

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

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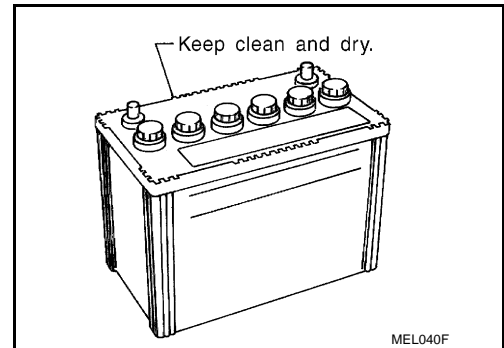
CAUTION:

- 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.

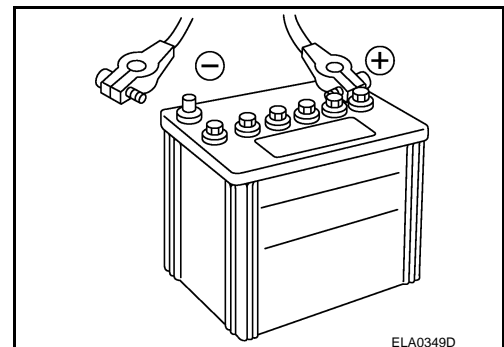
METHODS OF PREVENTING OVER-DISCHARGE

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

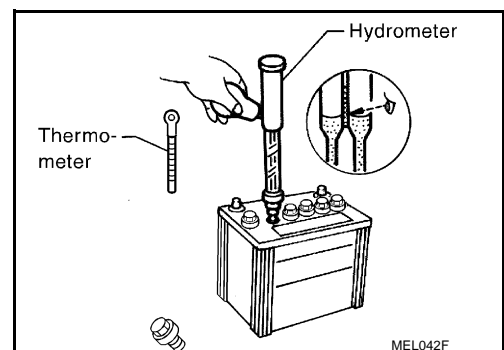
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



- 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.

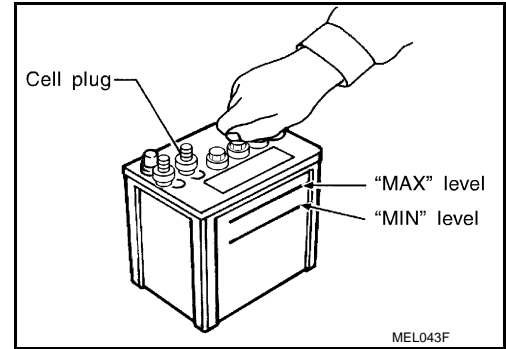
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

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

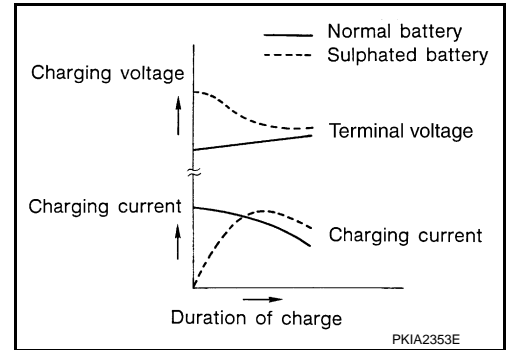


Sulphation

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.

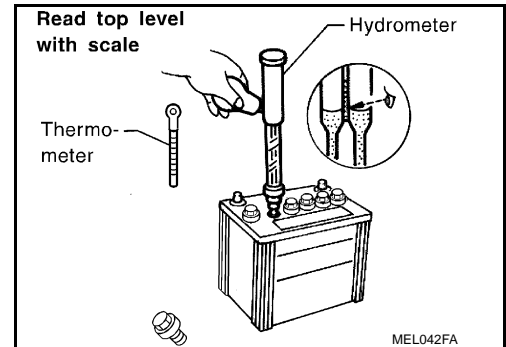
To determine if a battery has been "sulphated", note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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 >

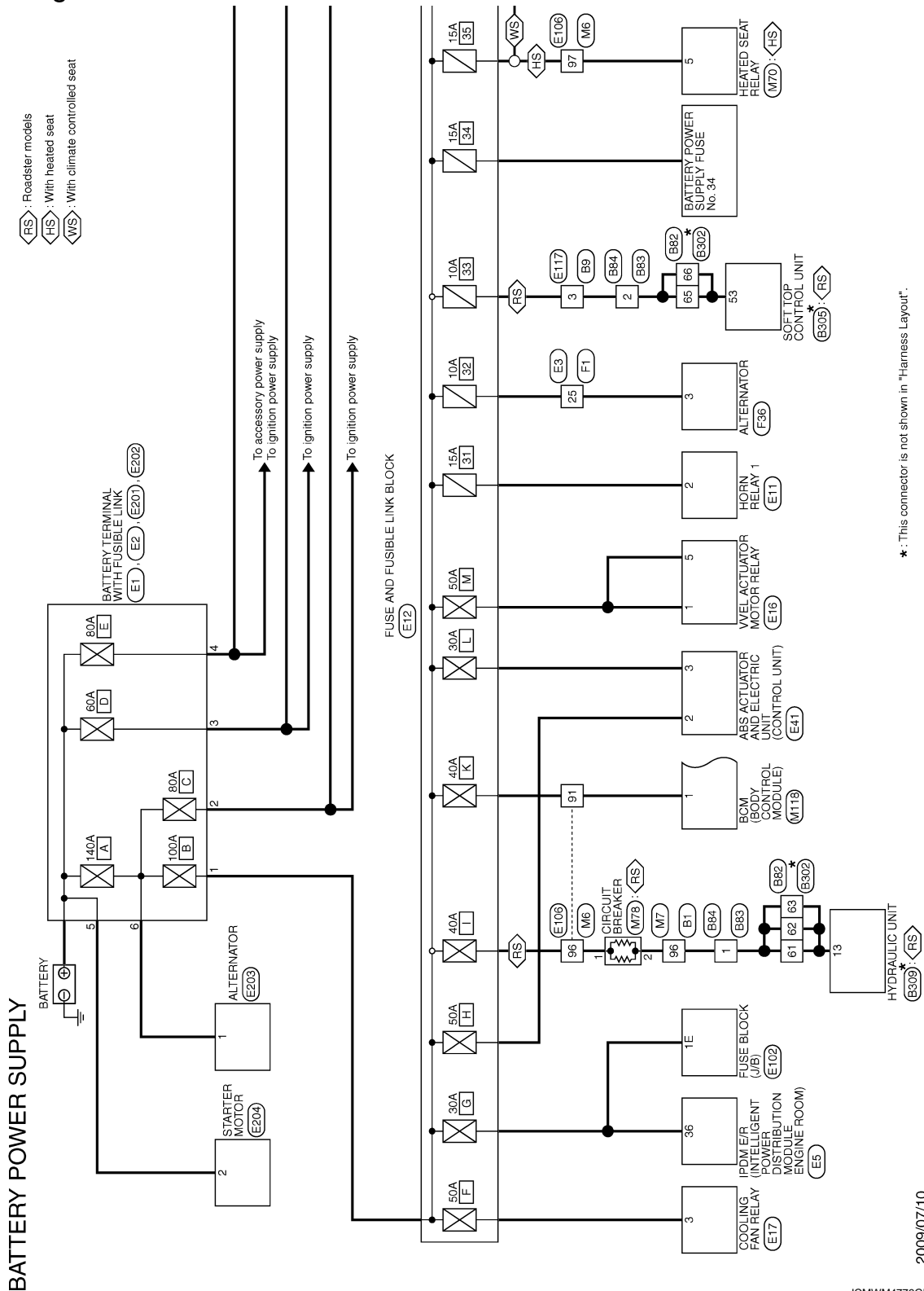
[POWER SUPPLY&GROUND CIRCUIT]

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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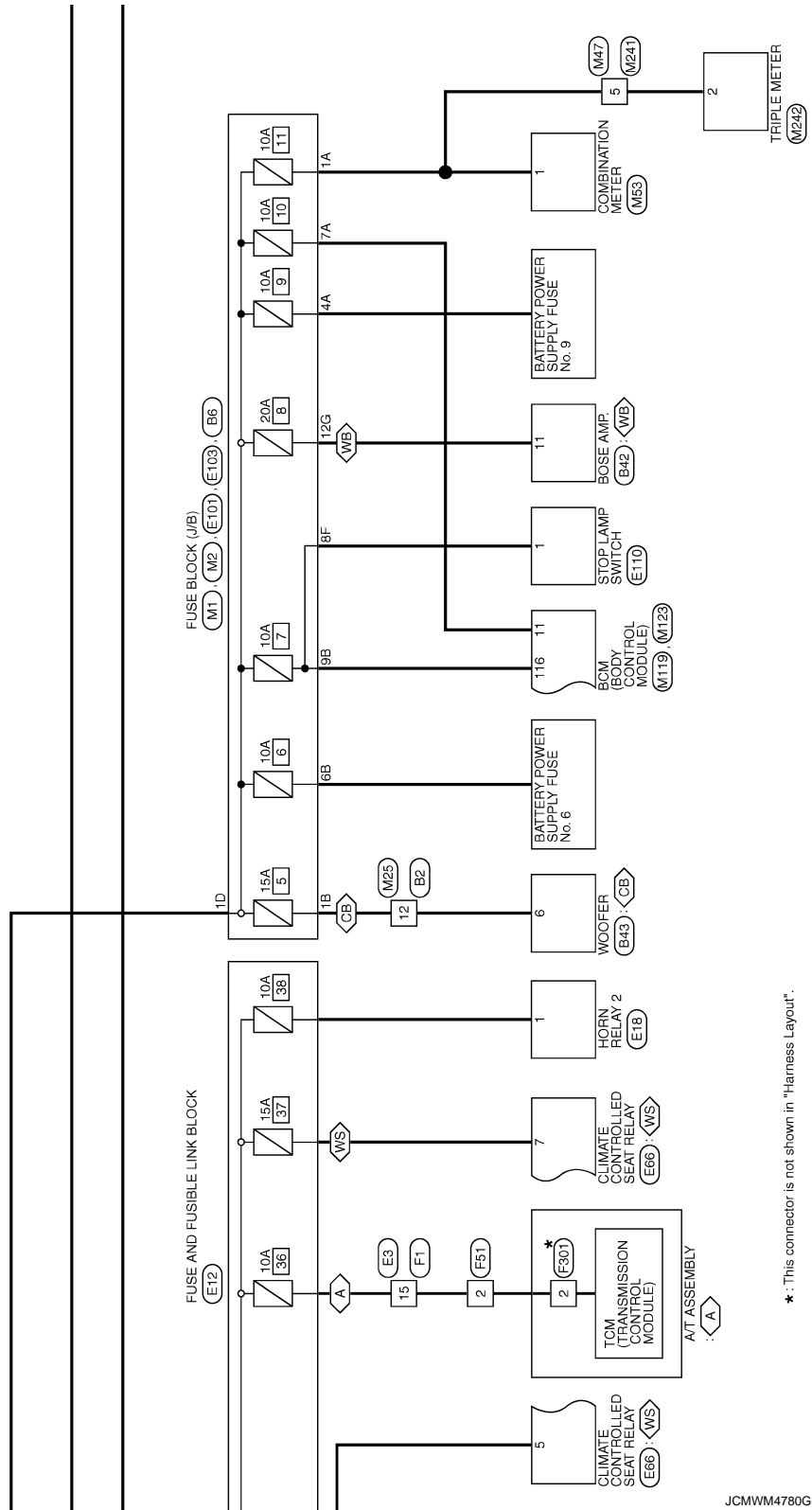


POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- : With A/T
- : Coupe models with BOSE system
- : With BOSE system
- : With climate controlled seat



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

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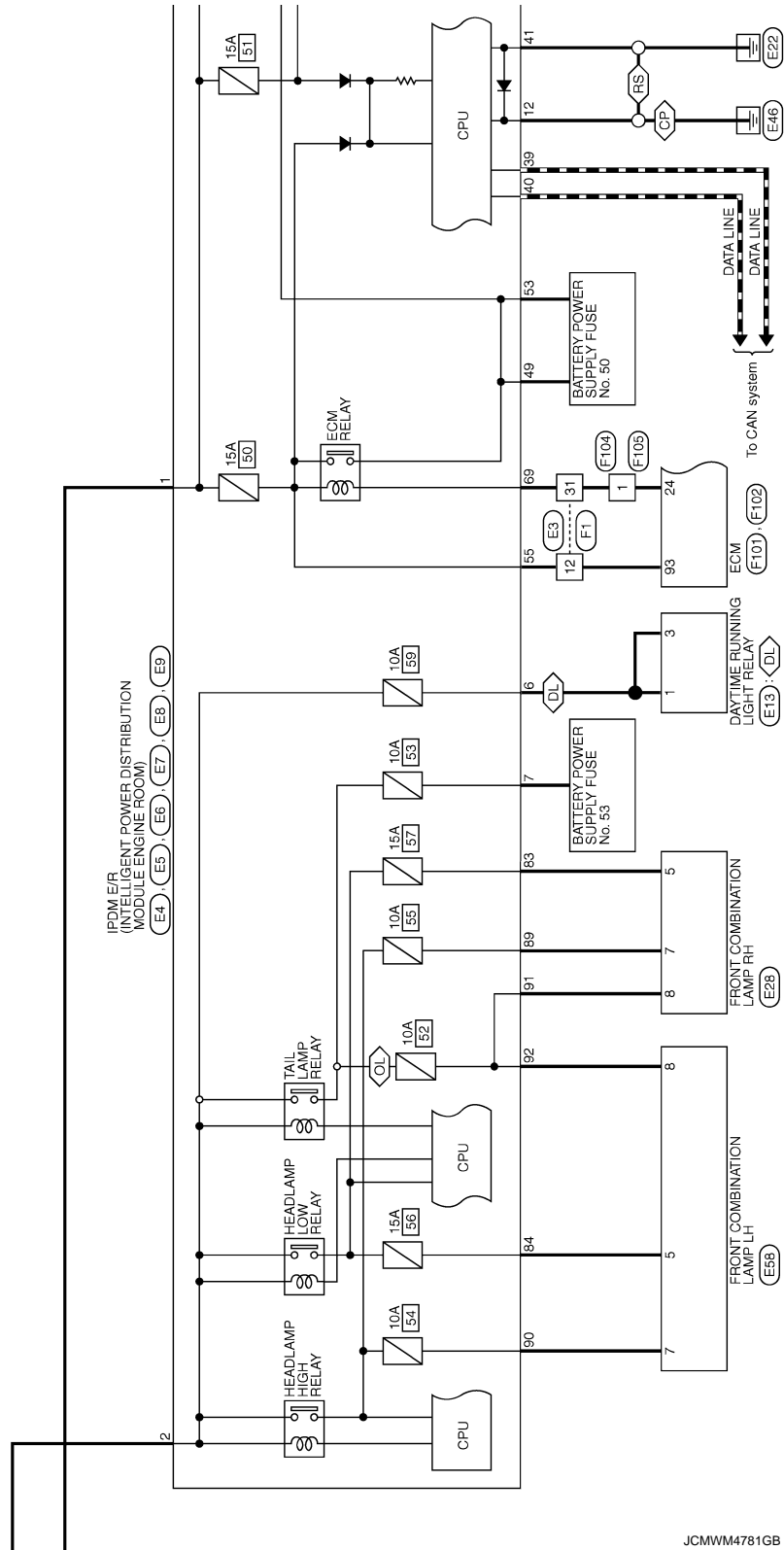
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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- : Coupe models
- : Roadster models
- : With daytime running light system
- : Without daytime running light system

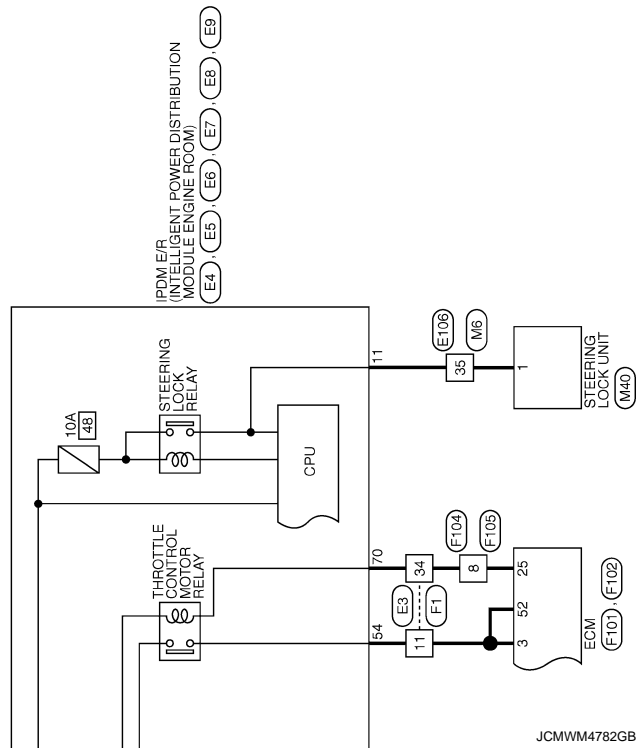


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

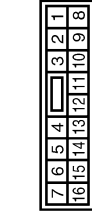
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CST16-TM44



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	BG	- [Coupe models] - [Roadster models]
3	O	-
4	W	-
6	V	-
7	LG	-
8	GR	-
9	SB	-
11	Y	-
12	W	-
13	BR	-
14	LG	-
15	B	-
16	V	-
20	SB	-
21	G	-
22	GR	-
23	V	-
24	O	-
25	L	-
26	P	-
31	W	-
32	B	-
33	P	- [Coupe models] - [Roadster models]
34	R	-
35	B	-
40	Y	-
41	L	-
42	GR	-
43	BR	-
44	R	-
45	BG	- [Coupe models] - [Roadster models]
46	SB	-
47	V	-
48	SHIELD	-

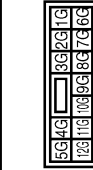
51	W	-
52	R	-
57	SHIELD	-
58	B	-
60	V	-
61	SB	-
62	SHIELD	-
63	BR	-
64	Y	-
65	SHIELD	-
66	P	-
67	L	-
68	SHIELD	-
69	R	-
70	G	-
71	V	-
72	P	-
73	BR	-
74	GR	-
75	O	-
80	Y	-
81	R	-
82	B	-
83	GR	-
84	G	- [Coupe models] - [Roadster models]
85	L	-
86	V	-
87	BR	-
88	GR	-
93	Y	-
94	L	- [Coupe models] - [Roadster models]
95	G	- [Coupe models] - [Roadster models]
96	L	- [Coupe models] - [Roadster models]
97	Y	-
98	W	- [Coupe models] - [Roadster models]
99	LG	-
100	B	-

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	NS18FW-CS



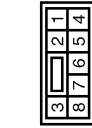
Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	- [Coupe models]
3	R	- [Coupe models] - [Roadster models]
4	LG	- [Roadster models]
5	BG	- [Coupe models] - [Roadster models]
6	O	-
7	L	-
11	LG	-
12	Y	-
13	W	-
14	B	-
15	GR	-
16	LG	-

Connector No.	B3
Connector Name	FUSE BLOCK (J/E)
Connector Type	NS12FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
5G	LG	-
10G	W	- [Coupe models] - [Roadster models]
11G	W	- [Coupe models] - [Roadster models]
11G	G	-
12G	Y	-

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	NS30FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	R	- [Coupe models] - [Roadster models]
3	Y	-
4	GR	-
5	BG	- [Coupe models] - [Roadster models]
6	BR	-
7	LG	-
8	R	-

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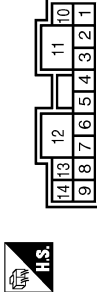
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SGA1ZPER-SJA2



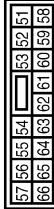
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	SOUND SIGNAL REAR SPEAKER LH (+) [Coupe models]
1	LG	SOUND SIGNAL REAR WOODER LH (-) [Roadster models with MAVO]
1	L	SOUND SIGNAL REAR WOODER LH (-) [Roadster models without MAVO]
2	R	SOUND SIGNAL REAR SPEAKER RH (+) [Coupe models]
2	LG	SOUND SIGNAL REAR WOODER RH (-) [Roadster models]
3	BR	SOUND SIGNAL REAR SPEAKER RH (+) [Roadster models]
3	Y	SOUND SIGNAL REAR WOODER RH (-) [Coupe models]
4	L	SOUND SIGNAL FRONT DOOR SPEAKER LH (+)
5	V	SOUND SIGNAL FRONT DOOR SPEAKER LH (-)
6	LG	SOUND SIGNAL TWEETER LH (+)
7	GR	SOUND SIGNAL TWEETER LH (-)
8	BG	SOUND SIGNAL FRONT SPEAKER RH (+) [Coupe models]
8	O	SOUND SIGNAL FRONT SPEAKER RH (+) [Roadster models]
9	SB	SOUND SIGNAL WOODER (+) [Coupe models]
9	LG	SOUND SIGNAL REAR SPEAKER RH (+) [Roadster models]
10	P	SOUND SIGNAL REAR SPEAKER LH (-) [Coupe models]
10	V	SOUND SIGNAL REAR WOODER (-) [Roadster models with MAVO]
11	Y	BATTERY
12	B	GND
13	G	SOUND SIGNAL FRONT SPEAKER RH (-)
14	V	SOUND SIGNAL WOODER (-) [Coupe models]
14	Y	SOUND SIGNAL REAR SPEAKER RH (-) [Roadster models]

Connector No.	B43
Connector Name	WOOFER
Connector Type	RS08FGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	SOUND SIGNAL WOODER (-)
2	SB	SOUND SIGNAL WOODER (+)
3	SHIELD	SHIELD
4	GR	WOOFER AMP. ON SIGNAL
5	B	GND
6	Y	BATTERY

Connector No.	B82
Connector Name	WIRE TO WIRE
Connector Type	NS18FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
52	P	
53	G	
55	R	
56	B	
57	B	
58	Y	
59	B	
60	LG	
61	L	
62	L	
63	L	
64	B	
65	Y	
66	Y	

Connector No.	B83
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

Connector No.	B84
Connector Name	WIRE TO WIRE
Connector Type	M02MW



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

Connector No.	B302
Connector Name	WIRE TO WIRE
Connector Type	NS18MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
52	R	
55	V	
56	B	
57	B	
58	SB	
59	DG	
60	DG	
61	R	
62	R	
63	R	
64	B	
65	R	
66	R	

Connector No.	E305
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	M03FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
53	R	BATTERY
54	B	GND

Connector No.	E309
Connector Name	HYDRAULIC UNIT
Connector Type	YAZAKI 7282-5590-40



Terminal No.	Color of Wire	Signal Name [Specification]
13	R	
14	B	

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



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

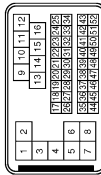
BATTERY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FY-1MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA30MB-FSS-SH28



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/Y	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	GR	-
6	G	-
7	W	-
8	W	-
10	Y	-
11	V	-
12	SB	-
13	L	-
14	G	-
15	R	-
16	LG	-
17	GR	-
18	Y	-
19	BG	- [Coupe models]
19	O	- [Roadster models]
20	B	-

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

Connector No.	E4
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LO2FB-1MC



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

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



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

Connector No.	E5
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-RH



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

45	G	-
46	V	-

Connector No.	E7
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-1M4



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

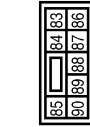
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

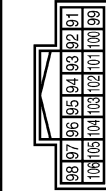
BATTERY POWER SUPPLY

Connector No.	E8
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	-
84	P	-
88	G	-
88	BR	-
90	LG	-

Connector No.	E9
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH16FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
91	P	-
92	EG	- [Coupe models]
92	O	- [Roadster models]
97	V	-
104	LG	-
105	SB	-

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	Z4381 7950A



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

Connector No.	E13
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	SB	-
3	R	-
3	EG	- [Coupe models]
3	O	- [Roadster models]

Connector No.	E16
Connector Name	LEVEL ACTUATOR MOTOR RELAY
Connector Type	Z4347 9F900



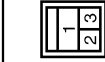
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	Y	-
3	W	-
5	R	-

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	Z4347 9F900



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	W	-
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.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS08FGY-PR



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

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O
P

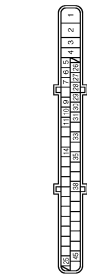
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

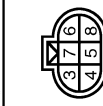
BATTERY POWER SUPPLY

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BA4APFB-AH24-LH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	G	UBNR
3	R	UBVR
4	B	GND
5	Y	DS FL
6	BG	DP RL [Coupe models]
7	O	DP RL [Roadster models]
8	BR	DP RR
9	B	DP PR
10	W	DS PR
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 SW
35	L	CAN-H
45	B	BUS-H

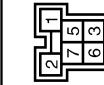
Connector No.	E58
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	FS9BFGY-PR



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

5	P	-
6	GR	-
7	LG	-
8	BG	- [Coupe models]
9	O	- [Roadster models]

Connector No.	E66
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M06FBR-R-LC



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-MG



Terminal No.	ID	R	Signal Name [Specification]
			-

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02FE-LC



Terminal No.	IE	G	Signal Name [Specification]
			-

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



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

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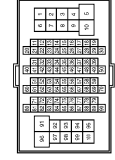
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80PV-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models]
21	G	- [Roadster models]
31	L	-
32	Y	-
33	P	-
34	L	-
36	BR	-
36	V	-
37	Y	-
38	R	-
38	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
44	GR	- [Except for roadster models with M/T]
45	BG	- [Coupe models]
45	O	- [Roadster models]
46	W	-
47	P	-
58	SHIELD	-
58	L	-

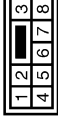
70	P	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	- [Coupe models]
85	O	- [Roadster models]
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	- [Coupe models]
100	O	- [Roadster models]

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	MD4FW-LC



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

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	MS88MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	O	- [Roadster models with daytime running light system]
2	R	- [Except for roadster models with daytime running light system]
3	Y	-
4	GR	-
5	BG	- [Coupe models]
5	O	- [Roadster models]
6	BR	-
7	P	-
8	BG	- [Coupe models with daytime running light system]
8	O	- [Roadster models with daytime running light system]
8	R	- [Without daytime running light system]

Connector No.	E201
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340 79908



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

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	ALL TERMINATOR
Connector Type	24340 69F45



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

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	24346 51E61



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

A
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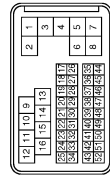
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA33PE-R38-S1Z3



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

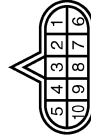
38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-
43	R	-
44	SB	-
46	SHIELD	-
47	W/L	-
48	LG	-
49	O/L	-
50	L/Y	-
51	W	-
52	L/G	-

Connector No.	F06
Connector Name	ALTERNATOR
Connector Type	HS30FB



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

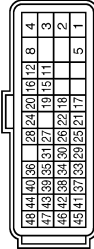
Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	FK10PE-DGY



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

4	V	-
5	B	-
6	Y	-
7	W	-
8	P	-
9	GR	-
10	B	-

Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-RZ8-L-UH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	AFH1 / O2HF 1 [Coupe models]
2	W	AFH1 / O2HF 1 [Roadster models]
2	R	MOTOR 1-B1 [Coupe models]
2	G	MOTOR 1-B1 [Roadster models]
3	G	VMOT 1-B1 [Coupe models]
3	R	VMOT 1-B1 [Roadster models]
4	BG	MOTOR 2-B1 [Coupe models]
4	BR	MOTOR 2-B1 [Roadster models]
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	BG	MOTRLY 1-B1 [Coupe models]
25	O	MOTRLY 1-B1 [Roadster models]
26	W	SHIFT-X
27	G	SHIFT-Y
28	BR	ABORT
29	G	CVTCH2
30	Y	TPS 1-B1
31	R	TPS 1-B2

33	SB	O2HR 2
34	B	TPS 2-B1
35	W	TPS 2-B2
36	BG	GND / INTPRES / M/PRES [Coupe models]
36	O	GND / INTPRES / M/PRES [Roadster models]
37	W	POS
38	O	INTPRES 1
39	P	M/PRES
40	R	GND / TPS-B1
41	SB	CLUTCH L
42	GR	CLUTCH H
43	G	AVCC-TPS-B2
44	L	AVCC 2 / INTPRES / M/PRES
45	LG	AVCC 2-POS
46	R	GND-POS
47	Y	GND-POS
48	B	GND-TPS-B2

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FBR-R28-L-L4-Z

96	92	88	84	80	76	72	68	64	60	56
95	91	87	83	79	75	71	67	63	59	55
94	90	86	82	78	74	70	66	62	58	54
93	89	85	81	77	73	69	65	61	57	53
93	89	85	81	77	73	69	65	61	57	53



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	EG	PHASEFT [Couple models]
59	O	PHASEFT [Roadster models]
60	G	AVCC-PHS 1-E-PHS 1 / PS
61	R	AF-1
63	L	PHASEH2
64	SB	AVCC-PHS-E-PHS 2 / CU
65	LG	AF-2/OZSF 2
66	V	AF-2
67	P	TA 1
68	LG	GND4 GA 1 / TA 1
69	W	KNK 2
71	Y	TW
72	SHIELD	GND4-KNK
73	W	KNK 1
74	L	AVCC 2 SHEET X/Y
75	W	WREV
76	W	OZSR 1
77	SB	GA 1+
78	G	TO 1
79	BR	GA 2+
80	EG	OZSR 2 [Couple models]
80	O	OZSR 2 [Roadster models]
81	R	INJ#3
82	V	INJ#4
83	LG	TA 2
84	B	GND4 O2S-TW-TO
85	BR	INJ#2
86	W	INJ#5
87	Y	PSPRES
88	R	GND-A
88	GR	INJ#1

90	BG	INJ#4 [Couple models]
90	O	INJ#4 [Roadster models]
91	SB	CURSEN
92	G	GND4-PHASE#2
93	P	BATT
94	Y	GND4-GA 2 / TA 2
95	G	GND4-PDPRES
96	P	GND4-PHASE#1 / PS

Connector No.	F104
Connector Name	WIRE TO WIRE
Connector Type	TH40BFW-NH

4	3	2	1
8	7	6	5



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

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH40BMP-NH

1	2	3	4
5	6	7	8



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	L	-
4	Y	-
6	GR	-

7	R	-
8	O	-

Connector No.	F301
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SPI0FG

1	2	3	4	5
6	7	8	9	10



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VGN
2	B	BATT
3	R	CAN-H
4	O	K-LINE
5	G	GND
6	GR	VGN
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



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	L	-
6A	Y	-
7A	BR	-
8A	L	-

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



4B	3B	2B	1B
10B	9B	8B	7B
6B	5B	4B	3B

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

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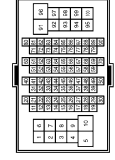
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

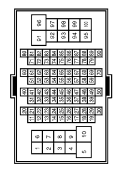
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	L	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	BR	- [Coupe models]
21	R	- [Roadster models]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
38	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-

59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	L	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

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



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

21	G	-
22	GR	-
23	V	-
24	R	-
25	L	-
26	P	-
31	W	-
32	B	-
33	W	-
34	R	-
35	B	-
40	L	-
41	R	-
42	GR	-
43	R	- [Coupe models]
43	V	- [Roadster models]
44	R	-
45	O	-
46	G	- [With A/T]
46	SB	- [With M/T]
47	R	-
47	V	- [With M/T]
48	SHIELD	-
51	V	-
52	R	-
57	SHIELD	-
58	B	-
60	L	- [Coupe models]
60	V	- [Roadster models]
61	R	- [Coupe models]
61	SB	- [Roadster models]
62	SHIELD	-
63	R	- [Coupe models]
63	BR	- [Roadster models]
64	G	- [Coupe models]
64	V	- [Roadster models]
65	SHIELD	-
66	L	-
66	P	- [Coupe models]
66	V	- [Roadster models]
67	V	- [Coupe models]
67	L	- [Roadster models]
68	SHIELD	-
69	L	- [Coupe models]
69	R	- [Roadster models]
70	P	- [Coupe models]
70	G	- [Roadster models]
71	V	-
72	P	-
73	BR	-
74	GR	-
75	O	-
80	Y	-

81	W	-
82	BR	-
83	GR	-
84	L	-
85	LG	-
86	V	-
87	BR	-
88	SB	-
93	Y	-
94	SB	- [Coupe models]
94	L	- [Roadster models]
95	GR	- [Coupe models]
95	W	- [Roadster models]
96	L	-
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	BG	- [Coupe models]
98	Y/B	- [Roadster models]
99	W	-
100	B	-

Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NS18MMF-OS



Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	-
3	LG	-
4	LG	-
5	V	-
6	V	-
7	L	-
11	LG	-
12	Y	-
13	W	-
14	L	-
15	W	-
16	L	-

JCMWM4791GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

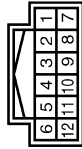
BATTERY POWER SUPPLY

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	P	S/L CONDITION 2

Connector No.	M47
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
4	O	
5	V	
6	B	

Connector No.	M63
Connector Name	COMBINATION METER
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION POWER SUPPLY
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	Y	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
9	BR	COMMUNICATION SIGNAL (METER-TRIPLE METER)
10	L	COMMUNICATION SIGNAL (TRIPLE METER-METER)
12	G	S-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
20	GR	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	GROUND
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS08FL-M2-LC



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

Terminal No.	5	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	M78
Connector Name	CIRCUIT BREAKER
Connector Type	M08FW-LC



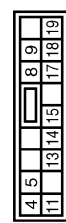
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	
2	L	

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M08FE-LC



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
4	R	INTERIOR ROOM LAMP POWER SUPPLY
5	G	SUPER LOCK OUTPUT [Coupe models]
6	V	SUPER LOCK OUTPUT [Roadster models]
8	V	ALL DOOR FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	BR	BAT (FUSE)
13	B	GND
14	R	PUSH-BUTTON IGNITION SW ILL POWER
15	Y	ACC IND
17	W	TURN SIGNAL RH (FRONT, SIDE)
18	O	TURN SIGNAL LH (FRONT, SIDE)
19	P	ROOM LAMP TIMER CONTROL [Coupe models]
19	V	ROOM LAMP TIMER CONTROL [Roadster models]

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

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



1	2	3	4	5	6	7	8	9	10	11	12
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Terminal No.	Color of Wire	Signal Name [Specification]
113	O	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
115	O	SHOCK SENSOR
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
119	SB	DR DOOR UNLOCK SENSOR
121	R	KEY SLOT SW
123	W	IGN P/B
124	LG	PASSENGER DOOR SW
129	O	TRUNK LID OPENER CANCEL SW
130	L	REAR DEFOGGER SW
132	Y	POWER WINDOW SW COMM (Coupe models)
132	V	P/W SW & SOFT TOP C/U COMM (Roadster models)
133	R	PUSH BUTTON/LATCH SW (L POWER) (Roadster models with M/T)
133	G	PUSH BUTTON/LATCH SW (R POWER) (Roadster models with M/T)
134	GR	LOCK (IND)
137	O	RECEIVER/SENSOR GND (Roadster models with M/T)
137	P	RECEIVER/SENSOR GND (Except for roadster models with M/T)
138	V	RECEIVER / SENSOR POWER SUPPLY
139	L	TIRE PRESS./K/LS ENT (REAR) RECEIV COMM
140	G	SHFT N/P (With A/T)
141	Y	P/N POSITION SW (With M/T)
142	O	SECURITY INDICATOR
143	P	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	GR	DRIVER DOOR SW
151	G	REAR WINDOW DEFOGGER RELAY CONT

Connector No.	M241
Connector Name	WIRE TO WIRE
Connector Type	TH12YW



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

Terminal No.	Color of Wire	Signal Name [Specification]
2	L	
3	BR	
4	O	
5	V	
6	B	

Connector No.	M242
Connector Name	TRIPLE METER
Connector Type	TH12PW-NH



1	2	3	4	5
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Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
2	V	BATTERY POWER SUPPLY
3	O	IGNITION SIGNAL
4	BR	COMMUNICATION SIGNAL (TRIPLE METER)
5	L	COMMUNICATION SIGNAL (TRIPLE METER-METER)

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

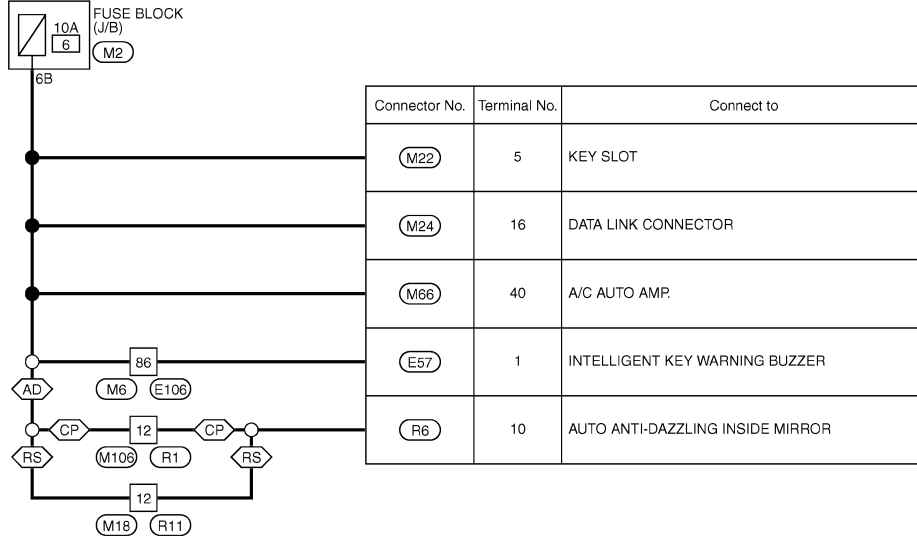
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

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BATTERY POWER SUPPLY FUSE No. 6

- ⬡CP: Coupe models
- ⬡RS: Roadster models
- ⬡AD: With auto anti-dazzling inside mirror



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

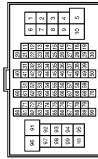
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03ER



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	+BAT (VOL.SMALL)
3	R	BUZZER SIGNAL

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models]
21	G	- [Roadster models]
31	L	-
32	Y	-
33	P	-

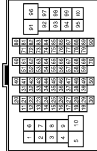
34	L	-
35	BR	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
44	GR	- [Except for roadster models with M/T]
45	BG	- [Coupe models]
45	O	- [Roadster models]
46	W	-
47	P	-
58	SHIELD	-
59	L	-
70	P	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	- [Coupe models]
85	O	- [Roadster models]
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	- [Coupe models]
100	O	- [Roadster models]

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



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS19-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-

21	BR	- [Coupe models]
21	R	- [Roadster models]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

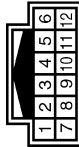
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

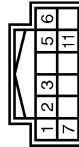
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



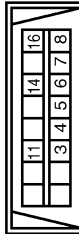
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	R	-
4	B	-
5	V	-
6	R	-
7	R	-
8	R	-
9	SHIELD	-
10	R	-
11	G	-
12	Y	-

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



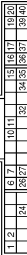
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	BAT [Roadster models with M/T]
1	P	BAT [Except for roadster models with M/T]
2	GR	CLOCK
3	W	DATA
5	Y	ILL BAT
6	LG	ILL
7	B	GND
11	R	KEY SWITCH SIGNAL

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



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
4	B	-
5	B	-
6	L	-
7	Y	-
7	V	- [Coupe models]
8	G	- [Roadster models]
11	LG	-
14	P	-
16	Y	-

Connector No.	M66
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
6	L	TX (AMP>CONT)
7	P	RX (CONT>AMP)
10	BR	LAN SIGNAL
11	Y	EACH DOOR MOTOR POWER SUPPLY
15	O	SUNLOAD SENSOR SIGNAL
17	R	INTAKE SENSOR SIGNAL
17	L	ACC POWER SUPPLY
19	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECV SIGNAL

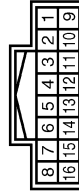
26	R	REAR WINDOW DEFOGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFOGGER ON SIGNAL
32	P	BLOWER MOTOR CONTROL SIGNAL
34	G	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
35	V	AMBIENT SENSOR SIGNAL
36	LG	IN-VEHICLE SENSOR SIGNAL
37	GR	SENSOR GROUND
39	B	GROUND
40	Y	BATTERY POWER SUPPLY

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	R	-
6	B	-
7	P	-
8	R	-
11	B	-
12	Y	-
13	G	-
14	SHIELD	-
15	R	-
16	G	-

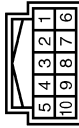
Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH16FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
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4	W	-
5	R	-
6	B	-
7	P	-
8	R	-
11	B	-
12	Y	-
13	G	-
14	SHIELD	-
15	R	-
16	G	-

Connector No.	R6
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	B/R	-
8	B/W	-
10	B/Y	-

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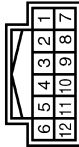
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12FV-NH



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

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
POWER SUPPLY ROUTING CIRCUIT

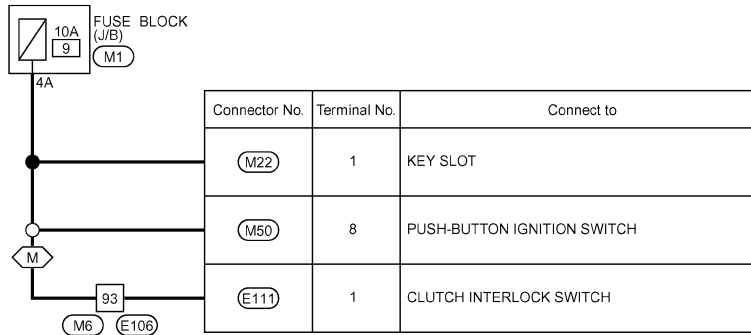
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[POWER SUPPLY&GROUND CIRCUIT]

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

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 : With M/T



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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	TH807V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	L	-
3	L	-
4	L	-
5	B	-
6	P	-
7	B	-
8	P	-
9	L	- [Coupe models]
10	B	- [Roadster models]
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models]
21	G	- [Roadster models]
31	L	-
32	Y	-
33	P	-
34	L	-
35	BR	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
44	GR	- [Except for roadster models with M/T]
45	BG	- [Coupe models]
45	O	- [Roadster models]
46	W	-
47	P	-
58	SHIELD	-
59	L	-

Connector No.	M1
Connector Name	FUSE BLOCK (U/B)
Connector Type	NS88FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	L	-
6A	Y	- [W/B, A/T]
7A	BR	- [W/B, M/T]
8A	L	-

Connector No.	E111
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	FS02FL



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

20	GR	-
21	BR	- [Coupe models]
21	R	- [Roadster models]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	-
44	R	- [W/B, A/T]
45	O	- [W/B, M/T]
45	G	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-

POWER SUPPLY ROUTING CIRCUIT

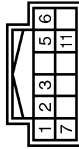
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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BATTERY POWER SUPPLY FUSE No. 9

Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FN-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	BAT [Roadster models with M/T]
2	P	BAT [Except for roadster models with M/T]
3	GR	CLOCK
4	W	DATA
5	Y	ILL. BAT
6	LG	ILL
7	B	GND
11	R	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	R	-
3	R	- [Roadster models with M/T]
4	G	- [Except for roadster models with M/T]
5	BR	-
6	GR	-
7	Y	-
8	P	-

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POWER SUPPLY ROUTING CIRCUIT





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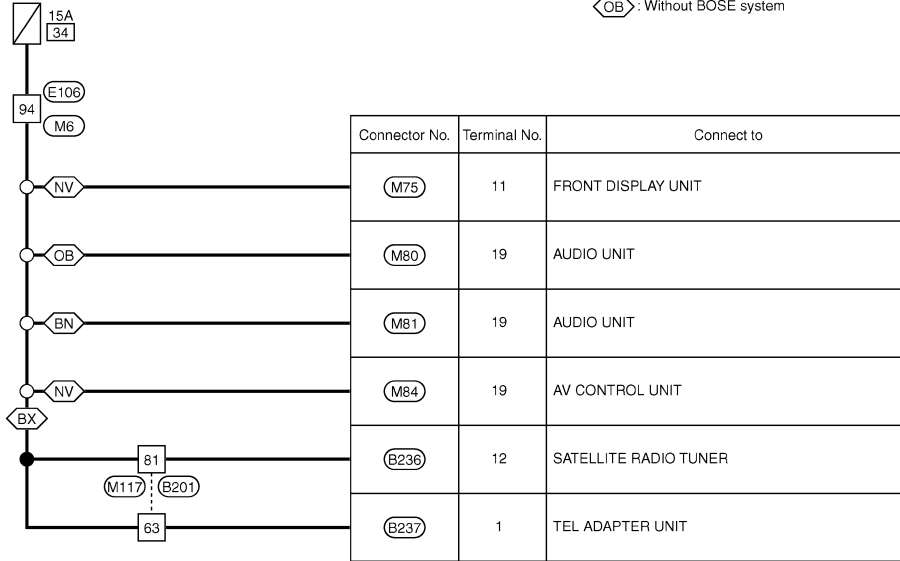
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

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BATTERY POWER SUPPLY FUSE No. 34

-  : With NAVI
-  : With BOSE system without NAVI
-  : With BOSE system without NAVI except for Mexico
-  : Without BOSE system



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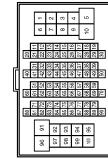
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	[Coupe models]
2	R	[Reader models]
3	Y	[Coupe models]
4	G	[Reader models]
5	B	[Coupe models]
6	LG	[Reader models]
7	R	[Coupe models]
8	Y	[Reader models]
9	Y	[Coupe models]
10	LG	[Reader models]
11	R	[Coupe models]
12	G	[Reader models]
13	R	[Coupe models]
14	B	[Reader models]
15	W	[Coupe models]
16	V	[Reader models]
17	G	[Coupe models]
18	G	[Reader models]
19	L	[Coupe models]
20	SB	[Reader models]
21	L	[Coupe models]
22	L	[Reader models]
23	SB	[Coupe models]
24	Y	[Reader models]
25	Y	[Coupe models]
26	SB	[Reader models]
27	SB	[Coupe models]
28	SB	[Reader models]
29	SB	[Coupe models]
30	SB	[Reader models]
31	SB	[Coupe models]
32	SB	[Reader models]
33	SB	[Coupe models]
34	SB	[Reader models]
35	SB	[Coupe models]
36	SB	[Reader models]
37	SB	[Coupe models]
38	SB	[Reader models]
39	SB	[Coupe models]
40	SB	[Reader models]
41	SB	[Coupe models]
42	SB	[Reader models]
43	SB	[Coupe models]
44	SB	[Reader models]
45	SB	[Coupe models]
46	SB	[Reader models]
47	SB	[Coupe models]
48	SB	[Reader models]
49	SB	[Coupe models]
50	SB	[Reader models]
51	SB	[Coupe models]
52	SB	[Reader models]
53	SB	[Coupe models]
54	SB	[Reader models]
55	SB	[Coupe models]
56	SB	[Reader models]
57	SB	[Coupe models]
58	SB	[Reader models]
59	SB	[Coupe models]
60	SB	[Reader models]
61	SB	[Coupe models]
62	SB	[Reader models]
63	SB	[Coupe models]
64	SB	[Reader models]
65	SB	[Coupe models]
66	SB	[Reader models]
67	SB	[Coupe models]

68	P	[Coupe models]
69	GR	[Reader models]
70	L	[Coupe models]
71	P	[Reader models]
72	G	[Coupe models]
73	O	[Reader models]
74	V	[Coupe models]
75	SB	[Reader models]
76	G	[Coupe models]
77	R	[Reader models]
78	W	[Coupe models]
79	B	[Reader models]
80	SHIELD	[Coupe models]
81	O	[Reader models]
82	BR	[Coupe models]
83	Y	[Reader models]
84	SHIELD	[Coupe models]
85	SB	[Reader models]
86	SHIELD	[Coupe models]
87	O	[Reader models]
88	BR	[Coupe models]
89	Y	[Reader models]
90	SHIELD	[Coupe models]
91	SB	[Reader models]
92	LG	[Coupe models]
93	Y	[Reader models]
94	W	[Coupe models]
95	G	[Reader models]
96	GR	[Coupe models]
97	LG	[Reader models]
98	Y	[Coupe models]
99	Y/B	[Reader models]
100	BR	[Coupe models]
101	Y	[Reader models]

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
7	Y	REQUEST (SAT->AUDIO)
8	O	COMM (SAT->AUDIO)
9	BR	COMM (AUDIO->SAT)
10	SB	BATTERY
11	V	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BATTERY
2	V	ACC
3	SB	IGNITION SIGNAL
4	B	GND
5	L	MICROPHONE SIGNAL
6	SHIELD	MICROPHONE GND
7	BR	TEL VOICE SIGNAL (+)
8	Y	TEL VOICE SIGNAL (-)
9	BG	TELEPHONE ON SIGNAL [Coupe models]
10	O	TELEPHONE ON SIGNAL [Reader models]
11	P	STRG SW A (INPUT)
12	L	STRG SW B (INPUT)
13	R	ROOF STATUS SIGNAL (AUDIO)
14	W	STRG SW A (OUTPUT)
15	GR	STRG SW B (OUTPUT)
16	B	CONTROL SIGNAL
17	B	CONTROL SIGNAL
18	B	CONTROL SIGNAL
19	B	CONTROL SIGNAL
20	B	CONTROL SIGNAL
21	B	CONTROL SIGNAL
22	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
24	V	VEHICLE SPEED SIGNAL (8-PULSE)
25	P	MICROPHONE VCC

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models]
21	G	- [Roadster models]
31	L	-
32	Y	-
33	P	-
34	L	-
35	BR	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
44	GR	- [Coupe models]
45	BG	- [Roadster models]
46	W	-
47	P	-
58	SHIELD	-
59	L	-

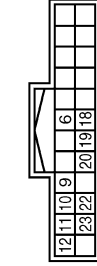
70	P	-
80	W	-
81	L	-
82	P	-
82	G	-
83	V	-
84	L	-
85	BG	- [Coupe models]
85	O	- [Roadster models]
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	- [Coupe models]
100	O	- [Roadster models]

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
9	R	COMM (DISP->CONT) [Coupe models]
9	G	COMM (DISP->CONT) [Roadster models]
10	G	COMM (CONT->DISP) [Coupe models]
10	R	COMM (CONT->DISP) [Roadster models]
11	Y	BATTERY
12	B	GND
18	L	COMPOSITE IMAGE SIGNAL
19	B	COMPOSITE IMAGE SIGNAL_GND
20	Y	-
22	SHIELD	SHIELD
23	V	ACC

21	BR	- [Coupe models]
21	R	- [Roadster models with M/T]
31	L	- [Except for roadster models with M/T]
31	BR	- [Roadster models with M/T]
32	Y	-
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	R	- [With A/T]
44	G	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	B	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

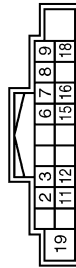
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

Connector No.	M89
Connector Name	AUDIO UNIT
Connector Type	TH18PW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT SPEAKER LH (+)
3	V	SOUND SIGNAL FRONT SPEAKER LH (-)
6	P	STRG SW A
7	L	ACC
8	W	ILL (-)
9	R	ILL (+)
11	V	SOUND SIGNAL FRONT SPEAKER RH (+)
12	LG	SOUND SIGNAL FRONT SPEAKER RH (-)
15	B	STRG SW GND
16	L	STRG SW B
19	Y	BATTERY



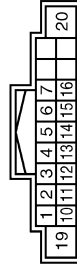
Connector No.	M81
Connector Name	AUDIO UNIT
Connector Type	TH18PW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BOSE AMP ON SIGNAL
2	LG	SOUND SIGNAL FRONT LH (+) [Coupe models]
2	P	SOUND SIGNAL FRONT LH (+) [Roadster models]
3	V	SOUND SIGNAL FRONT LH (-) [Coupe models]
3	L	SOUND SIGNAL FRONT LH (-) [Roadster models]
4	L	SOUND SIGNAL REAR LH (+) [Coupe models]
4	V	SOUND SIGNAL REAR LH (+) [Roadster models]
5	R	SOUND SIGNAL REAR LH (-) [Coupe models]
5	SB	SOUND SIGNAL REAR LH (-) [Roadster models]
6	P	STRG SW A [For Mexico]
6	W	STRG SW A [Except for Mexico]

7	L	ACC
8	W	ILL (-) [Coupe models]
8	O	ILL (-) [Roadster models]
9	R	ILL (+)
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT RH (+) [Coupe models]
11	R	SOUND SIGNAL FRONT RH (+) [Roadster models]
12	P	SOUND SIGNAL FRONT RH (-) [Coupe models]
12	G	SOUND SIGNAL FRONT RH (-) [Roadster models]
13	R	SOUND SIGNAL REAR RH (+) [Coupe models]
13	BR	SOUND SIGNAL REAR RH (+) [Roadster models]
14	G	SOUND SIGNAL REAR RH (-) [Coupe models]
14	Y	SOUND SIGNAL REAR RH (-) [Roadster models]
15	B	STRG SW GND
16	L	STRG SW B [For Mexico]
16	GR	STRG SW B [Except for Mexico]
18	Y	VEHICLE SPEED SIGNAL (8-PULSE)
19	Y	BATTERY
20	SHIELD	SHIELD

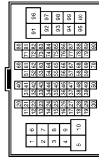
Connector No.	M84
Connector Name	AV CONTROL UNIT
Connector Type	TH18PW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BOSE AMP ON SIGNAL
2	LG	SOUND SIGNAL FRONT LH (+) [Coupe models]
2	P	SOUND SIGNAL FRONT LH (+) [Roadster models]
3	V	SOUND SIGNAL FRONT LH (-) [Coupe models]
3	L	SOUND SIGNAL FRONT LH (-) [Roadster models]
4	L	SOUND SIGNAL REAR LH (+) [Coupe models]
4	V	SOUND SIGNAL REAR LH (+) [Roadster models]
5	R	SOUND SIGNAL REAR LH (-) [Coupe models]
5	SB	SOUND SIGNAL REAR LH (-) [Roadster models]
6	P	STRG SW A
7	L	ACC
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT RH (+) [Coupe models]
11	R	SOUND SIGNAL FRONT RH (+) [Roadster models]
12	P	SOUND SIGNAL FRONT RH (-) [Coupe models]
12	G	SOUND SIGNAL FRONT RH (-) [Roadster models]
13	R	SOUND SIGNAL REAR RH (+) [Coupe models]
13	R	SOUND SIGNAL REAR RH (+) [Roadster models]

13	BR	SOUND SIGNAL REAR RH (+) [Roadster models]
14	G	SOUND SIGNAL REAR RH (-) [Coupe models]
14	Y	SOUND SIGNAL REAR RH (-) [Roadster models]
15	B	STRG SW GND
16	L	STRG SW B
19	Y	BATTERY
20	B	GND

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS [6-TM4]



Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	- [Coupe models]
2	LG	- [Roadster models]
3	O	- [Coupe models]
3	B	- [Roadster models]
4	W	- [Coupe models]
4	G	- [Roadster models]
7	LG	- [Coupe models]
7	Y	- [Roadster models]
8	LG	- [Coupe models]
9	Y	- [Roadster models]
11	R	- [Coupe models]
11	G	- [Roadster models]
20	G	- [Coupe models]
20	R	- [Roadster models]
30	B	- [Coupe models]
40	O	- [Roadster models]
41	Y	- [Coupe models]
41	Y	- [Roadster models]
42	G	- [Coupe models]
43	L	- [Roadster models]
44	SB	- [Coupe models]
51	R	- [Roadster models]
52	G	- [Coupe models]
53	SHIELD	- [Roadster models]
54	LG	- [Coupe models]
54	BR	- [Roadster models]
55	V	- [Coupe models]
55	Y	- [Roadster models]
56	SHIELD	- [Coupe models]
57	G	- [Roadster models]
57	P	- [Coupe models]

58	R	- [Coupe models]
58	L	- [Roadster models]
59	B	- [Coupe models]
60	W	- [Roadster models]
61	GR	- [Coupe models]
62	B	- [Roadster models]
63	Y	- [Coupe models]
64	L	- [Roadster models]
65	G	- [Coupe models]
66	O	- [Roadster models]
67	V	- [Coupe models]
68	P	- [Roadster models]
69	L	- [Coupe models]
69	P	- [Roadster models]
70	L	- [Coupe models]
70	O	- [Roadster models]
80	W	- [Coupe models]
80	L	- [Roadster models]
81	Y	- [Coupe models]
82	W	- [Roadster models]
83	B	- [Coupe models]
84	R	- [Roadster models]
85	G	- [Coupe models]
86	SHIELD	- [Roadster models]
87	G	- [Coupe models]
88	L	- [Roadster models]
89	P	- [Coupe models]
90	SHIELD	- [Roadster models]
92	G	- [Coupe models]
92	LG	- [Roadster models]
93	R	- [Coupe models]
93	V	- [Roadster models]
94	SHIELD	- [Coupe models]
94	G	- [Roadster models]
95	SB	- [Coupe models]
95	LG	- [Roadster models]
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	V/B	- [Coupe models]
99	G	- [Roadster models]
100	BR	- [Coupe models]
100	Y	- [Roadster models]

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POWER SUPPLY ROUTING CIRCUIT

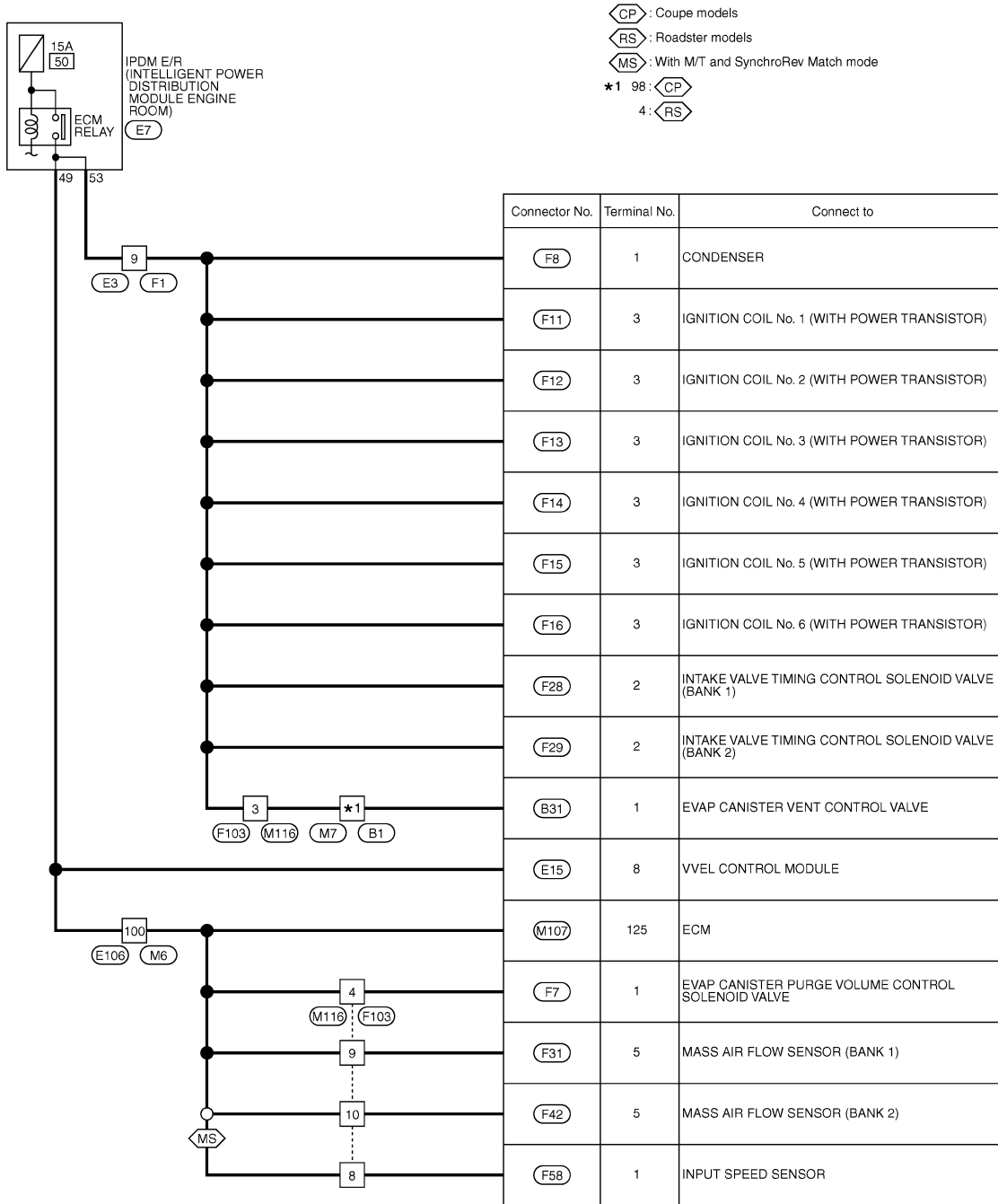
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE No. 50



2009/07/10

JCMWM4804GB

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	TH80PV-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	—
2	BG	— [Coupe models]
3	O	— [Roadster models]
4	Y	—
5	W	—
6	V	—
7	LG	—
8	GR	—
9	SB	—
11	Y	—
12	W	—
13	BR	—
14	LG	—
15	B	—
16	V	—
20	SB	—
21	G	—
22	GR	—
23	V	—
24	O	—
25	L	—
26	P	—
31	W	—
32	B	—
33	P	— [Coupe models]
33	W	— [Roadster models]
34	R	—
35	B	—
40	Y	—
41	L	—
42	GR	—
43	BR	—
44	R	—
45	BG	— [Coupe models]
45	O	— [Roadster models]
46	SB	—
47	V	—
48	SHIELD	—

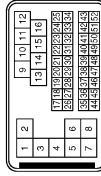
51	W	—
52	P	—
57	SHIELD	—
58	B	—
60	V	—
61	SB	—
62	SHIELD	—
63	BR	—
64	Y	—
65	SHIELD	—
66	P	—
67	L	—
68	SHIELD	—
69	R	—
70	G	—
71	V	—
72	P	—
73	BR	—
74	GR	—
75	O	—
80	Y	—
81	R	—
82	B	—
83	GR	—
84	G	— [Coupe models]
84	L	— [Roadster models]
85	LG	—
86	V	—
87	BR	—
88	GR	—
93	Y	—
94	L	— [Coupe models]
94	G	— [Roadster models]
95	GR	— [Coupe models]
95	LG	— [Roadster models]
96	L	—
97	Y	—
98	W	—
98	Y/B	— [Coupe models]
98	W	— [Roadster models]
99	LG	—
100	B	—

Connector No.	B31
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	E20FB-RS



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RSS-SHZ3



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	V	—
12	SB	—
13	L	—
14	G	—
15	R	—
16	LG	—
17	GR	—
18	Y	—
19	BG	— [Coupe models]
19	O	— [Roadster models]
20	B	—

21	SR	—
22	W	—
23	SB	—
24	GR	—
25	V	—
27	GR	—
28	V	—
29	P	—
30	R	—
31	BR	—
32	Y	—
33	G	—
34	BG	— [Coupe models]
34	O	— [Roadster models]
36	GR	—
37	SHIELD	—
38	L	—
39	P	—
40	R	—
41	W	—
42	LG	—
43	G	—
45	SB	—
46	SHIELD	—
47	W	—
48	GR	—
49	G	—
50	B	—
51	SB	—
52	R	—

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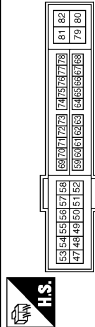
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

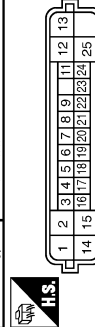
BATTERY POWER SUPPLY FUSE No. 50

Connector No.	E7
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE
Connector Type	TH80FW-CS12-M4



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

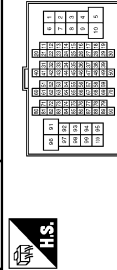
Connector No.	E15
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJ28-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VMOT L
2	L/B	MOTOR L 1

3	G	VEL/S-R 1
4	W	AGND 1
5	R	VEL/S-L 1
6	B	AGND 3
7	SB	AVCC 3
8	BG	VB [Coupe models]
8	O	VB [Roadster models]
9	LG	AVCC 1
11	GR	CAN H
12	G	MOTOR R 1
13	W	V-MOT (R)
14	B/W	PGND L
15	L/Y	MOTOR L 2
16	R	VEL/S-R 2
17	L	AGND 2
18	G	VEL/S-L 2
19	W	AGND 4
20	BR	AVCC 4
21	Y	ABORT
22	P	AVCC 2
23	Y	M-RLY
24	SB	CAN L
25	BR	MOTOR R 2

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	-
9	B	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-

17	SB	-
20	LG	-
21	BR	-
21	R	-
31	L	-
32	Y	-
33	P	-
34	L	-
35	BR	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	-
44	GR	-
45	BG	-
45	O	-
46	W	-
47	P	-
58	SHIELD	-
59	L	-
70	P	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
85	O	-
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	-
100	O	-

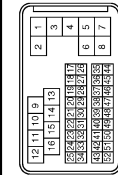
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA33PE-RS-S1Z3



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	BG	- [Coupe models]
14	LG	- [Roadster models]
15	BR	-
16	Y	-
17	W	-
18	LG	-
19	P	-
20	BG	- [Coupe models]
20	O	- [Roadster models]
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	BG	- [Coupe models]
34	O	- [Roadster models]
36	GR	-
37	SHIELD	- [Coupe models]
37	B	- [Roadster models]

38	W	-
38	Y	-
40	G	-
41	B	-
42	GR	-
43	R	-
45	SB	-
46	SHIELD	-
47	W/L	-
48	LG	-
49	O/L	-
50	L/Y	-
51	W	-
52	L/G	-

Connector No.	F7
Connector Name	EVAP CANISTER PURGE 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-LC



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	Y	-
2	B	-
3	W	-

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	-

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

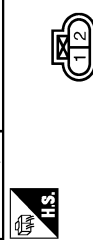
BATTERY POWER SUPPLY FUSE No. 50

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



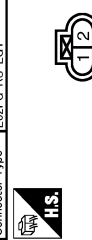
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	W	-

Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EDPFCG-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 1)
Connector Type	EDPFCG-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	RH00FB



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	RH00FB



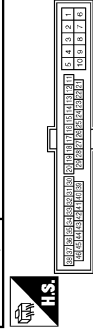
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	LG	-
3	BR	-
4	Y	-
5	GR	-

Connector No.	F58
Connector Name	INPUT SPEED SENSOR
Connector Type	RH02FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	VIGN
2	B	GND
3	W	MTREV

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	-
8	L	-
9	Y	-
10	GR	-
19	BG	- [Coupe models]
19	O	- [Roadster models]
20	Y	-
28	B	-
29	LG	-
30	R	-
31	BG	- [Coupe models]
31	O	- [Roadster models]
39	W	-
42	G	-
43	P	-
44	L	-

45	Y
46	V

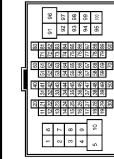
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
11	GR	- [Roadster models]
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	BR	- [Coupe models]
21	R	- [Roadster models]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-

59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

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



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

81	W	-
82	BR	-
83	GR	-
84	L	-
85	LG	-
86	V	-
87	BR	-
88	SB	-
93	Y	-
94	SB	- [Coupe models]
94	L	- [Roadster models]
95	GR	- [Coupe models]
95	W	- [Roadster models]
96	L	-
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	RG	- [Coupe models]
98	Y/B	- [Roadster models]
99	W	-
100	B	-

21	G	-
22	GR	-
23	V	-
24	R	-
25	L	-
26	P	-
31	W	-
32	B	-
33	W	-
34	R	-
35	B	-
40	L	-
41	R	-
42	GR	-
43	R	- [Coupe models]
43	V	- [Roadster models]
44	R	-
45	O	-
46	G	- [With A/T]
46	SB	- [With M/T]
47	R	- [With A/T]
47	V	- [With M/T]
48	SHIELD	-
51	V	-
52	R	-
57	SHIELD	-
58	B	-
60	L	- [Coupe models]
60	V	- [Roadster models]
61	R	- [Coupe models]
61	R	- [Roadster models]
62	SHIELD	-
63	R	- [Coupe models]
63	BR	- [Roadster models]
64	G	- [Coupe models]
64	V	- [Roadster models]
68	SHIELD	-
69	LG	- [Coupe models]
69	P	- [Roadster models]
67	V	- [Coupe models]
67	L	- [Roadster models]
68	SHIELD	-
69	L	- [Coupe models]
69	R	- [Roadster models]
70	P	- [Coupe models]
70	G	- [Roadster models]
71	V	-
72	P	-
73	BR	-
74	GR	-
75	O	-
80	Y	-

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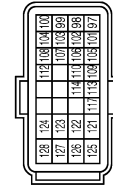
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	M107
Connector Name	ECM
Connector Type	RH24FGY-R26-R-LH-Z



Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MPV-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
97	R	APS 1
98	P	APS 2
99	L	AVCC 1-APS 1
100	W	GND-A-APS 1
101	SB	ASCDISW
102	GR	FTPRS
103	G	AVCC2-APS 2
104	GR	GND-APS 2
105	L	PDPRESS
106	W	TF
107	BR	AVCC 2-FTPRS
108	Y	GND ASCDISW
109	G	NEUT-H
110	R	TACHO
112	SB	GND-A-FTPRES
113	P	VEHCAN-L1
114	L	VEHCAN-H1
117	Y	KLINE [Coupe models]
117	V	KLINE [Roadster models]
121	LG	CDCV
122	P	BRAKE
123	B	GND
124	B	GND
125	R	VBR
126	BR	BNGSW
127	B	GND
128	B	GND

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

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POWER SUPPLY ROUTING CIRCUIT

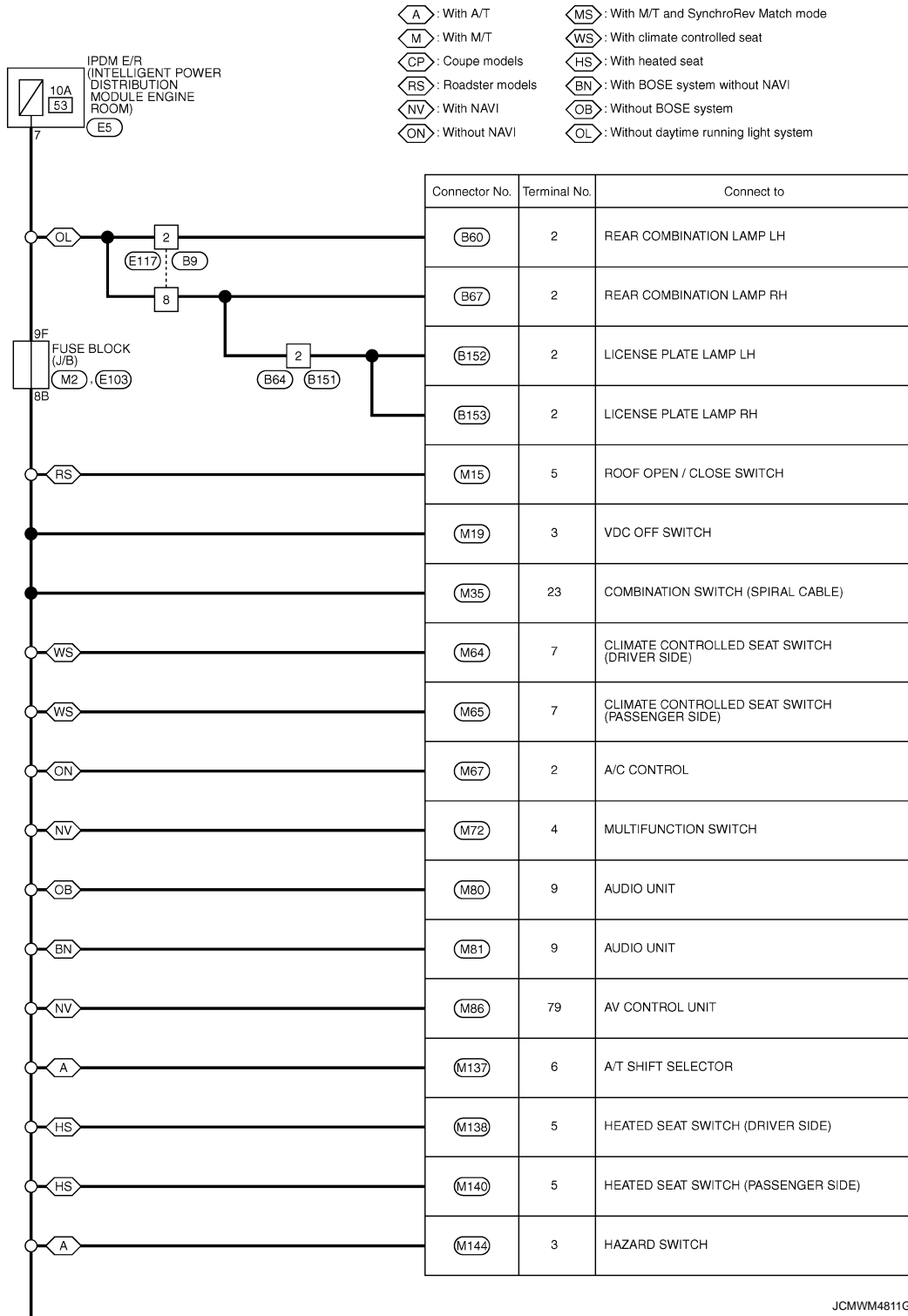
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[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

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BATTERY POWER SUPPLY FUSE No. 53



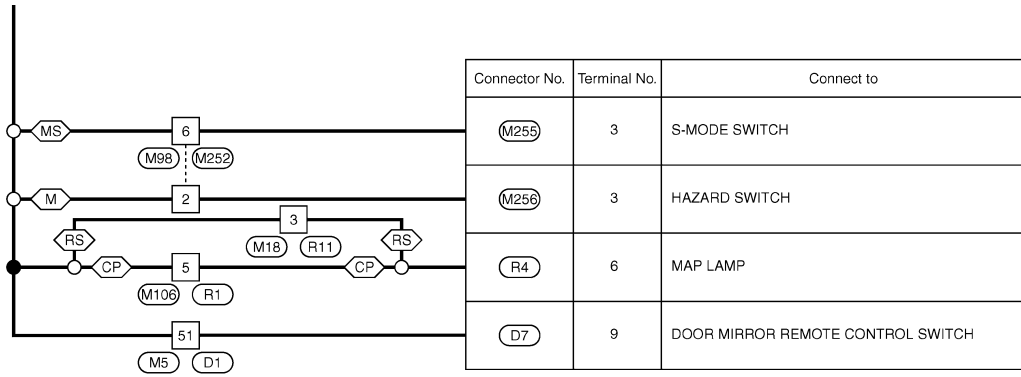
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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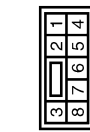
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B89
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	R	- [Coupe models]
3	V	- [Roadster models]
4	GR	-
5	EG	- [Coupe models]
6	BR	- [Roadster models]
7	LG	-
8	R	-

Connector No.	B80
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RS06FGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	- [Coupe models]
3	B	- [Roadster models]
4	LG	-
6	O	- [Coupe models]

Connector No.	B84
Connector Name	WIRE TO WIRE
Connector Type	RS04FE-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	- [Coupe models]
2	R	- [Roadster models]
3	GR	-
4	B	-

Connector No.	B87
Connector Name	REAR COMBINATION LAMP RH
Connector Type	RS06FGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	R	-
3	B	-
4	V	- [Coupe models]
6	O	- [Roadster models]

Connector No.	B151
Connector Name	WIRE TO WIRE
Connector Type	RS04MB



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

Connector No.	B152
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RK02FBR



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

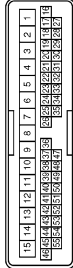
Connector No.	B153
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RK02FBR



Terminal No.	Color of Wire	Signal Name [Specification]

1	B
2	R

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-C515



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	Y	-
9	G	-
10	BG	- [Coupe models]
11	O	- [Roadster models]
12	P	- [With BOSE system]
13	V	- [Without BOSE system]
14	B	-
14	SB	- [Coupe models]
14	Y	- [Roadster models]
15	W	-
19	G	-
23	R	-
44	L	-
47	B	-
48	SB	-
49	W	-
50	LG	-
51	R	-
52	V	-
53	BG	- [Coupe models]
53	O	- [Roadster models]
54	GR	-
55	G	-

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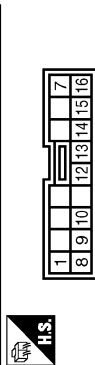
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

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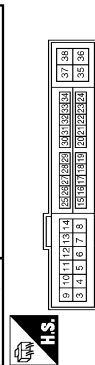
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK06FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
7	V	-
8	LG	-
9	R	-
10	Y	-
12	G	-
13	GR	-
14	L	-
15	BG	- [Coupe models] - [Roadster models]
16	BR	-

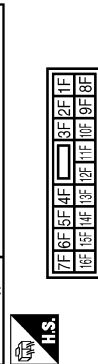
Connector No.	E5
Connector Name	POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



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

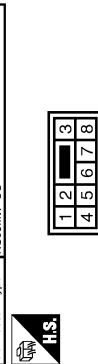
28	L	-
30	GR	-
32	L	-
33	P	-
36	G	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



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

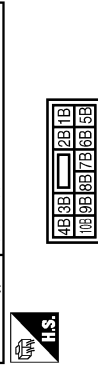
Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	NS30MMW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	O	- [Roadster models with daytime running light system] - [Except for roadster models with daytime running light system]
3	Y	-
4	GR	-
5	BG	- [Coupe models] - [Roadster models]
5	O	-

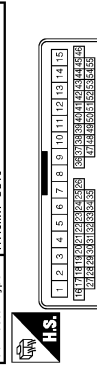
6	BR	-
7	Y	-
8	BG	- [Coupe models with daytime running light system] - [Roadster models with daytime running light system]
8	O	- [Without daytime running light system]
8	R	-

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



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

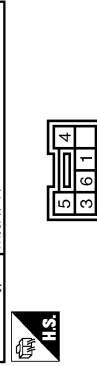
Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	-
12	L	-
13	B	-
14	Y	-

15	W	-
19	Y	-
23	Y/B	-
44	L	-
47	B	-
48	SB	-
49	SB	- [Roadster models with M7] - [Except for roadster models with M7]
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

Connector No.	M15
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TK06FW-1V



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

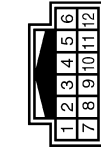
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

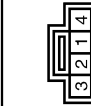
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



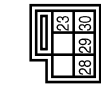
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	R	-
4	B	-
5	V	-
6	R	-
7	SHIELD	-
8	R	-
9	G	-
10	B	-
11	G	-
12	Y	-

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK04FW



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

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK03FY-EX-1V



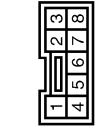
Terminal No.	Color of Wire	Signal Name [Specification]
23	W	-
23	R	- [Coupe models]
28	Y	- [Roadster models]
29	Y	-
30	Y	-

Connector No.	M64
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



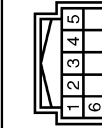
Terminal No.	Color of Wire	Signal Name [Specification]
1	O	-
2	V	-
3	P	-
4	BR	-
5	GR	-
6	B	-
7	R	-
8	R	-

Connector No.	M65
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FB



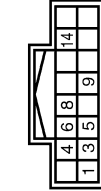
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-
4	O	-
5	V	-
6	B	-
7	R	-
8	R	-

Connector No.	M67
Connector Name	A/G CONTROL
Connector Type	TH10FB-NH



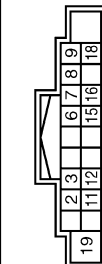
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGNITION POWER SUPPLY
2	R	ILL+
3	W	ILL-
4	P	TX (SW/AMP)
5	L	RX (AMP/SW)
6	B	GROUND

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GNL
3	V	AGC
4	R	ILL
5	R	ILL CONT
6	LG	AV COMM (H) [Coupe models]
8	L	AV COMM (H) [Roadster models]
8	P	AV COMM (L) [Coupe models]
8	P	AV COMM (L) [Roadster models]
9	BR	SW GND
14	SB	DISK EJECT SIGNAL

Connector No.	M80
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT SPEAKER LH (+)
3	V	SOUND SIGNAL FRONT SPEAKER LH (-)
6	P	STRG SW A
7	L	AGC
8	W	ILL (-)
9	R	ILL (+)
11	V	SOUND SIGNAL FRONT SPEAKER RH (+)
12	LG	SOUND SIGNAL FRONT SPEAKER RH (-)
15	B	STRG SW GND
16	L	STRG SW B
19	Y	BATTERY

JCMWM4815GB

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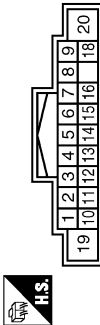
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

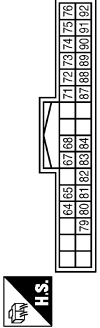
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M81
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BOSE AMP. ON SIGNAL
2	LG	SOUND SIGNAL FRONT LH (+) [Coupe models]
3	P	SOUND SIGNAL FRONT LH (-) [Roadster models]
3	V	SOUND SIGNAL FRONT LH (+) [Coupe models]
3	L	SOUND SIGNAL FRONT LH (-) [Roadster models]
4	L	SOUND SIGNAL REAR LH (+) [Coupe models]
4	V	SOUND SIGNAL REAR LH (-) [Roadster models]
5	R	SOUND SIGNAL REAR LH (+) [Coupe models]
5	SB	SOUND SIGNAL REAR LH (-) [Roadster models]
6	P	STRG SW A [For Mexico]
6	W	STRG SW A [Except for Mexico]
7	L	ACC
8	W	ILL (-) [Coupe models]
8	O	ILL (-) [Roadster models]
9	R	ILL (+)
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT RH (+) [Coupe models]
12	P	SOUND SIGNAL FRONT RH (-) [Coupe models]
12	G	SOUND SIGNAL FRONT RH (+) [Roadster models]
13	R	SOUND SIGNAL REAR RH (+) [Coupe models]
13	BR	SOUND SIGNAL REAR RH (-) [Roadster models]
14	G	SOUND SIGNAL REAR RH (+) [Coupe models]
14	Y	SOUND SIGNAL REAR RH (-) [Roadster models]
15	B	STRG SW GND
16	L	STRG SW B [For Mexico]
16	GR	STRG SW B [Except for Mexico]
18	Y	VEHICLE SPEED SIGNAL (8-PULSE)
19	Y	BATTERY
20	SHIELD	SHIELD

Connector No.	M86
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH



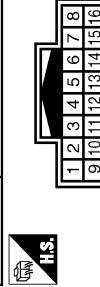
Terminal No.	Color of Wire	Signal Name [Specification]
65	V	PARKING BRAKE SIGNAL
67	B	COMPOSITE IMAGE GND
68	L	COMPOSITE IMAGE SIGNAL
71	SHIELD	SHIELD
72	R	MICROPHONE VCC
73	G	COMM (CONT->DISP) [Coupe models]
73	R	COMM (CONT->DISP) [Roadster models]
74	P	CAN-L [Coupe models]
74	L	CAN-L [Roadster models]
75	Y	AV COMM (L)
76	Y	AV COMM (L)
79	R	ILL+
80	G	IGNITION SIGNAL
81	O	REVERSE SIGNAL
82	Y	VEHICLE SPEED SIGNAL (8-PULSE)
83	SHIELD	SHIELD
84	Y	SHIELD
87	G	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	R	COMM (DISP->CONT) [Coupe models]
89	G	COMM (DISP->CONT) [Roadster models]
90	L	CAN-H [Coupe models]
90	L	CAN-H [Roadster models]
91	P	AV COMM (R)
91	LG	AV COMM (R)
92	LG	AV COMM (R)

Connector No.	M98
Connector Name	WIRE TO WIRE
Connector Type	TH68FW-NH



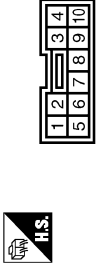
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	R	-
3	GR	- [Coupe models]
3	B	- [Roadster models]
4	P	- [Coupe models]
4	G	- [Roadster models]
5	G	-
6	R	-
7	W	-
8	P	-
9	Y	-
10	R	-

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TH18MW-NH



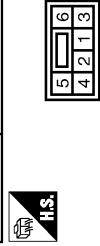
Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	R	-
6	B	-
7	P	-
8	R	-
11	B	-
12	Y	-
13	G	-
14	SHIELD	-
15	R	-
16	G	-

Connector No.	M137
Connector Name	A/T SHIFT SELECTOR
Connector Type	TK10FW



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

Connector No.	M138
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS08FW-CS



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

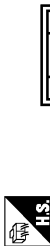
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M140
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS08FBR-CS



5	6
4	2
1	3

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

Connector No.	M144
Connector Name	HAZARD SWITCH
Connector Type	TK04FW



3	1	2	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	GND
2	P	ECM
3	R	ILL+
4	B	ILL-

Connector No.	M252
Connector Name	WIRE TO WIRE
Connector Type	TR05MMP-NH



1	2	3	4
5	6	7	8

Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	- [Coupe models]
2	O	- [Roadster models]
3	SR	-
4	B	-
5	G	-
6	B	-
7	L	-
8	G	-

Connector No.	M255
Connector Name	S-MODE SWITCH
Connector Type	TK04FGY



3	1	2	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	G	-
3	L	-
4	B	-

Connector No.	M256
Connector Name	HAZARD SWITCH
Connector Type	TK04FW



3	1	2	4
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Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	G	BCM
3	SB	ILL+
4	BG	ILL- [Coupe models]
4	O	ILL- [Roadster models]

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH16FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	R	-
6	B	-
7	P	-
8	R	-
11	B	-
12	Y	-
13	G	-
14	SHIELD	-
15	R	-
16	G	-

Connector No.	R4
Connector Name	MAP LAMP
Connector Type	TK08FGY



6	5	4	3	2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	V	-
3	B	-
4	SR	-
5	Y	-
6	GR	-

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SS	-
2	B	-
3	R	-
4	B	-
5	V	-
6	R	-
7	SHIELD	-
8	R	-
9	G	-
10	B	-
11	G	-
12	Y	-

JCMW4817GB

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POWER SUPPLY ROUTING CIRCUIT

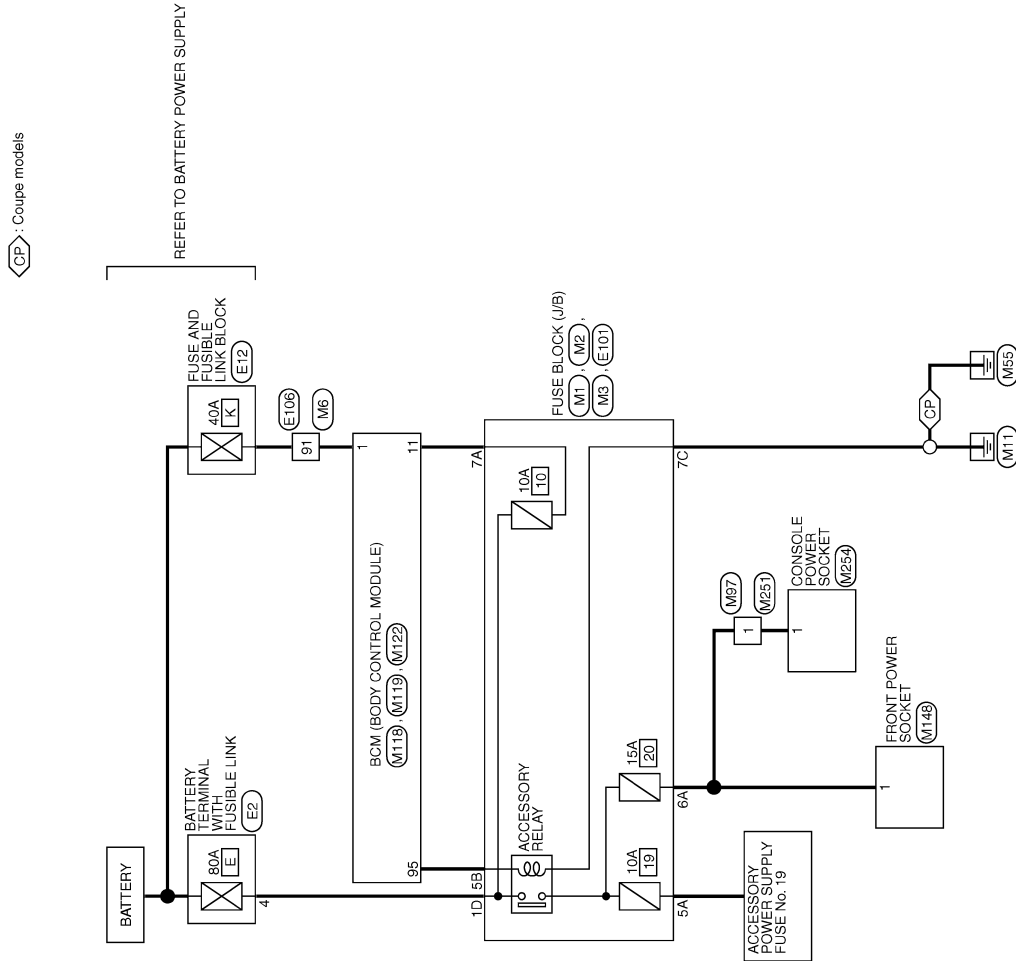
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



2009/07/10

JCMWM4818GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	EZ
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LOGFCY-MC



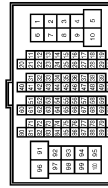
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
4	R	-

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-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	Y	-
3	L	-
4	L	-

7	B	-	-
8	P	-	-
9	L	- [Coupe models]	- [Roadster models]
9	B	- [Roadster models]	-
11	V	-	-
12	R	-	-
13	L	-	-
14	GR	-	-
15	P	-	-
16	W	-	-
17	SB	-	-
20	LG	-	-
21	BR	- [Coupe models]	- [Roadster models]
21	G	- [Roadster models]	-
31	L	-	-
32	Y	-	-
33	P	-	-
34	L	-	-
35	BR	-	-
36	Y	-	-
37	Y	-	-
38	R	-	-
39	B	-	-
40	W	-	-
41	LG	-	-
42	SB	-	-
43	G	-	-
44	R	- [Roadster models with M/T]	- [Except for roadster models with M/T]
44	GR	- [Roadster models]	-
45	BG	- [Roadster models]	-
45	O	-	-
46	W	-	-
47	P	-	-
58	SHIELD	-	-
59	L	-	-
70	P	-	-
80	W	-	-
81	P	-	-
82	G	-	-
83	V	-	-
84	L	-	-
85	BG	- [Coupe models]	- [Roadster models]
85	O	-	-
86	LG	-	-
87	R	-	-
89	P	-	-
91	W	-	-
92	L	-	-
93	G	-	-
94	Y	-	-
96	Y	-	-
96	Y	-	-
97	BR	-	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
8C	R	- [Coupe models]
8C	O	- [Roadster models]
10C	L	-
11C	LG	-
12C	O	-

9R	GR	-	-
9R	LG	-	-
100	BG	- [Coupe models]	- [Roadster models]
100	O	- [Roadster models]	-

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	L	-
6A	Y	-
7A	BR	-
8A	L	-

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



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

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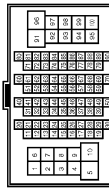
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS1F-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	BR	- [Coupe models]
21	R	- [Roadster models]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-

59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

Connector No.	M97
Connector Name	WIRE TO WIRE
Connector Type	MDZMB-P-LC



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

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MS0FE-LC



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

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	R	INTERIOR ROOM LAMP POWER SUPPLY
5	G	SUPER LOCK OUTPUT [Coupe models]
5	V	SUPER LOCK OUTPUT [Roadster models]
8	V	ALL DOOR FUEL LD LOCK OUTPUT
9	G	DRIVER DOOR FUEL LD UNLOCK OUTPUT
11	BR	BAT (FUSE)
13	B	GN0
14	R	PUSH-BUTTON IGNITION SW ILL POWER
15	Y	ACC IND
17	W	TURN SIGNAL RH (FRONT SIDE)
18	O	TURN SIGNAL LH (FRONT SIDE)
19	P	ROOM LAMP TIMER CONTROL [Coupe models]
19	V	ROOM LAMP TIMER CONTROL [Roadster models]

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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ACCESSORY POWER SUPPLY

Connector No.	M122
Connector Name	BCM BODY CONTROL MODULE
Connector Type	TH4CFB-NH



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Terminal No.	Color of Wire	Signal Name [Specification]
72	R	ROOM ANT 2- [Roadster models with M/T]
72	L	ROOM ANT 2- [Except for roadster models with M/T]
73	G	ROOM ANT 2+ [Roadster models with M/T]
73	P	ROOM ANT 2+ [Except for roadster models with M/T]
74	SB	PASSENGER DOOR ANT-
75	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	L	ROOM ANT 1- [W/wh A/T]
78	Y	ROOM ANT 1- [W/wh M/T]
79	R	ROOM ANT 1+ [W/wh A/T]
79	BR	ROOM ANT 1+ [W/wh M/T]
80	GR	NATS ANT AMP
81	W	NATS ANT AMP
82	R	IGN RELAY (F: B) COINT
83	Y	KYLS ENT RECEIVER (FRONT) COMM [Roadster models with M/T]
83	GR	KYLS ENT RECEIVER (FRONT) COMBI [Roadster models with M/T]
87	BR	COMBI SW INPUT 5
88	V	COMBI SW INPUT 3
89	BR	PUSH SW
90	P	CAN-H
91	L	CAN-L
92	LG	KEY SLOT ILL
93	V	ON IND
95	O	ACC RELAY COINT
96	Y	A/T SHIFT SELECTOR POWER SUPPLY
97	L	S/L CONDITION 1
98	P	S/L CONDITION 2
98	R	SHIFT P [W/wh A/T]
99	BR	CLUTCH PEDAL POS SW [Coupe models with M/T]
99	R	CLUTCH PEDAL POS SW [Roadster models with M/T]
100	G	PASSENGER DOOR REQUEST SW [Roadster models with M/T]
100	GR	PASSENGER DOOR REQUEST SW [Front] for roadster models with M/T
101	SB	DRIVER DOOR REQUEST SW [Roadster models with M/T]
101	Y	DRIVER DOOR REQUEST SW [Except for roadster models with M/T]
102	O	BLOWER FAN MOTOR RELAY COINT
103	LG	KYLS ENT RECEIVER (FRONT) PWR SUPPLY
105	GR	KYLS ENT RECEIVER (REAR) PWR SUPPLY

106	W	S/L UNIT POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	Y	COMBI SW INPUT 2
110	G	HAZARD SW [Roadster models with M/T]
110	P	HAZARD SW [Except for roadster models with M/T]
111	Y	S/L UNIT COMM



Connector No.	M148
Connector Name	FRONT POWER SOCKET
Connector Type	P02FB-Z

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

Connector No.	M254
Connector Name	CONSOLE POWER SOCKET
Connector Type	P02FB-Z



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

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

Connector No.	M251
Connector Name	WIRE TO WIRE
Connector Type	M02FB-LC



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

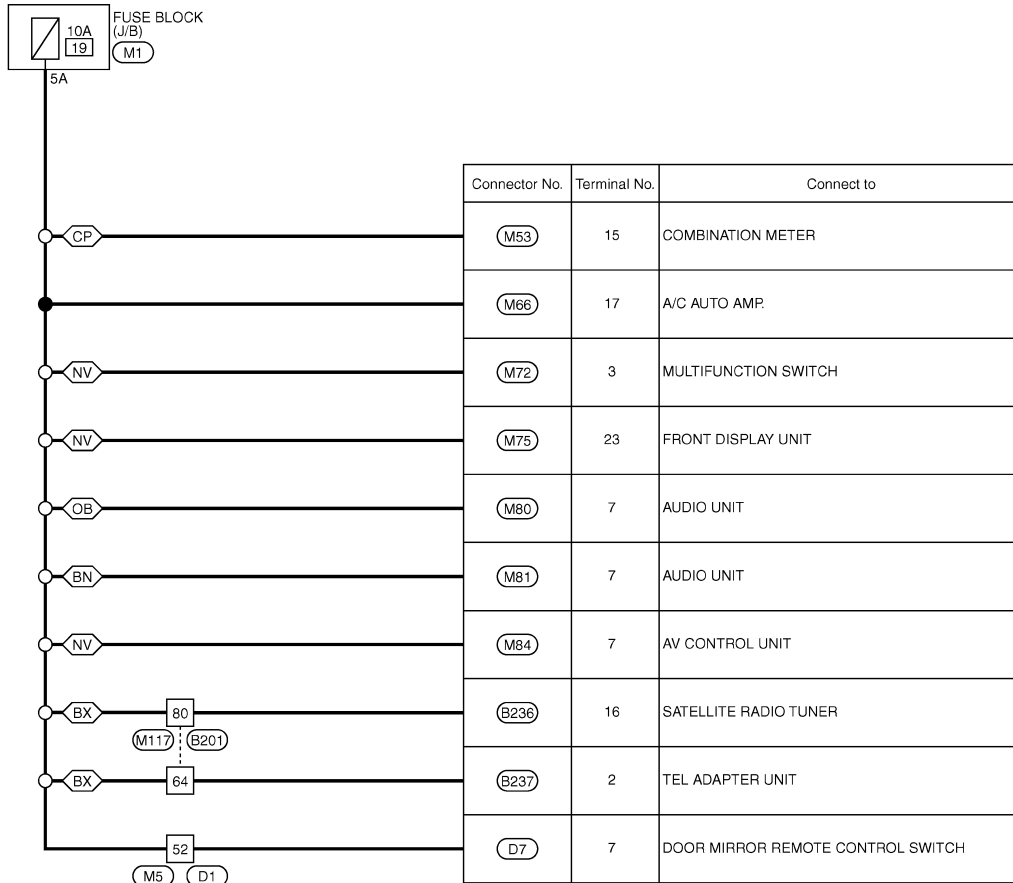
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE No. 19

- ⬡CP : Coupe models
- ⬡NV : With NAVI
- ⬡BN : With BOSE system without NAVI
- ⬡BX : With BOSE system without NAVI except for Mexico
- ⬡OB : Without BOSE system



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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ACCESSORY POWER SUPPLY FUSE No. 19

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



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	- [Coupe models]
2	R	- [Roadster models]
3	Y	- [Coupe models]
3	B	- [Roadster models]
4	G	- [Coupe models]
4	B	- [Roadster models]
7	R	- [Coupe models]
7	Y	- [Roadster models]
8	LG	- [Coupe models]
9	Y	- [Coupe models]
11	R	- [Coupe models]
20	G	- [Coupe models]
21	R	- [Coupe models]
30	B	- [Coupe models]
40	W	- [Coupe models]
41	V	- [Coupe models]
42	G	- [Coupe models]
43	L	- [Coupe models]
44	SB	- [Coupe models]
51	P	- [Coupe models]
52	L	- [Coupe models]
53	SHIELD	- [Coupe models]
54	BR	- [Coupe models]
55	Y	- [Coupe models]
56	SHIELD	- [Coupe models]
57	G	- [Coupe models]
57	P	- [Roadster models]
58	R	- [Coupe models]
58	L	- [Roadster models]
59	B	- [Coupe models]
60	W	- [Coupe models]
61	GR	- [Coupe models]
62	B	- [Coupe models]
63	Y	- [Coupe models]
64	Y	- [Coupe models]
65	SB	- [Coupe models]
66	BG	- [Coupe models]
68	O	- [Roadster models]
69	Y	- [Roadster models]

68	P	- [Coupe models]
68	GR	- [Roadster models]
69	L	- [Coupe models]
69	P	- [Roadster models]
70	G	- [Coupe models]
70	O	- [Roadster models]
80	V	- [Coupe models]
81	SB	- [Coupe models]
82	G	- [Coupe models]
83	R	- [Coupe models]
84	W	- [Coupe models]
85	B	- [Coupe models]
86	SHIELD	- [Coupe models]
87	O	- [Coupe models]
88	BR	- [Coupe models]
89	Y	- [Coupe models]
90	SHIELD	- [Coupe models]
92	LG	- [Coupe models]
92	LG	- [Roadster models]
93	Y	- [Coupe models]
93	W	- [Roadster models]
94	SHIELD	- [Coupe models]
94	G	- [Roadster models]
95	GR	- [Coupe models]
95	LG	- [Roadster models]
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	W	- [Coupe models]
98	Y/B	- [Roadster models]
99	G	- [Coupe models]
100	BR	- [Coupe models]
100	Y	- [Roadster models]

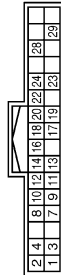
Connector No.	B236
Connector Name	SATELLITE RADIO TUNER
Connector Type	A16FW



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->AUDIO)
9	O	COMM (SAT->AUDIO)
10	BR	COMM (AUDIO->SAT)
12	SB	BATTERY
16	V	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BATTERY
2	V	ACC
3	SB	IGNITION SIGNAL
4	B	GND
7	L	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	BR	TEL VOICE SIGNAL (+)
10	Y	TEL VOICE SIGNAL (-)
11	BG	TELEPHONE ON SIGNAL [Coupe models]
11	O	TELEPHONE ON SIGNAL [Roadster models]
12	P	STRG SW A (INPUT)
13	L	STRG SW E (INPUT)
14	B	STRG SW GND (INPUT)
16	R	ROOF STATUS SIGNAL (AUDIO)
17	W	STRG SW A (OUTPUT)
18	GR	STRG SW B (OUTPUT)
19	B	STRG SW GND (OUTPUT)
20	B	CONTROL SIGNAL
22	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
24	B	CONTROL SIGNAL
28	V	VEHICLE SPEED SIGNAL (8-PULSE)
28	P	MICROPHONE VCC

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



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	- [Coupe models]
8	Y	- [Coupe models]
9	G	- [Coupe models]
10	BG	- [Roadster models]
10	O	- [Roadster models]
11	P	- [With BOSE system]
11	V	- [Without BOSE system]
12	L	- [Coupe models]
13	B	- [Coupe models]
14	SB	- [Roadster models]
15	W	- [Roadster models]
19	G	- [Coupe models]
23	R	- [Coupe models]
44	L	- [Coupe models]
47	B	- [Coupe models]
48	SB	- [Coupe models]
49	W	- [Coupe models]
50	LG	- [Coupe models]
51	R	- [Coupe models]
52	V	- [Coupe models]
53	BG	- [Roadster models]
53	O	- [Roadster models]
54	GR	- [Coupe models]
55	G	- [Coupe models]

JCMWM4823GB

A B C D E F G H I J K L N O P PG

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

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



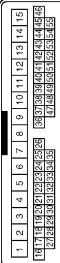
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
7	V	-
8	LG	-
9	R	-
10	Y	-
12	G	-
13	GR	-
14	L	-
15	EG	- [Coupe models]
16	BR	- [Reader models]

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



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

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-GS15



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	-
12	L	-
13	B	-
14	Y	-
15	W	-
19	Y	-
23	Y/B	-
44	L	-
47	B	-
48	SB	-
49	SB	- [Reader models with M/T]
49	Y	- [Except for reader models with M/T]
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

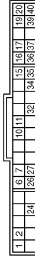
Connector No.	M33
Connector Name	COMBINATION METER
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
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1	V	BATTERY POWER SUPPLY
2	O	IGNITION POWER SUPPLY
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	Y	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
9	BR	COMMUNICATION SIGNAL (TRIPLE-METER)
10	L	COMMUNICATION SIGNAL (TRIPLE-METER)
12	G	S-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
20	GR	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

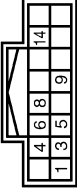
Connector No.	M66
Connector Name	A/C AUTO AMP
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
6	L	TX (AMPZ-CONT)
7	P	RX (CONT-AMP)
10	BR	LAN SIGNAL
11	Y	EACH DOOR MOTOR POWER SUPPLY
15	O	SUNLOAD SENSOR SIGNAL
16	R	INTAKE SENSOR SIGNAL
17	L	ACC POWER SUPPLY
19	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECV SIGNAL
26	R	REAR WINDOW DEFOGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFOGGER ON SIGNAL
32	P	BLOWER MOTOR CONTROL SIGNAL
34	G	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
35	V	AMBIENT SENSOR SIGNAL

36	LG	IN-VEHICLE SENSOR SIGNAL
37	GR	SENSOR GROUND
39	B	GROUND
40	Y	BATTERY POWER SUPPLY

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
3	V	ACC
4	R	ILL
5	R	ILL CONT
6	LG	AV COMM (H) [Coupe models]
6	L	AV COMM (L) [Reader models]
8	Y	AV COMM (H) [Reader models]
8	P	AV COMM (L) [Reader models]
9	BR	SW GND
14	SB	DISK EJECT SIGNAL

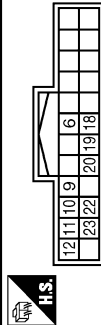
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

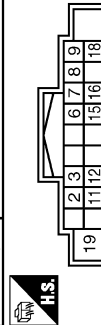
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M75
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24PW-NH



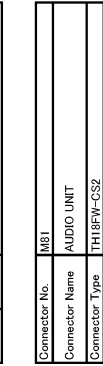
Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
9	R	COMM (DISP->CONT) [Coupe models]
9	G	COMM (DISP->CONT) [Roadster models]
10	G	COMM (CONT->DISP) [Coupe models]
10	R	COMM (CONT->DISP) [Roadster models]
11	Y	BATTERY
12	B	GND
18	L	COMPOSITE IMAGE SIGNAL
19	B	COMPOSITE IMAGE SIGNAL GND
20	Y	-
22	SHIELD	SHIELD
23	V	ACC

Connector No.	M80
Connector Name	AUDIO UNIT
Connector Type	TH18PW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT SPEAKER LH (+)
3	V	SOUND SIGNAL FRONT SPEAKER LH (-)
6	P	STRG SW A
7	L	ACC
8	W	ILL (-)
9	R	ILL (+)
11	V	SOUND SIGNAL FRONT SPEAKER RH (+)
12	LG	SOUND SIGNAL FRONT SPEAKER RH (-)
15	B	STRG SW GND
16	L	STRG SW B

Connector No.	M81
Connector Name	AUDIO UNIT
Connector Type	TH18PW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BOSE AMP ON SIGNAL
2	LG	SOUND SIGNAL FRONT LH (+) [Coupe models]
3	V	SOUND SIGNAL FRONT LH (-) [Roadster models]
4	L	SOUND SIGNAL FRONT LH (+) [Coupe models]
4	L	SOUND SIGNAL REAR LH (+) [Roadster models]
5	R	SOUND SIGNAL REAR LH (-) [Coupe models]
5	R	SOUND SIGNAL REAR LH (-) [Roadster models]
6	P	STRG SW A [For Mexico]
7	L	ACC
8	W	ILL (-) [Coupe models]
8	O	ILL (-) [Roadster models]
9	R	ILL (+)
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT RH (+) [Coupe models]
11	R	SOUND SIGNAL FRONT RH (+) [Roadster models]
12	P	SOUND SIGNAL FRONT RH (-) [Coupe models]
12	G	SOUND SIGNAL FRONT RH (-) [Roadster models]
13	R	SOUND SIGNAL REAR RH (+) [Roadster models]
13	R	SOUND SIGNAL REAR RH (+) [Coupe models]
14	G	SOUND SIGNAL REAR RH (-) [Coupe models]
14	Y	SOUND SIGNAL REAR RH (-) [Roadster models]
15	B	STRG SW GND
16	L	STRG SW B [For Mexico]
16	GR	STRG SW B [Except for Mexico]
18	Y	VEHICLE SPEED SIGNAL (8-PULSE)
19	Y	BATTERY
20	SHIELD	SHIELD

Connector No.	M84
Connector Name	AV CONTROL UNIT
Connector Type	TH18PW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BOSE AMP ON SIGNAL
2	LG	SOUND SIGNAL FRONT LH (+) [Coupe models]
2	P	SOUND SIGNAL FRONT LH (+) [Roadster models]
3	V	SOUND SIGNAL FRONT LH (-) [Coupe models]
3	L	SOUND SIGNAL FRONT LH (-) [Roadster models]
4	L	SOUND SIGNAL REAR LH (+) [Coupe models]
4	V	SOUND SIGNAL REAR LH (+) [Roadster models]
5	R	SOUND SIGNAL REAR LH (-) [Coupe models]
5	SB	SOUND SIGNAL REAR LH (-) [Roadster models]
6	P	STRG SW A
7	L	ACC
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT RH (+) [Coupe models]
11	R	SOUND SIGNAL FRONT RH (+) [Roadster models]
12	P	SOUND SIGNAL FRONT RH (-) [Coupe models]
12	G	SOUND SIGNAL FRONT RH (-) [Roadster models]
13	R	SOUND SIGNAL REAR RH (+) [Coupe models]
13	R	SOUND SIGNAL REAR RH (+) [Roadster models]
14	G	SOUND SIGNAL REAR RH (-) [Coupe models]
14	Y	SOUND SIGNAL REAR RH (-) [Roadster models]
15	B	STRG SW GND
16	L	STRG SW B
18	Y	BATTERY
20	B	GND

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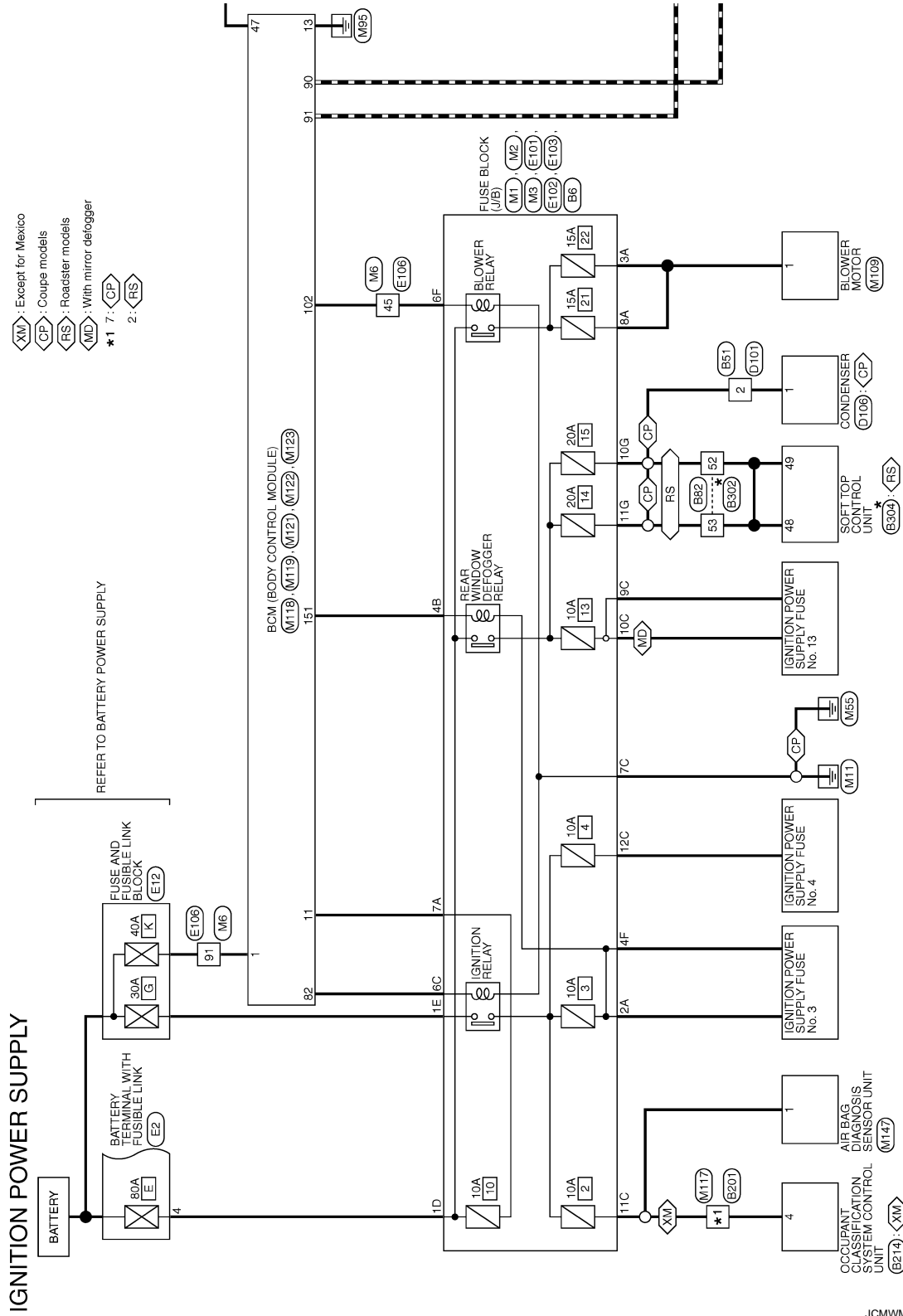
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Wiring Diagram - IGNITION POWER SUPPLY -

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

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JCMWM4827GB

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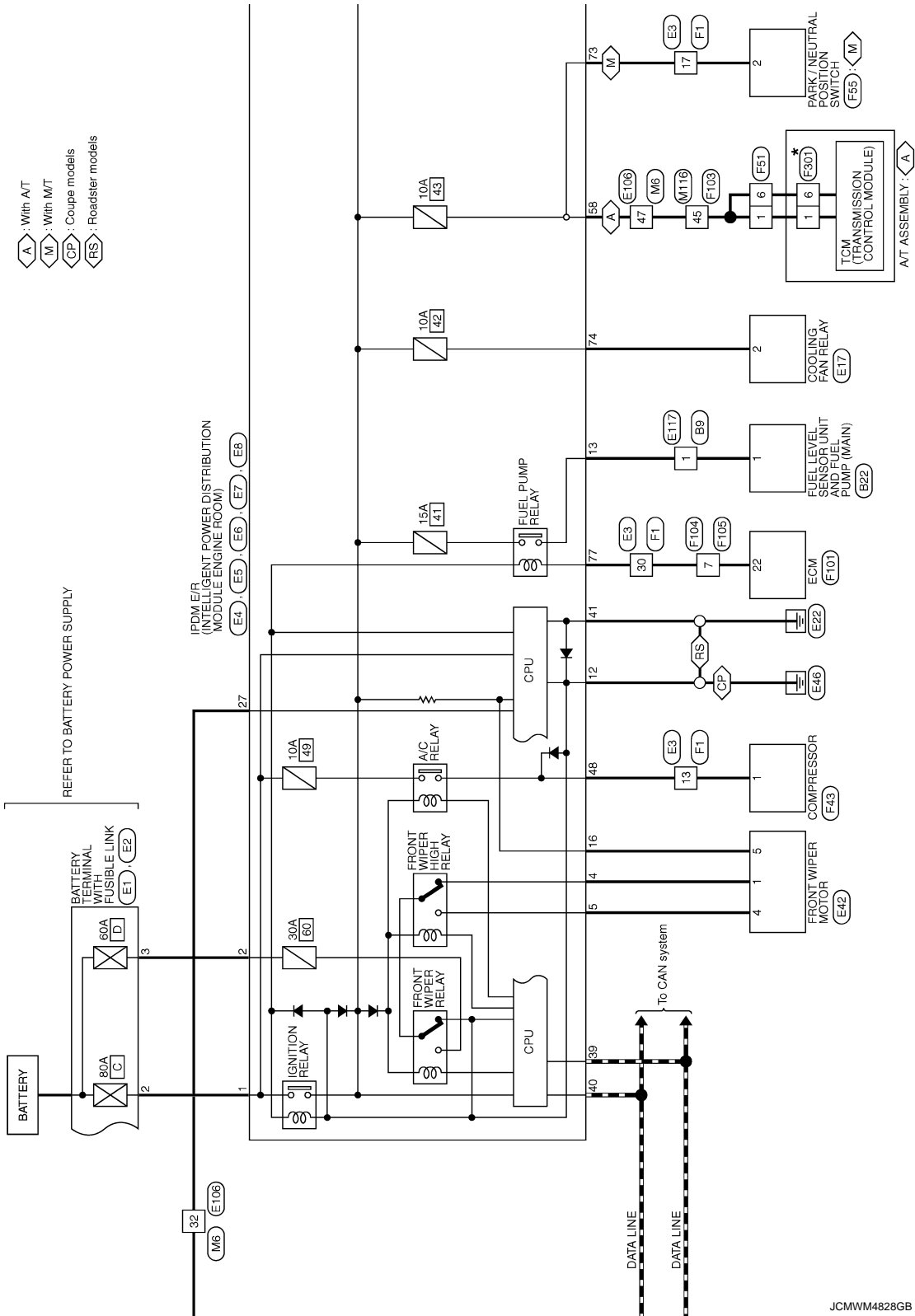
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

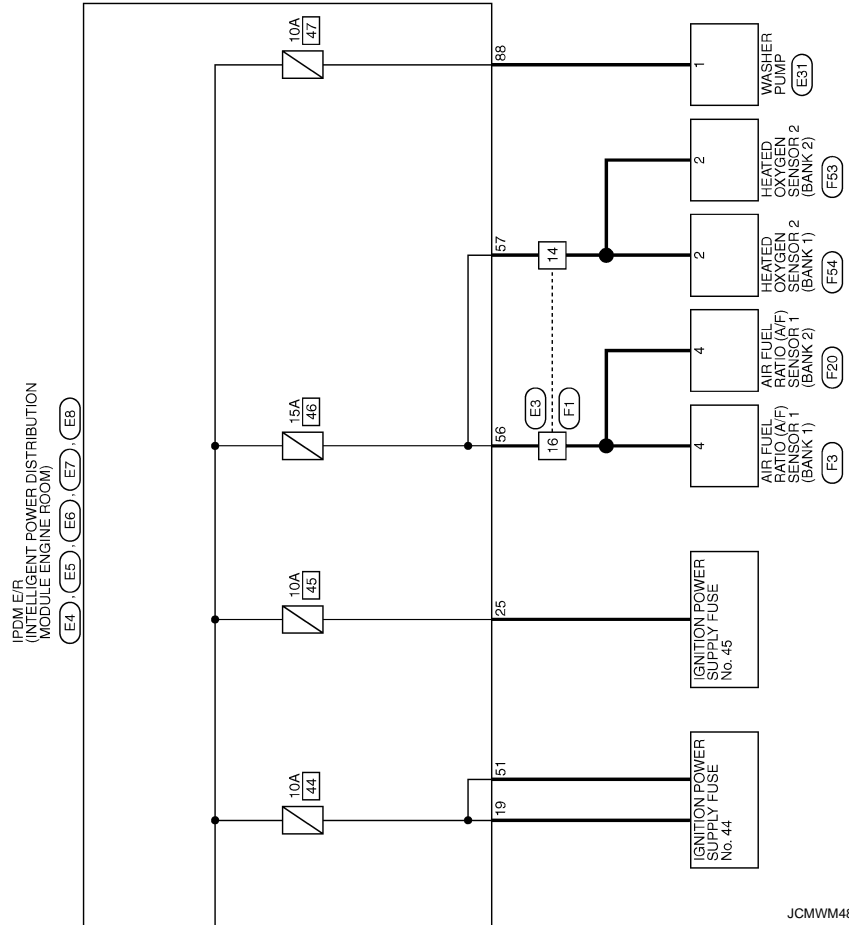


JCMWM4828GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



JCMWM4829GB

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	B86
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FB-C5



Terminal No.	Color of Wire	Signal Name [Specification]
5G	LG	-
10G	W	- [Coupe models] - [Roadster models]
11G	W	- [Coupe models]
12G	Y	- [Roadster models]

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-C5



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	R	- [Coupe models] - [Roadster models]
3	Y	-
4	GR	-
5	BG	- [Coupe models] - [Roadster models]
6	BR	-
7	LG	-
8	R	-

Connector No.	B22
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAN)
Connector Type	E05FGY-R5



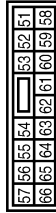
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	B	-
4	R	-
5	Y	-

Connector No.	B51
Connector Name	WIRE TO WIRE
Connector Type	M04MW-LC



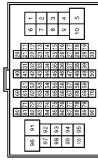
Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	-
4	B	-

Connector No.	B52
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-C5



Terminal No.	Color of Wire	Signal Name [Specification]
52	P	-
53	R	-
54	G	- [Coupe models] - [Roadster models]
57	B	- [Coupe models]
58	Y	- [Roadster models]
59	B	-
60	LG	-
61	L	-
62	L	-
63	L	-
64	B	-
65	Y	-
66	Y	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	T160FW-C516-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	- [Coupe models]
3	R	- [Roadster models]
4	B	- [Coupe models] - [Roadster models]
7	R	- [Coupe models]
8	LG	- [Roadster models]
9	Y	-
11	R	-
20	G	-
21	R	-
30	B	-
40	W	-
41	V	-
42	L	-
43	L	-
44	SB	-
51	P	-
52	L	-

Terminal No.	Color of Wire	Signal Name [Specification]
53	SHIELD	-
54	BR	-
55	Y	-
56	SHIELD	-
57	G	- [Coupe models] - [Roadster models]
58	R	- [Coupe models]
59	B	- [Roadster models]
60	W	-
61	GR	-
62	B	-
63	Y	-
64	V	-
65	SB	-
66	O	- [Coupe models] - [Roadster models]
67	V	-
68	P	- [Coupe models] - [Roadster models]
69	GR	- [Roadster models]
70	G	- [Coupe models] - [Roadster models]
80	V	-
81	SB	-
82	G	-
83	R	-
84	W	-
85	B	-
86	SHIELD	-
87	O	-
88	BR	-
89	Y	-
90	SHIELD	-
92	SB	- [Coupe models] - [Roadster models]
93	V	- [Coupe models] - [Roadster models]
94	SHIELD	- [Roadster models]
95	GR	- [Coupe models] - [Roadster models]
97	LG	- [Coupe models] - [Roadster models]
98	W	- [Roadster models]
99	G	- [Coupe models] - [Roadster models]
100	BR	- [Coupe models] - [Roadster models]

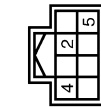
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FV-NH



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

Connector No.	B302
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
52	R	-
53	R	-
54	V	-
55	B	-
56	B	-
57	B	-
58	SB	-
59	DG	-
60	DG	-
61	R	-
62	R	-
63	R	-
64	B	-
65	R	-
66	R	-

Connector No.	E304
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	NS12FFV-CS



Terminal No.	Color of Wire	Signal Name [Specification]
41	DG	TRUNK OPENER ACTUATOR
48	R	REAR WINDOW DEF IN 2
49	R	REAR WINDOW DEF IN 1

Connector No.	D101
Connector Name	WIRE TO WIRE
Connector Type	MO4FW-LC



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

Connector No.	D108
Connector Name	CONDENSER
Connector Type	MO1FW-LC



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

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FER-MC



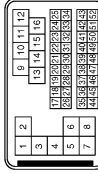
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-

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



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAAX3MF-RSP-SHZ8



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

Terminal No.	Color of Wire	Signal Name [Specification]
3	L/B	-
4	SHIELD	-
5	BR	-
7	G	-
8	W	-
9	W	-
10	Y	-
11	V	-
12	SB	-
13	L	-
14	G	-
15	R	-
16	LG	-
17	GR	-
18	Y	-
19	BG	- [Coupe models]
19	O	- [Roadster models]
20	B	-
21	SB	-
22	W	-
23	SB	-
24	GR	-
25	V	-
27	GR	-
28	V	-
29	P	-
30	R	-
31	BR	-
32	Y	-
33	G	-
34	BG	- [Coupe models]
34	O	- [Roadster models]
36	GR	-
37	SHIELD	-
38	L	-
39	P	-
40	R	-
41	W	-
42	LG	-
43	G	-
45	SB	-
46	SHIELD	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



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

Connector No.	E5
Connector Name	FRAME R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20PW-CS12-M4-TV



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

Connector No.	E6
Connector Name	FRAME R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20PW-NH



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

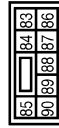
Connector No.	E7
Connector Name	FRAME R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20PW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	L	-
49	EG	- [Coupe models]
49	O	- [Roadster models]
51	Y	-
53	W	-
54	V	-
55	SB	-
56	LG	-
57	G	-
58	P	-
69	BR	-
70	BG	- [Coupe models]
70	O	- [Roadster models]
72	GR	-

Terminal No.	73	GR	-
74	G	-	-
75	SB	-	-
76	Y	-	-
77	R	-	-
80	W	-	-

Connector No.	E8
Connector Name	FRAME R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	-
84	P	-
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	W	-
5	R	-

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	EQ2FGY-RS



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

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS35FGY



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01F1F-MC



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

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02FB-LC



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

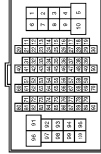
Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS16FW-CS



Terminal No.	IF	SB	W	4F	6F	EG
Color of Wire						
Signal Name [Specification]						

6F	O	-	[Roadster models]
8F	L	-	-
9F	R	-	[Coupe models]
9F	V	-	[Roadster models]

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
		- [Roadster models]
9	B	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SR	-
20	LG	-
21	BR	- [Coupe models]
		- [Roadster models]
21	G	-
31	L	-
32	Y	-
33	P	-
34	L	-
35	BR	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
		- [Except for roadster models with M/T]
44	GR	-

45	BG	-	[Coupe models]
45	O	-	[Roadster models]
48	W	-	-
47	P	-	-
58	SHIELD	-	-
59	L	-	-
70	P	-	-
80	W	-	-
81	P	-	-
82	G	-	-
83	V	-	-
84	L	-	-
85	BG	-	[Coupe models]
85	O	-	[Roadster models]
86	LG	-	-
87	R	-	-
88	P	-	-
91	W	-	-
92	L	-	-
93	G	-	-
94	Y	-	-
96	Y	-	-
97	BR	-	-
98	GR	-	-
99	LG	-	-
100	BG	-	[Coupe models]
		-	[Roadster models]
100	O	-	-

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	O	- [Roadster models with daytime running light system]
		- [Except for roadster models with daytime running light system]
3	R	-
4	GR	-
5	BG	- [Coupe models]
		- [Roadster models]
6	BR	-
7	P	-

8	BG	-	[Coupe models with daytime running light system]
8	O	-	[Roadster models with daytime running light system]
8	R	-	[Without daytime running light system]

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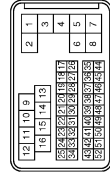
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA33PE-RS8-S1Z8



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	BG	- [Coupe models]
13	O	- [Roadster models]
14	LG	-
15	BR	-
16	Y	-
17	W	-
18	LG	-
19	P	-
20	BG	- [Coupe models]
20	O	- [Roadster models]
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	BG	- [Coupe models]
34	O	- [Roadster models]
36	GR	-
37	SHIELD	- [Coupe models]
37	B	- [Roadster models]

38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-
43	R	-
45	SB	-
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	AFZMFDGY



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

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



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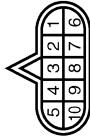
2	V	-
3	W	-
4	Y	-

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RSOIFB



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	MAGNET CLUTCH POWER SUPPLY [Coupe models]
1	O	MAGNET CLUTCH POWER SUPPLY [Roadster models]

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK1DFG-DGY



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

Connector No.	F63
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	BG	- [Coupe models]
4	O	- [Roadster models]

Connector No.	F64
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



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

JCMWM4834GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

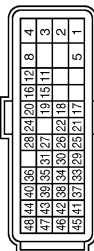
IGNITION POWER SUPPLY

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	AFH1 / O2HF 1 [Coupe models]
2	R	AFH1 / O2HF 1 [Roadster models]
3	G	MOTOR L-B1 [Coupe models]
4	R	MOTOR L-B1 [Roadster models]
5	EG	VMOT L-B1 [Coupe models]
6	BR	VMOT L-B1 [Roadster models]
7	W	MOTOR 2-B1 [Coupe models]
8	B	MOTOR 2-B1 [Roadster models]
9	W	AFH 2 / O2HF 2
10	GR	GND
11	GR	IGN#4
12	L	IGN#3
13	V	IGN#5
14	G	IGN#2
15	G	O2HR 1
16	W	CVTCH1
17	W	CVTCH1
18	SB	IGN#6
19	Y	IGN#1
20	GR	EVAP
21	GR	EVAP
22	R	FFR

24	P	SSOFF
25	EG	MOTRLY L-B1 [Coupe models]
26	O	MOTRLY L-B1 [Roadster models]
27	W	SHIFT-X
28	G	SHIFT-Y
29	BR	ABORT
30	Y	CVTCH2
31	R	TPS L-B1
32	R	TPS L-B2
33	SB	O2HR 2
34	B	TPS 2-B1
35	W	TPS 2-B2
36	BG	GND/INTPRES/MVPRES [Coupe models]
37	O	GND/INTPRES/MVPRES [Roadster models]
38	W	POS
39	O	INTPRES 1
40	P	MVPRES 1
41	R	GND/TPS-B1
42	GR	CLUTCH L
43	G	CLUTCH H
44	L	AVCC-TPS-B2
45	LG	AVCC-TPS-B1
46	R	AVCC 2 / INTPRES / MVPRES
47	Y	GND-POS
48	B	GND/TPS-B2

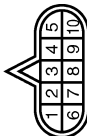
Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
6	L	-
7	Y	-
8	GR	-
9	GR	-
10	GR	-
11	OG	- [Coupe models]
12	O	- [Roadster models]
13	Y	-

3	L	-
4	Y	-
6	GR	-
7	R	-
8	O	-

Connector No.	F501
Connector Name	TON (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



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	VIGN
7	L	REV LAMP RLY
8	BR	CAN-L
9	Y	STARTER RLY
10	W/B	GND

28	B	-
29	LG	-
30	EG	-
31	OG	- [Coupe models]
32	O	- [Roadster models]
33	W	-
34	G	-
35	Y	-
36	L	-
37	Y	-
38	V	-

Connector No.	F104
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



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

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH08MW-NH



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

JCMWM4835GB

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

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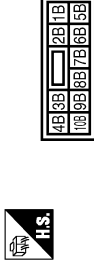
IGNITION POWER SUPPLY

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	L	-
6A	Y	-
7A	BR	-
8A	L	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	Y	-
2B	P	-
3B	P	-
4B	G	-
5B	O	-
6B	Y	-
7B	R	-
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]
6C	R	-
7C	B	-
8C	R	-
9C	O	-
10C	L	-
11C	LG	-
12C	O	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	-
9	B	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-

21	BR	-	[Coupe models]
21	R	-	[Roadster models]
31	L	-	[Roadster models with M/T]
31	BR	-	[Except for roadster models with M/T]
32	Y	-	[Roadster models with M/T]
32	V	-	[Except for roadster models with M/T]
33	P	-	-
34	L	-	-
35	BR	-	-
36	SB	-	-
37	Y	-	-
38	LG	-	-
39	SB	-	-
40	W	-	-
41	LG	-	-
42	R	-	-
43	G	-	-
44	R	-	[With A/T]
44	O	-	[With M/T]
45	O	-	-
46	G	-	-
47	BR	-	-
58	SHIELD	-	-
59	L	-	-
70	R	-	-
80	LG	-	-
81	GR	-	-
82	V	-	-
83	V	-	-
84	L	-	-
85	BR	-	-
86	Y	-	-
87	V	-	[Roadster models with M/T]
87	G	-	[Except for roadster models with M/T]
89	P	-	-
91	W	-	-
92	B	-	-
93	P	-	-
94	Y	-	-
96	P	-	-
97	GR	-	-
98	O	-	-
99	W	-	-
100	R	-	-

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	NS03FW-M3



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BLOWER MOTOR POWER SUPPLY
2	P	BLOWER MOTOR CONTROL SIGNAL
3	B	SENSOR GROUND

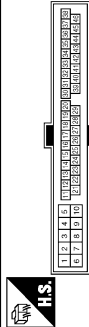
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

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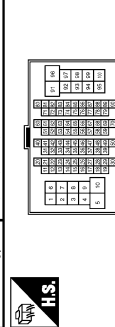
IGNITION POWER SUPPLY

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK30MW-NS-0



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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1E-TM4

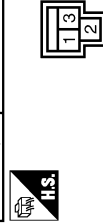


Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	LG	-

3	O	-	-	[Coupe models]
3	B	-	-	[Roadster models]
4	W	-	-	[Coupe models]
4	G	-	-	[Roadster models]
7	LG	-	-	[Coupe models]
7	G	-	-	[Roadster models]
8	LG	-	-	[Coupe models]
9	Y	-	-	[Roadster models]
11	R	-	-	[Coupe models]
11	R	-	-	[Roadster models]
20	G	-	-	[Coupe models]
21	R	-	-	[Roadster models]
30	B	-	-	[Coupe models]
40	O	-	-	[Roadster models]
41	Y	-	-	[Coupe models]
42	G	-	-	[Roadster models]
43	L	-	-	[Coupe models]
44	SB	-	-	[Roadster models]
51	R	-	-	[Coupe models]
51	R	-	-	[Roadster models]
52	G	-	-	[Coupe models]
53	SHIELD	-	-	[Roadster models]
54	LG	-	-	[Coupe models]
54	BR	-	-	[Roadster models]
55	V	-	-	[Coupe models]
55	Y	-	-	[Roadster models]
56	SHIELD	-	-	[Coupe models]
57	G	-	-	[Roadster models]
57	P	-	-	[Roadster models]
58	R	-	-	[Coupe models]
58	L	-	-	[Roadster models]
59	B	-	-	[Coupe models]
60	W	-	-	[Roadster models]
61	GR	-	-	[Coupe models]
62	B	-	-	[Roadster models]
63	Y	-	-	[Coupe models]
64	L	-	-	[Roadster models]
65	O	-	-	[Coupe models]
66	O	-	-	[Roadster models]
66	G	-	-	[Coupe models]
67	V	-	-	[Roadster models]
68	P	-	-	[Coupe models]
68	GR	-	-	[Roadster models]
69	L	-	-	[Coupe models]
69	P	-	-	[Roadster models]
70	L	-	-	[Coupe models]
70	O	-	-	[Roadster models]
80	W	-	-	[Coupe models]
80	L	-	-	[Roadster models]
81	Y	-	-	[Coupe models]
82	W	-	-	[Roadster models]
83	B	-	-	[Coupe models]
84	R	-	-	[Roadster models]
85	G	-	-	[Coupe models]

86	SHIELD	-	-	[Coupe models]
87	G	-	-	[Roadster models]
88	L	-	-	[Coupe models]
88	P	-	-	[Roadster models]
90	SHIELD	-	-	[Coupe models]
92	G	-	-	[Roadster models]
92	LG	-	-	[Coupe models]
93	R	-	-	[Roadster models]
93	V	-	-	[Coupe models]
94	SHIELD	-	-	[Roadster models]
94	G	-	-	[Coupe models]
95	SB	-	-	[Roadster models]
95	LG	-	-	[Coupe models]
97	LG	-	-	[Roadster models]
97	Y	-	-	[Coupe models]
98	V	-	-	[Roadster models]
98	Y/B	-	-	[Coupe models]
99	G	-	-	[Roadster models]
100	BR	-	-	[Coupe models]
100	Y	-	-	[Roadster models]

Connector No.	M118
Connector Name	BOM (BODY CONTROL MODULE)
Connector Type	M03FE-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BAT (7/L)
2	W	POWER WINDOW POWER SUPPLY (BAT)
3	Y	POWER WINDOW POWER SUPPLY (IGN)

Connector No.	M119
Connector Name	BOM (BODY CONTROL MODULE)
Connector Type	NS16PW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	R	INTERIOR ROOM LAMP POWER SUPPLY
5	G	SUPER LOCK OUTPUT [Coupe models]
5	V	SUPER LOCK OUTPUT [Roadster models]
8	V	ALL DOOR FUEL LID UNLOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	BR	BAT (FUSE)
13	B	GND
14	R	PUSH-BUTTON IGNITION SW ILL POWER
15	Y	ACC IND
17	W	TURN SIGNAL RH (FRONT, SIDE)
18	O	TURN SIGNAL LH (FRONT, SIDE)
19	P	ROOM LAMP TIMER CONTROL [Coupe models]
19	V	ROOM LAMP TIMER CONTROL [Roadster models]

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



Terminal No.	Color of Wire	Signal Name [Specification]
34	SB	LUGGAGE ROOM ANT- [Roadster models with M/T]
34	G	LUGGAGE ROOM ANT- (Except for roadster models with M/T)
35	V	LUGGAGE ROOM ANT+ [Roadster models with M/T]
35	R	LUGGAGE ROOM ANT+ (Except for roadster models with M/T)
38	B	BACK DOOR ANT-
38	W	BACK DOOR ANT-
43	V	IGN RELAY (F/B) CONT [Roadster models with M/T]
47	V	IGN RELAY (R/W) CONT [Roadster models with M/T]
47	V	IGN RELAY (R/W) CONT (Except for roadster models with M/T)
52	SB	STARTER RELAY CONT
61	W	BACK DOOR REQUEST SW [Roadster models]
61	W	TRUNK LID REQUEST SW [Roadster models]
64	V	L-KEY WARN BLUZZER (ENG ROOM) [Roadster models with M/T]
64	G	L-KEY WARN BLUZZER (ENG ROOM) (Except for roadster models with M/T)
66	R	BACK DOOR SW [Coupe models]
66	R	TRUNK ROOM LAMP SW [Roadster models]
67	GR	BACK DOOR OPENER SW [Coupe models]
67	GR	TRUNK LID OPENER SW [Roadster models]

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- [Roadster models with M/T]
72	L	ROOM ANT 2- (Except for roadster models with M/T)
73	G	ROOM ANT 2+ [Roadster models with M/T]
73	P	ROOM ANT 2+ (Except for roadster models with M/T)
74	SB	PASSENGER DOOR ANT-

75	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT-
78	L	ROOM ANT 1 (With A/T)
78	Y	ROOM ANT 1 (With M/T)
79	R	ROOM ANT 1+ (With A/T)
79	BR	ROOM ANT 1+ (With M/T)
80	GR	NATS ANT AMP
81	W	NATS ANT AMP
82	R	IGN RELAY (F/B) CONT
83	Y	NATS ENT RECEIVER (FRONT) COMM [Roadster models with M/T]
83	GR	NATS ENT RECEIVER (FRONT) COMM (Except for roadster models with M/T)
87	BR	COMBI SW INPUT 5
88	V	COMBI SW INPUT 3
89	BR	PUSH SW
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL
93	V	GN IND
95	O	ACC RELAY CONT
96	Y	A/T SHIFT SELECTOR POWER SUPPLY
97	L	S/L CONDITION 1
98	P	S/L CONDITION 2
99	R	SHIFT P (With A/T)
99	BR	CLUTCH PEDAL POS SW [Coupe models with M/T]
99	R	CLUTCH PEDAL POS SW [Roadster models with M/T]
99	R	CLUTCH PEDAL POS SW (Except for roadster models with M/T)
100	G	PASSENGER DOOR REQUEST SW [Roadster models with M/T]
100	GR	PASSENGER DOOR REQUEST SW (Except for roadster models with M/T)
101	SB	DRIVER DOOR REQUEST SW [Roadster models with M/T]
101	Y	DRIVER DOOR REQUEST SW (Except for roadster models with M/T)
102	O	BLOWER FAN MOTOR RELAY CONT
103	LG	KYLS ENT RECEIVER (FRONT) PWR SUPPLY
105	GR	KYLS ENT RECEIVER (REAR) PWR SUPPLY
106	W	S/L LIMIT POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	Y	COMBI SW INPUT 2
110	G	HAZARD SW [Roadster models with M/T]
110	P	HAZARD SW (Except for roadster models with M/T)
111	Y	S/L UNIT COMM

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



Terminal No.	Color of Wire	Signal Name [Specification]
113	O	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
115	O	SHOCK SENSOR
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
118	SB	DR DOOR UNLOCK SENSOR
119	SB	KEY SLOT SW
121	R	IGN F/B
124	LG	PASSENGER DOOR SW
129	O	TRUNK LID OPENER CANCEL SW
130	L	REAR WINDOW SW COMM [Coupe models]
132	V	POWER WINDOW SW COMM [Roadster models]
132	V	P/W SW & SOFT TOP C/U COMM [Roadster models]
133	R	PUSH BUTTON (RETRON) SW (L) POWER [Roadster models with M/T]
133	G	PUSH BUTTON (RETRON) SW (R) POWER [Roadster models with M/T]
134	GR	LOCK IND
137	O	RECEIVER SENSOR GND [Roadster models with M/T]
137	P	RECEIVER SENSOR GND (Except for roadster models with M/T)
138	V	TIRE PRESS./KYS.ENT (REAR) RECEIV COMM
139	L	TIRE PRESS./KYS.ENT (FRONT) RECEIV COMM
140	G	SHIFT N/P (With A/T)
140	G	P/N POSITION SW (With M/T)
141	O	SECURITY INDICATOR
142	O	COMBI SW OUTPUT 5
143	P	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	GR	DRIVER DOOR SW
151	G	REAR WINDOW DEFOGGER RELAY CONT

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DR 1 (+)
4	Y	DR 1 (-) DR 2 (-)
5	Y	DR 1 (-) DR 2 (-)
6	Y	AS 1 (+)
7	Y	AS 1 (-)
8	Y	AS 2 (+)
9	Y	AS 2 (-)
18	R	ECZS (+)
19	L	ECZS (-)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TELLTALE
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

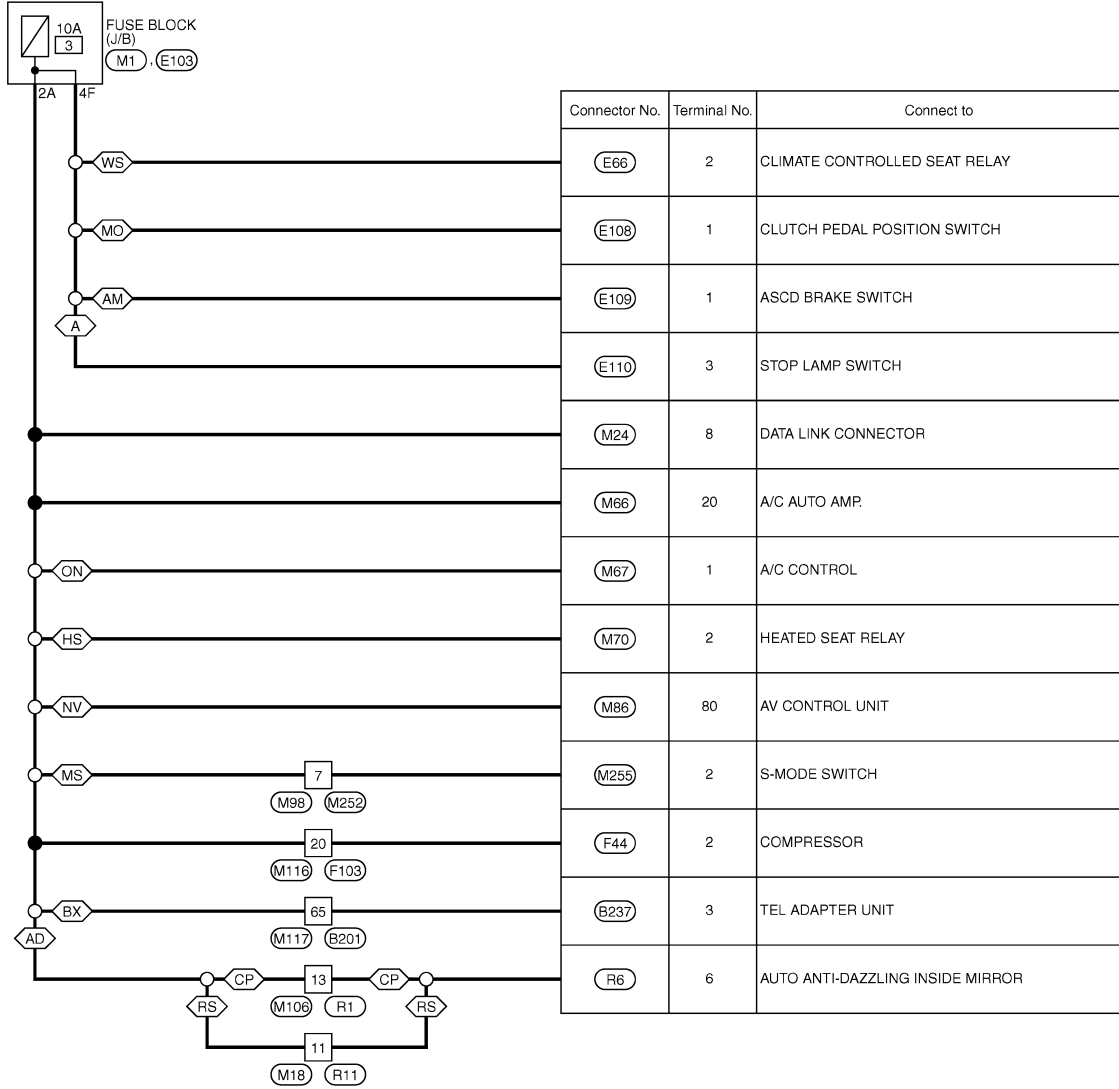
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

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IGNITION POWER SUPPLY FUSE No. 3

- A : With A/T
- MS : With M/T and SynchroRev Match mode
- AM : With A/T or with M/T and SynchroRev Match mode
- MO : With M/T without SynchroRev Match mode
- CP : Coupe models
- RS : Roadster models
- WS : With climate controlled seat
- HS : With heated seat
- AD : With auto anti-dazzling inside mirror
- NV : With NAVI
- ON : Without NAVI
- BX : With BOSE system without NAVI except for Mexico



2009/07/10

JCMWM4839GB

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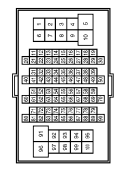
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

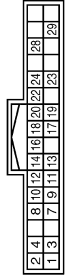
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	- [Coupe models]
2	R	- [Roadster models]
3	Y	- [Coupe models]
3	B	- [Roadster models]
4	G	- [Coupe models]
7	R	- [Coupe models]
7	Y	- [Roadster models]
8	LG	- [Coupe models]
9	Y	- [Roadster models]
11	R	- [Coupe models]
20	G	- [Roadster models]
21	R	- [Coupe models]
30	B	- [Roadster models]
40	W	- [Coupe models]
41	V	- [Roadster models]
42	G	- [Coupe models]
43	L	- [Roadster models]
44	SB	- [Coupe models]
51	P	- [Roadster models]
52	L	- [Coupe models]
53	SHIELD	- [Roadster models]
54	BR	- [Coupe models]
55	Y	- [Roadster models]
56	SHIELD	- [Coupe models]
57	G	- [Roadster models]
57	P	- [Coupe models]
58	R	- [Roadster models]
58	L	- [Coupe models]
59	B	- [Roadster models]
60	W	- [Coupe models]
61	GR	- [Roadster models]
62	B	- [Coupe models]
63	Y	- [Roadster models]
64	V	- [Coupe models]
65	SB	- [Roadster models]
66	EG	- [Coupe models]
66	O	- [Roadster models]
67	V	- [Coupe models]

68	P	- [Coupe models]
68	GR	- [Roadster models]
69	L	- [Coupe models]
69	P	- [Roadster models]
70	G	- [Coupe models]
70	O	- [Roadster models]
80	V	- [Coupe models]
81	SB	- [Roadster models]
82	B	- [Coupe models]
83	R	- [Roadster models]
84	W	- [Coupe models]
85	B	- [Roadster models]
86	SHIELD	- [Coupe models]
87	O	- [Roadster models]
88	BR	- [Coupe models]
89	Y	- [Roadster models]
90	SHIELD	- [Coupe models]
92	SR	- [Roadster models]
92	LG	- [Coupe models]
93	V	- [Roadster models]
93	W	- [Coupe models]
94	SHIELD	- [Roadster models]
94	G	- [Coupe models]
95	GR	- [Roadster models]
95	LG	- [Coupe models]
97	LG	- [Roadster models]
97	Y	- [Coupe models]
98	W	- [Roadster models]
98	Y/B	- [Coupe models]
99	G	- [Roadster models]
100	BR	- [Coupe models]
100	Y	- [Roadster models]

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FIV-MH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BATTERY
2	V	ACC
3	SR	IGNITION SIGNAL
4	B	GND

7	L	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	BR	TEL VOICE SIGNAL (+)
10	Y	TEL VOICE SIGNAL (-)
11	EG	TELEPHONE ON SIGNAL (Coupe models)
11	O	TELEPHONE ON SIGNAL (Roadster models)
12	P	STRG SW A (INPUT)
13	L	STRG SW B (INPUT)
14	B	STRG SW GND (INPUT)
16	R	ROOF STATUS SIGNAL (AUDIO)
17	W	STRG SW A (OUTPUT)
18	GR	STRG SW B (OUTPUT)
19	B	STRG SW GND (OUTPUT)
20	B	CONTROL SIGNAL
22	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
24	B	CONTROL SIGNAL
28	V	VEHICLE SPEED SIGNAL (8-PULSE)
29	P	MICROPHONE VCC

Connector No.	E66
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	MO6FER-R-LC



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

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



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

Connector No.	E108
Connector Name	CLUTCH PEDAL POSITION SWITCH
Connector Type	IS02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	- [With SynchroRev Match mode]
1	G	- [Without SynchroRev Match mode]
2	B	- [With SynchroRev Match mode]
2	BR	- [Without SynchroRev Match mode]

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E109
Connector Name	ASC'D BRAKE SWITCH
Connector Type	SO2PL



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [With A/T or with M/T and SwitchRev. Match model]
1	BR	- [With M/T without SwitchRev. Match model]
2	SB	-

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	MD4FW-LC



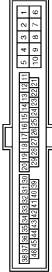
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	G	-
4	P	-

Connector No.	F41
Connector Name	COMPRESSOR
Connector Type	RK02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	ECV POWER SUPPLY
3	BG	ECV SIGNAL [Coupe models]
3	O	ECV SIGNAL [Roadster models]

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



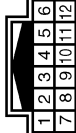
Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
8	L	-
9	Y	-
10	GR	-
19	BG	- [Coupe models]
19	O	- [Roadster models]
20	Y	-
28	B	-
29	LG	-
30	R	-
31	BG	- [Coupe models]
31	O	- [Roadster models]
39	W	-
42	G	-
43	P	-
44	L	-
45	Y	-
46	V	-

Connector No.	M1
Connector Name	FUSE BLOCK (U/B)
Connector Type	MS38FW-M2



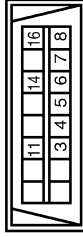
Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	L	-
6A	Y	-
7A	BR	-
8A	L	-

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



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

Connector No.	ME4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
4	B	-
5	B	-
6	L	-
7	Y	- [Coupe models]
7	V	- [Roadster models]
8	G	-
11	LG	-
14	P	-
16	Y	-

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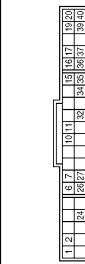
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

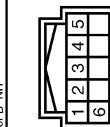
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M66
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
6	L	TX (AMP>CONT)
7	P	RX (CONT>AMP)
10	BR	LAN SIGNAL
11	Y	EACH DOOR MOTOR POWER SUPPLY
15	O	SUNLOAD SENSOR SIGNAL
16	R	INTAKE SENSOR SIGNAL
17	L	ACC POWER SUPPLY
19	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECV SIGNAL
26	R	REAR WINDOW DEFOGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFOGGER ON SIGNAL
32	P	BLOWER MOTOR CONTROL SIGNAL
34	G	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
35	V	AMBIENT SENSOR SIGNAL
36	LG	IN-VEHICLE SENSOR SIGNAL
37	GR	SENSOR GROUND
39	B	GROUND
40	Y	BATTERY POWER SUPPLY

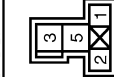
Connector No.	M67
Connector Name	A/C CONTROL
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGNITION POWER SUPPLY

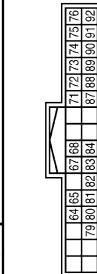
2	R	ILL+
3	W	ILL-
4	P	TX (SW>AMP)
5	L	RX (AMP>SW)
6	B	GROUND

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



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

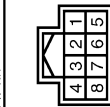
Connector No.	M86
Connector Name	AV CONTROL UNIT
Connector Type	TH43FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
65	V	PARKING BRAKE SIGNAL
67	B	COMPOSITE IMAGE GND
68	L	COMPOSITE IMAGE SIGNAL
71	SHIELD	MICROPHONE GND
72	R	MICROPHONE VCC
73	G	COMM (CONT->DISP) [Coupe models]
73	R	COMM (CONT->DISP) [Roadster models]
74	P	CAN-L [Coupe models]
74	L	CAN-L [Roadster models]
75	Y	AV COMM (L)
76	Y	AV COMM (R)

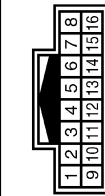
78	R	ILL+
80	G	IGNITION SIGNAL
81	O	REVERSE SIGNAL
82	V	VEHICLE SPEED SIGNAL (PULSE)
83	SHIELD	SHIELD
84	Y	SHIELD
87	G	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	R	COMM (DISP->CONT) [Coupe models]
89	G	COMM (DISP->CONT) [Roadster models]
90	L	CAN-H [Coupe models]
90	P	CAN-H [Roadster models]
91	LG	AV COMM (H)
92	LG	AV COMM (H)

Connector No.	M88
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



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

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TH16MF-NH



Terminal No.	Color of Wire	Signal Name [Specification]
4	W	
5	R	
6	B	
7	P	
8	R	
11	B	
12	Y	
13	G	
14	SHIELD	
15	R	
16	G	

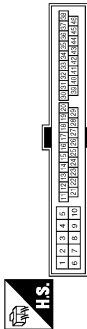
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

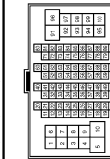
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK36MW-NS-0



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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4

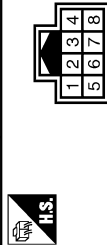


Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	-
2	LG	- [Roadster models]

3	O	- [Coupe models] - [Roadster models]
3	B	-
4	W	- [Coupe models] - [Roadster models]
7	LG	- [Coupe models] - [Roadster models]
7	Y	-
8	LG	-
9	Y	-
11	R	-
20	G	-
21	R	-
30	B	-
40	O	-
41	Y	-
42	G	-
43	L	-
44	SB	-
51	R	-
52	G	-
53	SHIELD	-
54	LG	- [Coupe models] - [Roadster models]
55	V	- [Coupe models] - [Roadster models]
55	Y	-
56	SHIELD	-
57	G	-
57	P	- [Coupe models] - [Roadster models]
58	R	-
58	L	- [Coupe models] - [Roadster models]
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	L	-
65	O	-
66	O	- [Coupe models] - [Roadster models]
66	G	-
67	V	-
68	P	- [Coupe models] - [Roadster models]
68	GR	-
69	L	- [Coupe models] - [Roadster models]
69	P	-
70	L	- [Coupe models] - [Roadster models]
70	O	-
80	W	- [Coupe models] - [Roadster models]
80	L	-
81	Y	-
82	W	-
83	B	-
84	R	-
85	G	-

86	SHIELD	-
87	G	-
88	L	-
88	P	-
90	SHIELD	-
92	G	- [Coupe models] - [Roadster models]
93	R	- [Coupe models] - [Roadster models]
93	V	-
94	SHIELD	-
94	G	- [Roadster models]
95	SB	- [Coupe models] - [Roadster models]
95	LG	- [Coupe models] - [Roadster models]
97	LG	- [Coupe models] - [Roadster models]
97	Y	-
98	V	-
98	Y/B	- [Coupe models] - [Roadster models]
99	G	-
100	BR	- [Coupe models] - [Roadster models]
100	Y	-

Connector No.	M252
Connector Name	WIRE TO WIRE
Connector Type	TH68MW-NH



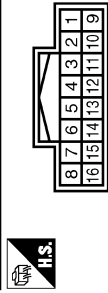
Terminal No.	Color of Wire	Signal Name [Specification]
1	EG	- [Coupe models] - [Roadster models]
2	SB	-
3	B	-
4	G	-
5	B	-
6	L	-
7	G	-
8	G	-

Connector No.	M255
Connector Name	S-MODE SWITCH
Connector Type	TK64FGY



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

Connector No.	RI
Connector Name	WIRE TO WIRE
Connector Type	TH18FV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	R	-
6	B	-
7	P	-
8	R	-
11	B	-
12	Y	-
13	G	-
14	SHIELD	-
15	R	-
16	G	-

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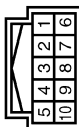
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

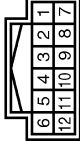
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	R6
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	B/R	-
8	B/W	-
10	B/Y	-

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



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

JCMWM4844GB

POWER SUPPLY ROUTING CIRCUIT

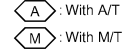
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[POWER SUPPLY&GROUND CIRCUIT]

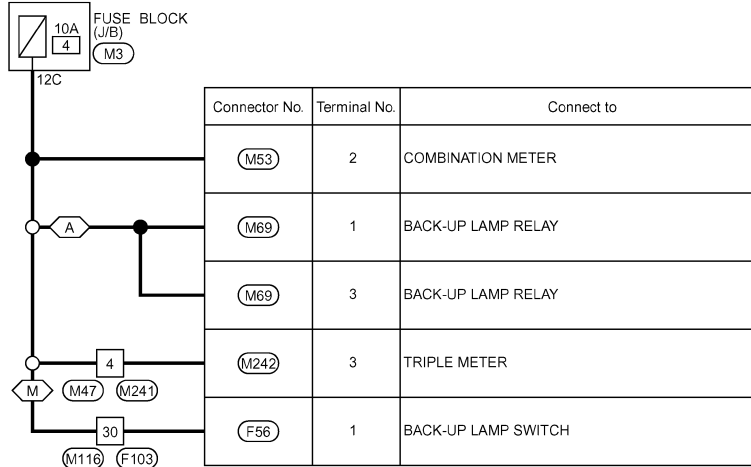
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -

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IGNITION POWER SUPPLY FUSE No. 4



 A - With A/T
 M - With M/T



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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

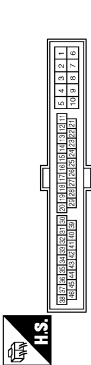
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	F16
Connector Name	BACK-UP LAMP SWITCH
Connector Type	RK02FB



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

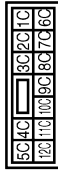
Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
8	L	-
9	Y	-
10	GR	-
19	BG	- [Coupe models]
19	O	- [Roadster models]
20	Y	-
28	B	-
28	LG	-
30	R	-
31	BG	- [Coupe models]
31	O	- [Roadster models]
39	W	-
42	G	-
43	P	-
44	L	-

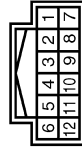
45	Y	-
46	V	-

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



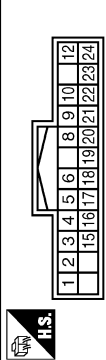
Terminal No.	Color of Wire	Signal Name [Specification]
6G	R	-
7C	B	-
8C	R	- [Coupe models]
8C	O	- [Roadster models]
10C	L	-
11C	LG	-
12C	O	-

Connector No.	M47
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
4	O	-
5	V	-
6	B	-

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION POWER SUPPLY
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	Y	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
8	BR	COMMUNICATION SIGNAL (METER-METER)
10	L	COMMUNICATION SIGNAL (METER-METER)
12	G	S-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP-CONNECTION RECOGNITION SIGNAL
20	GR	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

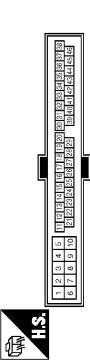
Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS29FL-M2-LC



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

5	O	-
---	---	---

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MW-NS10



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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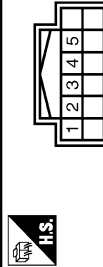
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	M241
Connector Name	WIRE TO WIRE
Connector Type	TH12VW



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	BR	-
4	O	-
5	V	-
6	B	-

Connector No.	M242
Connector Name	TRIPLE METER
Connector Type	TH12FV-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
2	V	BATTERY POWER SUPPLY
3	O	IGNITION SIGNAL
4	BR	COMMUNICATION SIGNAL (WIRE->TRIPLE METER)
5	L	COMMUNICATION SIGNAL (TRIPLE METER->METER)

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POWER SUPPLY ROUTING CIRCUIT



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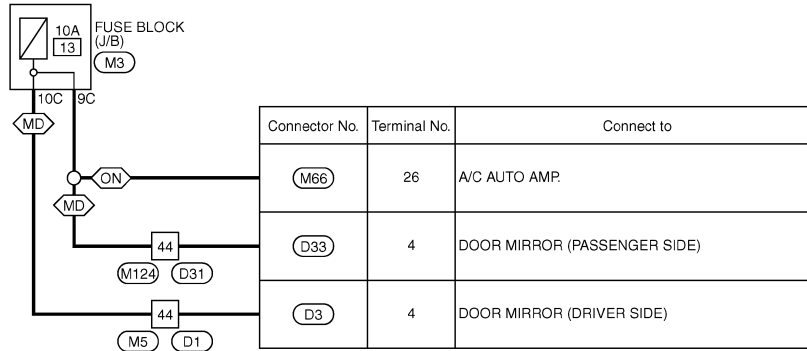
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 13 -

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IGNITION POWER SUPPLY FUSE No. 13

 : Without NAVI
 : With mirror defogger



2009/07/10

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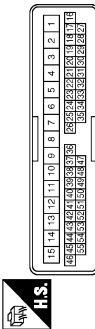
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE No. 13

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



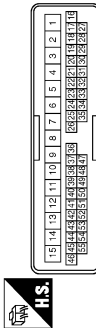
Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	Y	-
9	G	-
10	BG	- [Coupe models] - [Roadster models]
11	O	- [Roadster models]
11	P	- [With BOSE system]
11	V	- [Without BOSE system]
12	L	-
13	B	-
14	SB	- [Coupe models] - [Roadster models]
15	W	-
19	G	-
23	R	-
44	L	-
47	B	-
48	SB	-
49	W	-
50	LG	-
51	R	-
52	V	-
53	BG	- [Coupe models]
53	O	- [Roadster models]
54	GR	-
55	G	-

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH08MW-NH



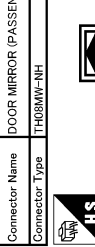
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	L	-
3	Y	-
4	L	-
8	B	-

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40PW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
10	V	-
11	LG	-
12	P	- [With BOSE system]
12	LG	- [Without BOSE system]
13	V	- [Coupe models without BOSE system]
13	L	- [Except for coupe models without BOSE system]
14	B	-
15	W	-
19	P	-
23	L	-
44	L	-
50	Y	-
51	Y	-
52	G	-
53	BG	- [Coupe models]
53	O	- [Roadster models]
54	GR	-

Connector No.	55
Connector Name	-
Connector Type	-



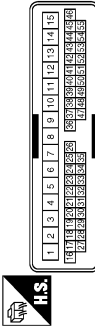
Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	- [Coupe models] - [Roadster models]
2	GR	-
3	L	-
4	L	-
8	B	-

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	-
9C	R	- [Coupe models] - [Roadster models]
10C	L	-
11C	LG	-
12C	O	-

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MP-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	-
12	L	-
13	B	-
14	Y	-
15	W	-
19	Y	-
23	Y/B	-
44	L	-
47	B	-
48	SB	-
49	SB	- [Roadster models with M/T]
49	Y	- [Except for roadster models with M/T]
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 13

Connector No.	M66
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
6	L	TX (AMP>CONT)
7	P	RX (CONT>AMP)
10	BR	LAN SIGNAL
11	Y	EACH DOOR MOTOR POWER SUPPLY
15	O	SUNLOAD SENSOR SIGNAL
16	R	INTAKE SENSOR SIGNAL
17	L	ACC POWER SUPPLY
18	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECV SIGNAL
26	R	REAR WINDOW DEFOGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFOGGER ON SIGNAL
32	P	BLOWER MOTOR CONTROL SIGNAL
34	G	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
35	V	AMBIENT SENSOR SIGNAL
36	LG	IN-VEHICLE SENSOR SIGNAL
37	GR	SENSOR GROUND
39	B	GROUND
40	Y	BATTERY POWER SUPPLY

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	THH0MW-CS15



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

Terminal No.	Color of Wire	Signal Name [Specification]
10	G	— [Coupe models]

10	V	— [Roadster models]
11	V	— [Coupe models]
11	LG	— [Roadster models]
12	LG	—
13	V	—
14	B	—
15	W	—
19	Y	—
23	Y/B	— [Coupe models]
44	R	— [Roadster models]
44	O	— [Roadster models]
50	Y	—
51	Y	—
52	G	— [Roadster models with M/T]
52	GR	— [Except for roadster models with M/T]
53	W	—
54	G	—
55	R	—

POWER SUPPLY ROUTING CIRCUIT

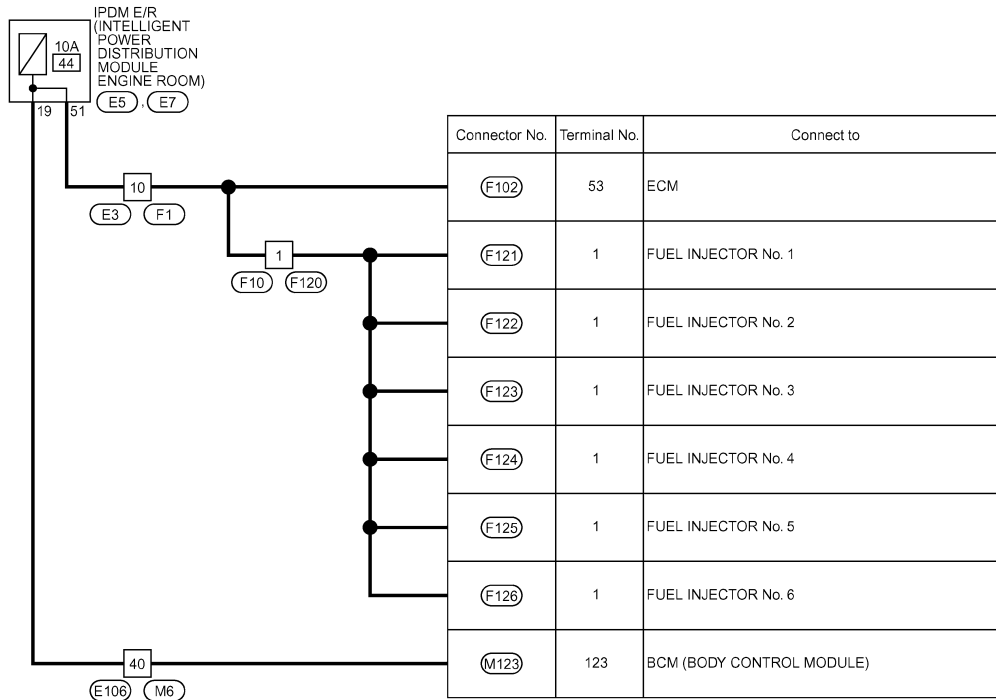
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

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IGNITION POWER SUPPLY FUSE No. 44



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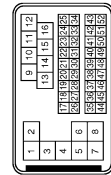
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

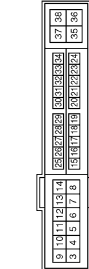
Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA33MB FSS-SHZ8



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	Y	-
11	V	-
12	SB	-
13	L	-
14	G	-
15	R	-
16	LG	-
17	GR	-
18	Y	-
19	BG	- [Coupe models] - [Roadster models]
20	B	-
21	SB	-
22	W	-
23	SB	-
24	GR	-
25	V	-
27	GR	-
28	V	-
29	P	-
30	R	-
31	BR	-
32	Y	-
33	G	-
34	BG	- [Coupe models] - [Roadster models]
34	O	- [Roadster models]
36	GR	-
37	SHIELD	-
38	L	-
38	P	-

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

Connector No.	E5
Connector Name	ENGINE R INTELLIGENT POWER DISTRIBUTION MODULE
Connector Type	TH2DFW-CS12-M4-1V



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

Connector No.	E7
Connector Name	ENGINE R INTELLIGENT POWER DISTRIBUTION MODULE
Connector Type	TH2DFW-CS12-M4



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

JCMWM4850GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

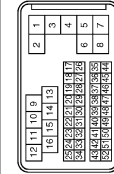
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FN-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models]
21	G	- [Roadster models]
31	L	-
32	Y	-
33	P	-
34	L	-
36	BR	-
36	V	-
37	Y	-
38	R	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
44	GR	- [Except for roadster models with M/T]
45	BG	- [Coupe models]
45	O	- [Roadster models]
46	W	-
47	P	-
58	SHIELD	-
58	L	-

70	P	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	- [Coupe models]
85	O	- [Roadster models]
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	- [Coupe models]
100	O	- [Roadster models]

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	BG	- [Coupe models]
13	O	- [Roadster models]
14	LG	-
15	BR	-

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

16	Y	-
17	W	-
18	LG	-
19	P	-
20	BG	- [Coupe models]
20	O	- [Roadster models]
21	BR	-
22	G	-
23	Y	-
24	LG	-
25	V	-
27	GR	-
28	BR	-
29	L	-
30	R	-
31	P	-
32	W	-
33	SB	-
33	BG	- [Coupe models]
33	O	- [Roadster models]
34	O	-
37	SHIELD	- [Coupe models]
37	B	- [Roadster models]
38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-
43	R	-
45	SB	-
46	SHIELD	-
47	W/L	-
48	LG	-
48	O/L	-
50	L/Y	-
51	W	-
52	L/G	-

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



JCMWM4851GB

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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	RH40BR-R26-L-LH-Z

96	92	88	84	80	76	72	68	64	60	52
95	91	87	83	79	75	71	67	63	59	55
94	90	86	82	78	74	70	66	62	58	50
93	89	85	81	77	73	69	65	61	57	49



Terminal No.	Color of Wire	Signal Name [Specification]
49	GR	MOTOR 2-B2
50	V	MOTOR 1-B2
52	R	VMOT-B2
53	W	IGNSW
54	Y	ENG CAN-L1
55	LG	ENG CAN-H1
57	L	AF-1/OZSF 1
58	BG	PHASE1 [Coupe models]
59	O	PHASE1 [Roadster models]
60	G	AVCC-PHS 1-E-PHS 1 / PS
61	R	AF-1
63	L	PHASE2
64	SB	AVCC-PHS E-PHS 2 / CU
65	LG	AF-2/OZSF 2
66	V	AF-2
67	P	TA 1
68	LG	GND GA 1 / TA 1
69	W	KNK 2
71	Y	TW
72	SHELD	GND-KNK
73	W	KNK 1
74	L	AVCC 2 SHEET X/Y
75	W	MTEV
76	W	OZSR 1
77	SB	GA 1+
78	G	TO 1
79	BR	GA 2+
80	BG	OZSR 2 [Coupe models]
80	O	OZSR 2 [Roadster models]
81	R	INJ#3
82	V	INJ#6
83	LG	TA 2
84	B	GND O2S-TW-TO
85	BR	INJ#2
86	W	INJ#5
87	Y	PSPRES
88	R	GND-A
88	GR	INJ#1

90	BG	INJ#4 [Coupe models]
90	O	INJ#4 [Roadster models]
91	SB	CURSEN
92	G	GND-A-PHASE#2
93	P	BAT 1
94	Y	GND-GA 2 / TA 2
95	G	GND-A-PDPRES
96	P	GND-A-PHASE1 / PS

Connector No.	F120
Connector Name	WIPE TO WIRE
Connector Type	RH08MB



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

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	

JCMWM4852GB

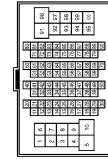
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	M8
Wire to Wire	TH80MW-CS (F-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	BR	- [Coupe models]
21	R	- [Roadster models]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	- [With A/T]
44	G	- [With M/T]
44	R	-
45	O	-
46	G	-
47	BR	-
58	SHIELD	-

59	L	-
70	R	-
80	LC	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T]
87	G	- [Except for roadster models with M/T]
89	P	-
91	W	-
92	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH46FC-NH



Terminal No.	Color of Wire	Signal Name [Specification]
113	O	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
115	O	SHOCK SENSOR
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
119	SB	DR DOOR UNLOCK SENSOR
121	R	KEY SLOT SW
123	W	IGN F/B
124	LG	PASSENGER DOOR SW
129	O	TRUNK LID OPENER CANCEL SW
130	L	REAR DEFOGGER SW
132	Y	POWER WINDOW SW COMM [Coupe models]
132	V	P/W SW & SOFT TOP C/L COMM [Roadster models]
133	R	REAR WINDOW WASH SW [Roadster models with M/T]
133	G	REAR WINDOW WASH SW [Roadster models with M/T]

134	GR	LOCK IND
137	O	REVERSE/SENSOR SW [Roadster models with M/T]
137	P	REVERSE/SENSOR SW [Except for roadster models with M/T]
138	V	RECEIVER / SENSOR POWER SUPPLY
139	L	TIRE PRESS.KYLS ENT (REAR) RECEV COMM
140	G	SHIFT INP [With A/T]
141	Y	SECURITY INDICATOR
142	O	COMBI SW OUTPUT 5
143	P	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 4
146	SB	COMBI SW OUTPUT 3
149	W	TIRE PRESSURE WARN CHECK SW
150	GR	DRIVER DOOR SW
151	G	REAR WINDOW DEFOGGER RELAY CONT

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POWER SUPPLY ROUTING CIRCUIT

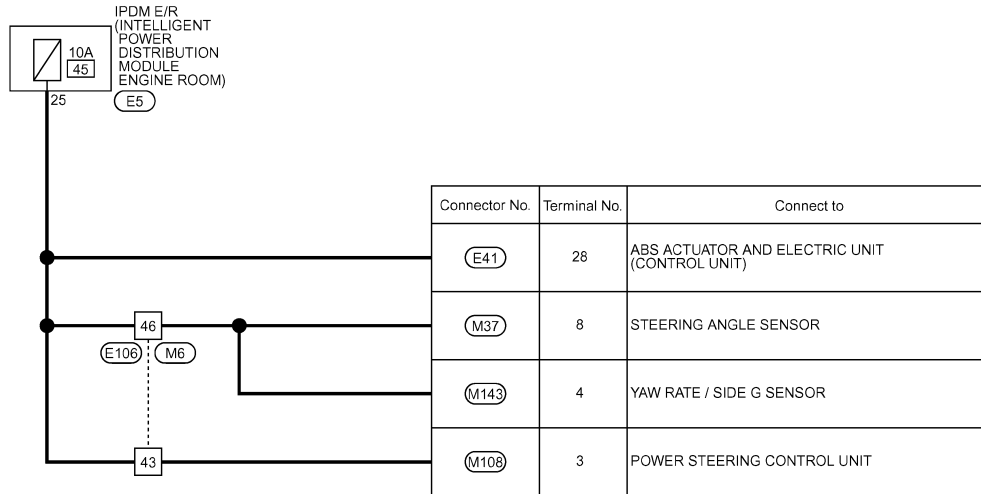
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

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IGNITION POWER SUPPLY FUSE No. 45



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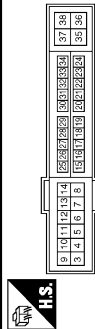
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

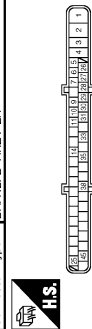
IGNITION POWER SUPPLY FUSE No. 45

Connector No.	E5
Connector Name	SMALL INTELLIGENT POWER DISTRIBUTION MODULE FUSE BLOCK
Connector Type	TH80PW-CS12-M4-1V



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

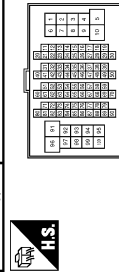
Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BANMPF-AH24-LH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	G	UBNR
3	R	UBVR
4	B	GND
5	Y	DS FL
6	EG	DP RL [Coupe models]

Terminal No.	Color of Wire	Signal Name [Specification]
6	OR	DP RL [Roadster models]
7	BR	DP RR
8	B	DP FR
10	W	DS FR
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 SW
35	L	CAN-H
45	B	BUS-H

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models]
9	B	- [Roadster models]
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models]
21	G	- [Roadster models]
31	L	-
32	Y	-
33	P	-
34	L	-
35	BR	-

Terminal No.	Color of Wire	Signal Name [Specification]
36	V	-
37	Y	-
38	R	-
38	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	R	- [Roadster models with M/T]
44	GR	- [Except for roadster models with M/T]
45	BG	- [Coupe models]
45	O	- [Roadster models]
46	W	-
47	P	-
56	SHIELD	-
59	L	-
70	P	-
80	W	-
81	B	-
82	G	-
83	V	-
84	L	-
85	BG	- [Coupe models]
85	O	- [Roadster models]
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	- [Coupe models]
100	O	- [Roadster models]

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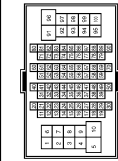
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 45

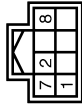
Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1E-T1M4



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	L	- [Coupe models] - [Roadster models]
9	B	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	BR	- [Coupe models] - [Roadster models]
21	R	- [Roadster models with M/T]
31	L	- [Roadster models with M/T]
31	BR	- [Except for roadster models with M/T]
32	Y	- [Roadster models with M/T]
32	V	- [Except for roadster models with M/T]
33	P	-
34	L	-
35	BR	-
36	SB	-
37	Y	-
38	LG	-
38	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T] - [With M/T]
44	R	-
45	O	-
46	G	-
47	BR	-
58	SHIELD	-

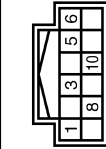
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
85	BR	-
86	Y	-
87	V	- [Roadster models with M/T] - [Except for roadster models with M/T]
87	G	-
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08FW-NH



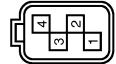
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
7	B	GND
8	G	IGN

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	EPS SOL+
3	G	IGN
5	B	EPS SOL-
6	B	GND
8	L	VEHICLE SPEED (2P)
10	R	ENG TACHO

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



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

POWER SUPPLY ROUTING CIRCUIT

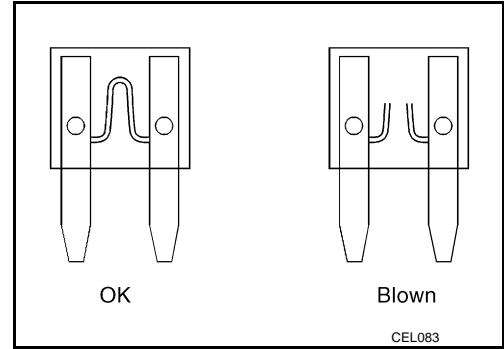
[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Fuse

INFOID:000000005550227

- 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

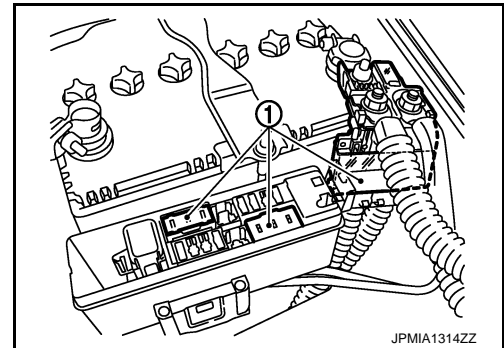
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A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.

1 : Fusible link

CAUTION:

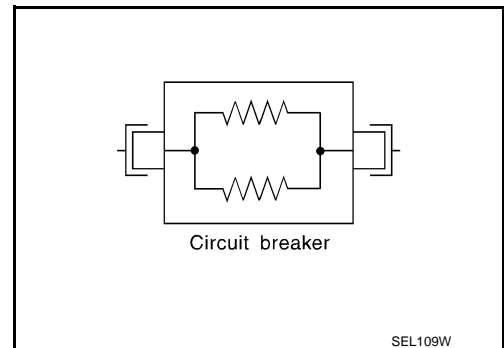
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:000000005550229

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.



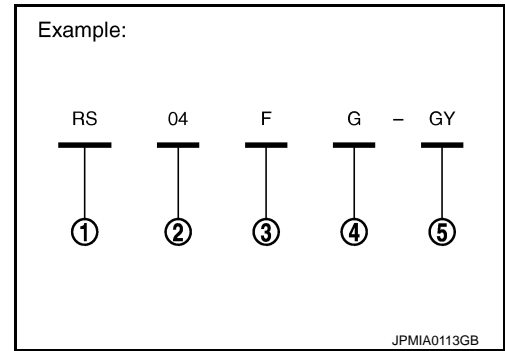
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HARNESS LAYOUT

How To Read Harness Layout






INFOID:000000005568317

- 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.	—			

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HARNESSES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

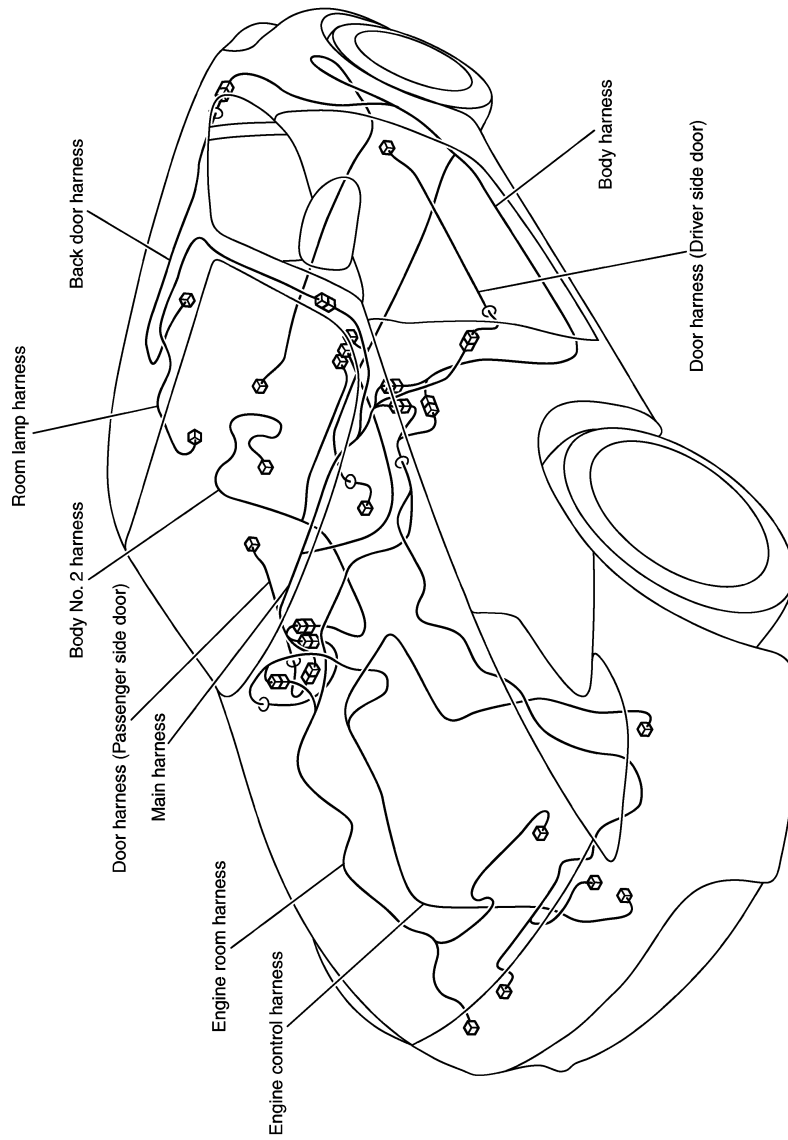
[POWER SUPPLY&GROUND CIRCUIT]

Outline

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COUPE MODELS

OUTLINE (COUPE MODELS)



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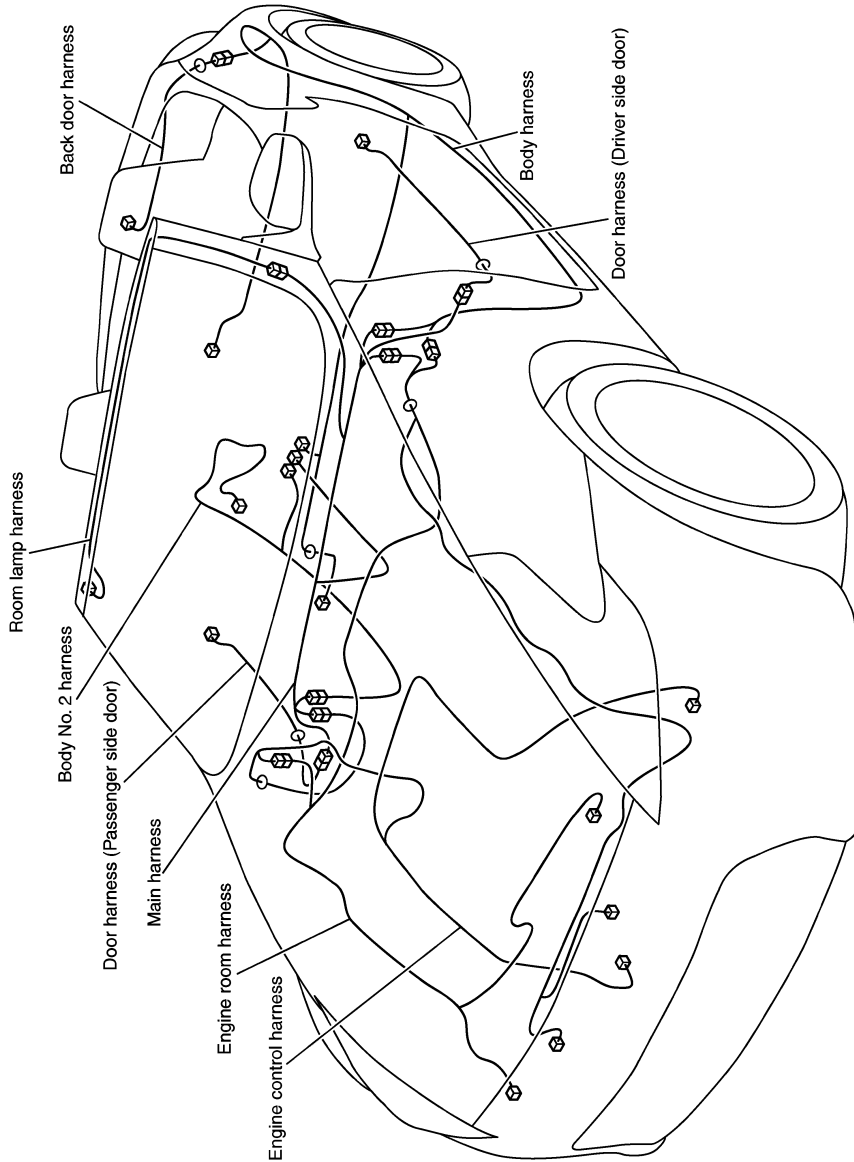
HARNESSES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ROADSTER MODELS

OUTLINE (ROADSTER MODELS)



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HARNES LAYOUT

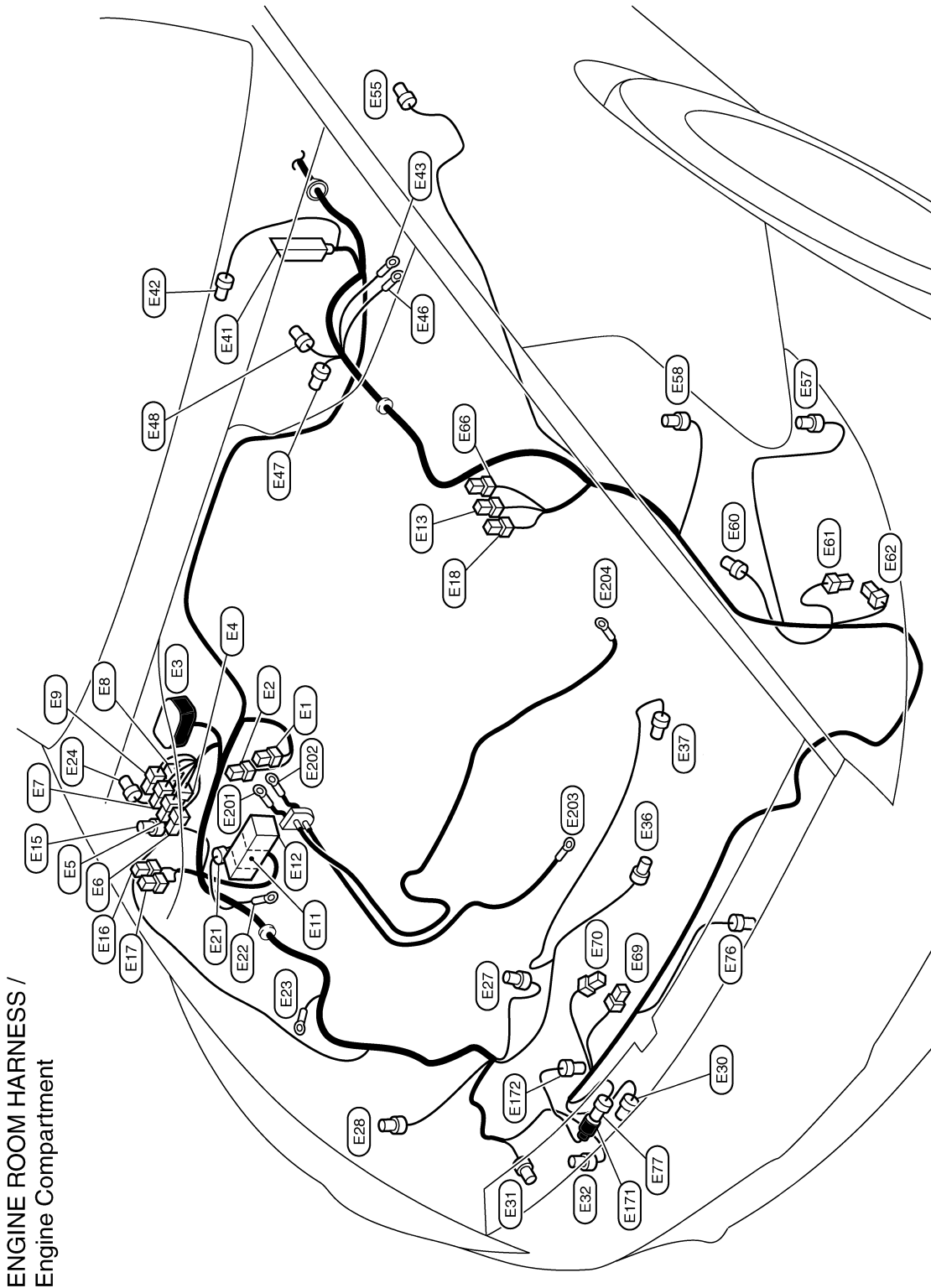
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[POWER SUPPLY&GROUND CIRCUIT]

Engine Room Harness

INFOID:000000005550206

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

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2009/07/10

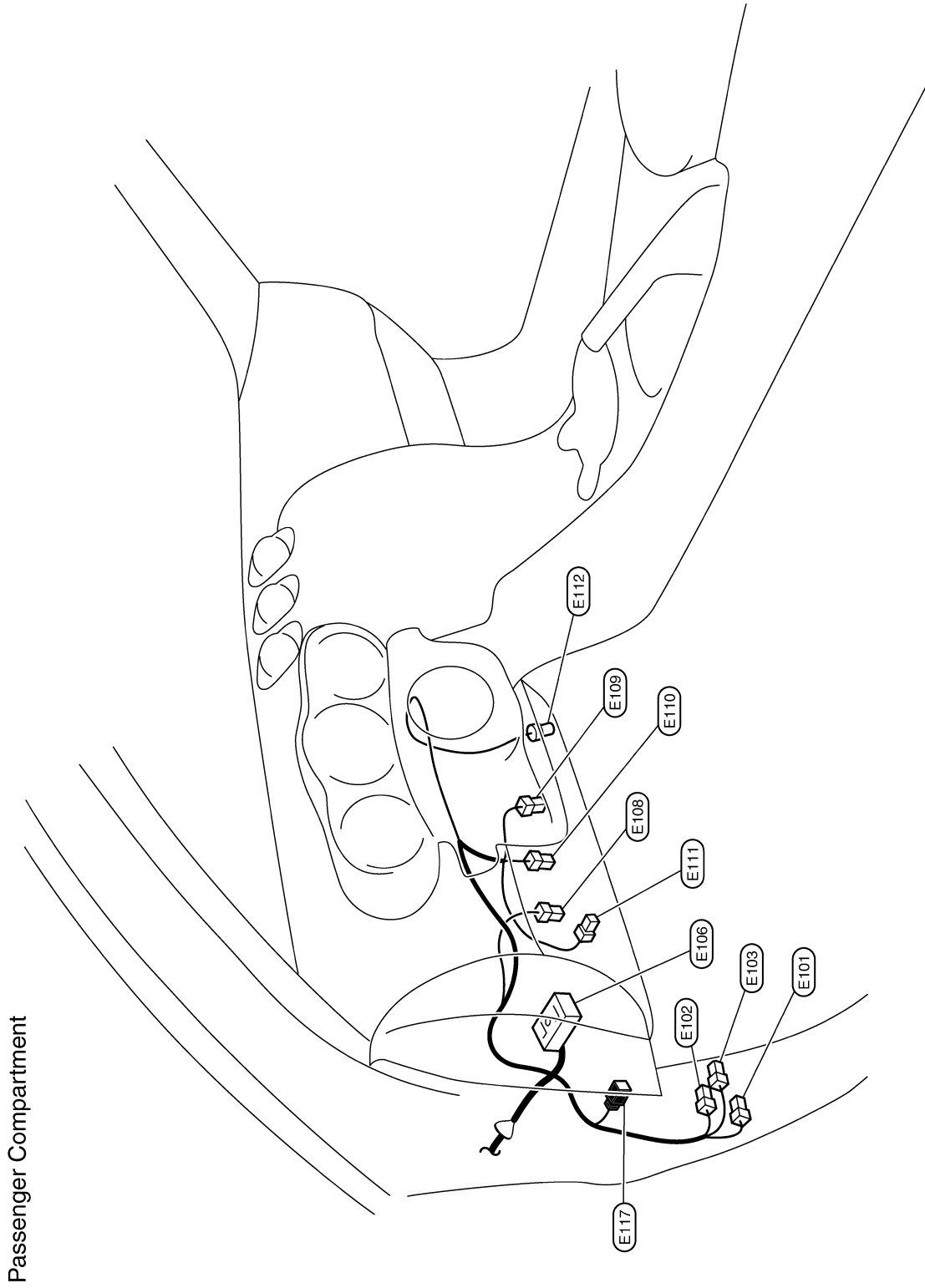
JCMIM0837GB

HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT



Passenger Compartment

2009/07/10

JCMIM0638GB

HARNES LAYOUT

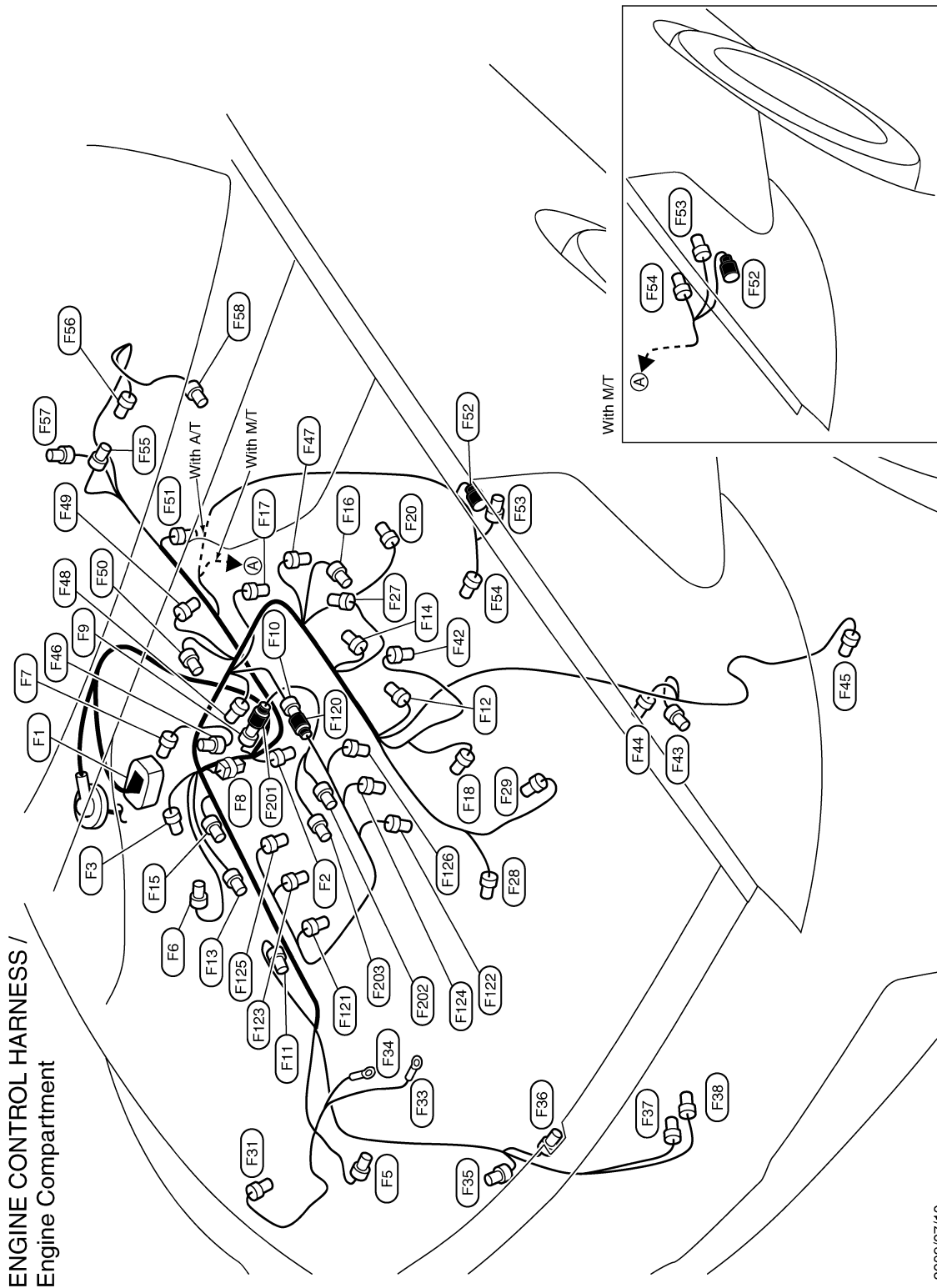
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Engine Control Harness

INFOID:000000005550207

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS /
Engine Compartment

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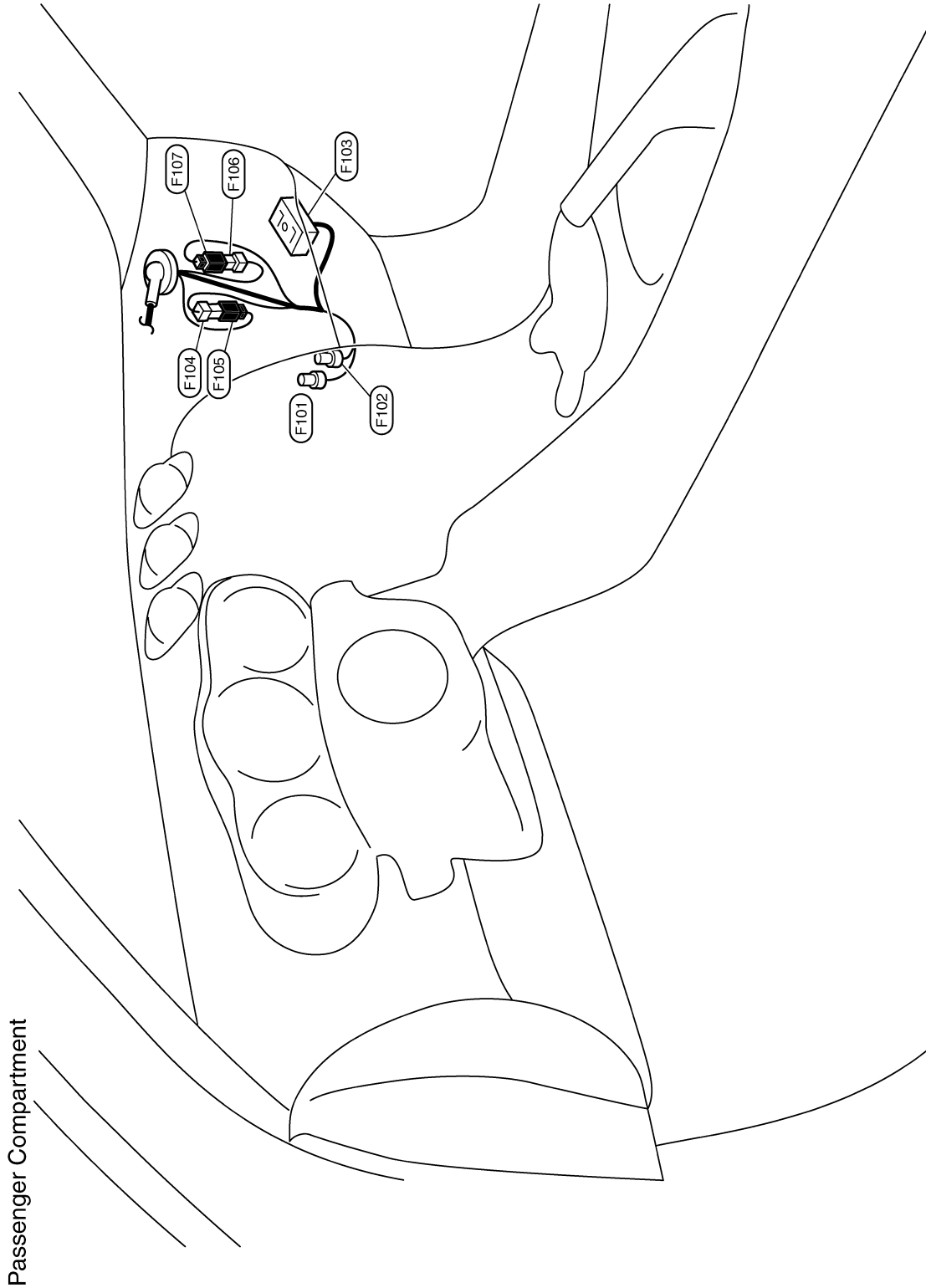
JCMIM0839GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT



2009/07/10

JCMIM0840GB

HARNESS LAYOUT

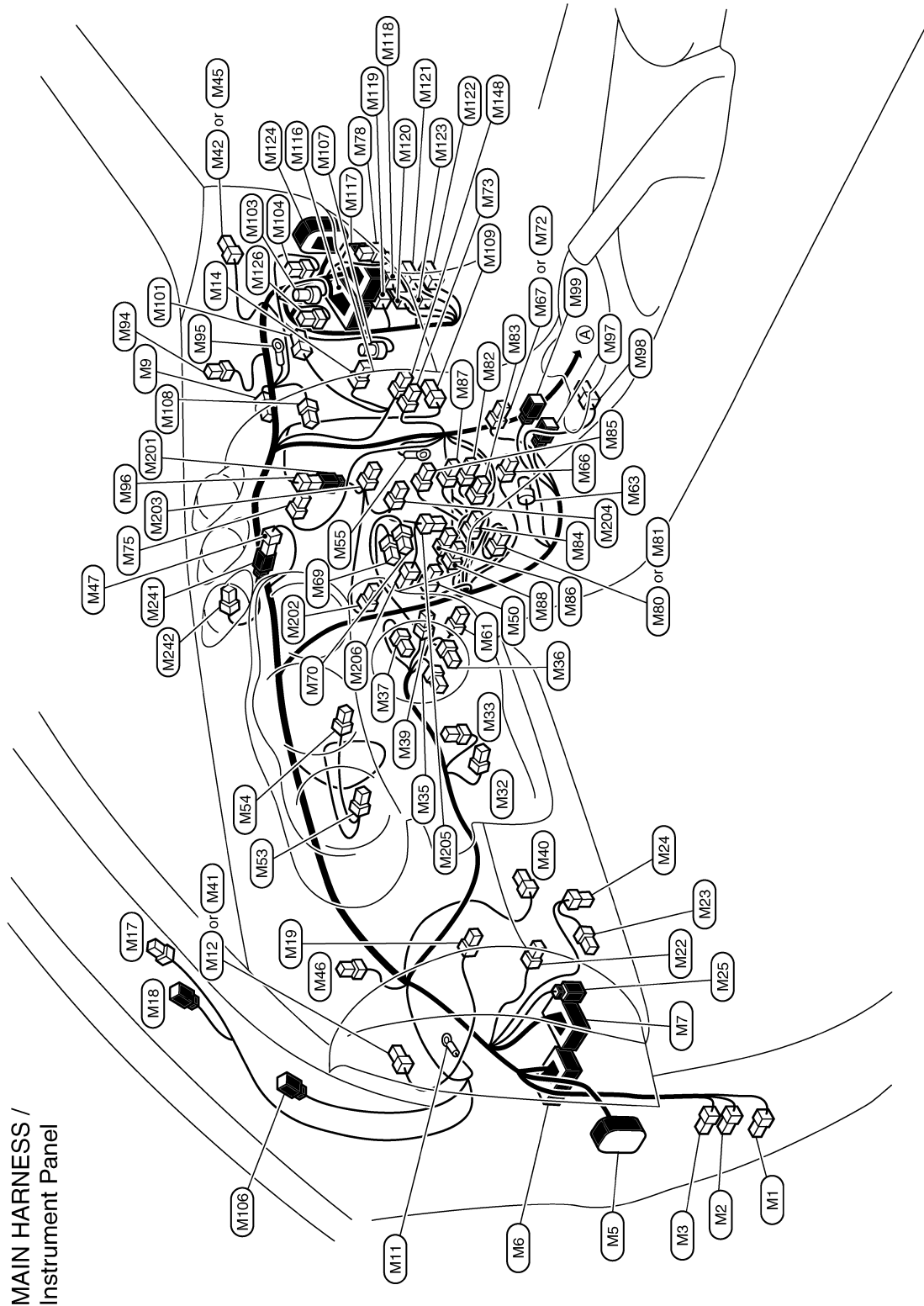
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Main Harness

INFOID:000000005550205

INSTRUMENT PANEL



MAIN HARNESS /
Instrument Panel

2009/07/10

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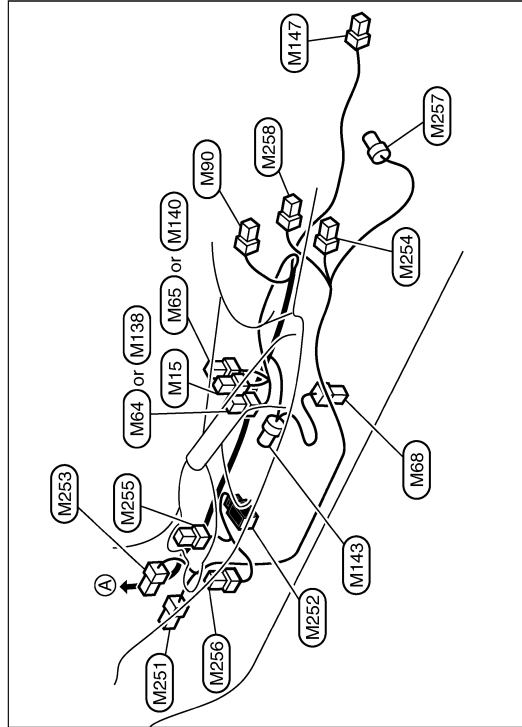
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

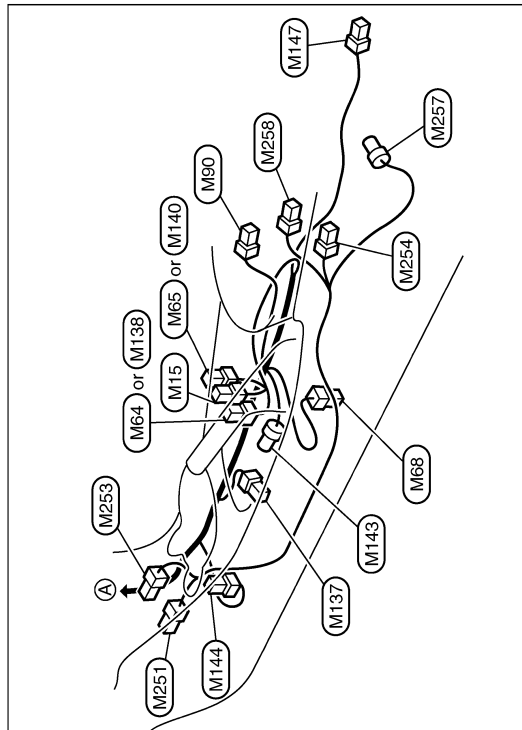
[POWER SUPPLY&GROUND CIRCUIT]

FLOOR CONSOLE

With M/T



With A/T



Floor Console

Body Harness

BODY HARNESS

2009/07/10

JCMIM0842GB

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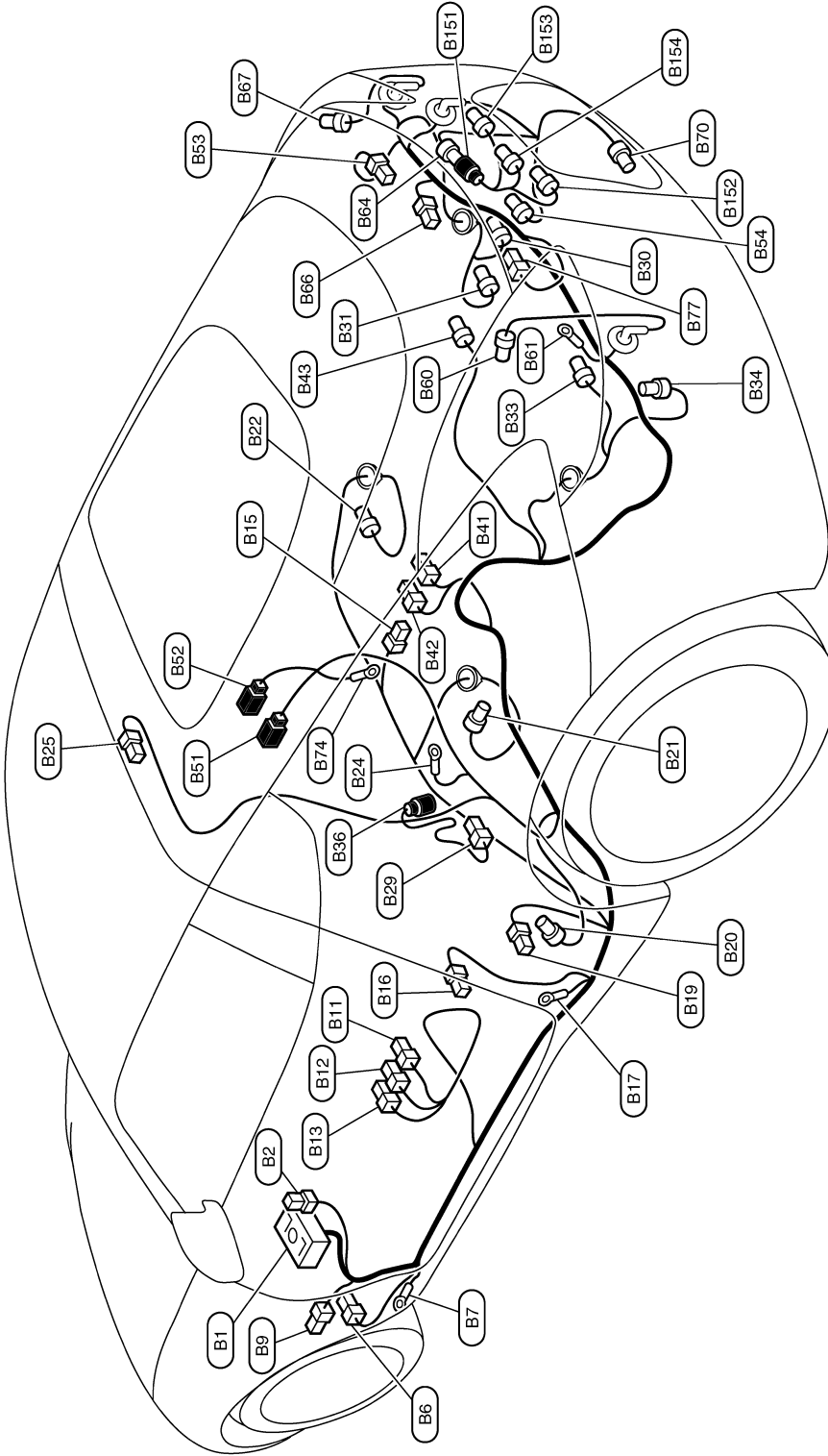
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe Models

BODY HARNESS (COUPE MODELS)



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2009/07/10

JCMIM0843GB

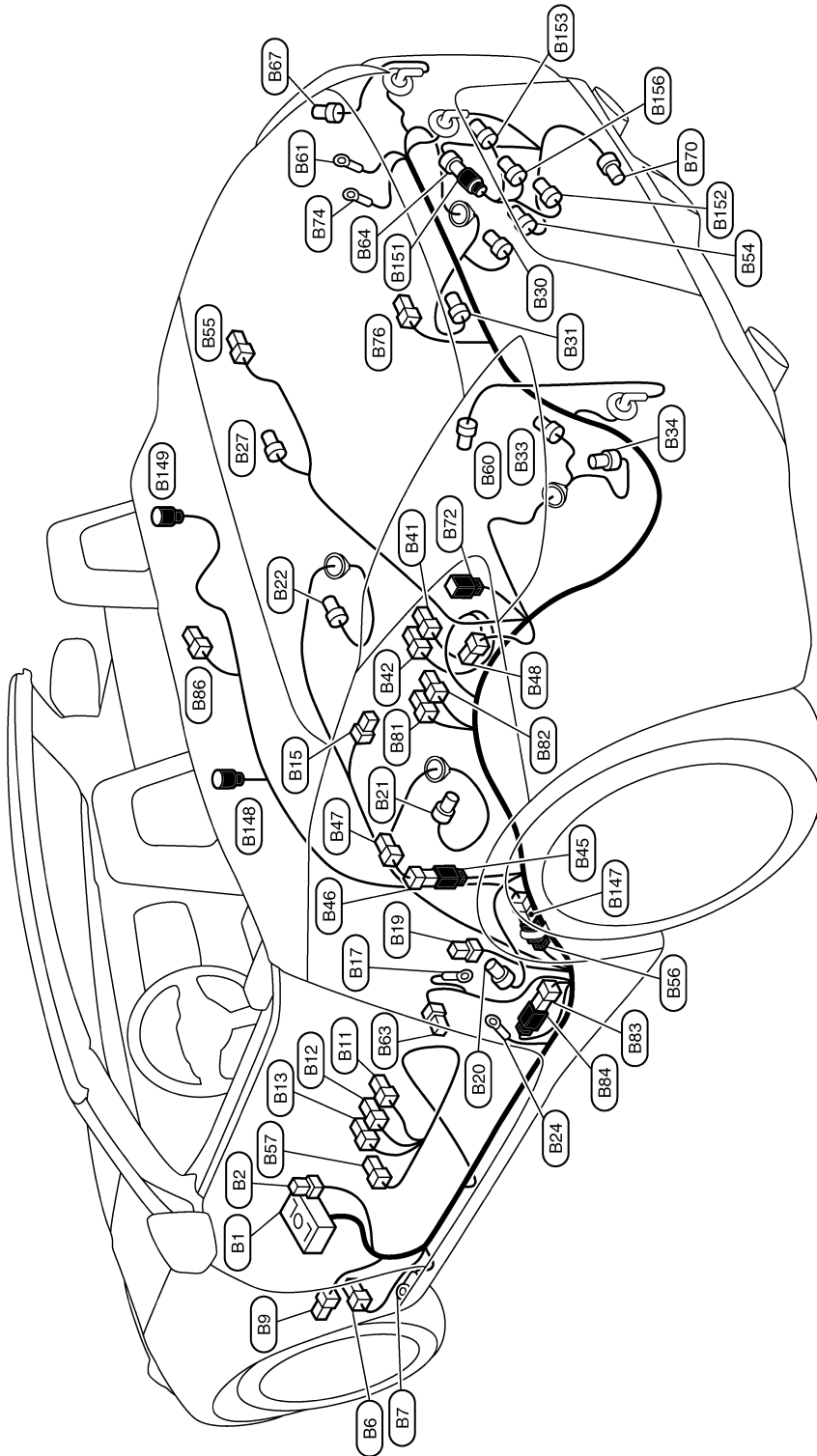
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster Models

BODY HARNESS (ROADSTER MODELS)



BODY No. 2 HARNESS

2009/07/10

JCMIM0844GB

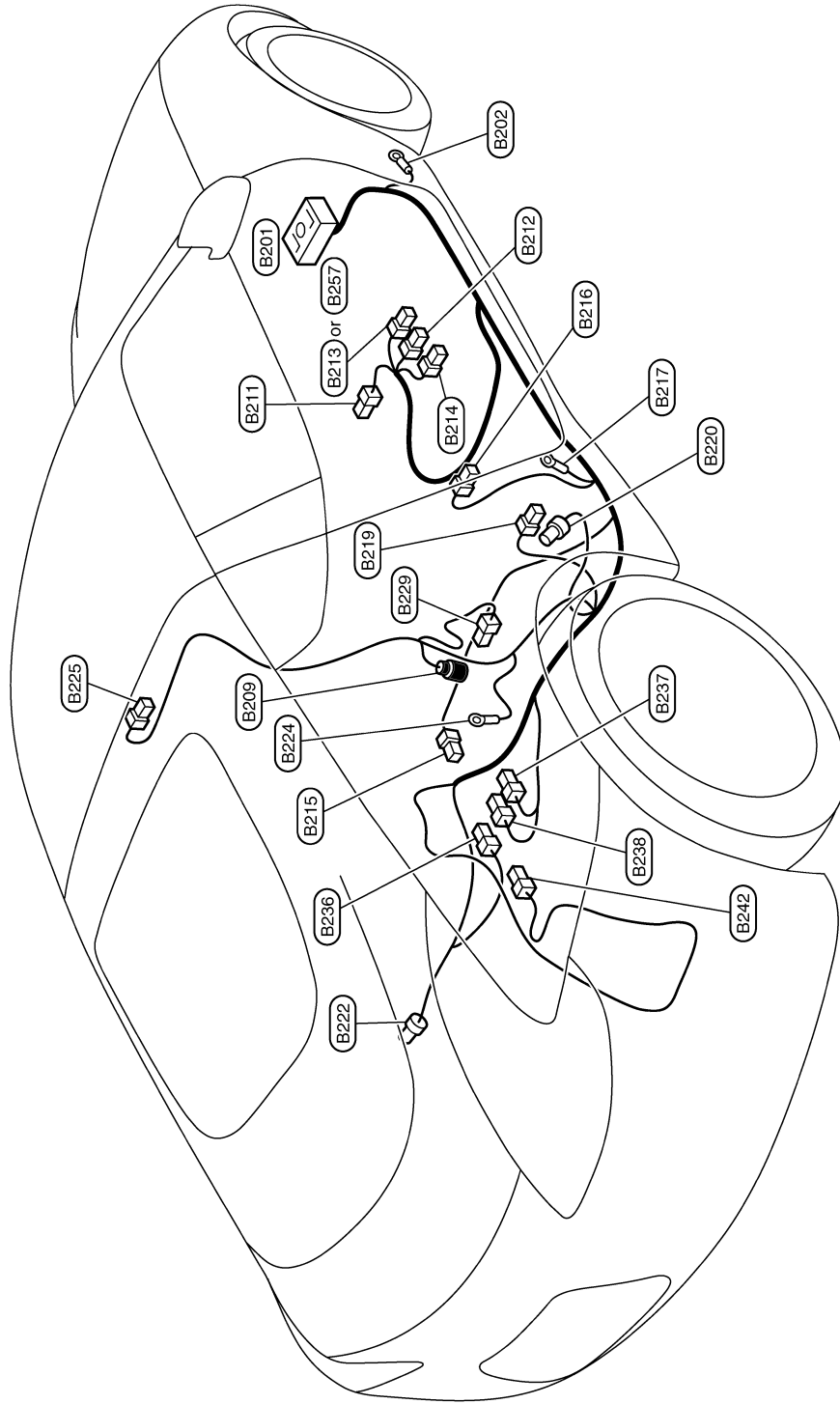
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe Models

BODY No. 2 HARNESS (COUPE MODELS)



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2009/07/10

JCMIM0845GB

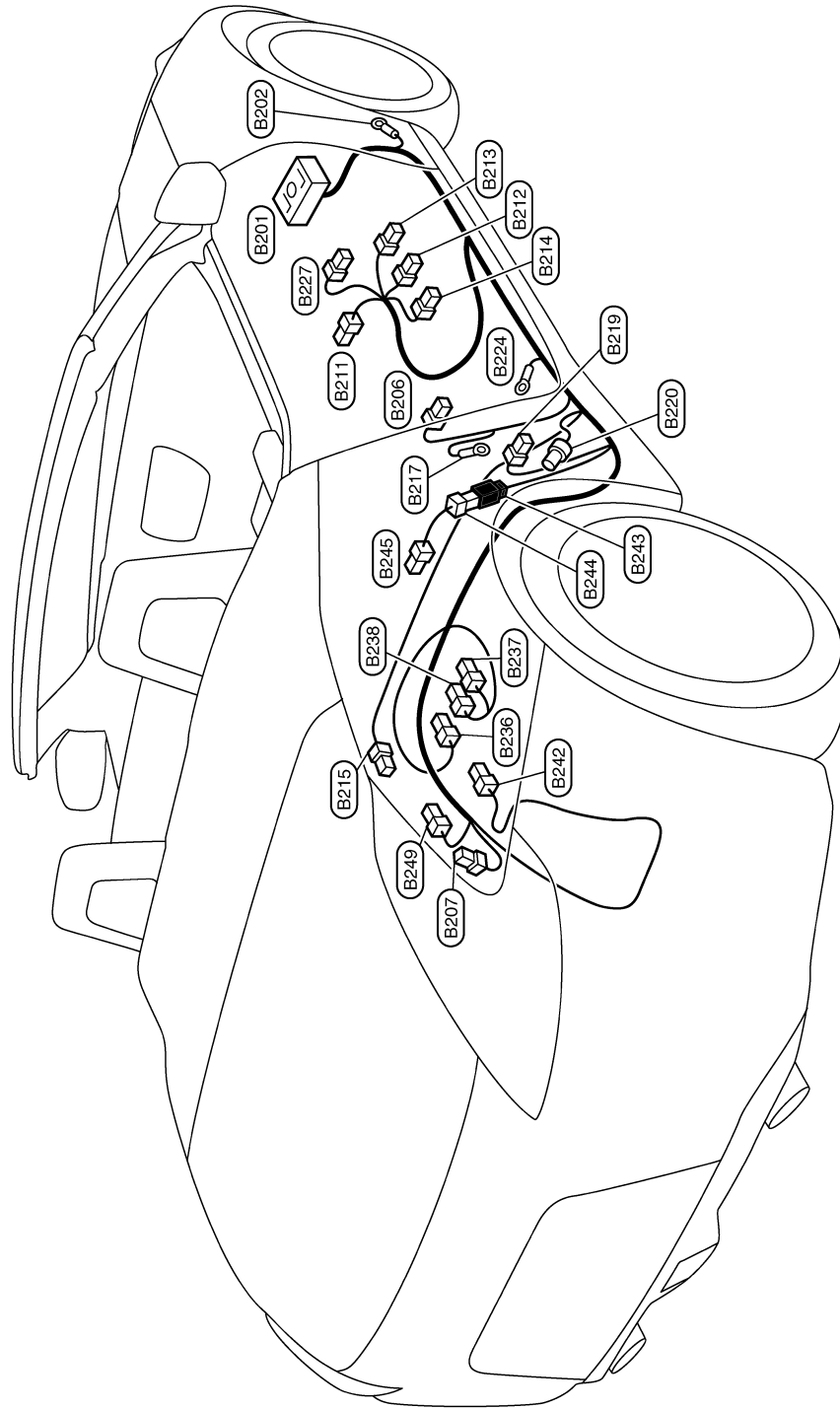
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster Models

BODY No. 2 HARNES (ROADSTER MODELS)



2009/07/10

JCMIM0846GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

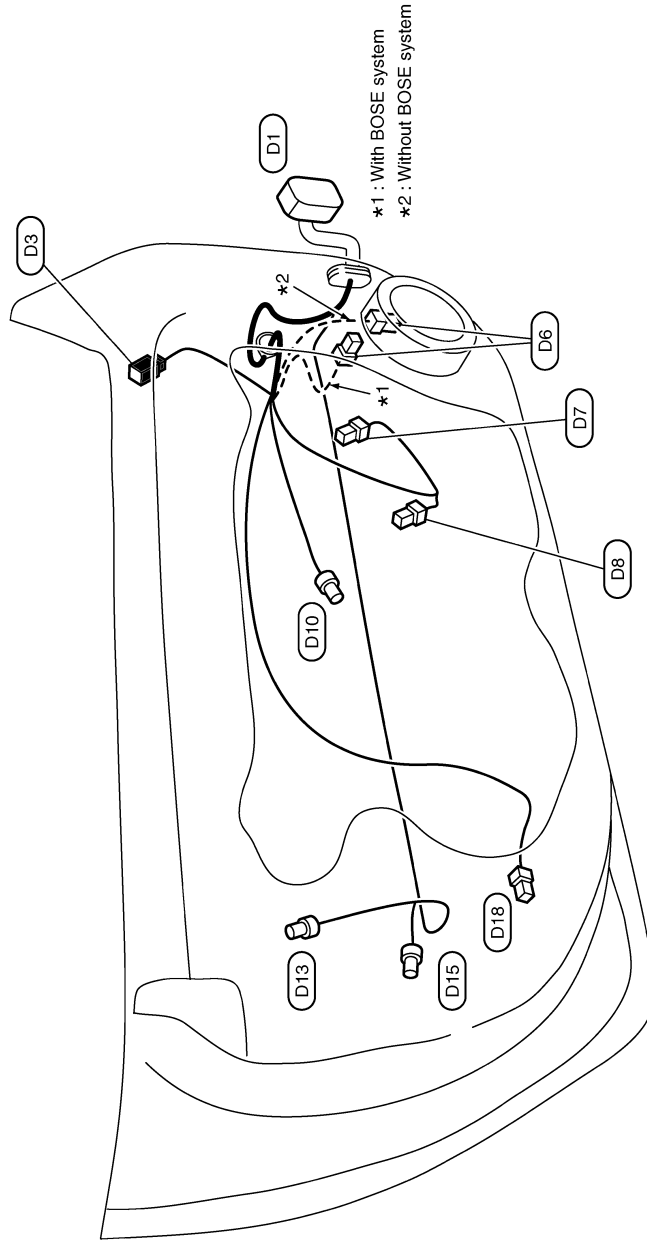
[POWER SUPPLY&GROUND CIRCUIT]

Door Harness

INFOID:000000005550211

DOOR HARNESS (DRIVER SIDE DOOR)

DOOR HARNESS (DRIVER SIDE DOOR)



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2009/07/10

JCMIM0847GB

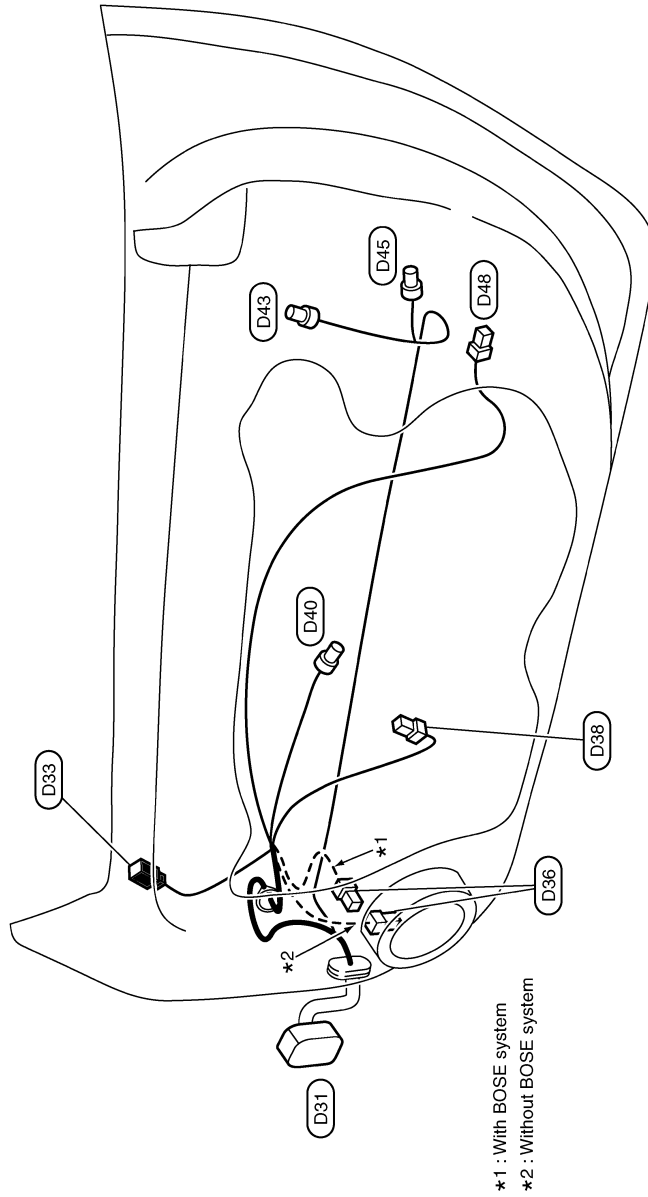
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

DOOR HARNESS (PASSENGER SIDE DOOR)

DOOR HARNESS (PASSENGER SIDE DOOR)



BACK DOOR HARNESS

2009/07/10

JCMIM0848GB

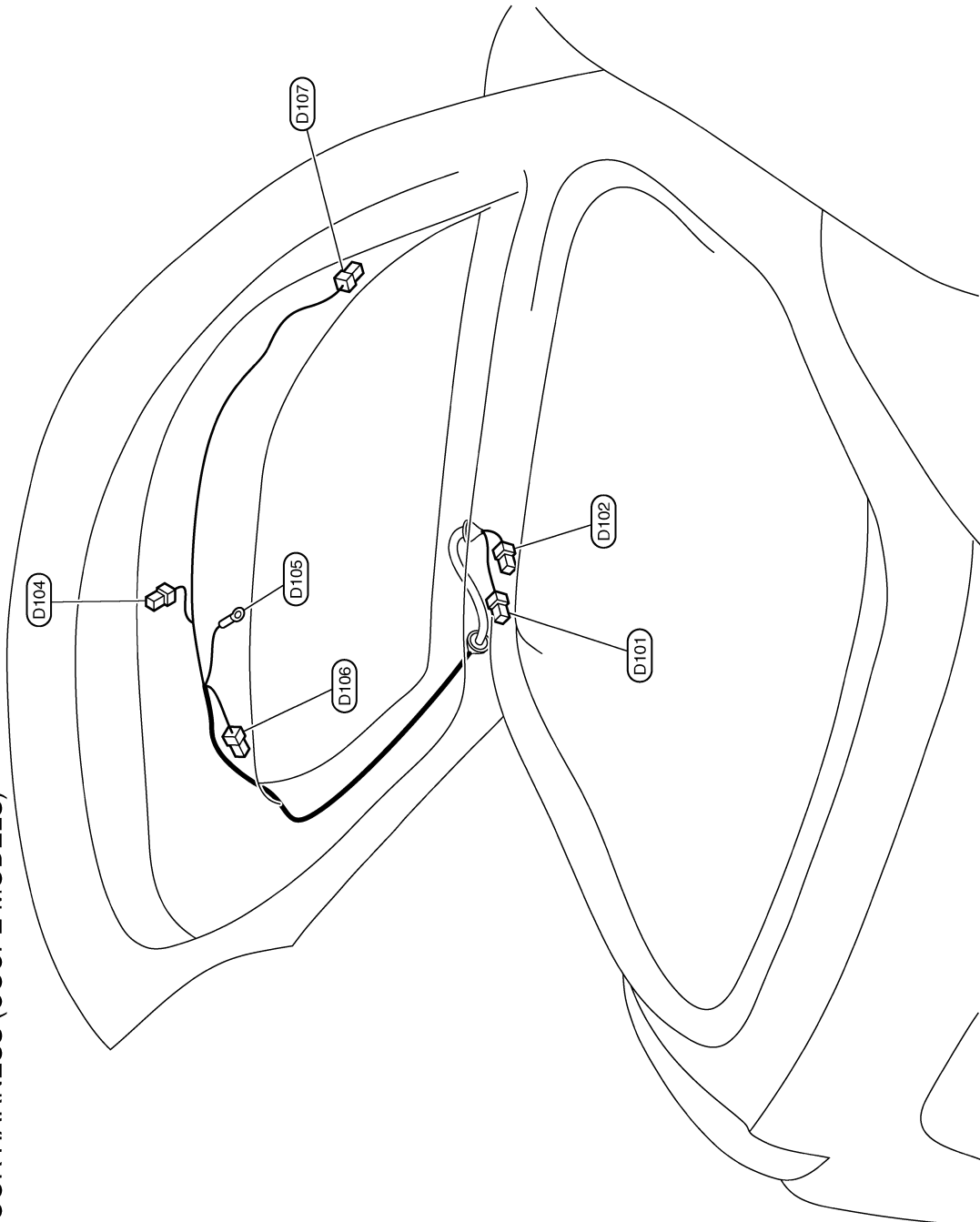
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe Models

BACK DOOR HARNES (COUPE MODELS)



2009/07/10

JCMIM0849GB

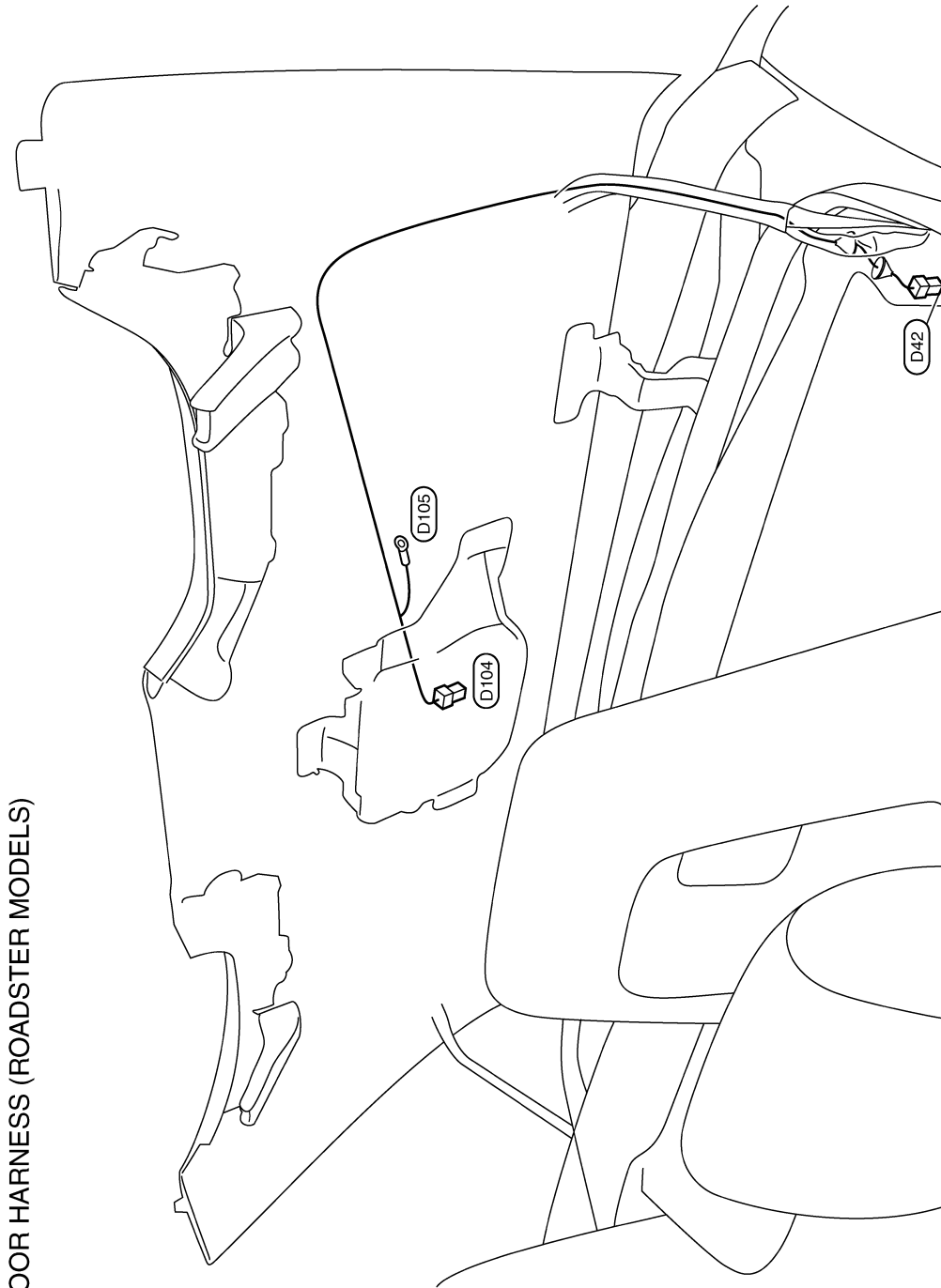
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HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster Models



BACK DOOR HARNES (ROADSTER MODELS)

2009/07/10

JCMIM0850GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

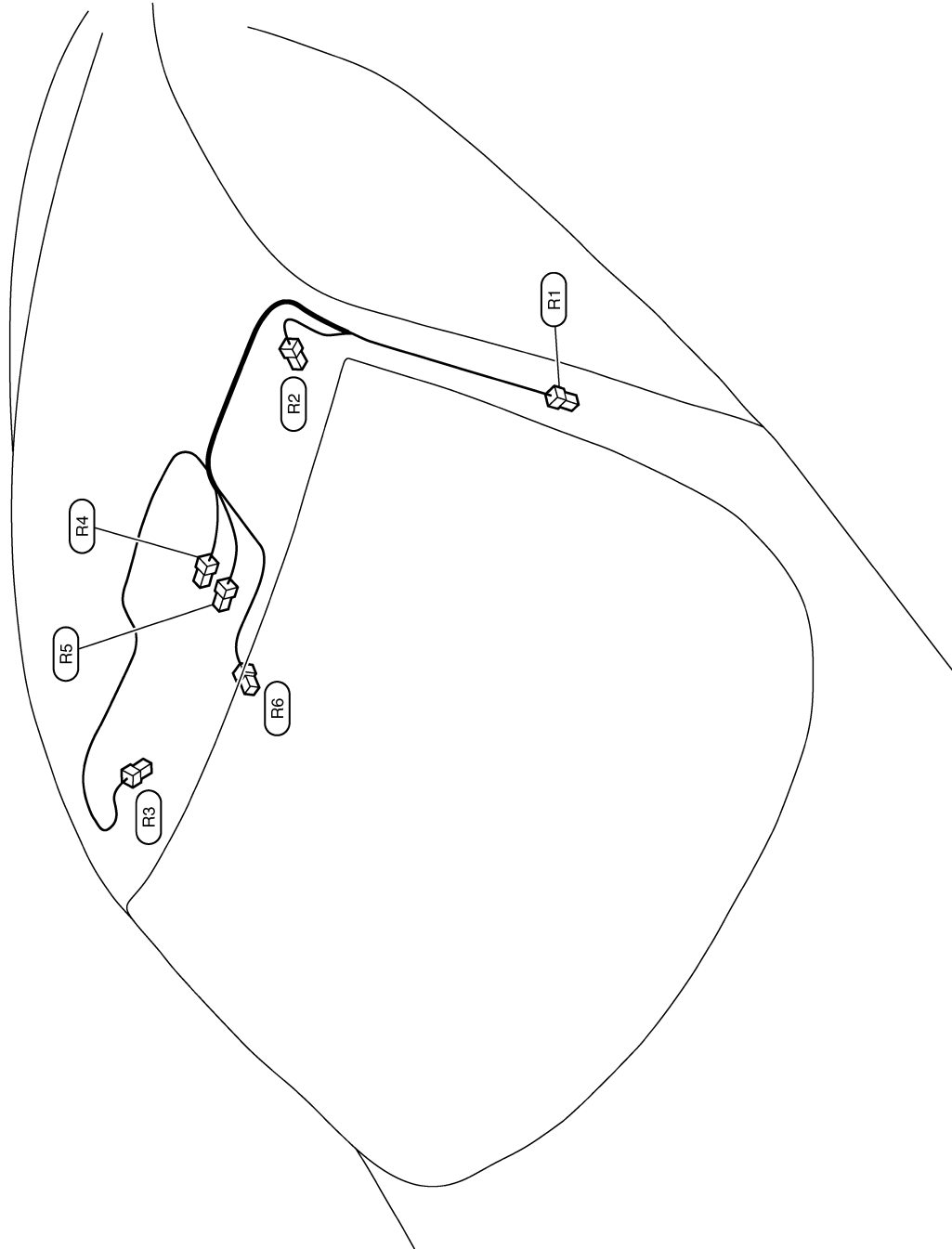
[POWER SUPPLY&GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000005550210

COUPE MODELS

ROOM LAMP HARNESS (COUPE MODELS)



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JCMIM0851GB

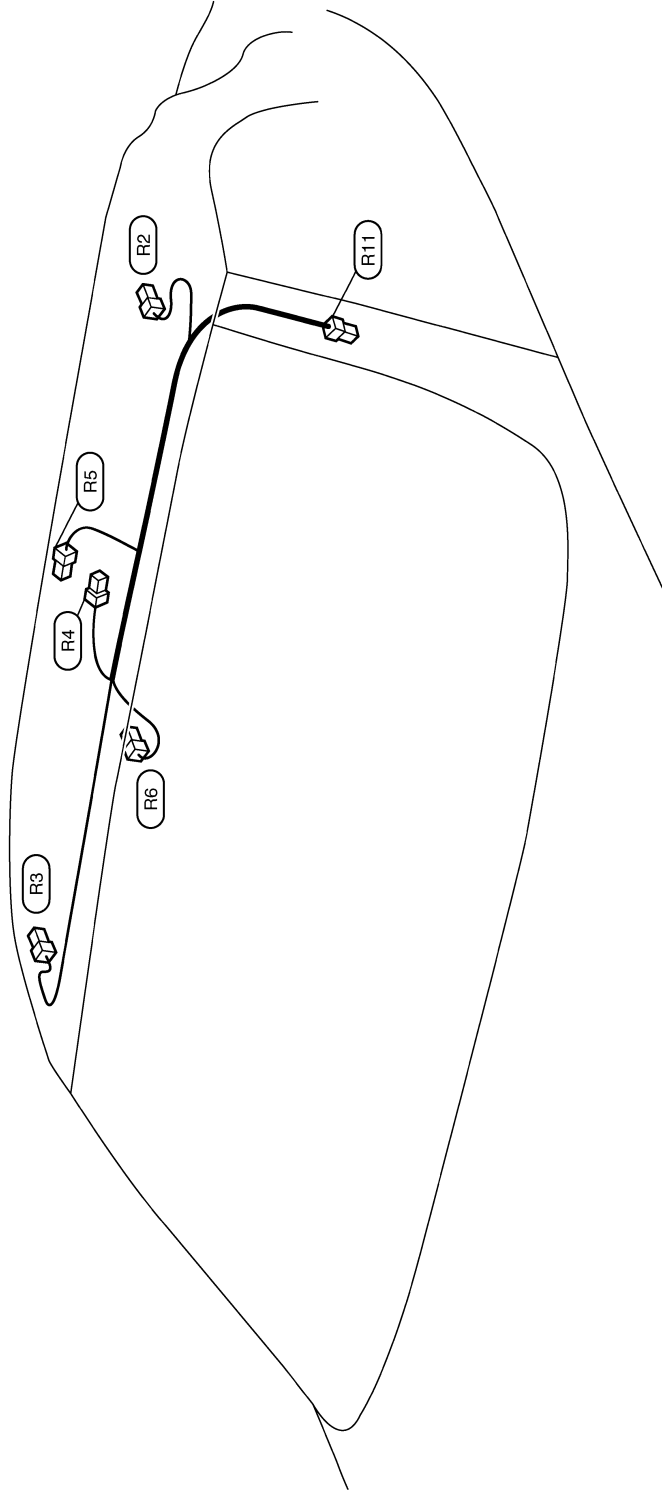
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ROADSTER MODELS

ROOM LAMP HARNES (ROADSTER MODELS)



2009/07/10

JCMIM0852GB

HARNESS CONNECTOR

Description

INFOID:000000005238107

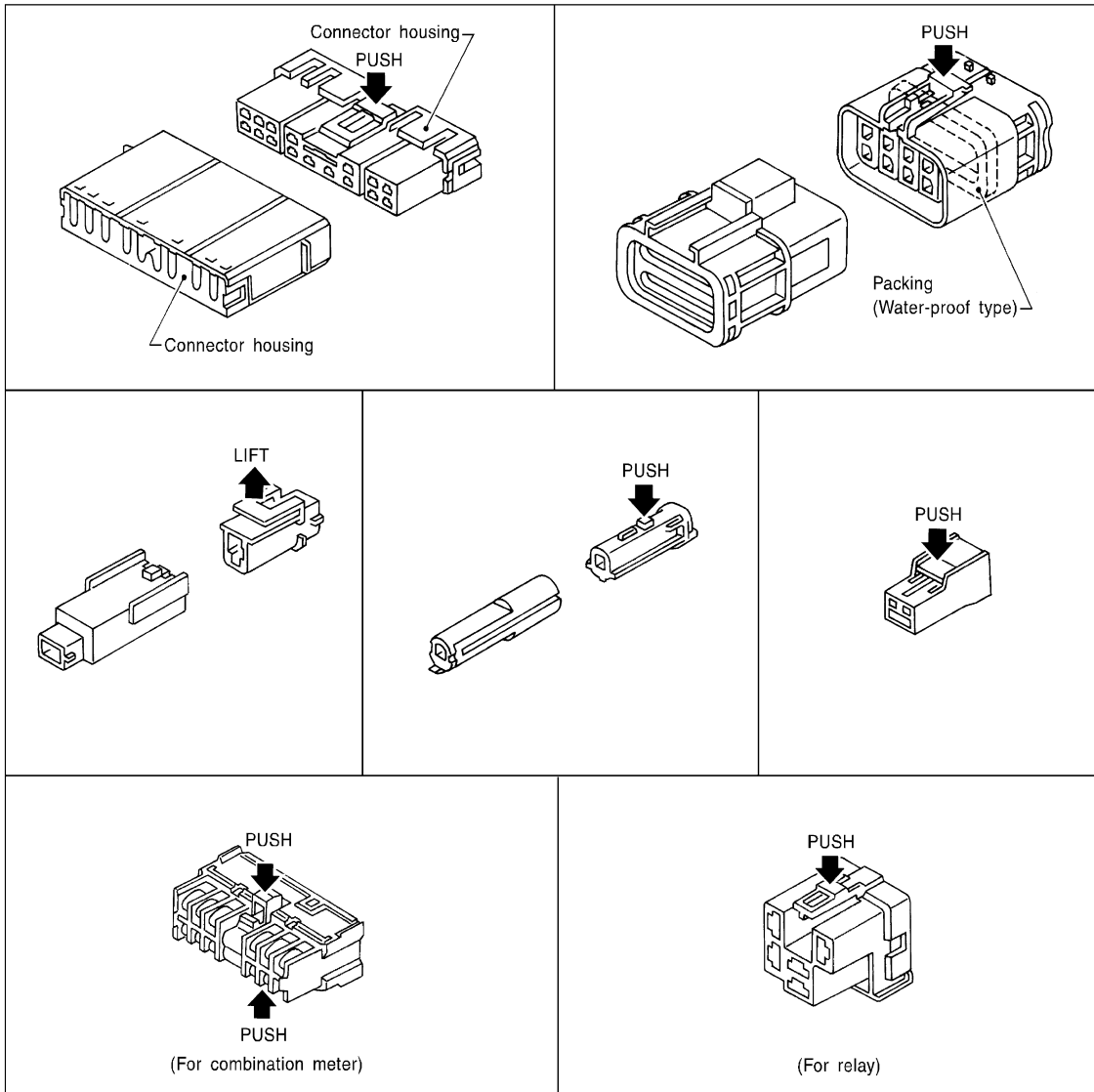
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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.

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HARNESS CONNECTOR

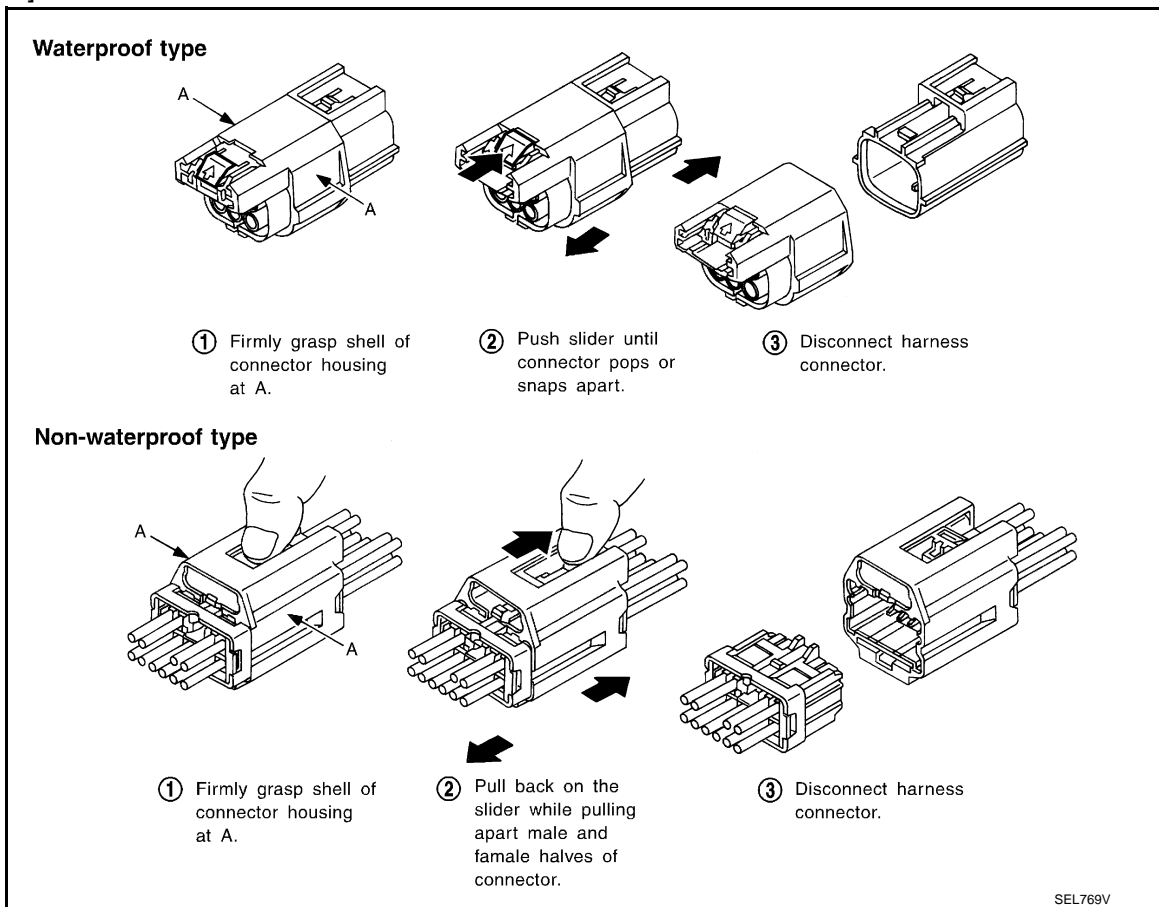
< DTC/CIRCUIT DIAGNOSIS >

[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.

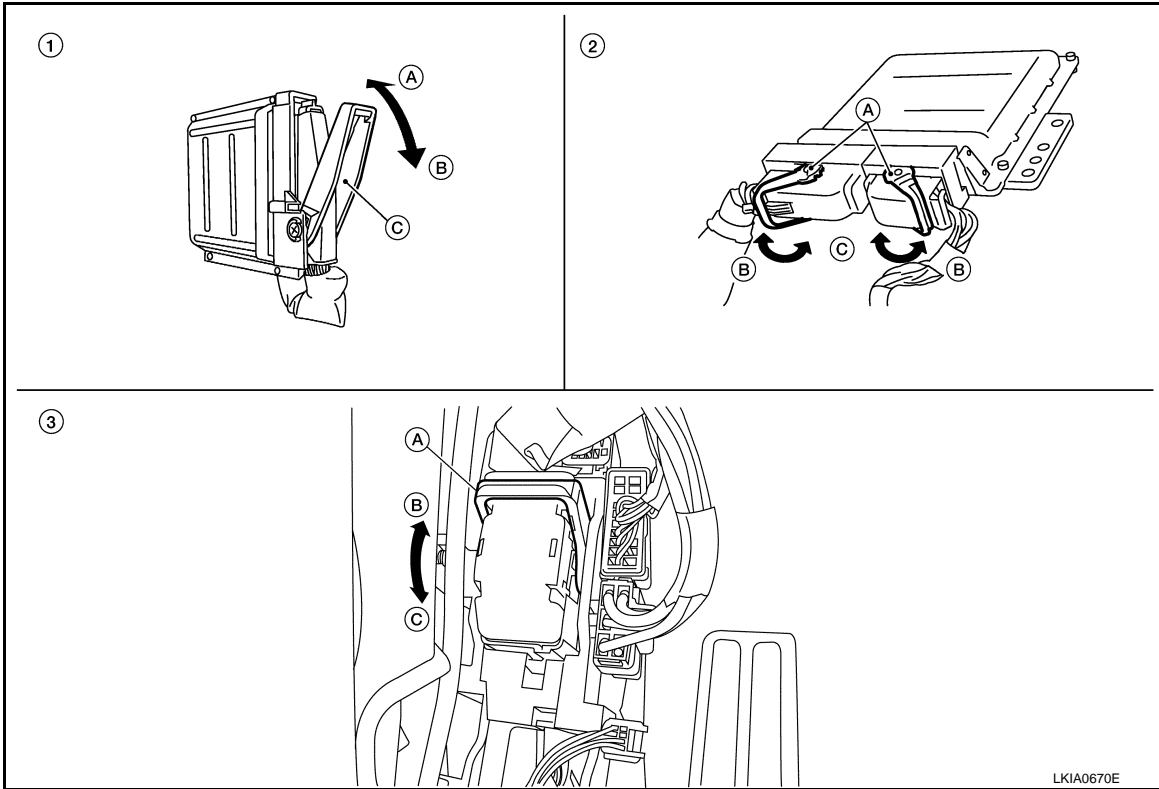
CAUTION:

HARNESS 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

LKIA0670E

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STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

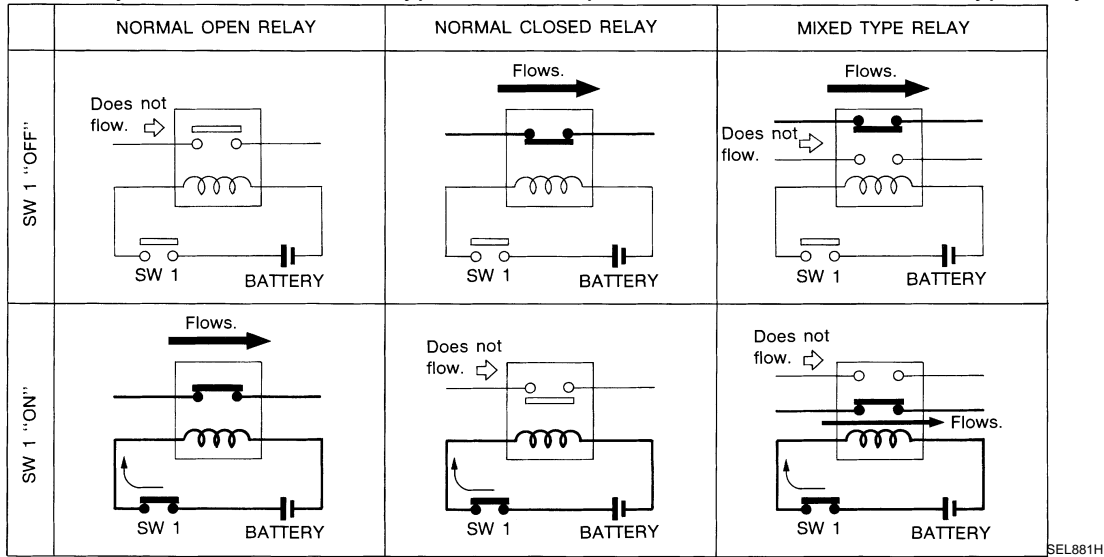
STANDARDIZED RELAY

Description

INFOID:000000005238108

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

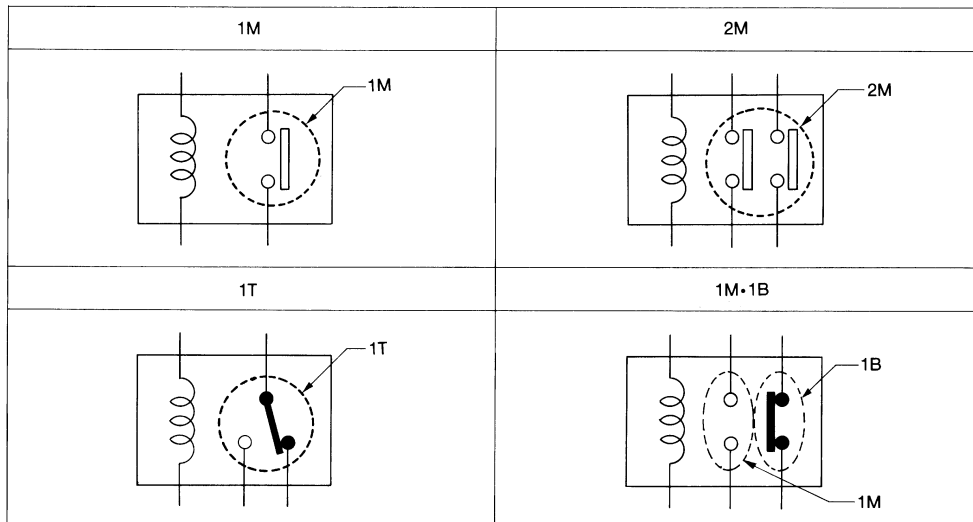
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

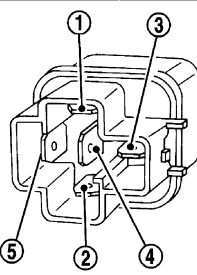
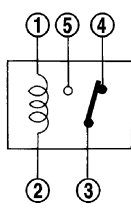
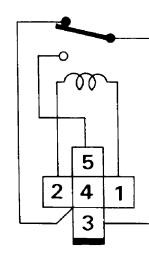
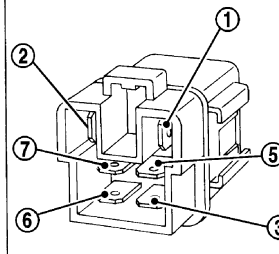
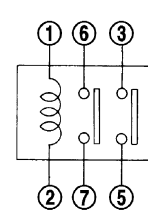
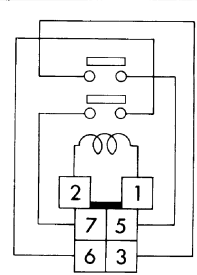
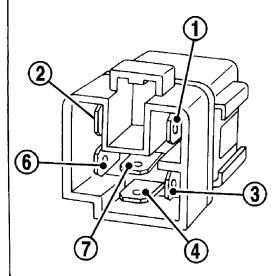
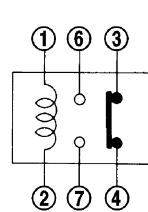
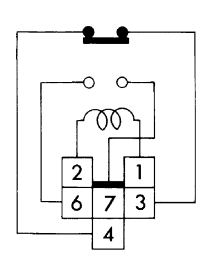
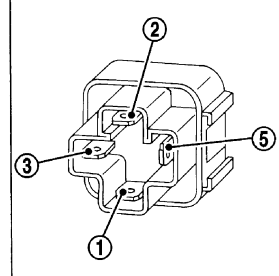
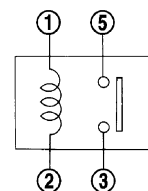
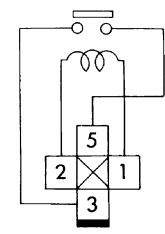
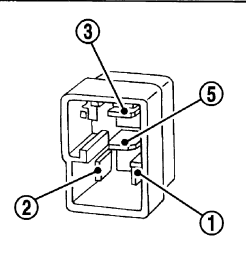
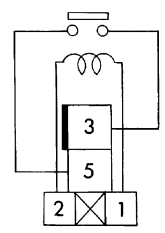


SEL882H

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

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FUSE BLOCK - JUNCTION BOX (J/B)

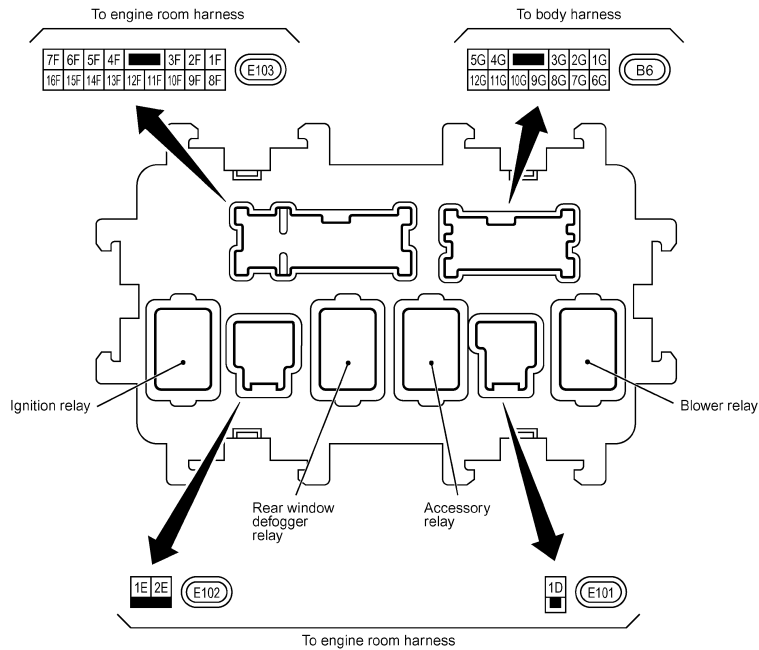
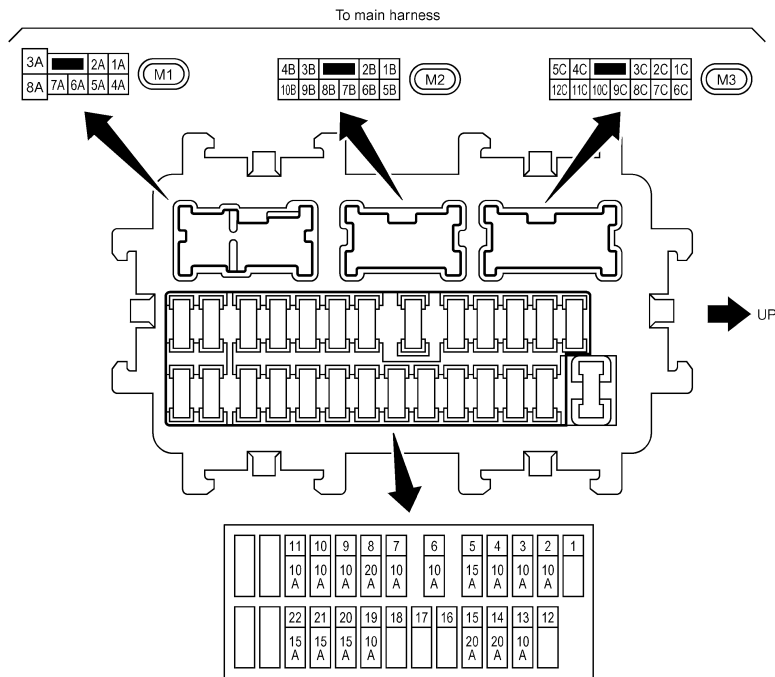
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000005238109



2008/09/12

JCMWA3314GB

FUSE, FUSIBLE LINK AND RELAY BOX

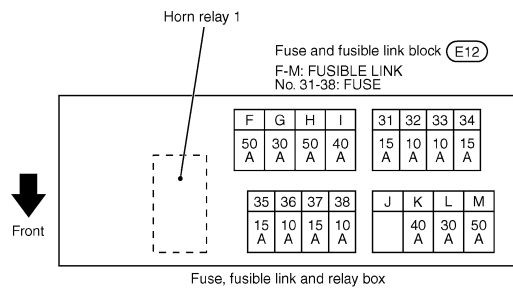
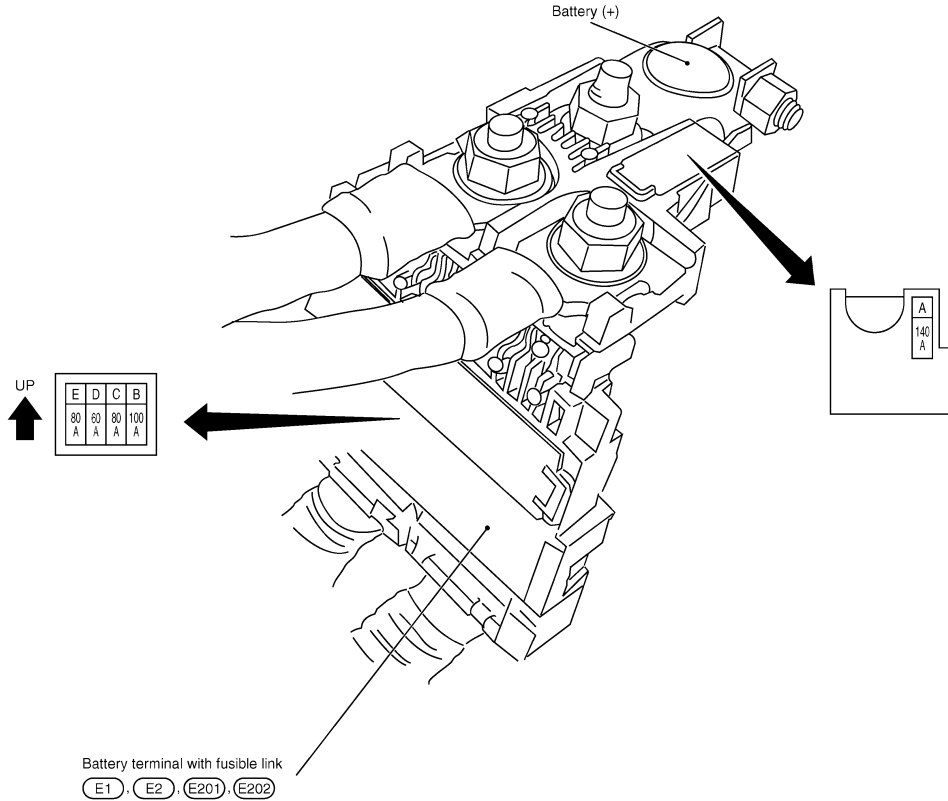
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000005238110



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JCMWM4856GB

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IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

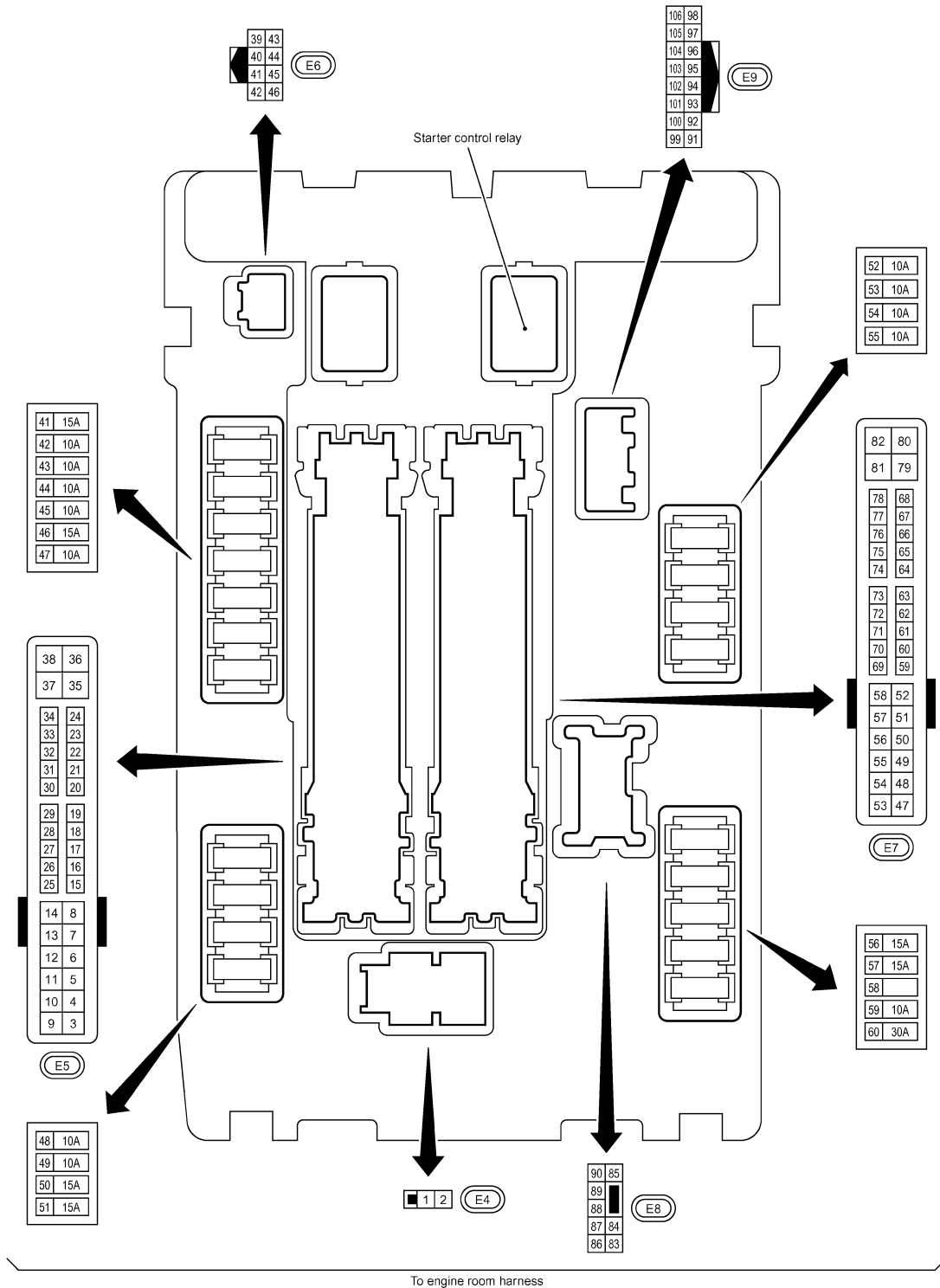
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

INFOID:000000005238111



2008/09/12

JCMWA3316GB

< PRECAUTION >

PRECAUTION

PRECAUTIONS
FOR USA AND CANADA

FOR USA AND CANADA : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000005238112

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.

FOR USA AND CANADA : Precaution for Battery Service

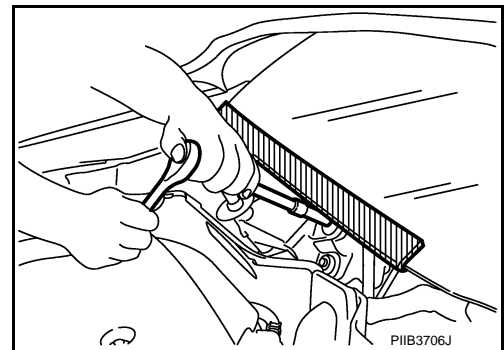
INFOID:000000005238113

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.

FOR USA AND CANADA : Precaution for Procedure without Cowl Top Cover

INFOID:000000005238114

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc.



FOR MEXICO

FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and

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PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY&GROUND CIRCUIT]

"SEAT BELT PRE-TENSIONER"

INFOID:000000005532991

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. 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.

FOR MEXICO : Precaution for Battery Service

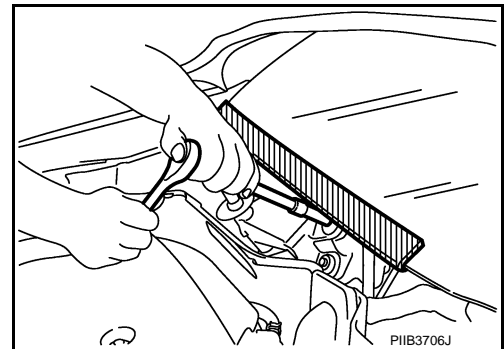
INFOID:000000005532991

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.

FOR MEXICO : Precaution for Procedure without Cowl Top Cover

INFOID:000000005532992

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc.



PREPARATION

[POWER SUPPLY&GROUND CIRCUIT]

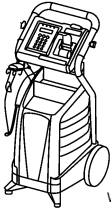
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000005238115

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>

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BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY&GROUND CIRCUIT]

REMOVAL AND INSTALLATION

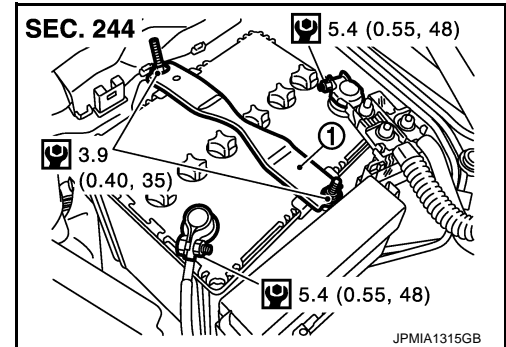
BATTERY

Exploded View

INFOID:000000005238116

1 : Battery fix frame

Refer to [GI-4, "Components"](#) for symbols in the figure.



Removal and Installation

INFOID:000000005238117

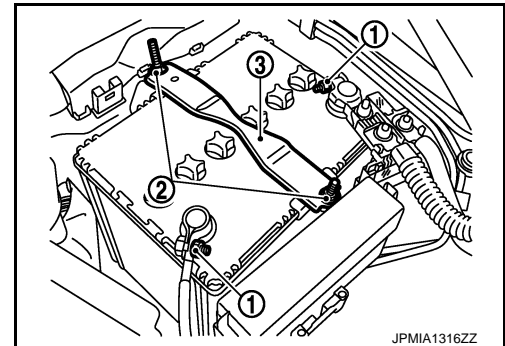
REMOVAL

1. Remove battery cover.
2. Remove cowl top cover RH. Refer to [EXT-22, "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.

Reset electronic systems as necessary. Refer to [GI-53, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

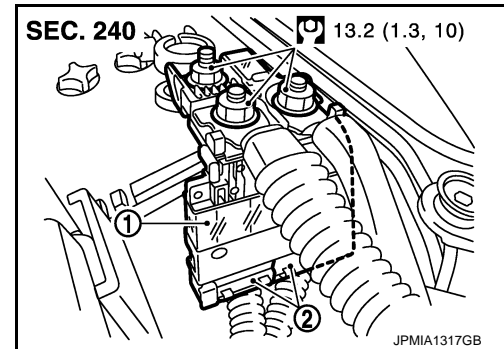
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000005238118

- 1 : Battery terminal with fusible link
 - 2 : Harness connector
- Refer to [GI-4. "Components"](#) for symbols in the figure.

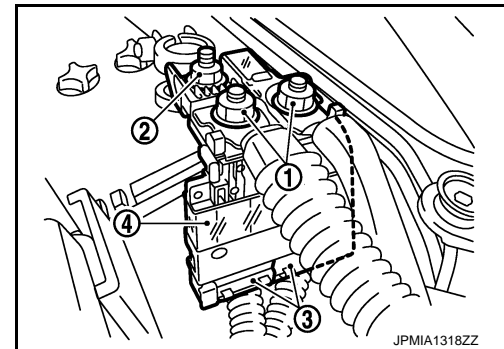


Removal and Installation

INFOID:000000005238119

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) and battery terminal with fusible link mounting nut (2).
5. Disconnect harness connector (3) and remove battery terminal with fusible link (4).



INSTALLATION

Install in the reverse order of removal.

A
B
C
D
E
F
G
H
I
J
K
L

PG

N
O
P

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:000000005238120

Type		80D23L
20 hour rate capacity	[V - Ah]	12 - 62
Cold cranking current (For reference value)	[A]	582