL CONTROL NO. 2
COIL CONTROL NO. 3
COIL-IGNITION-RIGHT

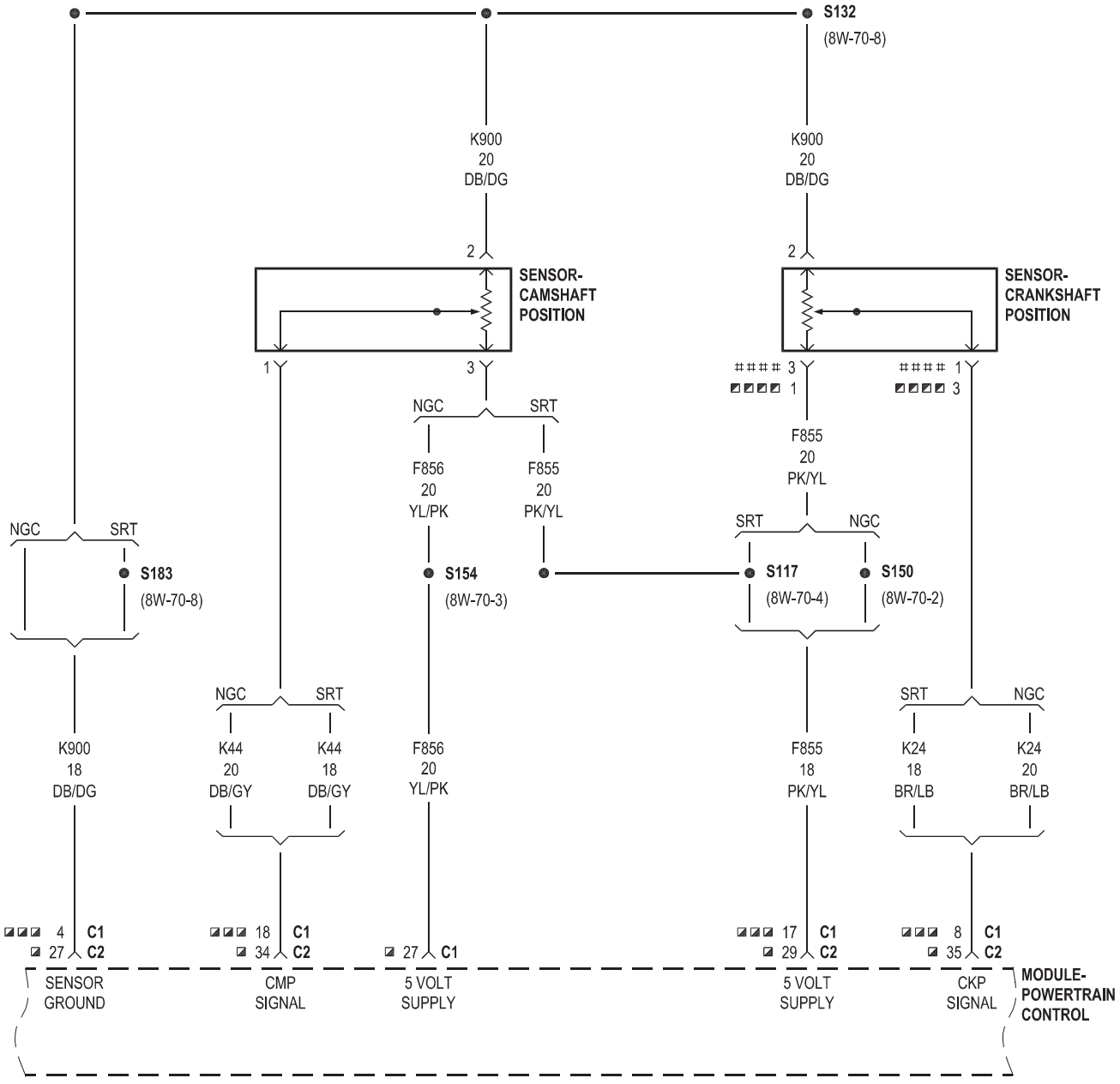

MODULE-POWERTRAIN CONTROL
TP NO. 1 SIGNAL
5 VOLT SUPPLY
OIL PRESSURE SIGNAL
23 C1
21 C2
29 C2
17 C1
20 C1
23 C2
NGC
SRT
K22 20 BR/OR
K22 18 BR/OR
F855 18 PK/YL
F855 20 PK/YL
G6 18 VT/GY
NGC EXCEPT 5.7L LD
SRT/5.7L LD
SWITCH-OIL PRESSURE
S150
(8W-70-2)
S117
(8W-70-4)
SENSOR-THROTTLE POSITION (EXCEPT 5.7L)
SENSOR-ENGINE OIL PRESSURE
K900 20 DB/DG
5.7L LD
S130
(8W-70-7)
S132
(8W-70-8)
THROTTLE BODY (5.7L)
M
K922 20 BR/DB
K122 20 BR/DG
K448 20 TN/OR
K447 20 TN/YL
K900 18 DB/DG
S183
(8W-70-8)
TP SENSOR RETURN
TP NO. 2 SIGNAL
ETC MOTOR (-)
ETC MOTOR (+)
SENSOR GROUND
# 3.7L
## 4.7L
### 5.7L
NGC
SRT
EXCEPT 3.7L


BRAKE SWITCH NO.1 SIGNAL
MODULE-ANTI-LOCK BRAKES
(8W-34-3)
(8W-35-3)
6
9
NGC
SRT
B29 18 DG/WT
B29 20 DG/WT
S121
(8W-33-3)
RWAL
AWAL
B29 18 DG/WT
B29 20 DG/WT
23 C3
24 C3
PTO SWITCH SENSE
SWITCH-PTO
G113 20 VT
22 C3
MODULE-POWERTRAIN CONTROL
TOW/HAUL OVERDRIVE OFF SWITCH SENSE
LEAK DETECTION PUMP SWITCH SENSE
NVLD SWITCH SIGNAL
NVLD SOL CONTROL
LEAK DETECTION PUMP SOLENOID CONTROL
BRAKE SWITCH NO.1 SIGNAL
PTO SWITCH SENSE
GEN FIELD CONTROL
GEN SOURCE
13 C3
14 C3
35 C3
8 C3
10 C3
30 C3
19 C2
10 C2
25 C3
T6 18 DG
K107 18 VT/WT
K107 20 VT/WT
K106 20 VT/LB
K106 18 VT/LB
K66 20 DB/WT
K20 18 BR/GY
K125 18 BR/DG
SRT
NGC
NGC
SRT
7
6
25 C130
18 C219
SRT
NGC
NGC
SRT
K66 20 DB/WT
2
1
GENERATOR
(8W-20-2)
(8W-20-3)
2
4
3
2
1
2
1
15 C130
ASSEMBLY-NATURAL VACUUM LEAK DETECTION (NGC) OR PUMP-LEAK DETECTION (SRT)
SWITCH-POWER STEERING PRESSURE (5.7L HD)
1
SWITCH-TOW/HAUL OVERDRIVE
(8W-31-2)
(8W-31-15)
2
SRT
NGC
NGC
SRT
Z71 20 LB/BK
K125 18 BR/DG
Z910 20 BK
Z988 20 BK
Z20 18 BR/BK
K125 18 BR/DG
K125 18 BR/DG
G107
(8W-15-10)
G201
(8W-15-14)
S138
AWAL
RWAL
NGC
SRT
5.7L

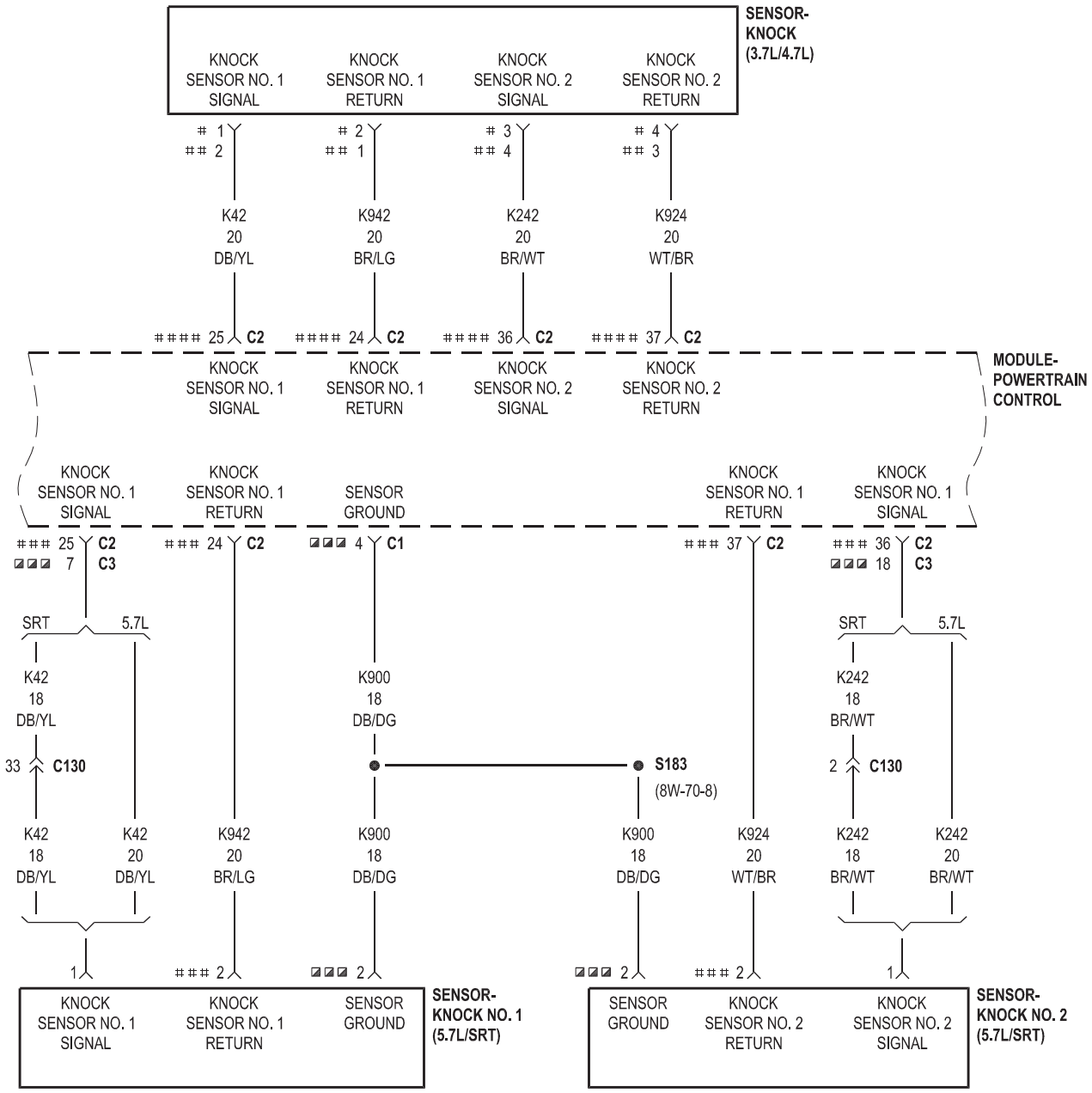



NGC
SRT
3.7L/4.7L
5.7L

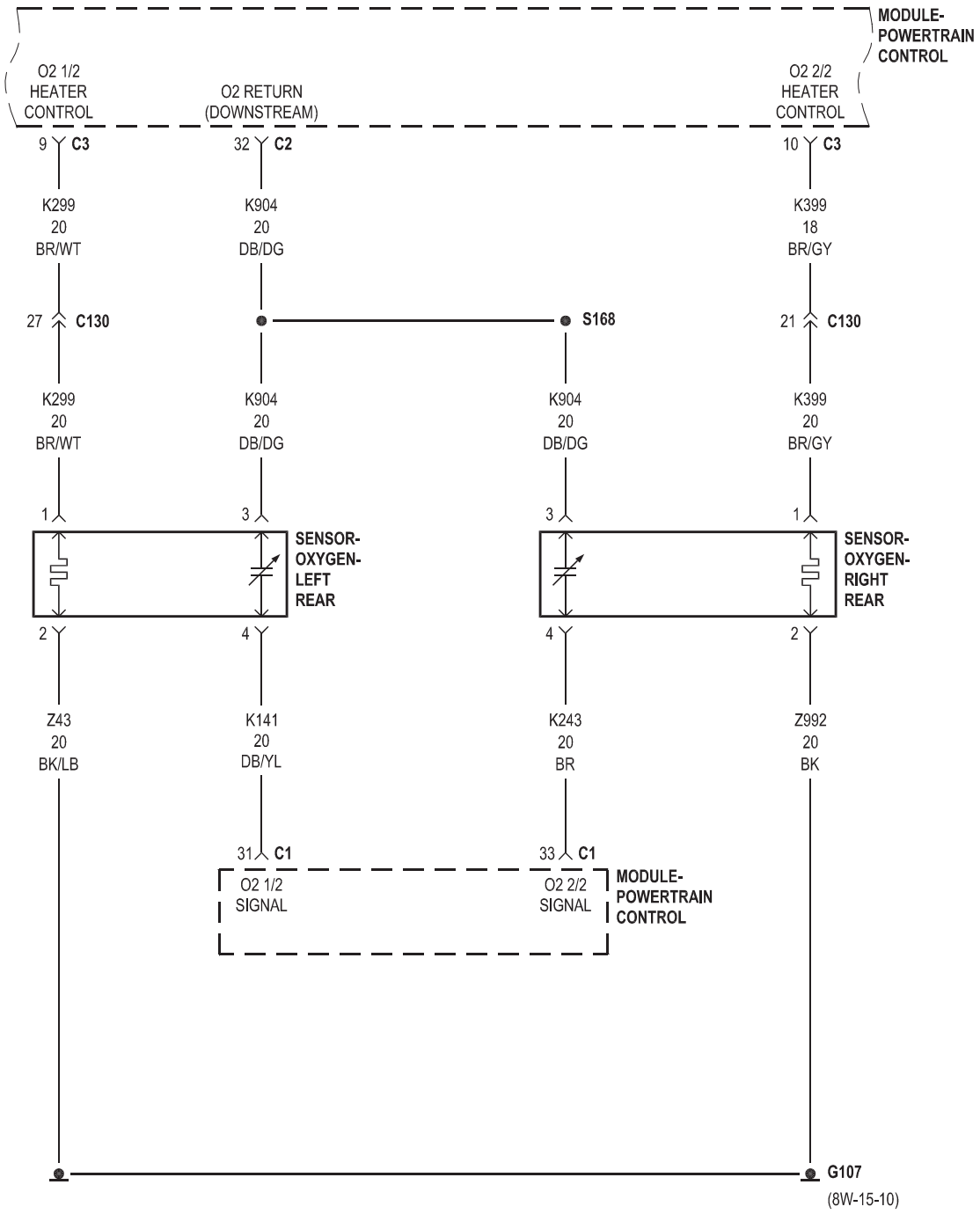

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
A/C CLUTCH CONTROL
CAN C BUS (+)
CAN C BUS (-)
MOTOR-IAC (SRT)
IDLE AIR CONTROL NO. 2 DRIVER
IDLE AIR CONTROL NO. 4 DRIVER
IDLE AIR CONTROL NO. 1 DRIVER
IDLE AIR CONTROL NO. 3 DRIVER
10 C2
1 C6
9 C6
C
A
B
D
C13 20 LB/OR
D65 20 WT/LG
D64 20 WT/LB
SRT
NGC
S014
(8W-42-6)
S012
(8W-18-5)
S011
(8W-18-6)
C13 18 LB/OR
C13 20 LB/OR
D65 20 WT/LG
D64 20 WT/LB
MOTOR-IAC (3.7L/4.7L)
2
1
24
23 C130
K61 20 VT/GY
K961 20 BR/VT
K60 18 VT/DG
K59 18 BR/DG
K40 18 BR/LG
K39 18 VT/LG
1 C3
11 C3
34 C1
35 C1
38 C2
28 C2
10 C1
20 C1
11 C1
19 C1
A/C CLUTCH CONTROL
CAN C BUS (+)
CAN C BUS (-)
IAC CONTROL
IAC SIGNAL
IDLE AIR CONTROL NO. 2 DRIVER
IDLE AIR CONTROL NO. 4 DRIVER
IDLE AIR CONTROL NO. 1 DRIVER
IDLE AIR CONTROL NO. 3 DRIVER
MODULE-POWERTRAIN CONTROL
PCI BUS
SCI TRANSMIT (PCM)
SCI RECEIVE (PCM)
SCI RECEIVE (PCM)
SCI TRANSMIT (TCM)
30 C3
36 C1
27 C3
25 C1
29 C3
26 C1
37 C1
NGC
SRT
NGC
SRT
D25 18 WT/VT
D21 20 WT/BR
D20 20 WT/LG
D16 18 WT/OR
D15 18 WT/DG
EXCEPT 4.7L ETC
4.7L ETC
EXCEPT 4.7L ETC
4.7L ETC
S195
(8W-42-7)
2 C139
15 C130
1 C139
14 C130
2 C130
1 C130
D25 20 VT/PK
D21 20 WT/BR
D21 18 WT/BR
D20 20 WT/LG
D20 18 WT/LG
D16 18 WT/OR
D15 18 WT/DG
57
5
8
44
2 C219
D25 20 WT/VT
D21 18 WT/BR
D20 20 WT/LG
D16 18 WT/OR
D15 18 WT/DG
2
7
12
9
15
DATA LINK CONNECTOR
(8W-18-2)
NGC
SRT

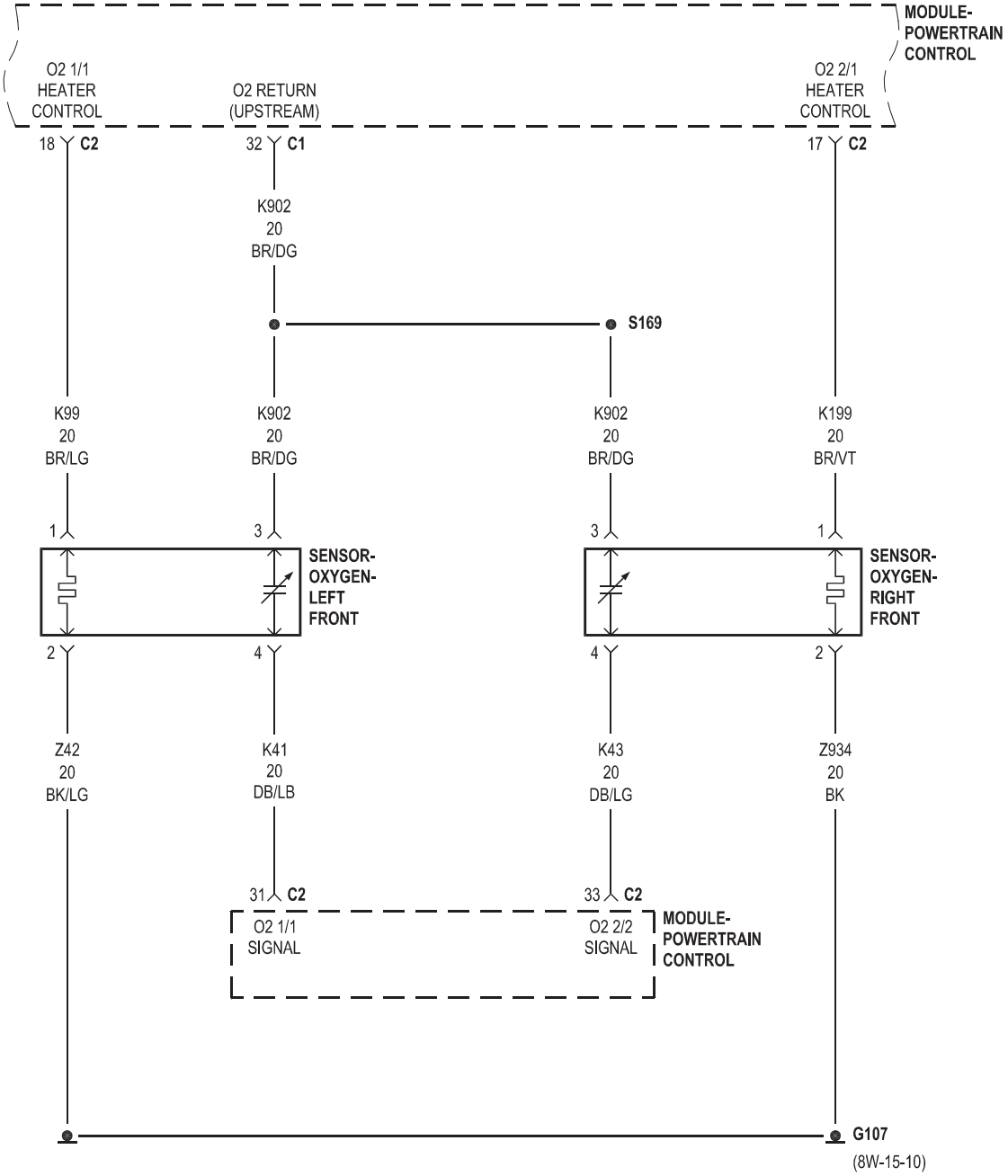


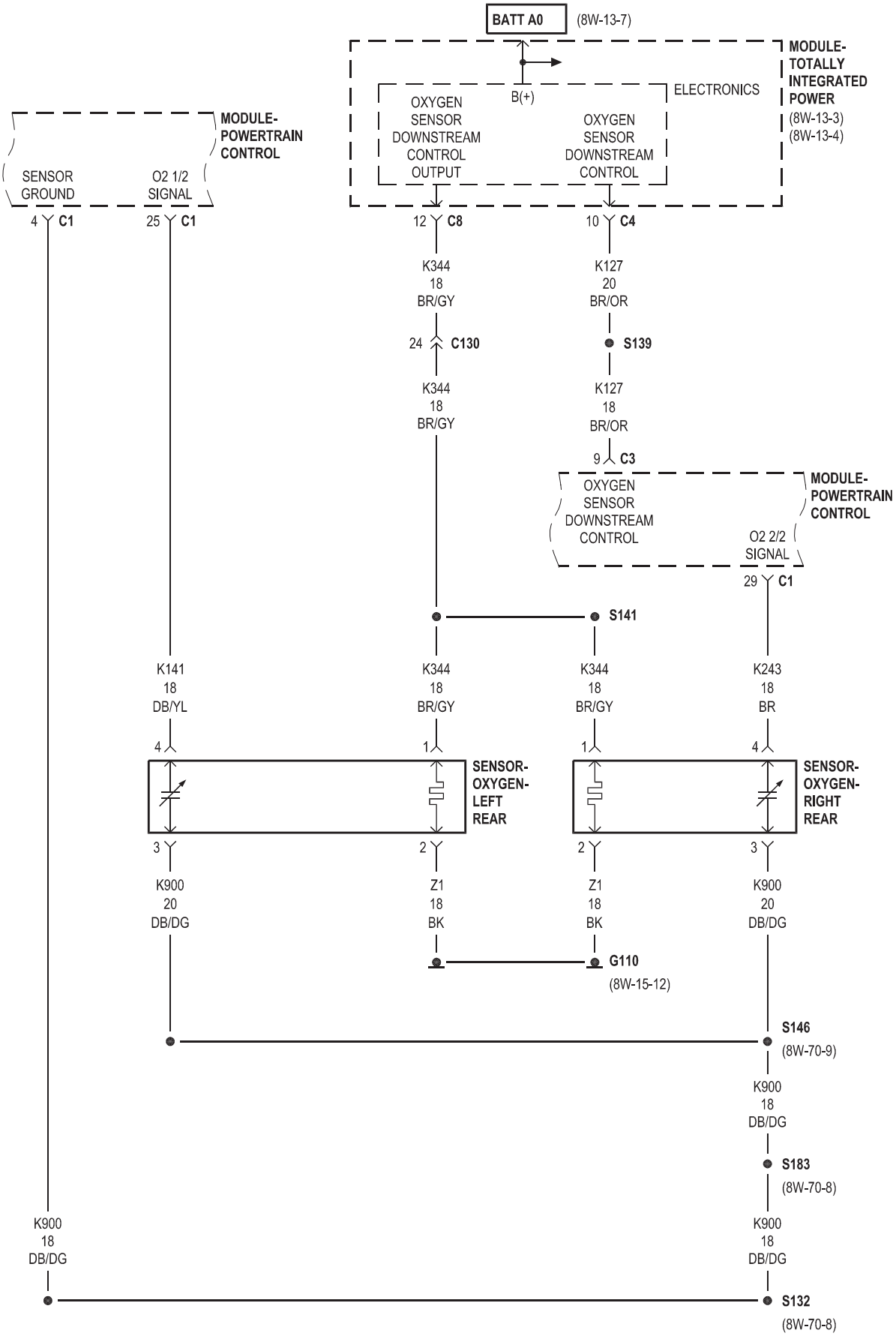

◪ NGC
◪◪◪ SRT
◪◪◪◪ EXCEPT 3.7L/4.7L
#### 3.7L/4.7L

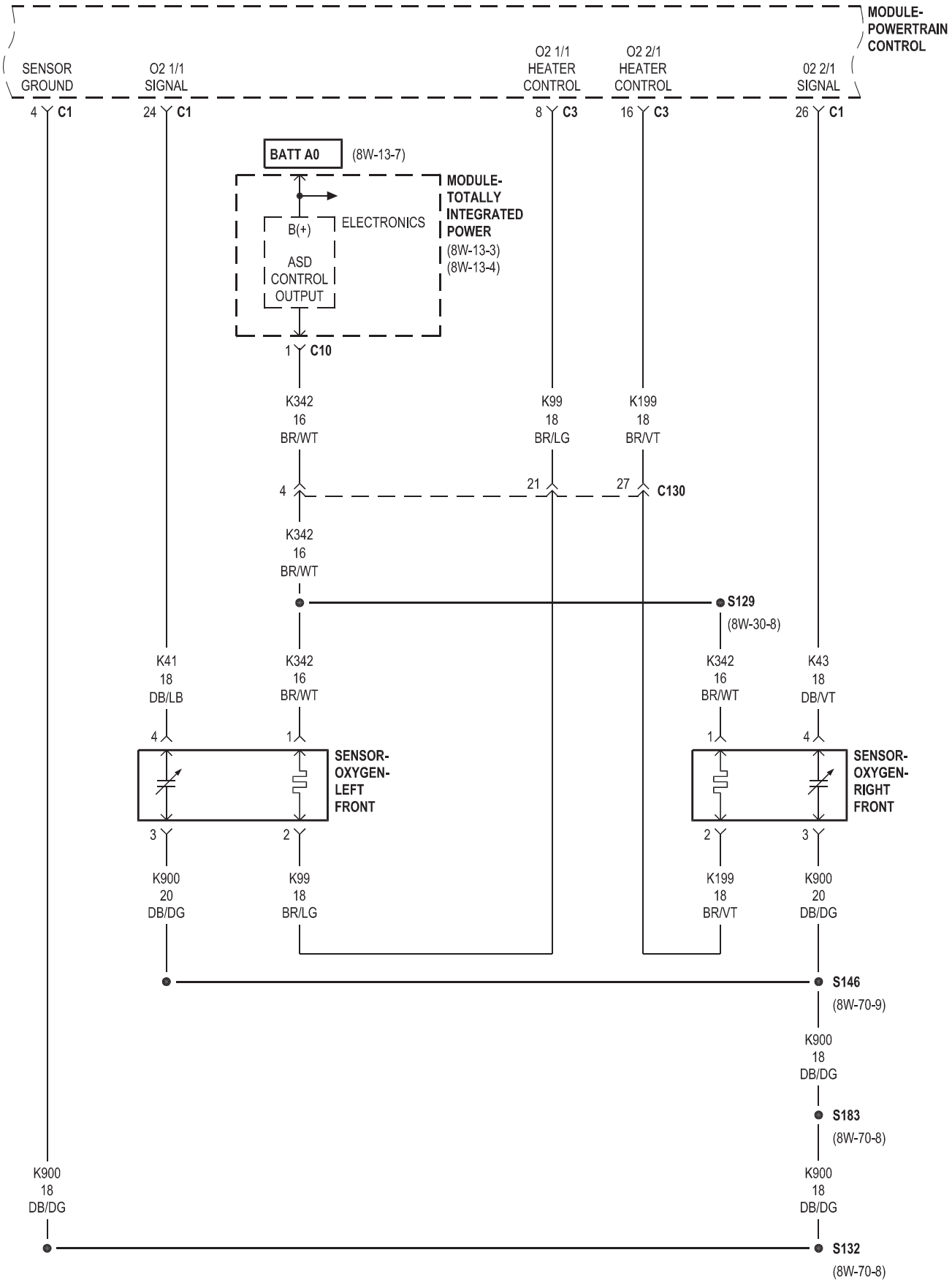


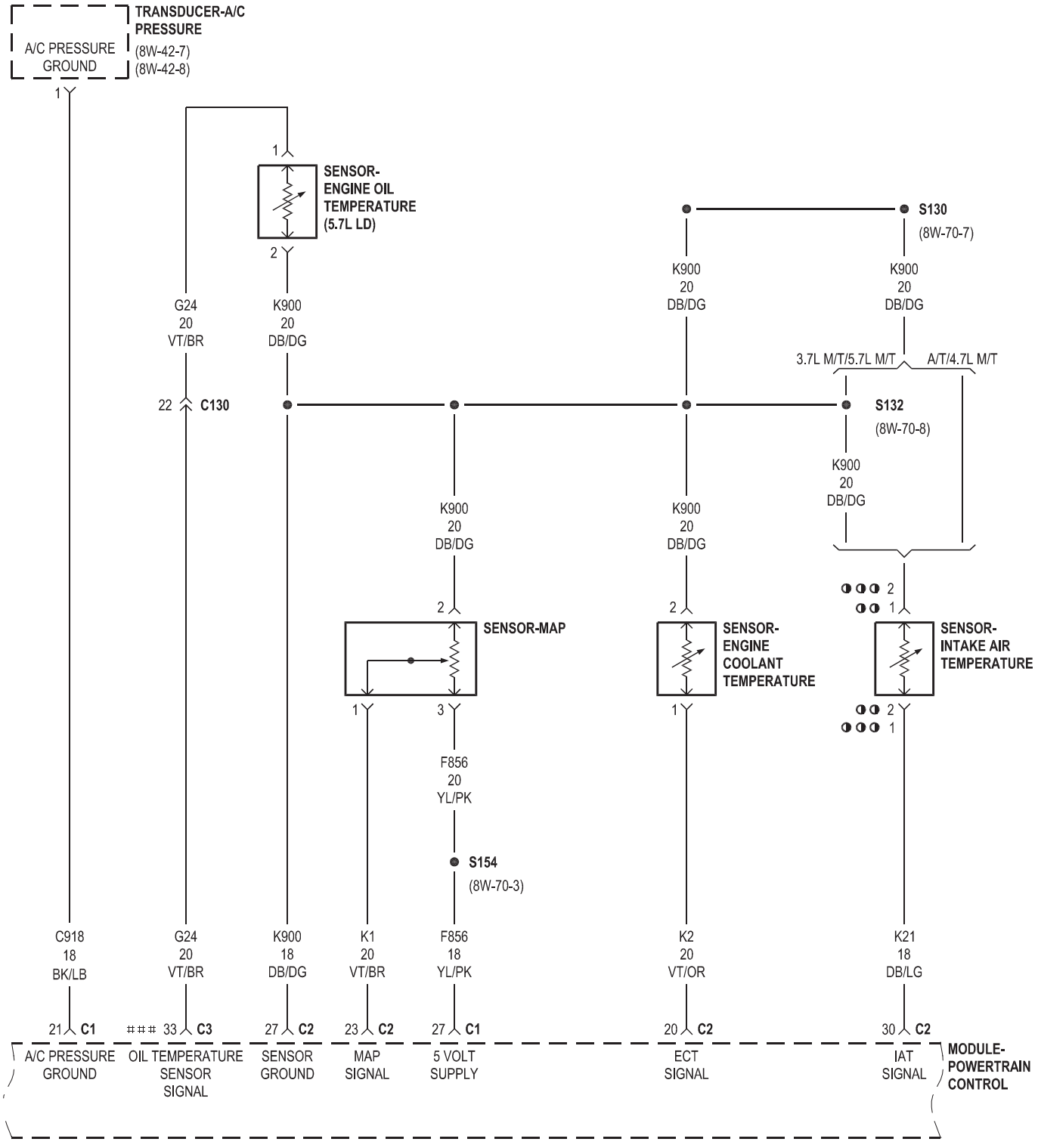

# 3.7L
## 4.7L
### 5.7L
#### 3.7L/4.7L
◪◪◪ SRT


MODULE-
POWERTRAIN
CONTROL
O2 1/2
HEATER
CONTROL
O2 RETURN
(DOWNSTREAM)
O2 2/2
HEATER
CONTROL
9 C3
32 C2
10 C3
K299
20
BR/WT
K904
20
DB/DG
K399
18
BR/GY
27 C130
S168
21 C130
K299
20
BR/WT
K904
20
DB/DG
K904
20
DB/DG
K399
20
BR/GY
1
3
3
1
SENSOR-
OXYGEN-
LEFT
REAR
SENSOR-
OXYGEN-
RIGHT
REAR
2
4
4
2
Z43
20
BK/LB
K141
20
DB/YL
K243
20
BR
Z992
20
BK
31 C1
33 C1
O2 1/2
SIGNAL
O2 2/2
SIGNAL
MODULE-
POWERTRAIN
CONTROL
G107
(8W-15-10)

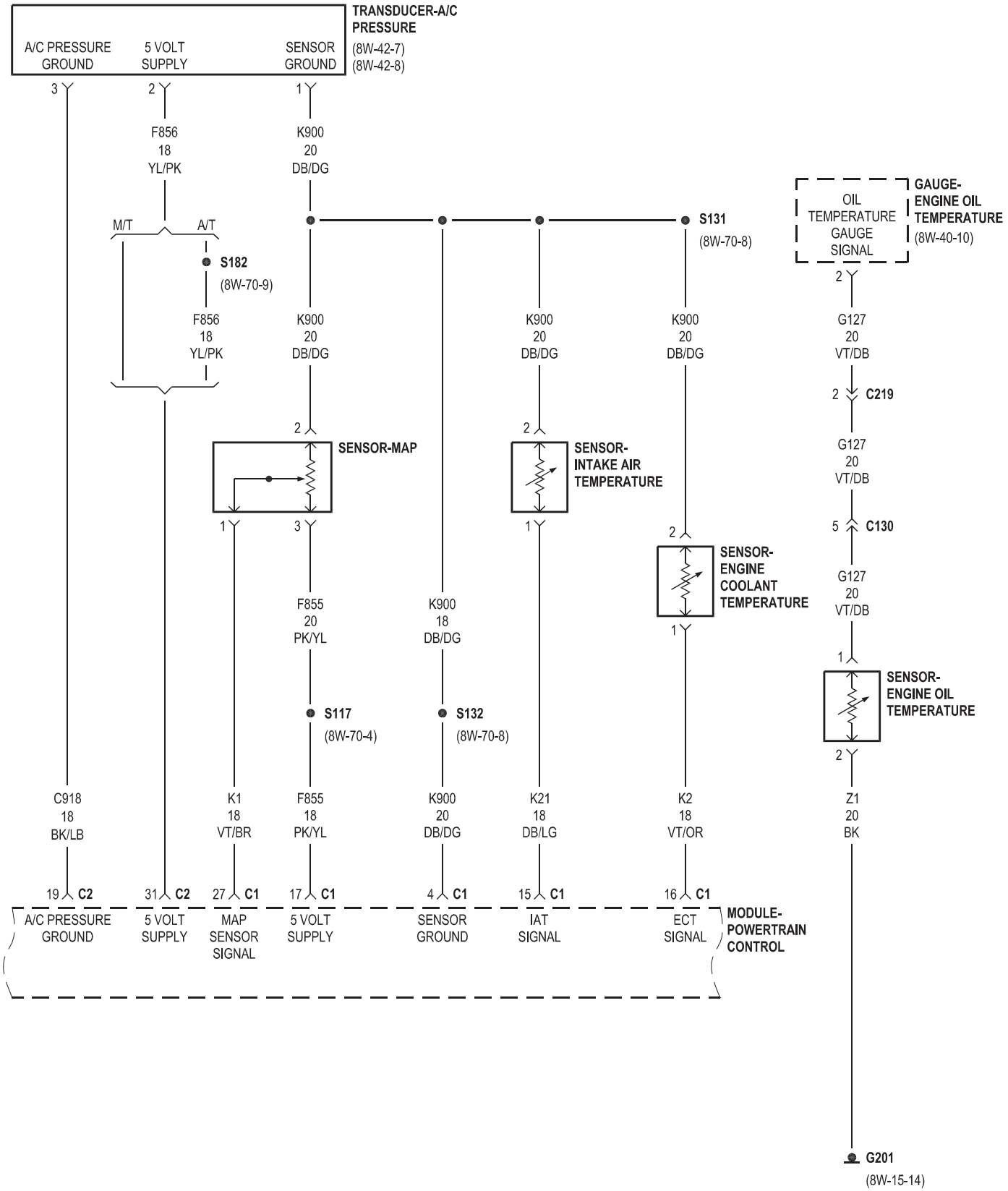

MODULE-
POWERTRAIN
CONTROL
O2 1/1
HEATER
CONTROL
O2 RETURN
(UPSTREAM)
O2 2/1
HEATER
CONTROL
18 C2
32 C1
17 C2
K902
20
BR/DG
S169
K99
20
BR/LG
K902
20
BR/DG
K902
20
BR/DG
K199
20
BR/VT
1
3
3
1
SENSOR-
OXYGEN-
LEFT
FRONT
SENSOR-
OXYGEN-
RIGHT
FRONT
2
4
4
2
Z42
20
BK/LG
K41
20
DB/LB
K43
20
DB/LG
Z934
20
BK
31 C2
33 C2
O2 1/1
SIGNAL
O2 2/2
SIGNAL
MODULE-
POWERTRAIN
CONTROL
G107
(8W-15-10)

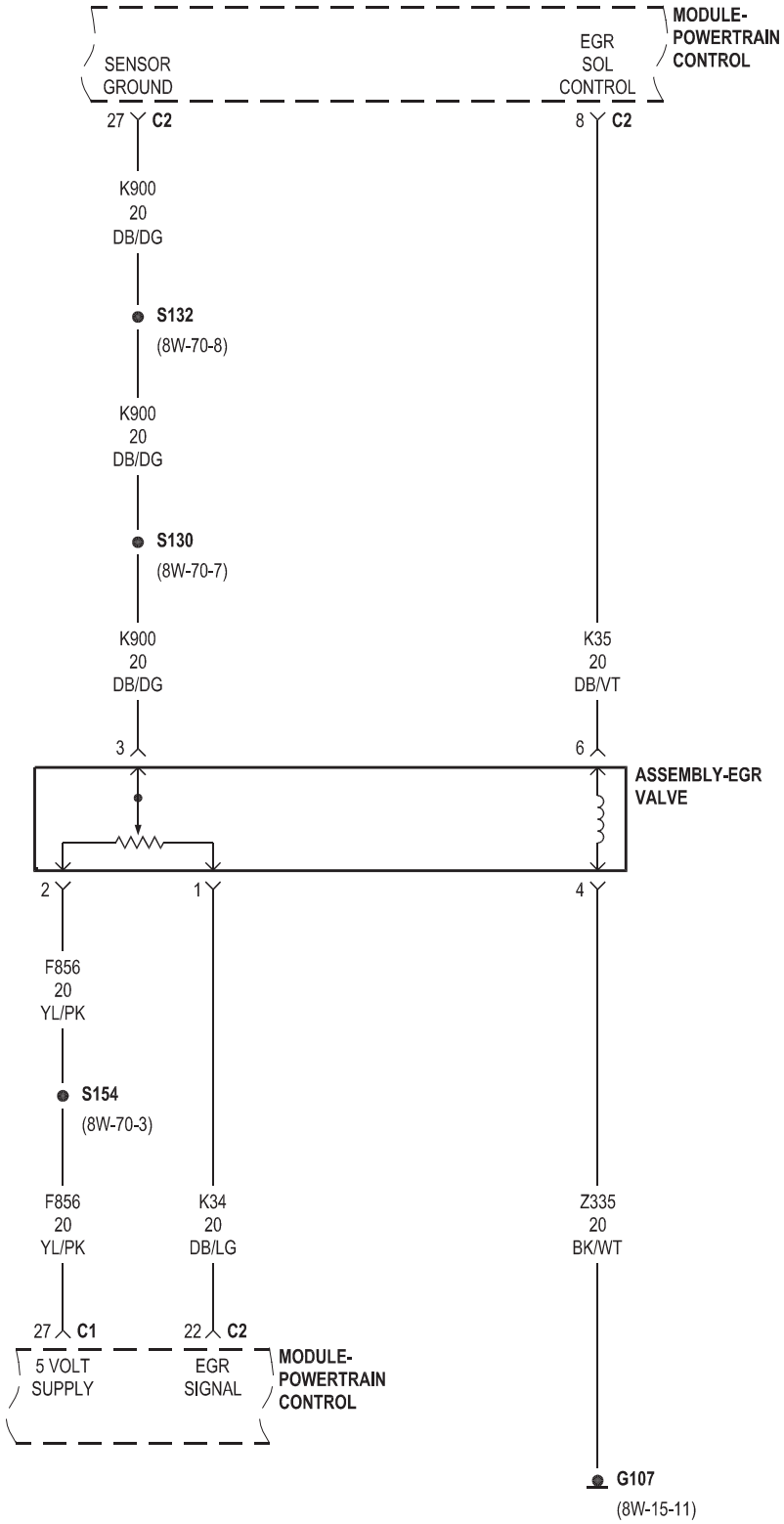

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
OXYGEN
SENSOR
DOWNSTREAM
CONTROL
OUTPUT
OXYGEN
SENSOR
DOWNSTREAM
CONTROL
MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
O2 1/2
SIGNAL
4 C1
25 C1
12 C8
10 C4
K344
18
BR/GY
K127
20
BR/OR
24 C130
S139
K344
18
BR/GY
K127
18
BR/OR
9 C3
OXYGEN
SENSOR
DOWNSTREAM
CONTROL
MODULE-
POWERTRAIN
CONTROL
O2 2/2
SIGNAL
29 C1
S141
K141
18
DB/YL
K344
18
BR/GY
K344
18
BR/GY
K243
18
BR
4
1
1
4
SENSOR-
OXYGEN-
LEFT
REAR
SENSOR-
OXYGEN-
RIGHT
REAR
3
2
2
3
K900
20
DB/DG
Z1
18
BK
Z1
18
BK
K900
20
DB/DG
G110
(8W-15-12)
S146
(8W-70-9)
K900
18
DB/DG
S183
(8W-70-8)
K900
18
DB/DG
K900
18
DB/DG
S132
(8W-70-8)

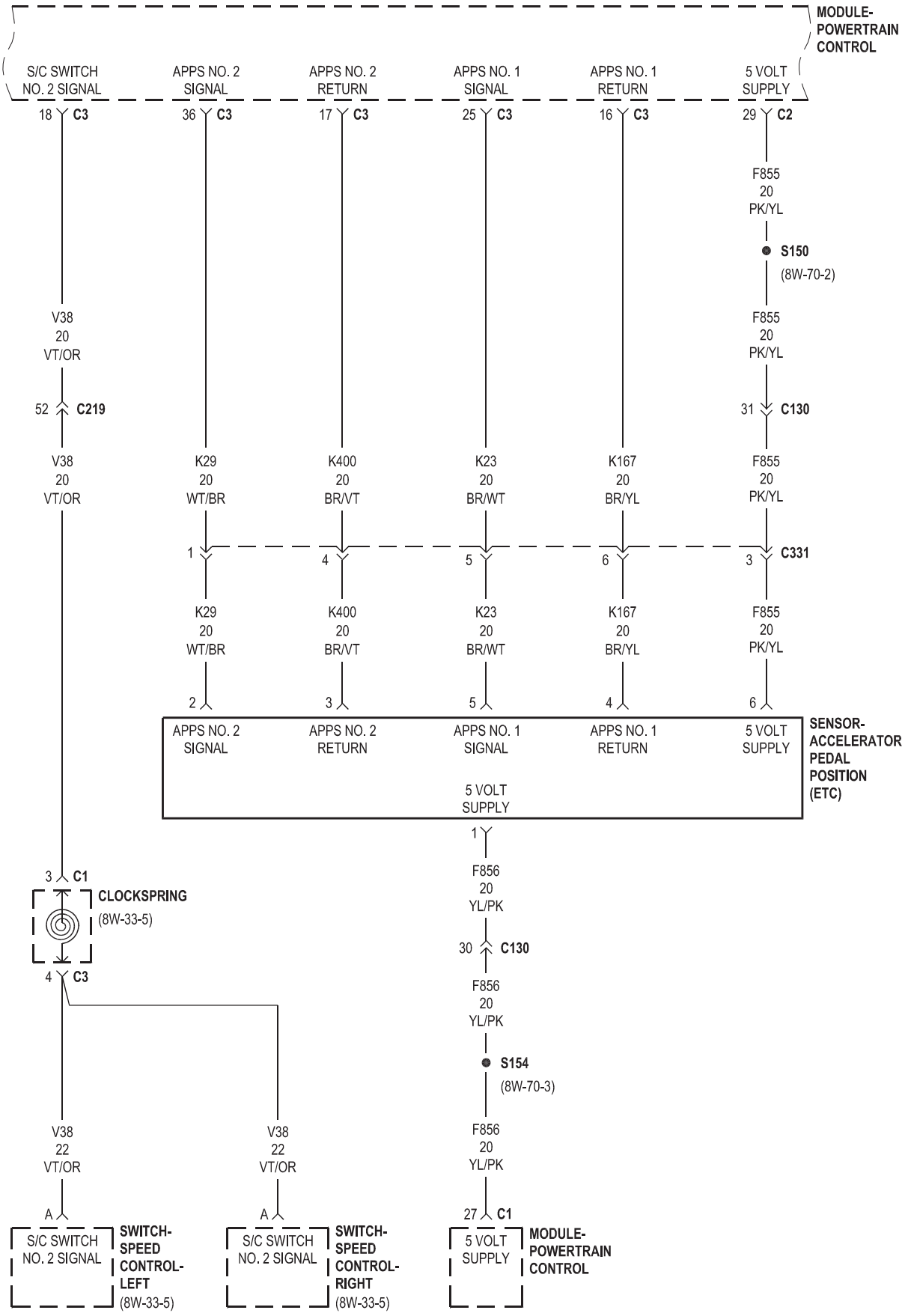

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
O2 1/1
SIGNAL
O2 1/1
HEATER
CONTROL
O2 2/1
HEATER
CONTROL
02 2/1
SIGNAL
4 C1
24 C1
8 C3
16 C3
26 C1
BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
ASD
CONTROL
OUTPUT
1 C10
K342
16
BR/WT
K99
18
BR/LG
K199
18
BR/VT
4
21
27
C130
K342
16
BR/WT
S129
(8W-30-8)
K41
18
DB/LB
K342
16
BR/WT
K342
16
BR/WT
K43
18
DB/VT
4
1
1
4
SENSOR-
OXYGEN-
LEFT
FRONT
SENSOR-
OXYGEN-
RIGHT
FRONT
3
2
2
3
K900
20
DB/DG
K99
18
BR/LG
K199
18
BR/VT
K900
20
DB/DG
S146
(8W-70-9)
K900
18
DB/DG
S183
(8W-70-8)
K900
18
DB/DG
K900
18
DB/DG
S132
(8W-70-8)

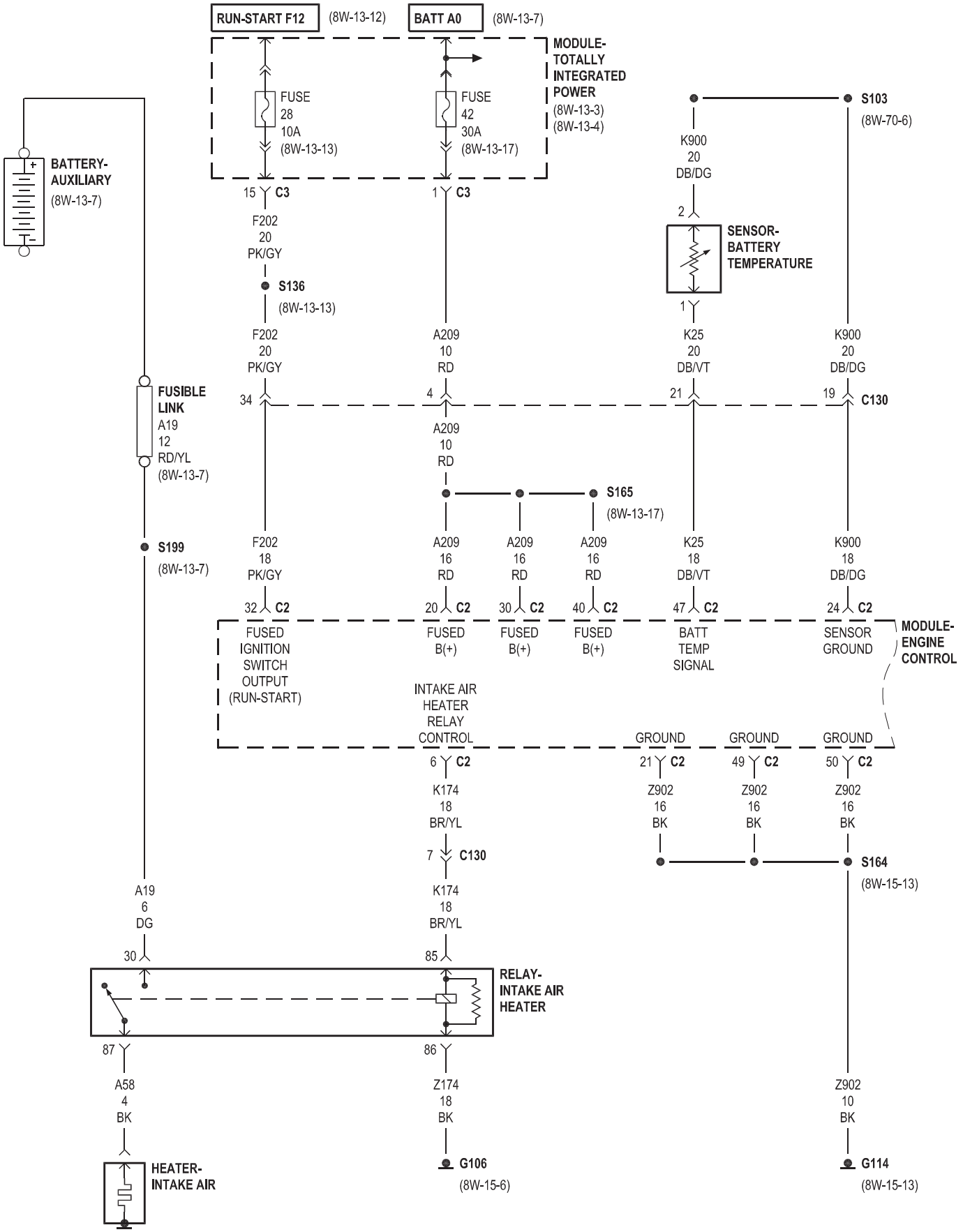


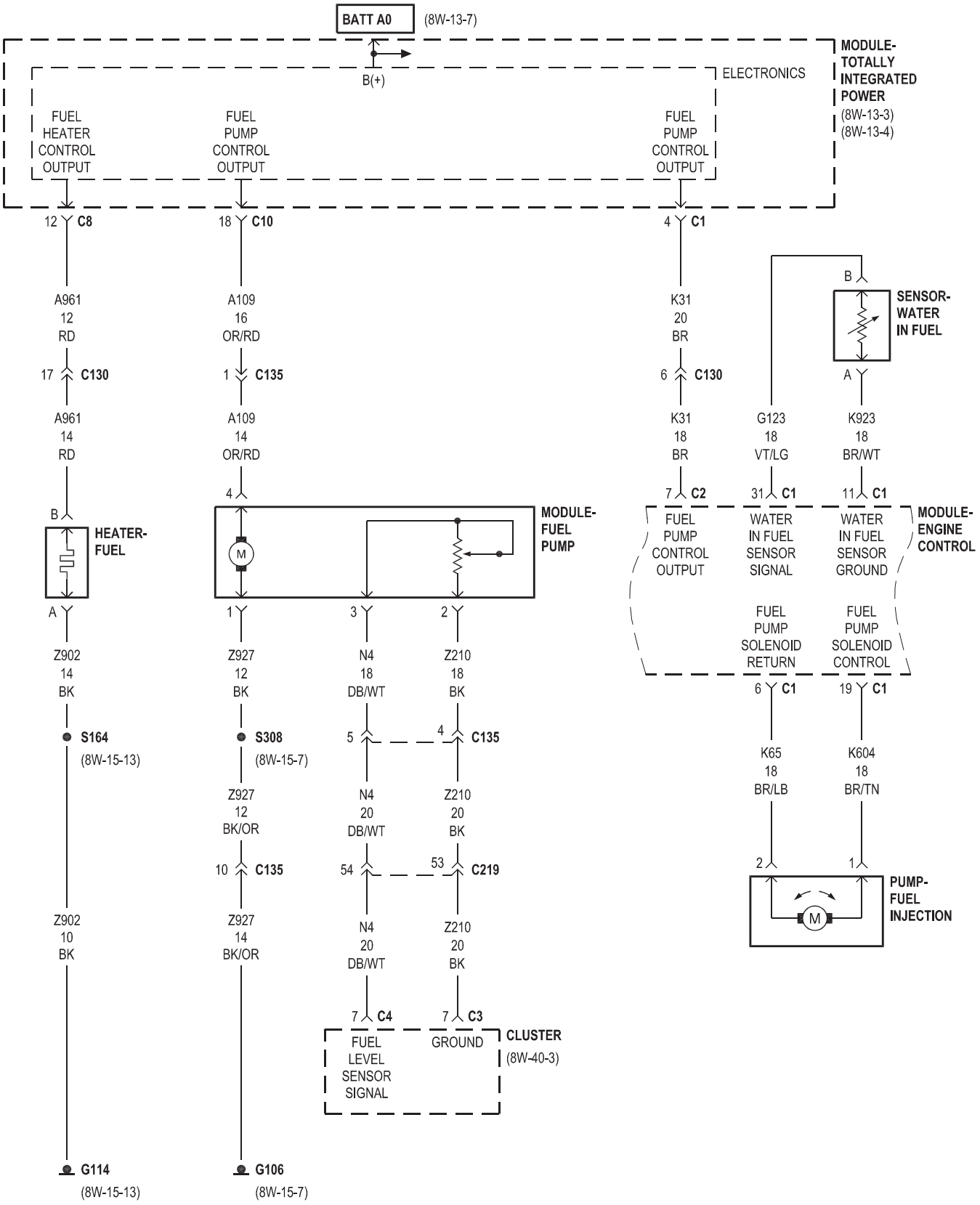

◑◑ 3.7L A/T
◑◑◑ EXCEPT 3.7L A/T
### 5.7L

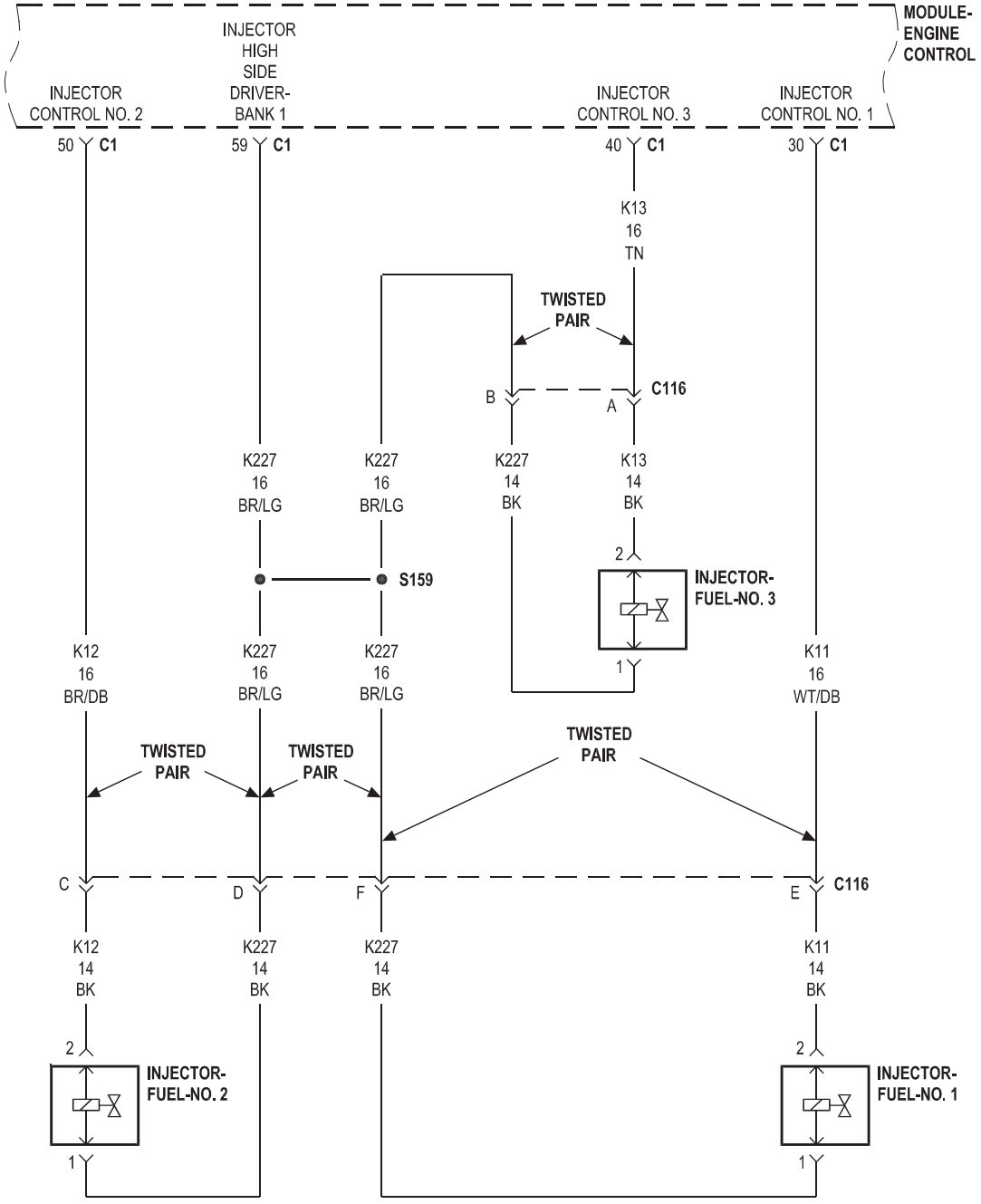

TRANSDUCER-A/C PRESSURE
A/C PRESSURE GROUND
5 VOLT SUPPLY
SENSOR GROUND
(8W-42-7)
(8W-42-8)
3
2
1
F856
18
YL/PK
K900
20
DB/DG
M/T
A/T
S182
(8W-70-9)
S131
(8W-70-8)
GAUGE-ENGINE OIL TEMPERATURE
OIL TEMPERATURE GAUGE SIGNAL
(8W-40-10)
G127
20
VT/DB
C219
C130
SENSOR-MAP
SENSOR-INTAKE AIR TEMPERATURE
SENSOR-ENGINE COOLANT TEMPERATURE
SENSOR-ENGINE OIL TEMPERATURE
F855
20
PK/YL
K900
18
DB/DG
S117
(8W-70-4)
S132
(8W-70-8)
C918
18
BK/LB
K1
18
VT/BR
K21
18
DB/LG
K2
18
VT/OR
Z1
20
BK
19 C2
31 C2
27 C1
17 C1
4 C1
15 C1
16 C1
A/C PRESSURE GROUND
5 VOLT SUPPLY
MAP SENSOR SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
IAT SIGNAL
ECT SIGNAL
MODULE-POWERTRAIN CONTROL
G201
(8W-15-14)

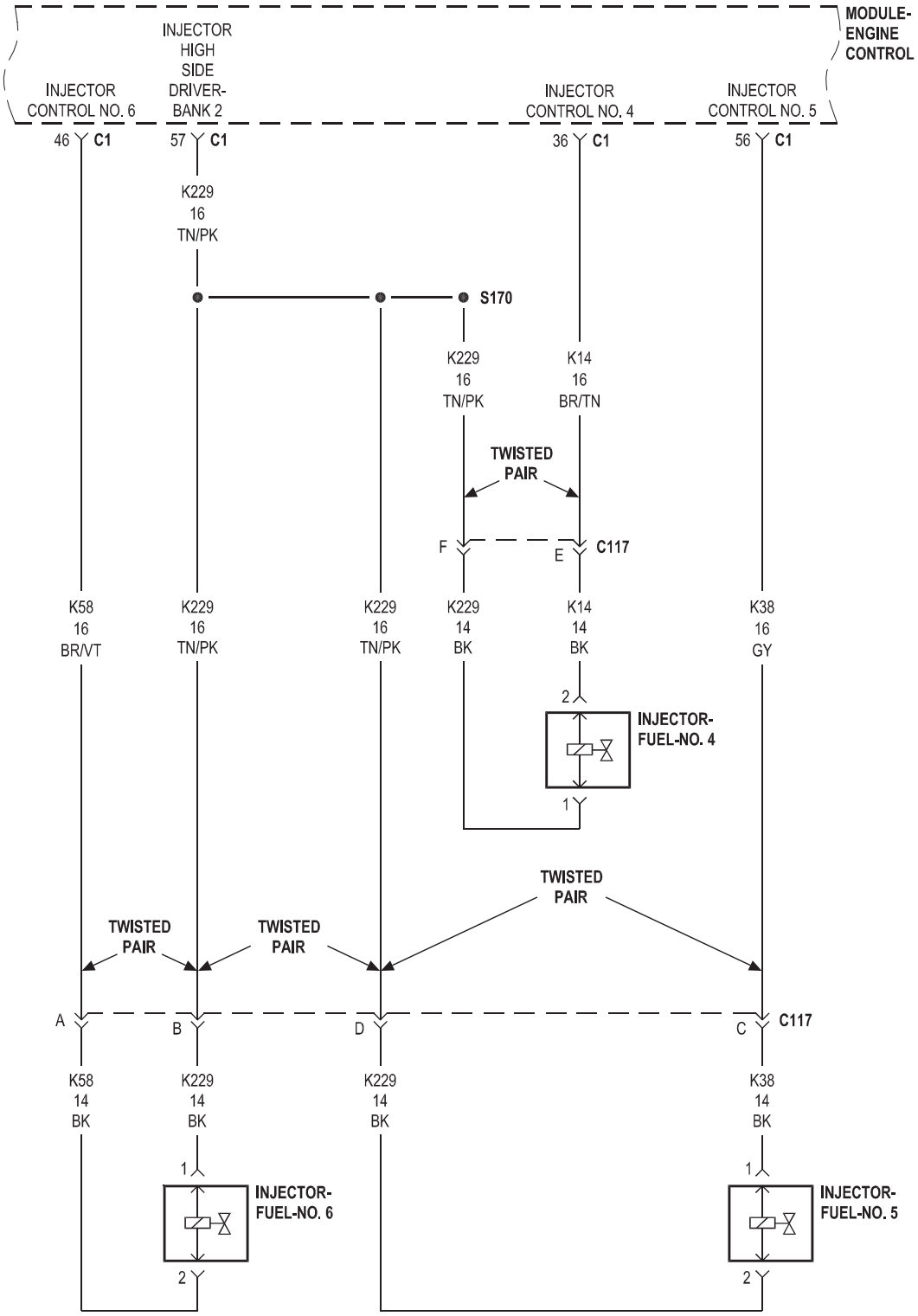

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
EGR
SOL
CONTROL
27 C2
8 C2
K900
20
DB/DG
S132
(8W-70-8)
K900
20
DB/DG
S130
(8W-70-7)
K900
20
DB/DG
K35
20
DB/VT
3
6
ASSEMBLY-EGR
VALVE
2
1
4
F856
20
YL/PK
S154
(8W-70-3)
F856
20
YL/PK
K34
20
DB/LG
Z335
20
BK/WT
27 C1
22 C2
5 VOLT
SUPPLY
EGR
SIGNAL
MODULE-
POWERTRAIN
CONTROL
G107
(8W-15-11)

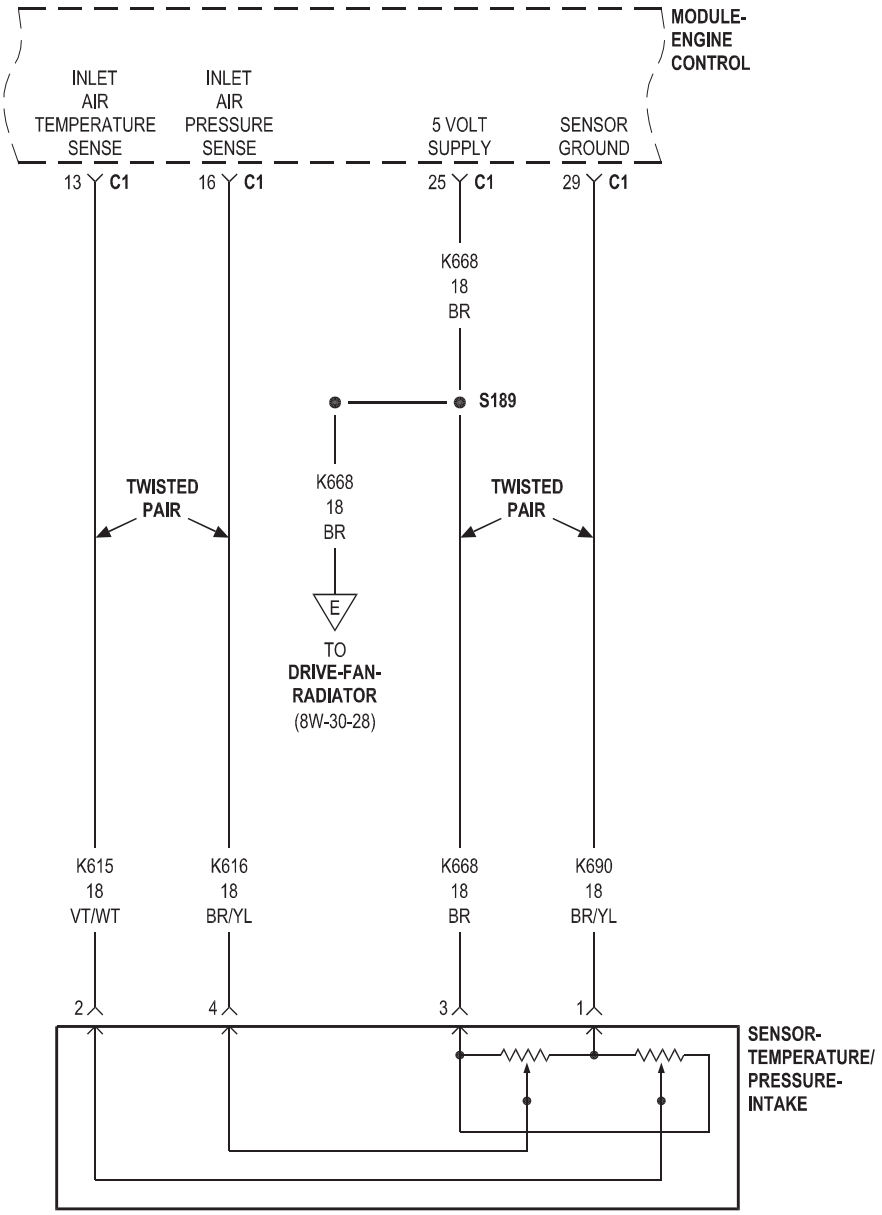

MODULE-POWERTRAIN CONTROL
S/C SWITCH NO. 2 SIGNAL
APPS NO. 2 SIGNAL
APPS NO. 2 RETURN
APPS NO. 1 SIGNAL
APPS NO. 1 RETURN
5 VOLT SUPPLY
18 C3
36 C3
17 C3
25 C3
16 C3
29 C2
F855 20 PK/YL
S150
(8W-70-2)
V38 20 VT/OR
52 C219
K29 20 WT/BR
K400 20 BR/VT
K23 20 BR/WT
K167 20 BR/YL
F855 20 PK/YL
31 C130
1
4
5
6
3 C331
2
3
5
4
6
SENSOR-ACCELERATOR PEDAL POSITION (ETC)
5 VOLT SUPPLY
1
3 C1
CLOCKSPRING
(8W-33-5)
4 C3
F856 20 YL/PK
30 C130
S154
(8W-70-3)
V38 22 VT/OR
A
S/C SWITCH NO. 2 SIGNAL
SWITCH-SPEED CONTROL-LEFT
(8W-33-5)
SWITCH-SPEED CONTROL-RIGHT
(8W-33-5)
27 C1
MODULE-POWERTRAIN CONTROL

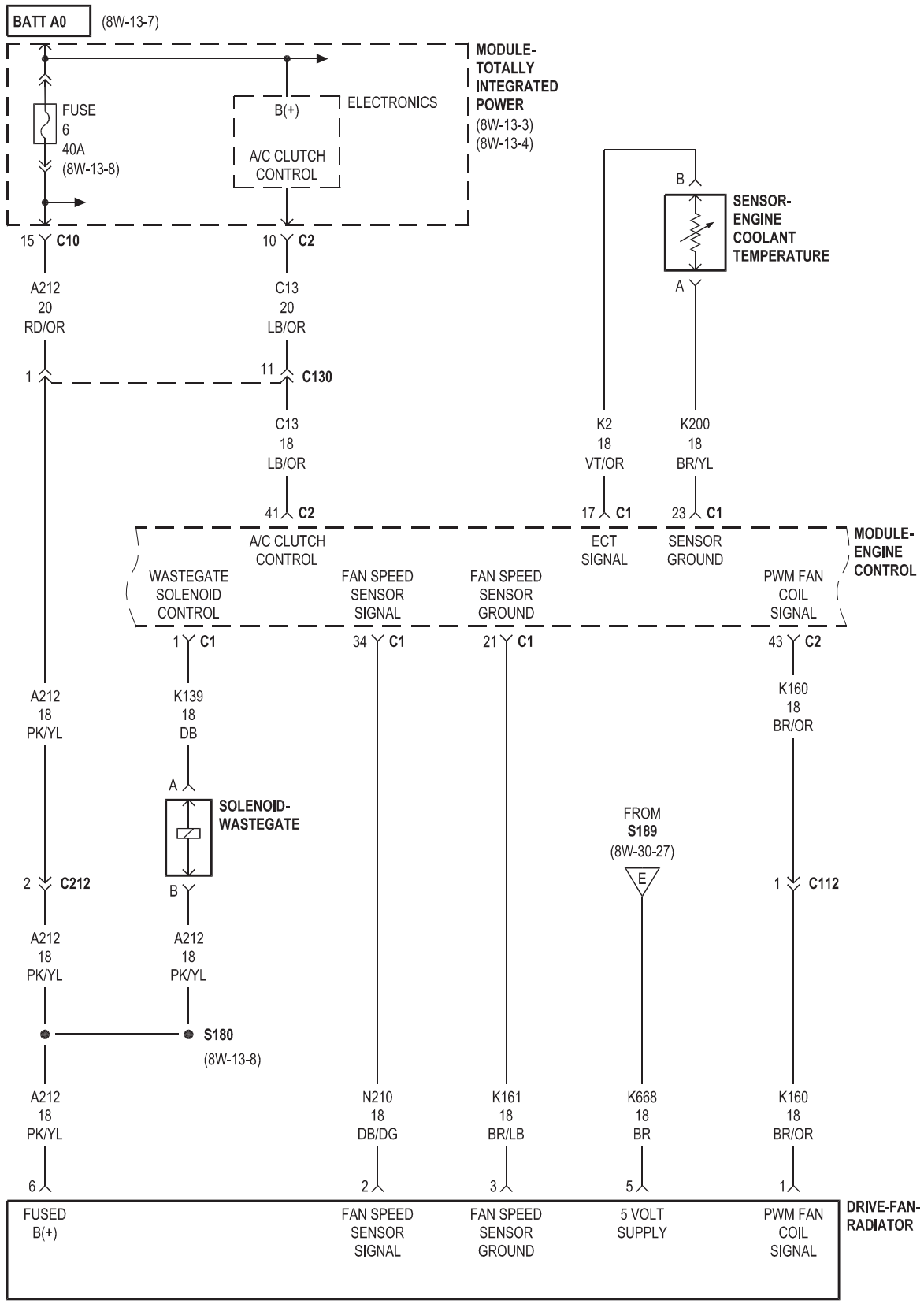

RUN-START F12
(8W-13-12)
BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
28
10A
(8W-13-13)
FUSE
42
30A
(8W-13-17)
BATTERY-
AUXILIARY
(8W-13-7)
15 C3
1 C3
F202
20
PK/GY
S136
(8W-13-13)
K900
20
DB/DG
2
SENSOR-
BATTERY
TEMPERATURE
1
S103
(8W-70-6)
F202
20
PK/GY
A209
10
RD
K25
20
DB/VT
K900
20
DB/DG
FUSIBLE
LINK
A19
12
RD/YL
(8W-13-7)
34
4
21
19 C130
A209
10
RD
S165
(8W-13-17)
S199
(8W-13-7)
F202
18
PK/GY
A209
16
RD
A209
16
RD
A209
16
RD
K25
18
DB/VT
K900
18
DB/DG
32 C2
20 C2
30 C2
40 C2
47 C2
24 C2
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSED
B(+)
FUSED
B(+)
FUSED
B(+)
BATT
TEMP
SIGNAL
SENSOR
GROUND
MODULE-
ENGINE
CONTROL
INTAKE AIR
HEATER
RELAY
CONTROL
GROUND
GROUND
GROUND
6 C2
21 C2
49 C2
50 C2
K174
18
BR/YL
Z902
16
BK
Z902
16
BK
Z902
16
BK
7 C130
S164
(8W-15-13)
A19
6
DG
K174
18
BR/YL
30
85
RELAY-
INTAKE AIR
HEATER
87
86
A58
4
BK
Z174
18
BK
Z902
10
BK
HEATER-
INTAKE AIR
G106
(8W-15-6)
G114
(8W-15-13)

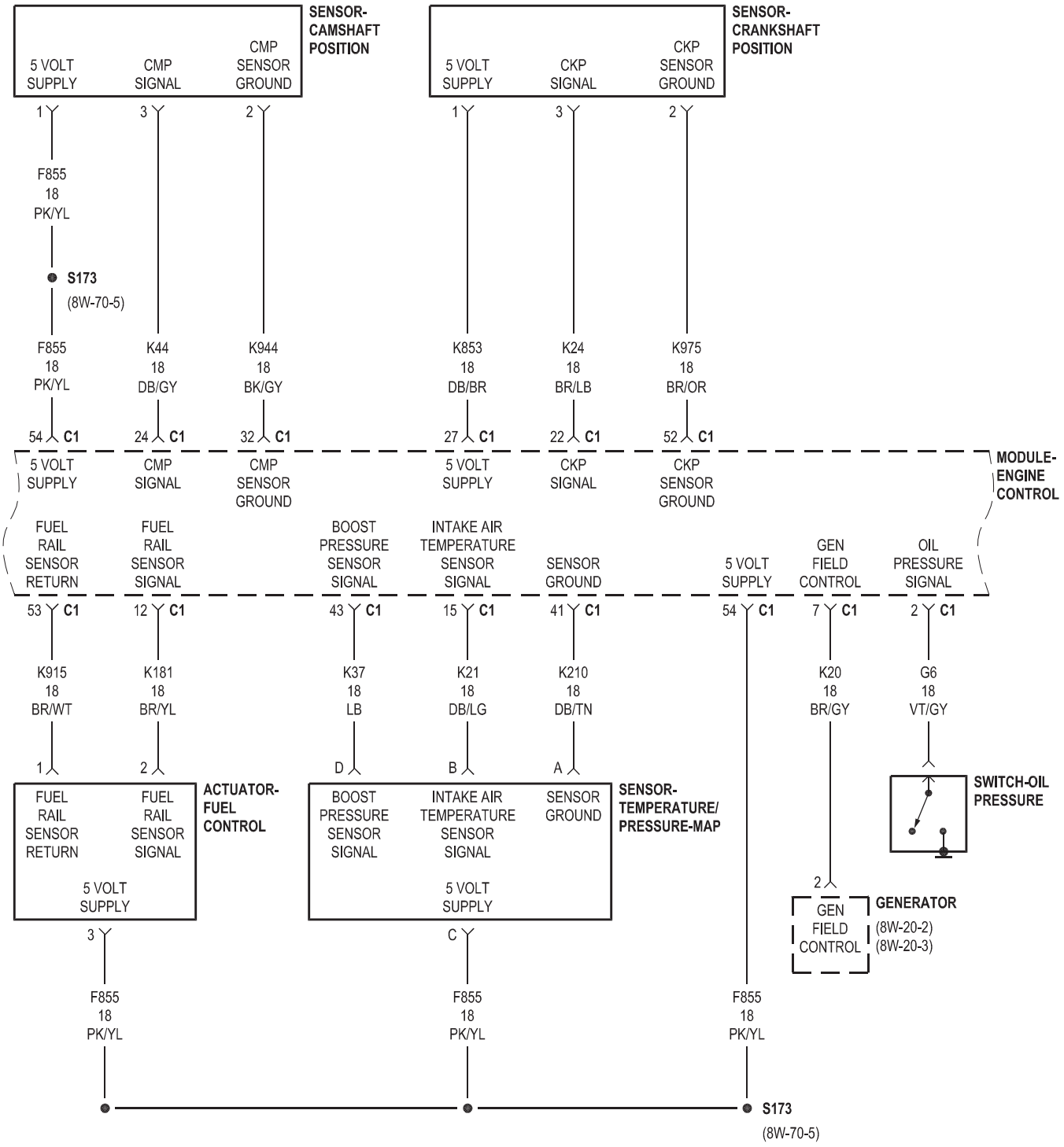

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUEL
HEATER
CONTROL
OUTPUT
FUEL
PUMP
CONTROL
OUTPUT
FUEL
PUMP
CONTROL
OUTPUT
12 C8
18 C10
4 C1
A961
12
RD
A109
16
OR/RD
K31
20
BR
B
SENSOR-
WATER
IN FUEL
17 C130
1 C135
6 C130
A
A961
14
RD
A109
14
OR/RD
K31
18
BR
G123
18
VT/LG
K923
18
BR/WT
B
HEATER-
FUEL
4
MODULE-
FUEL
PUMP
7 C2
31 C1
11 C1
MODULE-
ENGINE
CONTROL
FUEL
PUMP
CONTROL
OUTPUT
WATER
IN FUEL
SENSOR
SIGNAL
WATER
IN FUEL
SENSOR
GROUND
FUEL
PUMP
SOLENOID
RETURN
FUEL
PUMP
SOLENOID
CONTROL
A
1
3
2
6 C1
19 C1
Z902
14
BK
Z927
12
BK
N4
18
DB/WT
Z210
18
BK
K65
18
BR/LB
K604
18
BR/TN
S164
(8W-15-13)
S308
(8W-15-7)
5
4 C135
2
1
Z927
12
BK/OR
N4
20
DB/WT
Z210
20
BK
10 C135
54
53 C219
PUMP-
FUEL
INJECTION
M
Z902
10
BK
Z927
14
BK/OR
N4
20
DB/WT
Z210
20
BK
7 C4
7 C3
CLUSTER
(8W-40-3)
FUEL
LEVEL
SENSOR
SIGNAL
GROUND
G114
(8W-15-13)
G106
(8W-15-7)

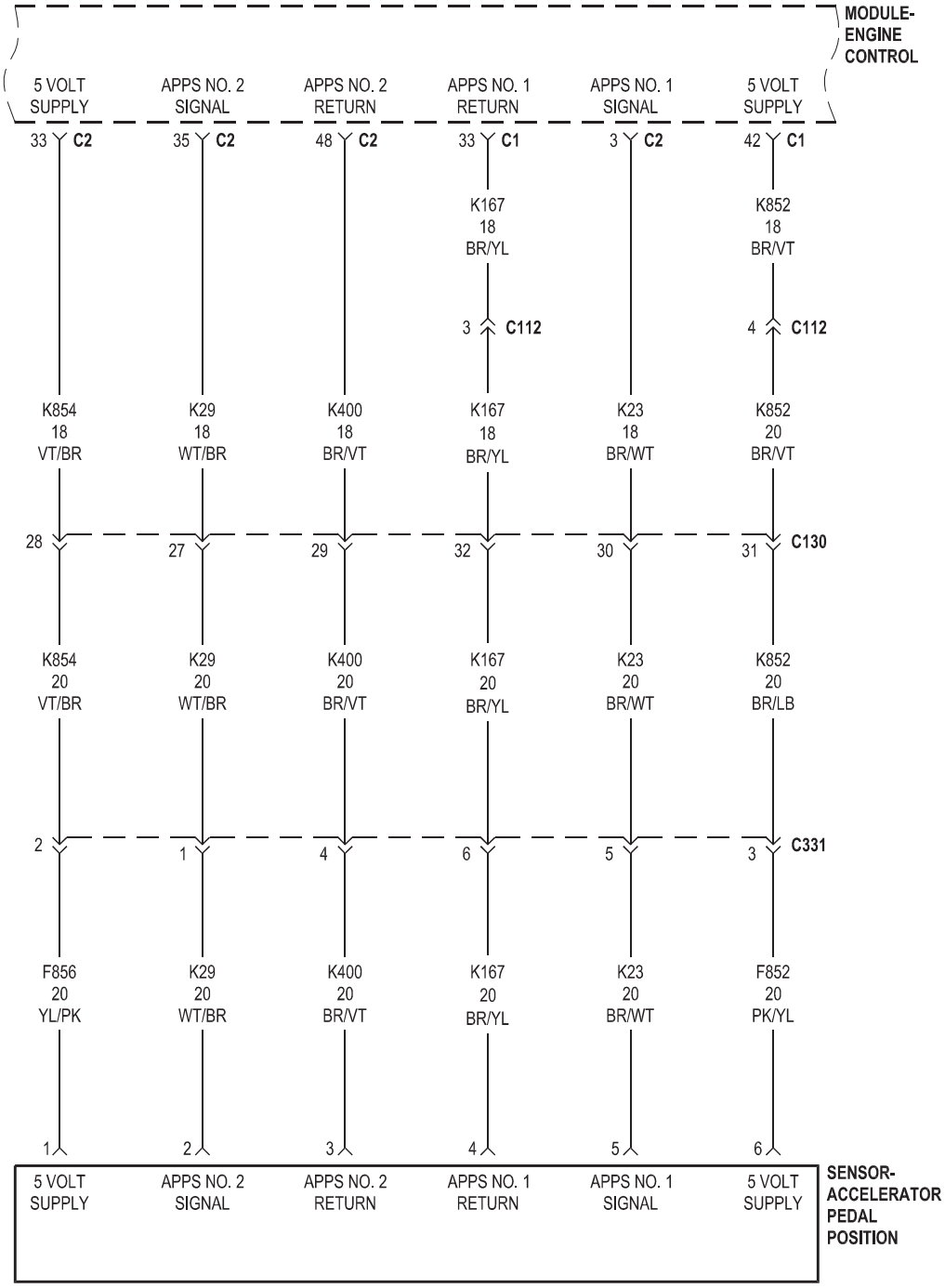

MODULE-
ENGINE
CONTROL
INJECTOR
CONTROL NO. 2
INJECTOR
HIGH
SIDE
DRIVER-
BANK 1
INJECTOR
CONTROL NO. 3
INJECTOR
CONTROL NO. 1
50 C1
59 C1
40 C1
30 C1
K13
16
TN
TWISTED
PAIR
B
A
C116
K227
16
BR/LG
K227
16
BR/LG
K227
14
BK
K13
14
BK
2
S159
INJECTOR-
FUEL-NO. 3
1
K12
16
BR/DB
K227
16
BR/LG
K227
16
BR/LG
K11
16
WT/DB
TWISTED
PAIR
TWISTED
PAIR
TWISTED
PAIR
C
D
F
E
C116
K12
14
BK
K227
14
BK
K227
14
BK
K11
14
BK
2
INJECTOR-
FUEL-NO. 2
1
2
INJECTOR-
FUEL-NO. 1
1

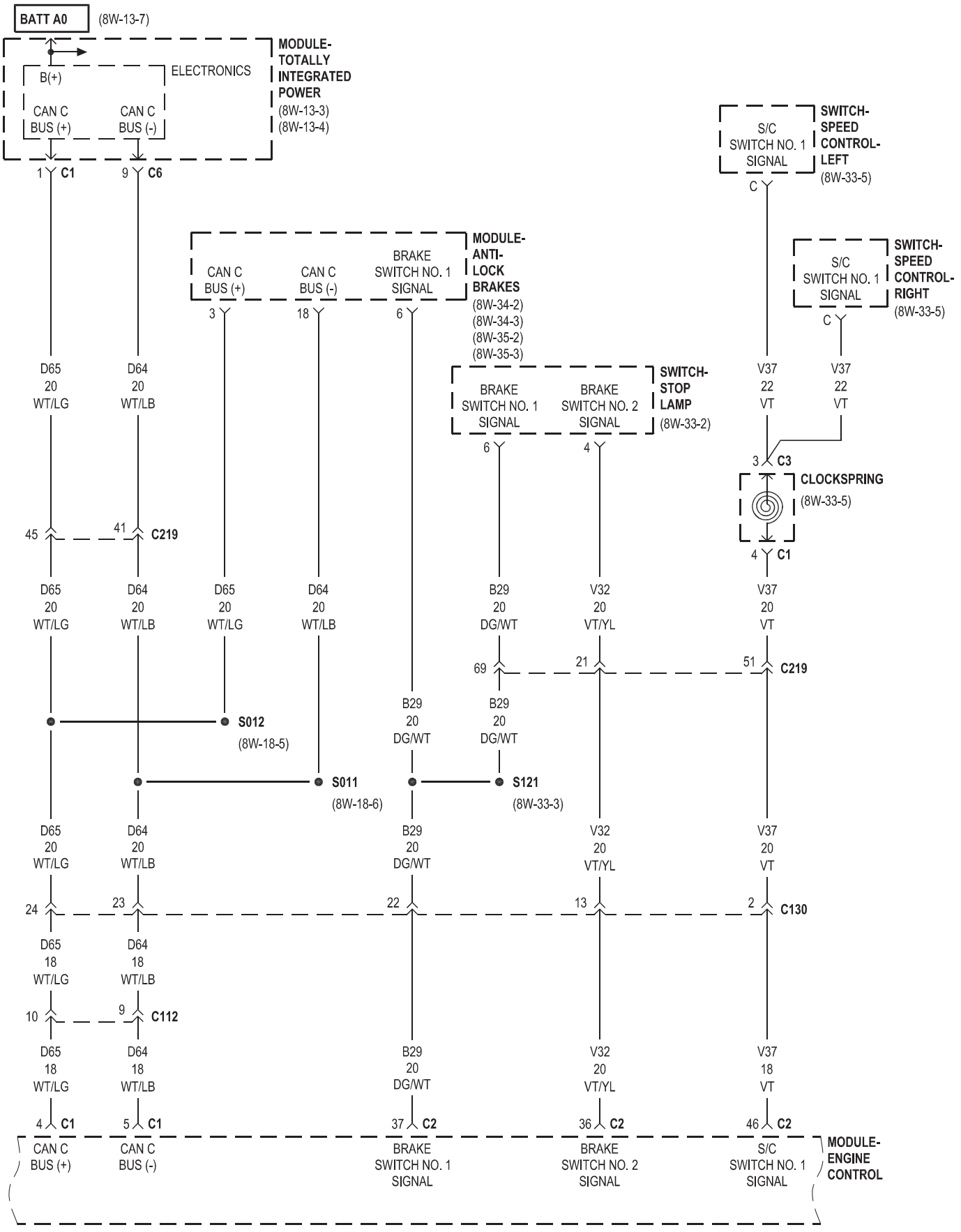

MODULE-
ENGINE
CONTROL
INJECTOR
CONTROL NO. 6
INJECTOR
HIGH
SIDE
DRIVER-
BANK 2
INJECTOR
CONTROL NO. 4
INJECTOR
CONTROL NO. 5
46 C1
57 C1
36 C1
56 C1
K229
16
TN/PK
S170
K229
16
TN/PK
K14
16
BR/TN
TWISTED
PAIR
F
E
C117
K58
16
BR/VT
K229
16
TN/PK
K229
16
TN/PK
K229
14
BK
K14
14
BK
K38
16
GY
2
INJECTOR-
FUEL-NO. 4
1
TWISTED
PAIR
TWISTED
PAIR
TWISTED
PAIR
A
B
D
C
C117
K58
14
BK
K229
14
BK
K229
14
BK
K38
14
BK
1
INJECTOR-
FUEL-NO. 6
2
1
INJECTOR-
FUEL-NO. 5
2


MODULE-
ENGINE
CONTROL
INLET
AIR
TEMPERATURE
SENSE
INLET
AIR
PRESSURE
SENSE
5 VOLT
SUPPLY
SENSOR
GROUND
13 C1
16 C1
25 C1
29 C1
K668
18
BR
S189
TWISTED
PAIR
TWISTED
PAIR
K668
18
BR
E
TO
DRIVE-FAN-
RADIATOR
(8W-30-28)
K615
18
VT/WT
K616
18
BR/YL
K668
18
BR
K690
18
BR/YL
2
4
3
1
SENSOR-
TEMPERATURE/
PRESSURE-
INTAKE


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
6
40A
(8W-13-8)
B(+)
ELECTRONICS
A/C CLUTCH
CONTROL
15 C10
10 C2
A212
20
RD/OR
C13
20
LB/OR
1
11 C130
C13
18
LB/OR
41 C2
B
SENSOR-
ENGINE
COOLANT
TEMPERATURE
A
K2
18
VT/OR
K200
18
BR/YL
17 C1
23 C1
MODULE-
ENGINE
CONTROL
A/C CLUTCH
CONTROL
WASTEGATE
SOLENOID
CONTROL
FAN SPEED
SENSOR
SIGNAL
FAN SPEED
SENSOR
GROUND
ECT
SIGNAL
SENSOR
GROUND
PWM FAN
COIL
SIGNAL
1 C1
34 C1
21 C1
43 C2
A212
18
PK/YL
K139
18
DB
K160
18
BR/OR
A
SOLENOID-
WASTEGATE
FROM
S189
(8W-30-27)
E
2 C212
B
1 C112
A212
18
PK/YL
A212
18
PK/YL
S180
(8W-13-8)
A212
18
PK/YL
N210
18
DB/DG
K161
18
BR/LB
K668
18
BR
K160
18
BR/OR
6
2
3
5
1
FUSED
B(+)
FAN SPEED
SENSOR
SIGNAL
FAN SPEED
SENSOR
GROUND
5 VOLT
SUPPLY
PWM FAN
COIL
SIGNAL
DRIVE-FAN-
RADIATOR

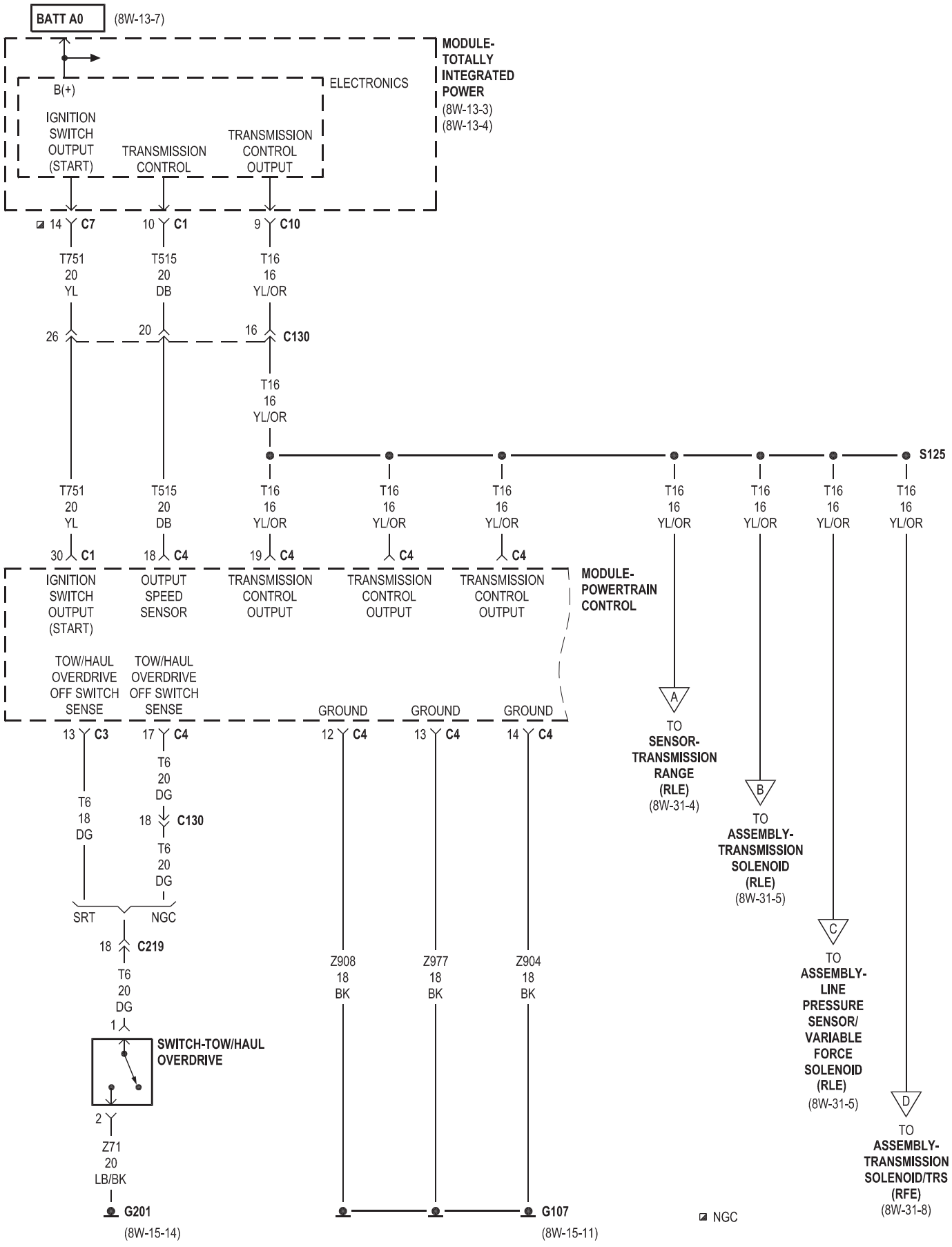

SENSOR-CAMSHAFT POSITION
5 VOLT SUPPLY
CMP SIGNAL
CMP SENSOR GROUND
1
3
2
F855 18 PK/YL
S173 (8W-70-5)
F855 18 PK/YL
K44 18 DB/GY
K944 18 BK/GY
54 C1
24 C1
32 C1
SENSOR-CRANKSHAFT POSITION
5 VOLT SUPPLY
CKP SIGNAL
CKP SENSOR GROUND
1
3
2
K853 18 DB/BR
K24 18 BR/LB
K975 18 BR/OR
27 C1
22 C1
52 C1
MODULE-ENGINE CONTROL
5 VOLT SUPPLY
CMP SIGNAL
CMP SENSOR GROUND
5 VOLT SUPPLY
CKP SIGNAL
CKP SENSOR GROUND
FUEL RAIL SENSOR RETURN
FUEL RAIL SENSOR SIGNAL
BOOST PRESSURE SENSOR SIGNAL
INTAKE AIR TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
5 VOLT SUPPLY
GEN FIELD CONTROL
OIL PRESSURE SIGNAL
53 C1
12 C1
43 C1
15 C1
41 C1
54 C1
7 C1
2 C1
K915 18 BR/WT
K181 18 BR/YL
K37 18 LB
K21 18 DB/LG
K210 18 DB/TN
K20 18 BR/GY
G6 18 VT/GY
1
2
D
B
A
ACTUATOR-FUEL CONTROL
FUEL RAIL SENSOR RETURN
FUEL RAIL SENSOR SIGNAL
5 VOLT SUPPLY
SENSOR-TEMPERATURE/PRESSURE-MAP
BOOST PRESSURE SENSOR SIGNAL
INTAKE AIR TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
5 VOLT SUPPLY
SWITCH-OIL PRESSURE
2
GENERATOR
GEN FIELD CONTROL
(8W-20-2)
(8W-20-3)
3
C
F855 18 PK/YL
F855 18 PK/YL
F855 18 PK/YL
S173 (8W-70-5)

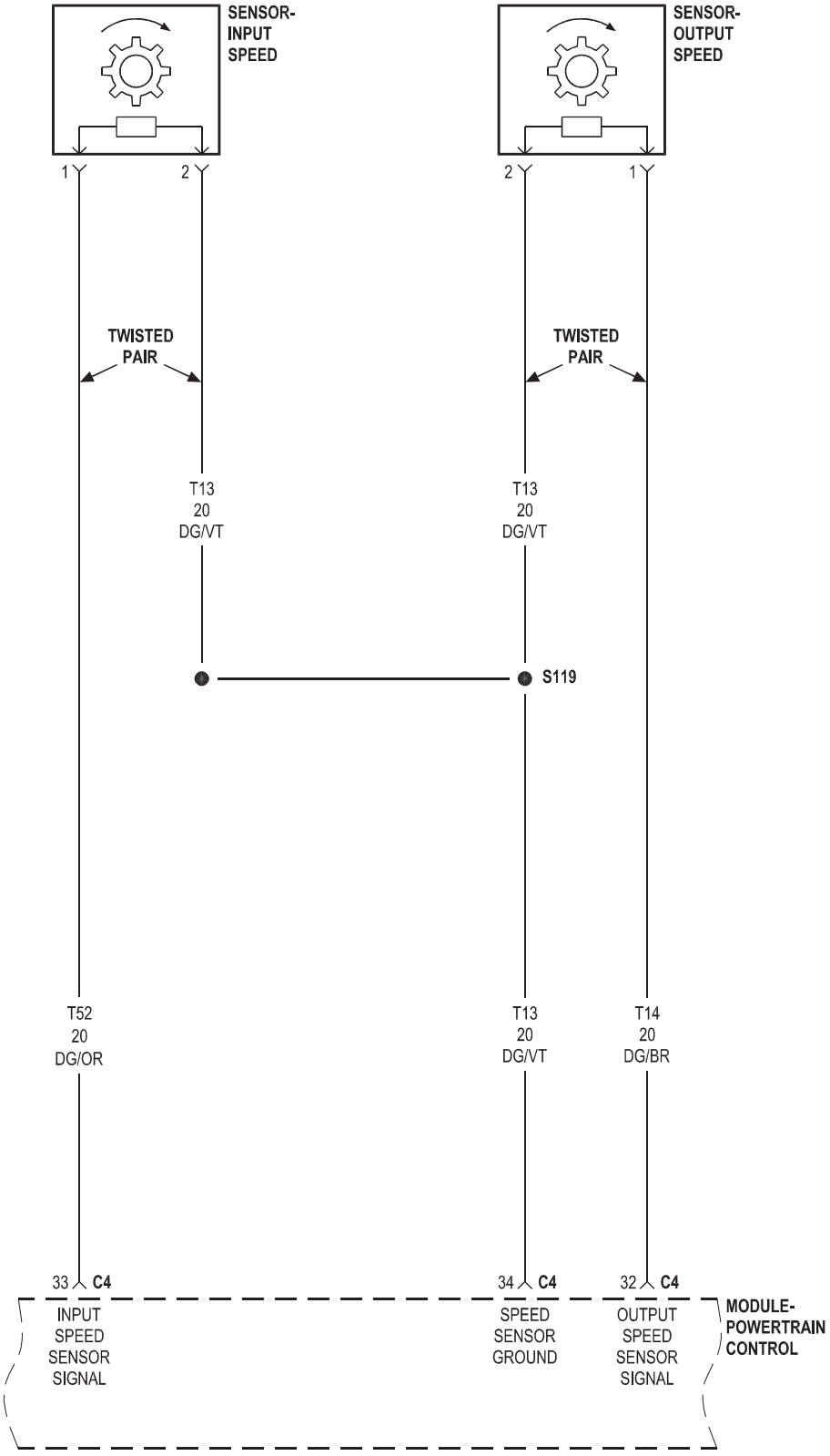

MODULE-ENGINE CONTROL
5 VOLT SUPPLY
APPS NO. 2 SIGNAL
APPS NO. 2 RETURN
APPS NO. 1 RETURN
APPS NO. 1 SIGNAL
5 VOLT SUPPLY
33 C2
35 C2
48 C2
33 C1
3 C2
42 C1
K167 18 BR/YL
K852 18 BR/VT
3 C112
4 C112
K854 18 VT/BR
K29 18 WT/BR
K400 18 BR/VT
K167 18 BR/YL
K23 18 BR/WT
K852 20 BR/VT
28
27
29
32
30
31 C130
K854 20 VT/BR
K29 20 WT/BR
K400 20 BR/VT
K167 20 BR/YL
K23 20 BR/WT
K852 20 BR/LB
2
1
4
6
5
3 C331
F856 20 YL/PK
K29 20 WT/BR
K400 20 BR/VT
K167 20 BR/YL
K23 20 BR/WT
F852 20 PK/YL
1
2
3
4
5
6
5 VOLT SUPPLY
APPS NO. 2 SIGNAL
APPS NO. 2 RETURN
APPS NO. 1 RETURN
APPS NO. 1 SIGNAL
5 VOLT SUPPLY
SENSOR-ACCELERATOR PEDAL POSITION

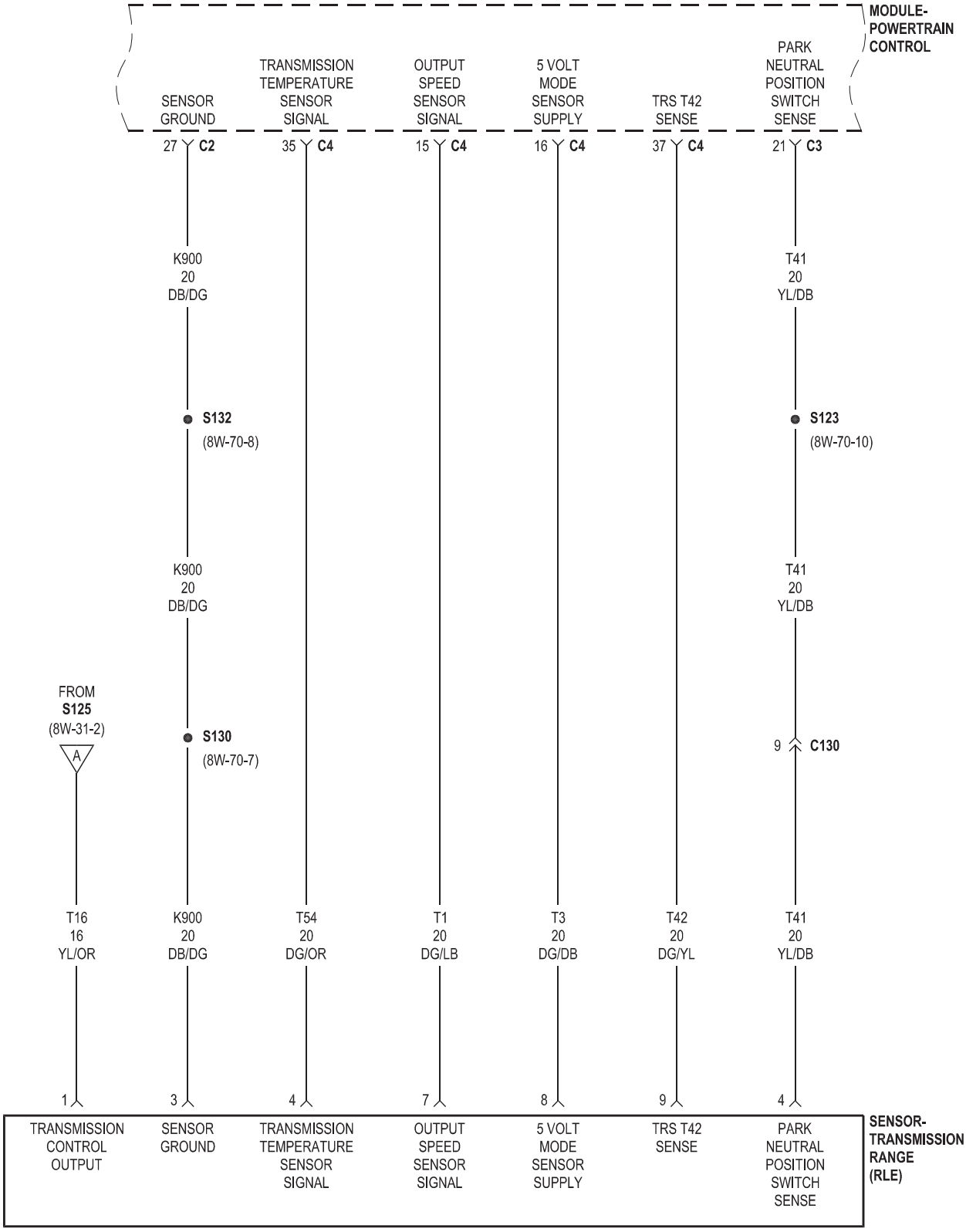

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
CAN C BUS (+)
CAN C BUS (-)
1 C1
9 C6
MODULE-ANTI-LOCK BRAKES
(8W-34-2)
(8W-34-3)
(8W-35-2)
(8W-35-3)
CAN C BUS (+)
CAN C BUS (-)
BRAKE SWITCH NO. 1 SIGNAL
3
18
6
SWITCH-STOP LAMP
(8W-33-2)
BRAKE SWITCH NO. 1 SIGNAL
BRAKE SWITCH NO. 2 SIGNAL
6
4
SWITCH-SPEED CONTROL-LEFT
(8W-33-5)
S/C SWITCH NO. 1 SIGNAL
C
SWITCH-SPEED CONTROL-RIGHT
(8W-33-5)
S/C SWITCH NO. 1 SIGNAL
C
CLOCKSPRING
(8W-33-5)
3 C3
4 C1
D65 20 WT/LG
D64 20 WT/LB
V37 22 VT
V37 22 VT
45
41 C219
D65 20 WT/LG
D64 20 WT/LB
D65 20 WT/LG
D64 20 WT/LB
B29 20 DG/WT
V32 20 VT/YL
V37 20 VT
69
21
51 C219
S012
(8W-18-5)
B29 20 DG/WT
B29 20 DG/WT
S011
(8W-18-6)
S121
(8W-33-3)
D65 20 WT/LG
D64 20 WT/LB
B29 20 DG/WT
V32 20 VT/YL
V37 20 VT
24
23
22
13
2 C130
D65 18 WT/LG
D64 18 WT/LB
10
9 C112
D65 18 WT/LG
D64 18 WT/LB
B29 20 DG/WT
V32 20 VT/YL
V37 18 VT
4 C1
5 C1
37 C2
36 C2
46 C2
CAN C BUS (+)
CAN C BUS (-)
BRAKE SWITCH NO. 1 SIGNAL
BRAKE SWITCH NO. 2 SIGNAL
S/C SWITCH NO. 1 SIGNAL
MODULE-ENGINE CONTROL

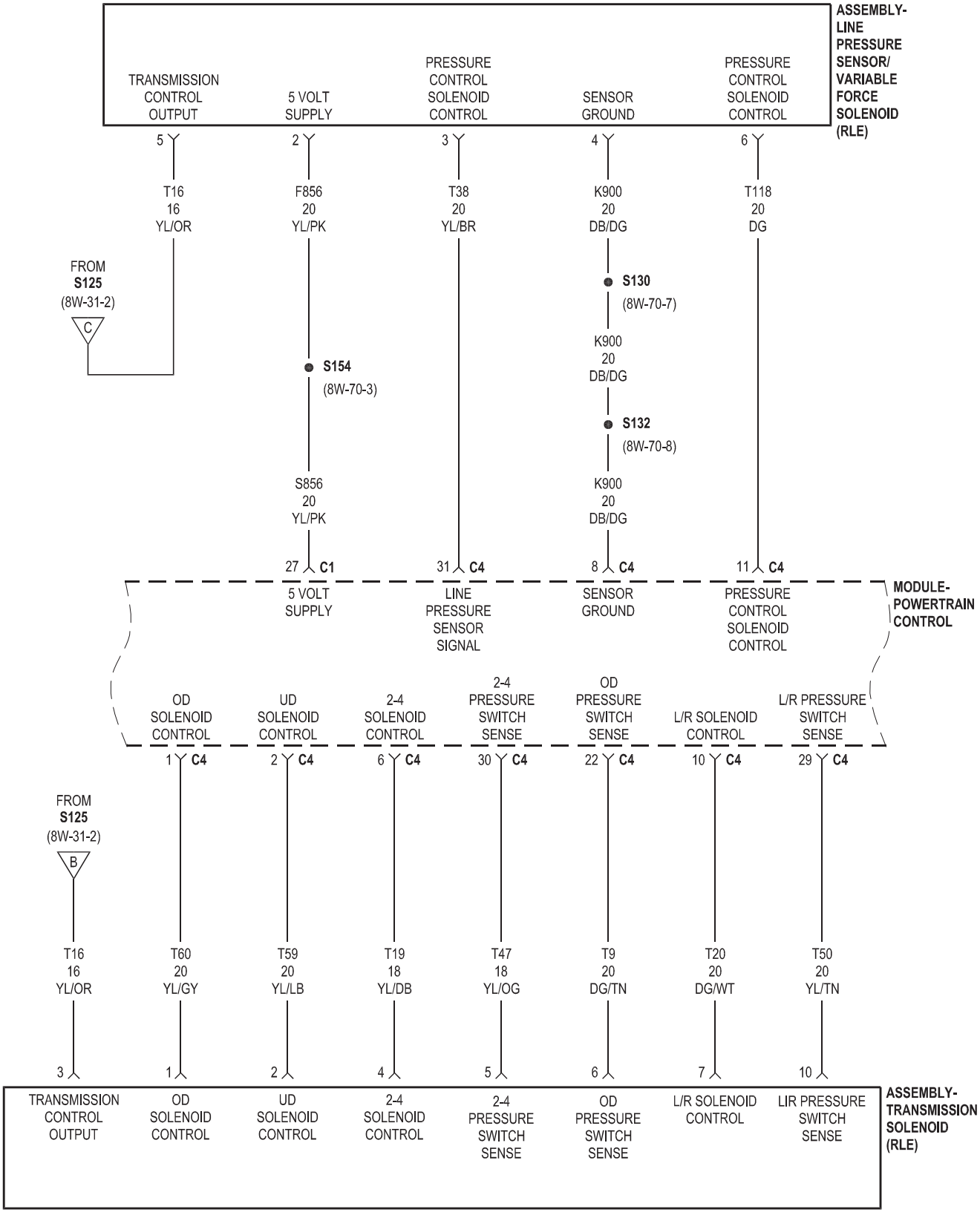
# 8W-31 TRANSMISSION CONTROL SYSTEM

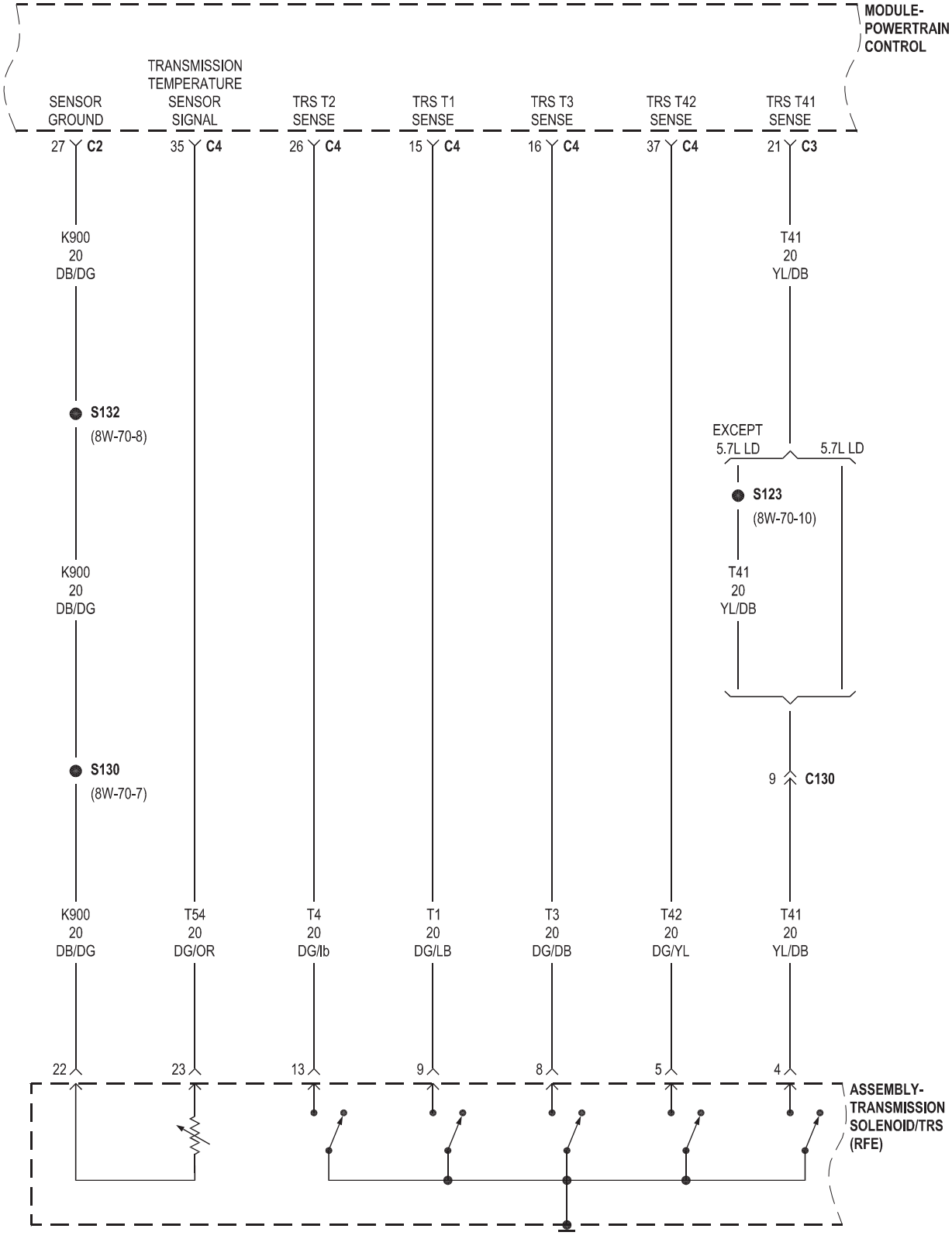

| Component | Page |
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| Assembly-Transmission Solenoid | 8W-31-2, 5, 12, 14, 15 |
| Assembly-Transmission Solenoid/TRS | 8W-31-2, 6, 7, 8 |
| Assembly-Transmission Throttle Valve | 8W-31-14, 15 |
| Clockspring | 8W-31-15 |
| Cluster | 8W-31-9, 13, 16, 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 |

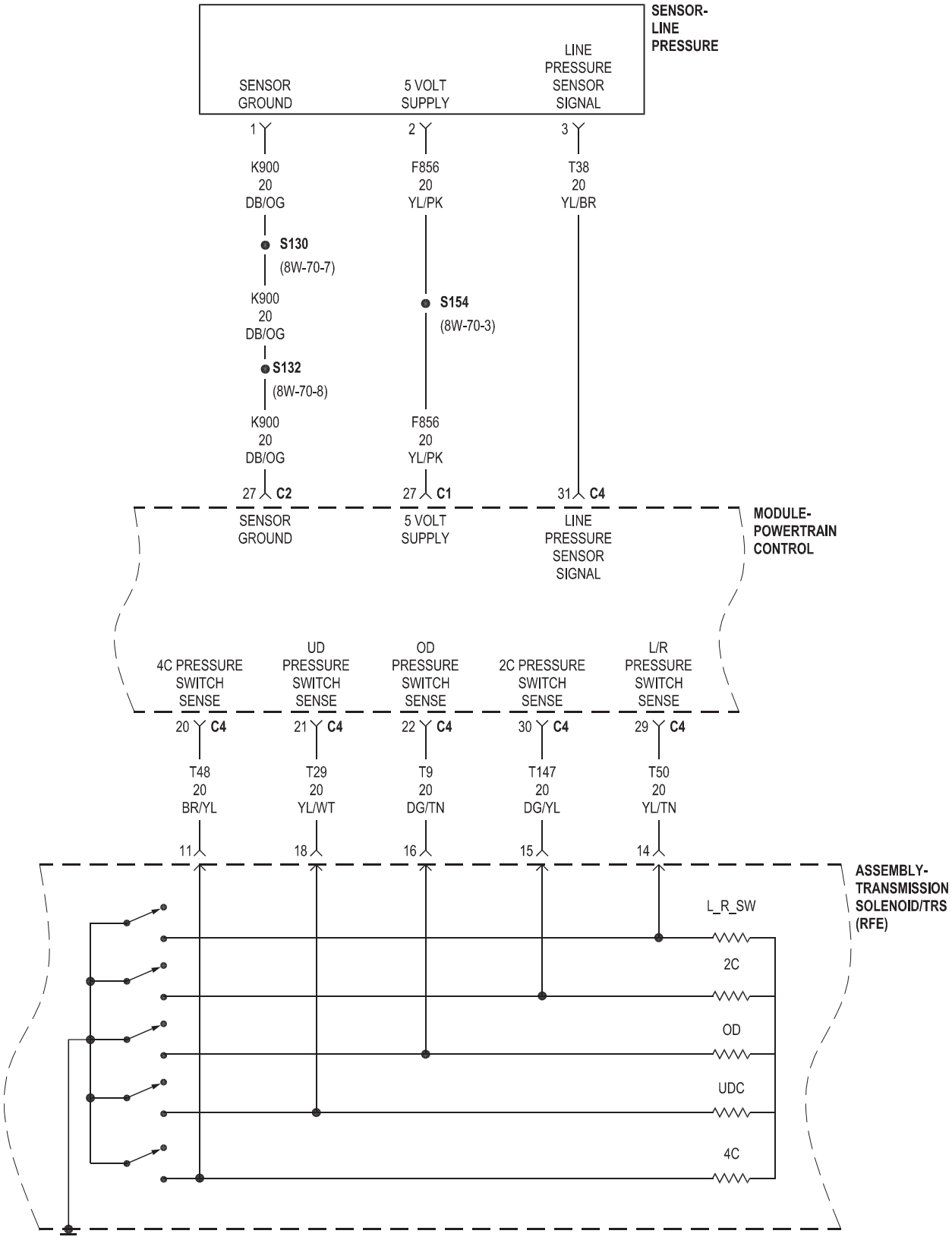

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
IGNITION
SWITCH
OUTPUT
(START)
TRANSMISSION
CONTROL
TRANSMISSION
CONTROL
OUTPUT
14 C7
10 C1
9 C10
T751
20
YL
T515
20
DB
T16
16
YL/OR
26
20
16 C130
T16
16
YL/OR
S125
30 C1
18 C4
19 C4
IGNITION
SWITCH
OUTPUT
(START)
OUTPUT
SPEED
SENSOR
TRANSMISSION
CONTROL
OUTPUT
MODULE-
POWERTRAIN
CONTROL
TOW/HAUL
OVERDRIVE
OFF SWITCH
SENSE
GROUND
13 C3
17 C4
12 C4
13 C4
14 C4
T6
18
DG
T6
20
DG
18 C130
SRT
NGC
18 C219
1
SWITCH-TOW/HAUL
OVERDRIVE
2
Z71
20
LB/BK
G201
(8W-15-14)
Z908
18
BK
Z977
18
BK
Z904
18
BK
G107
(8W-15-11)
A
TO
SENSOR-
TRANSMISSION
RANGE
(RLE)
(8W-31-4)
B
TO
ASSEMBLY-
TRANSMISSION
SOLENOID
(RLE)
(8W-31-5)
C
TO
ASSEMBLY-
LINE
PRESSURE
SENSOR/
VARIABLE
FORCE
SOLENOID
(RLE)
(8W-31-5)
D
TO
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
(8W-31-8)
NGC

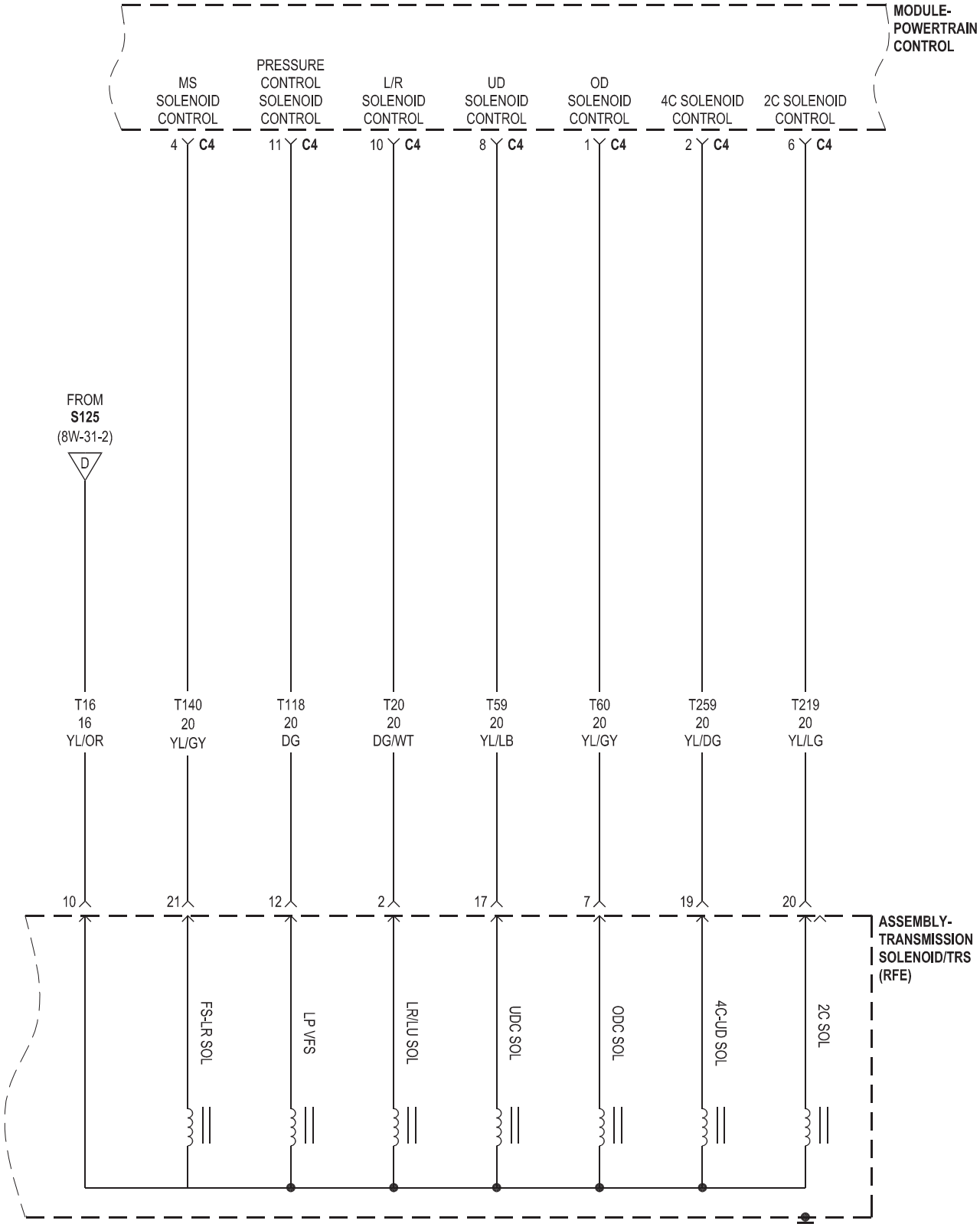

SENSOR-
INPUT
SPEED
SENSOR-
OUTPUT
SPEED
1
2
2
1
TWISTED
PAIR
TWISTED
PAIR
T13
20
DG/VT
T13
20
DG/VT
S119
T52
20
DG/OR
T13
20
DG/VT
T14
20
DG/BR
33 C4
34 C4
32 C4
INPUT
SPEED
SENSOR
SIGNAL
SPEED
SENSOR
GROUND
OUTPUT
SPEED
SENSOR
SIGNAL
MODULE-
POWERTRAIN
CONTROL

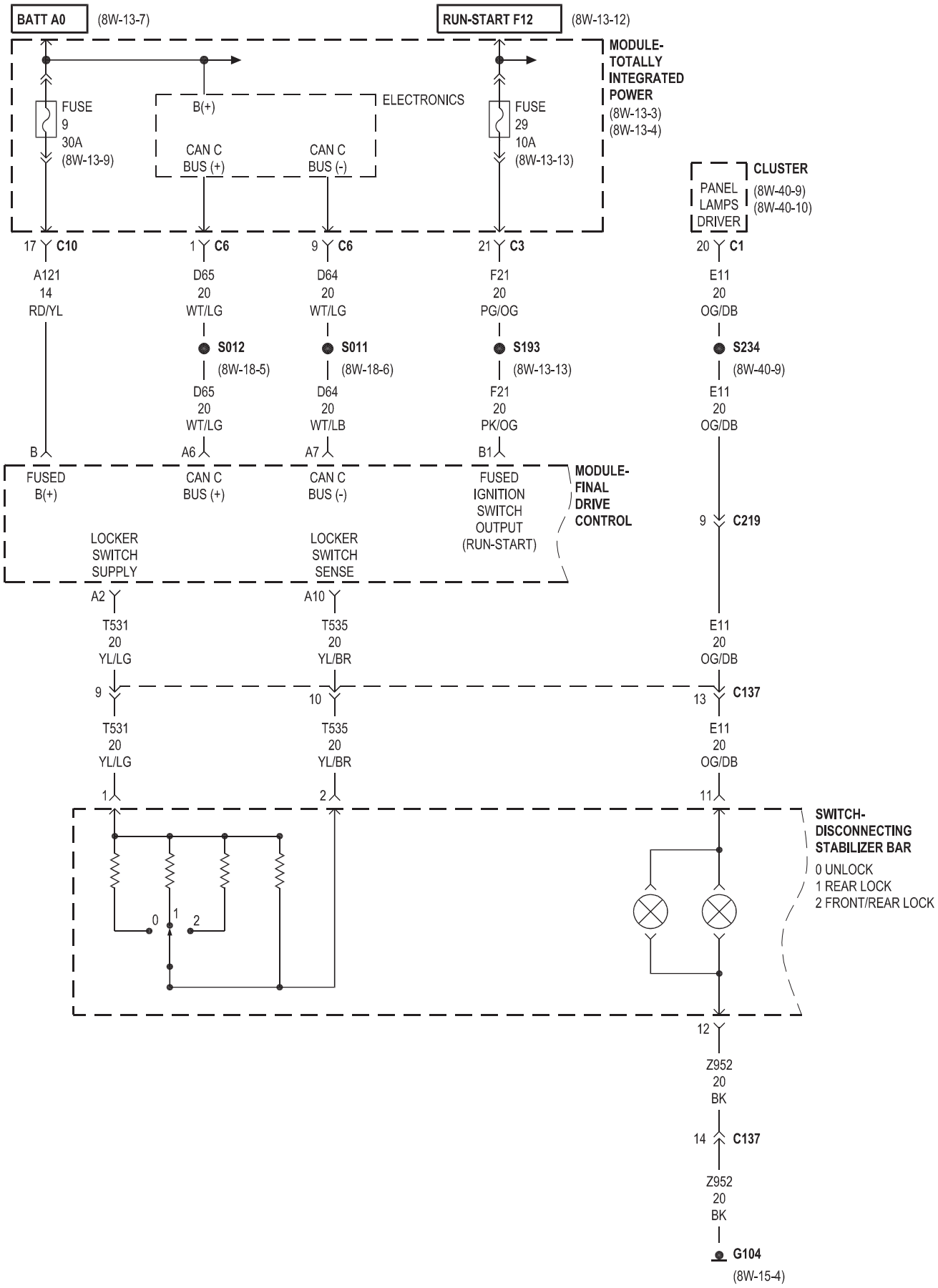

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
OUTPUT
SPEED
SENSOR
SIGNAL
5 VOLT
MODE
SENSOR
SUPPLY
TRS T42
SENSE
PARK
NEUTRAL
POSITION
SWITCH
SENSE
27 C2
35 C4
15 C4
16 C4
37 C4
21 C3
K900
20
DB/DG
T41
20
YL/DB
S132
(8W-70-8)
S123
(8W-70-10)
K900
20
DB/DG
T41
20
YL/DB
FROM
S125
(8W-31-2)
A
S130
(8W-70-7)
9 C130
T16
16
YL/OR
K900
20
DB/DG
T54
20
DG/OR
T1
20
DG/LB
T3
20
DG/DB
T42
20
DG/YL
T41
20
YL/DB
1
3
4
7
8
9
4
TRANSMISSION
CONTROL
OUTPUT
SENSOR
GROUND
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
OUTPUT
SPEED
SENSOR
SIGNAL
5 VOLT
MODE
SENSOR
SUPPLY
TRS T42
SENSE
PARK
NEUTRAL
POSITION
SWITCH
SENSE
SENSOR-
TRANSMISSION
RANGE
(RLE)

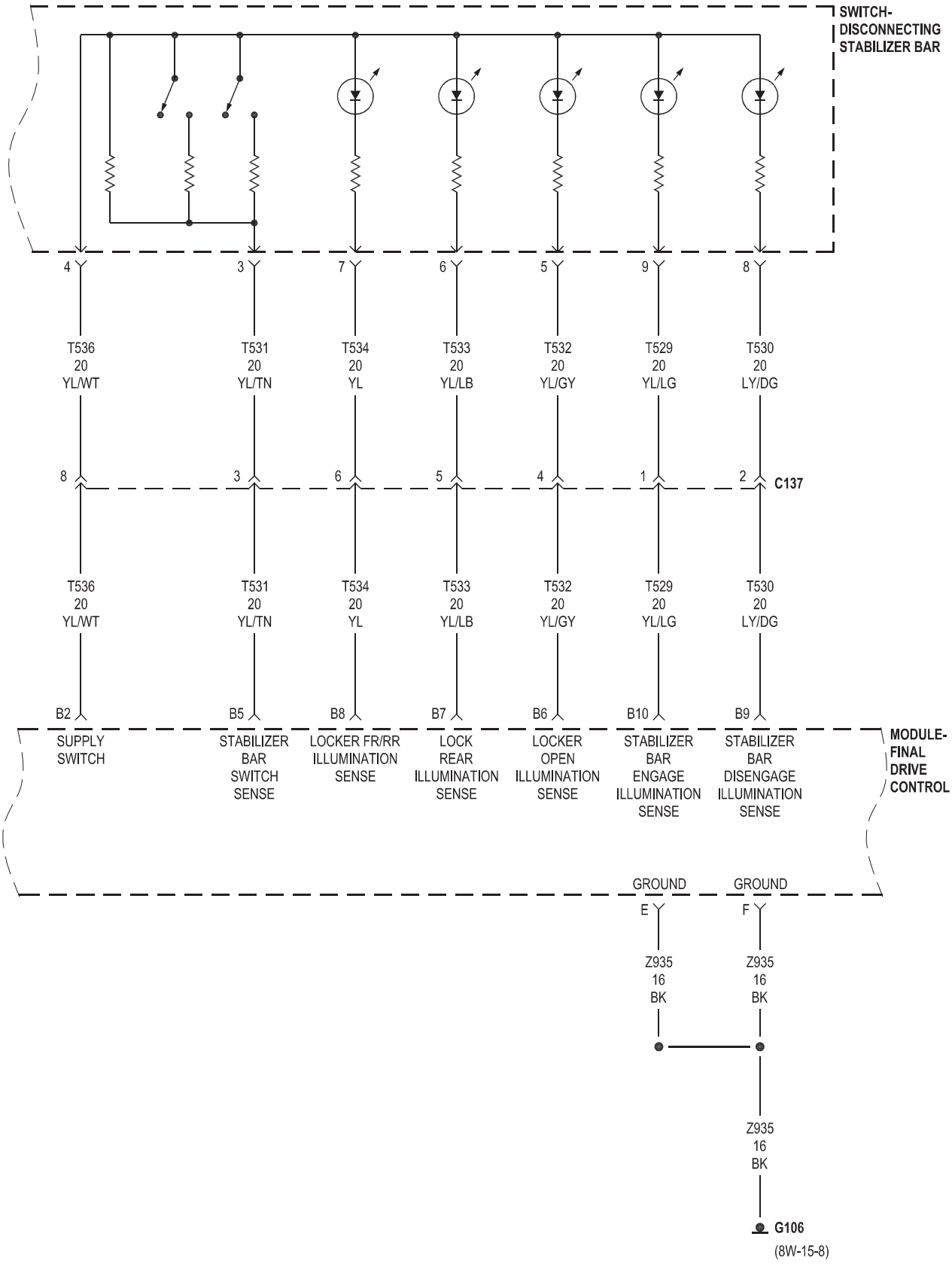

ASSEMBLY-LINE PRESSURE SENSOR/ VARIABLE FORCE SOLENOID (RLE)
TRANSMISSION CONTROL OUTPUT
5 VOLT SUPPLY
PRESSURE CONTROL SOLENOID CONTROL
SENSOR GROUND
PRESSURE CONTROL SOLENOID CONTROL
5
2
3
4
6
T16 16 YL/OR
F856 20 YL/PK
T38 20 YL/BR
K900 20 DB/DG
T118 20 DG
FROM S125 (8W-31-2)
C
S130
(8W-70-7)
K900 20 DB/DG
S154
(8W-70-3)
S132
(8W-70-8)
S856 20 YL/PK
K900 20 DB/DG
27 C1
31 C4
8 C4
11 C4
5 VOLT SUPPLY
LINE PRESSURE SENSOR SIGNAL
SENSOR GROUND
PRESSURE CONTROL SOLENOID CONTROL
MODULE-POWERTRAIN CONTROL
OD SOLENOID CONTROL
UD SOLENOID CONTROL
2-4 SOLENOID CONTROL
2-4 PRESSURE SWITCH SENSE
OD PRESSURE SWITCH SENSE
L/R SOLENOID CONTROL
L/R PRESSURE SWITCH SENSE
1 C4
2 C4
6 C4
30 C4
22 C4
10 C4
29 C4
FROM S125 (8W-31-2)
B
T16 16 YL/OR
T60 20 YL/GY
T59 20 YL/LB
T19 18 YL/DB
T47 18 YL/OG
T9 20 DG/TN
T20 20 DG/WT
T50 20 YL/TN
3
1
2
4
5
6
7
10
TRANSMISSION CONTROL OUTPUT
OD SOLENOID CONTROL
UD SOLENOID CONTROL
2-4 SOLENOID CONTROL
2-4 PRESSURE SWITCH SENSE
OD PRESSURE SWITCH SENSE
L/R SOLENOID CONTROL
LIR PRESSURE SWITCH SENSE
ASSEMBLY-TRANSMISSION SOLENOID (RLE)

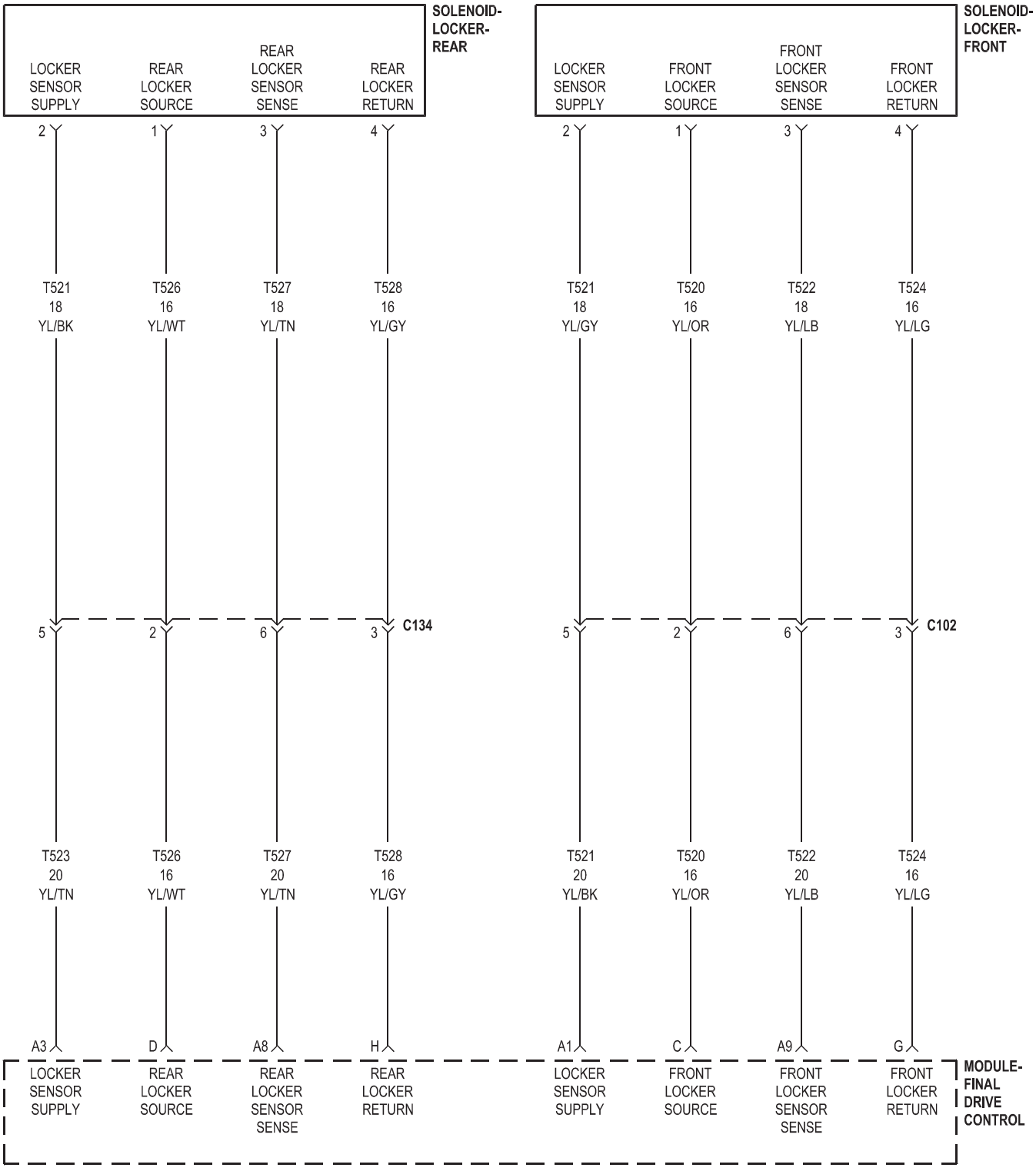

MODULE-
POWERTRAIN
CONTROL
SENSOR
GROUND
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
TRS T2
SENSE
TRS T1
SENSE
TRS T3
SENSE
TRS T42
SENSE
TRS T41
SENSE
27 C2
35 C4
26 C4
15 C4
16 C4
37 C4
21 C3
K900
20
DB/DG
T41
20
YL/DB
S132
(8W-70-8)
EXCEPT
5.7L LD
5.7L LD
S123
(8W-70-10)
K900
20
DB/DG
T41
20
YL/DB
S130
(8W-70-7)
9 C130
K900
20
DB/DG
T54
20
DG/OR
T4
20
DG/lb
T1
20
DG/LB
T3
20
DG/DB
T42
20
DG/YL
T41
20
YL/DB
22
23
13
9
8
5
4
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)

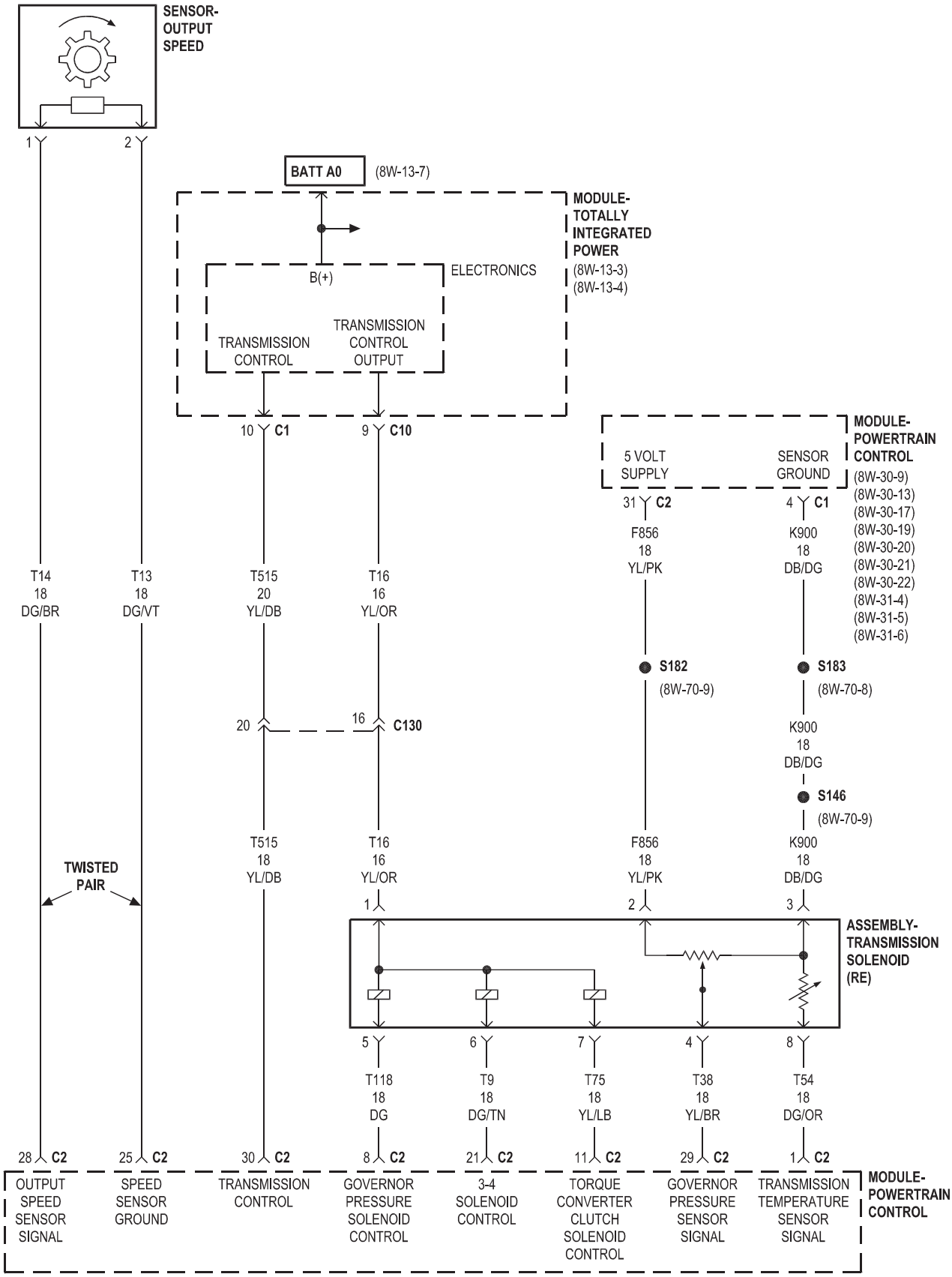

SENSOR-
LINE
PRESSURE
SENSOR GROUND
5 VOLT SUPPLY
LINE PRESSURE SENSOR SIGNAL
1
2
3
K900
20
DB/OG
F856
20
YL/PK
T38
20
YL/BR
S130
(8W-70-7)
K900
20
DB/OG
S154
(8W-70-3)
S132
(8W-70-8)
K900
20
DB/OG
F856
20
YL/PK
27 C2
27 C1
31 C4
SENSOR GROUND
5 VOLT SUPPLY
LINE PRESSURE SENSOR SIGNAL
MODULE-
POWERTRAIN
CONTROL
4C PRESSURE SWITCH SENSE
UD PRESSURE SWITCH SENSE
OD PRESSURE SWITCH SENSE
2C PRESSURE SWITCH SENSE
L/R PRESSURE SWITCH SENSE
20 C4
21 C4
22 C4
30 C4
29 C4
T48
20
BR/YL
T29
20
YL/WT
T9
20
DG/TN
T147
20
DG/YL
T50
20
YL/TN
11
18
16
15
14
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
L_R_SW
2C
OD
UDC
4C

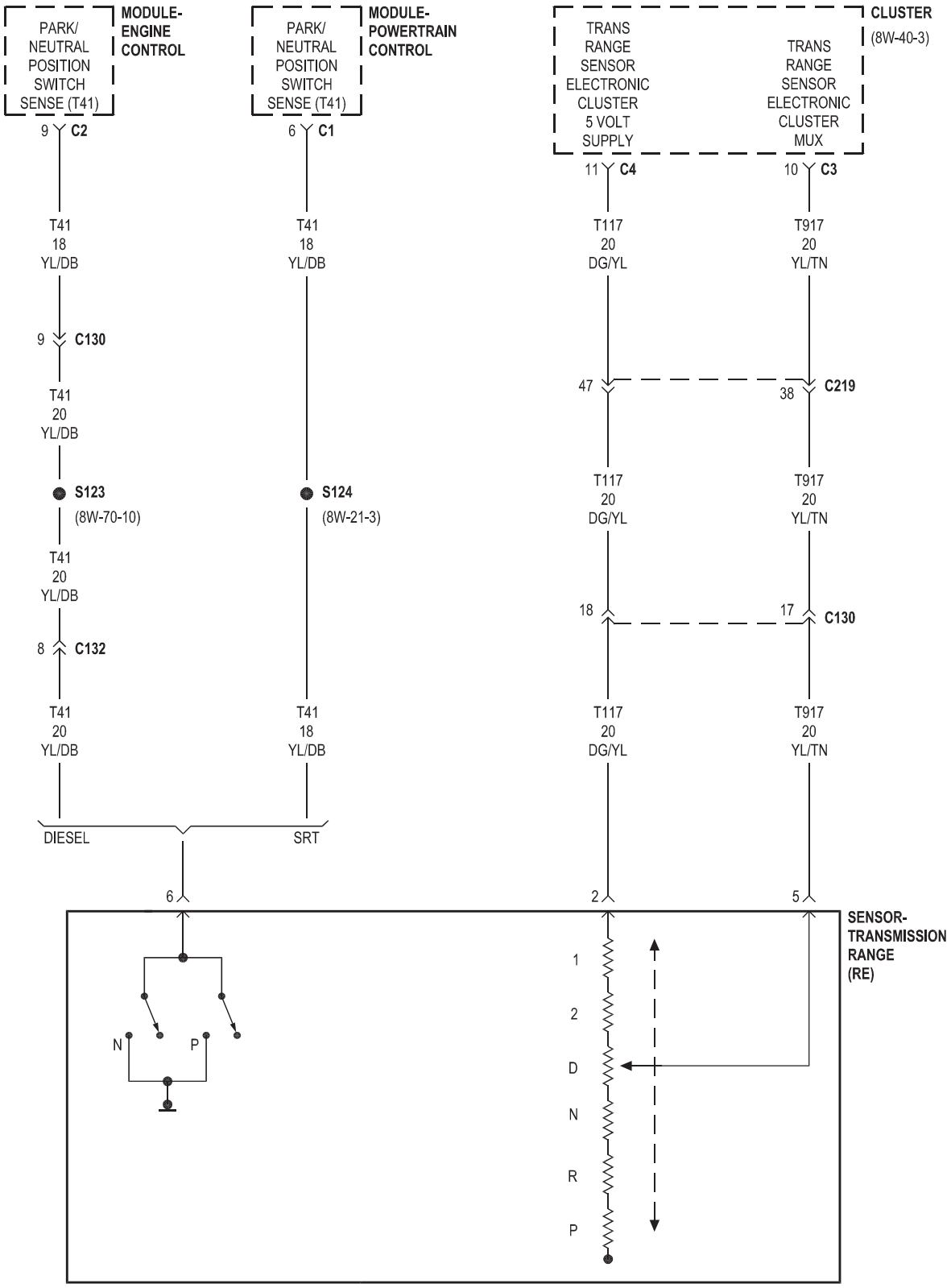

MODULE-
POWERTRAIN
CONTROL
MS
SOLENOID
CONTROL
PRESSURE
CONTROL
SOLENOID
CONTROL
L/R
SOLENOID
CONTROL
UD
SOLENOID
CONTROL
OD
SOLENOID
CONTROL
4C SOLENOID
CONTROL
2C SOLENOID
CONTROL
4 C4
11 C4
10 C4
8 C4
1 C4
2 C4
6 C4
FROM
S125
(8W-31-2)
D
T16
16
YL/OR
T140
20
YL/GY
T118
20
DG
T20
20
DG/WT
T59
20
YL/LB
T60
20
YL/GY
T259
20
YL/DG
T219
20
YL/LG
10
21
12
2
17
7
19
20
ASSEMBLY-
TRANSMISSION
SOLENOID/TRS
(RFE)
FS-LR SOL
LP VFS
LR/LU SOL
UDC SOL
ODC SOL
4C-UD SOL
2C SOL

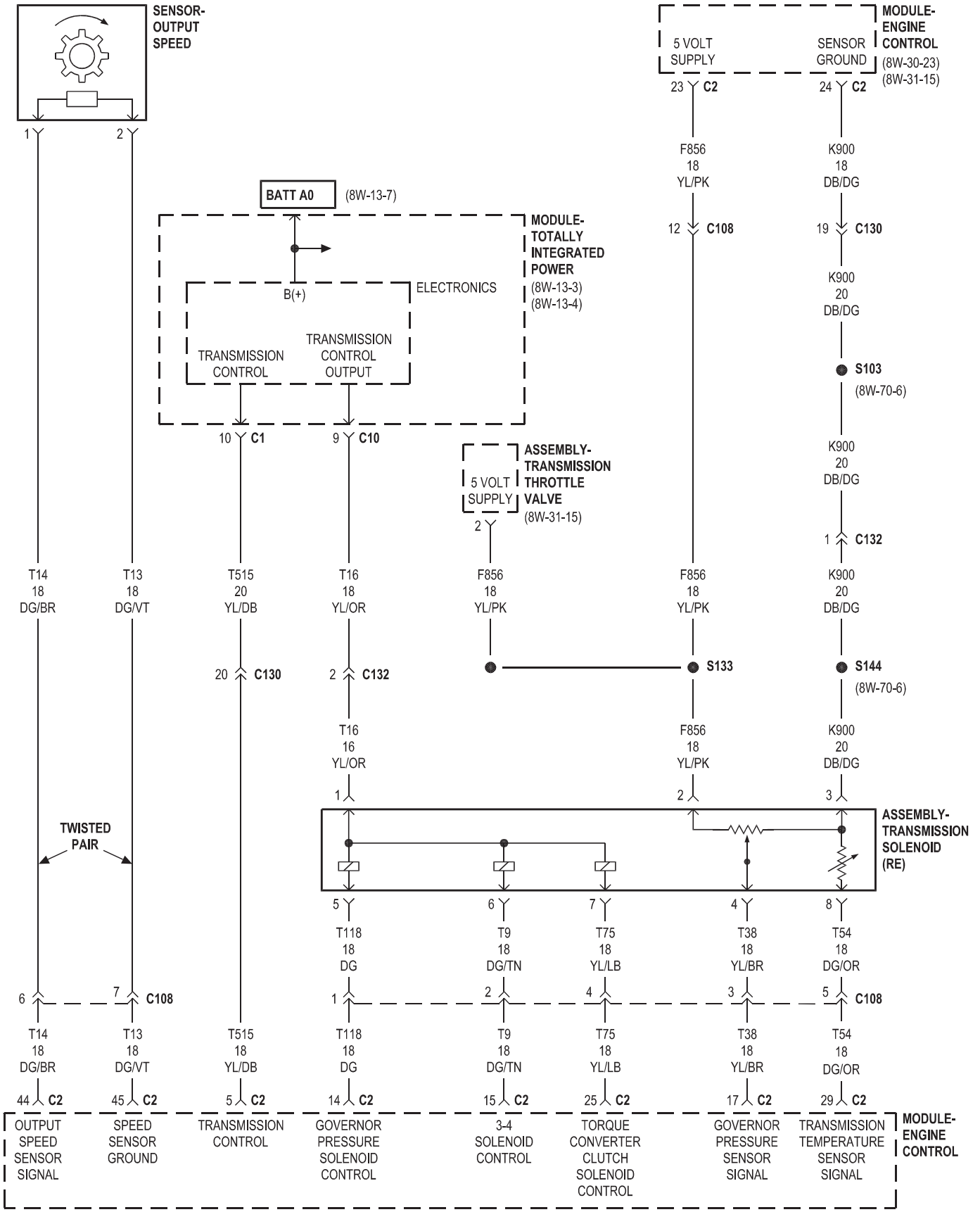

BATT A0
(8W-13-7)
RUN-START F12
(8W-13-12)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
9
30A
(8W-13-9)
B(+)
ELECTRONICS
CAN C
BUS (+)
CAN C
BUS (-)
FUSE
29
10A
(8W-13-13)
CLUSTER
PANEL
LAMPS
DRIVER
(8W-40-9)
(8W-40-10)
17 C10
A121
14
RD/YL
1 C6
D65
20
WT/LG
9 C6
D64
20
WT/LG
21 C3
F21
20
PG/OG
20 C1
E11
20
OG/DB
S012
(8W-18-5)
S011
(8W-18-6)
S193
(8W-13-13)
S234
(8W-40-9)
D65
20
WT/LG
D64
20
WT/LB
F21
20
PK/OG
E11
20
OG/DB
B
A6
A7
B1
FUSED
B(+)
CAN C
BUS (+)
CAN C
BUS (-)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
MODULE-
FINAL
DRIVE
CONTROL
LOCKER
SWITCH
SUPPLY
LOCKER
SWITCH
SENSE
9 C219
A2
A10
T531
20
YL/LG
T535
20
YL/BR
E11
20
OG/DB
9
10
13 C137
T531
20
YL/LG
T535
20
YL/BR
E11
20
OG/DB
1
2
11
SWITCH-
DISCONNECTING
STABILIZER BAR
0 UNLOCK
1 REAR LOCK
2 FRONT/REAR LOCK
0
1
2
12
Z952
20
BK
14 C137
Z952
20
BK
G104
(8W-15-4)

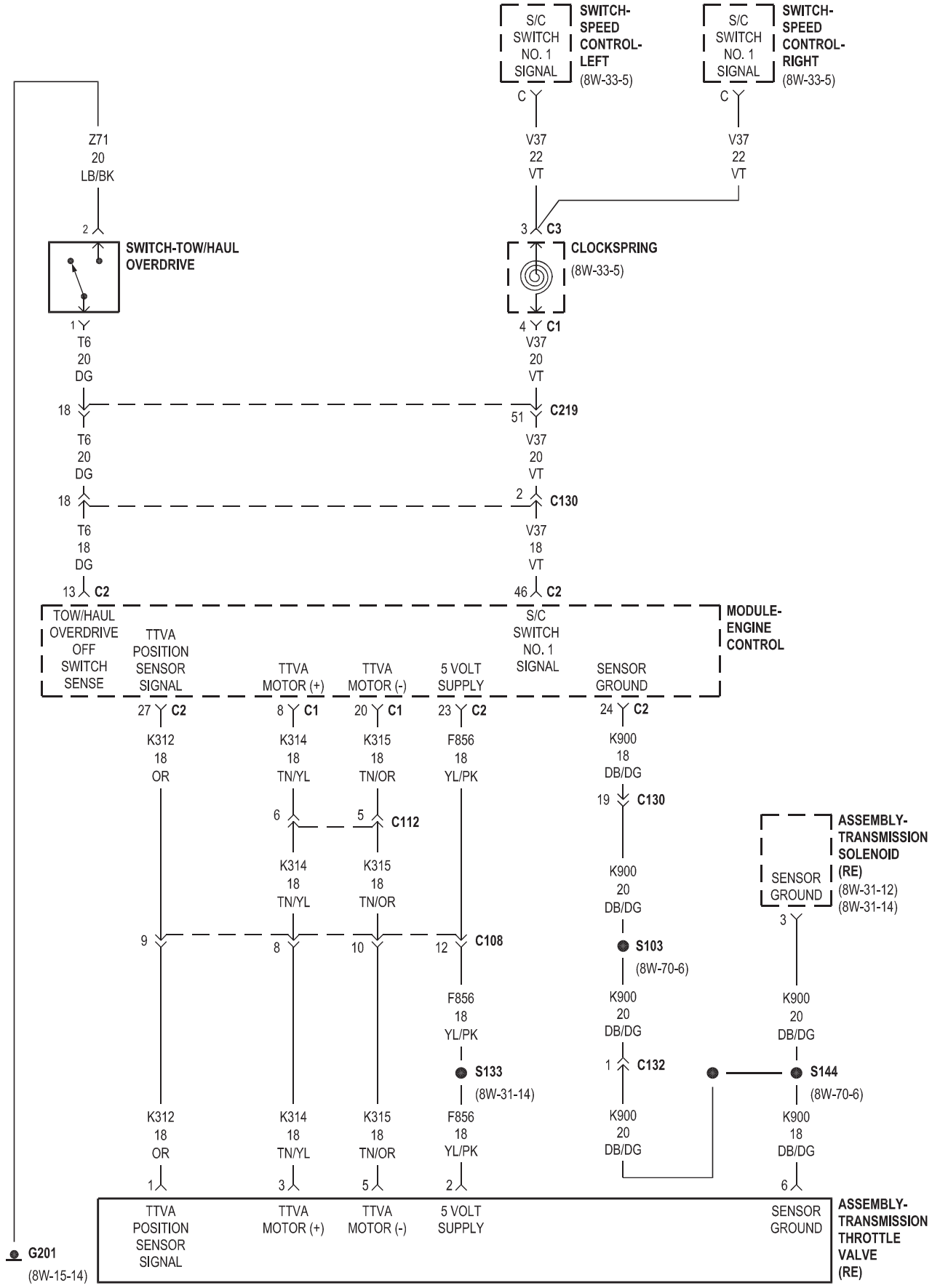

SWITCH-
DISCONNECTING
STABILIZER BAR
4
3
7
6
5
9
8
T536
20
YL/WT
T531
20
YL/TN
T534
20
YL
T533
20
YL/LB
T532
20
YL/GY
T529
20
YL/LG
T530
20
LY/DG
8
3
6
5
4
1
2
C137
T536
20
YL/WT
T531
20
YL/TN
T534
20
YL
T533
20
YL/LB
T532
20
YL/GY
T529
20
YL/LG
T530
20
LY/DG
B2
B5
B8
B7
B6
B10
B9
SUPPLY
SWITCH
STABILIZER
BAR
SWITCH
SENSE
LOCKER FR/RR
ILLUMINATION
SENSE
LOCK
REAR
ILLUMINATION
SENSE
LOCKER
OPEN
ILLUMINATION
SENSE
STABILIZER
BAR
ENGAGE
ILLUMINATION
SENSE
STABILIZER
BAR
DISENGAGE
ILLUMINATION
SENSE
MODULE-
FINAL
DRIVE
CONTROL
GROUND
GROUND
E
F
Z935
16
BK
Z935
16
BK
Z935
16
BK
G106
(8W-15-8)


SOLENOID-LOCKER-REAR
LOCKER SENSOR SUPPLY
REAR LOCKER SOURCE
REAR LOCKER SENSOR SENSE
REAR LOCKER RETURN
2
1
3
4
T521 18 YL/BK
T526 16 YL/WT
T527 18 YL/TN
T528 16 YL/GY
5
2
6
3
C134
T523 20 YL/TN
T526 16 YL/WT
T527 20 YL/TN
T528 16 YL/GY
A3
D
A8
H
LOCKER SENSOR SUPPLY
REAR LOCKER SOURCE
REAR LOCKER SENSOR SENSE
REAR LOCKER RETURN
SOLENOID-LOCKER-FRONT
LOCKER SENSOR SUPPLY
FRONT LOCKER SOURCE
FRONT LOCKER SENSOR SENSE
FRONT LOCKER RETURN
2
1
3
4
T521 18 YL/GY
T520 16 YL/OR
T522 18 YL/LB
T524 16 YL/LG
5
2
6
3
C102
T521 20 YL/BK
T520 16 YL/OR
T522 20 YL/LB
T524 16 YL/LG
A1
C
A9
G
LOCKER SENSOR SUPPLY
FRONT LOCKER SOURCE
FRONT LOCKER SENSOR SENSE
FRONT LOCKER RETURN
MODULE-FINAL DRIVE CONTROL

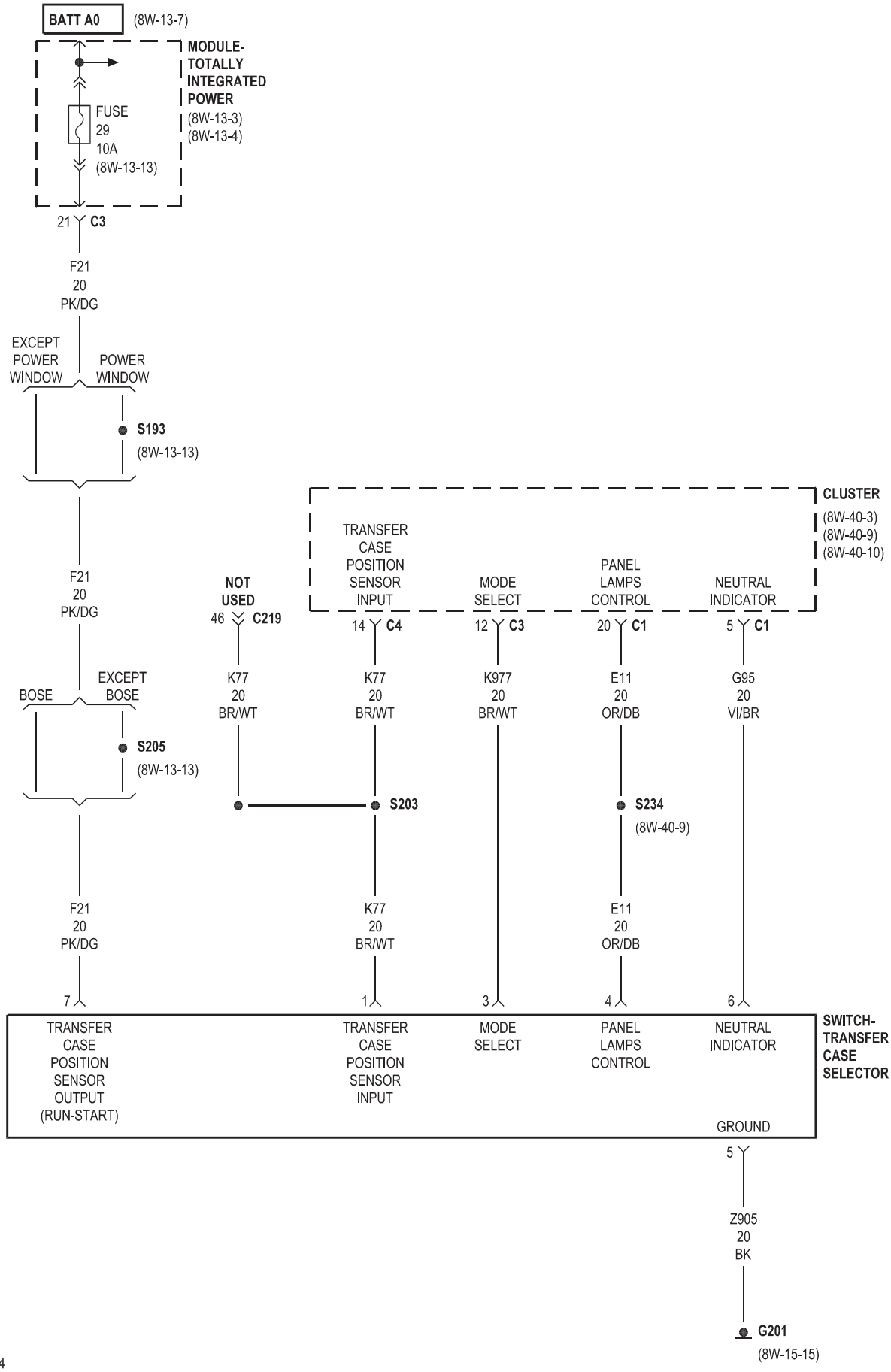

SENSOR-
OUTPUT
SPEED
1
2
BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
TRANSMISSION
CONTROL
TRANSMISSION
CONTROL
OUTPUT
10 C1
9 C10
MODULE-
POWERTRAIN
CONTROL
(8W-30-9)
(8W-30-13)
(8W-30-17)
(8W-30-19)
(8W-30-20)
(8W-30-21)
(8W-30-22)
(8W-31-4)
(8W-31-5)
(8W-31-6)
5 VOLT
SUPPLY
SENSOR
GROUND
31 C2
4 C1
F856
18
YL/PK
K900
18
DB/DG
T14
18
DG/BR
T13
18
DG/VT
T515
20
YL/DB
T16
16
YL/OR
S182
(8W-70-9)
S183
(8W-70-8)
20
16 C130
K900
18
DB/DG
S146
(8W-70-9)
T515
18
YL/DB
T16
16
YL/OR
F856
18
YL/PK
K900
18
DB/DG
TWISTED
PAIR
1
2
3
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
5
6
7
4
8
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
28 C2
25 C2
30 C2
8 C2
21 C2
11 C2
29 C2
1 C2
OUTPUT
SPEED
SENSOR
SIGNAL
SPEED
SENSOR
GROUND
TRANSMISSION
CONTROL
GOVERNOR
PRESSURE
SOLENOID
CONTROL
3-4
SOLENOID
CONTROL
TORQUE
CONVERTER
CLUTCH
SOLENOID
CONTROL
GOVERNOR
PRESSURE
SENSOR
SIGNAL
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
MODULE-
POWERTRAIN
CONTROL


PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
MODULE- ENGINE CONTROL
9 C2
T41 18 YL/DB
9 C130
T41 20 YL/DB
S123
(8W-70-10)
T41 20 YL/DB
8 C132
T41 20 YL/DB
DIESEL
PARK/ NEUTRAL POSITION SWITCH SENSE (T41)
MODULE- POWERTRAIN CONTROL
6 C1
T41 18 YL/DB
S124
(8W-21-3)
T41 18 YL/DB
SRT
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
TRANS RANGE SENSOR ELECTRONIC CLUSTER MUX
CLUSTER
(8W-40-3)
11 C4
10 C3
T117 20 DG/YL
T917 20 YL/TN
47 C219
38
T117 20 DG/YL
T917 20 YL/TN
18 C130
17
T117 20 DG/YL
T917 20 YL/TN
6
2
5
N
P
1
2
D
N
R
P
SENSOR- TRANSMISSION RANGE (RE)

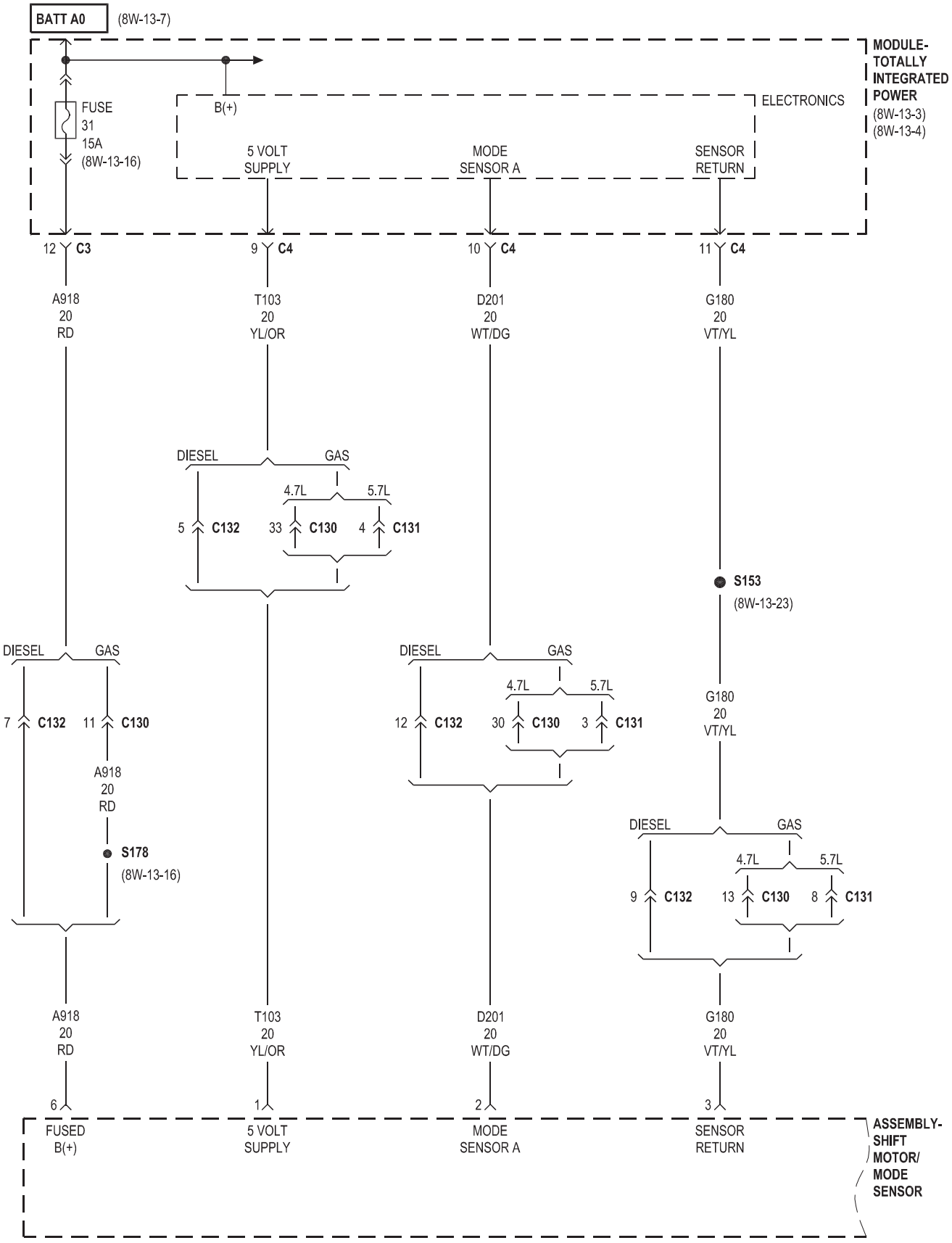

SENSOR-
OUTPUT
SPEED
1
2
BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
TRANSMISSION
CONTROL
TRANSMISSION
CONTROL
OUTPUT
10 C1
9 C10
5 VOLT
SUPPLY
ASSEMBLY-
TRANSMISSION
THROTTLE
VALVE
(8W-31-15)
2
5 VOLT
SUPPLY
SENSOR
GROUND
MODULE-
ENGINE
CONTROL
(8W-30-23)
(8W-31-15)
23 C2
24 C2
F856
18
YL/PK
K900
18
DB/DG
12 C108
19 C130
K900
20
DB/DG
S103
(8W-70-6)
K900
20
DB/DG
1 C132
T14
18
DG/BR
T13
18
DG/VT
T515
20
YL/DB
T16
18
YL/OR
F856
18
YL/PK
F856
18
YL/PK
K900
20
DB/DG
20 C130
2 C132
S133
S144
(8W-70-6)
T16
16
YL/OR
F856
18
YL/PK
K900
20
DB/DG
1
2
3
TWISTED
PAIR
ASSEMBLY-
TRANSMISSION
SOLENOID
(RE)
5
6
7
4
8
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
6
7 C108
1
2
4
3
5 C108
T14
18
DG/BR
T13
18
DG/VT
T515
18
YL/DB
T118
18
DG
T9
18
DG/TN
T75
18
YL/LB
T38
18
YL/BR
T54
18
DG/OR
44 C2
45 C2
5 C2
14 C2
15 C2
25 C2
17 C2
29 C2
OUTPUT
SPEED
SENSOR
SIGNAL
SPEED
SENSOR
GROUND
TRANSMISSION
CONTROL
GOVERNOR
PRESSURE
SOLENOID
CONTROL
3-4
SOLENOID
CONTROL
TORQUE
CONVERTER
CLUTCH
SOLENOID
CONTROL
GOVERNOR
PRESSURE
SENSOR
SIGNAL
TRANSMISSION
TEMPERATURE
SENSOR
SIGNAL
MODULE-
ENGINE
CONTROL


S/C SWITCH NO. 1 SIGNAL
SWITCH-SPEED CONTROL-LEFT
(8W-33-5)
S/C SWITCH NO. 1 SIGNAL
SWITCH-SPEED CONTROL-RIGHT
(8W-33-5)
C
V37
22
VT
Z71
20
LB/BK
2
SWITCH-TOW/HAUL OVERDRIVE
1
T6
20
DG
3 C3
CLOCKSPRING
(8W-33-5)
4 C1
V37
20
VT
18
T6
20
DG
51 C219
V37
20
VT
18
T6
20
DG
2 C130
T6
18
DG
13 C2
V37
18
VT
46 C2
MODULE-ENGINE CONTROL
TOW/HAUL OVERDRIVE OFF SWITCH SENSE
TTVA POSITION SENSOR SIGNAL
TTVA MOTOR (+)
TTVA MOTOR (-)
5 VOLT SUPPLY
S/C SWITCH NO. 1 SIGNAL
SENSOR GROUND
27 C2
8 C1
20 C1
23 C2
24 C2
K312
18
OR
K314
18
TN/YL
K315
18
TN/OR
F856
18
YL/PK
K900
18
DB/DG
19 C130
6
5 C112
K900
20
DB/DG
ASSEMBLY-TRANSMISSION SOLENOID (RE)
SENSOR GROUND
(8W-31-12)
(8W-31-14)
3
9
8
10
12 C108
S103
(8W-70-6)
F856
18
YL/PK
K900
20
DB/DG
S133
(8W-31-14)
1 C132
S144
(8W-70-6)
K900
18
DB/DG
1
3
5
2
6
TTVA POSITION SENSOR SIGNAL
TTVA MOTOR (+)
TTVA MOTOR (-)
5 VOLT SUPPLY
SENSOR GROUND
ASSEMBLY-TRANSMISSION THROTTLE VALVE (RE)
G201
(8W-15-14)

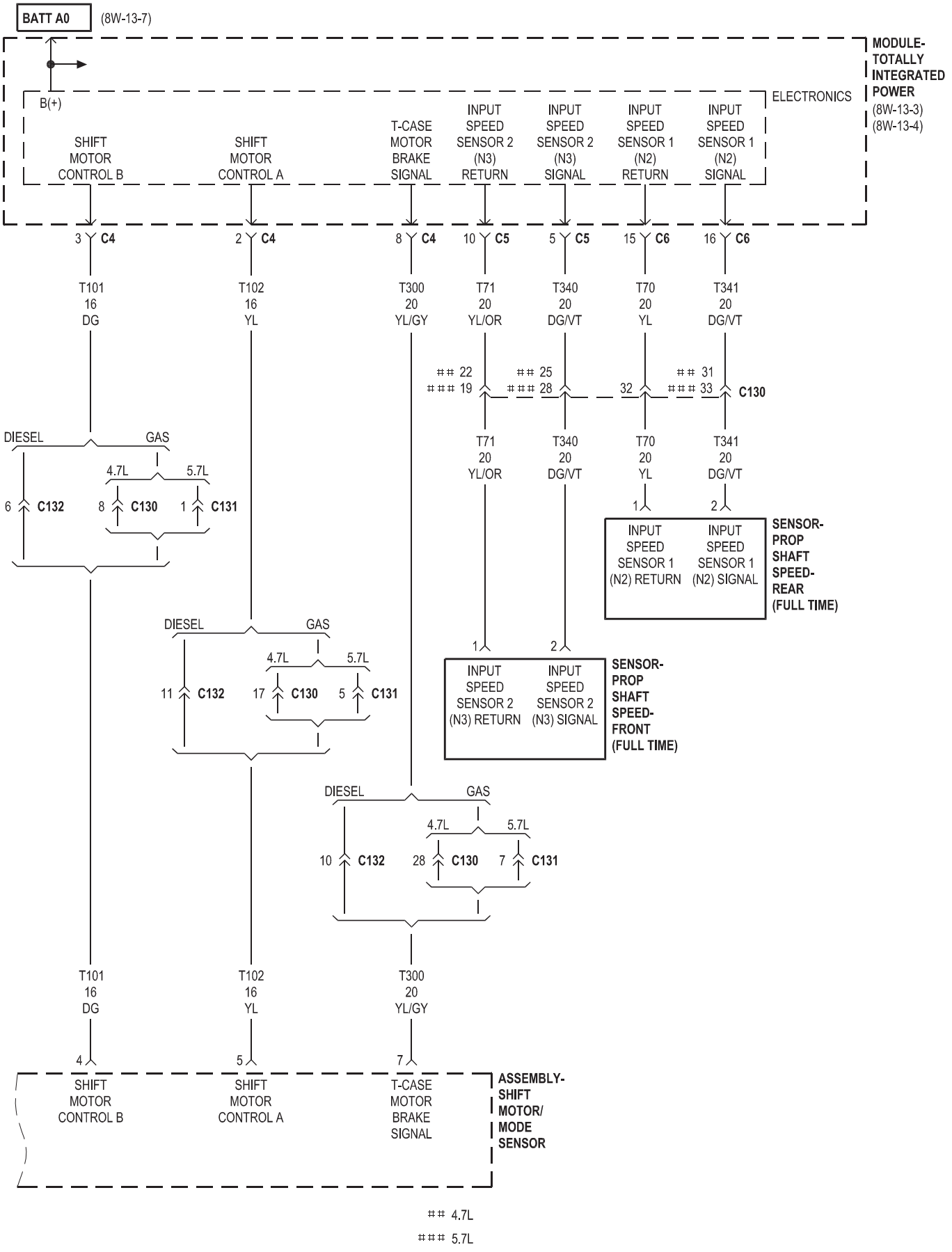
## ELECTRONIC TRANSFER CASE

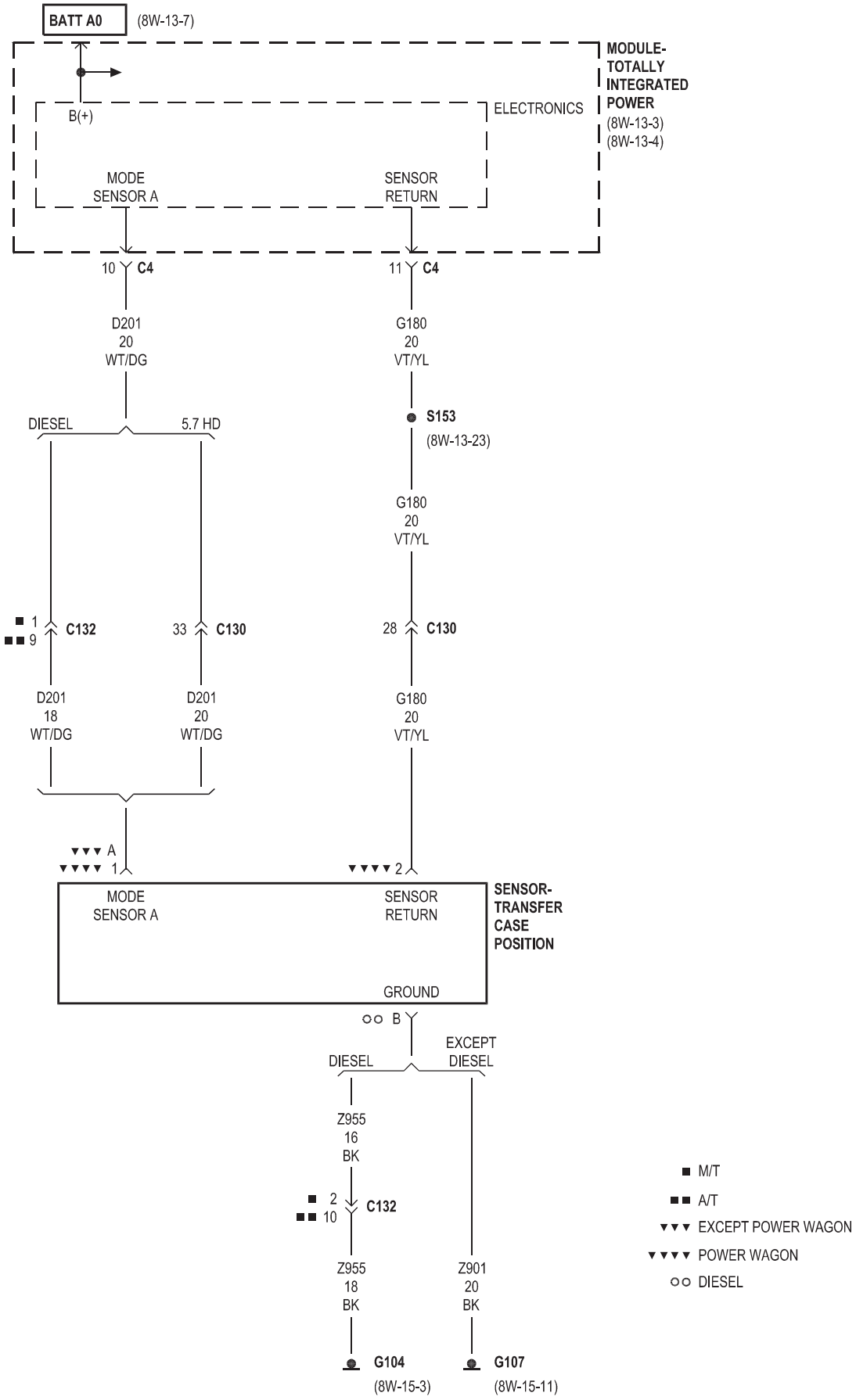


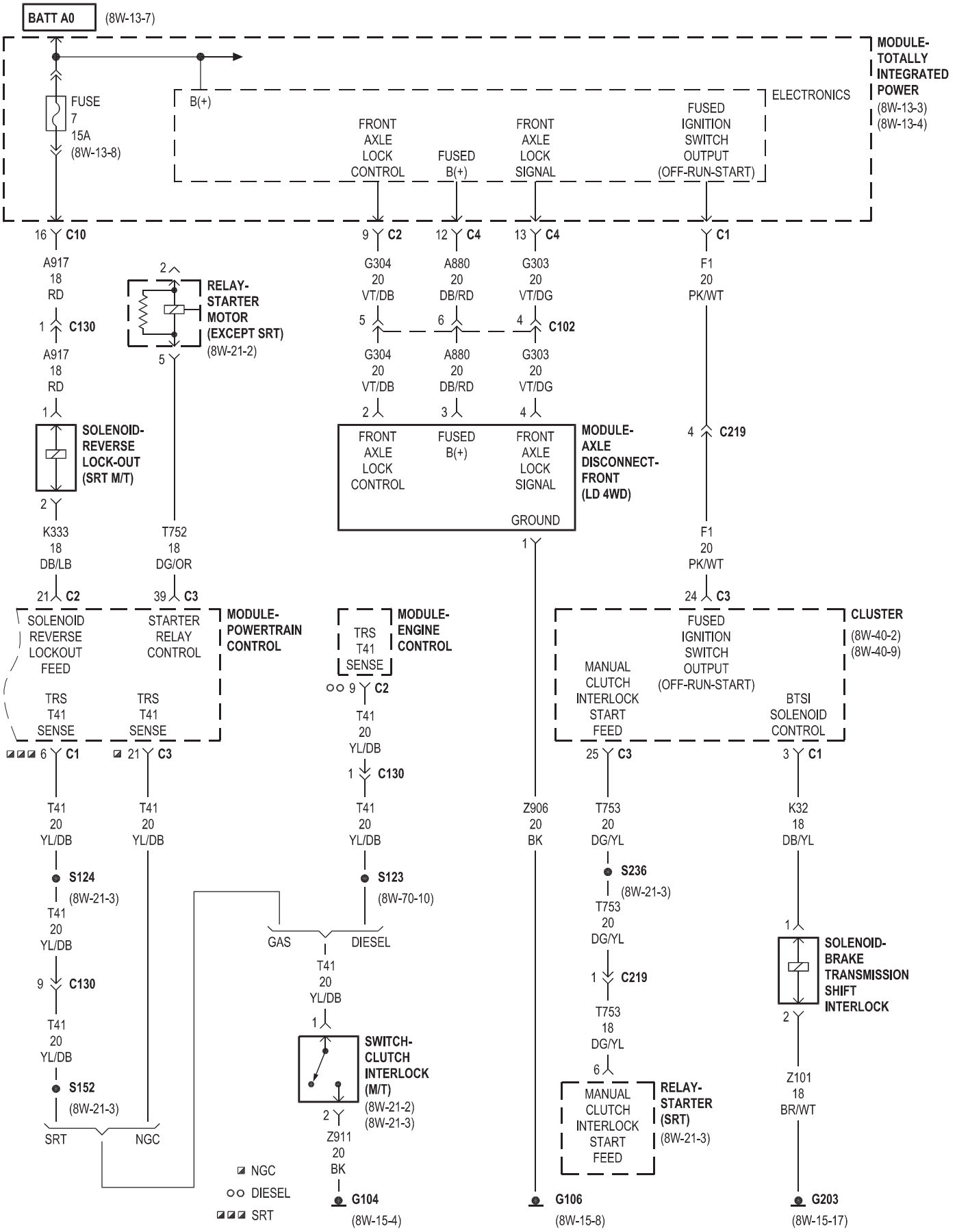
## ELECTRONIC TRANSFER CASE



## ELECTRONIC TRANSFER CASE

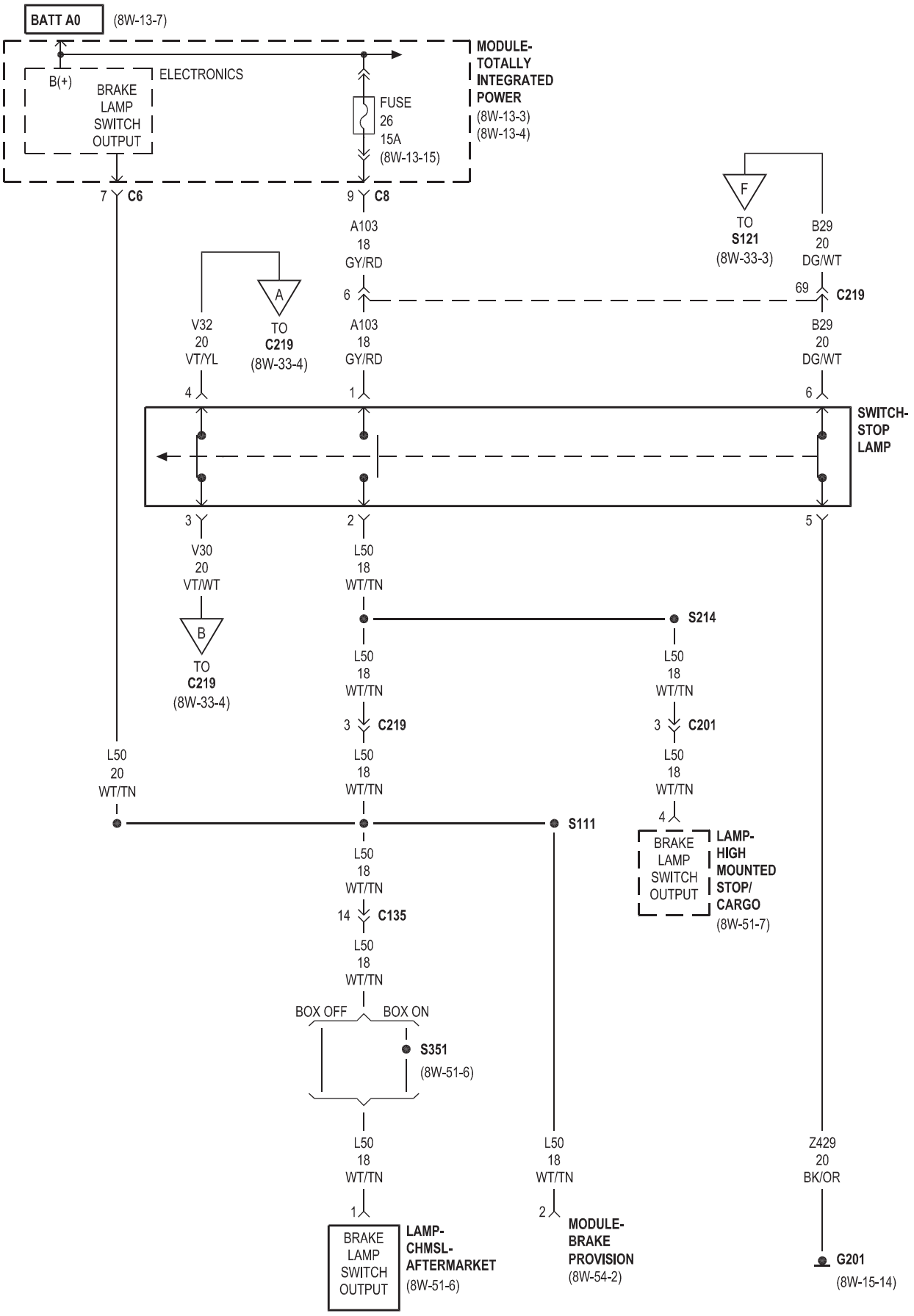


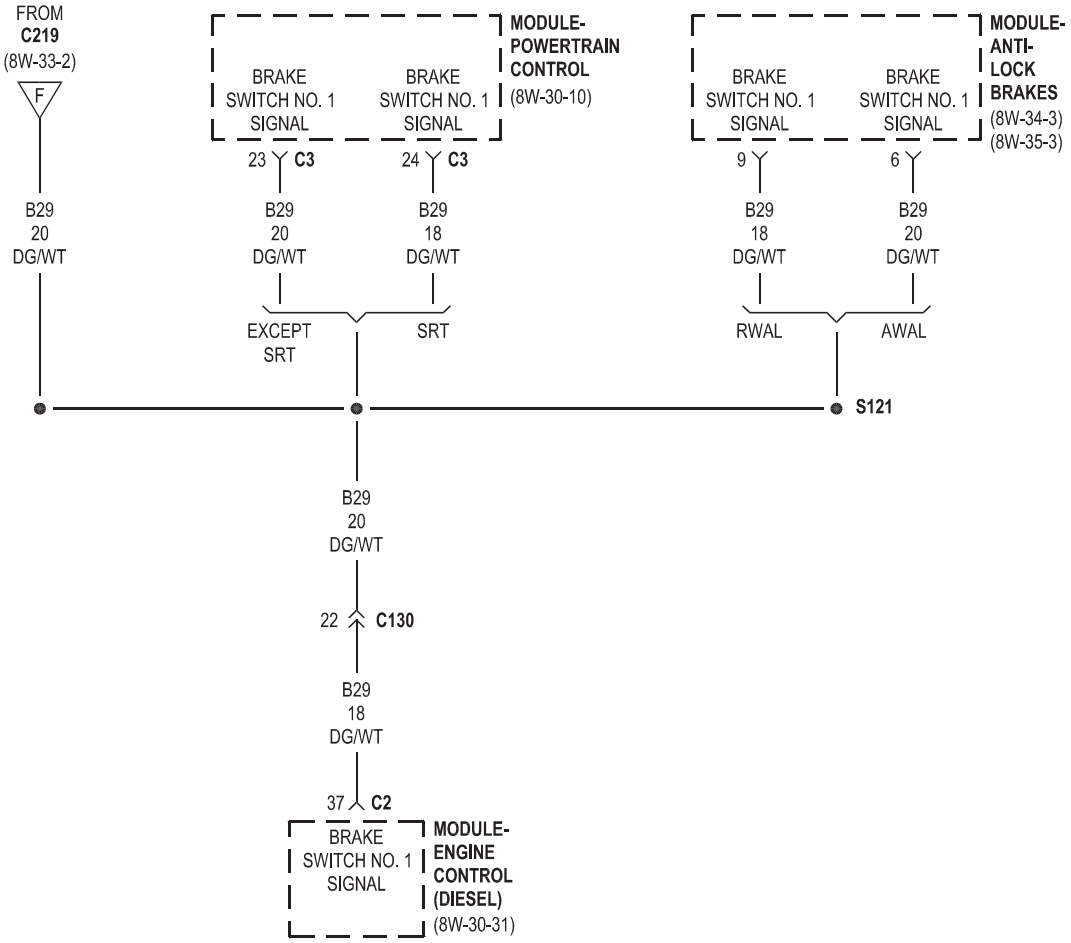

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
MODE
SENSOR A
SENSOR
RETURN
10 C4
11 C4
D201
20
WT/DG
G180
20
VT/YL
DIESEL
5.7 HD
S153
(8W-13-23)
G180
20
VT/YL
1
9
C132
33 C130
28 C130
D201
18
WT/DG
D201
20
WT/DG
G180
20
VT/YL
A
1
2
MODE
SENSOR A
SENSOR
RETURN
SENSOR-
TRANSFER
CASE
POSITION
GROUND
B
DIESEL
EXCEPT
DIESEL
Z955
16
BK
2
10
C132
Z955
18
BK
Z901
20
BK
G104
(8W-15-3)
G107
(8W-15-11)
M/T
A/T
EXCEPT POWER WAGON
POWER WAGON
DIESEL

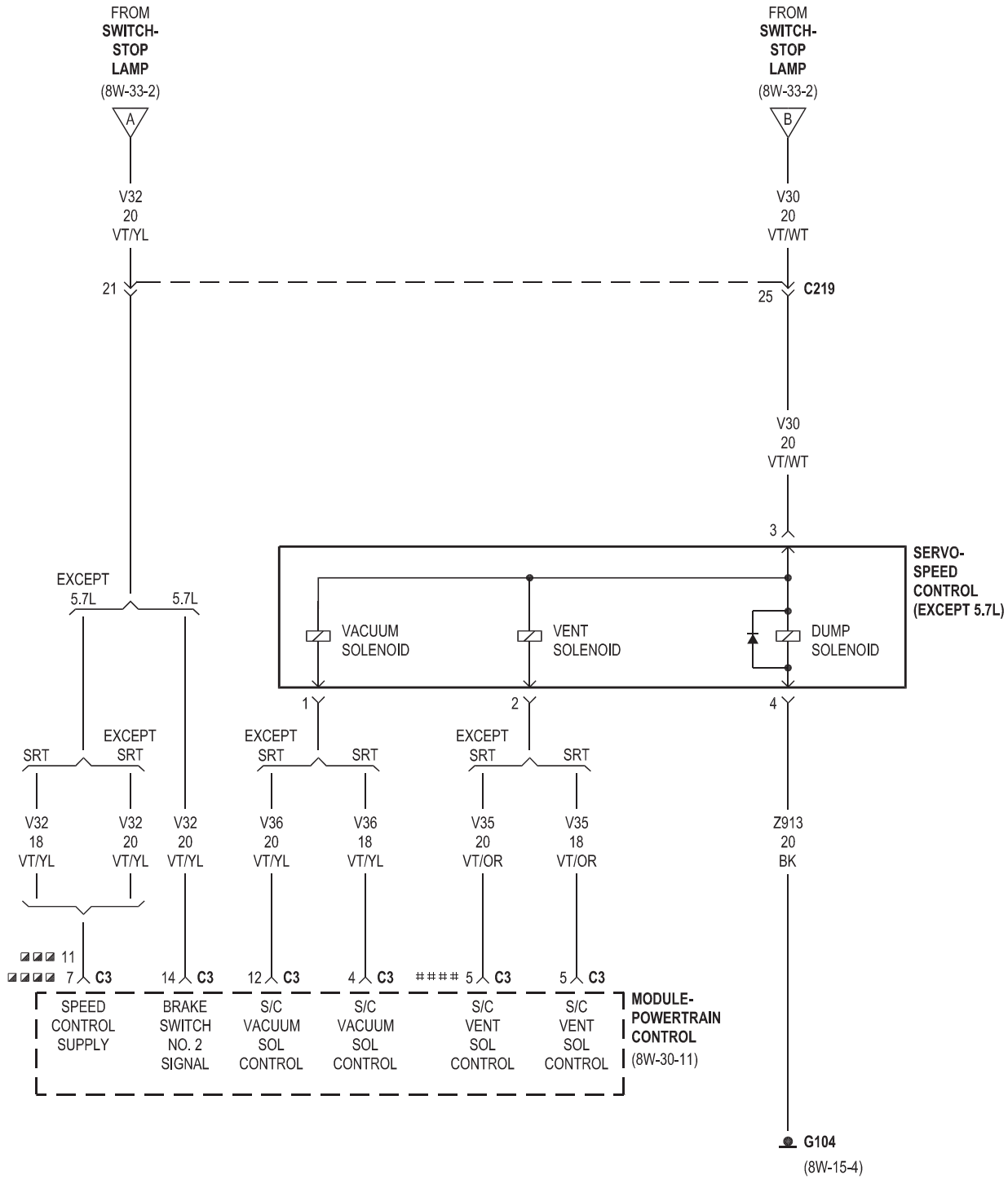

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
FUSE 7 15A
(8W-13-8)
B(+)
FRONT AXLE LOCK CONTROL
FUSED B(+)
FRONT AXLE LOCK SIGNAL
FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
16 C10
9 C2
12 C4
13 C4
C1
A917 18 RD
G304 20 VT/DB
A880 20 DB/RD
G303 20 VT/DG
F1 20 PK/WT
1 C130
5
6
4 C102
2
RELAY-STARTER MOTOR (EXCEPT SRT)
(8W-21-2)
5
SOLENOID-REVERSE LOCK-OUT (SRT M/T)
MODULE-AXLE DISCONNECT-FRONT (LD 4WD)
4 C219
GROUND
1
2
K333 18 DB/LB
T752 18 DG/OR
21 C2
39 C3
24 C3
SOLENOID REVERSE LOCKOUT FEED
STARTER RELAY CONTROL
MODULE-POWERTRAIN CONTROL
TRS T41 SENSE
MODULE-ENGINE CONTROL
FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
MANUAL CLUTCH INTERLOCK START FEED
BTSI SOLENOID CONTROL
CLUSTER
(8W-40-2)
(8W-40-9)
6 C1
21 C3
9 C2
25 C3
3 C1
T41 20 YL/DB
Z906 20 BK
T753 20 DG/YL
K32 18 DB/YL
S124
(8W-21-3)
S123
(8W-70-10)
S236
(8W-21-3)
GAS
DIESEL
9 C130
1 C130
1 C219
1
SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK
T753 18 DG/YL
6
2
S152
(8W-21-3)
SWITCH-CLUTCH INTERLOCK (M/T)
(8W-21-2)
(8W-21-3)
Z911 20 BK
Z101 18 BR/WT
SRT
NGC
MANUAL CLUTCH INTERLOCK START FEED
RELAY-STARTER (SRT)
(8W-21-3)
NGC
DIESEL
SRT
G104
(8W-15-4)
G106
(8W-15-8)
G203
(8W-15-17)

# 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 |


BATT A0
(8W-13-7)
B(+)
ELECTRONICS
BRAKE LAMP SWITCH OUTPUT
FUSE 26 15A
(8W-13-15)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
7 C6
9 C8
A103 18 GY/RD
F
TO S121
(8W-33-3)
B29 20 DG/WT
69 C219
A
TO C219
(8W-33-4)
V32 20 VT/YL
4
6
1
3
2
5
SWITCH-STOP LAMP
V30 20 VT/WT
B
TO C219
(8W-33-4)
L50 18 WT/TN
S214
3 C219
3 C201
L50 20 WT/TN
S111
14 C135
BRAKE LAMP SWITCH OUTPUT
LAMP-HIGH MOUNTED STOP/ CARGO
(8W-51-7)
BOX OFF
BOX ON
S351
(8W-51-6)
Z429 20 BK/OR
G201
(8W-15-14)
LAMP-CHMSL-AFTERMARKET
(8W-51-6)
MODULE-BRAKE PROVISION
(8W-54-2)

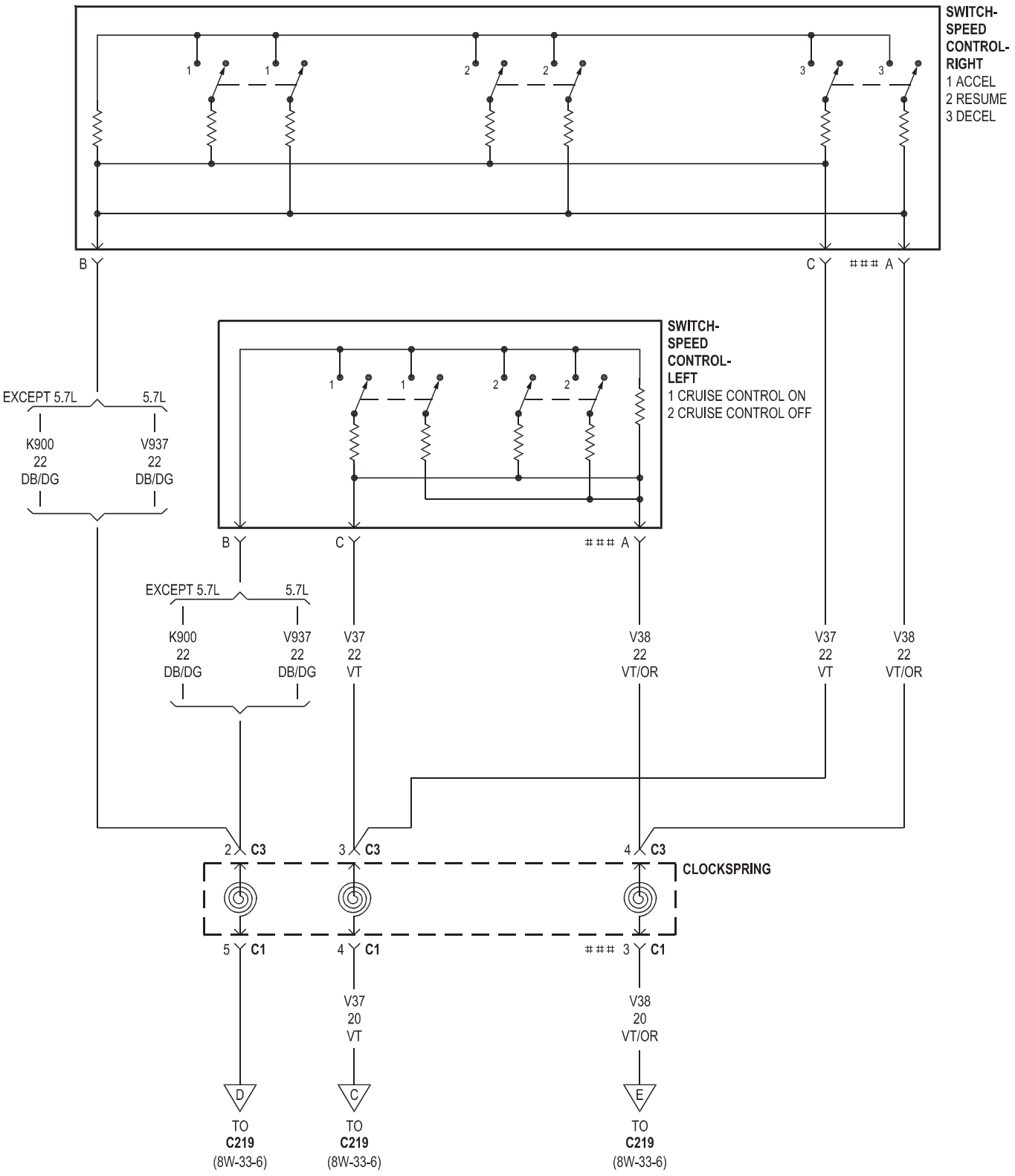

FROM
C219
(8W-33-2)
F
B29
20
DG/WT
BRAKE
SWITCH NO. 1
SIGNAL
BRAKE
SWITCH NO. 1
SIGNAL
MODULE-
POWERTRAIN
CONTROL
(8W-30-10)
23
C3
24
C3
B29
20
DG/WT
B29
18
DG/WT
EXCEPT
SRT
SRT
BRAKE
SWITCH NO. 1
SIGNAL
BRAKE
SWITCH NO. 1
SIGNAL
MODULE-
ANTI-
LOCK
BRAKES
(8W-34-3)
(8W-35-3)
9
6
B29
18
DG/WT
B29
20
DG/WT
RWAL
AWAL
S121
B29
20
DG/WT
22
C130
B29
18
DG/WT
37
C2
BRAKE
SWITCH NO. 1
SIGNAL
MODULE-
ENGINE
CONTROL
(DIESEL)
(8W-30-31)



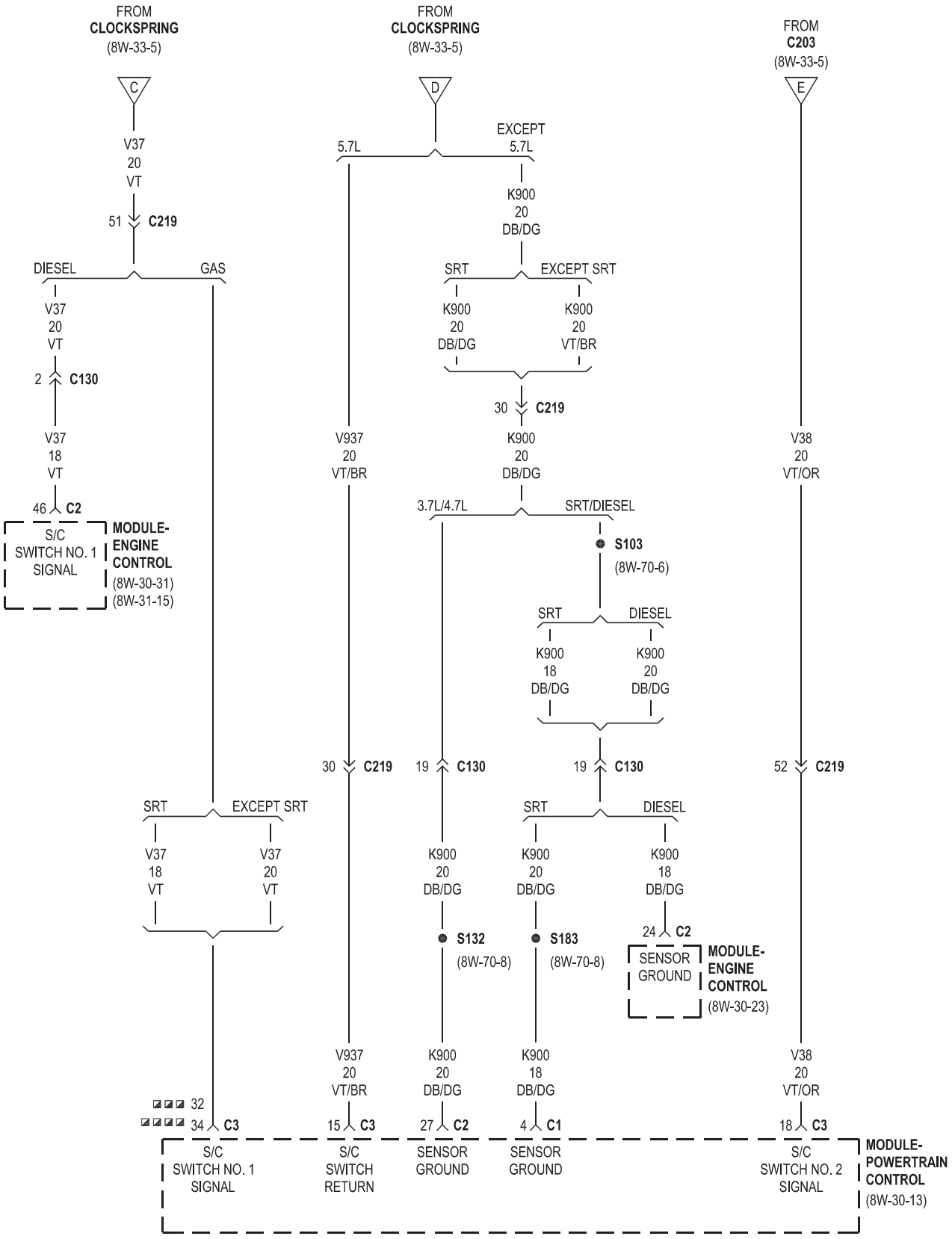

SRT

EXCEPT SRT

3.7L/4.7L

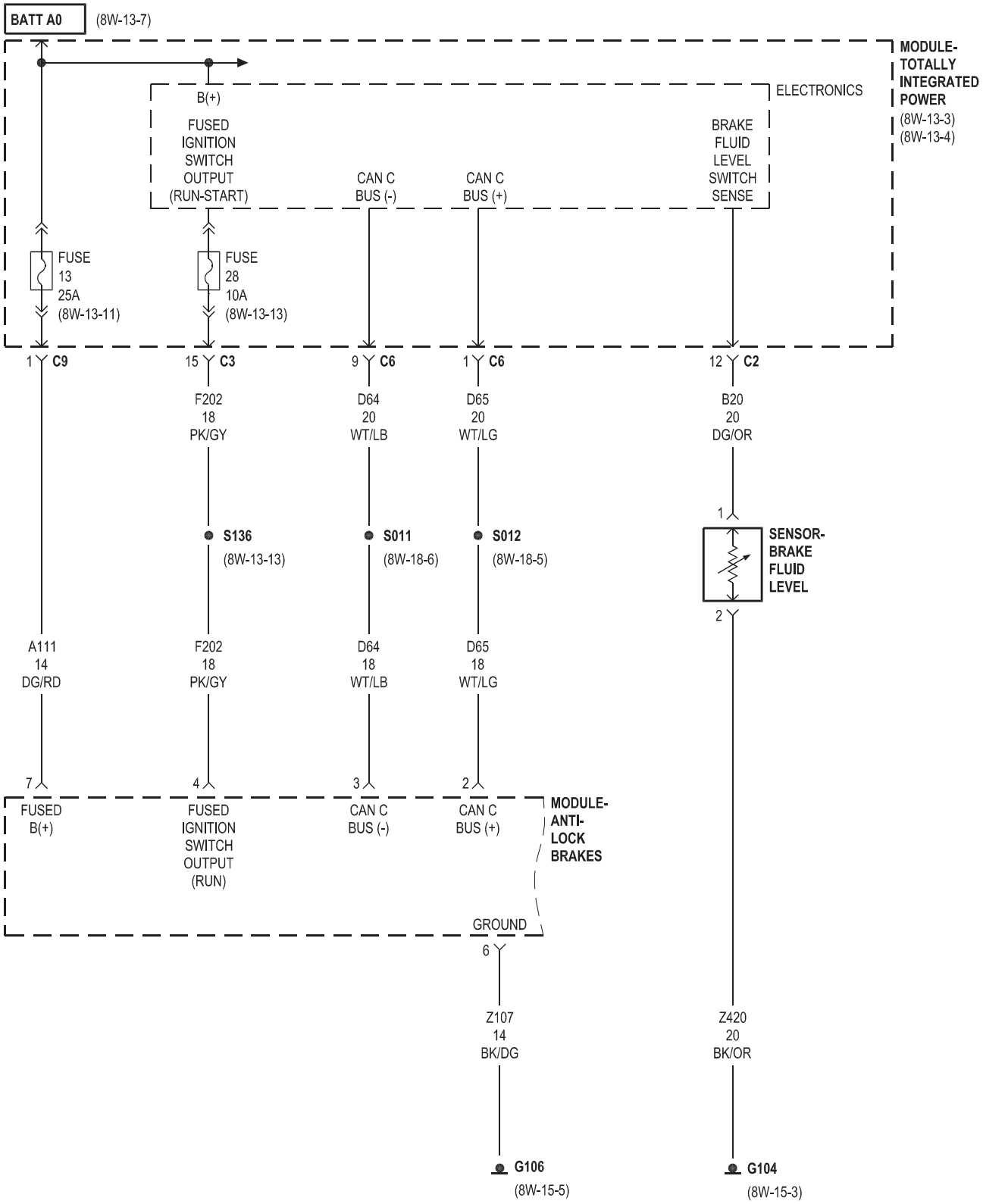

SWITCH-
SPEED
CONTROL-
RIGHT
1 ACCEL
2 RESUME
3 DECEL
B
C
### A
SWITCH-
SPEED
CONTROL-
LEFT
1 CRUISE CONTROL ON
2 CRUISE CONTROL OFF
EXCEPT 5.7L
5.7L
K900
22
DB/DG
V937
22
DB/DG
V37
22
VT
V38
22
VT/OR
2 C3
3 C3
4 C3
CLOCKSPRING
5 C1
4 C1
### 3 C1
V37
20
VT
V38
20
VT/OR
D
C
E
TO
C219
(8W-33-6)

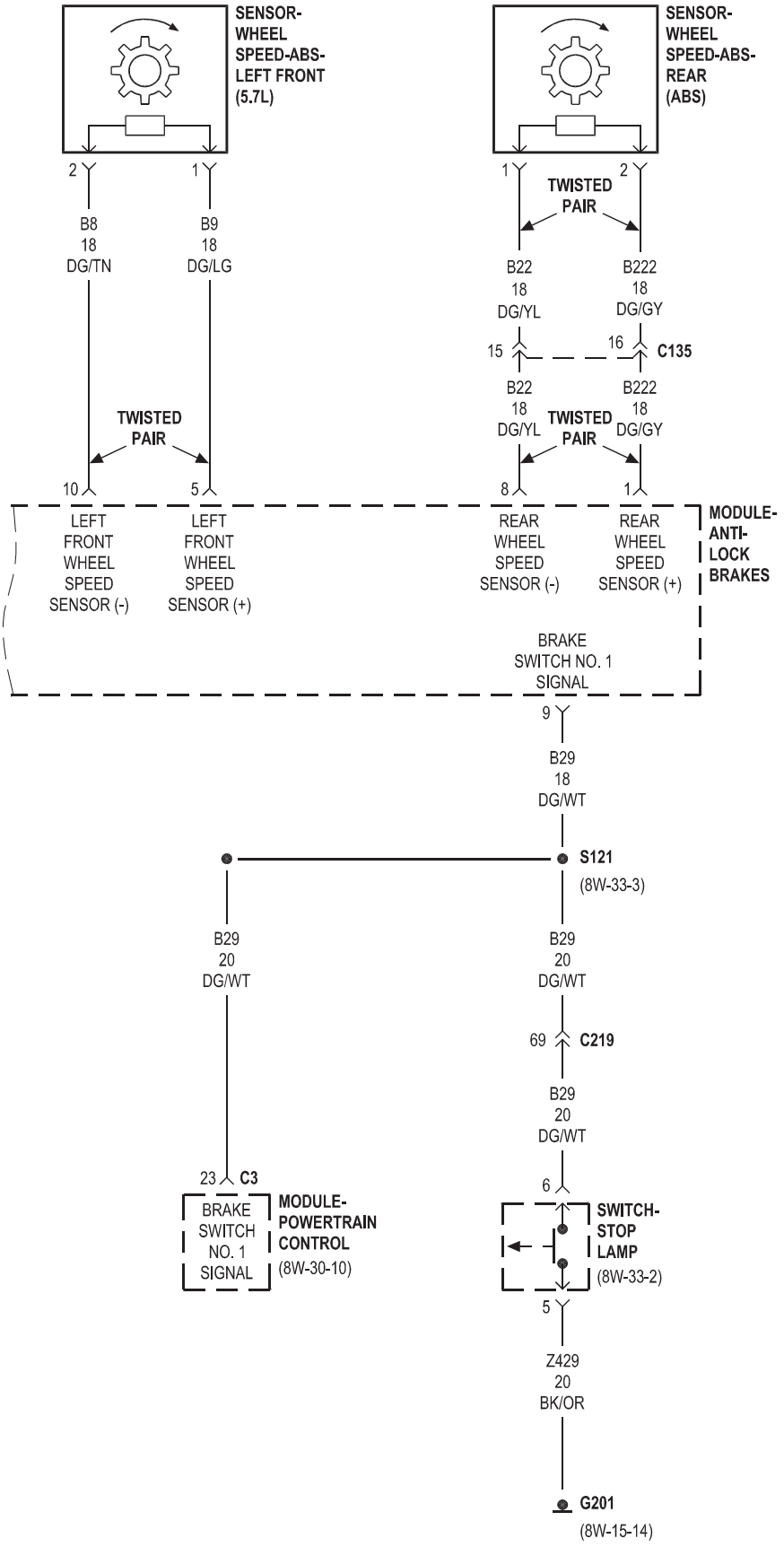
### 5.7L


FROM CLOCKSPRING (8W-33-5)
C
V37 20 VT
51 C219
DIESEL
GAS
V37 20 VT
2 C130
V37 18 VT
46 C2
S/C SWITCH NO. 1 SIGNAL
MODULE-ENGINE CONTROL
(8W-30-31)
(8W-31-15)
SRT
EXCEPT SRT
V37 18 VT
V37 20 VT
32
34 C3
S/C SWITCH NO. 1 SIGNAL
FROM CLOCKSPRING (8W-33-5)
D
5.7L
EXCEPT 5.7L
K900 20 DB/DG
SRT
EXCEPT SRT
K900 20 DB/DG
K900 20 VT/BR
30 C219
K900 20 DB/DG
3.7L/4.7L
SRT/DIESEL
S103
(8W-70-6)
SRT
DIESEL
K900 18 DB/DG
K900 20 DB/DG
19 C130
19 C130
SRT
DIESEL
K900 20 DB/DG
K900 20 DB/DG
K900 18 DB/DG
S132
(8W-70-8)
S183
(8W-70-8)
24 C2
SENSOR GROUND
MODULE-ENGINE CONTROL
(8W-30-23)
V937 20 VT/BR
30 C219
V937 20 VT/BR
15 C3
S/C SWITCH RETURN
K900 20 DB/DG
27 C2
SENSOR GROUND
K900 18 DB/DG
4 C1
SENSOR GROUND
FROM C203 (8W-33-5)
E
V38 20 VT/OR
52 C219
V38 20 VT/OR
18 C3
S/C SWITCH NO. 2 SIGNAL
MODULE-POWERTRAIN CONTROL
(8W-30-13)
SRT
EXCEPT SRT

# 8W-34 REAR WHEEL ANTILOCK BRAKES

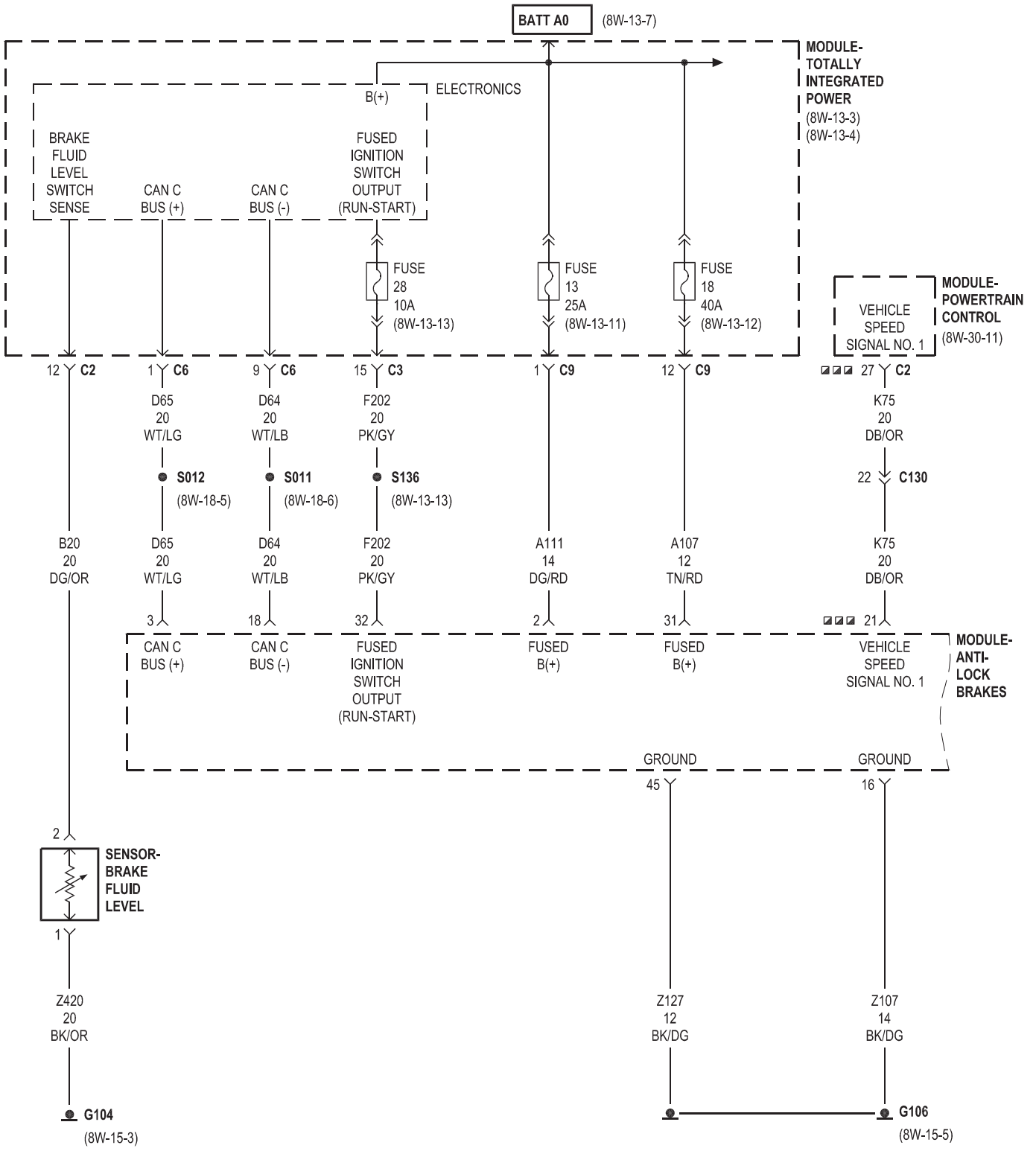

| Component | Page |
|---|---|
| Fuse 13 | 8W-34-2 |
| Fuse 28 | 8W-34-2 |
| G104 | 8W-34-2 |
| G106 | 8W-34-2 |
| G201 | 8W-34-3 |
| Module-Anti-Lock Brakes | 8W-34-2, 3 |
| Module-Powertrain Control | 8W-34-3 |
| Module-Totally Integrated Power | 8W-34-2 |
| Sensor-Brake Fluid Level | 8W-34-2 |
| Sensor-Wheel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

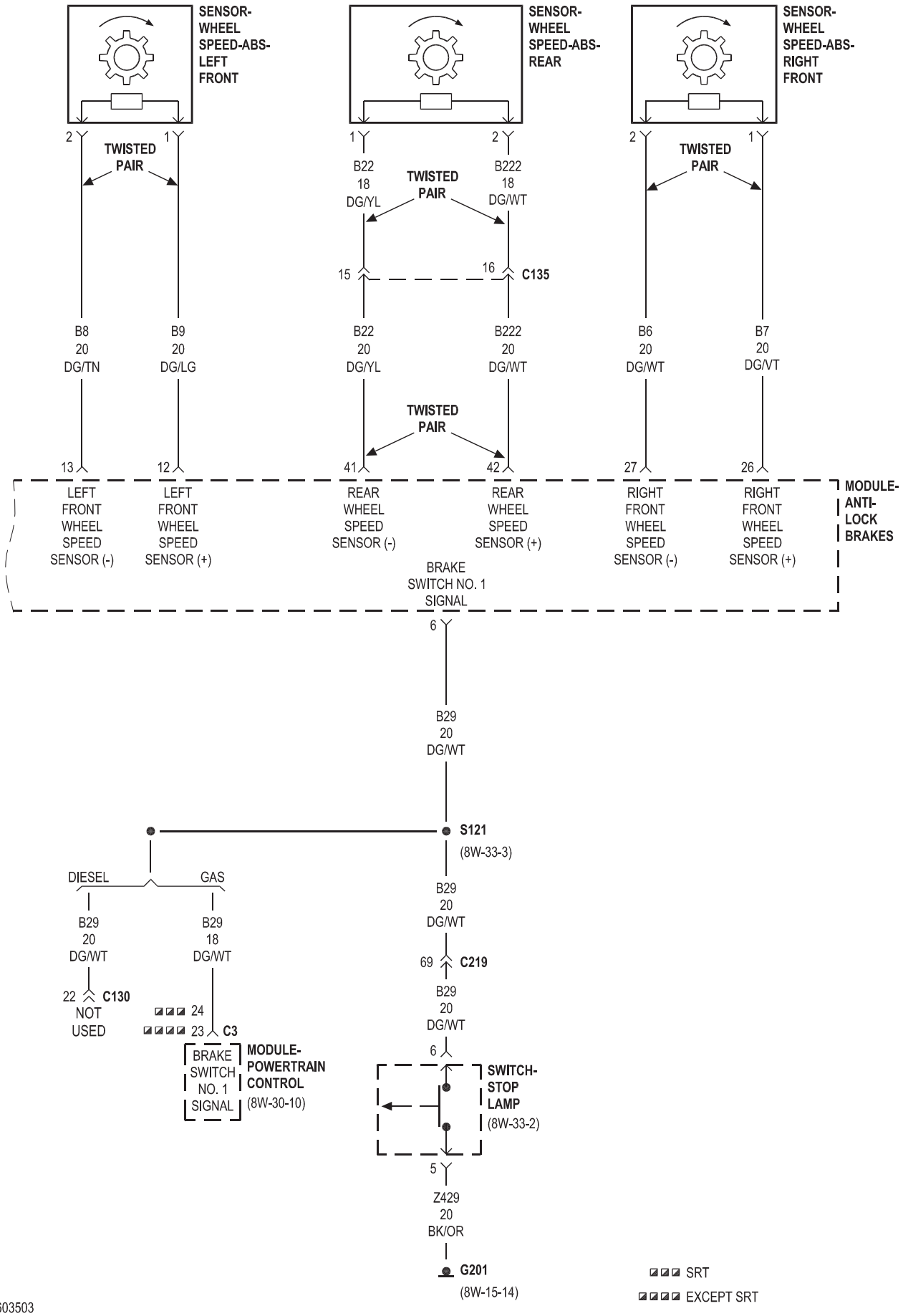

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
CAN C
BUS (-)
CAN C
BUS (+)
BRAKE
FLUID
LEVEL
SWITCH
SENSE
FUSE
13
25A
(8W-13-11)
FUSE
28
10A
(8W-13-13)
1 C9
15 C3
9 C6
1 C6
12 C2
F202
18
PK/GY
D64
20
WT/LB
D65
20
WT/LG
B20
20
DG/OR
S136
(8W-13-13)
S011
(8W-18-6)
S012
(8W-18-5)
1
SENSOR-
BRAKE
FLUID
LEVEL
2
A111
14
DG/RD
F202
18
PK/GY
D64
18
WT/LB
D65
18
WT/LG
7
4
3
2
FUSED
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
CAN C
BUS (-)
CAN C
BUS (+)
MODULE-
ANTI-
LOCK
BRAKES
GROUND
6
Z107
14
BK/DG
Z420
20
BK/OR
G106
(8W-15-5)
G104
(8W-15-3)


SENSOR-WHEEL SPEED-ABS-LEFT FRONT (5.7L)
SENSOR-WHEEL SPEED-ABS-REAR (ABS)
2
1
1
2
TWISTED PAIR
B8 18 DG/TN
B9 18 DG/LG
B22 18 DG/YL
B222 18 DG/GY
15
16
C135
B22 18 DG/YL
B222 18 DG/GY
TWISTED PAIR
TWISTED PAIR
10
5
8
1
LEFT FRONT WHEEL SPEED SENSOR (-)
LEFT FRONT WHEEL SPEED SENSOR (+)
REAR WHEEL SPEED SENSOR (-)
REAR WHEEL SPEED SENSOR (+)
MODULE-ANTI-LOCK BRAKES
BRAKE SWITCH NO. 1 SIGNAL
9
B29 18 DG/WT
S121
(8W-33-3)
B29 20 DG/WT
B29 20 DG/WT
69
C219
B29 20 DG/WT
23
C3
6
BRAKE SWITCH NO. 1 SIGNAL
MODULE-POWERTRAIN CONTROL
(8W-30-10)
SWITCH-STOP LAMP
(8W-33-2)
5
Z429 20 BK/OR
G201
(8W-15-14)

# 8W-35 ALL WHEEL ANTILOCK BRAKES

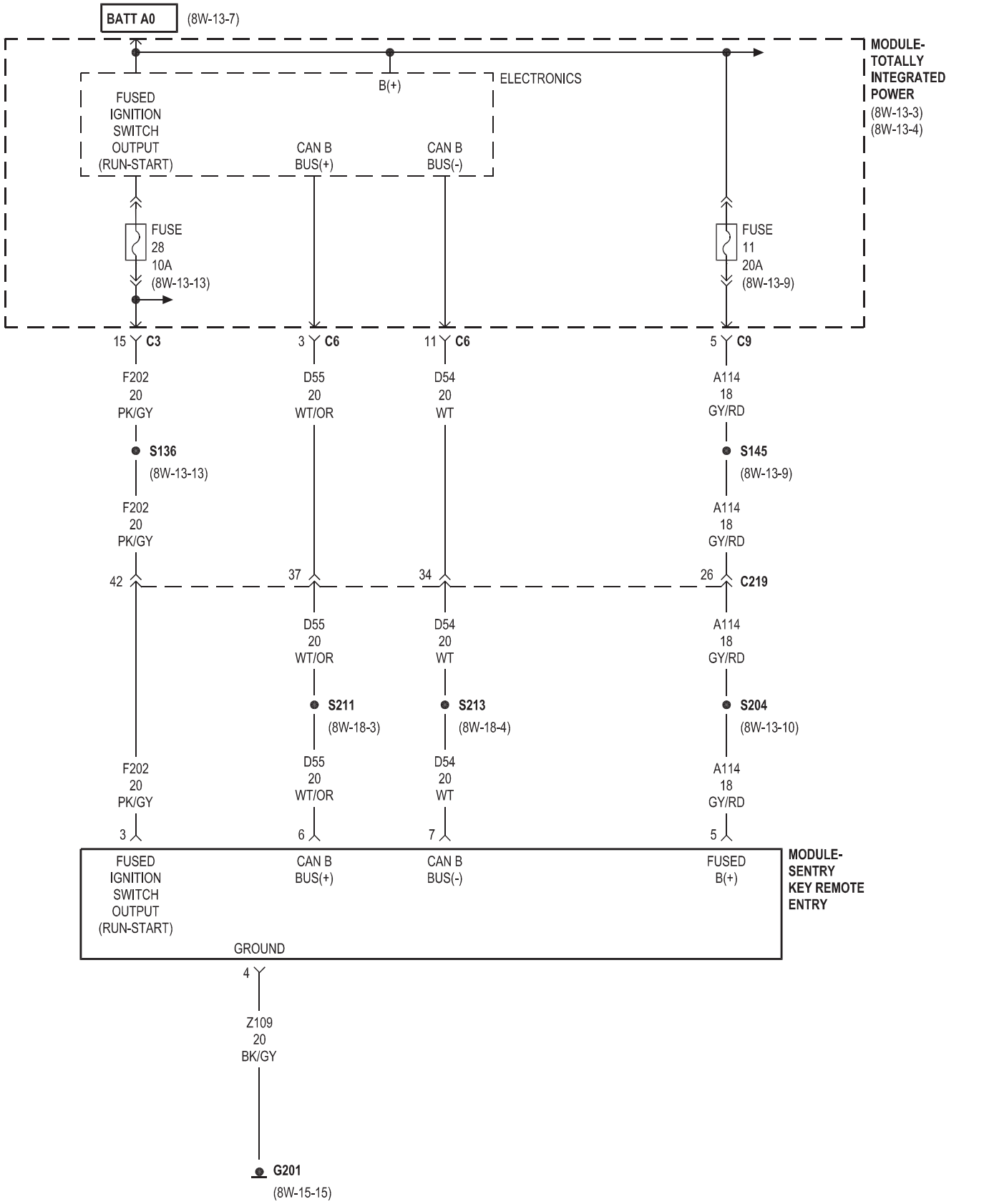

| Component | Page |
|---|---|
| Fuse 13 | 8W-35-2 |
| Fuse 18 | 8W-35-2 |
| Fuse 28 | 8W-35-2 |
| G104 | 8W-35-2 |
| G106 | 8W-35-2 |
| G201 | 8W-35-3 |
| Module-Anti-Lock Brakes | 8W-35-2, 3 |
| Module-Powertrain Control | 8W-35-2, 3 |
| Module-Totally Integrated Power | 8W-35-2 |
| Sensor-Brake Fluid 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 |

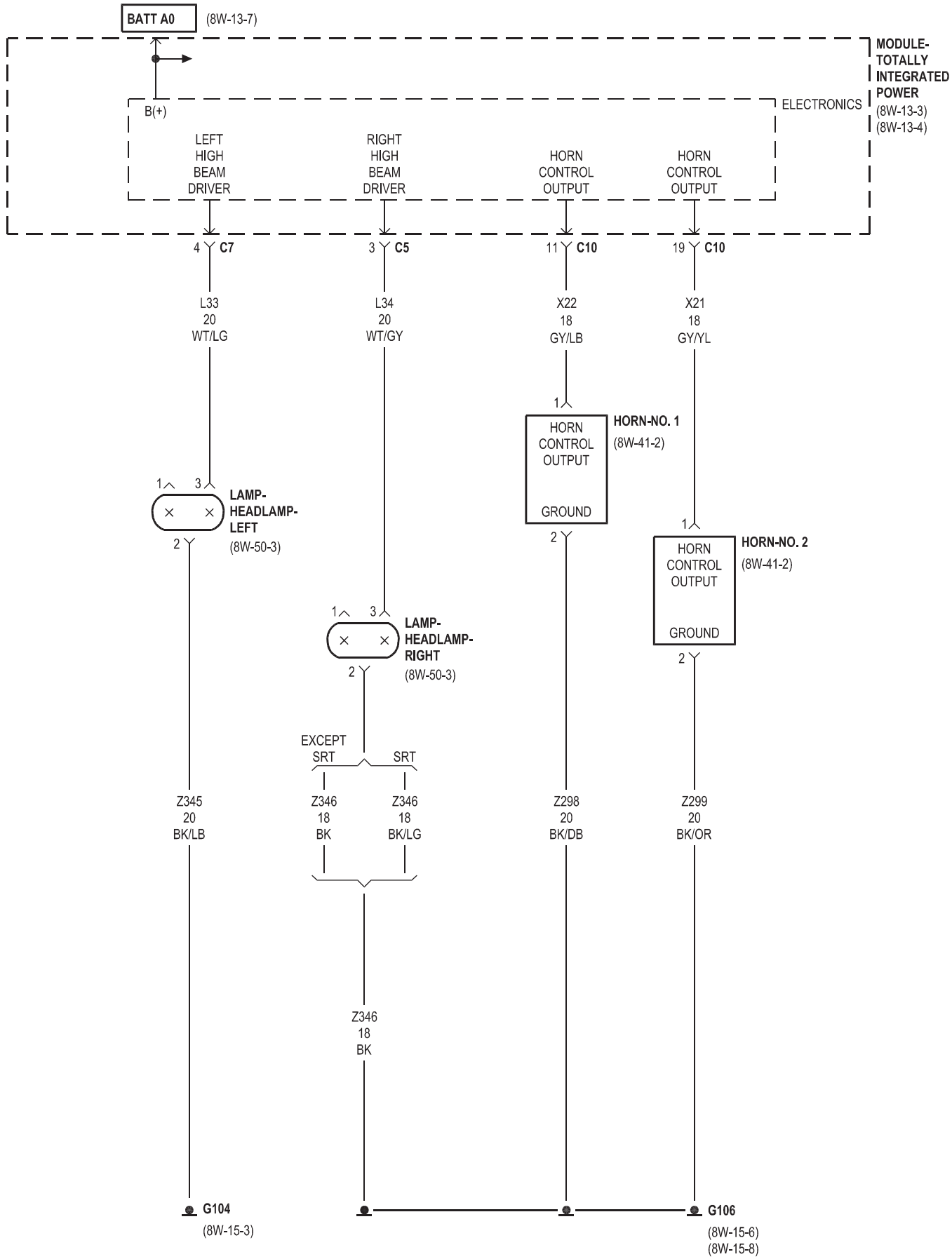

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
BRAKE
FLUID
LEVEL
SWITCH
SENSE
CAN C
BUS (+)
CAN C
BUS (-)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSE
28
10A
(8W-13-13)
FUSE
13
25A
(8W-13-11)
FUSE
18
40A
(8W-13-12)
MODULE-
POWERTRAIN
CONTROL
(8W-30-11)
VEHICLE
SPEED
SIGNAL NO. 1
12 C2
1 C6
9 C6
15 C3
1 C9
12 C9
27 C2
D65
20
WT/LG
D64
20
WT/LB
F202
20
PK/GY
K75
20
DB/OR
S012
(8W-18-5)
S011
(8W-18-6)
S136
(8W-13-13)
22 C130
B20
20
DG/OR
D65
20
WT/LG
D64
20
WT/LB
F202
20
PK/GY
A111
14
DG/RD
A107
12
TN/RD
K75
20
DB/OR
3
18
32
2
31
21
CAN C
BUS (+)
CAN C
BUS (-)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSED
B(+)
FUSED
B(+)
VEHICLE
SPEED
SIGNAL NO. 1
MODULE-
ANTI-
LOCK
BRAKES
GROUND
GROUND
45
16
2
SENSOR-
BRAKE
FLUID
LEVEL
1
Z420
20
BK/OR
Z127
12
BK/DG
Z107
14
BK/DG
G104
(8W-15-3)
G106
(8W-15-5)

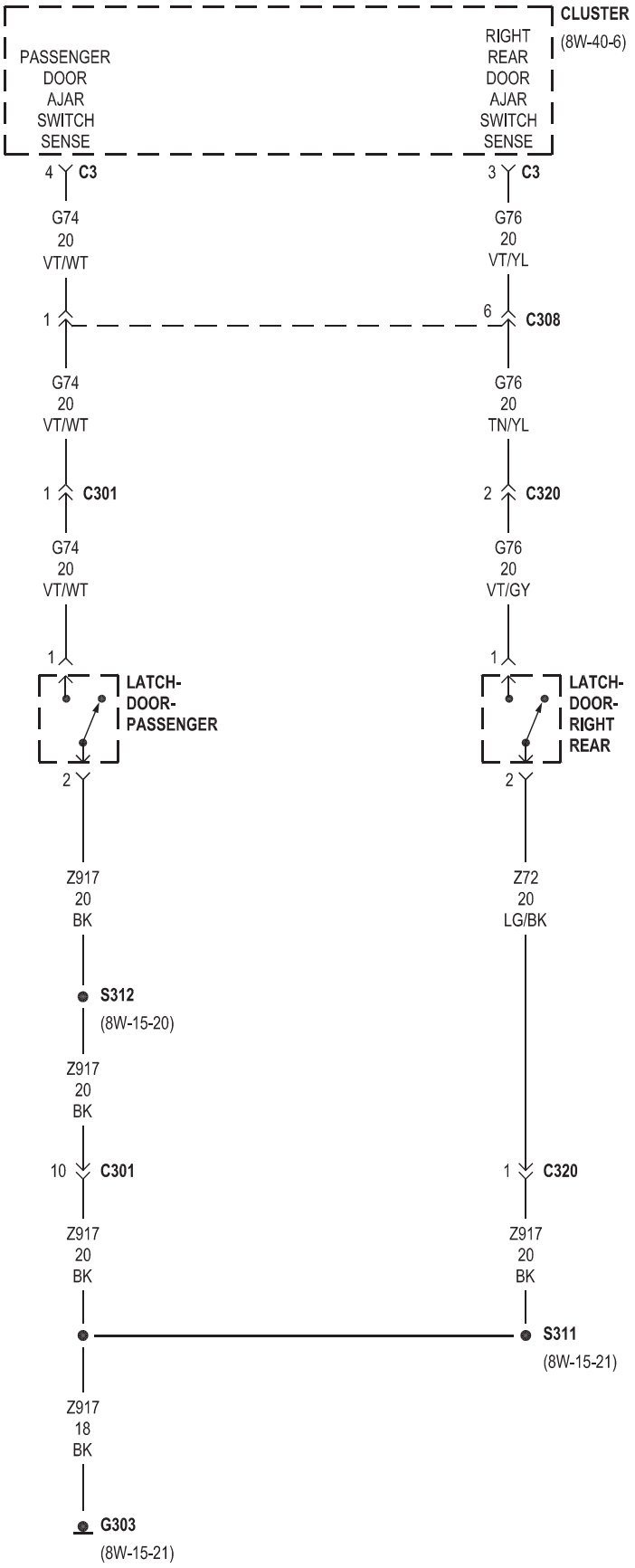

SENSOR-WHEEL SPEED-ABS-LEFT FRONT
SENSOR-WHEEL SPEED-ABS-REAR
SENSOR-WHEEL SPEED-ABS-RIGHT FRONT
TWISTED PAIR
B22 18 DG/YL
B222 18 DG/WT
C135
B8 20 DG/TN
B9 20 DG/LG
B22 20 DG/YL
B222 20 DG/WT
B6 20 DG/WT
B7 20 DG/VT
LEFT FRONT WHEEL SPEED SENSOR (-)
LEFT FRONT WHEEL SPEED SENSOR (+)
REAR WHEEL SPEED SENSOR (-)
REAR WHEEL SPEED SENSOR (+)
RIGHT FRONT WHEEL SPEED SENSOR (-)
RIGHT FRONT WHEEL SPEED SENSOR (+)
MODULE-ANTI-LOCK BRAKES
BRAKE SWITCH NO. 1 SIGNAL
B29 20 DG/WT
S121
(8W-33-3)
DIESEL
GAS
B29 18 DG/WT
C130
NOT USED
C3
BRAKE SWITCH NO. 1 SIGNAL
MODULE-POWERTRAIN CONTROL
(8W-30-10)
C219
SWITCH-STOP LAMP
(8W-33-2)
Z429 20 BK/OR
G201
(8W-15-14)
SRT
EXCEPT SRT

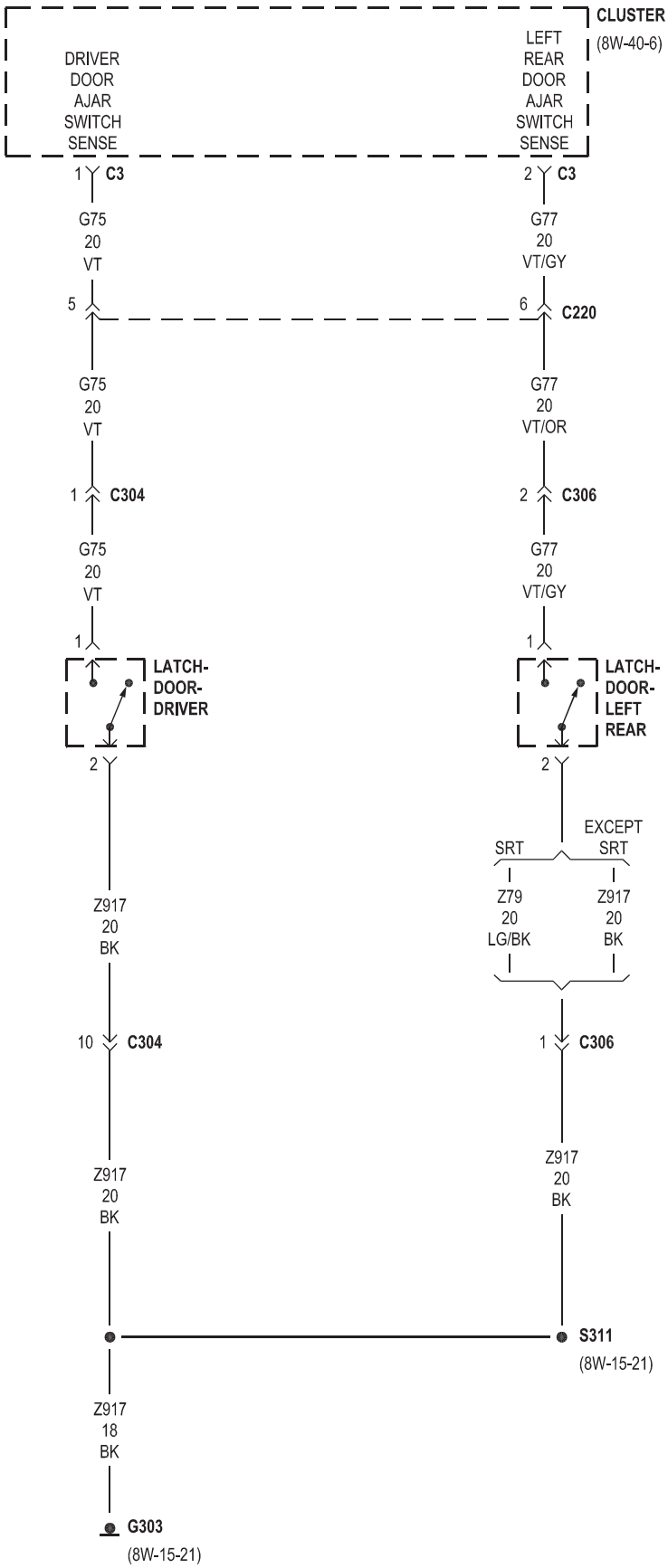
# 8W-39 VEHICLE THEFT SECURITY SYSTEM


| 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 |


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
CAN B
BUS(+)
CAN B
BUS(-)
FUSE
28
10A
(8W-13-13)
FUSE
11
20A
(8W-13-9)
15 C3
3 C6
11 C6
5 C9
F202
20
PK/GY
D55
20
WT/OR
D54
20
WT
A114
18
GY/RD
S136
(8W-13-13)
S145
(8W-13-9)
42
37
34
26 C219
S211
(8W-18-3)
S213
(8W-18-4)
S204
(8W-13-10)
3
6
7
5
MODULE-
SENTRY
KEY REMOTE
ENTRY
GROUND
4
Z109
20
BK/GY
G201
(8W-15-15)

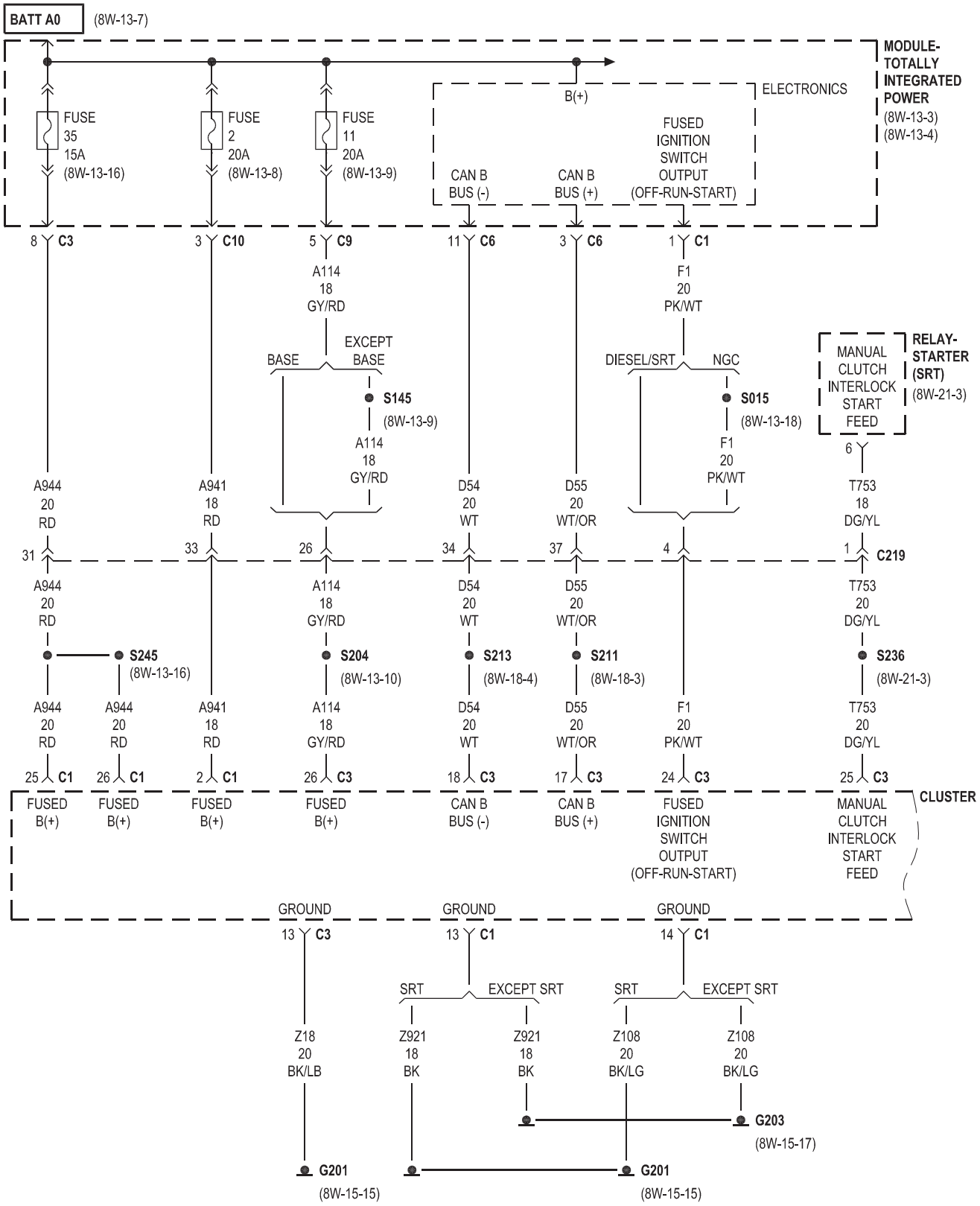

BATT A0
(8W-13-7)
B(+)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
LEFT
HIGH
BEAM
DRIVER
RIGHT
HIGH
BEAM
DRIVER
HORN
CONTROL
OUTPUT
HORN
CONTROL
OUTPUT
4 C7
3 C5
11 C10
19 C10
L33
20
WT/LG
L34
20
WT/GY
X22
18
GY/LB
X21
18
GY/YL
1
3
LAMP-
HEADLAMP-
LEFT
(8W-50-3)
2
1
3
LAMP-
HEADLAMP-
RIGHT
(8W-50-3)
2
1
HORN
CONTROL
OUTPUT
GROUND
2
HORN-NO. 1
(8W-41-2)
1
HORN
CONTROL
OUTPUT
GROUND
2
HORN-NO. 2
(8W-41-2)
EXCEPT
SRT
SRT
Z345
20
BK/LB
Z346
18
BK
Z346
18
BK/LG
Z298
20
BK/DB
Z299
20
BK/OR
Z346
18
BK
G104
(8W-15-3)
G106
(8W-15-6)
(8W-15-8)

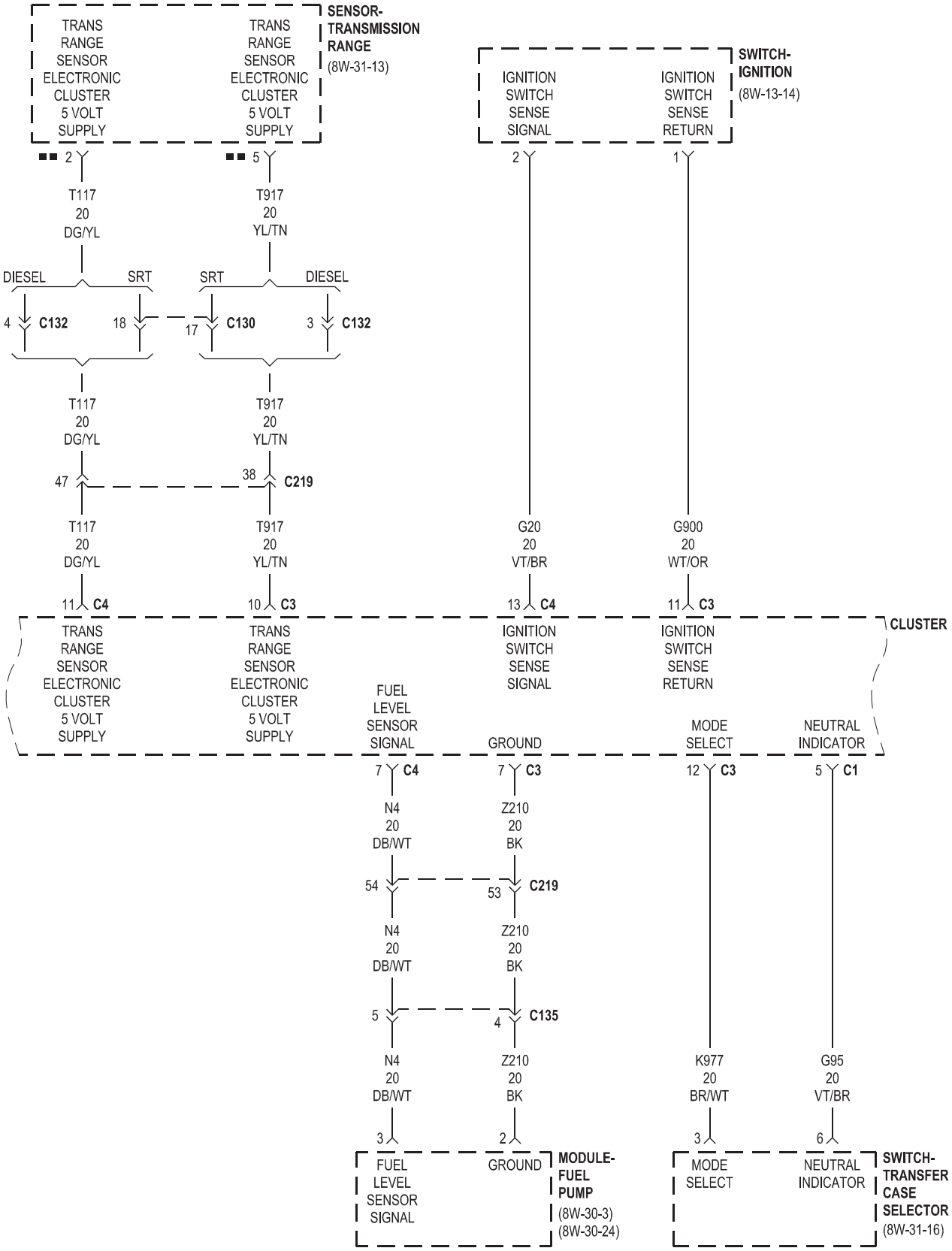

CLUSTER
(8W-40-6)
PASSENGER DOOR AJAR SWITCH SENSE
RIGHT REAR DOOR AJAR SWITCH SENSE
4 C3
3 C3
G74 20 VT/WT
G76 20 VT/YL
1
6 C308
G74 20 VT/WT
G76 20 TN/YL
1 C301
2 C320
G74 20 VT/WT
G76 20 VT/GY
1
1
LATCH-DOOR-PASSENGER
LATCH-DOOR-RIGHT REAR
2
2
Z917 20 BK
Z72 20 LG/BK
S312
(8W-15-20)
Z917 20 BK
10 C301
1 C320
Z917 20 BK
Z917 20 BK
S311
(8W-15-21)
Z917 18 BK
G303
(8W-15-21)


CLUSTER
(8W-40-6)
DRIVER DOOR AJAR SWITCH SENSE
LEFT REAR DOOR AJAR SWITCH SENSE
1 C3
2 C3
G75 20 VT
G77 20 VT/GY
5
6 C220
G75 20 VT
G77 20 VT/OR
1 C304
2 C306
G75 20 VT
G77 20 VT/GY
1
1
LATCH-DOOR-DRIVER
LATCH-DOOR-LEFT REAR
2
2
EXCEPT SRT
SRT
Z917 20 BK
Z79 20 LG/BK
Z917 20 BK
10 C304
1 C306
Z917 20 BK
Z917 20 BK
S311
(8W-15-21)
Z917 18 BK
G303
(8W-15-21)

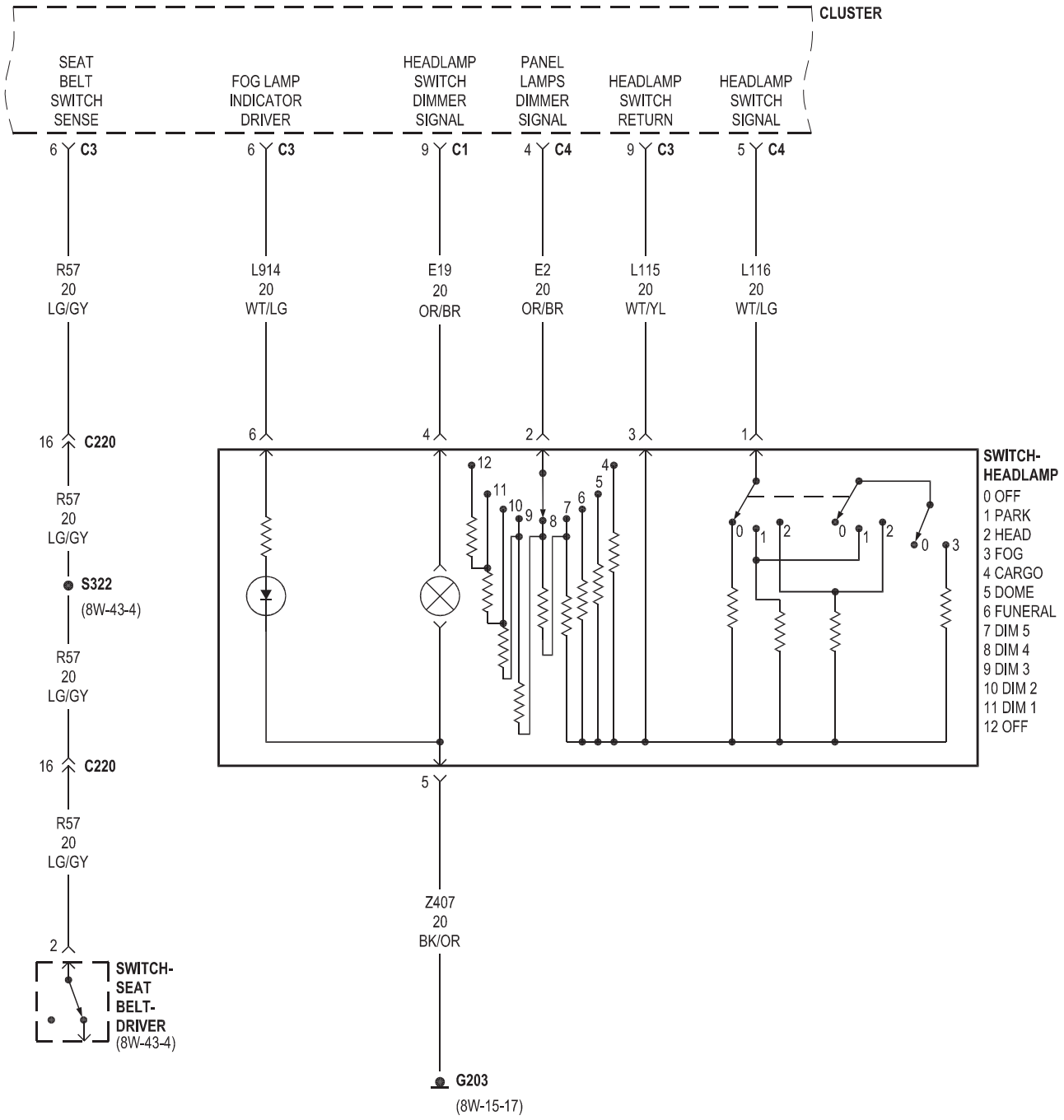
# 8W-40 INSTRUMENT CLUSTER


| 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 |

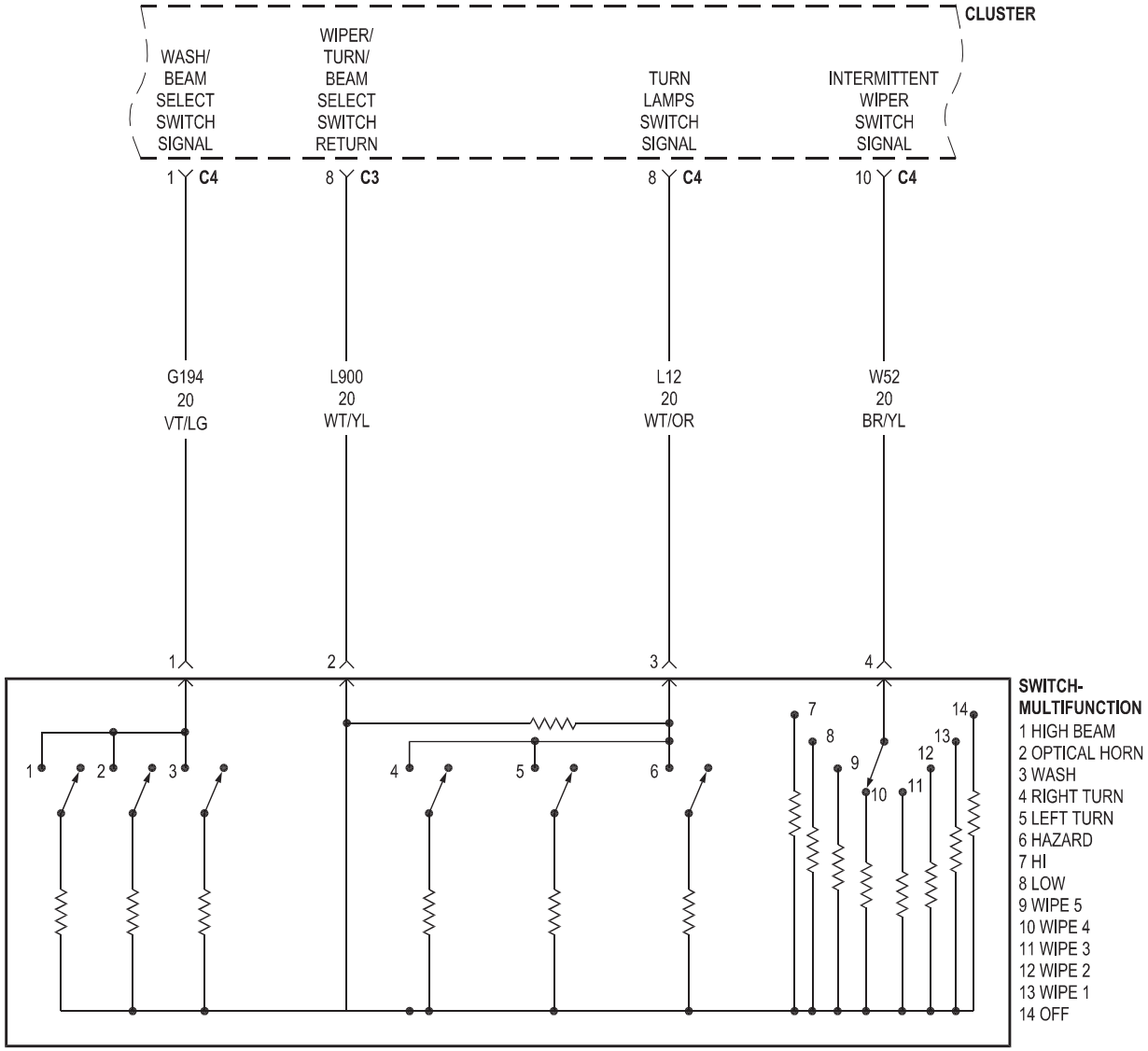

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSE 35 15A (8W-13-16)
FUSE 2 20A (8W-13-8)
FUSE 11 20A (8W-13-9)
CAN B BUS (-)
CAN B BUS (+)
FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START)
8 C3
3 C10
5 C9
11 C6
3 C6
1 C1
A114 18 GY/RD
F1 20 PK/WT
EXCEPT BASE
BASE
DIESEL/SRT
NGC
S145
(8W-13-9)
S015
(8W-13-18)
MANUAL CLUTCH INTERLOCK START FEED
RELAY-STARTER (SRT)
(8W-21-3)
6
A944 20 RD
A941 18 RD
D54 20 WT
D55 20 WT/OR
T753 18 DG/YL
31
33
26
34
37
4
1 C219
S245
(8W-13-16)
S204
(8W-13-10)
S213
(8W-18-4)
S211
(8W-18-3)
S236
(8W-21-3)
25 C1
26 C1
2 C1
26 C3
18 C3
17 C3
24 C3
25 C3
CLUSTER
FUSED B(+)
CAN B BUS (-)
CAN B BUS (+)
MANUAL CLUTCH INTERLOCK START FEED
GROUND
13 C3
13 C1
14 C1
SRT
EXCEPT SRT
Z18 20 BK/LB
Z921 18 BK
Z108 20 BK/LG
G203
(8W-15-17)
G201
(8W-15-15)


SENSOR-TRANSMISSION RANGE
(8W-31-13)
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
SWITCH-IGNITION
(8W-13-14)
IGNITION SWITCH SENSE SIGNAL
IGNITION SWITCH SENSE RETURN
■■ 2
■■ 5
2
1
T117 20 DG/YL
T917 20 YL/TN
DIESEL
SRT
SRT
DIESEL
4 C132
18
17 C130
3 C132
T117 20 DG/YL
T917 20 YL/TN
47
38 C219
T117 20 DG/YL
T917 20 YL/TN
G20 20 VT/BR
G900 20 WT/OR
11 C4
10 C3
13 C4
11 C3
CLUSTER
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY
IGNITION SWITCH SENSE SIGNAL
IGNITION SWITCH SENSE RETURN
FUEL LEVEL SENSOR SIGNAL
GROUND
MODE SELECT
NEUTRAL INDICATOR
7 C4
7 C3
12 C3
5 C1
N4 20 DB/WT
Z210 20 BK
54
53 C219
N4 20 DB/WT
Z210 20 BK
5
4 C135
N4 20 DB/WT
Z210 20 BK
K977 20 BR/WT
G95 20 VT/BR
3
2
3
6
FUEL LEVEL SENSOR SIGNAL
GROUND
MODULE-FUEL PUMP
(8W-30-3)
(8W-30-24)
MODE SELECT
NEUTRAL INDICATOR
SWITCH-TRANSFER CASE SELECTOR
(8W-31-16)

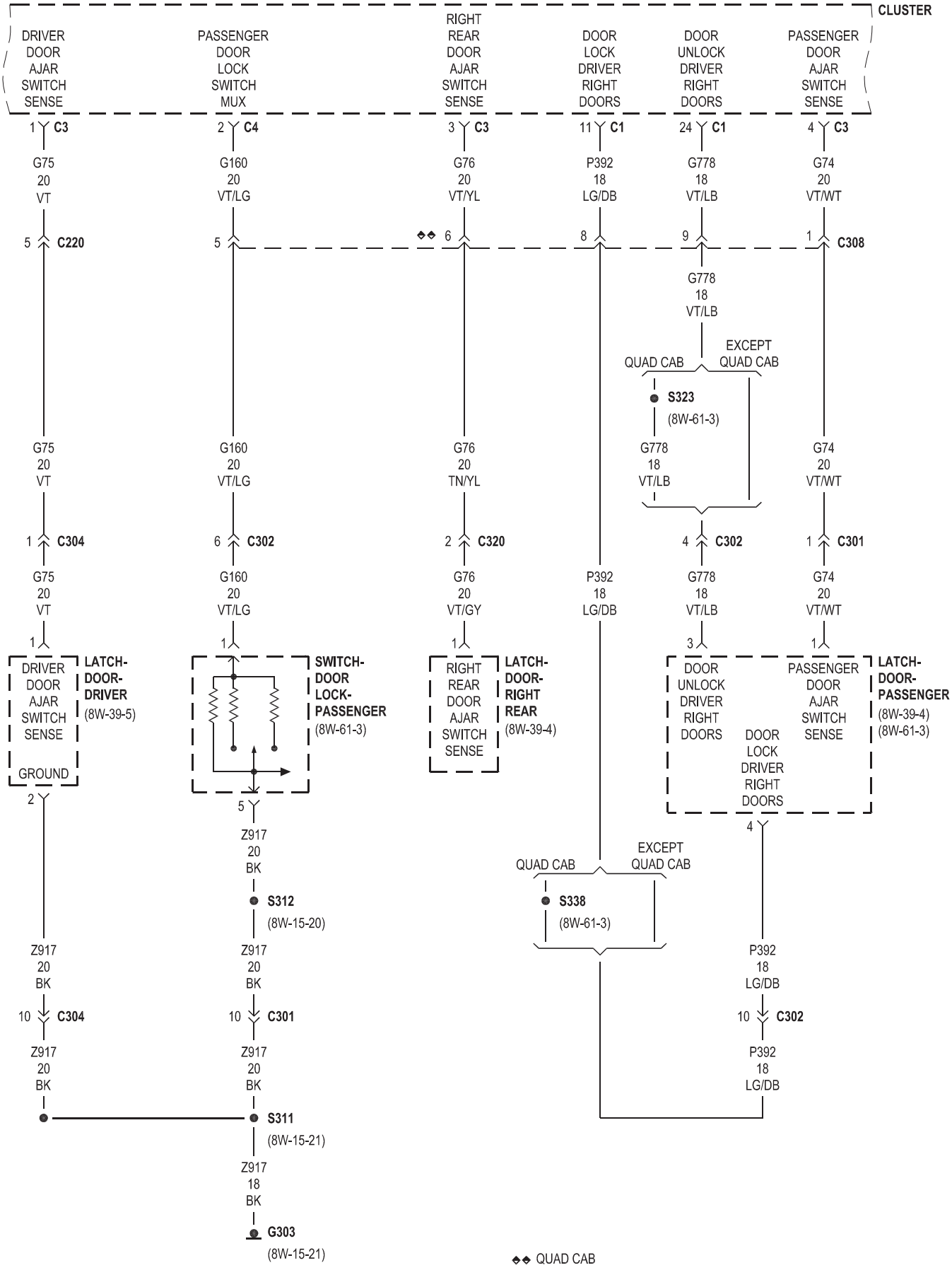
■■ A/T


CLUSTER
SEAT BELT SWITCH SENSE
FOG LAMP INDICATOR DRIVER
HEADLAMP SWITCH DIMMER SIGNAL
PANEL LAMPS DIMMER SIGNAL
HEADLAMP SWITCH RETURN
HEADLAMP SWITCH SIGNAL
6 C3
6 C3
9 C1
4 C4
9 C3
5 C4
R57 20 LG/GY
L914 20 WT/LG
E19 20 OR/BR
E2 20 OR/BR
L115 20 WT/YL
L116 20 WT/LG
16 C220
R57 20 LG/GY
S322
(8W-43-4)
R57 20 LG/GY
16 C220
R57 20 LG/GY
2
SWITCH- SEAT BELT- DRIVER
(8W-43-4)
6
4
2
3
1
5
SWITCH- HEADLAMP
0 OFF
1 PARK
2 HEAD
3 FOG
4 CARGO
5 DOME
6 FUNERAL
7 DIM 5
8 DIM 4
9 DIM 3
10 DIM 2
11 DIM 1
12 OFF
Z407 20 BK/OR
G203
(8W-15-17)

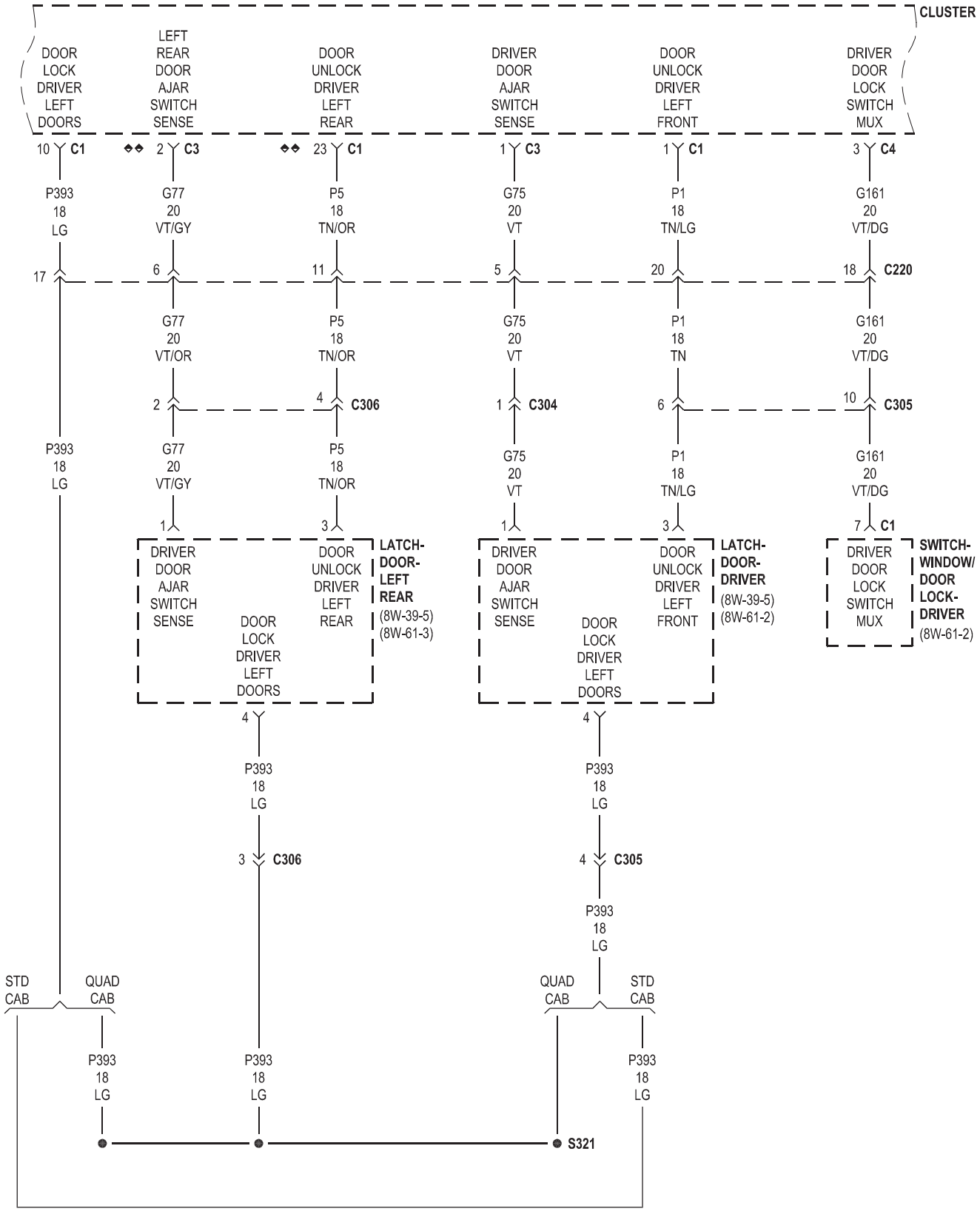
## EXCEPT BASE


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

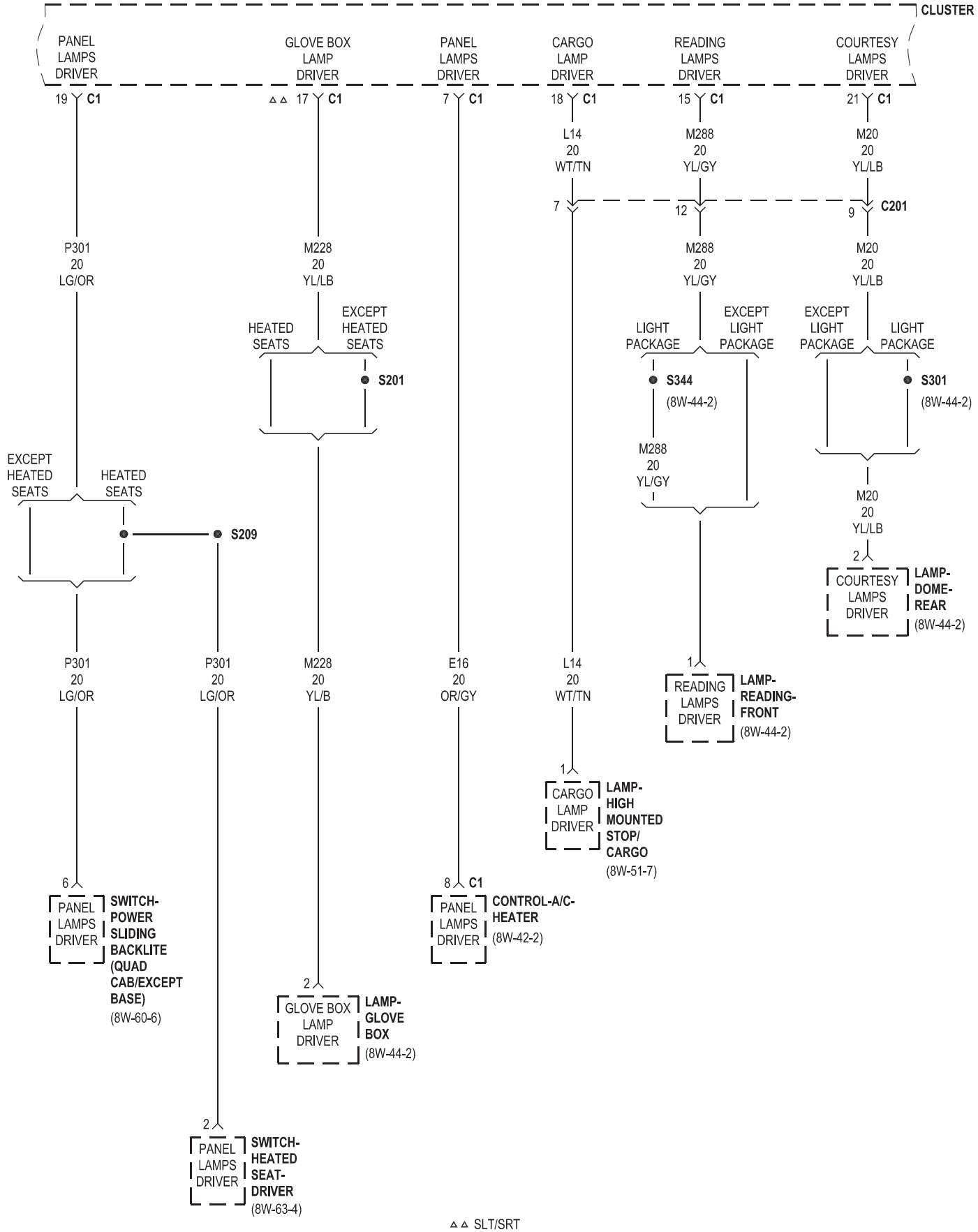
## EXCEPT BASE

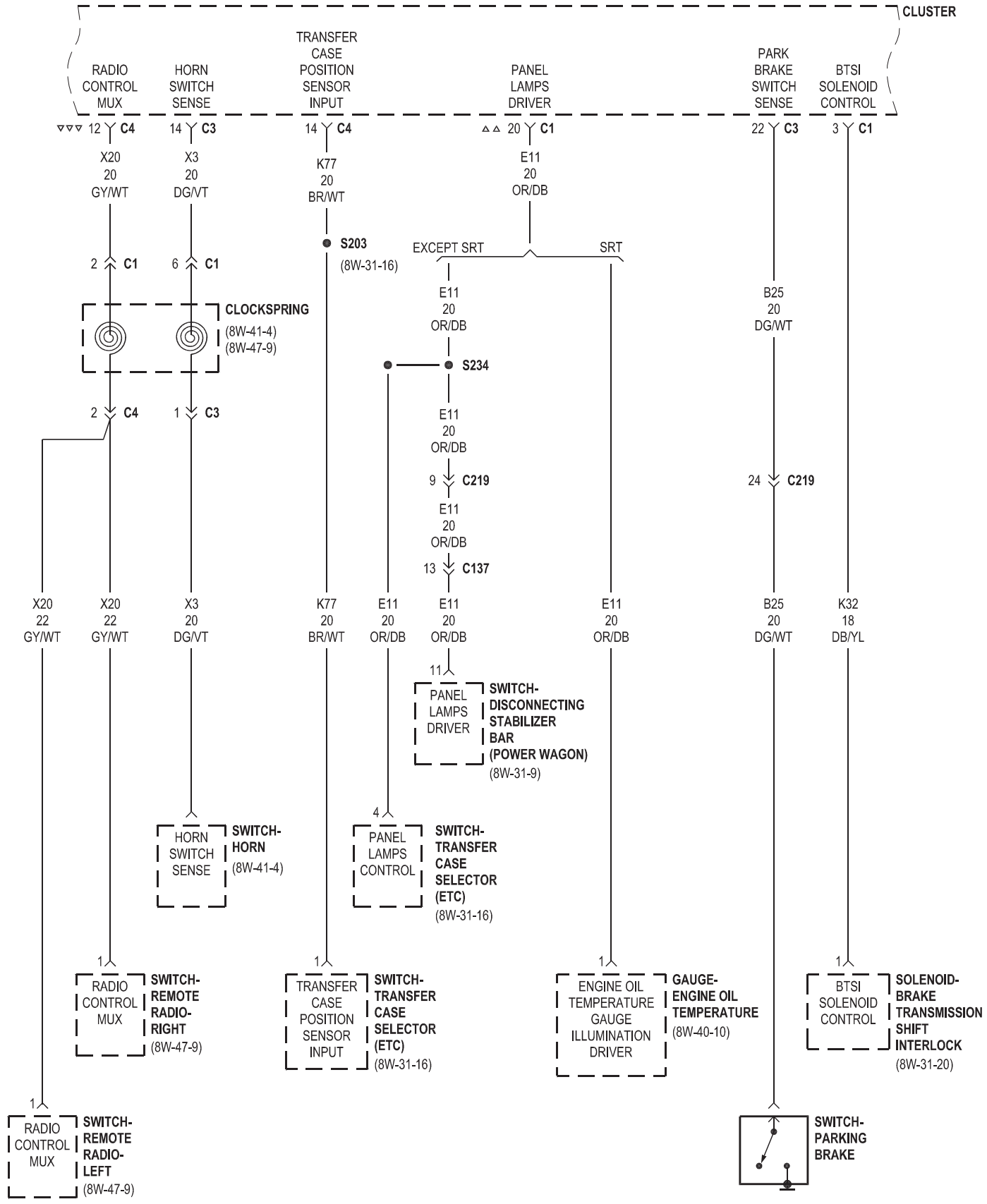


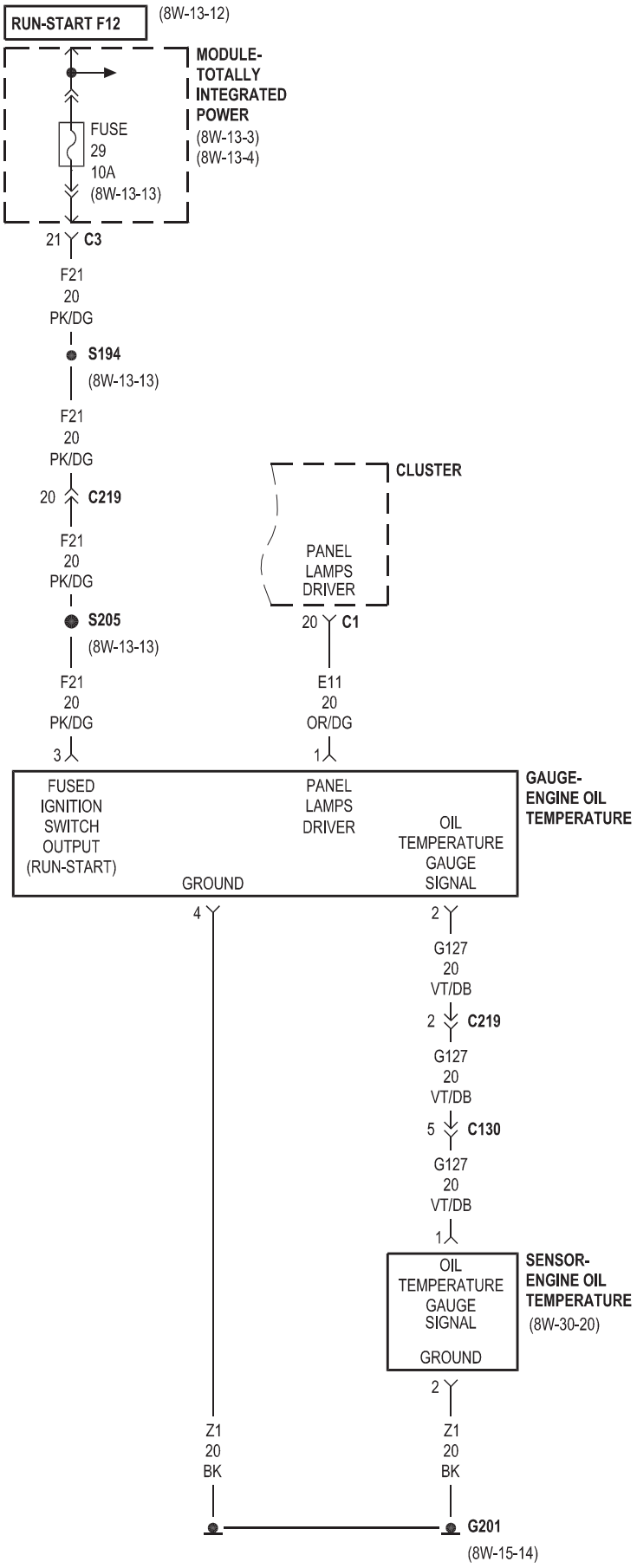

◆◆ QUAD CAB


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

◆◆ QUAD CAB

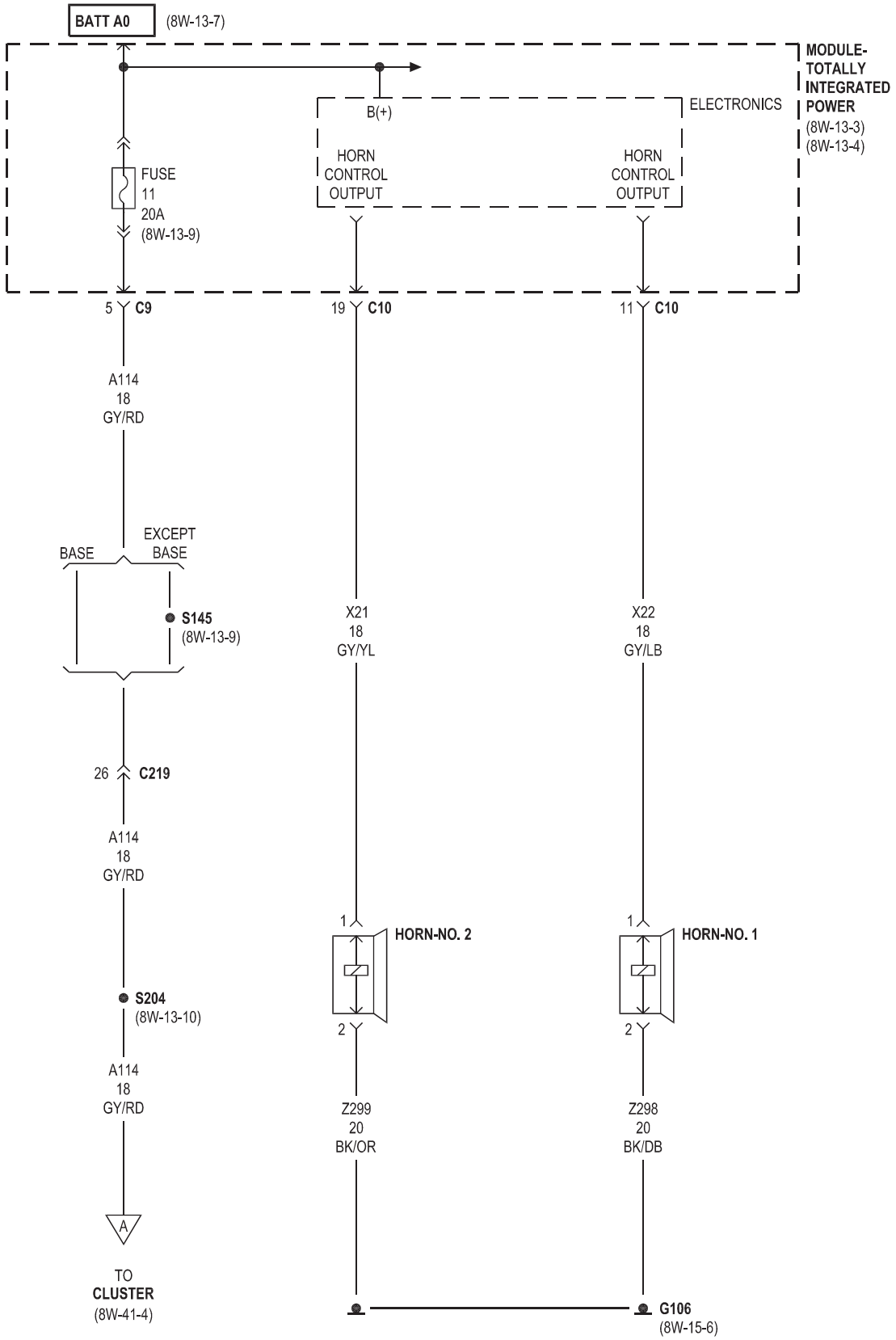

CLUSTER
PANEL LAMPS DRIVER
GLOVE BOX LAMP DRIVER
PANEL LAMPS DRIVER
CARGO LAMP DRIVER
READING LAMPS DRIVER
COURTESY LAMPS DRIVER
19 C1
△△ 17 C1
7 C1
18 C1
15 C1
21 C1
L14 20 WT/TN
M288 20 YL/GY
M20 20 YL/LB
7
12
9 C201
P301 20 LG/OR
M228 20 YL/LB
M288 20 YL/GY
M20 20 YL/LB
HEATED SEATS
EXCEPT HEATED SEATS
S201
LIGHT PACKAGE
EXCEPT LIGHT PACKAGE
S344
(8W-44-2)
EXCEPT LIGHT PACKAGE
LIGHT PACKAGE
S301
(8W-44-2)
EXCEPT HEATED SEATS
HEATED SEATS
S209
M288 20 YL/GY
M20 20 YL/LB
2
COURTESY LAMPS DRIVER
LAMP-DOME-REAR
(8W-44-2)
P301 20 LG/OR
P301 20 LG/OR
M228 20 YL/B
E16 20 OR/GY
L14 20 WT/TN
1
READING LAMPS DRIVER
LAMP-READING-FRONT
(8W-44-2)
1
CARGO LAMP DRIVER
LAMP-HIGH MOUNTED STOP/CARGO
(8W-51-7)
6
PANEL LAMPS DRIVER
SWITCH-POWER SLIDING BACKLITE (QUAD CAB/EXCEPT BASE)
(8W-60-6)
8 C1
PANEL LAMPS DRIVER
CONTROL-A/C-HEATER
(8W-42-2)
2
GLOVE BOX LAMP DRIVER
LAMP-GLOVE BOX
(8W-44-2)
2
PANEL LAMPS DRIVER
SWITCH-HEATED SEAT-DRIVER
(8W-63-4)
△△ SLT/SRT
△△△ SLT+/SRT

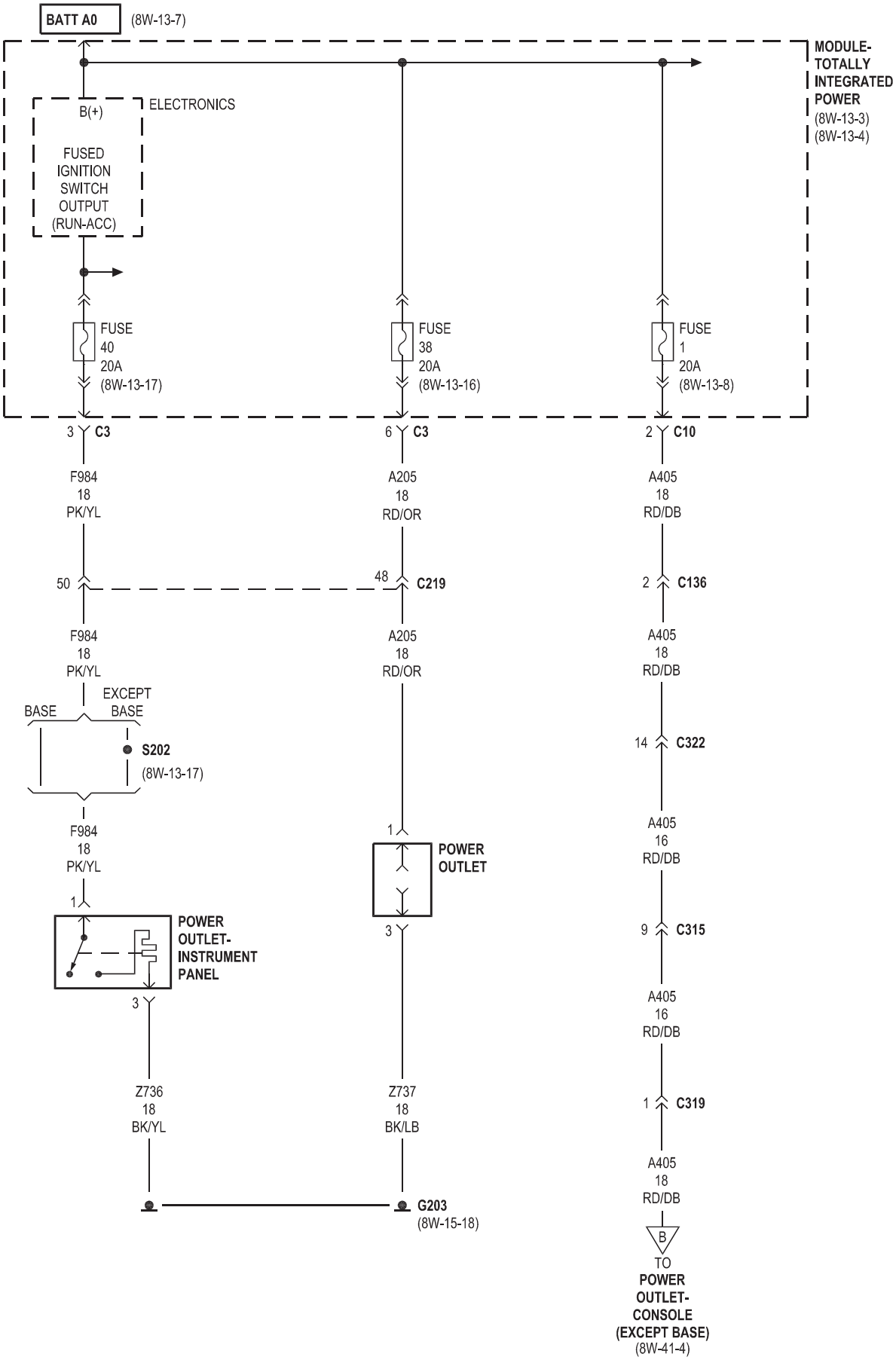

CLUSTER
RADIO CONTROL MUX
HORN SWITCH SENSE
TRANSFER CASE POSITION SENSOR INPUT
PANEL LAMPS DRIVER
PARK BRAKE SWITCH SENSE
BTSI SOLENOID CONTROL
▽▽▽ 12 C4
14 C3
14 C4
△△ 20 C1
22 C3
3 C1
X20 20 GY/WT
X3 20 DG/VT
K77 20 BR/WT
E11 20 OR/DB
S203
(8W-31-16)
EXCEPT SRT
SRT
2 C1
6 C1
E11 20 OR/DB
B25 20 DG/WT
CLOCKSPRING
(8W-41-4)
(8W-47-9)
S234
2 C4
1 C3
E11 20 OR/DB
9 C219
24 C219
E11 20 OR/DB
13 C137
X20 22 GY/WT
X20 22 GY/WT
X3 20 DG/VT
K77 20 BR/WT
E11 20 OR/DB
E11 20 OR/DB
E11 20 OR/DB
B25 20 DG/WT
K32 18 DB/YL
11
PANEL LAMPS DRIVER
SWITCH-DISCONNECTING STABILIZER BAR (POWER WAGON)
(8W-31-9)
HORN SWITCH SENSE
SWITCH-HORN
(8W-41-4)
4
PANEL LAMPS CONTROL
SWITCH-TRANSFER CASE SELECTOR (ETC)
(8W-31-16)
1
RADIO CONTROL MUX
SWITCH-REMOTE RADIO-RIGHT
(8W-47-9)
1
TRANSFER CASE POSITION SENSOR INPUT
SWITCH-TRANSFER CASE SELECTOR (ETC)
(8W-31-16)
1
ENGINE OIL TEMPERATURE GAUGE ILLUMINATION DRIVER
GAUGE-ENGINE OIL TEMPERATURE
(8W-40-10)
1
BTSI SOLENOID CONTROL
SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK
(8W-31-20)
1
RADIO CONTROL MUX
SWITCH-REMOTE RADIO-LEFT
(8W-47-9)
SWITCH-PARKING BRAKE
△△ SLT/SRT
▽▽▽ PREMIUM
▼▼▼▼ POWER WAGON

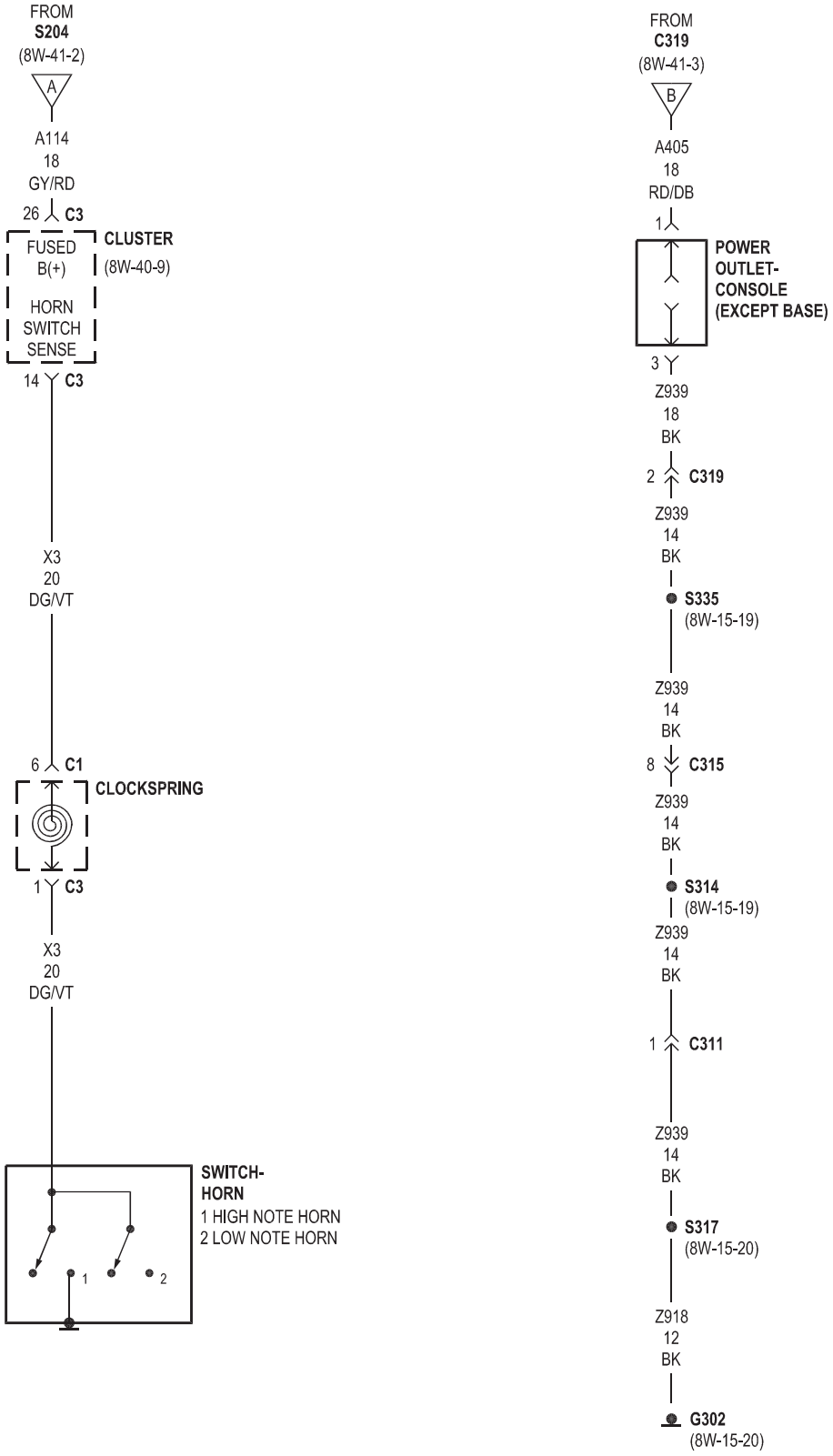

RUN-START F12
(8W-13-12)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
29
10A
(8W-13-13)
21 C3
F21
20
PK/DG
S194
(8W-13-13)
F21
20
PK/DG
20 C219
F21
20
PK/DG
S205
(8W-13-13)
F21
20
PK/DG
3
CLUSTER
PANEL
LAMPS
DRIVER
20 C1
E11
20
OR/DG
1
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
PANEL
LAMPS
DRIVER
OIL
TEMPERATURE
GAUGE
SIGNAL
GAUGE-
ENGINE OIL
TEMPERATURE
GROUND
4
2
G127
20
VT/DB
2 C219
G127
20
VT/DB
5 C130
G127
20
VT/DB
1
OIL
TEMPERATURE
GAUGE
SIGNAL
GROUND
SENSOR-
ENGINE OIL
TEMPERATURE
(8W-30-20)
2
Z1
20
BK
Z1
20
BK
G201
(8W-15-14)

# 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 |

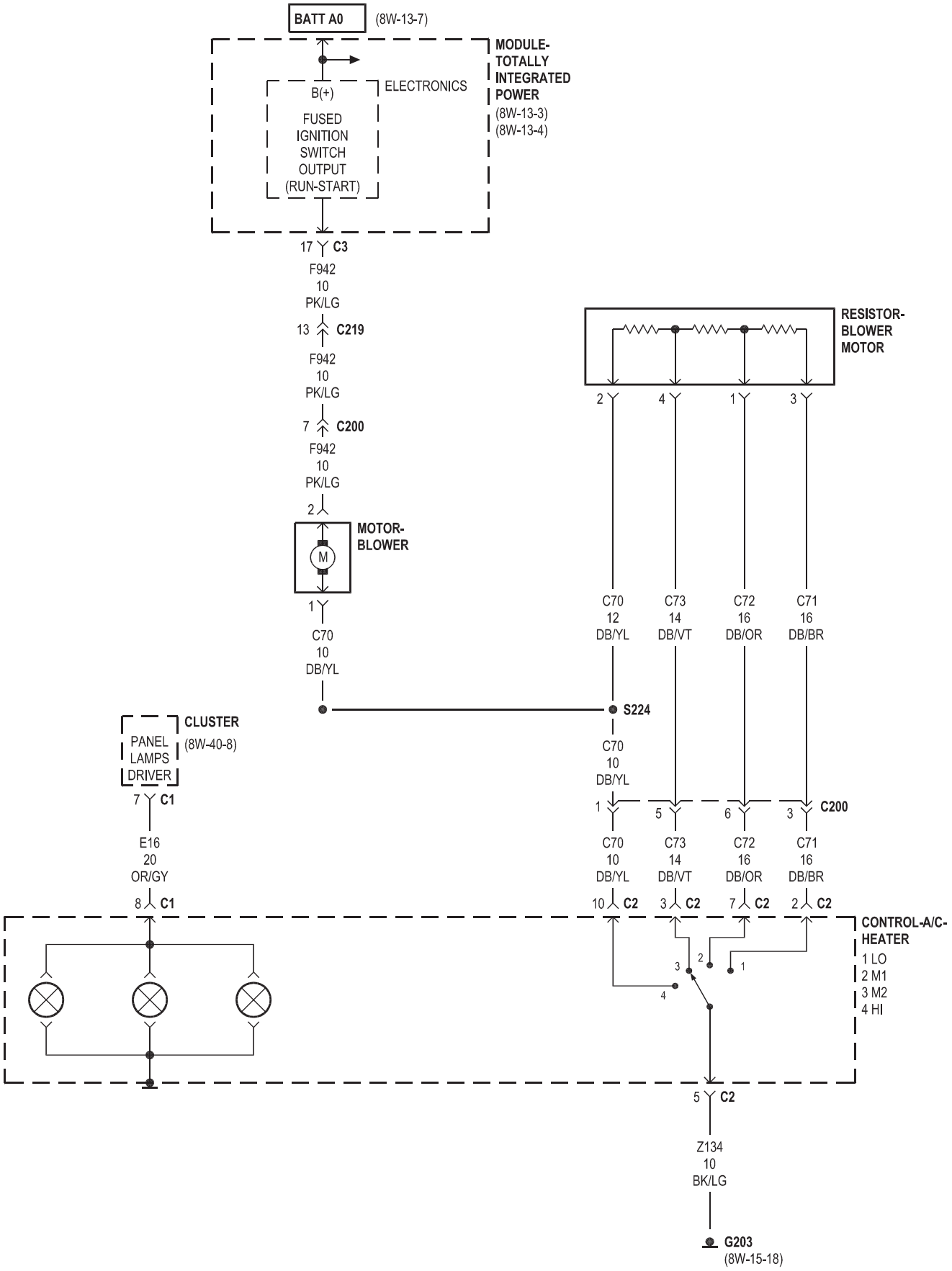

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
HORN
CONTROL
OUTPUT
HORN
CONTROL
OUTPUT
FUSE
11
20A
(8W-13-9)
5 C9
19 C10
11 C10
A114
18
GY/RD
EXCEPT
BASE
BASE
S145
(8W-13-9)
X21
18
GY/YL
X22
18
GY/LB
26 C219
A114
18
GY/RD
1
HORN-NO. 2
1
HORN-NO. 1
S204
(8W-13-10)
2
2
A114
18
GY/RD
Z299
20
BK/OR
Z298
20
BK/DB
A
TO
CLUSTER
(8W-41-4)
G106
(8W-15-6)

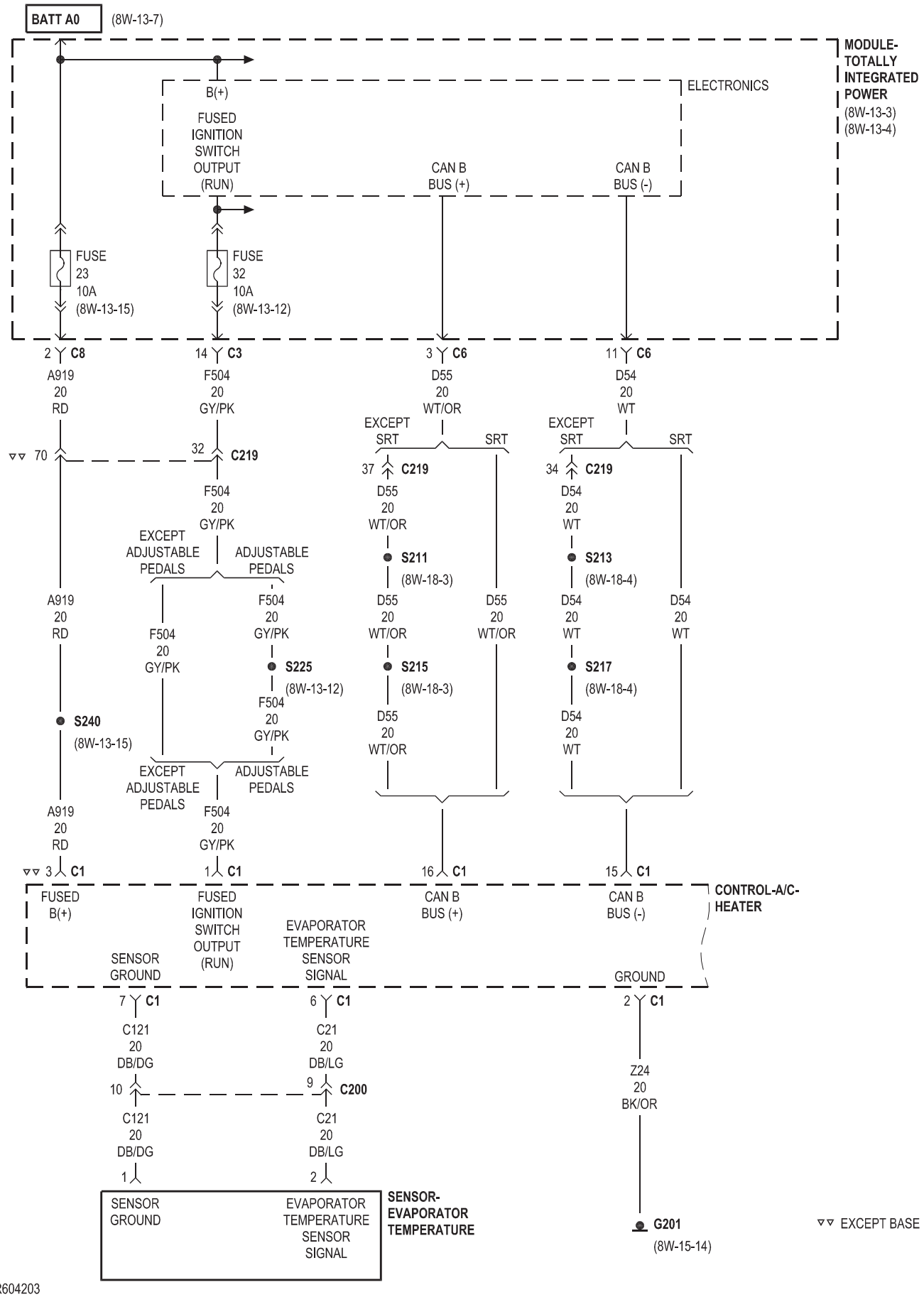

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-ACC)
FUSE
40
20A
(8W-13-17)
FUSE
38
20A
(8W-13-16)
FUSE
1
20A
(8W-13-8)
3 C3
6 C3
2 C10
F984
18
PK/YL
A205
18
RD/OR
A405
18
RD/DB
50
48 C219
2 C136
F984
18
PK/YL
A205
18
RD/OR
A405
18
RD/DB
EXCEPT
BASE
BASE
S202
(8W-13-17)
14 C322
F984
18
PK/YL
1
POWER
OUTLET
A405
16
RD/DB
1
9 C315
POWER
OUTLET-
INSTRUMENT
PANEL
3
A405
16
RD/DB
3
Z736
18
BK/YL
Z737
18
BK/LB
1 C319
A405
18
RD/DB
G203
(8W-15-18)
B
TO
POWER
OUTLET-
CONSOLE
(EXCEPT BASE)
(8W-41-4)


FROM
S204
(8W-41-2)
A
A114
18
GY/RD
26 C3
FUSED
B(+)
CLUSTER
(8W-40-9)
HORN
SWITCH
SENSE
14 C3
X3
20
DG/VT
6 C1
CLOCKSPRING
1 C3
X3
20
DG/VT
SWITCH-
HORN
1 HIGH NOTE HORN
2 LOW NOTE HORN
1
2
FROM
C319
(8W-41-3)
B
A405
18
RD/DB
1
POWER
OUTLET-
CONSOLE
(EXCEPT BASE)
3
Z939
18
BK
2 C319
Z939
14
BK
S335
(8W-15-19)
Z939
14
BK
8 C315
Z939
14
BK
S314
(8W-15-19)
Z939
14
BK
1 C311
Z939
14
BK
S317
(8W-15-20)
Z918
12
BK
G302
(8W-15-20)

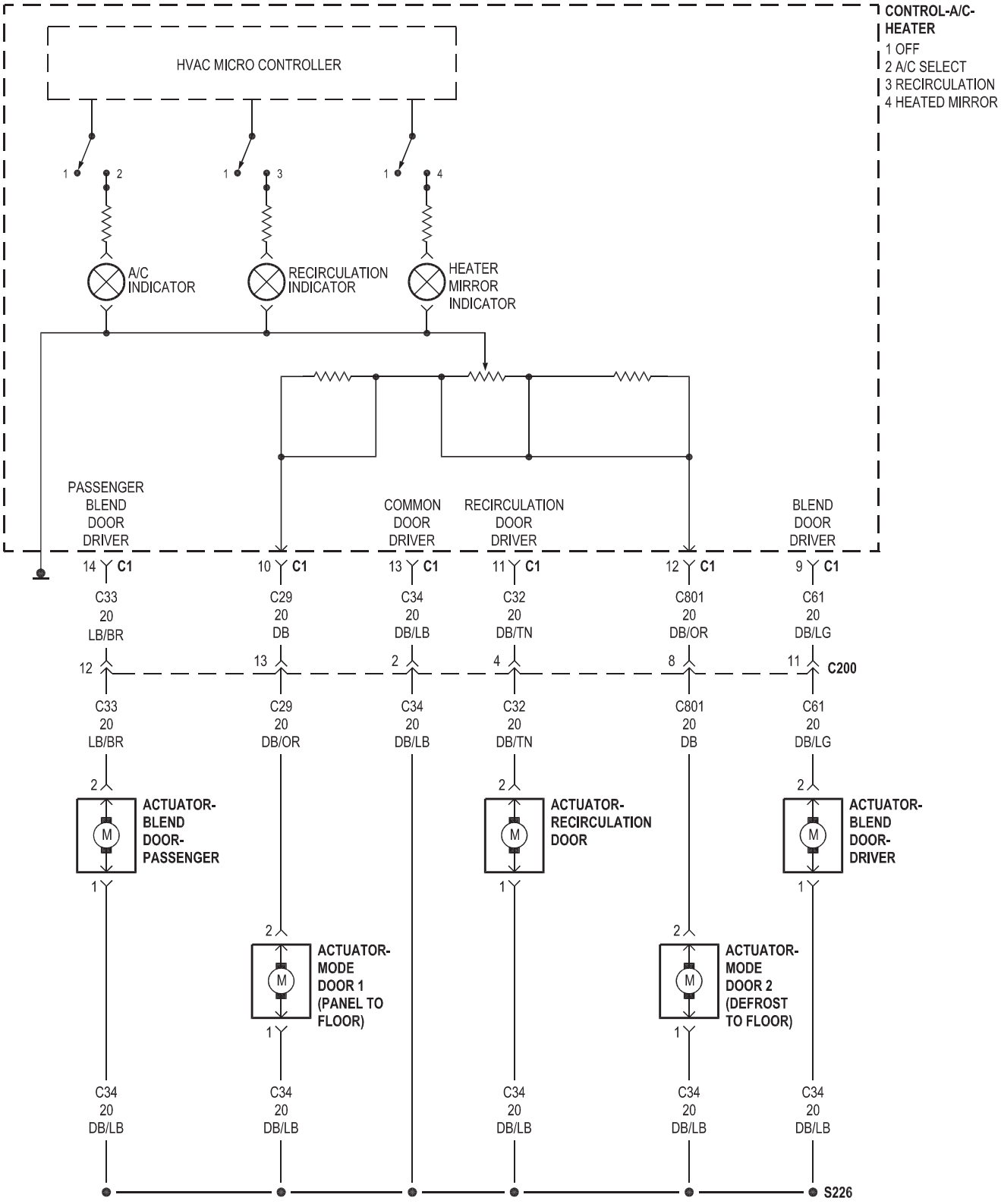
# 8W-42 AIR CONDITIONING


| 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 |

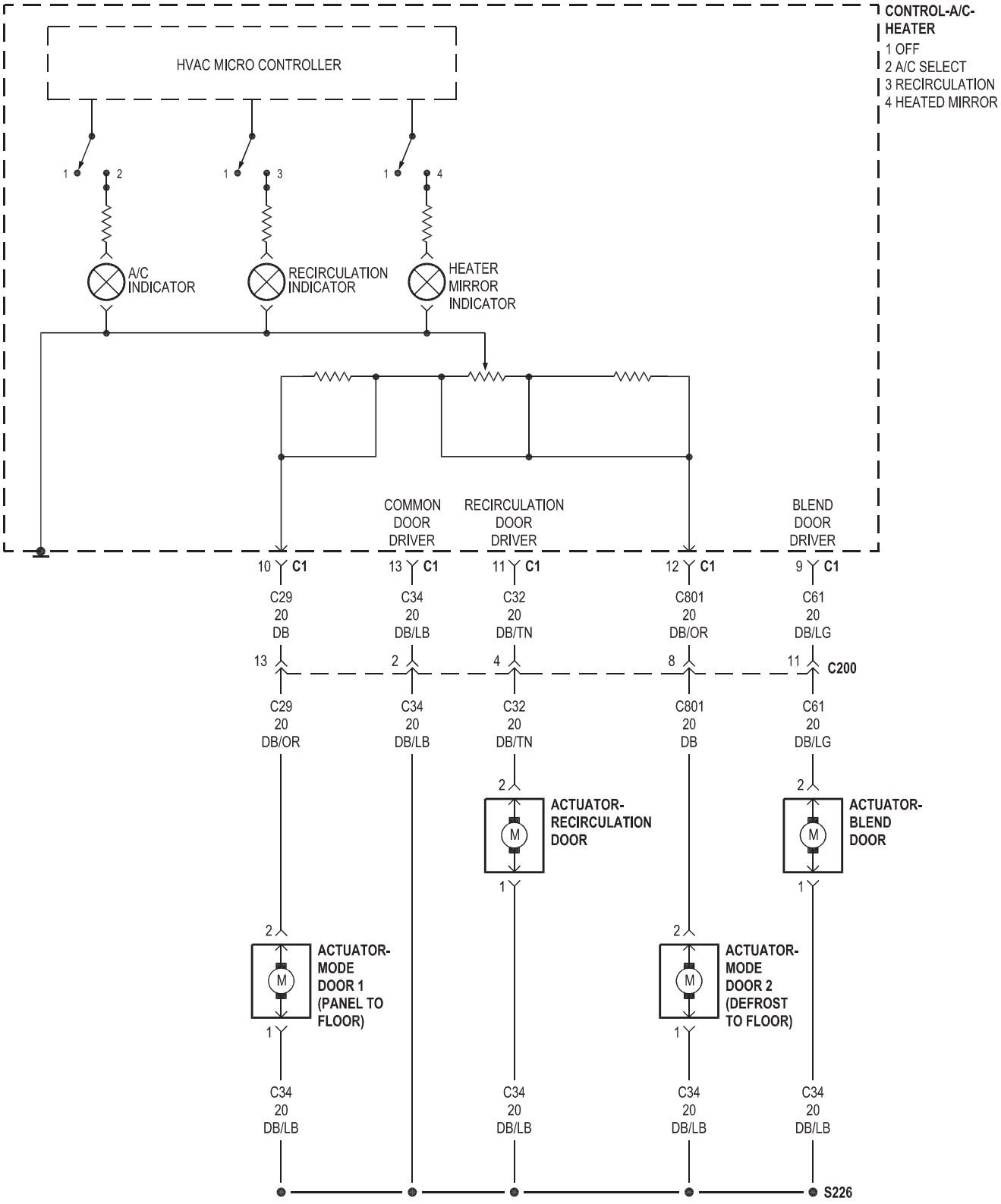

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
17 C3
F942
10
PK/LG
13 C219
F942
10
PK/LG
7 C200
F942
10
PK/LG
2
MOTOR-
BLOWER
M
1
C70
10
DB/YL
RESISTOR-
BLOWER
MOTOR
2
4
1
3
C70
12
DB/YL
C73
14
DB/VT
C72
16
DB/OR
C71
16
DB/BR
S224
C70
10
DB/YL
1
5
6
3
C200
C70
10
DB/YL
C73
14
DB/VT
C72
16
DB/OR
C71
16
DB/BR
10 C2
3 C2
7 C2
2 C2
CLUSTER
PANEL
LAMPS
DRIVER
(8W-40-8)
7 C1
E16
20
OR/GY
8 C1
CONTROL-A/C-
HEATER
1 LO
2 M1
3 M2
4 HI
5 C2
Z134
10
BK/LG
G203
(8W-15-18)

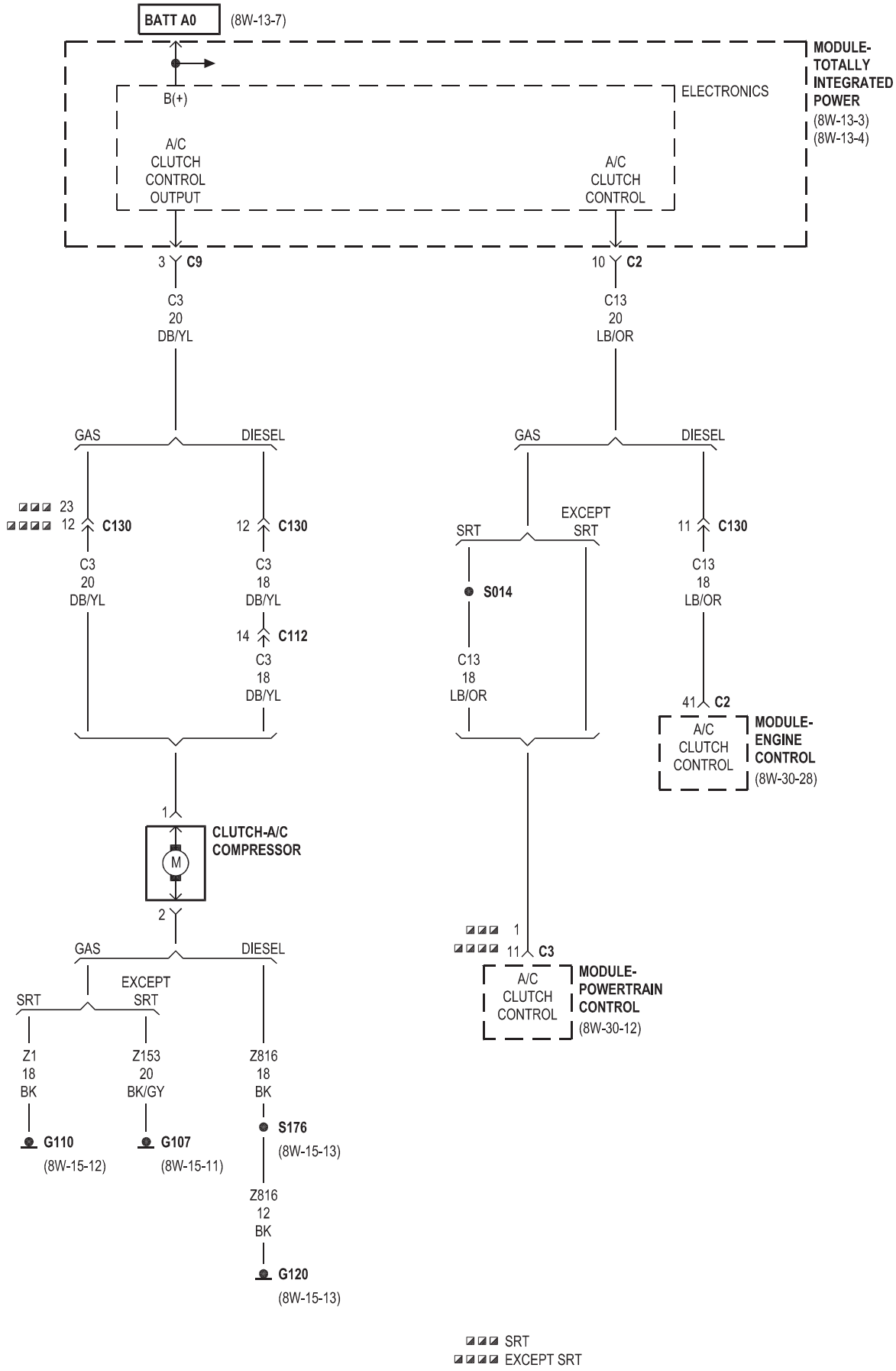

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSED IGNITION SWITCH OUTPUT (RUN)
CAN B BUS (+)
CAN B BUS (-)
FUSE 23 10A (8W-13-15)
FUSE 32 10A (8W-13-12)
2 C8
14 C3
3 C6
11 C6
A919 20 RD
F504 20 GY/PK
D55 20 WT/OR
D54 20 WT
EXCEPT SRT
SRT
70
32 C219
37 C219
34 C219
EXCEPT ADJUSTABLE PEDALS
ADJUSTABLE PEDALS
S211
(8W-18-3)
S213
(8W-18-4)
S225
(8W-13-12)
S215
(8W-18-3)
S217
(8W-18-4)
S240
(8W-13-15)
3 C1
1 C1
16 C1
15 C1
CONTROL-A/C-HEATER
FUSED B(+)
FUSED IGNITION SWITCH OUTPUT (RUN)
EVAPORATOR TEMPERATURE SENSOR SIGNAL
SENSOR GROUND
GROUND
7 C1
6 C1
2 C1
C121 20 DB/DG
C21 20 DB/LG
Z24 20 BK/OR
10
9 C200
1
2
G201
(8W-15-14)
SENSOR-EVAPORATOR TEMPERATURE
▽▽ EXCEPT BASE

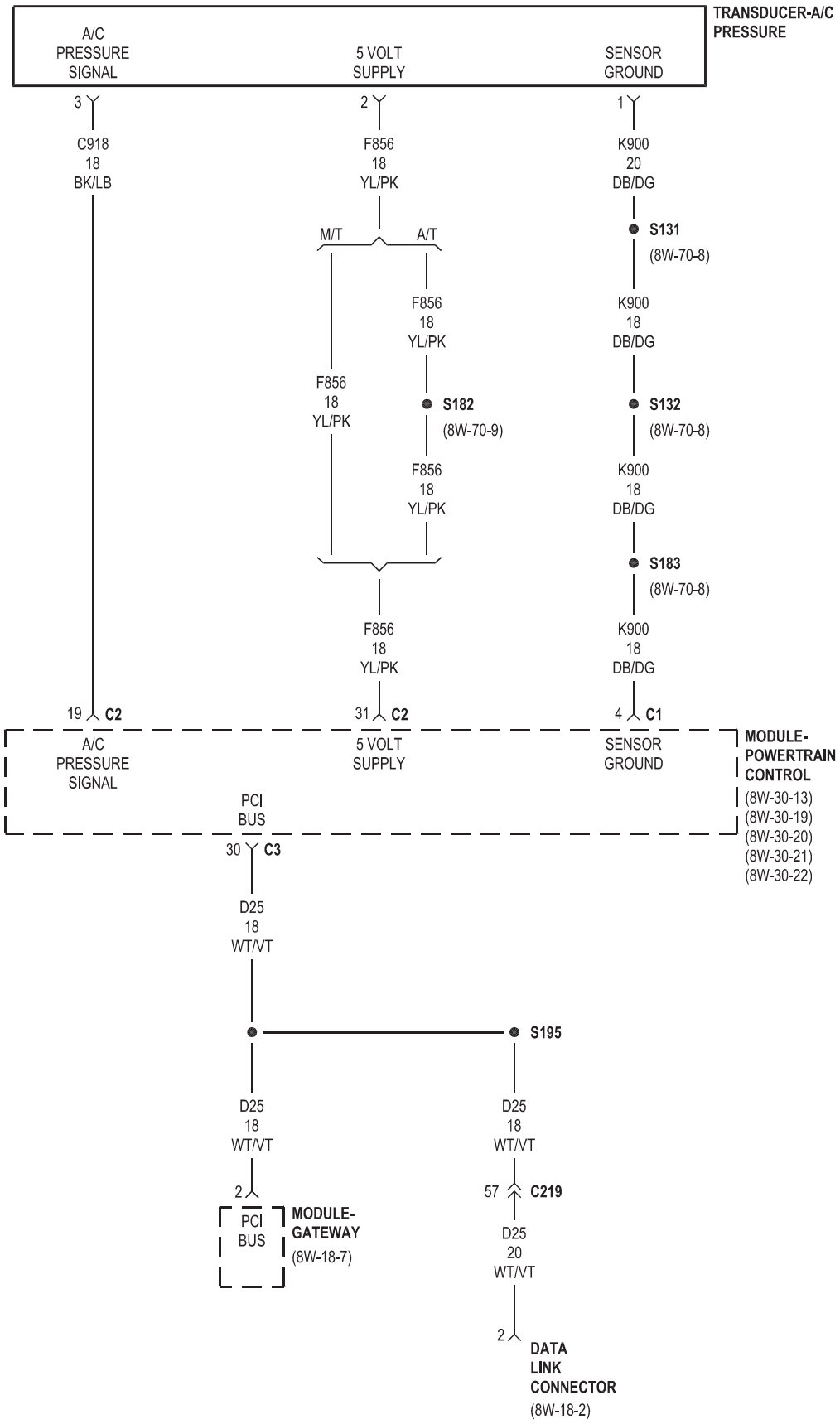
## DUAL ZONE

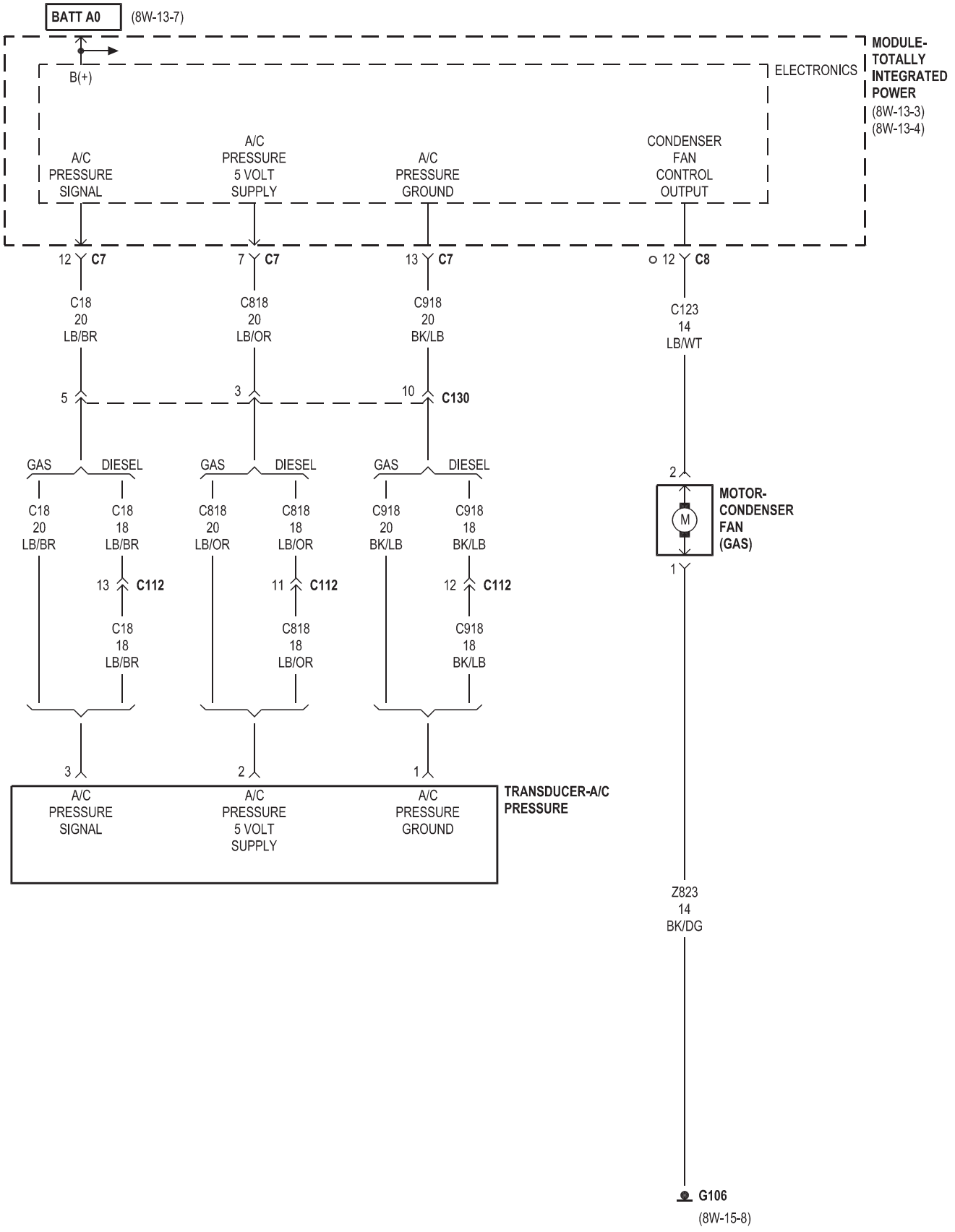

CONTROL-A/C-HEATER
1 OFF
2 A/C SELECT
3 RECIRCULATION
4 HEATED MIRROR
HVAC MICRO CONTROLLER
A/C INDICATOR
RECIRCULATION INDICATOR
HEATER MIRROR INDICATOR
PASSENGER BLEND DOOR DRIVER
COMMON DOOR DRIVER
RECIRCULATION DOOR DRIVER
BLEND DOOR DRIVER
C33 20 LB/BR
C29 20 DB
C34 20 DB/LB
C32 20 DB/TN
C801 20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

## SINGLE ZONE


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

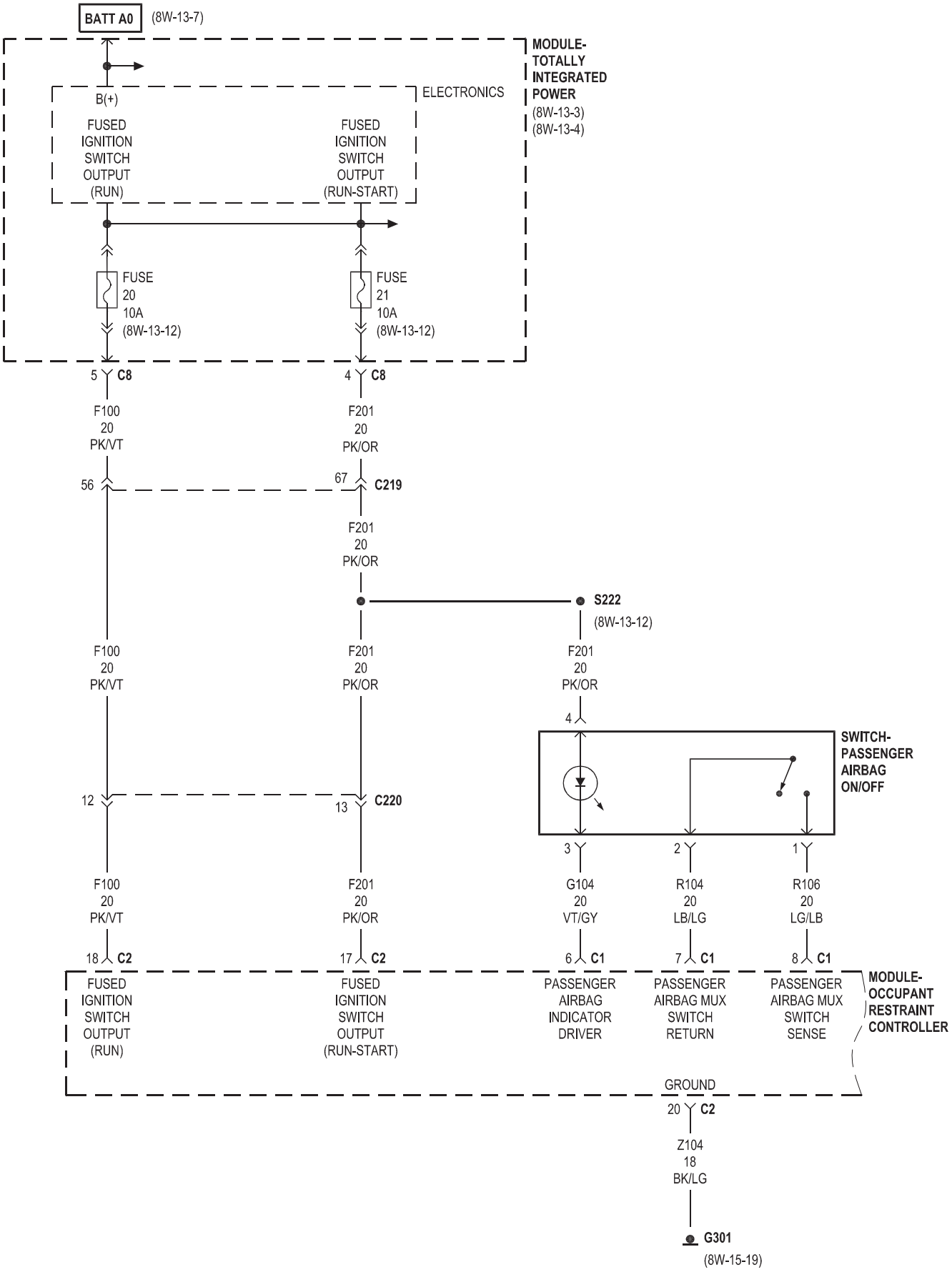

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
A/C
CLUTCH
CONTROL
OUTPUT
A/C
CLUTCH
CONTROL
3 C9
10 C2
C3
20
DB/YL
C13
20
LB/OR
GAS
DIESEL
GAS
DIESEL
23
12 C130
12 C130
SRT
EXCEPT
SRT
11 C130
C3
20
DB/YL
C3
18
DB/YL
S014
C13
18
LB/OR
14 C112
C3
18
DB/YL
C13
18
LB/OR
41 C2
A/C
CLUTCH
CONTROL
MODULE-
ENGINE
CONTROL
(8W-30-28)
1
CLUTCH-A/C
COMPRESSOR
M
2
1
11 C3
A/C
CLUTCH
CONTROL
MODULE-
POWERTRAIN
CONTROL
(8W-30-12)
GAS
DIESEL
SRT
EXCEPT
SRT
Z1
18
BK
Z153
20
BK/GY
Z816
18
BK
G110
(8W-15-12)
G107
(8W-15-11)
S176
(8W-15-13)
Z816
12
BK
G120
(8W-15-13)
SRT
EXCEPT SRT

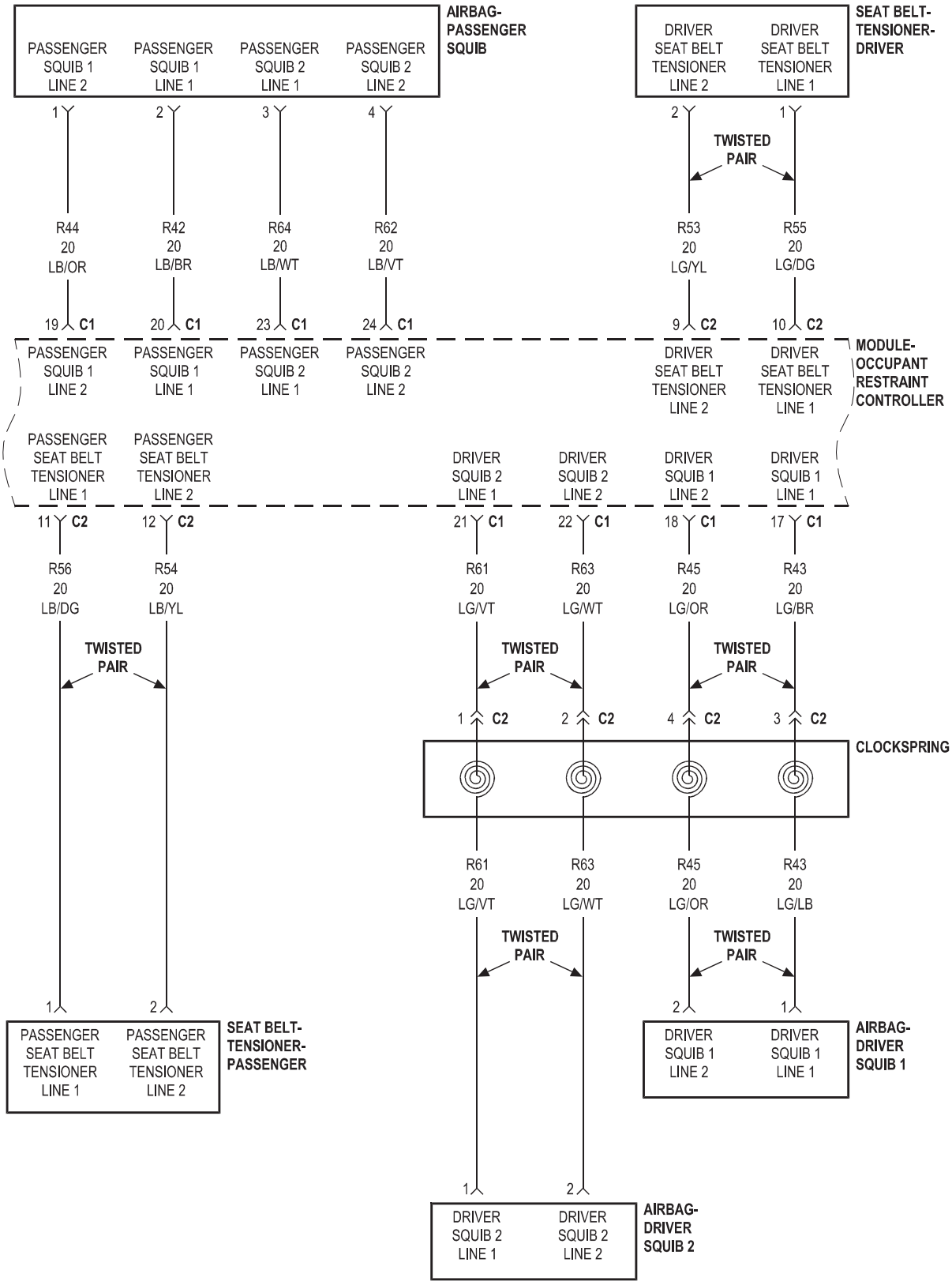

TRANSDUCER-A/C PRESSURE
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
3
2
1
C918 18 BK/LB
F856 18 YL/PK
K900 20 DB/DG
M/T
A/T
S131
(8W-70-8)
F856 18 YL/PK
K900 18 DB/DG
F856 18 YL/PK
S182
(8W-70-9)
S132
(8W-70-8)
F856 18 YL/PK
K900 18 DB/DG
S183
(8W-70-8)
F856 18 YL/PK
K900 18 DB/DG
19 C2
31 C2
4 C1
A/C PRESSURE SIGNAL
5 VOLT SUPPLY
SENSOR GROUND
MODULE-POWERTRAIN CONTROL
(8W-30-13)
(8W-30-19)
(8W-30-20)
(8W-30-21)
(8W-30-22)
PCI BUS
30 C3
D25 18 WT/VT
S195
D25 18 WT/VT
D25 18 WT/VT
2
PCI BUS
MODULE-GATEWAY
(8W-18-7)
57 C219
D25 20 WT/VT
2
DATA LINK CONNECTOR
(8W-18-2)


BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
A/C PRESSURE SIGNAL
A/C PRESSURE 5 VOLT SUPPLY
A/C PRESSURE GROUND
CONDENSER FAN CONTROL OUTPUT
12 C7
7 C7
13 C7
12 C8
C18 20 LB/BR
C818 20 LB/OR
C918 20 BK/LB
C123 14 LB/WT
5
3
10 C130
GAS
DIESEL
C18 20 LB/BR
C18 18 LB/BR
C818 20 LB/OR
C818 18 LB/OR
C918 20 BK/LB
C918 18 BK/LB
2
M
MOTOR-CONDENSER FAN (GAS)
1
13 C112
11 C112
12 C112
C18 18 LB/BR
C818 18 LB/OR
C918 18 BK/LB
3
2
1
A/C PRESSURE SIGNAL
A/C PRESSURE 5 VOLT SUPPLY
A/C PRESSURE GROUND
TRANSDUCER-A/C PRESSURE
Z823 14 BK/DG
G106
(8W-15-8)
GAS

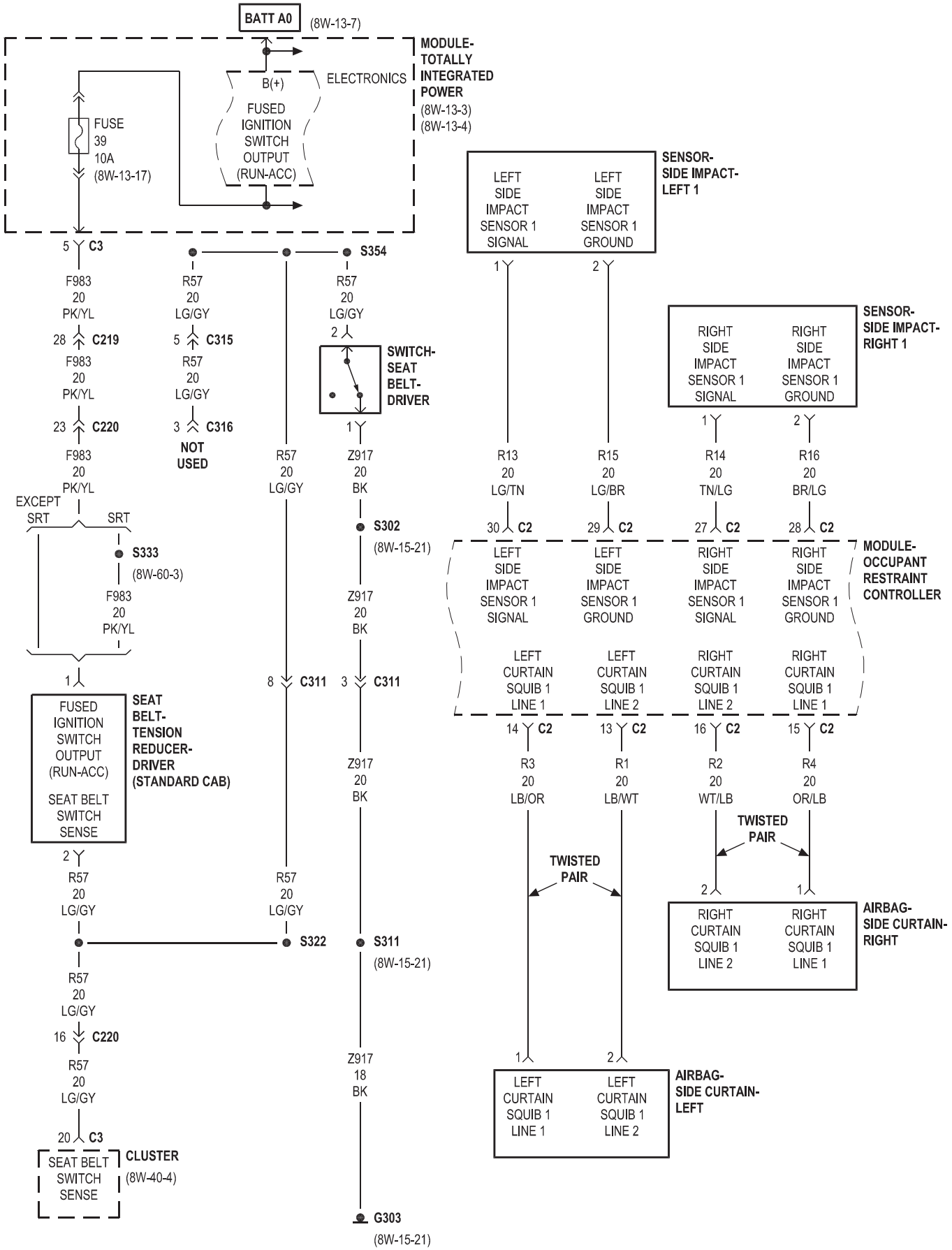
# 8W-43 OCCUPANT RESTRAINT SYSTEM

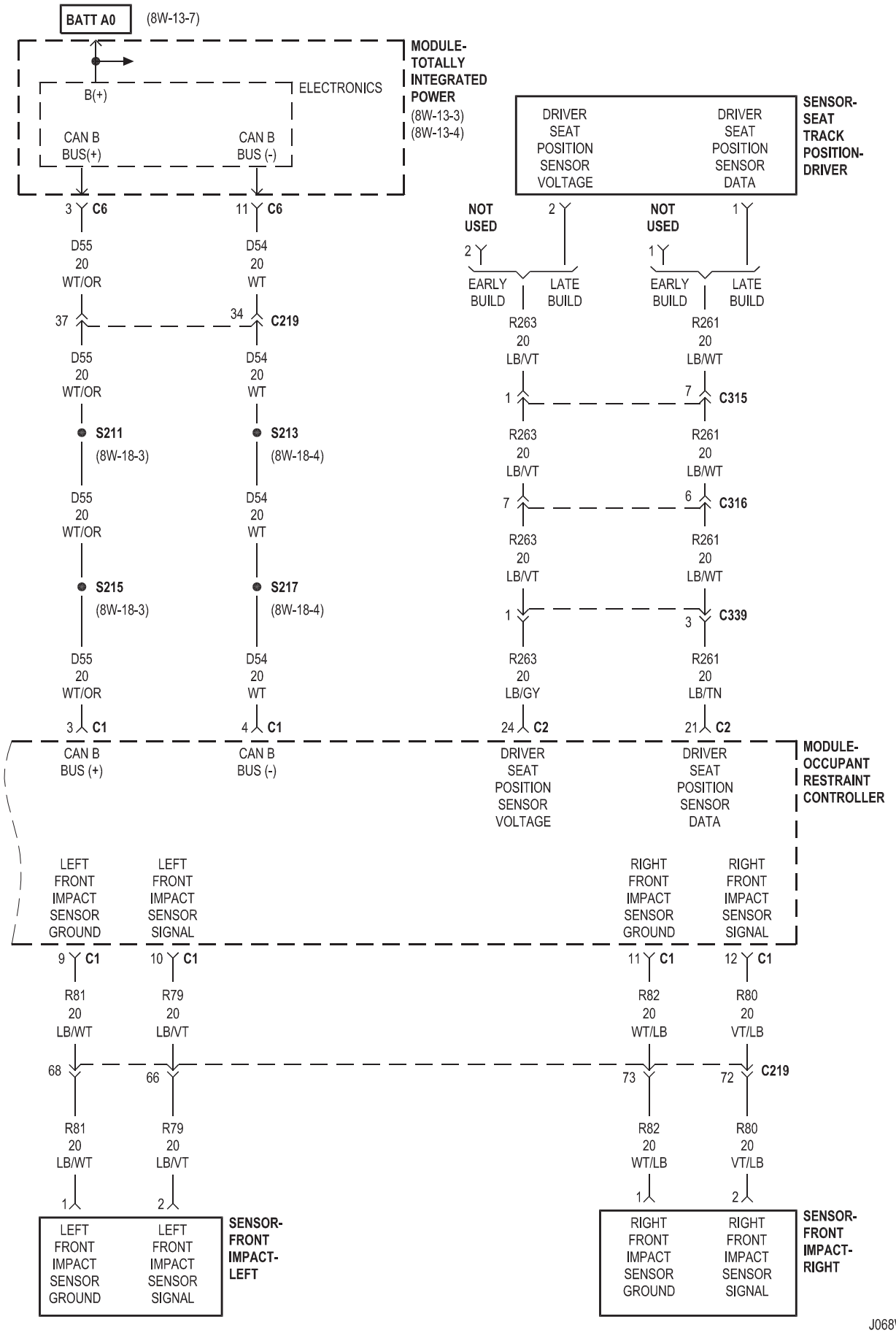

| Component | Page |
|---|---|
| Airbag-Driver Squib 2 | 8W-43-3 |
| Airbag-Passenger Squib | 8W-43-3 |
| Airbag-Side Curtain-Left | 8W-43-4 |
| Airbag-Side Curtain-Right | 8W-43-4 |
| Clockspring | 8W-43-3 |
| Cluster | 8W-43-4 |
| Electronics | 8W-43-2, 4, 5 |
| Fuse 20 | 8W-43-2 |
| Fuse 21 | 8W-43-2 |
| 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 |


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSE
20
10A
(8W-13-12)
FUSE
21
10A
(8W-13-12)
5 C8
4 C8
F100
20
PK/VT
F201
20
PK/OR
56
67 C219
F201
20
PK/OR
S222
(8W-13-12)
F100
20
PK/VT
F201
20
PK/OR
F201
20
PK/OR
4
SWITCH-
PASSENGER
AIRBAG
ON/OFF
12
13 C220
3
2
1
F100
20
PK/VT
F201
20
PK/OR
G104
20
VT/GY
R104
20
LB/LG
R106
20
LG/LB
18 C2
17 C2
6 C1
7 C1
8 C1
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
PASSENGER
AIRBAG
INDICATOR
DRIVER
PASSENGER
AIRBAG MUX
SWITCH
RETURN
PASSENGER
AIRBAG MUX
SWITCH
SENSE
MODULE-
OCCUPANT
RESTRAINT
CONTROLLER
GROUND
20 C2
Z104
18
BK/LG
G301
(8W-15-19)


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

## SIDE AIRBAGS



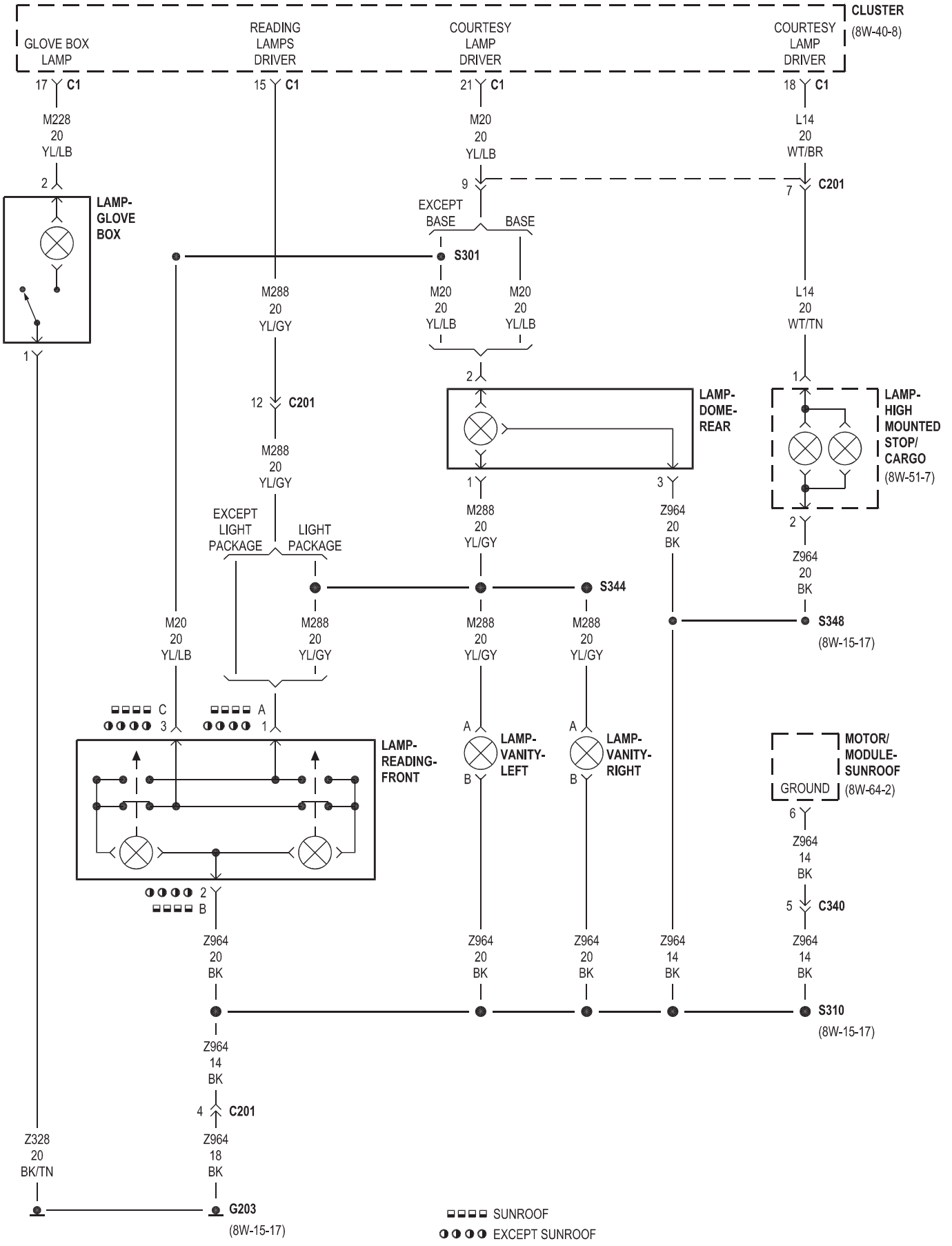


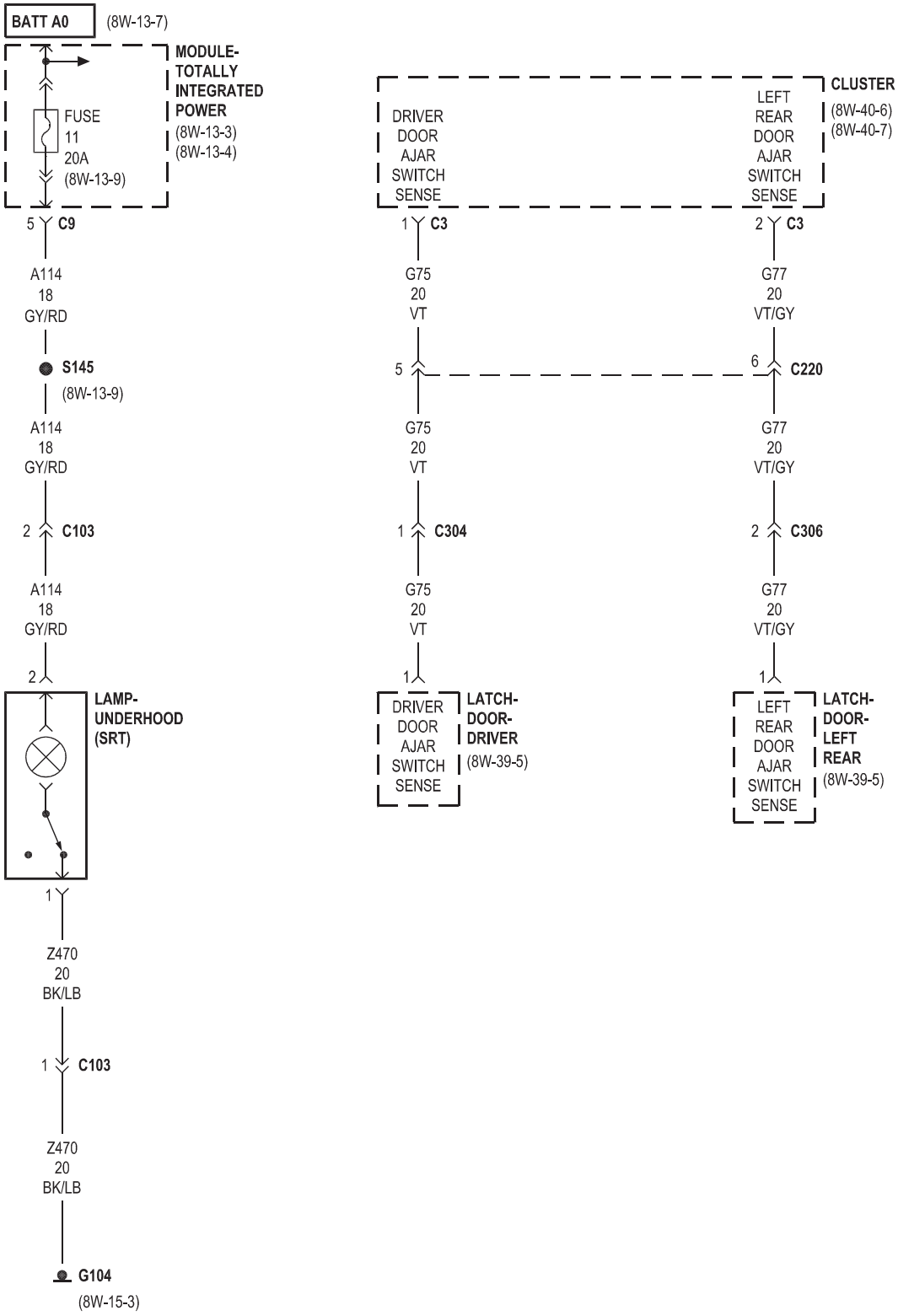

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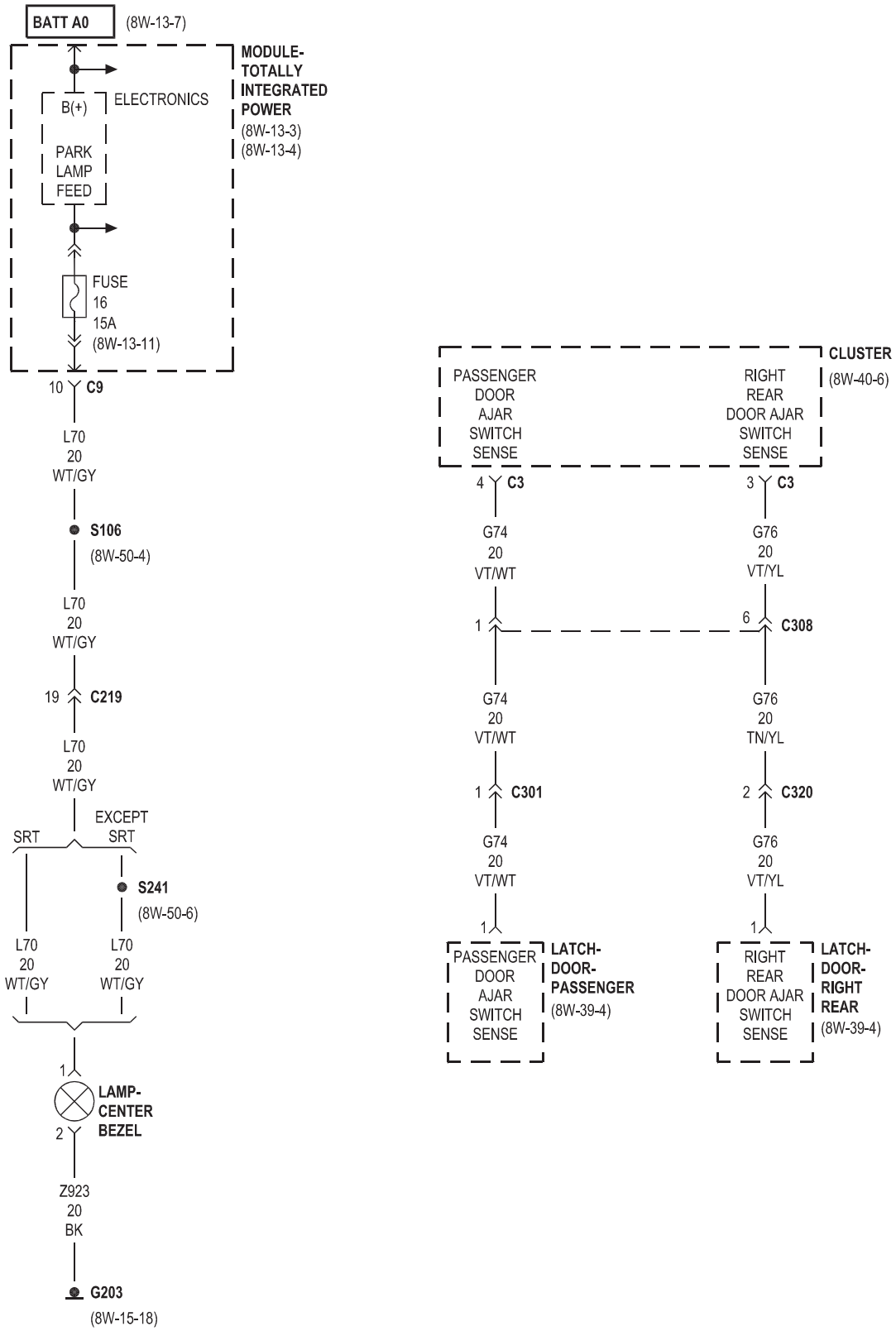
J068W-4

# 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 |

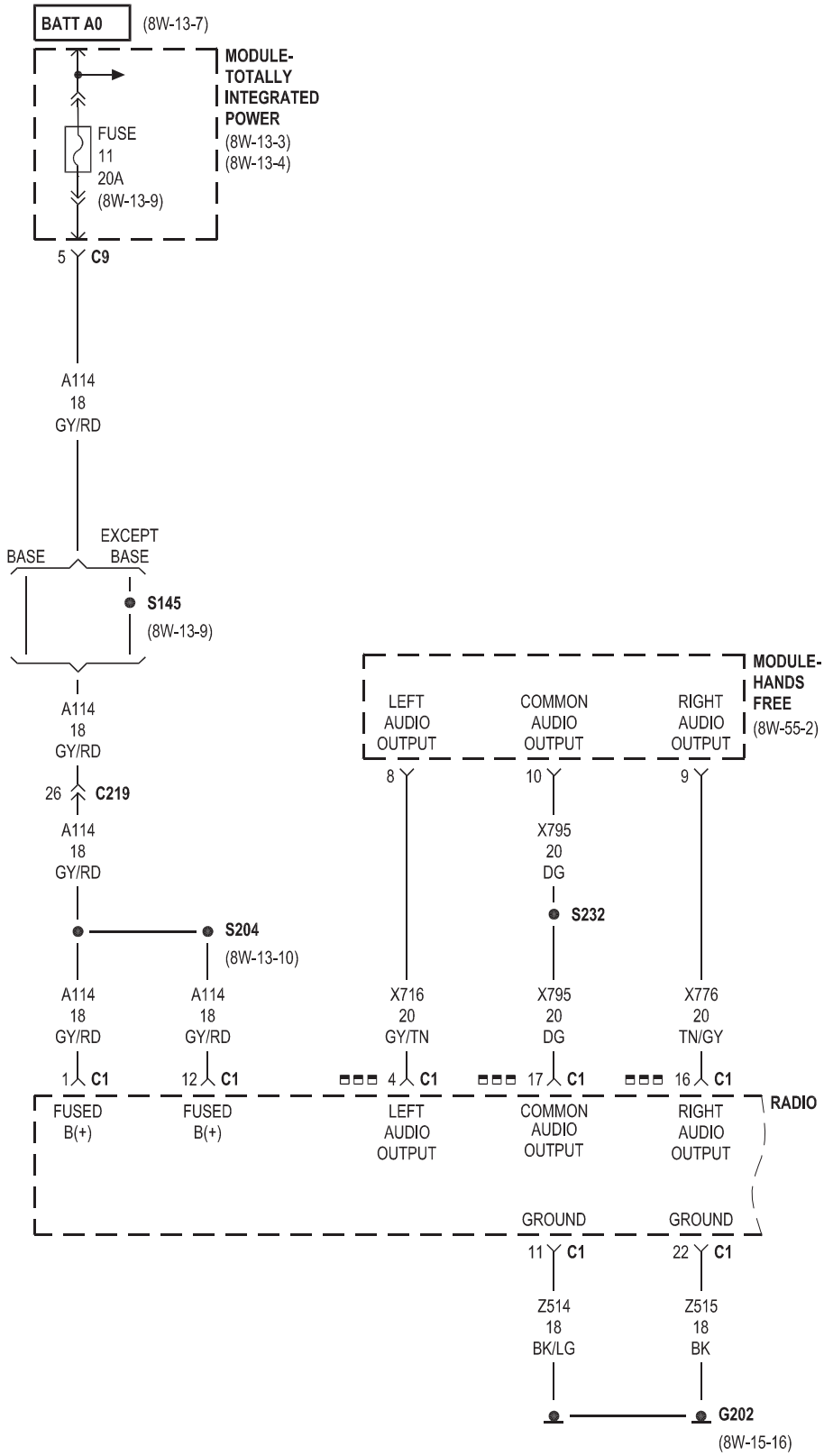

CLUSTER
(8W-40-8)
GLOVE BOX LAMP
READING LAMPS DRIVER
COURTESY LAMP DRIVER
COURTESY LAMP DRIVER
17 C1
15 C1
21 C1
18 C1
M228 20 YL/LB
M20 20 YL/LB
L14 20 WT/BR
2
9
7 C201
LAMP- GLOVE BOX
EXCEPT BASE
BASE
S301
M288 20 YL/GY
M20 20 YL/LB
M20 20 YL/LB
L14 20 WT/TN
1
2
1
12 C201
LAMP- DOME- REAR
LAMP- HIGH MOUNTED STOP/ CARGO
(8W-51-7)
M288 20 YL/GY
1
3
2
EXCEPT LIGHT PACKAGE
LIGHT PACKAGE
M288 20 YL/GY
Z964 20 BK
Z964 20 BK
S344
S348
(8W-15-17)
M20 20 YL/LB
M288 20 YL/GY
M288 20 YL/GY
M288 20 YL/GY
C
A
3
1
A
A
LAMP- READING- FRONT
LAMP- VANITY- LEFT
LAMP- VANITY- RIGHT
MOTOR/ MODULE- SUNROOF
GROUND
(8W-64-2)
B
B
6
Z964 14 BK
2
B
5 C340
Z964 20 BK
Z964 20 BK
Z964 20 BK
Z964 14 BK
Z964 14 BK
S310
(8W-15-17)
Z964 14 BK
4 C201
Z328 20 BK/TN
Z964 18 BK
G203
(8W-15-17)
SUNROOF
EXCEPT SUNROOF


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
11
20A
(8W-13-9)
5 C9
A114
18
GY/RD
S145
(8W-13-9)
A114
18
GY/RD
2 C103
A114
18
GY/RD
2
LAMP-
UNDERHOOD
(SRT)
1
Z470
20
BK/LB
1 C103
Z470
20
BK/LB
G104
(8W-15-3)
DRIVER
DOOR
AJAR
SWITCH
SENSE
1 C3
G75
20
VT
5
G75
20
VT
1 C304
G75
20
VT
1
DRIVER
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
DRIVER
(8W-39-5)
LEFT
REAR
DOOR
AJAR
SWITCH
SENSE
CLUSTER
(8W-40-6)
(8W-40-7)
2 C3
G77
20
VT/GY
6 C220
G77
20
VT/GY
2 C306
G77
20
VT/GY
1
LEFT
REAR
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
LEFT
REAR
(8W-39-5)

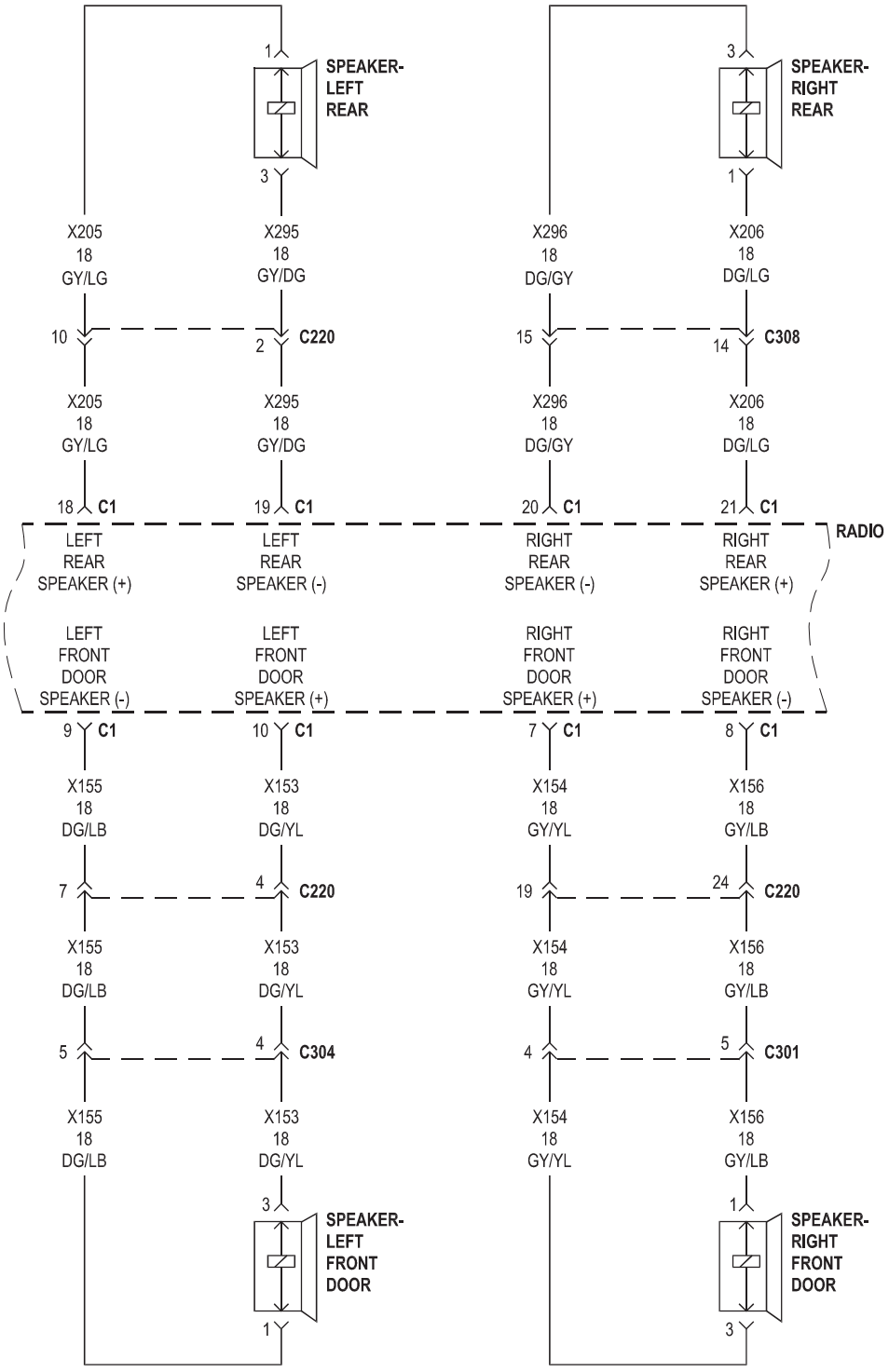

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
PARK
LAMP
FEED
FUSE
16
15A
(8W-13-11)
10
C9
L70
20
WT/GY
S106
(8W-50-4)
L70
20
WT/GY
19
C219
L70
20
WT/GY
EXCEPT
SRT
SRT
S241
(8W-50-6)
L70
20
WT/GY
L70
20
WT/GY
1
LAMP-
CENTER
BEZEL
2
Z923
20
BK
G203
(8W-15-18)
CLUSTER
(8W-40-6)
PASSENGER
DOOR
AJAR
SWITCH
SENSE
RIGHT
REAR
DOOR AJAR
SWITCH
SENSE
4
C3
3
C3
G74
20
VT/WT
G76
20
VT/YL
1
6
C308
G74
20
VT/WT
G76
20
TN/YL
1
C301
2
C320
G74
20
VT/WT
G76
20
VT/YL
1
1
PASSENGER
DOOR
AJAR
SWITCH
SENSE
LATCH-
DOOR-
PASSENGER
(8W-39-4)
RIGHT
REAR
DOOR AJAR
SWITCH
SENSE
LATCH-
DOOR-
RIGHT
REAR
(8W-39-4)

# 8W-47 AUDIO/VIDEO SYSTEM

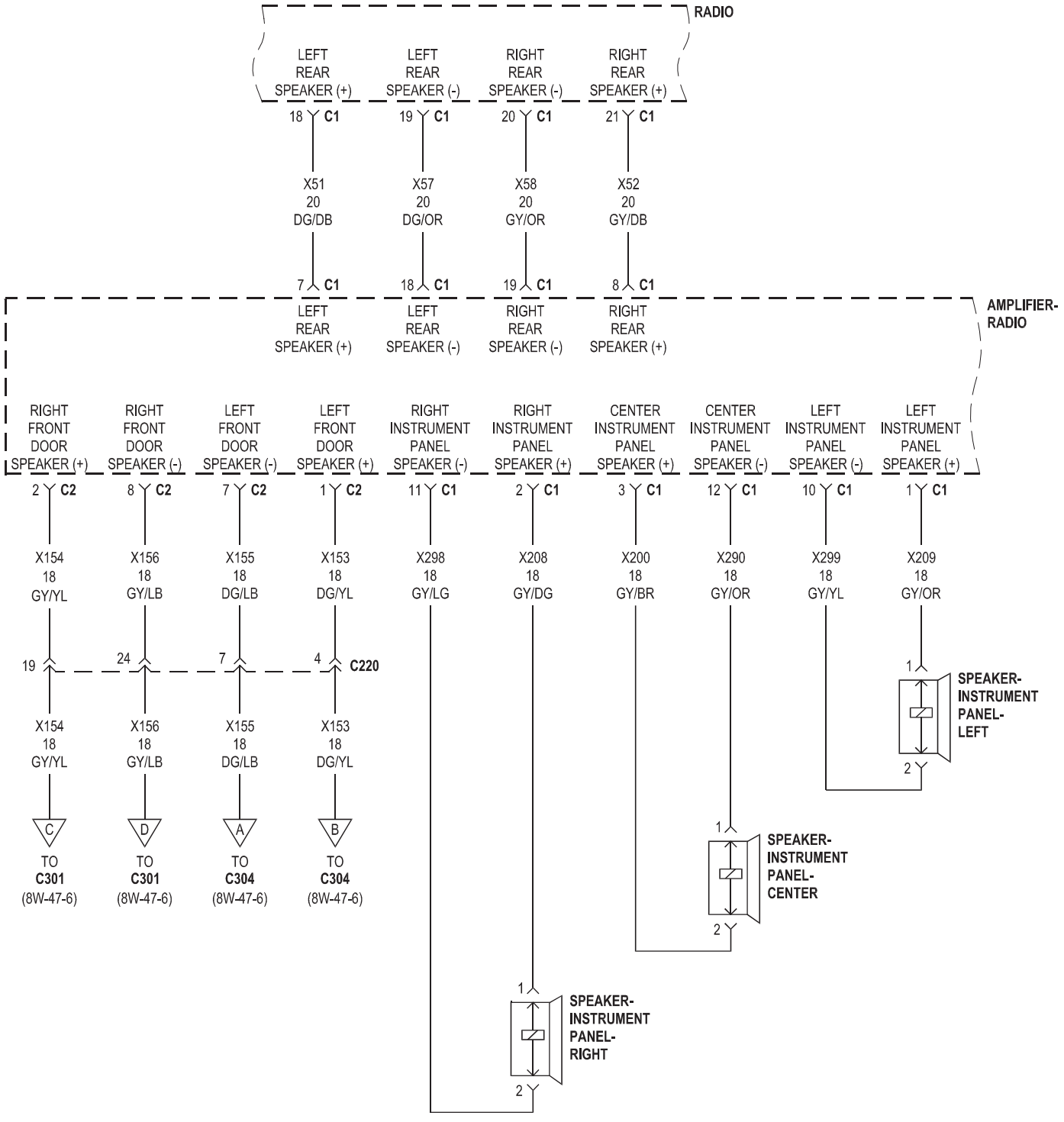

| Component | Page |
|---|---|
| Amplifier-Subwoofer | 8W-47-10 |
| Clockspring | 8W-47-9 |
| Cluster | 8W-47-9 |
| Electronics | 8W-47-10, 11 |
| Fuse 11 | 8W-47-2, 7, 8 |
| Fuse 24 | 8W-47-10 |
| Fuse 36 | 8W-47-5, 8 |
| Fuse 39 | 8W-47-10 |
| G201 | 8W-47-9 |
| G202 | 8W-47-2, 5, 7, 8 |
| G302 | 8W-47-10 |
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| Module-Hands Free | 8W-47-2, 8, 11 |
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| 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 |

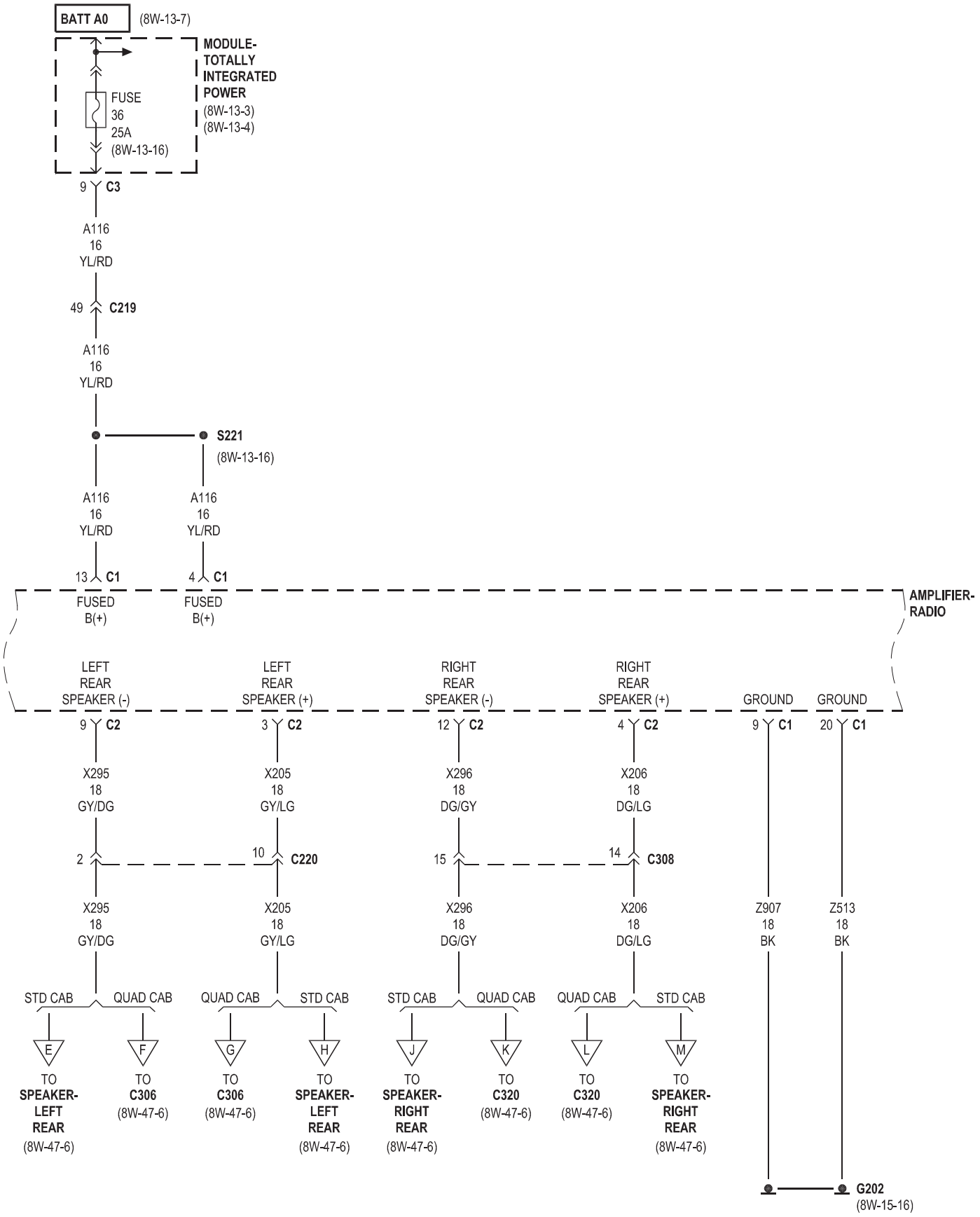

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
11
20A
(8W-13-9)
5 C9
A114
18
GY/RD
BASE
EXCEPT
BASE
S145
(8W-13-9)
A114
18
GY/RD
26 C219
A114
18
GY/RD
S204
(8W-13-10)
A114
18
GY/RD
A114
18
GY/RD
1 C1
12 C1
FUSED
B(+)
FUSED
B(+)
MODULE-
HANDS
FREE
(8W-55-2)
LEFT
AUDIO
OUTPUT
COMMON
AUDIO
OUTPUT
RIGHT
AUDIO
OUTPUT
8
10
9
X795
20
DG
S232
X716
20
GY/TN
X795
20
DG
X776
20
TN/GY
4 C1
17 C1
16 C1
LEFT
AUDIO
OUTPUT
COMMON
AUDIO
OUTPUT
RIGHT
AUDIO
OUTPUT
RADIO
GROUND
GROUND
11 C1
22 C1
Z514
18
BK/LG
Z515
18
BK
G202
(8W-15-16)

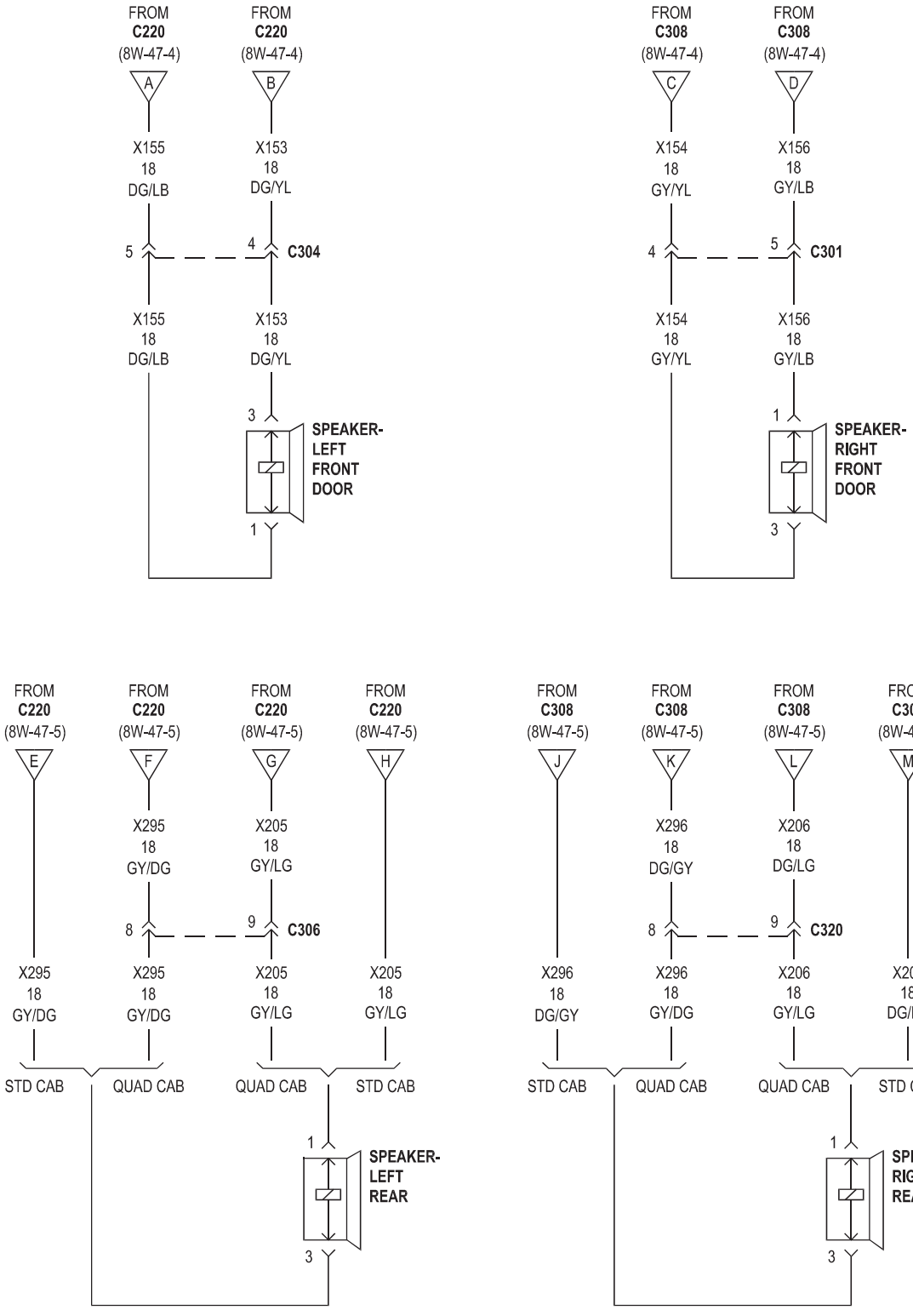
HANDS FREE

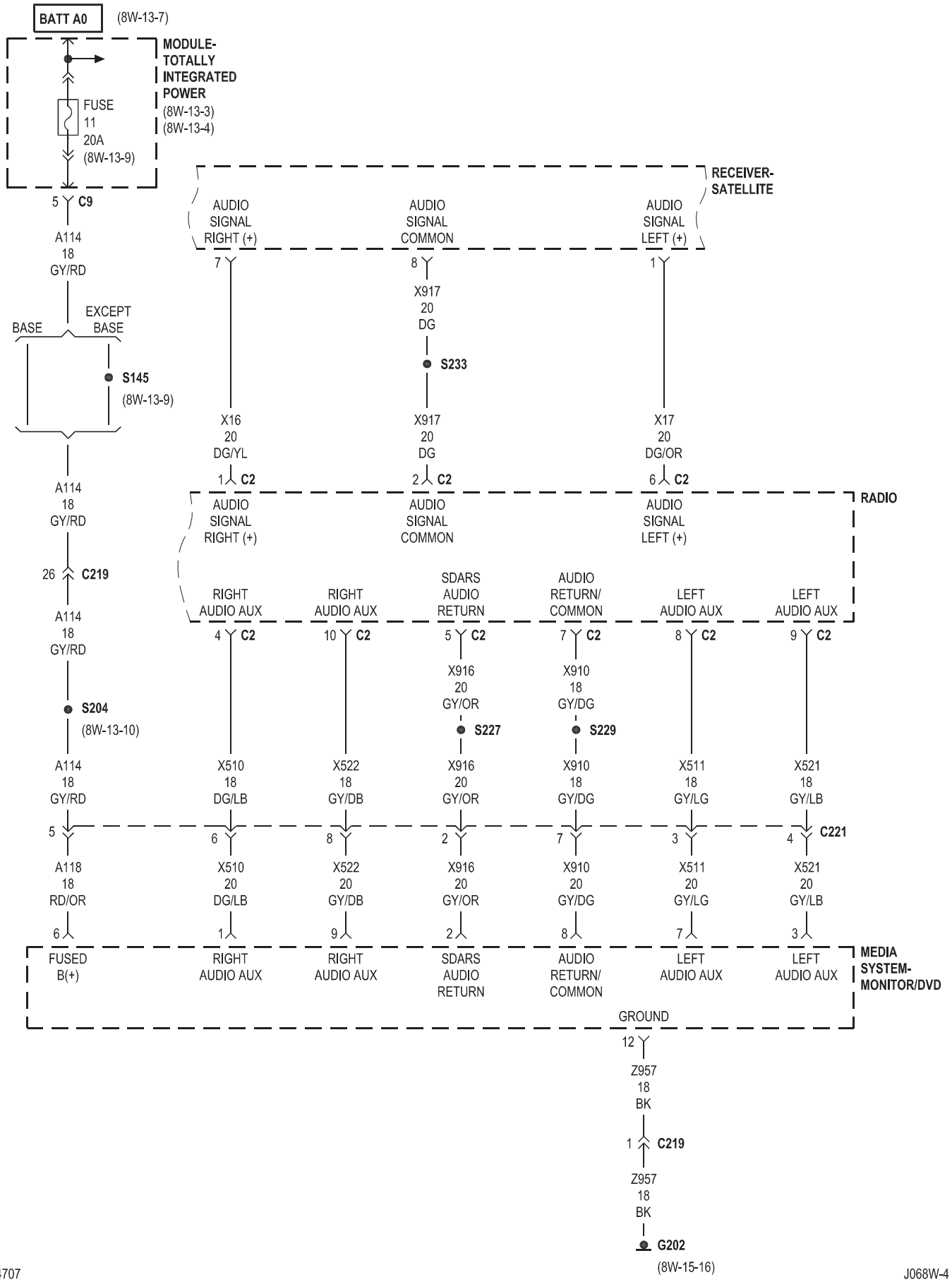

SPEAKER-
LEFT
REAR
SPEAKER-
RIGHT
REAR
X205
18
GY/LG
X295
18
GY/DG
X296
18
DG/GY
X206
18
DG/LG
C220
C308
C1
RADIO
LEFT
REAR
SPEAKER (+)
LEFT
REAR
SPEAKER (-)
RIGHT
REAR
SPEAKER (-)
RIGHT
REAR
SPEAKER (+)
LEFT
FRONT
DOOR
SPEAKER (-)
LEFT
FRONT
DOOR
SPEAKER (+)
RIGHT
FRONT
DOOR
SPEAKER (+)
RIGHT
FRONT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

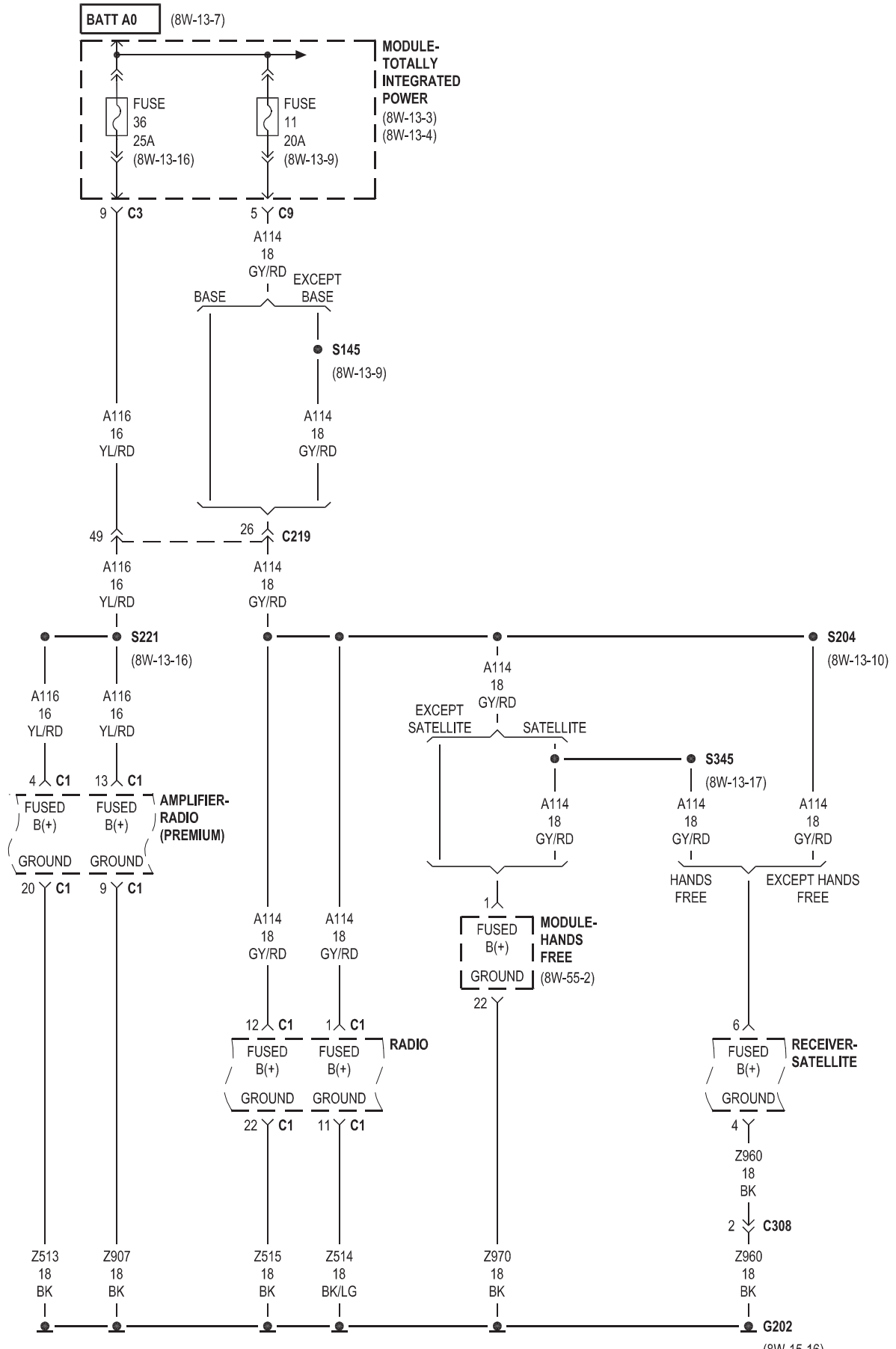
## PREMIUM EXCEPT HANDS FREE CAPABLE

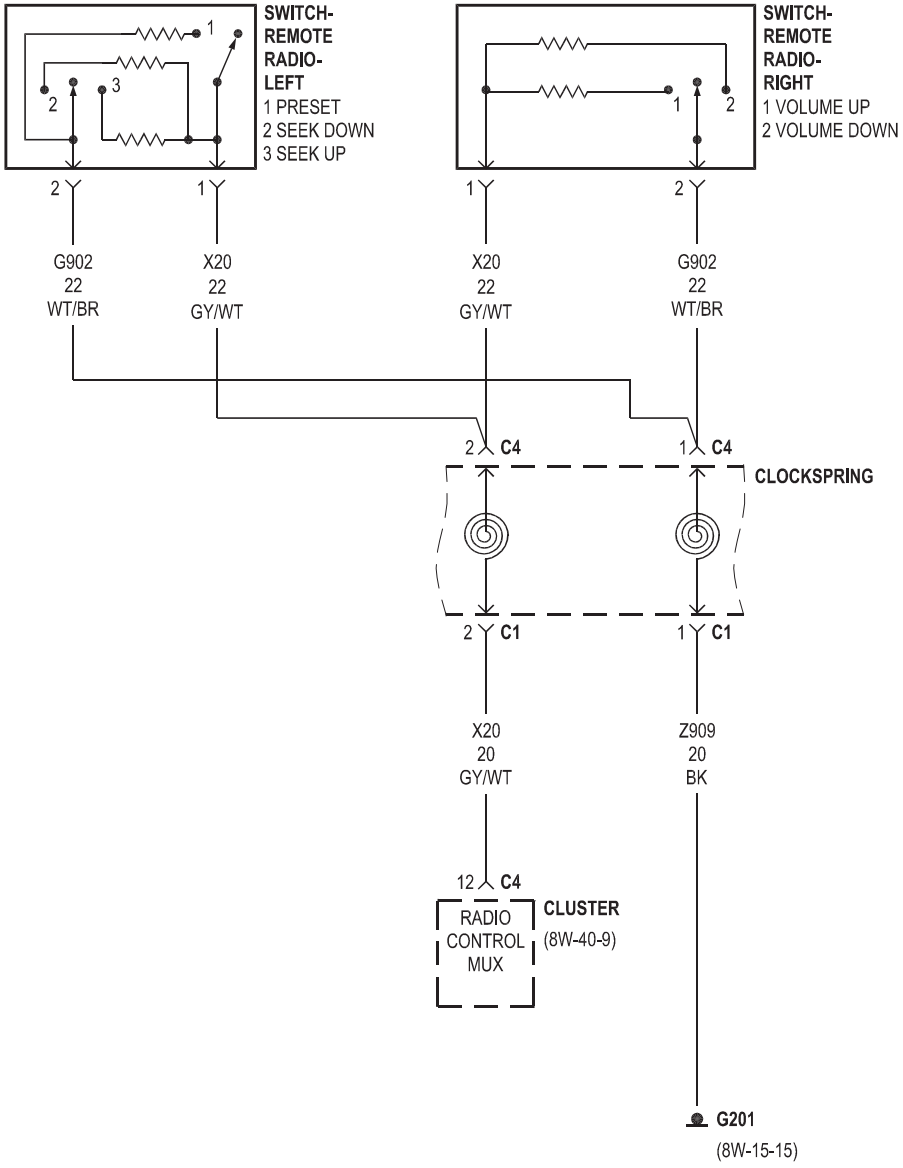


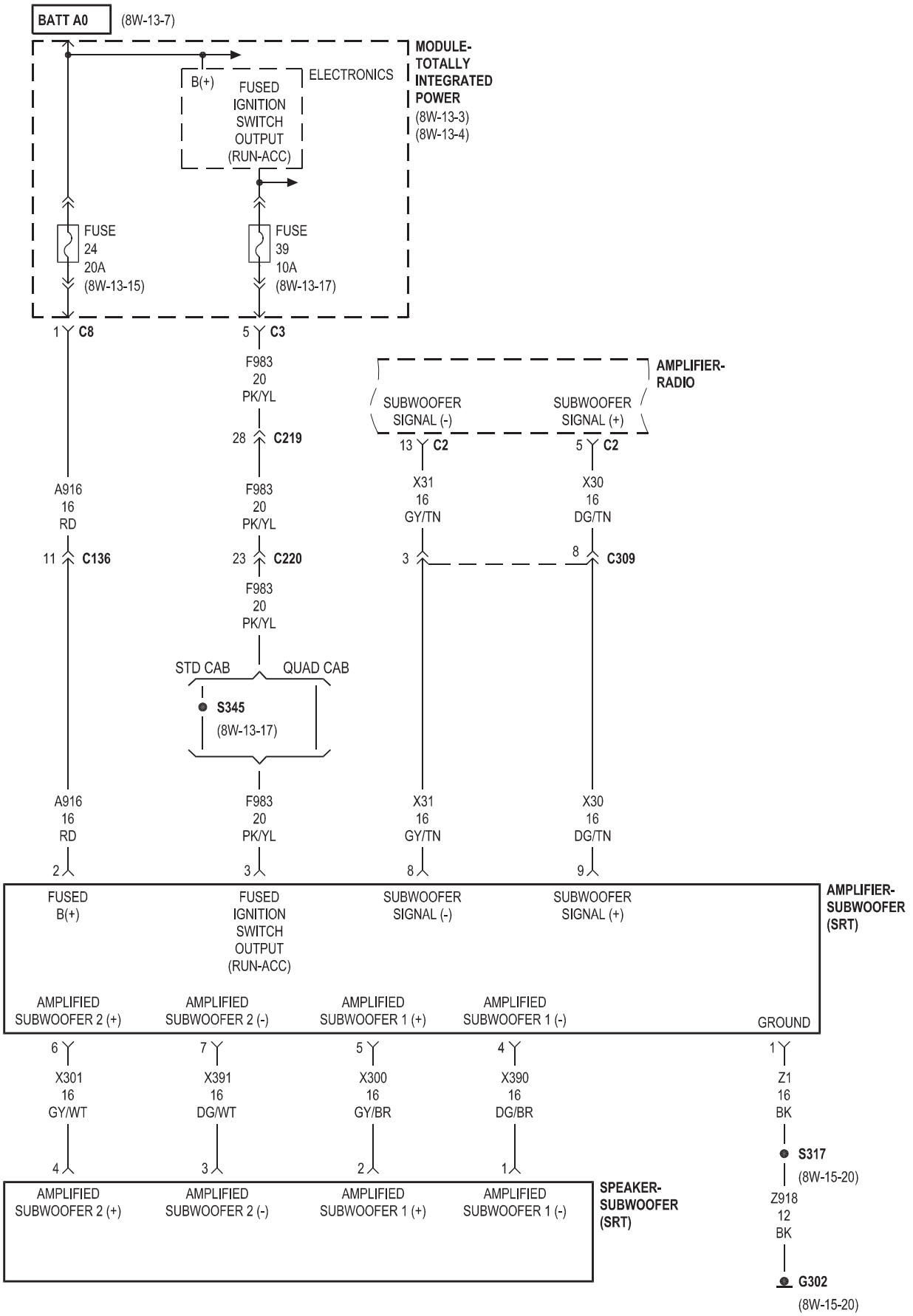

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
36
25A
(8W-13-16)
9 C3
A116
16
YL/RD
49 C219
A116
16
YL/RD
S221
(8W-13-16)
A116
16
YL/RD
A116
16
YL/RD
13 C1
4 C1
FUSED
B(+)
FUSED
B(+)
AMPLIFIER-
RADIO
LEFT
REAR
SPEAKER (-)
LEFT
REAR
SPEAKER (+)
RIGHT
REAR
SPEAKER (-)
RIGHT
REAR
SPEAKER (+)
GROUND
GROUND
9 C2
3 C2
12 C2
4 C2
9 C1
20 C1
X295
18
GY/DG
X205
18
GY/LG
X296
18
DG/GY
X206
18
DG/LG
2
10 C220
15
14 C308
X295
18
GY/DG
X205
18
GY/LG
X296
18
DG/GY
X206
18
DG/LG
Z907
18
BK
Z513
18
BK
STD CAB
QUAD CAB
QUAD CAB
STD CAB
STD CAB
QUAD CAB
QUAD CAB
STD CAB
E
F
G
H
J
K
L
M
TO
SPEAKER-
LEFT
REAR
(8W-47-6)
TO
C306
(8W-47-6)
TO
C306
(8W-47-6)
TO
SPEAKER-
LEFT
REAR
(8W-47-6)
TO
SPEAKER-
RIGHT
REAR
(8W-47-6)
TO
C320
(8W-47-6)
TO
C320
(8W-47-6)
TO
SPEAKER-
RIGHT
REAR
(8W-47-6)
G202
(8W-15-16)

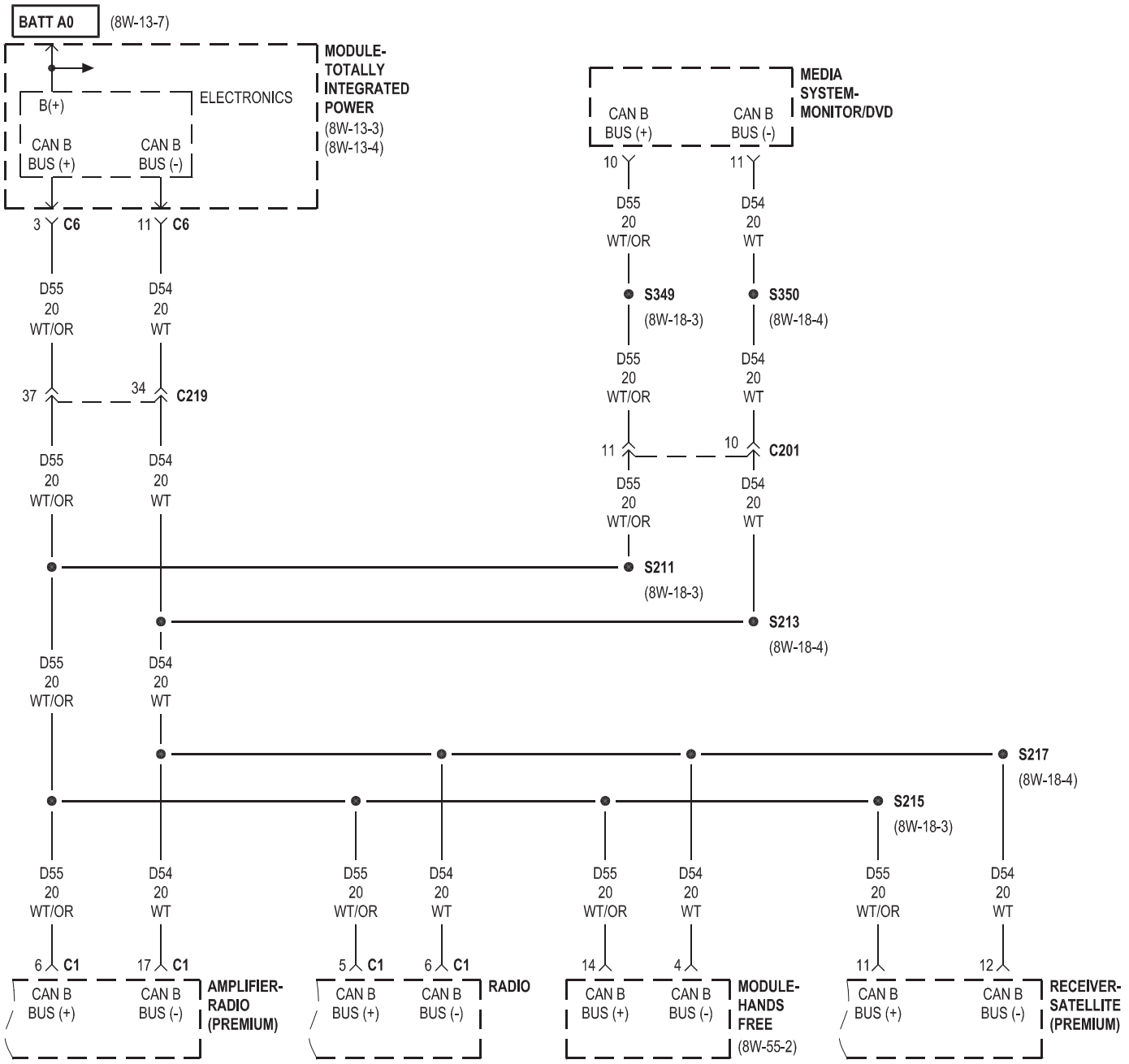

FROM C220 (8W-47-4)
A
X155 18 DG/LB
5
X155 18 DG/LB
FROM C220 (8W-47-4)
B
X153 18 DG/YL
4
C304
X153 18 DG/YL
3
SPEAKER- LEFT FRONT DOOR
1
FROM C308 (8W-47-4)
C
X154 18 GY/YL
4
X154 18 GY/YL
FROM C308 (8W-47-4)
D
X156 18 GY/LB
5
C301
X156 18 GY/LB
1
SPEAKER- RIGHT FRONT DOOR
3
FROM C220 (8W-47-5)
E
X295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


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
11
20A
(8W-13-9)
5 C9
A114
18
GY/RD
BASE
EXCEPT
BASE
S145
(8W-13-9)
A114
18
GY/RD
26 C219
A114
18
GY/RD
S204
(8W-13-10)
A114
18
GY/RD
5
A118
18
RD/OR
6
FUSED
B(+)
RECEIVER-
SATELLITE
AUDIO
SIGNAL
RIGHT (+)
7
X16
20
DG/YL
1 C2
AUDIO
SIGNAL
COMMON
8
X917
20
DG
S233
X917
20
DG
2 C2
AUDIO
SIGNAL
LEFT (+)
1
X17
20
DG/OR
6 C2
RADIO
AUDIO
SIGNAL
RIGHT (+)
AUDIO
SIGNAL
COMMON
AUDIO
SIGNAL
LEFT (+)
RIGHT
AUDIO AUX
4 C2
X510
18
DG/LB
RIGHT
AUDIO AUX
10 C2
X522
18
GY/DB
SDARS
AUDIO
RETURN
5 C2
X916
20
GY/OR
S227
AUDIO
RETURN/
COMMON
7 C2
X910
18
GY/DG
S229
LEFT
AUDIO AUX
8 C2
X511
18
GY/LG
LEFT
AUDIO AUX
9 C2
X521
18
GY/LB
6
X510
20
DG/LB
1
RIGHT
AUDIO AUX
8
X522
20
GY/DB
9
RIGHT
AUDIO AUX
2
X916
20
GY/OR
2
SDARS
AUDIO
RETURN
7
X910
20
GY/DG
8
AUDIO
RETURN/
COMMON
3
X511
20
GY/LG
7
LEFT
AUDIO AUX
4 C221
X521
20
GY/LB
3
LEFT
AUDIO AUX
MEDIA
SYSTEM-
MONITOR/DVD
GROUND
12
Z957
18
BK
1 C219
Z957
18
BK
G202
(8W-15-16)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
36
25A
(8W-13-16)
FUSE
11
20A
(8W-13-9)
9 C3
5 C9
A114
18
GY/RD
BASE
EXCEPT
BASE
S145
(8W-13-9)
A116
16
YL/RD
A114
18
GY/RD
49
26 C219
A116
16
YL/RD
A114
18
GY/RD
S221
(8W-13-16)
S204
(8W-13-10)
A116
16
YL/RD
A116
16
YL/RD
A114
18
GY/RD
EXCEPT
SATELLITE
SATELLITE
S345
(8W-13-17)
4 C1
13 C1
FUSED
B(+)
FUSED
B(+)
AMPLIFIER-
RADIO
(PREMIUM)
A114
18
GY/RD
A114
18
GY/RD
A114
18
GY/RD
GROUND
GROUND
20 C1
9 C1
HANDS
FREE
EXCEPT HANDS
FREE
1
FUSED
B(+)
MODULE-
HANDS
FREE
GROUND
(8W-55-2)
22
A114
18
GY/RD
A114
18
GY/RD
12 C1
1 C1
FUSED
B(+)
FUSED
B(+)
RADIO
6
FUSED
B(+)
RECEIVER-
SATELLITE
GROUND
GROUND
22 C1
11 C1
GROUND
4
Z960
18
BK
2 C308
Z513
18
BK
Z907
18
BK
Z515
18
BK
Z514
18
BK/LG
Z970
18
BK
Z960
18
BK
G202
(8W-15-16)
SRT

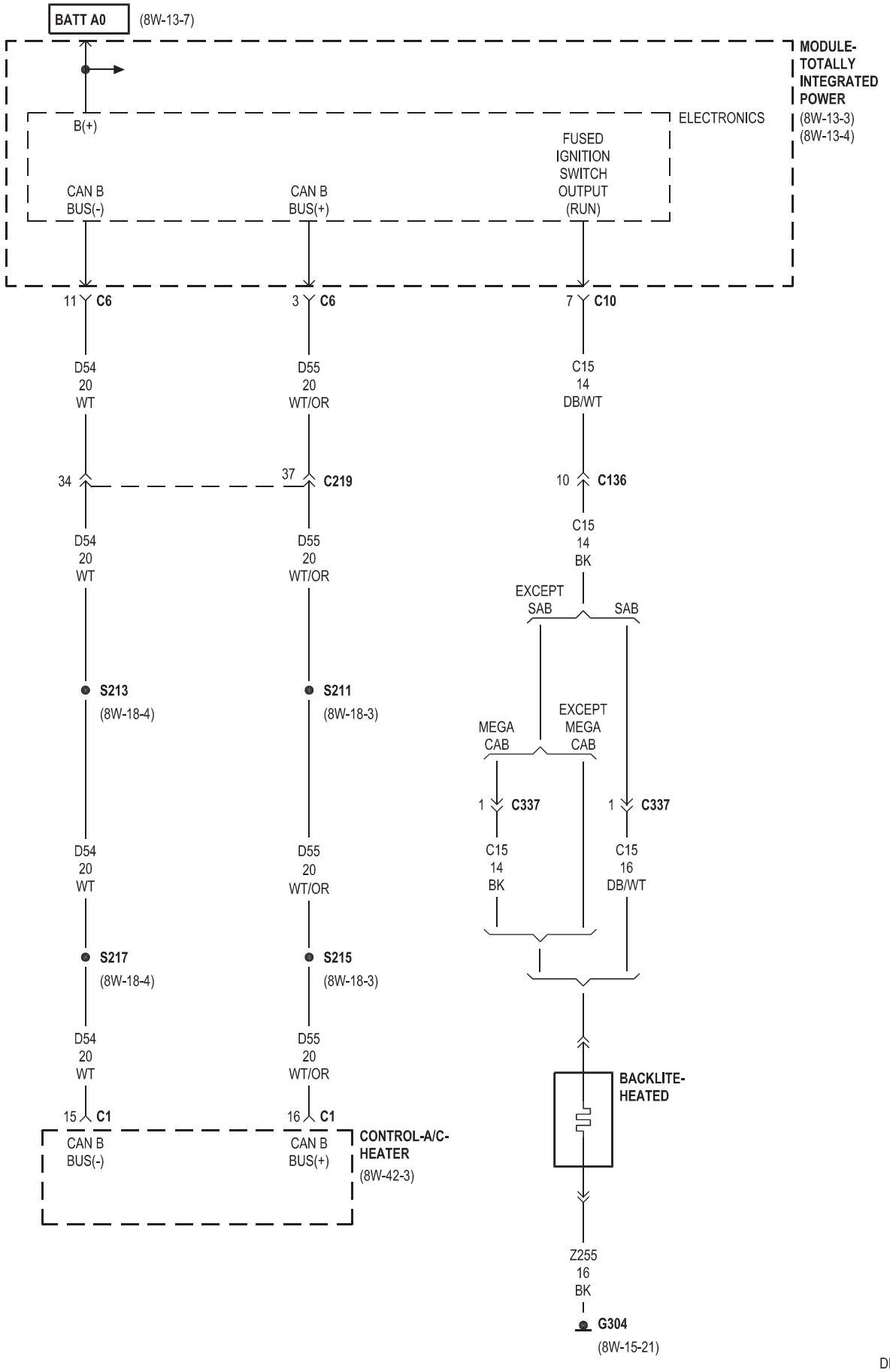

SWITCH-
REMOTE
RADIO-
LEFT
1 PRESET
2 SEEK DOWN
3 SEEK UP
SWITCH-
REMOTE
RADIO-
RIGHT
1 VOLUME UP
2 VOLUME DOWN
G902
22
WT/BR
X20
22
GY/WT
X20
22
GY/WT
G902
22
WT/BR
C4
CLOCKSPRING
C1
X20
20
GY/WT
Z909
20
BK
C4
RADIO
CONTROL
MUX
CLUSTER
(8W-40-9)
G201
(8W-15-15)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-ACC)
FUSE
24
20A
(8W-13-15)
FUSE
39
10A
(8W-13-17)
1 C8
5 C3
F983
20
PK/YL
28 C219
AMPLIFIER-
RADIO
SUBWOOFER
SIGNAL (-)
SUBWOOFER
SIGNAL (+)
13 C2
5 C2
A916
16
RD
11 C136
F983
20
PK/YL
23 C220
X31
16
GY/TN
X30
16
DG/TN
3
8 C309
F983
20
PK/YL
STD CAB
QUAD CAB
S345
(8W-13-17)
A916
16
RD
2
F983
20
PK/YL
3
X31
16
GY/TN
8
X30
16
DG/TN
9
FUSED
B(+)
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-ACC)
SUBWOOFER
SIGNAL (-)
SUBWOOFER
SIGNAL (+)
AMPLIFIER-
SUBWOOFER
(SRT)
AMPLIFIED
SUBWOOFER 2 (+)
AMPLIFIED
SUBWOOFER 2 (-)
AMPLIFIED
SUBWOOFER 1 (+)
AMPLIFIED
SUBWOOFER 1 (-)
GROUND
6
X301
16
GY/WT
4
7
X391
16
DG/WT
3
5
X300
16
GY/BR
2
4
X390
16
DG/BR
1
1
Z1
16
BK
S317
(8W-15-20)
Z918
12
BK
G302
(8W-15-20)
AMPLIFIED
SUBWOOFER 2 (+)
AMPLIFIED
SUBWOOFER 2 (-)
AMPLIFIED
SUBWOOFER 1 (+)
AMPLIFIED
SUBWOOFER 1 (-)
SPEAKER-
SUBWOOFER
(SRT)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
CAN B
BUS (+)
CAN B
BUS (-)
3 C6
11 C6
D55
20
WT/OR
D54
20
WT
37
34
C219
S211
(8W-18-3)
S213
(8W-18-4)
MEDIA
SYSTEM-
MONITOR/DVD
10
11
S349
(8W-18-3)
S350
(8W-18-4)
11
10
C201
S217
(8W-18-4)
S215
(8W-18-3)
6 C1
17 C1
AMPLIFIER-
RADIO
(PREMIUM)
5 C1
6 C1
RADIO
14
4
MODULE-
HANDS
FREE
(8W-55-2)
11
12
RECEIVER-
SATELLITE
(PREMIUM)

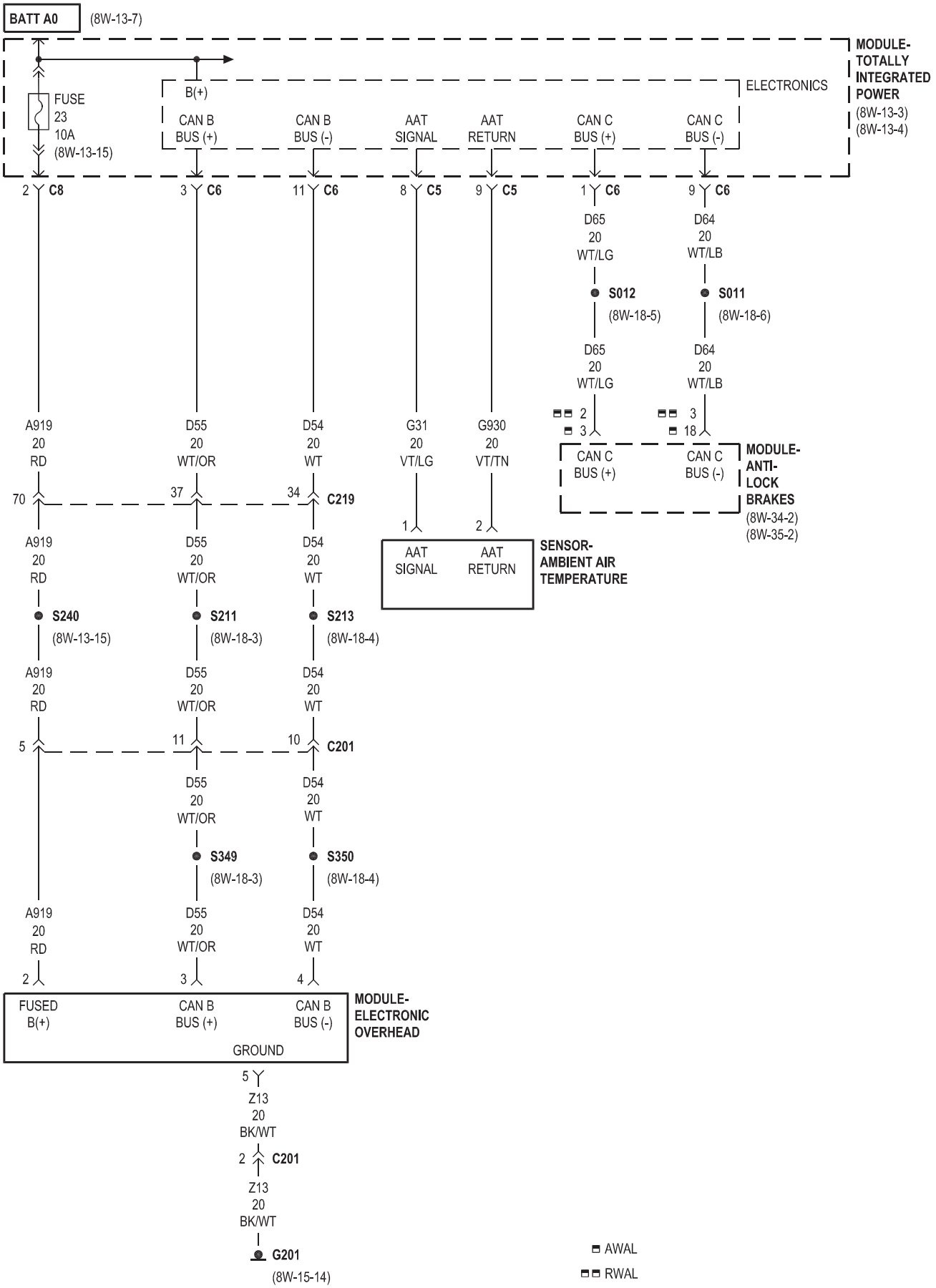
# 8W-48 REAR WINDOW DEFOGGER

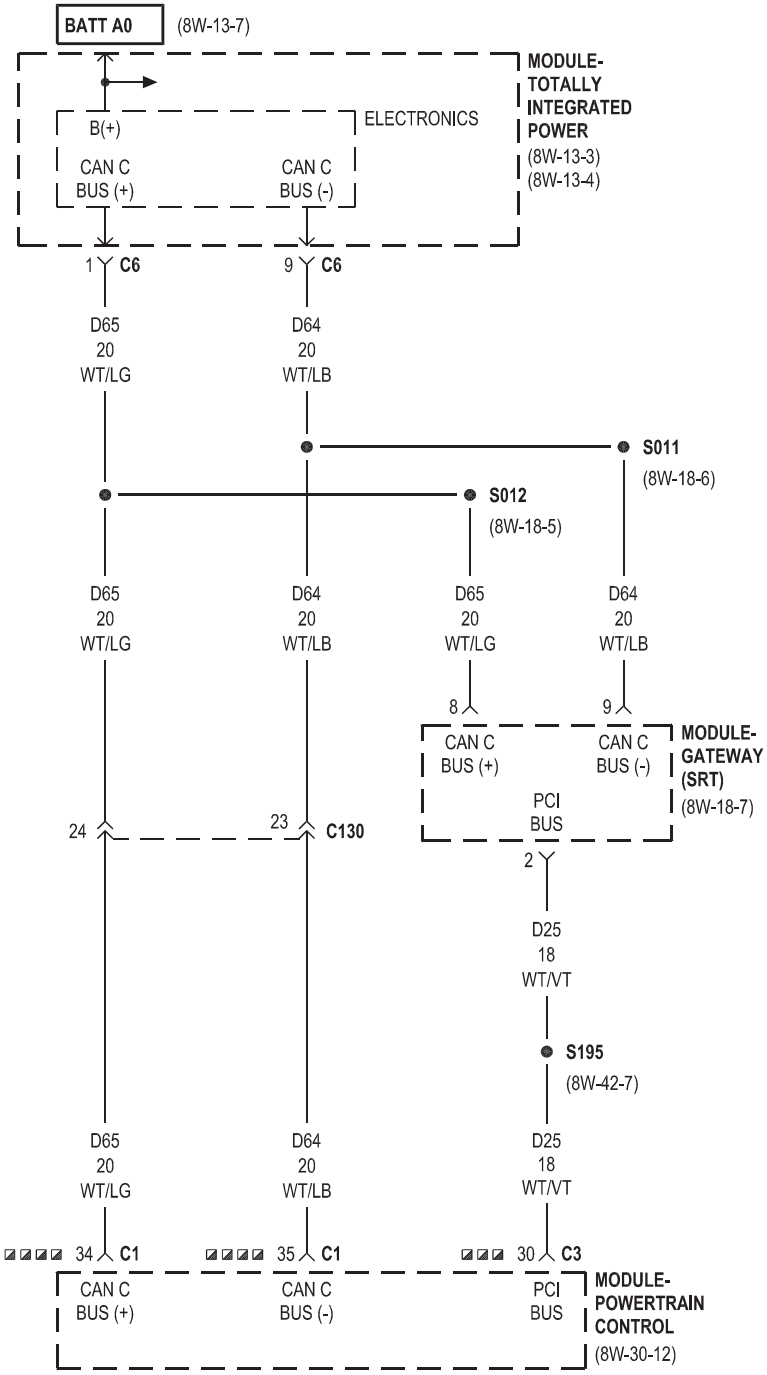

| Component | Page | Component | Page |
|---|---|---|---|
| Control-A/C-Heater | 8W-48-2 | Module-Totally Integrated Power | 8W-48-2 |
| G304 | 8W-48-2 | | |


BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
CAN B BUS(-)
CAN B BUS(+)
FUSED IGNITION SWITCH OUTPUT (RUN)
11 C6
3 C6
7 C10
D54 20 WT
D55 20 WT/OR
C15 14 DB/WT
34
37 C219
10 C136
C15 14 BK
EXCEPT SAB
SAB
S213
(8W-18-4)
S211
(8W-18-3)
MEGA CAB
EXCEPT MEGA CAB
1 C337
1 C337
C15 14 BK
C15 16 DB/WT
D54 20 WT
D55 20 WT/OR
S217
(8W-18-4)
S215
(8W-18-3)
BACKLITE-HEATED
D54 20 WT
D55 20 WT/OR
15 C1
16 C1
CAN B BUS(-)
CAN B BUS(+)
CONTROL-A/C-HEATER
(8W-42-3)
Z255 16 BK
G304
(8W-15-21)

# 8W-49 OVERHEAD CONSOLE

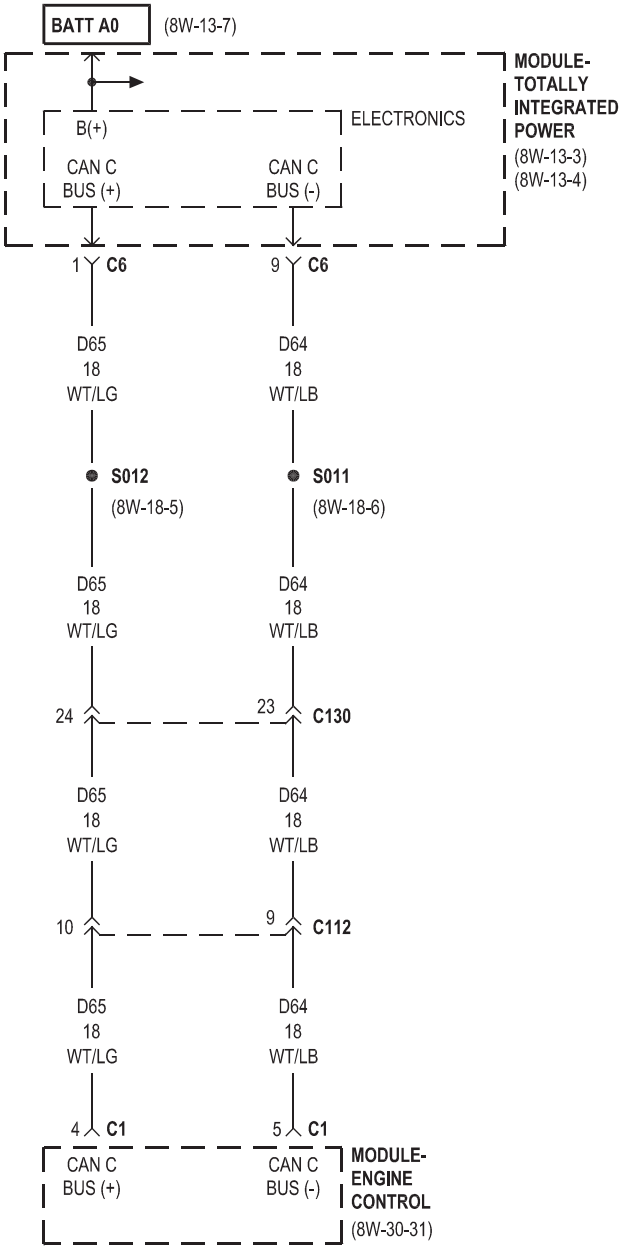

| Component | Page |
|---|---|
| Fuse 23 | 8W-49-2 |
| G201 | 8W-49-2 |
| Module-Anti-Lock Brakes | 8W-49-2 |
| Module-Electronic Overhead | 8W-49-2 |
| Module-Engine Control | 8W-49-4 |
| Module-Gateway | 8W-49-3 |
| Module-Powertrain Control | 8W-49-3 |
| Module-Totally Integrated Power | 8W-49-2,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


BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
FUSE 23 10A (8W-13-15)
B(+)
CAN B BUS (+)
CAN B BUS (-)
AAT SIGNAL
AAT RETURN
CAN C BUS (+)
CAN C BUS (-)
2 C8
3 C6
11 C6
8 C5
9 C5
1 C6
9 C6
D65 20 WT/LG
D64 20 WT/LB
S012 (8W-18-5)
S011 (8W-18-6)
A919 20 RD
D55 20 WT/OR
D54 20 WT
G31 20 VT/LG
G930 20 VT/TN
2
3
3
18
CAN C BUS (+)
CAN C BUS (-)
MODULE-ANTI-LOCK BRAKES
(8W-34-2)
(8W-35-2)
70
37
34 C219
1
2
AAT SIGNAL
AAT RETURN
SENSOR-AMBIENT AIR TEMPERATURE
S240 (8W-13-15)
S211 (8W-18-3)
S213 (8W-18-4)
5
11
10 C201
S349 (8W-18-3)
S350 (8W-18-4)
2
3
4
FUSED B(+)
CAN B BUS (+)
CAN B BUS (-)
GROUND
MODULE-ELECTRONIC OVERHEAD
5
Z13 20 BK/WT
2 C201
G201
(8W-15-14)
AWAL
RWAL



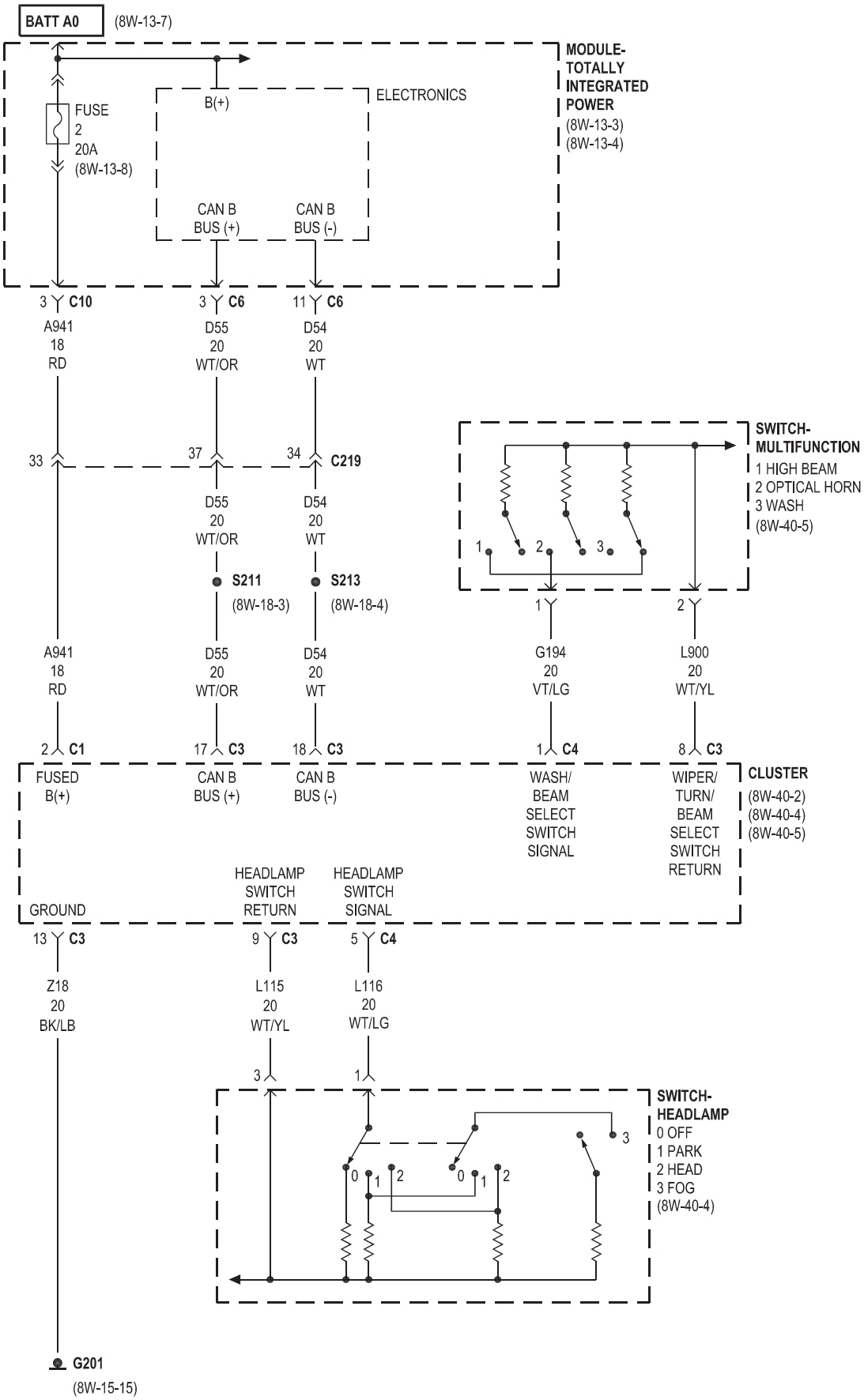

SRT

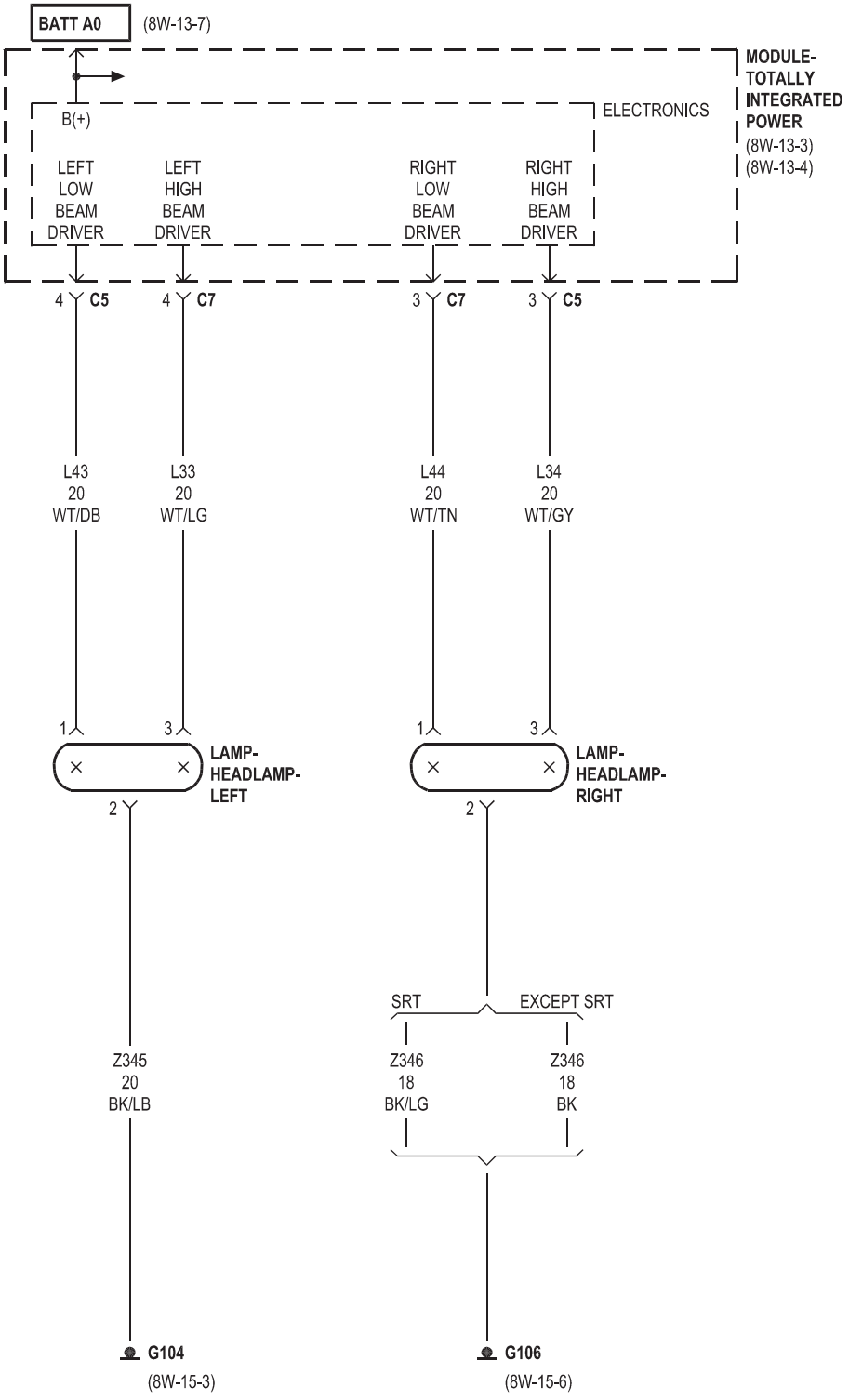
EXCEPT SRT

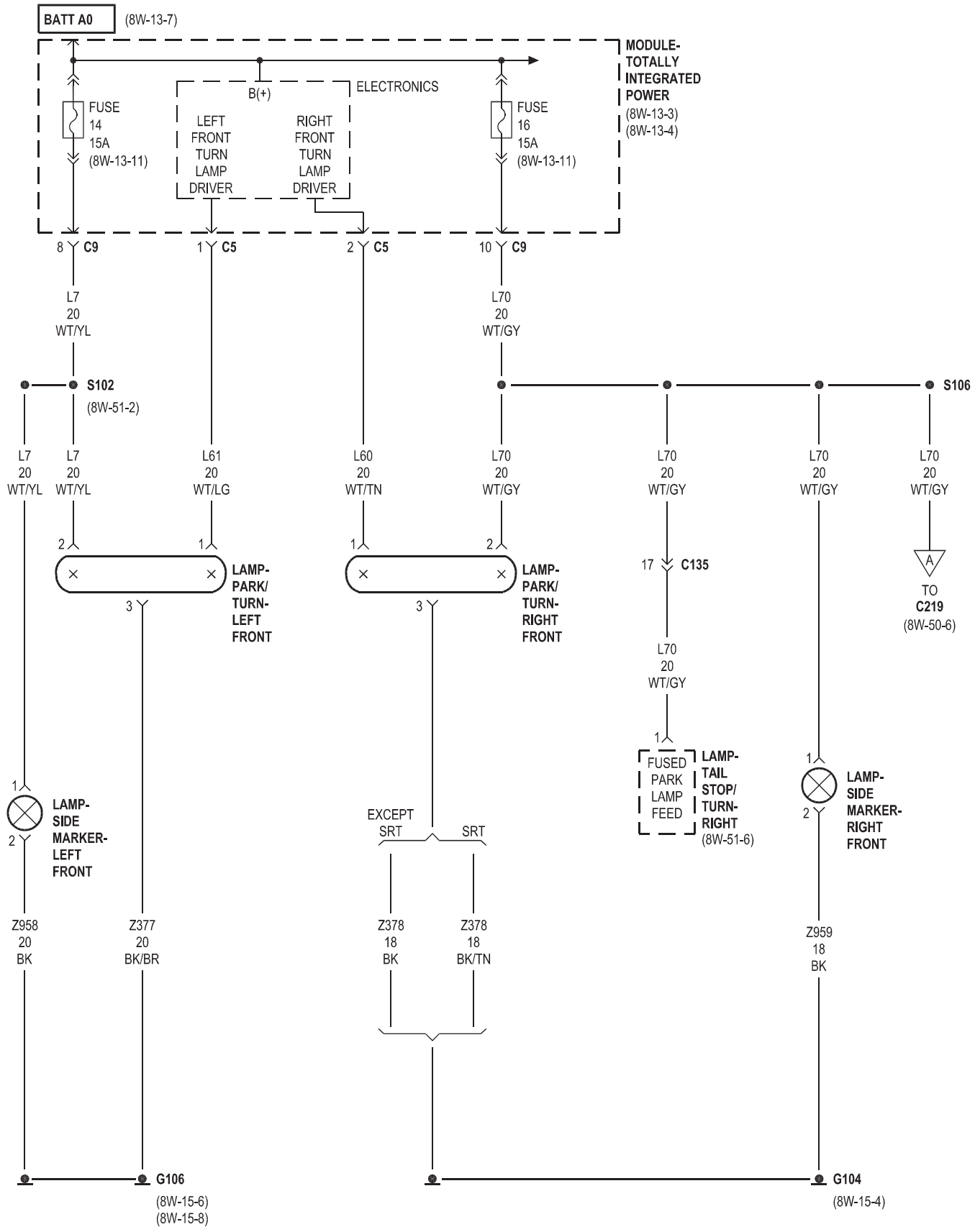

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
CAN C
BUS (+)
CAN C
BUS (-)
1 C6
9 C6
D65
18
WT/LG
D64
18
WT/LB
S012
(8W-18-5)
S011
(8W-18-6)
24
23 C130
10
9 C112
4 C1
5 C1
MODULE-
ENGINE
CONTROL
(8W-30-31)

# 8W-50 FRONT LIGHTING

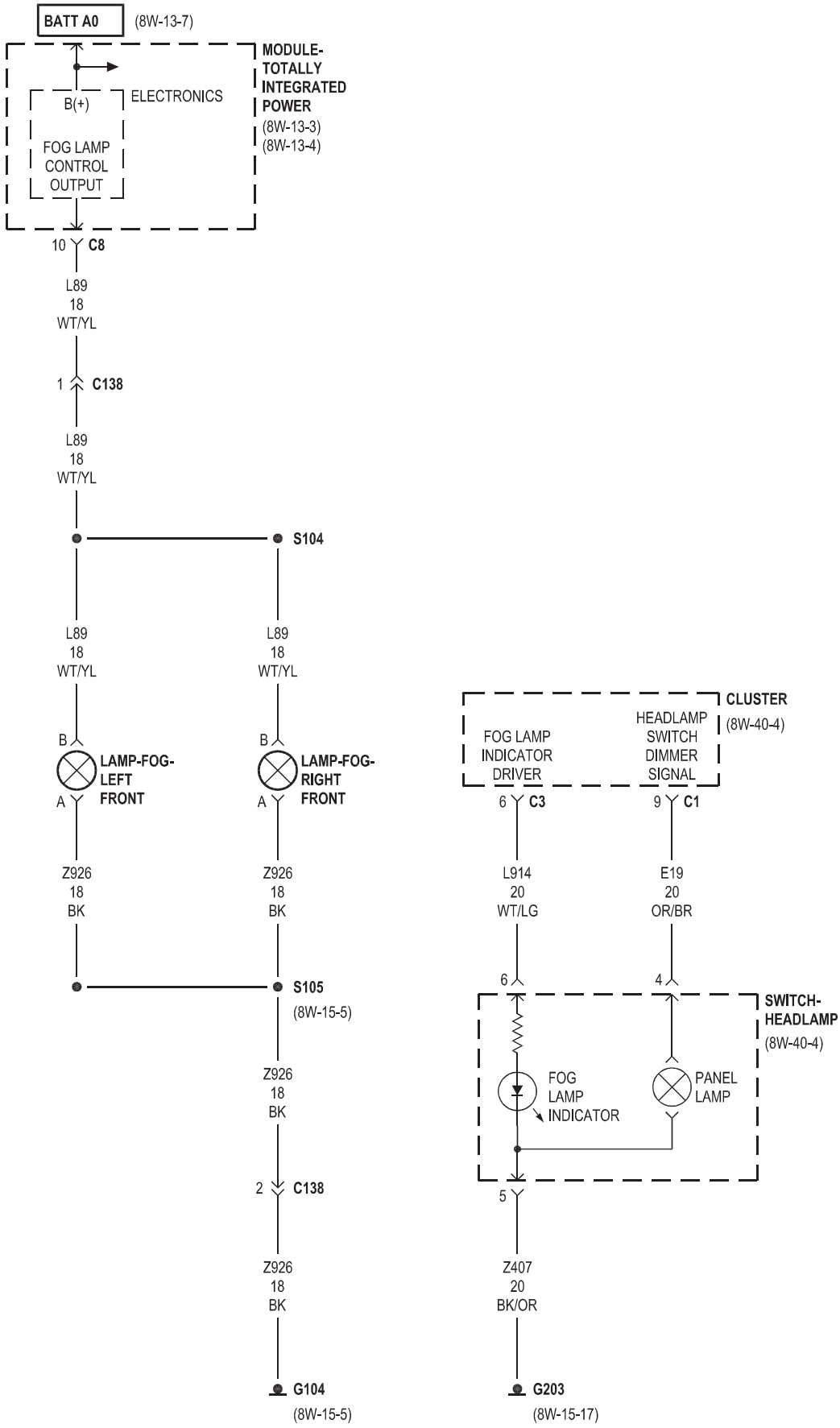

| Component | Page |
|---|---|
| Electronics | 8W-50-2, 3, 4, 5 |
| Fuse 14 | 8W-50-4 |
| Fuse 16 | 8W-50-4 |
| Fuse 2 | 8W-50-2 |
| G104 | 8W-50-3, 4, 5 |
| G106 | 8W-50-3, 4 |
| G201 | 8W-50-2 |
| G203 | 8W-50-5, 6 |
| Lamp-Center Bezel | 8W-50-6 |
| Lamp-Clearance No. 1 | 8W-50-6 |
| Lamp-Clearance 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 |

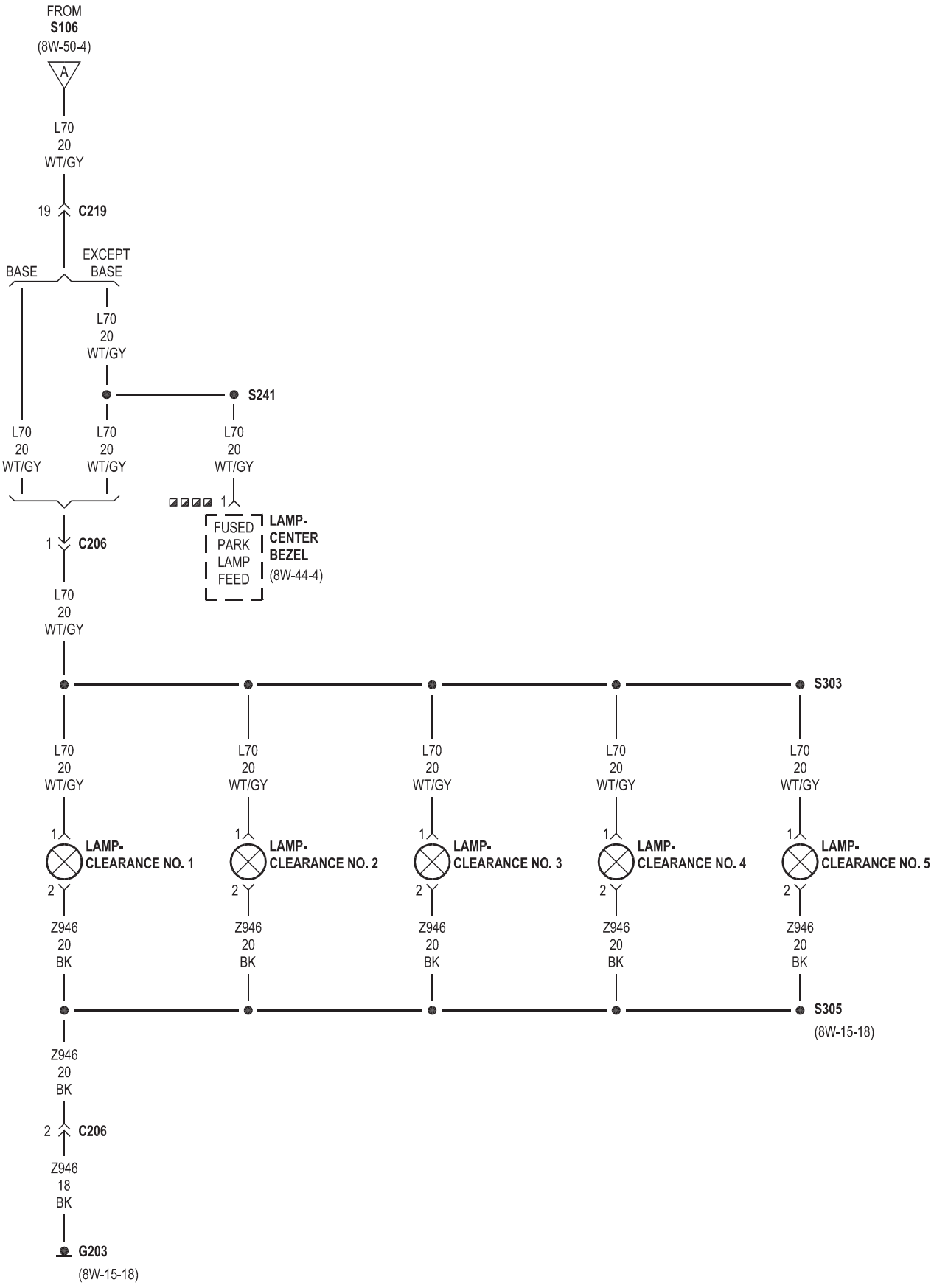

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSE
2
20A
(8W-13-8)
CAN B
BUS (+)
CAN B
BUS (-)
3 C10
A941
18
RD
3 C6
D55
20
WT/OR
11 C6
D54
20
WT
33
37
34 C219
D55
20
WT/OR
D54
20
WT
S211
(8W-18-3)
S213
(8W-18-4)
SWITCH-
MULTIFUNCTION
1 HIGH BEAM
2 OPTICAL HORN
3 WASH
(8W-40-5)
1
2
3
1
2
A941
18
RD
D55
20
WT/OR
D54
20
WT
G194
20
VT/LG
L900
20
WT/YL
2 C1
17 C3
18 C3
1 C4
8 C3
CLUSTER
(8W-40-2)
(8W-40-4)
(8W-40-5)
FUSED
B(+)
CAN B
BUS (+)
CAN B
BUS (-)
WASH/
BEAM
SELECT
SWITCH
SIGNAL
WIPER/
TURN/
BEAM
SELECT
SWITCH
RETURN
HEADLAMP
SWITCH
RETURN
HEADLAMP
SWITCH
SIGNAL
GROUND
13 C3
9 C3
5 C4
Z18
20
BK/LB
L115
20
WT/YL
L116
20
WT/LG
3
1
SWITCH-
HEADLAMP
0 OFF
1 PARK
2 HEAD
3 FOG
(8W-40-4)
0
1
2
3
G201
(8W-15-15)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
LEFT
LOW
BEAM
DRIVER
LEFT
HIGH
BEAM
DRIVER
RIGHT
LOW
BEAM
DRIVER
RIGHT
HIGH
BEAM
DRIVER
4 C5
4 C7
3 C7
3 C5
L43
20
WT/DB
L33
20
WT/LG
L44
20
WT/TN
L34
20
WT/GY
1
3
LAMP-
HEADLAMP-
LEFT
1
3
LAMP-
HEADLAMP-
RIGHT
2
2
SRT
EXCEPT SRT
Z345
20
BK/LB
Z346
18
BK/LG
Z346
18
BK
G104
(8W-15-3)
G106
(8W-15-6)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSE
14
15A
(8W-13-11)
LEFT
FRONT
TURN
LAMP
DRIVER
RIGHT
FRONT
TURN
LAMP
DRIVER
FUSE
16
15A
(8W-13-11)
8 C9
1 C5
2 C5
10 C9
L7
20
WT/YL
L70
20
WT/GY
S102
(8W-51-2)
S106
L7
20
WT/YL
L7
20
WT/YL
L61
20
WT/LG
L60
20
WT/TN
L70
20
WT/GY
L70
20
WT/GY
L70
20
WT/GY
L70
20
WT/GY
LAMP-
PARK/
TURN-
LEFT
FRONT
LAMP-
PARK/
TURN-
RIGHT
FRONT
17 C135
A
TO
C219
(8W-50-6)
L70
20
WT/GY
FUSED
PARK
LAMP
FEED
LAMP-
TAIL
STOP/
TURN-
RIGHT
(8W-51-6)
LAMP-
SIDE
MARKER-
LEFT
FRONT
LAMP-
SIDE
MARKER-
RIGHT
FRONT
EXCEPT
SRT
SRT
Z958
20
BK
Z377
20
BK/BR
Z378
18
BK
Z378
18
BK/TN
Z959
18
BK
G106
(8W-15-6)
(8W-15-8)
G104
(8W-15-4)

## EXCEPT BASE

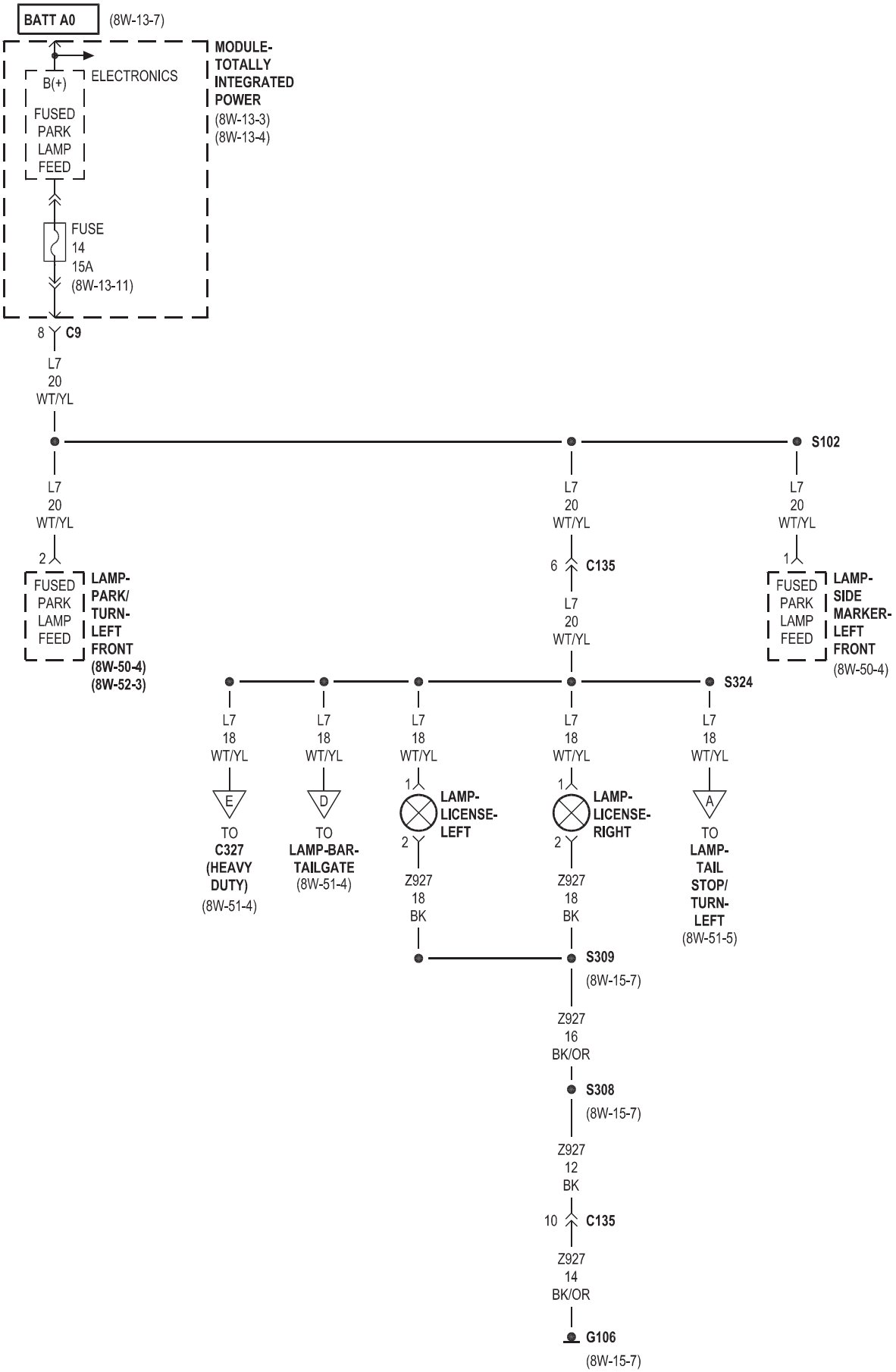

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FOG LAMP
CONTROL
OUTPUT
10 C8
L89
18
WT/YL
1 C138
L89
18
WT/YL
S104
L89
18
WT/YL
L89
18
WT/YL
B
A
LAMP-FOG-
LEFT
FRONT
B
A
LAMP-FOG-
RIGHT
FRONT
Z926
18
BK
Z926
18
BK
S105
(8W-15-5)
Z926
18
BK
2 C138
Z926
18
BK
G104
(8W-15-5)
CLUSTER
(8W-40-4)
FOG LAMP
INDICATOR
DRIVER
HEADLAMP
SWITCH
DIMMER
SIGNAL
6 C3
9 C1
L914
20
WT/LG
E19
20
OR/BR
6
4
SWITCH-
HEADLAMP
(8W-40-4)
FOG
LAMP
INDICATOR
PANEL
LAMP
5
Z407
20
BK/OR
G203
(8W-15-17)

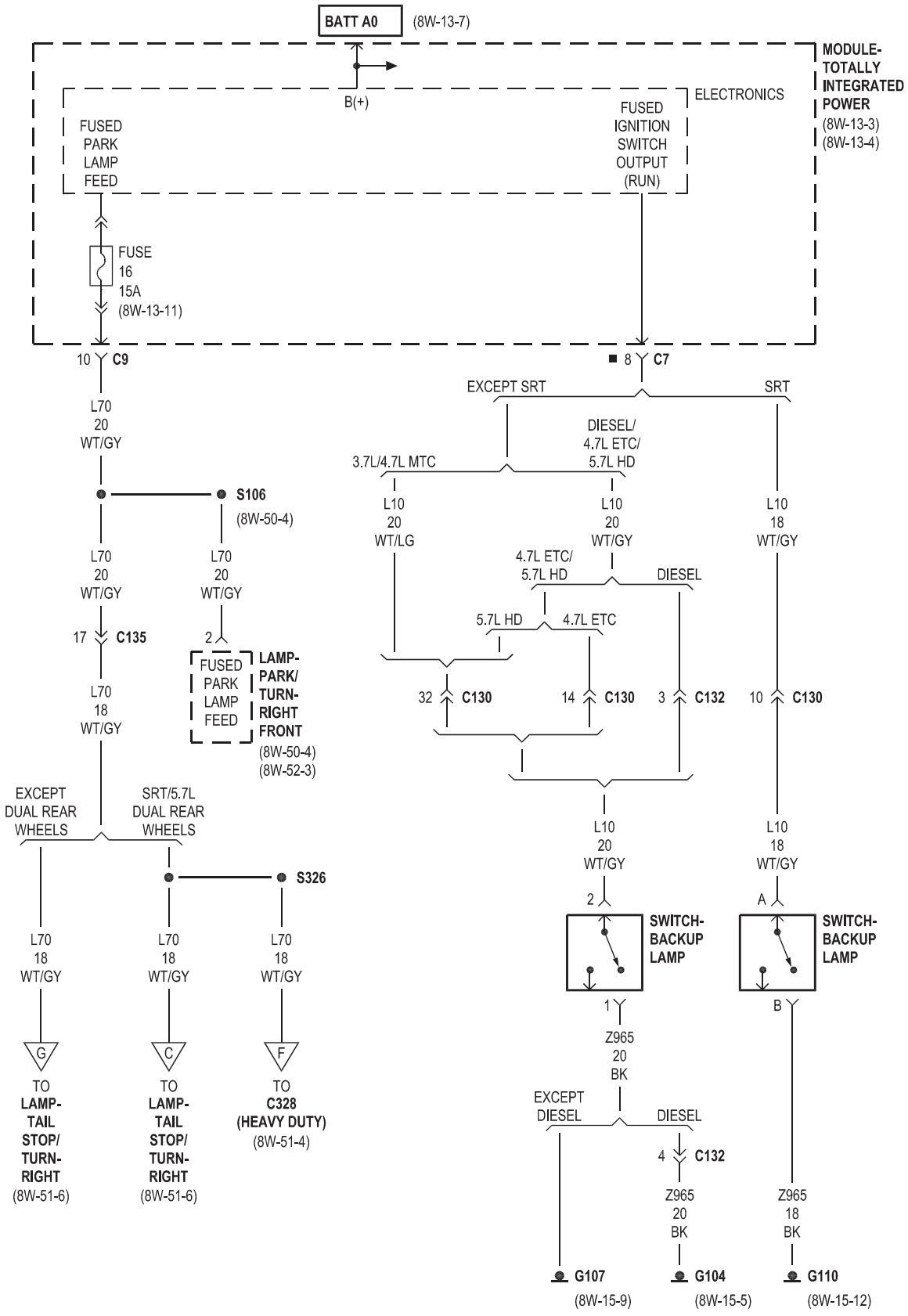

FROM
S106
(8W-50-4)
A
L70
20
WT/GY
19
C219
BASE
EXCEPT
BASE
L70
20
WT/GY
S241
L70
20
WT/GY
L70
20
WT/GY
L70
20
WT/GY
1
FUSED
PARK
LAMP
FEED
LAMP-
CENTER
BEZEL
(8W-44-4)
1
C206
L70
20
WT/GY
S303
L70
20
WT/GY
L70
20
WT/GY
L70
20
WT/GY
L70
20
WT/GY
L70
20
WT/GY
1
LAMP-
CLEARANCE NO. 1
2
Z946
20
BK
1
LAMP-
CLEARANCE NO. 2
2
Z946
20
BK
1
LAMP-
CLEARANCE NO. 3
2
Z946
20
BK
1
LAMP-
CLEARANCE NO. 4
2
Z946
20
BK
1
LAMP-
CLEARANCE NO. 5
2
Z946
20
BK
S305
(8W-15-18)
Z946
20
BK
2
C206
Z946
18
BK
G203
(8W-15-18)

EXCEPT SRT

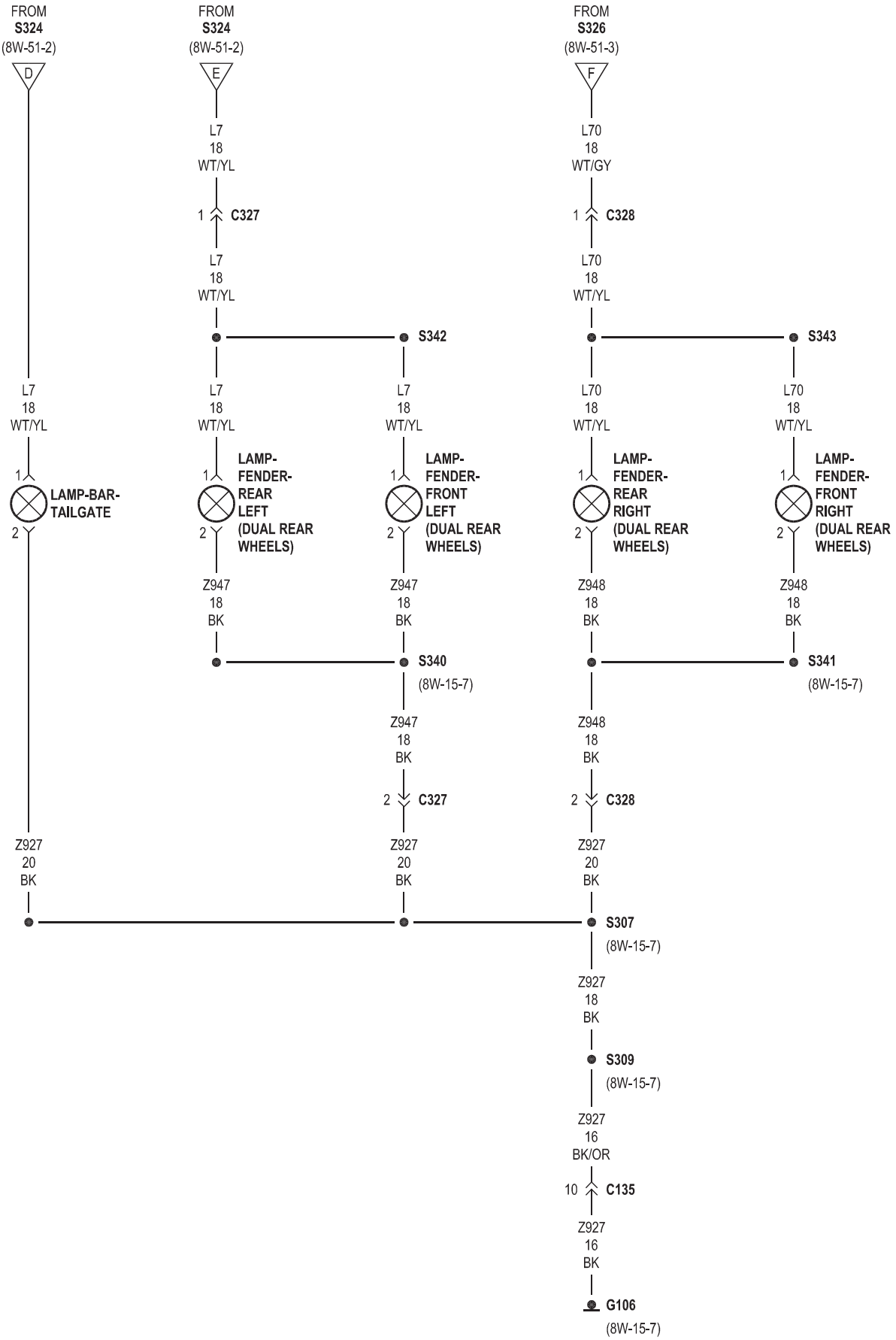
# 8W-51 REAR LIGHTING

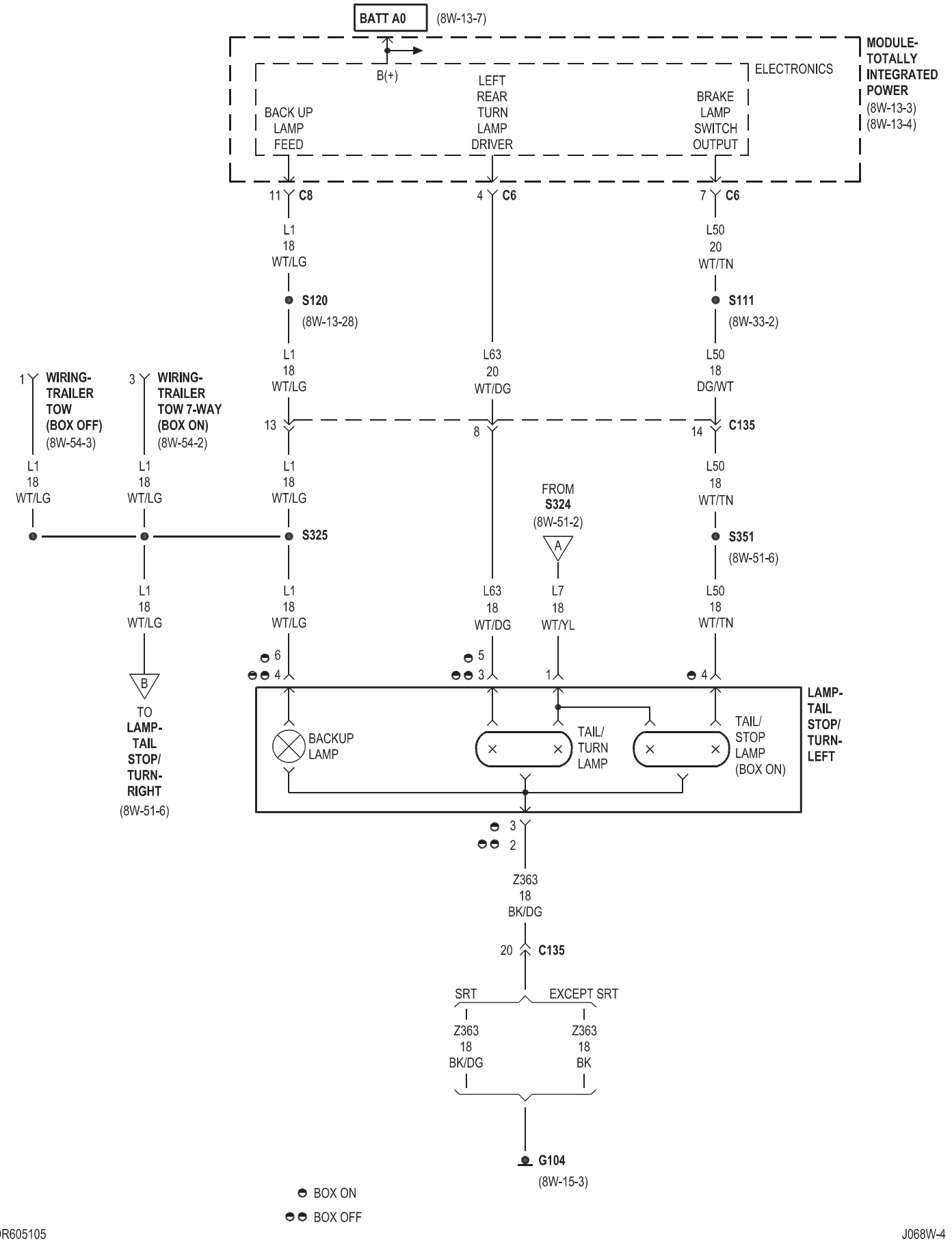

| Component | Page |
|---|---|
| Electronics | 8W-51-2, 3, 5, 6 |
| Fuse 14 | 8W-51-2 |
| Fuse 16 | 8W-51-3 |
| Fuse 26 | 8W-51-7 |
| G104 | 8W-51-3, 5 |
| G106 | 8W-51-2, 4, 6 |
| G107 | 8W-51-3 |
| G110 | 8W-51-3 |
| G203 | 8W-51-7 |
| Lamp-Bar-Tailgate | 8W-51-2, 4 |
| Lamp-CHMSL-Aftermarket | 8W-51-6 |
| 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 |

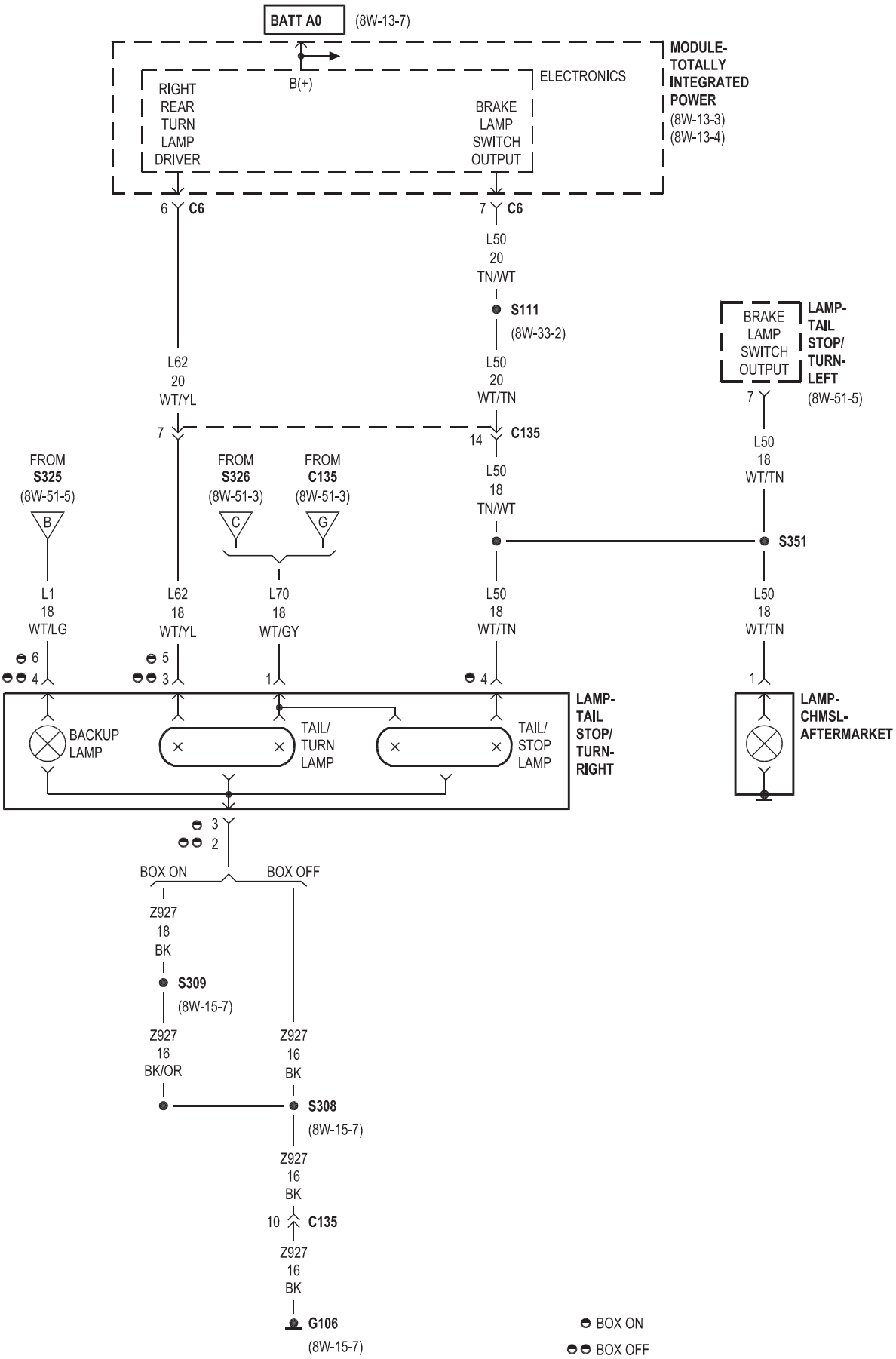

BATT A0
(8W-13-7)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED PARK LAMP FEED
FUSE 14 15A
(8W-13-11)
8 C9
L7 20 WT/YL
S102
L7 20 WT/YL
2
FUSED PARK LAMP FEED
LAMP-PARK/TURN-LEFT FRONT
(8W-50-4)
(8W-52-3)
6 C135
1
LAMP-SIDE MARKER-LEFT FRONT
(8W-50-4)
S324
L7 18 WT/YL
E
TO C327 (HEAVY DUTY)
(8W-51-4)
D
TO LAMP-BAR-TAILGATE
(8W-51-4)
LAMP-LICENSE-LEFT
LAMP-LICENSE-RIGHT
A
TO LAMP-TAIL STOP/TURN-LEFT
(8W-51-5)
Z927 18 BK
S309
(8W-15-7)
Z927 16 BK/OR
S308
(8W-15-7)
Z927 12 BK
10 C135
Z927 14 BK/OR
G106
(8W-15-7)

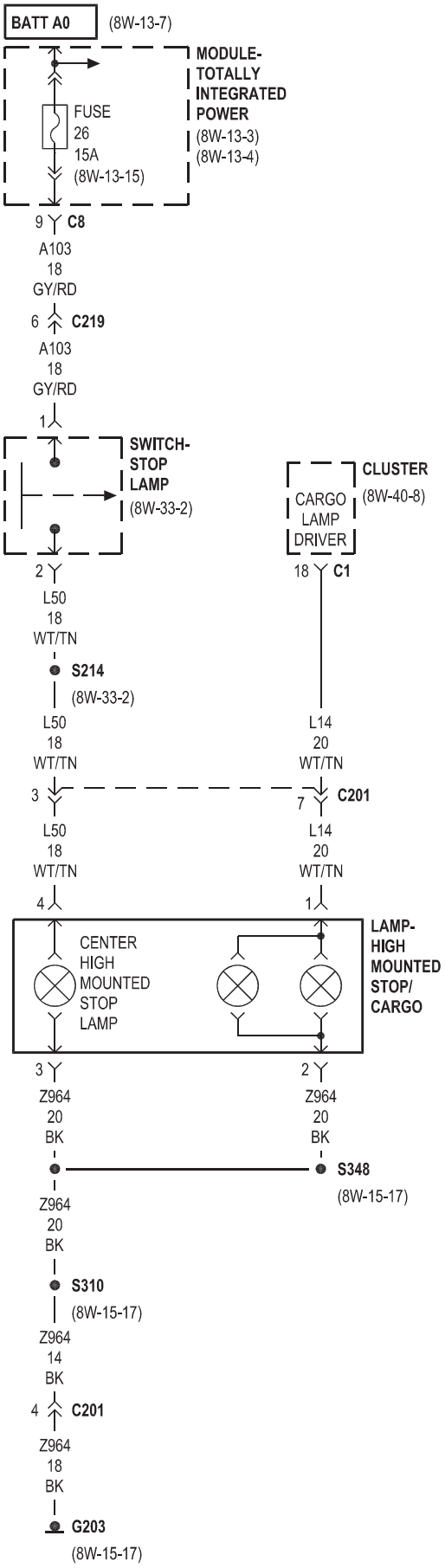

BATT A0
(8W-13-7)
B(+)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
FUSED PARK LAMP FEED
FUSED IGNITION SWITCH OUTPUT (RUN)
FUSE 16 15A
(8W-13-11)
10 C9
8 C7
EXCEPT SRT
SRT
DIESEL/ 4.7L ETC/ 5.7L HD
3.7L/4.7L MTC
L70 20 WT/GY
L10 20 WT/LG
L10 20 WT/GY
L10 18 WT/GY
S106
(8W-50-4)
4.7L ETC/ 5.7L HD
DIESEL
5.7L HD
4.7L ETC
17 C135
2
FUSED PARK LAMP FEED
LAMP-PARK/ TURN-RIGHT FRONT
(8W-50-4)
(8W-52-3)
32 C130
14 C130
3 C132
10 C130
L70 18 WT/GY
EXCEPT DUAL REAR WHEELS
SRT/5.7L DUAL REAR WHEELS
S326
L10 18 WT/GY
2
A
SWITCH-BACKUP LAMP
1
B
Z965 20 BK
EXCEPT DIESEL
DIESEL
4 C132
G
C
F
TO LAMP-TAIL STOP/ TURN-RIGHT
(8W-51-6)
TO C328 (HEAVY DUTY)
(8W-51-4)
Z965 18 BK
G107
(8W-15-9)
G104
(8W-15-5)
G110
(8W-15-12)

■ M/T


FROM
S324
(8W-51-2)
D
L7
18
WT/YL
1
LAMP-BAR-
TAILGATE
2
Z927
20
BK
FROM
S324
(8W-51-2)
E
L7
18
WT/YL
1
C327
L7
18
WT/YL
S342
L7
18
WT/YL
1
LAMP-
FENDER-
REAR
LEFT
(DUAL REAR
WHEELS)
2
Z947
18
BK
L7
18
WT/YL
1
LAMP-
FENDER-
FRONT
LEFT
(DUAL REAR
WHEELS)
2
Z947
18
BK
S340
(8W-15-7)
Z947
18
BK
2
C327
Z927
20
BK
FROM
S326
(8W-51-3)
F
L70
18
WT/GY
1
C328
L70
18
WT/YL
S343
L70
18
WT/YL
1
LAMP-
FENDER-
REAR
RIGHT
(DUAL REAR
WHEELS)
2
Z948
18
BK
L70
18
WT/YL
1
LAMP-
FENDER-
FRONT
RIGHT
(DUAL REAR
WHEELS)
2
Z948
18
BK
S341
(8W-15-7)
Z948
18
BK
2
C328
Z927
20
BK
S307
(8W-15-7)
Z927
18
BK
S309
(8W-15-7)
Z927
16
BK/OR
10
C135
Z927
16
BK
G106
(8W-15-7)

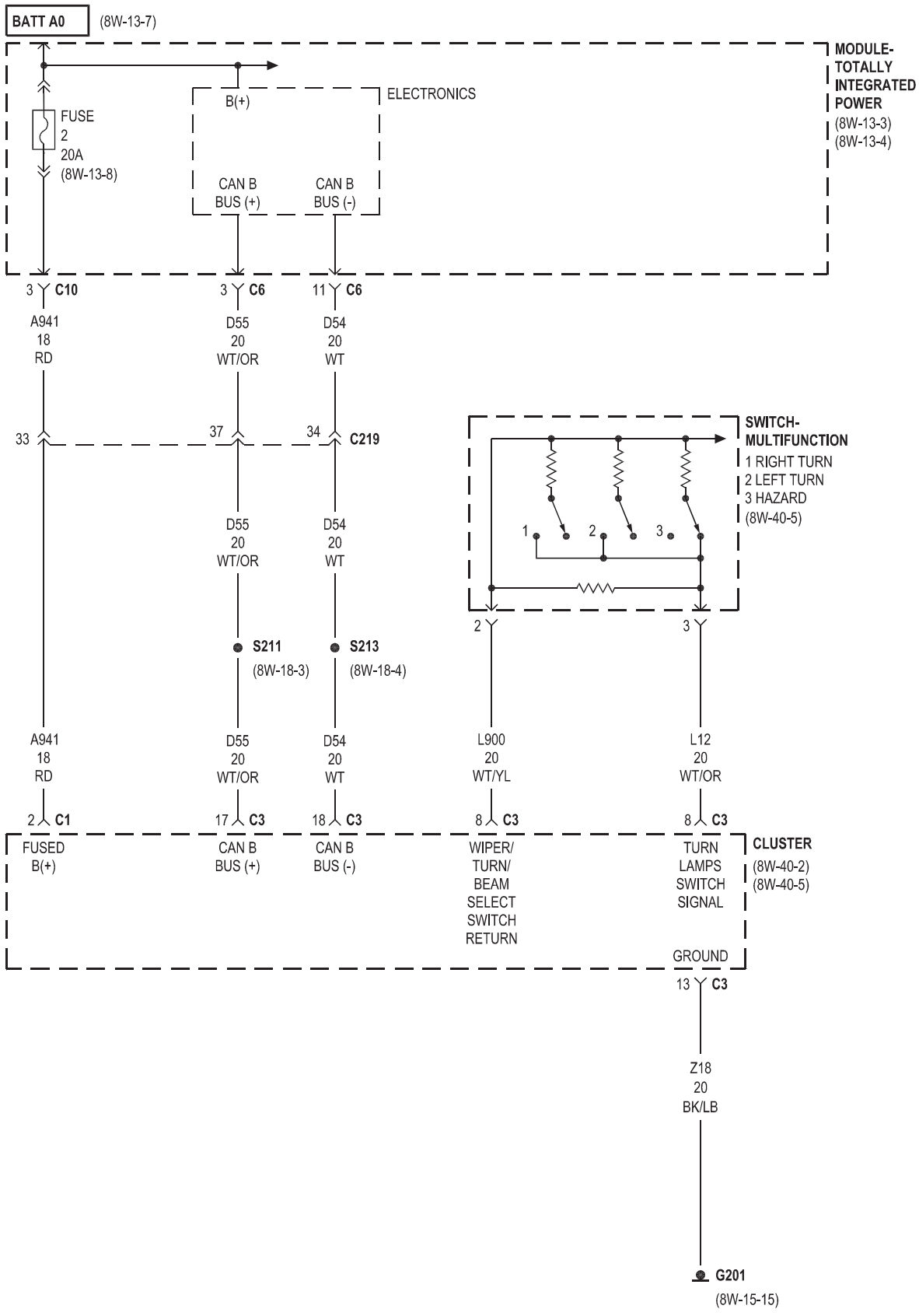

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
BACK UP LAMP FEED
LEFT REAR TURN LAMP DRIVER
BRAKE LAMP SWITCH OUTPUT
11 C8
4 C6
7 C6
L1 18 WT/LG
L50 20 WT/TN
S120
(8W-13-28)
S111
(8W-33-2)
L1 18 WT/LG
L63 20 WT/DG
L50 18 DG/WT
1 WIRING-TRAILER TOW (BOX OFF)
(8W-54-3)
3 WIRING-TRAILER TOW 7-WAY (BOX ON)
(8W-54-2)
13
8
14 C135
L1 18 WT/LG
L1 18 WT/LG
L1 18 WT/LG
L50 18 WT/TN
FROM S324
(8W-51-2)
A
S325
S351
(8W-51-6)
L1 18 WT/LG
L1 18 WT/LG
L63 18 WT/DG
L7 18 WT/YL
L50 18 WT/TN
6
4
5
3
1
4
B
TO LAMP-TAIL STOP/ TURN-RIGHT
(8W-51-6)
LAMP-TAIL STOP/ TURN-LEFT
BACKUP LAMP
TAIL/ TURN LAMP
TAIL/ STOP LAMP (BOX ON)
3
2
Z363 18 BK/DG
20 C135
SRT
EXCEPT SRT
Z363 18 BK/DG
Z363 18 BK
G104
(8W-15-3)
BOX ON
BOX OFF

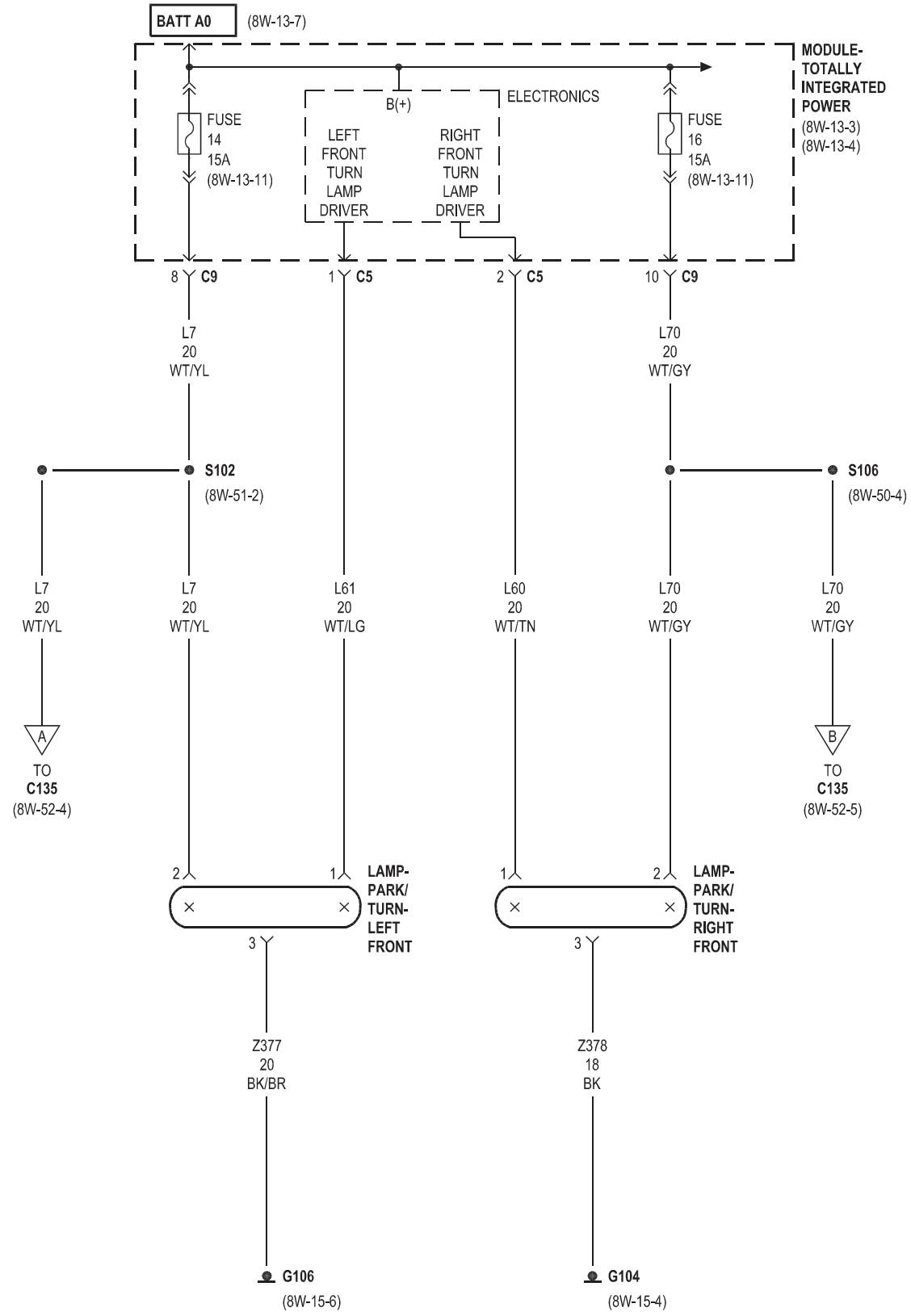

BATT A0
(8W-13-7)
B(+)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
RIGHT REAR TURN LAMP DRIVER
BRAKE LAMP SWITCH OUTPUT
6 C6
7 C6
L50 20 TN/WT
S111
(8W-33-2)
L62 20 WT/YL
L50 20 WT/TN
7
14 C135
BRAKE LAMP SWITCH OUTPUT
LAMP-TAIL STOP/ TURN-LEFT
(8W-51-5)
7
L50 18 WT/TN
S351
FROM S325 (8W-51-5)
FROM S326 (8W-51-3)
FROM C135 (8W-51-3)
B
C
G
L1 18 WT/LG
L62 18 WT/YL
L70 18 WT/GY
L50 18 TN/WT
L50 18 WT/TN
L50 18 WT/TN
6
4
5
3
1
4
1
BACKUP LAMP
TAIL/ TURN LAMP
TAIL/ STOP LAMP
LAMP-TAIL STOP/ TURN-RIGHT
LAMP-CHMSL-AFTERMARKET
3
2
BOX ON
BOX OFF
Z927 18 BK
S309
(8W-15-7)
Z927 16 BK/OR
Z927 16 BK
S308
(8W-15-7)
Z927 16 BK
10 C135
Z927 16 BK
G106
(8W-15-7)
BOX ON
BOX OFF

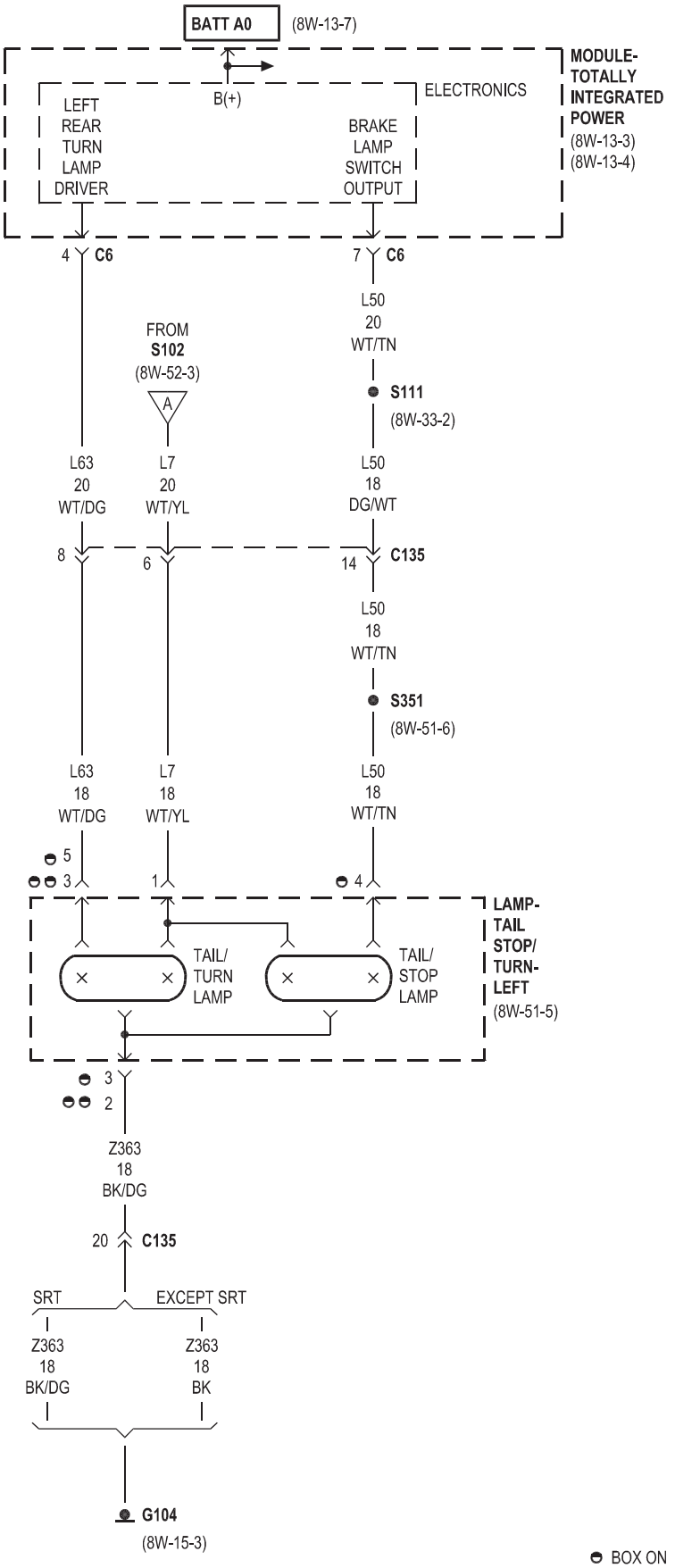

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
26
15A
(8W-13-15)
9
C8
A103
18
GY/RD
6
C219
A103
18
GY/RD
1
SWITCH-
STOP
LAMP
(8W-33-2)
CLUSTER
(8W-40-8)
CARGO
LAMP
DRIVER
18
C1
2
L50
18
WT/TN
S214
(8W-33-2)
L50
18
WT/TN
L14
20
WT/TN
3
7
C201
L50
18
WT/TN
L14
20
WT/TN
4
1
CENTER
HIGH
MOUNTED
STOP
LAMP
LAMP-
HIGH
MOUNTED
STOP/
CARGO
3
2
Z964
20
BK
Z964
20
BK
S348
(8W-15-17)
Z964
20
BK
S310
(8W-15-17)
Z964
14
BK
4
C201
Z964
18
BK
G203
(8W-15-17)

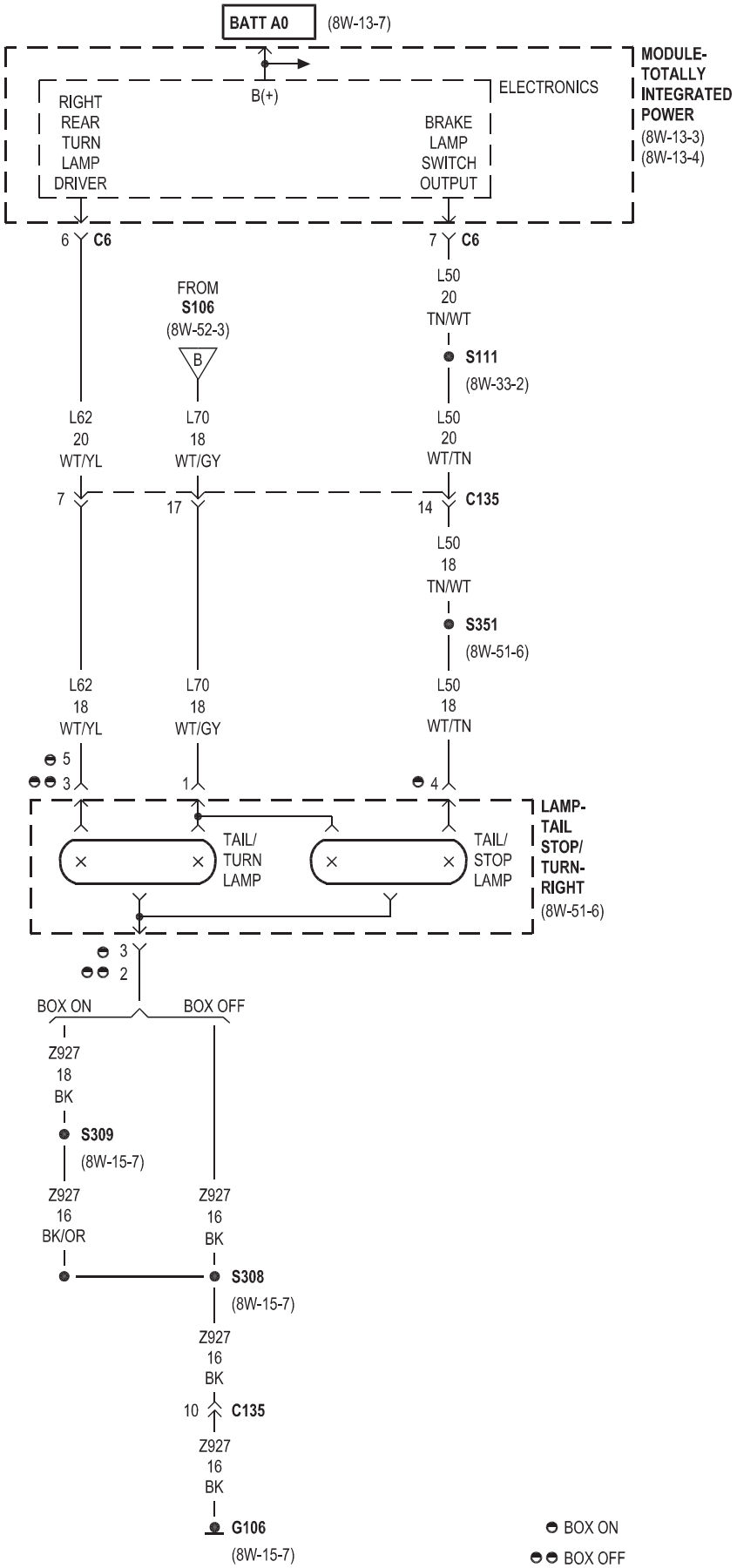
# 8W-52 TURN SIGNALS

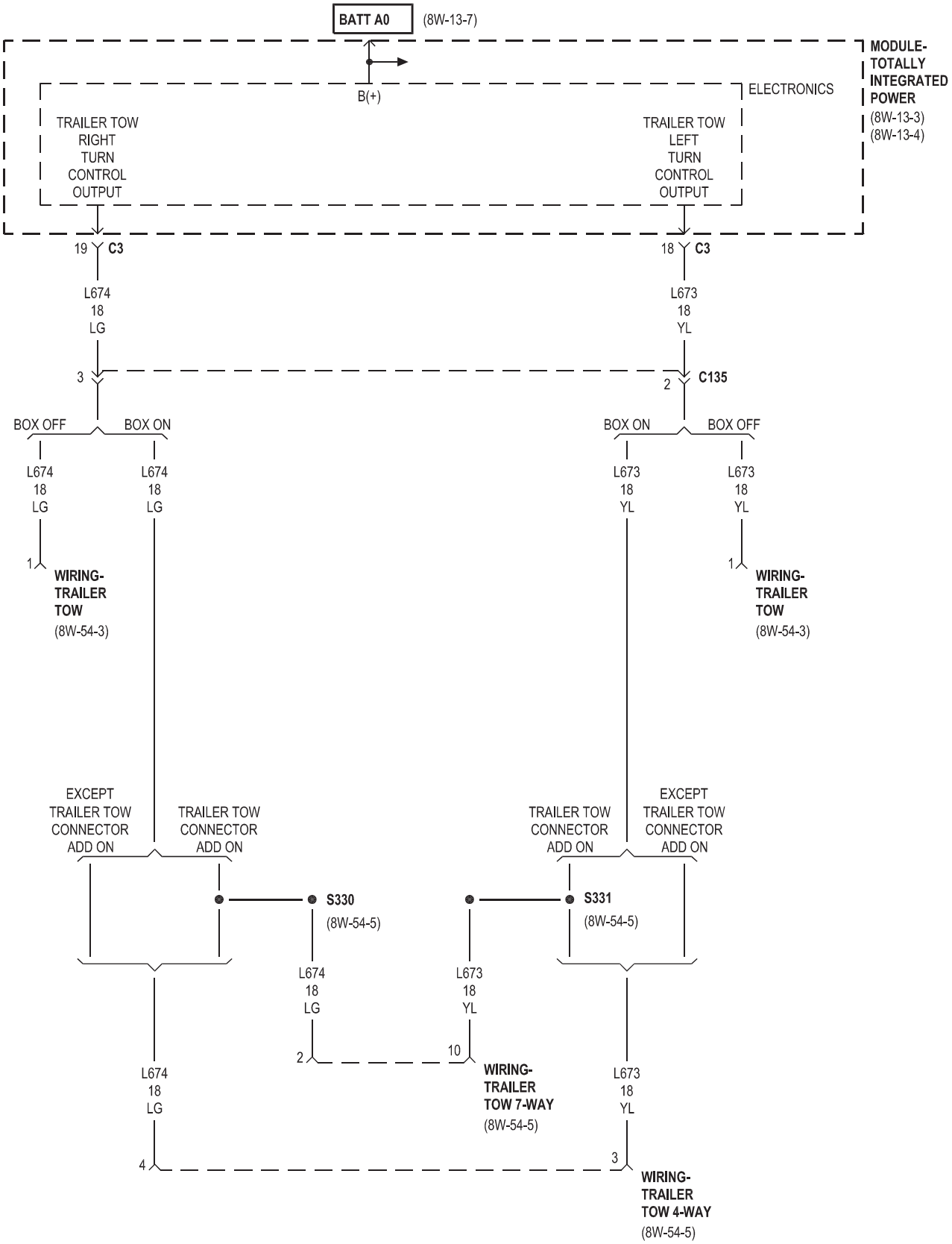

| Component | Page |
|---|---|
| Electronics | 8W-52-2, 3, 4, 5, 6 |
| Fuse 14 | 8W-52-3 |
| Fuse 16 | 8W-52-3 |
| Fuse 2 | 8W-52-2 |
| G104 | 8W-52-3, 4 |
| G106 | 8W-52-3, 5 |
| G201 | 8W-52-2 |
| Lamp-Park/Turn-Left Front | 8W-52-3 |
| Lamp-Park/Turn-Right Front | 8W-52-3 |
| Lamp-Tail Stop/Turn-Left | 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 |


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
FUSE
2
20A
(8W-13-8)
CAN B
BUS (+)
CAN B
BUS (-)
3 C10
3 C6
11 C6
A941
18
RD
D55
20
WT/OR
D54
20
WT
33
37
34 C219
SWITCH-
MULTIFUNCTION
1 RIGHT TURN
2 LEFT TURN
3 HAZARD
(8W-40-5)
1
2
3
S211
(8W-18-3)
S213
(8W-18-4)
2
3
L900
20
WT/YL
L12
20
WT/OR
2 C1
17 C3
18 C3
8 C3
8 C3
FUSED
B(+)
CAN B
BUS (+)
CAN B
BUS (-)
WIPER/
TURN/
BEAM
SELECT
SWITCH
RETURN
TURN
LAMPS
SWITCH
SIGNAL
CLUSTER
(8W-40-2)
(8W-40-5)
GROUND
13 C3
Z18
20
BK/LB
G201
(8W-15-15)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSE
14
15A
(8W-13-11)
LEFT
FRONT
TURN
LAMP
DRIVER
RIGHT
FRONT
TURN
LAMP
DRIVER
FUSE
16
15A
(8W-13-11)
8 C9
1 C5
2 C5
10 C9
L7
20
WT/YL
L70
20
WT/GY
S102
(8W-51-2)
S106
(8W-50-4)
L7
20
WT/YL
L7
20
WT/YL
L61
20
WT/LG
L60
20
WT/TN
L70
20
WT/GY
L70
20
WT/GY
A
TO
C135
(8W-52-4)
B
TO
C135
(8W-52-5)
2
1
LAMP-
PARK/
TURN-
LEFT
FRONT
1
2
LAMP-
PARK/
TURN-
RIGHT
FRONT
3
3
Z377
20
BK/BR
Z378
18
BK
G106
(8W-15-6)
G104
(8W-15-4)

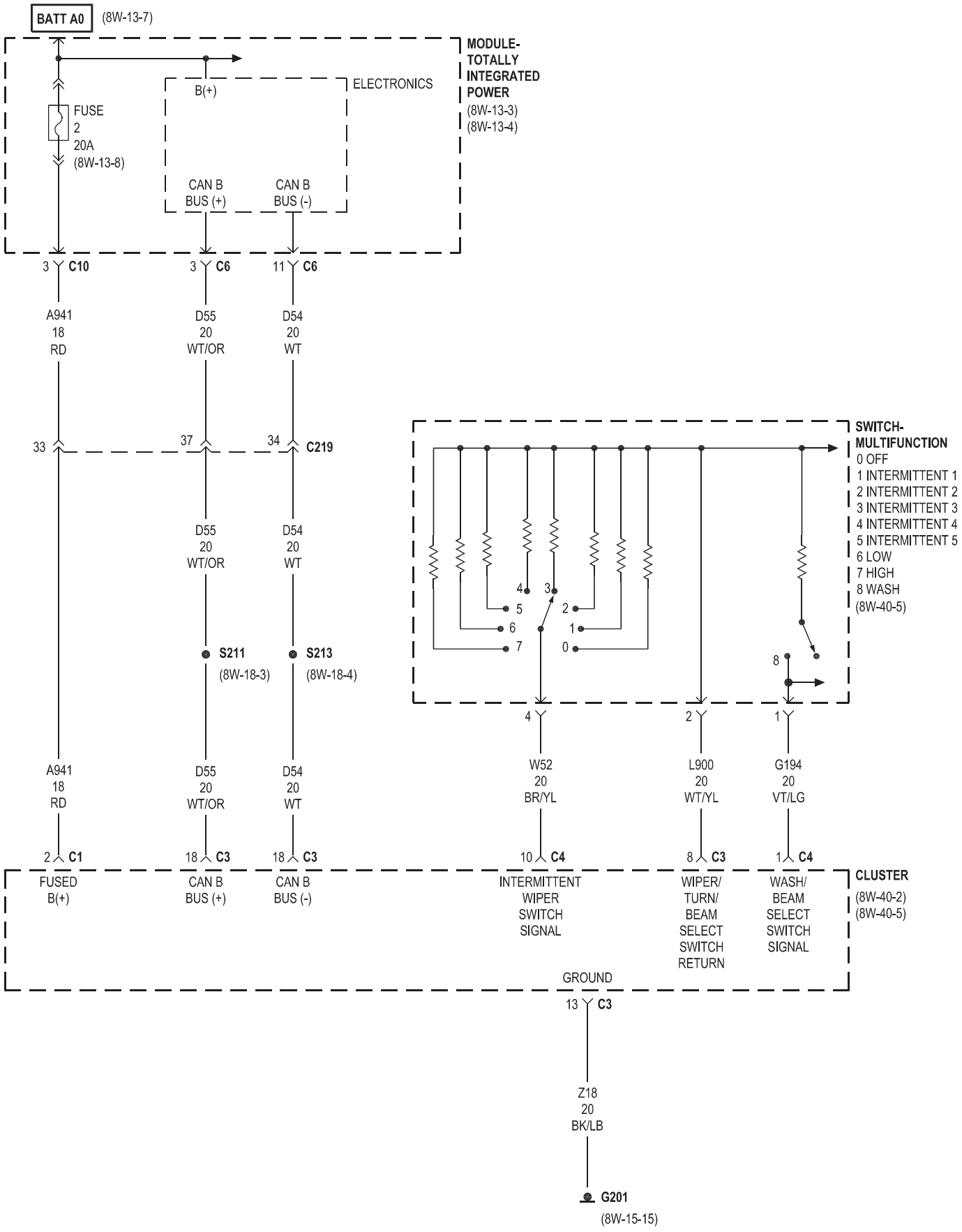

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
LEFT
REAR
TURN
LAMP
DRIVER
BRAKE
LAMP
SWITCH
OUTPUT
4 C6
7 C6
L50
20
WT/TN
FROM
S102
(8W-52-3)
A
S111
(8W-33-2)
L63
20
WT/DG
L7
20
WT/YL
L50
18
DG/WT
8
6
14 C135
L50
18
WT/TN
S351
(8W-51-6)
L63
18
WT/DG
L7
18
WT/YL
L50
18
WT/TN
5
3
1
4
LAMP-
TAIL
STOP/
TURN-
LEFT
(8W-51-5)
TAIL/
TURN
LAMP
TAIL/
STOP
LAMP
3
2
Z363
18
BK/DG
20 C135
SRT
EXCEPT SRT
Z363
18
BK/DG
Z363
18
BK
G104
(8W-15-3)
BOX ON
BOX OFF

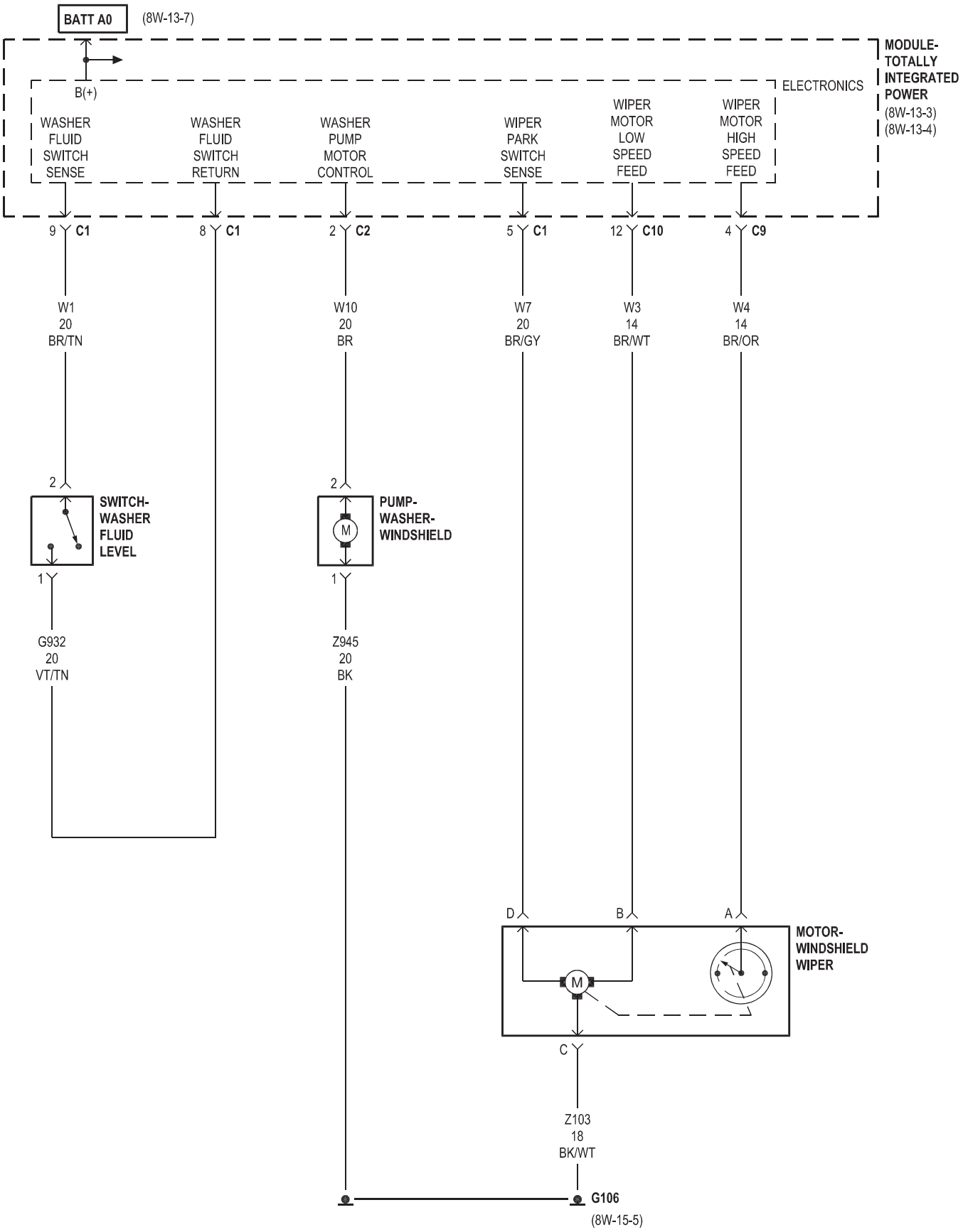

BATT A0
(8W-13-7)
B(+)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
RIGHT
REAR
TURN
LAMP
DRIVER
BRAKE
LAMP
SWITCH
OUTPUT
6 C6
7 C6
FROM
S106
(8W-52-3)
B
L50
20
TN/WT
S111
(8W-33-2)
L62
20
WT/YL
L70
18
WT/GY
L50
20
WT/TN
7
17
14 C135
L50
18
TN/WT
S351
(8W-51-6)
L62
18
WT/YL
L70
18
WT/GY
L50
18
WT/TN
5
3
1
4
LAMP-
TAIL
STOP/
TURN-
RIGHT
(8W-51-6)
TAIL/
TURN
LAMP
TAIL/
STOP
LAMP
3
2
BOX ON
BOX OFF
Z927
18
BK
S309
(8W-15-7)
Z927
16
BK/OR
Z927
16
BK
S308
(8W-15-7)
Z927
16
BK
10 C135
Z927
16
BK
G106
(8W-15-7)
BOX ON
BOX OFF


BATT A0
(8W-13-7)
B(+)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
TRAILER TOW
RIGHT
TURN
CONTROL
OUTPUT
TRAILER TOW
LEFT
TURN
CONTROL
OUTPUT
19 C3
18 C3
L674
18
LG
L673
18
YL
3
2 C135
BOX OFF
BOX ON
BOX ON
BOX OFF
L674
18
LG
L674
18
LG
L673
18
YL
L673
18
YL
1
1
WIRING-
TRAILER
TOW
(8W-54-3)
WIRING-
TRAILER
TOW
(8W-54-3)
EXCEPT
TRAILER TOW
CONNECTOR
ADD ON
TRAILER TOW
CONNECTOR
ADD ON
TRAILER TOW
CONNECTOR
ADD ON
EXCEPT
TRAILER TOW
CONNECTOR
ADD ON
S330
(8W-54-5)
S331
(8W-54-5)
L674
18
LG
L673
18
YL
2
10
L674
18
LG
WIRING-
TRAILER
TOW 7-WAY
(8W-54-5)
L673
18
YL
4
3
WIRING-
TRAILER
TOW 4-WAY
(8W-54-5)

# 8W-53 WIPERS

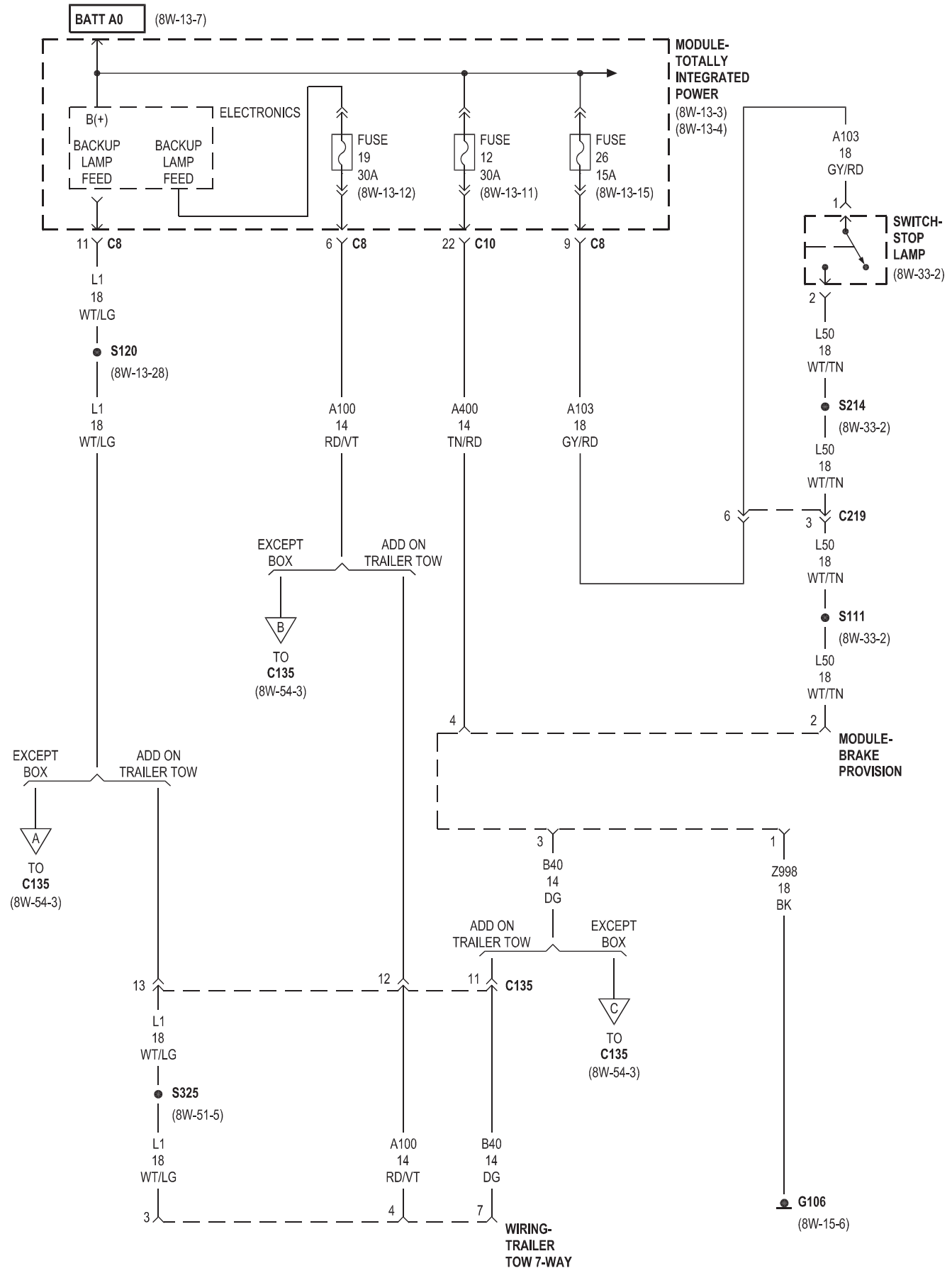

| Component | Page |
|---|---|
| Electronics | 8W-53-2, 3 |
| Fuse 2 | 8W-53-2 |
| G106 | 8W-53-3 |
| G201 | 8W-53-2 |
| Module-Totally Integrated Power | 8W-53-2, 3 |
| Motor-Windshield Wiper | 8W-53-3 |
| Pump-Washer-Windshield | 8W-53-3 |
| Switch-Multifunction | 8W-53-2 |
| Switch-Washer Fluid Level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


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSE
2
20A
(8W-13-8)
CAN B
BUS (+)
CAN B
BUS (-)
3 C10
3 C6
11 C6
A941
18
RD
D55
20
WT/OR
D54
20
WT
33
37
34
C219
D55
20
WT/OR
D54
20
WT
S211
(8W-18-3)
S213
(8W-18-4)
SWITCH-
MULTIFUNCTION
0 OFF
1 INTERMITTENT 1
2 INTERMITTENT 2
3 INTERMITTENT 3
4 INTERMITTENT 4
5 INTERMITTENT 5
6 LOW
7 HIGH
8 WASH
(8W-40-5)
4
2
1
W52
20
BR/YL
L900
20
WT/YL
G194
20
VT/LG
A941
18
RD
D55
20
WT/OR
D54
20
WT
2 C1
18 C3
18 C3
10 C4
8 C3
1 C4
CLUSTER
(8W-40-2)
(8W-40-5)
FUSED
B(+)
CAN B
BUS (+)
CAN B
BUS (-)
INTERMITTENT
WIPER
SWITCH
SIGNAL
WIPER/
TURN/
BEAM
SELECT
SWITCH
RETURN
WASH/
BEAM
SELECT
SWITCH
SIGNAL
GROUND
13 C3
Z18
20
BK/LB
G201
(8W-15-15)

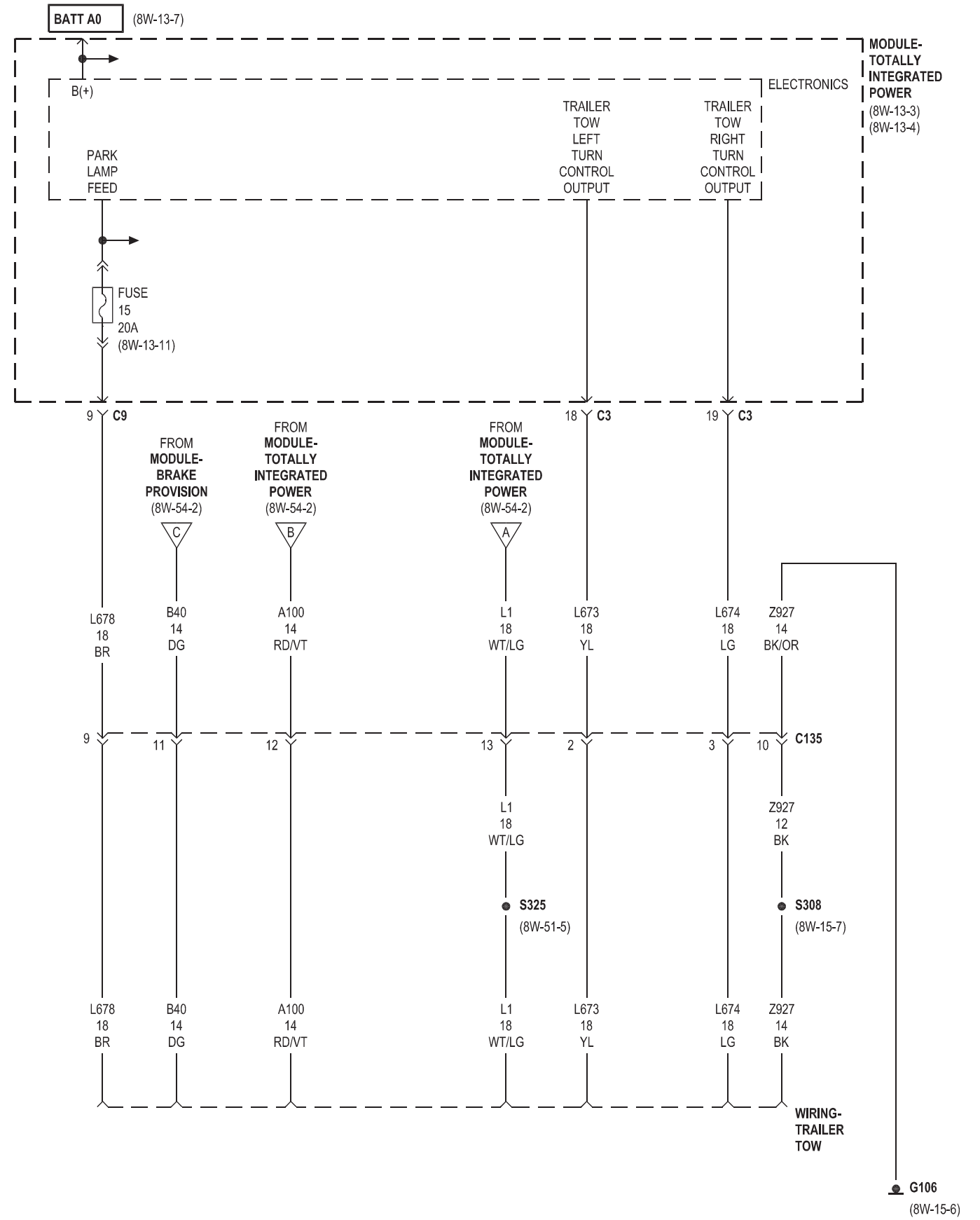

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
WASHER
FLUID
SWITCH
SENSE
WASHER
FLUID
SWITCH
RETURN
WASHER
PUMP
MOTOR
CONTROL
WIPER
PARK
SWITCH
SENSE
WIPER
MOTOR
LOW
SPEED
FEED
WIPER
MOTOR
HIGH
SPEED
FEED
9 C1
8 C1
2 C2
5 C1
12 C10
4 C9
W1
20
BR/TN
W10
20
BR
W7
20
BR/GY
W3
14
BR/WT
W4
14
BR/OR
2
SWITCH-
WASHER
FLUID
LEVEL
1
G932
20
VT/TN
2
M
PUMP-
WASHER-
WINDSHIELD
1
Z945
20
BK
D
B
A
M
MOTOR-
WINDSHIELD
WIPER
C
Z103
18
BK/WT
G106
(8W-15-5)

# 8W-54 TRAILER TOW

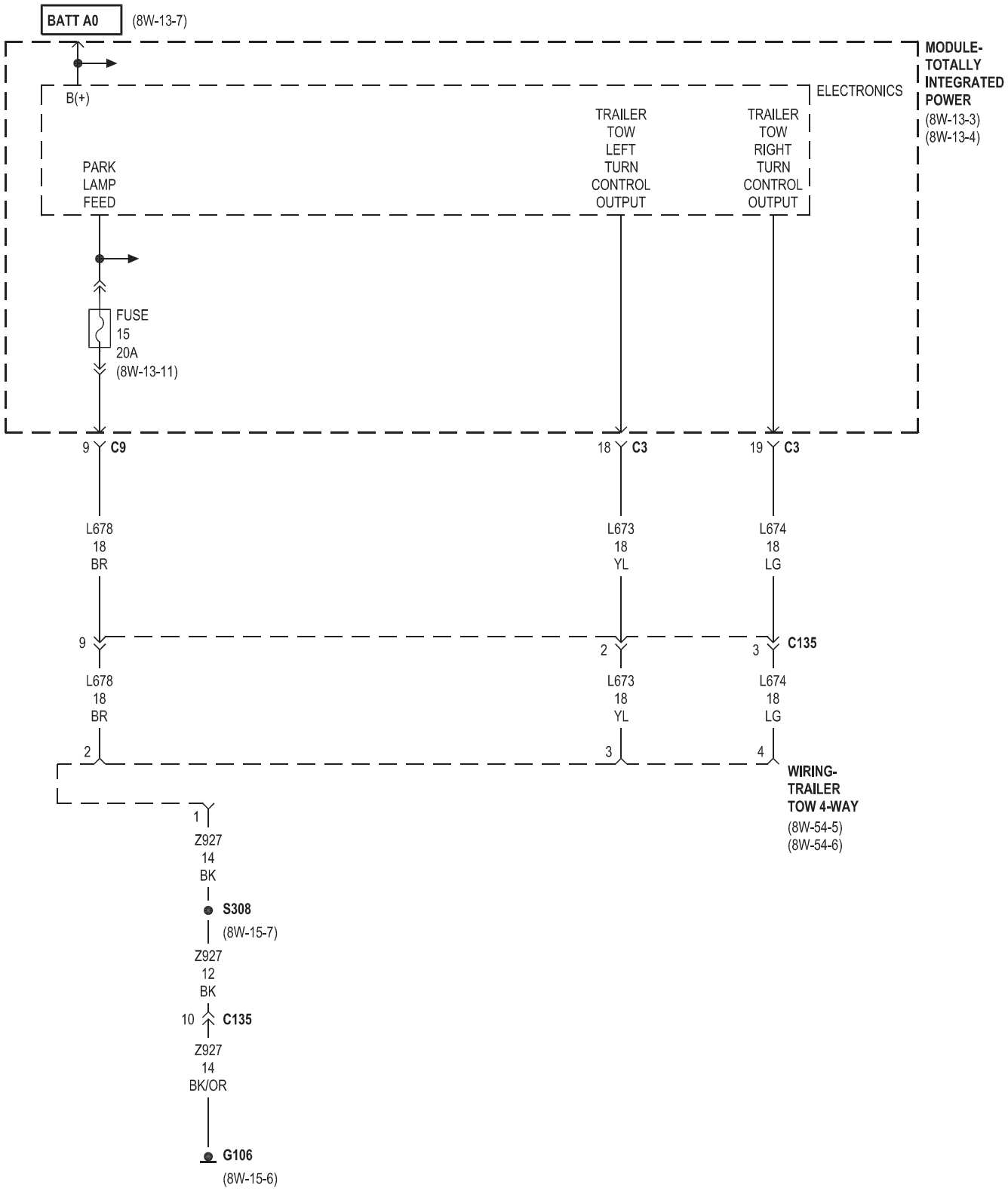

| Component | Page |
|---|---|
| Fuse 12 | 8W-54-2 |
| Fuse 15 | 8W-54-3, 4, 5 |
| Fuse 19 | 8W-54-2 |
| Fuse 26 | 8W-54-2 |
| G106 | 8W-54-2, 3, 4, 6 |
| Module-Brake Provision | 8W-54-2, 3 |
| Module-Totally Integrated Power | 8W-54-2, 3, 4, 5 |
| Switch-Stop Lamp | 8W-54-2 |
| Wiring-Trailer Tow |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


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
BACKUP
LAMP
FEED
BACKUP
LAMP
FEED
FUSE
19
30A
(8W-13-12)
FUSE
12
30A
(8W-13-11)
FUSE
26
15A
(8W-13-15)
A103
18
GY/RD
1
SWITCH-
STOP
LAMP
(8W-33-2)
2
11 C8
6 C8
22 C10
9 C8
L1
18
WT/LG
S120
(8W-13-28)
L1
18
WT/LG
A100
14
RD/VT
A400
14
TN/RD
A103
18
GY/RD
L50
18
WT/TN
S214
(8W-33-2)
L50
18
WT/TN
6
3 C219
L50
18
WT/TN
S111
(8W-33-2)
L50
18
WT/TN
EXCEPT
BOX
ADD ON
TRAILER TOW
B
TO
C135
(8W-54-3)
4
2
MODULE-
BRAKE
PROVISION
EXCEPT
BOX
ADD ON
TRAILER TOW
A
TO
C135
(8W-54-3)
3
B40
14
DG
1
Z998
18
BK
ADD ON
TRAILER TOW
EXCEPT
BOX
13
12
11 C135
C
TO
C135
(8W-54-3)
L1
18
WT/LG
S325
(8W-51-5)
L1
18
WT/LG
A100
14
RD/VT
B40
14
DG
3
4
7
WIRING-
TRAILER
TOW 7-WAY
G106
(8W-15-6)

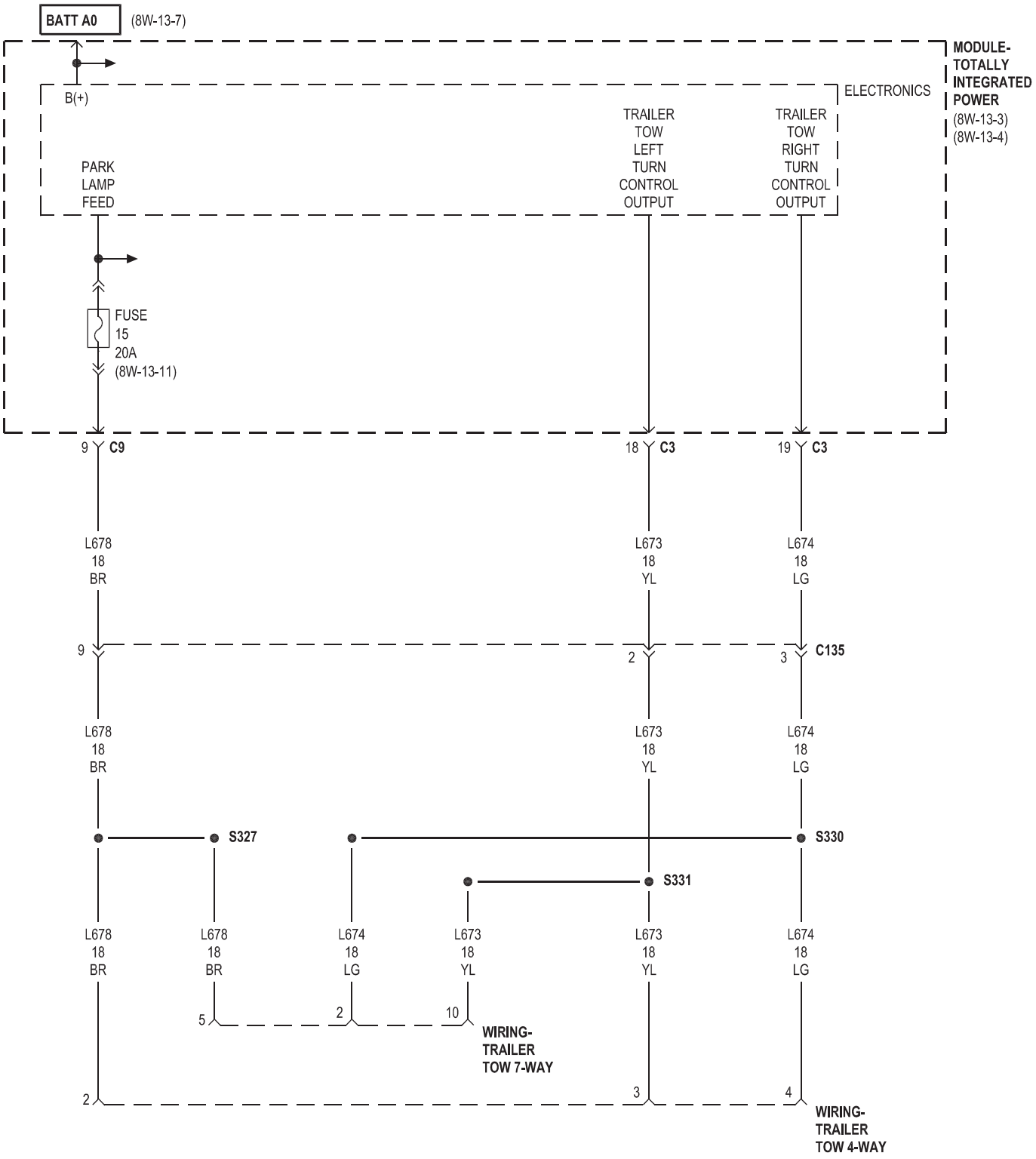
# EXCEPT BOX

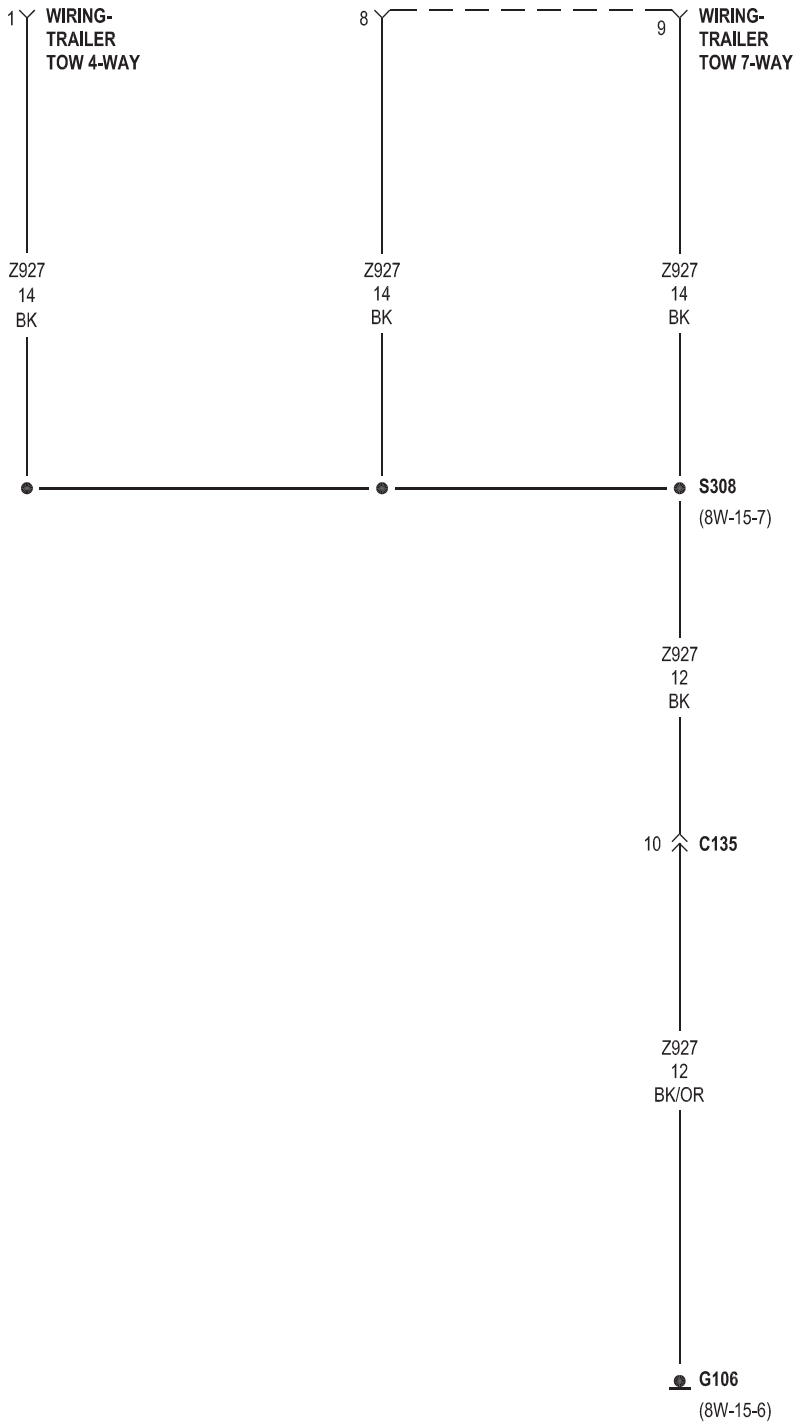

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
PARK
LAMP
FEED
TRAILER
TOW
LEFT
TURN
CONTROL
OUTPUT
TRAILER
TOW
RIGHT
TURN
CONTROL
OUTPUT
FUSE
15
20A
(8W-13-11)
9 C9
18 C3
19 C3
FROM
MODULE-
BRAKE
PROVISION
(8W-54-2)
FROM
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-54-2)
FROM
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-54-2)
C
B
A
L678
18
BR
B40
14
DG
A100
14
RD/VT
L1
18
WT/LG
L673
18
YL
L674
18
LG
Z927
14
BK/OR
9
11
12
13
2
3
10
C135
L1
18
WT/LG
Z927
12
BK
S325
(8W-51-5)
S308
(8W-15-7)
L678
18
BR
B40
14
DG
A100
14
RD/VT
L1
18
WT/LG
L673
18
YL
L674
18
LG
Z927
14
BK
WIRING-
TRAILER
TOW
G106
(8W-15-6)

## EXCEPT ADD ON TRAILER TOW



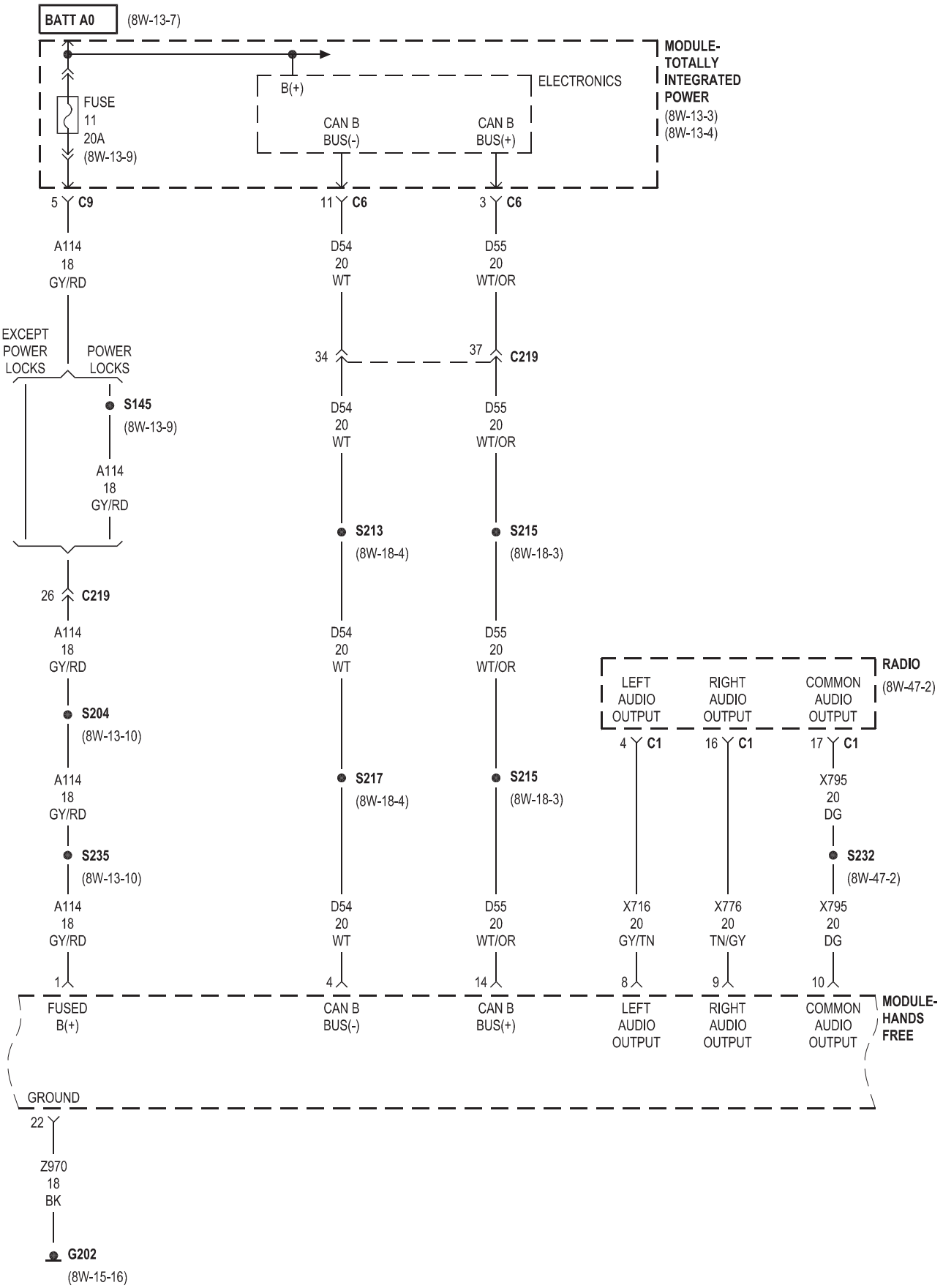
# ADD ON TRAILER TOW



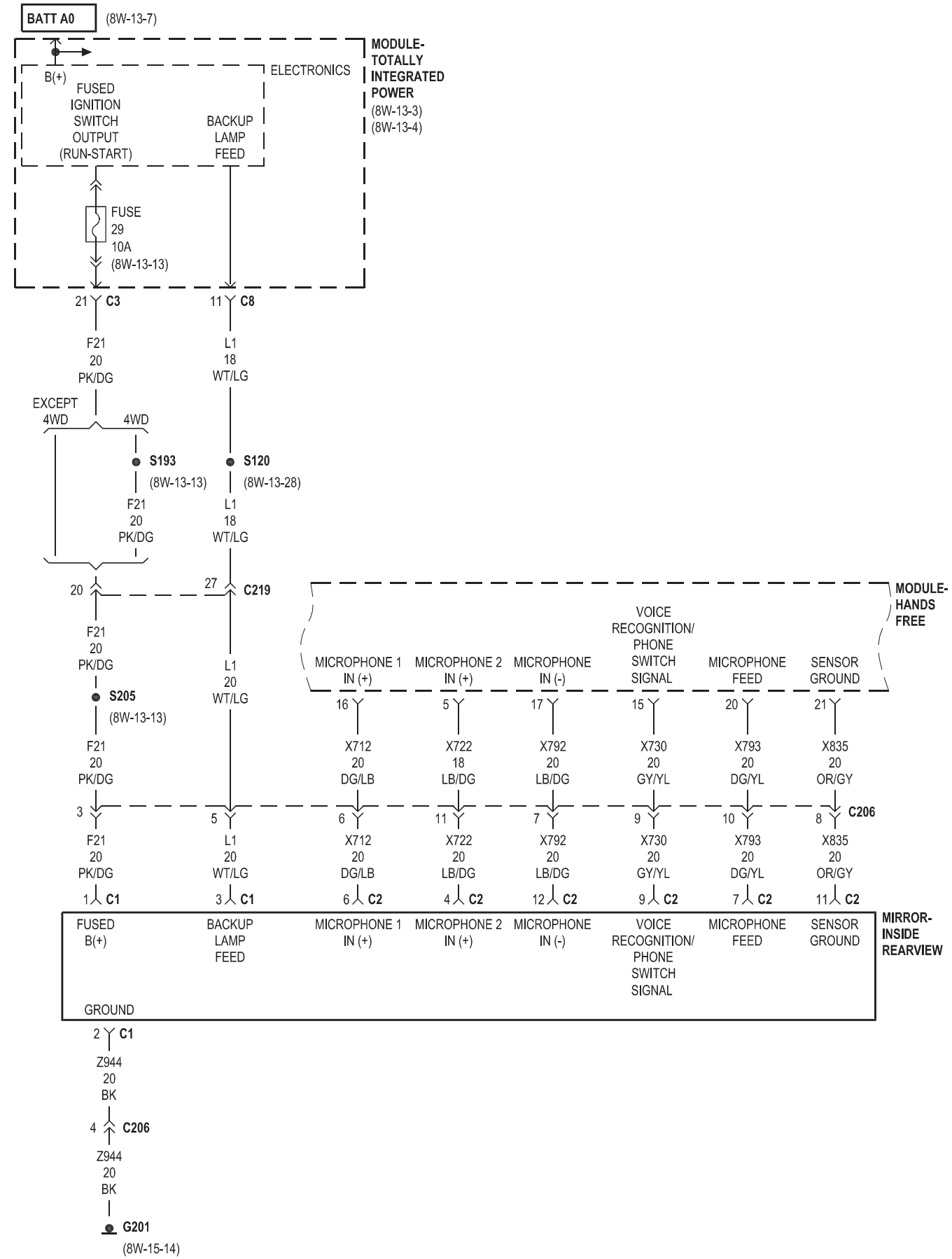

1
WIRING-
TRAILER
TOW 4-WAY
8
9
WIRING-
TRAILER
TOW 7-WAY
Z927
14
BK
Z927
14
BK
Z927
14
BK
S308
(8W-15-7)
Z927
12
BK
10
C135
Z927
12
BK/OR
G106
(8W-15-6)

# 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 |

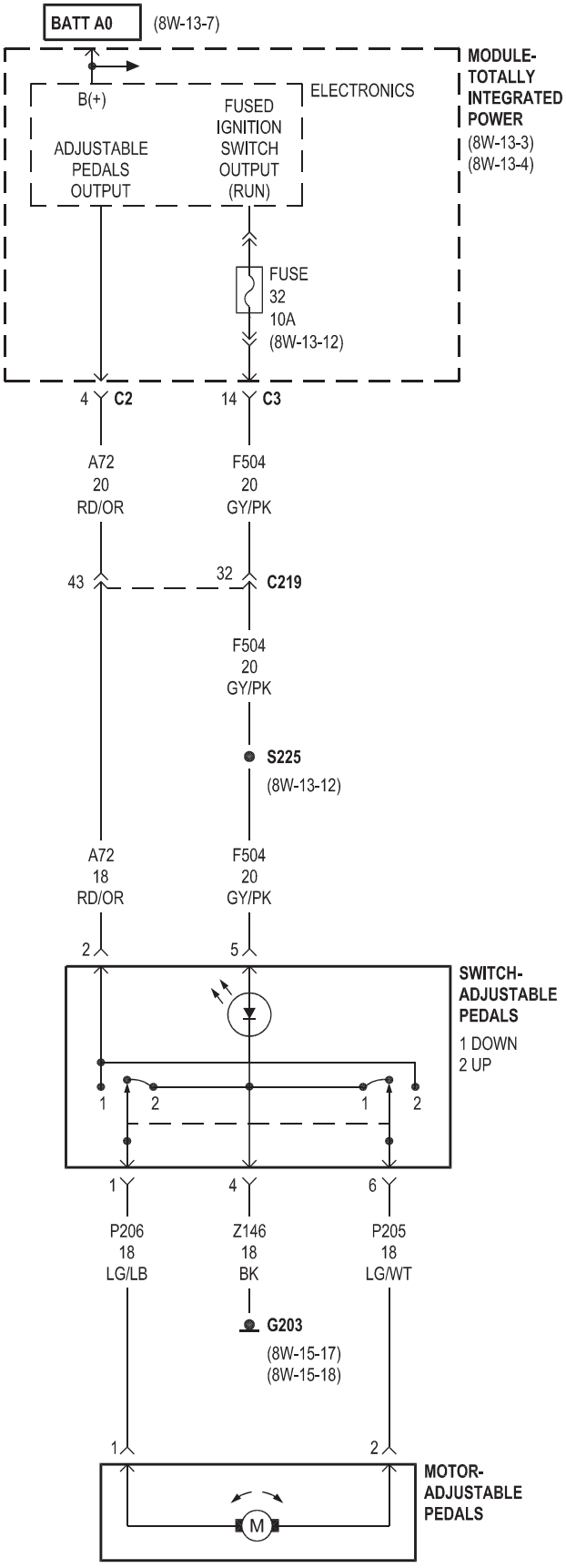

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSE
11
20A
(8W-13-9)
CAN B
BUS(-)
CAN B
BUS(+)
5 C9
11 C6
3 C6
A114
18
GY/RD
D54
20
WT
D55
20
WT/OR
EXCEPT
POWER
LOCKS
POWER
LOCKS
34
37 C219
S145
(8W-13-9)
A114
18
GY/RD
D54
20
WT
D55
20
WT/OR
S213
(8W-18-4)
S215
(8W-18-3)
26 C219
A114
18
GY/RD
D54
20
WT
D55
20
WT/OR
RADIO
(8W-47-2)
LEFT
AUDIO
OUTPUT
RIGHT
AUDIO
OUTPUT
COMMON
AUDIO
OUTPUT
4 C1
16 C1
17 C1
S204
(8W-13-10)
S217
(8W-18-4)
S215
(8W-18-3)
X795
20
DG
A114
18
GY/RD
S232
(8W-47-2)
S235
(8W-13-10)
A114
18
GY/RD
D54
20
WT
D55
20
WT/OR
X716
20
GY/TN
X776
20
TN/GY
X795
20
DG
1
4
14
8
9
10
FUSED
B(+)
CAN B
BUS(-)
CAN B
BUS(+)
LEFT
AUDIO
OUTPUT
RIGHT
AUDIO
OUTPUT
COMMON
AUDIO
OUTPUT
MODULE-
HANDS
FREE
GROUND
22
Z970
18
BK
G202
(8W-15-16)

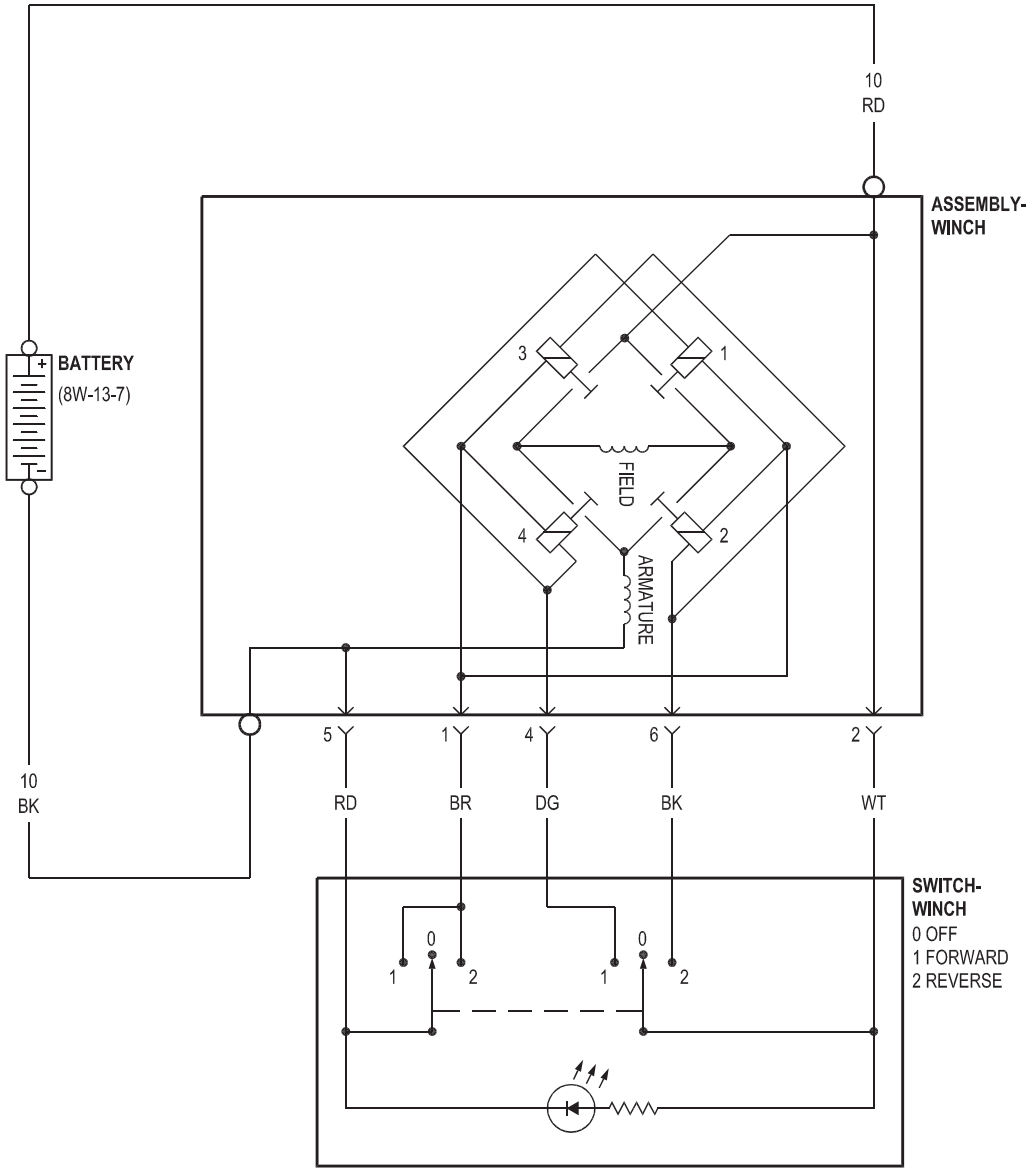
## HANDS FREE


BATT A0
(8W-13-7)
B(+)
FUSED IGNITION SWITCH OUTPUT (RUN-START)
BACKUP LAMP FEED
ELECTRONICS
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 29 10A
(8W-13-13)
21 C3
11 C8
F21 20 PK/DG
L1 18 WT/LG
EXCEPT 4WD
4WD
S193
(8W-13-13)
S120
(8W-13-28)
F21 20 PK/DG
L1 18 WT/LG
20
27 C219
F21 20 PK/DG
L1 20 WT/LG
S205
(8W-13-13)
F21 20 PK/DG
3
5
F21 20 PK/DG
L1 20 WT/LG
1 C1
3 C1
MODULE-HANDS FREE
MICROPHONE 1 IN (+)
MICROPHONE 2 IN (+)
MICROPHONE IN (-)
VOICE RECOGNITION/ PHONE SWITCH SIGNAL
MICROPHONE FEED
SENSOR GROUND
16
5
17
15
20
21
X712 20 DG/LB
X722 18 LB/DG
X792 20 LB/DG
X730 20 GY/YL
X793 20 DG/YL
X835 20 OR/GY
6
11
7
9
10
8 C206
X712 20 DG/LB
X722 20 LB/DG
X792 20 LB/DG
X730 20 GY/YL
X793 20 DG/YL
X835 20 OR/GY
6 C2
4 C2
12 C2
9 C2
7 C2
11 C2
FUSED B(+)
BACKUP LAMP FEED
MICROPHONE 1 IN (+)
MICROPHONE 2 IN (+)
MICROPHONE IN (-)
VOICE RECOGNITION/ PHONE SWITCH SIGNAL
MICROPHONE FEED
SENSOR GROUND
MIRROR-INSIDE REARVIEW
GROUND
2 C1
Z944 20 BK
4 C206
Z944 20 BK
G201
(8W-15-14)

# 8W-56 CONVENIENCE SYSTEMS

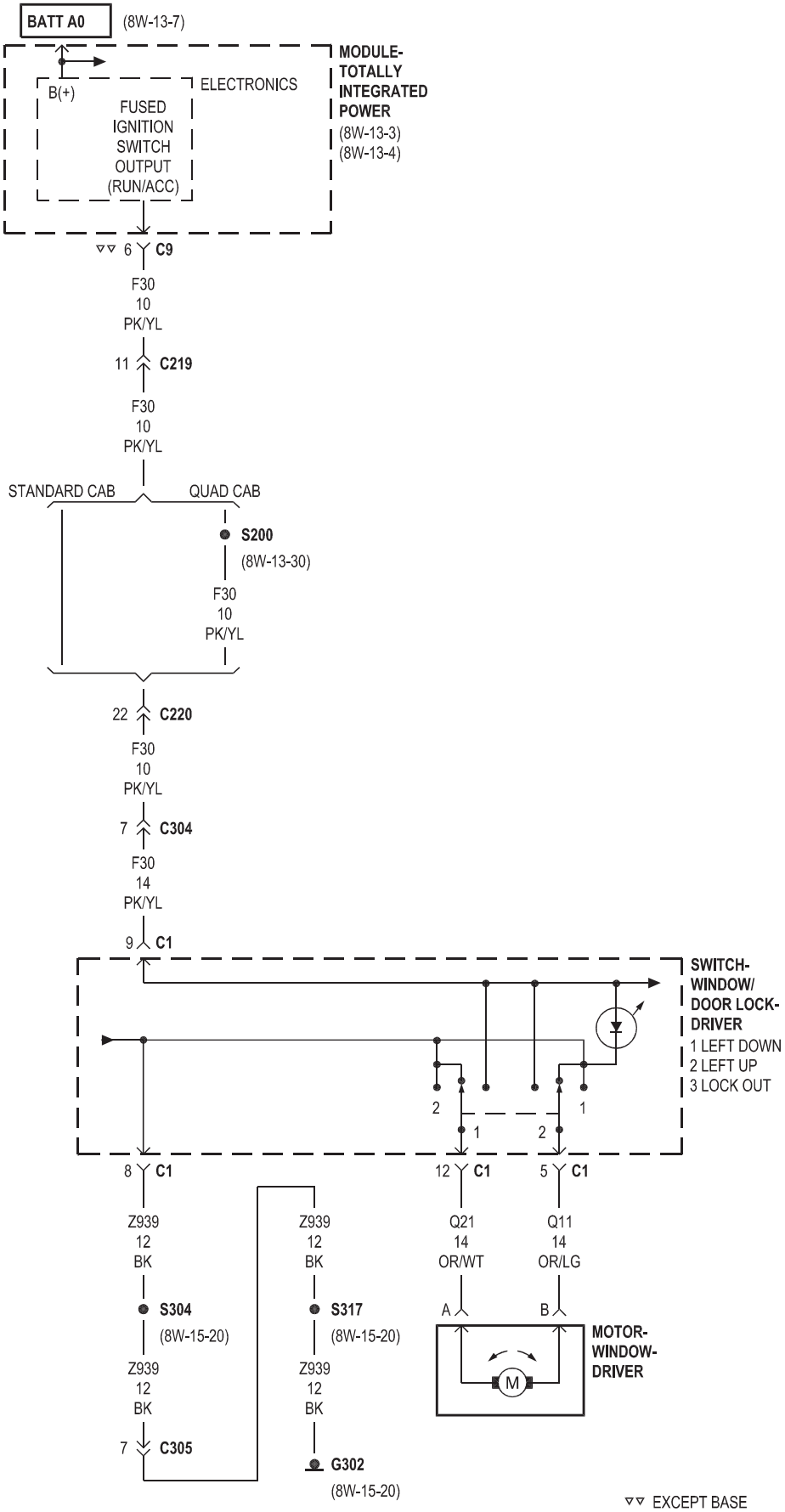

| Component | Page | Component | Page |
|---|---|---|---|
| Battery | 8W-56-3 | Module-Totally Integrated Power | 8W-56-2 |
| Electronics | 8W-56-2 | Motor-Adjustable Pedal | 8W-56-2 |
| Fuse 32 | 8W-56-2 | Switch-Adjustable Pedals | 8W-56-2 |
| G203 | 8W-56-2 | Switch-Winch | 8W-56-3 |

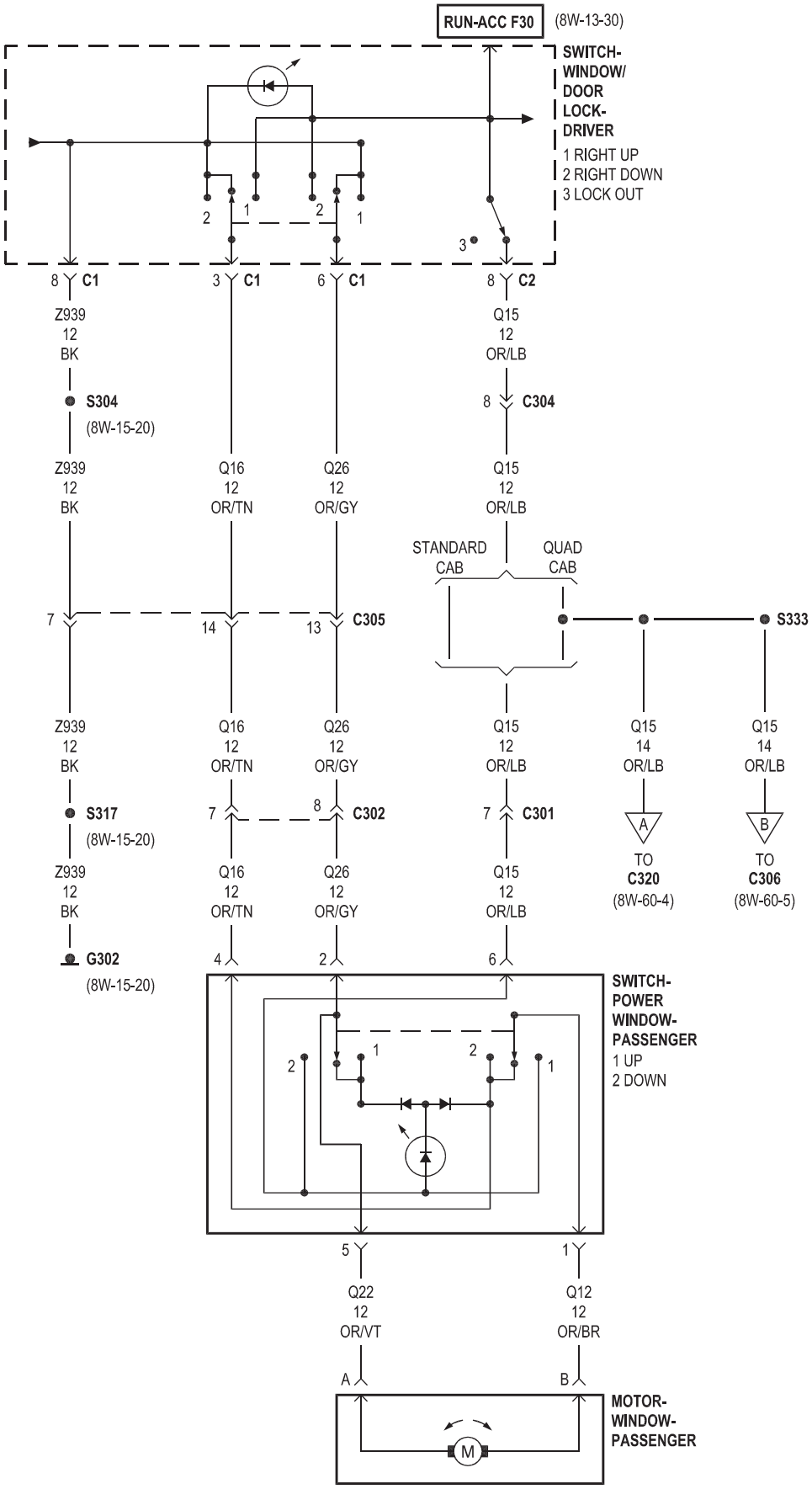

BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
ADJUSTABLE
PEDALS
OUTPUT
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
FUSE
32
10A
(8W-13-12)
4 C2
14 C3
A72
20
RD/OR
F504
20
GY/PK
43
32 C219
F504
20
GY/PK
S225
(8W-13-12)
A72
18
RD/OR
F504
20
GY/PK
2
5
SWITCH-
ADJUSTABLE
PEDALS
1 DOWN
2 UP
1
2
1
2
1
4
6
P206
18
LG/LB
Z146
18
BK
P205
18
LG/WT
G203
(8W-15-17)
(8W-15-18)
1
2
MOTOR-
ADJUSTABLE
PEDALS
M


10
RD
ASSEMBLY-
WINCH
BATTERY
(8W-13-7)
3
1
FIELD
4
2
ARMATURE
5
1
4
6
2
10
BK
RD
BR
DG
BK
WT
SWITCH-
WINCH
0 OFF
1 FORWARD
2 REVERSE
0
1
2
0
1
2

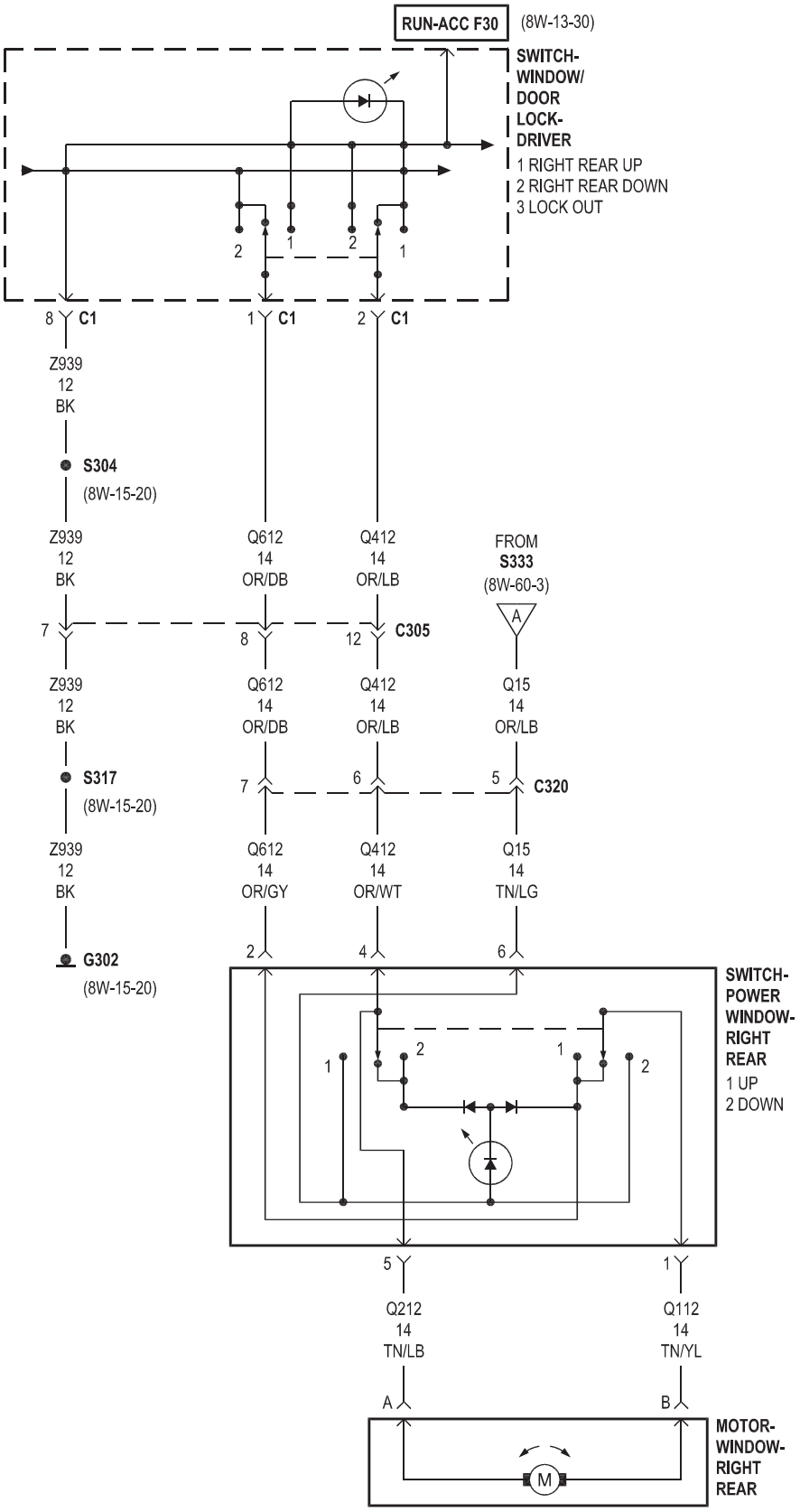
# 8W-60 POWER WINDOWS


| 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 |

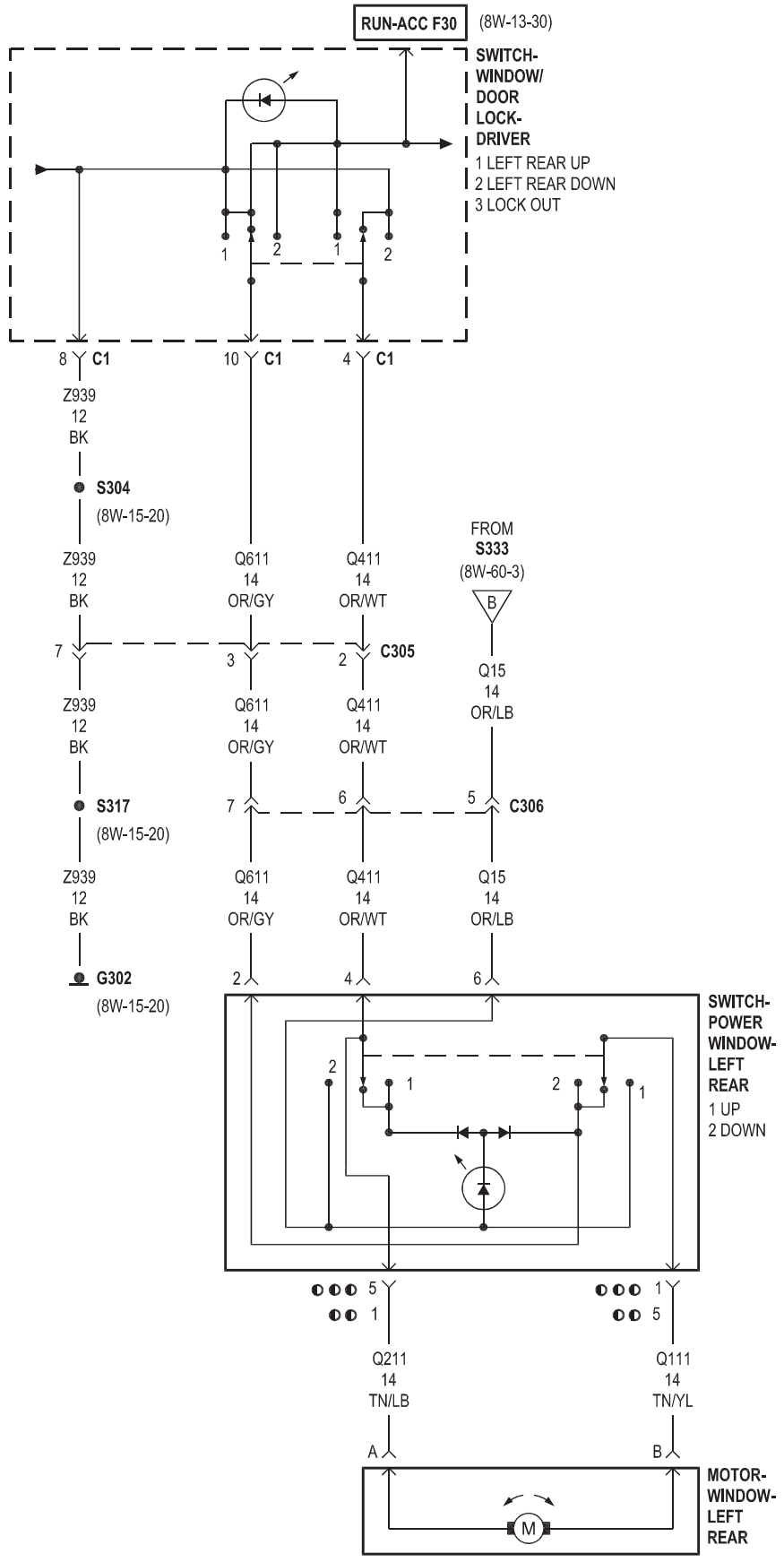

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
FUSED IGNITION SWITCH OUTPUT (RUN/ACC)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
▽▽ 6 C9
F30
10
PK/YL
11 C219
F30
10
PK/YL
STANDARD CAB
QUAD CAB
S200
(8W-13-30)
F30
10
PK/YL
22 C220
F30
10
PK/YL
7 C304
F30
14
PK/YL
9 C1
SWITCH-WINDOW/DOOR LOCK-DRIVER
1 LEFT DOWN
2 LEFT UP
3 LOCK OUT
2
1
1
2
8 C1
12 C1
5 C1
Z939
12
BK
S304
(8W-15-20)
Z939
12
BK
7 C305
Z939
12
BK
S317
(8W-15-20)
Z939
12
BK
G302
(8W-15-20)
Q21
14
OR/WT
Q11
14
OR/LG
A
B
M
MOTOR-WINDOW-DRIVER
▽▽ EXCEPT BASE


RUN-ACC F30
(8W-13-30)
SWITCH-WINDOW/DOOR LOCK-DRIVER
1 RIGHT UP
2 RIGHT DOWN
3 LOCK OUT
8 C1
3 C1
6 C1
8 C2
Z939 12 BK
Q15 12 OR/LB
S304
(8W-15-20)
8 C304
Q16 12 OR/TN
Q26 12 OR/GY
STANDARD CAB
QUAD CAB
7
14
13 C305
S333
Q15 14 OR/LB
S317
(8W-15-20)
7 C302
7 C301
TO C320
(8W-60-4)
TO C306
(8W-60-5)
G302
(8W-15-20)
4
2
6
SWITCH-POWER WINDOW-PASSENGER
1 UP
2 DOWN
5
1
Q22 12 OR/VT
Q12 12 OR/BR
A
B
MOTOR-WINDOW-PASSENGER
M

## QUAD CAB


RUN-ACC F30
(8W-13-30)
SWITCH-
WINDOW/
DOOR
LOCK-
DRIVER
1 RIGHT REAR UP
2 RIGHT REAR DOWN
3 LOCK OUT
8 C1
1 C1
2 C1
Z939
12
BK
S304
(8W-15-20)
Q612
14
OR/DB
Q412
14
OR/LB
FROM
S333
(8W-60-3)
A
C305
Q15
14
OR/LB
S317
C320
Q612
14
OR/GY
Q412
14
OR/WT
Q15
14
TN/LG
G302
SWITCH-
POWER
WINDOW-
RIGHT
REAR
1 UP
2 DOWN
Q212
14
TN/LB
Q112
14
TN/YL
MOTOR-
WINDOW-
RIGHT
REAR
M

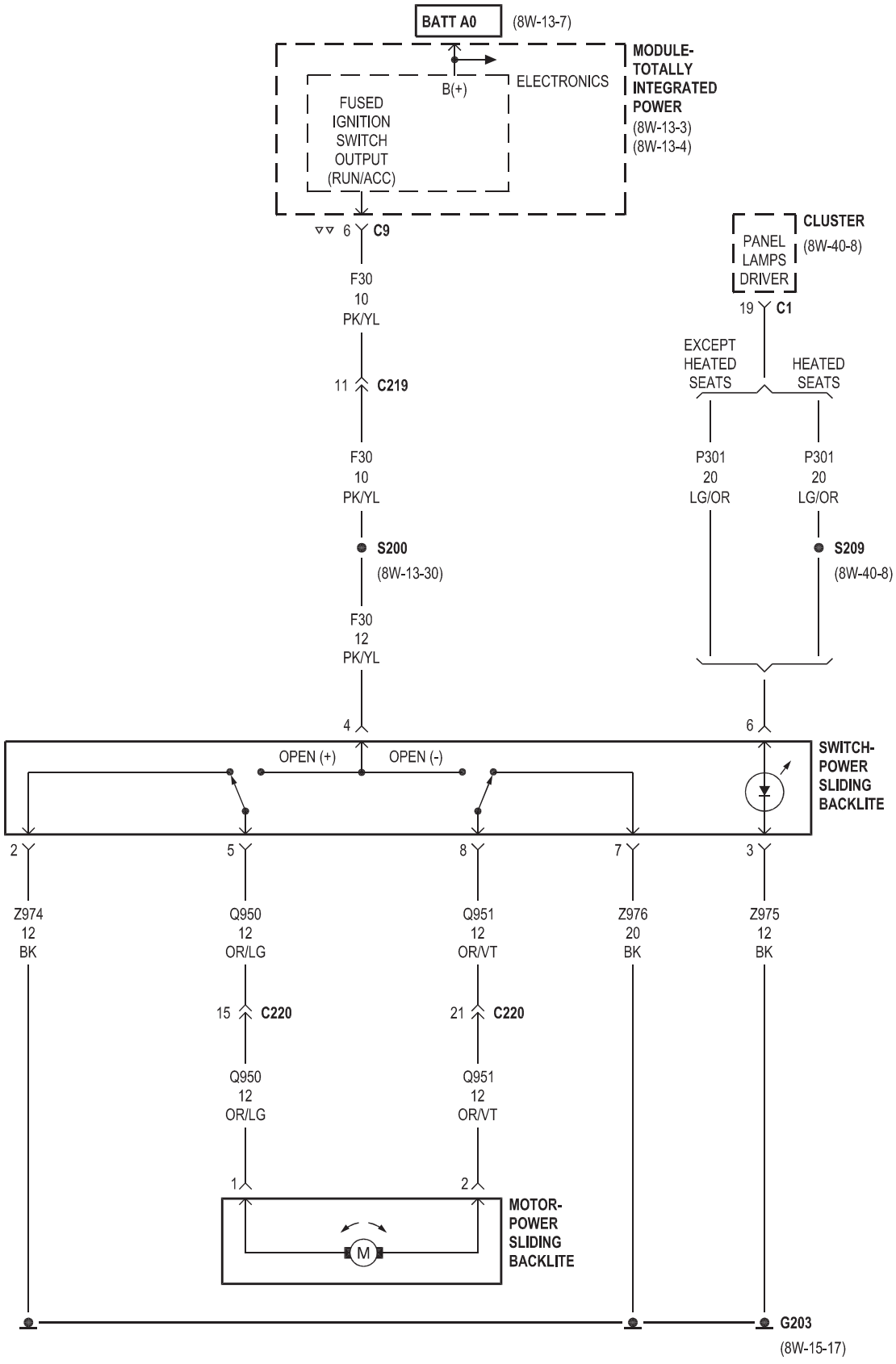
## QUAD CAB




◐◐ MEGA CAB

◐◐◐ EXCEPT MEGA CAB

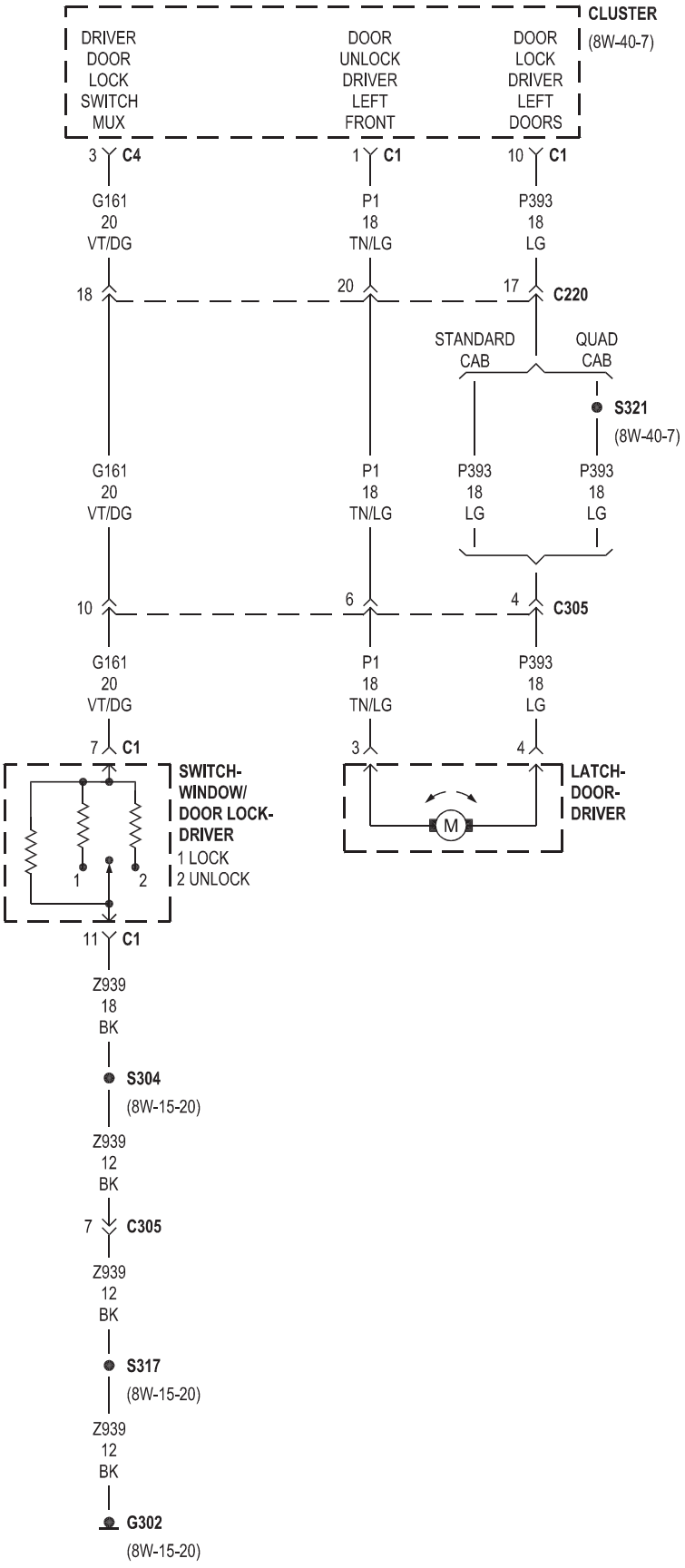
## POWER SLIDING BACKLITE

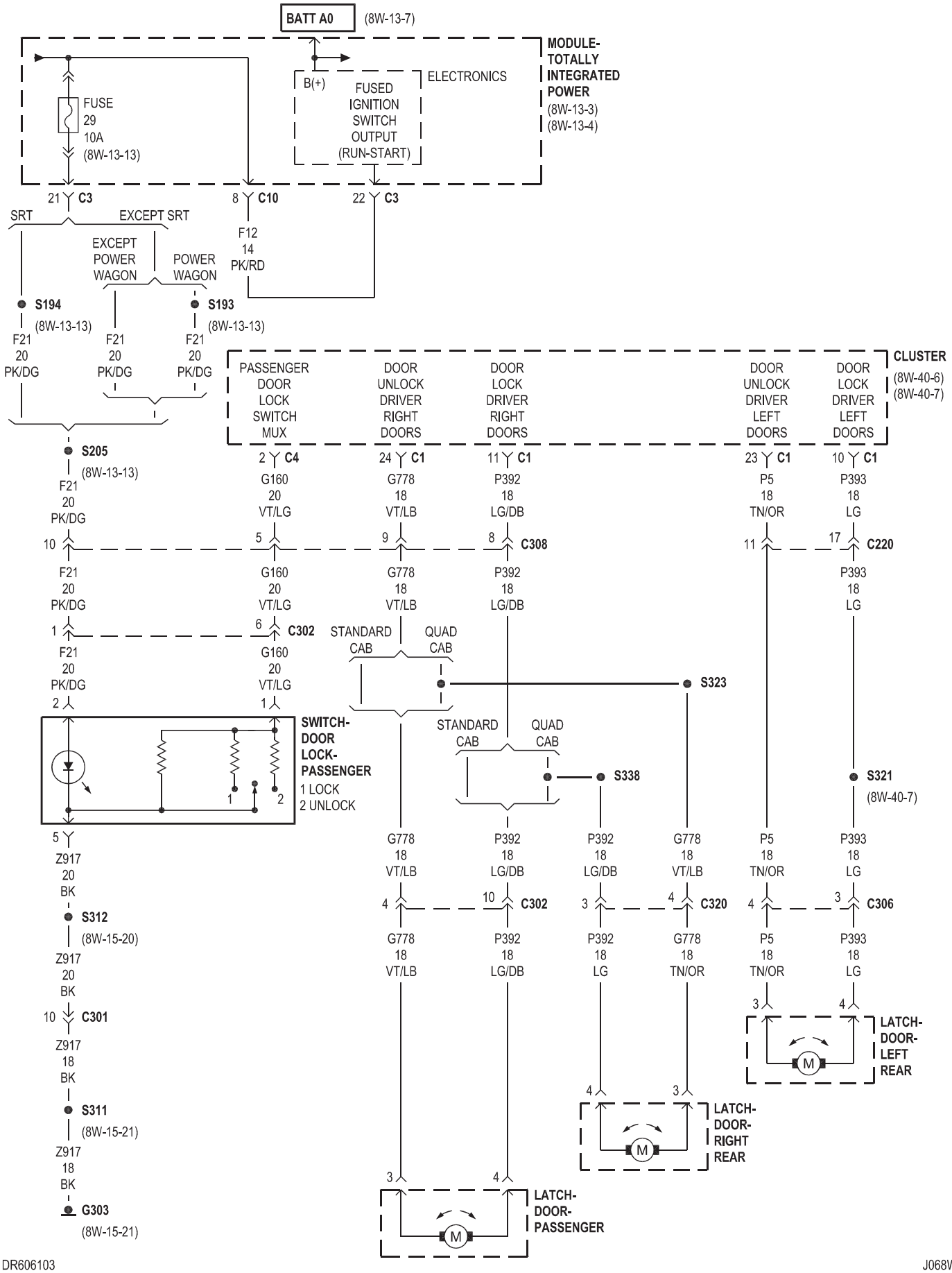



▽▽ EXCEPT BASE

# 8W-61 POWER DOOR LOCKS

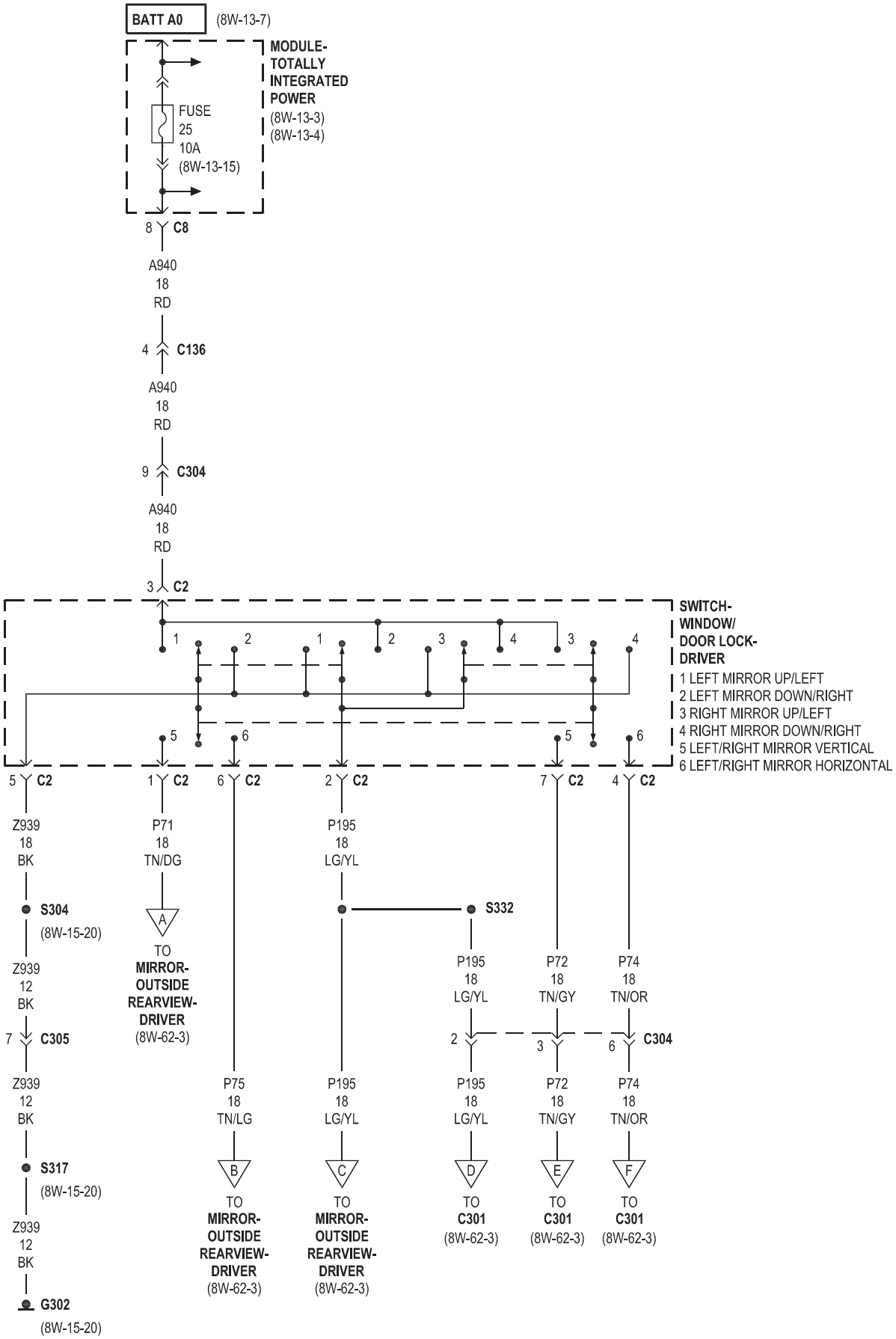

| Component | Page |
|---|---|
| Electronics | 8W-61-3 |
| Fuse 29 | 8W-61-3 |
| G302 | 8W-61-2 |
| G303 | 8W-61-3 |
| Latch-Door-Driver | 8W-61-2 |
| Latch-Door-Left Rear | 8W-61-3 |
| Latch-Door-Passenger | 8W-61-3 |
| Latch-Door-Right Rear | 8W-61-3 |
| Module-Totally Integrated Power | 8W-61-3 |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

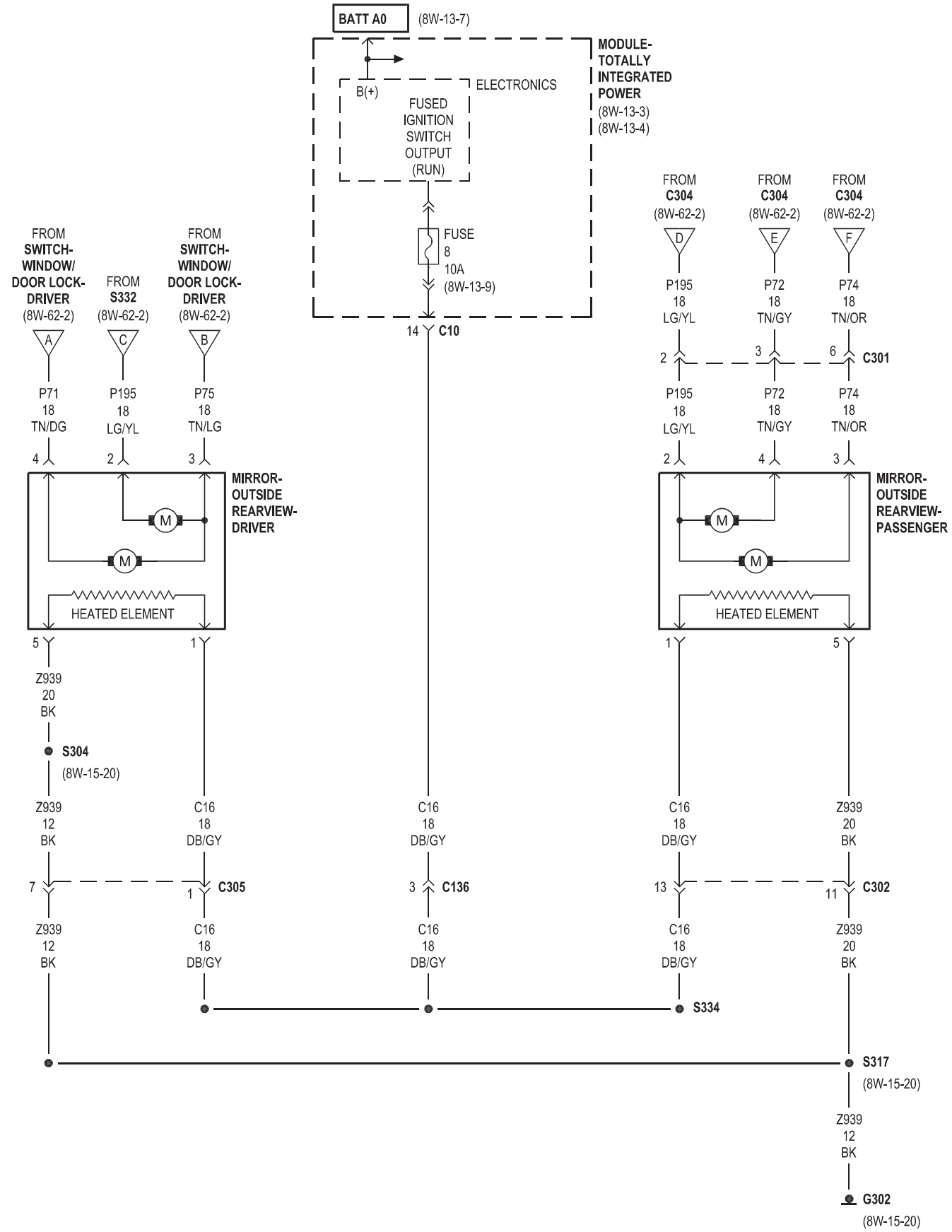

CLUSTER
(8W-40-7)
DRIVER DOOR LOCK SWITCH MUX
DOOR UNLOCK DRIVER LEFT FRONT
DOOR LOCK DRIVER LEFT DOORS
3 C4
1 C1
10 C1
G161 20 VT/DG
P1 18 TN/LG
P393 18 LG
18
20
17 C220
STANDARD CAB
QUAD CAB
S321
(8W-40-7)
G161 20 VT/DG
P1 18 TN/LG
P393 18 LG
P393 18 LG
10
6
4 C305
G161 20 VT/DG
P1 18 TN/LG
P393 18 LG
7 C1
3
4
SWITCH-WINDOW/ DOOR LOCK-DRIVER
1 LOCK
2 UNLOCK
LATCH-DOOR-DRIVER
M
1
2
11 C1
Z939 18 BK
S304
(8W-15-20)
Z939 12 BK
7 C305
Z939 12 BK
S317
(8W-15-20)
Z939 12 BK
G302
(8W-15-20)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED
IGNITION
SWITCH
OUTPUT
(RUN-START)
FUSE
29
10A
(8W-13-13)
21 C3
8 C10
22 C3
SRT
EXCEPT SRT
EXCEPT
POWER
WAGON
POWER
WAGON
F12
14
PK/RD
S194
(8W-13-13)
S193
(8W-13-13)
F21
20
PK/DG
CLUSTER
(8W-40-6)
(8W-40-7)
PASSENGER
DOOR
LOCK
SWITCH
MUX
DOOR
UNLOCK
DRIVER
RIGHT
DOORS
DOOR
LOCK
DRIVER
RIGHT
DOORS
DOOR
UNLOCK
DRIVER
LEFT
DOORS
DOOR
LOCK
DRIVER
LEFT
DOORS
S205
(8W-13-13)
2 C4
24 C1
11 C1
23 C1
10 C1
G160
20
VT/LG
G778
18
VT/LB
P392
18
LG/DB
P5
18
TN/OR
P393
18
LG
10
5
9
8 C308
11
17 C220
1
6 C302
STANDARD
CAB
QUAD
CAB
S323
2
1
SWITCH-
DOOR
LOCK-
PASSENGER
1 LOCK
2 UNLOCK
STANDARD
CAB
QUAD
CAB
S338
S321
(8W-40-7)
5
Z917
20
BK
4
10 C302
3
4 C320
4
3 C306
S312
(8W-15-20)
10 C301
Z917
18
BK
S311
(8W-15-21)
G303
(8W-15-21)
LATCH-
DOOR-
LEFT
REAR
LATCH-
DOOR-
RIGHT
REAR
LATCH-
DOOR-
PASSENGER
M

# 8W-62 POWER MIRRORS

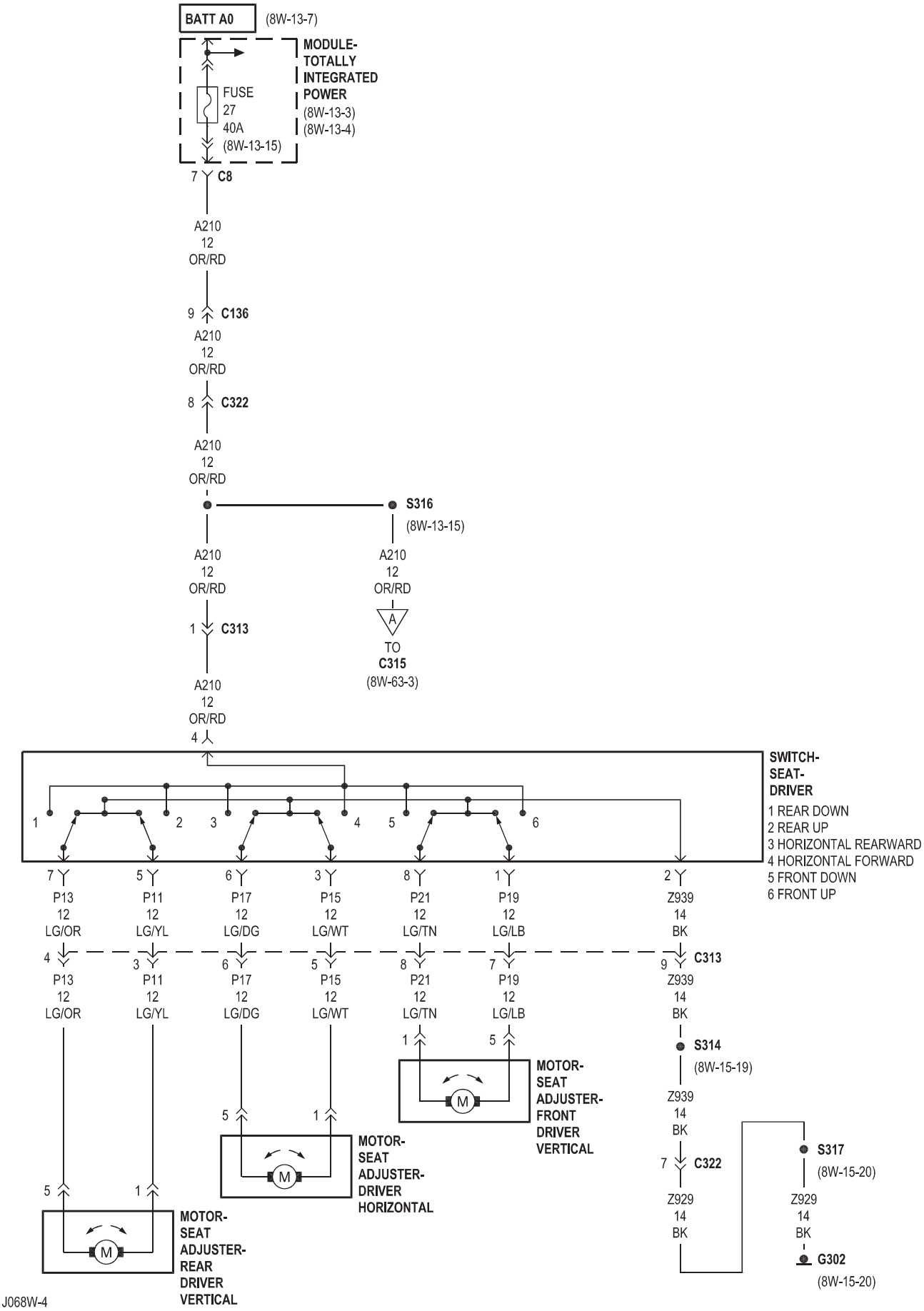

| Component | Page |
|---|---|
| Fuse 25 | 8W-62-2 |
| Fuse 8 | 8W-62-3 |
| G302 | 8W-62-2, 3 |
| Mirror-Outside Rearview-Driver | 8W-62-2, 3 |
| Mirror-Outside Rearview-Passenger | 8W-62-3 |
| Module-Totally Integrated Power | 8W-62-2, 3 |
| Switch-Window/Door Lock-Driver | 8W-62-2, 3 |


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
FUSE
25
10A
(8W-13-15)
8 C8
A940
18
RD
4 C136
A940
18
RD
9 C304
A940
18
RD
3 C2
SWITCH-
WINDOW/
DOOR LOCK-
DRIVER
1 LEFT MIRROR UP/LEFT
2 LEFT MIRROR DOWN/RIGHT
3 RIGHT MIRROR UP/LEFT
4 RIGHT MIRROR DOWN/RIGHT
5 LEFT/RIGHT MIRROR VERTICAL
6 LEFT/RIGHT MIRROR HORIZONTAL
5 C2
Z939
18
BK
S304
(8W-15-20)
Z939
12
BK
7 C305
Z939
12
BK
S317
(8W-15-20)
Z939
12
BK
G302
(8W-15-20)
1 C2
P71
18
TN/DG
A
TO
MIRROR-
OUTSIDE
REARVIEW-
DRIVER
(8W-62-3)
6 C2
P75
18
TN/LG
B
TO
MIRROR-
OUTSIDE
REARVIEW-
DRIVER
(8W-62-3)
2 C2
P195
18
LG/YL
S332
C
TO
MIRROR-
OUTSIDE
REARVIEW-
DRIVER
(8W-62-3)
P195
18
LG/YL
2 C304
P195
18
LG/YL
D
TO
C301
(8W-62-3)
7 C2
P72
18
TN/GY
3 C304
P72
18
TN/GY
E
TO
C301
(8W-62-3)
4 C2
P74
18
TN/OR
6 C304
P74
18
TN/OR
F
TO
C301
(8W-62-3)


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
B(+)
ELECTRONICS
FUSED
IGNITION
SWITCH
OUTPUT
(RUN)
FUSE
8
10A
(8W-13-9)
14 C10
FROM
SWITCH-
WINDOW/
DOOR LOCK-
DRIVER
(8W-62-2)
FROM
S332
(8W-62-2)
FROM
SWITCH-
WINDOW/
DOOR LOCK-
DRIVER
(8W-62-2)
A
C
B
P71
18
TN/DG
P195
18
LG/YL
P75
18
TN/LG
4
2
3
MIRROR-
OUTSIDE
REARVIEW-
DRIVER
M
M
HEATED ELEMENT
5
1
Z939
20
BK
S304
(8W-15-20)
Z939
12
BK
C16
18
DB/GY
7
1
C305
Z939
12
BK
C16
18
DB/GY
FROM
C304
(8W-62-2)
FROM
C304
(8W-62-2)
FROM
C304
(8W-62-2)
D
E
F
P195
18
LG/YL
P72
18
TN/GY
P74
18
TN/OR
2
3
6
C301
P195
18
LG/YL
P72
18
TN/GY
P74
18
TN/OR
2
4
3
MIRROR-
OUTSIDE
REARVIEW-
PASSENGER
M
M
HEATED ELEMENT
1
5
C16
18
DB/GY
3
C136
C16
18
DB/GY
C16
18
DB/GY
13
11
C302
Z939
20
BK
C16
18
DB/GY
C16
18
DB/GY
S334
Z939
20
BK
S317
(8W-15-20)
Z939
12
BK
G302
(8W-15-20)

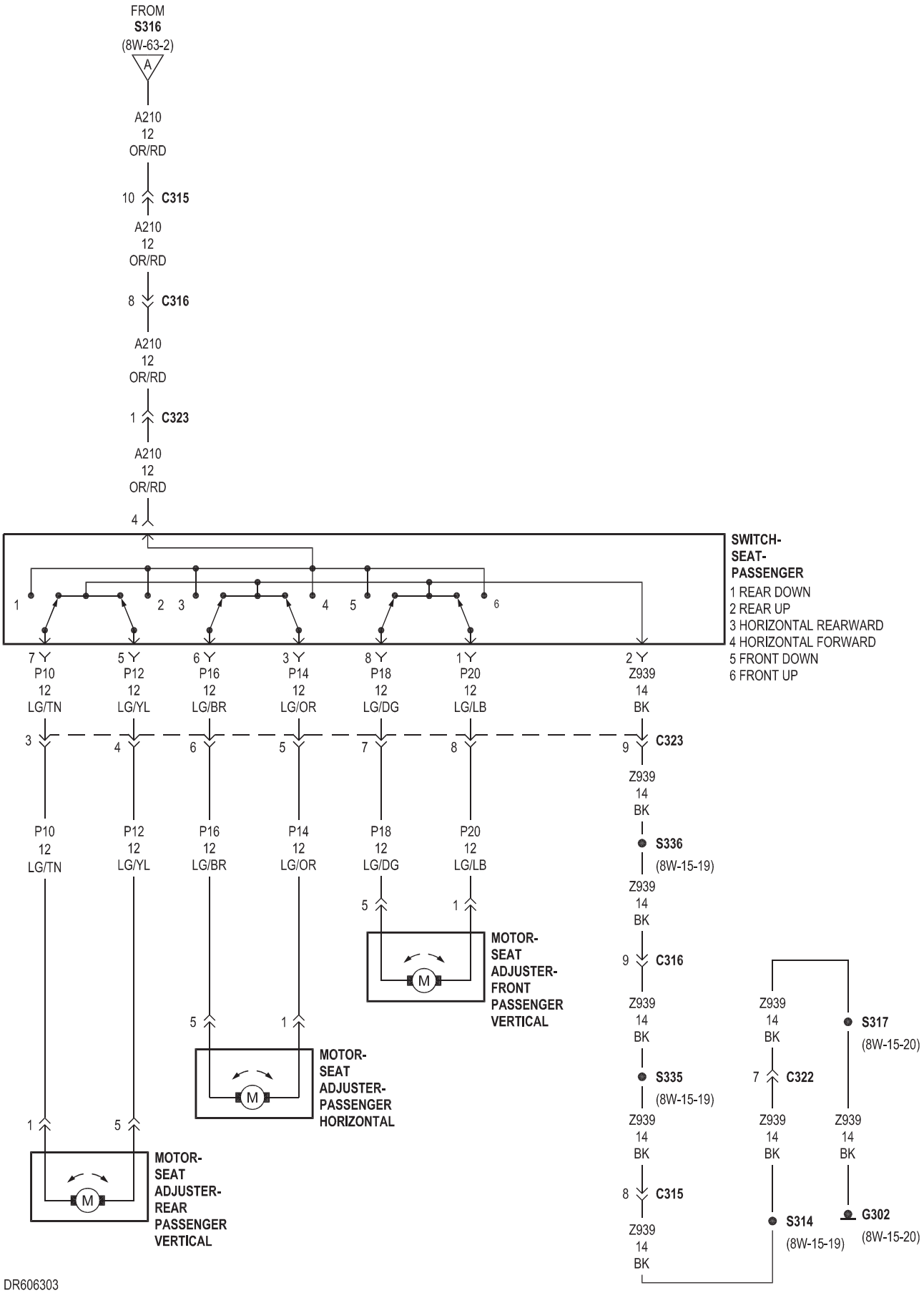
# 8W-63 POWER SEATS

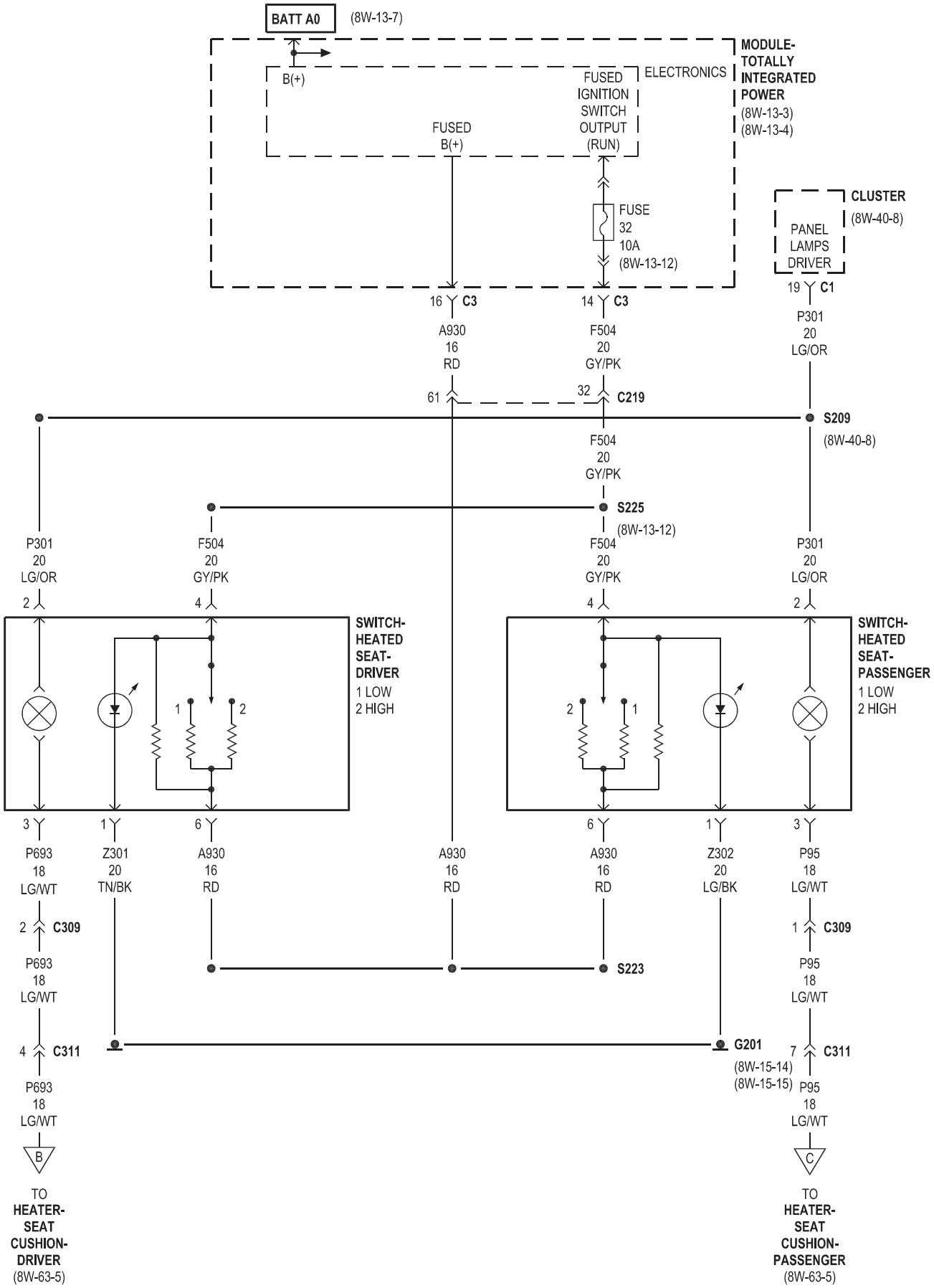

| Component | Page |
|---|---|
| Electronics | 8W-63-4 |
| Fuse 27 | 8W-63-2 |
| Fuse 32 | 8W-63-4 |
| G201 | 8W-63-4 |
| G302 | 8W-63-2, 3, 5 |
| Heater-Seat Back-Driver | 8W-63-5 |
| Heater-Seat Back-Passenger | 8W-63-5 |
| Heater-Seat Cushion-Driver | 8W-63-4, 5 |
| Heater-Seat Cushion-Passenger | 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 |



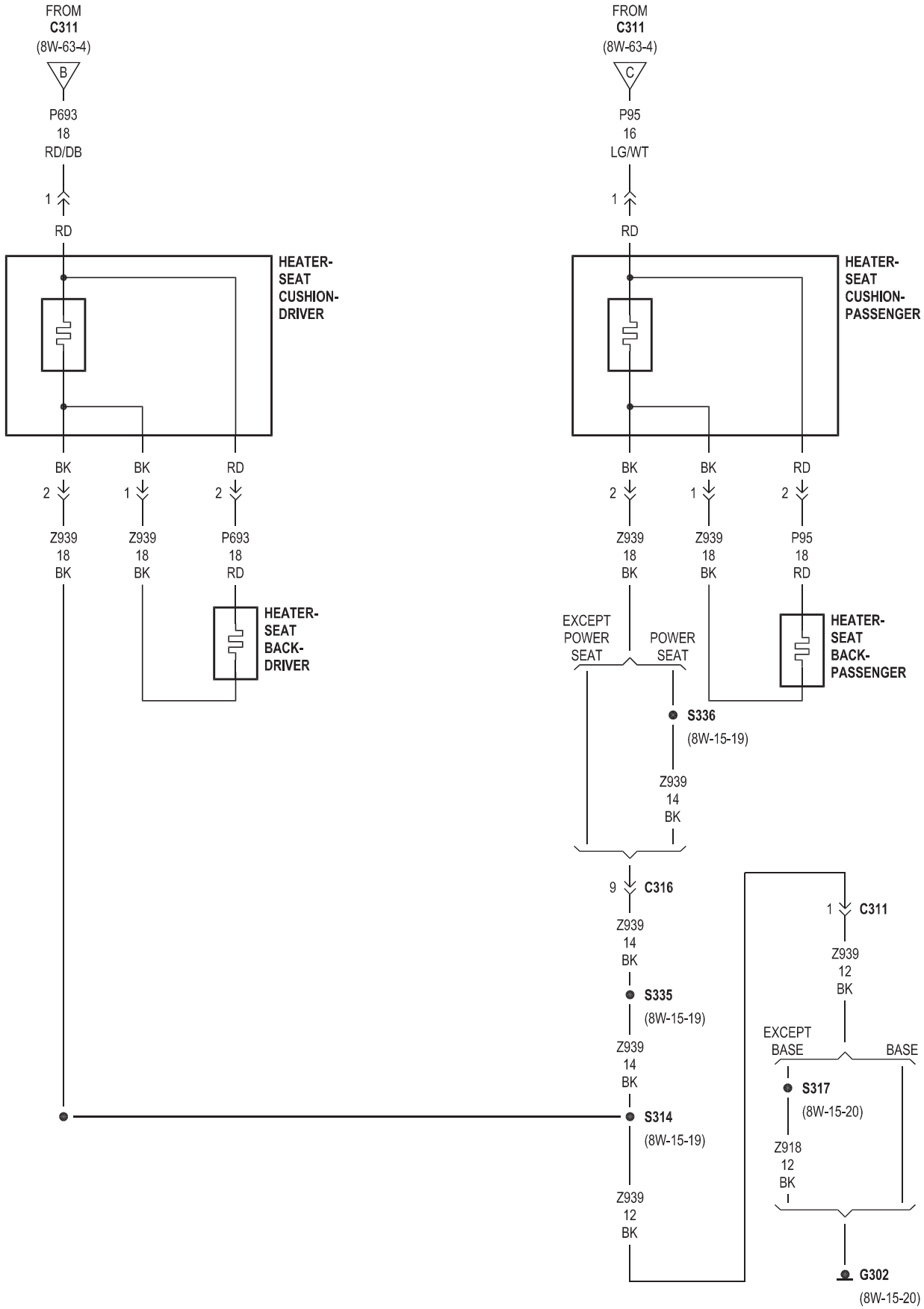

J068W-4

DR606302


FROM
S316
(8W-63-2)
A
A210
12
OR/RD
10 C315
A210
12
OR/RD
8 C316
A210
12
OR/RD
1 C323
A210
12
OR/RD
4
SWITCH-
SEAT-
PASSENGER
1 REAR DOWN
2 REAR UP
3 HORIZONTAL REARWARD
4 HORIZONTAL FORWARD
5 FRONT DOWN
6 FRONT UP
7 P10 12 LG/TN
5 P12 12 LG/YL
6 P16 12 LG/BR
3 P14 12 LG/OR
8 P18 12 LG/DG
1 P20 12 LG/LB
2 Z939 14 BK
C323
P10 12 LG/TN
P12 12 LG/YL
P16 12 LG/BR
P14 12 LG/OR
P18 12 LG/DG
P20 12 LG/LB
MOTOR-
SEAT
ADJUSTER-
FRONT
PASSENGER
VERTICAL
MOTOR-
SEAT
ADJUSTER-
PASSENGER
HORIZONTAL
MOTOR-
SEAT
ADJUSTER-
REAR
PASSENGER
VERTICAL
Z939 14 BK
S336
(8W-15-19)
C316
S335
(8W-15-19)
C315
S314
(8W-15-19)
S317
(8W-15-20)
C322
G302
(8W-15-20)

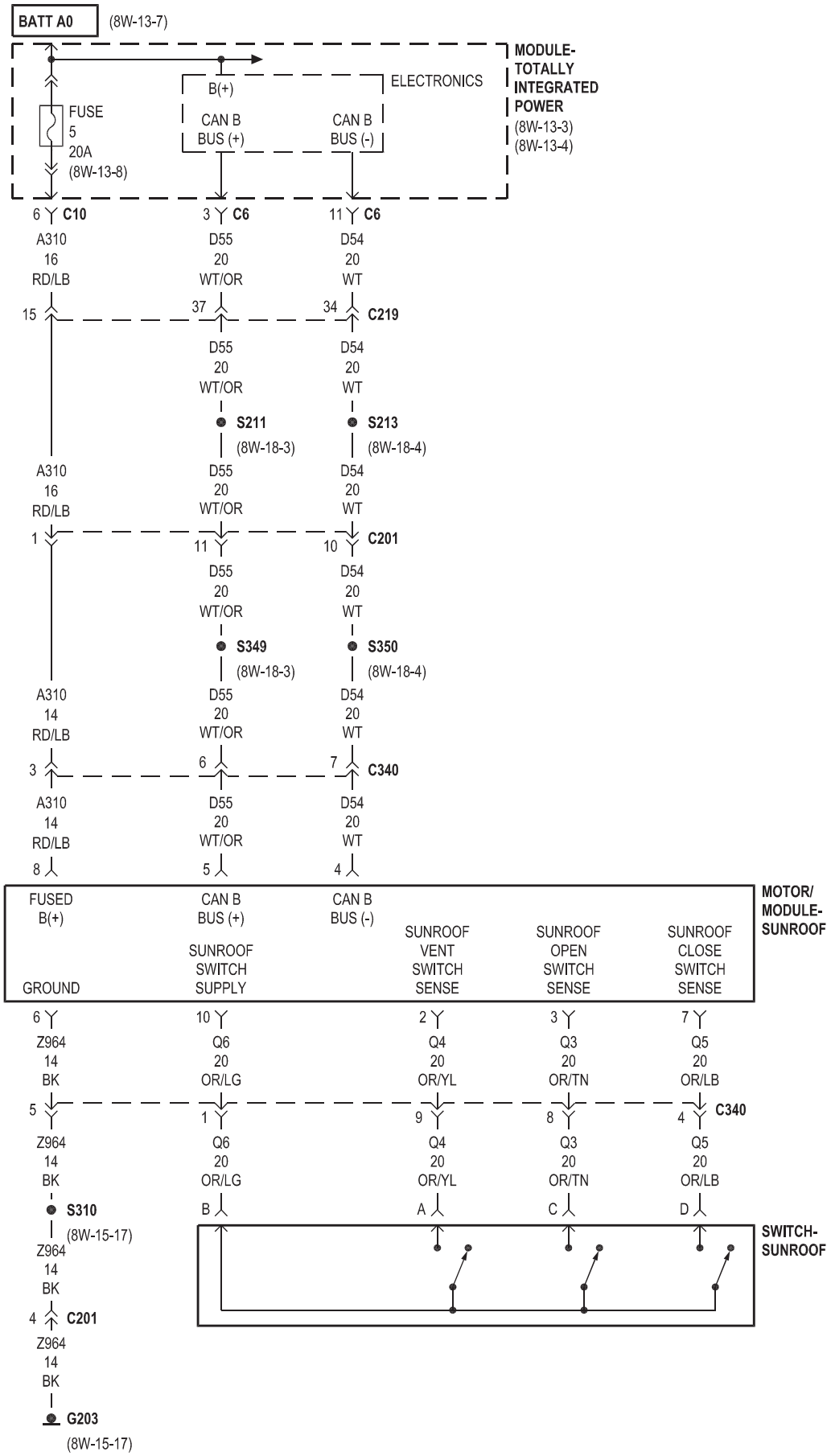

BATT A0
(8W-13-7)
B(+)
ELECTRONICS
FUSED IGNITION SWITCH OUTPUT (RUN)
FUSED B(+)
MODULE-TOTALLY INTEGRATED POWER
(8W-13-3)
(8W-13-4)
FUSE 32 10A
(8W-13-12)
CLUSTER
(8W-40-8)
PANEL LAMPS DRIVER
19 C1
P301 20 LG/OR
16 C3
A930 16 RD
14 C3
F504 20 GY/PK
61
32 C219
S209
(8W-40-8)
F504 20 GY/PK
S225
(8W-13-12)
P301 20 LG/OR
F504 20 GY/PK
F504 20 GY/PK
P301 20 LG/OR
2
4
4
2
SWITCH-HEATED SEAT-DRIVER
1 LOW
2 HIGH
SWITCH-HEATED SEAT-PASSENGER
1 LOW
2 HIGH
1
2
2
1
3
1
6
6
1
3
P693 18 LG/WT
Z301 20 TN/BK
A930 16 RD
A930 16 RD
A930 16 RD
Z302 20 LG/BK
P95 18 LG/WT
2 C309
P693 18 LG/WT
S223
1 C309
P95 18 LG/WT
4 C311
P693 18 LG/WT
G201
(8W-15-14)
(8W-15-15)
7 C311
P95 18 LG/WT
B
C
TO HEATER-SEAT CUSHION-DRIVER
(8W-63-5)
TO HEATER-SEAT CUSHION-PASSENGER
(8W-63-5)

## HEATED SEATS



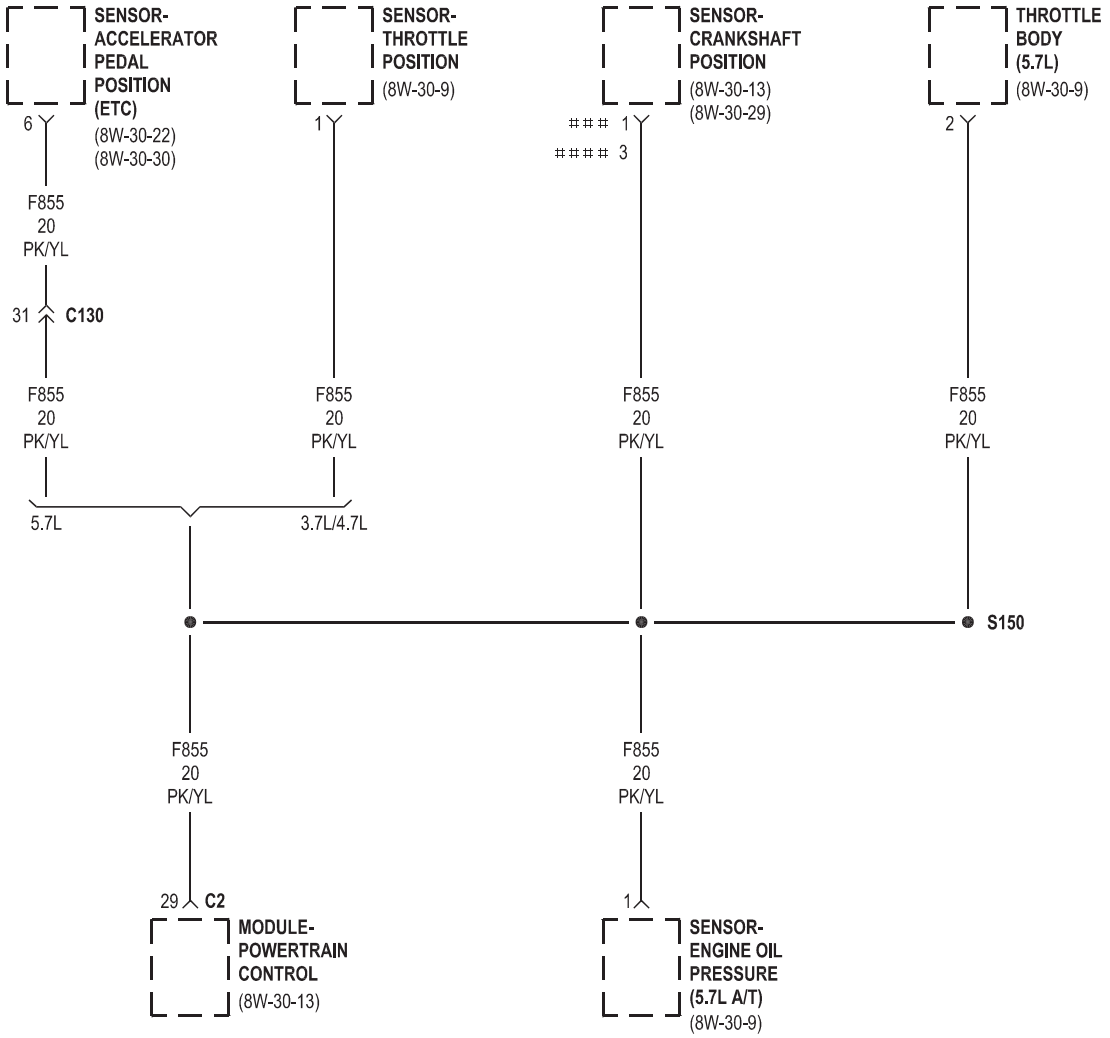
# 8W-64 POWER SUNROOF


| 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 |


BATT A0
(8W-13-7)
MODULE-
TOTALLY
INTEGRATED
POWER
(8W-13-3)
(8W-13-4)
ELECTRONICS
B(+)
CAN B
BUS (+)
CAN B
BUS (-)
FUSE
5
20A
(8W-13-8)
6 C10
A310
16
RD/LB
15
3 C6
D55
20
WT/OR
37
11 C6
D54
20
WT
34
C219
S211
(8W-18-3)
S213
(8W-18-4)
1
11
10
C201
S349
(8W-18-3)
S350
(8W-18-4)
14
3
6
7
C340
8
5
4
MOTOR/
MODULE-
SUNROOF
FUSED
B(+)
GROUND
SUNROOF
SWITCH
SUPPLY
SUNROOF
VENT
SWITCH
SENSE
SUNROOF
OPEN
SWITCH
SENSE
SUNROOF
CLOSE
SWITCH
SENSE
10 Q6
20
OR/LG
2 Q4
20
OR/YL
3 Q3
20
OR/TN
7 Q5
20
OR/LB
Z964
14
BK
1
9
8
4
B
A
C
D
S310
(8W-15-17)
G203
(8W-15-17)
SWITCH-
SUNROOF

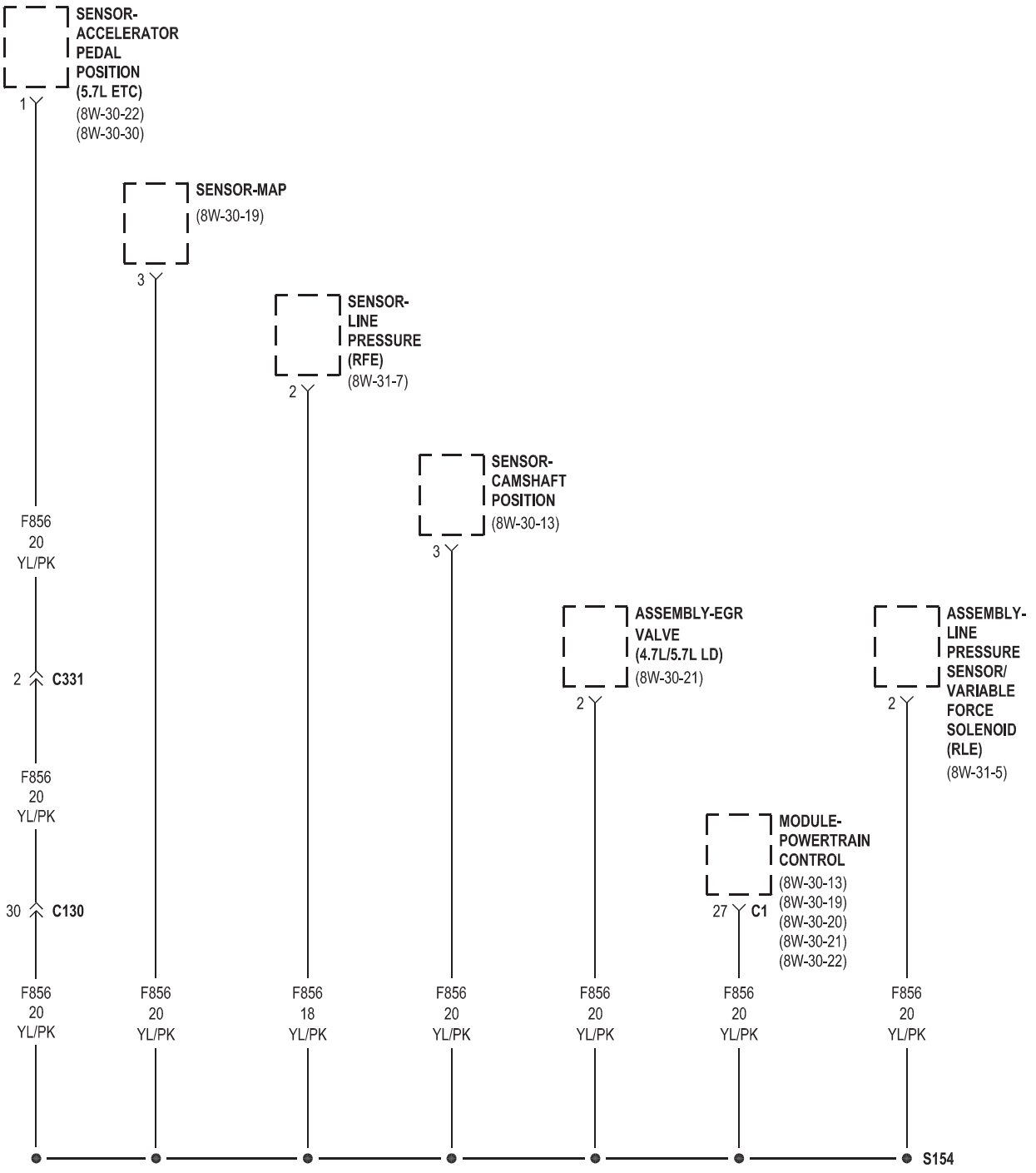
# 8W-70 SPLICE INFORMATION

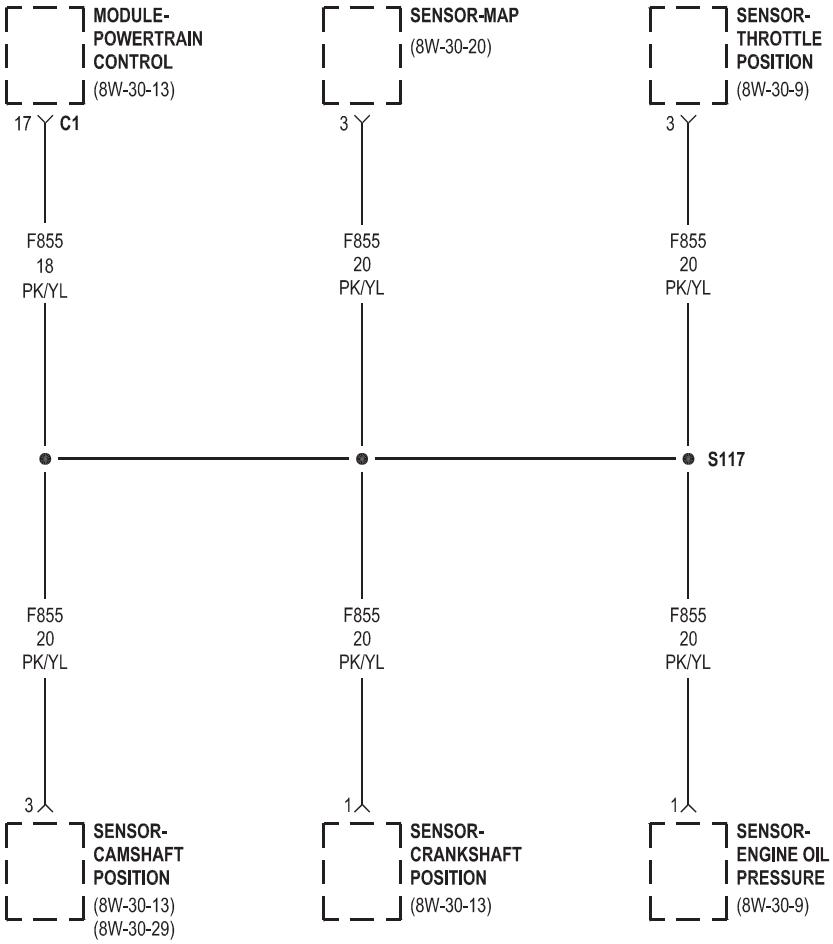

| Component | Page |
|---|---|
| S012 | 8W-18-5 |
| S014 | 8W-42-6 |
| S015 | 8W-13-18 |
| S016 | 8W-30-2 |
| S100 | 8W-15-8 |
| S102 | 8W-51-2 |
| S103 | 8W-70-6 |
| S104 | 8W-50-5 |
| S105 | 8W-15-5 |
| S106 | 8W-50-4 |
| S111 | 8W-33-2 |
| S112 | 8W-30-4 |
| S115 | 8W-13-7 |
| S117 | 8W-70-4 |
| S118 | 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 |
| S144 | 8W-70-6 |
| S145 | 8W-13-9 |
| S146 | 8W-70-9 |
| S148 | 8W-30-4 |
| S149 | 8W-30-5 |
| S150 | 8W-70-2 |
| S152 | 8W-21-3 |
| S153 | 8W-13-23 |
| S154 | 8W-70-3 |
| S159 | 8W-30-25 |
| S164 | 8W-15-13 |
| S165 | 8W-13-17 |
| S168 | 8W-30-15 |
| S169 | 8W-30-16 |
| S170 | 8W-30-26 |
| S173 | 8W-70-5 |
| S176 | 8W-15-13 |
| S178 | 8W-13-16 |
| S180 | 8W-13-8 |
| S182 | 8W-70-9 |
| S183 | 8W-70-8 |
| S184 | 8W-13-18 |
| S189 | 8W-30-27 |
| S190 | 8W-15-9 |
| S193 | 8W-13-13 |
| S194 | 8W-13-13 |
| S195 | 8W-42-7 |
| S199 | 8W-13-7 |
| S200 | 8W-13-30 |
| S201 | 8W-40-8 |
| S202 | 8W-13-17 |
| S203 | 8W-31-16 |
| S204 | 8W-13-10 |
| S205 | 8W-13-13 |
| S209 | 8W-40-8 |
| S211 | 8W-18-3 |
| S213 | 8W-18-4 |
| S214 | 8W-33-2 |
| S215 | 8W-18-3 |
| S217 | 8W-18-4 |
| S218 | 8W-13-14 |
| S221 | 8W-13-16 |
| S222 | 8W-13-12 |
| S223 | 8W-13-20 |
| S224 | 8W-42-2 |
| S225 | 8W-13-12 |
| S226 | 8W-42-4 |
| S227 | 8W-47-7 |
| S229 | 8W-47-7 |
| S232 | 8W-47-2 |
| S233 | 8W-47-7 |
| S234 | 8W-40-9 |
| S235 | 8W-13-10 |
| S236 | 8W-21-3 |
| S240 | 8W-13-15 |
| S241 | 8W-50-6 |
| S245 | 8W-13-16 |
| S301 | 8W-44-2 |
| S302 | 8W-15-21 |
| S303 | 8W-50-6 |
| S304 | 8W-15-20 |
| S305 | 8W-15-18 |
| S307 | 8W-15-7 |
| S308 | 8W-15-7 |
| S309 | 8W-15-7 |
| S310 | 8W-15-17 |
| S311 | 8W-15-21 |
| S312 | 8W-15-20 |
| S314 | 8W-15-19 |
| S316 | 8W-13-15 |
| S317 | 8W-15-20 |
| S321 | 8W-40-7 |
| S322 | 8W-43-4 |
| S323 | 8W-61-3 |
| S324 | 8W-51-2 |
| S325 | 8W-51-5 |
| S326 | 8W-51-3 |
| S327 | 8W-54-5 |
| S330 | 8W-54-5 |
| S331 | 8W-54-5 |
| S332 | 8W-62-2 |
| S333 | 8W-60-3 |
| S334 | 8W-62-3 |
| S335 | 8W-15-19 |
| S336 | 8W-15-19 |
| S338 | 8W-61-3 |
| S340 | 8W-15-7 |
| S341 | 8W-15-7 |
| S342 | 8W-51-4 |
| S343 | 8W-51-4 |
| S344 | 8W-44-2 |
| S345 | 8W-13-17 |
| S348 | 8W-15-17 |
| S349 | 8W-18-3 |
| S350 | 8W-18-4 |
| S351 | 8W-51-6 |
| S354 | 8W-43-4 |

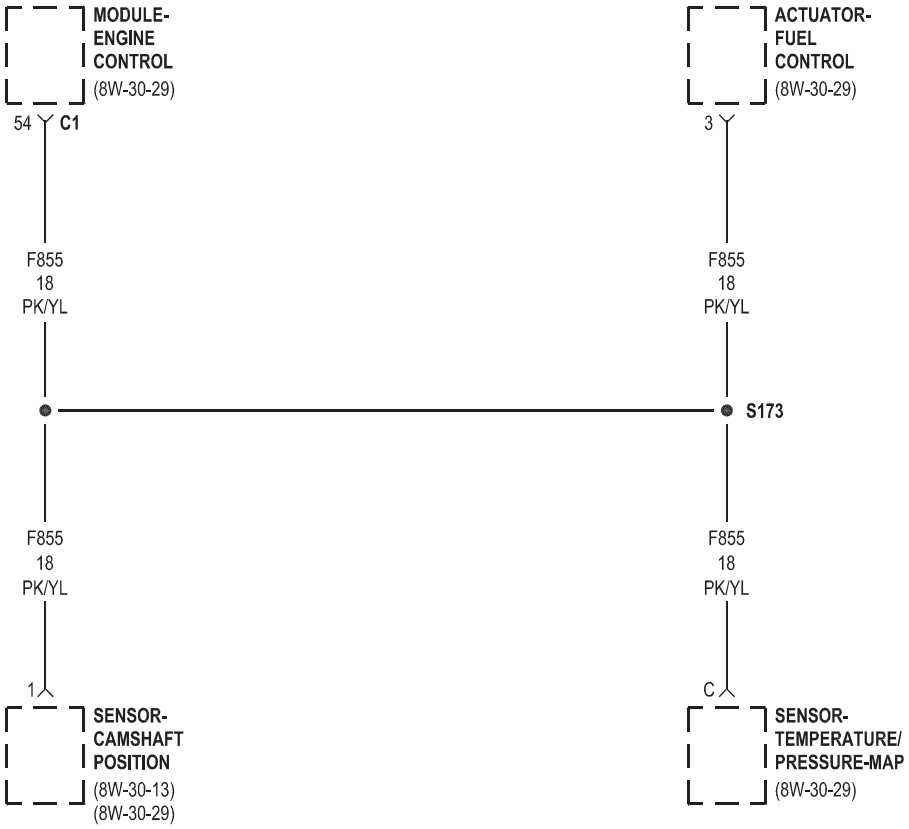

SENSOR-
ACCELERATOR
PEDAL
POSITION
(ETC)
(8W-30-22)
(8W-30-30)
6
F855
20
PK/YL
31
C130
F855
20
PK/YL
5.7L
SENSOR-
THROTTLE
POSITION
(8W-30-9)
1
F855
20
PK/YL
3.7L/4.7L
SENSOR-
CRANKSHAFT
POSITION
(8W-30-13)
(8W-30-29)
### 1
#### 3
F855
20
PK/YL
THROTTLE
BODY
(5.7L)
(8W-30-9)
2
F855
20
PK/YL
S150
F855
20
PK/YL
29
C2
MODULE-
POWERTRAIN
CONTROL
(8W-30-13)
F855
20
PK/YL
1
SENSOR-
ENGINE OIL
PRESSURE
(5.7L A/T)
(8W-30-9)

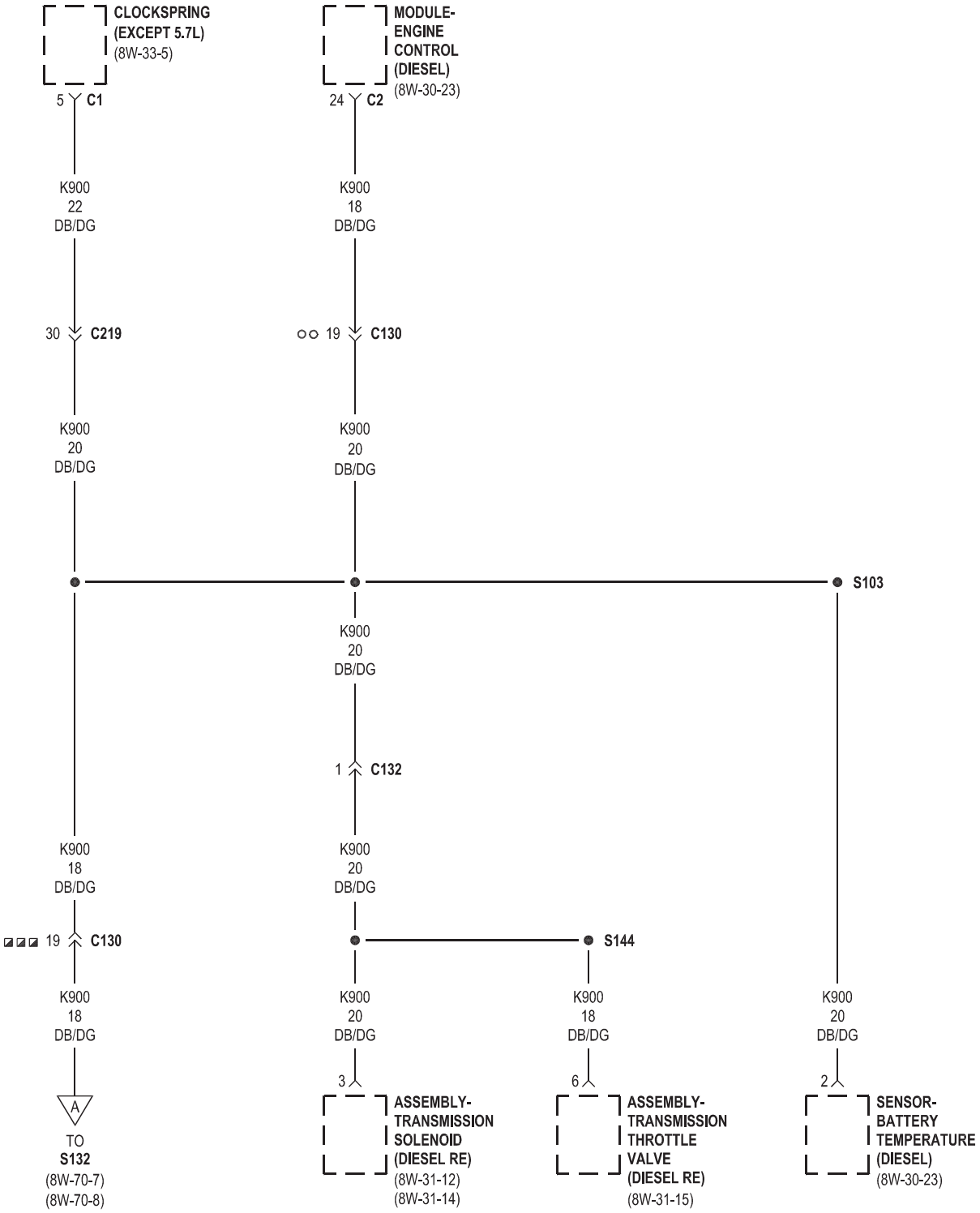
### 5.7L

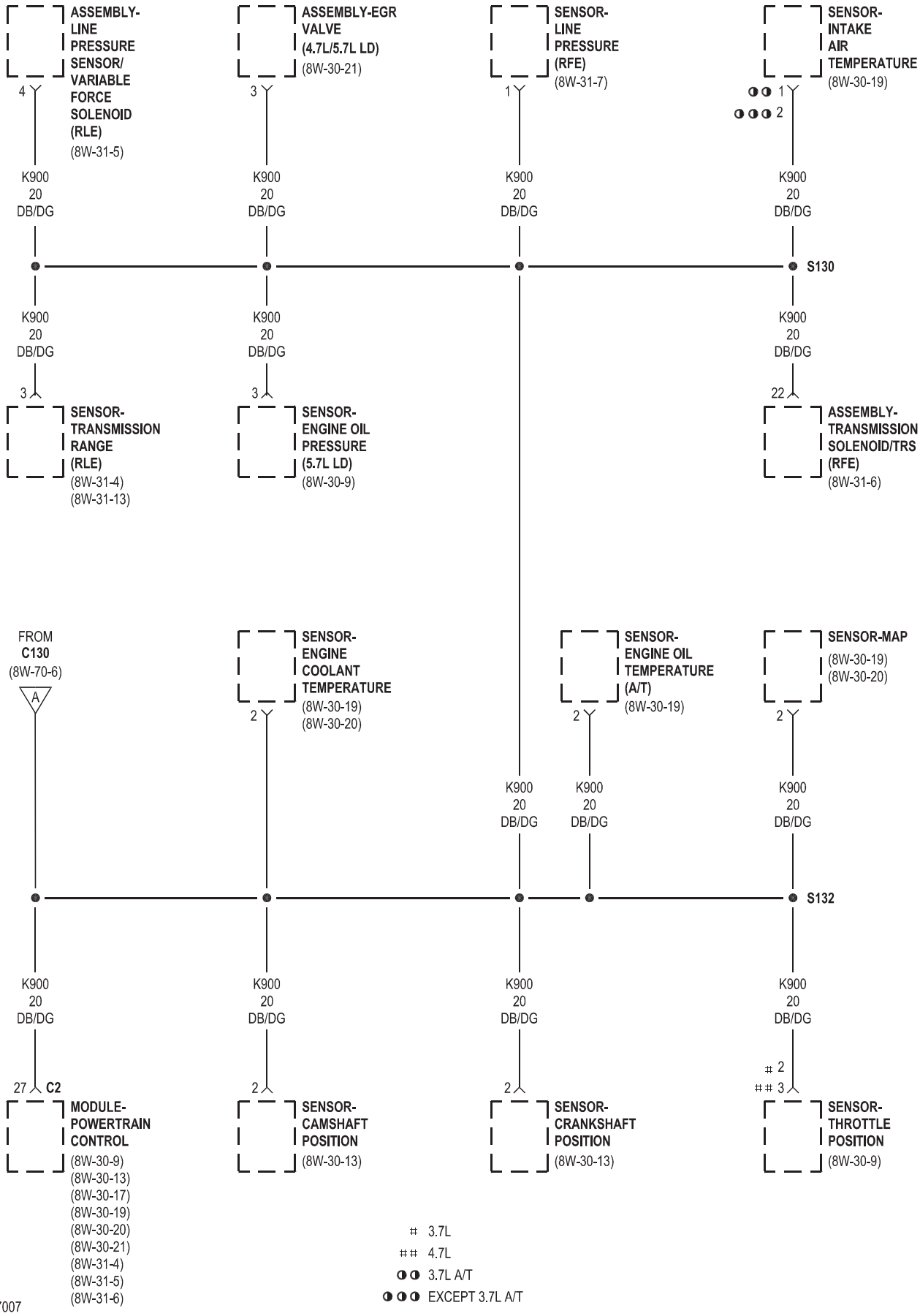
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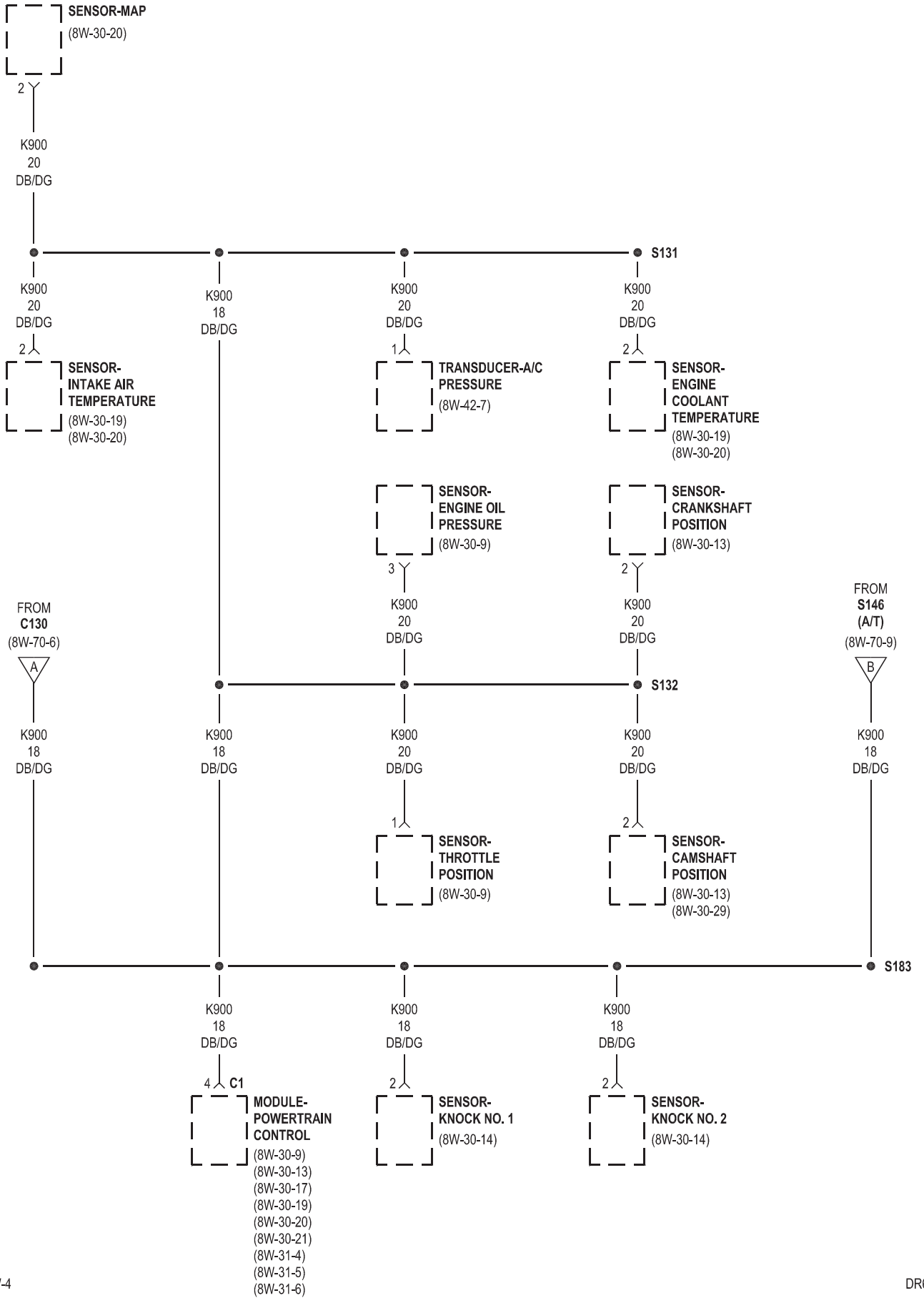

SENSOR-
ACCELERATOR
PEDAL
POSITION
(5.7L ETC)
(8W-30-22)
(8W-30-30)
1
SENSOR-MAP
(8W-30-19)
3
SENSOR-
LINE
PRESSURE
(RFE)
(8W-31-7)
2
SENSOR-
CAMSHAFT
POSITION
(8W-30-13)
3
ASSEMBLY-EGR
VALVE
(4.7L/5.7L LD)
(8W-30-21)
2
ASSEMBLY-
LINE
PRESSURE
SENSOR/
VARIABLE
FORCE
SOLENOID
(RLE)
(8W-31-5)
2
MODULE-
POWERTRAIN
CONTROL
(8W-30-13)
(8W-30-19)
(8W-30-20)
(8W-30-21)
(8W-30-22)
27 C1
F856
20
YL/PK
2 C331
F856
20
YL/PK
30 C130
F856
20
YL/PK
F856
20
YL/PK
F856
18
YL/PK
F856
20
YL/PK
F856
20
YL/PK
F856
20
YL/PK
F856
20
YL/PK
S154

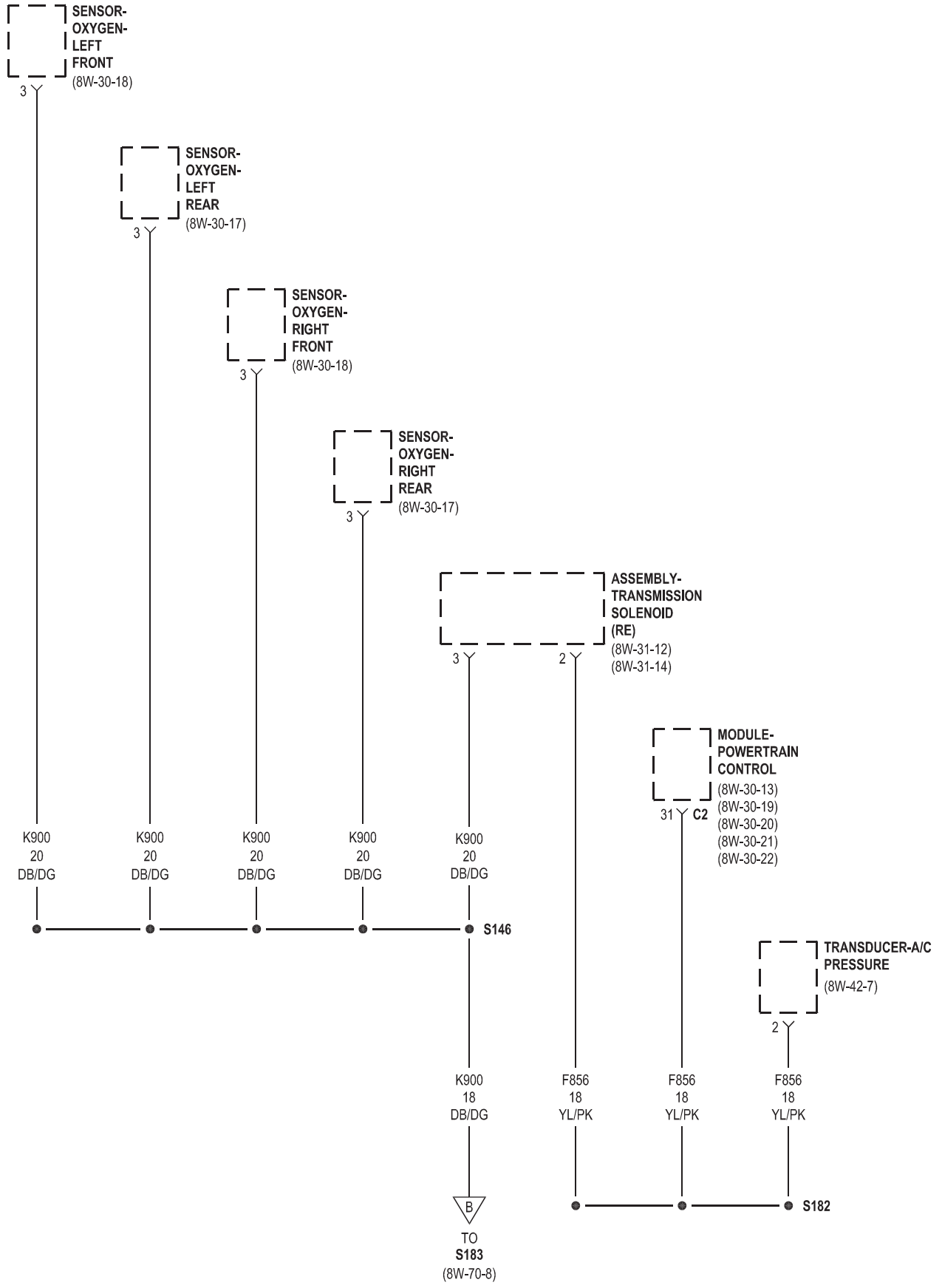

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TEMPERATURE/
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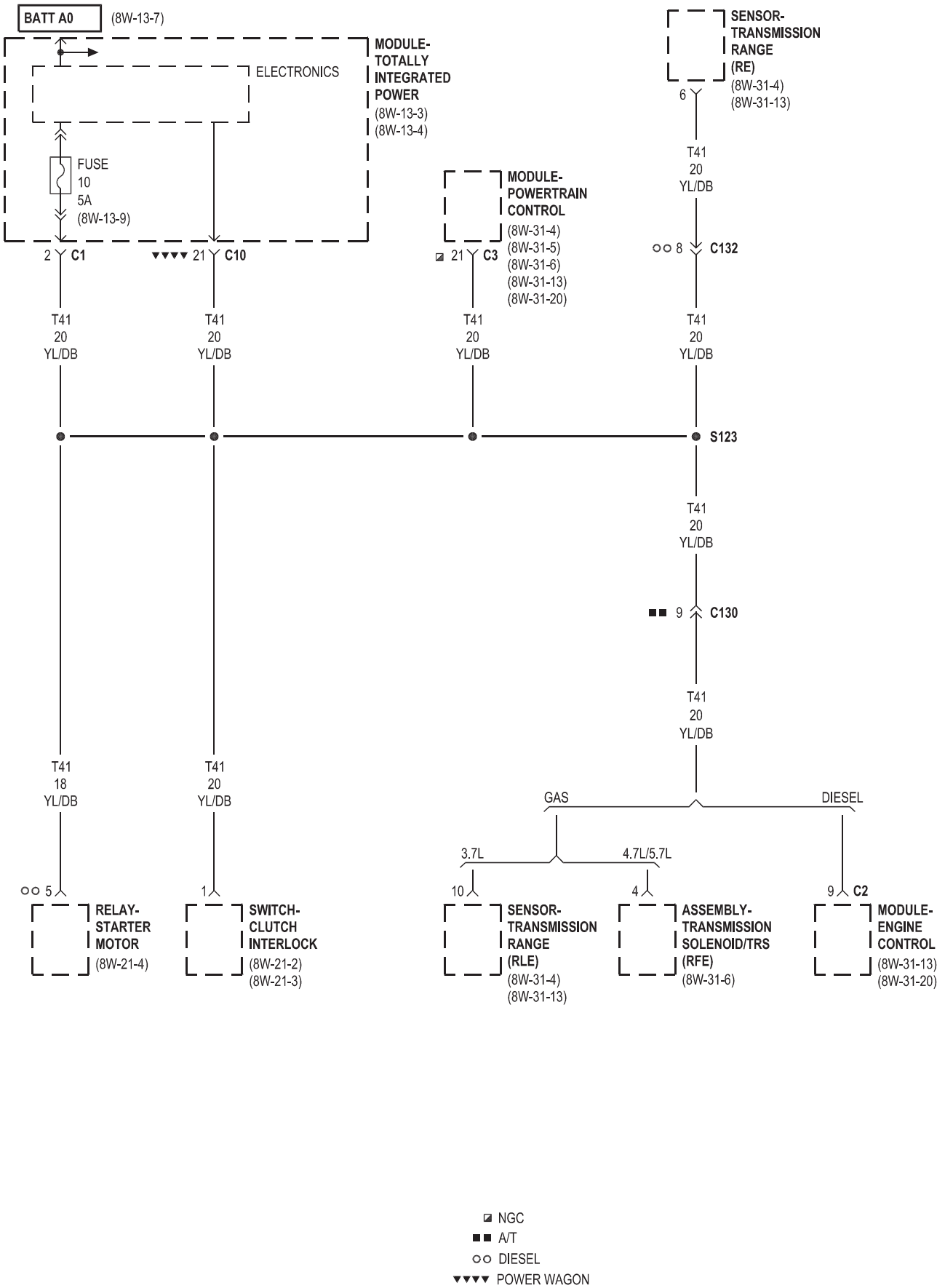

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DB/DG
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K900
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DB/DG
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K900
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K900 20 DB/DG
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## 4.7L
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DB/DG
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OXYGEN-
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OXYGEN-
RIGHT
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SENSOR-
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DB/DG
K900
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DB/DG
K900
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DB/DG
K900
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DB/DG
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18
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F856
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YL/PK
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◪ NGC
■■ A/T
○○ DIESEL
▼▼▼▼ POWER WAGON

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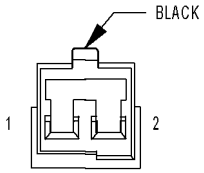

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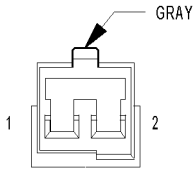
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ACTUATOR-
BLEND DOOR
(SINGLE ZONE)

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

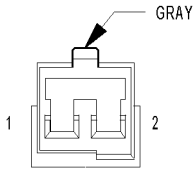
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C34 20DB/LB | COMMON DOOR DRIVER |
| 2 | C61 20DB/LG | BLEND DOOR DRIVER |




ACTUATOR-
BLEND DOOR-
DRIVER
(DUAL ZONE)

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

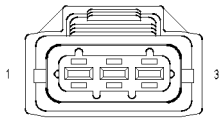
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C34 20DB/LB | COMMON DOOR DRIVER |
| 2 | C61 20DB/LG | BLEND DOOR DRIVER |




ACTUATOR-
BLEND DOOR-
PASSENGER
(DUAL ZONE)

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

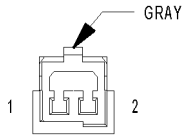
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C34 20DB/LB | COMMON DOOR DRIVER |
| 2 | C33 20LB/BR | PASSENGER BLEND DOOR DRIVER |




**ACTUATOR-
FUEL
CONTROL
(DIESEL)**

ACTUATOR-FUEL CONTROL (DIESEL) - 3 WAY

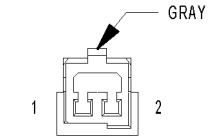
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K915 18BR/WT | FUEL RAIL SENSOR RETURN |
| 2 | K181 18BR/YL | FUEL RAIL SENSOR SIGNAL |
| 3 | F855 18PK/YL | 5 VOLT SUPPLY |




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

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

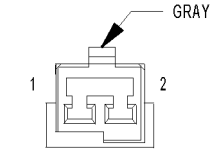
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C34 20DB/LB | COMMON DOOR DRIVER |
| 2 | C801 20DB | MODE DOOR 1 DRIVER |




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

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

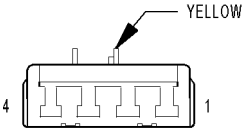
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C34 20DB/LB | COMMON DOOR DRIVER |
| 2 | C29 20DB/OR | MODE DOOR 2 DRIVER |




**ACTUATOR-
RECIRCULATION DOOR**

ACTUATOR-RECIRCULATION DOOR - GRAY 2 WAY

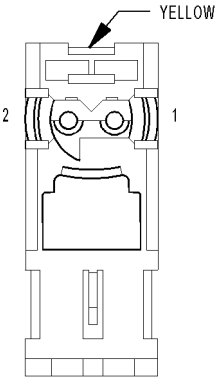
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C34 20DB/LB | COMMON DOOR DRIVER |
| 2 | C32 20DB/TN | RECIRCULATION DOOR DRIVER |




**AIRBAG-PASSENGER
SQUIB**

AIRBAG-PASSENGER SQUIB - YELLOW 4 WAY

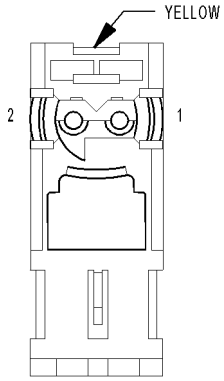
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R44 20LB/OR | PASSENGER SQUIB 1 LINE 2 |
| 2 | R42 20LB/BR | PASSENGER SQUIB 1 LINE 1 |
| 3 | R64 20LB/WT | PASSENGER SQUIB 2 LINE 1 |
| 4 | R62 20LB/VT | PASSENGER SQUIB 2 LINE 2 |




**AIRBAG-
SIDE
CURTAIN-
LEFT**

AIRBAG-SIDE CURTAIN-LEFT - YELLOW 2 WAY

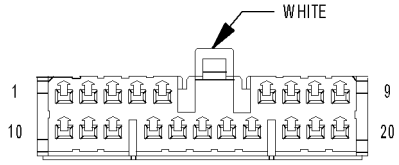
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R3 20LB/OR | LEFT CURTAIN SQUIB 1 LINE 1 |
| 2 | R1 20LB/WT | LEFT CURTAIN SQUIB 1 LINE 2 |




**AIRBAG-SIDE CURTAIN-RIGHT**

AIRBAG-SIDE CURTAIN-RIGHT - YELLOW 2 WAY

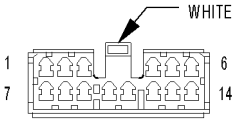
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R4 20OR/LB | RIGHT CURTAIN SQUIB 1 LINE 1 |
| 2 | R2 20WT/LB | RIGHT CURTAIN SQUIB 1 LINE 2 |




**AMPLIFIER-RADIO C1 (PREMIUM)**

AMPLIFIER-RADIO C1 (PREMIUM) - WHITE 20 WAY

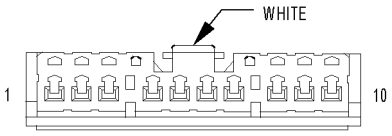
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X209 18GY/OR | LEFT INSTRUMENT PANEL SPEAKER (+) |
| 2 | X208 18GY/DG | RIGHT INSTRUMENT PANEL SPEAKER (+) |
| 3 | X200 18GY/BR | CENTER INSTRUMENT PANEL SPEAKER (+) |
| 4 | A116 16YL/RD | FUSED B(+) |
| 5 | - | - |
| 6 | D55 20WT/OR | CAN B BUS (+) |
| 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 |




**AMPLIFIER-RADIO C2 (PREMIUM)**

AMPLIFIER-RADIO C2 (PREMIUM) - WHITE 14 WAY

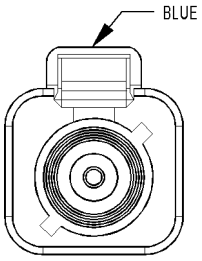
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X153 18DG/YL | LEFT FRONT DOOR SPEAKER (+) |
| 2 | X154 18GY/YL | RIGHT FRONT DOOR SPEAKER (+) |
| 3 | X205 18GY/LG | LEFT REAR SPEAKER (+) |
| 4 | X206 18DG/LG | RIGHT REAR SPEAKER (+) |
| 5 | X30 16DG/TN (SRT) | SUBWOOFER SIGNAL (+) |
| 6 | - | - |
|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

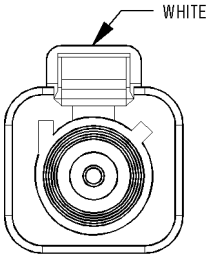
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z1 16BK | GROUND |
| 2 | A916 16RD | FUSED B(+) |
| 3 | F983 20PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 4 | X390 16DG/BR | AMPLIFIED SUBWOOFER 1 (-) |
| 5 | X300 16GY/BR | AMPLIFIED SUBWOOFER 1 (+) |
| 6 | X301 16GY/WT | AMPLIFIED SUBWOOFER 2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

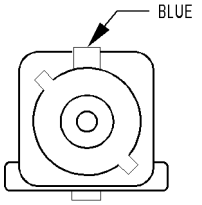
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X1 | SATELLITE ANTENNA SIGNAL 1 |




**ANTENNA CABLE-SATELLITE RADIO NO. 2**

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

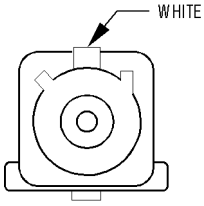
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X2 | SATELLITE ANTENNA SIGNAL 2 |




**ANTENNA-SATELLITE NO. 1**

ANTENNA-SATELLITE NO. 1 - BLUE 1 WAY

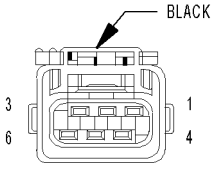
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X1 | SATELLITE ANTENNA SIGNAL 1 |




**ANTENNA-SATELLITE NO. 2**

ANTENNA-SATELLITE NO. 2 - WHITE 1 WAY

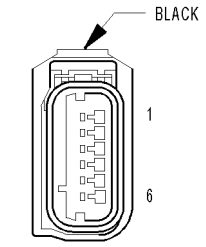
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X2 | SATELLITE ANTENNA SIGNAL 2 |




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

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

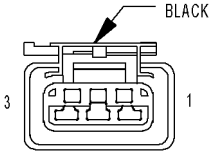
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K34 18DB/LG | EGR SIGNAL |
| 2 | F856 20YL/PK | 5 VOLT SUPPLY |
| 3 | K900 20DB/DG | SENSOR GROUND |
| 4 | Z335 20BK/WT | GROUND |
| 5 | - | - |
| 6 | K35 18DB/VT | EGR SOL CONTROL |




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

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

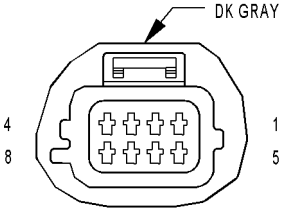
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | |
| 2 | F856 20YL/PK | 5 VOLT SUPPLY |
| 3 | T38 20YL/BR | LINE PRESSURE SENSOR SIGNAL |
| 4 | K900 20DB/DG | SENSOR GROUND |
| 5 | T16 16YL/OR | TRANSMISSION CONTROL OUTPUT |
| 6 | T118 20DG | PRESSURE CONTROL SOLENOID CONTROL |




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

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

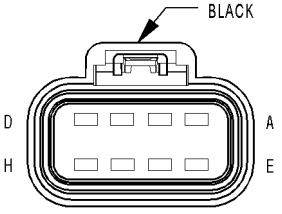
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z910 20BK | GROUND |
| 2 | K107 20VT/WT | NVLD SWITCH SIGNAL |
| 3 | K106 20VT/LB | NVLD SOL CONTROL |




**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

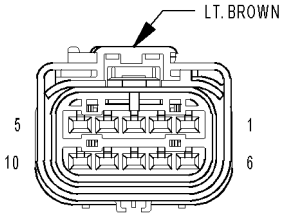
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T103 20YL/OR | MODE SENSOR B |
| 2 | D201 20WT/DG | MODE SENSOR A |
| 3 | G180 20VT/YL | SENSOR RETURN |
| 4 | T101 16DG | SHIFT MOTOR CONTROL B |
| 5 | T102 16YL | SHIFT MOTOR CONTROL A |
| 6 | A918 20RD | FUSED B(+) |
| 7 | T300 20YL/GY | T-CASE MOTOR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




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

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

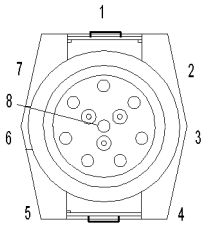
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T103 20YL/OR | MODE SENSOR B |
| 2 | D201 20WT/DG | MODE SENSOR A |
| 3 | G180 20VT/YL | SENSOR RETURN |
| 4 | T101 16DG | SHIFT MOTOR CONTROL B |
| 5 | T102 16YL | SHIFT MOTOR CONTROL A |
| 6 | A918 20RD | FUSED B(+) |
| 7 | T300 20YL/GY | T-CASE MOTOR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




**ASSEMBLY-TRANSMISSION SOLENOID (RLE)**

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

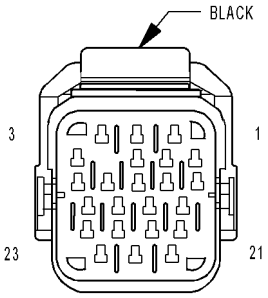
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T60 20YL/GY | OD SOLENOID CONTROL |
| 2 | T59 20YL/LB | UD SOLENOID CONTROL |
| 3 | T16 16YL/OR | TRANSMISSION CONTROL OUTPUT |
| 4 | T19 18YL/DB | 2-4 SOLENOID CONTROL |
| 5 | T47 18YL/DG | 2-4 PRESSURE SWITCH SENSE |
| 6 | T9 20DG/TN | OD PRESSURE SWITCH 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

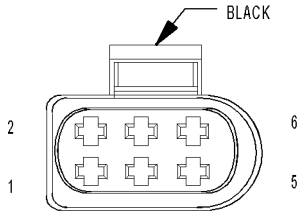
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T16 16YL/OR | TRANSMISSION CONTROL OUTPUT |
| 2 | F856 18YL/PK | 5 VOLT SUPPLY |
| 3 | K900 20DB/DG (DIESEL) | SENSOR GROUND |
| 3 | K900 18DB/DG (SRT) | SENSOR GROUND |
| 4 | T38 18YL/BR | GOVERNOR PRESSURE SENSOR SIGNAL |
| 5 | T118 18DG | GOVERNOR PRESSURE 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

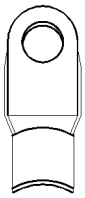
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | T20 20DG/WT | L/R SOLENOID CONTROL |
| 3 | - | - |
| 4 | T41 20YL/DB | PARK/NEUTRAL POSITION SWITCH SENSE (T41) |
| 5 | T42 20DG/YL | TRS T42 SENSE |
| 6 | - | - |
| 7 | T60 20YL/GY | OD SOLENOID CONTROL |
| 8 | T3 20DG/DB | TRS T3 SENSE |
| 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 |




**ASSEMBLY-TRANSMISSION THROTTLE VALVE (DIESEL RE)**

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

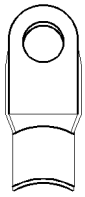
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K312 18OR | TTVA POSITION SENSOR SIGNAL |
| 2 | F856 18YL/PK | 5 VOLT SUPPLY |
| 3 | K314 18TN/YL | TTVA MOTOR (+) |
| 4 | - | - |
| 5 | K315 18TN/OR | TTVA MOTOR (-) |
| 6 | K900 18DB/DG | SENSOR GROUND |



**ASSEMBLY-WINCH B(+) EYELET**

ASSEMBLY-WINCH B(+) EYELET - 1 WAY

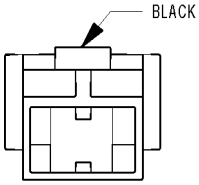
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | 10RD | B(+) |



**ASSEMBLY-WINCH GROUND**

ASSEMBLY-WINCH GROUND - 1 WAY

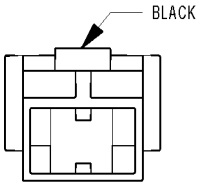
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | 10BK | GROUND |




**BACKLITE-HEATED (GROUND)**

BACKLITE-HEATED (GROUND) - BLACK 1 WAY

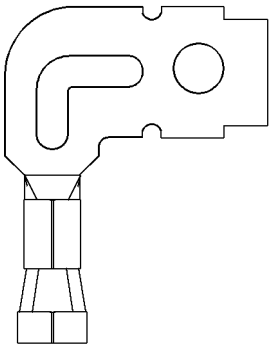
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z255 16BK | GROUND |




**BACKLITE-HEATED (POWER)**

BACKLITE-HEATED (POWER) - BLACK 1 WAY

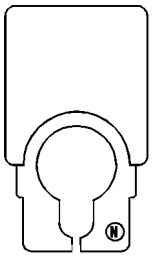
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C15 14BK (EXCEPT SAB) | REAR WINDOW DEFOGGER CONTROL OUTPUT |
| 1 | C15 16DB/WT (SAB) | REAR WINDOW DEFOGGER CONTROL OUTPUT |



**BATTERY-NEGATIVE (GAS)**

BATTERY-NEGATIVE (GAS) - 1 WAY

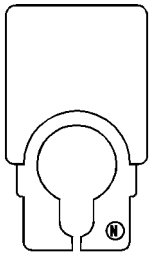
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z1 6BK | GROUND |
| 1 | Z2 6BK | GROUND |




**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)**

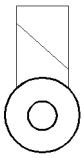
BATTERY-NEGATIVE (DIESEL RIGHT BATTERY) - 1 WAY

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

**CONNECTOR NOT AVAILABLE**

BATTERY-NEGATIVE (GAS) - 1 WAY

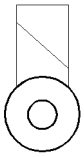
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z3 6BK | GROUND |



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

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

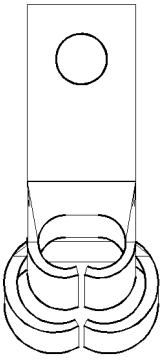
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A11 8LB | B(+) |



**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)**

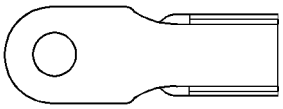
BATTERY-POSITIVE (GAS EXCEPT 5.7L HD) - 1 WAY

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

**CONNECTOR NOT AVAILABLE**

BATTERY-POSITIVE (5.7L HD) - 1 WAY

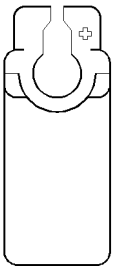
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A0 6RD | B(+) |
| 1 | A8 6RD | B(+) |



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

BATTERY-POSITIVE (DIESEL RIGHT BATTERY) - 1 WAY

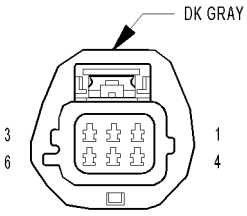
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A1 1RD | B(+) |



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

BATTERY-POSITIVE (DIESEL LEFT BATTERY) - 1 WAY

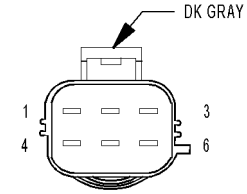
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A8 00RD | B(+) |
| 1 | A0 6RD | B(+) |




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

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

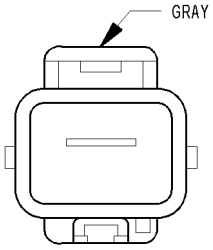
| CAV | CIRCUIT |
|---|---|
| 1 | T750 14YL/GY |
| 2 | T520 16YL/OR (POWER WAGON) |
| 3 | Z906 20BK (LD 4WD) |
| 3 | T524 16YL/LG (POWER WAGON) |
| 4 | G303 20VT/DG (LD 4WD) |
| 5 | G304 20VT/DB (LD 4WD) |
| 5 | T521 18YL/GY (POWER WAGON) |
| 6 | A880 20DB/RD (LD 4WD) |
| 6 | T522 18YL/LB (POWER WAGON)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




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

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

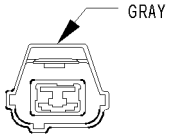
| CAV | CIRCUIT |
|---|---|
| 1 | T750 14YL/GY |
| 2 | T520 16YL/OR (POWER WAGON) |
| 3 | Z906 20BK (LD 4WD) |
| 3 | T524 16YL/LG (POWER WAGON) |
| 4 | G303 20VT/DG (LD 4WD) |
| 5 | G304 20VT/DB (LD 4WD) |
| 5 | T521 20YL/GY (POWER WAGON) |
| 6 | A880 20DB/RD (LD 4WD) |
| 6 | T522 20YL/LB (POWER WAGON)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




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

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

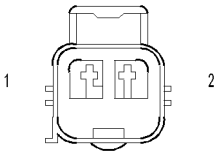
| CAV | CIRCUIT |
|---|---|
| 1 | T750 14YL/GY (EXCEPT SRT) |
| 1 | T750 14RD/BK (SRT) |




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

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

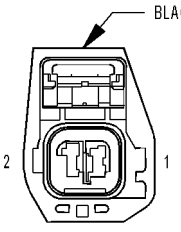
| CAV | CIRCUIT |
|---|---|
| 1 | T750 14YL/GY (EXCEPT SRT) |
| 1 | T750 12RD/BK (SRT) |




**C103**

C103 (SRT) - (UNDERHOOD SIDE)

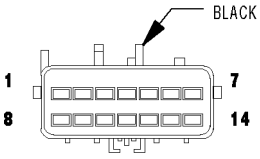
| CAV | CIRCUIT |
|---|---|
| 1 | Z470 20BK/LB |
| 2 | A114 18GY/RD |




**C103**

C103 - BLACK (HEADLAMP AND DASH SIDE)

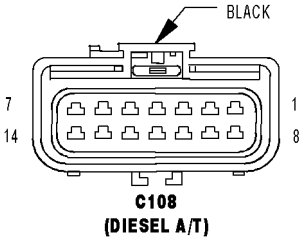
| CAV | CIRCUIT |
|---|---|
| 1 | Z470 20BK/LB |
| 2 | A114 18GY/RD (EXCEPT SRT) |
| 2 | A114 20GY/RD (SRT) |




**C108**
**(DIESEL A/T)**

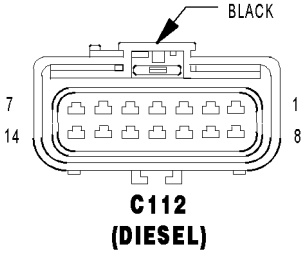
C108 (DIESEL A/T) - BLACK (ENGINE SIDE)

| 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 | - |



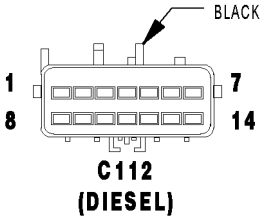

C108 (DIESEL A/T) - BLACK (TRANSMISSION SIDE)

| 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 | - |



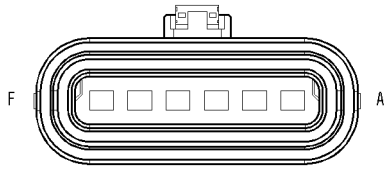

C112 (DIESEL) - BLACK (TRANSMISSION SIDE)

| 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)

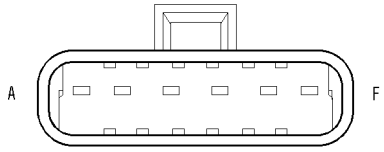
| CAV | CIRCUIT |
|---|---|
| 1 | K160 18BR/OR |
| 2 | A212 18PK/YL |
| 3 | K167 18BR/YL |
| 4 | K852 18BR/VT |
| 5 | K315 18TN/OR (A/T) |
| 6 | K314 18TN/YL (A/T) |
| 7 | - |
| 8 | - |
| 9 | D64 18WT/LB |
| 10 | D65 18WT/LG |
| 11 | C818 18LB/OR |
| 12 | C918 18BK/LB |
| 13 | C18 18LB/BR |
| 14 | C3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




**C116**
**(DIESEL)**

C116 (DIESEL) - (ENGINE SIDE)

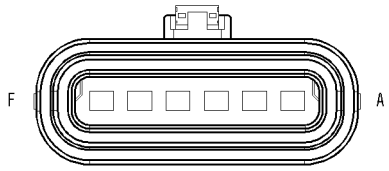
| CAV | CIRCUIT |
|---|---|
| A | K13 16TN |
| B | K227 16BR/LG |
| C | K12 16BR/DB |
| D | K227 16BR/LG |
| E | K11 16BR/YL |
| F | K227 16BR/LG |




**C116**
**(DIESEL)**

C116 (DIESEL) - (INJECTOR SIDE)

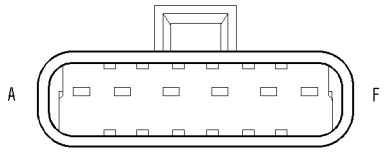
| CAV | CIRCUIT |
|---|---|
| A | K13 14BK |
| B | K227 14BK |
| C | K12 14BK |
| D | K227 14BK |
| E | K11 14BK |
| F | K227 14BK |




**C117**
**(DIESEL)**

C117 (DIESEL) - (ENGINE SIDE)

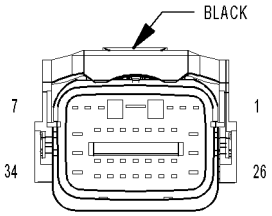
| CAV | CIRCUIT |
|---|---|
| A | K58 16BR/VT |
| B | K229 16TN/PK |
| C | K38 16GY |
| D | K229 16TN/PK |
| E | K14 16BR/TN |
| F | K229 16TN/PK |




**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 |



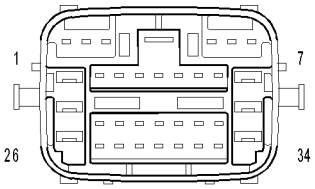

C130

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) |

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)

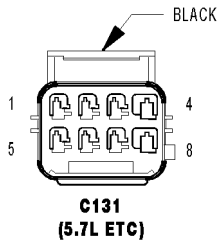
| CAV | CIRCUIT |
|---|---|
| 1 | A212 18PK/YL (DIESEL) |
| 1 | D15 20WT/DG (NGC) |
| 1 | A917 18RD (SRT M/T) |
| 2 | V37 18VT (DIESEL) |
| 2 | D16 20WT/OR (NGC) |
| 2 | K242 18BR/WT (SRT) |
| 3 | C818 18LB/OR (DIESEL) |
| 3 | C818 20LB/OR (NGC) |
| 4 | A209 10RD (DIESEL) |
| 4 | K342 16BR/WT (GAS) |
| 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) |

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) |

C130 - (TRANSMISSION SIDE)

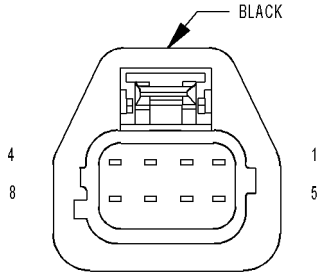
| CAV | CIRCUIT |
|---|---|
| 28 | G180 20VT/YL (POWER WAGON) |
| 29 | K400 18BR/VT (DIESEL) |
| 29 | F1 20PK/WT (NGC) |
| 30 | D201 20WT/DG (4.7L) |
| 30 | F856 20YL/PK (5.7L) |
| 30 | K23 18BR/WT (DIESEL) |
| 31 | T341 20DG/VT (4.7L FULL TIME ETC) |
| 31 | F855 20PK/YL (5.7L) |
| 31 | K852 18BR/VT (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)

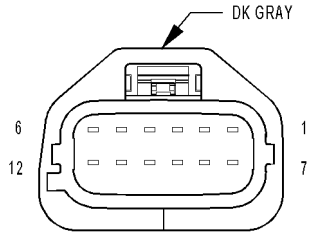
| CAV | CIRCUIT |
|---|---|
| 1 | T101 16DG |
| 2 | - |
| 3 | D201 20WT/DG |
| 4 | T103 20YL/OR |
| 5 | T102 16YL |
| 6 | - |
| 7 | T300 20YL/GY |
| 8 | G180 20VT/YL |



**C131**
**(5.7L ETC)**

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

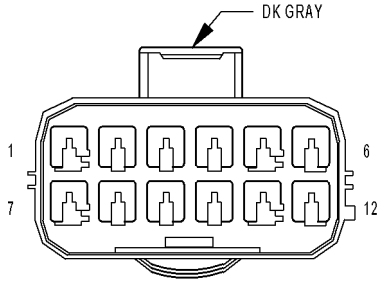
| CAV | CIRCUIT |
|---|---|
| 1 | T101 16DG |
| 2 | - |
| 3 | D201 20WT/DG |
| 4 | T103 20YL/OR |
| 5 | T102 16YL |
| 6 | - |
| 7 | T300 20YL/GY |
| 8 | G180 20VT/YL |




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

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

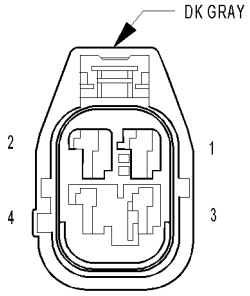
| CAV | CIRCUIT |
|---|---|
| 1 | K900 20DB/DG (A/T) |
| 2 | T16 16YL/OR (A/T) |
| 3 | T917 20YL/TN (A/T) |
| 3 | L10 20WT/DG (M/T) |
| 4 | T117 20DG/YL (A/T) |
| 4 | Z965 20BK (M/T) |
| 5 | T103 20YL/OR (ETC) |
| 6 | T101 16DG (ETC) |
| 7 | A918 20RD (ETC) |
| 8 | T41 20YL/DB (A/T) |
| 9 | G180 20VT/YL (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)

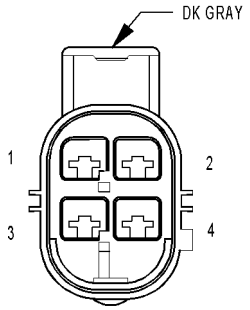
| CAV | CIRCUIT |
|---|---|
| 1 | K900 20DB/DG (A/T) |
| 2 | T16 16YL/OR (A/T) |
| 2 | L10 20WT/GY (M/T) |
| 3 | T917 20YL/TN (A/T) |
| 4 | T117 20DG/YL (A/T) |
| 4 | Z965 20BK (M/T) |
| 5 | T103 20YL/OR (ETC) |
| 6 | T101 16DG (ETC) |
| 7 | A918 20RD (ETC) |
| 8 | T41 20YL/DB (A/T) |
| 9 | G180 20VT/YL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




**C132**
**(DIESEL M/T MTC)**

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

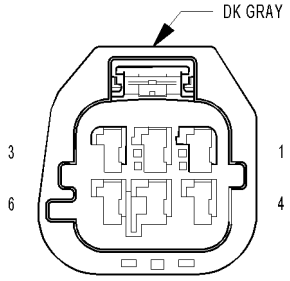
| CAV | CIRCUIT |
|---|---|
| 1 | D201 20WT/DG |
| 2 | Z955 20BK |
| 3 | L10 20WT/GY |
| 4 | Z965 20BK |




**C132**
**(DIESEL M/T MTC)**

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

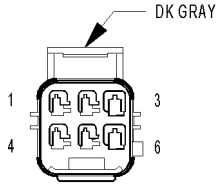
| CAV | CIRCUIT |
|---|---|
| 1 | D201 18WT/DG |
| 2 | Z955 18BK |
| 3 | L10 20WT/GY |
| 4 | Z955 20BK |




**C134**
**(POWER WAGON)**

C134 (POWER WAGON) - DK GRAY (HEAD-LAMP AND DASH SIDE)

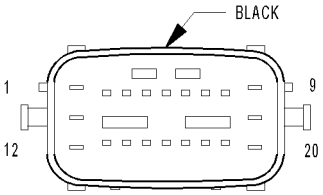
| CAV | CIRCUIT |
|---|---|
| 1 | T526 16YL/WT |
| 2 | T523 20YL/TN |
| 3 | T527 20YL/TN |
| 4 | T528 16YL/GY |
| 5 | - |
| 6 | - |




**C134**
**(POWER WAGON)**

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

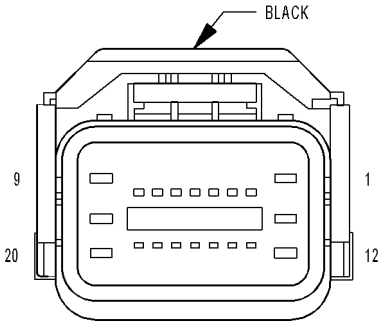
| CAV | CIRCUIT |
|---|---|
| 1 | T526 16YL/WT |
| 2 | T521 18YL/GY |
| 3 | T527 18YL/TN |
| 4 | T528 16YL/GY |
| 5 | - |
| 6 | - |




C135

C135 - BLACK (HEADLAMP AND DASH SIDE)

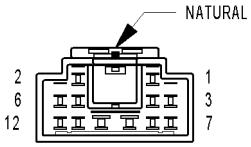
| CAV | CIRCUIT |
|---|---|
| 1 | A109 16OR/RD |
| 2 | L673 18YL |
| 3 | L674 18LG |
| 4 | Z210 20BK |
| 5 | N4 20DB/WT |
| 6 | L7 20WT/YL |
| 7 | L62 20WT/YL |
| 8 | L63 20WT/DG |
| 9 | L678 18BR |
| 10 | Z927 14BK/OR |
| 11 | B40 14DG (TRAILER TOW) |
| 12 | A100 14RD/VT (TRAILER TOW) |
| 13 | L1 18WT/LG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

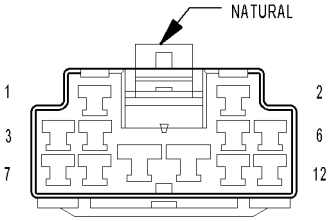
| CAV | CIRCUIT |
|---|---|
| 1 | A109 14OR/RD |
| 2 | L673 18YL |
| 3 | L674 18LG |
| 4 | Z210 18BK |
| 5 | N4 18DB/WT |
| 6 | L7 18WT/YL |
| 7 | L62 18WT/YL |
| 8 | L63 18WT/DG |
| 9 | L678 18BR |
| 10 | Z927 12BK |
| 11 | B40 14DG (TRAILER TOW) |
| 12 | A100 14RD/VT (TRAILER TOW) |
| 13 | L1 18WT/LG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




C136

C136 - NATURAL (BODY SIDE)

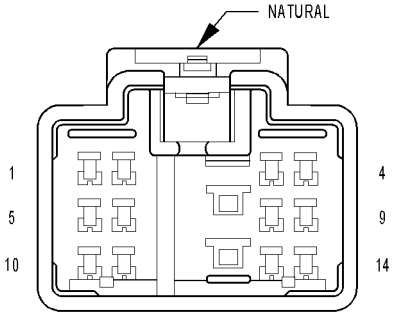
| CAV | CIRCUIT |
|---|---|
| 1 | A956 20RD |
| 2 | A405 18RD/DB |
| 3 | C16 18DB/GY (EXCEPT BASE) |
| 4 | A940 18RD (EXCEPT BASE) |
| 5 | - |
| 6 | - |
| 7 | - |
| 8 | - |
| 9 | A210 12OR/RD (EXCEPT BASE) |
| 10 | C15 14BK (HEATED BACKLITE) |
| 11 | A916 16RD (SRT) |
| 12 | - |




C136

C136 - NATURAL (HEADLAMP AND DASH SIDE)

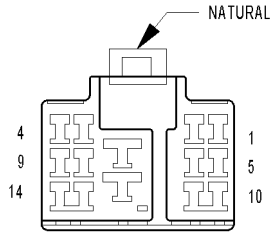
| CAV | CIRCUIT |
|---|---|
| 1 | A956 20RD |
| 2 | A405 18RD/DB |
| 3 | C16 16DB/GY (EXCEPT BASE) |
| 4 | A940 18RD (EXCEPT BASE) |
| 5 | - |
| 6 | - |
| 7 | - |
| 8 | - |
| 9 | A210 12OR/RD (EXCEPT BASE) |
| 10 | C15 14DB/WT (HEATED BACKLITE) |
| 11 | A916 16RD (SRT) |
| 12 | - |




C137
(POWER WAGON)

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

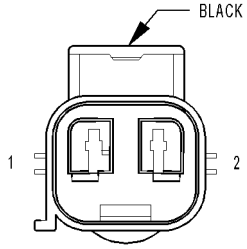
| CAV | CIRCUIT |
|---|---|
| 1 | T529 20YL/LG |
| 2 | T530 20YL/DG |
| 3 | T531 20YL/TN |
| 4 | T532 20YL/GY |
| 5 | T533 20YL/LB |
| 6 | T534 20YL |
| 7 | - |
| 8 | T536 20YL/WT |
| 9 | T537 20YL/LG |
| 10 | T535 20YL/BR |
| 11 | - |
| 12 | - |
| 13 | E11 20OR/DB |
| 14 | Z952 20BK |




**C137**
**(POWER WAGON)**

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

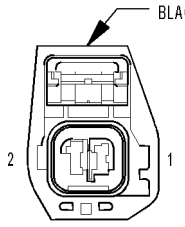
| CAV | CIRCUIT |
|---|---|
| 1 | T529 20YL/LG |
| 2 | T530 20YL/DG |
| 3 | T531 20YL/TN |
| 4 | T532 20YL/GY |
| 5 | T533 20YL/LB |
| 6 | T534 20YL |
| 7 | - |
| 8 | T536 20YL/WT |
| 9 | T537 20YL/LG |
| 10 | T535 20YL/BR |
| 11 | - |
| 12 | - |
| 13 | E11 20OR/DB |
| 14 | Z952 20BK |




**C138**

C138 - BLACK (FRONT FASCIA SIDE)

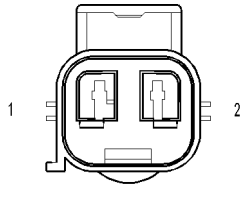
| CAV | CIRCUIT |
|---|---|
| 1 | L89 18WT/YL |
| 2 | Z926 18BK |




**C138**

C138 - BLACK (HEADLAMP AND DASH SIDE)

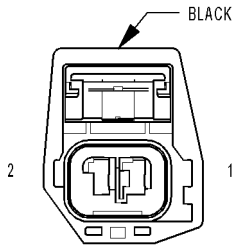
| CAV | CIRCUIT |
|---|---|
| 1 | L89 18WT/YL |
| 2 | Z926 18BK |




**C139**
**(4.7L ETC)**

C139 (4.7L ETC) - (ENGINE SIDE)

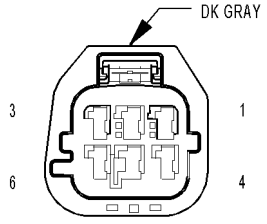
| CAV | CIRCUIT |
|---|---|
| 1 | D20 20WT/LG |
| 2 | D21 20WT/BR |




**C139**
**(4.7L ETC)**

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

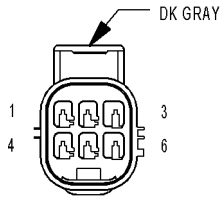
| CAV | CIRCUIT |
|---|---|
| 1 | D20 20WT/LG |
| 2 | D21 20WT/BR |




**C140**
**(5.7L)**

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

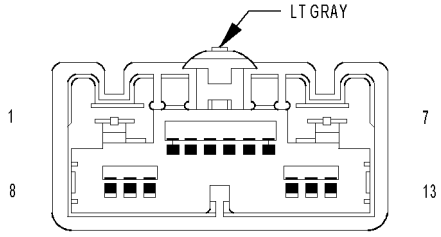
| CAV | CIRCUIT |
|---|---|
| 1 | K451 18BR/WT |
| 2 | K452 18BR/LB |
| 3 | K453 18BR/DG |
| 4 | K454 18BR/OR |
| 5 | - |
| 6 | Z903 18BK |




**C140**
**(5.7L)**

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

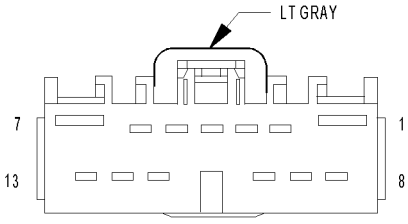
| CAV | CIRCUIT |
|---|---|
| 1 | K451 20BR/WT |
| 2 | K452 20BR/LB |
| 3 | K453 20BR/DG |
| 4 | K454 20BR/OR |
| 5 | - |
| 6 | Z903 20BK |




**C200**

C200 - LT GRAY (HVAC SIDE)

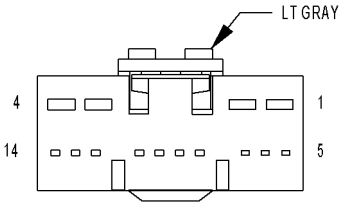
| CAV | CIRCUIT |
|---|---|
| 1 | C70 10DB/YL |
| 2 | C34 20DB/LB |
| 3 | C71 16DB/BR |
| 4 | C32 20DB/TN |
| 5 | C73 14DB/VT |
| 6 | C72 16DB/OR |
| 7 | F942 10DB |
| 8 | C801 20DB |
| 9 | C21 20DB/LG (A/C) |
| 10 | C121 20DB/DG (A/C) |
| 11 | C61 20DB/LG |
| 12 | C33 20LB/BR (DUAL ZONE) |
| 13 | C29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




**C200**

C200 - LT GRAY (I/P SIDE)

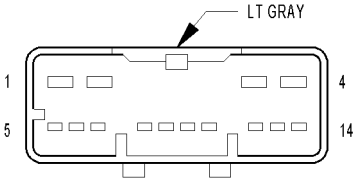
| CAV | CIRCUIT |
|---|---|
| 1 | C70 10DB/YL |
| 2 | C34 20DB/LB |
| 3 | C71 16DB/BR |
| 4 | C32 20DB/TN |
| 5 | C73 14DB/VT |
| 6 | C72 16DB/OR |
| 7 | F942 10PK/LG |
| 8 | C801 20DB/OR |
| 9 | C21 20DB/LG (A/C) |
| 10 | C121 20DB/DG (A/C) |
| 11 | C61 20DB/LG |
| 12 | C33 20LB/BR (DUAL ZONE) |
| 13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




**C201**

C201 - LT GRAY (HEADLINER SIDE)

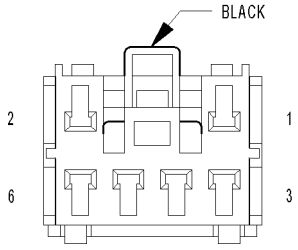
| CAV | CIRCUIT |
|---|---|
| 1 | A310 14RD/LB (SUNROOF) |
| 2 | Z13 20BK/WT (EXCEPT BASE) |
| 3 | L50 18WT/TN |
| 4 | Z964 14BK |
| 5 | A919 20RD (EXCEPT BASE) |
| 6 | - |
| 7 | L14 20WT/TN |
| 8 | - |
| 9 | M20 20YL/LB |
| 10 | D54 20WT (EXCEPT BASE) |
| 11 | D55 20WT/OR (EXCEPT BASE) |
| 12 | M288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




**C201**

C201 - LT GRAY (I/P SIDE)

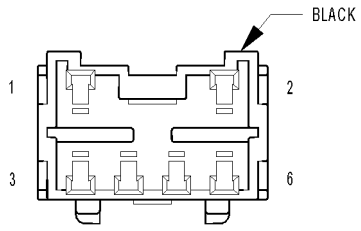
| CAV | CIRCUIT |
|---|---|
| 1 | A310 16RD/LB (EXCEPT BASE) |
| 2 | Z13 18BK/WT |
| 3 | L50 18WT/TN |
| 4 | Z964 18BK (EXCEPT BASE) |
| 5 | A919 20RD (EXCEPT BASE) |
| 6 | F21 20PK/DG |
| 7 | L14 20WT/TN |
| 8 | - |
| 9 | M20 20YL/LB |
| 10 | D54 20WT (EXCEPT BASE) |
| 11 | D55 20WT/OR (EXCEPT BASE)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




**C206**
**(EXCEPT HANDS FREE)**

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

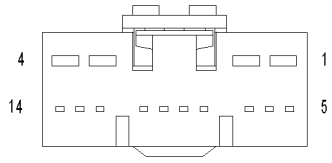
| CAV | CIRCUIT |
|---|---|
| 1 | L70 20WT/GY (EXCEPT SRT) |
| 2 | Z946 20BK (EXCEPT SRT) |
| 3 | F21 20PK/DG (AUTO DAY/NIGHT MIRROR) |
| 4 | Z944 20BK (AUTO DAY/NIGHT MIRROR) |
| 5 | L1 20WT/LG (AUTO DAY/NIGHT MIRROR) |
| 6 | - |




**C206**
**(EXCEPT HANDS FREE)**

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

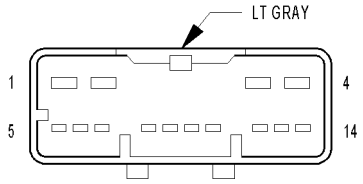
| CAV | CIRCUIT |
|---|---|
| 1 | L70 20WT/GY (EXCEPT SRT) |
| 2 | Z946 18BK |
| 3 | F21 20PK/DG (AUTO DAY/NIGHT MIRROR) |
| 4 | Z944 20BK (AUTO DAY/NIGHT MIRROR) |
| 5 | L1 18WT/LG (AUTO DAY/NIGHT MIRROR) |
| 6 | - |




**C206**
**(HANDS FREE)**

C206 (HANDS FREE) - (CLEARANCE LAMPS SIDE)

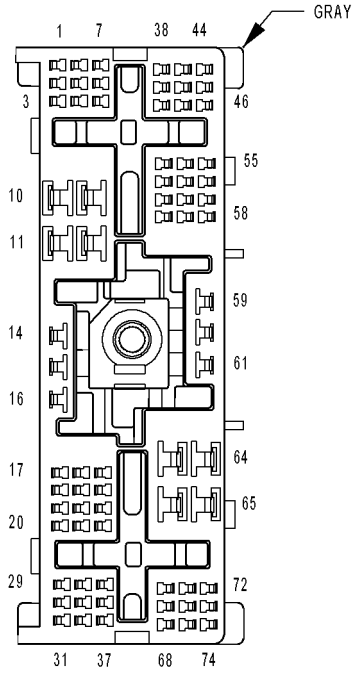
| CAV | CIRCUIT |
|---|---|
| 1 | L70 20WT/GY (CLEARANCE LAMPS) |
| 2 | Z946 20BK (CLEARANCE LAMPS) |
| 3 | F21 20PK/DG |
| 4 | Z944 20BK |
| 5 | L1 20WT/LG |
| 6 | X712 20DG/LB |
| 7 | X792 20LB/DG |
| 8 | X835 20OR/GY |
| 9 | X730 20GY/YL |
| 10 | X793 20DG/YL |
| 11 | X722 20LB/DG |
| 12 | - |
| 13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




**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 | - |



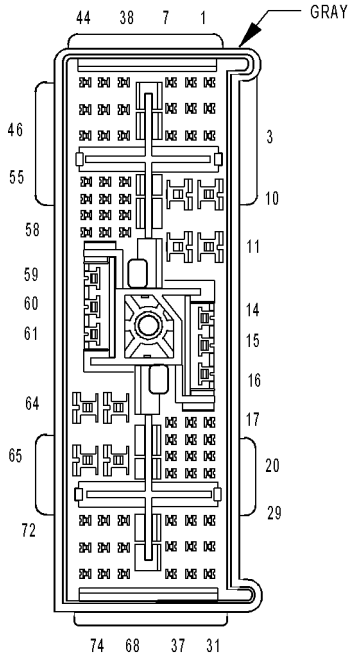

**C219**

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 |

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 |



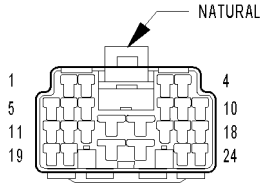

**C219**

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) |

C219 - NATURAL (I/P SIDE)

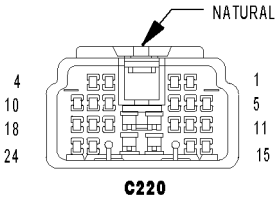
| CAV | CIRCUIT |
|---|---|
| 53 | Z210 20BK |
| 54 | N4 20DB/WT |
| 55 | - |
| 56 | F100 20PK/VT |
| 57 | D25 20WT/VT (SRT) |
| 58 | - |
| 59 | - |
| 60 | - |
| 61 | A930 16RD (HEATED SEATS) |
| 62 | - |
| 63 | - |
| 64 | - |
| 65 | - |
| 66 | R79 20LB/VT |
| 67 | F201 20PK/OR |
| 68 | R81 20LB/WT |
| 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**

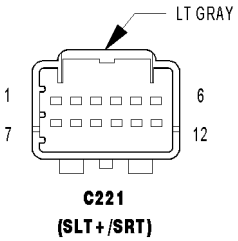
C220 - NATURAL (I/P SIDE)

| 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 |



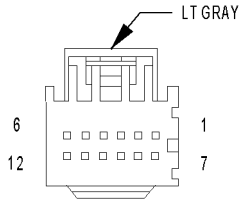

C220 - NATURAL (BODY SIDE)

| 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

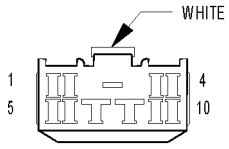
| CAV | CIRCUIT |
|---|---|
| 1 | Z957 18BK |
| 2 | X916 20GY/OR |
| 3 | X511 18GY/LG |
| 4 | X521 18GY/LB |
| 5 | A114 18GY/RD |
| 6 | X510 18DG/LB |
| 7 | X910 18GY/DG |
| 8 | X522 18GY/DB |
| 9 | D54 20WT |
| 10 | D55 20WT/OR |
| 11 | Z30 18BK |
| 12 | Z30 18BK |




**C221**
**(SLT+/SRT)**

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

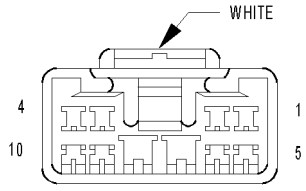
| CAV | CIRCUIT |
|---|---|
| 1 | Z957 18BK |
| 2 | X916 20GY/OR |
| 3 | X511 20GY/LG |
| 4 | X521 20GY/LB |
| 5 | A118 18RD/OR |
| 6 | X510 20DG/LB |
| 7 | X910 20GY/DG |
| 8 | X522 20GY/DB |
| 9 | D54 20WT |
| 10 | D55 20WT/OR |
| 11 | - |
| 12 | - |




**C301**

C301 - WHITE (BODY SIDE)

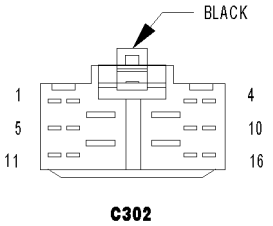
| CAV | CIRCUIT |
|---|---|
| 1 | G74 20VT/WT |
| 2 | P195 18LG/YL (EXCEPT BASE) |
| 3 | P72 18TN/GY (EXCEPT BASE) |
| 4 | X154 18GY/YL |
| 5 | X156 18GY/LB |
| 6 | P74 18TN/OR (EXCEPT BASE) |
| 7 | Q15 12OR/LB (EXCEPT BASE) |
| 8 | - |
| 9 | - |
| 10 | Z917 20BK |




**C301**

C301 - WHITE (PASSENGER DOOR SIDE)

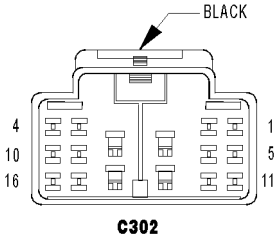
| CAV | CIRCUIT |
|---|---|
| 1 | G74 20VT/WT |
| 2 | P195 18LG/YL |
| 3 | P72 18TN/GY |
| 4 | X154 18GY/YL |
| 5 | X156 18GY/LB |
| 6 | P74 18TN/OR |
| 7 | Q15 14OR/LB |
| 8 | - |
| 9 | - |
| 10 | Z917 20BK |




C302

C302 - BLACK (BODY SIDE)

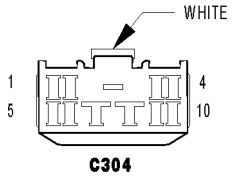
| CAV | CIRCUIT |
|---|---|
| 1 | F21 20PK/DG |
| 2 | - |
| 3 | - |
| 4 | G778 18VT/LB |
| 5 | - |
| 6 | G160 20VT/LG |
| 7 | Q16 12OR/TN |
| 8 | Q26 12OR/GY |
| 9 | - |
| 10 | P392 18LG/DB |
| 11 | Z939 20BK |
| 12 | - |
| 13 | C16 18DB/GY |
| 14 | - |
| 15 | - |
| 16 | - |




C302

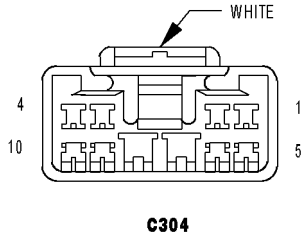
C302 - BLACK (PASSENGER DOOR SIDE)

| 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 | - |



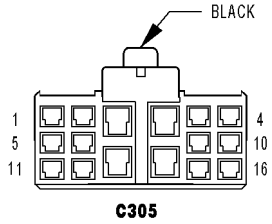

C304 - WHITE (BODY SIDE)

| 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 |



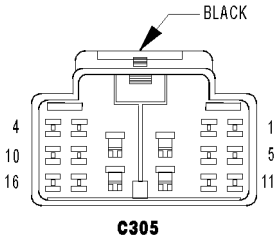

C304 - WHITE (DRIVER DOOR SIDE)

| 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)

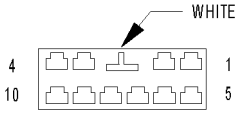
| CAV | CIRCUIT |
|---|---|
| 1 | C16 18DB/GY |
| 2 | Q411 14OR/WT (QUAD CAB) |
| 3 | Q611 14OR/GY (QUAD CAB) |
| 4 | P393 18LG |
| 5 | - |
| 6 | P1 18TN/LG |
| 7 | Z939 12BK |
| 8 | Q612 14OR/DB (QUAD CAB) |
| 9 | - |
| 10 | G161 20VT/DG |
| 11 | - |
| 12 | Q412 14OR/LB (QUAD CAB) |
| 13 | Q26 12OR/GY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




**C305**

C305 - BLACK (DRIVER DOOR SIDE)

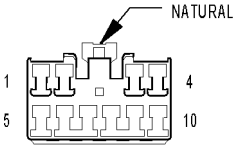
| CAV | CIRCUIT |
|---|---|
| 1 | C16 18DB/GY |
| 2 | Q411 14OR/WT |
| 3 | Q611 14OR/GY |
| 4 | P393 18LG |
| 5 | - |
| 6 | P1 18TN/LG |
| 7 | Z939 12BK |
| 8 | Q612 14OR/DB |
| 9 | - |
| 10 | G161 20VT/DG |
| 11 | - |
| 12 | Q412 14OR/LB |
| 13 | Q26 12OR/GY |
| 14 | Q16 12OR/TN |
| 15 | - |
| 16 |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




**C306**
**(QUAD CAB)**

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

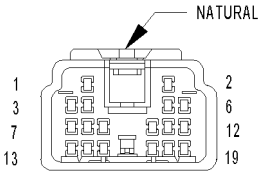
| CAV | CIRCUIT |
|---|---|
| 1 | Z917 20BK (EXCEPT SRT) |
| 1 | Z79 20LG/BK (SRT) |
| 2 | G77 20VT/GY |
| 3 | P393 18LG (EXCEPT BASE) |
| 4 | P5 18TN/OR (EXCEPT BASE) |
| 5 | Q15 14OR/LB (EXCEPT BASE) |
| 6 | Q411 14OR/WT (EXCEPT BASE) |
| 7 | Q611 14OR/GY (EXCEPT BASE) |
| 8 | X295 18GY/DG |
| 9 |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




**C306**
**(QUAD CAB)**

C306 (QUAD CAB) - NATURAL (BODY SIDE)

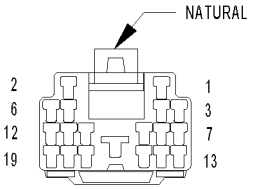
| CAV | CIRCUIT |
|---|---|
| 1 | Z917 20BK |
| 2 | G77 20VT/OR |
| 3 | P393 18LG (EXCEPT BASE) |
| 4 | P5 18TN/OR (EXCEPT BASE) |
| 5 | Q15 14OR/LB (EXCEPT BASE) |
| 6 | Q411 14OR/WT (EXCEPT BASE) |
| 7 | Q611 14OR/GY (EXCEPT BASE) |
| 8 | X295 18GY/DG |
| 9 | X205 18GY/LG |
| 10 | - |




**C308**

C308 - NATURAL (BODY SIDE)

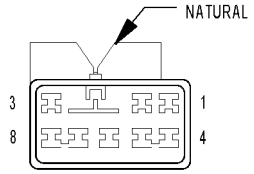
| CAV | CIRCUIT |
|---|---|
| 1 | G74 20VT/WT |
| 2 | - |
| 3 | D54 20WT |
| 4 | D55 20WT/OR |
| 5 | G160 20VT/LG (EXCEPT BASE) |
| 6 | G76 20VT/YL (QUAD CAB) |
| 7 | - |
| 8 | P392 18LG/DB (EXCEPT BASE) |
| 9 | G778 18VT/LB (EXCEPT BASE) |
| 10 | F21 20PK/DG (EXCEPT BASE) |
| 11 | - |
| 12 | - |
| 13 | - |
| 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)

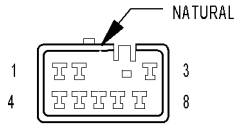
| CAV | CIRCUIT |
|---|---|
| 1 | G74 20VT/WT |
| 2 | - |
| 3 | D54 20WT |
| 4 | D55 20WT/OR |
| 5 | G160 20VT/LG |
| 6 | G76 20VT/YL |
| 7 | - |
| 8 | P392 18LG/DB (EXCEPT BASE) |
| 9 | G778 18VT/LB (EXCEPT BASE) |
| 10 | F21 20PK/DG (EXCEPT BASE) |
| 11 | - |
| 12 | - |
| 13 | - |
| 14 | X206 18DG/LG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




**C309**
**(EXCEPT BASE)**

C309 (EXCEPT BASE) - NATURAL (BODY SIDE)

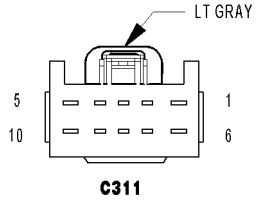
| CAV | CIRCUIT |
|---|---|
| 1 | P95 18LG/WT |
| 2 | P693 18LG/WT |
| 3 | X31 16GY/TN (SRT) |
| 4 | - |
| 5 | - |
| 6 | - |
| 7 | - |
| 8 | X30 16DG/TN (SRT) |




**C309**
**(EXCEPT BASE)**

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

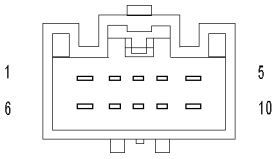
| CAV | CIRCUIT |
|---|---|
| 1 | P95 18LG/WT |
| 2 | P693 18LG/WT |
| 3 | X31 16GY/TN (SRT) |
| 4 | - |
| 5 | - |
| 6 | - |
| 7 | - |
| 8 | X30 16DG/TN (SRT) |




**C311**

C311 - LT GRAY (BODY SIDE)

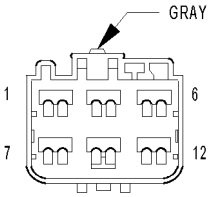
| CAV | CIRCUIT |
|---|---|
| 1 | Z939 12BK |
| 2 | - |
| 3 | Z917 20BK |
| 4 | P693 18LG/WT (SLT+/SRT) |
| 5 | F984 18PK/YL (QUAD CAB/EXCEPT BASE) |
| 6 | A405 18RD/DB |
| 7 | P95 18LG/WT (SLT+/SRT) |
| 8 | R57 20LG/GY |
| 9 | M228 20YL/LB (EXCEPT BASE) |
| 10 | A210 12OR/RD (EXCEPT BASE) |




C311

C311 - (DRIVER SEAT SIDE)

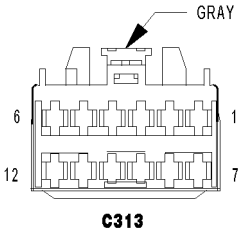
| CAV | CIRCUIT |
|---|---|
| 1 | Z939 12BK |
| 2 | - |
| 3 | Z917 20BK |
| 4 | P693 16RD/DB (SLT+/SRT) |
| 5 | F984 16PK/YL (QUAD CAB/EXCEPT BASE) |
| 6 | A405 16RD/DB |
| 7 | P95 16LG/WT (SLT+/SRT) |
| 8 | R57 20LG/WT |
| 9 | M228 18YL/LB (EXCEPT BASE) |
| 10 | A210 12OR/RD (EXCEPT BASE) |




C313

C313 - GRAY (DRIVER SEAT SIDE)

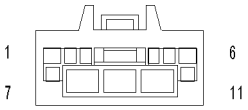
| CAV | CIRCUIT |
|---|---|
| 1 | A210 12OR/RD |
| 2 | - |
| 3 | P11 12LG/YL |
| 4 | P13 12LG/OR |
| 5 | P15 12LG/WT |
| 6 | P17 12LG/DG |
| 7 | P19 12LG/LB |
| 8 | P21 12LG/TN |
| 9 | Z939 14BK |
| 10 | - |
| 11 | - |
| 12 | - |




C313

C313 - GRAY (DRIVER SEAT SWITCH SIDE)

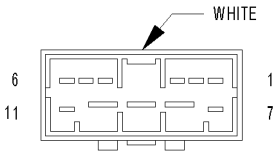
| CAV | CIRCUIT |
|---|---|
| 1 | A210 12OR/RD |
| 2 | - |
| 3 | P11 12LG/YL |
| 4 | P13 12LG/OR |
| 5 | P15 12LG/WT |
| 6 | P17 12LG/DG |
| 7 | P19 12LG/LB |
| 8 | P21 12LG/TN |
| 9 | Z939 14BK |
| 10 | - |
| 11 | - |
| 12 | - |




C315

C315 - (DRIVER SEAT SIDE)

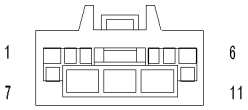
| CAV | CIRCUIT |
|---|---|
| 1 | R263 20LB/VT |
| 2 | - |
| 3 | - |
| 4 | P95 16LG/WT (HEATED SEATS) |
| 5 | R57 20LG/GY |
| 6 | Z917 20BK |
| 7 | R261 20LB/WT |
| 8 | Z939 14BK |
| 9 | A405 16RD/DB |
| 10 | A210 12OR/RD |
| 11 | - |




C315

C315 - WHITE (SEAT JUMPER SIDE)

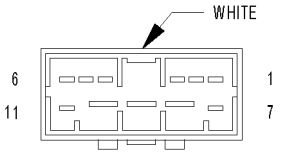
| CAV | CIRCUIT |
|---|---|
| 1 | R263 20LB/VT |
| 2 | - |
| 3 | - |
| 4 | P95 16LG/WT (HEATED SEATS) |
| 5 | R57 20LG/GY |
| 6 | Z917 20BK |
| 7 | R261 20LB/WT |
| 8 | Z939 14BK |
| 9 | A405 16RD/DB |
| 10 | A210 12OR/RD |
| 11 | - |




C316

C316 - (SEAT JUMPER SIDE)

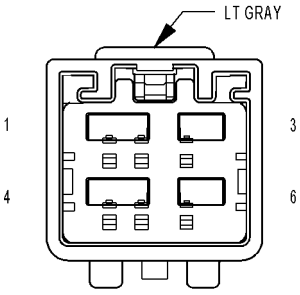
| CAV | CIRCUIT |
|---|---|
| 1 | - |
| 2 | P95 16LG/WT (HEATED SEATS) |
| 3 | R57 20LG/GY |
| 4 | Z917 20BK |
| 5 | - |
| 6 | R261 20LB/WT |
| 7 | R263 20LB/VT |
| 8 | A210 12OR/RD (POWER SEAT) |
| 9 | Z939 14BK (HEATED SEATS) |
| 10 | - |
| 11 | - |




**C316**

C316 - WHITE (PASSENGER SEAT SIDE)

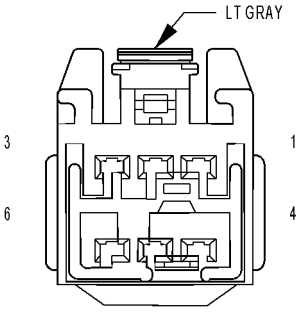
| CAV | CIRCUIT |
|---|---|
| 1 | - |
| 2 | P95 16YL/WT (HEATED SEATS) |
| 3 | - |
| 4 | - |
| 5 | - |
| 6 | R261 20LB/WT |
| 7 | R263 20LB/VT |
| 8 | A210 12OR/RD (POWER SEAT) |
| 9 | Z939 14BK (HEATED SEATS) |
| 10 | - |
| 11 | - |




**C319**

C319 - LT GRAY (CENTER CONSOLE SIDE)

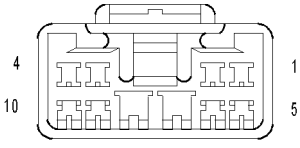
| CAV | CIRCUIT |
|---|---|
| 1 | A405 16BR |
| 2 | Z939 18BK |
| 3 | - |
| 4 | - |
| 5 | - |
| 6 | - |




**C319**

C319 - LT GRAY (SEAT JUMPER SIDE)

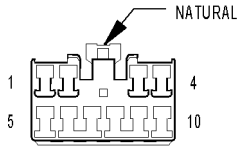
| CAV | CIRCUIT |
|---|---|
| 1 | A405 16RD/DB |
| 2 | Z939 14BK |
| 3 | F984 16PK/YL |
| 4 | - |
| 5 | M228 18YL/LB |
| 6 | - |




**C320**
**(QUAD CAB)**

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

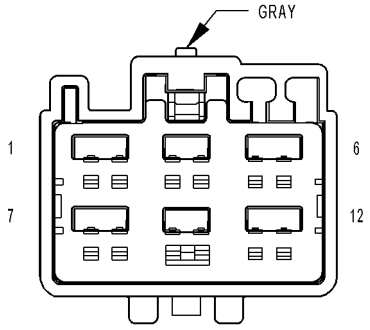
| CAV | CIRCUIT |
|---|---|
| 1 | Z72 20LG/BK |
| 2 | G76 20VT/GY |
| 3 | P392 18LG (EXCEPT BASE) |
| 4 | G778 18TN/OR (EXCEPT BASE) |
| 5 | Q15 14TN/LG (EXCEPT BASE) |
| 6 | Q412 14OR/WT (EXCEPT BASE) |
| 7 | Q612 14OR/GY (EXCEPT BASE) |
| 8 | X296 18GY/DG |
| 9 | X206 18GY/LG |
| 10 | - |




**C320**
**(QUAD CAB)**

C320 (QUAD CAB) - NATURAL (BODY SIDE)

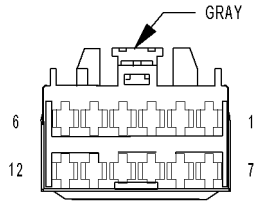
| CAV | CIRCUIT |
|---|---|
| 1 | Z917 20BK |
| 2 | G76 20TN/YL |
| 3 | P392 18LG/DB (EXCEPT BASE) |
| 4 | G778 18VT/LB (EXCEPT BASE) |
| 5 | Q15 14OR/LB (EXCEPT BASE) |
| 6 | Q412 14OR/LB (EXCEPT BASE) |
| 7 | Q612 14OR/DB (EXCEPT BASE) |
| 8 | X296 18DG/GY |
| 9 | X206 18DG/LG |
| 10 | - |




**C323**
**(EXCEPT HEATED SEATS)**

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

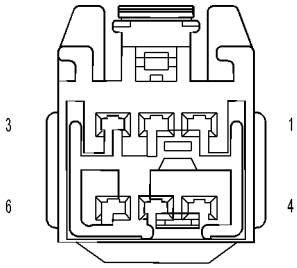
| CAV | CIRCUIT |
|---|---|
| 1 | A210 12OR/RD |
| 2 | - |
| 3 | P10 12LG/TN |
| 4 | P12 12LG/YL |
| 5 | P14 12LG/OR |
| 6 | P16 12LG/BR |
| 7 | P18 12LG/OR |
| 8 | P20 12LG/LB |
| 9 | Z939 14BK |
| 10 | - |
| 11 | - |
| 12 | - |




**C323**
**(EXCEPT HEATED SEATS)**

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

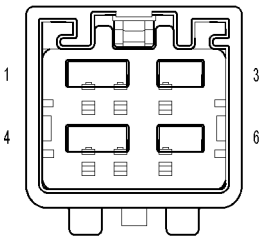
| CAV | CIRCUIT |
|---|---|
| 1 | A210 12OR/RD |
| 2 | - |
| 3 | P10 12LG/TN |
| 4 | P12 12LG/YL |
| 5 | P14 12LG/OR |
| 6 | P16 12LG/BR |
| 7 | P18 12LG/OR |
| 8 | P20 12LG/LB |
| 9 | Z939 14BK |
| 10 | - |
| 11 | - |
| 12 | - |




**C323**
**(HEATED SEATS)**

C323 (HEATED SEATS) - (PASSENGER SEAT SIDE)

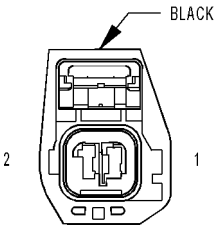
| CAV | CIRCUIT |
|---|---|
| 1 | P104 12LG |
| 2 | P106 12LG/WT |
| 3 | A210 12OR/RD |
| 4 | Z939 14BK |
| 5 | - |
| 6 | - |




**C323**
**(HEATED SEATS)**

C323 (HEATED SEATS) - (SEAT JUMPER SIDE)

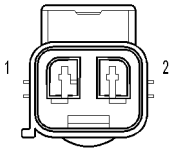
| CAV | CIRCUIT |
|---|---|
| 1 | P104 12LG |
| 2 | P106 12LG/WT |
| 3 | A210 12OR/RD |
| 4 | Z939 14BK |
| 5 | - |
| 6 | - |




**C327**
**(DUAL REAR WHEELS)**

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

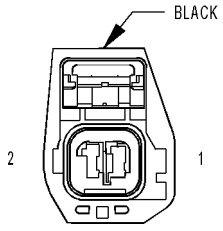
| CAV | CIRCUIT |
|---|---|
| 1 | L7 18WT/YL |
| 2 | Z927 20BK |




**C327**
**(DUAL REAR WHEELS)**

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

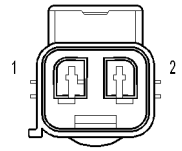
| CAV | CIRCUIT |
|---|---|
| 1 | L7 18WT/YL |
| 2 | Z947 18BK |




**C328 (DUAL REAR WHEELS)**

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

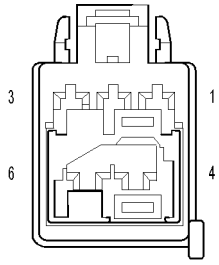
| CAV | CIRCUIT |
|---|---|
| 1 | L70 18WT/GY |
| 2 | Z927 20BK |




**C328 (DUAL REAR WHEELS)**

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

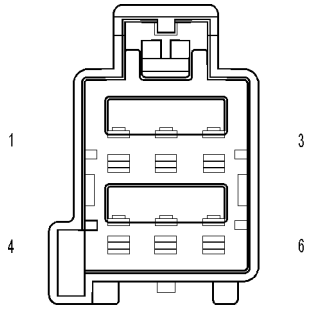
| CAV | CIRCUIT |
|---|---|
| 1 | L70 18WT/YL |
| 2 | Z948 18BK |




**C331 (5.7L/DIESEL)**

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

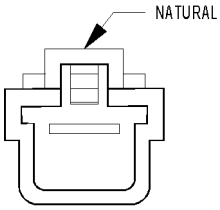
| CAV | CIRCUIT |
|---|---|
| 1 | K29 20WT/BR (5.7L) |
| 1 | K854 20VT/BR (DIESEL) |
| 2 | F856 20YL/PK (5.7L) |
| 2 | K29 20WT/BR (DIESEL) |
| 3 | F855 20PK/YL (5.7L) |
| 3 | K400 20BR/VT (DIESEL) |
| 4 | K400 20BR/VT (5.7L) |
| 4 | K167 20BR/YL (DIESEL) |
| 5 | K23 20BR/WT |
| 6 | K167 20BR/YL (5.7L)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




**C331 (5.7L/DIESEL)**

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

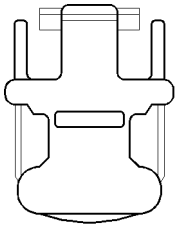
| CAV | CIRCUIT |
|---|---|
| 1 | K29 20WT/BR |
| 2 | F856 20YL/PK (5.7L) |
| 2 | K854 20VT/BR (DIESEL) |
| 3 | F855 20PK/YL (5.7L) |
| 3 | K852 20BR/LB (DIESEL) |
| 4 | K400 20BR/VT |
| 5 | K23 20BR/WT |
| 6 | K167 20BR/YL |




**C337**

C337 - NATURAL (BODY SIDE)

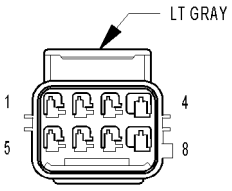
| CAV | CIRCUIT |
|---|---|
| 1 | C15 16BK |



**C337**

C337 - (ELECTRIC BACKLIGHT SIDE)

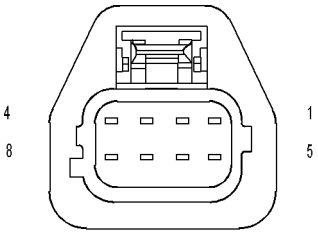
| CAV | CIRCUIT |
|---|---|
| 1 | C15 16DB/WT |




**C338 (SATELLITE RADIO STANDARD CAB)**

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

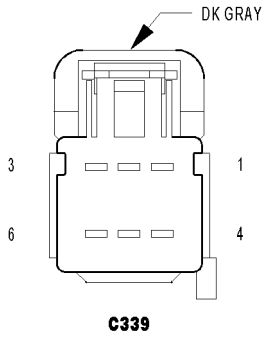
| CAV | CIRCUIT |
|---|---|
| 1 | X160 18GY/YL |
| 2 | X211 18YL/GY |
| 3 | Z966 18BK |
| 4 | X17 18DG/OR |
| 5 | D25 20WT/VT |
| 6 | D112 18WT/OR |
| 7 | X917 18DG |
| 8 | X16 18DG/YL |




**C338 (SATELLITE RADIO STANDARD CAB)**

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

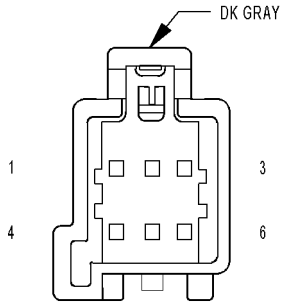
| CAV | CIRCUIT |
|---|---|
| 1 | X160 20GY/YL |
| 2 | X211 20GY/YL |
| 3 | Z966 20BK |
| 4 | X17 20GY/YL |
| 5 | D25 20GY/YL |
| 6 | D112 20GY/YL |
| 7 | X917 20GY/YL |
| 8 | X16 20GY/YL |




C339

C339 - DK GRAY (BODY SIDE)

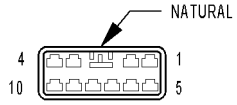
| CAV | CIRCUIT |
|---|---|
| 1 | R263 20LB/GY |
| 2 | A956 20RD |
| 3 | R261 20LB/TN |
| 4 | D54 20WT |
| 5 | D55 20WT/OR |
| 6 | Z105 18BK |




C339

C339 - DK GRAY (PASSENGER SEAT SIDE)

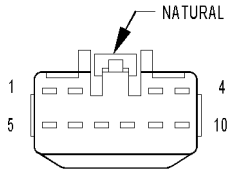
| CAV | CIRCUIT |
|---|---|
| 1 | R263 20LB/VT |
| 2 | - |
| 3 | R261 20LB/WT |
| 4 | - |
| 5 | - |
| 6 | - |




C340
(SUNROOF)

C340 (SUNROOF) - NATURAL (SUNROOF JUMPER SIDE)

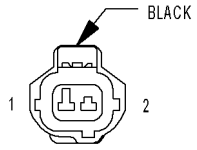
| CAV | CIRCUIT |
|---|---|
| 1 | Q6 20OR/LG |
| 2 | - |
| 3 | A310 14RD/LB |
| 4 | Q5 20OR/LB |
| 5 | Z964 14BK |
| 6 | D55 20WT/OR |
| 7 | D54 20WT |
| 8 | Q3 20OR/TN |
| 9 | Q4 20OR/YL |
| 10 | - |




**C340 (SUNROOF)**

C340 (SUNROOF) - NATURAL (HEADLINER SIDE)

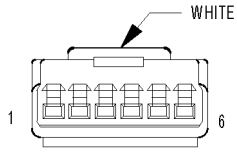
| CAV | CIRCUIT |
|---|---|
| 1 | Q6 20OR/LG |
| 2 | - |
| 3 | A310 14RD/LB |
| 4 | Q5 20OR/LB |
| 5 | Z964 14BK |
| 6 | D55 20WT/OR |
| 7 | D54 20WT |
| 8 | Q3 20WT/OR |
| 9 | Q4 20OR/YL |
| 10 | - |




**CAPACITOR-IGNITION (3.7L/4.7L)**

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

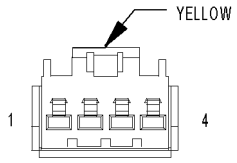
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 2 | - | - |




**CLOCKSPRING C1**

CLOCKSPRING C1 - WHITE 6 WAY

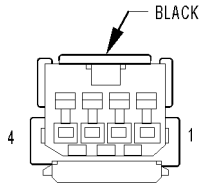
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z909 20BK (PREMIUM) | GROUND |
| 2 | X20 20GY/WT (PREMIUM) | RADIO CONTROL MUX |
| 3 | V38 20VT/OR (5.7L) | S/C SWITCH NO. 2 SIGNAL |
| 4 | V37 20VT | S/C SWITCH NO. 1 SIGNAL |
| 5 | K900 20VT/BR (3.7L/4.7L/DIESEL) | SENSOR GROUND |
| 5 | V937 20VT/BR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

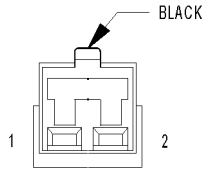
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R61 20LG/VT | DRIVER SQUIB 2 LINE 1 |
| 2 | R63 20LG/WT | DRIVER SQUIB 2 LINE 2 |
| 3 | R43 20LG/BR | DRIVER SQUIB 1 LINE 1 |
| 4 | R45 20LG/OR | DRIVER SQUIB 1 LINE 2 |




**CLOCKSPRING C3**

CLOCKSPRING C3 - BLACK 4 WAY

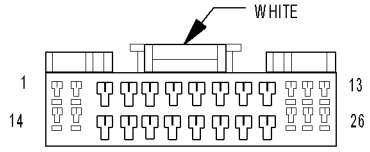
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X3 20DG/VT | HORN SWITCH SENSE |
| 2 | V937 22DB/DG (5.7L) | S/C SWITCH RETURN |
| 2 | V937 22DB/DG (5.7L) | S/C SWITCH RETURN |
| 2 | K900 22DB/DG (EXCEPT 5.7L) | SENSOR GROUND |
| 2 | K900 22DB/DG (EXCEPT 5.7L) | SENSOR GROUND |
| 3 | V37 22VT | S/C 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

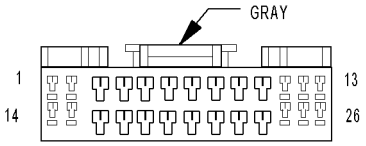
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G902 22WT/BR | SWITCH MUX RETURN |
| 1 | G902 22WT/BR | SWITCH MUX RETURN |
| 2 | X20 22GY/WT | RADIO CONTROL MUX |
| 2 | X20 22GY/WT | RADIO CONTROL MUX |




**CLUSTER C1**

CLUSTER C1 - WHITE 26 WAY

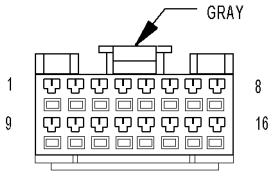
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P1 18TN/LG (EXCEPT BASE) | DOOR UNLOCK DRIVER LEFT FRONT |
| 2 | A941 18RD | FUSED B(+) |
| 3 | K32 18DB/YL | BTSI SOLENOID CONTROL |
| 4 | - | - |
| 5 | G95 20WT/BR (EXCEPT SRT) | NEUTRAL INDICATOR |
| 6 | - | - |
| 7 | E16 20OR/GY | PANEL LAMPS DRIVER |
| 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(+) |




**CLUSTER C3**

CLUSTER C3 - GRAY 26 WAY

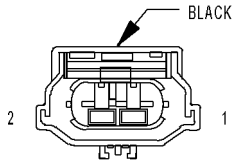
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G75 20VT | DRIVER DOOR AJAR SWITCH SENSE |
| 2 | G77 20VT/GY | LEFT REAR DOOR AJAR SWITCH SENSE |
| 3 | G76 20VT/YL | RIGHT REAR DOOR AJAR SWITCH SENSE |
| 4 | G74 20VT/WT | PASSENGER DOOR AJAR SWITCH SENSE |
| 5 | - | - |
| 6 | L914 20WT/LG | CARGO LAMP 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

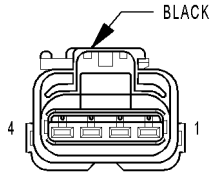
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G194 20VT/LG | WASH/BEAM SELECT SWITCH SIGNAL |
| 2 | G160 20VT/LG (EXCEPT BASE) | PASSENGER DOOR LOCK SWITCH MUX |
| 3 | G161 20VT/DG (EXCEPT BASE) | DRIVER DOOR LOCK SWITCH MUX |
| 4 | E2 20OR/BR | PANEL LAMPS DIMMER SIGNAL |
| 5 | L116 20WT/LG | HEADLAMP/FOG 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 | - | - |




**CLUTCH-A/C COMPRESSOR**

CLUTCH-A/C COMPRESSOR - BLACK 2 WAY

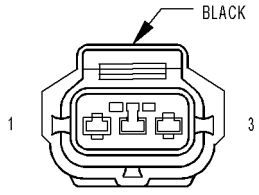
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C3 18DB/YL (DIESEL) | A/C CLUTCH CONTROL OUTPUT |
| 1 | C3 20DB/YL (NGC/SRT) | A/C CLUTCH CONTROL OUTPUT |
| 2 | Z816 18BK (DIESEL) | GROUND |
| 2 | Z153 20BK/GY (NGC) | GROUND |
| 2 | Z1 18BK (SRT) | GROUND |




**COIL-IGNITION-LEFT (SRT)**

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

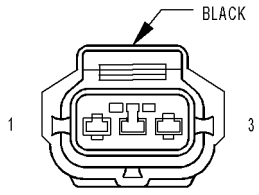
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K19 18DB/DG | COIL CONTROL NO. 1 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | K133 18DB/WT | COIL CONTROL NO. 4 |
| 4 | K134 18DB/YL | COIL CONTROL NO. 5 |




**COIL-IGNITION-NO. 1 (NGC)**

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

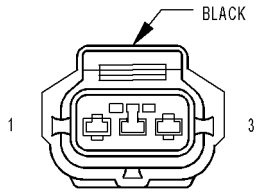
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K19 18DB/DG | COIL CONTROL NO. 1 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




**COIL-IGNITION-NO. 2 (NGC)**

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

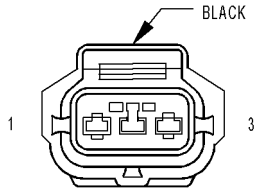
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K17 18DB/TN | COIL CONTROL NO. 2 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




**COIL-IGNITION-NO. 3 (NGC)**

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

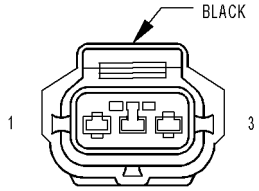
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K18 18DB/OR | COIL CONTROL NO. 3 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




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

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

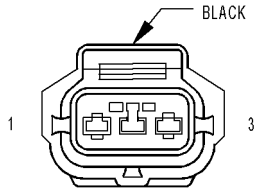
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K15 18DB/GY | COIL CONTROL NO. 4 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




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

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

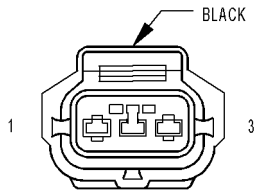
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K16 18DB/YL | COIL CONTROL NO. 5 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




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

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

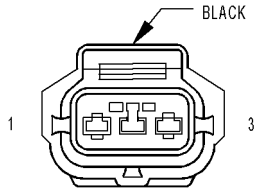
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K10 18DB/OR | COIL CONTROL NO. 6 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




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

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

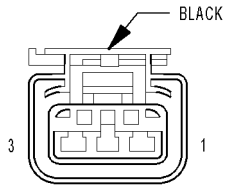
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K97 18DB/YL (4.7L) | COIL CONTROL NO. 7 |
| 1 | K97 18BR (5.7L) | COIL CONTROL NO. 7 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




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

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

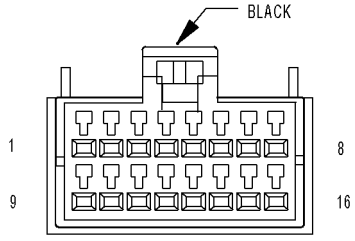
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K98 18DB/YL | COIL CONTROL NO. 8 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | - | - |




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

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

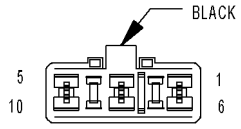
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K17 18DB/TN | COIL CONTROL NO. 2 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | K18 18DB/OR | COIL CONTROL NO. 3 |




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

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

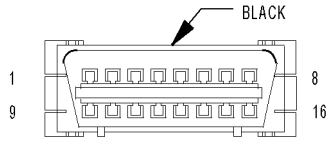
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F504 20GY/PK | FUSED IGNITION SWITCH OUTPUT (RUN) |
| 2 | Z24 20BK/OR | GROUND |
| 3 | A919 20RD (EXCEPT BASE) | FUSED B(+) |
| 4 | - | - |
| 5 | - | - |
| 6 | C21 20DB/LG | EVAPORATOR TEMPERATURE SENSOR SIGNAL |
| 7 | C121 20DB/DG | SENSOR GROUND |
| 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 (+) |




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

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

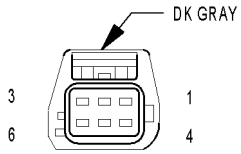
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | C71 16DB/BR | BLOWER MOTOR LOW DRIVER |
| 3 | C73 14DB/VT | BLOWER MOTOR M2 DRIVER |
| 4 | - | - |
| 5 | Z134 10BK/LG | GROUND |
| 6 | - | - |
| 7 | C72 16DB/OR | BLOWER MOTOR M1 DRIVER |
| 8 | - | - |
| 9 | - | - |
| 10 | C70 10DB/YL | BLOWER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




**DATA LINK CONNECTOR**

DATA LINK CONNECTOR - BLACK 16 WAY

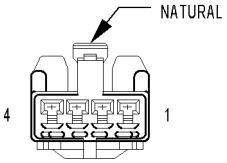
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | D25 20WT/VT (SRT) | PCI BUS |
| 3 | - | - |
| 4 | Z11 18BK/LG | GROUND |
| 5 | Z111 18BK/WT | GROUND |
| 6 | D52 20WT/LB | CAN C DIAGNOSTIC (+) |
| 7 | D21 18WT/BR (DIESEL) | SCI TRANSMIT (ECM) |
| 7 | D21 18WT/BR (GAS) | SCI TRANSMIT (PCM) |
| 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

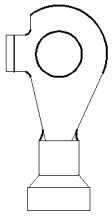
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K160 18BR/OR | PWM FAN COIL SIGNAL |
| 2 | N210 18DB/DG | FAN SPEED SENSOR SIGNAL |
| 3 | K161 18BR/LB | FAN SPEED SENSOR GROUND |
| 4 | - | - |
| 5 | K668 18BR | 5 VOLT SUPPLY |
| 6 | A212 18PK/YL | FUSED B(+) |




**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)**

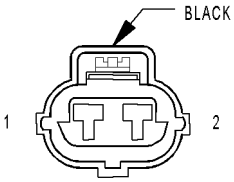
GENERATOR (EXCEPT SRT) - 1 WAY

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



GENERATOR (SRT) - 1 WAY

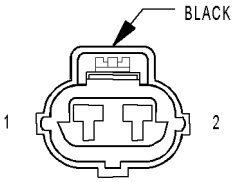
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A11 8LB | B(+) |




**GENERATOR (EXCEPT SRT)**

GENERATOR (EXCEPT SRT) - BLACK 2 WAY

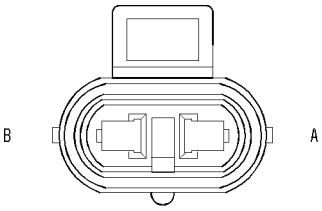
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z816 18BK (DIESEL) | GROUND |
| 1 | K20 18BR/GY (NGC) | GEN FIELD CONTROL |
| 2 | K20 18BR/GY (DIESEL) | GEN FIELD CONTROL |
| 2 | Z20 18BR/BK (NGC) | GROUND |




**GENERATOR (SRT)**

GENERATOR (SRT) - BLACK 2 WAY

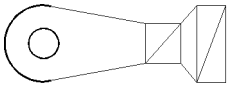
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K125 18BR/DG | GENERATOR SOURCE |
| 2 | K20 18BR/GY | GEN FIELD CONTROL |




**HEATER-
FUEL
(DIESEL)**

HEATER-FUEL (DIESEL) - 2 WAY

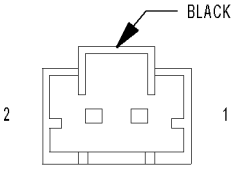
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Z902 14BK | GROUND |
| B | A961 14RD | FUEL HEATER CONTROL OUTPUT |



**HEATER-
INTAKE AIR
(DIESEL)**

HEATER-INTAKE AIR (DIESEL) - 1 WAY

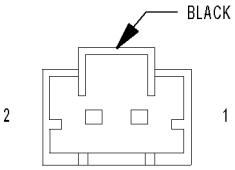
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A58 4BK | INTAKE AIR HEATER RELAY OUTPUT |




**HEATER-
SEAT BACK-
DRIVER**

HEATER-SEAT BACK-DRIVER - BLACK 2 WAY

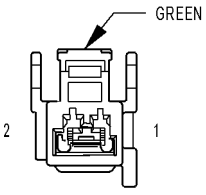
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z939 18BK | GROUND |
| 2 | P693 18RD | DRIVER SEAT HEATER SUPPLY |




**HEATER-
SEAT BACK-
PASSENGER**

HEATER-SEAT BACK-PASSENGER - BLACK 2 WAY

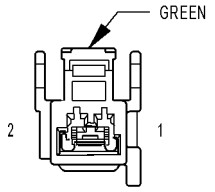
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z939 18BK | GROUND |
| 2 | P95 18RD | PASSENGER SEAT HEATER SUPPLY |




**HEATER-
SEAT
CUSHION-
DRIVER**

HEATER-SEAT CUSHION-DRIVER - GREEN 2 WAY

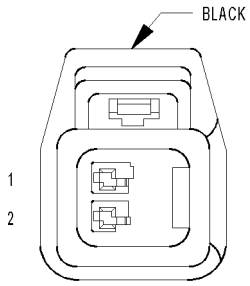
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P693 18RD/DB | DRIVER SEAT HEATER SUPPLY |
| 2 | Z939 18BK | GROUND |




**HEATER-SEAT CUSHION-PASSENGER**

HEATER-SEAT CUSHION-PASSENGER - GREEN 2 WAY

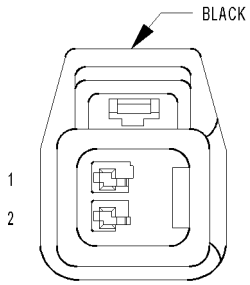
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P95 16LG/WT | PASSENGER SEAT HEATER SUPPLY |
| 2 | Z939 18BK | GROUND |




**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

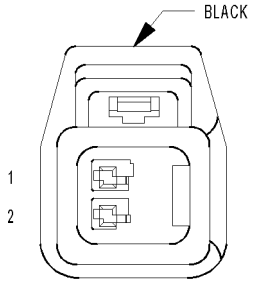
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X21 18GY/YL | HORN CONTROL OUTPUT |
| 2 | Z299 18BK/OR | GROUND |




**INJECTOR-FUEL-NO. 1 (DIESEL)**

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

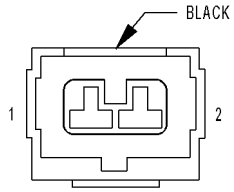
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K227 14BK | INJECTOR HIGH SIDE DRIVER-BANK 1 |
| 2 | K11 14BK | INJECTOR CONTROL NO. 1 |




**INJECTOR-FUEL-NO. 1 (NGC)**

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

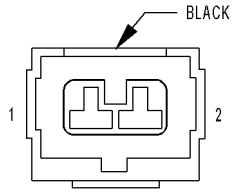
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K11 18BR/YL | INJECTOR CONTROL NO. 1 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**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

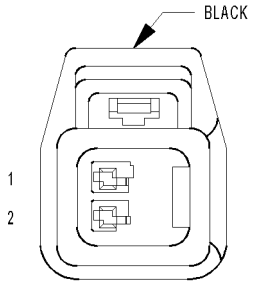
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K116 18BR/LG | INJECTOR CONTROL NO. 10 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




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

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

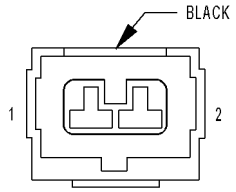
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K227 14BK | INJECTOR HIGH SIDE DRIVER-BANK 1 |
| 2 | K12 14BK | INJECTOR CONTROL NO. 2 |




**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

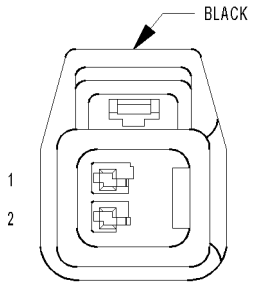
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K12 18BR/DB | INJECTOR CONTROL NO. 2 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 3 (DIESEL)**

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

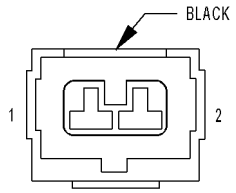
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K227 14BK | INJECTOR HIGH SIDE DRIVER-BANK 1 |
| 2 | K13 14BK | INJECTOR CONTROL NO. 3 |




**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

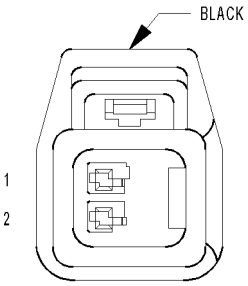
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K13 18BR/LB | INJECTOR CONTROL NO. 3 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 4 (DIESEL)**

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

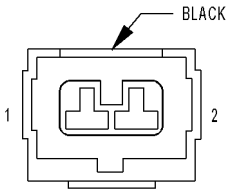
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K229 14BK | INJECTOR HIGH SIDE DRIVER-BANK 2 |
| 2 | K14 14BK | INJECTOR CONTROL NO. 4 |




**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

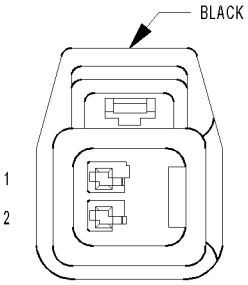
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K14 18BR/TN | INJECTOR CONTROL NO. 4 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 5 (DIESEL)**

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

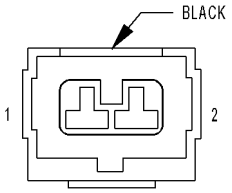
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K229 14BK | INJECTOR HIGH SIDE DRIVER-BANK 2 |
| 2 | K38 14BK | INJECTOR CONTROL NO. 5 |




**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 |




**INJECTOR-FUEL-NO. 5 (SRT)**

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

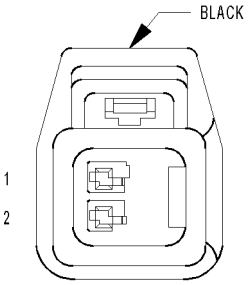
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K38 18BR/OR | INJECTOR CONTROL NO. 5 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 6 (DIESEL)**

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

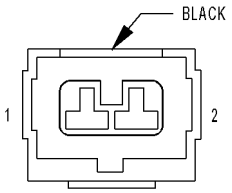
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K229 14BK | INJECTOR HIGH SIDE DRIVER-BANK 2 |
| 2 | K58 14BK | INJECTOR CONTROL NO. 6 |




**INJECTOR-FUEL-NO. 6 (NGC)**

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

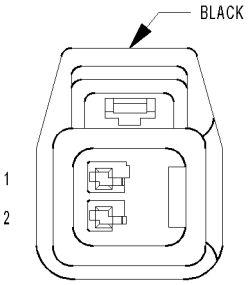
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K58 18BR/VT | INJECTOR CONTROL NO. 6 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 6 (SRT)**

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

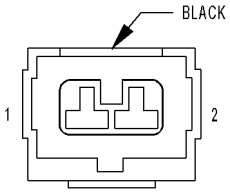
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K58 18BR/VT | INJECTOR CONTROL NO. 6 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 7 (NGC)**

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

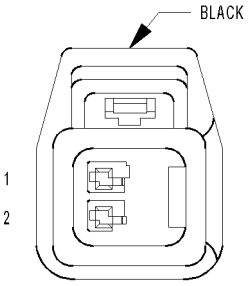
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K26 18BR/YL | INJECTOR CONTROL NO. 7 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 7 (SRT)**

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

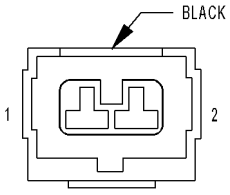
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K26 18BR/YL | INJECTOR CONTROL NO. 7 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 8 (NGC)**

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

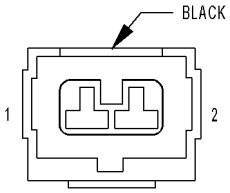
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K28 18BR/LB | INJECTOR CONTROL NO. 8 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 8 (SRT)**

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

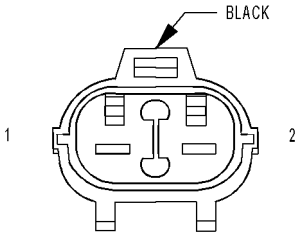
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K28 18BR/LB | INJECTOR CONTROL NO. 8 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**INJECTOR-FUEL-NO. 9 (SRT)**

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

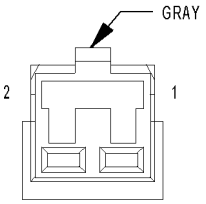
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K115 18BR | INJECTOR CONTROL NO. 9 |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |




**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**

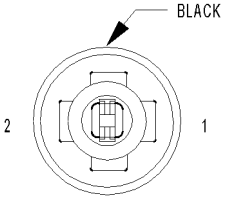
LAMP-CENTER BEZEL - GRAY 2 WAY

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

**CONNECTOR NOT AVAILABLE**

LAMP-CHMSL-AFTERMARKET - 1 WAY

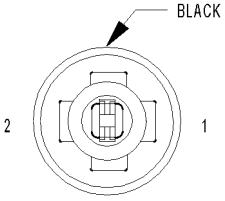
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L50 18 WT/TN | BRAKE LAMP SWITCH OUTPUT |




**LAMP-CLEARANCE NO. 1 (HD)**

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

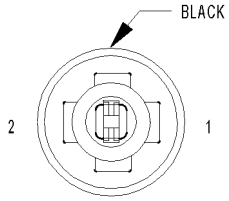
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 20WT/GY | FUSED PARK LAMP FEED |
| 2 | Z946 20BK | GROUND |




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

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

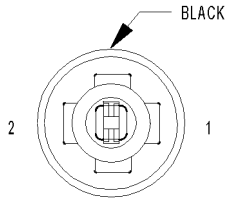
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 20WT/GY | FUSED PARK LAMP FEED |
| 2 | Z946 20BK | GROUND |




**LAMP-CLEARANCE NO. 3 (HD)**

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

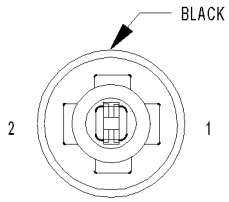
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 20WT/GY | FUSED PARK LAMP FEED |
| 2 | Z946 20BK | GROUND |




**LAMP-CLEARANCE NO. 4 (HD)**

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

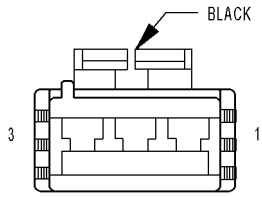
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 20WT/GY | FUSED PARK LAMP FEED |
| 2 | Z946 20BK | GROUND |




**LAMP-CLEARANCE NO. 5 (HD)**

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

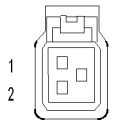
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 20WT/GY | FUSED PARK LAMP FEED |
| 2 | Z946 20BK | GROUND |




**LAMP-DOME-REAR**

LAMP-DOME-REAR - BLACK 3 WAY

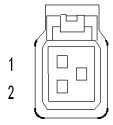
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | M288 20YL/GY (LIGHT PACKAGE) | READING LAMPS DRIVER |
| 2 | M20 20YL/LB | COURTESY LAMPS DRIVER |
| 3 | Z964 20BK | GROUND |




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

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

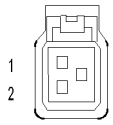
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z947 18BK | GROUND |




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

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

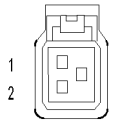
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z948 18BK | GROUND |




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

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

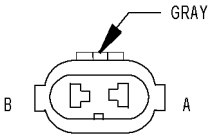
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z947 18BK | GROUND |




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

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

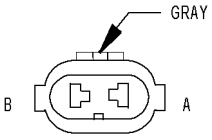
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z948 18BK | GROUND |




**LAMP-FOG-
LEFT FRONT**

LAMP-FOG-LEFT FRONT - GRAY 2 WAY

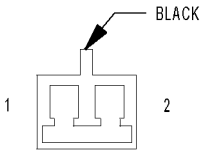
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Z926 18BK | GROUND |
| B | L89 18WT/YL | FOG LAMP CONTROL OUTPUT |




**LAMP-FOG-RIGHT FRONT**

LAMP-FOG-RIGHT FRONT - GRAY 2 WAY

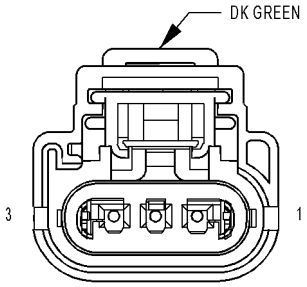
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Z926 18BK | GROUND |
| B | L89 18WT/YL | FOG LAMP CONTROL OUTPUT |




**LAMP-GLOVE BOX**

LAMP-GLOVE BOX - BLACK 2 WAY

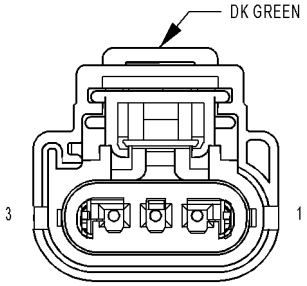
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z328 20BK/TN | GROUND |
| 2 | M228 20YL/LB | GLOVE BOX LAMP DRIVER |




**LAMP-HEADLAMP-LEFT**

LAMP-HEADLAMP-LEFT - DK GREEN 3 WAY

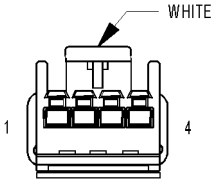
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L43 20WT/DB | LEFT LOW BEAM DRIVER |
| 2 | Z345 20BK/LB | GROUND |
| 3 | L33 20WT/LG | LEFT HIGH BEAM DRIVER |




**LAMP-HEADLAMP-RIGHT**

LAMP-HEADLAMP-RIGHT - DK GREEN 3 WAY

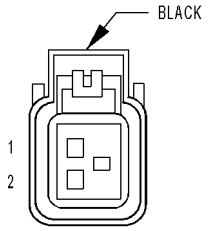
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L44 20WT/TN | RIGHT LOW BEAM DRIVER |
| 2 | Z346 18BK/LG | GROUND |
| 3 | L34 20WT/GY | RIGHT HIGH BEAM DRIVER |




**LAMP-HIGH MOUNTED STOP/CARGO**

LAMP-HIGH MOUNTED STOP/CARGO - WHITE 4 WAY

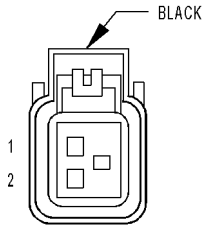
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L14 20WT/TN | CARGO LAMP DRIVER |
| 2 | Z964 20BK | GROUND |
| 3 | Z964 20 BK | GROUND |
| 4 | L50 20WT/TN | BRAKE LAMP SWITCH OUTPUT |




**LAMP-
LICENSE-
LEFT**

LAMP-LICENSE-LEFT - BLACK 2 WAY

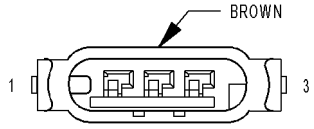
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z927 18BK | GROUND |




**LAMP-
LICENSE-
RIGHT**

LAMP-LICENSE-RIGHT - BLACK 2 WAY

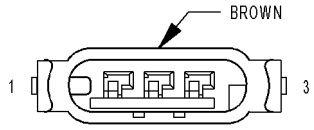
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z927 18BK | GROUND |




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

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

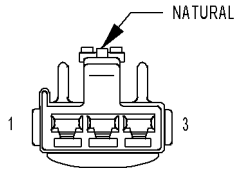
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L61 20WT/LG | LEFT FRONT TURN LAMP DRIVER |
| 2 | L7 20WT/YL | FUSED PARK LAMP FEED |
| 3 | Z377 20BK/BR | GROUND |




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

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

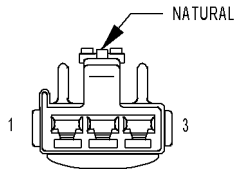
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L60 18WT/TN | RIGHT FRONT TURN LAMP DRIVER |
| 2 | L70 18WT/GY | FUSED PARK LAMP FEED |
| 3 | Z378 18BK (EXCEPT SRT) | GROUND |
| 3 | Z378 18BK/TN (SRT) | GROUND |




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

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

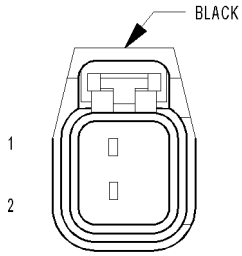
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | M288 20YL/GY | READING LAMPS DRIVER |
| 2 | Z964 20BK | GROUND |
| 3 | M20 20YL/LB | COURTESY LAMPS DRIVER |




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

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

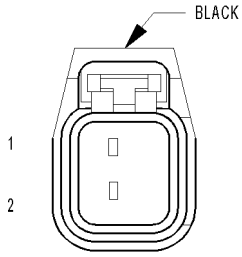
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | M288 20YL/GY | READING LAMPS DRIVER |
| 2 | Z964 20BK | GROUND |
| 3 | M20 20YL/LB | COURTESY LAMPS DRIVER |




**LAMP-
SIDE
MARKER-
LEFT
FRONT**

LAMP-SIDE MARKER-LEFT FRONT - BLACK 2 WAY

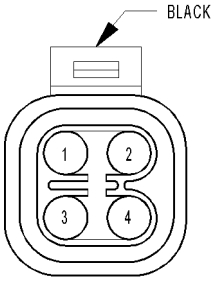
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 20WT/YL | FUSED PARK LAMP FEED |
| 2 | Z958 20BK | GROUND |




**LAMP-
SIDE
MARKER-
RIGHT
FRONT**

LAMP-SIDE MARKER-RIGHT FRONT - BLACK 2 WAY

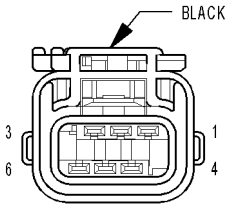
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 20WT/GY | FUSED PARK LAMP FEED |
| 2 | Z959 18BK | GROUND |




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

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

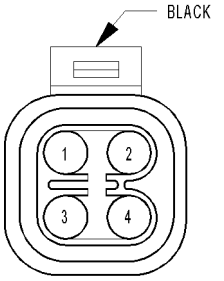
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 18WT/YL | FUSED PARK LAMP FEED |
| 2 | Z363 18BK/DG | GROUND |
| 3 | L63 18WT/DG | LEFT REAR TURN LAMP DRIVER |
| 4 | L1 18WT/LG | BACKUP LAMP FEED |




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

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

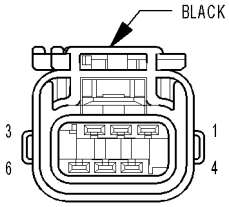
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L7 18WT/YL | FUSED PARK LAMP FEED |
| 2 | - | - |
| 3 | Z363 18BK/DG | |
| 4 | L50 18WT/TN | BRAKE LAMP SWITCH OUTPUT |
| 5 | L63 18WT/DG | LEFT REAR TURN LAMP DRIVER |
| 6 | L1 18WT/LG | BACKUP LAMP FEED |




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

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

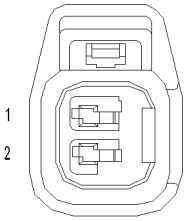
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 18WT/GY | FUSED PARK LAMP FEED |
| 2 | Z927 16BK | GROUND |
| 3 | L62 18WT/YL | RIGHT REAR TURN LAMP DRIVER |
| 4 | L1 18WT/LG | BACKUP LAMP FEED |




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

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

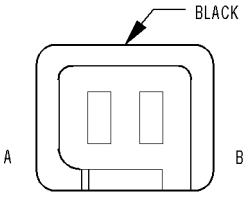
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L70 18WT/GY | FUSED PARK LAMP FEED |
| 2 | - | - |
| 3 | Z927 18BK | GROUND |
| 4 | L50 18WT/TN | BRAKE LAMP SWITCH OUTPUT |
| 5 | L62 18WT/YL | RIGHT REAR TURN LAMP DRIVER |
| 6 | L1 18WT/LG | BACKUP LAMP FEED |




**LAMP-
UNDERHOOD
(SRT)**

LAMP-UNDERHOOD (SRT) - 2 WAY

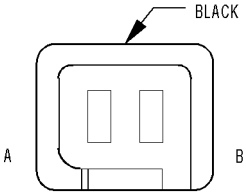
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z470 20BK/LB | GROUND |
| 2 | A114 18GY/RD | FUSED B(+) |




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

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

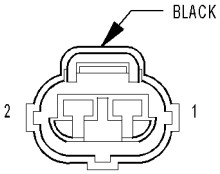
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | M288 20YL/GY | READING LAMPS DRIVER |
| B | Z964 20BK | GROUND |




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

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

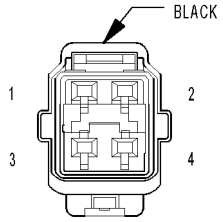
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | M288 20YL/GY | READING LAMPS DRIVER |
| B | Z964 20BK | GROUND |




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

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

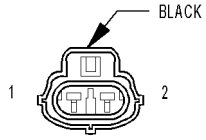
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G75 20VT | DRIVER DOOR AJAR SWITCH SENSE |
| 2 | Z917 20BK | GROUND |




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

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

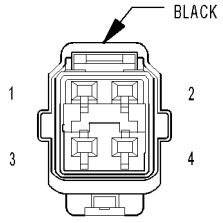
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G75 20VT | DRIVER DOOR AJAR SWITCH SENSE |
| 2 | Z917 20BK | GROUND |
| 3 | P1 18TN/LG | DOOR UNLOCK DRIVER LEFT FRONT |
| 4 | P393 18LG | DOOR LOCK DRIVER LEFT DOORS |




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

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

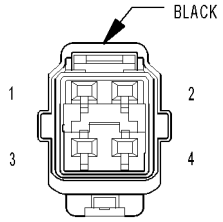
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G77 20VT/GY | LEFT REAR DOOR AJAR SWITCH SENSE |
| 2 | Z917 20BK | GROUND |




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

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

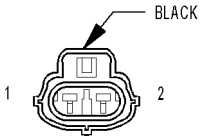
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G77 20VT/GY | LEFT REAR DOOR AJAR SWITCH SENSE |
| 2 | Z917 20BK | GROUND |
| 2 | Z79 20LG/BK | GROUND |
| 3 | P5 18TN/OR | DOOR UNLOCK DRIVER LEFT REAR |
| 4 | P393 18LG | DOOR LOCK DRIVER LEFT DOORS |




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

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

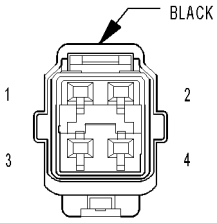
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G74 20VT/WT | PASSENGER DOOR AJAR SWITCH SENSE |
| 2 | Z917 20BK | GROUND |
| 3 | G778 18VT/LB | DOOR UNLOCK DRIVER RIGHT DOORS |
| 4 | P392 18LG/DB | DOOR LOCK DRIVER RIGHT DOORS |




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

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

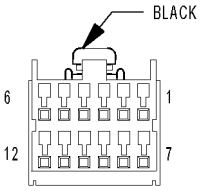
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G76 20VT/GY | RIGHT REAR DOOR AJAR SWITCH SENSE |
| 2 | Z72 20LG/BK | GROUND |




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

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

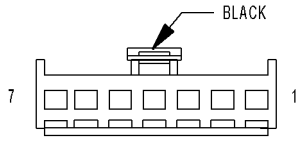
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G76 20VT/GY | RIGHT REAR DOOR AJAR SWITCH SENSE |
| 2 | Z72 20LG/BK | GROUND |
| 3 | G778 18TN/OR | DOOR UNLOCK DRIVER RIGHT DOORS |
| 4 | P392 18LG | DOOR LOCK DRIVER RIGHT DOORS |




**MEDIA
SYSTEM-
MONITOR/DVD**

MEDIA SYSTEM-MONITOR/DVD - BLACK 12 WAY

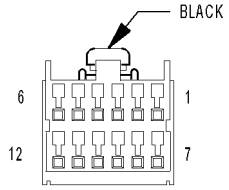
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X510 20DG/LB | RIGHT AUDIO AUX |
| 2 | X916 20GY/OR | SDARS AUDIO RETURN |
| 3 | X521 20GY/LB | LEFT AUDIO AUX |
| 4 | - | |
| 5 | - | |
| 6 | A118 18RD/OR | FUSED B(+) |
| 7 | X511 20GY/LG | LEFT AUDIO AUX |
| 8 | X910 20GY/DG | AUX AUDIO RETURN/COMMON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




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

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

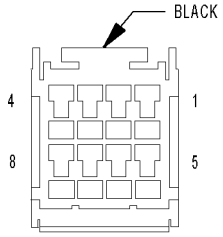
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F21 20PK/DG | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 2 | Z944 20BK | GROUND |
| 3 | L1 20WT/LG | BACKUP LAMP FEED |
| 4 | - | - |
| 5 | - | - |
| 6 | - | - |
| 7 | - | - |




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

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

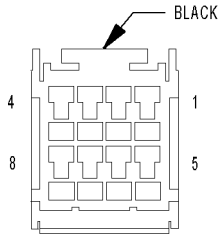
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | - | - |
| 4 | X722 20LB/DG | MICROPHONE 2 IN (+) |
| 5 | - | - |
| 6 | X712 20DG/LB | MICROPHONE 1 IN (+) |
| 7 | X793 20DG/YL | MICROPHONE FEED |
| 8 | - | - |
| 9 | X730 20GY/YL | VOICE RECOGNITION/PHONE SWITCH SIGNAL |
|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




**MIRROR-
OUTSIDE
REARVIEW-
DRIVER**

MIRROR-OUTSIDE REARVIEW-DRIVER - BLACK 8 WAY

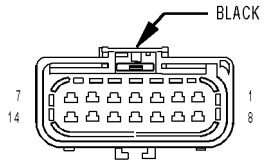
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C16 18DB/GY | HEATED MIRROR CONTROL OUTPUT |
| 2 | P195 18LG/YL | LEFT MIRROR COMMON DRIVER (RIGHT/DOWN) |
| 3 | P75 18TN/LG | DRIVER MIRROR HORIZONTAL DRIVER |
| 4 | P71 18TN/DG | DRIVER MIRROR VERTICAL DRIVER |
| 5 | Z939 20BK | GROUND |
| 6 | - | -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




**MIRROR-OUTSIDE REARVIEW-PASSENGER**

MIRROR-OUTSIDE REARVIEW-PASSENGER - BLACK 8 WAY

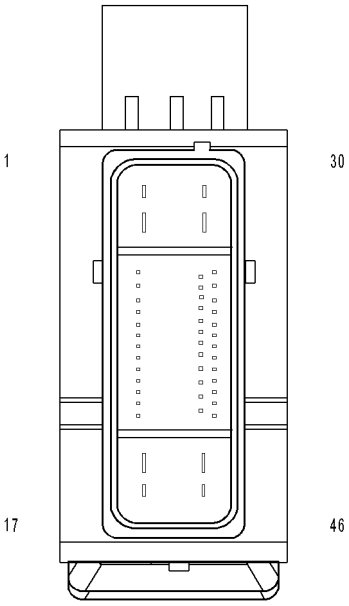
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C16 18DB/GY | HEATED MIRROR CONTROL OUTPUT |
| 2 | P195 18LG/YL | LEFT MIRROR COMMON DRIVER (RIGHT/DOWN) |
| 3 | P74 18TN/OR | RIGHT MIRROR LEFT DRIVER |
| 4 | P72 18TN/GY | RIGHT MIRROR UP DRIVER |
| 5 | Z939 20BK | GROUND |
| 6 | - | - |
| 7 | - | -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




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

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

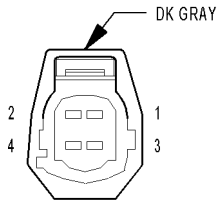
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | B222 18DG/WT | REAR WHEEL SPEED SENSOR (+) |
| 2 | D65 18WT/LG | CAN C BUS (+) |
| 3 | D64 18WT/LB | CAN C BUS (-) |
| 4 | F202 18PK/GY | FUSED IGNITION SWITCH OUTPUT (RUN) |
| 5 | B9 18DG/LG (5.7L) | LEFT FRONT WHEEL SPEED SENSOR (+) |
| 6 | Z107 14BK/DG | 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 | - | - |




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

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

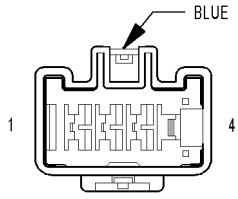
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | A111 14DG/RD | FUSED B(+) |
| 3 | D65 20WT/LG | CAN C BUS (+) |
| 4 | - | - |
| 5 | - | - |
| 6 | B29 20DG/WT | BRAKE SWITCH NO. 1 SIGNAL |
| 7 | - | - |
| 8 | - | - |
| 9 | - | - |
| 10 | - | - |
| 11 | - | - |
| 12 | B9 20DG/LG | LEFT FRONT 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 | - | - |




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

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

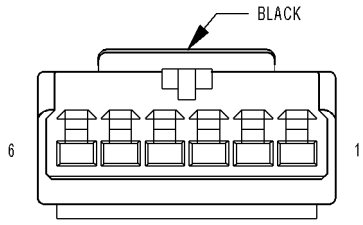
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z906 20BK | GROUND |
| 2 | G304 20VT/DB | FRONT AXLE LOCK CONTROL |
| 3 | A880 20DB/RD | FUSED B(+) |
| 4 | G303 20VT/DG | FRONT AXLE LOCK SIGNAL |




**MODULE-
BRAKE
PROVISION**

MODULE-BRAKE PROVISION - BLUE 4 WAY

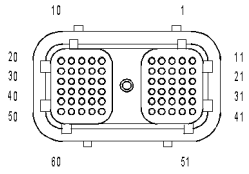
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z998 18BK | GROUND |
| 2 | L50 18WT/TN | BRAKE LAMP SWITCH OUTPUT |
| 3 | B40 14DG | TRAILER TOW BRAKE B(+) |
| 4 | A400 14TN/RD | FUSED B(+) |




**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 | - | |



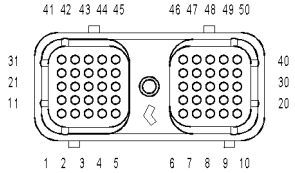

**MODULE-
ENGINE
CONTROL C1**

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 |

MODULE-ENGINE CONTROL C1 - 60 WAY

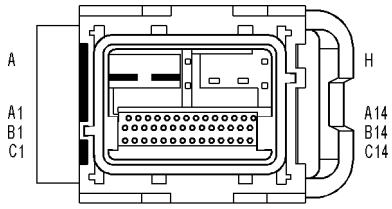
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 18 | - | - |
| 19 | K604 18BR/TN | FUEL PUMP SOLENOID CONTROL |
| 20 | K315 18TN/OR (A/T) | TTVA MOTOR (-) |
| 21 | K161 18BR/LB | FAN SPEED SENSOR GROUND |
| 22 | K24 18BR/LB | CKP SIGNAL |
| 23 | K200 18BR/YL | SENSOR GROUND |
| 24 | K44 18DB/GY | CMP SIGNAL |
| 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 | - | - |




**MODULE-
ENGINE
CONTROL C2**

MODULE-ENGINE CONTROL C2 - 50 WAY

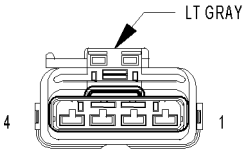
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | K23 18BR/WT | APPS NO. 1 SIGNAL |
| 4 | - | - |
| 5 | T515 18YL/DB (A/T) | TRANSMISSION CONTROL |
| 6 | K174 18BR/YL | INTAKE AIR HEATER RELAY CONTROL |
| 7 | K31 18BR | FUEL PUMP CONTROL |
| 8 | - | - |
| 9 | T41 18YL/DB (A/T) | 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 |




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

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

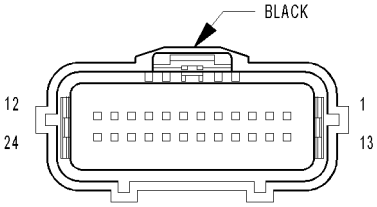
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | - | - |
| A1 | T521 20YL/BK | LOCKER SENSOR SUPPLY |
| A2 | T537 20YL/LG | LOCKER SWITCH SUPPLY |
| A3 | T523 20YL/TN | LOCKER SENSOR SUPPLY |
| A4 | - | - |
| A5 | - | - |
| A6 | D65 20WT/LG | CAN C BUS (+) |
| A7 | D64 20WT/LB | CAN C BUS (-) |
| A8 | 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 |




**MODULE-
FUEL PUMP**

MODULE-FUEL PUMP - LT GRAY 4 WAY

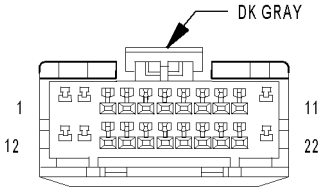
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z927 12BK | GROUND |
| 2 | Z210 18BK | GROUND |
| 3 | N4 18DB/WT | FUEL LEVEL SENSOR SIGNAL |
| 4 | A109 14OR/RD | FUEL PUMP CONTROL OUTPUT |




**MODULE-
GATEWAY
(SRT)**

MODULE-GATEWAY (SRT) - BLACK 24 WAY

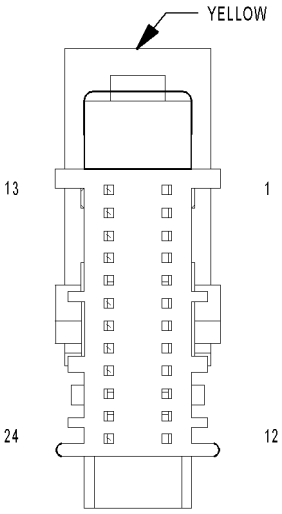
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | D25 18WT/VT | PCI BUS |
| 3 | - | - |
| 4 | - | - |
| 5 | - | - |
| 6 | - | - |
| 7 | - | - |
| 8 | D65 20WT/LG | CAN C BUS (+) |
| 9 | D64 20WT/LB | CAN C BUS (-) |
| 10 | - | - |
| 11 | - | - |
| 12 | - | - |
| 13 | F21 20PK/DG | FUSED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




**MODULE-
HANDS FREE**

MODULE-HANDS FREE - DK GRAY 22 WAY

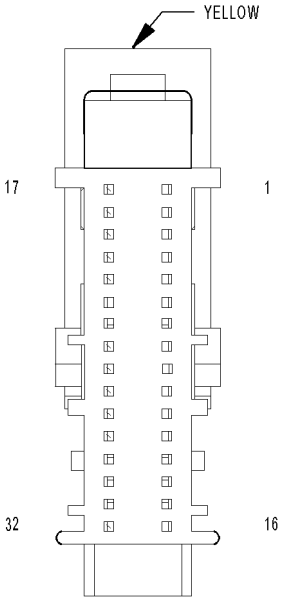
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A114 18GY/RD | FUSED B(+) |
| 2 | - | - |
| 3 | - | - |
| 4 | D54 20WT | CAN B BUS (-) |
| 5 | X722 20LB/DG | MICROPHONE 2 IN (+) |
| 6 | - | - |
| 7 | - | - |
| 8 | X716 20GY/TN | LEFT AUDIO OUTPUT |
| 9 | X776 20TN/GY | RIGHT AUDIO OUTPUT |
| 10 | X795 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

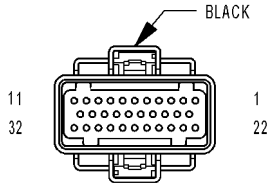
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | D55 20WT/OR | CAN B BUS (+) |
| 4 | D54 20WT | CAN B BUS (-) |
| 5 | - | - |
| 6 | G104 20VT/GY | PASSENGER AIRBAG INDICATOR DRIVER |
| 7 | R104 20LB/LG | PASSENGER AIRBAG MUX SWITCH RETURN |
| 8 | R106 20LG/LB | PASSENGER AIRBAG 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 |




**MODULE-OCCUPANT RESTRAINT CONTROLLER C2**

MODULE-OCCUPANT RESTRAINT CONTROLLER C2 - YELLOW 32 WAY

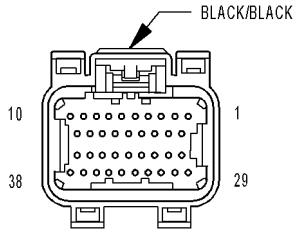
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | - | - |
| 6 | - | - |
| 7 | - | - |
| 8 | - | - |
| 9 | R53 20LG/YL | DRIVER SEAT BELT TENSIONER LINE 2 |
| 10 | R55 20LG/DG | DRIVER SEAT BELT TENSIONER LINE 1 |
| 11 | R56 20LB/DG | PASSENGER SEAT 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 | - | - |




**MODULE-POWERTRAIN CONTROL C1 (SRT)**

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

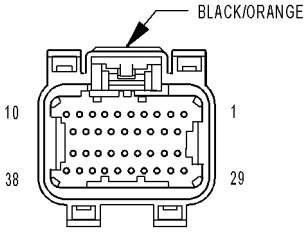
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K133 18DB/WT | COIL CONTROL NO. 4 |
| 2 | F202 18PK/GY | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 3 | K18 18DB/OR | COIL CONTROL NO. 3 |
| 4 | K900 18DB/DG | SENSOR GROUND |
| 5 | K134 18DB/YL | COIL CONTROL NO. 5 |
| 6 | T41 18YL/DB (A/T) | PARK/NEUTRAL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




**MODULE-POWERTRAIN CONTROL C1 (NGC)**

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

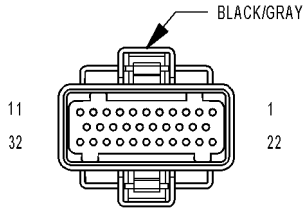
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K98 18DB/YL (EXCEPT 3.7L) | COIL CONTROL NO. 8 |
| 2 | - | - |
| 3 | K97 18DB/YL (4.7L) | COIL CONTROL NO. 7 |
| 3 | K97 18BR (5.7L) | COIL CONTROL NO. 7 |
| 4 | K28 18BR/LB (EXCEPT 3.7L) | INJECTOR CONTROL NO. 8 |
| 5 | K26 18BR/YL (EXCEPT 3.7L) | INJECTOR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




**MODULE-POWERTRAIN CONTROL C2 (NGC)**

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

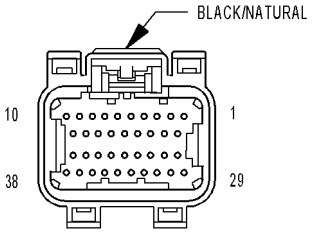
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K10 18DB/OR | COIL CONTROL NO. 6 |
| 2 | K16 18DB/YL | COIL CONTROL NO. 5 |
| 3 | K15 18DB/GY | COIL CONTROL NO. 4 |
| 4 | K58 18BR/VT | INJECTOR CONTROL NO. 6 |
| 5 | K38 18BR/OR | INJECTOR CONTROL NO. 5 |
| 6 | K447 20TN/YL (5.7L) | ETC MOTOR (+) |
| 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 (-) |




**MODULE-POWERTRAIN CONTROL C2 (SRT)**

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

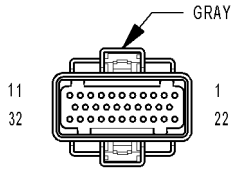
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T54 18DG/OR (A/T) | TRANSMISSION TEMPERATURE SENSOR SIGNAL |
| 2 | K26 18BR/YL | INJECTOR CONTROL NO. 7 |
| 3 | K115 18BR | INJECTOR CONTROL NO. 9 |
| 4 | K11 18BR/YL | INJECTOR CONTROL NO. 1 |
| 5 | K13 18BR/LB | INJECTOR CONTROL NO. 3 |
| 6 | K38 18BR/OR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




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

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

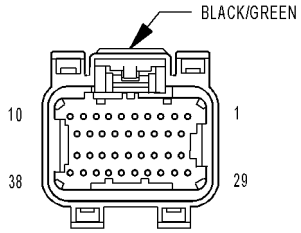
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | K51 20BR/WT | ASD CONTROL |
| 4 | - | - |
| 5 | V35 20VT/OR (3.7L/4.7L) | S/C VENT SOL CONTROL |
| 5 | K454 20BR/OR (5.7L MDS) | MDS SOL CONTROL NO. 7 |
| 6 | K451 20BR/WT (5.7L MDS) | MDS SOL CONTROL NO. 1 |
| 7 | V32 20VT/YL (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 |




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

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

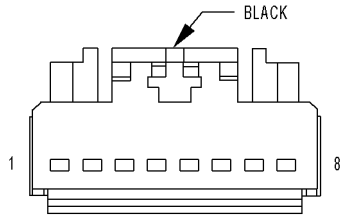
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C13 18LB/OR | A/C CLUTCH CONTROL |
| 2 | - | - |
| 3 | K51 18BR/WT | ASD CONTROL |
| 4 | V36 18VT/YL | S/C VACUUM SOL CONTROL |
| 5 | V35 18VT/OR | S/C VENT SOL CONTROL |
| 6 | - | - |
| 7 | K42 18DB/YL | KNOCK SENSOR NO. 1 SIGNAL |
| 8 | K99 18BR/LG |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




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

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

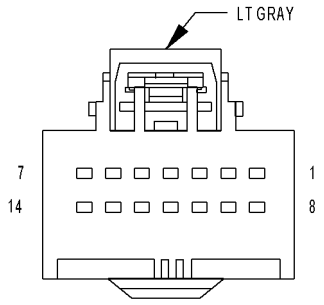
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T60 20YL/GY | OD SOLENOID CONTROL |
| 2 | T59 20YL/LB (3.7L) | UD SOLENOID CONTROL |
| 2 | T259 20YL/DG (4.7L/5.7L) | 4C SOLENOID CONTROL |
| 3 | - | - |
| 4 | T140 20YL/GY | MS SOLENOID CONTROL |
| 5 | - | - |
| 6 | T19 18YL/DB (3.7L) | 2-4 SOLENOID CONTROL |
| 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 |




**MODULE-
SENTRY KEY
REMOTE ENTRY**

MODULE-SENTRY KEY REMOTE ENTRY - BLACK 8 WAY

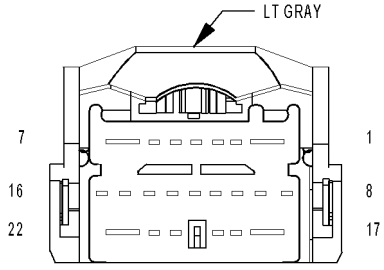
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | F202 20PK/GY | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 4 | Z109 20BK/GY | GROUND |
| 5 | A114 18GY/RD | FUSED B(+) |
| 6 | D55 20WT/OR | CAN B BUS (+) |
| 7 | D54 20WT | CAN B BUS (-) |
| 8 | - | - |




**MODULE-
TOTALLY
INTEGRATED
POWER C1**

MODULE-TOTALLY INTEGRATED POWER C1 - LT GRAY 14 WAY

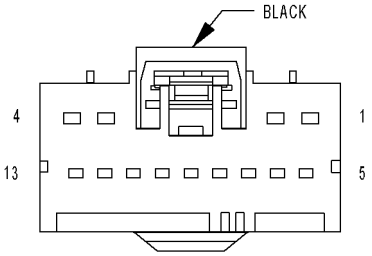
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F1 20PK/WT | FUSED IGNITION SWITCH OUTPUT (OFF-RUN-START) |
| 2 | T41 20YL/DB | PARK/NEUTRAL POSITION SWITCH SENSE (T41) |
| 3 | G20 20VT/BR (SRT) | IGNITION SWITCH SENSE SIGNAL |
| 4 | K31 20BR | FUEL PUMP CONTROL |
| 5 | W7 20BR/GY | WIPER PARK SWITCH 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

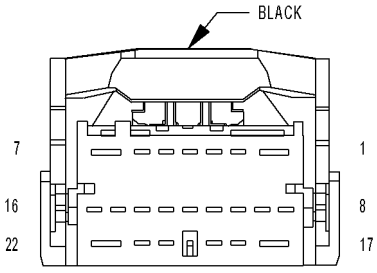
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K342 16BR/WT (EXCEPT DIESEL) | ASD CONTROL OUTPUT |
| 2 | A405 18RD/DB | FUSED B(+) |
| 3 | A941 18RD | FUSED B(+) |
| 4 | - | - |
| 5 | - | - |
| 6 | A310 16RD/LB (EXCEPT BASE) | FUSED B(+) |
| 7 | C15 14DB/WT (EXCEPT BASE) | REAR WINDOW DEFOGGER CONTROL 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(+) |




**MODULE-TOTALLY INTEGRATED POWER C2**

MODULE-TOTALLY INTEGRATED POWER C2 - BLACK 13 WAY

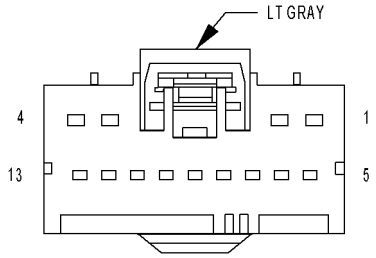
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | W10 20BR | WASHER PUMP MOTOR CONTROL |
| 3 | F20 20PK/WT | IGNITION SWITCH OUTPUT (RUN-START) |
| 4 | A72 20RD/OR | ADJUSTABLE PEDALS OUTPUT |
| 5 | - | - |
| 6 | - | - |
| 7 | - | - |
| 8 | - | - |
| 9 | G304 20VT/DB (LD 4WD) | FRONT AXLE 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

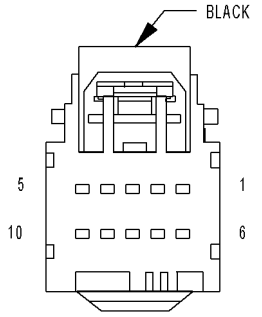
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A209 10RD (DIESEL) | FUSED B(+) |
| 2 | - | - |
| 3 | F984 18PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 4 | - | - |
| 5 | F983 20PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 6 | A205 18RD/OR | FUSED B(+) |
| 7 | - | - |
| 8 | A944 20RD | 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) |




**MODULE-TOTALLY INTEGRATED POWER C4**

MODULE-TOTALLY INTEGRATED POWER C4 - LT GRAY 13 WAY

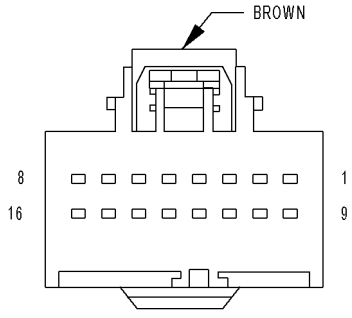
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z118 16BK/YL | GROUND |
| 2 | T102 16YL (ETC) | SHIFT MOTOR CONTROL A |
| 3 | T101 16DG (ETC) | SHIFT MOTOR CONTROL B |
| 4 | - | - |
| 5 | - | - |
| 6 | - | - |
| 7 | - | - |
| 8 | T300 20YL/GY (ETC) | T-CASE MOTOR BRAKE SIGNAL |
| 9 | T103 20YL/OR (ETC) | 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

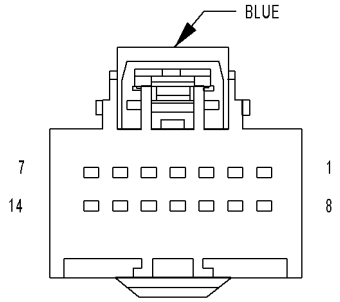
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L61 20WT/LG | LEFT FRONT TURN LAMP DRIVER |
| 2 | L60 20WT/TN | RIGHT FRONT TURN LAMP DRIVER |
| 3 | L34 20WT/GY | RIGHT HIGH BEAM DRIVER |
| 4 | L43 20WT/DB | LEFT LOW BEAM DRIVER |
| 5 | T340 20DG/VT (FULL TIME ETC) | INPUT SPEED SENSOR 2 (N3) SIGNAL |
| 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

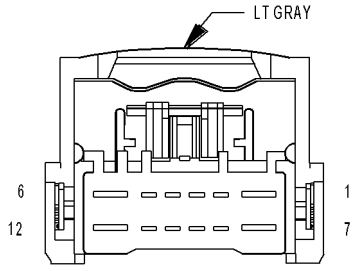
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | D65 20WT/LG | CAN C BUS (+) |
| 2 | D52 20WT/LB | CAN C DIAGNOSTIC (+) |
| 3 | D55 20WT/OR | CAN B BUS (+) |
| 4 | L63 20WT/DG | LEFT REAR TURN LAMP DRIVER |
| 5 | - | - |
| 6 | L62 20WT/YL | RIGHT REAR TURN LAMP DRIVER |
| 7 | L50 20WT/TN | BRAKE LAMP 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 |




**MODULE-TOTALLY INTEGRATED POWER C7**

MODULE-TOTALLY INTEGRATED POWER C7 - BLUE 14 WAY

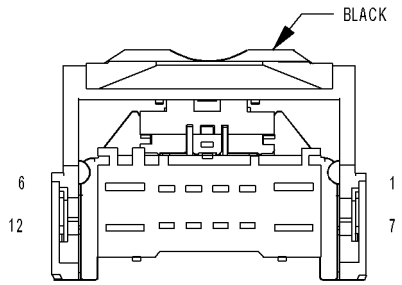
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | - | - |
| 3 | L44 20WT/TN | RIGHT LOW BEAM DRIVER |
| 4 | L33 20WT/LG | LEFT HIGH BEAM DRIVER |
| 5 | - | - |
| 6 | - | - |
| 7 | C818 20LB/OR (EXCEPT SRT) | A/C PRESSURE 5 VOLT SUPPLY |
| 8 | L10 20WT/LG (3.7L/4.7L M/T MTC) | FUSED IGNITION 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

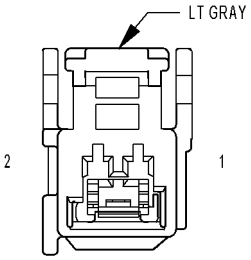
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A916 16RD (SRT) | FUSED B(+) |
| 2 | A919 20RD | FUSED B(+) |
| 3 | A106 20LB/RD | FUSED B(+) |
| 4 | F201 20PK/OR | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 5 | F100 20PK/VT | FUSED IGNITION SWITCH OUTPUT (RUN) |
| 6 | A100 14RD/VT (TRAILER TOW) | 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

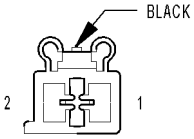
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A111 14DG/RD | FUSED B(+) |
| 2 | T40 14YL/TN | STARTER SOLENOID FEED |
| 3 | C3 20DB/YL | A/C CLUTCH CONTROL OUTPUT |
| 4 | W4 14BR/OR | WIPER MOTOR HIGH SPEED FEED |
| 5 | A114 18GY/RD | FUSED B(+) |
| 6 | F30 10PK/YL (EXCEPT BASE) | FUSED IGNITION SWITCH 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(+) |




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

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

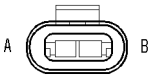
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P206 18LG/LB | ADJUSTABLE PEDALS MOTOR REVERSE |
| 2 | P205 18LG/WT | ADJUSTABLE PEDALS MOTOR FORWARD |




**MOTOR-BLOWER**

MOTOR-BLOWER - BLACK 2 WAY

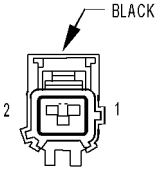
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C70 10DB/YL | BLOWER MOTOR HIGH DRIVER |
| 2 | F942 10DB | FUSED IGNITION SWITCH OUTPUT (RUN-START) |




**MOTOR-CONDENSER FAN (NGC)**

MOTOR-CONDENSER FAN (NGC) - BLACK 2 WAY

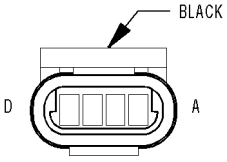
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Z823 14BK/DG | GROUND |
| B | C123 14LB/WT | CONDENSER FAN CONTROL OUTPUT |




**MOTOR-IAC (3.7L/4.7L)**

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

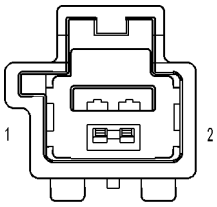
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K961 20BR/VT | IAC SIGNAL |
| 2 | K61 20VT/GY | IAC CONTROL |




**MOTOR-IAC (SRT)**

MOTOR-IAC (SRT) - BLACK 4 WAY

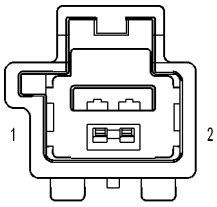
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | K59 18BR/DG | IDLE AIR CONTROL NO. 4 DRIVER |
| B | K40 18BR/LG | IDLE AIR CONTROL NO. 1 DRIVER |
| C | K60 18VT/DG | IDLE AIR CONTROL NO. 2 DRIVER |
| D | K39 18VT/LG | IDLE AIR CONTROL NO. 3 DRIVER |




**MOTOR-
LUMBAR-
DRIVER**

MOTOR-LUMBAR-DRIVER - 2 WAY

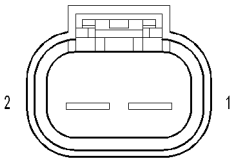
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P105 12LG | DRIVER SEAT LUMBAR MOTOR FORWARD DRIVER |
| 2 | P107 12LG/WT | DRIVER SEAT LUMBAR MOTOR REARWARD DRIVER |




**MOTOR-
LUMBAR-
PASSENGER**

MOTOR-LUMBAR-PASSENGER - 2 WAY

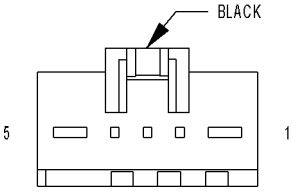
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P104 12LG | PASSENGER SEAT LUMBAR MOTOR REARWARD DRIVER |
| 2 | P106 12LG/WT | PASSENGER SEAT LUMBAR MOTOR FORWARD DRIVER |




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

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

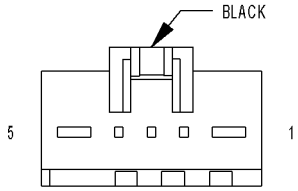
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Q950 12OR/LG | POWER BACKLITE OPEN (+) |
| 2 | Q951 12OR/VT | POWER BACKLITE OPEN (-) |




**MOTOR-
SEAT
ADJUSTER-
DRIVER
HORIZONTAL**

MOTOR-SEAT ADJUSTER-DRIVER HORIZONTAL - BLACK 5 WAY

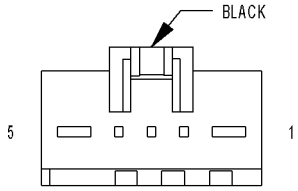
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P15 12LG/WT | DRIVER SEAT HORIZONTAL FORWARD DRIVER |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | P17 12LG/DG | DRIVER SEAT HORIZONTAL REARWARD DRIVER |




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

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

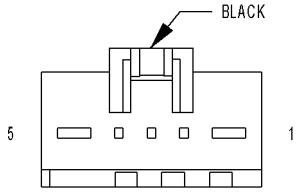
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P21 12LG/TN | DRIVER SEAT FRONT DOWN DRIVER |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | P19 12LG/LB | DRIVER SEAT FRONT UP DRIVER |




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

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

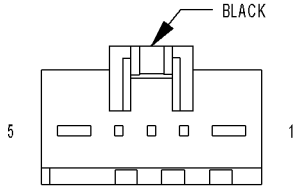
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P20 12LG/LB | PASSENGER SEAT FRONT UP DRIVER |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | P18 12LG/OR | PASSENGER SEAT FRONT DOWN DRIVER |




**MOTOR-
SEAT
ADJUSTER-
PASSENGER
HORIZONTAL**

MOTOR-SEAT ADJUSTER-PASSENGER HORIZONTAL - BLACK 5 WAY

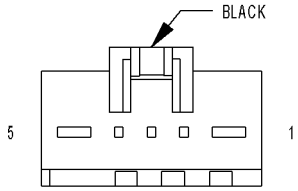
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P14 12LG/OR | PASSENGER SEAT HORIZONTAL FORWARD DRIVER |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | P16 12LG/BR | PASSENGER SEAT HORIZONTAL REARWARD DRIVER |




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

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

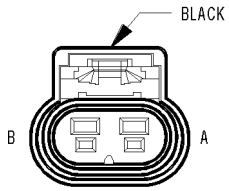
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P11 12LG/YL | DRIVER SEAT REAR UP DRIVER |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | P13 12LG/OR | DRIVER SEAT REAR DOWN DRIVER |




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

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

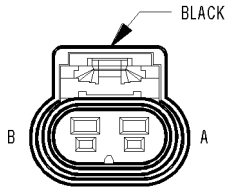
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P10 12LG/TN | PASSENGER SEAT REAR DOWN DRIVER |
| 2 | - | - |
| 3 | - | - |
| 4 | - | - |
| 5 | P12 12LG/YL | PASSENGER SEAT REAR UP DRIVER |




**MOTOR-WINDOW-DRIVER**

MOTOR-WINDOW-DRIVER - BLACK 2 WAY

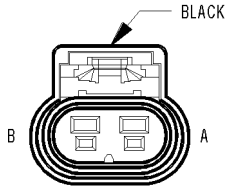
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Q21 14OR/WT | DRIVER WINDOW DRIVER DOWN |
| B | Q11 14OR/LG | DRIVER WINDOW DRIVER UP |




**MOTOR-WINDOW-LEFT REAR**

MOTOR-WINDOW-LEFT REAR - BLACK 2 WAY

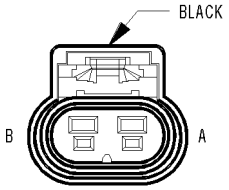
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Q211 14TN/LB | DRIVER REAR WINDOW DRIVER (DOWN) |
| B | Q111 14TN/YL | DRIVER REAR WINDOW DRIVER (UP) |




**MOTOR-WINDOW-PASSENGER**

MOTOR-WINDOW-PASSENGER - BLACK 2 WAY

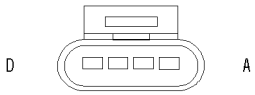
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Q22 12OR/VT | PASSENGER WINDOW DRIVER DOWN |
| B | Q12 12OR/BR | PASSENGER WINDOW DRIVER UP |




**MOTOR-
WINDOW-
RIGHT REAR**

MOTOR-WINDOW-RIGHT REAR - BLACK 2 WAY

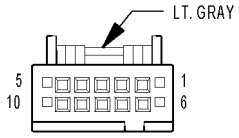
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Q212 14TN/LB | PASSENGER REAR WINDOW DRIVER (DOWN) |
| B | Q112 14TN/YL | PASSENGER REAR WINDOW DRIVER (UP) |




**MOTOR-
WINDSHIELD WIPER**

MOTOR-WINDSHIELD WIPER - 4 WAY

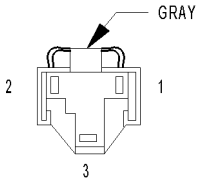
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | W4 14 BR/OR | WIPER MOTOR HIGH SPEED FEED |
| B | W3 14 BR/WT | WIPER LOW SPEED CONTROL OUTPUT |
| C | Z103 14BK/WT | GROUND |
| D | W7 20BR/GY | WIPER PARK SWITCH SENSE |




MOTOR/
MODULE-
SUNROOF

MOTOR/MODULE-SUNROOF - LT. GRAY 10 WAY

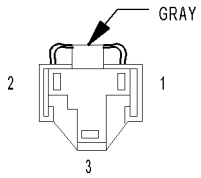
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | |
| 2 | Q4 20OR/YL | SUNROOF VENT SWITCH SENSE |
| 3 | Q3 20OR/TN | SUNROOF OPEN SWITCH SENSE |
| 4 | D54 20WT | CAN B BUS (-) |
| 5 | D55 20WT/OR | CAN B BUS (+) |
| 6 | Z964 14BK | GROUND |
| 7 | Q5 20OR/LB | SUNROOF CLOSE SWITCH SENSE |
| 8 | A310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




**POWER
OUTLET**

POWER OUTLET - GRAY 3 WAY

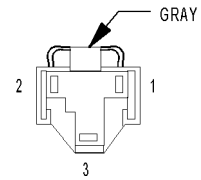
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A205 18RD/OR | FUSED B(+) |
| 2 | - | - |
| 3 | Z737 18BK/LB | GROUND |




**POWER OUTLET- CONSOLE (EXCEPT BASE)**

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

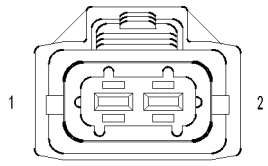
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A405 16BR | FUSED B(+) |
| 2 | - | - |
| 3 | Z939 18BK | GROUND |




**POWER OUTLET- INSTRUMENT PANEL**

POWER OUTLET-INSTRUMENT PANEL - GRAY 3 WAY

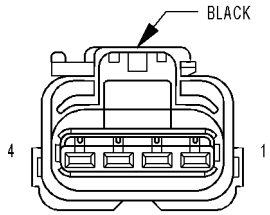
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F984 18PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 2 | - | - |
| 3 | Z736 18BK/YL | GROUND |




**PUMP- FUEL INJECTION (DIESEL)**

PUMP-FUEL INJECTION (DIESEL) - 2 WAY

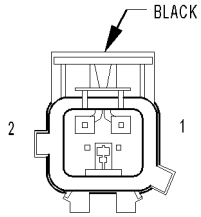
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K604 18BR/TN | FUEL PUMP SOLENOID CONTROL |
| 2 | K65 18BR/LB | FUEL PUMP SOLENOID RETURN |




**PUMP- LEAK DETECTION (SRT)**

PUMP-LEAK DETECTION (SRT) - BLACK 4 WAY

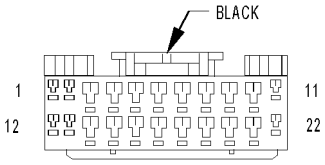
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | K125 18BR/DG | GENERATOR SOURCE |
| 3 | K106 18VT/LB | LEAK DETECTION PUMP SOLENOID CONTROL |
| 4 | K107 18VT/WT | LEAK DETECTION PUMP SWITCH SENSE |




**PUMP- WASHER- WINDSHIELD**

PUMP-WASHER-WINDSHIELD - BLACK 2 WAY

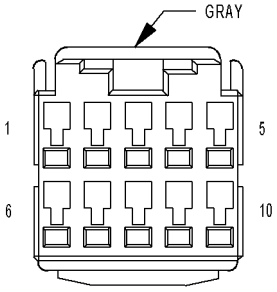
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z945 20BK | GROUND |
| 2 | W10 20BR | WASHER PUMP MOTOR CONTROL |




**RADIO C1**

RADIO C1 - BLACK 22 WAY

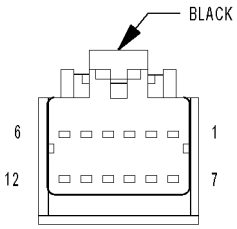
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A114 18GY/RD | FUSED B(+) |
| 2 | - | - |
| 3 | - | - |
| 4 | X716 20GY/TN (HANDS FREE) | LEFT AUDIO OUTPUT |
| 5 | D55 20WT/OR | CAN B BUS (+) |
| 6 | D54 20WT | CAN B BUS (-) |
| 7 | X154 18GY/YL (BASE) | RIGHT FRONT DOOR SPEAKER (+) |
| 8 | X156 18GY/LB (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

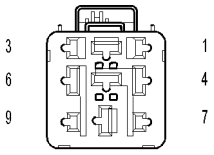
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X16 20DG/YL | AUDIO SIGNAL RIGHT (+) |
| 2 | X917 20DG | AUDIO SIGNAL COMMON |
| 3 | - | - |
| 4 | X510 18DG/LB | VDO-AUX AUDIO RIGHT |
| 5 | X916 20GY/OR | SDARS AUDIO RETURN |
| 6 | X17 20DG/OR | AUDIO SIGNAL LEFT (+) |
| 7 | X910 18GY/DG | AUX AUDIO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




**RECEIVER-SATELLITE (SLT+/SRT)**

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

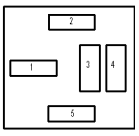
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X17 20DG/OR | AUDIO SIGNAL LEFT (+) |
| 2 | - | - |
| 3 | - | - |
| 4 | Z960 18BK | GROUND |
| 5 | - | - |
| 6 | A114 18GY/RD | FUSED B(+) |
| 7 | X16 20DG/YL | AUDIO SIGNAL RIGHT (+) |
| 8 | X917 20DG | AUDIO SIGNAL COMMON |
| 9 | - | - |
| 10 | - | -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




**RELAY-STARTER (SRT)**

RELAY-STARTER (SRT) - 9 WAY

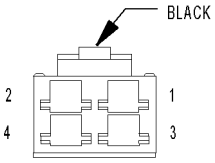
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | T40 12YL/GY | STARTER SOLENOID FEED |
| 3 | - | - |
| 4 | T41 18YL/DB | PARK/NEUTRAL POSITION SWITCH SENSE (T41) |
| 5 | F982 12PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 6 | T141 16YL/OR | MANUAL CLUTCH INTERLOCK START FEED |
| 7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




RELAY-STARTER MOTOR (EXCEPT SRT)

RELAY-STARTER MOTOR (EXCEPT SRT) - 5 WAY

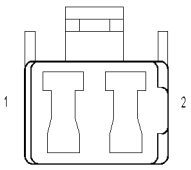
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T40 14YL/TN | STARTER SOLENOID FEED |
| 2 | T753 18DG/YL | IGNITION SWITCH OUTPUT (START) |
| 3 | - | - |
| 4 | T750 14YL/GY | STARTER MOTOR CONTROL OUTPUT |
| 5 | T41 18YL/DB (DIESEL A/T) | TRS T41 SENSE |
| 5 | T41 18YL/DB (DIESEL M/T) | PARK/NEUTRAL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




**RESISTOR-BLOWER MOTOR**

RESISTOR-BLOWER MOTOR - BLACK 4 WAY

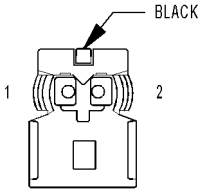
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C72 16DB/OR | BLOWER MOTOR M1 DRIVER |
| 2 | C70 12DB/YL | BLOWER MOTOR HIGH DRIVER |
| 3 | C71 16DB/BR | BLOWER MOTOR LOW DRIVER |
| 4 | C73 14DB/VT | BLOWER MOTOR M2 DRIVER |




**SEAT BELT-TENSION REDUCER-DRIVER (STANDARD CAB)**

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

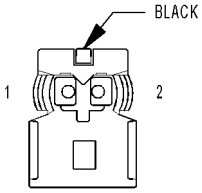
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F983 20PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 2 | R57 20LG/GY | DRIVER SEAT BELT SWITCH SENSE |




**SEAT BELT-TENSIONER-DRIVER**

SEAT BELT-TENSIONER-DRIVER - BLACK 2 WAY

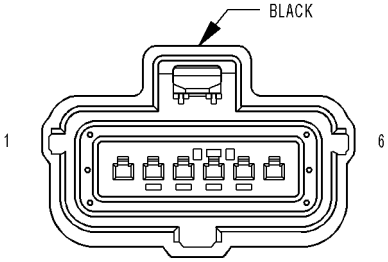
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R55 20LG/DG | DRIVER SEAT BELT TENSIONER LINE 1 |
| 2 | R53 20LG/YL | DRIVER SEAT BELT TENSIONER LINE 2 |




**SEAT BELT-TENSIONER-PASSENGER**

SEAT BELT-TENSIONER-PASSENGER - BLACK 2 WAY

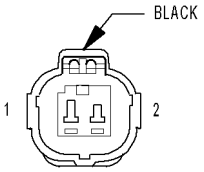
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R56 20LB/DG | PASSENGER SEAT BELT TENSIONER LINE 1 |
| 2 | R54 20LB/YL | PASSENGER SEAT BELT TENSIONER LINE 2 |




**SENSOR-ACCELERATOR PEDAL POSITION (5.7L/DIESEL)**

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

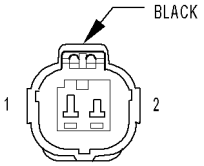
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F856 20YL/PK | 5 VOLT SUPPLY |
| 1 | K854 20VT/BR (DIESEL) | 5 VOLT SUPPLY |
| 2 | K29 20WT/BR | APPS NO. 2 SIGNAL |
| 3 | K400 20BR/VT | APPS NO. 2 RETURN |
| 4 | K167 20BR/YL | APPS NO. 1 RETURN |
| 5 | K23 20BR/WT | APPS NO. 1 SIGNAL |
| 6 | F855 20PK/YL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




**SENSOR-AMBIENT AIR TEMPERATURE**

SENSOR-AMBIENT AIR TEMPERATURE - BLACK 2 WAY

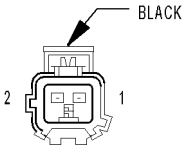
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G31 20VT/LG | AAT SIGNAL |
| 2 | G930 20VT/TN | AAT RETURN |




**SENSOR-BATTERY TEMPERATURE (DIESEL)**

SENSOR-BATTERY TEMPERATURE (DIESEL) - BLACK 2 WAY

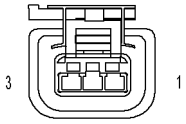
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K25 20DB/VT | BATT TEMP SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |




**SENSOR-BRAKE FLUID LEVEL**

SENSOR-BRAKE FLUID LEVEL - BLACK 2 WAY

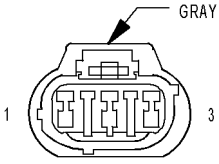
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | B20 20DG/OR | BRAKE FLUID LEVEL SWITCH SENSE |
| 2 | Z420 20BK/OR | GROUND |




**SENSOR-CAMSHAFT POSITION (DIESEL)**

SENSOR-CAMSHAFT POSITION (DIESEL) - 3 WAY

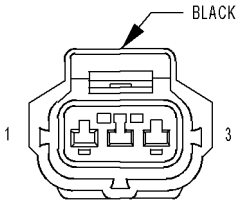
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F855 18PK/YL | 5 VOLT SUPPLY |
| 2 | K944 18BK/GY | CMP SENSOR GROUND |
| 3 | K44 18DB/GY | CMP SIGNAL |




**SENSOR-CAMSHAFT POSITION (GAS)**

SENSOR-CAMSHAFT POSITION (GAS) - GRAY 3 WAY

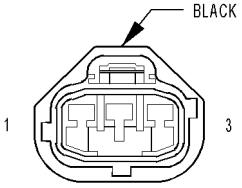
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K44 20DB/GY (EXCEPT SRT) | CMP SIGNAL |
| 1 | K44 18DB/GY (SRT) | CMP SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | F856 20YL/PK (EXCEPT SRT) | 5 VOLT SUPPLY |
| 3 | F855 20PK/YL (SRT) | 5 VOLT SUPPLY |




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

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

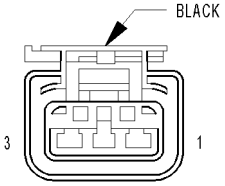
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K24 20BR/LB | CKP SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | F855 20PK/YL | 5 VOLT SUPPLY |




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

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

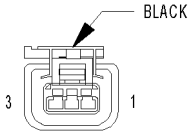
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K24 20BR/LB | CKP SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | F855 20PK/YL | 5 VOLT SUPPLY |




**SENSOR-CRANKSHAFT POSITION (5.7L)**

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

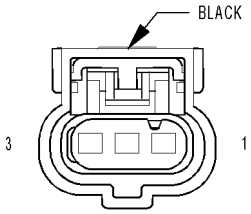
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F855 20PK/YL | 5 VOLT SUPPLY |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | K24 20BR/LB | CKP SIGNAL |




**SENSOR-CRANKSHAFT POSITION (DIESEL)**

SENSOR-CRANKSHAFT POSITION (DIESEL) - BLACK 3 WAY

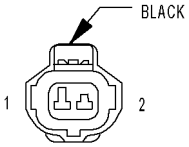
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K853 18DB/BR | 5 VOLT SUPPLY |
| 2 | K975 18BR/OR | CKP SENSOR GROUND |
| 3 | K24 18BR/LB | CKP SIGNAL |




**SENSOR-CRANKSHAFT POSITION (SRT)**

SENSOR-CRANKSHAFT POSITION (SRT) - BLACK 3 WAY

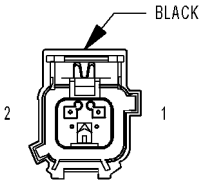
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F855 20PK/YL | 5 VOLT SUPPLY |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | K24 18BR/LB | CKP SIGNAL |




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

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

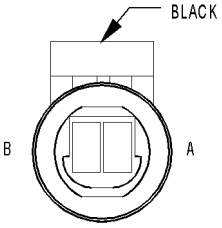
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K2 20VT/OR | ECT SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |




**SENSOR-ENGINE COOLANT TEMPERATURE (5.7L/SRT)**

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

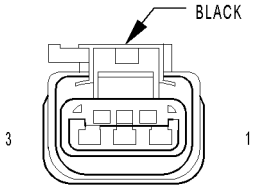
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K2 20VT/OR (5.7L) | ECT SIGNAL |
| 1 | K2 18VT/OR (SRT) | ECT SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |




**SENSOR-ENGINE COOLANT TEMPERATURE (DIESEL)**

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

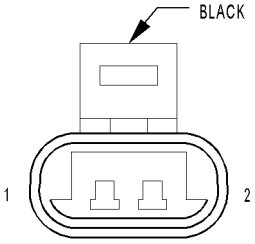
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | K200 18BR/YL | SENSOR GROUND |
| B | K2 18VT/OR | ECT SIGNAL |




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

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

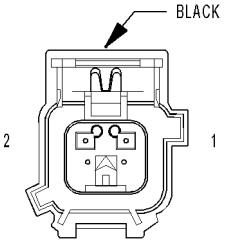
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F855 20PK/YL | 5 VOLT SUPPLY |
| 2 | G6 18VT/GY | OIL PRESSURE SIGNAL |
| 3 | K900 20DB/DG | SENSOR GROUND |




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

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

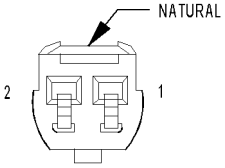
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G24 20VT/BR | OIL TEMPERATURE SENSOR SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |




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

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

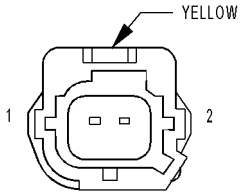
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G127 20VT/DB | OIL TEMPERATURE GAUGE SIGNAL |
| 2 | Z1 18BK | GROUND |




**SENSOR-
EVAPORATOR
TEMPERATURE**

SENSOR-EVAPORATOR TEMPERATURE - NATURAL 2 WAY

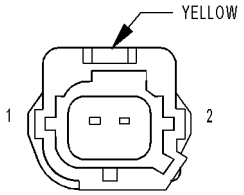
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C121 20DB/DG | SENSOR GROUND |
| 2 | C21 20DB/LG | EVAPORATOR TEMPERATURE SENSOR SIGNAL |




**SENSOR-FRONT IMPACT-LEFT**

SENSOR-FRONT IMPACT-LEFT - YELLOW 2 WAY

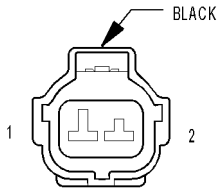
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R81 20LB/WT | LEFT FRONT IMPACT SENSOR GROUND |
| 2 | R79 20LB/VT | LEFT FRONT IMPACT SENSOR SIGNAL |




**SENSOR-FRONT IMPACT-RIGHT**

SENSOR-FRONT IMPACT-RIGHT - YELLOW 2 WAY

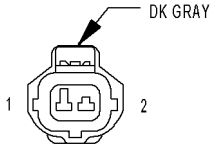
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R82 20WT/LB | RIGHT FRONT IMPACT SENSOR GROUND |
| 2 | R80 20VT/LB | RIGHT FRONT IMPACT SENSOR SIGNAL |




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

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

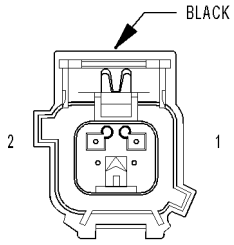
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T52 20DG/OR | INPUT SPEED SENSOR SIGNAL |
| 2 | T13 20DG/VT | SPEED SENSOR GROUND |




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

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

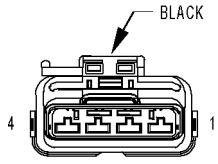
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K900 20DB/DG (3.7L A/T) | SENSOR GROUND |
| 1 | K21 20DB/LG (EXCEPT 3.7L A/T) | IAT SIGNAL |
| 2 | K21 20DB/LG (3.7L A/T) | IAT SIGNAL |
| 2 | K900 20DB/DG (EXCEPT 3.7L A/T) | SENSOR GROUND |




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

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

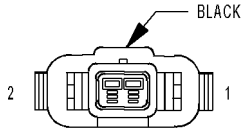
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K21 18 DB/LG | IAT SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |




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

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

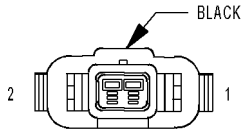
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K42 20DB/YL (3.7L) | KNOCK SENSOR NO. 1 SIGNAL |
| 1 | K942 20BR/LG (4.7L) | KNOCK SENSOR NO. 1 RETURN |
| 2 | K942 20BR/LG (3.7L) | KNOCK SENSOR NO. 1 RETURN |
| 2 | K42 20DB/YL (4.7L) | KNOCK SENSOR NO. 1 SIGNAL |
| 3 | K242 20BR/WT (3.7L) | KNOCK SENSOR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

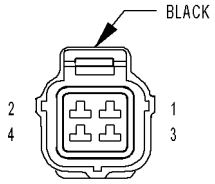
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K42 20DB/YL (5.7L) | KNOCK SENSOR NO. 1 SIGNAL |
| 1 | K42 18DB/YL (SRT) | KNOCK SENSOR NO. 1 SIGNAL |
| 2 | K942 20BR/LG (5.7L) | KNOCK SENSOR NO. 1 RETURN |
| 2 | K900 18DB/DG (SRT) | SENSOR GROUND |




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

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

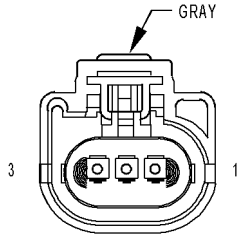
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K242 20BR/WT (5.7L) | KNOCK SENSOR NO. 2 SIGNAL |
| 1 | K242 18BR/WT (SRT) | KNOCK SENSOR NO. 2 SIGNAL |
| 2 | K924 20WT/BR (5.7L) | KNOCK SENSOR NO. 2 RETURN |
| 2 | K900 18DB/DG (SRT) | SENSOR GROUND |




**SENSOR-
LINE PRESSURE
(RFE)**

SENSOR-LINE PRESSURE (RFE) - BLACK 4 WAY

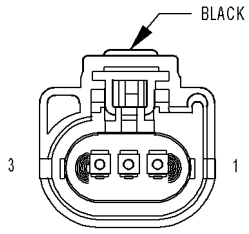
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K900 20DB/DG | SENSOR GROUND |
| 2 | F856 20YL/PK | 5 VOLT SUPPLY |
| 3 | T38 20YL/BR | LINE PRESSURE SENSOR SIGNAL |
| 4 | - | - |




**SENSOR-MAP
(NGC)**

SENSOR-MAP (NGC) - GRAY 3 WAY

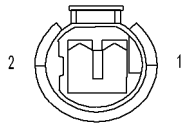
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K1 20VT/BR | MAP SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | F856 20YL/PK | 5 VOLT SUPPLY |




**SENSOR-MAP
(SRT)**

SENSOR-MAP (SRT) - BLACK 3 WAY

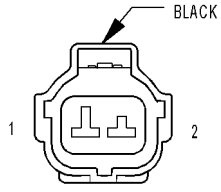
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K1 18VT/BR | MAP SENSOR SIGNAL |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | F855 20PK/YL | 5 VOLT SUPPLY |




**SENSOR-
OUTPUT SPEED
(RE)**

SENSOR-OUTPUT SPEED (RE) - 2 WAY

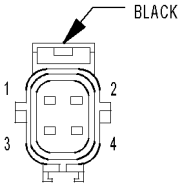
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T14 18DG/BR | OUTPUT SPEED SENSOR SIGNAL |
| 2 | T13 18DG/VT | SPEED SENSOR GROUND |




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

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

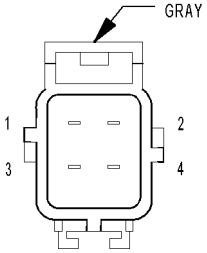
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T14 20DG/BR | OUTPUT SPEED SENSOR SIGNAL |
| 2 | T13 20DG/VT | SPEED SENSOR GROUND |




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

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

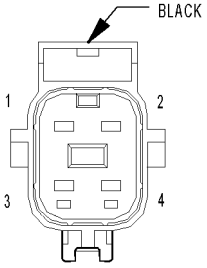
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K99 20BR/LG | O2 1/1 HEATER CONTROL |
| 2 | Z42 20BK/LG | GROUND |
| 3 | K902 20BR/DG | O2 RETURN (UPSTREAM) |
| 4 | K41 20DB/LB | O2 1/1 SIGNAL |




**SENSOR-OXYGEN-LEFT FRONT (4.7L)**

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

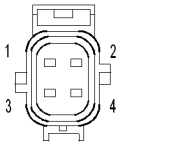
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K99 20BR/LG | O2 1/1 HEATER CONTROL |
| 2 | Z42 20BK/LG | GROUND |
| 3 | K902 20BR/DG | O2 RETURN (UPSTREAM) |
| 4 | K41 20DB/LB | O2 1/1 SIGNAL |




**SENSOR-OXYGEN-LEFT FRONT (SRT)**

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

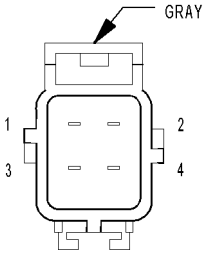
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 2 | K99 18BR/LG | O2 1/1 HEATER CONTROL |
| 3 | K900 20DB/DG | SENSOR GROUND |
| 4 | K41 18DB/LB | O2 1/1 SIGNAL |




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

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

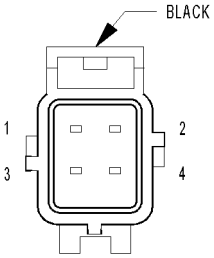
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K299 20BR/WT | O2 1/2 HEATER CONTROL |
| 2 | Z43 20BK/LB | GROUND |
| 3 | K904 20DB/DG | O2 RETURN (DOWNSTREAM) |
| 4 | K141 20DB/YL | O2 1/2 SIGNAL |




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

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

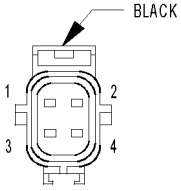
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K299 20BR/WT | O2 1/2 HEATER CONTROL |
| 2 | Z43 20BK/LB | GROUND |
| 3 | K904 20DB/DG | O2 RETURN (DOWNSTREAM) |
| 4 | K141 20DB/YL | O2 1/2 SIGNAL |




**SENSOR-OXYGEN-LEFT REAR (SRT)**

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

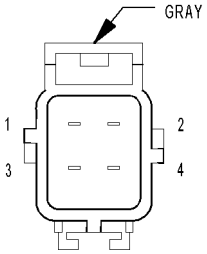
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K344 18BR/GY | OXYGEN SENSOR DOWNSTREAM CONTROL OUTPUT |
| 2 | Z1 18BK | GROUND |
| 3 | K900 20DB/DG | SENSOR GROUND |
| 4 | K141 18DB/YL | O2 1/2 SIGNAL |




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

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

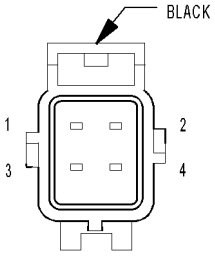
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K199 20BR/VT | O2 2/1 HEATER CONTROL |
| 2 | Z934 20BK | GROUND |
| 3 | K902 20BR/DG | O2 RETURN (UPSTREAM) |
| 4 | K43 20DB/LG | O2 2/1 SIGNAL |




**SENSOR-OXYGEN-RIGHT FRONT (4.7L)**

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

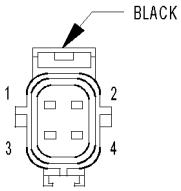
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K199 20BR/VT | O2 2/1 HEATER CONTROL |
| 2 | Z934 20BK | GROUND |
| 3 | K902 20BR/DG | O2 RETURN (UPSTREAM) |
| 4 | K43 20DB/LG | O2 2/1 SIGNAL |




**SENSOR-OXYGEN-RIGHT FRONT (SRT)**

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

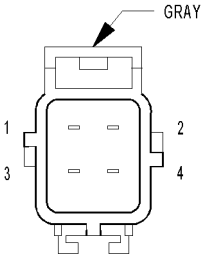
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 2 | K199 18BR/VT | O2 2/1 HEATER CONTROL |
| 3 | K900 20DB/DG | SENSOR GROUND |
| 4 | K43 18DB/VT | O2 2/1 SIGNAL |




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

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

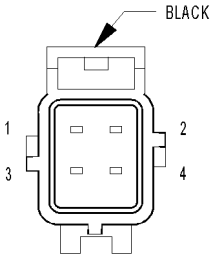
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K399 20BR/GY | O2 2/2 HEATER CONTROL |
| 2 | Z992 20BK | GROUND |
| 3 | K904 20DB/DG | O2 RETURN (DOWNSTREAM) |
| 4 | K243 20BR | O2 2/2 SIGNAL |




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

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

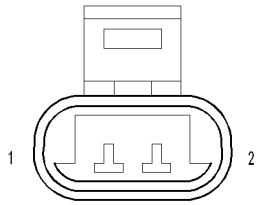
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K399 20BR/GY | O2 2/2 HEATER CONTROL |
| 2 | Z992 20BK | GROUND |
| 3 | K904 20DB/DG | O2 RETURN (DOWNSTREAM) |
| 4 | K243 20BR | O2 2/2 SIGNAL |




**SENSOR-OXYGEN-RIGHT REAR (SRT)**

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

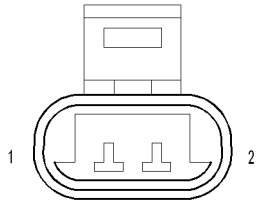
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K344 18BR/GY | OXYGEN SENSOR DOWNSTREAM CONTROL OUTPUT |
| 2 | Z1 18BK | GROUND |
| 3 | K900 20DB/DG | SENSOR GROUND |
| 4 | K243 18BR | O2 2/2 SIGNAL |




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

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

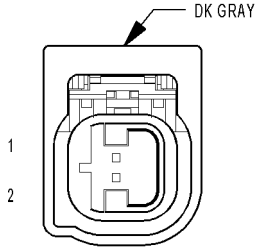
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T71 20YL/OR | INPUT SPEED SENSOR 2 (N3) RETURN |
| 2 | T340 20DG/VT | INPUT SPEED SENSOR 2 (N3) SIGNAL |




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

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

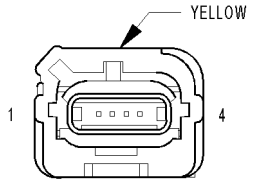
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T70 20YL | INPUT SPEED SENSOR 1 (N2) SIGNAL |
| 2 | T341 20DG/VT | INPUT SPEED SENSOR 1 (N2) RETURN |




**SENSOR-
SEAT
TRACK
POSITION-
DRIVER**

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

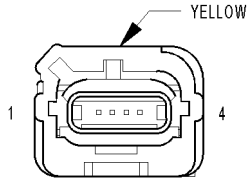
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R261 20LB/WT | DRIVER SEAT POSITION SENSOR DATA |
| 2 | R263 20LB/VT | DRIVER SEAT POSITION SENSOR VOLTAGE |




**SENSOR-
SIDE IMPACT-
LEFT 1**

SENSOR-SIDE IMPACT-LEFT 1 - YELLOW 4 WAY

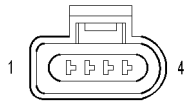
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R13 20LG/TN | LEFT SIDE IMPACT SENSOR 1 SIGNAL |
| 2 | R15 20LG/BR | LEFT SIDE IMPACT SENSOR 1 GROUND |
| 3 | - | - |
| 4 | - | - |




**SENSOR-
SIDE IMPACT-
RIGHT 1**

SENSOR-SIDE IMPACT-RIGHT 1 - YELLOW 4 WAY

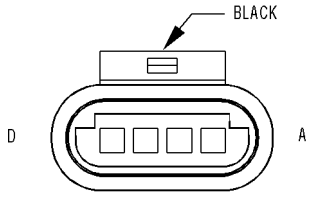
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R14 20TN/LG | RIGHT SIDE IMPACT SENSOR 1 SIGNAL |
| 2 | R16 20BR/LG | RIGHT SIDE IMPACT SENSOR 1 GROUND |
| 3 | - | - |
| 4 | - | - |




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

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

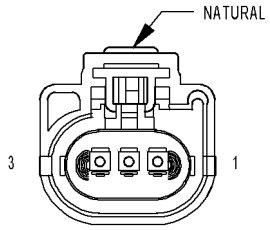
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K690 18BR/YL | SENSOR GROUND |
| 2 | K615 18VT/WT | INLET AIR TEMPERATURE SENSE |
| 3 | K668 18BR | 5 VOLT SUPPLY |
| 4 | K616 18BR/YL | INLET AIR PRESSURE SENSE |




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

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

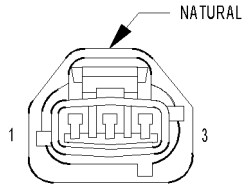
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | K210 18DB/TN | SENSOR GROUND |
| B | K21 18DB/LG | INTAKE AIR TEMPERATURE SENSOR SIGNAL |
| C | F855 18PK/YL | 5 VOLT SUPPLY |
| D | K37 18LB | BOOST PRESSURE SENSOR SIGNAL |




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

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

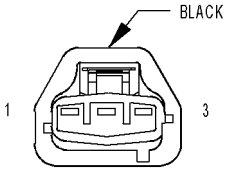
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F855 20PK/YL | 5 VOLT SUPPLY |
| 2 | K900 20DB/DG | SENSOR GROUND |
| 3 | K22 20BR/OR | TP NO. 1 SIGNAL |




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

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

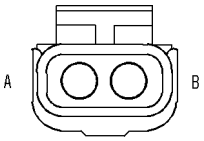
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F855 20PK/YL | 5 VOLT SUPPLY |
| 2 | K22 20BR/OR | TP NO. 1 SIGNAL |
| 3 | K900 20DB/DG | SENSOR GROUND |




**SENSOR-THROTTLE POSITION (SRT)**

SENSOR-THROTTLE POSITION (SRT) - BLACK 3 WAY

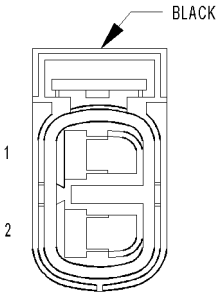
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K900 20DB/DG | SENSOR GROUND |
| 2 | K22 18BR/OR | THROTTLE POSITION SENSOR SIGNAL |
| 3 | F855 20PK/YL | 5 VOLT SUPPLY |




**SENSOR-TRANSFER CASE POSITION (MTC EXCEPT POWER WAGON)**

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

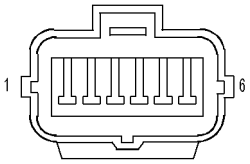
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | D201 18WT/DG (DIESEL) | MODE SENSOR A |
| A | D201 20WT/DG (EXCEPT DIESEL) | MODE SENSOR A |
| B | Z955 18BK (DIESEL) | GROUND |
| B | Z901 20BK (EXCEPT DIESEL) | GROUND |




**SENSOR-TRANSFER CASE POSITION (MTC POWER WAGON)**

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

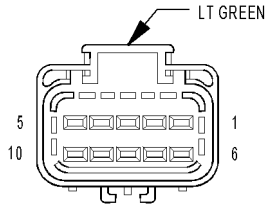
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | D201 20WT/DG | MODE SENSOR A |
| 2 | G180 20VT/YL | SENSOR RETURN |




**SENSOR-TRANSMISSION RANGE (SRT RE)**

SENSOR-TRANSMISSION RANGE (SRT RE) - 6 WAY

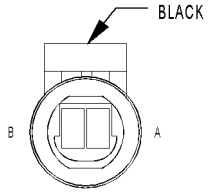
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | T117 20DG/YL | TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY |
| 3 | - | - |
| 4 | - | - |
| 5 | T917 20YL/TN | TRANS RANGE SENSOR ELECTRONIC CLUSTER 5 VOLT SUPPLY |
| 6 | T41 20YL/DB (DIESEL) | PARK/NEUTRAL POSITION SWITCH SENSE (T41)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




**SENSOR-TRANSMISSION RANGE (RLE)**

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

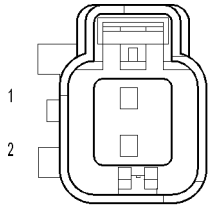
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T16 16YL/OR | TRANSMISSION CONTROL OUTPUT |
| 2 | - | - |
| 3 | K900 20DB/DG | SENSOR GROUND |
| 4 | T54 20DG/OR | TRANSMISSION TEMPERATURE SENSOR SIGNAL |
| 5 | - | - |
| 6 | - | - |
| 7 | T1 20DG/LB | OUTPUT SPEED SENSOR SIGNAL |
| 8 | T3 20DG/DB | 5 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

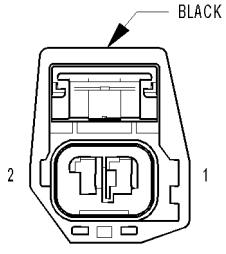
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | K923 18BR/WT | WATER IN FUEL SENSOR GROUND |
| B | G123 18VT/LG | WATER IN FUEL SENSOR SIGNAL |




**SENSOR-WHEEL SPEED-ABS-LEFT FRONT**

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

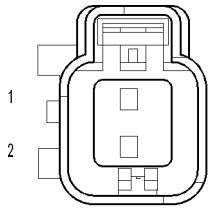
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | B9 20DG/LG (AWAL) | LEFT FRONT WHEEL SPEED SENSOR (+) |
| 1 | B9 18DG/LG (RWAL) | LEFT FRONT WHEEL SPEED SENSOR (+) |
| 2 | B8 20DG/TN (AWAL) | LEFT FRONT WHEEL SPEED SENSOR (-) |
| 2 | B8 18DG/TN (RWAL) | LEFT FRONT WHEEL SPEED SENSOR (-) |




**SENSOR-WHEEL SPEED-ABS-REAR**

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

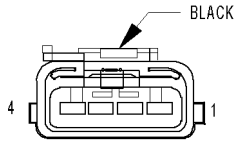
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | B22 18DG/YL | REAR WHEEL SPEED SENSOR (-) |
| 2 | B222 18DG/WT | REAR WHEEL SPEED SENSOR (+) |




**SENSOR-WHEEL SPEED-ABS-RIGHT FRONT**

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

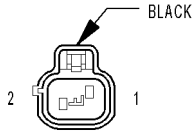
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | B7 20DG/VT | RIGHT FRONT WHEEL SPEED SENSOR (+) |
| 2 | B6 20DG/WT | RIGHT FRONT WHEEL SPEED SENSOR (-) |




**SERVO-SPEED CONTROL (GAS EXCEPT 5.7L)**

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

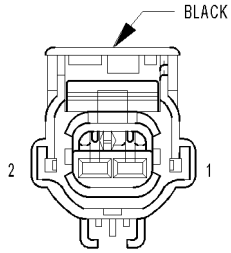
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | V36 20VT/YL (EXCEPT SRT) | S/C VACUUM SOL CONTROL |
| 1 | V36 18VT/YL (SRT) | S/C VACUUM SOL CONTROL |
| 2 | V35 20VT/OR (EXCEPT SRT) | S/C VENT SOL CONTROL |
| 2 | V35 18VT/OR (SRT) | S/C VENT SOL CONTROL |
| 3 | V30 20VT/WT | S/C BRAKE SWITCH OUTPUT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




**SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK**

SOLENOID-BRAKE TRANSMISSION SHIFT INTERLOCK - BLACK 2 WAY

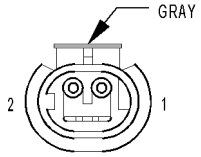
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K32 18DB/YL | BTSI SOLENOID CONTROL |
| 2 | Z101 18BK/VT | GROUND |




**SOLENOID-EVAP/PURGE (NGC)**

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

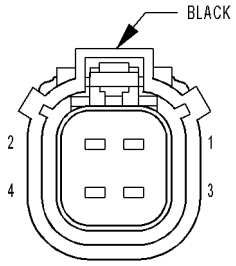
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K52 20DB/WT | EVAP PURGE CONTROL |
| 2 | K70 20DB/BR | EVAP PURGE SOL SIGNAL |




**SOLENOID-EVAP/PURGE (SRT)**

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

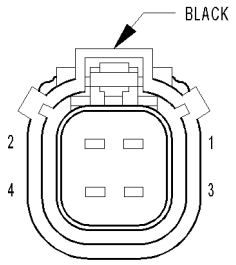
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | F202 20PK/GY | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 2 | K70 18DB/BR | EVAP PURGE RETURN |




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

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

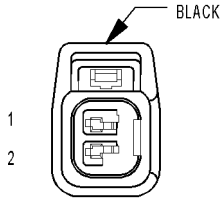
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T520 16YL/OR | FRONT LOCKER SOURCE |
| 2 | T521 18YL/GY | LOCKER SENSOR SUPPLY |
| 3 | T522 18YL/LB | FRONT LOCKER SENSOR SENSE |
| 4 | T524 16YL/LG | FRONT LOCKER RETURN |




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

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

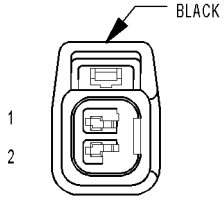
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T526 16YL/WT | REAR LOCKER SOURCE |
| 2 | T521 18YL/BK | LOCKER SENSOR SUPPLY |
| 3 | T527 18YL/TN | REAR LOCKER SENSOR SENSE |
| 4 | T528 16YL/GY | REAR LOCKER RETURN |




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

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

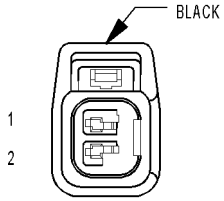
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K451 18BR/WT | MDS SOL CONTROL NO. 1 |
| 2 | Z903 18BK | GROUND |




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

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

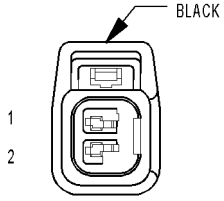
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K452 18BR/LB | MDS SOL CONTROL NO. 4 |
| 2 | Z903 18BK | GROUND |




**SOLENOID-
MULTIPLE
DISPLACEMENT NO. 6
(5.7L)**

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

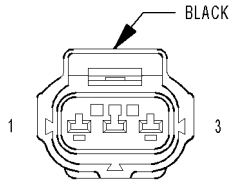
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K453 18BR/DG | MDS SOL CONTROL NO. 6 |
| 2 | Z903 18BK | GROUND |




**SOLENOID-
MULTIPLE
DISPLACEMENT NO. 7
(5.7L)**

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

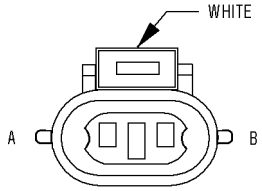
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K454 18BR/OR | MDS SOL CONTROL NO. 7 |
| 2 | Z903 18BK | GROUND |




**SOLENOID-
RADIATOR FAN
(SRT)**

SOLENOID-RADIATOR FAN (SRT) - BLACK 3 WAY

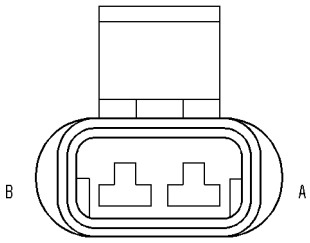
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | C240 18LB/TN | HYDRAULIC COOLING CONTROL FEED |
| 2 | K342 16BR/WT | ASD CONTROL OUTPUT |
| 3 | Z1 18BK | GROUND |




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

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

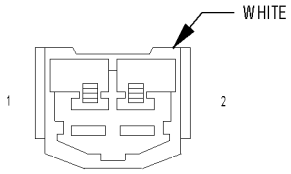
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | A917 18RD | FUSED B(+) |
| B | K333 18DB/LB | SOLENOID REVERSE LOCKOUT FEED |




**SOLENOID-
WASTEGATE
(DIESEL)**

SOLENOID-WASTEGATE (DIESEL) - 2 WAY

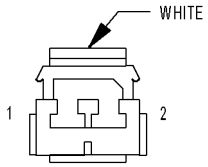
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | K139 18DB | WASTEGATE SOLENOID CONTROL |
| B | A212 18PK/YL | FUSED B(+) |




**SPEAKER-
INSTRUMENT
PANEL-
CENTER
(SRT)**

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

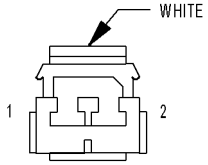
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X290 18GY/OR | CENTER INSTRUMENT PANEL SPEAKER (-) |
| 2 | X200 18GY/BR | CENTER INSTRUMENT PANEL SPEAKER (+) |




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

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

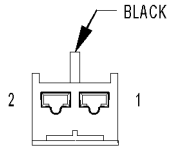
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X290 18GY/OR | CENTER INSTRUMENT PANEL SPEAKER (-) |
| 2 | X200 18GY/BR | CENTER INSTRUMENT PANEL SPEAKER (+) |




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

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

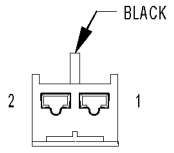
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X209 18GY/OR | LEFT INSTRUMENT PANEL SPEAKER (+) |
| 2 | X299 18GY/YL | LEFT INSTRUMENT PANEL SPEAKER (-) |




**SPEAKER-
INSTRUMENT
PANEL-
LEFT
(SRT)**

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

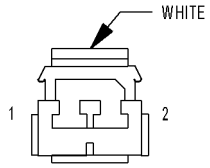
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X209 18GY/OR | LEFT INSTRUMENT PANEL SPEAKER (+) |
| 2 | X299 18GY/YL | LEFT INSTRUMENT PANEL SPEAKER (-) |




**SPEAKER-
INSTRUMENT
PANEL-
RIGHT
(SRT)**

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

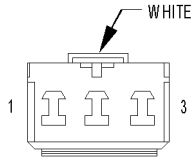
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X208 18GY/DG | RIGHT INSTRUMENT PANEL SPEAKER (+) |
| 2 | X298 18GY/LG | RIGHT INSTRUMENT PANEL SPEAKER (-) |




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

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

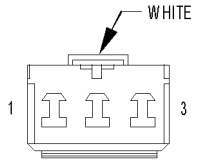
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X208 18GY/DG | RIGHT INSTRUMENT PANEL SPEAKER (+) |
| 2 | X298 18GY/LG | RIGHT INSTRUMENT PANEL SPEAKER (-) |




**SPEAKER-
LEFT
FRONT DOOR**

SPEAKER-LEFT FRONT DOOR - WHITE 3 WAY

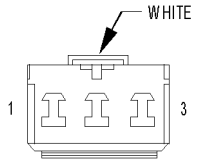
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X155 18DG/LB | LEFT FRONT DOOR SPEAKER (-) |
| 2 | - | - |
| 3 | X153 18DG/YL | LEFT FRONT DOOR SPEAKER (+) |




**SPEAKER-
LEFT REAR**

SPEAKER-LEFT REAR - WHITE 3 WAY

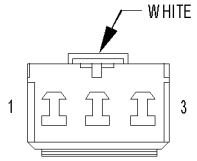
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X205 18GY/LG | LEFT REAR SPEAKER (+) |
| 2 | - | - |
| 3 | X295 18GY/DG | LEFT REAR SPEAKER (-) |




**SPEAKER-
RIGHT
FRONT DOOR**

SPEAKER-RIGHT FRONT DOOR - WHITE 3 WAY

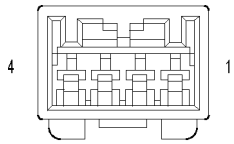
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X156 18GY/LB | RIGHT FRONT DOOR SPEAKER (-) |
| 2 | - | - |
| 3 | X154 18GY/YL | RIGHT FRONT DOOR SPEAKER (+) |




**SPEAKER-
RIGHT REAR**

SPEAKER-RIGHT REAR - WHITE 3 WAY

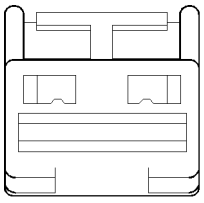
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X206 18DG/LG | RIGHT REAR SPEAKER (+) |
| 2 | - | - |
| 3 | X296 18DG/GY | RIGHT REAR SPEAKER (-) |




**SPEAKER-
SUBWOOFER
(SRT)**

SPEAKER-SUBWOOFER (SRT) - 4 WAY

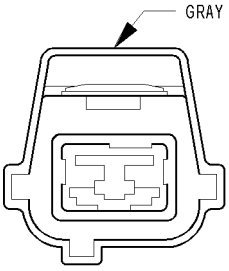
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X390 16DG/BR | AMPLIFIED SUBWOOFER 1 (-) |
| 2 | X300 16GY/BR | AMPLIFIED SUBWOOFER 1 (+) |
| 3 | X391 16DG/WT | AMPLIFIED SUBWOOFER 2 (-) |
| 4 | X301 16GY/WT | AMPLIFIED SUBWOOFER 2 (+) |



**STARTER
(NGC)**

STARTER (NGC) - 1 WAY

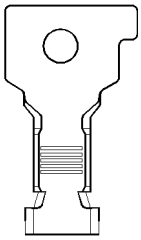
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T750 14YL/GY | STARTER MOTOR CONTROL OUTPUT |




**STARTER (DIESEL)**

STARTER (DIESEL) - GRAY 1 WAY

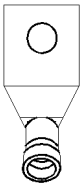
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T750 14YL/GY | STARTER MOTOR CONTROL OUTPUT |



**STARTER- EYELET (SRT)**

STARTER-EYELET (SRT) - 1 WAY

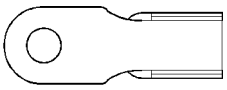
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A8 6RD | B(+) |



**STARTER- EYELET (5.7L)**

STARTER-EYELET (5.7L) - 1 WAY

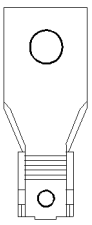
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A8 6RD | B(+) |



**STARTER- EYELET (DIESEL)**

STARTER-EYELET (DIESEL) - 1 WAY

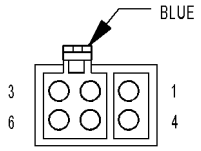
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A8 2RD | B(+) |



**STARTER- EYELET (3.7L/4.7L)**

STARTER-EYELET (3.7L/4.7L)

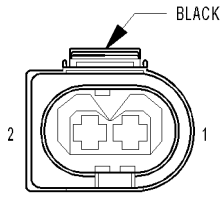
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A8 6RD | B(+) |




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

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

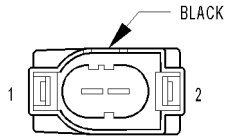
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P206 18LG/LB | ADJUSTABLE PEDALS MOTOR REARWARD |
| 2 | A72 18RD/OR | ADJUSTABLE PEDALS OUTPUT |
| 3 | - | - |
| 4 | Z146 18BK | GROUND |
| 5 | F504 20GY/PK | FUSED IGNITION SWITCH OUTPUT (RUN) |
| 6 | P205 18LG/WT | ADJUSTABLE PEDALS MOTOR FORWARD |




**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

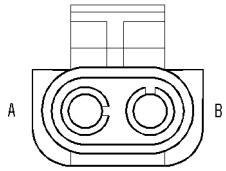
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z965 20BK | GROUND |
| 2 | L10 20WT/GY | FUSED IGNITION SWITCH OUTPUT (RUN) |




**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

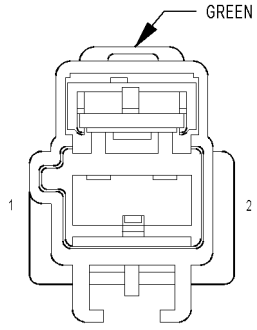
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z965 20BK | GROUND |
| 2 | L10 20WT/GY | FUSED IGNITION SWITCH OUTPUT (RUN) |




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

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

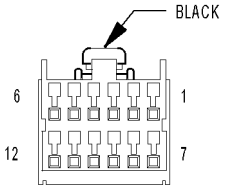
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | L10 18WT/GY | FUSED IGNITION SWITCH OUTPUT (RUN) |
| B | Z965 18BK | GROUND |




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

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

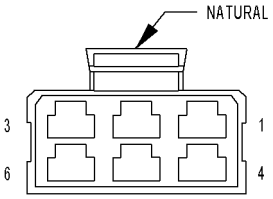
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T41 20YL/DB | PARK/NEUTRAL POSITION SWITCH SENSE (T41) |
| 2 | Z911 20BK | GROUND |




**SWITCH-
DISCONNECTING
STABILIZER BAR**

SWITCH-DISCONNECTING STABILIZER BAR - BLACK 12 WAY

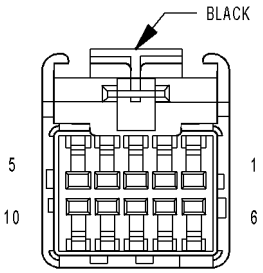
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T537 20YL/LG | LOCKER SWITCH SUPPLY |
| 2 | T535 20YL/BR | LOCKER SWITCH SENSE |
| 3 | T531 20YL/TN | STABILIZER BAR SWITCH SENSE |
| 4 | T536 20YL/WT | SWITCH SUPPLY |
| 5 | T532 20YL/GY | LOCKER OPEN ILLUMINATION SENSE |
| 6 | T533 20YL/LB | LOCKER REAR 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

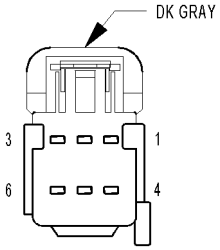
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G160 20VT/LG | PASSENGER DOOR LOCK SWITCH MUX |
| 2 | F21 20PK/DG | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 3 | - | - |
| 4 | - | - |
| 5 | Z917 20BK | GROUND |
| 6 | - | - |




**SWITCH-
HEADLAMP**

SWITCH-HEADLAMP - BLACK 10 WAY

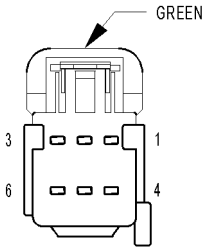
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | L116 20WT/LG | HEADLAMP/FOG LAMP SWITCH SIGNAL |
| 2 | E2 20OR/BR | PANEL LAMPS DIMMER SIGNAL |
| 3 | L115 20WT/YL | HEADLAMP SWITCH RETURN |
| 4 | E19 20OR/BR | HEADLAMP SWITCH DIMMER SIGNAL |
| 5 | Z407 20BK/OR | GROUND |
| 6 | L914 20WT/LG | CARGO LAMP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




**SWITCH-HEATED SEAT-DRIVER**

SWITCH-HEATED SEAT-DRIVER - DK GRAY 6 WAY

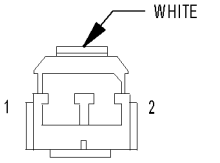
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z301 20TN/BK | GROUND |
| 2 | P301 20LG/OR | PANEL LAMPS DRIVER |
| 3 | P693 18LG/WT | DRIVER SEAT HEATER SUPPLY |
| 4 | F504 20GY/PK | FUSED IGNITION SWITCH OUTPUT (RUN) |
| 5 | - | - |
| 6 | A930 16RD | FUSED B(+) |




**SWITCH-HEATED SEAT-PASSENGER**

SWITCH-HEATED SEAT-PASSENGER - GREEN 6 WAY

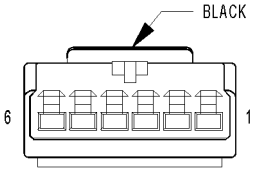
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z302 20LG/BK | GROUND |
| 2 | P301 20LG/OR | PANEL LAMPS DRIVER |
| 3 | P95 18LG/WT | PASSENGER SEAT HEATER SUPPLY |
| 4 | F504 20GY/PK | FUSED IGNITION SWITCH OUTPUT (RUN) |
| 5 | - | - |
| 6 | A930 16RD | FUSED B(+) |




**SWITCH-HORN**

SWITCH-HORN - WHITE 2 WAY

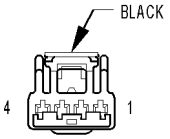
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X3 20DG/VT | HORN SWITCH SENSE |
| 2 | - | - |




**SWITCH-IGNITION**

SWITCH-IGNITION - BLACK 6 WAY

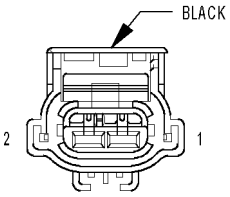
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G900 20VT/OR | IGNITION SWITCH SENSE RETURN |
| 2 | G20 20VT/BR | IGNITION SWITCH SENSE SIGNAL |
| 3 | F20 20PK/WT | IGNITION SWITCH OUTPUT (RUN-START) |
| 4 | T753 20DG/YL (EXCEPT SRT) | IGNITION SWITCH OUTPUT (START) |
| 5 | - | - |
| 6 | A106 20LB/RD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




**SWITCH-MULTIFUCTION**

SWITCH-MULTIFUNCTION - BLACK 4 WAY

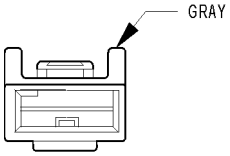
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G194 20VT/LG | WASH/BEAM SELECT SWITCH SIGNAL |
| 2 | L900 20WT/YL | WIPER/TURN/BEAM SELECT SWITCH RETURN |
| 3 | L12 20WT/OR | TURN LAMPS SWITCH SIGNAL |
| 4 | W52 20BR/YL | INTERMITTENT WIPER SWITCH SIGNAL |




**SWITCH-OIL PRESSURE (EXCEPT SRT)**

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

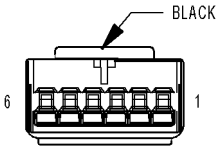
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G6 18VT/GY | OIL PRESSURE SIGNAL |
| 2 | - | - |




**SWITCH-PARKING BRAKE**

SWITCH-PARKING BRAKE - GRAY 1 WAY

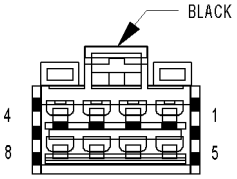
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | B25 20DG/WT | PARK BRAKE SWITCH SENSE |




**SWITCH-PASSENGER AIRBAG ON/OFF**

SWITCH-PASSENGER AIRBAG ON/OFF - BLACK 6 WAY

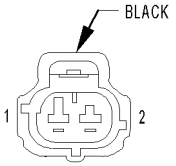
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | R106 20LG/LB | PASSENGER AIRBAG MUX SWITCH SENSE |
| 2 | R104 20LB/LG | PASSENGER AIRBAG MUX SWITCH RETURN |
| 3 | G104 20VT/GY | PASSENGER AIRBAG INDICATOR DRIVER |
| 4 | F201 20PK/OR | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 5 | - | - |
| 6 | -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




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

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

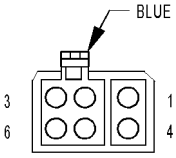
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | Z794 12BK | GROUND |
| 3 | Z975 12BK | GROUND |
| 4 | F30 12PK/YL | FUSED IGNITION SWITCH OUTPUT (RUN-ACC) |
| 5 | Q950 12OR/LG | POWER BACKLITE OPEN (+) |
| 6 | P301 20LG/OR | PANEL LAMPS DRIVER |
| 7 | Z976 20BK | GROUND |
| 8 | Q951 12OR/VT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




**SWITCH-POWER STEERING PRESSURE (5.7L)**

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

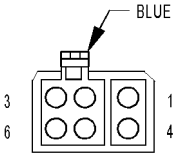
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z988 20BK | GROUND |
| 2 | K66 20DB/WT | P/S SWITCH SIGNAL |




**SWITCH-POWER WINDOW-LEFT REAR**

SWITCH-POWER WINDOW-LEFT REAR - BLUE 6 WAY

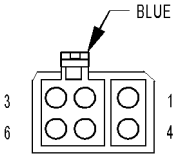
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Q111 14TN/YL (EXCEPT MEGA CAB) | DRIVER REAR WINDOW DRIVER (UP) |
| 1 | Q211 14TN/LB (MEGA CAB) | DRIVER REAR WINDOW DRIVER (DOWN) |
| 2 | Q611 14OR/GY | LEFT REAR WINDOW DRIVER (DOWN) |
| 3 | - | - |
| 4 | Q411 14OR/WT | LEFT REAR WINDOW DRIVER (UP) |
| 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**

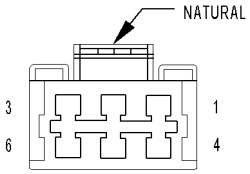
SWITCH-POWER WINDOW-RIGHT REAR - BLUE 6 WAY

| 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 |

**CONNECTOR NOT AVAILABLE**

SWITCH-PTO (NGC) - 1 WAY

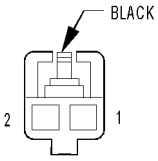
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G113 20VT | PTO SWITCH SENSE |




**SWITCH-PUSH-BUTTON STARTER (SRT)**

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

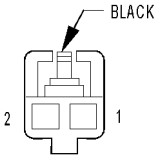
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | - | - |
| 2 | A106 20LB/RD | FUSED B(+) |
| 3 | T753 20DG/YL | MANUAL CLUTCH INTERLOCK START FEED |
| 4 | - | - |
| 5 | - | - |
| 6 | - | - |




**SWITCH-REMOTE RADIO-LEFT**

SWITCH-REMOTE RADIO-LEFT - BLACK 2 WAY

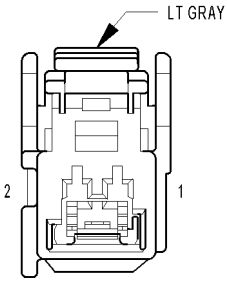
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X20 22GY/WT | RADIO CONTROL MUX |
| 2 | G902 22WT/BR | GROUND |




**SWITCH-REMOTE RADIO-RIGHT**

SWITCH-REMOTE RADIO-RIGHT - BLACK 2 WAY

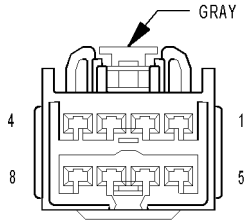
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | X20 22GY/WT | RADIO CONTROL MUX |
| 2 | G902 22WT/BR | GROUND |




**SWITCH-SEAT BELT-DRIVER**

SWITCH-SEAT BELT-DRIVER - LT GRAY 2 WAY

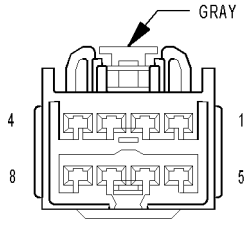
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Z917 20BK | GROUND |
| 2 | R57 20LG/GY | DRIVER SEAT BELT SWITCH SENSE |




**SWITCH-SEAT-DRIVER**

SWITCH-SEAT-DRIVER - GRAY 8 WAY

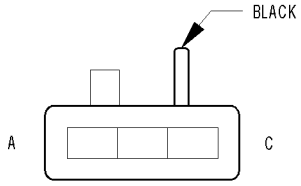
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P19 12LG/LB | DRIVER SEAT FRONT UP DRIVER |
| 2 | Z939 14BK | GROUND |
| 3 | P15 12LG/WT | DRIVER SEAT HORIZONTAL FORWARD DRIVER |
| 4 | A210 12OR/RD | FUSED B(+) |
| 5 | P11 12LG/YL | DRIVER SEAT REAR UP DRIVER |
| 6 | P17 12LG/DG | DRIVER SEAT HORIZONTAL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

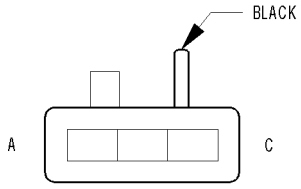
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P20 12LG/LB | PASSENGER SEAT FRONT UP DRIVER |
| 2 | Z939 14BK | GROUND |
| 3 | P14 12LG/OR | PASSENGER SEAT HORIZONTAL FORWARD DRIVER |
| 4 | A210 12OR/RD | FUSED B(+) |
| 5 | P12 12LG/YL | PASSENGER SEAT REAR UP DRIVER |
| 6 | P16 12LG/BR | PASSENGER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

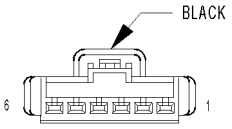
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | V38 22VT/OR (5.7L) | S/C SWITCH NO. 2 SIGNAL |
| B | V937 22DB/DG (5.7L) | S/C SWITCH RETURN |
| B | K900 22DB/DG (EXCEPT 5.7L) | SENSOR GROUND |
| C | V37 22VT | S/C SWITCH NO. 1 SIGNAL |




**SWITCH-SPEED CONTROL-RIGHT**

SWITCH-SPEED CONTROL-RIGHT - BLACK 3 WAY

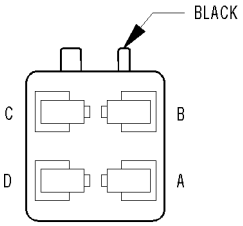
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | V38 22VT/OR (5.7L) | S/C SWITCH NO. 2 SIGNAL |
| B | V937 22DB/DG (5.7L) | S/C SWITCH RETURN |
| B | K900 22DB/DG (EXCEPT 5.7L) | SENSOR GROUND |
| C | V37 22VT | S/C SWITCH NO. 1 SIGNAL |




**SWITCH-STOP LAMP**

SWITCH-STOP LAMP - BLACK 6 WAY

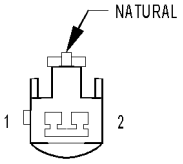
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A103 18GY/RD | FUSED B(+) |
| 2 | L50 18WT/TN | BRAKE LAMP SWITCH OUTPUT |
| 3 | V30 20VT/WT (5.7L) | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 3 | V30 20VT/WT (DIESEL) | GROUND |
| 3 | V30 20VT/WT (GAS EXCEPT 5.7L) | S/C BRAKE SWITCH OUTPUT |
| 4 | 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

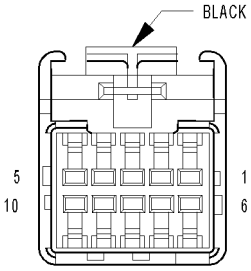
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| A | Q4 20OR/YL | SUNROOF VENT SWITCH SENSE |
| B | Q6 20OR/LG | SUNROOF SWITCH SUPPLY |
| C | Q3 20OR/TN | SUNROOF OPEN SWITCH SENSE |
| D | Q5 20OR/LB | SUNROOF CLOSE SWITCH SENSE |




**SWITCH-TOW/HAUL OVERDRIVE**

SWITCH-TOW/HAUL OVERDRIVE - NATURAL 2 WAY

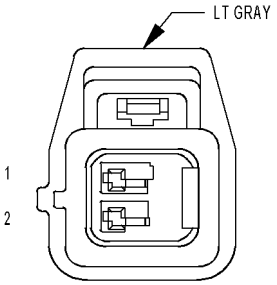
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | T6 20DG | TOW/HAUL OVERDRIVE OFF SWITCH SENSE |
| 2 | Z71 20LB/BK | GROUND |




**SWITCH-TRANSFER CASE SELECTOR (ETC)**

SWITCH-TRANSFER CASE SELECTOR (ETC) - BLACK 10 WAY

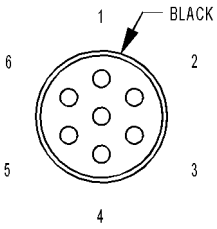
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K77 20BR/WT | TRANSFER CASE POSITION SENSOR INPUT |
| 2 | - | - |
| 3 | K977 20BR/WT | MODE SELECT |
| 4 | E11 20OR/DB | PANEL LAMPS CONTROL |
| 5 | Z905 20BK | GROUND |
| 6 | G95 20VT/BR | NEUTRAL INDICATOR |
| 7 | F21 20PK/DG | FUSED IGNITION SWITCH OUTPUT (RUN-START) |
| 8 | - | - |
| 9 | - | - |
| 10 | - | - |




**SWITCH-WASHER FLUID LEVEL**

SWITCH-WASHER FLUID LEVEL - LT GRAY 2 WAY

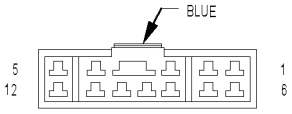
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | G932 20WT/TN | WASHER FLUID SWITCH RETURN |
| 2 | W1 20BR/TN | WASHER FLUID SWITCH SENSE |




**SWITCH-WINCH (POWER WAGON)**

SWITCH-WINCH (POWER WAGON) - BLACK 6 WAY

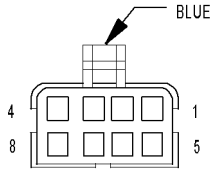
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | BR | WINCH RELAYS CONTROL GROUND |
| 2 | WT | B(+) |
| 3 | - | |
| 4 | DG | WINCH RELAY 1-4 CONTROL FEED |
| 5 | RD | GROUND |
| 6 | BK | WINCH RELAY 2-3 CONTROL FEED |




**SWITCH-WINDOW/DOOR LOCK-DRIVER C1**

SWITCH-WINDOW/DOOR LOCK-DRIVER C1 - BLUE 12 WAY

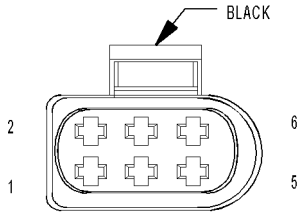
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | Q612 14OR/DB | RIGHT REAR WINDOW DRIVER (DOWN) |
| 2 | Q412 14OR/LB | RIGHT REAR WINDOW DRIVER (UP) |
| 3 | Q16 12OR/TN | MASTER WINDOW SWITCH RIGHT FRONT (UP) |
| 4 | Q411 14OR/WT | LEFT REAR WINDOW DRIVER (UP) |
| 5 | Q11 14OR/LG | LEFT FRONT WINDOW 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) |




**SWITCH-WINDOW/DOOR LOCK-DRIVER C2**

SWITCH-WINDOW/DOOR LOCK-DRIVER C2 - BLUE 8 WAY

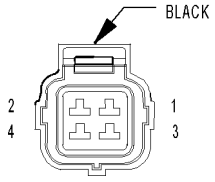
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | P71 18TN/DG | LEFT MIRROR UP DRIVER |
| 2 | P195 18LG/YL | LEFT MIRROR COMMON DRIVER (RIGHT/DOWN) |
| 3 | A940 18RD | FUSED B(+) |
| 4 | P74 18TN/OR | RIGHT MIRROR LEFT DRIVER |
| 5 | Z939 18BK | GROUND |
| 6 | P75 18TN/LG | LEFT MIRROR LEFT DRIVER |
| 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

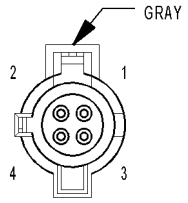
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | K22 20BR/OR | TP NO. 1 SIGNAL |
| 2 | F855 20PK/YL | 5 VOLT SUPPLY |
| 3 | K447 20TN/YL | ETC MOTOR (+) |
| 4 | K122 20BR/DG | TP NO. 2 SIGNAL |
| 5 | K448 20TN/OR | ETC MOTOR (-) |
| 6 | K922 20BR/DB | TP SENSOR RETURN |




**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)**

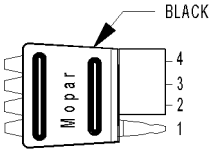
TRANSDUCER-A/C PRESSURE (NGC) - GRAY 4 WAY

| 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 | - | - |

**CONNECTOR NOT AVAILABLE**

WIRING-TRAILER TOW (BOX OFF) - 1 WAY

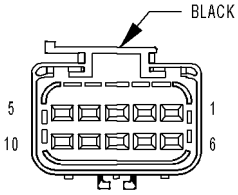
| CAV | CIRCUIT | FUNCTION |
|---|---|---|
| 1 | A100 14RD/VT | FUSED B(+) |
| 1 | B40 14DG | TRAILER TOW BRAKE B(+) |
| 1 | L1 18WT/LG | BACKUP LAMP FEED |
| 1 | L673 18YL | TRAILER TOW LEFT TURN RELAY OUTPUT |
| 1 | L674 18LG | TRAILER TOW RIGHT TURN RELAY OUTPUT |
| 1 | L678 18BR | FUSED PARK LAMP 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 |

# 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

| 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 |

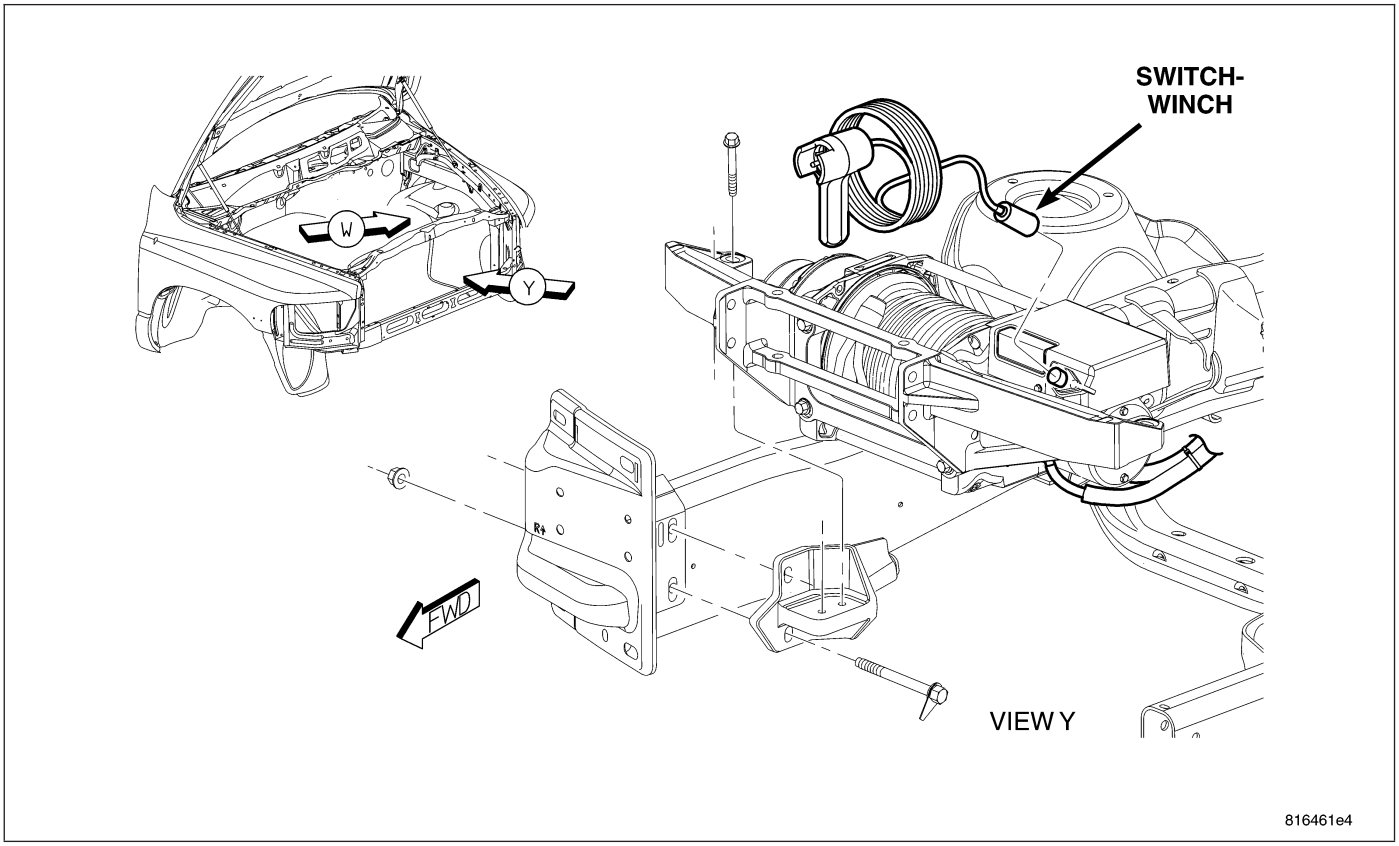



*Fig. 1 WINCH ASSEMBLY (POWER WAGON)*

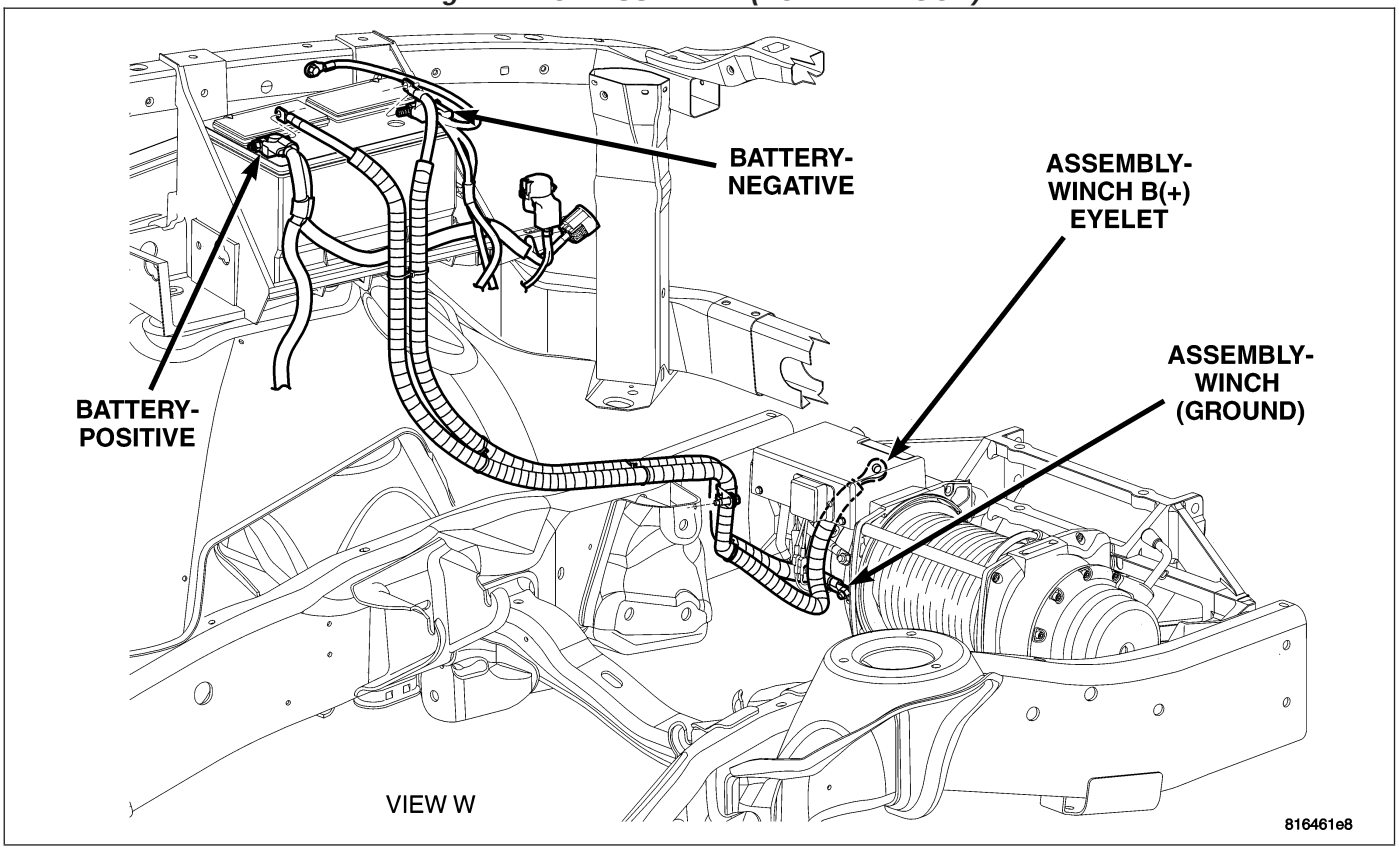



*Fig. 2 FRONT FRAME (POWER WAGON)*

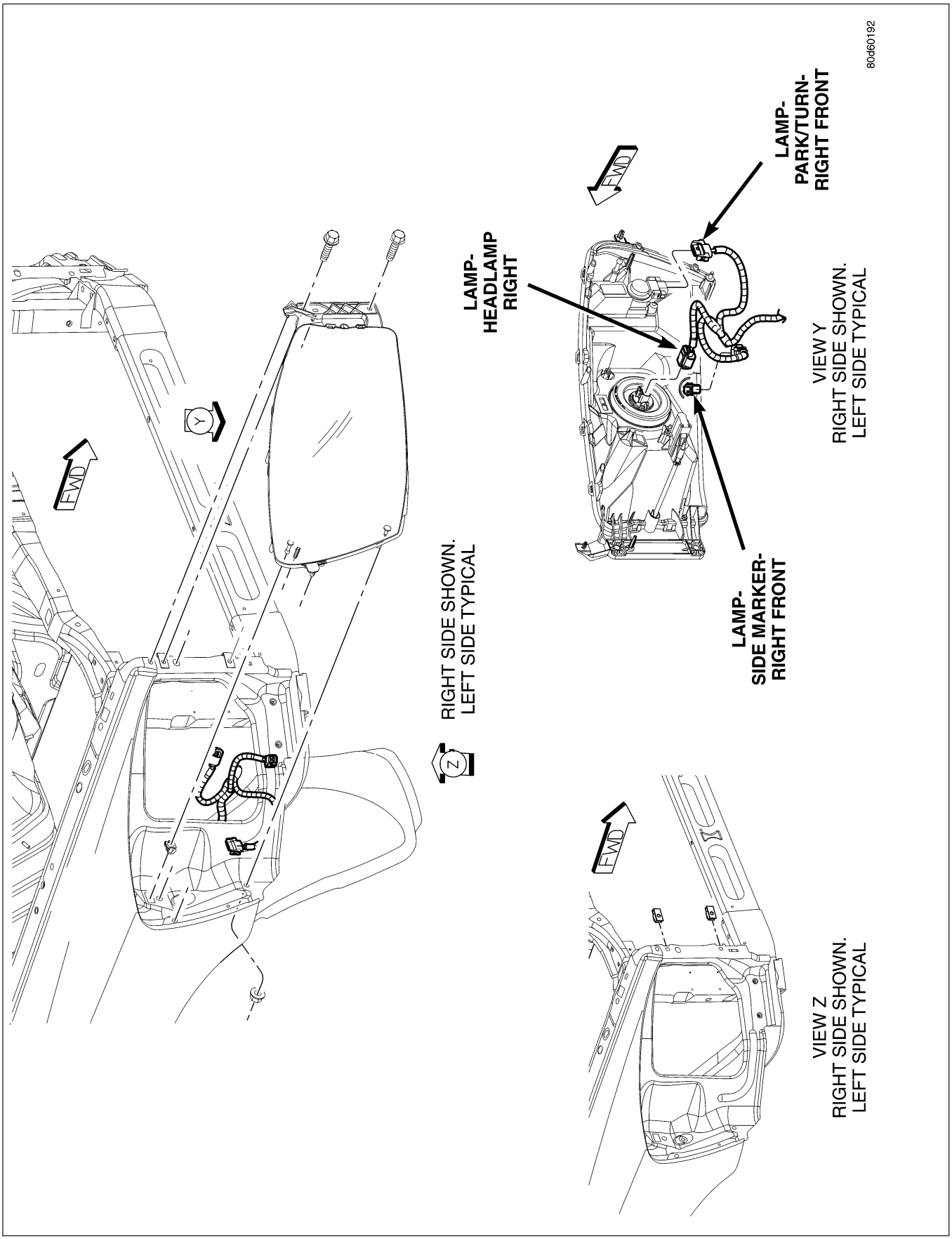



*Fig. 3 RIGHT SIDE FRONT LIGHTING*

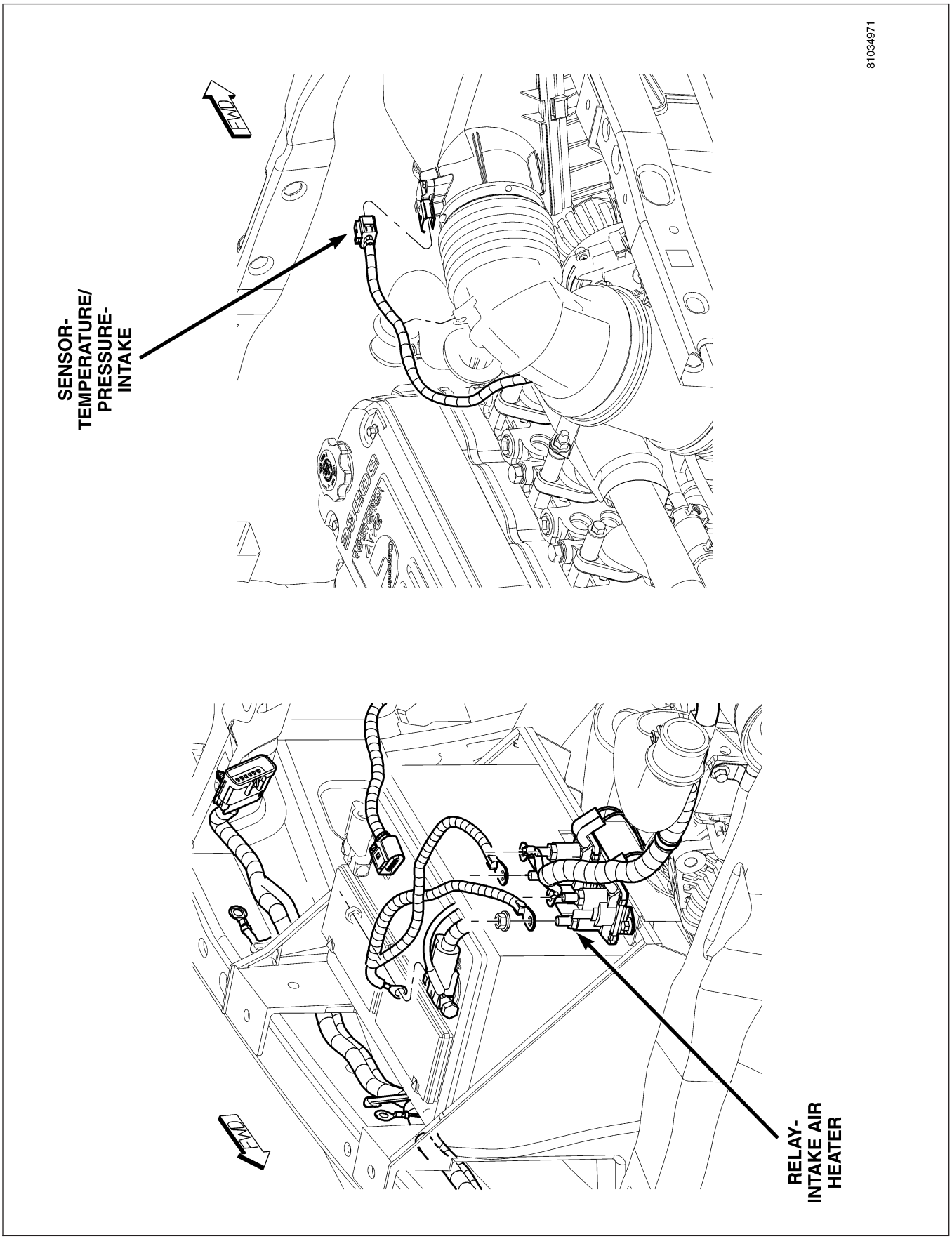



*Fig. 4 RIGHT BATTERY AND ENGINE*

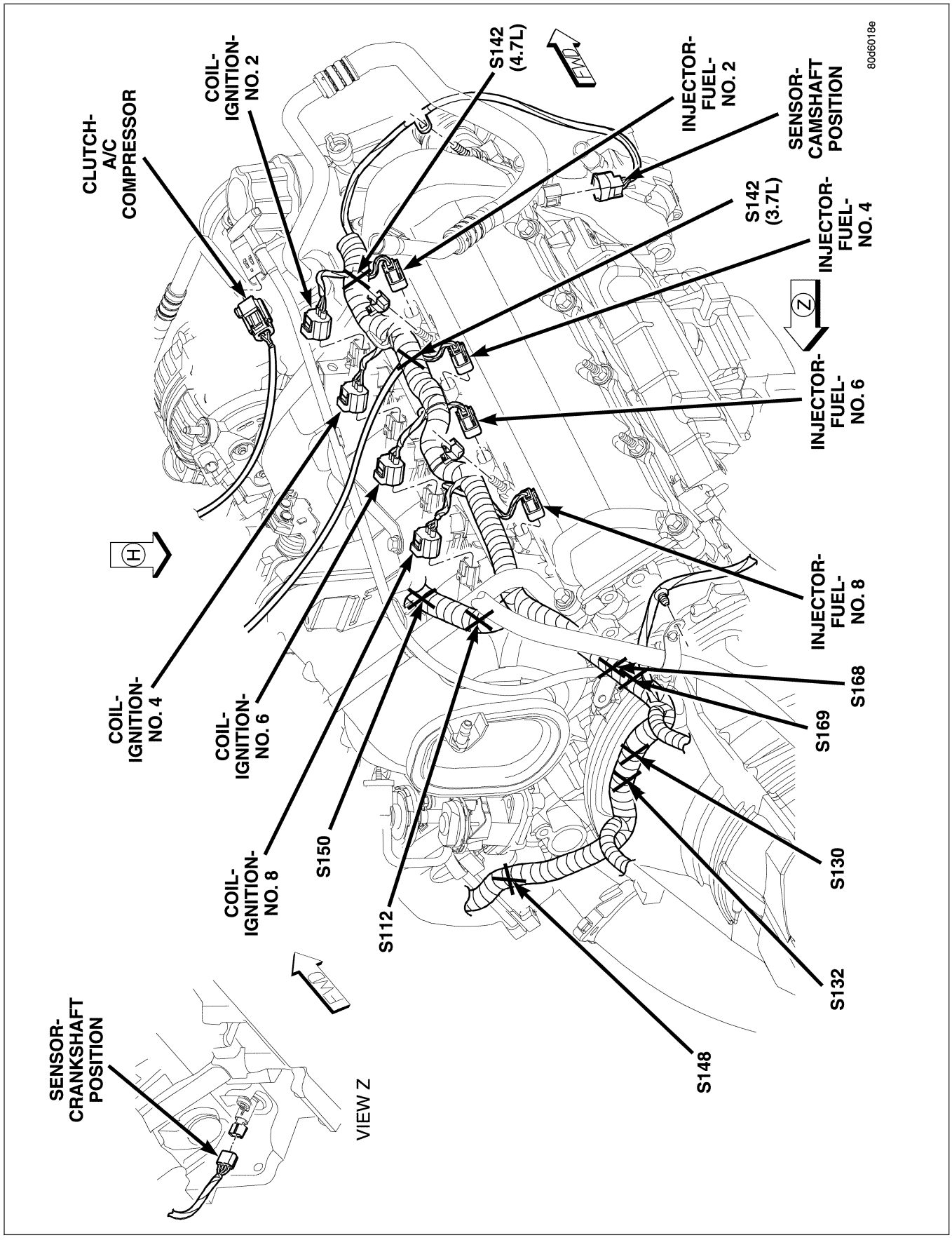



*Fig. 5 RIGHT SIDE ENGINE - 3.7L/4.7L*

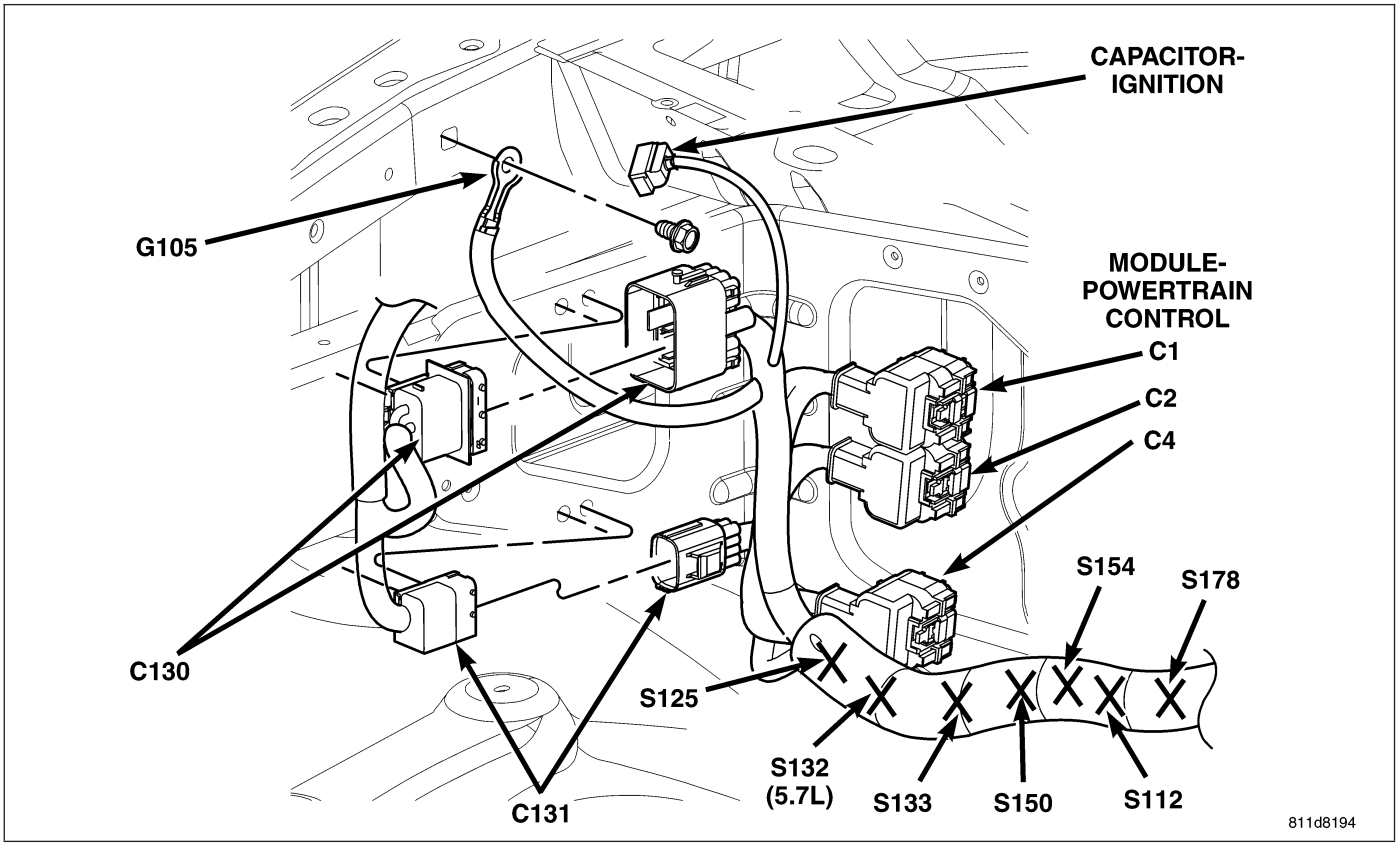



*Fig. 6 RIGHT REAR ENGINE COMPARTMENT - NGC*

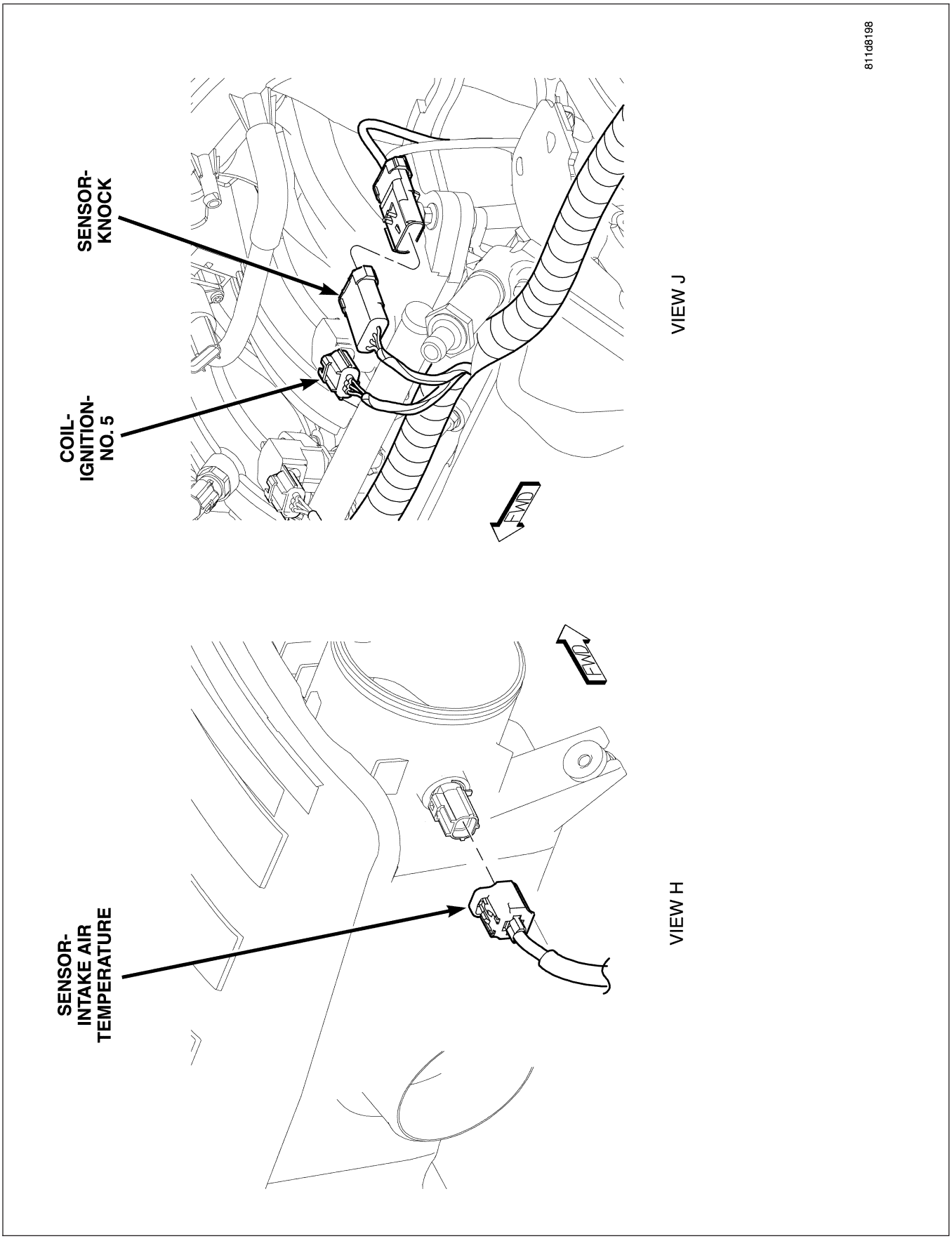



*Fig. 7 RIGHT TOP ENGINE (3.7L/4.7L)*

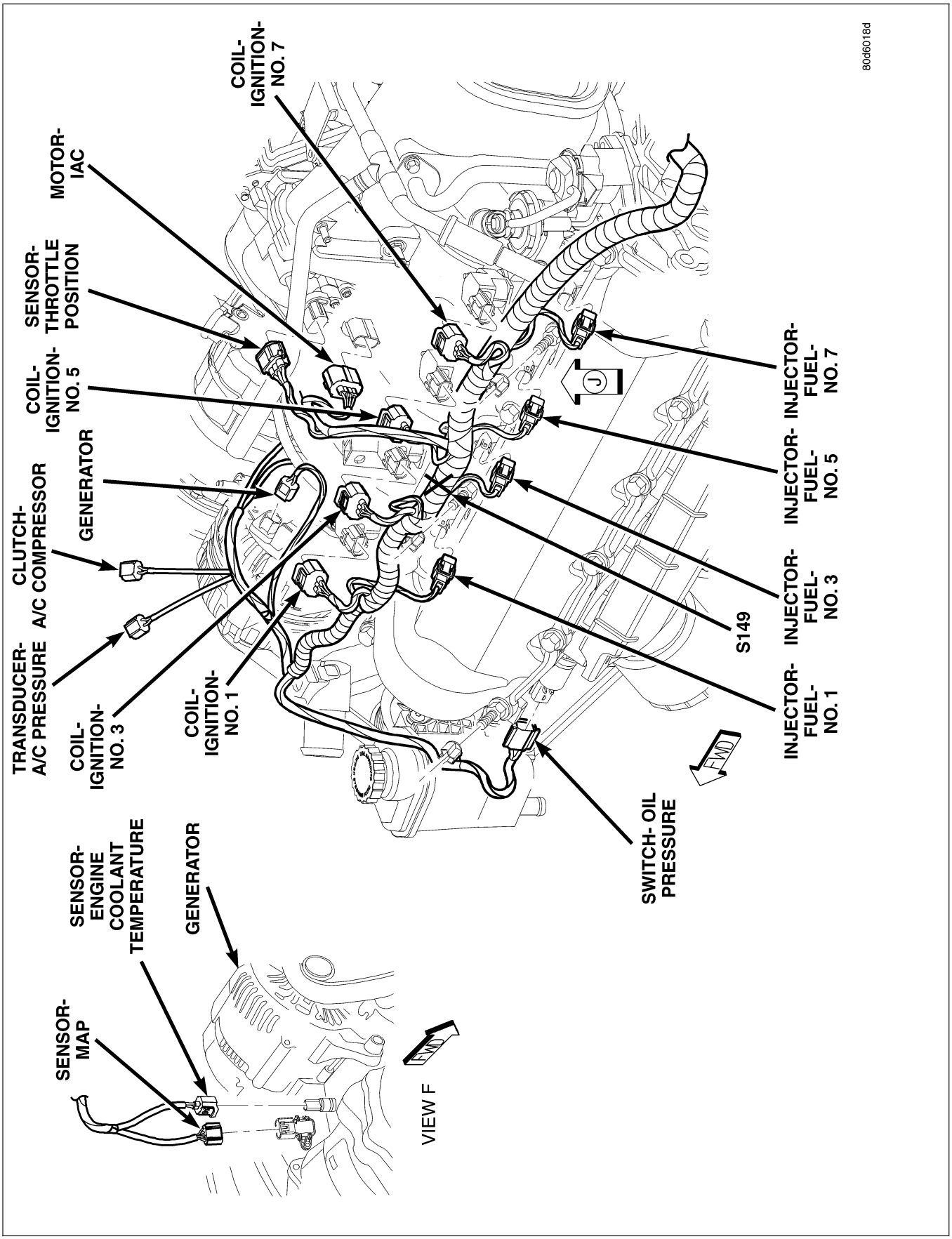



*Fig. 8 LEFT SIDE ENGINE (3.7L/4.7L)*

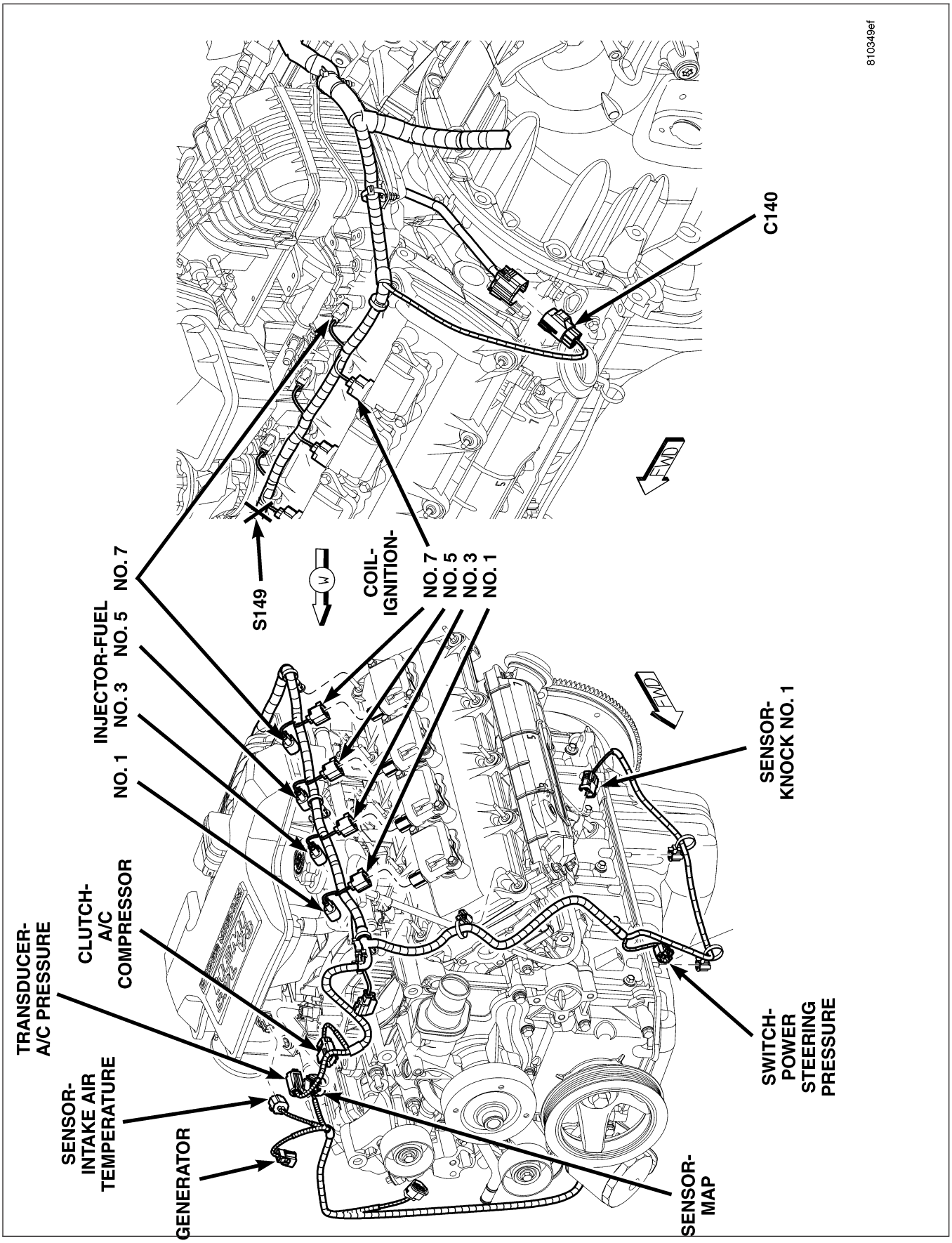



*Fig. 9 LEFT SIDE ENGINE (5.7L)*

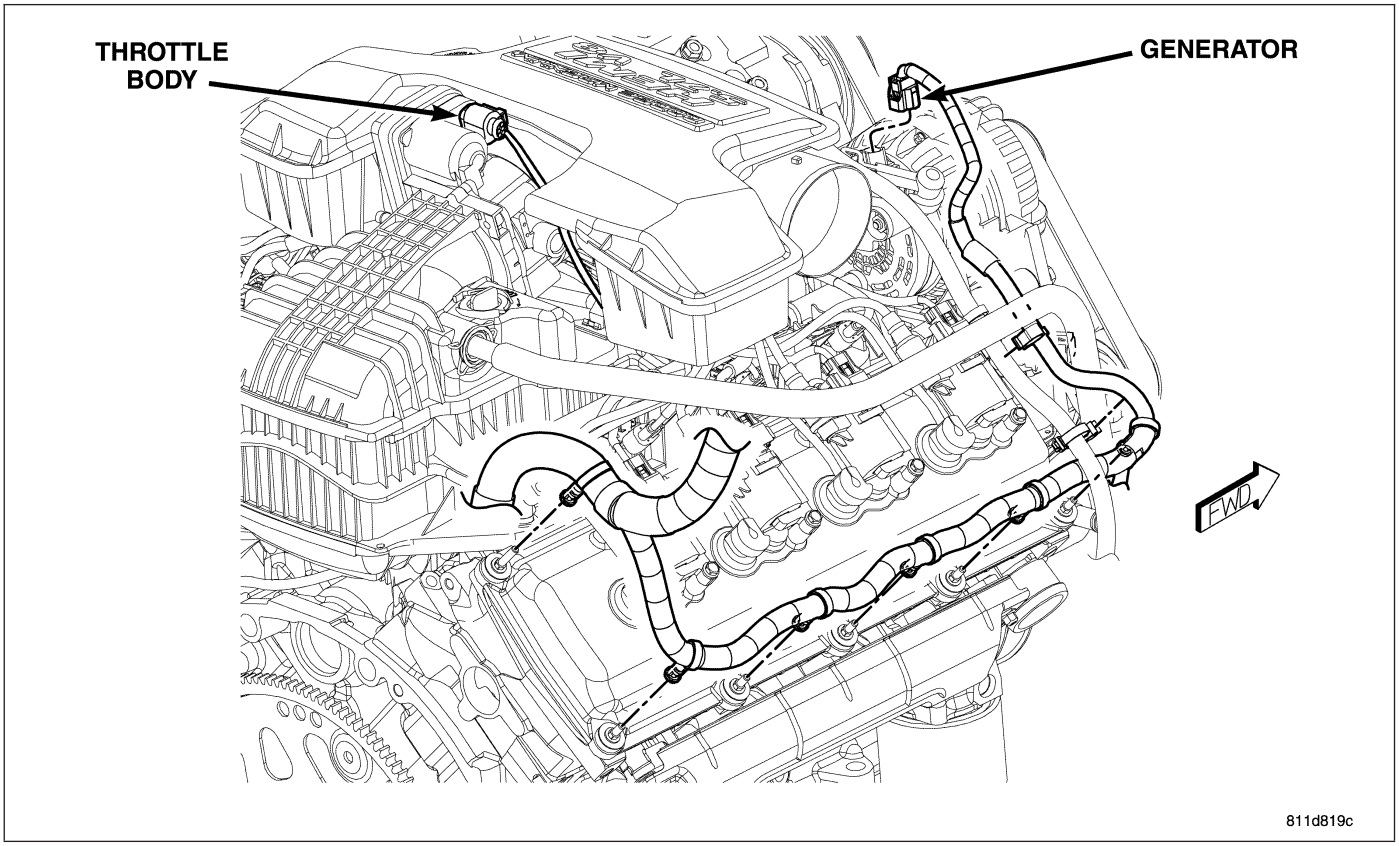



*Fig. 10 RIGHT REAR ENGINE (5.7L)*

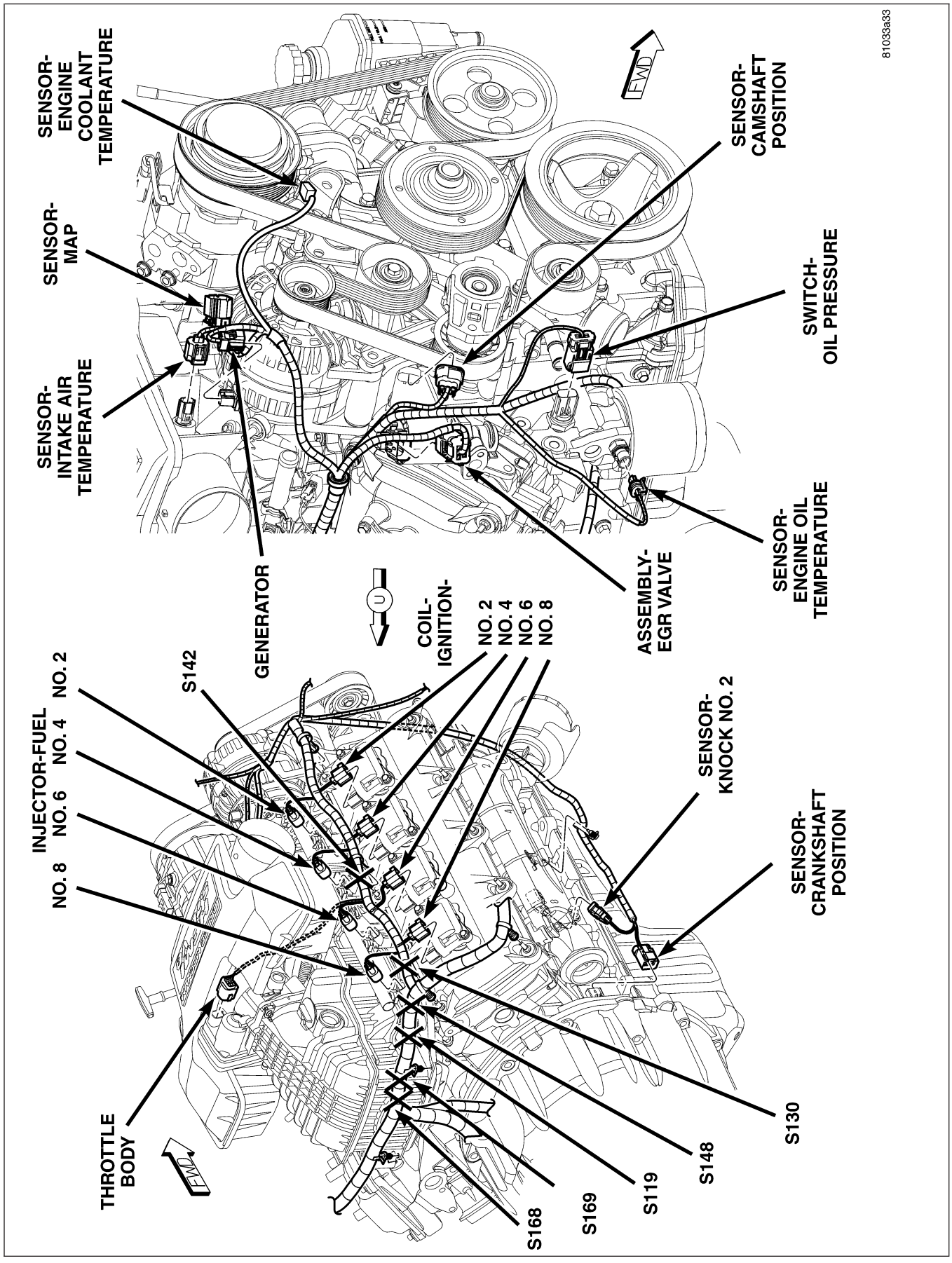



*Fig. 11 RIGHT AND FRONT ENGINE (5.7L)*

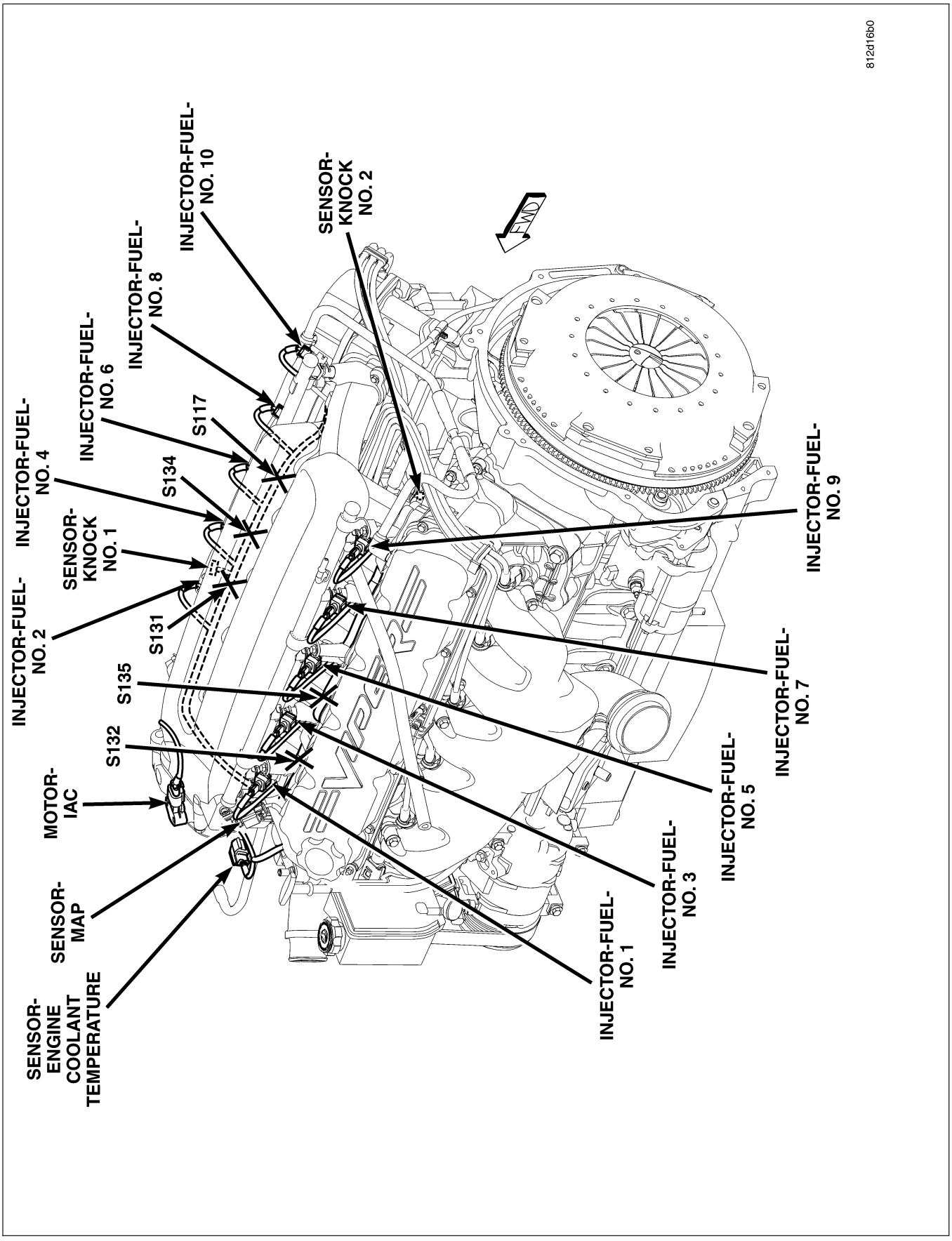



*Fig. 12 LEFT REAR ENGINE (SRT)*

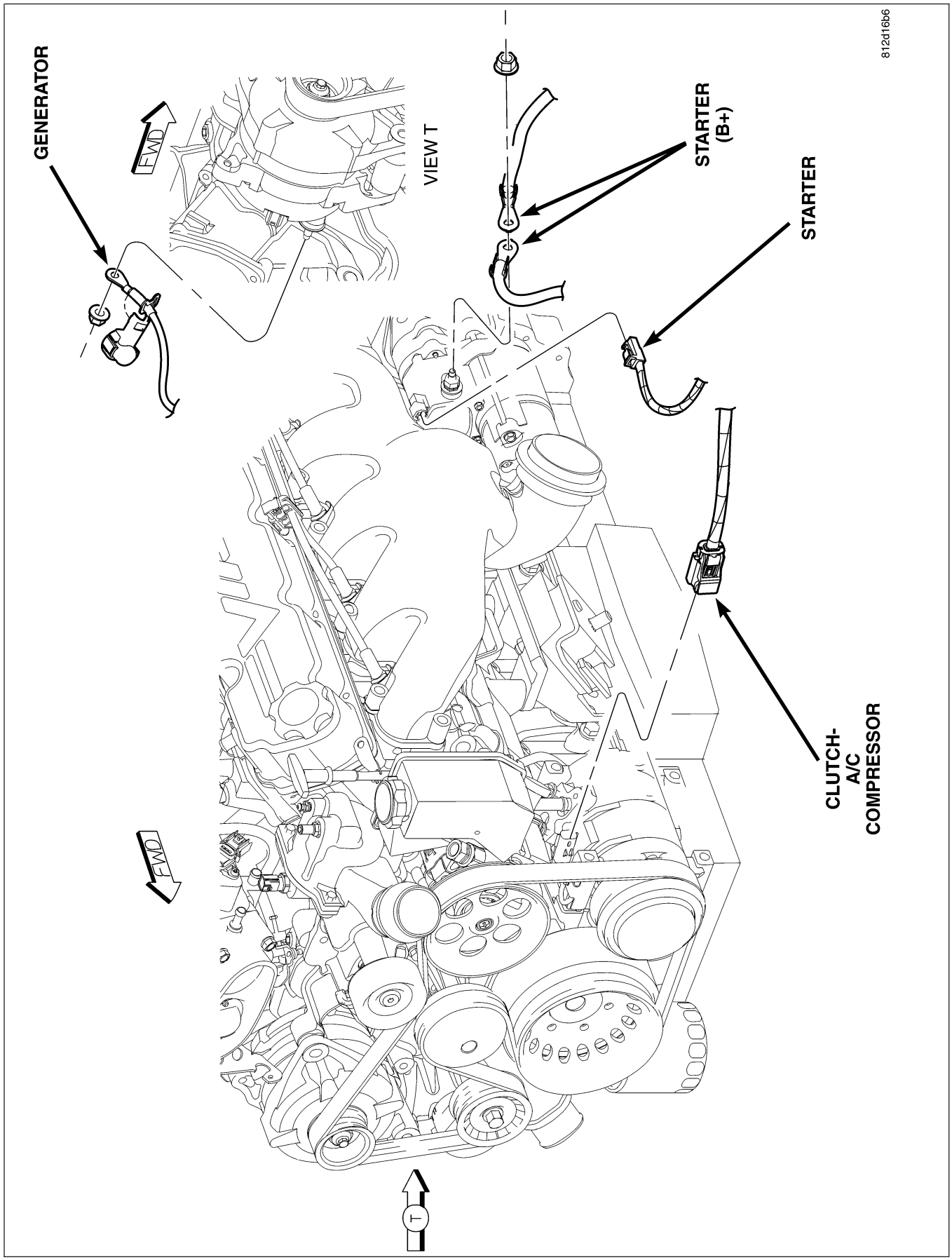



*Fig. 13 FRONT ENGINE (SRT)*

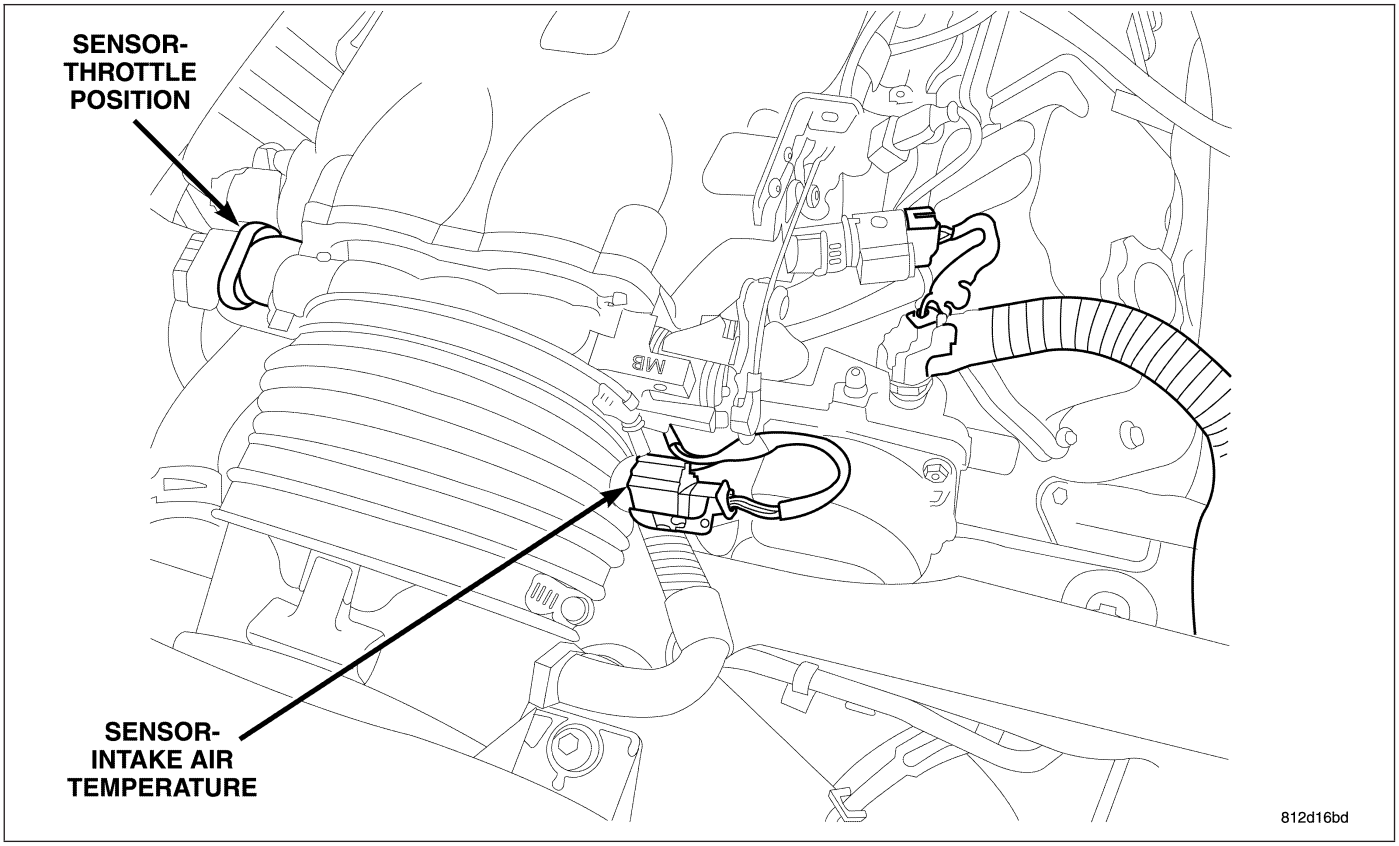



*Fig. 14 LEFT FRONT ENGINE (SRT)*

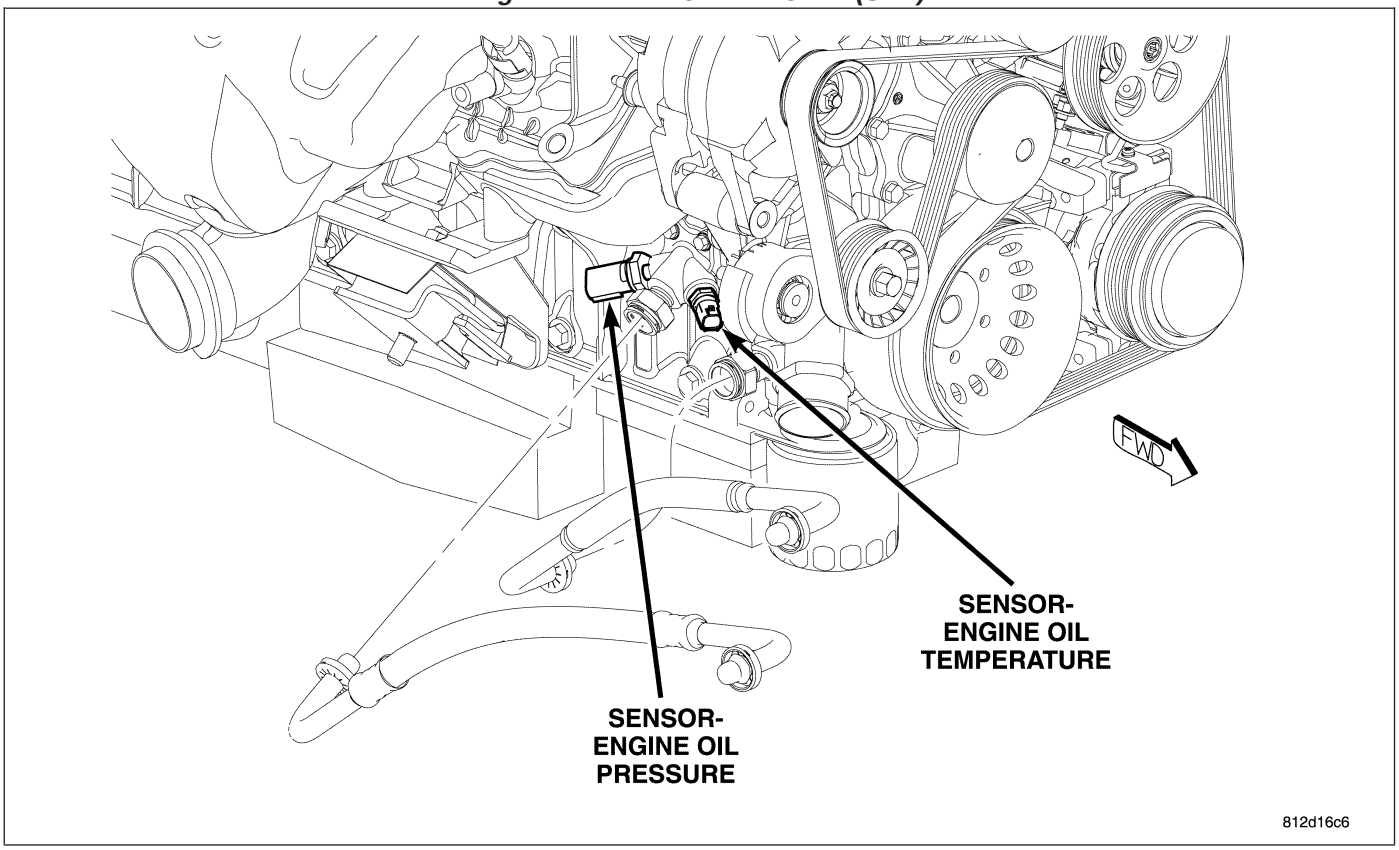



*Fig. 15 RIGHT FRONT ENGINE (SRT)*

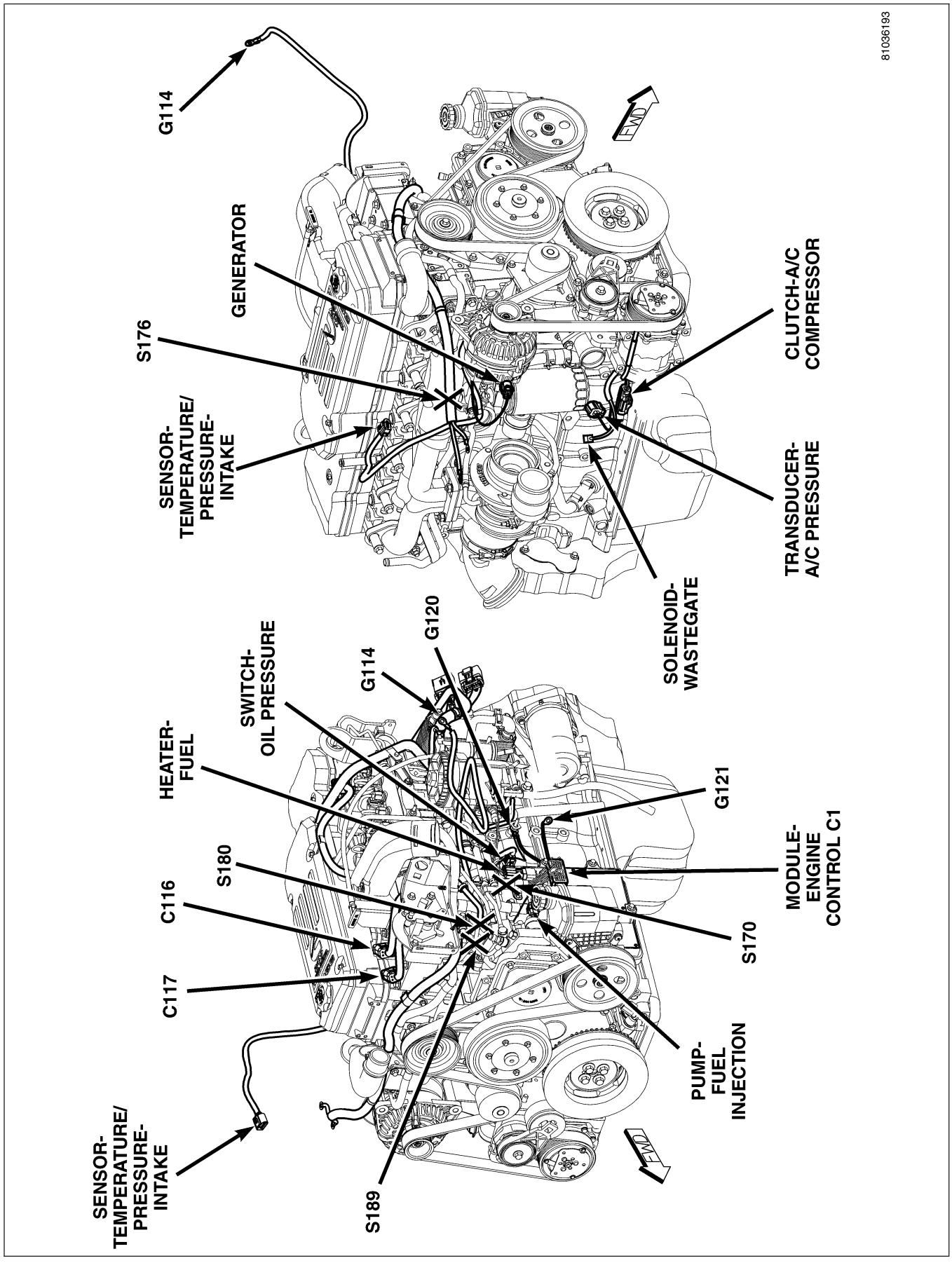



*Fig. 16 ENGINE (DIESEL)*

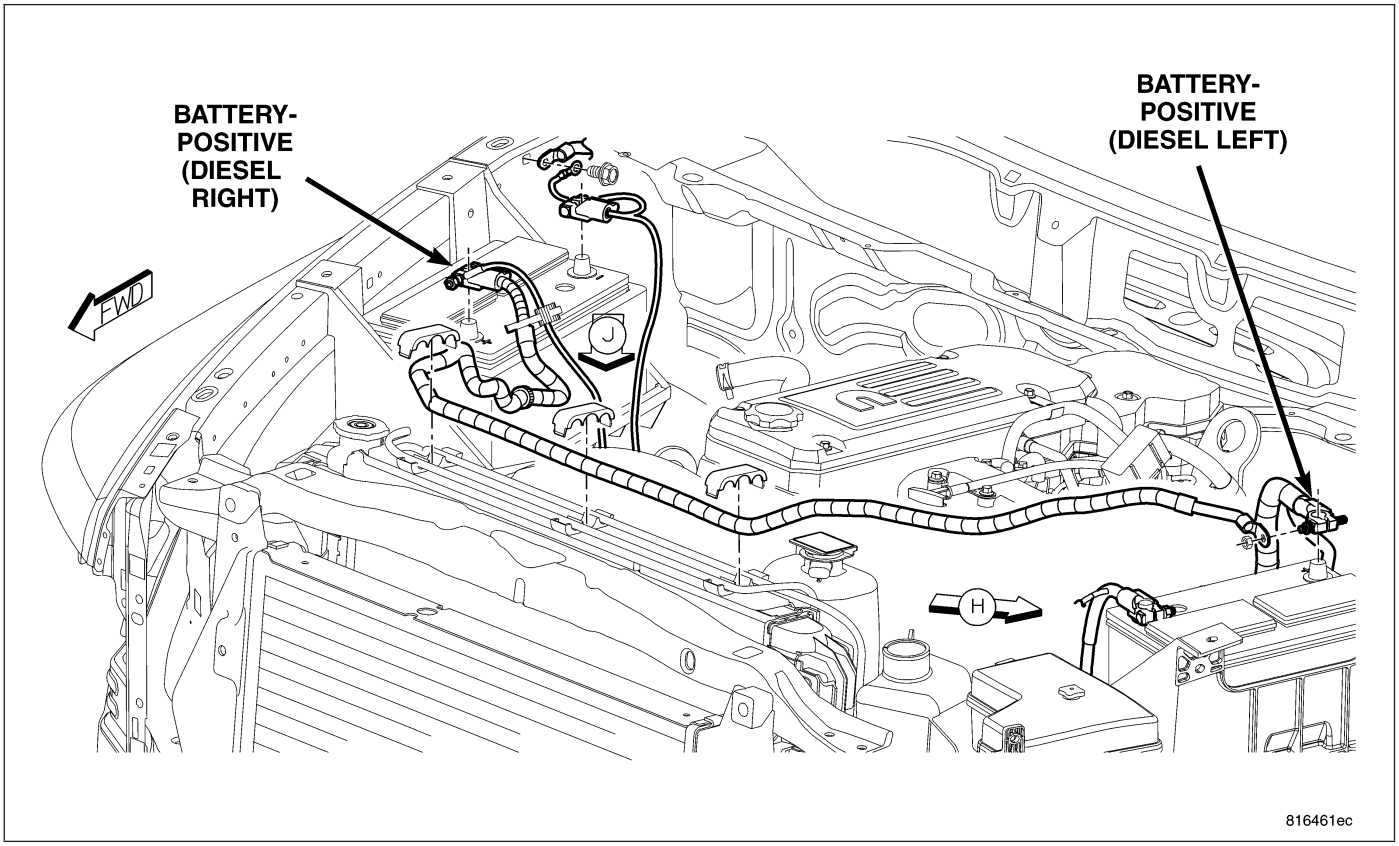



*Fig. 17 DIESEL BATTERIES*

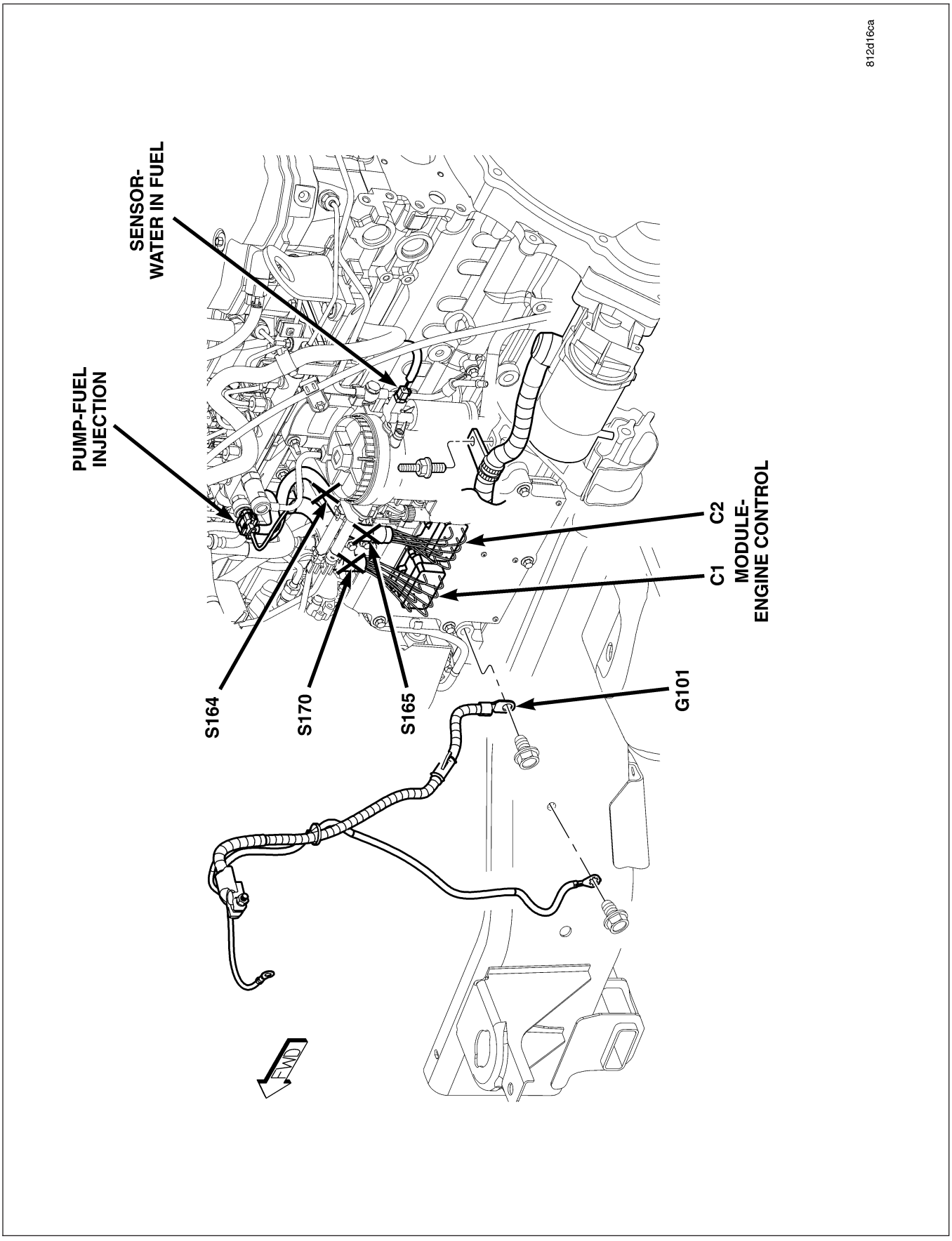



*Fig. 18 LEFT SIDE ENGINE (DIESEL)*

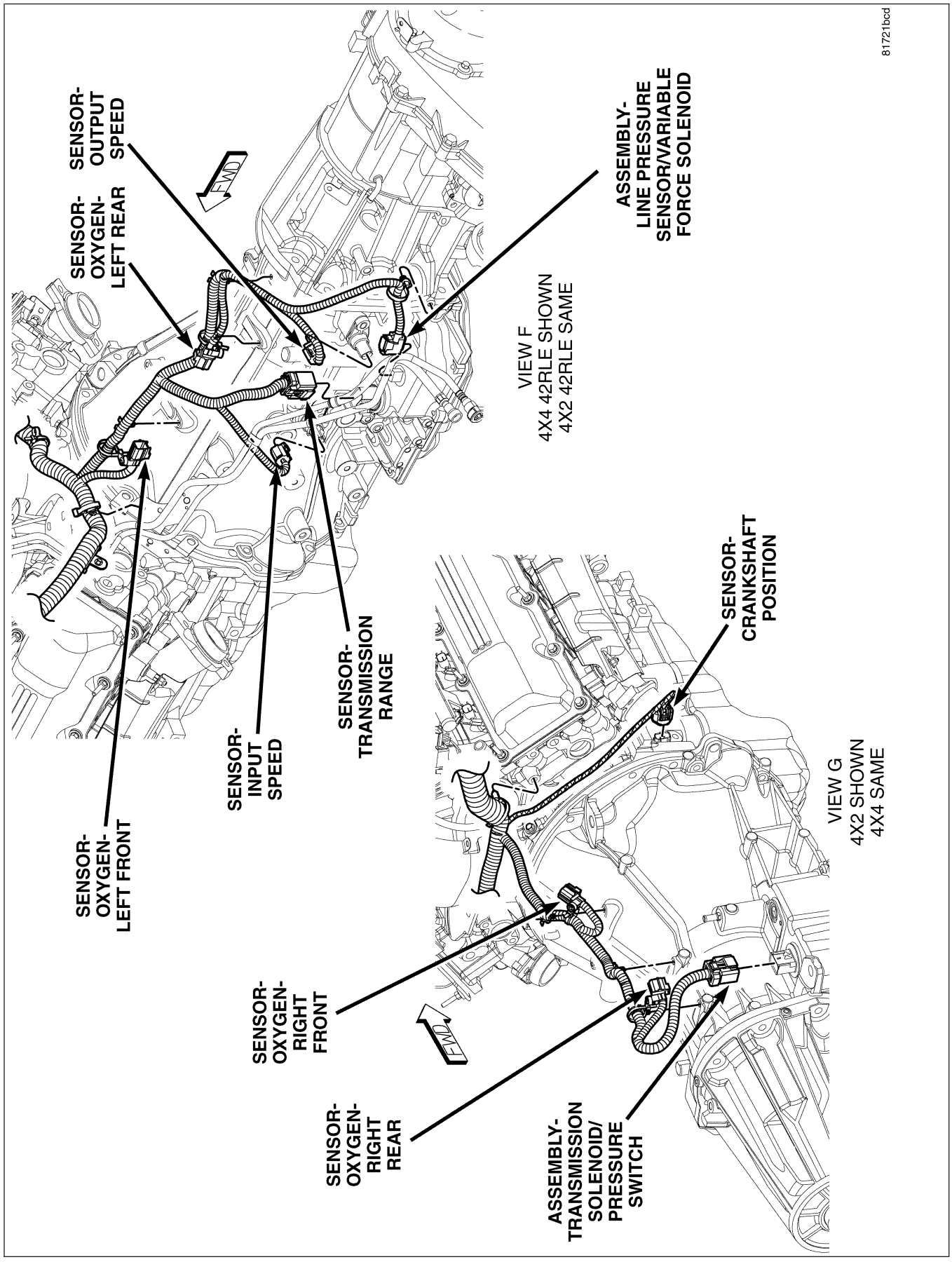



*Fig. 19 AUTOMATIC TRANSMISSION (3.7L)*

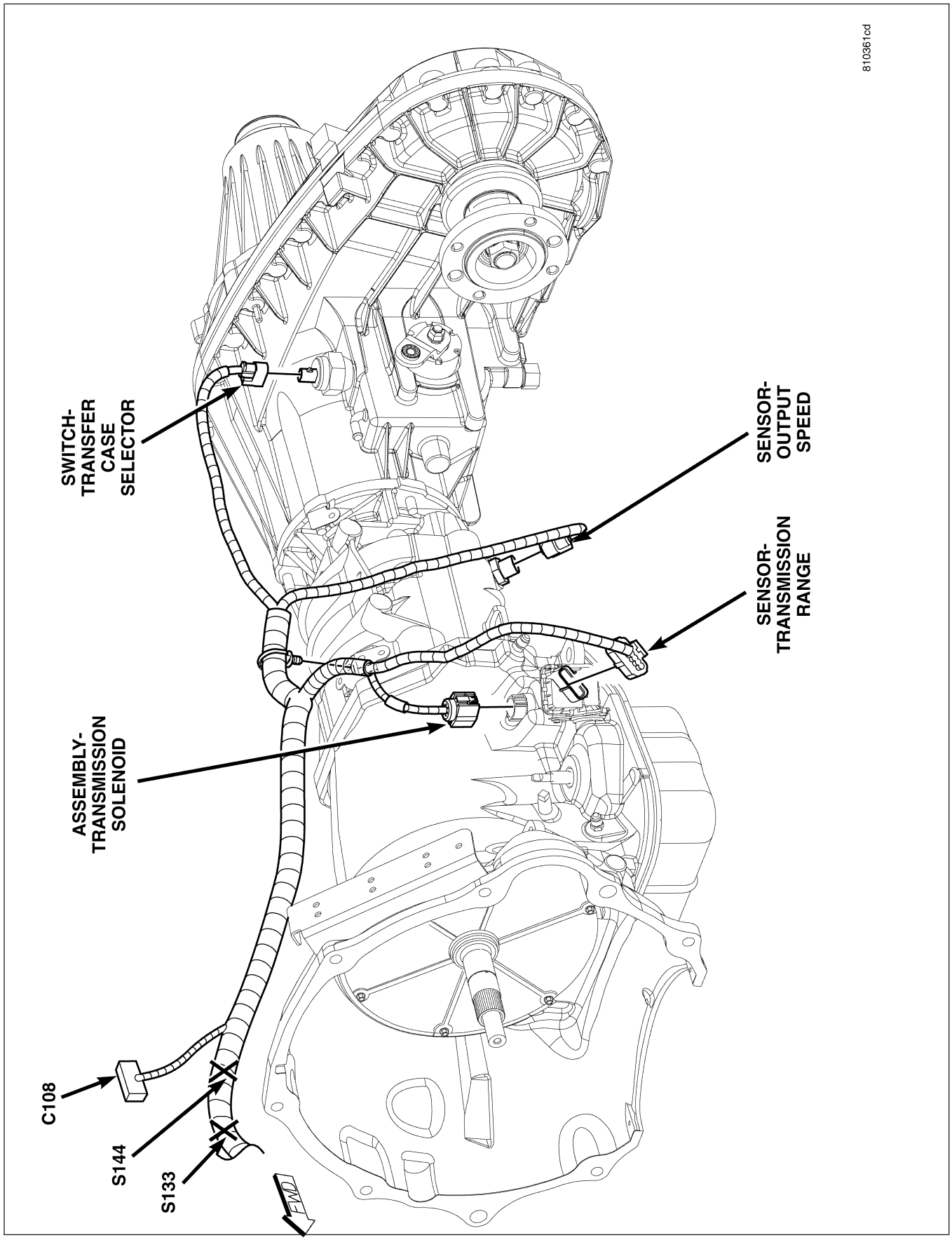



*Fig. 20 AUTOMATIC TRANSMISSION (DIESEL)*

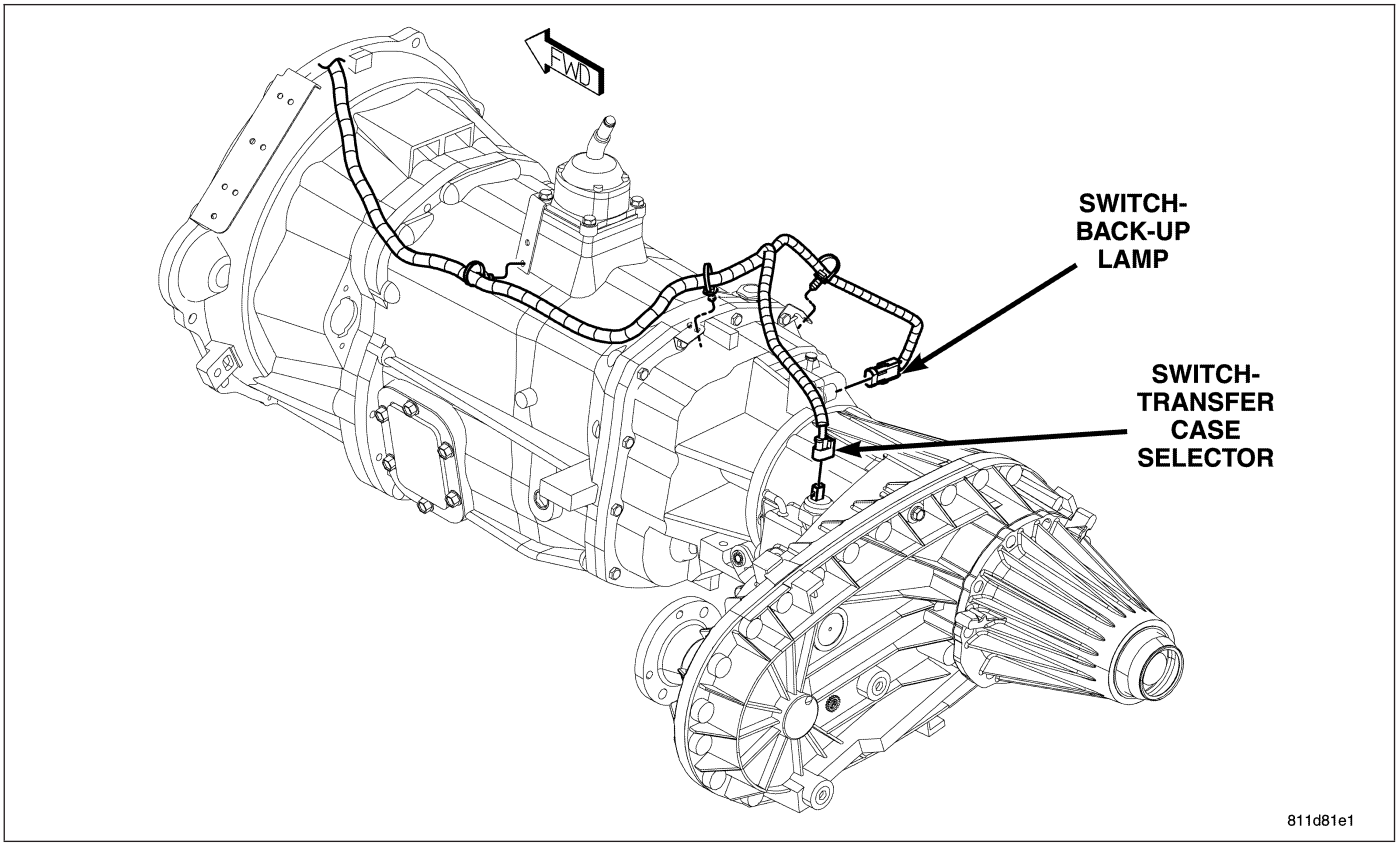



*Fig. 21 MANUAL TRANSMISSION (DIESEL)*

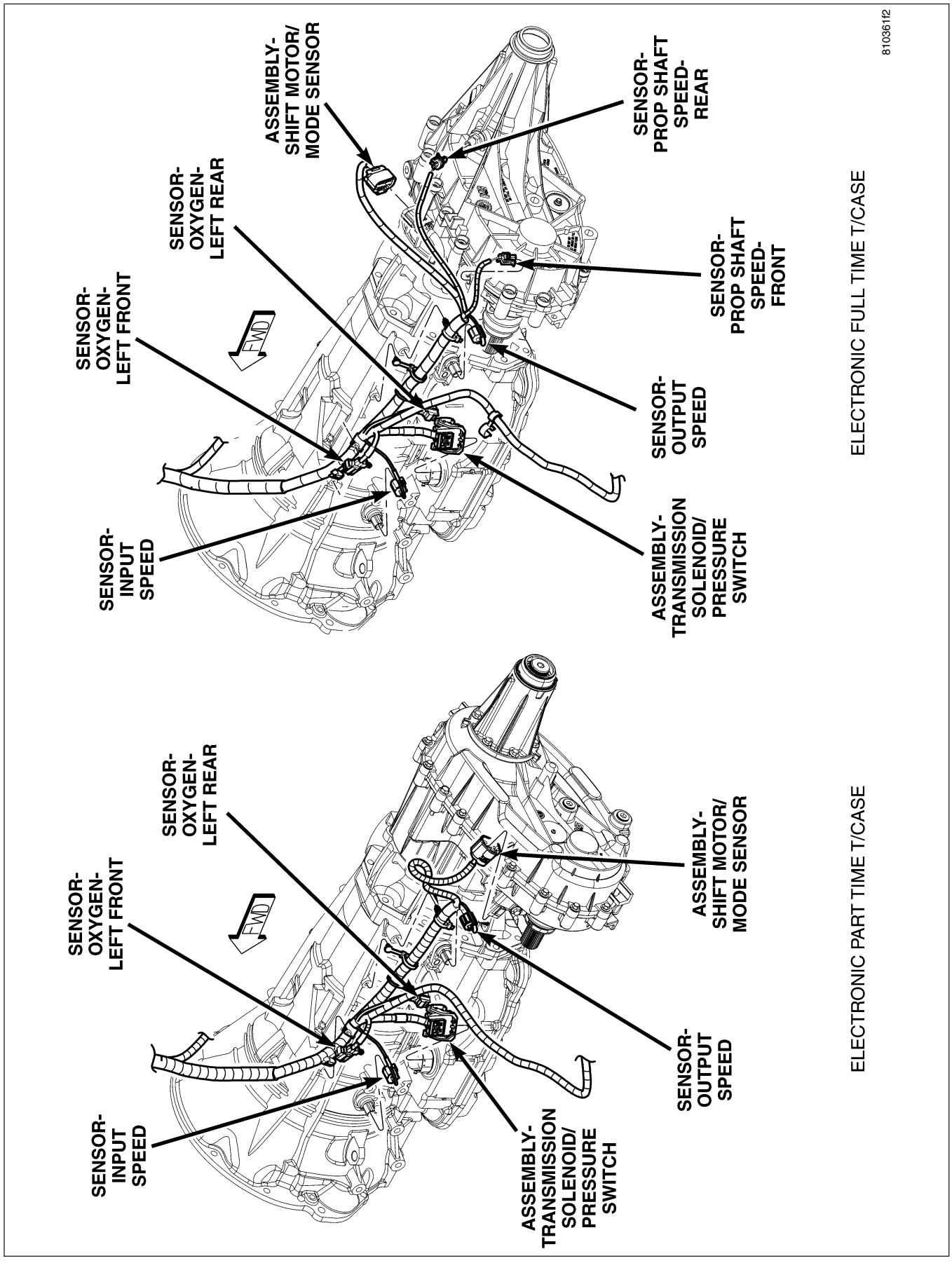



*Fig. 22 LEFT TRANSMISSION (RFE)*

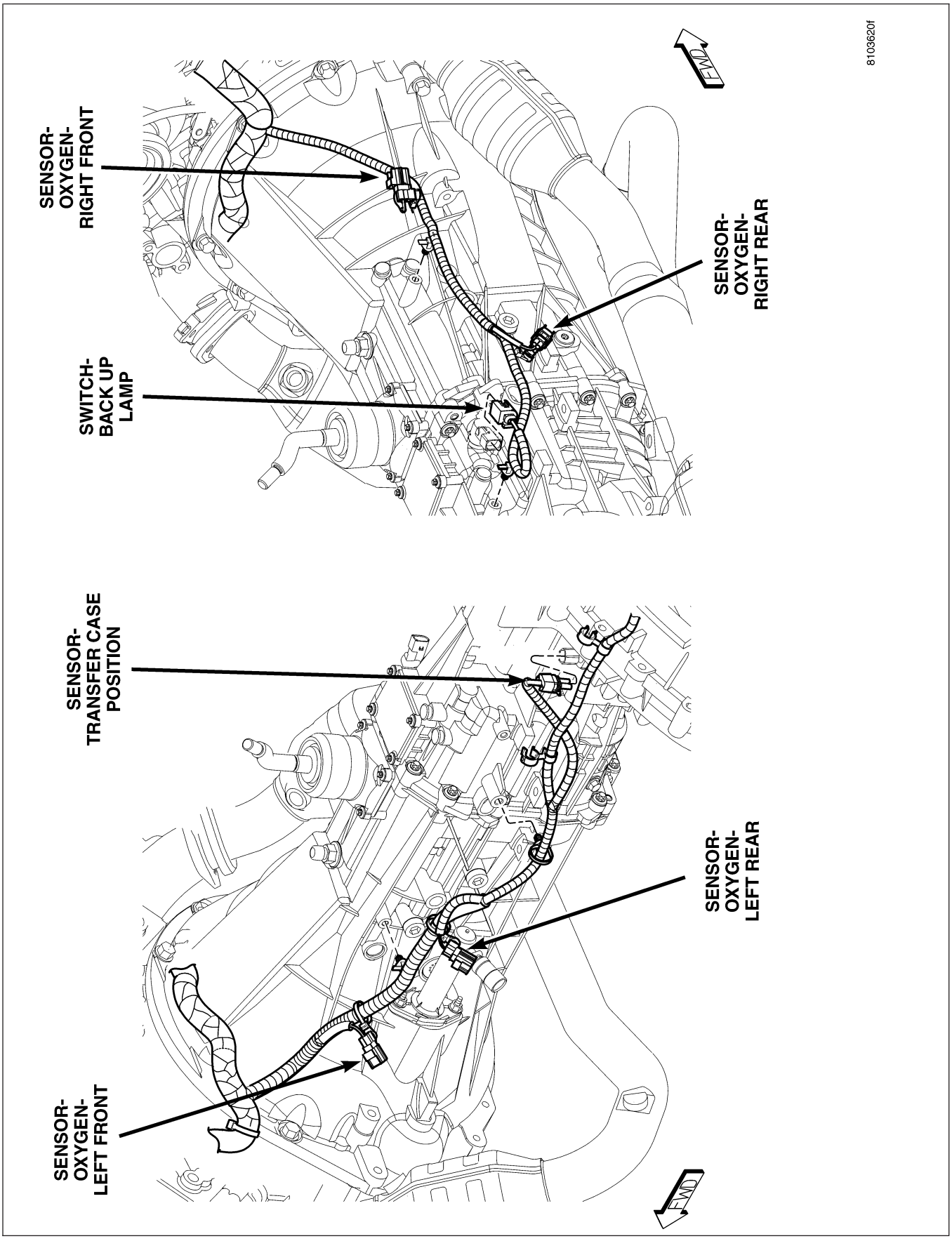



*Fig. 23 MANUAL TRANSMISSION (4X4) (3.7L/4.7L)*

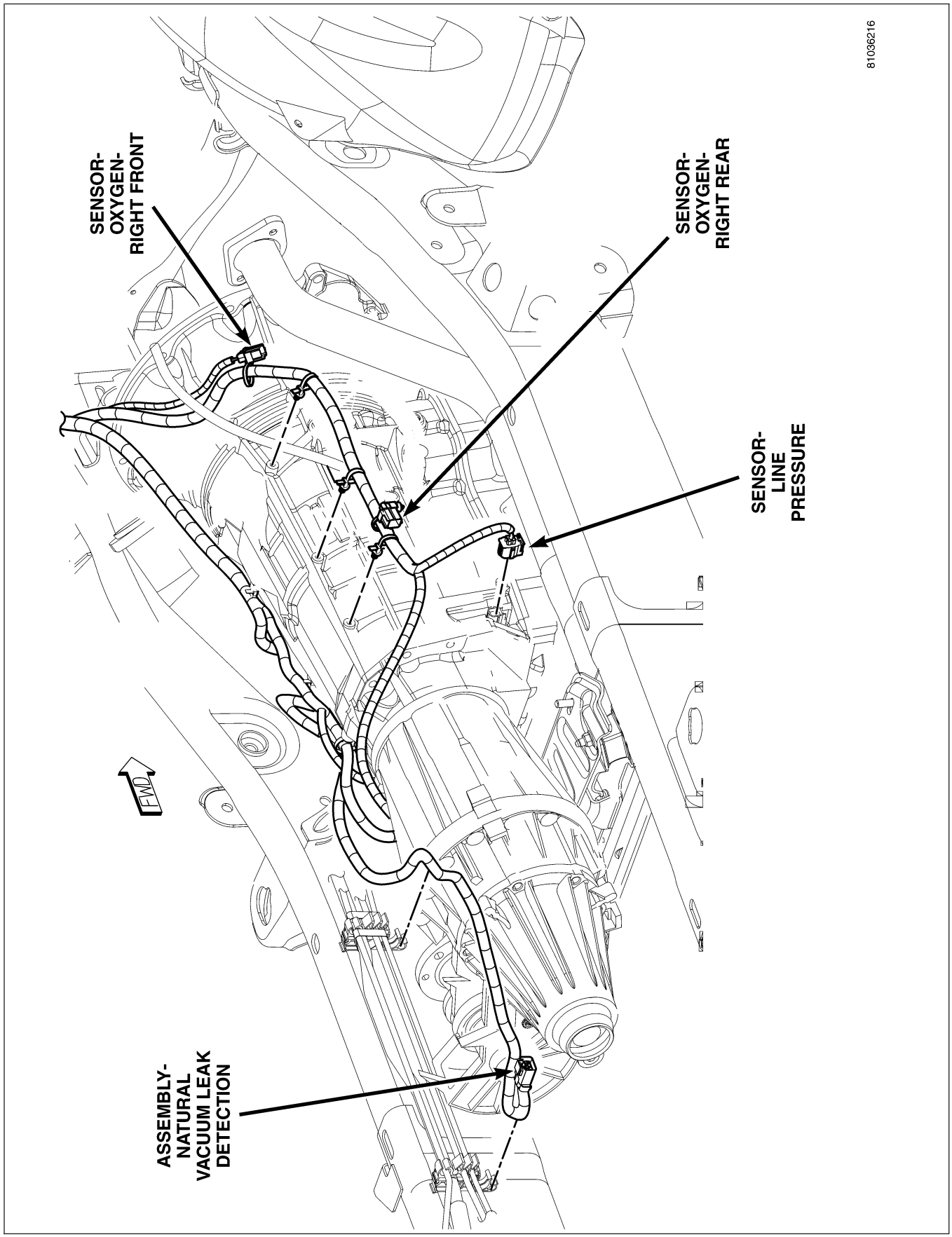



*Fig. 24 RIGHT TRANSMISSION (RFE)*

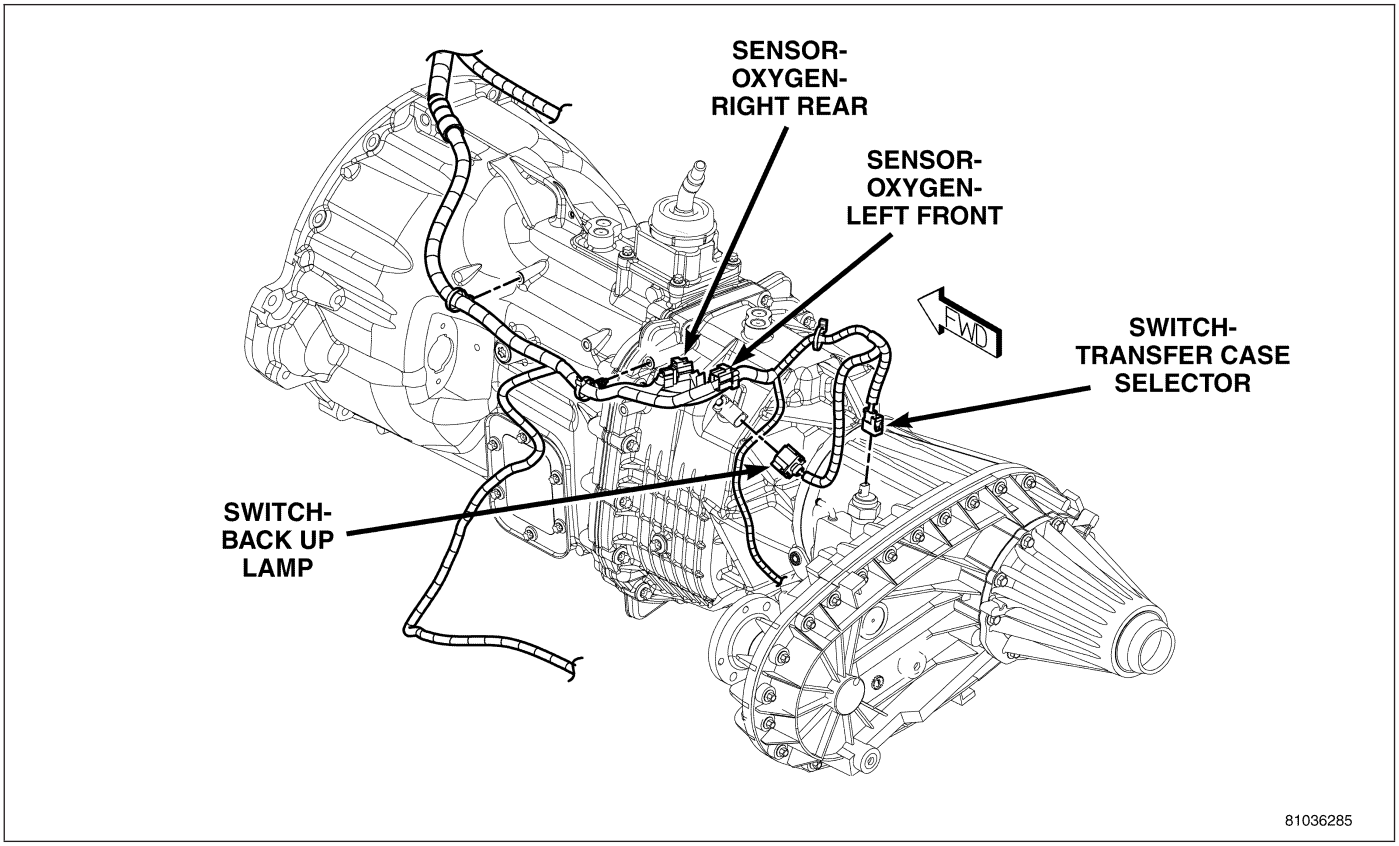



*Fig. 25 MANUAL TRANSMISSION - 5.7L/DIESEL (EXCEPT ETC)*

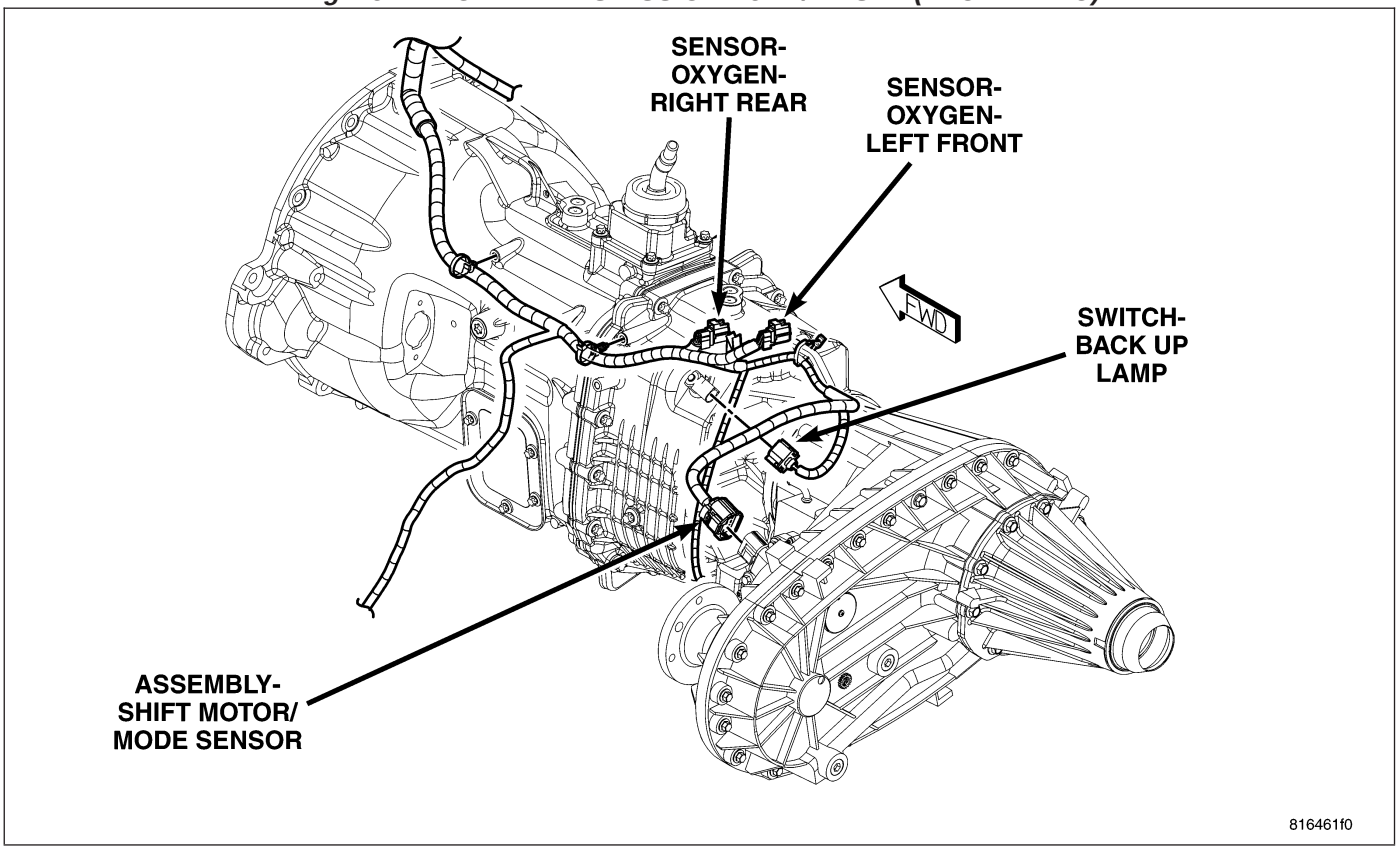



*Fig. 26 MANUAL TRANSMISSION (5.7L/DIESEL) (ETC)*

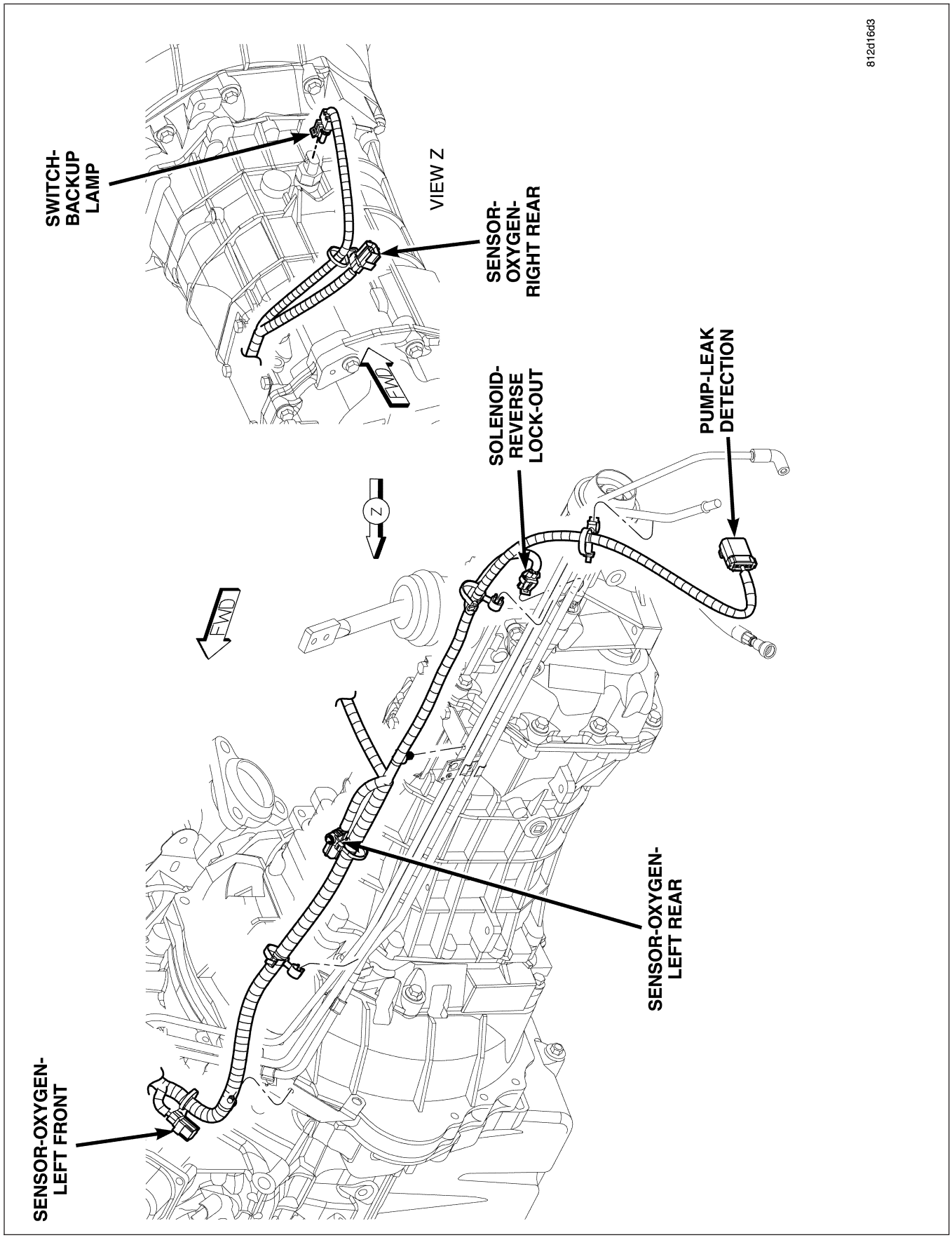



*Fig. 27 MANUAL TRANSMISSION (SRT)*

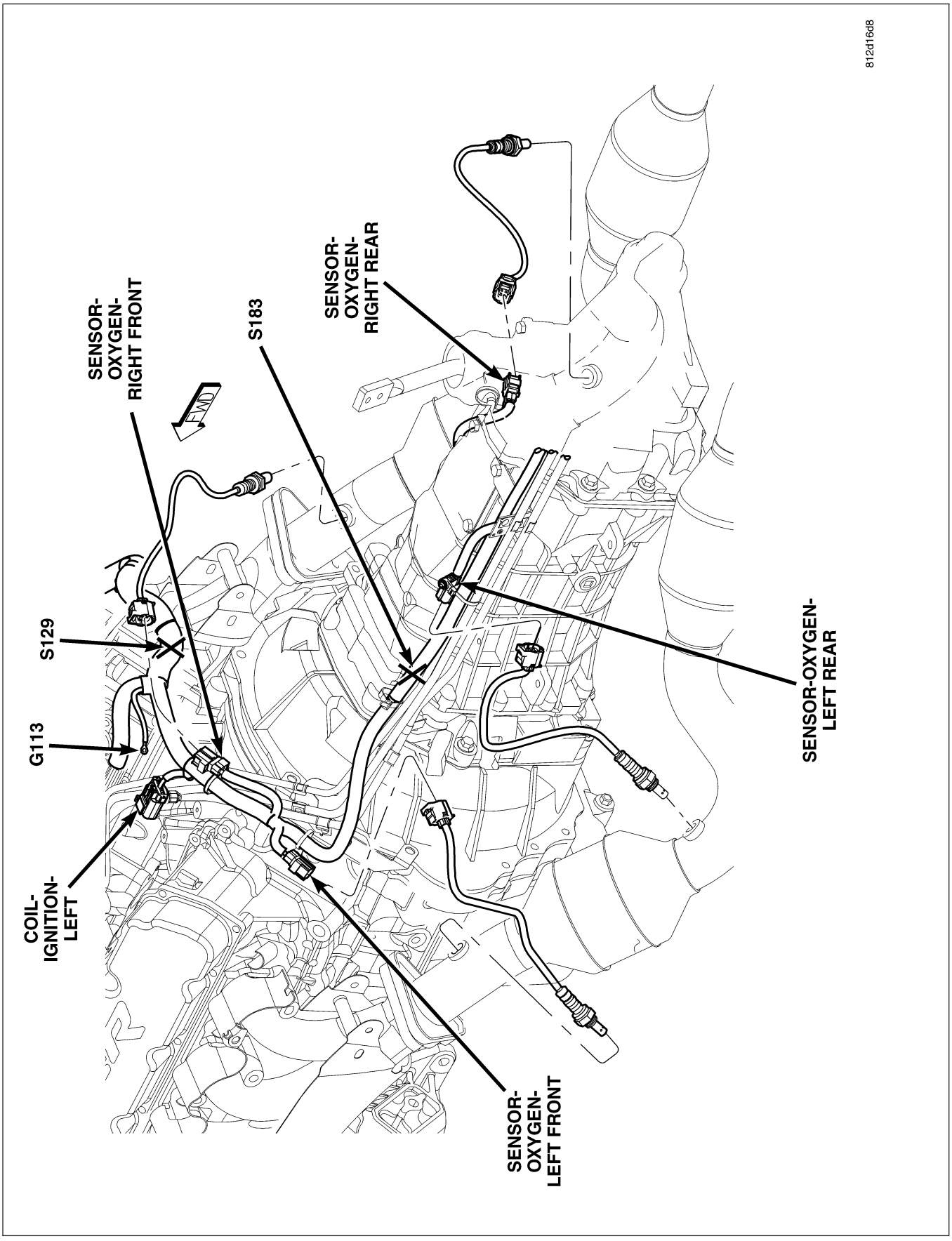



*Fig. 28 TRANSMISSION AND EXHAUST (SRT)*

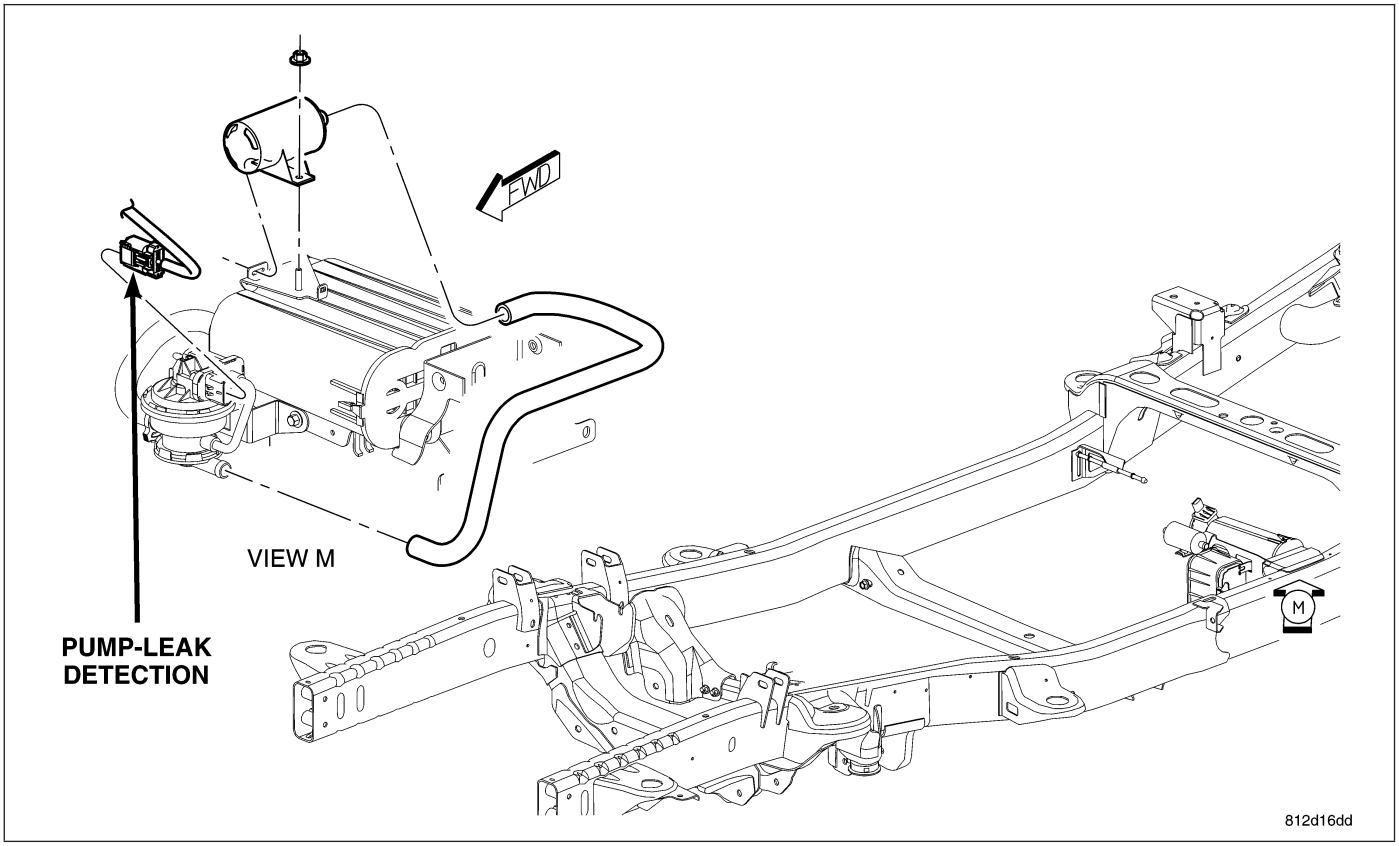



*Fig. 29 LEFT SIDE FRAME (SRT)*

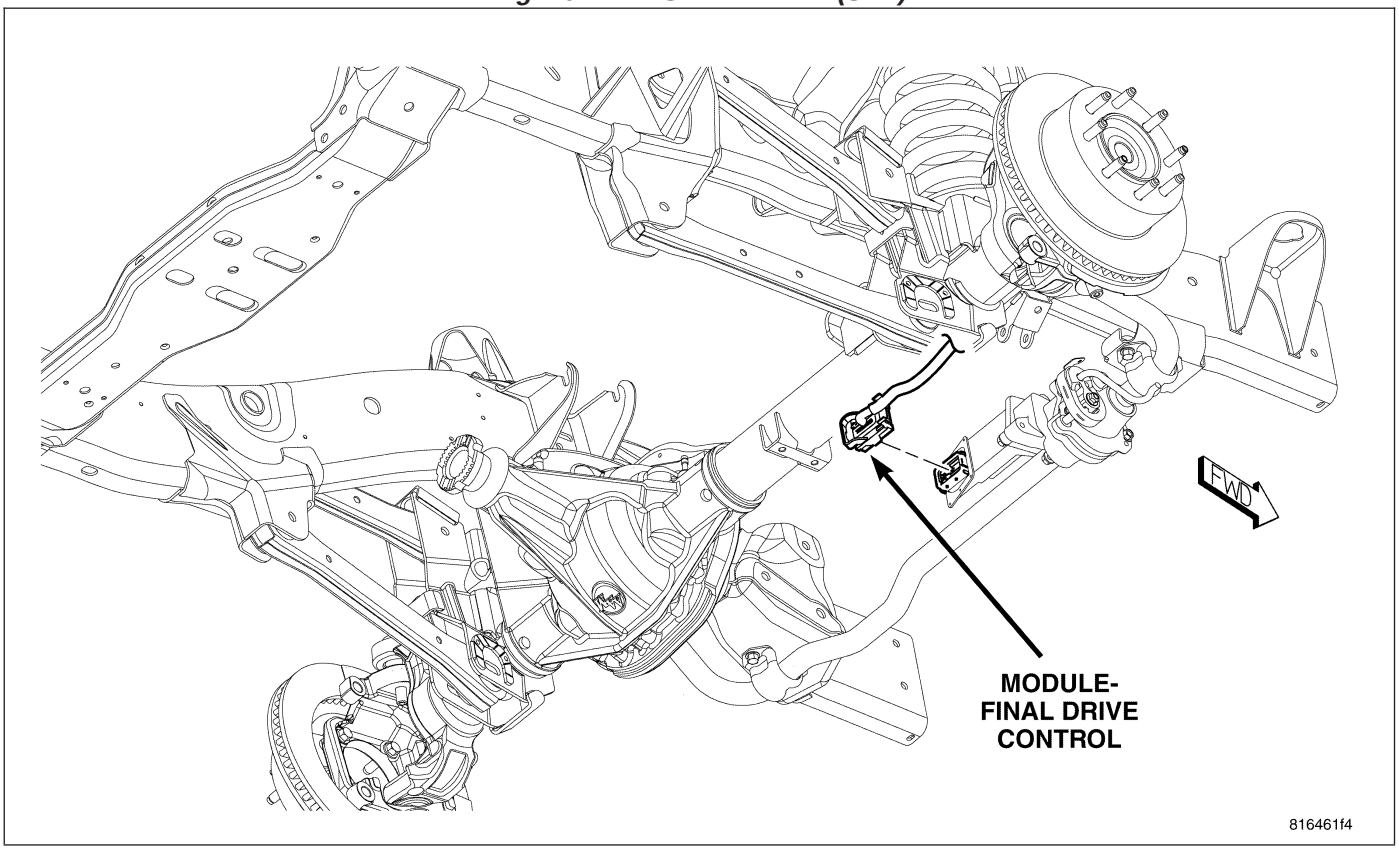



*Fig. 30 FRONT STABILIZER BAR (POWER WAGON)*

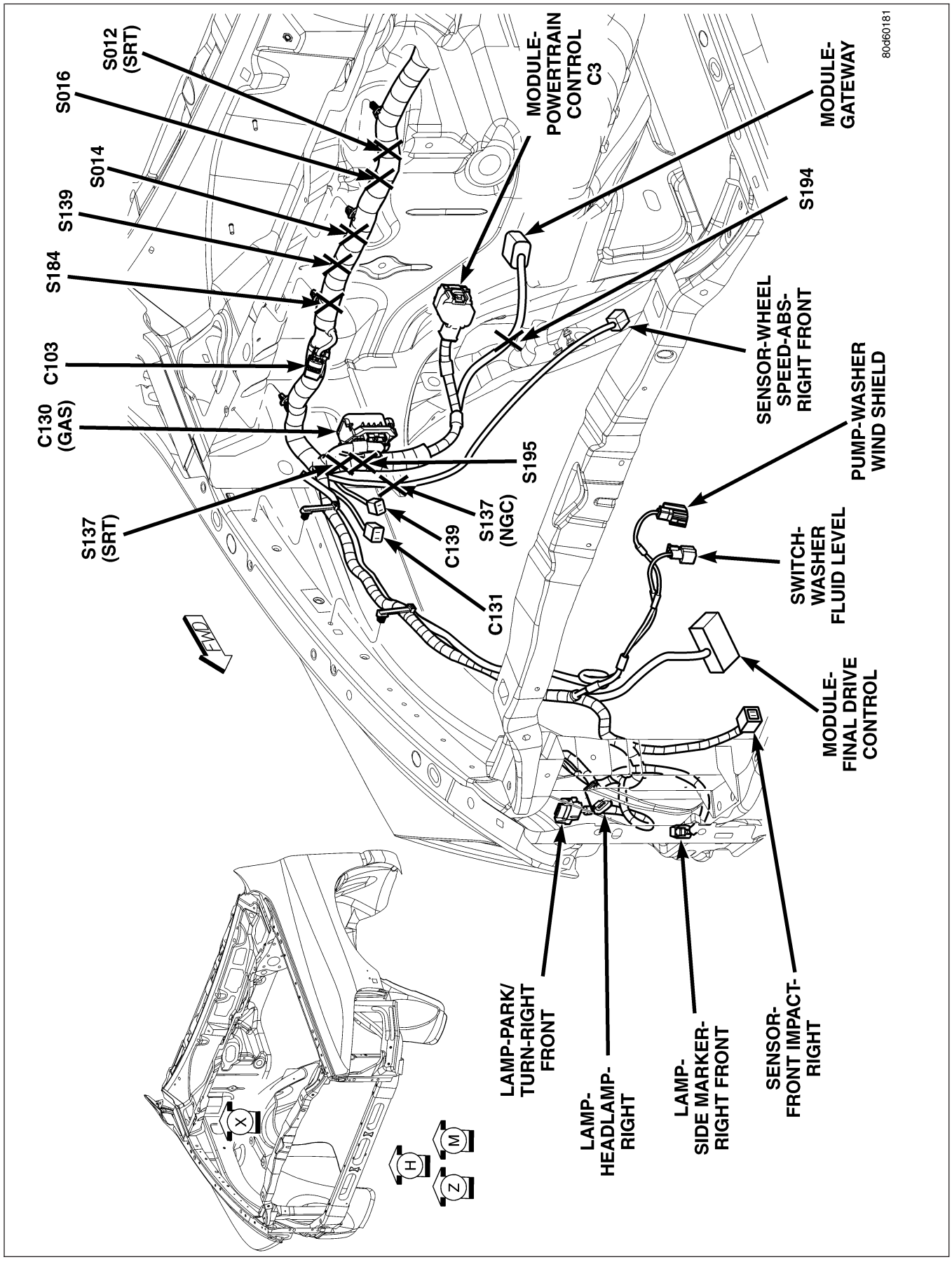



*Fig. 31 RIGHT SIDE ENGINE COMPARTMENT*

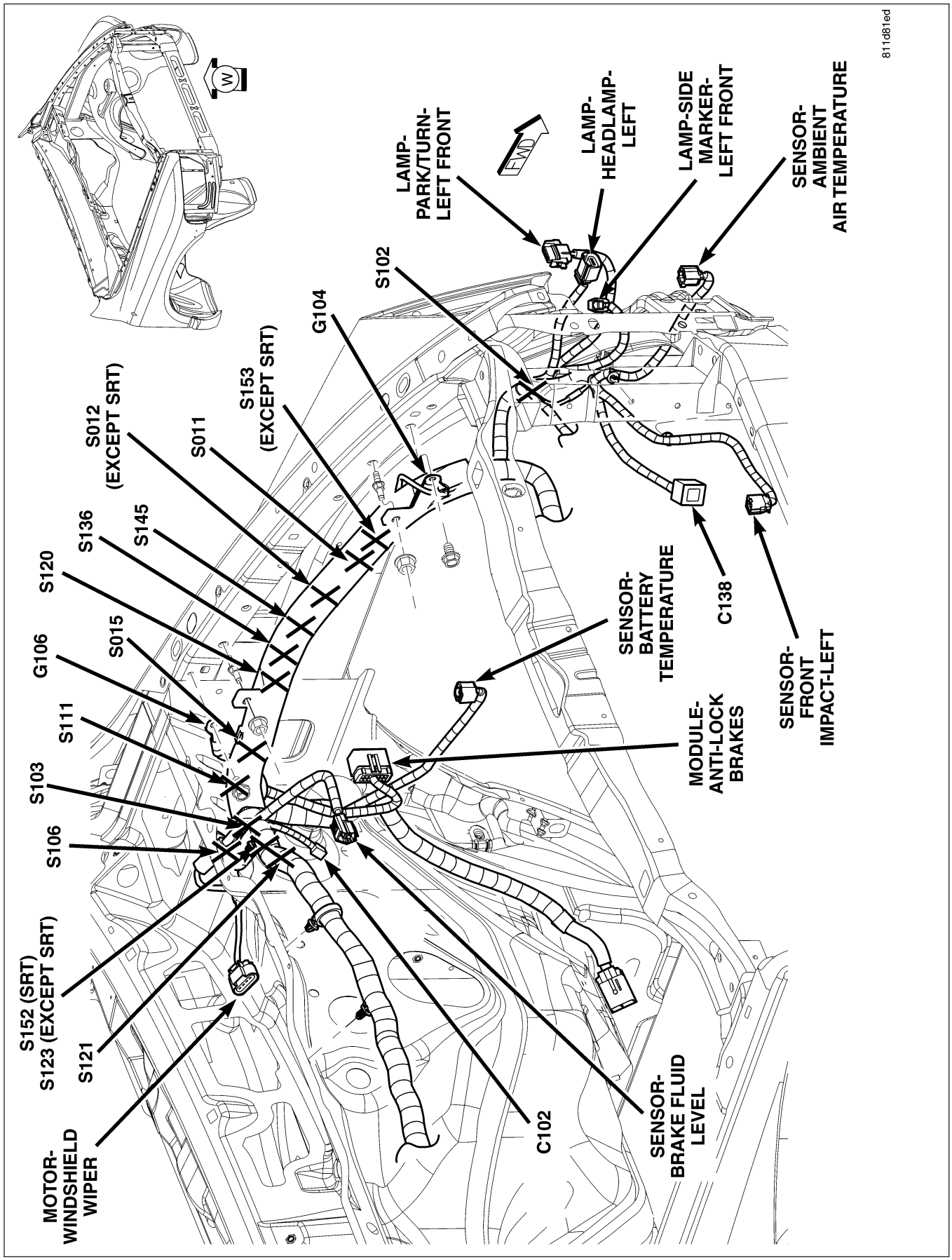



*Fig. 32 LEFT ENGINE COMPARTMENT*

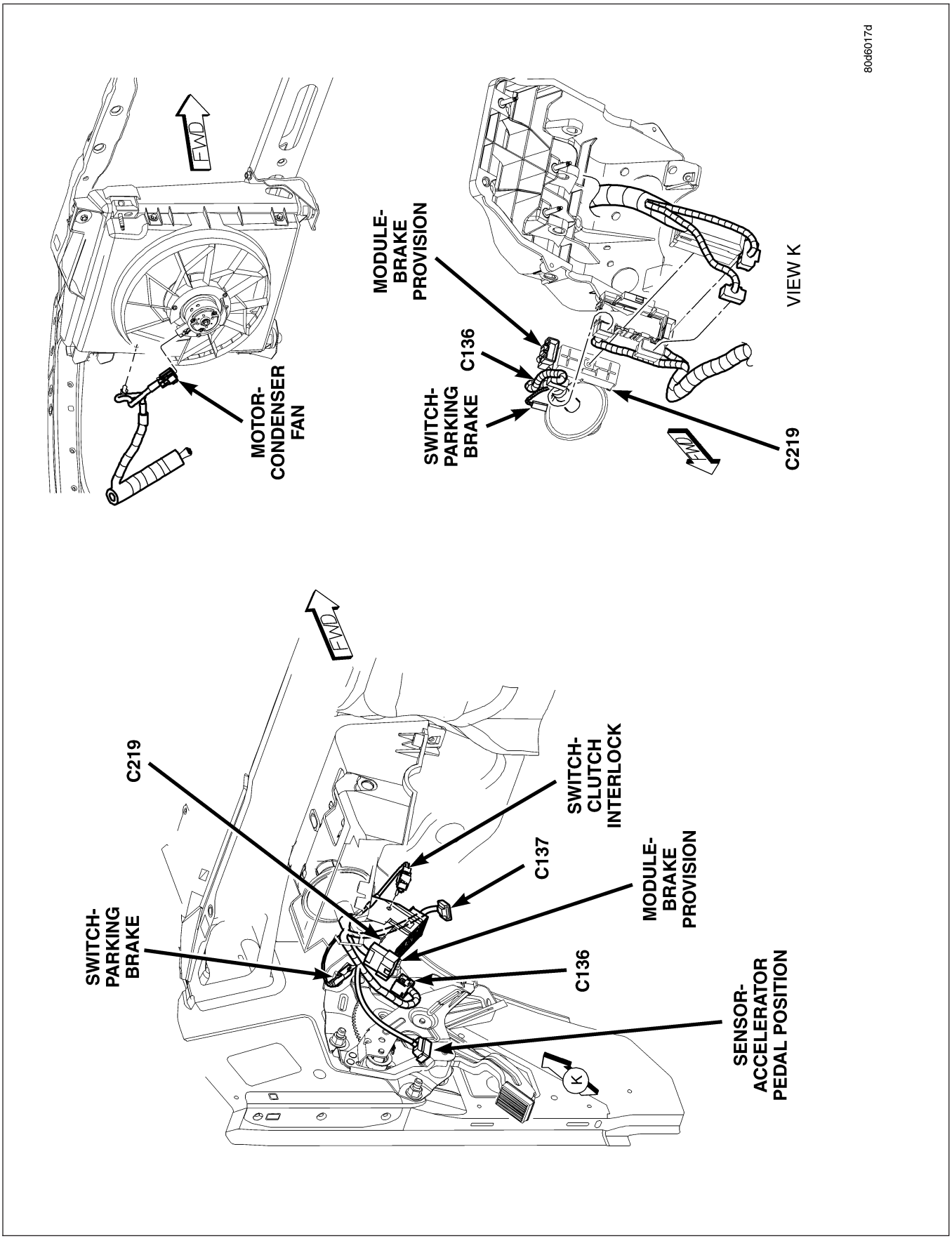



*Fig. 33 ENGINE COMPARTMENT*

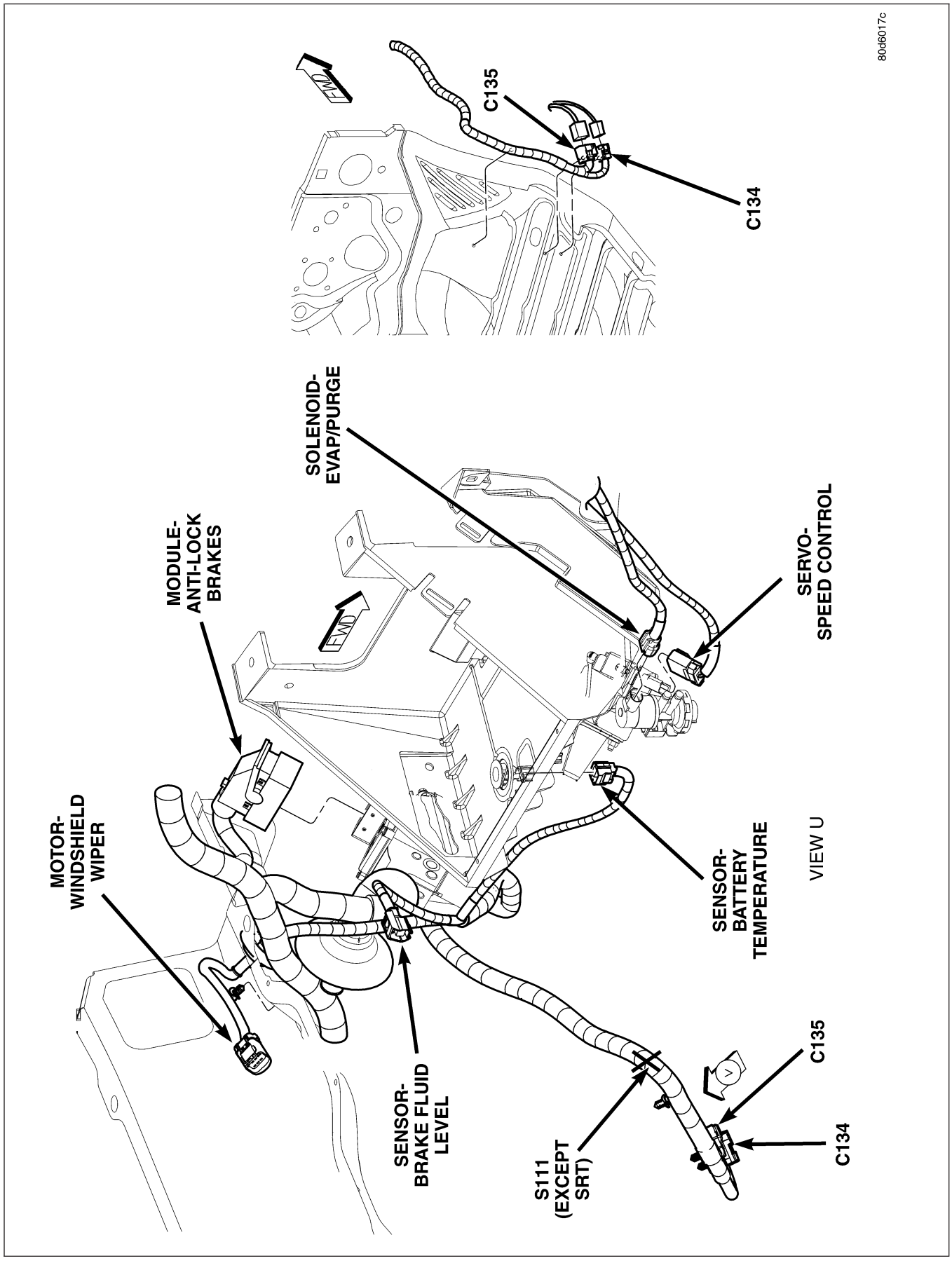



*Fig. 34 LEFT SIDE ENGINE COMPARTMENT*

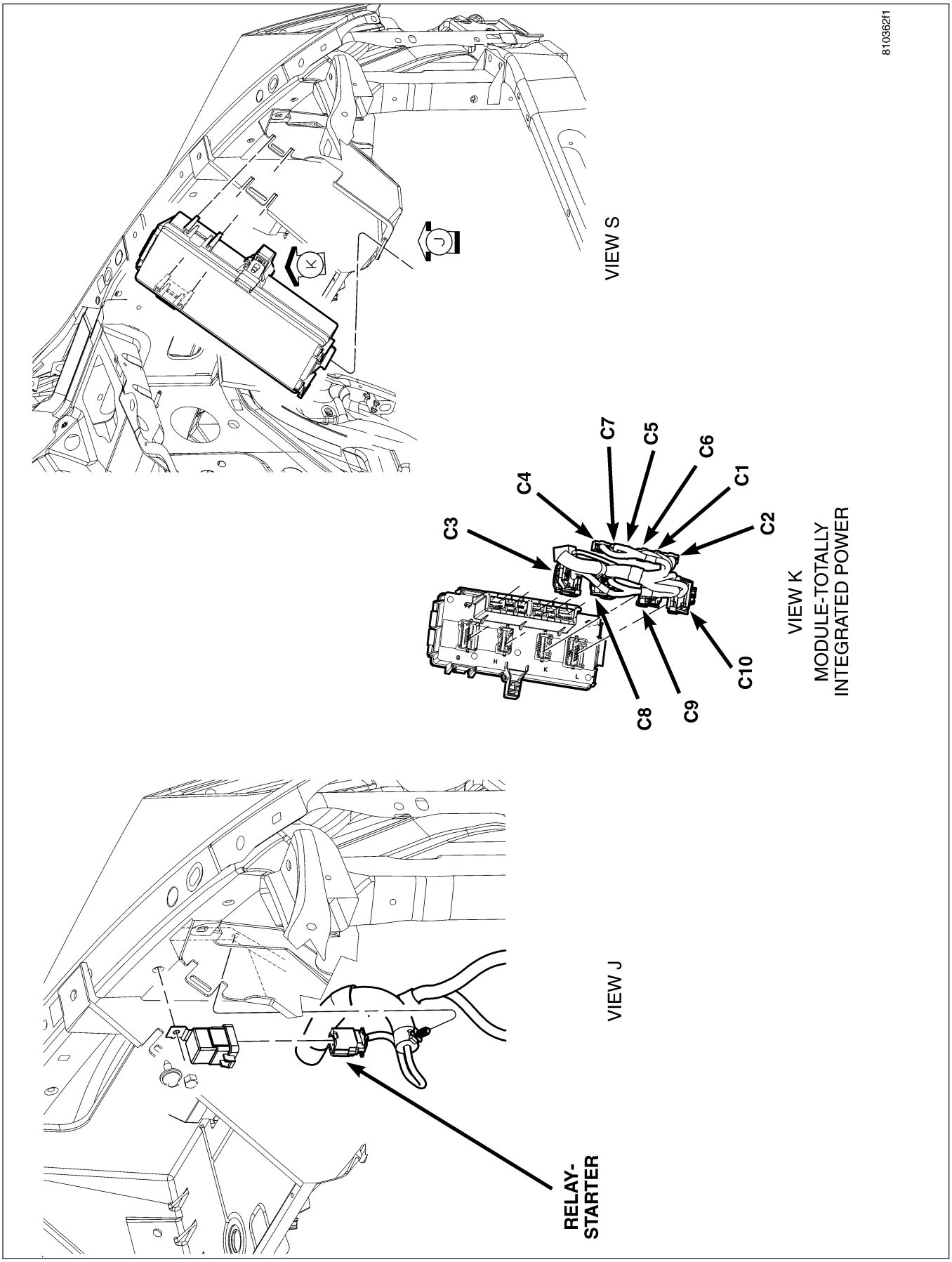



*Fig. 35 LEFT FRONT ENGINE COMPARTMENT*

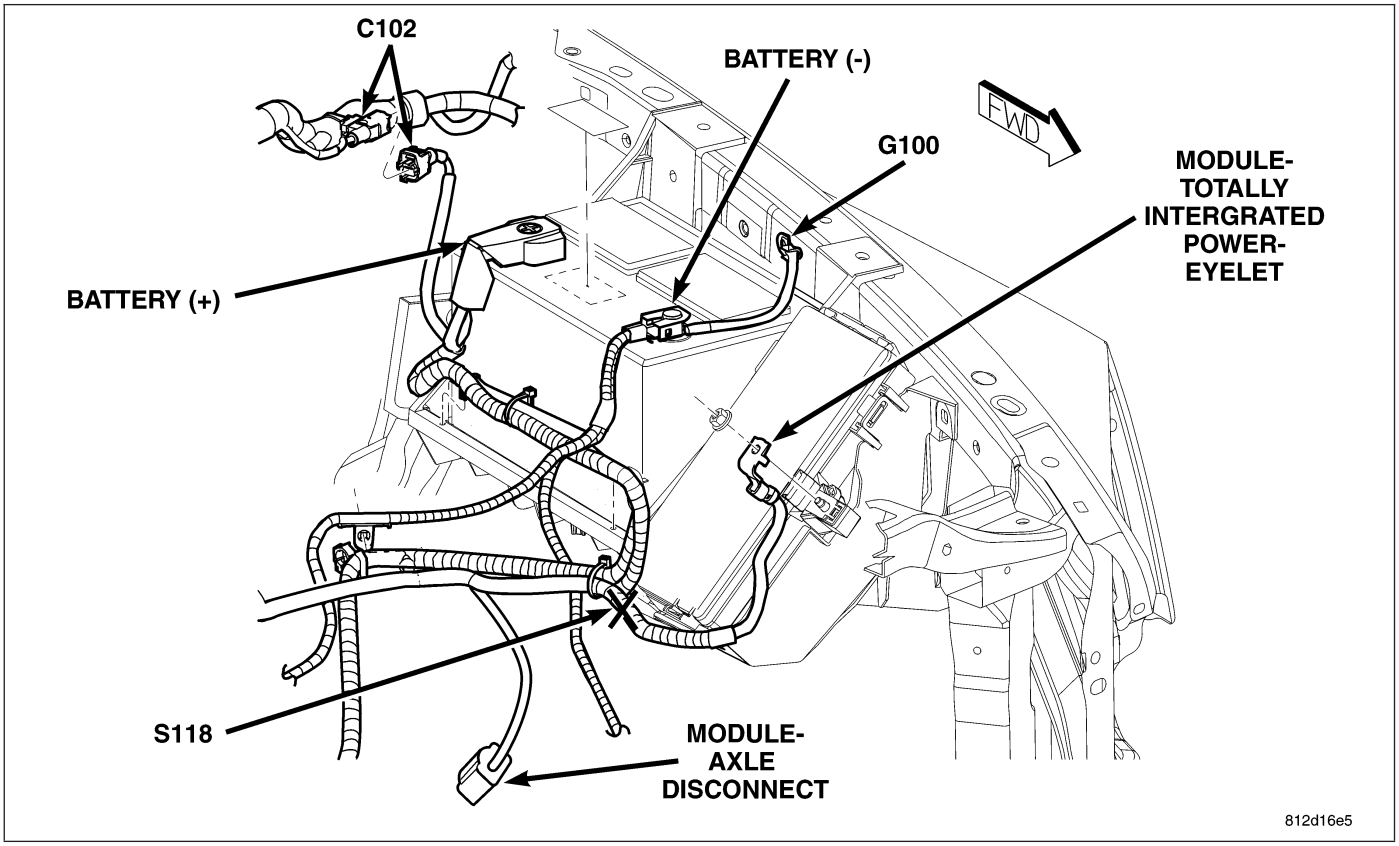



*Fig. 36 BATTERY*

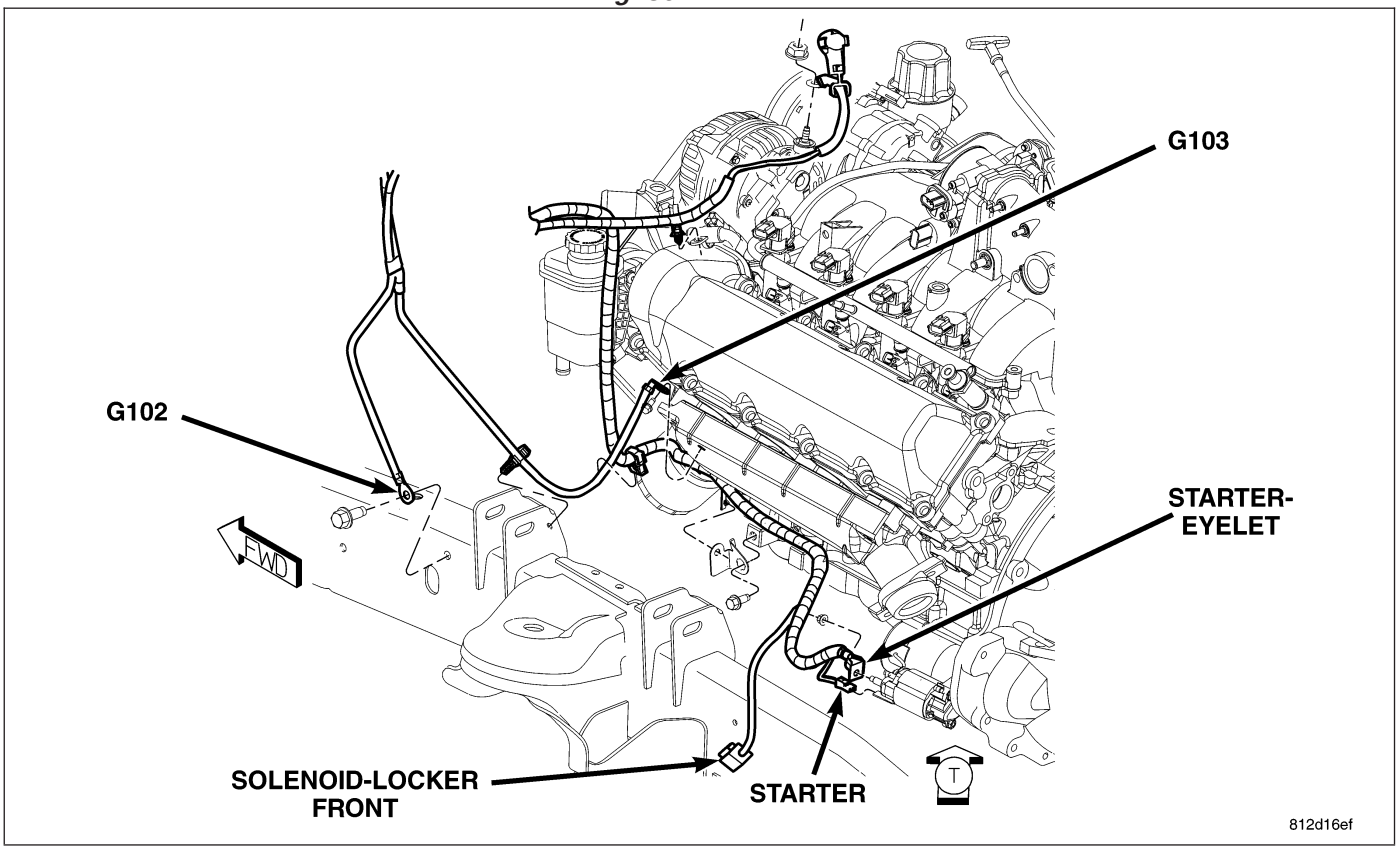



*Fig. 37 LEFT GROUNDS AND STARTER*

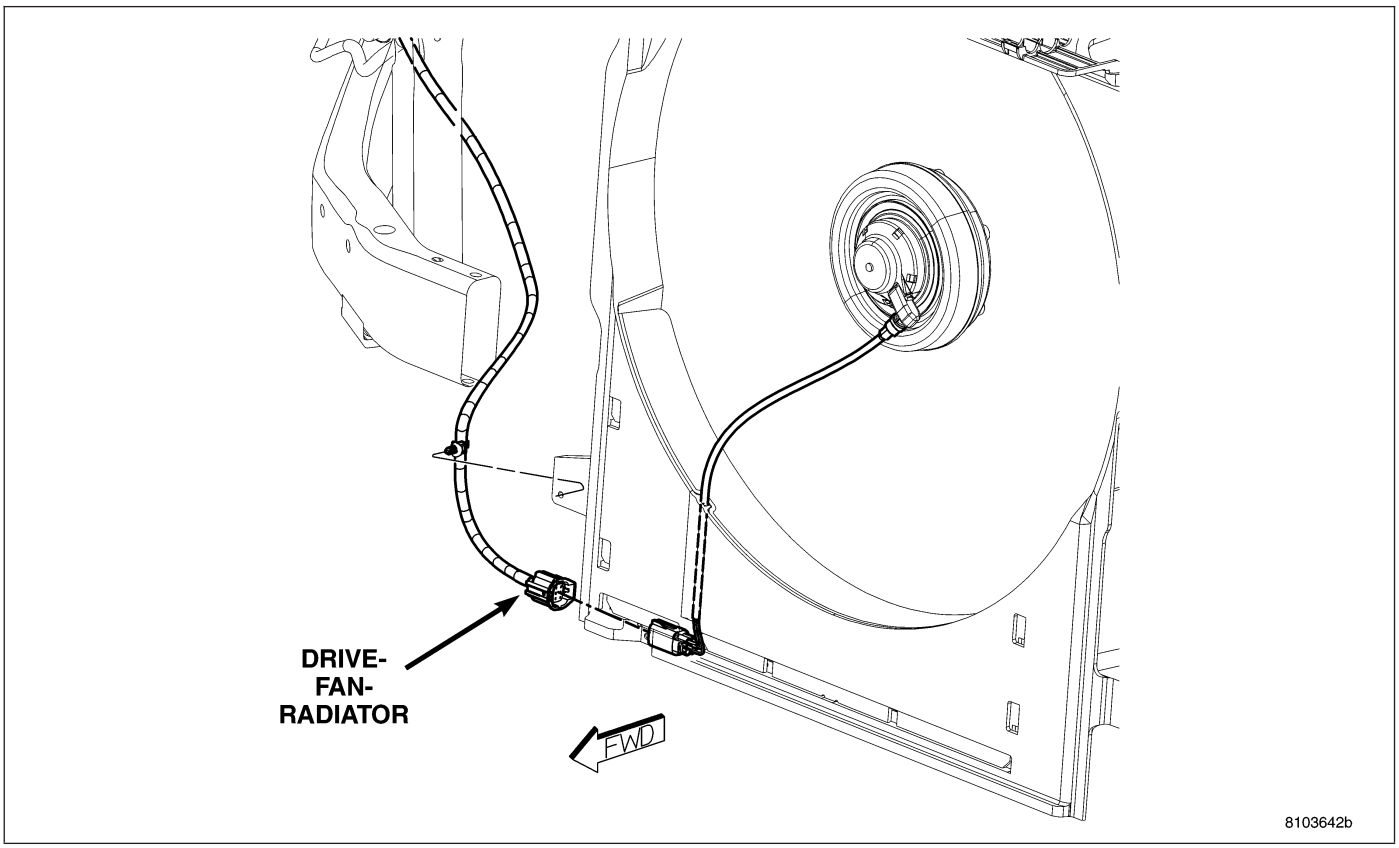



*Fig. 38 FRONT ENGINE COMPARTMENT*

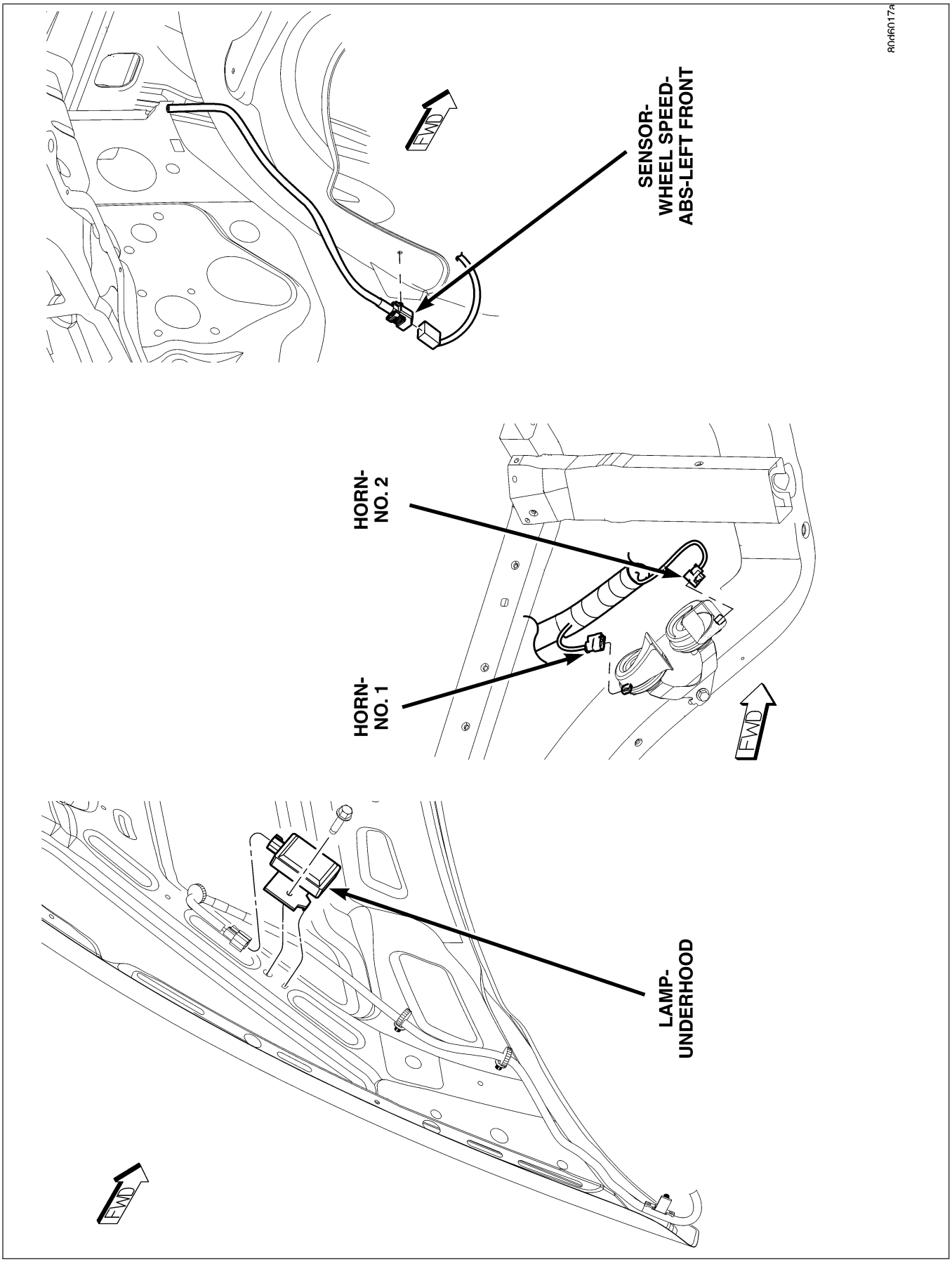



*Fig. 39 LEFT SIDE ENGINE COMPARTMENT*

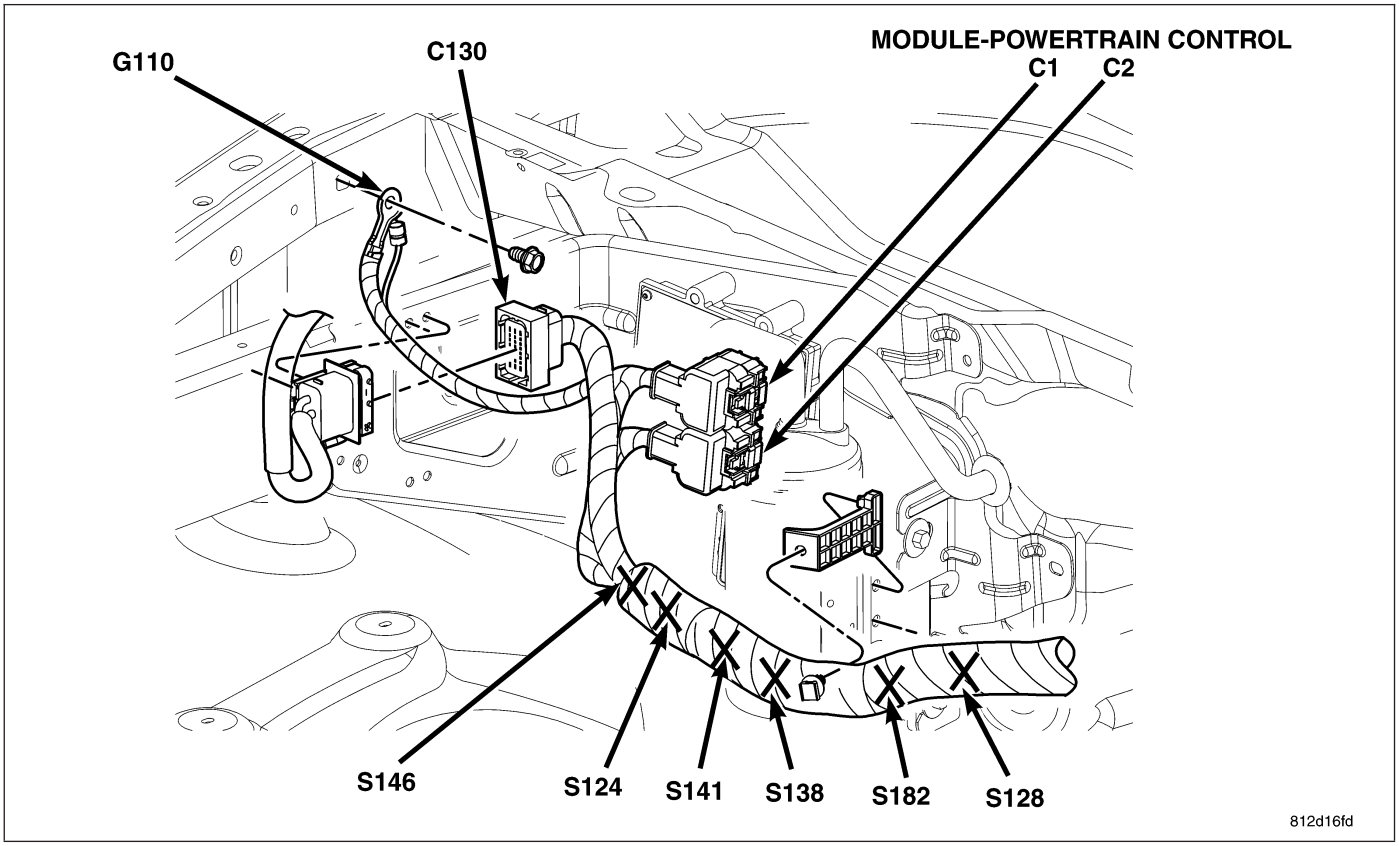



*Fig. 40 RIGHT REAR ENGINE WIRING (SRT)*

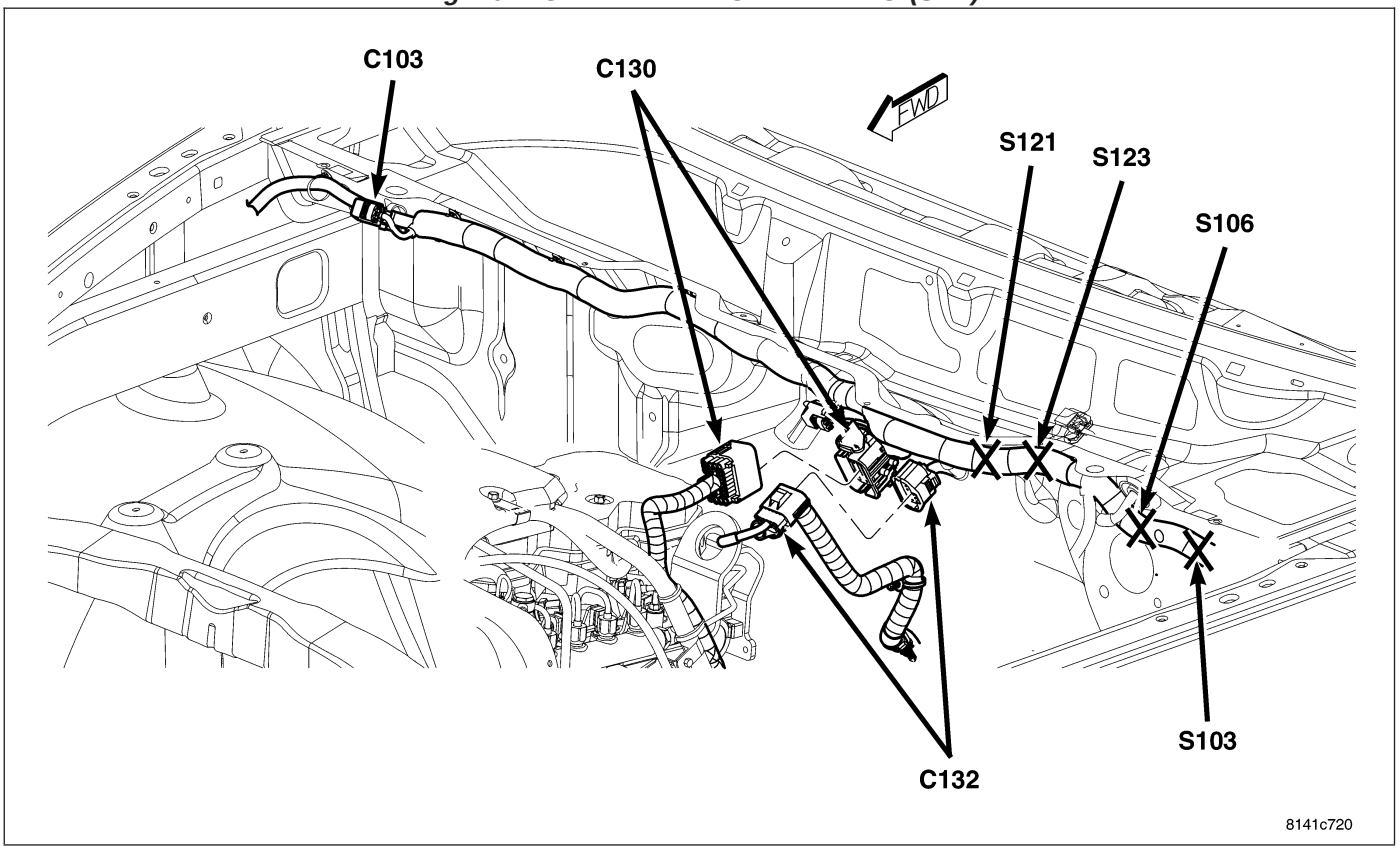



*Fig. 41 REAR ENGINE COMPARTMENT INLINES (DIESEL)*

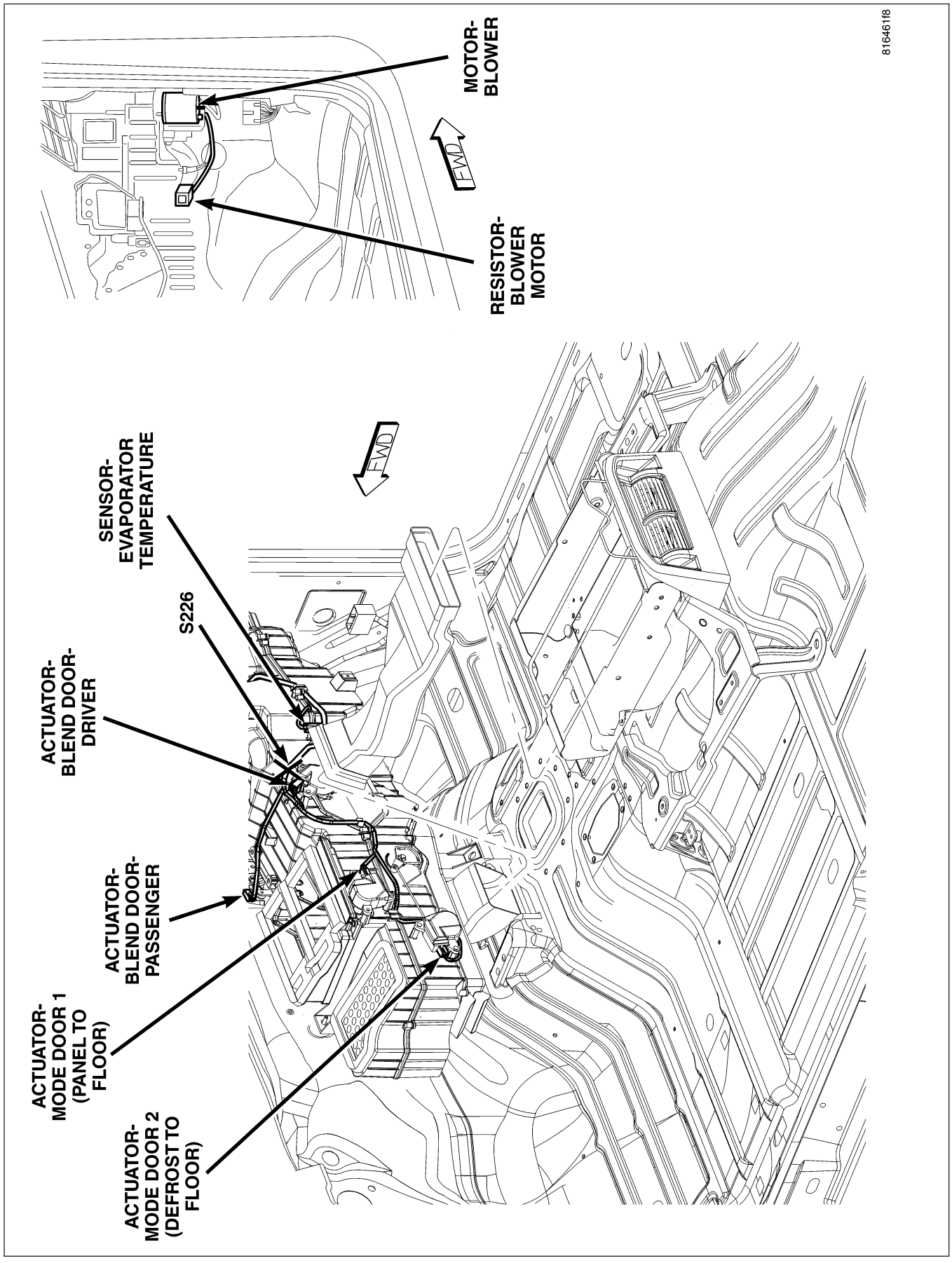



*Fig. 42 HVAC ASSEMBLY*

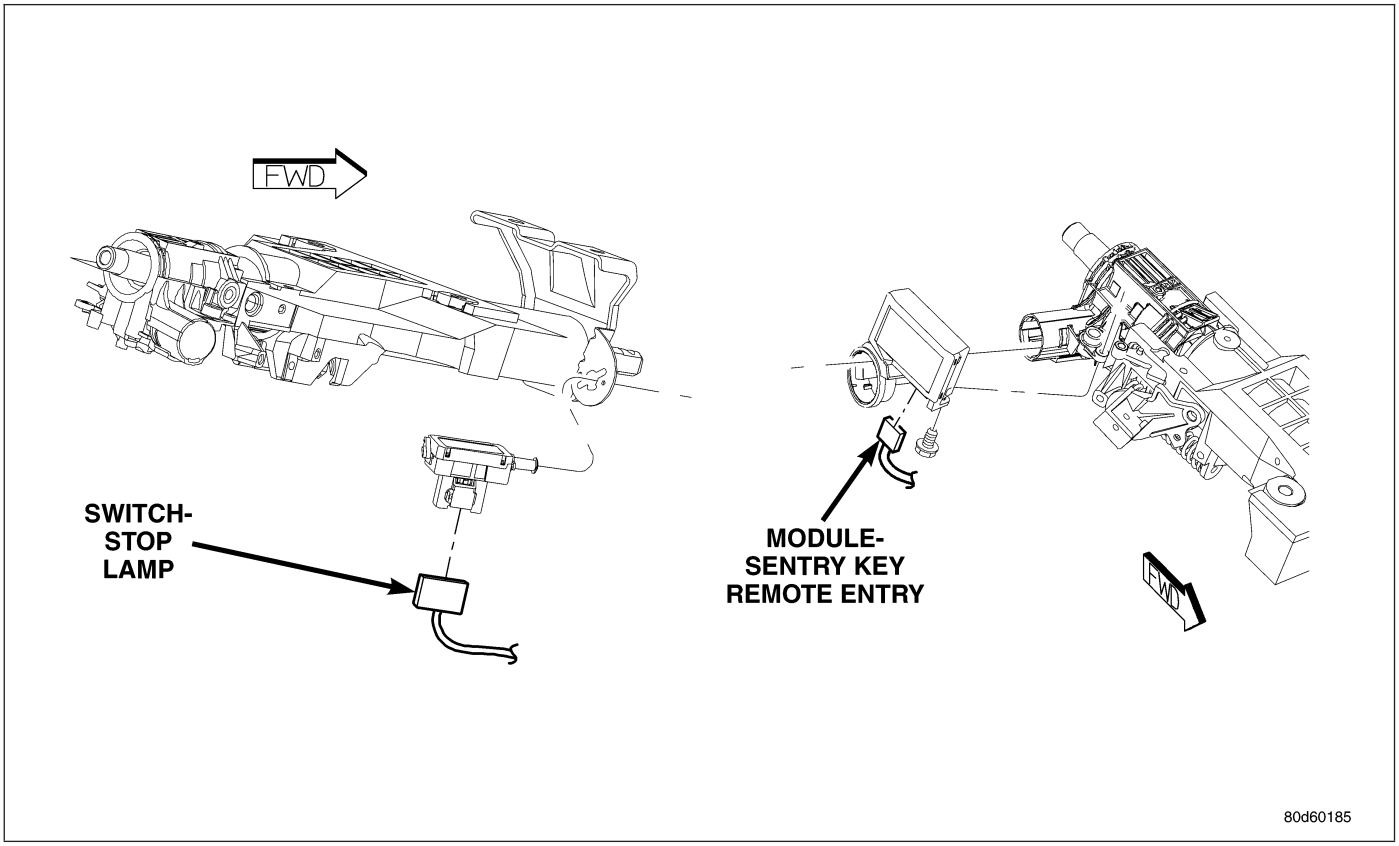



*Fig. 43 STEERING COLUMN*

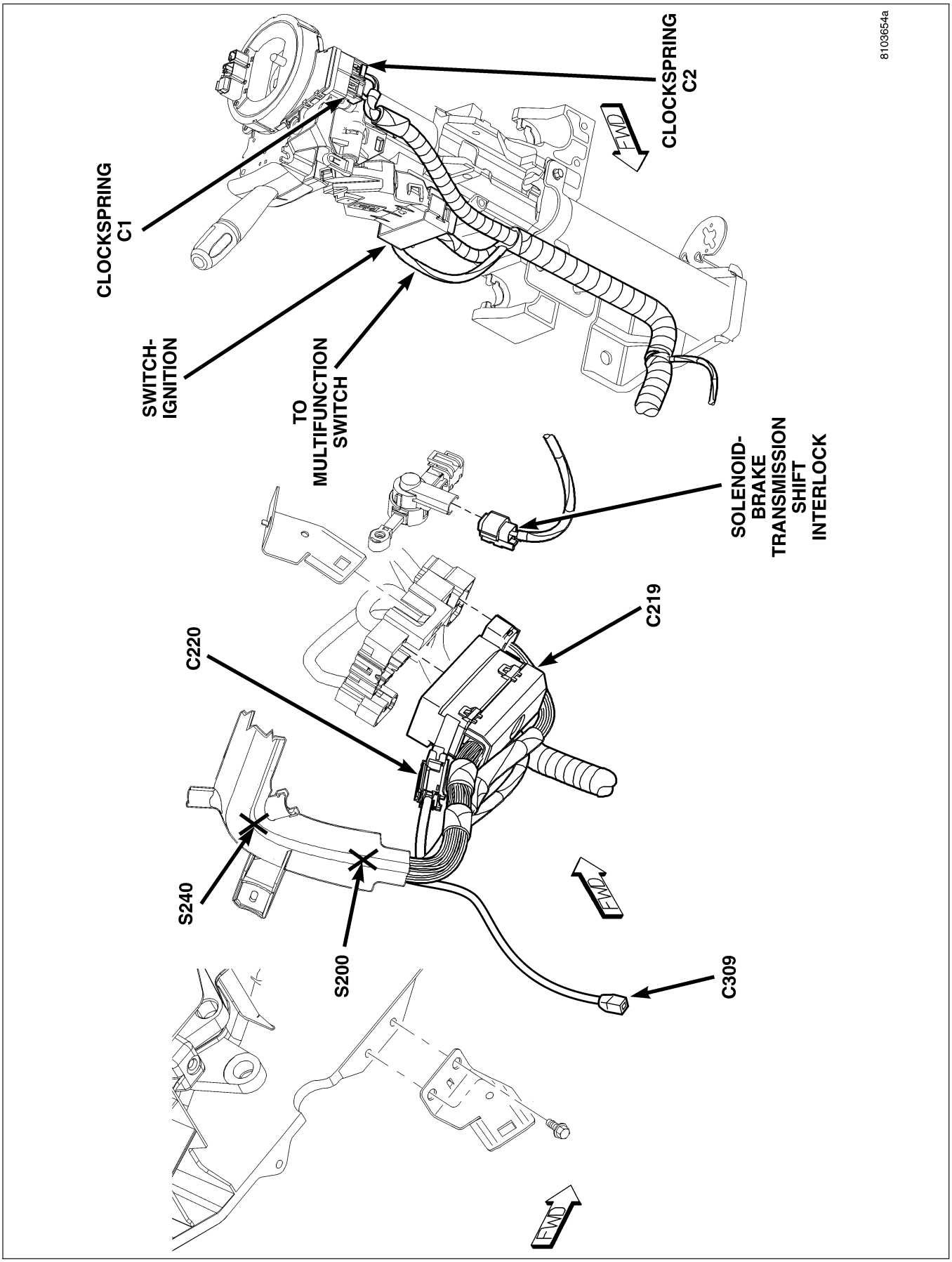



*Fig. 44 LEFT STEERING COLUMN*

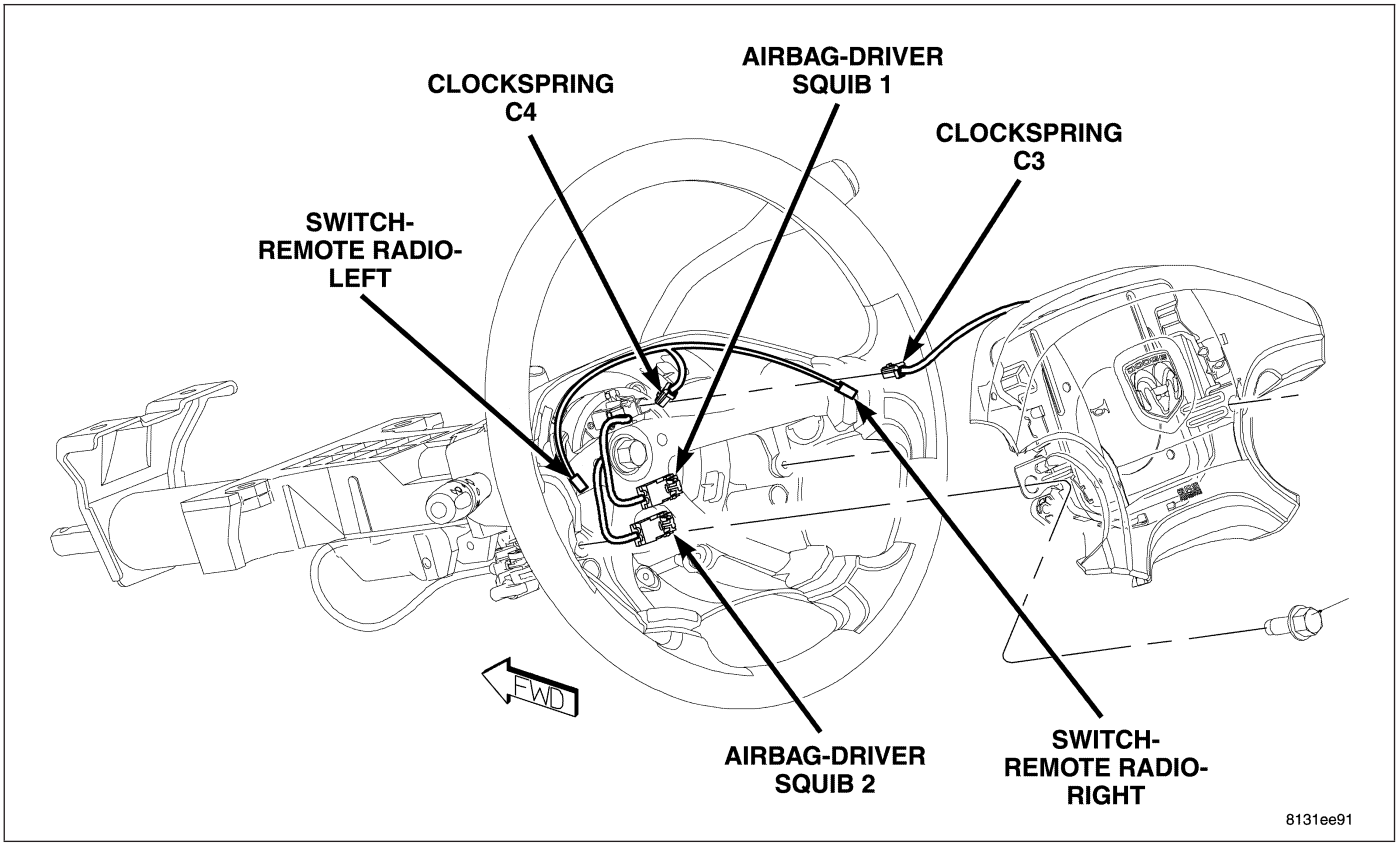



*Fig. 45 STEERING WHEEL*

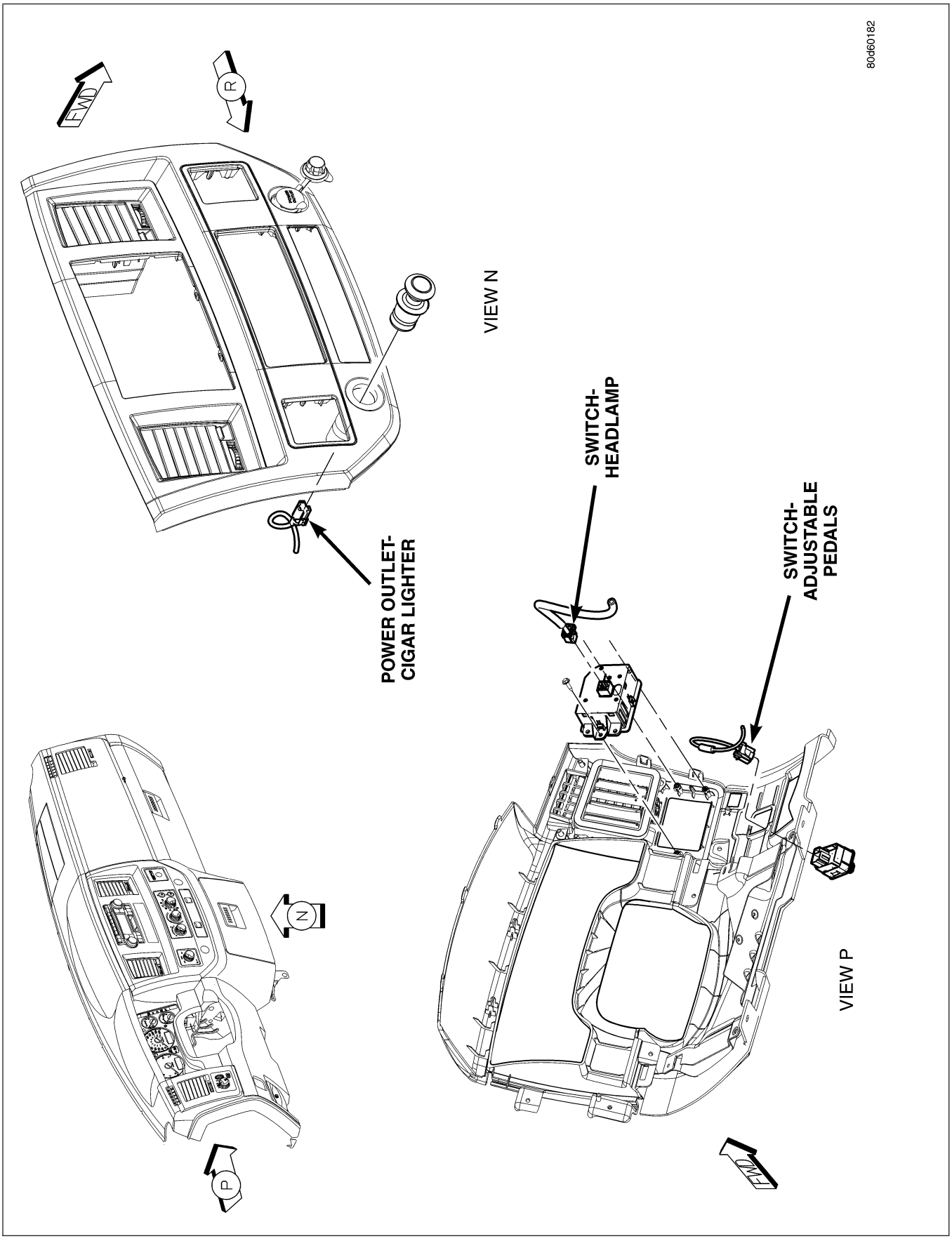



*Fig. 46 LEFT SIDE OF CENTER STACK*

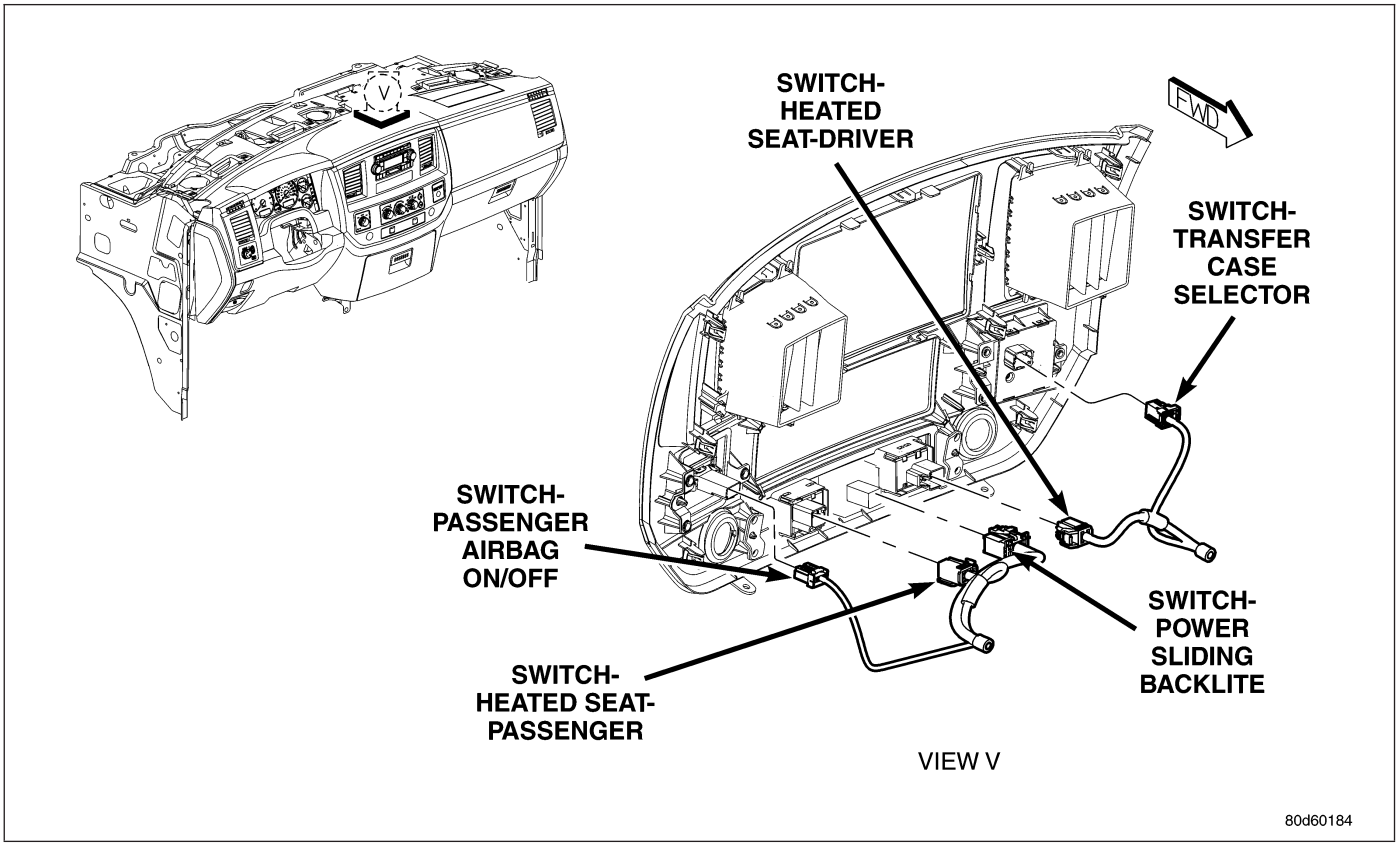



*Fig. 47 CENTER STACK*

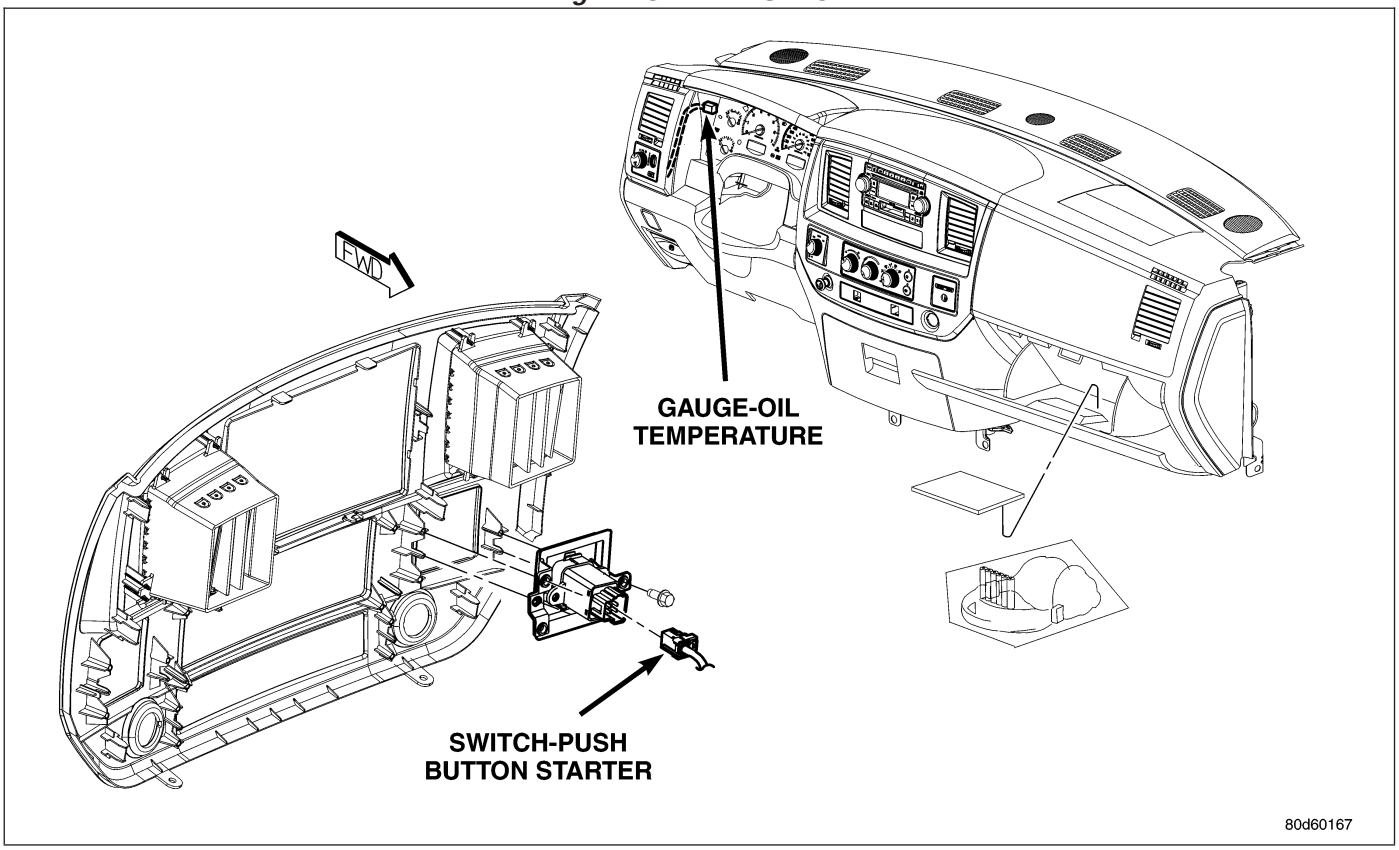



*Fig. 48 INSTRUMENT PANEL - SRT*

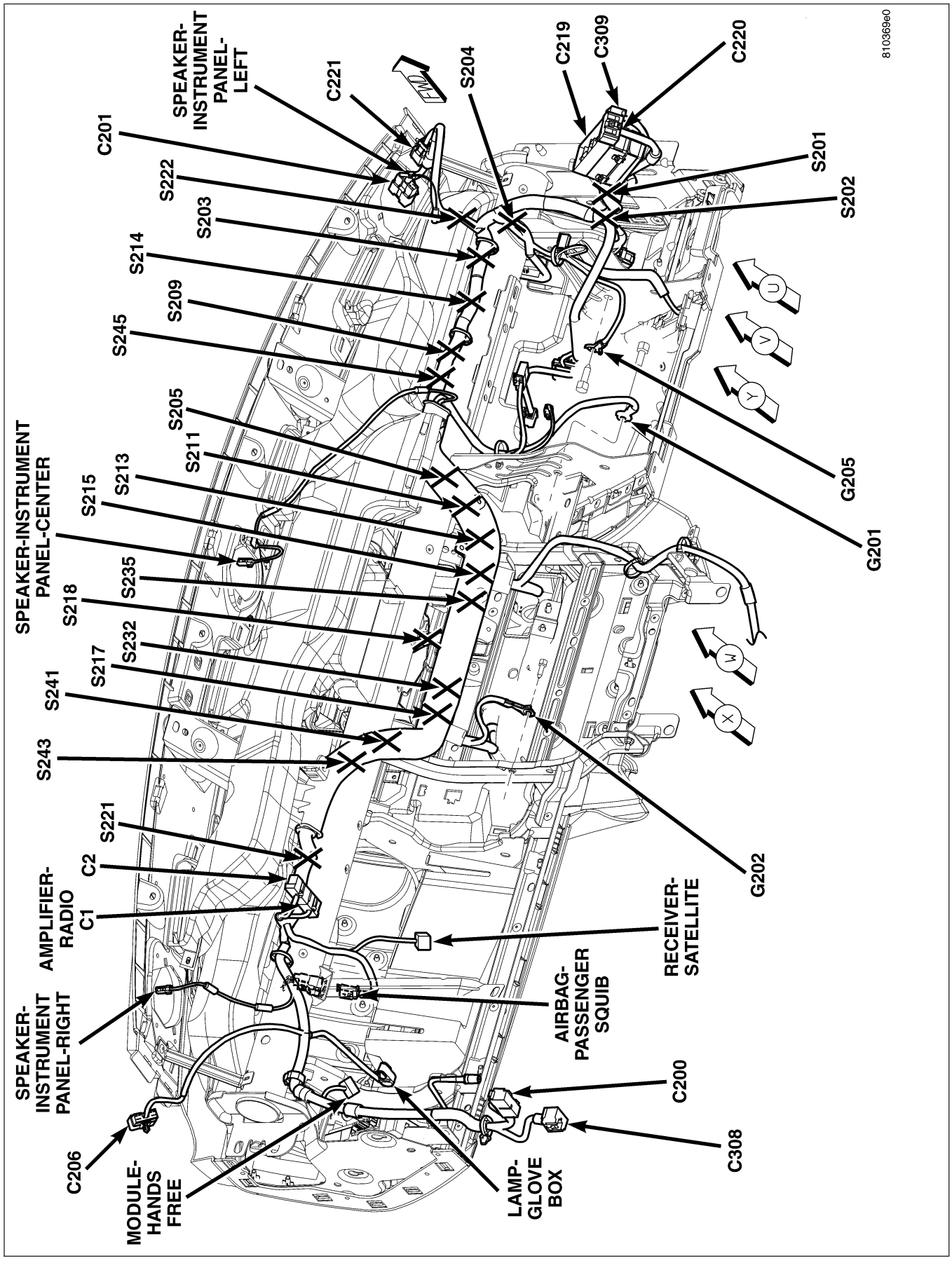



*Fig. 49 INSTRUMENT PANEL*

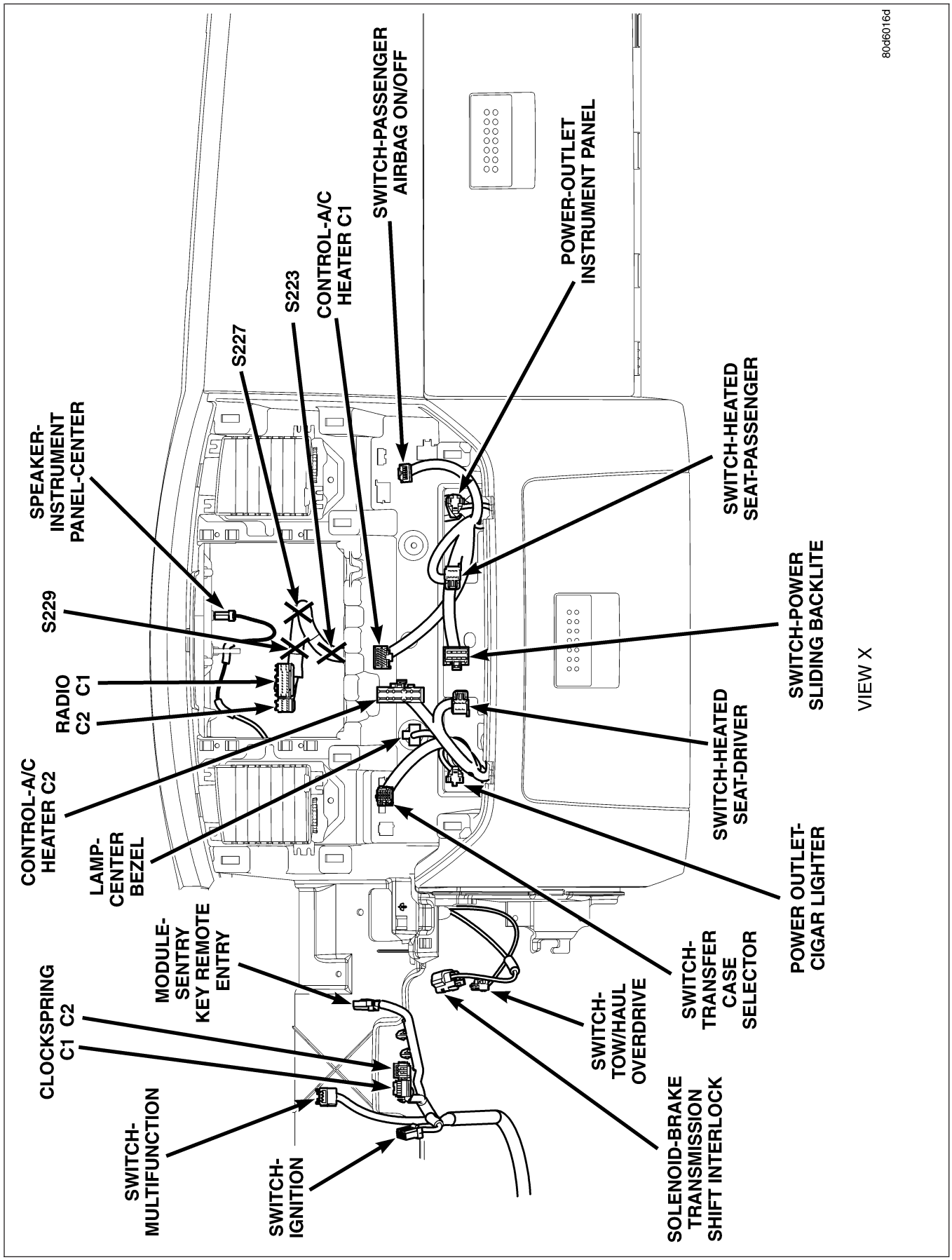



*Fig. 50 LEFT AND CENTER INSTRUMENT PANEL*

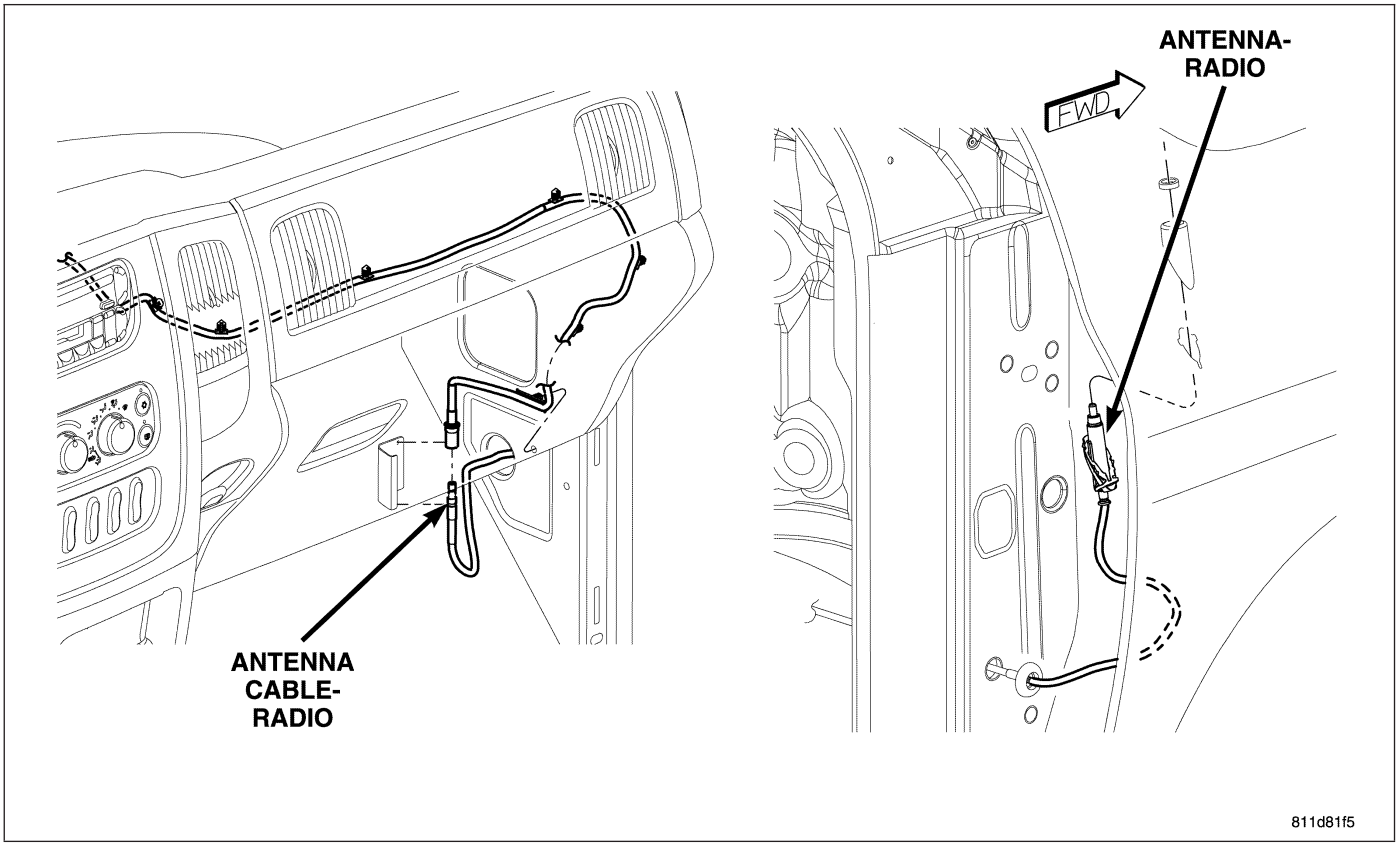



*Fig. 51 RADIO ANTENNA*

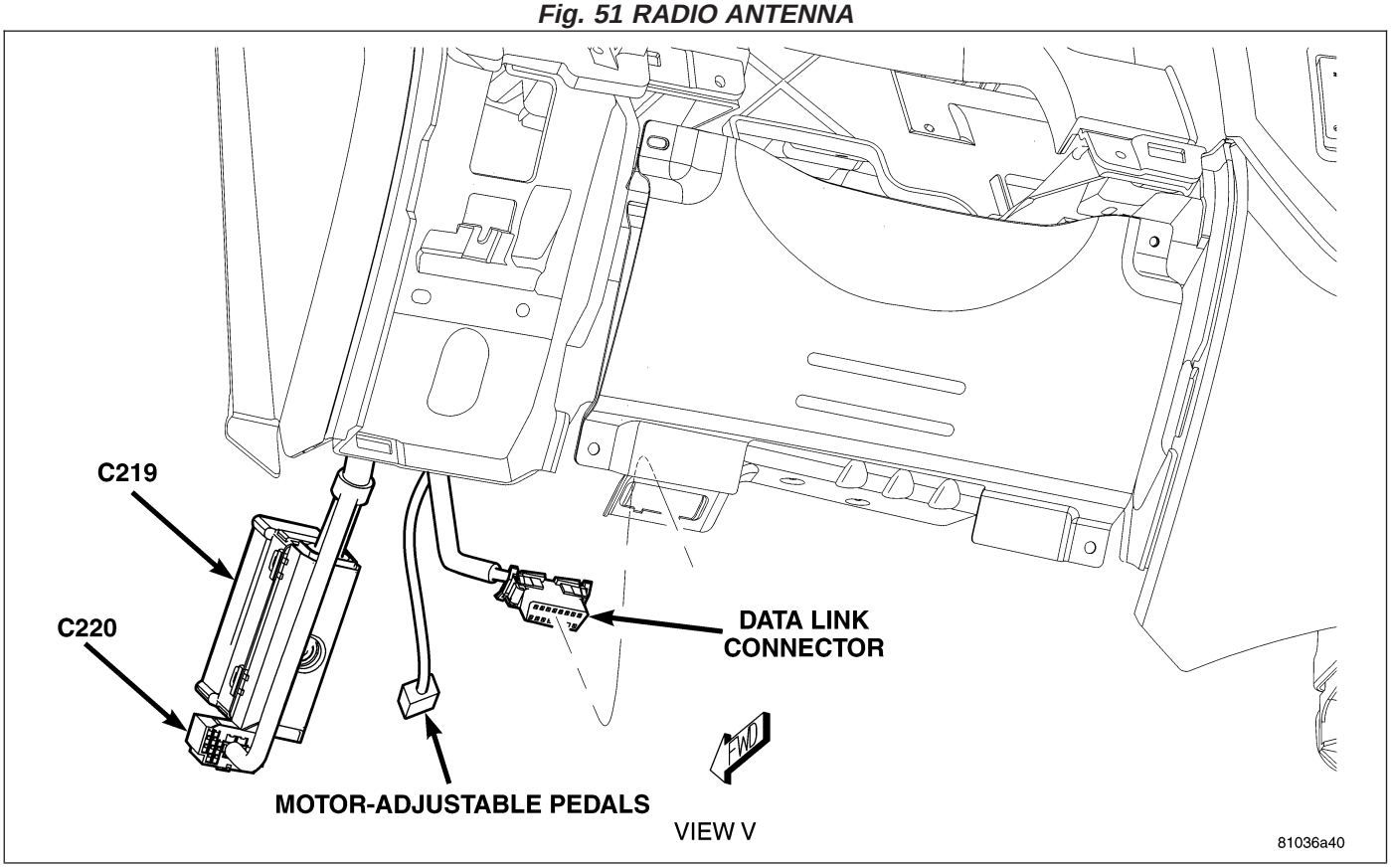



*Fig. 52 LOWER LEFT INSTRUMENT PANEL*

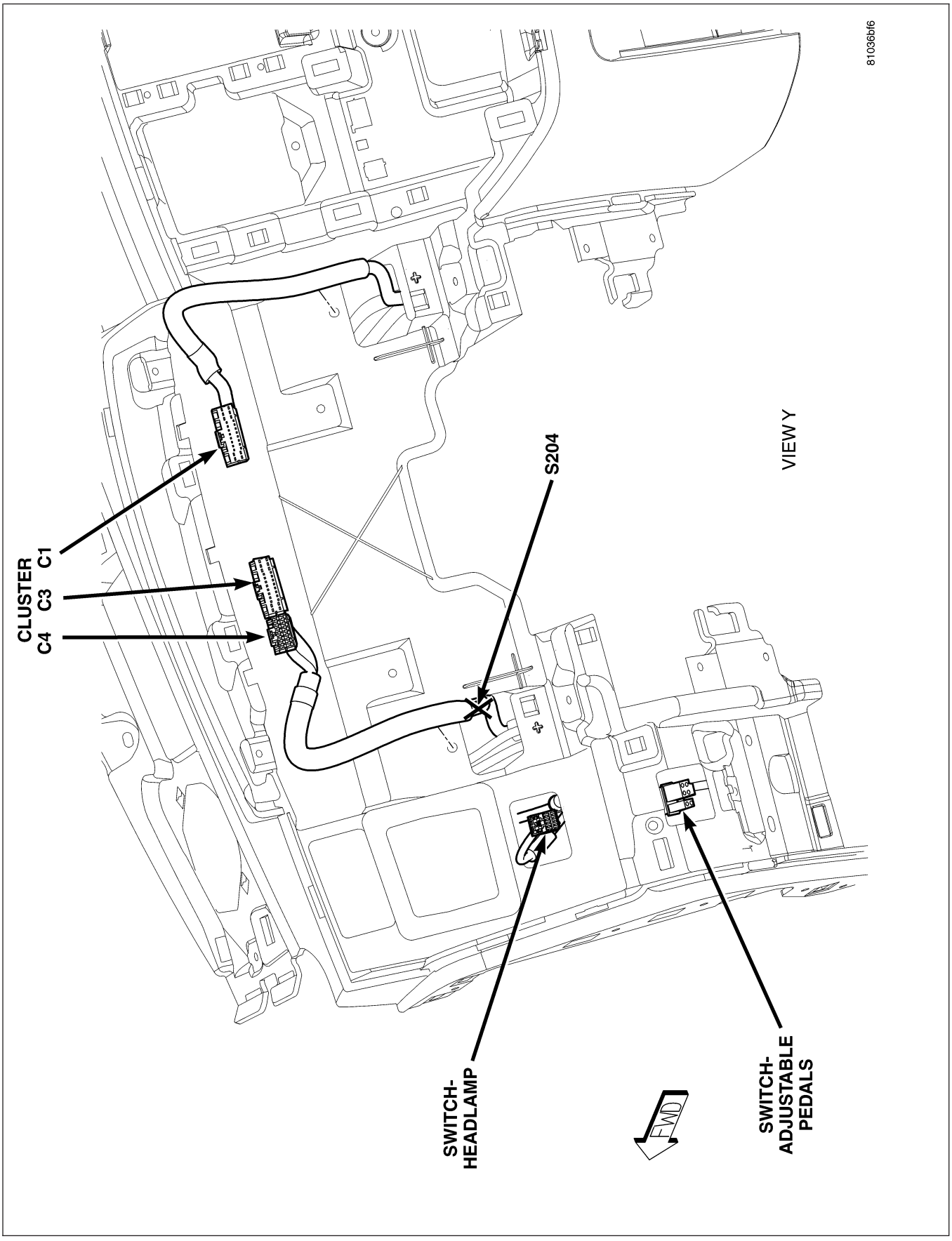



*Fig. 53 LEFT INSTRUMENT PANEL*

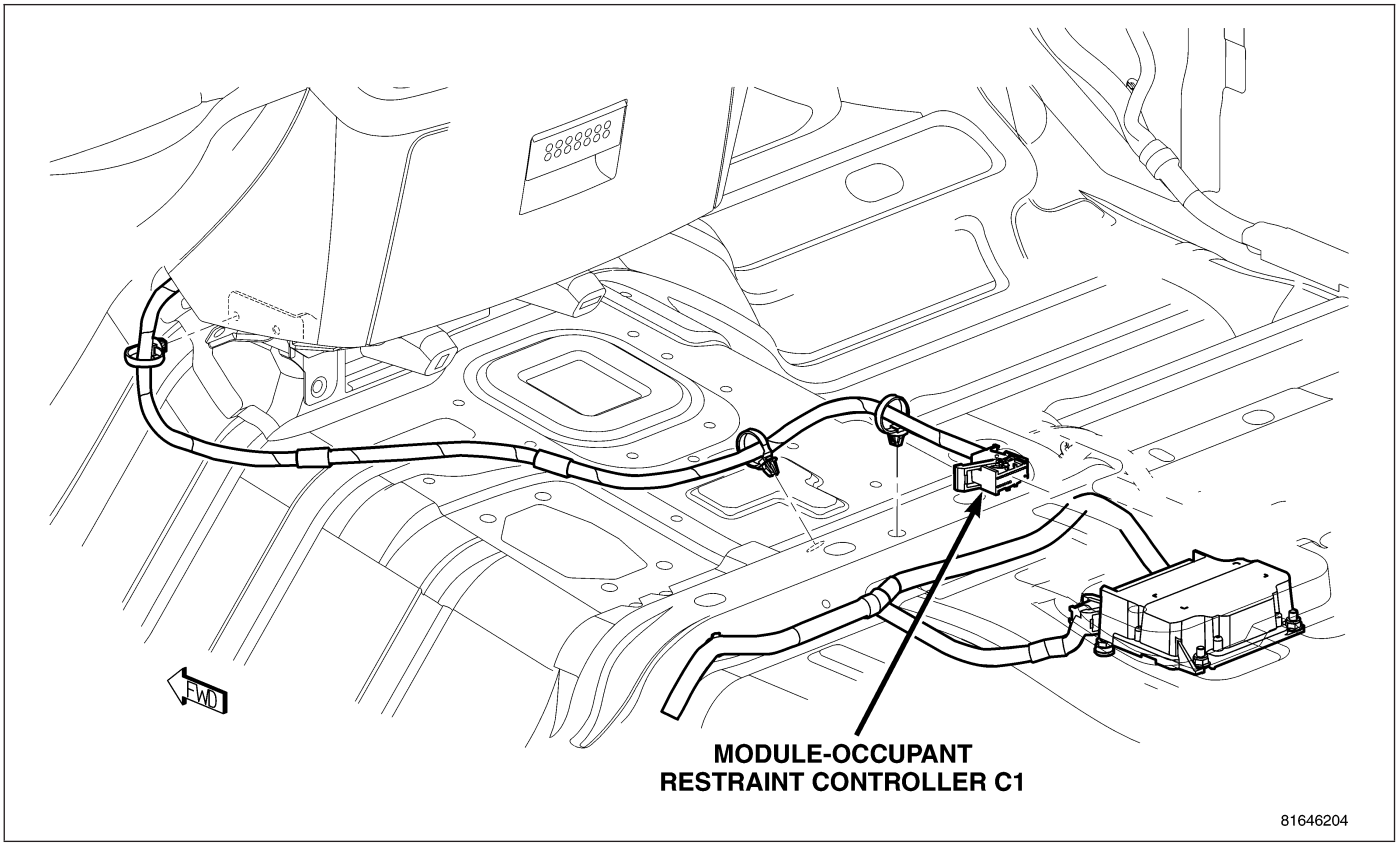



*Fig. 54 FRONT CENTER BODY*

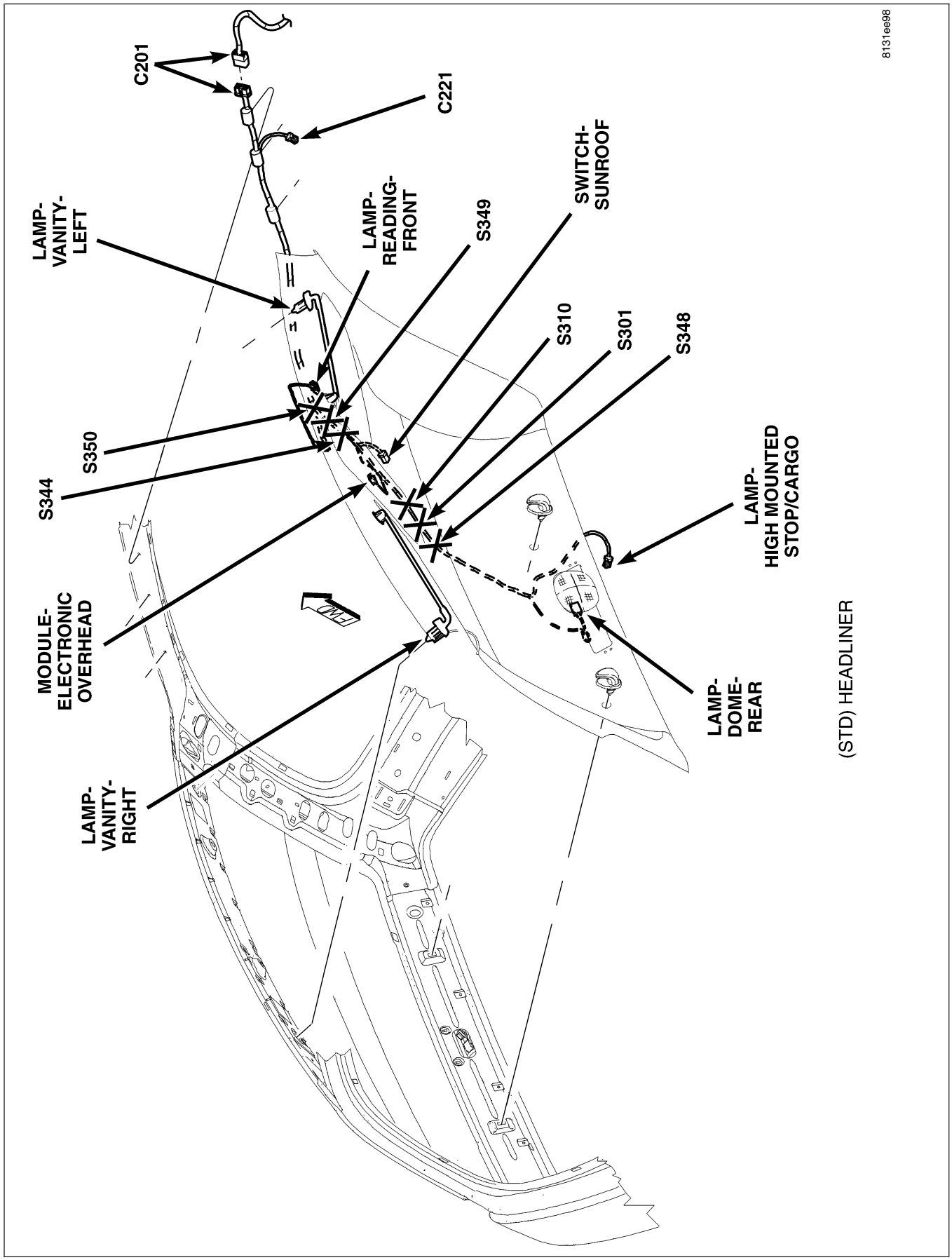



*Fig. 55 HEADLINER*

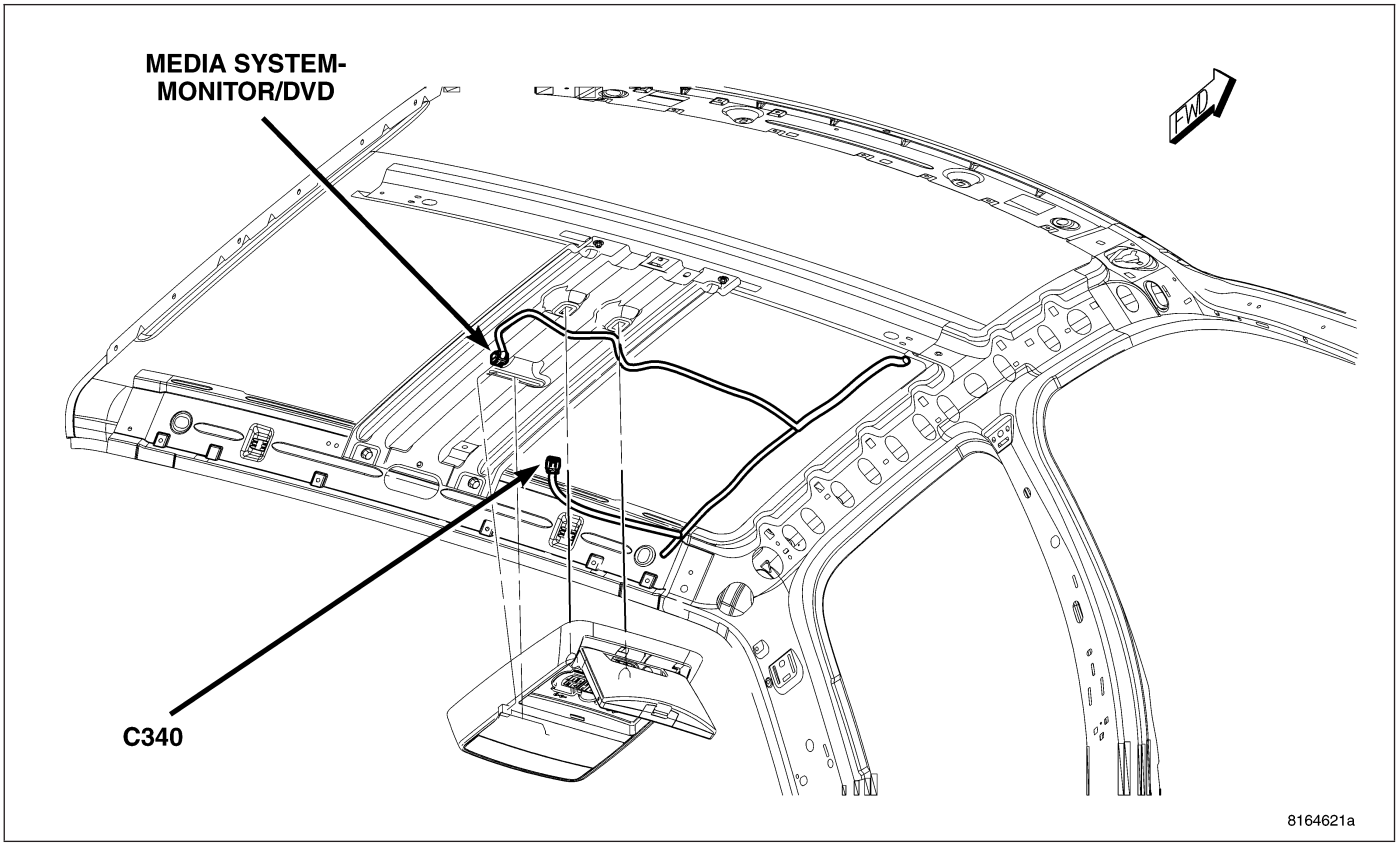



*Fig. 56 CENTER HEADLINER*

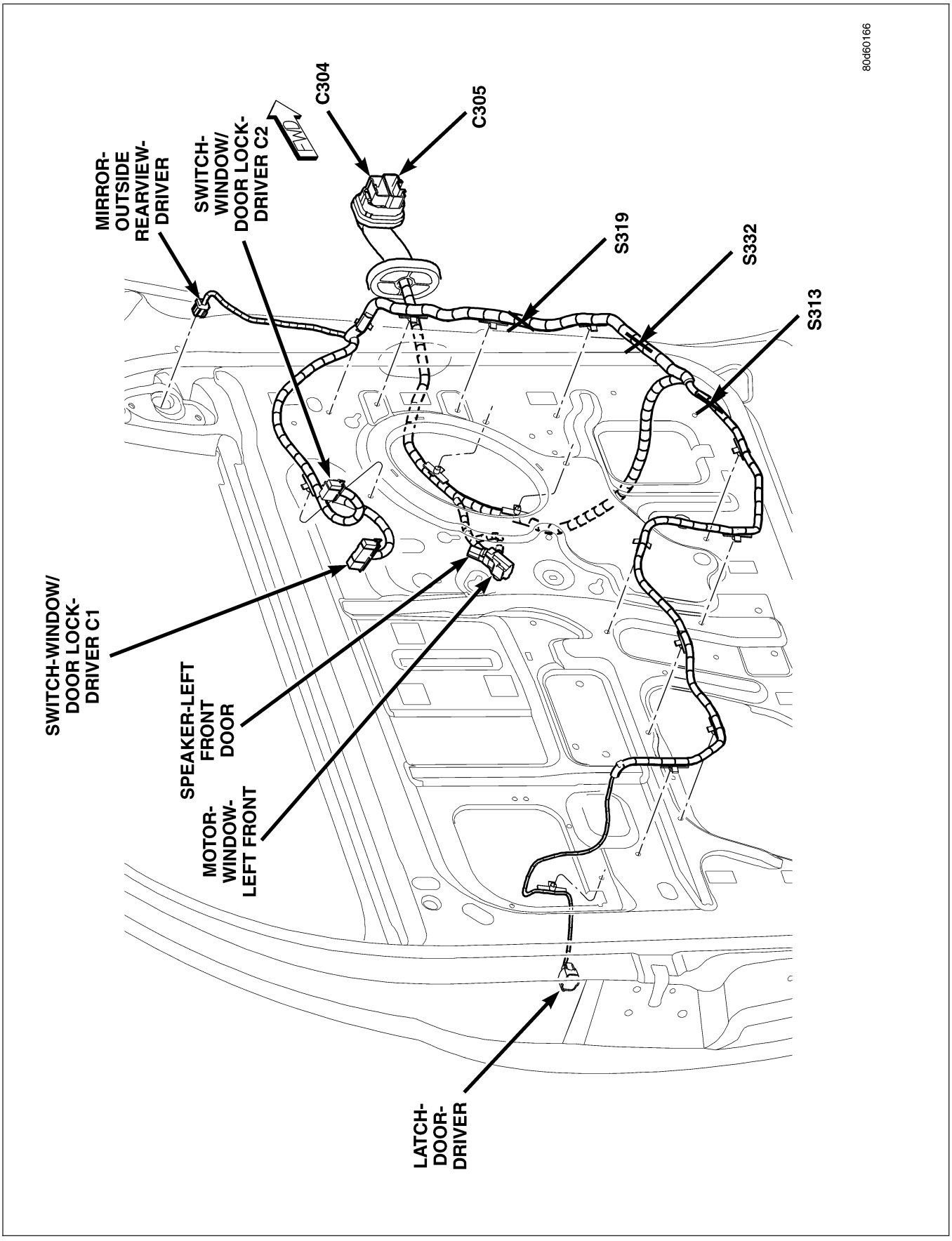



*Fig. 57 LEFT FRONT DOOR PREMIUM*

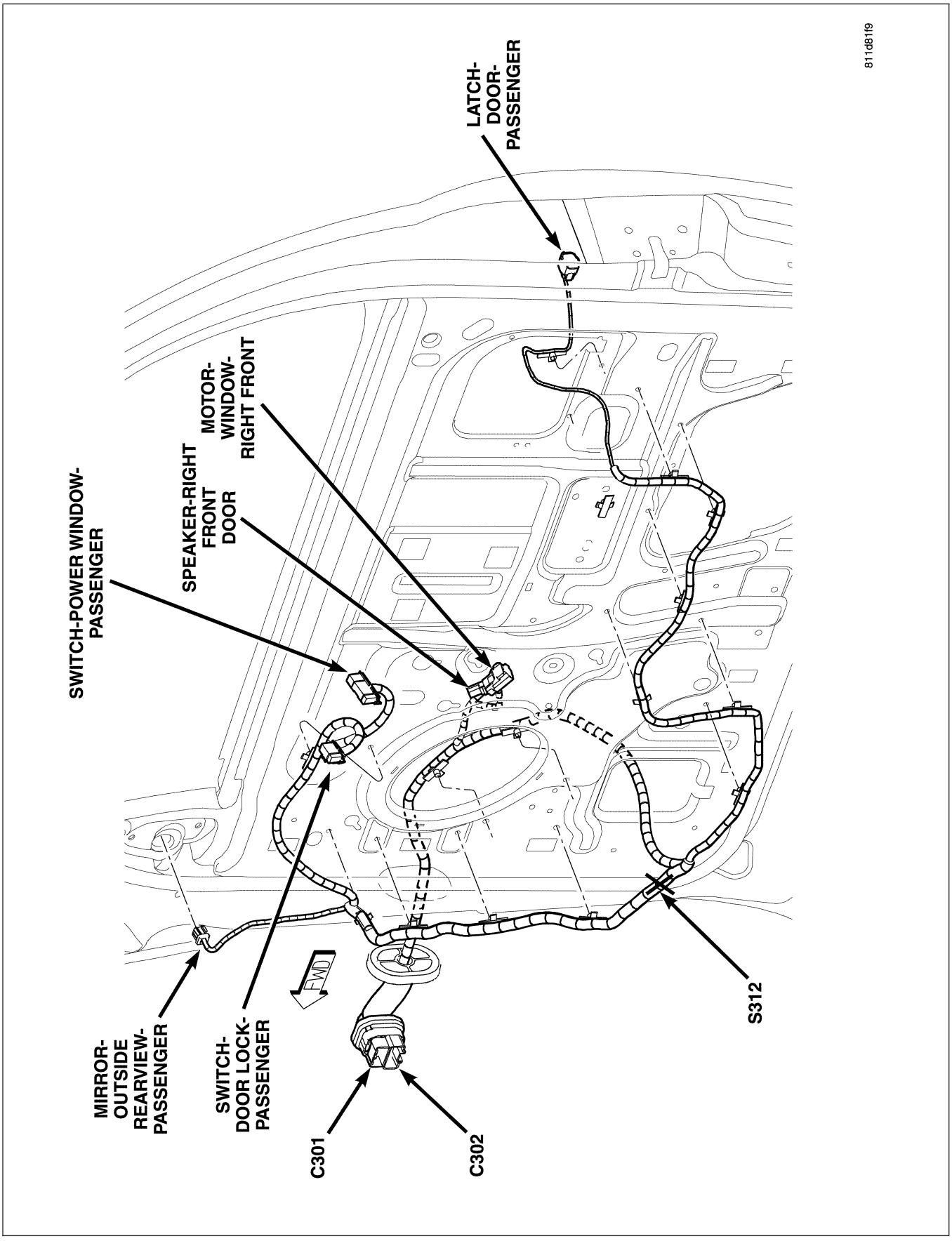



*Fig. 58 RIGHT FRONT DOOR PREMIUM*

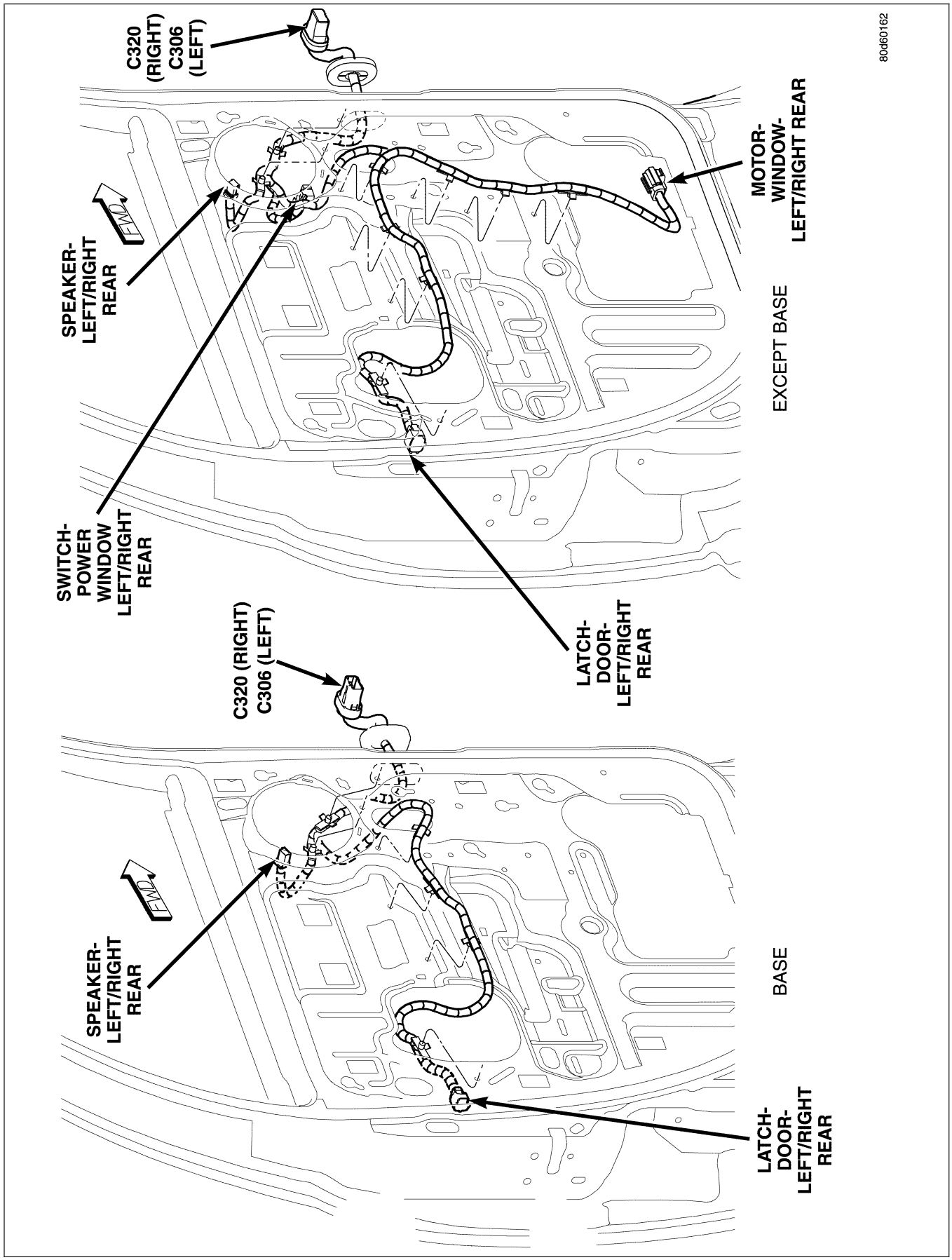



*Fig. 59 LEFT REAR DOOR (RIGHT SIDE SIMILAR)*

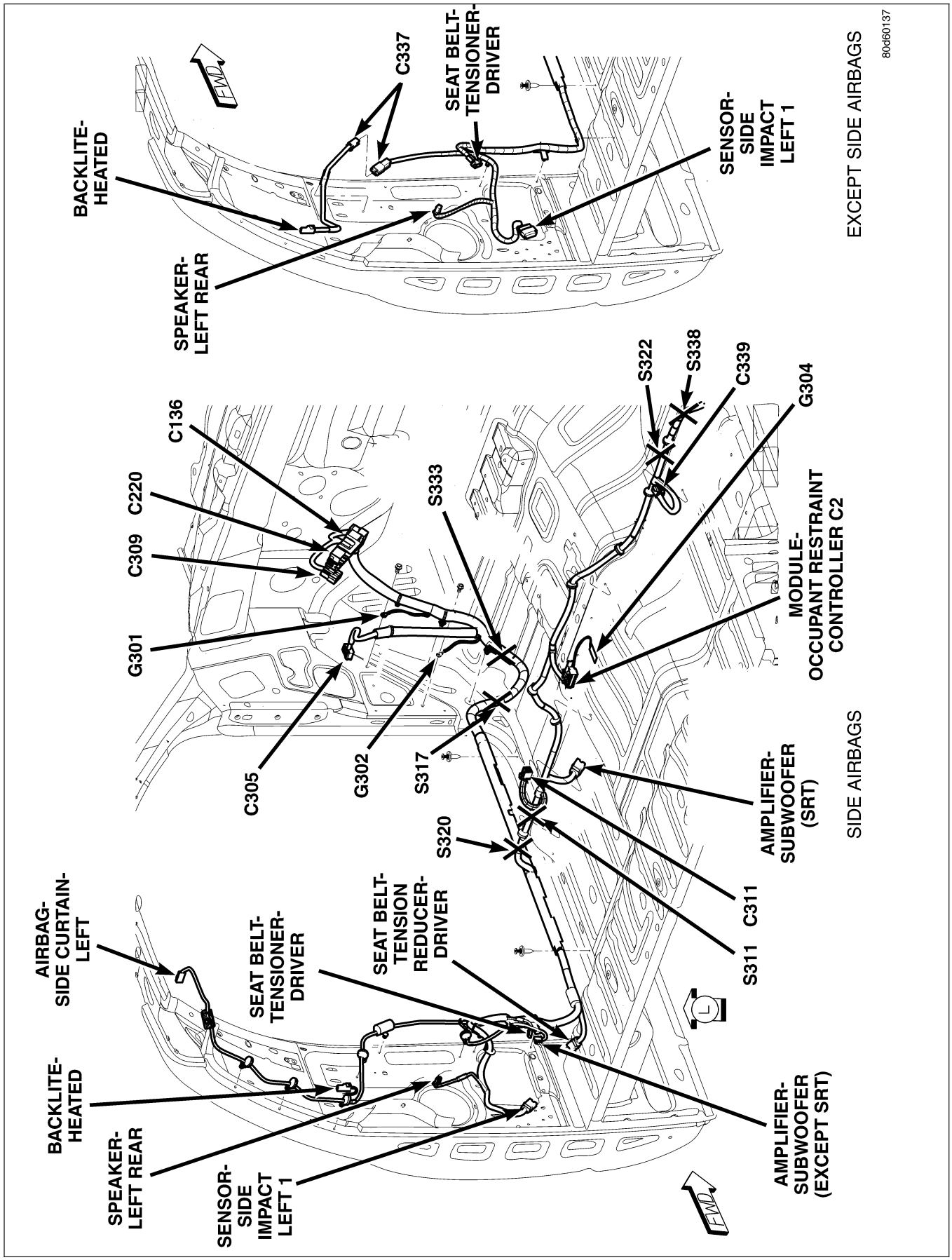



*Fig. 60 LEFT SIDE BODY - STANDARD CAB*

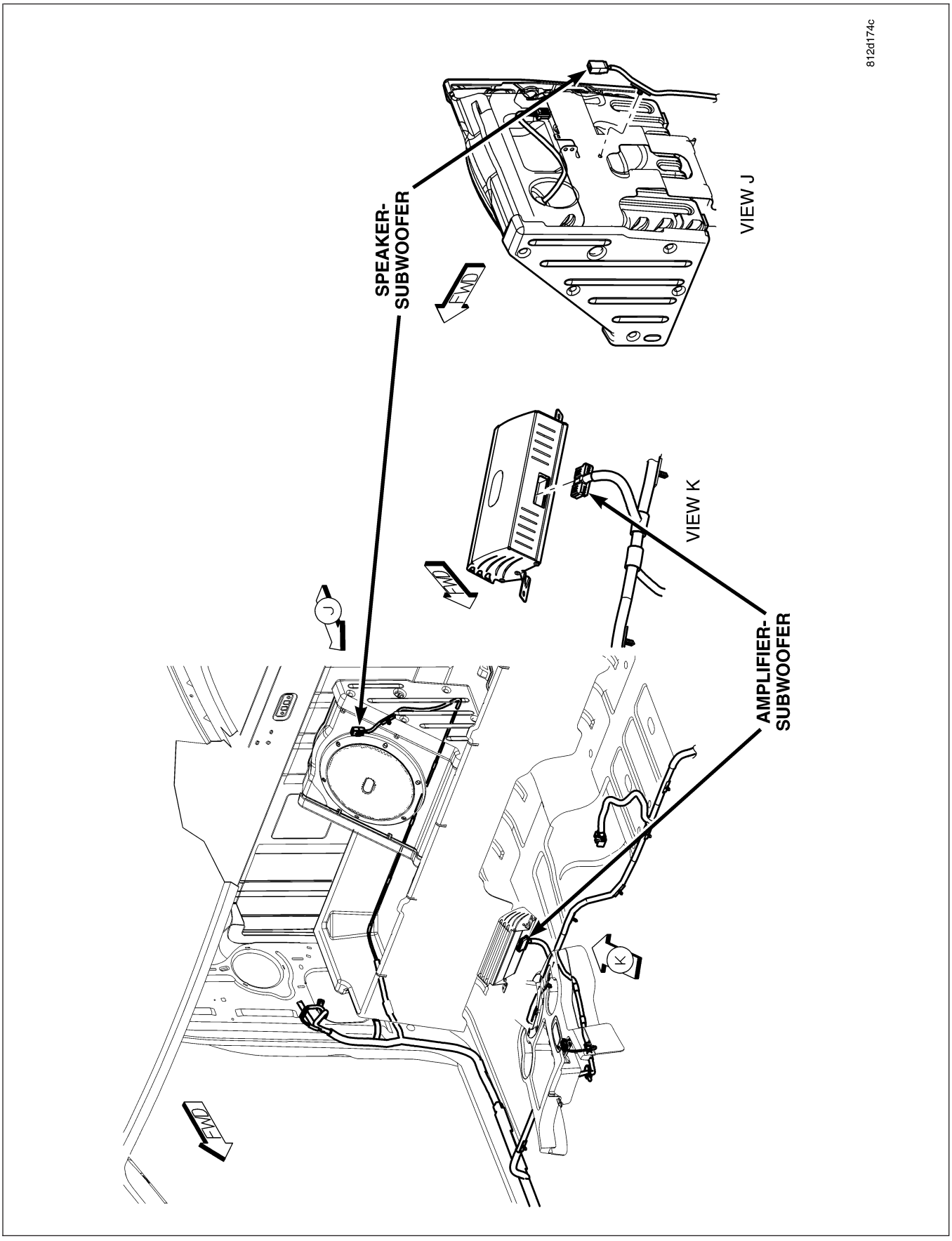



*Fig. 61 CENTER BODY (SRT)*

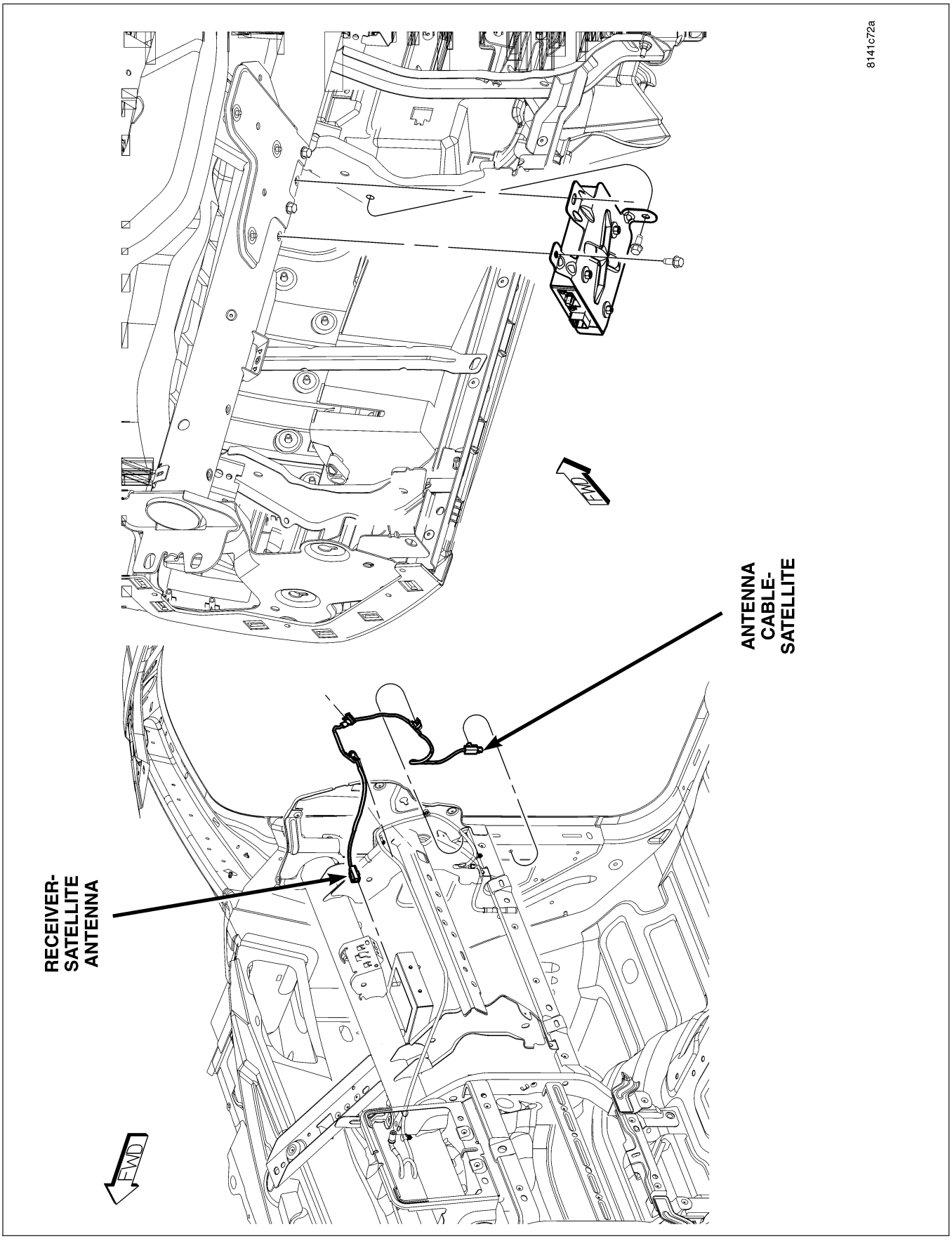



*Fig. 62 SATELLITE RECEIVER*

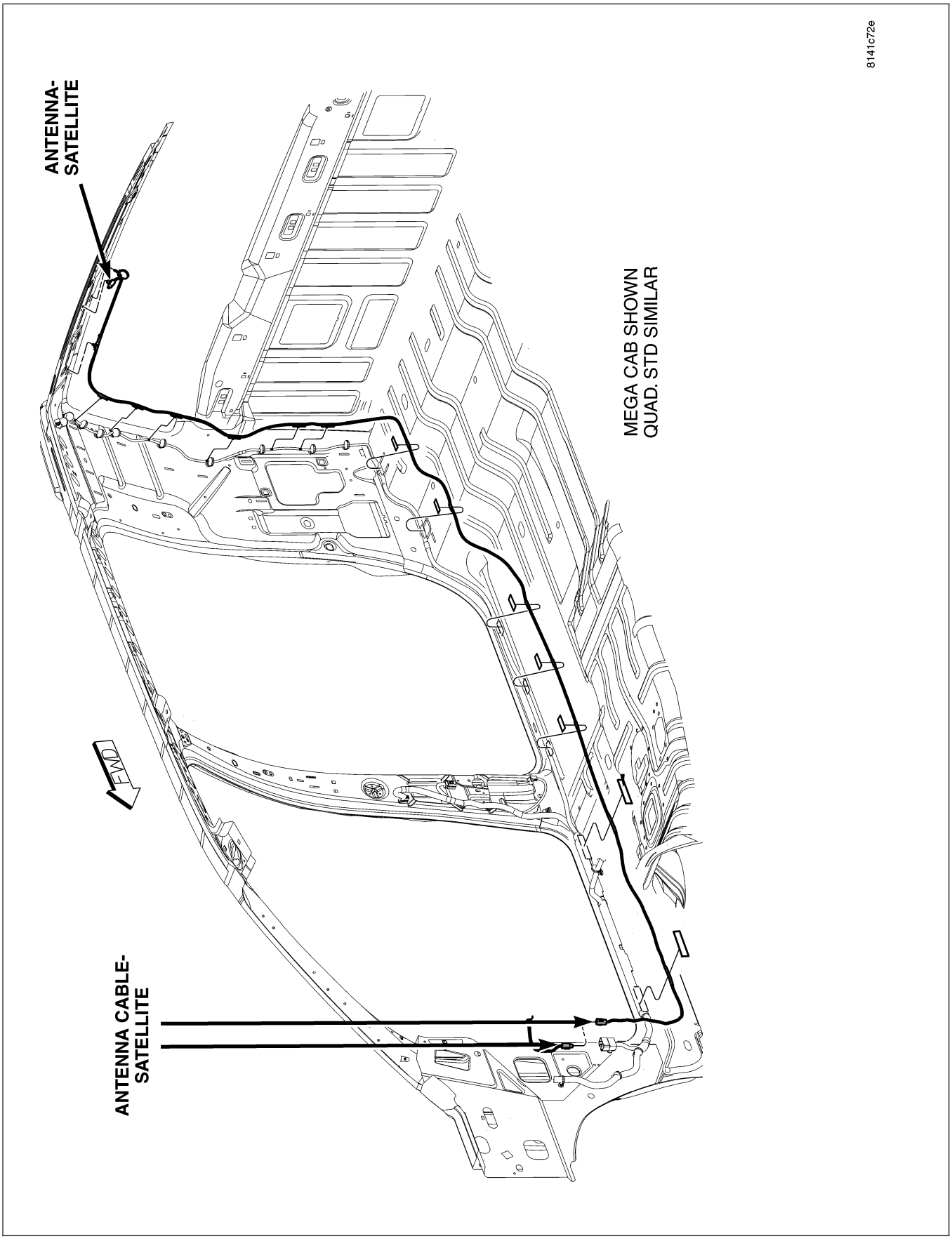



*Fig. 63 SATELLITE ANTENNA CABLE*

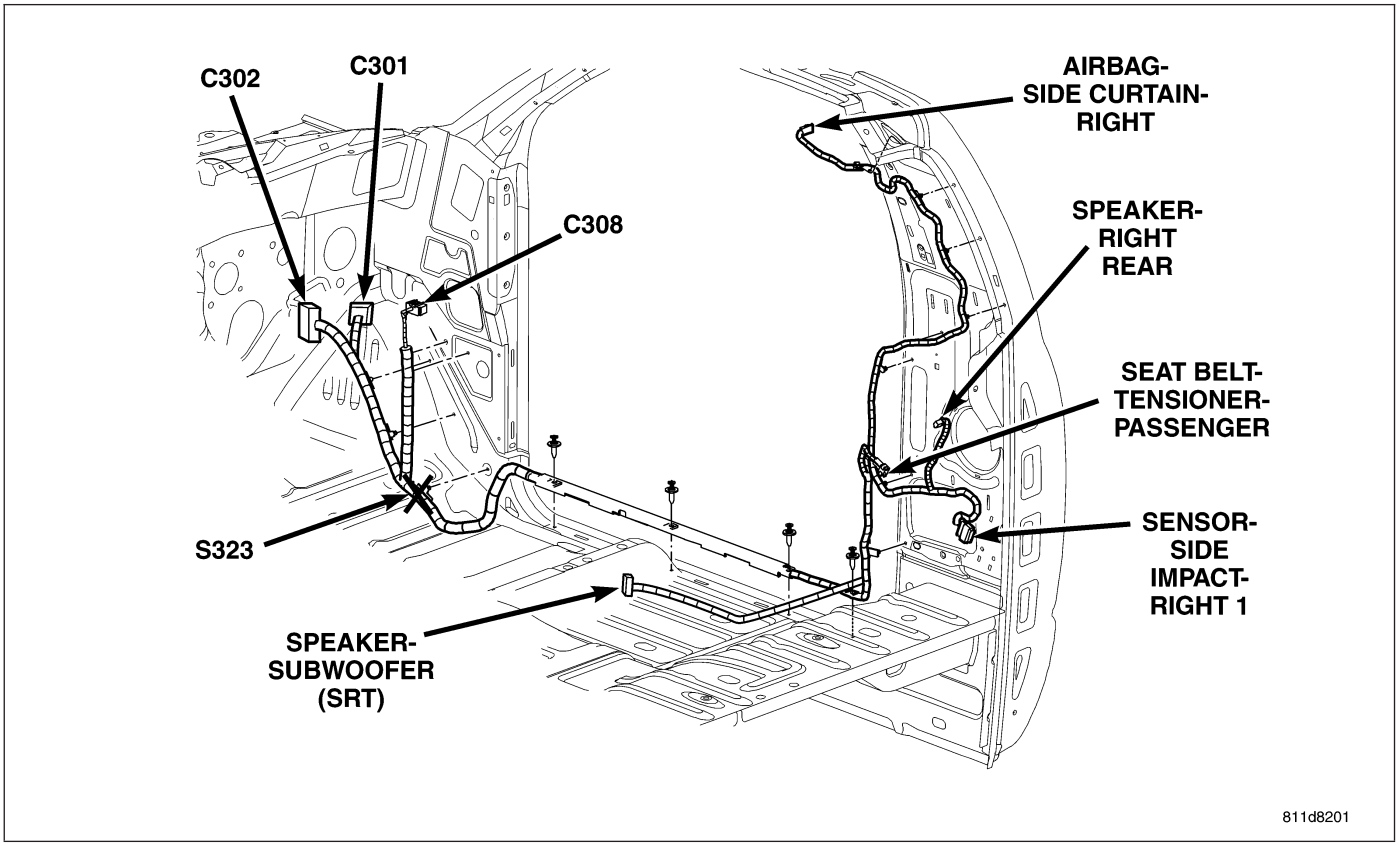



*Fig. 64 STANDARD CAB RIGHT SIDE BODY*

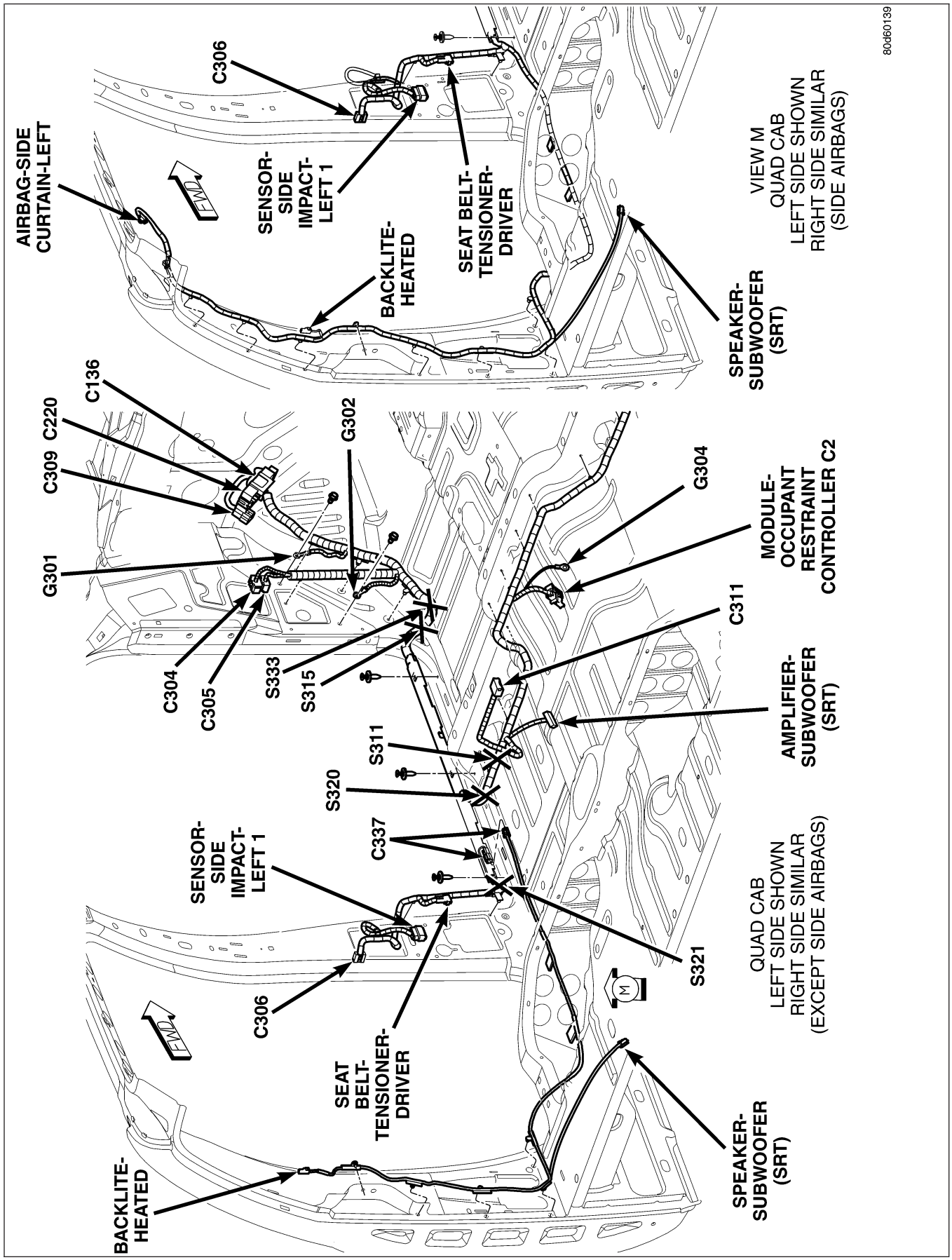



*Fig. 65 LEFT SIDE BODY - QUAD CAB/MEGA CAB*

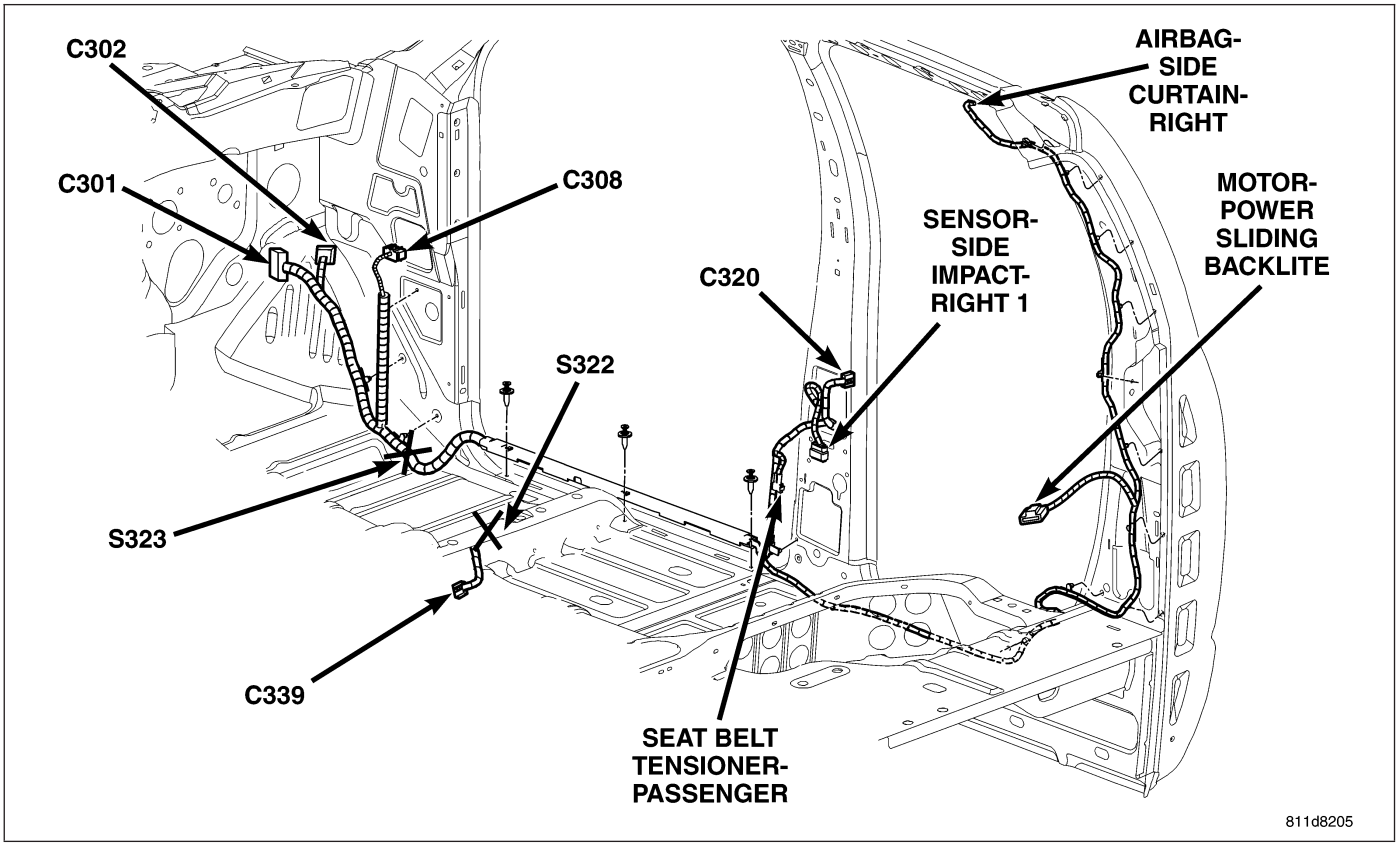



*Fig. 66 RIGHT SIDE BODY - QUAD CAB/MEGA CAB*

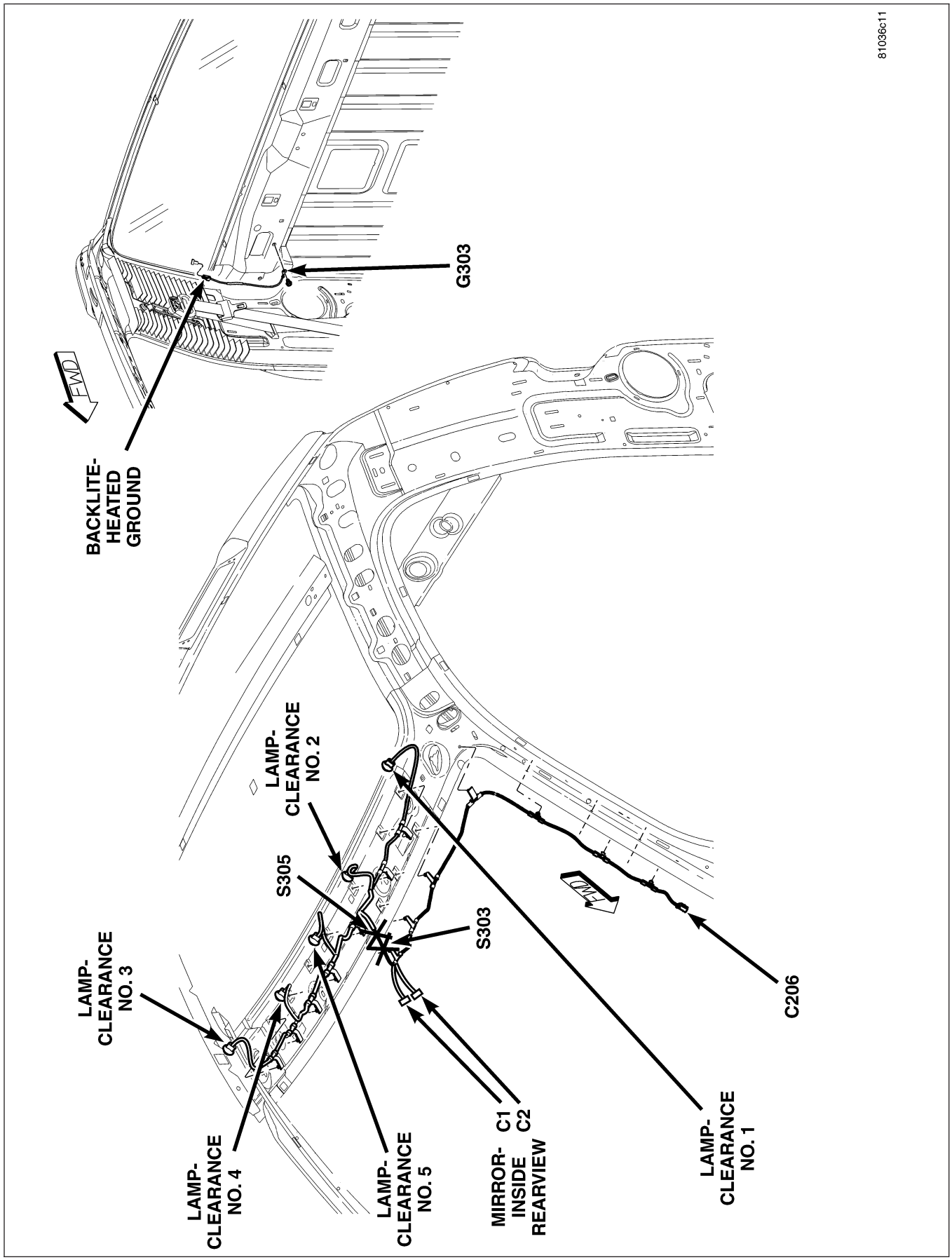

81036c11
FWD
BACKLITE-
HEATED
GROUND
G303
LAMP-
CLEARANCE
NO. 3
LAMP-
CLEARANCE
NO. 2
S305
S303
C206
LAMP-
CLEARANCE
NO. 4
LAMP-
CLEARANCE
NO. 5
MIRROR-
INSIDE
REARVIEW
C1
C2
LAMP-
CLEARANCE
NO. 1

*Fig. 67 ROOF*

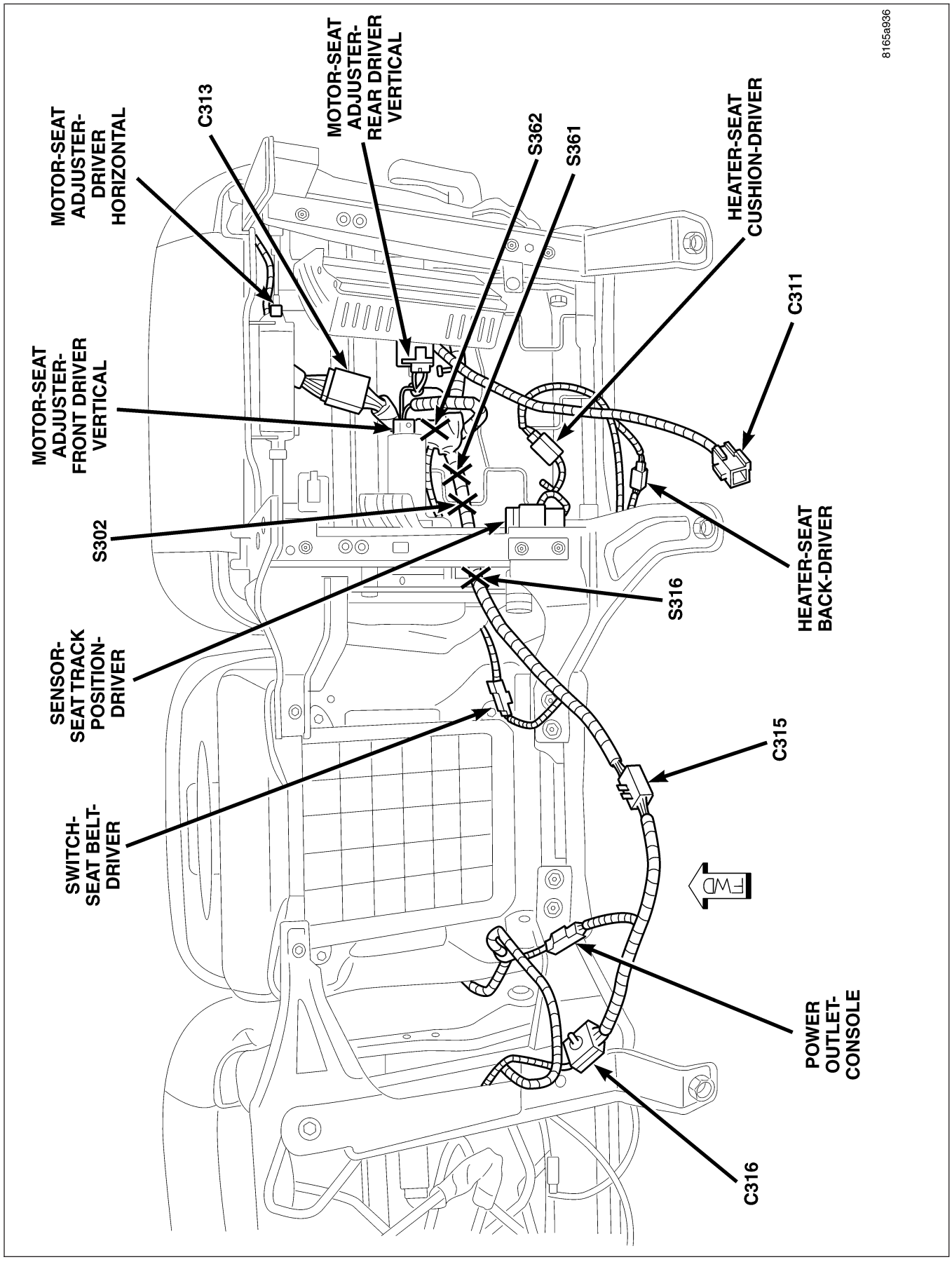



*Fig. 68 CENTER AND DRIVER SEAT*

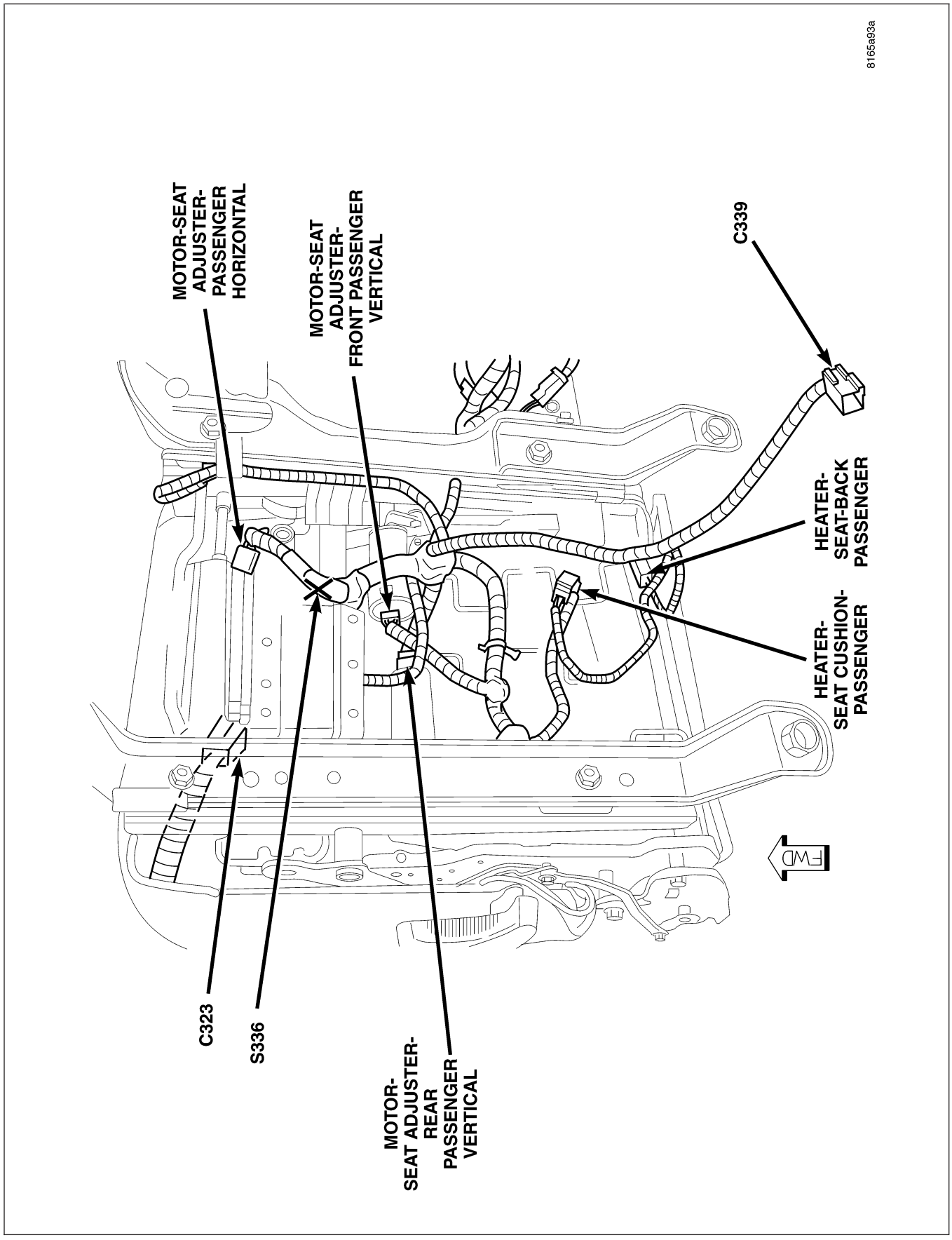



*Fig. 69 PASSENGER SEAT*

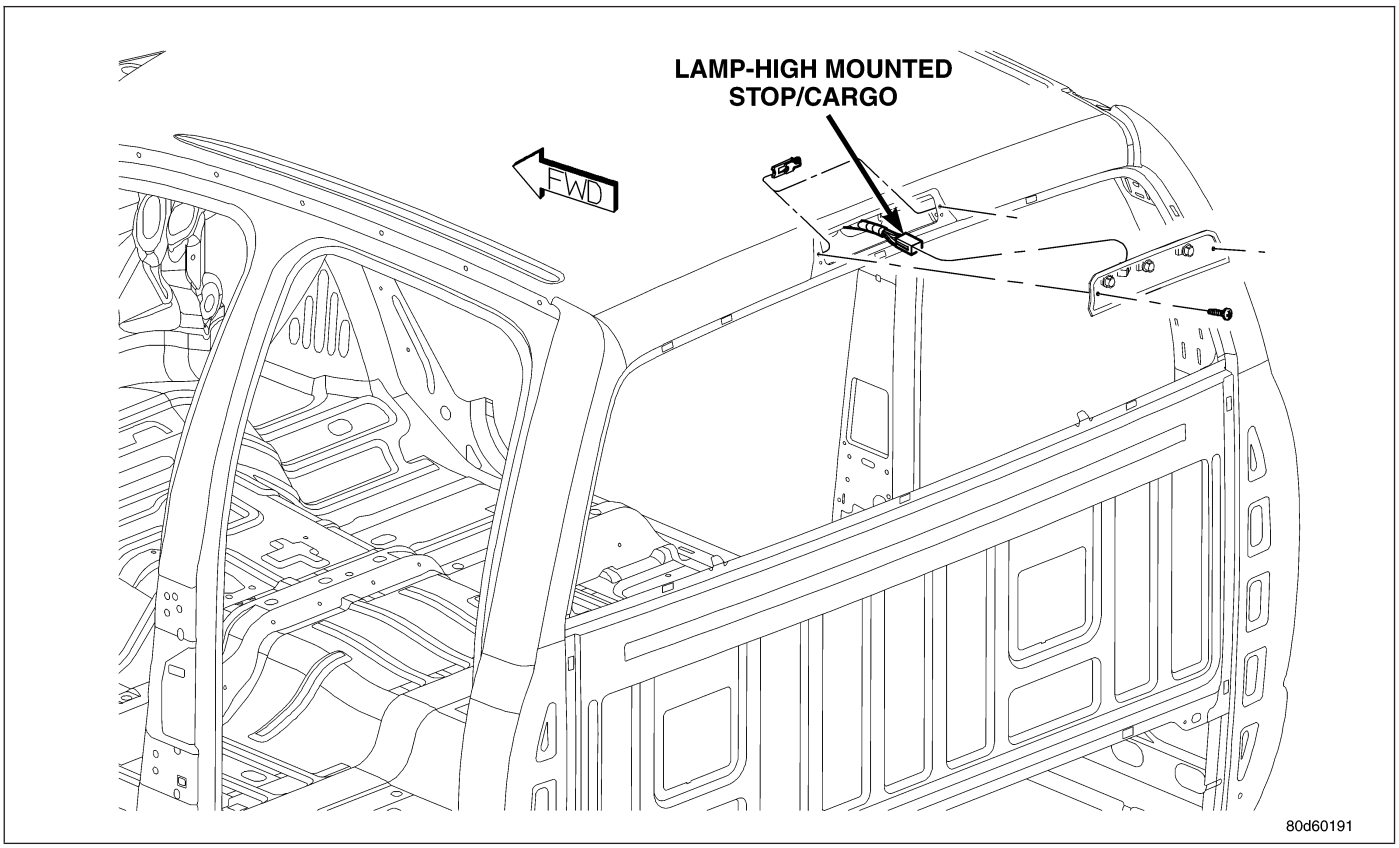



*Fig. 70 REAR BODY*

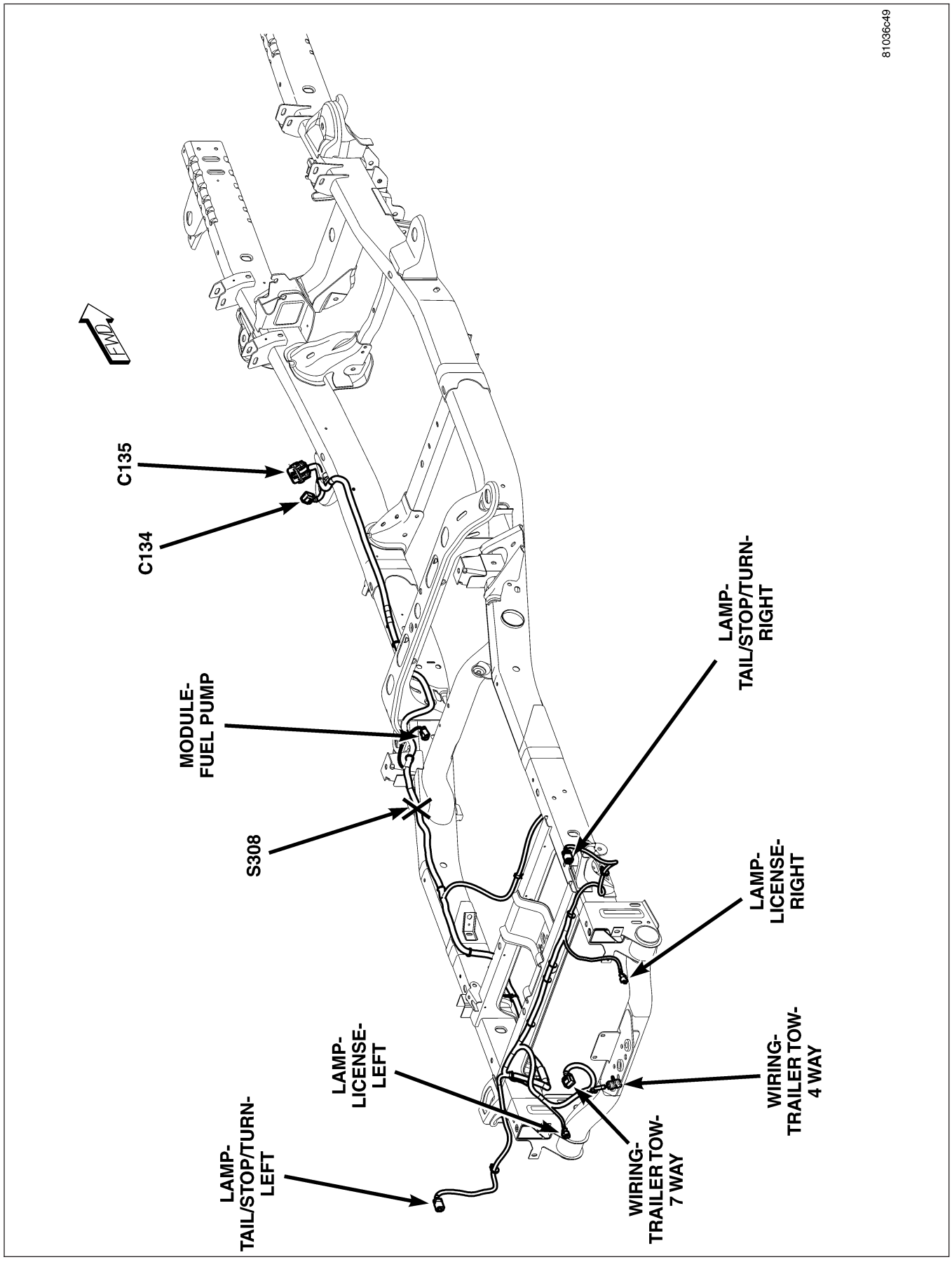



*Fig. 71 CHASSIS*

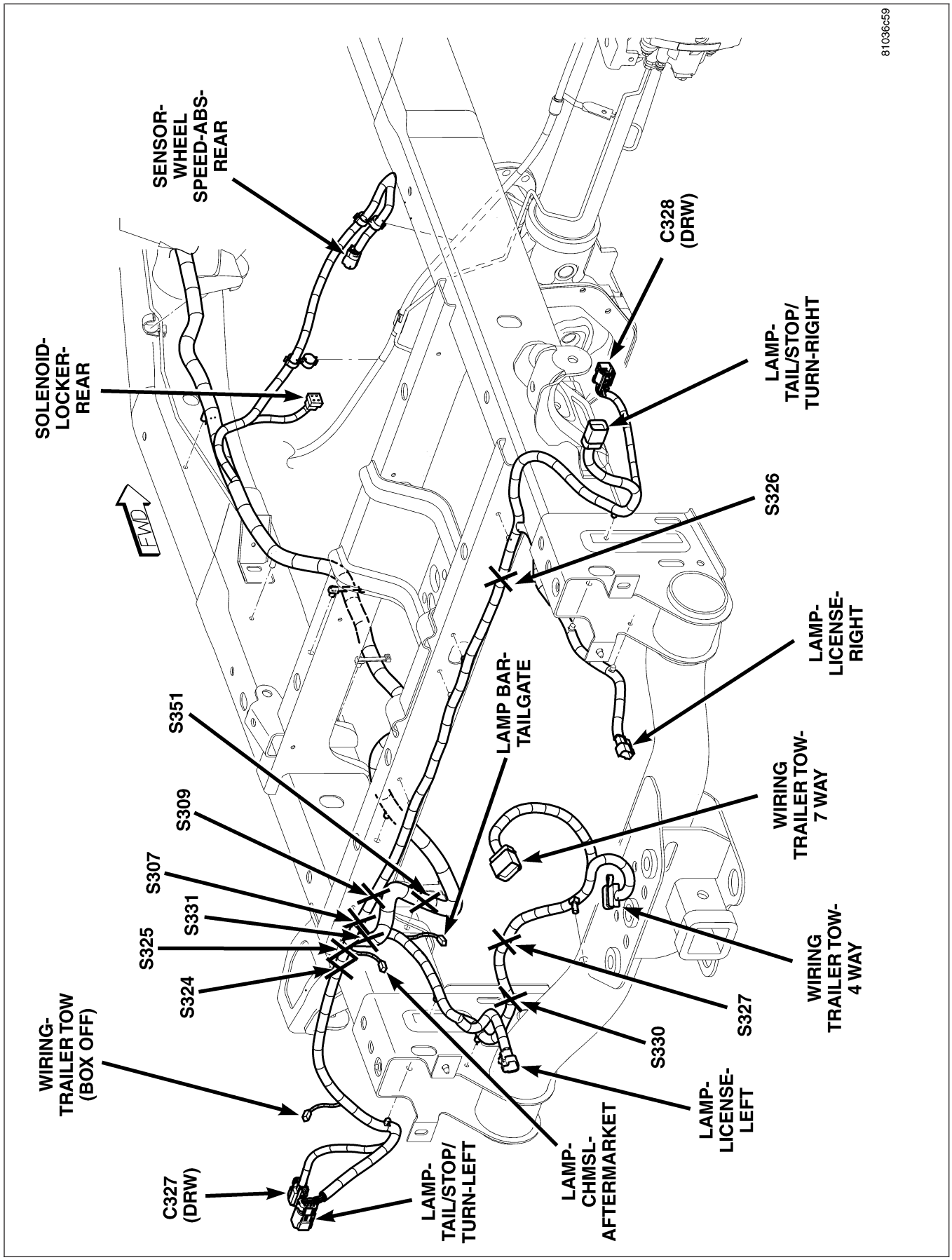



*Fig. 72 REAR CHASSIS*

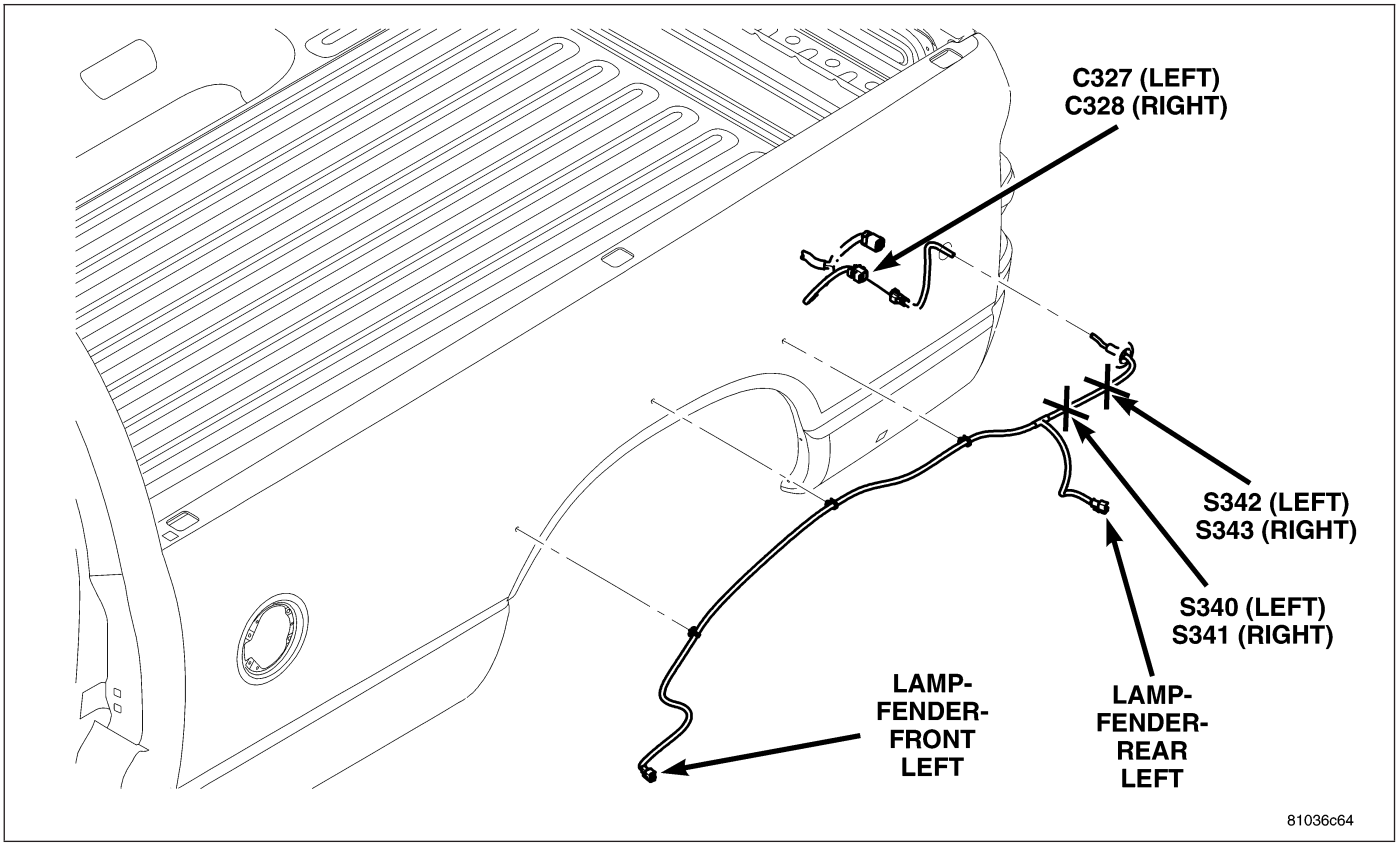



*Fig. 73 LEFT REAR FENDER (RIGHT SIDE SIMILAR)*

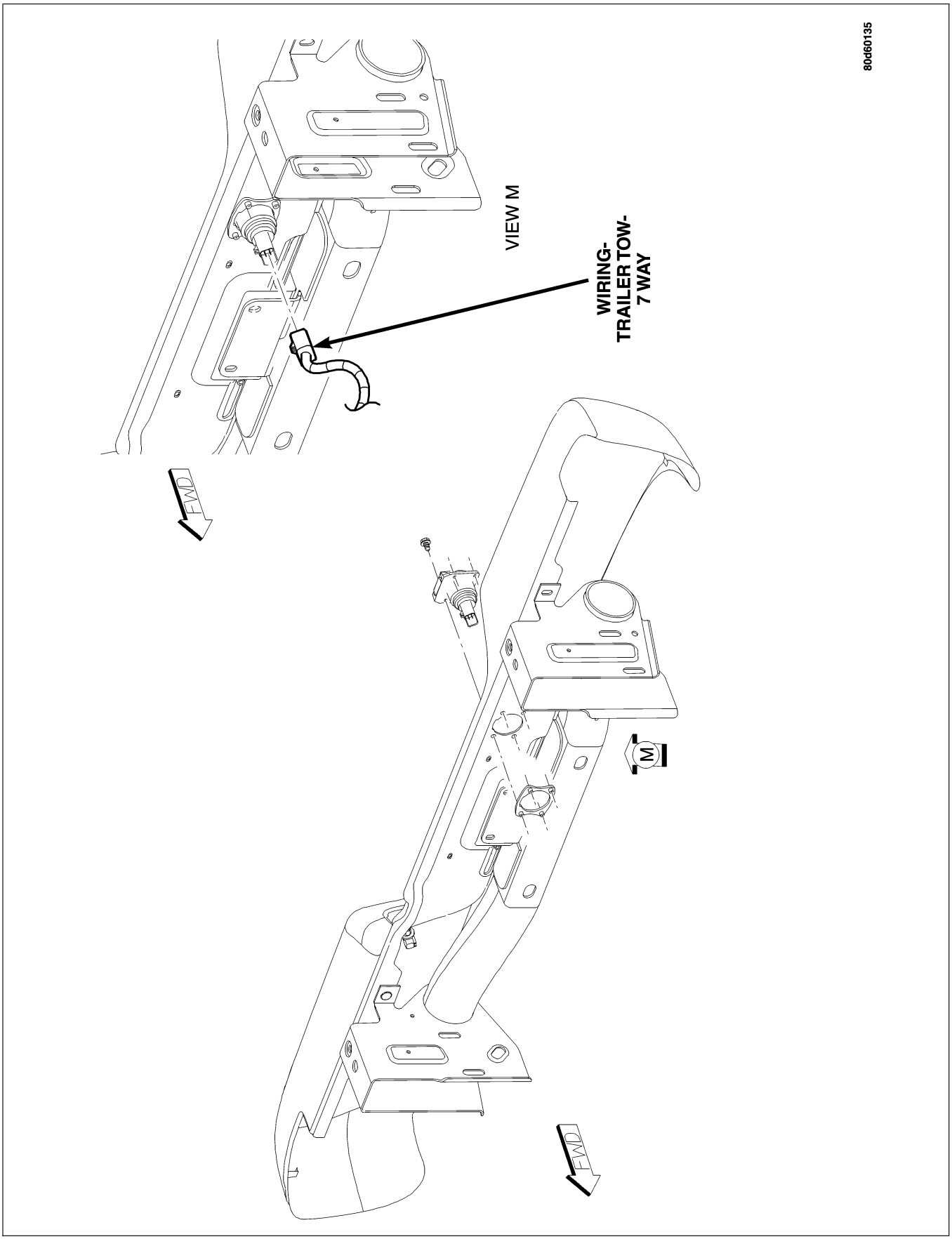



*Fig. 74 REAR BUMPER*

# 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

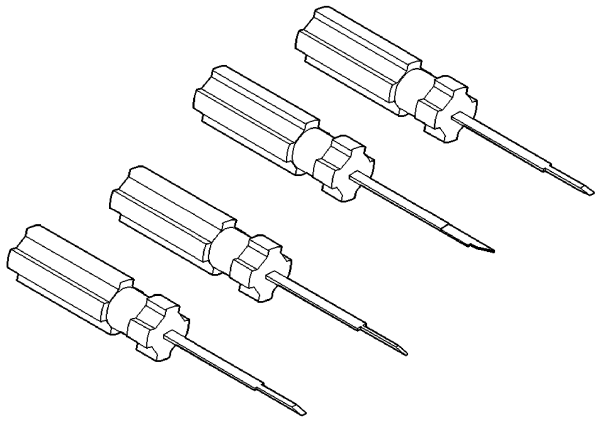
**For complete circuit diagrams, refer to the appropriate wiring information.** The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, 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.

## SPECIAL TOOLS

## POWER DISTRIBUTION SYSTEMS

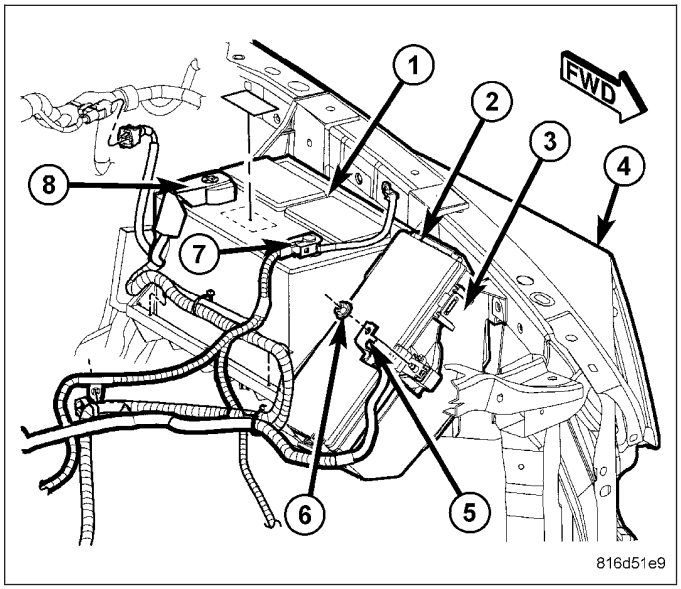


# MODULE-TOTALLY INTEGRATED POWER

## 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).



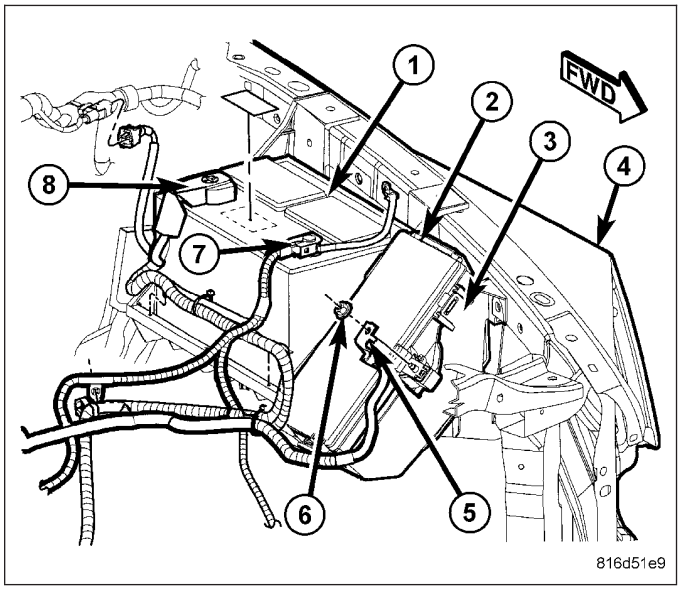

## OPERATION

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.

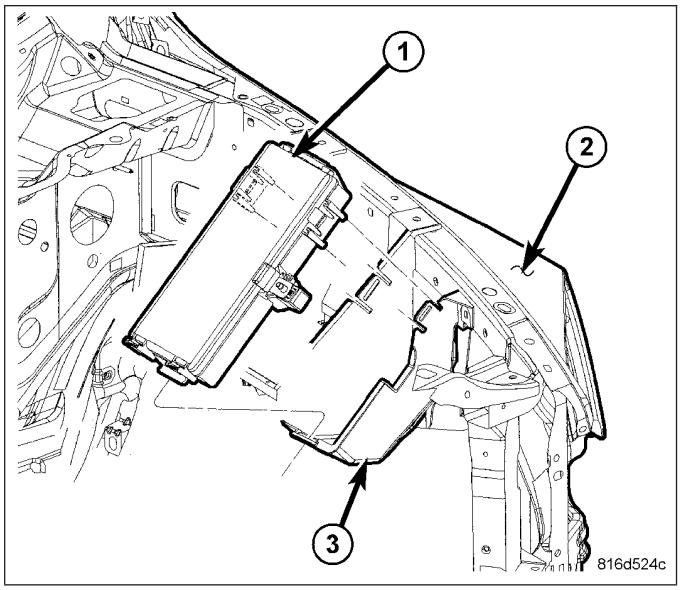
**For complete circuit diagrams, refer to the appropriate wiring information.** The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

## REMOVAL

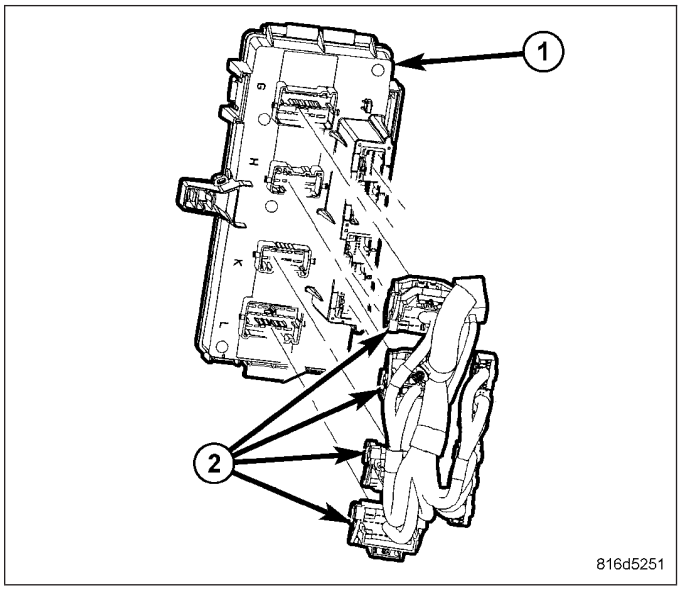
1. Disconnect and isolate the battery negative cable.
2. Remove the B+ terminal nut (6) from the Totally Integrated Power Module (2)(TIPM) B+ terminal. Remove the B+ cable (5) from the TIPM (2).
3. Using a suitable flat blade tool, disengage the TIPM (2) upper retaining tabs from the battery tray bracket (3).



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.

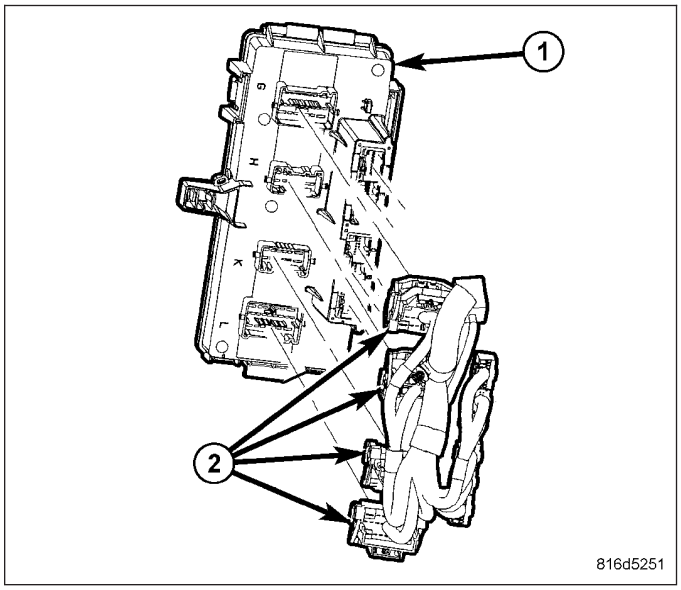


## INSTALLATION

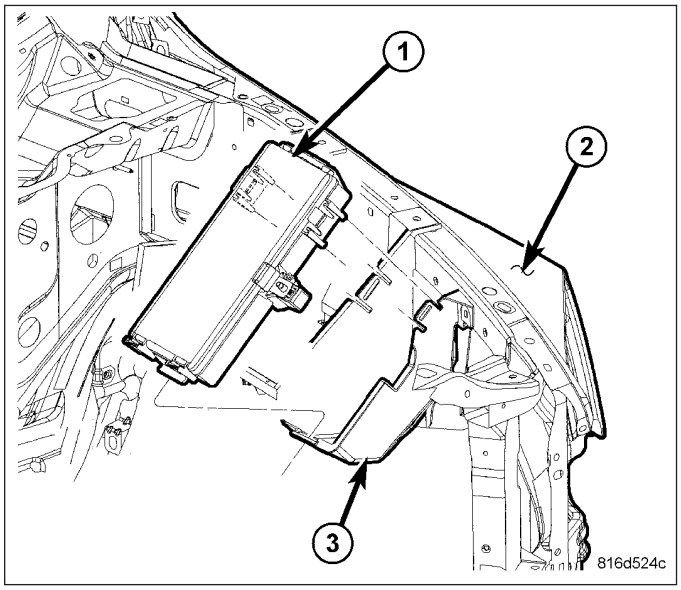
1. Position the Totally Integrated Power Module (1)(TIPM) into the vehicle.

**NOTE: Totally Integrated power module electrical connectors are color coded to ease location reference.**

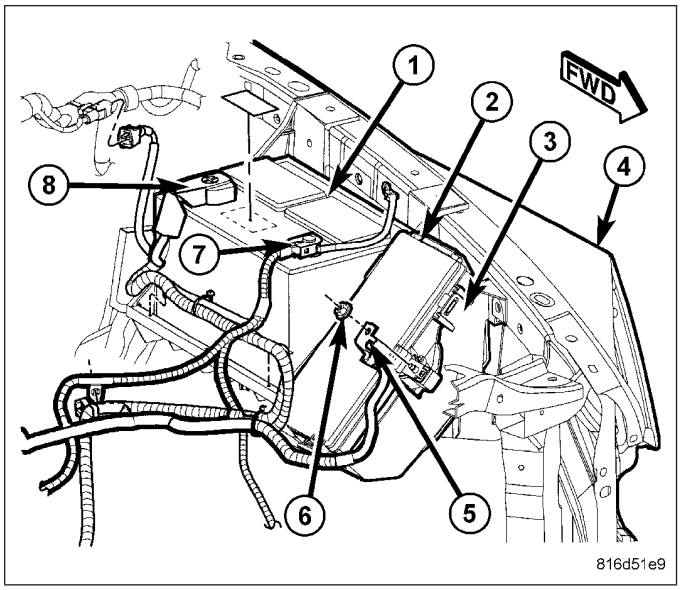
2. Connect the electrical connectors (2) by pushing straight on and rotating the connector arm inboard, until the connector is firmly locked in place on the TIPM assembly (1).




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).



5. Install the B+ terminal cable (5) and nut (6) on the B+ terminal of the TIPM (2).
6. Connect the battery negative cable.



# 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.

# POWER OUTLET-INSTRUMENT PANEL

## DESCRIPTION

A cigar lighter outlet is installed to the left of the center stack area in the lower instrument panel. The cigar lighter outlet is secured by a snap fit within the bezel.

The cigar lighter outlet, plastic cap and the knob and heating element unit are available for service replacement. These components cannot be repaired and, if inoperative or damaged, they must be replaced.

## OPERATION

The cigar lighter consists of two major components: a knob and heating element unit, and the cigar lighter base or outlet shell. The receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The cigar lighter receives battery voltage from a fuse in the Integrated Power Module (IPM) when the ignition switch is in the Accessory or Run positions.

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

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

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

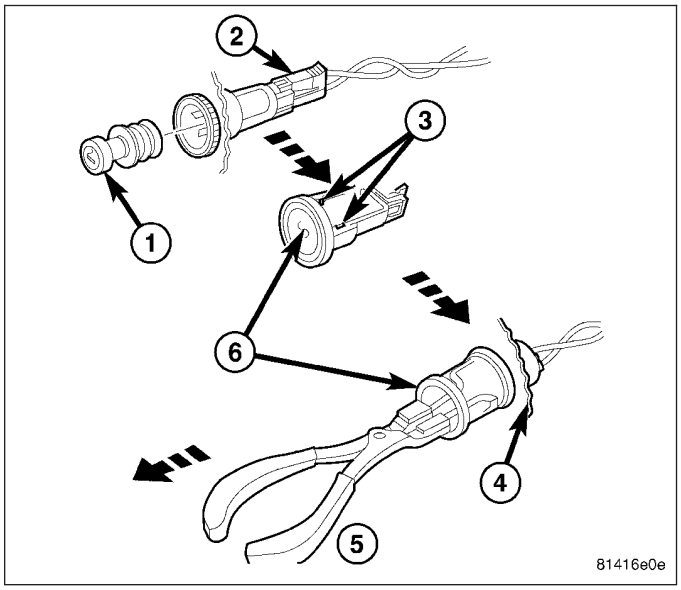
## DIAGNOSIS AND TESTING

## CIGAR LIGHTER OUTLET

**For complete circuit diagrams, refer to the appropriate wiring information.** The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

1. Check the fused B(+) fuse in the Integrated Power Module (IPM). If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the inoperative fuse.
2. Turn the ignition switch to the Run position. Check for battery voltage at the fused B(+) fuse in the IPM. If OK, go to Step 3. If not OK, repair the open or short as required.
3. Remove the cigar lighter knob and element from the cigar lighter outlet shell. Check for continuity between the inside circumference of the cigar lighter outlet shell and a good ground. there should be continuity. If OK, go to Step 4. If not OK, go to Step 5.
4. Turn the ignition switch to the Run position. Check for battery voltage at the insulated contact located at the back of the cigar lighter outlet shell. If OK, replace the inoperative cigar lighter knob and element. If not OK, go to Step 5.
5. Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.
6. Connect the battery negative cable. Turn the ignition switch to the Accessory or Run positions. Check for battery voltage at the fused B(+) circuit cavity of the cigar lighter wire harness connector. If OK, replace the inoperative cigar lighter outlet. If not OK, repair the open fused B(+) circuit to the IPM fuse as required.

## REMOVAL




1. Disconnect and isolate the battery negative cable.
2. Pull the cigar lighter knob and element (1) out of the cigar lighter receptacle base (6), or unsnap the protective cap from the power outlet receptacle base (6).
3. Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses (3) of the mount that secures the receptacle base to the panel (4).
4. Insert a pair of external snap ring pliers (5) into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.
5. Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.
6. Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector (2).
7. Disconnect the instrument panel wire harness connector (2) from the cigar lighter or power outlet receptacle base (6).
8. Remove the cigar lighter or power outlet mount from the instrument panel.

## INSTALLATION

1. Connect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.
2. Install the cigar lighter or power outlet mount into the instrument panel.
3. Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.
4. Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.
5. Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.
6. Connect the battery negative cable.

# POWER OUTLET-CONSOLE

## DESCRIPTION

Two power outlets are utilized on this model. One in the instrument panel center lower bezel and the other in the center console. The power outlet bases are secured by a snap fit within the instrument panel or trim panel. A plastic protective cap snaps into the power outlet base when the power outlet is not being used, and hangs from the power outlet base mount by an integral bail strap while the power outlet is in use.

The power outlet receptacle unit and the accessory power outlet protective cap are available for service. The power outlet receptacle cannot be repaired and, if faulty or damaged, it must be replaced.

## OPERATION

The power outlet base or receptacle shell is connected to ground, and an insulated contact in the bottom of the shell is connected to battery current. The power outlet receives battery voltage from a fuse in the integrated power module at all times.

While the power outlet is very similar to a cigar lighter base unit, it does not include the two small spring-clip retainers inside the bottom of the receptacle shell that are used to secure the cigar lighter heating element to the insulated contact.

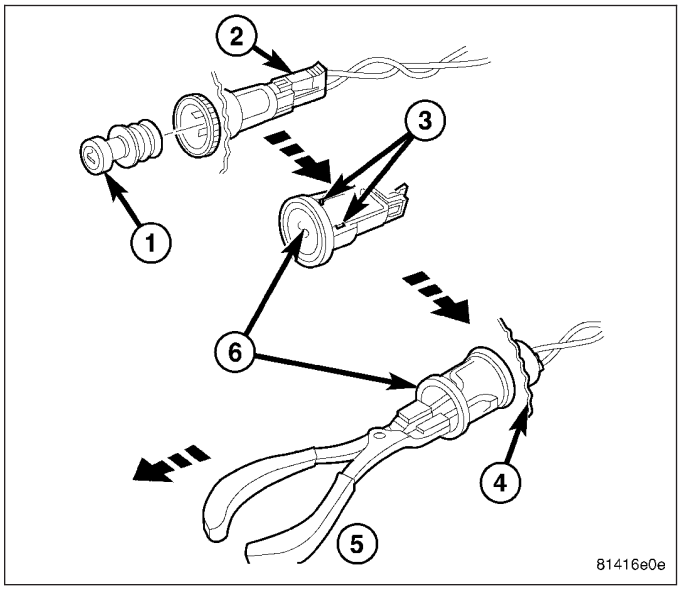
## DIAGNOSIS AND TESTING

## POWER OUTLET

**For complete circuit diagrams, refer to the appropriate wiring information.** The wiring information includes wiring diagrams, proper wire and connector repair procedures, details of wire harness routing and retention, connector pin-out information and location views for the various wire harness connectors, splices and grounds.

1. Check the fused B(+) fuse in the Integrated Power Module (IPM). If OK, go to Step 2. If not OK, repair the shorted circuit or component as required and replace the inoperative fuse.
2. Turn the ignition switch to the Run position. Check for battery voltage at the fused B(+) fuse in the IPM. If OK, go to Step 3. If not OK, repair the open or short as required.
3. Remove the cigar lighter knob and element from the cigar lighter outlet shell. Check for continuity between the inside circumference of the cigar lighter outlet shell and a good ground. there should be continuity. If OK, go to Step 4. If not OK, go to Step 5.
4. Turn the ignition switch to the Run position. Check for battery voltage at the insulated contact located at the back of the cigar lighter outlet shell. If OK, replace the inoperative cigar lighter knob and element. If not OK, go to Step 5.
5. Turn the ignition switch to the Off position. Disconnect and isolate the battery negative cable. Check for continuity between the ground circuit cavity of the cigar lighter wire harness connector and a good ground. There should be continuity. If OK, go to Step 6. If not OK, repair the open ground circuit to ground as required.
6. Connect the battery negative cable. Turn the ignition switch to the Accessory or Run positions. Check for battery voltage at the fused B(+) circuit cavity of the cigar lighter wire harness connector. If OK, replace the inoperative cigar lighter outlet. If not OK, repair the open fused B(+) circuit to the IPM fuse as required.

## REMOVAL




1. Disconnect and isolate the battery negative cable.
2. Pull the cigar lighter knob and element (1) out of the cigar lighter receptacle base (6), or unsnap the protective cap from the power outlet receptacle base (6).
3. Look inside the cigar lighter or power outlet receptacle base and note the position of the rectangular retaining bosses (3) of the mount that secures the receptacle base to the panel (4).
4. Insert a pair of external snap ring pliers (5) into the cigar lighter or power outlet receptacle base and engage the tips of the pliers with the retaining bosses of the mount.
5. Squeeze the pliers to disengage the mount retaining bosses from the receptacle base and, using a gentle rocking motion, pull the pliers and the receptacle base out of the mount.
6. Pull the receptacle base away from the instrument panel far enough to access the instrument panel wire harness connector (2).
7. Disconnect the instrument panel wire harness connector (2) from the cigar lighter or power outlet receptacle base (6).
8. Remove the cigar lighter or power outlet mount from the instrument panel.

## INSTALLATION

1. Connect the instrument panel wire harness connector to the cigar lighter or power outlet receptacle base connector receptacle.
2. Install the cigar lighter or power outlet mount into the instrument panel.
3. Align the splines on the outside of the cigar lighter or power outlet receptacle base connector receptacle with the grooves on the inside of the mount.
4. Press firmly on the cigar lighter or power outlet receptacle base until the retaining bosses of the mount are fully engaged in their receptacles.
5. Install the cigar lighter knob and element into the cigar lighter receptacle base, or the protective cap into the power outlet receptacle base.
6. Connect the battery negative cable.