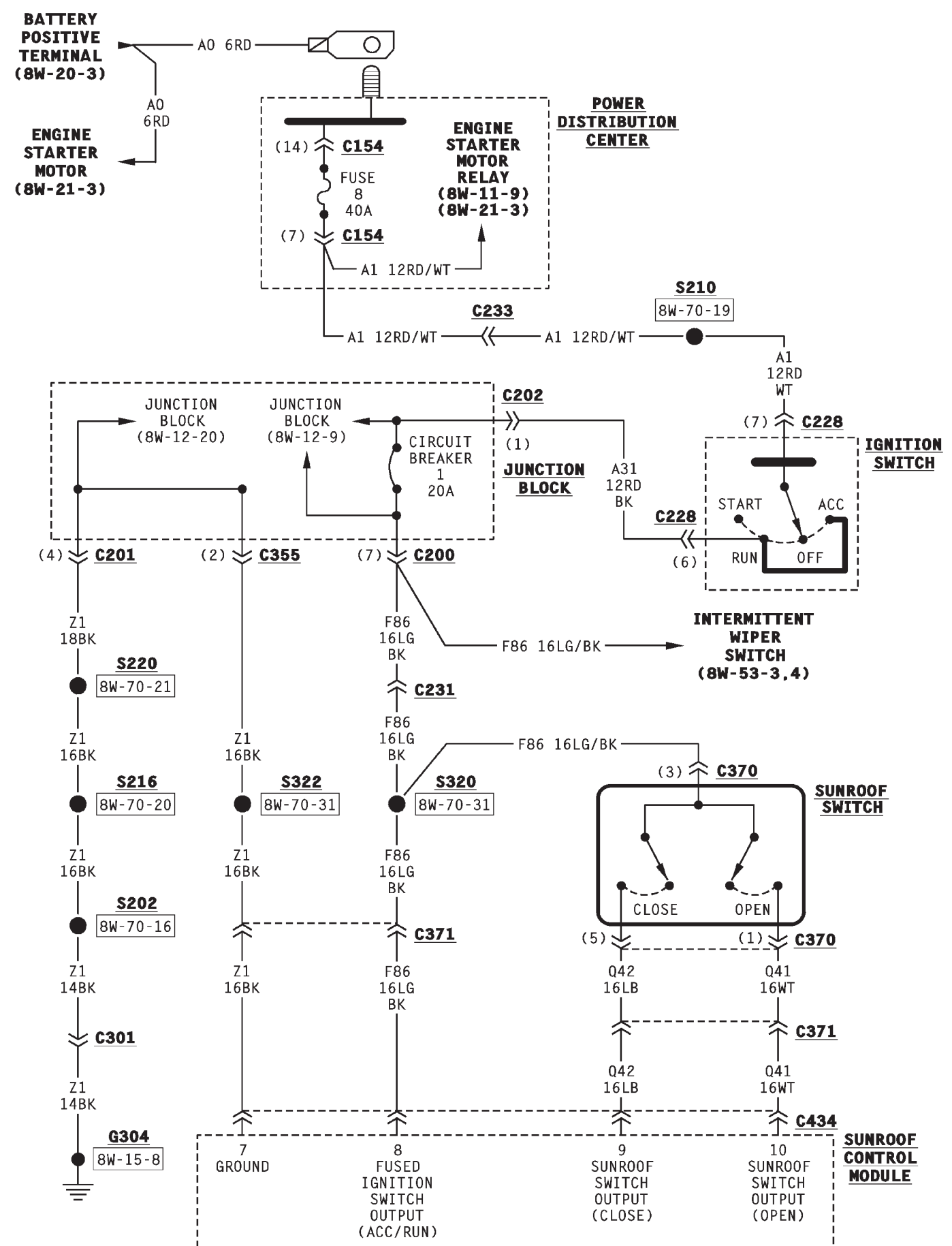
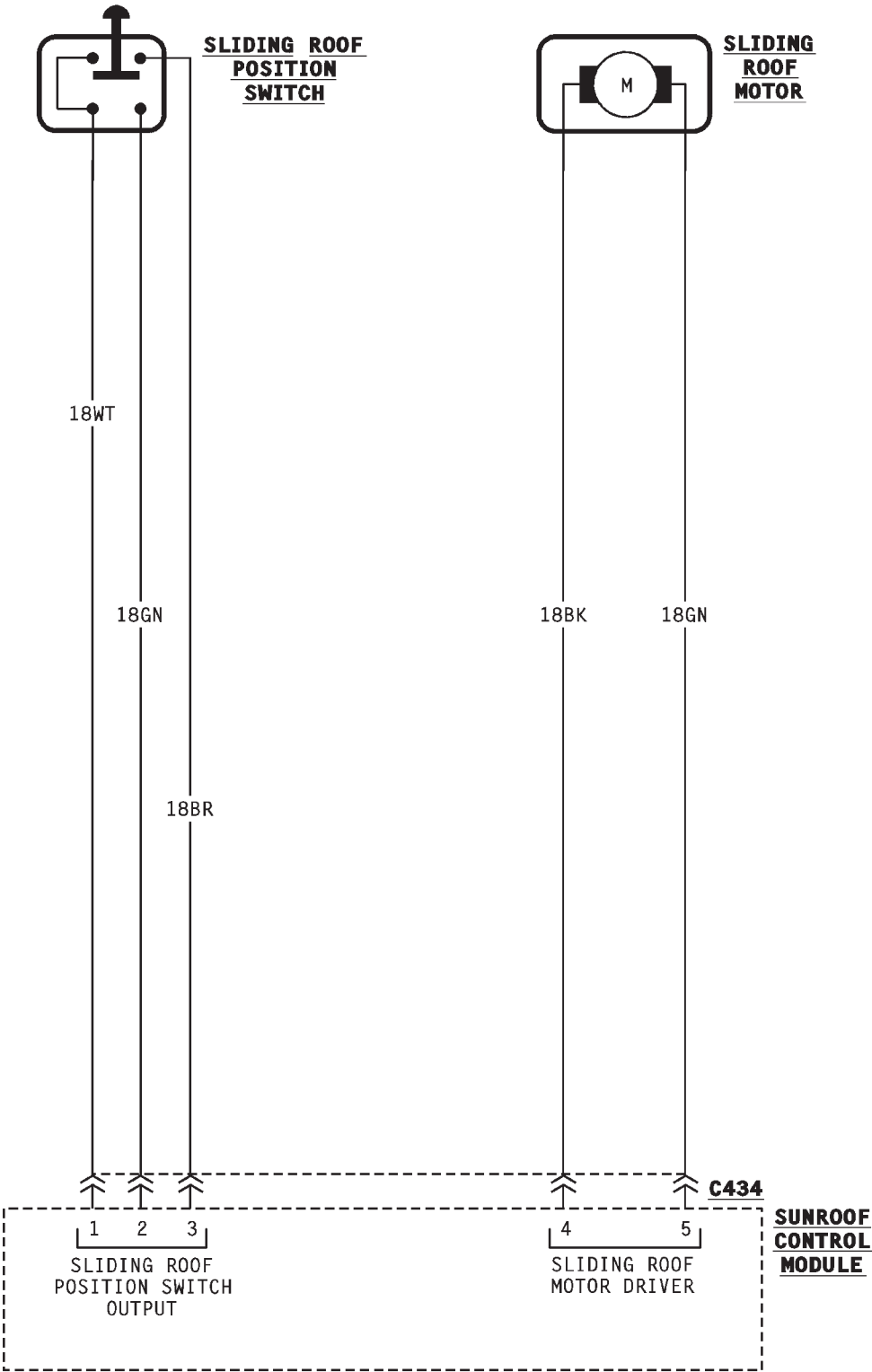


DIAGRAM INDEX

Component	Page	Component	Page
Circuit Breaker 1	8W-64-3	Sliding Roof Position Switch	8W-64-4
Fuse 8 (PDC)	8W-64-3	Sunroof Control Module	8W-64-3, 4
Ignition Switch	8W-64-3	Sunroof Switch	8W-64-3
Sliding Roof Motor	8W-64-4		





8W-65 SPEED PROPORTIONAL STEERING

INDEX

	page		page
DESCRIPTION AND OPERATION		SPEED PROPORTIONAL STEERING	
DATA LINK CONNECTOR	1	SOLENOID	1
INTRODUCTION	1	SCHEMATICS AND DIAGRAMS	
SPEED PROPORTIONAL STEERING CONTROL		WIRING DIAGRAM INDEX	1
MODULE	1		

DESCRIPTION AND OPERATION

INTRODUCTION

The speed proportioning steering system automatically adjusts steering effort based on vehicle speed. The system provides additional steering assist while the vehicle is stationary or at low driving speeds. At slower speeds, the system provides greater assist. At higher speeds, it provides less assist resulting in increased steering effort.

In the RUN position, the ignition switch connects circuit A1 from fuse 8 in the Power Distribution Center (PDC) to circuit A22. Circuit A22 powers circuit F83 through fuse 6 in the junction block. Circuit F83 supplies power to the Speed Proportional Steering Control Module (SPSCM). Circuit Z2 provides ground for the SPSCM.

SPEED PROPORTIONAL STEERING CONTROL
MODULE

Circuit F83 powers the Speed Proportional Steering Control Module (SPSCM). Circuit Z2 provides ground for the SPSCM.

On circuit S1, the SPSCM supplies 5 volts to the steering wheel speed sensor. The sensor provides two signals to the SPSCM on circuits S3, and S4. The SPSCM provides ground for the steering wheel speed sensor on circuit S2.

Circuit G7 supplies the vehicle speed sensor to the SPSCM.

SPEED PROPORTIONAL STEERING SOLENOID

The speed proportional steering control module (SPSCM) operates the speed proportional steering solenoid. The SPSCM supplies a pulse width modulated voltage to the solenoid. Circuits S99 and S98 connect the SPSCM to the solenoid.

DATA LINK CONNECTOR

Circuits D98 and D99 connect the Speed Proportional Steering Control Module (SPSCM) to the data link connector. Circuit D99 connects to circuit D83 which continues to the data link connector. The SPSCM transmits data to the scan tool through the data link connector on circuit D99. The SPSCM receives data from the scan tool on circuit D98.

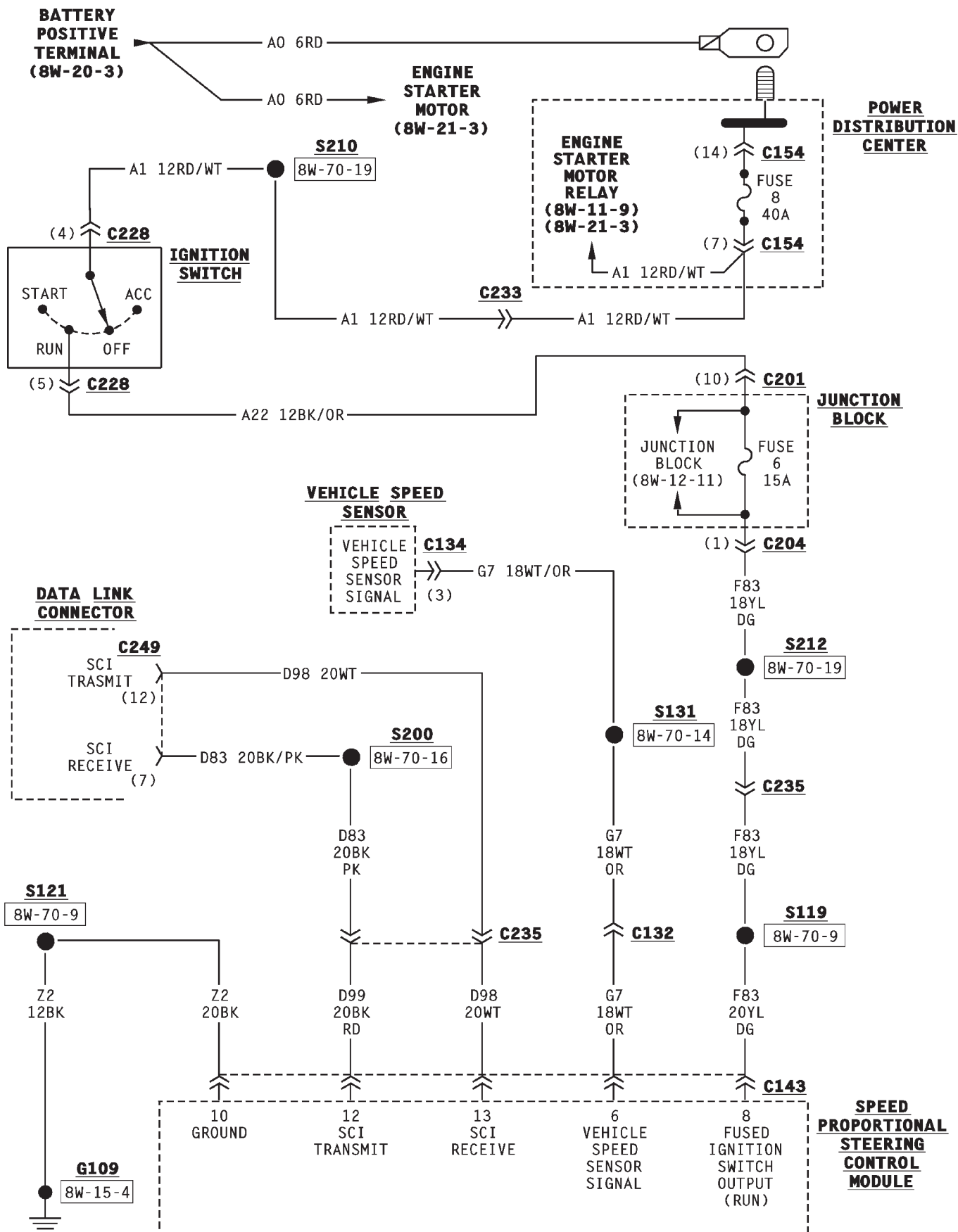
SCHEMATICS AND DIAGRAMS

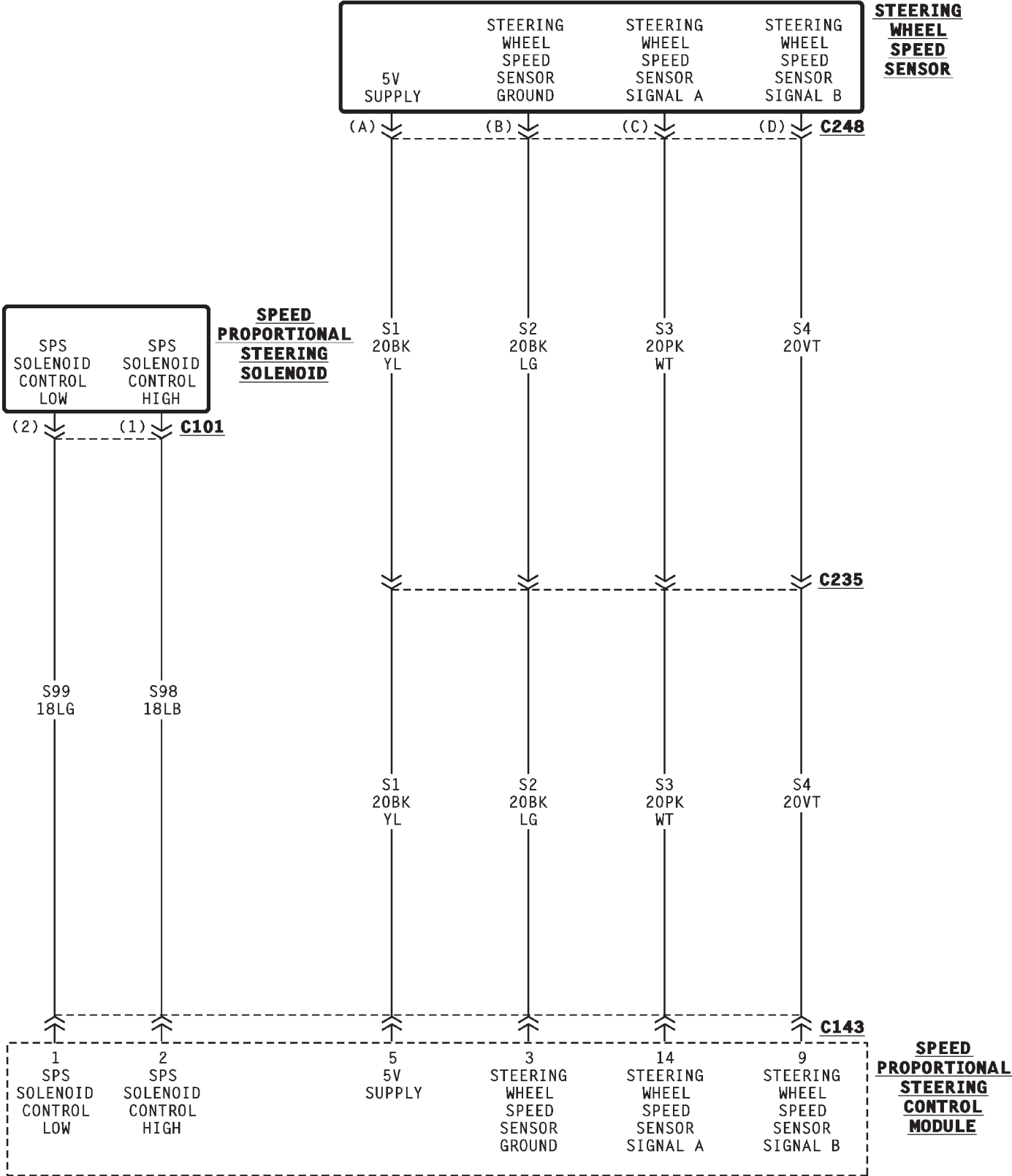
WIRING DIAGRAM INDEX

The following index covers all components found in this section of the wiring diagrams. If the component you are looking for is not found here, refer to section 8W-02 for a complete list of all components shown in the wiring diagrams.

DIAGRAM INDEX

Component	Page	Component	Page
Data Link Connector	8W-65-3	Speed Proportional Steering Control Module	8W-65-3, 4
Fuse 6	8W-65-3	Speed Proportional Steering Solenoid	8W-65-4
Fuse 8 (PDC)	8W-65-3	Steering Wheel Speed Sensor	8W-65-4
Ignition Switch	8W-65-3	Vehicle Speed Sensor	8W-65-3





8W-70 SPLICE INFORMATION

DESCRIPTION AND OPERATION

INTRODUCTION

This section identifies all splices in the wiring diagrams. It also shows the splices in their entirety. All circuits that are part of the splices are shown, and the systems they affect are referenced. For viewing the location of each splice in the vehicle, refer to Section 8W-95.

DIAGRAM INDEX

Component	Page	Component	Page
S100	.8W-70-4	S134	.8W-70-15
S101	.8W-70-4	S135	.8W-70-15
S102	.8W-70-5	S136	.8W-70-15
S103	.8W-70-5	S200	.8W-70-16
S104	.8W-70-5	S201	.8W-70-16
S105	.8W-70-6	S202	.8W-70-16
S106	.8W-70-6	S203	.8W-70-17
S107	.8W-70-6	S204	.8W-70-17
S108	.8W-70-7	S205	.8W-70-18
S109	.8W-70-7	S206	.8W-70-18
S116	.8W-70-8	S207	.8W-70-18
S117	.8W-70-8	S208	.8W-70-18
S118	.8W-70-8	S209	.8W-70-19
S119	.8W-70-9	S210	.8W-70-19
S120	.8W-70-9	S211	.8W-70-19
S121	.8W-70-9	S212	.8W-70-19
S122	.8W-70-10	S214	.8W-70-20
S123	.8W-70-10	S215	.8W-70-20
S124	.8W-70-11	S216	.8W-70-20
S125	.8W-70-11	S218	.8W-70-21
S126	.8W-70-11	S219	.8W-70-21
S127	.8W-70-12	S220	.8W-70-21
S128	.8W-70-12	S221	.8W-70-22
S129	.8W-70-13	S222	.8W-70-22
S130	.8W-70-13	S223	.8W-70-22
S131	.8W-70-14	S224	.8W-70-23
S132	.8W-70-14	S225	.8W-70-23
S133	.8W-70-14	S226	.8W-70-23

1996 Grand Cherokee

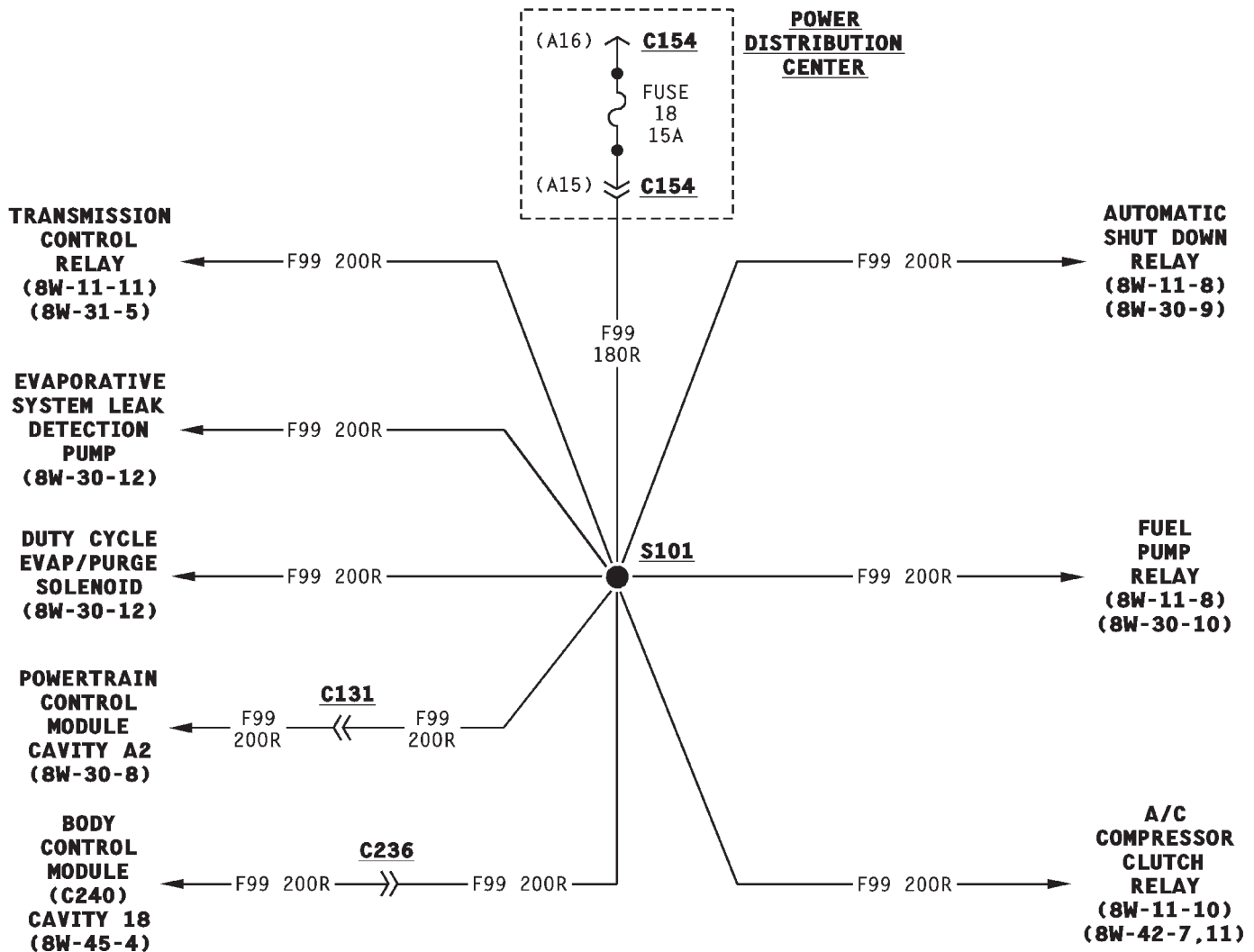
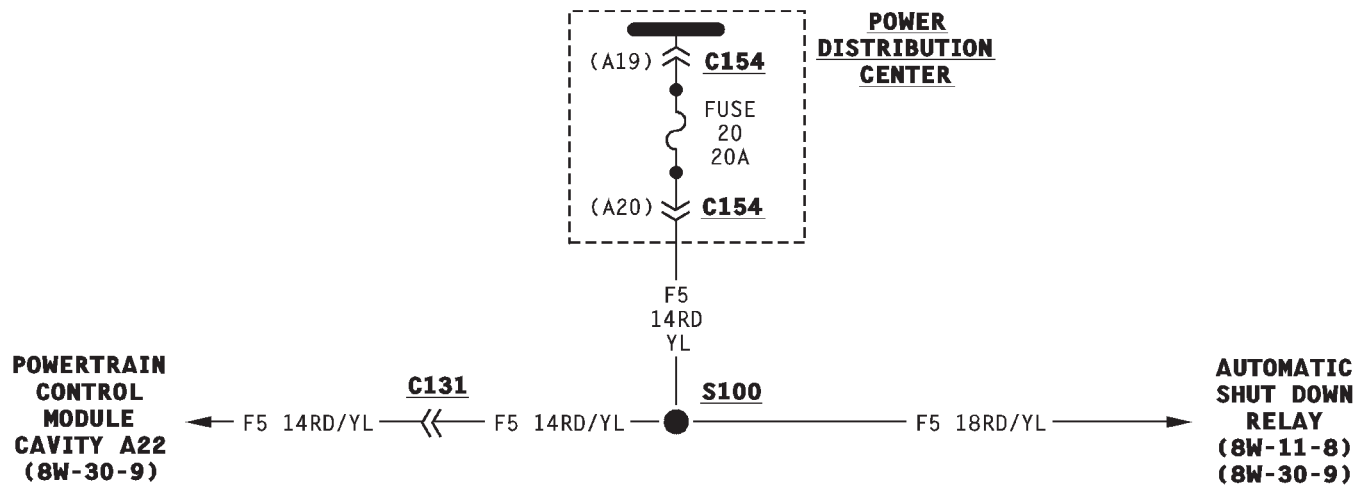
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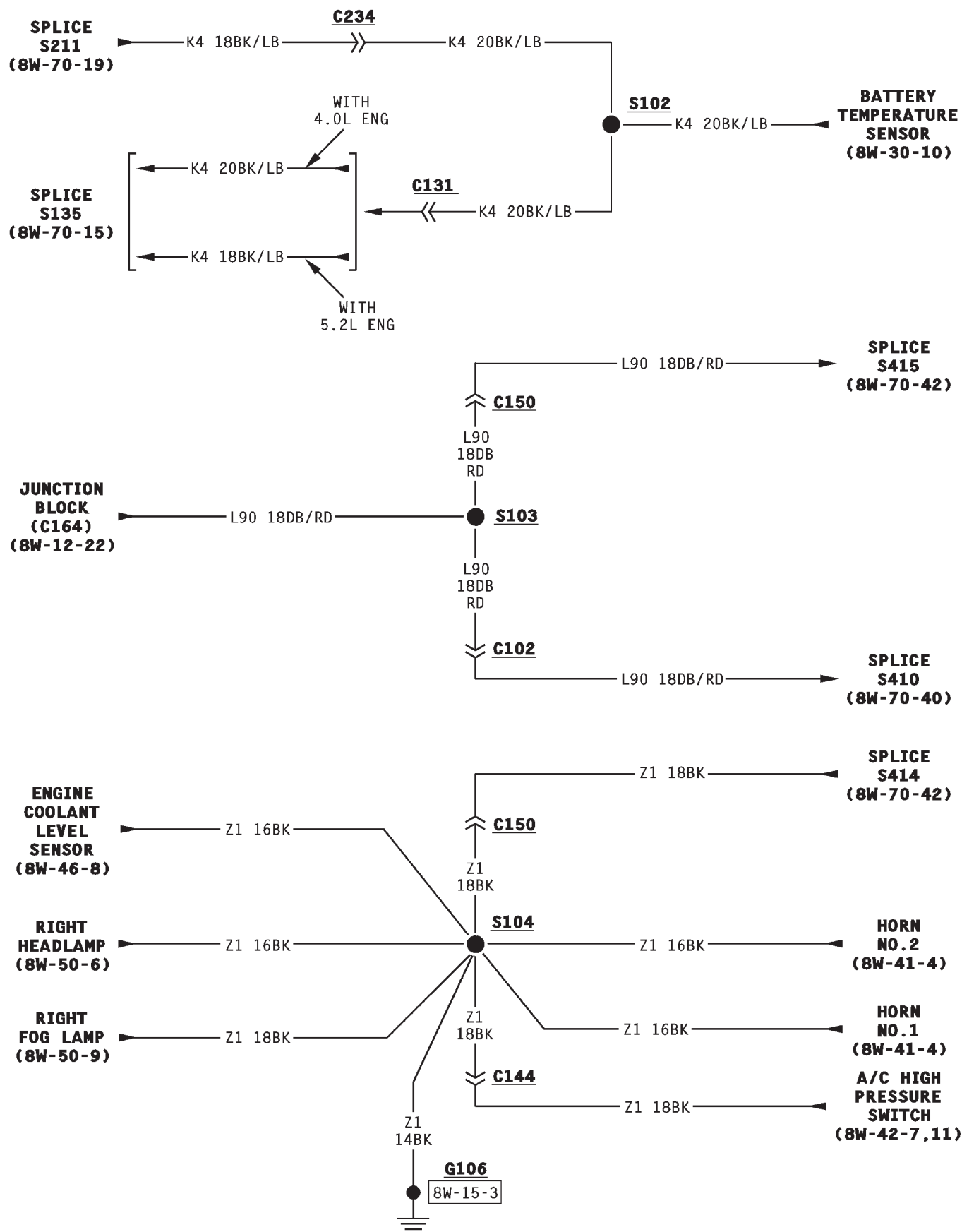
TSB 26-02-96 February, 1996

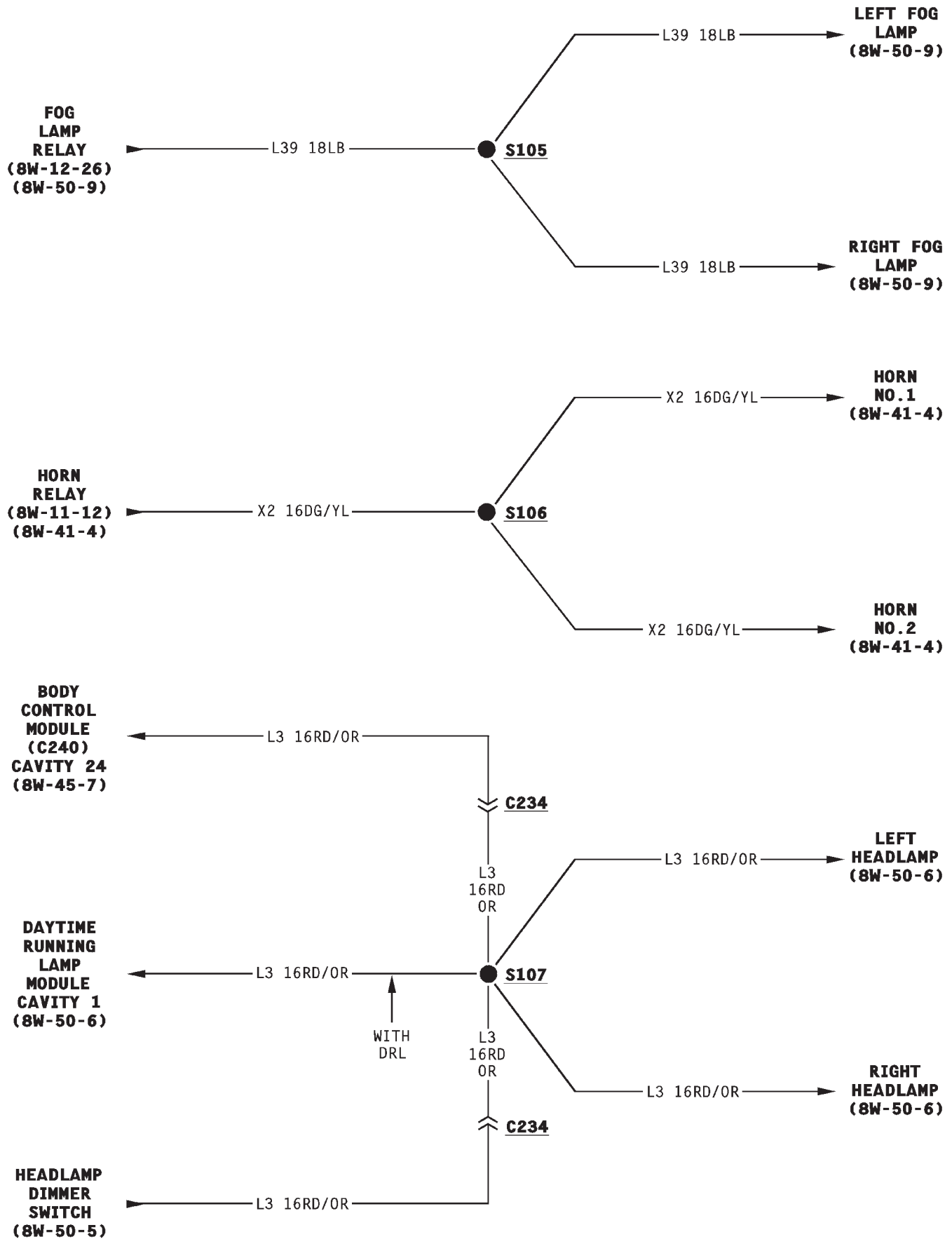
DIAGRAM INDEX

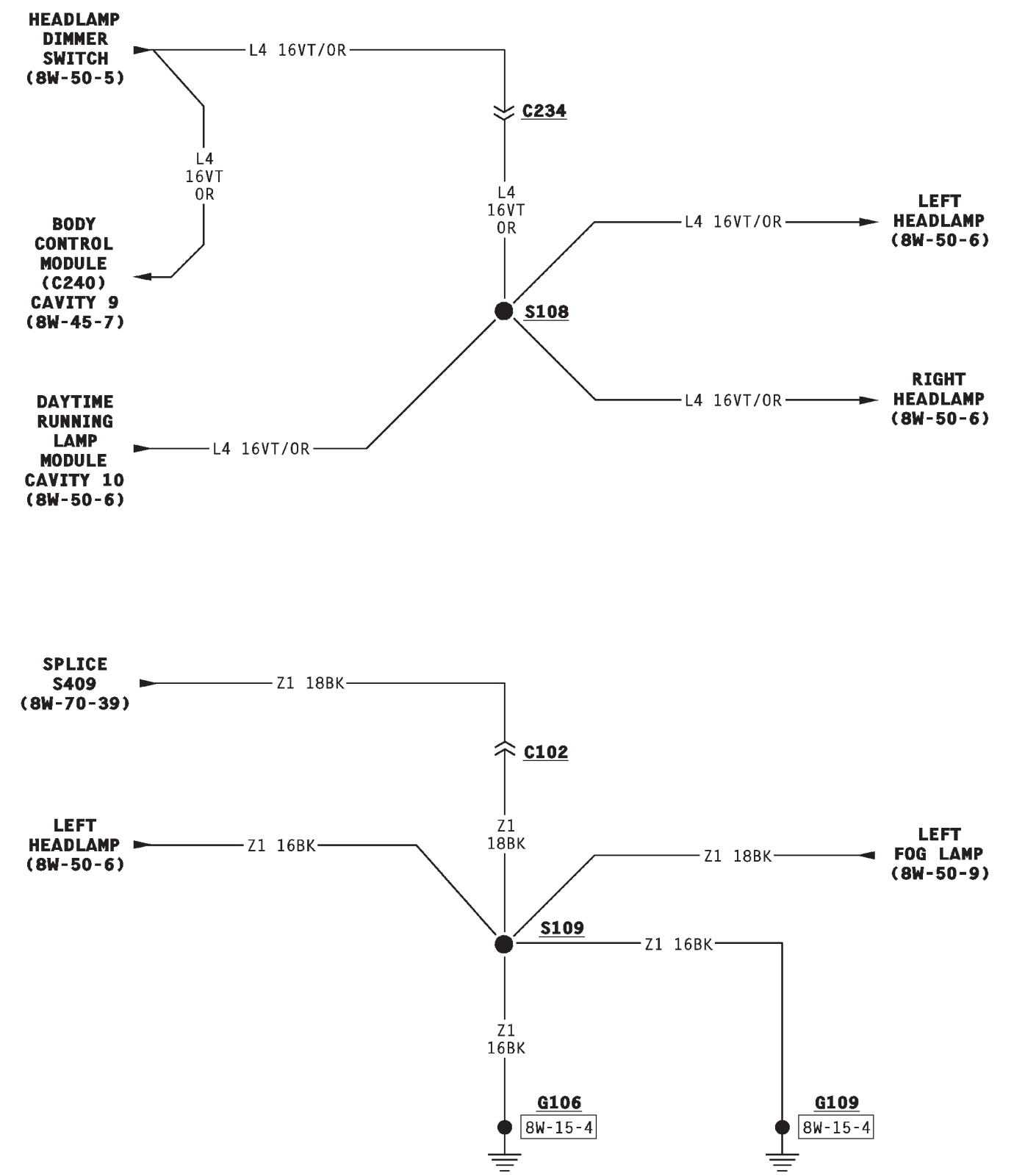
Component	Page
S300	8W-70-24
S301	8W-70-24
S302	8W-70-24
S303	8W-70-24
S304	8W-70-25
S305	8W-70-25
S306	8W-70-25
S307	8W-70-26
S308	8W-70-26
S309	8W-70-26
S310	8W-70-27
S311	8W-70-27
S312	8W-70-28
S313	8W-70-29
S314	8W-70-29
S315	8W-70-29
S316	8W-70-30
S317	8W-70-30
S318	8W-70-30
S319	8W-70-30
S320	8W-70-31
S321	8W-70-31
S322	8W-70-31
S323	8W-70-32
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S325	8W-70-32
S326	8W-70-33
S327	8W-70-33
S328	8W-70-33

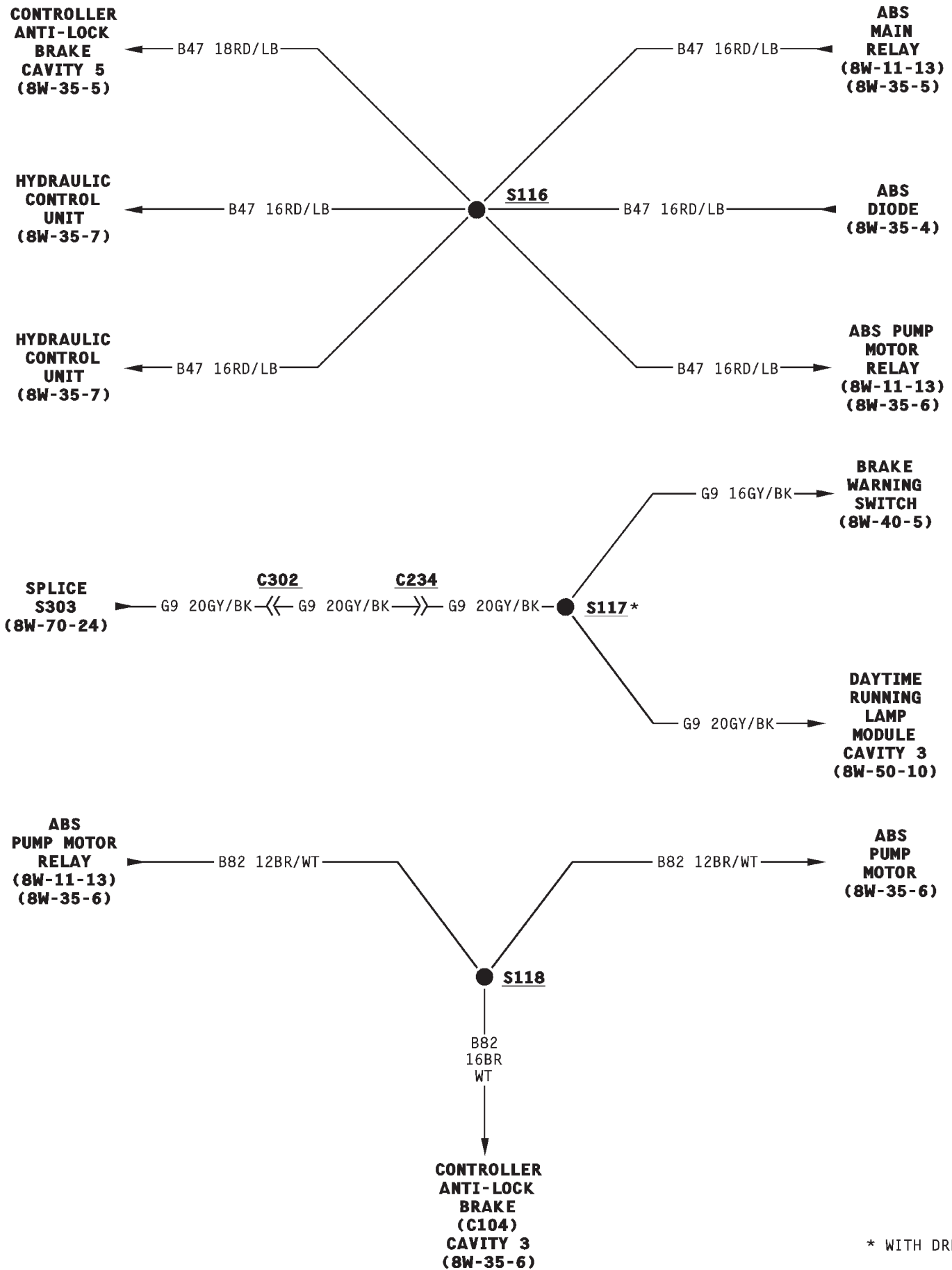
Component	Page
S329	8W-70-34
S330	8W-70-34
S331	8W-70-34
S332	8W-70-35
S333	8W-70-35
S334	8W-70-35
S335	8W-70-35
S336	8W-70-36
S400	8W-70-36
S401	8W-70-36
S402	8W-70-37
S403	8W-70-37
S404	8W-70-38
S405	8W-70-38
S406	8W-70-38
S407	8W-70-39
S408	8W-70-39
S409	8W-70-39
S410	8W-70-40
S411	8W-70-40
S412	8W-70-41
S413	8W-70-42
S414	8W-70-42
S415	8W-70-42
S416	8W-70-41
S417	8W-70-43
S418	8W-70-41
S419	8W-70-43
* S420	8W-70-43

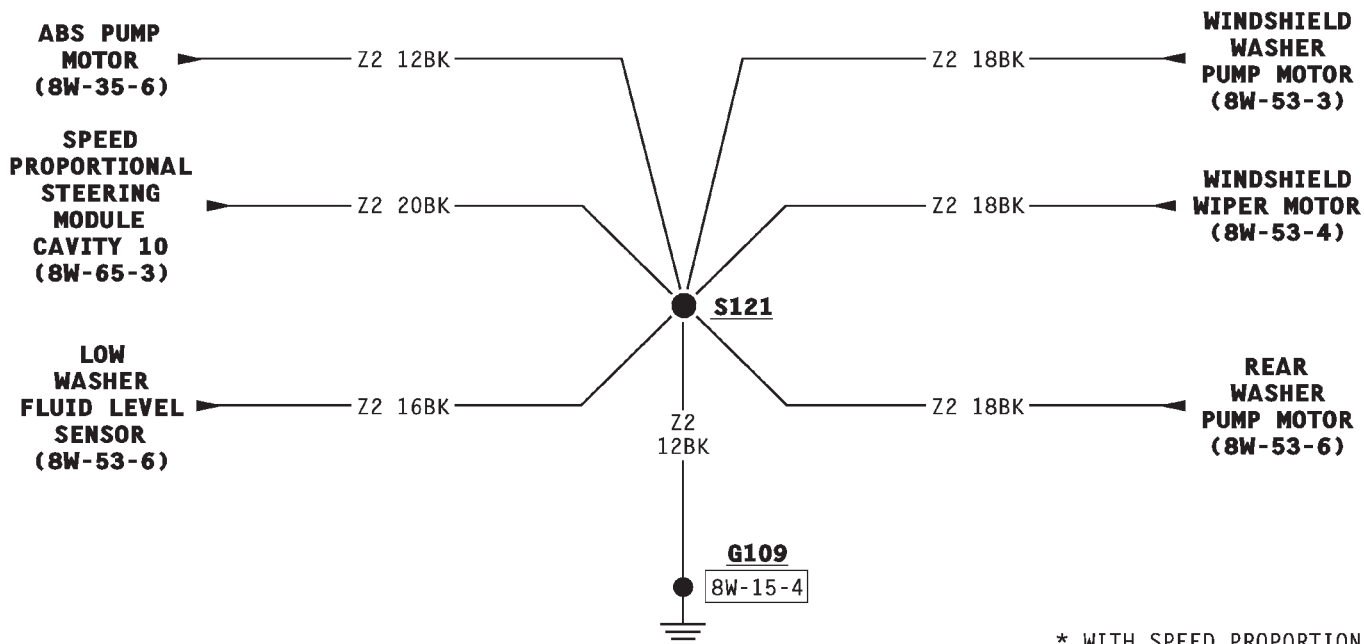
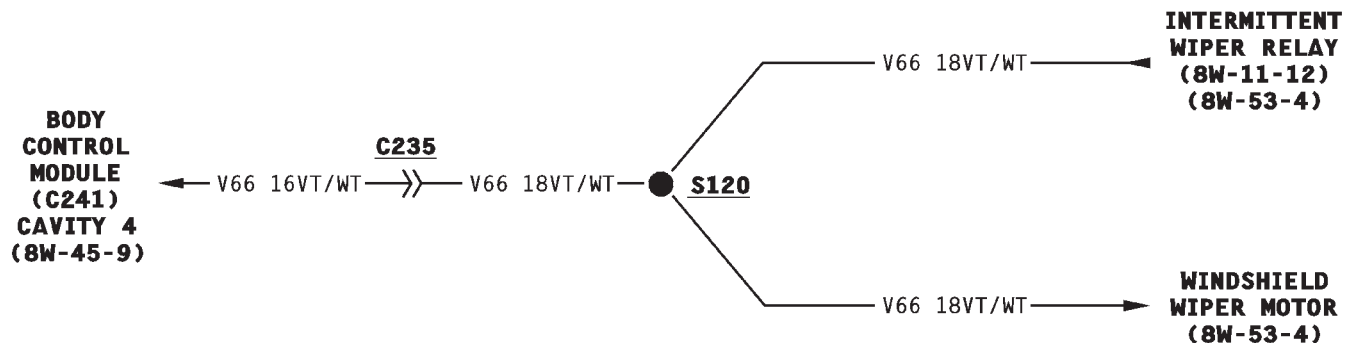
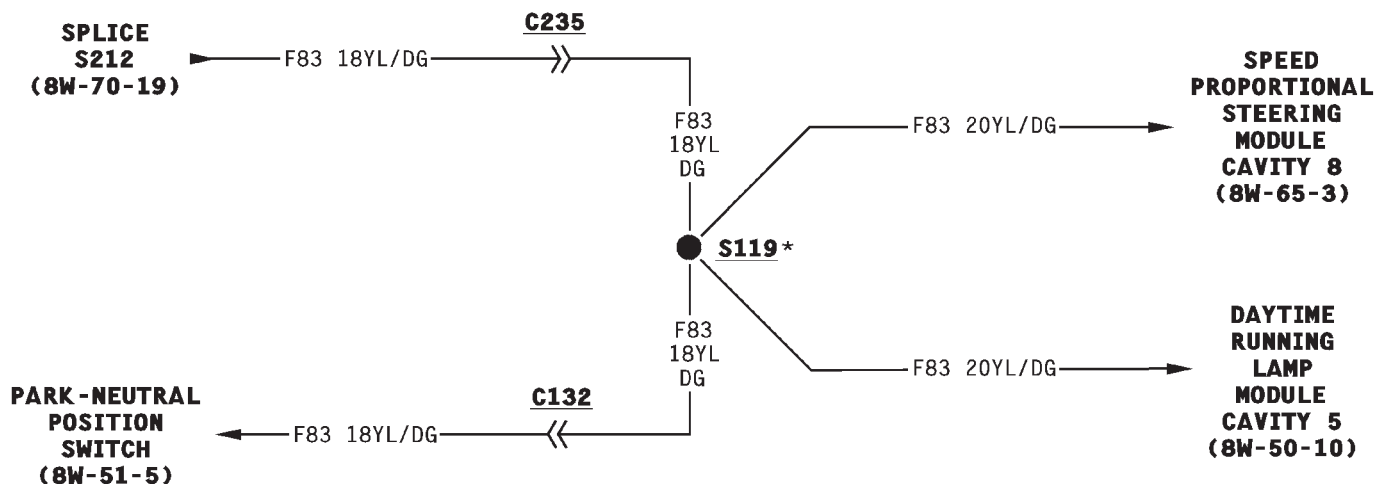




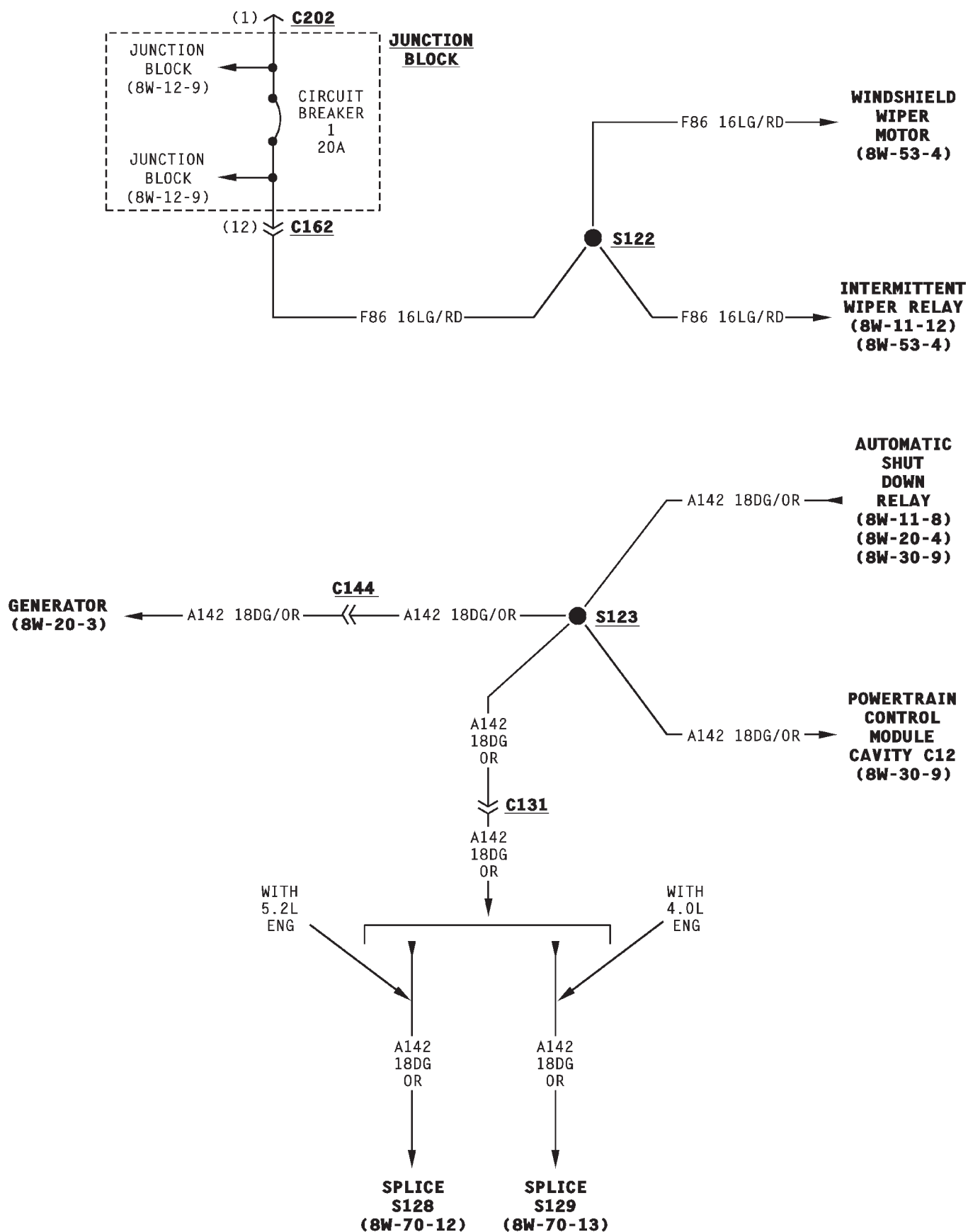


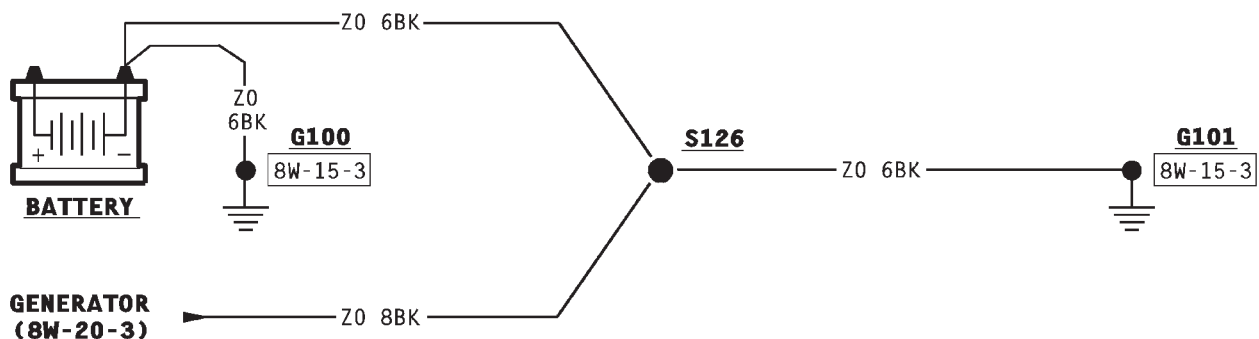
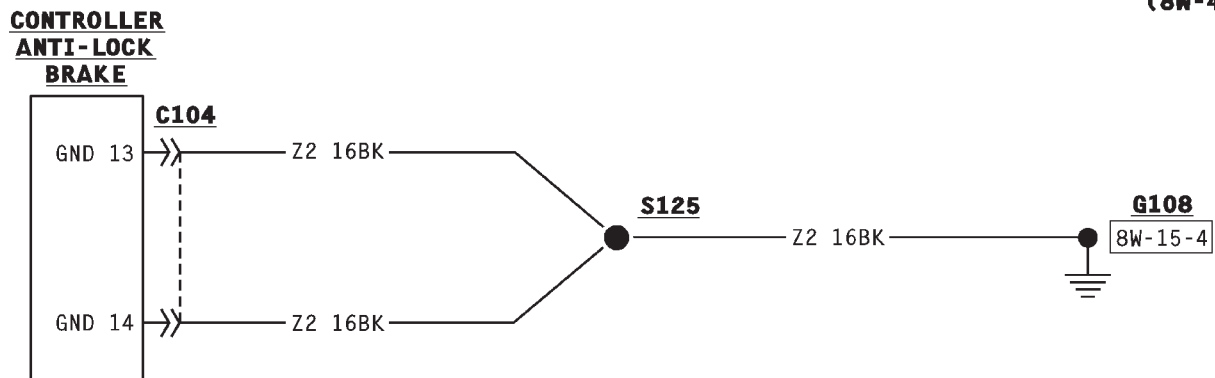
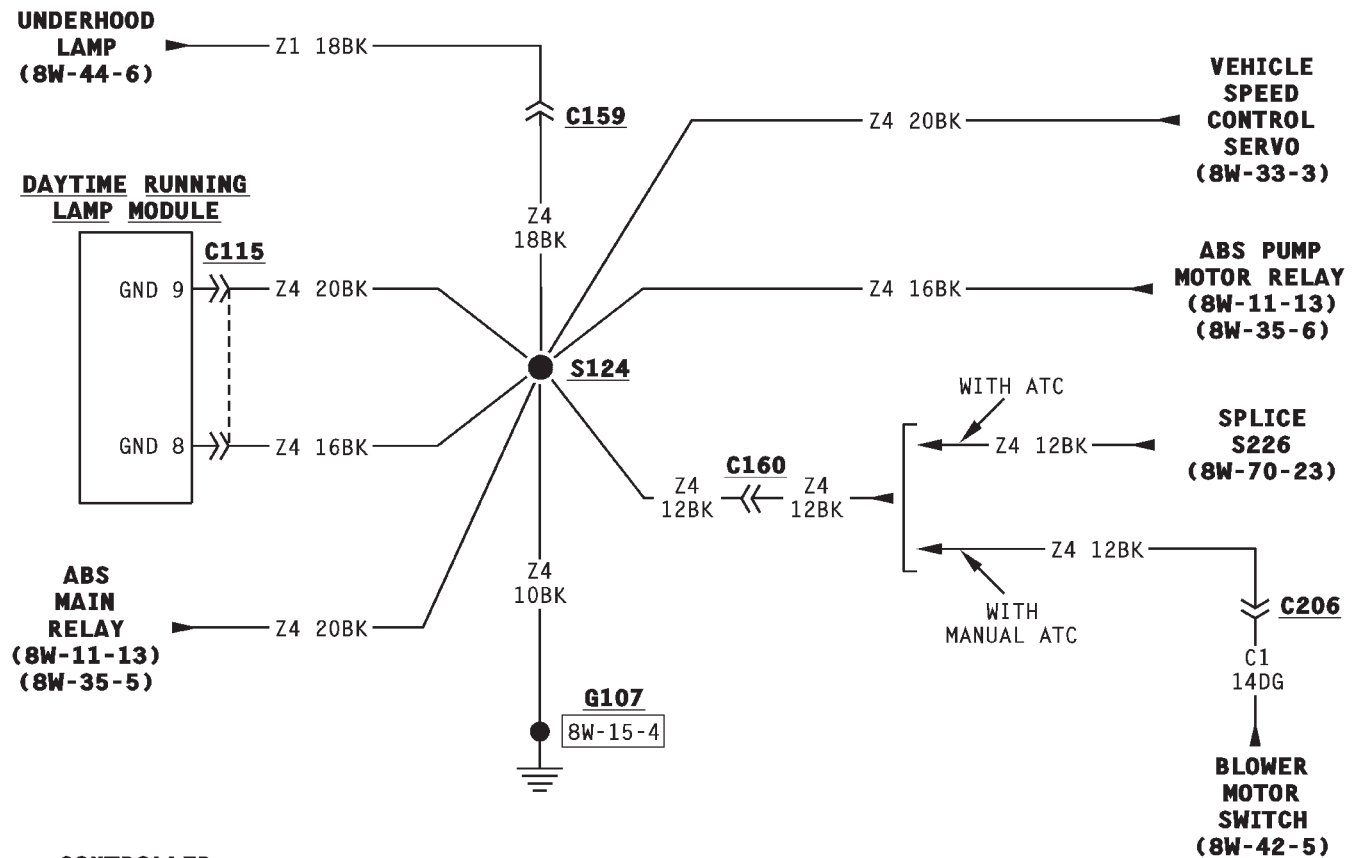


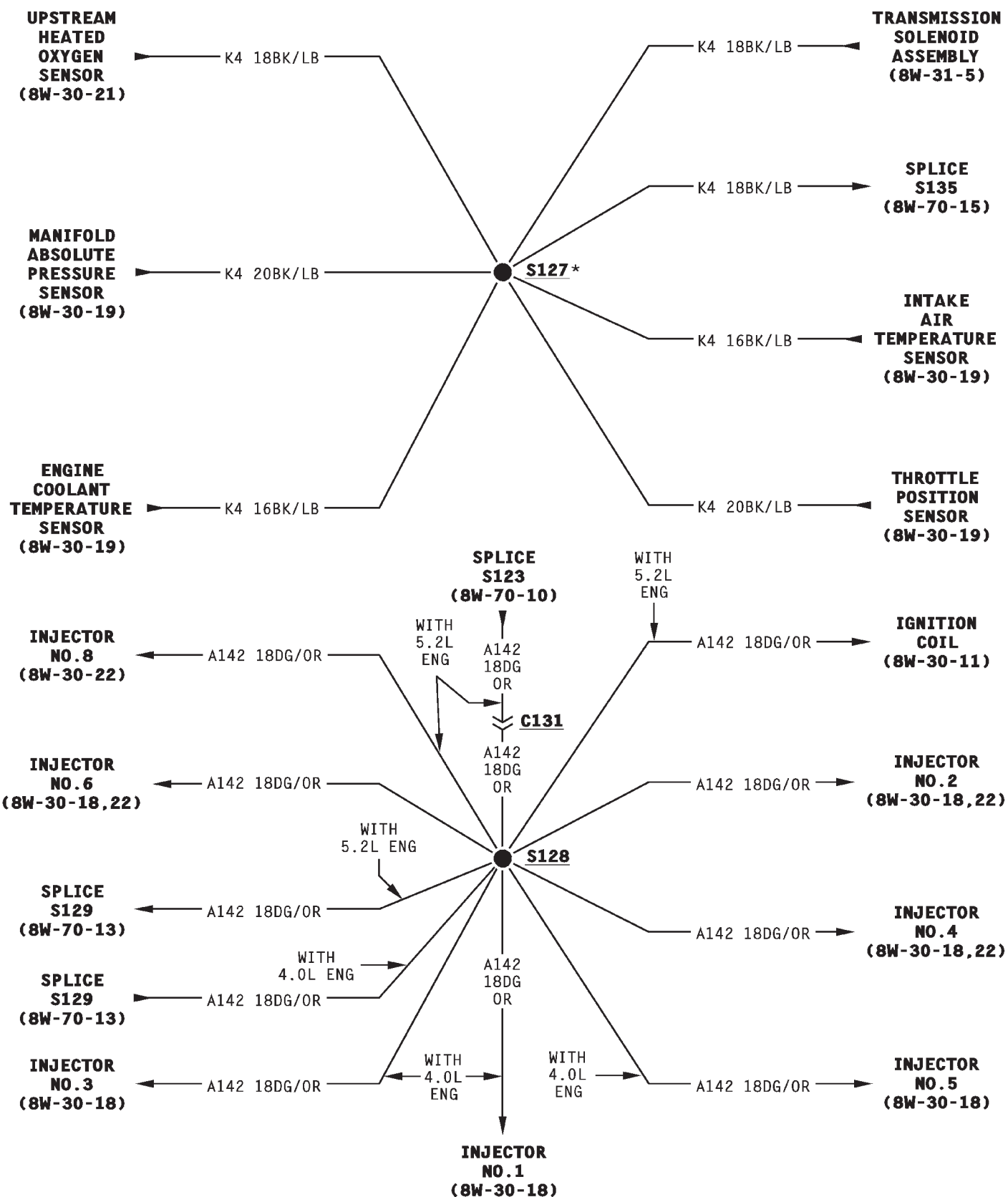




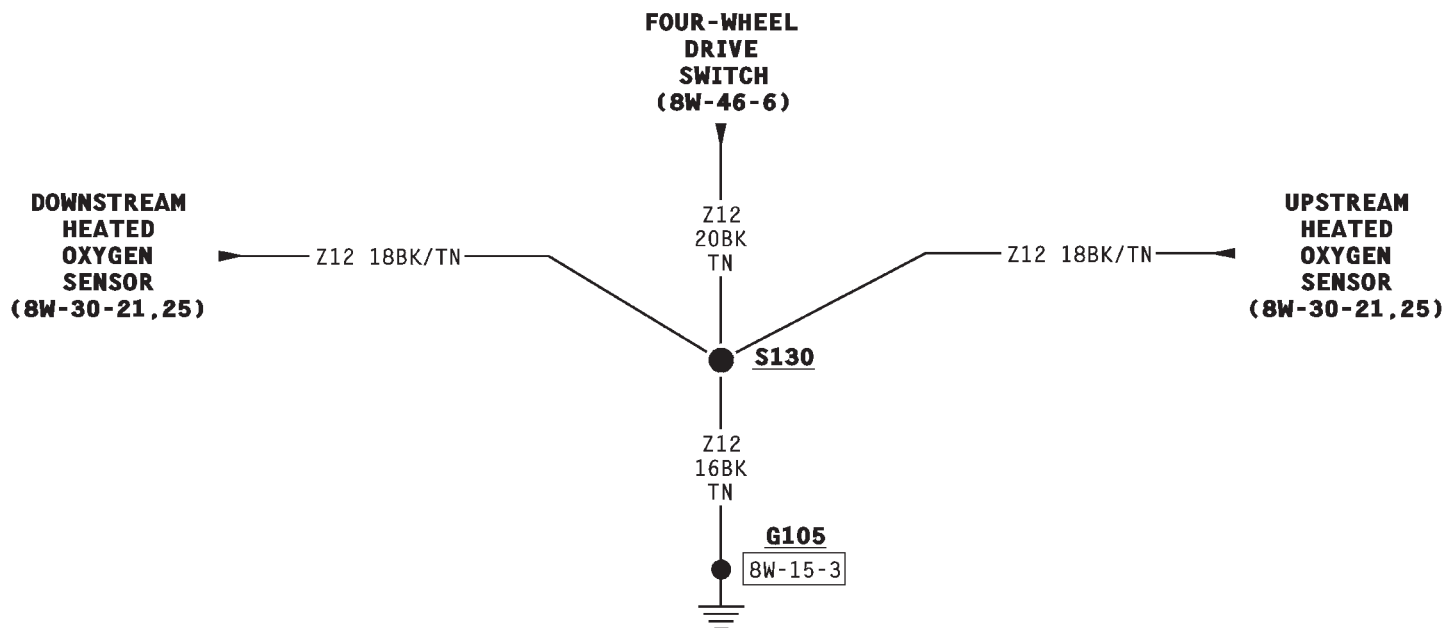
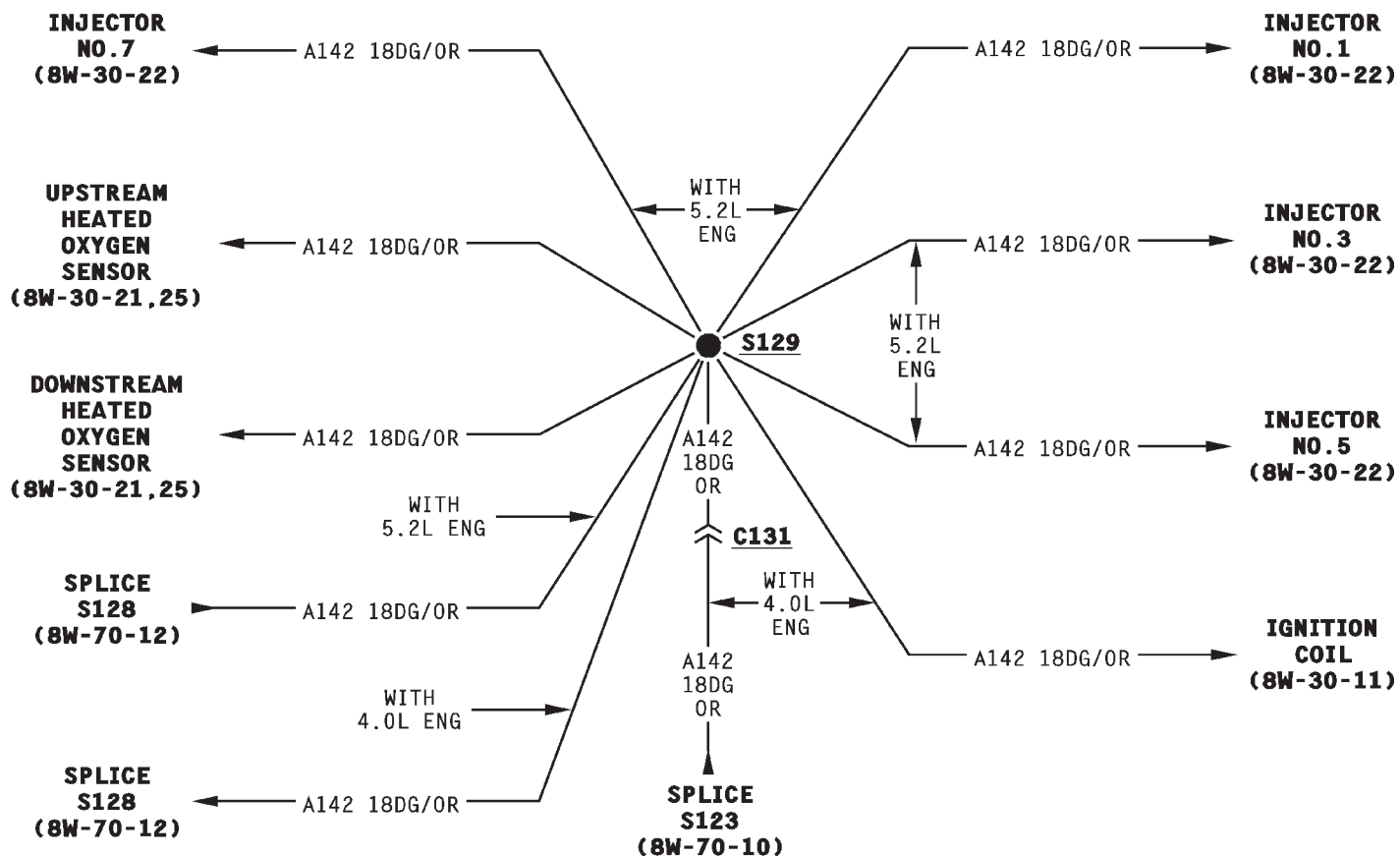
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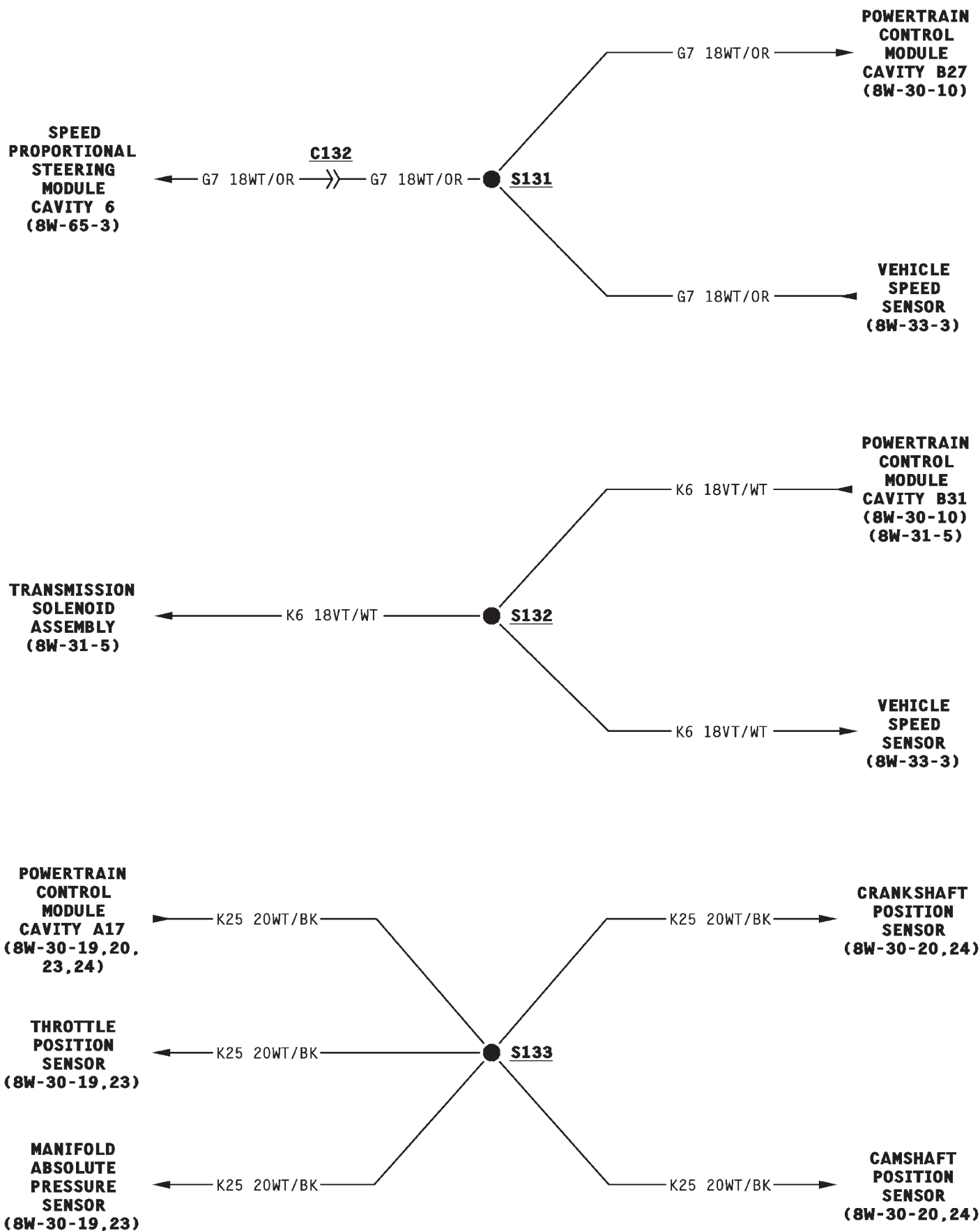


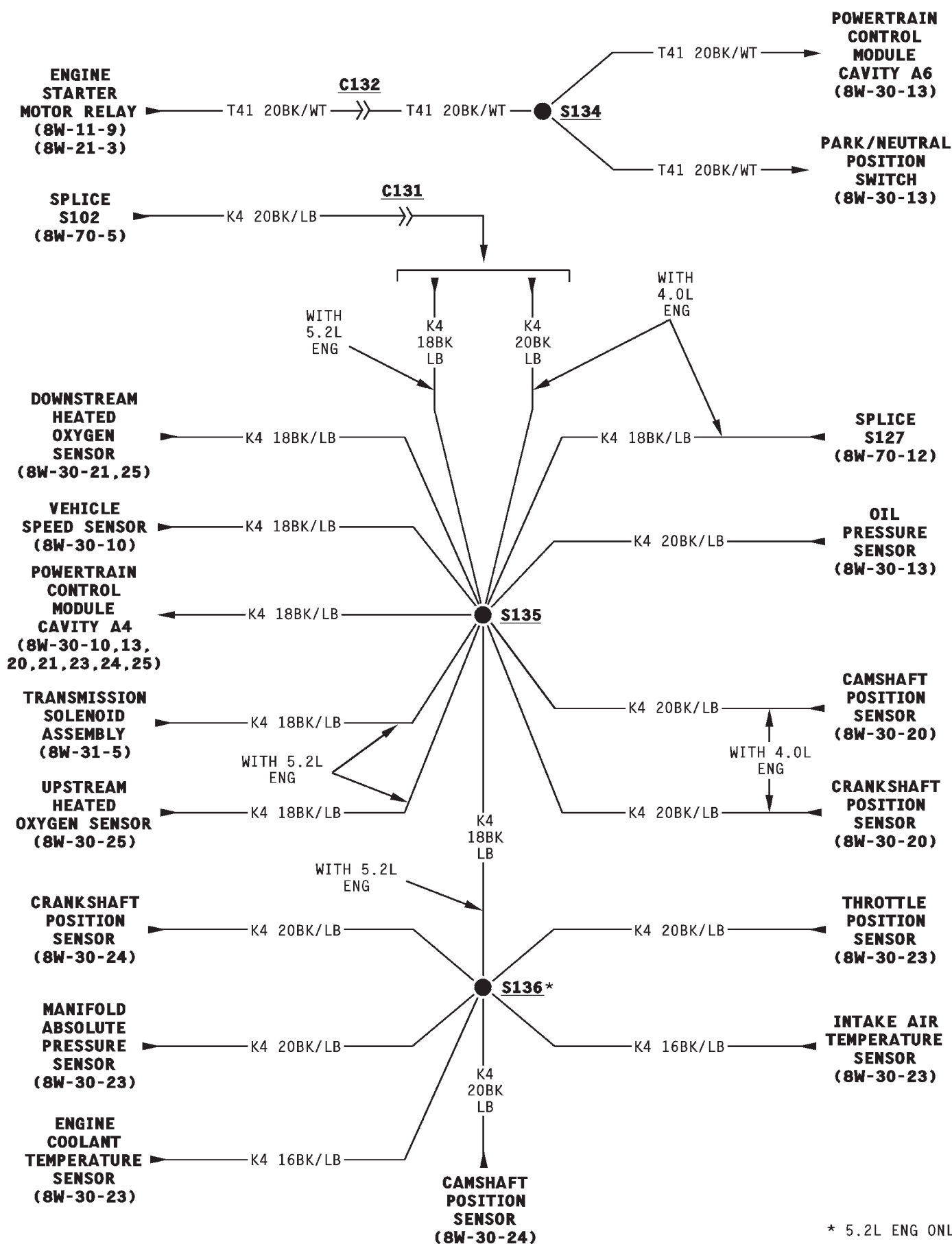


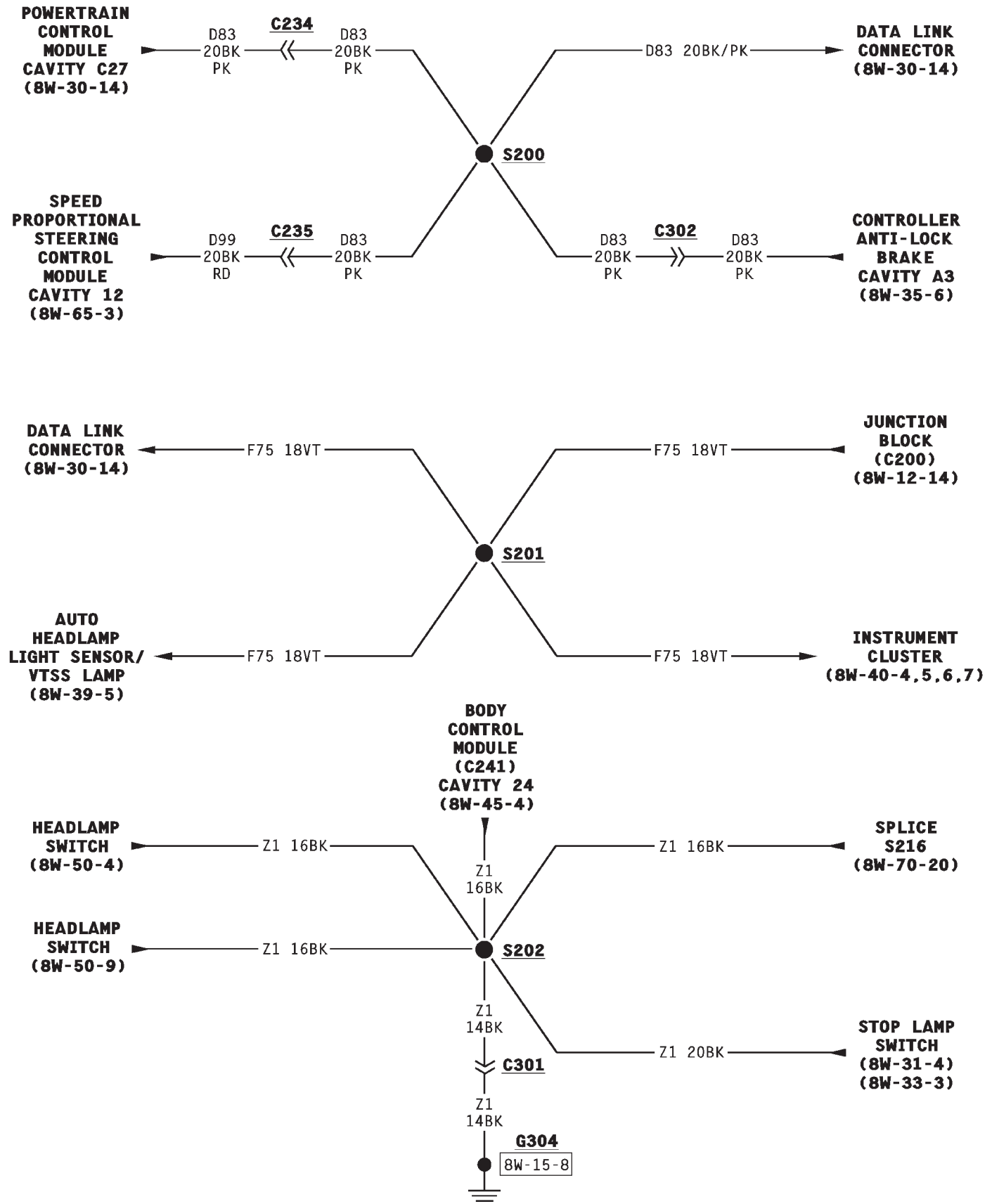


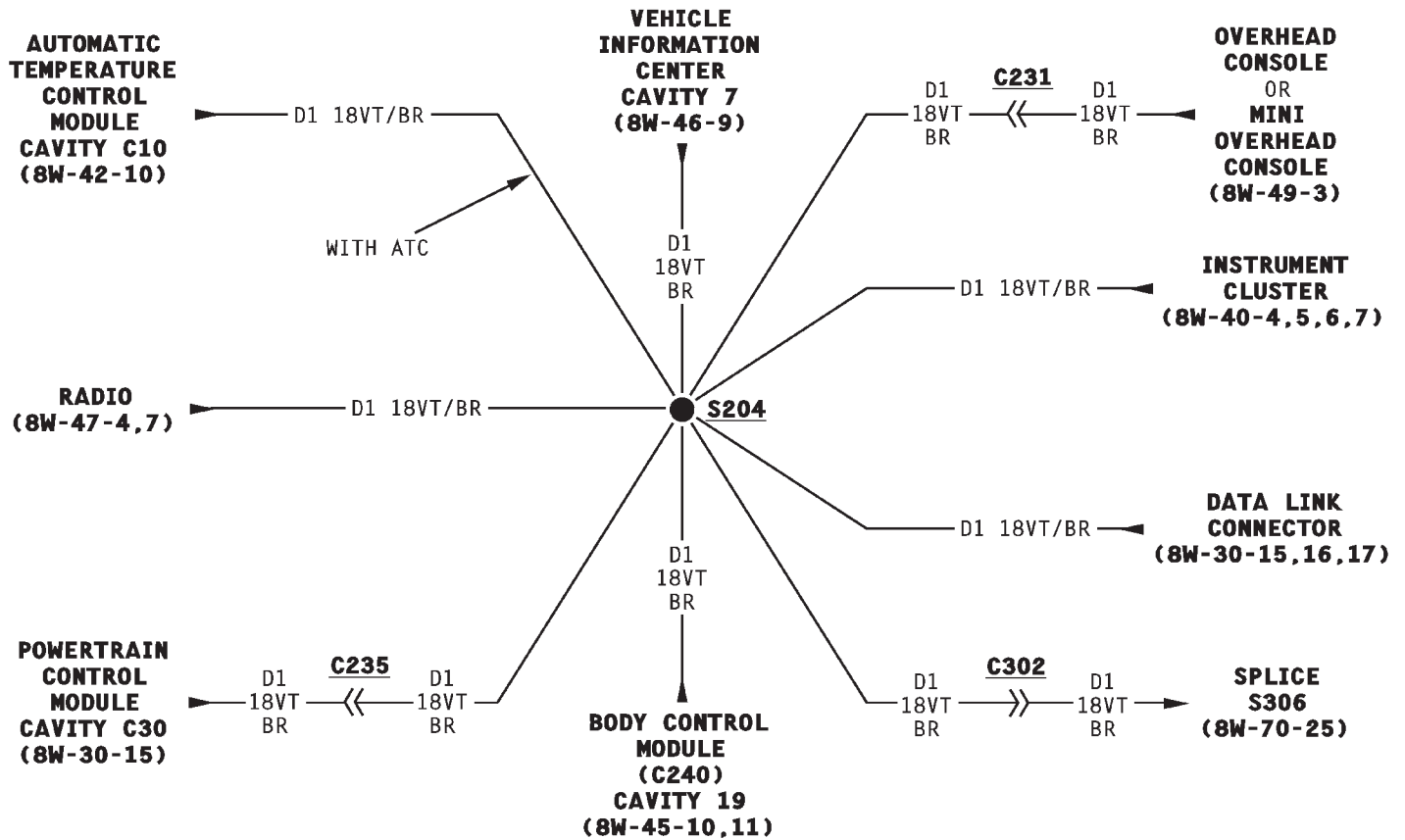
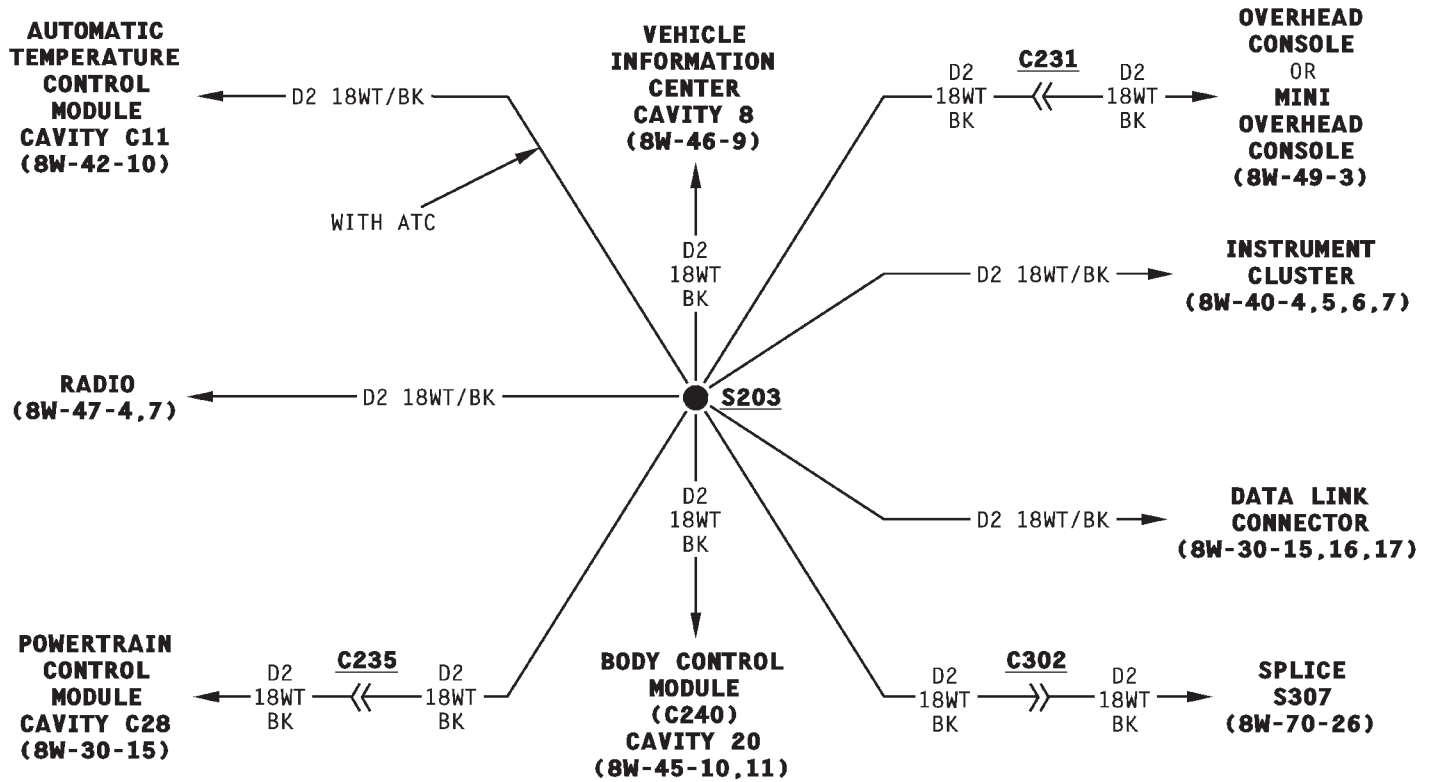
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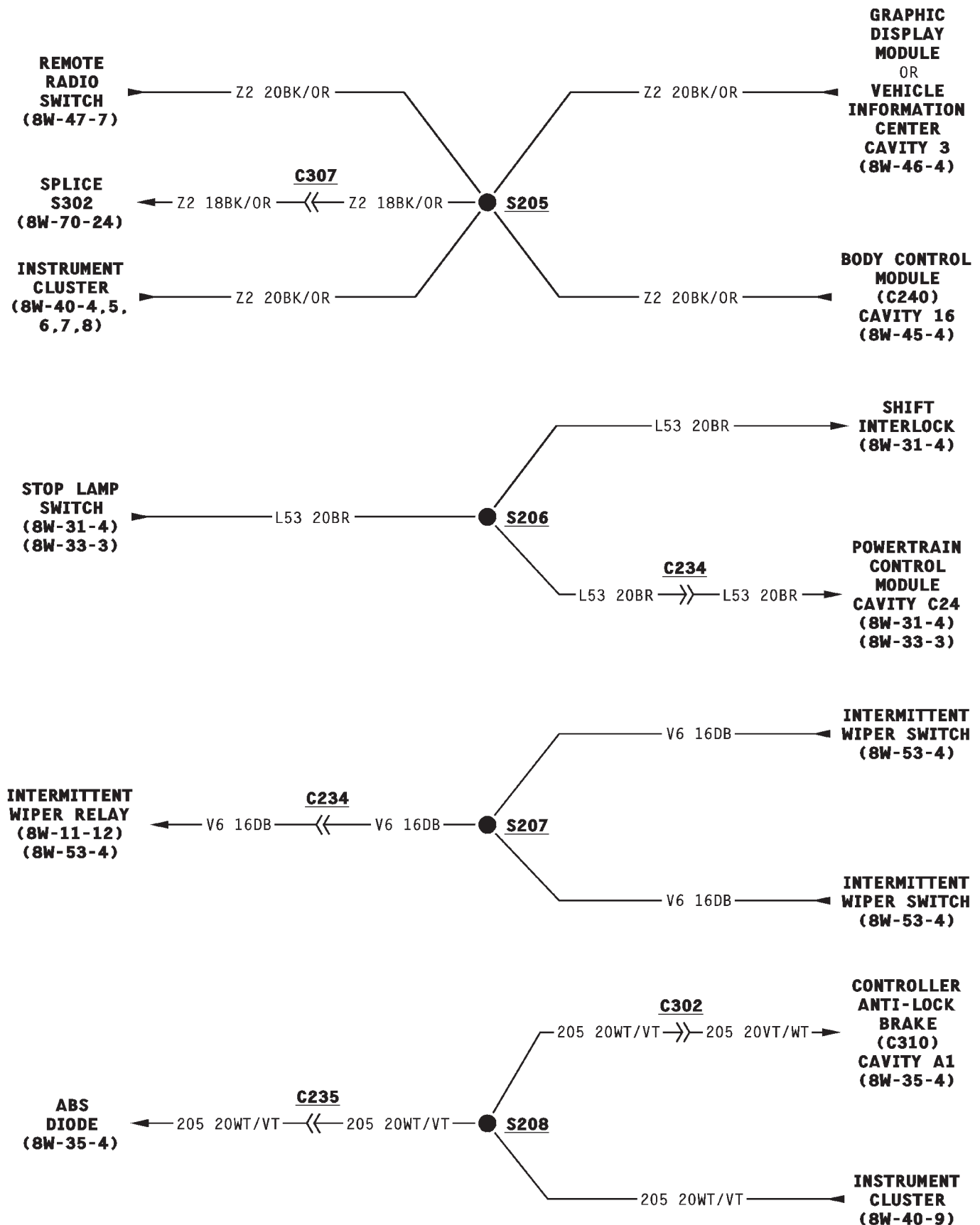


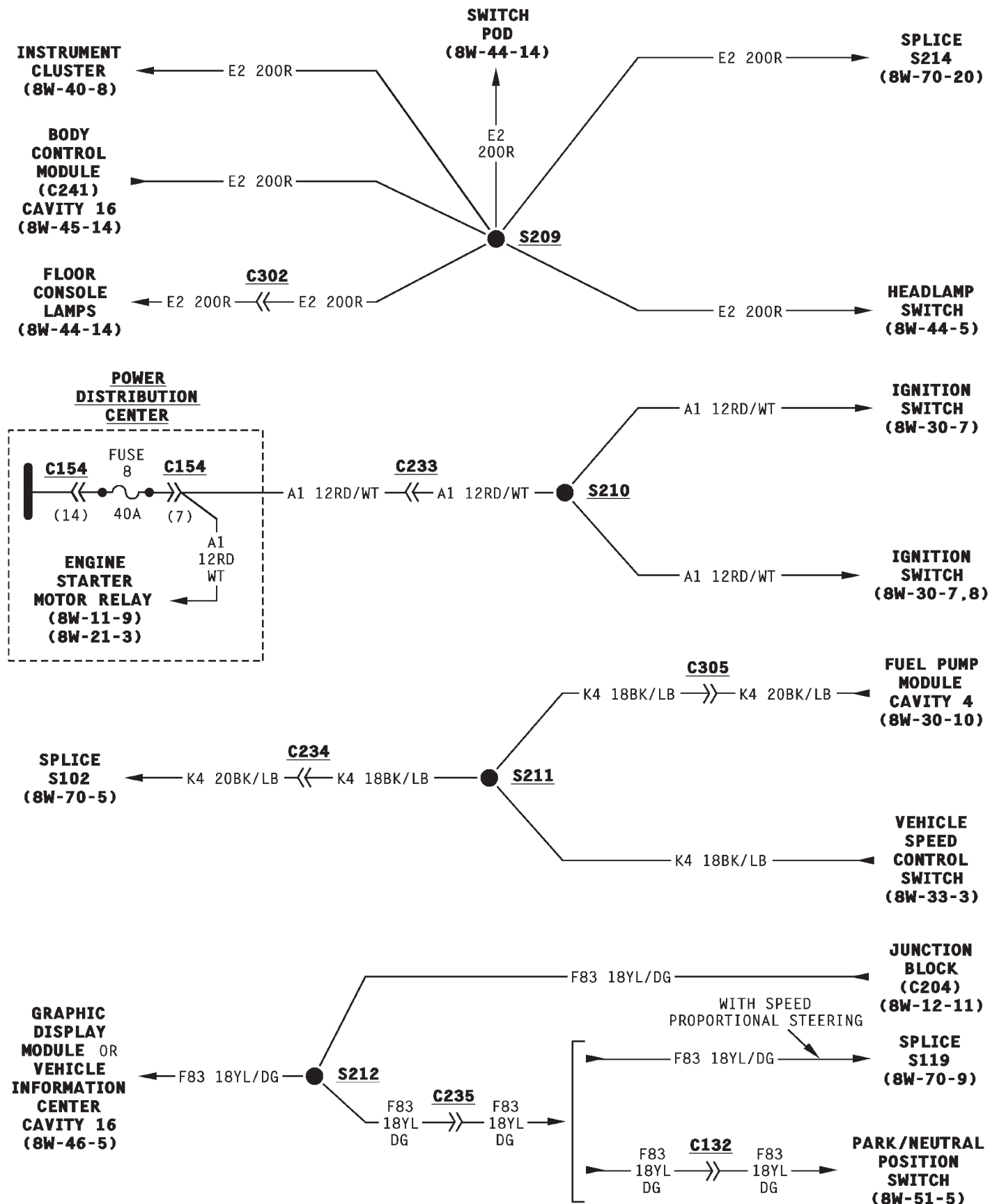


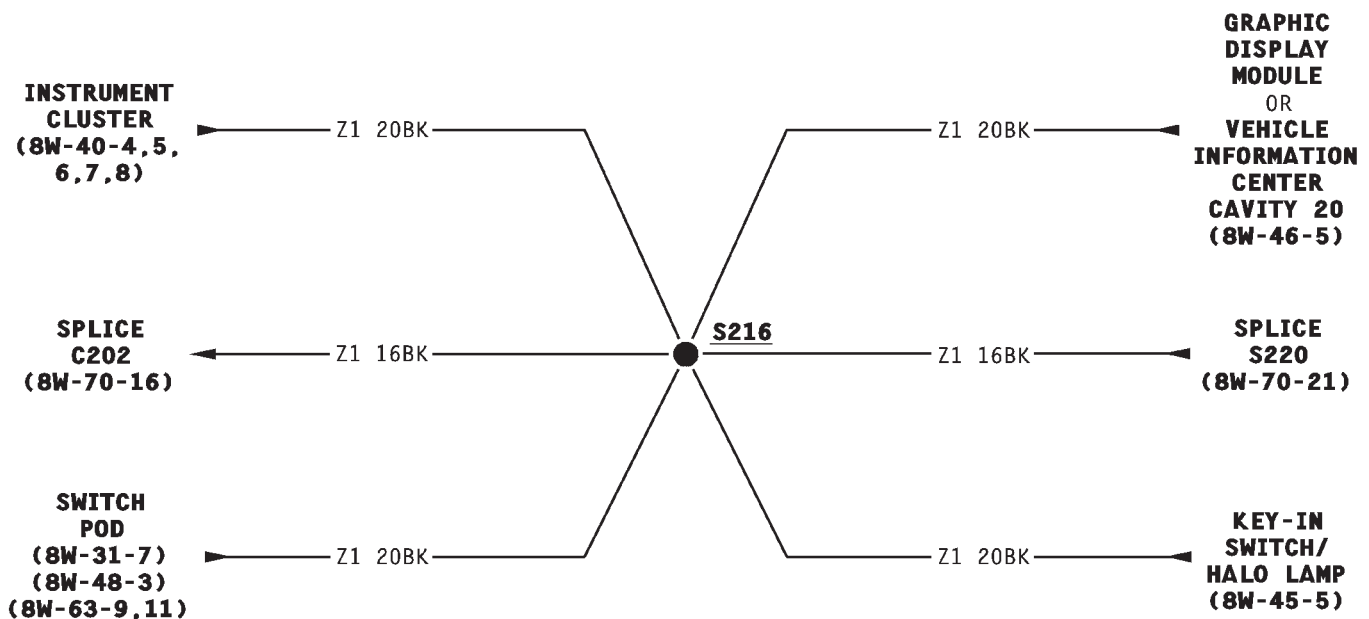
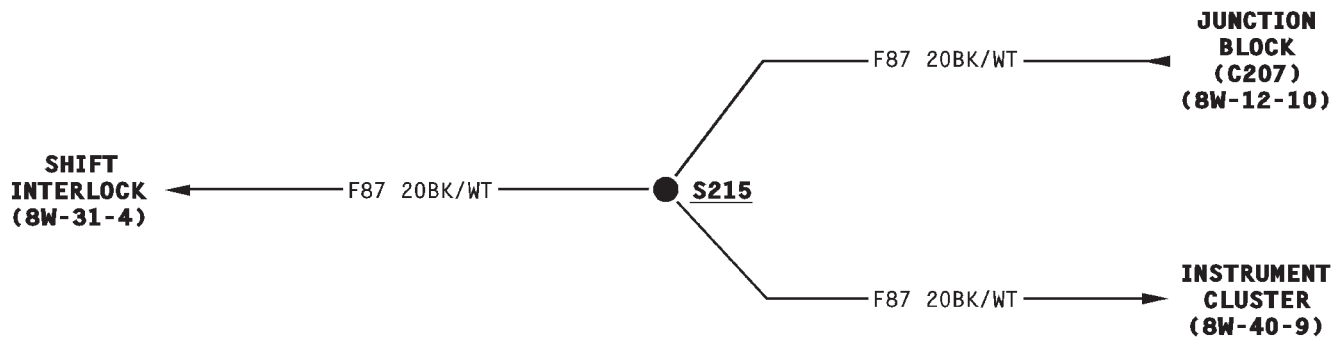
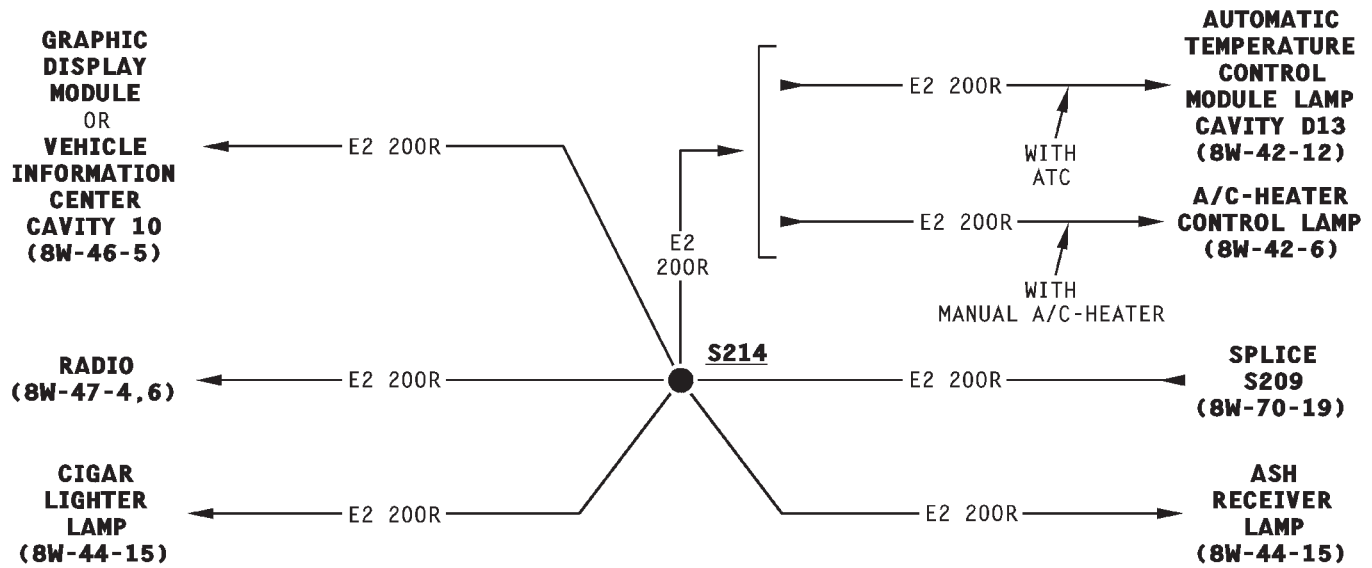


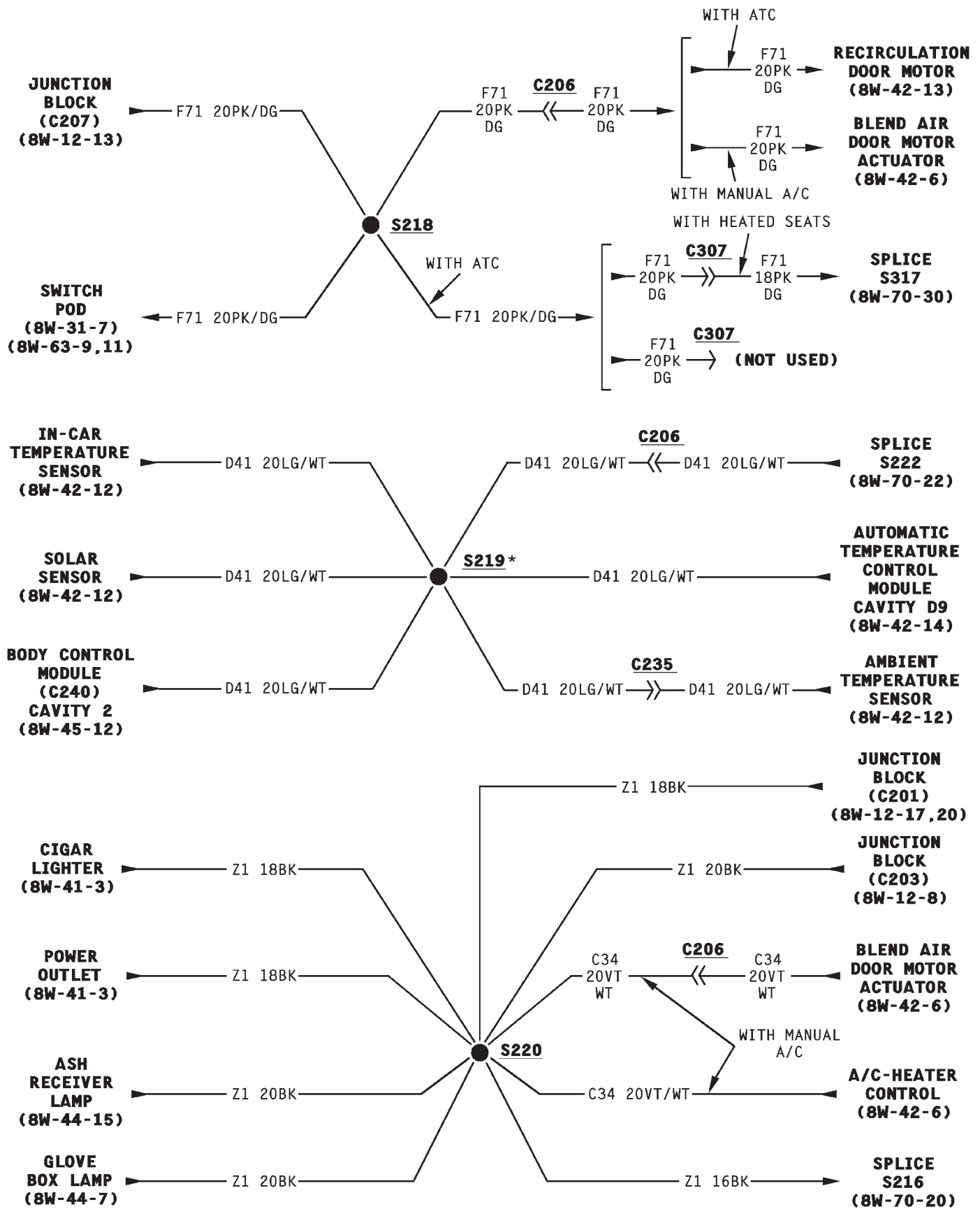




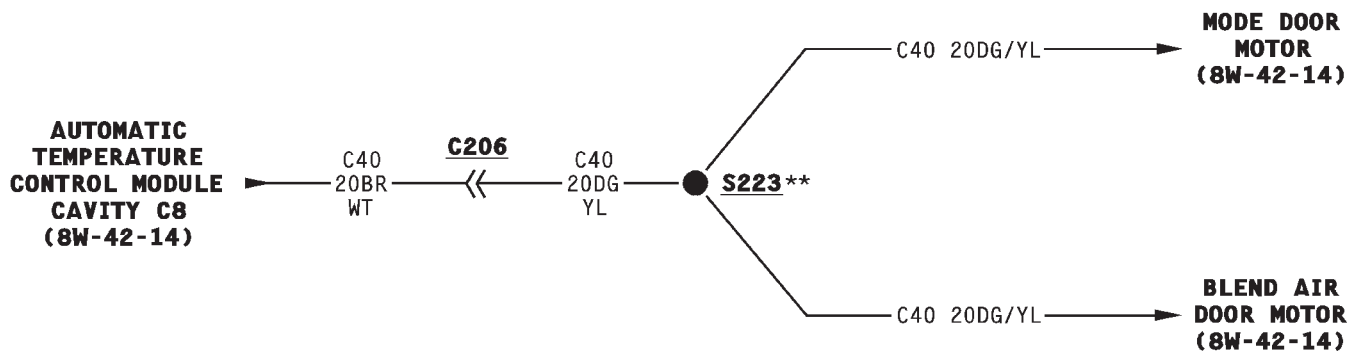
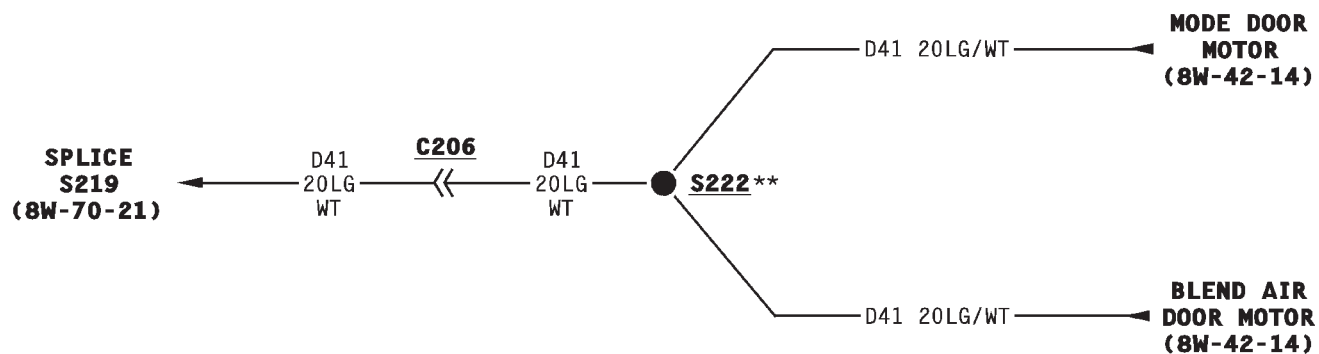
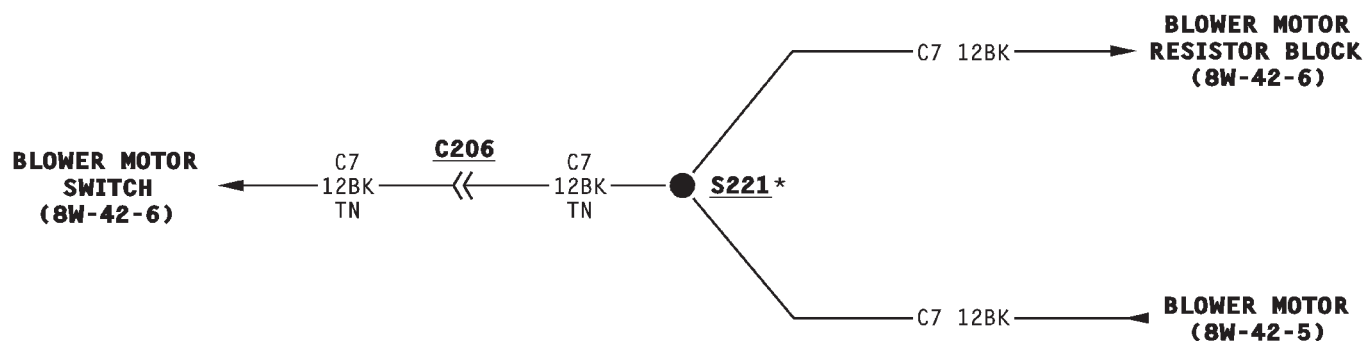




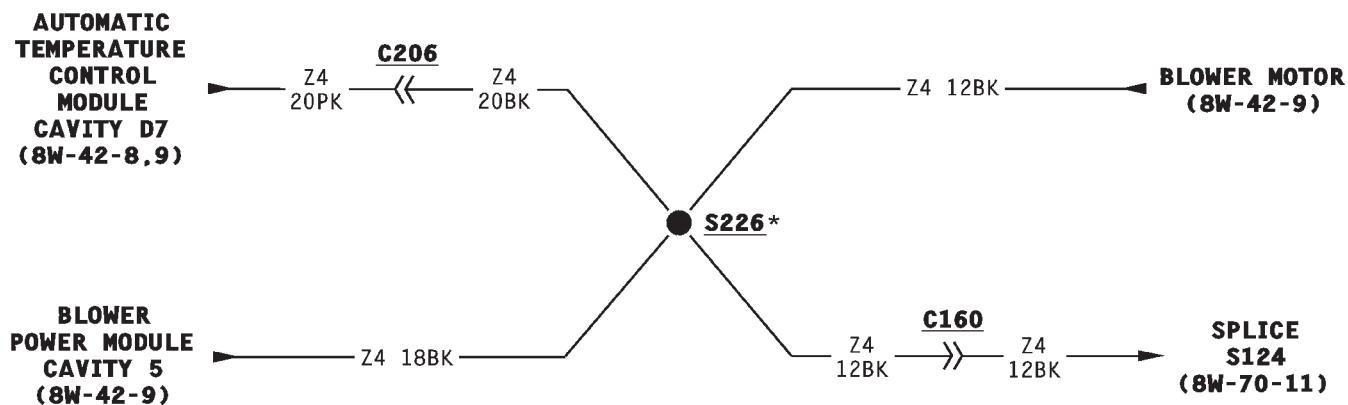
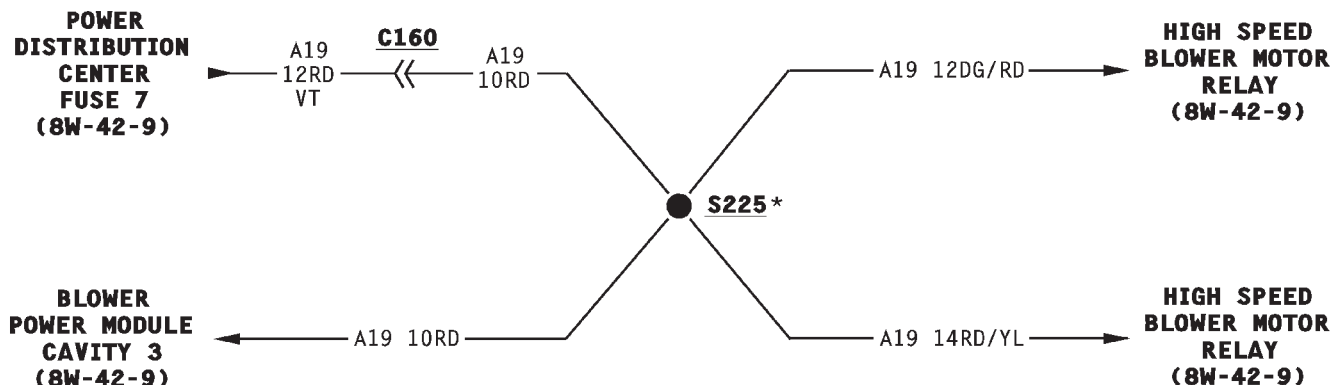
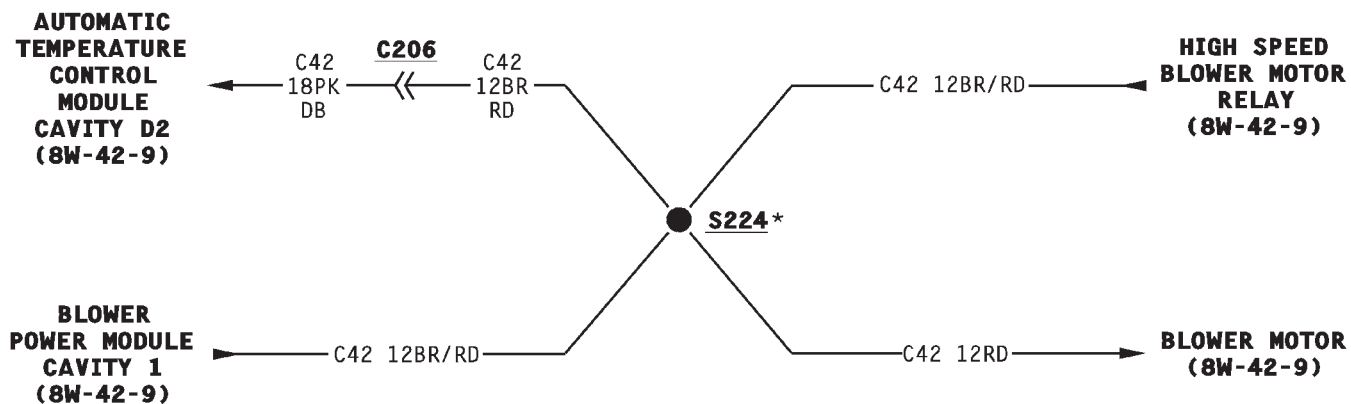




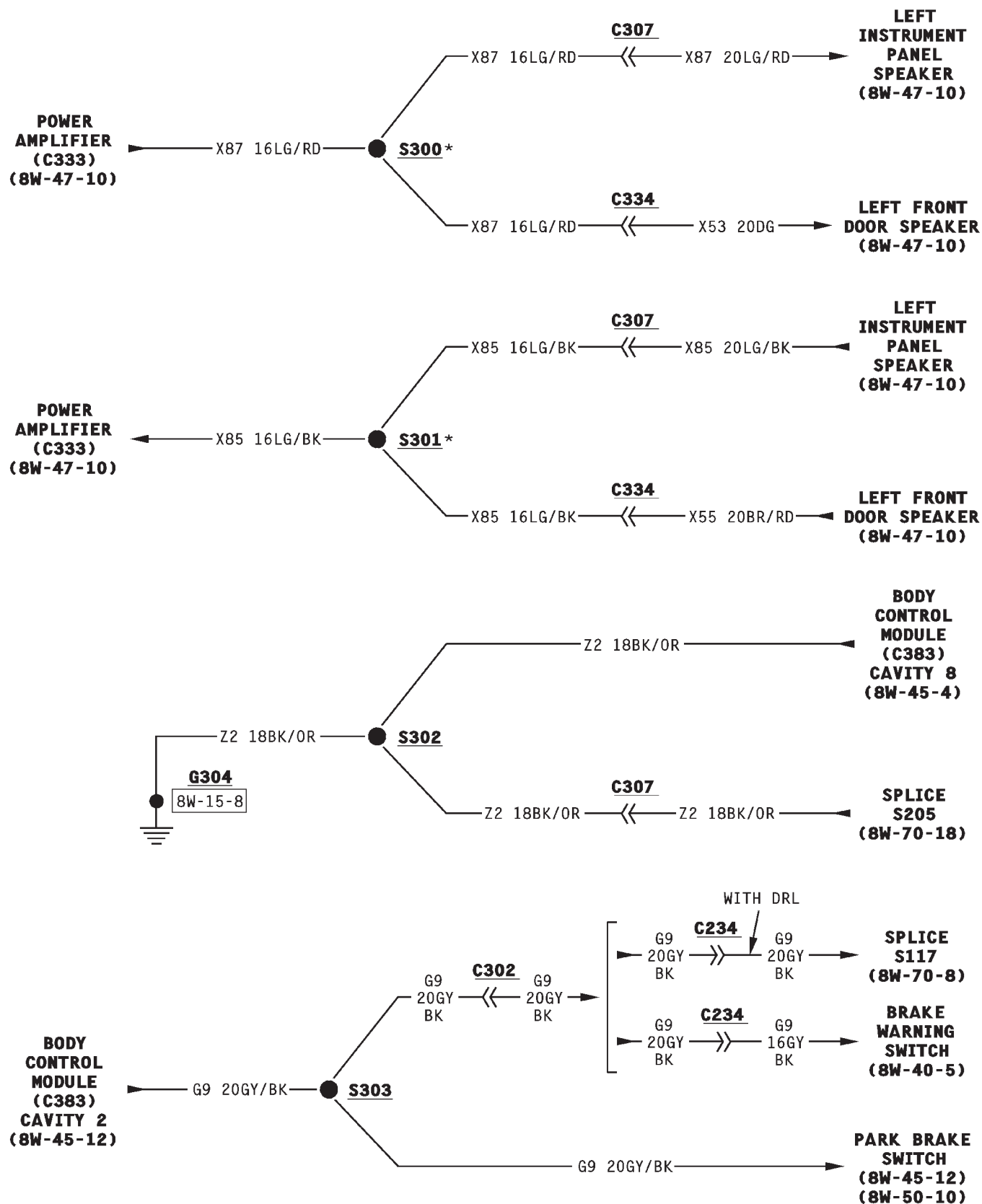
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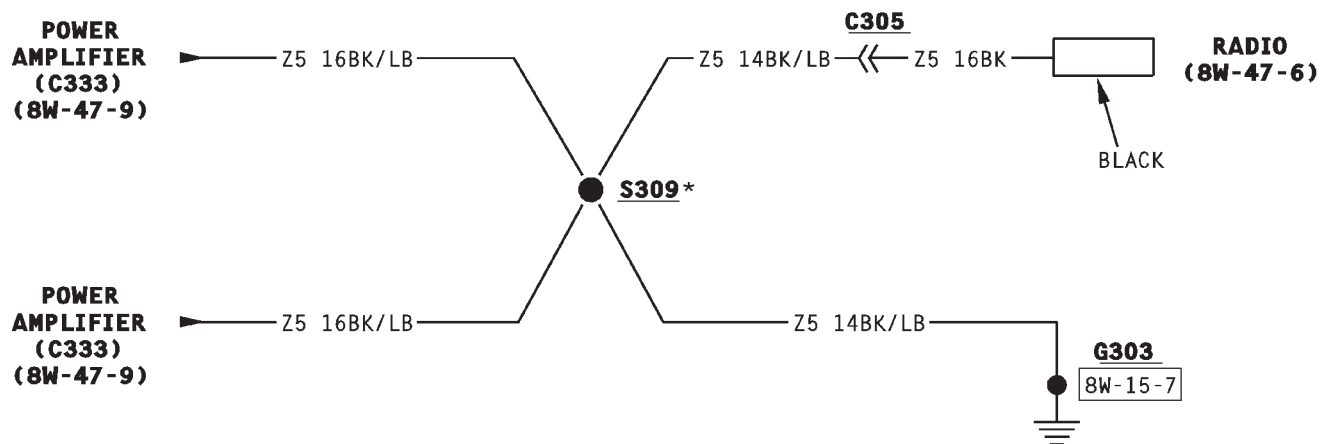
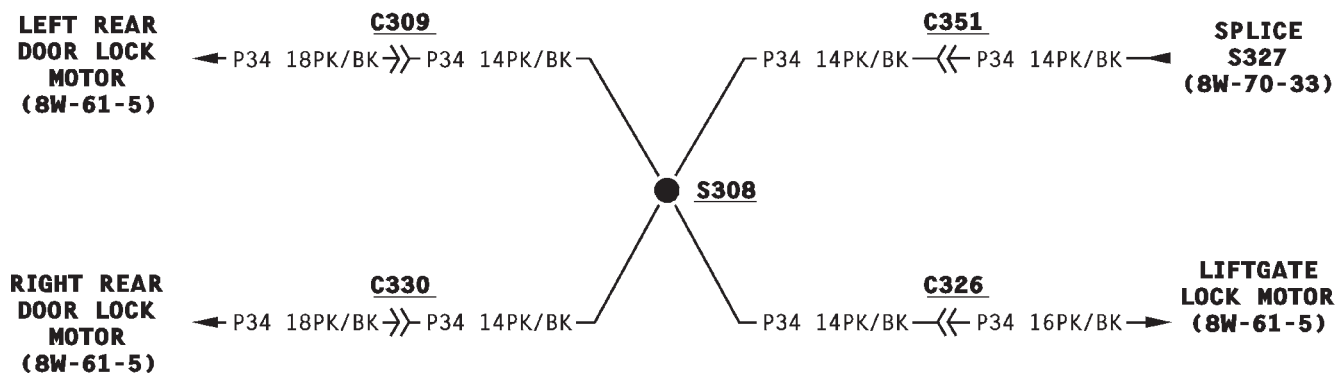
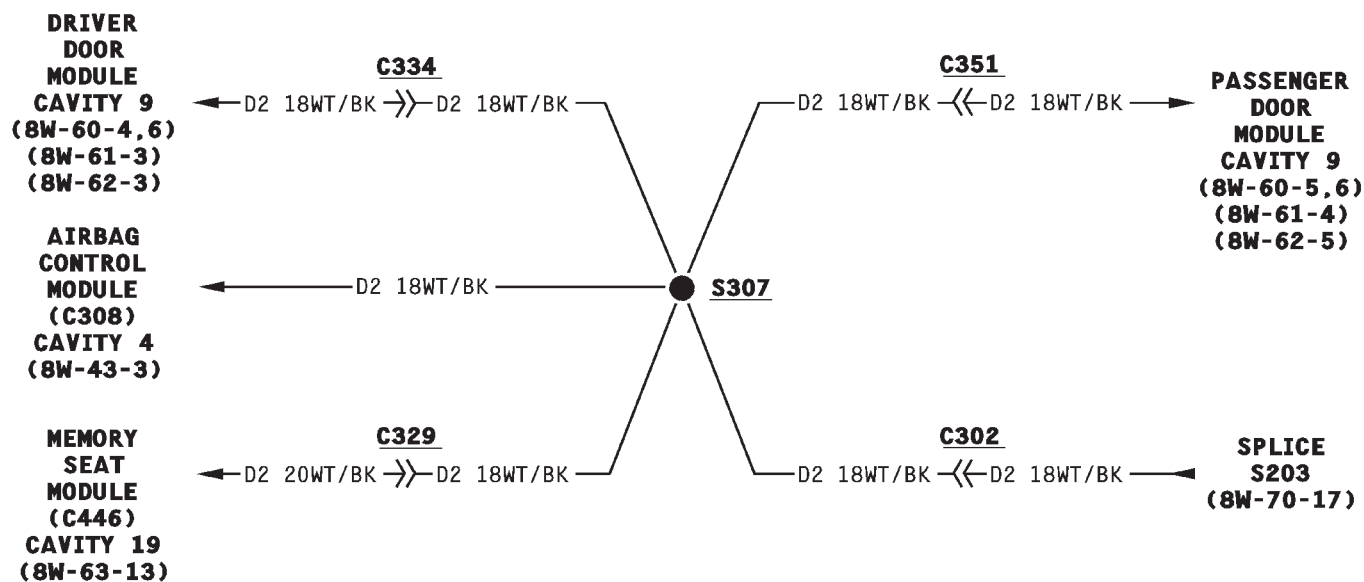
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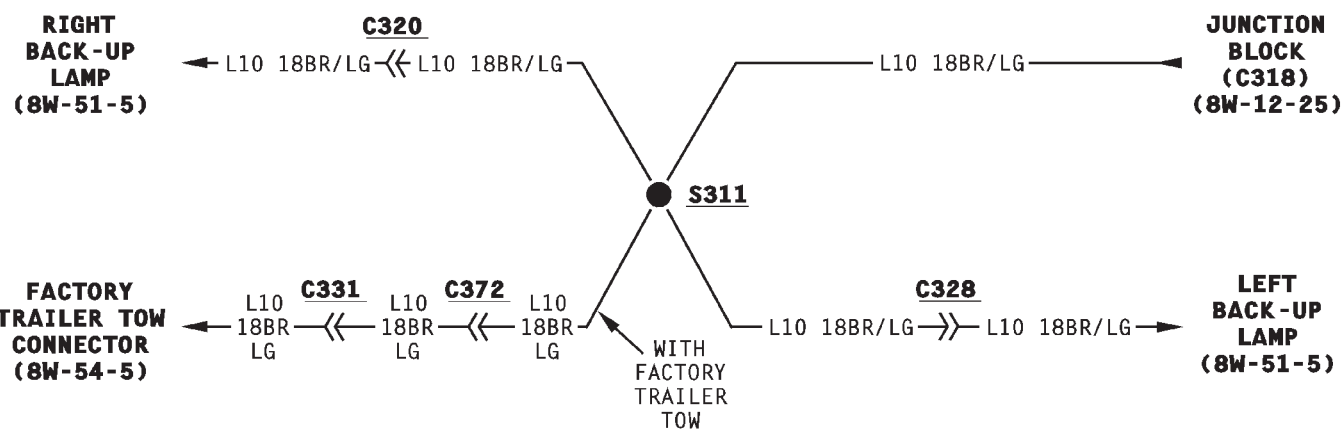
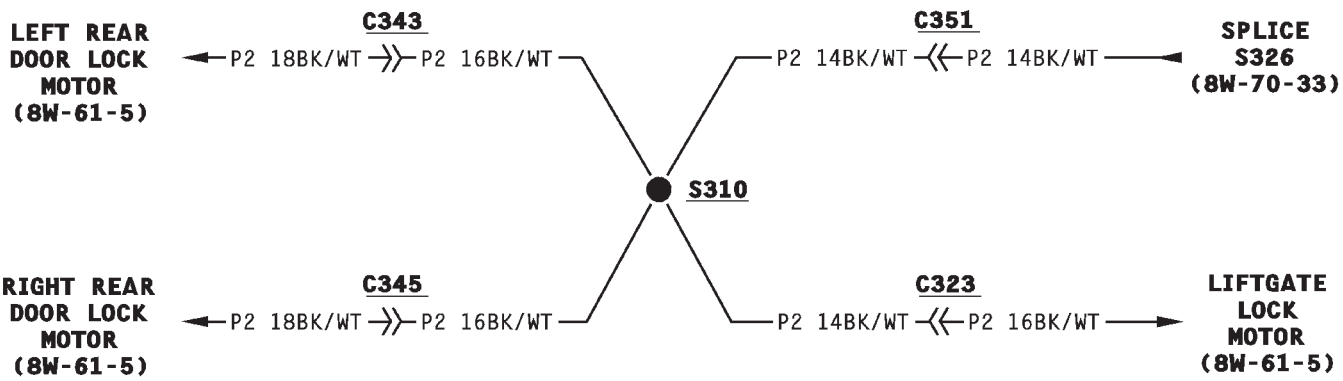
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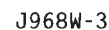


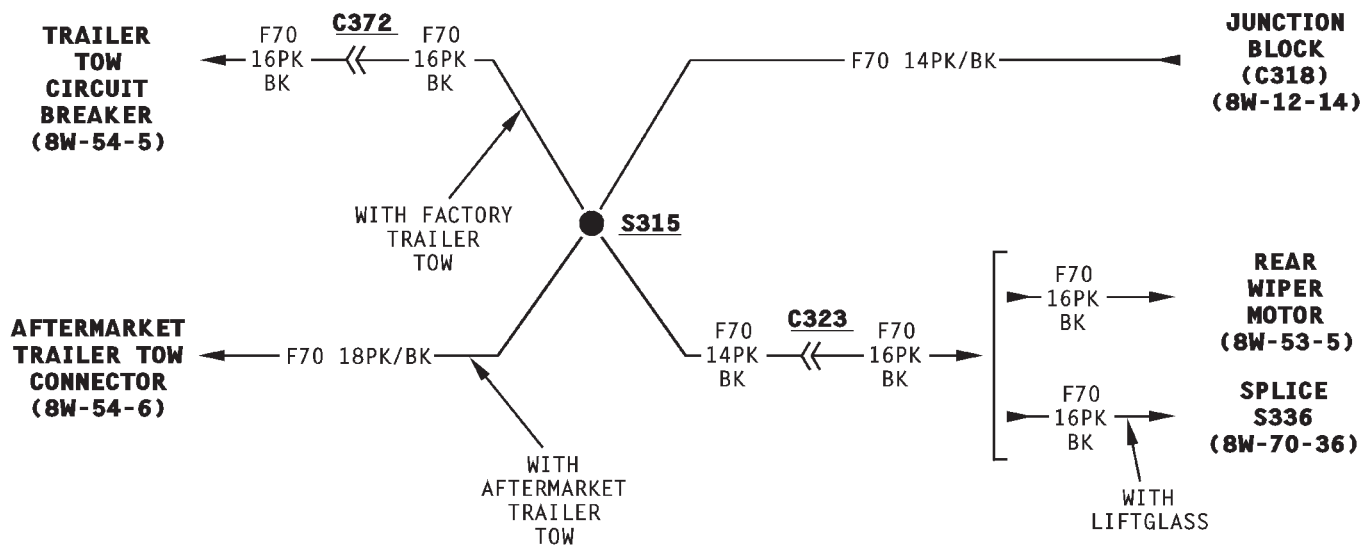
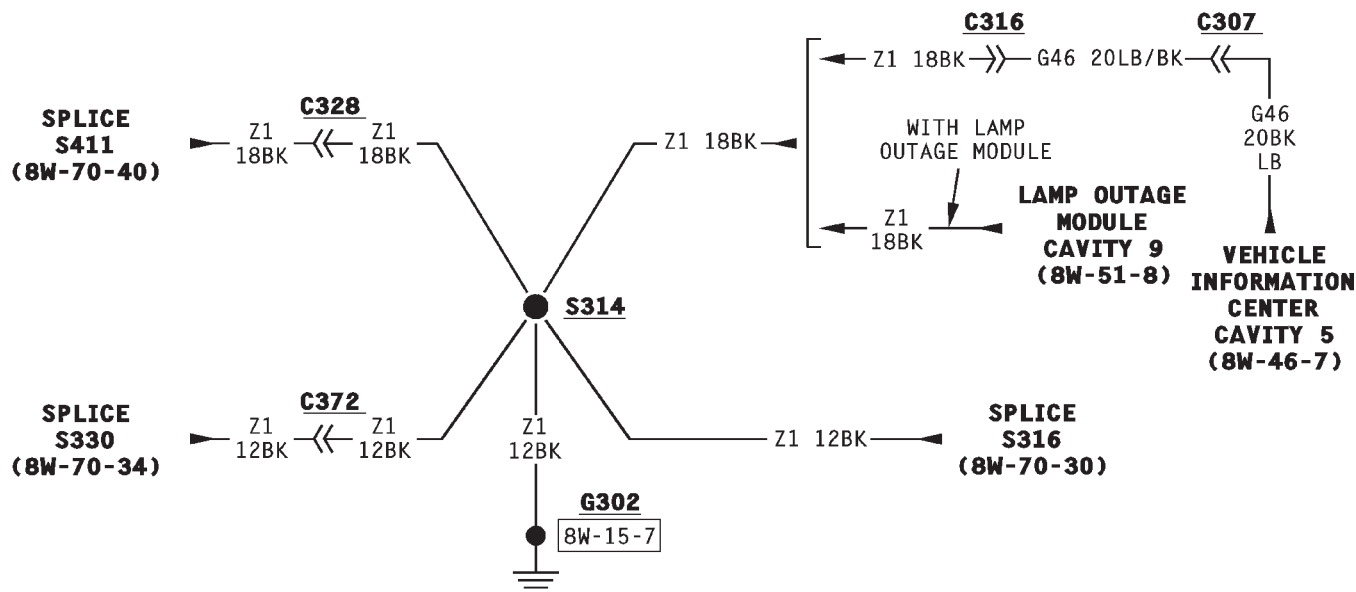
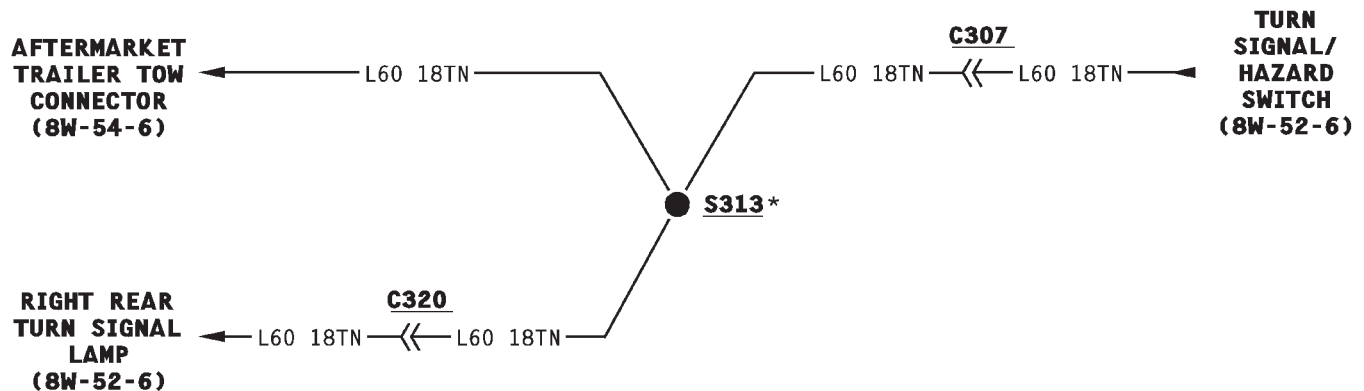
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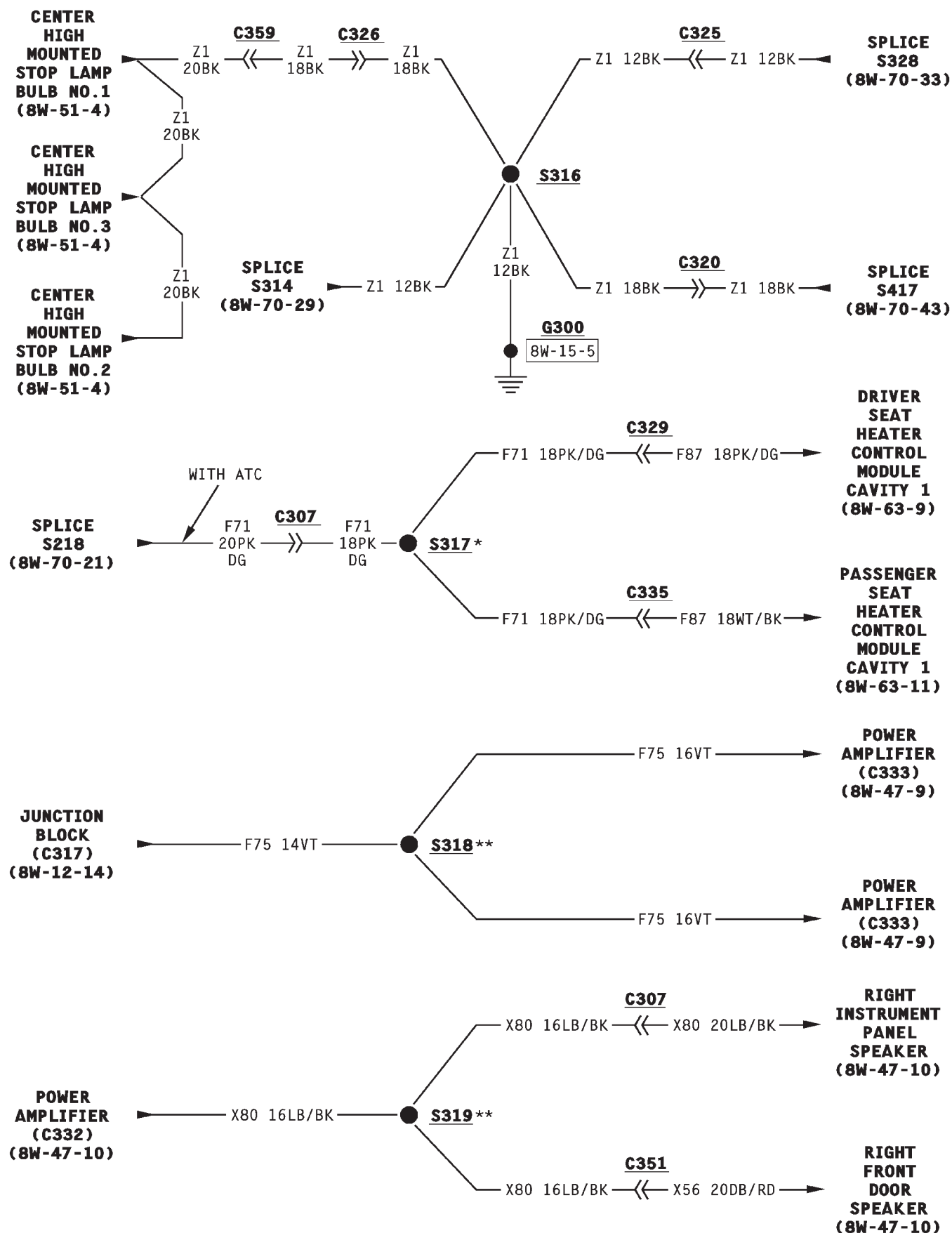
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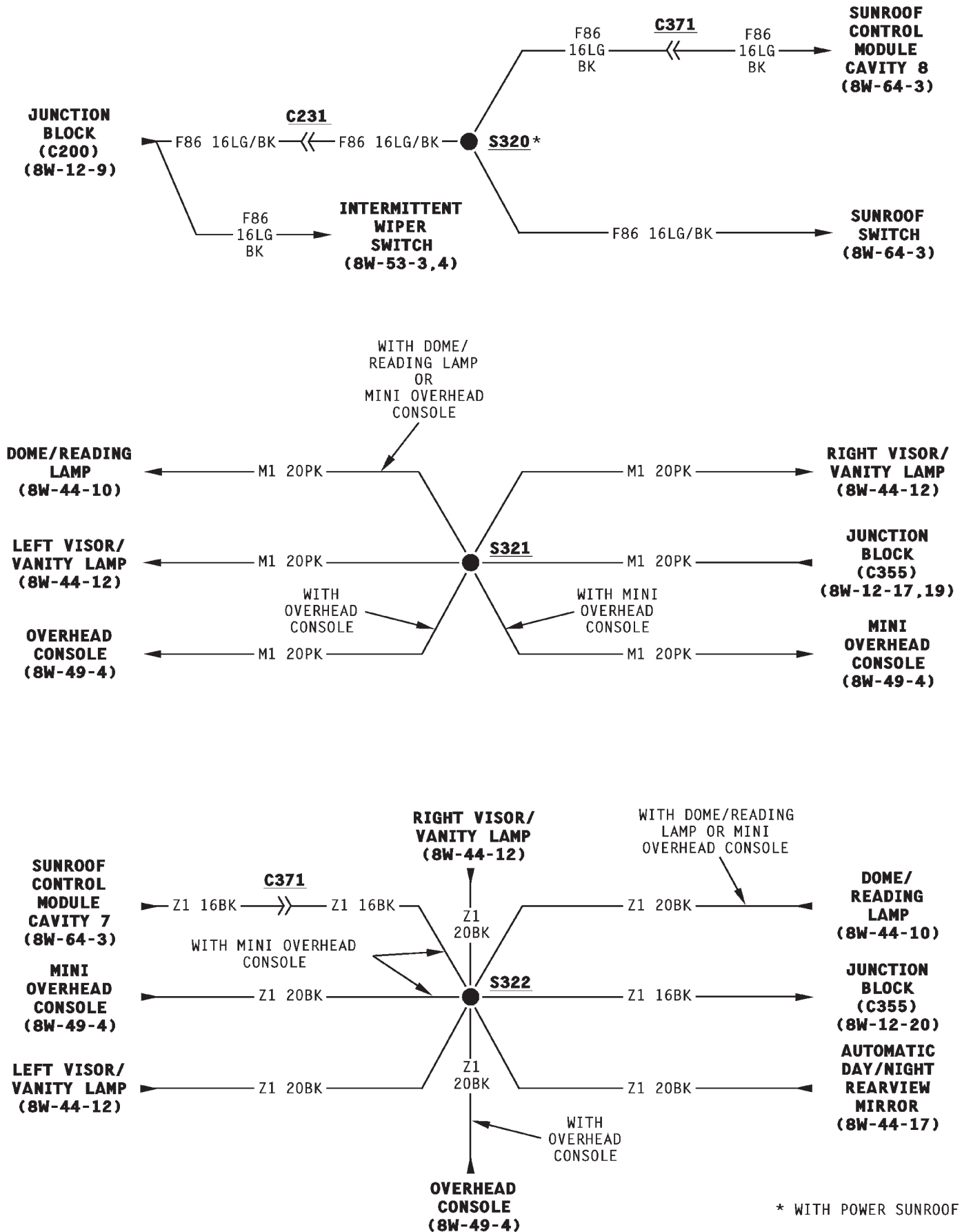


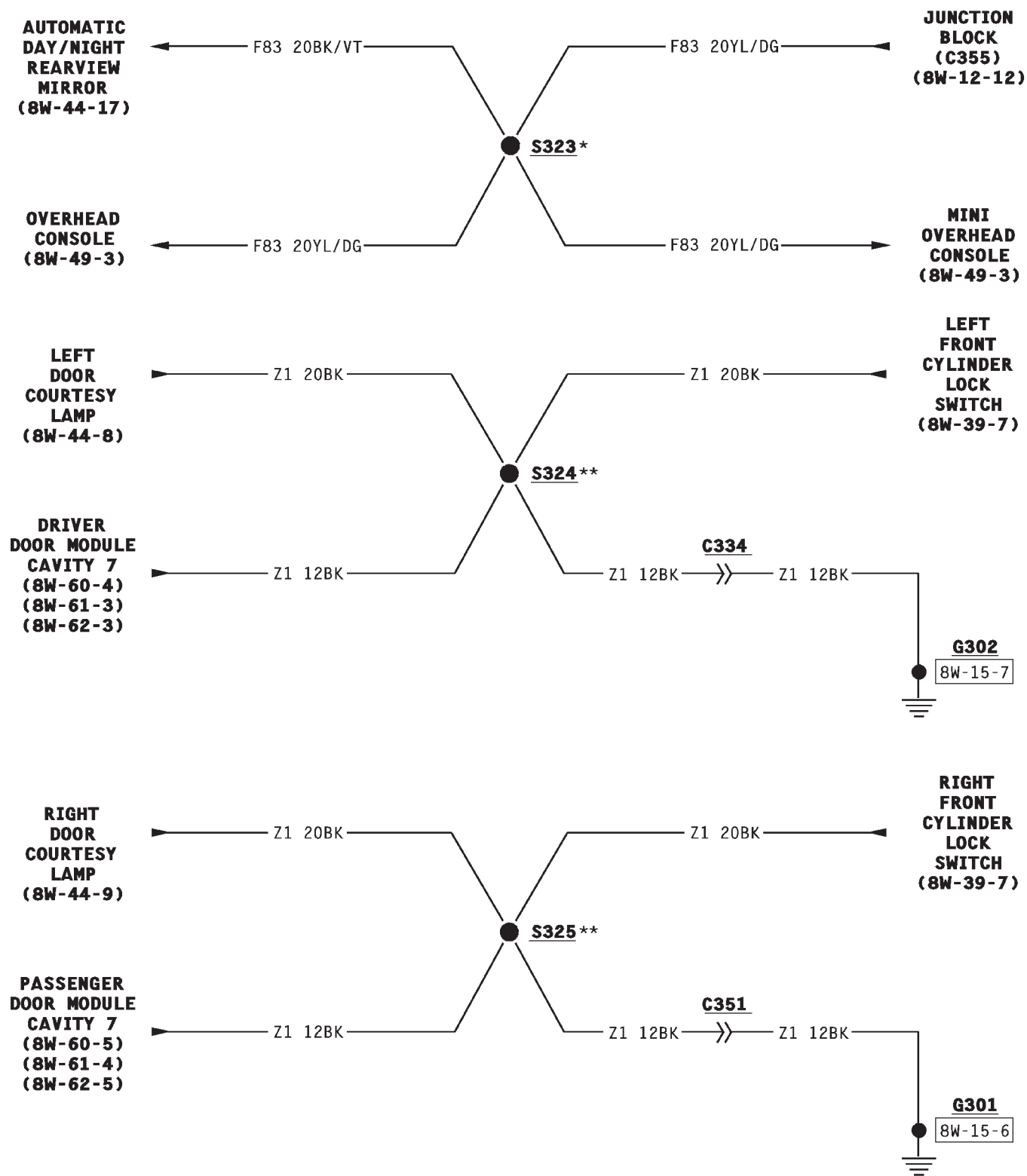


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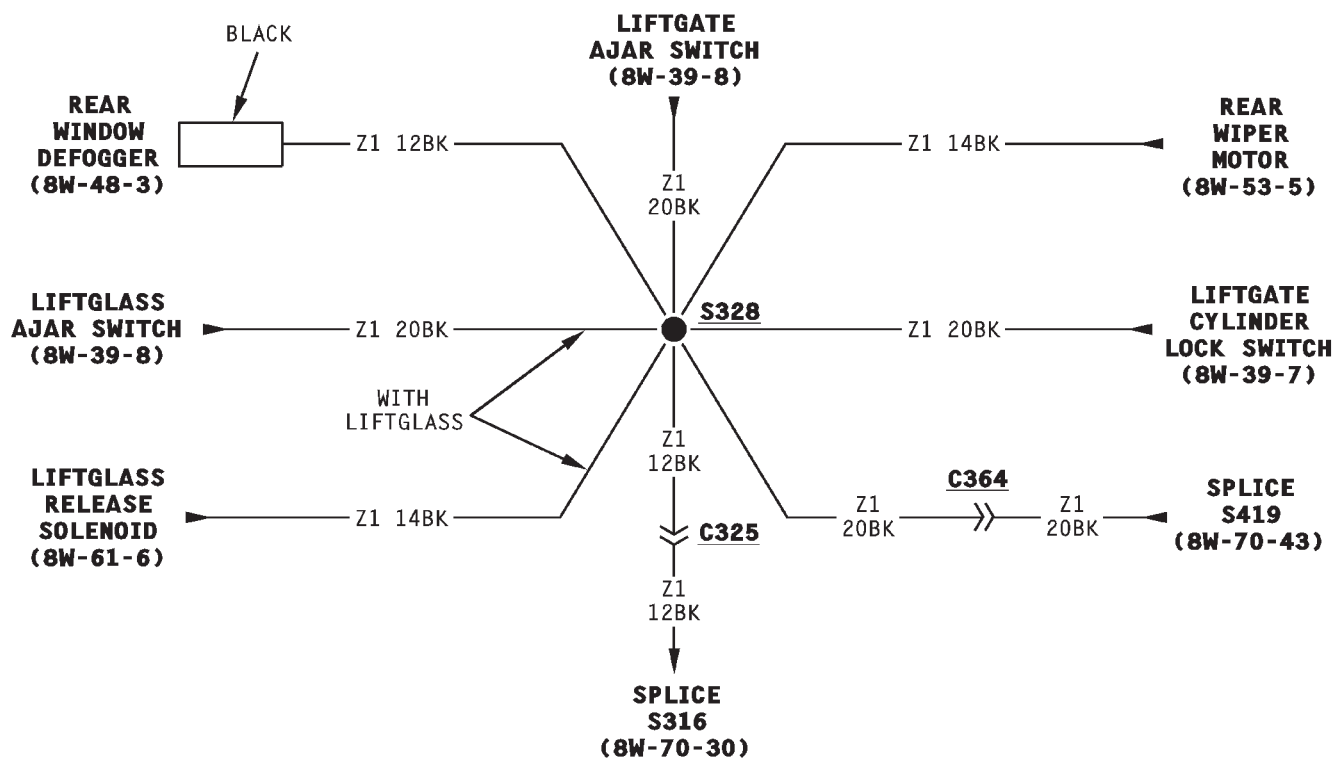
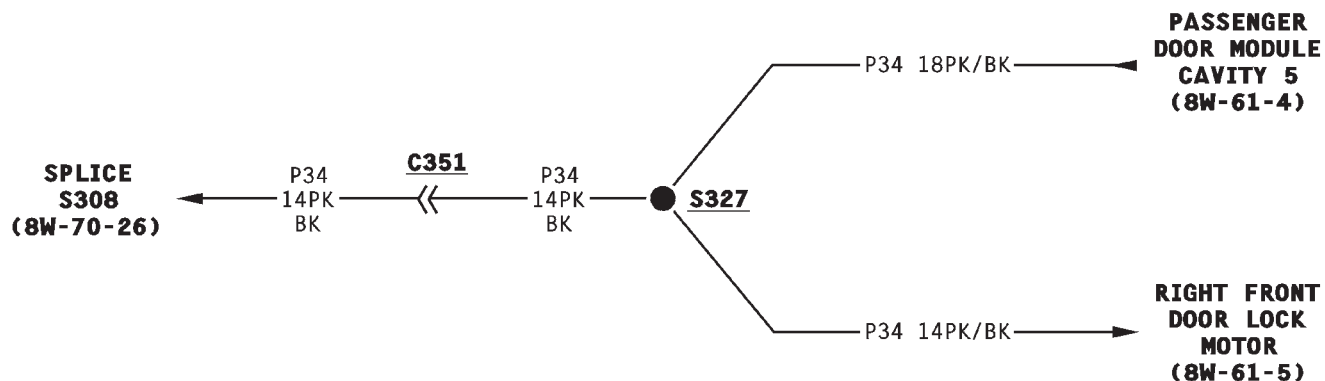
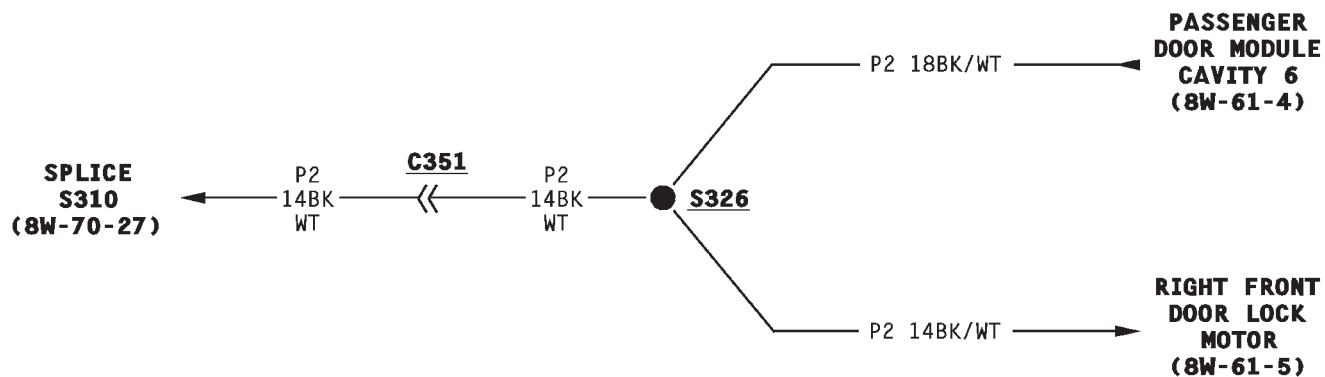


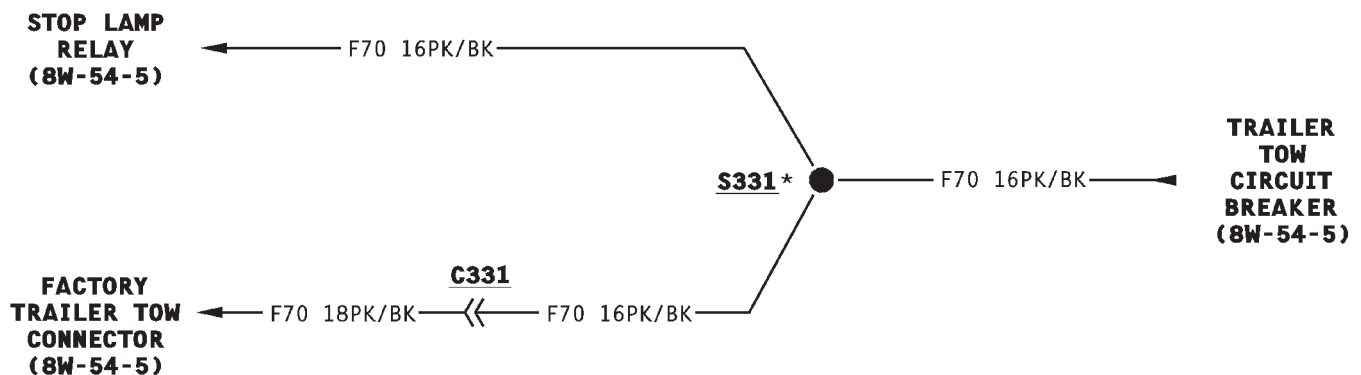
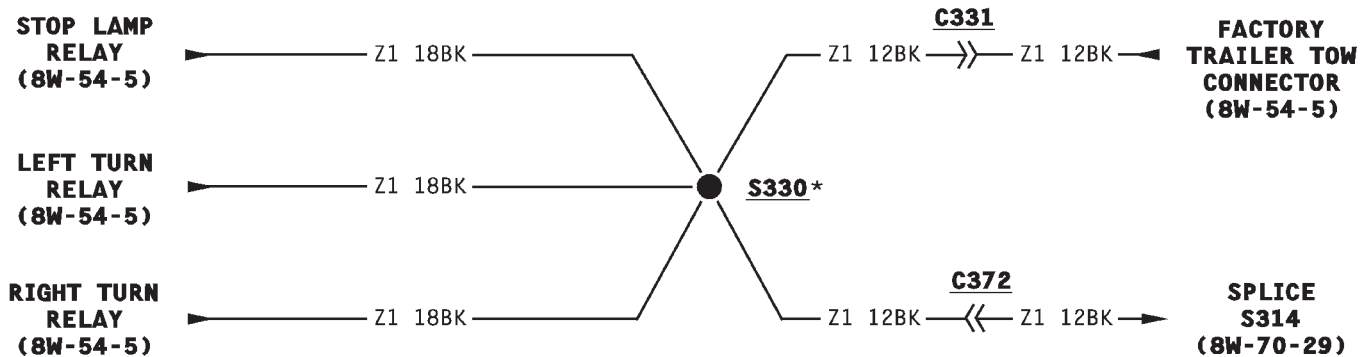
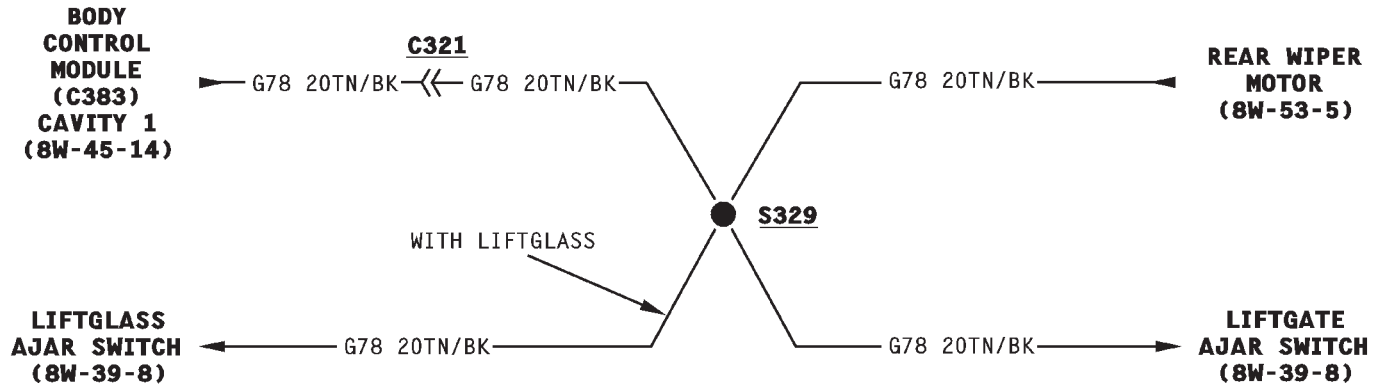
* WITH HEATED SEATS
 ** WITH PREMIUM RADIO



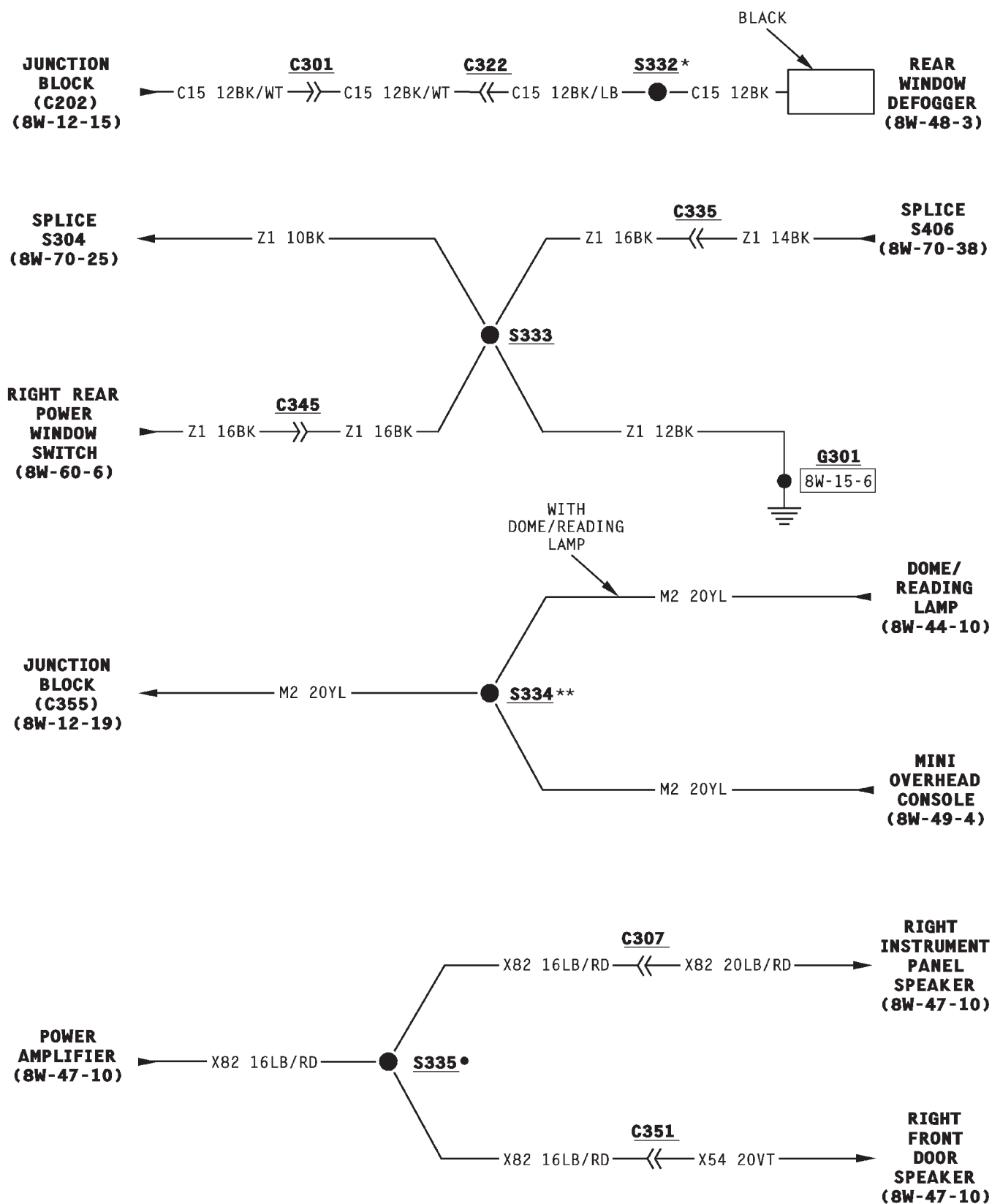


* WITH OVERHEAD CONSOLE OR
MINI OVERHEAD CONSOLE
** WITH FULL OPTION

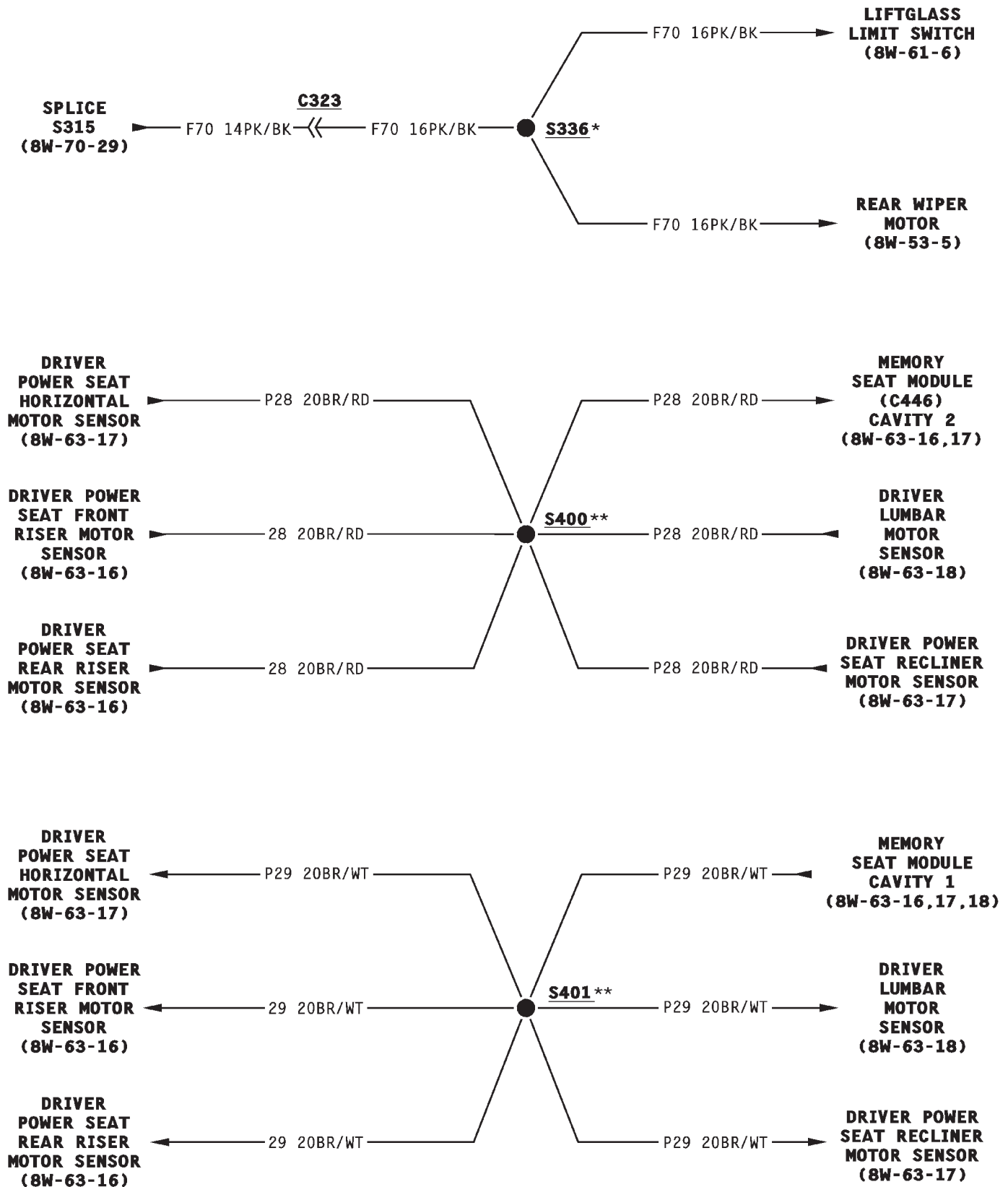




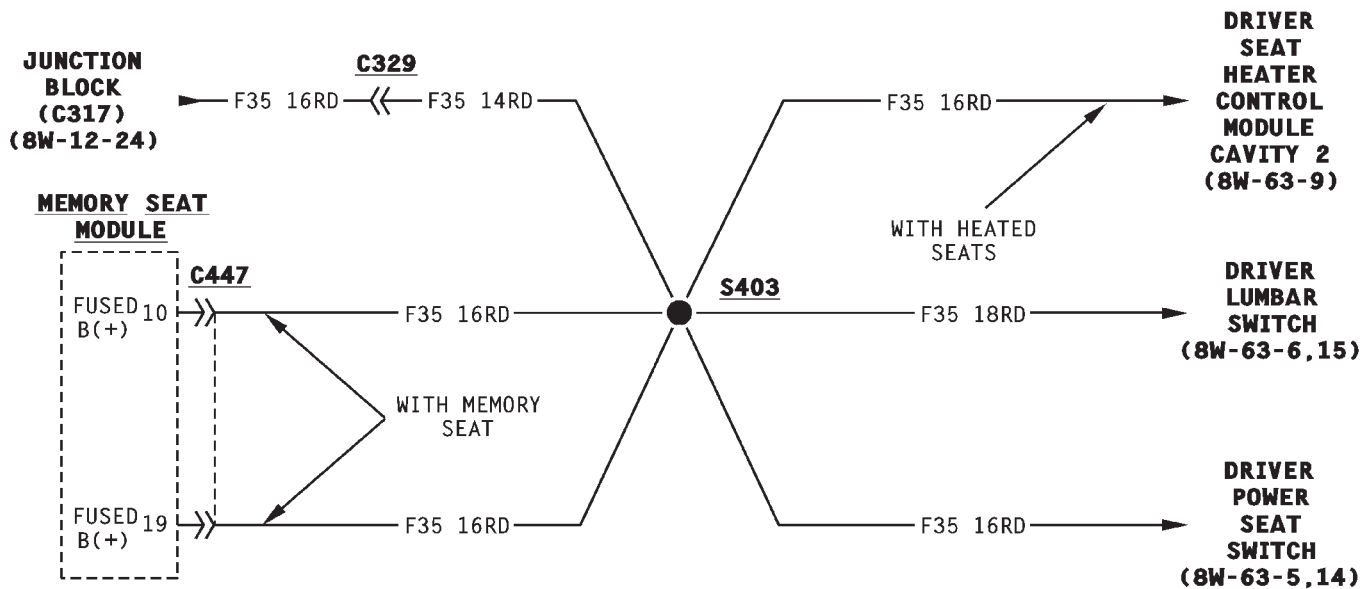
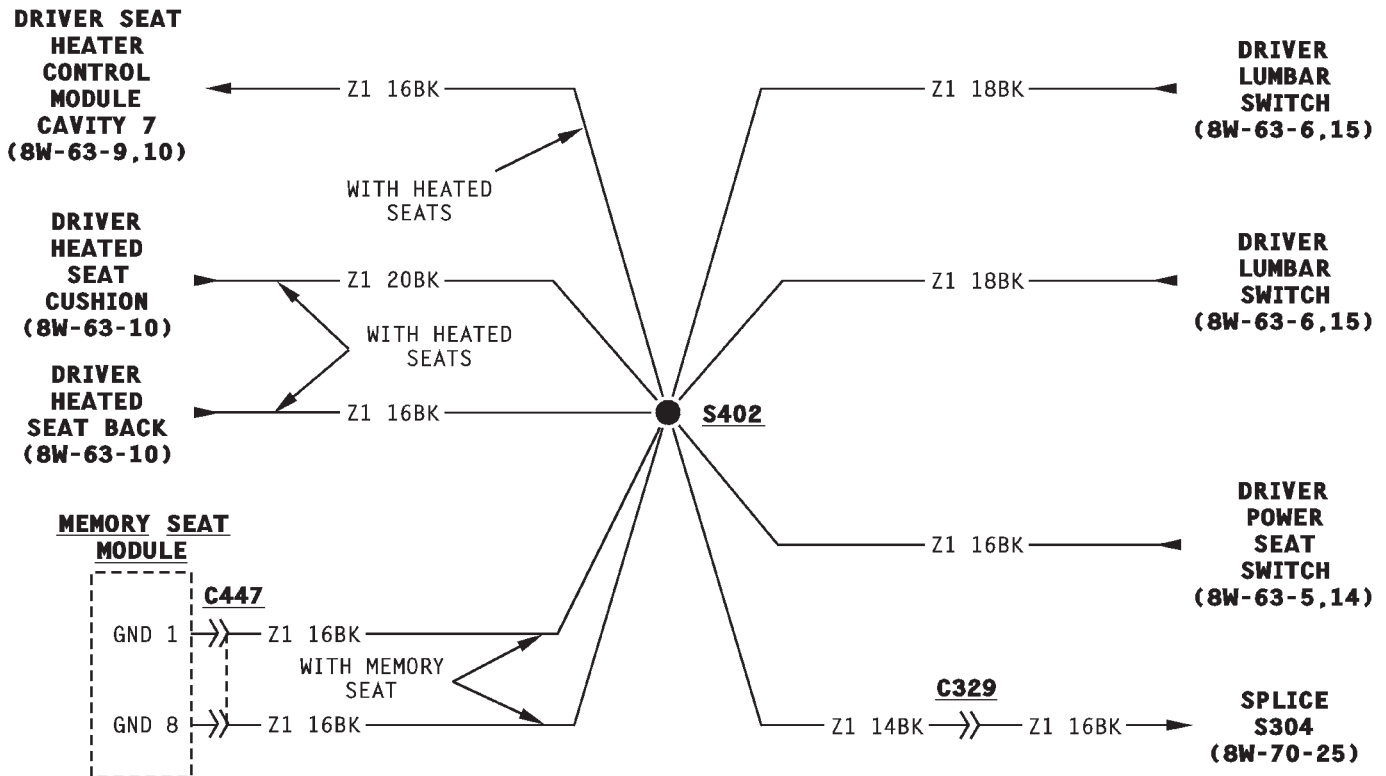
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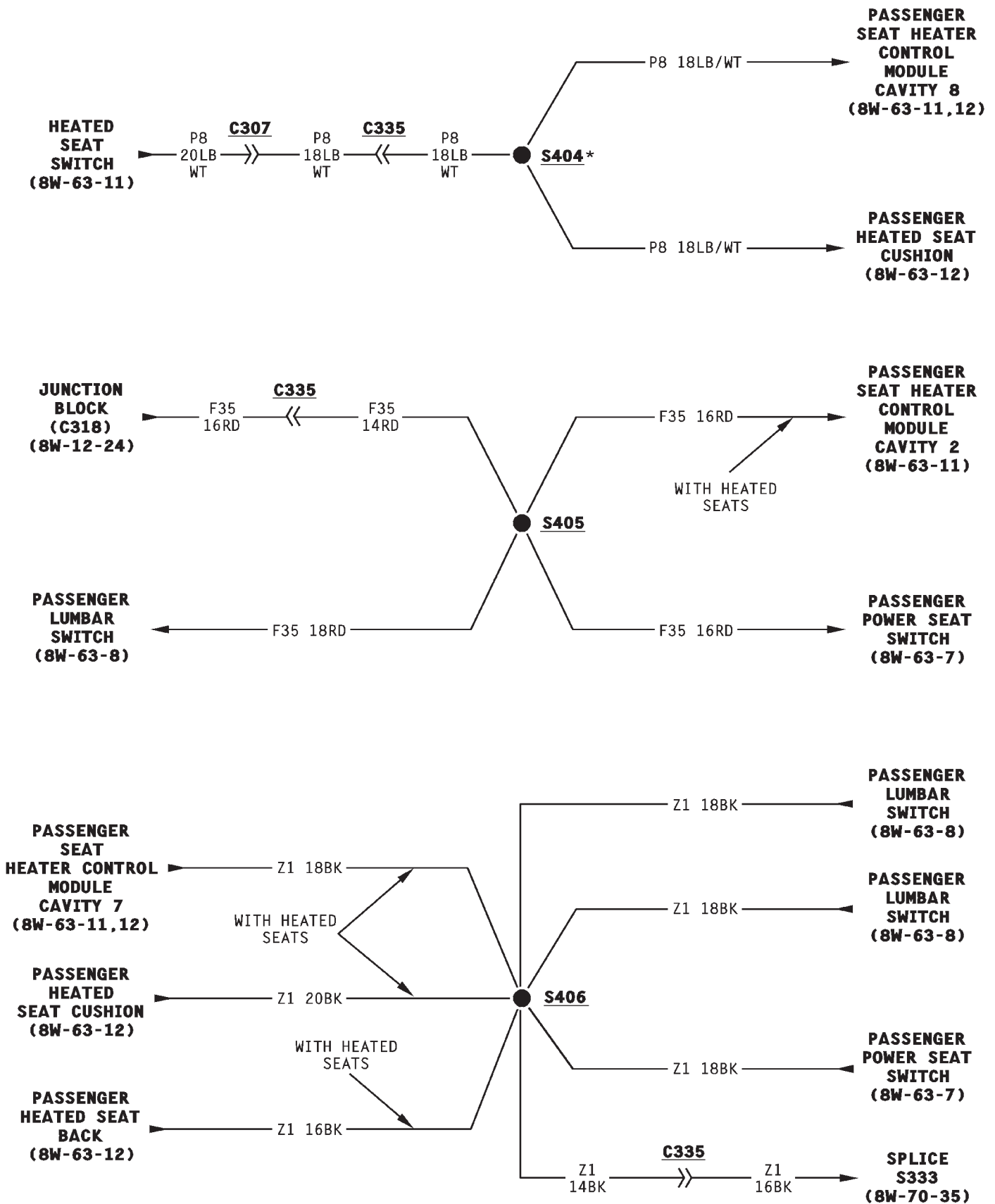


* WITH LIFTGLASS
 ** WITH SUNROOF AND MINI OVERHEAD CONSOLE
 • WITH PREMIUM RADIO

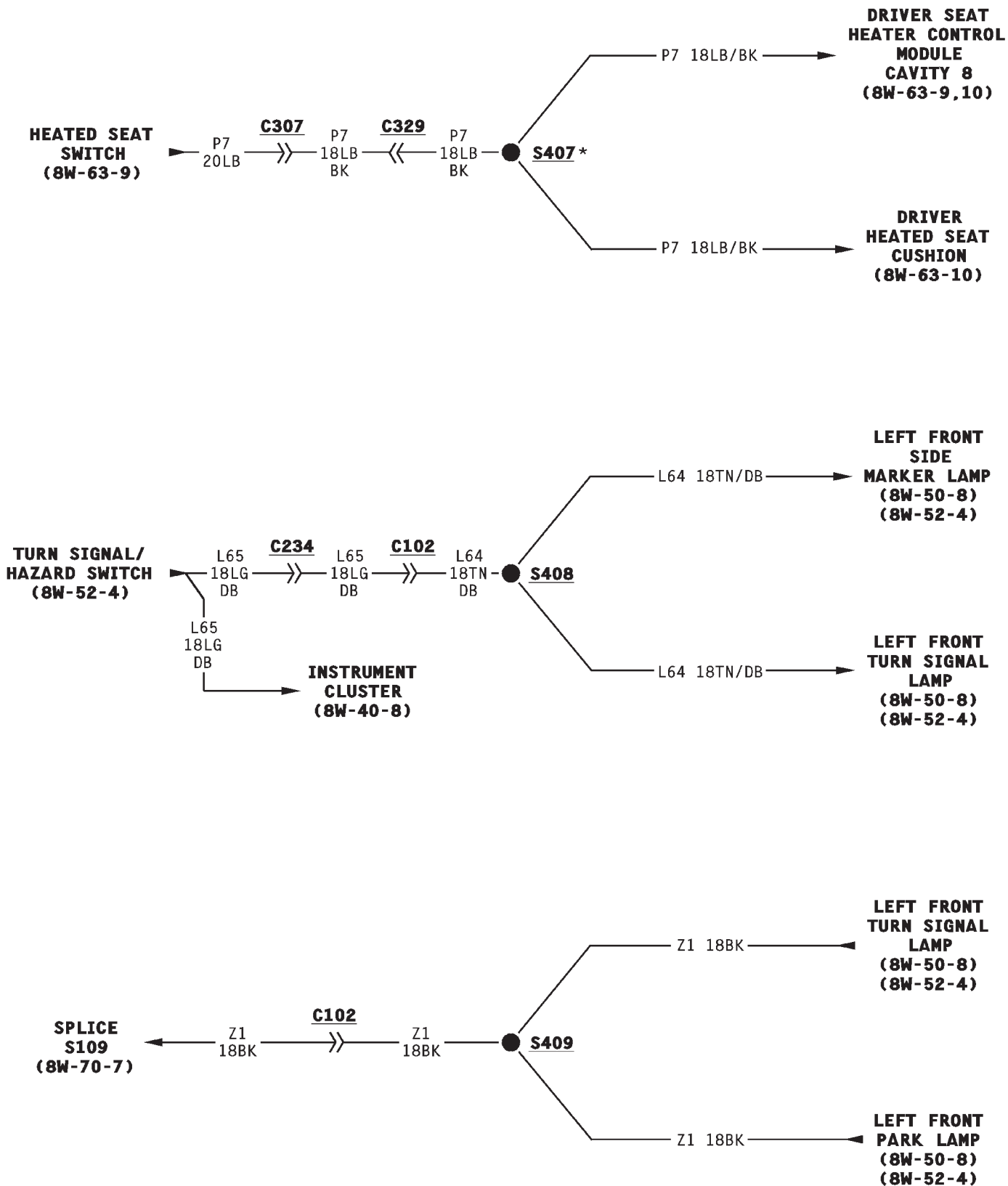


* WITH LIFTGLASS
 ** WITH MEMORY SEAT

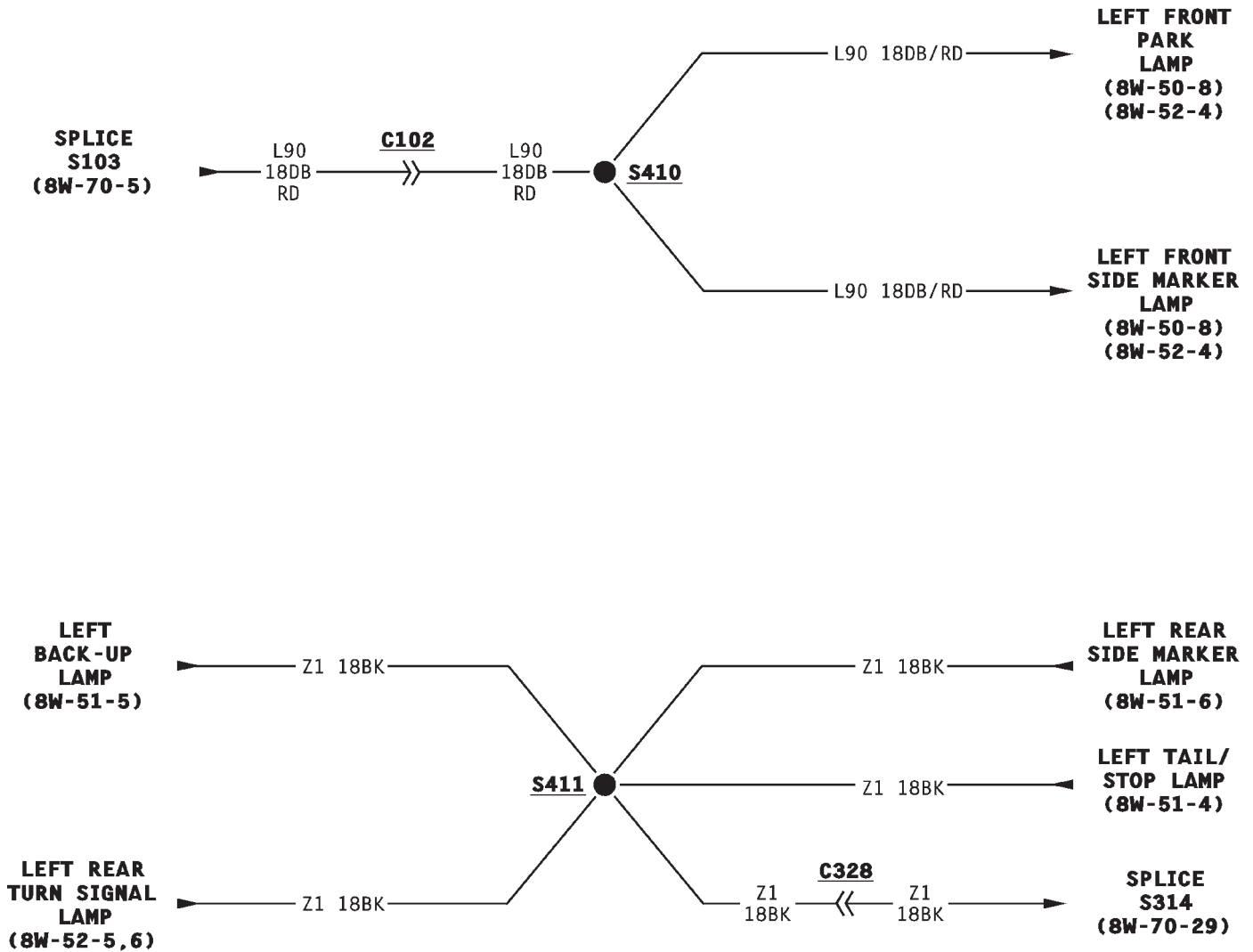


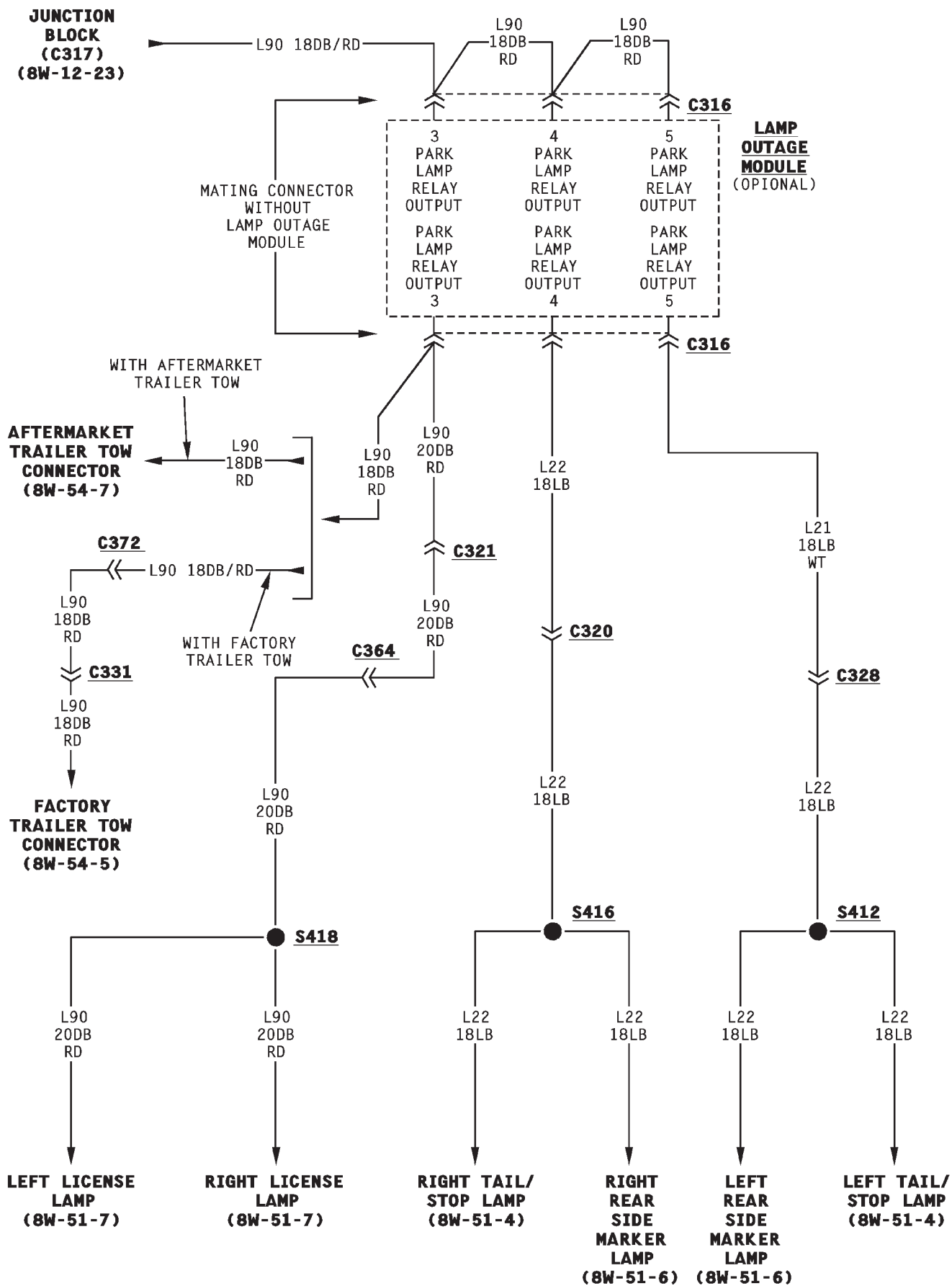


* WITH HEATED SEATS



* WITH HEATED SEATS





RIGHT FRONT
TURN SIGNAL
LAMP
(8W-50-8)
(8W-52-4)

L64 18TN/DB

S413

L64
18TN
DB

C150

L64
18TN
DB

JUNCTION
BLOCK
(C162)
(8W-12-25)

RIGHT FRONT
SIDE MARKER
LAMP
(8W-50-8)
(8W-52-4)

L64 18TN/DB

RIGHT FRONT
PARK LAMP
(8W-50-8)
(8W-52-4)

Z1 18BK

S414

Z1
18BK

C150

Z1
18BK

SPLICE
S104
(8W-70-5)

RIGHT FRONT
TURN SIGNAL
LAMP
(8W-50-8)
(8W-52-4)

Z1 18BK

SPLICE
S103
(8W-70-5)

L90
18DB
RD

C150

L90
18DB
RD

S415

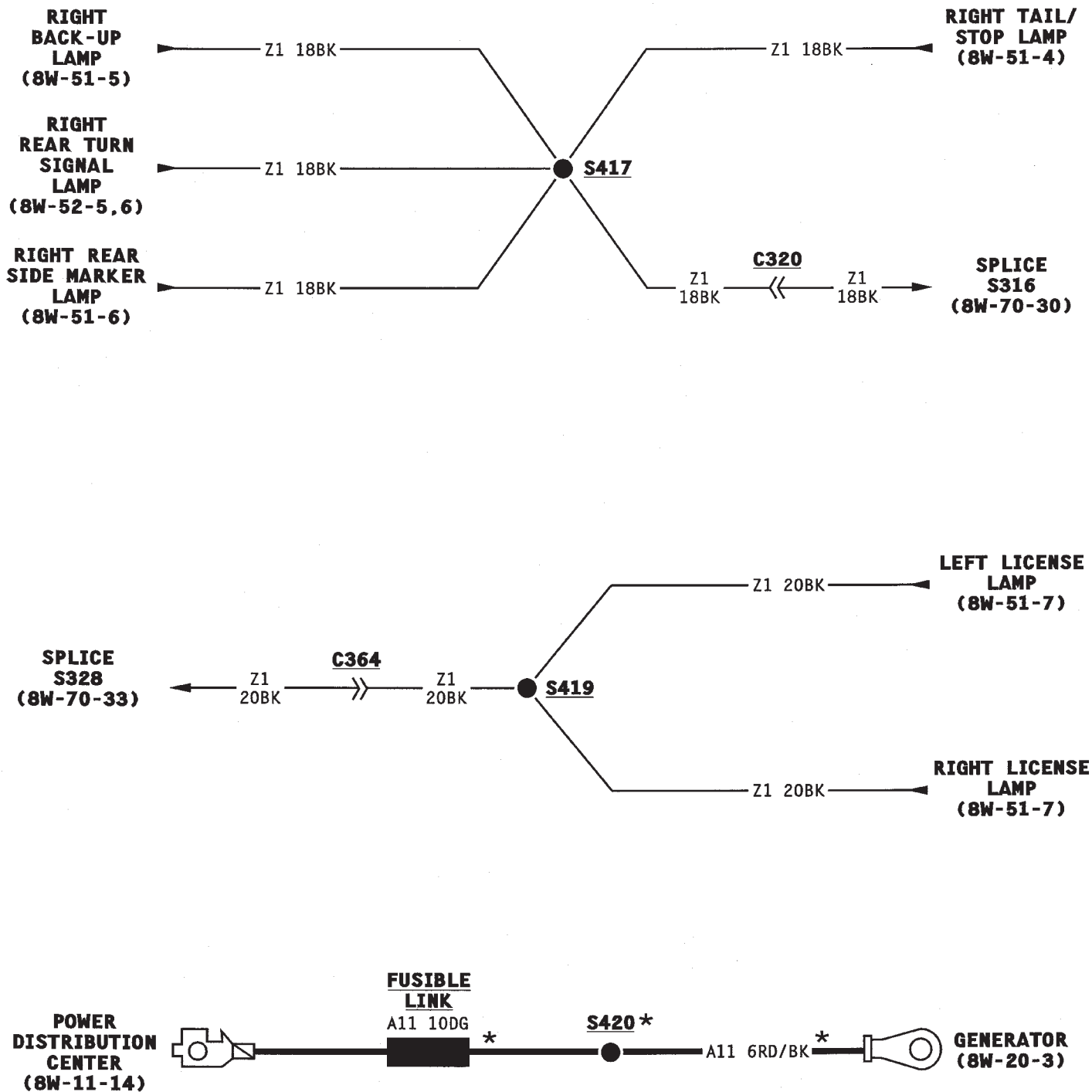
L90 18DB/RD

RIGHT FRONT
PARK LAMP
(8W-50-8)
(8W-52-4)

L90 18DB/RD

RIGHT FRONT
SIDE MARKER
LAMP
(8W-50-8)
(8W-52-4)

1996 Grand Cherokee
 Publication No. 81-370-6147
 TSB 26-02-96 February, 1996



8W-80 CONNECTOR PIN-OUTS

DESCRIPTION AND OPERATION

INTRODUCTION

The pages referenced in this section show the connector, the circuits in the connector, and the pin that circuit occupies. Individual connector numbers are referenced on diagram pages throughout Group 8W.

DIAGRAM INDEX

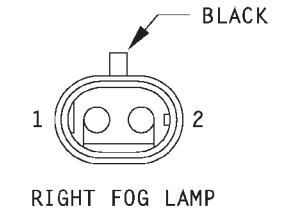
Component	Page	Component	Page
C100	8W-80-5	C152	8W-80-20
C101	8W-80-5	C153	8W-80-20
C102	8W-80-5	C154	8W-80-21
C103	8W-80-5	C155	8W-80-21
C104	8W-80-6	C156	8W-80-21
C105	8W-80-6	C157	8W-80-21
C106	8W-80-6	C158	8W-80-22
C107	8W-80-7	C159	8W-80-22
C108	8W-80-7	C160	8W-80-22
C109	8W-80-7	C161	8W-80-22
C110	8W-80-7	C162	8W-80-23
C111	8W-80-8	C163	8W-80-23
C112	8W-80-8	C164	8W-80-23
C113	8W-80-8	C169	8W-80-24
C114	8W-80-8	C170	8W-80-24
C115	8W-80-9	C171	8W-80-24
C116	8W-80-9	C172	8W-80-24
C119	8W-80-10	C173	8W-80-24
C120	8W-80-10	C175	8W-80-25
C121	8W-80-10	C176	8W-80-25
C122	8W-80-10	C179	8W-80-25
C123	8W-80-10	C181	8W-80-25
C124	8W-80-11	C200	8W-80-26
C125	8W-80-11	C201	8W-80-26
C126	8W-80-11	C202	8W-80-26
C127	8W-80-11	C203	8W-80-27
C128	8W-80-11	C204	8W-80-27
C129	8W-80-12	C205	8W-80-27
C130	8W-80-12	C206	8W-80-28
C131	8W-80-12	C207	8W-80-29
C132	8W-80-12	C208	8W-80-29
C133	8W-80-13	C209	8W-80-29
C134	8W-80-13	C210	8W-80-29
C135	8W-80-13	C211	8W-80-30
C136	8W-80-13	C212	8W-80-30
C137	8W-80-14	C213	8W-80-30
C138	8W-80-14	C214	8W-80-31
C139	8W-80-14	C215	8W-80-31
C140	8W-80-15	C216	8W-80-31
C141	8W-80-16	C217	8W-80-32
C142	8W-80-17	C218	8W-80-32
C143	8W-80-18	C219	8W-80-32
C144	8W-80-18	C220	8W-80-33
C145	8W-80-18	C221	8W-80-33
C146	8W-80-19	C222	8W-80-33
C147	8W-80-19	C223	8W-80-34
C148	8W-80-19	C224	8W-80-34
C149	8W-80-19	C225	8W-80-35
C150	8W-80-20	C226	8W-80-35
C151	8W-80-20	C227	8W-80-36

DIAGRAM INDEX

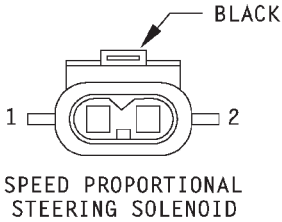
Component	Page	Component	Page
C228	8W-80-36	C323	8W-80-52
C230	8W-80-36	C324	8W-80-53
C231	8W-80-36	C325	8W-80-53
C232	8W-80-37	C326	8W-80-53
C233	8W-80-37	C327	8W-80-53
C234	8W-80-37	C328	8W-80-54
C235	8W-80-38	C329	8W-80-54
C236	8W-80-38	C330	8W-80-54
C237	8W-80-39	C331	8W-80-54
C238	8W-80-39	C332	8W-80-55
C239	8W-80-39	C333	8W-80-55
C240	8W-80-39	C334	8W-80-56
C241	8W-80-40	C335	8W-80-56
C242	8W-80-40	C336	8W-80-56
C243	8W-80-40	C337	8W-80-57
C244	8W-80-41	C338	8W-80-57
C245	8W-80-41	C339	8W-80-57
C246	8W-80-41	C340	8W-80-58
C247	8W-80-42	C341	8W-80-58
C248	8W-80-42	C342	8W-80-58
C249	8W-80-42	C343	8W-80-58
C250	8W-80-42, 43	C344	8W-80-59
C251	8W-80-43	C345	8W-80-59
C252	8W-80-43	C346	8W-80-59
C253	8W-80-43	C347	8W-80-59
C254	8W-80-44	C348	8W-80-59
C256	8W-80-44	C349	8W-80-60
C300	8W-80-44	C350	8W-80-60
C301	8W-80-44	C351	8W-80-60
C302	8W-80-45	C352	8W-80-61
C303	8W-80-45	C353	8W-80-61
C304	8W-80-45	C354	8W-80-61
C305	8W-80-46	C355	8W-80-61
C306	8W-80-46	C356	8W-80-62
C307	8W-80-47	C357	8W-80-62
C308	8W-80-47	C358	8W-80-62
C309	8W-80-47	C359	8W-80-62
C310	8W-80-48	C360	8W-80-62
C311	8W-80-48	C361	8W-80-63
C312	8W-80-48	C362	8W-80-63
C313	8W-80-48	C363	8W-80-63
C314	8W-80-49	C364	8W-80-63
C315	8W-80-49	C365	8W-80-63
C316	8W-80-49, 50	C366	8W-80-64
C317	8W-80-51	C367	8W-80-64
C318	8W-80-51	C368	8W-80-64
C319	8W-80-51	C369	8W-80-64
C320	8W-80-52	C370	8W-80-64
C321	8W-80-52	C371	8W-80-65
C322	8W-80-52	C372	8W-80-65

DIAGRAM INDEX

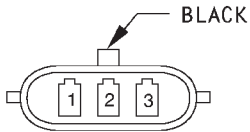
Component	Page	Component	Page
C373	8W-80-65	C427	8W-80-73
C374	8W-80-66	C428	8W-80-73
C375	8W-80-66	C429	8W-80-73
C376	8W-80-66	C431	8W-80-74
C377	8W-80-66	C432	8W-80-74
C378	8W-80-66	C433	8W-80-74
C379	8W-80-67	C434	8W-80-74
C380	8W-80-67	C435	8W-80-75
C381	8W-80-67	C436	8W-80-75
C382	8W-80-67	C437	8W-80-75
C383	8W-80-68	C438	8W-80-75
C384	8W-80-68	C439	8W-80-75
C385	8W-80-68	C440	8W-80-76
C386	8W-80-68	C441	8W-80-76
C387	8W-80-69	C442	8W-80-76
C388	8W-80-69	C443	8W-80-76
C400	8W-80-69	C444	8W-80-77
C401	8W-80-69	C445	8W-80-77
C402	8W-80-70	C446	8W-80-77
C403	8W-80-70	C447	8W-80-78
C405	8W-80-70	C448	8W-80-78
C406	8W-80-70	C449	8W-80-78
C407	8W-80-71	C450	8W-80-79
C408	8W-80-71	C451	8W-80-79
C409	8W-80-71	C452	8W-80-79
C410	8W-80-71	C453	8W-80-80
C412	8W-80-72	C454	8W-80-80
C413	8W-80-72	C455	8W-80-80
C417	8W-80-72	C456	8W-80-81
C424	8W-80-72	C457	8W-80-81
C425	8W-80-73	C458	8W-80-81
C426	8W-80-73	C459	8W-80-81



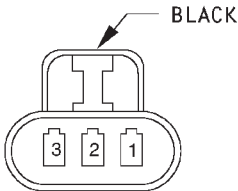
C100		
CAV	CIRCUIT	FUNCTION
1	Z1 18BK	GROUND
2	L39 18LB	FOG LAMP RELAY OUTPUT



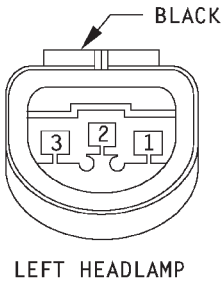
C101		
CAV	CIRCUIT	FUNCTION
1	S98 18LB	SPS SOLENOID CTL HIGH
2	S99 18LG	SPS SOLENOID CTL LOW



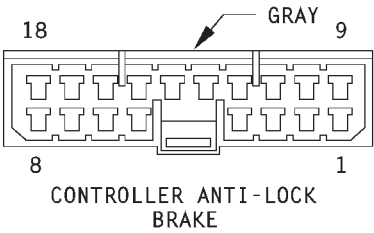
CAV	CIRCUIT
1	L64 18TN/DB
2	L90 18DB/RD
3	Z1 18BK



CAV	CIRCUIT
1	L65 18LG/DB
2	L90 18DB/RD
3	Z1 18BK

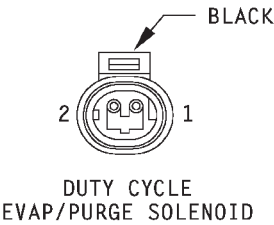


C103		
CAV	CIRCUIT	FUNCTION
1	Z1 16BK	GROUND
2	L4 16VT/OR	DIMMER SWITCH LOW BEAM OUTPUT
3	L3 16RD/OR	DIMMER SWITCH HIGH BEAM OUTPUT



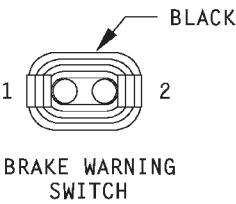
C104

CAV	CIRCUIT	FUNCTION
1	B7 20WT	RIGHT FRONT WHEEL SPEED SENSOR (+)
2	B6 20WT/DB	RIGHT FRONT WHEEL SPEED SENSOR (-)
3	B82 16BR/WT	ABS PUMP MOTOR RELAY OUTPUT
4	B251 18WT/BK	REAR INLET VALVE CONTROL
5	B47 18RD/LB	ABS MAIN RELAY OUTPUT
6	B248 18DG/WT	RIGHT FRONT OUTLET VALVE CONTROL
7	B116 20GY	ABS PUMP MOTOR RELAY CONTROL
8	B243 18DG/BK	LEFT FRONT OUTLET VALVE CONTROL
9	B9 20RD	LEFT FRONT WHEEL SPEED SENSOR (-)
10	B8 20RD/DB	LEFT FRONT WHEEL SPEED SENSOR (+)
11	B58 20GY/LB	ABS MAIN RELAY CONTROL
12	B254 18DG/OR	REAR OUTLET VALVE CONTROL
13	Z2 16BK	GROUND
14	Z2 16BK	GROUND
15	B249 18WT/TN	RIGHT FRONT INLET VALVE CONTROL
16	—	—
17	—	—
18	B245 18WT/LG	LEFT FRONT INLET VALVE CONTROL



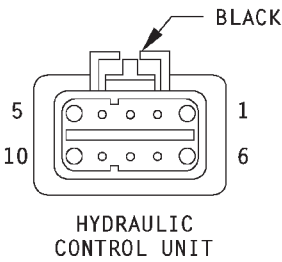
C105

CAV	CIRCUIT	FUNCTION
1	F99 200R	IGNITION SWITCH OUTPUT (START/RUN)
2	K52 20PK/BK	EVAPORATIVE EMISSION SOLENOID CONTROL

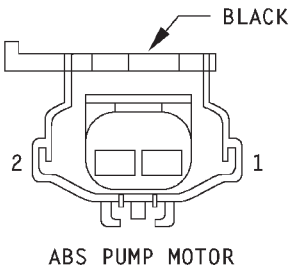


C106

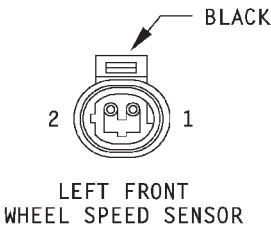
CAV	CIRCUIT	FUNCTION
1	G9 16GY/BK	RED BRAKE WARNING LAMP DRIVER
2	G9 16GY/BK	RED BRAKE WARNING LAMP DRIVER



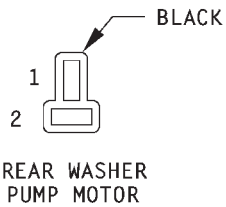
C107		
CAV	CIRCUIT	FUNCTION
1	B47 16RD/LB	ABS WARNING LAMP RELAY CONTROL
2	B251 18WT/BK	REAR INLET VALVE CONTROL
3	B249 18WT/TN	RIGHT FRONT INLET VALVE CONTROL
4	B245 18WT/LG	LEFT FRONT INLET VALVE CONTROL
5	—	—
6	—	—
7	B254 18DG/OR	REAR OUTLET VALVE CONTROL
8	B248 18DG/WT	RIGHT FRONT OUTLET VALVE CONTROL
9	B243 18DG/BK	LEFT FRONT OUTLET VALVE CONTROL
10	B47 16RD/LB	ABS WARNING LAMP RELAY CONTROL



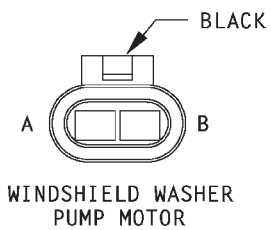
C108		
CAV	CIRCUIT	FUNCTION
1	B82 12BR/WT	ABS MAIN RELAY OUTPUT
2	Z2 12BK	GROUND



C109		
CAV	CIRCUIT	FUNCTION
1	B8 20RD/DB	LEFT FRONT WHEEL SPEED SENSOR (-)
2	B9 20RD	LEFT FRONT WHEEL SPEED SENSOR (+)

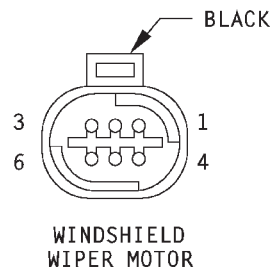


C110		
CAV	CIRCUIT	FUNCTION
1	V20 18WT/BK	REAR WASHER MOTOR CONTROL
2	Z2 18BK	GROUND



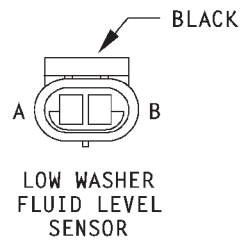
C111

CAV	CIRCUIT	FUNCTION
A	V11 18TN/BK	WASHER SWITCH OUTPUT
B	Z2 18BK	GROUND



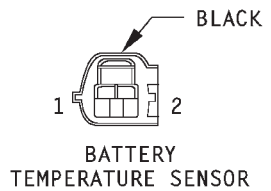
C112

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



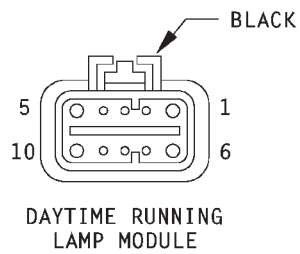
C113

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



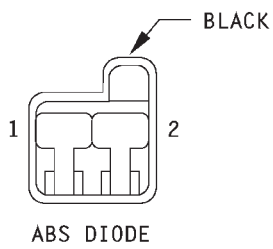
C114

CAV	CIRCUIT	FUNCTION
1	T222 20RD/YL	BATTERY TEMPERATURE SENSE SIGNAL
2	K4 20BK/LB	SENSOR GROUND



C115

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



C116

CAV	CIRCUIT	FUNCTION
1	205 20WT/VT	ABS WARNING LAMP DRIVER
2	B47 16RD/LB	ABS WARNING LAMP RELAY CONTROL