

SECTION

PG

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

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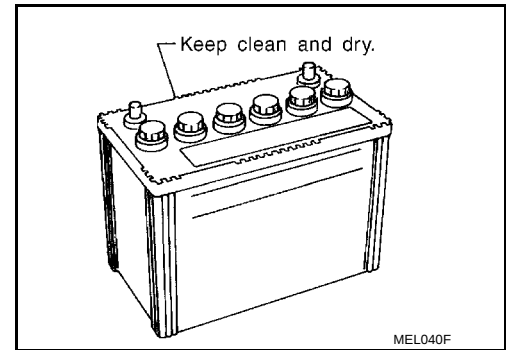
CAUTION:

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

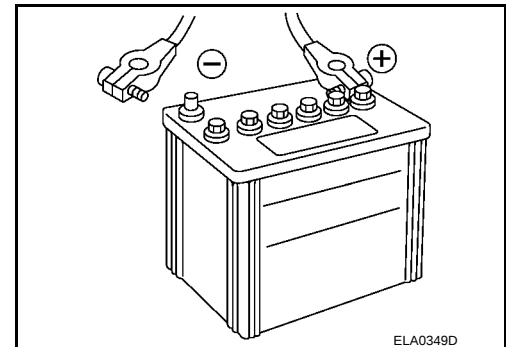
METHODS OF PREVENTING OVER-DISCHARGE

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

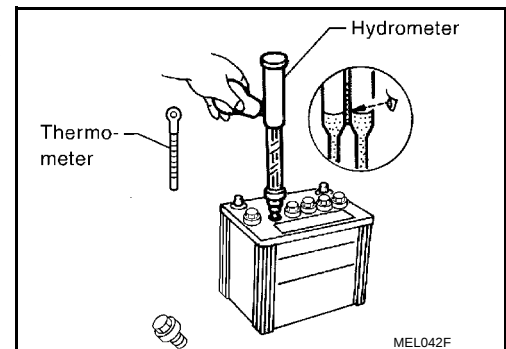
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



CHECKING ELECTROLYTE LEVEL

WARNING:

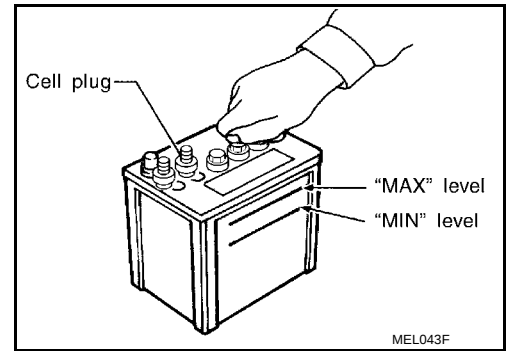
Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

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

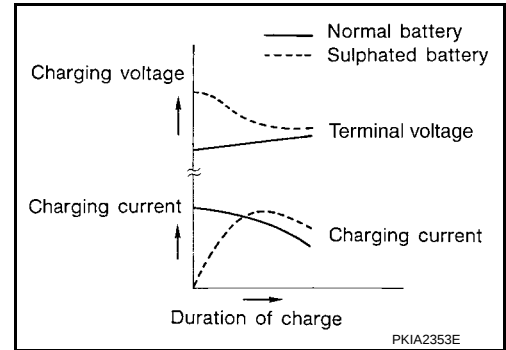


Sulphation

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

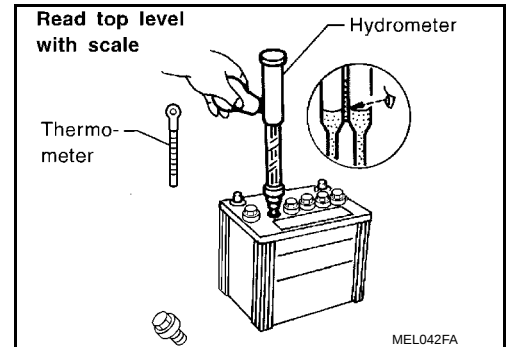
To determine if a battery has been "sulphated", note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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



SPECIFIC GRAVITY CHECK

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



Hydrometer Temperature Correction

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

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

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

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

CHARGING THE BATTERY

CAUTION:

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

Charging Rates

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

Do not charge at more than 50 ampere rate.

NOTE:

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

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

Work Flow

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TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

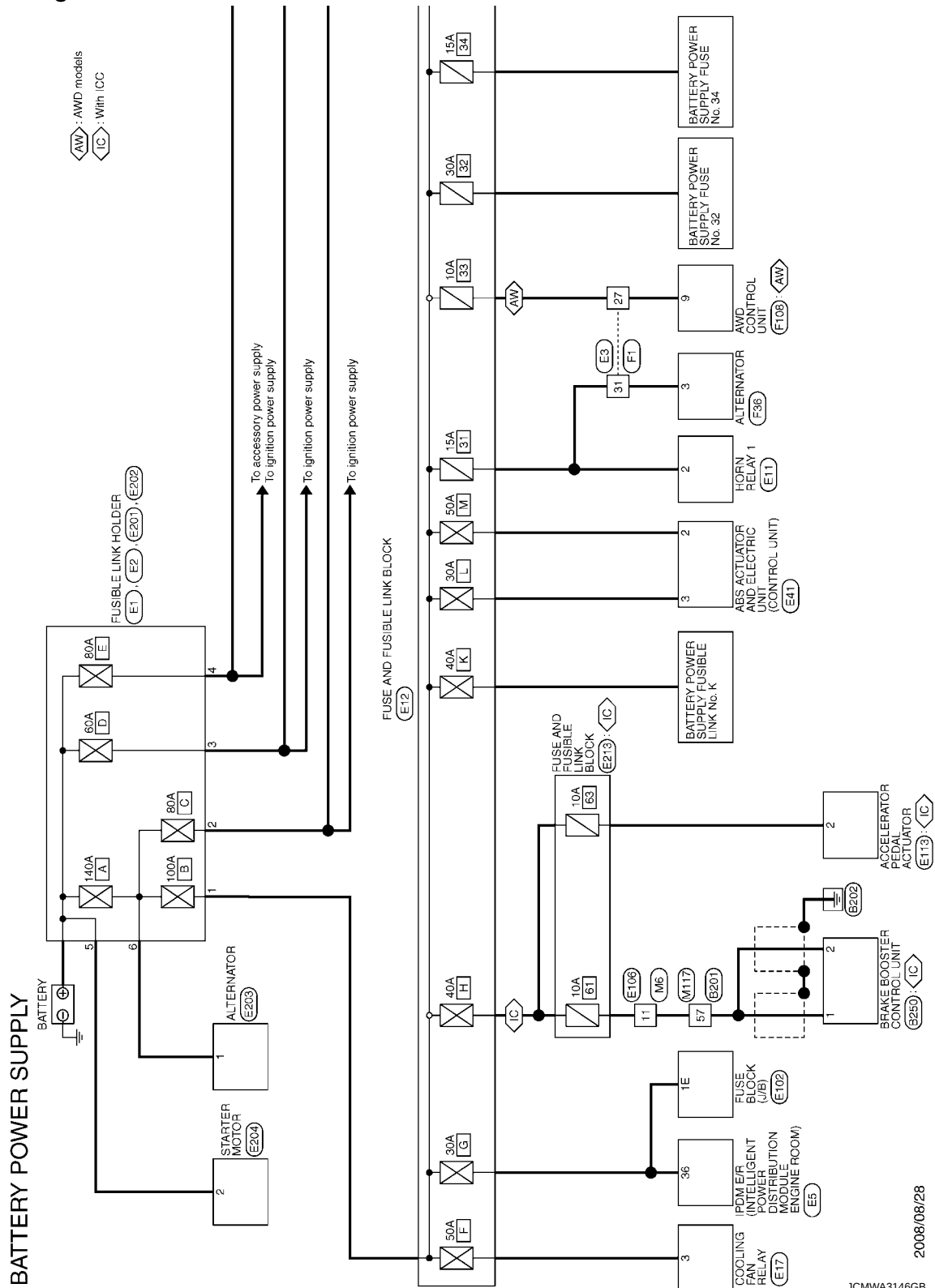
For battery testing, use Battery Service Center (J-48087). For details and operating instructions, refer to Technical Service Bulletin and/or Battery Service Center User Guide.

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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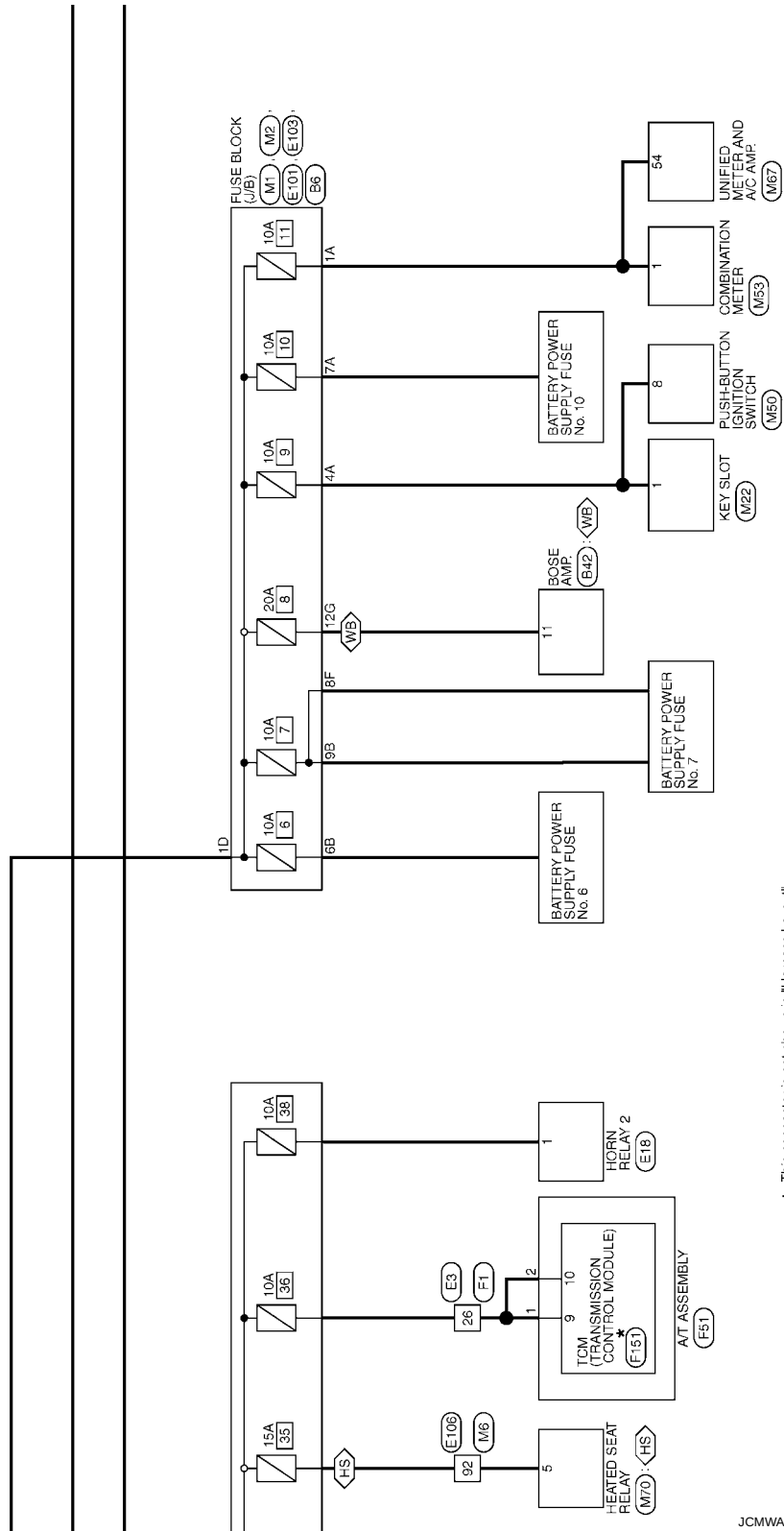
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

WB : With BOSE audio
HS : With heated seat



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

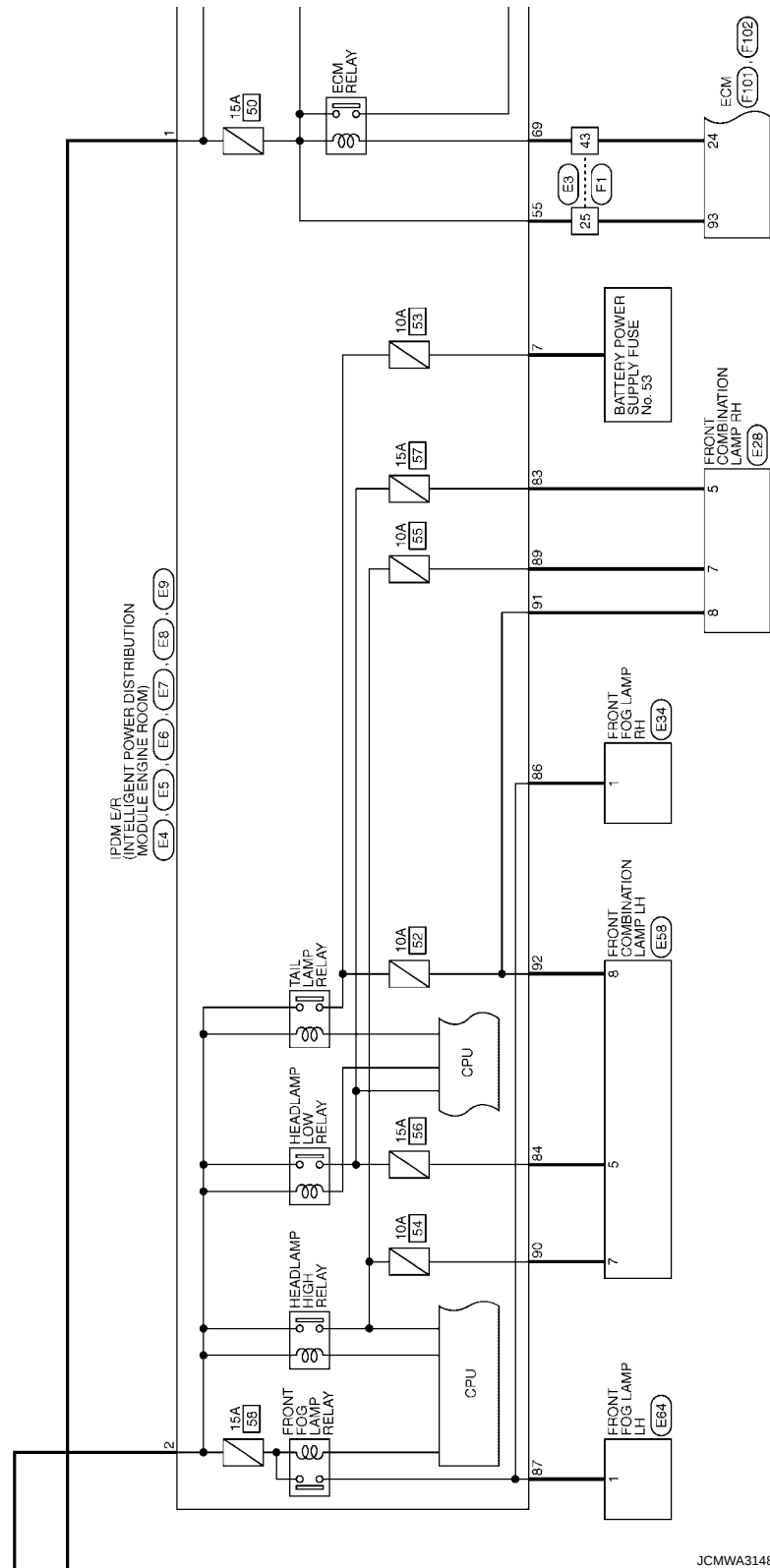
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

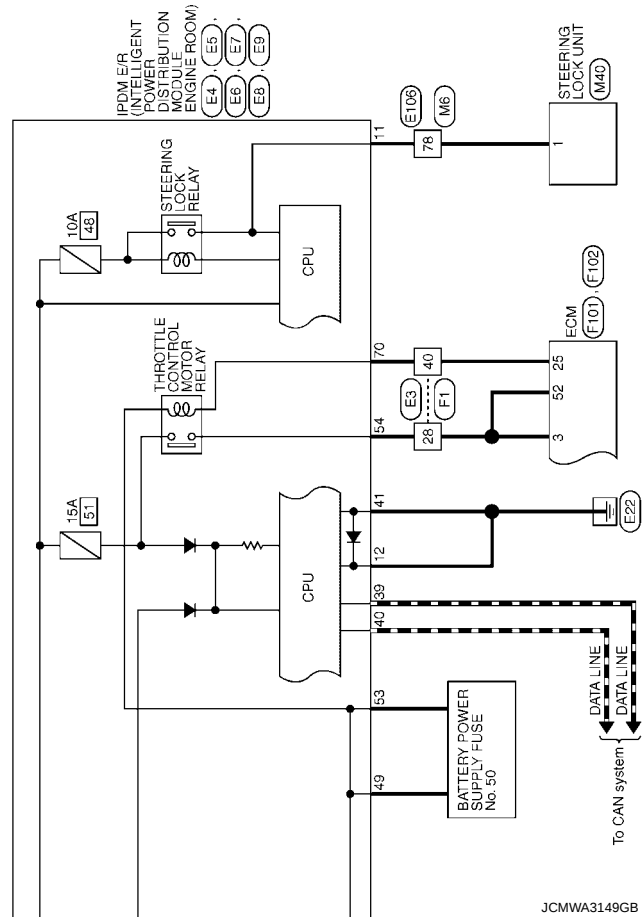


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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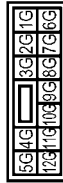
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

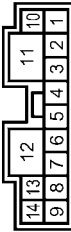
BATTERY POWER SUPPLY

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12BR-CS



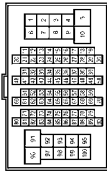
Terminal No.	12G
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	B42
Connector Name	BOSE AMP
Connector Type	SGA12FER-SJA2



Terminal No.	11
Color of Wire	GR
Signal Name [Specification]	BATTERY

Connector No.	S201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	57
Color of Wire	W
Signal Name [Specification]	-

Connector No.	E250
Connector Name	BRAKE BOOSTER CONTROL UNIT
Connector Type	TK24FW



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

Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FER-MC



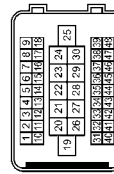
Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	2
Color of Wire	W
Signal Name [Specification]	-

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FCY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS10-SJ22



Terminal No.	25
Color of Wire	BR
Signal Name [Specification]	-
Terminal No.	26
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	27
Color of Wire	O
Signal Name [Specification]	-
Terminal No.	28
Color of Wire	LG
Signal Name [Specification]	-
Terminal No.	31
Color of Wire	LG
Signal Name [Specification]	-
Terminal No.	40
Color of Wire	O
Signal Name [Specification]	-
Terminal No.	43
Color of Wire	W
Signal Name [Specification]	-

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



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

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



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
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Terminal No.	Color of Wire	Signal Name [Specification]
7	R	-
11	BR	-
12	B/W	-
36	G	-

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH68FW-NH



42	41	40	39
46	45	44	43

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

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



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
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Terminal No.	Color of Wire	Signal Name [Specification]
49	R	-
53	W	-
54	LG	-
55	BR	-
69	W	-
70	O	-

Connector No.	E8
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS38FW-CS



85	84	83
90	89	88

Terminal No.	Color of Wire	Signal Name [Specification]
83	O	-
84	V	-
86	W	-
87	L	-
89	BR	-
90	P	-

Connector No.	E9
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH18FW-NH



98	97	96	95	94	93	92	91
106	105	104	103	102	101	100	99

Terminal No.	Color of Wire	Signal Name [Specification]
91	P	-
92	O	-

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	-



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	F4347-9F900



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

Connector No.	E18
Connector Name	HORN RELAY 2
Connector Type	MG3FW-R-LC



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

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



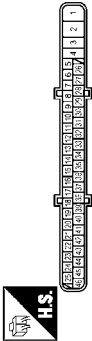
Terminal No.	Color of Wire	Signal Name [Specification]
5	O	-
7	BR	-
8	P	-

Connector No.	E34
Connector Name	FRONT FOG LAMP RH
Connector Type	FCI240PC023S4019



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

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BA440FB-4H24-LH



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	UBMR
3	R	UBVR

Connector No.	E33
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
5	V	-
7	P	-
8	O	-

Connector No.	E64
Connector Name	FRONT FOG LAMP LH
Connector Type	FCI240PC023S4019



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

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



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

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
8F	L	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-GS16-TM44



6	7	8	9	10	11
12	13	14	15	16	17
18	19	20	21	22	23
24	25	26	27	28	29
30	31	32	33	34	35
36	37	38	39	40	41
42	43	44	45	46	47
48	49	50	51	52	53
54	55	56	57	58	59
60	61	62	63	64	65
66	67	68	69	70	71
72	73	74	75	76	77
78	79	80	81	82	83
84	85	86	87	88	89
90	91	92	93	94	95
96	97	98	99	100	101

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

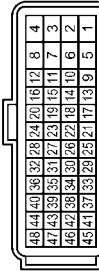
BATTERY POWER SUPPLY

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK0FG-DGY



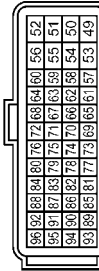
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	BR	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	VMOT1
24	BR	SSOFF
25	O	MOTRLY1

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FB-RZ8-L-UH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
52	R	VMOT2
93	P	BATT

Connector No.	F108
Connector Name	AMD CONTROL UNIT
Connector Type	TH16FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
9	O	AMD SOL BAT

Connector No.	F181
Connector Name	TOM (TRANSMISSION CONTROL MODULE)
Connector Type	SPT0FBGY



Terminal No.	Color of Wire	Signal Name [Specification]
9	W	STANDEBY SUPPLY-1
10	GR	STANDEBY SUPPLY-2

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



Terminal No.	Color of Wire	Signal Name [Specification]
1A	GR	-
4A	P	-
7A	R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
6B	Y	-
9B	SF	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MY-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
11	W	-
78	O	-
92	L	-

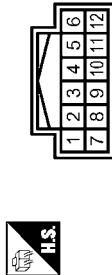
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

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



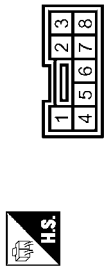
Terminal No.	1	Color of Wire	R	Signal Name [Specification]	BAT
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Connector No.	M40
Connector Name	STEERING LOCK UNIT
Connector Type	TH08FW-NH



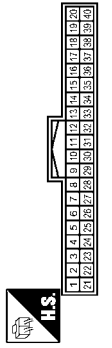
Terminal No.	1	Color of Wire	O	Signal Name [Specification]	S/L 12V (MECHANICAL)
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Connector No.	M50
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



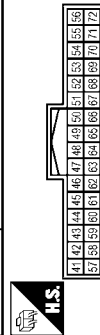
Terminal No.	8	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH



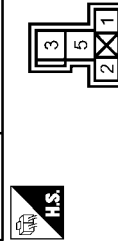
Terminal No.	1	Color of Wire	GR	Signal Name [Specification]	BAT
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Connector No.	M87
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH02FW-NH



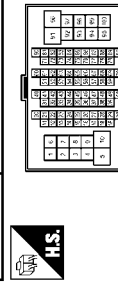
Terminal No.	54	Color of Wire	Y	Signal Name [Specification]	BATTERY POWER SUPPLY
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Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	5	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH08MM-CS16-TM4



Terminal No.	57	Color of Wire	W	Signal Name [Specification]	-
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JCMWA3155GB

POWER SUPPLY ROUTING CIRCUIT

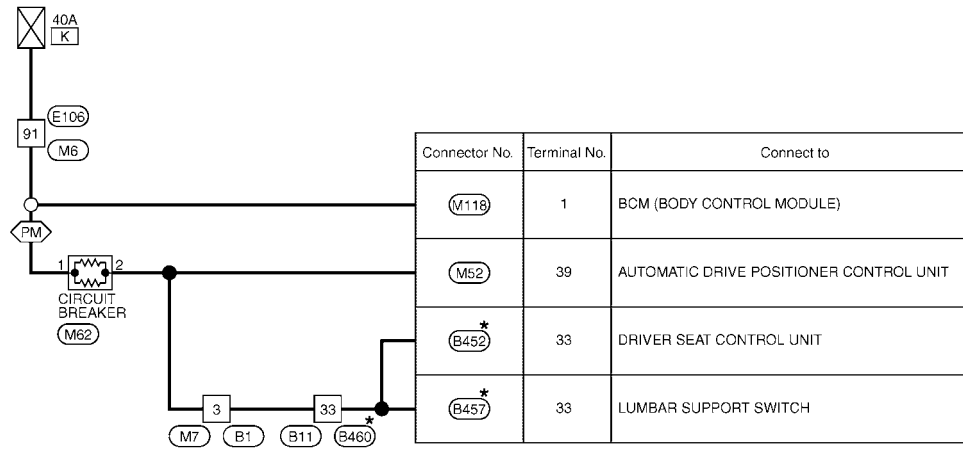
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004343213

PM : With automatic drive positioner



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

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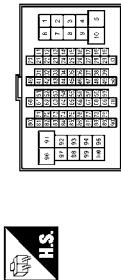
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

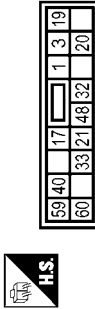
BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



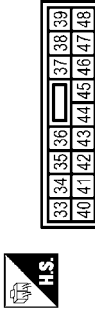
Terminal No.	3
Color of Wire	SE
Signal Name [Specification]	-

Connector No.	B11
Connector Name	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	NS16FW-CS



Terminal No.	33
Color of Wire	SB
Signal Name [Specification]	-

Connector No.	B452
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



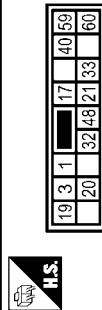
Terminal No.	33
Color of Wire	R
Signal Name [Specification]	BAT(C/B)

Connector No.	B457
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS04FW-CS



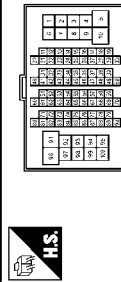
Terminal No.	33
Color of Wire	R
Signal Name [Specification]	-

Connector No.	B460
Connector Name	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	NS16MW-CS



Terminal No.	33
Color of Wire	R
Signal Name [Specification]	-

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



Terminal No.	91
Color of Wire	W
Signal Name [Specification]	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	91
Color of Wire	W
Signal Name [Specification]	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	3
Color of Wire	SB
Signal Name [Specification]	- [With automatic drive positioner]

JCMWA3157GB

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	M62
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	MS16FW-CS



33	34	35	36	37	38	39		
40	41	42	43	44	45	46	47	48

Terminal No.	Color of Wire	Signal Name (Specification)
39	SE	BAT (G/B)

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	MS2FW-P-LG



1	2
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Terminal No.	Color of Wire	Signal Name (Specification)
1	W	-
2	SB	-

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MS3FB-IC



1	2	3
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Terminal No.	Color of Wire	Signal Name (Specification)
1	W	BAT (F/L)

JCMWA3158GB

POWER SUPPLY ROUTING CIRCUIT

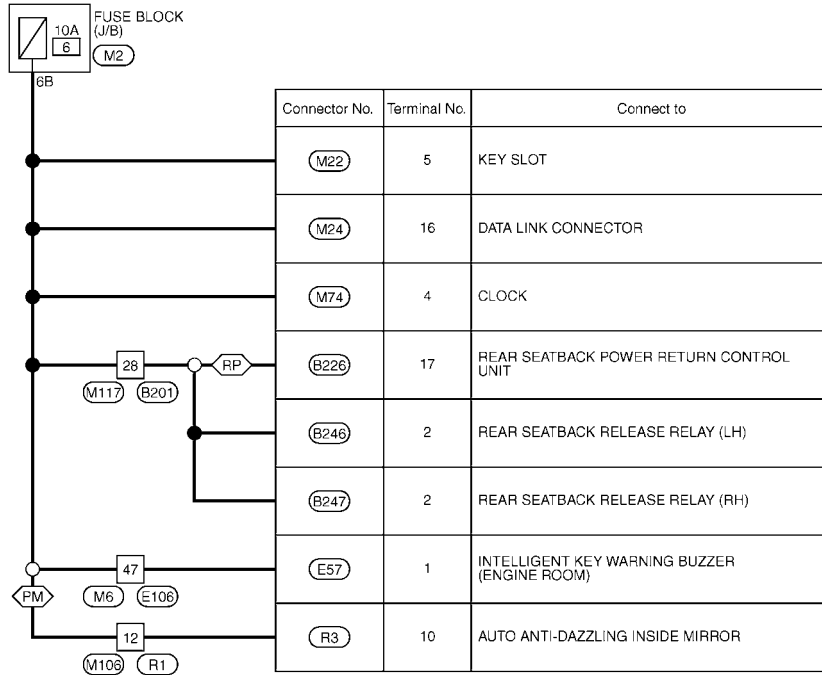
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004343214

PM : With automatic drive positioner
RP : With rear seatback power return system



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JCMWA3159GB

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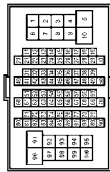
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

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



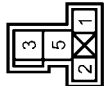
Terminal No.	28
Color of Wire	Y
Signal Name [Specification]	—

Connector No.	B226
Connector Name	REAR SEATBACK POWER RETURN CONTROL UNIT
Connector Type	YA419FW



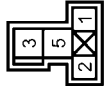
Terminal No.	17
Color of Wire	Y
Signal Name [Specification]	BAT (SYSTEM)

Connector No.	B246
Connector Name	REAR SEATBACK RELEASE RELAY (LH)
Connector Type	MS20EL-M2



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

Connector No.	B247
Connector Name	REAR SEATBACK RELEASE RELAY (RH)
Connector Type	MS20EL-M2



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

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)
Connector Type	PRO3FBR



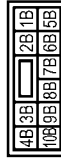
Terminal No.	1
Color of Wire	LG
Signal Name [Specification]	—

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



Terminal No.	47
Color of Wire	LG
Signal Name [Specification]	—

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS10FW-CS



Terminal No.	6B
Color of Wire	Y
Signal Name [Specification]	—

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



Terminal No.	47
Color of Wire	Y
Signal Name [Specification]	—

JCMWA3160GB

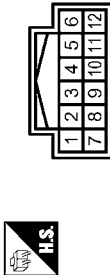
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

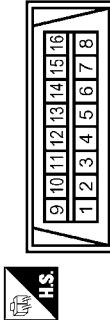
BATTERY POWER SUPPLY FUSE No. 6

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



Terminal No.	5
Color of Wire	Y
Signal Name [Specification]	ILL BAT

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



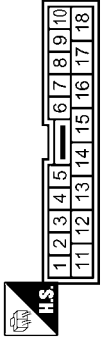
Terminal No.	16
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M74
Connector Name	CLOCK
Connector Type	TH10FW-NH



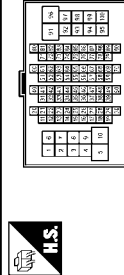
Terminal No.	4
Color of Wire	Y
Signal Name [Specification]	BAT

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MF-NS2



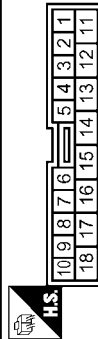
Terminal No.	12
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH10MW-C516-TM4



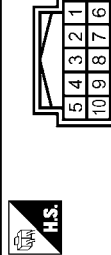
Terminal No.	28
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS2



Terminal No.	12
Color of Wire	G
Signal Name [Specification]	-

Connector No.	R2
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	10
Color of Wire	G
Signal Name [Specification]	BAT

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POWER SUPPLY ROUTING CIRCUIT

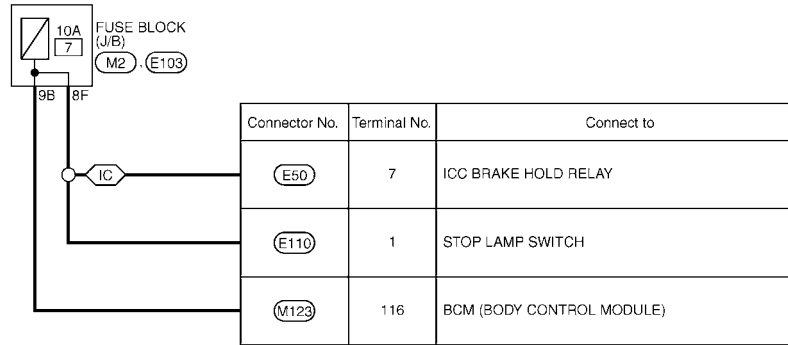
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004343215

IC : With ICC



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E50
Connector Name	IOC BRAKE HOLD RELAY
Connector Type	M08FGY-R-US



Terminal No.	7
Color of Wire	Q
Signal Name [Specification]	-

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



Terminal No.	8F
Color of Wire	L
Signal Name [Specification]	-

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



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

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



Terminal No.	9B
Color of Wire	SB
Signal Name [Specification]	-

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH04FG-NH



Terminal No.	116
Color of Wire	SB
Signal Name [Specification]	STOP LAMP SW 1

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

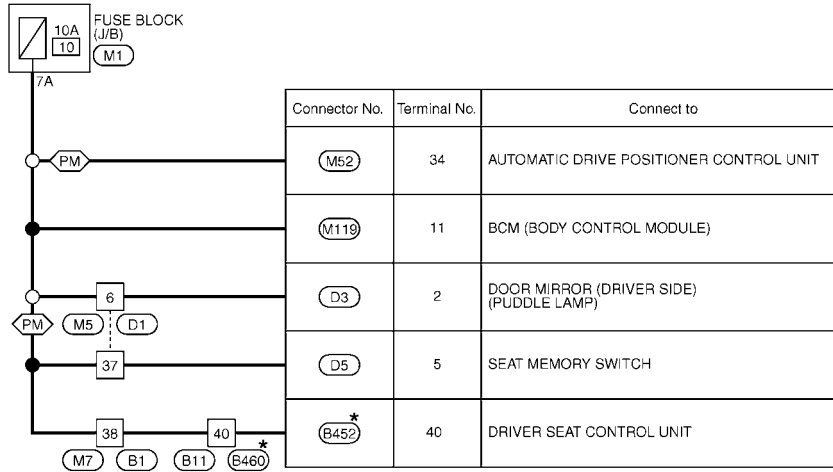
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

INFOID:000000004343216

BATTERY POWER SUPPLY FUSE No. 10

PM : With automatic drive positioner



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

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JCMWA3164GB

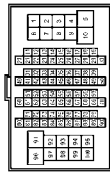
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH06FW-CS16-TM4



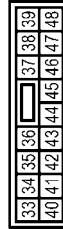
Terminal No.	38
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	B11
Connector Name	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	NS16FW-CS



Terminal No.	40
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	B432
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



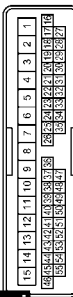
Terminal No.	40
Color of Wire	R/W
Signal Name [Specification]	BAT(FUSE)

Connector No.	B460
Connector Name	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	NS16MW-CS



Terminal No.	40
Color of Wire	R/W
Signal Name [Specification]	-

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH06FW-CS15



Terminal No.	6
Color of Wire	O
Signal Name [Specification]	-

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH24MW-NH



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

Connector No.	D5
Connector Name	SEAT MEMORY SWITCH
Connector Type	J08FW



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

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



Terminal No.	7A
Color of Wire	R
Signal Name [Specification]	-

JCMWA3165GB

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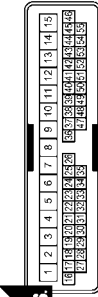
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

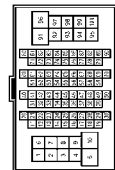
BATTERY POWER SUPPLY FUSE No. 10

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



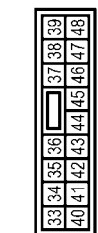
Terminal No.	6
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	37
Color of Wire	BR
Signal Name [Specification]	-

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



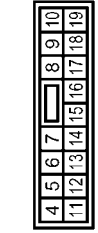
Terminal No.	38
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	M32
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS16FW-CS



Terminal No.	34
Color of Wire	R
Signal Name [Specification]	BAT (FUSE)

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



Terminal No.	11
Color of Wire	R
Signal Name [Specification]	BAT (FUSE)

JCMWA3166GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

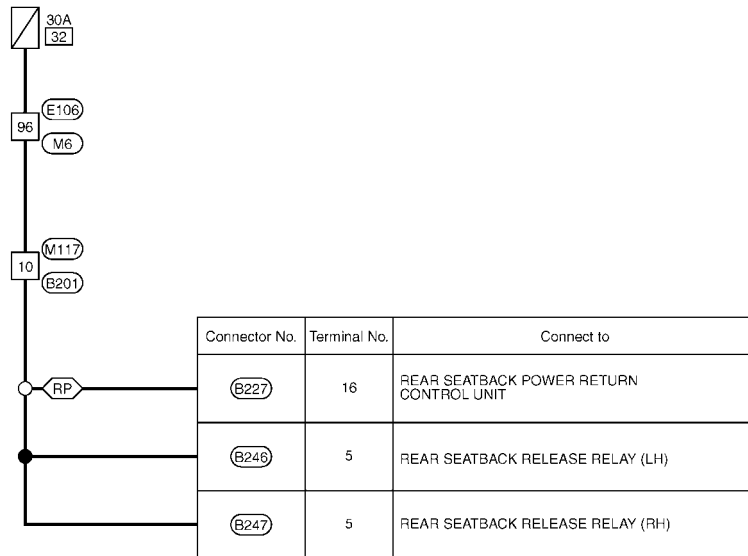
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 32 -

INFOID:000000004343217

BATTERY POWER SUPPLY FUSE No. 32

RP: With rear seatback power return system



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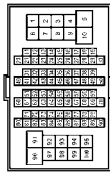
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 32

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



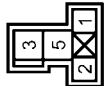
Terminal No.	10
Color of Wire	W
Signal Name [Specification]	—

Connector No.	B227
Connector Name	REAR SEATBACK POWER RETURN CONTROL UNIT
Connector Type	SEA18FW



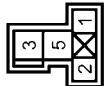
Terminal No.	16
Color of Wire	W
Signal Name [Specification]	BAT (POWER)

Connector No.	B246
Connector Name	REAR SEATBACK RELEASE RELAY (LH)
Connector Type	MS02FL-M2



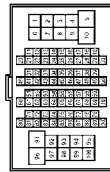
Terminal No.	5
Color of Wire	W
Signal Name [Specification]	—

Connector No.	B247
Connector Name	REAR SEATBACK RELEASE RELAY (RH)
Connector Type	MS02FL-M2



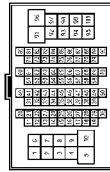
Terminal No.	5
Color of Wire	W
Signal Name [Specification]	—

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



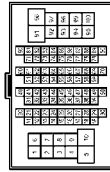
Terminal No.	96
Color of Wire	P
Signal Name [Specification]	—

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	96
Color of Wire	W
Signal Name [Specification]	—

Connector No.	MT17
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	10
Color of Wire	W
Signal Name [Specification]	—

JCMWA3168GB

POWER SUPPLY ROUTING CIRCUIT

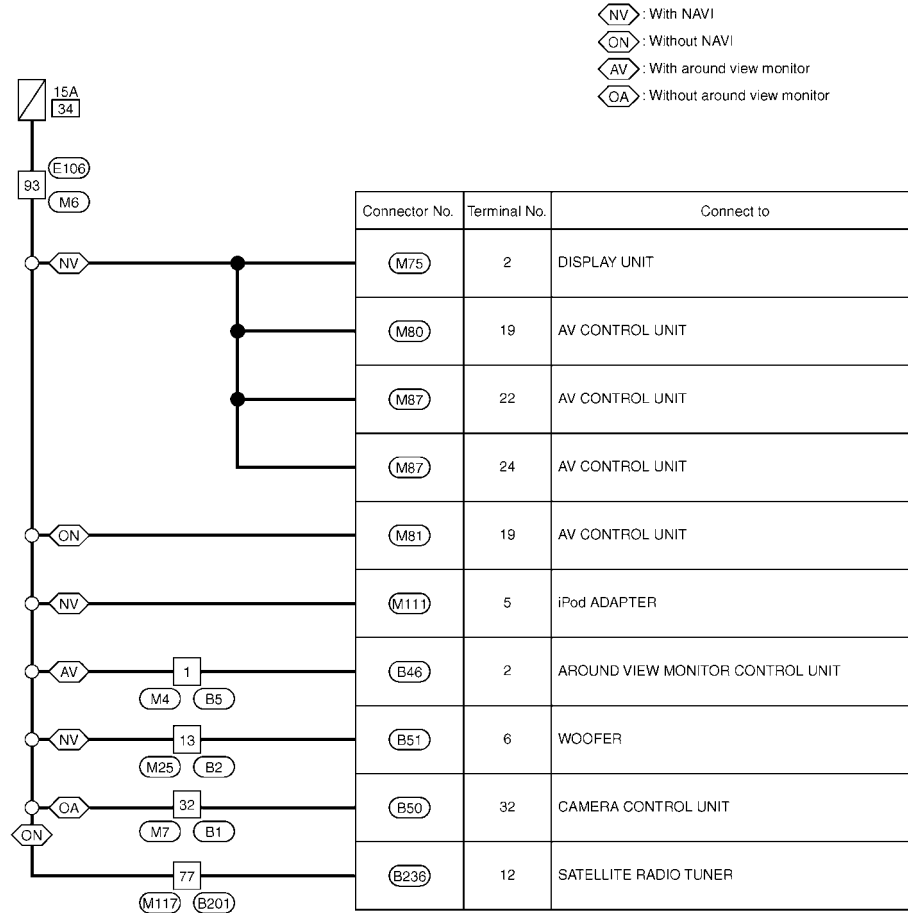
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000004343218

BATTERY POWER SUPPLY FUSE No. 34



2008/08/28

JCMWA3169GB

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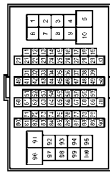
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

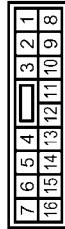
BATTERY POWER SUPPLY FUSE No. 34

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



Terminal No.	32
Color of Wire	L
Signal Name [Specification]	-

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



Terminal No.	13
Color of Wire	W
Signal Name [Specification]	-

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



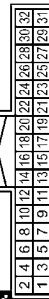
Terminal No.	1
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



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

Connector No.	B50
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32FW-NH



Terminal No.	32
Color of Wire	L
Signal Name [Specification]	BATTERY

Connector No.	B51
Connector Name	WOOFER
Connector Type	RS06GY-PR



Terminal No.	6
Color of Wire	W
Signal Name [Specification]	BATTERY

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



Terminal No.	77
Color of Wire	Y
Signal Name [Specification]	-

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



Terminal No.	12
Color of Wire	Y
Signal Name [Specification]	BATTERY

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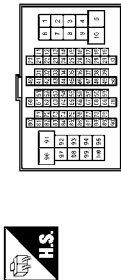
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

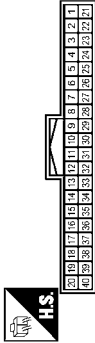
BATTERY POWER SUPPLY FUSE No. 34

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



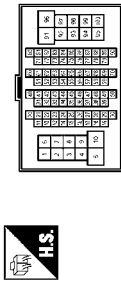
Terminal No.	93
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MH-CS16-TM4



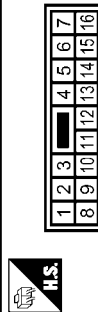
Terminal No.	93
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH60MH-CS16-TM4



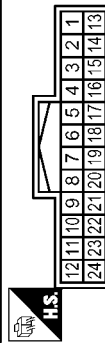
Terminal No.	32
Color of Wire	Y
Signal Name [Specification]	-

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



Terminal No.	13
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	N75
Connector Name	DISPLAY UNIT (WITH NAVI)
Connector Type	TH24FW-NH



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

Connector No.	M60
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



Terminal No.	19
Color of Wire	Y
Signal Name [Specification]	BATTERY

Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CS2



Terminal No.	19
Color of Wire	Y
Signal Name [Specification]	BATTERY

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH



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

Connector No.	M11
Connector Name	iPod ADAPTER
Connector Type	TH24FW-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
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Terminal No.	5
Color of Wire	Y
Signal Name [Specification]	BATTERY

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



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

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POWER SUPPLY ROUTING CIRCUIT

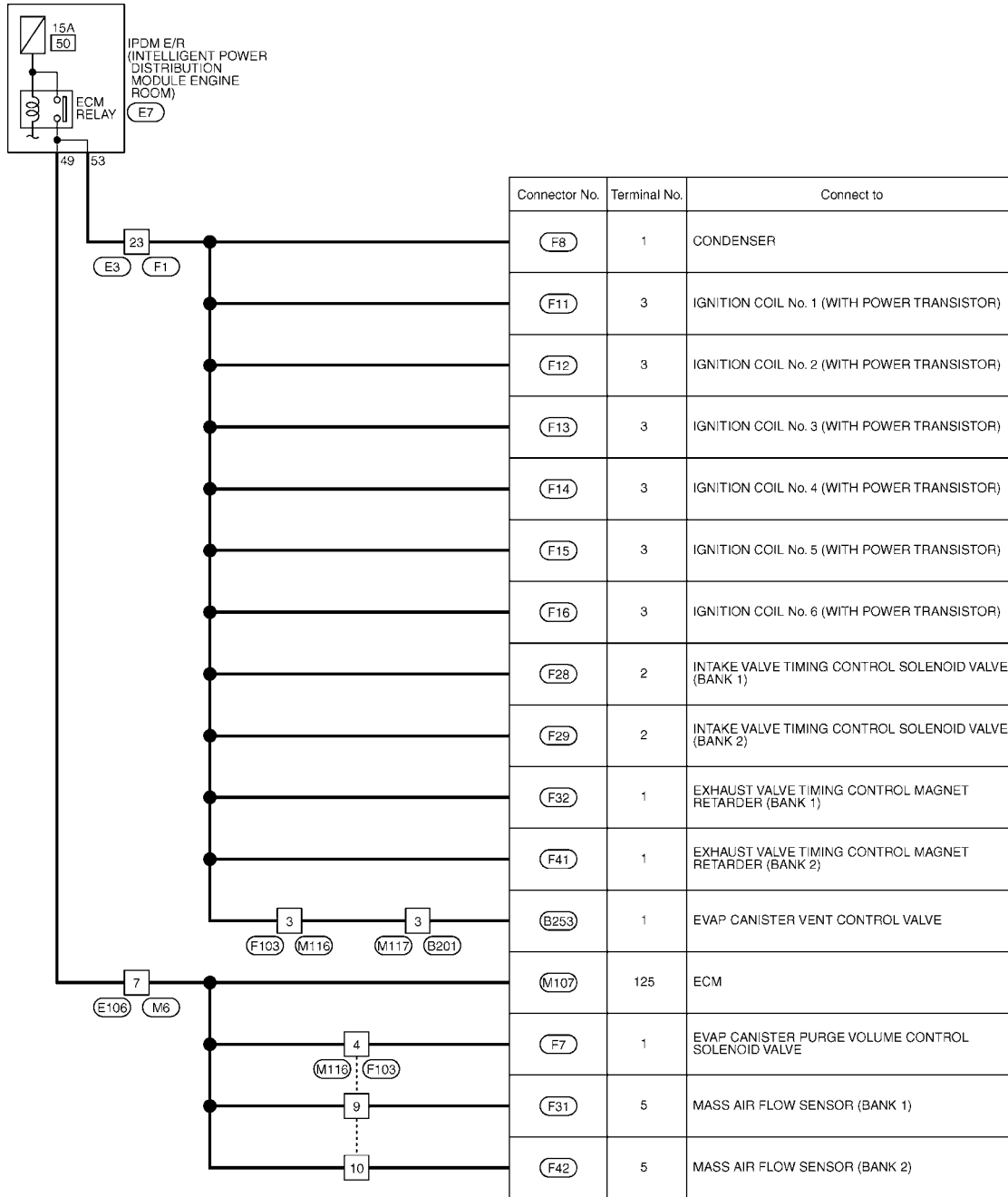
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE No. 50



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



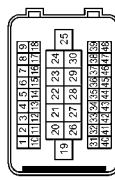
Terminal No.	3
Color of Wire	P
Signal Name [Specification]	-

Connector No.	B253
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	ED2EB-RS



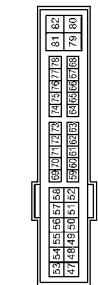
Terminal No.	1
Color of Wire	P
Signal Name [Specification]	-

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA436MB-RS10-SJ22



Terminal No.	23
Color of Wire	W
Signal Name [Specification]	-

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH40FW-CS2-M4



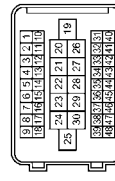
Terminal No.	49
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	53
Color of Wire	W
Signal Name [Specification]	-

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



Terminal No.	7
Color of Wire	R
Signal Name [Specification]	-

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA436FB-RS10-SJ22



Terminal No.	23
Color of Wire	W
Signal Name [Specification]	-

Connector No.	F7
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	ED2FL-RS-LGY



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

Connector No.	F8
Connector Name	CONDENSER
Connector Type	MC2FW-LG



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F11
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



Terminal No.	3	W	Signal Name [Specification]	-
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Connector No.	F12
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



Terminal No.	3	W	Signal Name [Specification]	-
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Connector No.	F13
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



Terminal No.	3	W	Signal Name [Specification]	-
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Connector No.	F14
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



Terminal No.	3	W	Signal Name [Specification]	-
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Connector No.	F15
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



Terminal No.	3	W	Signal Name [Specification]	-
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Connector No.	F16
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



Terminal No.	3	W	Signal Name [Specification]	-
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Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	ED2FG-RS-LGY



Terminal No.	2	R	Signal Name [Specification]	-
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Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	ED2FG-RS-LGY



Terminal No.	2	R	Signal Name [Specification]	-
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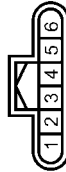
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK1)
Connector Type	RH06FB



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

Connector No.	F32
Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 1)
Connector Type	RS04FL-B



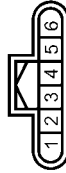
Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-

Connector No.	F41
Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 2)
Connector Type	RS04FL-B



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

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH06FB



Terminal No.	5
Color of Wire	GR
Signal Name [Specification]	-

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



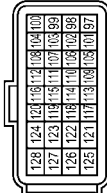
Terminal No.	3
Color of Wire	W
Signal Name [Specification]	-
Terminal No.	4
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	9
Color of Wire	Y
Signal Name [Specification]	-
Terminal No.	10
Color of Wire	GR
Signal Name [Specification]	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	7
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M107
Connector Name	ECM
Connector Type	FR124FGY-R23-R-L11-Z



Terminal No.	125
Color of Wire	R
Signal Name [Specification]	VBR

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MP-NS10



Terminal No.	3
Color of Wire	L
Signal Name [Specification]	-
Terminal No.	4
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	9
Color of Wire	R
Signal Name [Specification]	-
Terminal No.	10
Color of Wire	R
Signal Name [Specification]	-

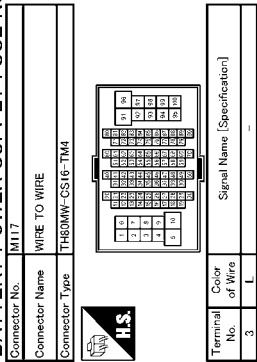
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50



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POWER SUPPLY ROUTING CIRCUIT

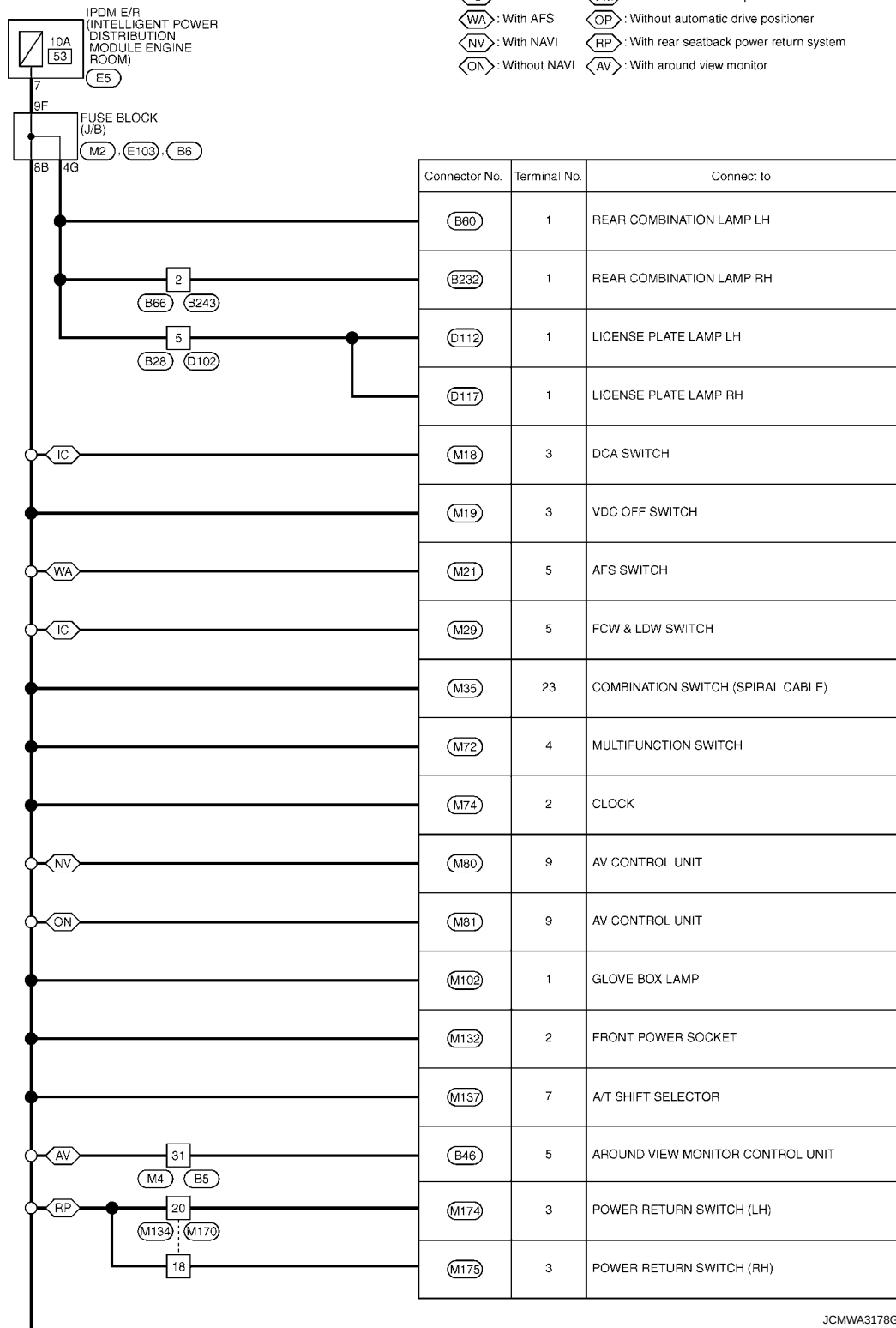
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

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BATTERY POWER SUPPLY FUSE No. 53

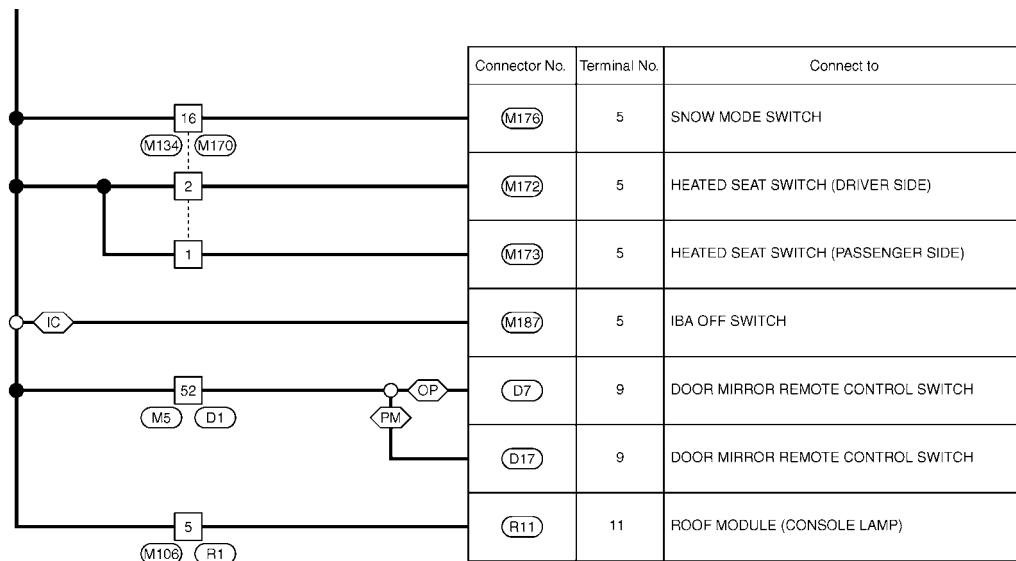


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH04MW-NH



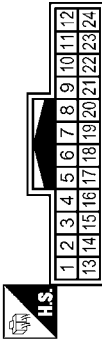
Terminal No.	31
Color of Wire	O
Signal Name [Specification]	-

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FER-GS



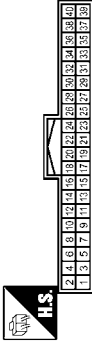
Terminal No.	4G
Color of Wire	R
Signal Name [Specification]	-

Connector No.	B28
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	5
Color of Wire	O
Signal Name [Specification]	ILLUMINATION

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	TH04MW-NH



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

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



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

Connector No.	B232
Connector Name	REAR COMBINATION LAMP RH
Connector Type	TH04MW-NH



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

Connector No.	B243
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

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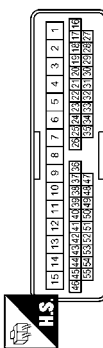
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

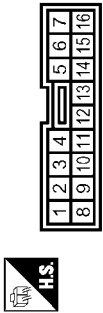
BATTERY POWER SUPPLY FUSE No. 53

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



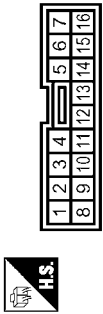
Terminal No.	52
Color of Wire	R
Signal Name [Specification]	-

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	TK16FW



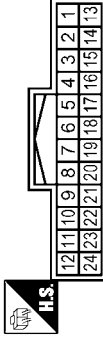
Terminal No.	9
Color of Wire	R
Signal Name [Specification]	-

Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	TK16FBR



Terminal No.	9
Color of Wire	R
Signal Name [Specification]	-

Connector No.	D102
Connector Name	WIRE TO WIRE
Connector Type	TH42FW-NH



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

Connector No.	D112
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR



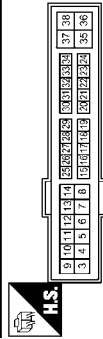
Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-

Connector No.	D117
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR



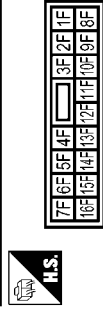
Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-

Connector No.	E5
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS17-M4-1V



Terminal No.	7
Color of Wire	R
Signal Name [Specification]	-

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



Terminal No.	9F
Color of Wire	R
Signal Name [Specification]	-

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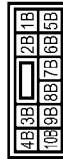
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

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



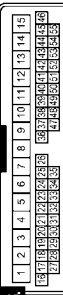
Terminal No.	8B
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



Terminal No.	31
Color of Wire	R
Signal Name [Specification]	-

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



Terminal No.	52
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M18
Connector Name	DCA SWITCH
Connector Type	TK08FGY



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

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK08FGY



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

Connector No.	M21
Connector Name	AFS SWITCH
Connector Type	TK08FW-1V



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M29
Connector Name	FCW & LDW SWITCH
Connector Type	TK08FGY



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

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



Terminal No.	23
Color of Wire	R
Signal Name [Specification]	-

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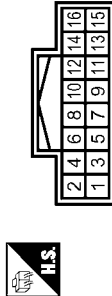
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

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



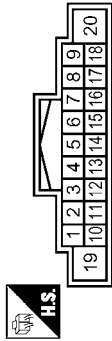
Terminal No.	4
Color of Wire	R
Signal Name [Specification]	ILL

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



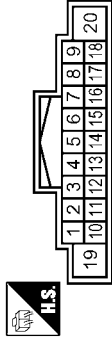
Terminal No.	2
Color of Wire	R
Signal Name [Specification]	ILLUMINATION (+)

Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



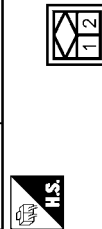
Terminal No.	9
Color of Wire	R
Signal Name [Specification]	ILLUMINATION

Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CS2



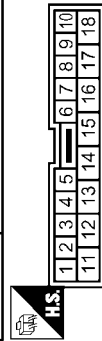
Terminal No.	9
Color of Wire	R
Signal Name [Specification]	ILLUMINATION

Connector No.	M102
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW



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

Connector No.	M105
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS3



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M122
Connector Name	FRONT POWER SOCKET
Connector Type	NS03FW-CS



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

Connector No.	M134
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-
16	P
18	L
20	L

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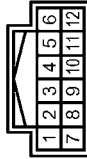
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

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



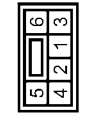
Terminal No.	7
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M170
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



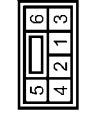
Terminal No.	Color of Wire	Signal Name (Specification)
1	R	-
2	L	-
16	P	-
18	G	-
20	R	-

Connector No.	M172
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS06FW-CS



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

Connector No.	M173
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS06FER-CS



Terminal No.	5
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M174
Connector Name	POWER RETURN SWITCH (LH)
Connector Type	TK04FW



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

Connector No.	M175
Connector Name	POWER RETURN SWITCH (RH)
Connector Type	TK04FW-B



Terminal No.	3
Color of Wire	G
Signal Name [Specification]	-

Connector No.	M176
Connector Name	SNOW MODE SWITCH
Connector Type	TK08FW



Terminal No.	5
Color of Wire	P
Signal Name [Specification]	-

Connector No.	M187
Connector Name	IBA OFF SWITCH
Connector Type	TK08FGY



Terminal No.	5
Color of Wire	O
Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	RI
Connector Name	WIRE TO WIRE
Connector Type	TK-0FW-1S3



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

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

Connector No.	RI1
Connector Name	ROOF MODULE (CONSOLE LAMP)
Connector Type	TH12MW-NH



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

Terminal No.	11
Color of Wire	L
Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT

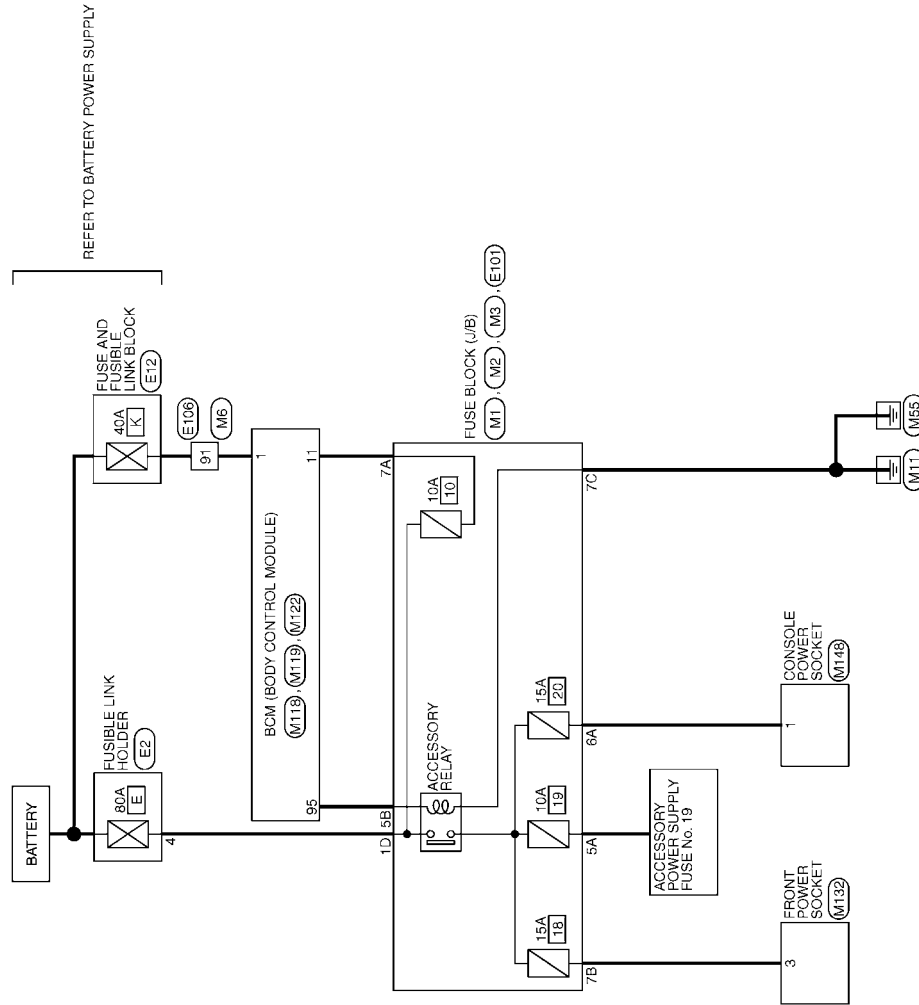
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000004343221

ACCESSORY POWER SUPPLY



2008/08/28

JCMWA3186GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L0FGY-MC



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

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



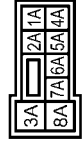
Terminal No.	1D
Color of Wire	R
Signal Name [Specification]	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	T180FW-CS16-TM4



Terminal No.	91
Color of Wire	W
Signal Name [Specification]	-

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



Terminal No.	5A
Color of Wire	V
Signal Name [Specification]	-
Terminal No.	6A
Color of Wire	Y
Signal Name [Specification]	-
Terminal No.	7A
Color of Wire	R
Signal Name [Specification]	-

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



Terminal No.	5B
Color of Wire	O
Signal Name [Specification]	-
Terminal No.	7B
Color of Wire	P
Signal Name [Specification]	-

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



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	T180MW-CS16-TM4



Terminal No.	91
Color of Wire	W
Signal Name [Specification]	-

Connector No.	M11B
Connector Name	BCV (BODY CONTROL MODULE)
Connector Type	MC0FB-LC



Terminal No.	1
Color of Wire	W
Signal Name [Specification]	BAT (F/L)

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	MI13
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



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

Connector No.	MI22
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



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

Terminal No.	95
Color of Wire	O
Signal Name [Specification]	ACC RELAY CONT

Connector No.	MI32
Connector Name	FRONT POWER SOCKET
Connector Type	NS33FW-CS



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

Connector No.	MI48
Connector Name	CONSOLE POWER SOCKET
Connector Type	PR25B-Z



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

JCMWA3188GB

POWER SUPPLY ROUTING CIRCUIT

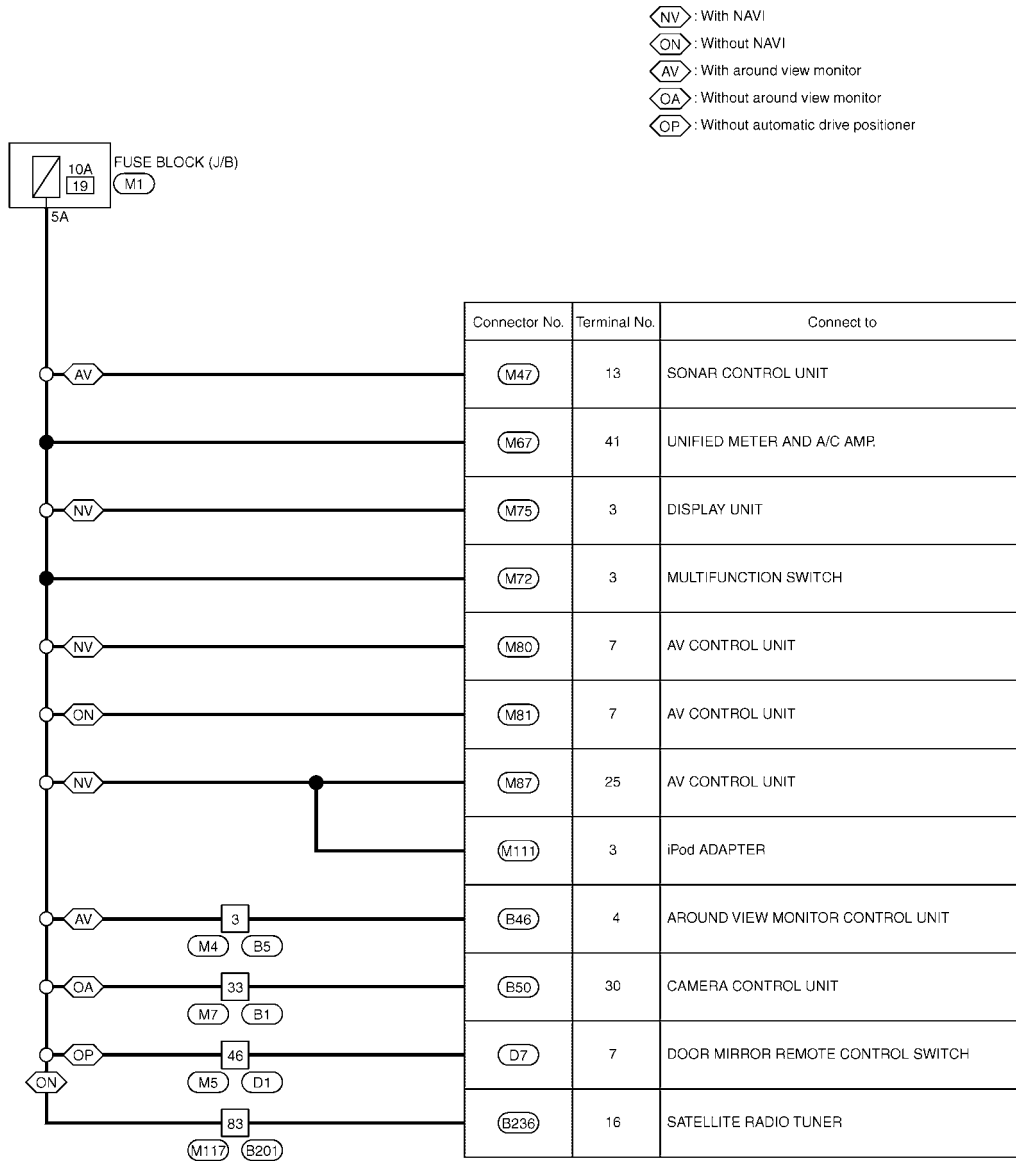
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:000000004343222

ACCESSORY POWER SUPPLY FUSE No. 19



2008/08/28

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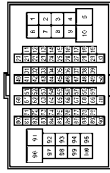
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

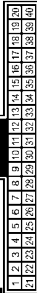
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



Terminal No.	33
Color of Wire	LG
Signal Name [Specification]	—

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



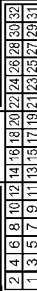
Terminal No.	3
Color of Wire	GR
Signal Name [Specification]	—

Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	4
Color of Wire	GR
Signal Name [Specification]	ACC

Connector No.	B50
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32FW-NH



Terminal No.	30
Color of Wire	LG
Signal Name [Specification]	ACC

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



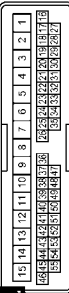
Terminal No.	83
Color of Wire	V
Signal Name [Specification]	—

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



Terminal No.	16
Color of Wire	V
Signal Name [Specification]	ACC

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



Terminal No.	46
Color of Wire	V
Signal Name [Specification]	— [Without automatic drive positioner]

Connector No.	D7
Connector Name	DATA MEMORY RESERVE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	TX16FW



Terminal No.	7
Color of Wire	V
Signal Name [Specification]	—

JCMWA3190GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

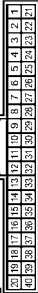
ACCESSORY POWER SUPPLY FUSE No. 19

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



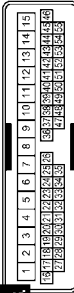
Terminal No.	5A
Color of Wire	V
Signal Name [Specification]	—

Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



Terminal No.	3
Color of Wire	V
Signal Name [Specification]	—

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MH-CS/S



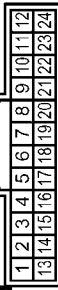
Terminal No.	46
Color of Wire	V
Signal Name [Specification]	— [Without automatic drive positioner]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH40MH-CS/6-TM4



Terminal No.	33
Color of Wire	V
Signal Name [Specification]	—

Connector No.	M43
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24FW-NH



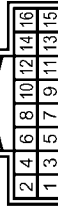
Terminal No.	13
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP
Connector Type	TH52FW-NH



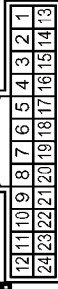
Terminal No.	41
Color of Wire	V
Signal Name [Specification]	ACC POWER SUPPLY

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



Terminal No.	3
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	M75
Connector Name	DISPLAY UNIT (WITH NAVI)
Connector Type	TH24FW-NH



Terminal No.	3
Color of Wire	V
Signal Name [Specification]	ACC

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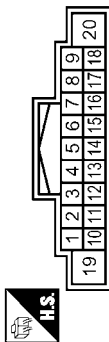
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

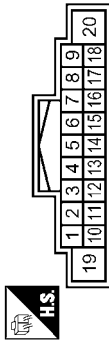
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



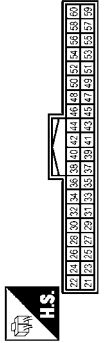
Terminal No.	7
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CS2



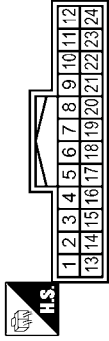
Terminal No.	7
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH



Terminal No.	25
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	M111
Connector Name	iPod ADAPTER
Connector Type	TH42FW-NH



Terminal No.	3
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH63MW-CS16-TM4



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

JCMWA3192GB

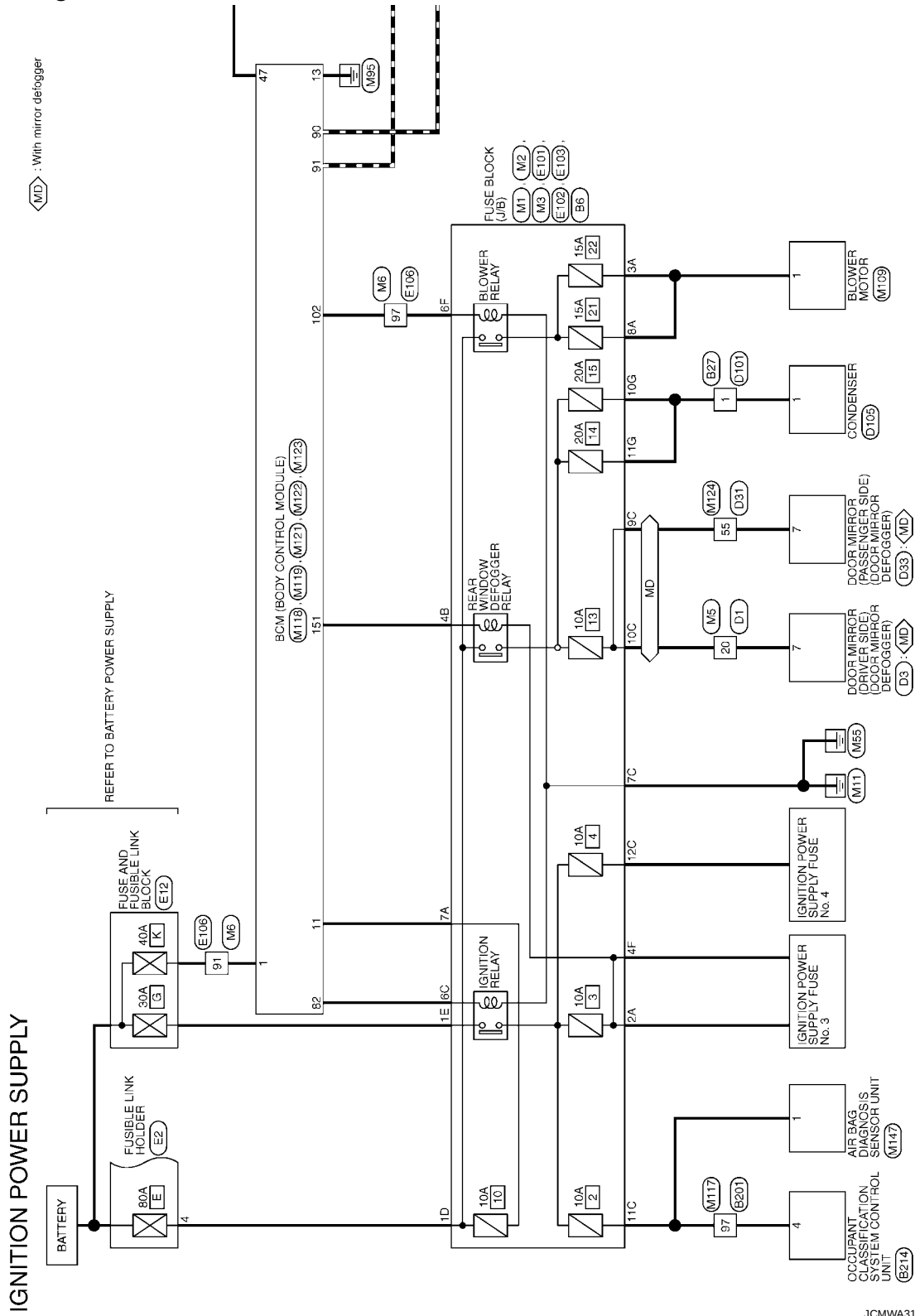
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY -

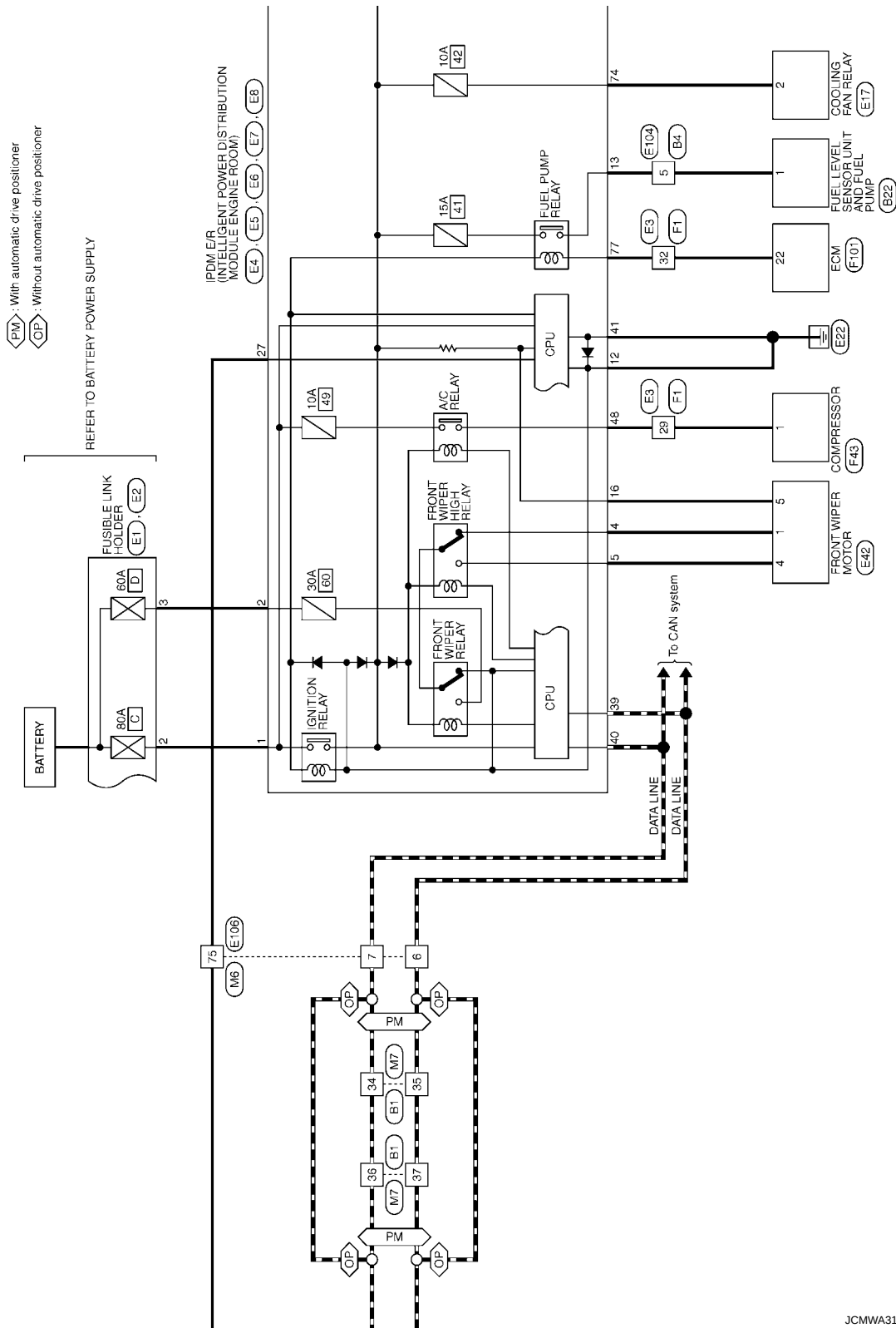
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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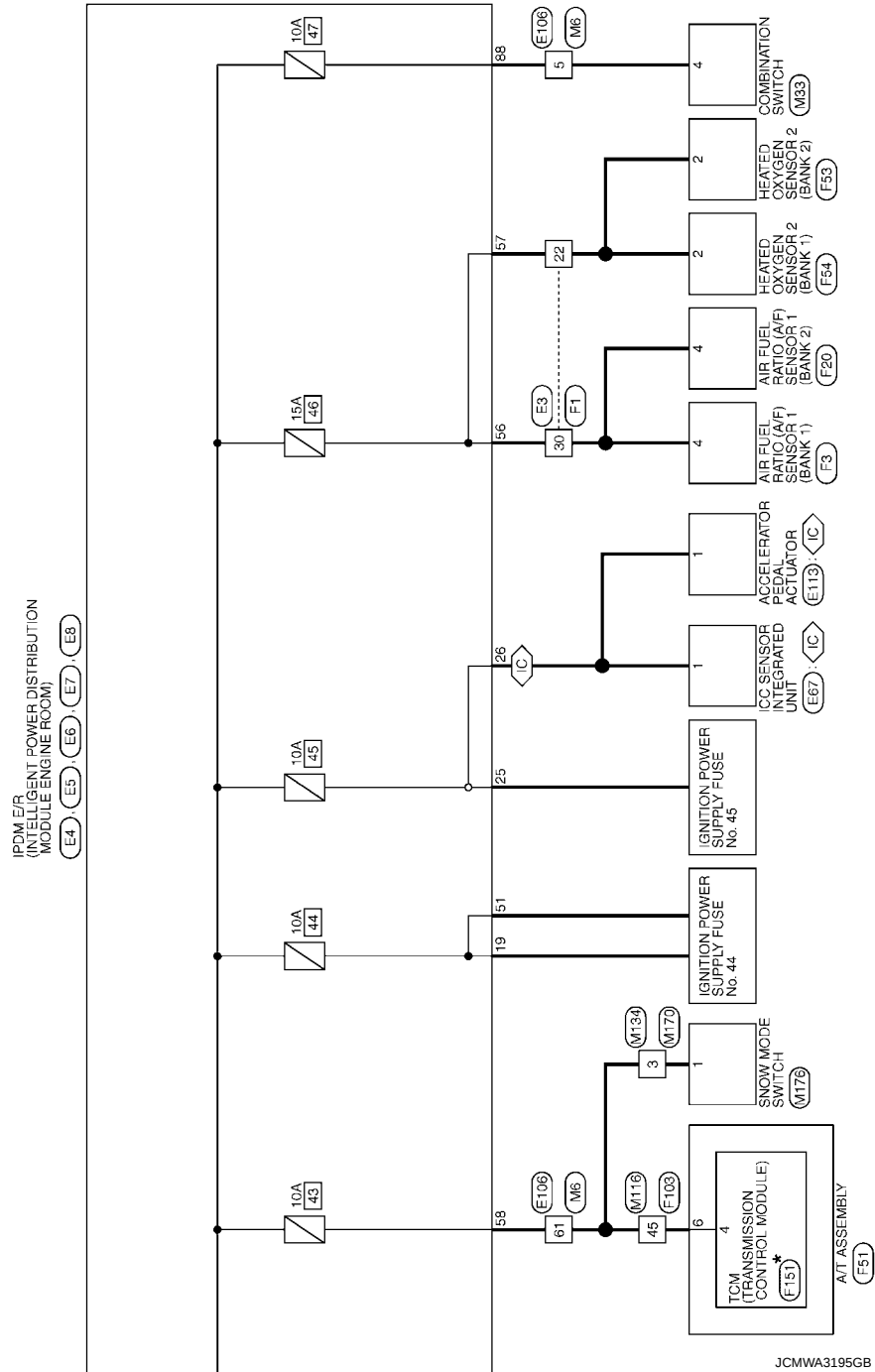
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IC : With IC

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



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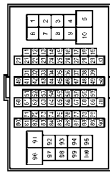
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

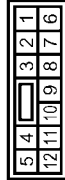
IGNITION POWER SUPPLY

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH6DFW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
34	L	-
35	P	-
36	L	-
37	P	-

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



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

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FER-CS



Terminal No.	Color of Wire	Signal Name [Specification]
11G	W	-
11G	W	-

Connector No.	B22
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)
Connector Type	ES5FGY-RS



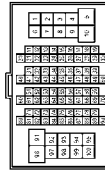
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-

Connector No.	B27
Connector Name	WIRE TO WIRE
Connector Type	M03MH-LC



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH6DFW-CS16-TM4



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

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH6DFW-NH



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

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH6DFW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
20	W	-

JCMWA3196GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

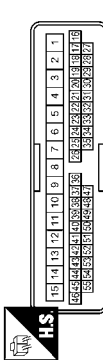
IGNITION POWER SUPPLY

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH24MW-NH



Terminal No.	7
Color of Wire	W
Signal Name [Specification]	-

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



Terminal No.	55
Color of Wire	L
Signal Name [Specification]	-

Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH24MW-NH



Terminal No.	7
Color of Wire	L
Signal Name [Specification]	-

Connector No.	D101
Connector Name	WIRE TO WIRE
Connector Type	M06FW-LC



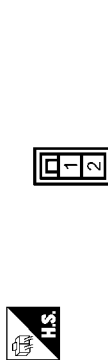
Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-

Connector No.	D105
Connector Name	CONDENSER
Connector Type	P01FB-A



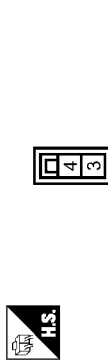
Terminal No.	1
Color of Wire	R
Signal Name [Specification]	-

Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FER-MC



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

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FGY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA438MB-RS10-SJ22



Terminal No.	22
Color of Wire	SB
Signal Name [Specification]	-
Terminal No.	29
Color of Wire	L
Signal Name [Specification]	-
Terminal No.	30
Color of Wire	V
Signal Name [Specification]	-
Terminal No.	32
Color of Wire	L
Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

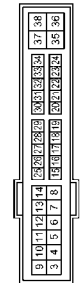
IGNITION POWER SUPPLY

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



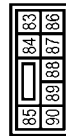
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
12	B/W	-
13	SB	-
16	LG	-
19	W	-
25	G	-
26	R	-
27	O	-

Connector No.	E8
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	HS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
88	GR	-

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH03FW-NH



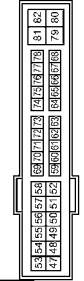
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/W	-

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



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

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH40FW-CS2-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	L	-
51	G	-
56	V	-
57	SB	-
58	P	-
74	P	-
77	L	-

Connector No.	E67
Connector Name	IGCC SENSOR INTEGRATED UNIT
Connector Type	RS00FB-PR



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



Terminal No.	1D
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	NS16FW-CS



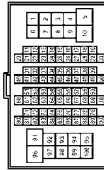
Terminal No.	4F
Color of Wire	G
Signal Name [Specification]	-

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS12MF-CS



Terminal No.	5
Color of Wire	SB
Signal Name [Specification]	-

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
5	GR	—
6	G	—
7	R	—
61	P	—
75	O	—
91	W	—

Connector No.	E113
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	K0206FB



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

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA436FB-RS10-SJ22



Terminal No.	Color of Wire	Signal Name (Specification)
22	G	-
29	L	-
30	Y	-
32	LG	-

Connector No.	F3
Connector Name	MR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AF204DGY



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F20
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AEZ04FDGY



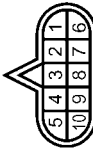
Terminal No.	4
Color of Wire	Y
Signal Name [Specification]	—

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



Terminal No.	1
Color of Wire	L
Signal Name [Specification]	MAGNET CLUTCH POWER SUPPLY

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



Terminal No.	6
Color of Wire	Y
Signal Name [Specification]	—

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AEZ04FB



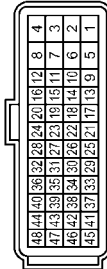
Terminal No.	2
Color of Wire	G
Signal Name [Specification]	—

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AEZ04FB



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

Connector No.	F101
Connector Name	ECM
Connector Type	RH407B-R28-L-LH-Z



Terminal No.	22
Color of Wire	LG
Signal Name [Specification]	FPR

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



Terminal No.	45
Color of Wire	Y
Signal Name [Specification]	—

Connector No.	F151
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FBGY



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

JCMWA3200GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



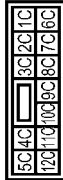
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	-
3A	L	-
7A	R	-
8A	L	-

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



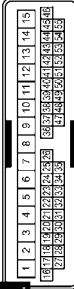
Terminal No.	Color of Wire	Signal Name [Specification]
4B	G	-

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



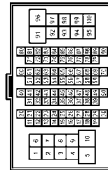
Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
9C	O	-
10C	L	-
11C	LG	-
12C	O	-

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



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

Connector No.	M8
Connector Name	WIRE TO WIRE
Connector Type	TH03MW-CS16-TM4



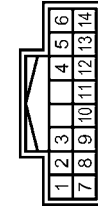
Terminal No.	Color of Wire	Signal Name [Specification]
5	G	-
6	O	-
7	R	-
6L	BR	-
7L	V	-
9L	W	-
97	O	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH03MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
34	L	-
35	P	-
36	L	-
37	P	-

Connector No.	M23
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-MH



Terminal No.	Color of Wire	Signal Name [Specification]
4	G	IGN

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	NS06FW-M3



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BLOWER MOTOR POWER SUPPLY

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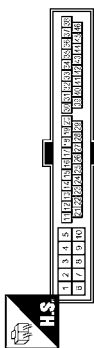
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



Terminal No.	45
Color of Wire	BR
Signal Name [Specification]	—

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



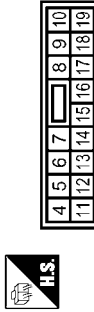
Terminal No.	97
Color of Wire	R
Signal Name [Specification]	—

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



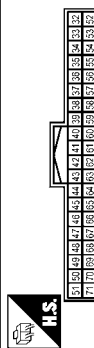
Terminal No.	1
Color of Wire	W
Signal Name [Specification]	BAT (F/L)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS/0FY-CS



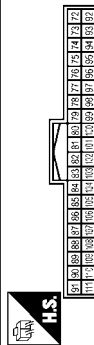
Terminal No.	11
Color of Wire	R
Signal Name [Specification]	BAT (FUSE)
Terminal No.	13
Color of Wire	B
Signal Name [Specification]	GND

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40GY-NH



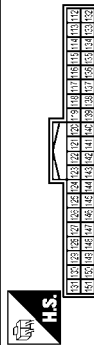
Terminal No.	47
Color of Wire	Y
Signal Name [Specification]	IGN RELAY (IPDM E/R) CONT

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



Terminal No.	82
Color of Wire	R
Signal Name [Specification]	IGN RELAY (F/B) CONT
Terminal No.	90
Color of Wire	P
Signal Name [Specification]	CAN-L
Terminal No.	91
Color of Wire	L
Signal Name [Specification]	CAN-H
Terminal No.	102
Color of Wire	O
Signal Name [Specification]	BLOWER FAN MOTOR RELAY CONT

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



Terminal No.	151
Color of Wire	G
Signal Name [Specification]	REAR WINDOW DEFOGGER RELAY CONT

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MY-CS15



Terminal No.	55
Color of Wire	O
Signal Name [Specification]	—

JCMWA3202GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

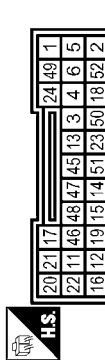
IGNITION POWER SUPPLY

Connector No.	M134
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



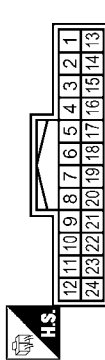
Terminal No.	3
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK28FY-EK-SC



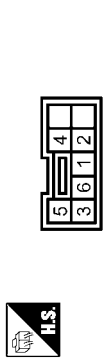
Terminal No.	1
Color of Wire	LG
Signal Name [Specification]	IGN

Connector No.	M170
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	3
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	M176
Connector Name	SHOW MODE SWITCH
Connector Type	TK08FW



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

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[POWER SUPPLY & GROUND CIRCUIT]

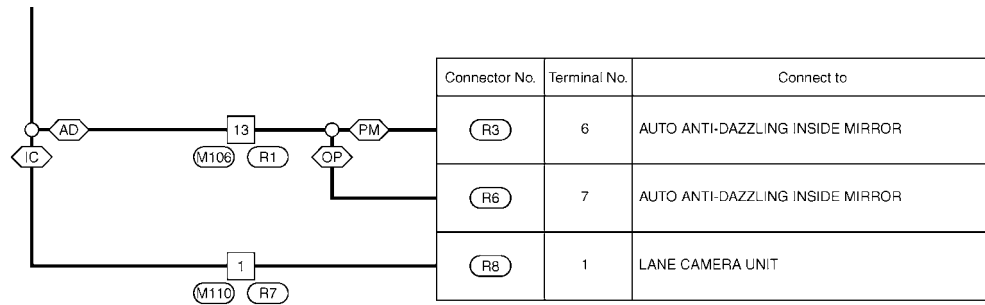
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JCMWA5733GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



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

Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



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

Connector No.	E201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS(G-TM)



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

Connector No.	E240
Connector Name	BUZZER
Connector Type	RK02FBR



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

Connector No.	E26
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS03FGY



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

Terminal No.	3
Color of Wire	G
Signal Name [Specification]	—

Connector No.	E50
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MO8FGY-R-US



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

Terminal No.	3
Color of Wire	P
Signal Name [Specification]	—

Connector No.	E58
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



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

Terminal No.	3
Color of Wire	G
Signal Name [Specification]	—

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



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

Terminal No.	4F
Color of Wire	G
Signal Name [Specification]	—

JCMWA3206GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E109
Connector Name	ASGD BRAKE SWITCH
Connector Type	M02FER-LC



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

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



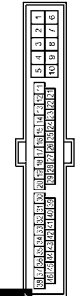
Terminal No.	3
Color of Wire	G
Signal Name [Specification]	-

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RK02FGY



Terminal No.	2
Color of Wire	Y
Signal Name [Specification]	ECV POWER SUPPLY

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK36FW-NS/D



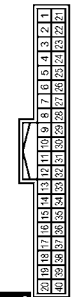
Terminal No.	20
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS06FW-M2



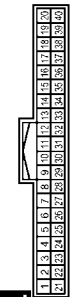
Terminal No.	2A
Color of Wire	G
Signal Name [Specification]	-

Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



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

Connector No.	M16
Connector Name	AFS CONTROL UNIT
Connector Type	TH40FW-NH



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

Connector No.	M21
Connector Name	AFS SWITCH
Connector Type	TK08FW-IV



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

JCMWA3207GB

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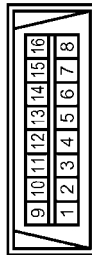
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

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



Terminal No.	8
Color of Wire	G
Signal Name [Specification]	-

Connector No.	M29
Connector Name	FCW & LDW SWITCH
Connector Type	TK08FGY



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

Connector No.	M45
Connector Name	LANE DEPARTURE WARNING BUZZER
Connector Type	NS04FER-CS



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

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH432FW-NH



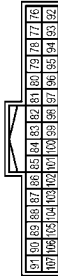
Terminal No.	53
Color of Wire	G
Signal Name [Specification]	IGNITION POWER SUPPLY

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



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

Connector No.	M85
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH132FW-NH



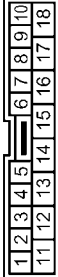
Terminal No.	104
Color of Wire	G
Signal Name [Specification]	IGNITION

Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH140FW-NH



Terminal No.	35
Color of Wire	G
Signal Name [Specification]	IGNITION

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MP-HSB



Terminal No.	13
Color of Wire	BR
Signal Name [Specification]	-

JCMWA3208GB

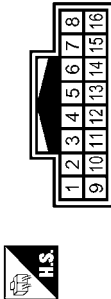
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH



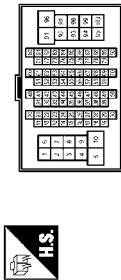
Terminal No.	1
Color of Wire	Y
Signal Name [Specification]	-

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



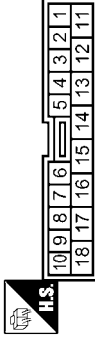
Terminal No.	20
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	19
Color of Wire	P
Signal Name [Specification]	-

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



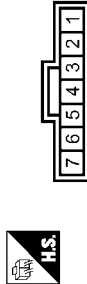
Terminal No.	13
Color of Wire	BR
Signal Name [Specification]	-

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



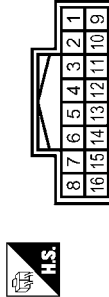
Terminal No.	6
Color of Wire	BR
Signal Name [Specification]	IGN

Connector No.	R6
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	JAA07FB



Terminal No.	7
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH16FW-NH



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

Connector No.	R8
Connector Name	LANE CAMERA UNIT
Connector Type	TH12FW-NH



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

JCMWA3209GB

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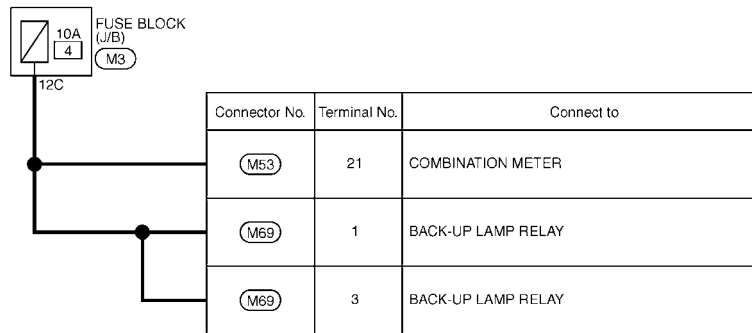
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004343225



2008/08/28

JCMWA3210GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 4

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



5C4C	8C2C1G
12C11C	9C8C7C6C

Terminal No.	Color of Wire	Signal Name (Specification)
12C	O	-

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH



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

Terminal No.	Color of Wire	Signal Name (Specification)
21	O	IGN

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



3	5
2	1

Terminal No.	Color of Wire	Signal Name (Specification)
1	R	-
3	LG	-

JCMWA3211GB

A
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POWER SUPPLY ROUTING CIRCUIT

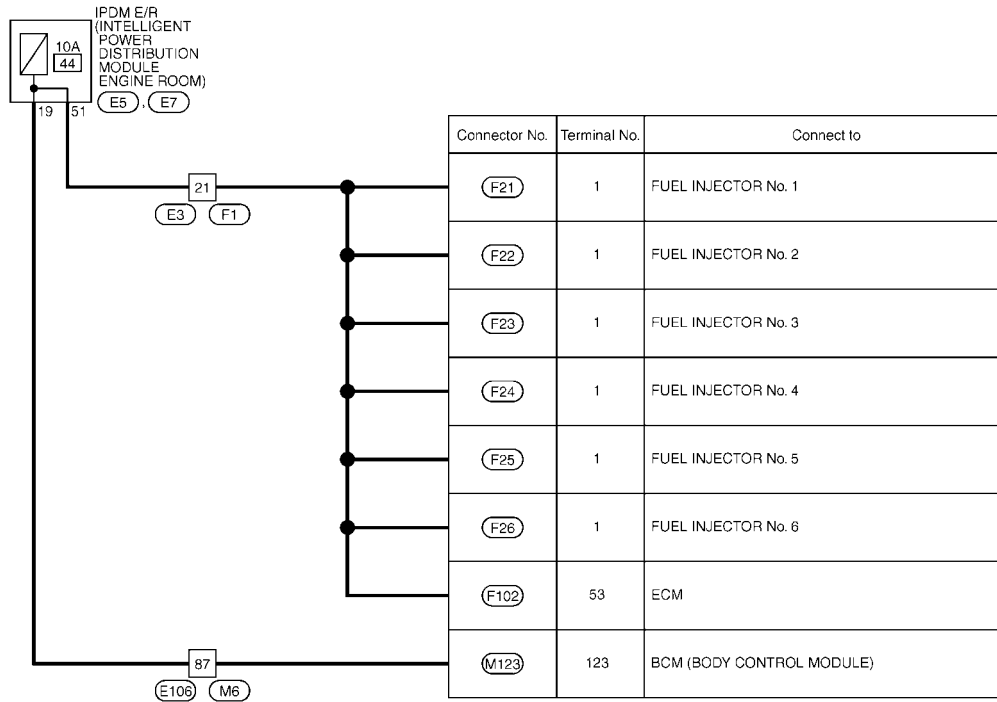
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000004343226

IGNITION POWER SUPPLY FUSE No. 44



2008/08/28

JCMWA3212GB

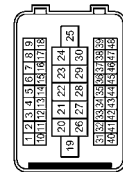
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS10-SJZ2



POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F24
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY



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

Connector No.	F25
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



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

Connector No.	F26
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS02FGY



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

Connector No.	F102
Connector Name	ECM
Connector Type	RH4GFER-128-1 LH-Z



96	92	88	84	80	76	72	68	64	60	56	52
95	91	87	83	79	75	71	67	63	59	55	51
94	90	86	82	78	74	70	66	62	58	54	50
93	89	85	81	77	73	69	65	61	57	53	49

Terminal No.	53
Color of Wire	P
Signal Name [Specification]	IGN SW

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH03MW-CS16-TM4



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

POWER SUPPLY ROUTING CIRCUIT

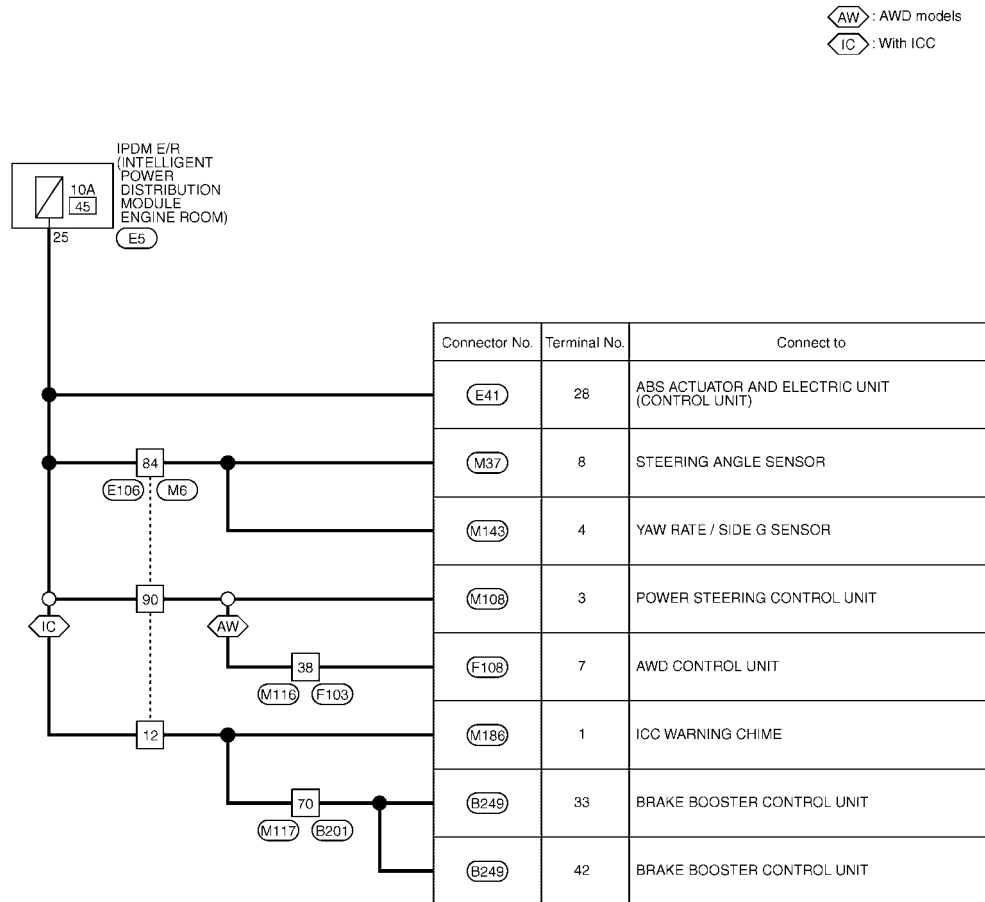
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000004343227

IGNITION POWER SUPPLY FUSE No. 45



2008/08/28

JCMWA3215GB

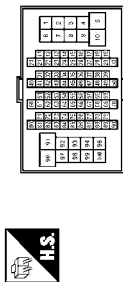
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

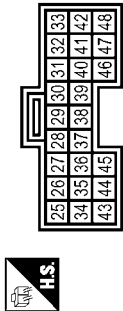
IGNITION POWER SUPPLY FUSE No. 45

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



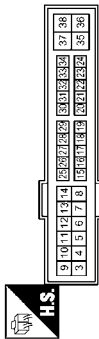
Terminal No.	70
Color of Wire	G
Signal Name [Specification]	-

Connector No.	B249
Connector Name	BRAKE BOOSTER CONTROL UNIT
Connector Type	TK24FGY



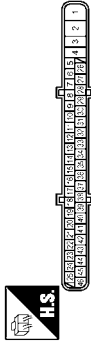
Terminal No.	33
Color of Wire	G
Signal Name [Specification]	IGNITION
Terminal No.	42
Color of Wire	G
Signal Name [Specification]	IGNITION

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



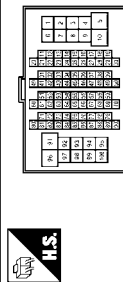
Terminal No.	25
Color of Wire	G
Signal Name [Specification]	-

Connector No.	E41
Connector Name	AES ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	B4442FB-AH24-LH



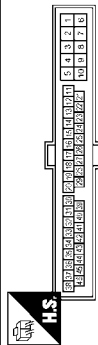
Terminal No.	28
Color of Wire	G
Signal Name [Specification]	UZ

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



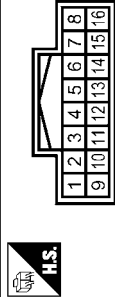
Terminal No.	12
Color of Wire	G
Signal Name [Specification]	-
Terminal No.	84
Color of Wire	G
Signal Name [Specification]	-
Terminal No.	90
Color of Wire	G
Signal Name [Specification]	-

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



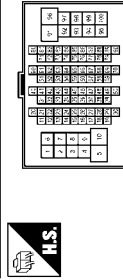
Terminal No.	38
Color of Wire	G
Signal Name [Specification]	-

Connector No.	F108
Connector Name	AWD CONTROL UNIT
Connector Type	TH18FW-NH



Terminal No.	7
Color of Wire	G
Signal Name [Specification]	IGN

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



Terminal No.	12
Color of Wire	G
Signal Name [Specification]	-
Terminal No.	84
Color of Wire	G
Signal Name [Specification]	-
Terminal No.	90
Color of Wire	G
Signal Name [Specification]	-

JCMWA3216GB

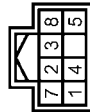
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

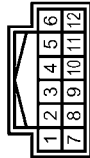
IGNITION POWER SUPPLY FUSE No. 45

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



Terminal No.	8
Color of Wire	G
Signal Name [Specification]	IGN

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



Terminal No.	3
Color of Wire	G
Signal Name [Specification]	IGN

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MW-NS/D



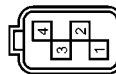
Terminal No.	38
Color of Wire	G
Signal Name [Specification]	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TK40MH-GS/6-TM4



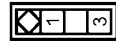
Terminal No.	70
Color of Wire	G
Signal Name [Specification]	-

Connector No.	M143
Connector Name	YAW RATE / SIDE G SENSOR
Connector Type	AA204FB



Terminal No.	4
Color of Wire	G
Signal Name [Specification]	12V

Connector No.	M185
Connector Name	ICC WARNING CHIME
Connector Type	AG3FW



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

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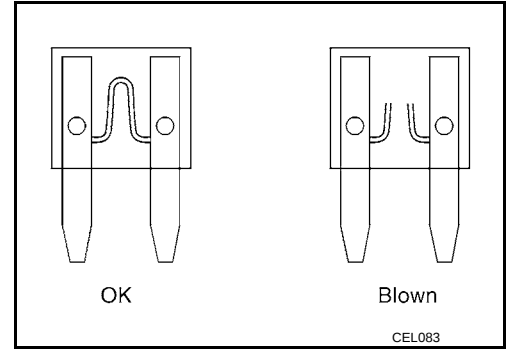
PG

JCMWA3217GB

Fuse

INFOID:000000004343228

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



Fusible Link

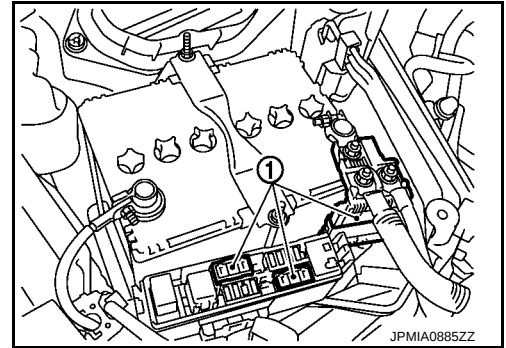
INFOID:000000004343229

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:

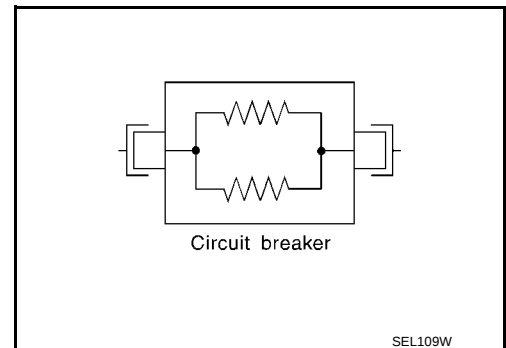
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:000000004343230

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.



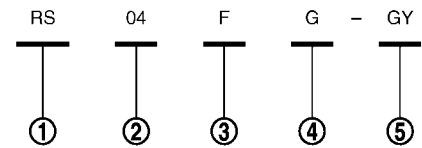
HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000004343231

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

Example:



JPMIA0113GB

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
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K
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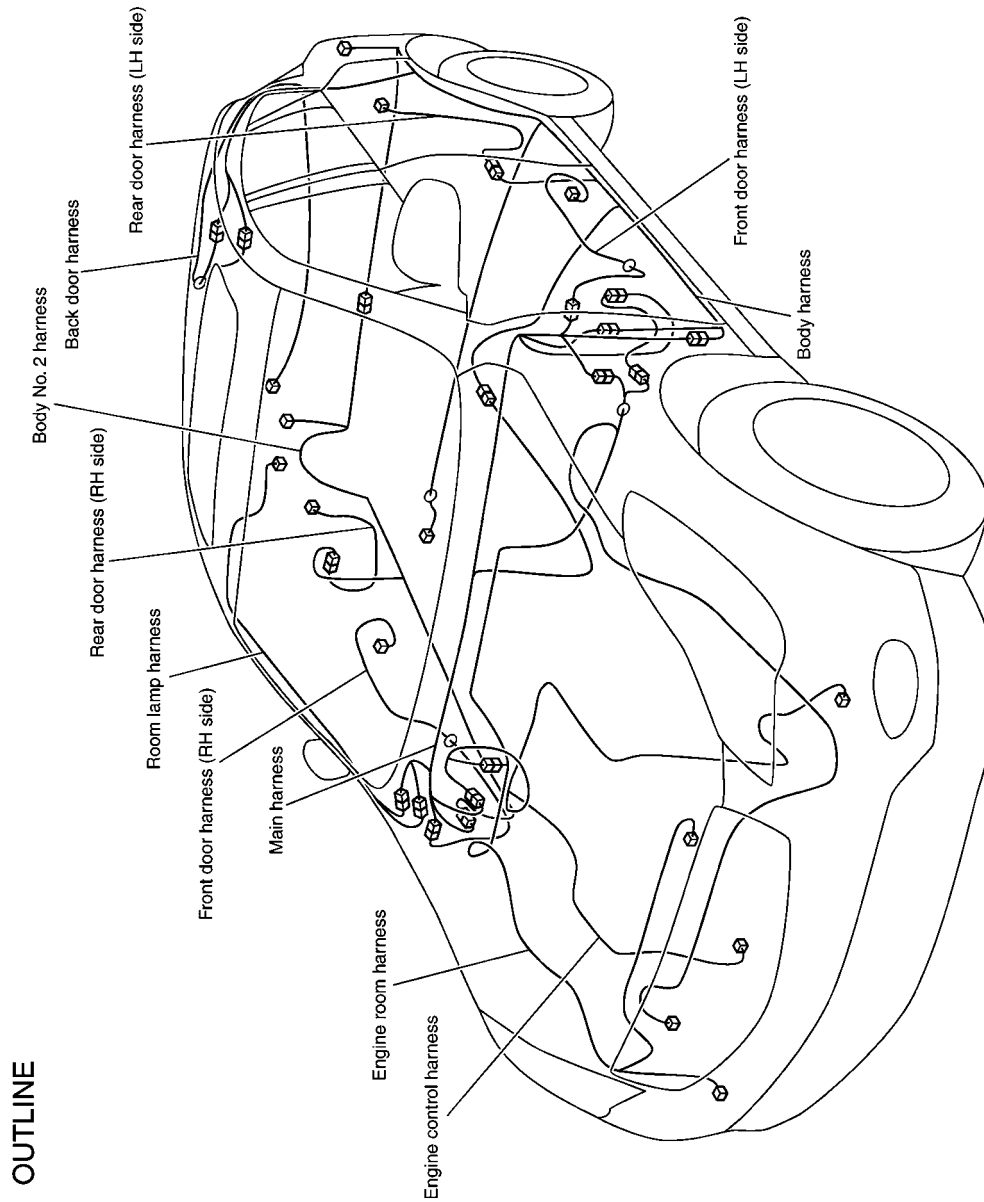
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Outline

INFOID:000000004343232



2008/08/28

JCMIA0441GB

HARNESS LAYOUT

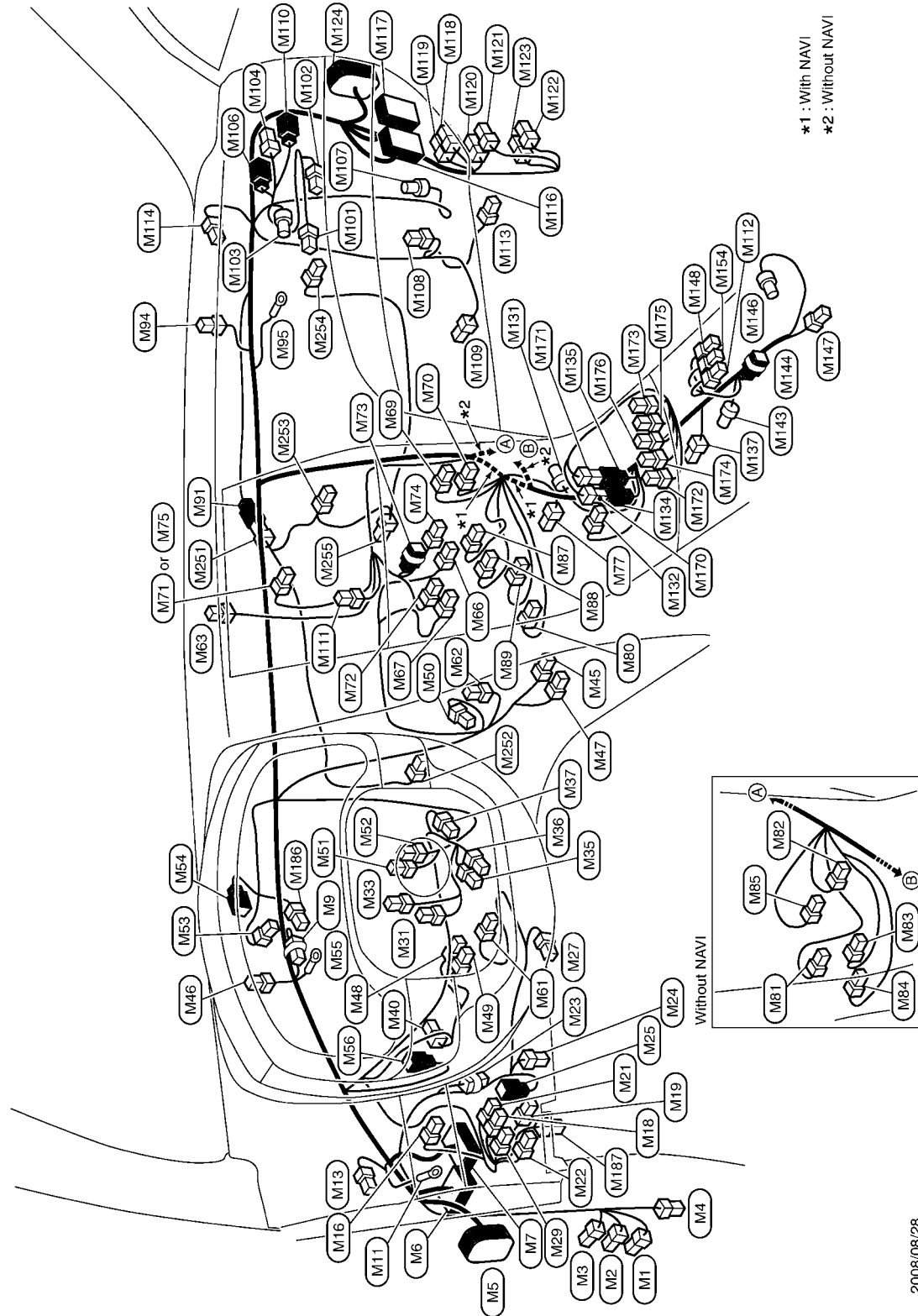
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000004343233

MAIN HARNESS



2008/08/28

JCMIA0442GB

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HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

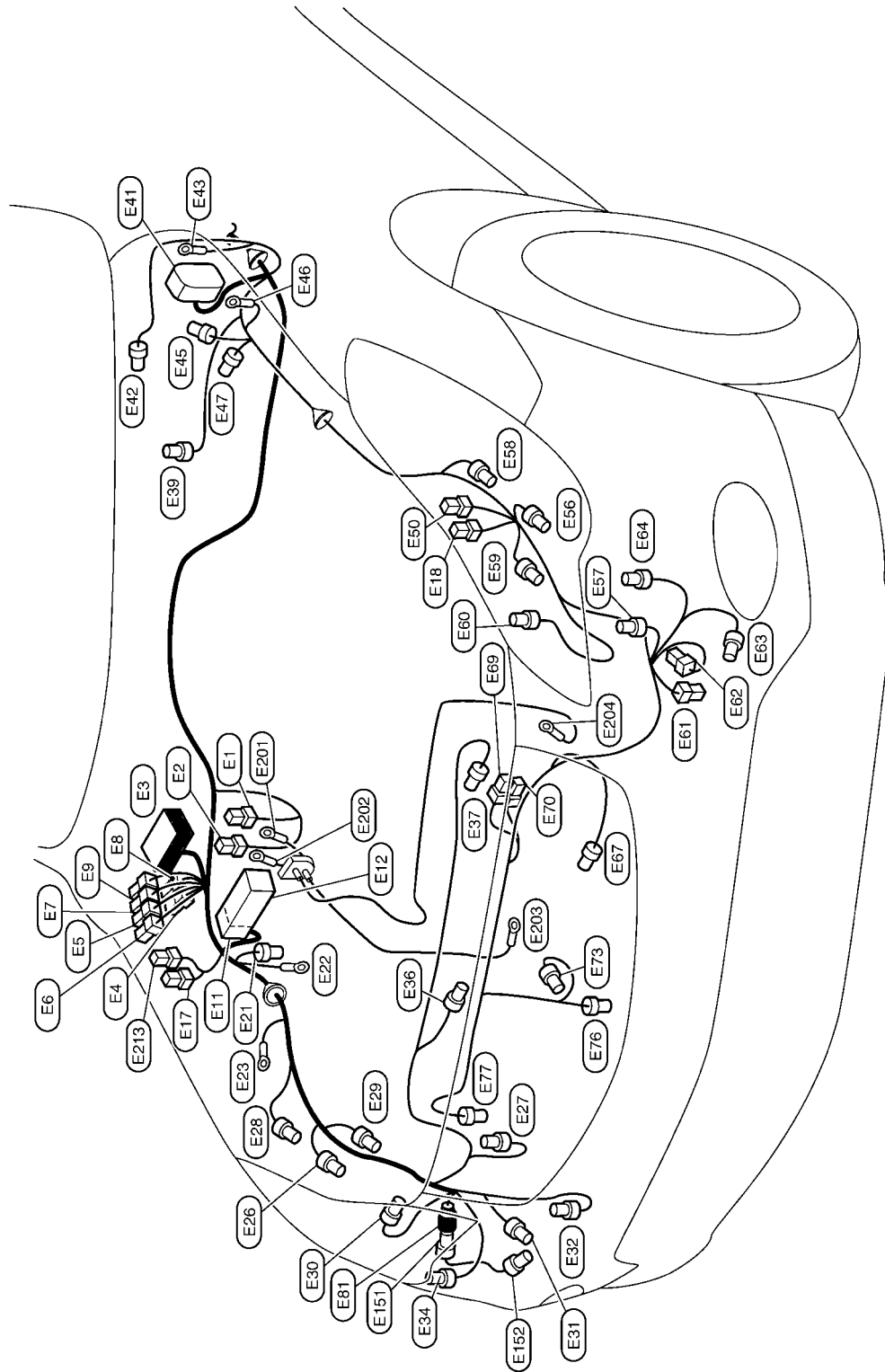
[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000004343234

ENGINE COMPARTMENT

ENGINE ROOM HARNESS /
Engine Compartment



2008/08/28

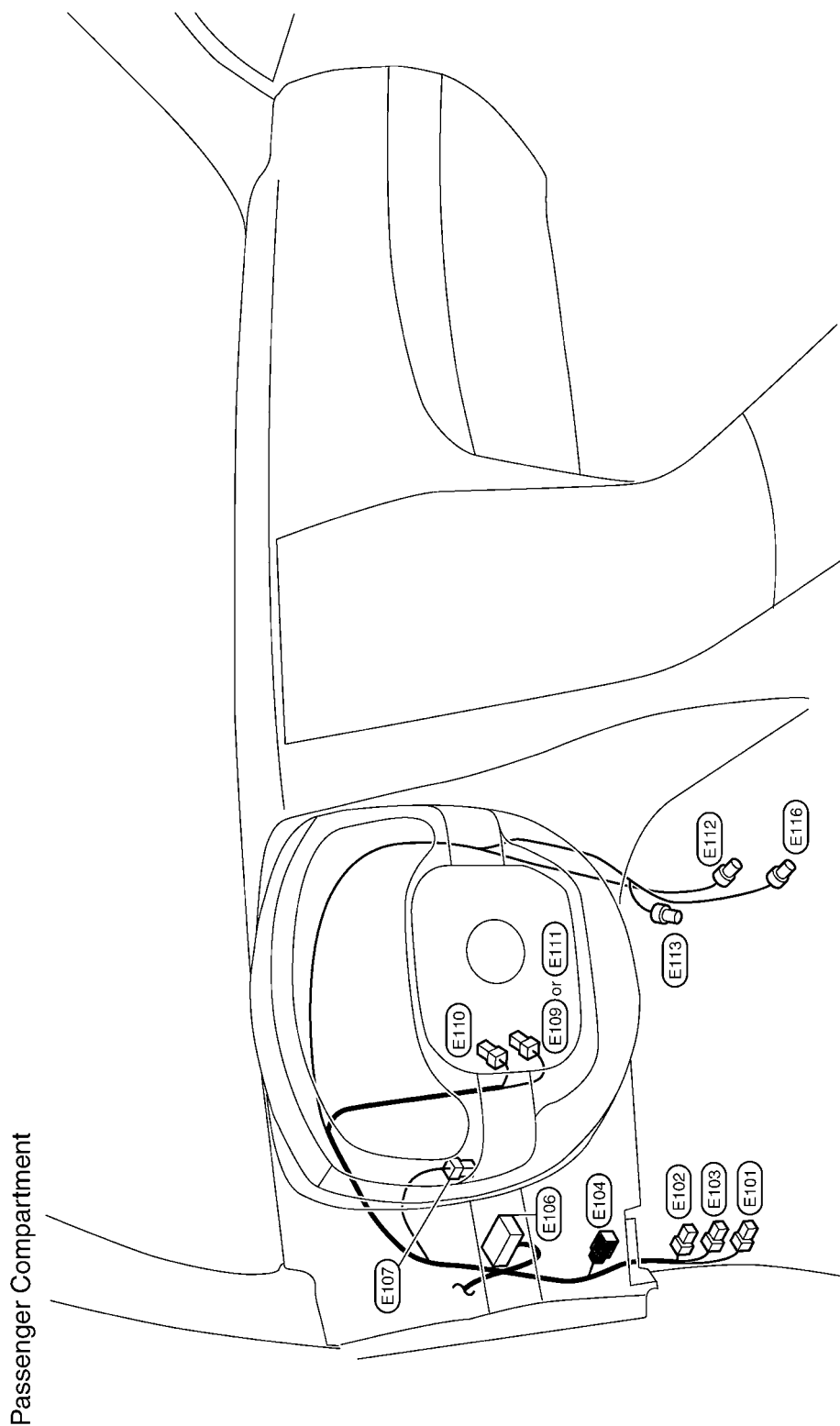
JCMIA0443GB

HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



2008/08/28

JCMIA0444GB

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HARNESS LAYOUT

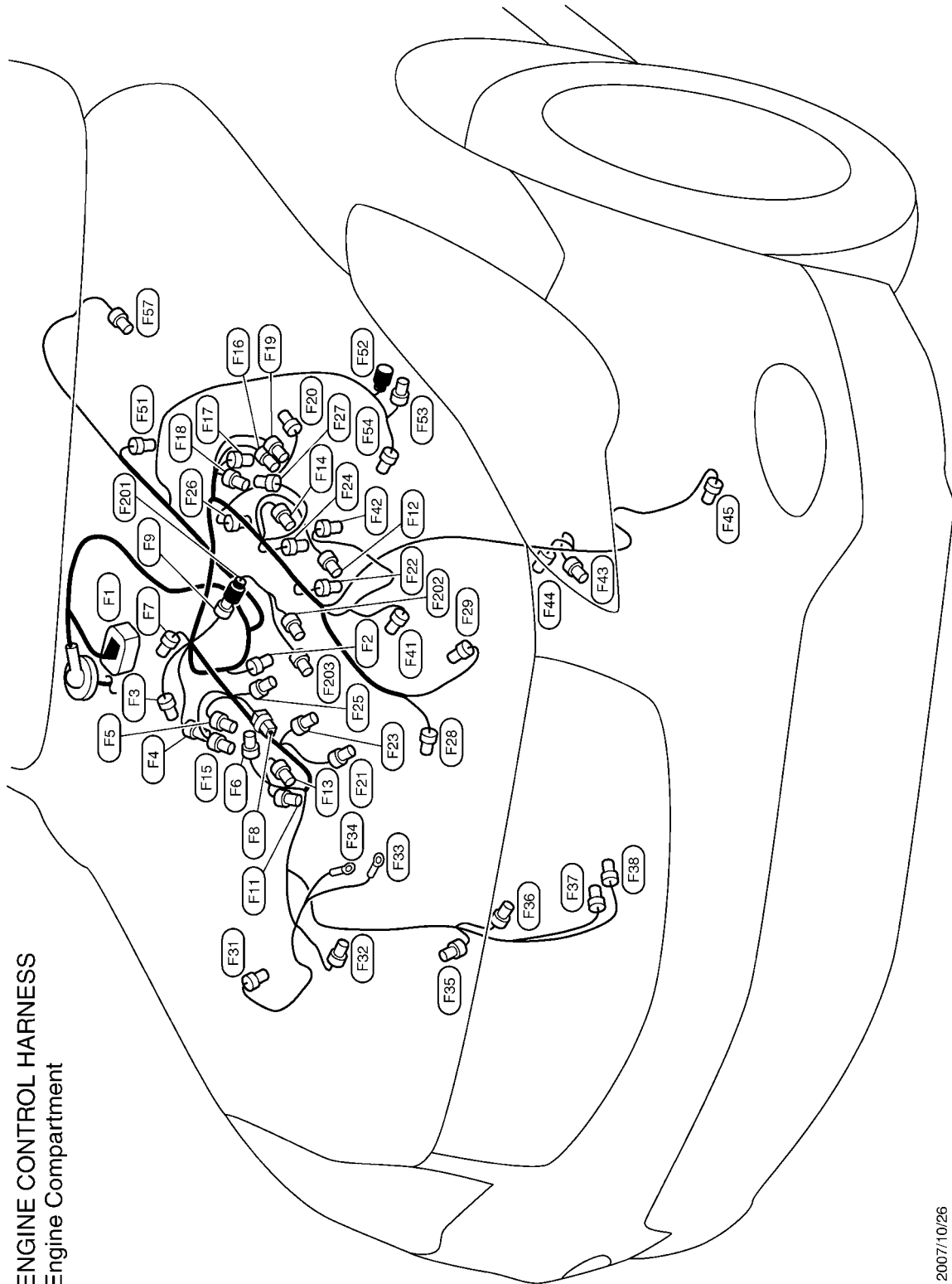
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[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness

INFOID:000000004343235

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS
Engine Compartment

2007/10/26

JCMIM0275GB

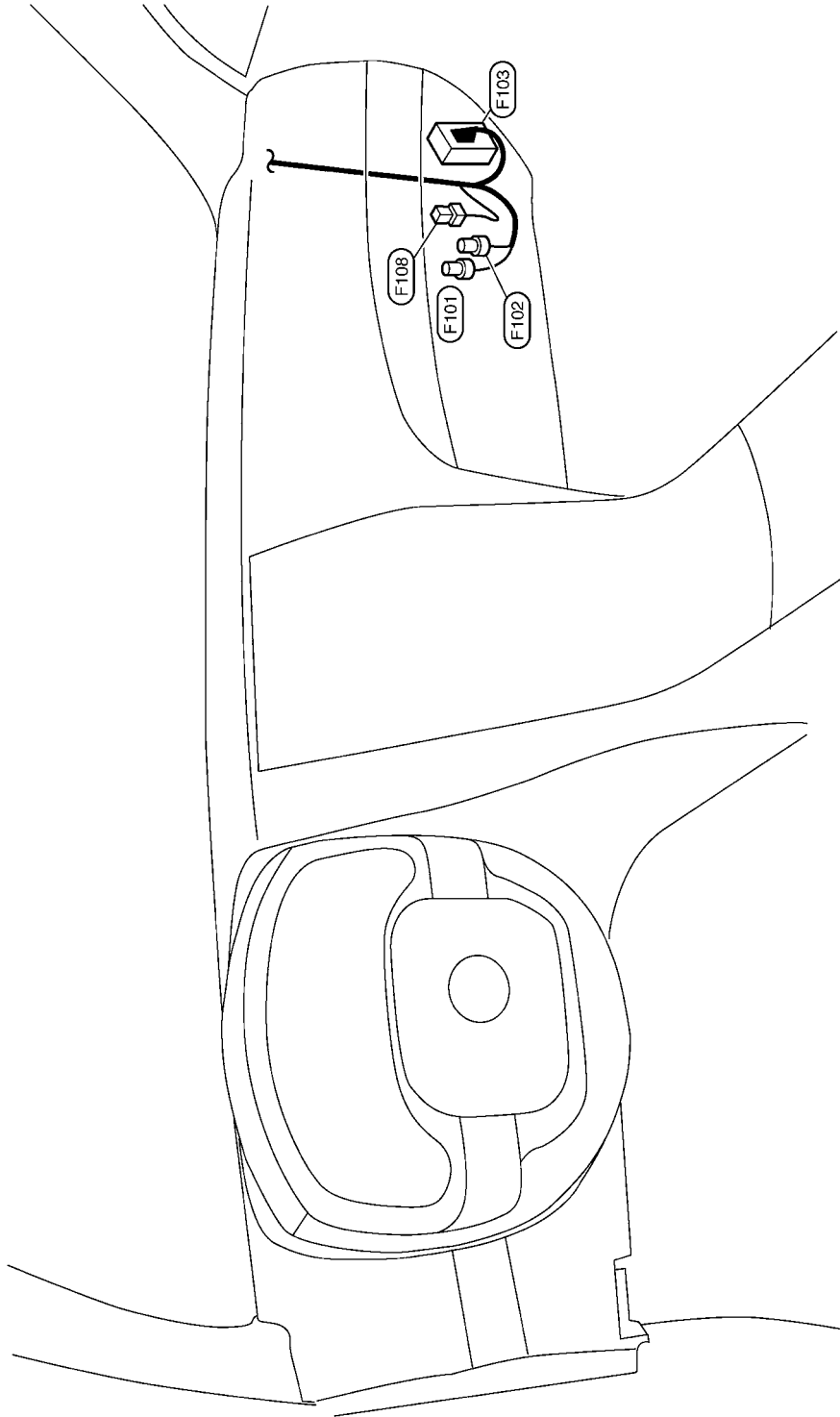
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



2008/08/28

JCMIA0445GB

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HARNESS LAYOUT

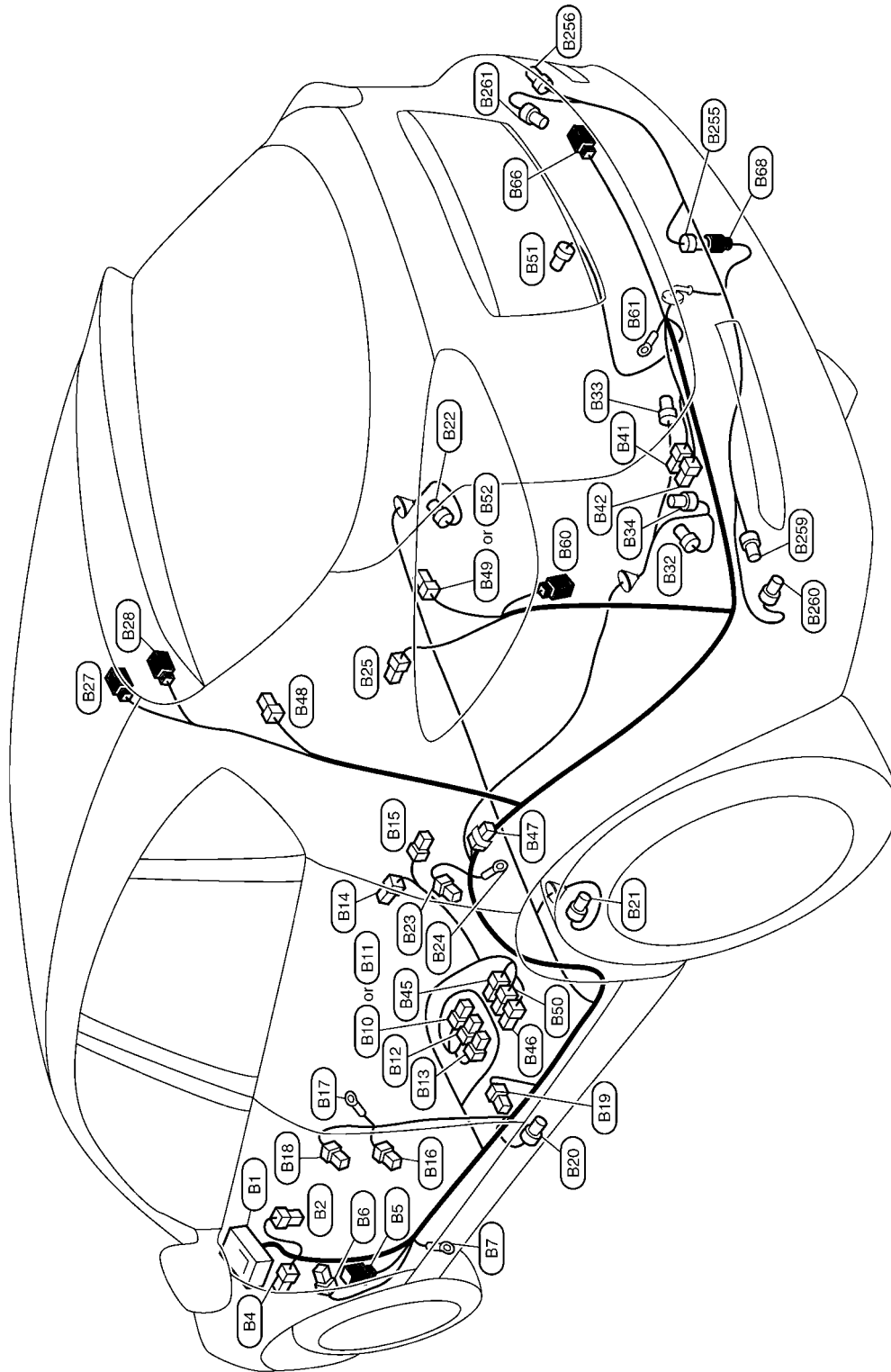
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[POWER SUPPLY & GROUND CIRCUIT]

Body Harness

INFOID:000000004343236

BODY HARNESS



2008/08/28

JCMIA0446GB

HARNESS LAYOUT

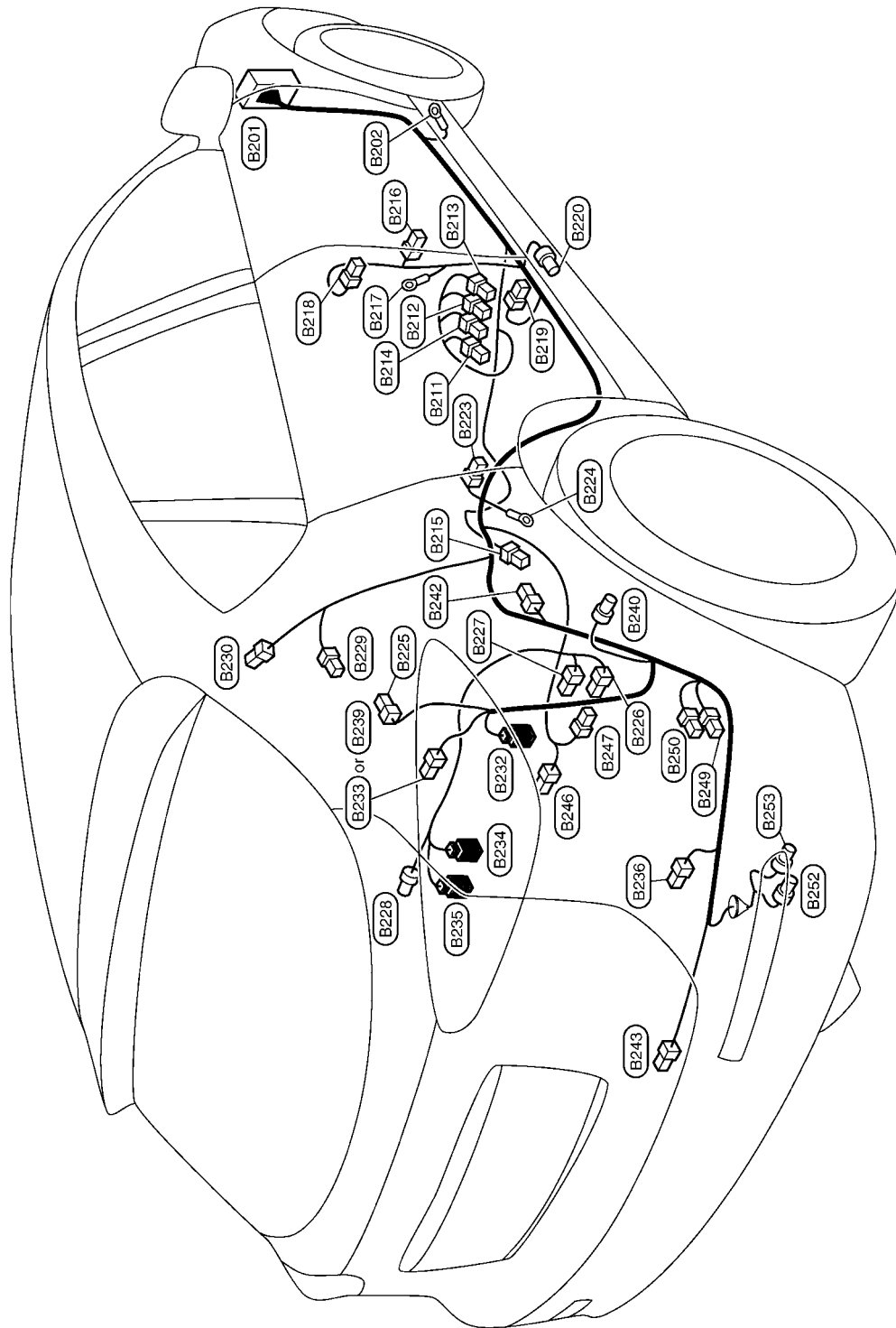
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000004343237

BODY No. 2 HARNESS



2008/08/28

JCM/A0447GB

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HARNESS LAYOUT

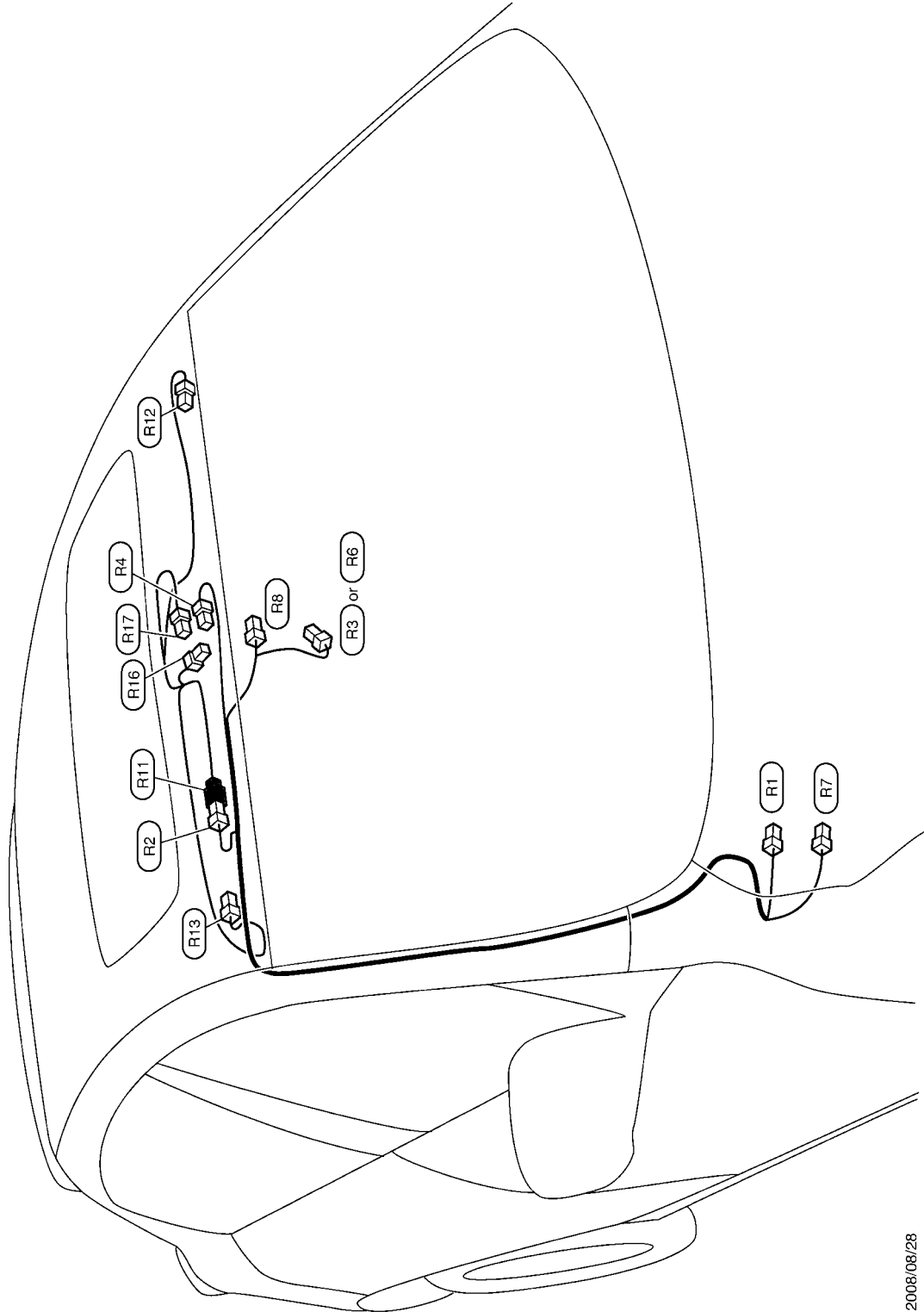
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[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000004343238

ROOM LAMP HARNESS



2008/08/28

JCMIA0448GB

HARNESS LAYOUT

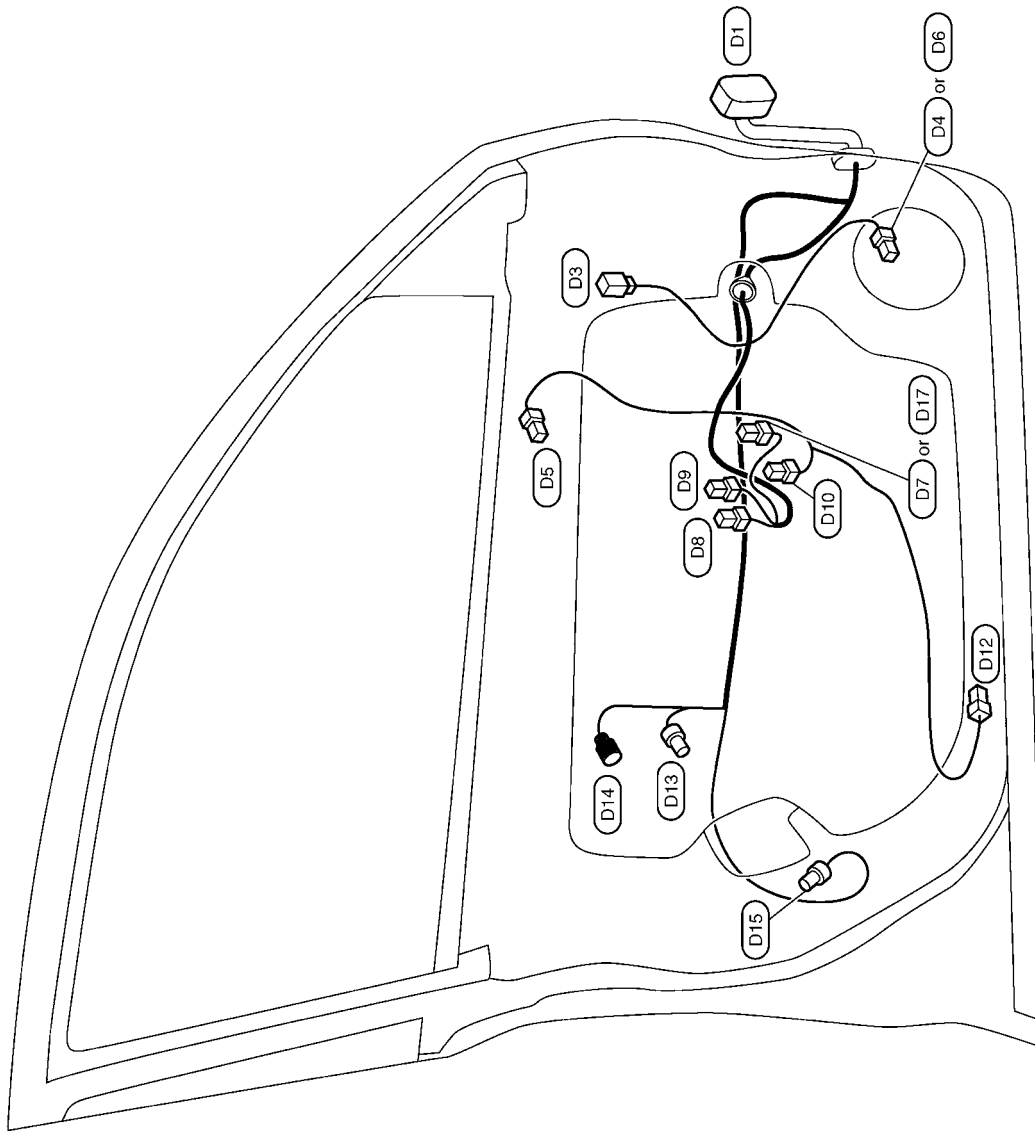
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[POWER SUPPLY & GROUND CIRCUIT]

Front Door Harness (LH Side)

INFOID:000000004343239

FRONT DOOR HARNESS (LH SIDE)



2007/10/26

JCMIM0280GB

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HARNESS LAYOUT

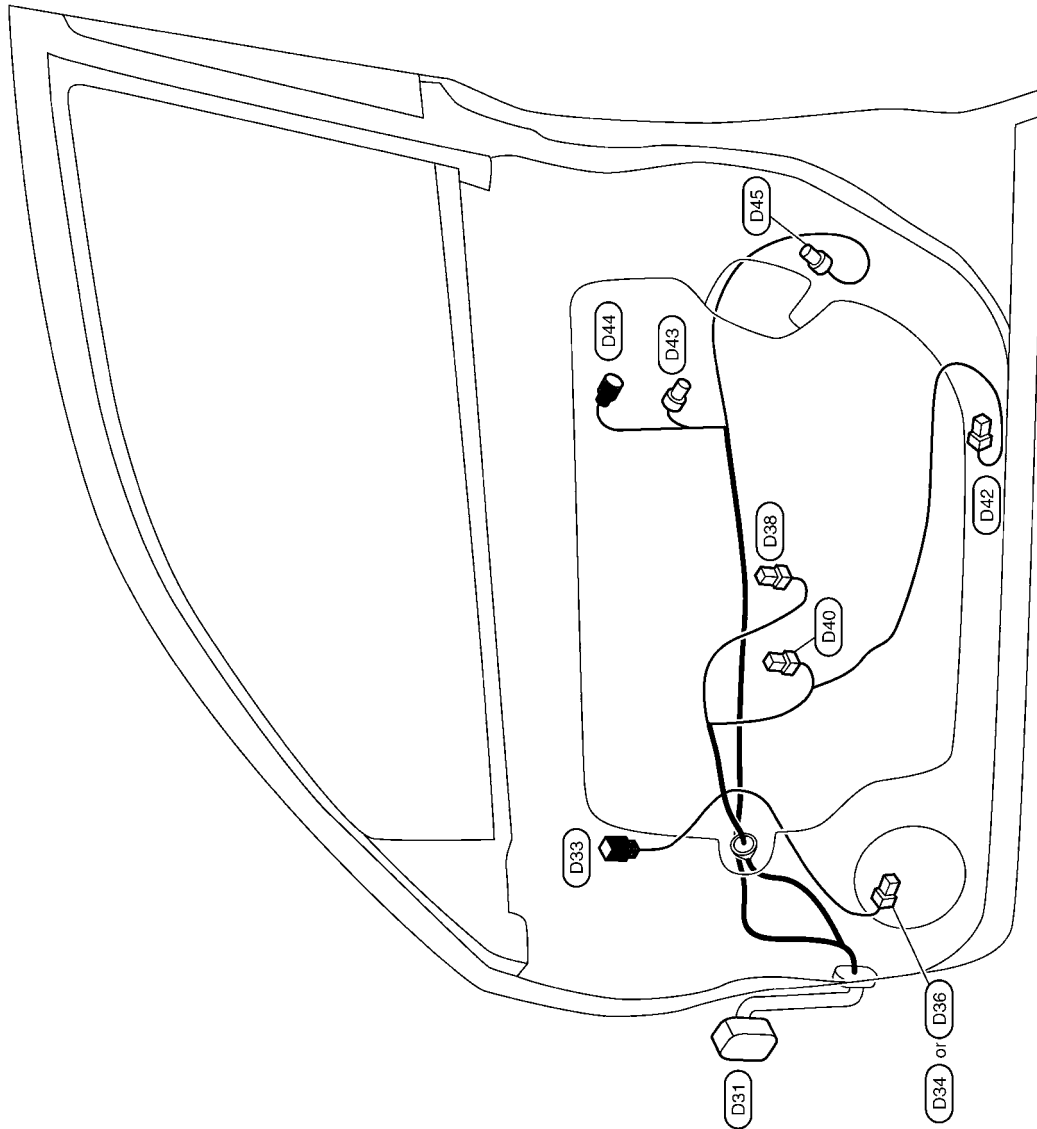
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[POWER SUPPLY & GROUND CIRCUIT]

Front Door Harness (RH Side)

INFOID:000000004343240

FRONT DOOR HARNESS (RH SIDE)



2007/10/26

JCMIM0281GB

HARNESS LAYOUT

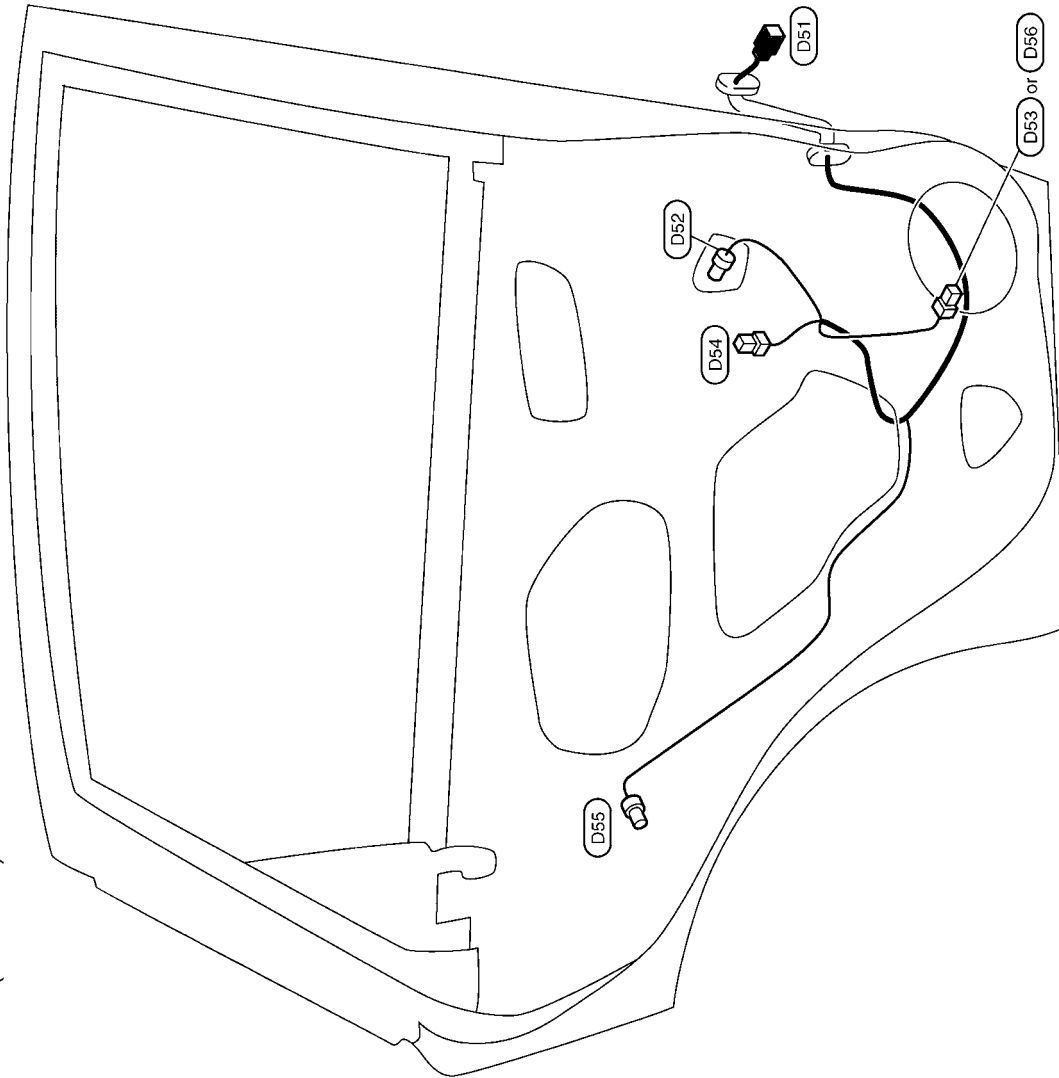
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Rear Door Harness (LH Side)

INFOID:000000004343241

REAR DOOR HARNESS (LH SIDE)



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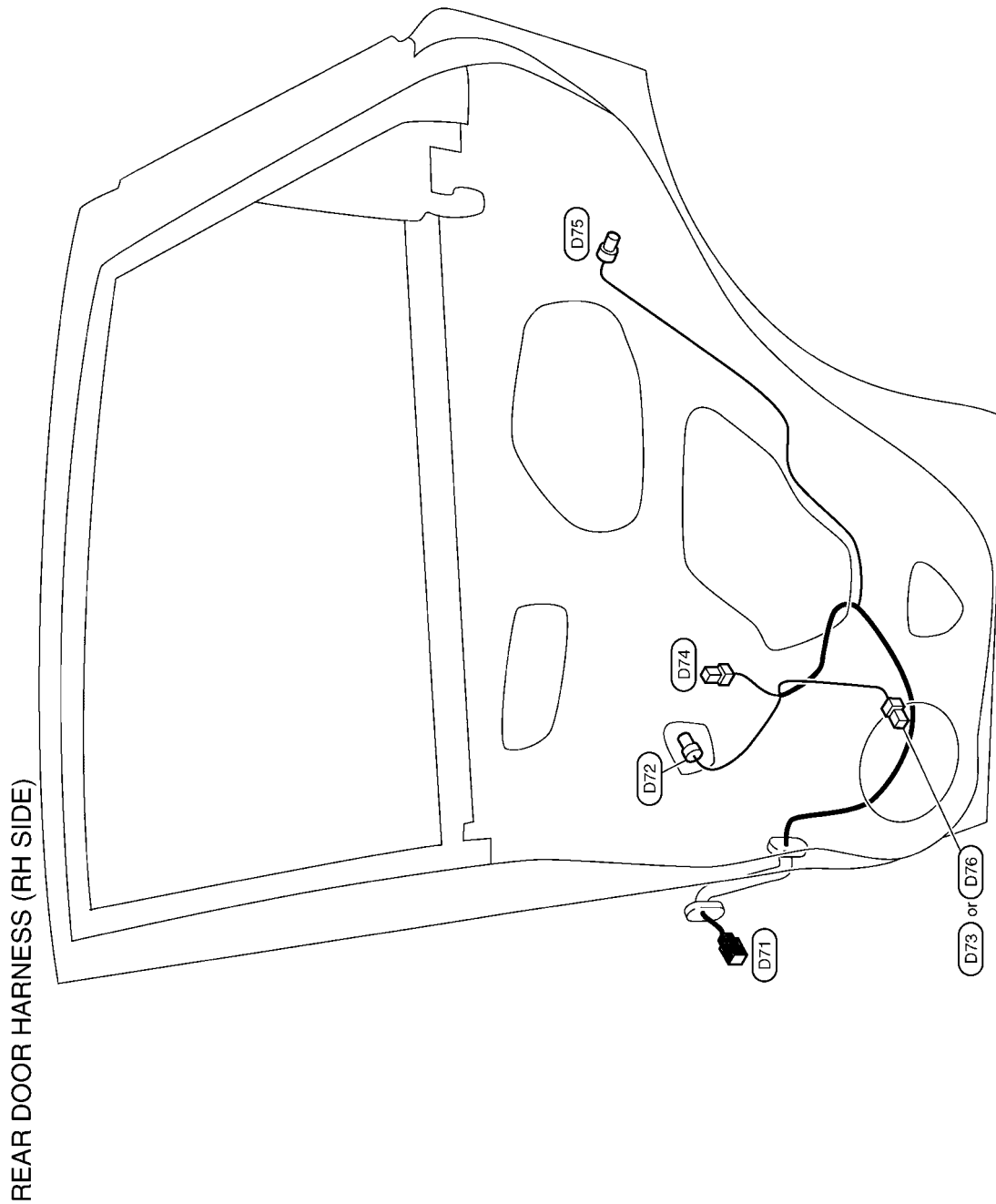
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Rear Door Harness (RH Side)

INFOID:000000004343242



2007/10/26

JCMIM0283GB

HARNESS LAYOUT

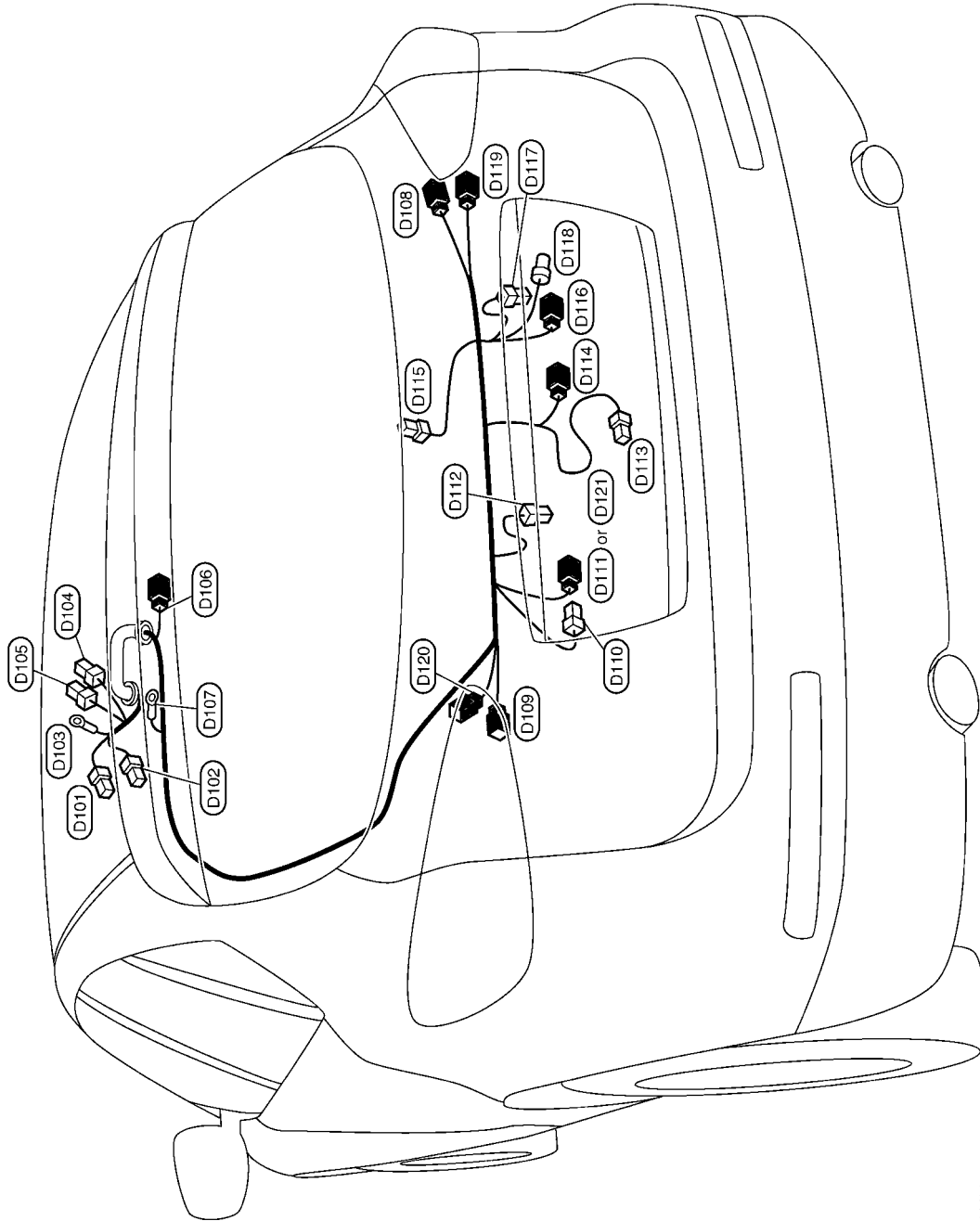
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Back Door Harness

INFOID:000000004343243

BACK DOOR HARNESS



2007/10/26

JCMIM0284GB

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HARNESS CONNECTOR

Description

INFOID:000000004343244

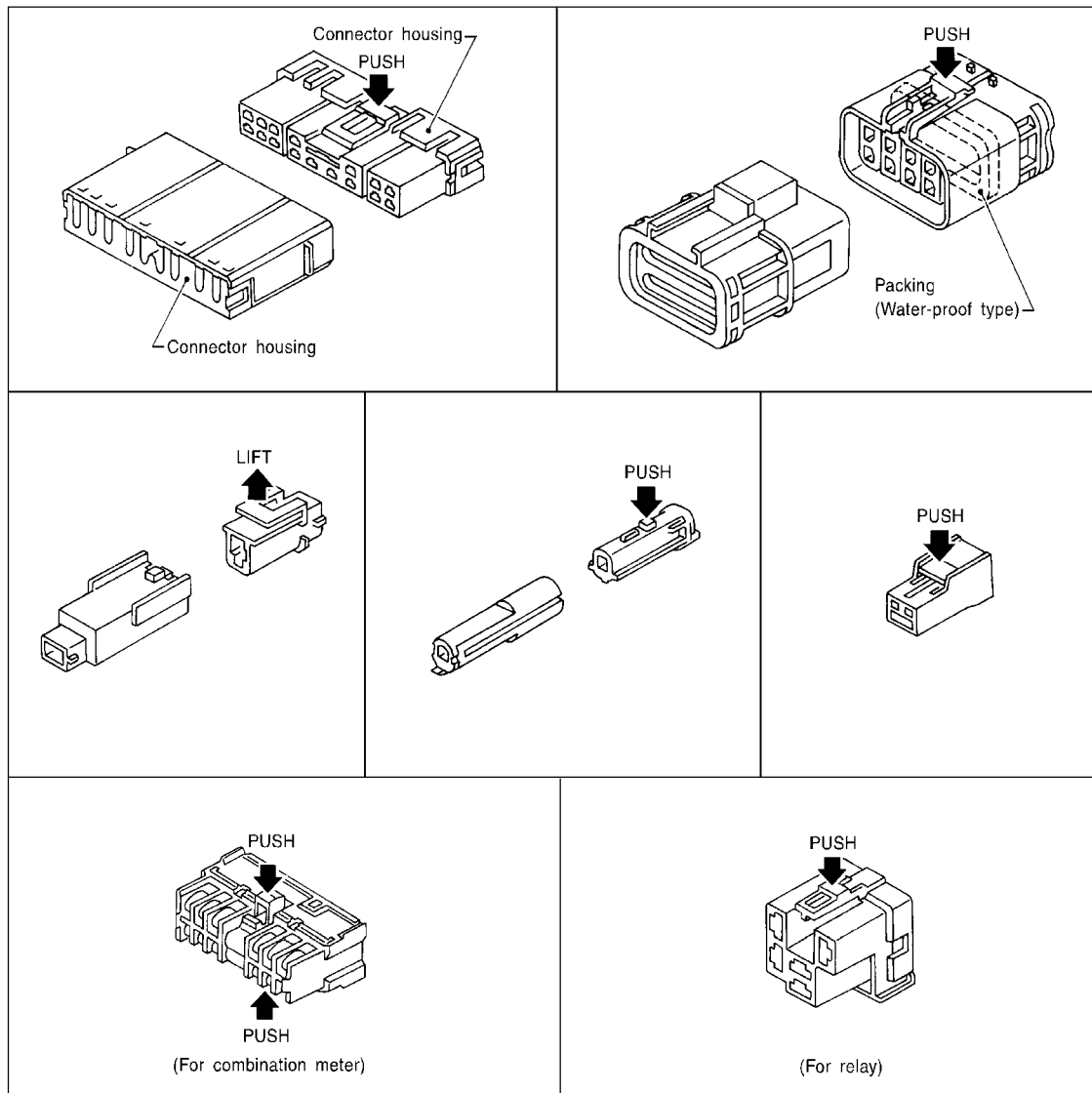
HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

HARNESS CONNECTOR

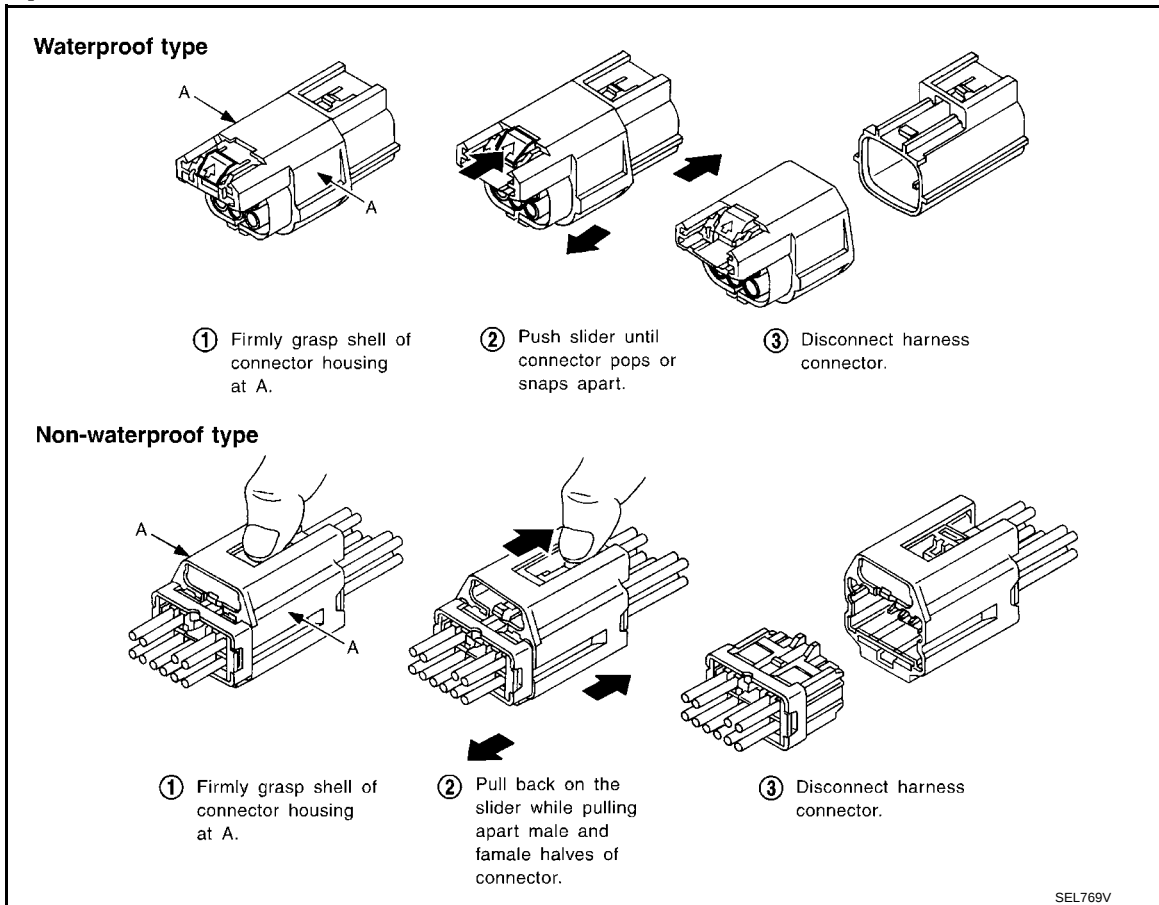
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

CAUTION:

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

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

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

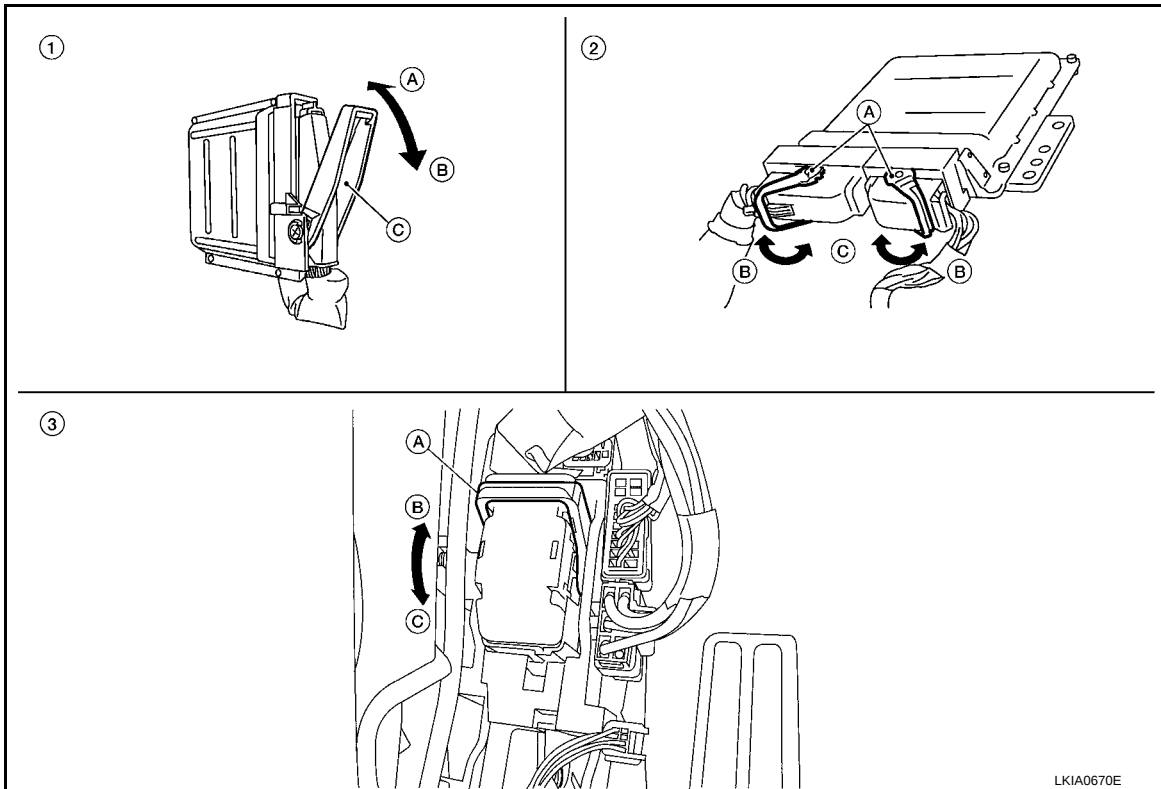
CAUTION:

HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Always confirm the lever is fully released (loosened) before attempting to disconnect or connect these connectors to avoid damage to the connector housing or terminals.



- | | | |
|-----------------------------------|----------------------------------|------------------|
| 1. Control unit with single lever | 2. Control unit with dual levers | 3. SMJ connector |
| A. Fasten | A. Levers | A. Lever |
| B. Loosen | B. Fasten | B. Fasten |
| C. Lever | C. Loosen | C. Loosen |

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

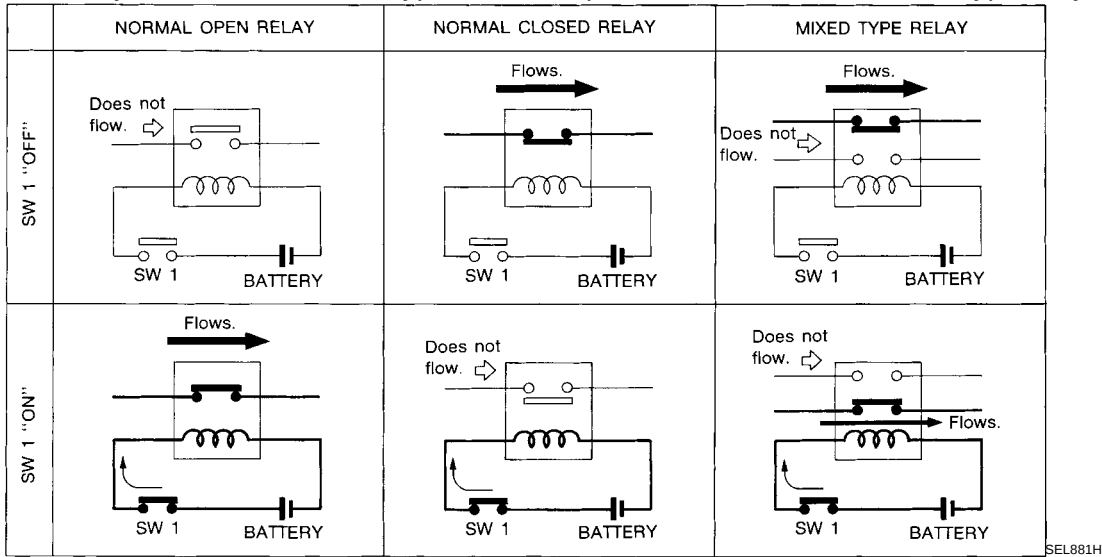
STANDARDIZED RELAY

Description

INFOID:000000004343245

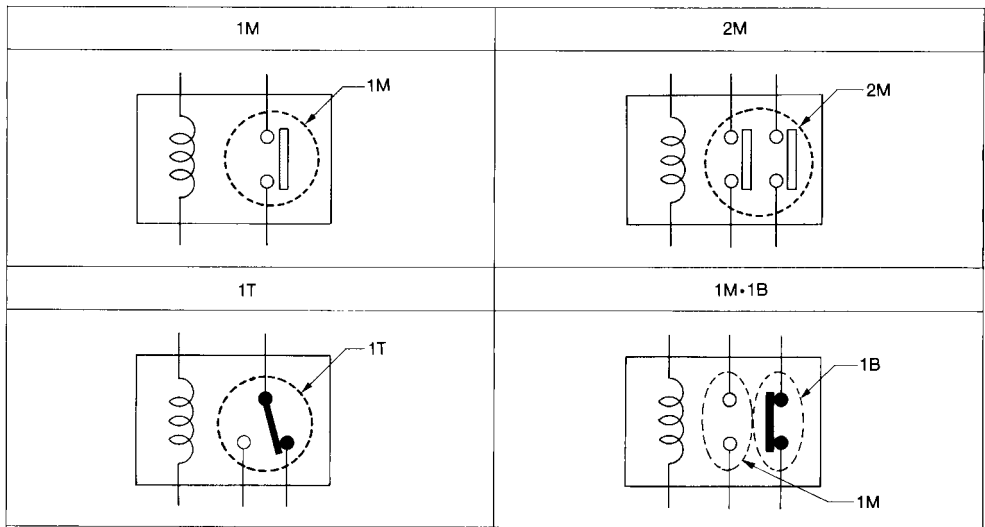
NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



TYPE OF STANDARDIZED RELAYS

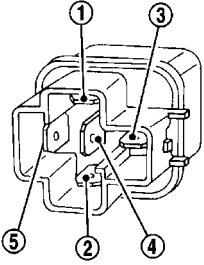
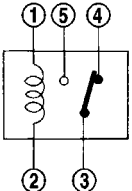
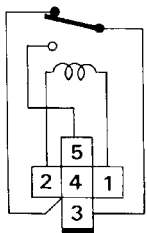
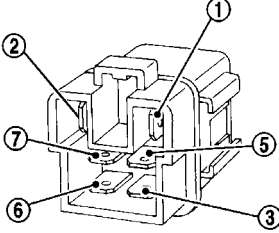
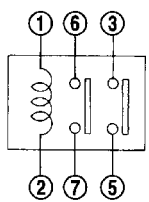
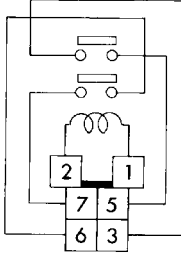
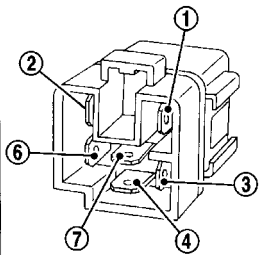
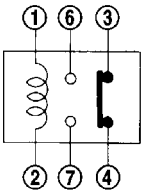
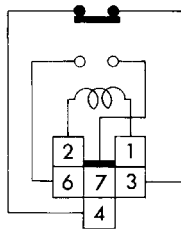
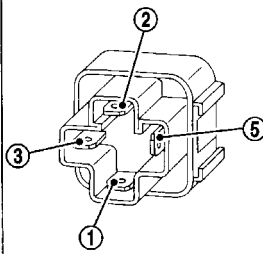
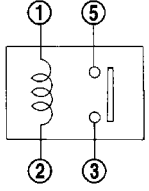
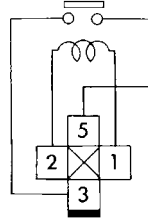
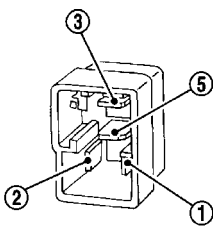
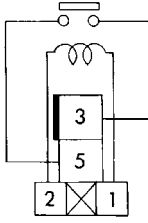
1M 1 Make
1T 1 Transfer
2M 2 Make
1M-1B 1 Make 1 Break



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)

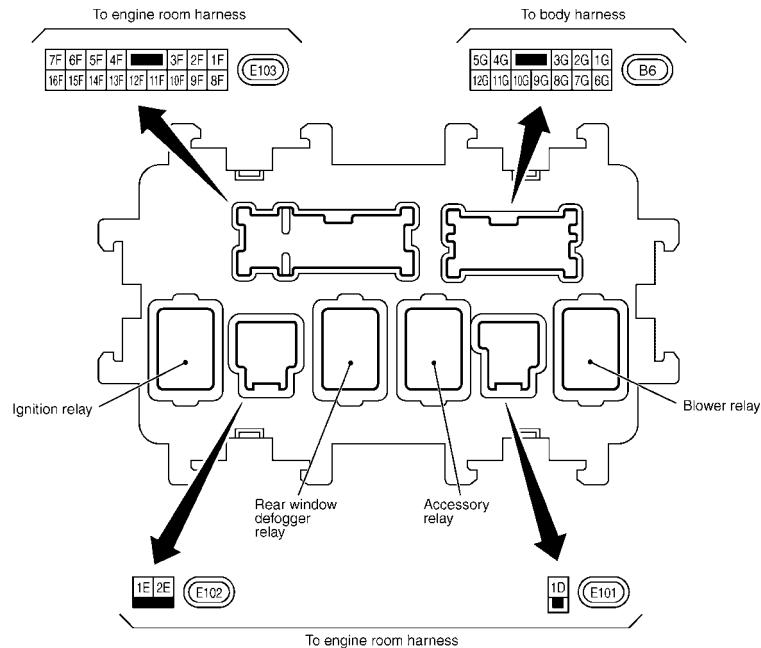
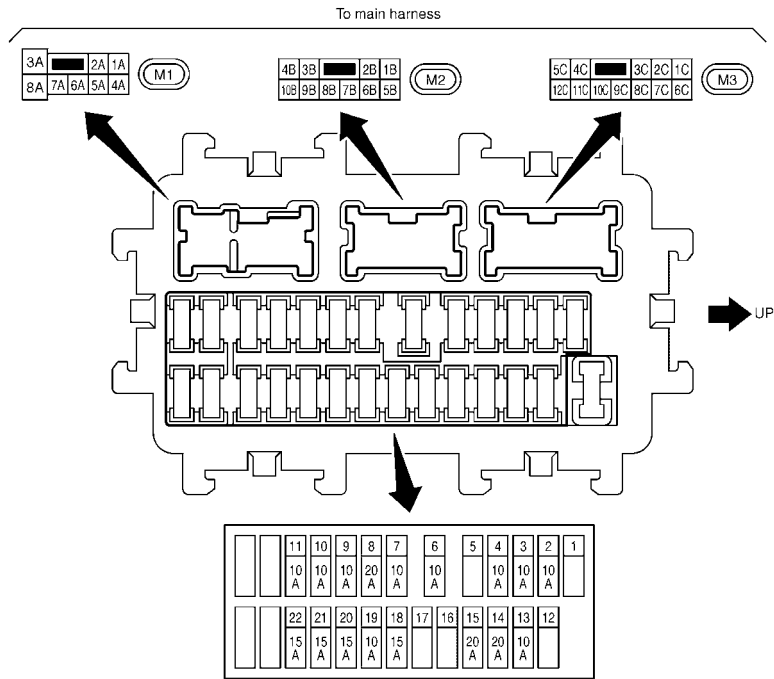
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000004343246



2008/08/28

JCMWA3218GB

FUSE, FUSIBLE LINK AND RELAY BOX

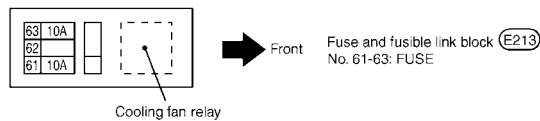
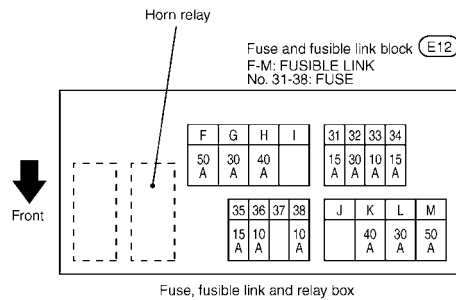
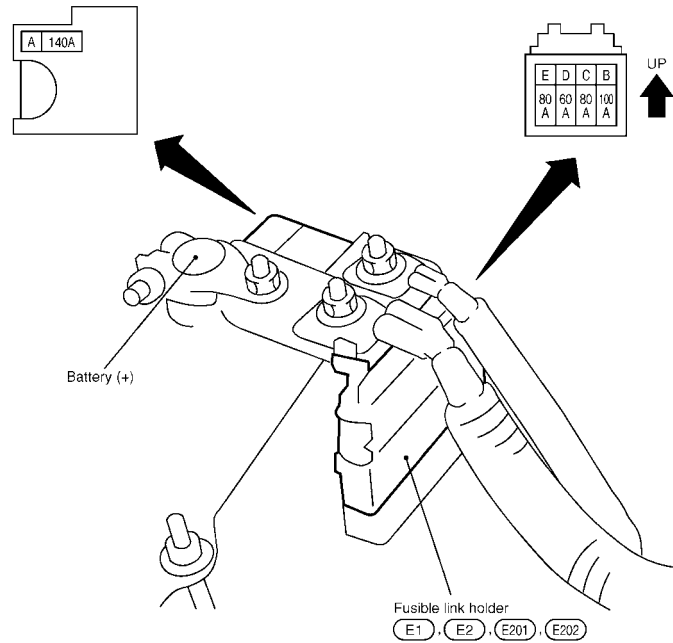
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000004343247



2008/08/28

JCMWA3219GB

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

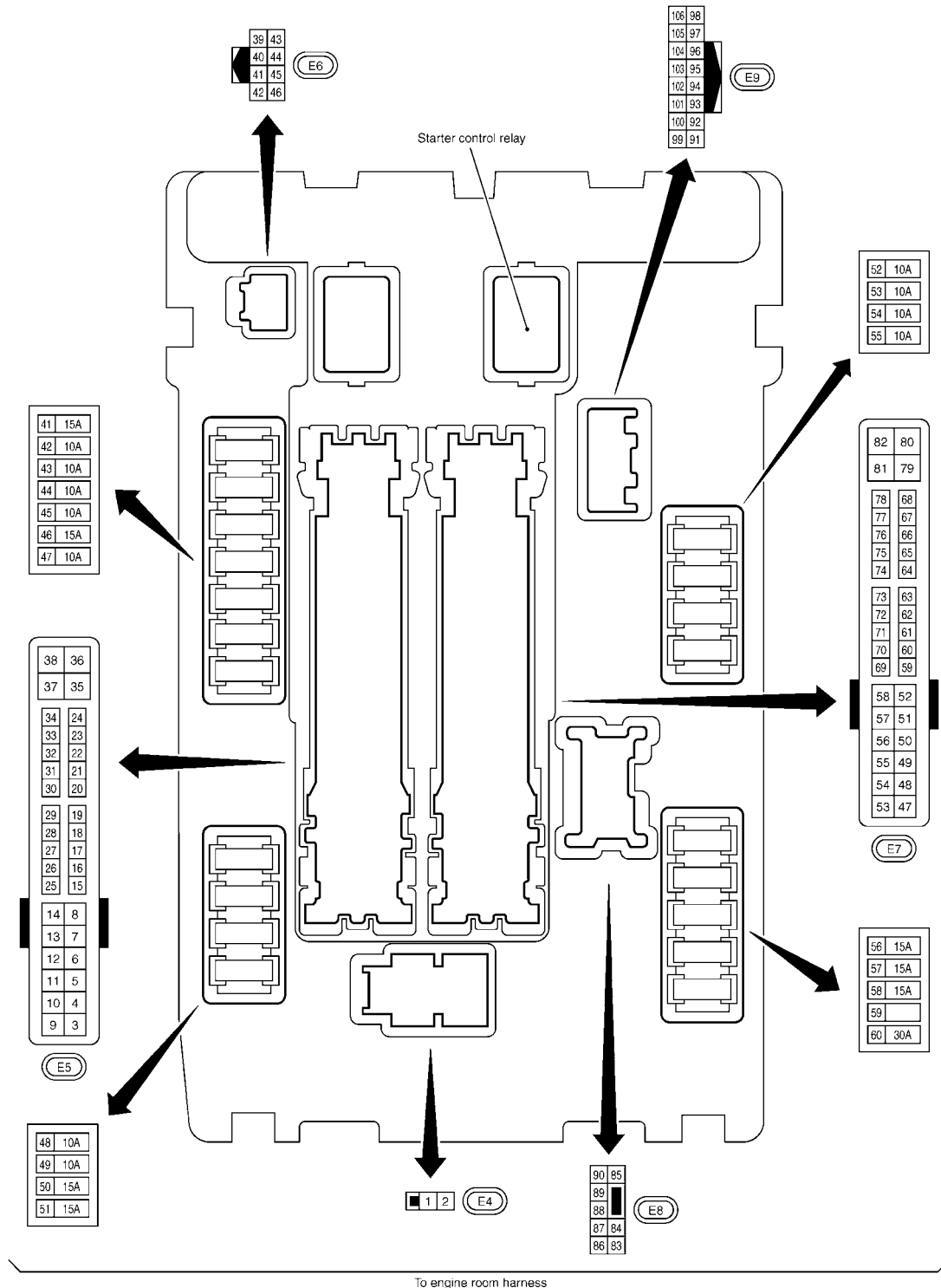
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000004343248



2008/08/28

JCMWA3220GB

PRECAUTION

PRECAUTIONS

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

INFOID:000000004715375

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision 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 the "SRS AIR BAG".
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

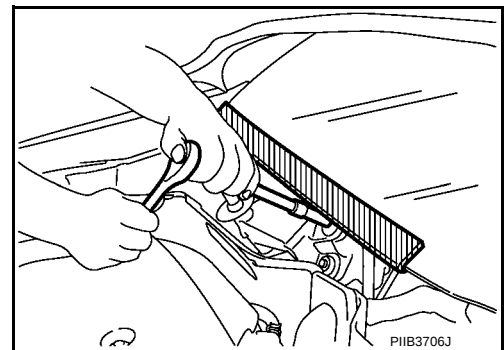
WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Precaution for Procedure without Cowl Top Cover

INFOID:000000004715376

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



PREPARATION

< PREPARATION >

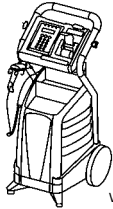
[POWER SUPPLY & GROUND CIRCUIT]

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000004343251

Tool number (Kent-Moore No.) Tool name	Description
— (J-48087) Battery Service Center  WKIA5280E	Tests battery. For operating instructions, refer to Technical Service Bulletin and Battery Service Center User Guide.

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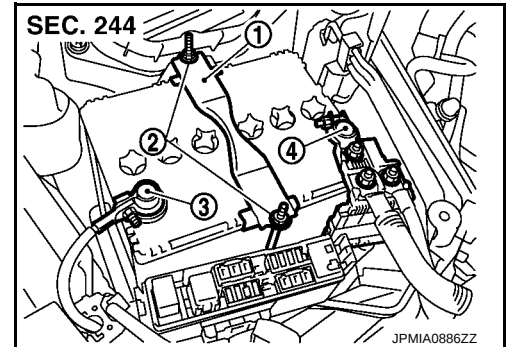
REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000004343252

- 1 : Battery fix frame
- 2 : Battery fix frame mounting nuts
- 3 : Battery terminal (-)
- 4 : Battery terminal (+)

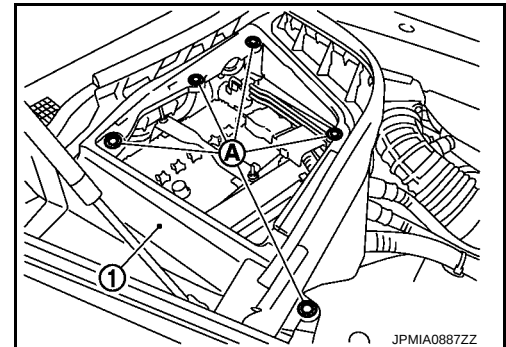


Removal and Installation

INFOID:000000004343253

REMOVAL

1. Remove battery cover.
2. Remove the clips (A), and remove hoodledge cover RH (1).

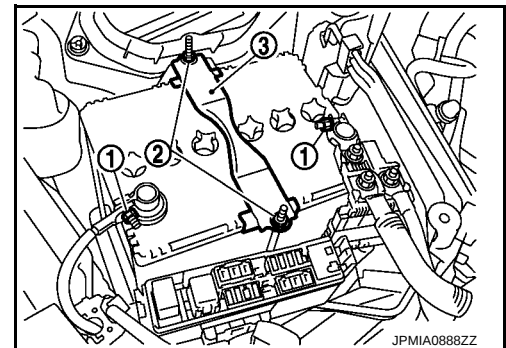


3. Remove cowl top cover RH. Refer to [EXT-22. "Exploded View"](#).
4. Remove cover of battery positive terminal.
5. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

CAUTION:

When disconnecting, disconnect the battery cable from the negative terminal first.

6. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
7. 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)

BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

Reset electronic systems as necessary. Refer to [GI-55, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

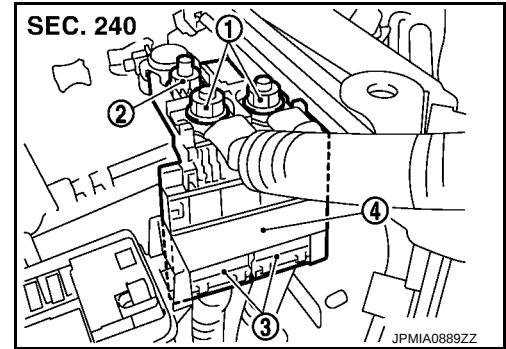
[POWER SUPPLY & GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000004343254

- 1 : Harness mounting nuts
- 2 : Fusible link holder mounting nut
- 3 : Harness connector
- 4 : Battery terminal with fusible link

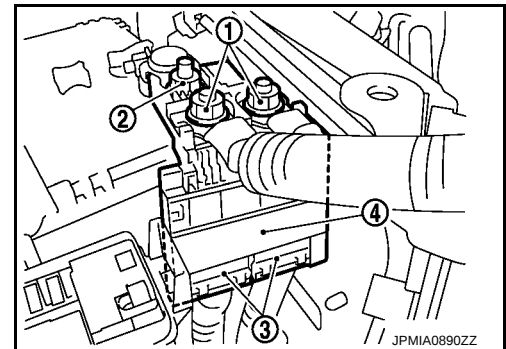


Removal and Installation

INFOID:000000004343255

REMOVAL

1. Remove battery cover.
2. Disconnect the battery cable from the negative terminal.
3. Remove cover of battery positive terminal.
4. Remove harness mounting nuts (1) and fusible link holder mounting nut (2).
5. Disconnect harness connector (3) and remove battery terminal with fusible link (4).



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

Fusible link holder mounting nut

: 13.2 N·m (1.3 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:0000000004343256

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

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