

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

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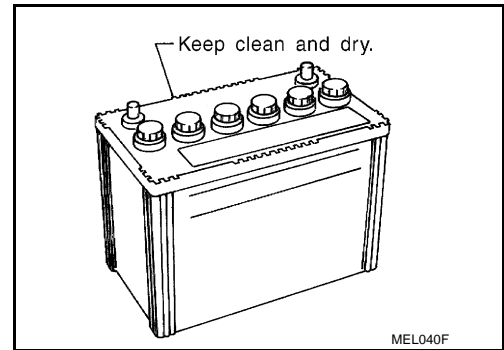
CAUTION:

- 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.

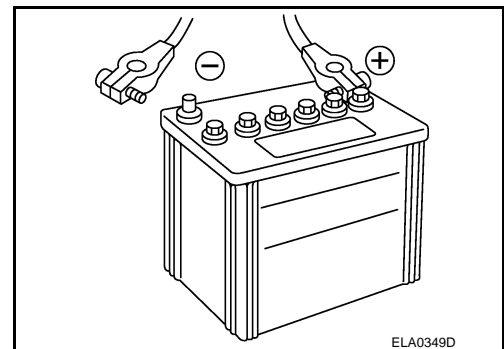
METHODS OF PREVENTING OVER-DISCHARGE

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

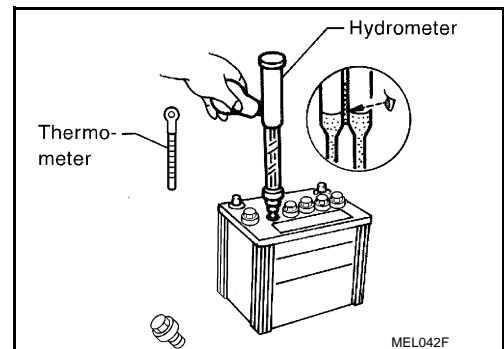
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



- 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.

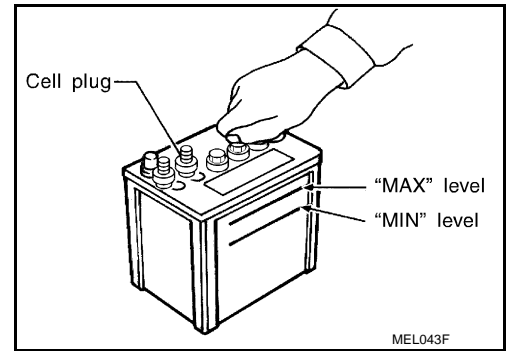
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

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

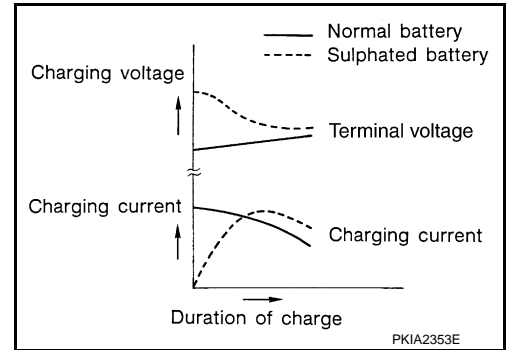


Sulphation

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.

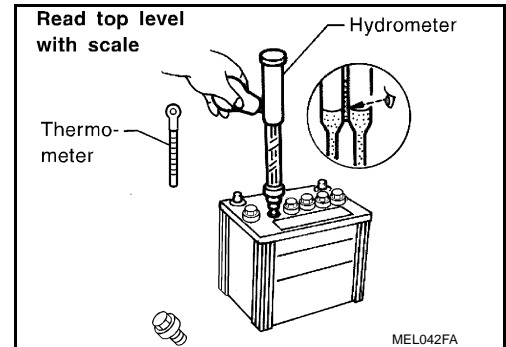
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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 >

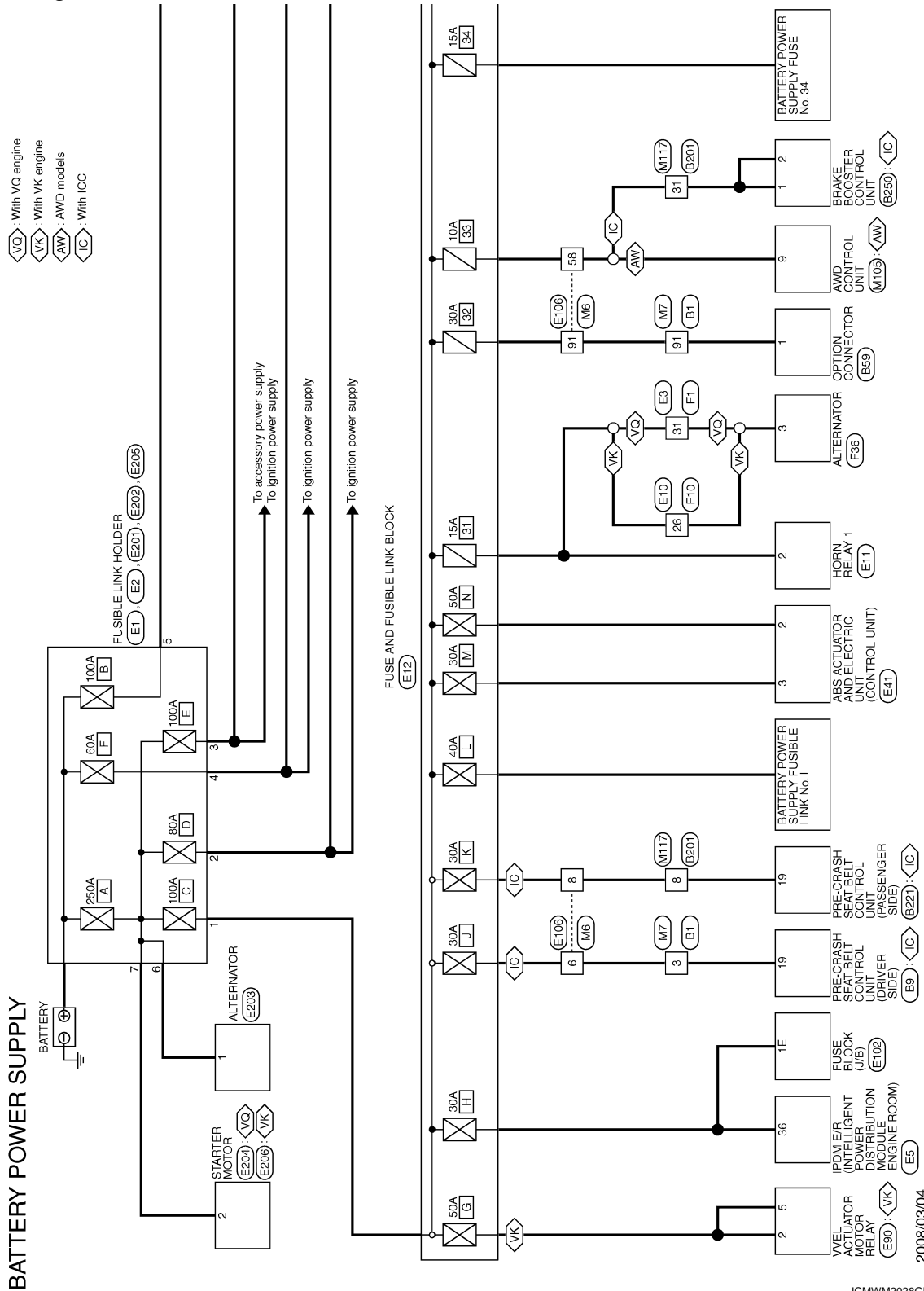
[POWER SUPPLY & GROUND CIRCUIT]

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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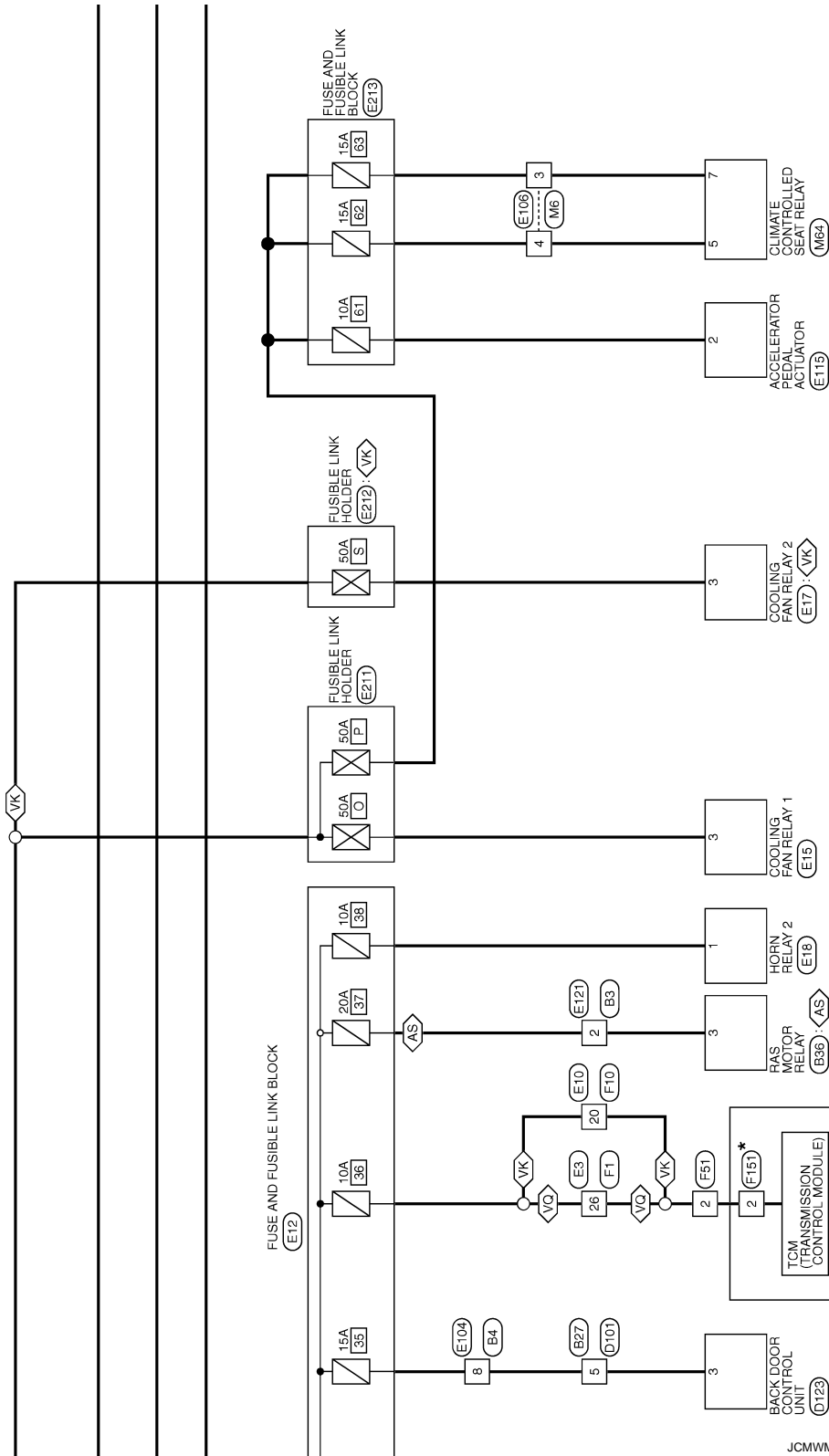
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

- ◇VQ: With VQ engine
- ◇VK: With VK engine
- ◇AS: With RAS

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



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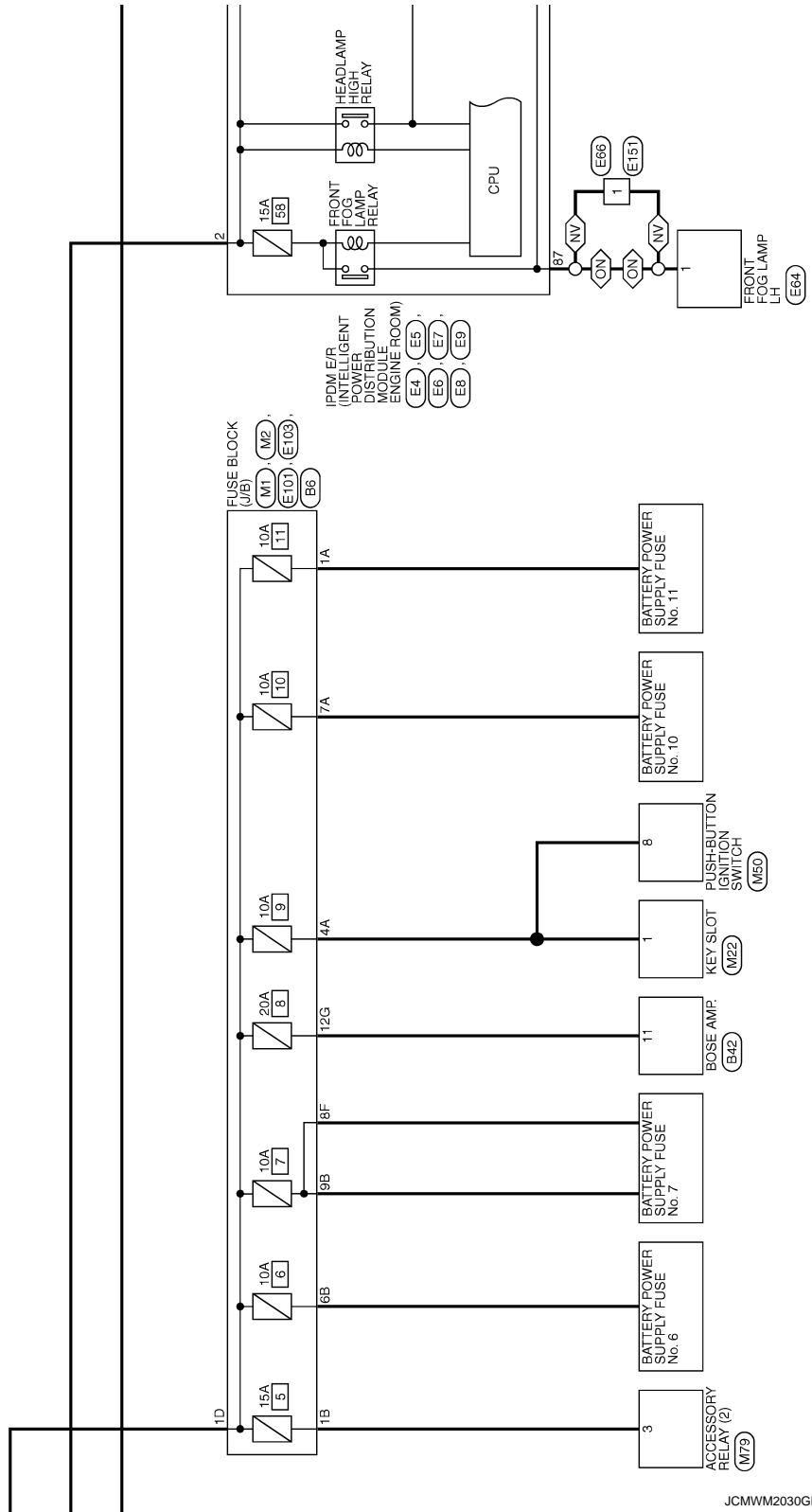
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

NV : With NAVI
ON : Without NAVI



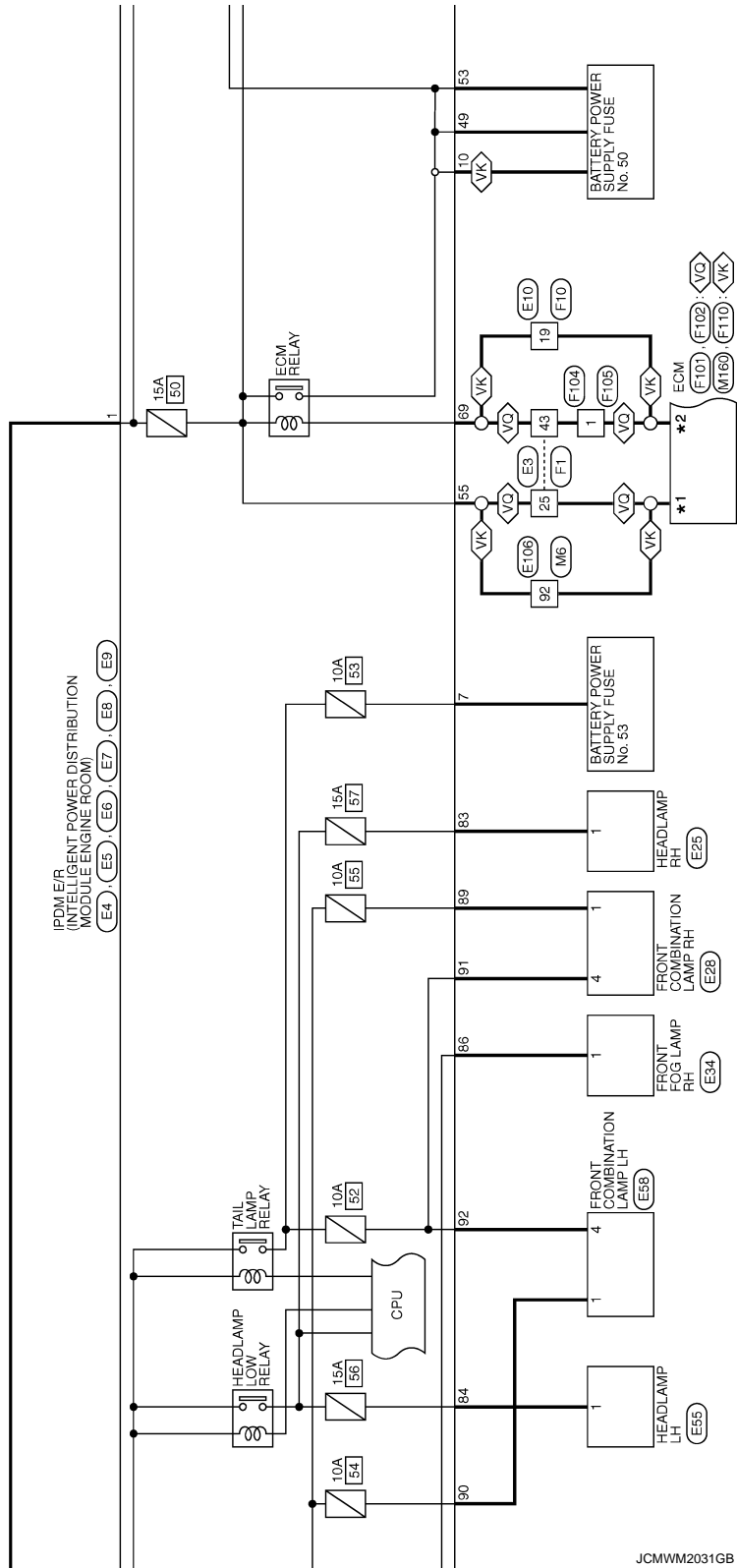
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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- ◇VQ◇: With VC engine
- ◇VK◇: With VK engine
- ★1 93: ◇VQ◇
- 118: ◇VK◇
- ★2 24: ◇VQ◇
- 15: ◇VK◇





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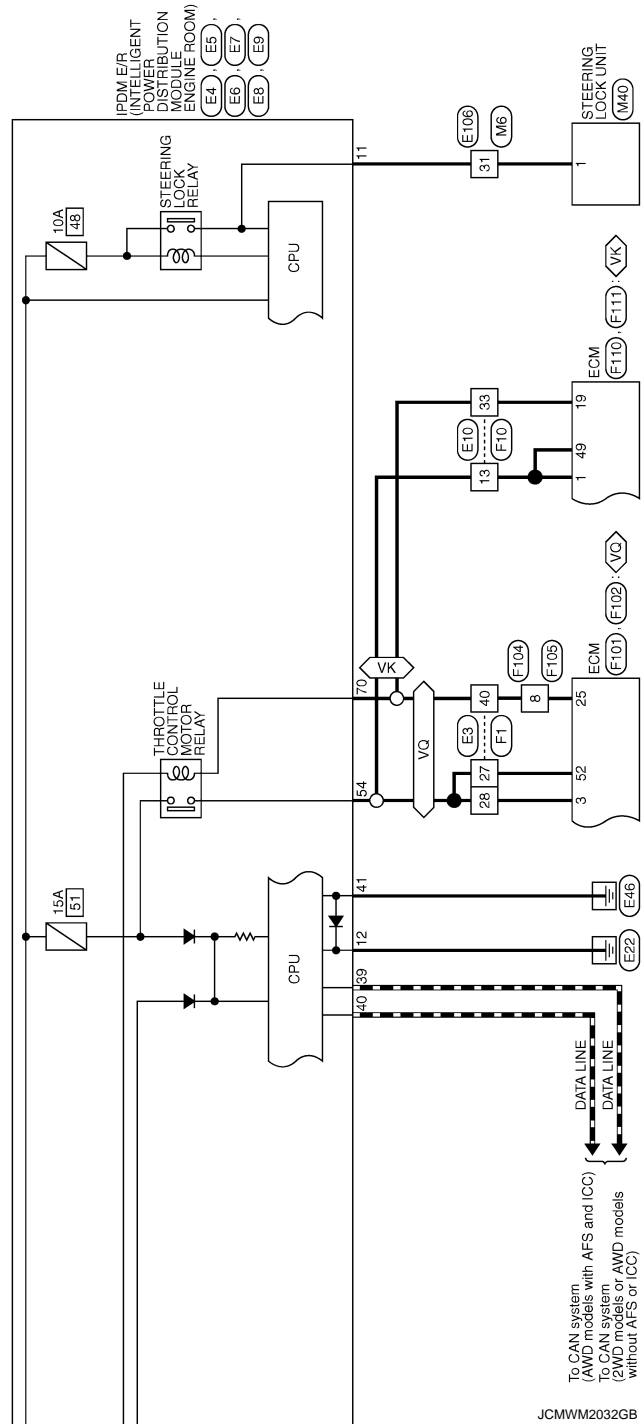
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

 : With VQ engine
 : With VK engine

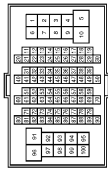



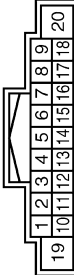


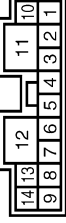


POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>B1</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH80FW-CS16-TM4</td></tr> </table> 	Connector No.	B1	Connector Name	WIRE TO WIRE	Connector Type	TH80FW-CS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>3</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
Connector No.	B1												
Connector Name	WIRE TO WIRE												
Connector Type	TH80FW-CS16-TM4												
Terminal No.	3												
Color of Wire	W												
Signal Name [Specification]													
<table border="1"> <tr><td>Connector No.</td><td>B3</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>M02FW-LC</td></tr> </table> 	Connector No.	B3	Connector Name	WIRE TO WIRE	Connector Type	M02FW-LC	<table border="1"> <tr><td>Terminal No.</td><td>2</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	2	Color of Wire	R	Signal Name [Specification]	
Connector No.	B3												
Connector Name	WIRE TO WIRE												
Connector Type	M02FW-LC												
Terminal No.	2												
Color of Wire	R												
Signal Name [Specification]													
<table border="1"> <tr><td>Connector No.</td><td>B4</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>MS12FW-CS</td></tr> </table> 	Connector No.	B4	Connector Name	WIRE TO WIRE	Connector Type	MS12FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>8</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	8	Color of Wire	R	Signal Name [Specification]	
Connector No.	B4												
Connector Name	WIRE TO WIRE												
Connector Type	MS12FW-CS												
Terminal No.	8												
Color of Wire	R												
Signal Name [Specification]													
<table border="1"> <tr><td>Connector No.</td><td>B6</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS12FBR-CS</td></tr> </table> 	Connector No.	B6	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS12FBR-CS	<table border="1"> <tr><td>Terminal No.</td><td>12G</td></tr> <tr><td>Color of Wire</td><td>GR</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	12G	Color of Wire	GR	Signal Name [Specification]	
Connector No.	B6												
Connector Name	FUSE BLOCK (J/B)												
Connector Type	NS12FBR-CS												
Terminal No.	12G												
Color of Wire	GR												
Signal Name [Specification]													
<table border="1"> <tr><td>Connector No.</td><td>B8</td></tr> <tr><td>Connector Name</td><td>PRE-CRASH SEAT BELT CONTROL UNIT (DRIVER SIDE)</td></tr> <tr><td>Connector Type</td><td>TH18FW-CSZ</td></tr> </table> 	Connector No.	B8	Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (DRIVER SIDE)	Connector Type	TH18FW-CSZ	<table border="1"> <tr><td>Terminal No.</td><td>19</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>MOTOR BAT</td></tr> </table>	Terminal No.	19	Color of Wire	W	Signal Name [Specification]	MOTOR BAT
Connector No.	B8												
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (DRIVER SIDE)												
Connector Type	TH18FW-CSZ												
Terminal No.	19												
Color of Wire	W												
Signal Name [Specification]	MOTOR BAT												
<table border="1"> <tr><td>Connector No.</td><td>B27</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>M06MW-LC</td></tr> </table> 	Connector No.	B27	Connector Name	WIRE TO WIRE	Connector Type	M06MW-LC	<table border="1"> <tr><td>Terminal No.</td><td>5</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	5	Color of Wire	R	Signal Name [Specification]	
Connector No.	B27												
Connector Name	WIRE TO WIRE												
Connector Type	M06MW-LC												
Terminal No.	5												
Color of Wire	R												
Signal Name [Specification]													
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Connector No.	B38												
Connector Name	RAS MOTOR RELAY												
Connector Type	MS02FL-MZ-LC												
Terminal No.	3												
Color of Wire	R												
Signal Name [Specification]													
<table border="1"> <tr><td>Connector No.</td><td>B42</td></tr> <tr><td>Connector Name</td><td>BOSE AMP.</td></tr> <tr><td>Connector Type</td><td>SGA12FBR-SJA2</td></tr> </table> 	Connector No.	B42	Connector Name	BOSE AMP.	Connector Type	SGA12FBR-SJA2	<table border="1"> <tr><td>Terminal No.</td><td>11</td></tr> <tr><td>Color of Wire</td><td>GR</td></tr> <tr><td>Signal Name [Specification]</td><td>BATTERY</td></tr> </table>	Terminal No.	11	Color of Wire	GR	Signal Name [Specification]	BATTERY
Connector No.	B42												
Connector Name	BOSE AMP.												
Connector Type	SGA12FBR-SJA2												
Terminal No.	11												
Color of Wire	GR												
Signal Name [Specification]	BATTERY												

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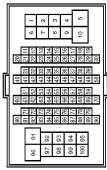







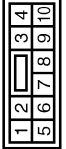




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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No. B59	OPTION CONNECTOR	M08FW-LC			Terminal No. 1	Color of Wire R	Signal Name [Specification] -
Connector No. B201	WIRE TO WIRE	T186FW-CS16-TM4			Terminal No. 8 31	Color of Wire W W	Signal Name [Specification] -
Connector No. B221	PRE-CRASH SEAT BELT CONTROL UNIT (PASSENGER SIDE)	T118FW-CS2			Terminal No. 19	Color of Wire W	Signal Name [Specification] MOTOR BAT
Connector No. B250	BRAKE BOOSTER CONTROL UNIT	TK24FW			Terminal No. 1 2	Color of Wire W W	Signal Name [Specification] BATTERY BATTERY
Connector No. D101	WIRE TO WIRE	M08FW-LC			Terminal No. 5	Color of Wire SB	Signal Name [Specification] -
Connector No. D123	BACK DOOR CONTROL UNIT	NS10FW-CS			Terminal No. 3	Color of Wire SB	Signal Name [Specification] BATTERY
Connector No. E1	FUSIBLE LINK HOLDER	L02FBR-MC			Terminal No. 1 2	Color of Wire R W	Signal Name [Specification] -
Connector No. E2	FUSIBLE LINK HOLDER	L02FGY-MC			Terminal No. 3 4	Color of Wire R L	Signal Name [Specification] -

JCMWM2034GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY

Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
E3	WIRE TO WIRE		
SA-A38MB-RS (0-SJZZ)			
48	W	19	W
49	SB	20	SB
53	W	21	W
54	R	22	R
55	BR	23	BR
69	W	24	W
70	O	25	O
E4	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)		
UZFEB-MC			
1	W	1	W
2	L	2	L
E5	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)		
THZDFW-CS12-M4-1V			
7	R	7	R
10	SB	10	SB
11	BR	11	BR
12	B	12	B
36	G	36	G
E6	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)		
THZDFW-NH			
39	P	39	P
40	L	40	L
41	B	41	B
E7	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)		
THZDFW-CS12-M4			
54	W	54	W
55	SB	55	SB
56	W	56	W
57	R	57	R
58	W	58	W
59	W	59	W
60	W	60	W
61	SB	61	SB
62	W	62	W
63	W	63	W
64	W	64	W
65	W	65	W
66	W	66	W
67	W	67	W
68	W	68	W
69	W	69	W
70	W	70	W
71	W	71	W
72	W	72	W
73	W	73	W
74	W	74	W
75	W	75	W
76	W	76	W
77	W	77	W
78	W	78	W
79	W	79	W
80	W	80	W
E8	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)		
NSZDFW-CS			
83	R	83	R
84	P	84	P
86	W	86	W
87	GR	87	GR
89	BR	89	BR
90	Y	90	Y
E9	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)		
THZDFW-NH			
98	SB	98	SB
99	W	99	W
100	W	100	W
101	W	101	W
102	W	102	W
103	W	103	W
104	W	104	W
105	W	105	W
106	W	106	W
107	W	107	W
108	W	108	W
109	W	109	W
110	W	110	W
111	W	111	W
112	W	112	W
113	W	113	W
114	W	114	W
115	W	115	W
116	W	116	W
117	W	117	W
118	W	118	W
119	W	119	W
120	W	120	W
121	W	121	W
122	W	122	W
123	W	123	W
124	W	124	W
125	W	125	W
126	W	126	W
127	W	127	W
128	W	128	W
129	W	129	W
130	W	130	W
E10	WIRE TO WIRE		
SA-A38MB-RS8-SH28			
1	W	1	W
2	W	2	W
3	W	3	W
4	W	4	W
5	W	5	W
6	W	6	W
7	W	7	W
8	W	8	W
9	W	9	W
10	W	10	W
11	W	11	W
12	W	12	W
13	R	13	R
19	W	19	W
20	BR	20	BR
26	LG	26	LG
33	O	33	O

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No. E11	Connector Name HORN RELAY 1	Connector Type 24381-7980A		Terminal No. 2	Color of Wire BR	Signal Name [Specification]	Terminal No. 2	Color of Wire G	Signal Name [Specification]
Connector No. E15	Connector Name COOLING FAN RELAY1	Connector Type 24347-9F500		Terminal No. 3	Color of Wire W	Signal Name [Specification]	Terminal No. 1	Color of Wire BR	Signal Name [Specification]
Connector No. E17	Connector Name COOLING FAN RELAY2	Connector Type 24347-9F500		Terminal No. 3	Color of Wire GR	Signal Name [Specification]	Terminal No. 2	Color of Wire G	Signal Name [Specification]
Connector No. E18	Connector Name HORN RELAY 2	Connector Type M035W-R-LC		Terminal No. 1	Color of Wire P	Signal Name [Specification]	Terminal No. 3	Color of Wire R	Signal Name [Specification]
Connector No. E25	Connector Name HEADLAMP RH	Connector Type E02FGY-RS		Terminal No. 1	Color of Wire R	Signal Name [Specification]	Terminal No. 2	Color of Wire G	Signal Name [Specification]
Connector No. E28	Connector Name FRONT COMBINATION LAMP RH	Connector Type RS04FB-PR		Terminal No. 1	Color of Wire BR	Signal Name [Specification]	Terminal No. 3	Color of Wire R	Signal Name [Specification]
Connector No. E34	Connector Name FRONT FOG LAMP RH	Connector Type FH20ZFB		Terminal No. 1	Color of Wire W	Signal Name [Specification]	Terminal No. 2	Color of Wire G	Signal Name [Specification]
Connector No. E41	Connector Name ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)	Connector Type BAA42FB-AH24-LH		Terminal No. 1	Color of Wire P	Signal Name [Specification]	Terminal No. 3	Color of Wire R	Signal Name [Specification]
















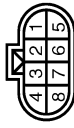
JCMWM2036GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No. E53	Connector Name HEADLAMP LH	Connector Type E02FCY-RS	 	Terminal No. 1	Color of Wire P	Signal Name [Specification] -	Connector No. E53	Connector Name HEADLAMP LH	Connector Type RS04FE-PR	 	Terminal No. 1	Color of Wire Y	Signal Name [Specification] -	Connector No. E64	Connector Name FRONT FOG LAMP LH	Connector Type FHZ02FB	 	Terminal No. 1	Color of Wire GR	Signal Name [Specification] -[Without NAVI] -[With NAVI]	Connector No. E103	Connector Name FUSE BLOCK (J/B)	Connector Type NS16FW-CS	 	Terminal No. 2	Color of Wire R	Signal Name [Specification] -	Connector No. E101	Connector Name FUSE BLOCK (J/B)	Connector Type L01FW-MG	 	Terminal No. 1E	Color of Wire GR	Signal Name [Specification] -	Connector No. E102	Connector Name FUSE BLOCK (J/B)	Connector Type MD2FE-LC	 	Terminal No. 8F	Color of Wire L	Signal Name [Specification] -	Connector No. E103	Connector Name FUSE BLOCK (J/B)	Connector Type NS16FW-CS	 	Terminal No. 5	Color of Wire Y	Signal Name [Specification] -	Connector No. E53	Connector Name WIRE TO WIRE	Connector Type RS08FB-PR	 	Terminal No. 1	Color of Wire GR	Signal Name [Specification] -	Terminal No. ID	Color of Wire R	Signal Name [Specification] -	Terminal No. 8F	Color of Wire L	Signal Name [Specification] -
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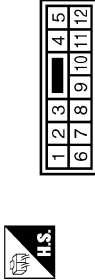
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

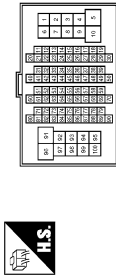
BATTERY POWER SUPPLY

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	RS12MW-CS



Terminal No.	8	SB	Signal Name [Specification]	-
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Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TR8GFY-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	SB	-
4	LG	-
6	W	-
8	V	-
31	BR	-
58	O	-
81	GR	-
92	BR	-

Connector No.	E115
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	KD30EFB



Terminal No.	2	O	Signal Name [Specification]	BATTERY
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Connector No.	E121
Connector Name	WIRE TO WIRE
Connector Type	MS2MWF-LC



Terminal No.	2	L	Signal Name [Specification]	-
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Connector No.	E151
Connector Name	WIRE TO WIRE
Connector Type	RS08MB-PR



Terminal No.	1	L	Signal Name [Specification]	-
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Connector No.	E201
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340 EAG00



Terminal No.	5	L	Signal Name [Specification]	-
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Connector No.	E202
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340 79905



Terminal No.	6	B/GR	Signal Name [Specification]	-
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Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	24340 65F45



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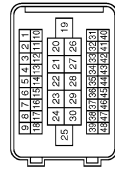

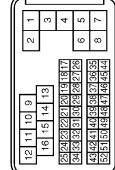

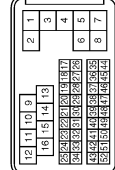

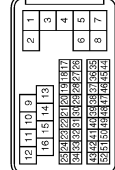

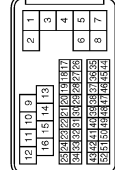

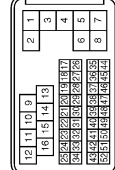





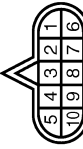

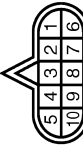






JCMWM2038GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No. E204	Connector Name STARTER MOTOR (WITH VQ ENGINE)	Connector Type 24348-51E61	 	Terminal No. 2	Color of Wire B/Y	Signal Name [Specification]	
Connector No. E205	Connector Name FUSIBLE LINK HOLDER	Connector Type YZK-7003-1753-02	 	Terminal No. 7	Color of Wire B/Y	Signal Name [Specification]	
Connector No. E206	Connector Name STARTER MOTOR (WITH VK ENGINE)	Connector Type E-BA8	 	Terminal No. 2	Color of Wire B/Y	Signal Name [Specification]	
Connector No. F1	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS10-SJZ	 	Terminal No. 25	Color of Wire P	Signal Name [Specification]	
Connector No. F10	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS8-SHZ8	 	Terminal No. 13	Color of Wire P	Signal Name [Specification]	
Connector No. F10	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS8-SHZ8	 	Terminal No. 19	Color of Wire O	Signal Name [Specification]	
Connector No. F10	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS8-SHZ8	 	Terminal No. 20	Color of Wire R	Signal Name [Specification]	
Connector No. F10	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS8-SHZ8	 	Terminal No. 26	Color of Wire O	Signal Name [Specification]	
Connector No. F10	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS8-SHZ8	 	Terminal No. 33	Color of Wire L	Signal Name [Specification]	
Connector No. F36	Connector Name ALTERNATOR	Connector Type HS03FB	 	Terminal No. 3	Color of Wire V	Signal Name [Specification] S [With VQ engine]	
Connector No. F36	Connector Name ALTERNATOR	Connector Type HS03FB	 	Terminal No. 3	Color of Wire O	Signal Name [Specification] S [With VK engine]	
Connector No. F51	Connector Name A/T ASSEMBLY	Connector Type RK1DFG-DG1	 	Terminal No. 2	Color of Wire R	Signal Name [Specification] - [With VK engine]	
Connector No. F51	Connector Name A/T ASSEMBLY	Connector Type RK1DFG-DG1	 	Terminal No. 2	Color of Wire BR	Signal Name [Specification] - [With VQ engine]	
Connector No. F101	Connector Name ECM (WITH VQ ENGINE)	Connector Type RH40FB-R28-L-LH-Z	 	Terminal No. 3	Color of Wire R	Signal Name [Specification] VMOT1	
Connector No. F101	Connector Name ECM (WITH VQ ENGINE)	Connector Type RH40FB-R28-L-LH-Z	 	Terminal No. 24	Color of Wire BR	Signal Name [Specification] SSOFF	
Connector No. F101	Connector Name ECM (WITH VQ ENGINE)	Connector Type RH40FB-R28-L-LH-Z	 	Terminal No. 25	Color of Wire O	Signal Name [Specification] MOTRLY1	

JCMWM2039GB

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

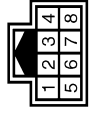
BATTERY POWER SUPPLY

Connector No.	F110
Connector Name	ECM (WITH VK ENGINE)
Connector Type	RH40FB-R28-L-LH-Z



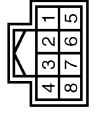
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	VMOT-B2
15	O	SSOFF
19	L	MOTRLY

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH68BW-NH




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

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




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

Connector No.	F102
Connector Name	ECM (WITH VQ ENGINE)
Connector Type	RH40FB-R28-L-LH-Z




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

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



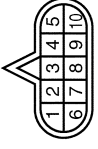
Terminal No.	Color of Wire	Signal Name [Specification]
1B	LG	-
8B	Y	-
9B	BR	-

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




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

Connector No.	F151
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



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

Connector No.	F111
Connector Name	ECM (WITH VK ENGINE)
Connector Type	RH40FB-R28-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
48	V	VMOT-B1

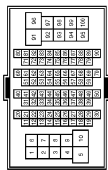
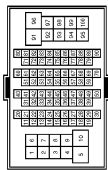
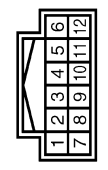
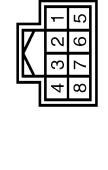




JCMWM2040GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY

<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>TH80MW-CS1F-TM4</td></tr> </table> 	Connector No.	M6	Connector Name	WIRE TO WIRE	Connector Type	TH80MW-CS1F-TM4	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>3</td><td>SB</td><td>-</td></tr> <tr><td>4</td><td>LG</td><td>-</td></tr> <tr><td>6</td><td>W</td><td>-</td></tr> <tr><td>8</td><td>W</td><td>-</td></tr> <tr><td>31</td><td>BR</td><td>-</td></tr> <tr><td>SB</td><td>O</td><td>-</td></tr> <tr><td>91</td><td>R</td><td>-</td></tr> <tr><td>92</td><td>R</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	3	SB	-	4	LG	-	6	W	-	8	W	-	31	BR	-	SB	O	-	91	R	-	92	R	-
Connector No.	M6																																	
Connector Name	WIRE TO WIRE																																	
Connector Type	TH80MW-CS1F-TM4																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
3	SB	-																																
4	LG	-																																
6	W	-																																
8	W	-																																
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SB	O	-																																
91	R	-																																
92	R	-																																
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Connector No.	M7																																	
Connector Name	WIRE TO WIRE																																	
Connector Type	TH80MW-CS1F-TM4																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
3	W	-																																
91	R	-																																
<table border="1"> <tr><td>Connector No.</td><td>M22</td></tr> <tr><td>Connector Name</td><td>KEY SLOT</td></tr> <tr><td>Connector Type</td><td>TH12FW-NH</td></tr> </table> 	Connector No.	M22	Connector Name	KEY SLOT	Connector Type	TH12FW-NH	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>BAT</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	BAT																					
Connector No.	M22																																	
Connector Name	KEY SLOT																																	
Connector Type	TH12FW-NH																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
1	R	BAT																																
<table border="1"> <tr><td>Connector No.</td><td>M40</td></tr> <tr><td>Connector Name</td><td>STEERING LOCK UNIT</td></tr> <tr><td>Connector Type</td><td>TH18FW-NH</td></tr> </table> 	Connector No.	M40	Connector Name	STEERING LOCK UNIT	Connector Type	TH18FW-NH	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>BR</td><td>S/L 12V (MECHANICAL)</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	BR	S/L 12V (MECHANICAL)																					
Connector No.	M40																																	
Connector Name	STEERING LOCK UNIT																																	
Connector Type	TH18FW-NH																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
1	BR	S/L 12V (MECHANICAL)																																
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Connector No.	M50																																	
Connector Name	PUSH-BUTTON (IGNITION SWITCH)																																	
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Terminal No.	Color of Wire	Signal Name [Specification]																																
8	P	-																																
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Connector No.	M64																																	
Connector Name	CLIMATE CONTROLLED SEAT RELAY																																	
Connector Type	M06FBR-R-LC																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
5	LG	-																																
7	SB	-																																
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Connector No.	M79																																	
Connector Name	ACCESSORY RELAY (2)																																	
Connector Type	MS02FL-M2-LC																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
3	LG	-																																
<table border="1"> <tr><td>Connector No.</td><td>M105</td></tr> <tr><td>Connector Name</td><td>AND CONTROL UNIT</td></tr> <tr><td>Connector Type</td><td>TH18FW-NH</td></tr> </table> 	Connector No.	M105	Connector Name	AND CONTROL UNIT	Connector Type	TH18FW-NH	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>9</td><td>O</td><td>AND SOL.BAT</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	9	O	AND SOL.BAT																					
Connector No.	M105																																	
Connector Name	AND CONTROL UNIT																																	
Connector Type	TH18FW-NH																																	
Terminal No.	Color of Wire	Signal Name [Specification]																																
9	O	AND SOL.BAT																																

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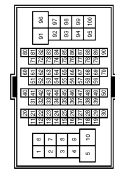
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

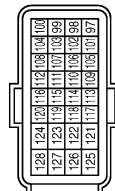
BATTERY POWER SUPPLY

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1F-TM4



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

Connector No.	M160
Connector Name	ECM (WITH V6 ENGINE)
Connector Type	RH2MEGY-R2B-R-LH-Z



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

JCMWM2042GB

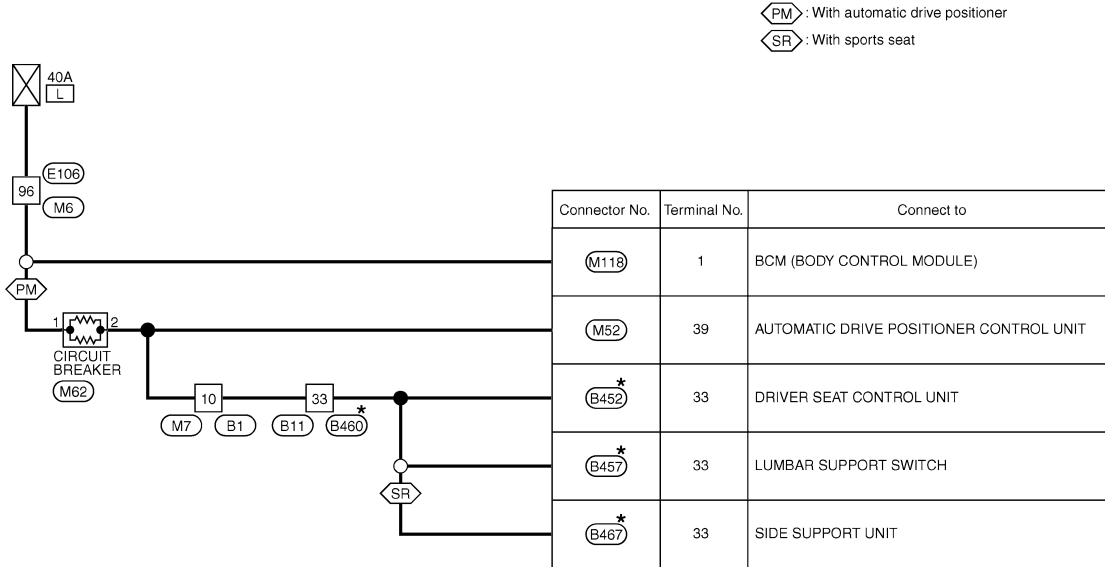
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

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

2008/03/04

JCMWM2043GB

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSIBLE LINK No. L		
Connector No. B1	WIRE TO WIRE	TH80FW-CS16-TM4
Terminal No.	Color of Wire	Signal Name [Specification]
10	SB	-
Connector No. B457	LUMBAR SUPPORT SWITCH	NS04FW-CS
Terminal No.	Color of Wire	Signal Name [Specification]
33	R	-
Connector No. B452	DRIVER SEAT CONTROL UNIT	NS16FW-CS
Terminal No.	Color of Wire	Signal Name [Specification]
33	R	BAT (G/B)
Connector No. B11	WIRE TO WIRE	NS16FW-CS
Terminal No.	Color of Wire	Signal Name [Specification]
33	SB	-
Connector No. B460	WIRE TO WIRE	NS16MW-CS
Terminal No.	Color of Wire	Signal Name [Specification]
33	R	-
Connector No. B467	SIDE SUPPORT UNIT	NS06FW-CS
Terminal No.	Color of Wire	Signal Name [Specification]
33	R	-
Connector No. M6	WIRE TO WIRE	TH80MW-CS16-TM4
Terminal No.	Color of Wire	Signal Name [Specification]
96	W	-
Connector No. E106	WIRE TO WIRE	TH80FW-CS16-TM4
Terminal No.	Color of Wire	Signal Name [Specification]
96	W	-

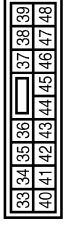
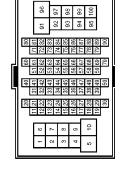
JCMWM2044GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSIBLE LINK No. L		
Connector No.	M7	
Connector Name	WIRE TO WIRE	
Connector Type	THB0WV-CS1F-TM4	
Terminal No.	10	W
Color of Wire	W	
Signal Name [Specification]	-	
Terminal No.	39	W
Color of Wire	W	
Signal Name [Specification]	BAT (G/B)	
Connector No.	M62	
Connector Name	CIRCUIT BREAKER	
Connector Type	MO2FV-P-LC	
Terminal No.	1	W
Color of Wire	W	
Signal Name [Specification]	-	
Terminal No.	1	W
Color of Wire	W	
Signal Name [Specification]	BAT (F/L)	
Connector No.	M118	
Connector Name	BCM (BODY CONTROL MODULE)	
Connector Type	MO2FV-LC	
Terminal No.	1	W
Color of Wire	W	
Signal Name [Specification]	BAT (F/L)	



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POWER SUPPLY ROUTING CIRCUIT

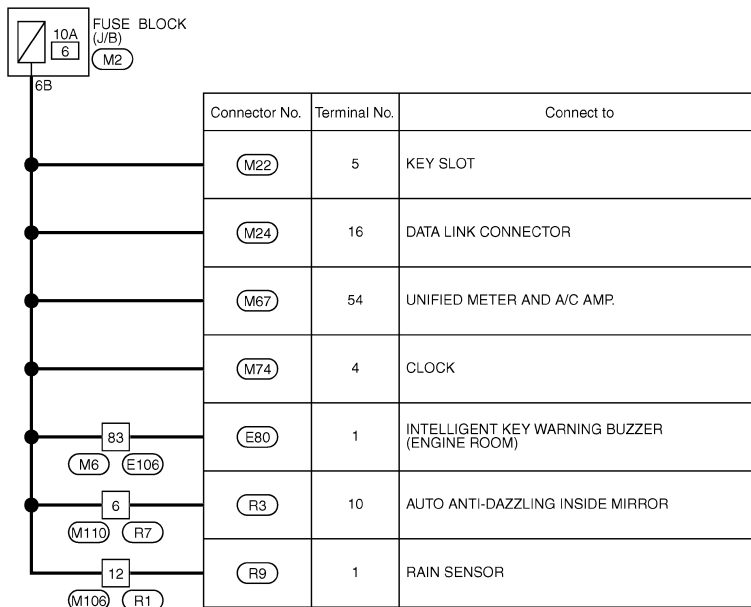
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

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BATTERY POWER SUPPLY FUSE No. 6



2008/03/04

JCMWM2046GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

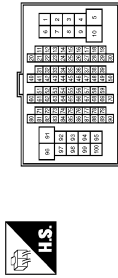
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	E00
Connector Name	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)
Connector Type	RK03FB



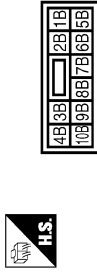
Terminal No.	1	Color of Wire	LG	Signal Name [Specification]	+BAT(VOL. SMALL)
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Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



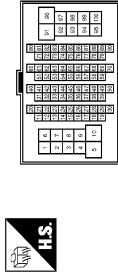
Terminal No.	83	Color of Wire	LG	Signal Name [Specification]	-
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Connector No.	M2
Connector Name	FUSE BLOCK (U/B)
Connector Type	HS10FW-CS



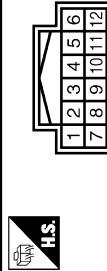
Terminal No.	8B	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MP-CS16-TM4



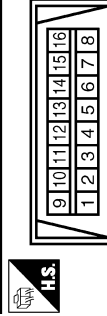
Terminal No.	83	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



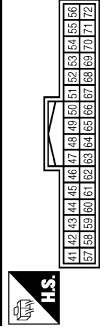
Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	ILL. BAT
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Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD18FW



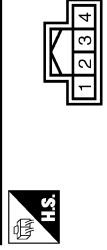
Terminal No.	16	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH32FW-NH



Terminal No.	54	Color of Wire	Y	Signal Name [Specification]	BAT
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Connector No.	M74
Connector Name	CLOCK
Connector Type	TH04FW-NH



Terminal No.	4	Color of Wire	Y	Signal Name [Specification]	BAT
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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	M106	Connector No.	M110	Connector No.	R1	Connector No.	R3
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TK10MW-NSB	Connector Type	TH16MP-NH	Connector Type	TK10FW-NSB	Connector Type	TH10FB-NH

Terminal No.	12	Terminal No.	6	Terminal No.	12	Terminal No.	10
Color of Wire	BR	Color of Wire	GR	Color of Wire	GR	Color of Wire	BR
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	BAT



Connector No.	R7	Connector No.	R9
Connector Name	WIRE TO WIRE	Connector Name	RAIN SENSOR
Connector Type	TH16FW-NH	Connector Type	AAE03FB

Terminal No.	6	Terminal No.	1
Color of Wire	GR	Color of Wire	GR
Signal Name [Specification]	-	Signal Name [Specification]	--B



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
POWER SUPPLY ROUTING CIRCUIT

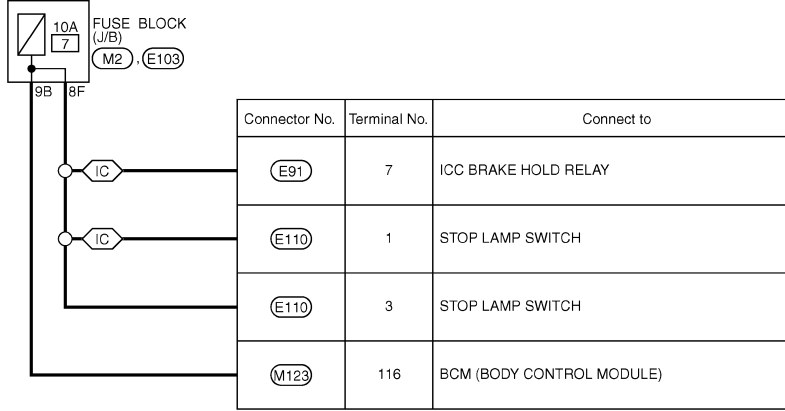
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000003882854

 : With ICC



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JCMWM2049GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E91
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	M08FG-R-US



Terminal No.	7	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



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



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

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



Terminal No.	9B	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



Terminal No.	116	Color of Wire	BR	Signal Name [Specification]	STOP LAMP SW 1
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JCMWM2050GB

POWER SUPPLY ROUTING CIRCUIT


< DTC/CIRCUIT DIAGNOSIS >

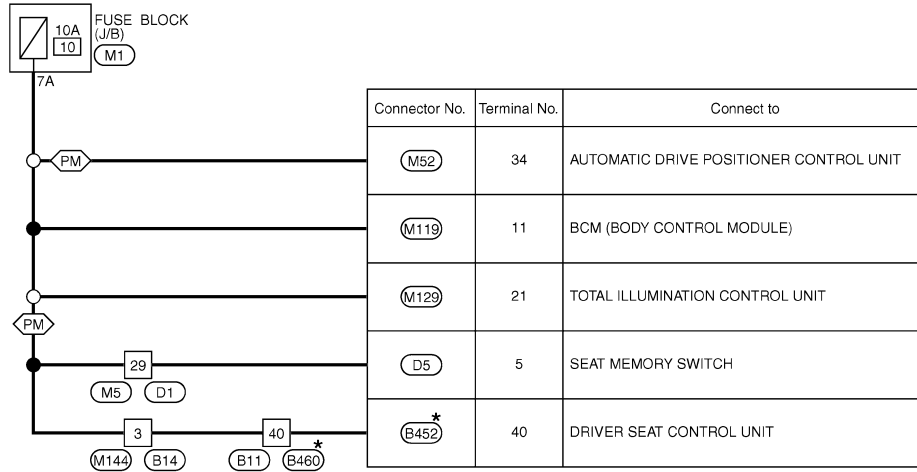
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

INFOID:000000003882855

BATTERY POWER SUPPLY FUSE No. 10

 : With automatic drive positioner



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

2008/03/04

JCMWM2051GB

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 10

Connector No.	B11	Connector No.	B14	Connector No.	B452	Connector No.	B460
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	DRIVER SEAT CONTROL UNIT	Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS	Connector Type	TH12FW-NH	Connector Type	NS16FW-CS	Connector Type	NS16MW-CS

Terminal No.	40	Terminal No.	3	Terminal No.	40	Terminal No.	40
Color of Wire	R	Color of Wire	R	Color of Wire	R/W	Color of Wire	R/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	BAT (FUSE)	Signal Name [Specification]	-

Terminal No.	59	Terminal No.	60
Color of Wire	17	Color of Wire	32
Signal Name [Specification]	1 3 19	Signal Name [Specification]	20

Terminal No.	6	Terminal No.	5	Terminal No.	4	Terminal No.	3	Terminal No.	2	Terminal No.	1
Color of Wire	10	Color of Wire	9	Color of Wire	8	Color of Wire	7	Color of Wire	6	Color of Wire	5
Signal Name [Specification]	7	Signal Name [Specification]	8	Signal Name [Specification]	9	Signal Name [Specification]	10	Signal Name [Specification]	11	Signal Name [Specification]	12

Terminal No.	59	Terminal No.	40	Terminal No.	19	Terminal No.	3	Terminal No.	1	Terminal No.	17	Terminal No.	40	Terminal No.	59
Color of Wire	17	Color of Wire	32	Color of Wire	20	Color of Wire	32	Color of Wire	48	Color of Wire	21	Color of Wire	33	Color of Wire	60
Signal Name [Specification]	1 3 19	Signal Name [Specification]	20	Signal Name [Specification]	21	Signal Name [Specification]	32	Signal Name [Specification]	48	Signal Name [Specification]	21	Signal Name [Specification]	33	Signal Name [Specification]	60

Connector No.	D1	Connector No.	D5	Connector No.	M1	Connector No.	M5
Connector Name	WIRE TO WIRE	Connector Name	SEAT MEMORY SWITCH	Connector Name	FUSE BLOCK (L/B)	Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15	Connector Type	A08FW	Connector Type	NS08FW-MZ	Connector Type	TH40MW-CS15

Terminal No.	40	Terminal No.	5	Terminal No.	7A	Terminal No.	29
Color of Wire	R	Color of Wire	Y	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

Terminal No.	15	Terminal No.	14	Terminal No.	13	Terminal No.	12	Terminal No.	11	Terminal No.	10	Terminal No.	9	Terminal No.	8	Terminal No.	7	Terminal No.	6	Terminal No.	5	Terminal No.	4	Terminal No.	3	Terminal No.	2	Terminal No.	1		
Color of Wire	16	Color of Wire	15	Color of Wire	14	Color of Wire	13	Color of Wire	12	Color of Wire	11	Color of Wire	10	Color of Wire	9	Color of Wire	8	Color of Wire	7	Color of Wire	6	Color of Wire	5	Color of Wire	4	Color of Wire	3	Color of Wire	2	Color of Wire	1
Signal Name [Specification]	16	Signal Name [Specification]	15	Signal Name [Specification]	14	Signal Name [Specification]	13	Signal Name [Specification]	12	Signal Name [Specification]	11	Signal Name [Specification]	10	Signal Name [Specification]	9	Signal Name [Specification]	8	Signal Name [Specification]	7	Signal Name [Specification]	6	Signal Name [Specification]	5	Signal Name [Specification]	4	Signal Name [Specification]	3	Signal Name [Specification]	2	Signal Name [Specification]	1

Terminal No.	59	Terminal No.	40	Terminal No.	15	Terminal No.	14	Terminal No.	13	Terminal No.	12	Terminal No.	11	Terminal No.	10	Terminal No.	9	Terminal No.	8	Terminal No.	7	Terminal No.	6	Terminal No.	5	Terminal No.	4	Terminal No.	3	Terminal No.	2	Terminal No.	1		
Color of Wire	17	Color of Wire	32	Color of Wire	16	Color of Wire	15	Color of Wire	14	Color of Wire	13	Color of Wire	12	Color of Wire	11	Color of Wire	10	Color of Wire	9	Color of Wire	8	Color of Wire	7	Color of Wire	6	Color of Wire	5	Color of Wire	4	Color of Wire	3	Color of Wire	2	Color of Wire	1
Signal Name [Specification]	1 3 19	Signal Name [Specification]	20	Signal Name [Specification]	16	Signal Name [Specification]	15	Signal Name [Specification]	14	Signal Name [Specification]	13	Signal Name [Specification]	12	Signal Name [Specification]	11	Signal Name [Specification]	10	Signal Name [Specification]	9	Signal Name [Specification]	8	Signal Name [Specification]	7	Signal Name [Specification]	6	Signal Name [Specification]	5	Signal Name [Specification]	4	Signal Name [Specification]	3	Signal Name [Specification]	2	Signal Name [Specification]	1

JCMWM2052GB

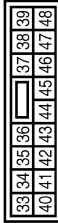
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 10

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



Terminal No.	34	Color of Wire	R	Signal Name [Specification]	BAT (FUSE)
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Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



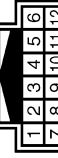
Terminal No.	11	Color of Wire	R	Signal Name [Specification]	BAT (FUSE)
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Connector No.	M129
Connector Name	TOTAL ILLUMINATION CONTROL UNIT
Connector Type	TH46FW-NH



Terminal No.	21	Color of Wire	R	Signal Name [Specification]	BAT POWER SUPPLY
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Connector No.	M144
Connector Name	WIRE TO WIRE
Connector Type	TH12MF-NH



Terminal No.	3	Color of Wire	R	Signal Name [Specification]	
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

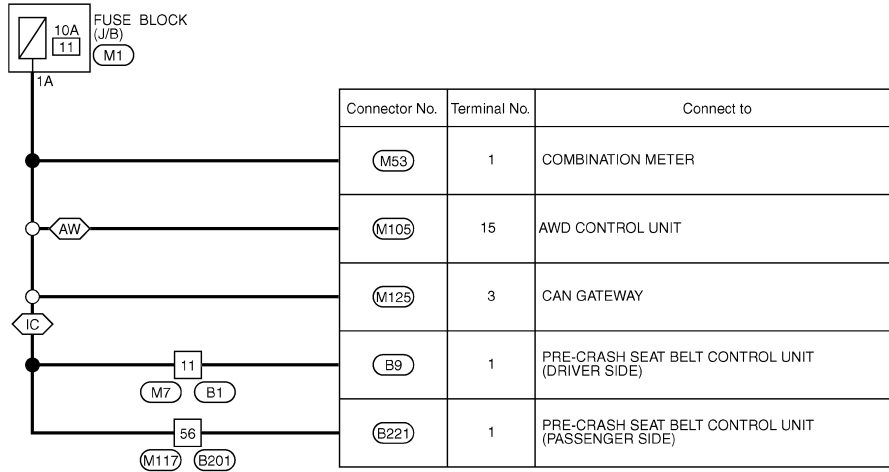
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -

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BATTERY POWER SUPPLY FUSE No. 11

AW : AWD models
IC : With ICC



2008/03/04

JCMWM2054GB

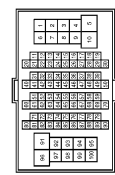
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

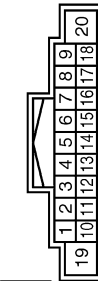
BATTERY POWER SUPPLY FUSE No. 11

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



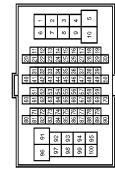
Terminal No.	Color of Wire	Signal Name [Specification]
11	W SB	- [With pre-crash seat belt] - [Without pre-crash seat belt]

Connector No.	B9
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (DRIVER SIDE)
Connector Type	TH18FW-CS2



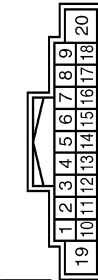
Terminal No.	Color of Wire	Signal Name [Specification]
11	W	SIG BAT

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



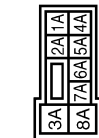
Terminal No.	Color of Wire	Signal Name [Specification]
56	Y	-

Connector No.	B221
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (PASSENGER SIDE)
Connector Type	TH18FW-CS2



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

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



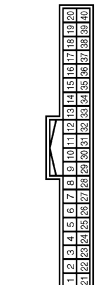
Terminal No.	Color of Wire	Signal Name [Specification]
1A	O	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
11	Y	- [Without pre-crash seat belt]

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



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

Connector No.	M105
Connector Name	AND CONTROL UNIT
Connector Type	TH18FW-NH



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

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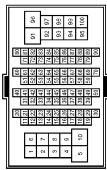
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

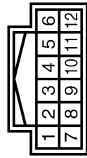
BATTERY POWER SUPPLY FUSE No. 11

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



Terminal No.	56	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M125
Connector Name	CAN GATEWAY
Connector Type	TH12FW-NH



Terminal No.	3	Color of Wire	GR	Signal Name [Specification]	BATTERY
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POWER SUPPLY ROUTING CIRCUIT

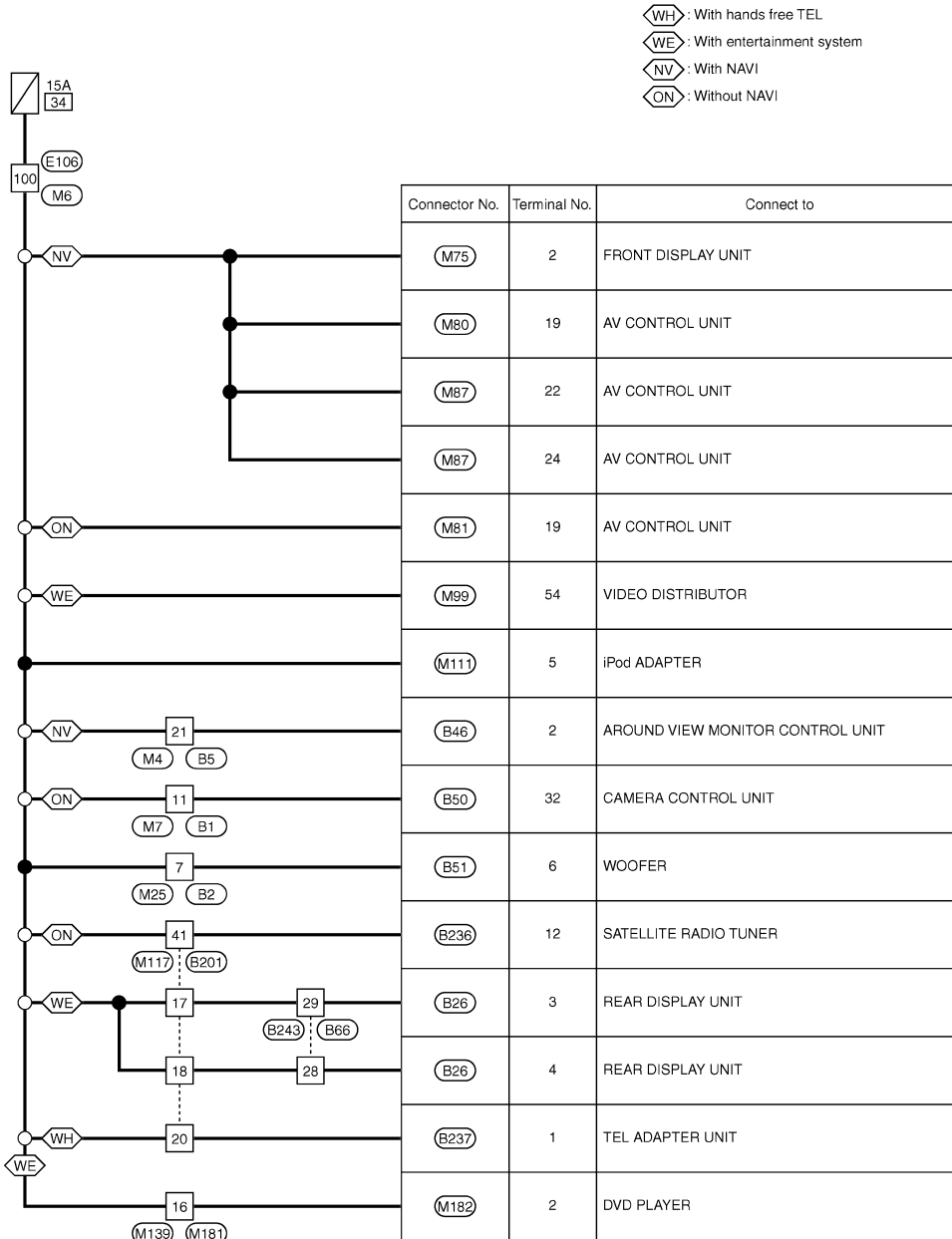
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000003882857

BATTERY POWER SUPPLY FUSE No. 34



- (WH) : With hands free TEL
- (WE) : With entertainment system
- (NV) : With NAVI
- (ON) : Without NAVI

2008/03/04

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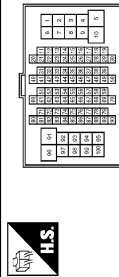
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

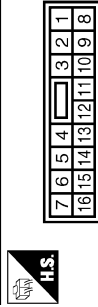
BATTERY POWER SUPPLY FUSE No. 34

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH807V-CS16-TM4



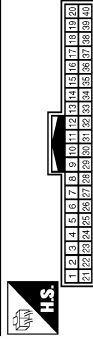
Terminal No.	Color of Wire	Signal Name [Specification]
11	W	- [With pre-crash seat belt]
11	SB	- [Without pre-crash seat belt]

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



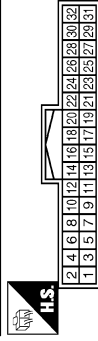
Terminal No.	Color of Wire	Signal Name [Specification]
7	W	-

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



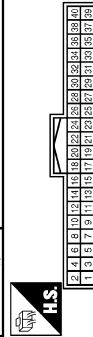
Terminal No.	Color of Wire	Signal Name [Specification]
21	Y	-

Connector No.	B26
Connector Name	REAR DISPLAY UNIT
Connector Type	TH32FW-NH



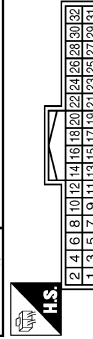
Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	BATTERY
4	LG	BATTERY

Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH407V-NH



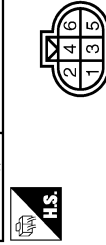
Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	BATTERY

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



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

Connector No.	B51
Connector Name	WOOFER
Connector Type	RS08FGY



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

Connector No.	B66
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



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

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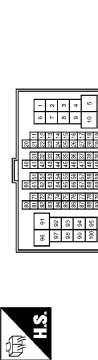
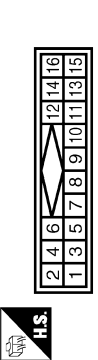
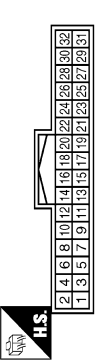
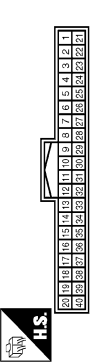
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

Connector No. B201	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 17	Color of Wire LG	Signal Name [Specification]	Terminal No. 17	Color of Wire GR	Signal Name [Specification]
Connector No. B201	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 18	Color of Wire GR	- [With NAVI]	Terminal No. 18	Color of Wire GR	- [With NAVI]
Connector No. B201	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 20	Color of Wire Y	- [Without NAVI]	Terminal No. 20	Color of Wire Y	- [Without NAVI]
Connector No. B201	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 41	Color of Wire SB	- [With FCC]	Terminal No. 41	Color of Wire SB	- [With FCC]
Connector No. B201	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 41	Color of Wire Y	- [Without FCC]	Terminal No. 41	Color of Wire Y	- [Without FCC]
Connector No. B236	Connector Name SATELLITE RADIO TUNER	Connector Type A16FW	Terminal No. 12	Color of Wire Y	BATTERY	Terminal No. 12	Color of Wire Y	BATTERY
Connector No. B237	Connector Name TEL ADAPTER UNIT	Connector Type TH2FW-NH	Terminal No. 1	Color of Wire Y	BATTERY	Terminal No. 1	Color of Wire Y	BATTERY
Connector No. B243	Connector Name WIRE TO WIRE	Connector Type TH40FW-NH	Terminal No. 28	Color of Wire GR	Signal Name [Specification]	Terminal No. 28	Color of Wire GR	Signal Name [Specification]
Connector No. B243	Connector Name WIRE TO WIRE	Connector Type TH40FW-NH	Terminal No. 29	Color of Wire LG	Signal Name [Specification]	Terminal No. 29	Color of Wire LG	Signal Name [Specification]
Connector No. M4	Connector Name WIRE TO WIRE	Connector Type TH40FW-NH	Terminal No. M4	Color of Wire WIRE TO WIRE	Signal Name [Specification]	Terminal No. M4	Color of Wire WIRE TO WIRE	Signal Name [Specification]
Connector No. M6	Connector Name WIRE TO WIRE	Connector Type TH80MW-CS16-TM4	Terminal No. M6	Color of Wire WIRE TO WIRE	Signal Name [Specification]	Terminal No. M6	Color of Wire WIRE TO WIRE	Signal Name [Specification]
Connector No. M7	Connector Name WIRE TO WIRE	Connector Type TH80MW-CS16-TM4	Terminal No. M7	Color of Wire WIRE TO WIRE	Signal Name [Specification]	Terminal No. M7	Color of Wire WIRE TO WIRE	Signal Name [Specification]
Connector No. E108	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 100	Color of Wire Y	Signal Name [Specification]	Terminal No. 100	Color of Wire Y	Signal Name [Specification]
Connector No. E108	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 100	Color of Wire Y	Signal Name [Specification]	Terminal No. 100	Color of Wire Y	Signal Name [Specification]
Connector No. E108	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	Terminal No. 100	Color of Wire Y	Signal Name [Specification]	Terminal No. 100	Color of Wire Y	Signal Name [Specification]



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 34

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

Terminal No.	7	Y	Signal Name [Specification]	
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Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CS2

Terminal No.	19	Y	Signal Name [Specification]	BATTERY
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Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2

Terminal No.	19	Y	Signal Name [Specification]	BATTERY
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Connector No.	M75
Connector Name	FRONT DISPLAY UNIT (WITH NAVI)
Connector Type	TH24FW-NH

Terminal No.	2	P	Signal Name [Specification]	BATTERY
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Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH

Terminal No.	22	Y	Signal Name [Specification]	BATTERY
Terminal No.	24	Y	Signal Name [Specification]	BATTERY

Connector No.	M99
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH08FW-NH

Terminal No.	54	O	Signal Name [Specification]	BATTERY
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Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

Terminal No.	17	Y	Signal Name [Specification]	
Terminal No.	18	Y	Signal Name [Specification]	
Terminal No.	20	GR	Signal Name [Specification]	[With NAVI]
Terminal No.	41	Y	Signal Name [Specification]	[Without ICC]

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

Terminal No.	5	Y	Signal Name [Specification]	BATTERY
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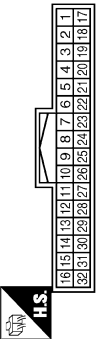
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

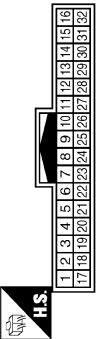
BATTERY POWER SUPPLY FUSE No. 34

Connector No.	M139
Connector Name	WIRE TO WIRE
Connector Type	TH2FW-NH



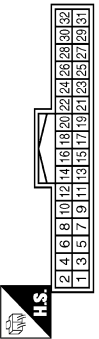
Terminal No.	16	LG	Signal Name [Specification]	-
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Connector No.	M181
Connector Name	WIRE TO WIRE
Connector Type	TH2MP-NH



Terminal No.	16	Y	Signal Name [Specification]	-
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Connector No.	M182
Connector Name	DVD PLAYER
Connector Type	TH2FW-NH



Terminal No.	2	Y	Signal Name [Specification]	BATTERY
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POWER SUPPLY ROUTING CIRCUIT

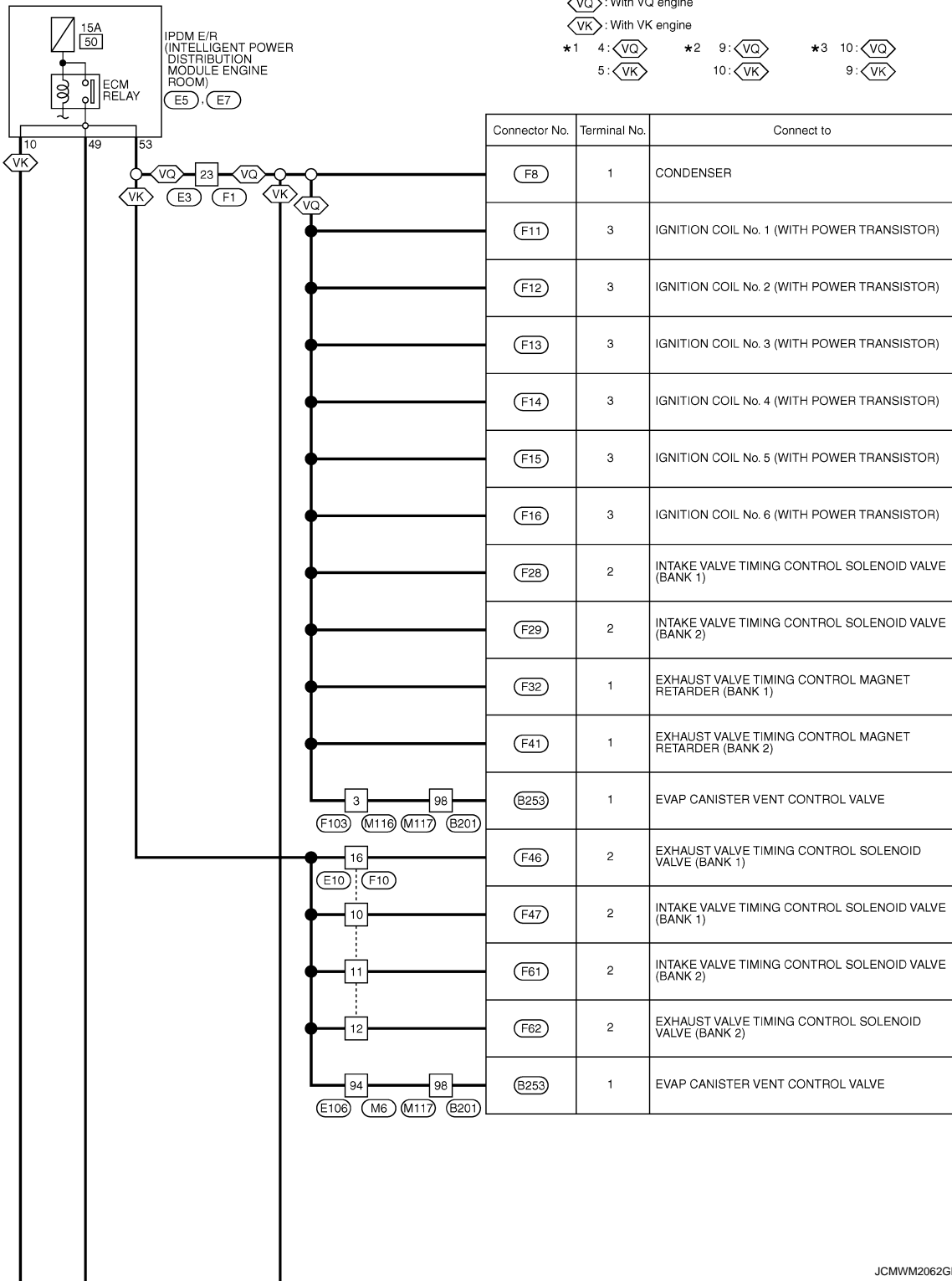
[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000003882858

BATTERY POWER SUPPLY FUSE No. 50

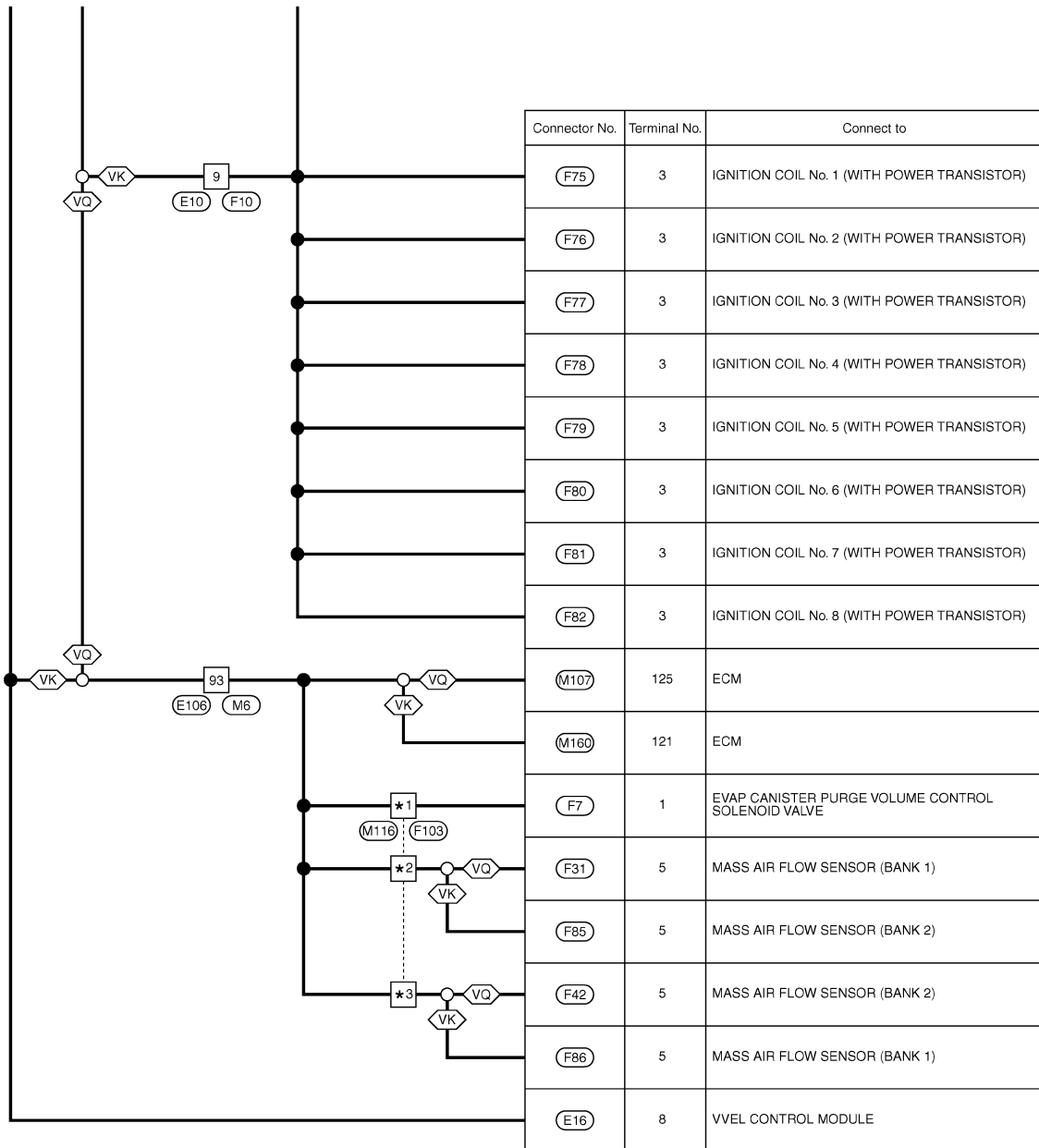


JCMWM2062GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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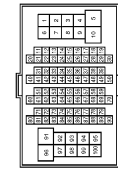
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

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



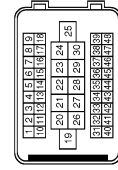
Terminal No.	Color of Wire	Signal Name [Specification]
98	W	- [With VK engine]
99	O	- [With VQ engine]

Connector No.	B253
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	E02FB-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	- [With VK engine]
2	O	- [With VQ engine]

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



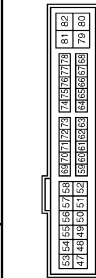
Terminal No.	Color of Wire	Signal Name [Specification]
23	W	-

Connector No.	E3
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-TV



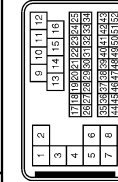
Terminal No.	Color of Wire	Signal Name [Specification]
10	SB	-

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



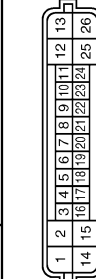
Terminal No.	Color of Wire	Signal Name [Specification]
48	W	- [With VK engine]
49	SB	- [With VQ engine]
53	W	-

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS8-SH28



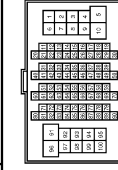
Terminal No.	Color of Wire	Signal Name [Specification]
9	W	-
10	W	-
11	W	-
12	W	-
16	W	-

Connector No.	E16
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJZ8-LH



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
93	SB	-
94	W	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No. F1	WIRE TO WIRE	SA-3PFB-RS10-SJZ2		<table border="1"> <tr> <td>Terminal No.</td> <td>23</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	23	W		Signal Name [Specification]	Color of Wire																																												
Terminal No.	23	W		Signal Name [Specification]																																																		
Color of Wire																																																						
Connector No. F7	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE	E02FL-RS-LGY		<table border="1"> <tr> <td>Terminal No.</td> <td>1</td> <td>R</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	1	R		Signal Name [Specification]	Color of Wire																																												
Terminal No.	1	R		Signal Name [Specification]																																																		
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Connector No. F8	CONDENSER	M02FF-LC		<table border="1"> <tr> <td>Terminal No.</td> <td>1</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	1	W		Signal Name [Specification]	Color of Wire																																												
Terminal No.	1	W		Signal Name [Specification]																																																		
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Connector No. F10	WIRE TO WIRE	SA-3PFB-RSP-SHZ8		<table border="1"> <tr> <td>Terminal No.</td> <td>9</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Terminal No.</td> <td>10</td> <td>G</td> <td></td> <td></td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Terminal No.</td> <td>11</td> <td>Y</td> <td></td> <td></td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Terminal No.</td> <td>12</td> <td>V</td> <td></td> <td></td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Terminal No.</td> <td>16</td> <td>R</td> <td></td> <td></td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	9	W		Signal Name [Specification]	Color of Wire					Terminal No.	10	G			Color of Wire					Terminal No.	11	Y			Color of Wire					Terminal No.	12	V			Color of Wire					Terminal No.	16	R			Color of Wire				
Terminal No.	9	W		Signal Name [Specification]																																																		
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Terminal No.	16	R																																																				
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Connector No. F11	IGNITION COIL No. 1 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)	E03FGY-RS		<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W		Signal Name [Specification]	Color of Wire																																												
Terminal No.	3	W		Signal Name [Specification]																																																		
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Connector No. F12	IGNITION COIL No. 2 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)	E03FGY-RS		<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W		Signal Name [Specification]	Color of Wire																																												
Terminal No.	3	W		Signal Name [Specification]																																																		
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Connector No. F13	IGNITION COIL No. 3 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)	E03FGY-RS		<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W		Signal Name [Specification]	Color of Wire																																												
Terminal No.	3	W		Signal Name [Specification]																																																		
Color of Wire																																																						
Connector No. F14	IGNITION COIL No. 4 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)	E03FGY-RS		<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td></td> <td>Signal Name [Specification]</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W		Signal Name [Specification]	Color of Wire																																												
Terminal No.	3	W		Signal Name [Specification]																																																		
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

<table border="1"> <tr><td>Connector No.</td><td>F15</td></tr> <tr><td>Connector Name</td><td>IGNITION COIL No. 5 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS</td></tr> </table>  	Connector No.	F15	Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)	Connector Type	E02FG-RS	<table border="1"> <tr><td>Terminal No.</td><td>3</td><td>W</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	3	W	Color of Wire			Signal Name [Specification]		
Connector No.	F15															
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)															
Connector Type	E02FG-RS															
Terminal No.	3	W														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F16</td></tr> <tr><td>Connector Name</td><td>IGNITION COIL No. 6 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)</td></tr> <tr><td>Connector Type</td><td>E03GY-RS</td></tr> </table>  	Connector No.	F16	Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)	Connector Type	E03GY-RS	<table border="1"> <tr><td>Terminal No.</td><td>3</td><td>W</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	3	W	Color of Wire			Signal Name [Specification]		
Connector No.	F16															
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR) (WITH VQ ENGINE)															
Connector Type	E03GY-RS															
Terminal No.	3	W														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F28</td></tr> <tr><td>Connector Name</td><td>INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) (WITH VQ ENGINE)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS-LGY</td></tr> </table>  	Connector No.	F28	Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) (WITH VQ ENGINE)	Connector Type	E02FG-RS-LGY	<table border="1"> <tr><td>Terminal No.</td><td>2</td><td>R</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	2	R	Color of Wire			Signal Name [Specification]		
Connector No.	F28															
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) (WITH VQ ENGINE)															
Connector Type	E02FG-RS-LGY															
Terminal No.	2	R														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F29</td></tr> <tr><td>Connector Name</td><td>INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) (WITH VQ ENGINE)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS-LGY</td></tr> </table>  	Connector No.	F29	Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) (WITH VQ ENGINE)	Connector Type	E02FG-RS-LGY	<table border="1"> <tr><td>Terminal No.</td><td>2</td><td>R</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	2	R	Color of Wire			Signal Name [Specification]		
Connector No.	F29															
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) (WITH VQ ENGINE)															
Connector Type	E02FG-RS-LGY															
Terminal No.	2	R														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F31</td></tr> <tr><td>Connector Name</td><td>MASS AIR FLOW SENSOR (BANK1) (WITH VQ ENGINE)</td></tr> <tr><td>Connector Type</td><td>RH0DFB</td></tr> </table>  	Connector No.	F31	Connector Name	MASS AIR FLOW SENSOR (BANK1) (WITH VQ ENGINE)	Connector Type	RH0DFB	<table border="1"> <tr><td>Terminal No.</td><td>5</td><td>Y</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	5	Y	Color of Wire			Signal Name [Specification]		
Connector No.	F31															
Connector Name	MASS AIR FLOW SENSOR (BANK1) (WITH VQ ENGINE)															
Connector Type	RH0DFB															
Terminal No.	5	Y														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F32</td></tr> <tr><td>Connector Name</td><td>EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 1)</td></tr> <tr><td>Connector Type</td><td>RSQ4FL-B</td></tr> </table>  	Connector No.	F32	Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 1)	Connector Type	RSQ4FL-B	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	1	R	Color of Wire			Signal Name [Specification]		
Connector No.	F32															
Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 1)															
Connector Type	RSQ4FL-B															
Terminal No.	1	R														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F41</td></tr> <tr><td>Connector Name</td><td>EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 2)</td></tr> <tr><td>Connector Type</td><td>RSQ4FL-B</td></tr> </table>  	Connector No.	F41	Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 2)	Connector Type	RSQ4FL-B	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	1	R	Color of Wire			Signal Name [Specification]		
Connector No.	F41															
Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 2)															
Connector Type	RSQ4FL-B															
Terminal No.	1	R														
Color of Wire																
Signal Name [Specification]																
<table border="1"> <tr><td>Connector No.</td><td>F42</td></tr> <tr><td>Connector Name</td><td>MASS AIR FLOW SENSOR (BANK 2) (WITH VQ ENGINE)</td></tr> <tr><td>Connector Type</td><td>RH0DFB</td></tr> </table>  	Connector No.	F42	Connector Name	MASS AIR FLOW SENSOR (BANK 2) (WITH VQ ENGINE)	Connector Type	RH0DFB	<table border="1"> <tr><td>Terminal No.</td><td>5</td><td>GR</td></tr> <tr><td>Color of Wire</td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	5	GR	Color of Wire			Signal Name [Specification]		
Connector No.	F42															
Connector Name	MASS AIR FLOW SENSOR (BANK 2) (WITH VQ ENGINE)															
Connector Type	RH0DFB															
Terminal No.	5	GR														
Color of Wire																
Signal Name [Specification]																

















JCMWM2066GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 50

<table border="1"> <tr> <td>Connector No.</td> <td>F46</td> </tr> <tr> <td>Connector Name</td> <td>EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)</td> </tr> <tr> <td>Connector Type</td> <td>E02FG-RS-LGY</td> </tr> </table>  	Connector No.	F46	Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)	Connector Type	E02FG-RS-LGY	<table border="1"> <tr> <td>Terminal No.</td> <td>2</td> <td>R</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	2	R	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F46																					
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)																					
Connector Type	E02FG-RS-LGY																					
Terminal No.	2	R	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F47</td> </tr> <tr> <td>Connector Name</td> <td>INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) (WITH VK ENGINE)</td> </tr> <tr> <td>Connector Type</td> <td>E02FG-RS-LGY</td> </tr> </table>  	Connector No.	F47	Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) (WITH VK ENGINE)	Connector Type	E02FG-RS-LGY	<table border="1"> <tr> <td>Terminal No.</td> <td>2</td> <td>G</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	2	G	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F47																					
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) (WITH VK ENGINE)																					
Connector Type	E02FG-RS-LGY																					
Terminal No.	2	G	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F61</td> </tr> <tr> <td>Connector Name</td> <td>INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) (WITH VK ENGINE)</td> </tr> <tr> <td>Connector Type</td> <td>E02FG-RS-LGY</td> </tr> </table>  	Connector No.	F61	Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) (WITH VK ENGINE)	Connector Type	E02FG-RS-LGY	<table border="1"> <tr> <td>Terminal No.</td> <td>2</td> <td>Y</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	2	Y	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F61																					
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) (WITH VK ENGINE)																					
Connector Type	E02FG-RS-LGY																					
Terminal No.	2	Y	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F62</td> </tr> <tr> <td>Connector Name</td> <td>EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)</td> </tr> <tr> <td>Connector Type</td> <td>E02FG-RS-LGY</td> </tr> </table>  	Connector No.	F62	Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)	Connector Type	E02FG-RS-LGY	<table border="1"> <tr> <td>Terminal No.</td> <td>2</td> <td>V</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	2	V	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F62																					
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)																					
Connector Type	E02FG-RS-LGY																					
Terminal No.	2	V	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F75</td> </tr> <tr> <td>Connector Name</td> <td>IGNITION COIL No. 1 (WITH POWER TRANSISTOR) (WITH VK ENGINE)</td> </tr> <tr> <td>Connector Type</td> <td>E03FGY-RS</td> </tr> </table>  	Connector No.	F75	Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR) (WITH VK ENGINE)	Connector Type	E03FGY-RS	<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F75																					
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR) (WITH VK ENGINE)																					
Connector Type	E03FGY-RS																					
Terminal No.	3	W	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F76</td> </tr> <tr> <td>Connector Name</td> <td>IGNITION COIL No. 2 (WITH POWER TRANSISTOR) (WITH VK ENGINE)</td> </tr> <tr> <td>Connector Type</td> <td>E03FGY-RS</td> </tr> </table>  	Connector No.	F76	Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR) (WITH VK ENGINE)	Connector Type	E03FGY-RS	<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F76																					
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR) (WITH VK ENGINE)																					
Connector Type	E03FGY-RS																					
Terminal No.	3	W	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F77</td> </tr> <tr> <td>Connector Name</td> <td>IGNITION COIL No. 3 (WITH POWER TRANSISTOR) (WITH VK ENGINE)</td> </tr> <tr> <td>Connector Type</td> <td>E03FGY-RS</td> </tr> </table>  	Connector No.	F77	Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR) (WITH VK ENGINE)	Connector Type	E03FGY-RS	<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F77																					
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR) (WITH VK ENGINE)																					
Connector Type	E03FGY-RS																					
Terminal No.	3	W	—	—																		
Color of Wire																						
Signal Name [Specification]																						
<table border="1"> <tr> <td>Connector No.</td> <td>F78</td> </tr> <tr> <td>Connector Name</td> <td>IGNITION COIL No. 4 (WITH POWER TRANSISTOR) (WITH VK ENGINE)</td> </tr> <tr> <td>Connector Type</td> <td>E03FGY-RS</td> </tr> </table>  	Connector No.	F78	Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR) (WITH VK ENGINE)	Connector Type	E03FGY-RS	<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>W</td> <td>—</td> <td>—</td> </tr> <tr> <td>Color of Wire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Signal Name [Specification]</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Terminal No.	3	W	—	—	Color of Wire					Signal Name [Specification]				
Connector No.	F78																					
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR) (WITH VK ENGINE)																					
Connector Type	E03FGY-RS																					
Terminal No.	3	W	—	—																		
Color of Wire																						
Signal Name [Specification]																						

A
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K
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PG
N
O
P

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POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F79
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR) (WITH VK ENGINE)
Connector Type	E03FGY-RS



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

Connector No.	F80
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR) (WITH VK ENGINE)
Connector Type	E03FGY-RS



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

Connector No.	F81
Connector Name	IGNITION COIL No. 7 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



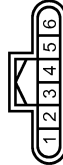
Terminal No.	3	W	
Color of Wire			
Signal Name [Specification]			

Connector No.	F82
Connector Name	IGNITION COIL No. 8 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



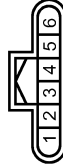
Terminal No.	3	W	
Color of Wire			
Signal Name [Specification]			

Connector No.	F85
Connector Name	MASS AIR FLOW SENSOR (BANK 2) (WITH VK ENGINE)
Connector Type	RH06FB



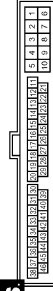
Terminal No.	5	L	
Color of Wire			
Signal Name [Specification]			

Connector No.	F86
Connector Name	MASS AIR FLOW SENSOR (BANK 1) (WITH VK ENGINE)
Connector Type	RH06FB



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

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



Terminal No.	3	W	
Color of Wire			
Signal Name [Specification]			
Terminal No.	4	R	
Color of Wire			
Signal Name [Specification]			
Terminal No.	4	GR	
Color of Wire			
Signal Name [Specification]			
Terminal No.	5	B	
Color of Wire			
Signal Name [Specification]			
Terminal No.	5	R	
Color of Wire			
Signal Name [Specification]			
Terminal No.	9	Y	
Color of Wire			
Signal Name [Specification]			
Terminal No.	9	W	
Color of Wire			
Signal Name [Specification]			
Terminal No.	10	L	
Color of Wire			
Signal Name [Specification]			
Terminal No.	10	GR	
Color of Wire			
Signal Name [Specification]			

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TR80MY-C516-TM4



Terminal No.	93	GR	
Color of Wire			
Signal Name [Specification]			
Terminal No.	94	L	
Color of Wire			
Signal Name [Specification]			

JCMWM2068GB

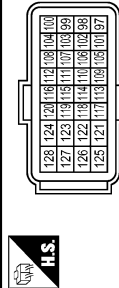
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

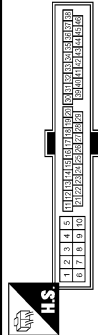
BATTERY POWER SUPPLY FUSE No. 50

Connector No.	M107
Connector Name	ECM (WITH VQ ENGINE)
Connector Type	RH24FGY-R28-R-LH-Z



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

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



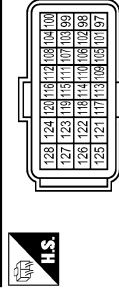
Terminal No.	3	4	5	6	7	8	9	10
Color of Wire	L	R	B	B	R	R	L	R
Signal Name [Specification]	-	[With VQ engine]	[With VK engine]	[With VQ engine]	[With VK engine]	[With VQ engine]	[With VK engine]	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	THE3MW-CS16-TM4



Terminal No.	98	L	-
Color of Wire			
Signal Name [Specification]			

Connector No.	M160
Connector Name	ECM (WITH VK ENGINE)
Connector Type	RH24FGY-R28-R-LH-Z



Terminal No.	121	GR	VBR
Color of Wire			
Signal Name [Specification]			

A
B
C
D
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F
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K
L
N
O
P

PG

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POWER SUPPLY ROUTING CIRCUIT

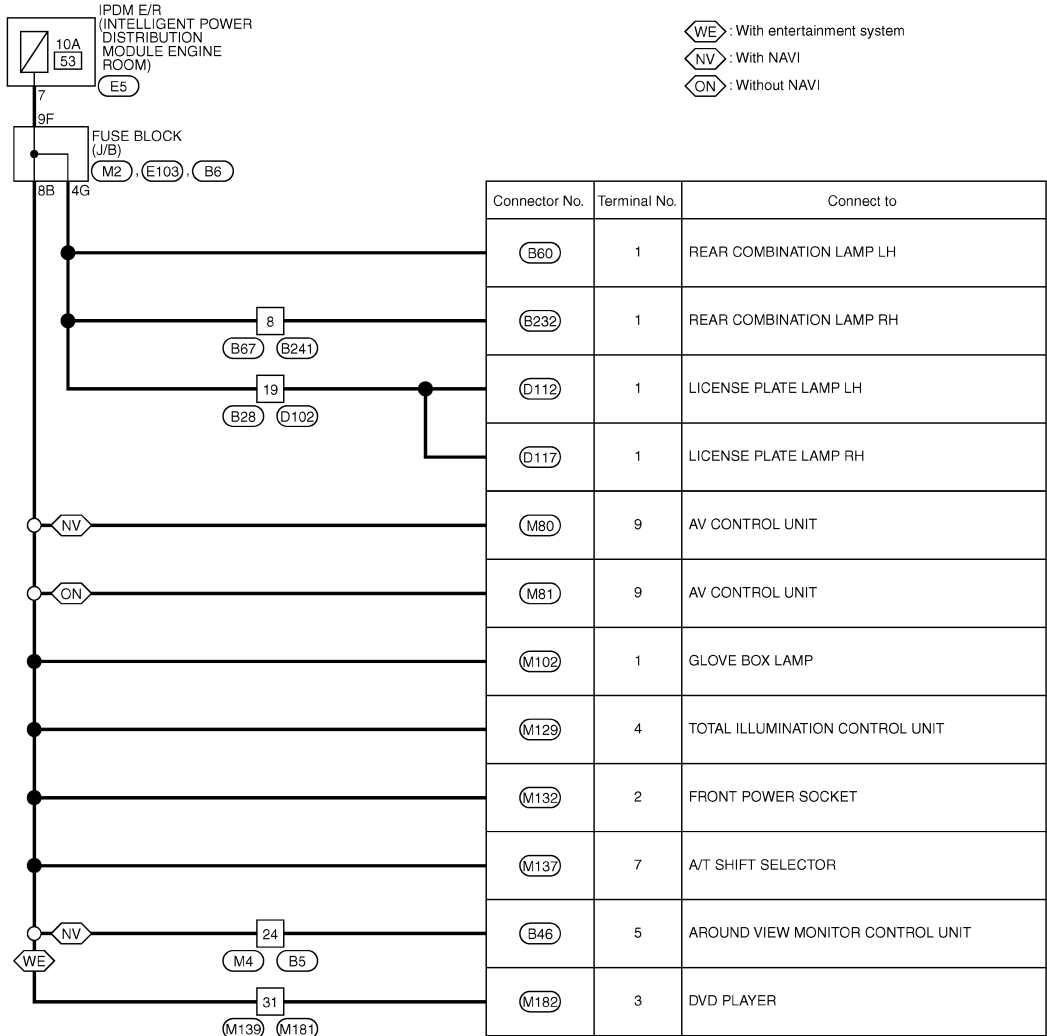
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:00000003882859

BATTERY POWER SUPPLY FUSE No. 53



2008/03/04

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No. B5	WIRE TO WIRE	TH04MW-NH		<table border="1"> <tr> <td>Terminal No.</td> <td>24</td> <td>R</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	24	R	Signal Name [Specification]	-
Terminal No.	24	R	Signal Name [Specification]	-					
Connector No. B6	FUSE BLOCK (J/B)	NS17PER-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>4G</td> <td>R</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	4G	R	Signal Name [Specification]	-
Terminal No.	4G	R	Signal Name [Specification]	-					
Connector No. B23	WIRE TO WIRE	TH24MW-NH		<table border="1"> <tr> <td>Terminal No.</td> <td>19</td> <td>R</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	19	R	Signal Name [Specification]	-
Terminal No.	19	R	Signal Name [Specification]	-					
Connector No. B46	AROUND VIEW MONITOR CONTROL UNIT	TH40FW-NH		<table border="1"> <tr> <td>Terminal No.</td> <td>5</td> <td>R</td> <td>Signal Name [Specification]</td> <td>ILLUMINATION</td> </tr> </table>	Terminal No.	5	R	Signal Name [Specification]	ILLUMINATION
Terminal No.	5	R	Signal Name [Specification]	ILLUMINATION					
Connector No. B60	REAR COMBINATION LAMP LH	TH04MW-NH		<table border="1"> <tr> <td>Terminal No.</td> <td>1</td> <td>R</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	1	R	Signal Name [Specification]	-
Terminal No.	1	R	Signal Name [Specification]	-					
Connector No. B67	WIRE TO WIRE	NS00MW-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>8</td> <td>R</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	8	R	Signal Name [Specification]	-
Terminal No.	8	R	Signal Name [Specification]	-					
Connector No. B232	REAR COMBINATION LAMP RH	TH04MW-NH		<table border="1"> <tr> <td>Terminal No.</td> <td>1</td> <td>P</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	1	P	Signal Name [Specification]	-
Terminal No.	1	P	Signal Name [Specification]	-					
Connector No. B68	REAR COMBINATION LAMP RH	TH04MW-NH		<table border="1"> <tr> <td>Terminal No.</td> <td>1</td> <td>P</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	1	P	Signal Name [Specification]	-
Terminal No.	1	P	Signal Name [Specification]	-					
Connector No. B241	WIRE TO WIRE	NS09FW-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>8</td> <td>P</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	8	P	Signal Name [Specification]	-
Terminal No.	8	P	Signal Name [Specification]	-					

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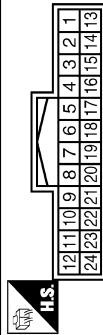
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	D102
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	19	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	D112
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR



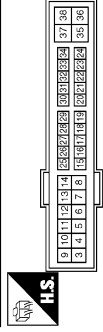
Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	D117
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR



Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	E3
Connector Name	IPDME/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH20FW-CS12-M4-1V



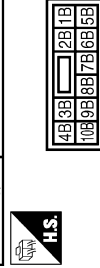
Terminal No.	7	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



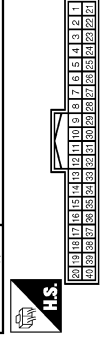
Terminal No.	9F	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



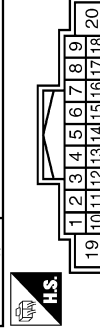
Terminal No.	8B	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



Terminal No.	24	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	M60
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



Terminal No.	9	Color of Wire	R	Signal Name [Specification]	ILLUMINATION
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JCMWM2072GB

POWER SUPPLY ROUTING CIRCUIT

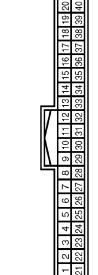
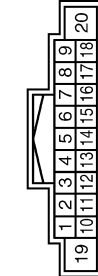
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

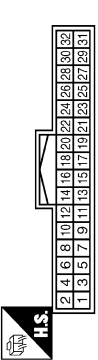
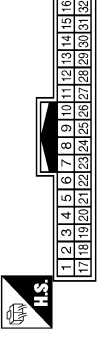
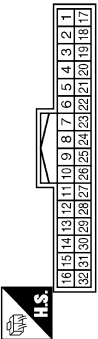
Connector No.	M81	Connector No.	M102	Connector No.	M129	Connector No.	M132
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)	Connector Name	GLOVE BOX LAMP	Connector Name	TOTAL ILLUMINATION CONTROL UNIT	Connector Name	FRONT POWER SOCKET
Connector Type	TH18FW-CSZ	Connector Type	A02FW	Connector Type	TH40FW-NH	Connector Type	NS33FW-CS

Terminal No.	9	Terminal No.	1	Terminal No.	4	Terminal No.	2
Color of Wire	R	Color of Wire	R	Color of Wire	L	Color of Wire	R
Signal Name [Specification]	ILLUMINATION	Signal Name [Specification]	-	Signal Name [Specification]	TAIL LAMP SIGNAL	Signal Name [Specification]	-



Connector No.	M137	Connector No.	M138	Connector No.	M181	Connector No.	M182
Connector Name	A/T SHIFT SELECTOR	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	DVD PLAYER
Connector Type	TH12FW-NH	Connector Type	TH32FW-NH	Connector Type	TH32MW-NH	Connector Type	TH32FW-NH

Terminal No.	7	Terminal No.	31	Terminal No.	31	Terminal No.	3
Color of Wire	O	Color of Wire	L	Color of Wire	L	Color of Wire	L
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	ILLUMINATION



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POWER SUPPLY ROUTING CIRCUIT

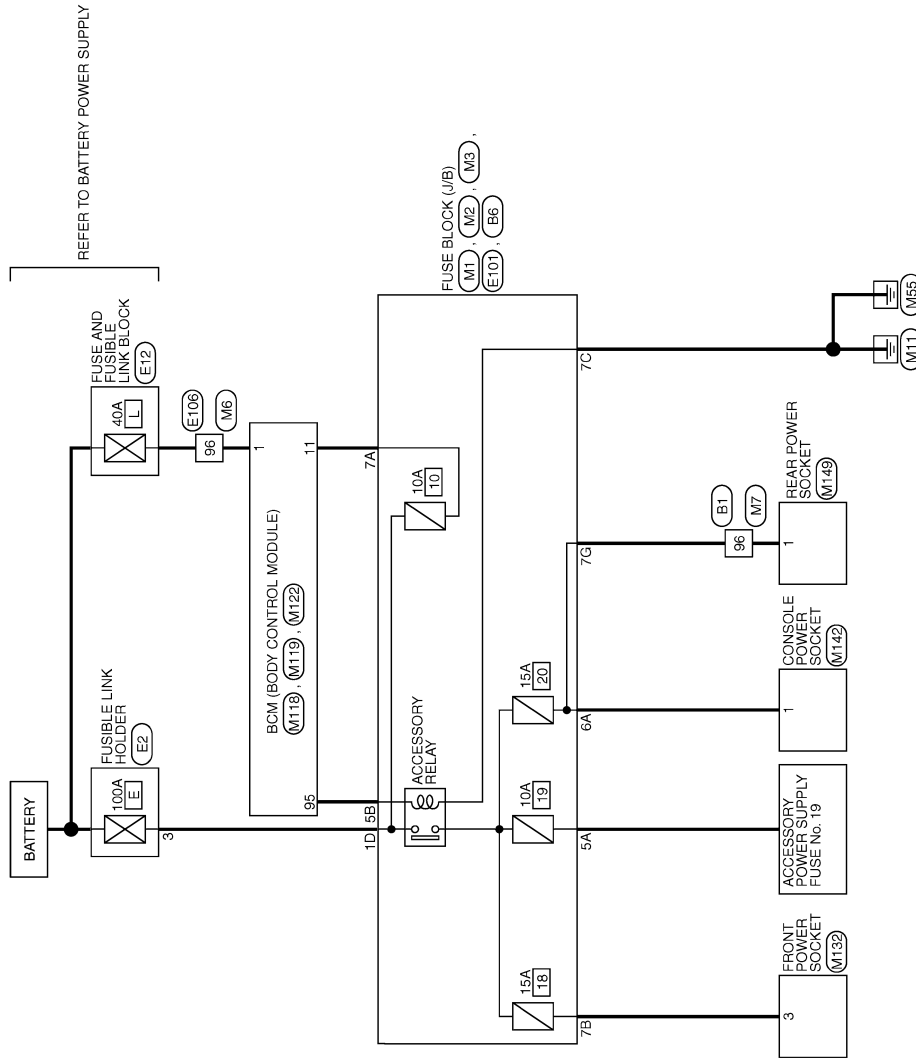
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



2008/03/04

JCMWM2074GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	B1	Connector No.	E1	Connector No.	B6	Connector No.	E2	Connector No.	M3
Connector Name	WIRE TO WIRE	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSIBLE LINK HOLDER	Connector Name	FUSE BLOCK (J/B)
Connector Type	TH80FW-CS16-TM4	Connector Type	NS1ZPER-CS	Connector Type	NS1ZPER-CS	Connector Type	LDZFGY-MC	Connector Type	NS1ZFW-CS
Terminal No.	96	Terminal No.	7G	Terminal No.	3	Terminal No.	7C	Terminal No.	1D
Color of Wire	O	Color of Wire	O	Color of Wire	R	Color of Wire	O	Color of Wire	R
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

Connector No.	E108	Connector No.	M1	Connector No.	M2	Connector No.	M3
Connector Name	WIRE TO WIRE	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)
Connector Type	TH80FW-CS16-TM4	Connector Type	NS00FW-M2	Connector Type	NS10FW-CS	Connector Type	NS12FW-CS
Terminal No.	96	Terminal No.	5A	Terminal No.	5B	Terminal No.	7C
Color of Wire	W	Color of Wire	V	Color of Wire	O	Color of Wire	B
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

JCMWM2075GB

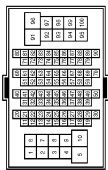

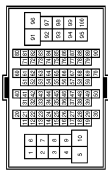





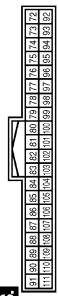







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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

<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>TH80MW-CS1(F)-TMA</td></tr> </table>  	Connector No.	M6	Connector Name	WIRE TO WIRE	Connector Type	TH80MW-CS1(F)-TMA	<table border="1"> <tr><td>Terminal No.</td><td>96</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	96	Color of Wire	W	Signal Name [Specification]	-
Connector No.	M6												
Connector Name	WIRE TO WIRE												
Connector Type	TH80MW-CS1(F)-TMA												
Terminal No.	96												
Color of Wire	W												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>M7</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH80MW-CS1(F)-TMA</td></tr> </table>  	Connector No.	M7	Connector Name	WIRE TO WIRE	Connector Type	TH80MW-CS1(F)-TMA	<table border="1"> <tr><td>Terminal No.</td><td>96</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	96	Color of Wire	O	Signal Name [Specification]	-
Connector No.	M7												
Connector Name	WIRE TO WIRE												
Connector Type	TH80MW-CS1(F)-TMA												
Terminal No.	96												
Color of Wire	O												
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>M03F-B-LC</td></tr> </table>  	Connector No.	M118	Connector Name	BCM (BODY CONTROL MODULE)	Connector Type	M03F-B-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	M03F-B-LC												
Terminal No.	1												
Color of Wire	W												
Signal Name [Specification]	BAT (F/L)												
<table border="1"> <tr><td>Connector No.</td><td>M119</td></tr> <tr><td>Connector Name</td><td>BCM (BODY CONTROL MODULE)</td></tr> <tr><td>Connector Type</td><td>NSJ6FW-CS</td></tr> </table>  	Connector No.	M119	Connector Name	BCM (BODY CONTROL MODULE)	Connector Type	NSJ6FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>11</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>BAT (FUSE)</td></tr> </table>	Terminal No.	11	Color of Wire	R	Signal Name [Specification]	BAT (FUSE)
Connector No.	M119												
Connector Name	BCM (BODY CONTROL MODULE)												
Connector Type	NSJ6FW-CS												
Terminal No.	11												
Color of Wire	R												
Signal Name [Specification]	BAT (FUSE)												
<table border="1"> <tr><td>Connector No.</td><td>M122</td></tr> <tr><td>Connector Name</td><td>BCM (BODY CONTROL MODULE)</td></tr> <tr><td>Connector Type</td><td>TH40FB-NH</td></tr> </table>  	Connector No.	M122	Connector Name	BCM (BODY CONTROL MODULE)	Connector Type	TH40FB-NH	<table border="1"> <tr><td>Terminal No.</td><td>95</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td>ACC RELAY CONT</td></tr> </table>	Terminal No.	95	Color of Wire	O	Signal Name [Specification]	ACC RELAY CONT
Connector No.	M122												
Connector Name	BCM (BODY CONTROL MODULE)												
Connector Type	TH40FB-NH												
Terminal No.	95												
Color of Wire	O												
Signal Name [Specification]	ACC RELAY CONT												
<table border="1"> <tr><td>Connector No.</td><td>M132</td></tr> <tr><td>Connector Name</td><td>FRONT POWER SOCKET</td></tr> <tr><td>Connector Type</td><td>NS03FW-CS</td></tr> </table>  	Connector No.	M132	Connector Name	FRONT POWER SOCKET	Connector Type	NS03FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>3</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	3	Color of Wire	L	Signal Name [Specification]	-
Connector No.	M132												
Connector Name	FRONT POWER SOCKET												
Connector Type	NS03FW-CS												
Terminal No.	3												
Color of Wire	L												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>M142</td></tr> <tr><td>Connector Name</td><td>CONSOLE POWER SOCKET</td></tr> <tr><td>Connector Type</td><td>P02FB-Z</td></tr> </table>  	Connector No.	M142	Connector Name	CONSOLE POWER SOCKET	Connector Type	P02FB-Z	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
Connector No.	M142												
Connector Name	CONSOLE POWER SOCKET												
Connector Type	P02FB-Z												
Terminal No.	1												
Color of Wire	Y												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>M149</td></tr> <tr><td>Connector Name</td><td>REAR POWER SOCKET</td></tr> <tr><td>Connector Type</td><td>P02FB-Z</td></tr> </table>  	Connector No.	M149	Connector Name	REAR POWER SOCKET	Connector Type	P02FB-Z	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1	Color of Wire	O	Signal Name [Specification]	-
Connector No.	M149												
Connector Name	REAR POWER SOCKET												
Connector Type	P02FB-Z												
Terminal No.	1												
Color of Wire	O												
Signal Name [Specification]	-												

JCMWM2076GB

POWER SUPPLY ROUTING CIRCUIT

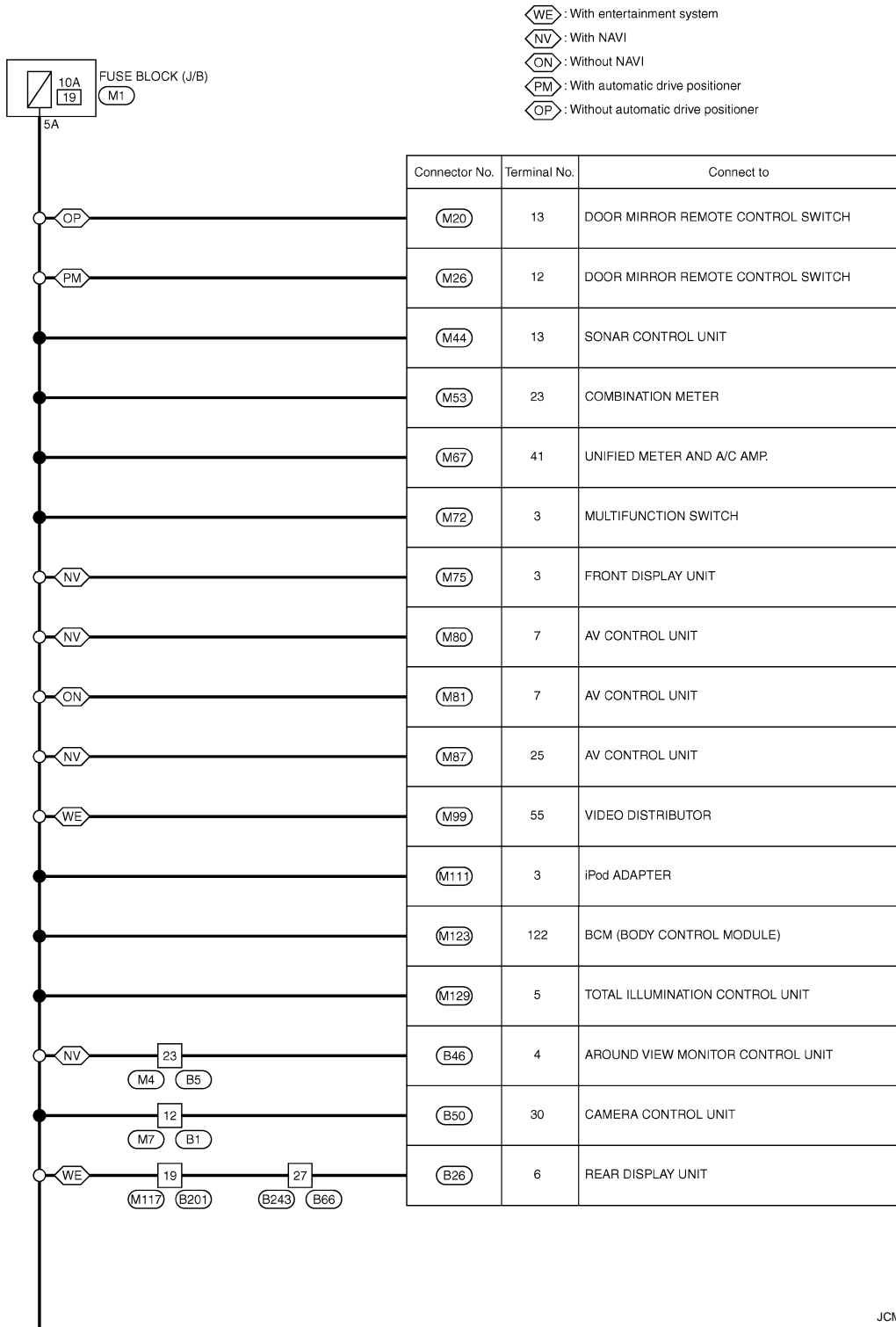
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE No. 19

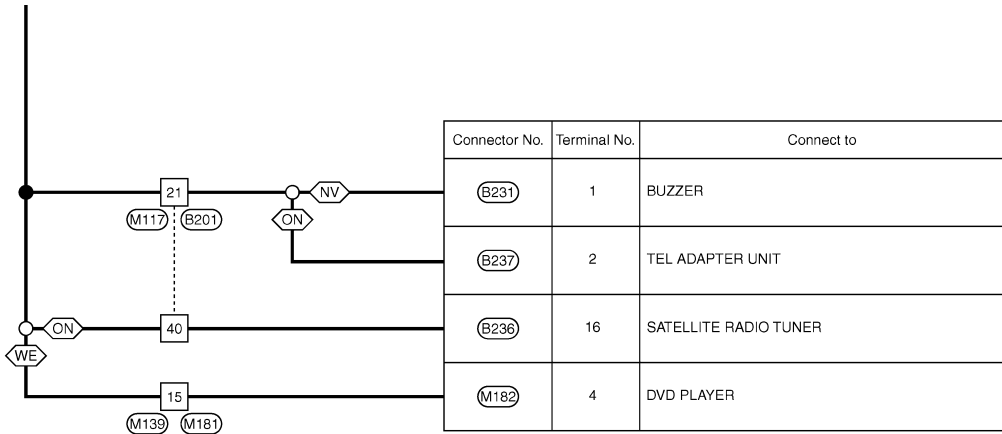


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



Connector No.	Terminal No.	Connect to
(B231)	1	BUZZER
(B237)	2	TEL ADAPTER UNIT
(B236)	16	SATELLITE RADIO TUNER
(M182)	4	DVD PLAYER

2008/03/04

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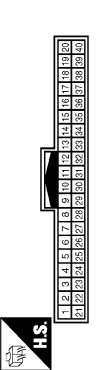
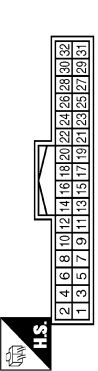
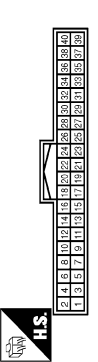
POWER SUPPLY ROUTING CIRCUIT

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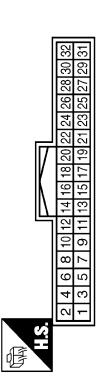
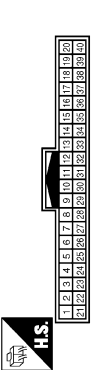
[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	B1	Connector No.	B5	Connector No.	B26	Connector No.	B46
Connector Name	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	REAR DISPLAY UNIT	REAR VIEW MONITOR CONTROL UNIT		
Connector Type	TH80FW-CS16-TM4	TH40MW-NH	TH40MW-NH	TH82FW-NH	TH40FW-NH		
Terminal No.	12	B	23	LG	4	LG	4
Color of Wire	B		LG			LG	ACC
Signal Name [Specification]							



Connector No.	B50	Connector No.	B66	Connector No.	B201	Connector No.	B231
Connector Name	CAMERA CONTROL UNIT	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	BUZZER		
Connector Type	TH82FW-NH	TH40MW-NH	TH40MW-NH	TH80FW-CS16-TM4	RK02FBR-DGY		
Terminal No.	30	B	27	GR	19	V	L
Color of Wire	B		GR		V	L	L
Signal Name [Specification]							



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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No. B236	SATELLITE RADIO TUNER	Connector No. M1	FUSE BLOCK (J/B)
Connector Name A1BFW		Connector Name NS30FW-M2	
Connector Type H.S.		Connector Type H.S.	
Terminal No. 16	V	Terminal No. 5A	V
Color of Wire ACC		Color of Wire Signal Name [Specification]	
Signal Name [Specification]		Signal Name [Specification]	
Diagram	Diagram	Diagram	Diagram
Connector No. B237	TEL ADAPTER UNIT	Connector No. M20	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Name TH40FW-NH		Connector Name TK (BFW)	
Connector Type H.S.		Connector Type H.S.	
Terminal No. 2	LG	Terminal No. 12	V
Color of Wire ACC		Color of Wire Signal Name [Specification]	
Signal Name [Specification]		Signal Name [Specification]	
Diagram	Diagram	Diagram	Diagram
Connector No. B243	WIRE TO WIRE	Connector No. M26	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Name TH40FW-NH		Connector Name TK (BFBR)	
Connector Type H.S.		Connector Type H.S.	
Terminal No. 27	V	Terminal No. 12	V
Color of Wire Signal Name [Specification]		Color of Wire Signal Name [Specification]	
Signal Name [Specification]		Signal Name [Specification]	
Diagram	Diagram	Diagram	Diagram
Connector No. M7	WIRE TO WIRE	Connector No. M26	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Name TH80MW-GS16-TM4		Connector Name TK (BFBR)	
Connector Type H.S.		Connector Type H.S.	
Terminal No. 12	B	Terminal No. 12	V
Color of Wire Signal Name [Specification]		Color of Wire Signal Name [Specification]	
Signal Name [Specification]		Signal Name [Specification]	
Diagram	Diagram	Diagram	Diagram
Connector No. M4	WIRE TO WIRE	Connector No. M26	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Name TH40FW-NH		Connector Name TK (BFBR)	
Connector Type H.S.		Connector Type H.S.	
Terminal No. 23	V	Terminal No. 12	V
Color of Wire Signal Name [Specification]		Color of Wire Signal Name [Specification]	
Signal Name [Specification]		Signal Name [Specification]	
Diagram	Diagram	Diagram	Diagram

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No. M44	SONAR CONTROL UNIT	TH24FW-NH		Terminal No. 13	Color of Wire V	Signal Name [Specification] ACC
Connector No. M44	SONAR CONTROL UNIT	TH24FW-NH		Terminal No. 13	Color of Wire V	Signal Name [Specification] ACC
Connector No. M44	SONAR CONTROL UNIT	TH24FW-NH		Terminal No. 13	Color of Wire V	Signal Name [Specification] ACC
Connector No. M53	COMBINATION METER	TH4GFW-NH		Terminal No. 23	Color of Wire V	Signal Name [Specification] ACC
Connector No. M53	COMBINATION METER	TH4GFW-NH		Terminal No. 23	Color of Wire V	Signal Name [Specification] ACC
Connector No. M67	UNIFIED METER AND A/C AMP.	TH2ZFW-NH		Terminal No. 41	Color of Wire V	Signal Name [Specification] ACC
Connector No. M67	UNIFIED METER AND A/C AMP.	TH2ZFW-NH		Terminal No. 41	Color of Wire V	Signal Name [Specification] ACC
Connector No. M72	MULTIFUNCTION SWITCH	TH18FW-NH		Terminal No. 3	Color of Wire V	Signal Name [Specification] ACC
Connector No. M72	MULTIFUNCTION SWITCH	TH18FW-NH		Terminal No. 3	Color of Wire V	Signal Name [Specification] ACC
Connector No. M75	FRONT DISPLAY UNIT (WITH NAVI)	TH24FW-NH		Terminal No. 3	Color of Wire L	Signal Name [Specification] ACC
Connector No. M75	FRONT DISPLAY UNIT (WITH NAVI)	TH24FW-NH		Terminal No. 3	Color of Wire L	Signal Name [Specification] ACC
Connector No. M80	AV CONTROL UNIT (WITH NAVI)	TH18FW-GS2		Terminal No. 7	Color of Wire SB	Signal Name [Specification] ACC
Connector No. M80	AV CONTROL UNIT (WITH NAVI)	TH18FW-GS2		Terminal No. 7	Color of Wire SB	Signal Name [Specification] ACC
Connector No. M81	AV CONTROL UNIT (WITHOUT NAVI)	TH18FW-GS2		Terminal No. 7	Color of Wire V	Signal Name [Specification] ACC
Connector No. M81	AV CONTROL UNIT (WITHOUT NAVI)	TH18FW-GS2		Terminal No. 7	Color of Wire V	Signal Name [Specification] ACC
Connector No. M87	AV CONTROL UNIT (WITH NAVI)	TH4DFW-NH		Terminal No. 25	Color of Wire V	Signal Name [Specification] ACC
Connector No. M87	AV CONTROL UNIT (WITH NAVI)	TH4DFW-NH		Terminal No. 25	Color of Wire V	Signal Name [Specification] ACC

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No. M99	VIDEO DISTRIBUTOR	Connector No. M111	iPod ADAPTER	Connector No. M117	WIRE TO WIRE	Connector No. M123	BCM (BODY CONTROL MODULE)	Terminal No. 55	Color of Wire SB	Signal Name [Specification] ACC	Terminal No. 3	Color of Wire O	Signal Name [Specification] ACC	Terminal No. 122	Color of Wire V	Signal Name [Specification] ACC F/B
Connector Type TH08FV-NH	TH08FV-NH	Connector Type TH24FV-NH	TH24FV-NH	Connector Type TH02MW-CS18-TM4	TH02MW-CS18-TM4	Connector Type TH40FG-NH	TH40FG-NH	Terminal No. 54	Color of Wire SB	Signal Name [Specification] ACC	Terminal No. 19	Color of Wire LG	Signal Name [Specification] -	Terminal No. 121	Color of Wire V	Signal Name [Specification] -
									Color of Wire SB	Signal Name [Specification] ACC	Terminal No. 15	Color of Wire BR	Signal Name [Specification] -	Terminal No. 4	Color of Wire V	Signal Name [Specification] ACC
Connector No. M129	TOTAL ILLUMINATION CONTROL UNIT	Connector No. M139	WIRE TO WIRE	Connector No. M181	WIRE TO WIRE	Connector No. M182	DVD PLAYER	Terminal No. 5	Color of Wire V	Signal Name [Specification] ACC SIGNAL	Terminal No. 15	Color of Wire BR	Signal Name [Specification] -	Terminal No. 4	Color of Wire V	Signal Name [Specification] ACC
Connector Type TH40FV-NH	TH40FV-NH	Connector Type TH32FV-NH	TH32FV-NH	Connector Type TH32MW-NH	TH32MW-NH	Connector Type TH32FV-NH	TH32FV-NH	Terminal No. 5	Color of Wire V	Signal Name [Specification] ACC SIGNAL	Terminal No. 15	Color of Wire BR	Signal Name [Specification] -	Terminal No. 4	Color of Wire V	Signal Name [Specification] ACC
									Color of Wire V	Signal Name [Specification] ACC SIGNAL	Terminal No. 15	Color of Wire BR	Signal Name [Specification] -	Terminal No. 4	Color of Wire V	Signal Name [Specification] ACC

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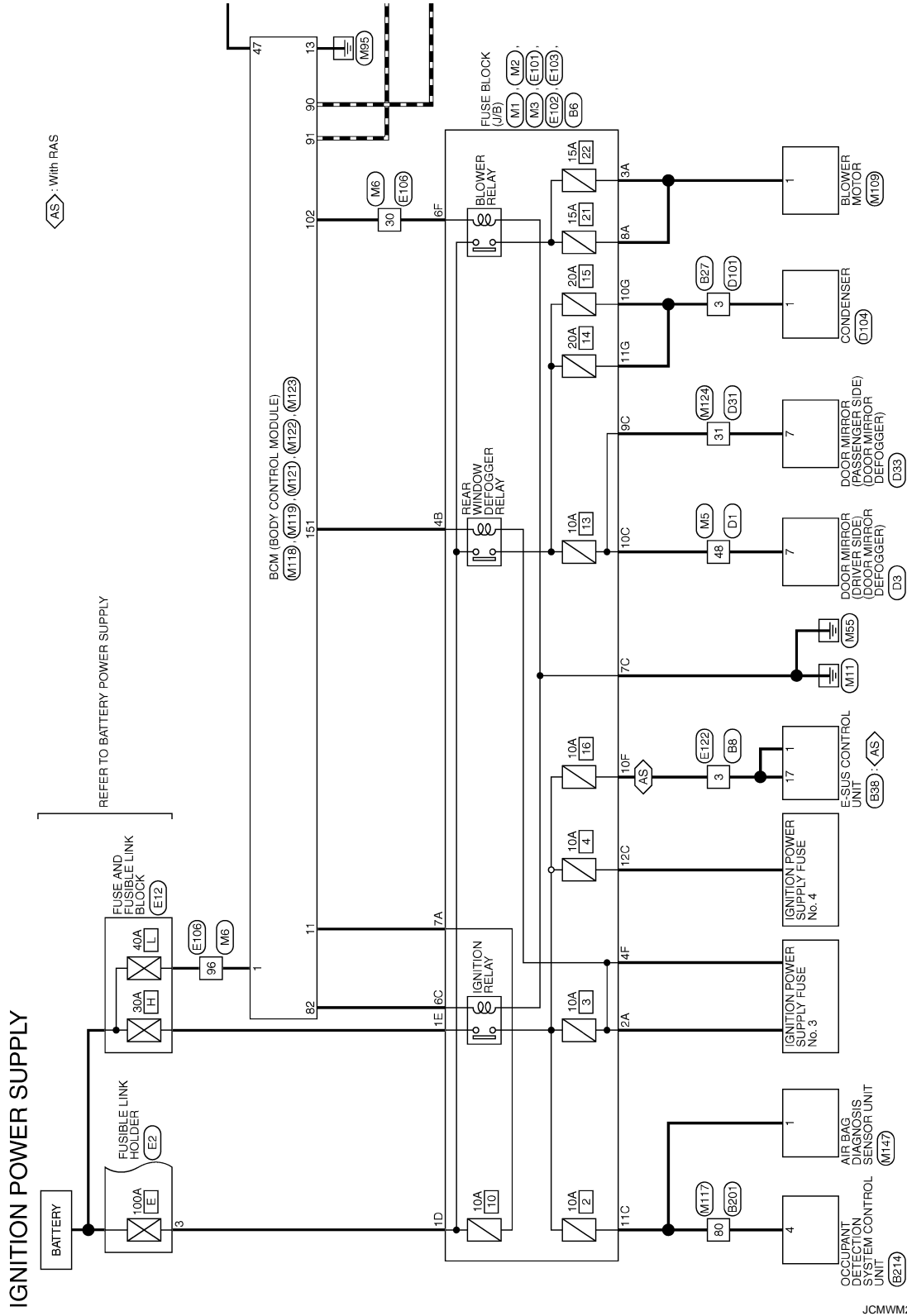
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Wiring Diagram - IGNITION POWER SUPPLY -

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AS: With PAS

REFER TO BATTERY POWER SUPPLY

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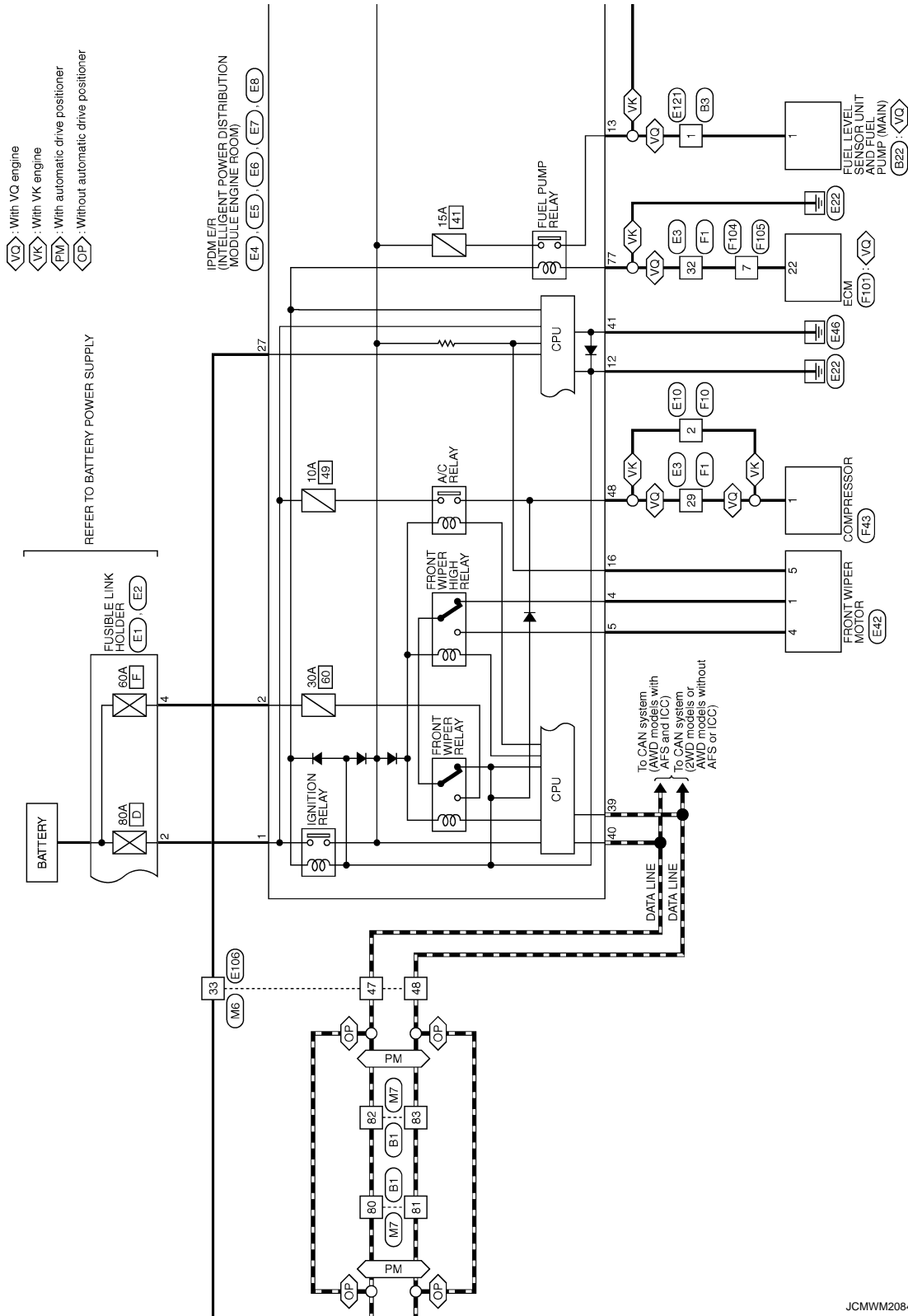
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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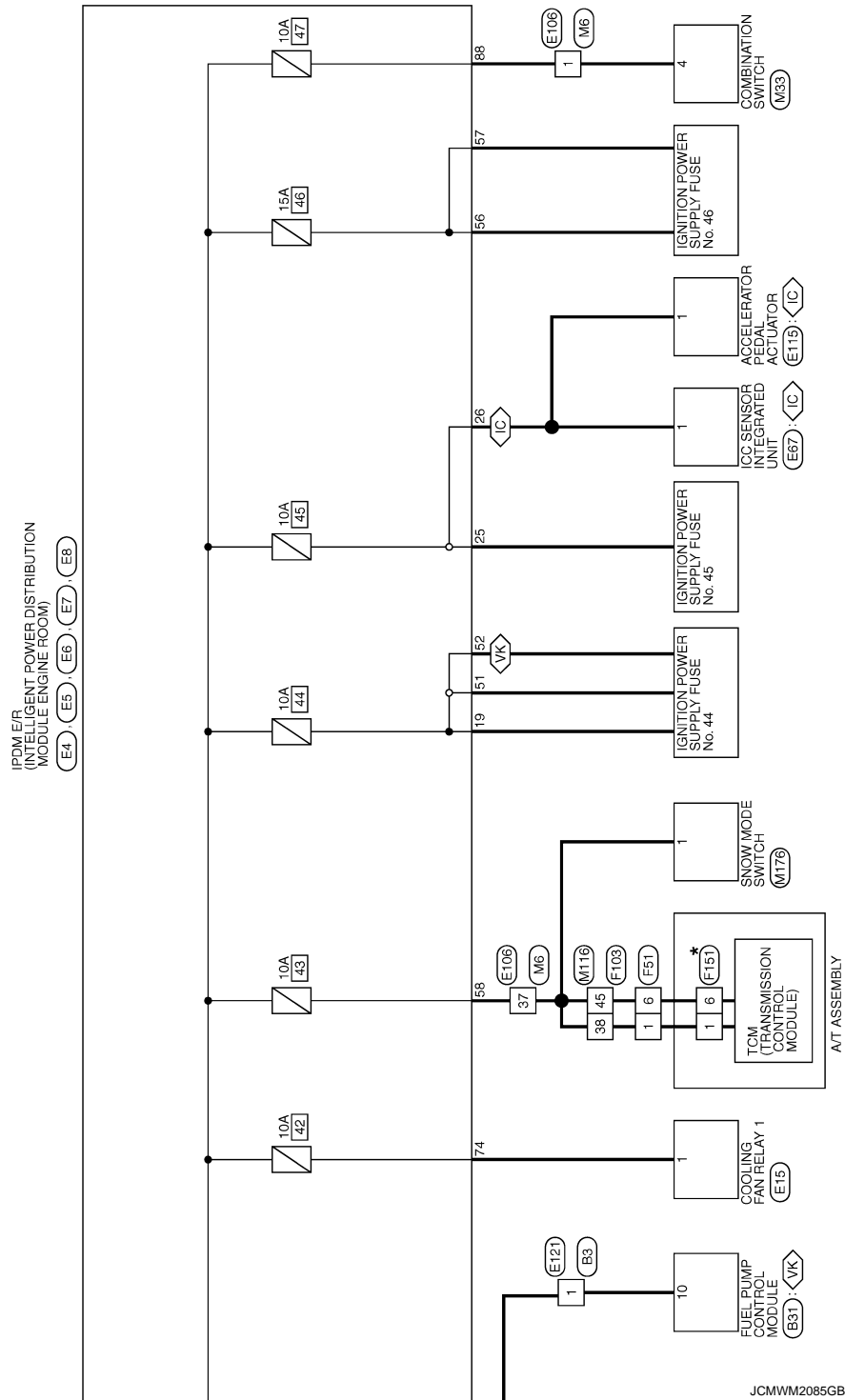
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

VK : With VK engine
IC : With ICC

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
















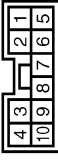

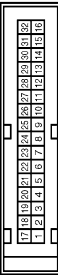


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>B1</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH807V-CS16-TM4</td></tr> </table>  	Connector No.	B1	Connector Name	WIRE TO WIRE	Connector Type	TH807V-CS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>80</td><td>L</td><td>-</td></tr> <tr><td>81</td><td>P</td><td>-</td></tr> <tr><td>82</td><td>L</td><td>-</td></tr> <tr><td>83</td><td>P</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	80	L	-	81	P	-	82	L	-	83	P	-
Connector No.	B1																					
Connector Name	WIRE TO WIRE																					
Connector Type	TH807V-CS16-TM4																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
80	L	-																				
81	P	-																				
82	L	-																				
83	P	-																				
<table border="1"> <tr><td>Connector No.</td><td>B3</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>M02FV-LC</td></tr> </table>  	Connector No.	B3	Connector Name	WIRE TO WIRE	Connector Type	M02FV-LC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>- [With VK engine]</td></tr> <tr><td>2</td><td>L</td><td>- [With VO engine]</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	- [With VK engine]	2	L	- [With VO engine]						
Connector No.	B3																					
Connector Name	WIRE TO WIRE																					
Connector Type	M02FV-LC																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
1	R	- [With VK engine]																				
2	L	- [With VO engine]																				
<table border="1"> <tr><td>Connector No.</td><td>B5</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS12FBR-CS</td></tr> </table>  	Connector No.	B5	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS12FBR-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>10G</td><td>W</td><td>-</td></tr> <tr><td>11G</td><td>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	10G	W	-	11G	W	-						
Connector No.	B5																					
Connector Name	FUSE BLOCK (J/B)																					
Connector Type	NS12FBR-CS																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
10G	W	-																				
11G	W	-																				
<table border="1"> <tr><td>Connector No.</td><td>B3</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>M06MW-LC</td></tr> </table>  	Connector No.	B3	Connector Name	WIRE TO WIRE	Connector Type	M06MW-LC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>-</td></tr> <tr><td>2</td><td>L</td><td>-</td></tr> <tr><td>3</td><td>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	-	2	L	-	3	W	-			
Connector No.	B3																					
Connector Name	WIRE TO WIRE																					
Connector Type	M06MW-LC																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
1	R	-																				
2	L	-																				
3	W	-																				
<table border="1"> <tr><td>Connector No.</td><td>B22</td></tr> <tr><td>Connector Name</td><td>FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)</td></tr> <tr><td>Connector Type</td><td>EO3FGY-RS</td></tr> </table>  	Connector No.	B22	Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)	Connector Type	EO3FGY-RS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>L</td><td>- [With VO engine]</td></tr> <tr><td>2</td><td>BR</td><td>- [With VK engine]</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	- [With VO engine]	2	BR	- [With VK engine]						
Connector No.	B22																					
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)																					
Connector Type	EO3FGY-RS																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
1	L	- [With VO engine]																				
2	BR	- [With VK engine]																				
<table border="1"> <tr><td>Connector No.</td><td>B27</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>M06MW-LC</td></tr> </table>  	Connector No.	B27	Connector Name	WIRE TO WIRE	Connector Type	M06MW-LC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>-</td></tr> <tr><td>2</td><td>L</td><td>-</td></tr> <tr><td>3</td><td>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	-	2	L	-	3	W	-			
Connector No.	B27																					
Connector Name	WIRE TO WIRE																					
Connector Type	M06MW-LC																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
1	R	-																				
2	L	-																				
3	W	-																				
<table border="1"> <tr><td>Connector No.</td><td>B31</td></tr> <tr><td>Connector Name</td><td>FUEL PUMP CONTROL MODULE</td></tr> <tr><td>Connector Type</td><td>TM10FB</td></tr> </table>  	Connector No.	B31	Connector Name	FUEL PUMP CONTROL MODULE	Connector Type	TM10FB	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>10</td><td>R</td><td>BATTERY</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	10	R	BATTERY									
Connector No.	B31																					
Connector Name	FUEL PUMP CONTROL MODULE																					
Connector Type	TM10FB																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
10	R	BATTERY																				
<table border="1"> <tr><td>Connector No.</td><td>B38</td></tr> <tr><td>Connector Name</td><td>E-SUS CONTROL UNIT</td></tr> <tr><td>Connector Type</td><td>AAB32FL</td></tr> </table>  	Connector No.	B38	Connector Name	E-SUS CONTROL UNIT	Connector Type	AAB32FL	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>17</td><td>L</td><td>IGN1</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	17	L	IGN1									
Connector No.	B38																					
Connector Name	E-SUS CONTROL UNIT																					
Connector Type	AAB32FL																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
17	L	IGN1																				
<table border="1"> <tr><td>Connector No.</td><td>B1</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>NS12FBR-CS</td></tr> </table>  	Connector No.	B1	Connector Name	WIRE TO WIRE	Connector Type	NS12FBR-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>3</td><td>L</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	3	L	-									
Connector No.	B1																					
Connector Name	WIRE TO WIRE																					
Connector Type	NS12FBR-CS																					
Terminal No.	Color of Wire	Signal Name [Specification]																				
3	L	-																				



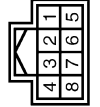
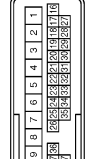
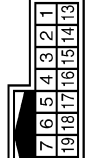



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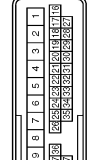
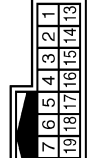





POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	B201	Connector No.	B214	Connector No.	D1	Connector No.	D3
Connector Name	WIRE TO WIRE	CONNECTANT DETECTION SYSTEM CONTROL UNIT	WIRE TO WIRE	WIRE TO WIRE	DOOR MIRROR (DRIVER SIDE)	DOOR MIRROR (DRIVER SIDE)	DOOR MIRROR (DRIVER SIDE)
Connector Type	THB0FW-CS16-TM4	TH06FW-NH	TH40FW-CS15	TH40FW-CS15	TH40FW-NH	TH40FW-NH	TH40FW-NH
							
Terminal No.	80	4	48	3	7	7	7
Color of Wire	O	O	GR	R	GR	GR	GR
Signal Name [Specification]	-	IGN	-	-	-	-	-

Connector No.	D31	Connector No.	D33	Connector No.	D101	Connector No.	D104
Connector Name	WIRE TO WIRE	DOOR MIRROR (PASSENGER SIDE)	DOOR MIRROR (PASSENGER SIDE)	WIRE TO WIRE	WIRE TO WIRE	CONDENSER	CONDENSER
Connector Type	TH40FW-CS15	TH40FW-NH	TH40FW-NH	M06FW-LC	M06FW-LC	P01FB-A	P01FB-A
							
Terminal No.	31	7	3	1	1	1	1
Color of Wire	LG	LG	R	R	R	R	R
Signal Name [Specification]	-	-	-	-	-	-	-

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POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



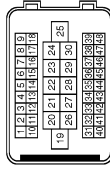
Terminal No.	2	Color of Wire	W	Signal Name [Specification]	-
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Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FGY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38ME-RS10-SJZ2



Terminal No.	29	Color of Wire	L	Signal Name [Specification]	-
Terminal No.	32	Color of Wire	L	Signal Name [Specification]	-

Connector No.	E4
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	L02FEB-MC



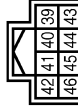
Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
Terminal No.	2	Color of Wire	L	Signal Name [Specification]	-

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



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

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



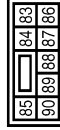
Terminal No.	39	Color of Wire	P	Signal Name [Specification]	-
Terminal No.	40	Color of Wire	L	Signal Name [Specification]	-
Terminal No.	41	Color of Wire	B	Signal Name [Specification]	-

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



Terminal No.	48	Color of Wire	L	Signal Name [Specification]	-
Terminal No.	51	Color of Wire	G	Signal Name [Specification]	-
Terminal No.	52	Color of Wire	W	Signal Name [Specification]	-
Terminal No.	56	Color of Wire	V	Signal Name [Specification]	- [With VQ engine]
Terminal No.	56	Color of Wire	O	Signal Name [Specification]	- [With VK engine]
Terminal No.	57	Color of Wire	R	Signal Name [Specification]	- [With VQ engine]
Terminal No.	57	Color of Wire	LG	Signal Name [Specification]	- [With VK engine]
Terminal No.	58	Color of Wire	Y	Signal Name [Specification]	-
Terminal No.	74	Color of Wire	G	Signal Name [Specification]	- [With VQ engine]
Terminal No.	77	Color of Wire	L	Signal Name [Specification]	- [With VK engine]
Terminal No.	77	Color of Wire	B	Signal Name [Specification]	- [With VK engine]

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




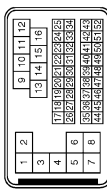













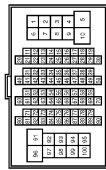
Terminal No.	88	Color of Wire	G	Signal Name [Specification]	-
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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY

Connector No.	E10	Connector No.	E15	Connector No.	E42	Connector No.	E67
Connector Name	WIRE TO WIRE	Connector Name	COOLING FAN RELAY1	Connector Name	FRONT WIPER MOTOR	Connector Name	ICC SENSOR INTEGRATED UNIT
Connector Type	SAA33MB-FSZ-S4Z8	Connector Type	Z4347_9F500	Connector Type	HSBFGY	Connector Type	RS08FB-FR
							
Terminal No.	2	Terminal No.	1	Terminal No.	1	Terminal No.	1
Color of Wire	L	Color of Wire	G	Color of Wire	V	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGNITION
Connector No.	E101	Connector No.	E102	Connector No.	E103	Connector No.	E108
Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)	Connector Name	WIRE TO WIRE
Connector Type	LO-FW-MC	Connector Type	M02FB-LC	Connector Type	NSJ8FW-CS	Connector Type	TH8DFW-CS16-TM4
							
Terminal No.	1D	Terminal No.	TE	Terminal No.	4F	Terminal No.	1
Color of Wire	R	Color of Wire	GR	Color of Wire	G	Color of Wire	G
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	30	Terminal No.	6F	Terminal No.	10F	Terminal No.	30
Color of Wire	O	Color of Wire	O	Color of Wire	L	Color of Wire	O
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	37	Terminal No.	10F	Terminal No.	10F	Terminal No.	33
Color of Wire	Y	Color of Wire	L	Color of Wire	L	Color of Wire	Y
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	47	Terminal No.	10F	Terminal No.	10F	Terminal No.	37
Color of Wire	L	Color of Wire	L	Color of Wire	L	Color of Wire	Y
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	48	Terminal No.	10F	Terminal No.	10F	Terminal No.	47
Color of Wire	P	Color of Wire	L	Color of Wire	L	Color of Wire	L
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	96	Terminal No.	10F	Terminal No.	10F	Terminal No.	48
Color of Wire	W	Color of Wire	L	Color of Wire	L	Color of Wire	P
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E115
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	KD20FB



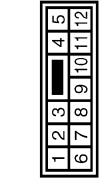
Terminal No.	1	R	IGNITION
Color of Wire			
Signal Name [Specification]			

Connector No.	E121
Connector Name	WIRE TO WIRE
Connector Type	M02MW-LC



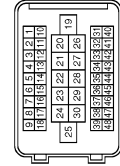
Terminal No.	1	Y	
Color of Wire			
Signal Name [Specification]			

Connector No.	E122
Connector Name	WIRE TO WIRE
Connector Type	NS12MFR-CS



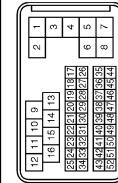
Terminal No.	3	L	
Color of Wire			
Signal Name [Specification]			

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS10-SJZZ



Terminal No.	29	L	
Color of Wire			
Signal Name [Specification]			
Terminal No.	32	LG	
Color of Wire			
Signal Name [Specification]			

Connector No.	F10
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RSB-SHZ8



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

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



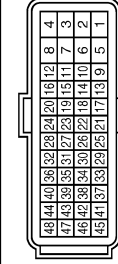
Terminal No.	1	L	
Color of Wire			
Signal Name [Specification]			
Terminal No.	1	Y	
Color of Wire			
Signal Name [Specification]			
Terminal No.	1	Y	
Color of Wire			
Signal Name [Specification]			

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



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

Connector No.	F101
Connector Name	ECM (WITH VQ ENGINE)
Connector Type	RH40FB-R28-L-LH-Z



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

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY

Connector No. F103	WIRE TO WIRE	TKGBFW-NS10	Terminal No. 38	Color of Wire Y	Signal Name [Specification]	Terminal No. 45	Color of Wire Y	Signal Name [Specification]
Connector Name TGM (TRANSMISSION CONTROL MODULE)	Connector Type SF10FG							
Connector No. F104	WIRE TO WIRE	THGDFW-NH	Terminal No. 7	Color of Wire LG	Signal Name [Specification]	Terminal No. 7	Color of Wire LG	Signal Name [Specification]
Connector Name TGM (TRANSMISSION CONTROL MODULE)	Connector Type SF10FG							
Connector No. F105	WIRE TO WIRE	THGBMW-NH	Terminal No. 7	Color of Wire LG	Signal Name [Specification]	Terminal No. 7	Color of Wire LG	Signal Name [Specification]
Connector Name TGM (TRANSMISSION CONTROL MODULE)	Connector Type SF10FG							
Connector No. F151	WIRE TO WIRE	SP10FG	Terminal No. 6	Color of Wire GR	Signal Name [Specification]	Terminal No. 6	Color of Wire GR	Signal Name [Specification]
Connector Name TGM (TRANSMISSION CONTROL MODULE)	Connector Type SF10FG							
Connector No. M1	FUSE BLOCK (J/B)	NSDBFW-M2	Terminal No. 3A	Color of Wire L	Signal Name [Specification]	Terminal No. 2A	Color of Wire G	Signal Name [Specification]
Connector Name FUZE BLOCK (J/B)	Connector Type NS10FW-CS							
Connector No. M2	FUSE BLOCK (J/B)	NS10FW-CS	Terminal No. 4B	Color of Wire G	Signal Name [Specification]	Terminal No. 4B	Color of Wire G	Signal Name [Specification]
Connector Name FUZE BLOCK (J/B)	Connector Type NS12FW-CS							
Connector No. M3	FUSE BLOCK (J/B)	NS12FW-CS	Terminal No. 6C	Color of Wire P	Signal Name [Specification]	Terminal No. 7C	Color of Wire B	Signal Name [Specification]
Connector Name FUZE BLOCK (J/B)	Connector Type NS12FW-CS							
Connector No. M5	WIRE TO WIRE	TH4DMW-CS15	Terminal No. 48	Color of Wire L	Signal Name [Specification]	Terminal No. 48	Color of Wire L	Signal Name [Specification]
Connector Name FUZE BLOCK (J/B)	Connector Type NS10FW-CS							

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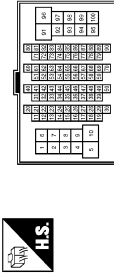
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

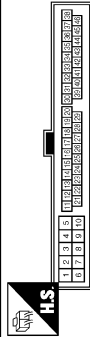
IGNITION POWER SUPPLY

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



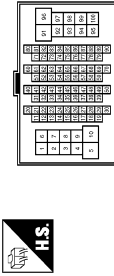
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
30	O	-
33	Y	-
37	G	-
47	L	-
48	P	-
96	W	-

Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Type	TK36MW-NS10



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

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



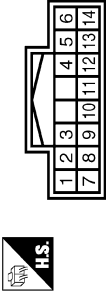
Terminal No.	Color of Wire	Signal Name [Specification]
80	L	-
81	P	-
82	L	-
83	P	-

Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

Connector No.	M33
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-RH



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

Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MD3FE-LC



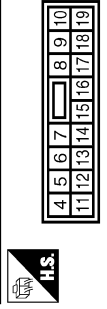
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BAT (F/L)

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	NS33FW-M3



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY

Connector No.	M121	Connector No.	M122	Connector No.	M123	Connector No.	M124
Connector Name	BCM (BODY CONTROL MODULE)	BCM (BODY CONTROL MODULE)	BCM (BODY CONTROL MODULE)	WIRE TO WIRE	BCM (BODY CONTROL MODULE)	BCM (BODY CONTROL MODULE)	WIRE TO WIRE
Connector Type	TH40FG-NH	TH40FP-NH	TH40FG-NH	TH40MF-CS15	TH40FG-NH	TH40MF-CS15	TH40MF-CS15

Terminal No.	47	Terminal No.	82	Terminal No.	151	Terminal No.	31
Color of Wire	Y	Color of Wire	P	Color of Wire	G	Color of Wire	O
Signal Name [Specification]	IGN RELAY (PPDM E/R) CONT	Signal Name [Specification]	IGN RELAY (F/B) CONT	Signal Name [Specification]	REAR WINDOW DEFOGGER RELAY CONT	Signal Name [Specification]	

Terminal No.	20	Terminal No.	90	Terminal No.	91	Terminal No.	102
Color of Wire		Color of Wire	P	Color of Wire	L	Color of Wire	O
Signal Name [Specification]		Signal Name [Specification]	CAN-L	Signal Name [Specification]	CAN-H	Signal Name [Specification]	BLOWER FAN MOTOR RELAY CONT

Terminal No.	20	Terminal No.	21	Terminal No.	17	Terminal No.	24	Terminal No.	49	Terminal No.	1
Color of Wire		Color of Wire		Color of Wire		Color of Wire		Color of Wire		Color of Wire	
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	IGN

Connector No.	M147	Connector No.	M176
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT	Connector Name	SNOW MODE SWITCH
Connector Type	TK28FY-EK-SC	Connector Type	TK08FW

Terminal No.	20	Terminal No.	21	Terminal No.	17	Terminal No.	24	Terminal No.	49	Terminal No.	1
Color of Wire		Color of Wire		Color of Wire		Color of Wire		Color of Wire		Color of Wire	
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

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

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POWER SUPPLY ROUTING CIRCUIT

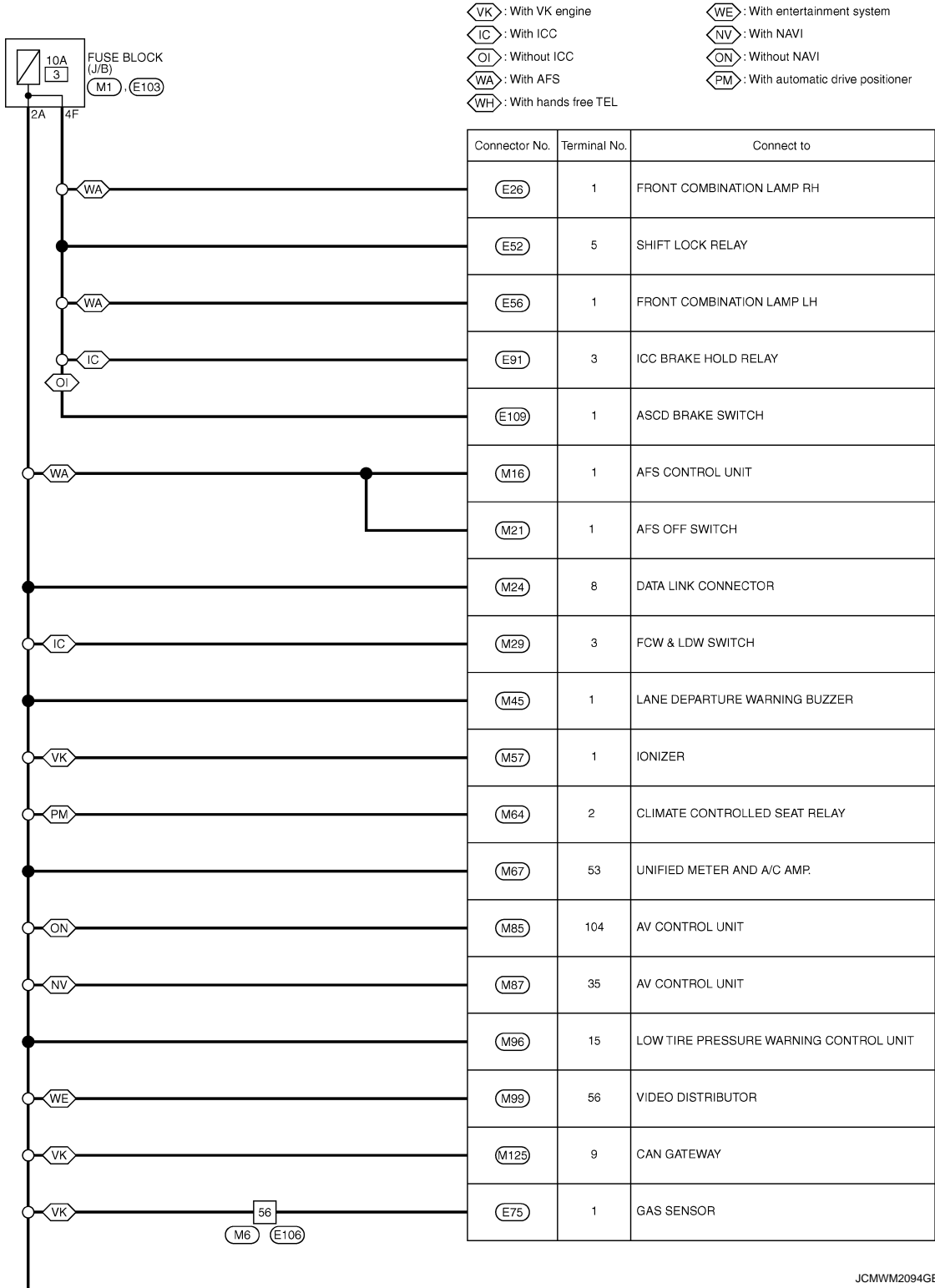
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

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IGNITION POWER SUPPLY FUSE No. 3

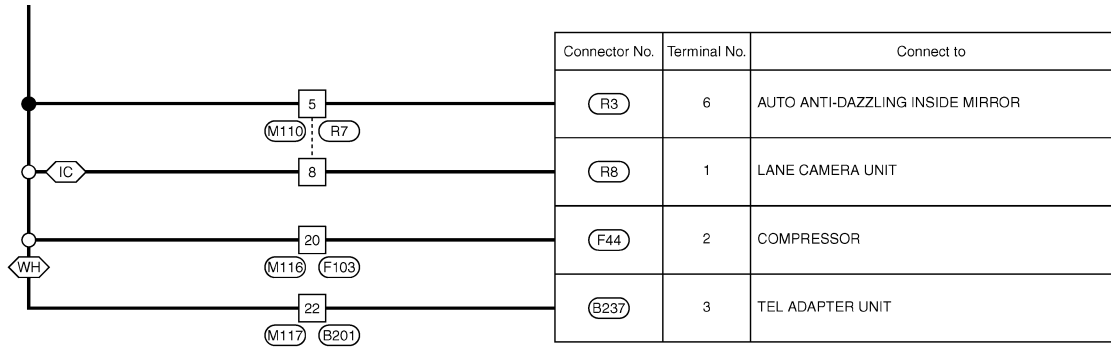


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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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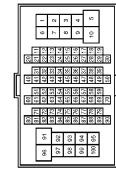
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

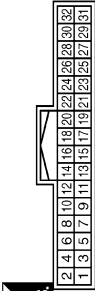
IGNITION POWER SUPPLY FUSE No. 3

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



Terminal No.	Color of Wire	Signal Name [Specification]
22	B	- [With entertainment system]
22	W	- [Without entertainment system]

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH42FW-NH



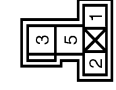
Terminal No.	Color of Wire	Signal Name [Specification]
3	W	IGNITION

Connector No.	E26
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RK03FB



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

Connector No.	E32
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02FL-M2-LC



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

Connector No.	E56
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RK03FB



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

Connector No.	E75
Connector Name	GAS SENSOR
Connector Type	RH02FB



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

Connector No.	E91
Connector Name	(CC) BRAKE HOLD RELAY
Connector Type	MD6FGY-R-US



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

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



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

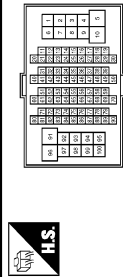
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

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



Terminal No.	56	Y	
Color of Wire			
Signal Name [Specification]			

Connector No.	E109
Connector Name	ASCO BRAKE SWITCH (WITHOUT ICC)
Connector Type	M02FBR-LC



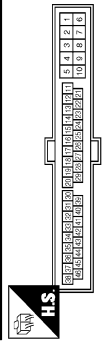
Terminal No.	1	G	
Color of Wire			
Signal Name [Specification]			

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	FRGZFGY



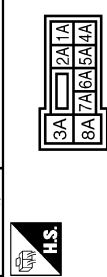
Terminal No.	2	Y	
Color of Wire			
Signal Name [Specification]			

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



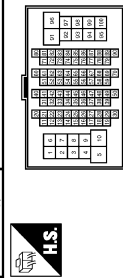
Terminal No.	20	Y	
Color of Wire			
Signal Name [Specification]			

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



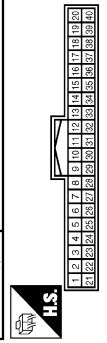
Terminal No.	2A	G	
Color of Wire			
Signal Name [Specification]			

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



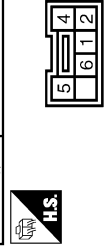
Terminal No.	56	Y	
Color of Wire			
Signal Name [Specification]			

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



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

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



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

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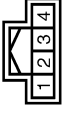
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M67
Connector Name	IONIZER
Connector Type	TH04FW-NH



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

Connector No.	M45
Connector Name	LANE DEPARTURE WARNING BUZZER
Connector Type	NS04FBR-CS


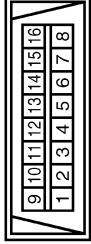
Terminal No.	1	Y
Color of Wire		
Signal Name [Specification]		-

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


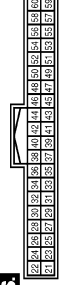
Terminal No.	3	Y
Color of Wire		
Signal Name [Specification]		-

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


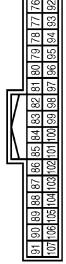
Terminal No.	8	G
Color of Wire		
Signal Name [Specification]		-

Connector No.	M67
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH


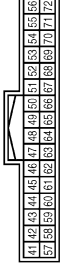
Terminal No.	35	G
Color of Wire		
Signal Name [Specification]		IGNITION

Connector No.	M85
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH32FW-NH



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

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

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

Connector No.	M64
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M08FBR-R-LC

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

JCMWM2098GB

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK36MF-NS10

Terminal No.	20	Y	Signal Name [Specification]
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Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH16MF-NH

Terminal No.	5	BR	Signal Name [Specification]
	8	LG	

Connector No.	M89
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH06FP-NH

Terminal No.	56	G	Signal Name [Specification]
			IGNITION

Connector No.	M96
Connector Name	LOW TIRE PRESSURE WARNING CONTROL UNIT
Connector Type	TH22FV-NH

Terminal No.	15	Y	Signal Name [Specification]
			IGN

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

Terminal No.	5	BR	Signal Name [Specification]
	8	Y	

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

Terminal No.	6	BR	Signal Name [Specification]
			IGN

Connector No.	M125
Connector Name	CAN GATEWAY
Connector Type	TH12FW-NH

Terminal No.	9	LG	Signal Name [Specification]
			IGNITION

Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST16-TM4

Terminal No.	22	B	Signal Name [Specification]
			-(With entertainment system)

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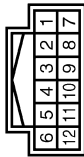
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	R8
Connector Name	LANE CAMERA UNIT
Connector Type	TH2FV-RH



Terminal No.	Color of Wire	Signal Name (Specification)
1	Y	IGN

JCMWM2100GB


POWER SUPPLY ROUTING CIRCUIT

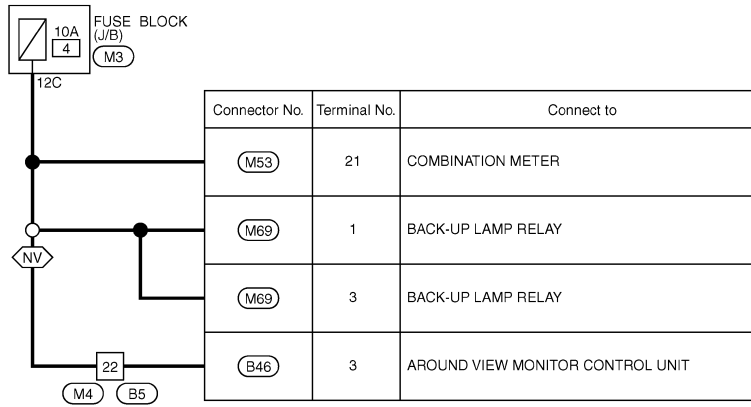
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

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 : With NAVI



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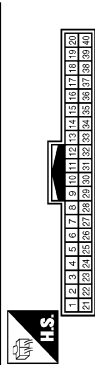
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

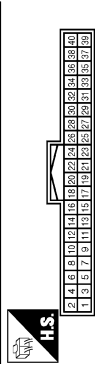
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



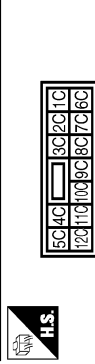
Terminal No.	22	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	B46
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



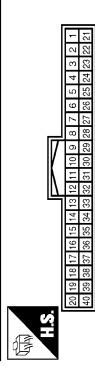
Terminal No.	3	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-GS



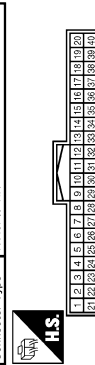
Terminal No.	12C	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



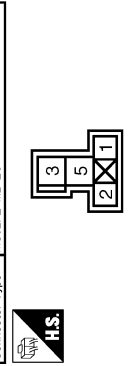
Terminal No.	22	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH



Terminal No.	21	Color of Wire	R	Signal Name [Specification]	IGN
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Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-M2-LC



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

JCMWM2102GB

POWER SUPPLY ROUTING CIRCUIT

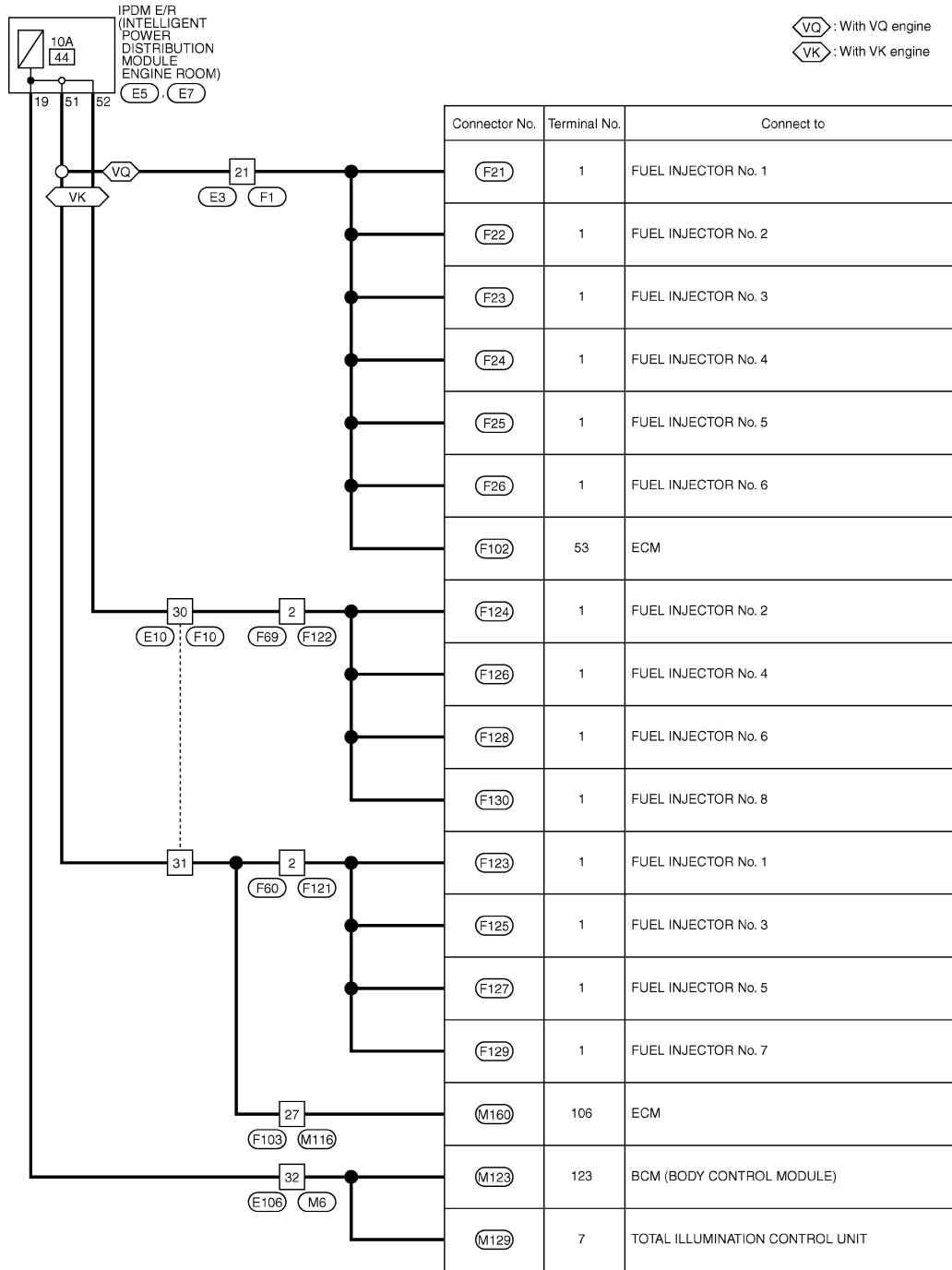
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

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IGNITION POWER SUPPLY FUSE No. 44



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JCMWM2103GB

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS8-SHZ8

Terminal No.	Color of Wire	Signal Name [Specification]
30	W	
31	G	

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH60FW-CS12-M4

Terminal No.	Color of Wire	Signal Name [Specification]
51	G	
52	W	

Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH60FW-CS12-M4-1V

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

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

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

Connector No.	F21
Connector Name	FUEL INJECTOR No. 1 (WITH VQ ENGINE)
Connector Type	HS02FGY

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

Connector No.	F10
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS8-SHZ8

Terminal No.	Color of Wire	Signal Name [Specification]
30	GR	
31	BR	

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS10-SJZZ

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

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

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



POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F22	FUEL INJECTOR No. 2 (WITH VQ ENGINE)	Color of Wire	P	Signal Name [Specification]	
Connector Name						
Connector Type	HS02FGY					



Terminal No.	I	P	Signal Name [Specification]	

Connector No.	F23	FUEL INJECTOR No. 3 (WITH VQ ENGINE)	Color of Wire	P	Signal Name [Specification]	
Connector Name						
Connector Type	HS02FGY					



Terminal No.	I	P	Signal Name [Specification]	

Connector No.	F24	FUEL INJECTOR No. 4 (WITH VQ ENGINE)	Color of Wire	P	Signal Name [Specification]	
Connector Name						
Connector Type	HS02FGY					



Terminal No.	I	P	Signal Name [Specification]	

Connector No.	F25	FUEL INJECTOR No. 5 (WITH VQ ENGINE)	Color of Wire	P	Signal Name [Specification]	
Connector Name						
Connector Type	HS02FGY					



Terminal No.	I	P	Signal Name [Specification]	

Connector No.	F26	FUEL INJECTOR No. 6 (WITH VQ ENGINE)	Color of Wire	P	Signal Name [Specification]	
Connector Name						
Connector Type	HS02FGY					



Terminal No.	I	P	Signal Name [Specification]	

Connector No.	F60	WIRE TO WIRE	Color of Wire	BR	Signal Name [Specification]	
Connector Name						
Connector Type	RH06FB					


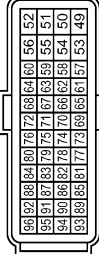
Terminal No.	2	BR	Signal Name [Specification]	

Connector No.	F69	WIRE TO WIRE	Color of Wire	GR	Signal Name [Specification]	
Connector Name						
Connector Type	RH06FB					

Terminal No.	2	GR	Signal Name [Specification]	

Connector No.	F102	ECM (WITH VQ ENGINE)	Color of Wire	P	Signal Name [Specification]	IGNSW
Connector Name						
Connector Type	RH40FBR-R28-LH-Z					

Terminal No.	53	P	Signal Name [Specification]	

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POWER SUPPLY ROUTING CIRCUIT

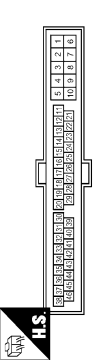
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F103	Connector No.	F121	Connector No.	F122	Connector No.	F123
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	FUEL INJECTOR No. 1 (WITH VK ENGINE)
Connector Type	TK26FW-NS10	Connector Type	FR40BMB	Connector Type	FR40BMB	Connector Type	HS02FGY

Terminal No.	27	Terminal No.	2	Terminal No.	2	Terminal No.	1
Color of Wire	L	Color of Wire	W	Color of Wire	W	Color of Wire	W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-



Connector No.	F124	Connector No.	F125	Connector No.	F126	Connector No.	F127
Connector Name	FUEL INJECTOR No. 2 (WITH VK ENGINE)	Connector Name	FUEL INJECTOR No. 3 (WITH VK ENGINE)	Connector Name	FUEL INJECTOR No. 4 (WITH VK ENGINE)	Connector Name	FUEL INJECTOR No. 5 (WITH VK ENGINE)
Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	HS02FGY

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



JCMWM2106GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F128
Connector Name	FUEL INJECTOR No. 6 (WITH V6 ENGINE)
Connector Type	HSZDFGY



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

Connector No.	F129
Connector Name	FUEL INJECTOR No. 7
Connector Type	HSZDFGY



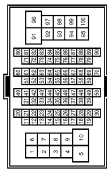
Terminal No.	1
Color of Wire	W
Signal Name [Specification]	-

Connector No.	F130
Connector Name	FUEL INJECTOR No. 8
Connector Type	HSZDFGY



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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TR60MP-CS16-TM4



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

Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Type	TK35MW-NS10



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

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH4DFG-NH



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

Connector No.	M129
Connector Name	TOTAL ILLUMINATION CONTROL UNIT
Connector Type	TH4DFW-NH



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

Connector No.	M160
Connector Name	ECM (WITH V6 ENGINE)
Connector Type	RH2AFGY-RZ8-F-LH-Z



Terminal No.	106
Color of Wire	L
Signal Name [Specification]	IGNSW

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POWER SUPPLY ROUTING CIRCUIT

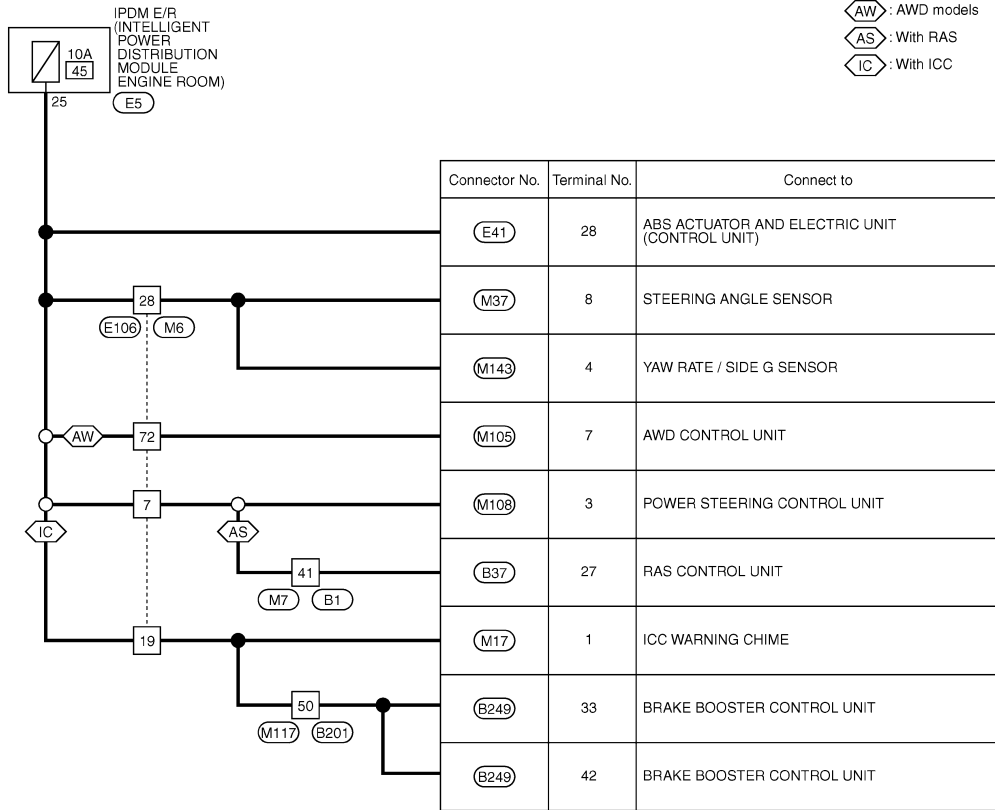
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

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IGNITION POWER SUPPLY FUSE No. 45



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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 45

Connector No. B1	WIRE TO WIRE THB0FW-CS16-TM4		Terminal No. 41	Color of Wire G	Signal Name [Specification] -
Connector No. B37	IRAS CONTROL UNIT A3BFW-IM4		Terminal No. 27	Color of Wire G	Signal Name [Specification] IGN
Connector No. B201	WIRE TO WIRE THB0FW-CS16-TM4		Terminal No. 50	Color of Wire G	Signal Name [Specification] - [With ICC]
Connector No. E249	BRAKE BOOSTER CONTROL UNIT TK24FGY		Terminal No. 33	Color of Wire G	Signal Name [Specification] IGNITION
Connector No. E5	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM) THB0FW-CS12-M4-TV		Terminal No. 25	Color of Wire G	Signal Name [Specification] -
Connector No. E41	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) BAA42FB-AH24-LH		Terminal No. 28	Color of Wire G	Signal Name [Specification] UZ
Connector No. E106	WIRE TO WIRE THB0FW-CS16-TM4		Terminal No. 7	Color of Wire G	Signal Name [Specification] -
Connector No. M6	WIRE TO WIRE THB0MW-CS16-TM4		Terminal No. 19	Color of Wire G	Signal Name [Specification] -
Connector No. M6	WIRE TO WIRE THB0MW-CS16-TM4		Terminal No. 28	Color of Wire GR	Signal Name [Specification] -
Connector No. M6	WIRE TO WIRE THB0MW-CS16-TM4		Terminal No. 72	Color of Wire GR	Signal Name [Specification] -

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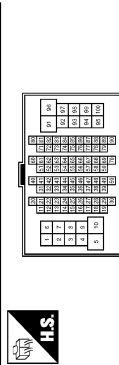
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

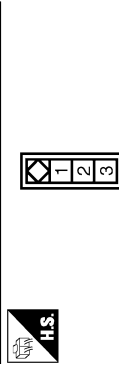
IGNITION POWER SUPPLY FUSE No. 45

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



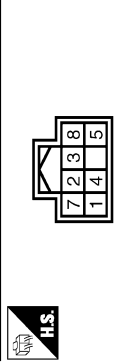
Terminal No.	41	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M17
Connector Name	ICC WARNING CHIME
Connector Type	A03FW



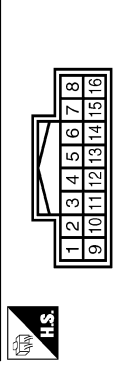
Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH80FW-NH



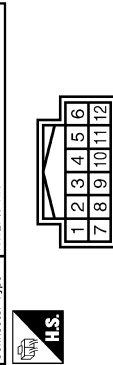
Terminal No.	8	Color of Wire	GR	Signal Name [Specification]	IGN
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Connector No.	M105
Connector Name	AWD CONTROL UNIT
Connector Type	TH18FW-NH



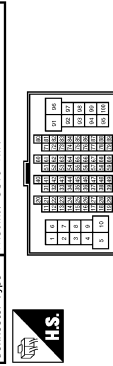
Terminal No.	7	Color of Wire	GR	Signal Name [Specification]	IGN
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Connector No.	M108
Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH12FW-NH



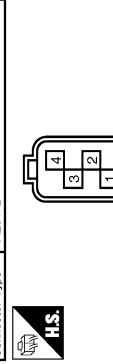
Terminal No.	3	Color of Wire	G	Signal Name [Specification]	IGN
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Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	50	Color of Wire	G	Signal Name [Specification]	- [With ICC]
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Connector No.	M143
Connector Name	YAW RATE / SIDE G SENSOR
Connector Type	AAZ04FB



Terminal No.	4	Color of Wire	G	Signal Name [Specification]	12V
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JCMWM2110GB

POWER SUPPLY ROUTING CIRCUIT

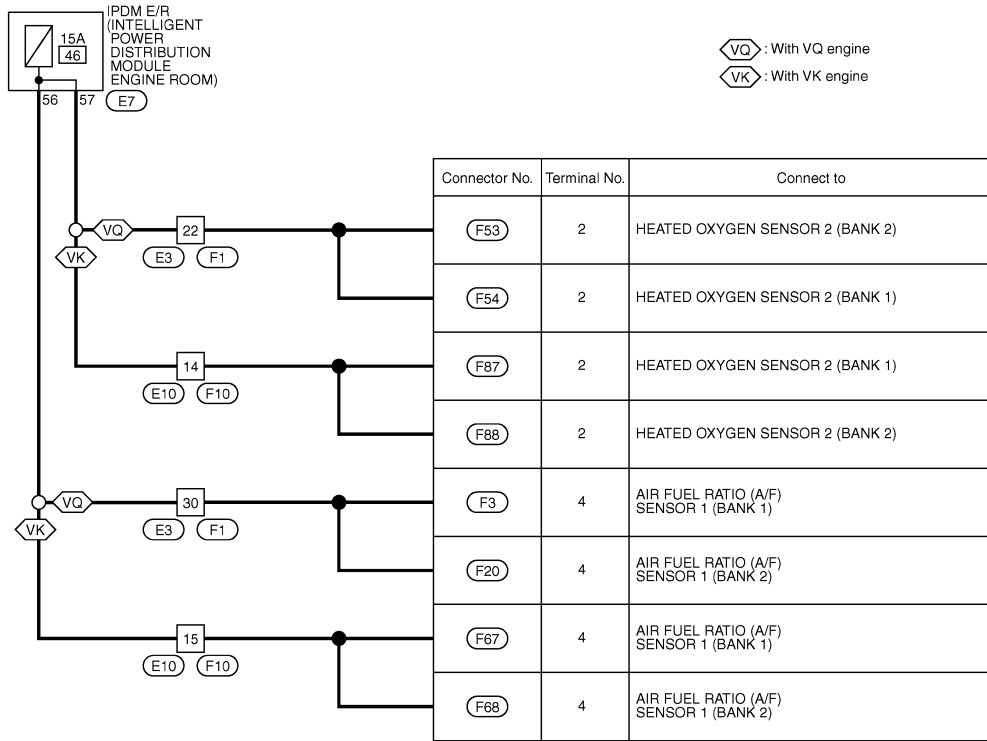
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 46 -

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IGNITION POWER SUPPLY FUSE No. 46



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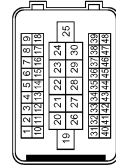
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

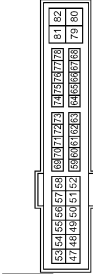
IGNITION POWER SUPPLY FUSE No. 46

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



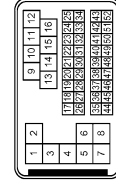
Terminal No.	Color of Wire	Signal Name [Specification]
22	R	-
30	V	-

Connector No.	E7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TRZDFW-CS12-144



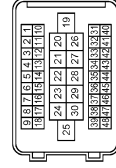
Terminal No.	Color of Wire	Signal Name [Specification]
56	V	- [With VQ engine]
57	O	- [With VK engine]
57	R	- [With VQ engine]
57	LG	- [With VK engine]

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS8-SHZ8



Terminal No.	Color of Wire	Signal Name [Specification]
14	LG	-
15	O	-

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS10-SJZZ



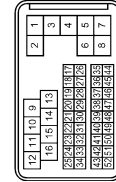
Terminal No.	Color of Wire	Signal Name [Specification]
22	G	-
30	Y	-

Connector No.	F3
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1) (WITH VQ ENGINE)
Connector Type	AFZQ4FDGY



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

Connector No.	F10
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS8-SHZ8



Terminal No.	Color of Wire	Signal Name [Specification]
14	L	-
15	O	-

Connector No.	F20
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2) (WITH VQ ENGINE)
Connector Type	AFZQ4FDGY



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

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2) (WITH VQ ENGINE)
Connector Type	AFZQ4FB



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

JCMWM2112GB

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE No. 46

Connector No.	E54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1) (WITH V6 ENGINE)
Connector Type	AFZ04FB



Terminal No.	2	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	F67
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1) (WITH V6 ENGINE)
Connector Type	AFZ04FBR



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

Connector No.	F68
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2) (WITH V6 ENGINE)
Connector Type	AFZ04FBR



Terminal No.	4	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	F67
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1) (WITH V6 ENGINE)
Connector Type	AFZ04FB



Terminal No.	2	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	F88
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2) (WITH V6 ENGINE)
Connector Type	AFZ04FB



Terminal No.	2	Color of Wire	L	Signal Name [Specification]	-
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JCMWM2113GB

POWER SUPPLY ROUTING CIRCUIT

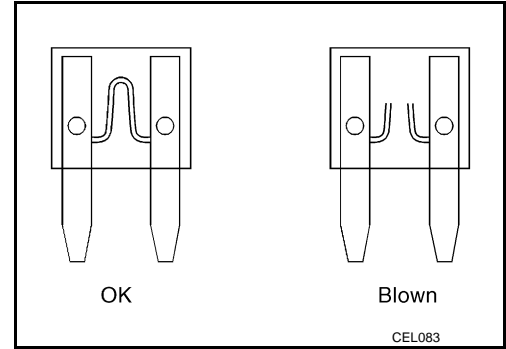
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Fuse

INFOID:000000003882867

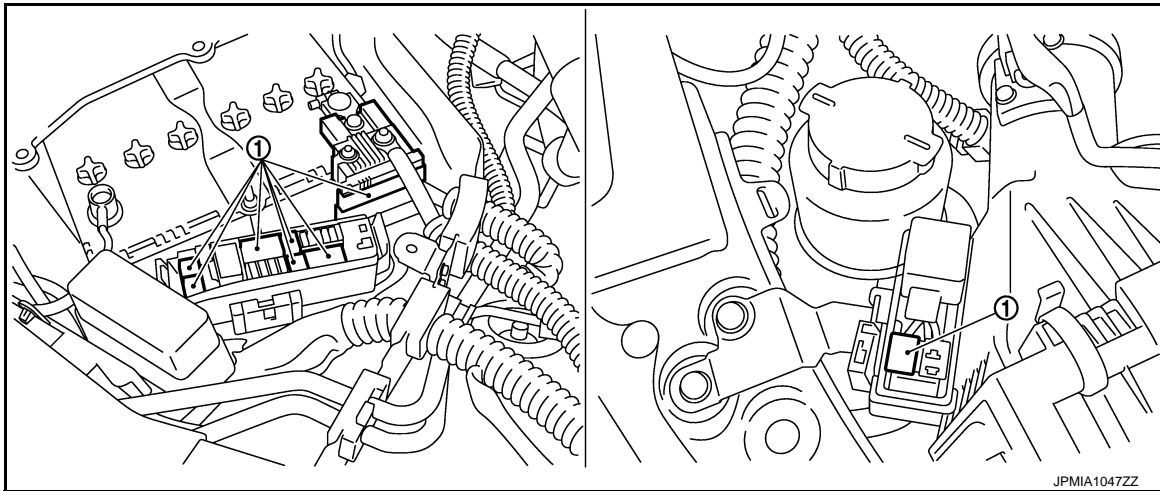
- If fuse is blown, be sure to eliminate cause of malfunction before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is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



Fusible Link

INFOID:000000003884826

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

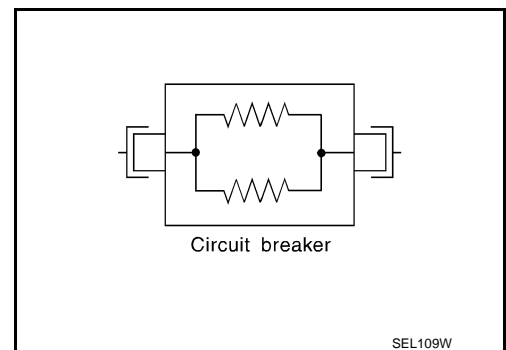
CAUTION:

- 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:000000003882869

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

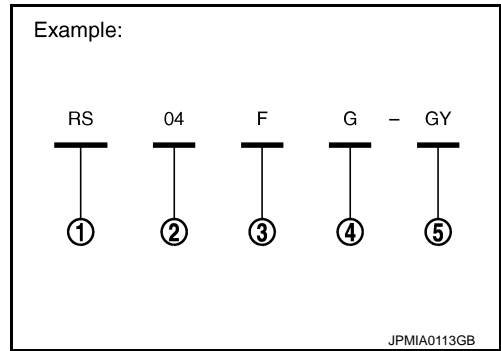


HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000003882870

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



CONNECTOR SYMBOL

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

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

JPMIA0114GB

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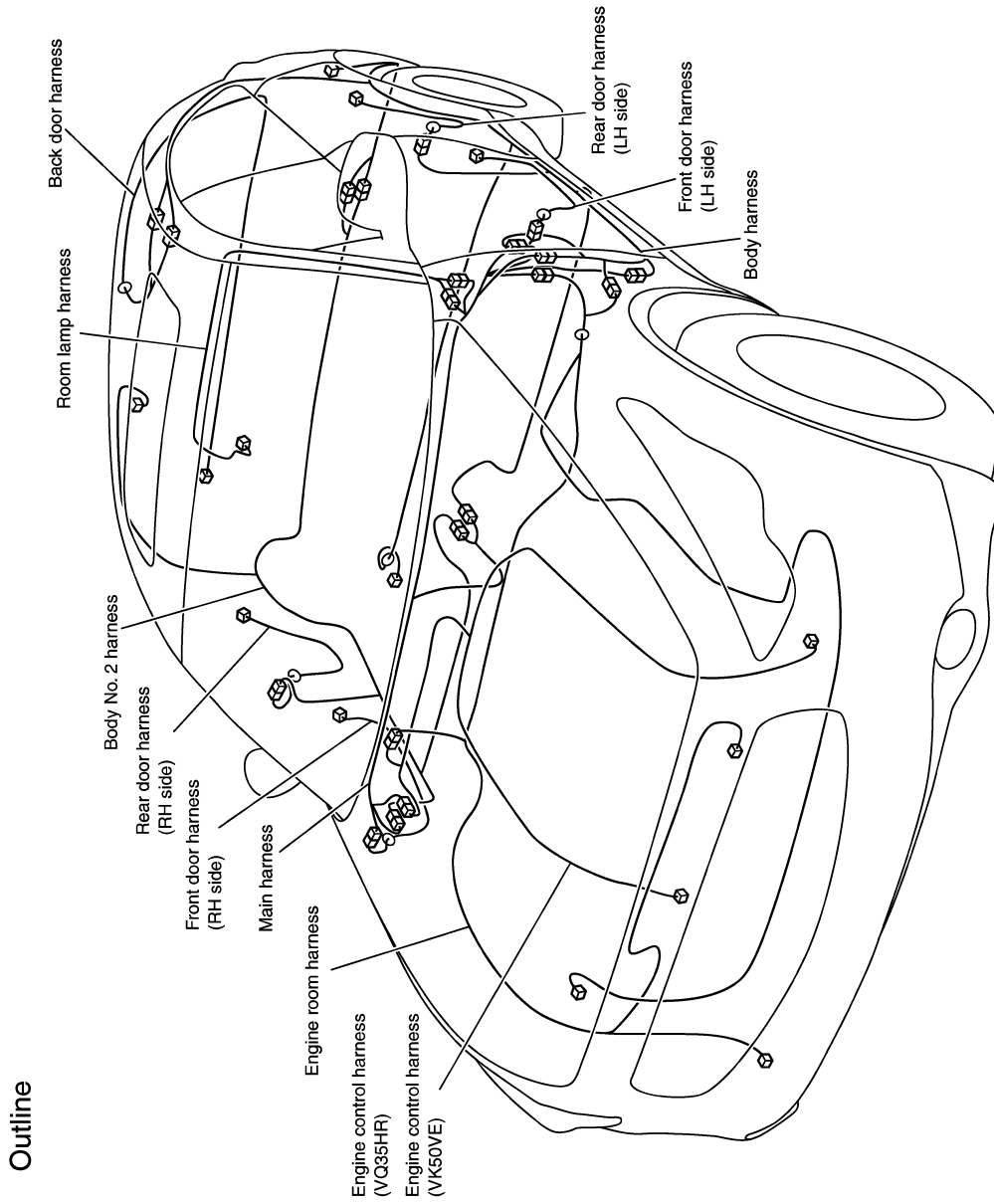
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Outline

INFOID:000000003882871



Outline

2008/03/04

JCMIM0380GB

HARNES LAYOUT

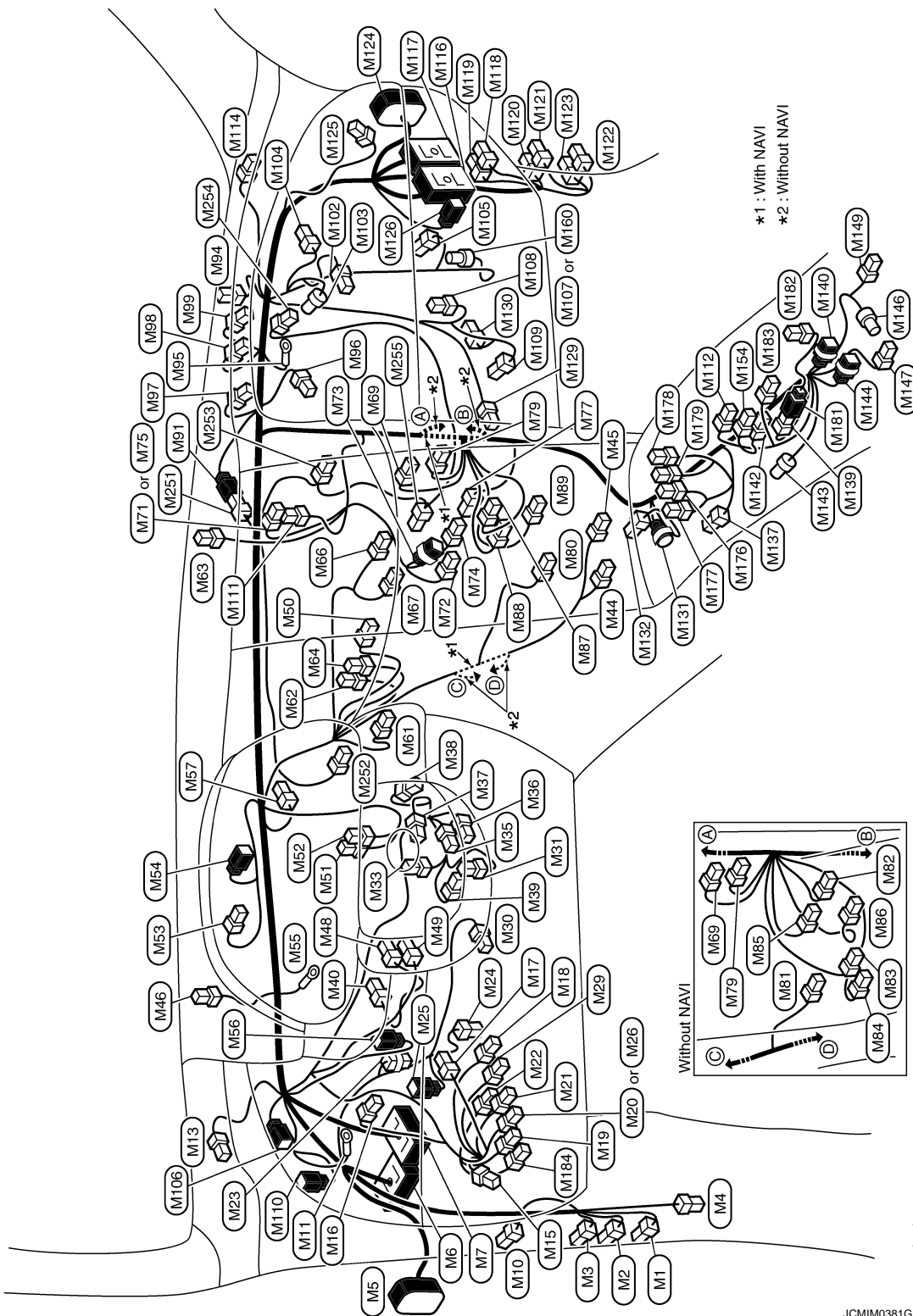
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000003882872

MAIN HARNESS



2008/03/04

JCMIM0381GB

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HARNESS LAYOUT

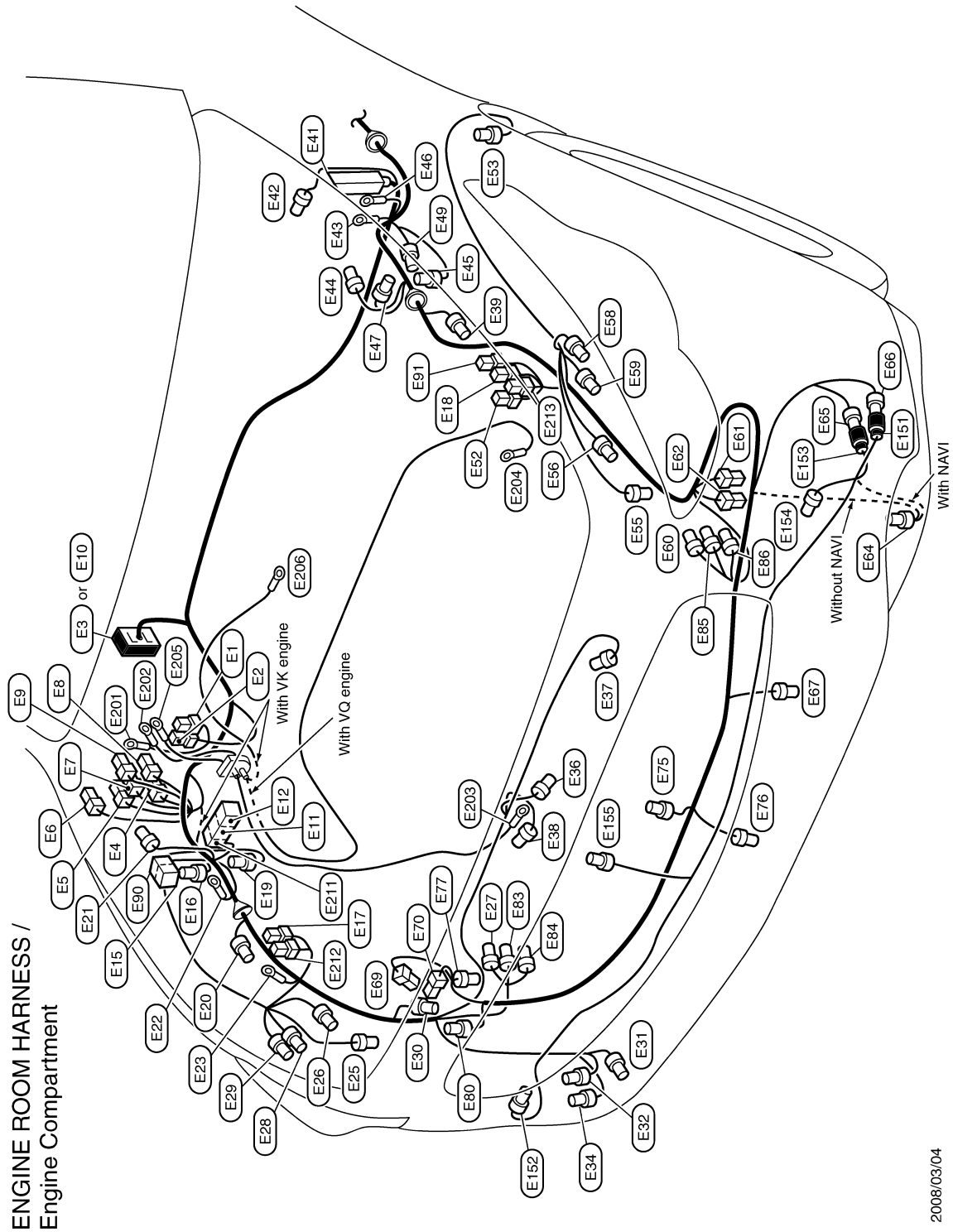
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000003882873

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

2008/03/04

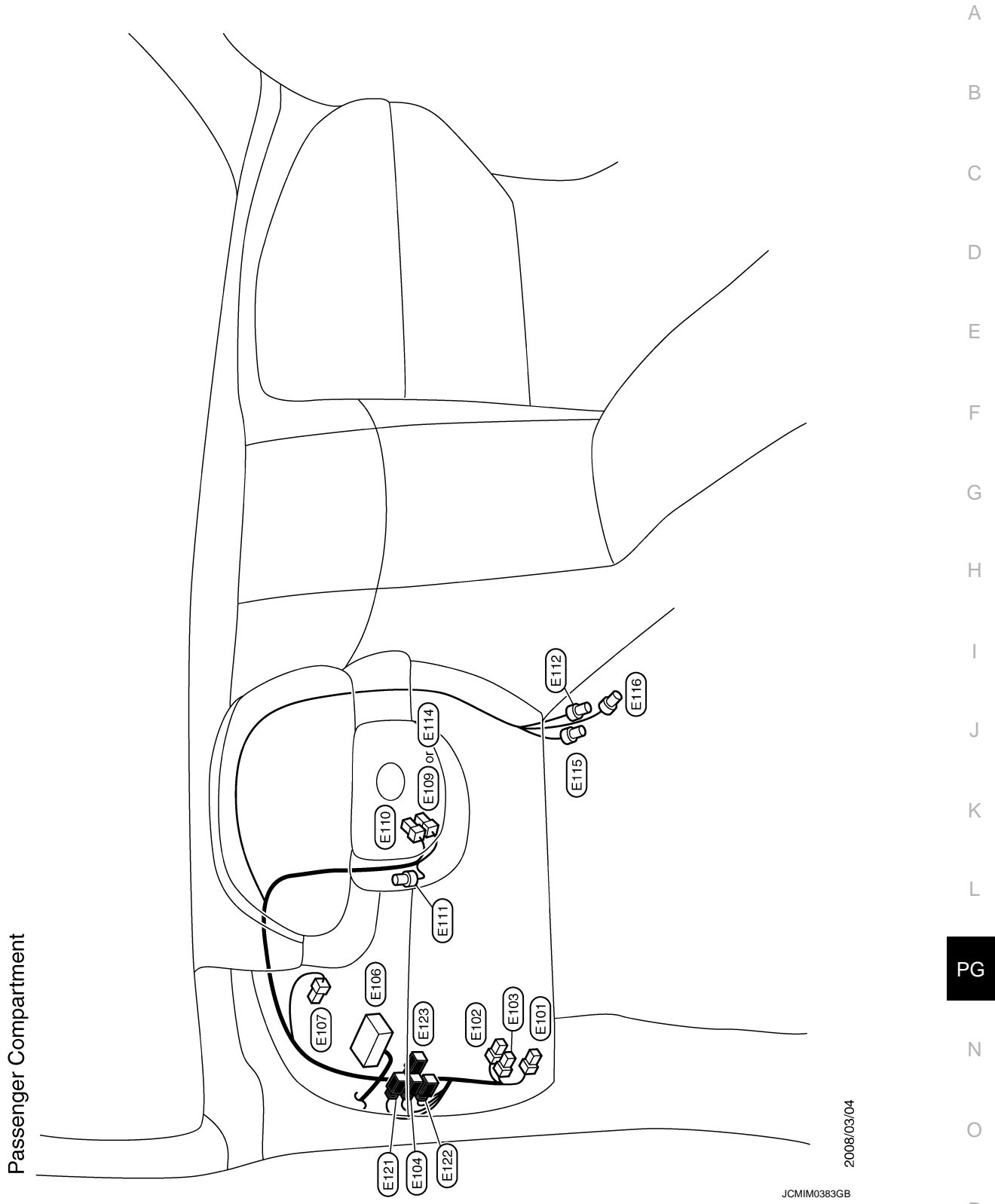
JCMIM0382GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



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HARNES LAYOUT

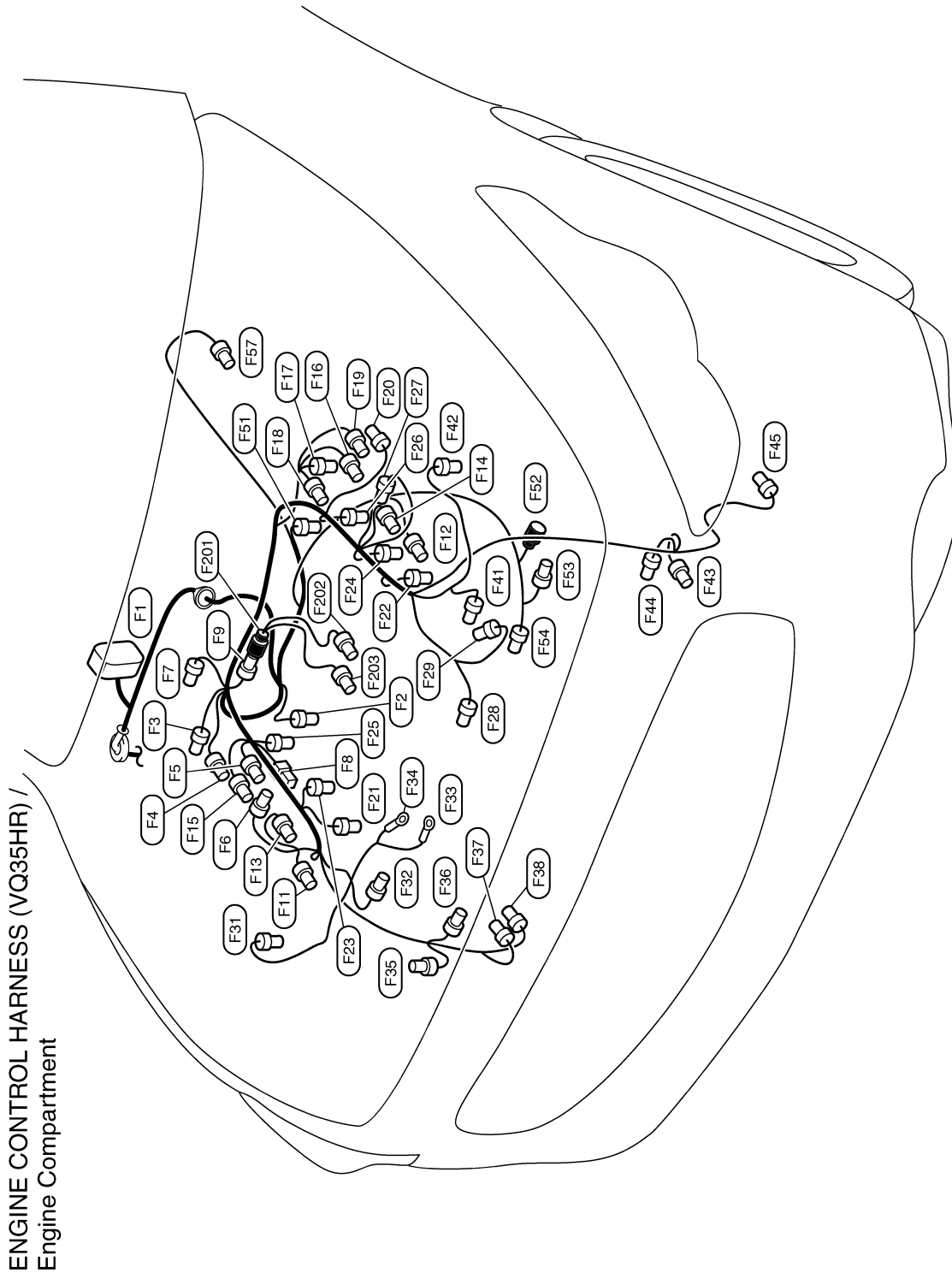
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness (VQ35HR)

INFOID:000000003882874

ENGINE COMPARTMENT



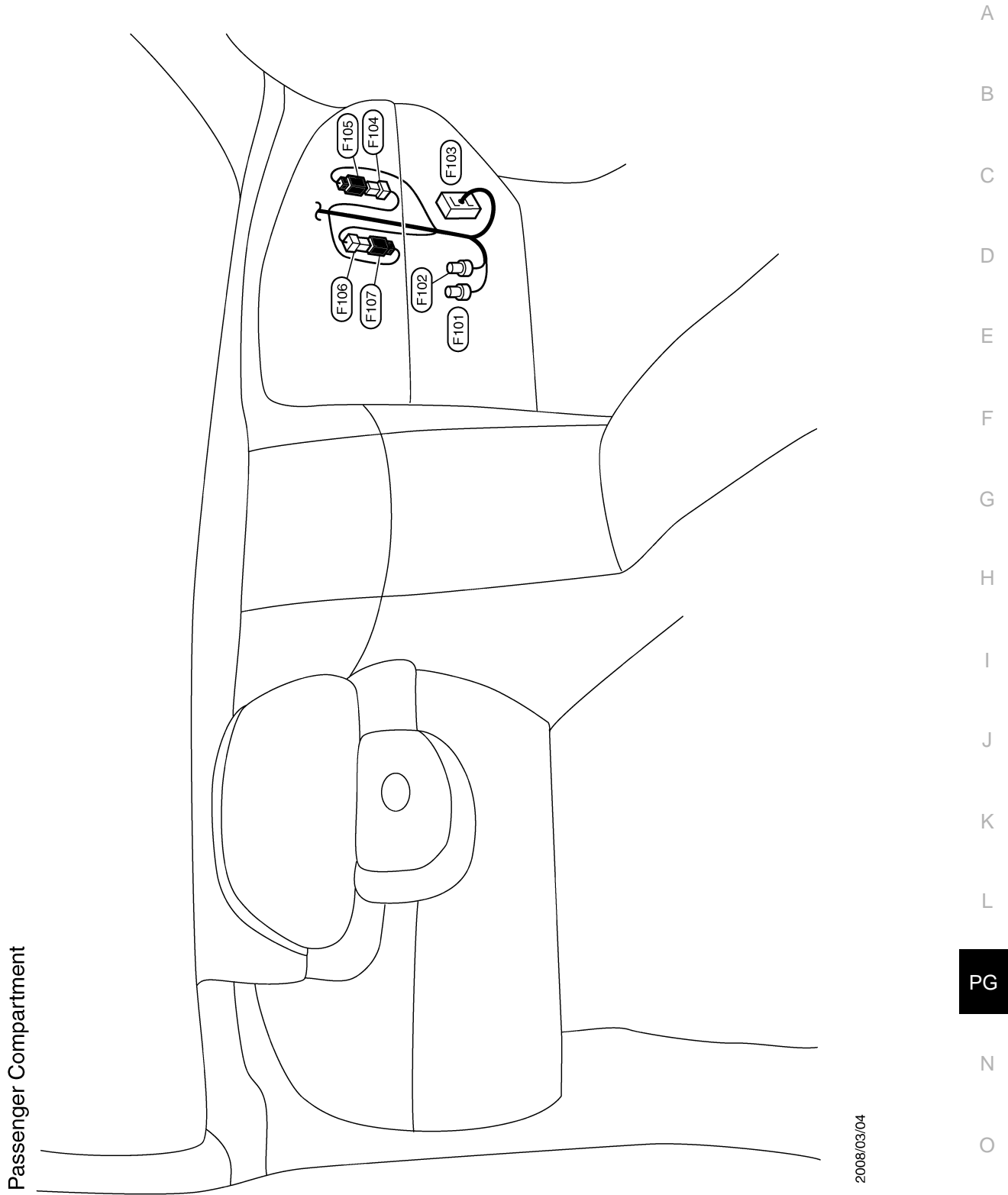
JCMIM0384GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



Passenger Compartment

2008/03/04

JCMIM0385GB

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HARNESS LAYOUT

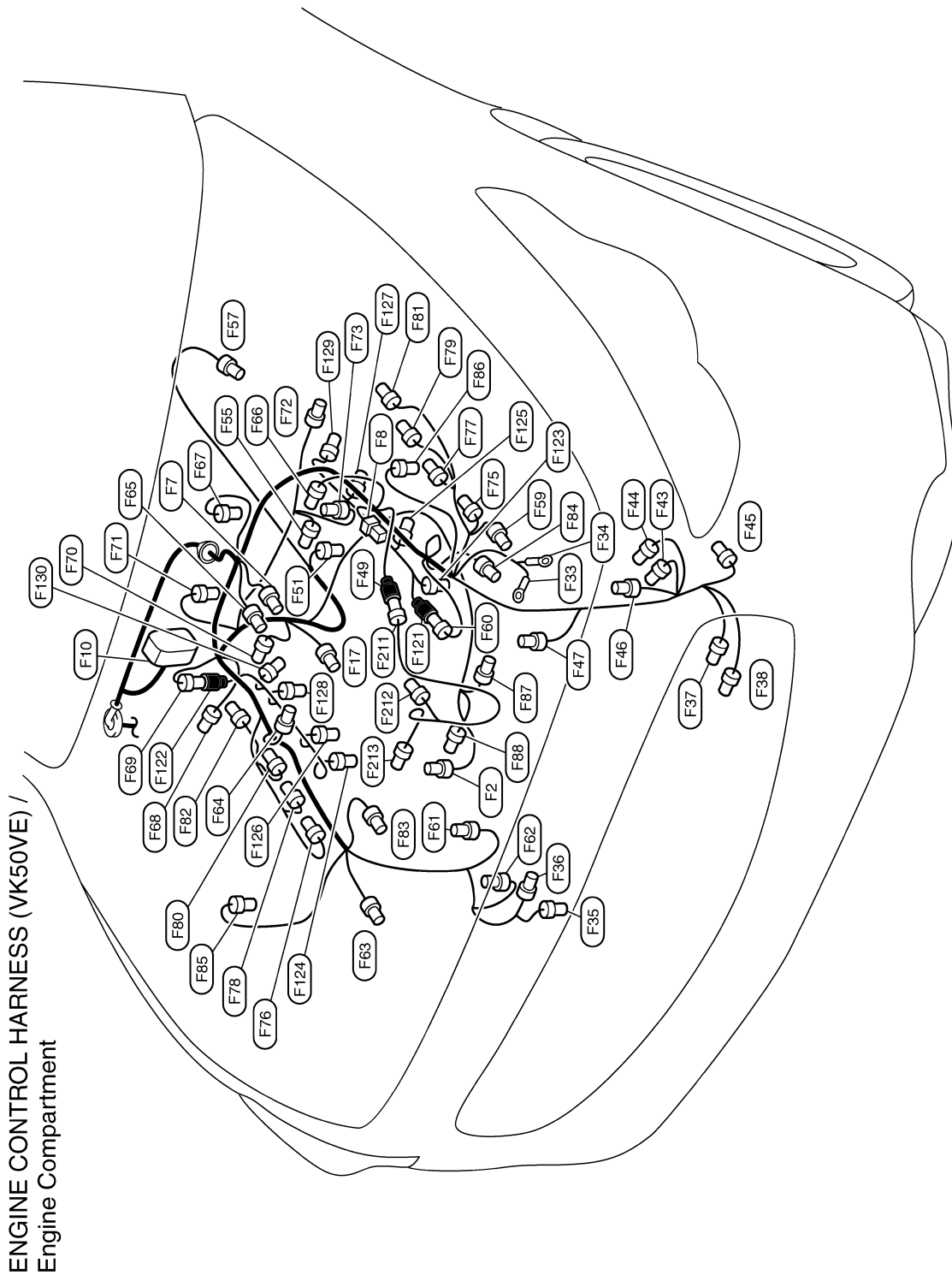
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[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness (VK50VE)

INFOID:000000004162011

ENGINE COMPARTMENT



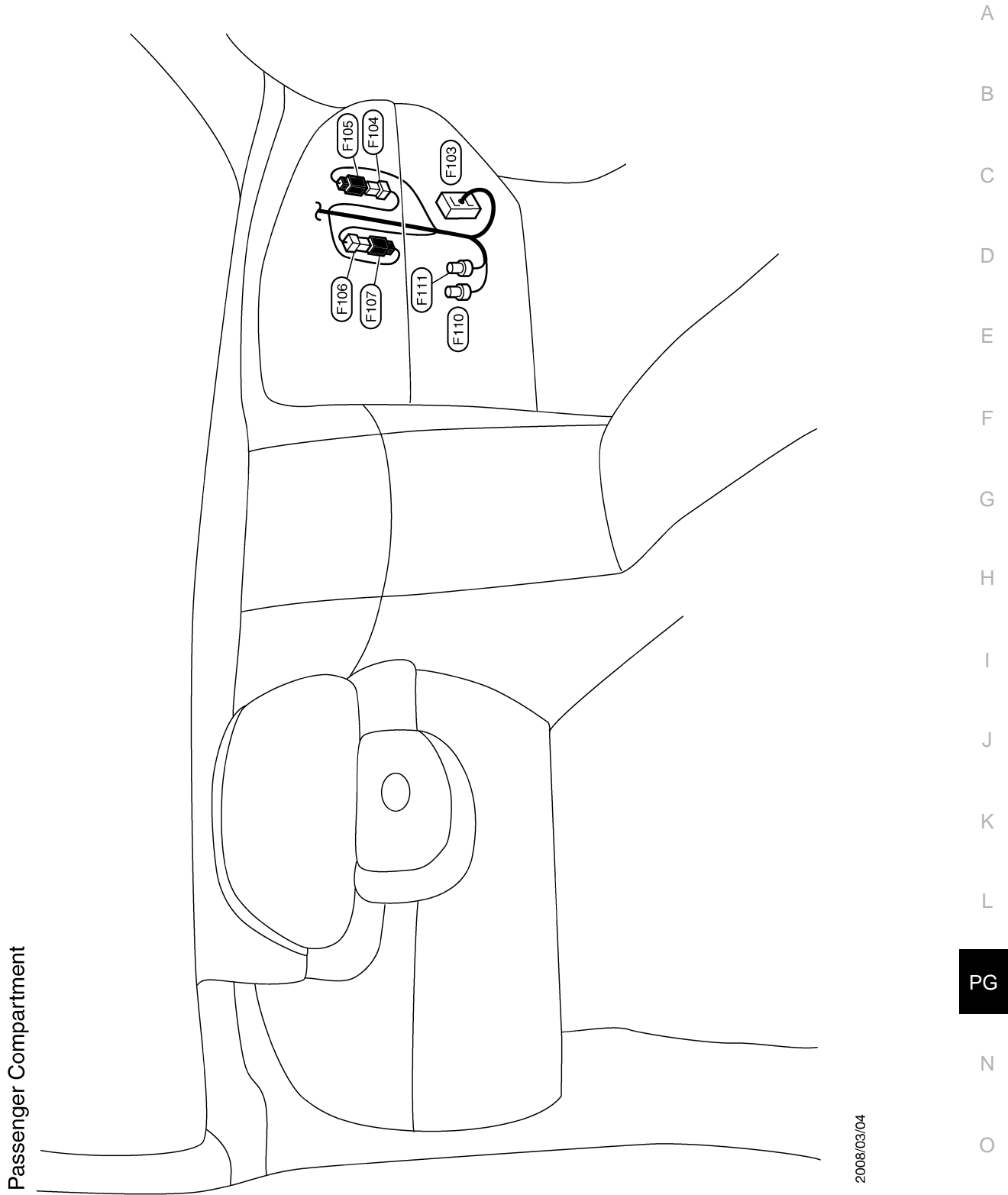
ENGINE CONTROL HARNESS (VK50VE) /
Engine Compartment

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT



2008/03/04

JCMIM0387GB

PG

HARNES LAYOUT

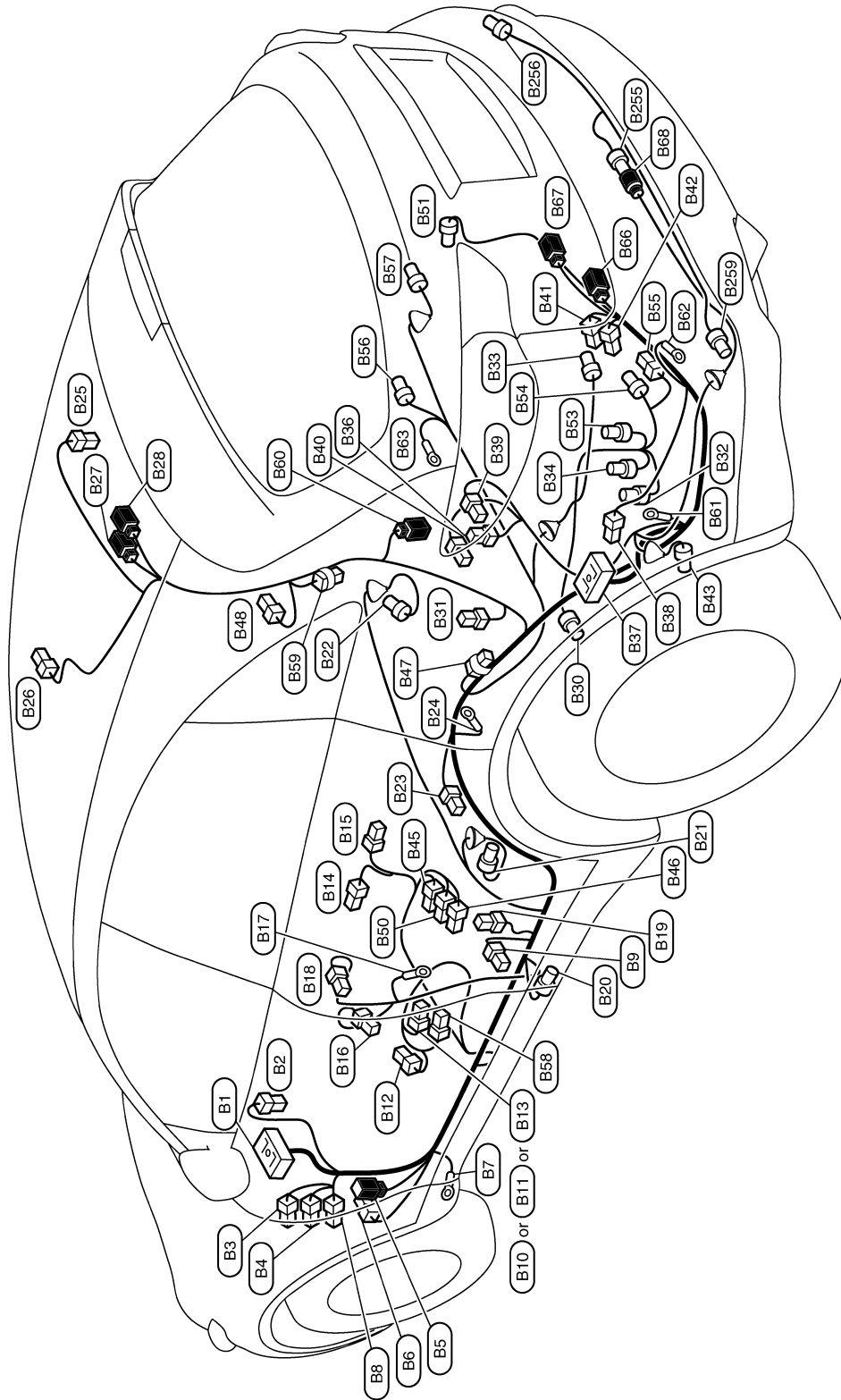
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body Harness

INFOID:000000003882875

BODY HARNESS



2008/03/04

JCMIM0388GB

HARNES LAYOUT

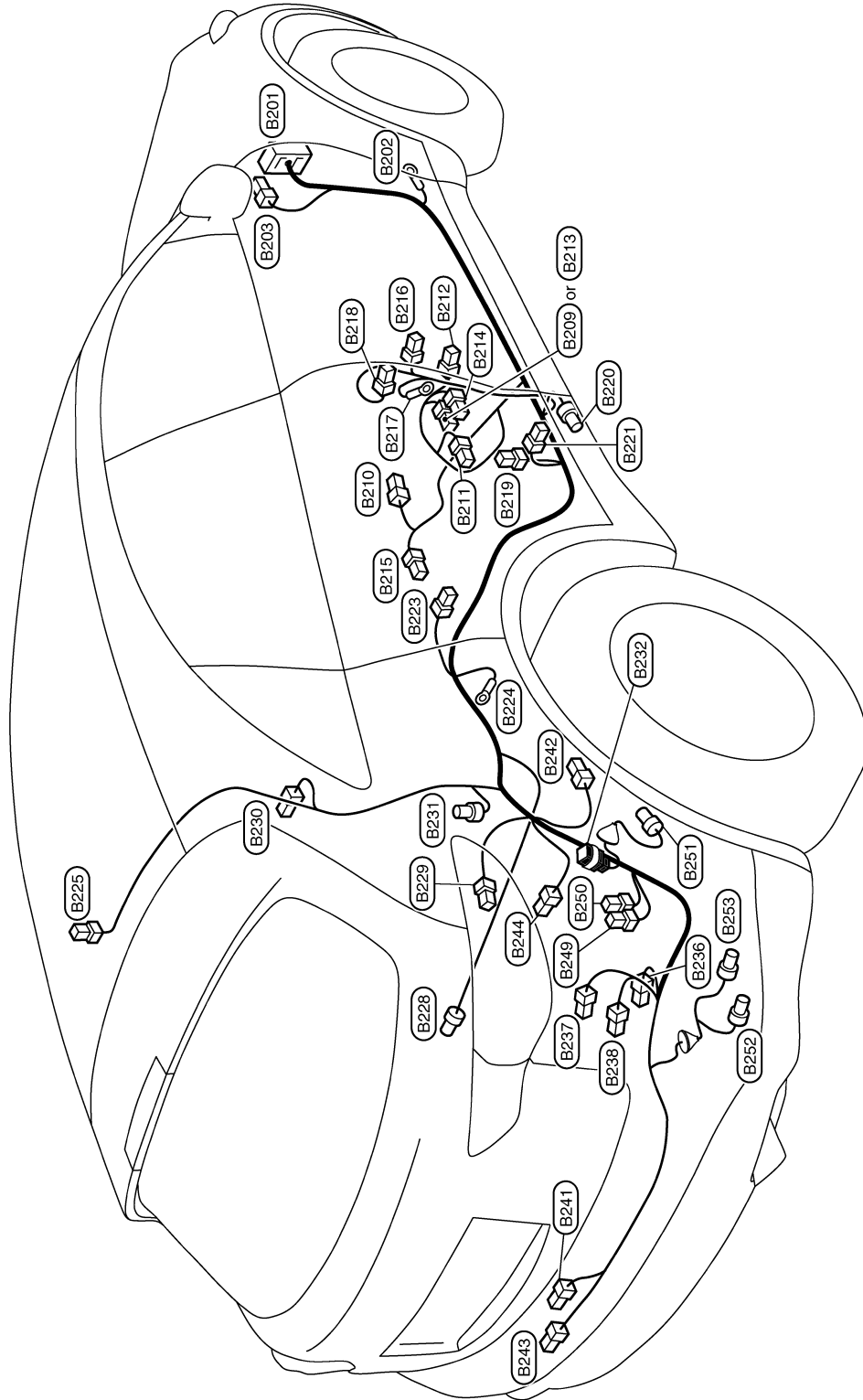
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000003882876

BODY No. 2 HARNESS



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2008/03/04

JCMIM0389GB

HARNESS LAYOUT

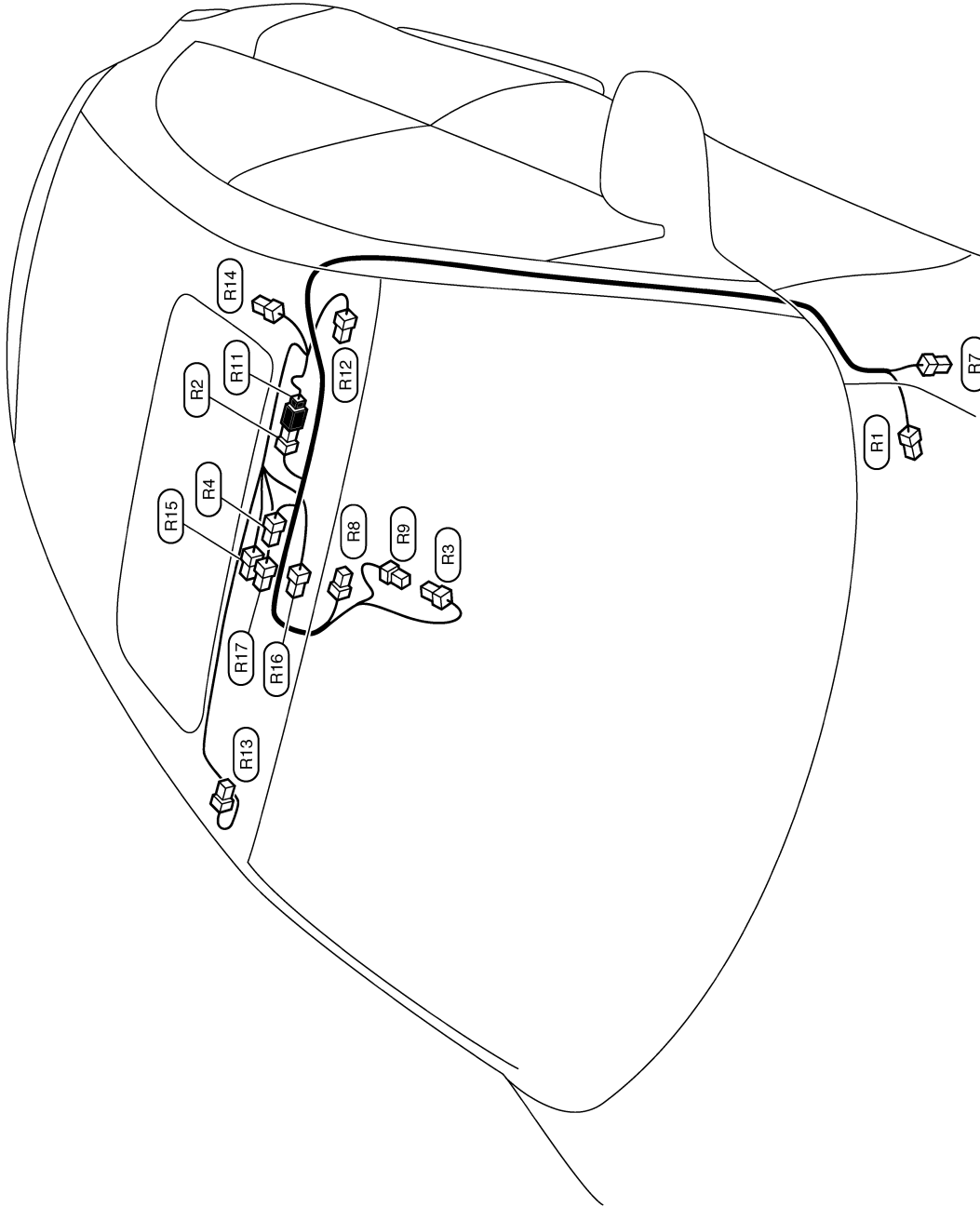
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000003882877

ROOM LAMP HARNESS



2008/03/04

JCMIM0390GB

HARNES LAYOUT

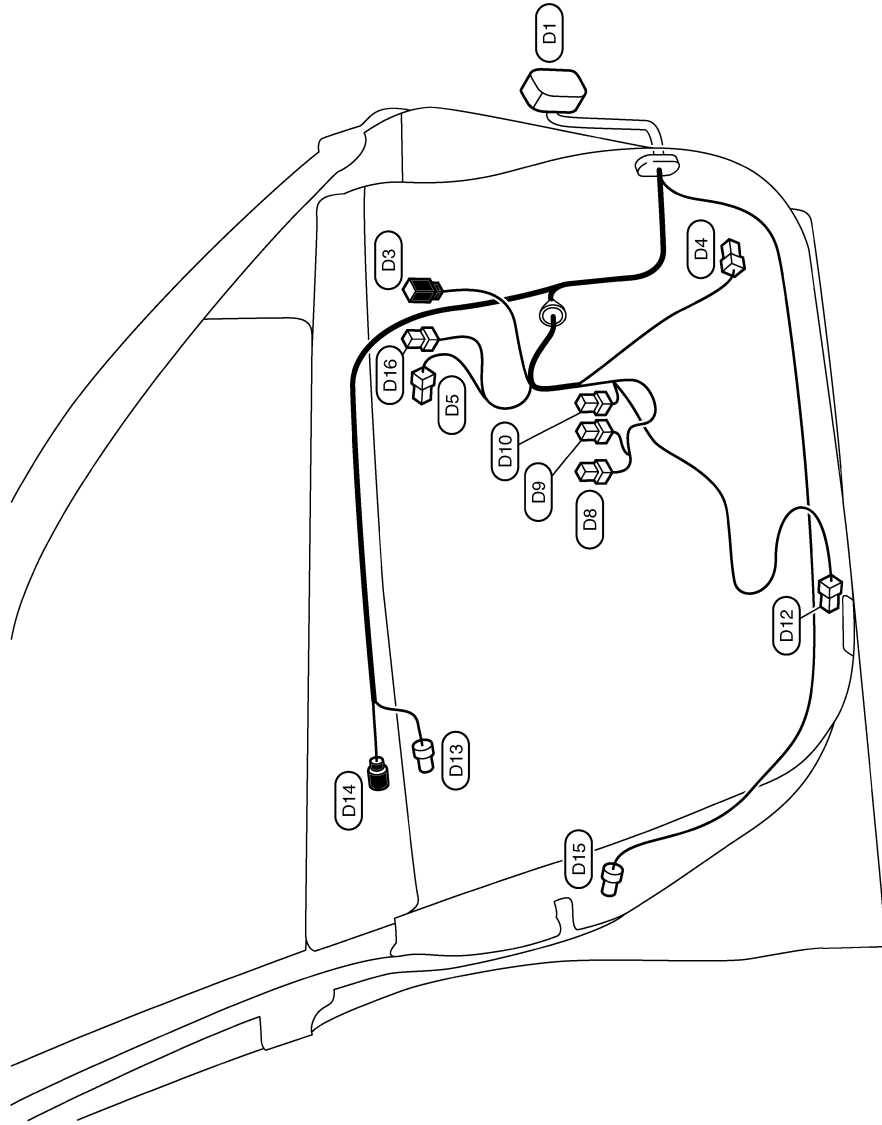
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Front Door Harness (LH Side)

INFOID:000000003882878

FRONT DOOR HARNESS (LH SIDE)



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2008/03/04

JCMIM0391GB

HARNES LAYOUT

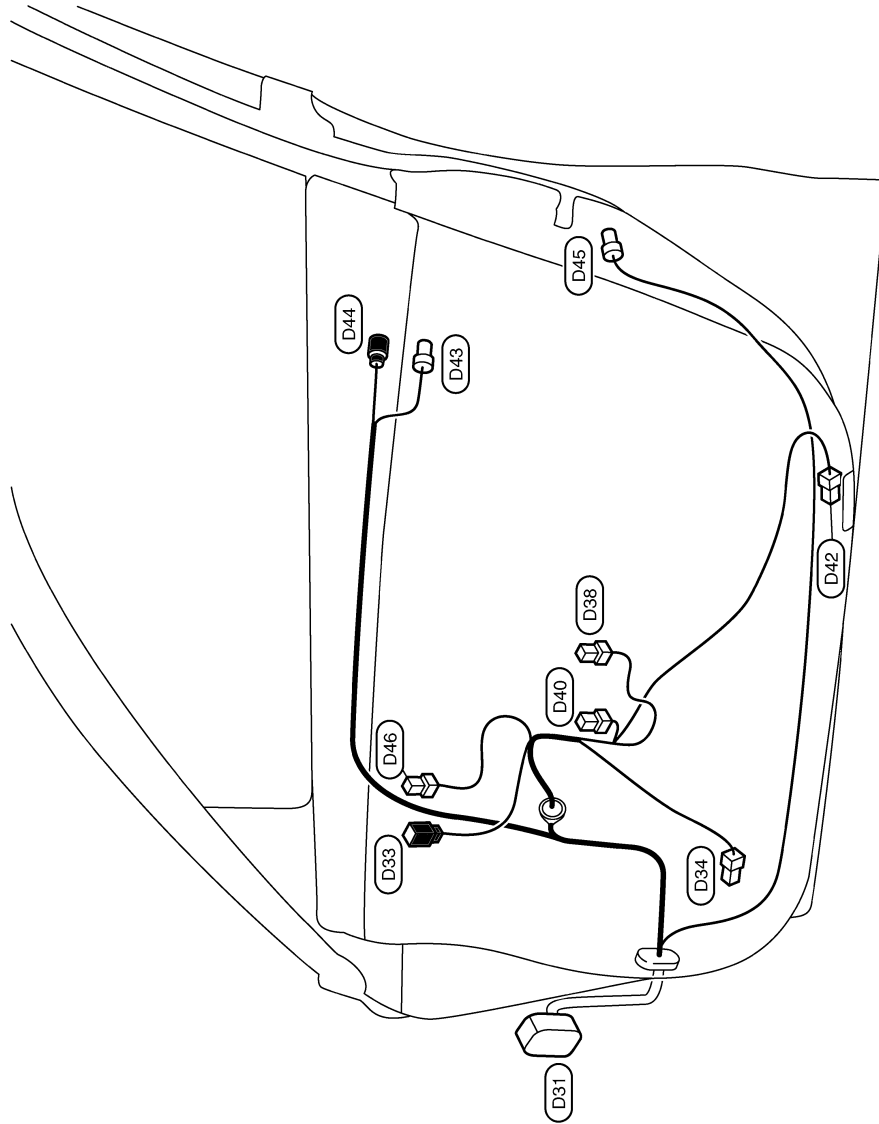
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Front Door Harness (RH Side)

INFOID:000000003882879

FRONT DOOR HARNESS (RH SIDE)



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HARNES LAYOUT

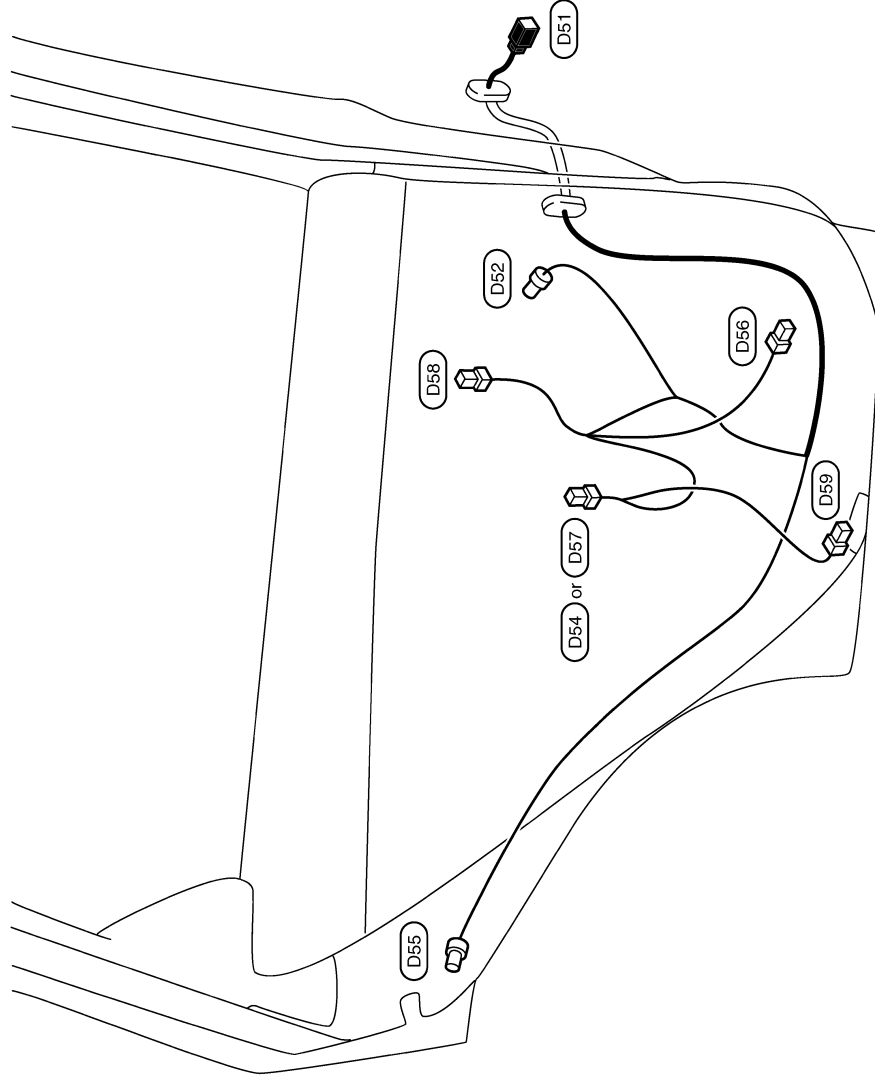
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Rear Door Harness (LH Side)

INFOID:000000003882880

REAR DOOR HARNESS (LH SIDE)



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2008/03/04

JCMIM0393GB

HARNES LAYOUT

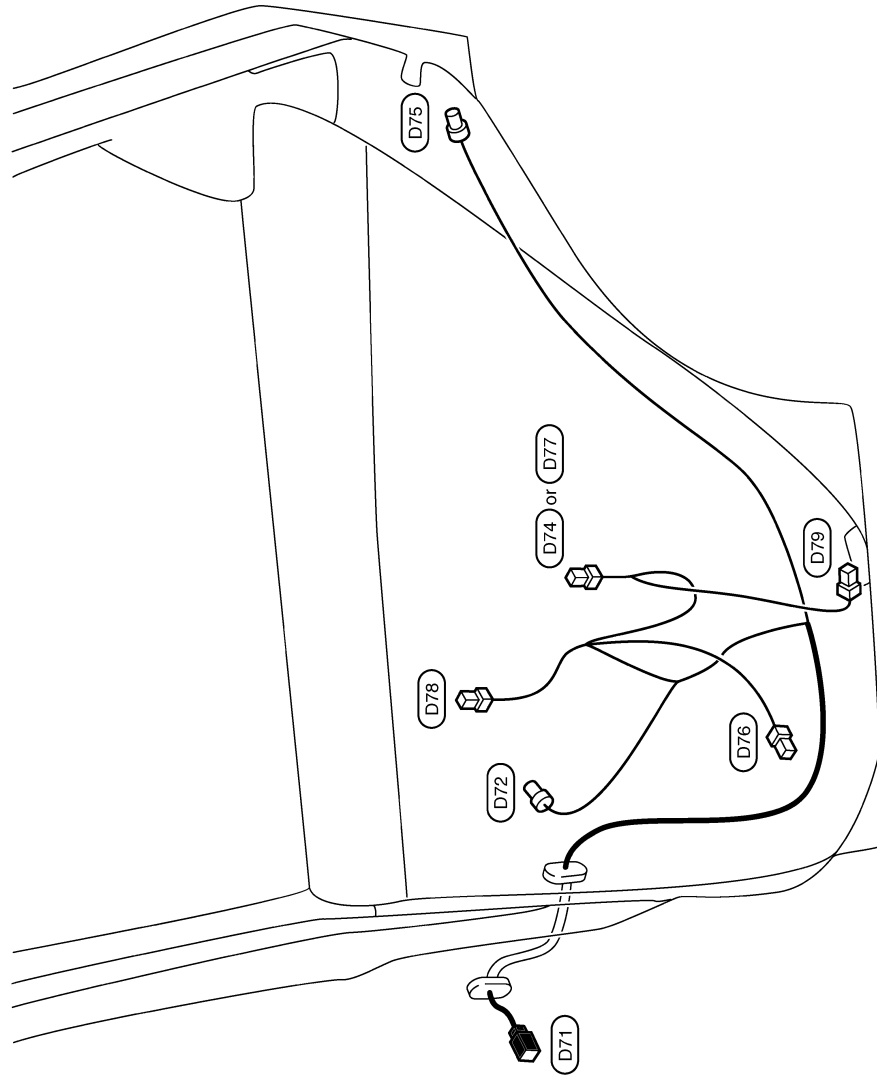
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Rear Door Harness (RH Side)

INFOID:000000003882881

REAR DOOR HARNESS (RH SIDE)



2008/03/04

JCMIM0394GB

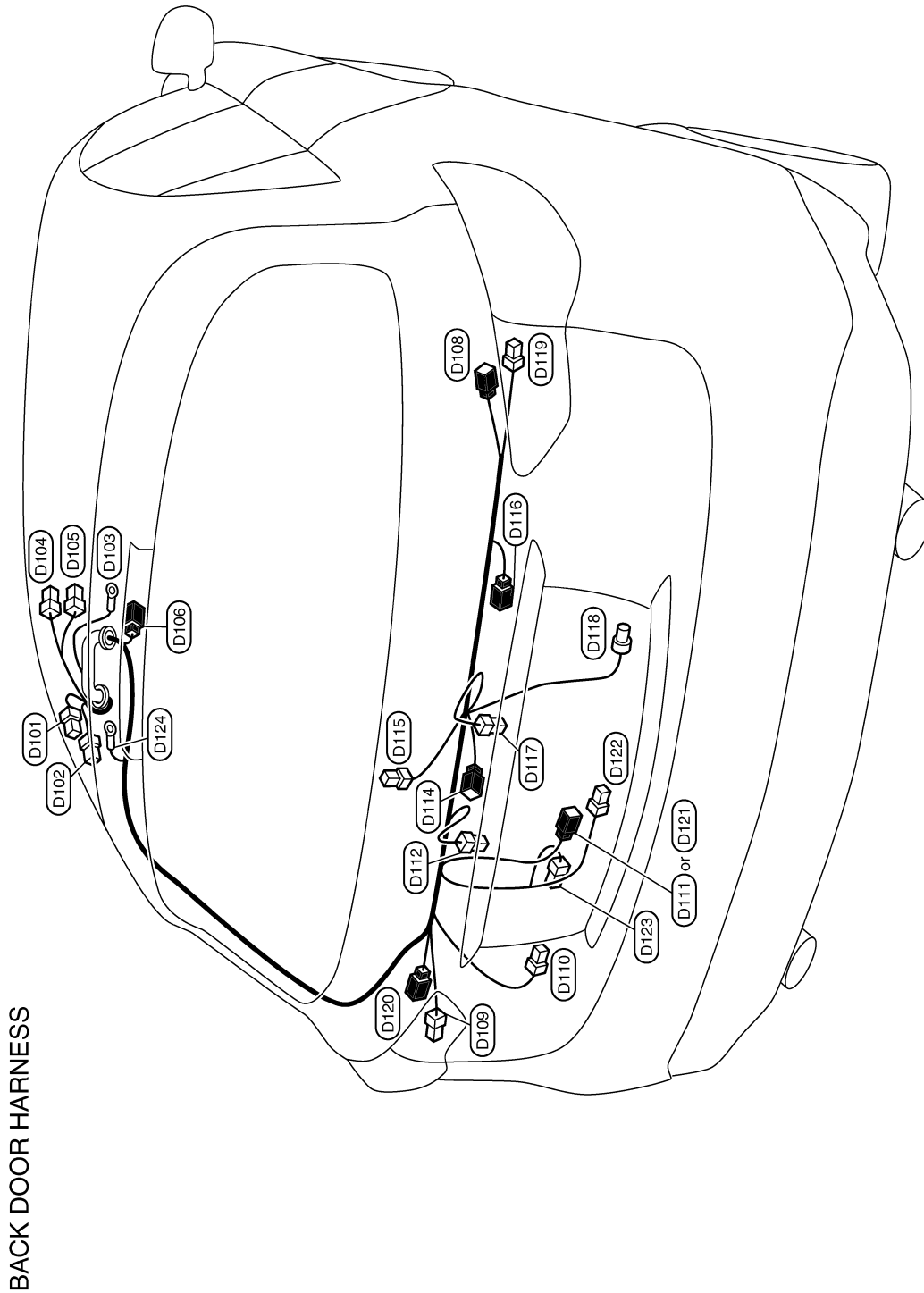
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Back Door Harness

INFOID:000000003882882



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2008/03/04

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HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

HARNESS CONNECTOR

Description

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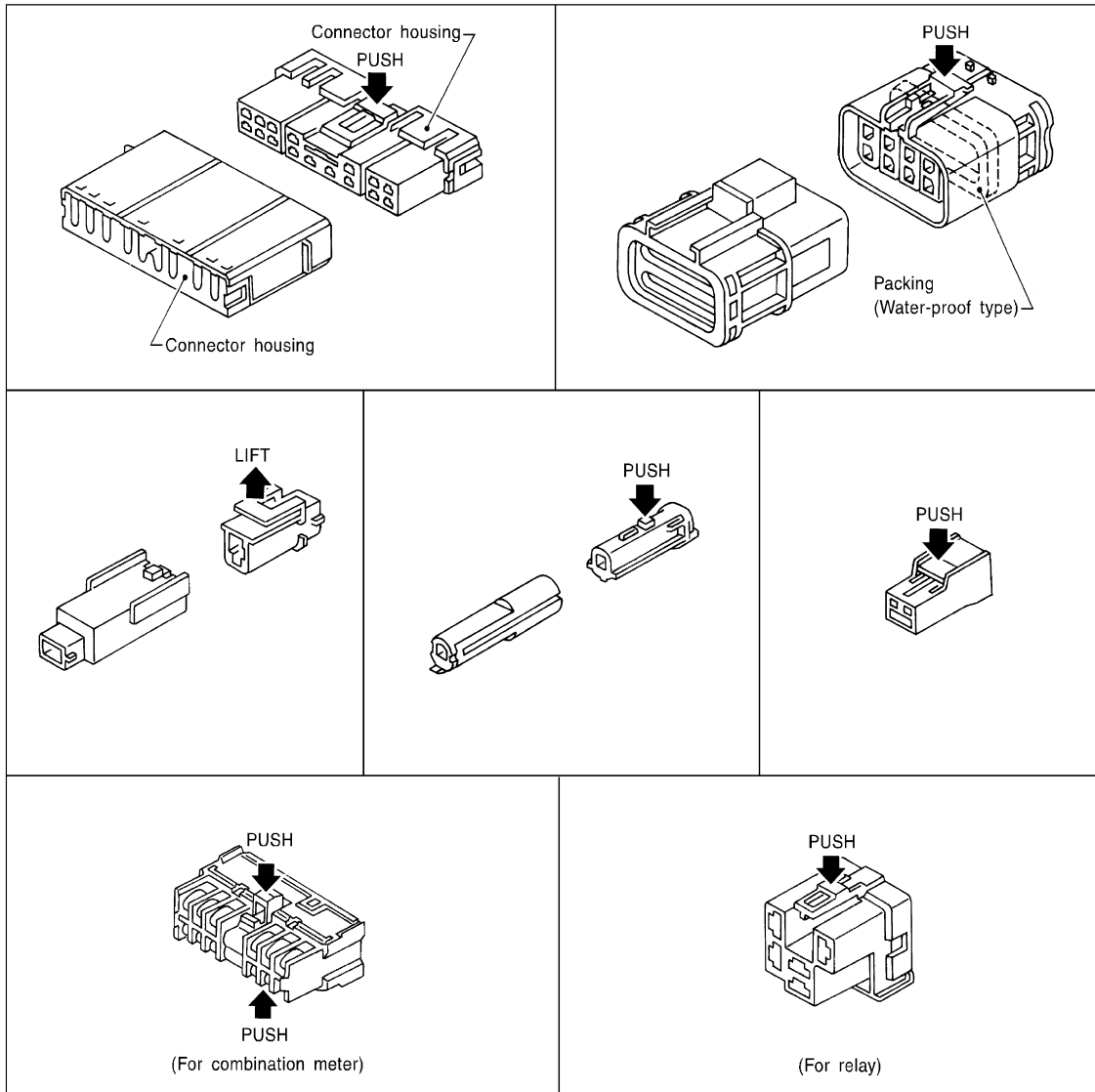
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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

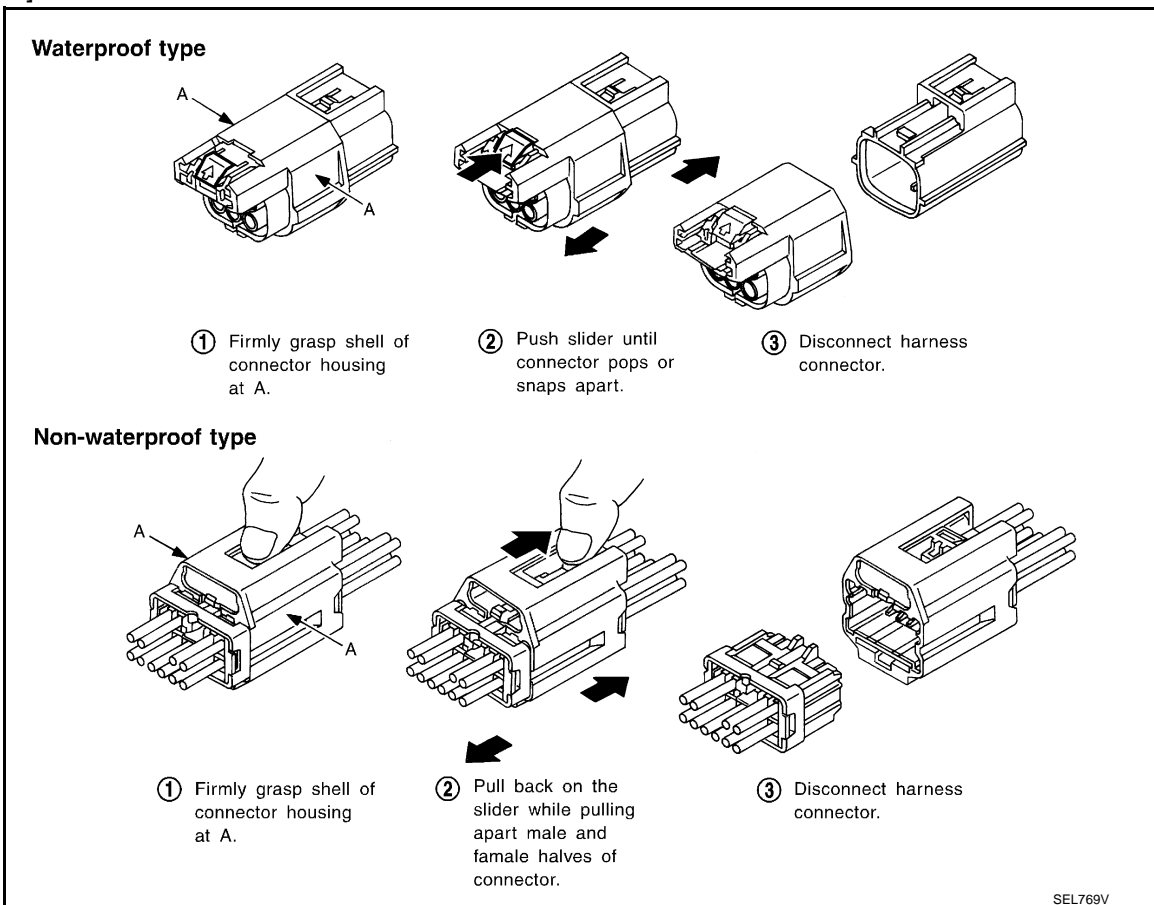
< DTC/CIRCUIT DIAGNOSIS >

[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:

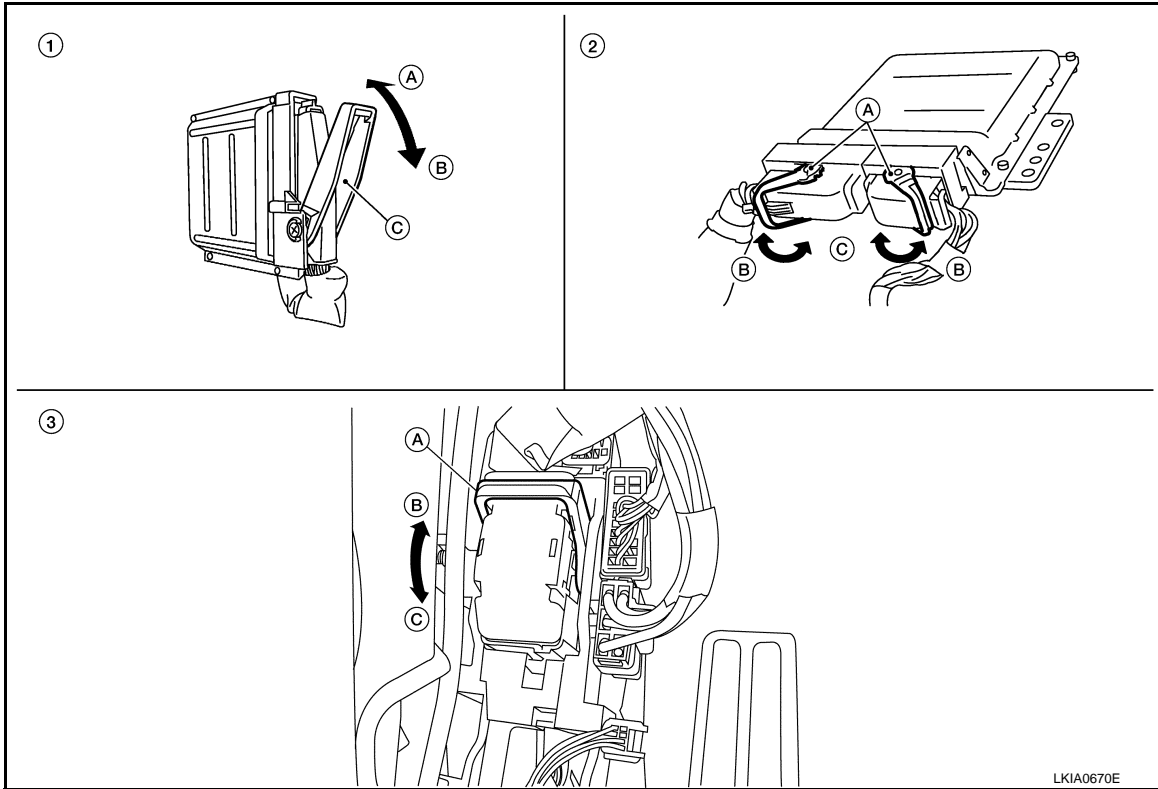
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HARNESS CONNECTOR

< 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]

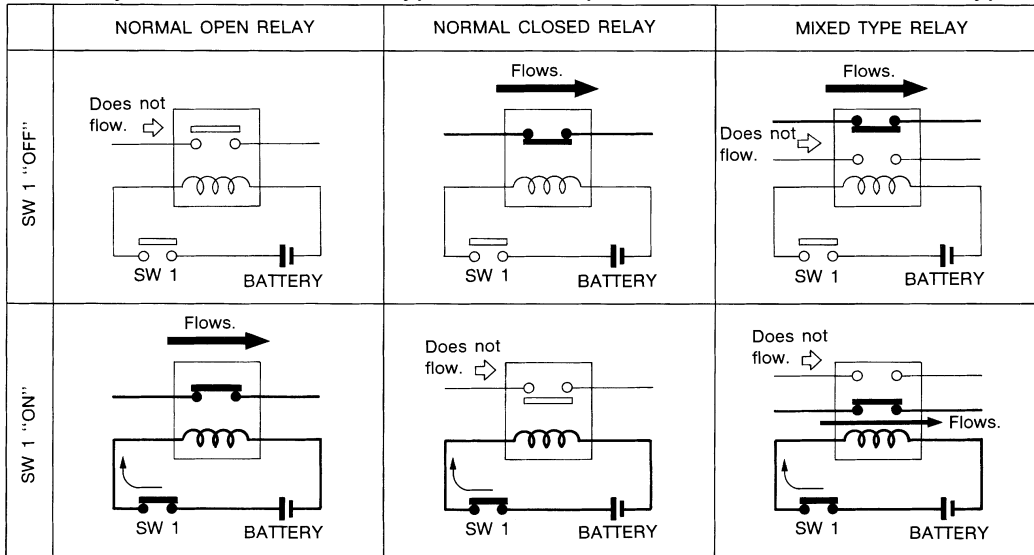
STANDARDIZED RELAY

Description

INFOID:000000003882884

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

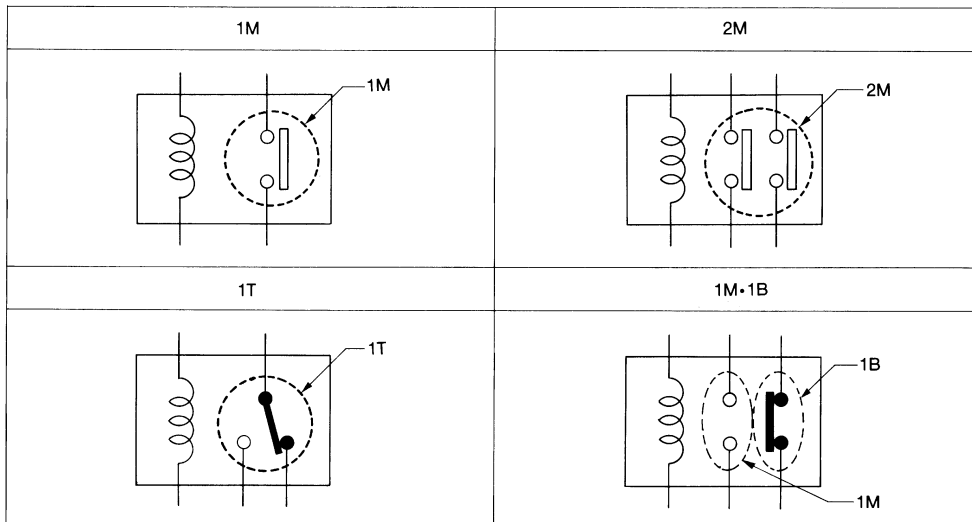
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break



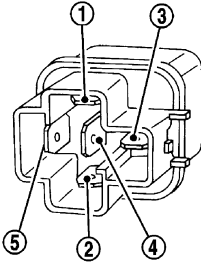
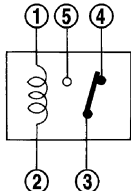
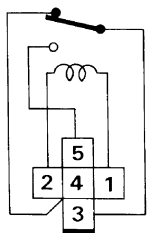
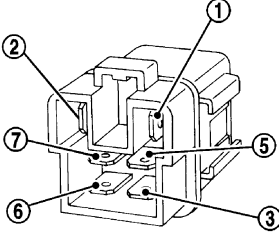
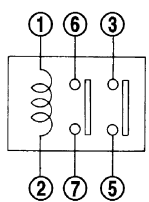
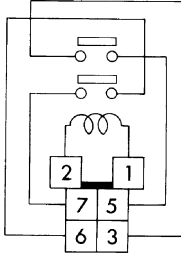
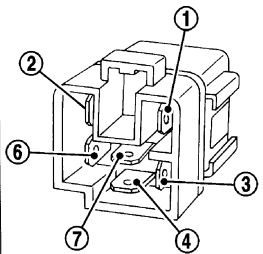
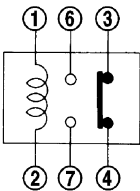
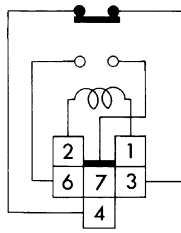
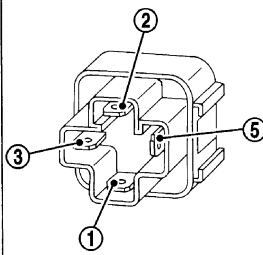
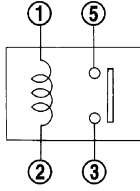
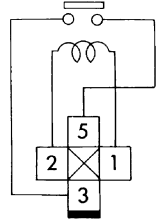
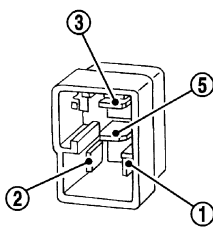
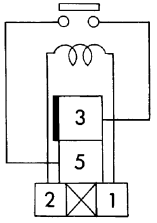
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STANDARDIZED RELAY

< 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)

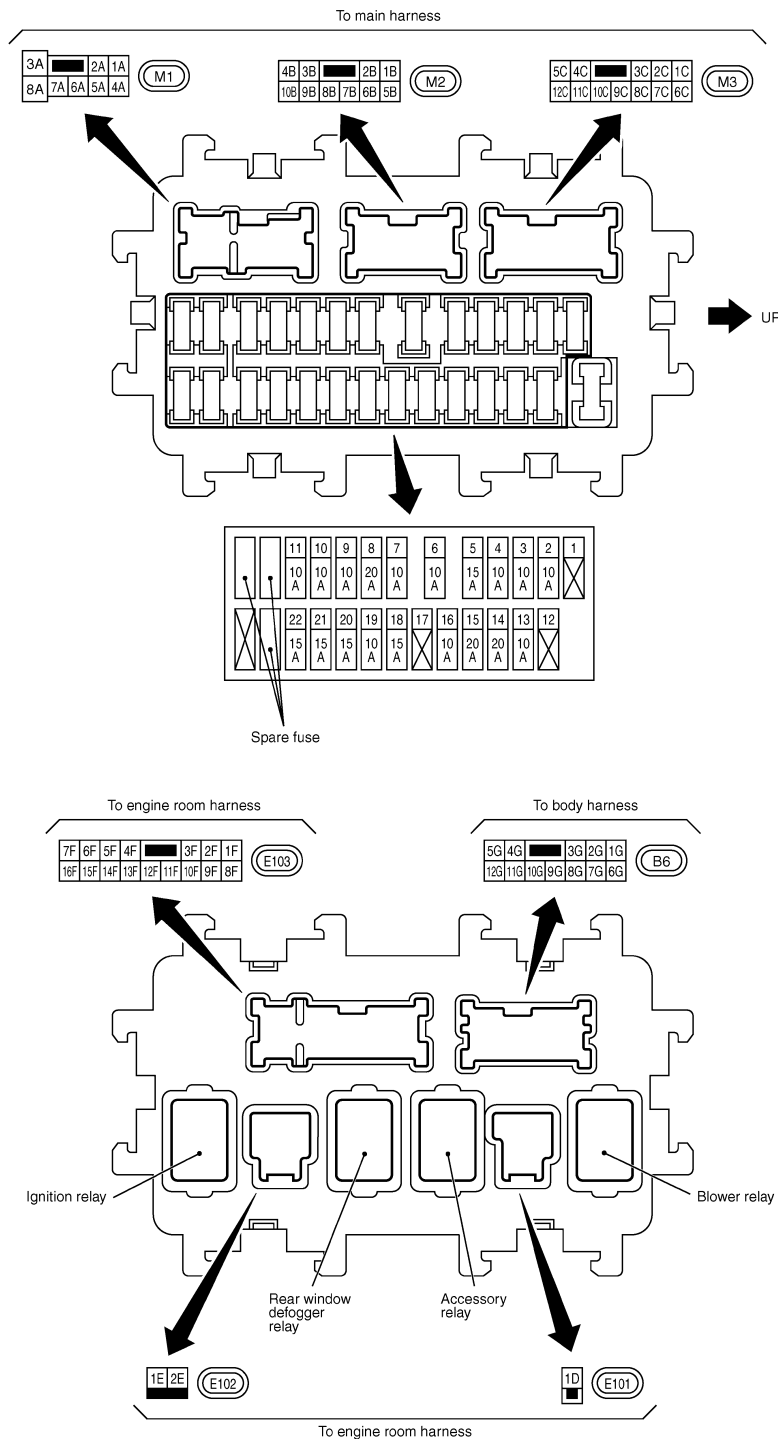
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000003882885



2008/03/04

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FUSE, FUSIBLE LINK AND RELAY BOX

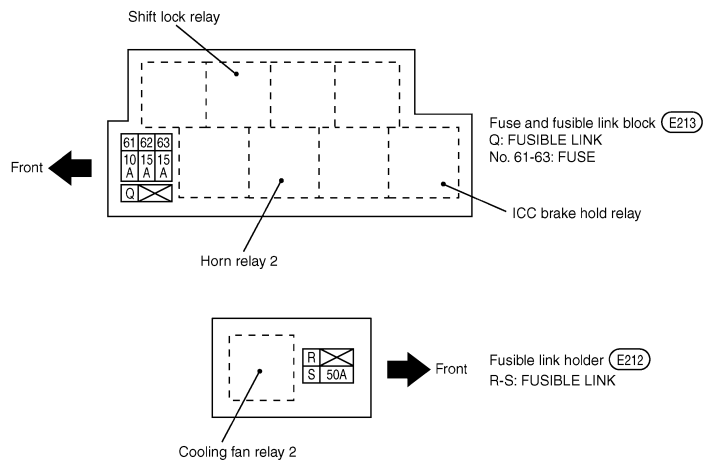
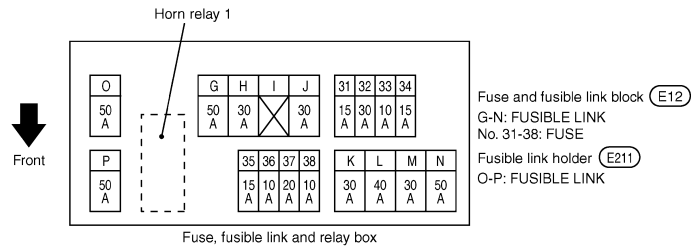
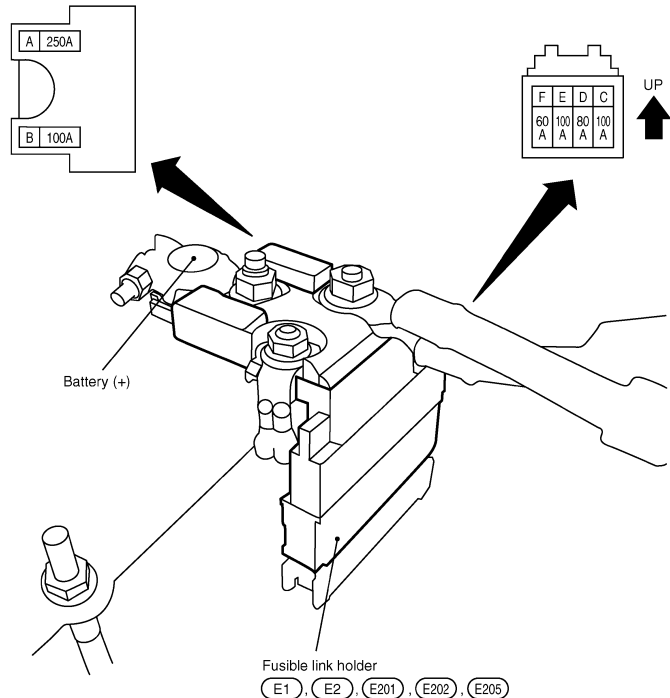
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000003882886



2008/03/04

JCMWM2115GB

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

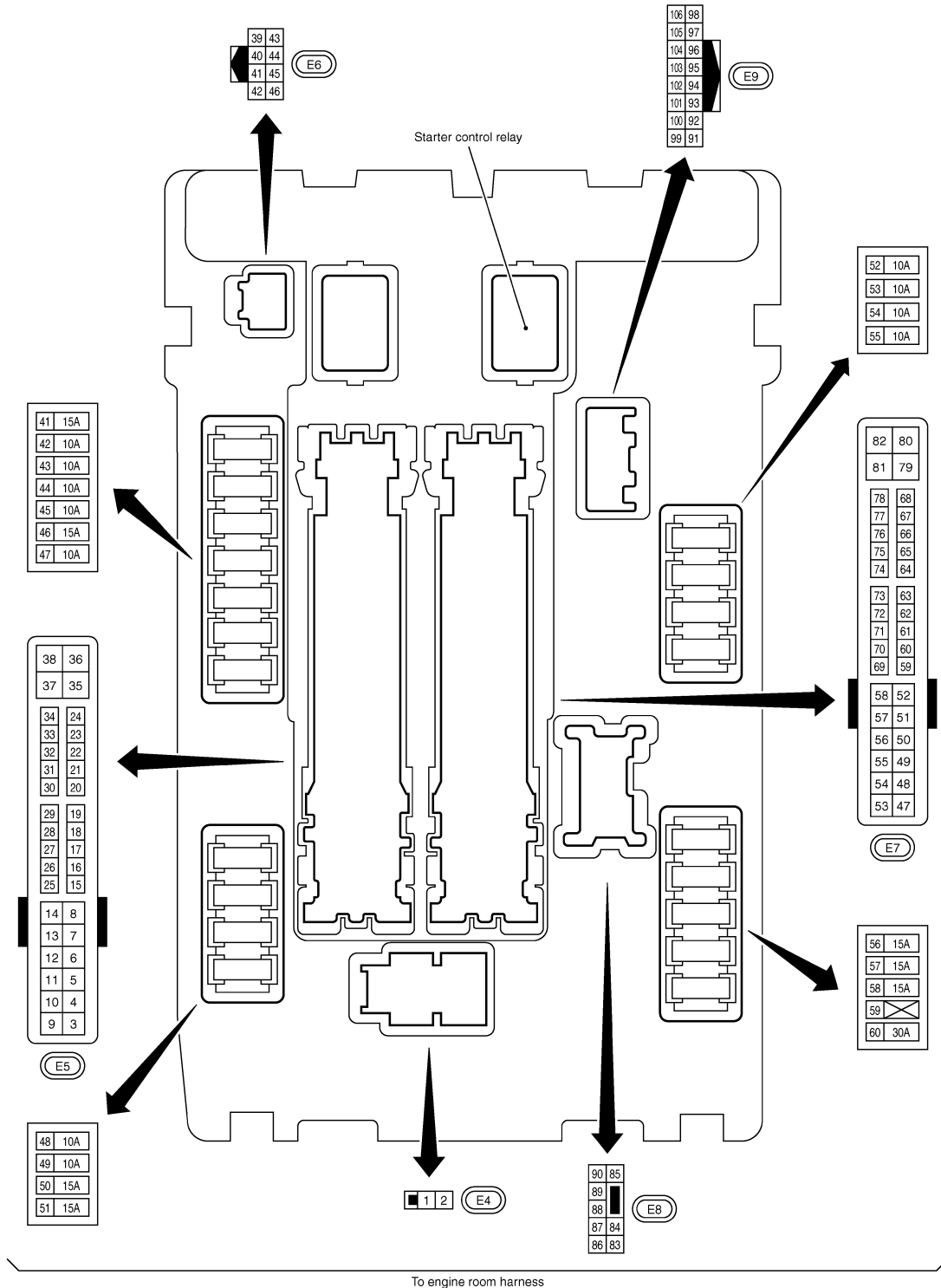
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000003882887



2008/03/04

JCMWM2116GB

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< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000003882899

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

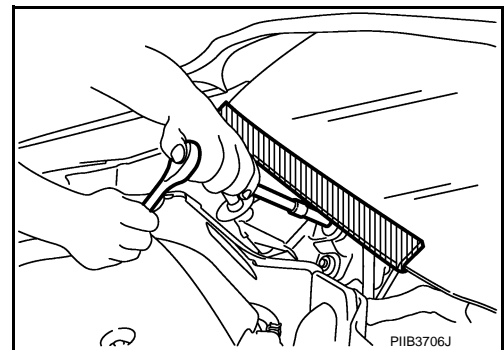
WARNING:

- 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:000000003882900

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



PREPARATION

[POWER SUPPLY & GROUND CIRCUIT]

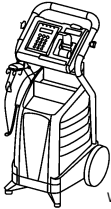
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000003882890

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]

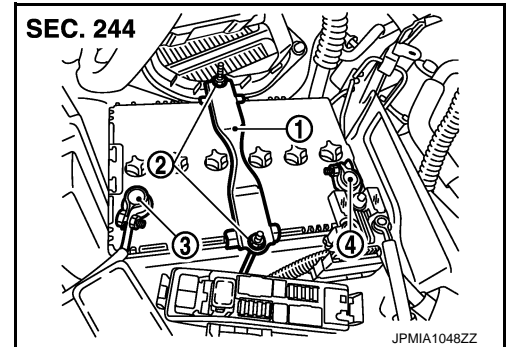
REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000003882891

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

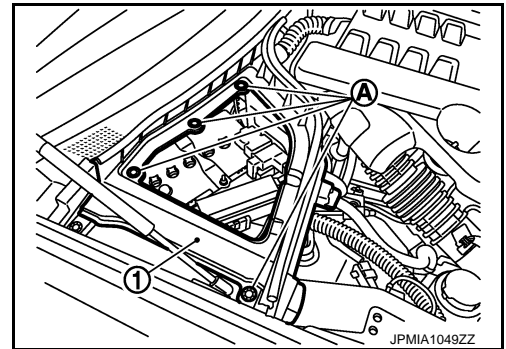


Removal and Installation

INFOID:000000003882892

REMOVAL

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

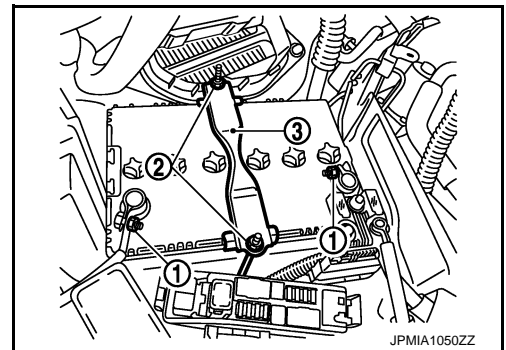


3. Remove cowl top cover RH. Refer to [EXT-22. "Exploded View"](#).
4. Remove cover of battery positive terminal.
5. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

CAUTION:

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

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



INSTALLATION

Install in the reverse order of removal.

CAUTION:

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

Battery fix frame mounting nut

: 3.9 N·m (0.40 kg-m, 35 in-lb)

Battery terminal nut

: 5.4 N·m (0.55 kg-m, 48 in-lb)

BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

Reset electronic systems as necessary. Refer to [GI-57, "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

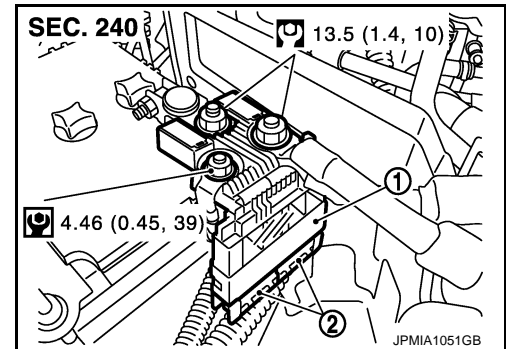
Exploded View

INFOID:000000003882893

1 : Battery terminal with fusible link

2 : Harness connector

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

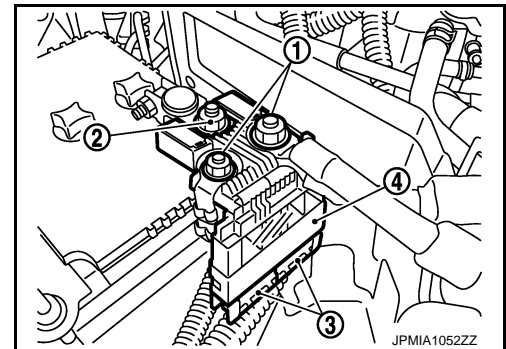


Removal and Installation

INFOID:000000003882894

REMOVAL

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



INSTALLATION

Install in the reverse order of removal.

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:000000003882895

Engine		VQ35HR	VK50VE
Type		80D23L	110D26L
20 hour rate capacity	[V - Ah]	12 - 62	12 - 75
Cold cranking current (For reference value)	[A]	582	720

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