

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

CONTENTS

POWER SUPPLY&GROUND CIRCUIT		
BASIC INSPECTION	3	
BATTERY	3	
How to Handle Battery	3	
Work Flow	5	
COMPONENT DIAGNOSIS	6	
POWER SUPPLY ROUTING CIRCUIT	6	
Wiring Diagram - BATTERY POWER SUPPLY -	6	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSIBLE LINK No. K -	15	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 6 -	18	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 7 -	21	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 10 -	23	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 32 -	26	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 34 -	28	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 50 -	32	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 53 -	37	
Wiring Diagram - ACCESSORY POWER SUPPLY -	44	
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -	47	
Wiring Diagram - IGNITION POWER SUPPLY -	51	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 3 -	62	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 4 -	69	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 44 -	71	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 45 -	74	
Fuse	77	F
Fusible Link	77	
Circuit Breaker	77	
HARNES LAYOUT	78	G
How To Read Harness Layout	78	
Outline	79	
Main Harness	80	H
Engine Room Harness	80	
Engine Control Harness	82	
Body Harness	85	I
Body No. 2 Harness	86	
Room Lamp Harness	87	
Front Door Harness (LH Side)	88	J
Front Door Harness (RH Side)	89	
Rear Door Harness (LH Side)	90	
Rear Door Harness (RH Side)	91	K
Back Door Harness	92	
HARNES CONNECTOR	93	L
Description	93	
STANDARDIZED RELAY	96	
Description	96	
FUSE BLOCK - JUNCTION BOX (J/B)	98	PG
Fuse, Connector and Terminal Arrangement	98	
FUSE, FUSIBLE LINK AND RELAY BOX	99	N
Fuse and Fusible Link Arrangement	99	
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	100	O
Fuse, Connector and Terminal Arrangement	100	
PRECAUTION	101	P
PRECAUTIONS	101	
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	101	
Precaution for Procedure without Cowl Top Cover.	101	

PREPARATION	102	BATTERY TERMINAL WITH FUSIBLE LINK..	105
		Exploded View	105
PREPARATION	102	Removal and Installation	105
Special Service Tools	102		
ON-VEHICLE REPAIR	103	SERVICE DATA AND SPECIFICATIONS	
		(SDS)	106
BATTERY	103	SERVICE DATA AND SPECIFICATIONS	
Exploded View	103	(SDS)	106
Removal and Installation	103	Battery	106

BASIC INSPECTION

BATTERY

How to Handle Battery

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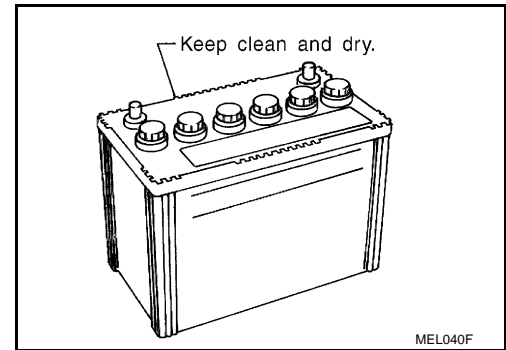
CAUTION:

- 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.

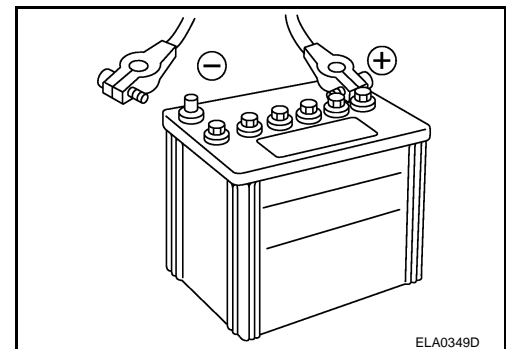
METHODS OF PREVENTING OVER-DISCHARGE

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

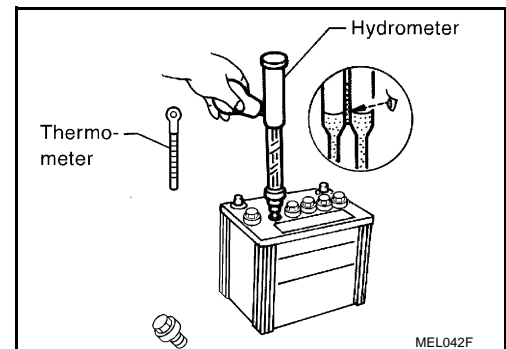
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



- 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.

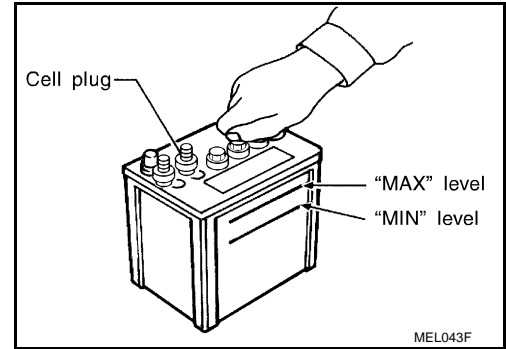
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

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

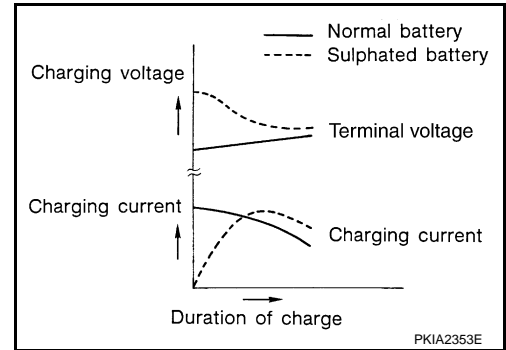


Sulphation

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.

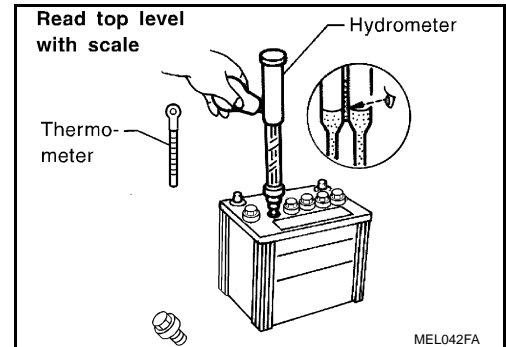
To determine if a battery has been "sulphated", note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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

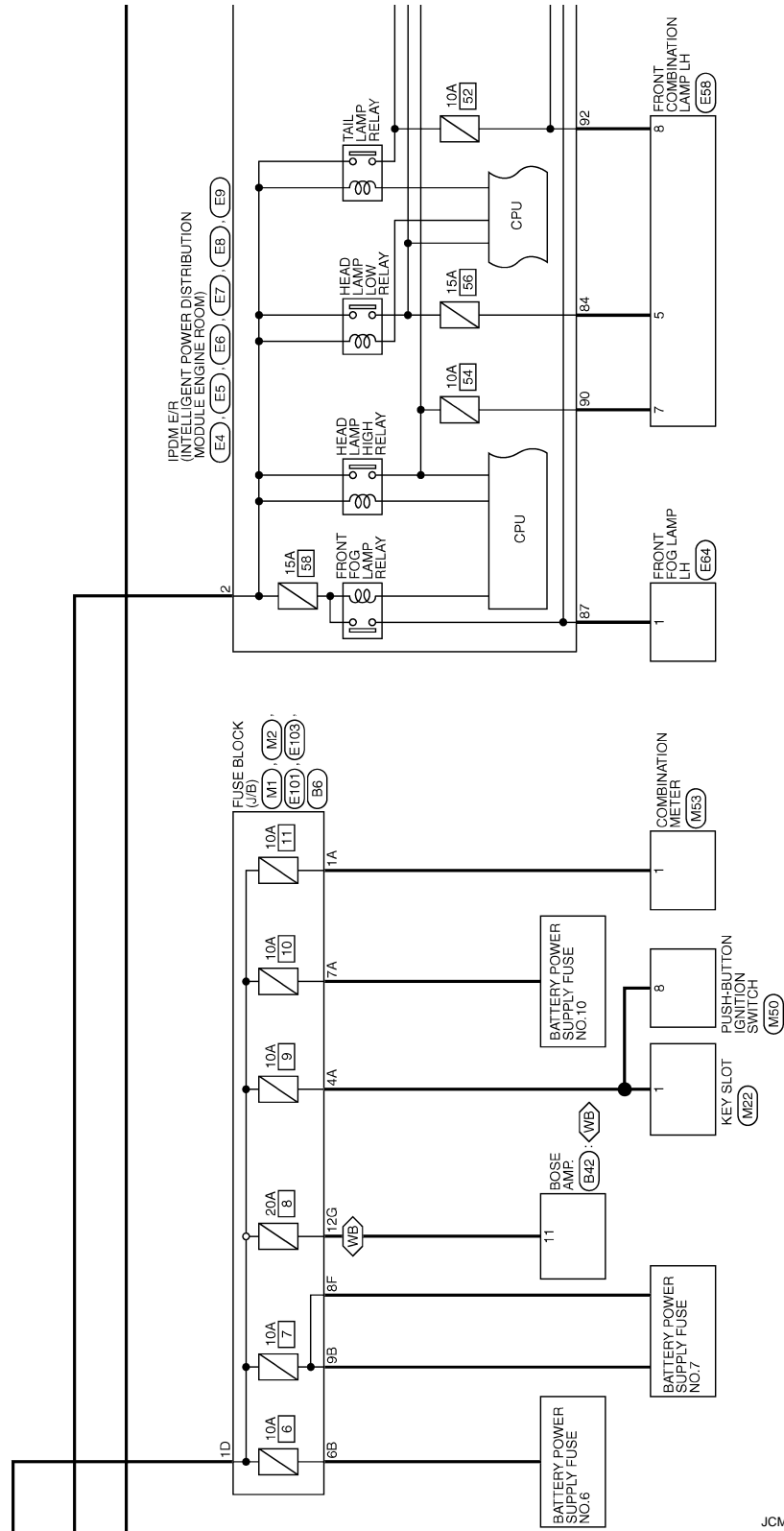
For battery testing, use Battery Service Center (J-48087). For details and operating instructions, refer to Technical Service Bulletin and/or Battery Service Center User Guide.

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

◁WB▷: With BOSE audio



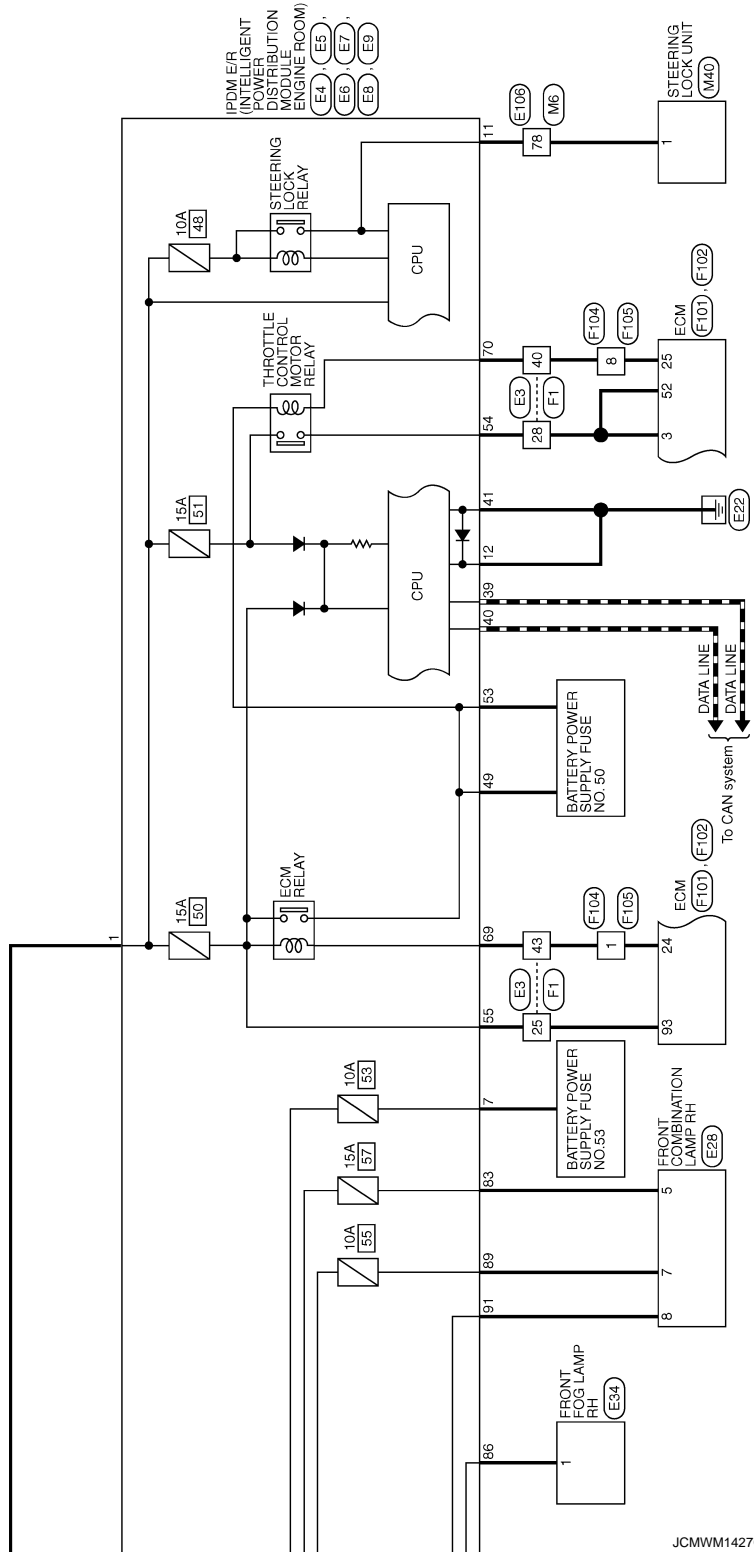
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



JCMWM1427G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

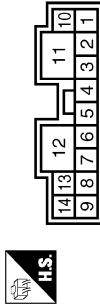
BATTERY POWER SUPPLY

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FB-CS



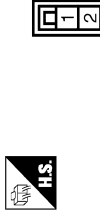
Terminal No.	12G	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SGA12FB-SJA2



Terminal No.	11	Color of Wire	GR	Signal Name [Specification]	BATTERY
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Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FBR-MC



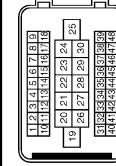
Terminal No.	1	Color of Wire	R	Signal Name [Specification]	-
Terminal No.	2	Color of Wire	W	Signal Name [Specification]	-

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FSY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA33MB-RS10-SJ22



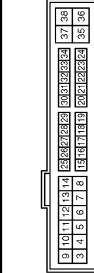
Terminal No.	25	Color of Wire	BR	Signal Name [Specification]	-
Terminal No.	26	Color of Wire	R	Signal Name [Specification]	-
Terminal No.	27	Color of Wire	O	Signal Name [Specification]	-
Terminal No.	28	Color of Wire	LG	Signal Name [Specification]	-
Terminal No.	31	Color of Wire	LG	Signal Name [Specification]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

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



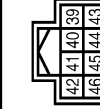
Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
Terminal No.	2	Color of Wire	L	Signal Name [Specification]	-

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



Terminal No.	7	Color of Wire	R	Signal Name [Specification]	-
Terminal No.	11	Color of Wire	BR	Signal Name [Specification]	-
Terminal No.	12	Color of Wire	B/W	Signal Name [Specification]	-
Terminal No.	38	Color of Wire	G	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/W	Signal Name [Specification]	-

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

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

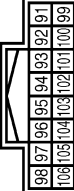
BATTERY POWER SUPPLY

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



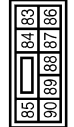
Terminal No.	2	Color of Wire	LG	Signal Name [Specification]	-
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Connector No.	E9
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH16FW-RH



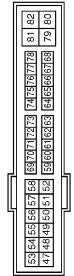
Terminal No.	91	Color of Wire	P	Signal Name [Specification]	-
Terminal No.	92	Color of Wire	O	Signal Name [Specification]	-

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



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

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



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

Connector No.	E34
Connector Name	FRONT FOG LAMP RH
Connector Type	FCJ 240PC023S4019



Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
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Connector No.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS08FB-PR



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

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



Terminal No.	1	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347 9F900



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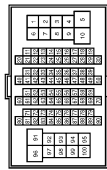


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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>E41</td></tr> <tr><td>Connector Name</td><td>ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)</td></tr> <tr><td>Connector Type</td><td>BAK42PE-AH24-LH</td></tr> </table>  	Connector No.	E41	Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)	Connector Type	BAK42PE-AH24-LH	<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>2</td><td>3</td></tr> <tr><td>Color of Wire</td><td>G</td><td>R</td><td></td></tr> <tr><td>Signal Name [Specification]</td><td>UBMR</td><td>UBVR</td><td></td></tr> </table>	Terminal No.	1	2	3	Color of Wire	G	R		Signal Name [Specification]	UBMR	UBVR	
Connector No.	E41																		
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)																		
Connector Type	BAK42PE-AH24-LH																		
Terminal No.	1	2	3																
Color of Wire	G	R																	
Signal Name [Specification]	UBMR	UBVR																	
<table border="1"> <tr><td>Connector No.</td><td>E43</td></tr> <tr><td>Connector Name</td><td>FRONT COMBINATION LAMP LH</td></tr> <tr><td>Connector Type</td><td>R303FB-PR</td></tr> </table>  	Connector No.	E43	Connector Name	FRONT COMBINATION LAMP LH	Connector Type	R303FB-PR	<table border="1"> <tr><td>Terminal No.</td><td>5</td><td>7</td><td>8</td></tr> <tr><td>Color of Wire</td><td>V</td><td>P</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	5	7	8	Color of Wire	V	P	O	Signal Name [Specification]			
Connector No.	E43																		
Connector Name	FRONT COMBINATION LAMP LH																		
Connector Type	R303FB-PR																		
Terminal No.	5	7	8																
Color of Wire	V	P	O																
Signal Name [Specification]																			
<table border="1"> <tr><td>Connector No.</td><td>E64</td></tr> <tr><td>Connector Name</td><td>FRONT FOG LAMP LH</td></tr> <tr><td>Connector Type</td><td>FCJ240FC023S4019</td></tr> </table>  	Connector No.	E64	Connector Name	FRONT FOG LAMP LH	Connector Type	FCJ240FC023S4019	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	1	Color of Wire	L	Signal Name [Specification]							
Connector No.	E64																		
Connector Name	FRONT FOG LAMP LH																		
Connector Type	FCJ240FC023S4019																		
Terminal No.	1																		
Color of Wire	L																		
Signal Name [Specification]																			
<table border="1"> <tr><td>Connector No.</td><td>E101</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>L01FW-MC</td></tr> </table>  	Connector No.	E101	Connector Name	FUSE BLOCK (J/B)	Connector Type	L01FW-MC	<table border="1"> <tr><td>Terminal No.</td><td>ID</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	ID	Color of Wire	R	Signal Name [Specification]							
Connector No.	E101																		
Connector Name	FUSE BLOCK (J/B)																		
Connector Type	L01FW-MC																		
Terminal No.	ID																		
Color of Wire	R																		
Signal Name [Specification]																			
<table border="1"> <tr><td>Connector No.</td><td>E102</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>M02FB-LC</td></tr> </table>  	Connector No.	E102	Connector Name	FUSE BLOCK (J/B)	Connector Type	M02FB-LC	<table border="1"> <tr><td>Terminal No.</td><td>1E</td></tr> <tr><td>Color of Wire</td><td>G</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	1E	Color of Wire	G	Signal Name [Specification]							
Connector No.	E102																		
Connector Name	FUSE BLOCK (J/B)																		
Connector Type	M02FB-LC																		
Terminal No.	1E																		
Color of Wire	G																		
Signal Name [Specification]																			
<table border="1"> <tr><td>Connector No.</td><td>E103</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS10FW-CS</td></tr> </table>  	Connector No.	E103	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS10FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>8F</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	8F	Color of Wire	L	Signal Name [Specification]							
Connector No.	E103																		
Connector Name	FUSE BLOCK (J/B)																		
Connector Type	NS10FW-CS																		
Terminal No.	8F																		
Color of Wire	L																		
Signal Name [Specification]																			
<table border="1"> <tr><td>Connector No.</td><td>E106</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TR00FW-GS16-TM4</td></tr> </table>  	Connector No.	E106	Connector Name	WIRE TO WIRE	Connector Type	TR00FW-GS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>78</td><td>92</td></tr> <tr><td>Color of Wire</td><td>BR</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td></tr> </table>	Terminal No.	78	92	Color of Wire	BR	L	Signal Name [Specification]					
Connector No.	E106																		
Connector Name	WIRE TO WIRE																		
Connector Type	TR00FW-GS16-TM4																		
Terminal No.	78	92																	
Color of Wire	BR	L																	
Signal Name [Specification]																			
<table border="1"> <tr><td>Connector No.</td><td>E201</td></tr> <tr><td>Connector Name</td><td>FUSIBLE LINK HOLDER</td></tr> <tr><td>Connector Type</td><td>24340 79008</td></tr> </table>  	Connector No.	E201	Connector Name	FUSIBLE LINK HOLDER	Connector Type	24340 79008	<table border="1"> <tr><td>Terminal No.</td><td>5</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td></td></tr> </table>	Terminal No.	5	Color of Wire	Y	Signal Name [Specification]							
Connector No.	E201																		
Connector Name	FUSIBLE LINK HOLDER																		
Connector Type	24340 79008																		
Terminal No.	5																		
Color of Wire	Y																		
Signal Name [Specification]																			

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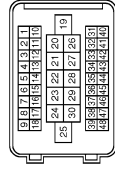
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAAS8FB-RS10-SJZZ



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

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	24348-51E61



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

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	24340-65E45



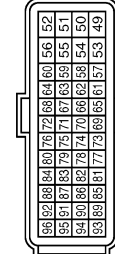
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	B

Connector No.	E202
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340-79B05



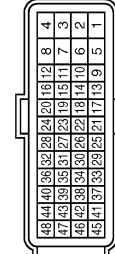
Terminal No.	Color of Wire	Signal Name [Specification]
6	R	-

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FBR-RZ8-L-LH-Z



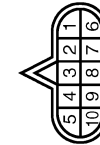
Terminal No.	Color of Wire	Signal Name [Specification]
52	R	VMOT2
93	P	BATT

Connector No.	F101
Connector Name	ECM
Connector Type	RH40FBR-RZ8-L-LH-Z



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

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



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

Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	HS03FB



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

JCMWM1431G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

BATTERY POWER SUPPLY

Connector No. F104	WIRE TO WIRE TH08FW-NH		Terminal No. 1 8	Color of Wire BR O	Signal Name [Specification] -
Connector No. F105	WIRE TO WIRE TH08MW-NH		Terminal No. 1 8	Color of Wire BR O	Signal Name [Specification] -
Connector No. F108	AWD CONTROL UNIT TH18FW-NH		Terminal No. 9	Color of Wire O	Signal Name [Specification] AWD SOL BAT
Connector No. F151	TCM (TRANSMISSION CONTROL MODULE) SP10FBGY		Terminal No. 9 10	Color of Wire W GR	Signal Name [Specification] STANDBY SUPPLY-1 STANDBY SUPPLY-2
Connector No. M1	FUSE BLOCK (J/B) NS08FW-M2		Terminal No. 1A 4A 7A	Color of Wire GR P R	Signal Name [Specification] -
Connector No. M2	FUSE BLOCK (J/B) NS10FW-CS		Terminal No. 6B 9B	Color of Wire Y SB	Signal Name [Specification] -
Connector No. M6	WIRE TO WIRE TH08MW-CS (6-TM4)		Terminal No. 78 92	Color of Wire O L	Signal Name [Specification] -
Connector No. M22	KEY SLOT TH12FW-NH		Terminal No. 1 R	Color of Wire R	Signal Name [Specification] BAT

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

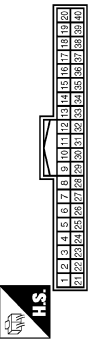
Connector No.	M40	Connector No.	M70
Connector Name	STEERING LOCK UNIT	Connector Name	HEATED SEAT RELAY
Connector Type	TH08FY-NH	Connector Type	MS02FL-M2

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

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

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

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



JCMWM1433G


POWER SUPPLY ROUTING CIRCUIT

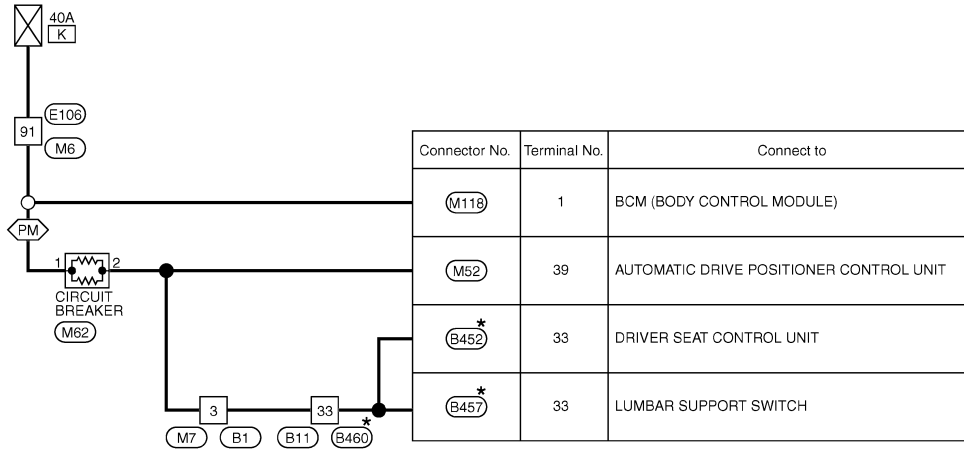
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[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000003131906

 : With automatic drive positioner



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

2007/10/26

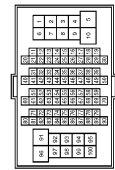



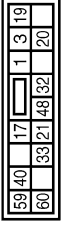

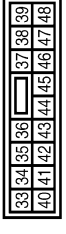









JCMWM1434G

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

BATTERY POWER SUPPLY FUSIBLE LINK NO.K			LINK NO.K		
Connector No.	B1	WIRE TO WIRE	TH80FW-CS16-TM4	Terminal No.	3
Connector Name	WIRE TO WIRE			Color of Wire	SB
Connector Type				Signal Name [Specification]	
					
					
Connector No.	B460	WIRE TO WIRE	NS16MW-CS	Terminal No.	33
Connector Name	WIRE TO WIRE			Color of Wire	R
Connector Type				Signal Name [Specification]	
					
					
Connector No.	B11	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)	NS16FW-CS	Terminal No.	33
Connector Name	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)			Color of Wire	SB
Connector Type				Signal Name [Specification]	
					
					
Connector No.	B452	DRIVER SEAT CONTROL UNIT	NS16FW-CS	Terminal No.	33
Connector Name	DRIVER SEAT CONTROL UNIT			Color of Wire	R
Connector Type				Signal Name [Specification]	BAT(C/B)
					
					
Connector No.	B457	LUMBAR SUPPORT SWITCH	NS30FW-CS	Terminal No.	33
Connector Name	LUMBAR SUPPORT SWITCH			Color of Wire	R
Connector Type				Signal Name [Specification]	
					
					
Connector No.	E06	WIRE TO WIRE	TH80FW-CS16-TM4	Terminal No.	91
Connector Name	WIRE TO WIRE			Color of Wire	W
Connector Type				Signal Name [Specification]	
					
					
Connector No.	M6	WIRE TO WIRE	TH80MW-CS16-TM4	Terminal No.	91
Connector Name	WIRE TO WIRE			Color of Wire	W
Connector Type				Signal Name [Specification]	
					
					
Connector No.	M7	WIRE TO WIRE	TH80MW-CS16-TM4	Terminal No.	3
Connector Name	WIRE TO WIRE			Color of Wire	SB
Connector Type				Signal Name [Specification]	- [With automatic drive positioner]
					
					

JCMWM1435G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK NO.K

Connector No.	M52
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	MS16FW-CS



Terminal No.	39	SB	Signal Name [Specification]	BAT (C/B)
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Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LC



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

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M02FE-LC



Terminal No.	1	W	Signal Name [Specification]	BAT (F/L)
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POWER SUPPLY ROUTING CIRCUIT

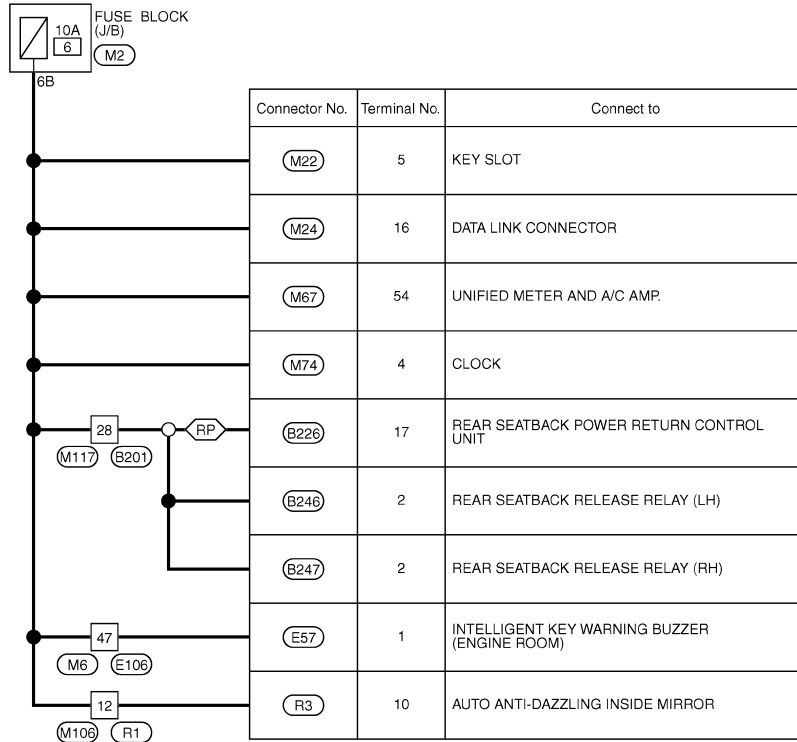
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000003131907

 : With rear seatback power return system



2007/10/26
















JCMWM1437G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.6

Connector No.	B201	Connector No.	B246	Connector No.	B247	Connector No.	E 06	Connector No.	E57	Terminal No.	1	Terminal No.	47	Terminal No.	68	Terminal No.	47
Connector Name	WIRE TO WIRE	REAR SEATBACK RELEASE RELAY (LH)	REAR SEATBACK RELEASE RELAY (RH)	REAR SEATBACK POWER RETURN CONTROL UNIT	REAR SEATBACK RELEASE RELAY (LH)	REAR SEATBACK RELEASE RELAY (RH)	WIRE TO WIRE	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)	WIRE TO WIRE	Color of Wire	Y	Color of Wire	LG	Color of Wire	Y	Color of Wire	Y
Connector Type	TH80FW-CS16-TM4	MS22FL-M2	MS22FL-M2	YAA1JFW	MS22FL-M2	MS22FL-M2	TH80FW-CS16-TM4	RK03FBR	TH80FW-CS16-TM4	Signal Name [Specification]	-	Signal Name [Specification]	BAT (SYSTEM)	Signal Name [Specification]	-	Signal Name [Specification]	-
																	
Terminal No.	28	2	2	17	2	2	28	2	2	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT


< COMPONENT DIAGNOSIS >

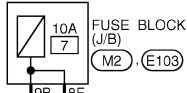
[POWER SUPPLY&GROUND CIRCUIT]





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

INFOID:000000003131908

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 : With ICC



Connector No.	Terminal No.	Connect to
	3	ICC BRAKE HOLD RELAY
	1	STOP LAMP SWITCH
	3	STOP LAMP SWITCH
	116	BCM (BODY CONTROL MODULE)

2007/10/26

JCMWM1440G

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.7

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



Terminal No.	3	Color of Wire	O	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	MS4FW-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	SB	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	SB	Signal Name [Specification]	FUSE CHECK
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JCMWM1441G


POWER SUPPLY ROUTING CIRCUIT

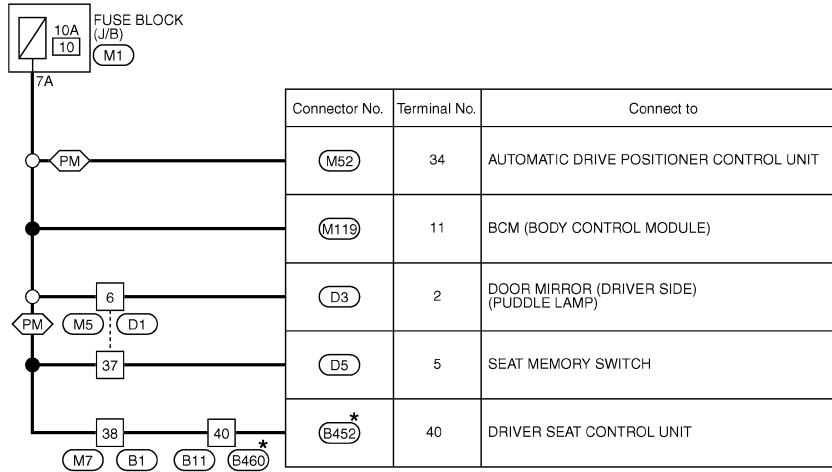
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[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000003131910

 : With automatic drive positioner



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

2007/10/26

JCMWM1442GI

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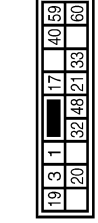
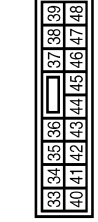
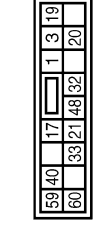
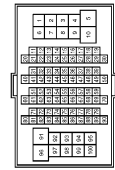
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

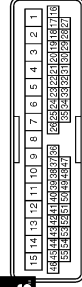
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.10

Connector No.	B1	Connector No.	B452	Connector No.	B11	Connector No.	B460
Connector Name	WIRE TO WIRE	Connector Name	DRIVER SEAT CONTROL UNIT	Connector Name	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)	Connector Name	WIRE TO WIRE
Connector Type	THB07V-CS16-TM4	Connector Type	NS16FW-CS	Connector Type	NS16FW-CS	Connector Type	NS16MW-CS
Terminal No.	38	Terminal No.	40	Terminal No.	40	Terminal No.	40
Color of Wire	BR	Color of Wire	40	Color of Wire	BR	Color of Wire	R/W
Signal Name [Specification]		Signal Name [Specification]	BAT(FUSE)	Signal Name [Specification]		Signal Name [Specification]	



Connector No.	D1	Connector No.	D3	Connector No.	D5	Connector No.	M1
Connector Name	WIRE TO WIRE	Connector Name	DOOR MIRROR (DRIVER SIDE)	Connector Name	SEAT MEMORY SWITCH	Connector Name	FUSE BLOCK (J/B)
Connector Type	TH407V-CS15	Connector Type	TH24MW-NH	Connector Type	A08FW	Connector Type	NS08FW-M2
Terminal No.	6	Terminal No.	2	Terminal No.	5	Terminal No.	7A
Color of Wire	O	Color of Wire	O	Color of Wire	R	Color of Wire	R
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	


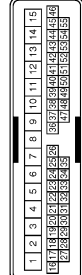

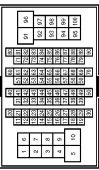




POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.10

Connector No.	M5	Connector No.	M7	Connector No.	M19	Terminal No.	11
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	BCM (BODY CONTROL MODULE)	Color of Wire	R
Connector Type	TH40MW-CS15	Connector Type	TH40MW-CS16-TM4	Connector Type	NS18PW-CS	Signal Name [Specification]	BAT (FUSE)
							
Terminal No.	6	Terminal No.	38	Terminal No.	34		
Color of Wire	R	Color of Wire	BR	Color of Wire	R		
	37						

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POWER SUPPLY ROUTING CIRCUIT


< COMPONENT DIAGNOSIS >

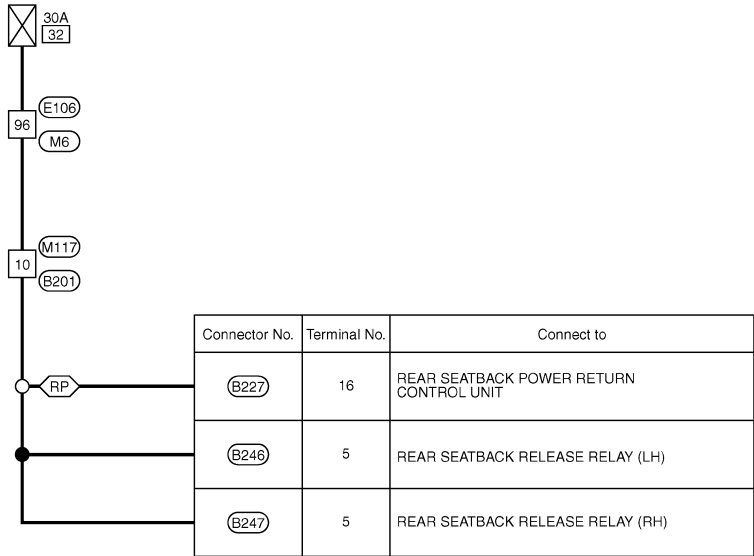
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 32 -

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BATTERY POWER SUPPLY FUSE NO.32

 : With rear seatback power return system



2007/10/26





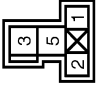
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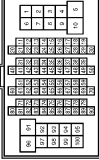




POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE NO.32

Connector No.	B201	Connector No.	B227	Connector No.	B246	Connector No.	B247
Connector Name	WIRE TO WIRE	REAR SEATBACK POWER RETURN CONTROL UNIT	REAR SEATBACK RELEASE RELAY (LH)	REAR SEATBACK RELEASE RELAY (RH)	REAR SEATBACK RELEASE RELAY (LH)	REAR SEATBACK RELEASE RELAY (RH)	REAR SEATBACK RELEASE RELAY (RH)
Connector Type	TH80FW-CS16-TM4	SEAUGFN	MS2FL-M2	MS2FL-M2	MS2FL-M2	MS2FL-M2	MS2FL-M2
							
Terminal No.	10	16	5	5	5	5	5
Color of Wire	W	W	W	W	W	W	W
Signal Name [Specification]	—	BAT (POWER)	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]

Connector No.	E108	Connector No.	M6	Connector No.	M117
Connector Name	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4	TH80MW-CS16-TM4	TH80MW-CS16-TM4	TH80MW-CS16-TM4	TH80MW-CS16-TM4
					
Terminal No.	96	96	10	10	10
Color of Wire	P	W	W	W	W
Signal Name [Specification]	—	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]

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POWER SUPPLY ROUTING CIRCUIT

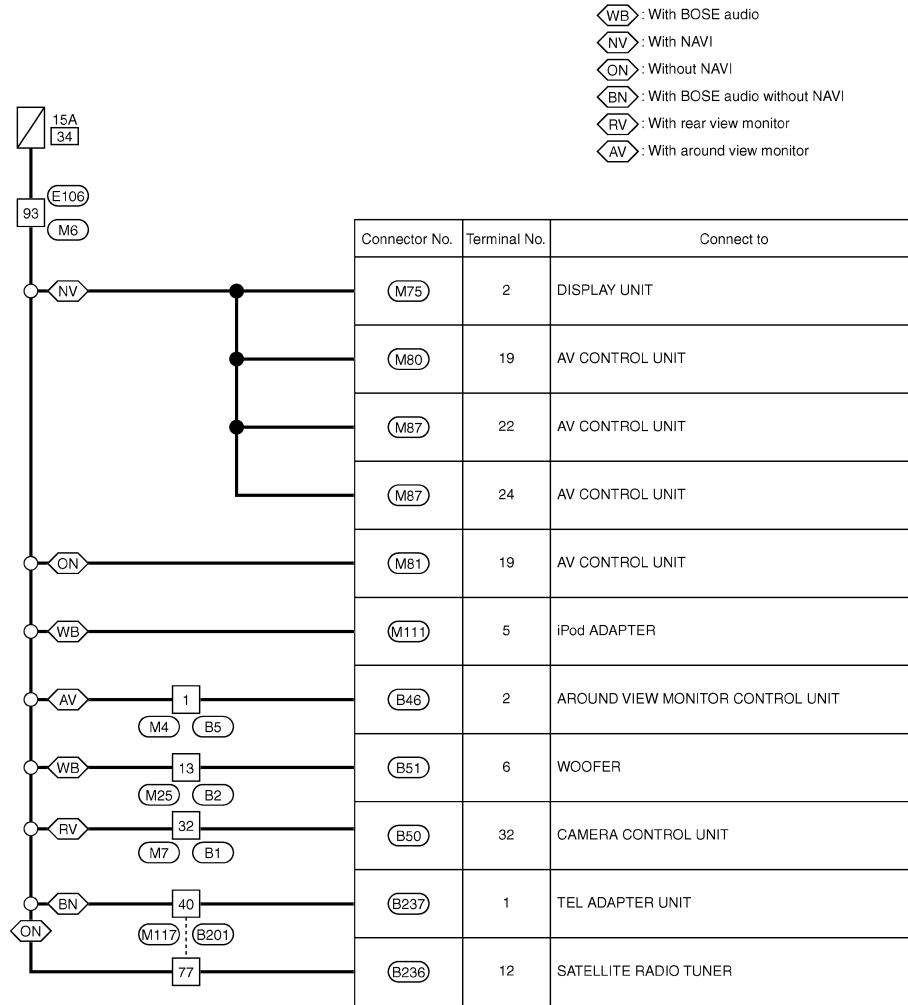
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000003131911

BATTERY POWER SUPPLY FUSE NO.34



2007/10/26

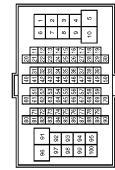





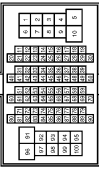

JCMWM1447G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.34

Connector No. B1	WIRE TO WIRE TH82FW-NH		Terminal No. 32	L	Signal Name [Specification]	BATTERY
Connector No. B2	WIRE TO WIRE NS16FW-CS		Terminal No. 13	W	Signal Name [Specification]	BATTERY
Connector No. B5	WIRE TO WIRE TH42MW-NH		Terminal No. 1	Y	Signal Name [Specification]	
Connector No. B46	AROUND VIEW MONITOR CONTROL UNIT TH40FW-NH		Terminal No. 2	Y	Signal Name [Specification]	BATTERY
Connector No. B50	CAMERA CONTROL UNIT TH22FW-NH		Terminal No. 32	L	Signal Name [Specification]	BATTERY
Connector No. B51	WOOPER RS08FGY-PR		Terminal No. 6	W	Signal Name [Specification]	BATTERY
Connector No. B201	WIRE TO WIRE TH82FW-CS16-TM4		Terminal No. 40	Y	Signal Name [Specification]	
Connector No. B236	SATELLITE RADIO TUNER A16FW		Terminal No. 12	Y	Signal Name [Specification]	BATTERY

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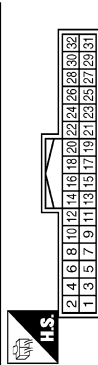
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

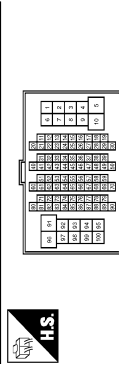
BATTERY POWER SUPPLY FUSE NO.34

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



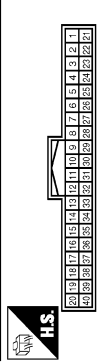
Terminal No.	1	Y	Color of Wire	Signal Name [Specification]
				BATTERY

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



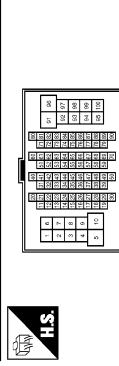
Terminal No.	93	Y	Color of Wire	Signal Name [Specification]
				-

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



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

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



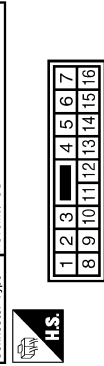
Terminal No.	93	Y	Color of Wire	Signal Name [Specification]
				-

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



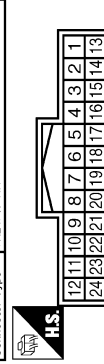
Terminal No.	32	Y	Color of Wire	Signal Name [Specification]
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Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



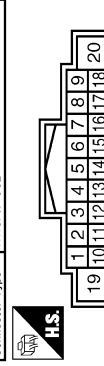
Terminal No.	13	Y	Color of Wire	Signal Name [Specification]
				-

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



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

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



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

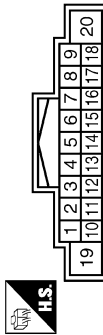
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

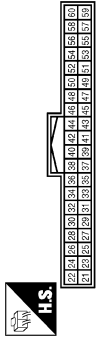
BATTERY POWER SUPPLY FUSE NO.34

Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18PW-CSZ



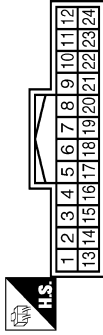
Terminal No.	19	Y	Signal Name [Specification]	BATTERY
Color of Wire	Y			

Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH4QFW-NH



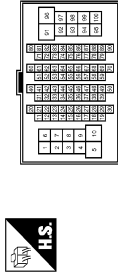
Terminal No.	22	Y	Signal Name [Specification]	BATTERY
Color of Wire	Y			
Terminal No.	24	Y	Signal Name [Specification]	BATTERY
Color of Wire	Y			

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



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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MP-CS16-TM4



Terminal No.	40	Y	Signal Name [Specification]	
Color of Wire	Y			
Terminal No.	77	Y	Signal Name [Specification]	
Color of Wire	Y			

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POWER SUPPLY ROUTING CIRCUIT

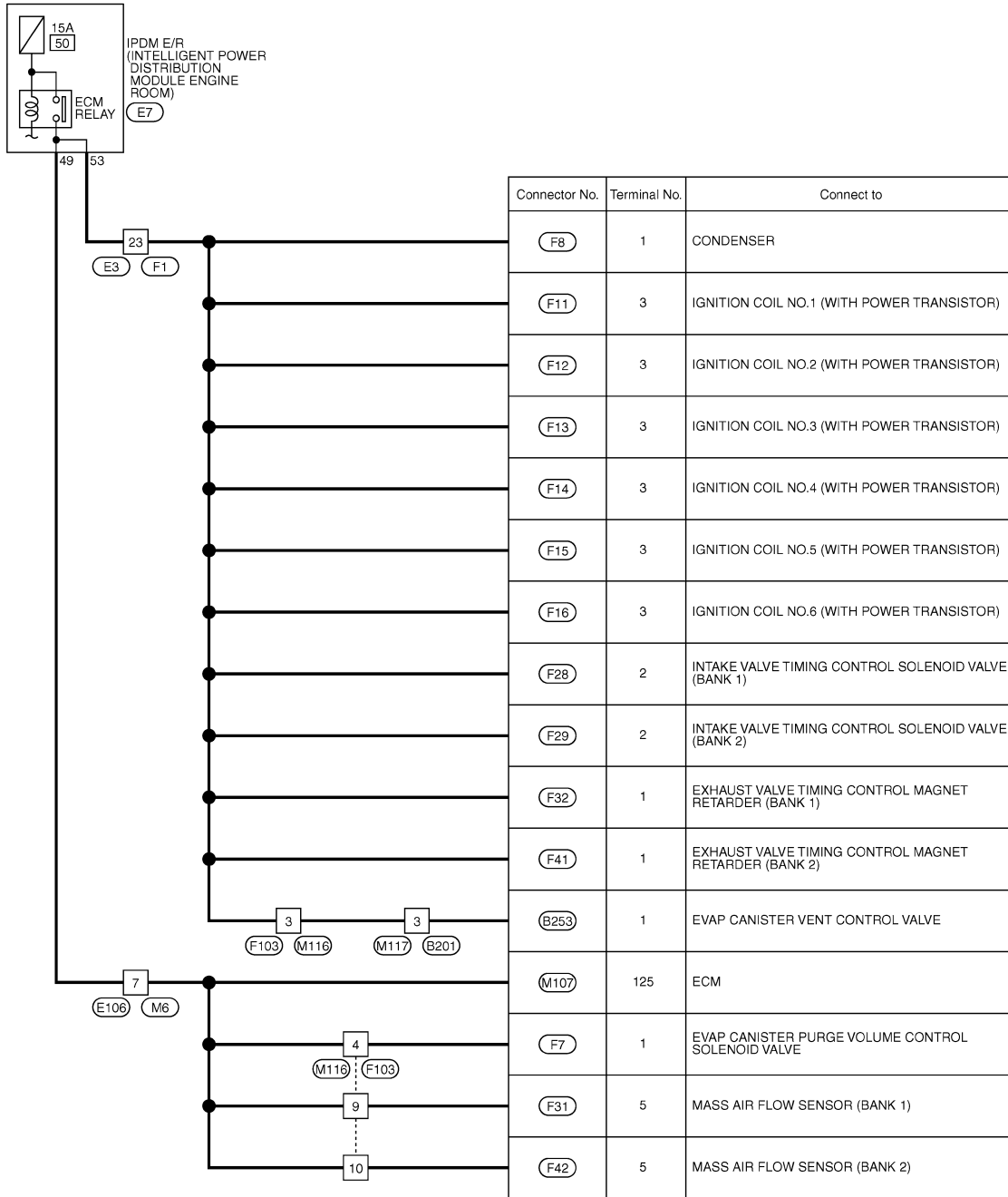
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000003131912

BATTERY POWER SUPPLY FUSE NO.50



2007/10/26

JCMWM1451G


POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]


BATTERY POWER SUPPLY FUSE NO.50

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




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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA38MF-RS10-SJ22




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

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




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

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




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

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS10-SJ22




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

Connector No.	F8
Connector Name	CONDENSER
Connector Type	MD2FW-LC




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

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




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

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS10-SJ22



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.50

Connector No.	F11
Connector Name	IGNITION COIL NO.1 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
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Connector No.	F12
Connector Name	IGNITION COIL NO.2 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
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Connector No.	F13
Connector Name	IGNITION COIL NO.3 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
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Connector No.	F14
Connector Name	IGNITION COIL NO.4 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
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Connector No.	F15
Connector Name	IGNITION COIL NO.5 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
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Connector No.	F16
Connector Name	IGNITION COIL NO.6 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



Terminal No.	3	Color of Wire	W	Signal Name [Specification]	
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Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EO2FG-RS-LGY



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	
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Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EO2FG-RS-LGY



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.50

Connector No.	F31	Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK1)	Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH06FB	Connector Type	RH06FB

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

Connector No.	F41	Connector No.	M107
Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 2)	Connector Name	ECM
Connector Type	RS04FL-B	Connector Type	RH24FGY-R28-R-LH-Z

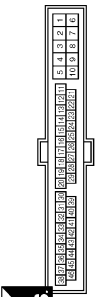
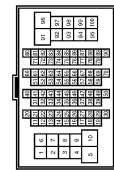
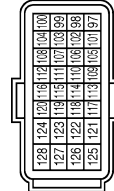
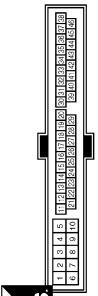
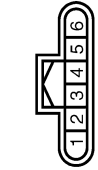
Terminal No.	1	Terminal No.	125
Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	VBR

Connector No.	F32	Connector No.	M6
Connector Name	EXHAUST VALVE TIMING CONTROL MAGNET RETARDER (BANK 1)	Connector Name	WIRE TO WIRE
Connector Type	RS04FL-B	Connector Type	TH80MW-CS16-TM4

Terminal No.	1	Terminal No.	7
Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-

Connector No.	F03	Connector No.	M16
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE
Connector Type	TK36FW-NS10	Connector Type	TK36MW-NS10

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



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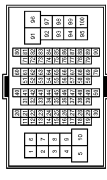
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.50

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	THB0MW-C5J(F-TM)



Terminal No.	3	Color of Wire	L	Signal Name (Specification)	-
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JCMWM1455G

POWER SUPPLY ROUTING CIRCUIT

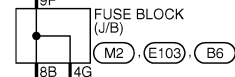
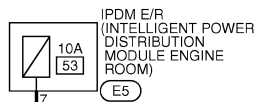
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[POWER SUPPLY&GROUND CIRCUIT]

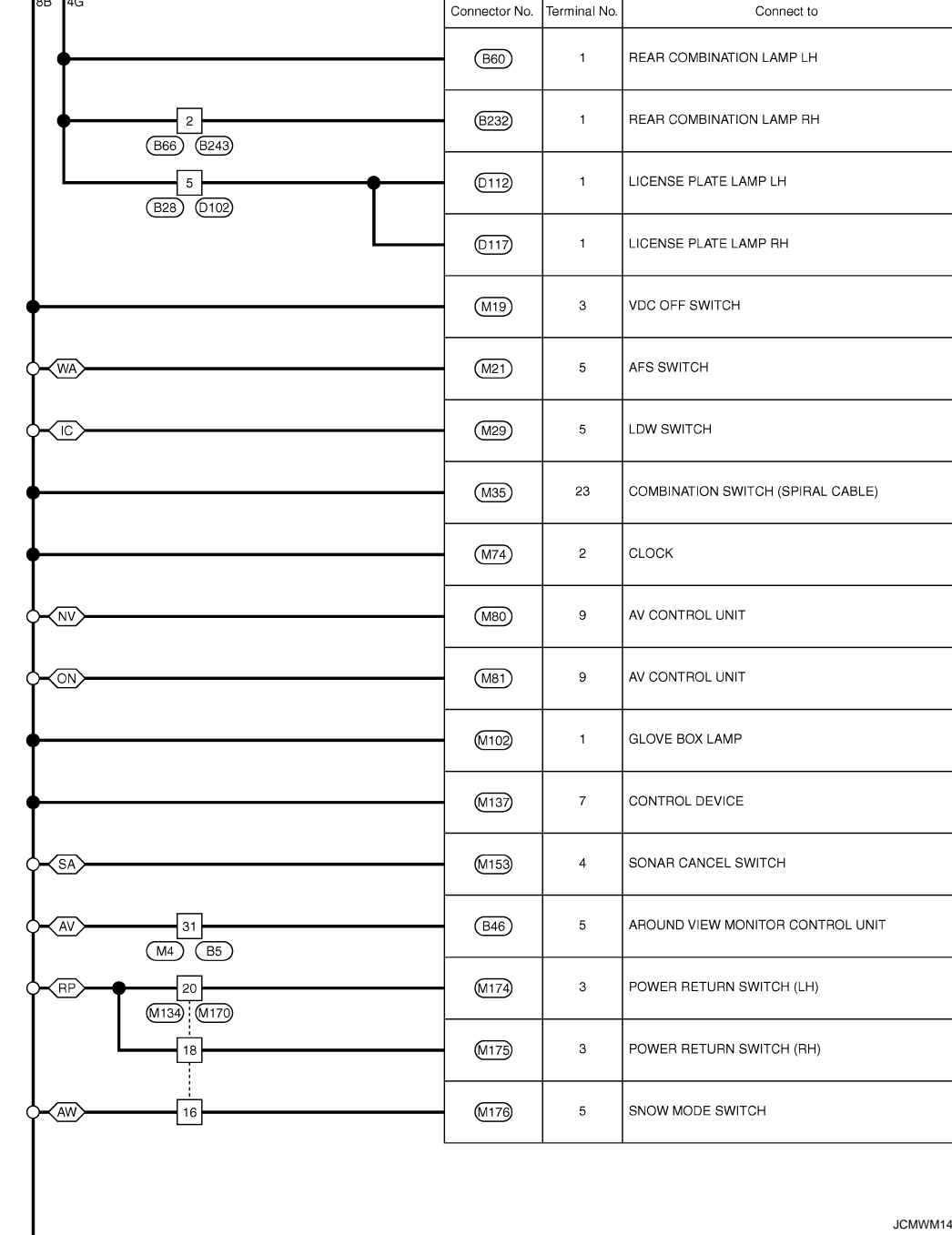
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

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BATTERY POWER SUPPLY FUSE NO.53



- ◊IC◊ : With ICC
- ◊AW◊ : AWD models
- ◊WA◊ : With AFS
- ◊NV◊ : With NAVI
- ◊ON◊ : Without NAVI
- ◊PM◊ : With automatic drive positioner
- ◊OP◊ : Without automatic drive positioner
- ◊SA◊ : With sonar system without around view monitor
- ◊RP◊ : With rear seatback power return system
- ◊AV◊ : With around view monitor



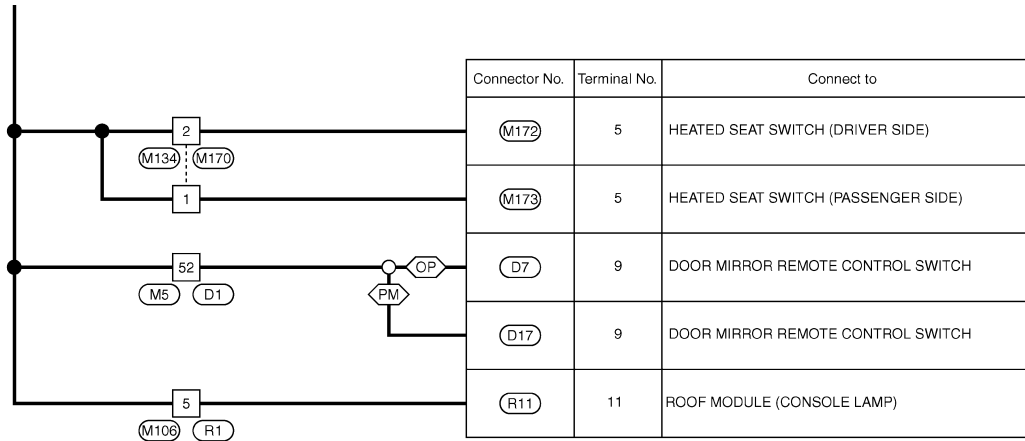
JCMWM1456G

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



2007/10/26

JCMWM1457G

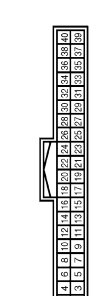
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.53

Connector No.	B5	Connector No.	B6	Connector No.	B23	Connector No.	B46
Connector Name	WIRE TO WIRE	Connector Name	FUSE BLOCK (J/B)	Connector Name	WIRE TO WIRE	Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40MW-NH	Connector Type	NS1ZPER-CS	Connector Type	TH24MW-NH	Connector Type	TH40FW-NH
Terminal No.	31	Terminal No.	4G	Terminal No.	5	Terminal No.	5
Color of Wire	O	Color of Wire	R	Color of Wire	R	Color of Wire	O
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	ILLUMINATION



Connector No.	B60	Connector No.	B65	Terminal No.	2
Connector Name	REAR COMBINATION LAMP LH	Connector Name	WIRE TO WIRE	Color of Wire	R
Connector Type	TH04MW-NH	Connector Type	TH24MW-NH	Signal Name [Specification]	-
Terminal No.	1	Terminal No.	2	Color of Wire	R
Color of Wire	R	Color of Wire	R	Signal Name [Specification]	-
Signal Name [Specification]	-	Signal Name [Specification]	-	Terminal No.	1



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

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

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

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.53

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

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

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

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

Connector No.	D17
Connector Name	ROOM MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)
Connector Type	TK18FBR

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

Connector No.	D12
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR

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

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FW-CS

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

Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-GS12-M4-IV

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

Connector No.	D17
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR

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

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

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

JCMWM1459G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.53

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



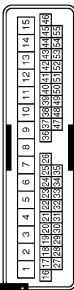
Terminal No.	8B	R	Signal Name [Specification]	-
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Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH4QFW-NH



Terminal No.	31	R	Signal Name [Specification]	-
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Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH4QMW-CS1.5



Terminal No.	52	R	Signal Name [Specification]	-
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Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK0BFGY



Terminal No.	3	R	Signal Name [Specification]	-
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Connector No.	M21
Connector Name	AFS SWITCH
Connector Type	TK0BFW-1V



Terminal No.	5	R	Signal Name [Specification]	-
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Connector No.	M29
Connector Name	LDW SWITCH
Connector Type	TK0BFGY



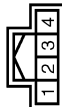
Terminal No.	5	R	Signal Name [Specification]	-
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Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK0BFW-EX-1V



Terminal No.	23	R	Signal Name [Specification]	-
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Connector No.	M74
Connector Name	LOCK
Connector Type	TH04FW-NH



Terminal No.	2	R	Signal Name [Specification]	ILLUMINATION (+)
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]


BATTERY POWER SUPPLY FUSE NO.53

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NSS



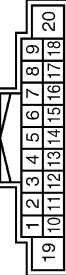
Terminal No.	Color of Wire	Signal Name [Specification]
5	R	-

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




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

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




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

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



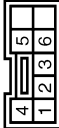
Terminal No.	Color of Wire	Signal Name [Specification]
9	R	ILLUMINATION

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




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

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




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

Connector No.	M137
Connector Name	CONTROL DEVICE
Connector Type	TH12FW-NH



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

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



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









JCMWM1461G







POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.53

Connector No.	M172	Connector No.	M173	Connector No.	M174	Connector No.	M175
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)	HEATED SEAT SWITCH (PASSENGER SIDE)	HEATED SEAT SWITCH (PASSENGER SIDE)	POWER RETURN SWITCH (LH)	POWER RETURN SWITCH (LH)	POWER RETURN SWITCH (RH)	POWER RETURN SWITCH (RH)
Connector Type	NS08FW-CS	NS08FW-CS	NS08FW-CS	TK04FW	TK04FW	TK04FW-B	TK04FW-B
							
Terminal No.	5	5	5	3	3	3	3
Color of Wire	L	R	R	R	R	G	G
Signal Name [Specification]	-	-	-	-	-	-	-

Connector No.	M176	Connector No.	R1	Connector No.	R11
Connector Name	SNOW MODE SWITCH	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE	WIRE TO WIRE
Connector Type	TK08FW	TK10FW-NSB	TK10FW-NSB	TH12MW-NH	TH12MW-NH
					
Terminal No.	5	5	5	11	11
Color of Wire	P	Y	Y	L	L
Signal Name [Specification]	-	-	-	-	-

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POWER SUPPLY ROUTING CIRCUIT

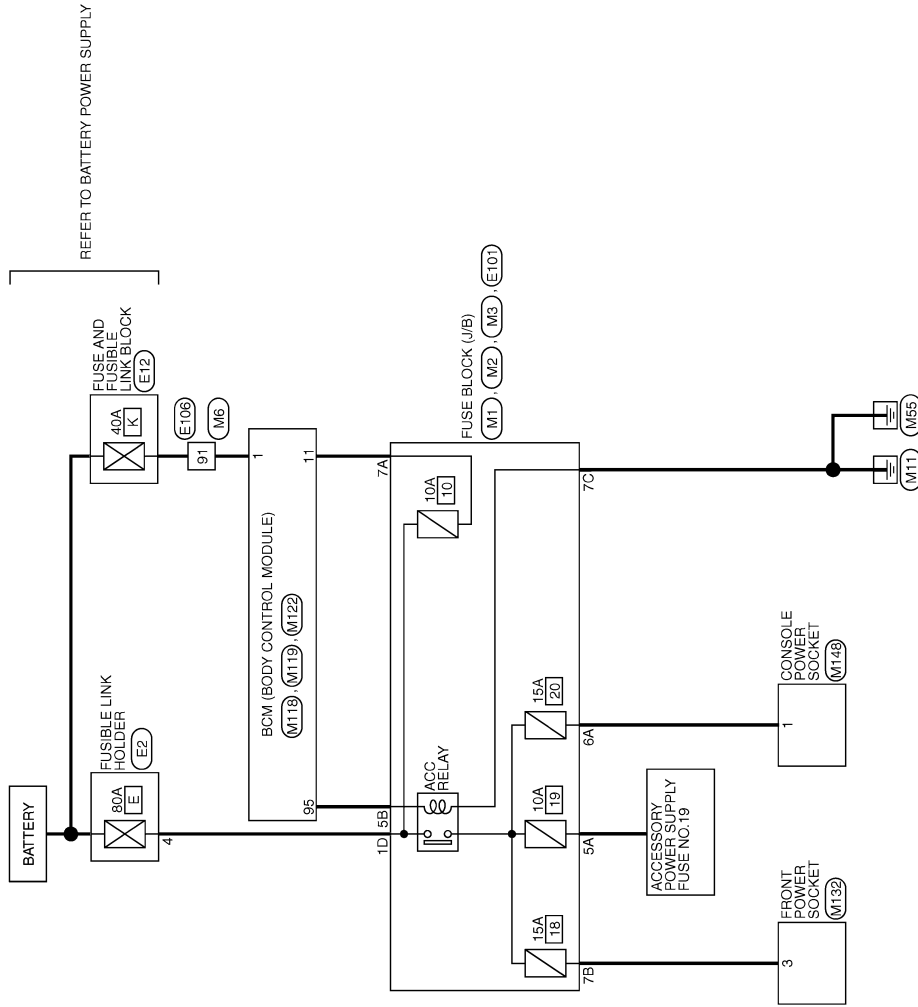
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



2007/10/26





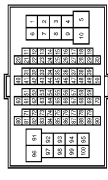





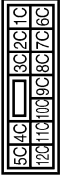

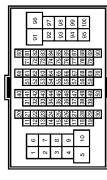



JCMWM1463G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>E2</td></tr> <tr><td>Connector Name</td><td>FUSIBLE LINK HOLDER</td></tr> <tr><td>Connector Type</td><td>LOFCY-1MC</td></tr> </table>  	Connector No.	E2	Connector Name	FUSIBLE LINK HOLDER	Connector Type	LOFCY-1MC	<table border="1"> <tr><td>Terminal No.</td><td>4</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	4	Color of Wire	R	Signal Name [Specification]	-												
Connector No.	E2																								
Connector Name	FUSIBLE LINK HOLDER																								
Connector Type	LOFCY-1MC																								
Terminal No.	4																								
Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>E101</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>LO1FW-1MC</td></tr> </table>  	Connector No.	E101	Connector Name	FUSE BLOCK (J/B)	Connector Type	LO1FW-1MC	<table border="1"> <tr><td>Terminal No.</td><td>1D</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1D	Color of Wire	R	Signal Name [Specification]	-												
Connector No.	E101																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	LO1FW-1MC																								
Terminal No.	1D																								
Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>E106</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TRH0FW-CS16-TM4</td></tr> </table>  	Connector No.	E106	Connector Name	WIRE TO WIRE	Connector Type	TRH0FW-CS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>91</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	91	Color of Wire	W	Signal Name [Specification]	-												
Connector No.	E106																								
Connector Name	WIRE TO WIRE																								
Connector Type	TRH0FW-CS16-TM4																								
Terminal No.	91																								
Color of Wire	W																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M1</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS03FW-M2</td></tr> </table>  	Connector No.	M1	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS03FW-M2	<table border="1"> <tr><td>Terminal No.</td><td>5A</td></tr> <tr><td>Color of Wire</td><td>V</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>6A</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>7A</td></tr> <tr><td>Color of Wire</td><td>R</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	5A	Color of Wire	V	Signal Name [Specification]	-	Terminal No.	6A	Color of Wire	Y	Signal Name [Specification]	-	Terminal No.	7A	Color of Wire	R	Signal Name [Specification]	-
Connector No.	M1																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	NS03FW-M2																								
Terminal No.	5A																								
Color of Wire	V																								
Signal Name [Specification]	-																								
Terminal No.	6A																								
Color of Wire	Y																								
Signal Name [Specification]	-																								
Terminal No.	7A																								
Color of Wire	R																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M2</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS10FW-CS</td></tr> </table>  	Connector No.	M2	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS10FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>5B</td></tr> <tr><td>Color of Wire</td><td>O</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> <tr><td>Terminal No.</td><td>7B</td></tr> <tr><td>Color of Wire</td><td>P</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	5B	Color of Wire	O	Signal Name [Specification]	-	Terminal No.	7B	Color of Wire	P	Signal Name [Specification]	-						
Connector No.	M2																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	NS10FW-CS																								
Terminal No.	5B																								
Color of Wire	O																								
Signal Name [Specification]	-																								
Terminal No.	7B																								
Color of Wire	P																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M3</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS12FW-CS</td></tr> </table>  	Connector No.	M3	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS12FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>7C</td></tr> <tr><td>Color of Wire</td><td>B</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	7C	Color of Wire	B	Signal Name [Specification]	-												
Connector No.	M3																								
Connector Name	FUSE BLOCK (J/B)																								
Connector Type	NS12FW-CS																								
Terminal No.	7C																								
Color of Wire	B																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M6</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TRH0MW-CS16-TM4</td></tr> </table>  	Connector No.	M6	Connector Name	WIRE TO WIRE	Connector Type	TRH0MW-CS16-TM4	<table border="1"> <tr><td>Terminal No.</td><td>91</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	91	Color of Wire	W	Signal Name [Specification]	-												
Connector No.	M6																								
Connector Name	WIRE TO WIRE																								
Connector Type	TRH0MW-CS16-TM4																								
Terminal No.	91																								
Color of Wire	W																								
Signal Name [Specification]	-																								
<table border="1"> <tr><td>Connector No.</td><td>M18</td></tr> <tr><td>Connector Name</td><td>ECM (BODY CONTROL MODULE)</td></tr> <tr><td>Connector Type</td><td>MD3FB-1C</td></tr> </table>  	Connector No.	M18	Connector Name	ECM (BODY CONTROL MODULE)	Connector Type	MD3FB-1C	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>BAT (F/L)</td></tr> </table>	Terminal No.	1	Color of Wire	W	Signal Name [Specification]	BAT (F/L)												
Connector No.	M18																								
Connector Name	ECM (BODY CONTROL MODULE)																								
Connector Type	MD3FB-1C																								
Terminal No.	1																								
Color of Wire	W																								
Signal Name [Specification]	BAT (F/L)																								




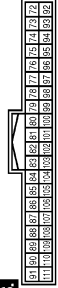




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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	M119	Connector No.	M122	Connector No.	M132	Connector No.	M148
Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	FRONT POWER SOCKET	Connector Name	CONSOLE POWER SOCKET
Connector Type	NS16FW-CS	Connector Type	T14GF-B-NH	Connector Type	NS36FW-CS	Connector Type	PO2FB-Z
							
Terminal No.	11	Terminal No.	95	Terminal No.	3	Terminal No.	1
Color of Wire	R	Color of Wire	O	Color of Wire	P	Color of Wire	Y
Signal Name [Specification]	BAT (FUSE)	Signal Name [Specification]	ACC RELAY CONT	Signal Name [Specification]	-	Signal Name [Specification]	-

JCMWM1465G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

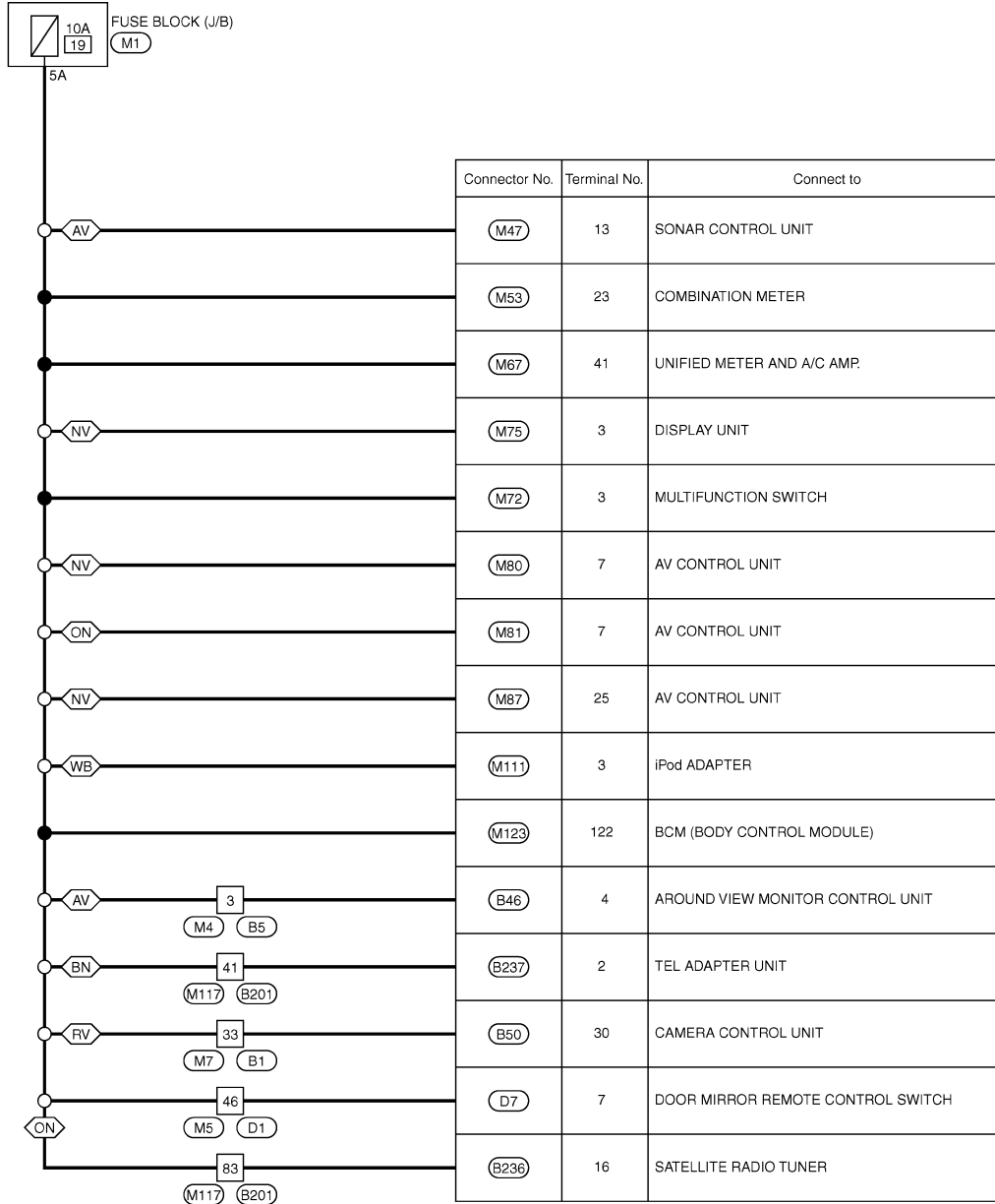
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE NO.19

- ◊WB◊ : With BOSE audio
- ◊NV◊ : With NAVI
- ◊ON◊ : Without NAVI
- ◊BN◊ : With BOSE audio without NAVI
- ◊RV◊ : With rear view monitor
- ◊AV◊ : With around view monitor



2007/10/26

JCMWM1466GI

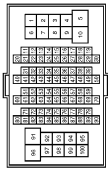


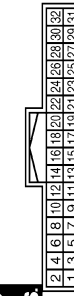
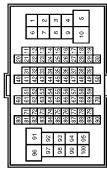
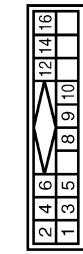
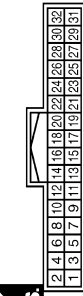
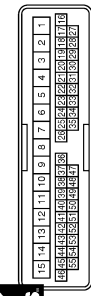
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE NO.19

Connector No. B1	WIRE TO WIRE	TH80FW-CS16-TM4		Terminal No. 33	Color of Wire LG	Signal Name [Specification]	—
Connector No. B5	WIRE TO WIRE	TH40MPV-NH		Terminal No. 3	Color of Wire GR	Signal Name [Specification]	—
Connector No. B46	AROUND VIEW MONITOR CONTROL UNIT	TH40FW-NH		Terminal No. 4	Color of Wire GR	Signal Name [Specification]	ACC
Connector No. B50	CAMERA CONTROL UNIT	TH82FW-NH		Terminal No. 30	Color of Wire LG	Signal Name [Specification]	ACC
Connector No. B201	WIRE TO WIRE	TH80FW-CS16-TM4		Terminal No. 41	Color of Wire LG	Signal Name [Specification]	—
Connector No. B238	SATELLITE RADIO TUNER	A16FW		Terminal No. 16	Color of Wire V	Signal Name [Specification]	ACC
Connector No. B237	TEL ADAPTER UNIT	TH82FW-NH		Terminal No. 2	Color of Wire LG	Signal Name [Specification]	ACC
Connector No. D1	WIRE TO WIRE	TH40FW-CS15		Terminal No. 46	Color of Wire V	Signal Name [Specification]	— [Without automatic drive postioner]

JCMWM1467G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE NO.19

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



Terminal No.	7	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NSGFW-MZ



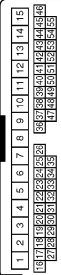
Terminal No.	5A	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH43FW-NH



Terminal No.	3	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



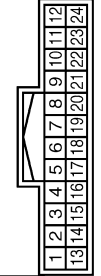
Terminal No.	46	Color of Wire	V	Signal Name [Specification]	- [Without automatic drive positioner]
	46		SS		- [With automatic drive positioner]

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16F-TM4



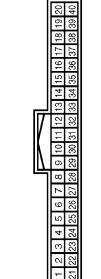
Terminal No.	33	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	M47
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24FW-NH



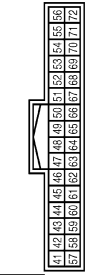
Terminal No.	13	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH43FW-NH



Terminal No.	23	Color of Wire	L	Signal Name [Specification]	ACC
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Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	TH32FW-NH



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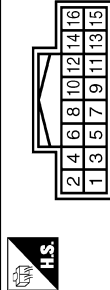
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

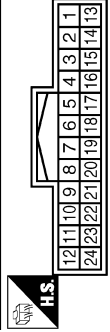
ACCESSORY POWER SUPPLY FUSE NO.19

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



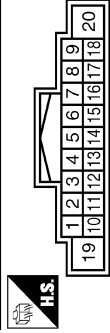
Terminal No.	3	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M75
Connector Name	DISPLAY UNIT (WITH NAVI)
Connector Type	TH24FW-NH



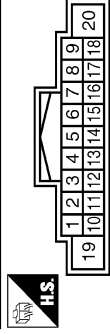
Terminal No.	3	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CSZ



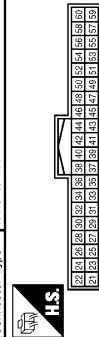
Terminal No.	7	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CSZ



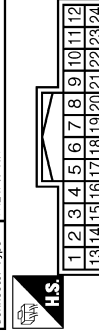
Terminal No.	7	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FW-NH



Terminal No.	25	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M111
Connector Name	IPod ADAPTER
Connector Type	TH24FW-NH



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



Terminal No.	41	Color of Wire	G	Signal Name [Specification]	-
Terminal No.	63	Color of Wire	V	Signal Name [Specification]	-

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



Terminal No.	122	Color of Wire	V	Signal Name [Specification]	ACC F/B
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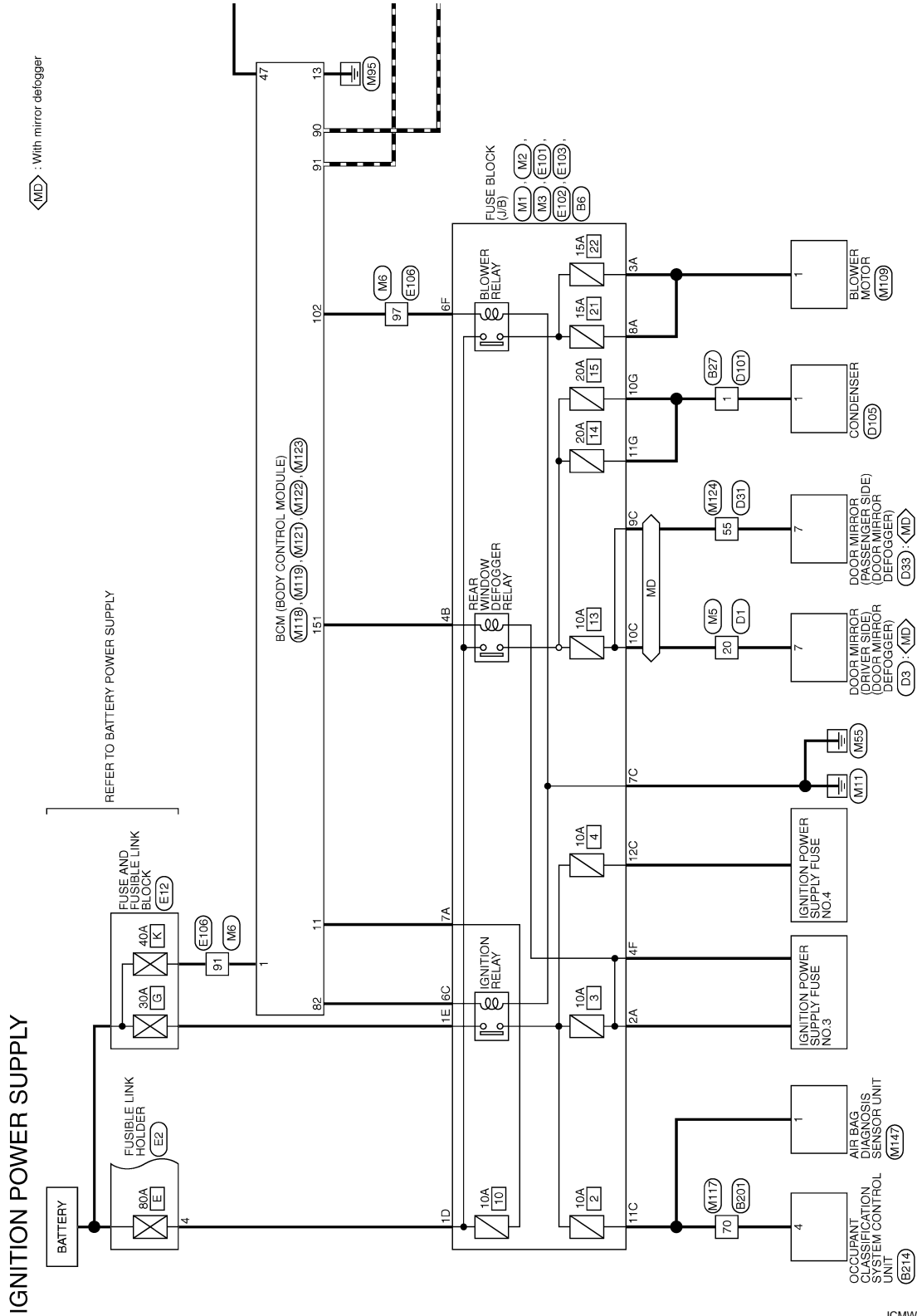
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY -

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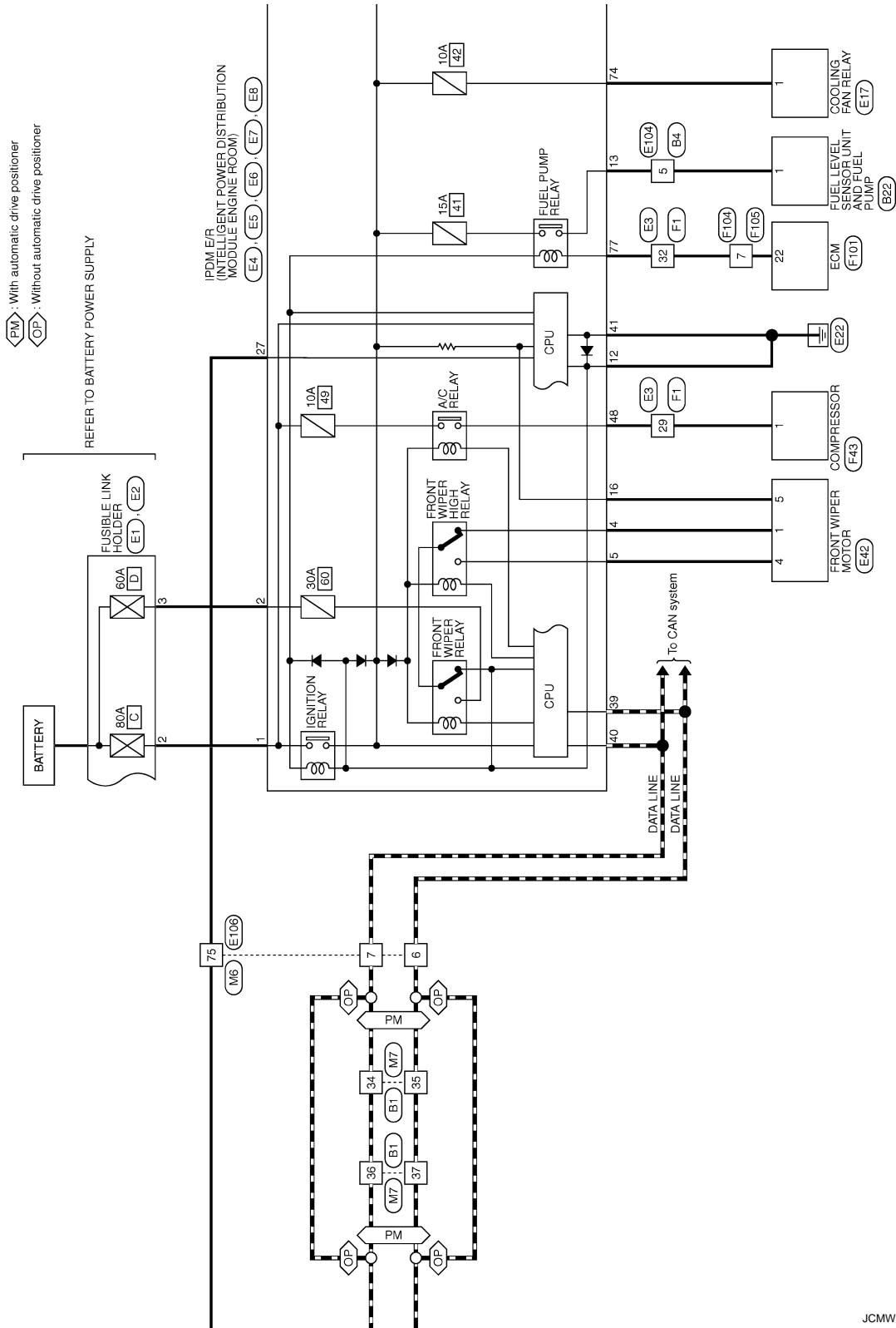
JCMWM1470G

2007/10/26

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

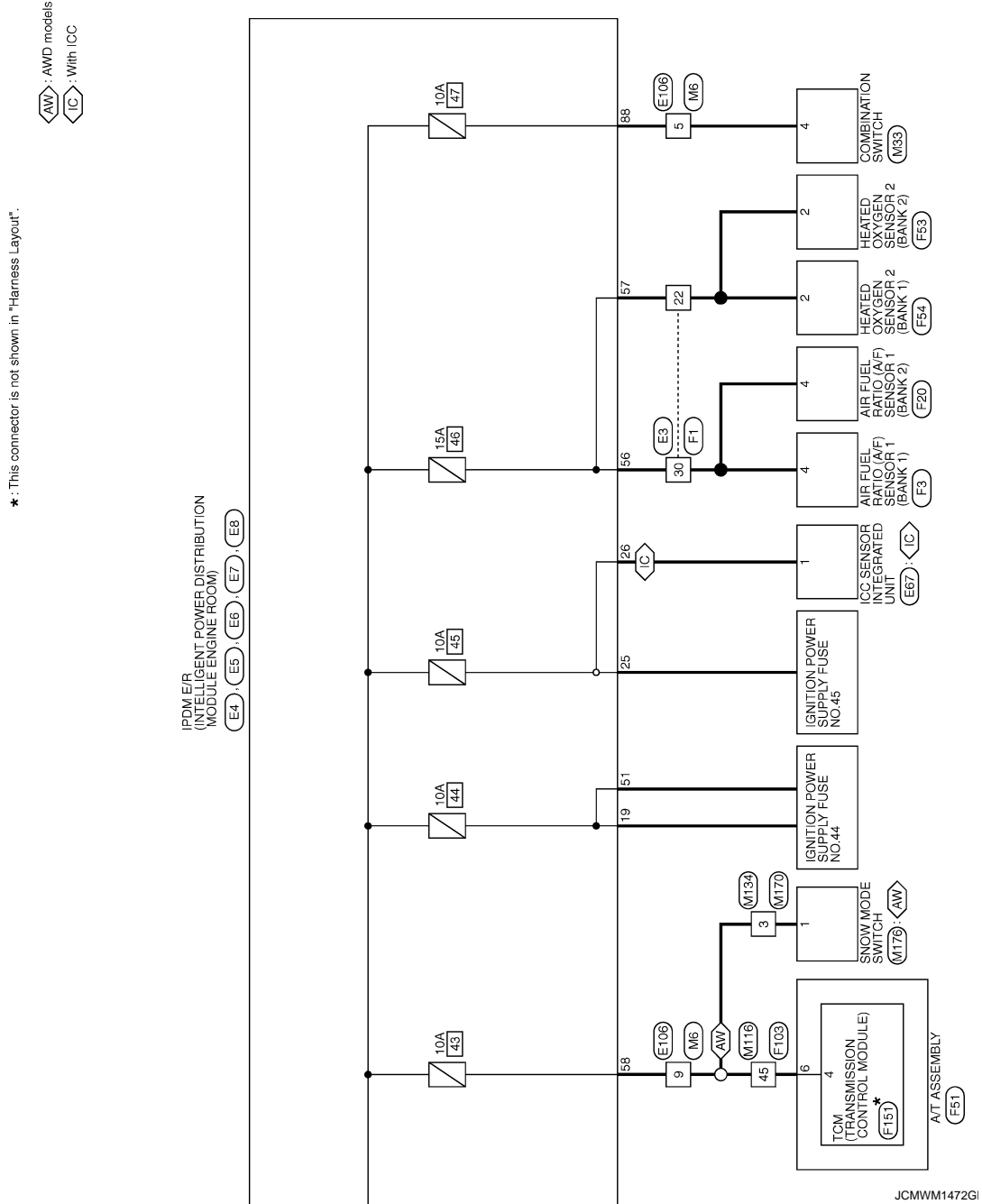


JCMWM1471G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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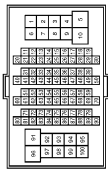


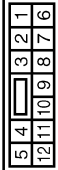

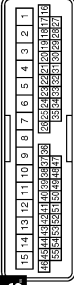
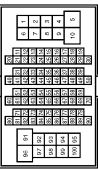

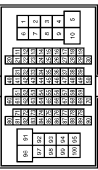
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT 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>TH80FW-CS16-TM4</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>34</td><td>L</td><td>-</td></tr> <tr><td>35</td><td>P</td><td>-</td></tr> <tr><td>36</td><td>L</td><td>-</td></tr> <tr><td>37</td><td>P</td><td>-</td></tr> </table>	Connector No.	B1	Connector Name	WIRE TO WIRE	Connector Type	TH80FW-CS16-TM4	Terminal No.	Color of Wire	Signal Name [Specification]	34	L	-	35	P	-	36	L	-	37	P	-	<table border="1"> <tr><td>Connector No.</td><td>B2</td></tr> <tr><td>Connector Name</td><td>FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MANN)</td></tr> <tr><td>Connector Type</td><td>EG5FY-RS</td></tr> </table>  <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>-</td></tr> </table>	Connector No.	B2	Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MANN)	Connector Type	EG5FY-RS	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	<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>NS1ZBR-CS</td></tr> </table>  <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>	Connector No.	B5	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS1ZBR-CS	Terminal No.	Color of Wire	Signal Name [Specification]	10G	W	-	11G	W	-	<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>NS1ZFW-CS</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>5</td><td>L</td><td>-</td></tr> </table>	Connector No.	B4	Connector Name	WIRE TO WIRE	Connector Type	NS1ZFW-CS	Terminal No.	Color of Wire	Signal Name [Specification]	5	L	-	<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>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>W</td><td>-</td></tr> </table>	Connector No.	B27	Connector Name	WIRE TO WIRE	Connector Type	M06MW-LC	Terminal No.	Color of Wire	Signal Name [Specification]	1	W	-	<table border="1"> <tr><td>Connector No.</td><td>D1</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH40FW-CS15</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>20</td><td>W</td><td>-</td></tr> </table>	Connector No.	D1	Connector Name	WIRE TO WIRE	Connector Type	TH40FW-CS15	Terminal No.	Color of Wire	Signal Name [Specification]	20	W	-	<table border="1"> <tr><td>Connector No.</td><td>B201</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>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>70</td><td>R</td><td>-</td></tr> </table>	Connector No.	B201	Connector Name	WIRE TO WIRE	Connector Type	TH80FW-CS16-TM4	Terminal No.	Color of Wire	Signal Name [Specification]	70	R	-	<table border="1"> <tr><td>Connector No.</td><td>B214</td></tr> <tr><td>Connector Name</td><td>OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT</td></tr> <tr><td>Connector Type</td><td>TH80FW-NH</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>4</td><td>R</td><td>IGN</td></tr> </table>	Connector No.	B214	Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT	Connector Type	TH80FW-NH	Terminal No.	Color of Wire	Signal Name [Specification]	4	R	IGN	<table border="1"> <tr><td>Connector No.</td><td>B201</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>  <table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>70</td><td>R</td><td>-</td></tr> </table>	Connector No.	B201	Connector Name	WIRE TO WIRE	Connector Type	TH80FW-CS16-TM4	Terminal No.	Color of Wire	Signal Name [Specification]	70	R	-
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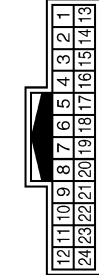
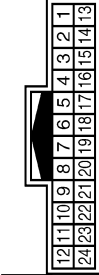
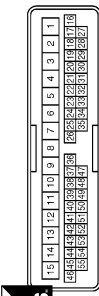

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	D03	Connector No.	D33	Connector No.	D31	Connector No.	D01
Connector Name	DOOR MIRROR (DRIVER SIDE)	Connector Name	DOOR MIRROR (PASSENGER SIDE)	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH	Connector Type	TH24MW-NH	Connector Type	TH4QFY-CS15	Connector Type	MB6FY-LC
							
Terminal No.	7	Terminal No.	7	Terminal No.	55	Terminal No.	1
Color of Wire	W	Color of Wire	L	Color of Wire	L	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

Connector No.	D105	Connector No.	E2	Connector No.	E1	Connector No.	E3
Connector Name	CONDENSER	Connector Name	FUSIBLE LINK HOLDER	Connector Name	FUSIBLE LINK HOLDER	Connector Name	WIRE TO WIRE
Connector Type	P01FE-A	Connector Type	L02FGY-MC	Connector Type	L02FBR-MC	Connector Type	SAA36MB-RS10-SJZZ
							
Terminal No.	1	Terminal No.	3	Terminal No.	2	Terminal No.	22
Color of Wire	R	Color of Wire	L	Color of Wire	W	Color of Wire	SS
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	1	Terminal No.	4	Terminal No.	2	Terminal No.	29
Color of Wire	R	Color of Wire	R	Color of Wire	L	Color of Wire	L
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	1	Terminal No.	32	Terminal No.	2	Terminal No.	30
Color of Wire	R	Color of Wire	L	Color of Wire	L	Color of Wire	V
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

JCMWM1474G

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

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	L	-
51	G	-
56	V	-
57	SS	-
58	P	-
74	P	-
77	L	-

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



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

Connector No.	E5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-RH



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

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS08FGY



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

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



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347_9F900



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

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



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

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



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








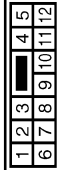

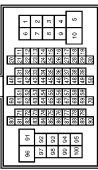






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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. E101	Connector Name FUSE BLOCK (J/B)	Connector Type L01FW-MC	 	Terminal No. ID	Color of Wire R	Signal Name [Specification]	
Connector No. E102	Connector Name FUSE BLOCK (J/B)	Connector Type M02FB-LC	 	Terminal No. 1E	Color of Wire G	Signal Name [Specification]	
Connector No. E103	Connector Name FUSE BLOCK (J/B)	Connector Type NS18FW-CS	 	Terminal No. 4F 6F	Color of Wire G BR	Signal Name [Specification]	
Connector No. E104	Connector Name WIRE TO WIRE	Connector Type NS12MP-CS	 	Terminal No. 5	Color of Wire SB	Signal Name [Specification]	
Connector No. E106	Connector Name WIRE TO WIRE	Connector Type TH80FW-CS16-TM4	 	Terminal No. 5 6 7 9 75 91 97	Color of Wire GR G R P O W BR	Signal Name [Specification]	
Connector No. F1	Connector Name WIRE TO WIRE	Connector Type SAA38FB-RS10-SJ22	 	Terminal No. 22 29 30 32	Color of Wire G L Y LG	Signal Name [Specification]	
Connector No. F3	Connector Name AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)	Connector Type AF204FDGY	 	Terminal No. 4	Color of Wire Y	Signal Name [Specification]	
Connector No. F20	Connector Name AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)	Connector Type AF204FDGY	 	Terminal No. 4	Color of Wire Y	Signal Name [Specification]	

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. F151	Connector Name TCM (TRANSMISSION CONTROL MODULE)	Connector Type SFI05BCY	
Terminal No. 4	Color of Wire R	Signal Name [Specification] VIGN	
Connector No. M1	Connector Name FUSE BLOCK (J/B)	Connector Type NSG0FP-MZ	
Terminal No. 2A	Color of Wire G	Signal Name [Specification]	
Terminal No. 3A	Color of Wire L	Signal Name [Specification]	
Terminal No. 7A	Color of Wire R	Signal Name [Specification]	
Terminal No. 8A	Color of Wire L	Signal Name [Specification]	
Connector No. M2	Connector Name FUSE BLOCK (J/B)	Connector Type NS10FW-CS	
Terminal No. 4B	Color of Wire G	Signal Name [Specification]	
Connector No. M3	Connector Name FUSE BLOCK (J/B)	Connector Type NS12FW-CS	
Terminal No. 6C	Color of Wire R	Signal Name [Specification]	
Terminal No. 7C	Color of Wire B	Signal Name [Specification]	
Terminal No. 9C	Color of Wire O	Signal Name [Specification]	
Terminal No. 10C	Color of Wire L	Signal Name [Specification]	
Terminal No. 11C	Color of Wire LG	Signal Name [Specification]	
Terminal No. 12C	Color of Wire O	Signal Name [Specification]	
Connector No. M5	Connector Name WIRE TO WIRE	Connector Type TH40MW-CS15	
Terminal No. 20	Color of Wire L	Signal Name [Specification]	
Connector No. M6	Connector Name WIRE TO WIRE	Connector Type TH80MW-CS16-TM4	
Terminal No. 5	Color of Wire G	Signal Name [Specification]	
Terminal No. 6	Color of Wire O	Signal Name [Specification]	
Terminal No. 7	Color of Wire R	Signal Name [Specification]	
Terminal No. 9	Color of Wire BR	Signal Name [Specification]	
Terminal No. 75	Color of Wire Y	Signal Name [Specification]	
Terminal No. 91	Color of Wire W	Signal Name [Specification]	
Terminal No. 97	Color of Wire O	Signal Name [Specification]	
Connector No. M7	Connector Name WIRE TO WIRE	Connector Type TH80MW-CS16-TM4	
Terminal No. 34	Color of Wire L	Signal Name [Specification]	
Terminal No. 35	Color of Wire P	Signal Name [Specification]	
Terminal No. 36	Color of Wire L	Signal Name [Specification]	
Terminal No. 37	Color of Wire P	Signal Name [Specification]	
Connector No. M8	Connector Name FUSE BLOCK (J/B)	Connector Type NS12FW-CS	
Terminal No. 4	Color of Wire G	Signal Name [Specification] IGN	

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JCMWM1478GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M109	Connector No.	M117	Connector No.	M116	Connector No.	M118
Connector Name	BLOWER MOTOR	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS33FY-MS	Connector Type	TH20MW-CS18-TM4	Connector Type	TK38MW-NS10	Connector Type	MS3FB-LC

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

Terminal No.	70	Color of Wire	R	Signal Name [Specification]	-
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Terminal No.	45	Color of Wire	BR	Signal Name [Specification]	-
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Terminal No.	1	Color of Wire	W	Signal Name [Specification]	BAT (F/L)
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Connector No.	M119	Connector No.	M122	Connector No.	M121	Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS	Connector Type	TH40FB-NH	Connector Type	TH40FG-NH	Connector Type	TH40FG-NH

Terminal No.	4	Color of Wire	R	Signal Name [Specification]	BAT (FUSE)
	5				GND
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	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				

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

Terminal No.	151	Color of Wire	G	Signal Name [Specification]	REAR WINDOW DEFOGGER RELAY
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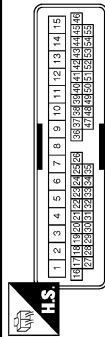
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

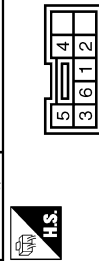
IGNITION POWER SUPPLY

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



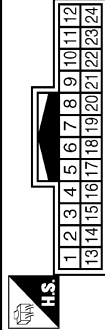
Terminal No.	55	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M176
Connector Name	SNOW MODE SWITCH
Connector Type	TK08FW



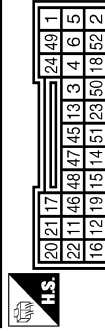
Terminal No.	1	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	M134
Connector Name	WIRE TO WIRE
Connector Type	TH2AMP-NH



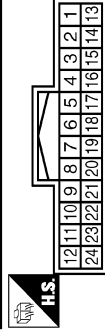
Terminal No.	3	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK28FY-EX-SC



Terminal No.	1	Color of Wire	LG	Signal Name [Specification]	IGN
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Connector No.	M170
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

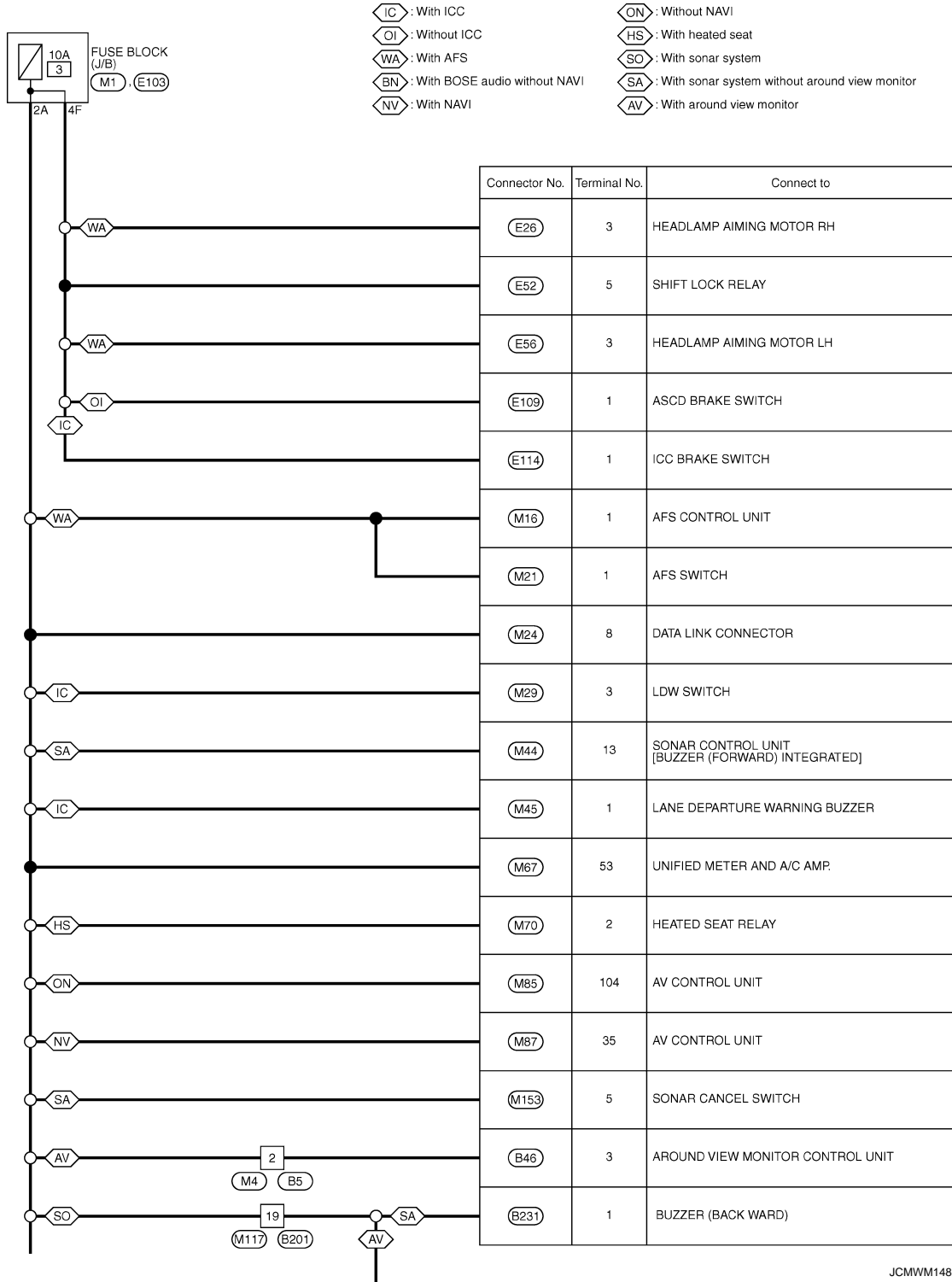
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000003131917

IGNITION POWER SUPPLY FUSE NO.3

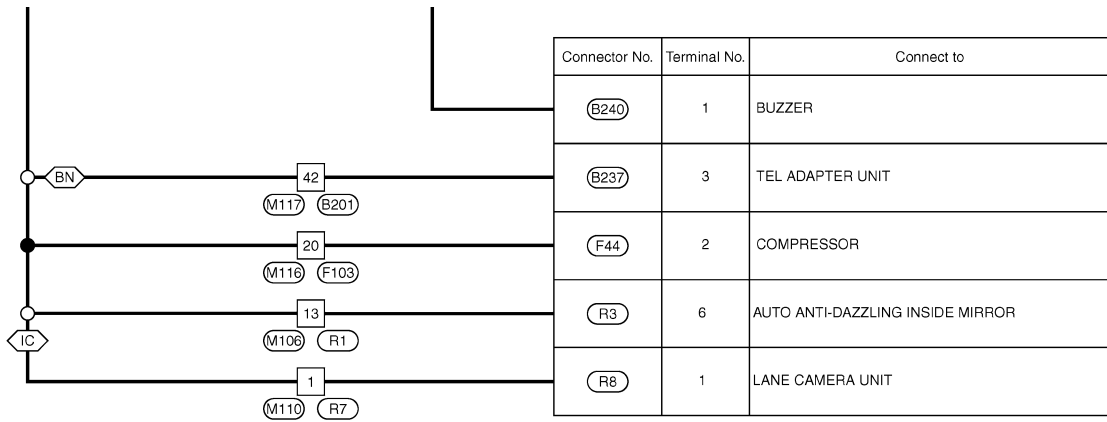


JCMWM1481G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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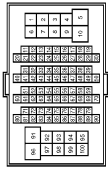

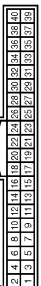




JCMWM1482GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.3

Connector No.	B5	Connector No.	B201	Connector No.	B46	Connector No.	B231	Connector No.	E52
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	AROUND VIEW MONITOR CONTROL UNIT	Connector Name	BUZZER (BACKWARD)	Connector Name	SHIFT LOCK RELAY
Connector Type	TH40MW-NH	Connector Type	TH40FW-S16-TM4	Connector Type	TH40FW-NH	Connector Type	RK02FBR	Connector Type	MS02FL-M2
									
Terminal No.	2	Terminal No.	19	Terminal No.	3	Terminal No.	1	Terminal No.	5
Color of Wire	P	Color of Wire	P	Color of Wire	P	Color of Wire	P	Color of Wire	Y
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGNITION	Signal Name [Specification]	-	Signal Name [Specification]	-



JCMWM1483G


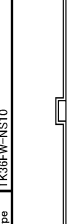
POWER SUPPLY ROUTING CIRCUIT



< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.3

Connector No.	E103	Connector No.	E109	Connector No.	E114
Connector Name	FUSE BLOCK (J/B)	Connector Name	ASCD BRAKE SWITCH (WITHOUT ICC)	Connector Name	ICC BRAKE SWITCH (WITH ICC)
Connector Type	NS16FW-CS	Connector Type	M02FER-LC	Connector Type	M02FER-LC
 					
Terminal No.	4F	Terminal No.	1	Terminal No.	1
Color of Wire	G	Color of Wire	G	Color of Wire	G
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

Connector No.	E103	Connector No.	E109	Connector No.	E114
Connector Name	FUSE BLOCK (J/B)	Connector Name	ASCD BRAKE SWITCH (WITHOUT ICC)	Connector Name	ICC BRAKE SWITCH (WITH ICC)
Connector Type	NS16FW-CS	Connector Type	M02FER-LC	Connector Type	M02FER-LC
 					
Terminal No.	4F	Terminal No.	1	Terminal No.	1
Color of Wire	G	Color of Wire	G	Color of Wire	G
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

Connector No.	E103	Connector No.	E109	Connector No.	E114
Connector Name	FUSE BLOCK (J/B)	Connector Name	ASCD BRAKE SWITCH (WITHOUT ICC)	Connector Name	ICC BRAKE SWITCH (WITH ICC)
Connector Type	NS16FW-CS	Connector Type	M02FER-LC	Connector Type	M02FER-LC
 					
Terminal No.	4F	Terminal No.	1	Terminal No.	1
Color of Wire	G	Color of Wire	G	Color of Wire	G
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

Connector No.	E103	Connector No.	E109	Connector No.	E114
Connector Name	FUSE BLOCK (J/B)	Connector Name	ASCD BRAKE SWITCH (WITHOUT ICC)	Connector Name	ICC BRAKE SWITCH (WITH ICC)
Connector Type	NS16FW-CS	Connector Type	M02FER-LC	Connector Type	M02FER-LC
 					
Terminal No.	4F	Terminal No.	1	Terminal No.	1
Color of Wire	G	Color of Wire	G	Color of Wire	G
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

JCMWM1484G

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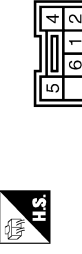
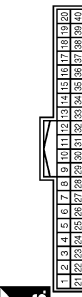
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

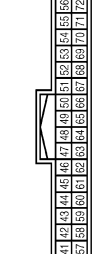
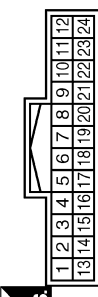
[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.3

Connector No.	M16	Connector No.	M21	Connector No.	M24	Connector No.	M29
Connector Name	AFS CONTROL UNIT	Connector Name	AFS SWITCH	Connector Name	DATA LINK CONNECTOR	Connector Name	LDW SWITCH
Connector Type	TH40FW-NH	Connector Type	TK08FW-IV	Connector Type	BD16FW	Connector Type	TK08FGY
Terminal No.	1	Terminal No.	1	Terminal No.	8	Terminal No.	3
Color of Wire	Y	Color of Wire	Y	Color of Wire	G	Color of Wire	Y
Signal Name [Specification]	IGN	Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	



Connector No.	M44	Connector No.	M45	Connector No.	M67	Connector No.	M70
Connector Name	SONAR CONTROL UNIT [BUZZER (FORWARD) INTEGRATED]	Connector Name	LANE DEPARTURE WARNING BUZZER	Connector Name	UNIFIED METER AND A/C AMP.	Connector Name	HEATED SEAT RELAY
Connector Type	TH24FW-NH	Connector Type	NS04FBR-GS	Connector Type	TH32FW-NH	Connector Type	MS02FL-M2
Terminal No.	13	Terminal No.	1	Terminal No.	53	Terminal No.	2
Color of Wire	V	Color of Wire	Y	Color of Wire	G	Color of Wire	G
Signal Name [Specification]	IGN	Signal Name [Specification]		Signal Name [Specification]	IGN	Signal Name [Specification]	



JCMWM1485G

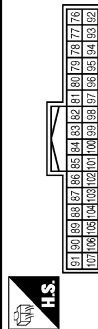
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

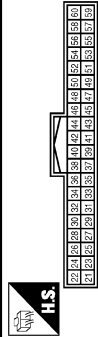
IGNITION POWER SUPPLY FUSE NO.3

Connector No.	M85
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH22PV-NH



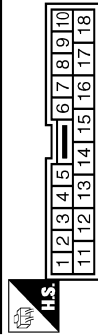
Terminal No.	104	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	M87
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH40FP-NH



Terminal No.	35	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS5



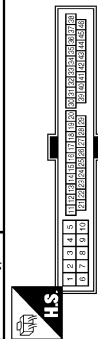
Terminal No.	13	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH18MW-NH



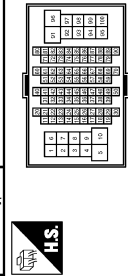
Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK35MW-NS10



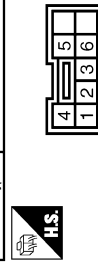
Terminal No.	20	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



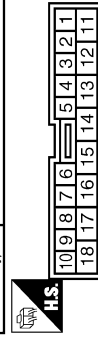
Terminal No.	19	Color of Wire	P	Signal Name [Specification]	-
Terminal No.	42	Color of Wire	O	Signal Name [Specification]	-

Connector No.	M153
Connector Name	SONAR CANCEL SWITCH
Connector Type	TK68FW



Terminal No.	5	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	RI
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS5



Terminal No.	13	Color of Wire	BR	Signal Name [Specification]	-
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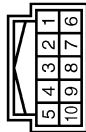
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

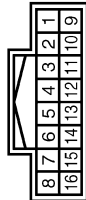
IGNITION POWER SUPPLY FUSE NO.3

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



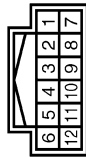
Terminal No.	6	BR	IGN
Color of Wire			
Signal Name [Specification]			

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



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

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



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

JCMWM1487G

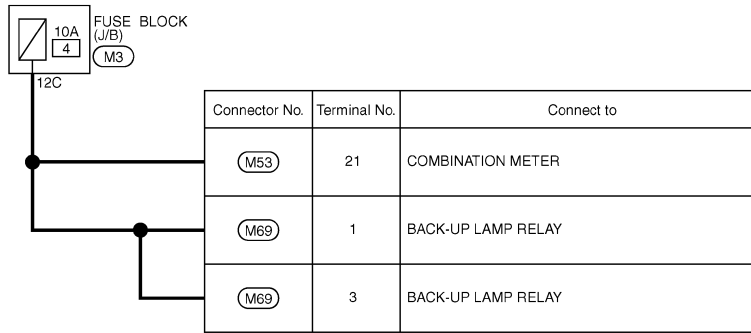
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

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JCMWM1488GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

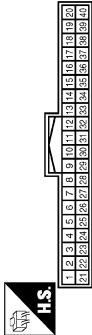
IGNITION POWER SUPPLY FUSE NO.4

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



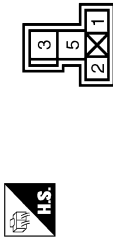
Terminal No.	12C	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	T14GFV-NH



Terminal No.	21	Color of Wire	O	Signal Name [Specification]	IGN
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Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS2FEL-M2



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

JCMWM1489G

POWER SUPPLY ROUTING CIRCUIT

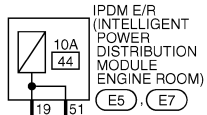
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000003131919

IGNITION POWER SUPPLY FUSE NO.44



Connector No.	Terminal No.	Connect to
(F21)	1	FUEL INJECTOR NO.1
(F22)	1	FUEL INJECTOR NO.2
(F23)	1	FUEL INJECTOR NO.3
(F24)	1	FUEL INJECTOR NO.4
(F25)	1	FUEL INJECTOR NO.5
(F26)	1	FUEL INJECTOR NO.6
(F102)	53	ECM
(M123)	123	BCM (BODY CONTROL MODULE)

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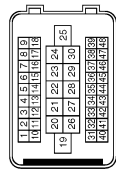
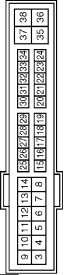
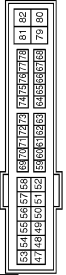

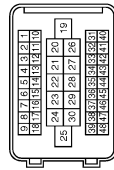



JCMWM1490G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.44

Connector No. E3	WIRE TO WIRE	SAA38MB-RS10-SJZZ		Terminal No. 21	Color of Wire G	Signal Name [Specification]	—
Connector No. E5	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	TH2DFW-CS12-M4-1V		Terminal No. 19	Color of Wire W	Signal Name [Specification]	—
Connector No. E7	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	TH2DFW-CS12-M4		Terminal No. 51	Color of Wire G	Signal Name [Specification]	—
Connector No. E106	WIRE TO WIRE	TH8DFW-CS19-TM4		Terminal No. 87	Color of Wire W	Signal Name [Specification]	—
Connector No. F1	WIRE TO WIRE	SAA38FE-RS10-SJZZ		Terminal No. 21	Color of Wire P	Signal Name [Specification]	—
Connector No. F21	FUEL INJECTOR NO.1	HS02FGY		Terminal No. 19	Color of Wire P	Signal Name [Specification]	—
Connector No. F22	FUEL INJECTOR NO.2	HS02FGY		Terminal No. 21	Color of Wire P	Signal Name [Specification]	—
Connector No. F23	FUEL INJECTOR NO.3	HS02FGY		Terminal No. 21	Color of Wire P	Signal Name [Specification]	—

JCMWM1491G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

IGNITION POWER SUPPLY FUSE NO.44

Connector No.	F24
Connector Name	FUEL INJECTOR NO.4
Connector Type	HSZDFGY



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

Connector No.	F25
Connector Name	FUEL INJECTOR NO.5
Connector Type	HSZDFGY



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

Connector No.	F26
Connector Name	FUEL INJECTOR NO.6
Connector Type	HSZDFGY



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

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



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

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

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST1F-TM4



Terminal No.	87	W	-
Color of Wire			
Signal Name [Specification]			

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



31	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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Terminal No.	123	W	-
Color of Wire			
Signal Name [Specification]			IGN F/B

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POWER SUPPLY ROUTING CIRCUIT


< COMPONENT DIAGNOSIS >

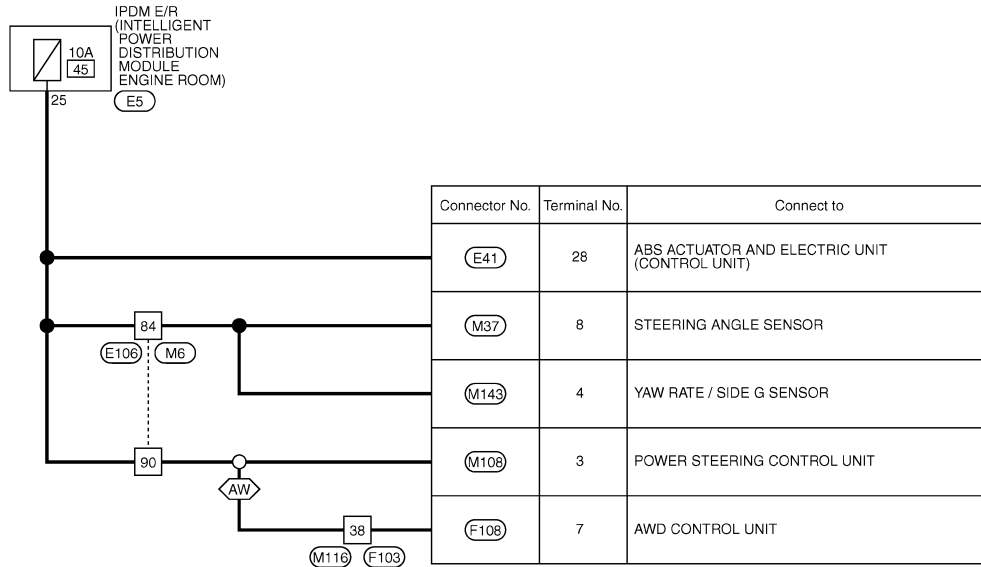
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000003131920

IGNITION POWER SUPPLY FUSE NO.45

 : 4WD models



2007/10/26

JCMWM1493G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

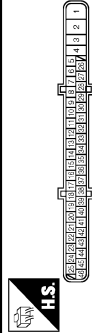
IGNITION POWER SUPPLY FUSE NO.45

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



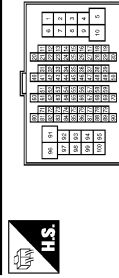
Terminal No.	25	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	EA3A4FB-AFZ4-LH



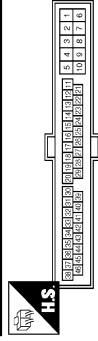
Terminal No.	28	Color of Wire	G	Signal Name [Specification]	UZ
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Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



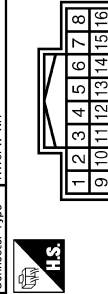
Terminal No.	84	Color of Wire	G	Signal Name [Specification]	-
Terminal No.	90	Color of Wire	G	Signal Name [Specification]	-

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



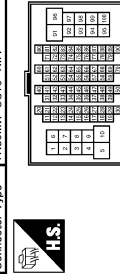
Terminal No.	38	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	F108
Connector Name	AWD CONTROL UNIT
Connector Type	TH16FW-NH



Terminal No.	7	Color of Wire	G	Signal Name [Specification]	IGN
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



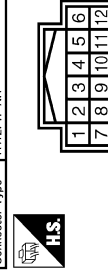
Terminal No.	84	Color of Wire	G	Signal Name [Specification]	-
Terminal No.	90	Color of Wire	G	Signal Name [Specification]	-

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



Terminal No.	8	Color of Wire	G	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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JCMWM1494G1

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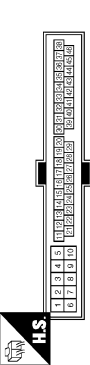
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

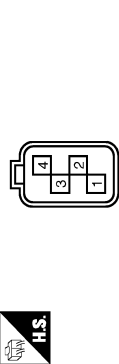
IGNITION POWER SUPPLY FUSE NO.45

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK36MW-ANS10



Terminal No.	3B	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M143
Connector Name	YAW RATE/SIDE G SENSOR
Connector Type	AJZ6AFB



Terminal No.	4	Color of Wire	G	Signal Name [Specification]	12V
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JCMWM1495G

POWER SUPPLY ROUTING CIRCUIT

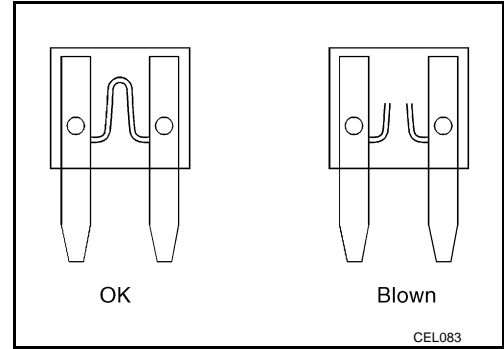
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Fuse

INFOID:000000003131921

- 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

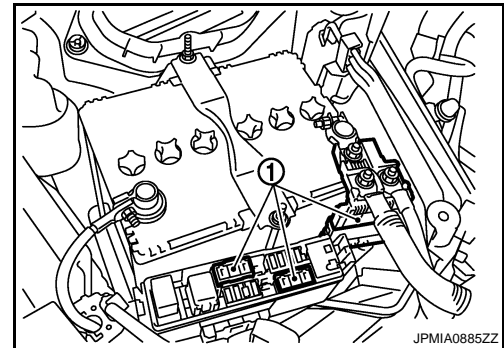
INFOID:000000003131922

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:

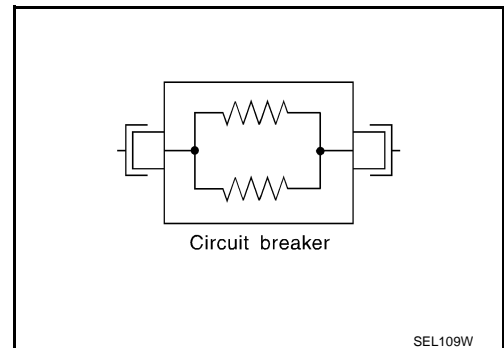
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:000000003131923

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



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HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

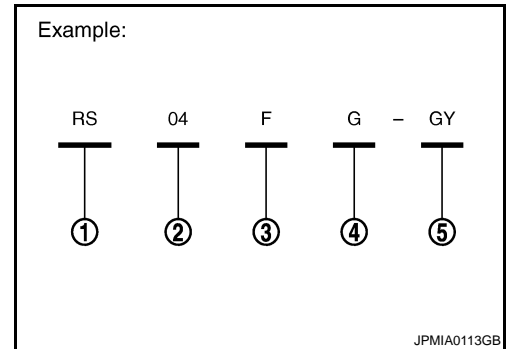
[POWER SUPPLY&GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout






INFOID:000000003131924

- 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

HARNESSES LAYOUT

< COMPONENT DIAGNOSIS >

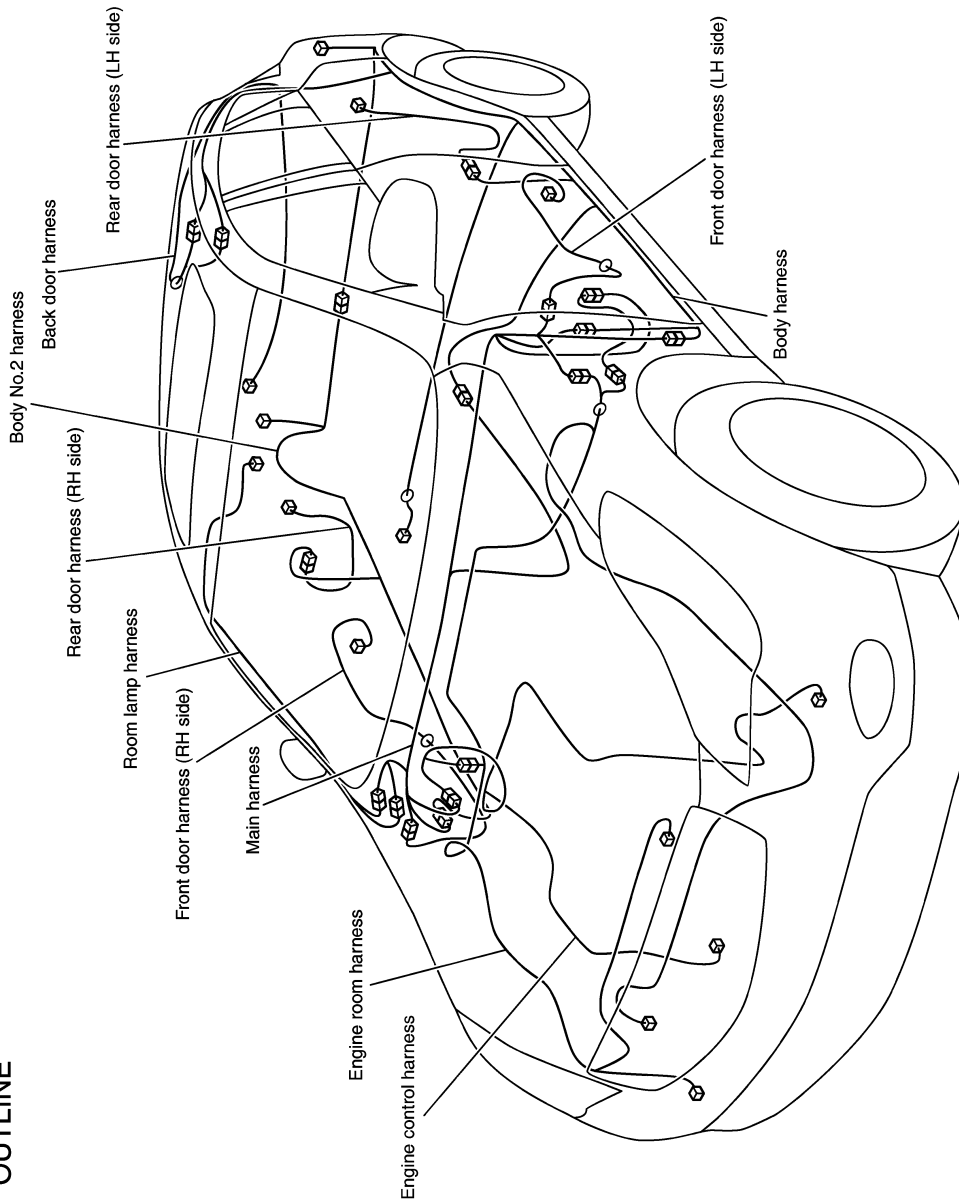
[POWER SUPPLY & GROUND CIRCUIT]

Outline

INFOID:000000003131925

[Click here to view the eWD.](#)

OUTLINE



2007/10/26

JCMIM0271GB

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HARNES LAYOUT

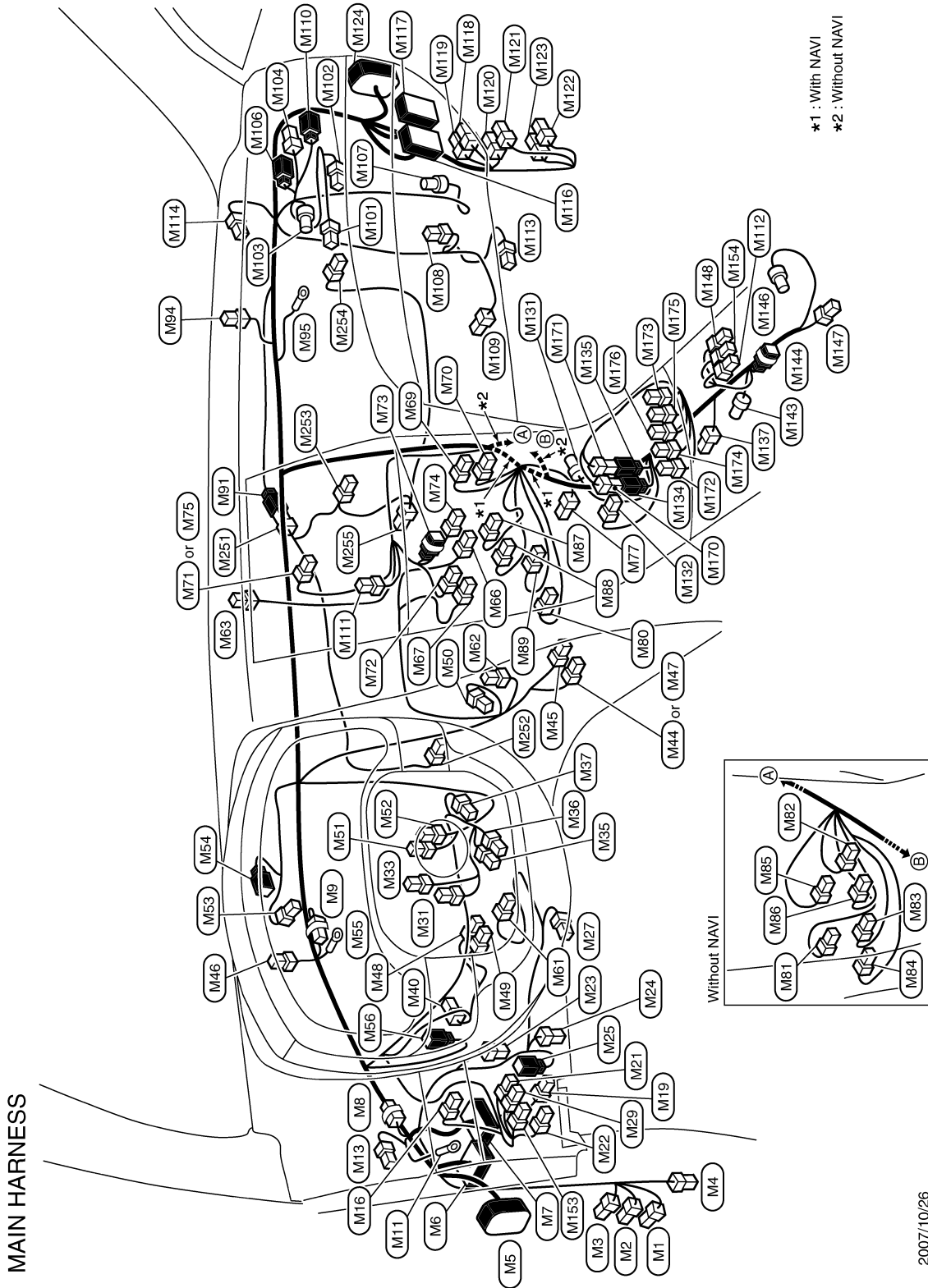
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Main Harness

INFOID:000000003131926

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Engine Room Harness

[Click here to view the eWD.](#)

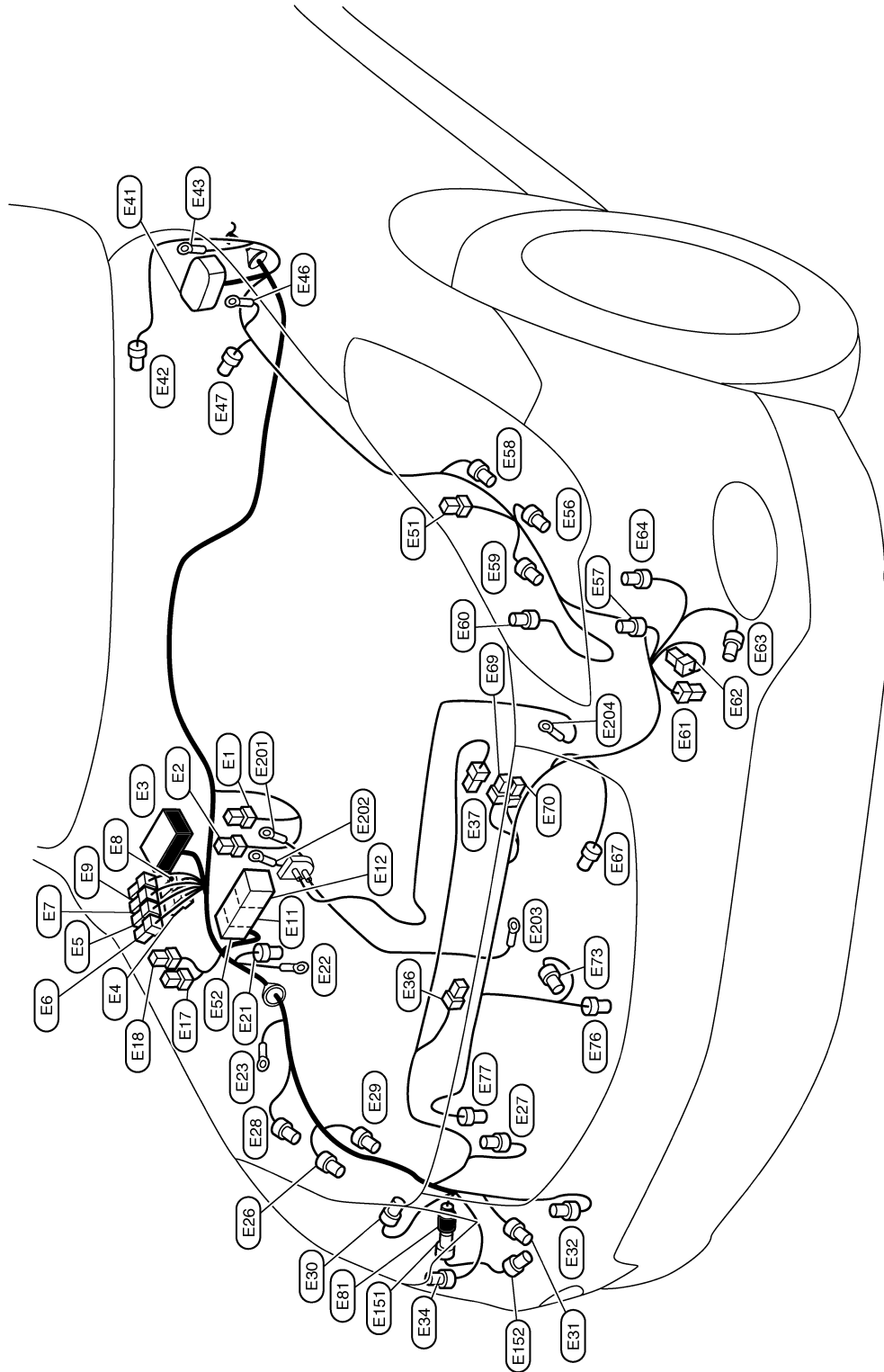
HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ENGINE COMPARTMENT

ENGINE ROOM HARNESS
Engine Compartment



2007/10/26

JCMM0273GB

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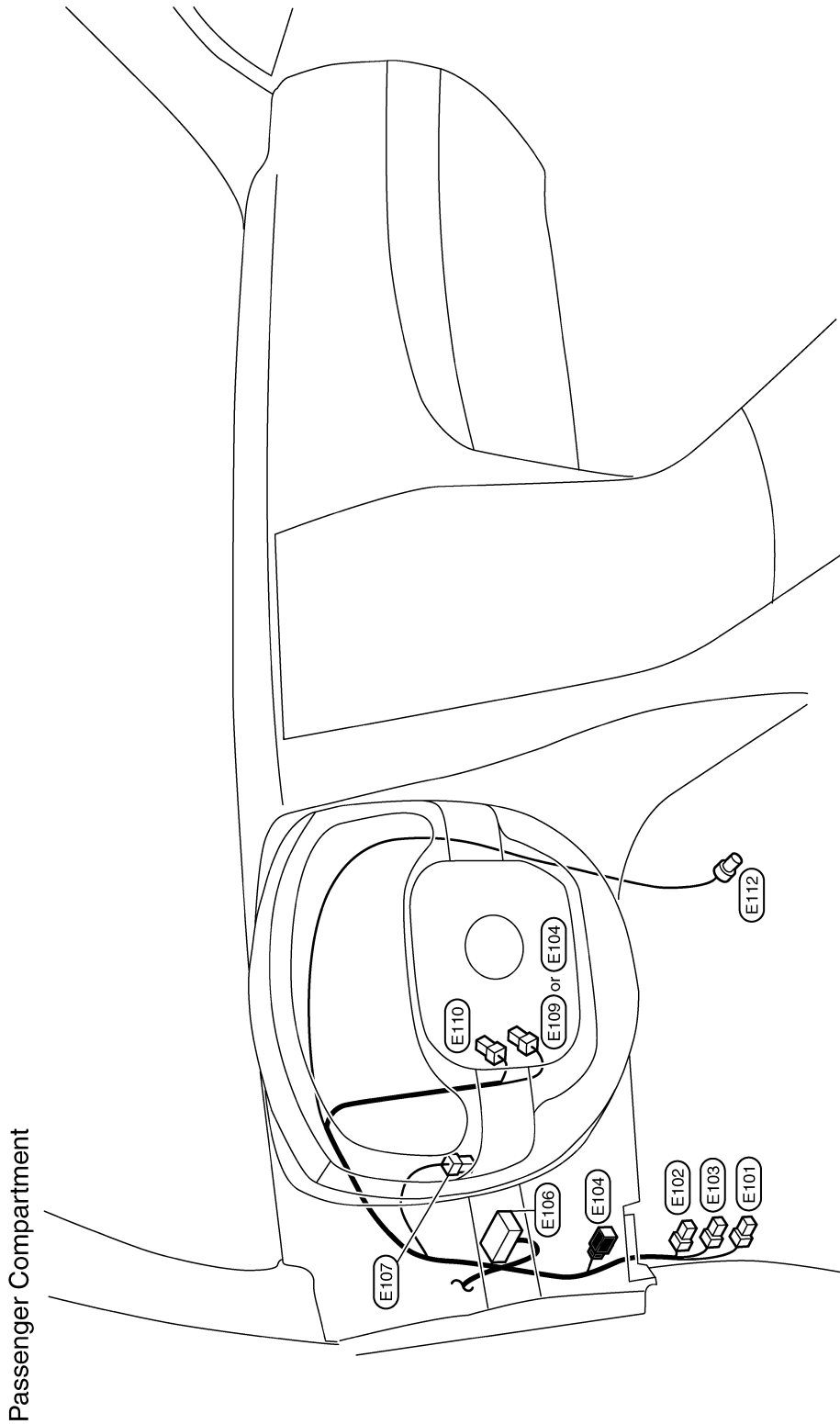
PG

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT



Engine Control Harness

[Click here to view the eWD.](#)

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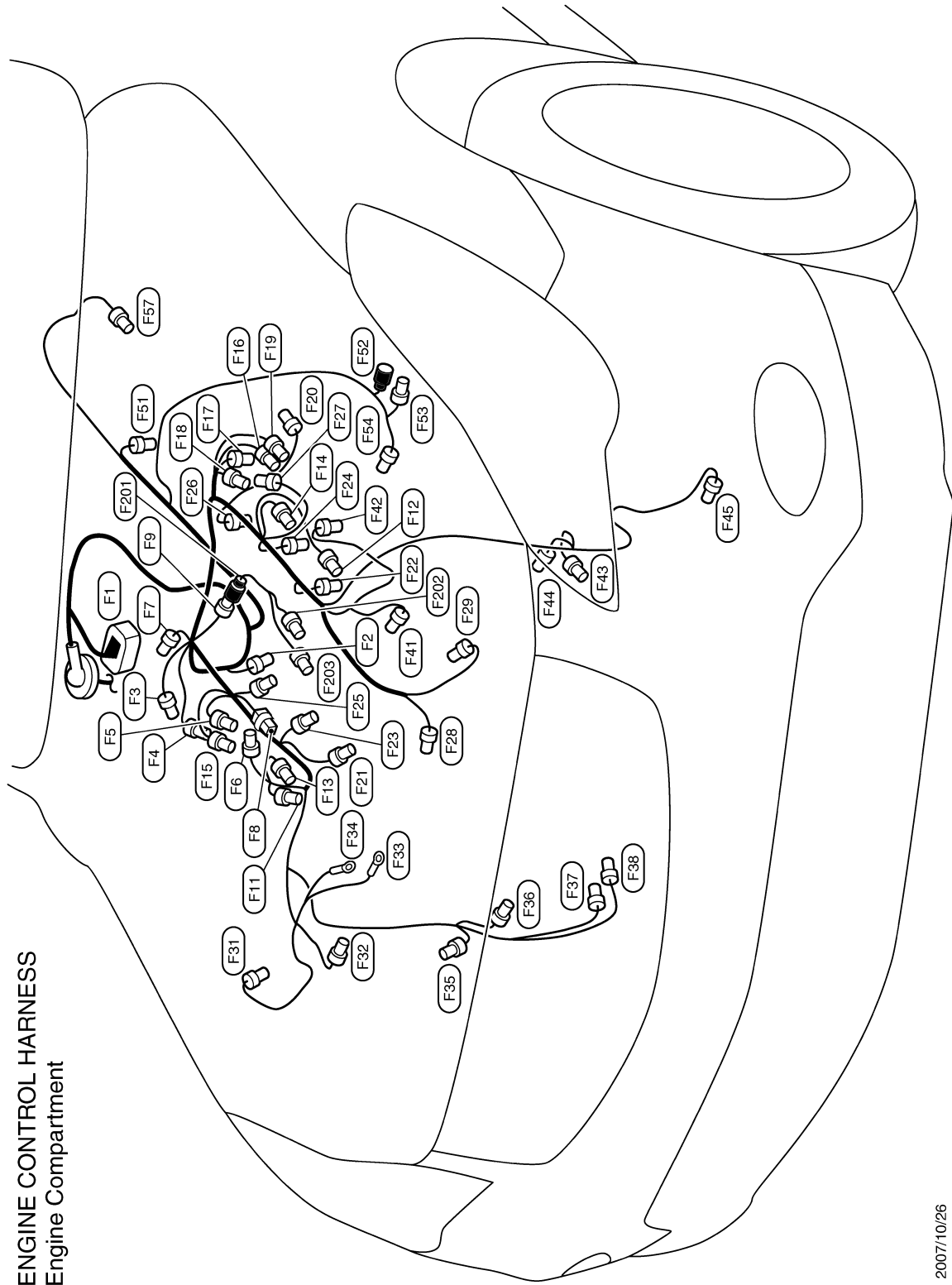
INFOID:000000003131928

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS
Engine Compartment

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2007/10/26

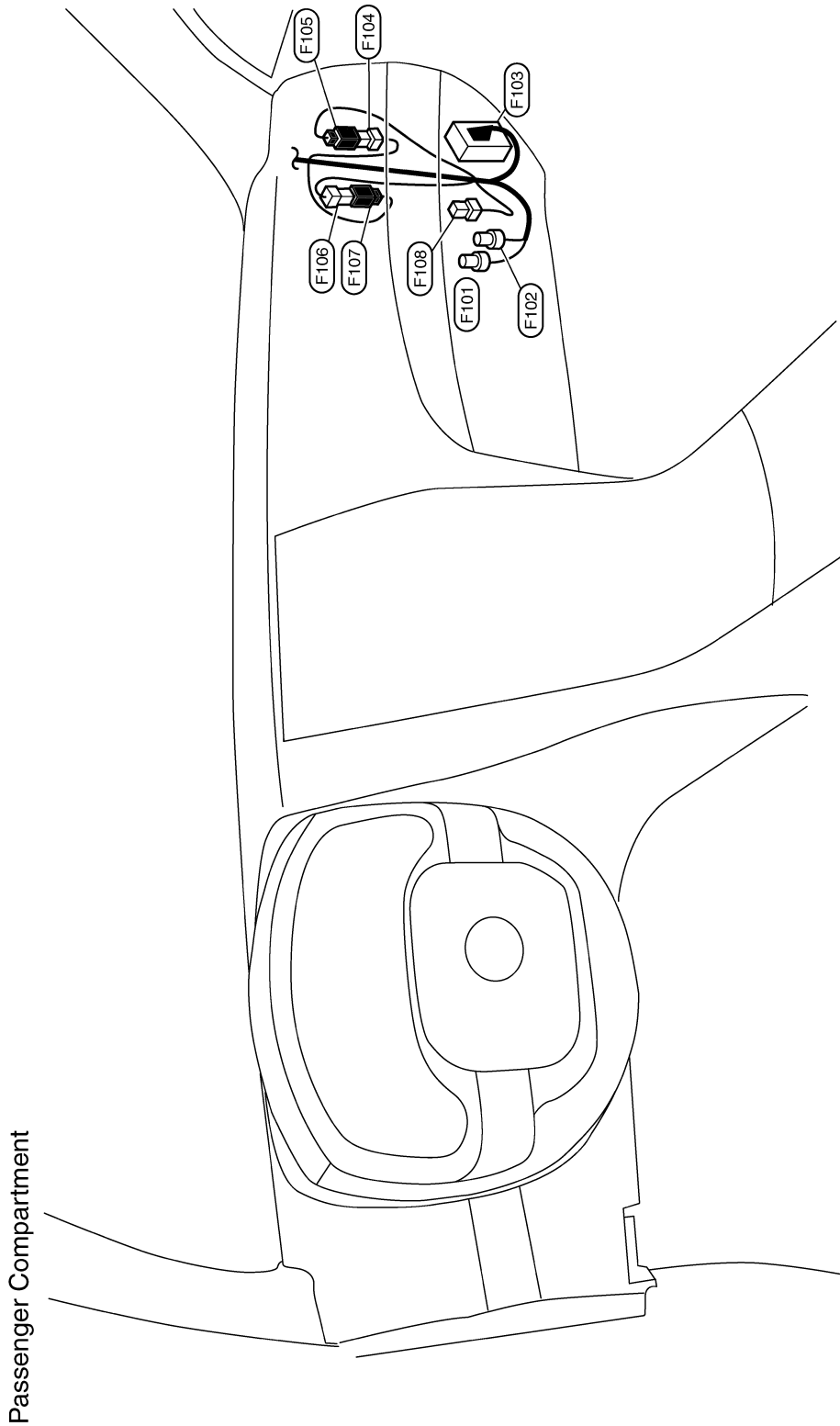
JCMIM0275GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT



2007/10/26

JCMIM0276GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

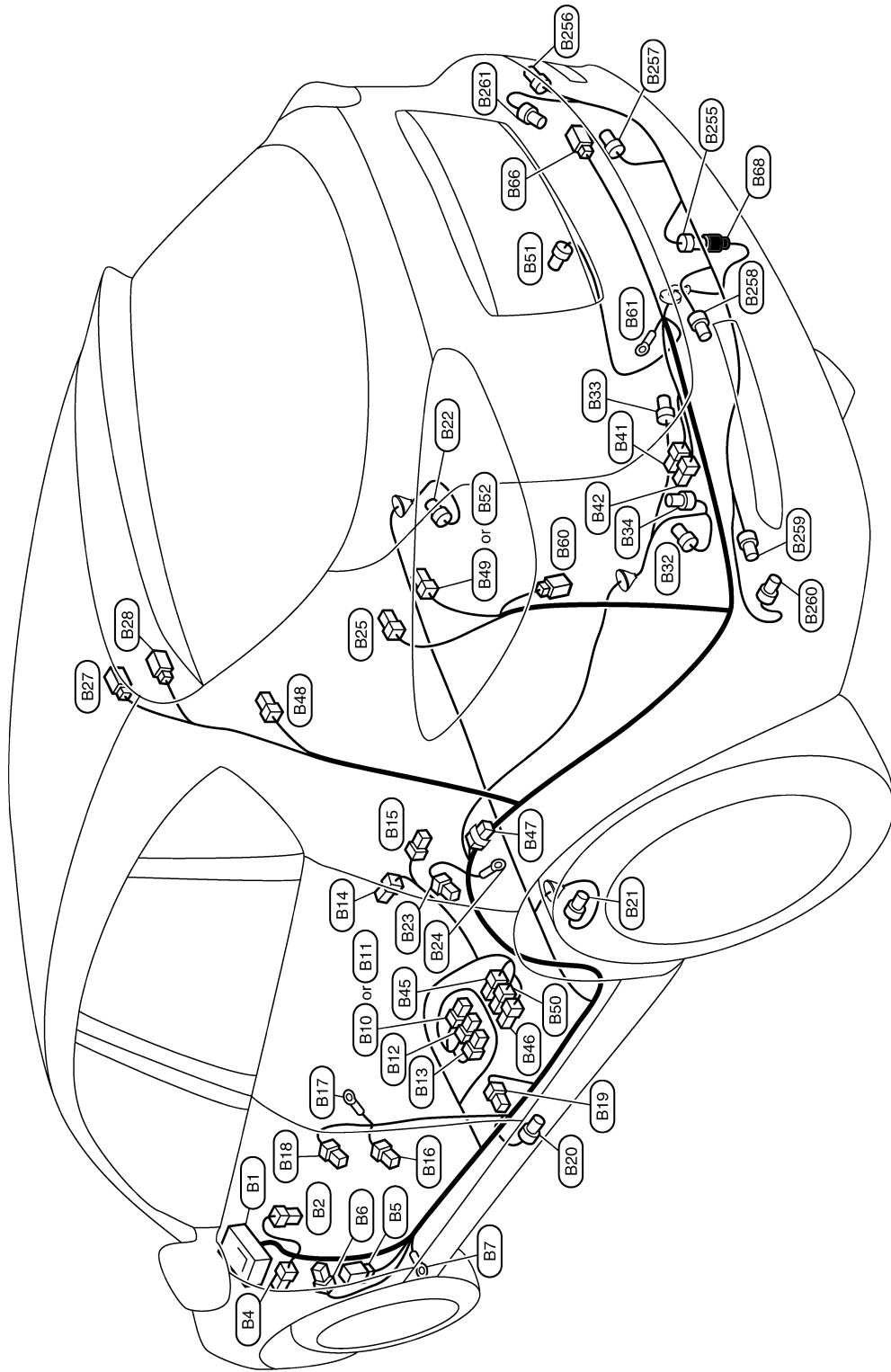
[POWER SUPPLY&GROUND CIRCUIT]

Body Harness

INFOID:000000003131929

[Click here to view the eWD.](#)

BODY HARNESS



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2007/10/26

JCMIM0277GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

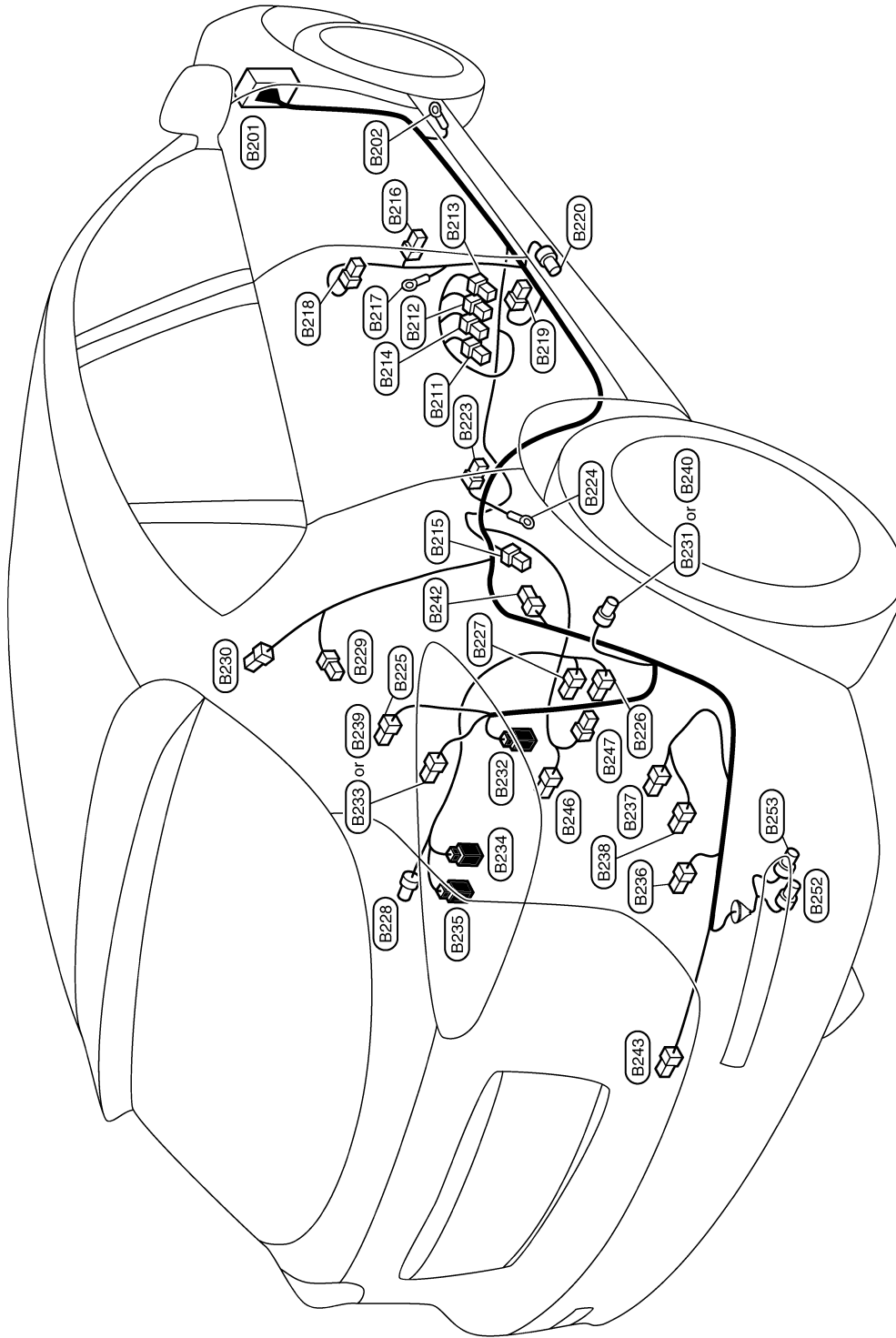
[POWER SUPPLY&GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000003131930

[Click here to view the eWD.](#)

BODY NO.2 HARNESS



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JCMIM0278GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

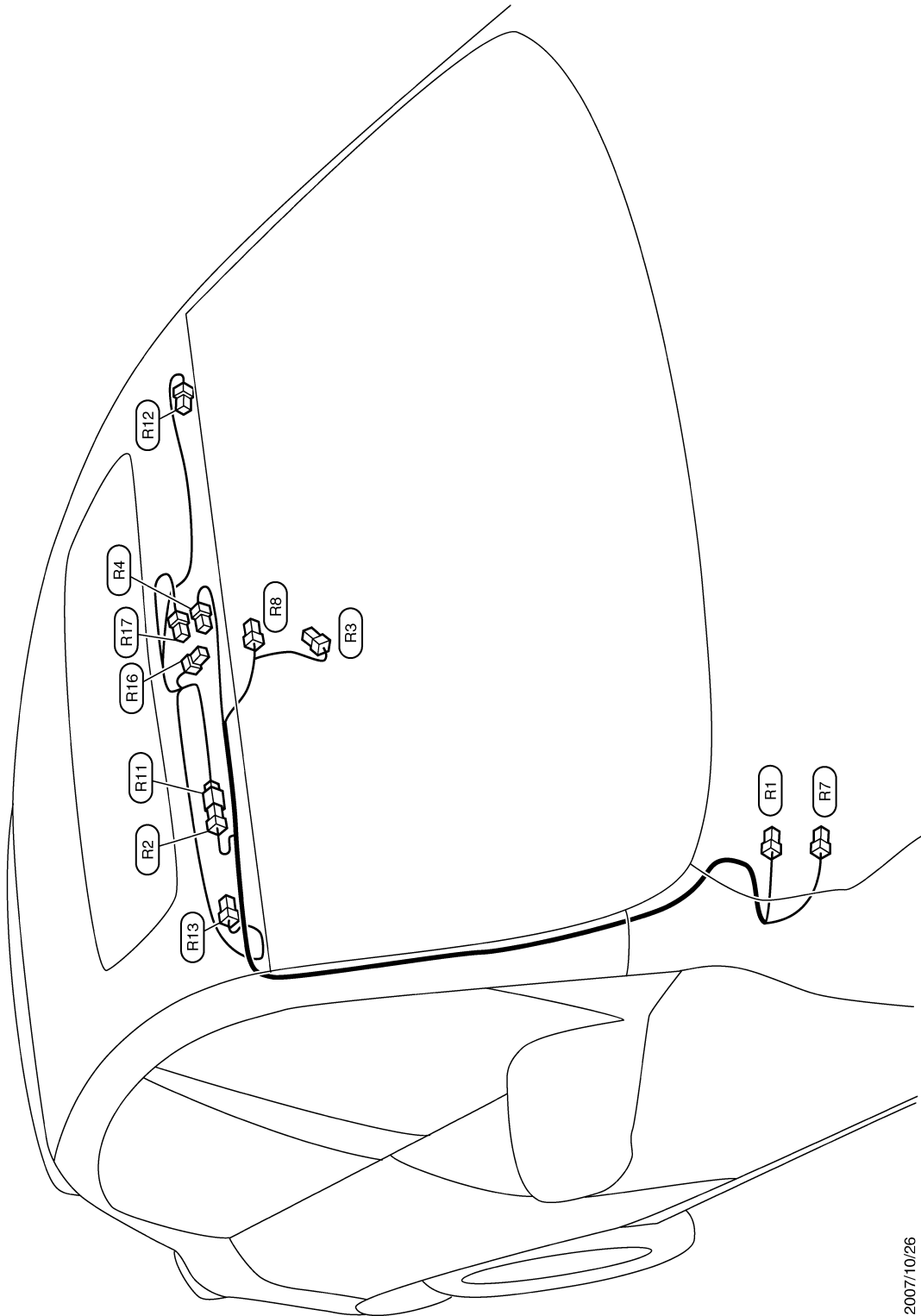
[POWER SUPPLY&GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000003131931

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ROOM LAMP HARNESS



2007/10/26

JCMIM0279GB

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HARNESS LAYOUT

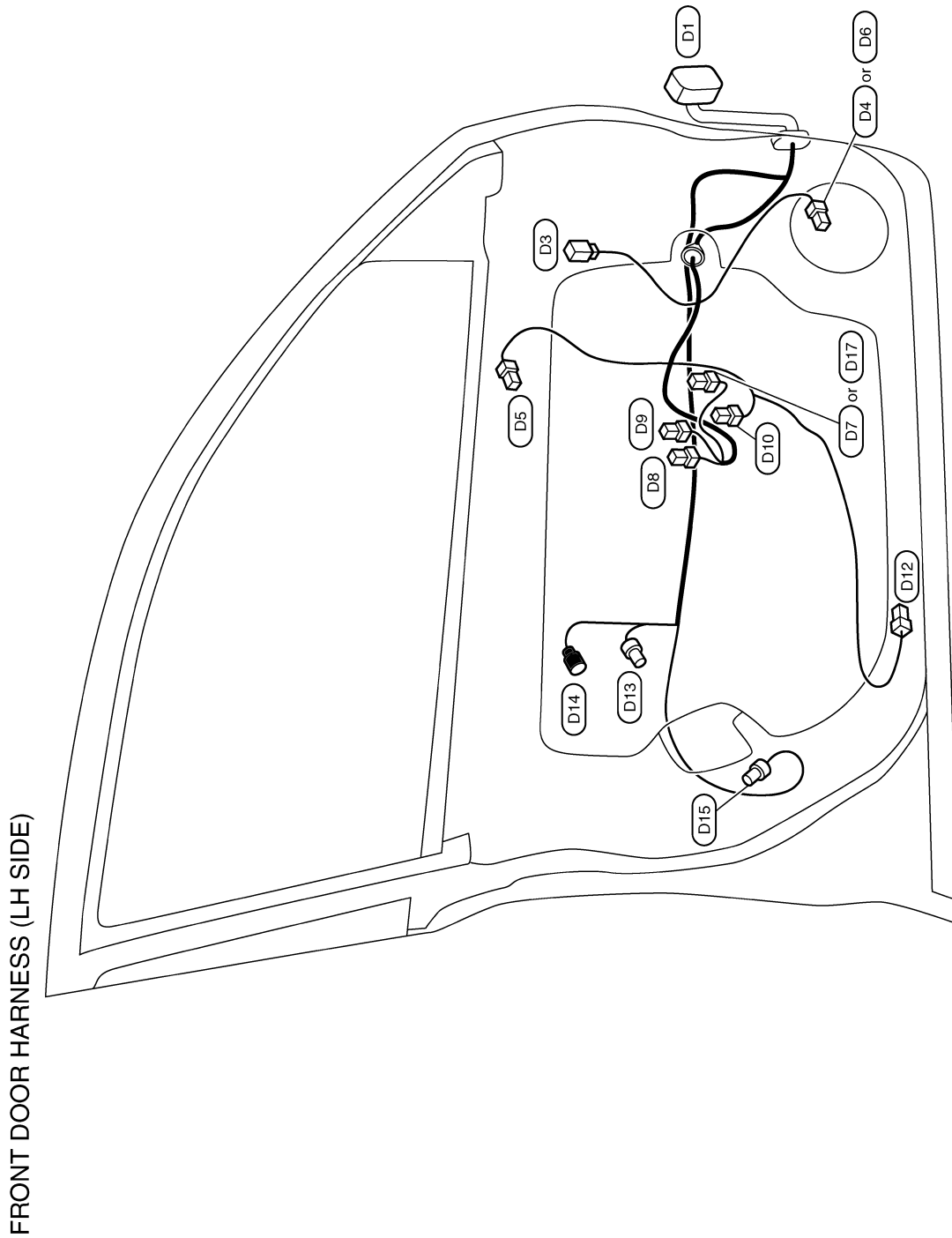
< COMPONENT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Front Door Harness (LH Side)

INFOID:000000003131932

[Click here to view the eWD.](#)



FRONT DOOR HARNESS (LH SIDE)

2007/10/26

JCMIM0280GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

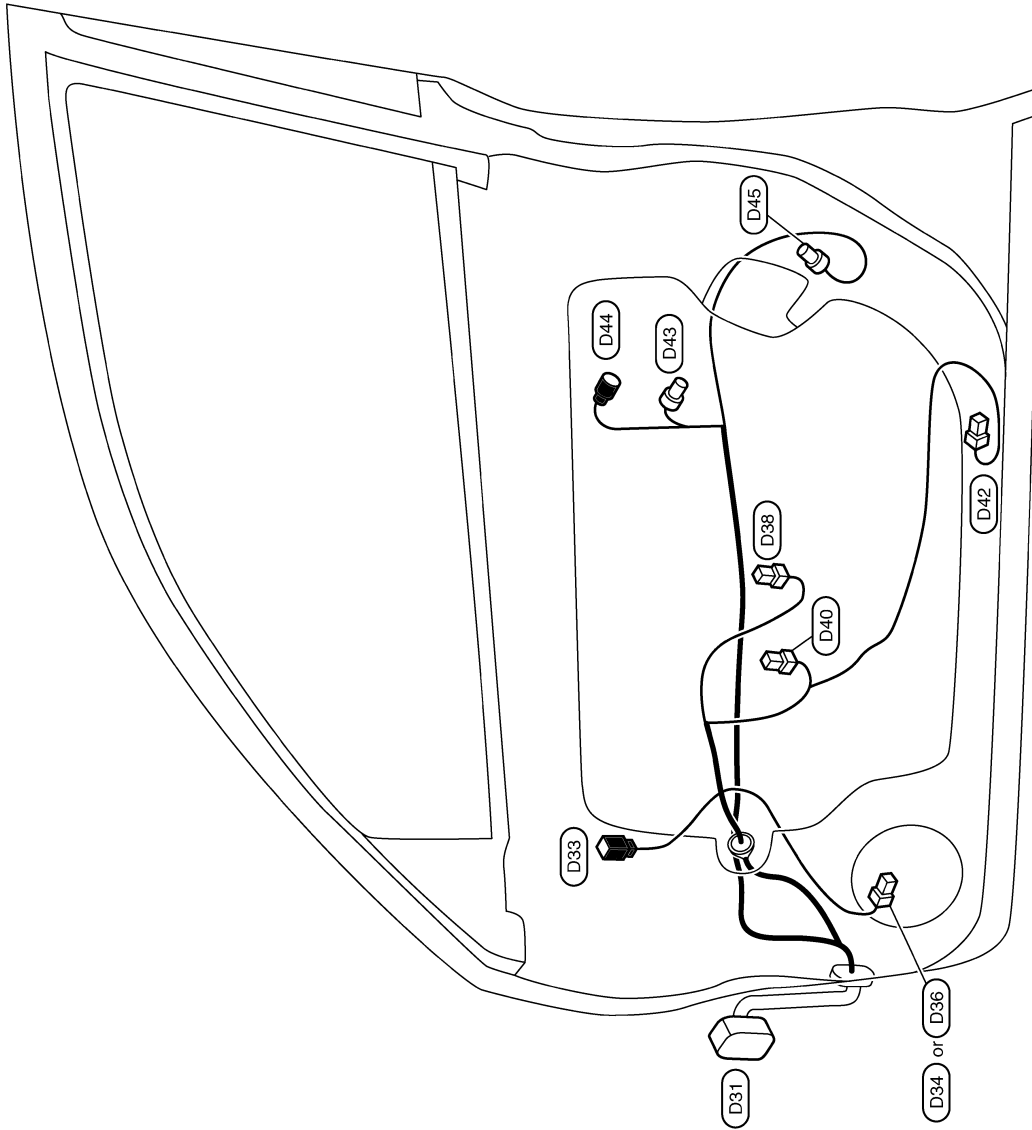
[POWER SUPPLY&GROUND CIRCUIT]

Front Door Harness (RH Side)

INFOID:000000003131933

[Click here to view the eWD.](#)

FRONT DOOR HARNESS (RH SIDE)



2007/10/26

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HARNES LAYOUT

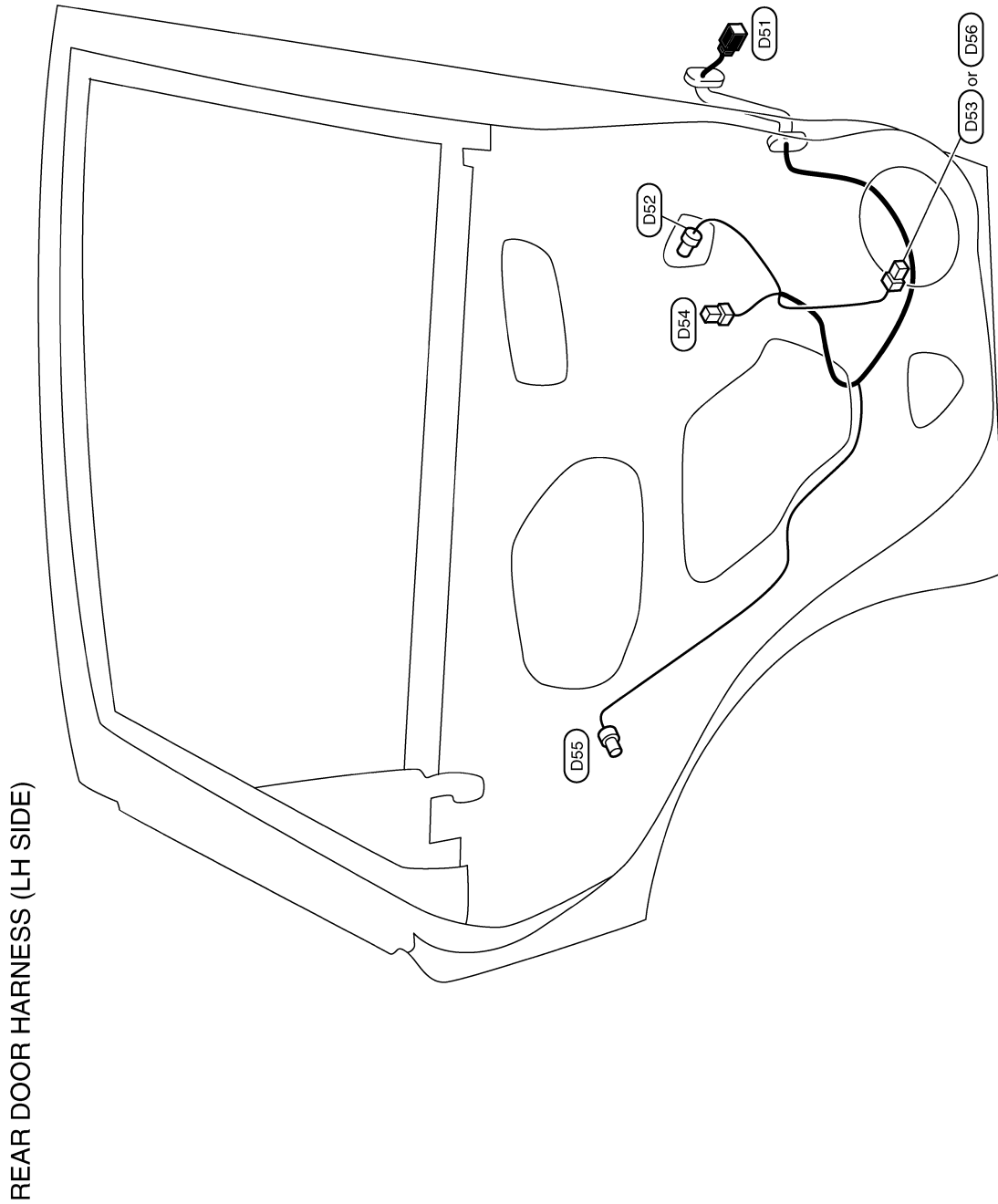
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Rear Door Harness (LH Side)

INFOID:000000003131934

[Click here to view the eWD.](#)



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JCMIM0282GB

HARNES LAYOUT

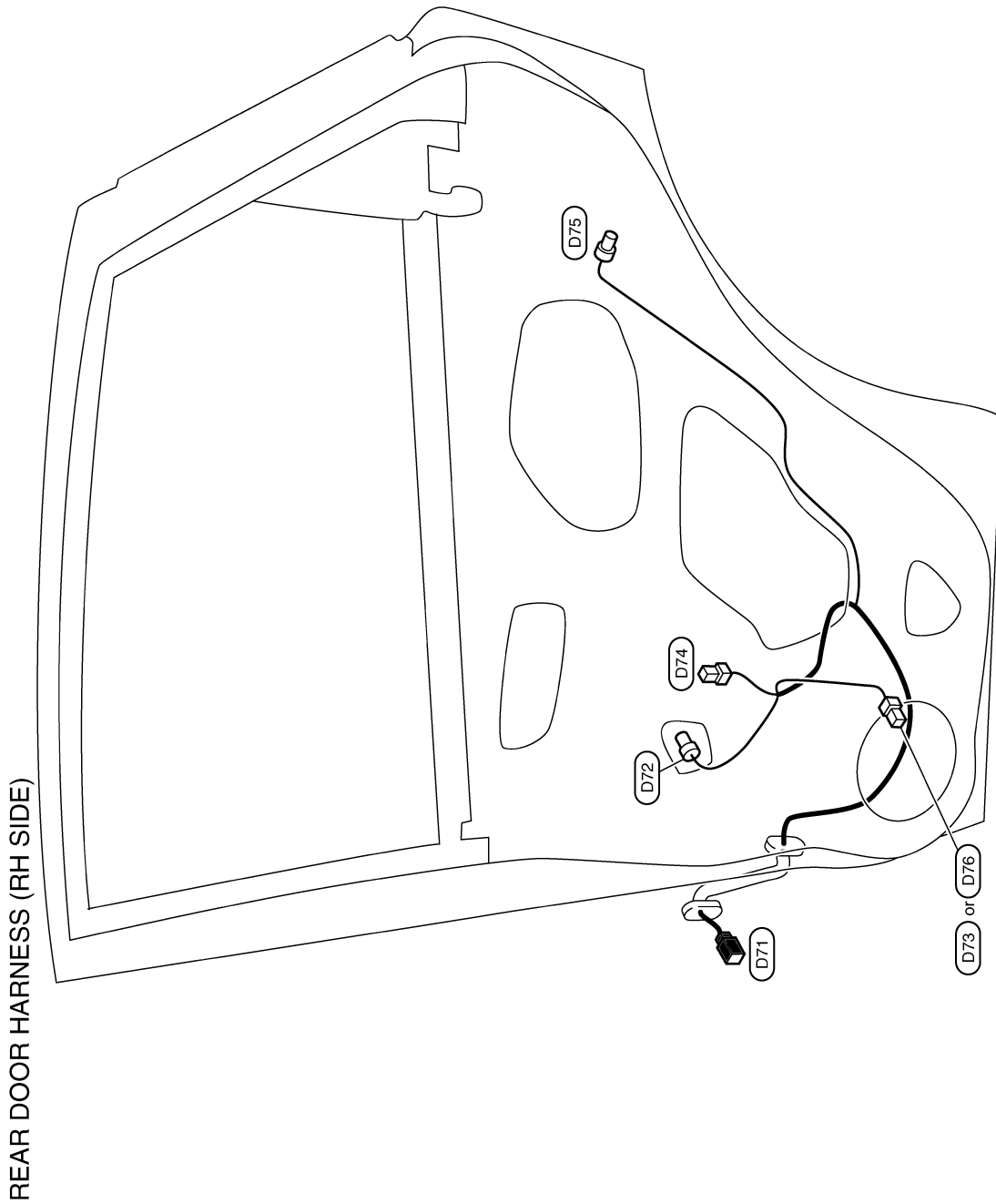
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Rear Door Harness (RH Side)

INFOID:000000003131935

[Click here to view the eWD.](#)



REAR DOOR HARNESS (RH SIDE)

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JCMIM0283GB

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HARNESS LAYOUT

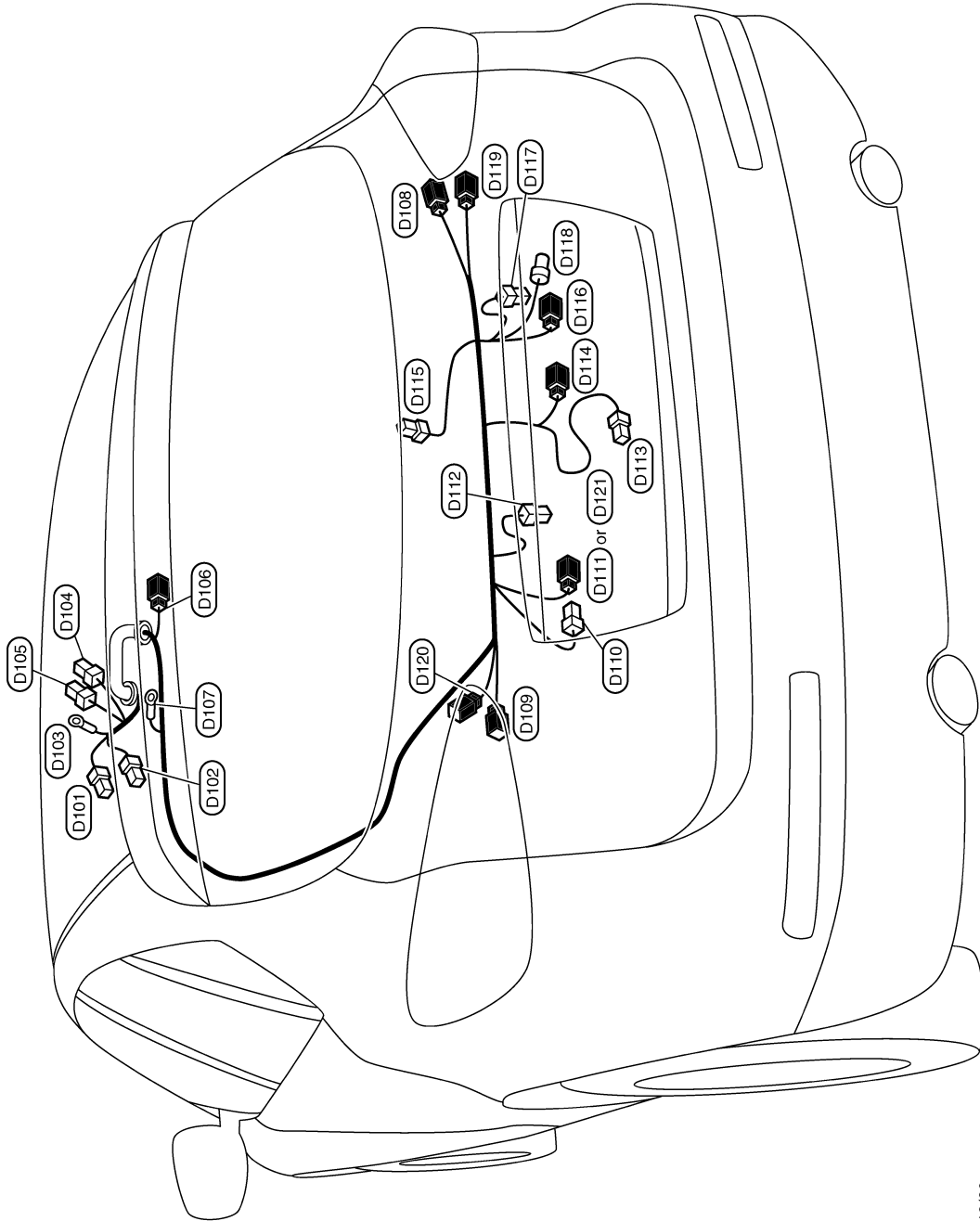
< COMPONENT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Back Door Harness

INFOID:000000003516131

BACK DOOR HARNESS



2007/10/26

JCMIM0284GB

HARNESS CONNECTOR

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

HARNESS CONNECTOR

Description

INFOID:000000003131936

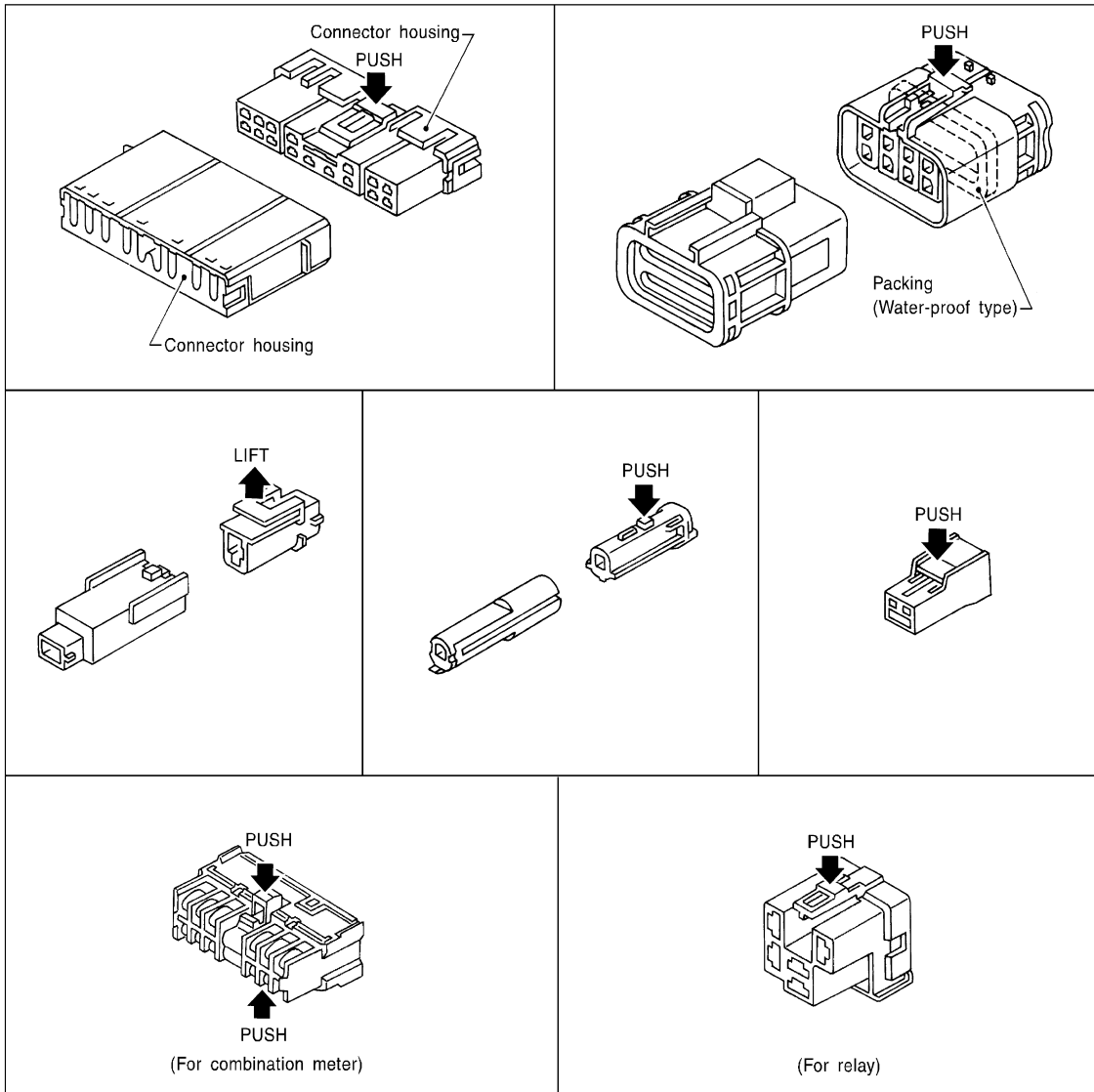
HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

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HARNESS CONNECTOR

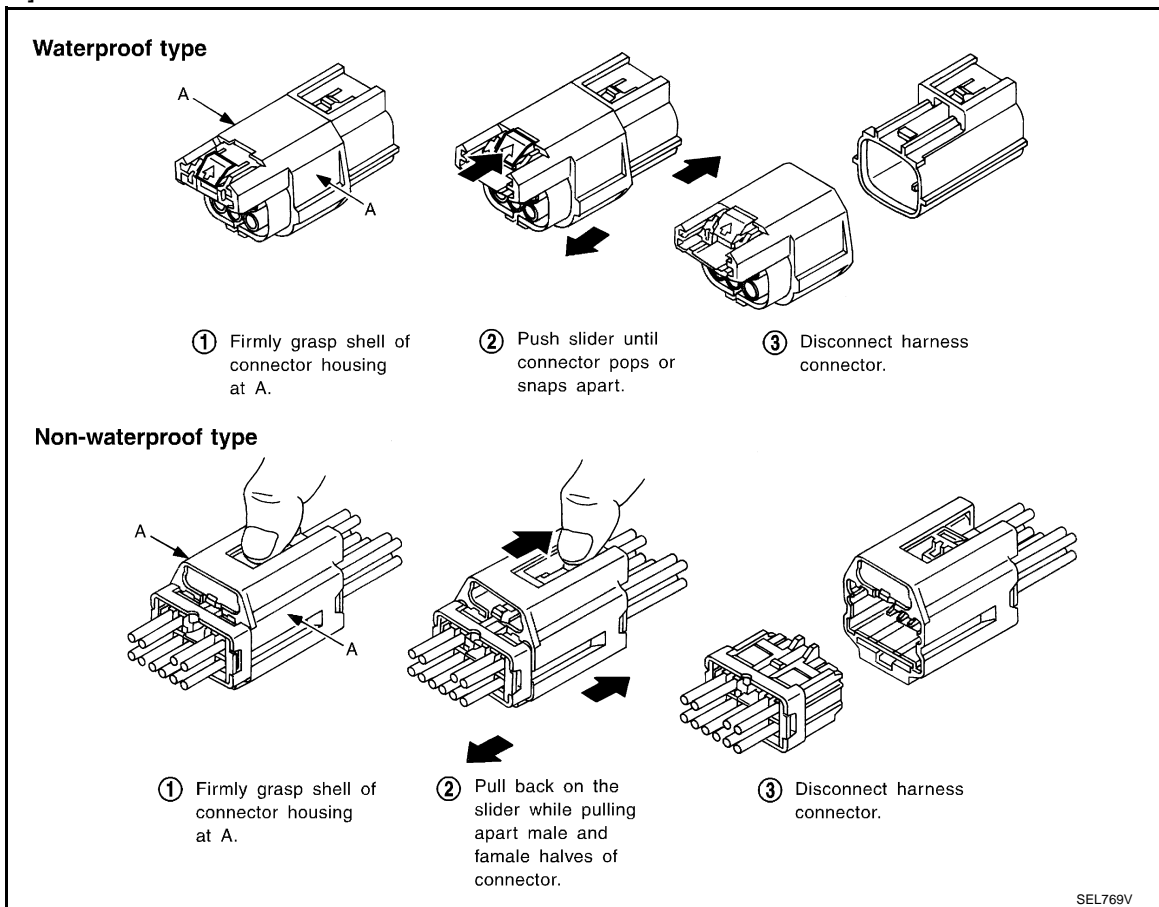
< COMPONENT DIAGNOSIS >

[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.

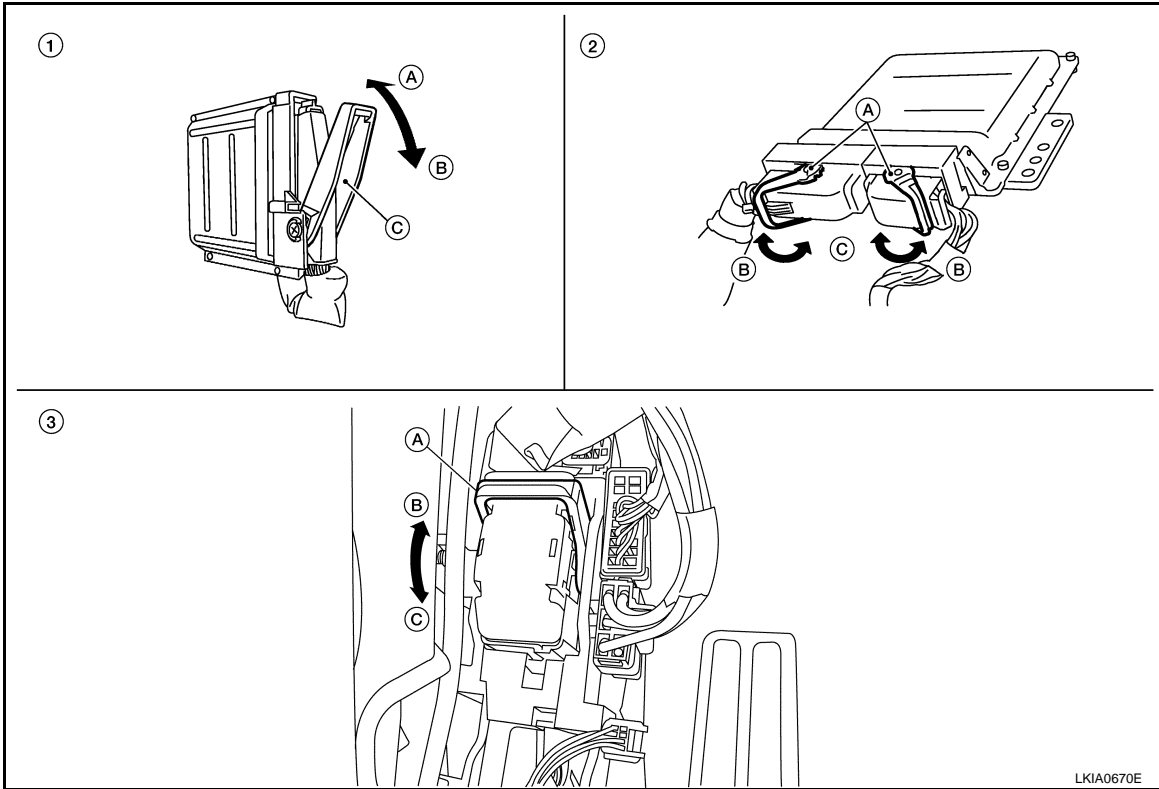
CAUTION:

HARNES CONNECTOR

< COMPONENT 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

LKIA0670E

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STANDARDIZED RELAY

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

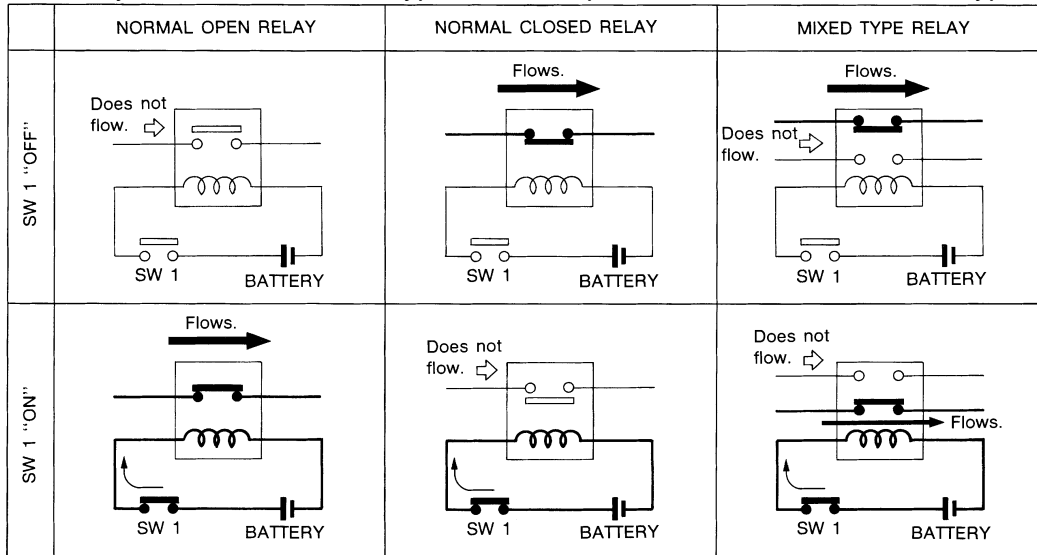
STANDARDIZED RELAY

Description

INFOID:000000003131937

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



SEL881H

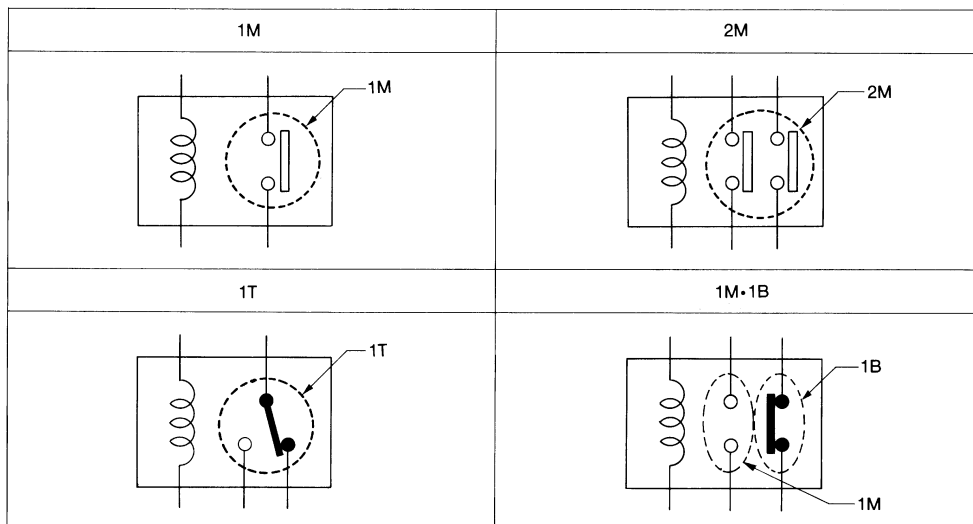
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M·1B 1 Make 1 Break

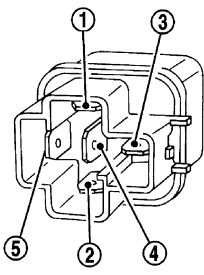
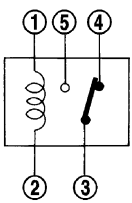
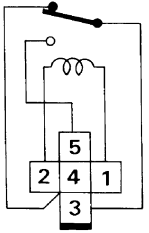
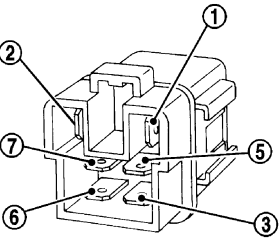
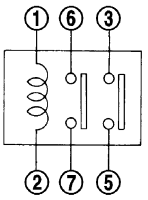
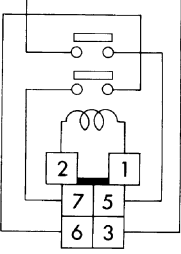
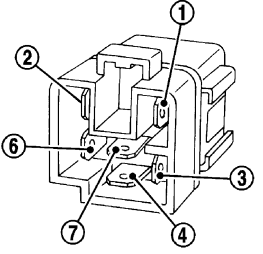
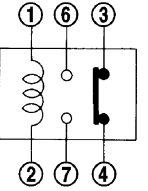
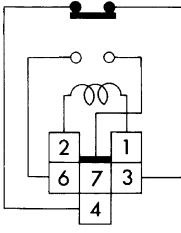
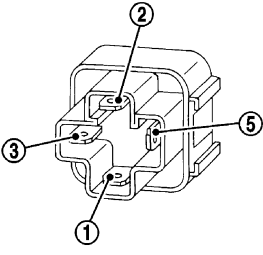
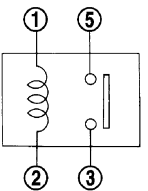
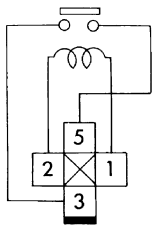
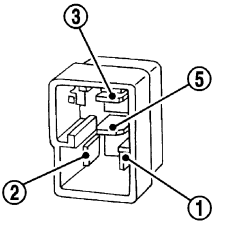
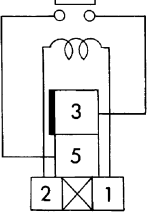


SEL882H

STANDARDIZED RELAY

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

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

SEL188W

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FUSE BLOCK - JUNCTION BOX (J/B)

< COMPONENT DIAGNOSIS >

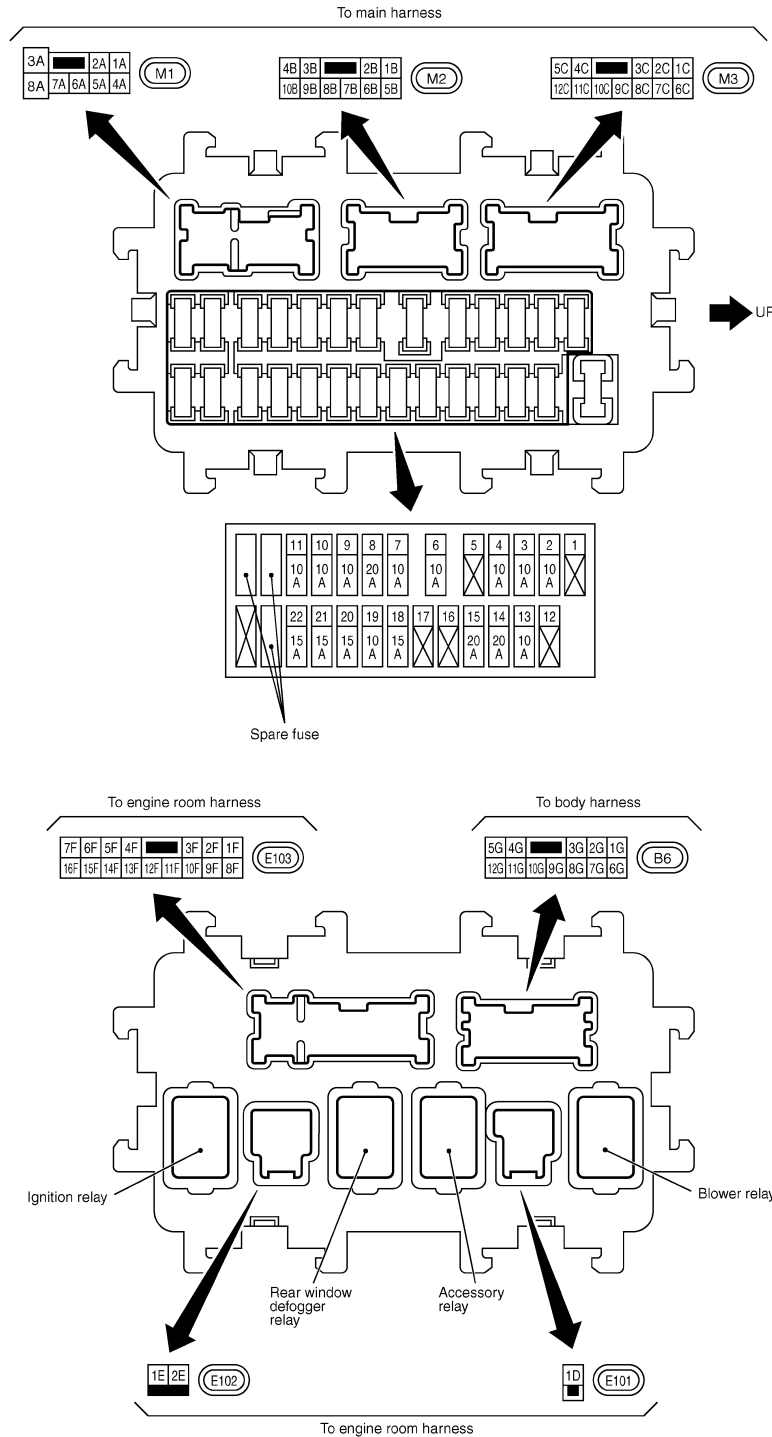
[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000003131938

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FUSE, FUSIBLE LINK AND RELAY BOX

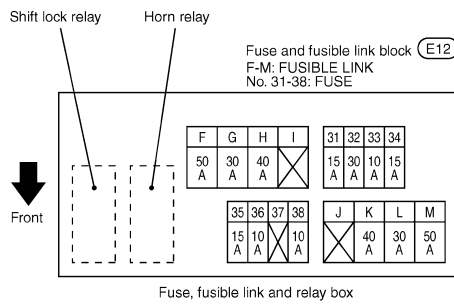
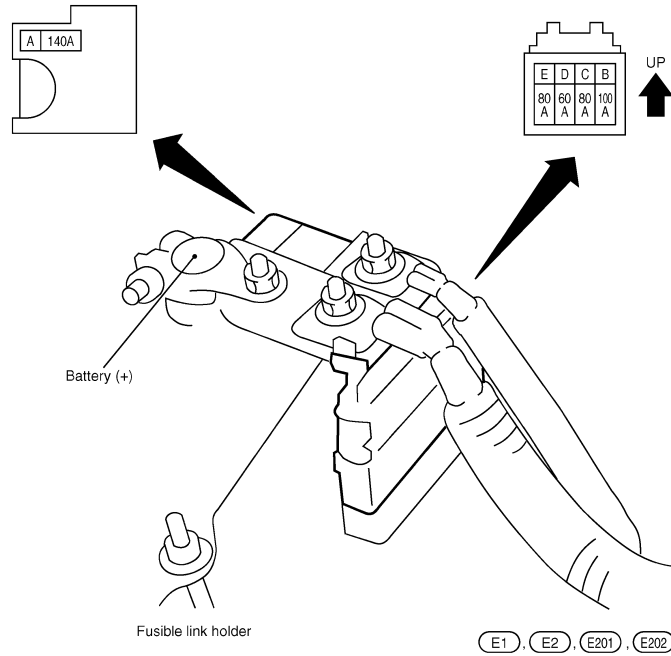
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000003131939



2007/10/26

JCMWM1497G

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

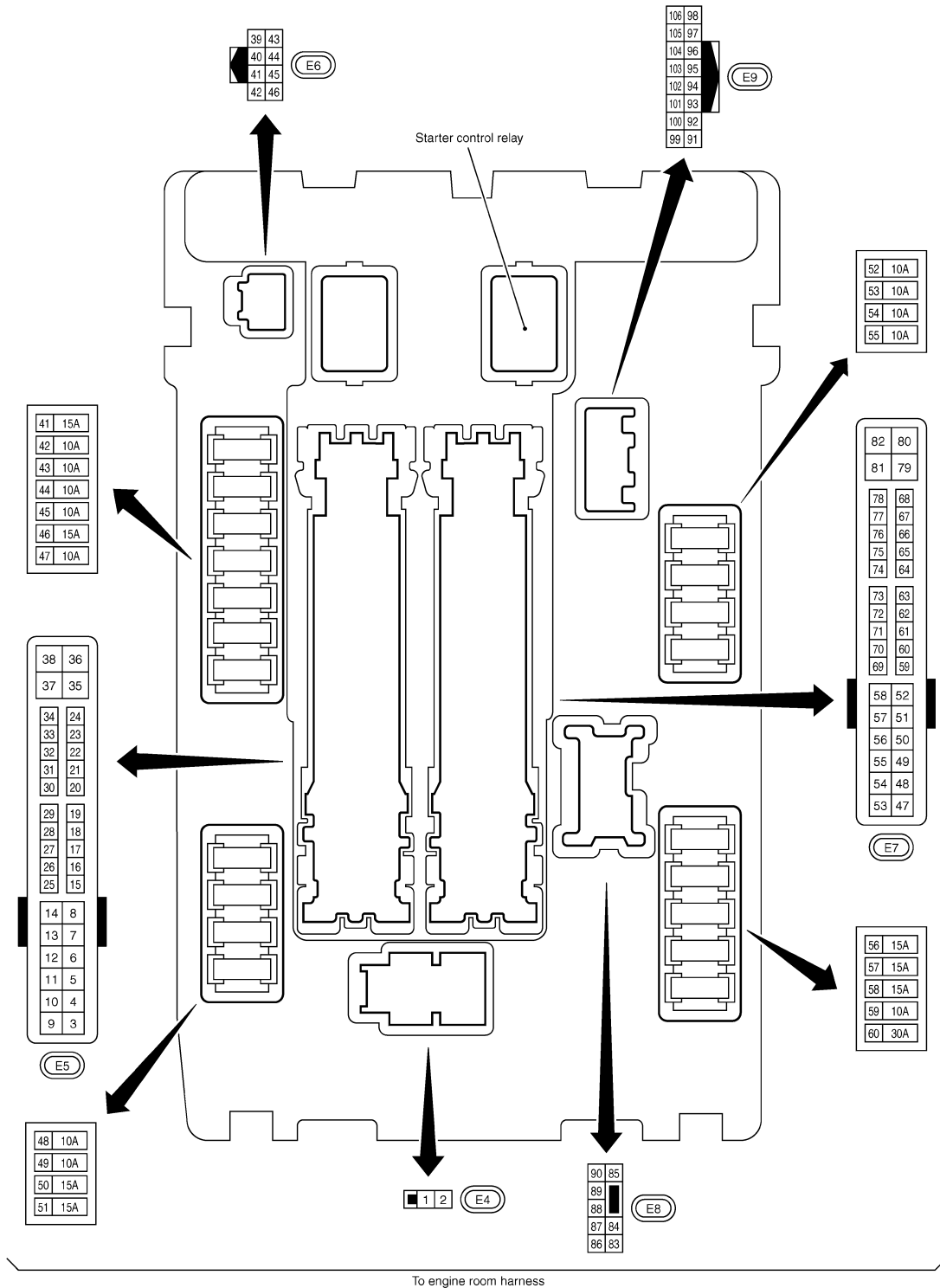
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000003131940



2007/10/26

JCMWM1498G

PRECAUTION

PRECAUTIONS

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

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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 AIRBAG" and "SEAT BELT" of this Service Manual.

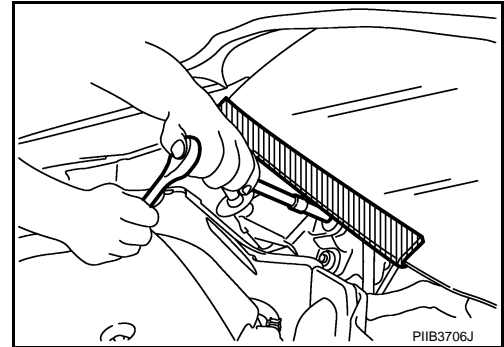
WARNING:

- 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 AIRBAG".
- 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.

Precaution for Procedure without Cowl Top Cover

INFOID:000000003131942

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



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PREPARATION

[POWER SUPPLY&GROUND CIRCUIT]

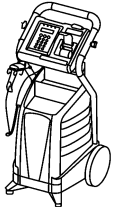
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PREPARATION

PREPARATION

Special Service Tools

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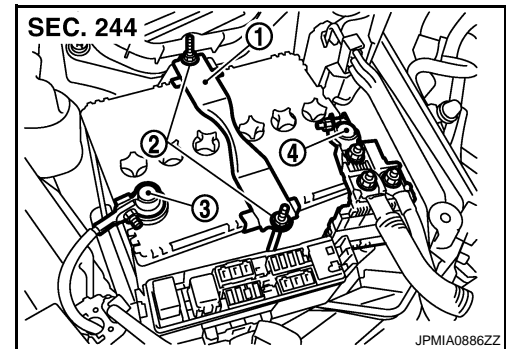
Tool number (Kent-Moore No.) Tool name	Description
<p>— (J-48087) Battery Service Center</p>  <p>WKIA5280E</p>	<p>Tests battery. For operating instructions, refer to Technical Service Bulletin and Battery Service Center User Guide.</p>

ON-VEHICLE REPAIR

BATTERY

Exploded View

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



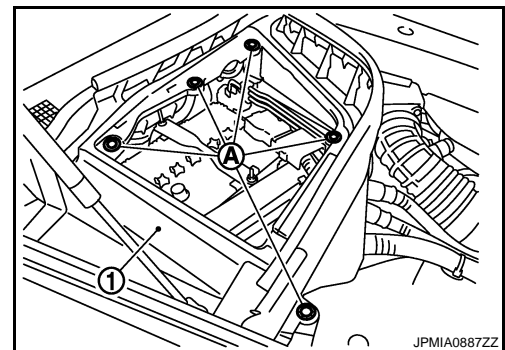
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Removal and Installation

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REMOVAL

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

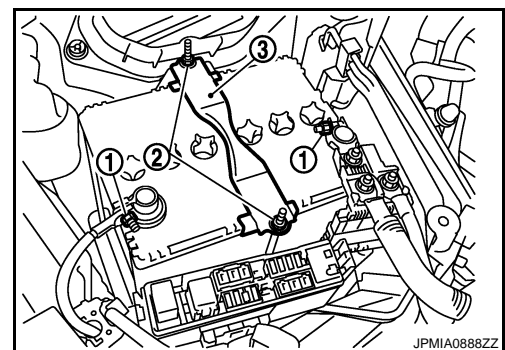


3. Remove the cowl top cover (RH). Refer to [EXT-23. "Removal and Installation"](#).
4. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

CAUTION:

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

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



INSTALLATION

Install in the reverse order of removal.

CAUTION:

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

Battery fix frame mounting nut

: 3.9 N·m (0.40 kg·m, 35 in·lb)

Battery terminal nut

: 5.4 N·m (0.55 kg·m, 48 in·lb)

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BATTERY

< ON-VEHICLE REPAIR >

[POWER SUPPLY&GROUND CIRCUIT]

Reset electronic systems as necessary. Refer to [GI-52. "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

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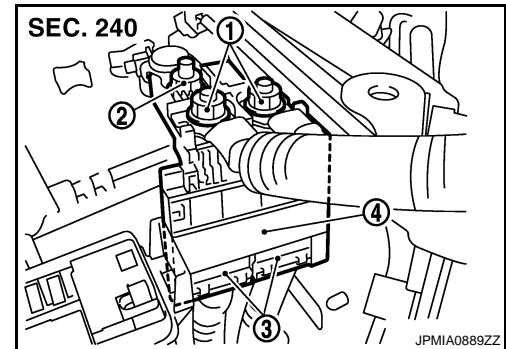
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

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

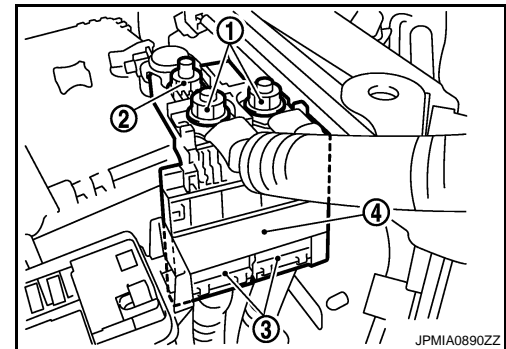


Removal and Installation

INFOID:000000003131947

REMOVAL

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



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

Fusible link holder mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

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SERVICE DATA AND SPECIFICATIONS (SDS)

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[POWER SUPPLY&GROUND CIRCUIT]

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:000000003131948

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