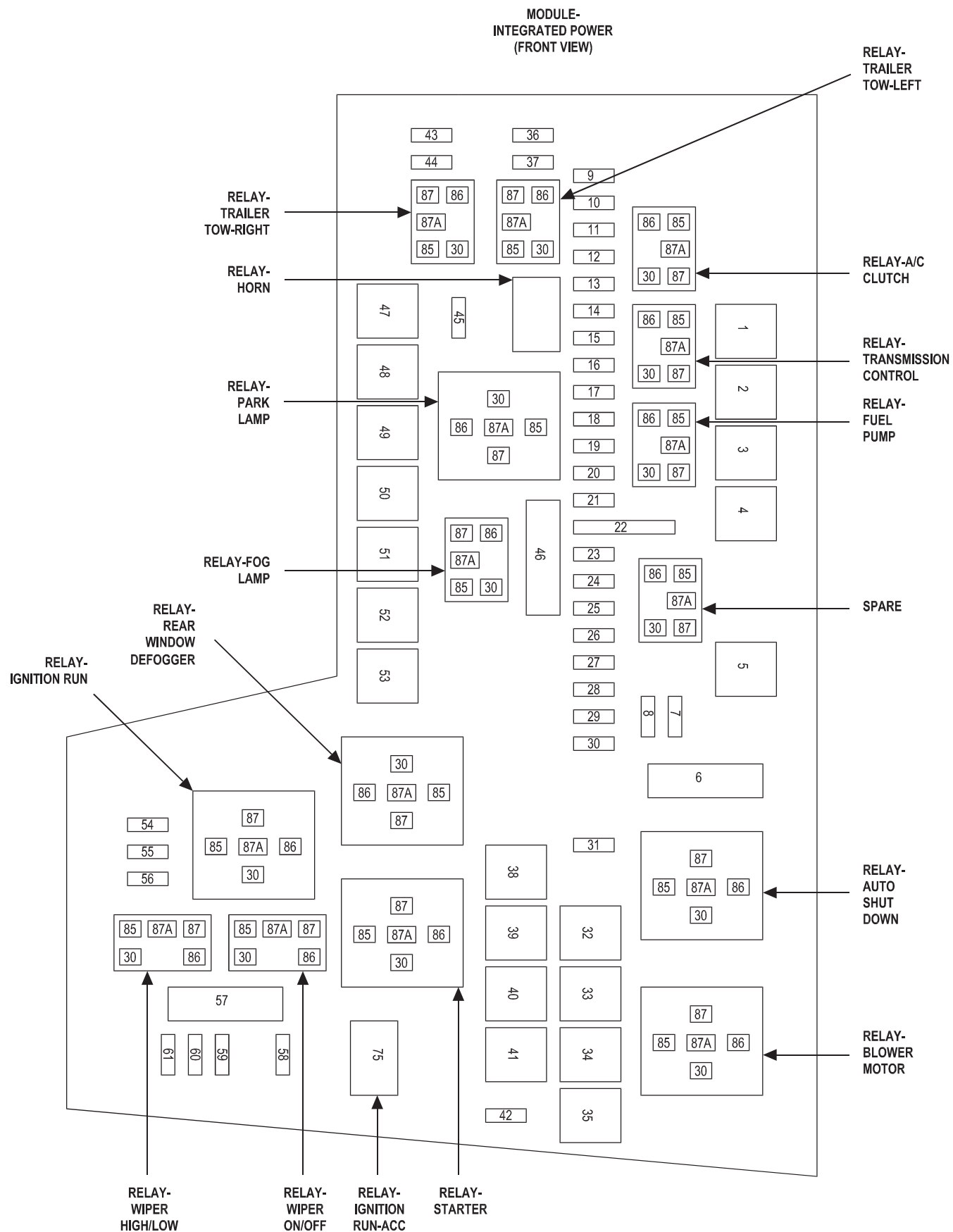


8W-13 INTEGRATED POWER MODULE

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FUSES
(IPM)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
1	-	-	-
2	-	-	-
3	30A	A400 14TN/RD ◆◆◆◆	FUSED B(+)
4	50A	A915 10RD	FUSED B(+)
5	-	-	-
6	20A	A920 18RD/BK	FUSED B(+)
7	10A	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
8	10A	F21 20PK/DG	FUSED IGNITION SWITCH OUTPUT (RUN-START)
9	10A	A956 20RD	FUSED B(+)
10	-	-	-
11	10A	INTERNAL	FUSED B(+)
12	15A	INTERNAL ◆◆◆◆	FUSED B(+)
13	15A	INTERNAL ◆◆◆◆	FUSED B(+)
14	20A	A918 18RD	FUSED B(+)
15	25A	INTERNAL ■■	FUSED B(+)
16	20A	INTERNAL	FUSED B(+)
17	20A	A111 18DG/RD ▼▼	FUSED B(+)
18	20A	INTERNAL	FUSED B(+)
19	15A	A103 20GY/RD	FUSED B(+)
20	20A	A924 18RD	FUSED B(+)
21	25A	A116 16YL/RD	FUSED B(+)
22	20A	F306 18DB/PK ▲▲	FUSED B(+)
22	20A	F984 12PK/YL ▲	FUSED IGNITION SWITCH OUTPUT (RUN-ACC)
23	20A	INTERNAL ○○○○	FUSED B(+)
24	20A	A919 18RD	FUSED B(+)
25	15A	A117 20RD/DG	FUSED B(+) (I.O.D.)
26	20A	INTERNAL	FUSED B(+)
27	10A	A940 18RD	FUSED B(+) -
28	20A	A901 18RD	FUSED B(+)
29	20A	A908	FUSED B(+)
30	-	-	-

▲ I.O.D.
 ▲▲ EXCEPT I.O.D.
 ■■ A/T

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 ○○○○ FOG LAMPS
 ◆◆◆◆ TRAILER TOW

FUSES
(CONTINUED)

FUSE NO.	AMPS	FUSED CIRCUIT	FUNCTION
31	30A	INTERNAL	FUSED B(+)
32	30A	A905	FUSED B(+)
33	30A	INTERNAL	FUSED B(+)
34	30A	A906	FUSED B(+)
35	40A	A927 12RD/OR	FUSED B(+)
36	-	-	-
37	10A	F961 16PK/LB	IGNITION SWITCH OUTPUT (START)
38	-	-	-
39	30A	INTERNAL	FUSED B(+)
40	-	-	-
41	30A	INTERNAL	FUSED B(+)
42	25A	A909	FUSED B(+)
43	10A	L77 20PK/RD	FUSED PARK LAMP RELAY OUTPUT
44	10A	L78 20WT/OR	FUSED PARK LAMP RELAY OUTPUT
45	20A	L76 20PK/RD ◆◆◆◆	FUSED PARK LAMP RELAY OUTPUT
46	10A	F201 20PK/OR	FUSED IGNITION SWITCH OUTPUT (RUN-START)
47	-	-	-
48	20A	A912 16RD	FUSED B(+)
49	30A	A100 12RD/VT ◆◆◆◆	FUSED B(+)
50	40A	A107 12TN/RD	FUSED B(+)
51	40A	INTERNAL	FUSED B(+)
52	-	-	-
53	40A	INTERNAL ▲▲▲	FUSED B(+)
54	-	-	-
55	-	-	-
56	10A	C16 20DB/GY ▲▲▲	FUSED REAR WINDOW DEFOGGER RELAY OUTPUT
57	20A	F100 20PK/VT	FUSED IGNITION SWITCH OUTPUT (RUN)
58	20A	F525 18TN/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
59	10A	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
60	10A	F500 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
61	20A	A907	FUSED IGNITION SWITCH OUTPUT (RUN)

▲▲▲ EBL
◆◆◆◆ TRAILER TOW

RELAYS

RELAY-A/C
CLUTCH

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	C13 20LB/OR	A/C CLUTCH RELAY CONTROL
86	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN-START)
87	C3 20DB/YL	A/C CLUTCH RELAY OUTPUT
87A	-	-

RELAY-AUTO
SHUT
DOWN

CAVITY	CIRCUIT	FUNCTION
A	A955	ASD RELAY OUTPUT
B	INTERNAL	FUSED B(+)
C	-	-
D	K51 20BR/GY	ASD RELAY CONTROL
E	INTERNAL	FUSED B(+)

RELAY-FOG
LAMP

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	L139	FOG LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	L89 18WT/YL	FOG LAMP RELAY OUTPUT
87A	-	-

RELAY-FUEL
PUMP

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	K31 20BR	FUEL PUMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	N1 18DB/OR	FUEL PUMP RELAY OUTPUT
87A	-	-

RELAYS
(CONTINUED)

RELAY-
HORN

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	X4	HORN RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	X2 18DG/OR	HORN RELAY OUTPUT
87A	-	-

RELAY-
PARK
LAMP

CAVITY	CIRCUIT	FUNCTION
A	INTERNAL	FUSED B(+)
B	INTERNAL	FUSED B(+)
C	Z385	GROUND
D	L779	PARK LAMP RELAY CONTROL
E	INTERNAL	PARK LAMP RELAY OUTPUT

RELAY-
RUN/START

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	IGNITION SWITCH OUTPUT (RUN-START)
86	INTERNAL	FUSED B(+)
87	F941 18PK/LG	RUN/START RELAY OUTPUT
87A	-	-

RELAY-
REAR
WINDOW
DEFOGGER

CAVITY	CIRCUIT	FUNCTION
A	C15 12DB/WT	REAR WINDOW DEFOGGER RELAY OUTPUT
B	F504 20GY/PK	FUSED IGNITION SWITCH OUTPUT (RUN)
C	-	-
D	C115	DEFOGGER RELAY CONTROL
E	INTERNAL	FUSED B(+)

**RELAYS
(CONTINUED)**

**RELAY-
STARTER**

CAVITY	CIRCUIT	FUNCTION
A	T750 14YL/GY	STARTER RELAY OUTPUT
B	INTERNAL	FUSED IGNITION SWITCH OUTPUT (RUN)
C	-	-
D	T752 20DG/OR	STARTER RELAY CONTROL
E	INTERNAL	FUSED B(+)

**RELAY-
TRAILER
TOW-LEFT**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	LEFT TRAILER TOW BRAKE LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	L673 20YL	LEFT TRAILER TOW BRAKE LAMP RELAY OUTPUT
87A	-	-

**RELAY-
TRAILER
TOW-RIGHT**

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	INTERNAL	RIGHT TRAILER TOW BRAKE LAMP RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	L674 20LG	RIGHT TRAILER TOW BRAKE LAMP RELAY OUTPUT
87A	-	-

RELAYS
(CONTINUED)

RELAY-
TRANSMISSION
CONTROL

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	FUSED B(+)
85	Z915 20BK	GROUND
86	T15 20YL/BK	TRANSMISSION CONTROL
87	T16 20YL/OR	TRANSMISSION CONTROL OUTPUT
87A	-	-

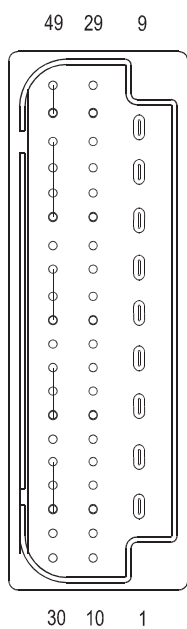
RELAY-
WIPER
HIGH/LOW

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	-
85	INTERNAL	WIPER HIGH/LOW RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	W4 14BR/OR	WIPER HIGH/LOW RELAY HIGH SPEED OUTPUT
87A	W3 14BR/WT	WIPER HIGH/LOW RELAY LOW SPEED OUTPUT

RELAY-
WIPER
ON/OFF

CAVITY	CIRCUIT	FUNCTION
30	INTERNAL	-
85	INTERNAL	WIPER ON/OFF RELAY CONTROL
86	INTERNAL	FUSED B(+)
87	INTERNAL	FUSED B(+)
87A	Z904 14BK	GROUND

MODULE- FRONT CONTROL IPM



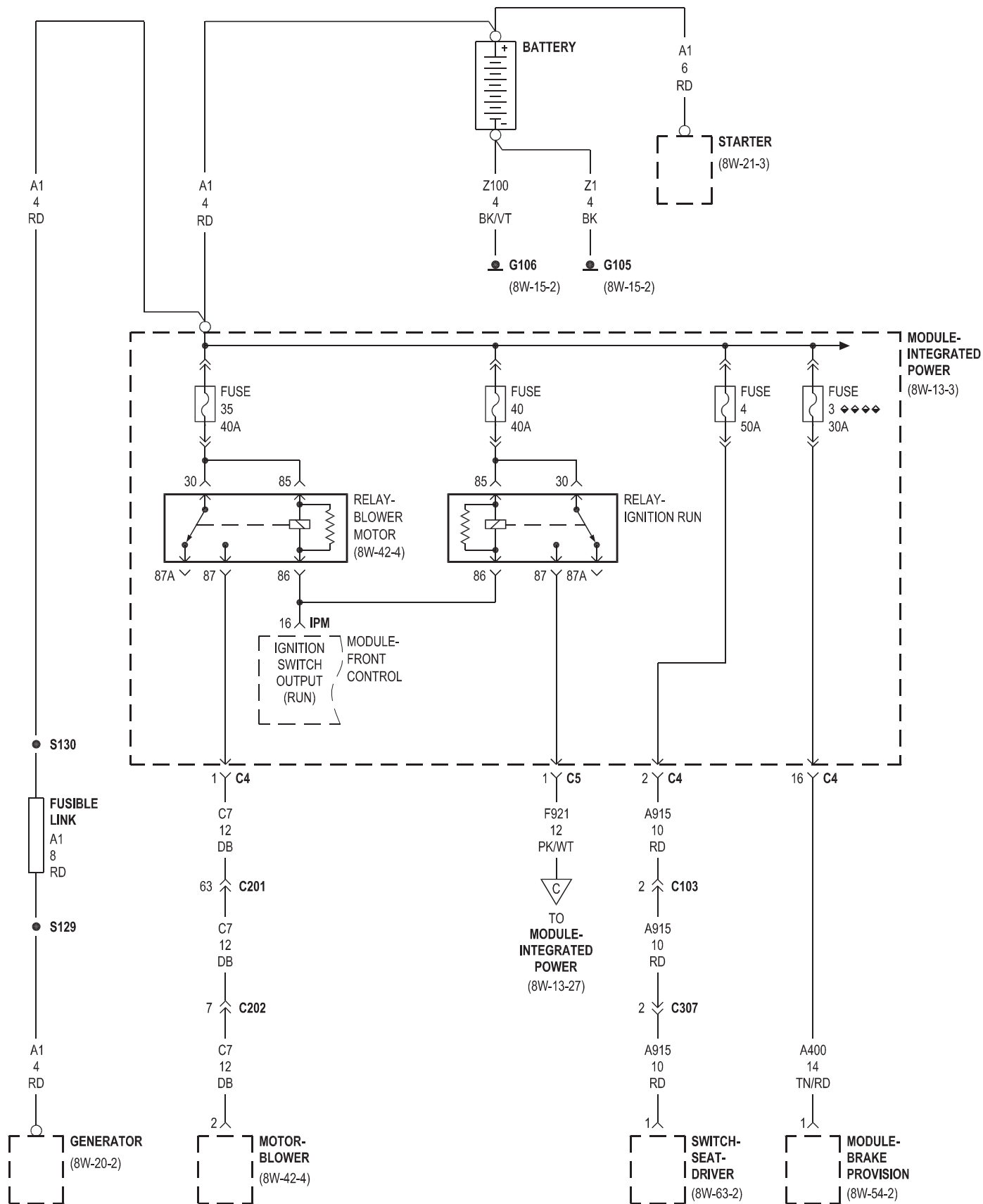
CAVITY	CIRCUIT	FUNCTION
1	Z921	GROUND
2	A908	FUSED B(+)
3	A906	FUSED B(+)
4	A905	FUSED B(+)
5	A907	FUSED B(+)
6	A909	FUSED B(+)
7	L1	BACKUP LAMP FEED
8	T315	SHIFT MOTOR CONTROL A
9	T316	SHIFT MOTOR CONTROL B
10	C115	DEFOGGER RELAY CONTROL
11	-	-
12	W10 ▲ ▲ ▲	FRONT WASHER PUMP MOTOR CONTROL
13	-	-
14	-	-
15	A920	FUSED B(+)
16	F901	IGNITION SWITCH OUTPUT (RUN)
17	F202	FUSED IGNITION SWITCH OUTPUT (RUN-START)
18	Z118	GROUND
19	Z909	GROUND
20	-	-
21	L656 ◆◆◆◆	RIGHT TRAILER TOW BRAKE LAMP RELAY CONTROL
22	L655 ◆◆◆◆	LEFT TRAILER TOW BRAKE LAMP RELAY CONTROL
23	-	-
24	Z909	GROUND
25	Z118	GROUND
26	L139	FOG LAMP RELAY CONTROL

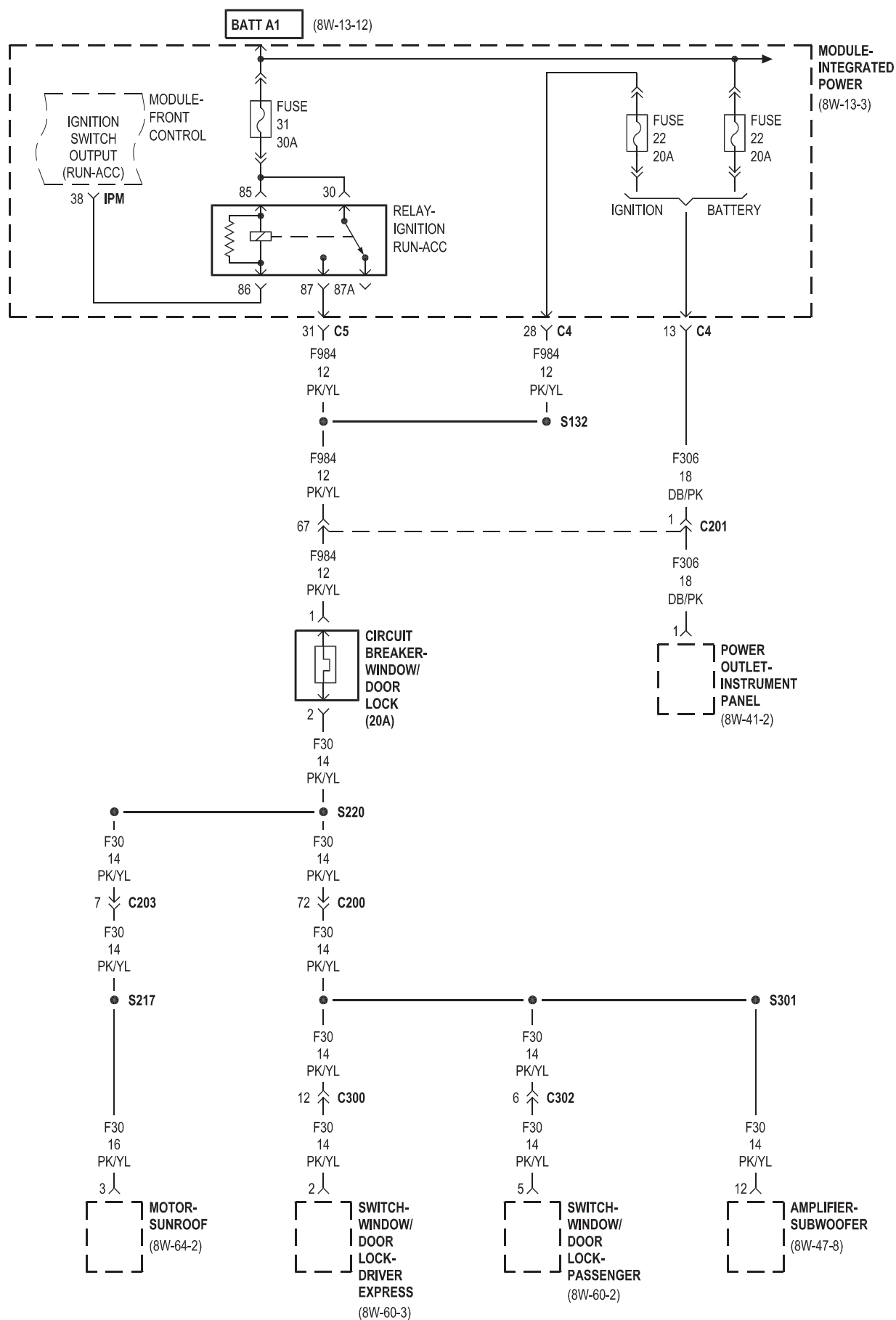
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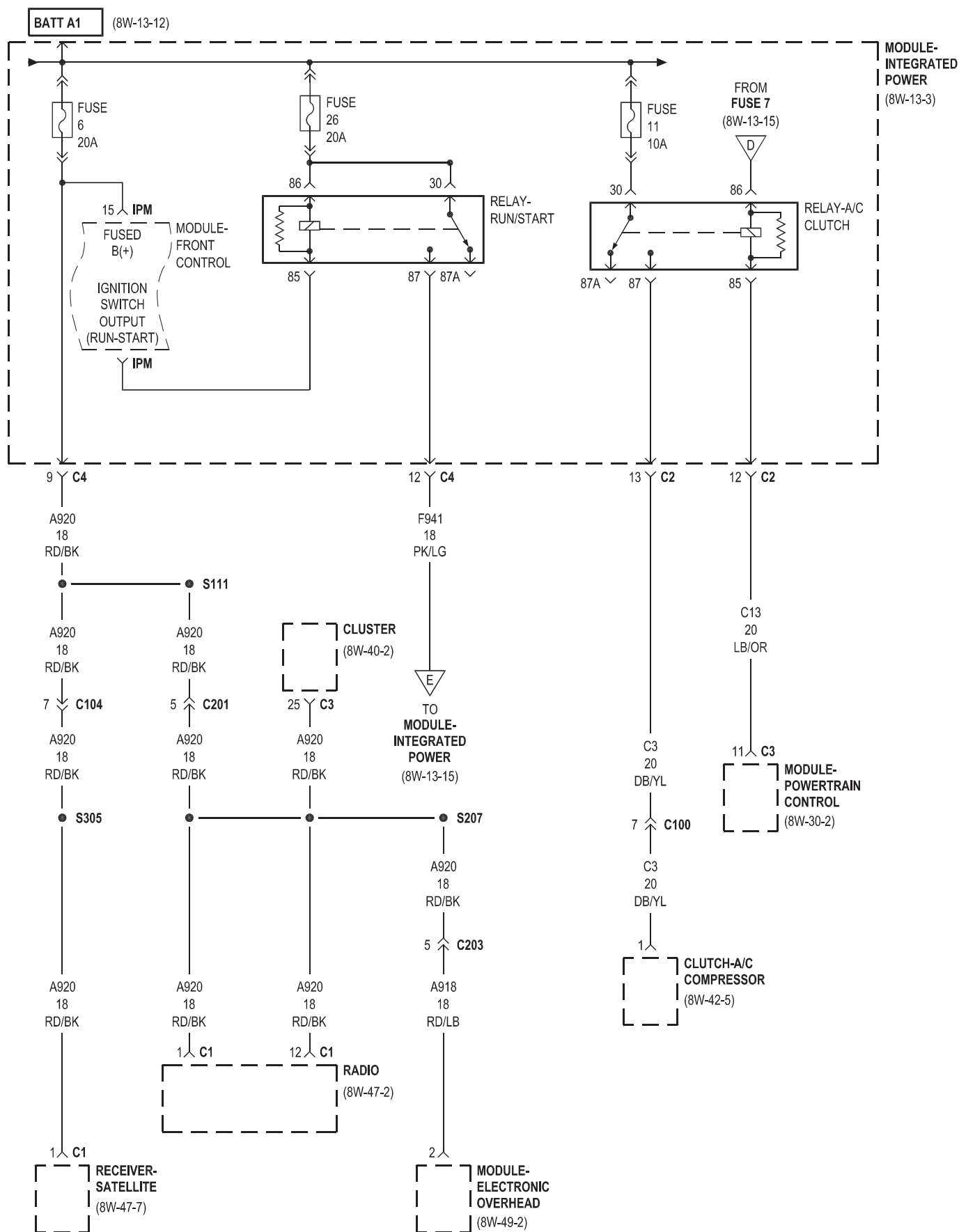
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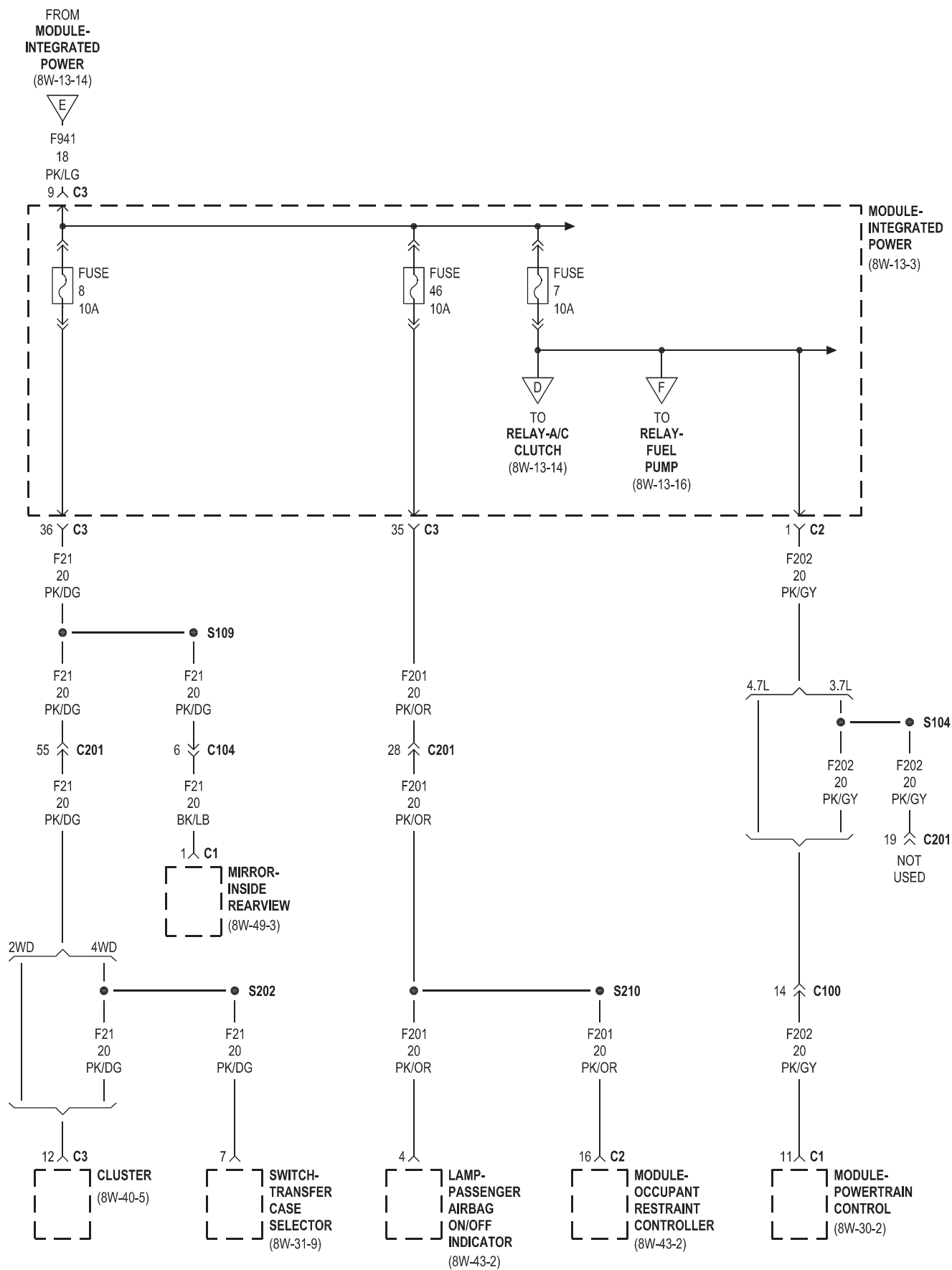
MODULE-FRONT CONTROL IPM
(CONTINUED)

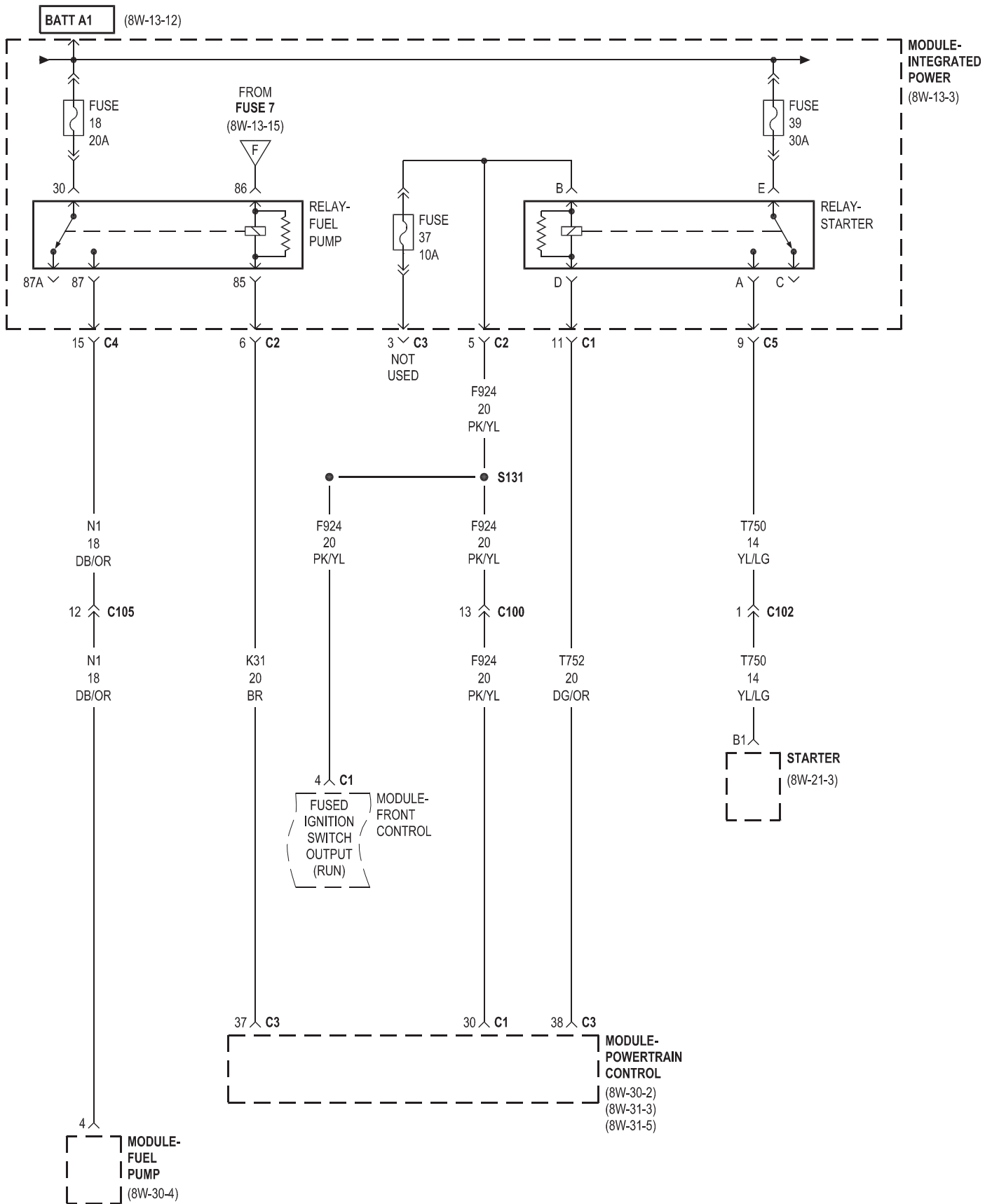
CAVITY	CIRCUIT	FUNCTION
27	W5	WIPER ON/OFF RELAY CONTROL
28	-	-
29	W2	WIPER HIGH/LOW RELAY CONTROL
30	A955	ASD RELAY OUTPUT
31	W7	WIPER PARK SWITCH SENSE
32	Z909	GROUND
33	Z118	GROUND
34	L62	RIGHT REAR TURN SIGNAL CONTROL
35	G180	FCM SENSOR RETURN
36	-	-
37	-	-
38	-	-
39	-	-
40	T2	LOW/REVERSE SOLENOID CONTROL
41	Z118	GROUND
42	-	-
43	L63	LEFT REAR TURN SIGNAL CONTROL
44	-	-
45	T313	TRANSFER CASE MOTOR LOCK SIGNAL
46	-	-
47	X4	HORN RELAY CONTROL
48	L779	PARK LAMP RELAY CONTROL
49	-	-

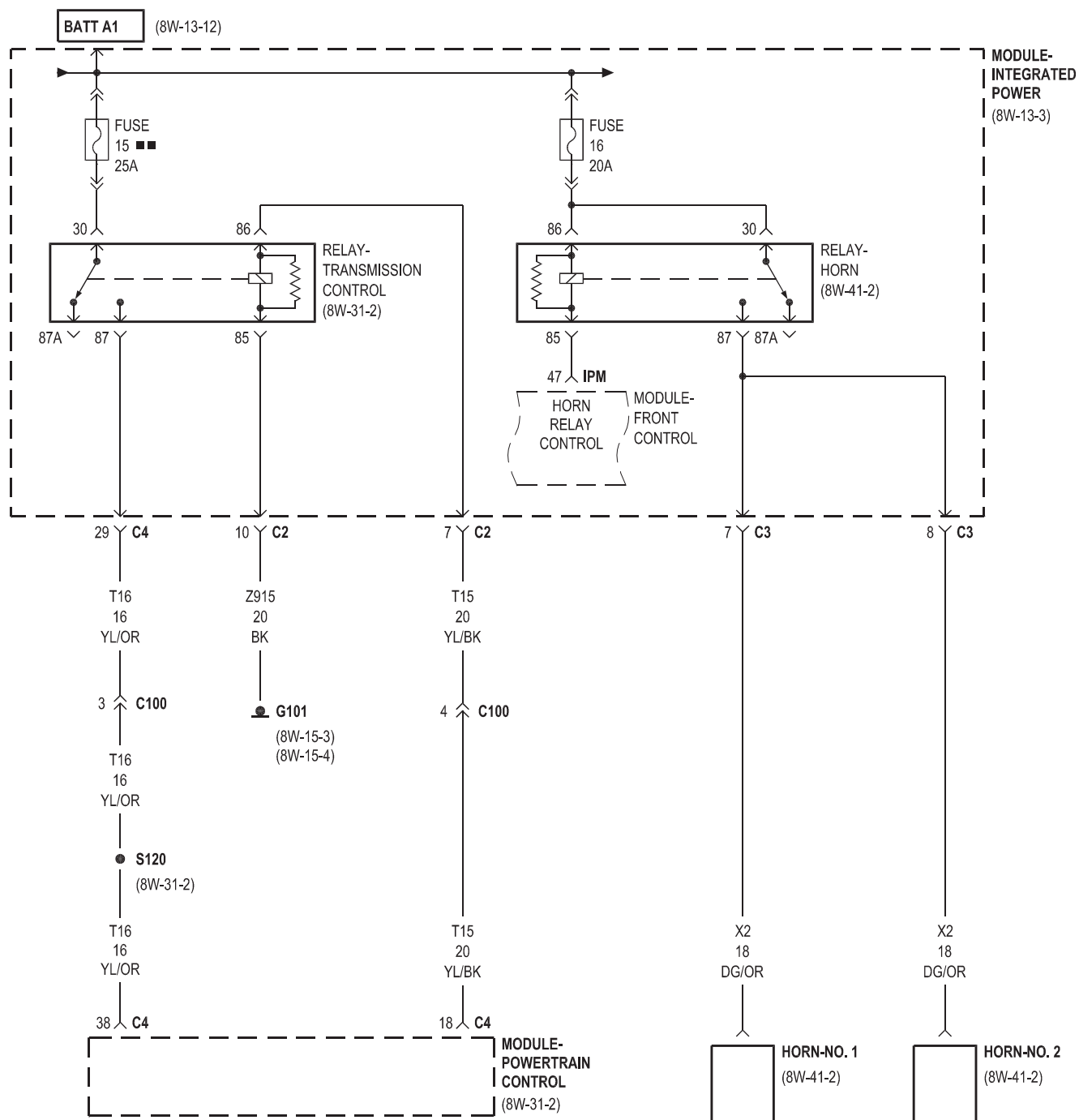


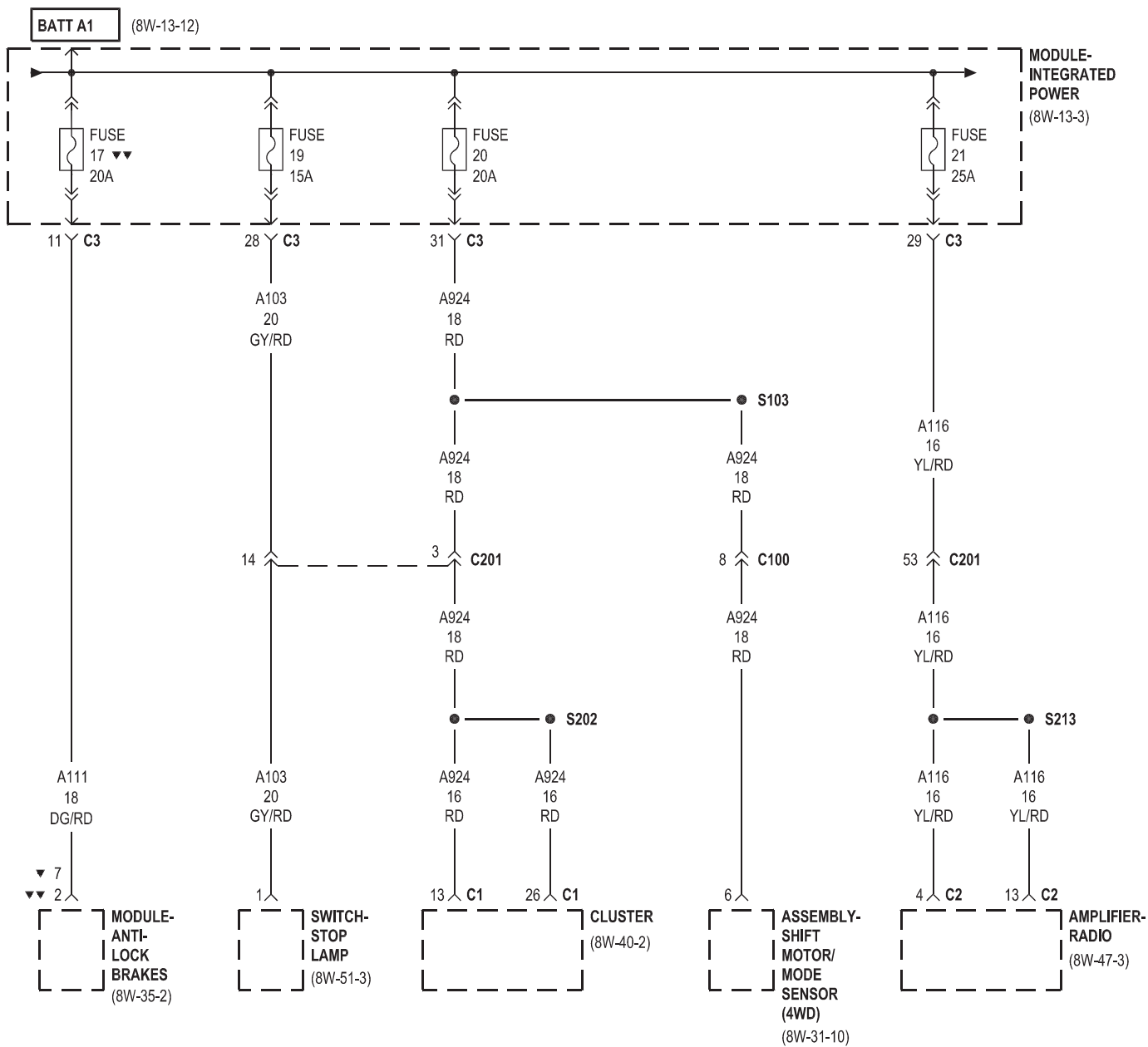




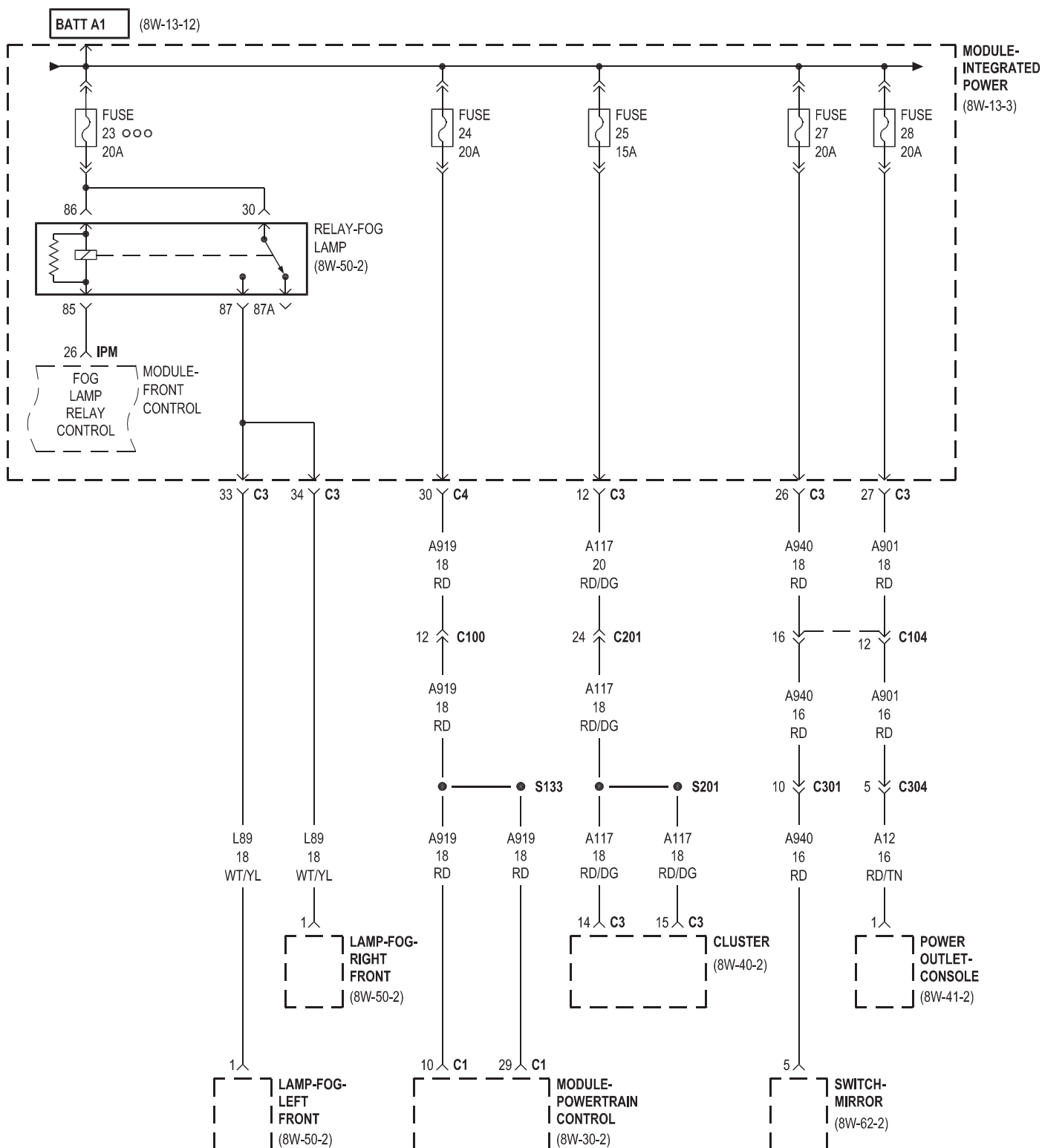


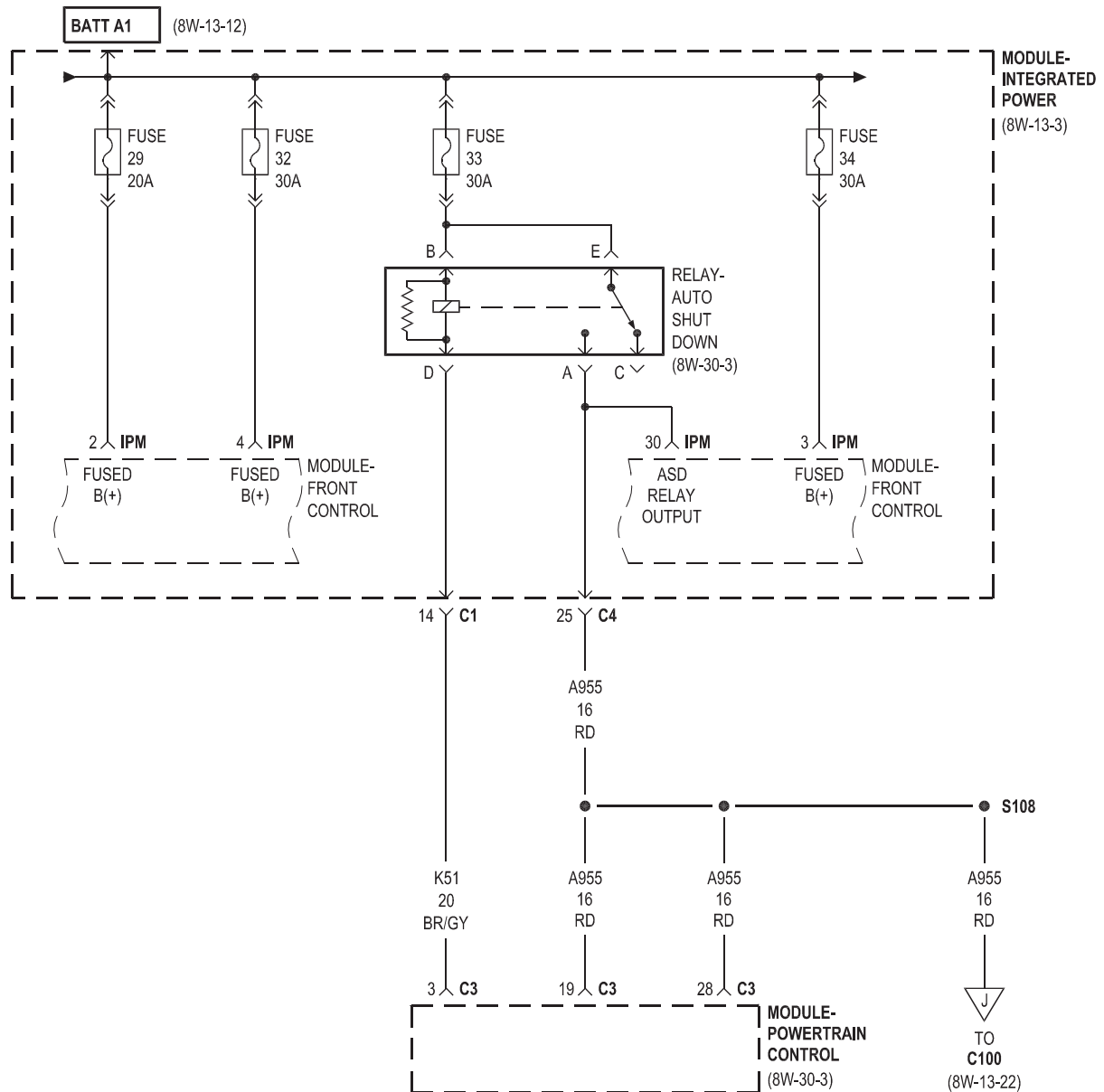


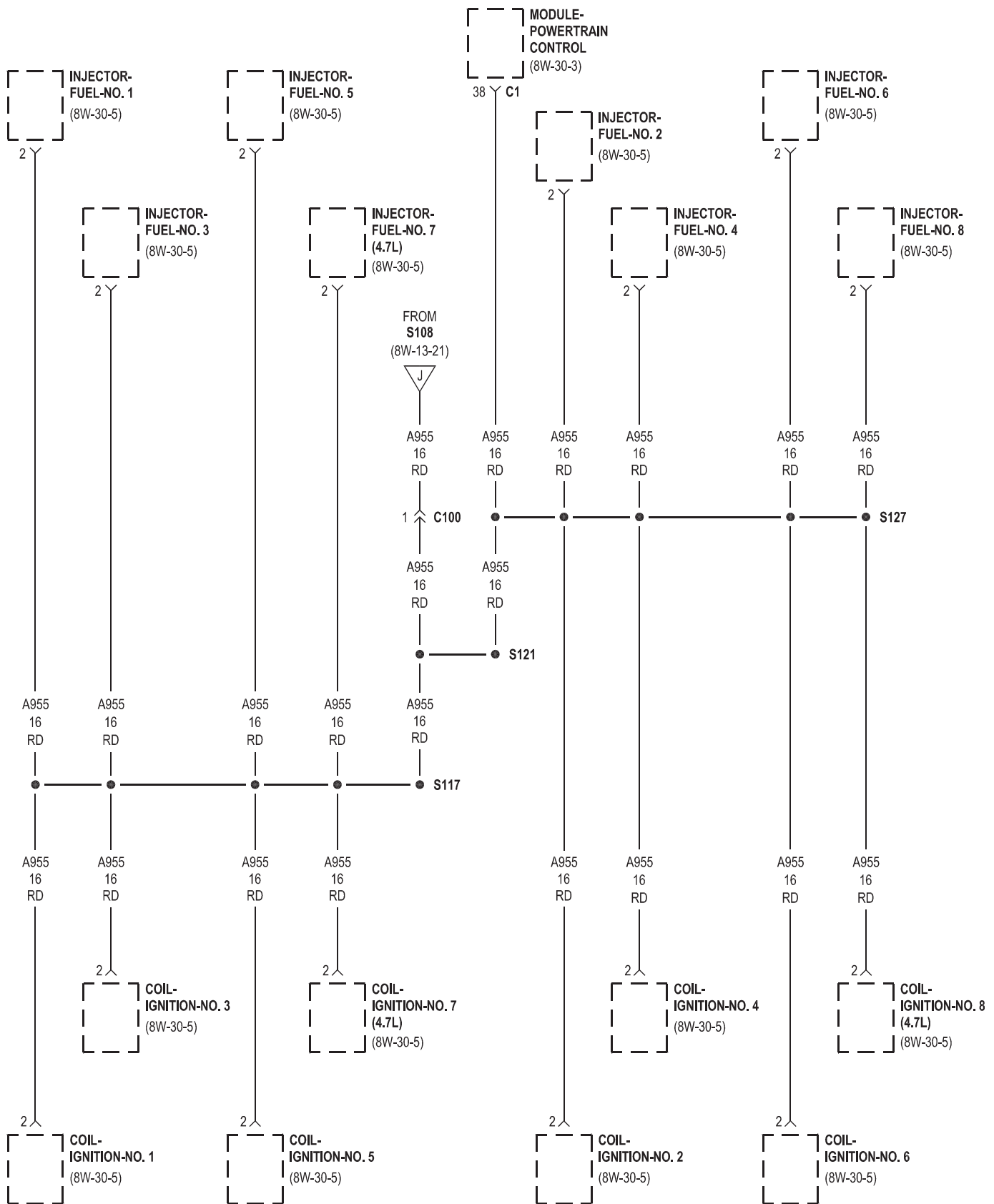


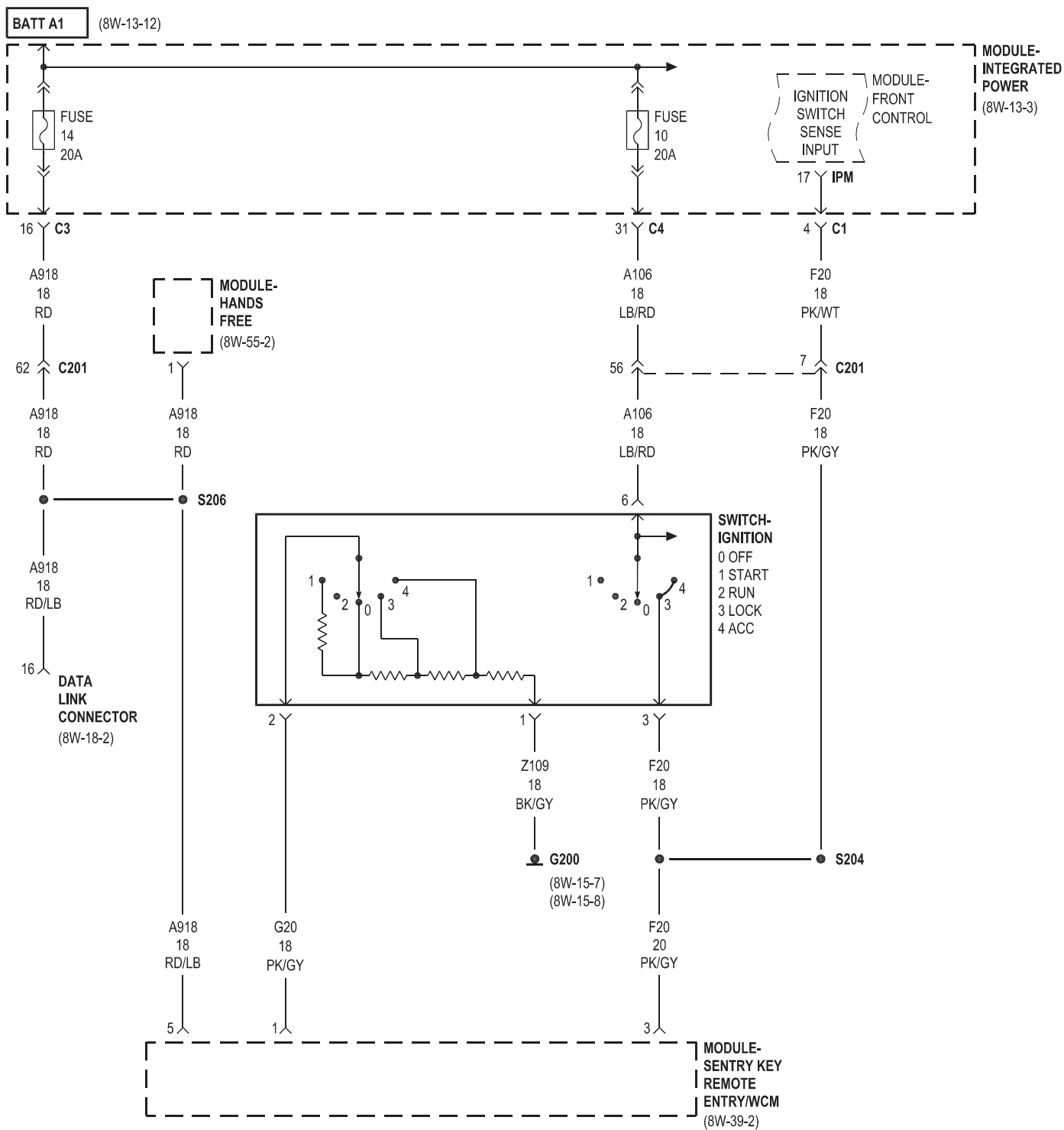


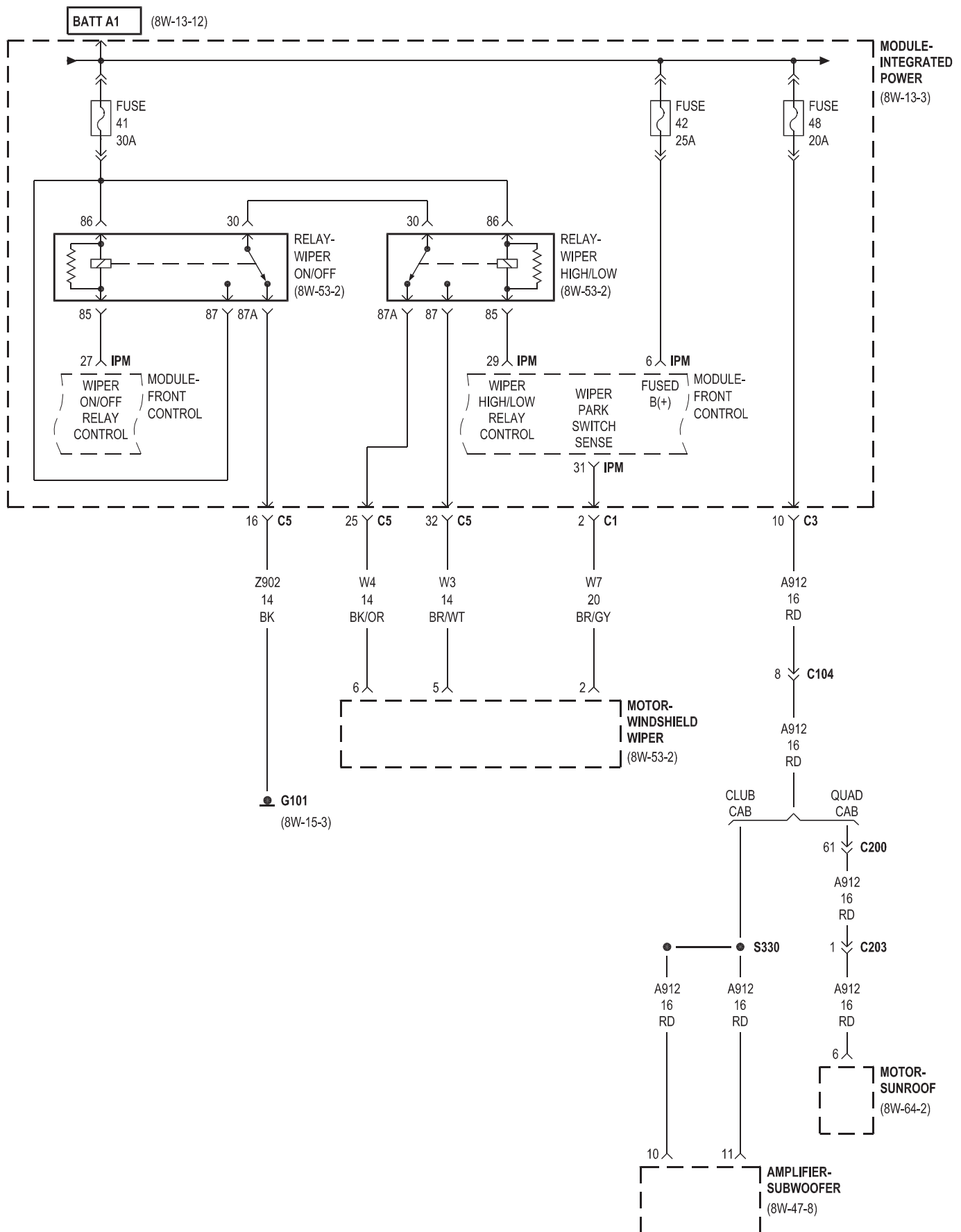
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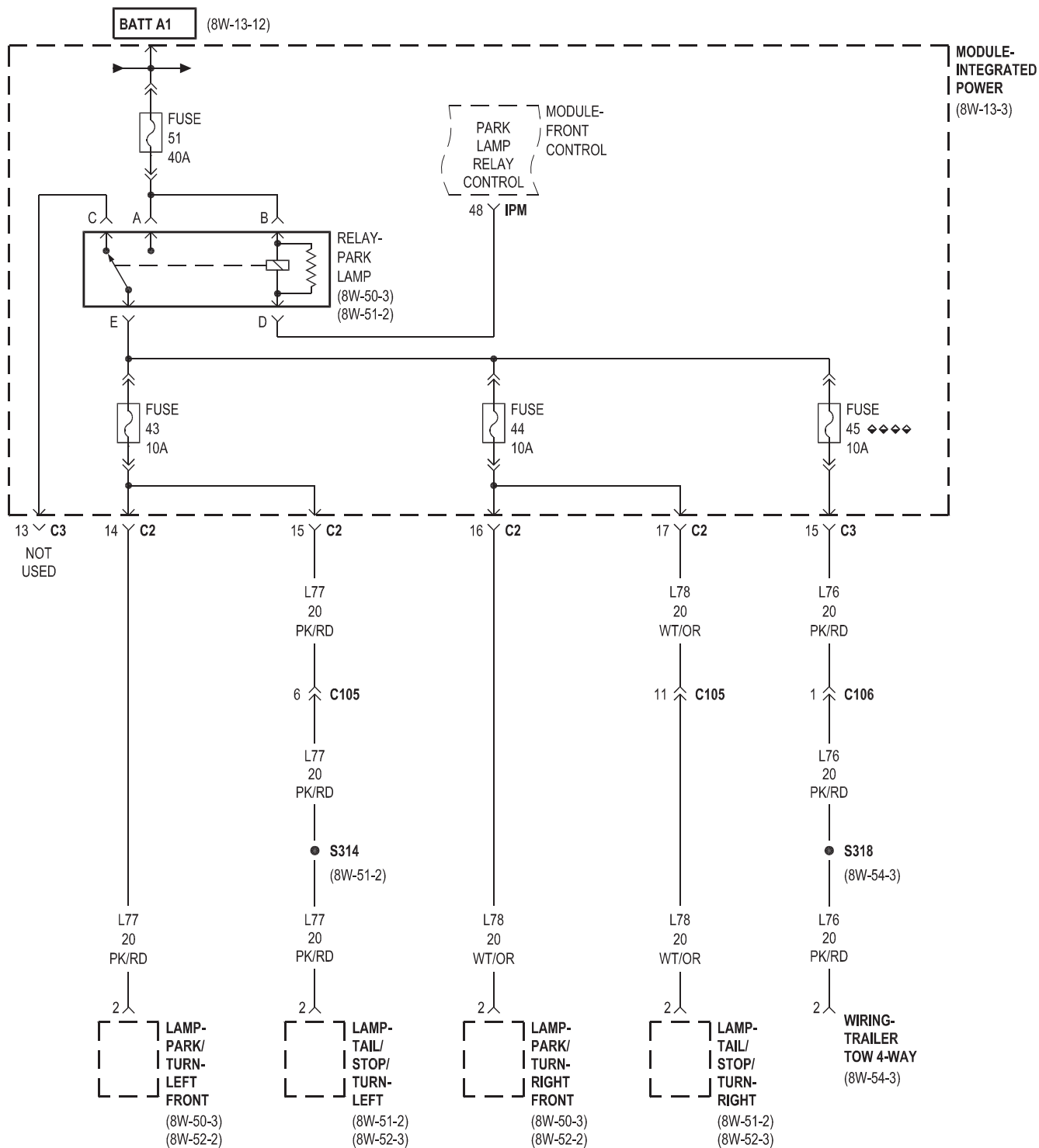


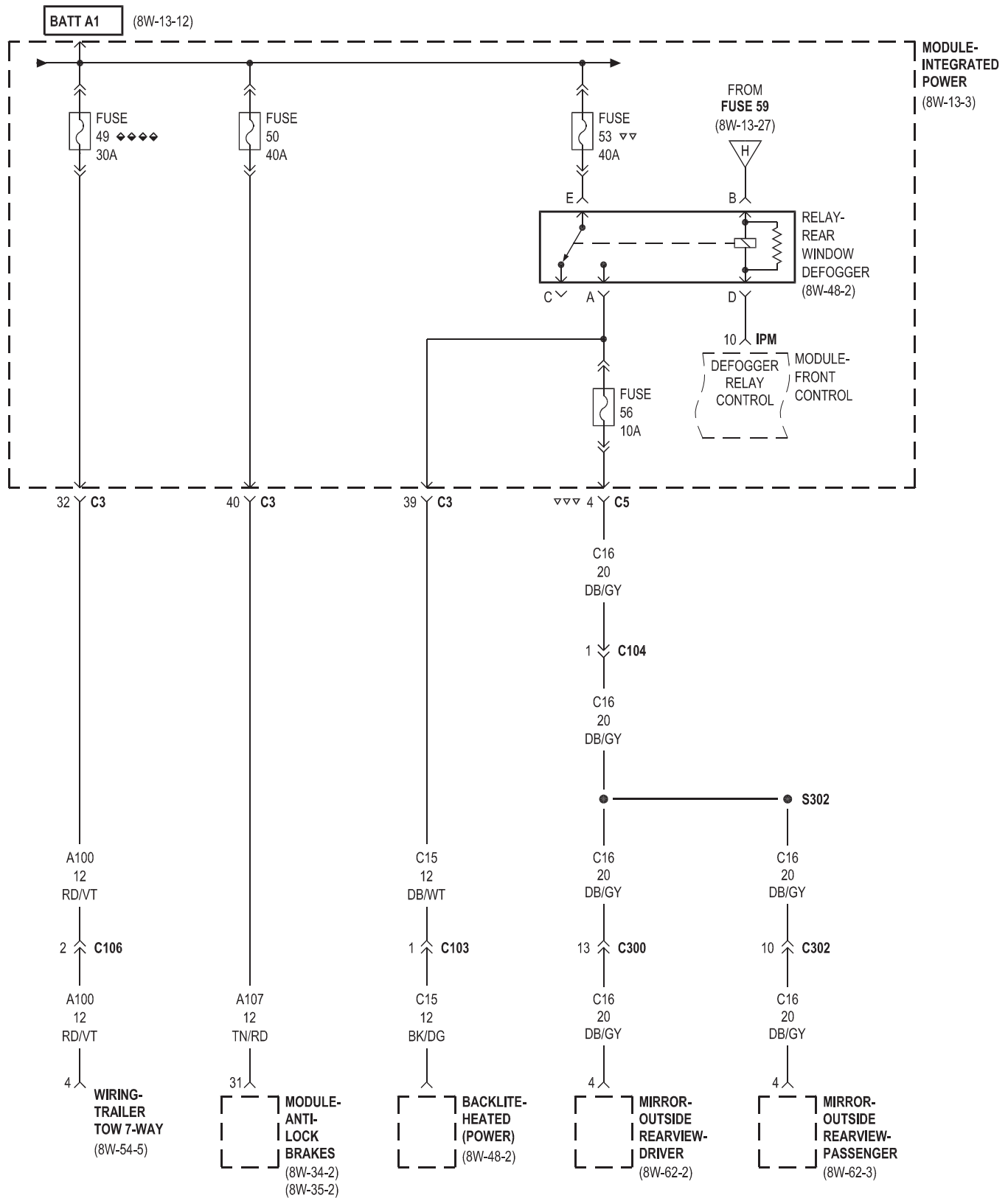












▼▼ EXCEPT BASE
 ▼▼▼ PREMIUM
 ◆◆◆◆ TRAILER TOW

