

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

BASIC INSPECTION

BATTERY

How to Handle Battery

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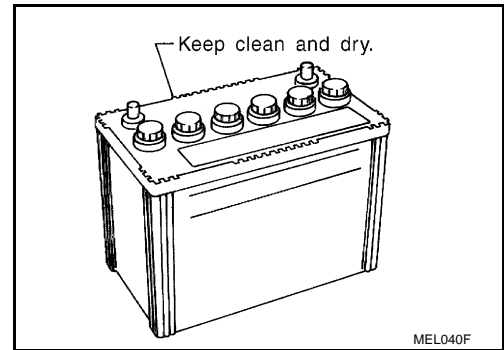
CAUTION:

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

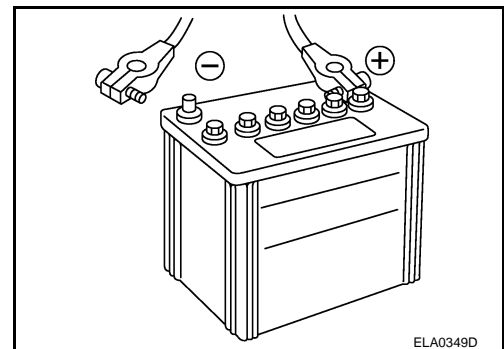
METHODS OF PREVENTING OVER-DISCHARGE

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

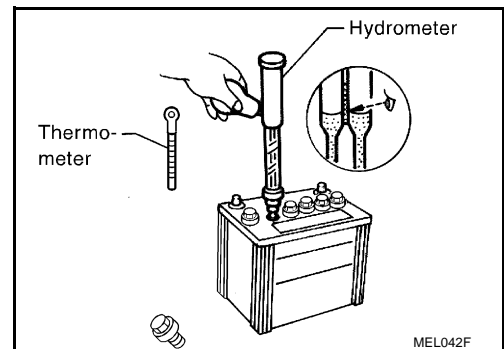
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



CHECKING ELECTROLYTE LEVEL

WARNING:

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

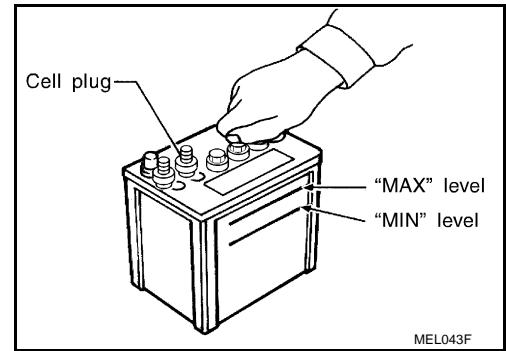
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

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

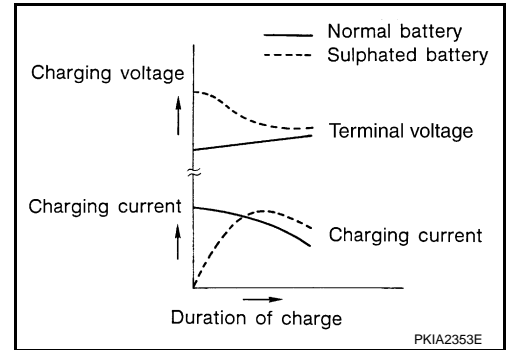


Sulphation

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

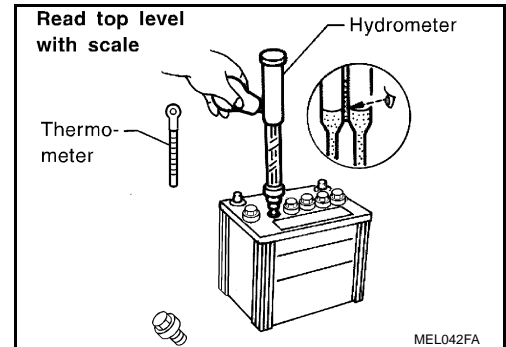
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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



SPECIFIC GRAVITY CHECK

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



Hydrometer Temperature Correction

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

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

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

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

CHARGING THE BATTERY

CAUTION:

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

Charging Rates

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

Do not charge at more than 50 ampere rate.

NOTE:

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

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

Work Flow

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TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

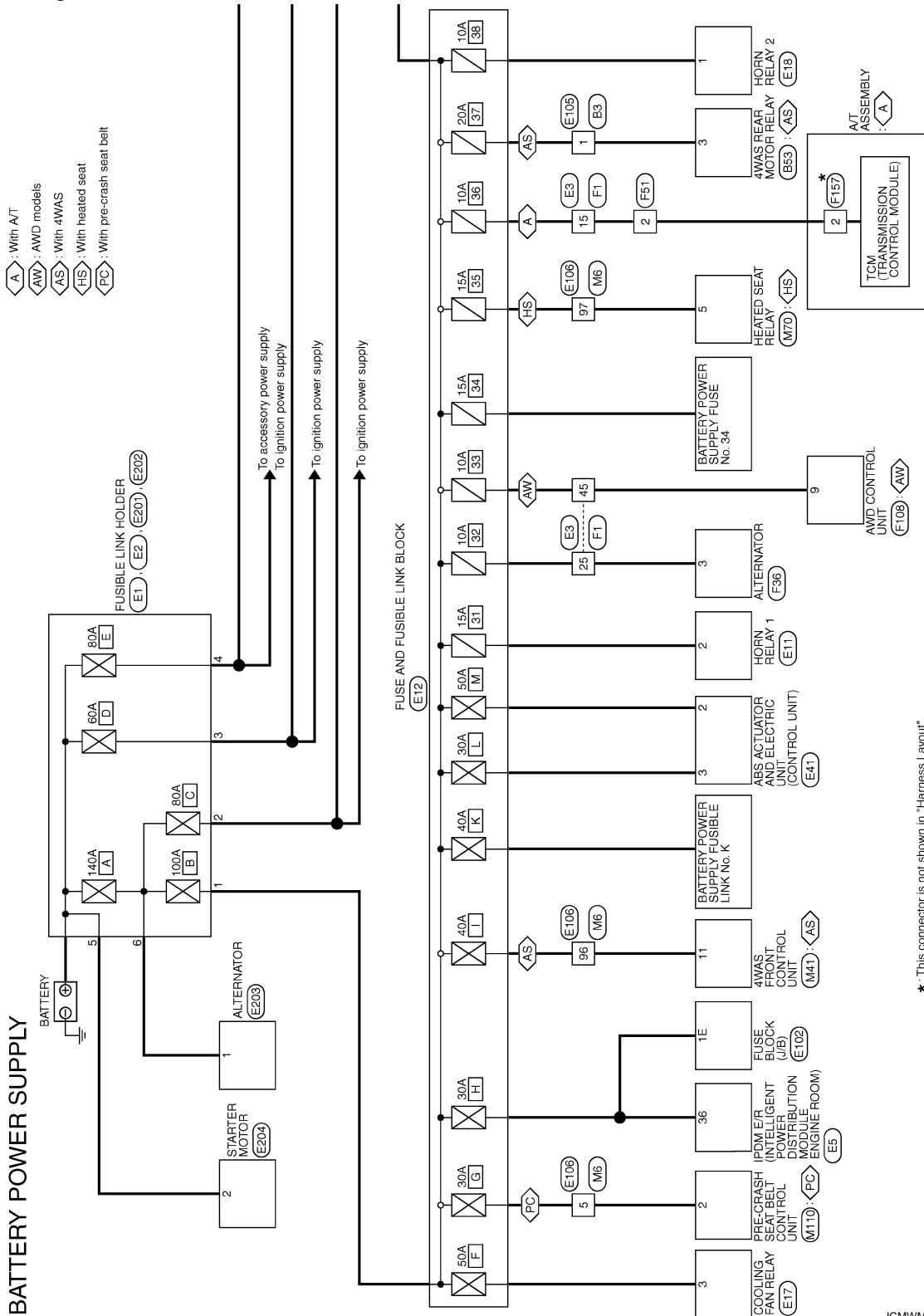
[POWER SUPPLY & GROUND CIRCUIT]

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

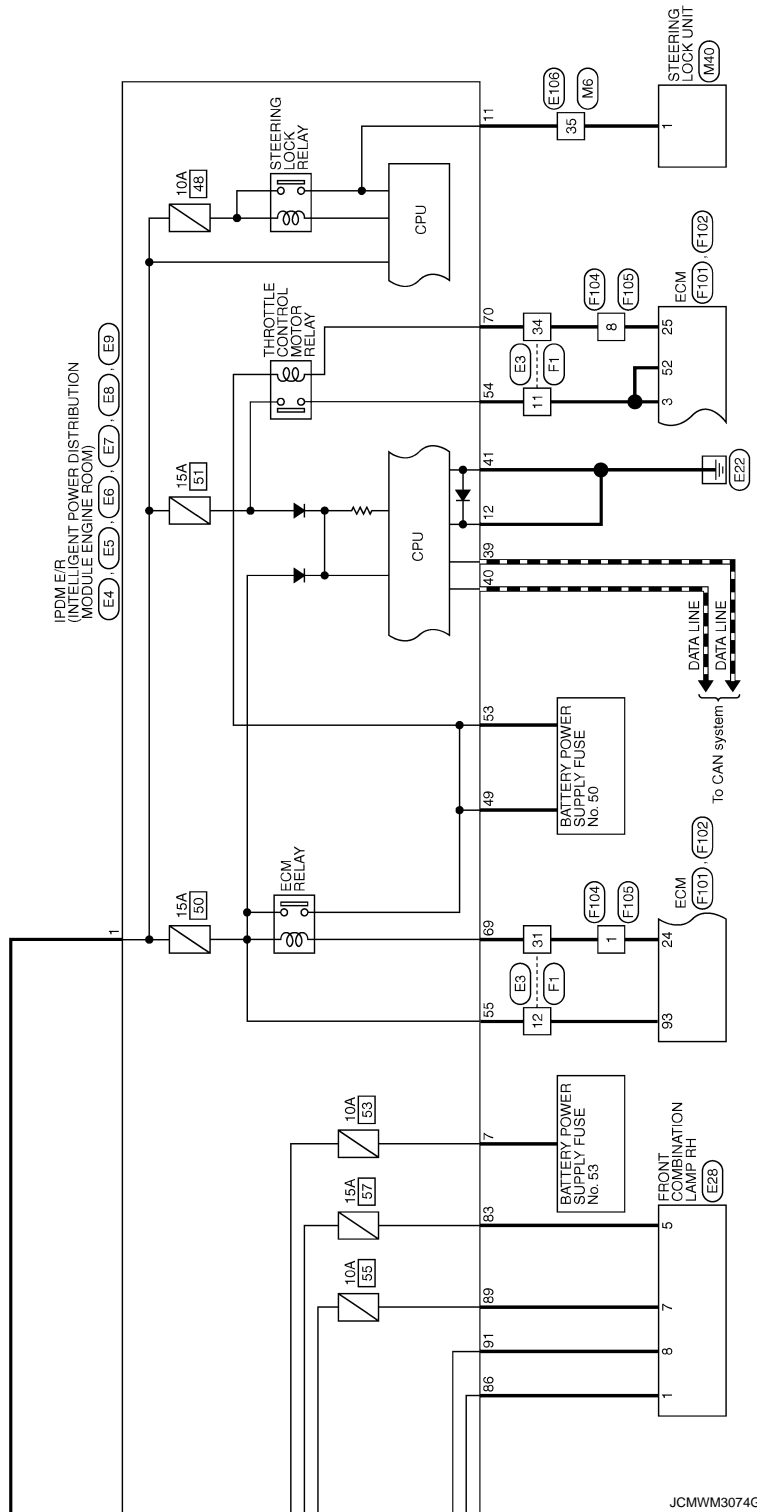
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]






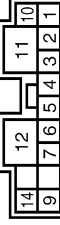



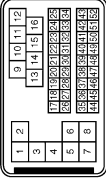
JCMWM3074G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

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



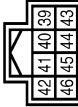
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-

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



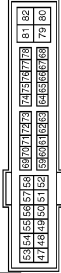
Terminal No.	Color of Wire	Signal Name [Specification]
7	R	-
11	BR	-
12	B/W	-
36	G	-

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH10FW-NH



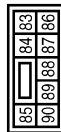
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/W	-

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



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

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



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

Connector No.	E9
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH10FW-NH



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

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	24381-7990A



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347_3F300



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

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



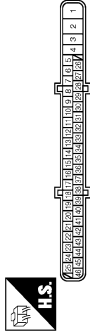
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-

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



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

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	ESAA42FB-AHZ4-LH



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

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



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

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



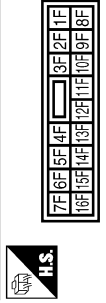
Terminal No.	Color of Wire	Signal Name [Specification]
ID	R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1E	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. E105	WIRE TO WIRE M02MF-LC	Connector No. E202	FUSIBLE LINK HOLDER 24340-79905
Connector Name		Connector Name	
Connector Type		Connector Type	
Terminal No.	1	Terminal No.	6
Color of Wire	L	Color of Wire	B/GR
Signal Name [Specification]		Signal Name [Specification]	

Connector No. E106	WIRE TO WIRE T18GFY-CS16-TM4	Connector No. E201	FUSIBLE LINK HOLDER 24340-79908
Connector Name		Connector Name	
Connector Type		Connector Type	
Terminal No.	35 96 97	Terminal No.	5
Color of Wire	W BR R	Color of Wire	B/Y
Signal Name [Specification]		Signal Name [Specification]	

Connector No. E203	ALTERNATOR 24340-85F45	Connector No. F36	ALTERNATOR HS03FB
Connector Name		Connector Name	
Connector Type		Connector Type	
Terminal No.	1	Terminal No.	3
Color of Wire	B/GR	Color of Wire	V
Signal Name [Specification]	B	Signal Name [Specification]	S

Connector No. E204	STARTER MOTOR 24346-51E61	Connector No. F1	WIRE TO WIRE SAA38FB-RS6-SHZ8
Connector Name		Connector Name	
Connector Type		Connector Type	
Terminal No.	2	Terminal No.	11 12 15 25 31 34 45
Color of Wire	B/Y	Color of Wire	R P R V P O O
Signal Name [Specification]		Signal Name [Specification]	

JCMWM3078G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

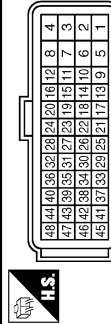
BATTERY POWER SUPPLY

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



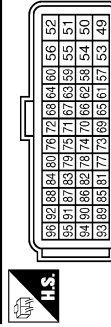
Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-RZ8-L-LH-Z



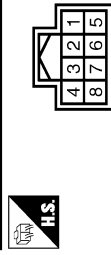
Terminal No.	3	Color of Wire	R	Signal Name [Specification]	VMOT1-B1
Terminal No.	24	Color of Wire	P	Signal Name [Specification]	SSOFF
Terminal No.	25	Color of Wire	O	Signal Name [Specification]	MOTRLY1-B1

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



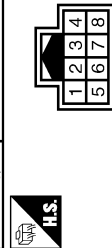
Terminal No.	52	Color of Wire	R	Signal Name [Specification]	VMOT-B2
Terminal No.	93	Color of Wire	P	Signal Name [Specification]	BATT

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



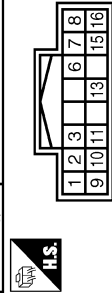
Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
Terminal No.	8	Color of Wire	O	Signal Name [Specification]	-

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



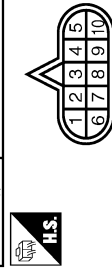
Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
Terminal No.	8	Color of Wire	O	Signal Name [Specification]	-

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



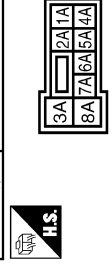
Terminal No.	9	Color of Wire	O	Signal Name [Specification]	AWD SOL.BAT
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Connector No.	F157
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



Terminal No.	2	Color of Wire	B	Signal Name [Specification]	BATT
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS09FW-M2



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

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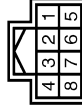
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >



BATTERY POWER SUPPLY

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



Terminal No.	1	Color of Wire	BR	Signal Name [Specification]	S/L 12V (MECHANICAL)
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Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	13	Color of Wire	SB	Signal Name [Specification]	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH8GMW-CS (6-TM4)


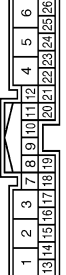
Terminal No.	5	Color of Wire	W	Signal Name [Specification]	-
	35	BR	-	-	-
	96	R	-	-	-
	97	L	-	-	-

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



Terminal No.	1B	Color of Wire	SB	Signal Name [Specification]	-
	6B	Y	-	-	-
	9B	SB	-	-	-

Connector No.	M110
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH20FW-TB6



Terminal No.	2	Color of Wire	W	Signal Name [Specification]	-B
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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.	M41
Connector Name	WAS FRONT CONTROL UNIT
Connector Type	SNAD2FGY

Terminal No.	11	Color of Wire	R	Signal Name [Specification]	F-MTR PWR SUPPLY
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JCMWM3080G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

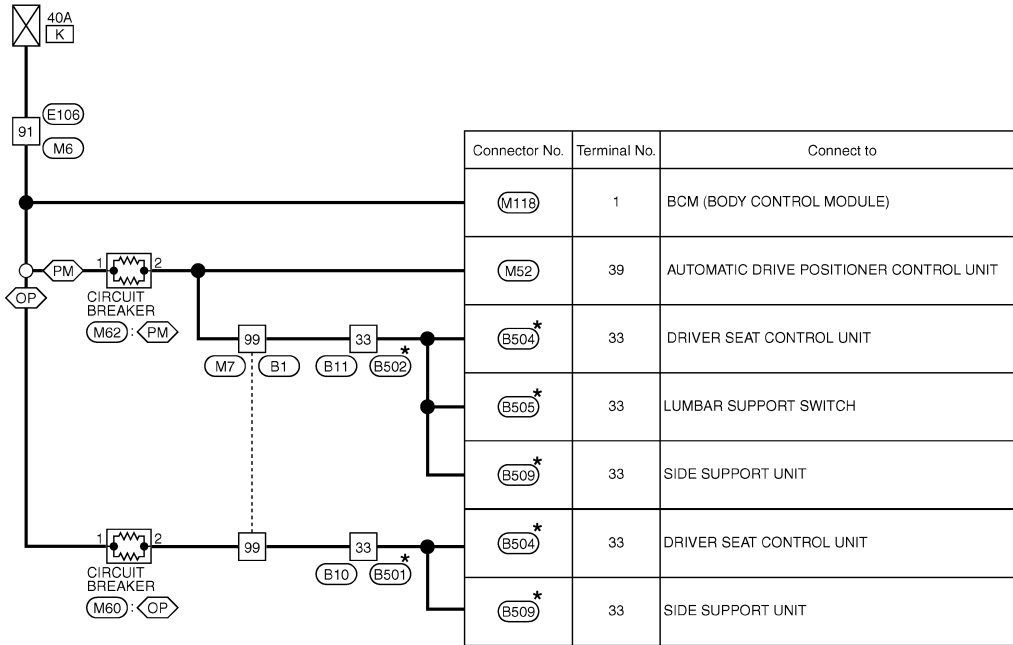
[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004248119

BATTERY POWER SUPPLY FUSIBLE LINK No. K

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



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

2008/08/22

JCMWM3081GI

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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	TH80FW-CS16-TM4	
Terminal No.	99	SB
Color of Wire		
Signal Name [Specification]		
Connector No.	B10	
Connector Name	WIRE TO WIRE	
Connector Type	NS12FW-CS	
Terminal No.	33	SB
Color of Wire		
Signal Name [Specification]		
Connector No.	B11	
Connector Name	WIRE TO WIRE	
Connector Type	NS16FW-CS	
Terminal No.	33	SB
Color of Wire		
Signal Name [Specification]		
Connector No.	B500	
Connector Name	WIRE TO WIRE	
Connector Type	NS12MW-CS	
Terminal No.	33	R
Color of Wire		
Signal Name [Specification]		
Connector No.	B502	
Connector Name	WIRE TO WIRE	
Connector Type	NS16MW-LC	
Terminal No.	33	R
Color of Wire		
Signal Name [Specification]		
Connector No.	B504	
Connector Name	DRIVER SEAT CONTROL UNIT	
Connector Type	NS16FW-CS	
Terminal No.	33	R
Color of Wire		
Signal Name [Specification]		BAT (G/B)
Connector No.	B505	
Connector Name	LUMBAR SUPPORT SWITCH	
Connector Type	NS4FW-CS	
Terminal No.	33	R
Color of Wire		
Signal Name [Specification]		
Connector No.	B509	
Connector Name	SIDE SUPPORT UNIT	
Connector Type	NS09FW-CS	
Terminal No.	33	R
Color of Wire		
Signal Name [Specification]		

JCMWM3082G

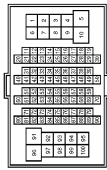
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

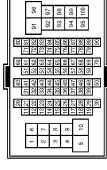
BATTERY POWER SUPPLY FUSIBLE LINK No. K

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



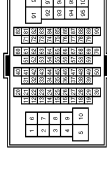
Terminal No.	Color of Wire	Signal Name [Specification]
91	G	-

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



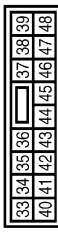
Terminal No.	Color of Wire	Signal Name [Specification]
91	W	-

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




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

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




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

Connector No.	M60
Connector Name	CIRCUIT BREAKER
Connector Type	MD2FW-LC




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

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	MD2FW-LC



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

Connector No.	M118
Connector Name	SCM (BODY CONTROL MODULE)
Connector Type	MD3FE-LC



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

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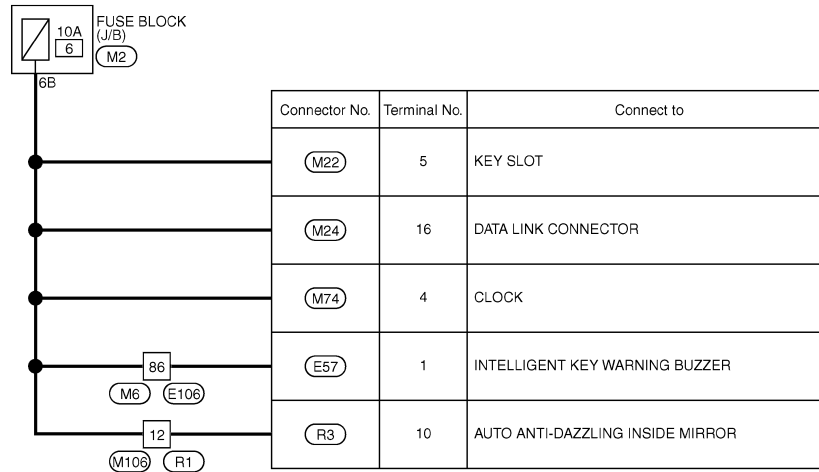
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

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2008/08/22

JCMWM3084G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

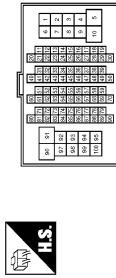
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FB



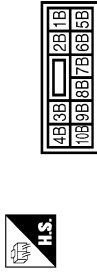
Terminal No.	1	Color of Wire	LG	Signal Name [Specification]	
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Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	86	Color of Wire	LG	Signal Name [Specification]	
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Connector No.	M2
Connector Name	FUSE BLOCK (U/B)
Connector Type	HS10FW-CS



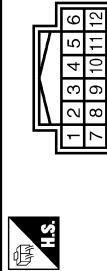
Terminal No.	86	Color of Wire	Y	Signal Name [Specification]	
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



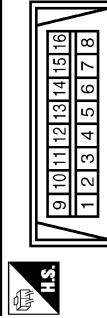
Terminal No.	86	Color of Wire	GR	Signal Name [Specification]	
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Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



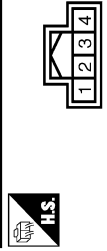
Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	ILL BAT
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Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD18FW-P



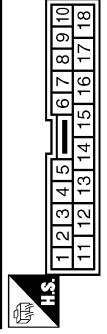
Terminal No.	16	Color of Wire	R	Signal Name [Specification]	
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Connector No.	M74
Connector Name	GLOCK
Connector Type	TH84FW-NH



Terminal No.	4	Color of Wire	Y	Signal Name [Specification]	BAT
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Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NSS



Terminal No.	12	Color of Wire	Y	Signal Name [Specification]	
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

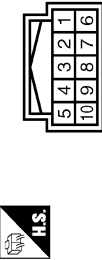
BATTERY POWER SUPPLY FUSE No. 6

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



Terminal No.	12	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	10	Color of Wire	GR	Signal Name [Specification]	BAT
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POWER SUPPLY ROUTING CIRCUIT

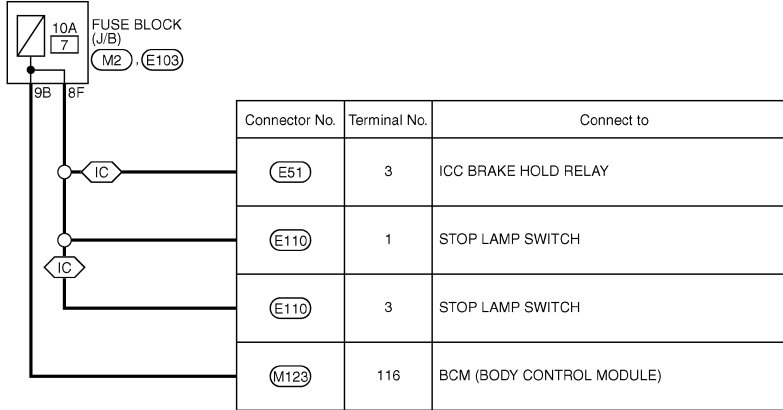
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

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⬡IC⬢ : With ICC



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2008/08/22

JCMWM3087G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E51
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS2FL-M2



Terminal No.	3	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



Terminal No.	8F	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



Terminal No.	1	Color of Wire	L	Signal Name [Specification]	-
	3	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]	-
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Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



Terminal No.	11B	Color of Wire	SB	Signal Name [Specification]	STOP LAMP SW 1
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JCMWM3088G

POWER SUPPLY ROUTING CIRCUIT


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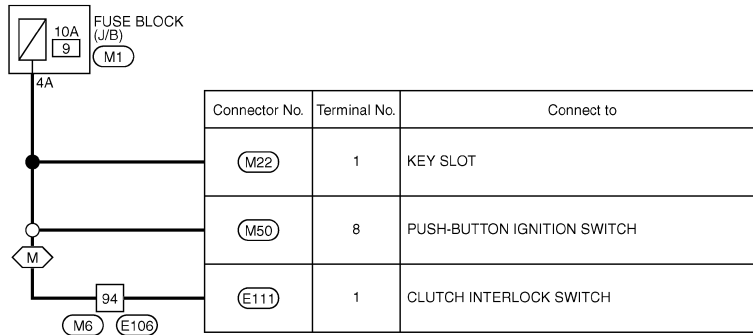
[POWER SUPPLY & GROUND CIRCUIT]

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

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JCMWM3089GI

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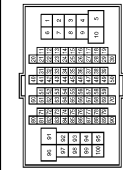
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 9

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



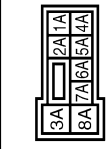
Terminal No.	94	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E111
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	S02FL



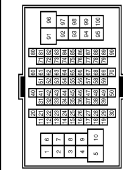
Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



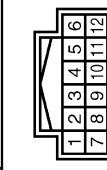
Terminal No.	4A	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4



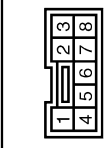
Terminal No.	94	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FV-NH



Terminal No.	1	Color of Wire	R	Signal Name [Specification]	BAT
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Connector No.	M60
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



Terminal No.	8	Color of Wire	P	Signal Name [Specification]	-
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JCMWM3090G



POWER SUPPLY ROUTING CIRCUIT

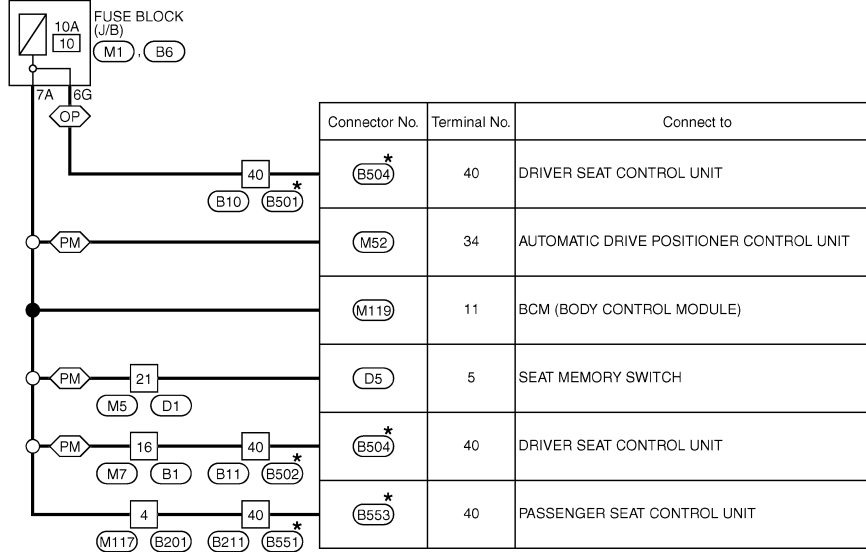
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 - BATTERY POWER SUPPLY FUSE No. 10

INFOID:000000004248123

 : With automatic drive positioner
 : Without automatic drive positioner



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

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JCMWM3091GI

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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	TH80FW-CS16-TM4
Terminal No.	16
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS1ZFBR-CS
Terminal No.	6G
Color of Wire	G
Signal Name [Specification]	-

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS1ZFW-CS
Terminal No.	40
Color of Wire	G
Signal Name [Specification]	-

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS
Terminal No.	40
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Terminal No.	4
Color of Wire	R
Signal Name [Specification]	-

Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	NS1ZFW-CS
Terminal No.	40
Color of Wire	O
Signal Name [Specification]	-

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Terminal No.	40
Color of Wire	R/W
Signal Name [Specification]	-

Connector No.	B502
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-LC
Terminal No.	40
Color of Wire	R/W
Signal Name [Specification]	-

JCMW3092G

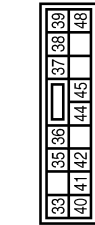
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

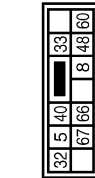
BATTERY POWER SUPPLY FUSE No. 10

Connector No.	B594
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



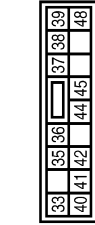
Terminal No.	Color of Wire	Signal Name [Specification]
40	R/W	BAT (FUSE)

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



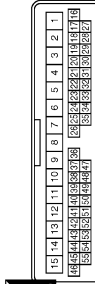
Terminal No.	Color of Wire	Signal Name [Specification]
40	R/W	-

Connector No.	B553
Connector Name	PASSENGER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



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

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



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

Connector No.	D5
Connector Name	SEAT MEMORY SWITCH
Connector Type	A09FW



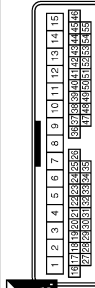
Terminal No.	Color of Wire	Signal Name [Specification]
5	R	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS00FW-M2



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

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



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	M52
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS16FW-CS



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

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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TR8GMW-CS(B-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.	4	R
Color of Wire		
Signal Name [Specification]		

Connector No.	M119
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

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

POWER SUPPLY ROUTING CIRCUIT


< DTC/CIRCUIT DIAGNOSIS >

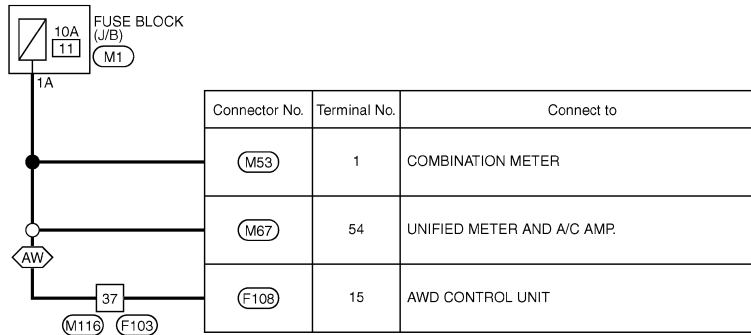
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -

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BATTERY POWER SUPPLY FUSE No. 11

 : AWD models



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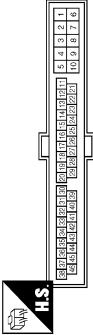
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

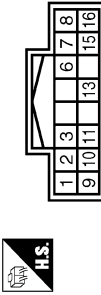
BATTERY POWER SUPPLY FUSE No. 11

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



Terminal No.	37	Y	-
Color of Wire	Y	Signal Name [Specification]	-

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



Terminal No.	15	Y	VB
Color of Wire	Y	Signal Name [Specification]	VB

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS66FW-M2



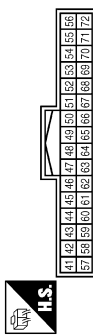
Terminal No.	1A	V	-
Color of Wire	V	Signal Name [Specification]	-

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB66FW



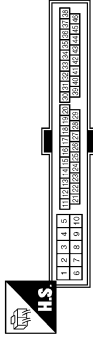
Terminal No.	1	V	BATTERY
Color of Wire	V	Signal Name [Specification]	BATTERY

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH62FW-NH



Terminal No.	54	Y	BATTERY POWER SUPPLY
Color of Wire	Y	Signal Name [Specification]	BATTERY POWER SUPPLY

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



Terminal No.	37	V	-
Color of Wire	V	Signal Name [Specification]	-

JCMWM3096G

POWER SUPPLY ROUTING CIRCUIT





< DTC/CIRCUIT DIAGNOSIS >

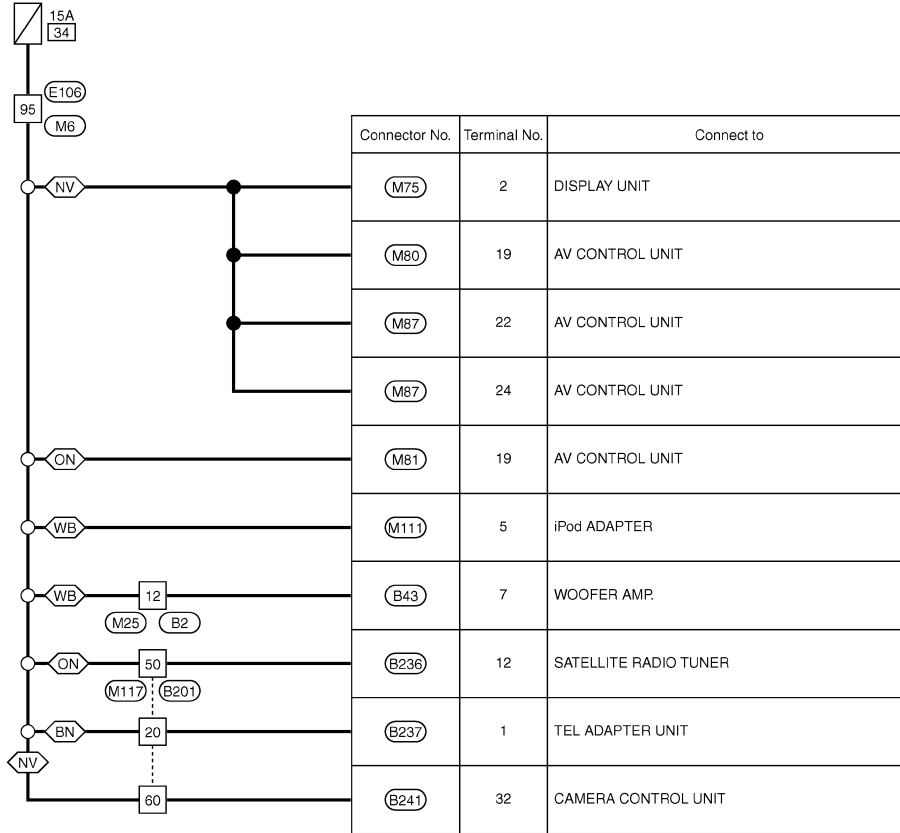
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000004248124

BATTERY POWER SUPPLY FUSE No. 34

-  : With BOSE system
-  : With NAVI
-  : Without NAVI
-  : With BOSE system without NAVI



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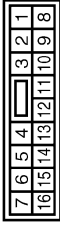
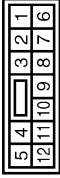
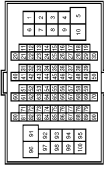



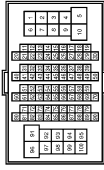
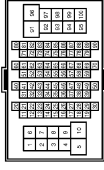
JCMWM3097GI

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

Connector No. B2	WIRE TO WIRE NS16FW-CS		Terminal No. 12	Color of Wire Y	Signal Name [Specification] -
Connector No. B43	WOOFER AMP. NS17FW-CS		Terminal No. 7	Color of Wire Y	Signal Name [Specification] BATTERY
Connector No. B201	WIRE TO WIRE TH80FW-CS16-TM4		Terminal No. 20	Color of Wire GR	Signal Name [Specification] -
Connector No. B238	SATELLITE RADIO TUNER A18FW		Terminal No. 12	Color of Wire SB	Signal Name [Specification] BATTERY
Connector No. B237	TEL ADAPTER UNIT TH82FW-NH		Terminal No. 1	Color of Wire GR	Signal Name [Specification] BATTERY
Connector No. B241	CAMERA CONTROL UNIT TH32FW-NH		Terminal No. 32	Color of Wire BR	Signal Name [Specification] BATTERY
Connector No. E106	WIRE TO WIRE TH80FW-CS16-TM4		Terminal No. 95	Color of Wire Y	Signal Name [Specification] -
Connector No. M6	WIRE TO WIRE TH80MY-CS16-TM4		Terminal No. 95	Color of Wire Y	Signal Name [Specification] -

JCMWM3098G

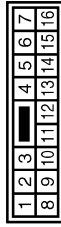
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 34

Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	HS16MW-CS



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

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



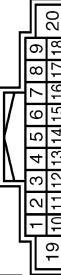
Terminal No.	2	Y	
Color of Wire			
Signal Name [Specification]			BATTERY

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



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

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



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

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



Terminal No.	24	Y	
Color of Wire			
Signal Name [Specification]			BATTERY

Connector No.	M111
Connector Name	Pod ADAPTER
Connector Type	TH24FW-NH



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

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



Terminal No.	20	Y	
Color of Wire			
Signal Name [Specification]			
Terminal No.	50	Y	
Color of Wire			
Signal Name [Specification]			
Terminal No.	60	Y	
Color of Wire			
Signal Name [Specification]			

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POWER SUPPLY ROUTING CIRCUIT

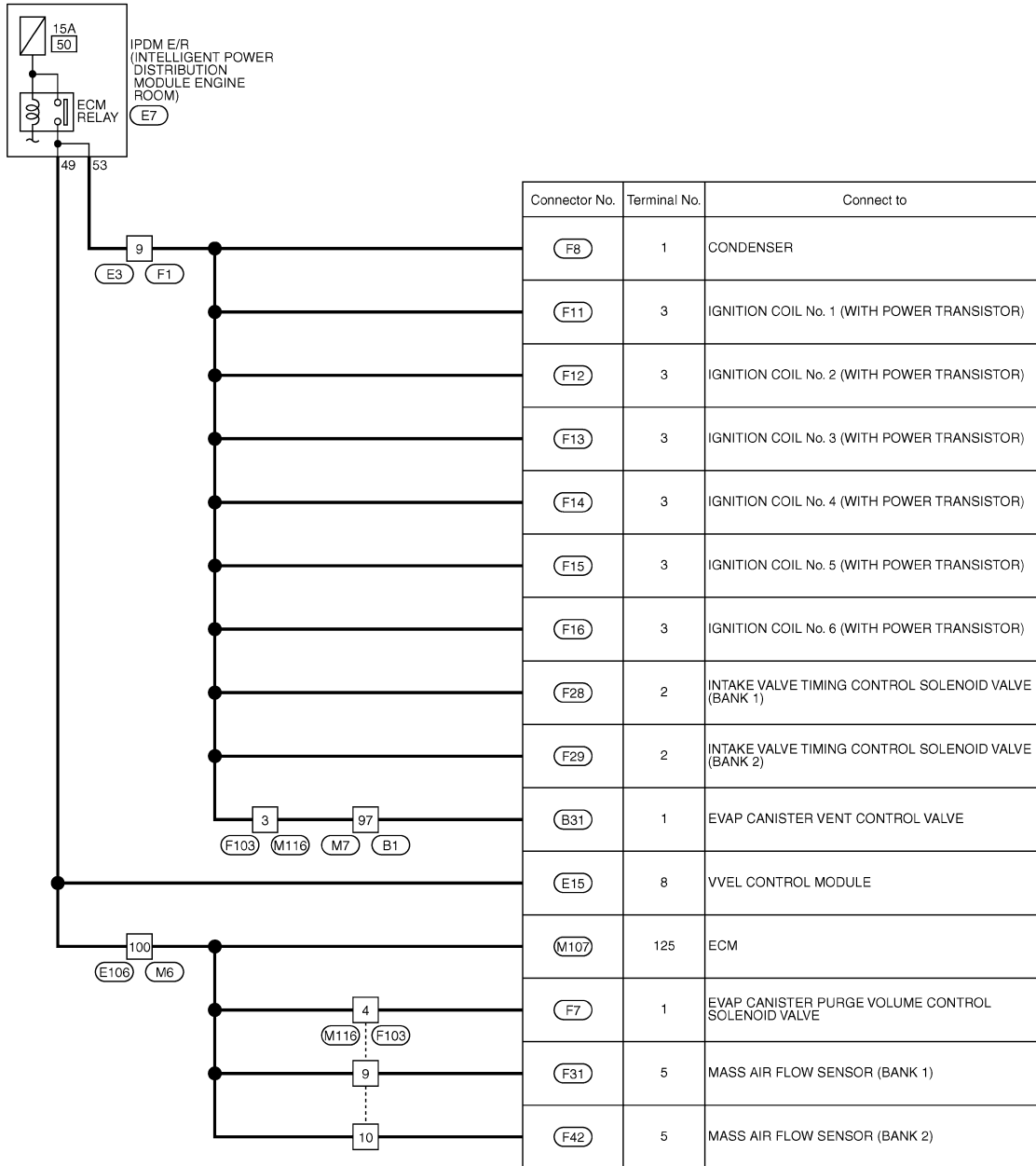
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[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE No. 50



2008/08/22

JCMWM3100G

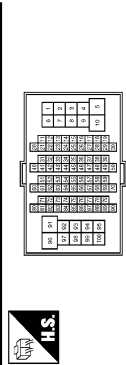
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



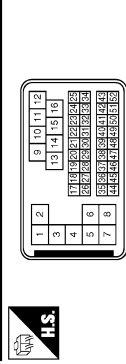
Terminal No.	97	W	
Color of Wire			
Signal Name [Specification]			

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



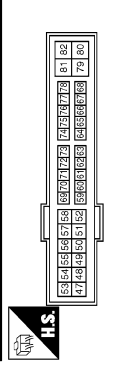
Terminal No.	1	W	
Color of Wire			
Signal Name [Specification]			

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38MF-RSS-SHZ8



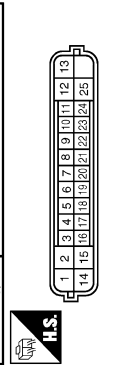
Terminal No.	9	W	
Color of Wire			
Signal Name [Specification]			

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



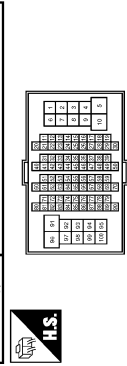
Terminal No.	49	O	
Color of Wire			
Signal Name [Specification]			

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



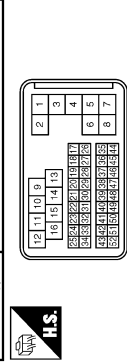
Terminal No.	8	O	VB
Color of Wire			
Signal Name [Specification]			

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



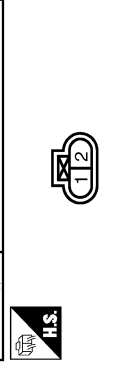
Terminal No.	100	O	
Color of Wire			
Signal Name [Specification]			

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RSS-SHZ8



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

Connector No.	F7
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS-LGY



Terminal No.	1	R	
Color of Wire			
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. F8 CONDENSER M02FW-LC	Connector No. F11 IGNITION COIL No. 1 (WITH POWER TRANSISTOR) E03FGY-RS	Connector No. F12 IGNITION COIL No. 2 (WITH POWER TRANSISTOR) E03FGY-RS	Connector No. F13 IGNITION COIL No. 3 (WITH POWER TRANSISTOR) E03FGY-RS
 	 	 	 
Terminal No. 1 Color of Wire W Signal Name [Specification]	Terminal No. 3 Color of Wire W Signal Name [Specification]	Terminal No. 3 Color of Wire W Signal Name [Specification]	Terminal No. 3 Color of Wire W Signal Name [Specification]
Connector No. F14 IGNITION COIL No. 4 (WITH POWER TRANSISTOR) E03FGY-RS	Connector No. F15 IGNITION COIL No. 5 (WITH POWER TRANSISTOR) E03FGY-RS	Connector No. F16 IGNITION COIL No. 6 (WITH POWER TRANSISTOR) E03FGY-RS	Connector No. F28 INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) E02FG-RS-LGY
 	 	 	 
Terminal No. 3 Color of Wire W Signal Name [Specification]	Terminal No. 3 Color of Wire W Signal Name [Specification]	Terminal No. 3 Color of Wire W Signal Name [Specification]	Terminal No. 2 Color of Wire R Signal Name [Specification]

JCMWM3102G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	E29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	ECDFE-RS-LGY



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH0GFB



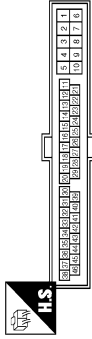
Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH0GFB



Terminal No.	5	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK3BFW-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	TH80MW-CS16F-TM4



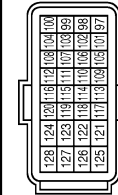
Terminal No.	100	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



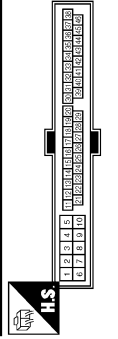
Terminal No.	97	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M107
Connector Name	ECM
Connector Type	RH24FGY-R28-R-LH-Z



Terminal No.	125	Color of Wire	R	Signal Name [Specification]	VBR
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Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK3BFW-NS10



Terminal No.	3	Color of Wire	O	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

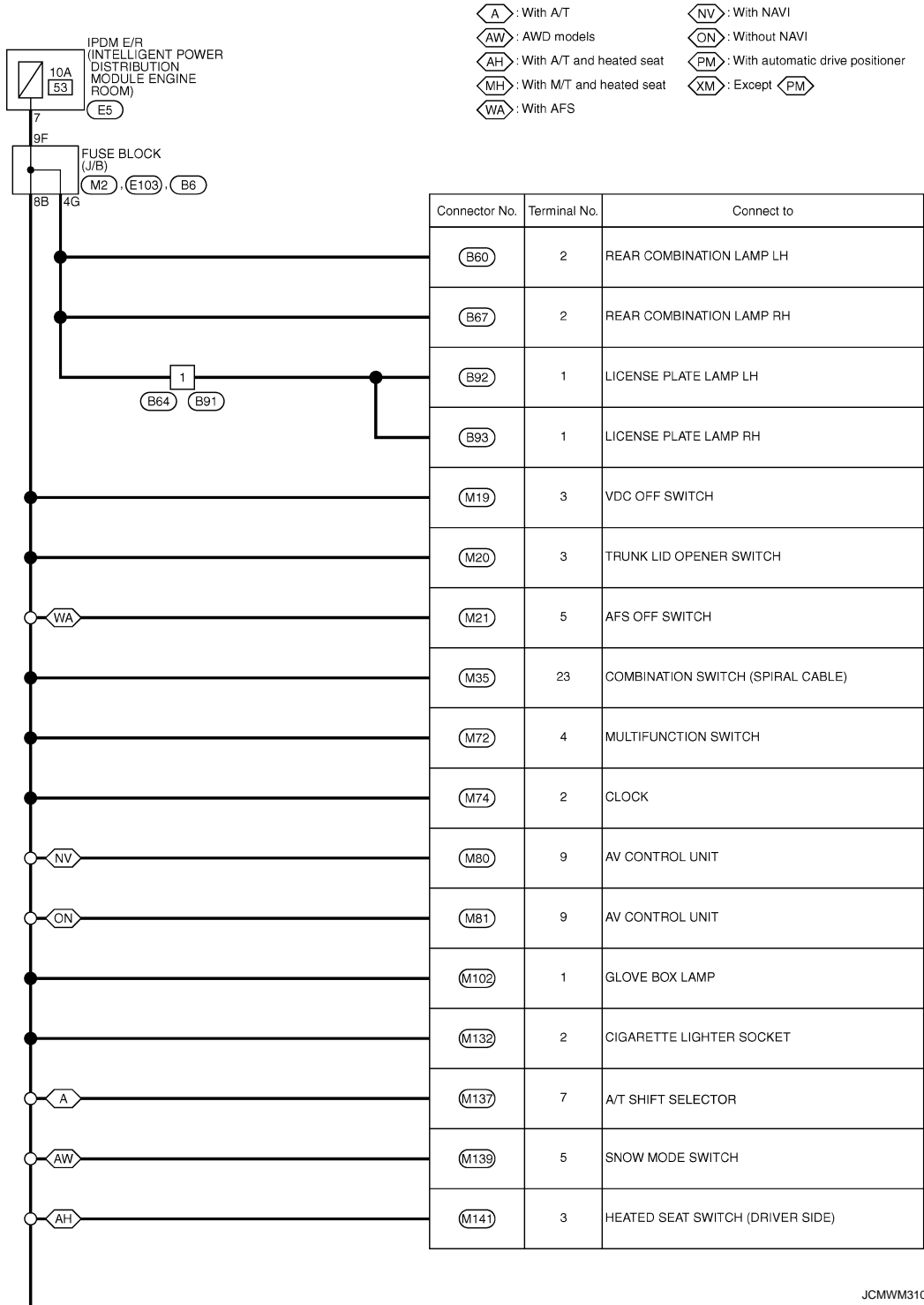
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000004248126

BATTERY POWER SUPPLY FUSE No. 53

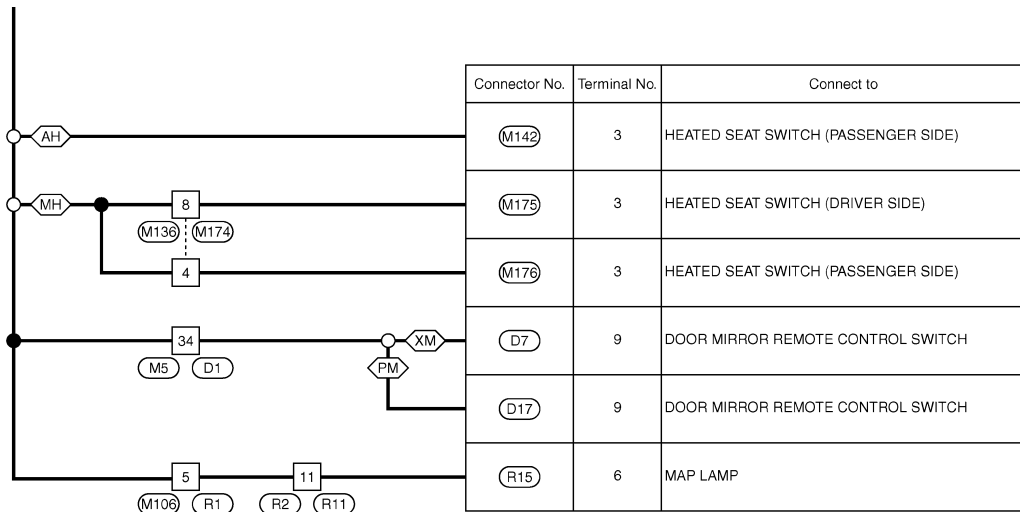


JCMWM3104G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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2008/08/22

JCMWM3105G1

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

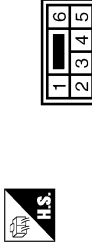
BATTERY POWER SUPPLY FUSE No. 53

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



Terminal No.	4G	Color of Wire	R	Signal Name [Specification]	
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Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NSG6MHP-CS



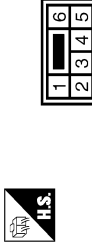
Terminal No.	2	Color of Wire	R	Signal Name [Specification]	
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Connector No.	B64
Connector Name	WIRE TO WIRE
Connector Type	RK02FGY



Terminal No.	1	Color of Wire	R	Signal Name [Specification]	
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Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NSG6MHP-CS



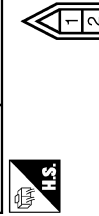
Terminal No.	2	Color of Wire	R	Signal Name [Specification]	
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Connector No.	B91
Connector Name	WIRE TO WIRE
Connector Type	RK02MGY



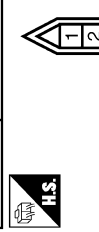
Terminal No.	1	Color of Wire		Signal Name [Specification]	
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Connector No.	B92
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RV02FBR



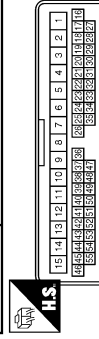
Terminal No.	1	Color of Wire		Signal Name [Specification]	
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Connector No.	B93
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RV02FBR



Terminal No.	1	Color of Wire		Signal Name [Specification]	
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Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH4DFW-CS15



Terminal No.	34	Color of Wire	R	Signal Name [Specification]	
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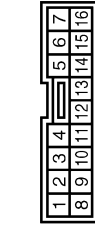
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	TK10FW



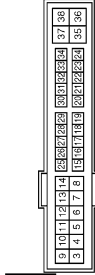
Terminal No.	9	R	Signal Name [Specification]
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Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	TK10FBER



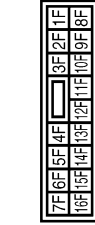
Terminal No.	9	R	Signal Name [Specification]
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Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TK20FW-CS12-M4-TV



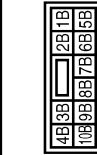
Terminal No.	7	R	Signal Name [Specification]
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Connector No.	E03
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



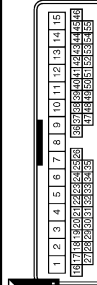
Terminal No.	9F	R	Signal Name [Specification]
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Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



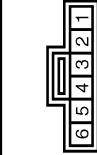
Terminal No.	8B	R	Signal Name [Specification]
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Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TK40MW-CS15



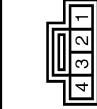
Terminal No.	34	G	Signal Name [Specification]
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Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK08FGY



Terminal No.	3	R	Signal Name [Specification]
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Connector No.	M20
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TK04FW



Terminal No.	3	LG	Signal Name [Specification]
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

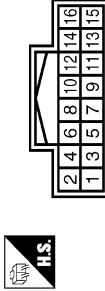
Connector No.	M21
Connector Name	AFS OFF SWITCH
Connector Type	TH18FW-1V



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



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



Connector No.	M74
Connector Name	CLOCK
Connector Type	TH18FW-NH



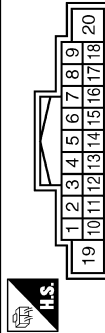
Terminal No.	5	Color of Wire	R	Signal Name [Specification]	-
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Terminal No.	23	Color of Wire	R	Signal Name [Specification]	-
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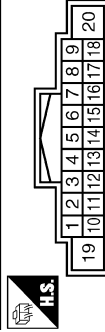
Terminal No.	4	Color of Wire	O	Signal Name [Specification]	ILL
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Terminal No.	2	Color of Wire	R	Signal Name [Specification]	ILLUMINATION (+)
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Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH MAV)
Connector Type	TH18FW-CSZ



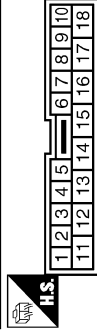
Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT MAV)
Connector Type	TH18FW-CSZ



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



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



Terminal No.	9	Color of Wire	L	Signal Name [Specification]	ILLUMINATION
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Terminal No.	9	Color of Wire	L	Signal Name [Specification]	ILLUMINATION
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Terminal No.	1	Color of Wire	R	Signal Name [Specification]	-
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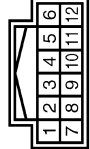

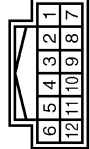

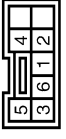

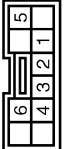

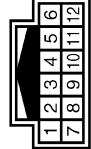

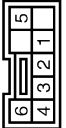

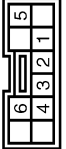
Terminal No.	5	Color of Wire	R	Signal Name [Specification]	-
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M132	Connector No.	M137	Connector No.	M138	Connector No.	M139
Connector Name	CIGARETTE LIGHTER SOCKET	Connector Name	A/T SHIFT SELECTOR	Connector Name	WIRE TO WIRE	Connector Name	SNOW MODE SWITCH
Connector Type	NS03FW-CS	Connector Type	TH12FW-NH	Connector Type	TH12FW-NH	Connector Type	TK08FW
							
Terminal No.	2	Terminal No.	7	Terminal No.	4	Terminal No.	5
Color of Wire	R	Color of Wire	Y	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Connector No.	M141	Connector No.	M174	Connector No.	M142	Connector No.	M175
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)	Connector Name	WIRE TO WIRE	Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW	Connector Type	TH12MW-NH	Connector Type	TK08FBR	Connector Type	TK10FW
							
Terminal No.	3	Terminal No.	8	Terminal No.	3	Terminal No.	3
Color of Wire	R	Color of Wire	G	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

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JCMWM3109GI

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 53

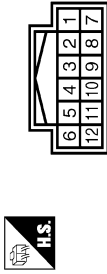
Connector No.	M176
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FB



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



Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12MF-NH



Terminal No.	3	Color of Wire	G	Signal Name [Specification]	-
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Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	-
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Terminal No.	11	Color of Wire	Y	Signal Name [Specification]	-
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Terminal No.	11	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	R15
Connector Name	MAP LAMP
Connector Type	TK08FG



Terminal No.	6	Color of Wire	L	Signal Name [Specification]	-
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JCMWM3110GI

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

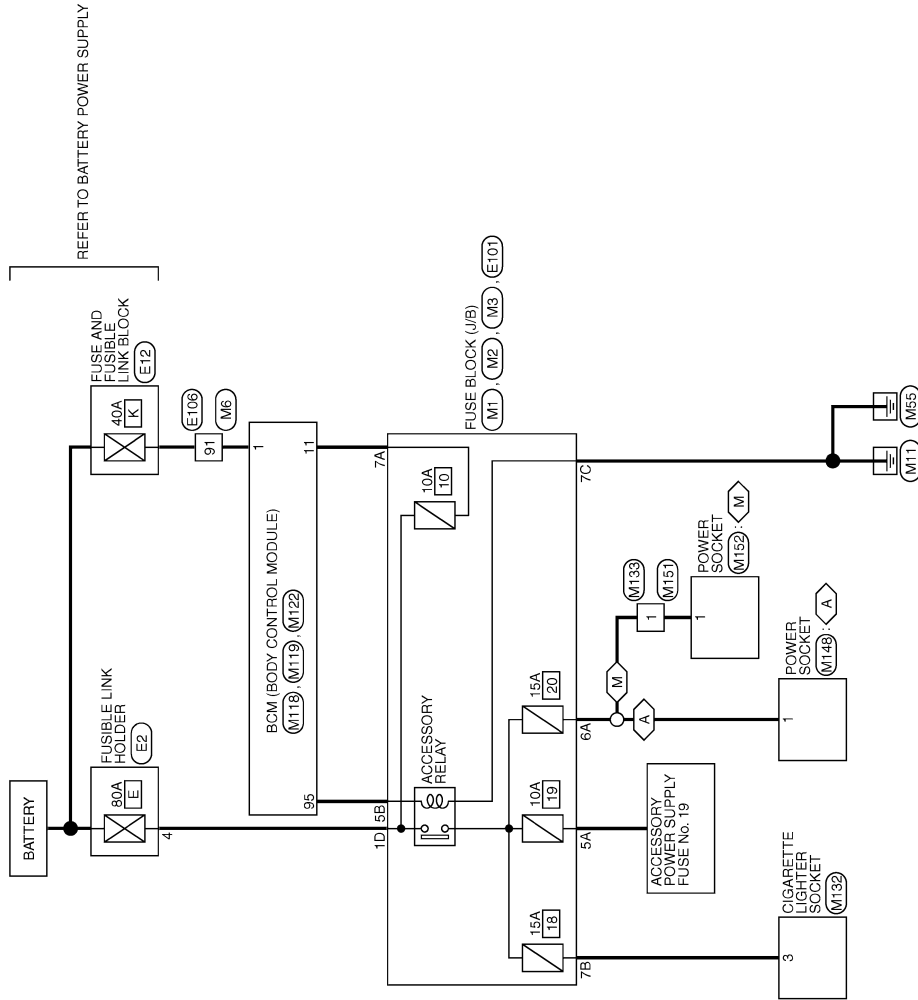
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000004248127

ACCESSORY POWER SUPPLY

◁ : With A/T
 ▷ : With M/T



REFER TO BATTERY POWER SUPPLY

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2008/08/22





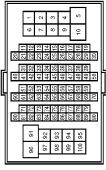







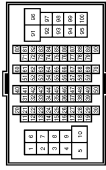



JCMWM3111Gf

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>E2</td></tr> <tr><td>Connector Name</td><td>FUSIBLE LINK HOLDER</td></tr> <tr><td>Connector Type</td><td>LOFGY-AC</td></tr> </table>  	Connector No.	E2	Connector Name	FUSIBLE LINK HOLDER	Connector Type	LOFGY-AC	<table border="1"> <tr><td>Terminal No.</td><td>4</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	4	Color of Wire	R	Signal Name [Specification]	-												
Connector No.	E2																								
Connector Name	FUSIBLE LINK HOLDER																								
Connector Type	LOFGY-AC																								
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Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>E101</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>LO1FW-AC</td></tr> </table>  	Connector No.	E101	Connector Name	FUSE BLOCK (J/B)	Connector Type	LO1FW-AC	<table border="1"> <tr><td>Terminal No.</td><td>1D</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1D	Color of Wire	R	Signal Name [Specification]	-												
Connector No.	E101																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	LO1FW-AC																								
Terminal No.	1D																								
Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>E106</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH8DFW-CS16-TM4</td></tr> </table>  	Connector No.	E106	Connector Name	WIRE TO WIRE	Connector Type	TH8DFW-CS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>91</td></tr> <tr><td>Color of Wire</td><td>G</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	91	Color of Wire	G	Signal Name [Specification]	-												
Connector No.	E106																								
Connector Name	WIRE TO WIRE																								
Connector Type	TH8DFW-CS16-TM4																								
Terminal No.	91																								
Color of Wire	G																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M1</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS38FW-M2</td></tr> </table>  	Connector No.	M1	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS38FW-M2	<table border="1"> <tr><td>Terminal No.</td><td>5A</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>6A</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>7A</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	5A	Color of Wire	L	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.	M1																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	NS38FW-M2																								
Terminal No.	5A																								
Color of Wire	L																								
Signal Name [Specification]	-																								
Terminal No.	6A																								
Color of Wire	Y																								
Signal Name [Specification]	-																								
Terminal No.	7A																								
Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M2</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS10FW-CS</td></tr> </table>  	Connector No.	M2	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS10FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>4</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	4	Color of Wire	R	Signal Name [Specification]	-												
Connector No.	M2																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	NS10FW-CS																								
Terminal No.	4																								
Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M3</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS12FW-CS</td></tr> </table>  	Connector No.	M3	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS12FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>7C</td></tr> <tr><td>Color of Wire</td><td>B</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	7C	Color of Wire	B	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]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M6</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH8DMW-CS16-TM4</td></tr> </table>  	Connector No.	M6	Connector Name	WIRE TO WIRE	Connector Type	TH8DMW-CS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>91</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	91	Color of Wire	W	Signal Name [Specification]	-												
Connector No.	M6																								
Connector Name	WIRE TO WIRE																								
Connector Type	TH8DMW-CS16-TM4																								
Terminal No.	91																								
Color of Wire	W																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M18</td></tr> <tr><td>Connector Name</td><td>ECM (BODY CONTROL MODULE)</td></tr> <tr><td>Connector Type</td><td>MD3FB-LC</td></tr> </table>  	Connector No.	M18	Connector Name	ECM (BODY CONTROL MODULE)	Connector Type	MD3FB-LC	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>BAT (F/L)</td></tr> </table>	Terminal No.	1	Color of Wire	W	Signal Name [Specification]	BAT (F/L)												
Connector No.	M18																								
Connector Name	ECM (BODY CONTROL MODULE)																								
Connector Type	MD3FB-LC																								
Terminal No.	1																								
Color of Wire	W																								
Signal Name [Specification]	BAT (F/L)																								

JCMWM3112GI

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ACCESSORY POWER SUPPLY

Connector No.	M119	Connector No.	M122	Connector No.	M132	Connector No.	M133
Connector Name	BCM BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	GIGARETTE LIGHTER SOCKET	Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS	Connector Type	TH4GFB-NH	Connector Type	NSG3FW-CS	Connector Type	M02FB-LC
Terminal No.	11	Terminal No.	95	Terminal No.	3	Terminal No.	1
Color of Wire	R	Color of Wire	O	Color of Wire	P	Color of Wire	Y
Signal Name [Specification]	BAT (FUSE)	Signal Name [Specification]	ACC RELAY CONT	Signal Name [Specification]		Signal Name [Specification]	



Connector No.	M148	Connector No.	M151	Connector No.	M152
Connector Name	POWER SOCKET	Connector Name	WIRE TO WIRE	Connector Name	POWER SOCKET
Connector Type	P02FE-Z	Connector Type	M02MB-P-LC	Connector Type	P02FB-Z
Terminal No.	1	Terminal No.	1	Terminal No.	1
Color of Wire	Y	Color of Wire	R	Color of Wire	R
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	



JCMWM3113GI

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

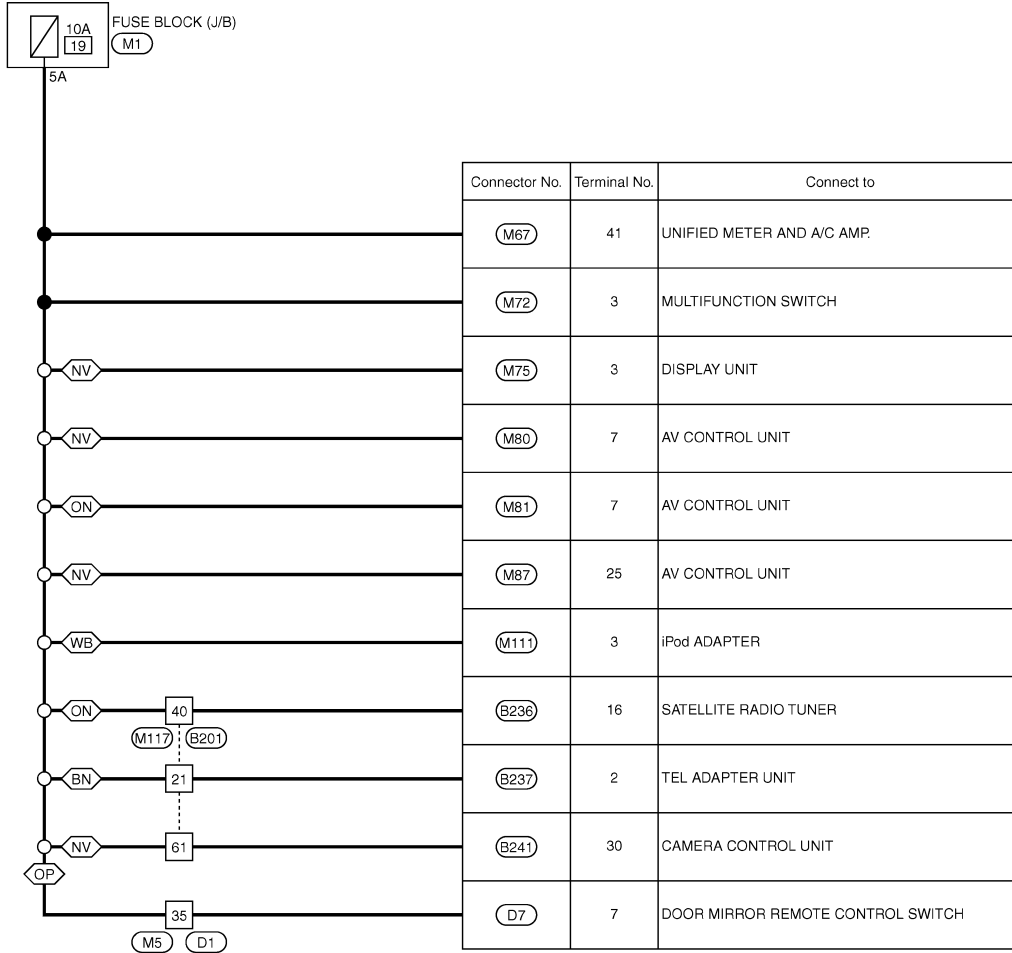
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE No. 19

- ◻WB◻ : With BOSE system
- ◻NV◻ : With NAVI
- ◻ON◻ : Without NAVI
- ◻BN◻ : With BOSE system without NAVI
- ◻OP◻ : Without automatic drive positioner



2008/08/22

JCMWM3114GI

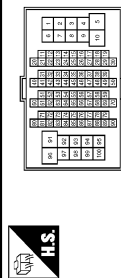
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

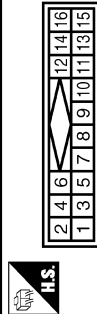
ACCESSORY POWER SUPPLY FUSE No. 19

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



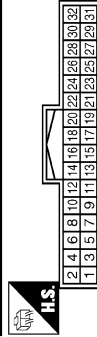
Terminal No.	Color of Wire	Signal Name [Specification]
21	LG	-
40	V	-
61	LG	-

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



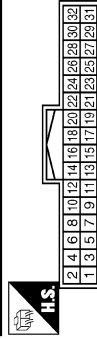
Terminal No.	Color of Wire	Signal Name [Specification]
16	V	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH2FW-NH



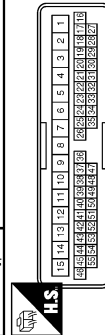
Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	ACC

Connector No.	B241
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH2FW-NH



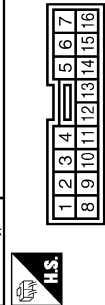
Terminal No.	Color of Wire	Signal Name [Specification]
30	LG	ACC

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



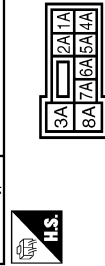
Terminal No.	Color of Wire	Signal Name [Specification]
35	V	-

Connector No.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	TK18FW



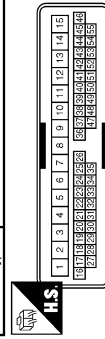
Terminal No.	Color of Wire	Signal Name [Specification]
7	V	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS80FW-M2



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

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



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

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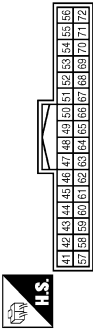
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

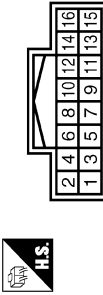
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M87
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH22FW-NH



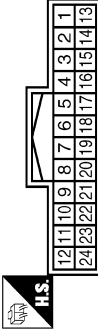
Terminal No.	41	Color of Wire	L	Signal Name [Specification]	ACC POWER SUPPLY
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Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



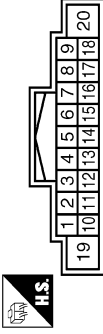
Terminal No.	3	Color of Wire	L	Signal Name [Specification]	ACC
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Connector No.	M75
Connector Name	DISPLAY UNIT (WITH NAVI)
Connector Type	TH24FW-NH



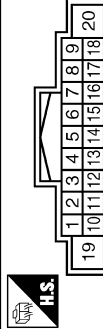
Terminal No.	3	Color of Wire	LG	Signal Name [Specification]	ACC
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Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



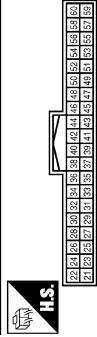
Terminal No.	7	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CS2



Terminal No.	7	Color of Wire	V	Signal Name [Specification]	ACC
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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
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Connector No.	M111
Connector Name	POD ADAPTER
Connector Type	TH24FW-NH



Terminal No.	3	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MY-CS16-TM4



Terminal No.	21	Color of Wire	G	Signal Name [Specification]	
	40	Color of Wire	W	Signal Name [Specification]	
	61	Color of Wire	SB	Signal Name [Specification]	

JCMWM3116GI

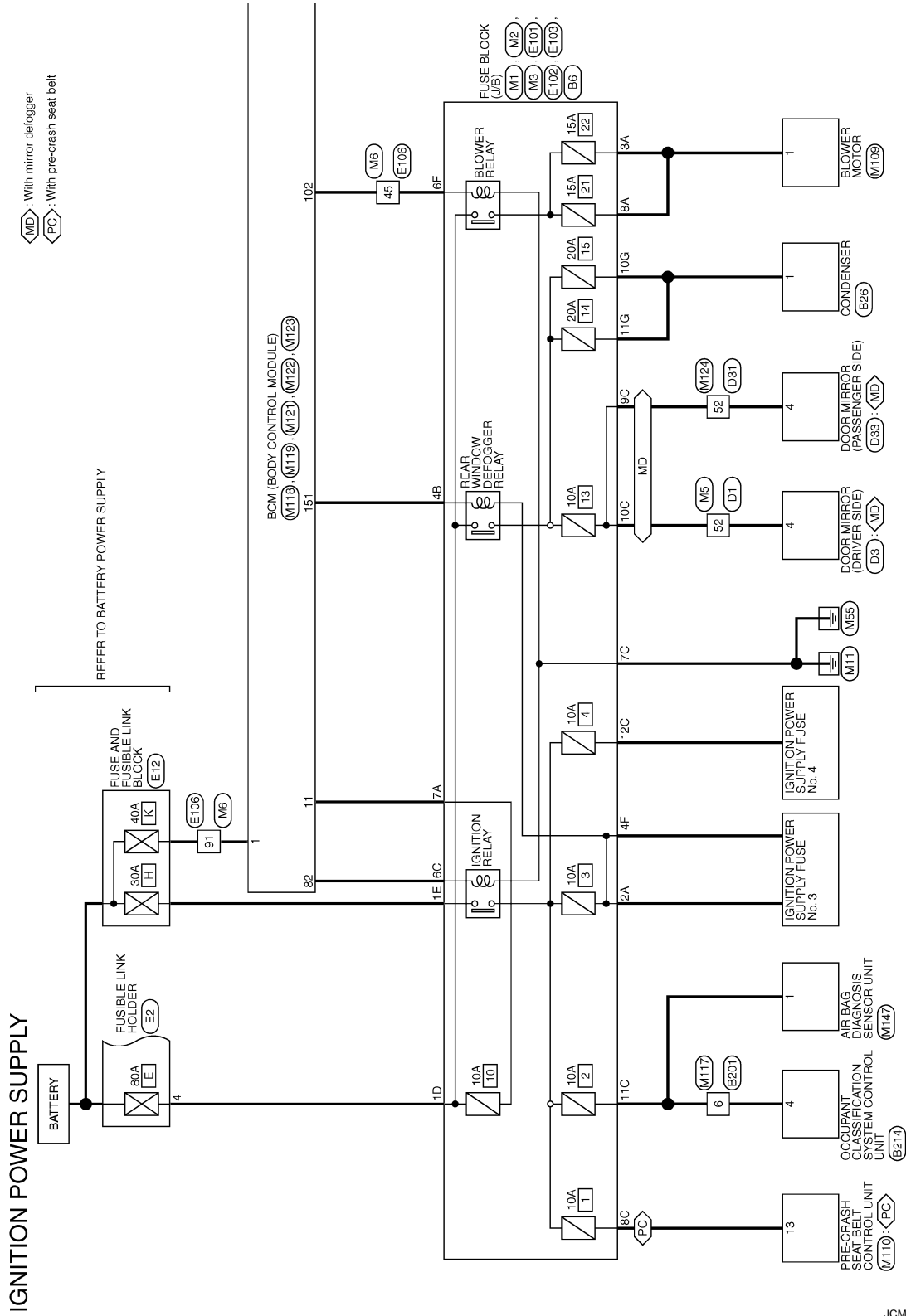
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY -

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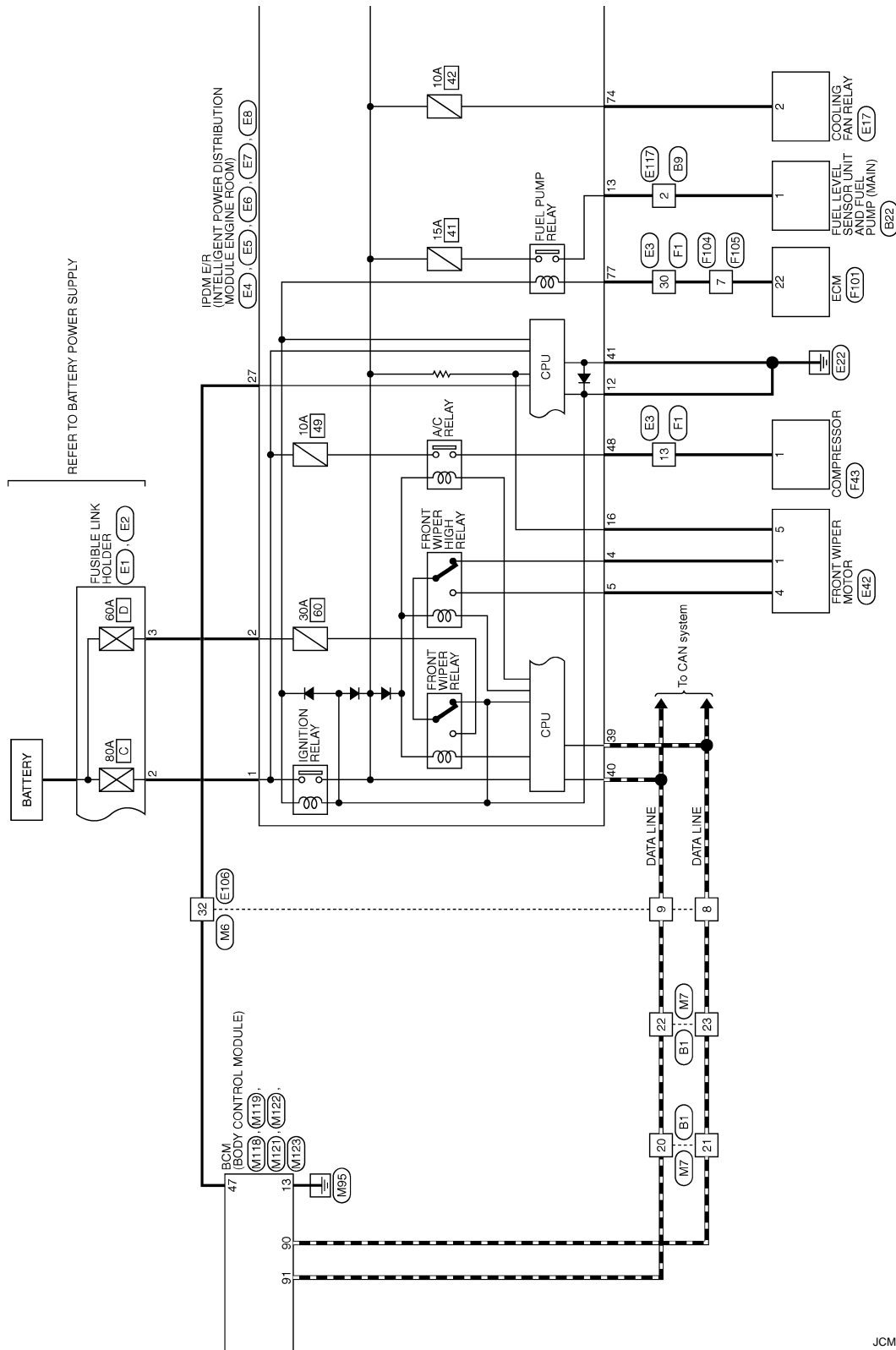
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



JCMWM3118GI

POWER SUPPLY ROUTING CIRCUIT

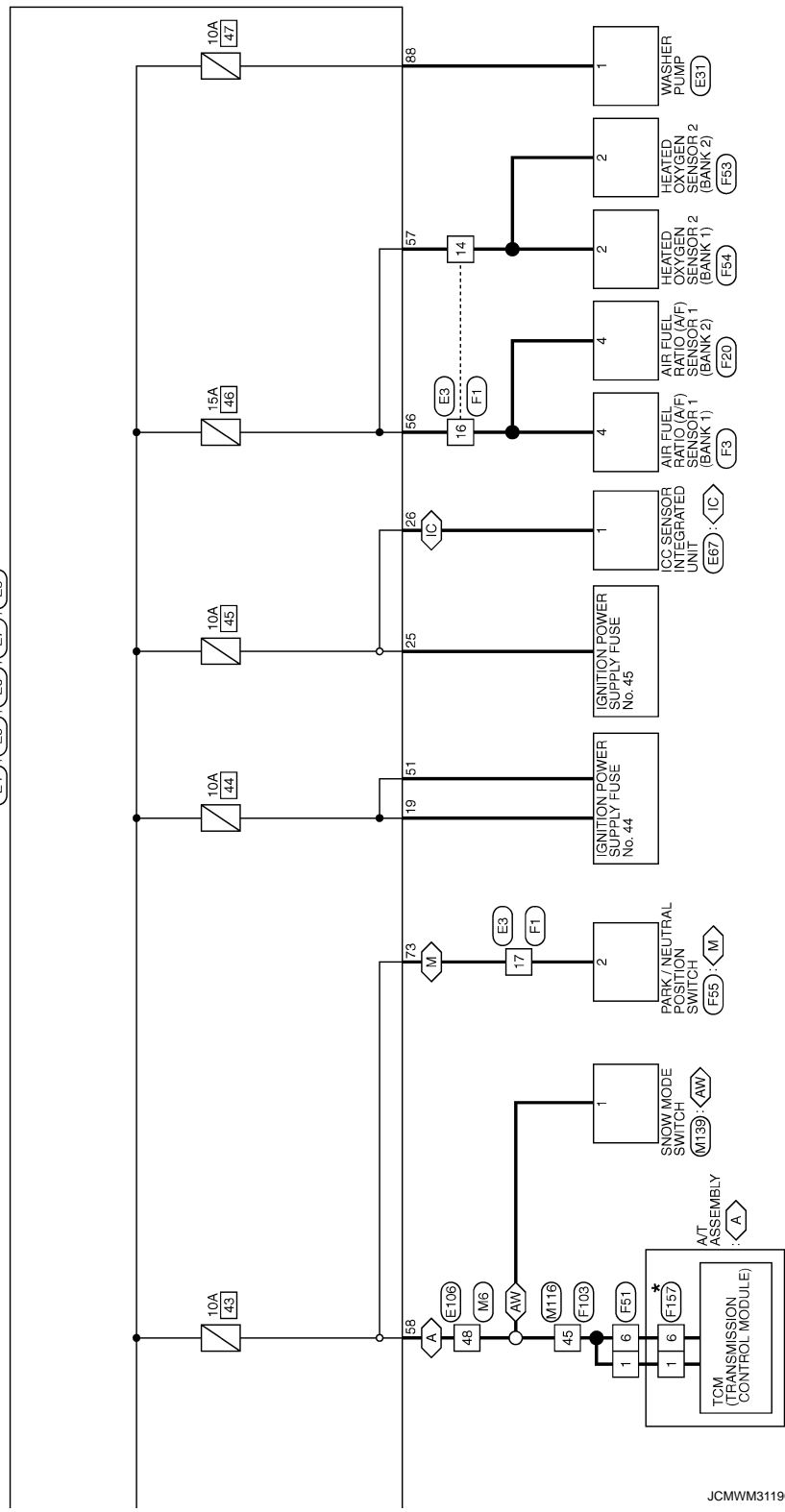
[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- : With AT
- : With M/T
- : With ICC
- : AWD models

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

IPDM/ER
(INTELLIGENT POWER DISTRIBUTION
MODULE ENGINE ROOM)
(E4) (E5) (E6) (E7) (E8)



JCMWM3119GI

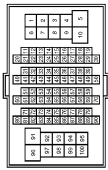

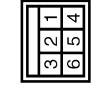
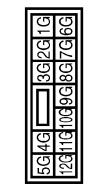



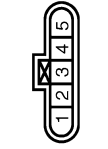

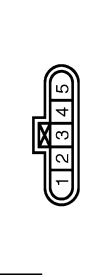
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. B1	WIRE TO WIRE TH80FW-CS16-TM4		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	TH80FW-CS16-TM4		20	L	-
Connector Type			21	P	-
			22	L	-
			23	P	-
Connector No. B2	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MANN)		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MANN)		1	P	-
Connector Type	EB5FY-RS				
Connector No. B3	WIRE TO WIRE		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	WIRE TO WIRE		2	P	-
Connector Type	M08FW-LC				
Connector No. B6	FUSE BLOCK (J/B)		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	FUSE BLOCK (J/B)		10G	W	-
Connector Type	NS17FBR-CS		11G	W	-
Connector No. B201	WIRE TO WIRE		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	WIRE TO WIRE				
Connector Type	TH80FW-CS16-TM4				
Connector No. B201	WIRE TO WIRE		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	WIRE TO WIRE				
Connector Type	TH80FW-CS16-TM4				
Connector No. B26	CONDENSER		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	CONDENSER		1	Y	-
Connector Type	M01FW-LC				
Connector No. B22	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MANN)		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MANN)				
Connector Type	EB5FY-RS				
Connector No. B214	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT		4	R	IGN
Connector Type	TH80FW-NH				
Connector No. D1	WIRE TO WIRE		Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	WIRE TO WIRE		52	L	-
Connector Type	TH40FW-CS15				

JCMWM3120G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

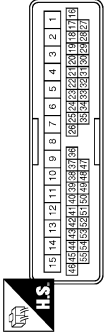
IGNITION POWER SUPPLY

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH2MW-NH



Terminal No.	4	L	-	Signal Name [Specification]
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Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH4QFY-CS15



Terminal No.	52	L	-	Signal Name [Specification]
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Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH2MW-NH



Terminal No.	4	L	-	Signal Name [Specification]
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Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FBR-MC



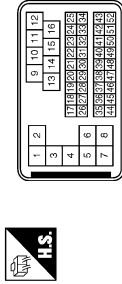
Terminal No.	2	W	-	Signal Name [Specification]
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Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FGY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA36MB-RS8-SH28



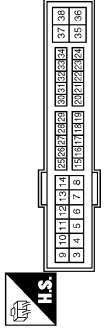
Terminal No.	13	BR	-	Signal Name [Specification]
Terminal No.	14	G	-	Signal Name [Specification]
Terminal No.	16	LG	-	Signal Name [Specification]
Terminal No.	17	P	-	Signal Name [Specification]
Terminal No.	30	R	-	Signal Name [Specification]

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



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

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



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

JCMWM3121G

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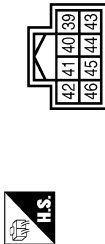
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

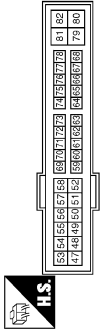
IGNITION POWER SUPPLY

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH88VH-N1



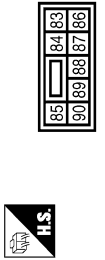
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/W	-

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS/2-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
51	Y	-
56	LG	-
57	G	-
58	L	-
72	P	-
74	G	-
77	R	-

Connector No.	E8
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS88FW-CS



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347_3F300



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

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	ED2FGY-RS



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

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS0DFGY



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

Connector No.	E67
Connector Name	ICC SENSOR INTEGRATED UNIT
Connector Type	RS08FB-PR



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

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



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

JCMWM3122G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

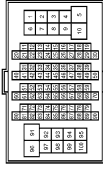
IGNITION POWER SUPPLY

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



Terminal No.	2	Y	Signal Name [Specification]
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Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TRHDFW-CS16-TM4



Terminal No.	8	P	Signal Name [Specification]
9	L	-	
32	O	-	
45	BR	-	
48	L	-	
91	G	-	

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FY-CS



Terminal No.	4F	G	Signal Name [Specification]
6F	BR	-	

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02EP-LC



Terminal No.	1E	G	Signal Name [Specification]
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Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



Terminal No.	1	L	Signal Name [Specification]
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Connector No.	F20
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZ04FDGY



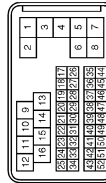
Terminal No.	4	Y	Signal Name [Specification]
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Connector No.	F3
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZ04FDGY



Terminal No.	4	Y	Signal Name [Specification]
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Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA39FE-RS8-SHZ8



Terminal No.	13	L	Signal Name [Specification]
14	LG	-	
16	Y	-	
17	W	-	
30	R	-	


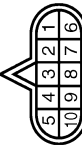









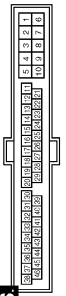




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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. F51	Connector Name A/T ASSEMBLY	Connector Type RK10FG-DGY	 	Terminal No. 1 6	Color of Wire Y G	Signal Name [Specification] -
Connector No. F53	Connector Name HEATED OXYGEN SENSOR 2 (BANK 2)	Connector Type AFZGAFB	 	Terminal No. 2	Color of Wire LG	Signal Name [Specification] -
Connector No. F54	Connector Name HEATED OXYGEN SENSOR 2 (BANK 1)	Connector Type AFZGAFB	 	Terminal No. 2	Color of Wire R	Signal Name [Specification] -
Connector No. F55	Connector Name PARK / NEUTRAL POSITION SWITCH	Connector Type RK02FB	 	Terminal No. 2	Color of Wire W	Signal Name [Specification] -
Connector No. F101	Connector Name ECM	Connector Type RH40FB-RZ8-L-LH-Z	 	Terminal No. 22	Color of Wire R	Signal Name [Specification] EPR
Connector No. F103	Connector Name WIRE TO WIRE	Connector Type TK38FW-NS10	 	Terminal No. 45	Color of Wire G	Signal Name [Specification] -
Connector No. F104	Connector Name WIRE TO WIRE	Connector Type TH08FW-NH	 	Terminal No. 7	Color of Wire R	Signal Name [Specification] -
Connector No. F105	Connector Name WIRE TO WIRE	Connector Type TH08MW-NH	 	Terminal No. 7	Color of Wire R	Signal Name [Specification] -

JCMWM3124G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F157
Connector Name	TOM (TRANSMISSION CONTROL MODULE)
Connector Type	SFI0FG



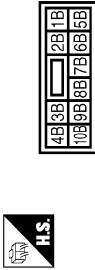
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VIGN
6	GR	VIGN

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NSG0FW-M2



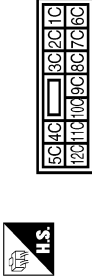
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	-
3A	L	-
7A	R	-
8A	L	-

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



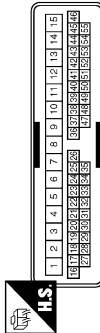
Terminal No.	Color of Wire	Signal Name [Specification]
4B	G	-

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	-
8C	W	-
9C	O	-
10C	L	-
11C	LG	-
12C	R	-

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
8	P	-
9	L	-
32	Y	-
45	O	-
48	Y	-
91	W	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
20	L	-
21	P	-
22	L	-
23	P	-

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	NS303FW-M3



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M110	Connector No.	M116	Connector No.	M117	Connector No.	M118
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH20FW-TB6	Connector Type	TK3BMP-NS10	Connector Type	TH20MW-CS18-TM4	Connector Type	TM3FB-LC

Terminal No.	13	Terminal No.	45	Terminal No.	6	Terminal No.	1
Color of Wire	W	Color of Wire	Y	Color of Wire	R	Color of Wire	W
Signal Name [Specification]	IGN	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	BAT (F/L)

Connector No.	M121	Connector No.	M122	Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FGY-NH	Connector Type	TH40FB-NH	Connector Type	TH40FG-NH

Terminal No.	47	Terminal No.	82	Terminal No.	151
Color of Wire	Y	Color of Wire	R	Color of Wire	G
Signal Name [Specification]	IGN RELAY (PDMLE/R) CONT	Signal Name [Specification]	IGN RELAY (F/B) CONT CAN-L CAN-H	Signal Name [Specification]	REAR WINDOW DEFOGGER RELAY CONT

Terminal No.	11	Terminal No.	102
Color of Wire	R	Color of Wire	O
Signal Name [Specification]	BAT (FUSE) GND	Signal Name [Specification]	BLOWER FAN MOTOR RELAY CONT

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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

Terminal No.	52	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M139
Connector Name	SNOW MODE SWITCH
Connector Type	TK08PW

Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK28FY-EX-SC

Terminal No.	1	Color of Wire	LG	Signal Name [Specification]	IGN
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POWER SUPPLY ROUTING CIRCUIT

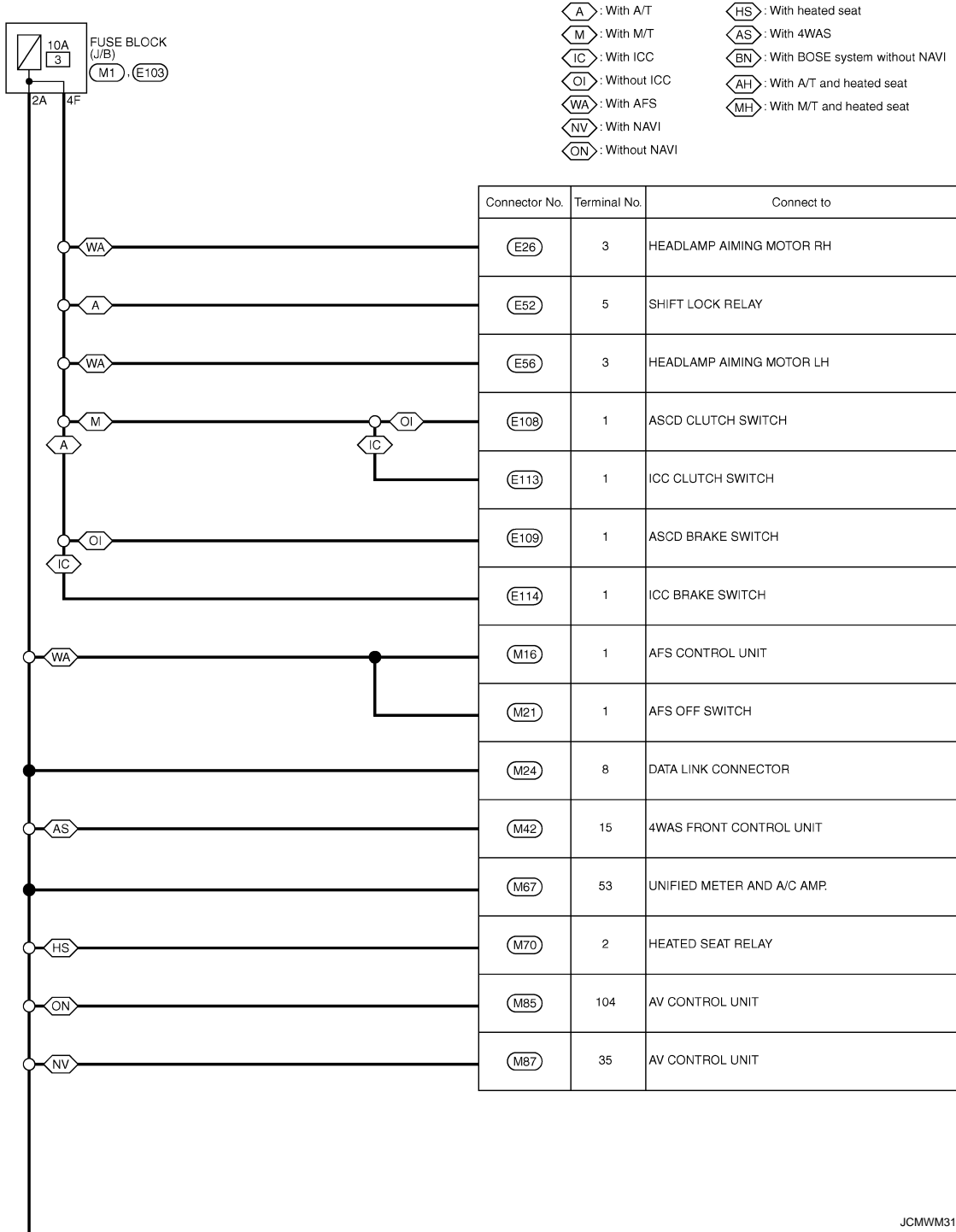
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

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IGNITION POWER SUPPLY FUSE No. 3

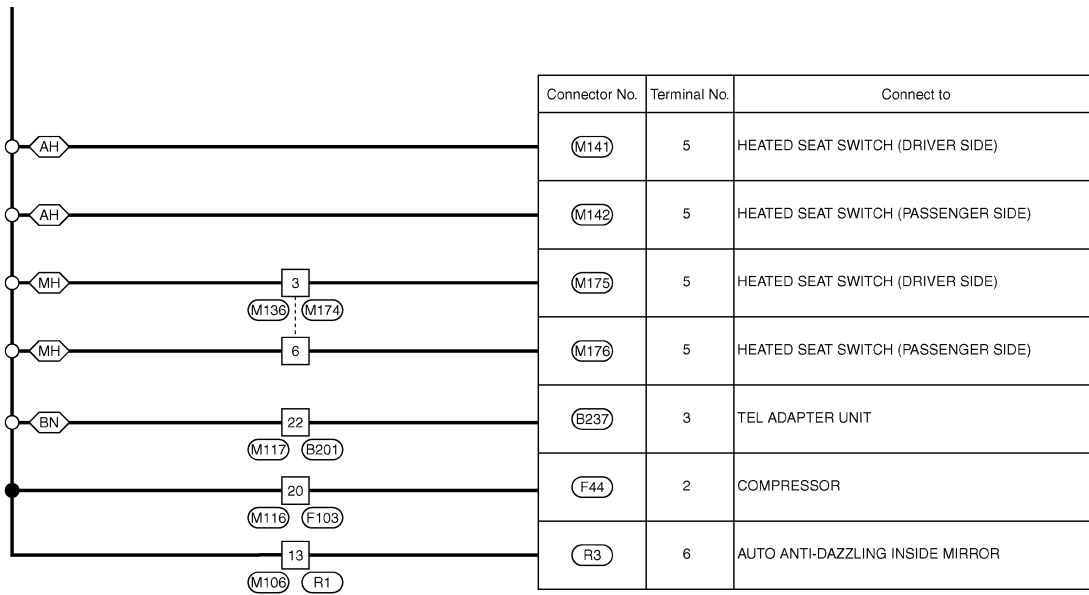


JCMWM3128G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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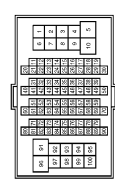
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

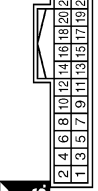
IGNITION POWER SUPPLY FUSE No. 3

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



Terminal No.	22	Color of Wire	W	Signal Name [Specification]	-
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Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH432FW-NH



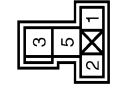
Terminal No.	3	Color of Wire	W	Signal Name [Specification]	IGNITION
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Connector No.	E26
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	RV03FB



Terminal No.	3	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E22
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02FL-M2



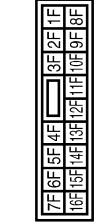
Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	E56
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	RV03FB



Terminal No.	3	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



Terminal No.	4F	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E108
Connector Name	ASCD CLUTCH SWITCH
Connector Type	S02FL



Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E109
Connector Name	ASCD BRAKE SWITCH
Connector Type	S02FL



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

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E113
Connector Name	ICC CLUTCH SWITCH
Connector Type	S0PFL



Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E114
Connector Name	ICC BRAKE SWITCH
Connector Type	S0ZFL



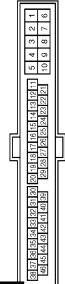
Terminal No.	1	Color of Wire	G	Signal Name [Specification]	- [With A/T]
	1		R		- [With M/T]

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	FKGZFGY



Terminal No.	2	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK36FW-NS10

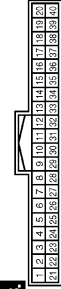


Terminal No.	20	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



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



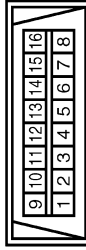
Terminal No.	2A	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M21
Connector Name	AFS OFF SWITCH
Connector Type	TK08FW-1V



Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW-P



Terminal No.	8	Color of Wire	G	Signal Name [Specification]	-
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M42
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	TK22FW

Terminal No.	15	Color of Wire	G	Signal Name [Specification]	IGN
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Connector No.	M67
Connector Name	UNIFIED METER AND A.C AMP.
Connector Type	TH32FW-NH

Terminal No.	53	Color of Wire	G	Signal Name [Specification]	IGNITION POWER SUPPLY
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Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS2FEL-M2-LC

Terminal No.	2	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M85
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH32FW-NH

Terminal No.	104	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH

Terminal No.	35	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	M106
Connector Name	WIRES TO WIRE
Connector Type	TK10MW-NSB

Terminal No.	13	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	M116
Connector Name	WIRES TO WIRE
Connector Type	TK3BMW-NS10

Terminal No.	20	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M117
Connector Name	WIRES TO WIRE
Connector Type	TH80MW-C516-TM4

Terminal No.	22	Color of Wire	V	Signal Name [Specification]	-
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JCMWM3132G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

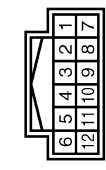
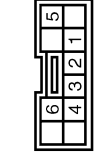
[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M136	Connector No.	M141	Connector No.	M142	Connector No.	M174
Connector Name	WIRE TO WIRE	Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)	Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH	Connector Type	TK10FW	Connector Type	TK08FBR	Connector Type	TH12MFP-NH

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

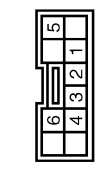
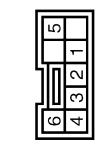
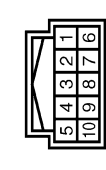
Terminal No.	6	Terminal No.	5	Terminal No.	13	Terminal No.	6
Color of Wire	W	Color of Wire	P	Color of Wire	BR	Color of Wire	BR
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGN



Connector No.	M175	Connector No.	M176	Connector No.	R1	Connector No.	R3
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)	Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Name	WIRE TO WIRE	Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TK10FW	Connector Type	TK08FBR	Connector Type	TK10FW-NS8	Connector Type	TH10FB-NH

Terminal No.	3	Terminal No.	5	Terminal No.	5	Terminal No.	6
Color of Wire	W	Color of Wire	W	Color of Wire	W	Color of Wire	W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

Terminal No.	6	Terminal No.	5	Terminal No.	13	Terminal No.	6
Color of Wire	W	Color of Wire	P	Color of Wire	BR	Color of Wire	BR
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGN



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POWER SUPPLY ROUTING CIRCUIT



< DTC/CIRCUIT DIAGNOSIS >

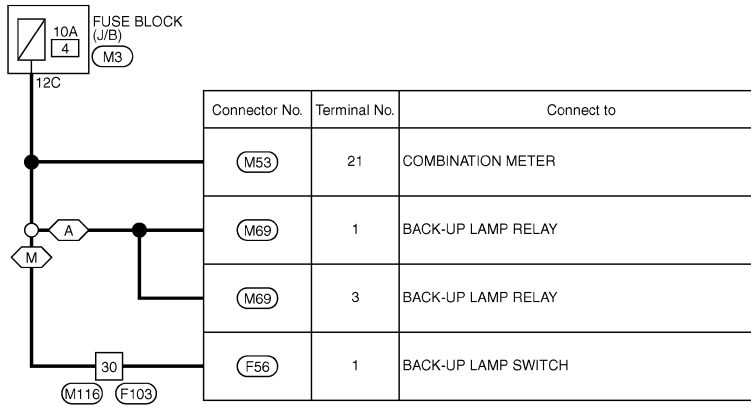
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -

INFOID:000000004248131

IGNITION POWER SUPPLY FUSE No. 4

 : With A/T
 : With M/T



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JCMWM3134G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE No. 4

Connector No.	F56
Connector Name	BACK-UP LAMP SWITCH
Connector Type	RK02FB



Terminal No.	1	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



Terminal No.	30	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M3
Connector Name	FUSE BLOCK (L/B)
Connector Type	NS12FW-CS



Terminal No.	12C	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M63
Connector Name	COMBINATION METER
Connector Type	SAB6FW



Terminal No.	21	Color of Wire	R	Signal Name [Specification]	IGNITION POWER SUPPLY
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Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-MZ-LC



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

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



Terminal No.	30	Color of Wire	LG	Signal Name [Specification]	-
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POWER SUPPLY ROUTING CIRCUIT

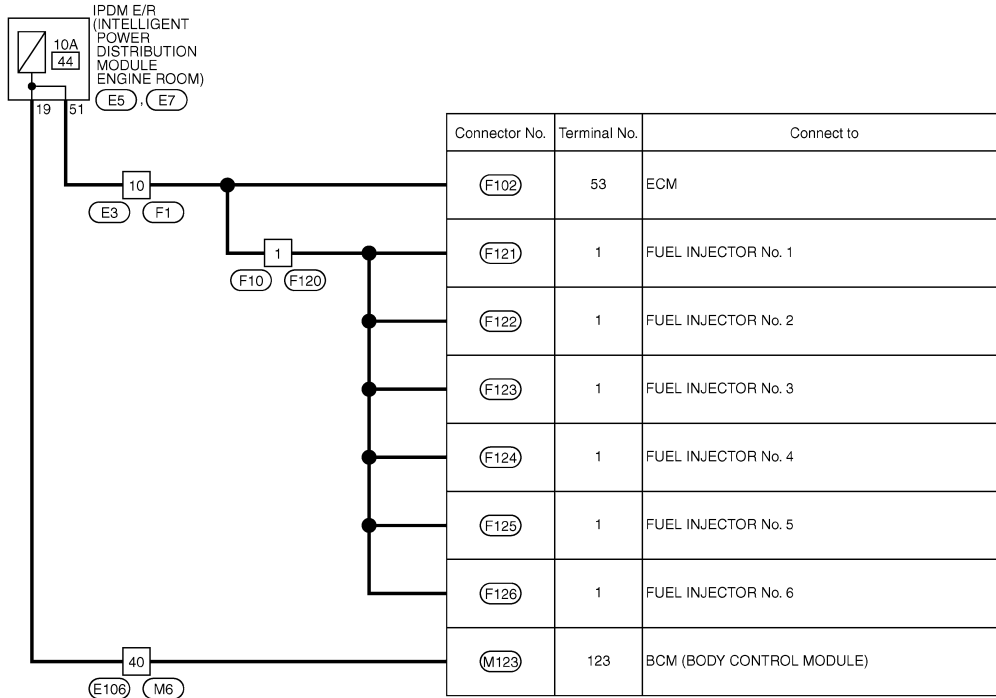
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000004248132

IGNITION POWER SUPPLY FUSE No. 44



2008/08/22

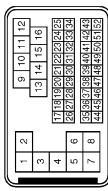
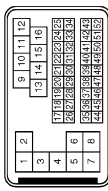
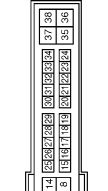
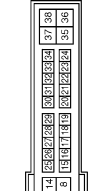
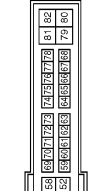
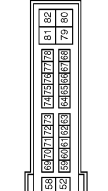
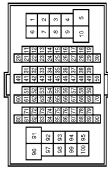
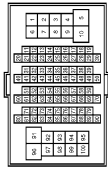
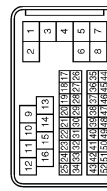
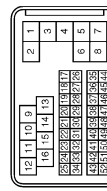
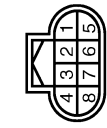
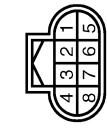
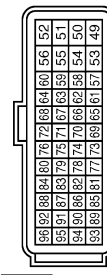
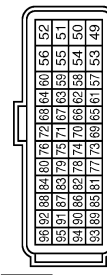


JCMWM3136G

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No. E3	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 10	Color of Wire Y	Signal Name [Specification]
Connector No. E3	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 10	Color of Wire Y	Signal Name [Specification]
Connector No. E5	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 19	Color of Wire W	Signal Name [Specification]
Connector No. E5	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 19	Color of Wire W	Signal Name [Specification]
Connector No. E7	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 51	Color of Wire Y	Signal Name [Specification]
Connector No. E7	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 51	Color of Wire Y	Signal Name [Specification]
Connector No. E106	WIRE TO WIRE FH80FW-CS16-TM4		Terminal No. 40	Color of Wire W	Signal Name [Specification]
Connector No. E106	WIRE TO WIRE FH80FW-CS16-TM4		Terminal No. 40	Color of Wire W	Signal Name [Specification]
Connector No. F1	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 10	Color of Wire G	Signal Name [Specification]
Connector No. F1	WIRE TO WIRE SAA39FB-RS8-SHZ8		Terminal No. 10	Color of Wire G	Signal Name [Specification]
Connector No. F10	WIRE TO WIRE RH00FB		Terminal No. 1	Color of Wire G	Signal Name [Specification]
Connector No. F10	WIRE TO WIRE RH00FB		Terminal No. 1	Color of Wire G	Signal Name [Specification]
Connector No. F102	WIRE TO WIRE RH40FB-R28-L-LH-Z		Terminal No. 53	Color of Wire W	Signal Name [Specification]
Connector No. F102	WIRE TO WIRE RH40FB-R28-L-LH-Z		Terminal No. 53	Color of Wire W	Signal Name [Specification]
Connector No. F120	WIRE TO WIRE RH008B		Terminal No. 1	Color of Wire G	Signal Name [Specification]
Connector No. F120	WIRE TO WIRE RH008B		Terminal No. 1	Color of Wire G	Signal Name [Specification]

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F121	Connector No.	F122	Connector No.	F123	Connector No.	F124
Connector Name	FUEL INJECTOR No. 1	Connector Name	FUEL INJECTOR No. 2	Connector Name	FUEL INJECTOR No. 3	Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	HS02FGY

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

Connector No.	F125	Connector No.	F126	Connector No.	M6	Connector No.	M123
Connector Name	FUEL INJECTOR No. 5	Connector Name	FUEL INJECTOR No. 6	Connector Name	WIRE TO WIRE	Connector Name	ECM (BODY CONTROL MODULE)
Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	TH80MW-CS (6-TM4)	Connector Type	TH40DFG-NH

Terminal No.	1	Terminal No.	1	Terminal No.	40	Terminal No.	123
Color of Wire	G	Color of Wire	G	Color of Wire	W	Color of Wire	W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGN F/B

JCMWM3138G

POWER SUPPLY ROUTING CIRCUIT




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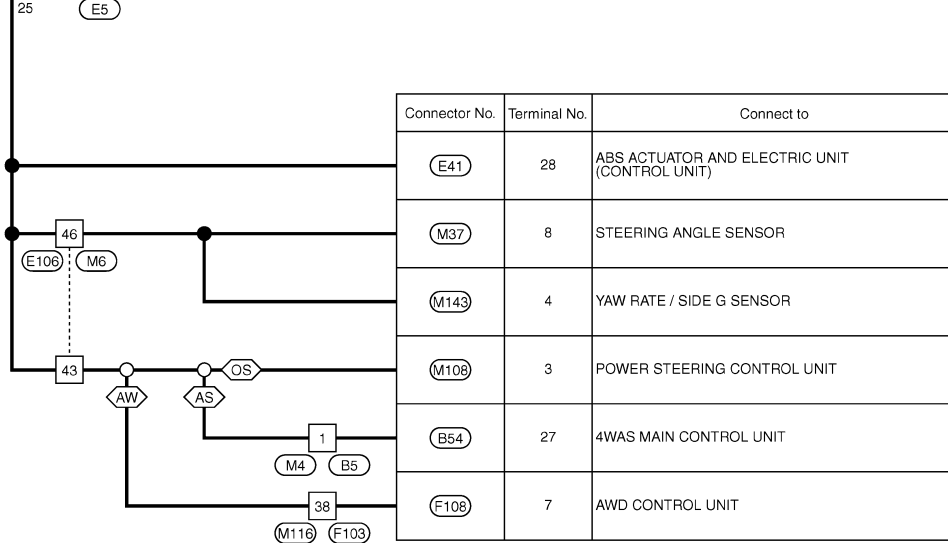
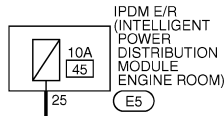
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000004248133

IGNITION POWER SUPPLY FUSE No. 45

-  : AWD models
-  : With 4WAS
-  : Without 4WAS



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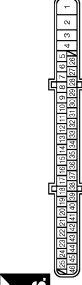
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

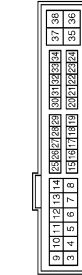
IGNITION POWER SUPPLY FUSE No. 45

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BAA42EB-AH24-LH



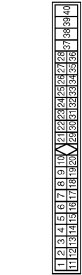
Terminal No.	28	Color of Wire	G	Signal Name [Specification]	UZ
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Connector No.	E5
Connector Name	EPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-CS12-M4-IV




Terminal No.	25	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	B54
Connector Name	4WAS MAIN CONTROL UNIT
Connector Type	A38FW-M4



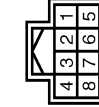
Terminal No.	27	Color of Wire	V	Signal Name [Specification]	IGN
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Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



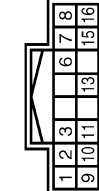
Terminal No.	1	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



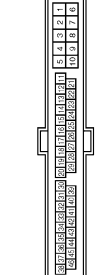
Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	F108
Connector Name	AMD CONTROL UNIT
Connector Type	TH18FW-NH




Terminal No.	7	Color of Wire	G	Signal Name [Specification]	IGN
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



Terminal No.	38	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



Terminal No.	46	Color of Wire	W	Signal Name [Specification]	-
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JCMWM3140G

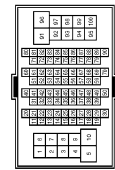
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

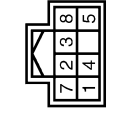
IGNITION POWER SUPPLY FUSE No. 45

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



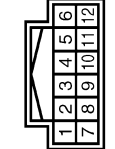
Terminal No.	Color of Wire	Signal Name [Specification]
43	G	-
46	G	-

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH80FW-NH



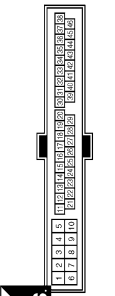
Terminal No.	Color of Wire	Signal Name [Specification]
8	G	IGN

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



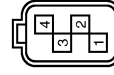
Terminal No.	Color of Wire	Signal Name [Specification]
3	G	VIGN

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MF-NS10



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

Connector No.	M143
Connector Name	YAW RATE / SIDE G. SENSOR
Connector Type	AAZ04FB



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

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POWER SUPPLY ROUTING CIRCUIT

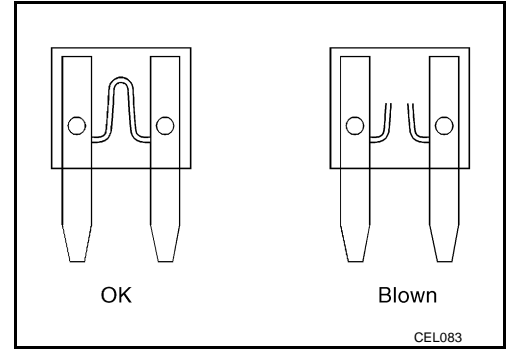
[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Fuse

INFOID:000000004248134

- 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

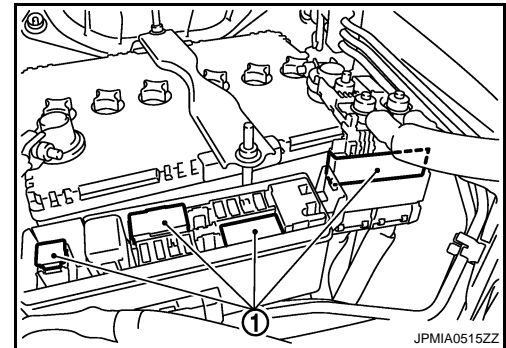
INFOID:000000004248135

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:

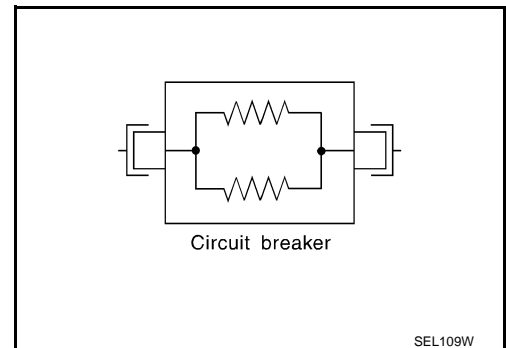
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:000000004248136

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



HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

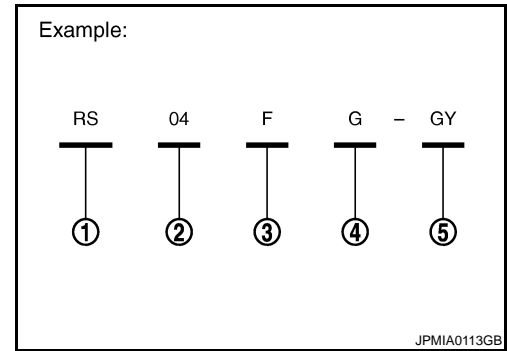
[POWER SUPPLY & GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000004248137

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



CONNECTOR SYMBOL

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

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
Connector symbol				
Ground terminal etc.	—			

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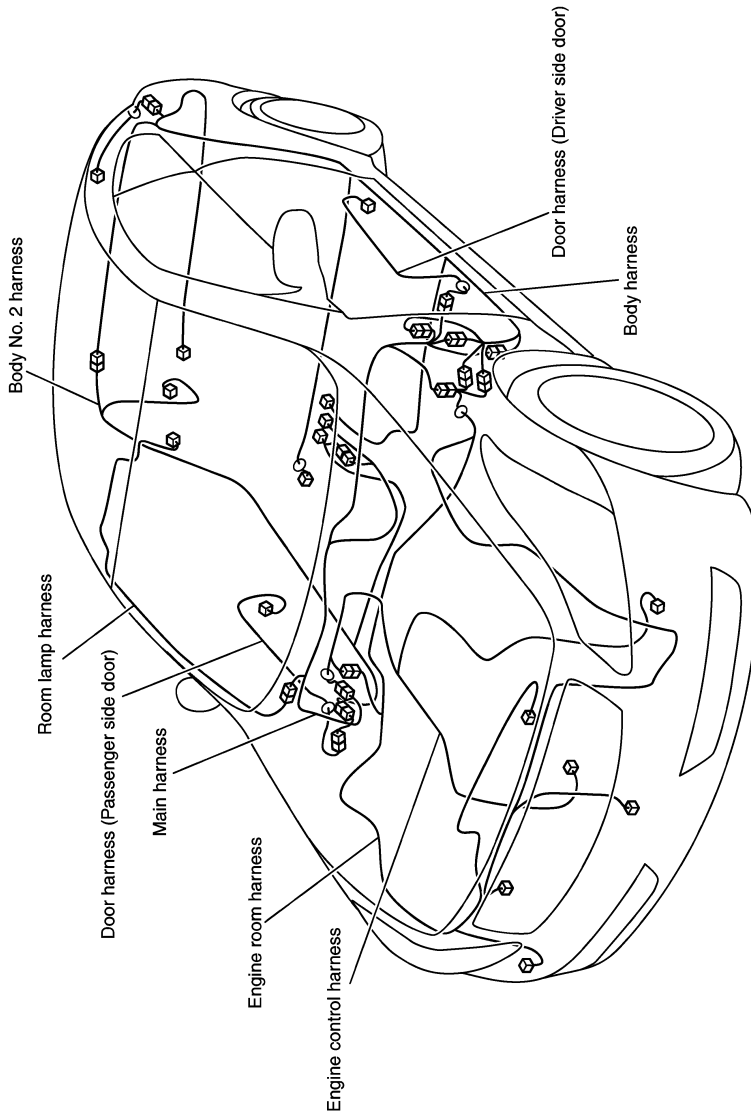
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Outline

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OUTLINE

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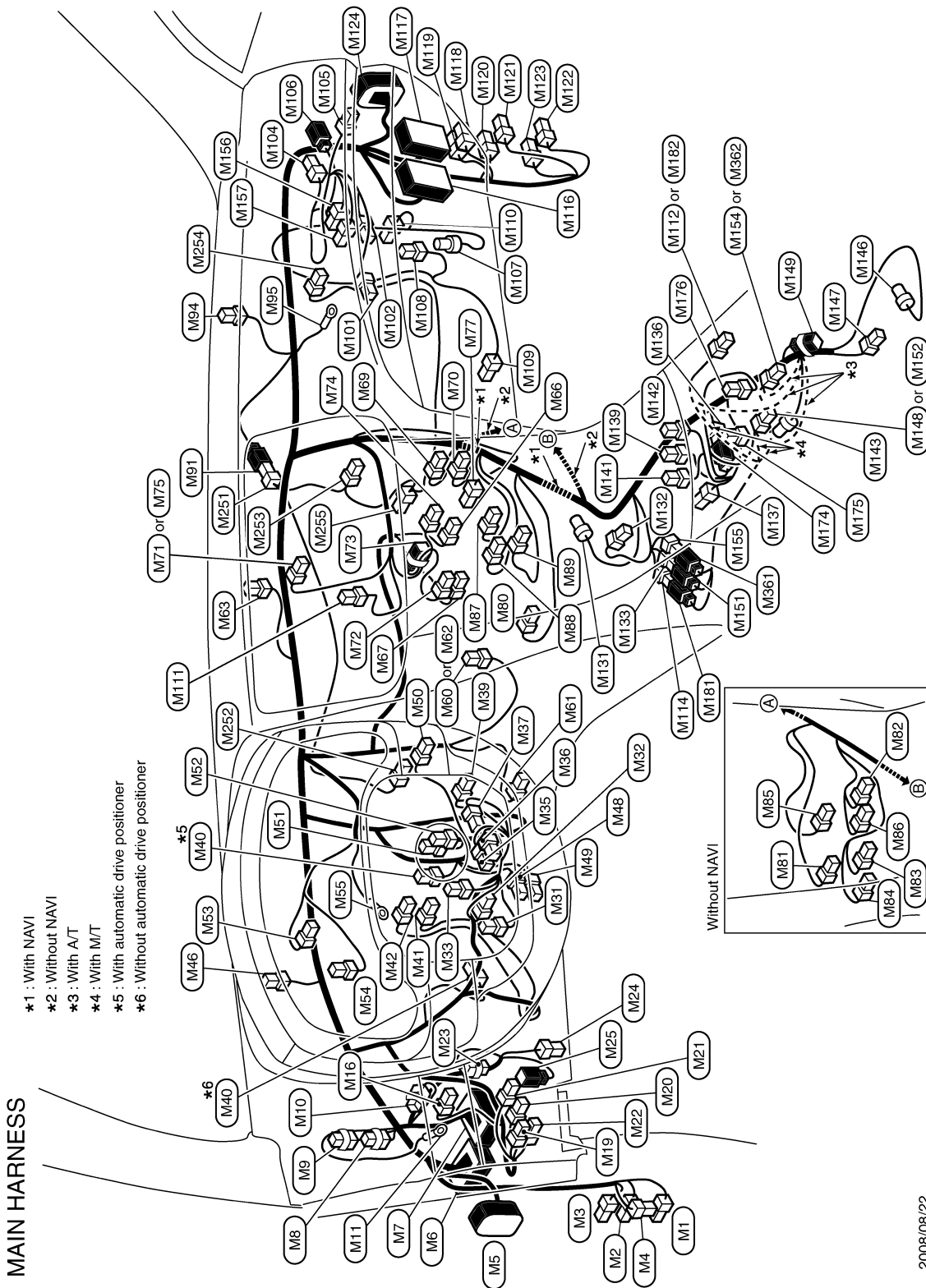
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000004248139



MAIN HARNESS

- *1 : With NAVI
- *2 : Without NAVI
- *3 : With A/T
- *4 : With M/T
- *5 : With automatic drive positioner
- *6 : Without automatic drive positioner

Without NAVI

2008/08/22

JCMIM0569GB

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HARNES LAYOUT

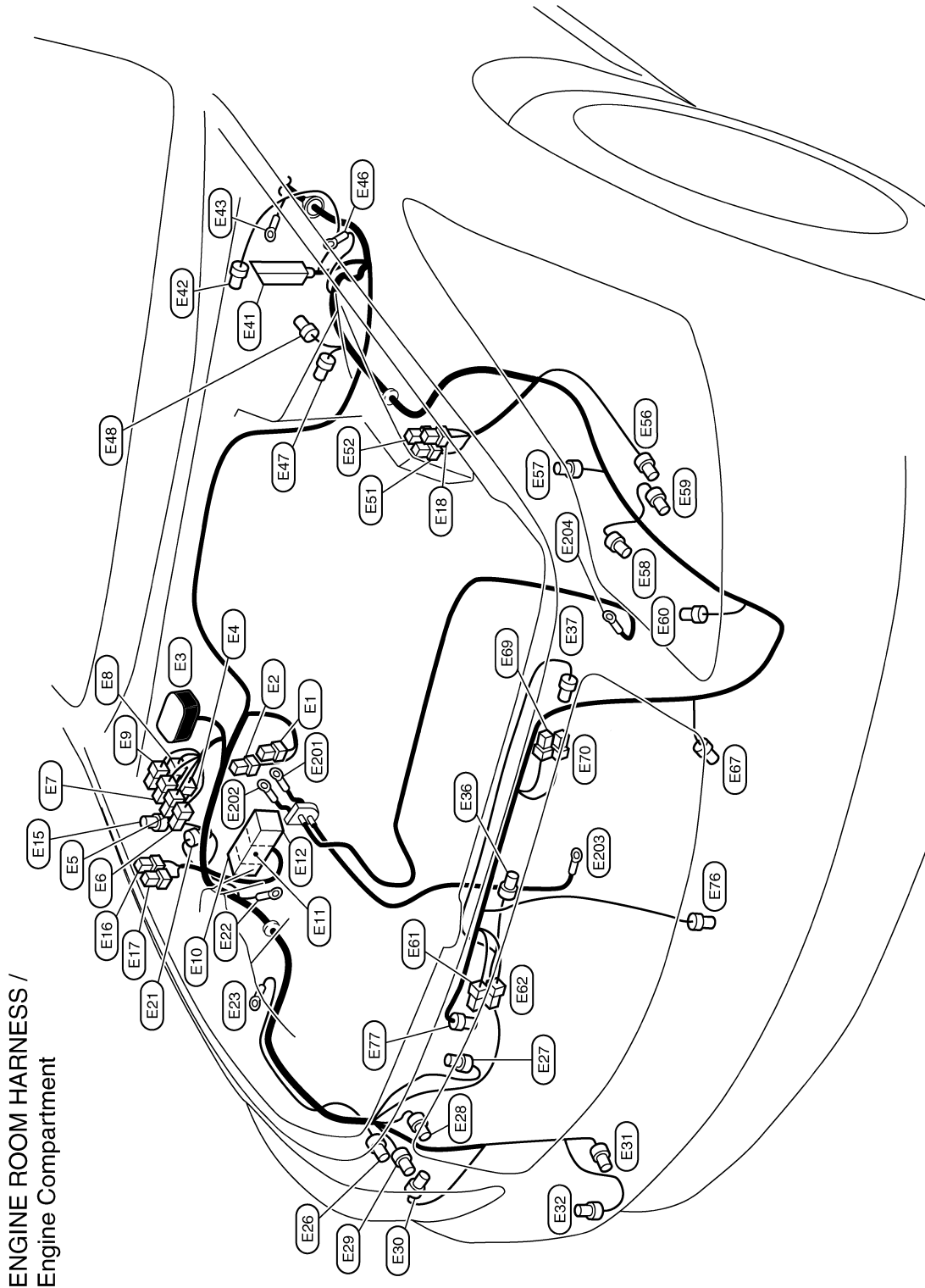
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000004248140

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

2008/08/22

JCMIM0570GB

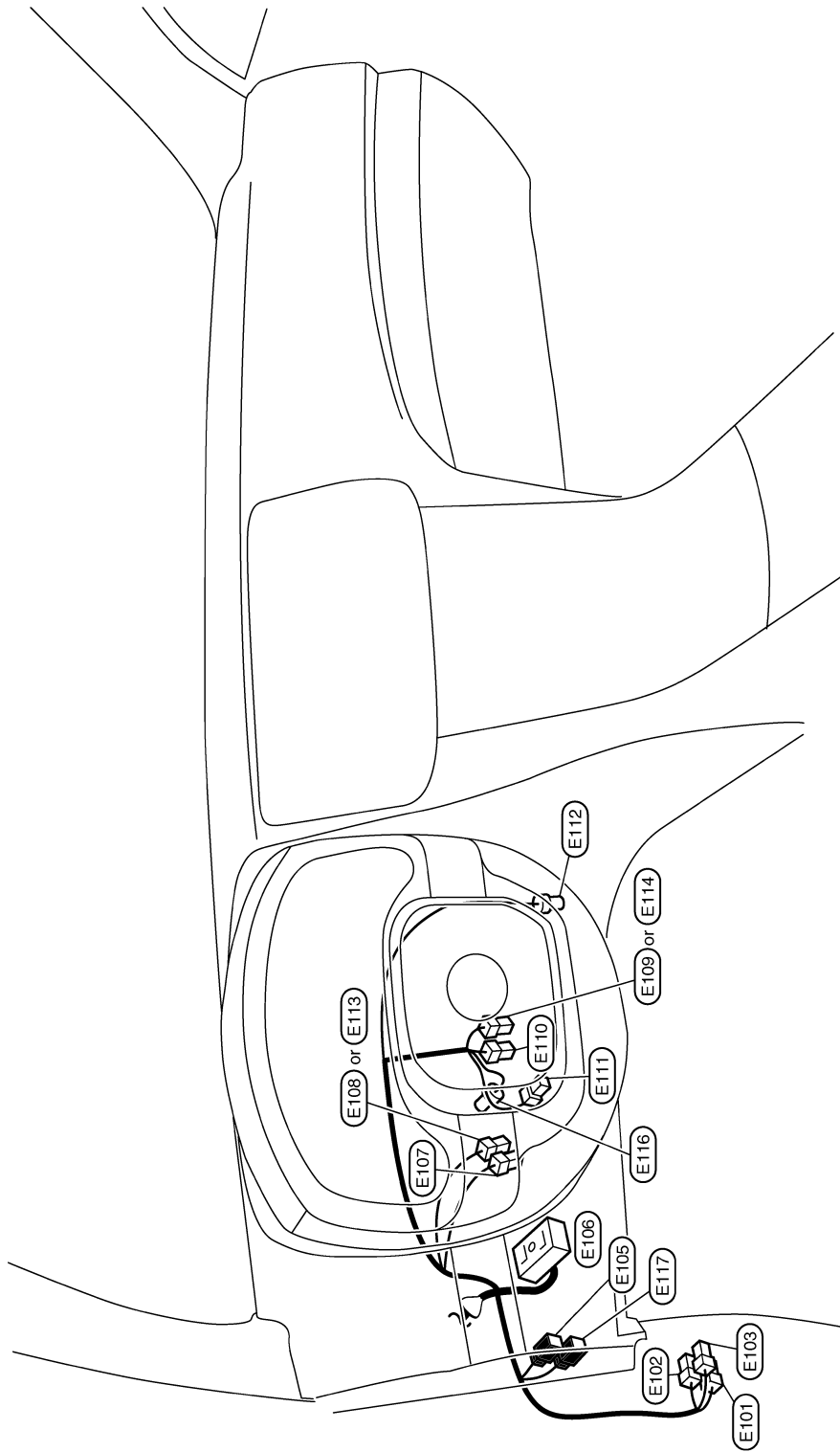
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



2008/08/22

JCMIM0571GB

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HARNES LAYOUT

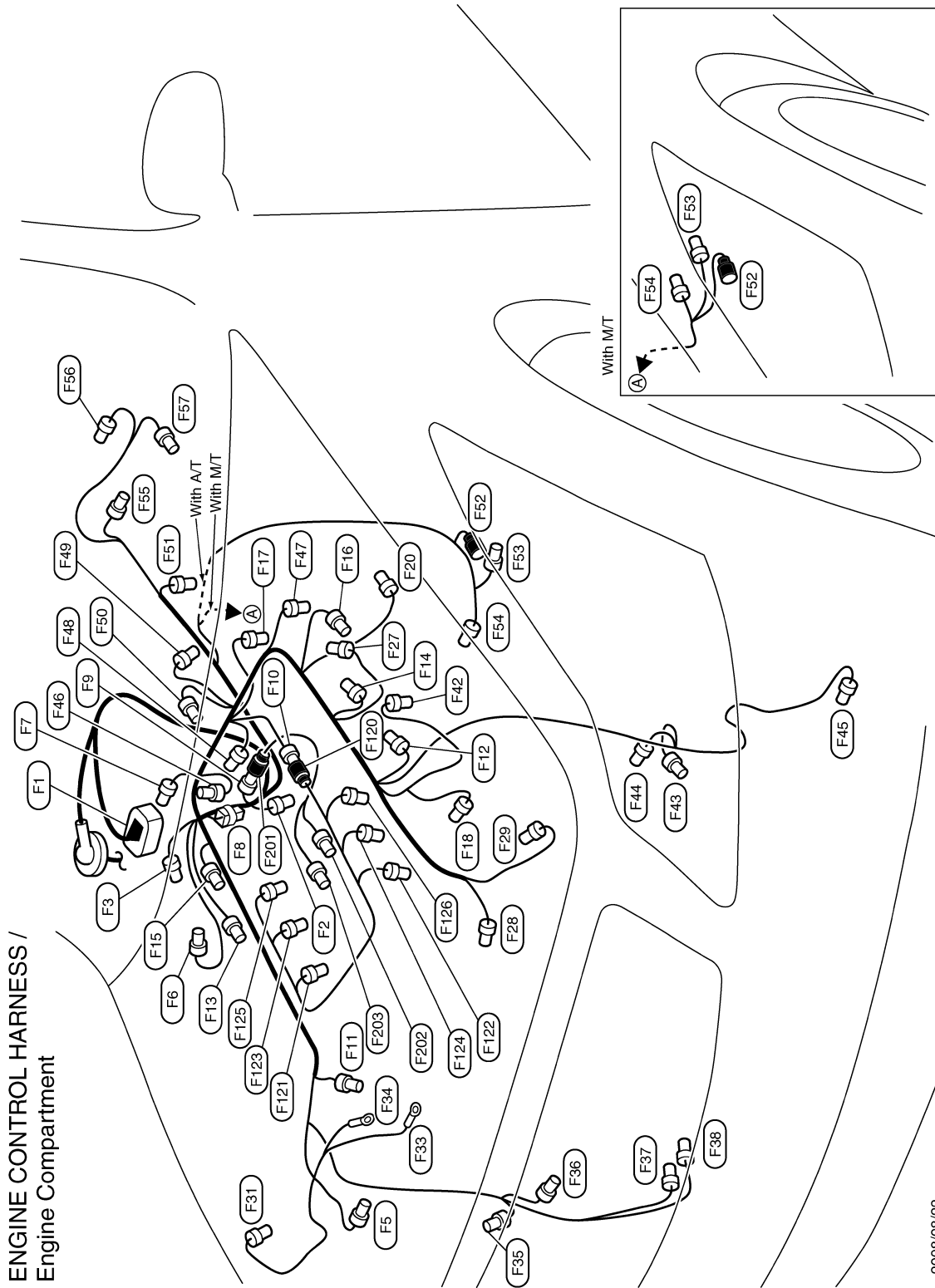
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness

INFOID:000000004248141

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS /
Engine Compartment

2008/08/22

JCMIM0572GB

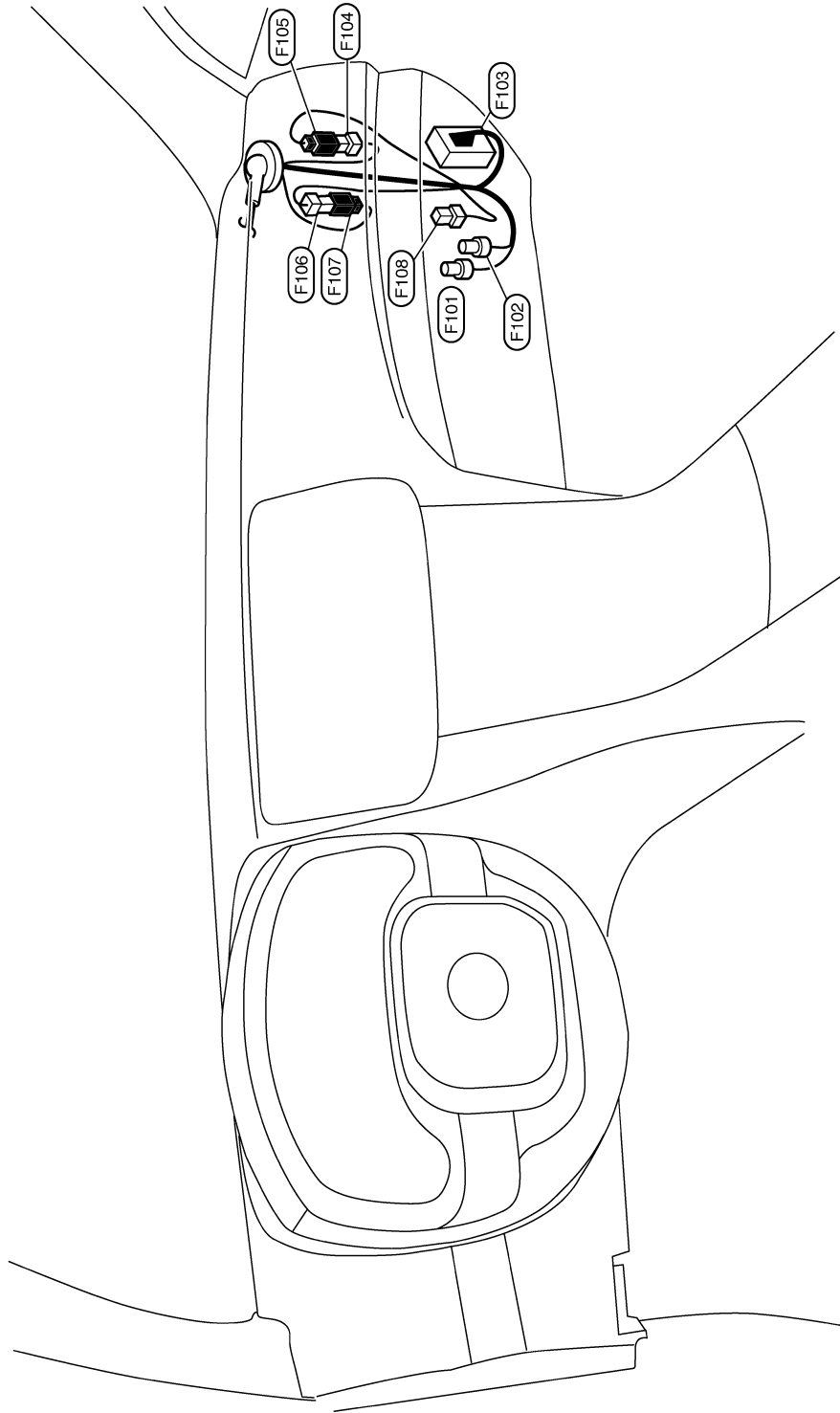
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



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JCMIM0573GB

HARNESS LAYOUT

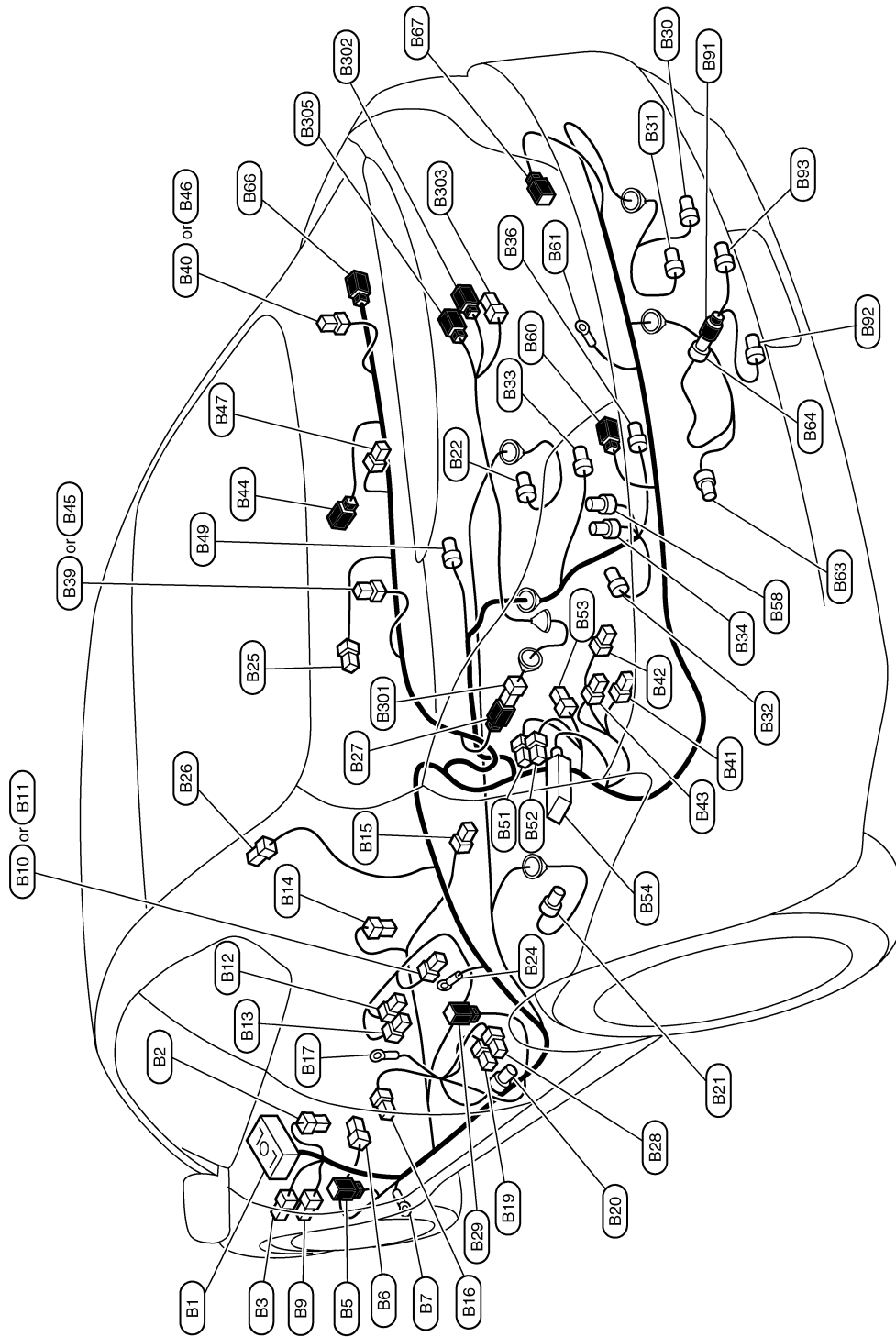
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body Harness

INFOID:000000004248142

BODY HARNESS



2008/08/22

JCMIM0574GB

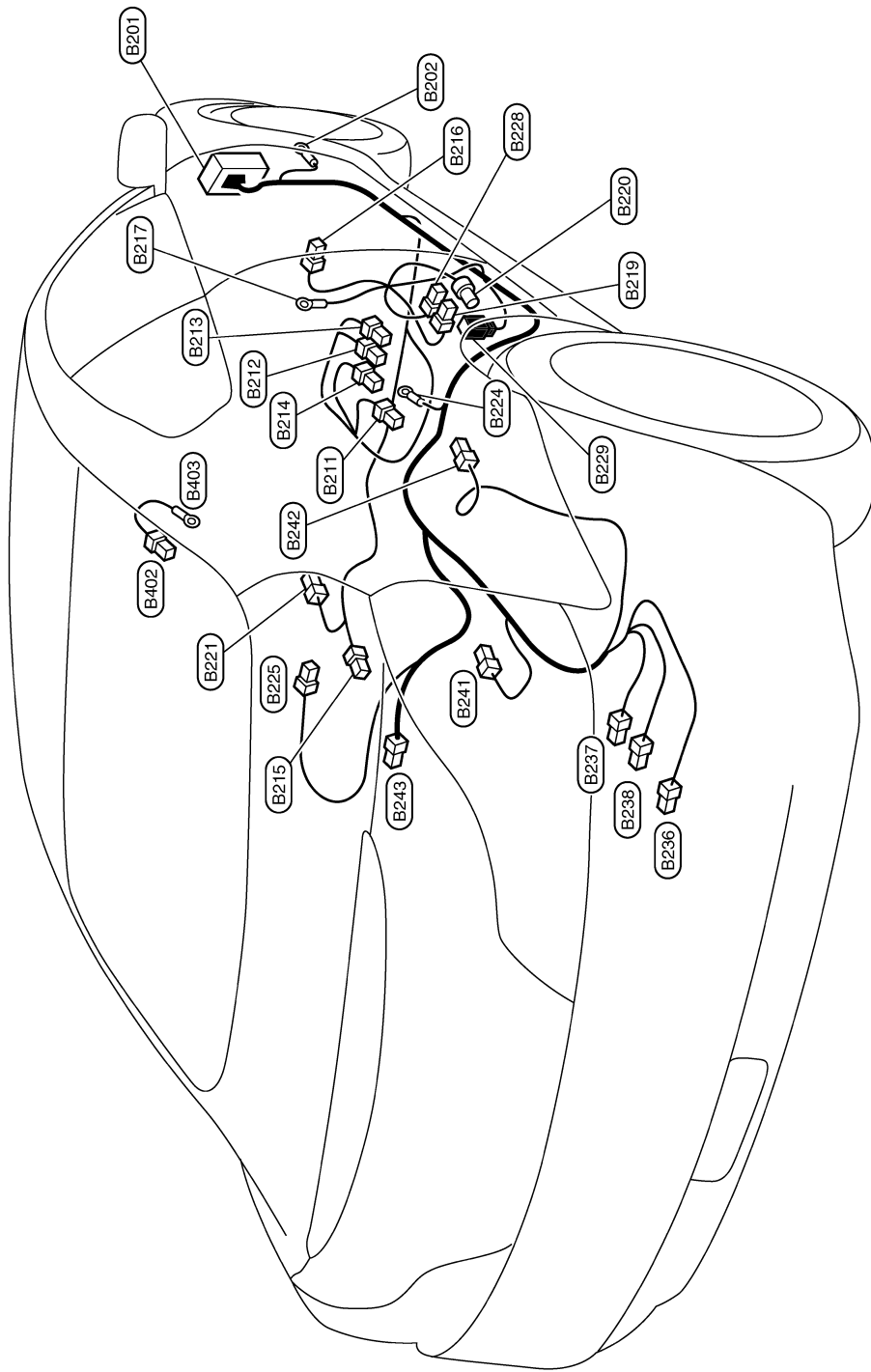
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000004248143



BODY No. 2 HARNESS

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2008/08/22

JCMIM0575GB

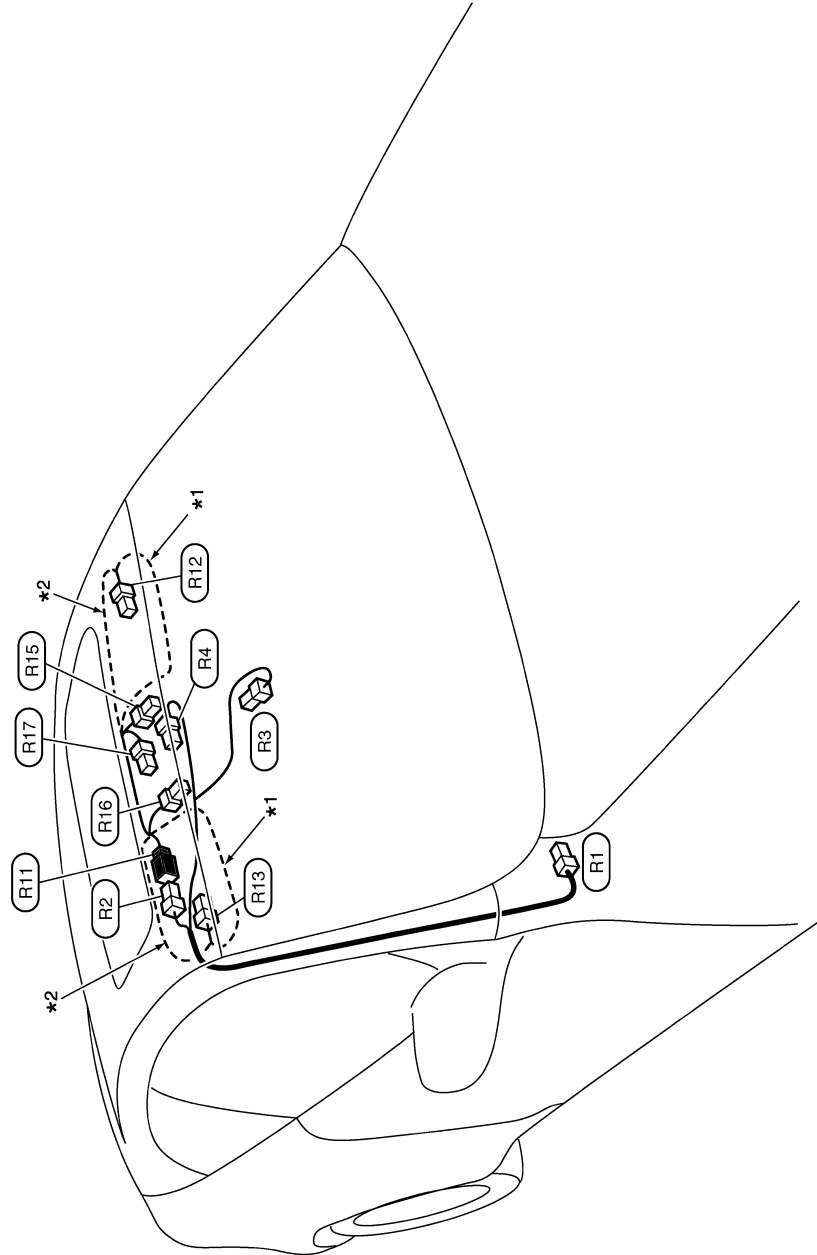
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000004248144



ROOM LAMP HARNESS

*1 : With sunroof
*2 : Without sunroof

2008/08/22

JCMIM0576GB

HARNES LAYOUT

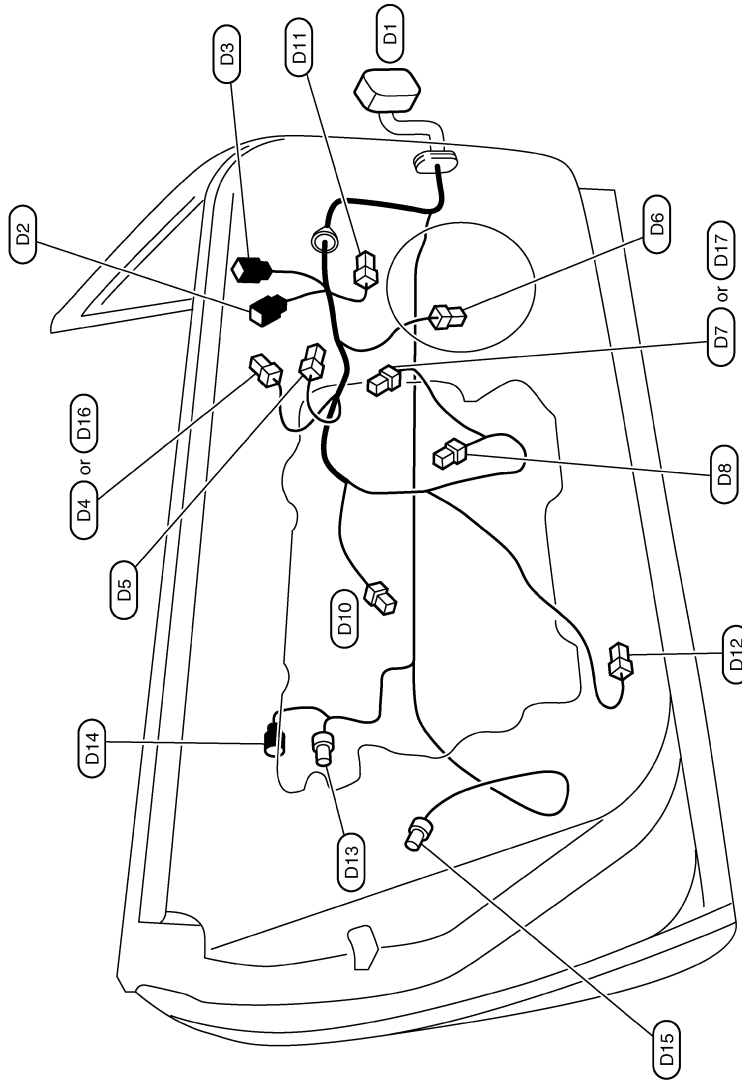
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Door Harness (Driver Side Door)

INFOID:000000004248145

DOOR HARNESS (DRIVER SIDE DOOR)



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JCMIA0191GB

HARNES LAYOUT

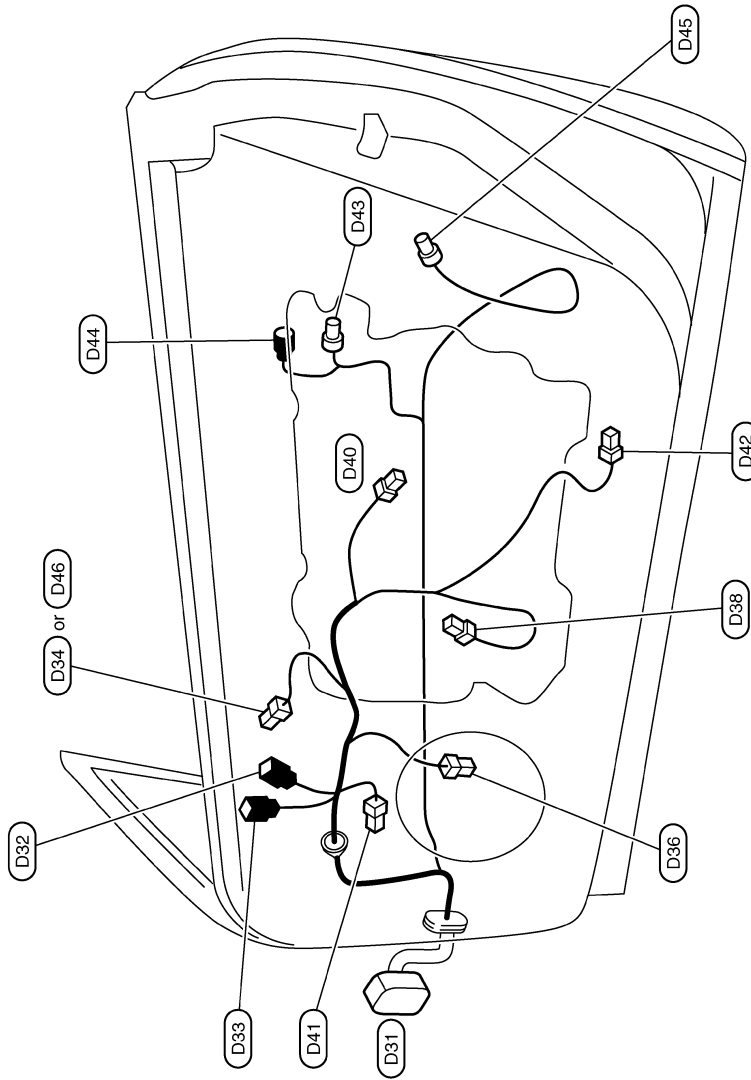
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Door Harness (Passenger Side Door)

INFOID:000000004248146

DOOR HARNESS (PASSENGER SIDE DOOR)



JCMIA0192GB

HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

HARNESS CONNECTOR

Description

INFOID:000000004248147

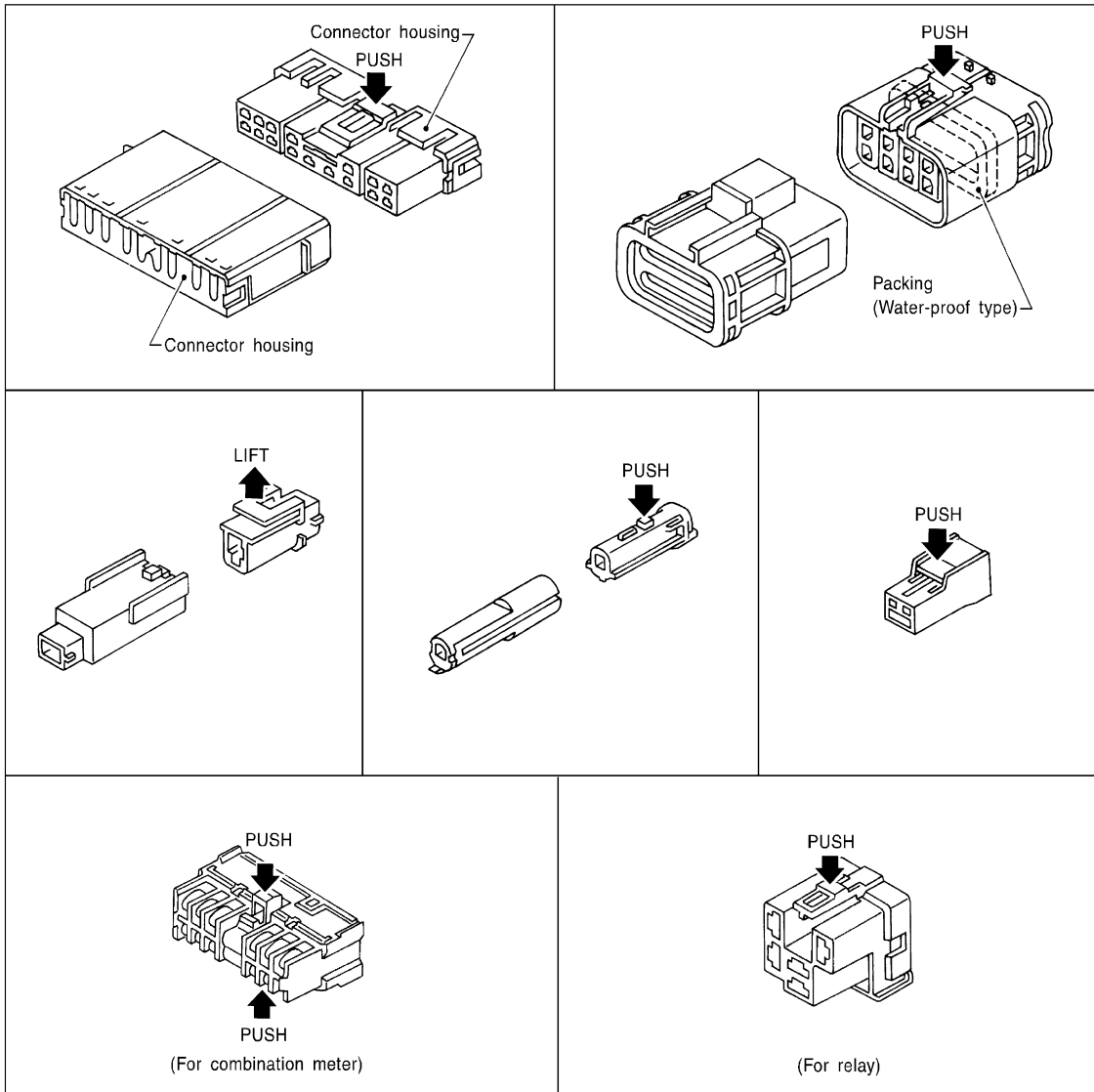
HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

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HARNESS CONNECTOR

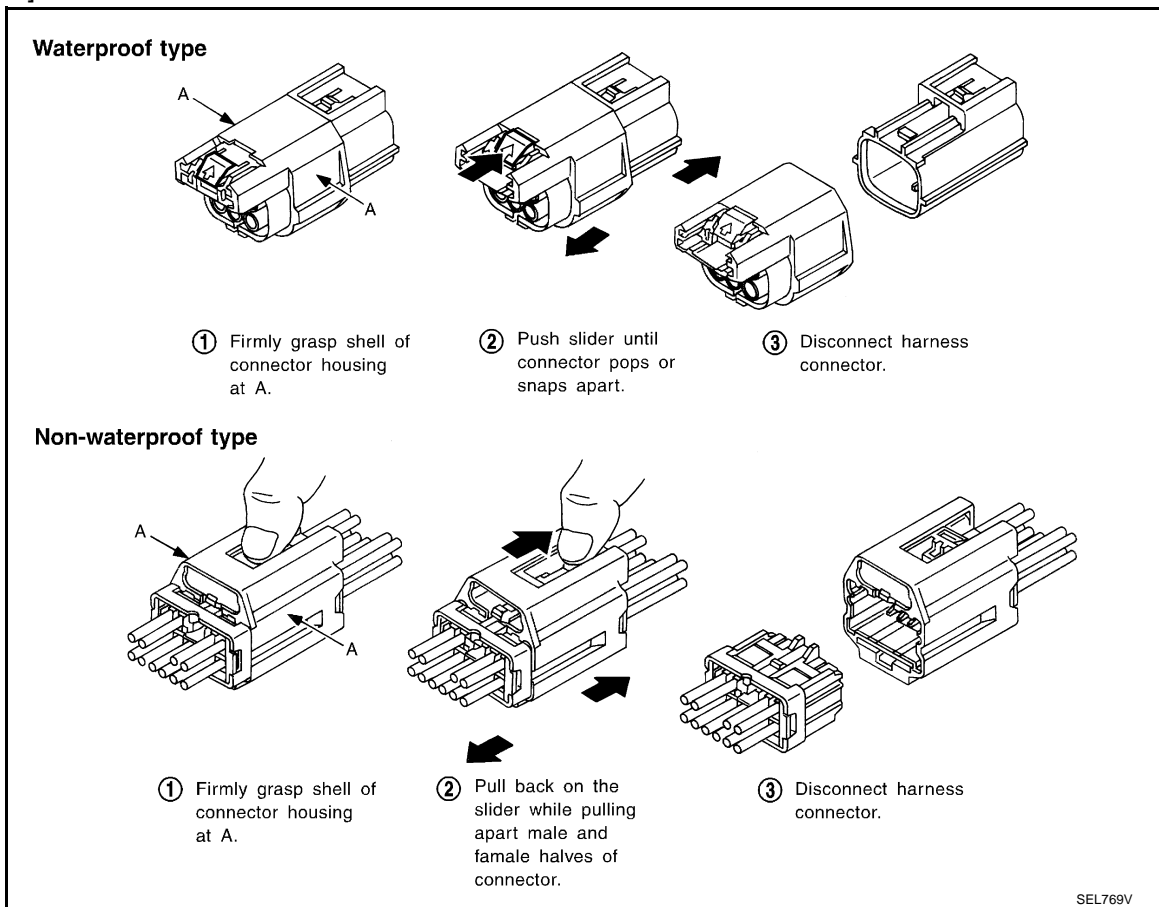
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

CAUTION:

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

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

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

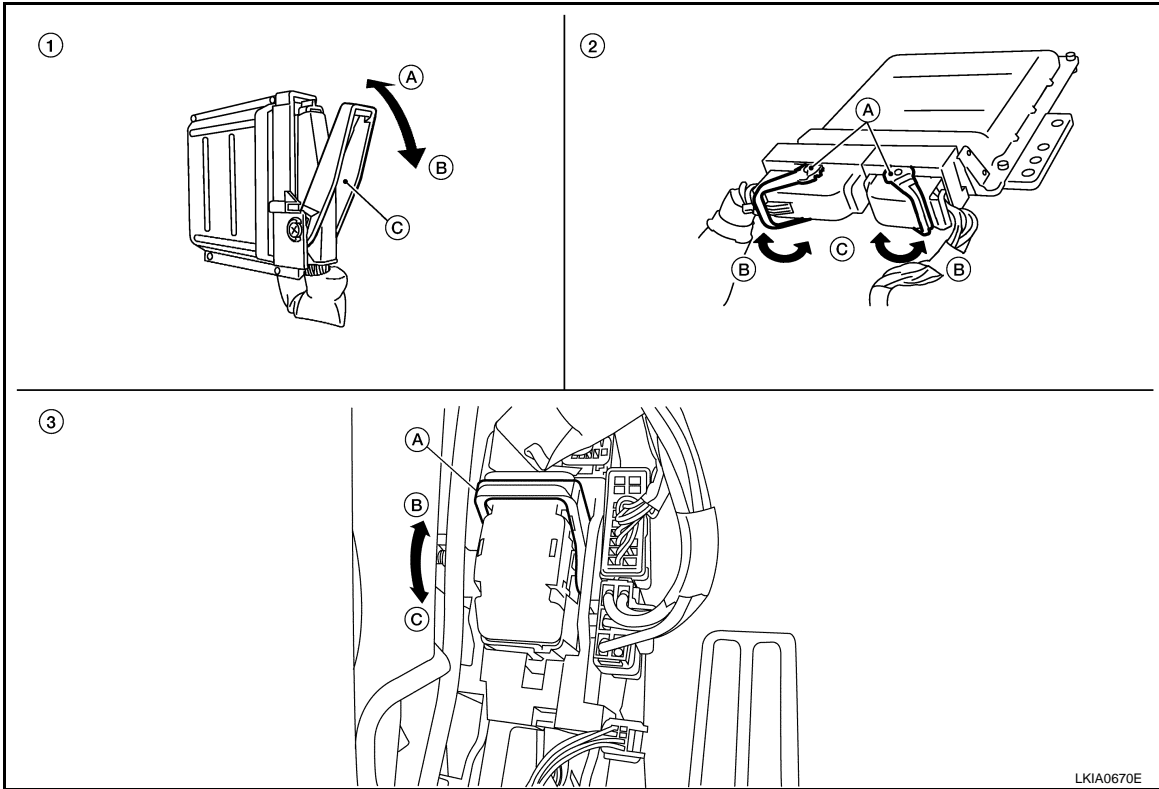
CAUTION:

HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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



1. Control unit with single lever
A. Fasten
B. Loosen
C. Lever

2. Control unit with dual levers
A. Levers
B. Fasten
C. Loosen

3. SMJ connector
A. Lever
B. Fasten
C. Loosen

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STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

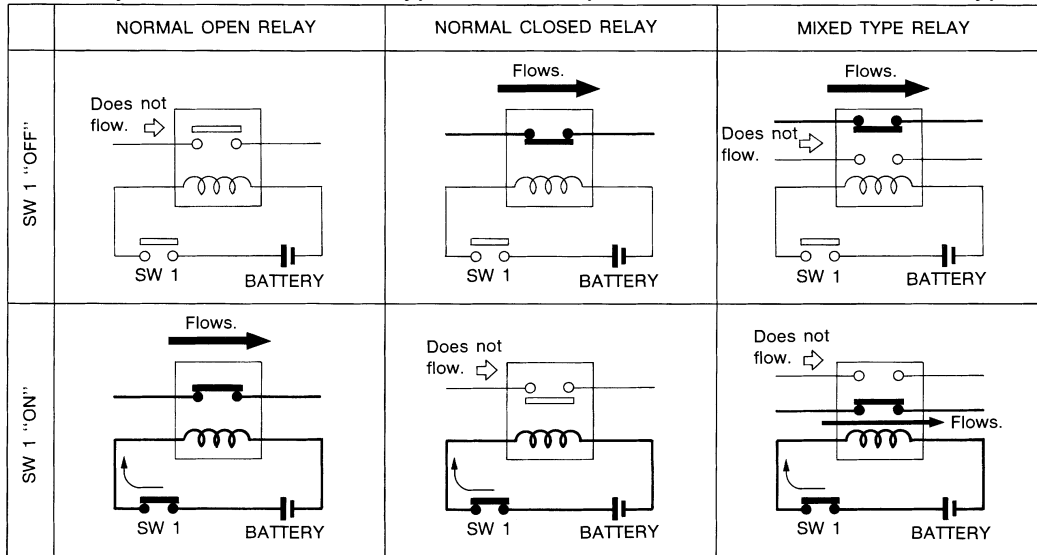
STANDARDIZED RELAY

Description

INFOID:000000004248148

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



SEL881H

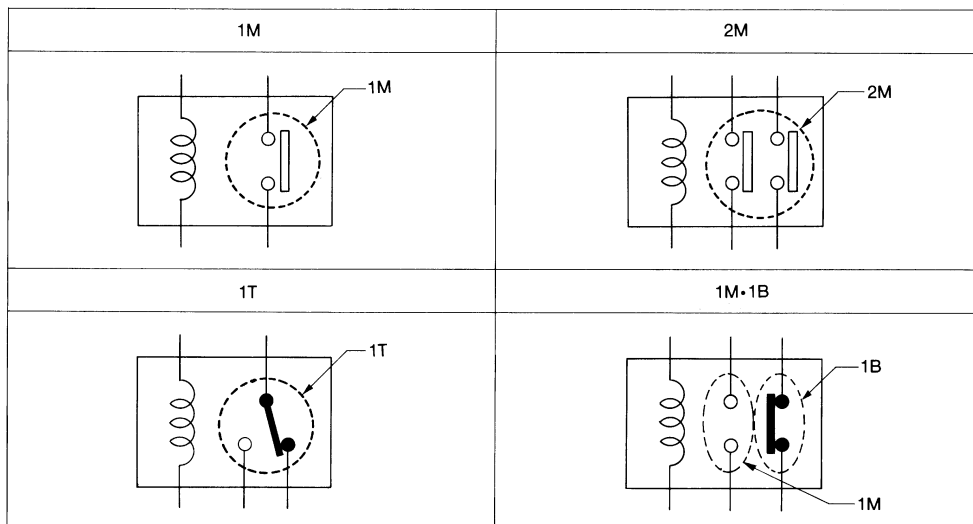
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M·1B 1 Make 1 Break

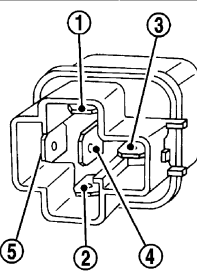
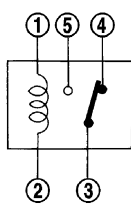
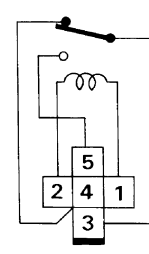
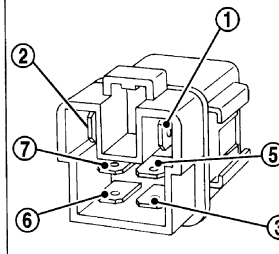
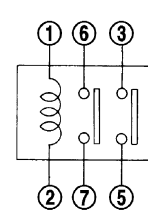
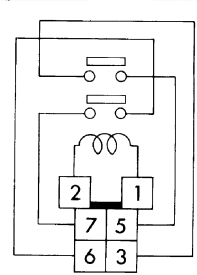
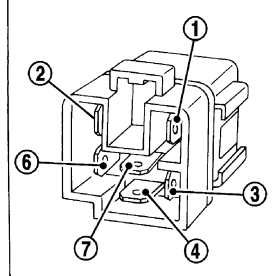
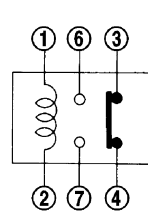
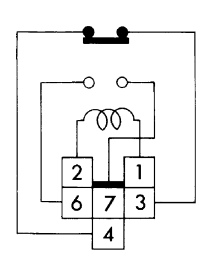
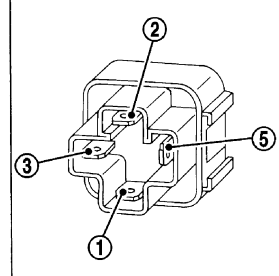
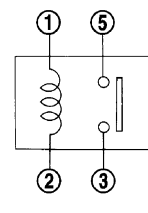
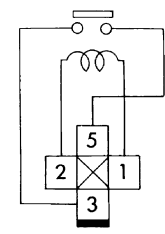
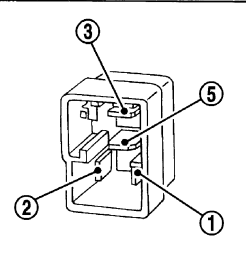
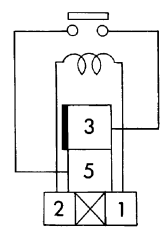


SEL882H

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Type	Outer view	Circuit	Connector symbol and connection	Case color
1T				BLACK
2M				BROWN
1M•1B				GRAY
1M				BLUE
				

The arrangement of terminal numbers on the actual relays may differ from those shown above.

SEL188W

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FUSE BLOCK - JUNCTION BOX (J/B)

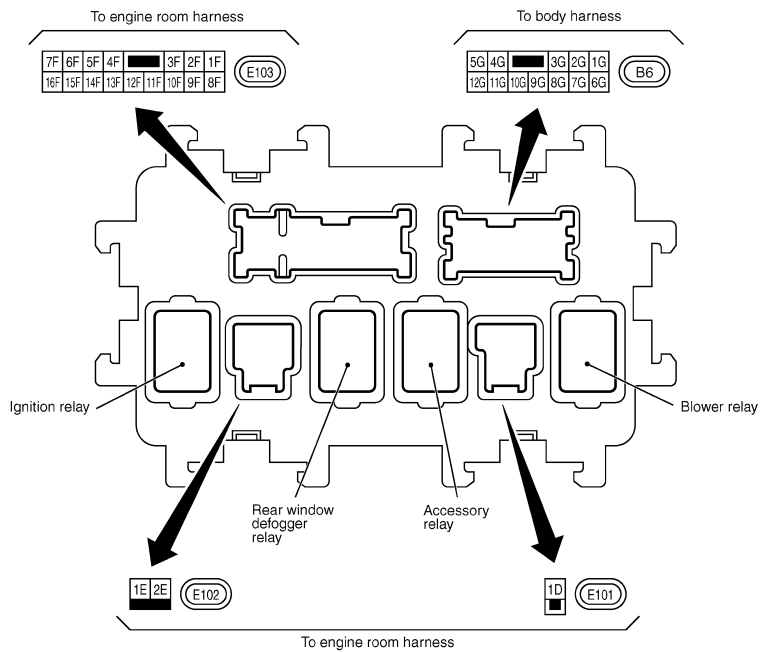
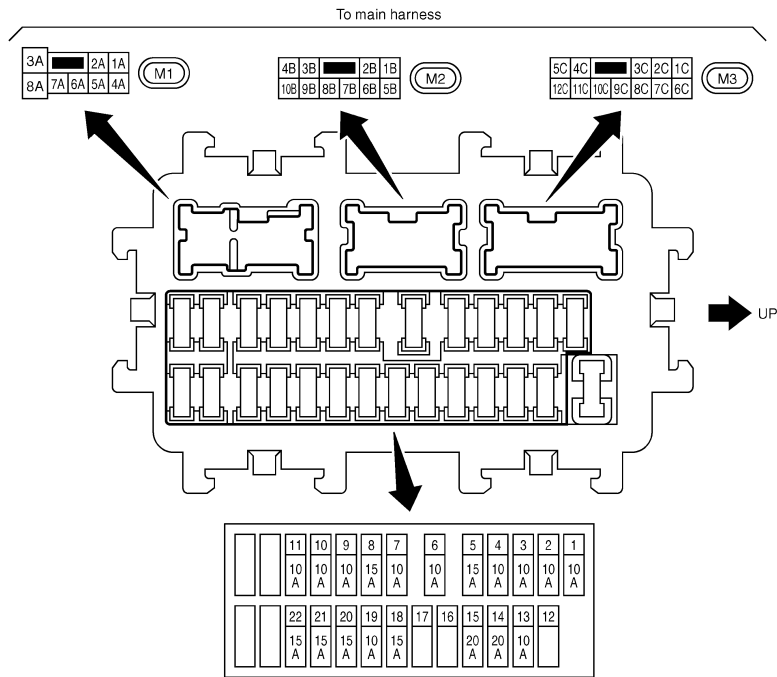
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000004248149



2008/08/22

JCMWM3142G

FUSE, FUSIBLE LINK AND RELAY BOX

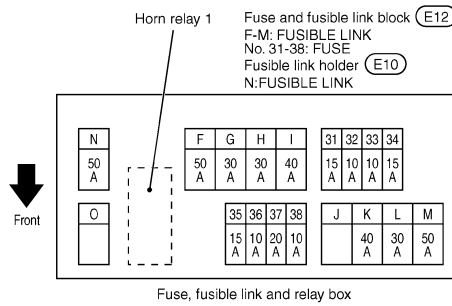
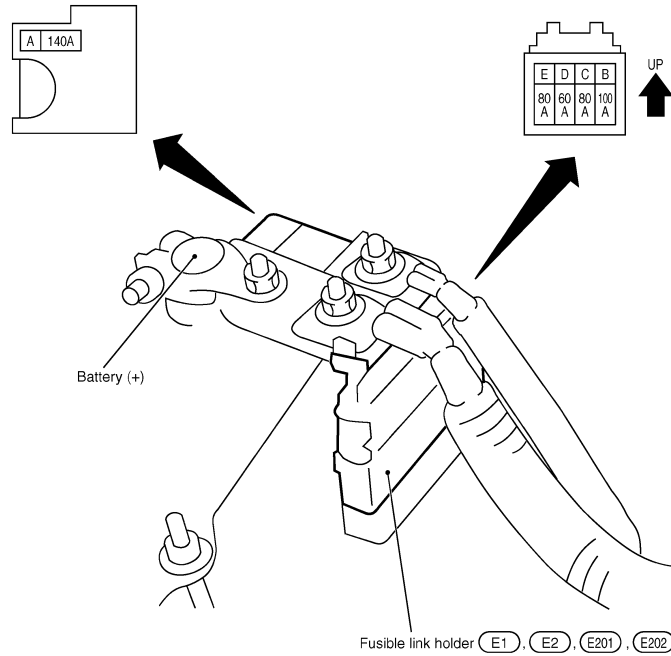
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000004248150



2008/08/22

JCMWM3143G

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

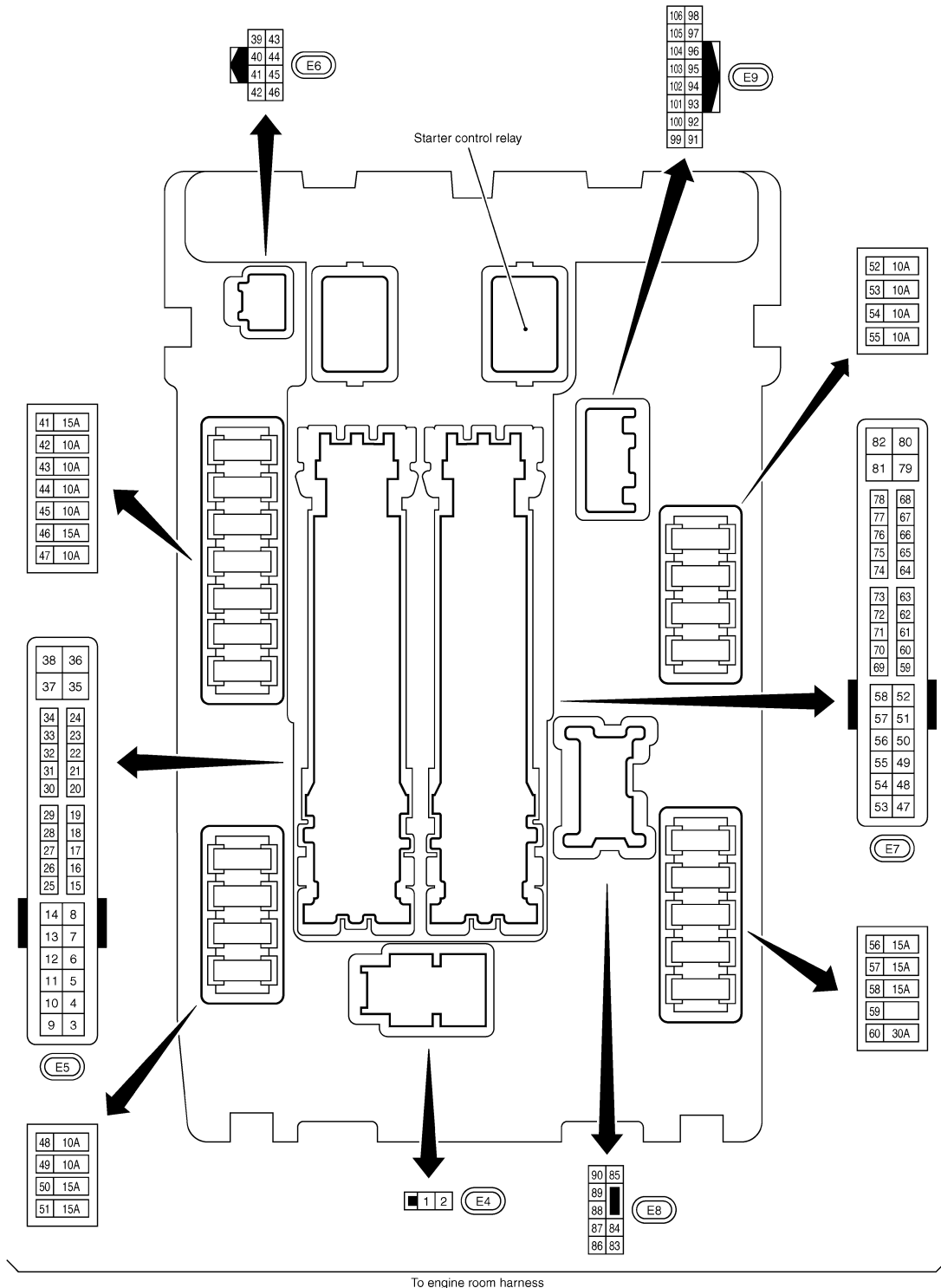
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000004248151



2008/08/22

JCMWM3144G

PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY & GROUND CIRCUIT]

PRECAUTION

PRECAUTIONS

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

INFOID:000000004685059

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

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the "SRS AIR BAG".
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

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

Precaution for Battery Service

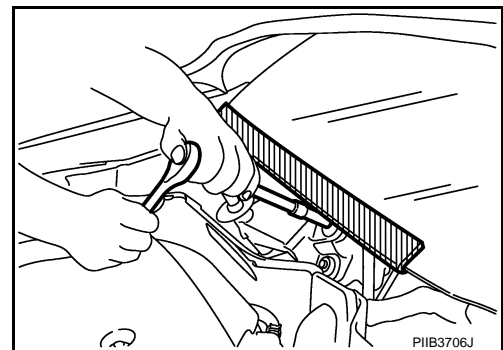
INFOID:000000004685060

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

Precaution for Procedure without Cowl Top Cover

INFOID:000000004685061

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



PREPARATION

[POWER SUPPLY & GROUND CIRCUIT]

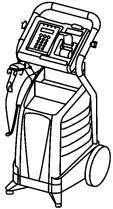
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000004248155

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

BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

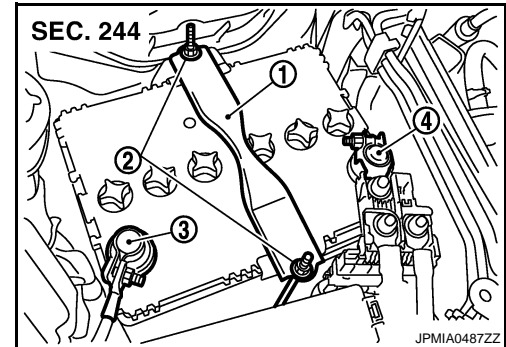
REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000004248156

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

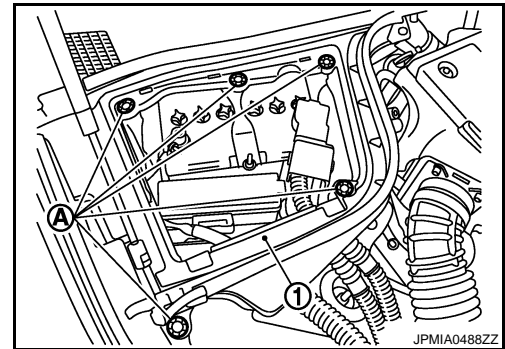


Removal and Installation

INFOID:000000004248157

REMOVAL

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

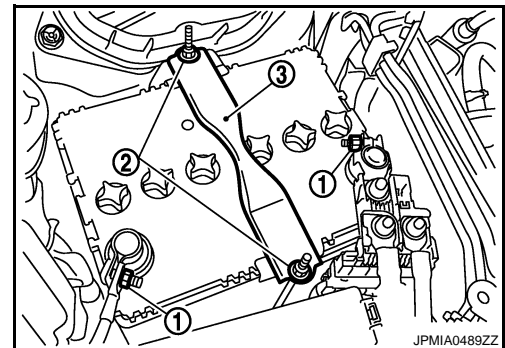


3. Remove cowl top cover (RH). Refer to [EXT-21. "Exploded View"](#).
4. Remove cover of battery positive terminal.
5. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

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)

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BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

Reset electronic systems as necessary. Refer to [GI-56. "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

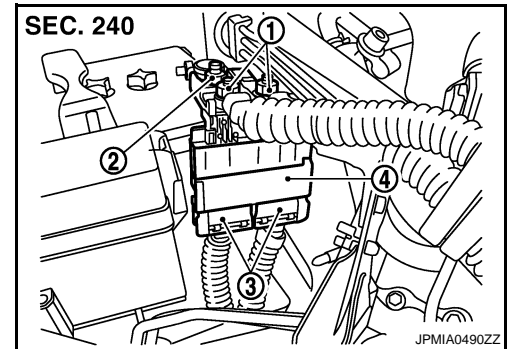
[POWER SUPPLY & GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000004248158

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

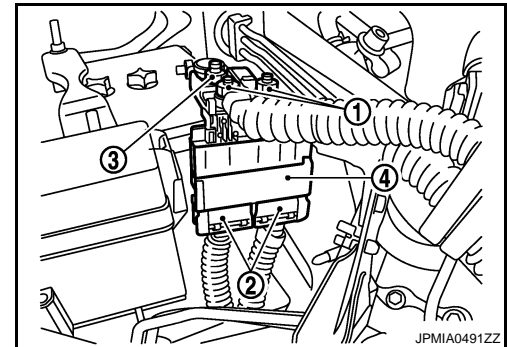


Removal and Installation

INFOID:000000004248159

REMOVAL

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



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.2 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)

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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:000000004248160

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