

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

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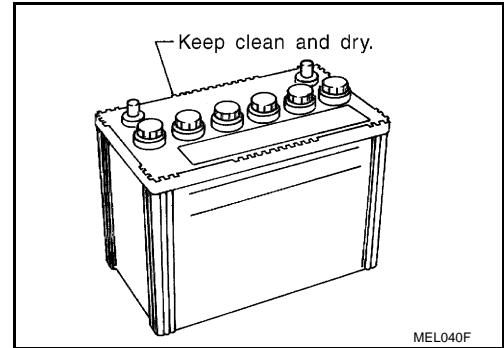
CAUTION:

- If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.
- After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.
- Never add distilled water through the hole used to check specific gravity.

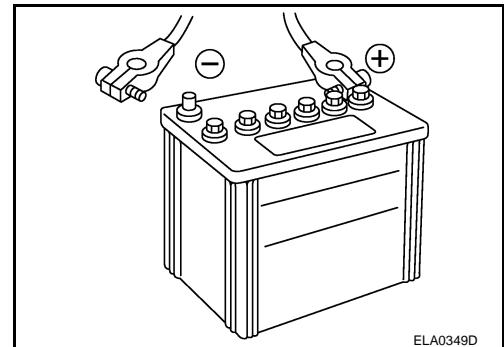
METHODS OF PREVENTING OVER-DISCHARGE

The following precautions must be taken to prevent over-discharging a battery.

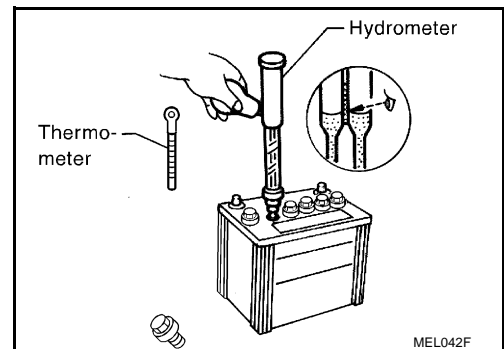
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



- When the vehicle is not going to be used over a long period of time, disconnect the battery cable from the negative terminal. (If the vehicle has an extended storage switch, turn it off.)



- Check the charge condition of the battery. Periodically check the specific gravity of the electrolyte. Keep a close check on charge condition to prevent over-discharge.



CHECKING ELECTROLYTE LEVEL

WARNING:

Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.

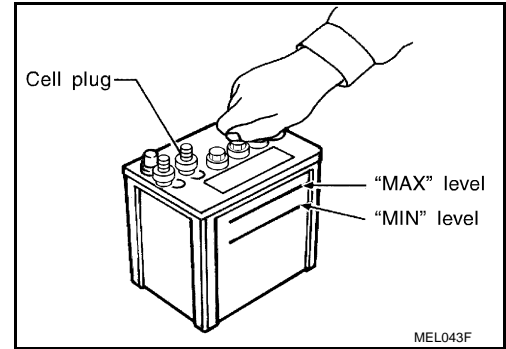
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

- Remove the cell plug using a suitable tool.
- Add distilled water up to the MAX level.

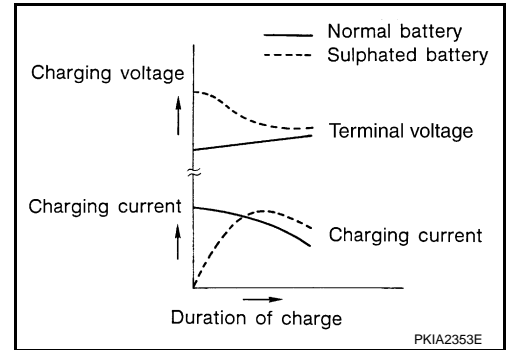


Sulphation

A battery will be completely discharged if it is left unattended for a long time and the specific gravity will become less than 1.100. This may result in sulphation on the cell plates.

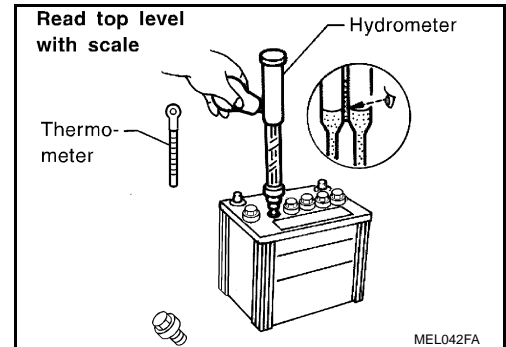
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

A sulphated battery may sometimes be brought back into service by means of a long, slow charge, 12 hours or more, followed by a battery capacity test.



SPECIFIC GRAVITY CHECK

1. Read hydrometer and thermometer indications at eye level.
2. Use the chart below to correct your hydrometer reading according to electrolyte temperature.



Hydrometer Temperature Correction

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
71 (160)	0.032
66 (150)	0.028
60 (140)	0.024
54 (130)	0.020
49 (120)	0.016
43 (110)	0.012
38 (100)	0.008
32 (90)	0.004
27 (80)	0
21 (70)	-0.004
16 (60)	-0.008
10 (50)	-0.012
4 (40)	-0.016
-1 (30)	-0.020
-7 (20)	-0.024

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
-12 (10)	-0.028
-18 (0)	-0.032

Corrected specific gravity	Approximate charge condition
1.260 - 1.280	Fully charged
1.230 - 1.250	3/4 charged
1.200 - 1.220	1/2 charged
1.170 - 1.190	1/4 charged
1.140 - 1.160	Almost discharged
1.110 - 1.130	Completely discharged

CHARGING THE BATTERY

CAUTION:

- Never “quick charge” a fully discharged battery.
- Keep the battery away from open flame while it is being charged.
- When connecting the charger, connect the leads first, then turn on the charger. Never turn on the charger first, as this may cause a spark.
- If battery electrolyte temperature rises above 55 °C (131 °F), stop charging. Always charge battery at a temperature below 55 °C (131 °F).

Charging Rates

Amps	Time
50	1 hour
25	2 hours
10	5 hours
5	10 hours

Do not charge at more than 50 ampere rate.

NOTE:

The ammeter reading on your battery charger will automatically decrease as the battery charges. This indicates that the voltage of the battery is increasing normally as the state of charge improves. The charging amps indicated above refer to initial charge rate.

- If, after charging, the specific gravity of any two cells varies more than 0.050, the battery should be replaced.

Work Flow

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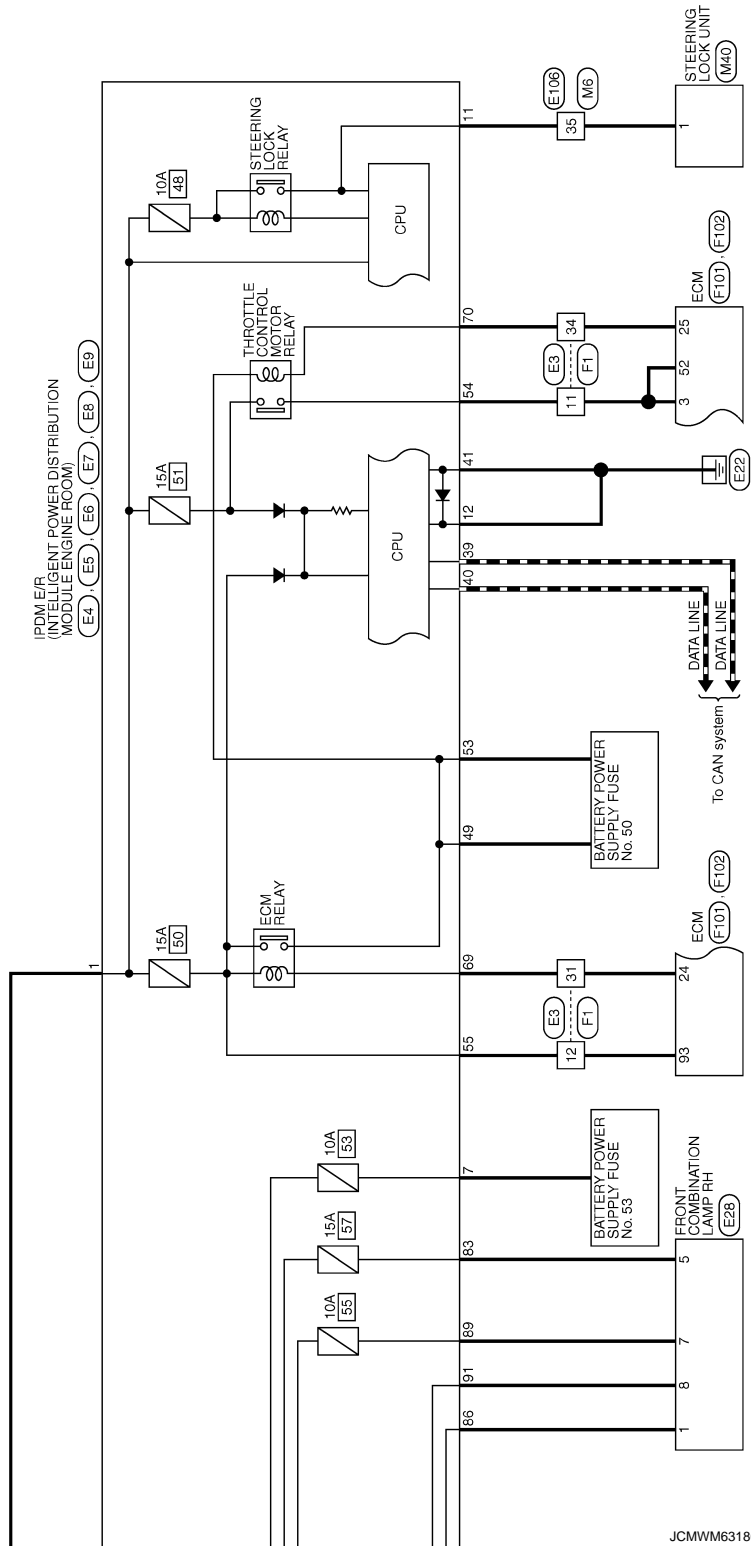
TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

For battery testing, use Battery Service Center (J-48087). For details and operating instructions, refer to Technical Service Bulletin and/or Battery Service Center User Guide.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



JCMWM6318G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



7	6	5	4	3	2	1
16	15	14	13	12	11	10
9	8					

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	V	-
4	LG	-
5	EG	-
6	P	-
7	B	-
11	LG	-
12	EG	-
13	GR	-
14	R	-
15	G	-
16	W	-

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



5	4	3	2	1
10	9	8	7	6

Terminal No.	Color of Wire	Signal Name [Specification]
4G	R	-
5G	LG	-
6G	G	-
10G	P	-
11G	G	-
12G	Y	-

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	M06FW-LC



3	2	1
6	5	4

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	GR	-
4	LG	-
5	BR	-
6	EG	-

Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SGA12FBR-SJ42



5	4	3	2	1
10	9	8	7	6
15	14	13	12	11

Terminal No.	Color of Wire	Signal Name [Specification]
41	B	SOUND SIGNAL DOOR WOOFER LH (+)
42	W	SOUND SIGNAL DOOR WOOFER LH (-)
45	G	SOUND SIGNAL DOOR WOOFER RH (+)
46	R	SOUND SIGNAL DOOR WOOFER RH (-)
47	B	GND
49	P	SOUND SIGNAL REAR WOOFER LH (-)
50	Y	BATTERY
51	GR	BATTERY
52	B	GND
54	L	SOUND SIGNAL REAR WOOFER LH (+)

Connector No.	B81
Connector Name	HYDRAULIC UNIT
Connector Type	L02FBR-MC



7	8
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Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	B	-

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FBR-MC



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	-

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FBR-MC



3	4
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Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
4	R	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E3
Wire to Wire	
Connector Name	SA38MB FSS-SHZ8
Connector Type	

1	2	3	4	5	6	7	8	9	10	11	12
15	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	
2	SHIELD	
3	L/B	
4	SHIELD	
5	BR	
7	G	
8	W	
9	W	
10	Y	
11	P	
12	SB	
13	BR	
14	G	
15	R	
16	LG	
17	P	
18	Y	
19	BG	
20	B	
21	SB	
22	W	
23	L	
24	G	
25	Y	
27	GR	
28	V	
29	P	
30	R	
31	BR	
32	Y	
33	G	
34	BG	
37	SHIELD	
38	L	
39	P	
40	R	
41	W	
42	LG	

43	G	
46	SHIELD	
47	W	
48	BR	
49	G	
50	B	
51	SB	
52	R	

Connector No.	E4
Connector Name	L02FB-MC
Connector Type	

1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L	

Connector No.	E5
Connector Name	TH2DFW-CS12-M4-1V
Connector Type	

5	13	11	12	13	14
2	4	1	16	17	18
15	22	23	24	25	26
31	32	33	34	35	36
41	42	43	44	45	46



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	
5	L	
7	R	
11	BR	
12	B/W	
13	Y	
16	LG	
19	W	
25	G	
26	R	

27	BG	
28	L	
30	GR	
32	V	
33	P	
36	G	

Connector No.	E6
Connector Name	TH08FW-AH
Connector Type	

42	41	40	39
46	45	44	43



Terminal No.	Color of Wire	Signal Name [Specification]
39	P	
40	L	
41	B/W	
42	Y	
43	SB	
44	LG	
45	G	
46	W	

Connector No.	E7
Connector Name	TH2DFW-CS12-M4
Connector Type	

15	14	13	12	11	10
17	16	15	14	13	12
18	17	16	15	14	13
19	18	17	16	15	14
20	19	18	17	16	15



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	
49	BG	
51	Y	
53	W	
54	P	
55	SB	

56	LG	
57	G	
58	GR	
59	BR	
70	BG	
73	P	
74	G	
75	SB	
76	Y	
77	R	
80	W	

Connector No.	E8
Connector Name	IP0M E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS308FW-CS



85	84	83
90	89	88
87	86	

Terminal No.	Color of Wire	Signal Name [Specification]
83	R	
84	P	
86	W	
87	L	
88	G	
89	BR	
90	LG	

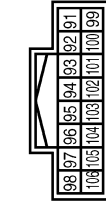
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E9
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE PLUG REAR
Connector Type	TH167V-NH



Terminal No.	Color of Wire	Signal Name [Specification]
91	P	-
92	BG	-
97	V	-
104	LG	-

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	24381 7960A



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	SB	-
3	Y	-

Connector No.	E16
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	24347 9F300



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	Y	-
3	W	-
5	R	-

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347 9F300



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	Y	-
5	R	-

Connector No.	E18
Connector Name	HORN RELAY 2
Connector Type	M03FW-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	Y	-
3	G	-

Connector No.	E20
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M03FER-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	G	-
5	BR	-
6	L	-
7	BG	-

Connector No.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS08FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
3	B	-
4	B/W	-
5	R	-
6	LG	-
7	BR	-
8	P	-

Connector No.	E41
Connector Name	MPS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	EAA42FB-AH24-LH



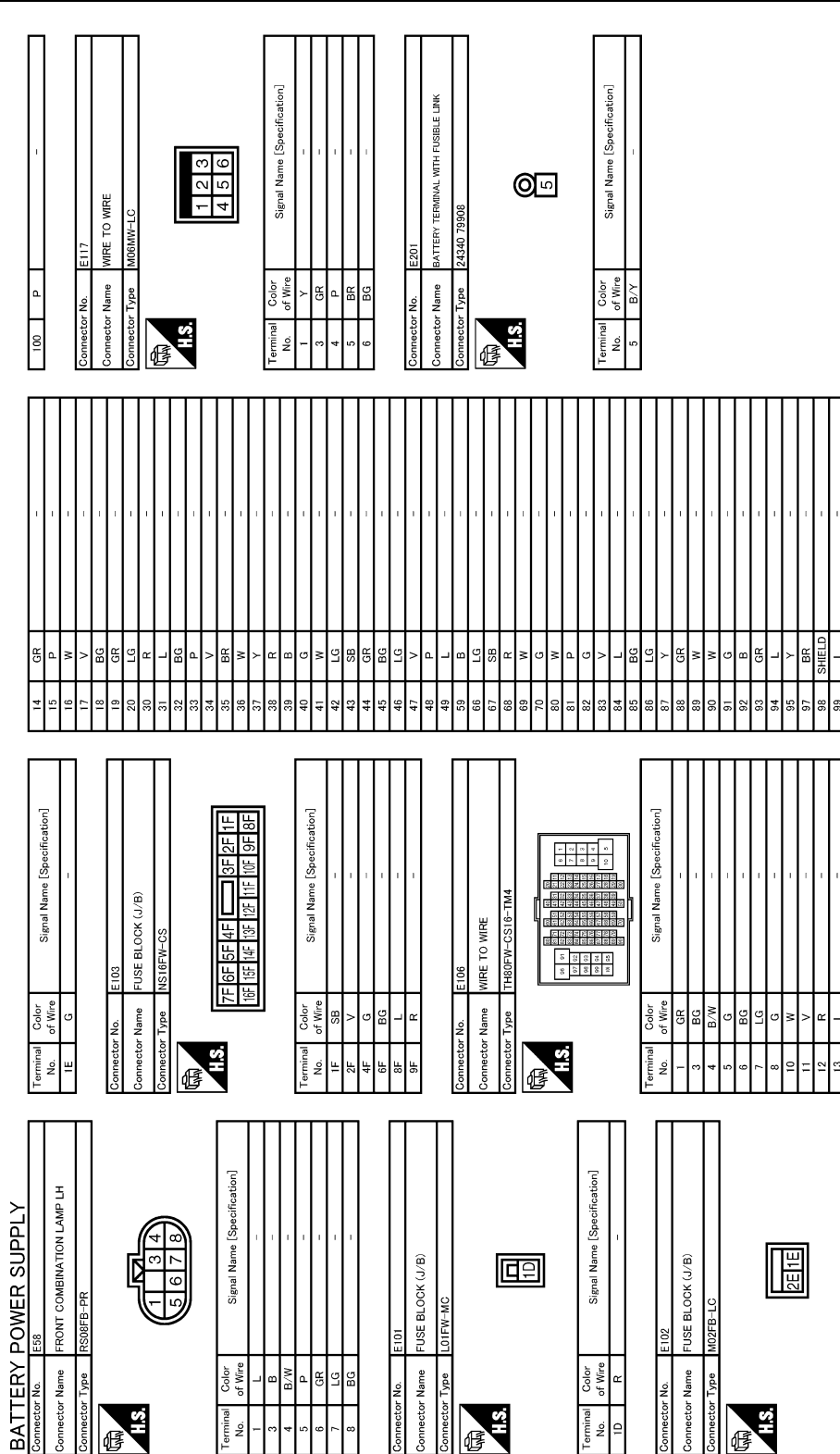
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	L	UBMR
3	R	UBVR
4	B	GND
5	Y	DS-FL
6	BG	DP-RL
7	BR	DP-RR
9	B	DP-PR
10	W	DS-PR
11	V	DIAG-K
14	P	CAN-L
25	Y	BUS-L
26	LG	DP-FL
27	GR	DS-RL
28	G	UZ
29	P	DS-RR
30	SB	BLS
31	R	VDC OFF SWITCH
35	L	CAN-H
45	B	BUS-H

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >



POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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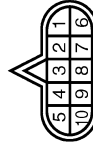
43	R	-
46	SHIELD	-
47	W/L	-
48	LG	-
49	O/L	-
50	L/Y	-
51	W	-
52	L/G	-

Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	HS03FB



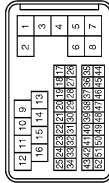
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	L
2	V	S
3	Y	C
4	Y	C

Connector No.	F51
Connector Name	A-T ASSEMBLY
Connector Type	RK10FG-DGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	R	-
3	L	-
4	V	-
5	B	-
6	Y	-
7	R	-
8	P	-
9	GR	-

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA438FB-RS8-SH23



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	BR	-
7	G	-
8	W	-
9	W	-
10	G	-
11	R	-
12	P	-
13	L	-
14	LG	-
15	R	-
16	Y	-
17	W	-
18	LG	-
19	P	-
20	O	-
21	BR	-
22	G	-
23	Y	-
24	LG	-
25	V	-
27	GR	-
28	BR	-
29	L	-
30	R	-
31	P	-
32	W	-
33	SB	-
34	O	-
37	B	-
38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-

BATTERY POWER SUPPLY

Connector No.	E202
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340-79905



Terminal No.	Color of Wire	Signal Name [Specification]
6	B/GR	-

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	24340-65F45



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/GR	B

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	24348-51E61



Terminal No.	Color of Wire	Signal Name [Specification]
2	B/Y	-

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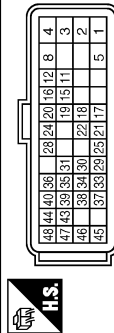
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

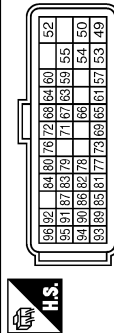
BATTERY POWER SUPPLY

Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	AFH 1/O2HF 1
2	G	MOTOR 1-B1
3	R	VMOT 1-B1
4	BR	MOTOR 2-B1
5	W	AFH 2/O2HF 2
8	B	GND
11	GR	IGN#4
12	L	IGN#3
15	V	IGN#5
16	G	IGN#2
17	P	O2HR 1
18	W	CVTCH1
19	SB	IGN#6
20	Y	IGN#1
21	GR	EVAP
22	R	FPR
24	P	SSOFF
25	O	MOTRLY 1-B1
28	BR	ABORT
29	G	CVTQ#2
30	Y	TPS 1-B1
31	R	TPS 1-B2
32	SB	O2#2 2
34	B	TPS 2-B1
35	W	TPS 2-B2
36	O	GND/INTPRES/MVPRES
37	W	POS
38	O	INTPRES 1
39	P	MVPRES
40	R	GND/TPS-B1
43	G	AVCC-TPS-B2
44	L	AVCC-TPS-B1
45	LG	AVCC 2/INTPRES/MVPRES
46	R	AVCC 2-POS
47	Y	GND-POS
48	B	GND/TPS-B2

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FER-R28-L-LH-Z



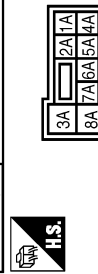
Terminal No.	Color of Wire	Signal Name [Specification]
49	GR	MOTOR 2-B2
50	V	MOTOR 1-B2
52	R	VMOT 1-B2
53	W	IGNSW
54	Y	ENG CAN-L1
55	LG	ENG CAN-H1
57	L	AF-1/O2SF 1
59	O	PHASE#1
60	G	AVCC-PHS 1-E-PHS 1/PS
61	R	AF-1
63	L	PHASE#2
64	SB	AVCC-PHS 2-PHS 2/OU
65	LG	AF-2/O2SF 2
66	V	AF-2
67	P	TA1
68	LG	GND/OA 1/TA 1
69	W	KNK 2
71	Y	TW
72	SHIELD	GND/KNK
73	W	KNK 1
76	W	O2SR 1
77	SB	O2A1
78	G	TO1
79	BR	O2A2
80	O	O2SR 2
81	R	INJ#3
82	V	INJ#6
84	B	GND/O2S-TW-TO
85	BR	INJ#2
86	W	INJ#5
87	Y	PSPRES
89	GR	INJ#1
90	O	INJ#4
91	SB	CURSEN
92	G	GND/PHASE#2
93	P	BATT
94	Y	GND/OA 2/TA 2
95	G	GND/CURSEN

Connector No.	36
Connector Name	P
Connector Type	GND/PHASE#1/PS



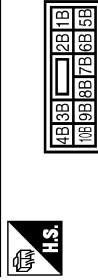
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VIGN
2	B	BATT
3	R	CAN-H
4	O	K-LINE
5	G	GND
6	GR	REV LAMP RLY
7	L	CAN-L
8	BR	STARTER RLY
9	Y	GND
10	W/B	GND

Connector No.	MI
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	-
6A	Y	-
7A	GR	-
8A	L	-

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	P	-
4B	G	-
5B	RG	-
6B	Y	-
7B	P	-
8B	R	-
9B	SB	-

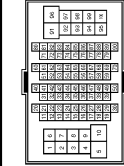
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

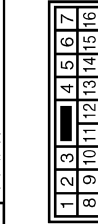
Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	
3	R	
4	G	
5	G	
6	BR	
7	BR	
8	Y	
10	W	
11	GR	
12	R	
13	L	
14	G	
15	P	
16	W	
17	BR	
18	V	
19	BG	
20	L	
30	R	
31	L	
32	Y	
33	GR	
34	P	
35	BR	
36	BR	
37	Y	
38	LG	
39	SB	
40	G	
41	W	
42	LG	
43	P	
44	GR	
44	R	- [With A/T]
45	BG	- [With M/T]
46	G	
47	P	
48	P	

49	L	
59	B	
66	Y	
67	G	
68	R	
69	W	
70	G	
80	SB	
81	R	
82	V	
83	W	
84	L	
85	BG	
86	G	
87	V	
88	B	
89	SB	
90	G	
91	W	
92	B	
93	G	
94	L	
95	BR	
97	P	
98	SHIELD	
99	V	
100	SB	

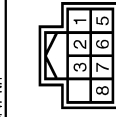
Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	W	
3	BR	
4	SB	
5	Y	
6	LG	
7	B	
11	L	
12	P	

13	R	
14	R	
15	G	
18	W	

Connector No.	M40
Connector Name	STEERING LOCK UNIT
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	S/L 12V (MECHANICAL)
2	Y	S/L (K LINE)
3	L	S/L CONDITION 1
5	B	GND
6	B	GND
7	W	S/L 12V (CPU)
8	SB	S/L CONDITION 2

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	LG	COMMUNICATION SIGNAL (METER->AMP.)
3	GR	COMMUNICATION SIGNAL (AMP->METER)
5	B	GROUND
6	W	ALTERNATOR SIGNAL
7	LG	AIR BAG SIGNAL
10	R	SECURITY SIGNAL
15	B	GROUND
16	B	METER CONTROL SWITCH GROUND

18	GR	ILL GND
19	B	ILL GND
20	R	ILL
21	R	IGNITION SIGNAL
22	B	GROUND
24	SB	COMMUNICATION SIGNAL (LCP->AMP.)
25	B	COMMUNICATION SIGNAL (AMP->LCD)
26	R	VEHICLE SPEED SIGNAL (P-PULSE)
27	V	PARKING BRAKE SWITCH SIGNAL
28	SB	BRAKE FLUID LEVEL SWITCH SIGNAL
29	L	SEAT BELT BUCKLE SW SIGNAL (DRIVER SIDE)
30	G	SEAT BELT BUCKLE SWITCH SIGNAL (PASSENGER SIDE)
31	L	WASHER LEVEL SWITCH SIGNAL
33	R	ILLUMINATION CONTROL SIGNAL
36	LG	SELECT SWITCH SIGNAL
37	SB	ENTER SWITCH SIGNAL
38	L	TRIP A/B RESET SWITCH SIGNAL
39	P	ILLUMINATION CONTROL SWITCH (-)
40	BG	ILLUMINATION CONTROL SWITCH (+)

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH22FW-NH



41	42	43	44	45	46	47				53	54	55	56
57	58	59	60	61	62	63	65	66		69	70	71	72

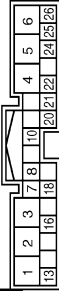
Terminal No.	Color of Wire	Signal Name [Specification]
41	BR	ACC POWER SUPPLY
42	BR	FUEL LEVEL SENSOR SIGNAL
43	R	INTAKE SENSOR SIGNAL
44	LG	IN-VEHICLE SENSOR SIGNAL
45	V	AMBIENT SENSOR SIGNAL
46	EG	SUNLOAD SENSOR SIGNAL
47	G	GAZ SENSOR SIGNAL
53	W	IGNITION POWER SUPPLY
54	EG	BATTERY POWER SUPPLY
55	B	GROUND
56	L	GROUND
57	LG	BRAKE FLUID LEVEL SWITCH SIGNAL
58	Y	FUEL LEVEL SENSOR SIGNAL GROUND
59	GR	INTAKE SENSOR GROUND
60	L	IN-VEHICLE SENSOR GROUND
61	R	AMBIENT SENSOR GROUND
62	SB	SUNLOAD SENSOR GROUND
63	L	ION CONTROL MODE OUTPUT SIGNAL
65	EG	ECV SIGNAL
69	L	A/C LAN SIGNAL
70	R	EACH DOOR MOTOR POWER SUPPLY
71	GR	GROUND
72	P	CAN-L

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	GR	
3	G	
5	BR	

Connector No.	M110
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH22FW-TB6



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	MOTOR (RH) (RELEASE)
2	W	+B
3	LG	MOTOR (RH) (FASTEN)
4	R	MOTOR (LH) (FASTEN)
5	W	GND (DRIVE)
6	BR	MOTOR (LH) (RELEASE)
7	G	INDICATOR
8	LG	BUCKLE SW RH
10	BR	BUCKLE SW LH
13	W	IGN
16	W	SENS OUTPUT 1
18	R	SENS POWER
20	G	SENS OUTPUT 2
21	B	SENS GND
22	P	CAN-L
24	L	CAN-H
26	B	GND (CONT)

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

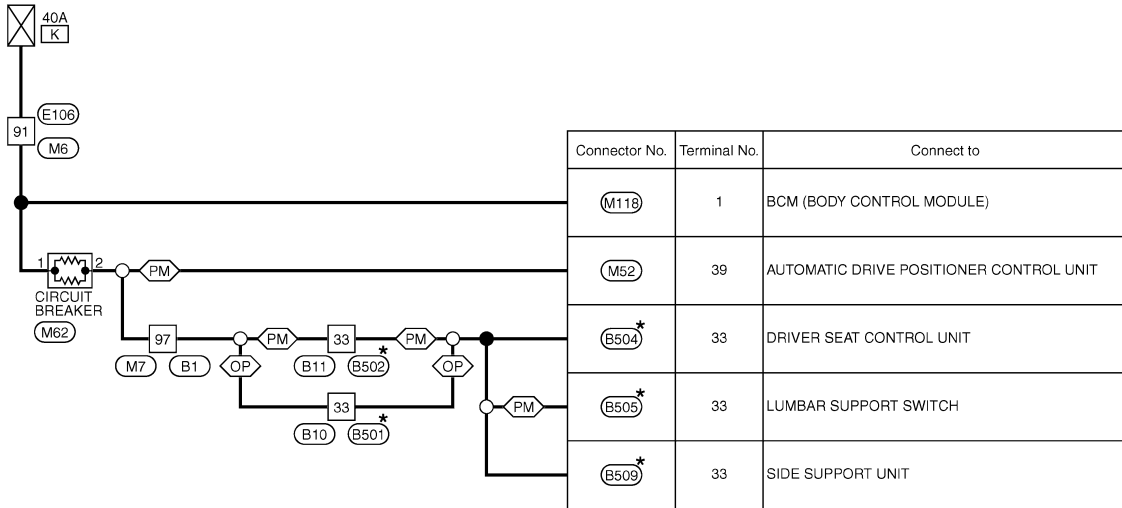
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. K -

INFOID:000000005628787

BATTERY POWER SUPPLY FUSIBLE LINK No. K

PM : With automatic drive positioner
 OP : Without automatic drive positioner



*: This connector is not shown in "Harness Layout".

2009/11/10

JCMWM6327GI

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]


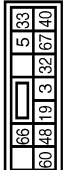
BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-
3	R	-
4	V	-
5	W	-
6	B	-
8	G	-
10	BR	-
12	SHIELD	-
13	Y	-
14	L	-
15	R	-
16	W	-
17	BR	-
20	G	-
21	SB	-
22	GR	-
23	W	-
24	SB	-
25	BR	-
26	LG	-
27	Y	-
28	R	-
29	V	-
31	SHIELD	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat]
37	Y	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
5	V	-
19	P	-
32	B	-
33	SB	-
40	G	-
48	B	-
60	BG	-
65	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	V	-
82	R	-
83	BR	-
84	G	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	BG	-
94	L	-
95	GR	-
96	GR	-
97	SB	-
99	Y	-
100	Y/B	-

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS18FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
5	V	-
19	P	-
32	B	-
33	SB	-
40	G	-
48	B	-
60	BG	-
65	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	V	-
82	R	-
83	BR	-
84	G	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	BG	-
94	L	-
95	GR	-
96	GR	-
97	SB	-
99	Y	-
100	Y/B	-

Connector No.	B7
Connector Name	GR

Terminal No.	Color of Wire	Signal Name [Specification]
3	R/Y	-
5	L	-
19	V	-
32	B/W	-
33	R	-
40	R/W	-
48	B	-
60	Y	-
66	B/Y	- [With side support]
66	B/Y	- [Without side support]
67	W	-

JCMWM6328G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
44	P	RECLINING MOTOR (BACKWARD)
45	L/R	FRONT LIFTING MOTOR (UPWARD)
48	B	GND (POWER)

Terminal No.	Color of Wire	Signal Name [Specification]
19	3	1
8	5	66
32	48	21
33	67	60

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	
3	R/Y	
5	L	
17	Y/R	
18	V	
21	L/Y	
32	B/W	
33	R	
40	R/W	
48	B	
60	Y	
66	B	
67	W	

Terminal No.	Color of Wire	Signal Name [Specification]
33	R	BAT (C/B)
35	W/R	SLIDING MOTOR (FORWARD)
36	G/Y	RECLINING MOTOR (FORWARD)
37	G/W	FRONT LIFTING MOTOR (DOWNWARD)
38	L/Y	REAR LIFTING MOTOR (UPWARD)
39	R/B	REAR LIFTING MOTOR (BACKWARD)
40	R/W	BAT (FALSE)
41	Y/G	FORWARD SW
42	W	SLIDING MOTOR (BACKWARD)

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
33	35	36
40	41	42
44	45	48

Terminal No.	Color of Wire	Signal Name [Specification]
19	3	1
8	5	66
32	48	21
33	67	60

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
33	35	36
40	41	42
44	45	48

Terminal No.	Color of Wire	Signal Name [Specification]
19	3	1
8	5	66
32	48	21
33	67	60

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
48	L	

Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

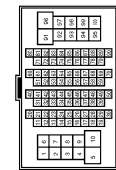
BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	EG	-
2	BR	-
3	R	-
4	G	-
5	G	-
6	BR	-
7	BR	-
8	Y	-
9	W	-
10	W	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	EG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	- [With A/T] - [With M/T]
45	EG	-
46	G	-
47	P	-
48	P	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	EG	-
2	LG	-
3	G	-
4	V	-
5	L	-
6	B	-
9	L	-
10	BR	-
12	SHIELD	-

13	V	-
14	BR	-
15	GR	-
16	LG	-
17	L	-
20	BR	-
21	G	-
22	R	-
23	SB	-
24	B	-
25	W	-
26	L	-
27	V	-
28	P	-
29	V	-
31	SHIELD	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat] - [Without climate controlled seat]
38	V	- [With climate controlled seat] - [Without climate controlled seat]
39	GR	-
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-
44	Y	-
45	BR	-
46	SB	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system] - [Without BOSE system]
50	SB	- [With BOSE system] - [Without BOSE system]
51	R	-
52	V	-
53	P	-
54	BR	-
55	Y	- [With A/T] - [With M/T]
56	L	-
57	V	-
60	LG	-
61	BG	-
62	B	-
63	V	-
64	SR	-
65	BR	-

66	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	LG	-
81	G	-
82	Y	-
83	BR	-
84	V	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	G	-
94	P	-
95	GR	-
96	Y	-
97	SB	-
99	Y	-
100	Y/B	-

Connector No.	M82
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS18FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
33	BR	POWER SUPPLY (SENSOR)
34	R	BAT (FUSE)
35	L	TILT MOTOR (UPWARD)
36	GR	TELESCOPIC MOTOR (FORWARD)
39	BR	BAT (C/B)
40	B	GND (SIGNAL)
41	Y	GND (SENSOR)
42	BG	TILT MOTOR (DOWNWARD)
44	G	TELESCOPIC MOTOR (BACKWARD)
48	B	GND (POWER)

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	MD2FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	SB	-

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MD2FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BAT (F/L)
2	Y	POWER WINDOW POWER SUPPLY (BATT)
3	EG	POWER WINDOW POWER SUPPLY (RAP)

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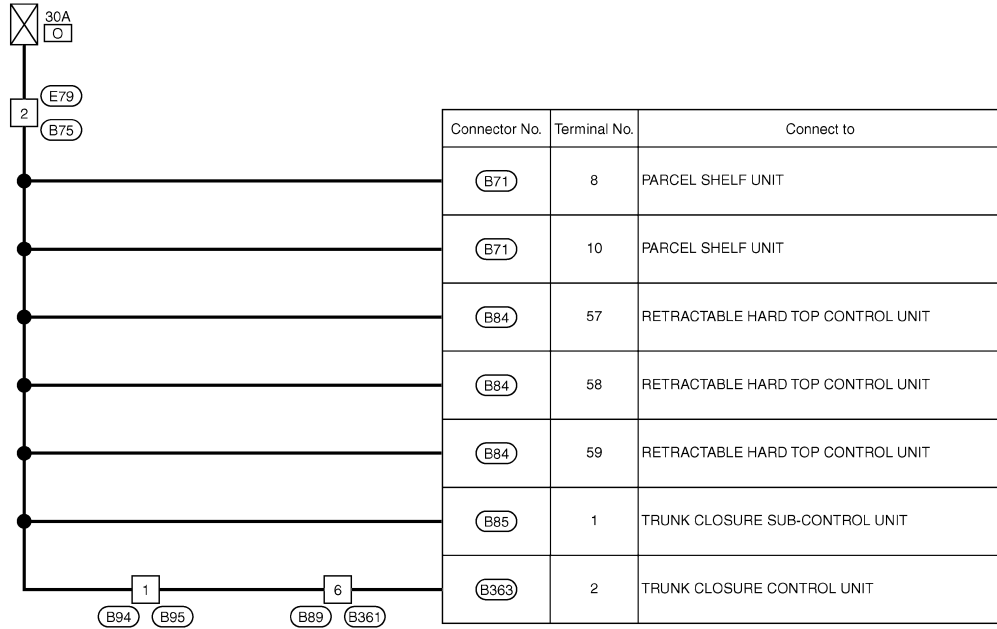
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. O - BATTERY POWER SUPPLY FUSIBLE LINK No. O

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK No. O

Connector No.	B71
Connector Name	WIRE TO WIRE
Connector Type	NS16FBR-CS



7	6	5	4	3	2	1
16	15	14	13	12	11	10
9	8					

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	SB	-
5	GR	-
6	EG	-
7	R	-
8	Y	-
10	LG	-
12	P	-
14	W	-
16	BR	-

Connector No.	B75
Connector Name	WIRE TO WIRE
Connector Type	MO2MW-LC



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	Y	-

Connector No.	B84
Connector Name	RETRACTABLE HARD TOP CONTROL UNIT
Connector Type	NS16FTF-CS



63	62	61	60	59	58	57
72	71	70	69	68	67	66
65	64	63	62	61	60	59
58	57	56	55	54	53	52

Terminal No.	Color of Wire	Signal Name [Specification]
57	Y	BAT
58	Y	BAT
59	Y	BAT
60	B	BAT
61	B	GND
62	GR	BAT (POWER WINDOW)
63	Y	BAT (POWER WINDOW)
64	B	GND (POWER WINDOW)
65	B	GND (POWER WINDOW)
66	P	SWITCHING VALVE 1
67	SB	SWITCHING VALVE 2
68	L	SWITCHING VALVE GND
69	G	REAR WINDOW DEF IN 2
70	P	REAR WINDOW DEF IN 1
71	BR	REAR WINDOW DEF OUT 1
72	W	REAR WINDOW DEF OUT 2

Connector No.	B85
Connector Name	TRUNK CLOSURE SUB-CONTROL UNIT
Connector Type	NS06FW-CS



4	3	1	5	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BAT
2	SB	TRUNK ROOM LAMP SWITCH
3	P	TRUNK ROOM LAMP SWITCH CLOSURE CONTROL SIGNAL
4	B	GND
5	R	TRUNK MODE SIGNAL

Connector No.	B89
Connector Name	WIRE TO WIRE
Connector Type	NS08MMW-CS



1	2
3	4
5	6

Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	P	-
5	B	-
6	Y	-

Connector No.	B84
Connector Name	WIRE TO WIRE
Connector Type	MO1MW-LC



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Terminal No.	1	Y	Signal Name [Specification]	-
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Connector No.	B85
Connector Name	WIRE TO WIRE
Connector Type	MO1FW-LC



1

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-

Connector No.	E361
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



2	1
6	5
4	3

Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	P	-
5	B	-
6	Y	-

Connector No.	E363
Connector Name	TRUNK CLOSURE CONTROL UNIT
Connector Type	NS04FW-CS



4	3	2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	P	TRUNK ROOM LAMP SW SIG
2	Y	POWER
3	GR	STRIKER SW SIG
4	B	GND

JCMWM6333GI

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK No. 0

Connector No.	E79
Connector Name	WIRE TO WIRE
Connector Type	MO2PW-LC



Terminal No.	Color of Wire	Signal Name (Specification)
1	Y	-
2	LG	-

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
POWER SUPPLY ROUTING CIRCUIT

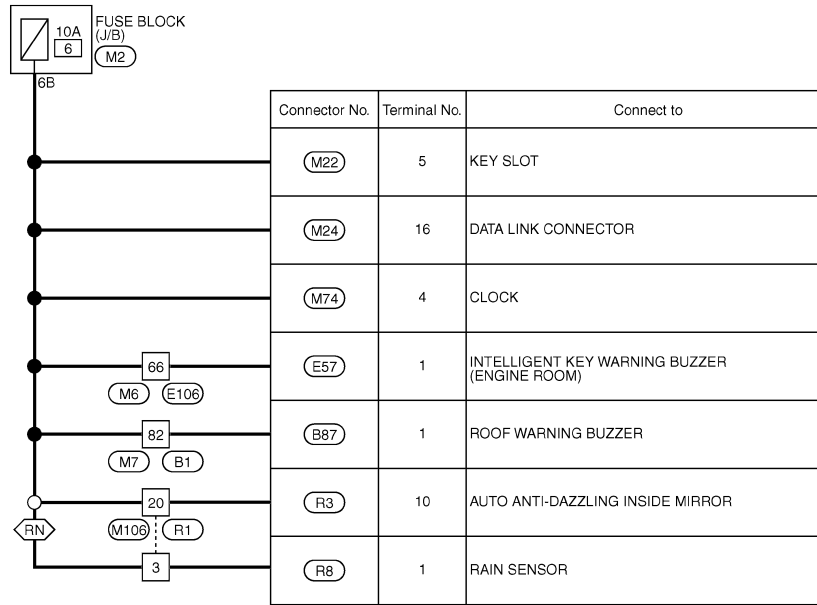
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 - BATTERY POWER SUPPLY FUSE No. 6

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 : With rain sensor



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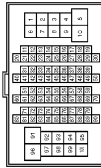
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	THROTY-CSI6-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L	
3	R	
4	V	
5	W	
6	B	
8	G	
10	BR	
12	SHIELD	
13	Y	
14	L	
15	R	
16	W	
17	BR	
20	G	
21	SB	
22	GR	
23	W	
24	SB	
25	BR	
26	LG	
27	Y	
28	R	
29	V	
31	SHIELD	
32	G	
33	R	
34	BG	
35	GR	
36	BR	
37	P	- [With climate controlled seat]
37	Y	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	
41	L	
42	P	
43	SHIELD	

44	SB	
45	V	
46	W	
47	SB	
48	LG	
49	LG	- [With BOSE system]
49	Y	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	SB	
52	G	
53	LG	
54	BR	
55	Y	
56	W	
57	V	
60	R	
61	BG	
62	B	
63	L	
64	P	
65	B	
66	SB	
67	P	
68	L	
69	P	
70	L	
80	G	
81	V	
82	R	
83	BR	
84	G	
85	L	
86	Y	
87	GR	
91	R	
93	BG	
94	L	
95	GR	
96	GR	
97	SB	
99	Y	
100	Y/B	

Connector No.	B87
Connector Name	ROOF-WARNING BUZZER
Connector Type	RK02FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	B	

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)
Connector Type	RK03FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	
3	SB	

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	EG	-
4	B/W	-
5	G	-
6	EG	-
7	LG	-
8	G	-
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	V	-
18	BG	-
19	GR	-
20	LG	-
30	R	-
31	L	-
32	EG	-
33	P	-
34	V	-
35	BR	-
36	W	-
37	Y	-
38	R	-
39	B	-
40	G	-
41	W	-
42	LG	-
43	SB	-
44	GR	-
45	BG	-
46	LG	-
47	V	-
48	P	-
-	L	-

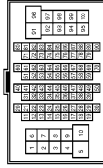
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	P	-
4B	G	-
5B	BG	-
6B	Y	-
7B	P	-
8B	R	-
9B	SB	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
3	R	-
4	G	-
5	G	-
6	BR	-
7	BR	-
8	Y	-
10	W	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	BG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	-
44	R	- [With A/T]
44	R	- [With M/T]
45	BG	-
46	G	-
47	P	-
48	P	-

49	L	-
59	B	-
66	Y	-
67	G	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SS	-
90	G	-
91	W	-
92	B	-
93	L	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 6

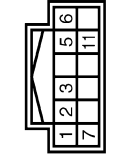
Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS16-TIM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	LG	-
3	G	-
4	V	-
5	L	-
6	B	-
8	L	-
10	BR	-
12	SHIELD	-
13	V	-
14	BR	-
15	GR	-
16	LG	-
17	L	-
20	BR	-
21	G	-
22	R	-
23	SB	-
24	B	-
25	W	-
26	Y	-
27	V	-
28	P	-
29	V	-
31	SHIELD	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat]
37	L	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-

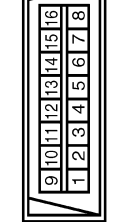
44	Y	-
45	BR	-
46	SB	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system]
49	SB	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	R	-
52	V	-
53	P	-
54	BR	-
55	Y	- [With A/T]
55	BG	- [Without A/T]
56	L	-
57	V	-
60	LG	-
61	BG	-
62	B	-
63	V	-
64	SB	-
65	BR	-
66	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	LG	-
82	Y	-
83	BR	-
84	V	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	G	-
94	P	-
95	GR	-
96	Y	-
97	SB	-
99	Y	-
100	Y/B	-

Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



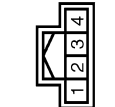
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BAT
2	GR	CLOCK
3	W	DATA
5	V	ILL.BAT
6	LG	ILL
7	B	GND
11	SB	KEY SWITCH SIGNAL

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



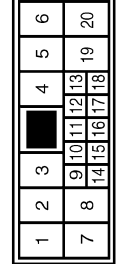
Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	BR	-
6	L	-
7	V	-
8	G	-
11	SB	-
14	P	-
16	R	-

Connector No.	M74
Connector Name	CLOCK
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	ILLUMINATION (-)
2	L	ILLUMINATION (+)
3	B	GND
4	Y	BAT

Connector No.	M108
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	V	-
4	G	-
5	SHIELD	-
6	R	-
7	B	-
8	L	-
9	R	-
10	SB	-
11	V	-
12	LG	-
18	B	-
19	P	-
20	Y	-

POWER SUPPLY ROUTING CIRCUIT

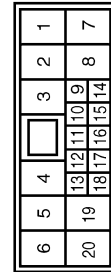
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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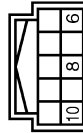
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH10FV-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	Y	-
4	W	-
5	SHIELD	-
6	O	-
7	B	-
8	L	-
9	Y	-
10	B	-
11	V	-
12	R	-
18	B	-
19	BR	-
20	G	-

Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	BR	IGN
8	B	GND
10	G	BAT

Connector No.	R8
Connector Name	RAIN SENSOR
Connector Type	AAE53FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	+B
2	BR	SIG
3	B	GND

JCMWM6339GI



POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

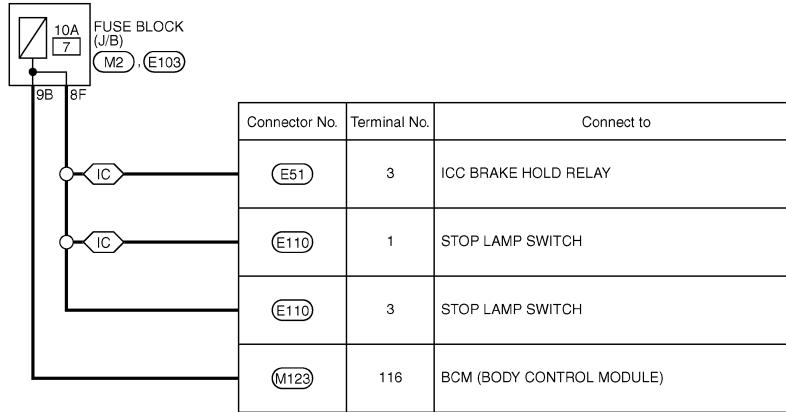
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 -

INFOID:000000005628790

BATTERY POWER SUPPLY FUSE No. 7

⬠IC⬠: With ICC



2009/02/27

JCMWA4292Gf

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E51
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS2FL-MZ-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	V	-
3	R	-
5	P	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	EG	-
8F	L	-
9F	R	-

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	MS4FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	V	-
3	L	- [With ICC] - [Without ICC]
4	SB	- [With ICC] - [Without ICC]

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	P	-
4B	G	-
5B	EG	-
6B	Y	-
7B	P	-
8B	R	-
9B	SB	-

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



Terminal No.	Color of Wire	Signal Name [Specification]
112	BR	RAIN SENSOR SERIAL LINK
113	G	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
116	SB	STOP LAMP SW 1
118	BR	STOP LAMP SW 2
119	GR	DR DOOR UNLOCK SENSOR
121	SB	KEY SLOT SW
123	W	IGN P/B
124	BG	PASSENGER DOOR SW
129	BG	TRUNK LID OPENER CANCEL SW
132	LG	P/W SW & RHT C/U COMM
133	Y	PUSH-BUTTON IGNITION SW ILL POWER
134	LG	LOCK IND
142	BR	RECEIVER / SENSOR GND
137	BG	RECEIVER / SENSOR POWER SUPPLY
139	L	TIRE PRESSURE RECEIVER COMM
140	GR	SHIFT N/P
141	R	SECURITY INDICATOR LAMP
142	BR	COMBI SW OUTPUT 5
143	V	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 3
146	SB	COMBI SW OUTPUT 4
149	W	TIRE PRESSURE WARN CHECK SW
150	R	DRIVER DOOR SW
151	G	REAR WINDOW DEFOGGER RELAY CONT

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
POWER SUPPLY ROUTING CIRCUIT

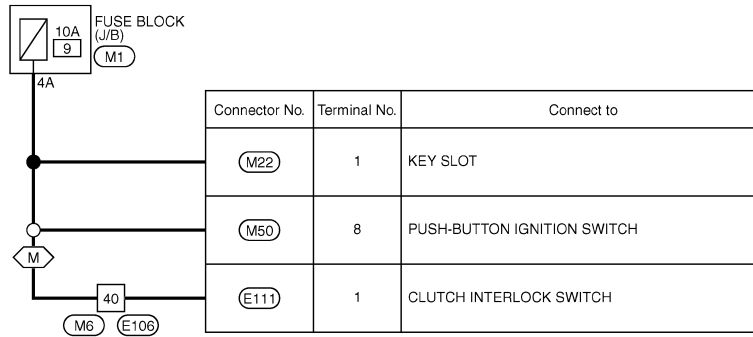
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 - BATTERY POWER SUPPLY FUSE No. 9

INFOID:000000005628791

 : With M/T



2009/11/10

JCMWM6341G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 9

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FN-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	EG	
4	B/W	
5	G	
6	EG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	EG	
19	GR	
20	LG	
30	R	
31	L	
32	EG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	EG	
46	LG	
47	V	
48	P	
48	L	

59	B	
66	LG	
67	SB	
68	R	
69	W	
70	G	
80	W	
81	P	
82	G	
83	V	
84	L	
85	EG	
86	LG	
87	Y	
88	GR	
89	W	
90	W	
91	G	
92	B	
93	GR	
94	L	
95	Y	
97	BR	
98	SHIELD	
99	L	
100	P	

Connector No.	E111
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	S02FL



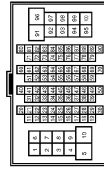
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	GR	

Connector No.	M1
Connector Name	FUSE BLOCK (U/B)
Connector Type	MS8FN-MZ



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	
2A	G	
3A	L	
4A	P	
5A	BR	
5A	Y	
7A	GR	
8A	L	

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	EG	
3	R	
4	G	
5	G	
6	BR	
7	BR	
8	Y	
10	W	
11	GR	
12	R	
13	L	
14	G	
15	P	
16	W	

17	BR	
18	V	
19	EG	
20	L	
30	R	
31	L	
32	Y	
33	GR	
34	P	
35	BR	
36	BR	
37	Y	
38	LG	
39	SB	
40	G	
41	W	
42	LG	
43	P	
44	GR	
44	R	
45	EG	
46	G	
47	P	
48	P	
49	L	
59	B	
66	Y	
67	G	
68	R	
69	W	
70	G	
80	SB	
81	R	
82	V	
83	W	
84	L	
85	EG	
86	G	
87	V	
88	B	
89	SB	
90	G	
91	W	
92	B	
93	G	
94	L	
95	BR	
97	P	
98	SHIELD	
99	V	
100	SB	

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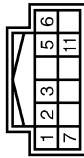
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 9

Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BAT
2	GR	CLOCK
3	W	DATA
5	Y	ILL BAT
6	LG	ILL
7	B	GND
11	SB	KEY SWITCH SIGNAL

Connector No.	M50
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	Y	-
4	BR	-
5	LG	-
6	BG	-
7	V	-
8	P	-

JCMWM6343G

POWER SUPPLY ROUTING CIRCUIT

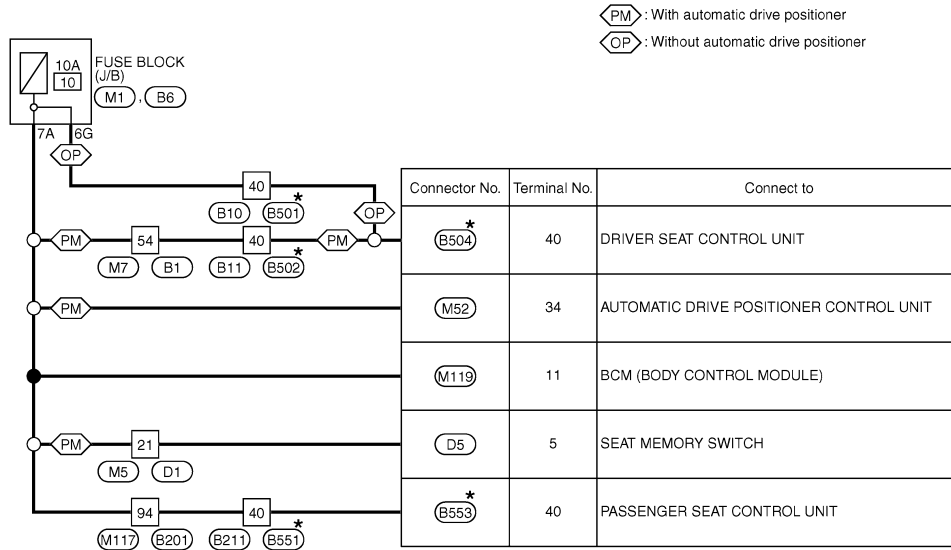
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

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BATTERY POWER SUPPLY FUSE No. 10



*: This connector is not shown in "Harness Layout".

2009/02/27

JCMWA4296GE

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 10

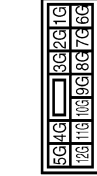
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-
3	R	-
4	V	-
5	W	-
6	B	-
7	G	-
8	G	-
9	BR	-
10	SHIELD	-
11	SHIELD	-
12	Y	-
13	Y	-
14	L	-
15	R	-
16	W	-
17	BR	-
18	BR	-
19	G	-
20	G	-
21	SB	-
22	GR	-
23	W	-
24	SB	-
25	BR	-
26	LG	-
27	Y	-
28	R	-
29	Y	-
30	SHIELD	-
31	G	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat] - [Without climate controlled seat]
38	Y	- [With climate controlled seat] - [Without climate controlled seat]
39	GR	- [With climate controlled seat] - [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-

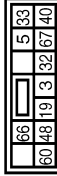
44	SB	-
45	V	-
46	W	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system] - [Without BOSE system]
50	SB	- [With BOSE system] - [Without BOSE system]
51	SB	-
52	G	-
53	LG	-
54	BR	-
55	Y	-
56	W	-
57	V	-
60	R	-
61	BG	-
62	B	-
63	L	-
64	P	-
65	B	-
66	SB	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	V	-
82	R	-
83	BR	-
84	G	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	BG	-
94	L	-
95	GR	-
96	GR	-
97	SB	-
99	Y	-
100	Y/B	-

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4G	R	-
5G	LG	-
6G	G	-
10G	P	-
11G	G	-
12G	Y	-

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
5	V	-
19	P	-
32	B	-
33	SB	-
40	G	-
48	B	-
60	BG	-
66	Y	-
67	GR	-

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
3	L	-
5	V	-
17	G	-
19	P	-
21	Y	-
32	B	-
33	SB	-
40	BR	-
48	B	-
60	BG	-
66	Y	-
67	GR	-

JCMWM6344G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
3	B	-
5	W	-
6	R	-
7	B	- [With climate controlled seat]
7	G	- [Without climate controlled seat]
8	BG	-
9	GR	-
10	LG	-
40	GR	-
41	LG	-
42	BG	-
43	R	-
44	SHIELD	-
45	G	-
47	G	-
48	Y	-
49	SHIELD	-
50	P	-
51	SB	-
52	LG	-
53	L	-
54	G	-
55	GR	-
56	LG	-
57	G	-
58	R	-
67	L	-
68	P	-
80	G	-
81	R	-
82	W	-
83	B	-
84	SHIELD	-
85	O	-
86	BR	-
87	Y	-
88	SHIELD	-

Terminal No.	Color of Wire	Signal Name [Specification]
89	SB	-
90	V	-
91	GR	-
92	P	- [With BOSE system]
92	Y	- [Without BOSE system]
93	L	-
94	SB	-
95	V	-
96	P	-
97	L	- [With BOSE system]
97	LG	- [Without BOSE system]
98	Y/B	-
99	Y	-

Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



33	40	5	32
60	48	8	66
8	67	66	67

Terminal No.	Color of Wire	Signal Name [Specification]
5	LG	-
8	V	-
32	B	-
33	L	-
40	SB	-
48	B	-
60	G	-
68	GR	-
67	BG	-

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



33	5	66
40	67	32
3	19	48
60	48	60

Terminal No.	Color of Wire	Signal Name [Specification]
3	R/Y	-
5	L	-
19	V	-
32	B/W	-
33	R	-
40	R/W	-
48	B	-
60	Y	-
66	B	- [With side support]
66	B/Y	- [Without side support]
67	W	-

Connector No.	B502
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



19	3	1	17	40	59
8	5	66	32	48	21
83	67	60	60	60	60

Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
3	R/Y	-
5	L	-
17	Y/R	-
19	V	-
21	L/Y	-
32	B/W	-
33	R	-
40	R/W	-
48	B	-
60	Y	-
66	B	-
67	W	-

Connector No.	B504
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



33	35	86	37	38	39
40	41	42	44	45	48

Terminal No.	Color of Wire	Signal Name [Specification]
33	R	BAT (G/B)
35	W/R	SLIDING MOTOR (FORWARD)
36	G/Y	RECLINING MOTOR (FORWARD)
37	G/W	FRONT LIFTING MOTOR (DOWNWARD)
38	L/Y	REAR LIFTING MOTOR (UPWARD)
39	R/B	REAR LIFTING MOTOR (BACKWARD)
40	R/W	BAT (FUSE)
41	Y/G	FORWARD SW
42	W	SLIDING MOTOR (BACKWARD)
44	P	RECLINING MOTOR (BACKWARD)
45	L/R	FRONT LIFTING MOTOR (UPWARD)
48	B	GND (POWER)

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



32	5	40	66
67	66	8	48
60	60	60	60

Terminal No.	Color of Wire	Signal Name [Specification]
5	L	-
8	LG	-
32	B/W	-
33	R	-
40	R/W	-
48	B	-
60	Y	-
66	B	-
67	W	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	B553
Connector Name	PASSENGER SEAT CONTROL UNIT
Connector Type	MS16FW-CS



33	35	36	37	38	39	40	41	42	44	45	48
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Terminal No.	Color of Wire	Signal Name [Specification]
33	R	BAT (C/B)
35	W/R	SLIDING MOTOR (FORWARD)
36	W/L	RECLINING MOTOR (FORWARD) (With climate controlled seat)
36	G/Y	RECLINING MOTOR (FORWARD) (Without climate controlled seat)
37	L/G/R	FRONT LIFTING MOTOR (DOWNWARD) (With climate controlled seat)
37	G/W	FRONT LIFTING MOTOR (DOWNWARD) (Without climate controlled seat)
38	P/L	REAR LIFTING MOTOR (UPWARD) (With climate controlled seat)
38	L/Y	REAR LIFTING MOTOR (UPWARD) (Without climate controlled seat)
39	G/B	REAR LIFTING MOTOR (DOWNWARD) (With climate controlled seat)
39	R/B	REAR LIFTING MOTOR (DOWNWARD) (Without climate controlled seat)
40	R/W	BAT (FUSE)
41	Y/G	FORWARD SW
42	W	SLIDING MOTOR (BACKWARD)
44	L	RECLINING MOTOR (BACKWARD) (With climate controlled seat)
44	P	RECLINING MOTOR (BACKWARD) (Without climate controlled seat)
45	W/B	FRONT LIFTING MOTOR (UPWARD) (With climate controlled seat)
45	L/R	FRONT LIFTING MOTOR (UPWARD) (Without climate controlled seat)
48	B	GND (POWER)

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40PW-CS15



15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
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Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	P	- [With A/T]
5	B	- [With M/T]
6	SB	-

Connector No.	D5
Connector Name	SEAT MEMORY SWITCH
Connector Type	A08FW



3	5	6	7	2	1	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	Y	-
3	GR	-
4	B	-
5	R	-
6	O	-
7	P	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS08FW-M2



3A	2A	1A
8A	7A	6A
5A	4A	3A

Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	-
6A	Y	-
7A	GR	-
8A	L	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15

Terminal No.	Color of Wire	Signal Name [Specification]
4	R	-
5	B	-
6	BG	-
7	W	-
8	B	-
9	G	-
10	V	-
11	W	-
12	L	-
13	B	-
14	GR	-
15	Y	-
16	Y/B	-
17	Y	-
20	BG	-
21	W	-
22	P	-
23	BG	-
24	V	-
25	BR	-
26	R	-
27	P	-
28	LG	-
29	SB	-
30	G	-
31	V	-
32	BR	-
33	GR	-
34	G	-
35	L	-
37	B	-
38	G	-
39	BR	- [With automatic drive positioner]
39	BR	- [Without automatic drive positioner]
39	L	- [With automatic drive positioner]
39	L	- [Without automatic drive positioner]
40	Y	-
41	BR	- [With automatic drive positioner]
41	BR	- [Without automatic drive positioner]
41	G	-

42	R	-
43	G	-
44	Y	-
45	GR	-
46	BR	-
47	V	-
48	LG	-
49	P	-
50	SB	-
51	GR	-
52	L	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	LG	-
3	G	-
4	V	-
5	L	-
6	B	-
9	L	-
10	BR	-
12	SHIELD	-
13	W	-
14	BR	-
15	GR	-
16	LG	-
17	L	-
20	BR	-
21	G	-
22	R	-
23	SB	-
24	B	-
25	W	-
26	Y	-
27	V	-
28	P	-
29	V	-
31	SHIELD	-

95	GR	-
96	Y	-
97	SB	-
99	Y/B	-
100	Y/B	-

Connector No.	M82
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS18FW-CS



33	34	35	36	39
40	41	42	44	48

Terminal No.	Color of Wire	Signal Name [Specification]
33	BR	POWER SUPPLY (SENSOR)
34	R	BAT (FUSE)
35	L	TILT MOTOR (UPWARD)
36	GR	TELESCOPIC MOTOR (FORWARD)
39	BR	BAT (C/B)
40	B	GND (SIGNAL)
41	Y	GND (SENSOR)
42	BG	TILT MOTOR (DOWNWARD)
44	G	TELESCOPIC MOTOR (BACKWARD)
48	B	GND (POWER)

32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat]
37	L	- [Without climate controlled seat]
38	V	-
38	GR	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-
44	Y	-
45	BR	-
46	SB	-
47	SB	-
48	LG	-
48	LG	- [With BOSE system]
48	SB	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	R	-
52	V	-
53	P	-
54	BR	-
55	Y	- [With A/T]
55	BG	- [With M/T]
56	L	-
57	V	-
60	LG	-
61	BG	-
62	B	-
63	V	-
64	SB	-
65	BR	-
66	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	LG	-
82	Y	-
83	BR	-
84	V	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	G	-
94	P	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	THB0MVF-CS16-TIM



90	W	-
91	GR	-
92	IP	-
93	W	-
94	BG	-
95	BG	-
96	P	-
97	L	-
98	Y/B	-
99	Y	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-
3	SB	-
4	R	-
5	G	-
6	R	-
7	G	-
8	SB	-
9	GR	-
10	LG	-
40	Y	-
41	G	-
42	LG	-
43	R	-
44	SHIELD	-
45	G	-
47	P	-
48	L	-
49	SHIELD	-
50	V	-
51	SB	-
52	BG	-
53	L	-
54	G	-
55	Y	-
56	LG	-
57	SB	-
58	LG	-
67	SB	-
68	LG	-
80	W	-
81	B	-
82	R	-
83	G	-
84	SHIELD	-
85	G	-
86	L	-
87	P	-
88	SHIELD	-
89	Y	-

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	LG	INTERIOR ROOM LAMP POWER SUPPLY
5	P	PASSENGER DOOR UNLOCK OUTPUT
7	SB	STEP LAMP
8	V	ALL DOOR FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	GR	BAT (FUSE)
13	B	GND
14	W	PUSH-BUTTON IGNITION SW ILL GND
15	BG	ACC IND
17	BR	TURN SIGNAL RH (FRONT)
18	BG	TURN SIGNAL LH (FRONT)
19	V	ROOM LAMP TIMER CONTROL

JCMW6348G

POWER SUPPLY ROUTING CIRCUIT



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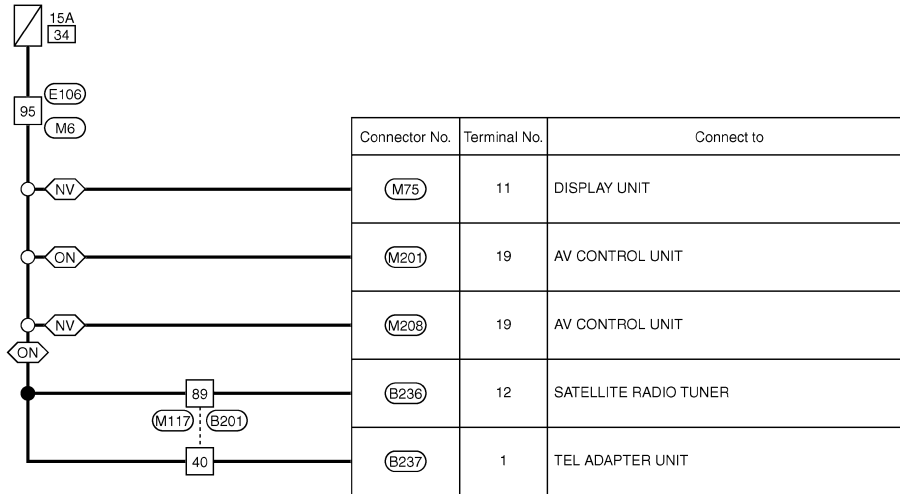
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 - BATTERY POWER SUPPLY FUSE No. 34

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 : With NAVI
 : Without NAVI



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JCMWM6349G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

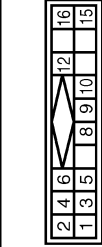
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH807W-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	B	-
4	W	-
5	W	-
6	R	-
7	B	-
7	G	- [With climate controlled seat]
7	G	- [Without climate controlled seat]
8	BG	-
9	GR	-
10	LG	-
40	GR	-
41	LG	-
42	BG	-
43	R	-
44	SHIELD	-
45	G	-
47	G	-
48	Y	-
49	SHIELD	-
50	P	-
51	SB	-
52	LG	-
53	L	-
54	G	-
55	GR	-
56	LG	-
57	G	-
58	R	-
67	L	-
68	P	-
80	G	-
81	R	-
82	W	-
83	B	-
84	SHIELD	-
85	O	-
86	BR	-
87	Y	-
88	SHIELD	-

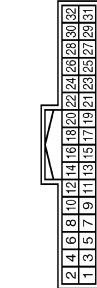
89	SB	-
90	V	-
91	GR	-
92	P	- [With BOSE system]
92	Y	- [Without BOSE system]
93	L	-
94	SB	-
95	V	-
96	P	-
97	L	- [With BOSE system]
97	LG	- [Without BOSE system]
98	Y/B	-
99	Y	-

Connector No.	B236
Connector Name	SATELLITE RADIO TUNER
Connector Type	A16FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	SATELLITE RADIO SOUND SIGNAL LH (-)
2	R	SATELLITE RADIO SOUND SIGNAL LH (+)
3	W	SATELLITE RADIO SOUND SIGNAL RH (-)
4	B	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
8	Y	REQUEST (SAT->CONT)
9	O	COMM (SAT->CONT)
10	BR	COMM (CONT->SAT)
12	SB	BATTERY
15	B	GND
16	V	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH22FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BATTERY
2	LG	ACC
3	BG	IGNITION
4	B	GND
5	SHIELD	SHIELD
7	R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	Y	TEL VOICE SIGNAL (+)
10	G	TEL VOICE SIGNAL (-)
14	B	GND
16	P	ROOF STATUS SIGNAL (AUDIO)
21	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
27	B	CONTROL SIGNAL
28	P	VEHICLE SPEED (8-PULSE)
29	G	MICROPHONE VCC

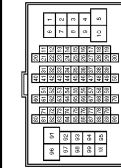
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 34

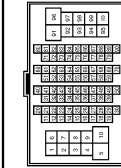
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
2	EG	
3	B/W	
4	B/W	
5	G	
6	EG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	EG	
19	GR	
20	LG	
30	R	
31	L	
32	EG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	EG	
46	LG	
47	V	
48	L	

59	B	
66	LG	
67	SB	
68	R	
69	W	
70	G	
80	W	
81	P	
82	G	
83	V	
84	L	
85	BG	
86	LG	
87	Y	
88	GR	
89	W	
90	W	
91	G	
92	B	
93	GR	
94	L	
95	Y	
97	BR	
98	SHIELD	
99	L	
100	P	

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

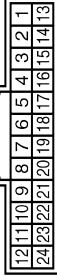


Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	
3	R	
4	G	
5	G	
6	BR	
7	BR	
8	Y	
10	W	
11	GR	
12	R	

13	L	
14	G	
15	W	
16	W	
17	BR	
18	V	
19	BG	
20	L	
30	R	
31	L	
32	Y	
33	GR	
34	P	
35	BR	
36	BR	
37	Y	
38	LG	
39	SB	
40	G	
41	W	
42	LG	
43	P	
44	GR	
45	BG	
46	G	
47	P	
48	P	
49	L	
59	B	
66	Y	
67	G	
68	R	
69	W	
70	G	
80	SB	
81	R	
82	V	
83	W	
84	L	
85	BG	
86	G	
87	V	
88	B	
89	SB	
90	G	
91	W	
92	B	
93	G	
94	L	
95	BR	
97	P	

98	SHIELD	
99	V	
100	SB	

Connector No.	M75
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	
7	B	
8	G	
9	L	
10	LG	
11	Y	
12	B	
18	L	
19	P	
22	B	
23	LG	

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

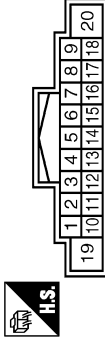
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS16-TMM



90	W	-
91	GR	-
92	IP	-
93	W	-
94	BG	-
95	BG	-
96	P	-
97	L	-
98	Y/B	-
99	Y	-

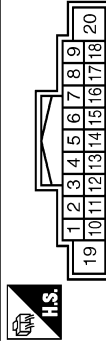
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	B	-
5	SB	-
6	R	-
7	G	-
8	SB	-
9	GR	-
10	LG	-
40	Y	-
41	G	-
42	LG	-
43	R	-
44	SHIELD	-
45	G	-
47	P	-
48	L	-
49	SHIELD	-
50	V	-
51	SB	-
52	BG	-
53	L	-
54	G	-
55	Y	-
56	LG	-
57	SB	-
58	LG	-
67	SB	-
68	LG	-
80	W	-
81	B	-
82	R	-
83	G	-
84	SHIELD	-
85	G	-
86	L	-
87	P	-
88	SHIELD	-
89	Y	-

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	P	SOUND SIGNAL LH (+)
3	L	SOUND SIGNAL LH (-)
6	P	STRG SW A
7	V	ACC
10	B	SHIELD
11	R	SOUND SIGNAL RH (+)
12	G	SOUND SIGNAL RH (-)
13	B	STRG SW GND
16	L	STRG SW B
19	BR	BATTERY
20	B	GND

Connector No.	M201
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT LH (-)
3	W	SOUND SIGNAL FRONT LH (+)
4	LG	SOUND SIGNAL REAR LH (+)
5	SB	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
9	L	ILLUMINATION
11	BR	SOUND SIGNAL FRONT RH (+)
12	GR	SOUND SIGNAL FRONT RH (-)
13	L	SOUND SIGNAL REAR RH (+)
14	IP	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
18	G	GND
19	BR	BATTERY
20	B	GND

POWER SUPPLY ROUTING CIRCUIT

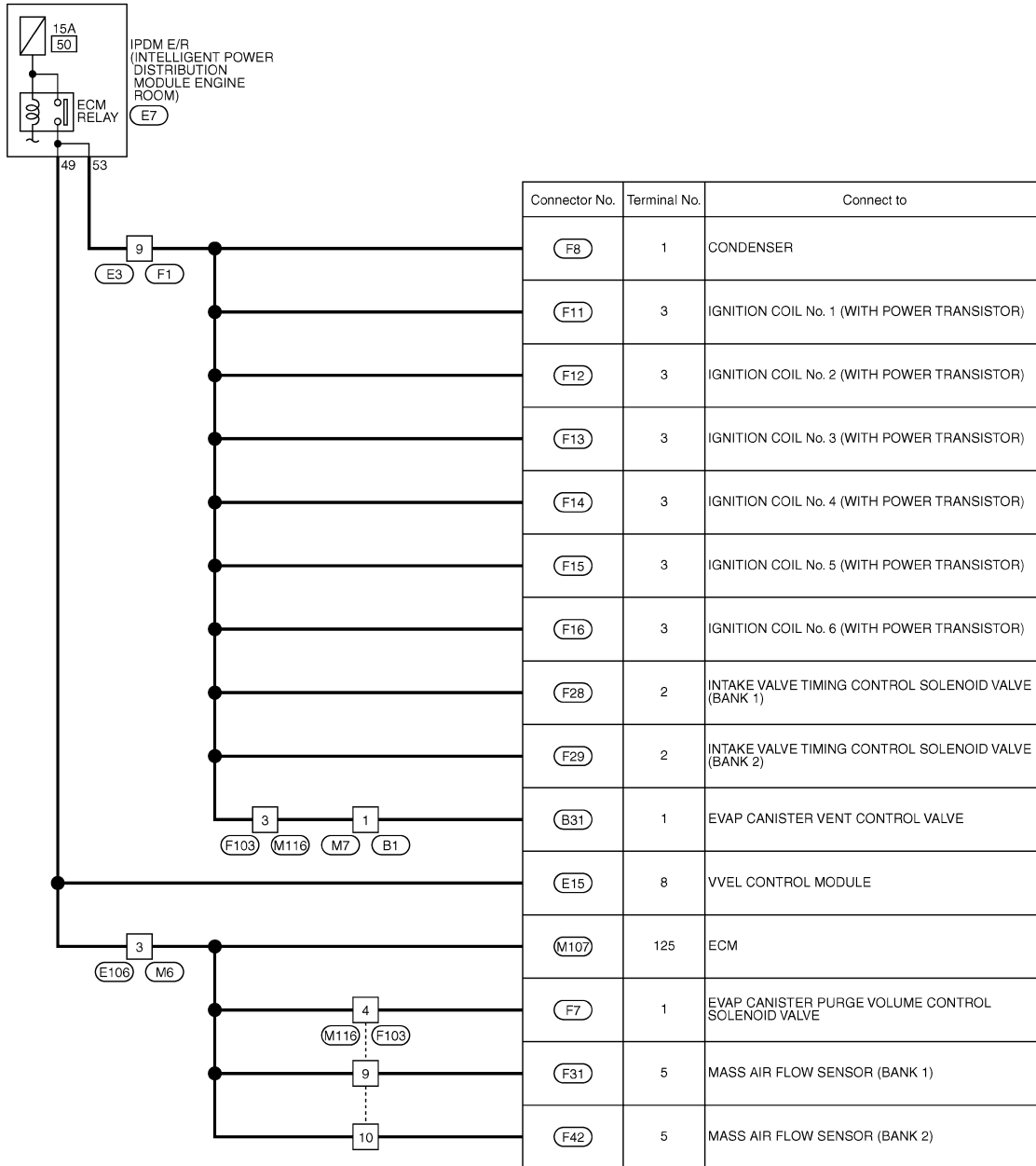
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE No. 50



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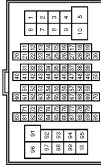
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	THB07V-C516-TM44



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L	
3	R	
4	V	
5	W	
6	B	
8	G	
10	BR	
12	SHIELD	
13	Y	
14	L	
15	R	
16	W	
17	BR	
20	G	
21	SB	
22	GR	
23	W	
24	SB	
25	BR	
26	LG	
27	Y	
28	R	
29	V	
31	SHIELD	
32	G	
33	R	
34	BG	
35	GR	
36	BR	
37	P	- [With climate controlled seat]
37	Y	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	
41	L	
42	P	
43	SHIELD	

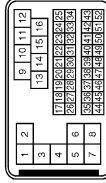
44	SB	
45	V	
46	W	
47	SB	
48	LG	
49	LG	- [With BOSE system]
49	Y	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	SB	
52	G	
53	LG	
54	BR	
55	Y	
56	W	
57	V	
60	R	
61	BG	
62	B	
63	L	
64	P	
65	B	
66	SB	
67	P	
68	L	
70	L	
80	G	
81	V	
82	R	
83	BR	
84	G	
85	L	
86	Y	
87	GR	
91	R	
93	BG	
94	L	
95	GR	
96	GR	
97	SB	
99	Y	
100	Y/B	

Connector No.	B31
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	E02FB-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L	

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA30MB-R50-SHZ8



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	
2	SHIELD	
3	L/B	
4	SHIELD	
5	BR	
7	G	
8	W	
9	W	
10	Y	
11	P	
12	SB	
13	BR	
14	G	
15	R	
16	LG	
17	P	
18	Y	
19	BG	
20	B	
21	SB	

22	W	
23	L	
24	G	
25	V	
27	GR	
28	V	
29	P	
30	R	
31	BR	
32	Y	
33	G	
34	BG	
37	SHIELD	
38	L	
39	P	
40	R	
41	W	
42	LG	
43	G	
46	SHIELD	
47	W	
48	BR	
49	G	
50	B	
51	SB	
52	R	

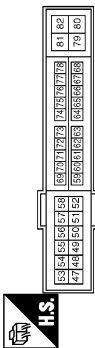
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

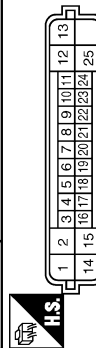
BATTERY POWER SUPPLY FUSE No. 50

Connector No.	E7
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE FRAME HOOD
Connector Type	TH80PW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	BG	-
51	Y	-
53	W	-
54	P	-
55	SB	-
56	LG	-
57	G	-
58	GR	-
69	BR	-
70	BG	-
73	P	-
74	G	-
75	SB	-
76	Y	-
77	R	-
80	W	-

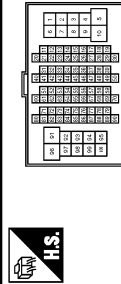
Connector No.	E13
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJ28-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VMOT L
2	L/B	MOTOR L1
3	G	VEL/S-R1
4	W	AGND 1
5	R	VEL/S-L1

6	B	AGND 3
7	SB	AVGC 3
8	BG	LSB
9	LG	AVGC 1
11	G	CANH
12	G	MOTRR1
13	W	V-MOT(R)
14	B/W	PGND L
15	L/Y	MOTOR L2
16	R	VEL S-R2
17	L	AGND 2
18	G	VEL S-L2
19	W	AGND 4
20	BR	AVGC 4
21	V	ABORT
22	P	AVGC 2
23	Y	M-RLY
24	L	CAN L
25	BR	MOTOR R 2

Connector No.	E106
Connector Name	WIRES TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	BG	-
4	B/W	-
5	G	-
6	BG	-
7	LG	-
8	G	-
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	V	-
18	BG	-
19	GR	-

20	LG	-
30	R	-
31	L	-
32	BG	-
33	P	-
34	V	-
35	BR	-
36	W	-
37	Y	-
38	R	-
39	B	-
40	G	-
41	W	-
42	LG	-
43	SB	-
44	GR	-
45	BG	-
46	LG	-
47	V	-
48	P	-
49	L	-
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

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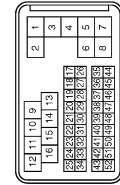
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA3PFE-RS8-S1Z8



43	R	
46	SHIELD	
47	W/L	
48	L/G	
49	O/L	
50	L/Y	
51	W	
52	L/G	

Connector No.	F7
Connector Name	SWAP GANISTER PULSE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS-LGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	GR	

Connector No.	F8
Connector Name	CONDENSER
Connector Type	M02FW-LG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	B	

Connector No.	F11
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	B	
3	W	

Connector No.	F12
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	B	
3	W	

Connector No.	F13
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]

1	L	
2	B	
3	W	

Connector No.	F14
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
2	B	
3	W	

Connector No.	F15
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	B	
3	W	

JCMWMM6356G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F16
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSDUCER)
Connector Type	EDPFCY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	W	-

Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EDPFC-RS-LGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	-

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EDPFC-RS-LGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-

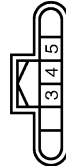
2	R
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Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH06FE



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	P	-
3	SB	-
4	LG	-
5	Y	-

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH06FE



Terminal No.	Color of Wire	Signal Name [Specification]
3	BR	-
4	Y	-
5	GR	-

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-MS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
9	Y	-
10	GR	-
19	O	-
20	Y	-
28	B	-
29	LG	-
30	R	-
31	R	-
41	O	-
42	BR	-
43	P	-
44	L	-
45	Y	-
46	V	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

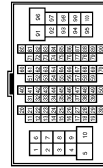
Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	R	-
3	G	-
4	G	-
5	G	-
6	BR	-
7	BR	-
8	Y	-
9	W	-
10	GR	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	BG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	-
44	GR	- [With A/T] - [With M/T]
45	BG	-
46	G	-
47	P	-
48	P	-

49	L	-
50	B	-
51	Y	-
52	C	-
53	R	-
54	W	-
55	G	-
56	SB	-
57	R	-
58	V	-
59	W	-
60	L	-
61	BG	-
62	W	-
63	L	-
64	BG	-
65	G	-
66	V	-
67	V	-
68	B	-
69	SB	-
70	G	-
71	W	-
72	B	-
73	Y	-
74	W	-
75	L	-
76	BG	-
77	G	-
78	W	-
79	SB	-
80	W	-
81	W	-
82	W	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SB	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
96	P	-
97	SHIELD	-
98	V	-
99	V	-
100	SB	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	LG	-
3	G	-
4	V	-
5	L	-
6	B	-
9	L	-
10	BR	-
12	SHIELD	-

66	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	LG	-
82	Y	-
83	BR	-
84	V	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	G	-
94	P	-
95	GR	-
96	Y	-
97	SB	-
99	Y	-
100	Y/B	-

13	V	-
14	BR	-
15	GR	-
16	LG	-
17	L	-
20	BR	-
21	G	-
22	R	-
23	SB	-
24	B	-
25	W	-
26	Y	-
27	V	-
28	P	-
29	V	-
31	SHIELD	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	-
37	L	- [With climate controlled seat] - [Without climate controlled seat]
38	V	-
38	GR	- [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-
44	Y	-
45	BR	-
46	SB	-
47	SB	-
48	LG	-
48	LG	- [With BOSE system] - [Without BOSE system]
49	SB	-
50	SB	- [With BOSE system] - [Without BOSE system]
50	LG	-
51	R	-
52	V	-
53	P	-
54	BR	-
55	Y	- [With A/T] - [With M/T]
55	BG	-
56	L	-
57	V	-
60	LG	-
61	BG	-
62	B	-
63	V	-
64	SR	-
65	BR	-

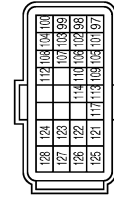
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

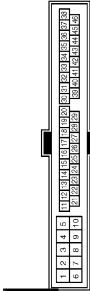
BATTERY POWER SUPPLY FUSE No. 50

Connector No.	M107
Connector Name	ECM
Connector Type	RN24FGY-R28-R-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
97	R	AFS 1
98	P	AFS 2
99	L	AVCC 1-APS 1
100	W	GND-A-APS 1
101	SB	ASCDSW
102	G	ETPRS
103	G	AVCC 2-APS 2
104	GR	GND-APS 2
105	L	PDPRESS
106	LG	TF
107	BR	AVCC-PDPRES
108	Y	GND ASCDSW
109	G	NEUT-H
110	BR	TACHO
112	R	GND-PDPRES
113	P	VEHCAN-LI
114	L	VEHCAN-HI
117	V	KLINE
121	LG	CDCV
122	P	BRAKE
123	B	GND
124	B	GND
125	R	VBR
126	BR	BNGSW
127	B	GND
128	B	GND

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MP-MS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	
3	BG	
4	R	
5	B	
9	R	
10	R	
19	BG	
20	Y	
28	GR	
29	LG	
30	LG	
31	W	
41	BG	
42	G	
43	P	
44	L	
45	G	
46	Y	

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POWER SUPPLY ROUTING CIRCUIT

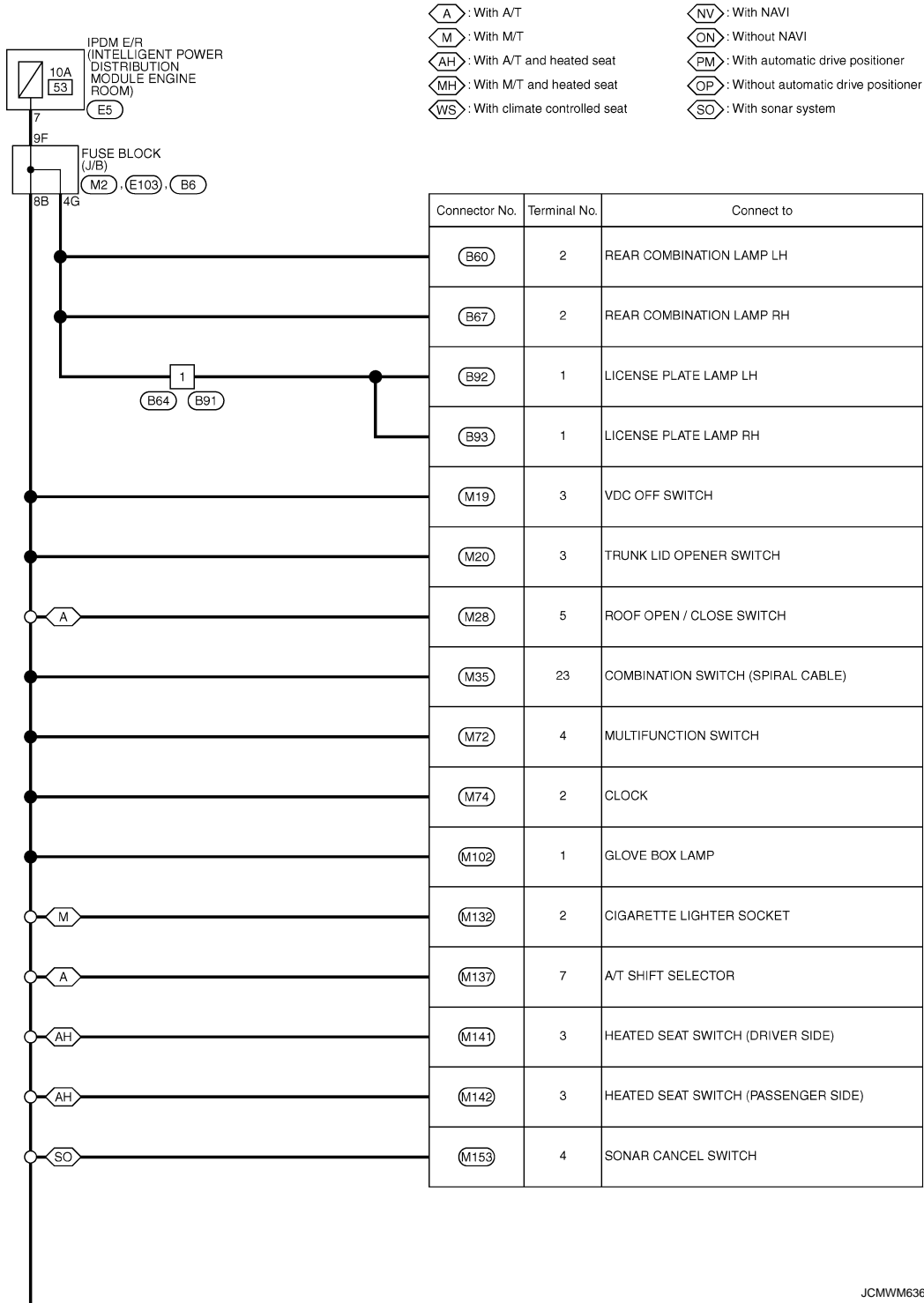
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

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BATTERY POWER SUPPLY FUSE No. 53

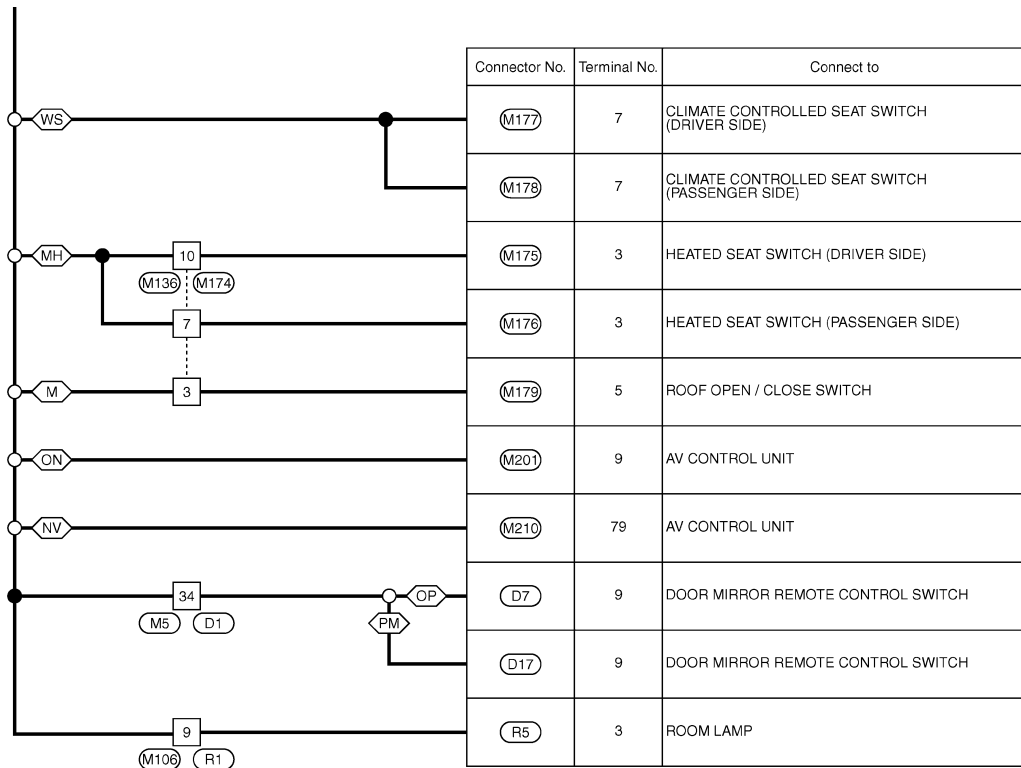


JCMWM6360G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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JCMWM6361GI

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



5G	4G	6G	10G	11G	12G
3G	2G	1G	8G	7G	6G

Terminal No.	Color of Wire	Signal Name [Specification]
4G	R	-
5G	LG	-
6G	G	-
10G	P	-
11G	G	-
12G	Y	-

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NS08MW-CS



1	6
2	3
3	4
4	5

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-
3	B	-
4	LG	-
5	W	-
6	BG	-

Connector No.	B64
Connector Name	WIRE TO WIRE
Connector Type	RK02FGY



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-

Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS08MP-CS



1	6
2	3
3	4
4	5

Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	R	-
3	B	-
4	Y	-
6	BG	-

Connector No.	B91
Connector Name	WIRE TO WIRE
Connector Type	RK02MGY



2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-

Connector No.	B92
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RV02FBR



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-

Connector No.	B93
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RV02FBR



1	2
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Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-

JCMW6362G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH20PW-CS15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	P	-
6	SB	-
7	R	-
8	G	-
9	P	-
10	LG	-
11	W	-
12	L	-
13	B	-
14	V	-
15	Y	-
16	Y/B	-
17	Y	-
20	V	-
21	R	-
22	P	-
23	O	-
24	Y	-
25	SB	-
26	GR	-
27	GR	-
28	LG	-
29	G	-
30	Y	-
31	W	-
32	BR	-
33	L	-
34	R	-
35	V	-
37	B	-
38	O	-
39	GR	-
40	G	-
41	Y	-
42	LG	-
43	BR	-

44	V	-
45	P	-
46	W	-
47	V	-
48	P	-
49	W	-
50	SB	-
51	R	-
52	L	-

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK18FW

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	Y	-
3	P	-
5	LG	-
6	SB	-
7	V	-
8	B	-
9	R	-
10	V	-
12	G	-
13	GR	-
14	BR	-
15	O	-
16	W	-

Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK18FBR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	Y	-
3	O	-
4	BR	-
5	LG	-
8	SB	-
7	B	-
8	P	-
8	B	-
9	R	-
10	GR	-
11	LG	-
12	G	-
13	W	-
15	Y	-

Connector No.	E5
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20PW-CS12-MA-IV

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
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Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	-
11	BR	-
12	B/W	-
13	Y	-
16	LG	-

19	W	-
25	G	-
26	R	-
27	BG	-
28	L	-
30	GR	-
32	V	-
33	P	-
36	G	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FW-CS

7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	-

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JCMWM6363GI

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

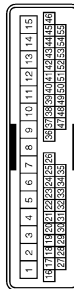
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	HS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
2B	R	-
3B	P	-
4B	G	-
5B	EG	-
6B	Y	-
7B	P	-
8B	R	-
9B	SB	-

Connector No.	M5
Connector Name	WIRE TO WIPE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
4	R	-
5	B	-
6	EG	-
7	W	-
8	B	-
9	G	-
10	V	-
11	W	-
12	L	-
13	B	-
14	GR	-
15	Y	-
16	Y/B	-
17	Y	-

20	EG	-
21	W	-
22	P	-
23	EG	-
24	BR	-
25	BR	-
26	R	-
27	P	-
28	LG	-
29	SB	-
30	G	-
31	V	-
32	BR	-
33	GR	-
34	G	-
35	L	-
37	B	-
38	G	- [With automatic drive positioner]
38	L	- [Without automatic drive positioner]
39	BR	- [With automatic drive positioner]
39	Y	- [Without automatic drive positioner]
40	Y	-
41	BR	- [With automatic drive positioner]
41	G	- [Without automatic drive positioner]
42	R	-
43	G	-
44	Y	-
45	GR	-
46	BR	-
47	V	-
48	LG	-
49	P	-
50	SB	-
51	GR	-
52	L	-

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK0BFY



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-

2	B	-
3	SB	-
4	W	-

Connector No.	M20
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TK04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	BR	-
3	LG	-
4	R	-

Connector No.	M28
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TK08FW-1V



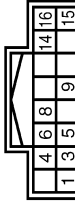
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	V	-
4	BR	-
5	R	-
6	GR	-

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-1V



Terminal No.	Color of Wire	Signal Name [Specification]
23	R	-
28	Y	-
29	Y	-
30	Y	-

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	L	AGC
3	L	ILL
4	EG	ILL CONT
5	V	AV COMM (H)
6	SB	AV COMM (L)
8	LG	SW GND
9	BR	DISK EJECT SIGNAL
14	SB	HAZARD ON
16	G	-

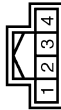
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M174
Connector Name	CLOCK
Connector Type	TH04FW-NH



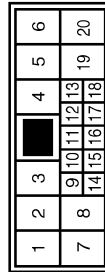
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	ILLUMINATION (-)
2	L	ILLUMINATION (+)
3	B	GND
4	Y	BAT

Connector No.	M102
Connector Name	GLOVE BOX LAMP
Connector Type	A0DFW



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	B	

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
1		
2		

1	B	
2	BR	
3	Y	
4	G	
5	SHIELD	
6	R	
7	B	
8	L	
9	R	
10	SB	
11	V	
12	LG	
18	B	
19	P	
20	Y	

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03FF-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	BR	
3	P	

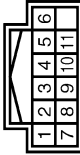
Connector No.	M136
Connector Name	WIRE TO WIRE
Connector Type	TH2ZFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	BR	

3	R	
4	GR	
5	W	
6	W	
7	R	
8	GR	
9	SB	
10	R	
11	L	
12	GR	
16	B	
21	GR	
22	W	
23	GR	
24	W	

Connector No.	M137
Connector Name	A-7 SHIFT SELECTOR
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	V	
3	L	
4	BR	
5	G	
7	Y	
8	SB	
9	B	
10	GR	
11	R	

Connector No.	M141
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	GR	
3	R	
4	W	
5	W	
6	GR	

Connector No.	M142
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
2	SB	
3	R	
4	W	
5	W	
6	GR	

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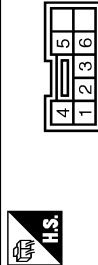
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

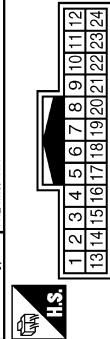
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M153
Connector Name	SONAR CANCEL SWITCH
Connector Type	TK08FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	W	-
3	B	-
4	BG	-
5	L	-
6	BR	-

Connector No.	M174
Connector Name	WIRE TO WIRE
Connector Type	TH24MV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	BR	-
3	R	-
4	GR	-
5	W	-
6	LG	-
7	R	-
8	P	-
9	SB	-
10	O	-
11	L	-
12	G	-
16	B	-
21	GR	-
22	W	-
23	B	-

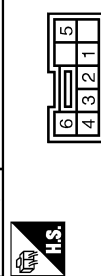
24	Y	-
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Connector No.	M175
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	O	-
4	W	-
5	LG	-
6	B	-

Connector No.	M176
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



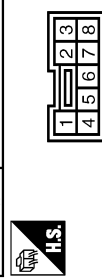
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	SB	-
3	R	-
4	Y	-
5	W	-
6	GR	-

Connector No.	M177
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



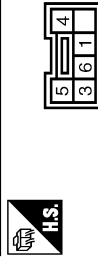
Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	V	-
3	P	-
4	BR	-
5	GR	-
6	B	-
7	R	-
8	R	-

Connector No.	M178
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



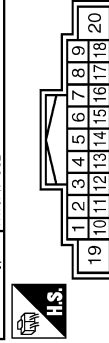
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-
4	BG	-
5	Y	-
6	B	-
7	R	-
8	R	-

Connector No.	M179
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TK08FW-IV



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	V	-
4	BR	-
5	R	-
6	GR	-

Connector No.	M201
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL-FRONT LH (+)
3	W	SOUND SIGNAL-FRONT LH (-)
4	LG	SOUND SIGNAL-REAR LH (+)
5	SB	SOUND SIGNAL-REAR LH (-)
6	P	STRG SW A
7	V	ACC
9	L	ILLUMINATION
11	BR	SOUND SIGNAL-FRONT RH (+)
12	GR	SOUND SIGNAL-FRONT RH (-)
13	L	SOUND SIGNAL-REAR RH (+)
14	P	SOUND SIGNAL-REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
18	G	GND
19	BR	BATTERY
20	B	GND

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH22FN-NH



61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
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Terminal No.	Color of Wire	Signal Name [Specification]
65	SB	PARKING BRAKE
67	P	COMPOSITE IMAGE GND
68	L	COMPOSITE IMAGE SIGNAL
71	SHIELD	MICROPHONE SHIELD
72	G	MICROPHONE VCC
73	LG	COMM (CONT->DISP)
74	P	CAN-L
75	LG	AV COMM (L)
76	LG	AV COMM (L)
79	L	ILLUMINATION
80	G	IGNITION
81	BG	REVERSE SIGNAL
82	GR	VEHICLE SPEED (8-PULSE)
83	SHIELD	SHIELD
87	R	MICROPHONE SIGNAL
88	B	SHIELD
89	L	COMM (DISP->CONT)
90	L	CAN-H
91	SB	AV COMM (H)
92	SB	AV COMM (H)

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-C510



6	5	4	3	2	1				
20	19	18	17	16	15	14	9	8	7

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	BR	

3	Y	
4	W	
5	SHIELD	
6	O	
7	B	
8	L	
9	Y	
10	B	
11	V	
12	R	
18	B	
19	BR	
20	G	

Connector No.	R5
Connector Name	ROOM LAMP
Connector Type	TK08FGY



3	4	6	7	8
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Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	
4	B	
6	B	
7	V	
8	R	

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

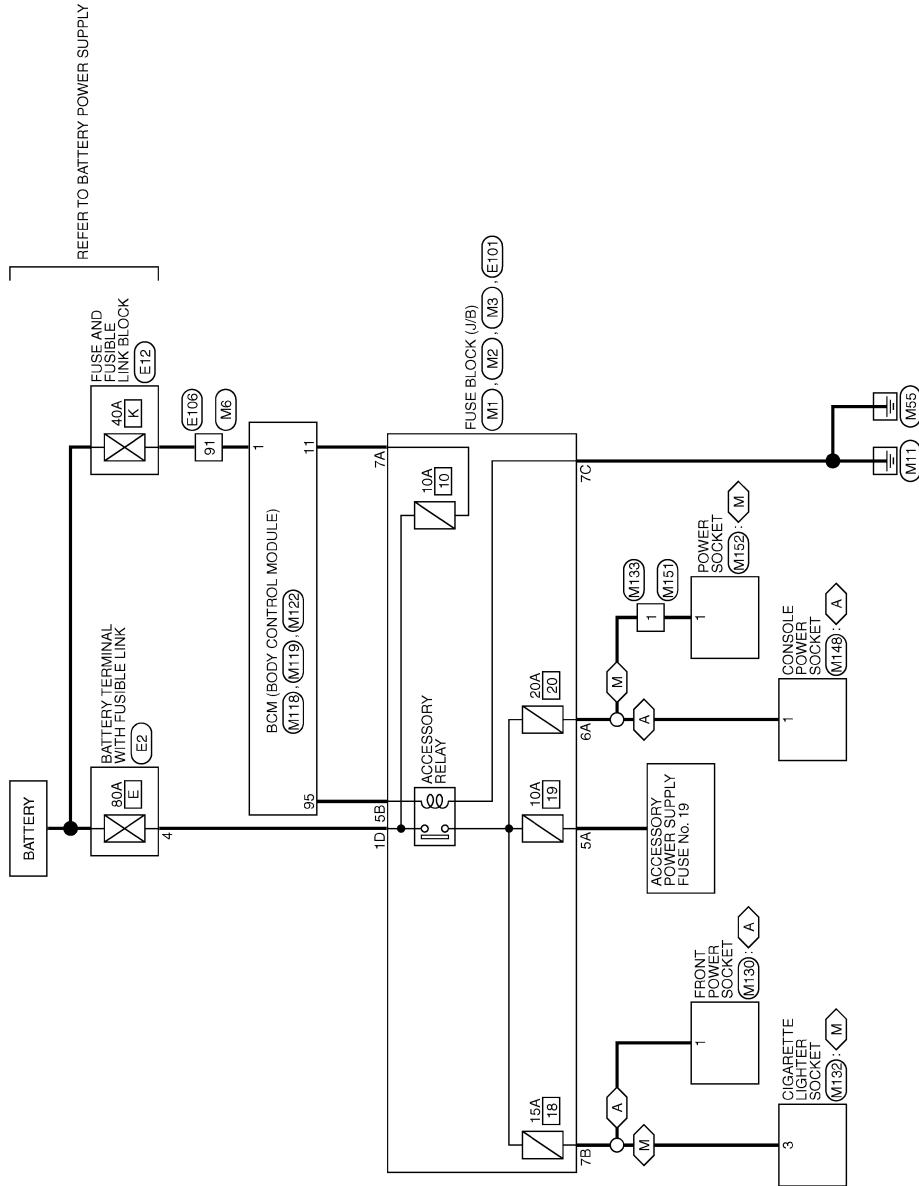
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY

◁ : With A/T
 ▷ : With M/T



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JCMWM6368G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LOPEY-MC



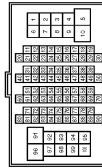
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
4	R	-

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LOPEY-MC



Terminal No.	Color of Wire	Signal Name [Specification]
1D	R	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	BG	-
4	B/W	-

5	G	-
6	BG	-
7	LG	-
8	G	-
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	V	-
18	BG	-
19	GR	-
20	LG	-
30	R	-
31	L	-
32	BG	-
33	P	-
34	V	-
35	BR	-
36	W	-
37	Y	-
38	R	-
39	B	-
40	G	-
41	W	-
42	LG	-
43	SB	-
44	GR	-
45	BG	-
46	LG	-
47	V	-
48	P	-
49	L	-
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-

91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-



Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	-
6A	Y	-
7A	GR	-
8A	L	-

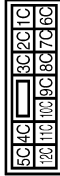
Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	P	-
4B	G	-

5B	BG	-
6B	V	-
7B	P	-
8B	R	-
9B	SB	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
8C	R	-
7C	B	-
8C	W	-
9C	BG	-
10C	L	-
11C	LG	-
12C	R	-

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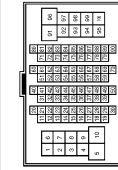
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM)



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	R	-
3	G	-
4	G	-
5	BR	-
6	BR	-
7	BR	-
8	Y	-
9	W	-
10	W	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	BG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	- [With A/T] - [With M/T]
45	BG	-
46	G	-
47	P	-
48	P	-

49	L	-
59	B	-
66	Y	-
67	C	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SB	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BAT (F/L)
2	Y	POWER WINDOW POWER SUPPLY (BAT)
3	BG	POWER WINDOW POWER SUPPLY (RAP)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS18FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	LG	INTERIOR ROOM LAMP POWER SUPPLY
5	P	PASSENGER DOOR UNLOCK OUTPUT
7	SB	STEER LAMP
8	V	ALL DOOR FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	GR	BAT (FUSE)
13	B	GND
14	W	PUSH-BUTTON IGNITION SW (L/GND)
15	BG	ACC IND
17	BR	TURN SIGNAL RH (FRONT)
18	BG	TURN SIGNAL LH (FRONT)
19	V	ROOM LAMP TIMER CONTROL

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
72	R	ROOM ANT 2-
73	G	ROOM ANT 2+
74	SB	PASSENGER DOOR ANT-
75	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	Y	ROOM ANT 1-
79	BR	ROOM ANT 1+
80	GR	NATS ANTENNA AMP
81	W	NATS ANTENNA AMP

82	R	IGN RELAY (F/B) CONT
83	Y	KEYLESS ENTRY RECEIVER COMM
87	Y	COMBI SW INPUT 5
88	BG	COMBI SW INPUT 3
89	BR	PUSH SW
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	BG	ACC RELAY CONT
96	GR	A/T SHIFT SELECTOR POWER SUPPLY
97	L	S/L CONDITION 1
98	SB	S/L CONDITION 2
99	R	SHIFT P [With A/T]
99	R	ASGD/ICC CLUTCH SW [With M/T]
100	Y	PASSENGER DOOR REQUEST SW
101	P	DRIVER DOOR REQUEST SW
102	BG	BLOWER FAN MOTOR RELAY CONT
103	LG	KEYLESS ENTRY RECEIVER POWER SUPPLY
106	W	S/L UNIT POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	W	COMBI SW INPUT 2
110	G	HAZARD SW
111	Y	S/L UNIT COMM

Connector No.	M130
Connector Name	FRONT POWER SOCKET
Connector Type	F02FB-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	B	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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ACCESSORY POWER SUPPLY

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	P	-

Connector No.	M133
Connector Name	WIRE TO WIRE
Connector Type	MD2FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-

Connector No.	M148
Connector Name	CONSOLE POWER SOCKET
Connector Type	P02FE-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-

2	B	-
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Connector No.	M151
Connector Name	WIRE TO WIRE
Connector Type	MD2MB-P-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-

Connector No.	M152
Connector Name	POWER SOCKET
Connector Type	P02FB-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

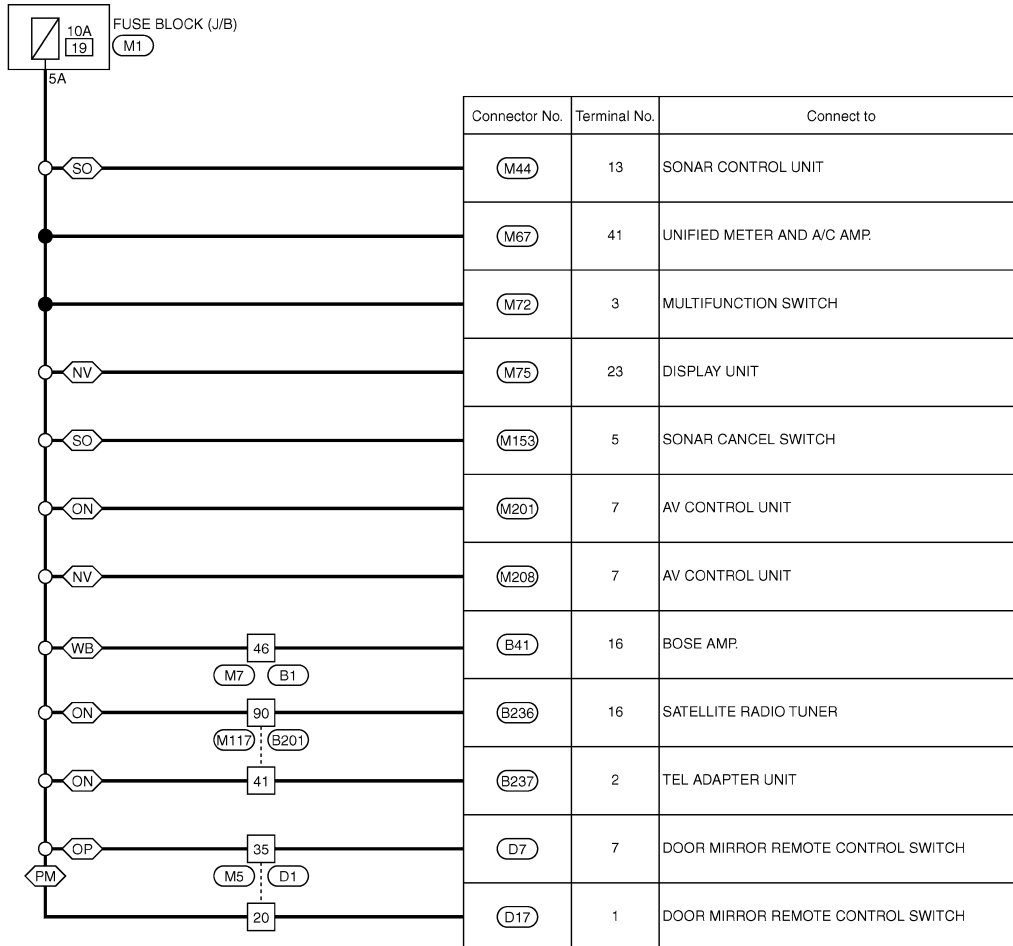
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE No. 19

- ⬡WB⬡ : With BOSE system
- ⬡NV⬡ : With NAVI
- ⬡ON⬡ : Without NAVI
- ⬡OP⬡ : Without automatic drive positioner
- ⬡PM⬡ : With automatic drive positioner
- ⬡SO⬡ : With sonar system



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JCMWM6372G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

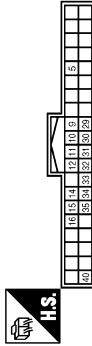
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L	
3	R	
4	V	
5	W	
6	B	
7	G	
8	BR	
9	SB	
10	BR	
12	SHIELD	
13	Y	
14	L	
15	R	
16	W	
17	BR	
20	G	
21	SB	
22	GR	
23	W	
24	SB	
25	BR	
26	LG	
27	Y	
28	R	
29	V	
31	SHIELD	
32	G	
33	R	
34	BG	
35	GR	
36	BR	
37	P	- [With climate controlled seat]
37	Y	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	
41	L	
42	P	
43	SHIELD	

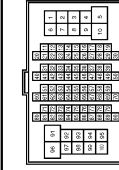
44	SB	
45	V	
46	W	
47	SB	
48	LG	
49	Y	- [With BOSE system]
49	Y	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	SB	
52	G	
53	LG	
54	BR	
55	Y	
56	W	
57	V	
60	R	
61	BG	
62	B	
63	L	
64	P	
65	B	
66	SB	
67	P	
68	L	
69	P	
70	L	
80	G	
81	V	
82	R	
83	BR	
84	G	
85	L	
86	Y	
87	GR	
91	R	
93	BG	
94	P	
95	GR	
96	GR	
97	SB	
99	Y	
100	Y/B	

Connector No.	B41
Connector Name	BOSE AMP.
Connector Type	TH80PW-TM1



Terminal No.	Color of Wire	Signal Name [Specification]
9	L	SOUND SIGNAL LH (-)
10	G	SOUND SIGNAL RH (-)
11	G	MICROPHONE SIGNAL (-)
12	SB	VOICE GUIDANCE SIGNAL (-)
14	LG	AV COMM (L)
15	LG	AV COMM (L)
16	W	ACC
29	P	SOUND SIGNAL LH (+)
30	R	SOUND SIGNAL RH (+)
31	Y	MICROPHONE SIGNAL (+)
32	V	VOICE GUIDANCE SIGNAL (+)
33	SHIELD	SHIELD
34	SB	AV COMM (H)
35	SB	AV COMM (H)
40	V	ROOF STATUS SIGNAL (AUDIO)

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
3	B	
5	W	
6	R	
7	B	- [With climate controlled seat]
7	G	- [Without climate controlled seat]
8	BG	

9	GR	
10	LG	
40	GR	
41	LG	
42	BG	
43	R	
44	SHIELD	
45	G	
47	G	
48	Y	
49	SHIELD	
50	P	
51	SB	
52	LG	
53	L	
54	G	
55	GR	
56	LG	
57	G	
58	R	
67	L	
68	P	
80	G	
81	R	
82	W	
83	B	
84	SHIELD	
85	O	
86	BR	
87	Y	
88	SHIELD	
89	SB	
90	V	
91	GR	
92	P	- [With BOSE system]
92	Y	- [Without BOSE system]
93	L	
94	SB	
95	V	
96	P	
97	L	
97	LG	- [With BOSE system]
98	Y/B	- [Without BOSE system]
99	Y	

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	B236
Connector Name	SATELLITE RADIO TUNER
Connector Type	A18FW



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Terminal No.	Color of Wire	Signal Name [Specification]
1	G	SATELLITE RADIO SOUND SIGNAL LH (-)
2	R	SATELLITE RADIO SOUND SIGNAL LH (+)
3	W	SATELLITE RADIO SOUND SIGNAL RH (-)
4	B	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
8	Y	REQUEST (SAT->CONT)
9	O	COMM (SAT->CONT)
10	BR	COMM (CONT->SAT)
12	SB	BATTERY
15	B	GND
16	V	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH22FW-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BATTERY
2	LG	ACC
3	BG	IGNITION
4	B	GND
5	SHIELD	SHIELD
7	R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	Y	TEL VOICE SIGNAL (+)
10	G	TEL VOICE SIGNAL (-)
14	B	GND

16	P	ROOF STATUS SIGNAL (AUDIO)
21	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
27	P	CONTROL SIGNAL
28	P	VEHICLE SPEED (8-PULSE)
29	G	MICROPHONE VCC

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	- [With A/T]
5	P	- [With M/T]
6	B	- [With M/T]
7	R	-
8	G	-
9	P	-
10	LG	-
11	W	-
12	L	-
13	B	-
14	V	-
15	Y	-
16	Y/B	-
17	Y	-
20	V	-
21	R	-
22	P	-
23	O	-
24	Y	-
25	SB	-
26	GR	-
27	GR	-
28	LG	-
29	G	-
30	Y	-
31	W	-
32	BR	-
33	L	-
34	R	-

35	V	-
37	B	-
38	O	-
39	GR	-
40	G	-
41	Y	-
42	LG	-
43	BR	-
44	V	-
45	P	-
46	W	-
47	V	-
48	P	-
49	W	-
50	SB	-
51	R	-
52	L	-

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FW



1	2	3	4	5	6	7
---	---	---	---	---	---	---

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	Y	-
3	P	-
8	LG	-
9	SB	-
7	V	-
8	B	-
9	R	-
10	V	-
12	G	-
13	W	-
15	Y	-
16	W	-

Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FBR



1	2	3	4	5	6	7
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Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	Y	-
3	O	-
4	BR	-
5	LG	-
6	SB	-
7	B	-
8	P	- [With A/T]
9	B	- [With M/T]
10	GR	-
11	LG	-
12	G	-
13	W	-
15	Y	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

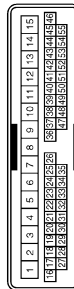
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS38FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	- [With automatic drive positioner]
6A	Y	- [Without automatic drive positioner]
7A	GR	- [With automatic drive positioner]
8A	L	- [Without automatic drive positioner]

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
4	R	-
5	B	-
6	BG	-
7	W	-
8	B	-
9	G	-
10	V	-
11	W	-
12	L	-
13	B	-
14	GR	-
15	Y	-
16	Y/B	-
17	Y	-

20	BG	-	-
21	W	-	-
22	P	-	-
23	BG	-	-
24	V	-	-
25	BR	-	-
26	R	-	-
27	P	-	-
28	LG	-	-
29	SB	-	-
30	G	-	-
31	V	-	-
32	BR	-	-
33	GR	-	-
34	G	-	-
35	L	-	-
37	B	-	-
38	G	-	- [With automatic drive positioner]
39	L	-	- [Without automatic drive positioner]
39	BR	-	- [With automatic drive positioner]
39	L	-	- [Without automatic drive positioner]
40	Y	-	-
41	BR	-	- [With automatic drive positioner]
41	G	-	- [Without automatic drive positioner]
42	R	-	-
43	G	-	-
44	Y	-	-
45	GR	-	-
46	BR	-	-
47	V	-	-
48	LG	-	-
49	P	-	-
50	SB	-	-
51	GR	-	-
52	L	-	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-

56	L	-	-
57	V	-	-
60	LG	-	-
61	BG	-	-
62	B	-	-
63	V	-	-
64	SB	-	-
65	BR	-	-
66	Y	-	-
67	P	-	-
68	L	-	-
69	P	-	-
70	L	-	-
80	G	-	-
81	LG	-	-
82	Y	-	-
83	BR	-	-
84	V	-	-
85	L	-	-
86	Y	-	-
87	GR	-	-
91	R	-	-
93	G	-	-
94	P	-	-
95	GR	-	-
96	Y	-	-
97	SB	-	-
99	Y	-	-
100	Y/B	-	-

2	LG	-	-
3	G	-	-
4	V	-	-
5	L	-	-
6	B	-	-
9	L	-	-
10	BR	-	-
12	SHIELD	-	-
13	V	-	-
14	BR	-	-
15	GR	-	-
16	LG	-	-
17	L	-	-
20	BR	-	-
21	G	-	-
22	R	-	-
23	SB	-	-
24	B	-	-
25	W	-	-
26	Y	-	-
27	V	-	-
28	P	-	-
29	V	-	-
31	SHIELD	-	-
32	G	-	-
33	R	-	-
34	BG	-	-
35	GR	-	-
36	BR	-	-
37	L	-	- [With climate controlled seat]
37	L	-	- [Without climate controlled seat]
38	V	-	-
38	GR	-	- [With climate controlled seat]
38	GR	-	- [Without climate controlled seat]
40	SHIELD	-	-
41	L	-	-
42	B	-	-
43	SHIELD	-	-
44	Y	-	-
45	BR	-	-
46	SB	-	-
47	SB	-	-
48	LG	-	-
49	LG	-	- [With BOSE system]
49	SB	-	- [Without BOSE system]
50	SB	-	- [With BOSE system]
50	LG	-	- [Without BOSE system]
51	R	-	-
52	V	-	-
53	P	-	-
54	BR	-	-
55	Y	-	- [With A/T]
55	BG	-	- [With M/T]

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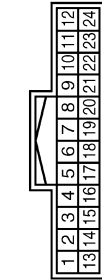
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

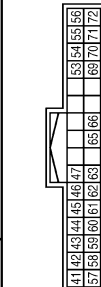
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M44
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGN
2	SB	CANCEL SW SIGNAL
5	LG	CORNER SENSOR SIGNAL REAR LH
6	L	CORNER SENSOR SIGNAL REAR RH
7	BR	CENTER SENSOR SIGNAL REAR LH
8	GR	CENTER SENSOR SIGNAL REAR RH
11	BR	CANCEL SW INDICATOR
12	V	SENSOR GND
13	LG	ACC
17	BG	F RANGE SIGNAL
18	V	K LINE
19	SB	AV COMM (H)
20	LG	AV COMM (L)
24	GR	GND

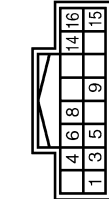
Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH22PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
41	BR	ACC POWER SUPPLY
42	BR	FUEL LEVEL SENSOR SIGNAL
43	R	INTAKE SENSOR SIGNAL
44	LG	IN-VEHICLE SENSOR SIGNAL
45	V	AMBIENT SENSOR SIGNAL
46	BG	SUNLOAD SENSOR SIGNAL
47	G	GAS SENSOR SIGNAL
53	W	IGNITION POWER SUPPLY

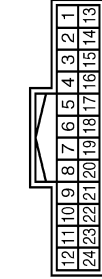
54	BG	BATTERY POWER SUPPLY
55	B	GROUND
56	L	CAN-H
57	LG	BRAKE FLUID LEVEL SWITCH SIGNAL
58	V	FUEL LEVEL SENSOR SIGNAL GROUND
59	GR	INTAKE SENSOR GROUND
60	L	IN-VEHICLE SENSOR GROUND
61	R	AMBIENT SENSOR GROUND
62	SB	SUNLOAD SENSOR GROUND
63	L	ION CONTROL MODE OUTPUT SIGNAL
65	BG	ECV SIGNAL
69	L	A/C LAN SIGNAL
70	R	EACH DOOR MOTOR POWER SUPPLY
71	GR	GROUND
72	P	CAN-L

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH16FW-NH



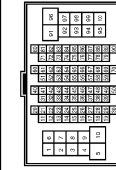
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	L	ACC
4	BG	ILL
5	V	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)
9	BR	SW GND
14	SB	DISK EJECT SIGNAL
16	G	HAZARD ON

Connector No.	M75
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	B	SHIELD
8	G	CAMERA IMAGE SIGNAL
9	L	COMM (DISP->CONT)
10	LG	COMM (CONT->DISP)
11	Y	BATTERY
12	B	GND
18	L	COMPOSITE IMAGE SIGNAL
19	P	COMPOSITE IMAGE GND
22	B	SHIELD
23	LG	ACC

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS (6-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	B	-
5	SB	-
6	R	-
7	G	-
8	SB	-
9	GR	-
10	LG	-
40	Y	-
41	G	-
42	LG	-

43	R	-
44	SHIELD	-
45	G	-
47	P	-
48	L	-
49	SHIELD	-
50	V	-
51	SB	-
52	BG	-
53	L	-
54	G	-
55	Y	-
56	LG	-
57	SB	-
58	LG	-
67	SB	-
68	LG	-
80	W	-
81	B	-
82	R	-
83	G	-
84	SHIELD	-
85	G	-
86	L	-
87	P	-
88	SHIELD	-
89	Y	-
90	W	-
91	GR	-
92	P	-
93	W	-
94	BG	-
95	BG	-
96	P	-
97	L	-
98	Y/B	-
99	Y	-

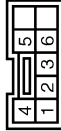
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M153
Connector Name	SONAR CANCEL SWITCH
Connector Type	TK28FW



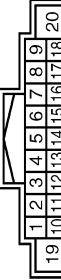
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	W	-
3	B	-
4	EG	-
5	L	-
6	BR	-

Connector No.	M201
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT LH (+)
3	W	SOUND SIGNAL FRONT LH (-)
4	LG	SOUND SIGNAL REAR LH (+)
5	SB	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
9	L	ILLUMINATION
11	BR	SOUND SIGNAL FRONT RH (+)
12	GR	SOUND SIGNAL FRONT RH (-)
13	L	SOUND SIGNAL REAR RH (+)
14	P	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
18	G	GND
19	BR	BATTERY
20	B	GND

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	P	SOUND SIGNAL LH (+)
3	L	SOUND SIGNAL LH (-)
6	P	STRG SW A
7	V	ACC
10	B	SHIELD
11	R	SOUND SIGNAL RH (+)
12	G	SOUND SIGNAL RH (-)
15	B	STRG SW GND
16	L	STRG SW B
19	BR	BATTERY
20	B	GND

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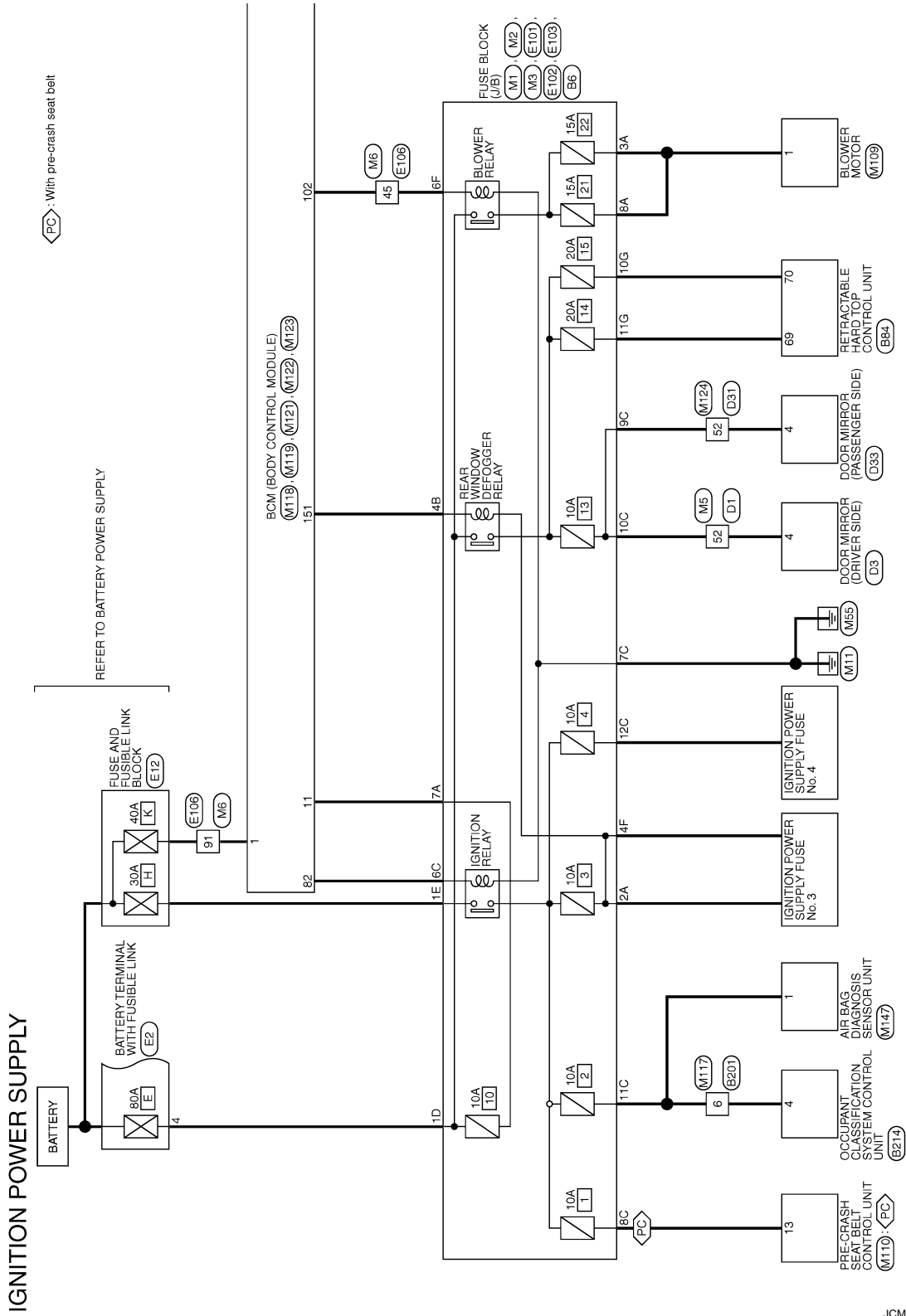
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY -

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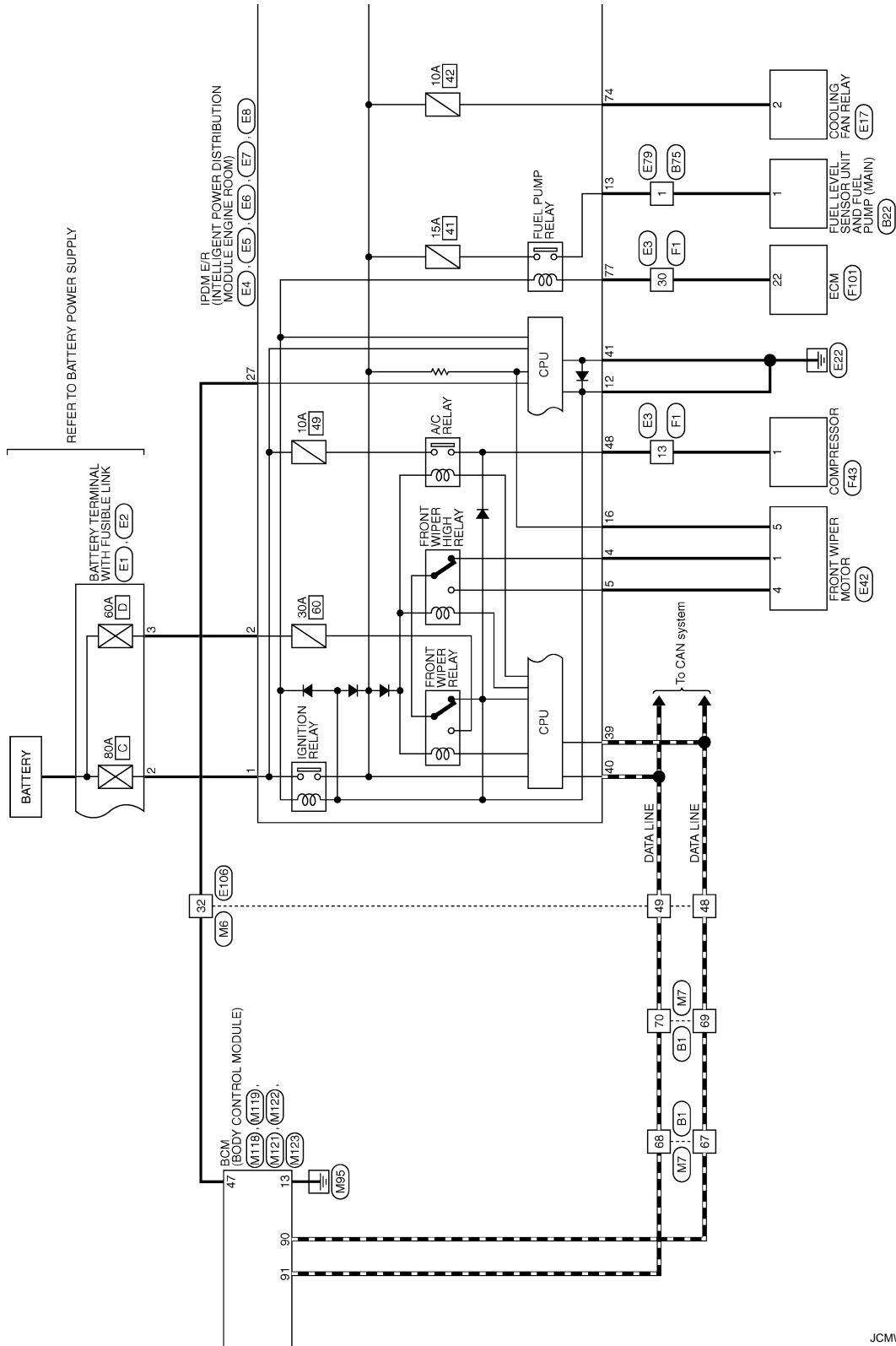
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



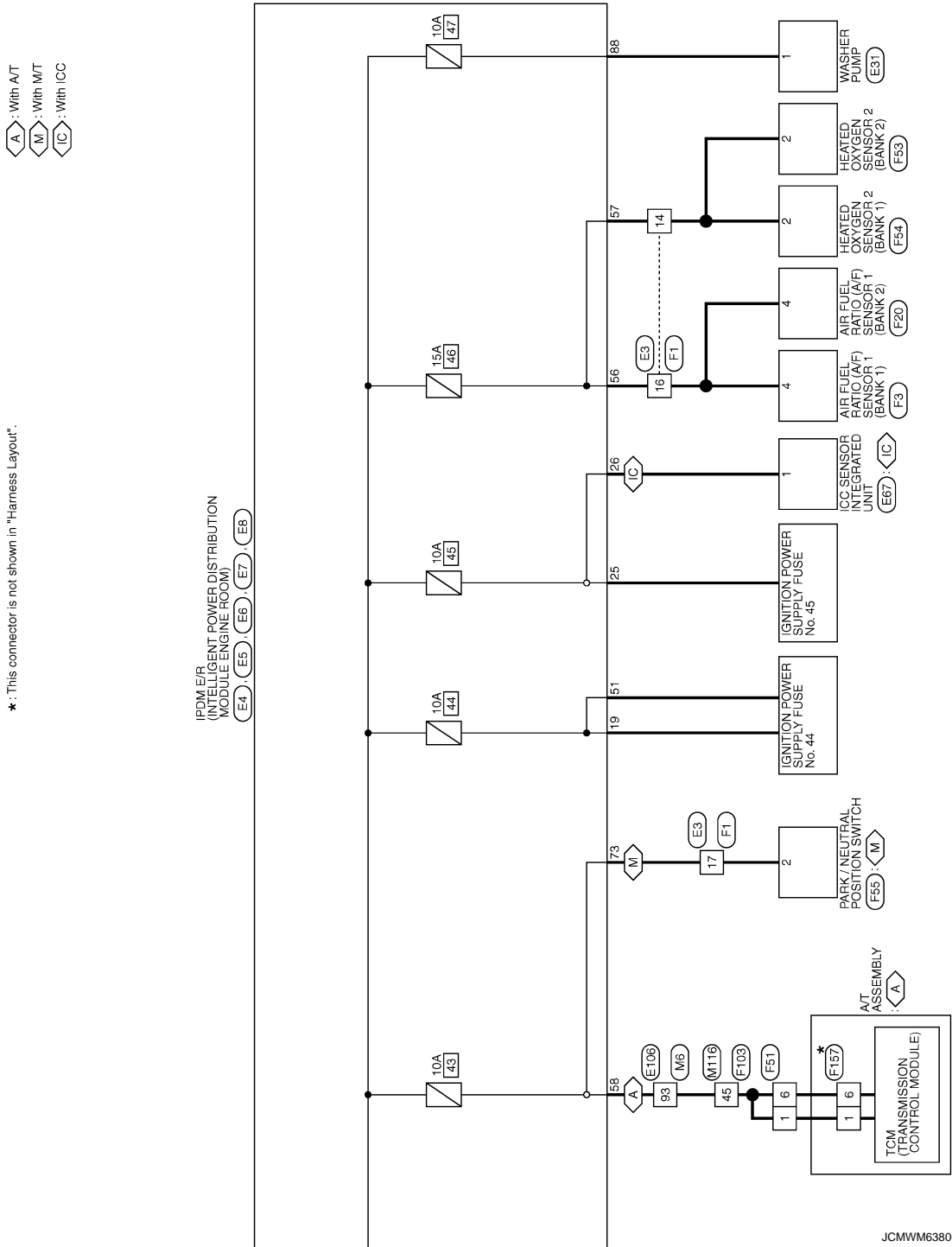
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

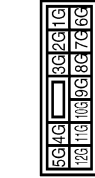
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-
3	R	-
4	V	-
5	W	-
6	B	-
7	G	-
8	G	-
9	G	-
10	BR	-
12	SHIELD	-
13	Y	-
14	L	-
15	R	-
16	W	-
17	BR	-
20	G	-
21	SB	-
22	GR	-
23	W	-
24	SB	-
25	BR	-
26	LG	-
27	Y	-
28	R	-
29	V	-
31	SHIELD	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat]
37	Y	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-

44	SB	-
45	V	-
46	W	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system]
49	Y	- [Without BOSE system]
50	SB	-
50	LG	- [With BOSE system]
50	LG	- [Without BOSE system]
51	SB	-
52	G	-
53	LG	-
54	BR	-
55	Y	-
56	W	-
57	V	-
60	R	-
61	BG	-
62	B	-
63	L	-
64	P	-
65	B	-
66	SB	-
68	L	-
69	P	-
70	L	-
80	G	-
81	V	-
82	R	-
83	BR	-
84	G	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	BG	-
94	P	-
95	GR	-
96	GR	-
97	SR	-
99	Y	-
100	Y/B	-

Connector No.	B6
Connector Name	FUSE BLOCK (L/B)
Connector Type	MS12FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4G	R	-
5G	LG	-
6G	G	-
10G	P	-
11G	G	-
12G	Y	-

Connector No.	B22
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)
Connector Type	ED05FY-RS



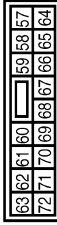
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	B	-
4	R	-
5	SB	-

Connector No.	B75
Connector Name	WIRE TO WIRE
Connector Type	MS2MW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	Y	-

Connector No.	B84
Connector Name	RETRACTABLE HARD TOP CONTROL UNIT
Connector Type	NS16PW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
57	Y	BAT
58	Y	BAT
59	Y	BAT
60	B	BAT
61	B	GND
62	GR	GND
63	Y	BAT (POWER WINDOW)
64	B	BAT (POWER WINDOW)
65	B	GND (POWER WINDOW)
66	P	SWITCHING VALVE 1
67	SB	SWITCHING VALVE 2
68	L	SWITCHING VALVE GND
69	G	REAR WINDOW DEF IN 2
70	P	REAR WINDOW DEF IN 1
71	BR	REAR WINDOW DEF OUT 1
72	W	REAR WINDOW DEF OUT 2

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY

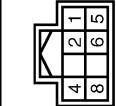
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
3	B	
5	W	
6	R	
7	B	
7	G	
8	BG	
9	GR	
10	LG	
40	GR	
41	LG	
42	BG	
43	R	
44	SHIELD	
45	G	
47	G	
48	Y	
49	SHIELD	
50	P	
51	SB	
52	LG	
53	L	
54	G	
55	GR	
56	LG	
57	G	
58	R	
67	L	
68	P	
80	G	
81	R	
82	W	
83	B	
84	SHIELD	
85	O	
86	BR	
87	Y	
88	SHIELD	

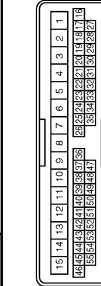
89	SB	
90	V	
91	GR	
92	P	
92	Y	
93	L	
94	SB	
95	V	
96	P	
97	L	
97	LG	
98	Y/B	
99	Y	

Connector No.	B214
Connector Name	ROOFPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	R	IGN
5	B	GND

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	
5	P	
5	B	
6	SB	

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH12MM-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	SD	
1	P	
2	O	
2	SB	
4	L	
5	O	
5	W	
6	GR	
6	BR	
7	G	
7	V	
8	B	
9	P	
10	BR	
11	W	
12	V	

7	R	
8	G	
9	P	
10	LG	
11	W	
12	L	
13	B	
14	V	
15	Y	
16	Y/B	
17	Y	
20	V	
21	R	
22	P	
23	O	
24	Y	
25	SB	
26	GR	
27	GR	
28	LG	
28	G	
30	Y	
31	W	
32	BR	
33	L	
34	R	
35	V	
37	B	
38	O	
39	GR	
40	G	
41	Y	
42	LG	
43	BR	
44	V	
45	P	
46	W	
47	V	
48	P	
49	W	
50	SB	
51	R	
52	L	

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH4CPV-CS15

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
9	8	7	6	5	4	3	2	1						



Terminal No.	Color of Wire	Signal Name [Specification]
6	BR	-
7	R	-
8	G	-
9	P	-
10	LG	-
11	W	-
12	L	-
13	B	-
14	Y	-
15	W	-
34	Y	-
35	Y/B	-
38	O	-
39	GR	-
40	G	-
41	Y	-
42	LG	-
43	BR	-
44	V	-
45	P	-
46	W	-
47	V	-
48	P	-
49	W	-
50	SB	-
51	R	-
52	L	-
53	O	-
54	GR	-
55	G	-

Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH12MP-NH

5	6	7	2	1	4
12	11	10	9		8



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	- [With automatic drive positioner]
2	Y	- [Without automatic drive positioner]
2	Y	- [With automatic drive positioner]
4	L	- [Without automatic drive positioner]
5	O	- [With automatic drive positioner]
5	GR	- [Without automatic drive positioner]
6	GR	- [With automatic drive positioner]
7	G	- [Without automatic drive positioner]
7	O	- [With automatic drive positioner]
8	B	-
9	P	-
10	BR	-
11	W	-
12	V	-

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FBR-MC

1	2
---	---



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	-

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FGY-MC

3	4
---	---



Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
4	R	-

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA438MB-RSS-SVZ8

1	2	3	4	5	6	7	8
13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	BR	-
7	G	-
8	W	-
9	W	-
10	Y	-
11	P	-
12	SB	-
13	BR	-
14	G	-
15	R	-
16	LG	-
17	P	-
18	Y	-
19	BG	-
20	B	-
21	SB	-

22	W	-
23	L	-
24	G	-
24	L	-
25	Y	-
27	GR	-
28	V	-
29	P	-
30	R	-
31	BR	-
32	Y	-
33	G	-
34	BG	-
37	SHIELD	-
38	L	-
39	P	-
40	R	-
41	W	-
42	LG	-
43	G	-
46	SHIELD	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

Connector No.	E4
Connector Name	POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LO2FB-MC



1	2
---	---

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-

JCMWM6383G1

A
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

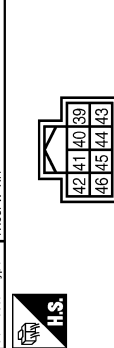
IGNITION POWER SUPPLY

Connector No.	E5
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	-
11	BR	-
12	B/W	-
13	Y	-
16	LG	-
18	W	-
25	G	-
26	R	-
27	BG	-
28	L	-
30	GR	-
32	V	-
33	P	-
36	G	-

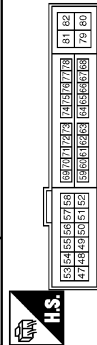
Connector No.	E6
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/W	-
42	Y	-
43	SB	-
44	LG	-

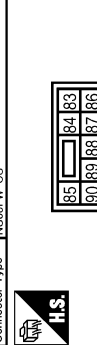
45	G	-
46	W	-

Connector No.	E7
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	BG	-
51	Y	-
53	W	-
54	P	-
55	SB	-
56	LG	-
57	G	-
58	GR	-
69	BR	-
70	BG	-
73	P	-
74	G	-
75	SB	-
76	Y	-
77	R	-
80	W	-

Connector No.	E8
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	-

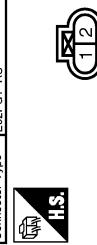
84	P	-
86	W	-
87	L	-
88	G	-
89	BR	-
90	LG	-

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347-9F300



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	Y	-
5	R	-

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	E02FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	BR	-

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS05FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	B/W	-
4	L	-
5	LG	-

Connector No.	E67
Connector Name	ICC SENSOR INTEGRATED UNIT
Connector Type	RSJ0FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	IGNITION
2	V	BRAKE HOLD RLY DRIVE SIGNAL
3	L	CAN-H
4	B	GND
6	P	CAN-L

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E109
Connector Name	WIRE TO WIRE
Connector Type	M02PW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	LG	-

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01PW-MC



Terminal No.	Color of Wire	Signal Name [Specification]
1D	R	-

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02PB-LC



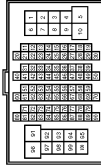
Terminal No.	Color of Wire	Signal Name [Specification]
1E	G	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	N51PFI-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH86PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	BG	-
4	B/W	-
5	G	-
6	BG	-
7	LG	-
8	G	-
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	V	-
18	BG	-

19	GR	-
20	LG	-
30	R	-
31	L	-
32	BG	-
33	P	-
34	V	-
35	BR	-
36	W	-
37	Y	-
38	R	-
39	B	-
40	G	-
41	W	-
42	LG	-
43	SB	-
44	GR	-
45	BG	-
46	LG	-
47	V	-
48	P	-
49	L	-
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

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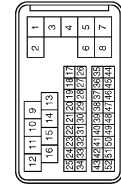
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA33FE-RS8-S1Z8



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	BR	-
6	G	-
7	W	-
8	W	-
9	W	-
10	G	-
11	R	-
12	P	-
13	L	-
14	LG	-
15	R	-
16	Y	-
17	W	-
18	LG	-
19	P	-
20	O	-
21	BR	-
22	G	-
23	Y	-
24	LG	-
25	V	-
26	V	-
27	GR	-
28	BR	-
29	L	-
30	R	-
31	P	-
32	W	-
33	SB	-
34	O	-
35	B	-
36	B	-
37	B	-
38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-

43	R	-
46	SHIELD	-
47	W/L	-
48	LG	-
49	O/L	-
50	L/Y	-
51	W	-
52	L/G	-

Connector No.	F3
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZMFDQY



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	R	-
3	W	-
4	Y	-

Connector No.	F20
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZMFDQY



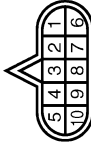
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	V	-
3	W	-
4	Y	-

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RSO1FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-

Connector No.	F51
Connector Name	A-T ASSEMBLY
Connector Type	FRK0FG-DCY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	R	-
3	L	-
4	V	-
5	B	-
6	Y	-
7	R	-
8	P	-
9	GR	-
10	B	-

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	LG	-
3	SB	-
4	O	-

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	R	-
3	P	-
4	W	-

JCMWM6386G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

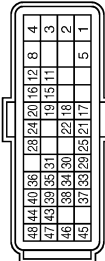
IGNITION POWER SUPPLY

Connector No.	F53
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	RK02FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	W	-

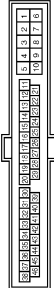
Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	AFH 1/O2HF 1
2	G	MOTOR 1-B1
3	R	MOT 1-B1
4	BR	MOTOR 2-B1
5	W	AFH 2/O2HF 2
8	B	GND
11	GR	IGN#4
12	L	IGN#3
15	V	IGN#5
16	G	IGN#2
17	P	O2HR 1
18	W	CVTCH 1
19	SB	IGN#6
20	Y	IGN#1
21	GR	EVAP
22	R	FPR
24	P	SSOFF
25	O	MOTRLY 1-B1
28	BR	ABORT
28	G	CVTCH 2

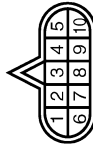
Terminal No.	Color of Wire	Signal Name [Specification]
30	Y	TPS 1-B1
31	R	TPS 1-B2
32	SB	O2HR 2
34	B	TPS 2-B1
35	W	TPS 2-B2
36	O	GND-INTPRES/MVPRES
37	W	POS
38	O	INTPRES 1
39	P	MVPRES
40	R	GND-TPS-B1
43	G	AVCC-TPS-B2
44	L	AVCC-TPS-B1
45	LG	AVCC 2/INTPRES/MVPRES
46	R	AVCC 2-POS
47	Y	GND-POS
48	B	GND-TPS-B2

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
9	Y	-
10	GR	-
19	O	-
20	Y	-
28	B	-
29	LG	-
30	R	-
31	R	-
41	O	-
42	BR	-
43	P	-
44	L	-
45	Y	-
46	V	-

Connector No.	F157
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SPT0FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VIGN
2	B	BATT
3	R	CAN-H
4	O	CAN-L
5	G	K-LINE
6	O	GND
8	GR	VIGN
7	L	REV LAMP RLY
8	BR	CAN-L
9	Y	STARTER RLY
10	W/B	GND

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	-
6A	Y	-
7A	GR	-
8A	L	-

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	R	-
3B	P	-
4B	G	-
5B	BG	-
6B	V	-
7B	P	-
8B	R	-
9B	SB	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
8C	R	-
7C	B	-
8C	W	-
9C	BG	-
10C	L	-
11C	LG	-
12C	R	-

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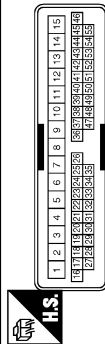
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

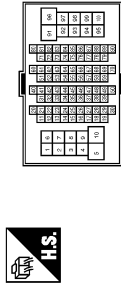
Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
4	R	-
5	B	-
6	BG	-
7	W	-
8	B	-
9	G	-
10	V	-
11	W	-
12	L	-
13	B	-
14	GR	-
15	Y	-
16	Y/B	-
17	Y	-
20	BG	-
21	W	-
22	P	-
23	BG	-
24	V	-
25	BR	-
26	R	-
27	P	-
28	LG	-
29	SB	-
30	G	-
31	V	-
32	BR	-
33	GR	-
34	G	-
35	L	-
37	B	-
38	G	- [With automatic drive positioner] - [Without automatic drive positioner]
39	BR	- [With automatic drive positioner] - [Without automatic drive positioner]
39	L	- [Without automatic drive positioner]
40	Y	-
41	BR	- [With automatic drive positioner] - [Without automatic drive positioner]
41	G	- [Without automatic drive positioner]

42	R	-
43	G	-
44	Y	-
45	GR	-
46	BR	-
47	V	-
48	LG	-
49	P	-
50	SB	-
51	GR	-
52	L	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
3	R	-
4	G	-
5	G	-
6	BR	-
7	BR	-
8	Y	-
10	W	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	BG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-

37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	- [With A/T] - [With M/T]
45	BG	-
46	G	-
47	P	-
48	P	-
49	B	-
59	Y	-
67	G	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SB	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

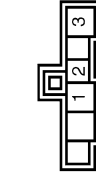
Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS(E)-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	LG	-
3	G	-
4	Y	-
5	L	-
6	B	-
8	L	-
9	L	-
10	BR	-
12	SHIELD	-
13	V	-
14	BR	-
15	GR	-
16	LG	-
17	L	-
20	BR	-
21	G	-
22	R	-
23	SB	-
24	B	-
25	W	-
26	Y	-
27	V	-
28	P	-
29	V	-
31	SHIELD	-
32	G	-
33	R	-
34	BG	-
35	GR	-
36	BR	-
37	P	- [With climate controlled seat]
37	L	- [Without climate controlled seat]
38	V	- [With climate controlled seat]
38	GR	- [Without climate controlled seat]
40	SHIELD	-
41	L	-
42	P	-
43	SHIELD	-

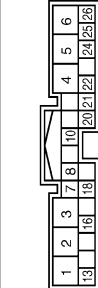
44	Y	-
45	BR	-
46	SB	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system]
49	SB	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	R	-
52	V	-
53	P	-
54	BR	-
55	Y	- [With A/T]
55	BG	- [With M/T]
56	L	-
57	V	-
60	LG	-
61	BG	-
62	B	-
63	V	-
64	SB	-
65	BR	-
66	Y	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	LG	-
82	R	-
83	BR	-
84	V	-
85	L	-
86	Y	-
87	GR	-
91	R	-
93	G	-
94	P	-
95	GR	-
96	Y	-
97	SB	-
99	Y	-
100	Y/B	-

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	MS33FW-M3



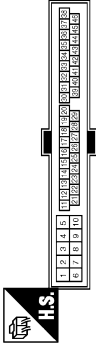
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	P	-
3	B	-

Connector No.	M110
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH102FW-TB6



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	MOTOR (RH) (RELEASE)
2	W	+
3	LG	MOTOR (RH) (FASTEN)
4	R	MOTOR (LH) (FASTEN)
5	W	GND (DRIVE)
6	BR	MOTOR (LH) (RELEASE)
7	G	INDICATOR
8	LG	BUCKLE SW RH
10	BR	BUCKLE SW LH
13	W	IGN
16	W	SENS OUTPUT 1
18	R	SENS POWER
20	G	SENS OUTPUT 2
21	B	SENS GND
22	P	CAN-L
24	L	CAN-H
26	B	GND (CONT)

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK336MF-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	-
3	BG	-
4	R	-
5	B	-
9	B	-
10	R	-
19	BG	-
20	Y	-
28	GR	-
29	LG	-
30	LG	-
31	W	-
41	BG	-
42	G	-
43	P	-
44	L	-
45	G	-
46	Y	-

JCMWM6389G1

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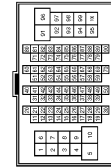
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS (E-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-
3	SB	-
4	R	-
5	G	-
6	GR	-
7	LG	-
8	Y	-
9	LG	-
10	Y	-
40	G	-
41	G	-
42	LG	-
43	R	-
44	SHIELD	-
45	G	-
47	P	-
48	L	-
49	SHIELD	-
50	V	-
51	SB	-
52	BG	-
53	L	-
54	G	-
55	Y	-
56	LG	-
57	SB	-
58	LG	-
67	SB	-
68	LG	-
80	W	-
81	B	-
82	R	-
83	G	-
84	SHIELD	-
85	G	-
86	L	-
87	P	-
88	SHIELD	-
89	Y	-

90	W	-
91	GR	-
92	P	-
93	W	-
94	BG	-
95	BG	-
96	P	-
97	L	-
98	Y/B	-
99	Y	-

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BAT (F/L)
2	Y	POWER WINDOW POWER SUPPLY (BAT)
3	BG	POWER WINDOW POWER SUPPLY (RAP)

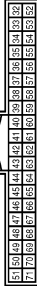
Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	LG	INTERIOR ROOM LAMP POWER SUPPLY
5	P	PASSENGER DOOR UNLOCK OUTPUT
7	SB	STEP LAMP
8	V	ALL DOOR FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	GR	BAT (FALSE)
13	B	GND

14	W	PUSH-BUTTON IGNITION SW ILL GND
15	BG	ACC IND
17	BR	TURN SIGNAL RH (FRONT)
18	BG	TURN SIGNAL LH (FRONT)
19	V	ROOM LAMP-TIMER CONTROL

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FGY-NH



Terminal No.	Color of Wire	Signal Name [Specification]
34	SB	TRUNK ROOM ANT-
35	V	TRUNK ROOM ANT+
38	B	REAR BUMPER ANT-
39	W	REAR BUMPER ANT+
47	Y	IGN RELAY (EDM E/R) CONT
50	G	TRUNK ROOM LAMP SW
52	BR	STARTER RELAY CONT
61	SB	TRUNK LID OPENER REQUEST SW
64	G	I-KEY WARN BUZZER (ENG ROOM)
67	GR	TRUNK LID OPENER SW

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
72	R	ROOM ANT 2-
73	G	ROOM ANT 2+
74	SB	PASSENGER DOOR ANT-
75	BR	PASSENGER DOOR ANT+
78	V	DRIVER DOOR ANT-

77	LG	DRIVER DOOR ANT+
78	Y	ROOM ANT 1-
79	BR	ROOM ANT 1+
80	GR	MATE'S ANTENNA AMP
81	W	MATE'S ANTENNA AMP
82	R	IGN RELAY (F/B) CONT
83	Y	KEYLESS ENTRY RECEIVER COMM
87	Y	COMBI SW INPUT 5
88	BG	PUSH SW
89	BR	COMBI SW INPUT 3
90	P	CAR-L
91	L	CAR-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	BG	ACC RELAY CONT
96	GR	A/T SHIFT SELECTOR POWER SUPPLY
97	L	S/L CONDITION 1
98	SB	S/L CONDITION 2
99	R	SHIFT P (WR) A/T
99	R	ASCD/ICG CLUTCH SW (With M/T)
100	Y	PASSENGER DOOR REQUEST SW
101	P	DRIVER DOOR REQUEST SW
102	BG	BLOWER FAN MOTOR RELAY CONT
103	LG	KEYLESS ENTRY RECEIVER POWER SUPPLY
106	W	S/L UNIT POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	W	COMBI SW INPUT 2
110	G	HAZARD SW
111	Y	S/L UNIT COMM

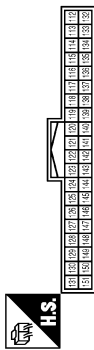
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

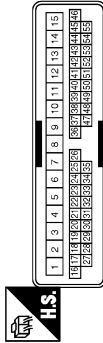
IGNITION POWER SUPPLY

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-1M



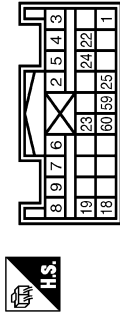
Terminal No.	Color of Wire	Signal Name [Specification]
112	BR	RAIN SENSOR SERIAL LINK
113	G	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
116	SB	STOP LAMP SW 1
118	BR	STOP LAMP SW 2
119	GR	DR DOOR UNLOCK SENSOR
121	SB	KEY SLOT SW
123	W	IGN P/B
124	BG	PASSENGER DOOR SW
129	BG	TRUNK LID OPENER CANCEL SW
132	LG	P/W SW & RHT C/U COMM
133	Y	PUSH-BUTTON IGNITION SW ILL POWER
134	LG	LOCK IND
137	BG	RECEIVER / SENSOR GND
138	Y	RECEIVER / SENSOR POWER SUPPLY
139	L	TIRE PRESSURE RECEIVER COMM
140	GR	SHIFT N/P
141	R	SECURITY INDICATOR LAMP
142	BR	COMBI SW OUTPUT 5
143	V	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 3
146	SB	COMBI SW OUTPUT 4
149	W	TIRE PRESSURE WARN CHECK SW
150	R	DRIVER DOOR SW
151	G	REAR WINDOW DEFOGGER RELAY COINT

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MP-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
6	BG	-
7	R	-
8	G	-
9	P	-
10	V	-
11	SB	- [With BOSE system]
11	GR	- [Without BOSE system]
12	BR	-
13	B	-
14	G	-
15	W	-
34	Y	-
35	Y/B	-
38	W	-
39	BG	-
40	SB	-
41	BR	- [With automatic drive positioner]
41	G	- [Without automatic drive positioner]
42	R	-
43	L	-
44	Y	-
45	R	-
46	W	-
47	SB	-
48	BR	-
49	Y	-
50	P	-
51	LG	-
52	BG	-
53	Y	-
54	L	-
55	L	-

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	HM28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DR1 (+)
4	Y	DR1 (-) DR2 (-)
5	Y	DR2 (+)
6	Y	AS1 (+)
7	Y	AS1 (-)
8	Y	AS2 (+)
9	Y	AS2 (-)
18	SB	ECZS (+)
19	V	ECZS (-)
22	SHIELD	GND
23	LG	AIRBAG W/L
24	G	SEAT BELT
25	R	CUTOFF TELLTALE
59	L	CAN-H
60	P	CAN-L

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POWER SUPPLY ROUTING CIRCUIT

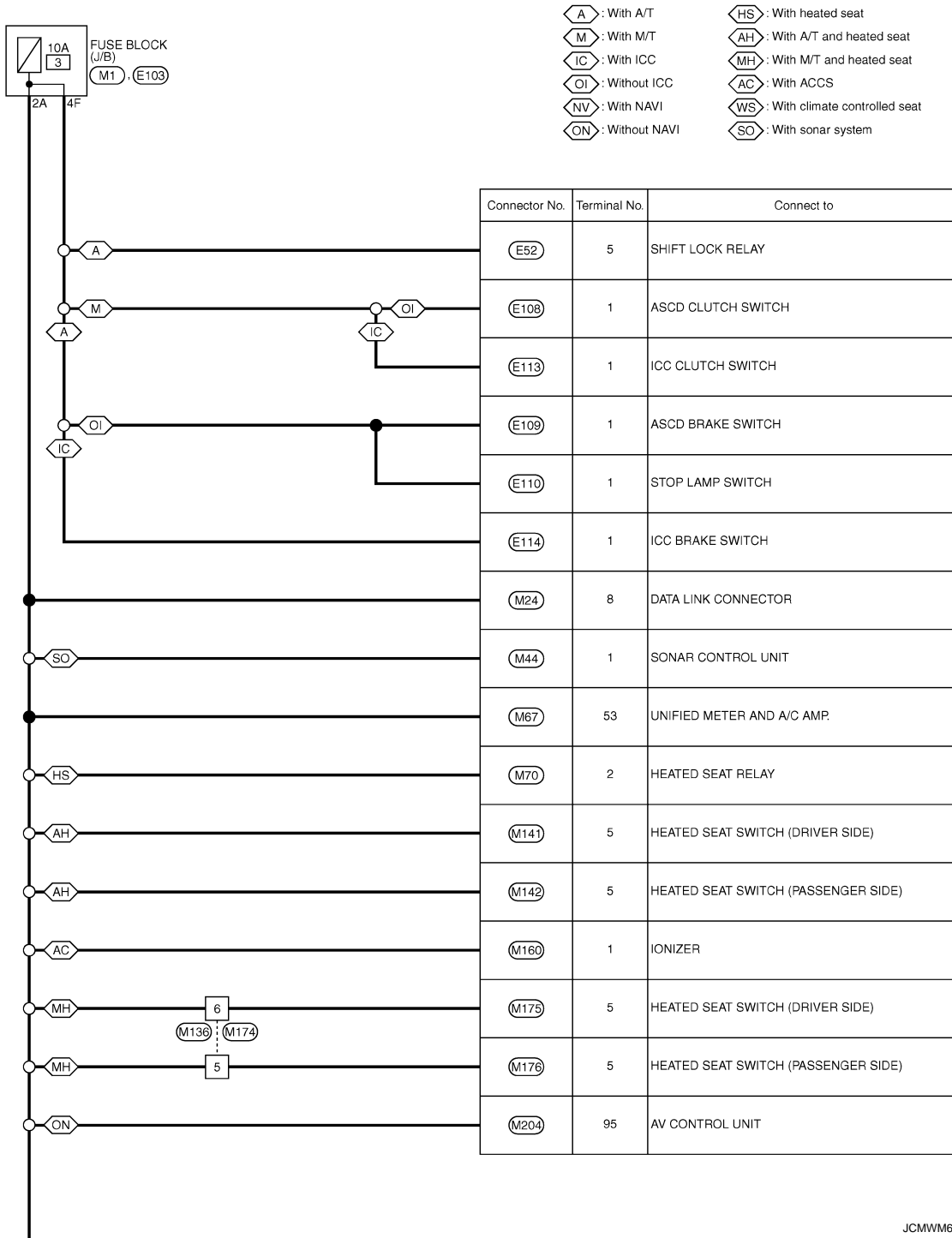
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[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

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IGNITION POWER SUPPLY FUSE No. 3

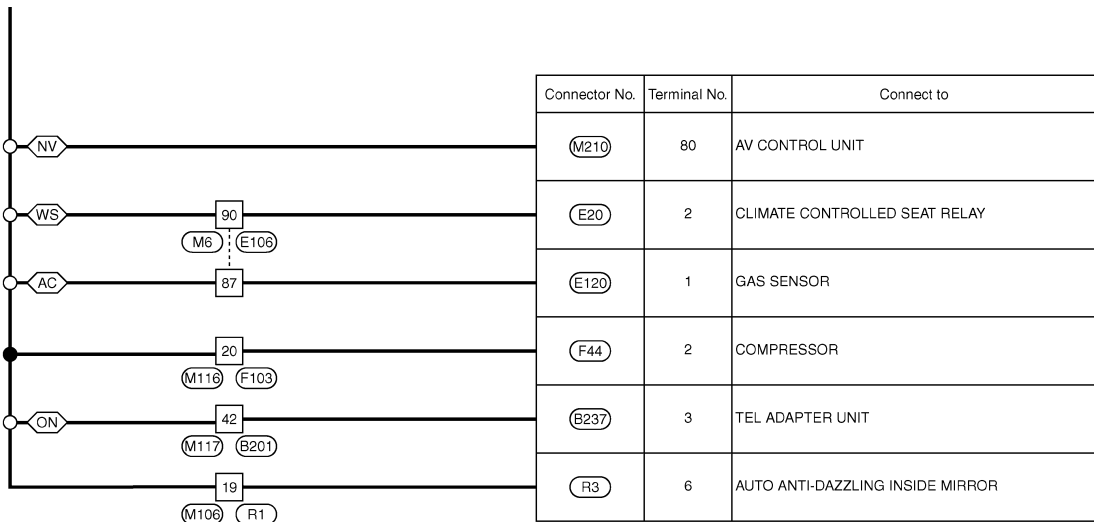


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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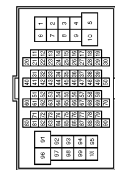
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

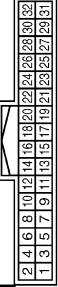
Connector No.	E201
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
3	B	-
5	W	-
6	R	-
7	B	- [With climate controlled seat]
7	G	- [Without climate controlled seat]
8	BG	-
9	GR	-
10	LG	-
40	GR	-
41	LG	-
42	BG	-
43	R	-
44	SHIELD	-
45	G	-
47	G	-
48	Y	-
49	SHIELD	-
50	P	-
51	SB	-
52	LG	-
53	L	-
54	G	-
55	GR	-
56	LG	-
57	G	-
58	R	-
67	L	-
68	P	-
80	G	-
81	R	-
82	W	-
83	B	-
84	SHIELD	-
85	O	-
86	BR	-
87	Y	-
88	SHIELD	-

89	SB	-
90	V	-
91	GR	-
92	P	- [With BOSE system]
92	Y	- [Without BOSE system]
93	L	-
94	SB	-
95	V	-
96	P	-
97	L	- [With BOSE system]
97	LG	- [Without BOSE system]
98	Y/B	-
99	Y	-

Connector No.	E237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BATTERY
2	LG	ACC
3	BG	IGNITION
4	B	GND
5	SHIELD	-
7	R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	Y	TEL VOICE SIGNAL (+)
10	G	TEL VOICE SIGNAL (-)
14	B	GND
16	P	ROOF STATUS SIGNAL (AUDIO)
21	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
27	B	CONTROL SIGNAL
28	P	VEHICLE SPEED (8-PULSE)
29	G	MICROPHONE VCC

Connector No.	E20
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M06FER-R-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	G	-
5	BR	-
6	L	-
7	BG	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NSJ6FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	-

Connector No.	E52
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	P	-
3	W	-
5	Y	-

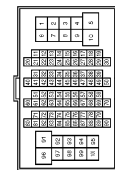
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FN-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	EG	
4	B/W	
5	G	
6	EG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	EG	
19	GR	
20	LG	
30	R	
31	L	
32	EG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	EG	
46	LG	
47	V	
48	L	

59	B	
66	LG	
67	SB	
68	R	
69	W	
70	G	
80	W	
81	P	
82	G	
83	V	
84	L	
85	EG	
86	LG	
87	Y	
88	GR	
89	W	
90	W	
91	G	
92	B	
93	GR	
94	L	
95	Y	
97	BR	
98	SHIELD	
99	L	
100	P	

Connector No.	E108
Connector Name	ASCOD CLUTCH SWITCH
Connector Type	S02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	R	

Connector No.	E109
Connector Name	ASCOD BRAKE SWITCH
Connector Type	S02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	R	
3	V	

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	V	
3	L	
3	Y	
4	SB	
4	W	

Connector No.	E113
Connector Name	ICC CLUTCH SWITCH
Connector Type	S02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	R	

Connector No.	E114
Connector Name	ICC BRAKE SWITCH
Connector Type	S02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
1	R	
2	V	

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E120
Connector Name	GAS SENSOR
Connector Type	RH03FB



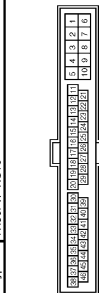
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	POWER
2	B	GND
3	LG	GAS SENSOR SIGNAL

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RK02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	-
3	O	-

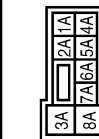
Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK06FW-HS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-

3	W	-
4	R	-
5	B	-
9	Y	-
10	GR	-
19	O	-
20	Y	-
28	B	-
29	LG	-
30	R	-
31	R	-
41	O	-
42	BR	-
43	P	-
44	L	-
45	Y	-
46	Y	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	-
6A	Y	-
7A	GR	-
8A	L	-

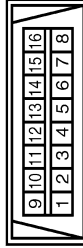
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH02MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
3	R	-
4	G	-
5	G	-
6	BR	-
7	BR	-
8	Y	-
10	W	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	BG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	- [With A/T]
44	GR	- [With M/T]
45	R	-
46	BG	-
47	G	-
47	P	-
48	P	-

49	L	-
59	B	-
66	Y	-
67	G	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SB	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	BR	-
6	L	-
7	V	-
8	G	-
11	SB	-
14	P	-
16	R	-

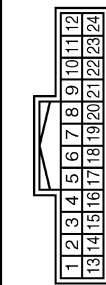
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

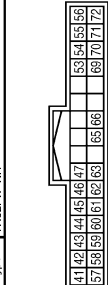
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M44
Connector Name	SONAR CONTROL UNIT
Connector Type	TH2FPV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGN
2	SB	CANCEL SW SIGNAL
5	LG	CORNER SENSOR SIGNAL REAR LH
6	L	CORNER SENSOR SIGNAL REAR RH
7	BR	CENTER SENSOR SIGNAL REAR LH
8	GR	CENTER SENSOR SIGNAL REAR RH
11	BR	CANCEL SW INDICATOR
12	V	SENSOR GND
13	LG	ACC
17	BG	R RANGE SIGNAL
18	V	K LINE
19	SB	AV COMM (H)
20	LG	AV COMM (L)
24	GR	GND

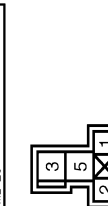
Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH2FPV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
41	BR	ACC POWER SUPPLY
42	BR	FUEL LEVEL SENSOR SIGNAL
43	R	INTAKE SENSOR SIGNAL
44	LG	IN-VEHICLE SENSOR SIGNAL
45	V	AMBIENT SENSOR SIGNAL
46	BG	SUNLOAD SENSOR SIGNAL
47	G	GAS SENSOR SIGNAL
53	W	IGNITION POWER SUPPLY

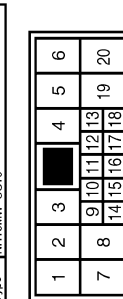
Terminal No.	Color of Wire	Signal Name [Specification]
54	BG	BATTERY POWER SUPPLY
55	B	GROUND
56	L	CAN-H
57	LG	BRAKE FLUID LEVEL SWITCH SIGNAL
58	Y	FUEL LEVEL SENSOR SIGNAL GROUND
59	GR	INTAKE SENSOR GROUND
60	L	IN-VEHICLE SENSOR GROUND
61	R	AMBIENT SENSOR GROUND
62	SB	SUNLOAD SENSOR GROUND
63	L	ION CONTROL MODE OUTPUT SIGNAL
65	BG	ECV SIGNAL
69	L	A/C LAM SIGNAL
70	R	EACH DOOR MOTOR POWER SUPPLY
71	GR	GROUND
72	P	CAN-L

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS2FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	GR	
3	G	
5	BR	

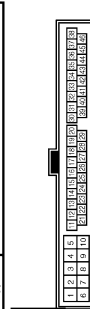
Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-GS10



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	

Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	
3	Y	
4	G	
5	SHIELD	
6	R	
7	B	
8	L	
9	R	
10	SB	
11	V	
12	LG	
18	B	
19	P	
20	Y	

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK3BMW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	
3	BG	
4	R	
5	B	
9	R	
10	B	
18	BG	
20	Y	
28	GR	
29	LG	
30	LG	
31	W	
41	BG	
42	G	
43	P	
44	L	
45	G	
46	Y	

JCMWM6397G1

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

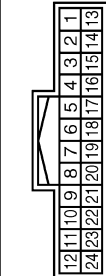
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH20MW-CS1E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	B	
3	SB	
4	R	
5	SB	
6	R	
7	G	
8	SB	
9	GR	
10	LG	
40	Y	
41	G	
42	LG	
43	R	
44	SHIELD	
45	G	
52	BG	
53	L	
54	G	
55	Y	
56	LG	
57	SB	
58	LG	
67	SB	
68	LG	
80	W	
81	B	
82	R	
83	G	
84	SHIELD	
85	G	
86	L	
87	P	
88	SHIELD	
89	Y	

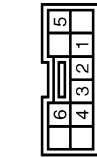
90	W	
91	GR	
92	P	
93	W	
94	BG	
95	BG	
96	P	
97	L	
98	Y/B	
99	Y	

Connector No.	M138
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



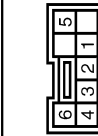
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	BR	
3	R	
4	GR	
5	W	
6	W	
7	R	
8	GR	
9	SB	
10	R	
11	L	
12	GR	
16	B	
21	GR	
22	W	
23	GR	
24	W	

Connector No.	M141
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK0FW



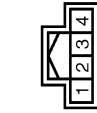
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	GR	
3	R	
4	W	
5	W	
6	GR	

Connector No.	M142
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK0BFR



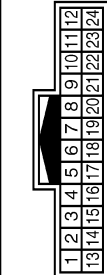
Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
2	SB	
3	R	
4	W	
5	W	
6	GR	

Connector No.	M160
Connector Name	IONIZER
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	IGN
2	L	IGN MODE
3	B	GND
4	G	IGN ON / OFF

Connector No.	M174
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	BR	
3	R	
4	GR	
5	W	
6	LG	
7	R	
8	P	
9	SB	
10	O	
11	L	
12	G	
16	B	
21	GR	
22	W	
23	B	
24	Y	

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

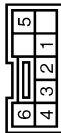
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	MI75
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



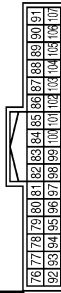
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	O	-
4	W	-
5	LG	-
6	B	-

Connector No.	MI76
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	SB	-
3	R	-
4	Y	-
5	W	-
6	GR	-

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH432FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
76	LG	AV COMM (L)
77	SB	AV COMM (H)
78	LG	AV COMM (L)
79	SB	AV COMM (H)
80	P	CAN-L
81	L	CAN-H
82	BR	SW GND
86	SHIELD	SHIELD
87	L	TEL VOICE SIGNAL (+)
88	P	TEL VOICE SIGNAL (-)
92	GR	VEHICLE SPEED (8-PULSE)
93	SB	PARKING BRAKE
94	BG	REVERSE
95	G	IGNITION
96	SB	DISK EJECT SIGNAL

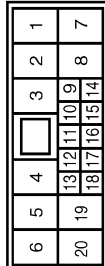
Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH432FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
65	SB	PARKING BRAKE
67	P	COMPOSITE IMAGE GND
68	L	COMPOSITE IMAGE SIGNAL
71	SHIELD	MICROPHONE SHIELD
72	G	MICROPHONE YCC
73	LG	COMM (CONT->DISP)
74	P	CAN-L

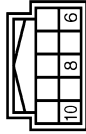
75	LG	AV COMM (L)
76	LG	AV COMM (L)
78	L	ILLUMINATION
80	G	IGNITION
81	BG	REVERSE SIGNAL
82	GR	VEHICLE SPEED (8-PULSE)
83	SHIELD	SHIELD
87	R	MICROPHONE SIGNAL
88	B	SHIELD
89	L	COMM (DISP->CONT)
90	L	CAN-H
91	SB	AV COMM (H)
92	SB	AV COMM (H)

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	NHT10FW-GS10



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	Y	-
4	W	-
5	SHIELD	-
6	O	-
7	G	-
8	L	-
9	Y	-
10	B	-
11	V	-
12	R	-
18	B	-
19	BR	-
20	G	-

Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH108F-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	BR	IGN
8	B	GND
10	G	BAT

JCMWM6399G

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POWER SUPPLY ROUTING CIRCUIT

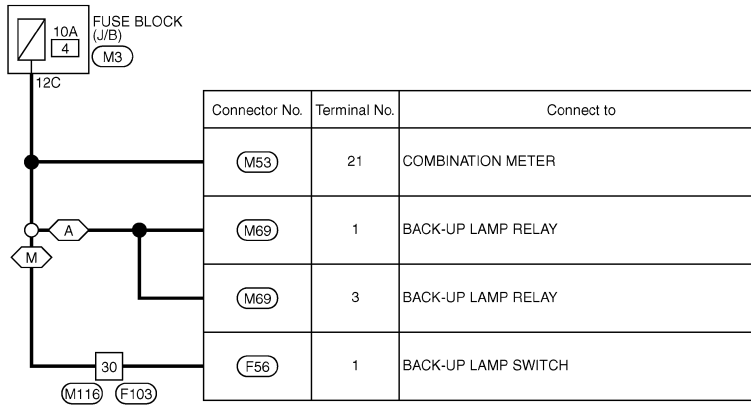
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 - IGNITION POWER SUPPLY FUSE No. 4

INFOID:000000005628800

⬡ A : With A/T
⬡ M : With M/T



2009/02/27

JCMWA4338Gf

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE No. 4

Connector No.	F16
Connector Name	BACK-UP LAMP SWITCH
Connector Type	PK02FB



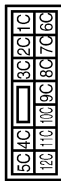
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	O	-

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK36FW-NS10



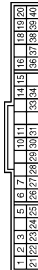
Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
8	Y	-
10	GR	-
19	O	-
20	Y	-
28	B	-
29	LG	-
30	R	-
31	R	-
41	O	-
42	BR	-
43	P	-
44	L	-
45	Y	-
46	V	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FT-CS



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
8C	W	-
9C	BG	-
10C	L	-
11C	LG	-
12C	R	-

Connector No.	M63
Connector Name	COMBINATION METER
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	LG	COMMUNICATION SIGNAL (METER->AMP.)
3	GR	COMMUNICATION SIGNAL (AMP->METER)
5	B	GROUND
6	W	ALTERNATOR SIGNAL
7	LG	AIR BAG SIGNAL
10	R	SECURITY SIGNAL
15	B	GROUND
16	B	METER CONTROL SWITCH GROUND
18	GR	ILL GND
19	B	ILL GND
20	R	ILL
21	R	IGNITION SIGNAL
22	B	GROUND
24	SB	COMMUNICATION SIGNAL (LCD->AMP.)

5	B	-
9	R	-
10	R	-
19	BG	-
20	Y	-
28	GR	-
29	LG	-
30	LG	-
31	W	-
41	BG	-
42	G	-
43	P	-
44	L	-
45	G	-
46	Y	-

25	B	COMMUNICATION SIGNAL (AMP->LCD)
26	R	VEHICLE SPEED SIGNAL (8-PULSE)
27	V	PARKING BRAKE SWITCH SIGNAL
28	SB	BRAKE FLUID LEVEL SWITCH SIGNAL
29	L	SEAT BELT BUCKLE SW SIGNAL (DRIVER SIDE)
30	G	SEAT BELT BUCKLE SWITCH SIGNAL (PASSENGER SIDE)
31	L	WASHER LEVEL SWITCH SIGNAL
33	R	ILLUMINATION CONTROL SIGNAL
36	LG	SELECT SWITCH SIGNAL
37	SB	ENTER SWITCH SIGNAL
38	L	TRIP A/B RESET SWITCH SIGNAL
39	P	ILLUMINATION CONTROL SWITCH (-)
40	BG	ILLUMINATION CONTROL SWITCH (+)

Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	LG	-
5	BG	-

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK36MW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	-
3	BG	-
4	R	-

JCMWM6400G

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POWER SUPPLY ROUTING CIRCUIT

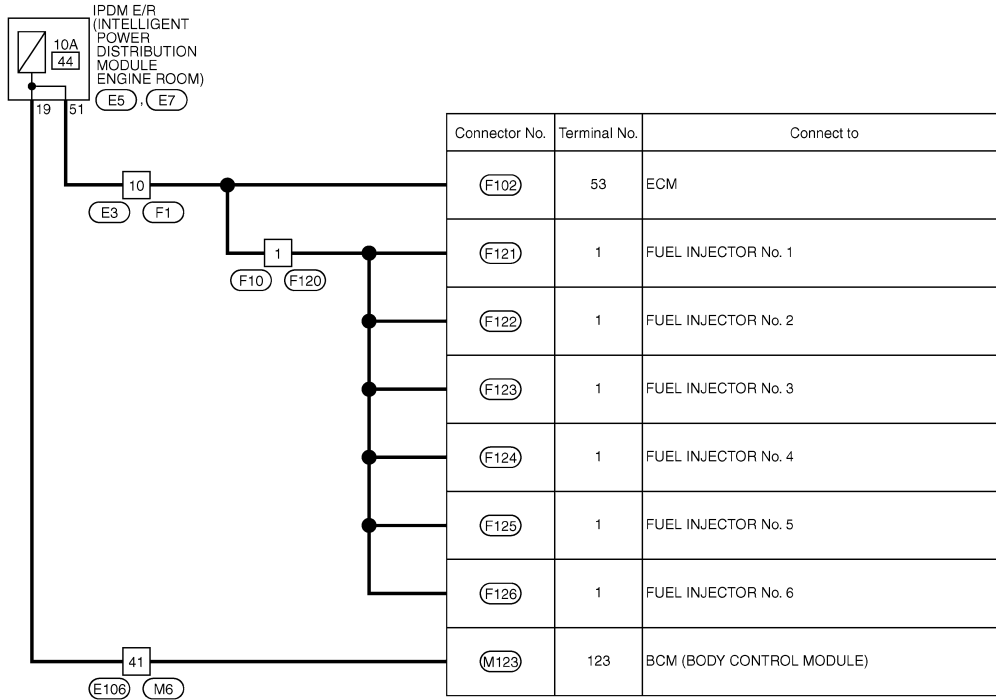
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

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IGNITION POWER SUPPLY FUSE No. 44



2009/11/10

JCMWM6401G

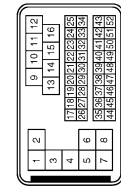
POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

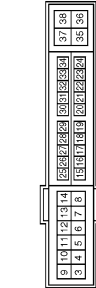
Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA33MB-F3P-SH2B



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	BR	-
7	G	-
8	W	-
9	W	-
10	Y	-
11	P	-
12	SB	-
13	BR	-
14	G	-
15	R	-
16	LG	-
17	P	-
18	Y	-
19	BG	-
20	B	-
21	SB	-
22	W	-
23	L	-
24	G	-
25	V	-
27	GR	-
28	V	-
29	P	-
30	R	-
31	BR	-
32	Y	-
33	G	-
34	BG	-
37	SHIELD	-
38	L	-
39	P	-
40	R	-
41	W	-
42	LG	-

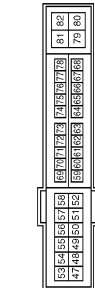
43	G	-
46	SHIELD	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

Connector No.	E5
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH2DFW-CS12-M4-1V



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	-
11	BR	-
12	B/W	-
13	Y	-
16	LG	-
19	W	-
25	G	-
26	R	-
27	BG	-
28	L	-
30	GR	-
32	V	-
33	P	-
36	G	-

Connector No.	E7
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH2DFW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	BG	-
51	Y	-
53	W	-
54	B	-
55	SB	-
56	LG	-
57	G	-
58	GR	-
69	BR	-
70	BG	-
73	P	-
74	G	-
75	SB	-
76	Y	-
77	R	-
80	W	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

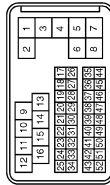
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM44



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
3	BG	
4	B/W	
5	G	
6	BG	
7	LG	
8	G	
10	W	
11	V	
12	R	
13	L	
14	GR	
15	P	
16	W	
17	V	
18	BG	
19	GR	
20	LG	
30	R	
31	L	
32	BG	
33	P	
34	V	
35	BR	
36	W	
37	Y	
38	R	
39	B	
40	G	
41	W	
42	LG	
43	SB	
44	GR	
45	BG	
46	LG	
47	V	
48	P	
49	L	

59	B	
66	LG	
67	SR	
68	R	
69	W	
70	G	
80	W	
81	P	
82	G	
83	V	
84	L	
85	BG	
86	LG	
87	Y	
88	GR	
89	W	
90	W	
91	G	
92	B	
93	GR	
94	Y	
95	V	
97	BR	
98	SHIELD	
99	L	
100	P	

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA39FB-RS8-SHZ8



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	
2	SHIELD	
3	L/B	
4	SHIELD	
5	BR	
7	G	
8	W	
9	W	
10	G	
11	R	

12	P	
13	L	
14	LG	
15	R	
16	Y	
17	W	
18	LG	
19	P	
20	O	
21	BR	
22	G	
23	Y	
24	LG	
25	V	
27	GR	
28	BR	
29	L	
30	R	
31	P	
32	W	
33	SB	
34	O	
37	B	
38	W	
39	Y	
40	G	
41	B	
42	GR	
43	R	
46	SHIELD	
47	W/L	
48	LG	
49	O/L	
50	L/Y	
51	W	
52	L/G	

Connector No.	F10
Connector Name	WIRE TO WIRE
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]

1	G	
2	GR	
3	BR	
4	R	
5	O	
6	W	
7	V	

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FB-R28-L-L4-Z

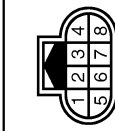
96	92	84	80	76	72	68	64	60	52
95	81	87	83	79	71	67	63	59	55
94	80	86	82	78	66	62	58	54	50
93	89	85	81	77	73	69	65	61	57
	53	49							



Terminal No.	Color of Wire	Signal Name [Specification]
49	GR	MOTOR 2-BZ
50	V	MOTOR 1-BZ
52	R	VAMOT-BZ
53	W	IGNSW
54	Y	ENG CAN-L1
55	LG	ENG CAN-H1
57	L	AF-1/OZSF 1
58	O	PHASE#1
60	G	AVCC-PHS 1-E-PHS 1/PS AF-1
61	R	AF-1
63	L	PHASE#2
64	SB	AVCC-PHS-E-PHS 2/OU
65	LG	AF-2/OZSF 2
66	V	AF-2
67	P	TA1
68	LG	GND4 OA 1/TA 1
69	W	KNK 2
71	Y	TW
72	SHIELD	GND4-KNK
73	W	KNK 1
76	W	OZSR 1
77	SB	GA1+
78	G	TO1
79	BR	GA2+
80	O	OZSR 2
81	R	INJ#3
82	V	INJ#6
84	B	GND4 O2S-TW-TO
85	BR	INJ#2
86	W	INJ#5
87	Y	PSPRES
89	GR	INJ#1
90	O	INJ#4
91	SB	CURSEN
92	G	GND4-PHASE#2
93	P	BATT
94	Y	GND4-OA 2/TA 2
95	G	GND4-CURSEN

96	P	GND4-PHASE#1/PS
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Connector No.	F120
Connector Name	WIRE TO WIRE
Connector Type	RH08MB



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	GR	
3	BR	
4	R	
5	O	
6	W	
7	V	

Connector No.	F121
Connector Name	FUEL INJECTOR No. 1
Connector Type	HS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	GR	

Connector No.	F122
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	BR	

Connector No.	F123
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	R	

Connector No.	F124
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	O	

Connector No.	F125
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	W	

Connector No.	F126
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	V	

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-T1M4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	
3	R	
4	G	
5	G	
6	BR	
7	BR	
8	Y	
10	W	
11	GR	
12	R	
13	L	
14	G	
15	P	
16	W	
17	BR	
18	V	
19	BG	
20	L	
30	R	
31	L	
32	Y	
33	GR	
34	P	
35	BR	
36	BR	
37	Y	
38	LG	
39	SB	
40	G	
41	W	
42	LG	
43	P	
44	GR	- [With A/T] - [With M/T]
45	R	
46	BG	
47	G	
48	P	

129	BG	TRUNK LID OPENER CANCEL SW
132	LG	P/W SW & PHT.C/U COMM
133	Y	PUSH-BUTTON IGNITION SW ILL POWER
134	LG	LOCK ING
137	BG	RECEIVER / SENSOR GND
138	Y	RECEIVER / SENSOR POWER SUPPLY
139	L	TIRE PRESSURE RECEIVER COMM
140	GR	SHIFT IN/P
141	R	SECURITY INDICATOR LAMP
142	BR	COMBI SW OUTPUT 5
143	V	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 3
146	SB	COMBI SW OUTPUT 4
149	W	TIRE PRESSURE WARN CHECK SW
150	R	DRIVER DOOR SW
151	G	REAR WINDOW DEFROGGER RELAY CONT

49	L	
59	B	
66	Y	
67	G	
68	R	
69	W	
70	G	
80	SB	
81	R	
82	V	
83	W	
84	L	
85	BG	
86	G	
87	V	
88	B	
89	SB	
90	G	
91	W	
92	B	
93	G	
94	L	
95	BR	
97	P	
98	SHIELD	
99	V	
100	SB	

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FC-NH



Terminal No.	Color of Wire	Signal Name [Specification]
112	BR	RAIN SENSOR SERIAL LINK
113	G	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
116	SB	STOP LAMP SW 1
118	BR	STOP LAMP SW 2
119	GR	DR DOOR UNLOCK SENSOR
121	SB	KEY SLOT SW
123	W	IGN L/B
124	BG	PASSENGER DOOR SW

POWER SUPPLY ROUTING CIRCUIT

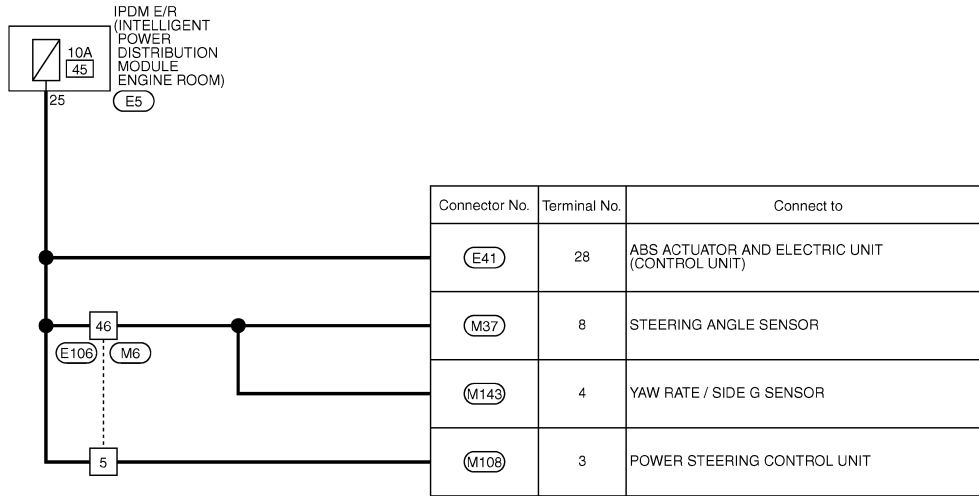
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000005628802

IGNITION POWER SUPPLY FUSE No. 45



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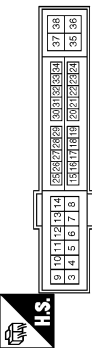
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 45

Connector No.	E5
Connector Name	IGNITION RELAY POWER DISTRIBUTION MODULE
Connector Type	TH20PW-CS12-M4-TV



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	-
11	BR	-
12	B/W	-
13	Y	-
16	LG	-
18	W	-
25	G	-
26	R	-
27	BG	-
28	L	-
30	GR	-
32	V	-
33	P	-
36	G	-

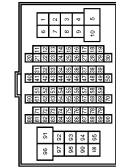
Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BA342EP-AHZ4-LH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	L	UBMR
3	R	UBVR
4	B	GND
5	Y	DS FL
6	BG	DP RL

7	BR	DP RR
9	B	DP FR
10	W	DS FR
11	V	DS GR
14	P	DS YK
25	Y	CAN-L
26	LG	BUS-L
27	GR	DP FL
28	G	DS RL
29	P	UZ
30	SB	DS RR
31	R	BLS
35	L	VDC OFF SWITCH
45	B	CAN-H
		BUS-H

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	BG	-
4	B/W	-
5	G	-
6	BG	-
7	LG	-
8	G	-
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	V	-
18	BG	-
19	GR	-
20	LG	-
30	R	-
31	L	-
32	BG	-
33	P	-

34	V	-
35	BR	-
36	W	-
37	Y	-
38	R	-
39	B	-
40	G	-
41	W	-
42	LG	-
43	SB	-
44	GR	-
45	BG	-
46	LG	-
47	V	-
48	P	-
49	L	-
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
100	P	-

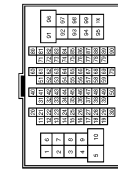
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 45

Connector No.	M85
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	EG	-
3	R	-
4	G	-
5	G	-
6	BR	-
7	BR	-
8	Y	-
10	W	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
18	V	-
19	EG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	-
44	R	- [With A/T]
44	R	- [With M/T]
45	EG	-
46	G	-
47	P	-
48	P	-

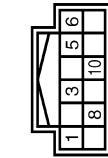
49	L	-
59	B	-
66	Y	-
67	G	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SB	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH40FW-NH



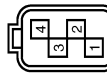
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
7	B	GND
8	G	IGN

Connector No.	M108
Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	SOL
3	G	VIGN
5	GR	SOL GND
6	B	GND
8	L	YSP
10	BR	TACHO

Connector No.	M143
Connector Name	YAW RATE / SIDE G SENSOR
Connector Type	AA3204FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	GND
2	Y	BUS-L
3	SB	BUS-H
4	G	12V

JCMW6408G1

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POWER SUPPLY ROUTING CIRCUIT

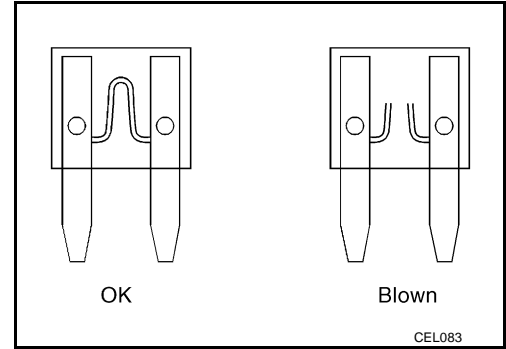
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Fuse

INFOID:000000005628803

- If fuse is blown, be sure to eliminate cause of malfunction before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is not used for a long period of time.



Fusible Link

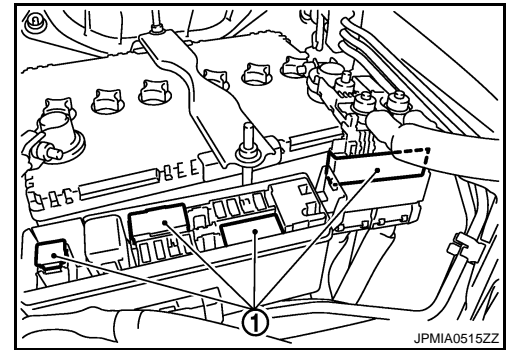
INFOID:000000005628804

A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.

1 : Fusible link

CAUTION:

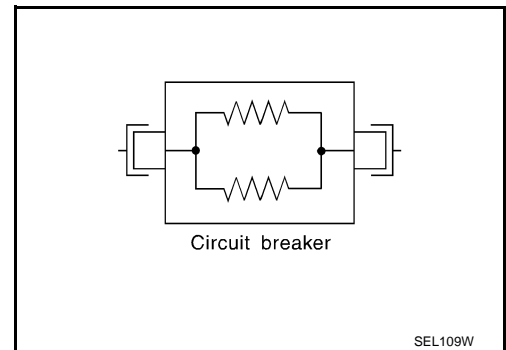
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring harness, vinyl or rubber parts.



Circuit Breaker

INFOID:000000005628805

The PTC thermistor generates heat in response to current flow. The temperature (and resistance) of the thermistor element varies with current flow. Excessive current flow will cause the element's temperature to rise. When the temperature reaches a specified level, the electrical resistance will rise sharply to control the circuit current. Reduced current flow will cause the element to cool. Resistance falls accordingly and normal circuit current flow is allowed to resume.



HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

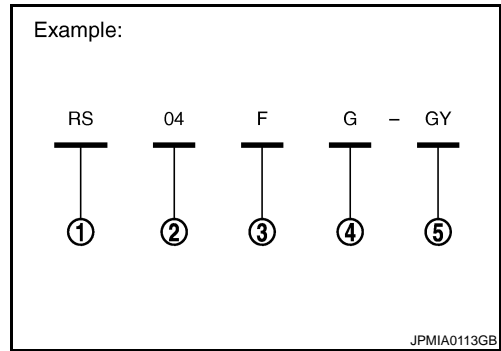
[POWER SUPPLY & GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000005628806

- 1 : Connector model
- 2 : Cavity
- 3 : Male (M) and female (F) terminals
- 4 : Connector color
- 5 : Special type



CONNECTOR SYMBOL

Main symbols of connector (in Harness Layout) are indicated in the below.

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
Connector symbol				
Ground terminal etc.	—			

JPMIA0114GB

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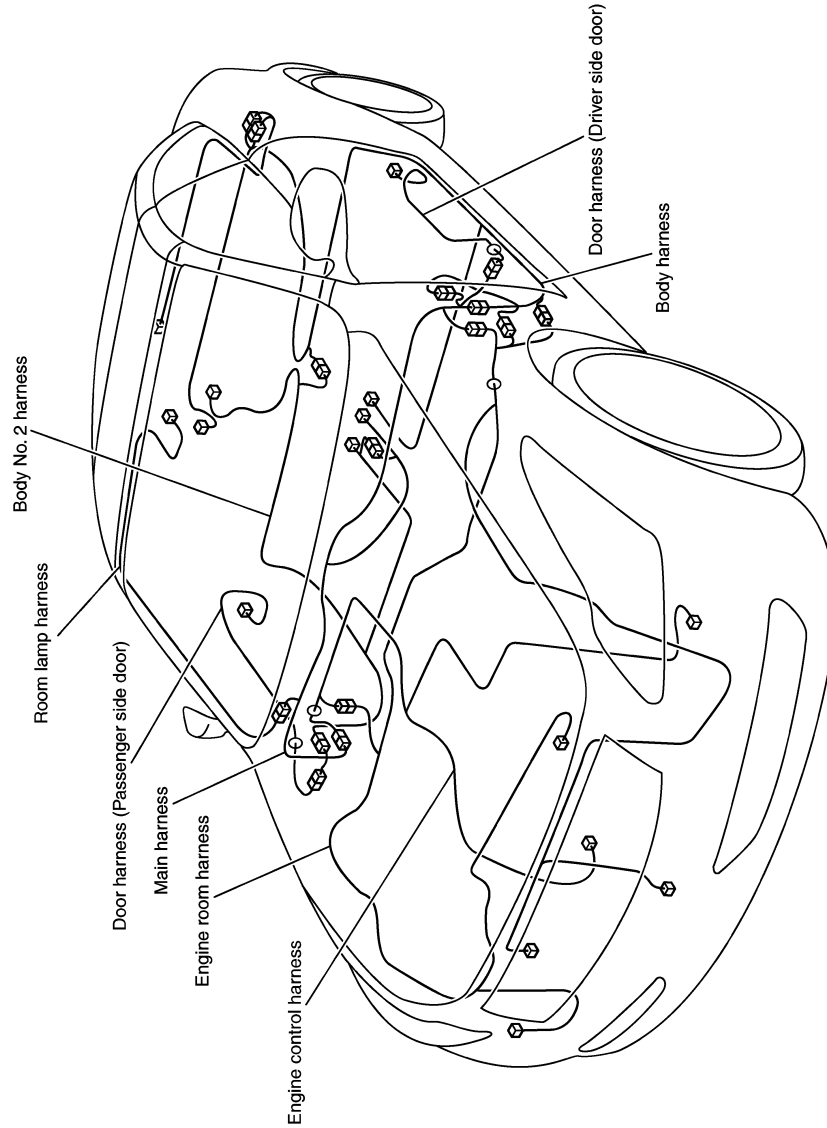
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Outline

INFOID:000000005628807



OUTLINE

2009/02/27

JCMIM0712GB

HARNES LAYOUT

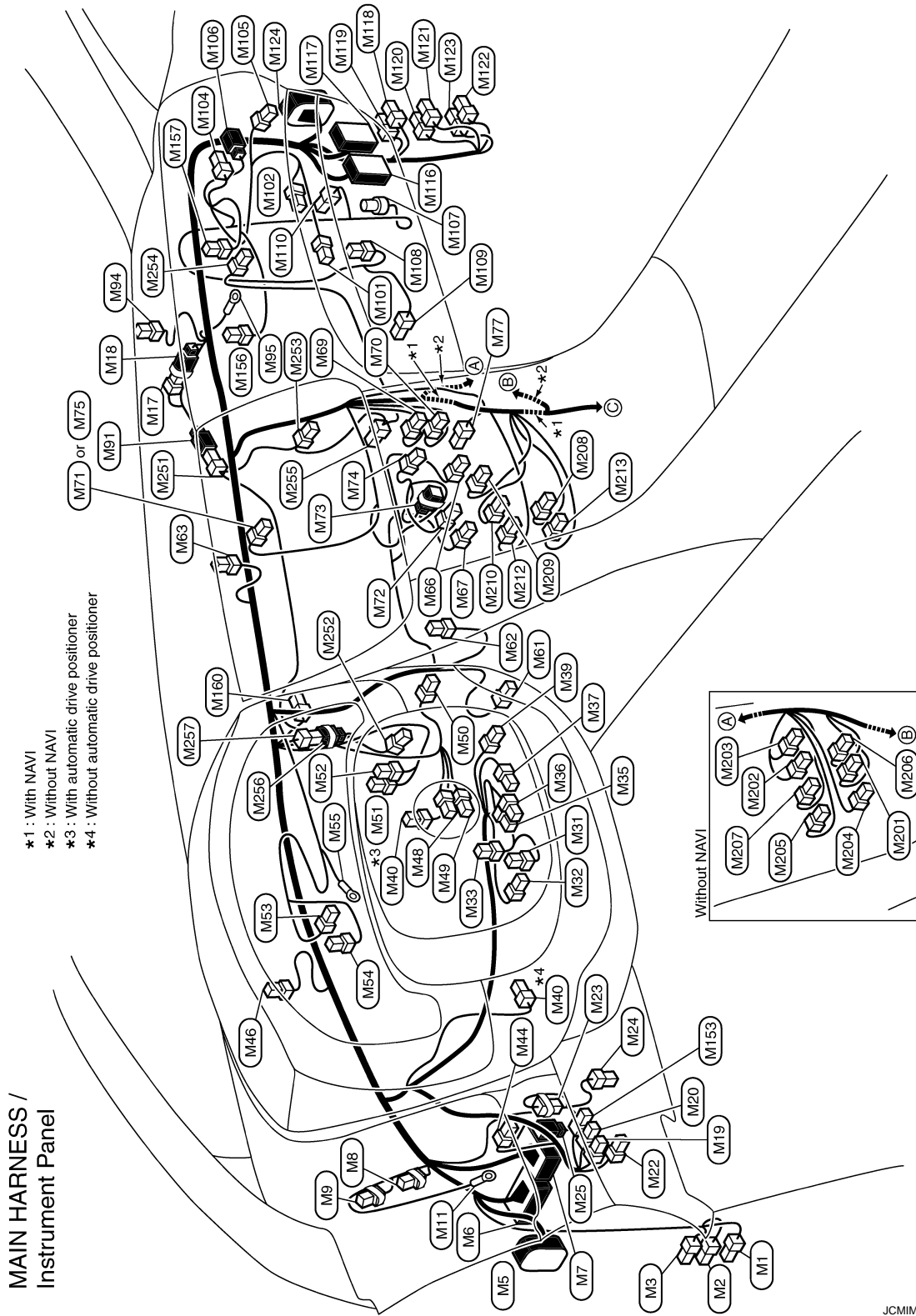
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000005628808

INSTRUMENT PANEL



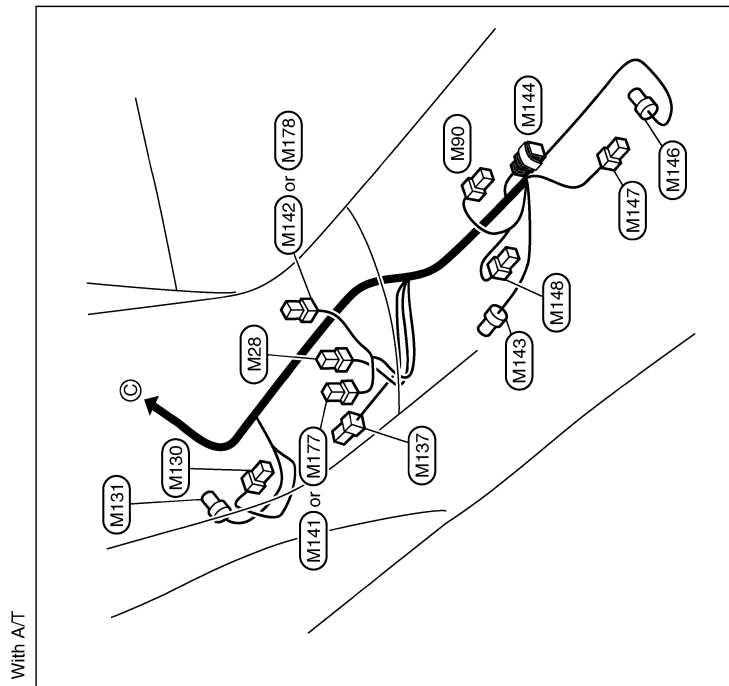
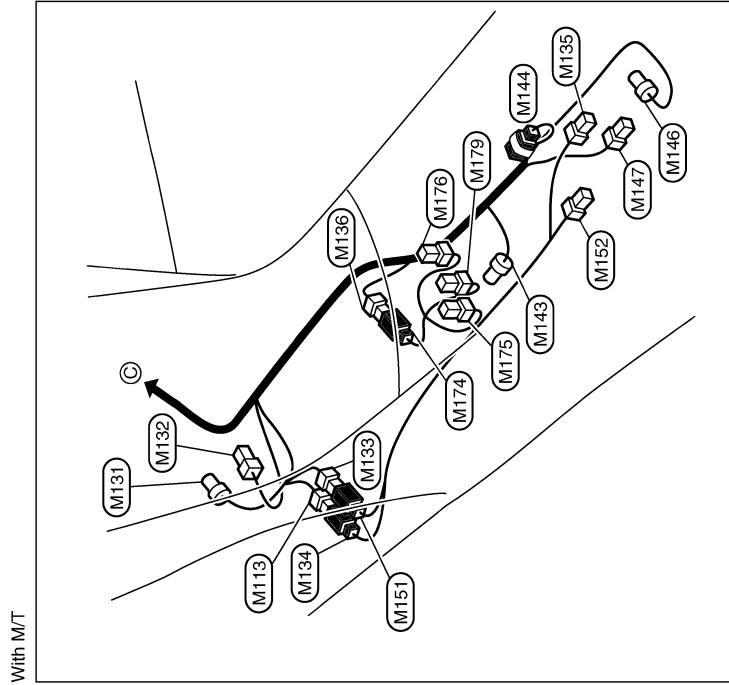
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HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FLOOR CONSOLE



2009/11/10

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HARNES LAYOUT

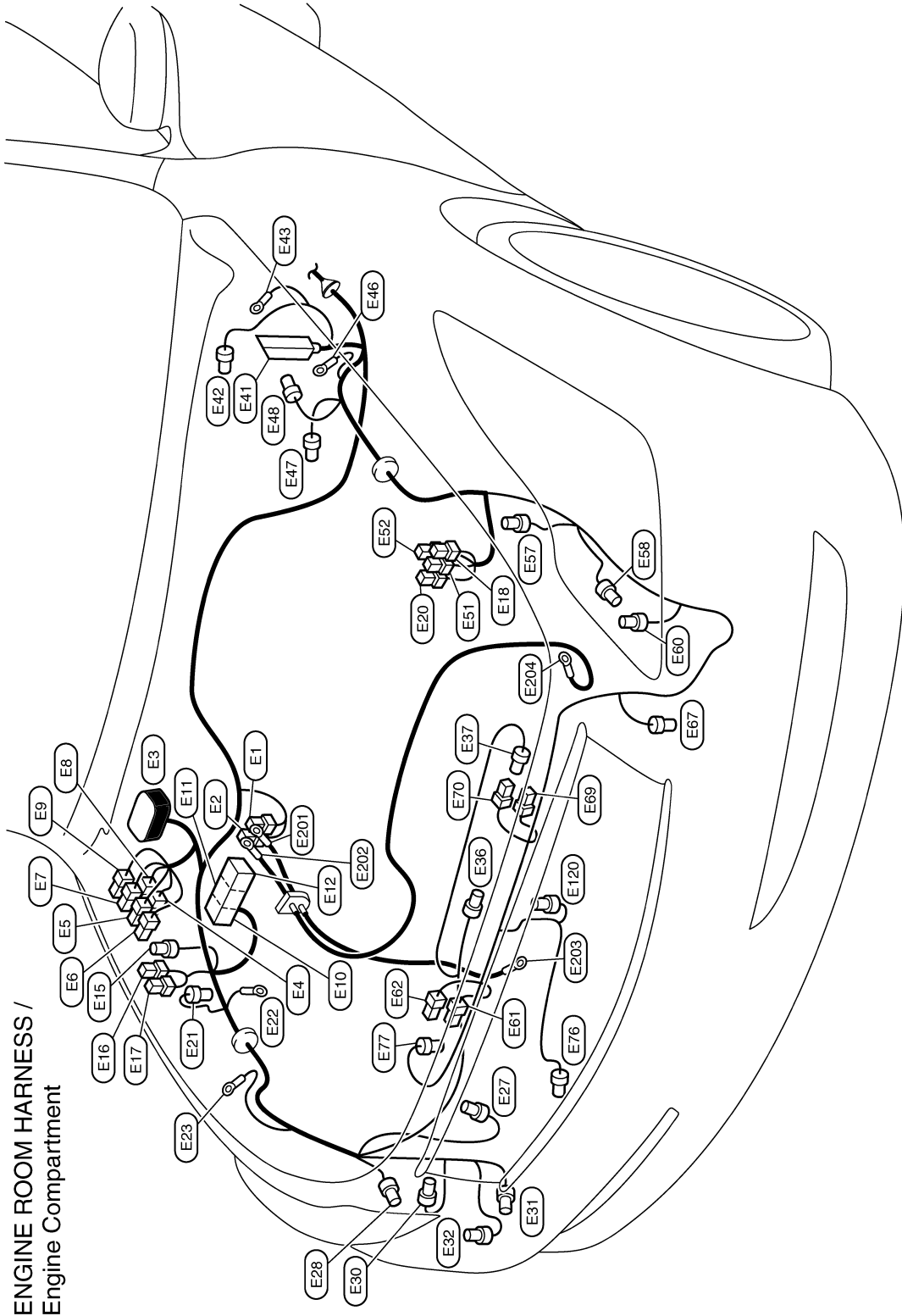
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000005628809

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

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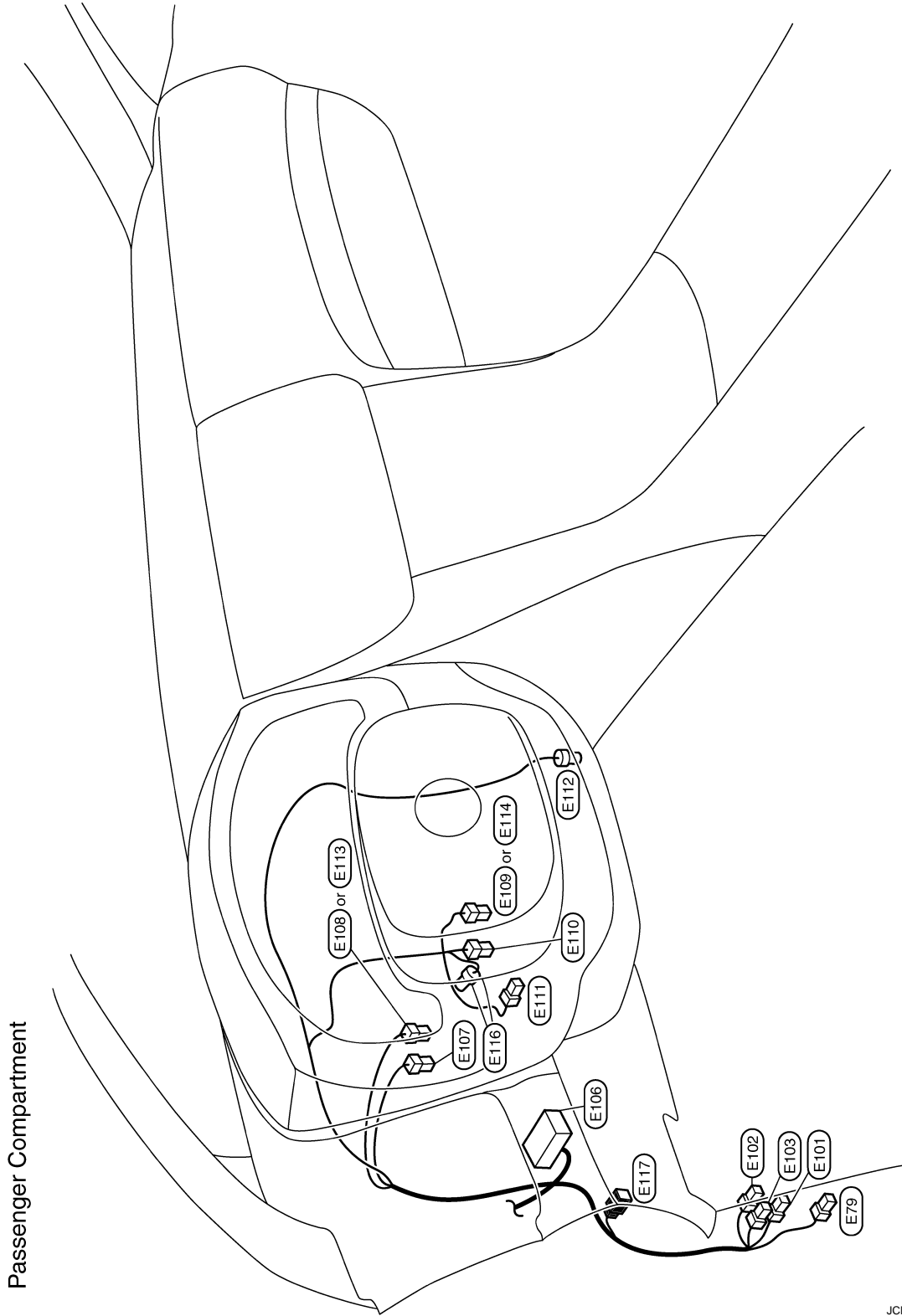
JCMIM1125GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



Passenger Compartment

2009/02/27

JCMIM0715GB

HARNES LAYOUT

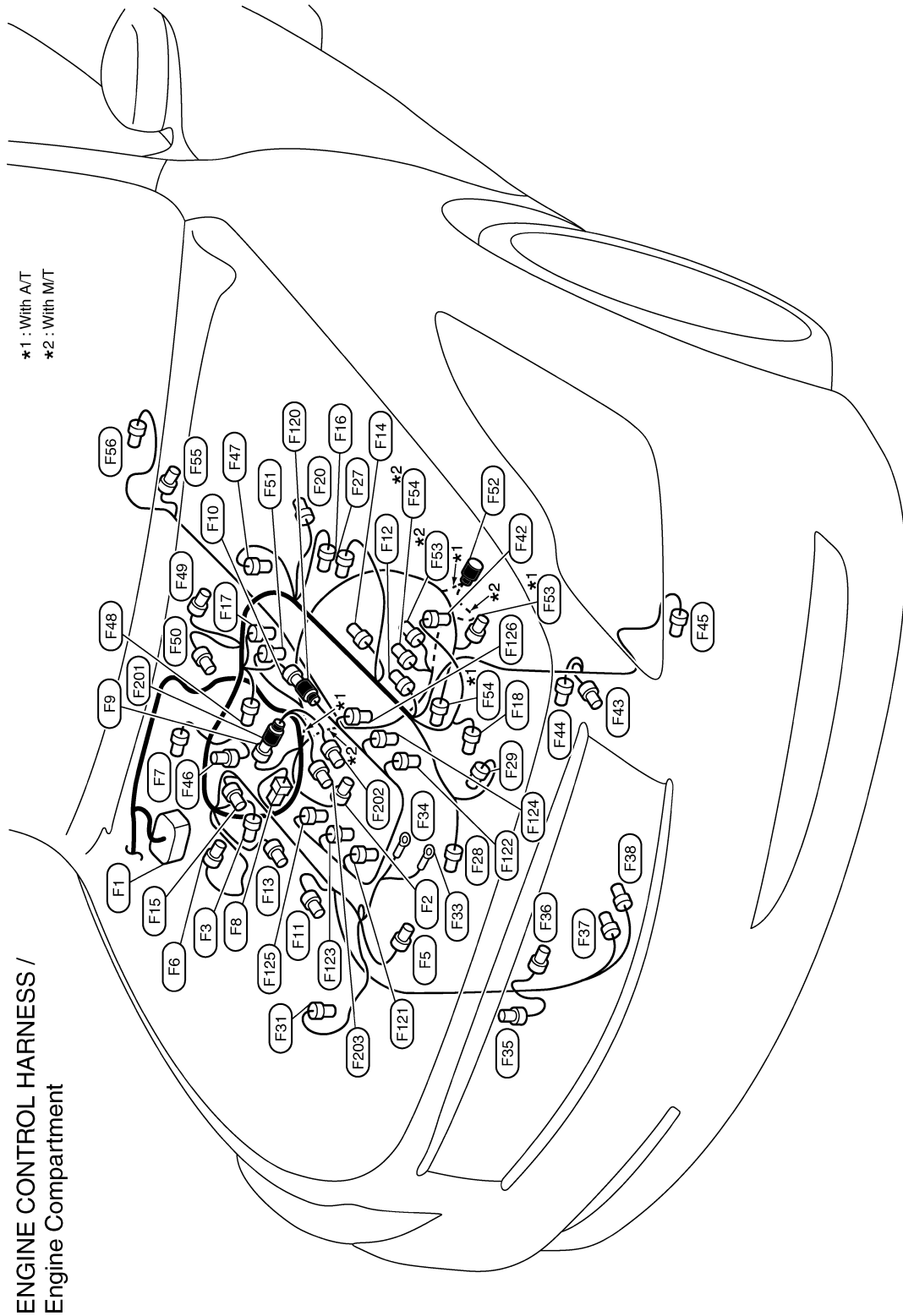
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness

INFOID:000000005628810

ENGINE COMPARTMENT



*1 : With A/T
*2 : With M/T

ENGINE CONTROL HARNESS /
Engine Compartment

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2009/02/27

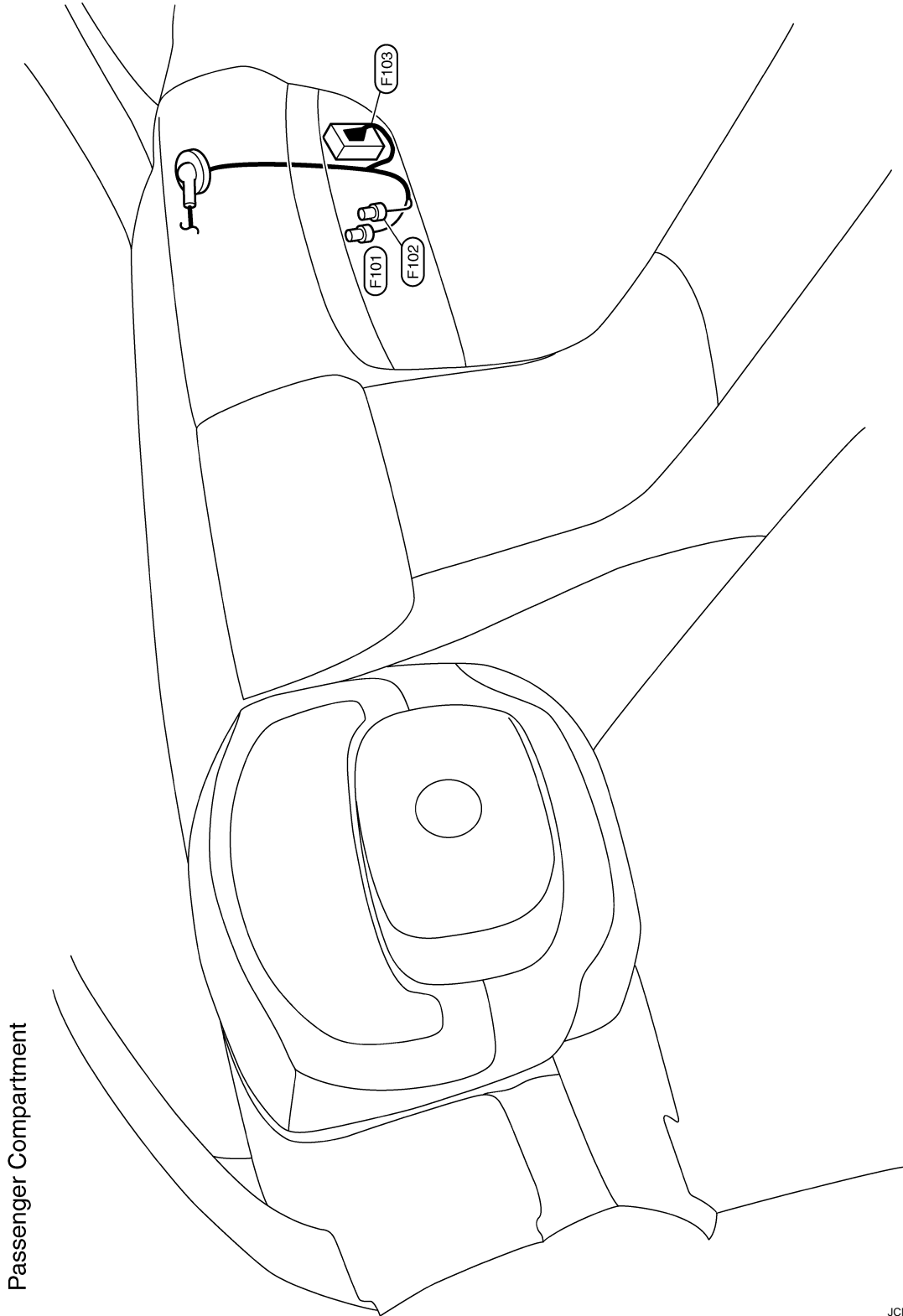
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HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



Passenger Compartment

2009/02/27

JCMIM0717GB

HARNES LAYOUT

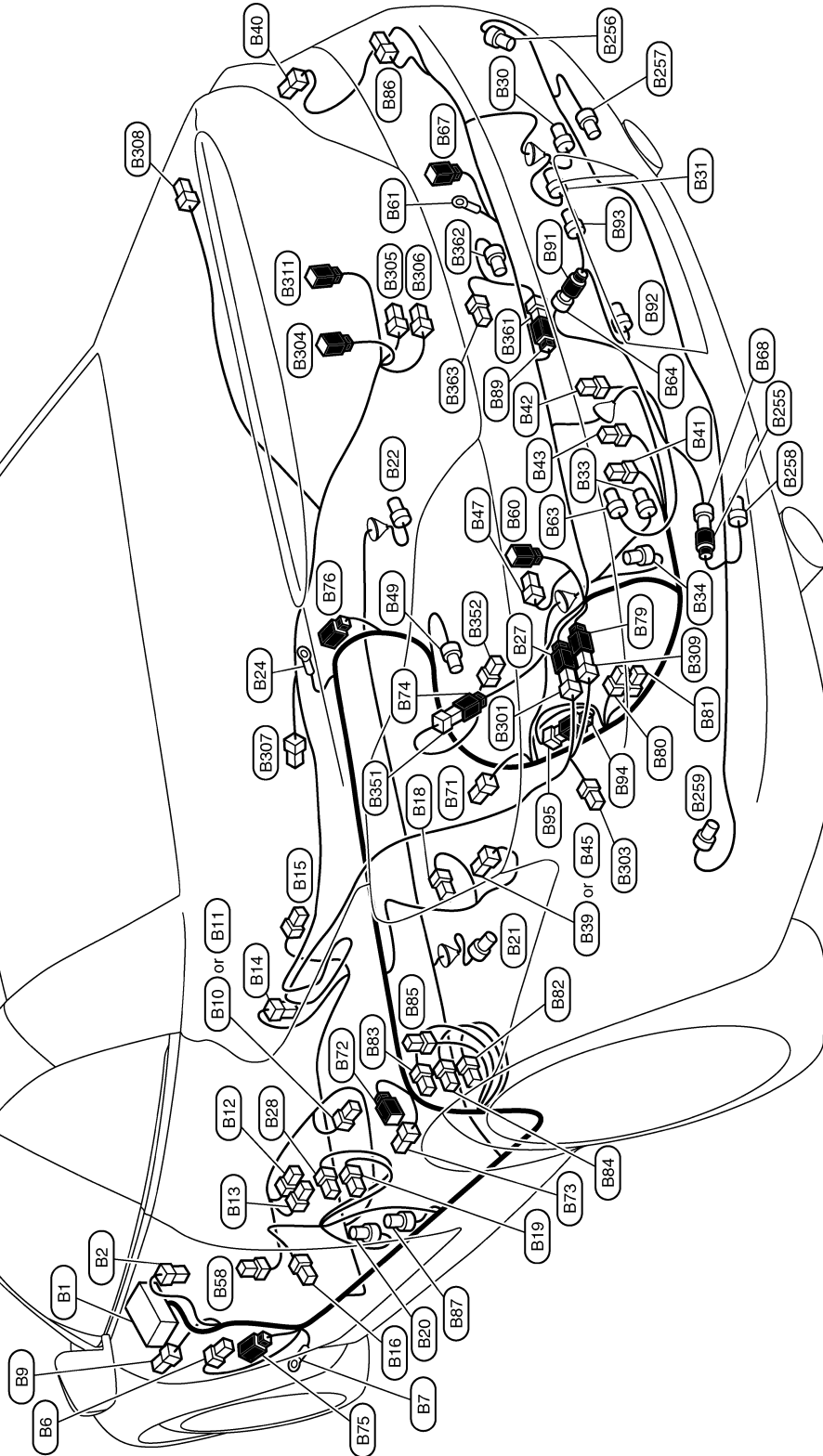
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body Harness

INFOID:000000005628811

BODY HARNESS



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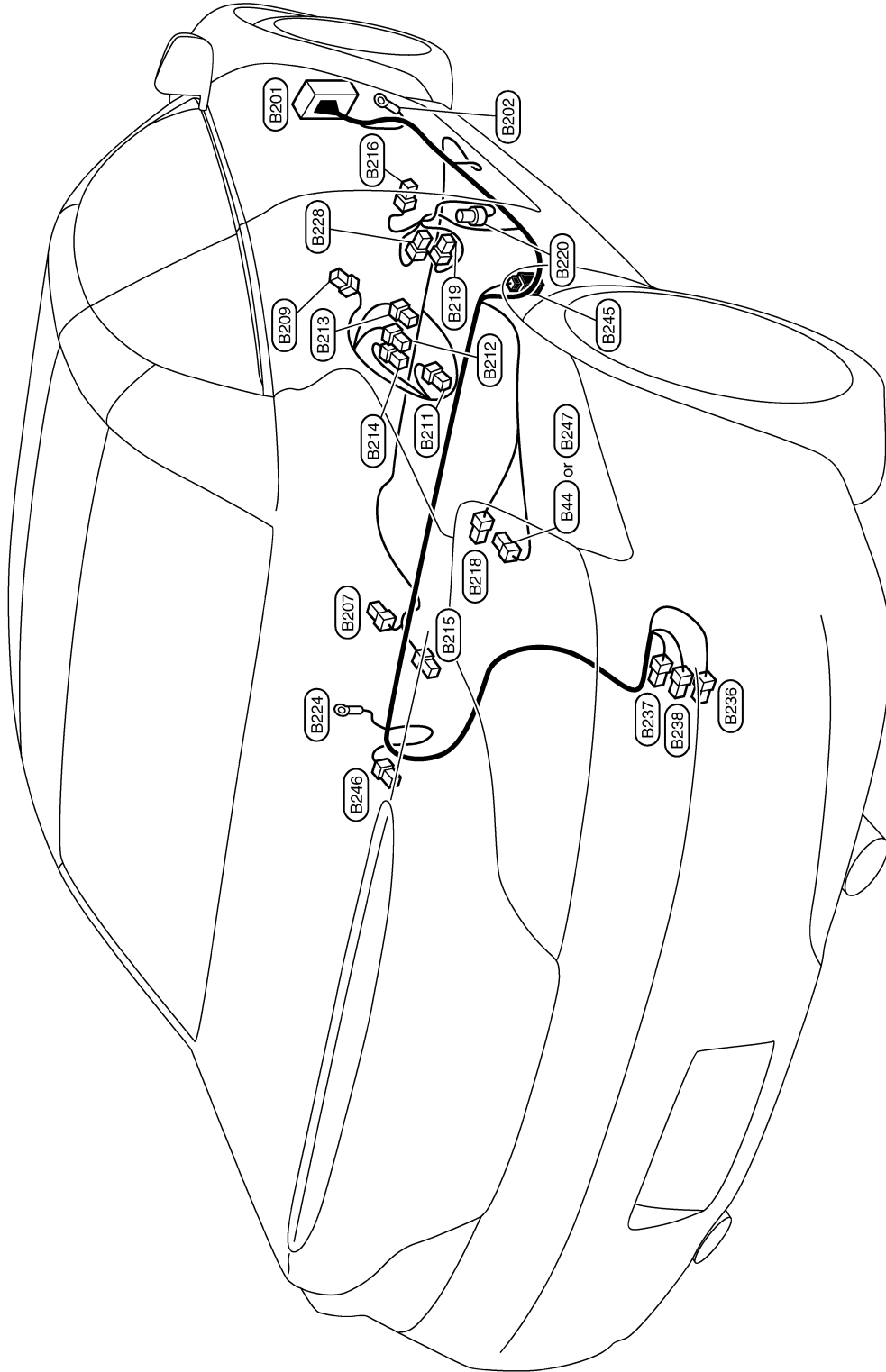
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000005628812



BODY No. 2 HARNESS

2009/11/10

JCMIM1127GB

HARNES LAYOUT

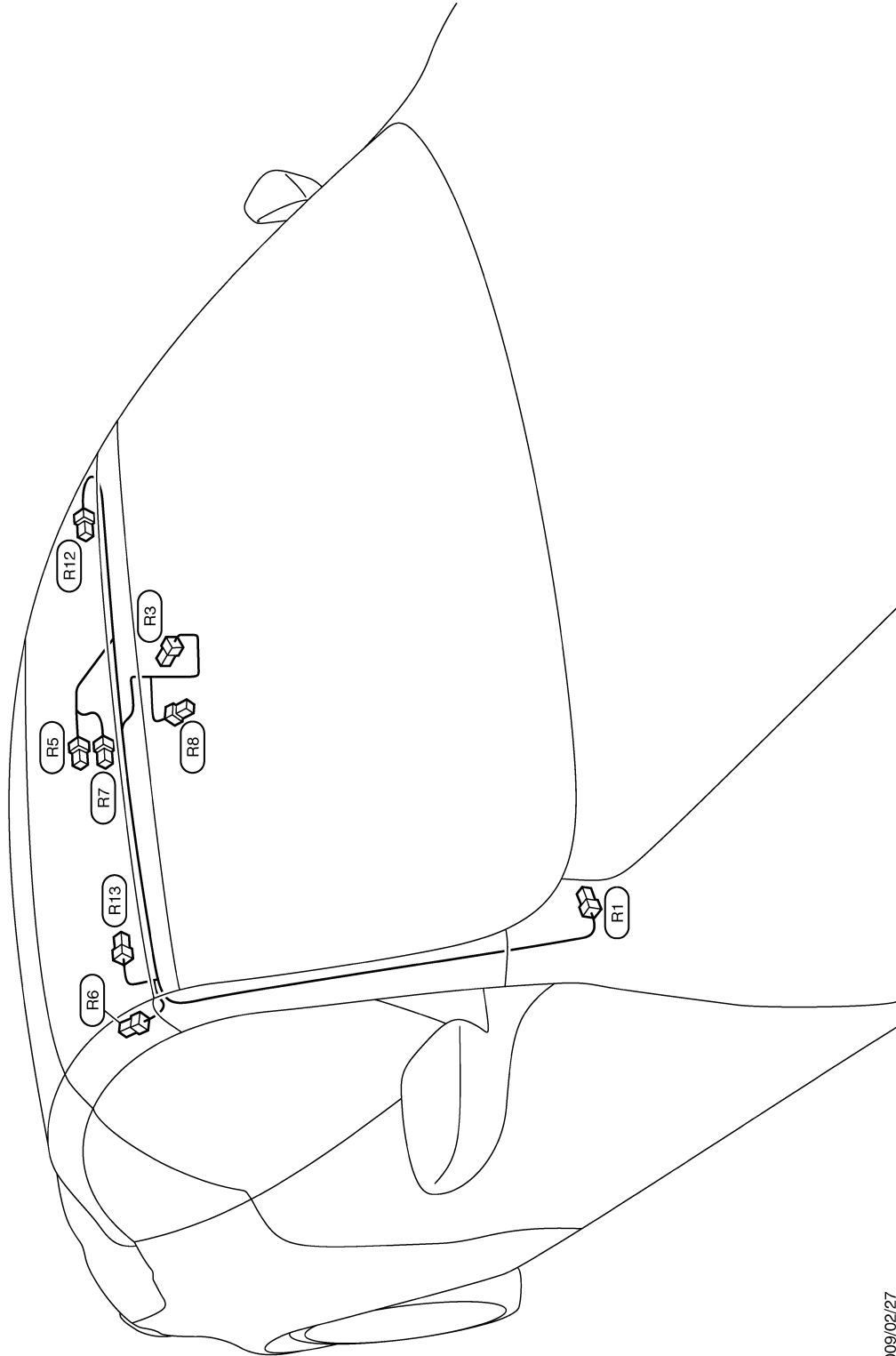
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000005628813

ROOM LAMP HARNESS



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2009/02/27

JCMIM0720GB

HARNES LAYOUT

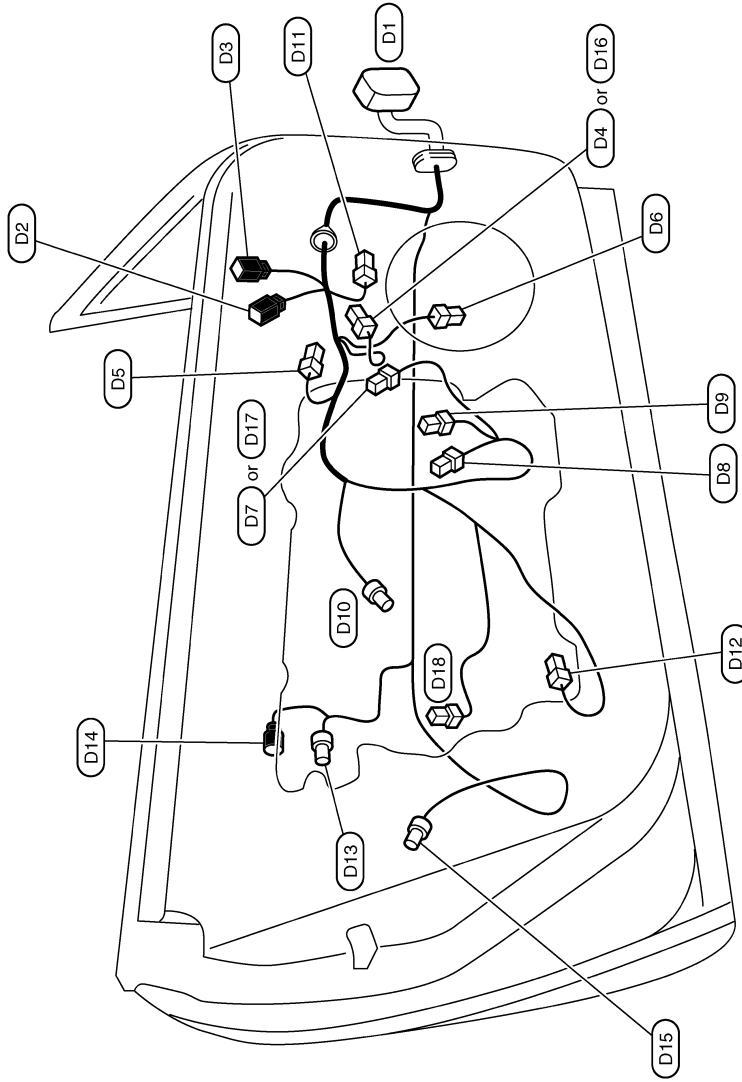
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Door Harness (Driver Side Door)

INFOID:000000005628814

DOOR HARNESS (DRIVER SIDE DOOR)



2009/02/27

JCMIM0721GB

HARNESS LAYOUT

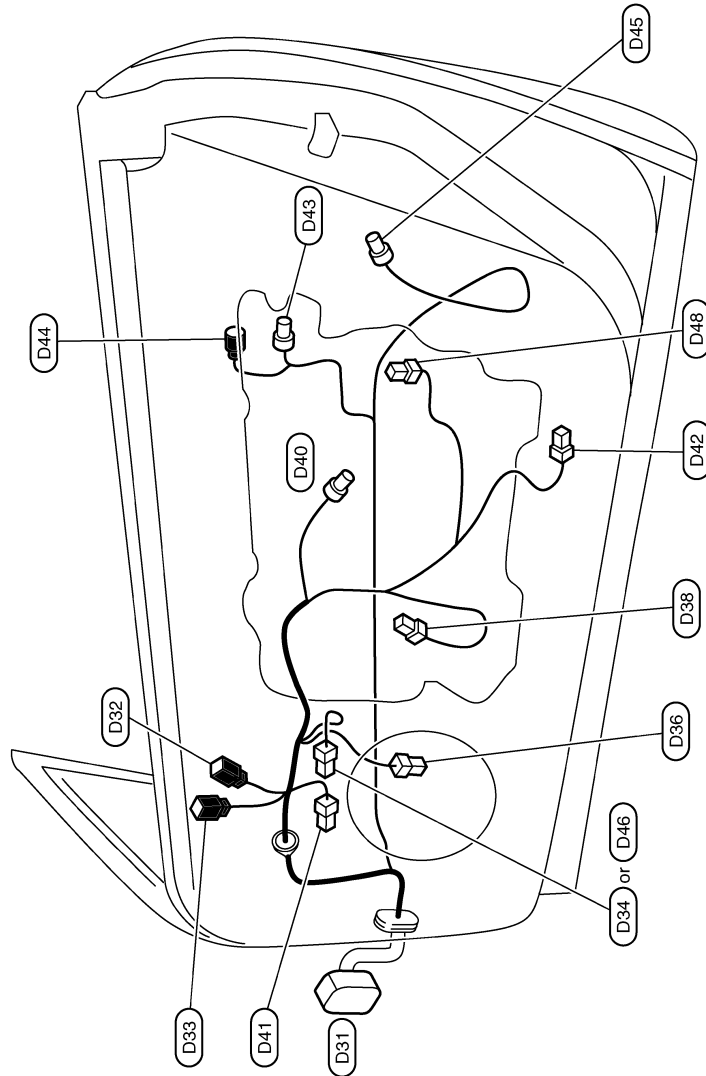
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Door Harness (Passenger Side Door)

INFOID:000000005628815

DOOR HARNESS (PASSENGER SIDE DOOR)



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HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

HARNESS CONNECTOR

Description

INFOID:000000005628816

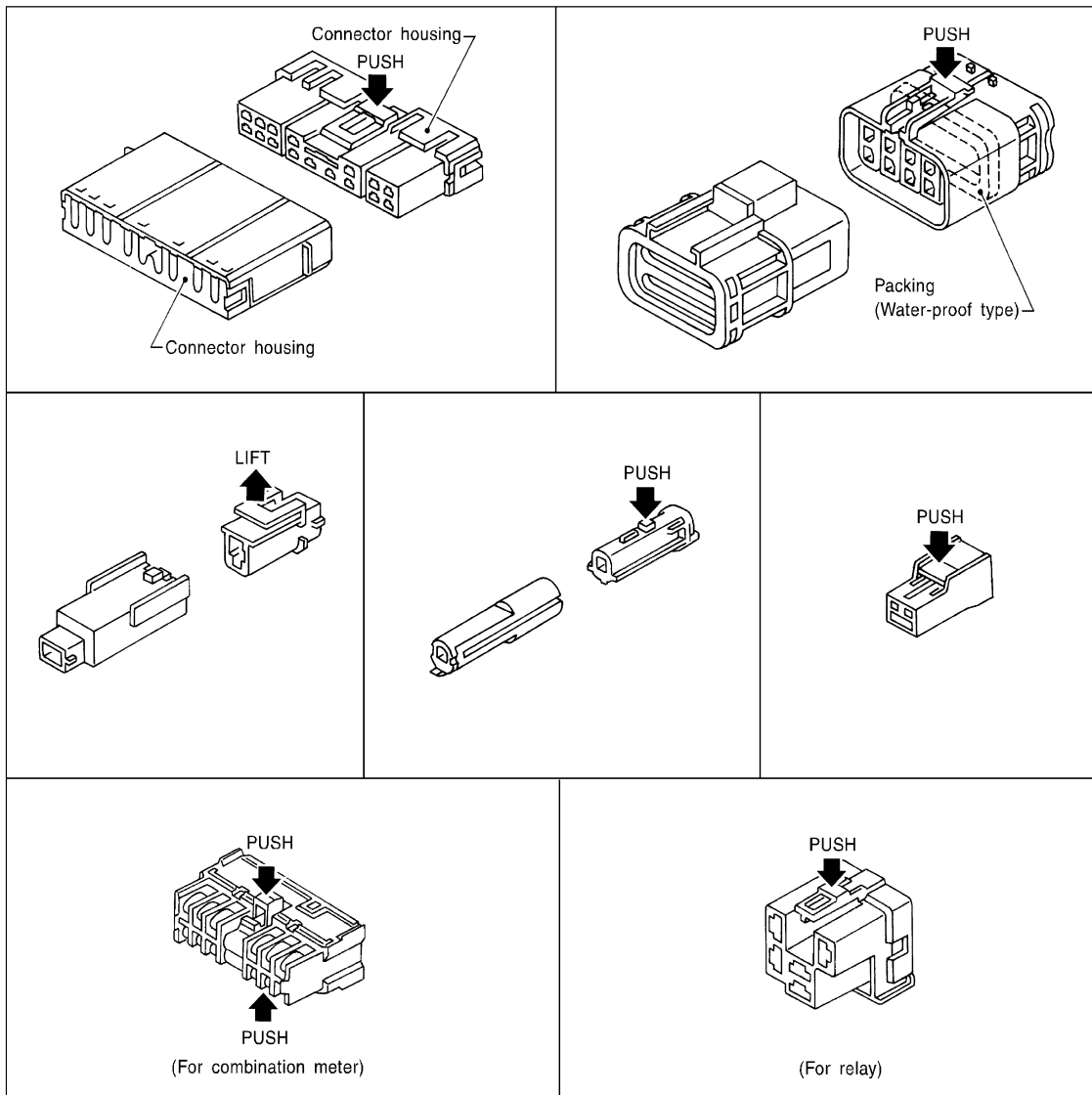
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the figure below.

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling the slider. Refer to the figure below.

HARNESS CONNECTOR

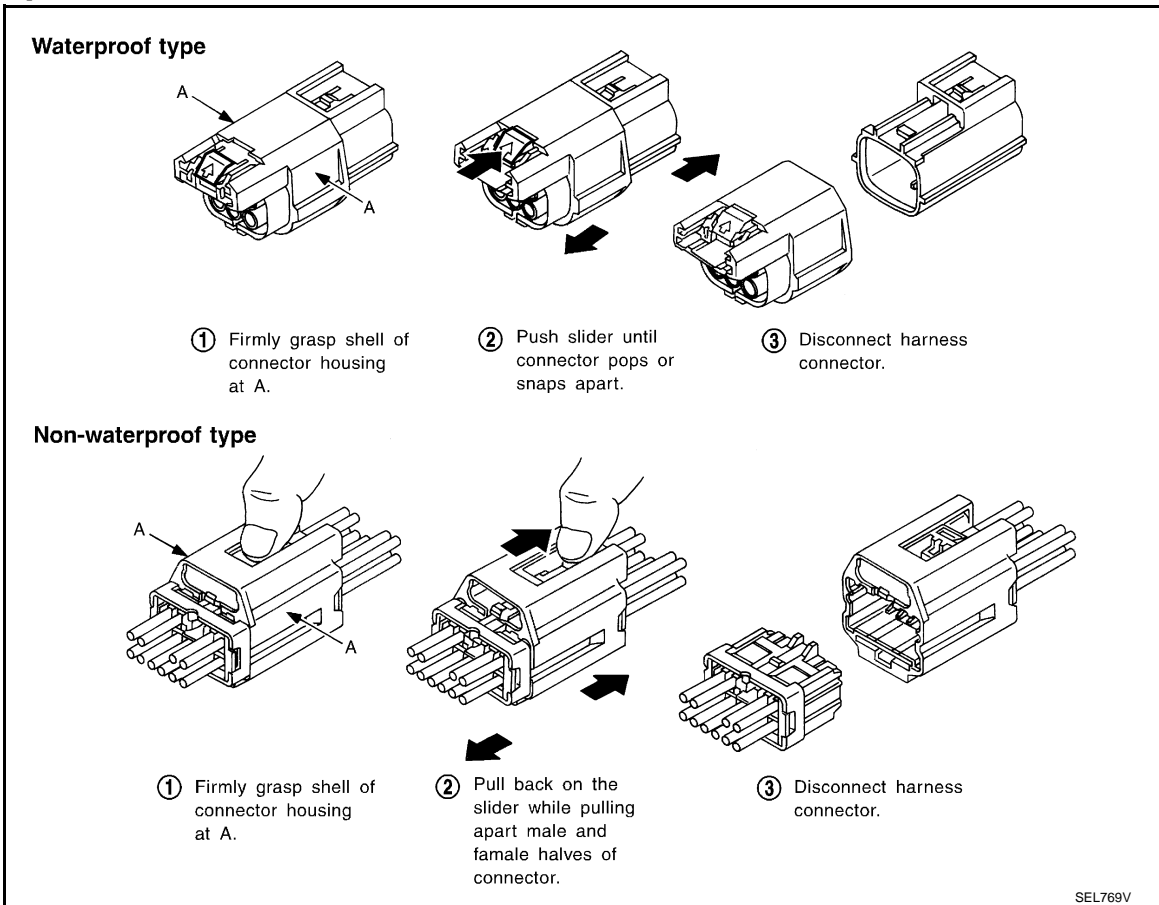
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

CAUTION:

- Never pull the harness or wires when disconnecting the connector.
- Be careful not to damage the connector support bracket when disconnecting the connector.

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked in place by moving the lever as far as it will go to ensure full connection.

CAUTION:

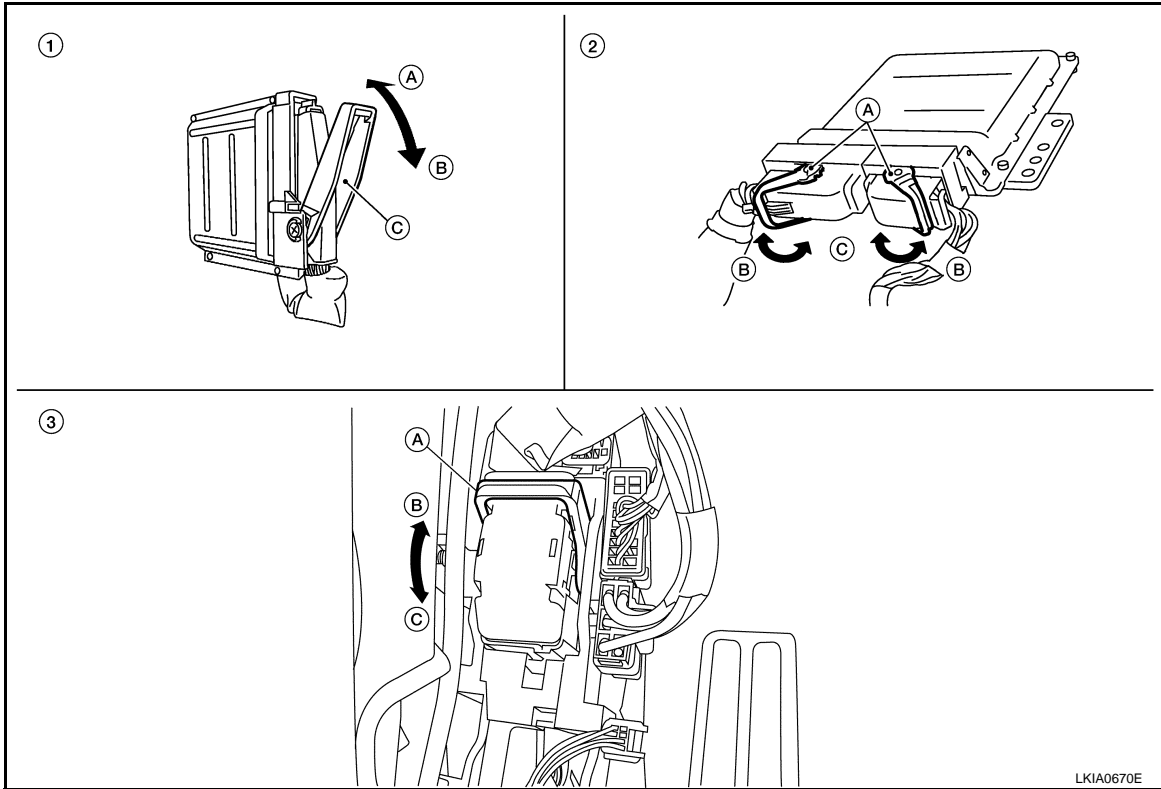
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HARNES CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Always confirm the lever is fully released (loosened) before attempting to disconnect or connect these connectors to avoid damage to the connector housing or terminals.



1. Control unit with single lever
 - A. Fasten
 - B. Loosen
 - C. Lever

2. Control unit with dual levers
 - A. Levers
 - B. Fasten
 - C. Loosen

3. SMJ connector
 - A. Lever
 - B. Fasten
 - C. Loosen

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

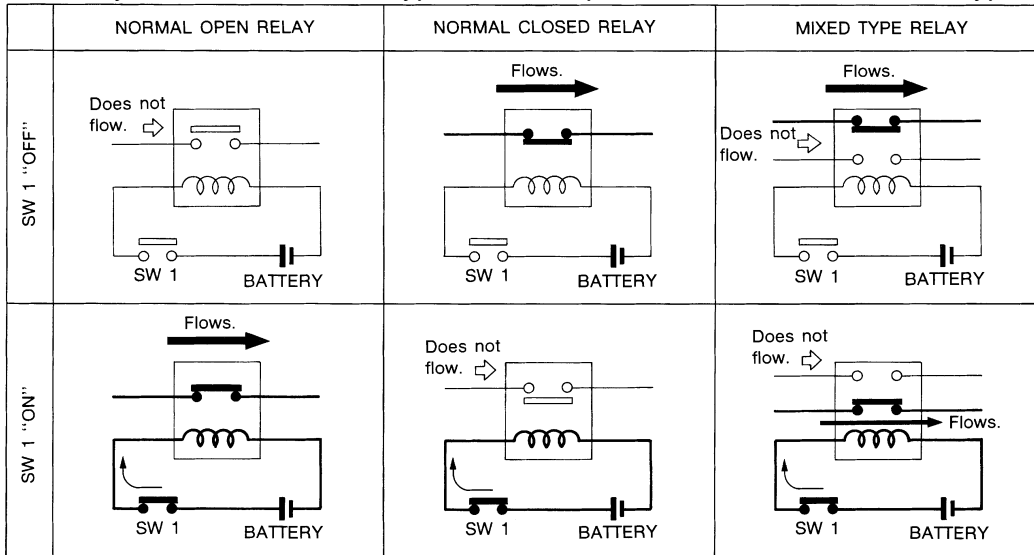
STANDARDIZED RELAY

Description

INFOID:000000005628817

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



SEL881H

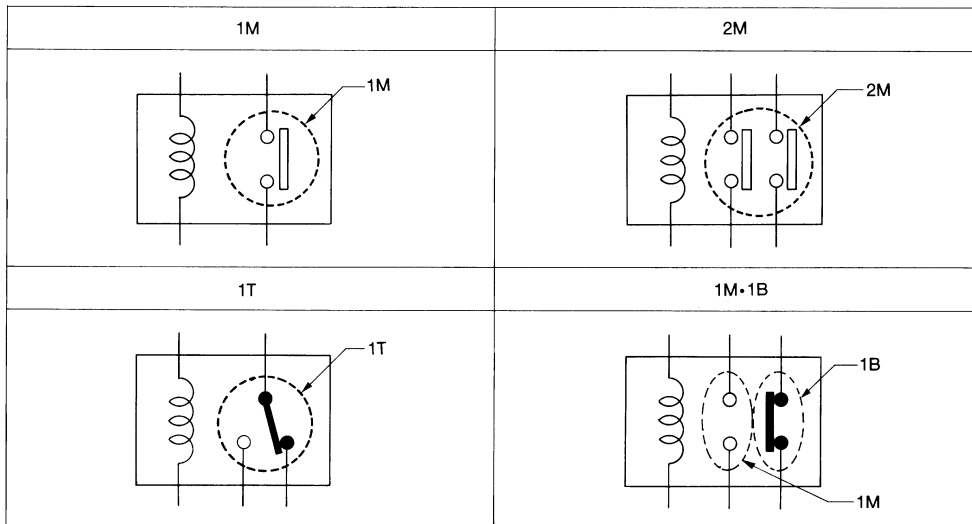
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break



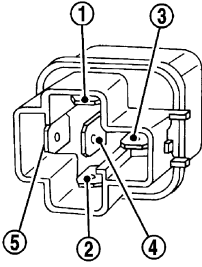
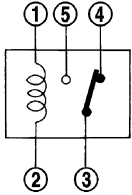
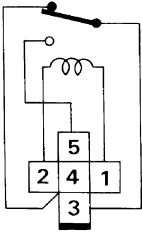
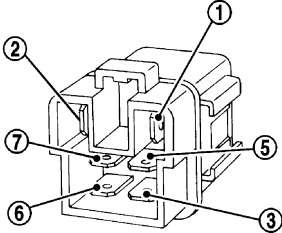
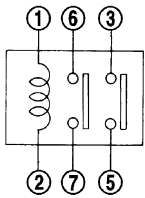
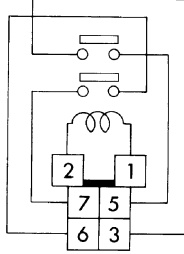
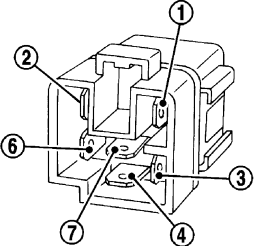
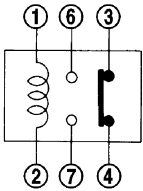
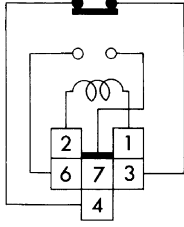
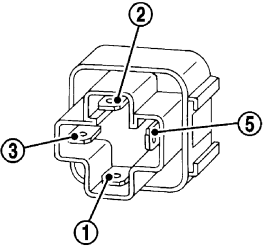
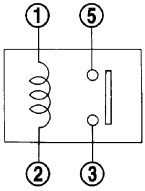
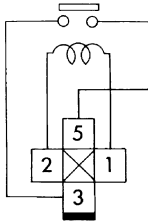
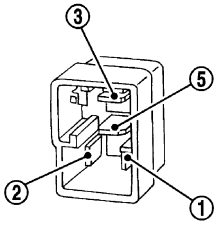
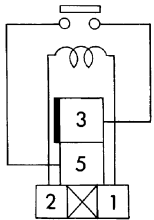
SEL882H

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STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Type	Outer view	Circuit	Connector symbol and connection	Case color
1T				BLACK
2M				BROWN
1M*1B				GRAY
1M				BLUE
				

The arrangement of terminal numbers on the actual relays may differ from those shown above.

SEL188W

FUSE BLOCK - JUNCTION BOX (J/B)

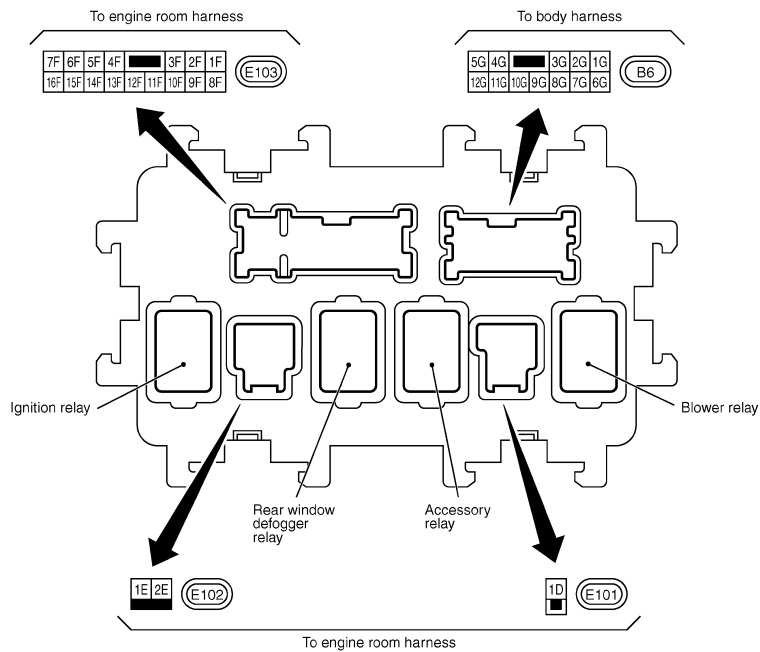
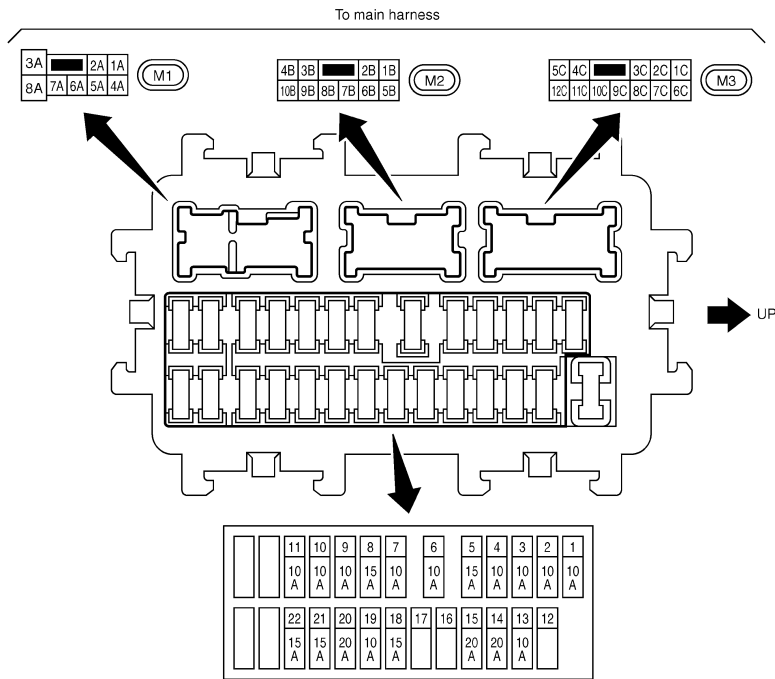
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000005628818



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FUSE, FUSIBLE LINK AND RELAY BOX

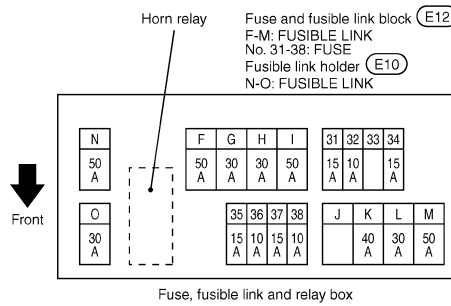
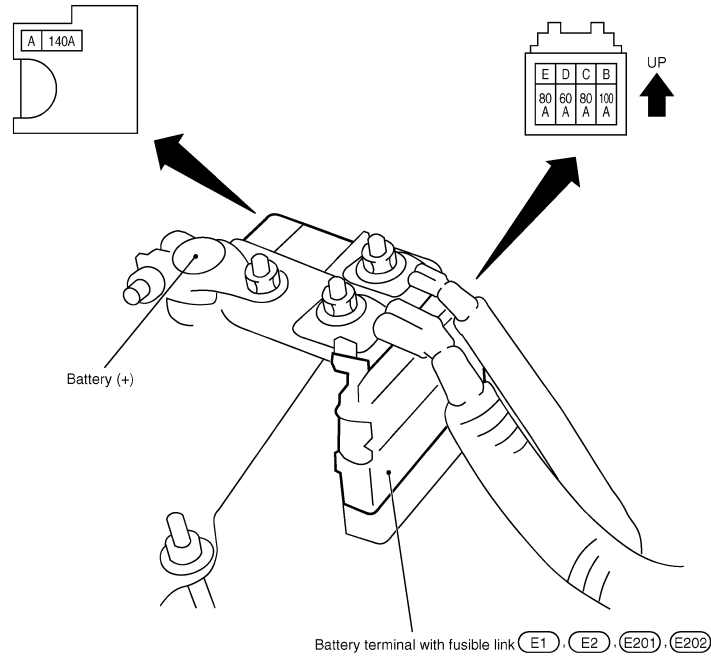
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

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JCMWM6410G

IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

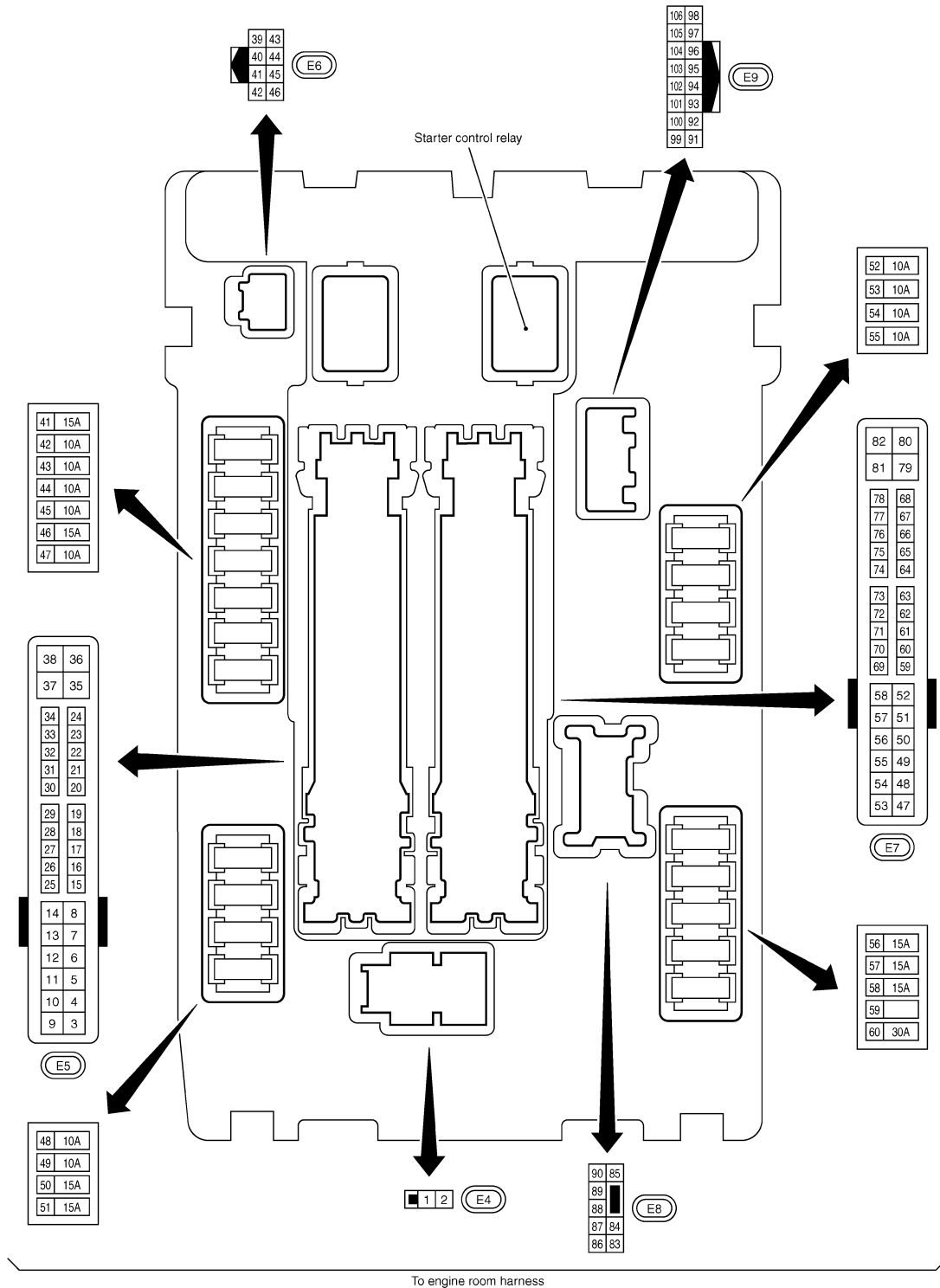
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[POWER SUPPLY & GROUND CIRCUIT]

IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

INFOID:000000005628820



2009/02/27

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PRECAUTION

PRECAUTIONS

Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000005628821

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the "SRS AIR BAG".
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Precaution for Battery Service

INFOID:000000005628822

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

Service Procedure Precautions for Models with a Pop-up Roll Bar

INFOID:000000005900161

WARNING:

- Risk of passenger injury or death may increase if the pop-up roll bar does not deploy during a roll over collision. In order to reduce the chance of an incident where the pop-up roll bar is inoperative, all maintenance must be performed by a NISSAN or INFINITI dealer.
- Before removing and installing the pop-up roll bar component parts and harness, always turn the ignition switch OFF, disconnect the battery negative terminal, and wait for 3 minutes or more. (The purpose of this operation is to discharge electricity that is accumulated in the auxiliary power supply circuit in the air bag diagnosis sensor unit.)
- When repairing, removing, and installing a pop-up roll bar, always refer to SRS AIR BAG and SRS AIR BAG CONTROL warnings in the Service Manual.

PRECAUTIONS

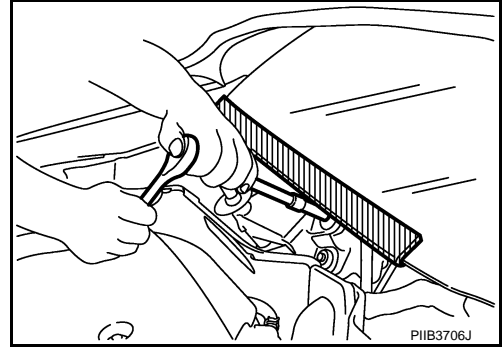
< PRECAUTION >

[POWER SUPPLY & GROUND CIRCUIT]

Precaution for Procedure without Cowl Top Cover

INFOID:000000005628824

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc.



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PREPARATION

[POWER SUPPLY & GROUND CIRCUIT]

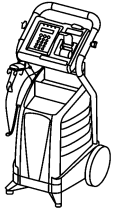
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000005628825

Tool number (Kent-Moore No.) Tool name	Description
<p>— (J-48087) Battery Service Center</p>  <p>WKIA5280E</p>	<p>Tests battery. For operating instructions, refer to Technical Service Bulletin and Battery Service Center User Guide.</p>

BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

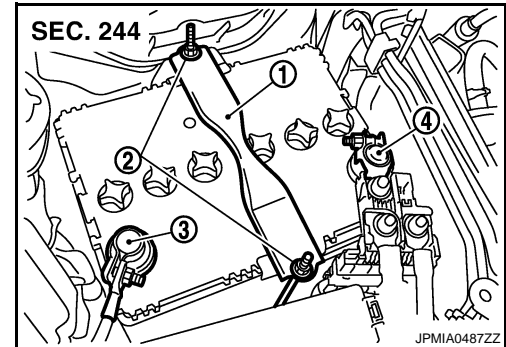
REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000005628826

- 1 : Battery fix frame
- 2 : Battery fix frame mounting nuts
- 3 : Battery terminal (-)
- 4 : Battery terminal (+)



Removal and Installation

INFOID:000000005628827

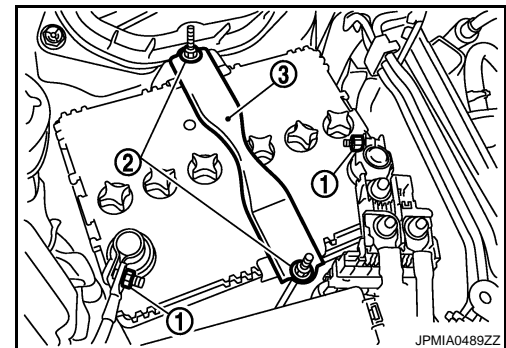
REMOVAL

1. Remove battery cover.
2. Remove cowl top cover (RH). Refer to [EXT-21, "Exploded View"](#).
3. Remove cover of battery positive terminal.
4. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

CAUTION:

When disconnecting, disconnect the battery cable from the negative terminal first.

5. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
6. Remove battery.



INSTALLATION

Install in the reverse order of removal.

CAUTION:

When connecting, connect the battery cable to the positive terminal first.

Battery fix frame mounting nut

: 3.9 N·m (0.40 kg·m, 35 in·lb)

Battery terminal nut

: 5.4 N·m (0.55 kg·m, 48 in·lb)

Reset electronic systems as necessary. Refer to [GI-52, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

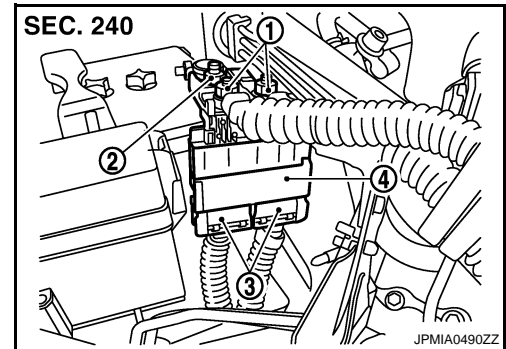
[POWER SUPPLY & GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000005628828

- 1 : Harness mounting nut
- 2 : Fusible link holder mounting nut
- 3 : Harness connector
- 4 : Battery terminal with fusible link

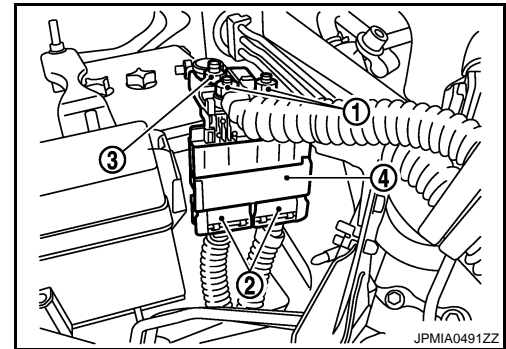


Removal and Installation

INFOID:000000005628829

REMOVAL

1. Remove battery cover.
2. Disconnect the battery cable from the negative terminal.
3. Remove cover of battery positive terminal.
4. Remove harness mounting nuts (1) to disconnect harness connector (2).
5. Remove fusible link holder mounting nut (3) to remove battery terminal with fusible link (4).



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.5 N·m (1.4 kg·m, 10 ft·lb)

Fusible link holder mounting nut

: 13.5 N·m (1.4 kg·m, 10 ft·lb)

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

[POWER SUPPLY & GROUND CIRCUIT]

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000005628830

Type		110D26L
20 hour rate capacity	[V – Ah]	12 – 75
Cold cranking current (For reference value)	[A]	720

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