

SECTION **PG**

**POWER SUPPLY, GROUND & CIRCUIT ELEMENTS**

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## BASIC INSPECTION

### BATTERY

#### How to Handle Battery

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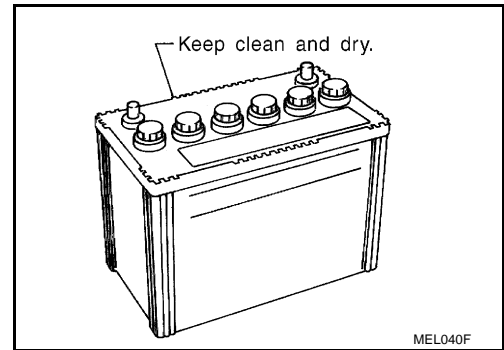
#### CAUTION:

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

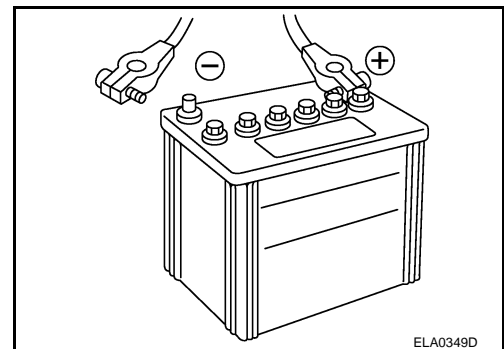
#### METHODS OF PREVENTING OVER-DISCHARGE

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

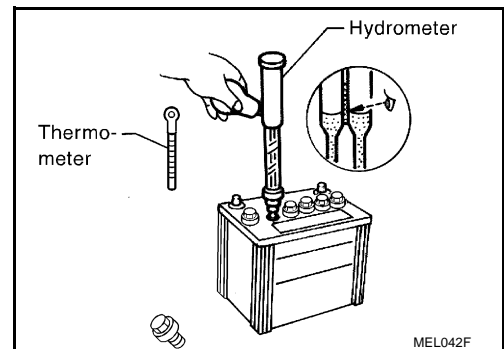
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



#### CHECKING ELECTROLYTE LEVEL

#### WARNING:

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

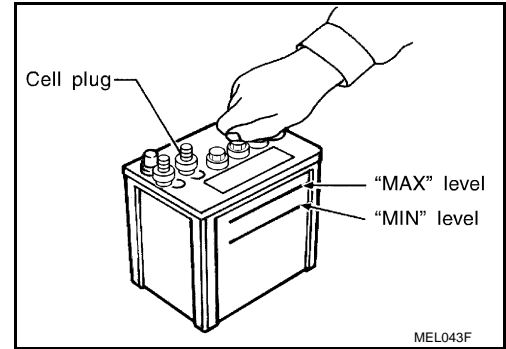
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# BATTERY

## [POWER SUPPLY & GROUND CIRCUIT]

### < BASIC INSPECTION >

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

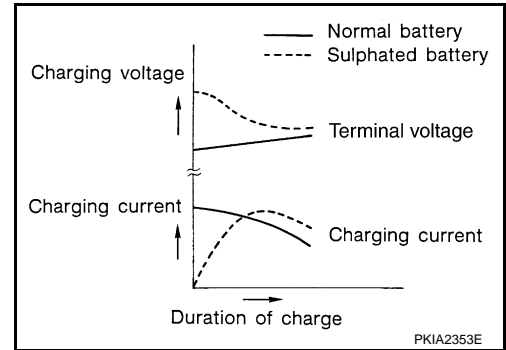


### Sulphation

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

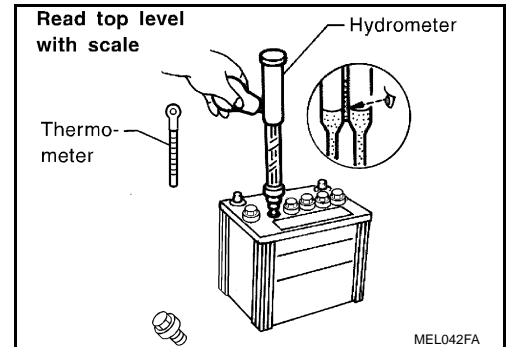
**To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.**

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



### SPECIFIC GRAVITY CHECK

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



### Hydrometer Temperature Correction

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

# BATTERY

## < BASIC INSPECTION >

## [POWER SUPPLY & GROUND CIRCUIT]

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

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

### CHARGING THE BATTERY

#### CAUTION:

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

#### Charging Rates

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

Do not charge at more than 50 ampere rate.

#### NOTE:

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

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

### Work Flow

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### TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

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

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

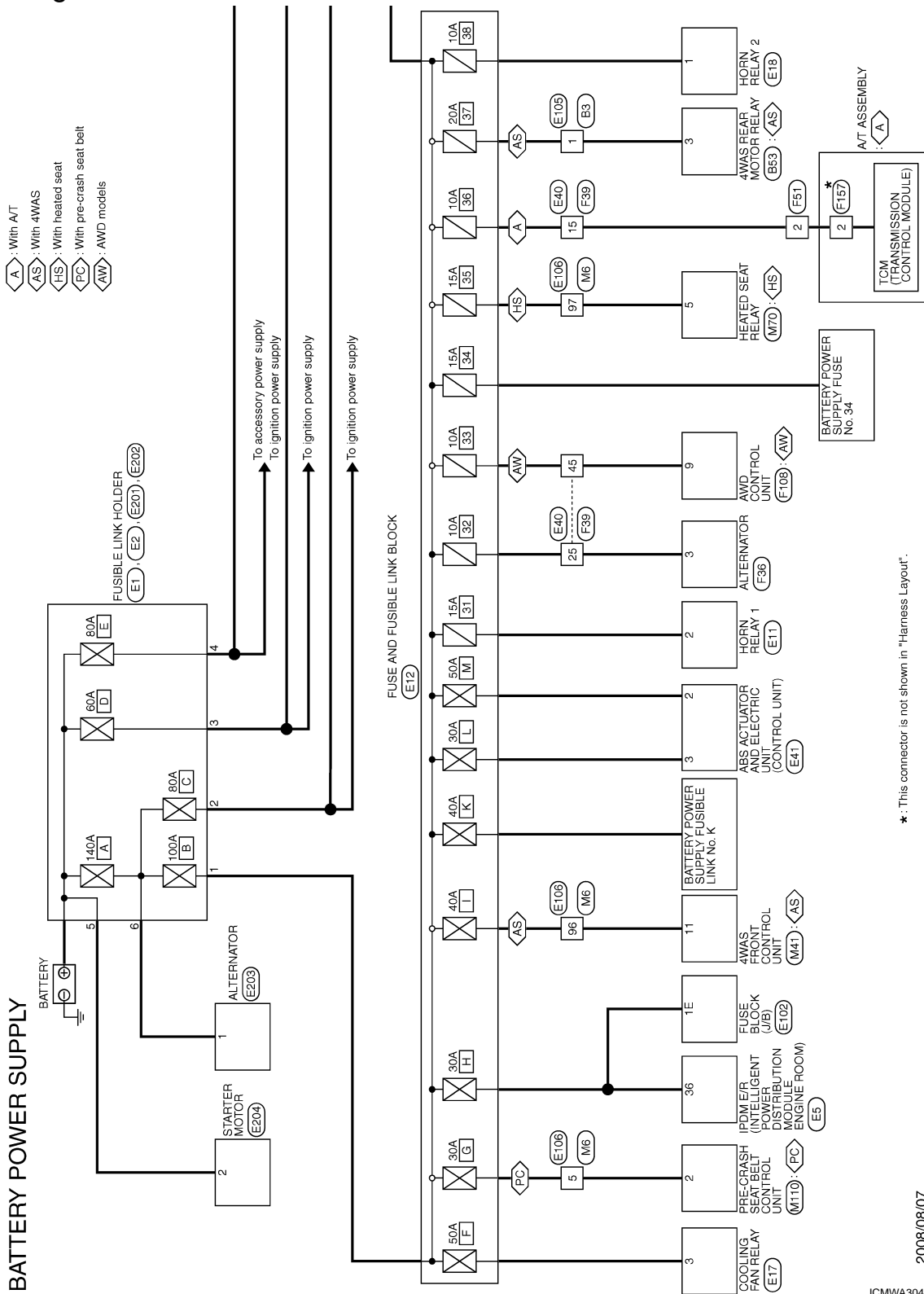
[POWER SUPPLY & GROUND CIRCUIT]

## DTC/CIRCUIT DIAGNOSIS

### POWER SUPPLY ROUTING CIRCUIT

#### Wiring Diagram - BATTERY POWER SUPPLY -

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

2008/08/07

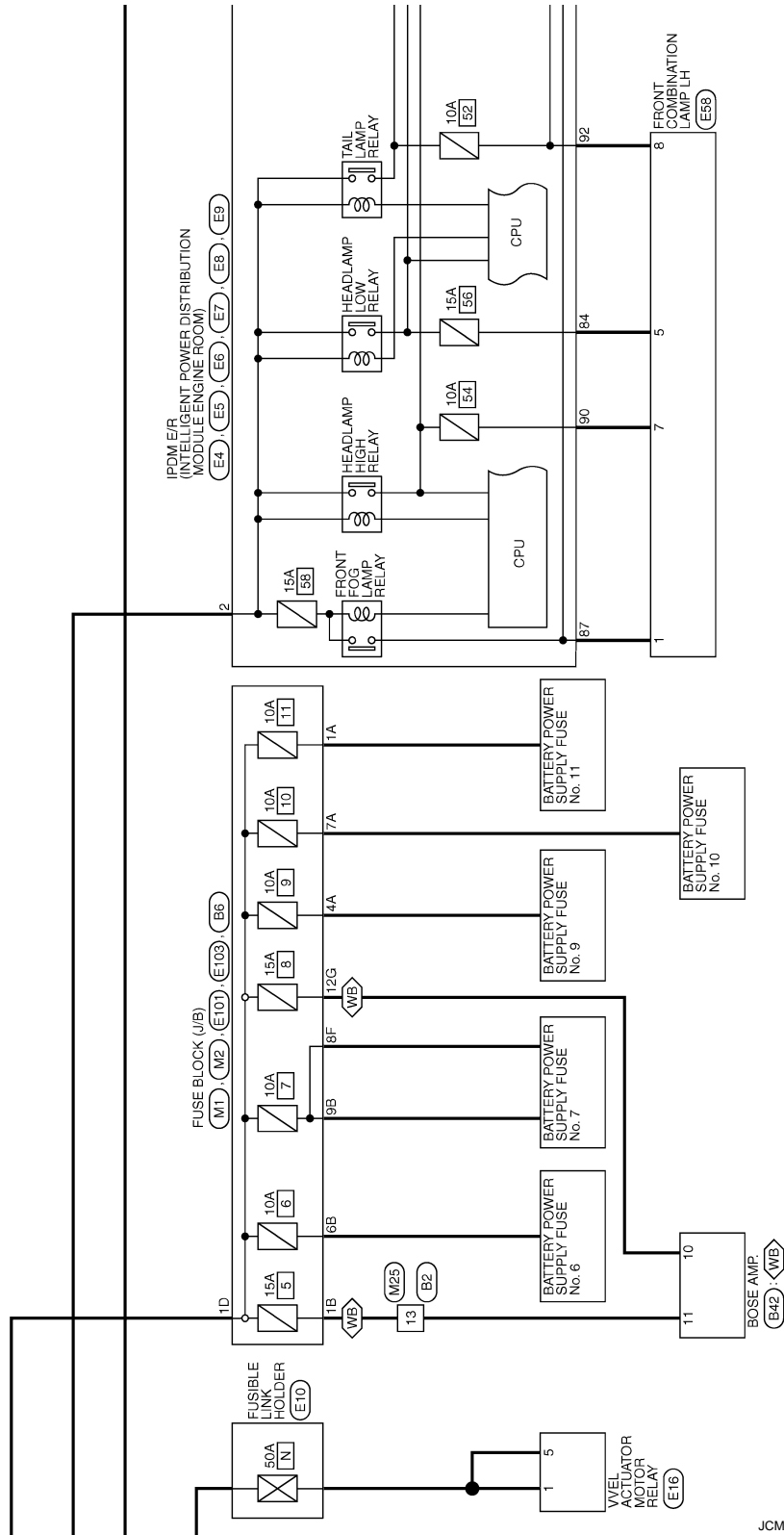
JCMWA3045GE

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

◀WB▶ : With BOSE system



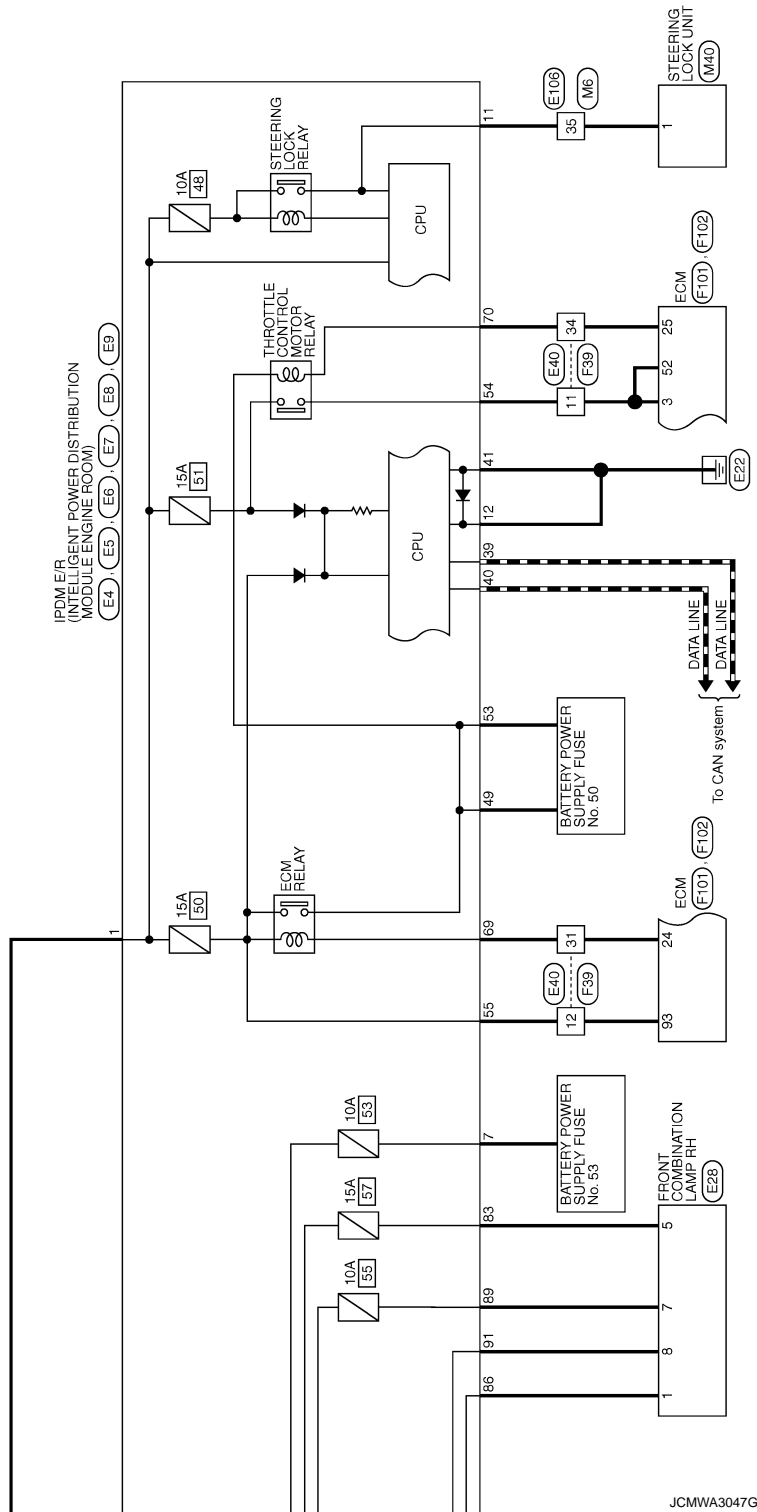
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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



JCMWA3047Gf



# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## BATTERY POWER SUPPLY

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	MS21FW-GS



Terminal No.	13	GR	-	Signal Name [Specification]
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Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	MS21FW-LC



Terminal No.	1	R	-	Signal Name [Specification]
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Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS12FBR-GS



Terminal No.	12G	Y	-	Signal Name [Specification]
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Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SGA12FBR-SJA2



Terminal No.	11	GR	BATTERY	Signal Name [Specification]
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Connector No.	B53
Connector Name	AWAS REAR MOTOR RELAY
Connector Type	MS21FL-W2



Terminal No.	3	R	-	Signal Name [Specification]
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Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FBR-MC



Terminal No.	1	G	-	Signal Name [Specification]
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Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FGY-MC



Terminal No.	3	L	-	Signal Name [Specification]
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Connector No.	E4
Connector Name	IPDMLR (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	L02FB-MC



Terminal No.	1	W	-	Signal Name [Specification]
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JCMWA3048GE


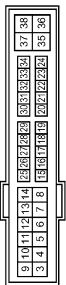



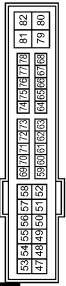

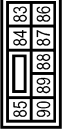










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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## BATTERY POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>E5</td></tr> <tr><td>Connector Name</td><td>IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)</td></tr> <tr><td>Connector Type</td><td>TH20FW-CS12-3M-IV</td></tr> </table>  	Connector No.	E5	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Type	TH20FW-CS12-3M-IV	<table border="1"> <tr><td>Terminal No.</td><td>7</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>11</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>12</td></tr> <tr><td>Color of Wire</td><td>B/W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>36</td></tr> <tr><td>Color of Wire</td><td>G</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	7	Color of Wire	R	Signal Name [Specification]	-	Terminal No.	11	Color of Wire	W	Signal Name [Specification]	-	Terminal No.	12	Color of Wire	B/W	Signal Name [Specification]	-	Terminal No.	36	Color of Wire	G	Signal Name [Specification]	-												
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<table border="1"> <tr><td>Connector No.</td><td>E9</td></tr> <tr><td>Connector Name</td><td>IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)</td></tr> <tr><td>Connector Type</td><td>TH18FW-NH</td></tr> </table>  	Connector No.	E9	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Type	TH18FW-NH	<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> <tr><td>Terminal No.</td><td>92</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	91	Color of Wire	G	Signal Name [Specification]	-	Terminal No.	92	Color of Wire	O	Signal Name [Specification]	-																								
Connector No.	E9																																										
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)																																										
Connector Type	TH18FW-NH																																										
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Color of Wire	O																																										
Signal Name [Specification]	-																																										
<table border="1"> <tr><td>Connector No.</td><td>E10</td></tr> <tr><td>Connector Name</td><td>IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)</td></tr> <tr><td>Connector Type</td><td>TH18FW-NH</td></tr> </table>  	Connector No.	E10	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Type	TH18FW-NH	<table border="1"> <tr><td>Terminal No.</td><td>2</td></tr> <tr><td>Color of Wire</td><td>SB</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	2	Color of Wire	SB	Signal Name [Specification]	-																														
Connector No.	E10																																										
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)																																										
Connector Type	TH18FW-NH																																										
Terminal No.	2																																										
Color of Wire	SB																																										
Signal Name [Specification]	-																																										
<table border="1"> <tr><td>Connector No.</td><td>E11</td></tr> <tr><td>Connector Name</td><td>HORN RELAY 1</td></tr> <tr><td>Connector Type</td><td>243817990A</td></tr> </table>  	Connector No.	E11	Connector Name	HORN RELAY 1	Connector Type	243817990A	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>SB</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>5</td></tr> <tr><td>Color of Wire</td><td>SB</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1	Color of Wire	SB	Signal Name [Specification]	-	Terminal No.	5	Color of Wire	SB	Signal Name [Specification]	-																								
Connector No.	E11																																										
Connector Name	HORN RELAY 1																																										
Connector Type	243817990A																																										
Terminal No.	1																																										
Color of Wire	SB																																										
Signal Name [Specification]	-																																										
Terminal No.	5																																										
Color of Wire	SB																																										
Signal Name [Specification]	-																																										
<table border="1"> <tr><td>Connector No.</td><td>E16</td></tr> <tr><td>Connector Name</td><td>VVEL ACTUATOR MOTOR RELAY</td></tr> <tr><td>Connector Type</td><td>24347 9F900</td></tr> </table>  	Connector No.	E16	Connector Name	VVEL ACTUATOR MOTOR RELAY	Connector Type	24347 9F900	<table border="1"> <tr><td>Terminal No.</td><td>3</td></tr> <tr><td>Color of Wire</td><td>BR</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	3	Color of Wire	BR	Signal Name [Specification]	-																														
Connector No.	E16																																										
Connector Name	VVEL ACTUATOR MOTOR RELAY																																										
Connector Type	24347 9F900																																										
Terminal No.	3																																										
Color of Wire	BR																																										
Signal Name [Specification]	-																																										
<table border="1"> <tr><td>Connector No.</td><td>E17</td></tr> <tr><td>Connector Name</td><td>COOLING FAN RELAY</td></tr> <tr><td>Connector Type</td><td>24347 9F900</td></tr> </table>  	Connector No.	E17	Connector Name	COOLING FAN RELAY	Connector Type	24347 9F900	<table border="1"> <tr><td>Terminal No.</td><td>3</td></tr> <tr><td>Color of Wire</td><td>BR</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	3	Color of Wire	BR	Signal Name [Specification]	-																														
Connector No.	E17																																										
Connector Name	COOLING FAN RELAY																																										
Connector Type	24347 9F900																																										
Terminal No.	3																																										
Color of Wire	BR																																										
Signal Name [Specification]	-																																										

JCMWA3049G1

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY

Connector No.	E1B
Connector Name	HORN RELAY 2
Connector Type	HM3FW-F-LC



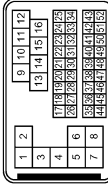
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-

Connector No.	E2B
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	G	-

Connector No.	E40
Connector Name	WIRE TO WIRE
Connector Type	SA438MB-RS8-SH2B



Terminal No.	Color of Wire	Signal Name [Specification]
11	P	-
12	SB	-
15	V	-
25	LG	-
31	BR	-
34	O	-
45	GR	-

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BA442FB-AHZ4-LH



Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	UBMR
3	O	UBVR

Connector No.	E5B
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



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

Connector No.	E1D1
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-MC



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

Connector No.	E1D2
Connector Name	FUSE BLOCK (J/B)
Connector Type	MM2FB-LC



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

Connector No.	E1D3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



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

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

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

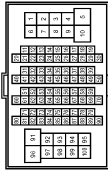
## BATTERY POWER SUPPLY

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	M03MW-LC



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

Connector No.	E201
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340.78908



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

Connector No.	E202
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340.78905



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

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	24340.65745



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

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	24348.51E61



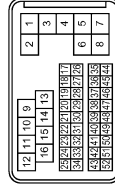
Terminal No.	2
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	H530FB



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

Connector No.	F39
Connector Name	WIRE TO WIRE
Connector Type	SA438FB-RS8-STZ8



Terminal No.	11	12	15	25	31	34	45
Color of Wire	R	P	R	V	P	O	O
Signal Name [Specification]	-	-	-	-	-	-	-

JCMWA3051GE

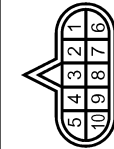
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

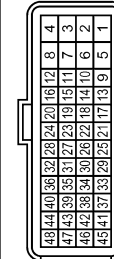
## BATTERY POWER SUPPLY

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



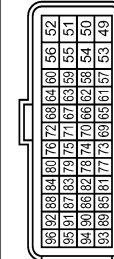
Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-L-LH-Z



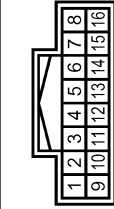
Terminal No.	3	Color of Wire	R	Signal Name [Specification]	VMOT1-B1
24	P	SSOFF			
25	O	MOTRLY1-B1			

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



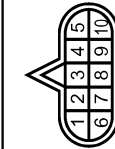
Terminal No.	52	Color of Wire	R	Signal Name [Specification]	VMOT-B2
93	P	BATT			

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



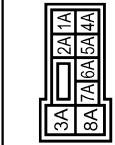
Terminal No.	9	Color of Wire	O	Signal Name [Specification]	AMD SOL.BAT
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Connector No.	F157
Connector Name	TOM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



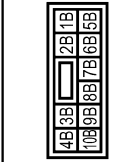
Terminal No.	2	Color of Wire	B	Signal Name [Specification]	BATT
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



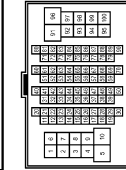
Terminal No.	1A	Color of Wire	V	Signal Name [Specification]	-
4A	P	-			
7A	R	-			

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.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



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

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

PG

JCMWA3052GE


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

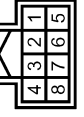
## BATTERY POWER SUPPLY

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




Terminal No.	13	SB	—
Color of Wire			
Signal Name [Specification]			

Connector No.	M40
Connector Name	STEERING LOCK UNIT
Connector Type	TH88FW-NH



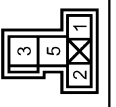
Terminal No.	1	BR	S, L 12V (MECHANICAL)
Color of Wire			
Signal Name [Specification]			

Connector No.	M41
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	SMA02FY




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

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS2BEL-M2-LC



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

Connector No.	M10
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH20FW-TB6



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

JCMWA3053Gf

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

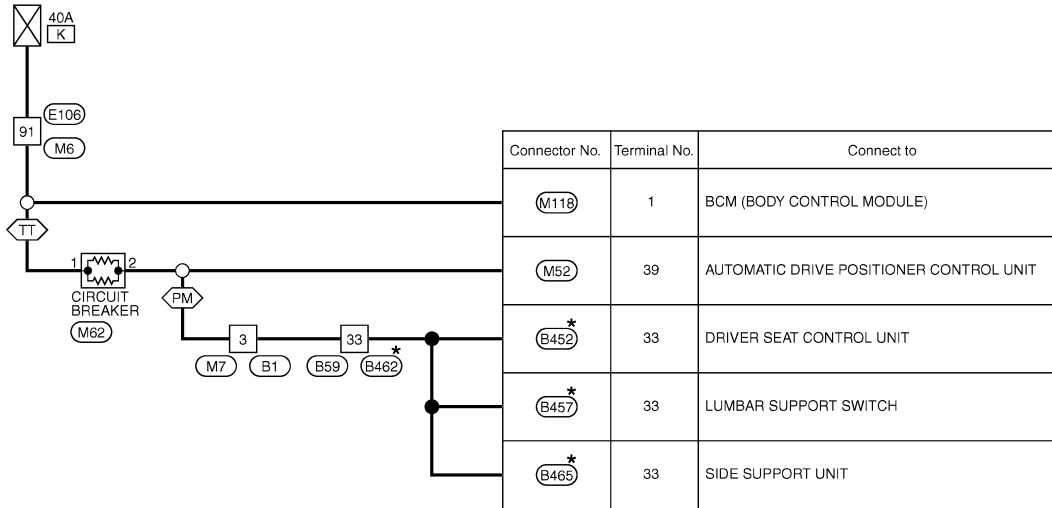
[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004494789

### BATTERY POWER SUPPLY FUSIBLE LINK No. K

PM : With automatic drive positioner  
 TT : With tilt & telescopic system



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

2008/08/07

JCMWA3054GE

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

PG

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY FUSIBLE LINK No. K

Connector No.	B1	Connector No.	B59	Connector No.	B432	Connector No.	B457
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	DRIVER SEAT CONTROL UNIT	Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	TH80FW-CS16-TM4	Connector Type	NS16FW-CS	Connector Type	NS16FW-CS	Connector Type	NS4FW-CS

Terminal No.	3	Terminal No.	33	Terminal No.	33	Terminal No.	33
Color of Wire	SB	Color of Wire	SB	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-- [With automatic drive positioner]	Signal Name [Specification]	--	Signal Name [Specification]	BAT (C/B)	Signal Name [Specification]	--

Connector No.	B462	Connector No.	B465	Connector No.	E106	Connector No.	M6
Connector Name	WIRE TO WIRE	Connector Name	SIDE SUPPORT UNIT	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS	Connector Type	NS06FW-CS	Connector Type	TH80FW-CS16-TM4	Connector Type	TH80MP-CS16-TM4

Terminal No.	33	Terminal No.	33	Terminal No.	91	Terminal No.	91
Color of Wire	R	Color of Wire	R	Color of Wire	W	Color of Wire	W
Signal Name [Specification]	--	Signal Name [Specification]	--	Signal Name [Specification]	--	Signal Name [Specification]	--




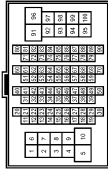
# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >



## BATTERY POWER SUPPLY FUSIBLE LINK No. K

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



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

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



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

Connector No.	MR2
Connector Name	CIRCUIT BREAKER
Connector Type	MR2FW-LC

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

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MR3FB-LC

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

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

PG

# POWER SUPPLY ROUTING CIRCUIT

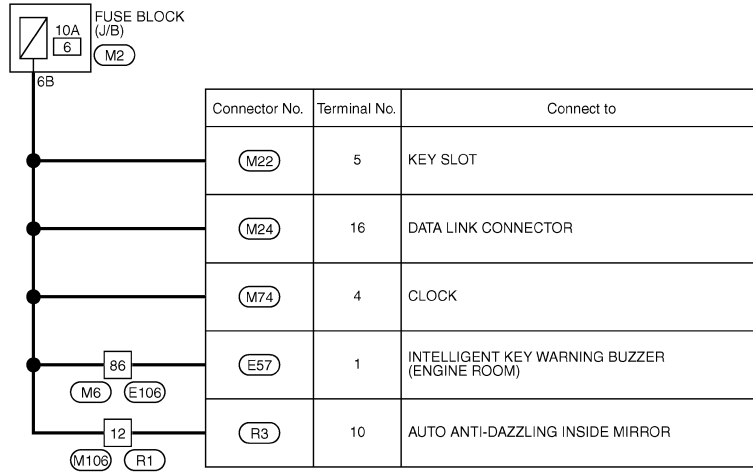
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004239472

### BATTERY POWER SUPPLY FUSE No. 6



2008/08/07

JCMWA3057GE

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

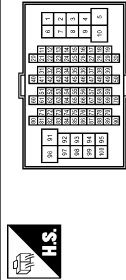
## BATTERY POWER SUPPLY FUSE No. 6

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



Terminal No.	1	Color of Wire	GR	Signal Name [Specification]	ILL BAT
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Connector No.	E05
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-CS16-TM4



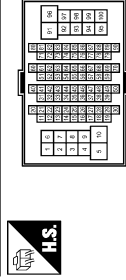
Terminal No.	86	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NSJ0FW-CS



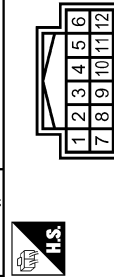
Terminal No.	6B	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MH-CS16-TM4



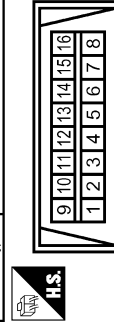
Terminal No.	86	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



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	BD16FW-P



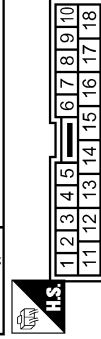
Terminal No.	16	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M74
Connector Name	CLOCK
Connector Type	TH64FW-NH



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-NS8



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

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

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

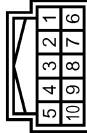
## BATTERY POWER SUPPLY FUSE No. 6

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK0FW-1S8



Terminal No.	12	GR	—
Color of Wire			
Signal Name (Specification)			

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



Terminal No.	10	GR	BAT
Color of Wire			
Signal Name (Specification)			

JCMWA3059Gf

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

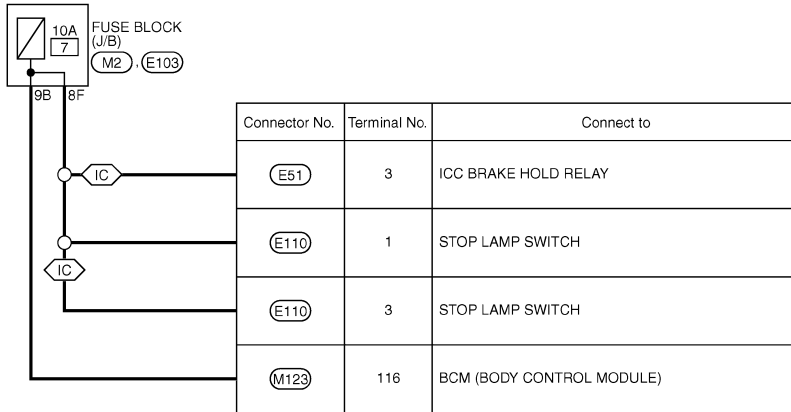
[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004239473

A  
B  
C  
D  
E  
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L  
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P

 : With ICC



2008/08/07

JCMWA3060GE

PG

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E51
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS22EL-M2



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

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



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

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



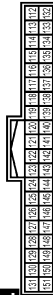
Terminal No.	1	L	-
Color of Wire	L	-	-
Signal Name [Specification]			
Terminal No.	3	L	-
Color of Wire	L	-	-
Signal Name [Specification]			

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FY-CS



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

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



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

JCMWA3061GE


# POWER SUPPLY ROUTING CIRCUIT

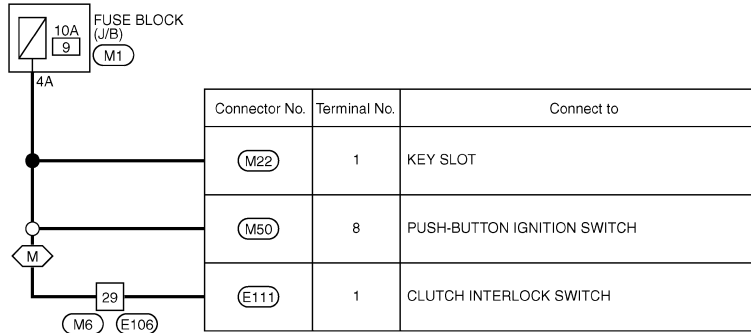
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004239474

 : With M/T



A  
B  
C  
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F  
G  
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J  
K  
L  
PG  
N  
O  
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2008/08/07

JCMWA3062GE

# 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	TH80FW-GS16-TM4



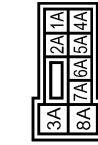
Terminal No.	28	Color of Wire	G	Signal Name [Specification]	
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Connector No.	E111
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	SZ2EL



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	NS30FW-M2



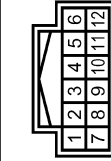
Terminal No.	4A	Color of Wire	P	Signal Name [Specification]	
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-GS16-TM4



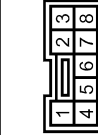
Terminal No.	29	Color of Wire	G	Signal Name [Specification]	
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Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



Terminal No.	1	Color of Wire	R	Signal Name [Specification]	BAT
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Connector No.	M50
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FB



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

# POWER SUPPLY ROUTING CIRCUIT

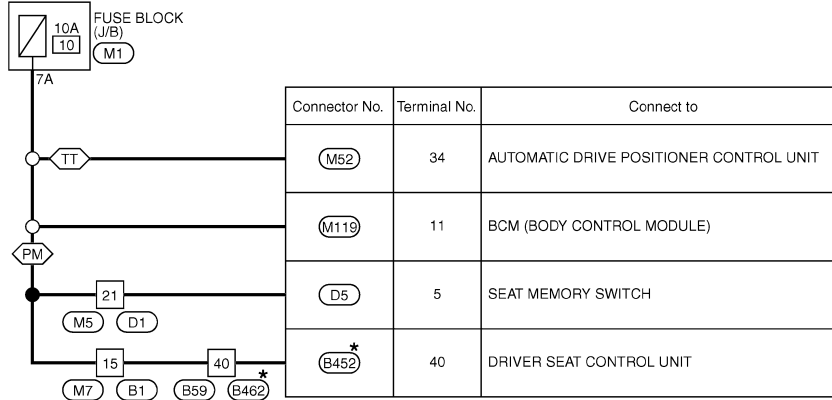
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004239475

 : With automatic drive positioner  
 : With tilt & telescopic system



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

A  
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P

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JCMWA3064GE

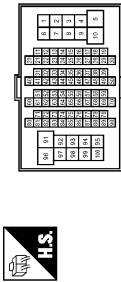
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

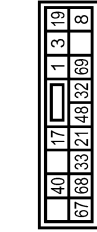
## BATTERY POWER SUPPLY FUSE No. 10

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS16-TM4



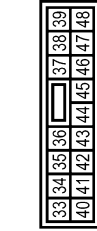
Terminal No.	15	BR	-
Color of Wire	BR	-	-
Signal Name [Specification]	-	-	-

Connector No.	B59
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



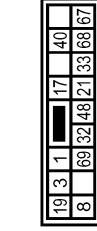
Terminal No.	40	BR	-
Color of Wire	BR	-	-
Signal Name [Specification]	-	-	-

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



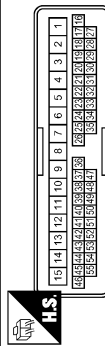
Terminal No.	40	R/W	BAT(FUSE)
Color of Wire	R/W	-	-
Signal Name [Specification]	BAT(FUSE)	-	-

Connector No.	B462
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



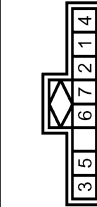
Terminal No.	40	R/W	-
Color of Wire	R/W	-	-
Signal Name [Specification]	-	-	-

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



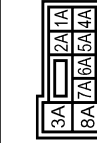
Terminal No.	21	R	-
Color of Wire	R	-	-
Signal Name [Specification]	-	-	-

Connector No.	D5
Connector Name	SEAT MEMORY SWITCH
Connector Type	A08FW



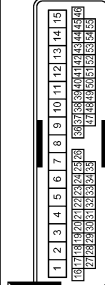
Terminal No.	5	R	-
Color of Wire	R	-	-
Signal Name [Specification]	-	-	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS36FW-M2



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

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



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

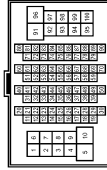
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

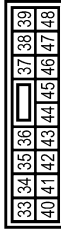
## BATTERY POWER SUPPLY FUSE No. 10

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



Terminal No.	15	BR	-
Color of Wire			
Signal Name [Specification]			

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



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

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



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

A  
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C  
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PG

# POWER SUPPLY ROUTING CIRCUIT


< DTC/CIRCUIT DIAGNOSIS >

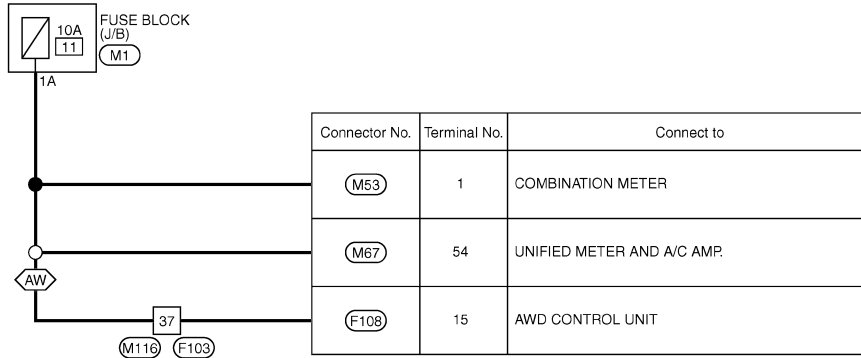
[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -

INFOID:000000004685316

### BATTERY POWER SUPPLY FUSE No. 11

 : AWD models



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JCMWA3067GE

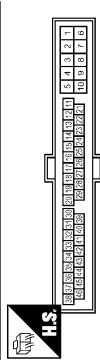
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## BATTERY POWER SUPPLY FUSE No. 11

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



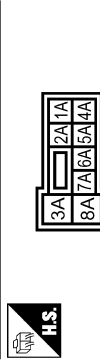
Terminal No. of Wire	Y	—
Signal Name [Specification]		

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



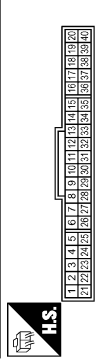
Terminal No. of Wire	Y	VB
Signal Name [Specification]		

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



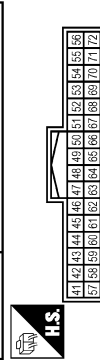
Terminal No. of Wire	IA	V
Signal Name [Specification]		

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB40FW



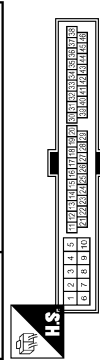
Terminal No. of Wire	I	V
Signal Name [Specification]		BATTERY POWER SUPPLY

Connector No.	M87
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH32FW-NH



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

Connector No.	MT16
Connector Name	WIRE TO WIRE
Connector Type	TK38MW-NS10



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

A  
B  
C  
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O  
P

# POWER SUPPLY ROUTING CIRCUIT

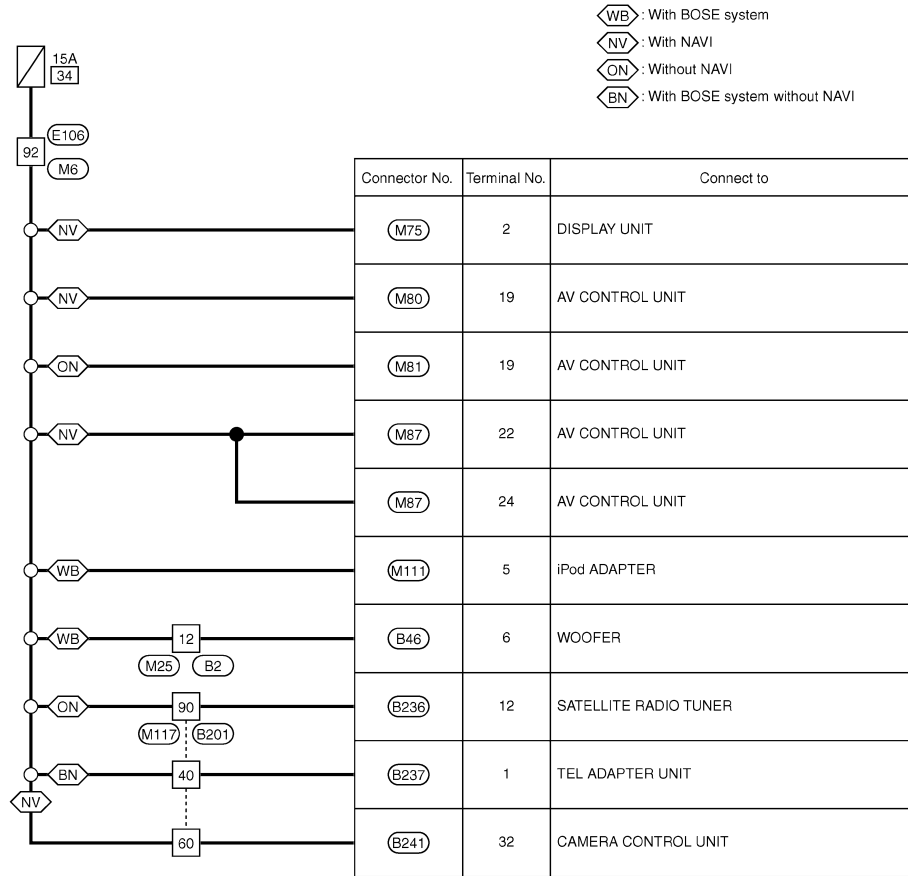
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000004239476

### BATTERY POWER SUPPLY FUSE No. 34



2008/08/07

JCMWA3069Gf

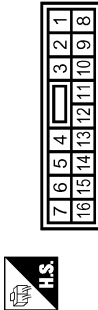
# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY FUSE No. 34

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	HS16FW-CS



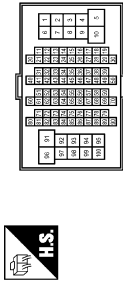
Terminal No.	12	P	Signal Name [Specification]
Color of Wire			

Connector No.	B46
Connector Name	WOOFER
Connector Type	HS08FR-CS



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS (6-TM)



Terminal No.	40	V	Signal Name [Specification]
Color of Wire			
Terminal No.	60	L	
Color of Wire			
Terminal No.	90	Y	
Color of Wire			

Connector No.	B236
Connector Name	SATELLITE RADIO TUNER
Connector Type	HS16FW



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

Connector No.	B227
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



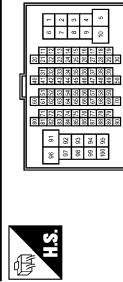
Terminal No.	1	V	Signal Name [Specification]
Color of Wire			

Connector No.	B241
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32FW-NH



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

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS (6-TM)



Terminal No.	92	LG	Signal Name [Specification]
Color of Wire			

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MY-CS (6-TM)



Terminal No.	92	Y	Signal Name [Specification]
Color of Wire			

JCMWA3070GE

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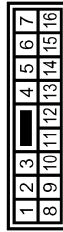
# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY FUSE No. 34

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



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

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



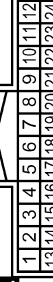
Terminal No.	19	Y	Color of Wire	Signal Name [Specification]
				BATTERY

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
				BATTERY

Connector No.	M111
Connector Name	iPod 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	TH80MF-CS16-TM4



Terminal No.	40	Y	Color of Wire	Signal Name [Specification]
	60	Y		
	90	Y		

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# POWER SUPPLY ROUTING CIRCUIT

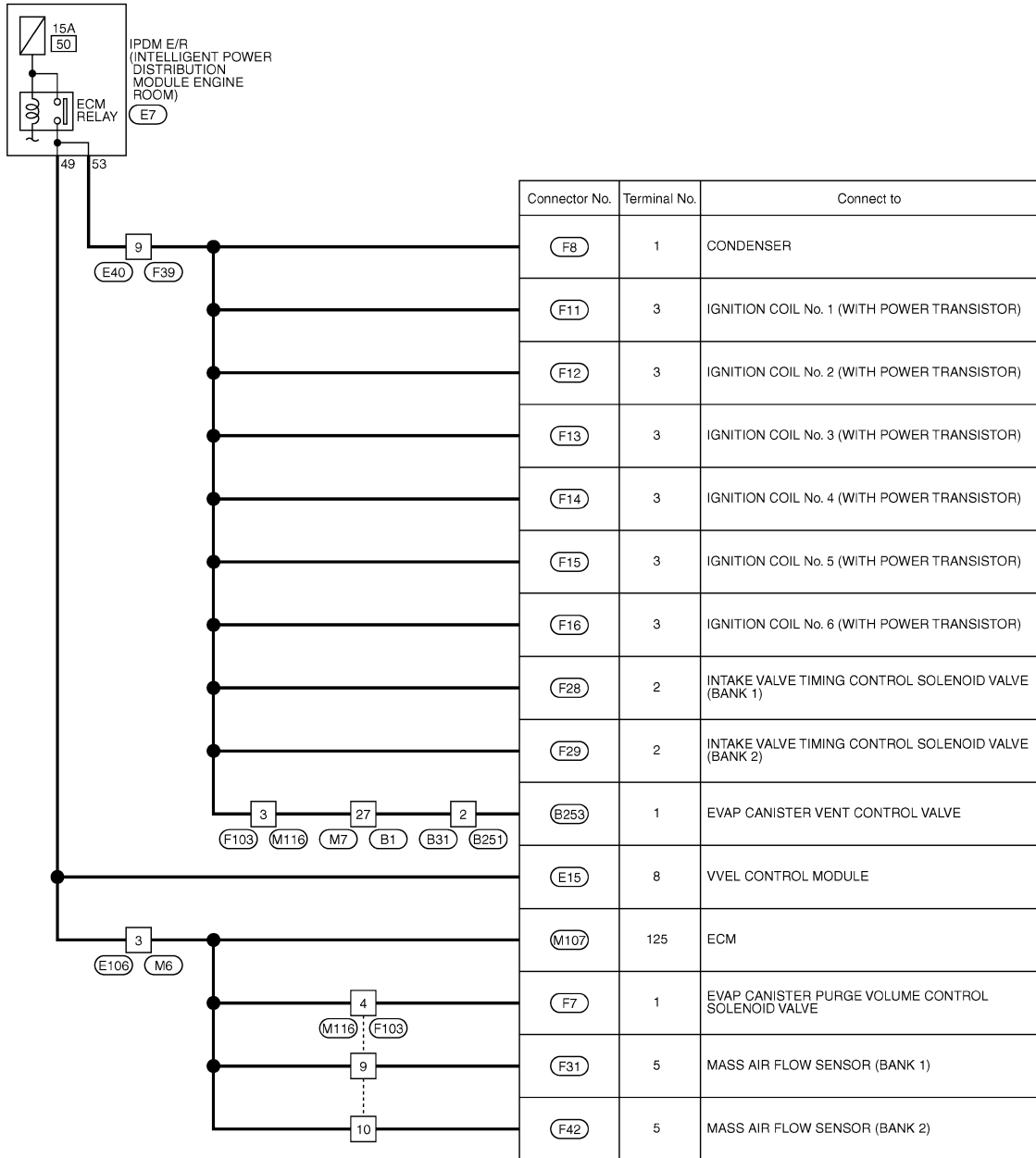
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000004239477

### BATTERY POWER SUPPLY FUSE No. 50



2008/08/07

JCMWA3072GE

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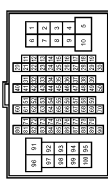
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



## BATTERY POWER SUPPLY FUSE No. 50

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



Terminal No.	27	W	
Color of Wire			Signal Name [Specification]

Connector No.	B31
Connector Name	WIRE TO WIRE
Connector Type	RS30FB-PR



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

Connector No.	B251
Connector Name	WIRE TO WIRE
Connector Type	RS30MB


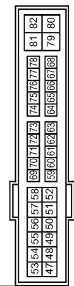
Terminal No.	2	BR	
Color of Wire			Signal Name [Specification]

Connector No.	B253
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	ED2FB-RS


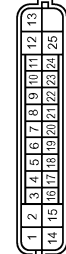
Terminal No.	1	W	
Color of Wire			Signal Name [Specification]

Connector No.	E7
Connector Name	ECM E/P (INTELLIGENT POWER DISTRIBUTION) MODULE ENGINE ROOM
Connector Type	TH20PW-CS12-M4


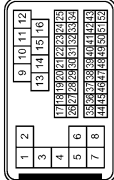
Terminal No.	49	O	
Color of Wire			Signal Name [Specification]
Terminal No.	53	W	
Color of Wire			Signal Name [Specification]

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


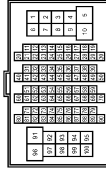
Terminal No.	8	O	
Color of Wire			Signal Name [Specification]
Terminal No.	VB		
Color of Wire			Signal Name [Specification]

Connector No.	E40
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RSP-SH23

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

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

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

JCMWA3073GE

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## BATTERY POWER SUPPLY FUSE No. 50

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]			

Connector No.	F8
Connector Name	CONDENSER
Connector Type	IM2EW-LC



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

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



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

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



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

Connector No.	F9
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F4
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

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



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

Connector No.	F16
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

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F  
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J  
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PG  
N  
O  
P

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EW2FG-RS-LGY



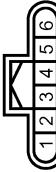
Terminal No.	2	R	
Color of Wire	R		
Signal Name [Specification]			

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EW2FG-RS-LGY



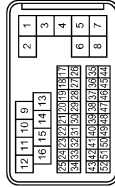
Terminal No.	2	R	
Color of Wire	R		
Signal Name [Specification]			

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH08FB



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

Connector No.	F39
Connector Name	WIRE TO WIRE
Connector Type	SA436FB-TS8-SHZ8



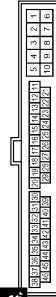
Terminal No.	9	W	
Color of Wire	W		
Signal Name [Specification]			

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH08FB



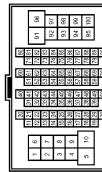
Terminal No.	5	GR	
Color of Wire	GR		
Signal Name [Specification]			

Connector No.	F03
Connector Name	WIRE TO WIRE
Connector Type	TK36FW-NS1.0



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MP-CS16-TM4



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

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH60MP-CS16-TM4



Terminal No.	27	O	
Color of Wire	O		
Signal Name [Specification]			

# POWER SUPPLY ROUTING CIRCUIT

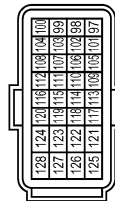
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

A  
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J  
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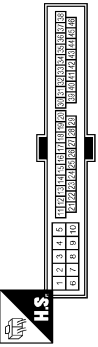
## BATTERY POWER SUPPLY FUSE No. 50

Connector No.	M107
Connector Name	EOM
Connector Type	RHE4FY-R26-R-LH-Z



Terminal No.	Color of Wire	Signal Name (Specification)
125	R	VBR

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK68MW-NS10



Terminal No.	Color of Wire	Signal Name (Specification)
3	O	-
4	R	-
9	R	-
10	R	-

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# POWER SUPPLY ROUTING CIRCUIT

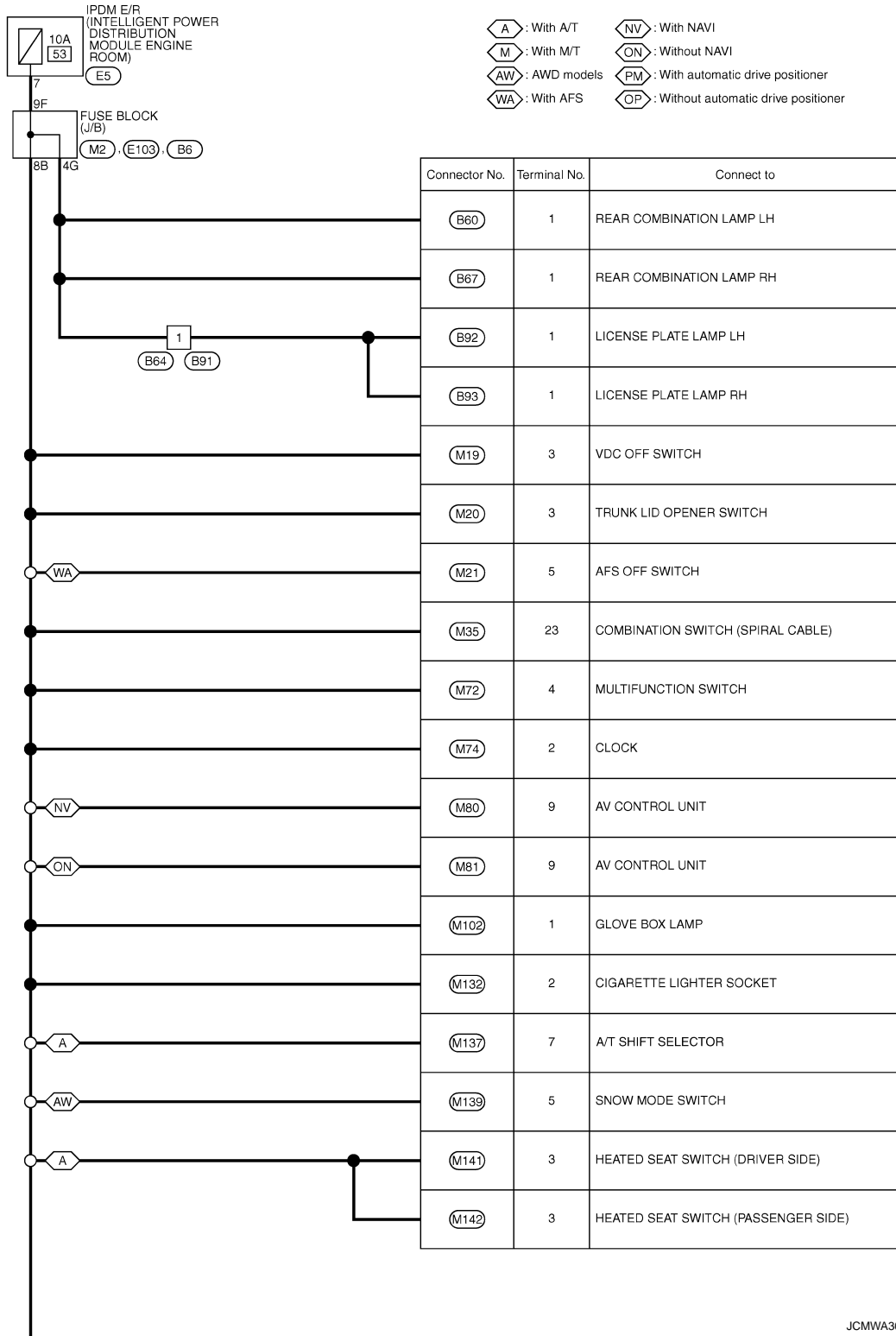
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000004239478

### BATTERY POWER SUPPLY FUSE No. 53

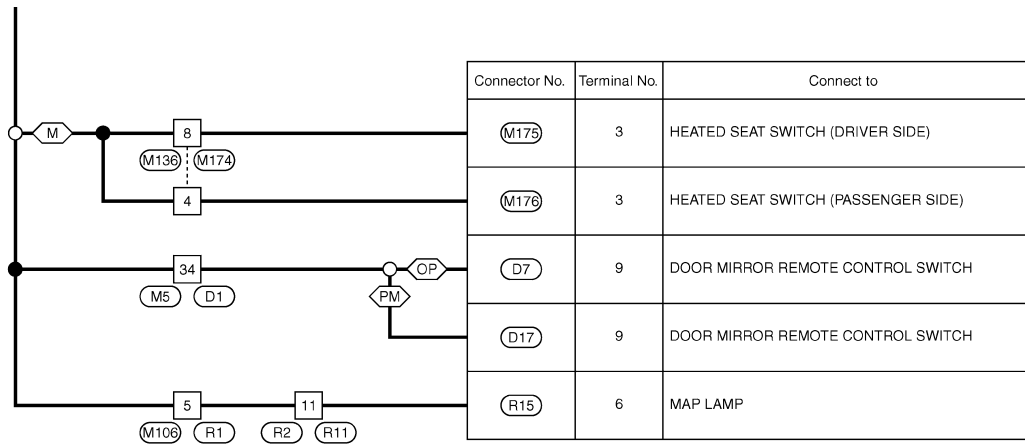


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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



A  
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PG

2008/08/07

JCMWA3078GE

# POWER SUPPLY ROUTING CIRCUIT

## [POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B36
Connector Name	FUSE BLOCK (L/E)
Connector Type	NS12FBR-CS



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

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NS04FW-CS



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

Connector No.	B64
Connector Name	WIRE TO WIRE
Connector Type	RK02EGY



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

Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS04FW-CS



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

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



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

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



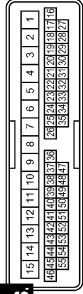
Terminal No.		G	-
Color of Wire			
Signal Name [Specification]			

Connector No.	B93
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RV02FBR



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

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



Terminal No.	34	R	-
Color of Wire			
Signal Name [Specification]			

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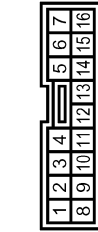
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

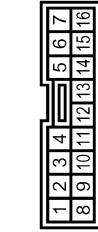
## BATTERY POWER SUPPLY FUSE No. 53

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



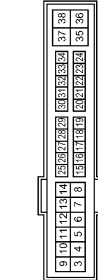
Terminal No.	9	R	—
Color of Wire			
Signal Name [Specification]			

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



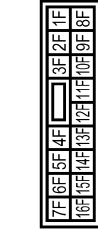
Terminal No.	9	R	—
Color of Wire			
Signal Name [Specification]			

Connector No.	E5
Connector Name	IPDM/E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TR20FW-CS12-M4-1V



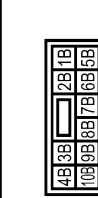
Terminal No.	7	R	—
Color of Wire			
Signal Name [Specification]			

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



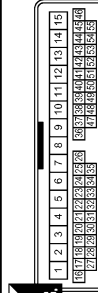
Terminal No.	9F	R	—
Color of Wire			
Signal Name [Specification]			

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



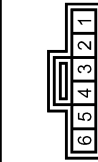
Terminal No.	8B	R	—
Color of Wire			
Signal Name [Specification]			

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



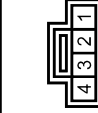
Terminal No.	34	G	—
Color of Wire			
Signal Name [Specification]			

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK06FGY



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

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



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

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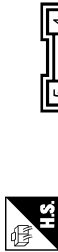
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M21
Connector Name	AFS OFF SWITCH
Connector Type	TK06FW-1V



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

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FY-EX-1V



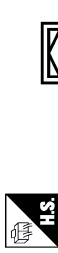
Terminal No.	23	R	—
Color of Wire			
Signal Name [Specification]			

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



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

Connector No.	M74
Connector Name	CLOCK
Connector Type	TH04FW-NH



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

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



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

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



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

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



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

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MP-NS3



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

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

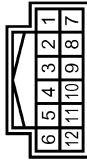
## BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03FW-GS



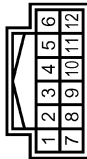
Terminal No.	2	BR			
Color of Wire					
Signal Name [Specification]					

Connector No.	M138
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	4	R	8	R	
Color of Wire					
Signal Name [Specification]					

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



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

Connector No.	M139
Connector Name	SNOW MODE SWITCH
Connector Type	TK08FW



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

Connector No.	M141
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE) (WITH A/T)
Connector Type	TK10FW



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

Connector No.	M142
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE) (WITH A/T)
Connector Type	TK08FBR



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

Connector No.	M174
Connector Name	WIRE TO WIRE
Connector Type	TH12MMF-NH



Terminal No.	4	R	8	R	
Color of Wire					
Signal Name [Specification]					

Connector No.	M175
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE) (WITH A/T)
Connector Type	TK10FW



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

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PG

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BATTERY POWER SUPPLY FUSE No. 53

Connector No.	MI76
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE) (WITH M/T)
Connector Type	TKGBER



Terminal No.	3	Color of Wire	R	Signal Name [Specification]	
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Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TKJDFW-NS5



Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	
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Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	11	Color of Wire	Y	Signal Name [Specification]	
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Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



Terminal No.	11	Color of Wire	Y	Signal Name [Specification]	
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Connector No.	R15
Connector Name	MAP LAMP
Connector Type	TKBFGY



Terminal No.	6	Color of Wire	Y	Signal Name [Specification]	
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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

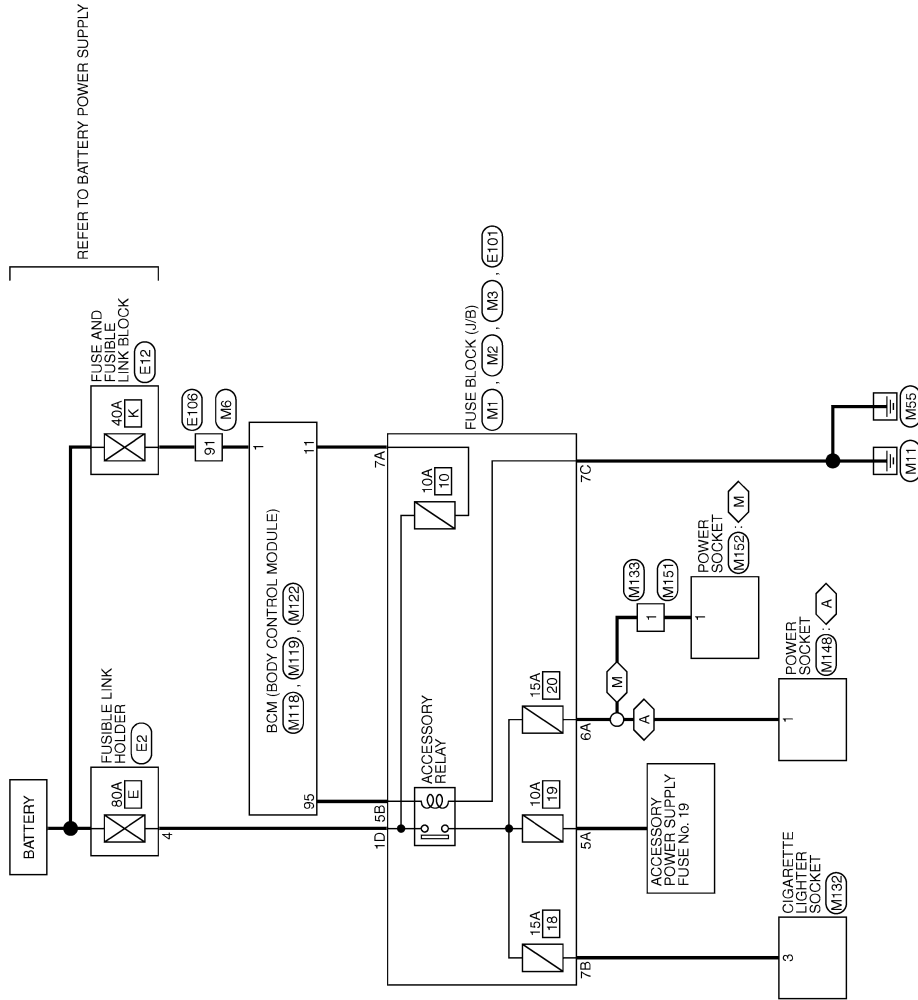
[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - ACCESSORY POWER SUPPLY -

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### ACCESSORY POWER SUPPLY

◁ A ▷ : With A/T  
 ◁ W ▷ : With M/T



A  
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2008/08/07











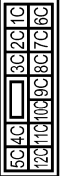

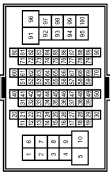



JCMWA3084GE

# 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>L02FGY-11C</td></tr> </table>  	Connector No.	E2	Connector Name	FUSIBLE LINK HOLDER	Connector Type	L02FGY-11C	<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	L02FGY-11C																								
Terminal No.	4																								
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>L01FW-11C</td></tr> </table>  	Connector No.	E101	Connector Name	FUSE BLOCK (J/B)	Connector Type	L01FW-11C	<table border="1"> <tr><td>Terminal No.</td><td>ID</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	ID	Color of Wire	R	Signal Name [Specification]													
Connector No.	E101																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	L01FW-11C																								
Terminal No.	ID																								
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>T180FW-CS16-T1M4</td></tr> </table>  	Connector No.	E106	Connector Name	WIRE TO WIRE	Connector Type	T180FW-CS16-T1M4	<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.	E106																								
Connector Name	WIRE TO WIRE																								
Connector Type	T180FW-CS16-T1M4																								
Terminal No.	91																								
Color of Wire	W																								
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>NS16FW-M2</td></tr> </table>  	Connector No.	M1	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS16FW-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	NS16FW-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>5B</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> <tr><td>Terminal No.</td><td>7B</td></tr> <tr><td>Color of Wire</td><td>P</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	5B	Color of Wire	O	Signal Name [Specification]		Terminal No.	7B	Color of Wire	P	Signal Name [Specification]							
Connector No.	M2																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	NS10FW-CS																								
Terminal No.	5B																								
Color of Wire	O																								
Signal Name [Specification]																									
Terminal No.	7B																								
Color of Wire	P																								
Signal Name [Specification]																									
<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>T180MW-CS16-T1M4</td></tr> </table>  	Connector No.	M6	Connector Name	WIRE TO WIRE	Connector Type	T180MW-CS16-T1M4	<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	T180MW-CS16-T1M4																								
Terminal No.	91																								
Color of Wire	W																								
Signal Name [Specification]																									
<table border="1"> <tr><td>Connector No.</td><td>M118</td></tr> <tr><td>Connector Name</td><td>BCM (BODY CONTROL MODULE)</td></tr> <tr><td>Connector Type</td><td>M03FB-LC</td></tr> </table>  	Connector No.	M118	Connector Name	BCM (BODY CONTROL MODULE)	Connector Type	M03FB-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.	M118																								
Connector Name	BCM (BODY CONTROL MODULE)																								
Connector Type	M03FB-LC																								
Terminal No.	1																								
Color of Wire	W																								
Signal Name [Specification]	BAT (F/L)																								

JCMWA3085G1

# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

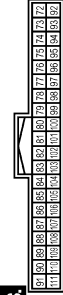
## ACCESSORY POWER SUPPLY

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



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

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



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

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS33FW-CS



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

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



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

Connector No.	M148
Connector Name	POWER SOCKET (WITH A/T)
Connector Type	P02FB-Z



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

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



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

Connector No.	M152
Connector Name	POWER SOCKET (WITH M/T)
Connector Type	P02FB-Z



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

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L  
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O  
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# POWER SUPPLY ROUTING CIRCUIT

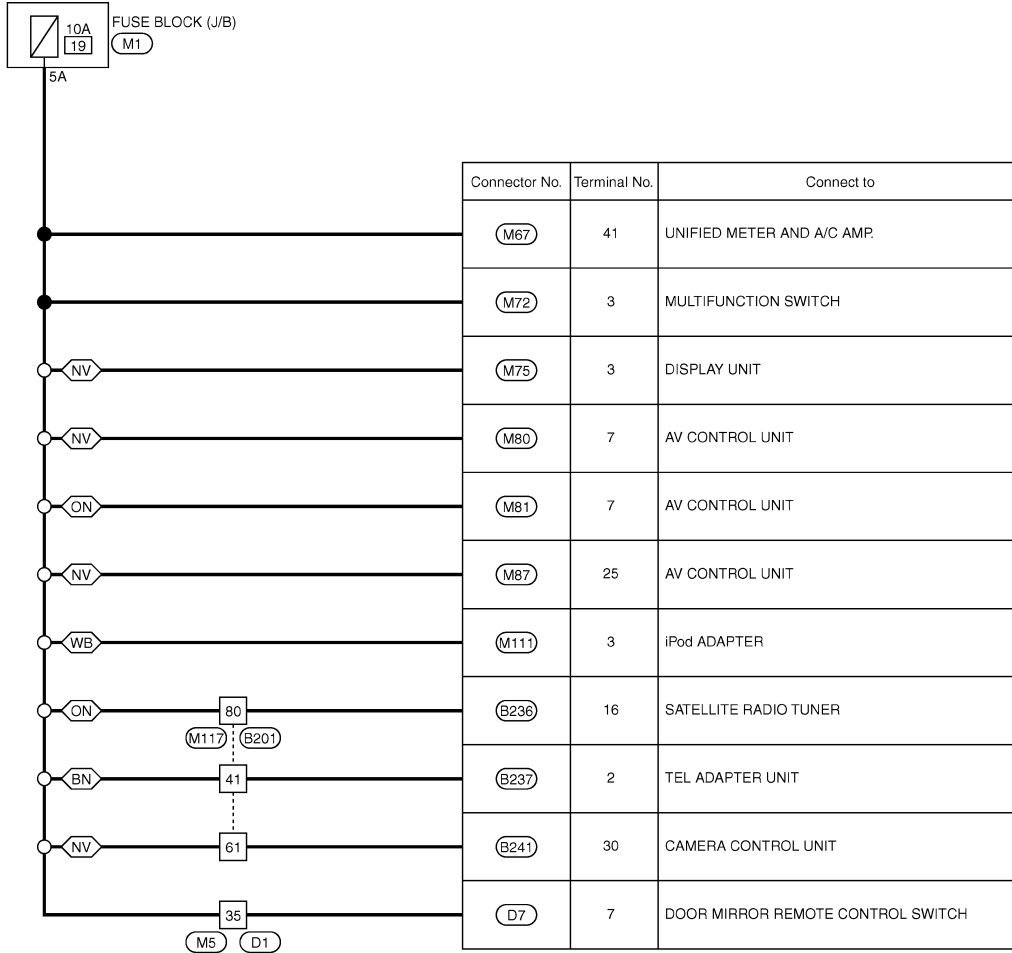
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 - ACCESSORY POWER SUPPLY FUSE No. 19

INFOID:000000004239480

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



2008/08/07

JCMWA3087GE



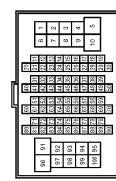
# POWER SUPPLY ROUTING CIRCUIT

< 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



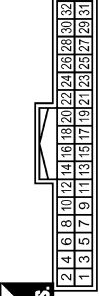
Terminal No.	41	61	80
Color of Wire	LG	LG	O
Signal Name [Specification]	-	-	-

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



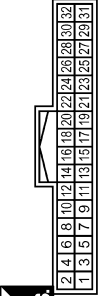
Terminal No.	16
Color of Wire	O
Signal Name [Specification]	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH82FW-NH



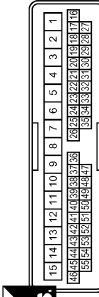
Terminal No.	2
Color of Wire	LG
Signal Name [Specification]	ACC

Connector No.	B241
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH82FW-NH



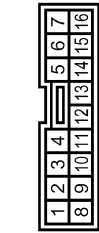
Terminal No.	30
Color of Wire	LG
Signal Name [Specification]	ACC

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



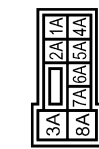
Terminal No.	35
Color of Wire	V
Signal Name [Specification]	-

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



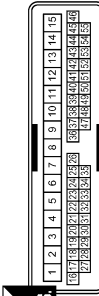
Terminal No.	7
Color of Wire	V
Signal Name [Specification]	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS86FW-M2



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

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



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

JCMWA3088GE

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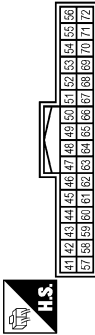
# POWER SUPPLY ROUTING CIRCUIT

< 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	TH32FW-NH



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

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



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

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



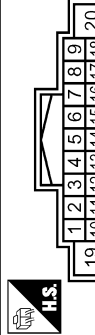
Terminal No.	3	LG	ACC
Color of Wire	LG		
Signal Name [Specification]			ACC

Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-GS2



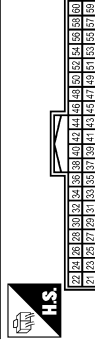
Terminal No.	7	GR	ACC
Color of Wire	GR		
Signal Name [Specification]			ACC

Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-GS2



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

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



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

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



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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MP-GS16-TM4



Terminal No.	41	G	
Color of Wire	G		
Signal Name [Specification]			
Terminal No.	80	SB	
Color of Wire	SB		
Signal Name [Specification]			
Terminal No.		W	
Color of Wire		W	
Signal Name [Specification]			

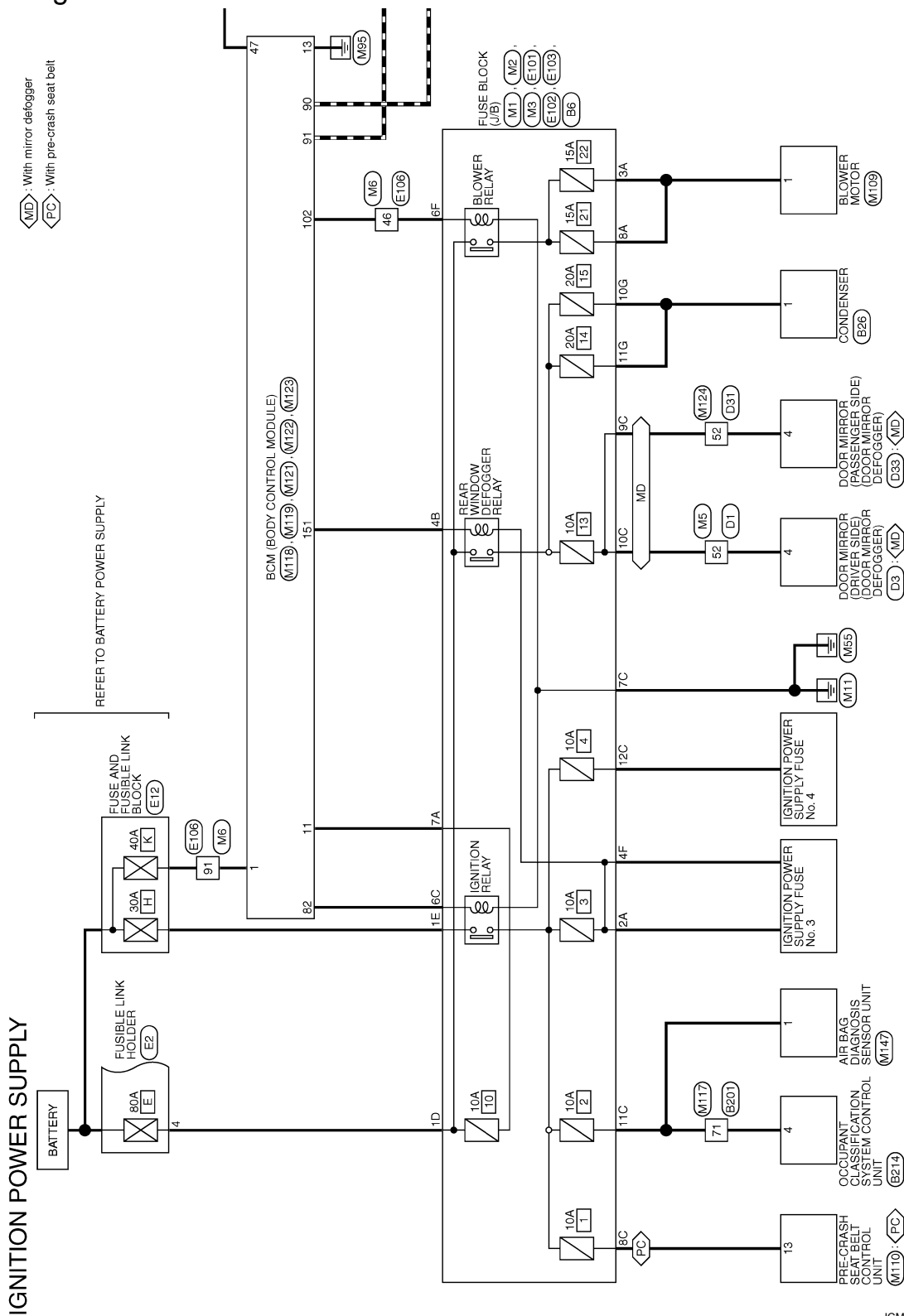
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - IGNITION POWER SUPPLY -

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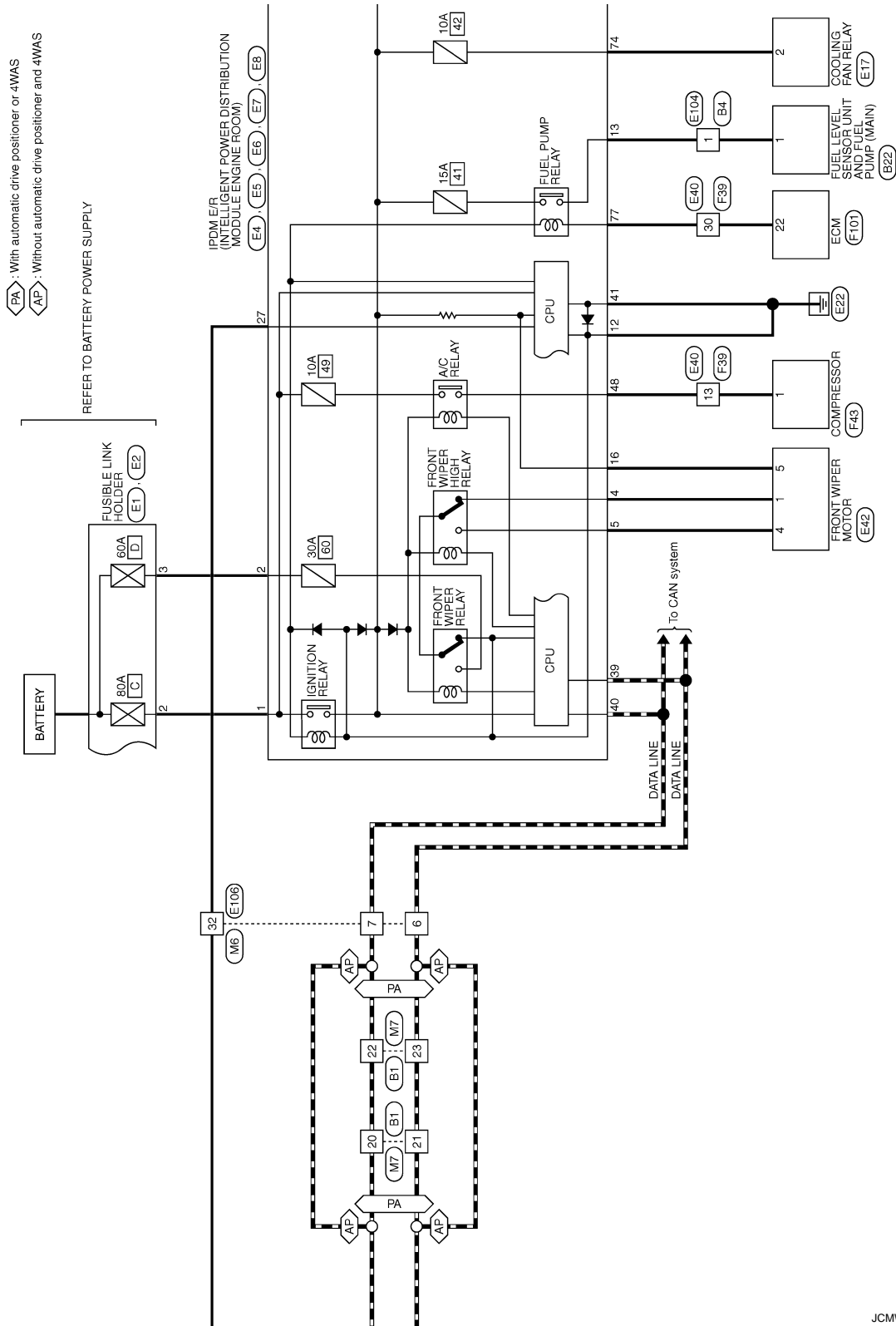
A  
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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



JCMWA3091Gf

# POWER SUPPLY ROUTING CIRCUIT

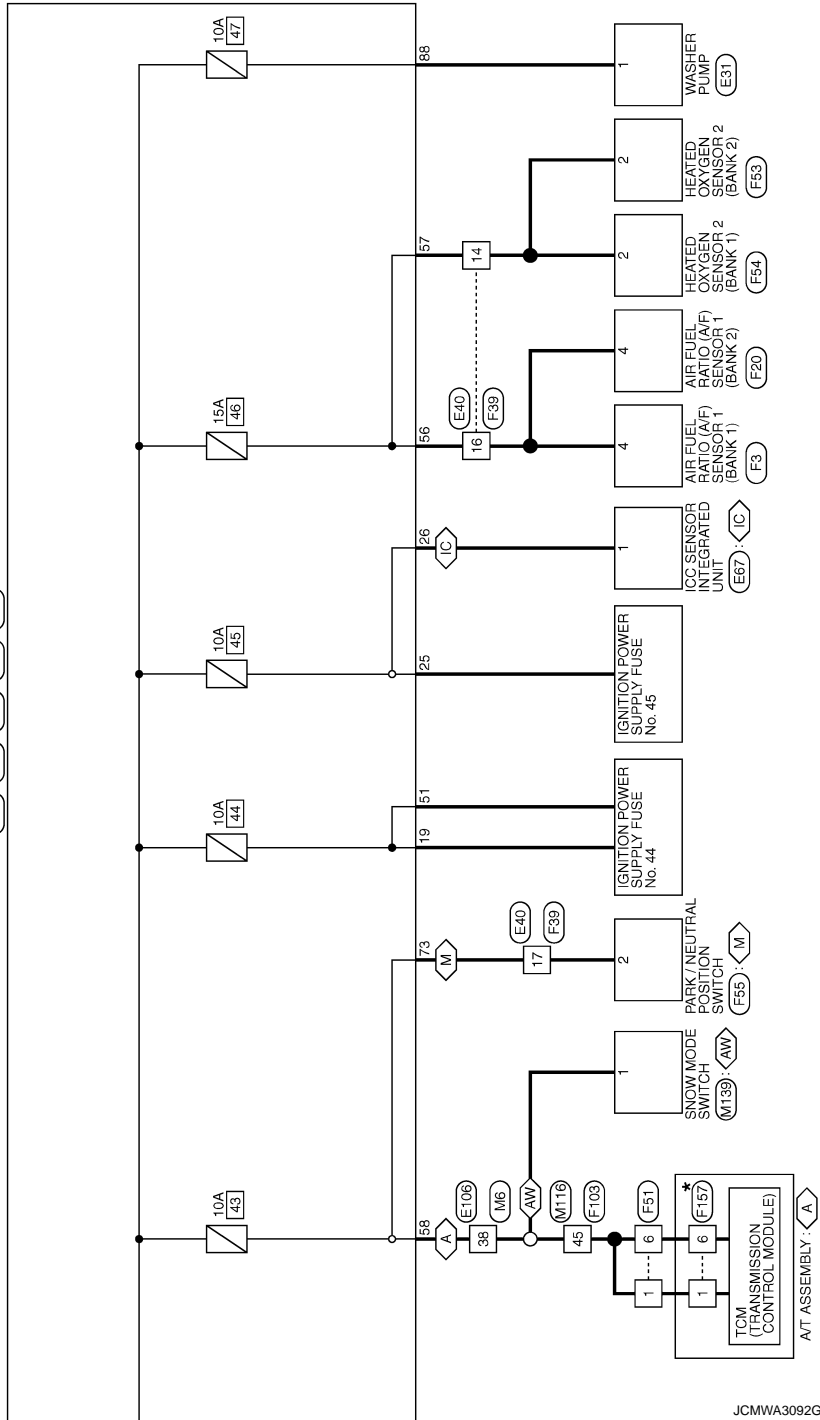
## [POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

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

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

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



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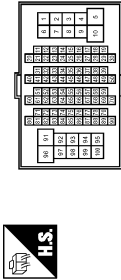
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## IGNITION POWER SUPPLY

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



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

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
10G	W	-
11G	W	-

Connector No.	B22
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)
Connector Type	EB5FGY-RS



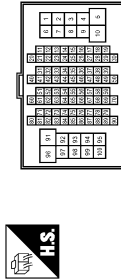
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-

Connector No.	B28
Connector Name	CONDENSER
Connector Type	MD1FW-LC



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



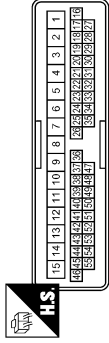
Terminal No.	Color of Wire	Signal Name [Specification]
71	R	-

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH8DFW-NH



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

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH4DFW-CS15



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

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

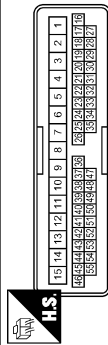
## IGNITION POWER SUPPLY

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH12MW-NH



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

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS1.5



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

Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH12MW-NH



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

Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FBR-MC



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

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



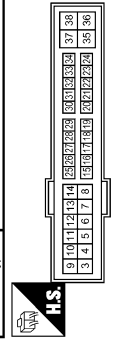
Terminal No.	3	L	-	-	-
Color of Wire					
Signal Name [Specification]					

Connector No.	E4
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	L02FBR-MC



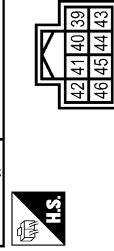
Terminal No.	1	W	-	-	-
Color of Wire					
Signal Name [Specification]					

Connector No.	E5
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH20FW-CS1F-MR-TV



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

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



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

JCMWA3094GE

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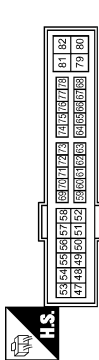
# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

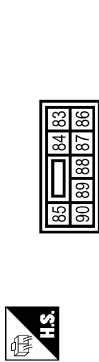
## IGNITION POWER SUPPLY

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH00FW-GS12-44



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

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



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347_9F00



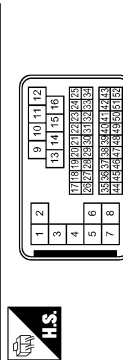
Terminal No. of Wire	Color	Signal Name [Specification]
2	G	-

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



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

Connector No.	E40
Connector Name	WIRE TO WIRE
Connector Type	SAA38MP-RS8-SH23



Terminal No. of Wire	Color	Signal Name [Specification]
13	L	-
14	G	-
16	LG	-
17	P	-
30	R	-

Connector No.	E2
Connector Name	FRONT WIPER MOTOR
Connector Type	HS05FGY



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

Connector No.	E67
Connector Name	ICC SENSOR INTEGRATED UNIT
Connector Type	RS06FB-PR



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO1FW-MC



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



# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

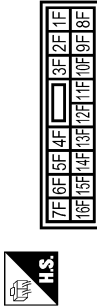
## IGNITION POWER SUPPLY

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	IM02EP-LC



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

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



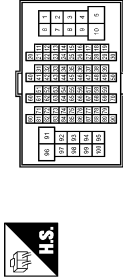
Terminal No.	4F	G		Signal Name [Specification]
Color of Wire	G			
Terminal No.	6F	BR		

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS303MM-CS



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

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FY-CS/6-TM4



Terminal No.	6	P		Signal Name [Specification]
Color of Wire	P			
Terminal No.	7	L		
Color of Wire	L			
Terminal No.	32	O		
Color of Wire	O			
Terminal No.	38	GR		
Color of Wire	GR			
Terminal No.	46	BR		
Color of Wire	BR			
Terminal No.	91	W		
Color of Wire	W			

Connector No.	F3
Connector Name	AFR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZ04FDGY



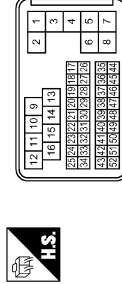
Terminal No.	4	Y		Signal Name [Specification]
Color of Wire	Y			

Connector No.	F20
Connector Name	AFR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZ04FDGY



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

Connector No.	F39
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RSS-SH28



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

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



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

JCMWA3096GE

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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-DDY



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

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04EB



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

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04EB



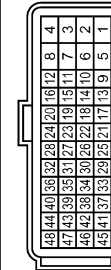
Terminal No.	Color of Wire	Signal Name [Specification]
2	R	

Connector No.	F55
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	RK02FEB



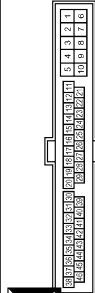
Terminal No.	Color of Wire	Signal Name [Specification]
2	W	

Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R2B-L-LH-Z



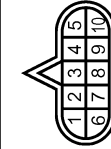
Terminal No.	Color of Wire	Signal Name [Specification]
22	R	FPR

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TKS6FW-NS1.0



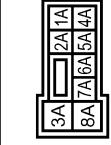
Terminal No.	Color of Wire	Signal Name [Specification]
45	G	

Connector No.	F157
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



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	NSG6FW-M2



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

JCMWA3097G1

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

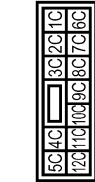
## IGNITION POWER SUPPLY

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



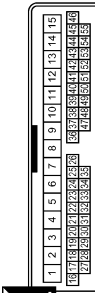
Terminal No.	Color of Wire	Signal Name [Specification]
4B	G	-

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



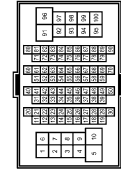
Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
8C	W	-
9C	O	-
10C	L	-
11C	LG	-
12C	R	-

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MM-CS15



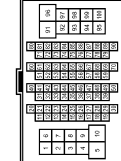
Terminal No.	Color of Wire	Signal Name [Specification]
52	L	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH60MM-CS16-TM4



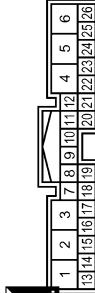
Terminal No.	Color of Wire	Signal Name [Specification]
6	P	-
7	L	-
32	Y	-
38	Y	-
45	O	-
91	W	-

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH60MM-CS16-TM4



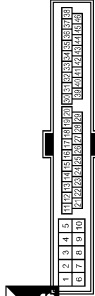
Terminal No.	Color of Wire	Signal Name [Specification]
20	L	-
21	P	-
22	L	-
23	P	-

Connector No.	M10
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH20FW-TB6



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

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK-38MM-NS10



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

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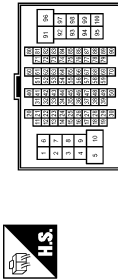
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## IGNITION POWER SUPPLY

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH30MW-CS16-TM4



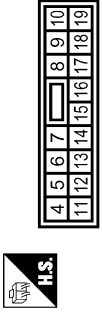
Terminal No.	71	R	Signal Name [Specification]

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



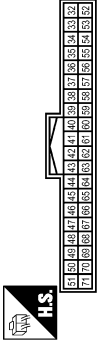
Terminal No.	1	W	Signal Name [Specification]
			BAT (E/L)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	HS16FW-CS



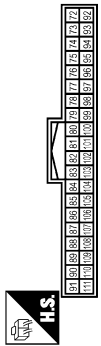
Terminal No.	11	R	Signal Name [Specification]
	13	B	BAT (FUSE)
			GND

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FY-NH



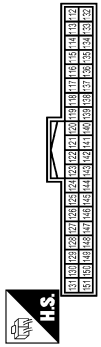
Terminal No.	47	Y	Signal Name [Specification]
			IGN RELAY (PDM E/R) CONT

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



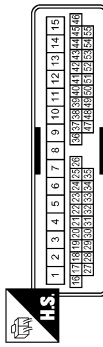
Terminal No.	82	R	Signal Name [Specification]
	90	P	IGN RELAY (F/B) CONT
	91	L	CAN-L
	102	O	CAN-H
			BLOWER FAN MOTOR RELAY CONT

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



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

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	52	O	Signal Name [Specification]

Connector No.	M139
Connector Name	SNOW MODE SWITCH
Connector Type	TK03PW



Terminal No.	1	BR	Signal Name [Specification]

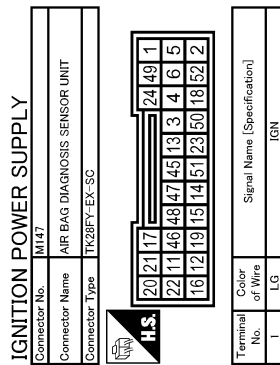
JCMWA3099Gf

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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JCMWA3100GE

# POWER SUPPLY ROUTING CIRCUIT

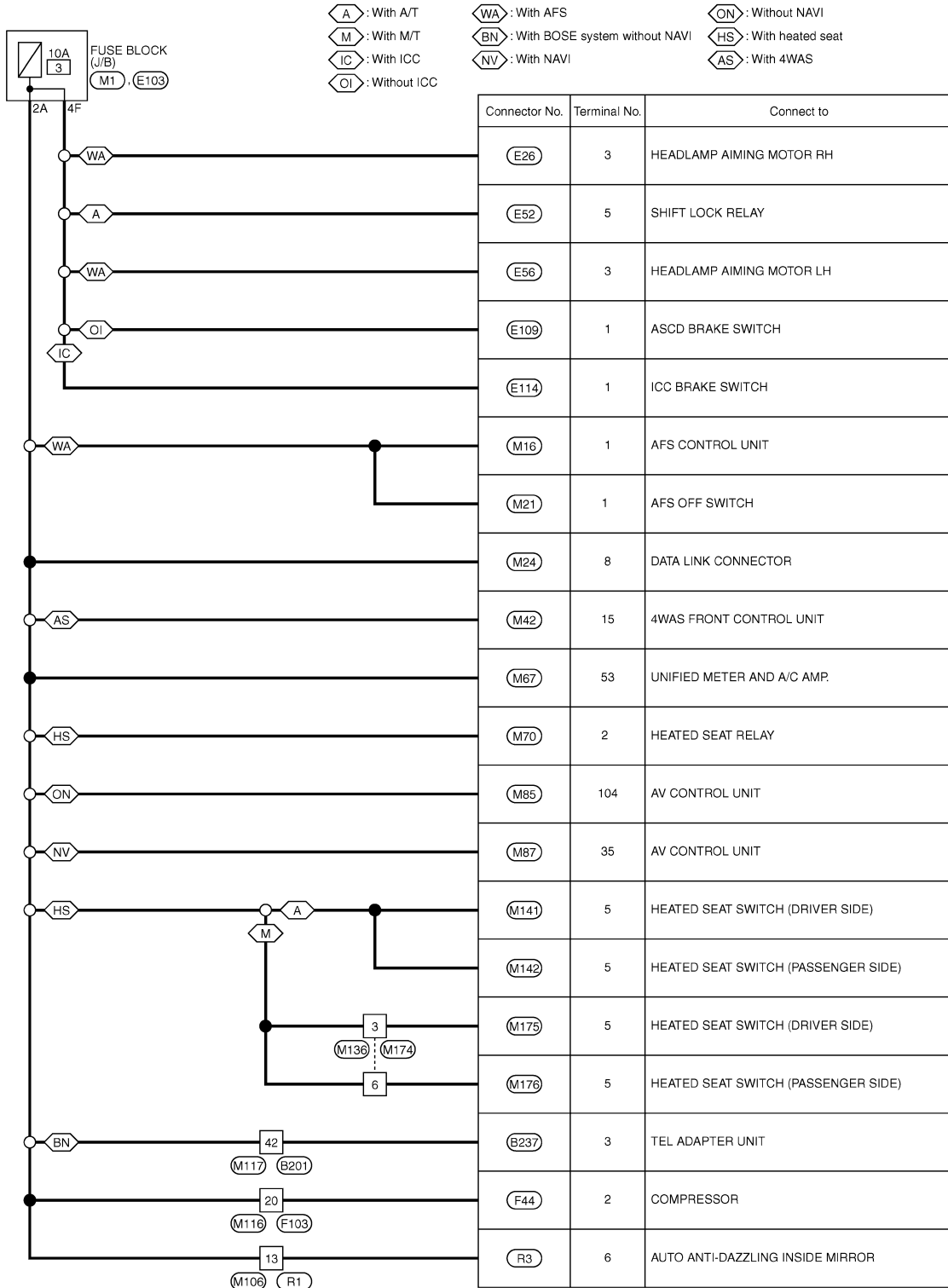
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000004239482

### IGNITION POWER SUPPLY FUSE No. 3



2008/08/07

JCMWA3101GE

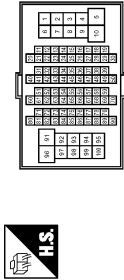
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

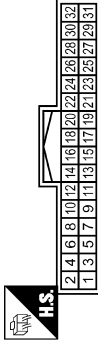
## IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E201
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	42	W	Signal Name [Specification]
Color of Wire	W		

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH82FW-NH



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

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



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

Connector No.	E32
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02E-M2



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

Connector No.	E56
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



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

Connector No.	E03
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



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

Connector No.	E09
Connector Name	ASCD BRAKE SWITCH
Connector Type	SS2FL



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

Connector No.	E14
Connector Name	IOC BRAKE SWITCH
Connector Type	SS2FL



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

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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

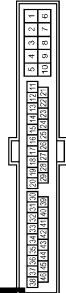
## IGNITION POWER SUPPLY FUSE No. 3

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RK02EGY



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

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



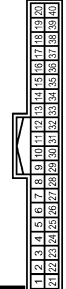
Terminal No.	20	Y	—
Color of Wire	Y	Signal Name [Specification]	

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



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

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



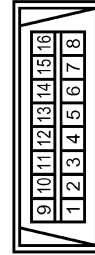
Terminal No.	1	R	IGN
Color of Wire	R	Signal Name [Specification]	

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



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

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



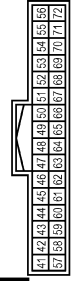
Terminal No.	8	G	—
Color of Wire	G	Signal Name [Specification]	

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



Terminal No.	15	SB	IGN
Color of Wire	SB	Signal Name [Specification]	

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH32FW-NH



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



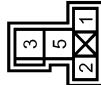
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

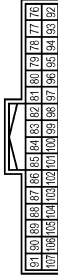
## IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS2FL-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	WIRE TO WIRE
Connector Type	TK10MF-NS5



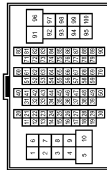
Terminal No.	13	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK58MW-NS10



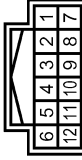
Terminal No.	20	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	42	Color of Wire	LG	Signal Name [Specification]	-
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Connector No.	M136
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



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

Connector No.	M141
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE) (WITH AV 1)
Connector Type	TK10PW



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

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

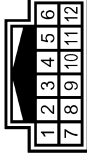
## IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M142
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE) (WITH A/T)
Connector Type	TK08FBR



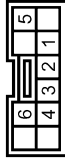
Terminal No.	5	Color of Wire	G	Signal Name [Specification]	
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Connector No.	M174
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



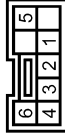
Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
Terminal No.	6	Color of Wire	W	Signal Name [Specification]	

Connector No.	M175
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE) (WITH M/T)
Connector Type	TK10FW



Terminal No.	5	Color of Wire	W	Signal Name [Specification]	
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Connector No.	M176
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE) (WITH M/T)
Connector Type	TK08FBR



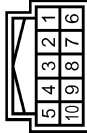
Terminal No.	5	Color of Wire	W	Signal Name [Specification]	
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Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NSB



Terminal No.	13	Color of Wire	BR	Signal Name [Specification]	
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Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



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

# POWER SUPPLY ROUTING CIRCUIT

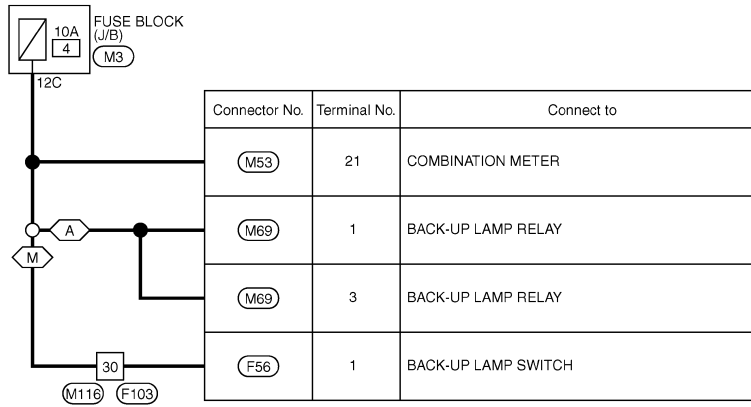
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000004239483

 : With A/T  
 : With M/T



A  
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# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

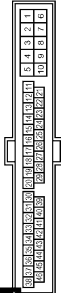
## IGNITION POWER SUPPLY FUSE NO. 4

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



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

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK68FW-NS10



Terminal No.	30	R	—
Color of Wire			
Signal Name [Specification]			

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



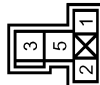
Terminal No.	12C	R	—
Color of Wire			
Signal Name [Specification]			

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB46FW



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

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



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

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK68MW-NS10



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

# POWER SUPPLY ROUTING CIRCUIT

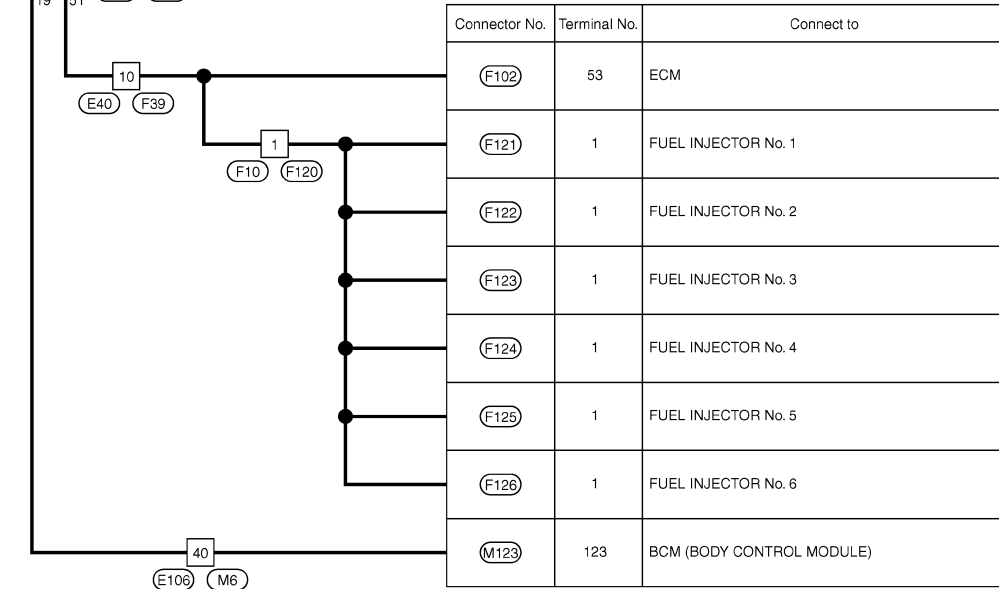
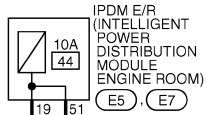
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000004239484

### IGNITION POWER SUPPLY FUSE No. 44



A  
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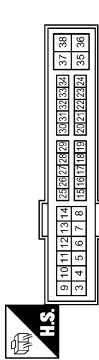
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

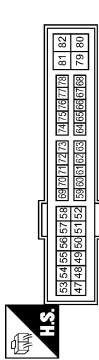
## IGNITION POWER SUPPLY FUSE No. 44

Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-GS12-4M-IV



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

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-GS12-4M



Terminal No.	51	Y	
Color of Wire			
Signal Name [Specification]			

Connector No.	E40
Connector Name	WIRE TO WIRE
Connector Type	SA436MB-RS8-SH28



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

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FY-CS16-TM4



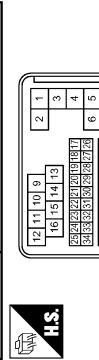
Terminal No.	40	R	
Color of Wire			
Signal Name [Specification]			

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



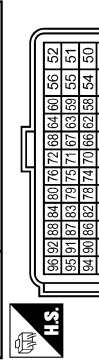
Terminal No.	1	G	
Color of Wire			
Signal Name [Specification]			

Connector No.	F9
Connector Name	WIRE TO WIRE
Connector Type	SA436FB-RS8-SH28



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

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



Terminal No.	53	W	IGNSW
Color of Wire			
Signal Name [Specification]			

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



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

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## IGNITION POWER SUPPLY FUSE No. 44

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



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

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



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

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



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

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



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

Connector No.	F125
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



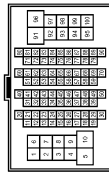
Terminal No.	I	G	-
Color of Wire			
Signal Name [Specification]			

Connector No.	F126
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS02FGY



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-7M4



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

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



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

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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

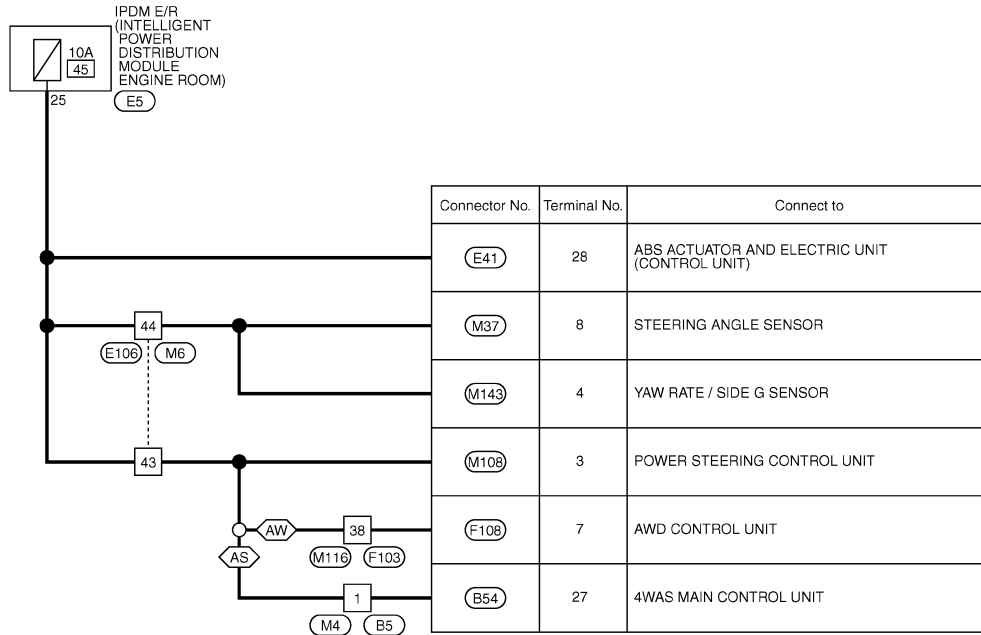
[POWER SUPPLY & GROUND CIRCUIT]

## Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000004239485

### IGNITION POWER SUPPLY FUSE No. 45

AW: AWD models  
AS: With 4WAS



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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## IGNITION POWER SUPPLY FUSE No. 45

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-NH

Terminal No.	1	G	Signal Name [Specification]	-
Terminal No.	43	G	Signal Name [Specification]	-
Terminal No.	44	G	Signal Name [Specification]	-

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-CS16-TM4

Terminal No.	1	G	Signal Name [Specification]	-
Terminal No.	43	G	Signal Name [Specification]	-
Terminal No.	44	G	Signal Name [Specification]	-

Connector No.	B54
Connector Name	4WAS MAIN CONTROL UNIT
Connector Type	A38FW-M4

Terminal No.	27	G	Signal Name [Specification]	IGN
Terminal No.	38	G	Signal Name [Specification]	-

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK36FW-NS1.0

Terminal No.	38	G	Signal Name [Specification]	-
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Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-CS16-TM4

Terminal No.	1	G	Signal Name [Specification]	-
Terminal No.	43	G	Signal Name [Specification]	-
Terminal No.	44	G	Signal Name [Specification]	-

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

Terminal No.	25	G	Signal Name [Specification]	-
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Connector No.	F108
Connector Name	AWD CONTROL UNIT
Connector Type	TH16FW-NH

Terminal No.	7	G	Signal Name [Specification]	IGN
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Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BAA42FB-AHZ-LH

Terminal No.	28	G	Signal Name [Specification]	UZ
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Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-NH

Terminal No.	1	G	Signal Name [Specification]	-
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# POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

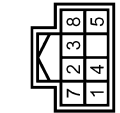
## IGNITION POWER SUPPLY FUSE No. 45

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



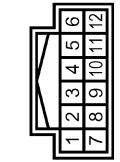
Terminal No.	43	44
Color of Wire	G	G
Signal Name [Specification]	-	-

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH88FW-NH



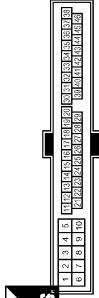
Terminal No.	8
Color of Wire	G
Signal Name [Specification]	IGN

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



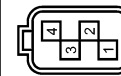
Terminal No.	3
Color of Wire	G
Signal Name [Specification]	VIGN

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MW-N10



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

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



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

JCMWA3113GE

# POWER SUPPLY ROUTING CIRCUIT

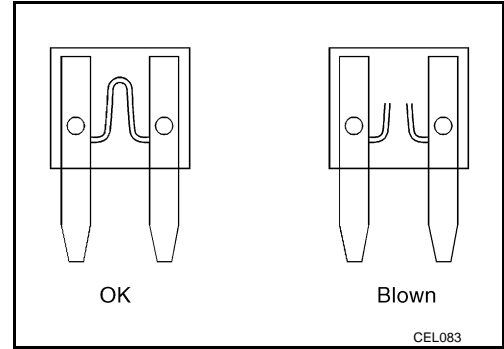
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Fuse

INFOID:000000004239486

- 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

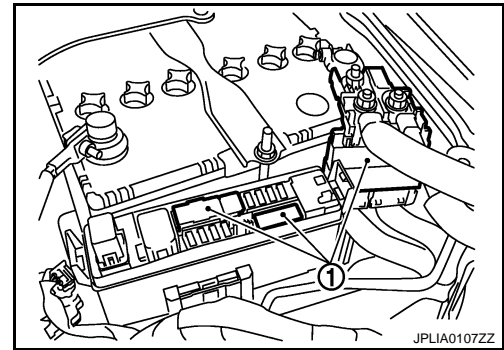
INFOID:000000004239487

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:

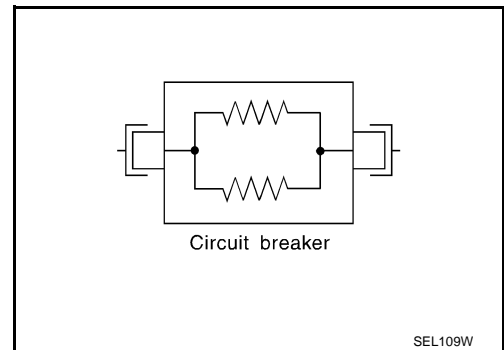
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



## Circuit Breaker

INFOID:000000004239488

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



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# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

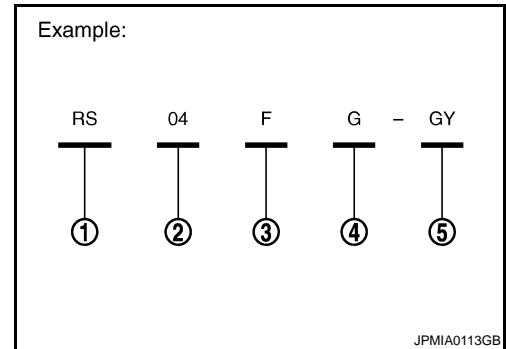
[POWER SUPPLY & GROUND CIRCUIT]

## HARNESS LAYOUT

### How To Read Harness Layout






INFOID:000000004239489

- 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.	—			

JPMA0114GB

# HARNES LAYOUT

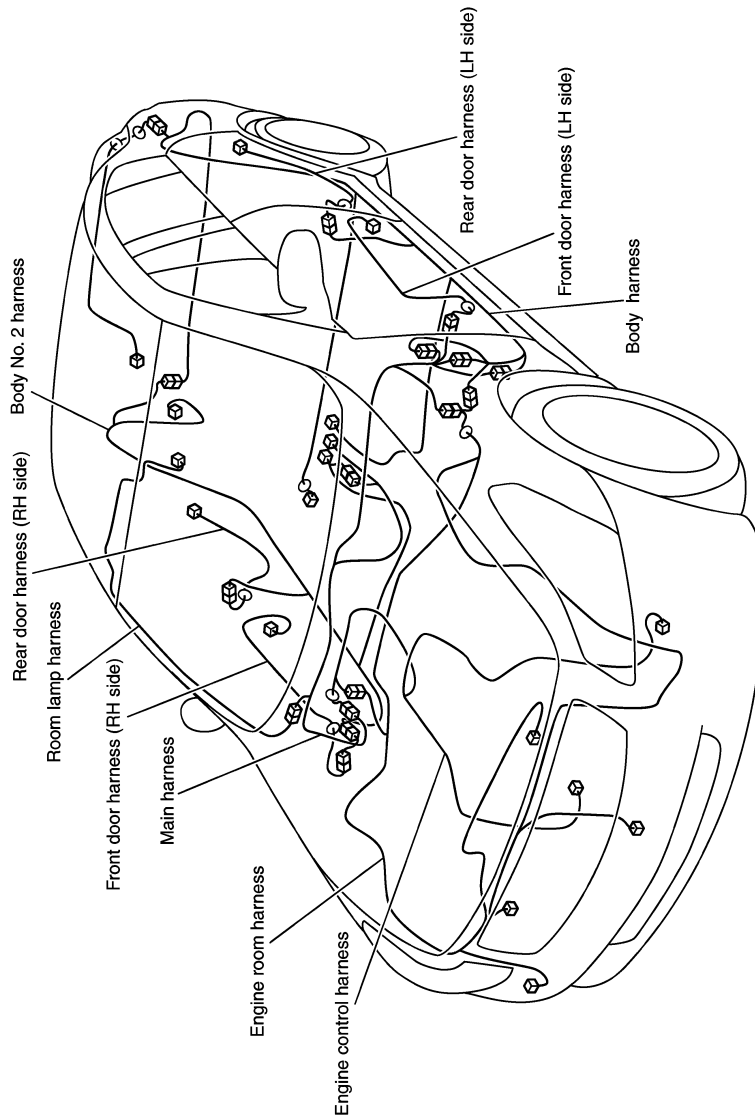
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Outline

INFOID:000000004239490

OUTLINE



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JCMIM0536GB

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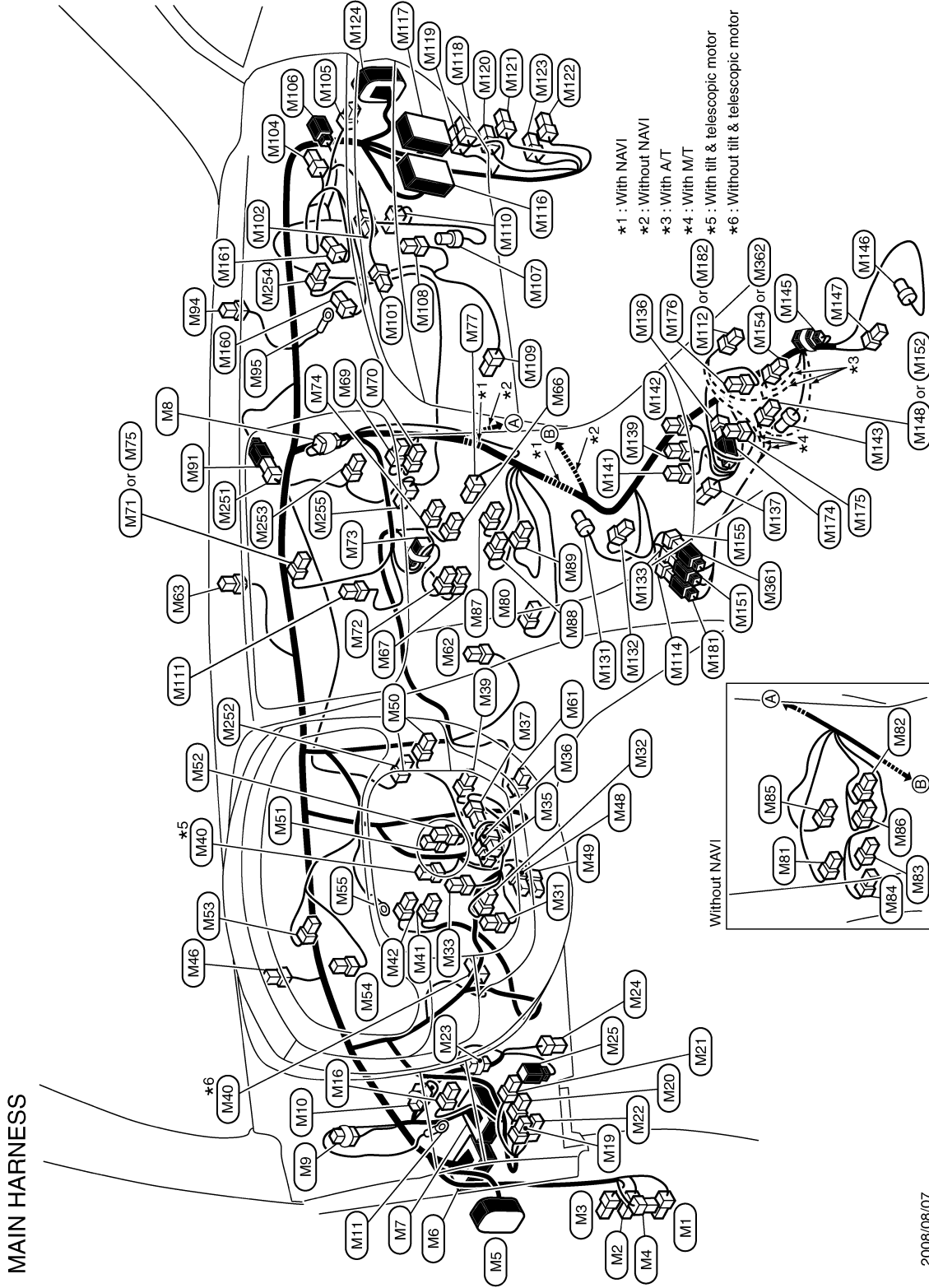
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Main Harness

INFOID:000000004239491



# HARNES LAYOUT

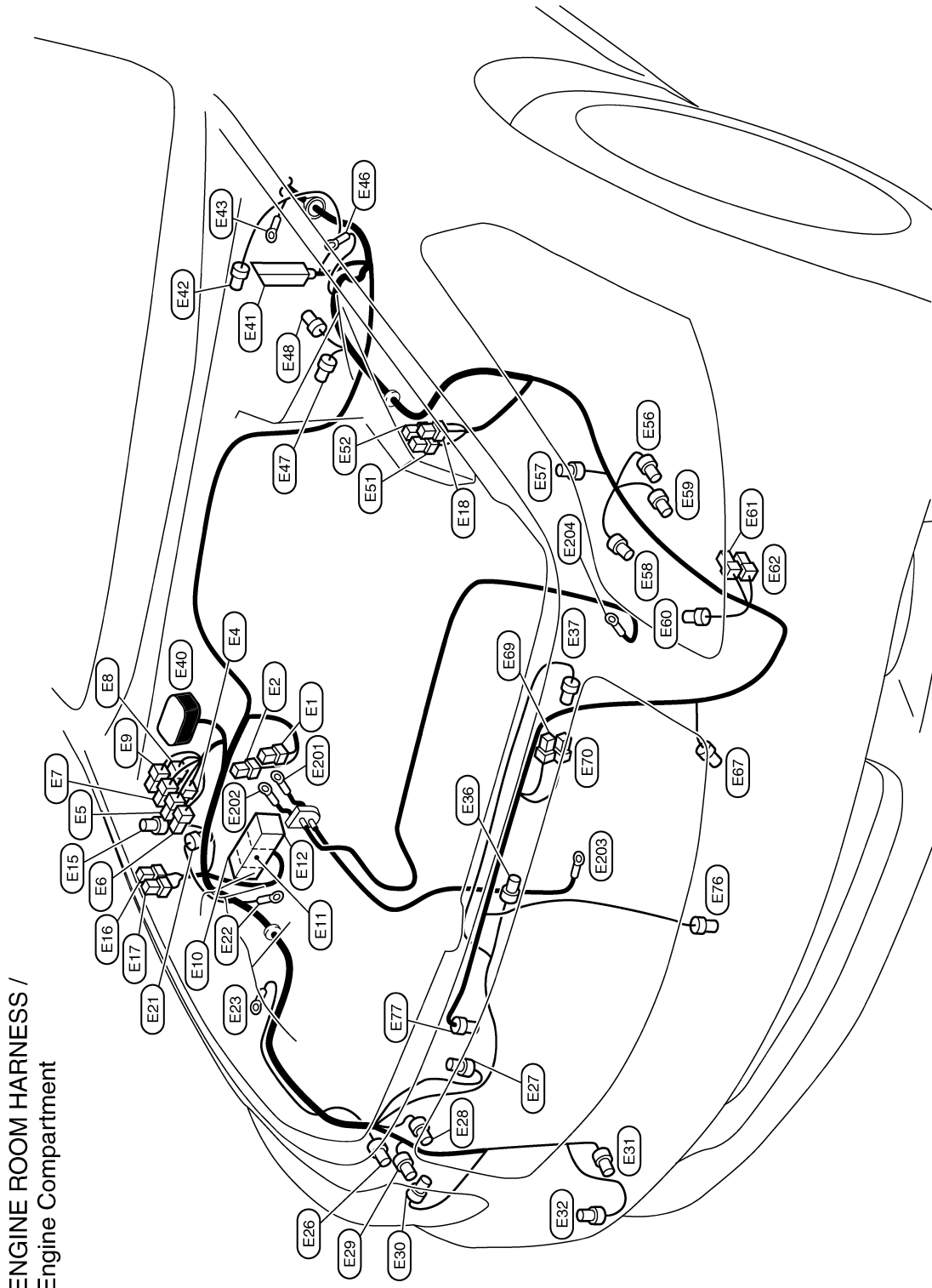
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Engine Room Harness

INFOID:000000004494847

### ENGINE COMPARTMENT



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JCMIM0538GB

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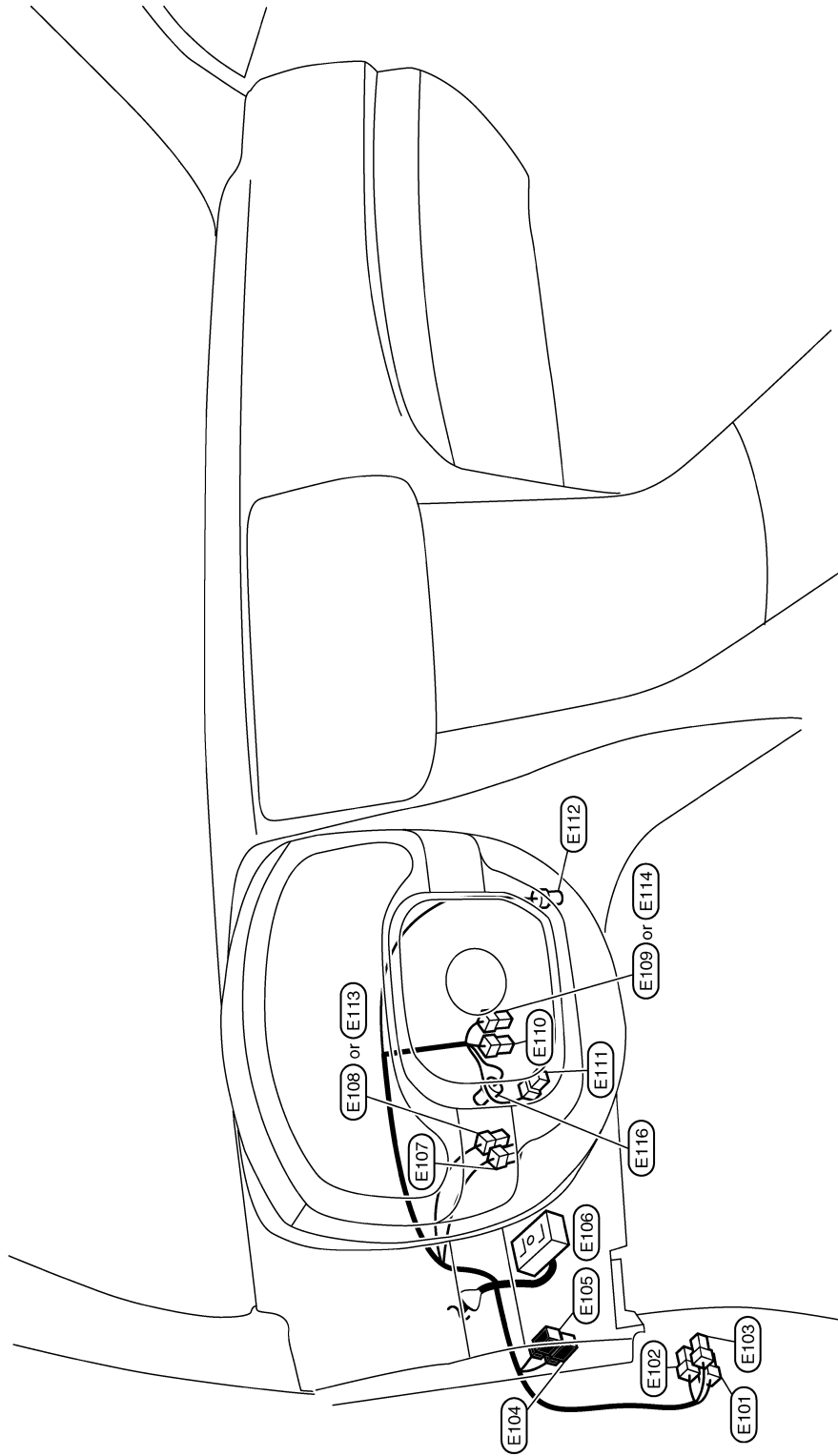
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



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# HARNES LAYOUT

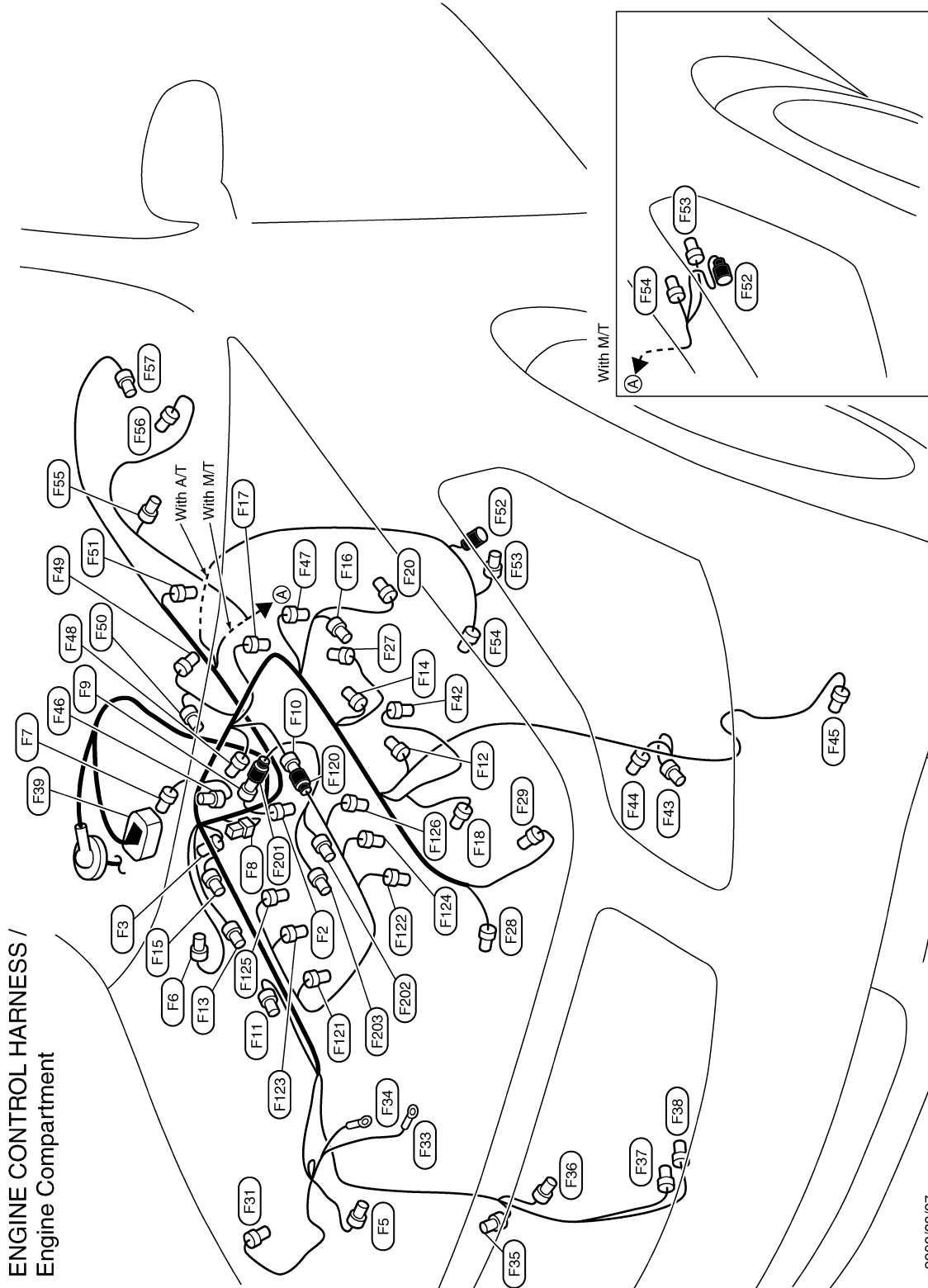
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Engine Control Harness

INFOID:000000004239493

### ENGINE COMPARTMENT



ENGINE CONTROL HARNESS /  
Engine Compartment

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2008/08/07

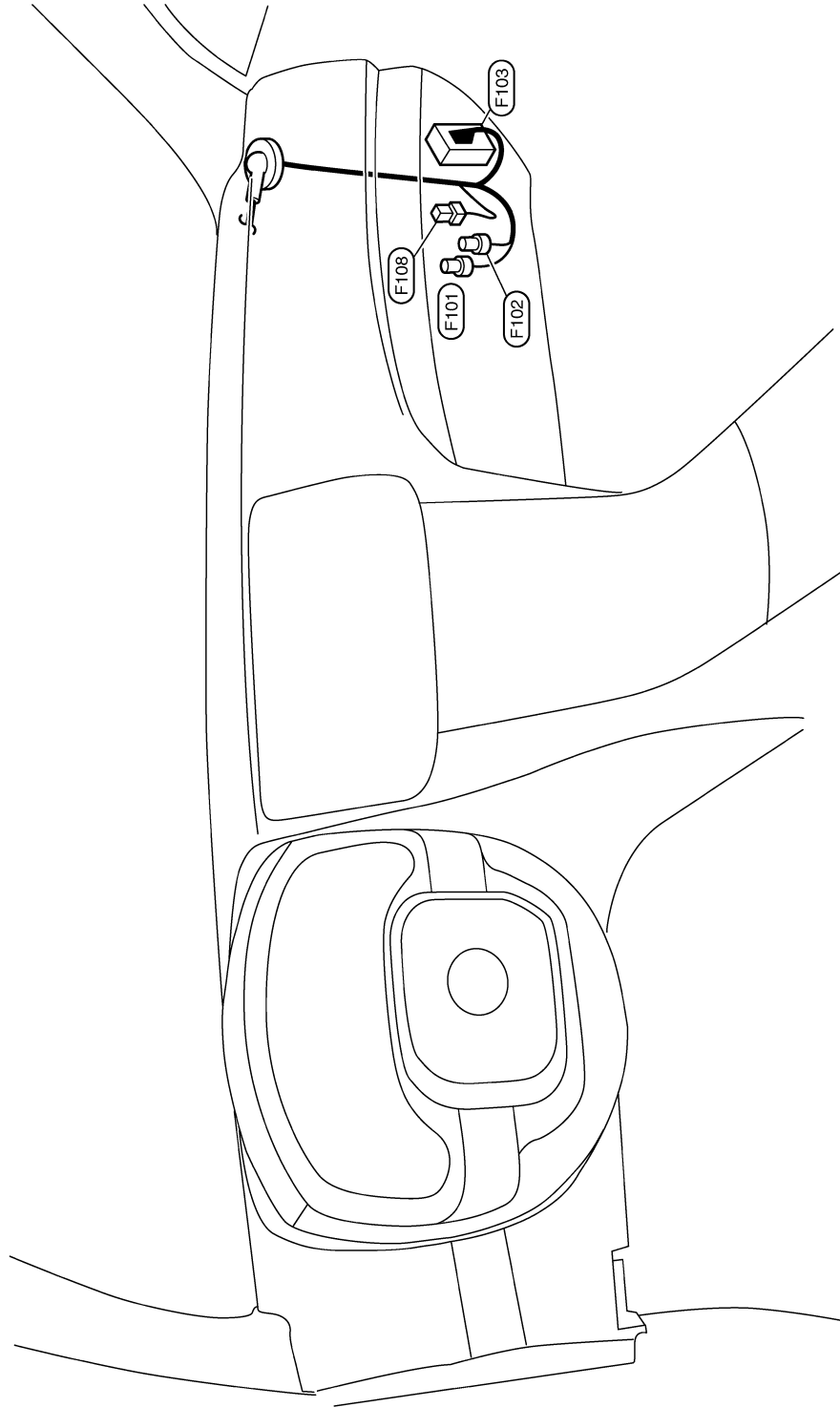
JCMIM0540GB

# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



Passenger Compartment

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# HARNES LAYOUT

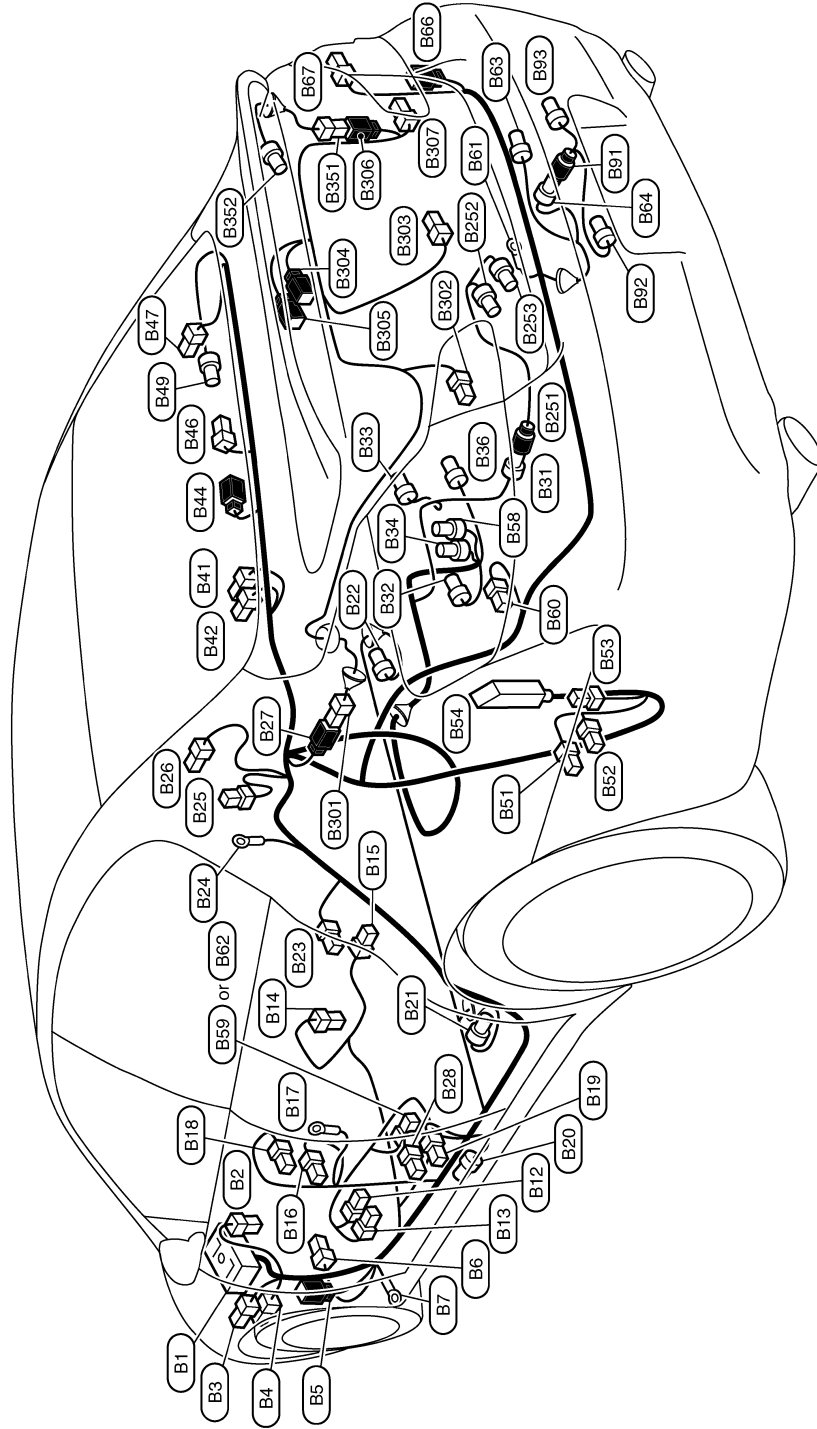
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Body Harness

INFOID:000000004239494

BODY HARNESS



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2008/08/07

JCMIM0542GB

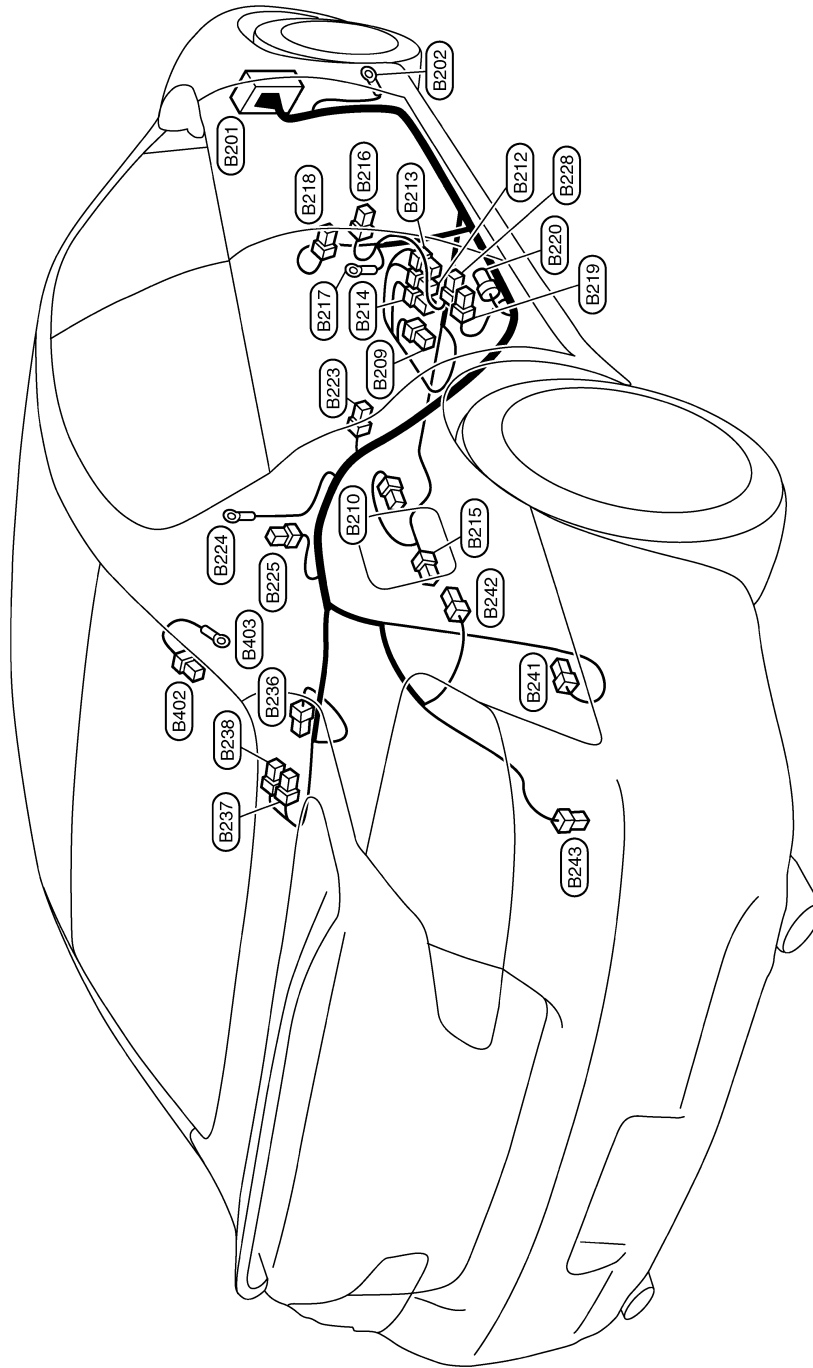
# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000004239495



BODY No. 2 HARNESS

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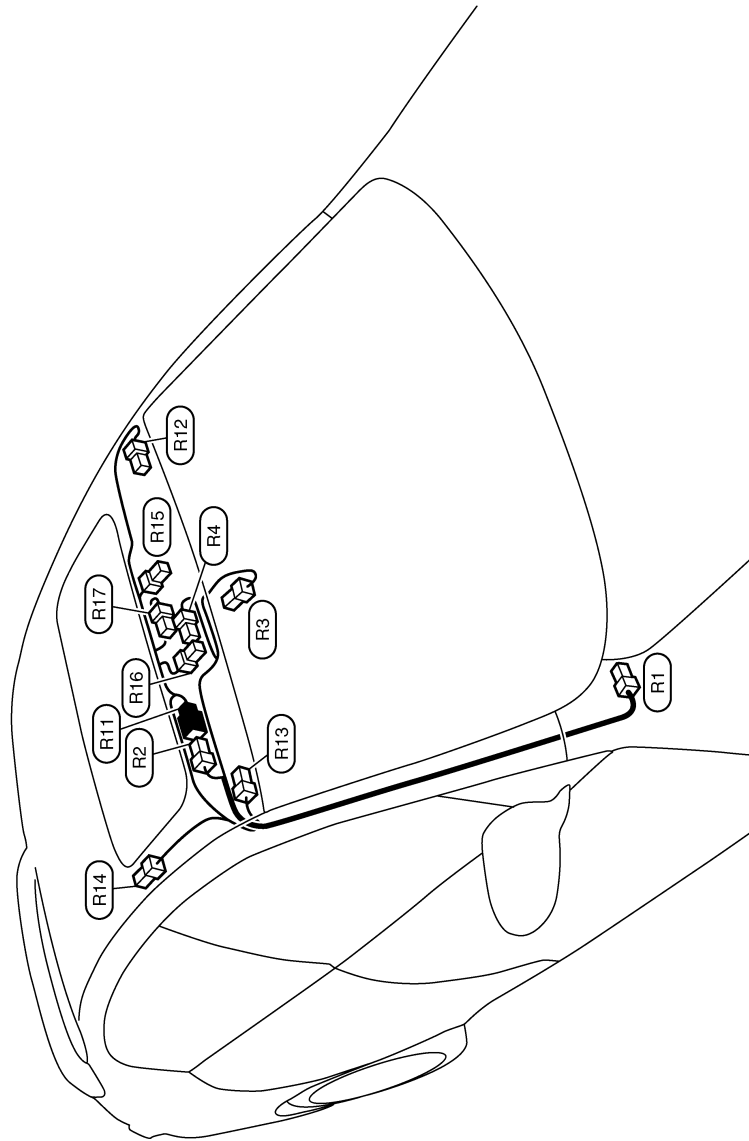
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Room Lamp Harness

INFOID:000000004239496



ROOM LAMP HARNESS

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2006/09/15

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# HARNESS LAYOUT

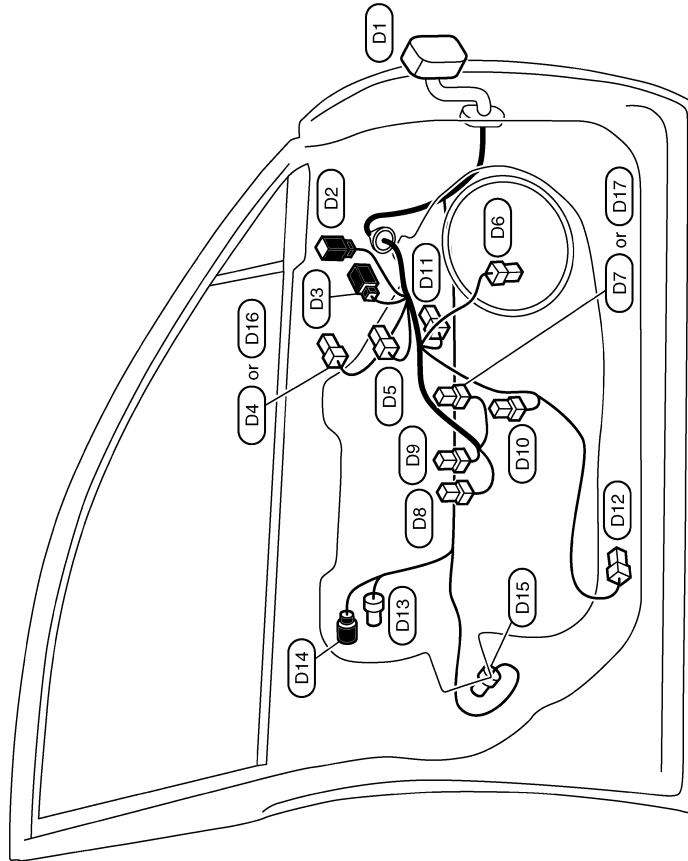
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Front Door Harness (LH Side)

INFOID:000000004239497

FRONT DOOR HARNESS (LH SIDE)



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JCMIM0544GB

# HARNES LAYOUT

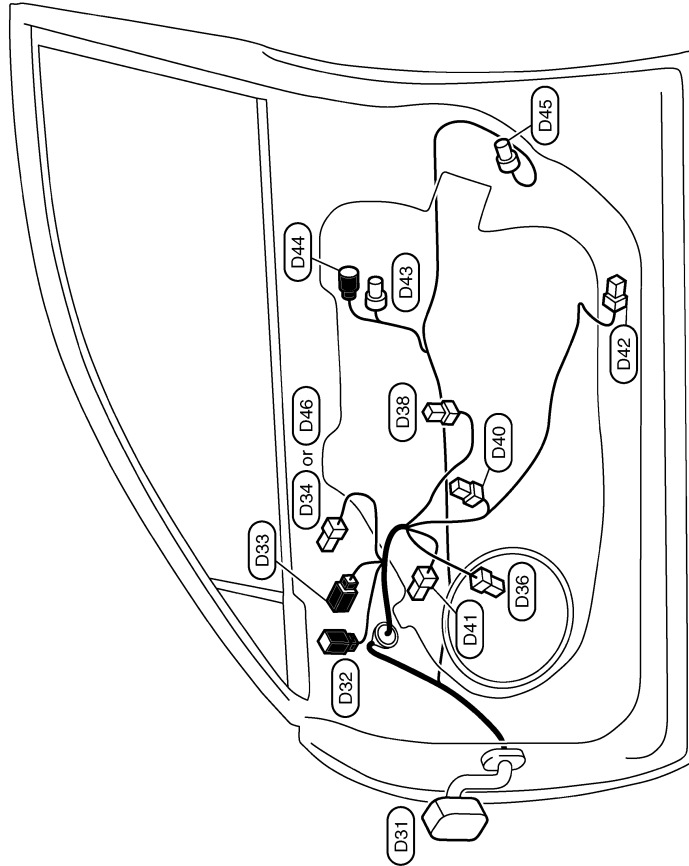
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Front Door Harness (RH Side)

INFOID:000000004239498

FRONT DOOR HARNESS (RH SIDE)



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PG

2008/08/07

JCMIM0545GB

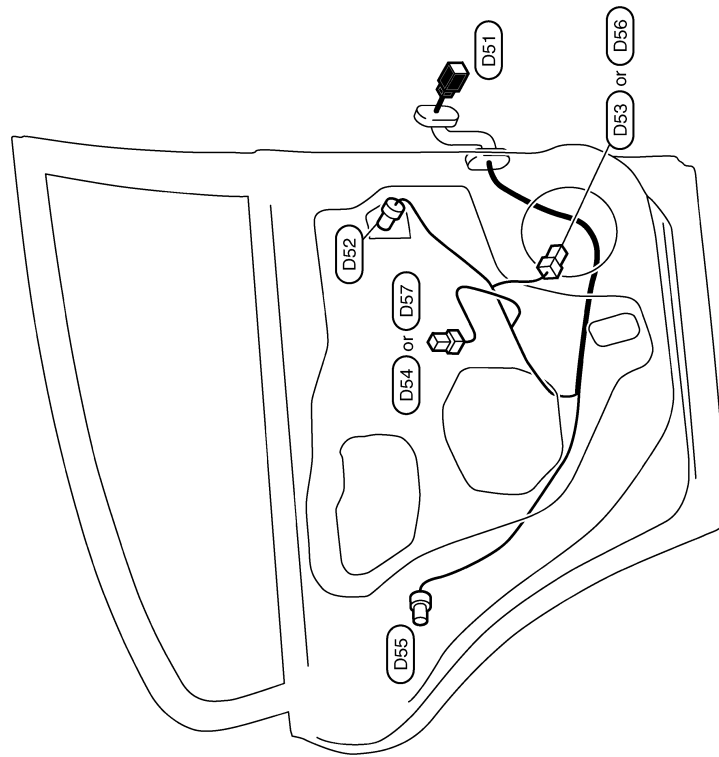
# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Rear Door Harness (LH Side)

INFOID:000000004239499



REAR DOOR HARNESS (LH SIDE)

2008/08/07

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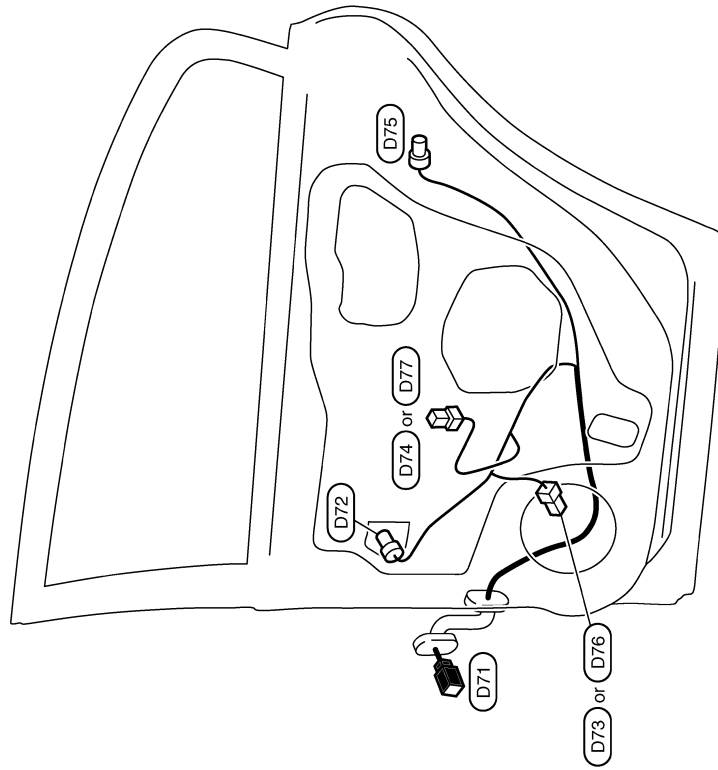
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## Rear Door Harness (RH Side)

INFOID:000000004239500



REAR DOOR HARNESS (RH SIDE)

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2008/08/07

JCMIM0547GB

# HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## HARNESS CONNECTOR

### Description

INFOID:000000004239501

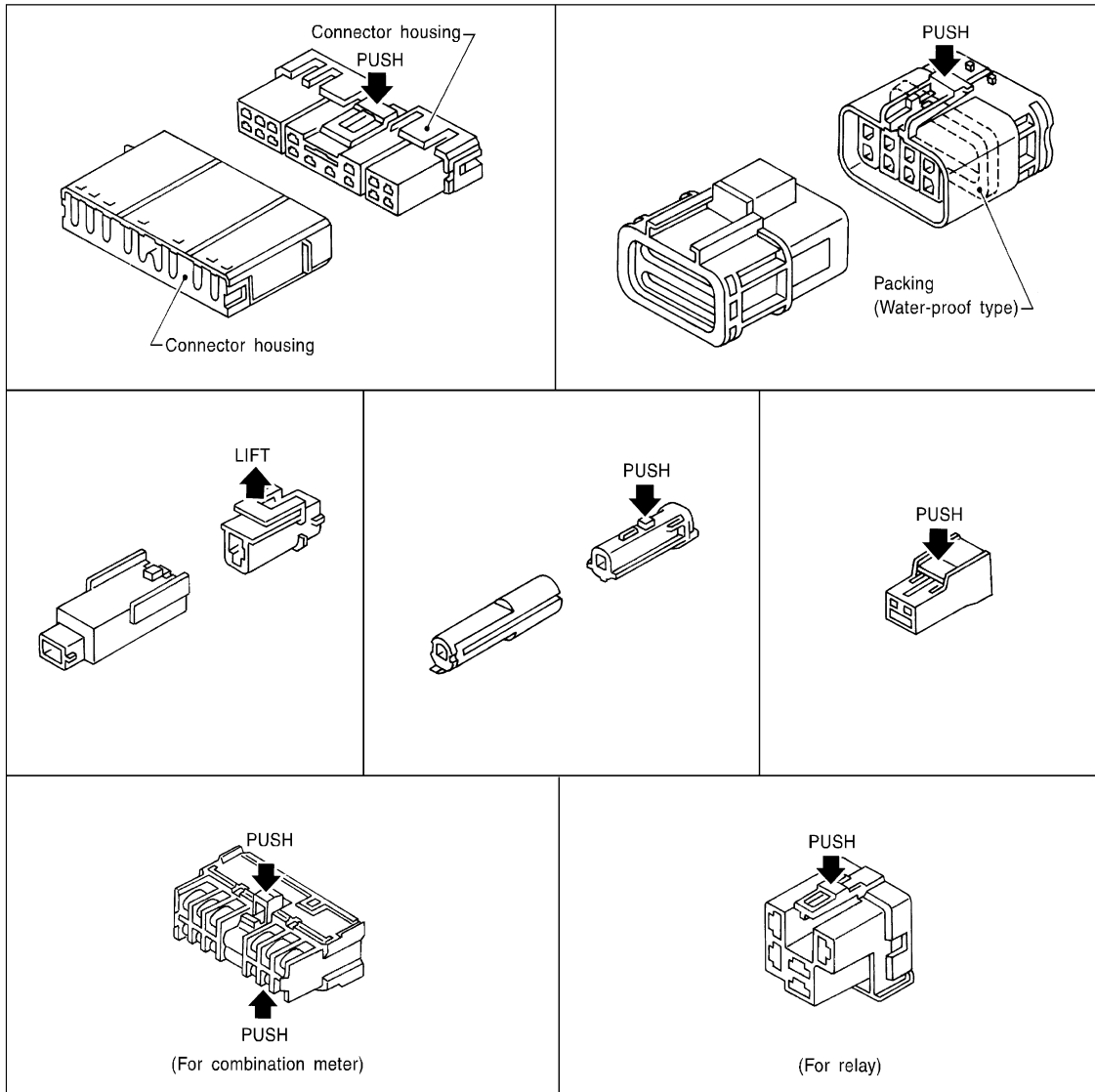
#### HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

#### **CAUTION:**

**Never pull the harness or wires when disconnecting the connector.**

[Example]



SEL769DA

#### HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

# HARNESS CONNECTOR

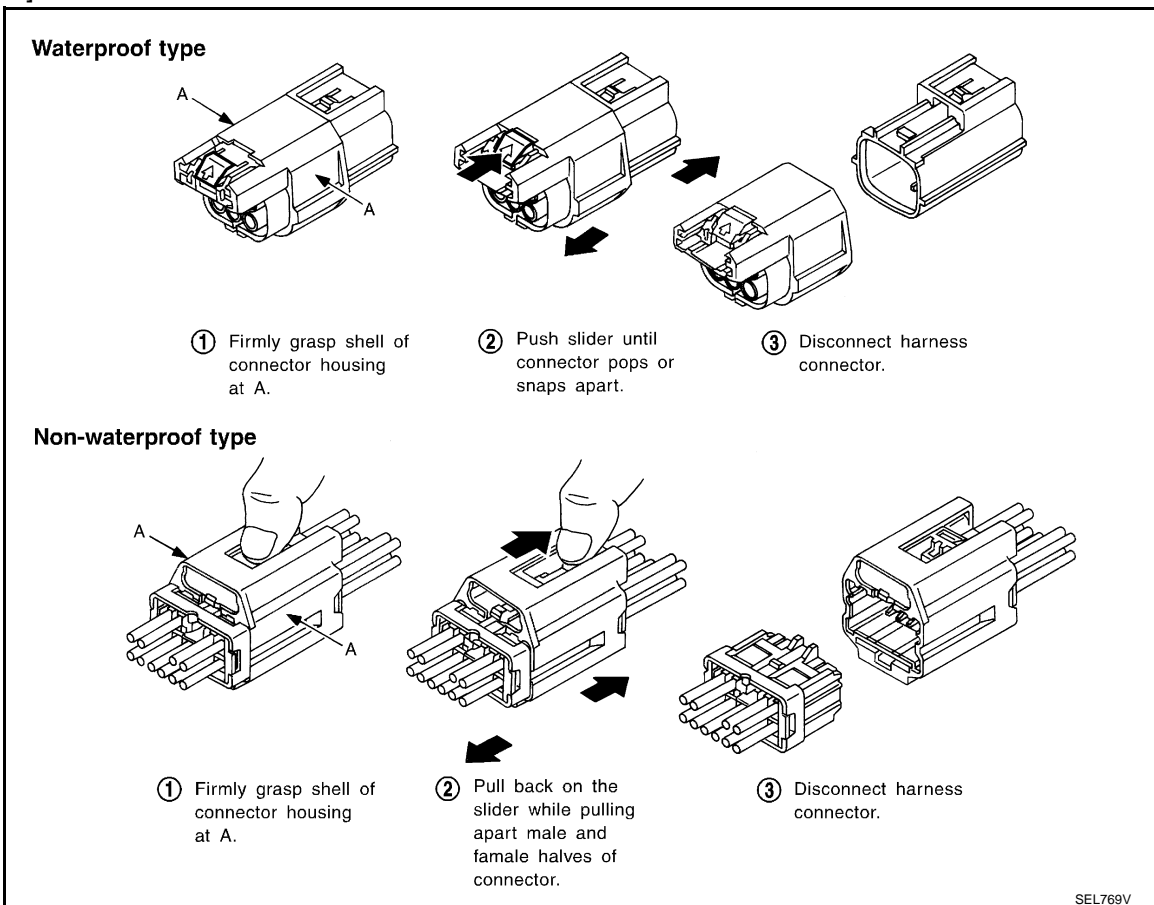
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

**CAUTION:**

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

[Example]



## HARNESS CONNECTOR (LEVER LOCKING TYPE)

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

**CAUTION:**

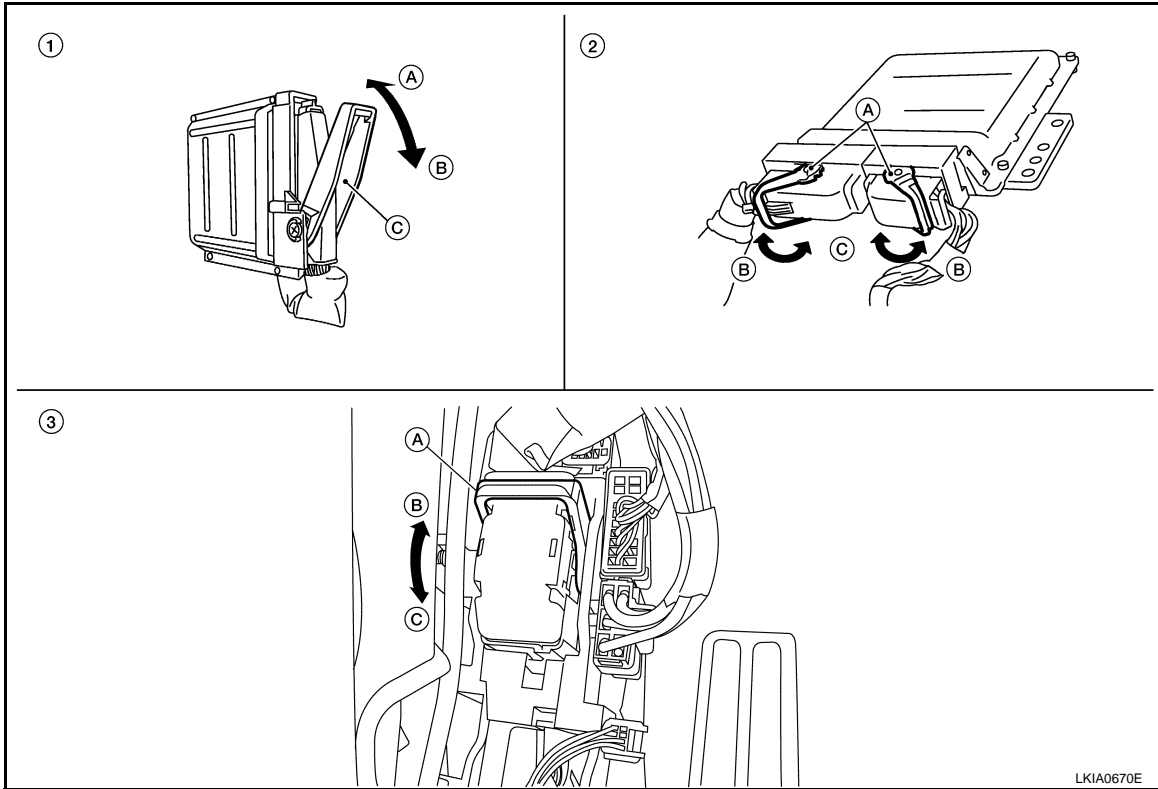
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# HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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



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

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

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

# STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

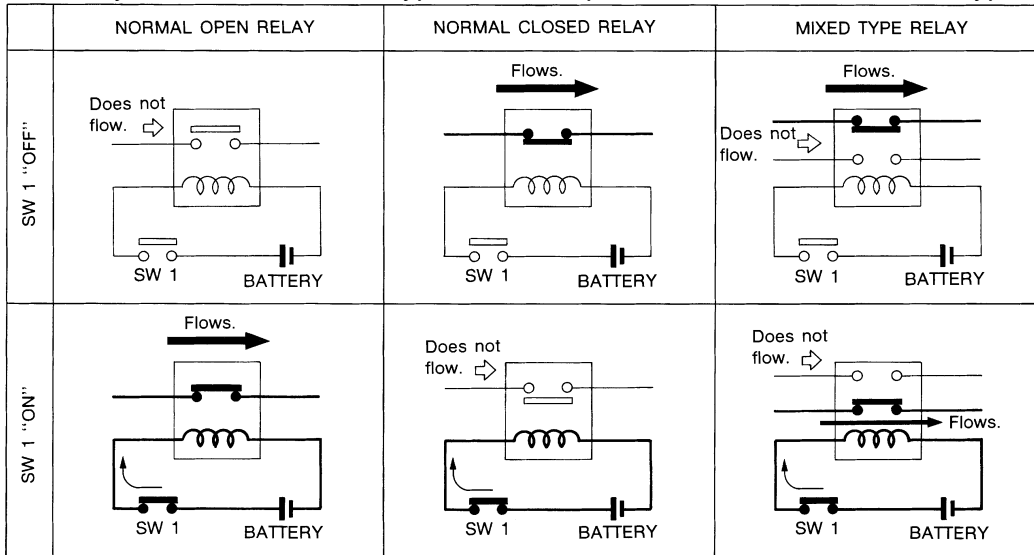
## STANDARDIZED RELAY

### Description

INFOID:000000004239502

### 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

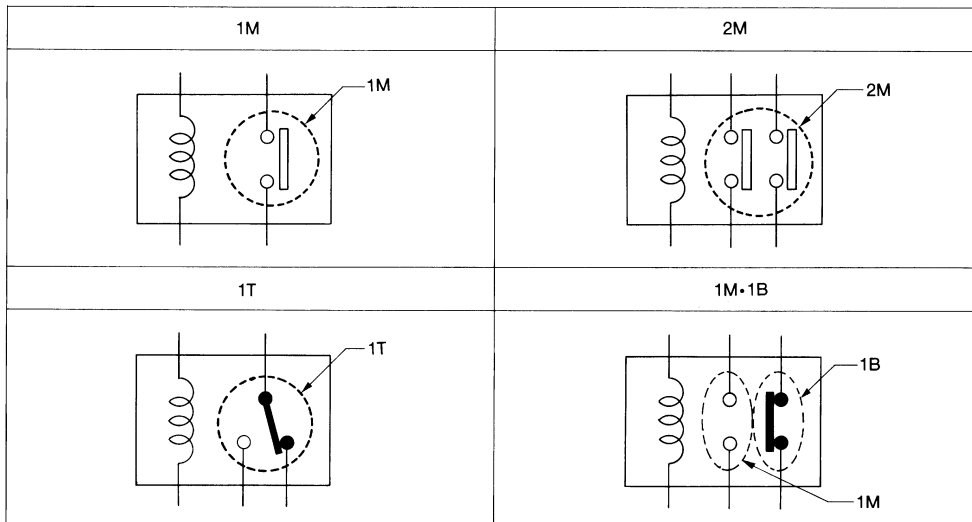
### TYPE OF STANDARDIZED RELAYS

1M ..... 1 Make

2M ..... 2 Make

1T ..... 1 Transfer

1M-1B ..... 1 Make 1 Break



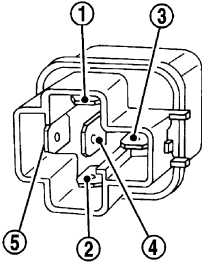
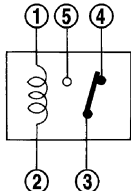
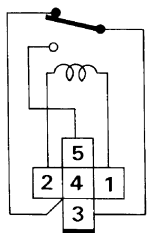
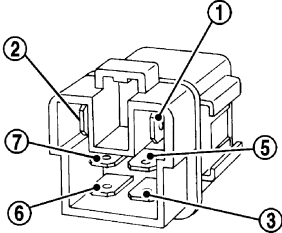
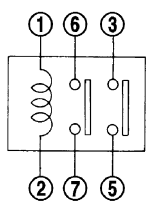
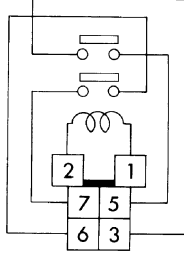
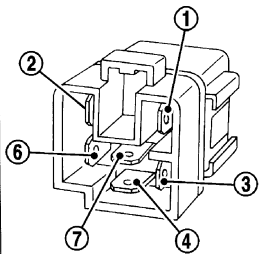
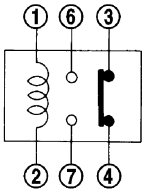
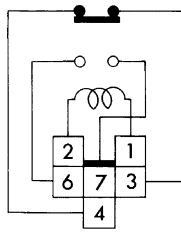
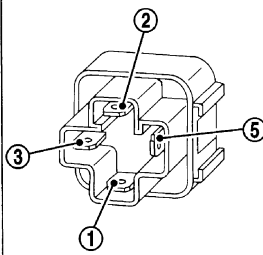
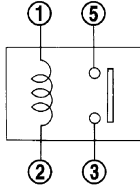
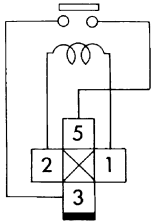
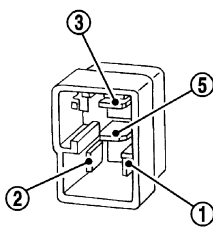
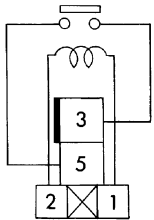
SEL882H

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# STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

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

SEL188W

# FUSE BLOCK - JUNCTION BOX (J/B)

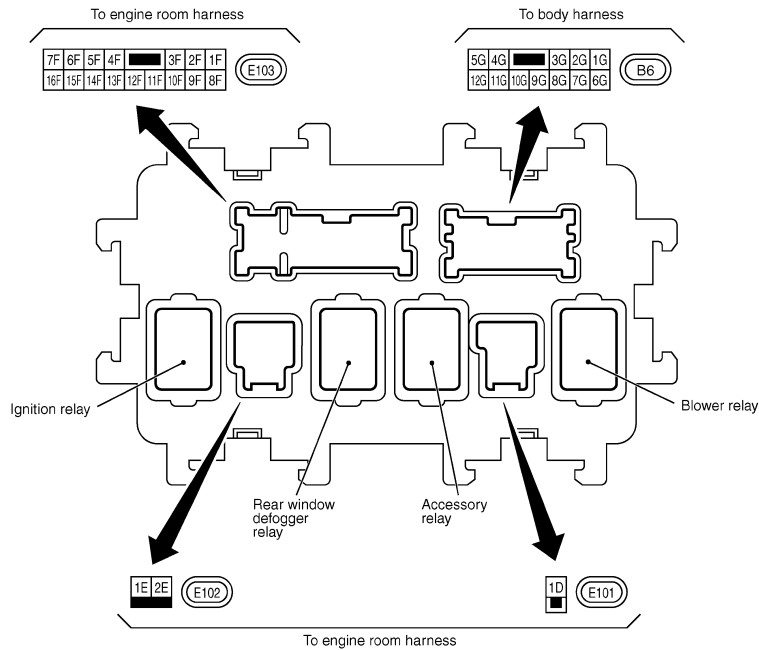
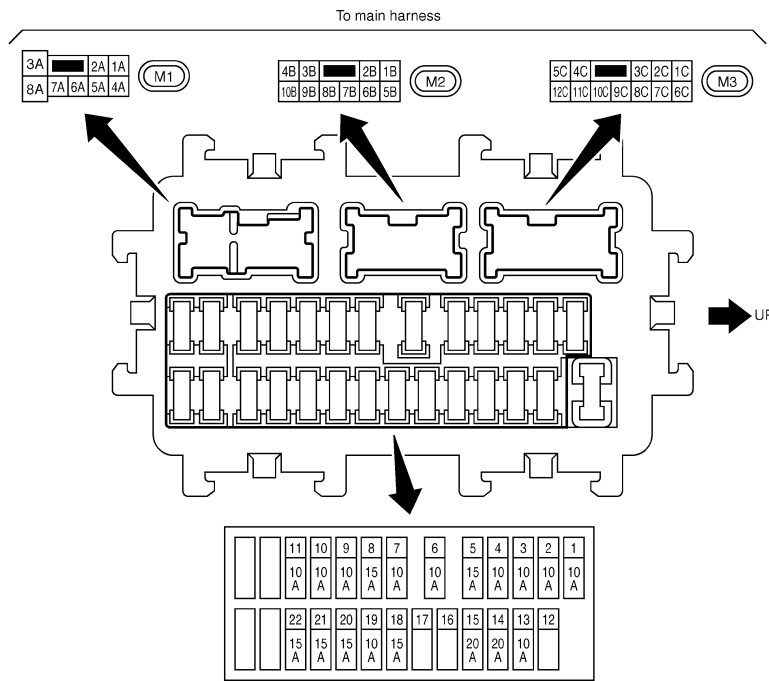
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## FUSE BLOCK - JUNCTION BOX (J/B)

### Fuse, Connector and Terminal Arrangement

INFOID:000000004239503



2008/08/07

JCMWA3114GE

# FUSE, FUSIBLE LINK AND RELAY BOX

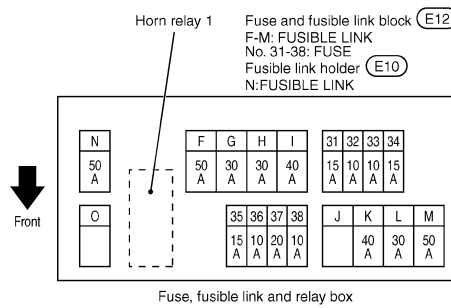
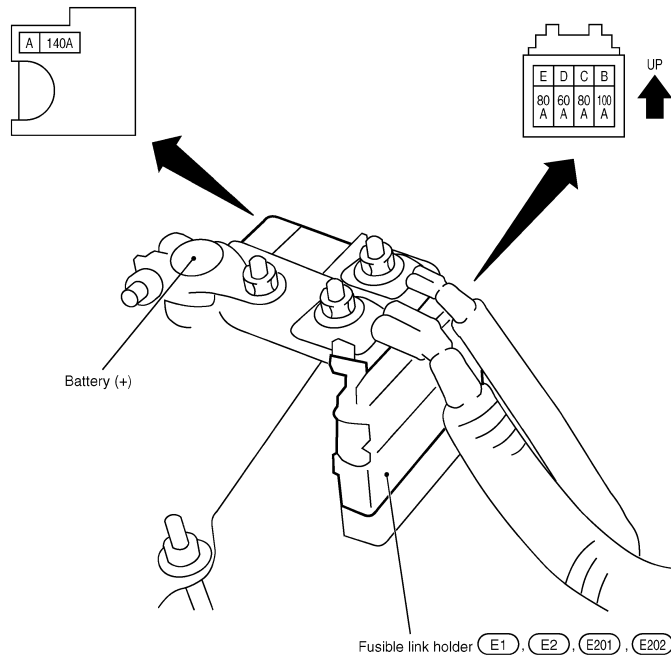
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

## FUSE, FUSIBLE LINK AND RELAY BOX

### Fuse and Fusible Link Arrangement

INFOID:000000004239504



2008/08/07

JCMWA3115GE



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

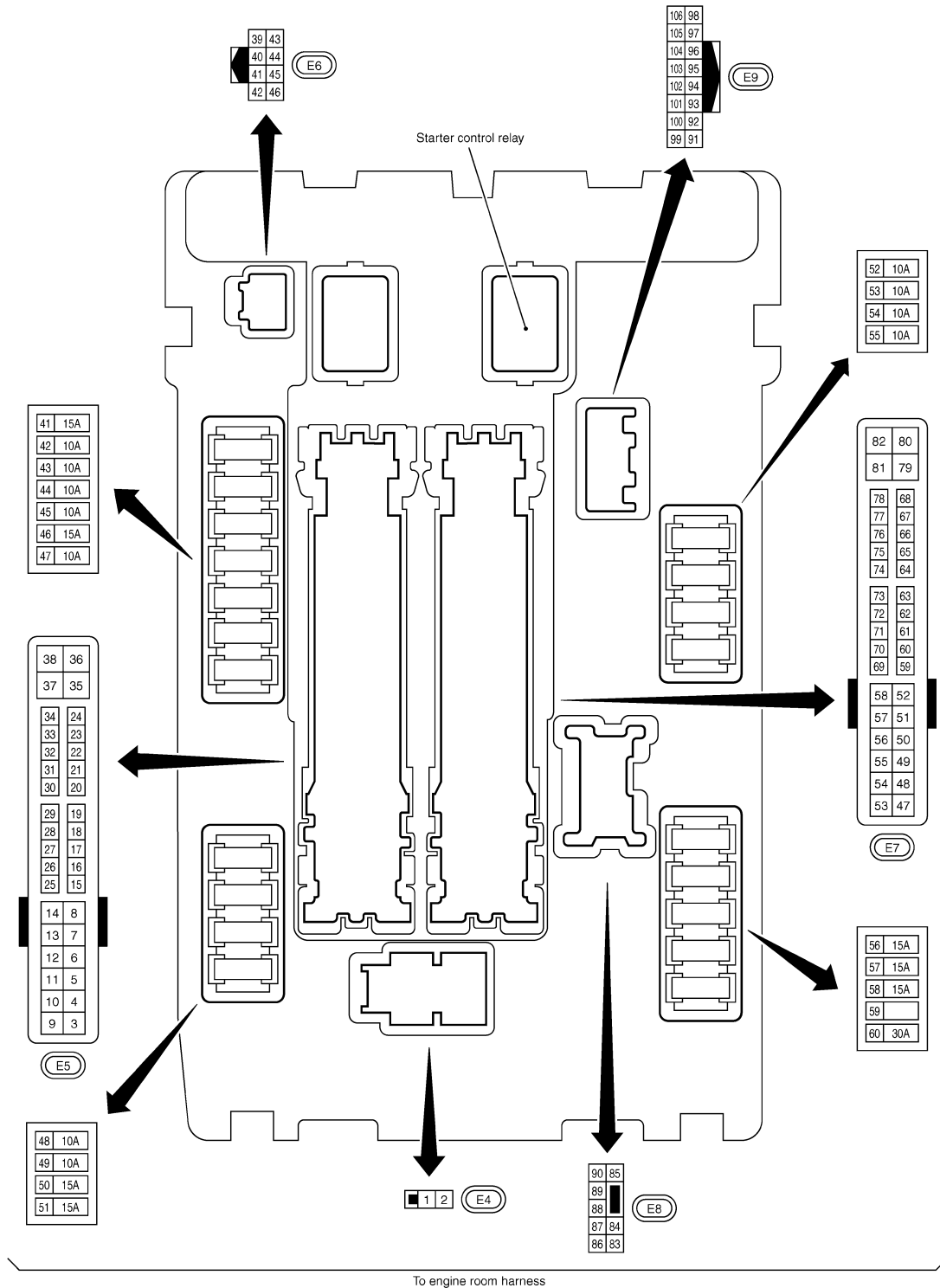
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[POWER SUPPLY & GROUND CIRCUIT]

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

### Fuse, Connector and Terminal Arrangement

INFOID:000000004239505



2008/08/07

JCMWA3116GE

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< PRECAUTION >

**PRECAUTION**

**PRECAUTIONS**

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

INFOID:000000004684732

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**

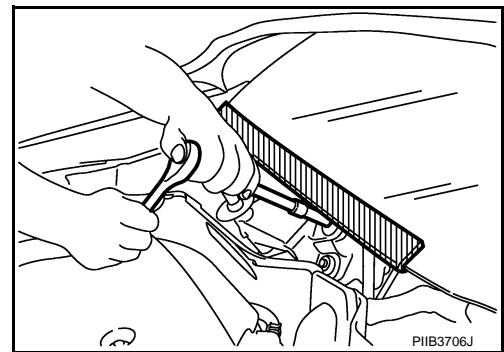
**WARNING:**

- 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 Procedure without Cowl Top Cover**

INFOID:000000004684733

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



# PREPARATION

## [POWER SUPPLY & GROUND CIRCUIT]

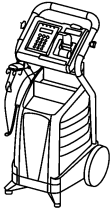
< PREPARATION >

# PREPARATION

## PREPARATION

### Special Service Tools

INFOID:000000004239508

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

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# BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

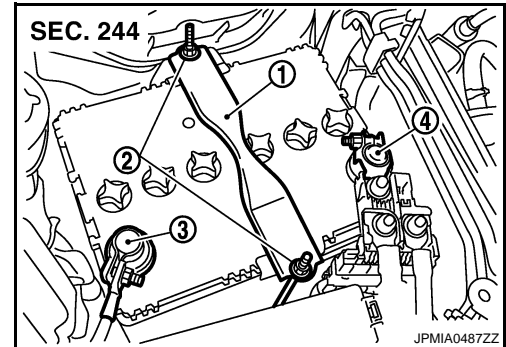
## REMOVAL AND INSTALLATION

### BATTERY

#### Exploded View

INFOID:000000004239509

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

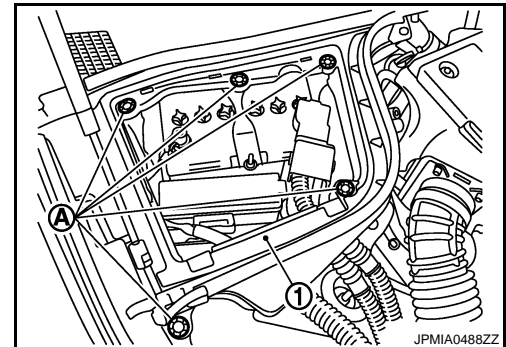


#### Removal and Installation

INFOID:000000004239510

##### REMOVAL

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

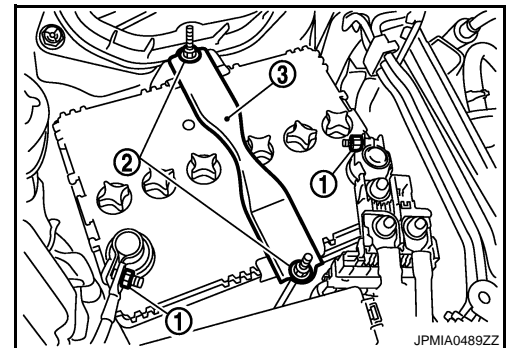


3. Remove cowl top cover (RH). Refer to [EXT-20. "Exploded View"](#).
4. Remove cover of battery positive terminal.
5. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

**CAUTION:**

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

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



##### INSTALLATION

Install in the reverse order of removal.

**CAUTION:**

**When connecting, connect the battery cable to the positive terminal first.**

**Battery fix frame mounting nut**

: 3.9 N·m (0.40 kg-m, 35 in-lb)

**Battery terminal nut**

: 5.4 N·m (0.55 kg-m, 48 in-lb)

# BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

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

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# BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

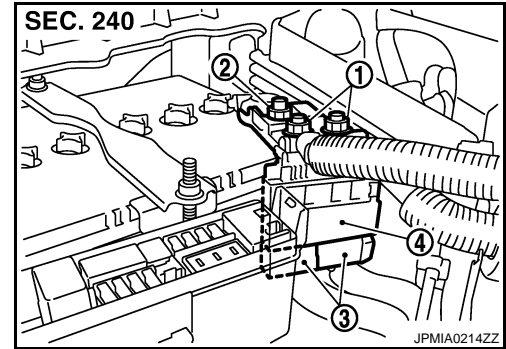
[POWER SUPPLY & GROUND CIRCUIT]

## BATTERY TERMINAL WITH FUSIBLE LINK

### Exploded View

INFOID:000000004239511

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

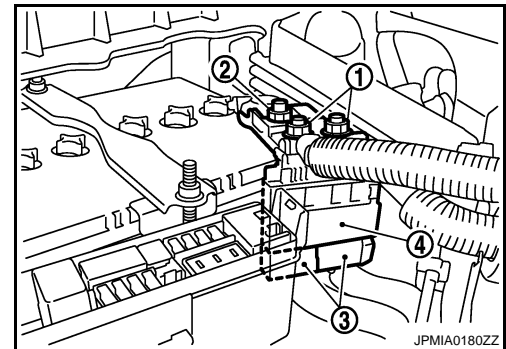


### Removal and Installation

INFOID:000000004239512

#### 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 connectors (3).
5. Remove fusible link holder mounting nut (2) 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)

# 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:000000004239513

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

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