

PG

SECTION

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

CONTENTS

POWER SUPPLY&GROUND CIRCUIT		
BASIC INSPECTION	3	
BATTERY	3	
How to Handle Battery	3	
Work Flow	3	
DTC/CIRCUIT DIAGNOSIS	6	
POWER SUPPLY ROUTING CIRCUIT	6	
Wiring Diagram - BATTERY POWER SUPPLY -	6	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 6 -	27	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 9 -	28	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 34 -	29	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 50 -	30	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 53 -	31	
Wiring Diagram - ACCESSORY POWER SUPPLY -	33	
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -	38	
Wiring Diagram - IGNITION POWER SUPPLY -	39	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 3 -	56	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 4 -	57	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 13 -	58	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 44 -	59	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 45 -	60	
Fuse	61	
Fusible Link	64	
Circuit Breaker	64	
GROUND DISTRIBUTION	65	
Engine Room Harness	65	
Engine Control Harness	67	
Main Harness	68	
Body Harness	73	
HARNESS LAYOUT	76	
Outline	76	
Engine Room Harness	78	
Engine Control Harness	80	
Main Harness	82	
Body Harness	82	
Door Harness	87	
Room Lamp Harness	91	
HARNESS CONNECTOR	93	
Description	93	
STANDARDIZED RELAY	96	
Description	96	
FUSE BLOCK - JUNCTION BOX (J/B)	98	
Fuse, Connector and Terminal Arrangement	98	
FUSE, FUSIBLE LINK AND RELAY BOX	99	
Fuse and Fusible Link Arrangement	99	
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	100	
Fuse, Connector and Terminal Arrangement	100	
PRECAUTION	101	
PRECAUTIONS	101	
EXCEPT FOR MEXICO	101	
EXCEPT FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	101	
EXCEPT FOR MEXICO : Precaution for Battery Service	101	

EXCEPT FOR MEXICO : Precaution for Procedure without Cowl Top Cover	101
EXCEPT FOR MEXICO : Precautions For Xenon Headlamp Service	102
EXCEPT FOR MEXICO : Precautions for Removing Battery Terminal	102
FOR MEXICO	102
FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	102
FOR MEXICO : Precaution for Battery Service	103
FOR MEXICO : Precaution for Procedure without Cowl Top Cover	103
FOR MEXICO : Precautions For Xenon Headlamp Service	103
FOR MEXICO : Precautions for Removing Battery Terminal	104
PREPARATION	105

PREPARATION	105
Special Service Tools	105
REMOVAL AND INSTALLATION	106
BATTERY	106
Exploded View	106
Removal and Installation	106
BATTERY TERMINAL WITH FUSIBLE LINK..	107
Exploded View	107
Removal and Installation	107
SERVICE DATA AND SPECIFICATIONS (SDS)	108
SERVICE DATA AND SPECIFICATIONS (SDS)	108
Battery	108

BASIC INSPECTION

BATTERY

How to Handle Battery

INFOID:0000000011735897

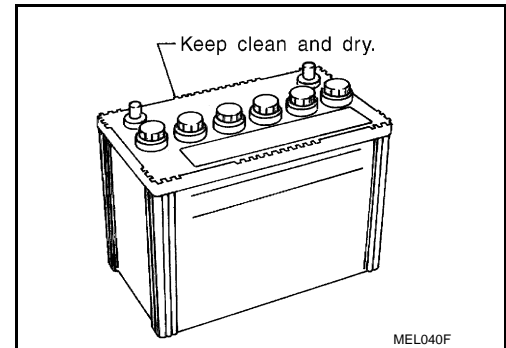
CAUTION:

- 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.

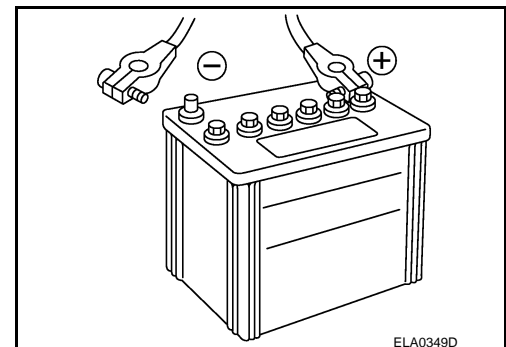
METHODS OF PREVENTING OVER-DISCHARGE

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.)



Work Flow

INFOID:0000000011735898

BATTERY DIAGNOSIS WITH EXP-800 NI OR GR8-1200 NI

To diagnose and confirm the condition of the battery, use the following special service tools:

- EXP-800 NI Battery and electrical diagnostic analyzer
- GR8-1200 NI Multitasking battery and electrical diagnostic station

NOTE:

Refer to the applicable instruction manual for proper battery diagnosis procedures.

BATTERY DIAGNOSIS WITHOUT EXP-800 NI OR GR8-1200 NI

Check Electrolyte Level

WARNING:

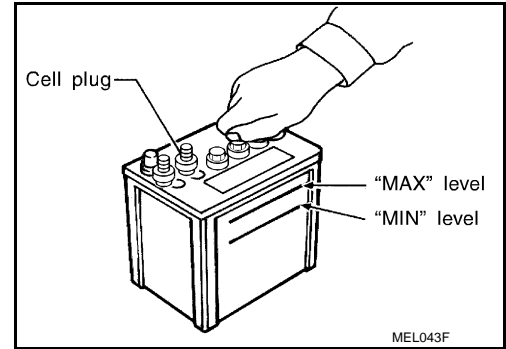
Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.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

BATTERY

< BASIC INSPECTION >

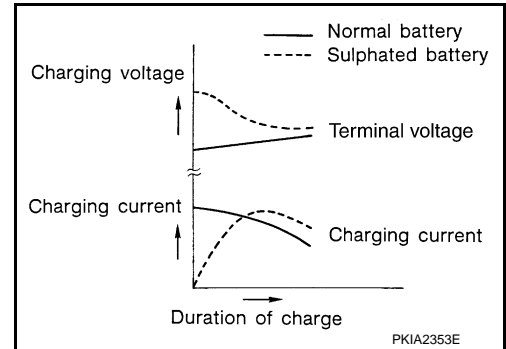
[POWER SUPPLY & GROUND CIRCUIT]

- 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.



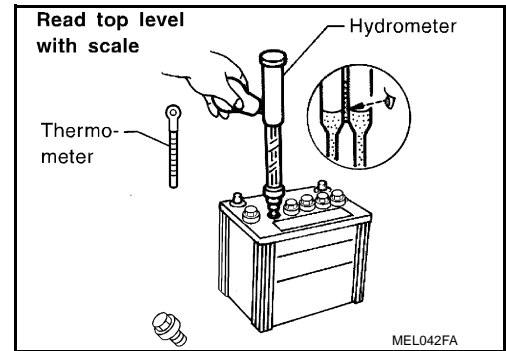
Specific Gravity Check

NOTE:

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.

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

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
4 (40)	-0.016
-1 (30)	-0.020
-7 (20)	-0.024
-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 (Standard Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	5	2
3/4 charged		2.5
1/2 charged		5
1/4 charged		7.5
Almost discharged		9
Completely discharged		10

Charging Rates (Quick Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	—	—
3/4 charged	13	0.5
1/2 charged	26	
1/4 charged		
Almost discharged		
Completely discharged	—	—

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.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

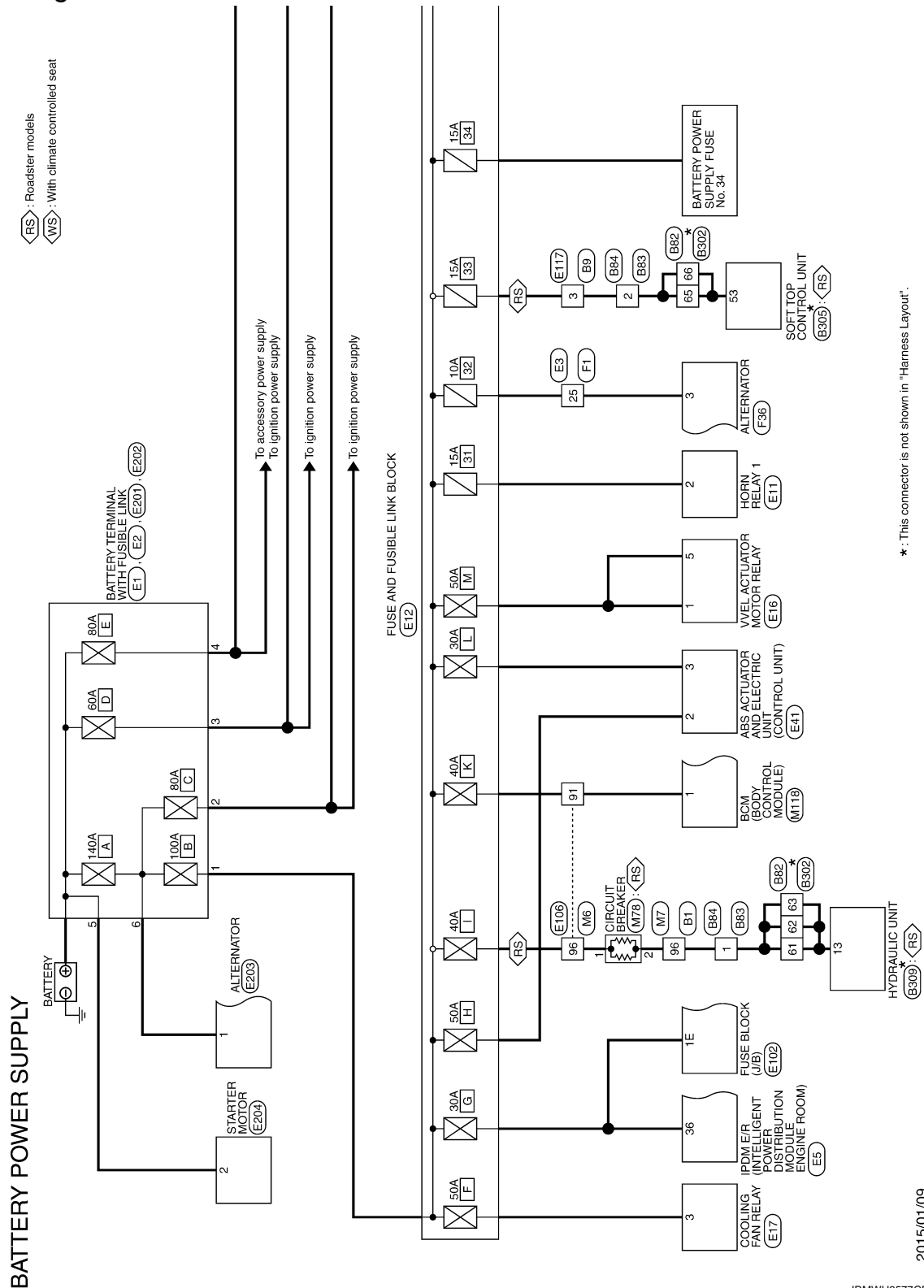
[POWER SUPPLY&GROUND CIRCUIT]

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:0000000011735899



2015/01/09

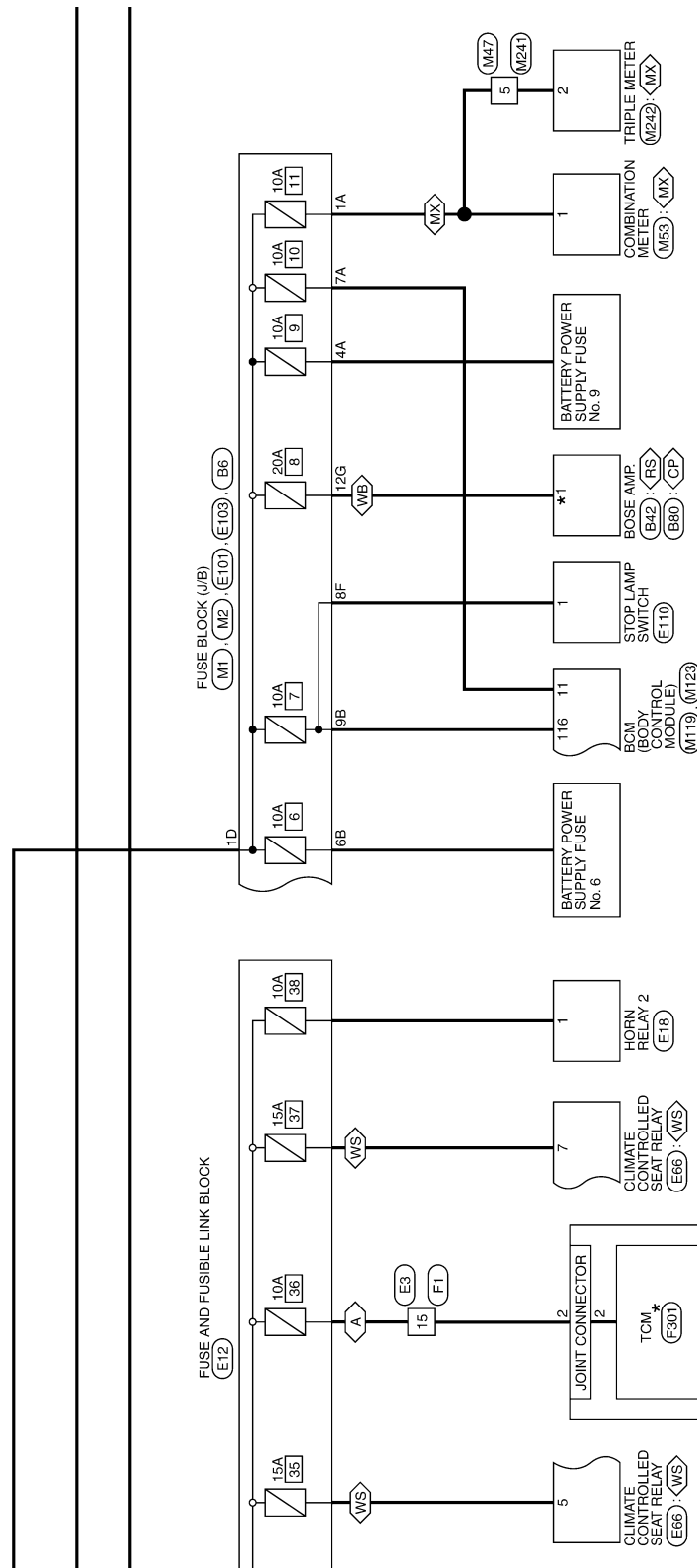
JRMWH3577GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

★1 11 : RS : With A/T
36 : CP : With BOSE system
MX : For Mexico
CP : Coupe models

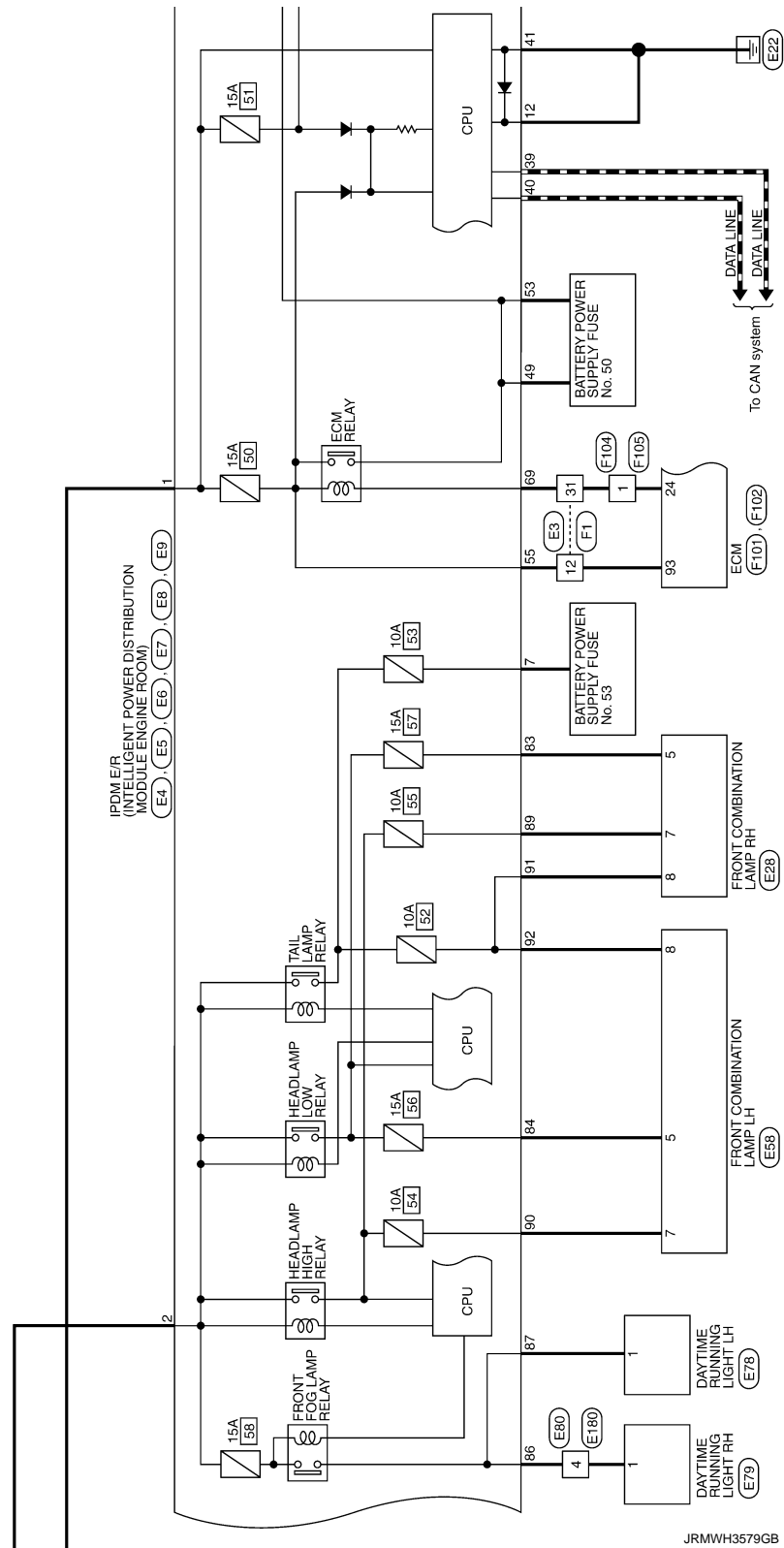


A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

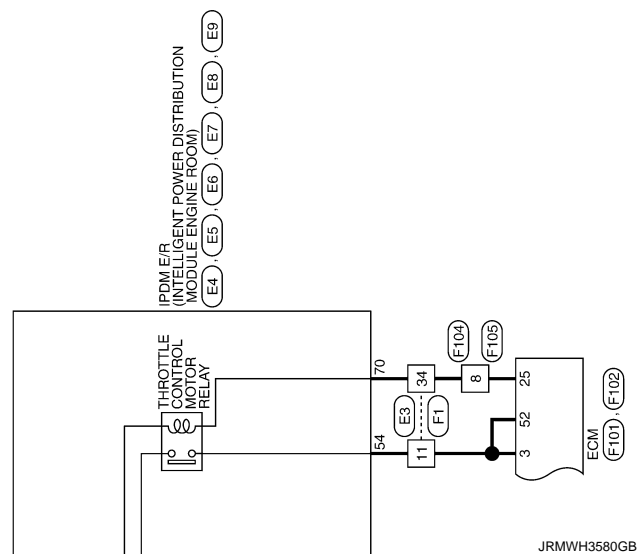
[POWER SUPPLY&GROUND CIRCUIT]



POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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

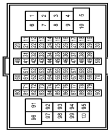
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

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

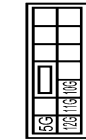


Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	BG	-
3	Y	-
4	W	-
5	V	-
6	LG	-
7	GR	-
8	B	-
9	SHIELD	-
10	SHIELD	-
11	V	-
12	W	-
13	BR	-
14	LG	-
15	B	-
16	V	-
17	R	-
18	B	-
19	SHIELD	-
20	SHIELD	-
21	G	-
22	GR	-
23	V	-
24	BG	-
25	L	-
26	P	-
27	W	-
28	SHIELD	-
29	SHIELD	-
30	SHIELD	-
31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

39	SH	-
40	Y	-
41	L	-
42	GR	-
43	BR	-
44	R	-
45	BG	-
46	SHIELD	-
47	V	-
48	SHIELD	-
49	V	-
50	V	-
51	W	-
52	L	-
53	R	-
54	P	-
55	G	-
56	R	-
57	SHIELD	-
58	SHIELD	-
59	SHIELD	-
60	SHIELD	-
61	SHIELD	-
62	SHIELD	-
63	SHIELD	-
64	SHIELD	-
65	SHIELD	-
66	SHIELD	-
67	SHIELD	-
68	SHIELD	-
69	SHIELD	-
70	SHIELD	-
71	SHIELD	-
72	SHIELD	-
73	SHIELD	-
74	SHIELD	-
75	SHIELD	-
76	SHIELD	-
77	SHIELD	-
78	SHIELD	-
79	SHIELD	-
80	SHIELD	-
81	SHIELD	-
82	SHIELD	-
83	SHIELD	-
84	SHIELD	-
85	SHIELD	-
86	SHIELD	-
87	SHIELD	-
88	SHIELD	-
89	SHIELD	-
90	SHIELD	-
91	SHIELD	-
92	SHIELD	-
93	SHIELD	-
94	SHIELD	-

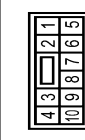
95	LG	-
96	L	-
97	Y	-
98	W	-
99	Y/B	-
100	LG	-
101	B	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
105	P	-
106	W	-
107	G	-
108	W	-
109	Y	-
110	LG	-
111	SHIELD	-
112	SHIELD	-
113	SHIELD	-
114	SHIELD	-
115	SHIELD	-
116	SHIELD	-
117	SHIELD	-
118	SHIELD	-
119	SHIELD	-
120	SHIELD	-
121	SHIELD	-
122	SHIELD	-
123	SHIELD	-
124	SHIELD	-
125	SHIELD	-
126	SHIELD	-
127	SHIELD	-
128	SHIELD	-
129	SHIELD	-
130	SHIELD	-
131	SHIELD	-
132	SHIELD	-
133	SHIELD	-
134	SHIELD	-
135	SHIELD	-
136	SHIELD	-
137	SHIELD	-
138	SHIELD	-
139	SHIELD	-
140	SHIELD	-
141	SHIELD	-
142	SHIELD	-
143	SHIELD	-
144	SHIELD	-
145	SHIELD	-
146	SHIELD	-
147	SHIELD	-
148	SHIELD	-
149	SHIELD	-
150	SHIELD	-
151	SHIELD	-
152	SHIELD	-
153	SHIELD	-
154	SHIELD	-
155	SHIELD	-
156	SHIELD	-
157	SHIELD	-
158	SHIELD	-
159	SHIELD	-
160	SHIELD	-
161	SHIELD	-
162	SHIELD	-
163	SHIELD	-
164	SHIELD	-
165	SHIELD	-
166	SHIELD	-
167	SHIELD	-
168	SHIELD	-
169	SHIELD	-
170	SHIELD	-
171	SHIELD	-
172	SHIELD	-
173	SHIELD	-
174	SHIELD	-
175	SHIELD	-
176	SHIELD	-
177	SHIELD	-
178	SHIELD	-
179	SHIELD	-
180	SHIELD	-
181	SHIELD	-
182	SHIELD	-
183	SHIELD	-
184	SHIELD	-
185	SHIELD	-
186	SHIELD	-
187	SHIELD	-
188	SHIELD	-
189	SHIELD	-
190	SHIELD	-
191	SHIELD	-
192	SHIELD	-
193	SHIELD	-
194	SHIELD	-
195	SHIELD	-
196	SHIELD	-
197	SHIELD	-
198	SHIELD	-
199	SHIELD	-
200	SHIELD	-

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	NS12FBR-CS



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

4	G	-
5	GR	-
6	BG	-
7	BR	-
8	LG	-
9	R	-
10	G	-

Connector No.	B31
Connector Name	PWP CANISTER VENT CONTROL VALVE
Connector Type	102FB-HS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	Y	-

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

9	LG	SOUND SIGNAL REAR SPEAKER RH (+)
10	V	SOUND SIGNAL REAR WOOFLER LH (-)
11	Y	BATTERY
12	B	GROUND
13	G	SOUND SIGNAL FRONT DOOR SPEAKER RH (+)
14	Y	SOUND SIGNAL REAR SPEAKER RH (-)

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RS06FGY-PR



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

Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	RS06FCY-PR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R	-
3	B	-
4	V	-
5	W/G	-

Connector No.	B80
Connector Name	BOSE AMP.
Connector Type	SHB08FB



Terminal No.	Color Of Wire	Signal Name [Specification]
33	G	SOUND SIGNAL WOOFER 2 (+)
34	R	SOUND SIGNAL FRONT DOOR SPEAKER LH (+)
35	W	SOUND SIGNAL WOOFER 1 (+)
36	Y	BATTERY
37	R	SOUND SIGNAL WOOFER 2 (+)
38	G	SOUND SIGNAL FRONT DOOR SPEAKER LH (-)
39	B	SOUND SIGNAL WOOFER 1 (+)
40	B	GROUND

Connector No.	B82
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-C5



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	-

65	Y	-
66	Y	-

Connector No.	B83
Connector Name	WIRE TO WIRE
Connector Type	MD2FW-LC



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

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



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

Connector No.	B152
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RK02F8R



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	

POWER SUPPLY ROUTING CIRCUIT


< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	B337
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH

2	4	8	10	12	14	16	18	20	22	26	
1	3	7	9	11	13	17	19	21	23	27	29



HS.

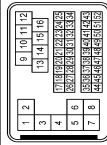
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	5AA36V/B-45S-SH28



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

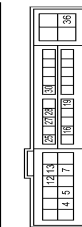
40	R	-
41	W	-
42	LG	-
43	G	-
45	SB	-
46	SHIELD	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

Connector No.	E4
Connector Name	WIRE TO WIRE
Connector Type	127F3-MC



Terminal No.	Color Of Wire	Signal Name (Specification)
1	W	-
2	L	-

Connector No.	E5
Connector Name	WIRE TO WIRE
Connector Type	TH20PW-CS12-M4-1V



Terminal No.	Color Of Wire	Signal Name (Specification)
4	V	-
5	L	-
7	R	-
7	V	-

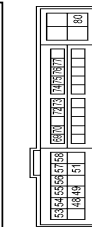
12	B/W	-
13	Y	-
16	LG	-
19	W	-
25	G	-
27	Y	-
28	L	-
30	GR	-
36	G	-

Connector No.	E6
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



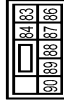
Terminal No.	Color Of Wire	Signal Name (Specification)
39	P	-
40	L	-
41	B/W	-
42	Y	-
43	SB	-
44	W	-
45	G	-
46	V	-

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	TH20PW-CS12-M4



Terminal No.	Color Of Wire	Signal Name (Specification)
48	L	-
49	BG	-
51	Y	-
53	W	-
54	V	-
55	SB	-
56	LG	-
57	G	-
58	P	-
69	BR	-
70	RG	-
72	GR	-
73	GR	-
74	G	-
75	SB	-
76	Y	-
77	R	-
80	W	-

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



Terminal No.	Color Of Wire	Signal Name (Specification)
83	R	-
84	P	-
86	BG	-
87	R	-
88	G	-
89	BR	-
90	LG	-

JRMWH3584GB

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

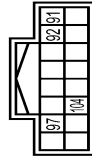
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E9
Connector Name	POWER INTELLIGENT POWER DISTRIBUTION MODULE (PDM)
Connector Type	TH16FW-NH



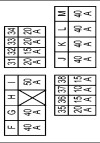
Terminal No.	Color Of Wire	Signal Name [Specification]
91	P	-
92	BG	-
97	V	-
104	LG	-

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	24381-7950A



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

Connector No.	E12
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381-7950A



Terminal No.	Color Of Wire	Signal Name [Specification]
31	SB	-
32	V	-
33	Y	-
34	Y	-
35	LG	-
36	R	-
37	P	-
38	W	-
39	G	-
40	G	-
41	Y	-
42	L	-
43	W	-
44	R	-
45	R	-

Connector No.	E15
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FE-AU28-RH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	VVEL ACTUATOR MOTOR POWER SUPPLY (BANK 2)
2	U/S	VVEL ACTUATOR MOTOR (HIGH LIFT) (BANK 2)
3	W	VVEL CONTROL MOTOR (LOW LIFT) (BANK 2)
4	W	SENSOR GROUND

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347-99500



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-B-LC



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

JRMWH3585GB

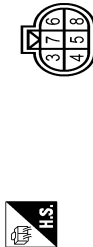
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

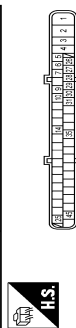
BATTERY POWER SUPPLY

Connector No.	E38
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS06GY-PR



Terminal No.	Color Of Wire	Signal Name (Specification)
3	B	-
4	B/W	-
5	R	-
6	LG	-
7	BR	-
8	P	-

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BA4422B-J11Z2-L11



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	GROUND
2	G	LUBMR
3	R	LUBVR
4	B	GROUND
5	Y	DS FL
6	BG	DP RL
7	BR	DP RR
9	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	ILS
31	R	VDC OFF SW
35	L	CAN-H
45	B	BUS-H

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	IN03FR



Terminal No.	Color Of Wire	Signal Name (Specification)
1	RG	-BAT (VOL. SMALL)
3	R	BUZZER SIGNAL

Connector No.	E58
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS06GY-PR



Terminal No.	Color Of Wire	Signal Name (Specification)
3	B	-
4	B/W	-
5	P	-
6	GR	-
7	LG	-
8	BG	-

Connector No.	E66
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	MOD5BR-R-LC



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	-
2	G	-
3	Y	-
5	LG	-
6	L	-
7	R	-

Connector No.	E78
Connector Name	DAYTIME RUNNING LIGHT LH
Connector Type	RS0718



Terminal No.	Color Of Wire	Signal Name (Specification)
1	R	-
2	B	-

Connector No.	E79
Connector Name	DAYTIME RUNNING LIGHT RH
Connector Type	RS0718



Terminal No.	Color Of Wire	Signal Name (Specification)
1	BG	-
2	B	-

Connector No.	E80
Connector Name	WIRE TO WIRE
Connector Type	RS08ME-PR



Terminal No.	Color Of Wire	Signal Name (Specification)
1	LG	-
2	R	-
4	BG	-
5	B	-
6	L	-
8	B	-

JRMWH3586GB

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

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E101
Connector Name	FUSE BLOCK (I/B)
Connector Type	L01FW-MC



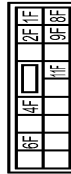
Terminal No.	Color Of Wire	Signal Name [Specification]
1D	R	-

Connector No.	E102
Connector Name	FUSE BLOCK (I/B)
Connector Type	IM02FB-LC



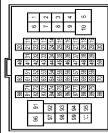
Terminal No.	Color Of Wire	Signal Name [Specification]
15	G	

Connector No.	E103
Connector Name	FUSE BLOCK (I/B)
Connector Type	NS16FW-C5



Terminal	Color Of Wire	Signal Name [Specification]
11F	W	-
1F	SB	-
2F	W	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	- [Coupe models]
9F	V	- [Roadster models]

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



Terminal	Color Of Wire	Signal Name (Specification)
1	Y	-
3	Y	-
4	L	-
7	B	-
8	P	-
9	B	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	B	-
17	SB	-
20	LG	-
21	BR	- [Coupe models] - [roadster models]
21	G	-
31	L	-
32	Y	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-

42	58	-
43	G	-
44	6R	- [Except for reader models with M71]
44	R	- [reader models with M71]
45	BG	-
46	W	-
47	P	-
58	SHIELD	-
59	L	-
70	P	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	V	-
96	Y	-
98	6R	-
99	LG	-
100	BG	-

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



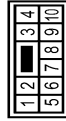
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	G	-
4	B	-

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



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

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	R	-
3	Y	-
4	G	-
5	GR	-
6	BG	-
7	BR	-
8	P	-
9	R	-
10	R	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E180
Connector Name	WIRE TO WIRE
Connector Type	RS08FB-PR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R	-
4	BG	-
5	B	-
6	L	-
8	B	-

Connector No.	E201
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340 / 79508



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

Connector No.	E202
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340 / 79505



Terminal No.	Color Of Wire	Signal Name [Specification]
6	B/GY	-

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	24340 / 65445



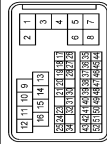
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/GY	B

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



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

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	5AA3BEF-RSS-S1Z8



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

34	O	-
35	GR	-
37	SHIELD	-
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	U/Y	-
51	W	-
52	U/G	-

Connector No.	F7
Connector Name	SWAMP CANTER PIAGE VOLUME CONTROL (OUT/NOID) VALUE
Connector Type	6037L-RS-LGY



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

JRMWH3588GB

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]

BATTERY POWER SUPPLY

<table><tr><td>Connector No.</td><td>F8</td></tr><tr><td>Connector Name</td><td>CONDENSER</td></tr><tr><td>Connector Type</td><td>MODFW-LC</td></tr></table> <div></div>	Connector No.	F8	Connector Name	CONDENSER	Connector Type	MODFW-LC	<table><tr><td>Connector No.</td><td>F12</td></tr><tr><td>Connector Name</td><td>IGNITION COIL No. 2 (WITH POWER TRANSISTOR)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS</td></tr></table> <div></div>	Connector No.	F12	Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)	Connector Type	E03FGV-RS	<table><tr><td>Connector No.</td><td>F14</td></tr><tr><td>Connector Name</td><td>IGNITION COIL No. 4 (WITH POWER TRANSISTOR)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS</td></tr></table> <div></div>	Connector No.	F14	Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)	Connector Type	E03FGV-RS	<table><tr><td>Connector No.</td><td>F16</td></tr><tr><td>Connector Name</td><td>IGNITION COIL No. 6 (WITH POWER TRANSISTOR)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS</td></tr></table> <div></div>	Connector No.	F16	Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)	Connector Type	E03FGV-RS																					
Connector No.	F8																																															
Connector Name	CONDENSER																																															
Connector Type	MODFW-LC																																															
Connector No.	F12																																															
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)																																															
Connector Type	E03FGV-RS																																															
Connector No.	F14																																															
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)																																															
Connector Type	E03FGV-RS																																															
Connector No.	F16																																															
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)																																															
Connector Type	E03FGV-RS																																															
<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>W</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	W	-	2	B	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>G</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr><tr><td>3</td><td>W</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	G	-	2	B	-	3	W	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>GR</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr><tr><td>3</td><td>W</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	GR	-	2	B	-	3	W	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>SB</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr><tr><td>3</td><td>W</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	SB	-	2	B	-	3	W	-
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	W	-																																														
2	B	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	G	-																																														
2	B	-																																														
3	W	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	GR	-																																														
2	B	-																																														
3	W	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	SB	-																																														
2	B	-																																														
3	W	-																																														
<table><tr><td>Connector No.</td><td>F11</td></tr><tr><td>Connector Name</td><td>IGNITION COIL No. 1 (WITH POWER TRANSISTOR)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS</td></tr></table> <div></div>	Connector No.	F11	Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)	Connector Type	E03FGV-RS	<table><tr><td>Connector No.</td><td>F13</td></tr><tr><td>Connector Name</td><td>IGNITION COIL No. 3 (WITH POWER TRANSISTOR)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS</td></tr></table> <div></div>	Connector No.	F13	Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)	Connector Type	E03FGV-RS	<table><tr><td>Connector No.</td><td>F15</td></tr><tr><td>Connector Name</td><td>IGNITION COIL No. 5 (WITH POWER TRANSISTOR)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS</td></tr></table> <div></div>	Connector No.	F15	Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)	Connector Type	E03FGV-RS	<table><tr><td>Connector No.</td><td>F28</td></tr><tr><td>Connector Name</td><td>INTAKE VALVE TRIMMING CONTROL SOLenoid VALVE (BANK 1)</td></tr><tr><td>Connector Type</td><td>E03FGV-RS-LGY</td></tr></table> <div></div>	Connector No.	F28	Connector Name	INTAKE VALVE TRIMMING CONTROL SOLenoid VALVE (BANK 1)	Connector Type	E03FGV-RS-LGY																					
Connector No.	F11																																															
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)																																															
Connector Type	E03FGV-RS																																															
Connector No.	F13																																															
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)																																															
Connector Type	E03FGV-RS																																															
Connector No.	F15																																															
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)																																															
Connector Type	E03FGV-RS																																															
Connector No.	F28																																															
Connector Name	INTAKE VALVE TRIMMING CONTROL SOLenoid VALVE (BANK 1)																																															
Connector Type	E03FGV-RS-LGY																																															
<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>Y</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr><tr><td>3</td><td>W</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	Y	-	2	B	-	3	W	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>L</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr><tr><td>3</td><td>W</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	L	-	2	B	-	3	W	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>V</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr><tr><td>3</td><td>W</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	V	-	2	B	-	3	W	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>W</td><td>-</td></tr><tr><td>2</td><td>R</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	W	-	2	R	-
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	Y	-																																														
2	B	-																																														
3	W	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	L	-																																														
2	B	-																																														
3	W	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	V	-																																														
2	B	-																																														
3	W	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	W	-																																														
2	R	-																																														

JRMWH3589GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	00276G-RS-LGY



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

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	00056F



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

Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	H503FB



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

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	00056F



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

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	00101G-DGY



Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	-	IGNITION POWER SUPPLY
2	BR	-	BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	L	-	CAN-H
4	V	-	ECU-ECU
5	B	-	GROUND
6	Y	-	IGNITION POWER SUPPLY
7	W	-	BACK-UP LAMP RELAY
8	V	-	CAN-L
9	GR	-	START RELAY
10	B	-	GROUND

Connector No.	F58
Connector Name	INPUT SPEED SENSOR
Connector Type	00033FB



Terminal No.	Color	Wire	Signal Name [Specification]
1	L	-	VIGN
2	B	-	GROUND
3	W	-	INTREV

Connector No.	F101
Connector Name	ECM
Connector Type	004401B-R2S-L-LH-Z



Terminal No.	Color	Wire	Signal Name [Specification]
1	O	-	A/T SENSOR 1 HEATER (BANK 1)
2	G	-	THROTTLE CONTROL MOTOR (OPEN) (BANK 1)
3	R	-	THROTTLE CONTROL MOTOR RELAY POWER SUPPLY (BANK 1)
4	BR	-	THROTTLE CONTROL MOTOR (CLOSE) (BANK 1)
5	W	-	A/T SENSOR 1 HEATER (BANK 2)
6	B	-	ECU GROUND
7	GR	-	IGNITION SIGNAL NO. 4
8	Y	-	IGNITION SIGNAL NO. 3
9	V	-	CAN-L
10	GR	-	IGNITION SIGNAL NO. 2
11	G	-	IGNITION SIGNAL NO. 1
12	P	-	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
13	W	-	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
14	SB	-	IGNITION SIGNAL NO. 6
15	Y	-	IGNITION SIGNAL NO. 1
16	GR	-	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
17	R	-	FUEL PUMP RELAY
18	P	-	ECU RELAY (SELF SHUT-OFF)
19	O	-	THROTTLE CONTROL MOTOR RELAY
20	W	-	GEAR LEVER POSITION SENSOR X-AXIS
21	G	-	GEAR LEVER POSITION SENSOR Y-AXIS
22	BR	-	INTEAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
23	G	-	INTEAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
24	Y	-	THROTTLE POSITION SENSOR 1 (BANK 1)
25	R	-	THROTTLE POSITION SENSOR 1 (BANK 2)
26	SB	-	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
27	B	-	THROTTLE POSITION SENSOR 2 (BANK 1)
28	W	-	THROTTLE POSITION SENSOR 2 (BANK 2)
29	O	-	SENSOR GROUND
30	W	-	CRANKSHAFT POSITION SENSOR (POS)
31	O	-	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
32	P	-	BRAKE BOOSTER PRESSURE SENSOR
33	R	-	SENSOR GROUND
34	S	-	CLUTCH PEDAL POSITION SENSOR
35	GR	-	CLUTCH INTERLOCK SWITCH
36	G	-	SENSOR POWER SUPPLY
37	L	-	SENSOR POWER SUPPLY

JRMWH3590GB

POWER SUPPLY ROUTING CIRCUIT

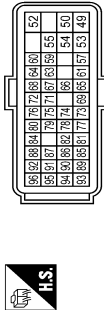
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

45	LG	SENSOR POWER SUPPLY
46	R	SENSOR POWER SUPPLY
47	Y	SENSOR GROUND
48	B	SENSOR GROUND

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FER-R28-L-1H-Z



Terminal No.	Color Of Wire	Signal Name [Specification]
49	GR	THROTTLE CONTROL MOTOR (CLOSE) [BANK 2]
50	L	THROTTLE CONTROL MOTOR (OPEN) [BANK 2]
51	R	THROTTLE CONTROL MOTOR POWER SUPPLY [BANK 2]
52	W	IGNITION SWITCH
53	W	ENGINE COMMUNICATION LINE
54	Y	ENGINE COMMUNICATION LINE
55	LG	A/F SENSOR 1 (BANK 1)
56	L	A/F SENSOR 1 (BANK 1)
57	O	SENSOR POWER SUPPLY
58	G	A/F SENSOR 1 (BANK 1)
59	R	SENSOR POWER SUPPLY
60	L	CAMSHAFT POSITION SENSOR (PHASE) [BANK 1]
61	R	CAMSHAFT POSITION SENSOR (PHASE) [BANK 2]
62	L	CAMSHAFT POSITION SENSOR (PHASE) [BANK 2]
63	LG	A/F SENSOR 1 (BANK 2)
64	GR	A/F SENSOR 1 (BANK 2)
65	Y	A/F SENSOR 1 (BANK 2)
66	P	INTAKE AIR TEMPERATURE SENSOR [BANK 1]
67	P	INTAKE AIR TEMPERATURE SENSOR [BANK 1]
68	LG	SENSOR GROUND
69	W	SENSOR GROUND
70	Y	ENGINE COOLANT TEMPERATURE SENSOR
71	Y	ENGINE COOLANT TEMPERATURE SENSOR
72	SHIELD	SENSOR GROUND
73	W	SENSOR GROUND
74	L	SENSOR GROUND
75	W	SENSOR POWER SUPPLY
76	W	INPUT SPEED SENSOR
77	W	HEATED OXYGEN SENSOR 2 [BANK 1]
78	G	MASS AIR FLOW SENSOR [BANK 1]
79	BR	MASS AIR FLOW SENSOR [BANK 1]
80	BR	ENGINE OIL TEMPERATURE SENSOR
81	O	MASS AIR FLOW SENSOR [BANK 2]
82	Y	HEATED OXYGEN SENSOR 2 [BANK 2]
83	Y	FUEL INJECTOR NO. 3
84	B	FUEL INJECTOR NO. 6
85	B	SENSOR GROUND

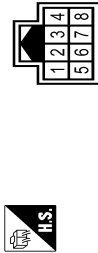
85	BR	FUEL INJECTOR NO. 2
86	W	FUEL INJECTOR NO. 5
87	Y	POWER STEERING PRESSURE SENSOR
88	R	SENSOR GROUND
89	GR	SENSOR GROUND
90	O	FUEL INJECTOR NO. 1
91	SB	FUEL INJECTOR NO. 4
92	G	BATTERY CURRENT SENSOR
93	P	SENSOR GROUND
94	Y	POWER SUPPLY FOR ECM (BACK-UP)
95	G	SENSOR GROUND
96	P	SENSOR GROUND

Connector No.	P-104
Connector Name	WIRE TO WIRE
Connector Type	TH08WH-NH



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

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH08WH-NH



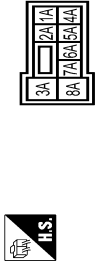
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	L	-
4	Y	-
5	GR	-
6	GR	-
7	R	-
8	O	-

Connector No.	F301
Connector Name	TCM
Connector Type	SF1DFG



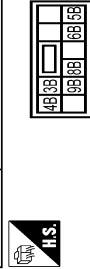
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	IGNITION POWER SUPPLY
2	B	BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	R	CAN-H
4	O	CAN-L
5	G	F-LINE
6	GR	GROUND
7	L	IGNITION POWER SUPPLY
8	BR	BACK-UP JUMP RELAY
9	Y	CAN-L
10	W/B	STARTER RELAY GROUND

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-A2



Terminal No.	Color Of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	L	-
6A	L	-
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]
3B	P	-
4B	G	-
5B	O	-
6B	Y	-
7B	R	-
8B	BR	-
9B	SB	-

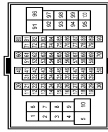
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

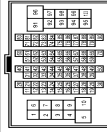
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CSI-E-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
12	R	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	R	-
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
60	LG	-
61	GR	-
62	V	-

83	V	-
84	L	-
85	BR	-
86	Y	-
87	G	-
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
98	O	-
99	W	-
100	R	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CSI-E-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	-
17	R	-
18	L	-
20	SB	-
21	G	-
22	GR	-
23	V	-

24	R	-
25	L	-
26	P	-
27	B	-
28	SHIELD	-
31	W	-
32	B	-
33	W	-
34	R	-
35	B	-
36	L	-
37	SB	-
38	SB	-
39	SB	-
40	L	-
41	R	-
42	GR	-
43	R	-
44	R	-
45	O	-
46	G	-
47	SHIELD	-
48	V	-
49	SHIELD	-
51	V	-
52	L	-
53	P	-
54	G	-
55	R	-
57	SHIELD	-
58	B	-
60	L	-
61	R	-
62	SHIELD	-
63	R	-
64	G	-
65	SHIELD	-
66	LG	-
67	V	-
68	SHIELD	-
69	L	-
70	P	-
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	L	-
95	W	-
96	L	-
97	LG	-
97	Y	-
98	BG	-
98	Y/8	-
99	W	-
100	B	-

Connector No.	M15
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TH08FW 1V



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

JRMWH3592GB

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]

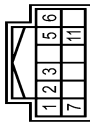
BATTERY POWER SUPPLY

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



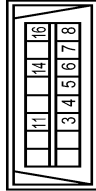
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	B	-
3	R	-
4	W	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BAT
2	GR	CLOCK
3	W	DATA
5	Y	ILL BAT
6	LG	ILL
7	B	GROUND
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	LG	- [Coupe models]
3	Y	- [Roadster models]
4	B	-
5	B	-
6	L	-
7	Y	-
8	G	-
11	LG	- [Roadster models]
11	Y	- [Coupe models]
14	P	-
16	Y	-

Connector No.	M28
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	BOSE AMP ON SIGNAL
2	L	SOUND SIGNAL FRONT SPEAKER LH (+) [Without active noise control]
2	LG	SOUND SIGNAL FRONT SPEAKER LH (+) [With active noise control]
3	V	SOUND SIGNAL FRONT SPEAKER LH (-)
4	L	SOUND SIGNAL REAR SPEAKER LH (+)
5	R	SOUND SIGNAL REAR SPEAKER LH (-)
6	W	STEERING SW SIGNAL A
7	L	VEHICLE SPEED SIGNAL
8	W	ILLUMINATION SIGNAL (+)

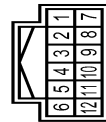
Terminal No.	Color Of Wire	Signal Name [Specification]
9	R	ILLUMINATION SIGNAL (+)
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT SPEAKER RH (+) [With active noise control]
11	V	SOUND SIGNAL FRONT SPEAKER RH (+) [Without active noise control]
12	LG	SOUND SIGNAL FRONT SPEAKER RH (-) [Without active noise control]
12	P	SOUND SIGNAL FRONT SPEAKER RH (-) [With active noise control]
13	R	SOUND SIGNAL REAR SPEAKER RH (+)
14	G	SOUND SIGNAL REAR SPEAKER RH (-)
15	B	STEERING SW SIGNAL B
16	GR	STEERING SW SIGNAL B
18	Y	VEHICLE SPEED SIGNAL (B-PULSE)
19	Y	BATTERY
20	SHIELD	SHIELD

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK05FW-EX1V



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

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



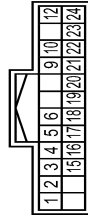
Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	BR	-
4	O	-
5	V	-
6	B	-

Connector No.	M50
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FB



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

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	L	VEHICLE SPEED SIGNAL (P-PULSE)

JRMWH3593GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

4	V	VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico]
4	Y	VEHICLE SPEED SIGNAL (8-PULSE) [Except for Mexico]
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	A/C 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.	M64
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	TX1DPFW



1	2	3
4	5	6
7	8	9

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	TX0BFB



1	2	3
4	5	6
7	8	9

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

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
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

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	A/C POWER SUPPLY
19	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECU 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



1	2	3	4	5
6				

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	TH16FW-NH



4	6	8	14
1	3	5	9

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
3	L	ACC
4	R	ILL

5	W	ILL CONT
6	LG	AV COMM (H)
8	Y	AV COMM (L)
9	BR	SW GND
14	SB	DISK EJECT SIGNAL

Connector No.	M75
Connector Name	FRONT DISC-AY UNIT
Connector Type	TH24FW-NH



12	11	10	9	8	7	6
23	22	21	20	19	18	

Terminal No.	Color Of Wire	Signal Name [Specification]
6	B	SHIELD
7	SHIELD	SHIELD
8	R	CAMERA IMAGE SIGNAL
9	R	COMMUNICATION SIGNAL (DSS-CONT)
10	G	COMMUNICATION SIGNAL (CONF-20SP)
11	V	BATTERY
12	B	GROUND
18	G	COMPOSITE IMAGE SIGNAL
19	L	COMPOSITE IMAGE SIGNAL GROUND
20	Y	-
23	L	ACC POWER SUPPLY

Connector No.	M78
Connector Name	CIRCUIT BREAKER
Connector Type	MO2FW-LC



1	2
---	---

JRMWH3594GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

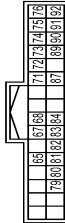
BATTERY POWER SUPPLY

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

Connector No.	M84
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



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



Connector No.	M107
Connector Name	ECM
Connector Type	RH24(G)-R28-LH-Z



Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MD3FB-LC

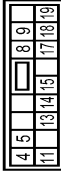


Terminal No.	Color Of Wire	Signal Name [Specification]
65	O	PARKING BRAKE SIGNAL
67	L	COMPOSITE IMAGE GROUND
68	G	COMPOSITE IMAGE SIGNAL
71	SHIELD	SHIELD
72	R	MICROPHONE VCC
73	G	COMMUNICATION SIGNAL (CONF-25P)
74	P	REVERSE SIGNAL
75	LG	AV COMMUNICATION SIGNAL (L)
76	LG	AV COMMUNICATION SIGNAL (L)
79	R	ILLUMINATION SIGNAL
80	G	IGNITION SIGNAL
81	O	REVERSE SIGNAL
82	Y	VEHICLES SPEED SIGNAL (B-PULSE)
83	B	SHIELD
84	Y	-
87	G	MICROPHONE SIGNAL
89	R	COMMUNICATION SIGNAL (DISP-CONT)
90	L	CAN-H
91	Y	AV COMMUNICATION SIGNAL (H)
92	Y	AV COMMUNICATION SIGNAL (H)

Terminal No.	Color Of Wire	Signal Name [Specification]
97	R	ACCELERATOR PEDAL POSITION SENSOR 1
98	P	ACCELERATOR PEDAL POSITION SENSOR 2
99	L	SENSOR POWER SUPPLY
100	W	SENSOR GROUND
101	SB	ASCD STEERING SWITCH
102	GR	EVAP CONTROL SYSTEM PRESSURE SENSOR
103	GR	SENSOR POWER SUPPLY
104	GR	SENSOR GROUND
105	W	REFRIGERANT PRESSURE SENSOR
106	W	FUEL TANK TEMPERATURE SENSOR
107	BR	SENSOR POWER SUPPLY
108	Y	SENSOR GROUND
109	G	PNE-SIGNAL
110	R	ENGINE SPEED OUTPUT SIGNAL
112	SB	SENSOR GROUND
113	P	CAN COMMUNICATION LINE
114	L	CAN COMMUNICATION LINE
117	Y	DATA LINK CONNECTOR
121	LG	EVAP CANISTER VENT CONTROL VALVE
122	P	STOP LAMP SWITCH
123	B	ECM GROUND
124	B	ECM GROUND
125	R	POWER SUPPLY FOR ECM
126	BR	ASCD BRAKE SWITCH
127	B	ECM GROUND
128	B	ECM GROUND

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

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	PASSENGER DOOR UNLOCK OUTPUT
8	V	ALL DOOR, FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR, FUEL LID UNLOCK OUTPUT
11	BR	BAT (FUSE)
13	B	GROUND
14	R	PUSH-BUTTON IGNITION SW ILL OND
15	Y	ACC IND
17	W	TURN SIGNAL RH (FRONT, SIDE)
18	O	TURN SIGNAL LH (FRONT, SIDE)
19	P	ROOM LAMP TIMER CONTROL

JRMWH3595GB

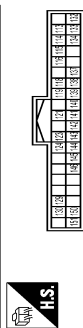
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

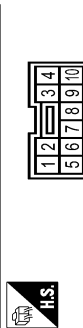
BATTERY POWER SUPPLY

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	T140FC-NH



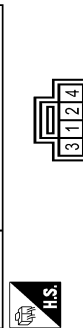
Terminal No.	Color Of Wire	Signal Name [Specification]
113	O	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
115	O	-
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
119	SB	DR DOOR UNLOCK SENSOR
121	R	KEY SUC SW
122	W	IGN P ON SW
123	W	PASSENGER DOOR SW
124	LG	TRUNK LID OPENER CANCEL SW
129	L	REAR DEFROGGER SW
130	L	P/W SW & SFT TOP CLU COM1 (Roadster models)
132	V	POWER WINDOW SW COM1 (Coupe models)
133	G	PUSH BUTTON IGNITION SW (ILL POWER)
134	GR	LOCK IND
137	P	RECEIVER & SENSOR POWER SUPPLY
138	V	TIRE PRESS RECEIV COMM
139	L	P/N POSITION
140	G	SECURITY INDICATOR
141	Y	COMBI SW OUTPUT 5
142	O	COMBI SW OUTPUT 1
143	P	COMBI SW OUTPUT 2
144	G	COMBI SW OUTPUT 3
145	L	COMBI SW OUTPUT 4
146	SB	DRIVER DOOR SW
150	GR	REAR WINDOW DEFROGGER RELAY CONT
151	G	

Connector No.	M137
Connector Name	A/T SHIFT SELECTOR
Connector Type	T1C1D1W



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

Connector No.	M144
Connector Name	HAZARD SWITCH
Connector Type	T1G4FW



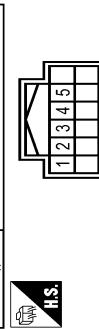
Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	GROUND
2	P	BCM
3	R	ILL+
4	B	ILL-

Connector No.	M211
Connector Name	WIRE TO WIRE
Connector Type	T1I2VW



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	T1I2FW-NH



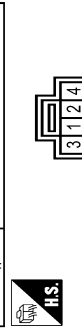
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	V	BATTERY POWER SUPPLY
3	O	IGNITION SIGNAL
4	BR	COMMUNICATION SIGNAL (METER-TRIPLE METER)
5	L	COMMUNICATION SIGNAL (TRIPLE METER-METER)

Connector No.	M255
Connector Name	S-MODE SWITCH
Connector Type	T1G4FY



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	T1G4FW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	G	BCM
3	SR	ILL+
4	BG	ILL- (Coupe models)
4	O	ILL- (Roadster models)

JRMWH3596GB

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]

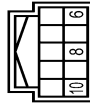
BATTERY POWER SUPPLY

Connector No.	R4
Connector Name	MAP LAMP
Connector Type	TX06FGY



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

Connector No.	R6
Connector Name	AUTO ANTI-GLAZING INSIDE MIRROR
Connector Type	TH10FBNH



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

JRMWH3597GB

POWER SUPPLY ROUTING CIRCUIT

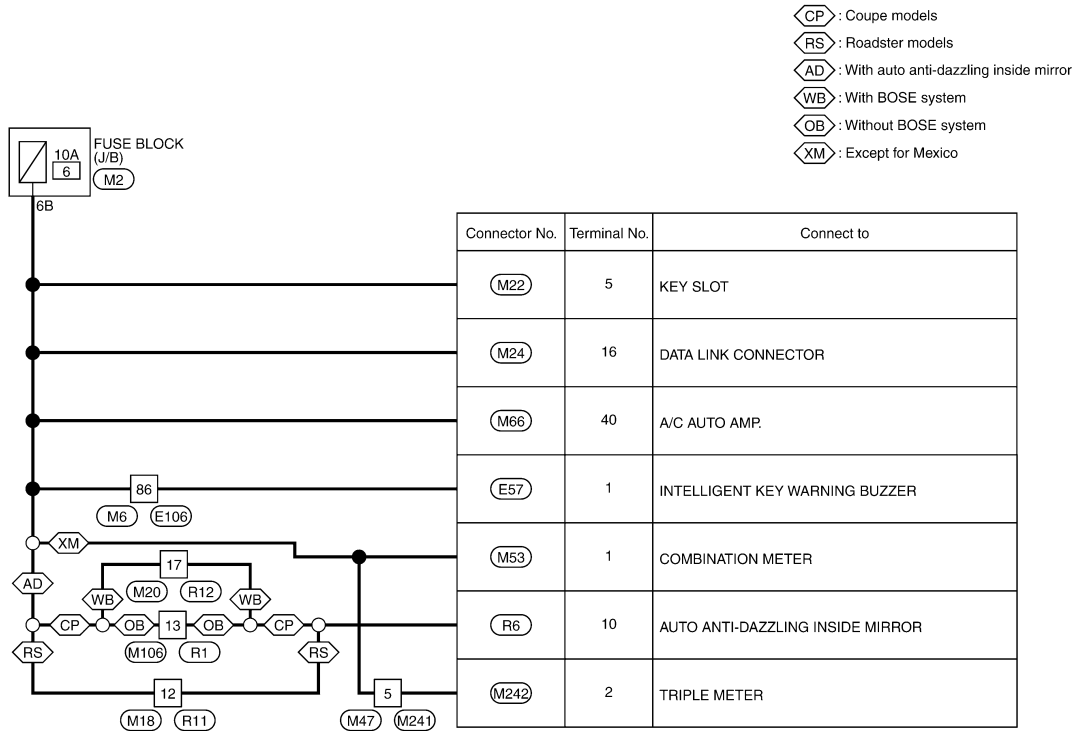
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000011735900

BATTERY POWER SUPPLY FUSE No. 6



2015/01/09

JRMWH3598GB

POWER SUPPLY ROUTING CIRCUIT

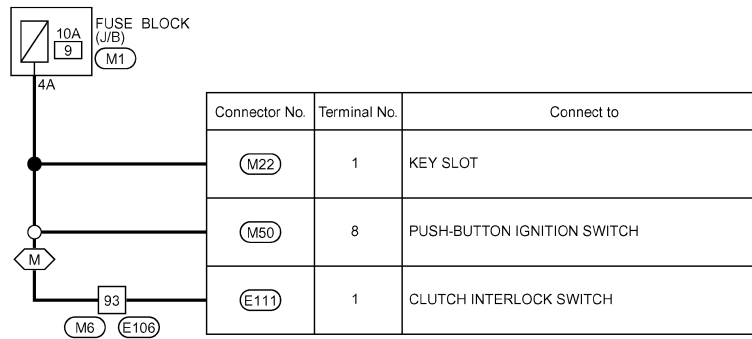
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:0000000011735901

◊ M ◊ : With M/T



2008/09/12

JCMWA3269GB

POWER SUPPLY ROUTING CIRCUIT

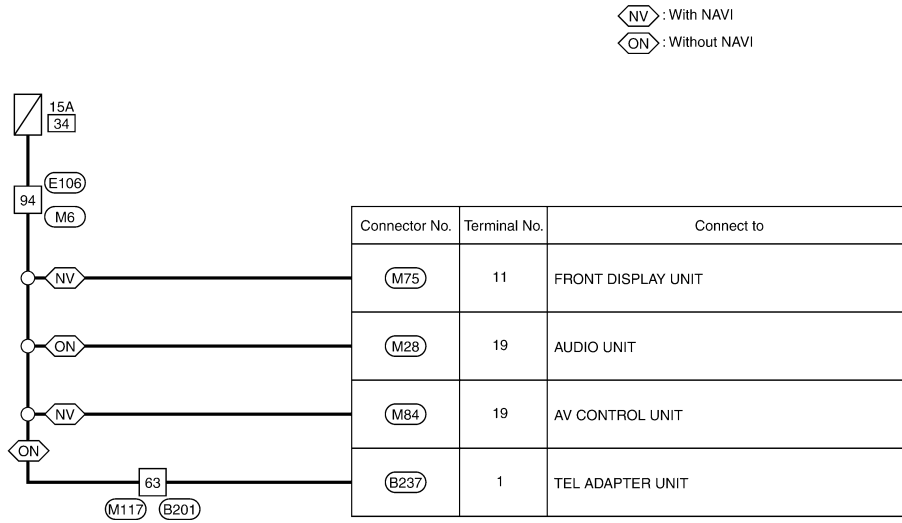
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:0000000011735902

BATTERY POWER SUPPLY FUSE No. 34



2014/05/12

JRMWF7370GB

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

POWER SUPPLY ROUTING CIRCUIT

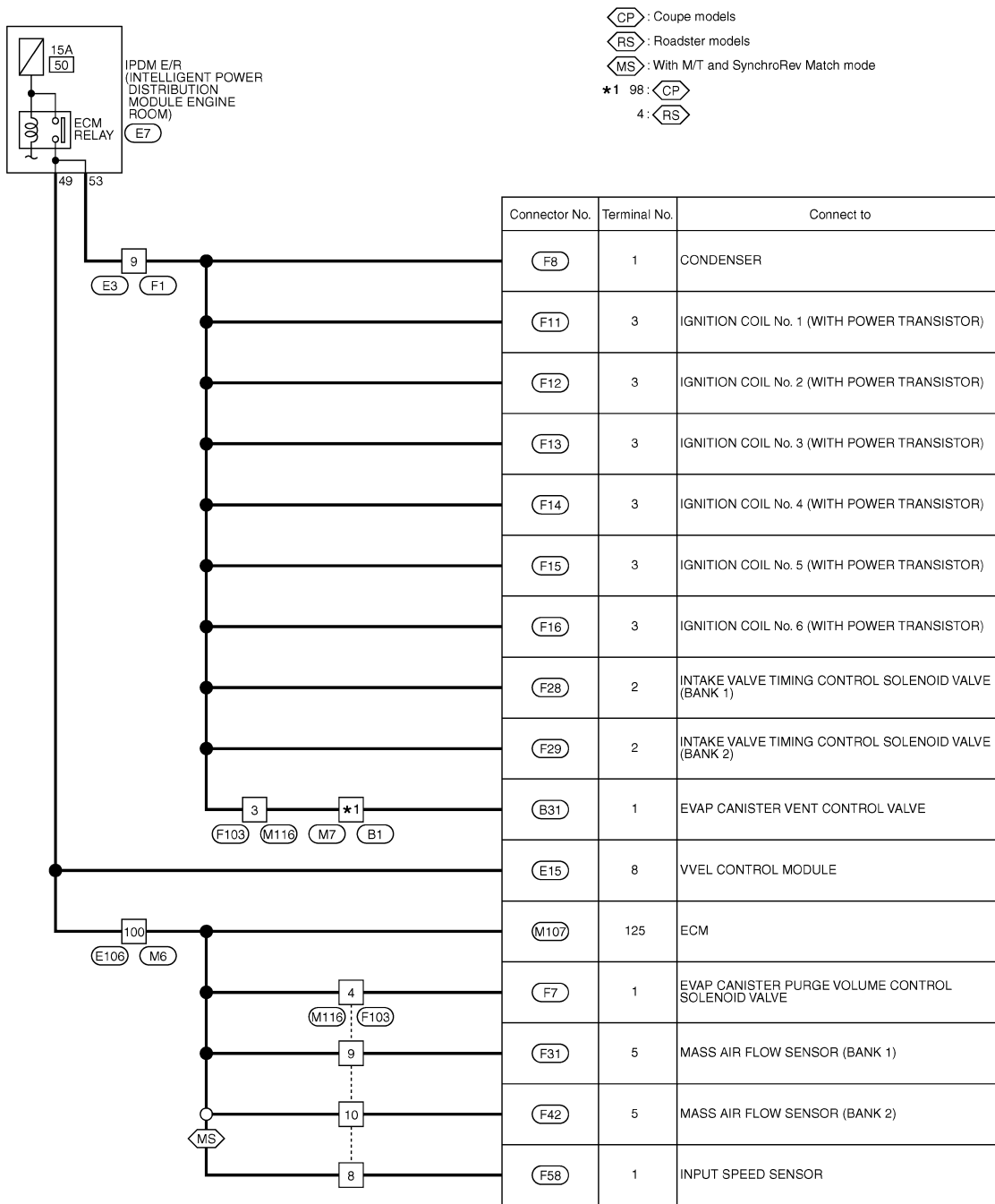
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000011735903

BATTERY POWER SUPPLY FUSE No. 50



2009/07/10

JCMWM4804GB

POWER SUPPLY ROUTING CIRCUIT

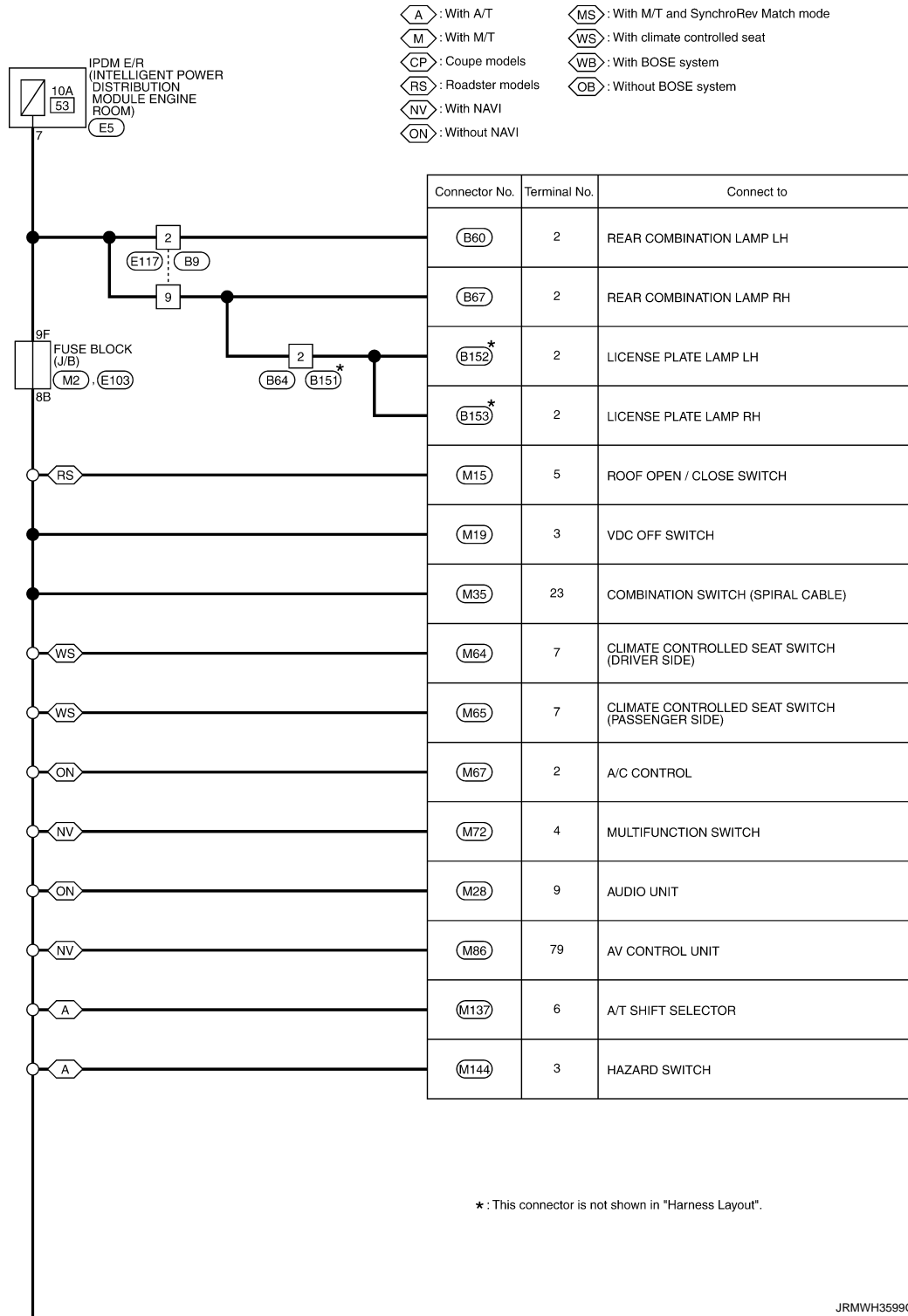
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000011735904

BATTERY POWER SUPPLY FUSE No. 53



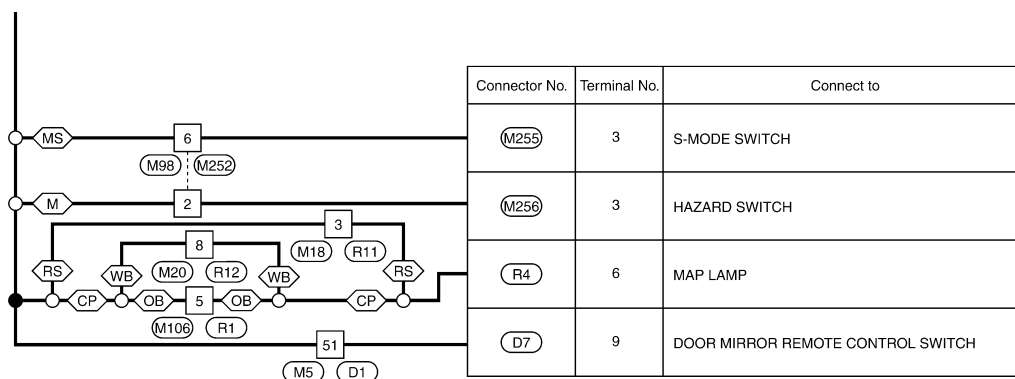
A
B
C
D
E
F
G
H
I
J
K
L
N
O
P

PG

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



2015/01/09

JRMWH3600GB

[POWER SUPPLY&GROUND CIRCUIT]

INFOID:0000000011735905

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



JRMWC4675GB

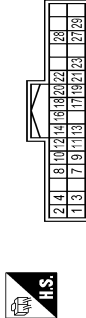
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

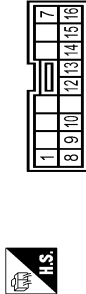
ACCESSORY POWER SUPPLY

Connector No.	B337
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	GROUND
7	L	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	W	TELEPHONE SIGNAL
10	GR	TELEPHONE GND
11	BG	TELEPHONE ON SIGNAL
12	P	STRG SW A (INPUT)
13	L	STRG SW K (INPUT)
14	B	ROOF STATUS SIGNAL (AUDIO)
16	R	STRG SW A (OUTPUT)
17	W	STRG SW B (OUTPUT)
18	GR	STRG SW GND (OUTPUT)
19	B	CONTROL SIGNAL
20	L	CONT2 [Reader models]
21	B	CONT2 [Coupe models]
22	P	CONTROL SIGNAL
23	GR	CONT4 [Except for Mexico]
24	P	CONT4 [For Mexico]
27	W	CONT5
28	V	VEHICLE SPEED SIGNAL (P-PULSE)
29	P	MICROPHONE VCC

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



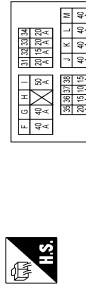
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
7	V	-
8	LG	-
9	R	-
10	Y	-
11	LG	-
12	G	-
13	GR	-
14	W	-
15	BG	-
16	BR	-

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD2FGV-MC



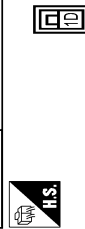
Terminal No.	Color Of Wire	Signal Name [Specification]
3	L	-
4	R	-

Connector No.	E12
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381_7950A



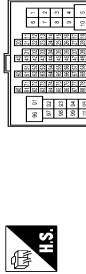
Terminal No.	Color Of Wire	Signal Name [Specification]
31	SB	-
32	V	-
33	Y	-
34	Y	-
35	LG	-
36	R	-
37	GR	-
38	P	-
39	W	-
40	G	-
41	LG	-
42	SB	-
43	G	-
44	GR	-
45	BG	-
46	W	-
47	P	-
48	SHIELD	-
49	L	-
50	W	-

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LD1FW-MC



Terminal No.	Color Of Wire	Signal Name [Specification]
10	R	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH89FW-C316-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models] - [Readerster models]
21	G	- [Readerster models]
31	L	-
32	Y	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	GR	- [Except for readerster models with W/T] - [Readerster models with W/T]
44	R	- [Readerster models with W/T]
45	BG	-
46	W	-
47	P	-
48	SHIELD	-
49	L	-
50	W	-
80	W	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

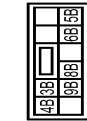
Terminal No.	Color Of Wire	Signal Name [Specification]
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
98	GR	-
99	LG	-
100	BG	-

Connector No.	Connector Name	Connector Type
M1	FUSE BLOCK (I/B)	NSG6FV-402



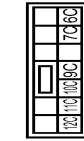
Terminal No.	Color Of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	L	-
6A	Y	-
7A	BR	-
8A	L	-

Connector No.	Connector Name	Connector Type
M2	FUSE BLOCK (I/B)	NS10FV-CS



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

Connector No.	Connector Name	Connector Type
M3	FUSE BLOCK (I/B)	NS12FV-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	L	-
11C	LG	-
12C	O	-
6C	R	-
7C	B	-
9C	O	-
9C	R	-

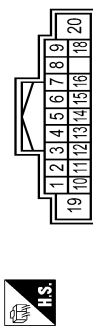
Connector No.	Connector Name	Connector Type
M6	WIRE TO WIRE	TH8BFW-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
12	R	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	-
44	R	-
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-

Terminal No.	Color Of Wire	Signal Name [Specification]
83	V	-
84	L	-
85	BR	-
86	Y	-
87	G	-
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
98	O	-
99	W	-
100	R	-

Connector No.	Connector Name	Connector Type
M2B	AUDIO UNIT	TH8BFW-CS2



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	BOSE AMP. ON SIGNAL
2	L	SOUND SIGNAL FRONT SPEAKER LH (+) (With active noise control)
2	LG	SOUND SIGNAL FRONT SPEAKER LH (-) (With active noise control)
3	V	SOUND SIGNAL FRONT SPEAKER RH (+)
4	L	SOUND SIGNAL REAR SPEAKER LH (+)
5	R	SOUND SIGNAL REAR SPEAKER RH (-)
6	W	STEERING SW SIGNAL A
7	L	ACC POWER SUPPLY
8	W	ILLUMINATION SIGNAL (-)
9	R	ILLUMINATION SIGNAL (+)
10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT SPEAKER RH (+) (With active noise control)
11	V	SOUND SIGNAL FRONT SPEAKER RH (-) (With active noise control)
12	LG	SOUND SIGNAL FRONT SPEAKER LH (+) (Without active noise control)
12	P	SOUND SIGNAL FRONT SPEAKER LH (-) (Without active noise control)
13	R	SOUND SIGNAL REAR SPEAKER RH (+)
14	G	SOUND SIGNAL REAR SPEAKER RH (-)
15	B	STEERING SW SIGNAL B
16	GR	VEHICLE SPEED SIGNAL (P-PULSE)
18	Y	VEHICLE SPEED SIGNAL (P-PULSE)

JRMWH3602GB

POWER SUPPLY ROUTING CIRCUIT

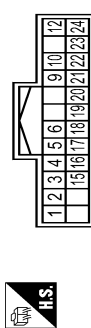
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

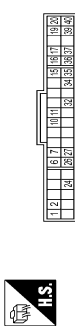
19	Y	BATTERY
20	SHIELD	

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



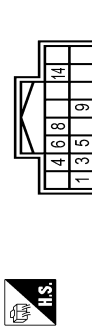
Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	V	VEHICLE SPEED SIGNAL (PULSE)
4	V	VEHICLE SPEED SIGNAL (PULSE) (For Meter)
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
9	BR	COMMUNICATION SIGNAL (METER-TRIPLE METER)
10	L	COMMUNICATION SIGNAL (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	CAN-L
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	M66
Connector Name	A/C AUTO AMP.
Connector Type	SA1840W



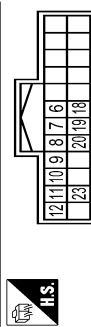
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
6	L	TX (AMP. CONT)
7	P	RT (CONT. AMP)
10	BR	LAM SIGNAL
11	V	EACH DOOR LOCK FOR POWER SUPPLY
12	G	SUPPLEMENTARY POWER SIGNAL
13	R	IN-VEHICLE SENSOR SIGNAL
17	P	ACC-POWER SUPPLY
19	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECU SIGNAL
26	R	REAR WINDOW DEFOGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFROSTER 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	TH16FW-NH



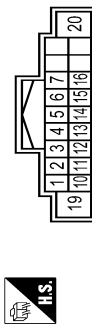
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
3	L	ACC
4	R	ILL. CONT
5	W	ILL. CONT
6	LG	A/C COMM (H)
8	LG	A/C COMM (L)
9	BR	
14	SB	DISA ECT SIGNAL

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



Terminal No.	Color Of Wire	Signal Name [Specification]
6	B	SHIELD
7	SHIELD	SHIELD
8	L	CAMERA IMAGE SIGNAL
9	R	COMMUNICATION SIGNAL (DISP->CONT)
10	G	COMMUNICATION SIGNAL (CONT->DISP)
11	Y	BATTERY
12	B	GROUND
18	G	COMPOSITE IMAGE SIGNAL
19	L	COMPOSITE IMAGE SIGNAL GROUND
23	L	ACC-POWER SUPPLY

Connector No.	M84
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



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

Connector No.	M87
Connector Name	WIRE TO WIRE
Connector Type	M02MB-P-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	SHIELD
2	B	SHIELD

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

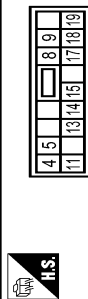
ACCESSORY POWER SUPPLY

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



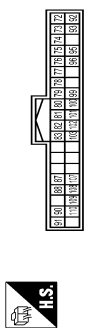
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	BAT (F/L)
2	W	POWER WINDOW POWER SUPPLY (BAT)
3	Y	POWER WINDOW POWER SUPPLY (IGN)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M05FBV-CS



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

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M140FB-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
72	L	ROOM ANT 2-
73	P	ROOM ANT 2+
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-
79	Y	ROOM ANT 1+
80	GR	NOISE CANCEL
81	SW	NOISE ANT AMP
82	R	IGN RELAY (F/R) CONT
83	GR	KYLS ENT RECEIVER (FRONT) COMM
87	BR	COMBI SW INPUT 5
88	V	COMBI SW INPUT 3
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	O	ACC RELAY CONT
96	Y	A/T SHIFT SELECTOR POWER SUPPLY
99	R	SHIFT P/CLUTCH PEDAL POS SW
100	GR	PASSENGER DOOR REQUEST SW
101	Y	DRIVER DOOR REQUEST SW
102	O	BLOWER FAN MOTOR RELAY CONT
103	LG	KYLS ENT RECEIVER (FRONT) PWR SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	Y	COMBI SW INPUT 2
110	P	HAZARD SW

Connector No.	M118
Connector Name	FRONT POWER SOCKET
Connector Type	M02FB-Z



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	-

Connector No.	M254
Connector Name	CONSOLE POWER SOCKET
Connector Type	M02FB-Z



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

JRMWH3604GB

POWER SUPPLY ROUTING CIRCUIT

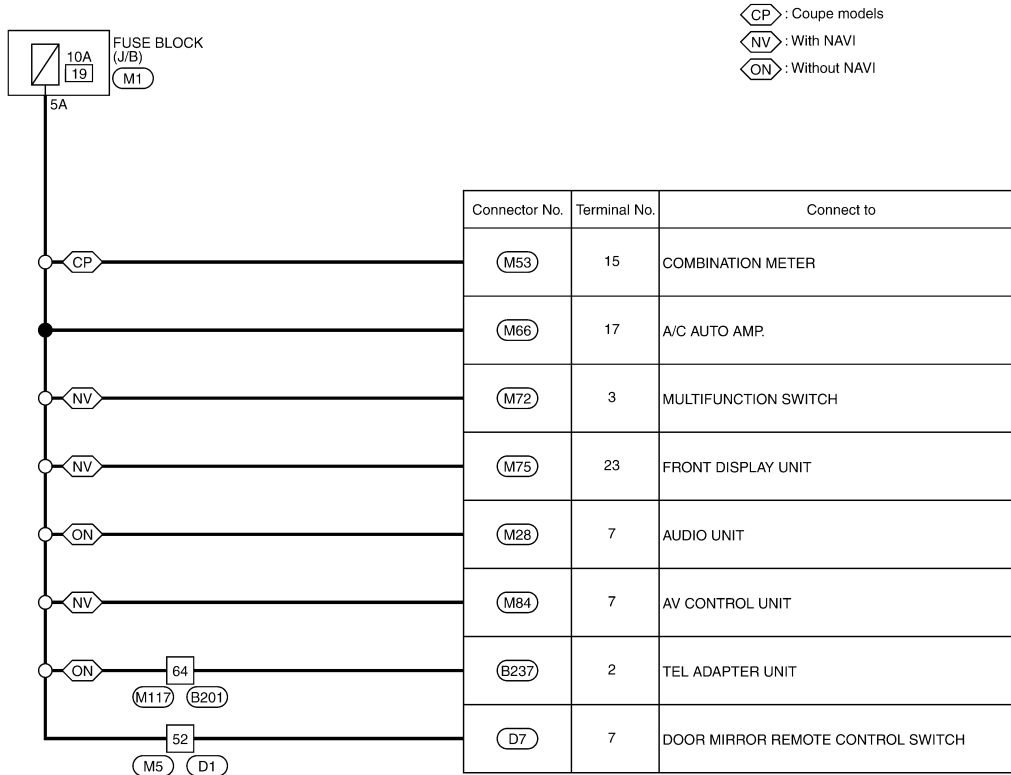
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:000000011735906

ACCESSORY POWER SUPPLY FUSE No. 19

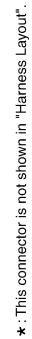


2014/05/12

JRMWF7377GB

[POWER SUPPLY&GROUND CIRCUIT]

INFOID:0000000011735907

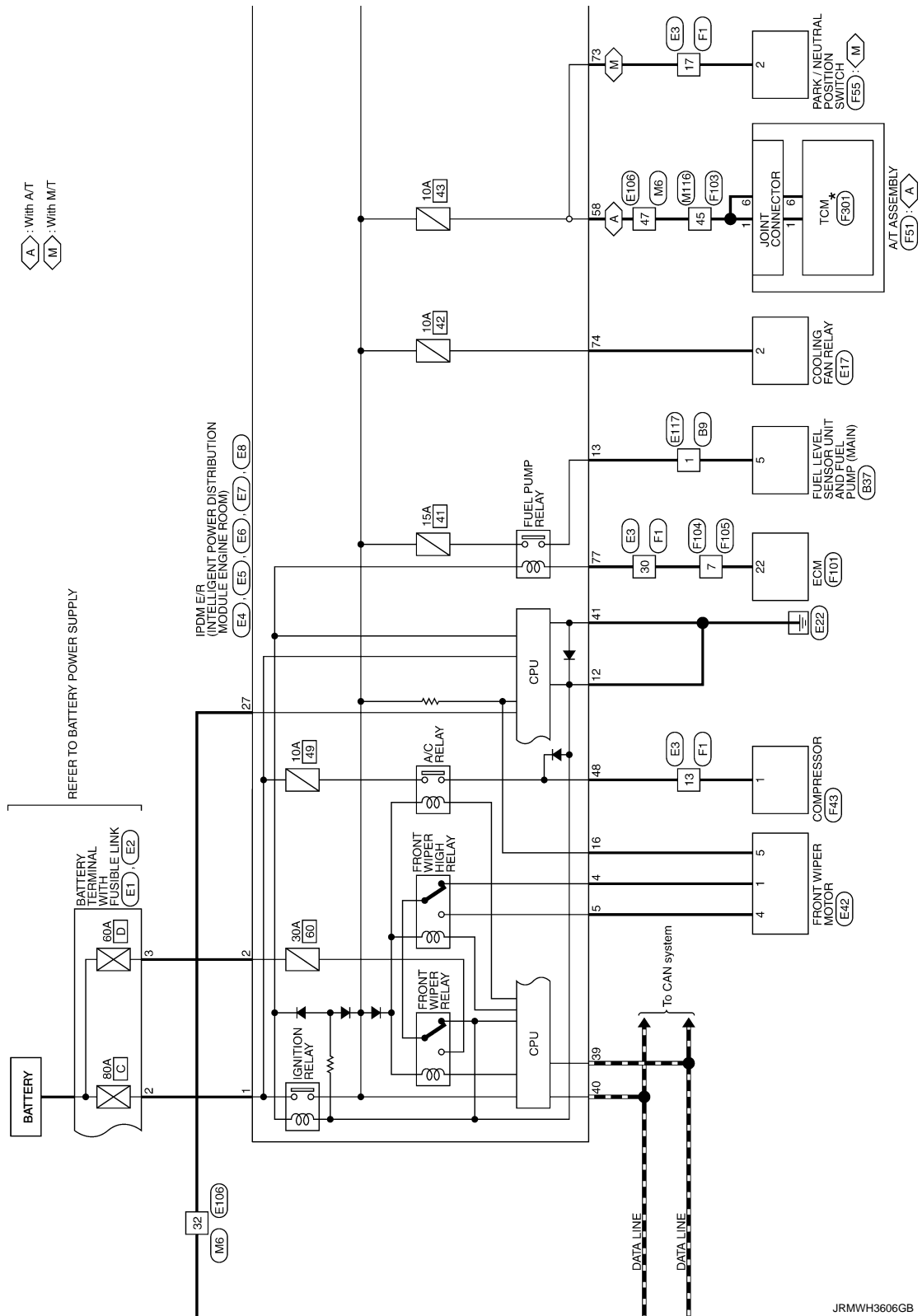


JRMWH3605GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

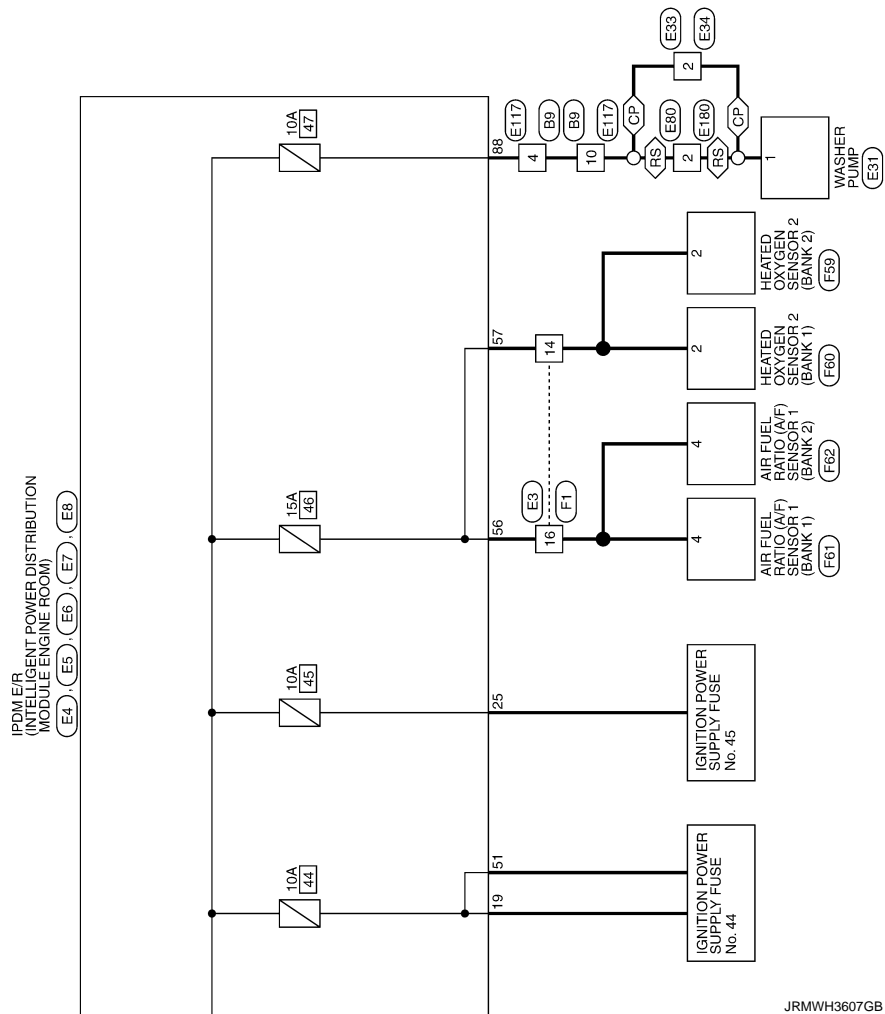


JRMWH3606GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	B6
Connector Name	P-USE BLOCK (I/II)
Connector Type	NS12FBR-CS



1	2	3	4	5
6	7	8	9	10

Terminal No.	Color Of Wire	Signal Name [Specification]
10G	P	- [Roadster models]
10G	W	- [Coupe models]
11G	G	- [Roadster models]
11G	W	- [Coupe models]
12G	Y	-
2G	LG	-

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	NS10FV-CS



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

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

Connector No.	B22
Connector Name	REL LEVEL SENSOR UNIT AND REL AMP (MAIN)
Connector Type	0354GY-RS



1	2	3	4	5
---	---	---	---	---

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	M05MW-LC



1	2
3	4

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

Connector No.	B79
Connector Name	BOSE AMP.
Connector Type	34B1E6B



17	18	19	20	21	22	23	24
25	26	27	28	30	31	32	

Terminal No.	Color Of Wire	Signal Name [Specification]
17	R	SOUND SIGNAL TWEETER LH (+)
18	L	SOUND SIGNAL TWEETER RH (+)
19	P	SOUND SIGNAL TWEETER LH (-)
20	R	SOUND SIGNAL REAR SPEAKER RH (+)
21	G	SOUND SIGNAL REAR SPEAKER RH (-)
22	B	SOUND SIGNAL REAR SPEAKER LH (+)
23	P	SOUND SIGNAL REAR SPEAKER LH (-)
24	B	SOUND SIGNAL FRONT DOOR SPEAKER RH (+)
25	G	SOUND SIGNAL TWEETER LH (-)
26	P	CANL
27	L	CANH
28	R	ENGINE SPEED SIGNAL
30	G	IGNITION SIGNAL
31	W	BOSE AMP. ON SIGNAL
32	W	SOUND SIGNAL FRONT DOOR SPEAKER RH (-)

Connector No.	B82
Connector Name	WIRE TO WIRE
Connector Type	NS1E6V-CS



57	58	59	64	65	62	61	60	59	58
----	----	----	----	----	----	----	----	----	----

Terminal No.	Color Of Wire	Signal Name [Specification]
52	P	-
53	G	-
54	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.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH86FW-C316-TM4



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

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

JRMWH3608GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

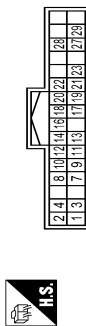
56	SHIELD	-
57	G	- [Coupe models] - [Roadster models]
58	P	- [Coupe models] - [Roadster models]
59	L	- [Coupe models] - [Roadster models]
60	R	- [Coupe models] - [Roadster models]
61	B	- [Coupe models] - [Roadster models]
62	W	- [Coupe models] - [Roadster models]
63	GR	- [Coupe models] - [Roadster models]
64	Y	- [Coupe models] - [Roadster models]
65	VB	- [Coupe models] - [Roadster models]
66	IG	- [Coupe models] - [Roadster models]
67	V	- [Coupe models] - [Roadster models]
68	P	- [Coupe models] - [Roadster models]
69	L	- [Coupe models] - [Roadster models]
70	G	- [Coupe models] - [Roadster models]
71	B	- [Coupe models] - [Roadster models]
72	GR	- [Coupe models] - [Roadster models]
73	L	- [Coupe models] - [Roadster models]
74	P	- [Coupe models] - [Roadster models]
75	B	- [Coupe models] - [Roadster models]
76	W	- [Coupe models] - [Roadster models]
77	W	- [Coupe models] - [Roadster models]
92	LG	- [Coupe models] - [Roadster models]
93	V	- [Coupe models] - [Roadster models]
94	G	- [Coupe models] - [Roadster models]
95	GR	- [Coupe models] - [Roadster models]
96	LG	- [Coupe models] - [Roadster models]
97	Y	- [Coupe models] - [Roadster models]
98	W	- [Coupe models] - [Roadster models]
99	G	- [Coupe models] - [Roadster models]
100	BR	- [Coupe models] - [Roadster models]

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



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

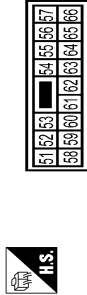
Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH23FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BATTERY
2	V	ACC
3	SB	IGNITION SIGNAL
4	B	GROUND
7	L	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	BR	TEL VOICE SIGNAL (+)
10	Y	TEL VOICE SIGNAL (-)
11	IG	TELEPHONE ON SIGNAL
12	P	STRG SW A (INPUT)
13	L	STRG SW B (INPUT)
14	B	STRG SW GND (INPUT)
15	R	ROOF STATUS SIGNAL (AUDIO)
17	W	STRG SW A (OUTPUT)
18	GR	STRG SW B (OUTPUT)
19	B	STRG SW GND (OUTPUT)
20	L	CONTROL SIGNAL

21	B	CONT7 [Roadster models] CONT2 [Coupe models]
22	V	CONTROL SIGNAL
23	GR	CONT4 [Except for Mexico] CONT4 [For Mexico]
24	P	CONT5
27	W	VEHICLE SPEED SIGNAL (B-PULSE)
28	V	MICROPHONE VCC
29	P	

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



Terminal No.	Color Of Wire	Signal Name [Specification]
52	R	-
53	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.	B304
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	NS12FW-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.	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	-

JRMWH3609GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH08MW-RH



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

Connector No.	D1D1
Connector Name	WIRE TO WIRE
Connector Type	MODFW-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	-
2	GR	-
4	B	-

Connector No.	D106
Connector Name	CONDENSER
Connector Type	MODFW-LC



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

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO27BR-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	LO27GY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA36MB-RSS-SH28



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	SHIELD	-
3	SHIELD	-
4	SHIELD	-
5	BR	-
6	GR	-
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	-
20	B	-
21	SB	-
22	G	-
23	SB	-
24	GR	-
25	V	-
26	GR	-
27	GR	-
28	V	-
29	L	-
30	L	-
31	BR	-
32	Y	-

Connector No.	E4
Connector Name	WIRE TO WIRE
Connector Type	LO27B-MC



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

33	SB	-
34	BG	-
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	WIRE TO WIRE
Connector Type	LO27B-MC



JRMWH3610GB

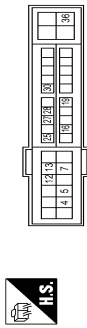
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E5
Connector Name	IPSW (IP INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20PW-C312-M4-1V



Terminal No.	Color Of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	-
12	B/W	-
13	Y	-
16	LG	-
19	W	-
21	Y	-
27	V	-
28	L	-
30	GR	-
36	G	-

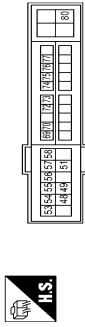
Connector No.	E6
Connector Name	IPSW (IP INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-NH



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

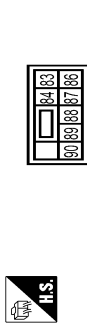
46	V	-
----	---	---

Connector No.	E7
Connector Name	IPSW (IP INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20PW-C312-M4



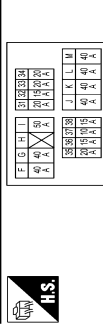
Terminal No.	Color Of Wire	Signal Name [Specification]
48	L	-
49	BG	-
51	Y	-
53	W	-
54	V	-
55	SB	-
56	LG	-
57	G	-
58	P	-
69	BR	-
70	RG	-
72	GR	-
73	GR	-
74	G	-
75	SB	-
76	Y	-
77	R	-
80	W	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
83	R	-
84	P	-
86	BG	-
87	R	-
88	G	-
89	BR	-
90	LG	-

Connector No.	E12
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381-7980A



Terminal No.	Color Of Wire	Signal Name [Specification]
31	SB	-
32	V	-
33	Y	-
34	Y	-
35	LG	-
36	R	-
37	R	-
38	P	-
F	W	-
G	G	-
H	G	-
I	Y	-
J	L	-

K	W	-
L	R	-
M	R	-

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347-8F500



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	E02FGV-4S



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	L	-

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E33
Connector Name	WIRE TO WIRE
Connector Type	RS06MB



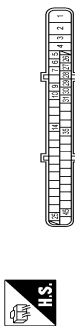
Terminal No.	Color Of Wire	Signal Name [Specification]
5	L	-

Connector No.	E34
Connector Name	WIRE TO WIRE
Connector Type	RS05FP-PR



Terminal No.	Color Of Wire	Signal Name [Specification]
2	R	-
5	L	-

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC PARK CONTROL (LH)
Connector Type	BAA427B-AH24-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	G	UBMR
3	R	UBMR
4	B	GROUND
5	Y	DS FL
6	RS	DS PR
7	BR	DS PR
8	W	DS PR
9	W	DS PR
10	W	DS PR
11	P	CAN-L
12	Y	BL-S-L
13	LG	DP FL
14	LG	DP FL
15	GR	DS RL
16	G	UZ
17	P	DS RR
18	S	BLS
19	R	VDC OFF SW
20	L	CAN-H
21	B	BUS-H

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS051GY



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

Connector No.	E66
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	MODF8B-R-LC



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

Connector No.	E80
Connector Name	WIRE TO WIRE
Connector Type	RS08MB-PR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R	-
4	RS	-
5	B	-
6	L	-

8	B	-
---	---	---

Connector No.	E101
Connector Name	FUSE BLOCK (UB)
Connector Type	LD1FW-MC

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

Connector No.	E102
Connector Name	FUSE BLOCK (UB)
Connector Type	MD2F9-LC



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

JRMWH3612GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E103
Connector Name	PIUSE BLOCK (I/II)
Connector Type	NS16FW-CS



1F	4F	2F	1F	9F	8F
----	----	----	----	----	----

Terminal No.	Color Of Wire	Signal Name [Specification]
11F	W	-
1F	SB	-
2F	W	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	- [Coupe models]
3F	V	- [Roadster models]

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



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

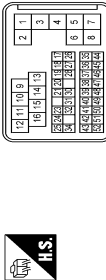
IGNITION POWER SUPPLY

Connector No.	Wire	Signal Name [Specification]
E180	WIRE TO WIRE	
Connector Name	WIRE TO WIRE	
Connector Type	RS0818-PR	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R	-
4	BG	-
5	B	-
6	L	-
8	B	-

Connector No.	Wire	Signal Name [Specification]
F1	WIRE TO WIRE	
Connector Name	WIRE TO WIRE	
Connector Type	SAAS3618-RSS-SMZ8	



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	LG	-
15	BR	-

16	Y	-
17	W	-
18	LG	-
19	P	-
20	O	-
21	BR	-
22	G	-
23	Y	-
24	LG	-
25	V	-
27	GR	-
28	BR	-
29	L	-
30	R	-
31	P	-
32	W	-
33	SB	-
34	O	-
35	GR	-
36	SHIELD	-
37	W	-
38	W	-
39	G	-
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.	Wire	Signal Name [Specification]
F43	COMPRESSOR	
Connector Name	COMPRESSOR	
Connector Type	RS0118	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	MAGNET CLUTCH POWER SUPPLY

Connector No.	Wire	Signal Name [Specification]
F44	COMPRESSOR	
Connector Name	COMPRESSOR	
Connector Type	RK02PGY	



Terminal No.	Color Of Wire	Signal Name [Specification]
2	Y	ECV POWER SUPPLY
3	O	ECV SIGNAL

Connector No.	Wire	Signal Name [Specification]
F51	A/T ASSEMBLY	
Connector Name	A/T ASSEMBLY	
Connector Type	RK1D1G DGY	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	IGNITION POWER SUPPLY
2	BR	BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	L	CAN-H
4	V	K-LINE
5	B	GROUND
6	Y	IGNITION POWER SUPPLY
7	W	BACK-UP LAMP RELAY
8	P	CAN-L
9	GR	STARTER RELAY
10	B	GROUND

Connector No.	Wire	Signal Name [Specification]
F55	PARK / NEUTRAL POSITION SWITCH	
Connector Name	PARK / NEUTRAL POSITION SWITCH	
Connector Type	RK02FB	



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

Connector No.	Wire	Signal Name [Specification]
F56	BACK-UP LAMP SWITCH	
Connector Name	BACK-UP LAMP SWITCH	
Connector Type	RK02FB	



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

JRMWH3614GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F50
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	RHQ4MB



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

Connector No.	F40
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	RHQ4MB



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

Connector No.	F61
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	RHQ4FEGY-P



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

Connector No.	F42
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	RHQ4FEGY-P



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

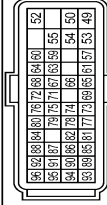
Connector No.	F101
Connector Name	ECM
Connector Type	RHQ4FBR-R28-L-LH-Z



Terminal No.	Wire	Signal Name [Specification]
1	O	A/F SENSOR 1 HEATER (BANK 1)
2	G	THROTTLE CONTROL MOTOR (OPEN) (BANK 1)
3	R	THROTTLE CONTROL MOTOR RELAY POWER SUPPLY (BANK 1)
4	BR	THROTTLE CONTROL MOTOR (CLOSE) (BANK 1)
5	W	A/F SENSOR 1 HEATER (BANK 2)
6	B	ECM GROUND
11	GR	IGNITION SIGNAL NO. 4
12	L	IGNITION SIGNAL NO. 2
13	V	IGNITION SIGNAL NO. 3
16	G	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
17	P	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
18	W	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
19	SB	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
20	Y	IGNITION SIGNAL NO. 1
21	GR	SWAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
22	R	FUEL PUMP RELAY
24	P	ECM RELAY (SELF SHUT-OFF)
25	O	THROTTLE CONTROL MOTOR RELAY
26	W	GEAR LEVER POSITION SENSOR X-AXIS
27	G	GEAR LEVER POSITION SENSOR Y-AXIS
28	BR	WAVE ACTUATOR MOTOR RELAY NOPT SIGNAL LEVEL CONTROL MONITOR
29	G	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
30	Y	THROTTLE POSITION SENSOR 1 (BANK 1)
31	R	THROTTLE POSITION SENSOR 1 (BANK 2)
33	SB	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
34	B	THROTTLE POSITION SENSOR 2 (BANK 1)
35	W	THROTTLE POSITION SENSOR 2 (BANK 2)
36	O	SENSOR GROUND
37	W	CRANKSHAFT POSITION SENSOR (POS)
38	O	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
39	P	BRAKE BOOSTER PRESSURE SENSOR
40	R	SENSOR GROUND
41	SB	CLUTCH PEDAL POSITION SENSOR
42	GR	CLUTCH INTERLOCK SWITCH
43	G	SENSOR POWER SUPPLY
44	L	SENSOR POWER SUPPLY

45	LG	SENSOR POWER SUPPLY
46	R	SENSOR POWER SUPPLY
47	Y	SENSOR GROUND
48	B	SENSOR GROUND

Connector No.	F102
Connector Name	ECM
Connector Type	RHQ4FBR-R28-L-LH-Z



Terminal No.	Wire	Signal Name [Specification]
49	GR	THROTTLE CONTROL MOTOR (CLOSE) (BANK 2)
50	Y	THROTTLE CONTROL MOTOR (OPEN) (BANK 2)
51	W	THROTTLE CONTROL MOTOR RELAY POWER SUPPLY (BANK 2)
52	W	IGNITION SWITCH
54	V	ENGINE COMMUNICATION LINE
55	LG	ENGINE COMMUNICATION LINE
57	L	A/F SENSOR 1 (BANK 1)
59	O	CAUSHAFT POSITION SENSOR (PHASE) (BANK 1)
60	G	A/F SENSOR 1 (BANK 1)
61	R	A/F SENSOR 1 (BANK 1)
63	L	CAUSHAFT POSITION SENSOR (PHASE) (BANK 2)
64	SB	SENSOR POWER SUPPLY
65	LG	A/F SENSOR 1 (BANK 2)
66	V	A/F SENSOR 1 (BANK 2)
67	P	INTAKE AIR TEMPERATURE SENSOR (BANK 1)
68	LG	SENSOR GROUND
69	W	KNOCK SENSOR (BANK 2)
71	Y	ENGINE COOLANT TEMPERATURE SENSOR
72	SHIELD	SENSOR GROUND
73	W	KNOCK SENSOR (BANK 1)
74	L	SENSOR POWER SUPPLY
75	W	INPUT SPEED SENSOR
76	W	HEATED OXYGEN SENSOR 2 (BANK 1)
77	SB	MASS AIR FLOW SENSOR (BANK 1)
78	G	ENGINE OIL TEMPERATURE SENSOR
79	BR	MASS AIR FLOW SENSOR (BANK 2)
80	O	HEATED OXYGEN SENSOR 2 (BANK 2)
81	R	FUEL INJECTOR NO. 3
82	V	FUEL INJECTOR NO. 6
84	B	SENSOR GROUND

JRMWH3615GB

POWER SUPPLY ROUTING CIRCUIT

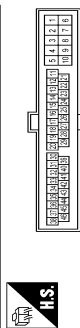
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

85	BR	FUEL INJECTOR NO. 2
86	W	FUEL INJECTOR NO. 5
87	Y	POWER STEERING PRESSURE SENSOR
88	R	SENSOR GROUND
89	GR	FUEL INJECTOR NO. 1
90	O	FUEL INJECTOR NO. 4
91	SB	BATTERY CURRENT SENSOR
92	G	SENSOR GROUND
93	P	POWER SUPPLY FOR ECM (BACK-UP)
94	Y	SENSOR GROUND
95	G	SENSOR GROUND
96	P	SENSOR GROUND

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK35FW-NS10



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

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



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

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



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

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



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

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



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

JRMWH3616GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



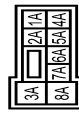
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	V	-

Connector No.	F301
Connector Name	TCM
Connector Type	SPT05G



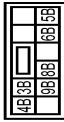
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	IGNITION POWER SUPPLY
2	B	BATTERY POWER SUPPLY (MEMORY BACK-UP)
3	R	CAN-H
4	O	K-LINE
5	G	GROUND
6	GR	IGNITION POWER SUPPLY
7	L	BACK-UP PUMP RELAY
8	BR	CRUISE CONTROL
9	V	STARTER RELAY
10	W/B	GROUND

Connector No.	M41
Connector Name	FUSE BLOCK (I/B)
Connector Type	NS06FW-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 (I/B)
Connector Type	NS10FW-CS



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

Connector No.	M3
Connector Name	FUSE BLOCK (I/B)
Connector Type	NS12HW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	L	-
11C	LG	-
12C	O	-
6C	R	-
7C	B	-
9C	O	- [Roadster models]
9C	R	- [Coupe models]

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [Win A/T]
44	R	- [Win M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-

JRMWH3617GB

POWER SUPPLY ROUTING CIRCUIT

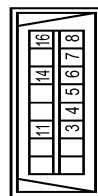
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

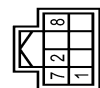
Terminal No.	Wire	Signal Name [Specification]
83	V	-
84	L	-
85	BR	-
86	Y	-
87	G	-
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
98	O	-
99	W	-
100	R	-

Connector No.	Connector Name	Connector Type
M24	DATA LINK CONNECTOR	
B016FW		



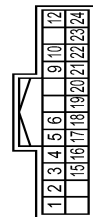
Terminal No.	Color Of Wire	Signal Name [Specification]
3	LG	- [Coupe models]
4	B	- [Roadster models]
5	B	-
6	L	-
7	Y	-
8	G	-
11	LG	- [Roadster models]
14	P	- [Coupe models]
16	Y	-

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



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

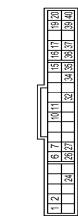
Connector No.	Connector Name	Connector Type
M53	COMBINATION METER	
TH24FW-NH		



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	V	VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico]
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	5-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	G	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP. CONNECTION SIGNAL
20	GR	AMBIENT SENSOR GROUND

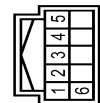
Terminal No.	Wire	Signal Name [Specification]
21	L	CAN-H
22	P	CAN-L
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	Connector Name	Connector Type
M66	A/C AUTO AMP.	
SAB06FW		



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	CAN-H
2	P	CAN-L
5	L	TY (AMP. CONT)
7	P	RX (CONF. AMP)
10	BR	LAM 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 DEFROGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFROGGER 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.	Connector Name	Connector Type
M67	A/C CONTROL	
TH10FW-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.	Connector Name	Connector Type
M69	BACK-UP LAMP RELAY	
M502H-M2 LC		



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

JRMWH3618GB

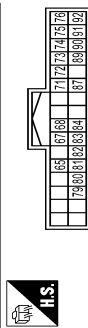
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



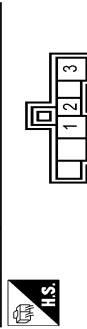
Terminal No.	Color Of Wire	Signal Name [Specification]
65	O	PARKING BRAKE SIGNAL
67	L	COMPOSITE IMAGE GROUND
68	G	COMPOSITE IMAGE SIGNAL
71	SHIELD	SHIELD
72	R	MICROPHONE VCC
73	G	COMMUNICATION SIGNAL (CONT-SP)
74	P	CAN-L
75	LG	AV COMMUNICATION SIGNAL (L)
76	LG	AV COMMUNICATION SIGNAL (L)
79	G	ILLUMINATION SIGNAL
80	G	IGNITION SIGNAL
81	O	REVERSE SIGNAL
82	Y	VEHICLE SPEED SIGNAL (R-PULSE)
83	B	SHIELD
84	Y	MICROPHONE SIGNAL
87	G	COMMUNICATION SIGNAL (DSP-CONT)
89	R	CAN-H
90	L	AV COMMUNICATION SIGNAL (H)
91	Y	AV COMMUNICATION SIGNAL (H)
92	Y	AV COMMUNICATION SIGNAL (H)

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



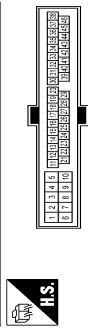
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	EPS SOL+
3	G	IGN
5	B	EPS SOL
6	B	GROUND
8	L	VEHICLE SPEED (2P)
10	R	ENG TACHO

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

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK35MW-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	-
11	G	-
12	R	-
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-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	-
3	B	-
4	W	-
6	SHIELD	-
7	LG	- [Coupe models]
7	Y	- [Roadster models]
8	BR	- [Coupe models]
8	LG	- [Roadster models]
9	G	-
11	R	-
12	G	-
22	R	-
30	B	-
40	O	-
41	Y	-
42	G	-
43	L	-
44	5B	-
51	R	-
52	G	-
53	SHIELD	-
54	LG	-
55	V	-
56	SHIELD	-
57	G	- [Coupe models]
57	P	- [Roadster models]
58	L	- [Roadster models]
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	L	-
65	G	-
66	O	-

JRMWH3619GB

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M119	
Connector Name	BCM (BODY CONTROL MODULE)	
Connector Type	MS16FW-C5	
Terminal No.	Wire	Signal Name [Specification]
67	V	-
68	P	-
69	L	-
70	L	-
71	B	-
72	B	-
73	B	-
74	B	-
75	B	-
76	B	-
77	B	-
92	G	- [Coupe models] - [Roadster models]
93	R	- [Coupe models] - [Roadster models]
94	G	- [Coupe models] - [Roadster models]
95	LG	- [Coupe models] - [Roadster models]
96	LG	- [Coupe models] - [Roadster models]
97	V	- [Coupe models] - [Roadster models]
98	V/B	- [Coupe models] - [Roadster models]
99	G	- [Coupe models] - [Roadster models]
100	BB	- [Coupe models] - [Roadster models]
100	Y	- [Roadster models]

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MD3FB-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-C5

H.S.

4 5

8 9

11 13 14 15



17 18 19

Terminal No.	Color Of Wire	Signal Name [Specification]
4	R	INTERIOR ROOM LAMP POWER SUPPLY
5	G	PASSENGER DOOR UNLOCK OUTPUT
8	V	ALL DOOR FUEL LID UNLOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	BR	BAT (USE)
13	B	GROUND
14	Y	PUSH-BUTTON LOCK SW (L) GND
15	Y	ECU GND
17	W	TURN SIGNAL RH (FRONT SIDE)
18	O	TURN SIGNAL LH (FRONT SIDE)
19	P	ROOM LAMP TIMER CONTROL

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

Terminal No.	Color Of Wire	Signal Name [Specification]
34	G	LUGGAGE/TRUNK ROOM ANT-
35	R	LUGGAGE/TRUNK ROOM ANT+
38	B	REAR BUMPER ANT-
39	W	REAR BUMPER ANT+
47	V	IGN RELAY (FRONT) CONT
52	BR	STARTER RELAY CONT
60	BR	STARTER SW
61	W	BACK DOOR/TRUNK DOOR REQUEST SW
64	G	1 KEY WARN BUZZER (ENG ROOM)

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

Terminal No.	Color Of Wire	Signal Name [Specification]
72	L	ROOM ANT 2
73	V	ROOM ANT 1
75	SB	PASSENGER DOOR ANT-
76	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	R	ROOM ANT 1-
79	R	ROOM ANT 1+
80	GR	NAT'S ANT AMP
81	W	NAT'S ANT AMP
82	R	IGN RELAY (F/B) CONT
83	GR	PYLS ENT RECEIVER (FRONT) COMM
87	BR	COMBI SW INPUT 5
88	V	COMBI SW INPUT 3
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	O	ACC RELAY CONT
96	Y	A/T SHIFT SELECTOR POWER SUPPLY
99	R	SHIFT P/CLUTCH PEDAL POS SW
100	GR	PASSENGER DOOR REQUEST SW
101	Y	DRIVER DOOR REQUEST SW
102	O	BLOWER FAN MOTOR RELAY CONT
103	LG	PYLS ENT RECEIVER (FRONT) PWR SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 1
109	Y	COMBI SW INPUT 2
110	P	HAZARD SW

JRMWH3620GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

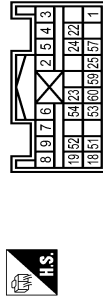
IGNITION POWER SUPPLY

Connector No.	M143
Connector Name	YAW RATE / SIDE G SENSOR
Connector Type	HAZARD-5



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	Y	-
3	SB	-
4	G	-

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	IN13B7-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 2 (+)
6	Y	AS 1 (+)
7	Y	AS 1 (-)
8	Y	AS 2 (+)
9	Y	AS 2 (-)
18	R	EC2S (+)
19	L	EC2S (-)
22	SHIELD	GND
23	R	AIRBAG W/L
24	P	SEAT BELT
25	R	CUTOFF TAILALE
51	W	SATELLITE IN2 (+)

52	B	SATELLITE IN2 (-)
53	Y	SATELLITE IN2 (+)
54	BR	SATELLITE IN2 (-)
57	O	DEPLOYMENT INFORMATION, OUTPUT
59	L	CAN-H
60	P	CAN-L

Connector No.	NZ42
Connector Name	TRIPLE METER
Connector Type	TH12FM-NH



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

Connector No.	NZ55
Connector Name	S-MODE SWITCH
Connector Type	TR04EGY



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

Connector No.	R6
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10F-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
6	BR	-
8	BRW	-
10	BY	-

JRMWH3621GB

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

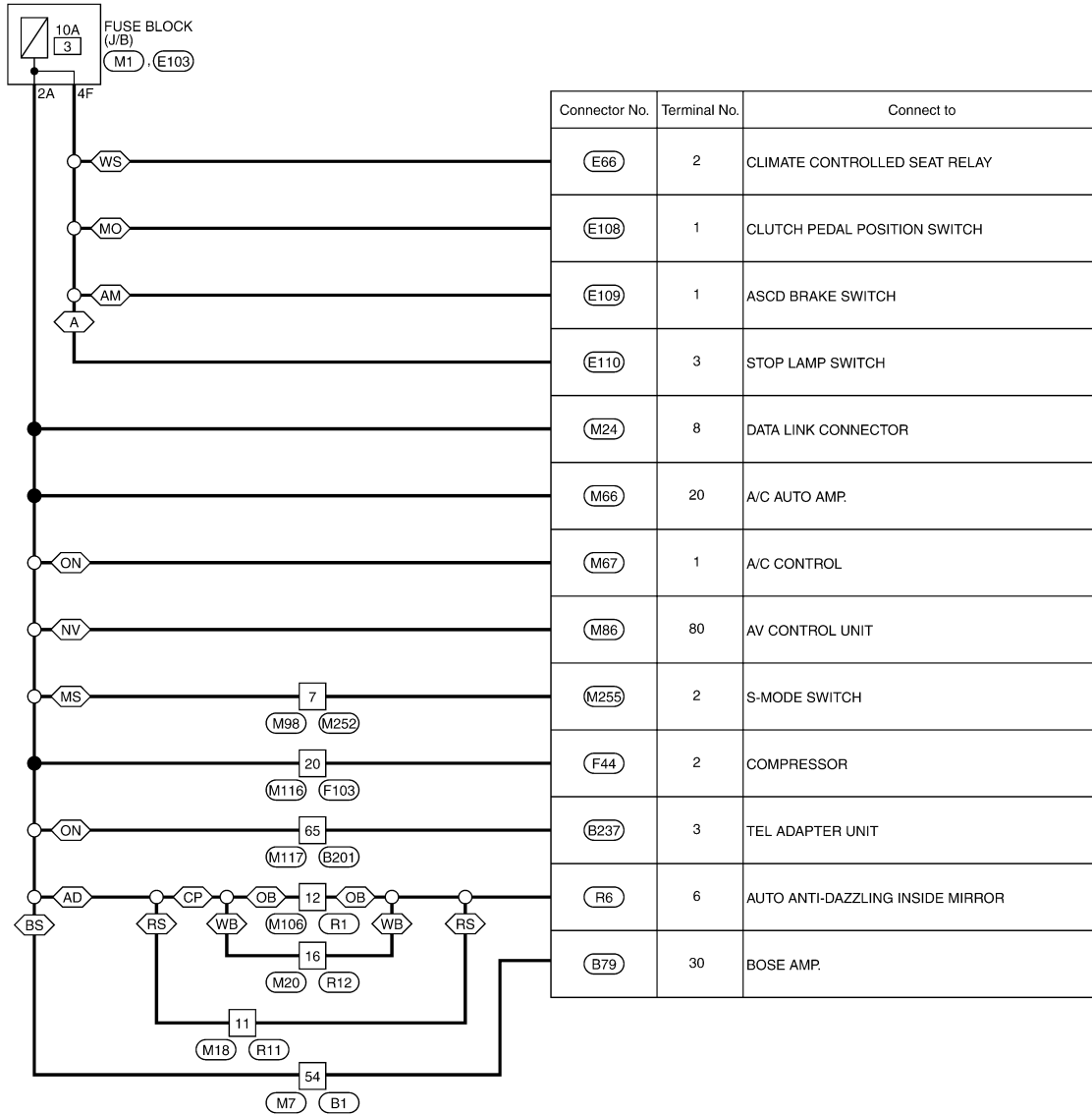
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000011735908

IGNITION POWER SUPPLY FUSE No. 3

- | | |
|---|--|
| (A) : With A/T | (WS) : With climate controlled seat |
| (MS) : With M/T and SynchroRev Match mode | (AD) : With auto anti-dazzling inside mirror |
| (AM) : With A/T or with M/T and SynchroRev Match mode | (NV) : With NAVI |
| (MO) : With M/T without SynchroRev Match mode | (ON) : Without NAVI |
| (CP) : Coupe models | (BS) : Coupe models with BOSE system |
| (RS) : Roadster models | (OB) : Without BOSE system |
| | (WB) : With BOSE system |



2015/01/09

JRMWH3622GB

POWER SUPPLY ROUTING CIRCUIT



< DTC/CIRCUIT DIAGNOSIS >

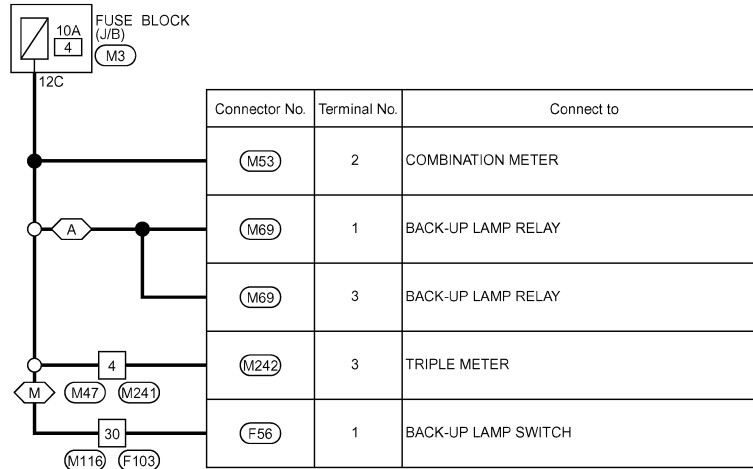
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -

INFOID:0000000011735909

IGNITION POWER SUPPLY FUSE No. 4

 With A/T
 With M/T



2008/09/12

JCMWA3306GB

PG

N

O

P

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

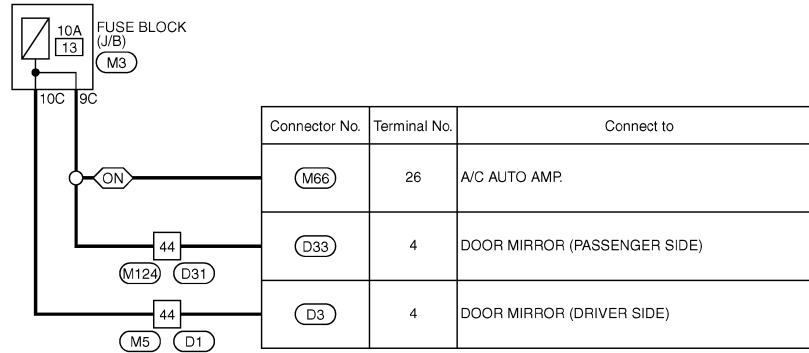
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 13 -

INFOID:000000011735910

IGNITION POWER SUPPLY FUSE No. 13

ON : Without NAVI



2010/09/22

JCMWA6379GB

POWER SUPPLY ROUTING CIRCUIT

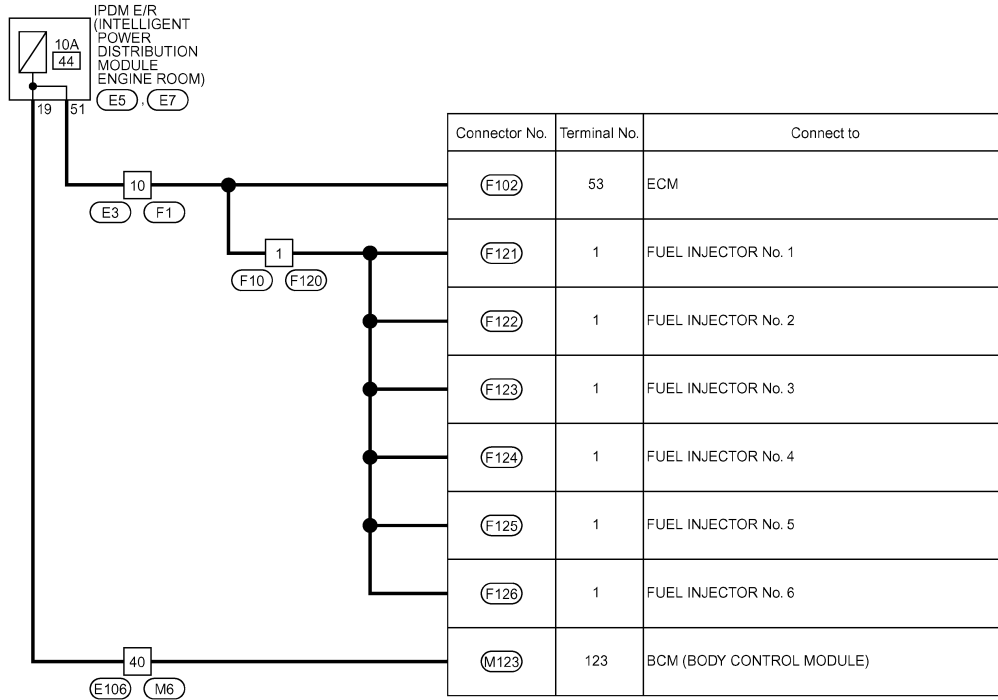
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:0000000011735911

IGNITION POWER SUPPLY FUSE No. 44



2008/09/12

JCMWA3309GB

PG

N

O

P

POWER SUPPLY ROUTING CIRCUIT

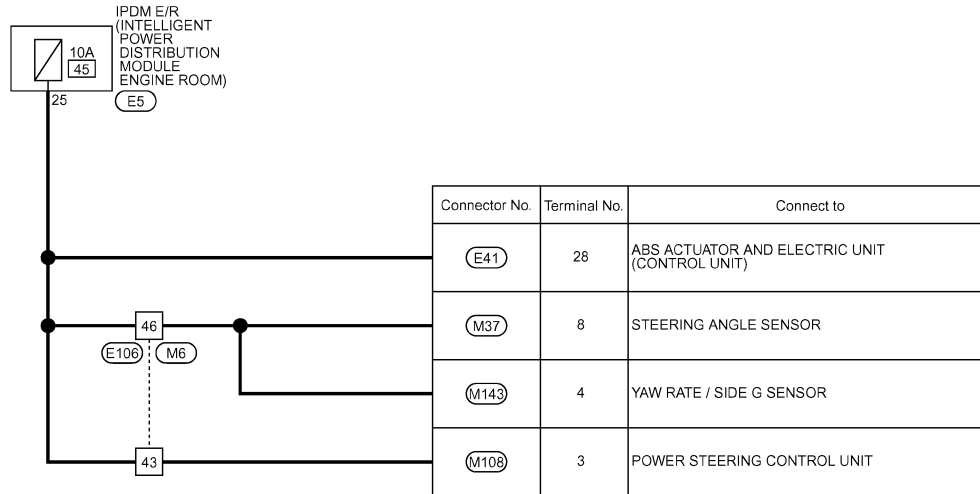
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:0000000011735912

IGNITION POWER SUPPLY FUSE No. 45



2008/09/12

JCMWA3312GB

POWER SUPPLY ROUTING CIRCUIT

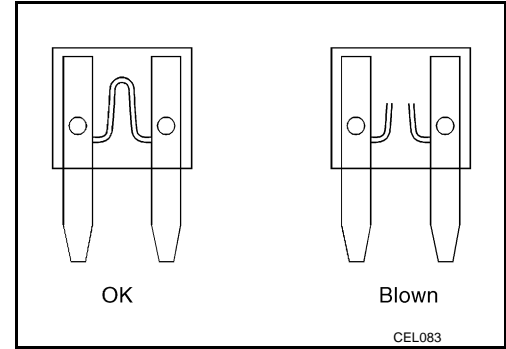
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Fuse

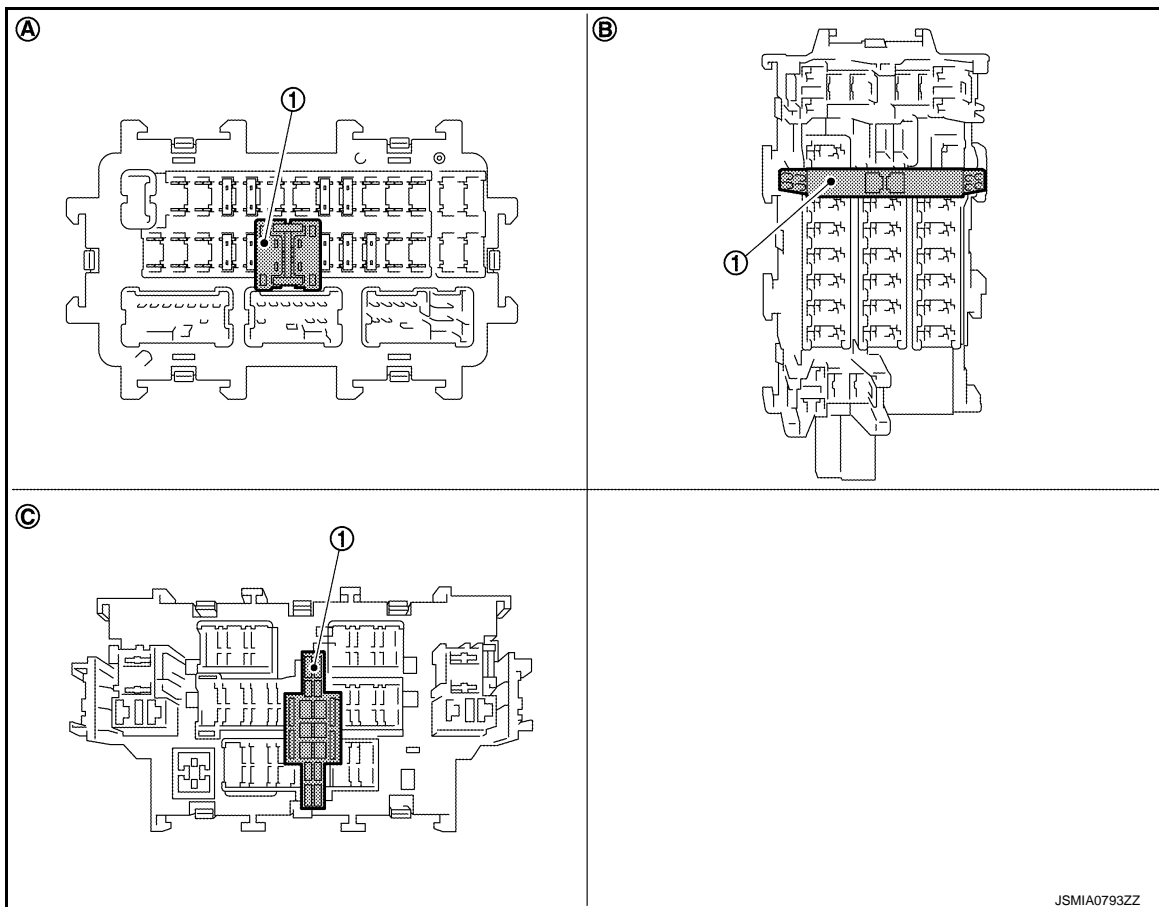
INFOID:000000011735913

- 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.



EXTENDED STORAGE FUSE SWITCH (IF EQUIPPED)

The following switch may be mounted on the fuse block (Junction Box) for transportation and storage.



1. Extended storage fuse switch

A. Type A

B. Type B

C. Type C

- Remove the extended storage fuse switch when replacing the fuse of extended storage fuse switch.
- Remove the extended storage fuse switch if it causes the interference when the fuse or the other fuses is checked.

How To Extended Storage Fuse Switch ON/OFF

CAUTION:

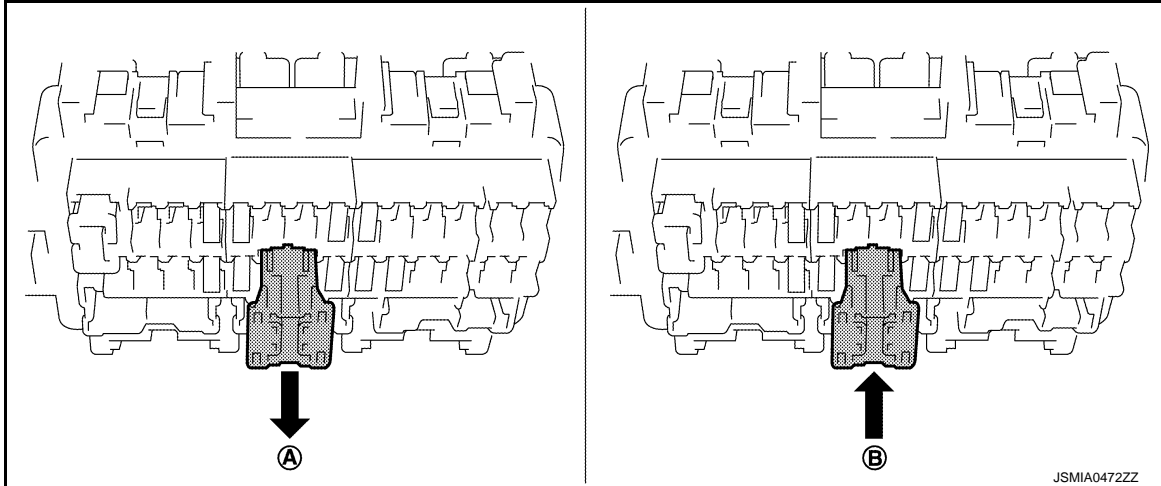
- Turn the ignition switch OFF when operating the extended storage fuse switch.
- Under normal conditions, keep the extended storage fuse switch in ON state. Never operate the extended storage fuse switch except when necessary.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

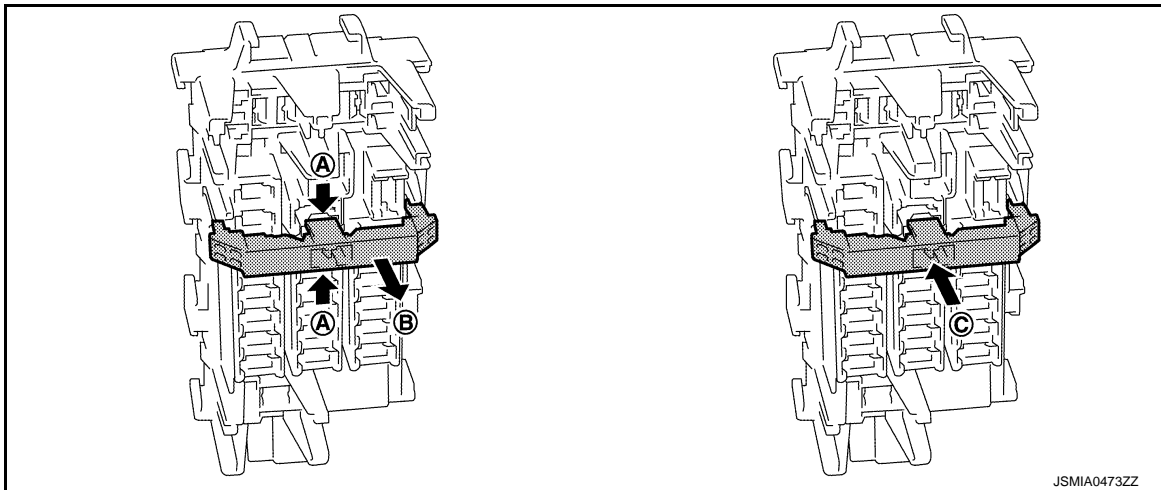
[POWER SUPPLY&GROUND CIRCUIT]

• Type A



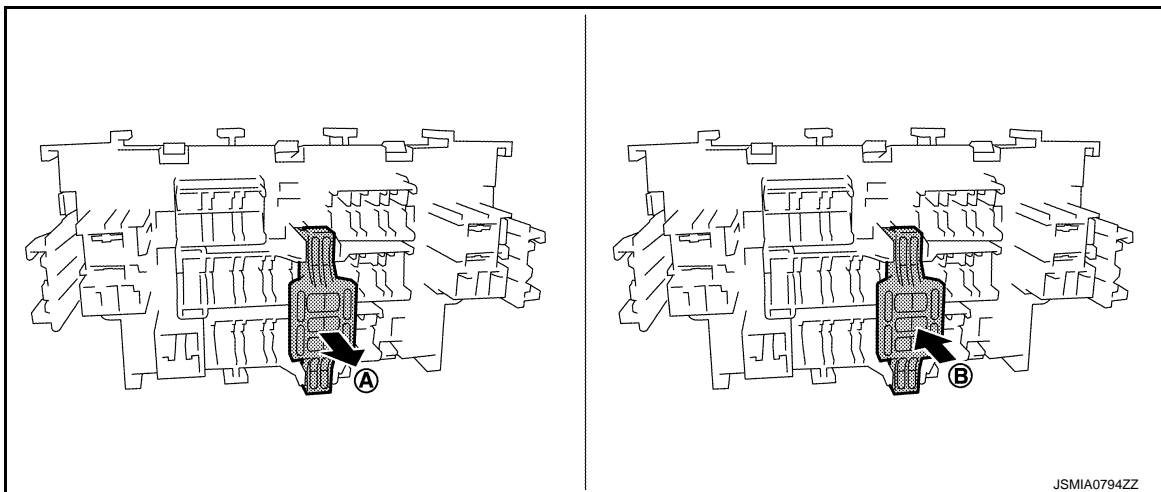
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

• Type B



- To turn the extended storage fuse switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (C) direction as shown in the figure.

• Type C



- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

How To Remove Extended Storage Fuse Switch

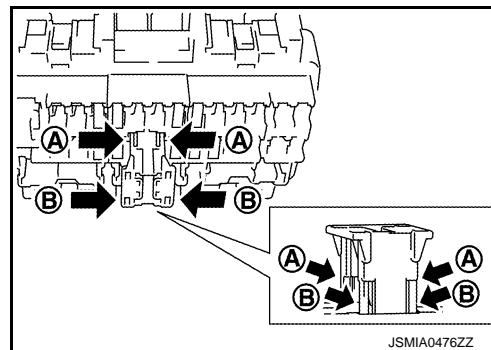
Type A

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Press pawl (A) and tilt to disengage the extended storage fuse switch. Press pawl (B) and tilt to remove the extended storage fuse switch.

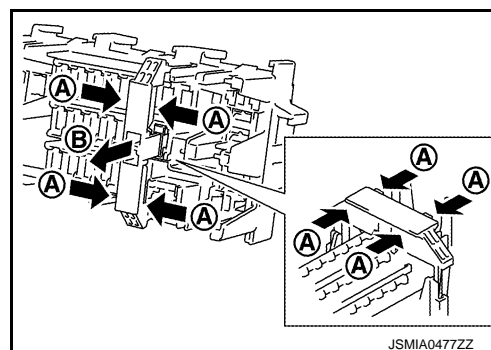


NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type B

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.

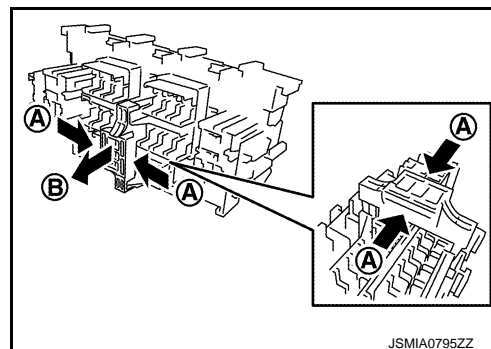


NOTE:

- Extended storage fuse switch and fuse may be removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type C

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Fusible Link

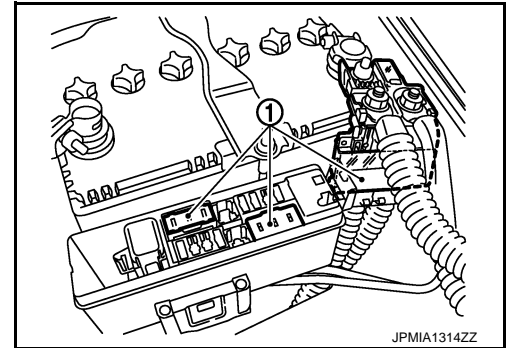
INFOID:0000000011735914

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:

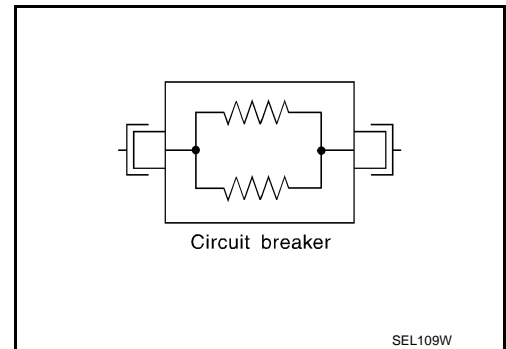
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:0000000011735915

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.



GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

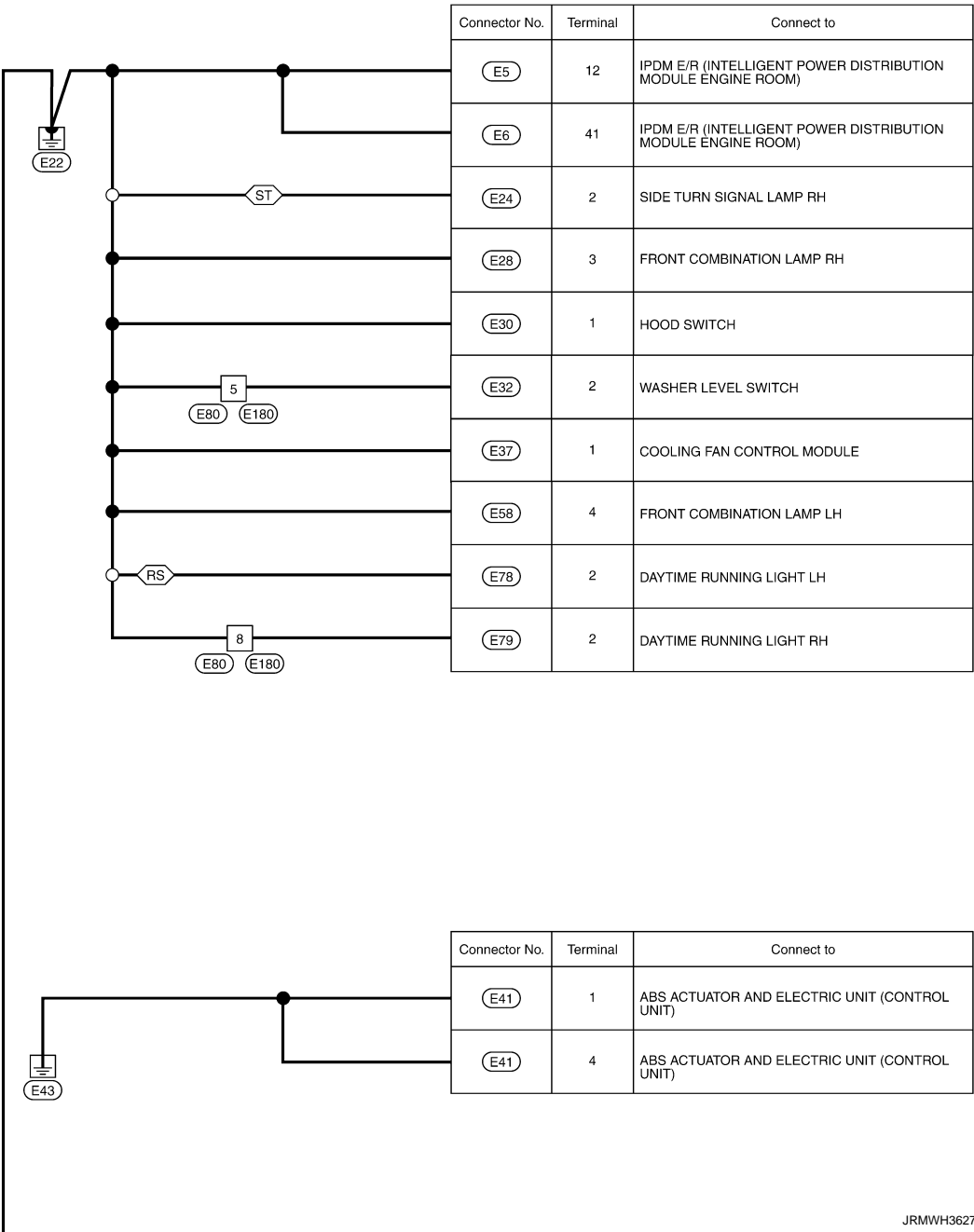
GROUND DISTRIBUTION

Engine Room Harness

INFOID:0000000012083649

ENGINE ROOM HARNESS

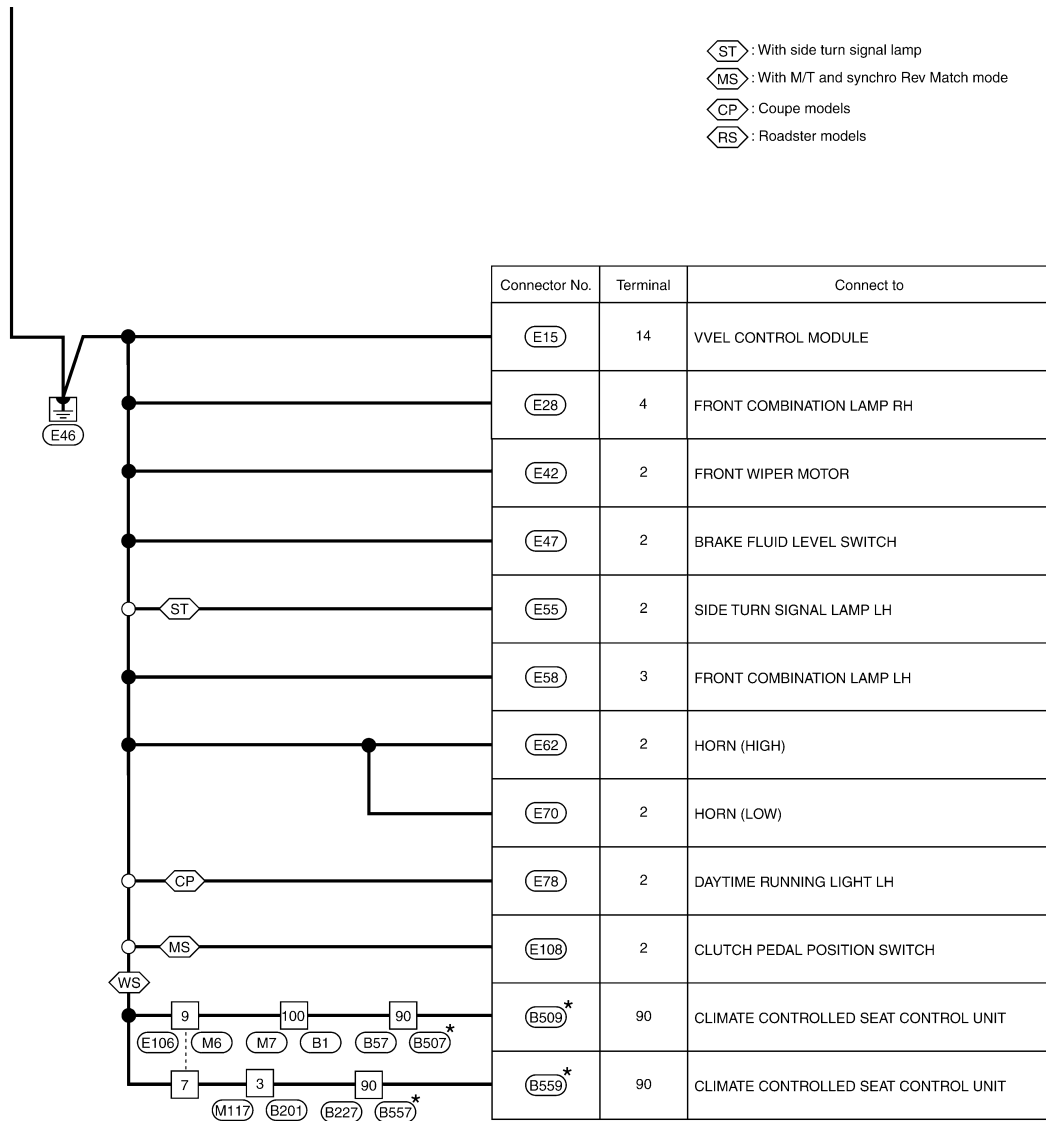
WS : With climate controlled seat



GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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

2015/01/09

JRMWH3628GB

GROUND DISTRIBUTION

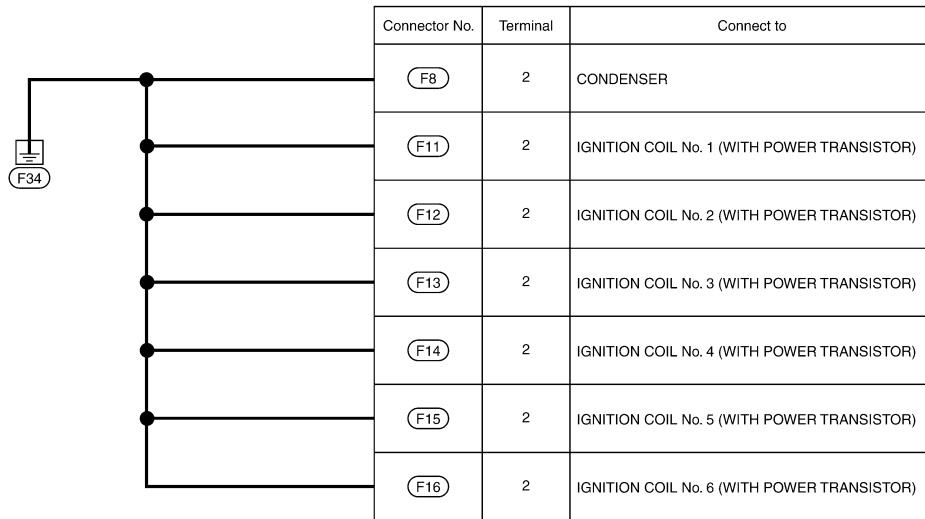
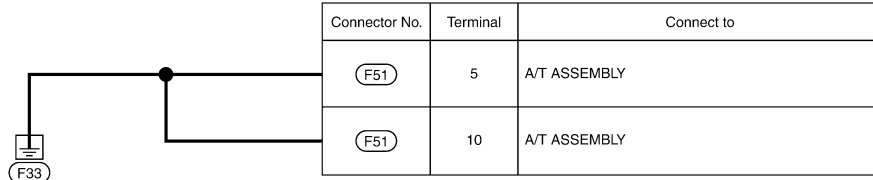
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Engine Control Harness

INFOID:0000000012083650

ENGINE CONTROL HARNESS



2015/01/09

JRMWH3626GB

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

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

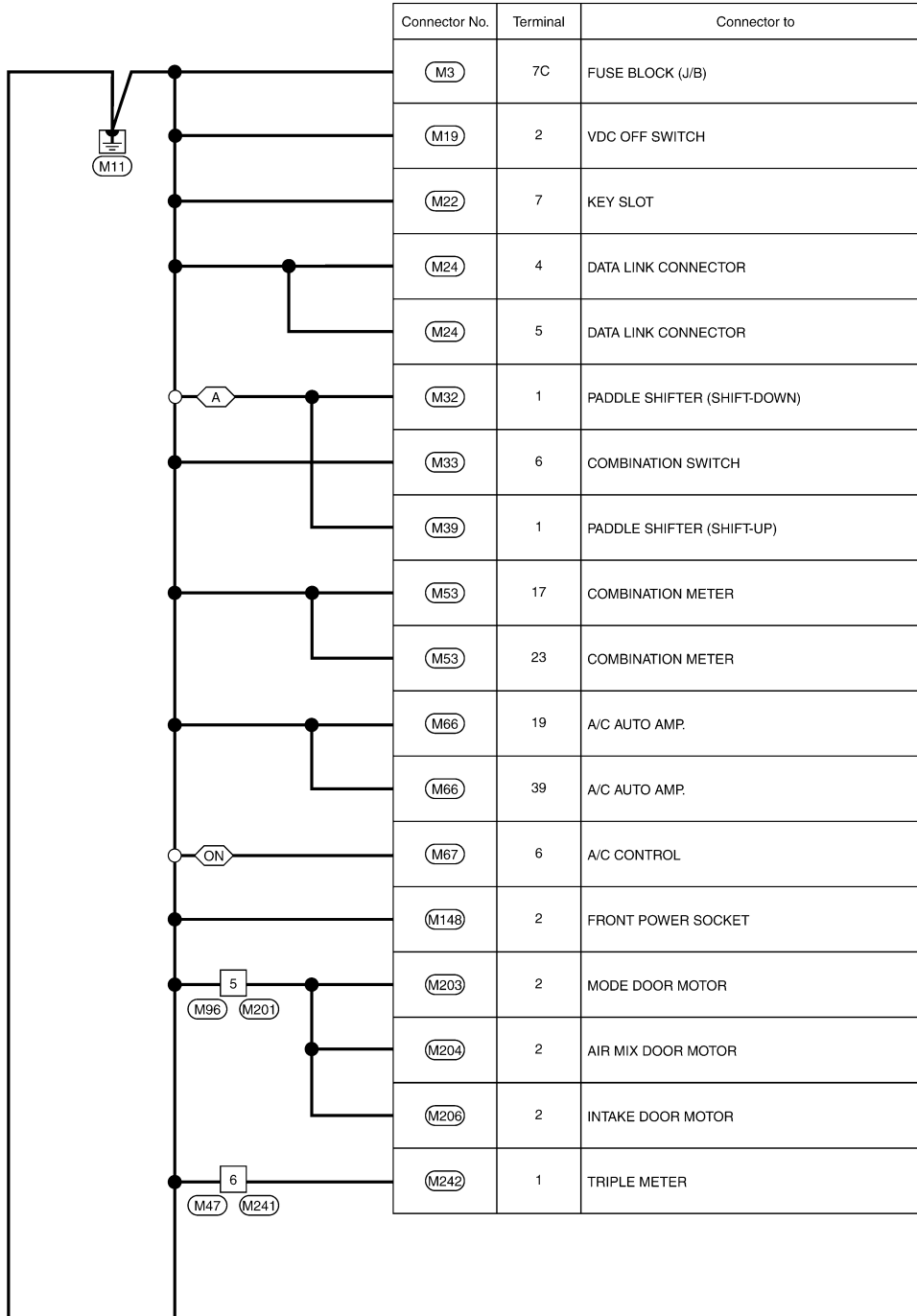
INFOID:000000012083651

MAIN HARNESS

XM : Except for Mexico
 OB : Without BOSE system
 A : With A/T
 M : With M/T
 CP : Coupe models
 RS : Roadster models
 ON : Without NAVI

*1 75 : RS *2 72 : RS
 76 : CP 73 : CP

WS : With climate controlled seat
 MX : For Mexico
 WB : With BOSE system
 MS : With M/T and SynchroRev Match mode

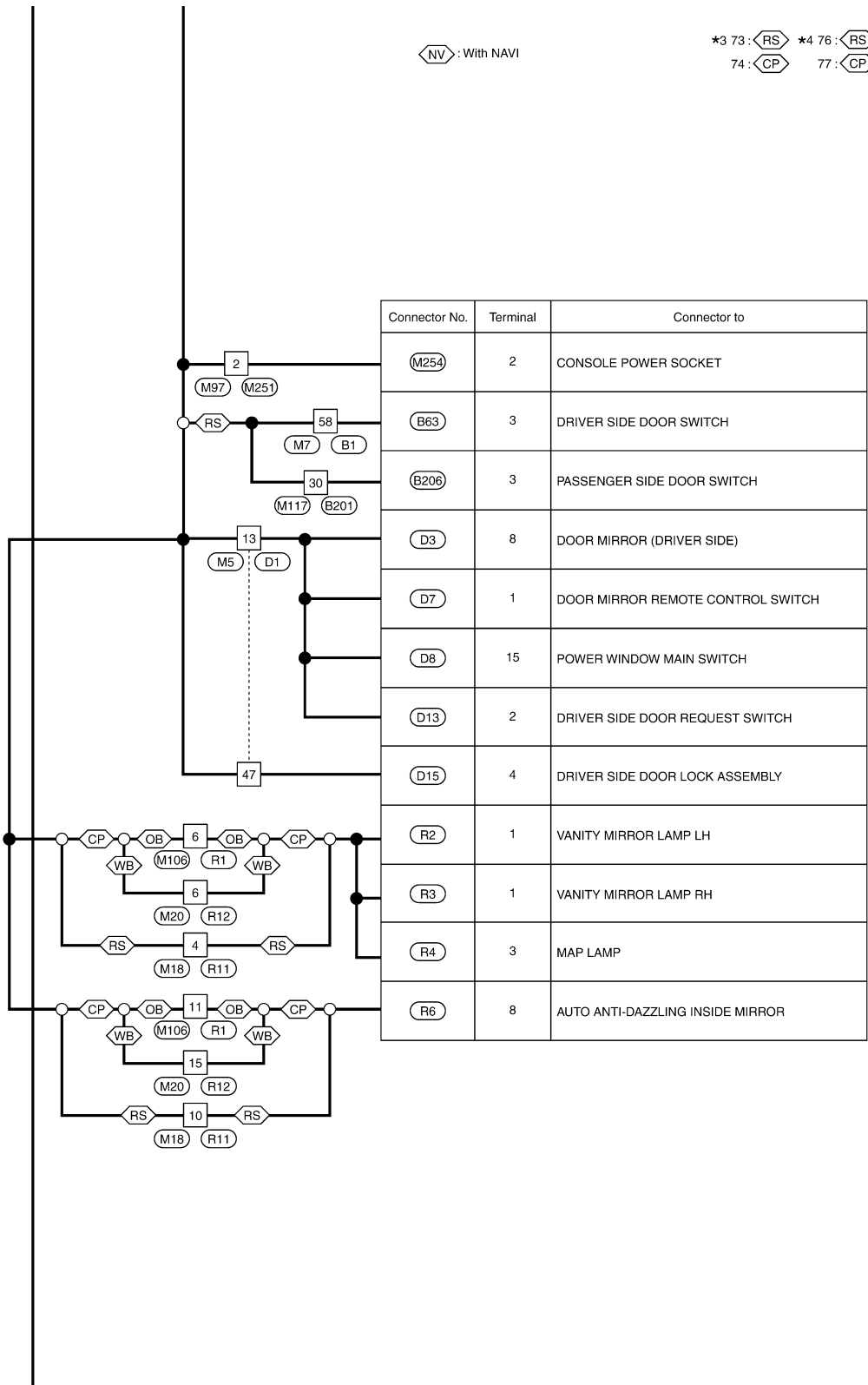


JRMWH3629GB

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

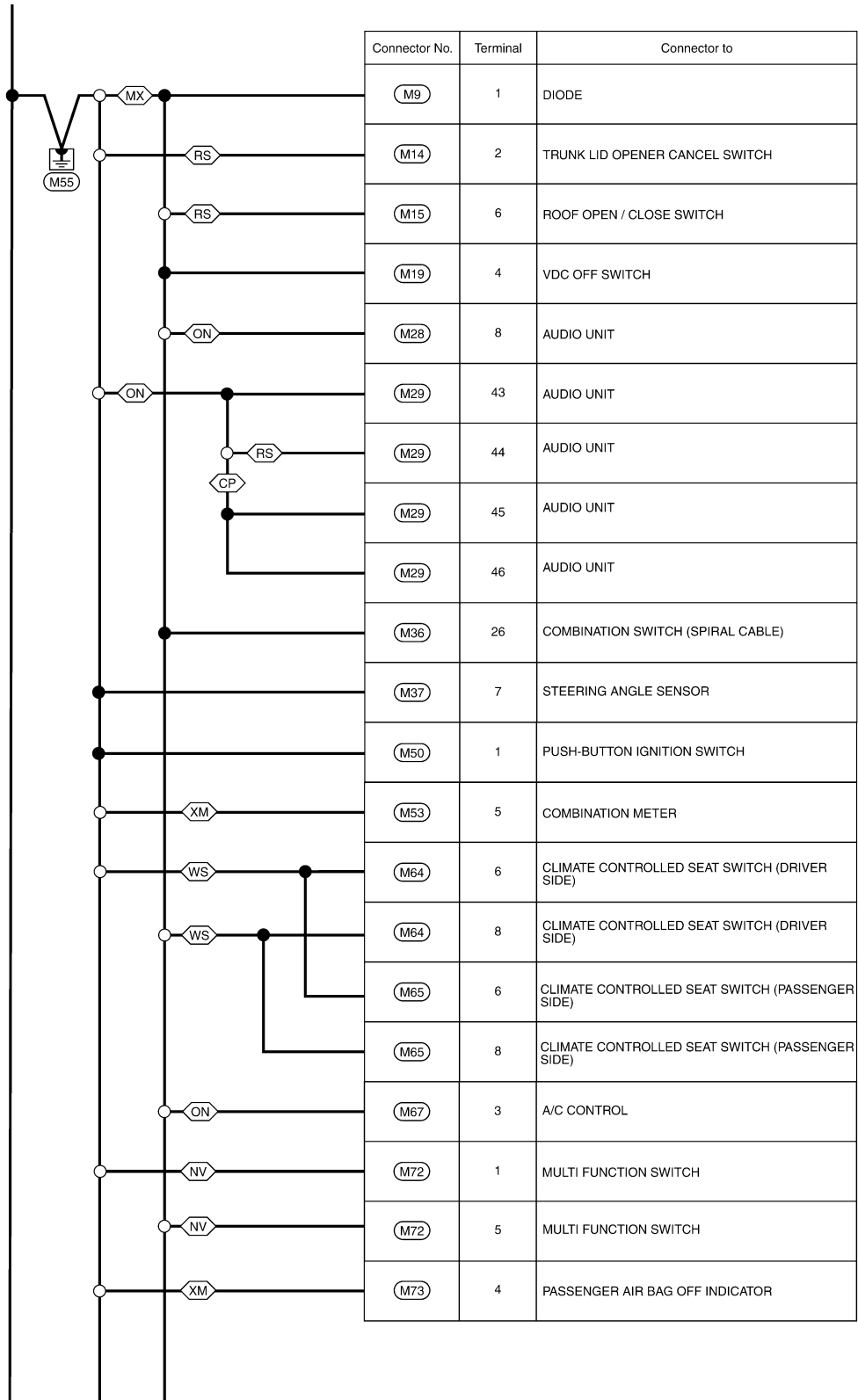


A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

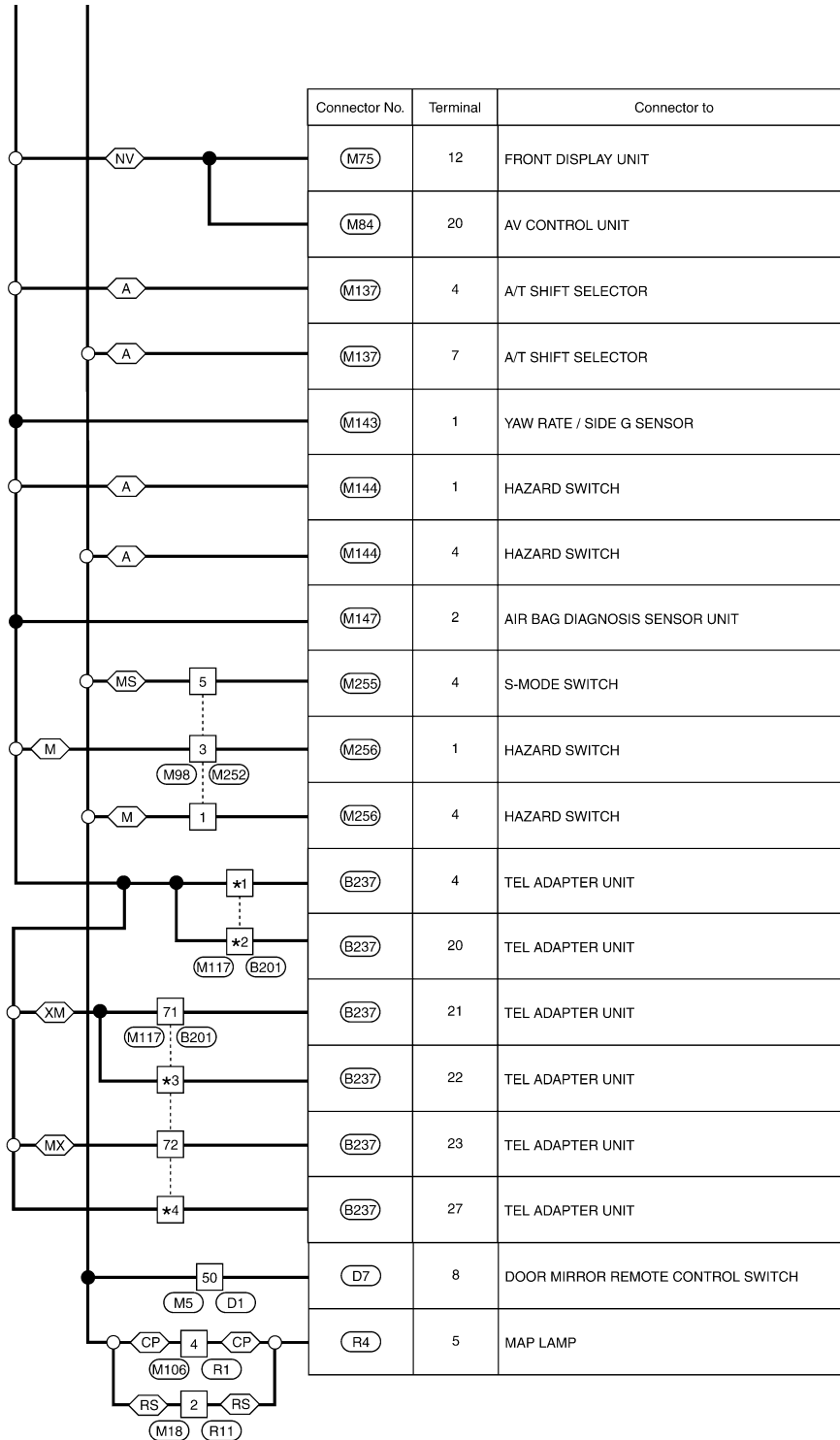


JRMWH3631GB

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



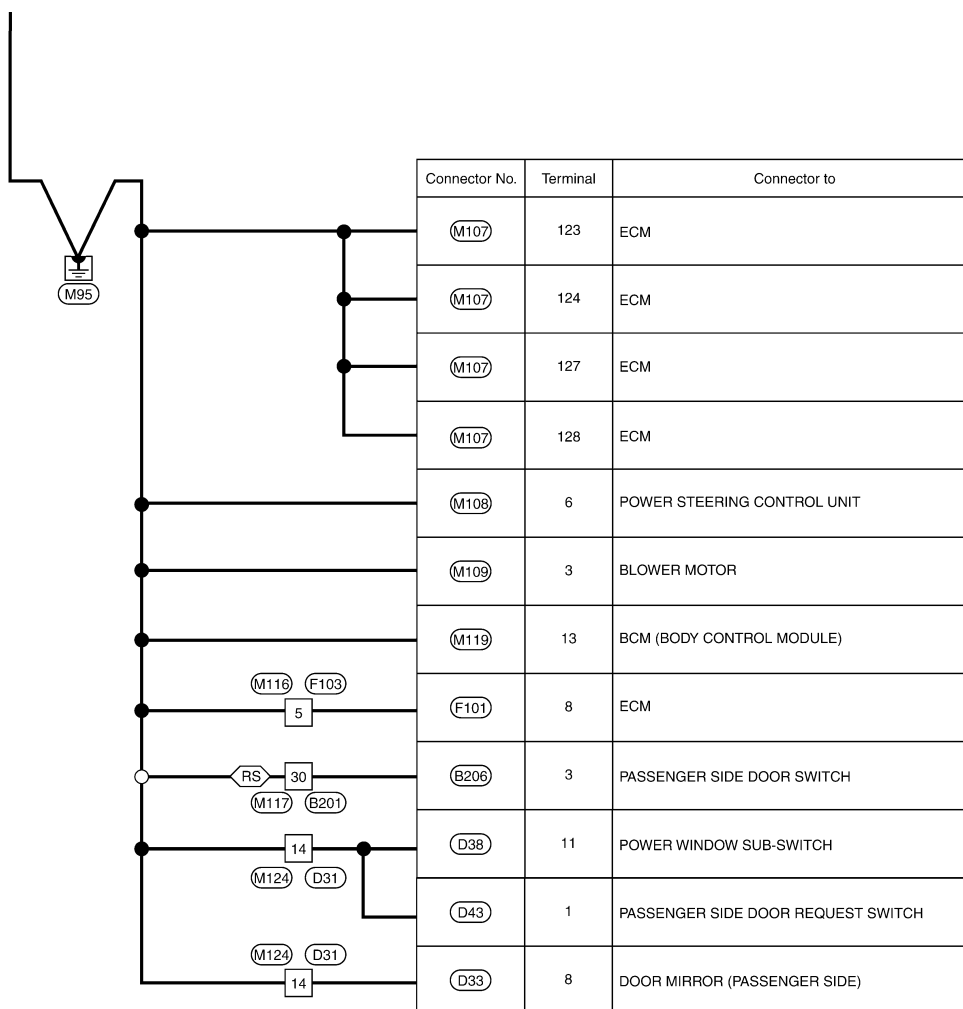
JRMWH3632GB

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

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



2015/01/09

JRMWH3633GB

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

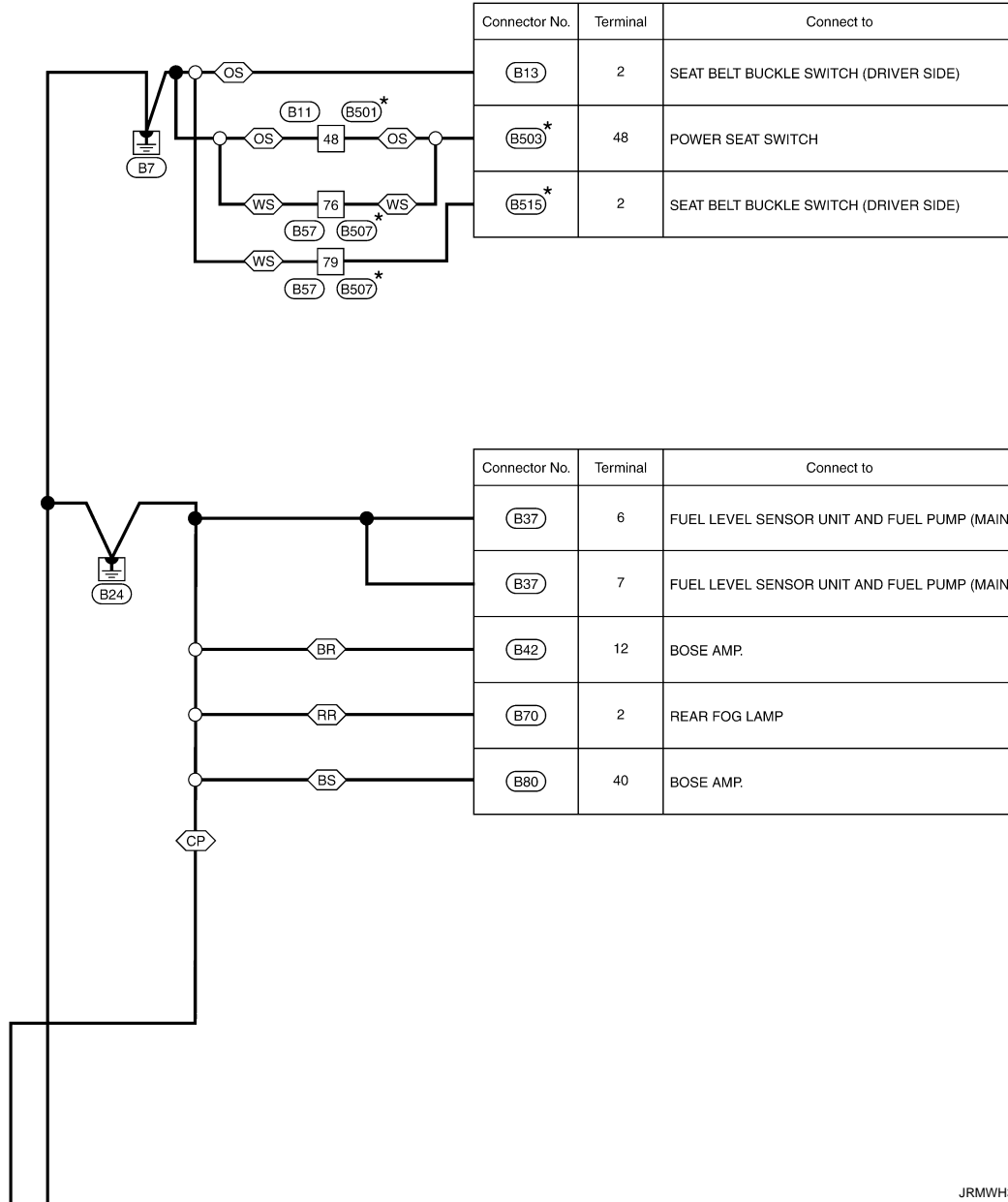
[POWER SUPPLY&GROUND CIRCUIT]

Body Harness

INFOID:0000000012083652

BODY HARNESS

- <RR> : With rear fog lamp <OS> : Without climate controlled seat
 <CP> : Coupe models <WS> : With climate controlled seat
 <RS> : Roadster models



JRMWH3623GB

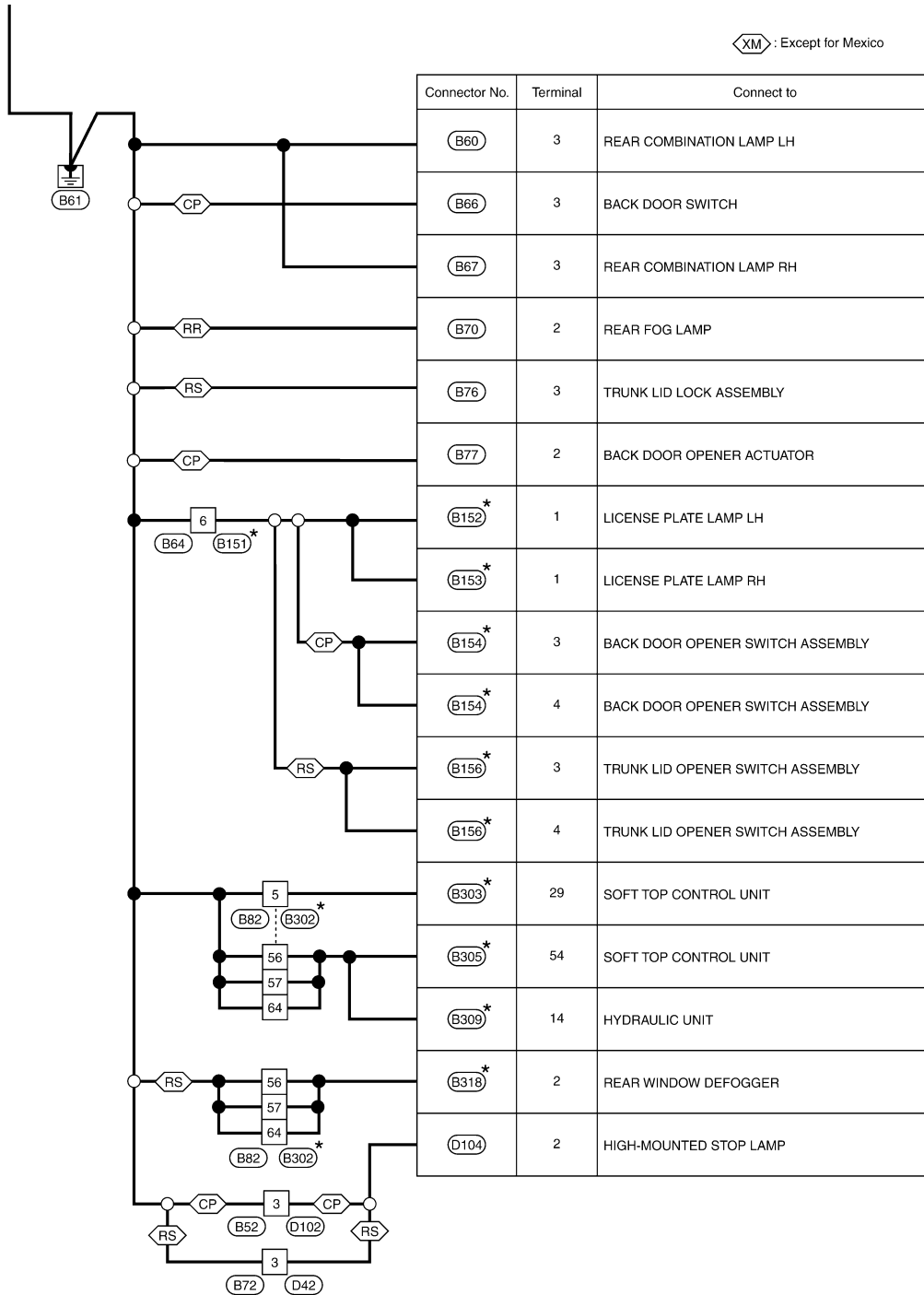
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

XM : Except for Mexico



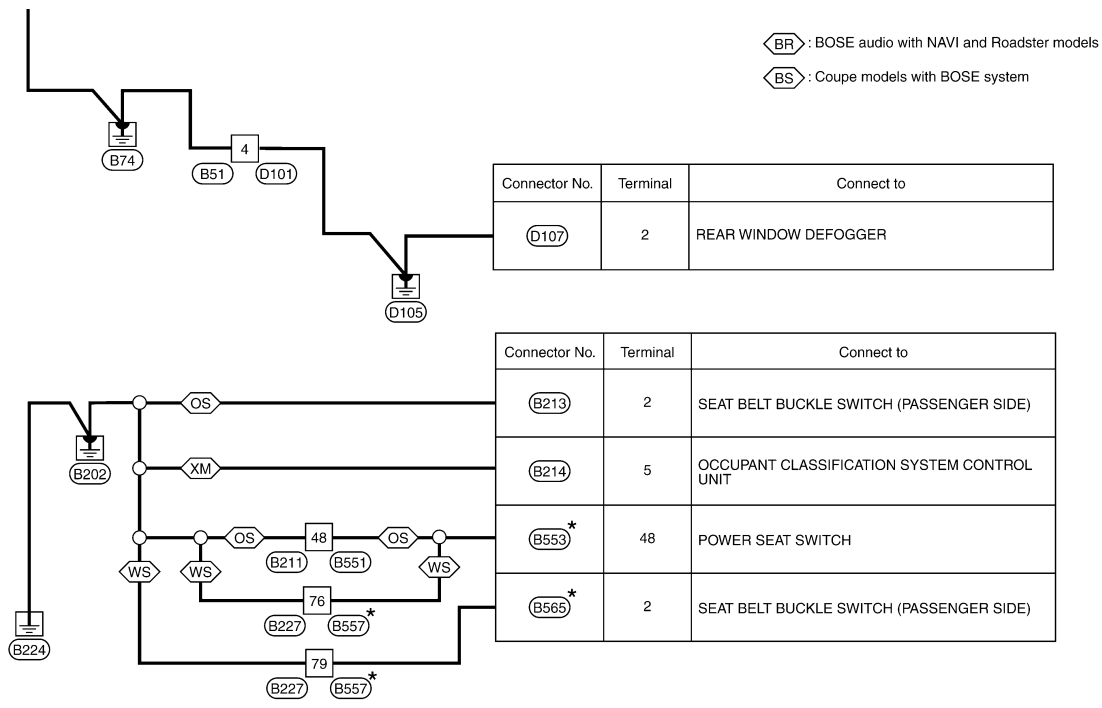
*: This connector is not shown in "Harness Layout".

JRMWH3624GB

GROUND DISTRIBUTION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



2015/01/09

JRMWH3625GB

HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

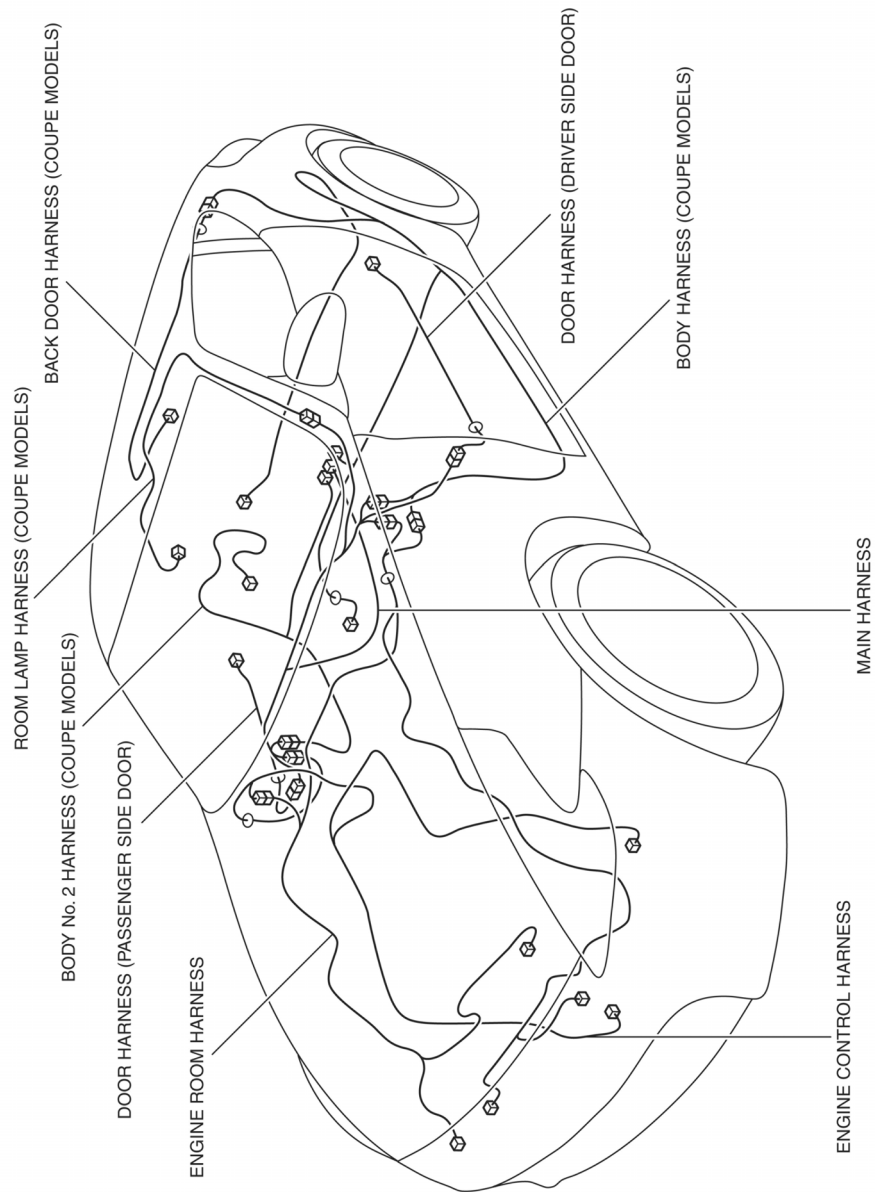
HARNESS LAYOUT

Outline

INFOID:0000000011735916

COUPE MODELS

OUTLINE (COUPE MODELS)



2013/04/25

JRMIC2910GB

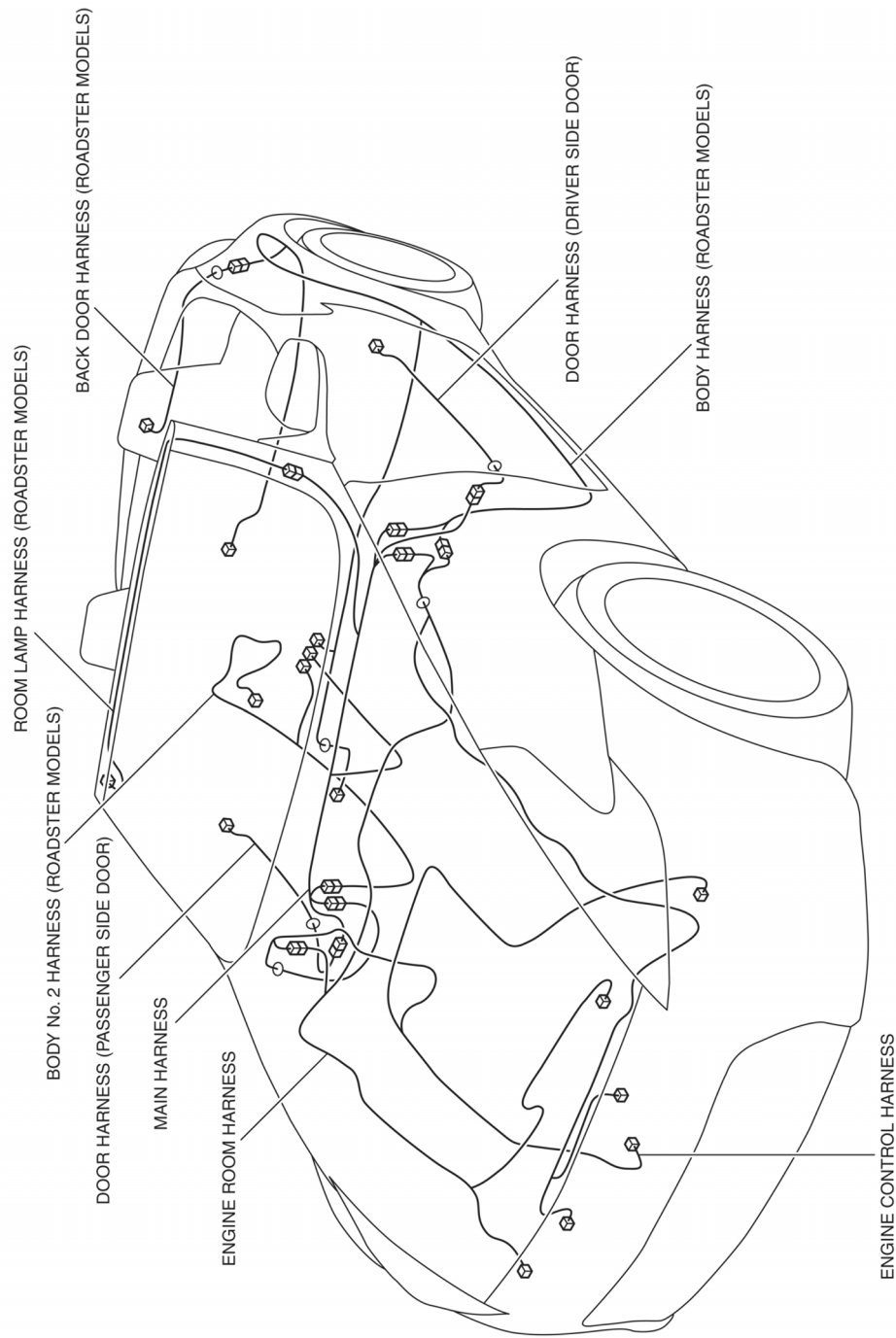
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ROADSTER MODELS

OUTLINE (ROADSTER MODELS)



2013/04/25

JRMIC2911GB

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

HARNESS LAYOUT

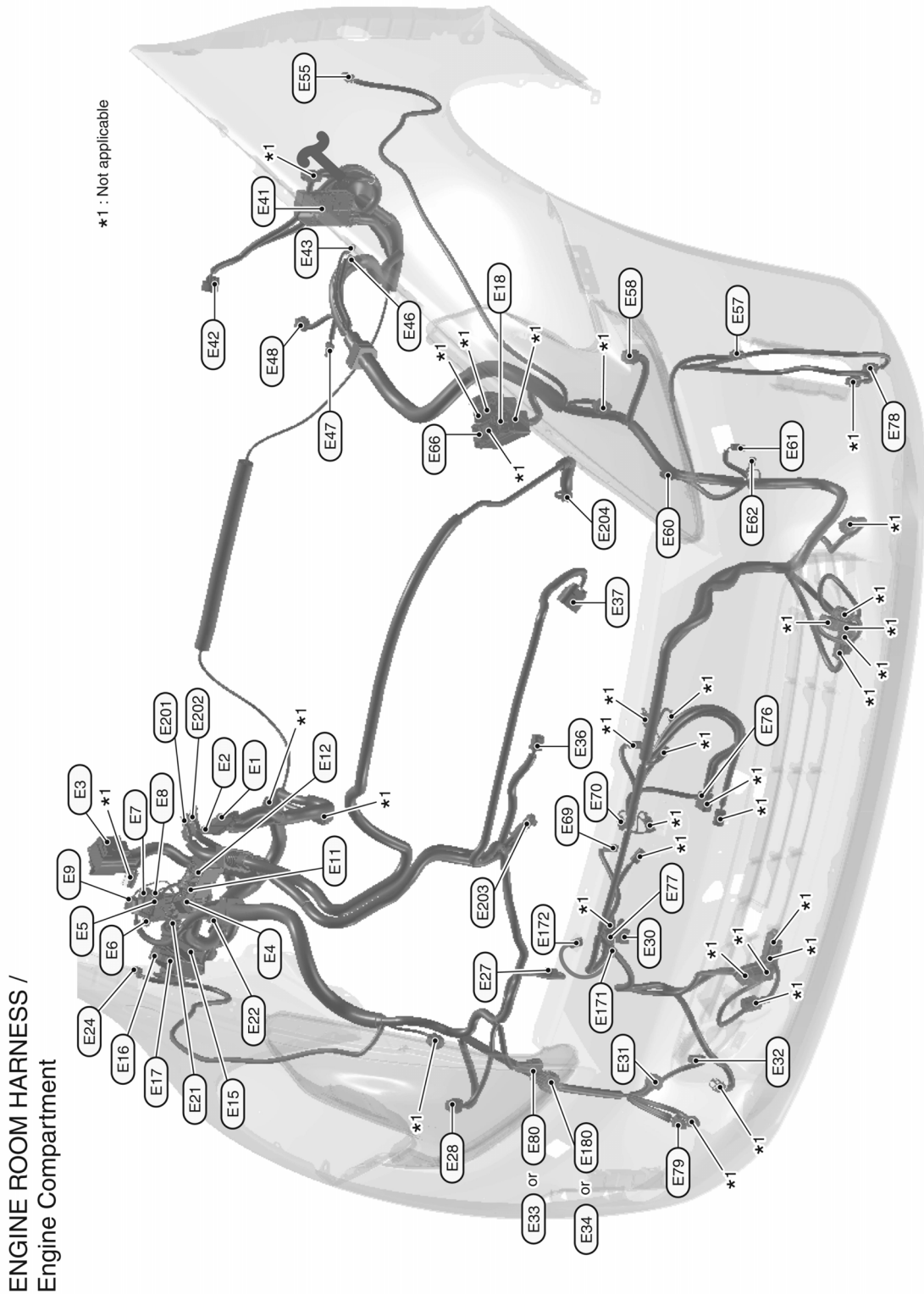
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Engine Room Harness

INFOID:000000011735917

Engine compartment



JRMIC5965GB

2015/01/16

HARNESS LAYOUT

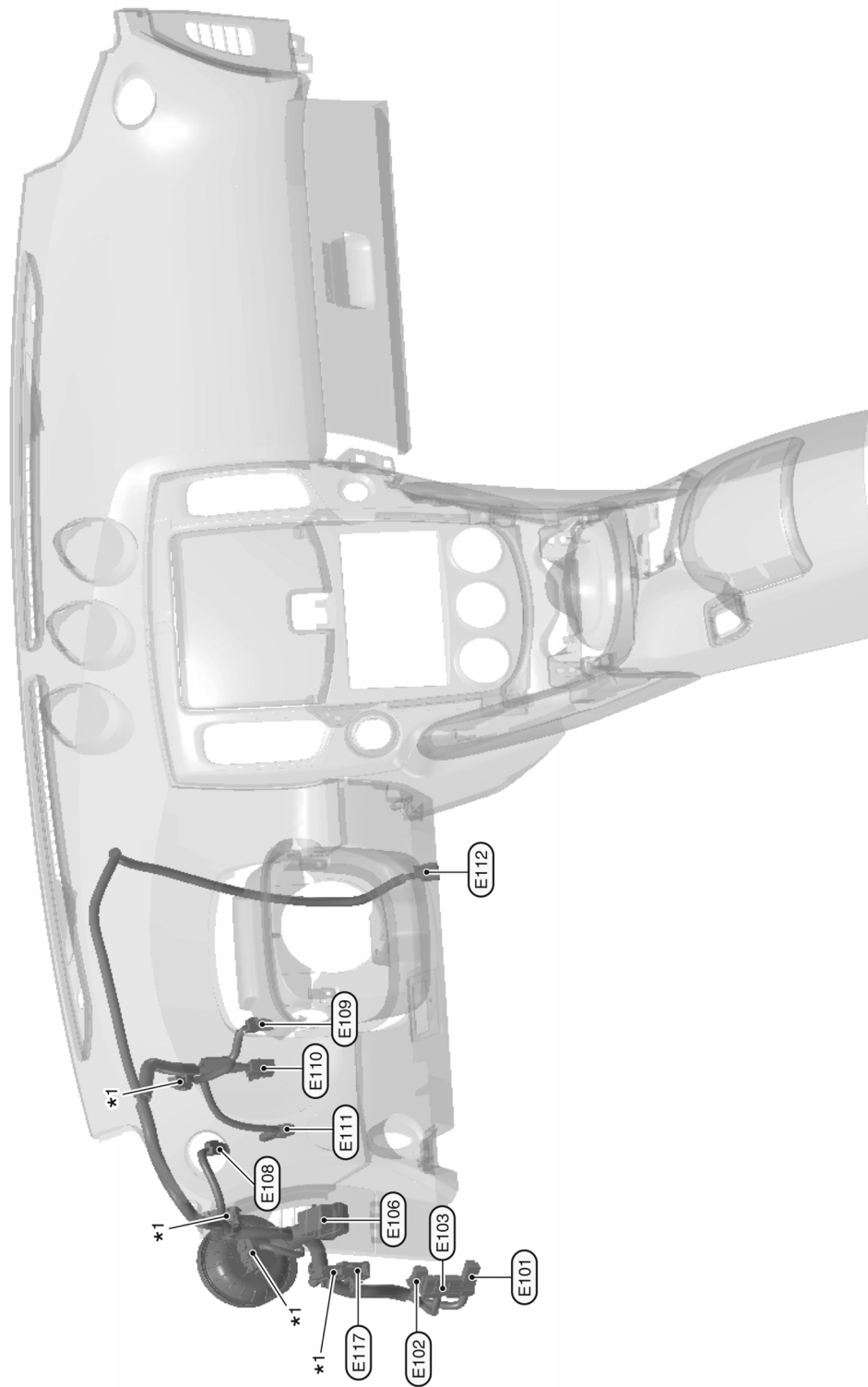
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Passenger compartment

Passenger Compartment

*1 : Not applicable



2015/01/16

JRMIC5966GB

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

HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

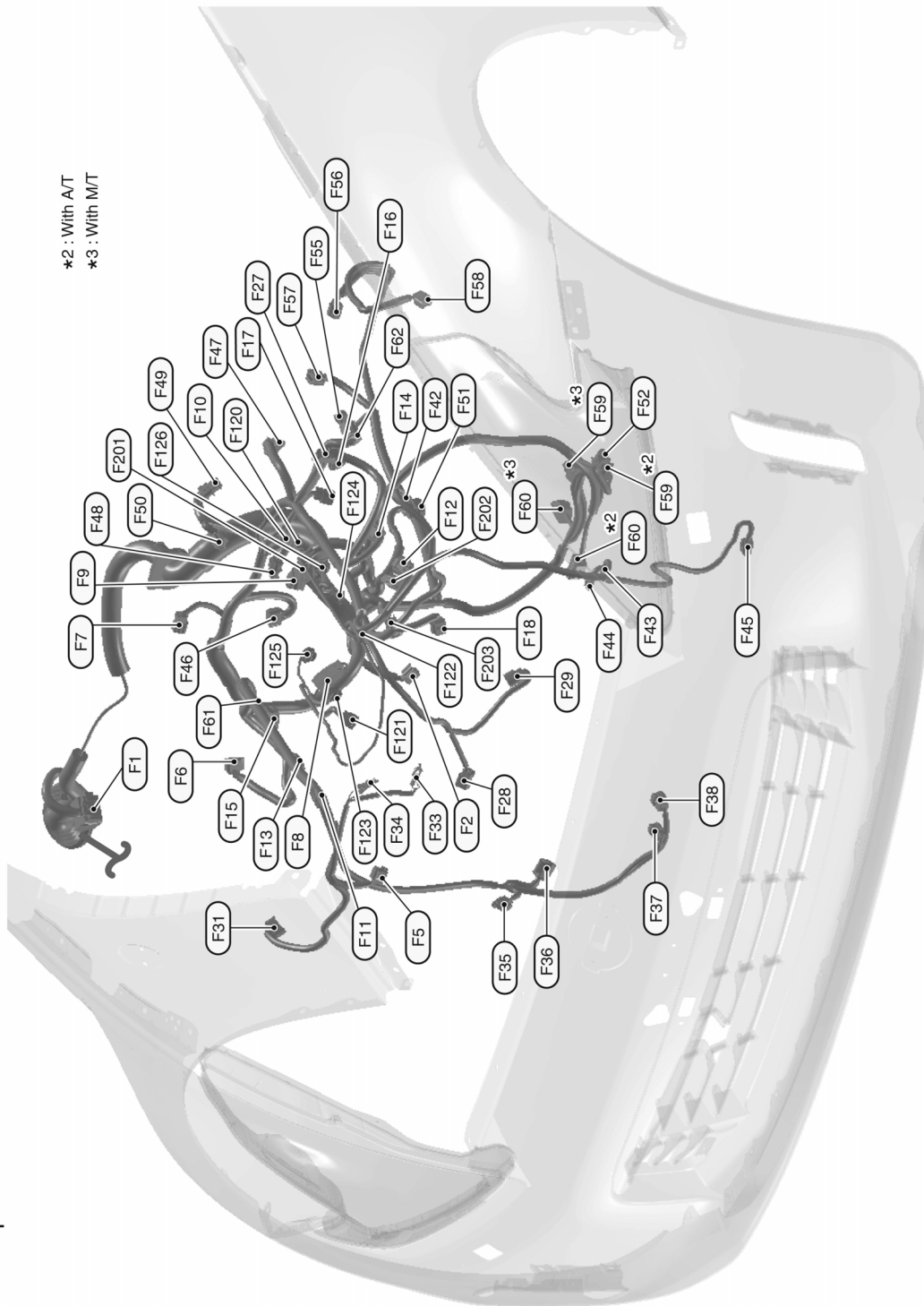
[POWER SUPPLY&GROUND CIRCUIT]

Engine Control Harness

INFOID:000000011735918

Engine compartment

ENGINE CONTROL HARNESS /
Engine Compartment



*2 : With A/T
*3 : With M/T

JRMIC5967GB
2015/01/16

HARNESS LAYOUT

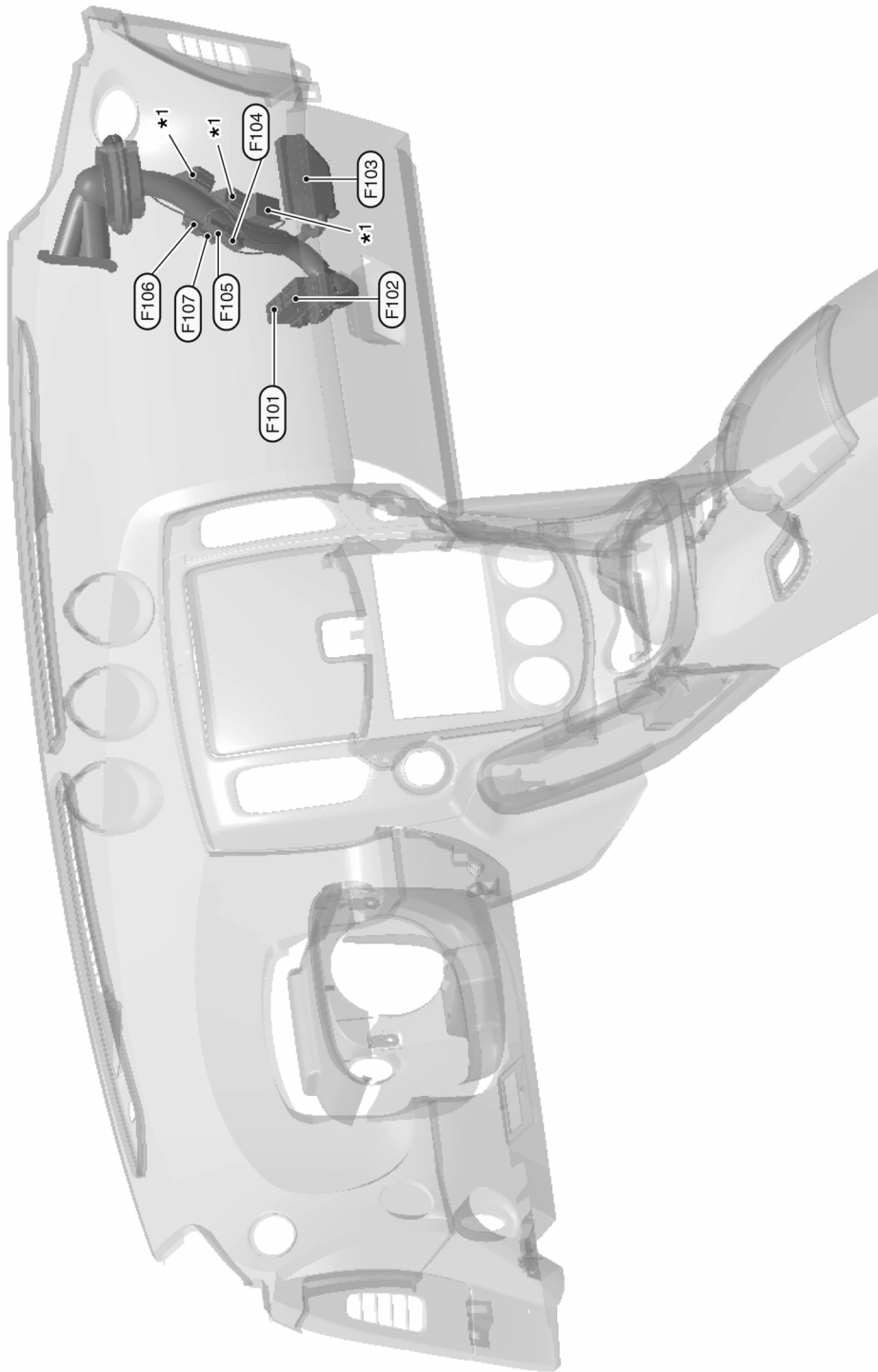
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Passenger compartment

Passenger Compartment

*1 : Not applicable



2015/01/16

JRMIC5968GB

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

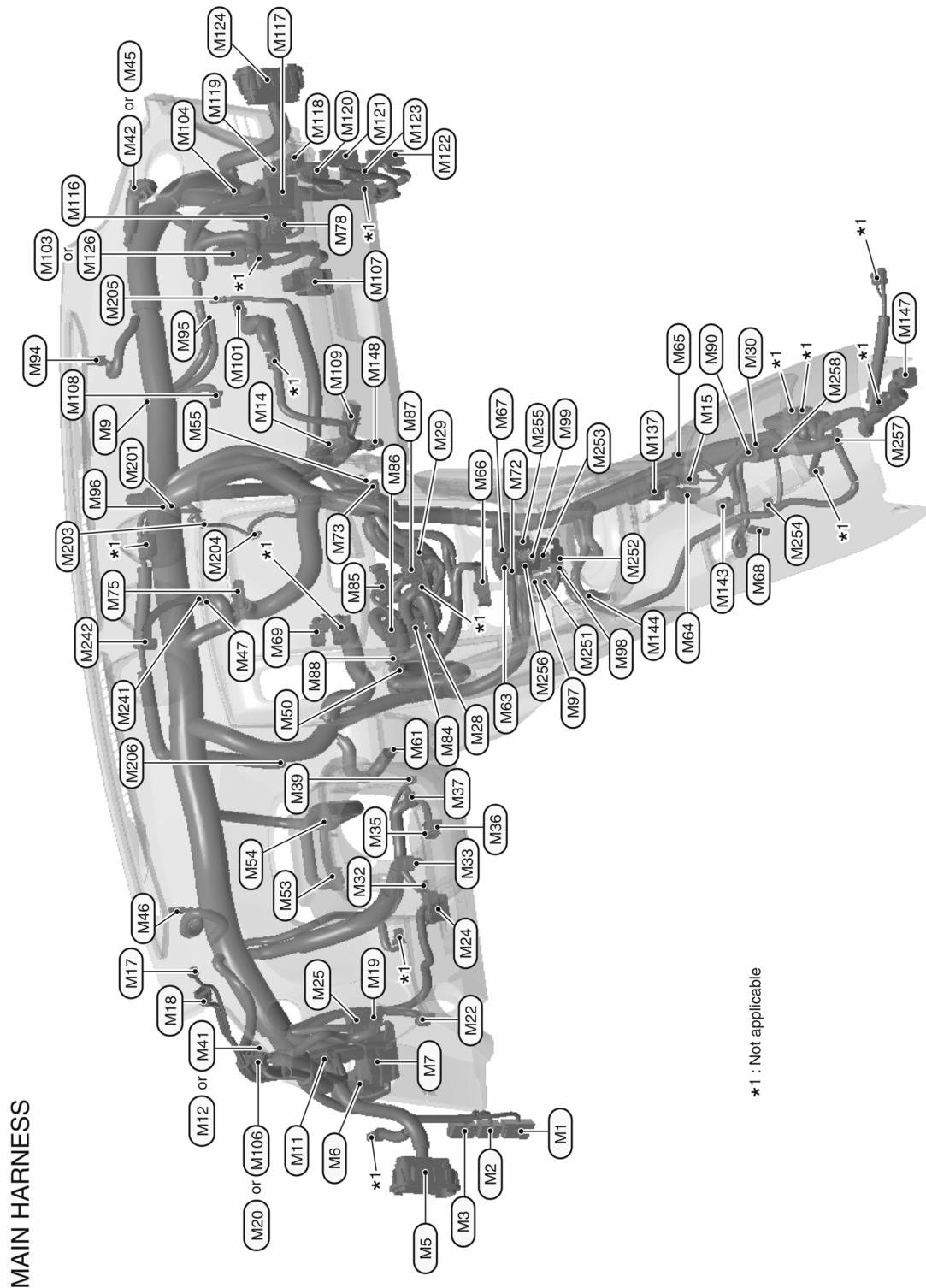
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Main Harness

INFOID:0000000011735919



MAIN HARNESS

*1 : Not applicable

2015/01/16

JRMIC5969GB

Body Harness

INFOID:0000000011735920

BODY HARNESS

HARNESS LAYOUT

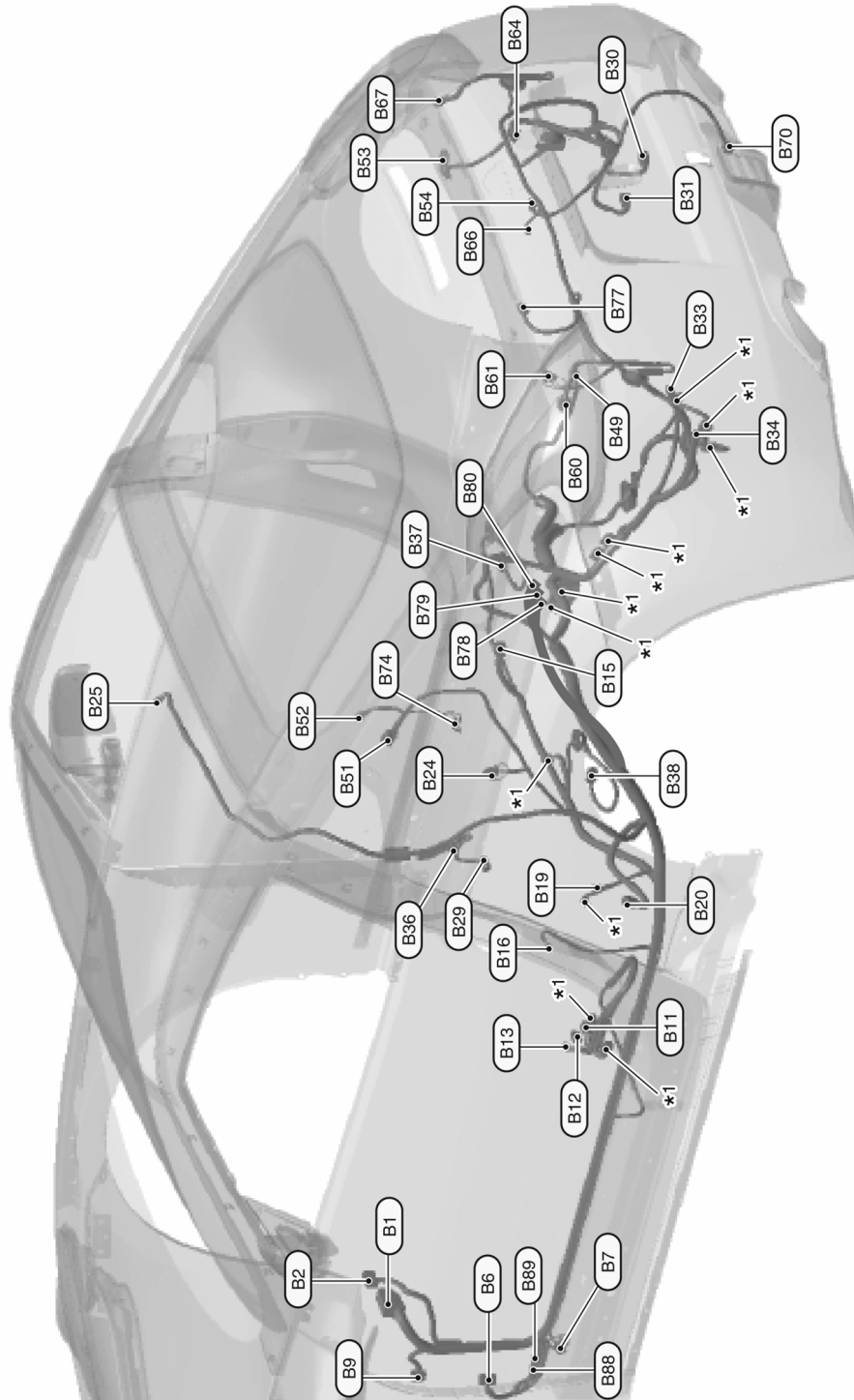
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe models

BODY HARNESS (COUPE MODELS)

*1 : Not applicable



JRMIC5970GB

2015/01/16

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

HARNESS LAYOUT

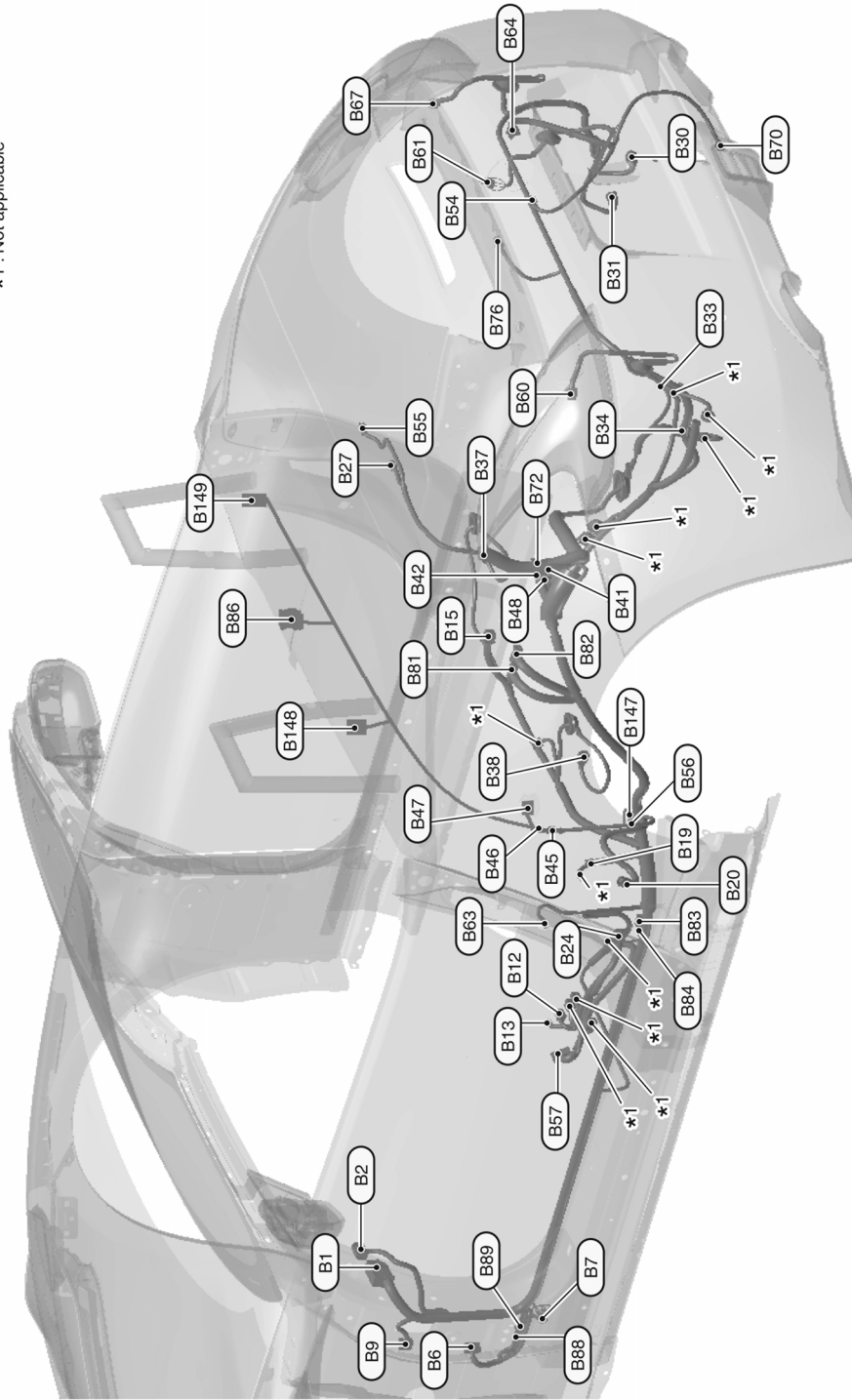
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster models

BODY HARNESS (ROADSTER MODELS)

*1 : Not applicable



2015/01/16

JRMIC5971GB

BODY No. 2 HARNESS

HARNESS LAYOUT

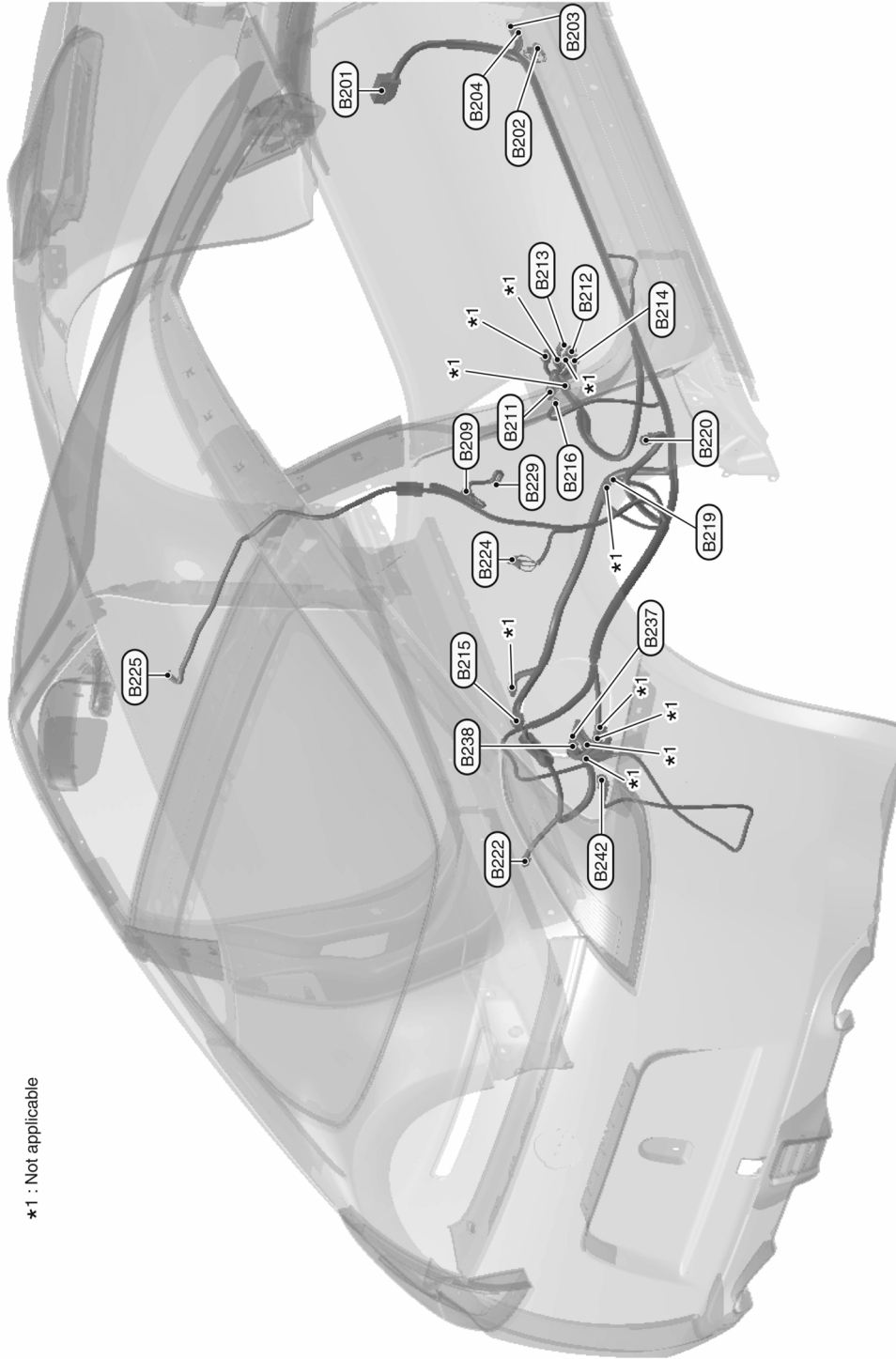
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe models

BODY No. 2 HARNESS (COUPE MODELS)

*1 : Not applicable



2015/01/16

JRMIC5972GB

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

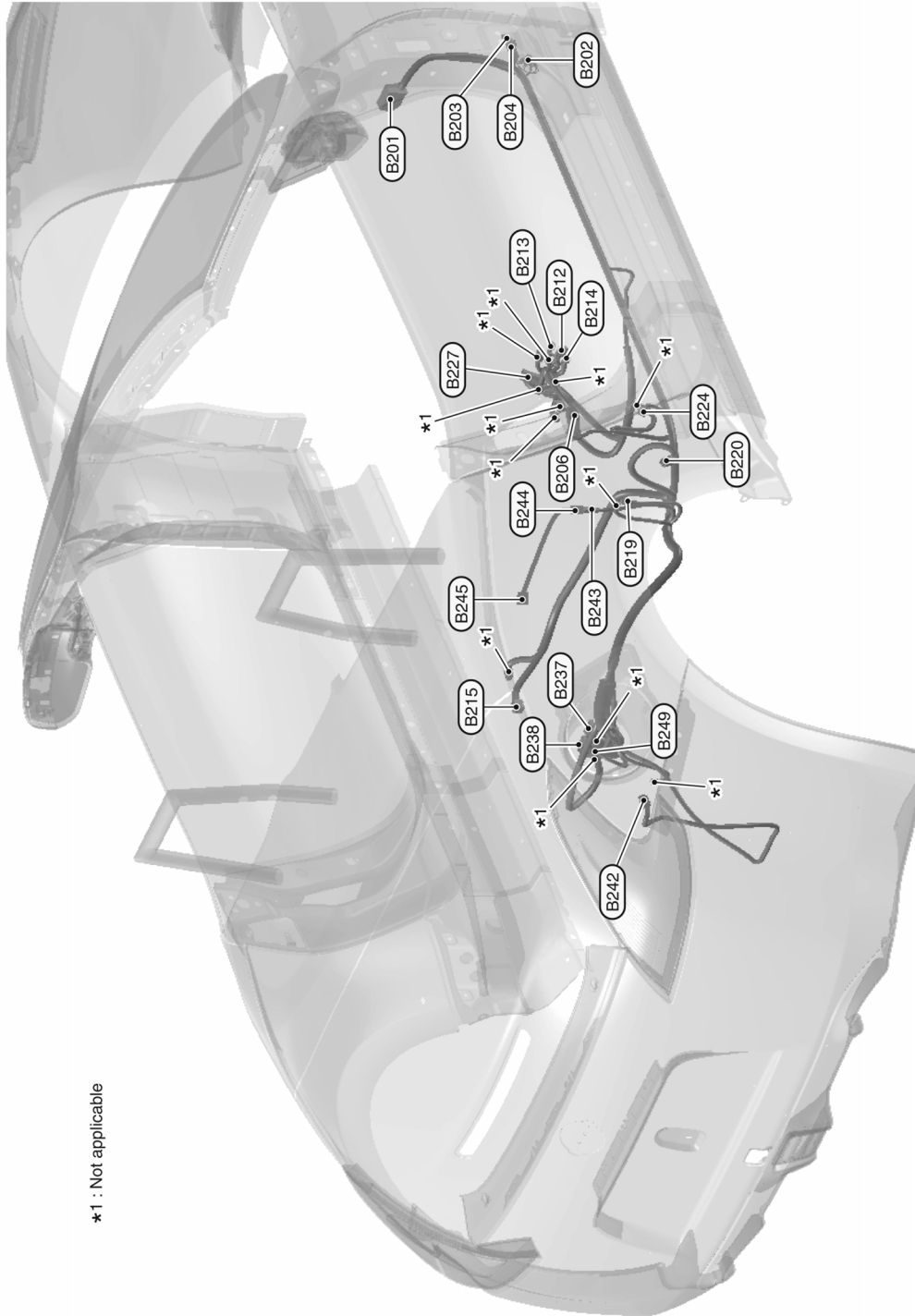
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster models

BODY No. 2 HARNESS (ROADSTER MODELS)



*1 : Not applicable

JRMIC5973GB

2015/01/16

HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

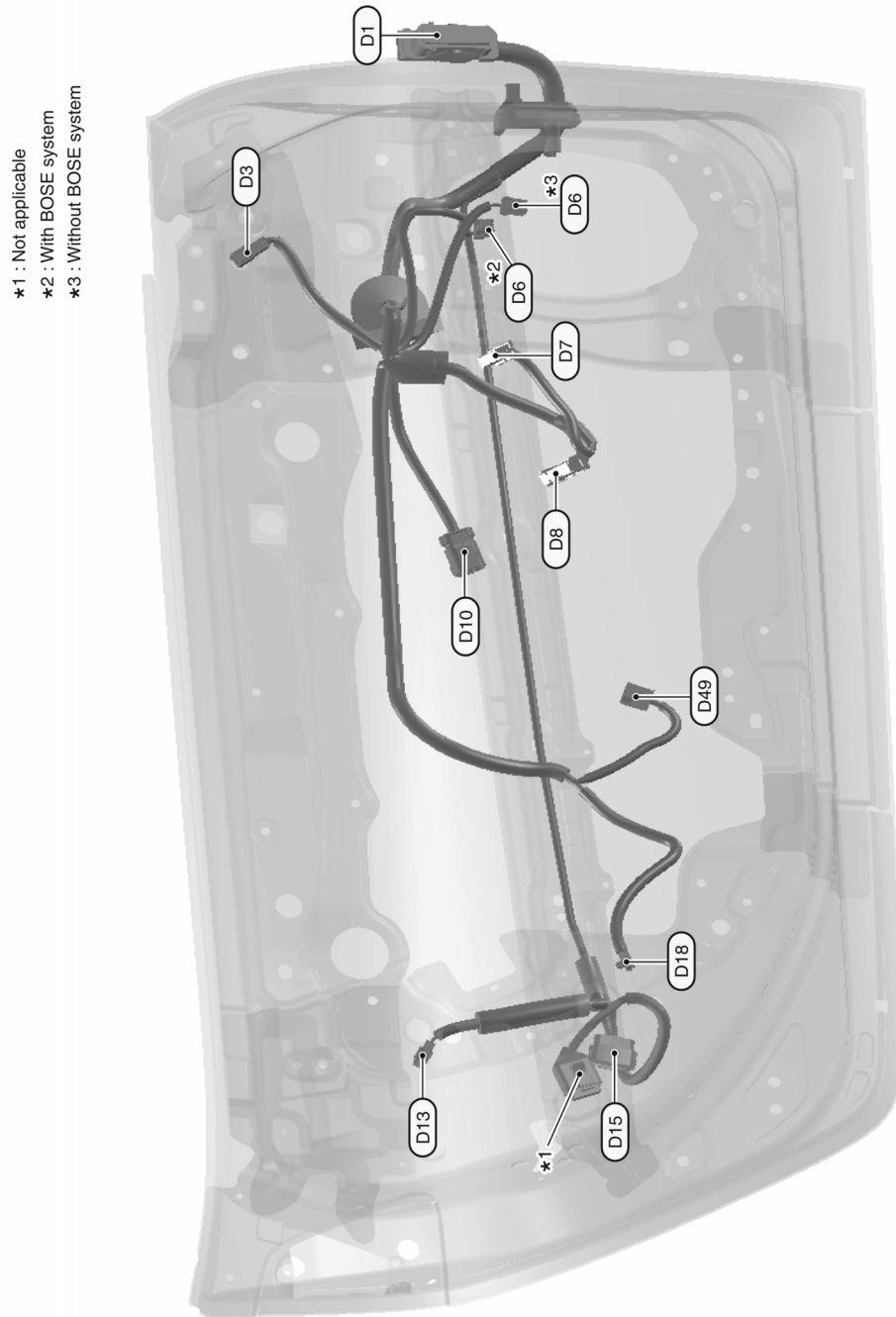
[POWER SUPPLY&GROUND CIRCUIT]

Door Harness

INFOID:000000011735921

DOOR HARNESS (DRIVER SIDE DOOR)

DOOR HARNESS (DRIVER SIDE DOOR)



2015/01/16

JRMIC5974GB

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

PG

HARNESS LAYOUT

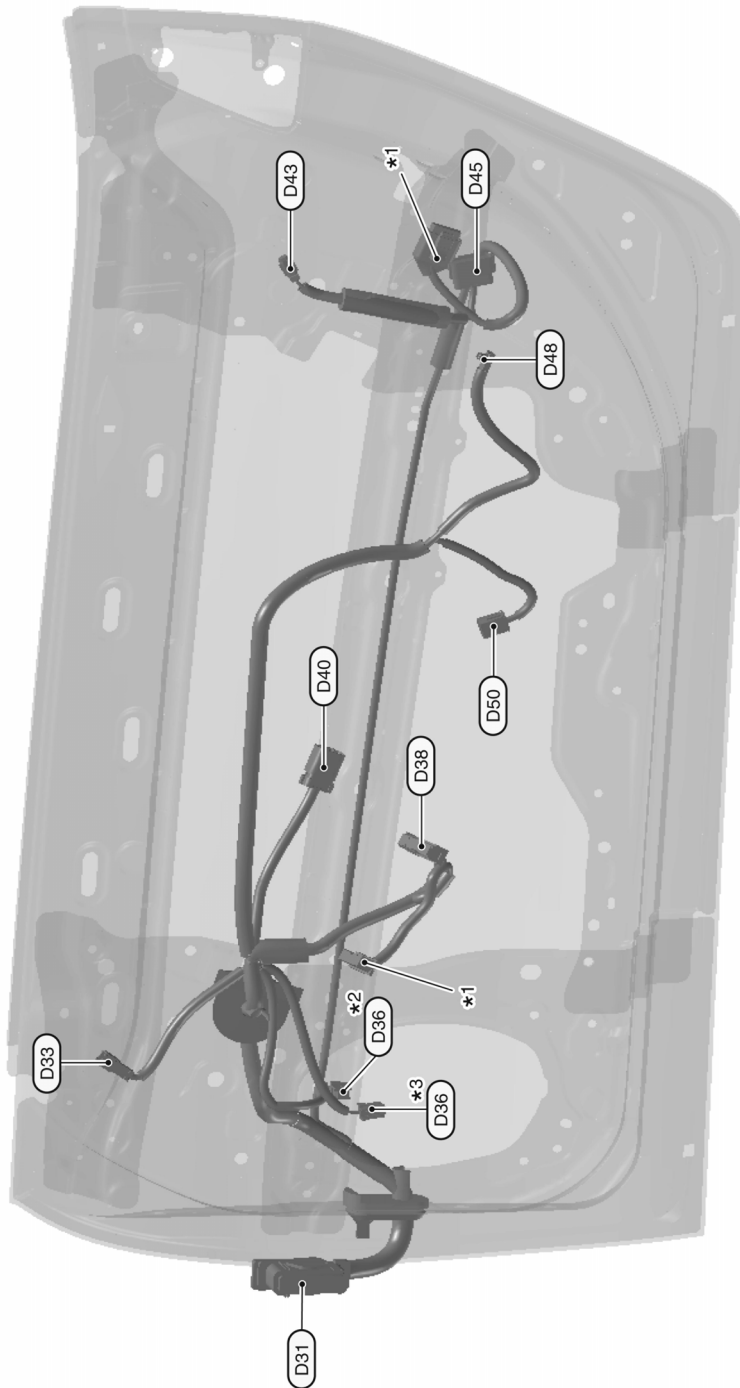
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

DOOR HARNESS (PASSENGER SIDE DOOR)

DOOR HARNESS (PASSENGER SIDE DOOR)

- *1 : Not applicable
- *2 : With BOSE system
- *3 : Without BOSE system



2015/01/16

JRMIC5975GB

BACK DOOR HARNESS

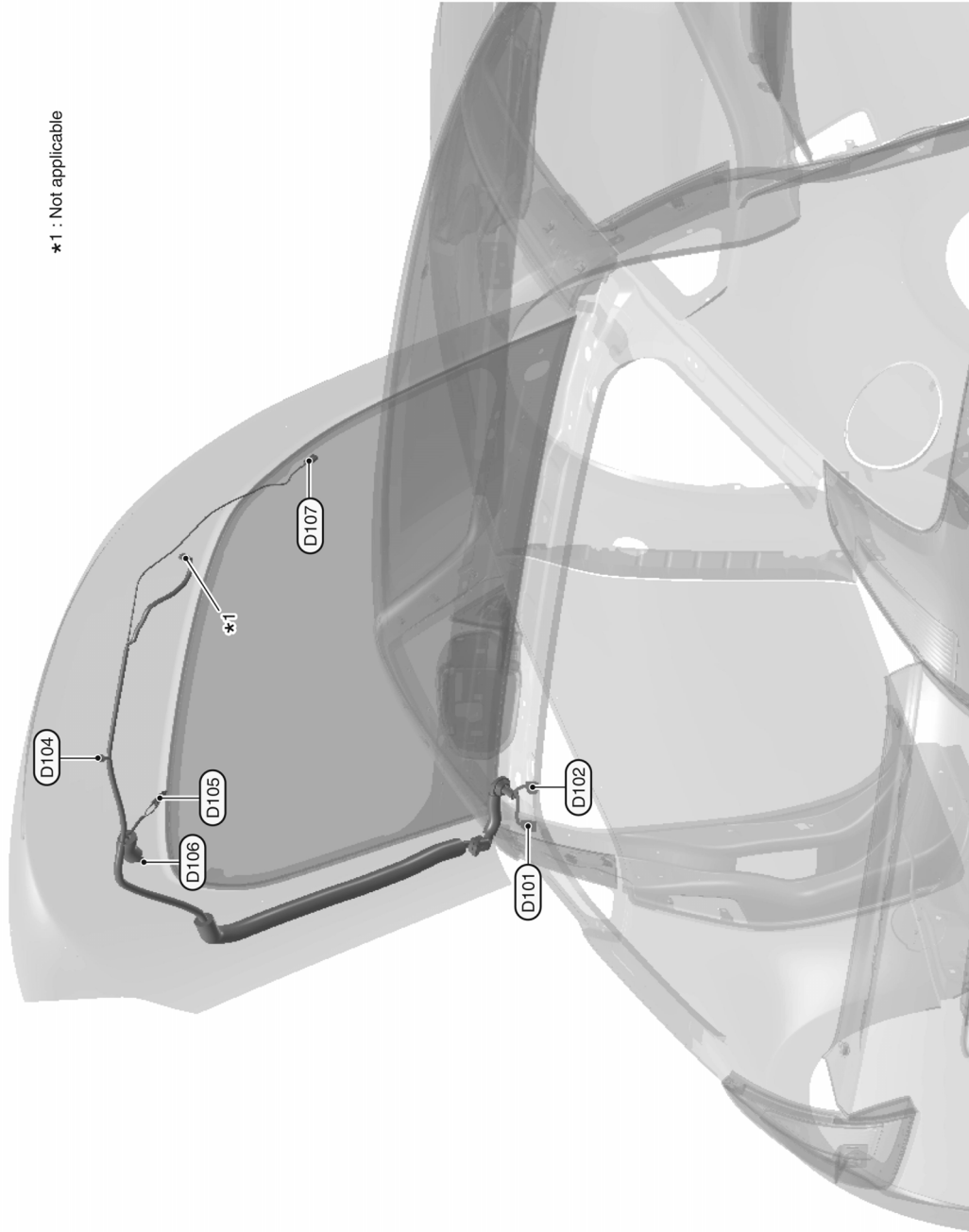
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe models

BACK DOOR HARNESS (COUPE MODELS)



*1 : Not applicable

JRMIC5976GB

2015/01/16

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

PG

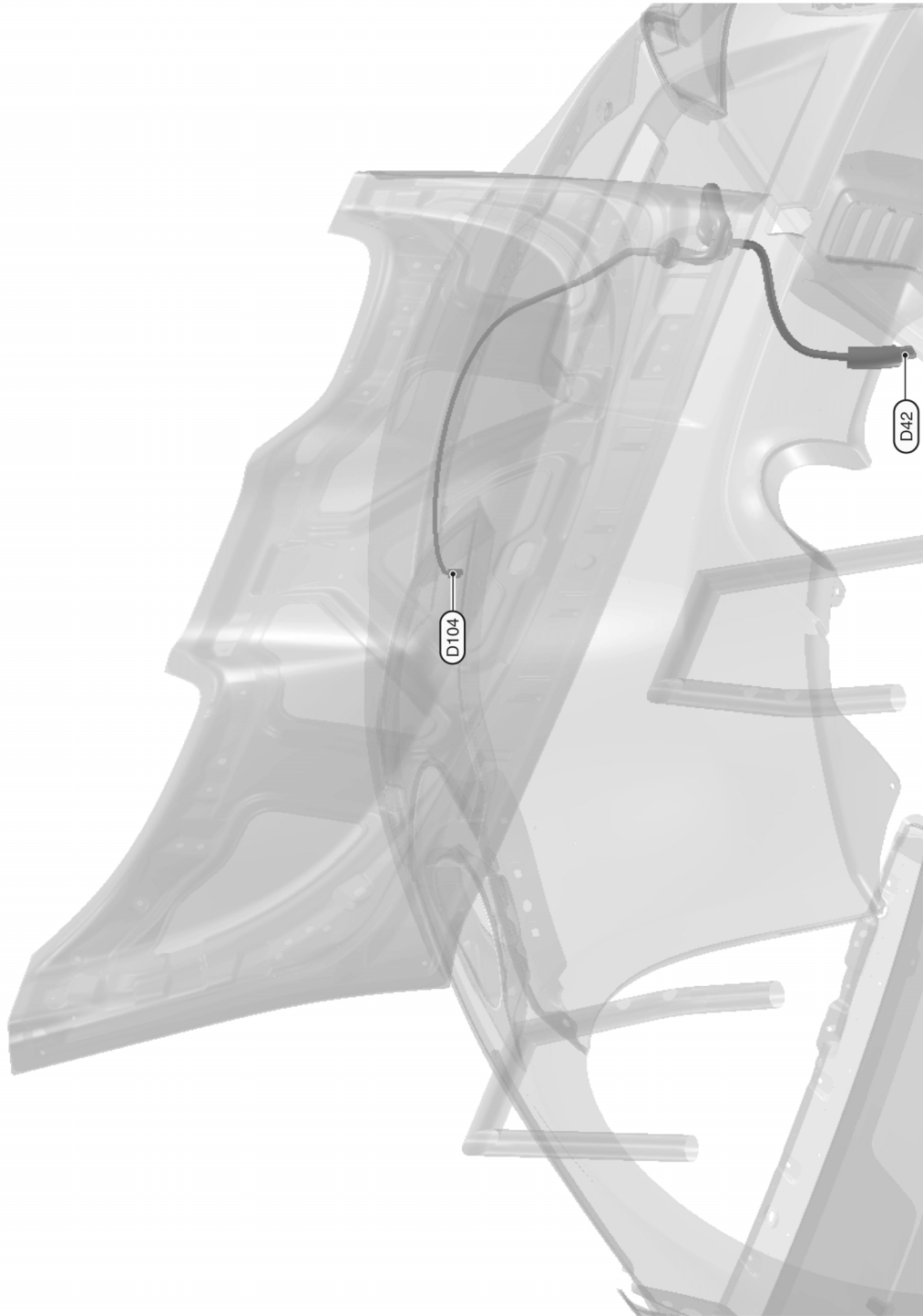
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Roadster models

BACK DOOR HARNESS (ROADSTER MODELS)



JRMIC1564GB

2012/04/18

HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

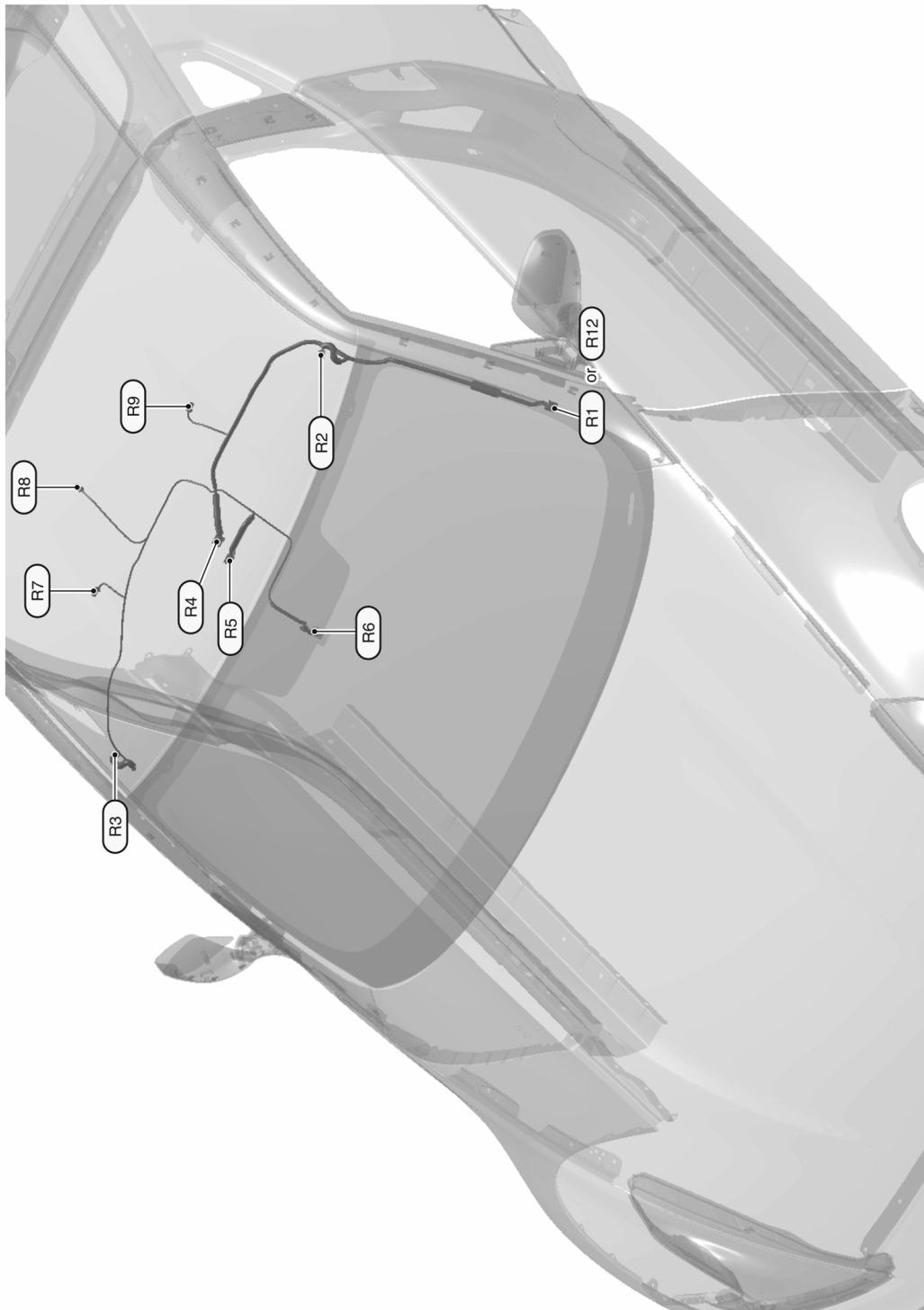
[POWER SUPPLY&GROUND CIRCUIT]

Room Lamp Harness

INFOID:0000000011735922

COUPE MODELS

ROOM LAMP HARNESS (COUPE MODELS)



2015/01/16

JRMIC5977GB

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

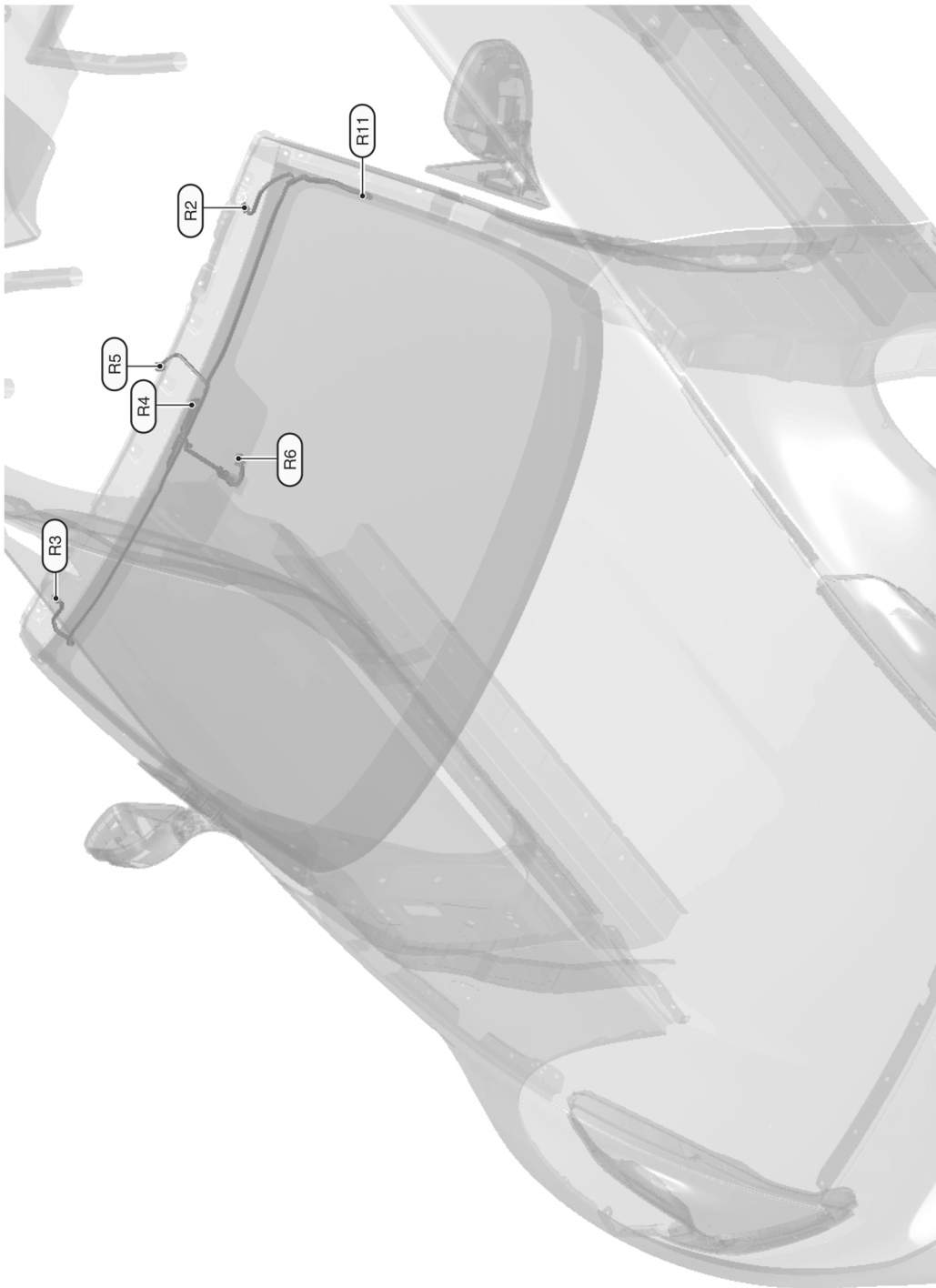
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ROADSTER MODELS

ROOM LAMP HARNESS (ROADSTER MODELS)



JRMIC1566GB

2012/04/18

HARNESS CONNECTOR

Description

INFOID:000000011735923

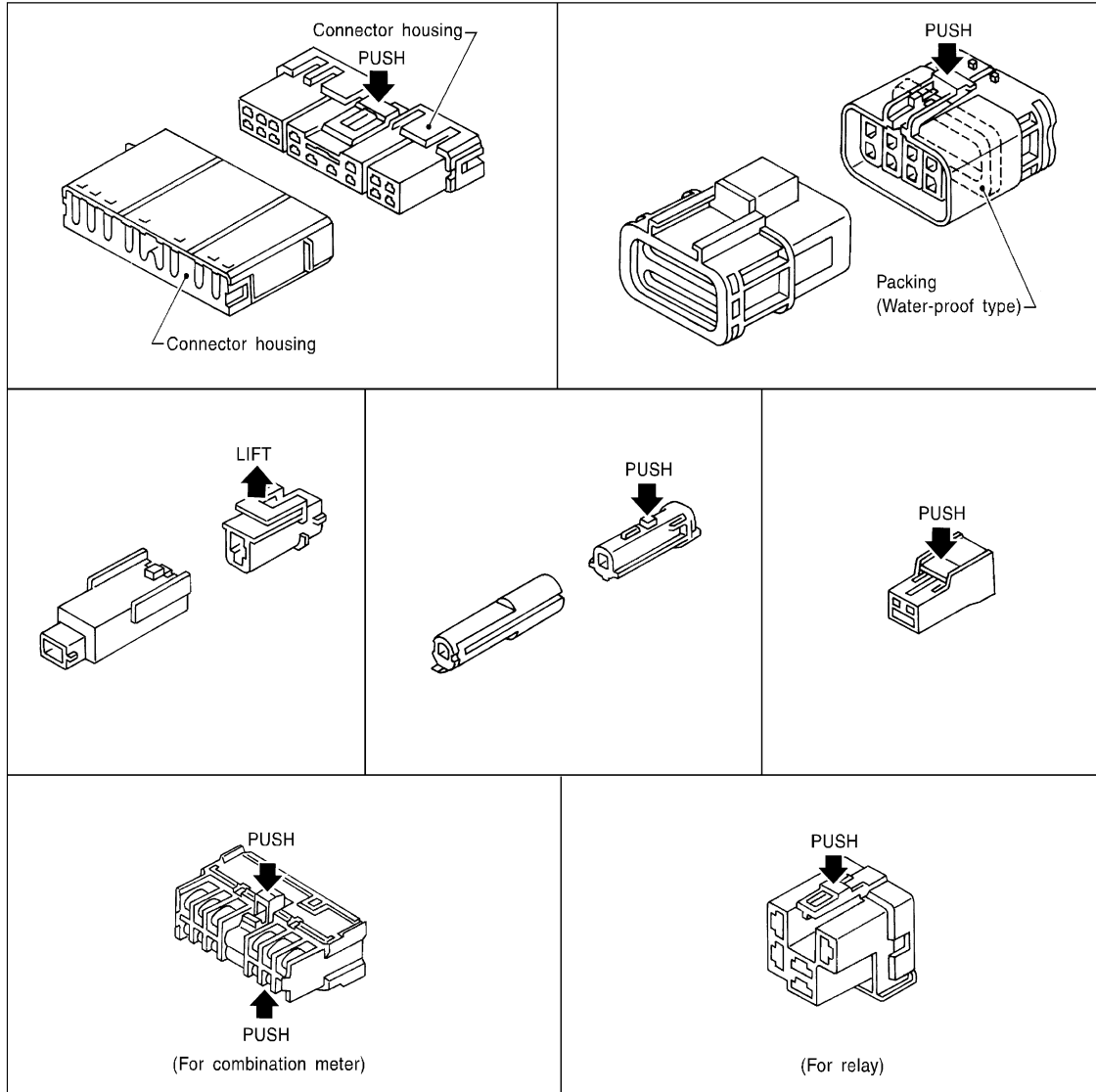
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the figure below.

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling the slider. Refer to the figure below.

HARNESS CONNECTOR

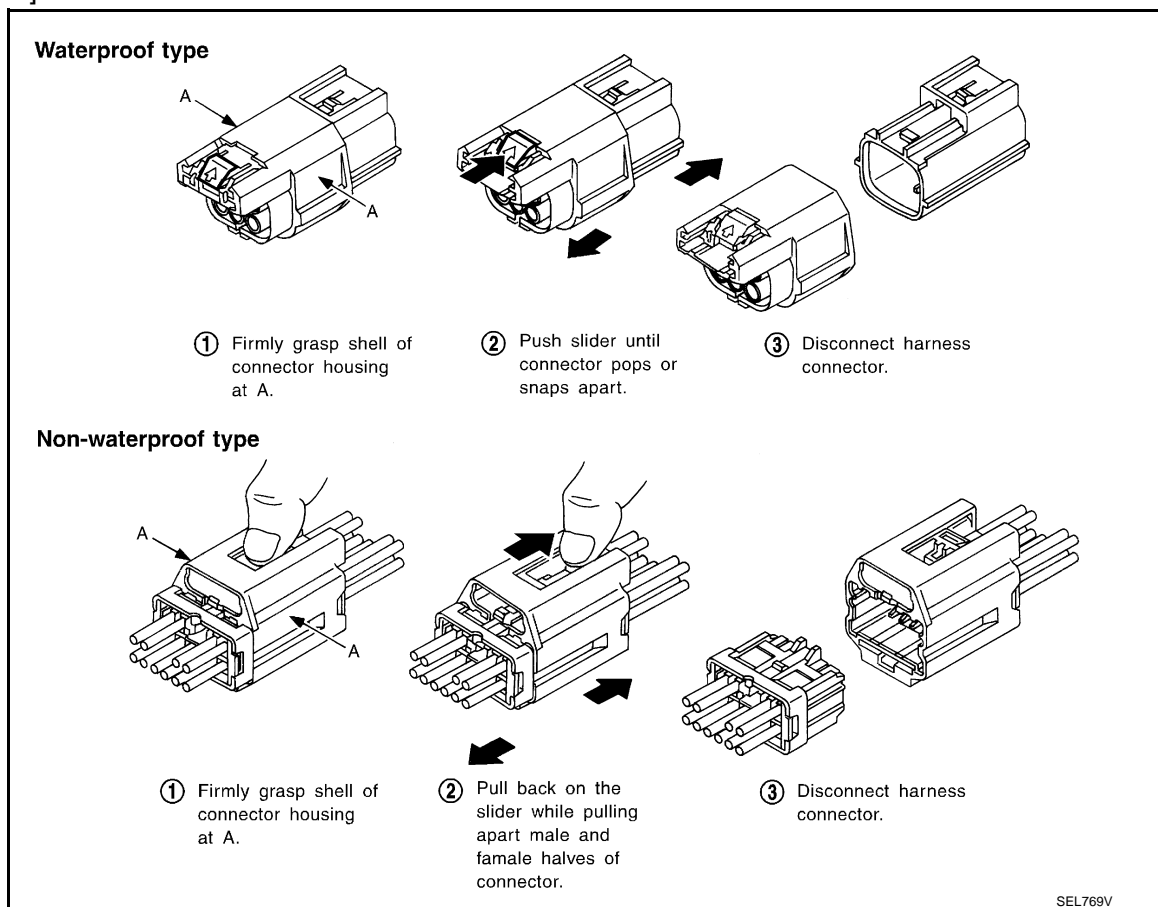
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

CAUTION:

- Never pull the harness or wires when disconnecting the connector.
- Be careful not to damage the connector support bracket when disconnecting the connector.

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked in place by moving the lever as far as it will go to ensure full connection.

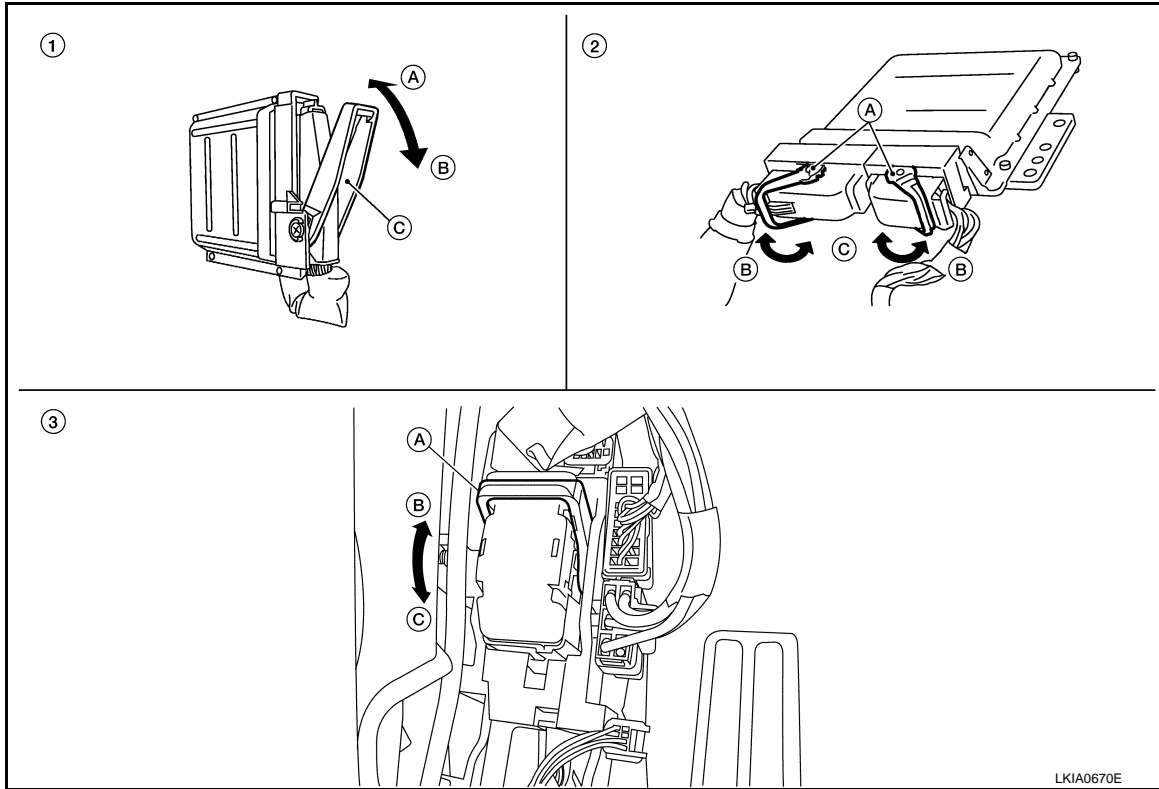
CAUTION:

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

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

PG

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

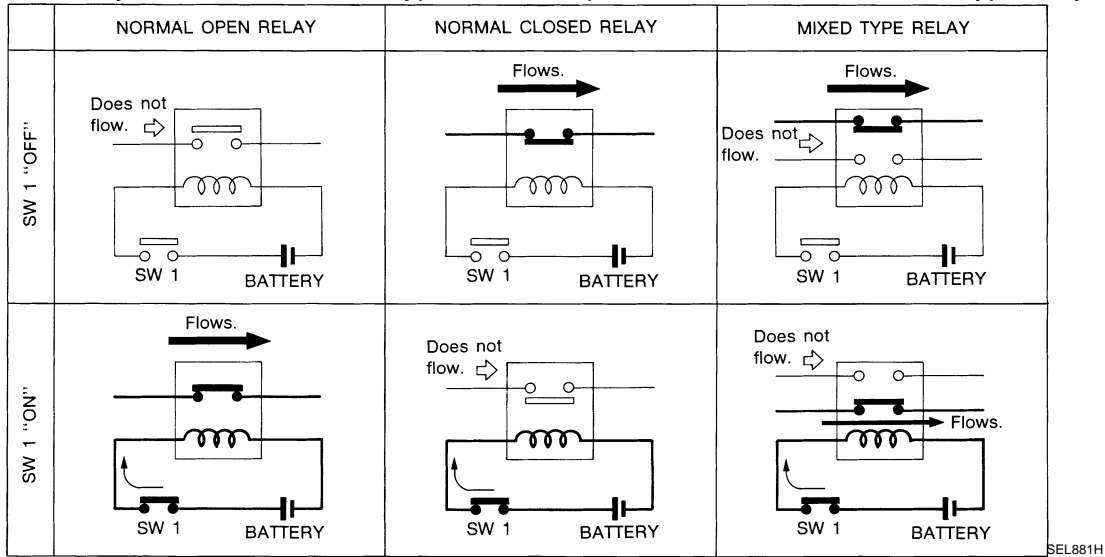
STANDARDIZED RELAY

Description

INFOID:000000011735924

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

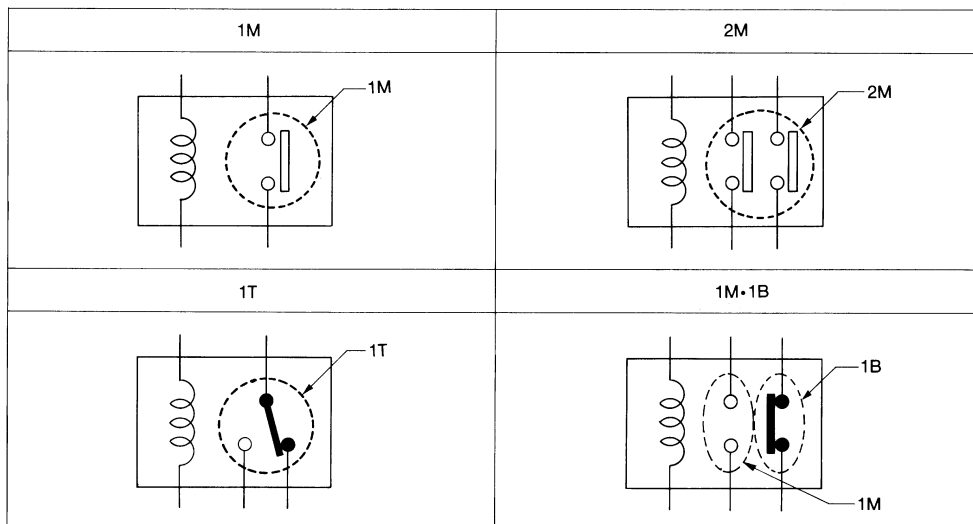
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

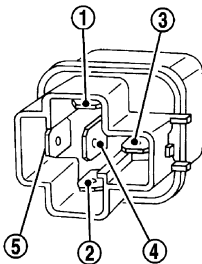
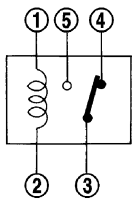
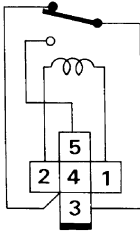
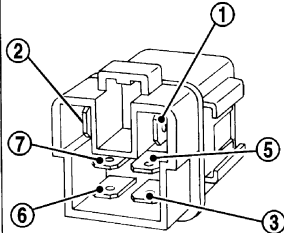
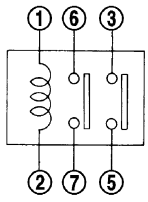
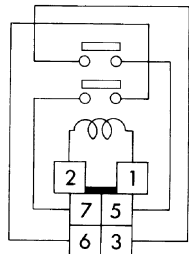
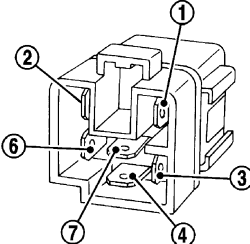
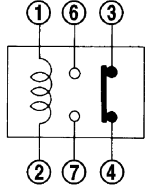
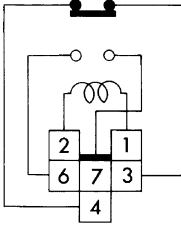
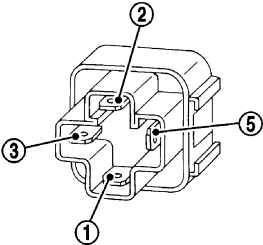
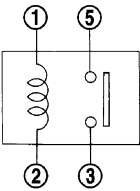
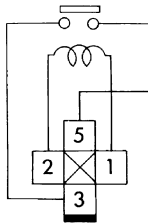
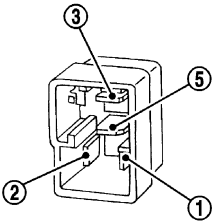
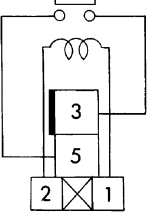


SEL882H

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

FUSE BLOCK - JUNCTION BOX (J/B)

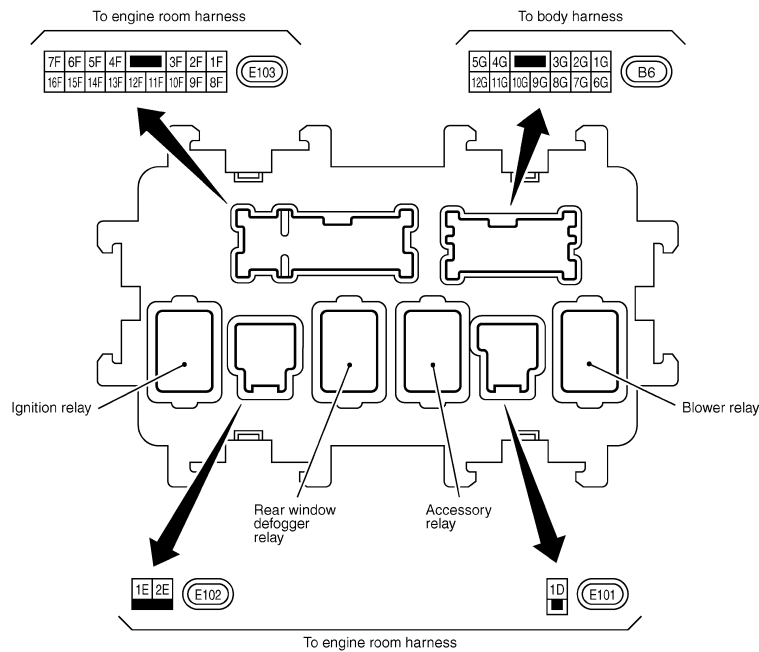
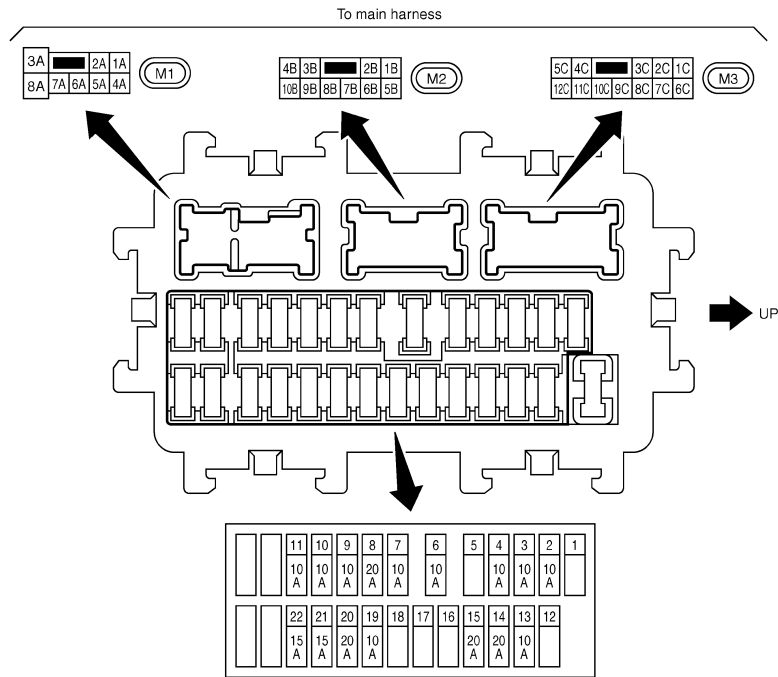
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000011735925



2011/07/19

JRMWC4677GB

FUSE, FUSIBLE LINK AND RELAY BOX

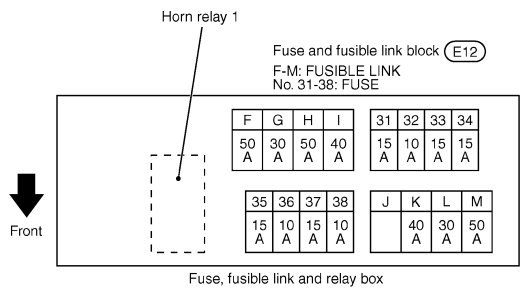
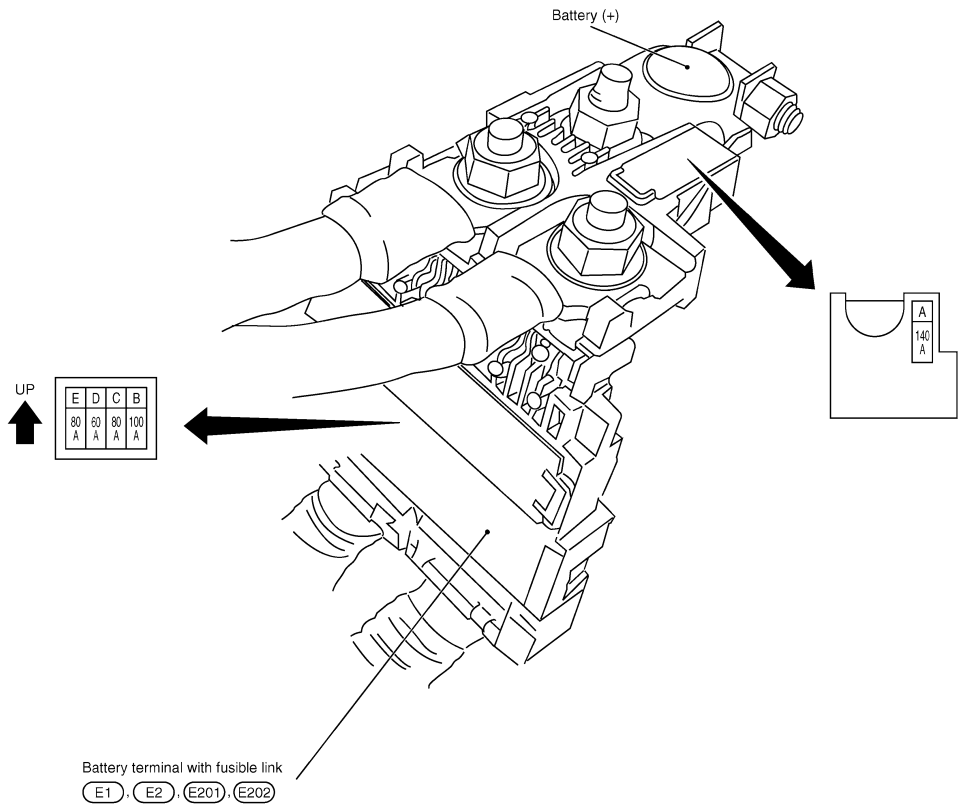
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:0000000011735926



2011/07/19

JRMWC4678GB

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

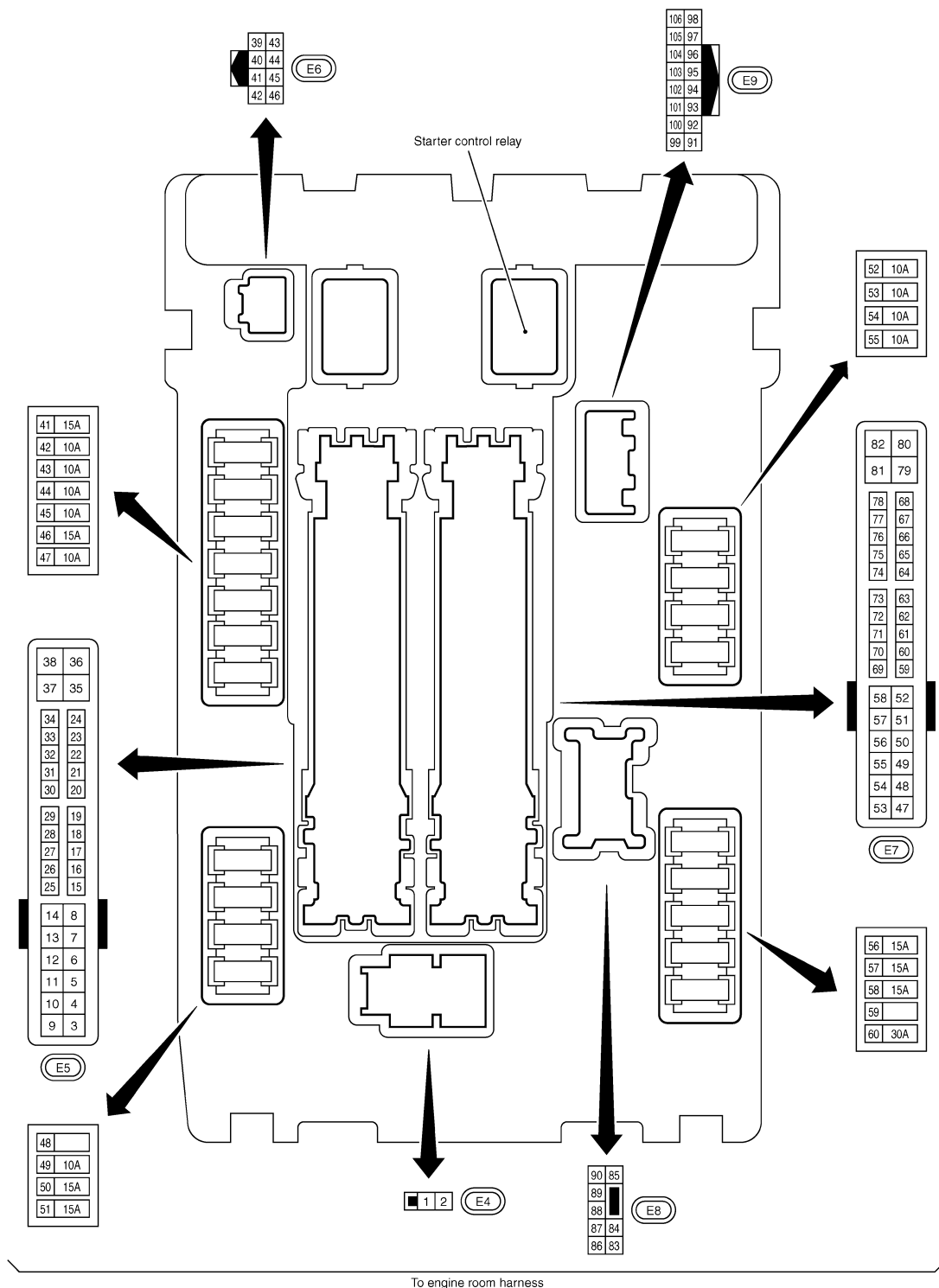
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000011735927



2012/04/18

JRMWD0800GB

PRECAUTION

PRECAUTIONS

EXCEPT FOR MEXICO

EXCEPT FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:0000000011735928

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:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that 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 "SRS AIR BAG".
- Never 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:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never 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.

EXCEPT FOR MEXICO : Precaution for Battery Service

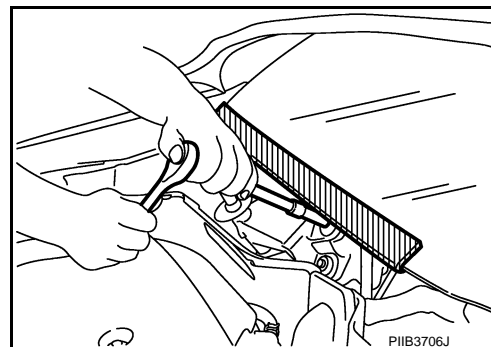
INFOID:0000000011735929

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.

EXCEPT FOR MEXICO : Precaution for Procedure without Cowl Top Cover

INFOID:0000000011735930

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



PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY&GROUND CIRCUIT]

EXCEPT FOR MEXICO : Precautions For Xenon Headlamp Service

INFOID:000000012083678

WARNING:

Comply with the following warnings to prevent any serious accident.

- Disconnect the battery cable (negative terminal) or the power supply fuse before installing, removing, or touching the xenon headlamp (bulb included). The xenon headlamp contains high-voltage generated parts.
- Never work with wet hands.
- Check the xenon headlamp ON-OFF status after assembling it to the vehicle. Never turn the xenon headlamp ON in other conditions. Connect the power supply to the vehicle-side connector. (Turning it ON outside the lamp case may cause fire or visual impairments.)
- Never touch the bulb glass immediately after turning it OFF. It is extremely hot.

CAUTION:

Comply with the following cautions to prevent any error and malfunction.

- Install the xenon bulb securely. (Insufficient bulb socket installation may melt the bulb, the connector, the housing, etc. by high-voltage leakage or corona discharge.)
- Never perform HID circuit inspection with a tester.
- Never touch the xenon bulb glass with hands. Never put oil and grease on it.
- Dispose of the used xenon bulb after packing it in thick vinyl without breaking it.
- Never wipe out dirt and contamination with organic solvent (thinner, gasoline, etc.).

EXCEPT FOR MEXICO : Precautions for Removing Battery Terminal

INFOID:000000011735931

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

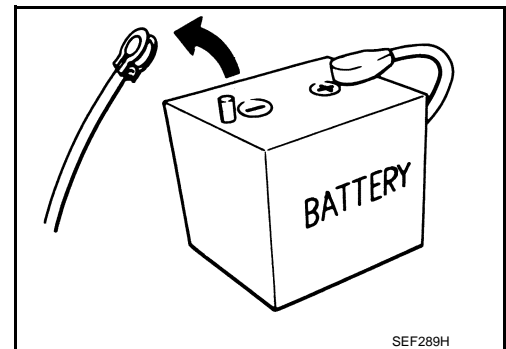
NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.



FOR MEXICO

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

INFOID:000000011735932

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:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that 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 "SRS AIR BAG".
- Never 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

PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY&GROUND CIRCUIT]

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never 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

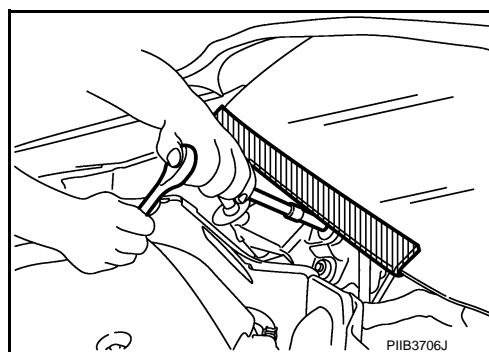
INFOID:0000000011735933

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:0000000011735934

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



FOR MEXICO : Precautions For Xenon Headlamp Service

INFOID:0000000012083679

WARNING:

Comply with the following warnings to prevent any serious accident.

- Disconnect the battery cable (negative terminal) or the power supply fuse before installing, removing, or touching the xenon headlamp (bulb included). The xenon headlamp contains high-voltage generated parts.
- Never work with wet hands.
- Check the xenon headlamp ON-OFF status after assembling it to the vehicle. Never turn the xenon headlamp ON in other conditions. Connect the power supply to the vehicle-side connector. (Turning it ON outside the lamp case may cause fire or visual impairments.)
- Never touch the bulb glass immediately after turning it OFF. It is extremely hot.

CAUTION:

Comply with the following cautions to prevent any error and malfunction.

- Install the xenon bulb securely. (Insufficient bulb socket installation may melt the bulb, the connector, the housing, etc. by high-voltage leakage or corona discharge.)
- Never perform HID circuit inspection with a tester.
- Never touch the xenon bulb glass with hands. Never put oil and grease on it.
- Dispose of the used xenon bulb after packing it in thick vinyl without breaking it.
- Never wipe out dirt and contamination with organic solvent (thinner, gasoline, etc.).

PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY&GROUND CIRCUIT]

FOR MEXICO : Precautions for Removing Battery Terminal

INFOID:0000000011735935

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

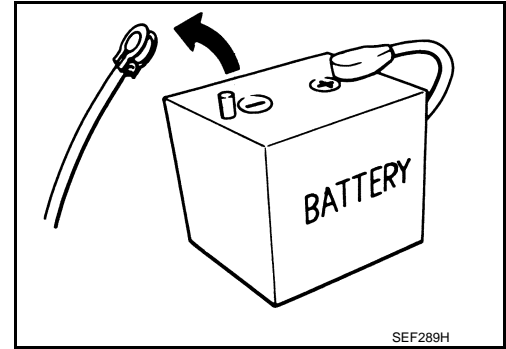
NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.


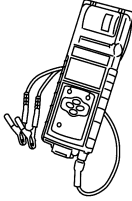


PREPARATION

PREPARATION

Special Service Tools

INFOID:0000000011735936

Tool number (Techmate No.) Tool name		Description
— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station	 AWI1A1239ZZ	Tests batteries, starting and charging systems and charges batteries. For operating instructions, refer to diagnostic station instruction manual.
— (—) Model EXP-800 NI Battery and electrical diagnostic analyzer	 JSMIA0806ZZ	Tests batteries and charging systems. For operating instructions, refer to diagnostic analyzer instruction manual.

A

B

C

D

E

F

G

H

I

J

K

L

PG

N

O

P

REMOVAL AND INSTALLATION

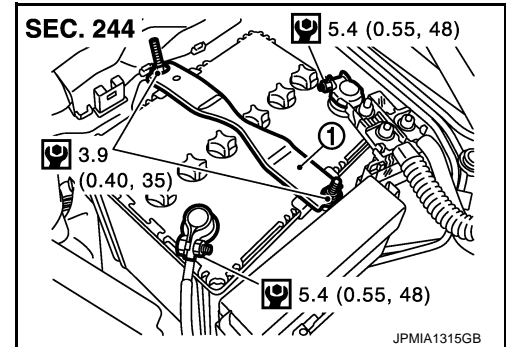
BATTERY

Exploded View

INFOID:000000011735937

1 : Battery fix frame

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



Removal and Installation

INFOID:000000011735938

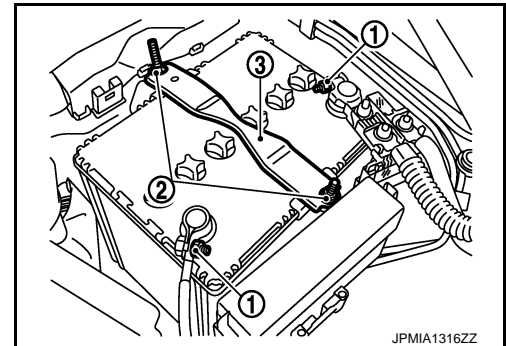
REMOVAL

1. Remove battery cover.
2. Remove cowl top cover RH. Refer to [EXT-29, "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-59, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

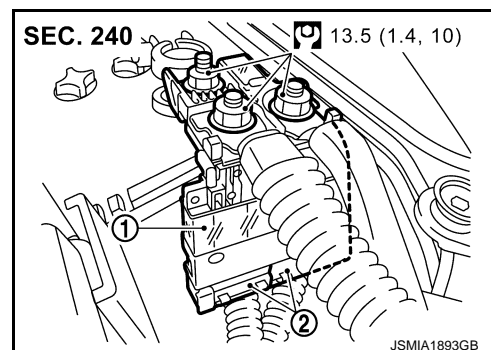
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:0000000011735939

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

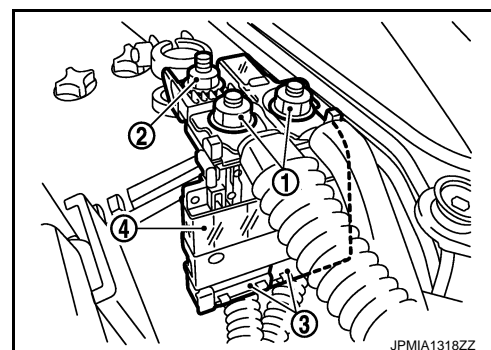


Removal and Installation

INFOID:0000000011735940

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.

PG

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:0000000011735941

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