

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

CONTENTS

POWER SUPPLY & GROUND CIRCUIT	
BASIC INSPECTION	3
BATTERY	3
How to Handle Battery	3
Work Flow	5
DTC/CIRCUIT DIAGNOSIS	6
POWER SUPPLY ROUTING CIRCUIT	6
Wiring Diagram - BATTERY POWER SUPPLY -	6
Wiring Diagram - BATTERY POWER SUPPLY	
FUSIBLE LINK No. K -	17
Wiring Diagram - BATTERY POWER SUPPLY	
FUSIBLE LINK No. O -	22
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 6 -	24
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 7 -	29
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 9 -	31
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 10 -	34
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 34 -	40
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 50 -	44
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 53 -	51
Wiring Diagram - ACCESSORY POWER SUPPLY -	60
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -	64
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 20 -	70
Wiring Diagram - IGNITION POWER SUPPLY -	72
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 3 -	86
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 4 -	94
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 44 -	96
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 45 -	101
Fuse	104
Fusible Link	106
Circuit Breaker	106
HARNES LAYOUT	107
How To Read Harness Layout	107
Outline	108
Main Harness	109
Engine Room Harness	111
Engine Control Harness	113
Body Harness	115
Body No. 2 Harness	116
Room Lamp Harness	117
Door Harness (Driver Side Door)	118
Door Harness (Passenger Side Door)	119
HARNES CONNECTOR	120
Description	120
STANDARDIZED RELAY	123
Description	123
FUSE BLOCK - JUNCTION BOX (J/B)	125
Fuse, Connector and Terminal Arrangement	125
FUSE, FUSIBLE LINK AND RELAY BOX	126
Fuse and Fusible Link Arrangement	126
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	127
Fuse, Connector and Terminal Arrangement	127
PRECAUTION	128
PRECAUTIONS	128
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	128

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

Precaution for Battery Service	128	Removal and Installation	131
Service Procedure Precautions for Models with a		BATTERY TERMINAL WITH FUSIBLE LINK..	132
Pop-up Roll Bar	128	Exploded View	132
Precaution for Procedure without Cowl Top Cover.	129	Removal and Installation	132
PREPARATION	130	SERVICE DATA AND SPECIFICATIONS	
PREPARATION	130	(SDS)	133
Special Service Tools	130	SERVICE DATA AND SPECIFICATIONS	
REMOVAL AND INSTALLATION	131	(SDS)	133
BATTERY	131	Battery	133
Exploded View	131		

BASIC INSPECTION

BATTERY

How to Handle Battery

INFOID:000000006473003

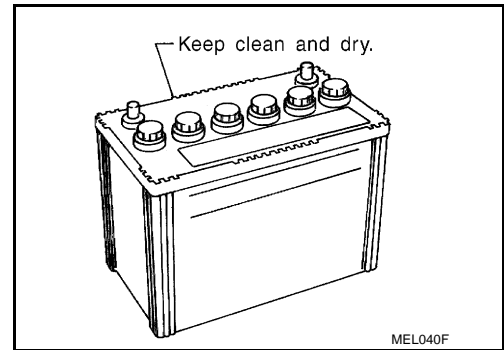
CAUTION:

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

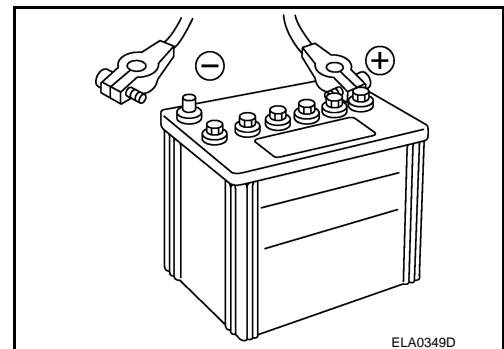
METHODS OF PREVENTING OVER-DISCHARGE

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

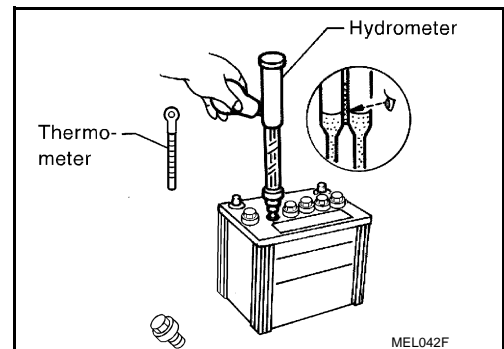
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



CHECKING ELECTROLYTE LEVEL

WARNING:

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

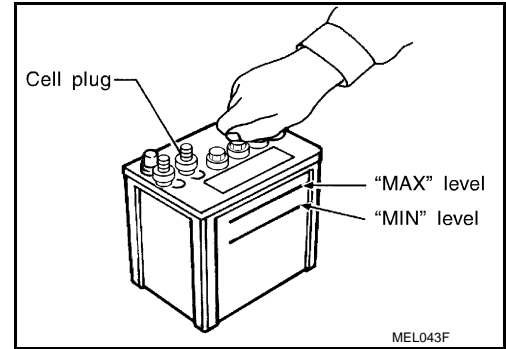
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

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

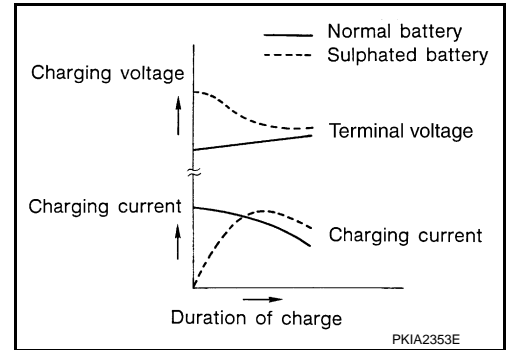


Sulphation

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

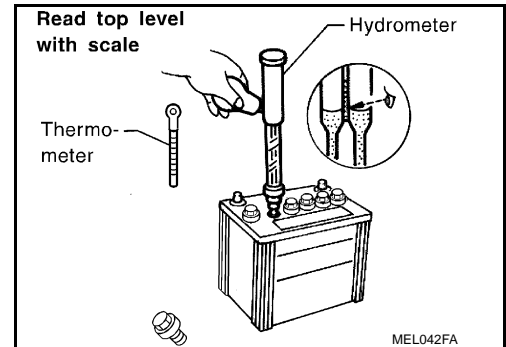
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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



SPECIFIC GRAVITY CHECK

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



Hydrometer Temperature Correction

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

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

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

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

CHARGING THE BATTERY

CAUTION:

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

Charging Rates

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

Do not charge at more than 50 ampere rate.

NOTE:

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

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

Work Flow

INFOID:000000006473004

TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

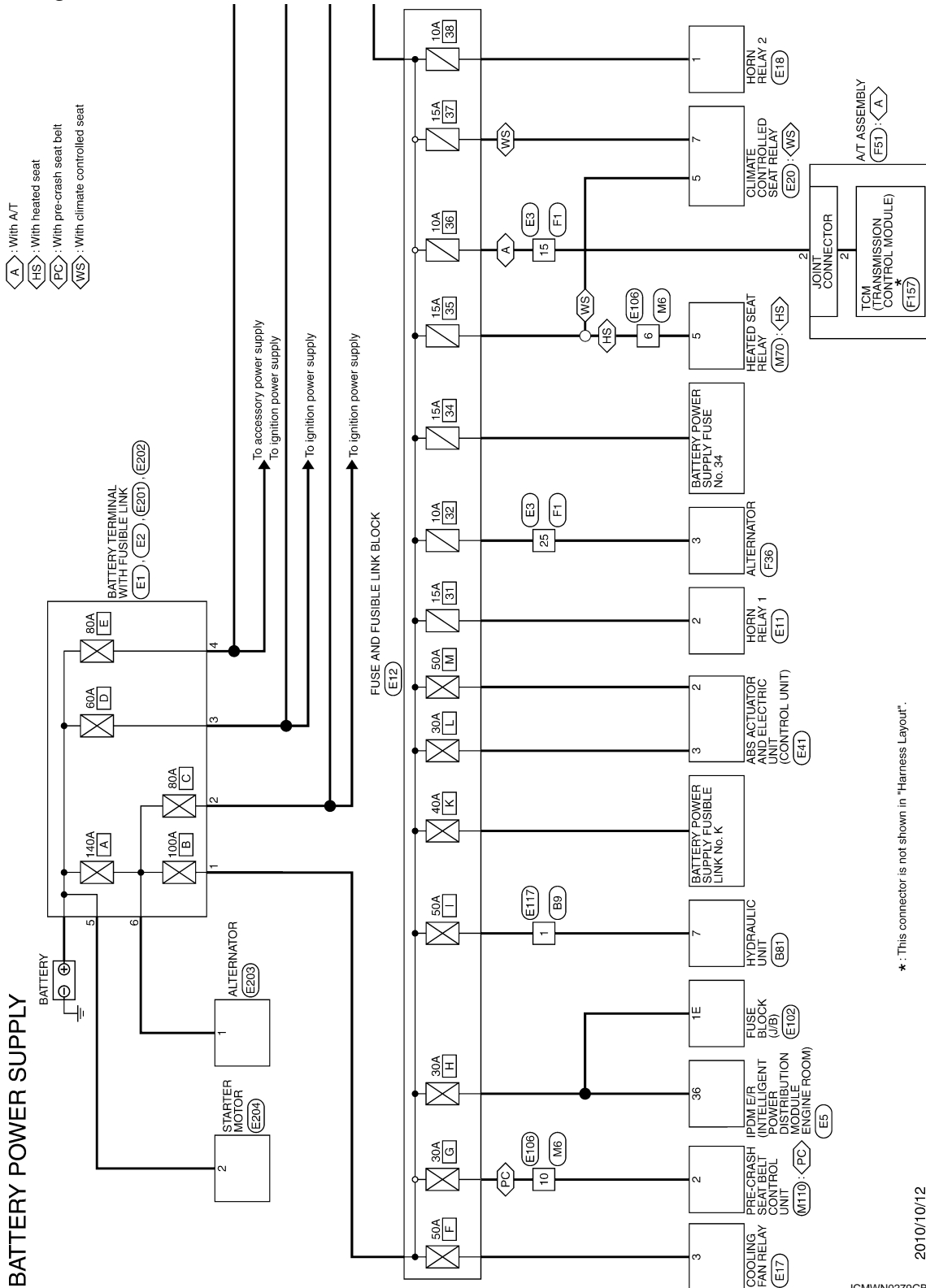
[POWER SUPPLY & GROUND CIRCUIT]

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000006473005



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

2010/10/12

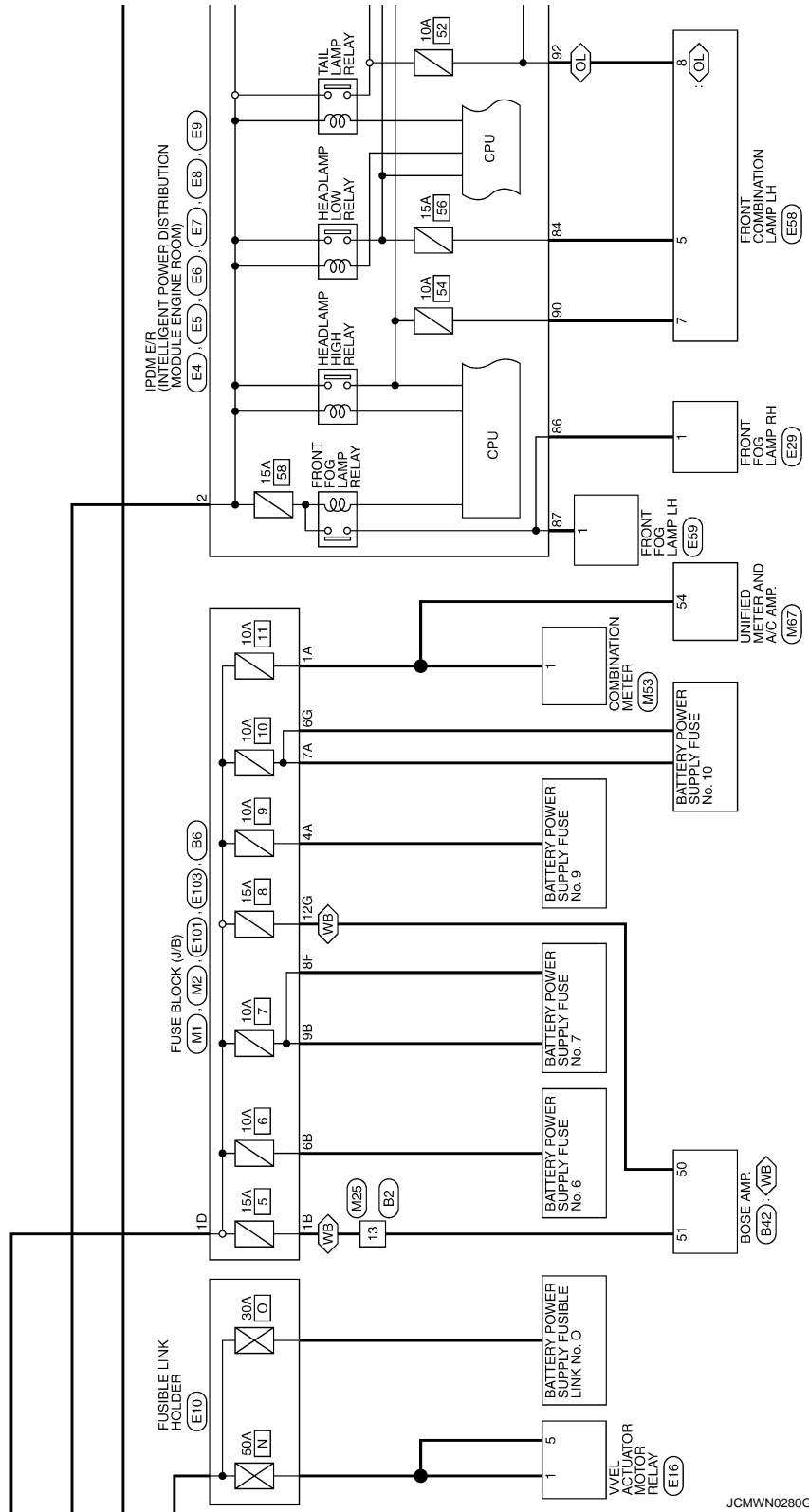
JCMWN0279GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

◊OL◊ : Without daytime running light system
◊WB◊ : With BOSE system



JCMWN0280GB

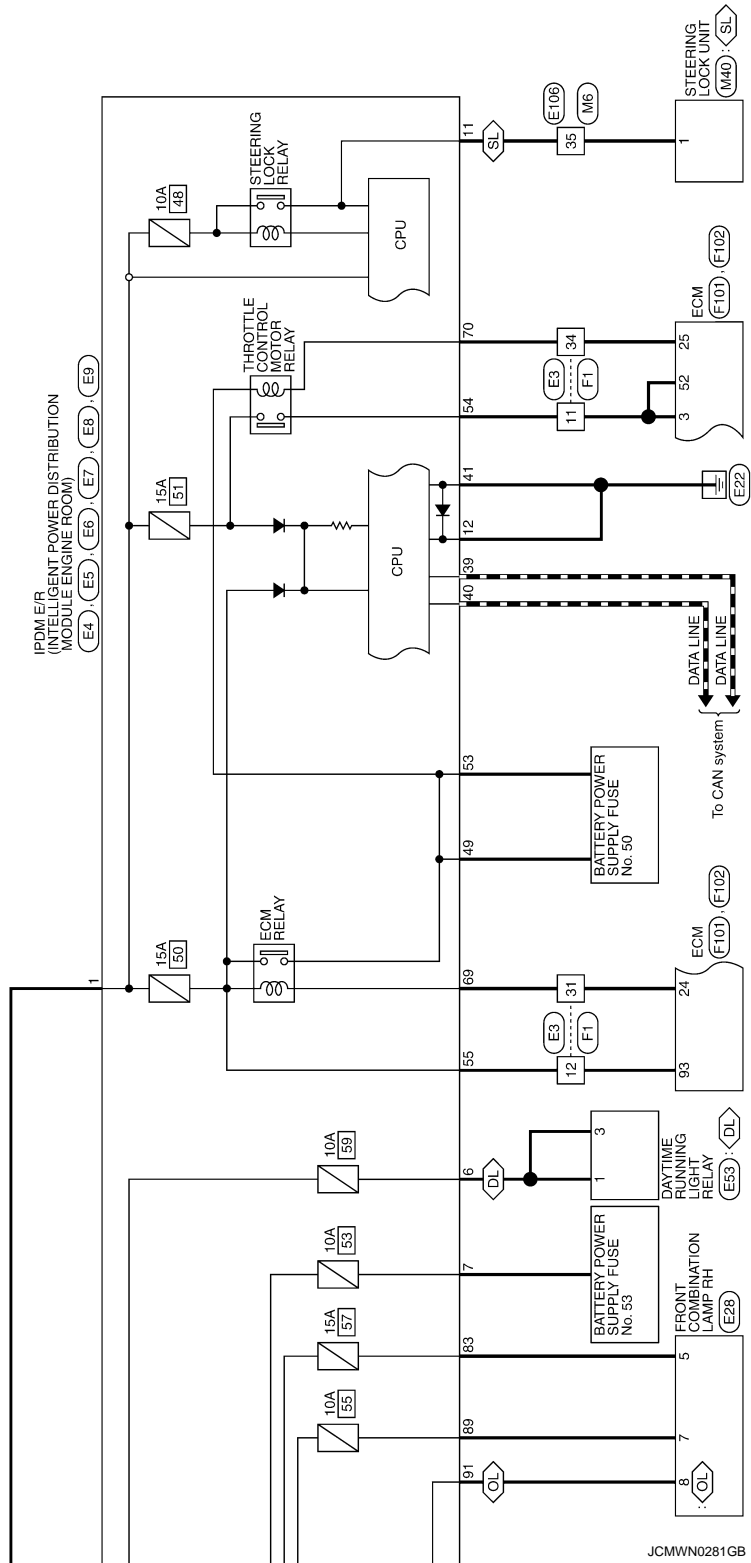
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- DL : With daytime running light system
- OL : Without daytime running light system
- SL : With steering lock unit



JCMWN0281GB

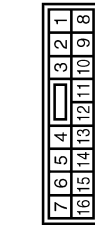
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	NS16FN-CS



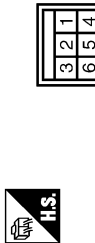
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	V	-
4	LG	-
5	BG	-
6	P	-
7	B	-
11	LG	-
12	BG	-
13	GR	-
14	R	-
15	G	-
16	W	-

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



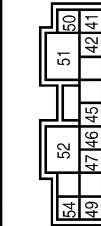
Terminal No.	Color of Wire	Signal Name [Specification]
5G	LG	-
6G	G	-
10G	P	-
11G	G	-
12G	Y	-

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	M06FN-LC



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

Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SGA12FBR-SJA2



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

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



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

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



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

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FGY-MC



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

JCMWN0282GB

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.	E3
Wire to Wire	
Connector Name	SA33MB FSS-SHZ8
Connector Type	

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



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

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

Connector No.	E4
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	L02FB-MC



1
2

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

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



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

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

26	R	
27	BG	
28	L	
30	CR	
32	V	
33	G	
38	P	

Connector No.	E6
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-AH



42
41
40
39
46
45
44
43

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

Connector No.	E7
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-CS12-M4



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

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

55	SB	
56	LG	
57	G	
58	CR	
59	BR	
70	EG	
73	P	
74	G	
75	SB	
76	Y	
77	R	
80	W	

Connector No.	E8
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	INS08FW-CS



85
84
83
90
89
88
87
86

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

JCMWN0283GB

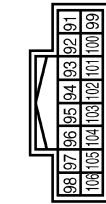
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E9
Connector Name	SWAYLE INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH167V-NH



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

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



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

Connector No.	E16
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	24347 9F900



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347 9F900



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

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



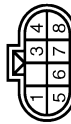
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	
2	Y	
3	G	

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



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

Connector No.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS98FB-PR



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

Connector No.	E29
Connector Name	FRONT FOG LAMP RH
Connector Type	FRZ02FB



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

Connector No.	E41
Connector Name	REF. ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BAA22FB-AH24-LH



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

JCMWN0284GB

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

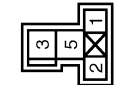
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

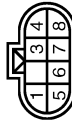
BATTERY POWER SUPPLY

Connector No.	E53
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	MS02FL-MZ-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	L	-
3	SB	-
5	BG	-

Connector No.	E58
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



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

Connector No.	E59
Connector Name	FRONT FOG LAMP LH
Connector Type	FTZ02FB



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LUJ1FW-MC



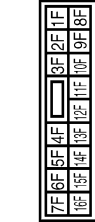
Terminal No.	ID	Color of Wire	R	Signal Name [Specification]	-
--------------	----	---------------	---	-----------------------------	---

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



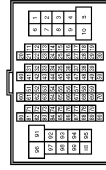
Terminal No.	1E	Color of Wire	G	Signal Name [Specification]	-
--------------	----	---------------	---	-----------------------------	---

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



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

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



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

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	M08MW-LC



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

Connector No.	E201
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	-



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
6	L/Y	-

6	B/GR	-
---	------	---

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	-



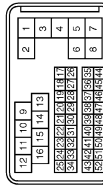
Terminal No.	Color of Wire	Signal Name [Specification]
1	B/GR	B

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	-



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

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAAB9FB-RS8-SHZ3



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

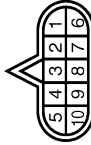
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	BR	-
7	G	-
8	W	-
9	W	-
10	G	-
11	R	-
12	P	-
13	L	-
14	LG	-
15	R	-
16	Y	-
17	W	-
18	LG	-
19	P	-
20	O	-
21	BR	-
22	G	-
23	Y	-
24	LG	-
25	V	-
27	GR	-
28	BR	-
29	L	-
30	R	-
31	P	-
32	W	-
33	SB	-
34	O	-
37	SHIELD	-
38	W	-
39	Y	-
40	G	-
41	B	-
42	GR	-
43	R	-
48	SHIELD	-
47	W/L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

Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	HS33FB



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

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	PK10FG-DGY



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

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.	F101
Connector Name	ECM
Connector Type	RH40FB-R28 L-LH-Z

48	44	40	36	28	24	20	16	12	8	4
47	43	39	35	31	19	15	11	3		
46	38	34	30	22	18			2		
45	37	33	29	25	21	17	5	1		



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	A/F SEN 1 HEATER (B1)
2	G	THROTTLE CONTROL MOTOR (OPEN) (B1)
3	R	THROTTLE CONTROL MOTOR POWER SUPPLY (B1)
4	BR	THROTTLE CONTROL MOTOR (CLOSE) (B1)
5	W	A/F SEN 1 HEATER (B2)
8	B	ECM GROUND
11	GR	IGNITION SIGNAL No. 4
12	L	IGNITION SIGNAL No. 3
15	V	IGNITION SIGNAL No. 5
16	G	IGNITION SIGNAL No. 2
17	P	HEATED OXYGEN SEN 2 HEATER (B1)
18	W	IVT CONTROL SOL (B1)
19	SB	IGNITION SIGNAL No. 6
20	Y	IGNITION SIGNAL No. 1
21	GR	E/VAP CANISTER PURGE VOLUME CONTROL SOL
22	R	FUEL PUMP RELAY
24	P	ECM RELAY (SELF SHUT-OFF)
25	O	THROTTLE CONTROL MOTOR RELAY
28	BR	VVEL CONTROL MODULE
29	G	IVT CONTROL SOL (B2)
30	Y	TIPS 1 (B1)
31	R	TIPS 1 (B2)
32	SB	HEATED OXYGEN SEN 2 HEATER (B2)
34	B	TIPS 2 (B1)
35	W	TIPS 2 (B2)
36	O	SENSOR GROUND
37	W	POS SEN
38	O	MAP SEN
39	P	BRAKE BOOST PRESS SEN
40	R	SENSOR GROUND
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	RH40FB-R28 L-LH-Z

56	52	84	80	76	72	68	64	60	52
55	91	87	83	79	71	67	63	59	55
54	90	86	82	78	66			54	50
53	89	85	81	77	73	69	65	61	57



Terminal No.	Color of Wire	Signal Name [Specification]
49	GR	THROTTLE CONTROL MOTOR (CLOSE) (B2)
50	V	THROTTLE CONTROL MOTOR (OPEN) (B2)
52	R	THROTTLE CONTROL MOTOR POWER SUPPLY (B2)
53	W	IGNITION SW
54	Y	CAN COMMUNICATION LINE (VEL CONTROL MODULE)
55	LG	CAN COMMUNICATION LINE (VEL CONTROL MODULE)
57	L	A/F SEN 1 (B1)
59	O	PHASE SEN (B1)
60	G	SENSOR POWER SUPPLY
61	R	A/F SEN 1 (B1)
63	L	PHASE SEN (B2)
64	SB	SENSOR POWER SUPPLY
65	LG	A/F SEN 1 (B2)
66	V	A/F SEN 1 (B2)
67	P	IAT SEN
68	LG	SENSOR GROUND
69	W	KNOCK SEN (B2)
71	Y	ECT SEN
72	SHIELD	SENSOR GROUND
73	W	KNOCK SEN (B1)
76	W	HEATED OXYGEN SEN 2 (B1)
77	SB	MAF SEN (B1)
78	G	ECOT SEN
79	BR	MAF SEN (B2)
80	O	HEATED OXYGEN SEN 2 (B2)
81	R	FUEL INJECTOR No. 3
82	V	FUEL INJECTOR No. 8
84	B	SENSOR GROUND
85	BR	FUEL INJECTOR No. 2
86	W	FUEL INJECTOR No. 5
87	Y	PSP SEN
89	GR	FUEL INJECTOR No. 1
90	O	FUEL INJECTOR No. 4
91	SB	BATTERY CURRENT SEN
92	G	SENSOR GROUND
93	P	POWER SUPPLY FOR ECM
94	Y	SENSOR GROUND
95	G	SENSOR GROUND

Connector No.	36
Connector Name	P
Connector Type	SENSOR GROUND

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



1	2	3	4	5
6	7	8	9	10

Terminal No.	Color of Wire	Signal Name [Specification]
1	-	VIGN
2	-	BATT
3	-	CAN-H
4	-	K-LINE
5	-	GND
6	-	VIGN
7	-	REV LAMP RLY
8	-	CAN-L
9	-	STARTER RLY
10	-	GND

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



3A	2A	1A
8A	7A	6A

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

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



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

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

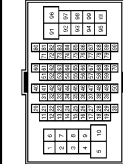
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

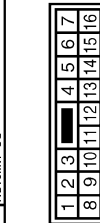
Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



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

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

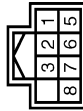
Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NSI (RMW-CS)



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

12	P	-
13	R	-
14	R	-
15	G	-
16	W	-

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



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

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB40FW



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

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

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.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH22FW-NH



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

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

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



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

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



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

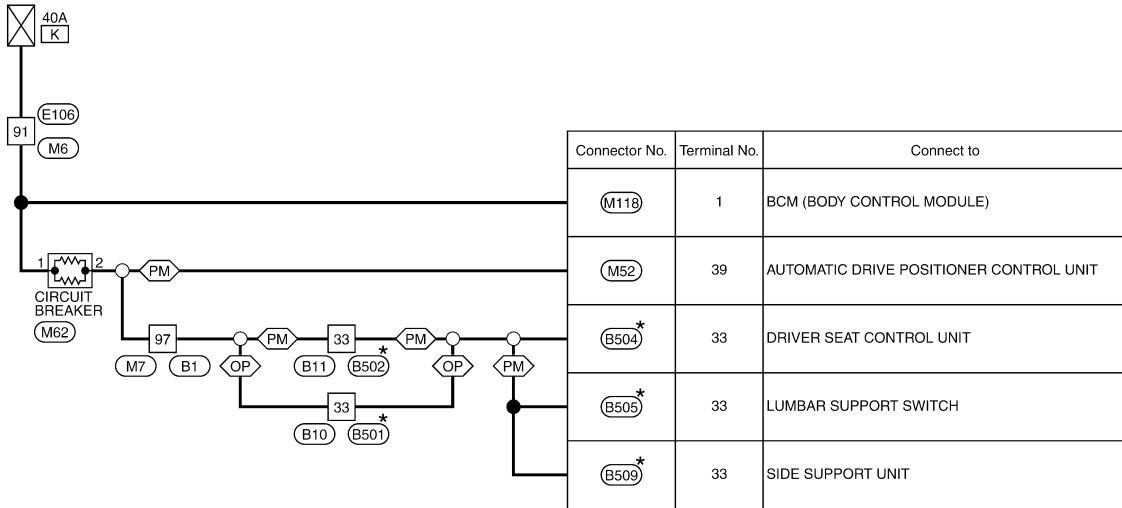
[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000006473006

BATTERY POWER SUPPLY FUSIBLE LINK No. K

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



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

2010/10/12

JCMWN0290GB

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

PG


POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

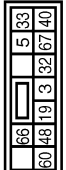
BATTERY POWER SUPPLY FUSIBLE LINK No. K

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




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

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



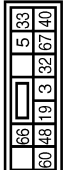
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
5	V	-
19	P	-
32	B	-
33	SB	-
40	G	-
48	B	-
60	BG	-
65	Y	-
67	GR	-

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




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

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



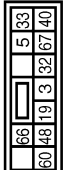
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
5	V	-
19	P	-
32	B	-
33	SB	-
40	G	-
48	B	-
60	BG	-
65	Y	-
67	GR	-

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




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

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



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

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



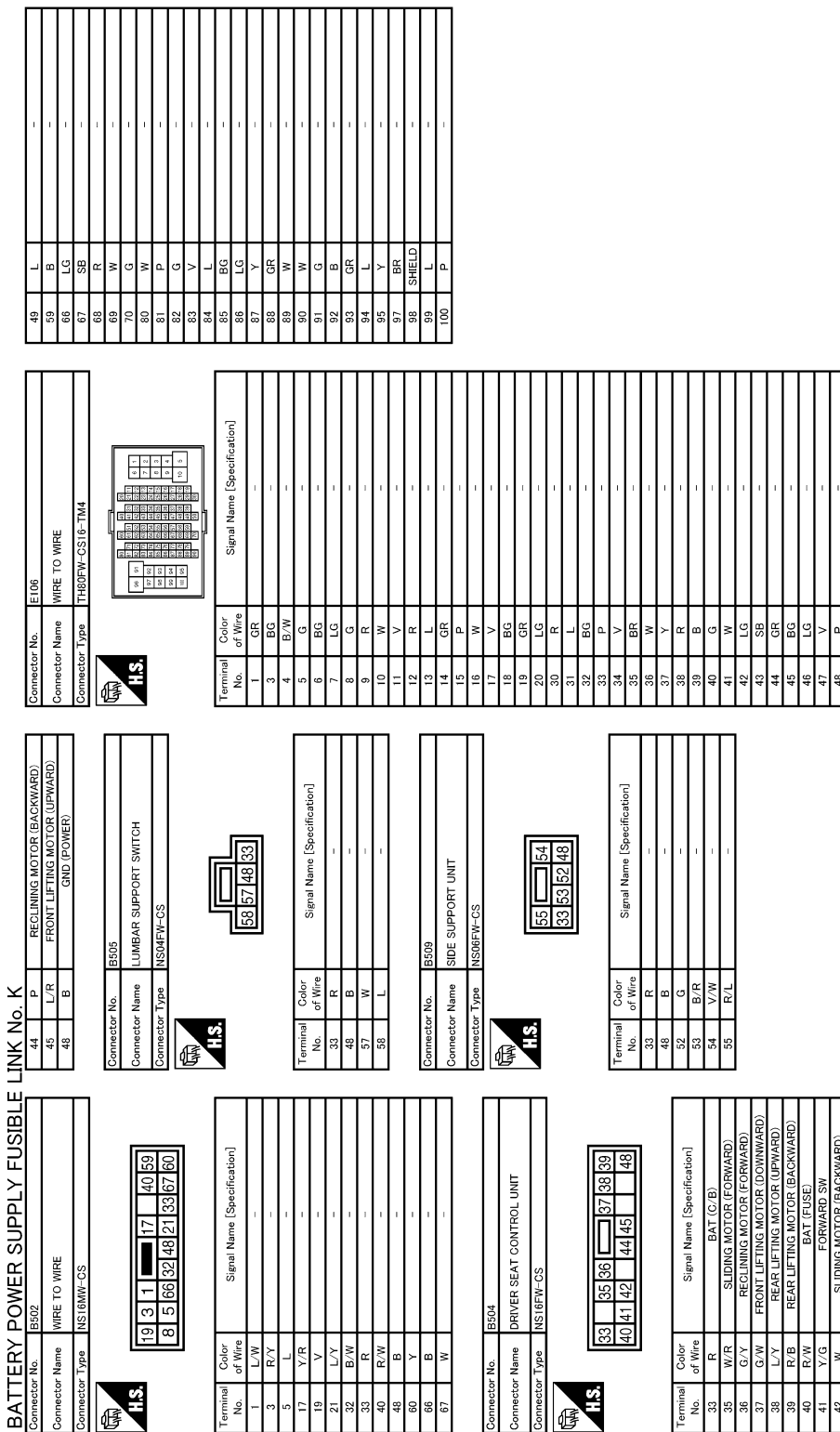
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
5	V	-
19	P	-
32	B	-
33	SB	-
40	G	-
48	B	-
60	BG	-
65	Y	-
67	GR	-

JCMWN0291GB

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

JCMWN0292GB

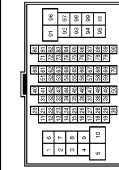
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK No. K

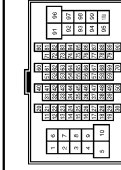
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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



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



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

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

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

Connector No.	M62
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS16FW-CS



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	MD3FB-LC



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

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	Y	POWER WINDOW POWER SUPPLY (BATT)
3	EG	POWER WINDOW POWER SUPPLY (RAP)

JCMWN0294GB

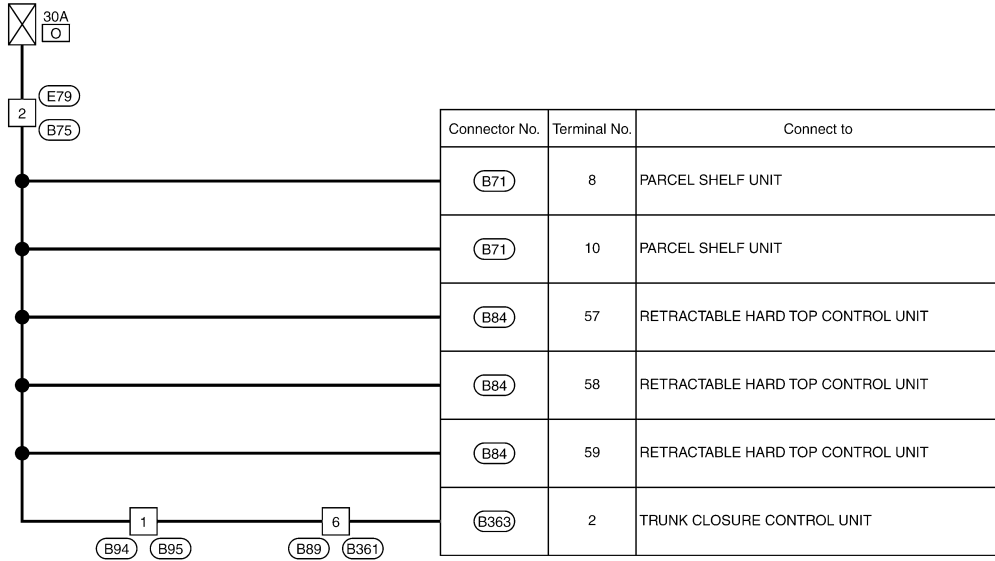
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000006473007



2010/10/12

JCMWN0295GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK No. O

Connector No.	B71
Connector Name	WIRE TO WIRE
Connector Type	MS16FBR-CS



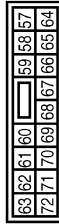
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	SB	-
5	GR	-
6	EG	-
7	R	-
8	Y	-
10	LG	-
12	P	-
14	W	-
16	BR	-

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



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

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



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

Connector No.	B89
Connector Name	WIRE TO WIRE
Connector Type	NS30MMP-CS



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

Connector No.	B94
Connector Name	WIRE TO WIRE
Connector Type	MO1MH-LC



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

Connector No.	B95
Connector Name	WIRE TO WIRE
Connector Type	MO1FF-LC



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

Connector No.	B381
Connector Name	WIRE TO WIRE
Connector Type	MS08FW-CS



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

Connector No.	E383
Connector Name	TRUNK CLOSURE CONTROL UNIT
Connector Type	MS04FW-CS



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

Connector No.	E79
Connector Name	WIRE TO WIRE
Connector Type	MO2FW-LC



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

JCMWN0296GB

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


POWER SUPPLY ROUTING CIRCUIT

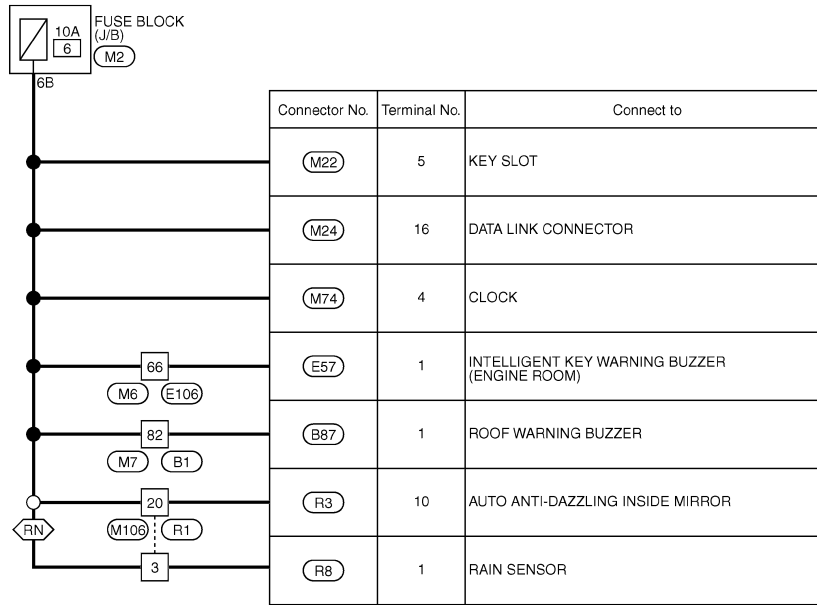
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000006473008

 : With rain sensor



2009/11/10

JCMWM6335GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS1.6-TM4



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

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

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



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

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



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

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

JCMWN0297GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

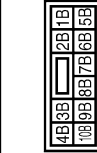
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4



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

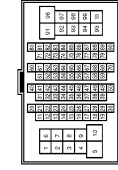
49	L	-
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

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



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-CS16-TM4



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

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

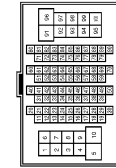
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 6

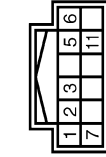
Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS-E-TM4



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

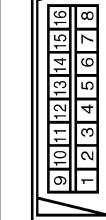
44	Y	-
45	BR	-
46	SB	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system]
49	SB	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	R	-
52	V	-
53	P	-
54	BR	-
55	Y	- [With A/T]
55	BG	- [With M/T]
56	L	-
57	V	-
58	R	-
60	LG	-
61	BG	-
62	B	-
63	V	-
64	SB	-
65	BR	-
66	Y	-
67	P	-
68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

Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FH-NH



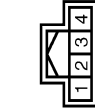
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BAT
2	GR	CLOCK
3	W	DATA
5	Y	ILL.BAT
6	LG	ILL
7	B	GND
11	SB	KEY SWITCH SIGNAL

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



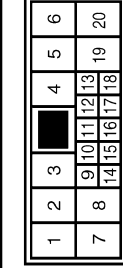
Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	BR	-
6	L	-
7	V	-
8	G	-
11	SB	-
14	P	-
16	R	-

Connector No.	M14
Connector Name	CLOCK
Connector Type	TH6FPV-NH



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

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



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

JCMWN0299GB

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 FUSE No. 6

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH10FY-C510



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

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

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



10	8	6
----	---	---

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

Connector No.	R6
Connector Name	RAIN SENSOR
Connector Type	HA503FB



1	2	3
---	---	---

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

JCMWN0300GB

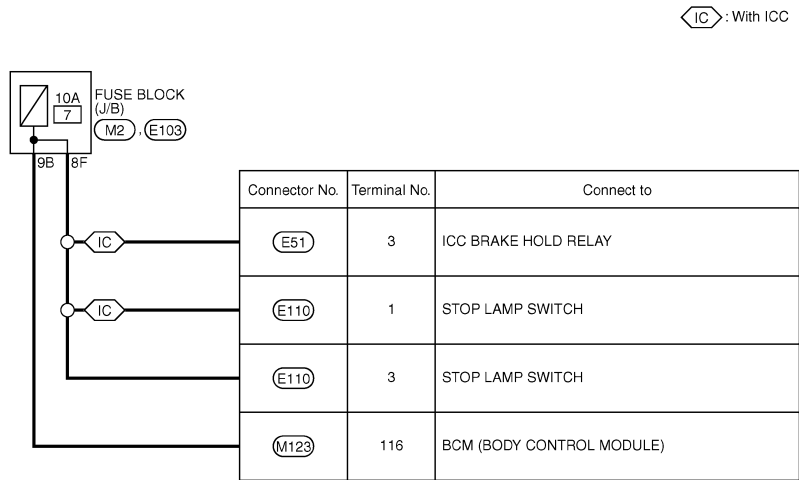
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 - BATTERY POWER SUPPLY FUSE No. 7

INFOID:000000006473009



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

PG

2009/02/27

JCMWA4292GB

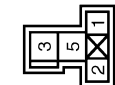
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

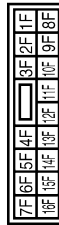
BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E51
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS20FL-MZ-LC



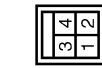
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	V	-
3	R	-
5	P	-

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



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

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



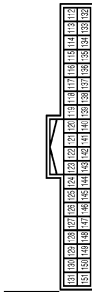
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	V	-
3	L	- [With ICG] - [Without ICG]
4	SB	- [With ICG] - [Without ICG]
4	W	- [Without ICG]

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



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

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



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


POWER SUPPLY ROUTING CIRCUIT

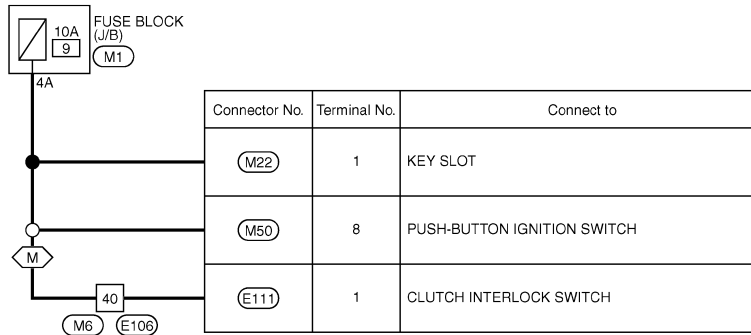
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000006473010

 : With M/T



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

PG

2009/11/10

JCMWM6341GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 9

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



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

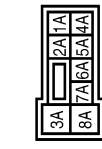
49	L	-
59	B	-
66	LG	-
67	SS	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

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



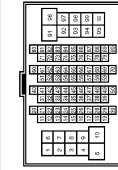
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	GR	-

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



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

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



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

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

POWER SUPPLY ROUTING CIRCUIT

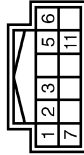
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

BATTERY POWER SUPPLY FUSE No. 9

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



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

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



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

JCMWN0303GB

PG

POWER SUPPLY ROUTING CIRCUIT

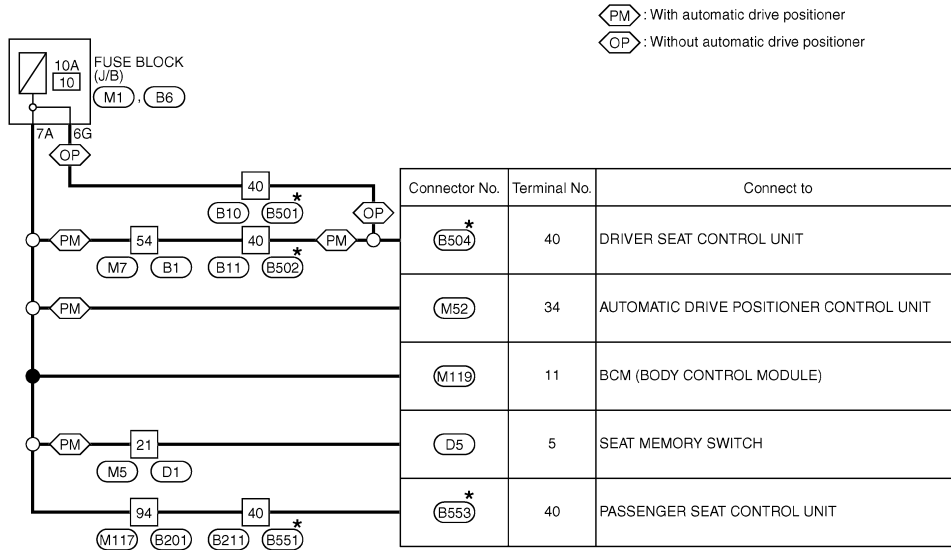
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

INFOID:000000006473011

BATTERY POWER SUPPLY FUSE No. 10



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

2009/02/27

JCMWA4296GB

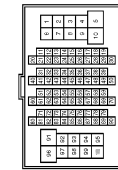
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 10

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



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

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

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



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

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	MS12FW-CS



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

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	MS16FW-CS



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

JCMWN0304GB

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 FUSE No. 10

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



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

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

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



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

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

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



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

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

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



19	3	1	17	40	59
8	5	66	32	48	21
33	67	60	60	60	60

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

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



33	35	36	37	38	39	40	41	42	44	45	48
40	41	42	44	45	48	38	39	37	35	36	33

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

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



32	5	40	63
67	66	8	48
60	60	60	60

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

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

BATTERY POWER SUPPLY FUSE No. 10

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



33	35	36	37	38	39
40	41	42	44	45	48

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

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



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

Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	P	- [A/T models with automatic drive positioner]
5	B	- [Except for A/T models with automatic drive positioner]
6	SB	-

Connector No.	B5
Connector Name	SEAT MEMORY SWITCH
Connector Type	A08FW



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

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

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



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

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

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

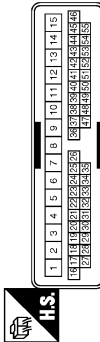
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS15



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

42	R	-
43	G	-
44	Y	-
45	GR	-
46	BR	-
47	V	- [With climate controlled seat]
48	LG	- [Without climate controlled seat]
49	P	-
50	SB	-
51	GR	-
52	L	-

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



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

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

94	P	-
95	GR	-
96	Y	-
97	SB	-
99	V	-
100	Y/B	-

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



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	THROMW-CS (F-TM4)



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

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

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



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

JCMWN0308GB

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

POWER SUPPLY ROUTING CIRCUIT



< DTC/CIRCUIT DIAGNOSIS >

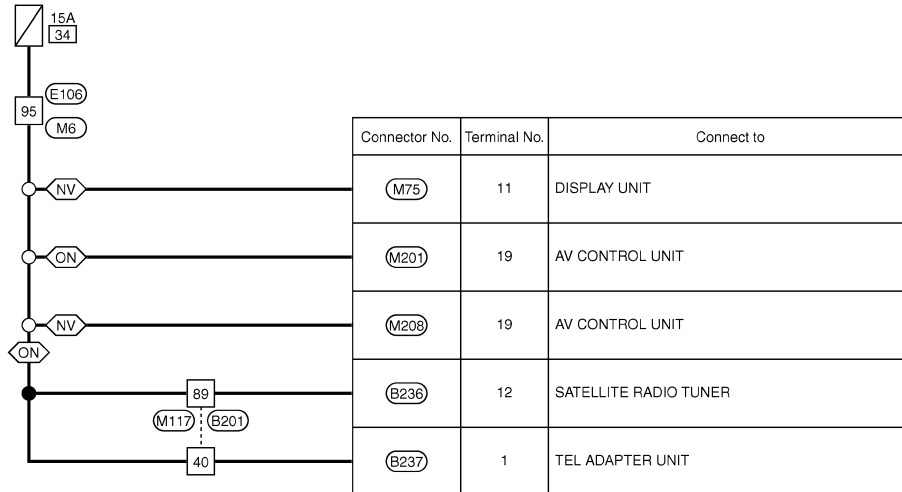
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000006473012

BATTERY POWER SUPPLY FUSE No. 34

 : With NAVI
 : Without NAVI



2009/11/10

JCMWM6349GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

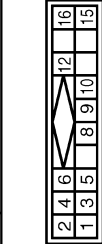
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

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

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



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

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH52FW-NH



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

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

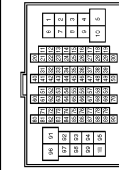
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

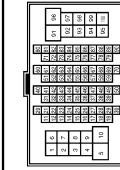
BATTERY POWER SUPPLY FUSE No. 34

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH807V-CS16-TM4



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH807V-CS16-TM4



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

95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

Connector No.	MT5
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



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

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

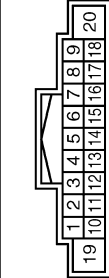
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



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

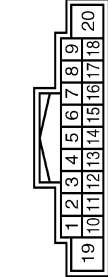
90	W	-
91	GR	-
92	P	-
93	W	-
94	BG	-
95	BG	-
96	P	-
97	L	-
98	Y/B	-
99	Y	-

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



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

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



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

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

POWER SUPPLY ROUTING CIRCUIT

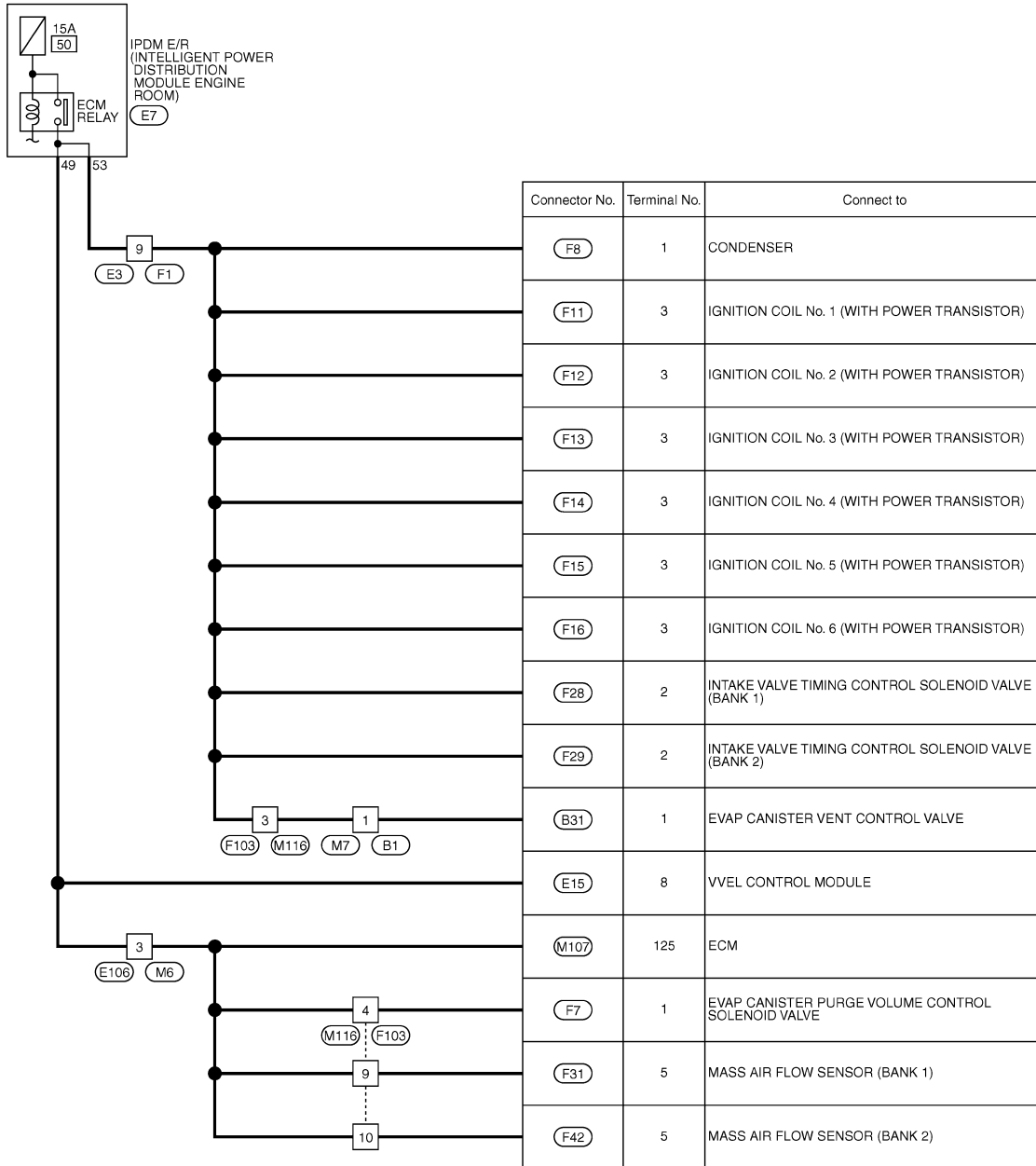
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000006473013

BATTERY POWER SUPPLY FUSE No. 50



2009/11/10

JCMWM6353GB

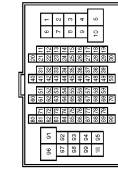
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

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



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

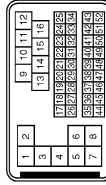
44	SB	-
45	V	-
46	W	-
47	SB	-
48	LG	-
49	LG	- [With BOSE system]
49	Y	- [Without BOSE system]
50	SB	- [With BOSE system]
50	LG	- [Without BOSE system]
51	SB	-
52	G	-
53	LG	-
54	BR	-
55	Y	-
56	W	-
57	V	-
58	R	-
60	R	-
61	BG	-
62	B	-
63	L	-
64	P	-
65	B	-
66	SB	-
67	P	-
68	L	-
69	P	-
70	L	-
80	G	-
81	V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

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



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS8-SHZ8



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

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

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

JCMWN0312GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

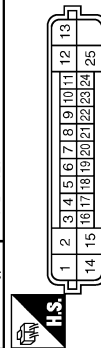
BATTERY POWER SUPPLY FUSE No. 50

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



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

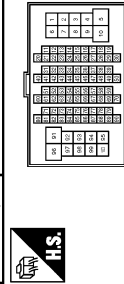
Connector No.	E15
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJ28-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VVEL ACTUATOR MOTOR POWER SUPPLY (B2)
2	L/B	VVEL ACTUATOR MOTOR (HIGH LIFT) (B2)
3	G	VVEL CONTROL SHAFT POS. SEN. Z (B1)
4	W	SENSOR GROUND
5	R	VVEL CONTROL SHAFT POS. SEN. Z (B2)

6	B	SENSOR GROUND
7	SB	SENSOR POWER SUPPLY
8	BG	POWER SUPPLY FOR VVEL CONTROL MODULE
9	LG	SENSOR POWER SUPPLY
11	G	CAN COMMUNICATION LINE (ECM)
12	G	VVEL ACTUATOR MOTOR (HIGH LIFT) (B1)
13	W	VVEL ACTUATOR MOTOR POWER SUPPLY (B1)
14	B/W	VVEL CONTROL MODULE GROUND
15	L/Y	VVEL ACTUATOR MOTOR (LOW LIFT) (B2)
16	R	VVEL CONTROL SHAFT POS. SEN. I (B1)
17	L	SENSOR GROUND
18	G	VVEL CONTROL SHAFT POS. SEN. I (B2)
19	W	SENSOR GROUND
20	BR	SENSOR POWER SUPPLY
21	V	VVEL ACTUATOR MOTOR RELAY ABORT SIGNAL
22	P	SENSOR POWER SUPPLY
23	Y	VVEL CONTROL MOTOR RELAY
24	L	CAN COMMUNICATION LINE
25	BR	VVEL CONTROL MOTOR (LOW LIFT) (B1)

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



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

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

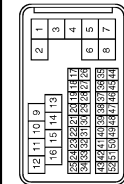
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

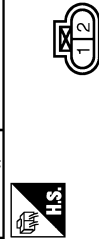
BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA33PE-RS-SIZ3



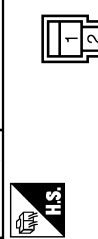
43	R	
46	SHIELD	
47	W/L	
48	LG	
49	O/L	
50	L/Y	
51	W	
52	L/G	

Connector No.	F7
Connector Name	51P GANSTER PULSE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS-LGY



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

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



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

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



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

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]

1	L	
2	B	
3	W	

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



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

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



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

JCMWN0314GB

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 FUSE No. 50

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



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

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



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

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EDPCG-RS-LGY



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

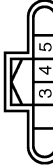
2	R
---	---

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH00P-B



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

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH00P-B



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

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



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

JCMWN0315GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

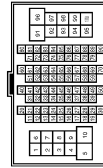
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS (F-TM4)



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

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

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



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

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

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

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

JCMWN0316GB

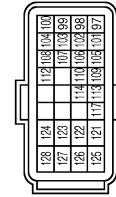
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

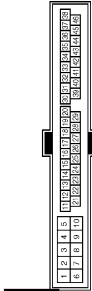
BATTERY POWER SUPPLY FUSE No. 50

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



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

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



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

JCMWN0317GB

POWER SUPPLY ROUTING CIRCUIT

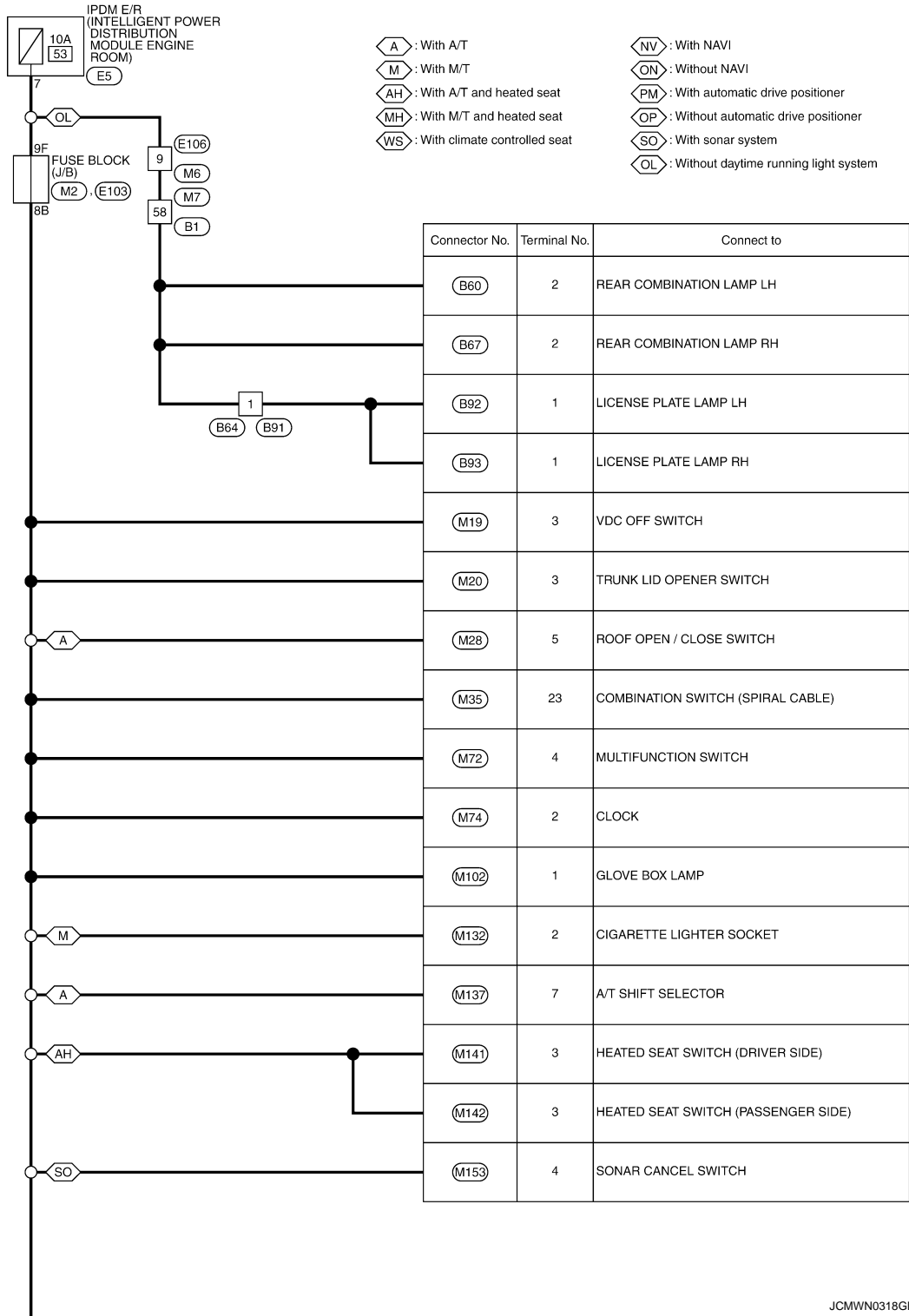
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000006473014

BATTERY POWER SUPPLY FUSE No. 53



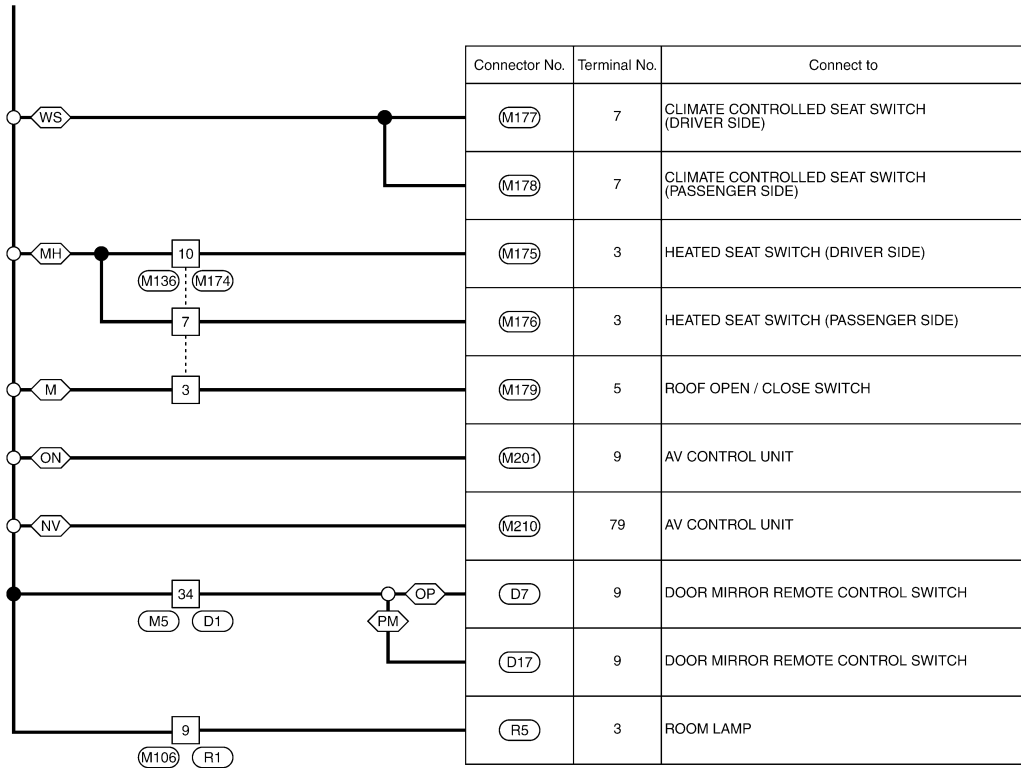
JCMWN0318GB

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]



2010/10/12

JCMWN0319GB

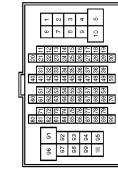
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80PV-CS16-TM4



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

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

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



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

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



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

Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS08MW-CS



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

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



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

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



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

JCMWN0320GB

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]

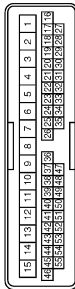
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B93
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RV20FBR



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

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH20FW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	P	- [A/T models with automatic drive positioner]
6	B	- [Except for A/T models with automatic drive positioner]
7	SB	-
8	G	-
9	P	-
10	LG	-
11	W	-
12	L	-
13	B	-
14	V	-
15	Y	-
16	Y/B	-
17	Y	-
20	V	-
21	R	-
22	P	-
23	O	-
24	Y	-

25	SB	-
26	GR	-
27	GR	-
28	LG	-
29	G	-
30	Y	-
31	W	-
32	BR	-
33	L	-
34	R	-
35	V	-
37	B	-
38	O	-
39	GR	-
40	G	-
41	Y	-
42	LG	-
43	BR	-
44	V	-
45	P	-
46	W	-
47	V	-
48	P	-
49	W	-
50	SB	-
51	R	-
52	L	-

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK1 (6FW)



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

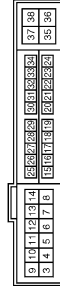
12	G	-
13	GR	-
14	BR	-
15	O	-
16	W	-

Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK1 (6FBR)



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

Connector No.	E5
Connector Name	SMOLE R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-MM-IV



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

4	V	-
5	L	-
6	SB	-
7	R	-
11	BR	-
12	B/W	-
13	Y	-
16	LG	-
19	W	-
25	G	-
26	R	-
27	BG	-
28	L	-
30	GR	-
32	V	-
33	P	-
36	G	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS1 (6PW-CS)



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

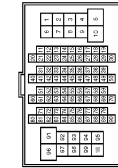
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 53

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



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

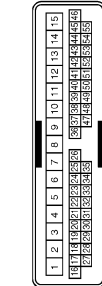
49	L	-
59	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	G	-
80	W	-
81	P	-
82	G	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-
88	GR	-
89	W	-
90	W	-
91	G	-
92	B	-
93	GR	-
94	L	-
95	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

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



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

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS15



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

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

JCMWN0322GB

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

PG

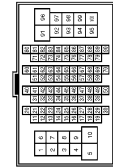
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

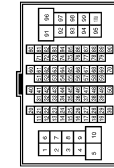
BATTERY POWER SUPPLY FUSE No. 53

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



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

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



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

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

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK08FCY



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

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M20
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TK06FW



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

Connector No.	M28
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TK06FW-TV



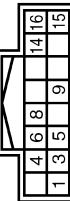
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	V	-
3	BR	-
4	R	-
5	GR	-

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-TV



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

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



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

Connector No.	M74
Connector Name	GLOCK
Connector Type	TH06FW-NH



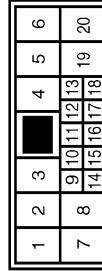
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	ILLUMINATION (-)
2	L	ILLUMINATION (+)
3	B	GND
4	Y	BAT

Connector No.	M102
Connector Name	GLOVE BOX LAMP
Connector Type	A07FW



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

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	INH10MW-CS10



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

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

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03PW-CS



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

JCMWN0324GB

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 FUSE No. 53

Connector No.	M136
Connector Name	WIRE TO WIRE
Connector Type	TH24VW-NH



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

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

Connector No.	M137
Connector Name	A/T SHIFT SELECTOR
Connector Type	TH12VW-NH



1	2	3	4	5	6
7	8	9	10	11	

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

7	Y	-
8	SB	-
9	B	-
10	GR	-
11	R	-

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



1	2	3	4	5
6	4	3	2	1

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

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



1	2	3	4	5
6	4	3	2	1

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

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



1	2	3	4	5	6
1	2	3	6		

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

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



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

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

24	Y	-
----	---	---

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



1	2	3	4	5	6
1	2	3	4	5	6

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

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



1	2	3	4	5	6
1	2	3	4	5	6

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

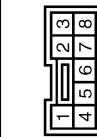
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M177
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK08FW



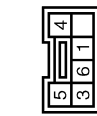
Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	V	-
3	P	-
4	BR	-
5	GR	-
6	B	-
7	R	-
8	R	-

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



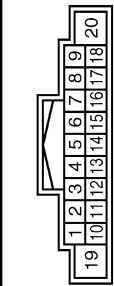
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-
4	BG	-
5	Y	-
6	B	-
7	R	-
8	R	-

Connector No.	M179
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TK08FIV-IV



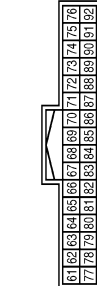
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	V	-
4	BR	-
5	R	-
6	GR	-

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



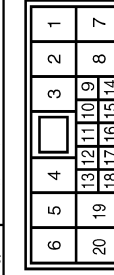
Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT LH (-)
3	W	SOUND SIGNAL FRONT LH (-)
4	LG	SOUND SIGNAL REAR LH (-)
5	SB	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
9	L	ILLUMINATION
11	BR	SOUND SIGNAL FRONT RH (-)
12	GR	SOUND SIGNAL FRONT RH (-)
13	L	SOUND SIGNAL REAR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

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH52FW-NH



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

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-GS10



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

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

Connector No.	R5
Connector Name	ROOM LAMP
Connector Type	TK08FGY



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

JCMWN0326GB

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

PG

POWER SUPPLY ROUTING CIRCUIT

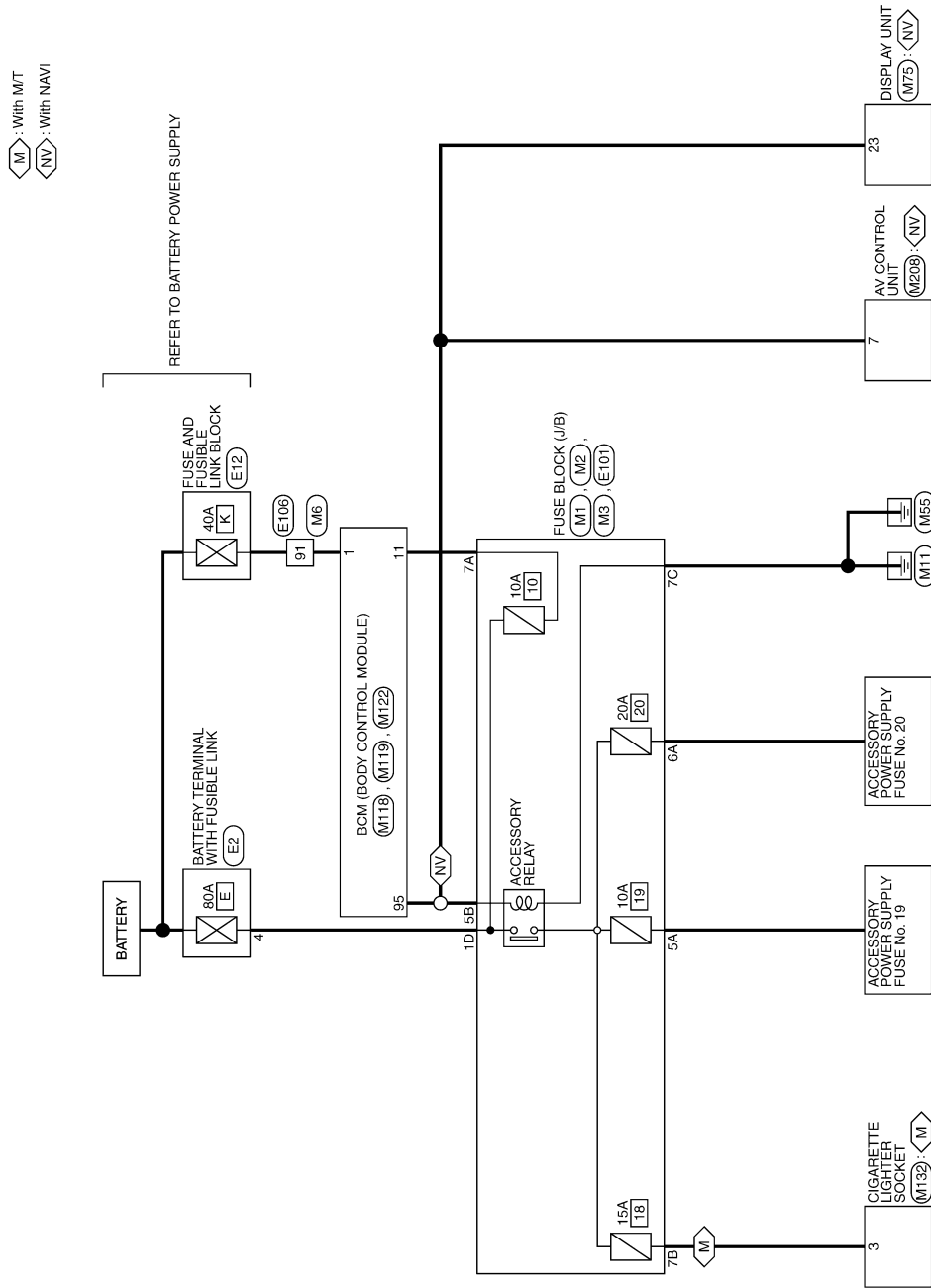
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000006473015

ACCESSORY POWER SUPPLY



2010/10/12

JCMWN0327GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

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



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

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



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

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH0FW-CS16-TM4



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

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

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

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



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

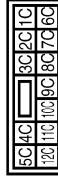
Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



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

4B	G	
5B	BG	
6B	V	
7B	P	
8B	R	
9B	SB	

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



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

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

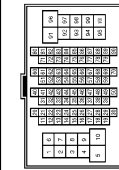
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ACCESSORY POWER SUPPLY

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH30MW-CS(E)-TMM



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

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

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



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

19	P	COMPOSITE IMAGE GND
22	SHIELD	SHIELD
23	LG	ACC

Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LG



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

Connector No.	M19
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
72	R	ROOM ANT Z-
73	G	ROOM ANT Z+
74	SB	PASSENGER DOOR ANT-
75	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	V	ROOM ANT 1-
79	BR	ROOM ANT 1+
80	GR	MATS ANTENNA AMP
81	W	MATS ANTENNA AMP
82	R	IGN RELAY (F/B) CONT
83	Y	KEYLESS ENTRY RECEIVER COMM
87	Y	COMBI SW INPUT 5
88	BG	COMBI SW INPUT 3
89	BR	PUSH SW
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	BG	ACC RELAY CONT
96	GR	A-T SHIF SELECTOR POWER SUPPLY
97	L	S/L CONDITION 1
98	SB	S/L CONDITION 2
99	R	ASCD CLUTCH SW [With M/T]
89	R	SHIFT P [With A/T]
100	Y	PASSENGER DOOR REQUEST SW
101	P	DRIVER DOOR REQUEST SW
102	BG	BLOWER FAN MOTOR RELAY CONT
103	LG	KEYLESS ENTRY RECEIVER POWER SUPPLY
106	W	S/L UNIT POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	W	COMBI SW INPUT 2
110	G	HAZARD SW
111	Y	S/L UNIT COMM

JCMWN0329GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

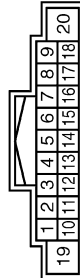
ACCESSORY POWER SUPPLY

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS33PW-CS



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

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18PW-CS2



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

JCMWN0330GB

PG

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

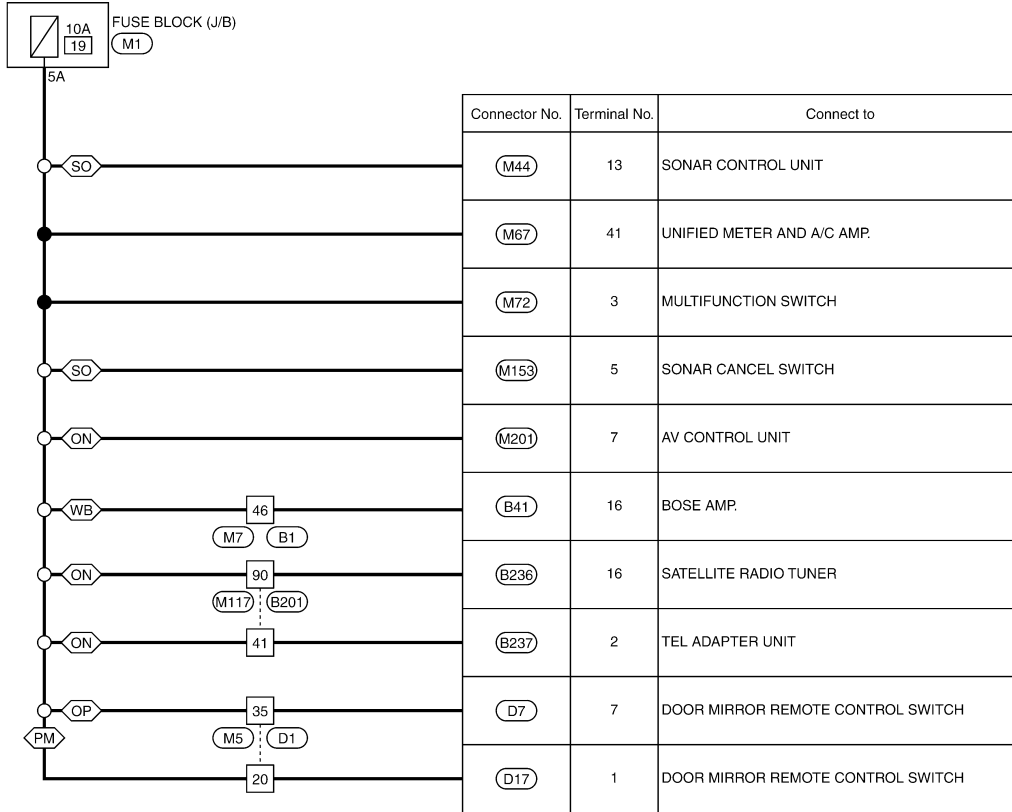
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:000000006473016

ACCESSORY POWER SUPPLY FUSE No. 19

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



2010/10/12

JCMWN0331GB

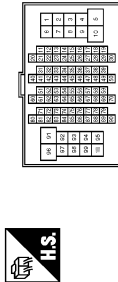
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

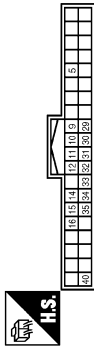
ACCESSORY POWER SUPPLY FUSE No. 19

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



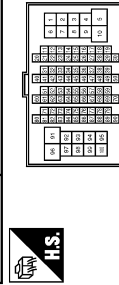
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	L	
3	R	
4	V	
5	W	
6	B	
7	G	
8	BR	
9	BR	
10	BR	
11	SHIELD	
12	SHIELD	
13	Y	
14	L	
15	R	
16	W	
17	BR	
18	G	
19	G	
20	G	
21	SB	
22	GR	
23	W	
24	SB	
25	BR	
26	LG	
27	Y	
28	V	
29	V	
30	SHIELD	
31	SHIELD	
32	G	
33	R	
34	BG	
35	GR	
36	BR	
37	P	-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

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



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

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



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

Terminal No.	Color of Wire	Signal Name [Specification]
9	GR	
10	LG	
40	GR	
41	LG	
42	BG	
43	R	
44	SHIELD	
45	G	
47	G	
48	Y	
49	SHIELD	
50	P	
51	SB	
52	LG	
53	L	
54	G	
55	GR	
56	LG	
57	G	
58	R	
67	L	
68	P	
80	G	
81	R	
82	W	
83	B	
84	SHIELD	
85	O	
86	BR	
87	Y	
88	SHIELD	
89	SB	
90	V	
91	GR	
92	P	- [With BOSE system]
92	Y	- [Without BOSE system]
93	L	
94	SB	
95	V	
96	P	
97	L	- [With BOSE system]
97	LG	- [Without BOSE system]
98	Y/B	
99	Y	

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

JCMWN0332GB

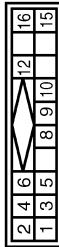
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ACCESSORY POWER SUPPLY FUSE No. 19

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



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

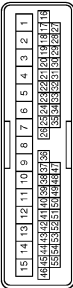
Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH22FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BATTERY
2	LG	ACC
3	BG	IGNITION
4	B	GND
5	SHIELD	SHIELD
7	R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	Y	TEL VOICE SIGNAL (+)
10	G	TEL VOICE SIGNAL (-)
14	B	GND

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

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH46FW-CS15



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

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



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

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



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

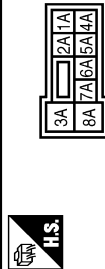
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

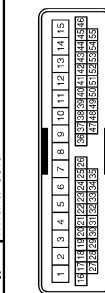
ACCESSORY POWER SUPPLY FUSE No. 19

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



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

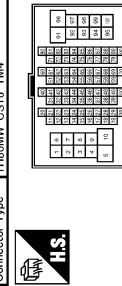
Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



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

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

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



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

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

2	LG	-	-	-	-
3	G	-	-	-	-
4	V	-	-	-	-
5	L	-	-	-	-
6	B	-	-	-	-
9	L	-	-	-	-
10	BR	-	-	-	-
12	SHIELD	-	-	-	-
13	V	-	-	-	-
14	BR	-	-	-	-
15	GR	-	-	-	-
16	LG	-	-	-	-
17	L	-	-	-	-
20	BR	-	-	-	-
21	G	-	-	-	-
22	R	-	-	-	-
23	SB	-	-	-	-
24	B	-	-	-	-
25	W	-	-	-	-
26	Y	-	-	-	-
27	V	-	-	-	-
28	P	-	-	-	-
29	V	-	-	-	-
31	SHIELD	-	-	-	-
32	G	-	-	-	-
33	R	-	-	-	-
34	BG	-	-	-	-
35	GR	-	-	-	-
36	BR	-	-	-	-
37	L	-	-	-	-
38	V	-	-	-	-
38	GR	-	-	-	-
40	SHIELD	-	-	-	-
41	L	-	-	-	-
42	B	-	-	-	-
43	SHIELD	-	-	-	-
44	Y	-	-	-	-
45	BR	-	-	-	-
46	SB	-	-	-	-
47	SB	-	-	-	-
48	LG	-	-	-	-
49	LG	-	-	-	-
49	SB	-	-	-	-
50	SB	-	-	-	-
50	LG	-	-	-	-
51	R	-	-	-	-
52	V	-	-	-	-
53	P	-	-	-	-
54	BR	-	-	-	-
55	Y	-	-	-	-
55	BG	-	-	-	-

JCMWN0334GB

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

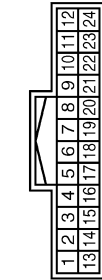
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

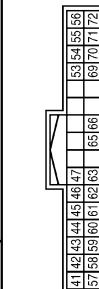
ACCESSORY POWER SUPPLY FUSE No. 19

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



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

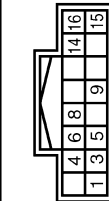
Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH2FPV-NH



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

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

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH1FPV-NH



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

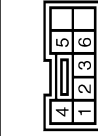
Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH20MW-CS16-TM4



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

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

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



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

POWER SUPPLY ROUTING CIRCUIT

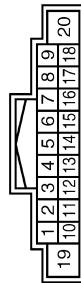
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M201
Connector Name	AV CONTROL UNIT
Connector Type	TH18PW-CSZ



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

JCMWN0336GB

PG

POWER SUPPLY ROUTING CIRCUIT

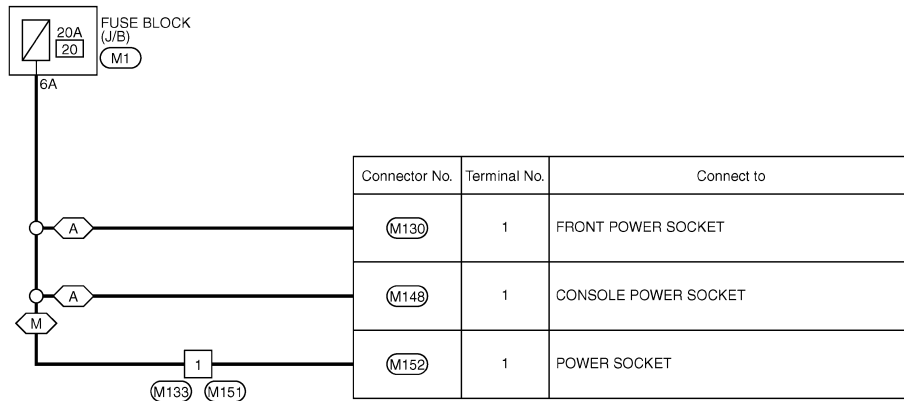
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 20 - ACCESSORY POWER SUPPLY FUSE No. 20

INFOID:000000006949178

⬡ : With A/T
⬢ : With M/T



2010/08/18

JCMWM9826GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 20

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS8FV-MZ



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

Connector No.	M130
Connector Name	FRONT POWER SOCKET
Connector Type	P02FE-Z



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

Connector No.	M133
Connector Name	WIRE TO WIRE
Connector Type	M02FB-LC



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

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



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

Connector No.	M151
Connector Name	WIRE TO WIRE
Connector Type	M02MB-P-LC



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

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



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

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

PG

JCMWN0337GB

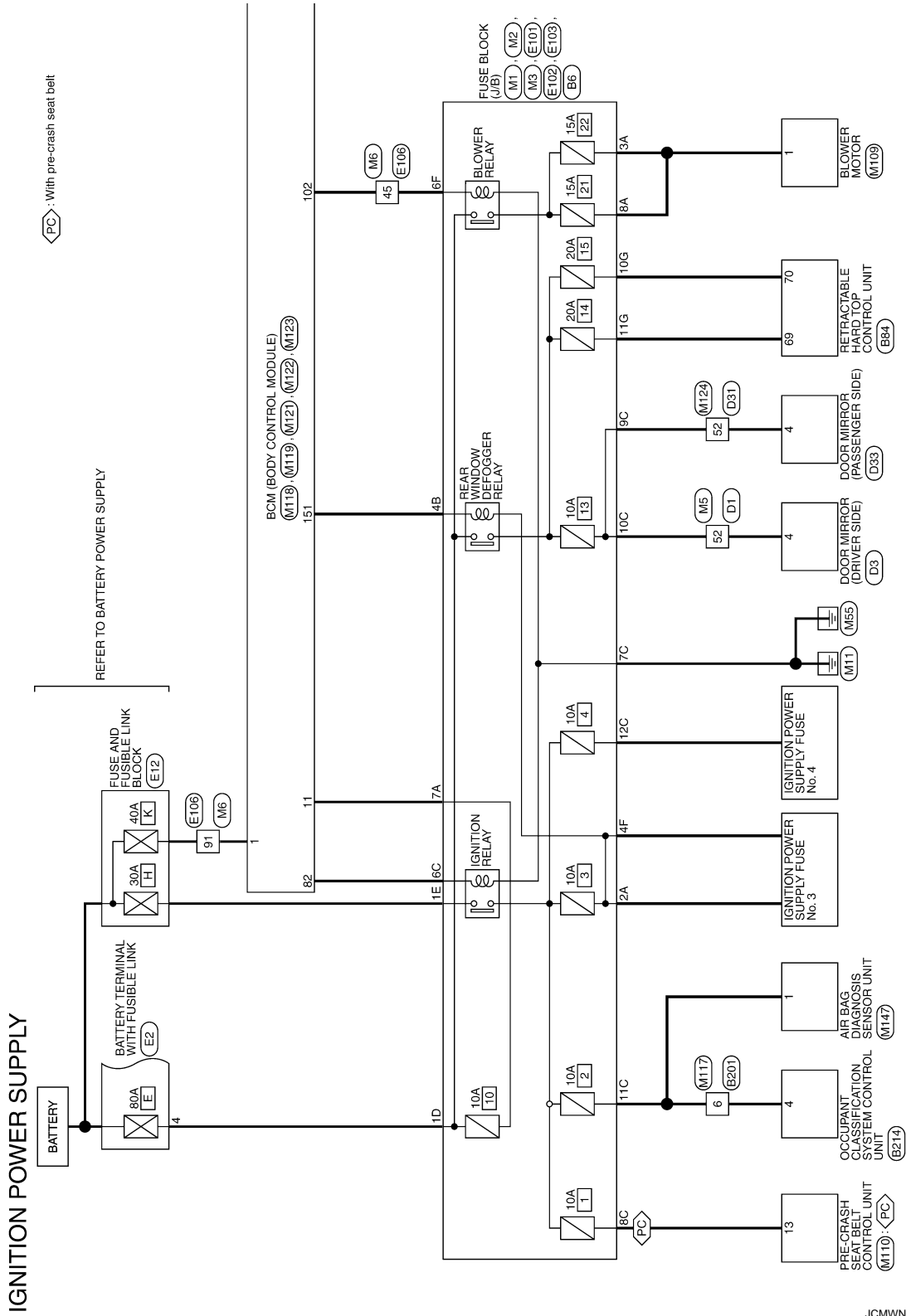
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY -

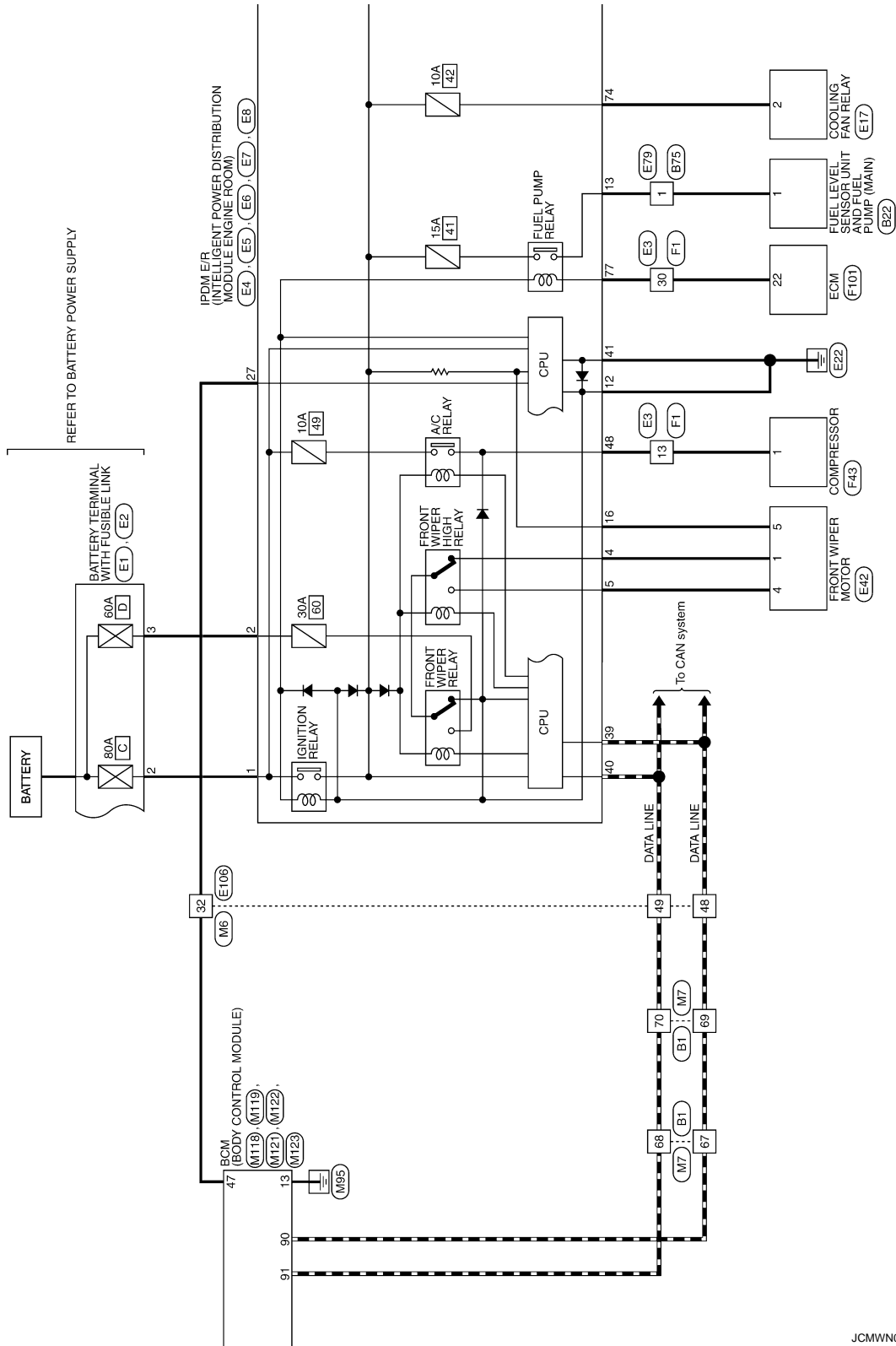
INFOID:000000006473017



POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >



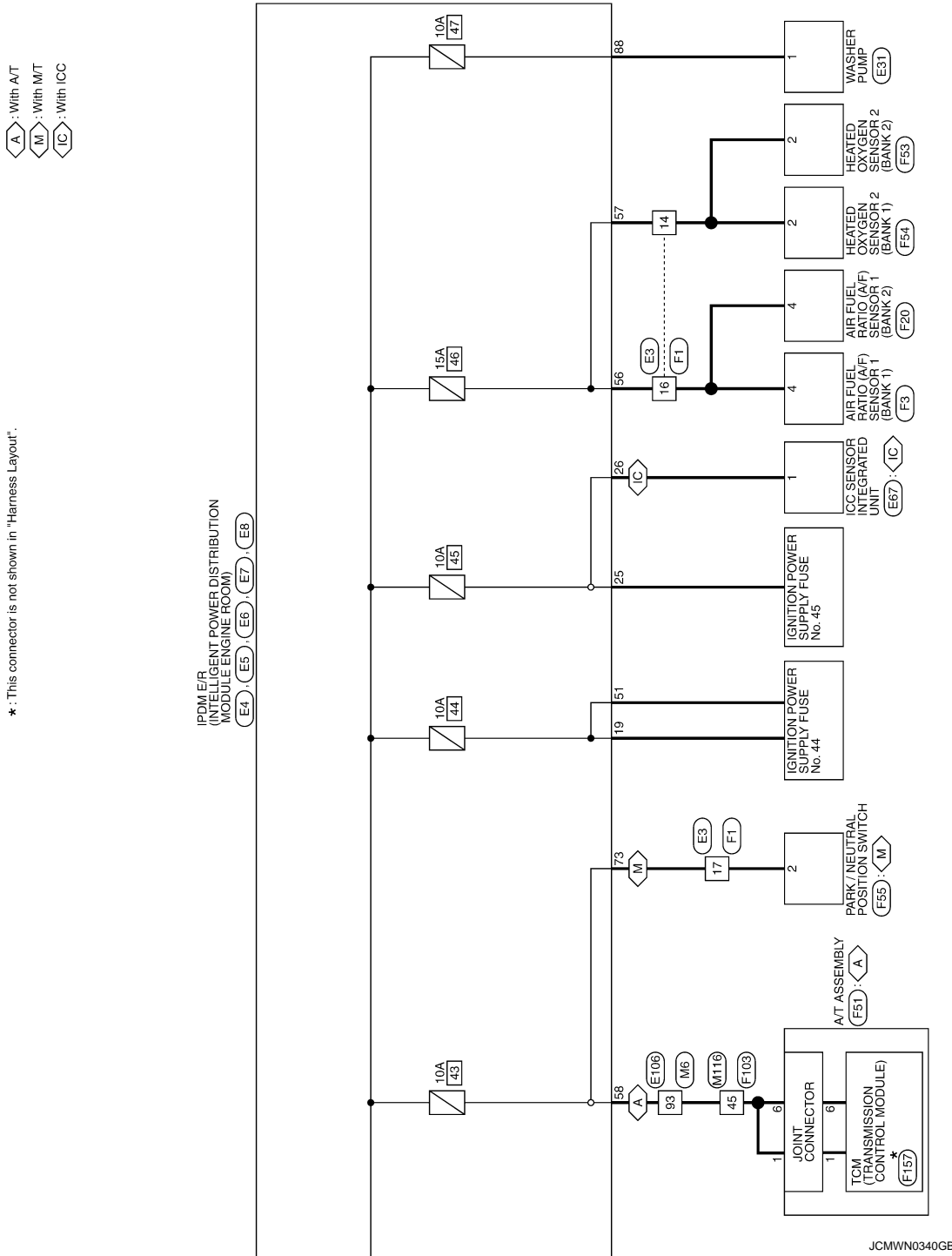
JCMWN0339GB

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]



- : With A/T
- : With M/T
- : With ICC

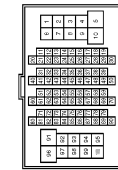
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



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

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

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



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

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



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

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



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

Connector No.	B84
Connector Name	RETRACTABLE HARD TOP CONTROL UNIT
Connector Type	MS15PW-CS



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

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

JCMWN0341GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY

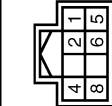
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM44



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

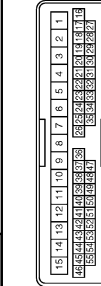
89	SB	-
90	V	-
91	GR	-
92	P	- [With BOSE system]
92	Y	- [Without BOSE system]
93	L	-
94	SB	-
95	V	-
96	P	-
97	L	- [With BOSE system]
97	LG	- [Without BOSE system]
98	Y/B	-
99	Y	-

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	P	- [A/T models with automatic drive positioner]
5	B	- [Except for A/T models with automatic drive positioner]
6	SB	-

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



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

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

JCMWN0342GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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

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



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

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

5	6	7	2	1	4
12	11	10	9	8	



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

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

1	2
---	---



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

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

3	4
---	---



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

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

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32



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

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

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



1	2
---	---

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

JCMWN0343GB

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]

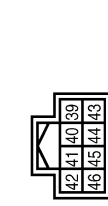
IGNITION POWER SUPPLY

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



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

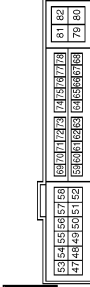
Connector No.	E6
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-NH



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

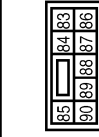
44	LG	-	83	R	-
45	G	-	84	P	-
46	W	-	86	W	-

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



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

Connector No.	E8
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	INS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
85	84	83
90	89	88
87	86	80

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



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

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



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

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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	Z4347-9F300



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

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



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E19
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

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



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

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



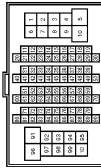
Terminal No.	Color of Wire	Signal Name [Specification]
1E	G	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	N51EFT-CS



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

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



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

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

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

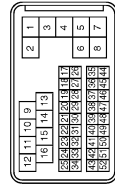
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA33FE-RS8-S1Z3



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

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

Connector No.	F3
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	RH04MDGY-BR



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

Connector No.	F20
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	RH04MDGY-BR



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

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



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

Connector No.	F51
Connector Name	A-T ASSEMBLY
Connector Type	RK0FG-DCY



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

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AF204FB



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

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AF204FB



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

JCMWN0346GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

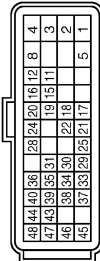
IGNITION POWER SUPPLY

Connector No.	F153
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	RK02FB



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

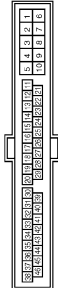
Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	A/F SEN 1 HEATER (B1)
2	G	THROTTLE CONTROL MOTOR (OPEN) (B1)
3	R	THROTTLE CONTROL MOTOR POWER SUPPLY (B1)
4	BR	THROTTLE CONTROL MOTOR (CLOSE) (B1)
5	W	A/F SEN 1 HEATER (B2)
8	B	ECM GROUND
11	GR	IGNITION SIGNAL No. 4
12	L	IGNITION SIGNAL No. 3
15	V	IGNITION SIGNAL No. 5
16	G	IGNITION SIGNAL No. 2
17	P	HEATED OXYGEN SEN 2 HEATER (B1)
18	W	IVT CONTROL SOL (B1)
19	SB	IGNITION SIGNAL No. 6
20	Y	IGNITION SIGNAL No. 1
21	GR	EVAP CANISTER PURGE VOLUME CONTROL SOL
22	R	FUEL PUMP RELAY
24	P	ECM RELAY (SELF SHUT-OFF)
25	O	THROTTLE CONTROL MOTOR RELAY
28	BR	VVEL CONTROL MODULE
28	G	VT CONTROL SOL (B2)

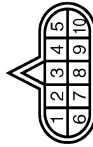
Terminal No.	Color of Wire	Signal Name [Specification]
30	Y	TPS 1 (B1)
31	R	TPS 1 (B2)
32	SB	HEATED OXYGEN SEN 2 HEATER (B2)
34	B	TPS 2 (B1)
35	W	TPS 2 (B2)
36	O	SENSOR GROUND
37	W	POS SEN
38	O	MAP SEN
39	P	BRAKE BOOST PRESS SEN
40	R	SENSOR GROUND
43	G	SENSOR POWER SUPPLY
44	L	SENSOR POWER SUPPLY
45	LG	SENSOR POWER SUPPLY
46	R	SENSOR POWER SUPPLY
47	Y	SENSOR GROUND
48	B	SENSOR GROUND

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



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

Connector No.	F157
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SPT08G



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	VIGN
2	-	BATT
3	-	CAN-H
4	-	K-LINE
5	-	GND
8	-	VIGN
7	-	REV LAMP RLY
8	-	CAN-L
9	-	STARTER RLY
10	-	GND

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



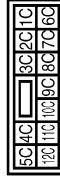
Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	BR	-
6A	Y	-
7A	GR	-
8A	L	-

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



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

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



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

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

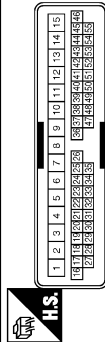
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

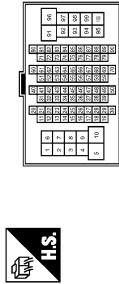
Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS15



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

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

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



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

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

JCMWN0348GB

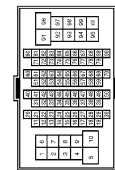
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

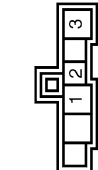
IGNITION POWER SUPPLY

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

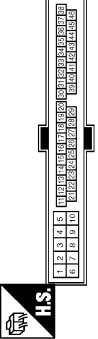


44	Y	-	-
45	BR	-	-
46	SB	-	-
47	SB	-	-
48	LG	-	-
49	LG	-	- [With BOSE system]
49	SB	-	- [Without BOSE system]
50	SB	-	- [With BOSE system]
50	LG	-	- [Without BOSE system]
51	R	-	-
52	V	-	-
53	P	-	-
54	BR	-	-
55	Y	-	- [With A/T]
55	BG	-	- [With M/T]
56	L	-	-
57	V	-	-
58	R	-	-
60	LG	-	-
61	BG	-	-
62	B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

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



Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK33MF-NS10



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

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

Connector No.	M110
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH30FW-TB6



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

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

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

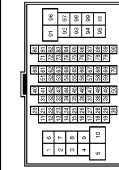
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH30MW-CS (E-TM4)



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

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

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



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

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



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

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

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



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

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



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

76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	Y	ROOM ANT 1-
79	BR	ROOM ANT 1+
80	GR	MATS ANTENNA AMP-
81	W	MATS ANTENNA AMP+
82	R	IGN RELAY (F/B) CONT
83	Y	KEYLESS ENTRY RECEIVER COMM
88	BG	COMBI SW INPUT 5
89	BR	COMBI SW INPUT 3
89	BR	PUSH SW
90	P	GAN-L
91	L	GAN-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	BG	ACC RELAY CONT
96	GR	A/T SHIFT SELECTOR POWER SUPPLY
97	L	S/L CONDITION 1
98	SB	S/L CONDITION 2
99	R	ASCD CLUTCH SW (R/H, M/T)
99	R	SHIFT P (R/H, A/T)
100	Y	PASSENGER DOOR REQUEST SW
101	P	DRIVER DOOR REQUEST SW
102	BG	BLOWER FAN MOTOR RELAY CONT
103	LG	KEYLESS ENTRY RECEIVER POWER SUPPLY
106	W	S/L UNIT POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	W	COMBI SW INPUT 2
110	G	HAZARD SW
111	Y	S/L UNIT COMM

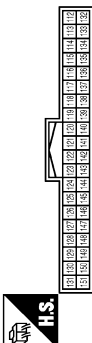
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

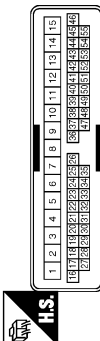
IGNITION POWER SUPPLY

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



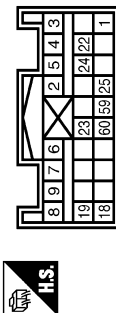
Terminal No.	Color of Wire	Signal Name [Specification]
112	BR	RAIN SENSOR SERIAL LINK
113	G	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
116	SB	STOP LAMP SW 1
118	BR	STOP LAMP SW 2
119	GR	DR DOOR UNLOCK SENSOR
121	SB	KEY SLOT SW
123	W	IGN P/B
124	BG	PASSENGER DOOR SW
129	BG	TRUNK LID OPENER CANCEL SW
132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

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



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

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



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

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

POWER SUPPLY ROUTING CIRCUIT

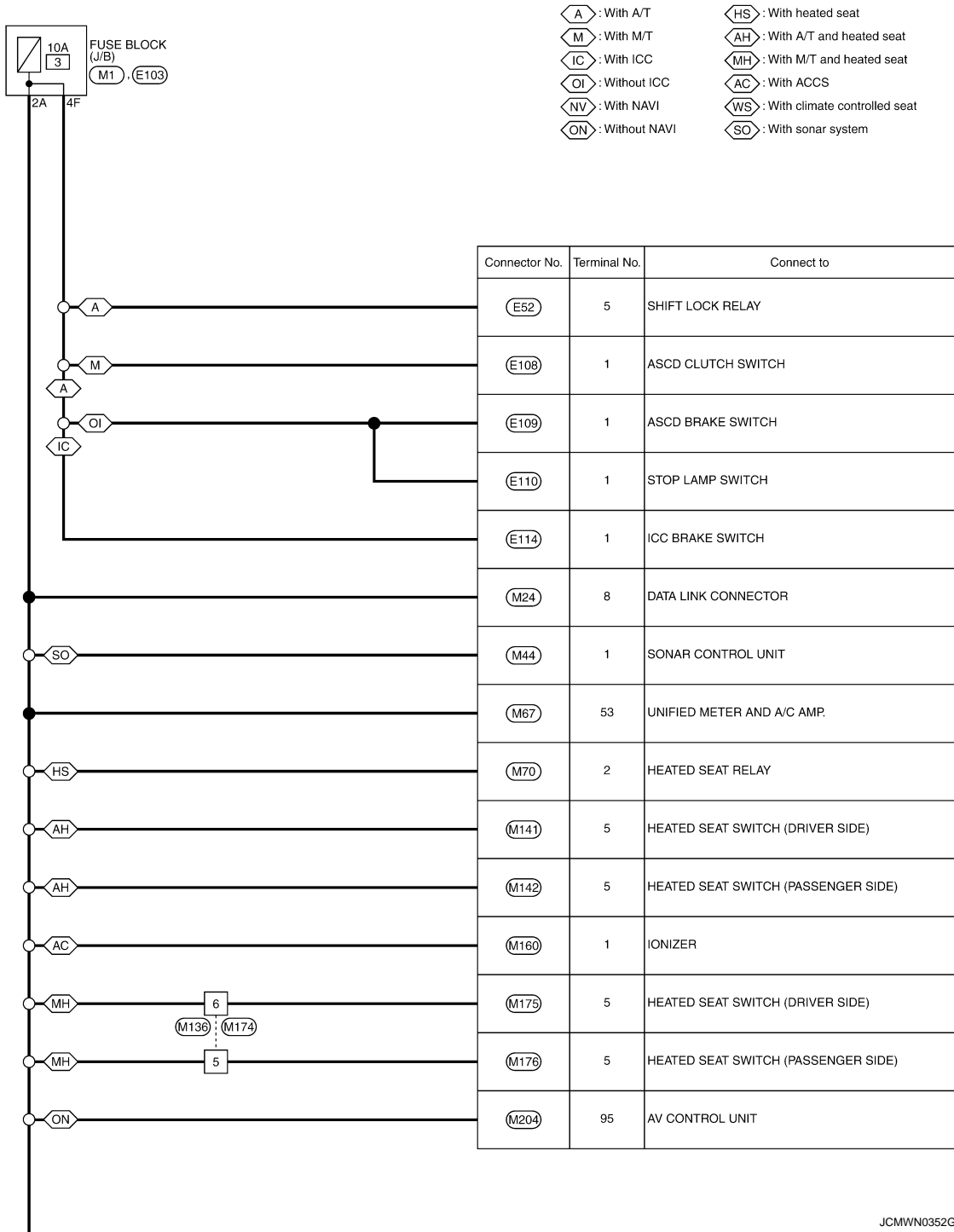
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000006473018

IGNITION POWER SUPPLY FUSE No. 3

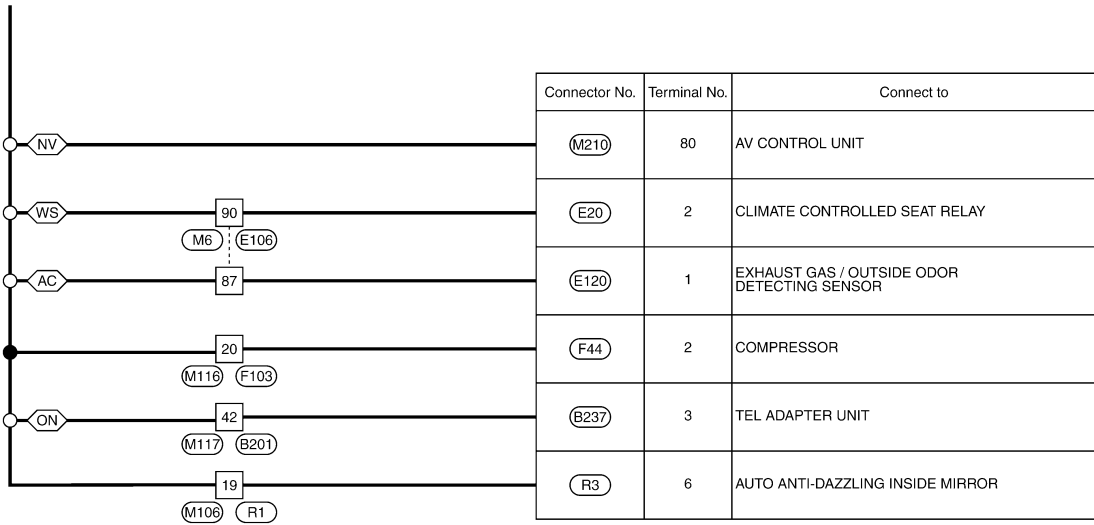


JCMWN0352GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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

PG

2010/10/12

JCMWN0353GB

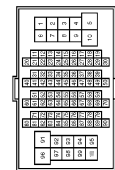
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E201
Connector Name	WIRE TO WIRE
Connector Type	TH807V-CS16-TM4



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

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

Connector No.	E237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH42FW-NH



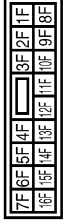
Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BATTERY
2	LG	ACC
3	BG	IGNITION
4	B	GND
5	SHIELD	-
7	R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	Y	TEL VOICE SIGNAL (+)
10	G	TEL VOICE SIGNAL (-)
14	B	GND
16	P	ROOF STATUS SIGNAL (AUDIO)
21	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
27	B	CONTROL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

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



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

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



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

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



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

JCMWN0354GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

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



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

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

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	[With A/T]
2	R	[With M/T]

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



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

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



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

Connector No.	E120
Connector Name	EXHAUST GAS / OUTSIDE OOR DETECTING SENSOR
Connector Type	RN03FB



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

JCMWN0355GB

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

PG

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RM2EFGY



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

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



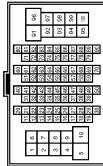
Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
8	Y	-
10	GR	-
19	O	-
20	Y	-
28	B	-
29	LG	-
30	R	-
31	R	-
41	O	-
42	BR	-
43	P	-
44	L	-
45	Y	-
46	V	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS30FW-M2



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

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



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

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



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

Terminal No.	Color of Wire	Signal Name [Specification]
16	W	-
17	BR	-
18	V	-
19	EG	-
20	L	-
30	R	-
31	L	-
32	Y	-
33	GR	-
34	P	-
35	BR	-
36	BR	-
37	Y	-
38	LG	-
39	SB	-
40	G	-
41	W	-
42	LG	-
43	P	-
44	GR	- [With A/T]
44	R	- [With M/T]
45	EG	-
46	G	-
47	P	-
48	P	-
49	L	-
59	B	-
66	Y	-
67	G	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	EG	-
86	G	-
87	V	-
88	B	-
89	SB	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

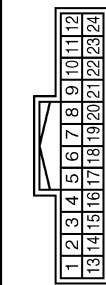
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

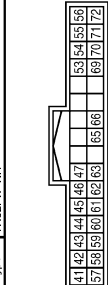
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M44
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24FV-NH



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

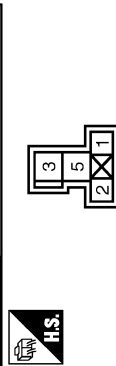
Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH24FV-NH



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

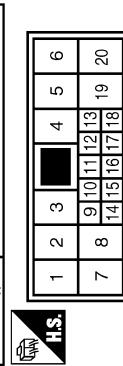
Terminal No.	Color of Wire	Signal Name [Specification]
54	EG	BATTERY POWER SUPPLY
55	B	GROUND
56	L	CAN-H
57	LG	BRAKE FLUID LEVEL SWITCH SIGNAL
58	Y	FUEL LEVEL SENSOR SIGNAL GROUND
59	GR	INTAKE SENSOR GROUND
60	L	IN-VEHICLE SENSOR GROUND
61	R	AMBIENT SENSOR GROUND
62	SB	SUNLOAD SENSOR GROUND
63	L	ION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

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS2PL-M2-LC



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

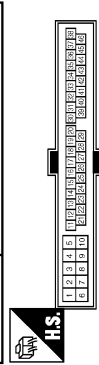
Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	NH10MMH-GS10



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

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

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MMH-NS10



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

JCMWN0357GB

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

PG

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH20MW-CS16-TM4



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

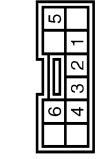
90	W	
91	GR	
92	P	
93	W	
94	BG	
95	BG	
96	P	
97	L	
98	Y/B	
99	Y	

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



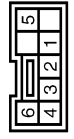
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	BR	
3	R	
4	GR	
5	W	
6	W	
7	R	
8	GR	
9	SB	
10	R	
11	L	
12	GR	
16	B	
21	GR	
22	W	
23	GR	
24	W	

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



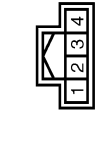
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	
2	GR	
3	R	
4	W	
5	W	
6	GR	

Connector No.	M142
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK0FBR



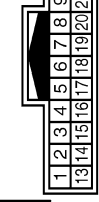
Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	
2	SB	
3	R	
4	W	
5	W	
6	GR	

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



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

Connector No.	M174
Connector Name	WIRE TO WIRE
Connector Type	TH2MMW-NH



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

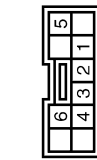
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

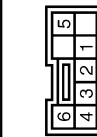
IGNITION POWER SUPPLY FUSE No. 3

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



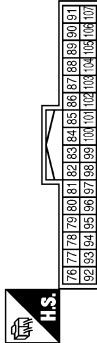
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	O	-
4	W	-
5	LG	-
6	B	-

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



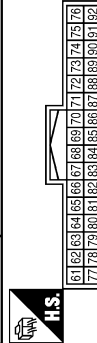
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	SB	-
3	R	-
4	Y	-
5	W	-
6	GR	-

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



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

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



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

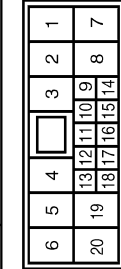
Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
75	LG	AV COMM (L)
76	LG	AV COMM (L)
78	L	ILLUMINATION
80	G	IGNITION
81	BG	REVERSE SIGNAL
82	GR	VEHICLE SPEED (8-PULSE)
83	SHIELD	SHIELD
87	R	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	L	COMM (DISP->CONT)
90	L	CAN-H
91	SB	AV COMM (H)
92	SB	AV COMM (H)

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



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

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



JCMWN0359GB

POWER SUPPLY ROUTING CIRCUIT

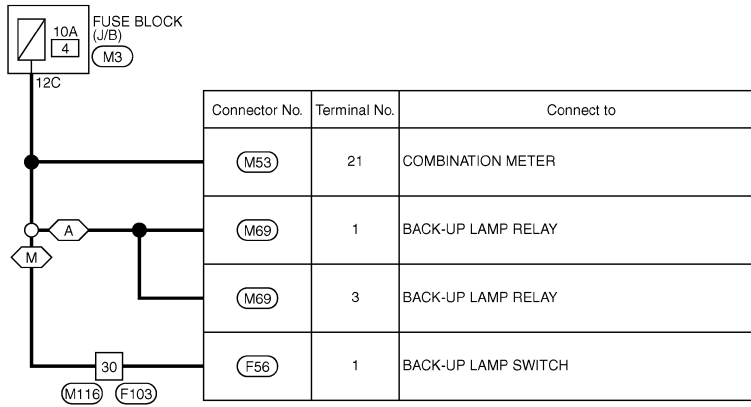
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000006473019

⬡ A : With A/T
⬡ M : With M/T



2009/02/27

JCMWA4338GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 4

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



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

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



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

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



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

Connector No.	M63
Connector Name	COMBINATION METER
Connector Type	SAB40FW



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

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

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

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



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

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



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

JCMWN0360GB

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

POWER SUPPLY ROUTING CIRCUIT

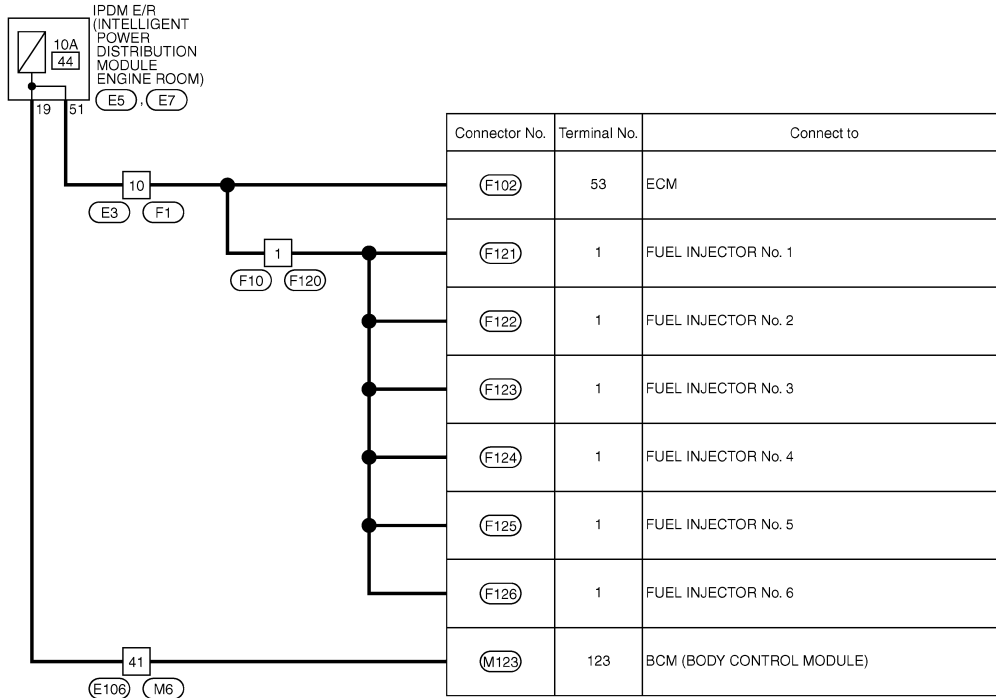
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000006473020

IGNITION POWER SUPPLY FUSE No. 44



2009/11/10

JCMWM6401GB

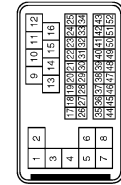
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

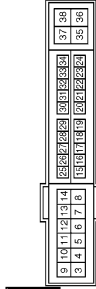
Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA33MB-F3P-SH2B



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

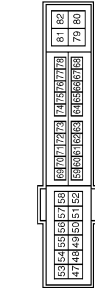
43	G	-
46	SHIELD	-
47	W	-
48	BR	-
49	G	-
50	B	-
51	SB	-
52	R	-

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



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

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



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

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 FUSE No. 44

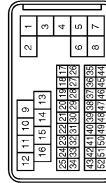
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM44



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

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

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-TS8-SHZ8



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

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

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

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



JCMWN0362GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

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

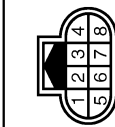
96	92	84	80	76	72	68	64	60	52
95	91	87	83	79	71	67	63	59	55
94	90	86	82	78	66	62	58	54	50
93	89	85	81	77	73	69	65	61	57
93	89	85	81	77	73	69	65	61	57
93	89	85	81	77	73	69	65	61	57



Terminal No.	Color of Wire	Signal Name [Specification]
49	GR	THROTTLE CONTROL MOTOR (CLOSE) (B2)
50	V	THROTTLE CONTROL MOTOR (OPEN) (B2)
52	R	THROTTLE CONTROL MOTOR POWER SUPPLY (B2)
53	W	IGNITION SW
54	Y	CAN COMMUNICATION LINE (LEVEL CONTROL MODULE)
55	LG	CAN COMMUNICATION LINE (LEVEL CONTROL MODULE)
57	L	A/F SEN 1 (B1)
59	O	PHASE SEN (B1)
60	G	SENSOR POWER SUPPLY
61	R	A/F SEN 1 (B1)
63	L	PHASE SEN (B2)
64	SB	SENSOR POWER SUPPLY
65	LG	A/F SEN 1 (B2)
66	V	A/F SEN 1 (B2)
67	P	IAT SEN
68	LG	SENSOR GROUND
69	W	KNOCK SEN (B2)
71	Y	ECT SEN
72	SHIELD	SENSOR GROUND
73	W	KNOCK SEN (B1)
76	W	HEATED OXYGEN SEN 2 (B1)
77	SB	MAF SEN (B1)
78	G	ECT SEN
79	BR	MAF SEN (B2)
80	O	HEATED OXYGEN SEN 2 (B2)
81	R	FUEL INJECTOR No. 3
82	V	FUEL INJECTOR No. 6
84	B	SENSOR GROUND
85	BR	FUEL INJECTOR No. 2
86	W	FUEL INJECTOR No. 5
87	Y	PSP SEN
89	GR	FUEL INJECTOR No. 1
90	O	FUEL INJECTOR No. 4
91	SB	BATTERY CURRENT SEN
92	G	SENSOR GROUND
93	P	POWER SUPPLY FOR ECM
94	Y	SENSOR GROUND
95	G	SENSOR GROUND

96	P	SENSOR GROUND
----	---	---------------

Connector No.	F120
Connector Name	WIRE TO WIRE
Connector Type	RH40MB



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

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



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

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



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

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



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

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



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

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



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

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



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

JCMWN0363GB

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 FUSE No. 44

Connector No.	M16
Wire to Fuse	WIRE TO WIRE
Connector Name	TH80MW-CS (F-TM4)
Connector Type	



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

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

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

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



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

POWER SUPPLY ROUTING CIRCUIT

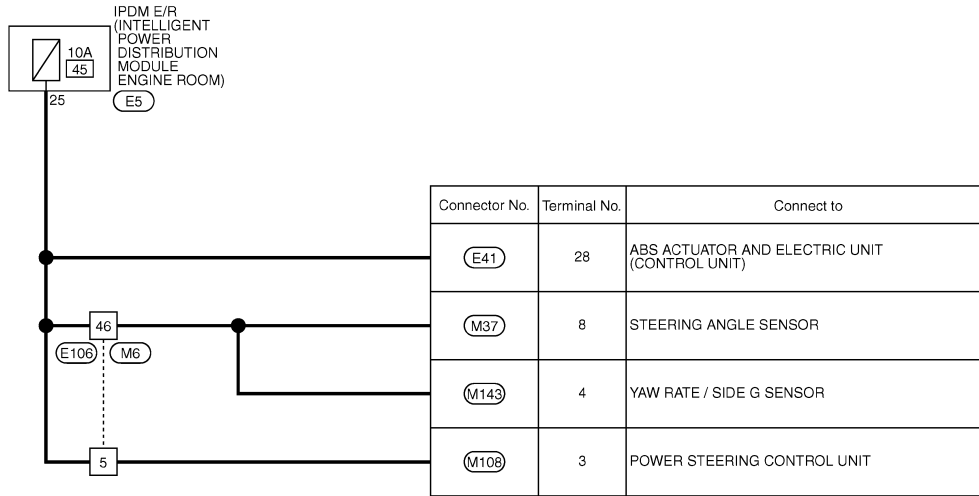
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000006473021

IGNITION POWER SUPPLY FUSE No. 45



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

2009/11/10

JCMWM6406GB

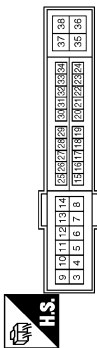
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

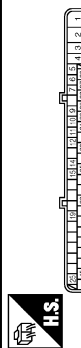
IGNITION POWER SUPPLY FUSE No. 45

Connector No.	E5
Connector Name	IGNITION FUSE DISTRIBUTION MODULE
Connector Type	TH8DFW-CS12-M4-TV



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

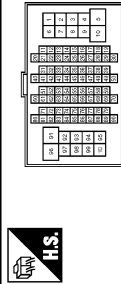
Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BAKAPPE-AHZ4-LH



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

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

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



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

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

JCMWN0365GB

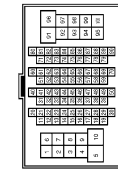
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 45

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



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

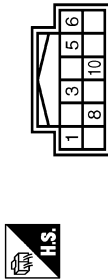
48	P	-
49	L	-
59	B	-
66	Y	-
67	G	-
68	R	-
69	W	-
70	G	-
80	SB	-
81	R	-
82	V	-
83	W	-
84	L	-
85	BG	-
86	G	-
87	V	-
88	B	-
89	SR	-
90	G	-
91	W	-
92	B	-
93	G	-
94	L	-
95	BR	-
97	P	-
98	SHIELD	-
99	V	-
100	SB	-

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH40BFW-NH



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

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



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

Connector No.	M143
Connector Name	YAW RATE / SIDE G SENSOR
Connector Type	AAZ04FB-S



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

JCMWN0366GB

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

POWER SUPPLY ROUTING CIRCUIT

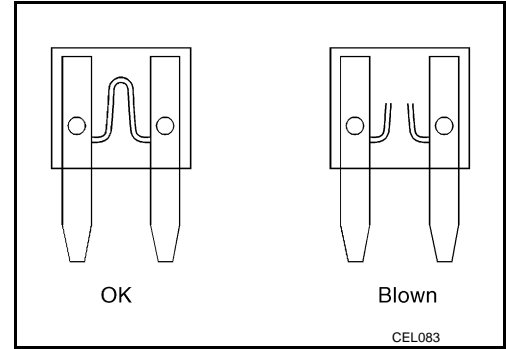
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Fuse

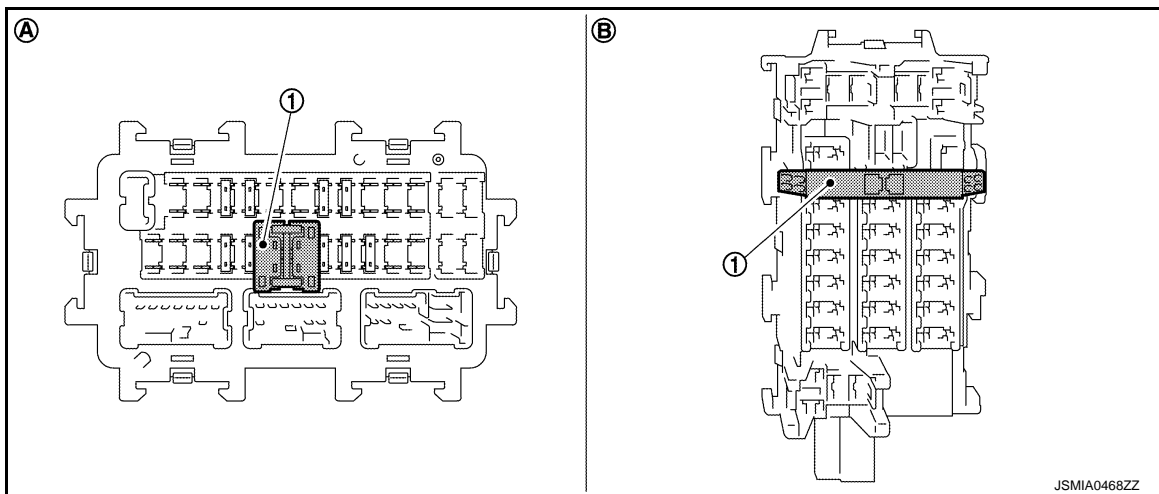
INFOID:000000006949184

- 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 SWITCH (IF EQUIPPED)

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



1. Extended storage switch

A. Type A

B. Type B

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

How To Extended Storage Switch ON/OFF

CAUTION:

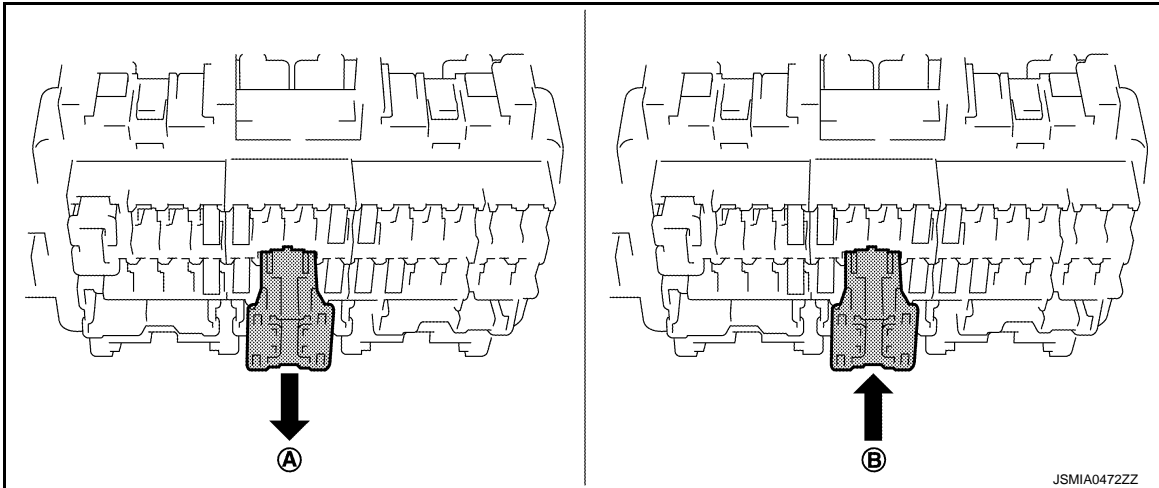
- Turn the ignition switch OFF when operating the extended storage switch.
- Under normal conditions, keep the extended storage switch in ON state. Never operate the extended storage switch except when necessary.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

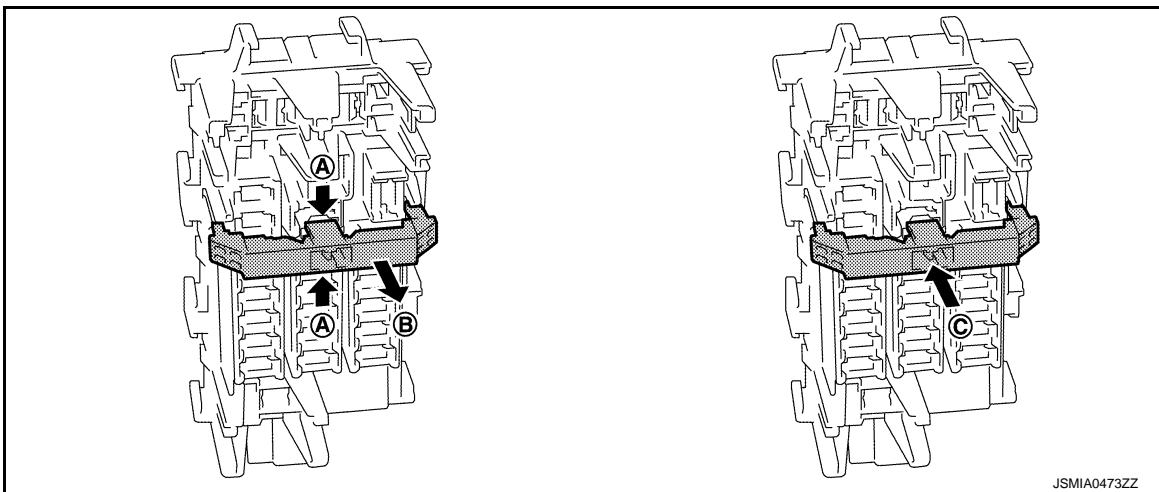
[POWER SUPPLY & GROUND CIRCUIT]

- Type A



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

- Type B

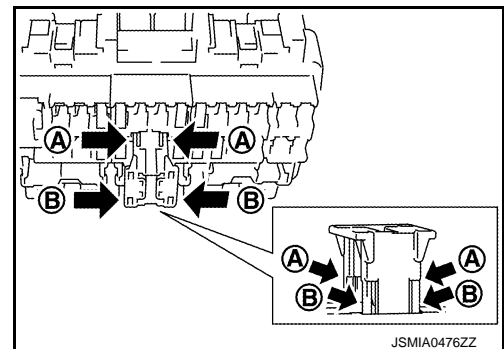


- To turn the extended storage switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
- To turn the extended storage switch ON, press it in (C) direction as shown in the figure.

How To Remove Extended Storage Switch

Type A

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



NOTE:

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

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

PG

POWER SUPPLY ROUTING CIRCUIT

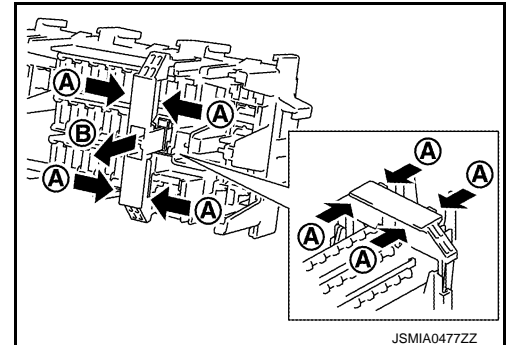
[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- Extended storage 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 switch OFF.
3. Hold (A) and pull up the extended storage switch hard in (B) direction.



NOTE:

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

Fusible Link

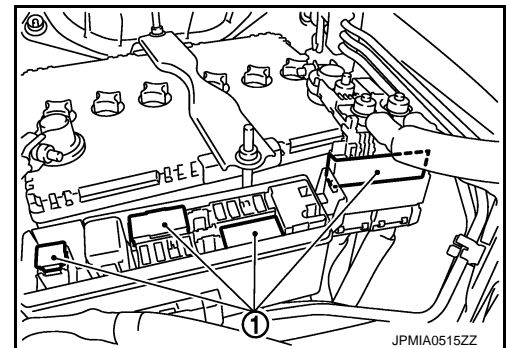
INFOID:000000006473023

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:

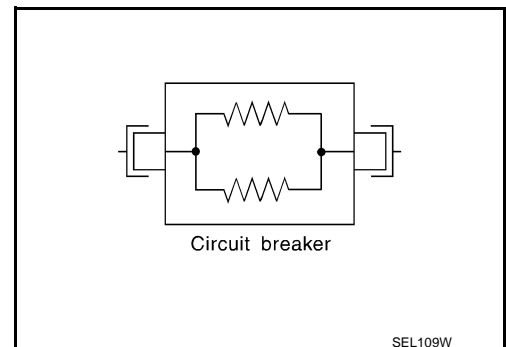
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:000000006473024

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



HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

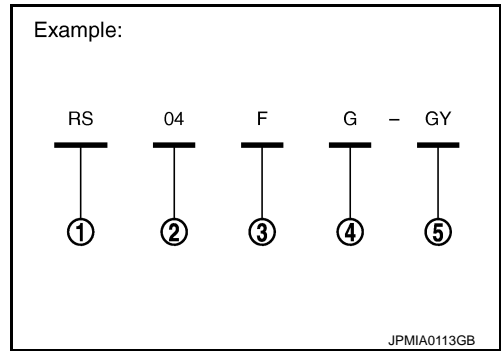
[POWER SUPPLY & GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000006473025

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



CONNECTOR SYMBOL

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

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
Connector symbol				
Ground terminal etc.	—			

JPMIA0114GB

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

PG

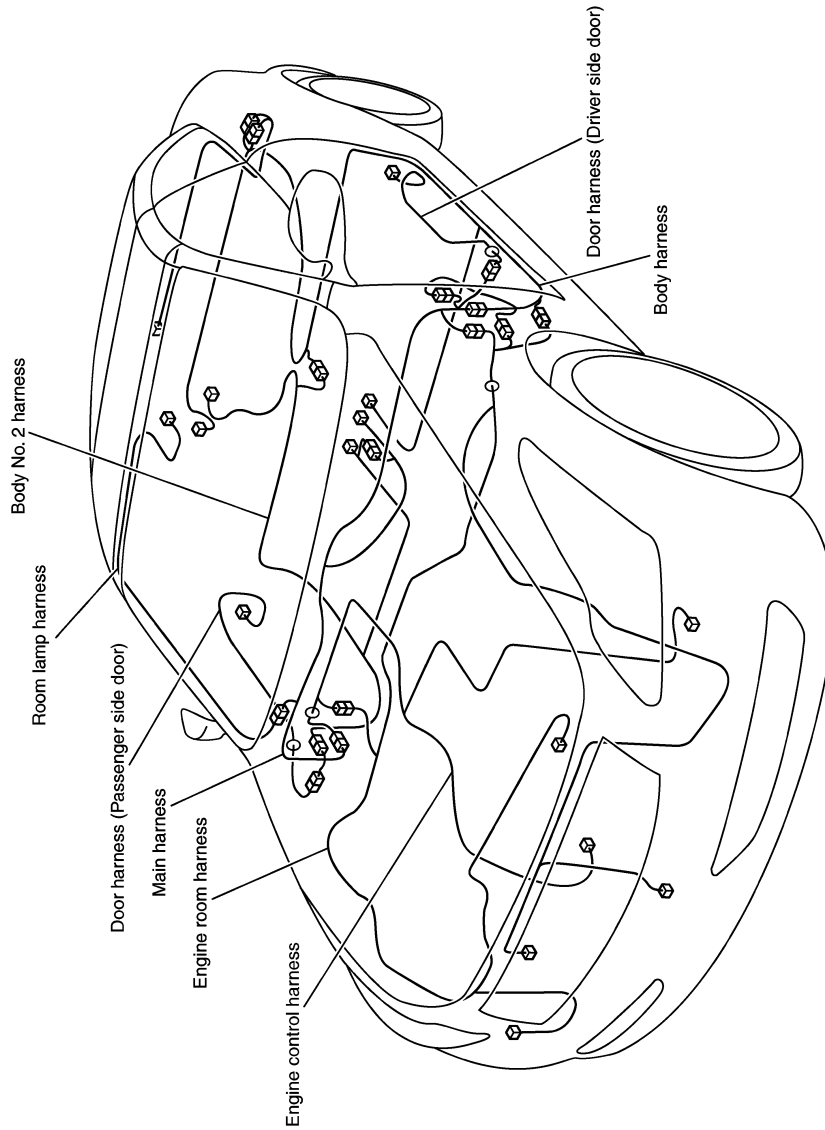
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Outline

INFOID:000000006473026



OUTLINE

2009/02/27

JCMIM0712GB

HARNES LAYOUT

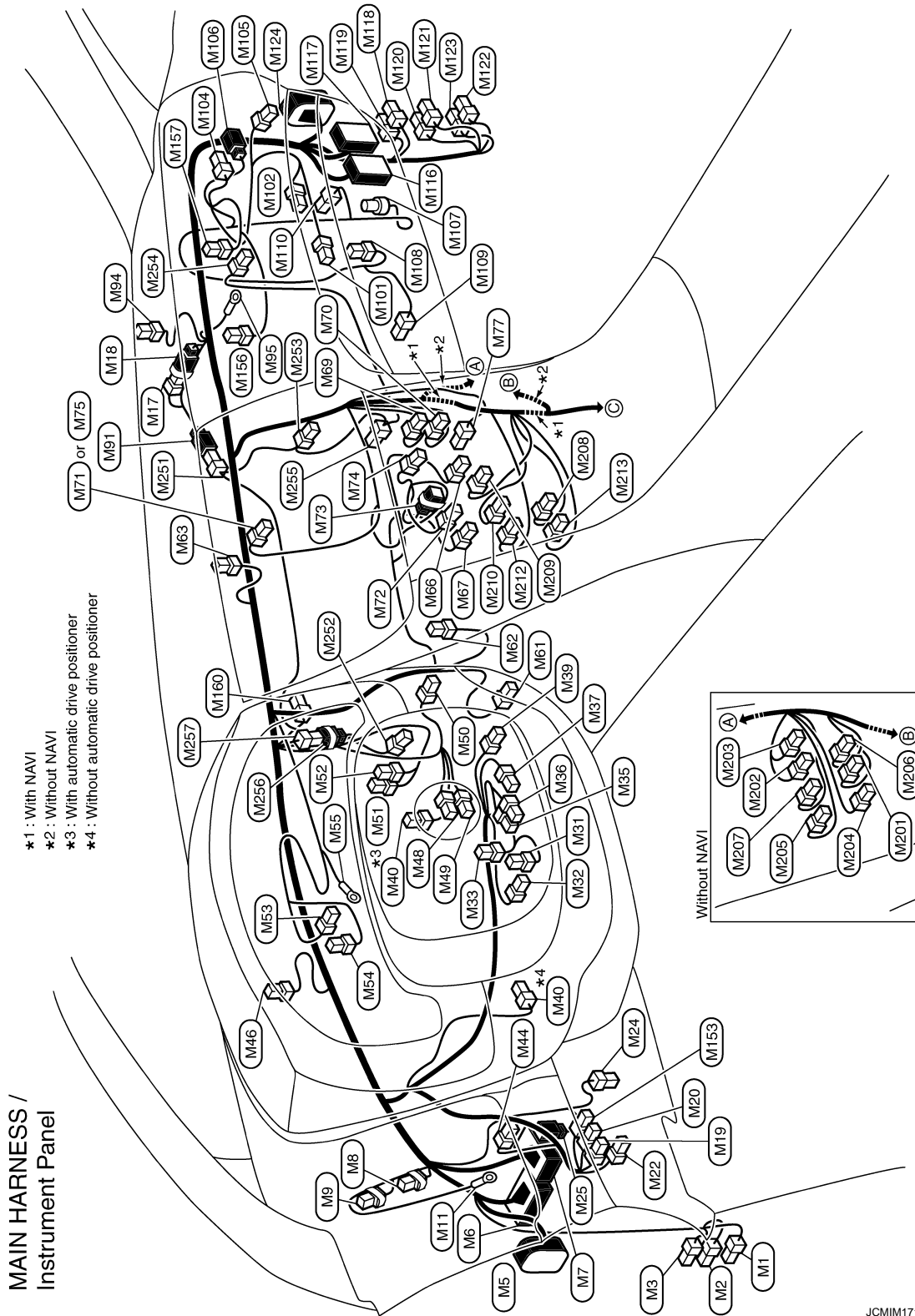
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000006473027

INSTRUMENT PANEL



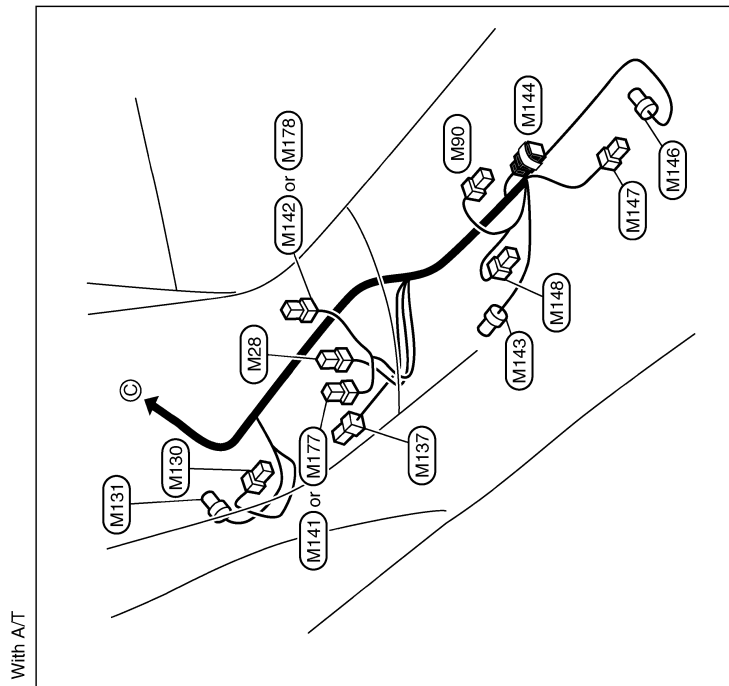
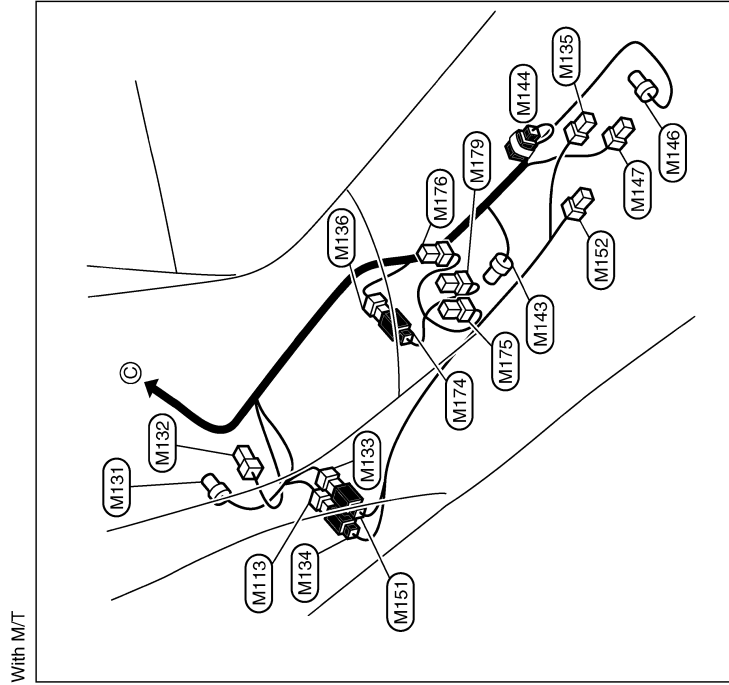
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FLOOR CONSOLE



Floor Console

JCMIM1124GB

2009/11/10

HARNES LAYOUT

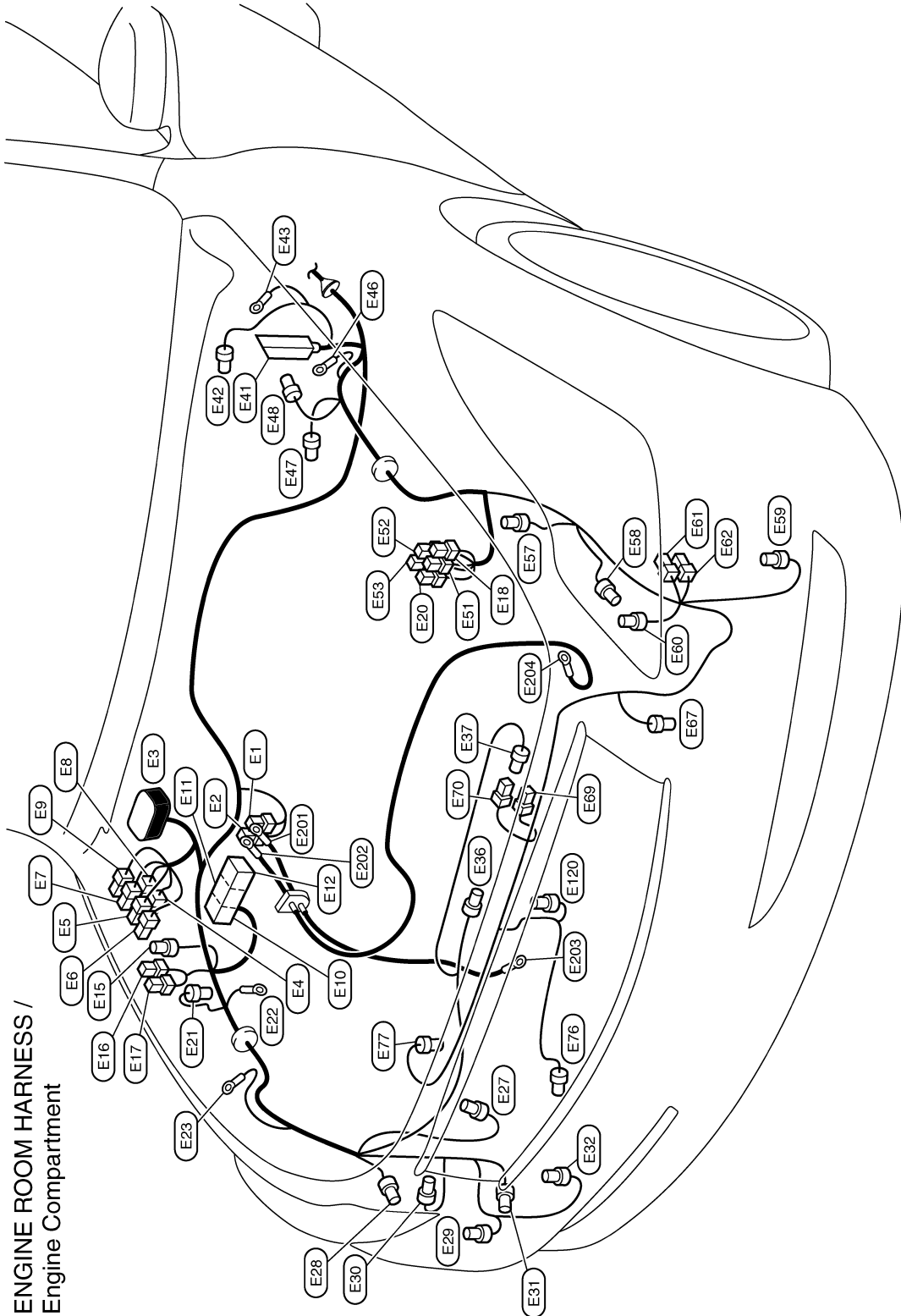
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000006473028

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

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

2010/10/12

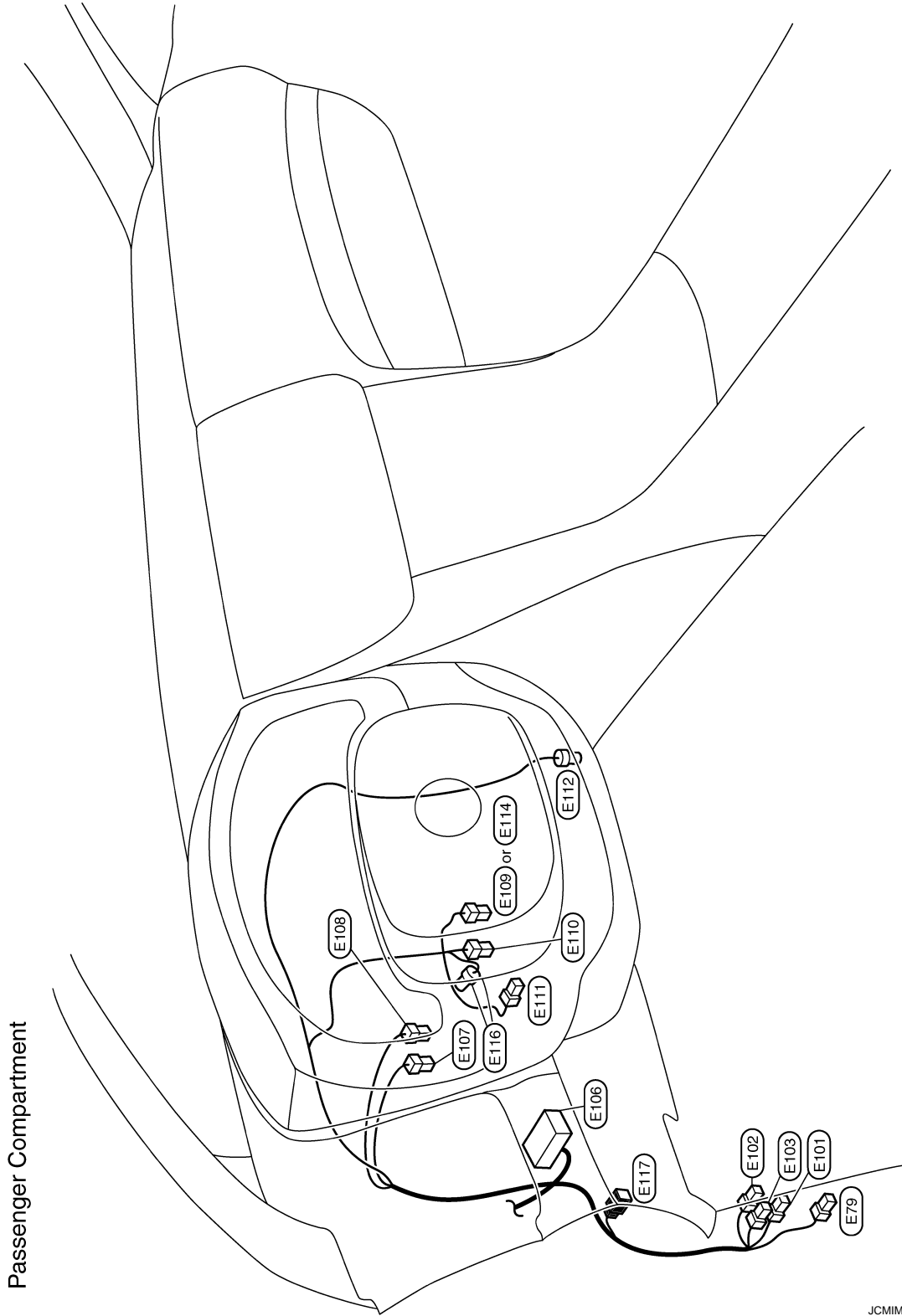
JCMIM1720GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



HARNES LAYOUT

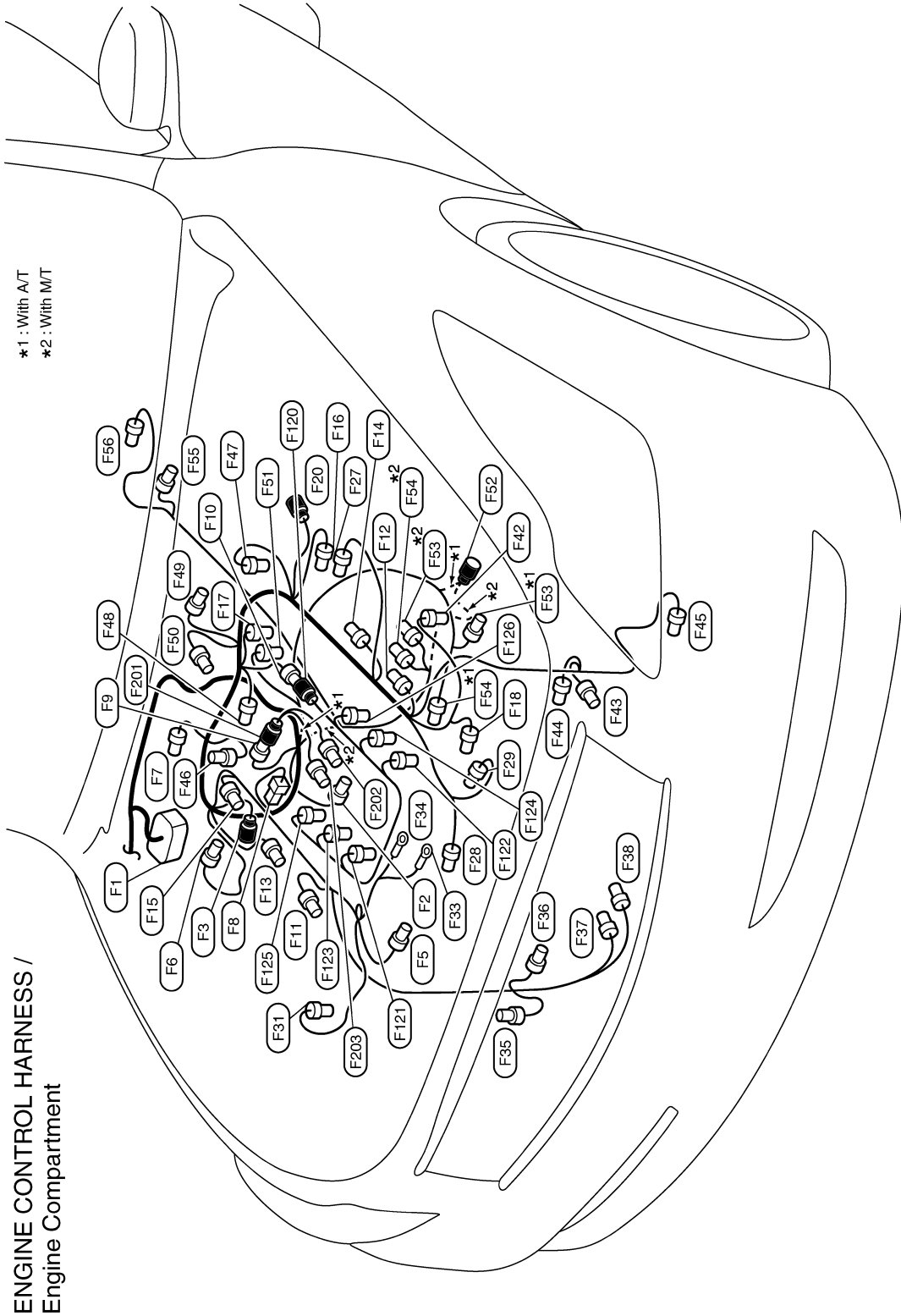
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness

INFOID:000000006473029

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS /
Engine Compartment

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

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

PG

2010/10/12

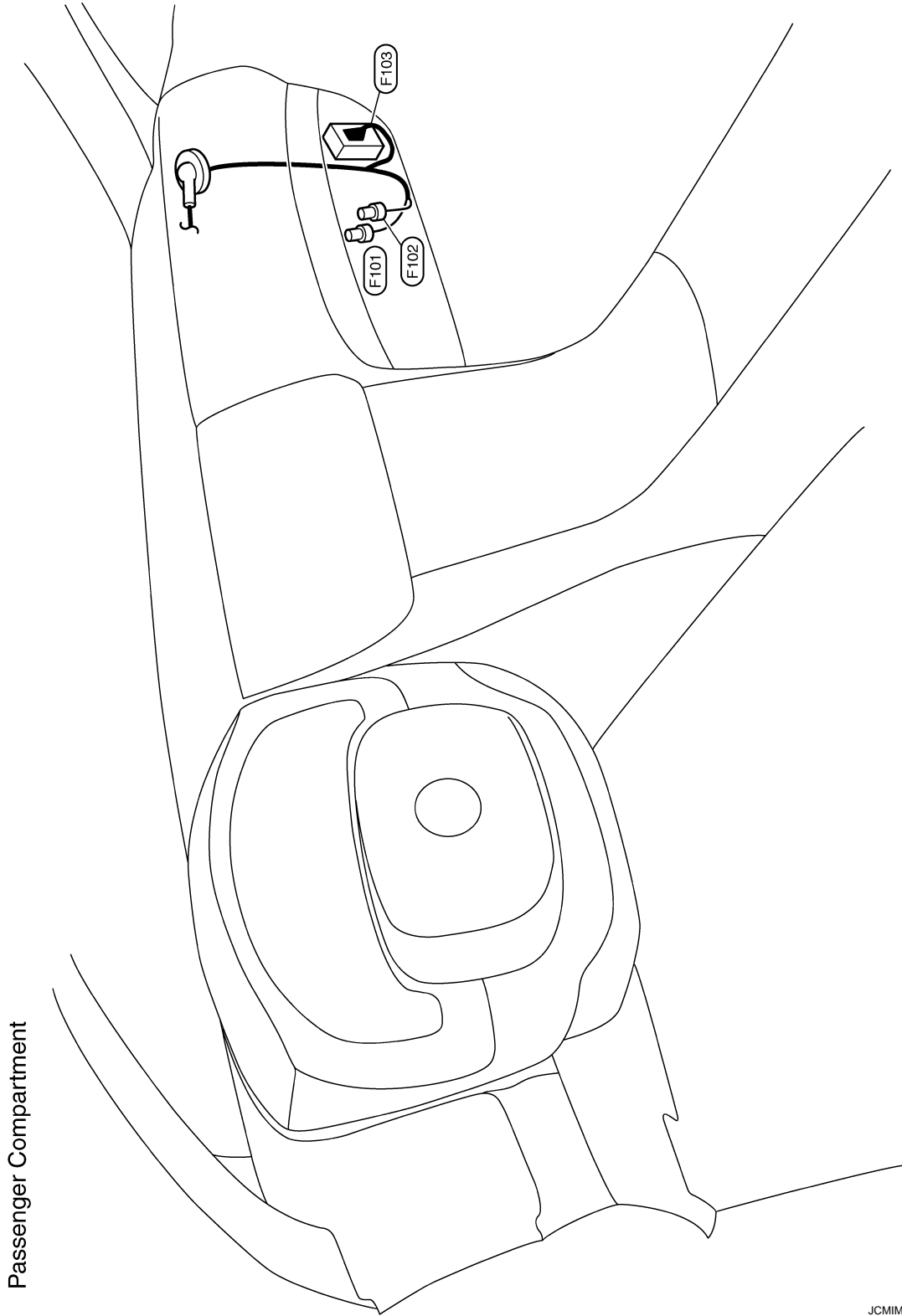
JCMIM1722GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



Passenger Compartment

2009/02/27

JCMIM0717GB

HARNESS LAYOUT

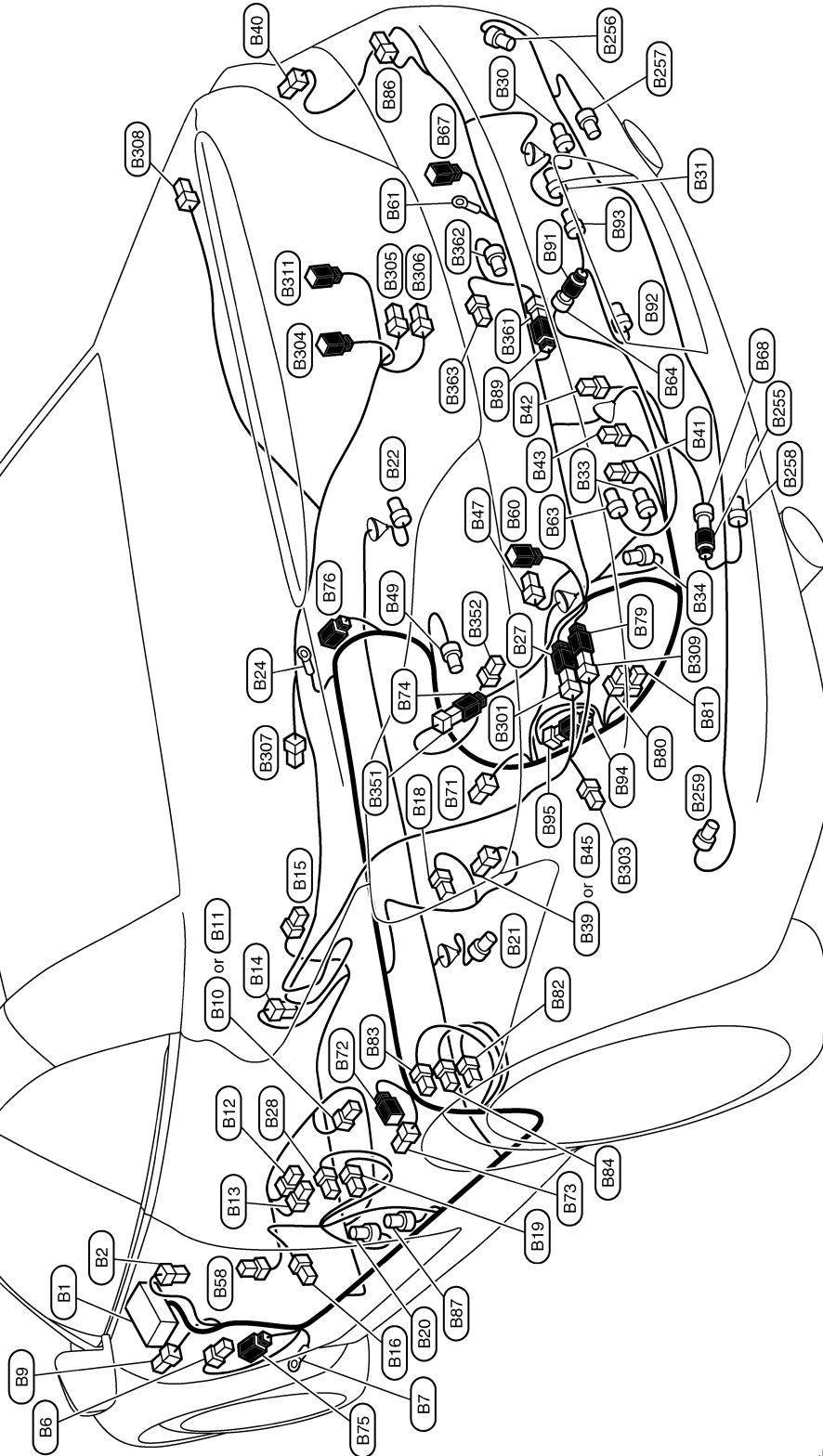
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body Harness

INFOID:000000006473030

BODY HARNESS



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

2010/10/12

JCMIM1723GB

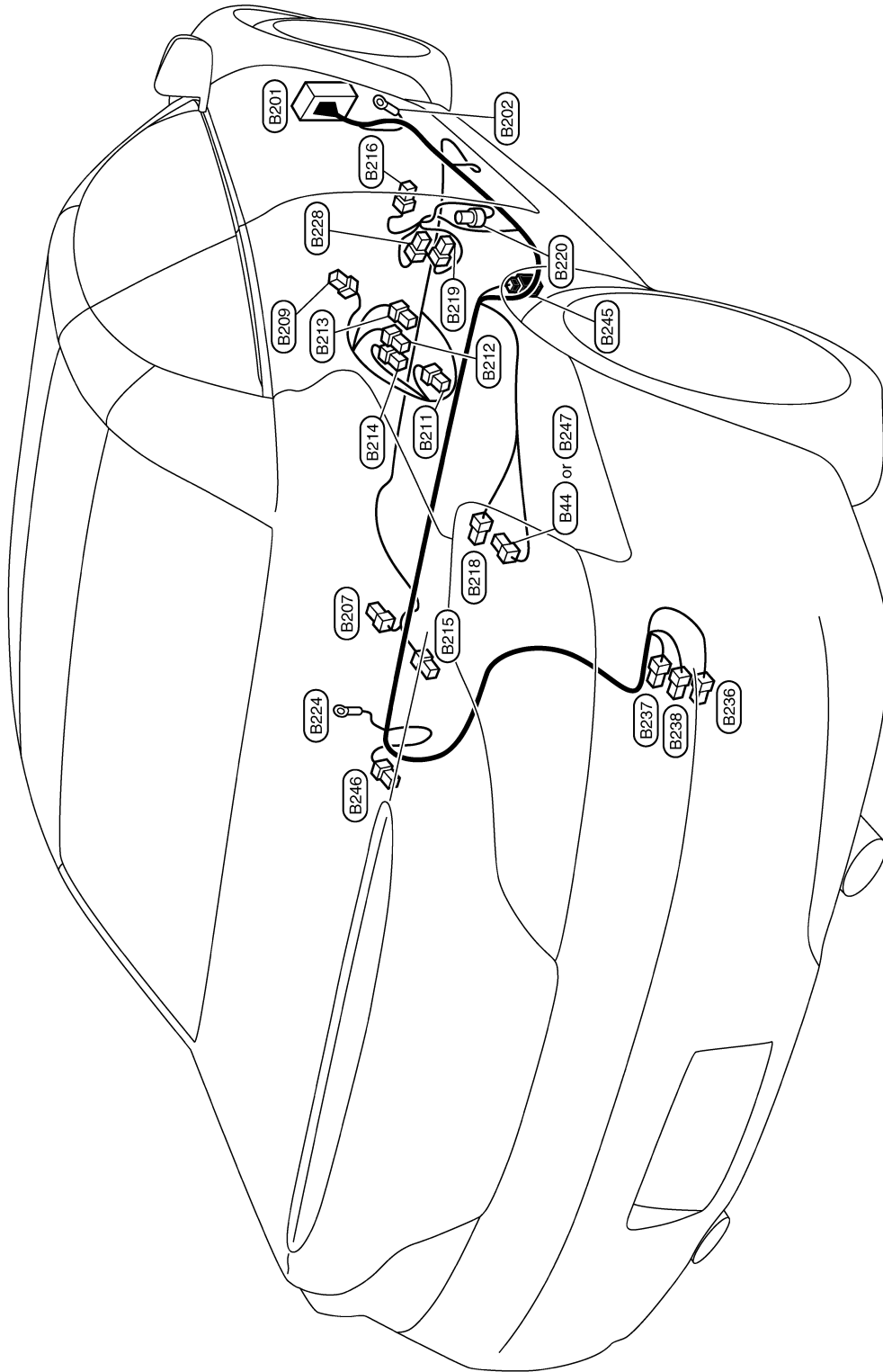
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000006473031



BODY No. 2 HARNESS

2009/11/10

JCMIM1127GB

HARNES LAYOUT

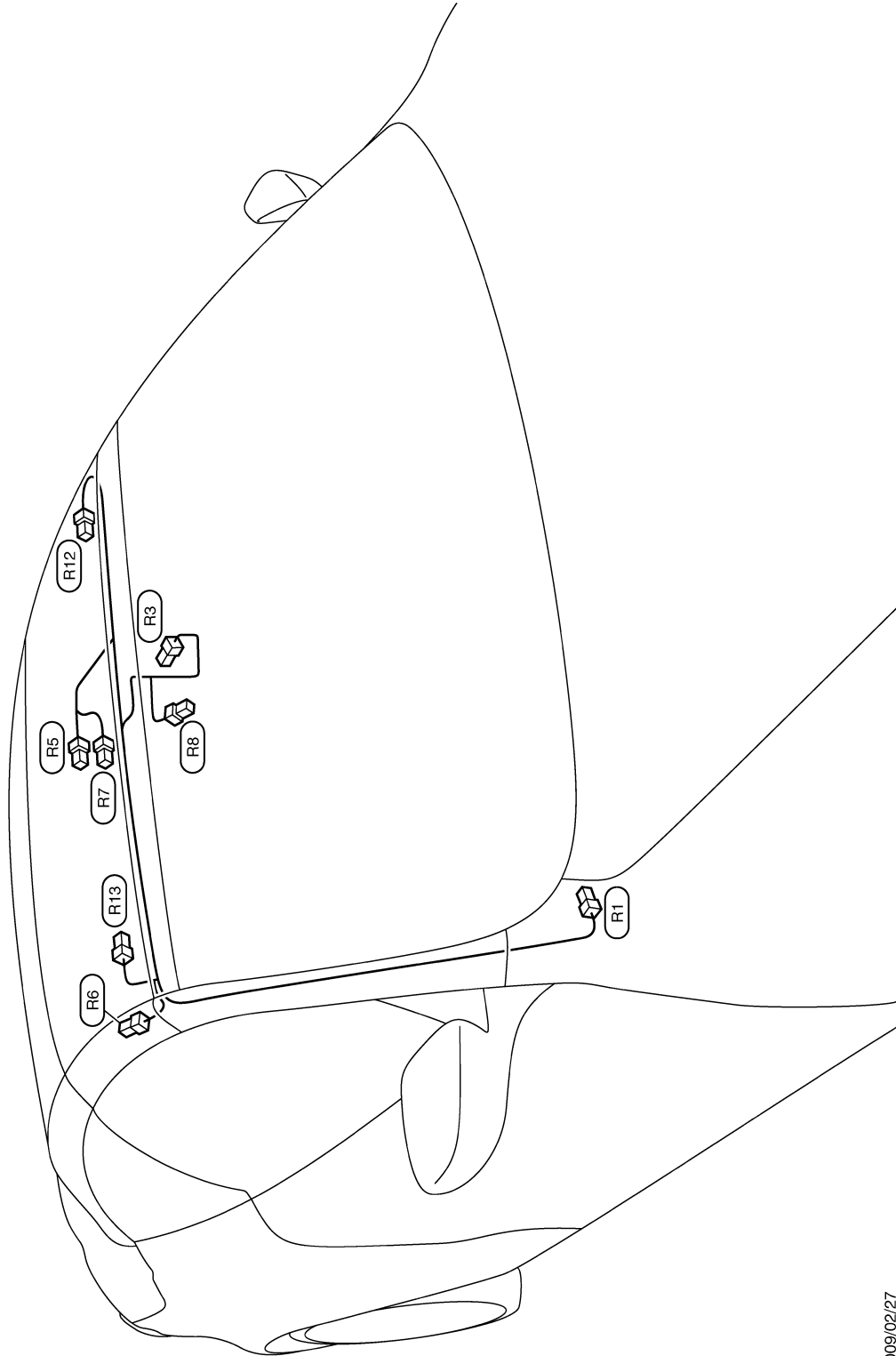
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000006473032

ROOM LAMP HARNESS



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

2009/02/27

JCMIM0720GB

HARNESS LAYOUT

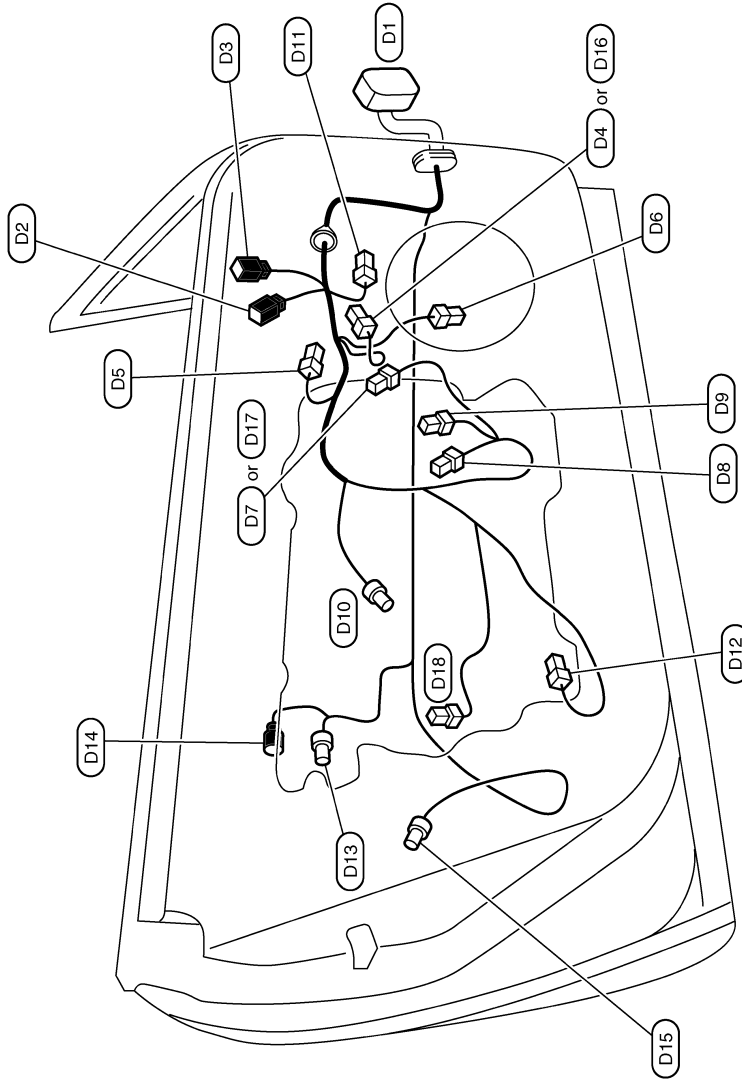
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Door Harness (Driver Side Door)

INFOID:000000006473033

DOOR HARNESS (DRIVER SIDE DOOR)



2009/02/27

JCMIM0721GB

HARNESS LAYOUT

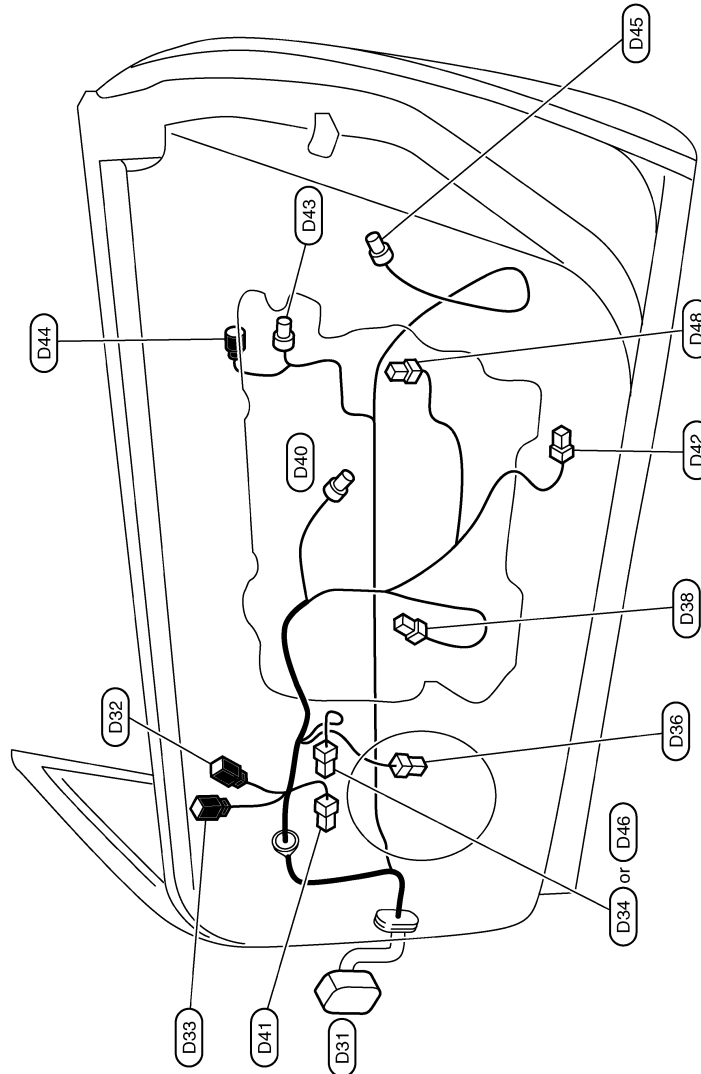
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Door Harness (Passenger Side Door)

INFOID:000000006473034

DOOR HARNESS (PASSENGER SIDE DOOR)



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

2009/02/27

JCMIM0722GB

HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

HARNESS CONNECTOR

Description

INFOID:00000006473035

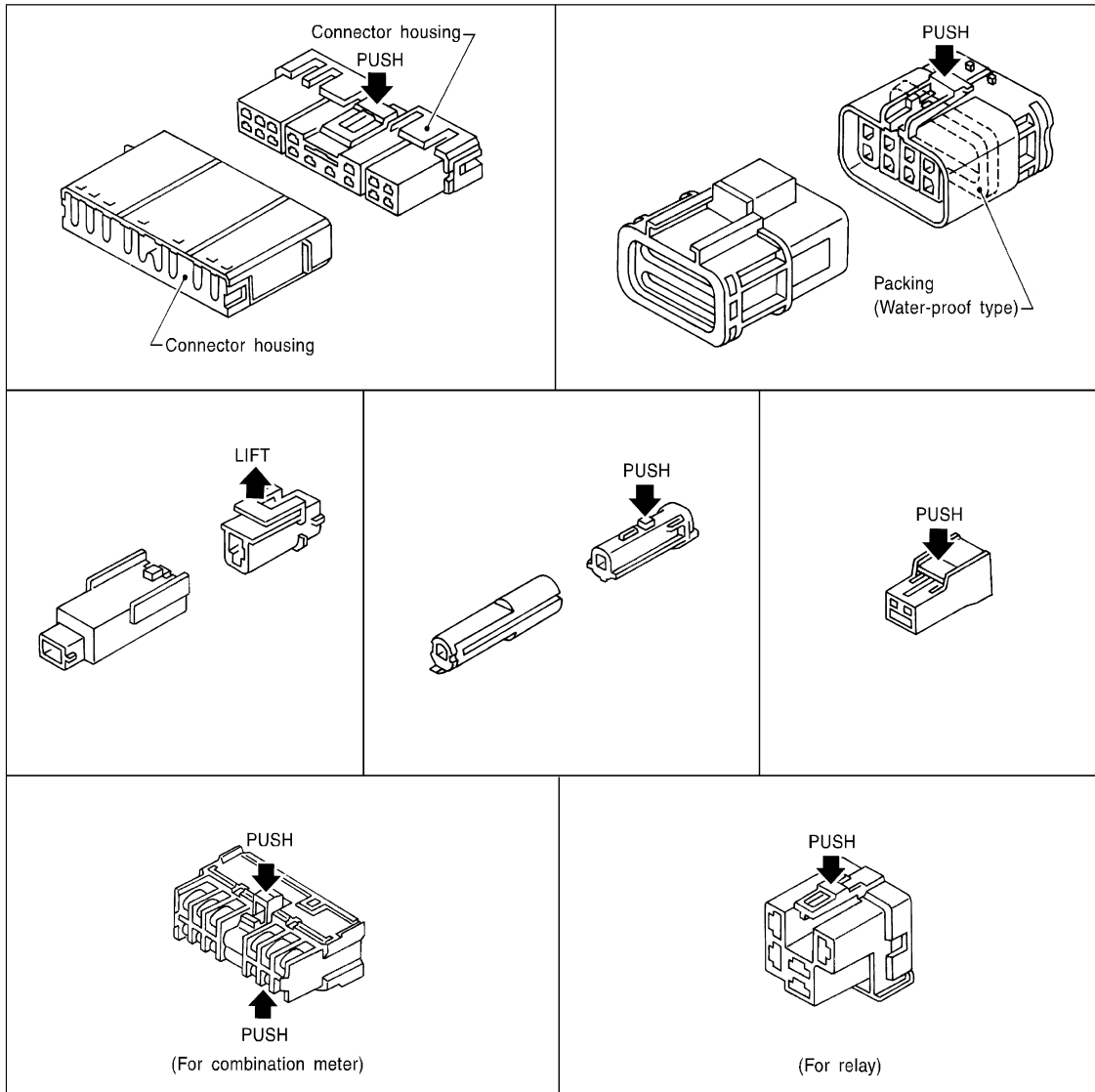
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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

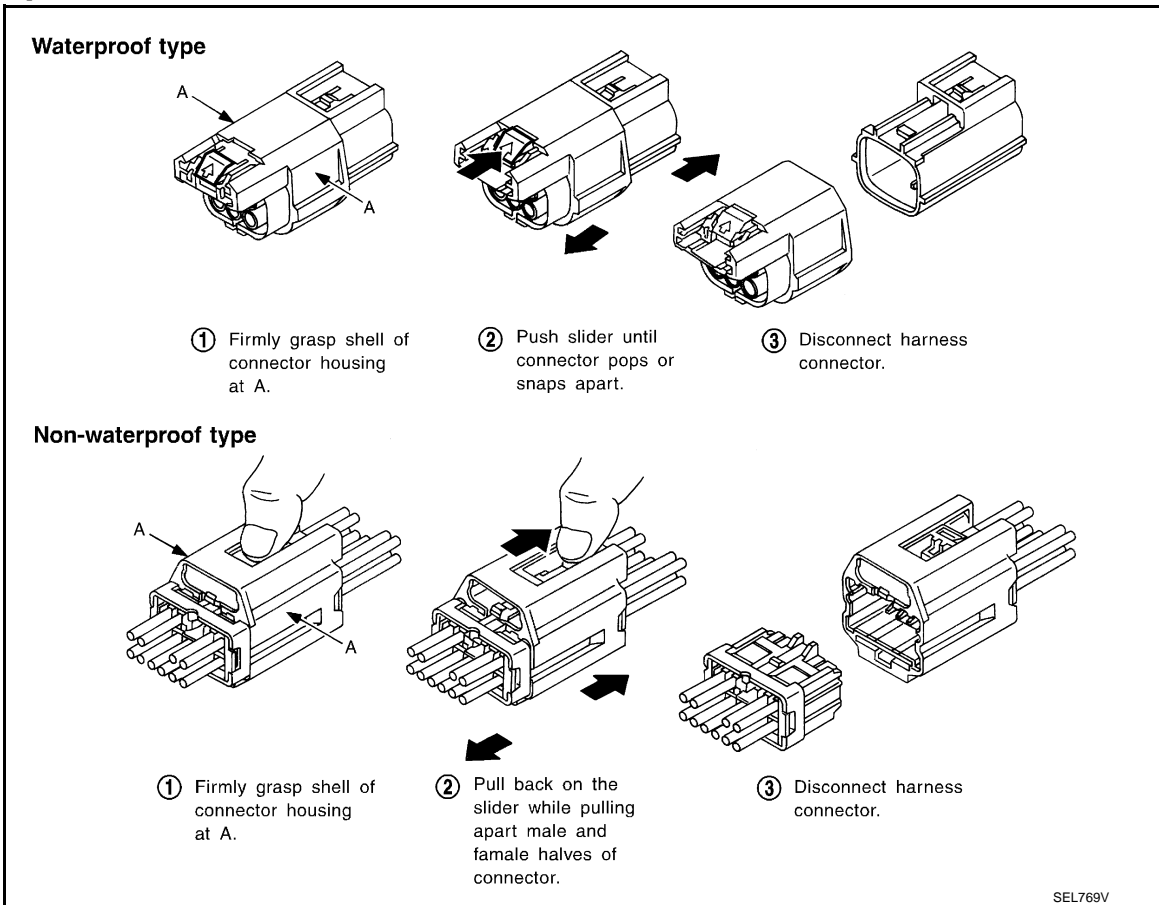
< DTC/CIRCUIT DIAGNOSIS >

[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:

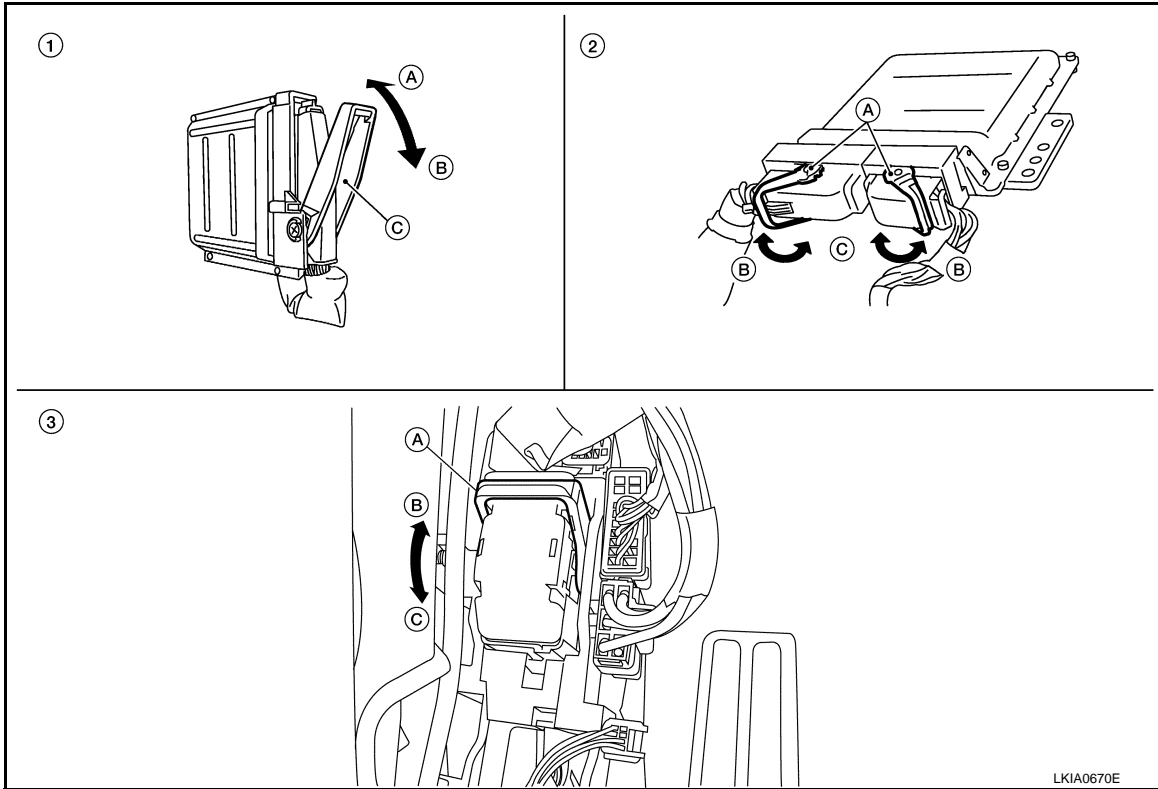
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

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

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

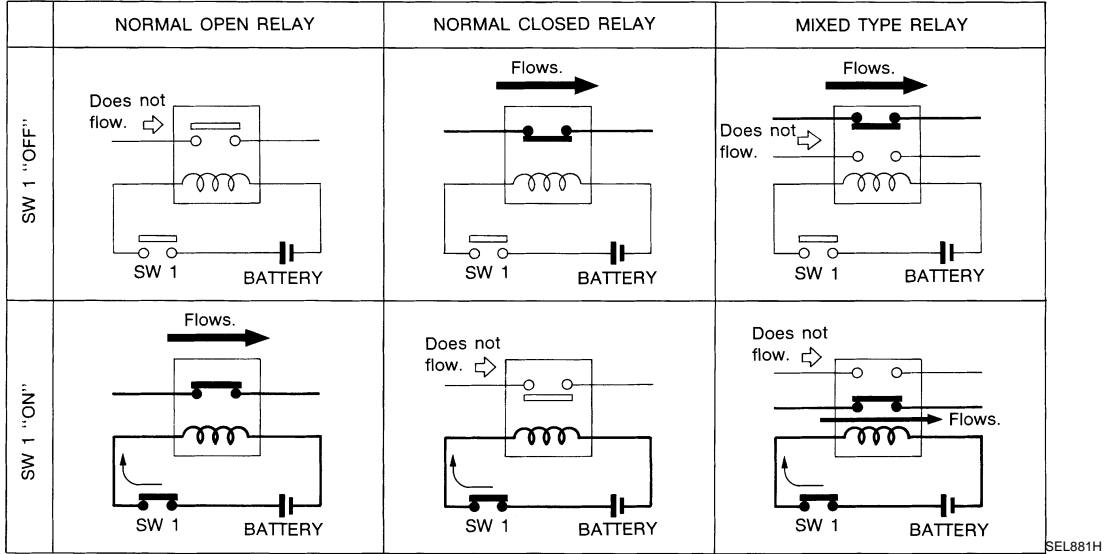
STANDARDIZED RELAY

Description

INFOID:000000006473036

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



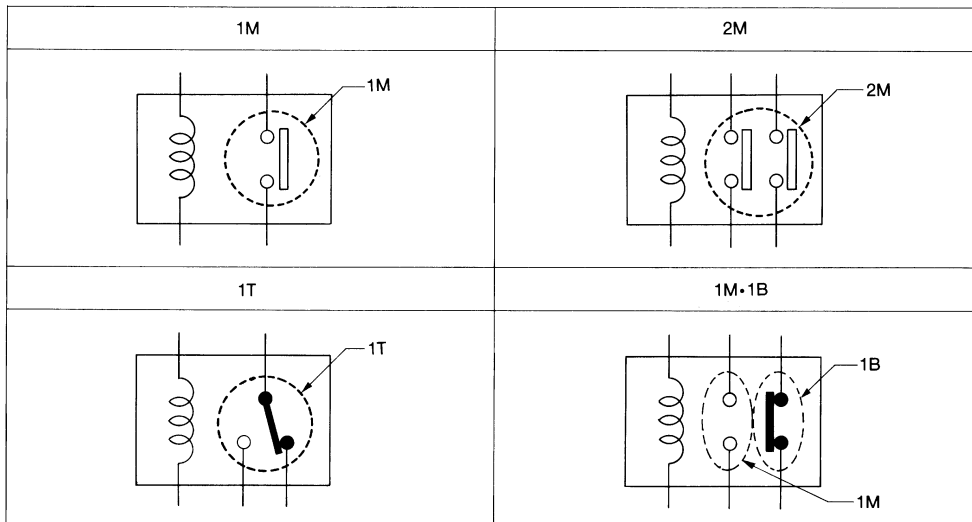
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

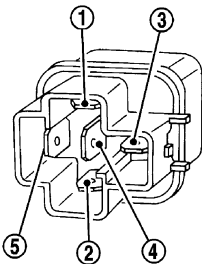
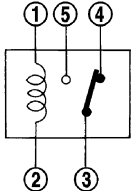
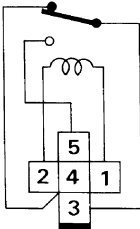
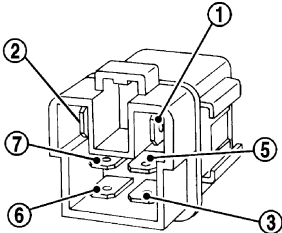
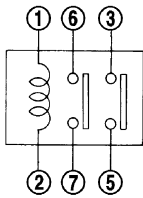
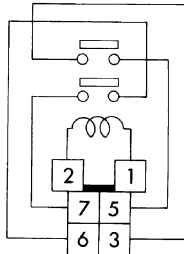
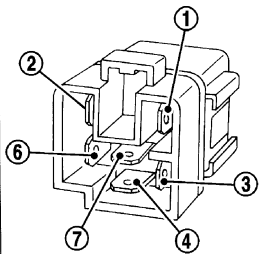
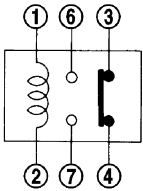
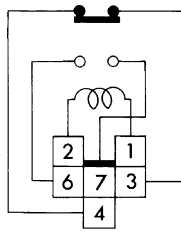
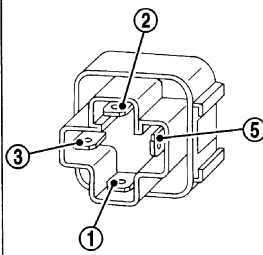
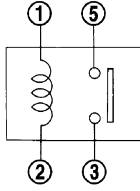
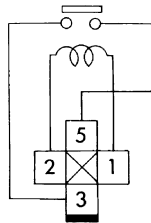
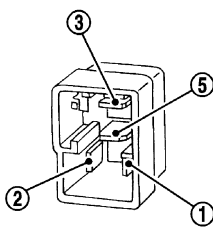
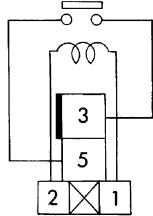


A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

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)

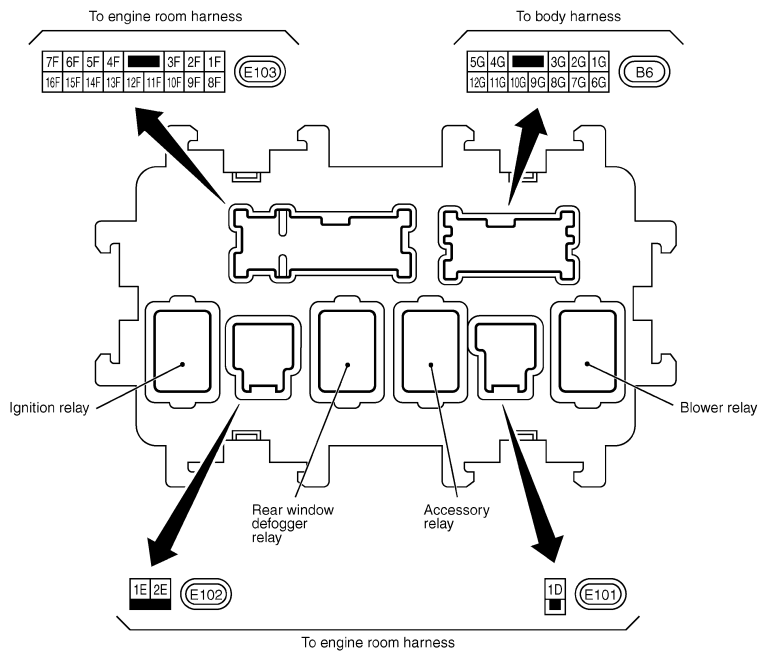
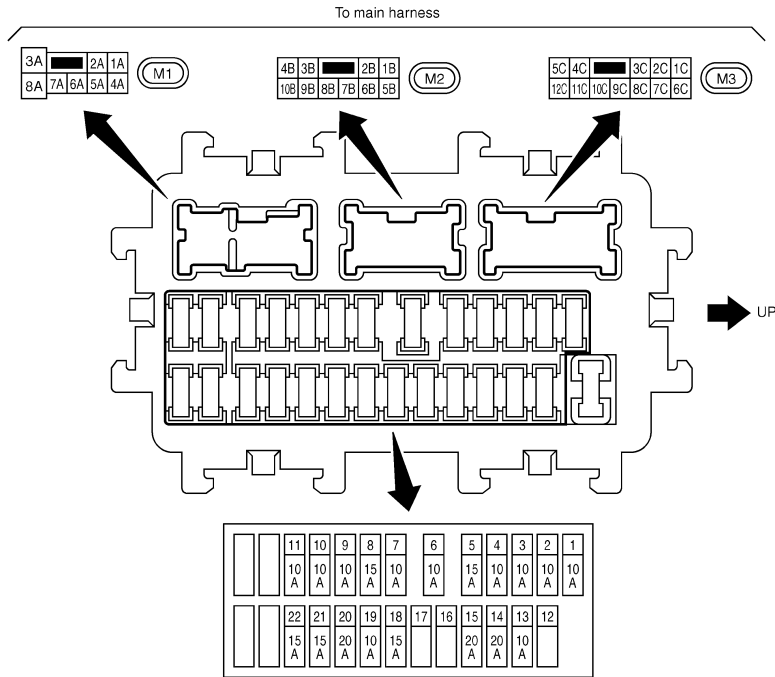
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000006473037



2009/11/10

JCMWM6409GB

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

PG

FUSE, FUSIBLE LINK AND RELAY BOX

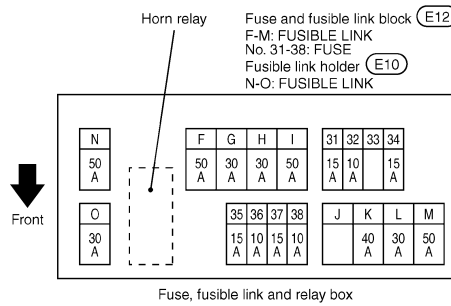
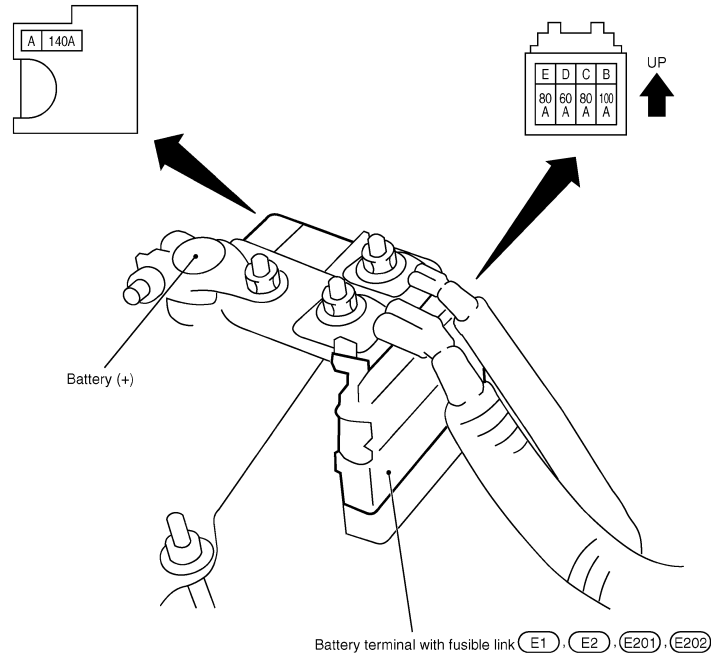
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000006473038



2009/11/10

JCMWM6410GB

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

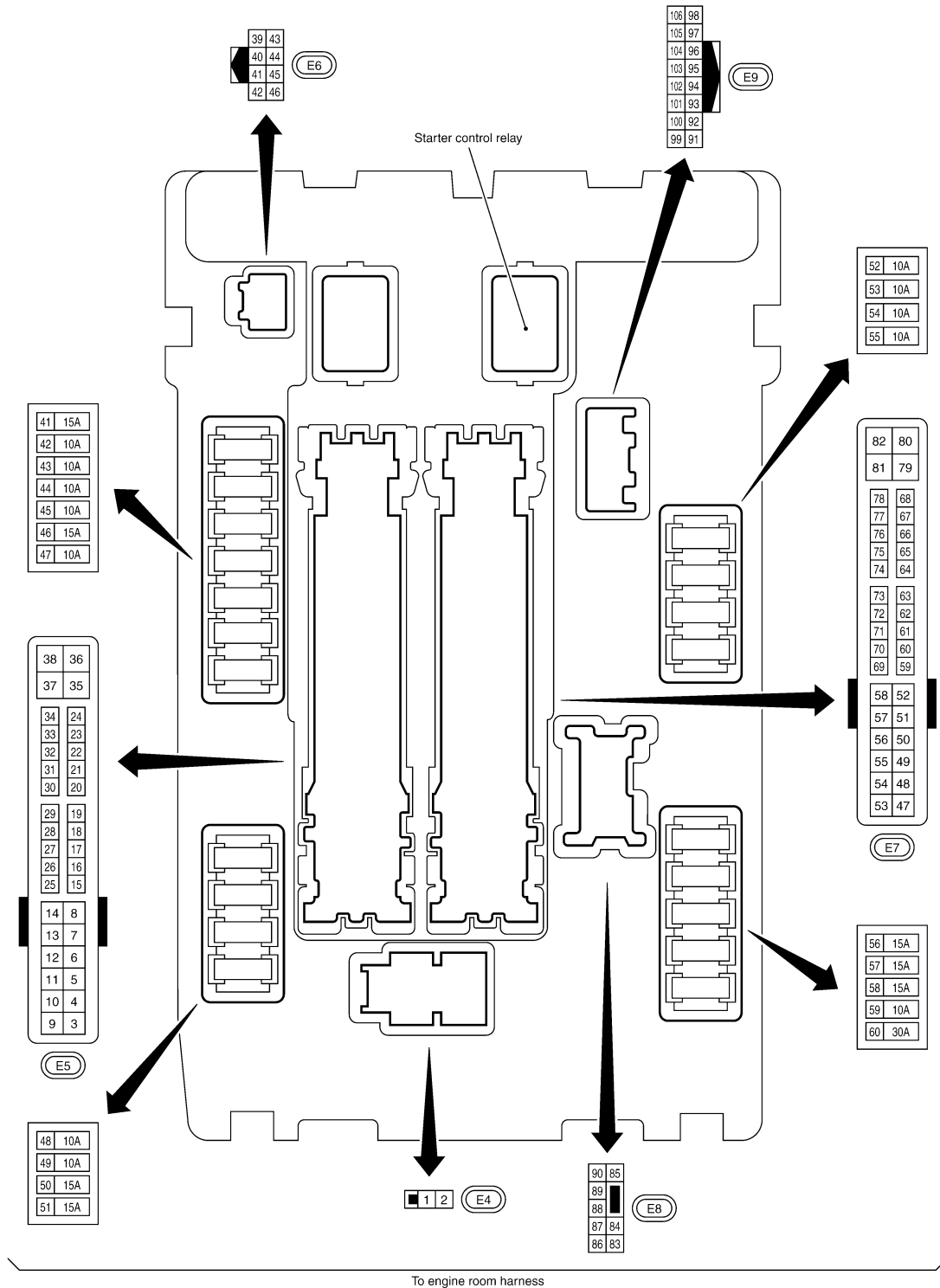
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000006473039



2010/10/12

JCMWN0367GB

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

PG

PRECAUTION

PRECAUTIONS

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

INFOID:000000006473040

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.

Precaution for Battery Service

INFOID:000000006473041

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

Service Procedure Precautions for Models with a Pop-up Roll Bar

INFOID:000000006473042

WARNING:

Always observe the following items for preventing accidental activation.

- Risk of passenger injury or death may increase if the pop-up roll bar does not deploy during a roll over collision. In order to reduce the chance of an incident where the pop-up roll bar is inoperative, all maintenance must be performed by a NISSAN or INFINITI dealer.
- Before removing and installing the pop-up roll bar component parts and harness, always turn the ignition switch OFF, disconnect the battery negative terminal, and wait for 3 minutes or more. (The purpose of this operation is to discharge electricity that is accumulated in the auxiliary power supply circuit in the air bag diagnosis sensor unit.)
- When repairing, removing, and installing a pop-up roll bar, always refer to SRS AIR BAG and SRS AIR BAG CONTROL warnings in the Service Manual.

PRECAUTIONS

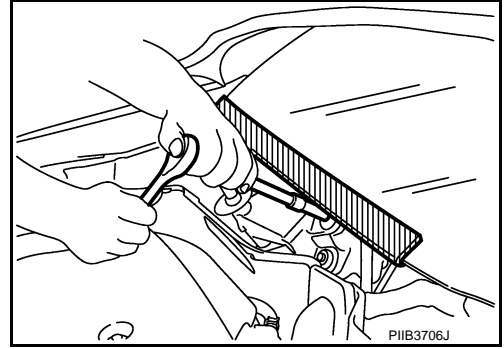
< PRECAUTION >

[POWER SUPPLY & GROUND CIRCUIT]

Precaution for Procedure without Cowl Top Cover

INFOID:000000006473043

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



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

PG

N
O
P

PREPARATION

[POWER SUPPLY & GROUND CIRCUIT]

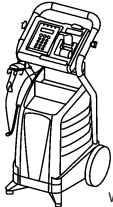
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000006473044

Tool number (Kent-Moore No.) Tool name	Description
<p>— (J-48087) Battery Service Center</p>  <p>WKIA5280E</p>	<p>Tests battery. For operating instructions, refer to Technical Service Bulletin and Battery Service Center User Guide.</p>

BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

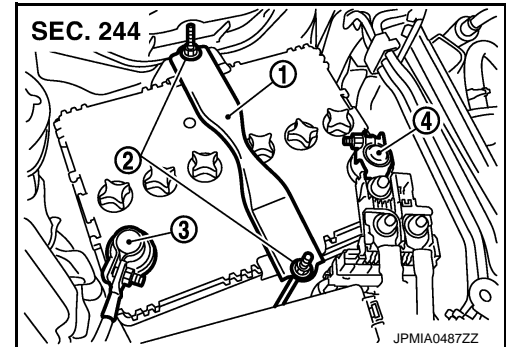
REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000006473045

- 1 : Battery fix frame
- 2 : Battery fix frame mounting nuts
- 3 : Battery terminal (-)
- 4 : Battery terminal (+)



Removal and Installation

INFOID:000000006473046

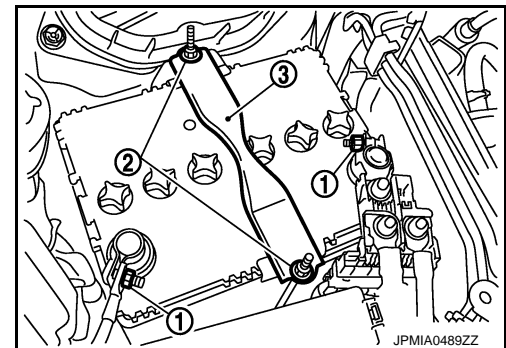
REMOVAL

1. Remove battery cover.
2. Remove cowl top cover (RH). Refer to [EXT-23, "Exploded View"](#).
3. Remove cover of battery positive terminal.
4. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

CAUTION:

When disconnecting, disconnect the battery cable from the negative terminal first.

5. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
6. Remove battery.



INSTALLATION

Install in the reverse order of removal.

CAUTION:

When connecting, connect the battery cable to the positive terminal first.

Battery fix frame mounting nut

: 3.9 N·m (0.40 kg·m, 35 in·lb)

Battery terminal nut

: 5.4 N·m (0.55 kg·m, 48 in·lb)

Reset electronic systems as necessary. Refer to [GI-58, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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

PG

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

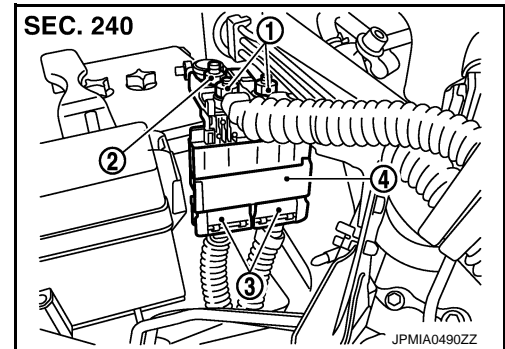
[POWER SUPPLY & GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000006473047

- 1 : Harness mounting nut
- 2 : Fusible link holder mounting nut
- 3 : Harness connector
- 4 : Battery terminal with fusible link

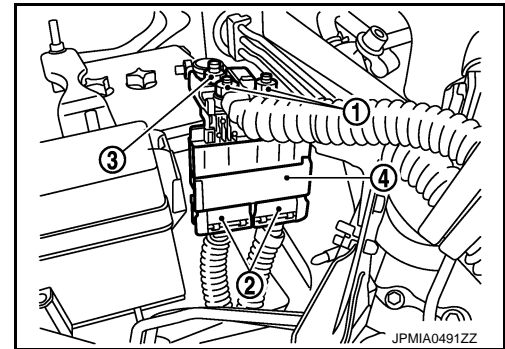


Removal and Installation

INFOID:000000006473048

REMOVAL

1. Remove battery cover.
2. Disconnect the battery cable from the negative terminal.
3. Remove cover of battery positive terminal.
4. Remove harness mounting nuts (1) to disconnect harness connector (2).
5. Remove fusible link holder mounting nut (3) to remove battery terminal with fusible link (4).



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.5 N·m (1.4 kg·m, 10 ft·lb)

Fusible link holder mounting nut

: 13.5 N·m (1.4 kg·m, 10 ft·lb)

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

[POWER SUPPLY & GROUND CIRCUIT]

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:000000006473049

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

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

PG