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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	10
POWER SUPPLY ROUTING CIRCUIT	10
Wiring Diagram - BATTERY POWER SUPPLY -	10
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 6 -	25
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 11 -	27
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 31 -	29
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 50 -	32
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 52 -	36
Wiring Diagram - BATTERY POWER SUPPLY	
FUSE No. 53 -	38
Wiring Diagram - ACCESSORY POWER SUPPLY -	48
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -	51
Wiring Diagram - IGNITION POWER SUPPLY -	55
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 3 -	65
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 4 -	74
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 43 -	77
Wiring Diagram - IGNITION POWER SUPPLY	
FUSE No. 44 -	79
Fuse	82
Fusible Link	82
Circuit Breaker	82
HARNESS LAYOUT	83
How To Read Harness Layout	83
Outline	84
Main Harness	85
Engine Room Harness	86
Engine Control Harness	88
Body Harness	89
Body No. 2 Harness	90
Room Lamp Harness	91
Front Door Harness (LH Side)	92
Front Door Harness (RH Side)	93
Rear Door Harness (LH Side)	94
Rear Door Harness (RH Side)	95
HARNESS CONNECTOR	96
Description	96
STANDARDIZED RELAY	99
Description	99
FUSE BLOCK - JUNCTION BOX (J/B)	101
Fuse, Connector and Terminal Arrangement	101
FUSE, FUSIBLE LINK AND RELAY BOX	102
Fuse and Fusible Link Arrangement	102
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	103
Fuse, Connector and Terminal Arrangement	103
PRECAUTION	104
PRECAUTIONS	104
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	104
ON-VEHICLE MAINTENANCE	105
BATTERY CHARGING CHART	105
Slow Charge	105
Standard Charge	106

Quick Charge	107	Removal and Installation	111
ON-VEHICLE REPAIR	109	SERVICE DATA AND SPECIFICATIONS	
BATTERY	109	(SDS)	112
Exploded View	109	SERVICE DATA AND SPECIFICATIONS	
Removal and Installation	109	(SDS)	112
BATTERY TERMINAL WITH FUSIBLE LINK. 111		Battery	112
Exploded View	111		

BASIC INSPECTION

BATTERY

How to Handle Battery

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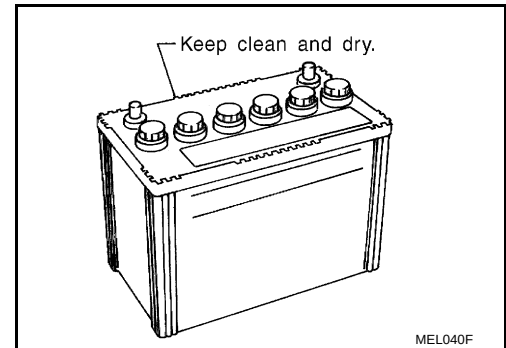
CAUTION:

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

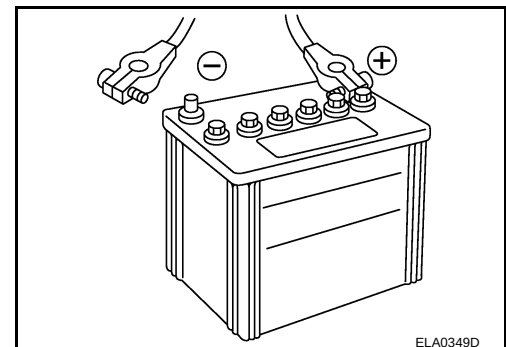
METHODS OF PREVENTING OVER-DISCHARGE

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

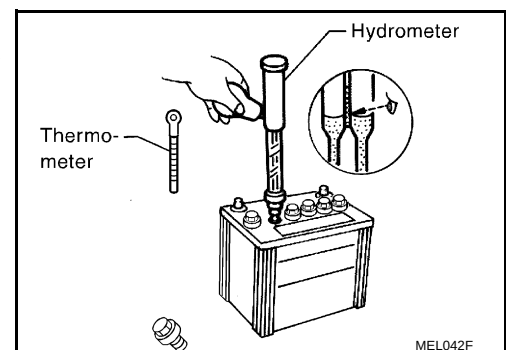
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level.
This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



CHECKING ELECTROLYTE LEVEL

WARNING:

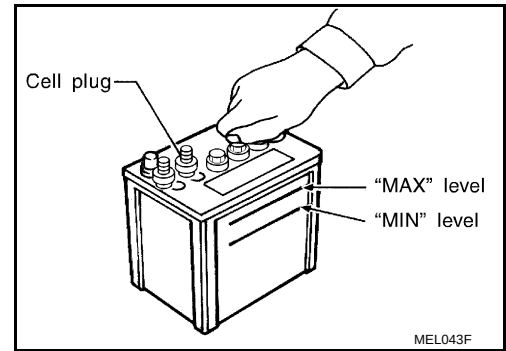
Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

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

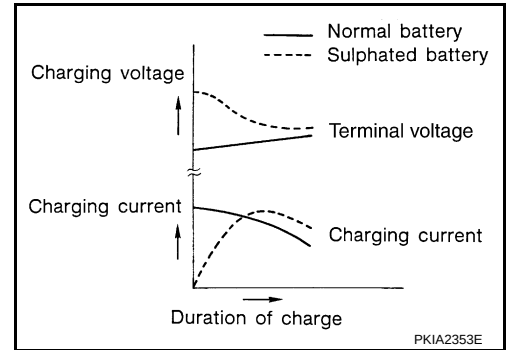


Sulphation

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

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

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

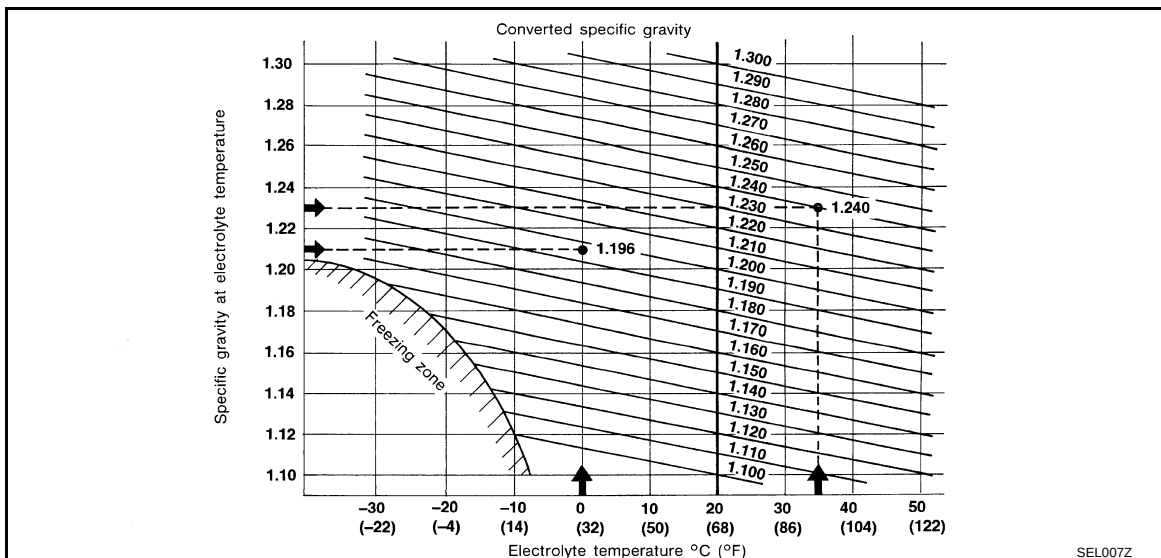
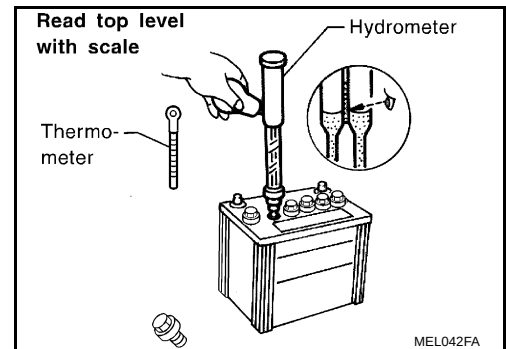


SPECIFIC GRAVITY CHECK

1. Read hydrometer and thermometer indications at eye level.
2. Convert into specific gravity at 20°C (68°F).

Example:

- When electrolyte temperature is 35°C (95°F) and specific gravity of electrolyte is 1.230, converted specific gravity at 20°C (68°F) is 1.240.
- When electrolyte temperature is 0°C (32°F) and specific gravity of electrolyte is 1.210, converted specific gravity at 20°C (68°F) is 1.196.



BATTERY

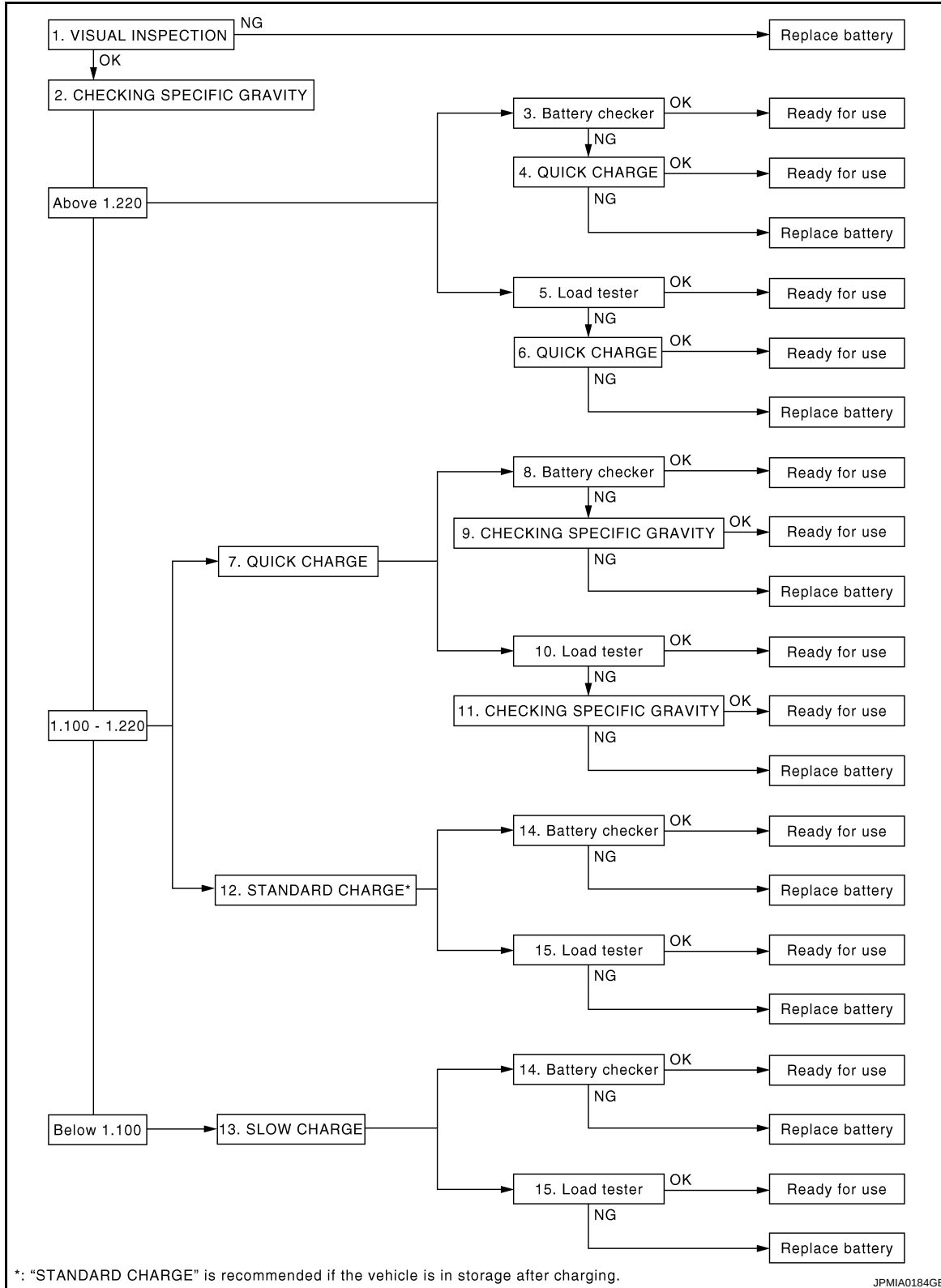
< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

Work Flow

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OVERALL SEQUENCE



DETAILED FLOW

1. VISUAL INSPECTION

1. Check battery case for cracks or bends.
2. Check battery terminals for damage.

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

3. If the difference between the max. and min. electrolyte level in cells is within 10 mm (0.39 in), it is OK.

Are these inspection results normal?

YES >> GO TO 2.

NO >> Replace battery.

2.CHECKING SPECIFIC GRAVITY

Check specific gravity. Refer to [PG-3, "How to Handle Battery"](#).

Inspection results

Above 1.220 (Test using battery checker)>>GO TO 3.

Above 1.220 (Test using load tester)>>GO TO 5.

1.100 - 1.220 (When performing quick charge)>>GO TO 7.

1.100 - 1.220 (When performing standard charge)>>GO TO 12.

Below 1.100>>GO TO 13.

3.CAPACITY TEST

Test using battery checker.

Is the battery usable, according to the manufacturer's instructions?

YES >> Ready for use. Mount battery again and check loose terminals. Also check other related circuits.

NO >> GO TO 4.

4.QUICK CHARGE

1. Perform quick charge. Time required: 45 min. Refer to [PG-107, "Quick Charge"](#).

2. Test using battery checker.

Is the battery usable, according to the manufacturer's instructions?

YES >> Ready for use.

NO >> Replace battery.

5.CAPACITY TEST

1. Test using load tester.

2. Check battery type and determine the specified current using the table.

Discharging Current (Load Tester)

Type	Current (A)
28B19R(L)	90
34B19R(L)	99
46B24R(L)	135
55B24R(L)	
50D23R(L)	150
55D23R(L)	180
80D23R(L)	195
65D26R(L)	
80D26R(L)	
75D31R(L)	210
95D31R(L)	240
115D31R(L)	
025 [YUASA type code]	
027 [YUASA type code]	285
110D26R(L)	300
95E41R(L)	
067 [YUASA type code]	325
130E41R(L)	330
096 [YUASA type code]	375

3. Read load tester voltage when specified discharging current flows through battery for 15 seconds.

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

Is the voltage 9.6 V or more?

- YES >> Ready for use.
NO >> GO TO 6.

6. QUICK CHARGE

1. Perform quick charge. Time required: 45 min. Refer to [PG-107, "Quick Charge"](#).
2. Test using load tester.

Is the voltage 9.6 V or more?

- YES >> Ready for use.
NO >> Replace battery.

7. QUICK CHARGE

1. Perform quick charge. Refer to [PG-107, "Quick Charge"](#).
2. Perform capacity test.

Test using battery checker.>>GO TO 8.
Test using load tester.>>GO TO 10.

8. CAPACITY TEST

Test using battery checker.

Is the battery usable, according to the manufacturer's instructions?

- YES >> Ready for use.
NO >> GO TO 9.

9. CHECKING SPECIFIC GRAVITY

1. Check specific gravity. Refer to [PG-3, "How to Handle Battery"](#).
2. Perform recharge. Refer to [PG-107, "Quick Charge"](#).

NOTE:

If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

3. Test using battery checker.

Is the battery usable, according to the manufacturer's instructions?

- YES >> Ready for use.
NO >> Replace battery.

10. CAPACITY TEST

1. Test using load tester.
2. Check battery type and determine the specified current using the table.

Discharging Current (Load Tester)

Type	Current (A)
28B19R(L)	90
34B19R(L)	99
46B24R(L)	135
55B24R(L)	150
50D23R(L)	180
55D23R(L)	195
80D23R(L)	210
65D26R(L)	240
80D26R(L)	
75D31R(L)	
95D31R(L)	
115D31R(L)	
025 [YUASA type code]	

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

Type	Current (A)
027 [YUASA type code]	285
110D26R(L)	300
95E41R(L)	
067 [YUASA type code]	325
130E41R(L)	330
096 [YUASA type code]	375

3. Read load tester voltage when specified discharging current flows through battery for 15 seconds.

Is the voltage 9.6 V or more?

YES >> Ready for use.

NO >> GO TO 11.

11. CHECKING SPECIFIC GRAVITY

1. Check specific gravity. Refer to [PG-3, "How to Handle Battery"](#).

2. Perform recharge. Refer to [PG-107, "Quick Charge"](#).

NOTE:

If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

3. Test using load tester.

Is the voltage 9.6 V or more?

YES >> Ready for use.

NO >> Replace battery.

12. STANDARD CHARGE

NOTE:

"STANDARD CHARGE" is recommended if the vehicle is in storage after charging.

1. Perform standard charge. Refer to [PG-106, "Standard Charge"](#).

2. Perform capacity test.

Test using battery checker.>>GO TO 14.

Test using load tester.>>GO TO 15.

13. SLOW CHARGE

1. Perform slow charge. Refer to [PG-105, "Slow Charge"](#).

2. Perform capacity test.

Test using battery checker.>>GO TO 14.

Test using load tester.>>GO TO 15.

14. CAPACITY TEST

Test using battery checker.

Is the battery usable, according to the manufacturer's instructions?

YES >> Ready for use.

NO >> Replace battery.

15. CAPACITY TEST

1. Test using load tester.

2. Check battery type and determine the specified current using the table.

Discharging Current (Load Tester)	
Type	Current (A)
28B19R(L)	90
34B19R(L)	99
46B24R(L)	135
55B24R(L)	

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

Type	Current (A)
50D23R(L)	150
55D23R(L)	180
80D23R(L)	195
65D26R(L)	
80D26R(L)	
75D31R(L)	210
95D31R(L)	240
115D31R(L)	
025 [YUASA type code]	
027 [YUASA type code]	285
110D26R(L)	300
95E41R(L)	
067 [YUASA type code]	325
130E41R(L)	330
096 [YUASA type code]	375

3. Read load tester voltage when specified discharging current flows through battery for 15 seconds.

Is the voltage 9.6 V or more?

YES >> Ready for use.
NO >> Replace battery.

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[POWER SUPPLY&GROUND CIRCUIT]

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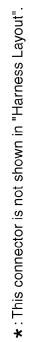
★: This connector is not shown in "Harness Layout".

2008/01/23

JCMWM1694G|

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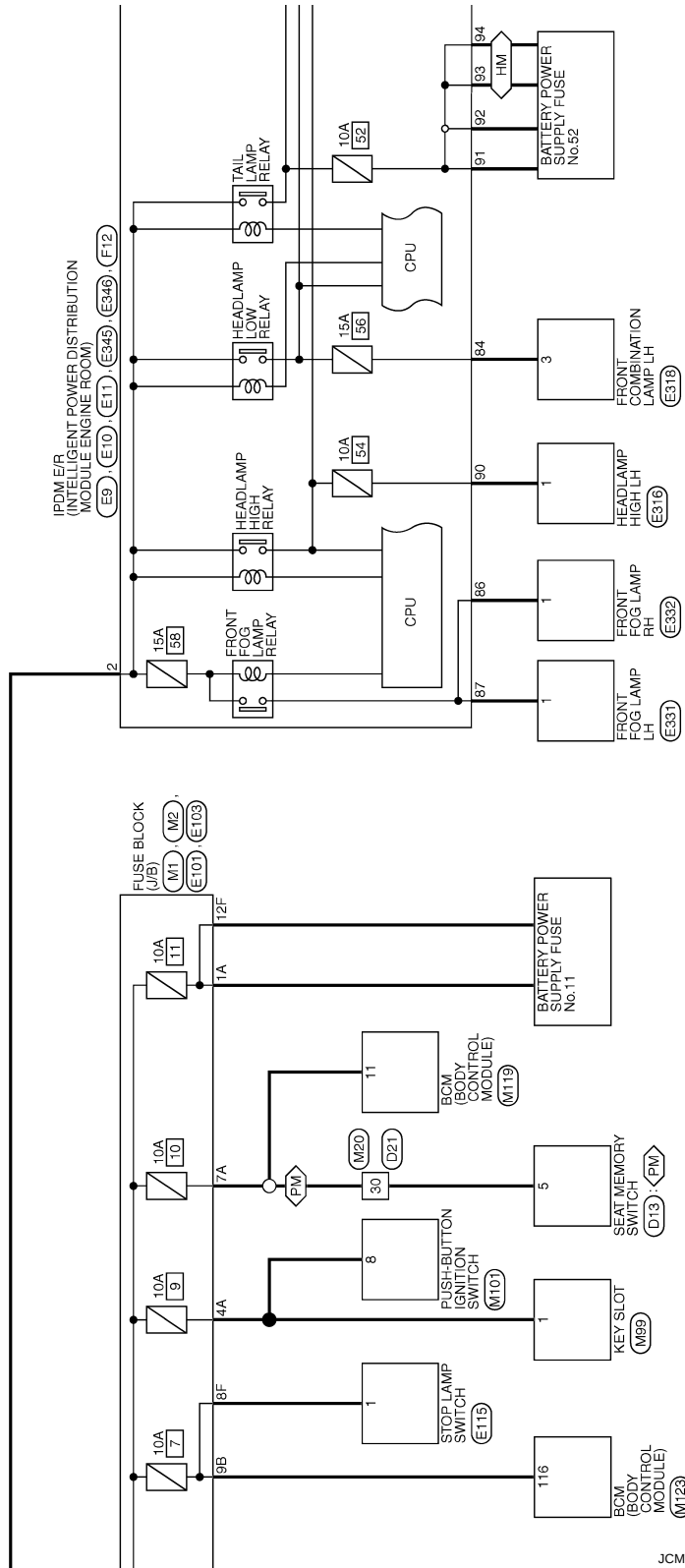
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PM : With automatic drive positioner
HM : With headlamp manual aiming

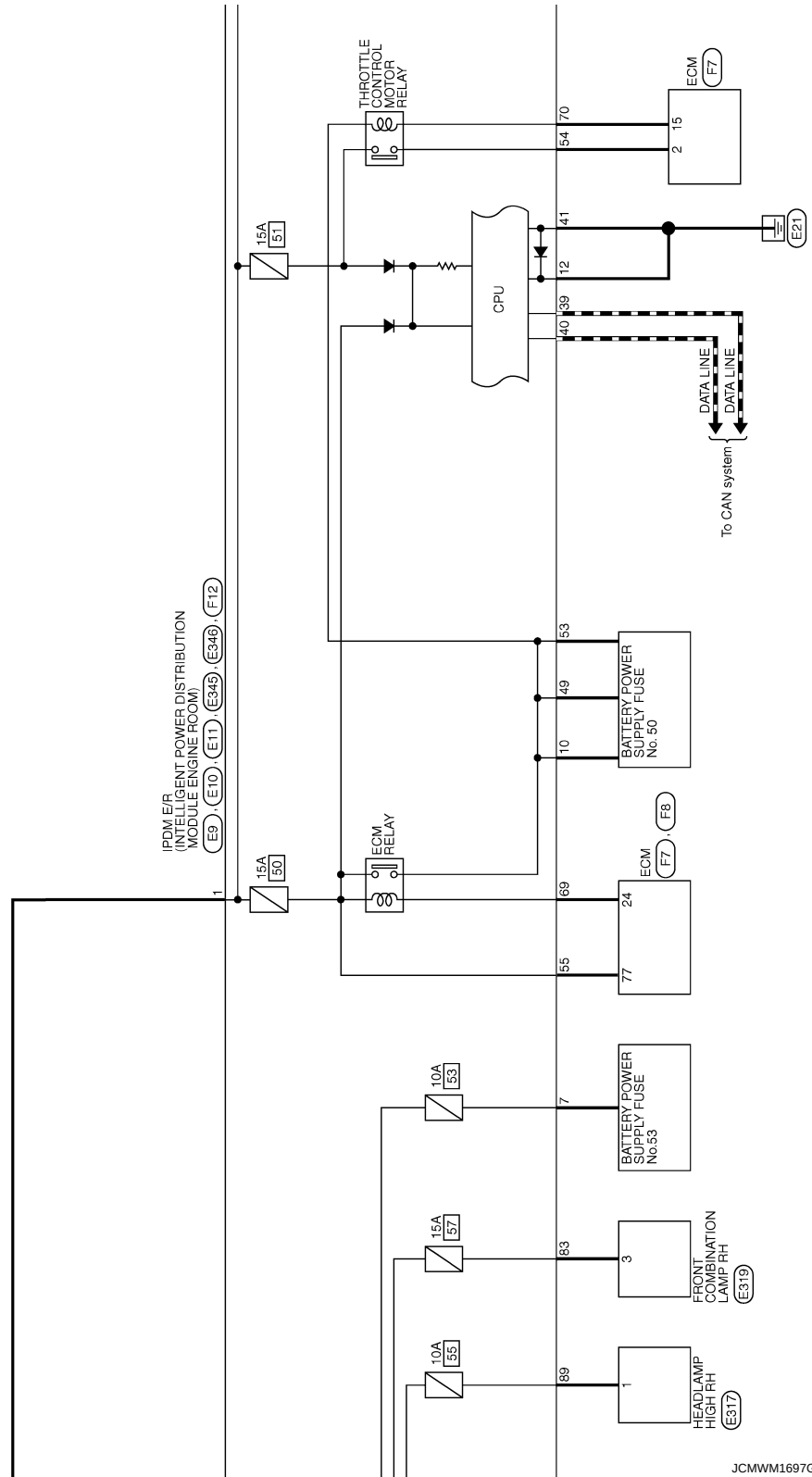


JCMWM1696G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



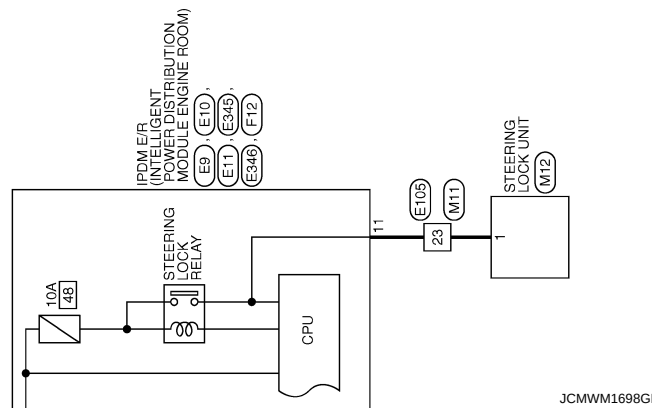
JCMWM1697G1

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



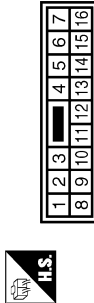
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



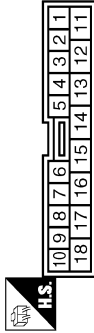
Terminal No.	12
Color of Wire	GR
Signal Name [Specification]	-

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH6GMH-CS19



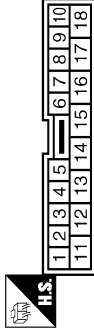
Terminal No.	86
Color of Wire	V
Signal Name [Specification]	-[With front ventilation seat]

Connector No.	B20
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



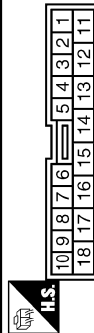
Terminal No.	11
Color of Wire	V
Signal Name [Specification]	-[With front ventilation seat]

Connector No.	B36
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS8



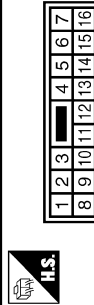
Terminal No.	18
Color of Wire	GR
Signal Name [Specification]	-

Connector No.	B214
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



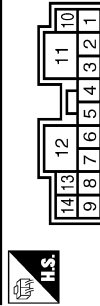
Terminal No.	11
Color of Wire	V
Signal Name [Specification]	-[With front ventilation seat]

Connector No.	B218
Connector Name	WIRE TO WIRE
Connector Type	NS16MBR-CS



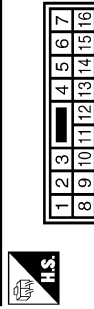
Terminal No.	1
Color of Wire	V
Signal Name [Specification]	-[With front ventilation seat]

Connector No.	B224
Connector Name	BOSE AMP.
Connector Type	SGA12FBR-SJA2



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

Connector No.	B226
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

JCMWM1699GI

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	B431
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS3



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

Connector No.	B441
Connector Name	FRONT VENTILATION SEAT CONTROL UNIT (PASSENGER SIDE)
Connector Type	DELPHI 15332141



59	58	60	44	45
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Connector No.	B462
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS3



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

Connector No.	B465
Connector Name	FRONT VENTILATION SEAT CONTROL UNIT (DRIVER SIDE)
Connector Type	DELPHI 15332141



59	58	60	44	45
----	----	----	----	----

Terminal No.	11
Color of Wire	GR/R
Signal Name [Specification]	—[With front ventilation seat]

Terminal No.	44
Color of Wire	GR/R
Signal Name [Specification]	VEHICLE BATTERY

Terminal No.	11
Color of Wire	GR/R
Signal Name [Specification]	—[With front ventilation seat]

Terminal No.	44
Color of Wire	GR/R
Signal Name [Specification]	VEHICLE BATTERY

Connector No.	B488
Connector Name	WIRE TO WIRE
Connector Type	TK10PW-NS3



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

Connector No.	B489
Connector Name	REAR VENTILATION SEAT CONTROL UNIT LH
Connector Type	DELPHI 15332141



59	58	60	44	45
----	----	----	----	----

Connector No.	B500
Connector Name	REAR VENTILATION SEAT CONTROL UNIT RH
Connector Type	DELPHI 15332141



59	58	60	44	45
----	----	----	----	----

Connector No.	D13
Connector Name	SEAT MEMORY SWITCH
Connector Type	A08PW



3	5	6	7	2	1	4
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Terminal No.	18
Color of Wire	R
Signal Name [Specification]	—

Terminal No.	44
Color of Wire	R
Signal Name [Specification]	VEHICLE BATTERY

Terminal No.	44
Color of Wire	R
Signal Name [Specification]	VEHICLE BATTERY

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

JCMWM1700G

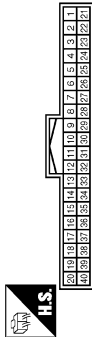
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



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

Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FGY-MC



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

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FBR-MC-B



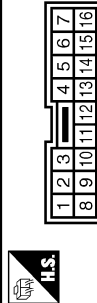
Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	-
2	L	-

Connector No.	E3
Connector Name	HORN RELAY
Connector Type	-

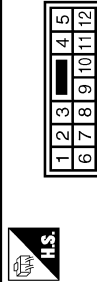


Terminal No.	Color of Wire	Signal Name [Specification]
2	SB	-

Connector No.	EB
Connector Name	WIRE TO WIRE
Connector Type	TK16MGY-IV



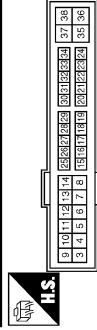
Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	NS12MBR-CS



Connector No.	E9
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	L02FB-MC



Connector No.	E10
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]
10	W	-

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

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

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

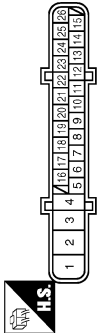
BATTERY POWER SUPPLY

Connector No.	E11
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-NH



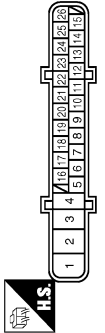
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B	-

Connector No.	E34
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) (WITHOUT VDC)
Connector Type	BAA2ZF-B-AHZ4-RH



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	+B(MTR)
3	R	+B(SOL)

Connector No.	E36
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) (WITH VDC)
Connector Type	BAA2ZF-B-AHZ4-RH



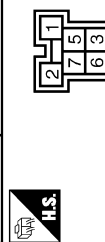
Terminal No.	Color of Wire	Signal Name [Specification]
2	W	GN0(MTR)
3	R	+B(MTR)

Connector No.	E57
Connector Name	COOLING FAN RELAY-2
Connector Type	M06FBR-R-LC



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

Connector No.	E59
Connector Name	COOLING FAN RELAY-3
Connector Type	M06FBR-R-LC



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

Connector No.	E70
Connector Name	WIRE TO WIRE
Connector Type	M06MW-LC



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

Connector No.	E72
Connector Name	THEFT WARNING HORN RELAY
Connector Type	M03FW-R-LC



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

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



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

JCMWM1702G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
8F	R	-
11F	Y/B	-
12F	V	-

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	FT70MMF-CS10-M3



Terminal No.	Color of Wire	Signal Name [Specification]
23	P	-
73	R	-
74	BR	-
80	R	-
82	LG	-

Connector No.	E115
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



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

Connector No.	E301
Connector Name	COOLING FAN MOTOR-1
Connector Type	RS04FGY-PR



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

Connector No.	E305
Connector Name	WIRE TO WIRE
Connector Type	M06FW-LC



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

Connector No.	E316
Connector Name	HEADLAMP HIGH LH
Connector Type	FH202FB-1V



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

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E317
Connector Name	HEADLAMP HIGH RH
Connector Type	FHZ02FB-1V



Terminal No.	1	W	Signal Name [Specification]	-
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Connector No.	E318
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS04FGY-PR



Terminal No.	3	SB	Signal Name [Specification]	-
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Connector No.	E319
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS04FGY-PR



Terminal No.	3	Y	Signal Name [Specification]	-
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Connector No.	E331
Connector Name	FRONT FOG LAMP LH
Connector Type	FHZ02FB



Terminal No.	1	R	Signal Name [Specification]	-
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Connector No.	E332
Connector Name	FRONT FOG LAMP RH
Connector Type	FHZ02FB



Terminal No.	1	L	Signal Name [Specification]	-
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Connector No.	E333
Connector Name	HEADLAMP WASHER RELAY
Connector Type	MS02FL-M2-LC



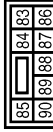
Terminal No.	2	O	Signal Name [Specification]	-
Terminal No.	5	O	Signal Name [Specification]	-

Connector No.	E339
Connector Name	WIRE TO WIRE
Connector Type	NS12FBR-CS



Terminal No.	5	O	Signal Name [Specification]	-
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Connector No.	E345
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS08FW-CS



Terminal No.	83	Y	Signal Name [Specification]	-
Terminal No.	84	SB	Signal Name [Specification]	-
Terminal No.	86	L	Signal Name [Specification]	-
Terminal No.	87	R	Signal Name [Specification]	-
Terminal No.	89	W	Signal Name [Specification]	-
Terminal No.	90	O	Signal Name [Specification]	-

JCMWM1704G

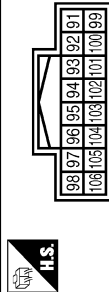
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E346
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH16FW-NH



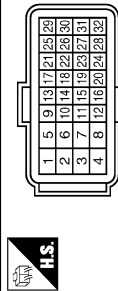
Terminal No.	Color of Wire	Signal Name [Specification]
91	O	-
92	L	-
93	BR	-
94	Y	-

Connector No.	F3
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340 JA04D



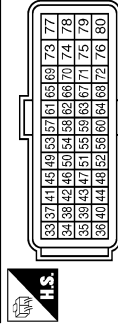
Terminal No.	Color of Wire	Signal Name [Specification]
5	B/R	-

Connector No.	F7
Connector Name	ECM
Connector Type	RM24FGY-RZ8-R-LH



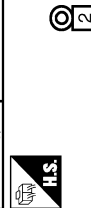
Terminal No.	Color of Wire	Signal Name [Specification]
2	G/W	VMOT-B1
15	O	MOTRLY-B1
24	W/B	SSOFF

Connector No.	F8
Connector Name	ECM
Connector Type	RM40FBR-RZ8-L-LH

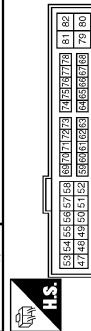


Terminal No.	Color of Wire	Signal Name [Specification]
77	W/L	BATT

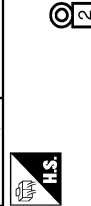
Connector No.	F10
Connector Name	STARTER MOTOR (WITH VQ35 ENGINE)
Connector Type	24340 JA05A



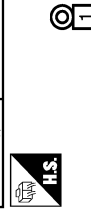
Connector No.	F12
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



Connector No.	F49
Connector Name	STARTER MOTOR (WITH VQ25 ENGINE)
Connector Type	24340 JA06A



Connector No.	F59
Connector Name	ALTERNATOR
Connector Type	24340 JA09A



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

Terminal No.	Color of Wire	Signal Name [Specification]
49	R/B	-
53	R/W	-
54	G/W	-
55	W/L	-
69	W/B	-
70	O	-

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

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	F60
Connector Name	ALTERNATOR
Connector Type	HS03FB



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

Connector No.	F123
Connector Name	WIRE TO WIRE
Connector Type	TK16GY-1V



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1A	W/L	-
4A	G/Y	-
7A	Y/R	-

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

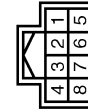


Terminal No.	Color of Wire	Signal Name [Specification]
1B	G/W	-
6B	Y/R	-
9B	R/W	-

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



Connector No.	M12
Connector Name	STEERING LOCK UNIT
Connector Type	TH08FW-NH



Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



Connector No.	M70
Connector Name	WIRE TO WIRE
Connector Type	NS16FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
23	P/L	-
73	B/R	-
74	BR	-
80	R/W	-
82	W/B	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	P/L	S/L 12V MECHANICAL(V1)

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

Terminal No.	Color of Wire	Signal Name [Specification]
1	R/W	-[With front ventilation sec]

JCMWM1706G

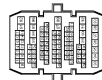
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

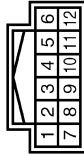
BATTERY POWER SUPPLY

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS19



Terminal No.	86
Color of Wire	R/W
Signal Name [Specification]	- [With front ventilation seat]

Connector No.	M89
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



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

Connector No.	M101
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08EBR



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

Connector No.	M107
Connector Name	FUEL LID OPENER RELAY
Connector Type	MS02FL-M2-LC



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

Connector No.	M15
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LC



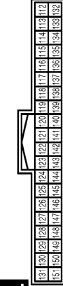
Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LC



Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS18FW-CS



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



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

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

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

Terminal No.	118
Color of Wire	R/W
Signal Name [Specification]	STOP L LOW SW

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



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

Terminal No.	Color of Wire	Signal Name [Specification]
5	BR	-
6	B/R	-

JCMWM1708G

POWER SUPPLY ROUTING CIRCUIT

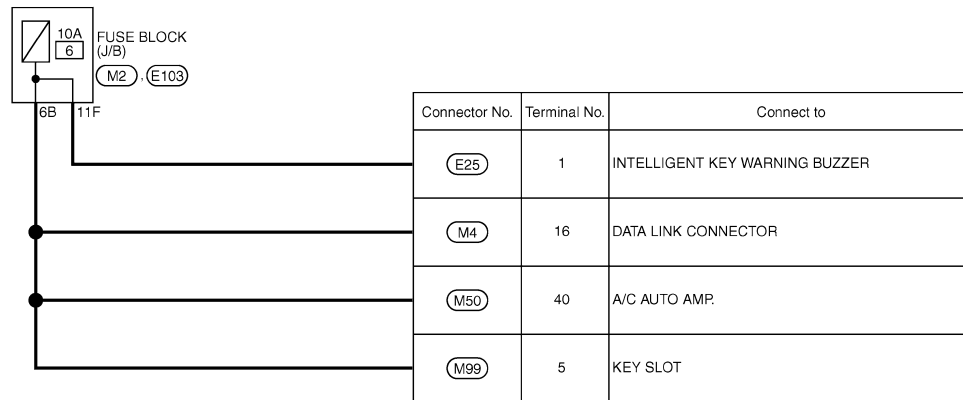
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000003792653

BATTERY POWER SUPPLY FUSE No.6



2008/01/23

JCMWM1709G

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

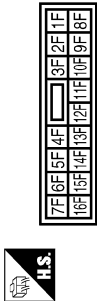
BATTERY POWER SUPPLY FUSE No.6

Connector No.	E23
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FB



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

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



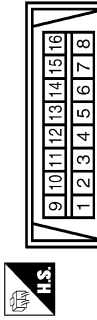
Terminal No.	11F
Color of Wire	Y/B
Signal Name [Specification]	-

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



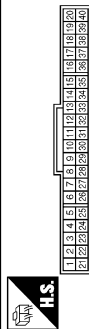
Terminal No.	8B
Color of Wire	Y/R
Signal Name [Specification]	-

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	ED16FW

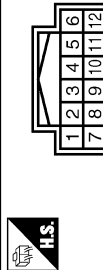


Terminal No.	16
Color of Wire	Y/R
Signal Name [Specification]	-

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



Connector No.	M99
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



Terminal No.	40
Color of Wire	Y/R
Signal Name [Specification]	BAT POWER SUPPLY

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

JCMWM1710G

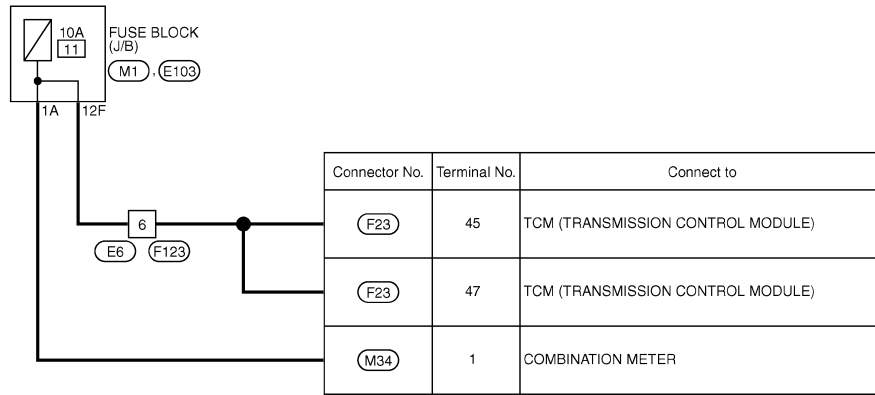
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000003792655



2008/01/23

JCMWM1711GI

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.11

Connector No.	E6
Connector Name	WIRE TO WIRE
Connector Type	TK16MGY-TV



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

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



17F	16F	15F	14F	13F	12F	11F	10F	9F	8F
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Terminal No.	6
Color of Wire	V
Signal Name [Specification]	-

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

Connector No.	F23
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	8H40EB-R28-L-RH



31	32	33	34	35	36	37	38	39	40	47	48
21	22	23	24	25	26	27	28	29	30	45	46
11	12	13	14	15	16	17	18	19	20	43	44
1	2	3	4	5	6	7	8	9	10	41	42

Terminal No.	45
Color of Wire	L/R
Signal Name [Specification]	BATT

Terminal No.	47
Color of Wire	L/R
Signal Name [Specification]	BATT

Connector No.	FT23
Connector Name	WIRE TO WIRE
Connector Type	TK16FGY-TV



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

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

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



3A		2A	1A	
8A	7A	6A	5A	4A

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

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

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

JCMWM1712G

POWER SUPPLY ROUTING CIRCUIT

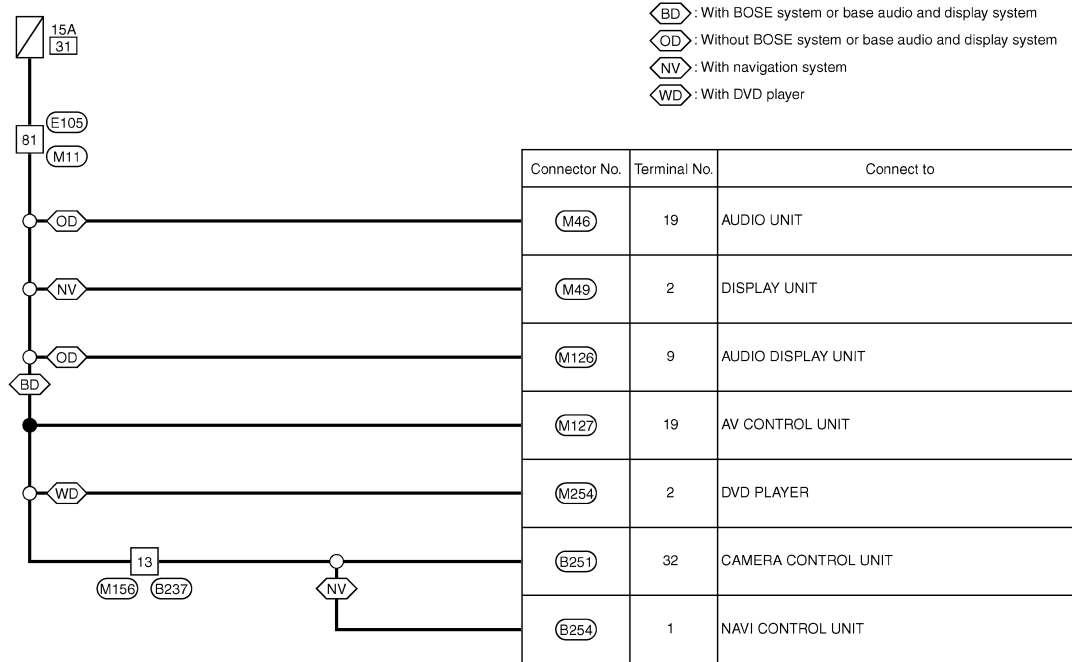
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 31 -

INFOID:000000003792656

BATTERY POWER SUPPLY FUSE No.31



2008/01/23

JCMWM1713G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

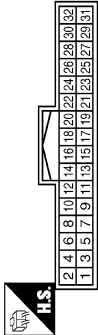
BATTERY POWER SUPPLY FUSE No.31

Connector No.	B237
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



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

Connector No.	B251
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32FW-NH



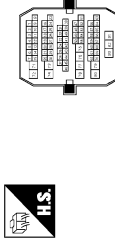
Terminal No.	32
Color of Wire	Y
Signal Name [Specification]	BAT

Connector No.	B254
Connector Name	NAVI CONTROL UNIT
Connector Type	TH16FW-NH



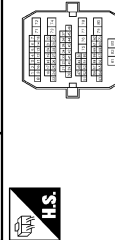
Terminal No.	1
Color of Wire	Y
Signal Name [Specification]	BAT

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MM-CS10-M3



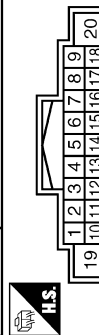
Terminal No.	81
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



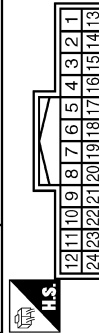
Terminal No.	81
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M46
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CS2



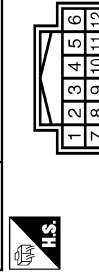
Terminal No.	19
Color of Wire	Y
Signal Name [Specification]	BAT

Connector No.	M49
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



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

Connector No.	M126
Connector Name	AUDIO DISPLAY UNIT
Connector Type	TH12FW-NH



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

JCMWM1714G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.31

Connector No.	M127
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2
	
Terminal No.	19
Color of Wire	Y
Signal Name [Specification]	BAT

Connector No.	M156
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH
	
Terminal No.	13
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	M254
Connector Name	DVD PLAYER
Connector Type	TH32FW-NH
	
Terminal No.	2
Color of Wire	Y
Signal Name [Specification]	BAT

JCMWWM1715G1

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POWER SUPPLY ROUTING CIRCUIT

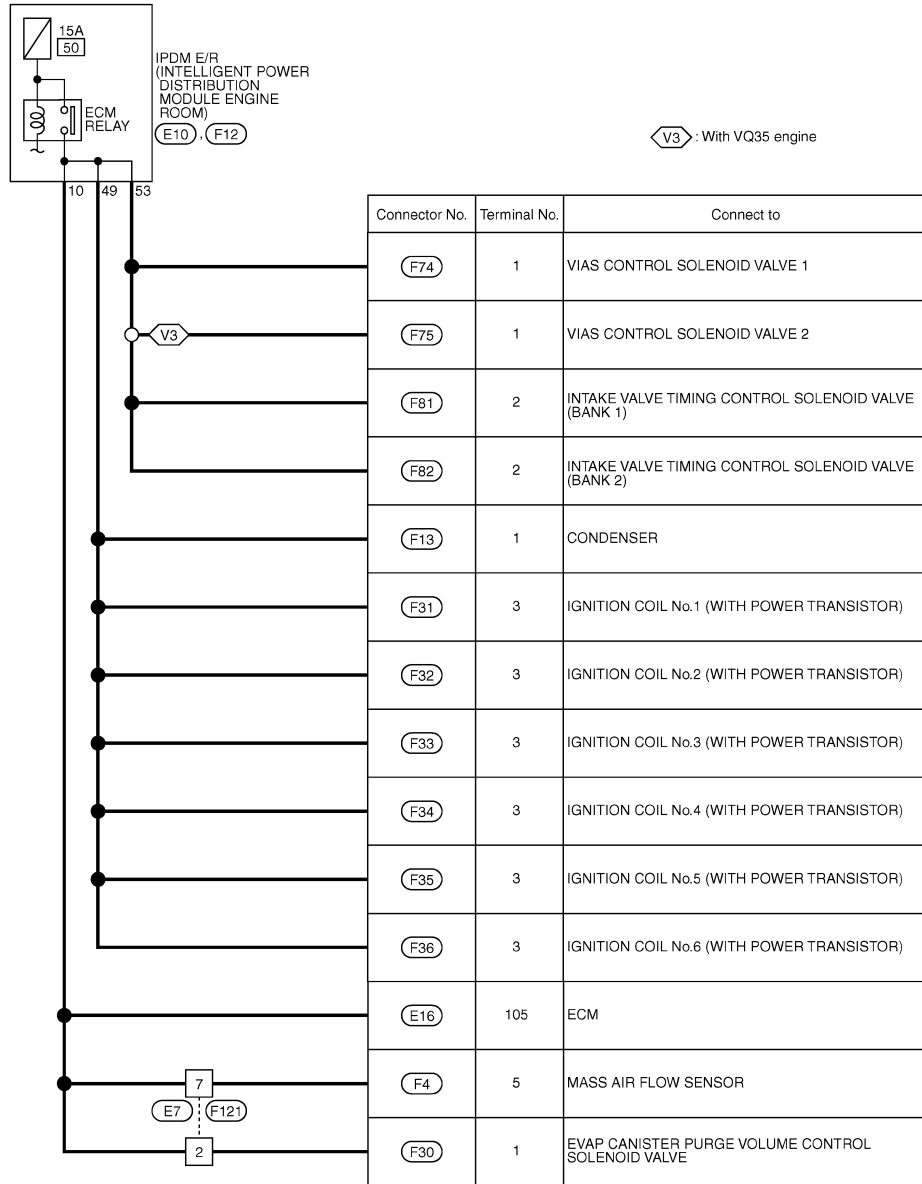
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE No.50



2008/01/23

JCMWM1716G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.50

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



1	2	3	4
5	6	7	8
9	10		

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

Connector No.	E10
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



9	10	11	12	13	14	25	26	27	28	29	30	31	32	33	34	37	38
3	4	5	6	7	8	15	16	17	18	19	20	21	22	23	24	35	36

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

Connector No.	E16
Connector Name	ECM
Connector Type	RH24FB-RZB-L-LH



81	85	89	93	97	101	105	109
82	86	90	94	98	102	106	110
83	87	91	95	99	103	107	111
84	88	92	96	100	104	108	112

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

Connector No.	F4
Connector Name	MASS AIR FLOW SENSOR
Connector Type	RH05FB



1	2	3	4	5	6
---	---	---	---	---	---

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

Connector No.	F12
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



35	36	37	38	41	42	43	44	45	46	47	48	49	50	51	52	79	80
53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	70	71

Connector No.	F13
Connector Name	CONDENSER
Connector Type	M02FW-GY-LC



1	2
---	---

Connector No.	F30
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS-LGY



1	2
---	---

Connector No.	F31
Connector Name	IGNITION COIL No.1 (WITH POWER TRANSISTOR)
Connector Type	EG3FGY-RS



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

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

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

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

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.50

Connector No.	F32
Connector Name	IGNITION COIL No.2 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F33
Connector Name	IGNITION COIL No.3 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F34
Connector Name	IGNITION COIL No.4 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F35
Connector Name	IGNITION COIL No.5 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F36
Connector Name	IGNITION COIL No.6 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F74
Connector Name	VIAS CONTROL SOLENOID VALVE 1
Connector Type	E02FB-RS



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

Connector No.	F75
Connector Name	VIAS CONTROL SOLENOID VALVE 2
Connector Type	E02FB-RS



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

Connector No.	F81
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	E02FG-RS-LGY



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

JCMWM1718G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.50

Connector No.	F52
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	E2FEG-RS-LGY



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

Connector No.	F121
Connector Name	WIRE TO WIRE
Connector Type	NS1DFW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	R/Y	-
7	R/G	-

JCMWM1719G

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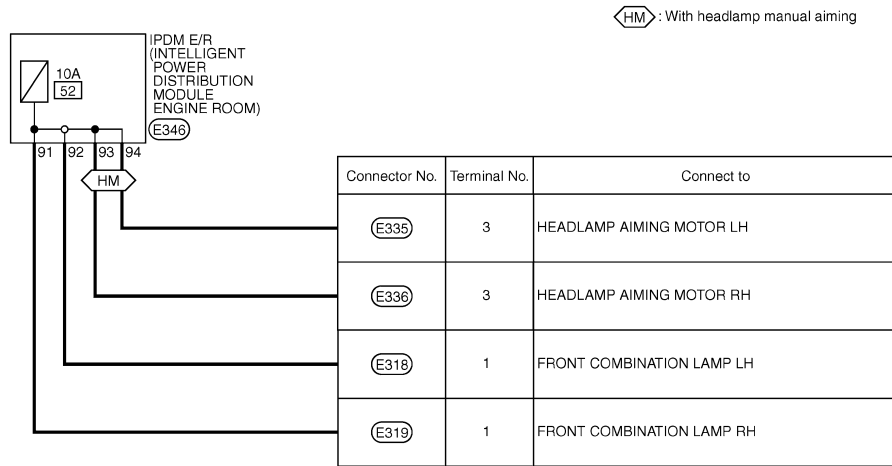
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 52 - BATTERY POWER SUPPLY FUSE No.52

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2008/01/23

JCMWM1720G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.52

Connector No.	E318
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS04FGY-PR



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

Connector No.	E319
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS04FGY-PR



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

Connector No.	E335
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



Terminal No.	3
Color of Wire	Y
Signal Name [Specification]	-[With headlamp manual aiming]

Connector No.	E336
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS03FGY



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

Connector No.	E346
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH16FW-NH



Terminal No.	91
Color of Wire	O
Signal Name [Specification]	-
92	L
93	BR
94	Y

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POWER SUPPLY ROUTING CIRCUIT

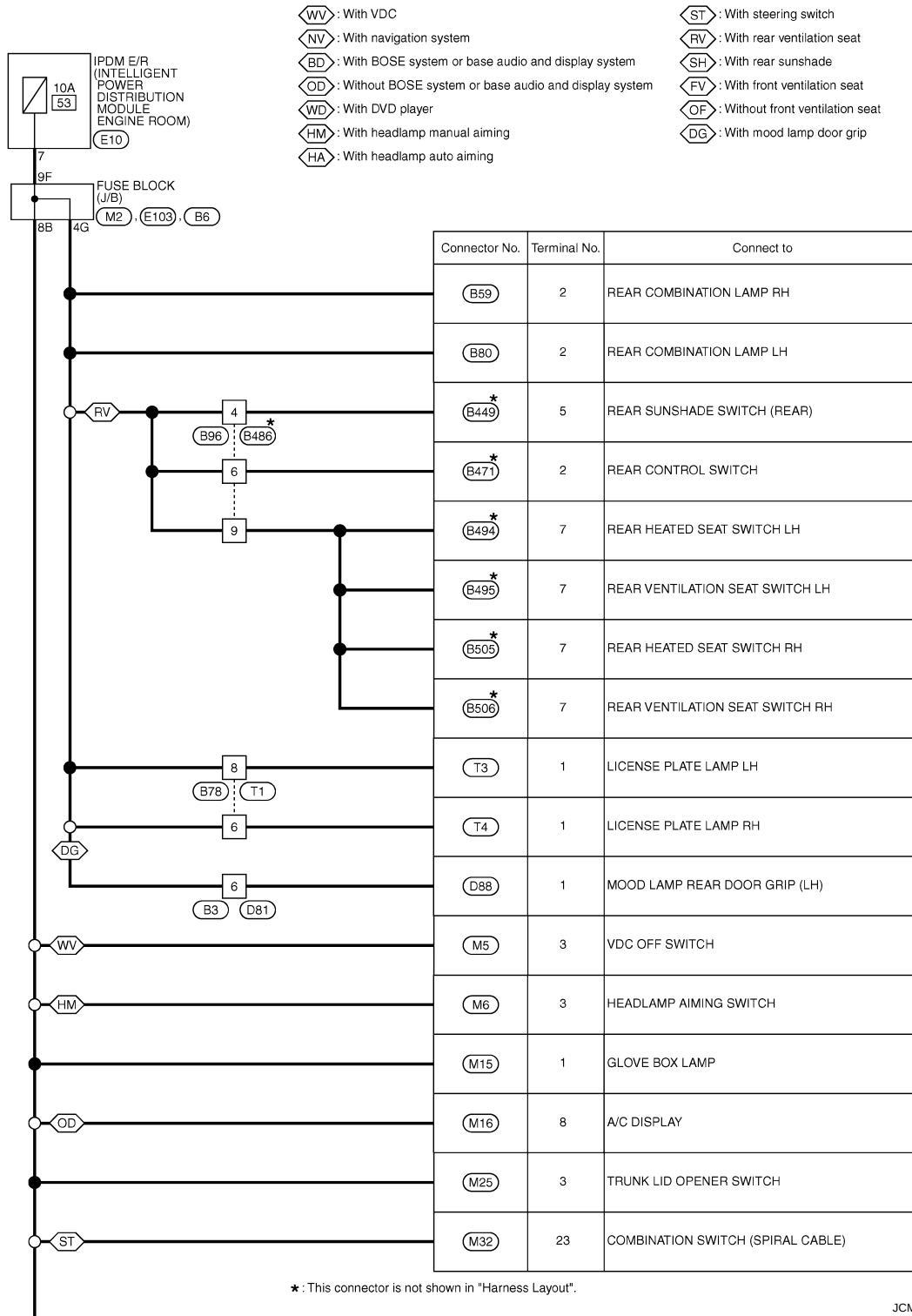
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[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000003792659

BATTERY POWER SUPPLY FUSE No.53

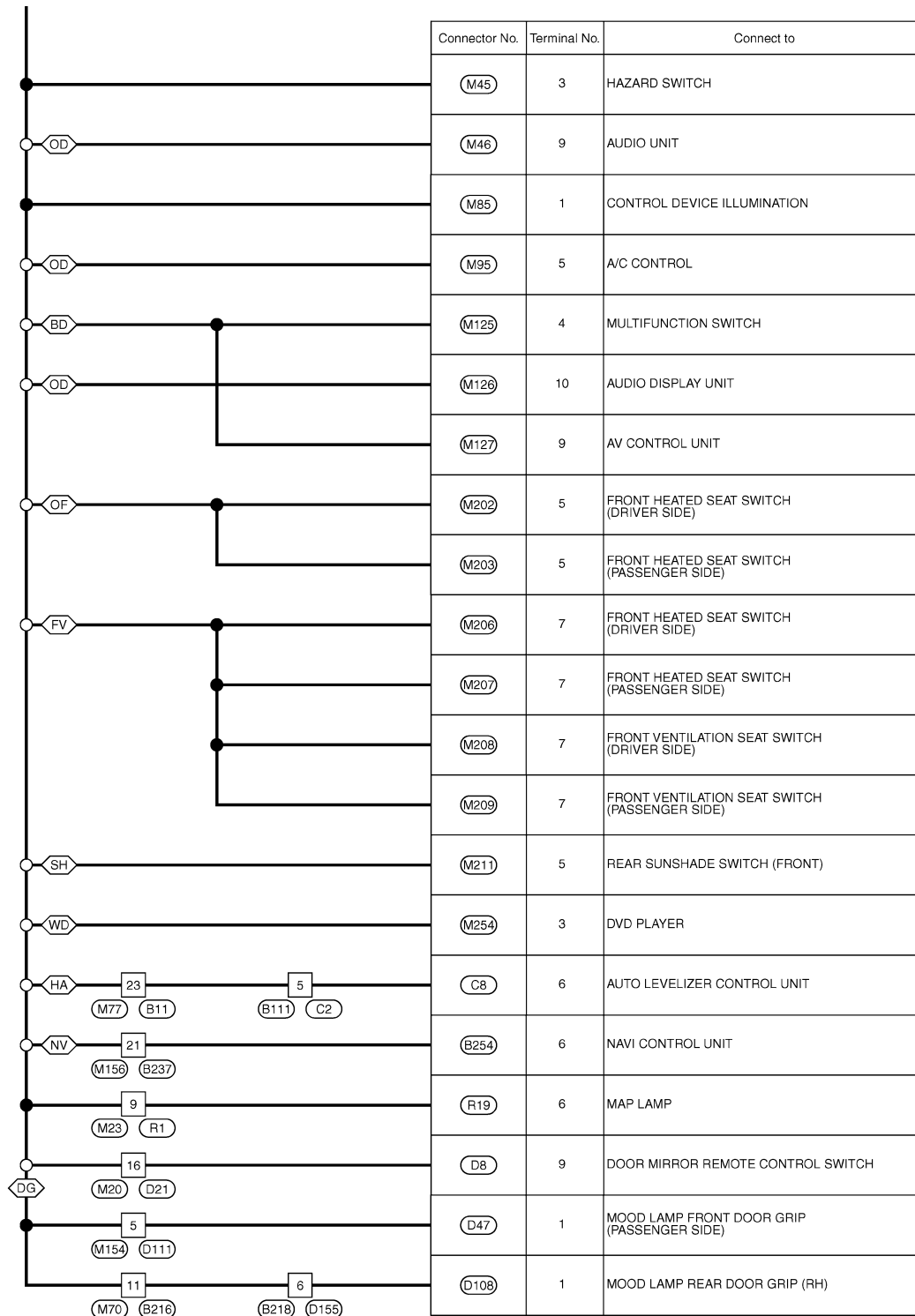


JCMWM1722G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



2008/01/23

JCMWWM1723GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



1	2	3	4
5	6	7	8
9	10		

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

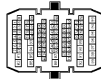
Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FER-CS



5	6	7	8	9	10
11	12	13	14	15	16
17	18	19	20	21	22

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

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH20MW-CS19



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

Connector No.	B59
Connector Name	REAR COMBINATION LAMP RH
Connector Type	RS06FGY-PR



3	2	1
6	5	4

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

Connector No.	B78
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



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

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

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RS06FGY-PR



3	2	1
6	5	4

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

Connector No.	B96
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS8



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

Terminal No.	4
Color of Wire	L
Signal Name [Specification]	-
Terminal No.	6
Color of Wire	L
Signal Name [Specification]	-
Terminal No.	9
Color of Wire	L
Signal Name [Specification]	-

Connector No.	B111
Connector Name	WIRE TO WIRE
Connector Type	RH12FB



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

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

JCMWM1724G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	B216
Connector Name	WIRE TO WIRE
Connector Type	NS16MBR-CS



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

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

Connector No.	B218
Connector Name	WIRE TO WIRE
Connector Type	NS10MBH-CS



1	2	3	4		
5	6	7	8	9	10

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

Connector No.	B237
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

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

Connector No.	B254
Connector Name	NAVI CONTROL UNIT
Connector Type	TH18FW-NH



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

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

Connector No.	B443
Connector Name	REAR SUNSHADE SWITCH (REAR)
Connector Type	TK06FW-1V



5	4
3	1

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

Connector No.	B471
Connector Name	REAR CONTROL SWITCH
Connector Type	TH04FW



1	2	3	4
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Terminal No.	2
Color of Wire	LG
Signal Name [Specification]	-

Connector No.	B486
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



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

Terminal No.	4
Color of Wire	R/B
Signal Name [Specification]	-
Terminal No.	6
Color of Wire	L/G
Signal Name [Specification]	-
Terminal No.	9
Color of Wire	P
Signal Name [Specification]	-

Connector No.	B494
Connector Name	REAR HEATED SEAT SWITCH LH
Connector Type	TK10FW



7	2	5		
4	1	8	3	6

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

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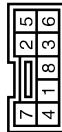
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	B495
Connector Name	REAR VENTILATION SEAT SWITCH LH
Connector Type	TK08FW



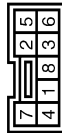
Terminal No.	7
Color of Wire	P
Signal Name [Specification]	-

Connector No.	B505
Connector Name	REAR HEATED SEAT SWITCH RH
Connector Type	TK10FW



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

Connector No.	B506
Connector Name	REAR VENTILATION SEAT SWITCH RH
Connector Type	TK08FW



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

Connector No.	C2
Connector Name	WIRE TO WIRE
Connector Type	RH12MB



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

Connector No.	C8
Connector Name	AUTO LEVELIZER CONTROL UNIT
Connector Type	AEX08FB



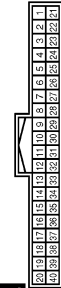
Terminal No.	6
Color of Wire	R/L
Signal Name [Specification]	-

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK10FW



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

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH0JFW-NH



Terminal No.	18
Color of Wire	B
Signal Name [Specification]	-

Connector No.	D47
Connector Name	MOOD LAMP FRONT DOOR GRIP (PASSENGER SIDE)
Connector Type	TK02FGY



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

JCMW1726G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	D81
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



4	3	2	1
10	9	8	7
6	5		

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

Connector No.	D88
Connector Name	MOOD LAMP REAR DOOR GRIP (LH)
Connector Type	TK02FGY



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

Connector No.	D108
Connector Name	MOOD LAMP REAR DOOR GRIP (RH)
Connector Type	TK02FGY



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

Connector No.	D111
Connector Name	WIRE TO WIRE
Connector Type	NS18FW-CS



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

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

Connector No.	D155
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



4	3	2	1
10	9	8	7
6	5		

Connector No.	E10
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



9	10	11	12	13	14	25	26	27	28	29	30	31	32	33	34	37	38
3	4	5	6	7	8	15	16	17	18	19	20	21	22	23	24	35	36

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



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

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



4	3	2	1
10	9	8	7
6	5		

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

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

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

Terminal No.	8B
Color of Wire	R/W
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.	M5
Connector Name	VDC OFF SWITCH
Connector Type	TK06GY



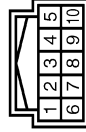
Connector No.	M6
Connector Name	HEADLAMP AIMING SWITCH
Connector Type	A04FW



Connector No.	M15
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW



Connector No.	M16
Connector Name	A/C DISPLAY
Connector Type	TH10FB-NH



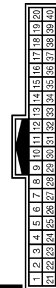
Terminal No.	3
Color of Wire	R/W
Signal Name [Specification]	-

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

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

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

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Connector No.	M25
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TK04FW



Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-IV



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

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

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

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

JCMWM1728G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	M45
Connector Name	HAZARD SWITCH
Connector Type	TK04FW



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

Connector No.	M46
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CS2



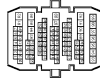
Terminal No.	9
Color of Wire	R/L
Signal Name [Specification]	ILL

Connector No.	M70
Connector Name	WIRE TO WIRE
Connector Type	NS18FBR-CS



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

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS19

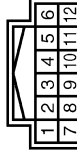


Terminal No.	23
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M85
Connector Name	CONTROL DEVICE ILLUMINATION
Connector Type	TK02FBR



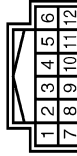
Connector No.	M89
Connector Name	A/C CONTROL
Connector Type	TH12FW-NH



Connector No.	M125
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



Connector No.	M126
Connector Name	AUDIO DISPLAY UNIT
Connector Type	TH12FW-NH



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

Terminal No.	5
Color of Wire	R/L
Signal Name [Specification]	ILL+

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

Terminal No.	10
Color of Wire	R/L
Signal Name [Specification]	ILL

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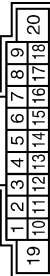
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	M127
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	9
Color of Wire	R/L
Signal Name [Specification]	ILL

Connector No.	M154
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

Connector No.	M155
Connector Name	WIRE TO WIRE
Connector Type	TH24W-WH



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

Connector No.	M202
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE) (WITHOUT FRONT VENTILATION SEAT)
Connector Type	NS36FW-CS



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

Connector No.	M203
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE) (WITHOUT FRONT VENTILATION SEAT)
Connector Type	NS06FBR-CS



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

Connector No.	M205
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE) (WITH FRONT VENTILATION SEAT)
Connector Type	TK10FW



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

Connector No.	M207
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE) (WITH FRONT VENTILATION SEAT)
Connector Type	TK10FW



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

Connector No.	M208
Connector Name	FRONT VENTILATION SEAT SWITCH (DRIVER SIDE)
Connector Type	TK08FW



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

JCMWM1730G

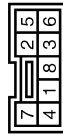
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No.53

Connector No.	M209
Connector Name	FRONT VENTILATION SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FW



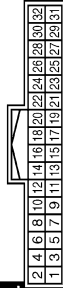
Terminal No.	7
Color of Wire	R
Signal Name [Specification]	-

Connector No.	M211
Connector Name	REAR SUNSHADE SWITCH (FRONT)
Connector Type	TK08FW-IV



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

Connector No.	M254
Connector Name	DVD PLAYER
Connector Type	TH24FW-NH



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

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH

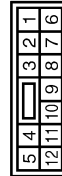


Terminal No.	9
Color of Wire	L
Signal Name [Specification]	-

Connector No.	R19
Connector Name	MAP LAMP
Connector Type	TK08FGY



Connector No.	T1
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



Connector No.	T3
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR



Connector No.	T4
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR



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

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

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

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

POWER SUPPLY ROUTING CIRCUIT

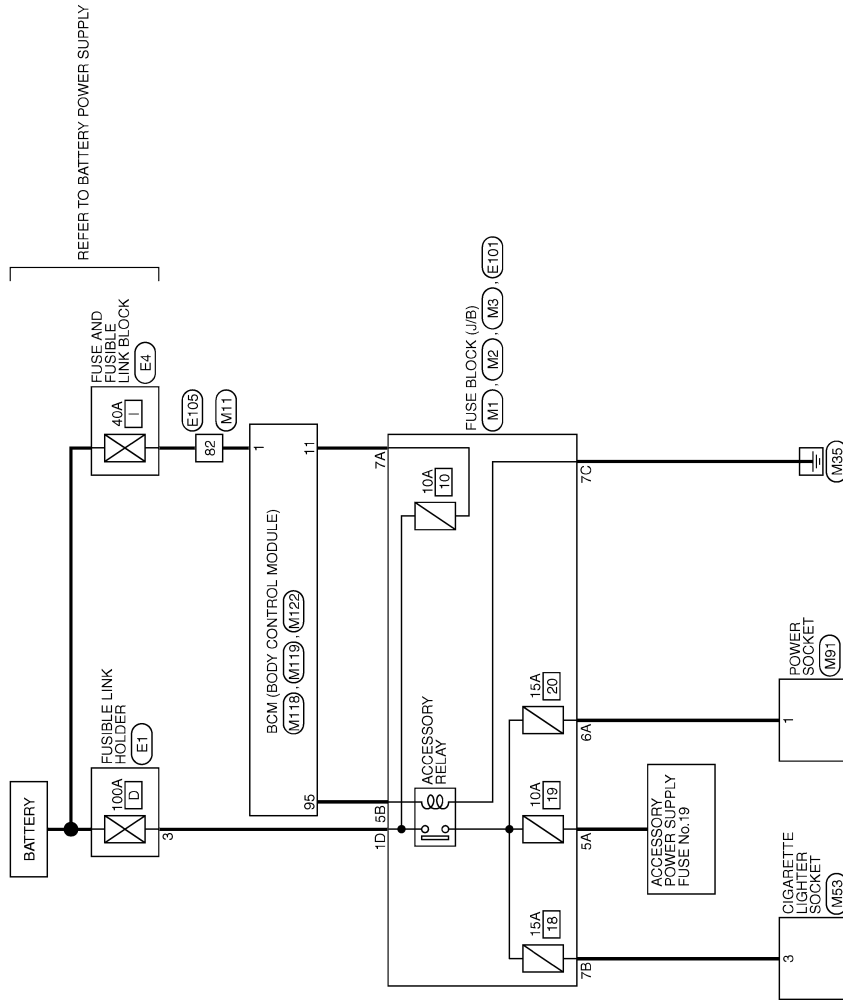
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



2008/01/23

JCMWM1732G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

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



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

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



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH10MW-CS10-M3



Terminal No.	82
Color of Wire	LG
Signal Name [Specification]	-

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



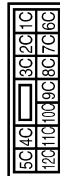
Terminal No.	5A
Color of Wire	V/O
Signal Name [Specification]	-
6A	R/W
7A	Y/R
Signal Name [Specification]	-

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



Terminal No.	5B
Color of Wire	L
Signal Name [Specification]	-
7B	G/W
Signal Name [Specification]	-

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



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

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH10FW-CS10-M3



Terminal No.	82
Color of Wire	W/B
Signal Name [Specification]	-

Connector No.	M53
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS30FW-CS



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

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	M91
Connector Name	POWER SOCKET
Connector Type	P02FE-Z



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

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



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

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



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

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



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

JCMWM1734G

POWER SUPPLY ROUTING CIRCUIT

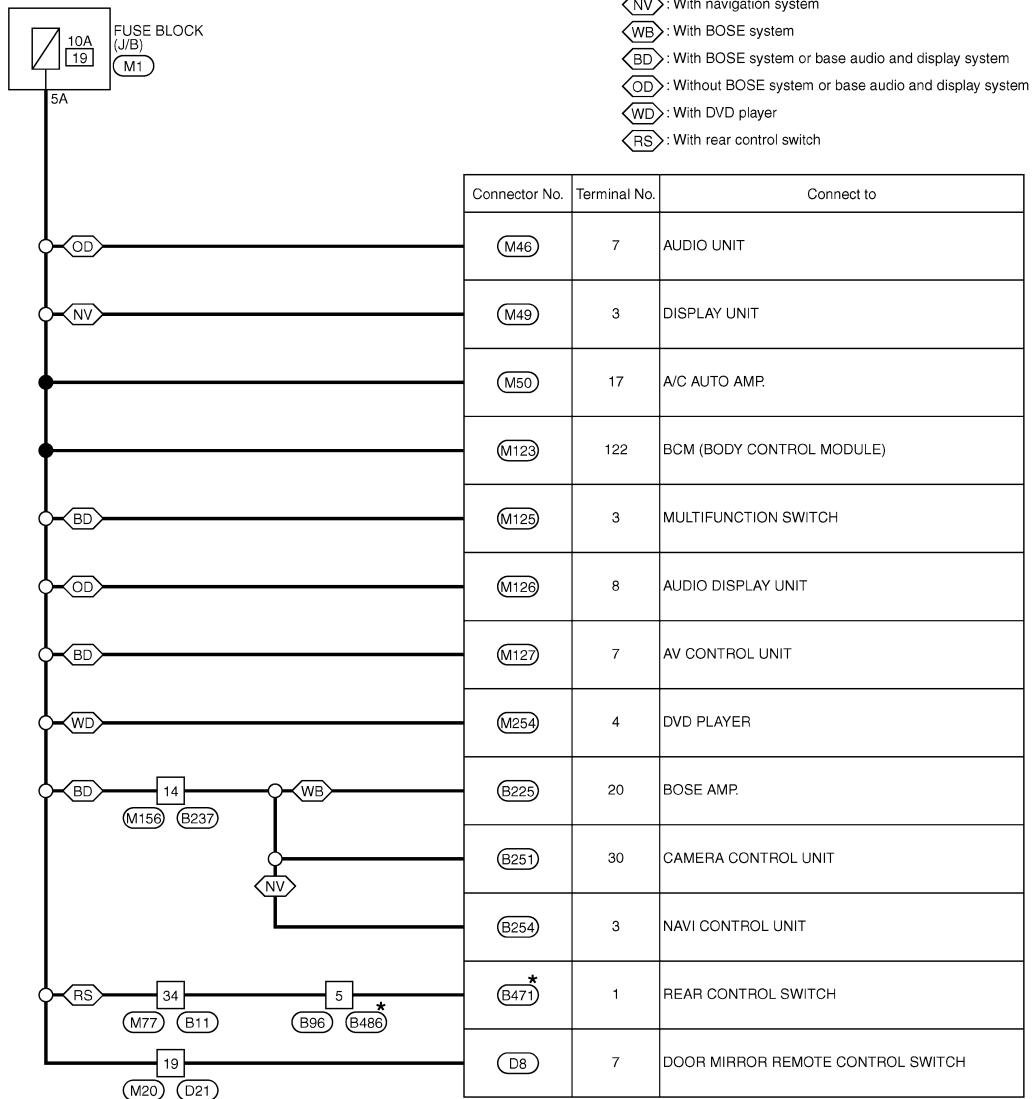
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE No.19



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

2008/01/23

JCMWM1735G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No.19

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS19



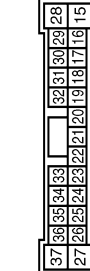
Terminal No.	34
Color of Wire	G
Signal Name [Specification]	-

Connector No.	B96
Connector Name	WIRE TO WIRE
Connector Type	TK10MF-NS3



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

Connector No.	B225
Connector Name	BOSE AMP.
Connector Type	SCA15FBR-SG44



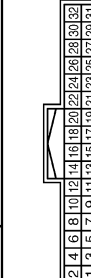
Terminal No.	20
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	B237
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



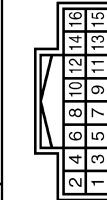
Terminal No.	14
Color of Wire	V
Signal Name [Specification]	-

Connector No.	B251
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH82FW-NH



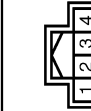
Terminal No.	30
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	B254
Connector Name	NAVI CONTROL UNIT
Connector Type	TH16FW-NH



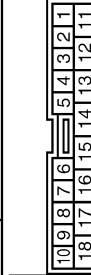
Terminal No.	3
Color of Wire	V
Signal Name [Specification]	ACC

Connector No.	B471
Connector Name	REAR CONTROL SWITCH
Connector Type	TH4FW



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

Connector No.	B468
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



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

JCMWM1736G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No.19

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK18FW



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

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

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH4QFW-NH



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

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



3A		2A	1A		
8A		7A	6A	5A	4A

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

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH4QMF-NH



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

Connector No.	M46
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CS2



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

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

Connector No.	M49
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



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

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB4QFW



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

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH8QFW-CS19



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

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

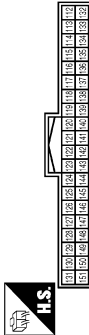
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

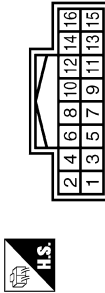
ACCESSORY POWER SUPPLY FUSE No.19

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



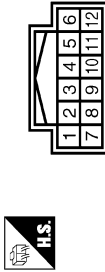
Terminal No.	122
Color of Wire	V/R
Signal Name [Specification]	ACC F/B

Connector No.	M125
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH16FW-NH



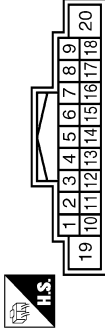
Terminal No.	3
Color of Wire	V/R
Signal Name [Specification]	ACC

Connector No.	M125
Connector Name	AUDIO DISPLAY UNIT
Connector Type	TH12FW-NH



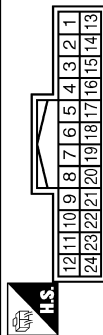
Terminal No.	8
Color of Wire	V/Y
Signal Name [Specification]	ACC

Connector No.	M127
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



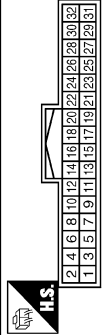
Terminal No.	7
Color of Wire	V/W
Signal Name [Specification]	ACC

Connector No.	M156
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	14
Color of Wire	V
Signal Name [Specification]	-

Connector No.	M254
Connector Name	DVD PLAYER
Connector Type	TH32FW-NH



Terminal No.	4
Color of Wire	V/W
Signal Name [Specification]	ACC

JCMWM1738G

[POWER SUPPLY&GROUND CIRCUIT]

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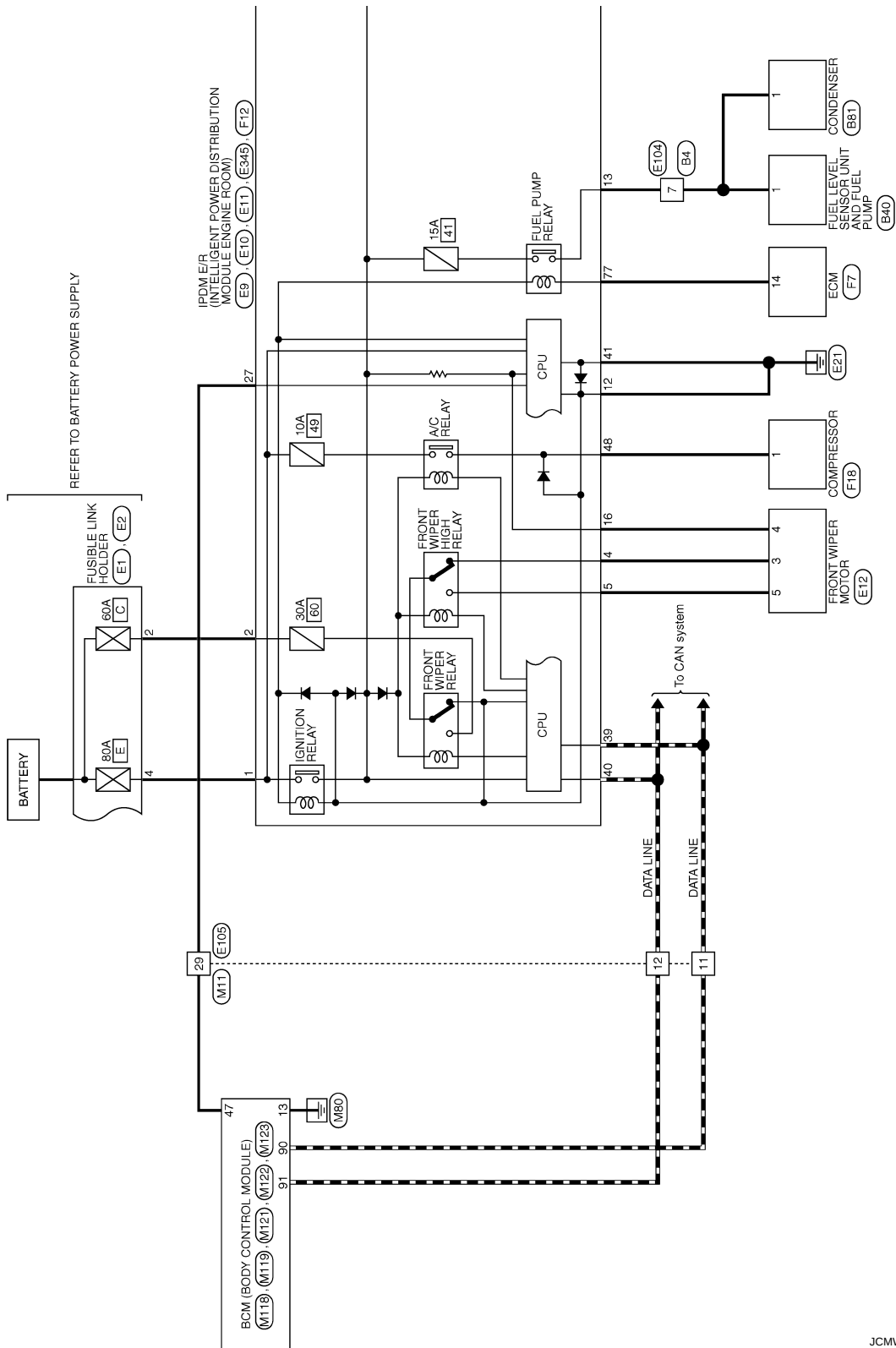


JCMWM1739G|

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



JCMWM1740G

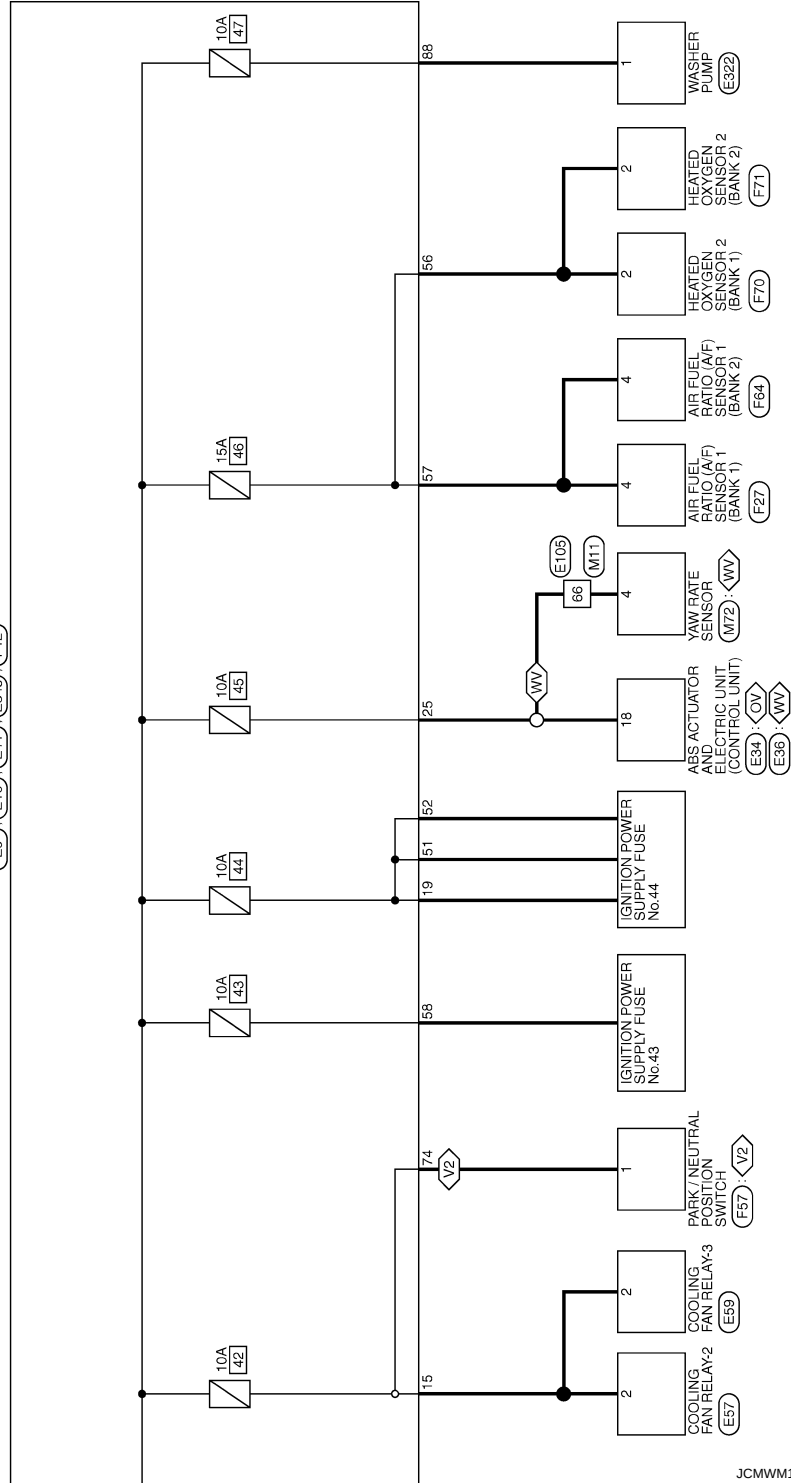
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

V2 : With VQ25 engine
 WV : With VDC
 OV : Without VDC

IPDM E/R
 (INTELLIGENT POWER DISTRIBUTION
 MODULE ENGINE ROOM)
 (E9) (E10) (E11) (E345) (F12)



JCMWM1741G1

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

PG

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

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



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

Connector No.	B40
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP
Connector Type	E06FGY-RS



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

Connector No.	B81
Connector Name	CONDENSER
Connector Type	MD2FW-LC



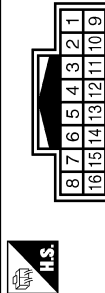
Terminal No.	1
Color of Wire	W
Signal Name [Specification]	-

Connector No.	B125
Connector Name	CONDENSER
Connector Type	MD1FW-LC



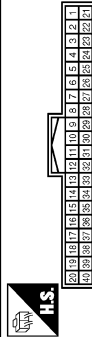
Terminal No.	1
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH16MW-NH



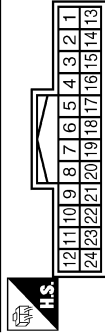
Terminal No.	3
Color of Wire	O
Signal Name [Specification]	-

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



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

Connector No.	D41
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

JCMWM1742G

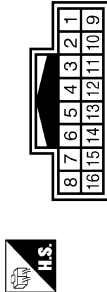
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	D43
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH16MW-NH



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

Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FY-MC



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

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	L02FBR-MC-B



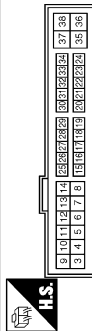
Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-

Connector No.	E3
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	L02FB-MC



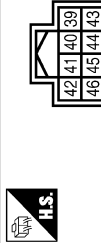
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	L	-

Connector No.	E10
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	LG	-
5	Y	-
12	B/W	-
13	SB	-
15	W	-
16	R	-
19	Y	-
25	GR	-
27	W	-

Connector No.	E11
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-NH



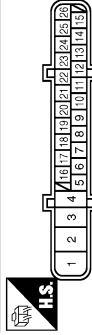
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B	-

Connector No.	E12
Connector Name	FRONT WIPER MOTOR
Connector Type	HS09FGY



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	R	-
5	Y	-

Connector No.	E24
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) (WITHOUT VDC)
Connector Type	BAA2FB-AH24-RH



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

JCMWM1743G1

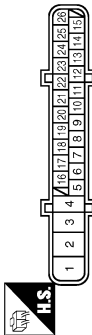
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E38
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) (WITH VDC)
Connector Type	BA22FE-AH24-RH



Terminal No.	18
Color of Wire	GR
Signal Name [Specification]	DS RL

Connector No.	E57
Connector Name	COOLING FAN RELAY-2
Connector Type	M06FER-R-LC



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

Connector No.	E59
Connector Name	COOLING FAN RELAY-3
Connector Type	M06FER-R-LC



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

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



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

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



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

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



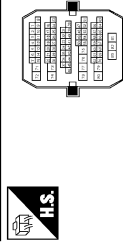
Terminal No.	4F, 6F
Color of Wire	BR, Y
Signal Name [Specification]	-

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CSD-M3



Terminal No.	11, 12, 20, 29, 66, 82
Color of Wire	P, L, Y, W, GR, LG
Signal Name [Specification]	-

JCMWM1744G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

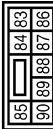
IGNITION POWER SUPPLY

Connector No.	E322
Connector Name	WASHER PUMP
Connector Type	HS02FB-4V



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

Connector No.	E345
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS06FW-CS



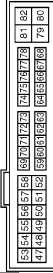
Terminal No.	88
Color of Wire	P
Signal Name [Specification]	-

Connector No.	F7
Connector Name	ECM
Connector Type	PR24GY-RZ8-R-LH



Terminal No.	14
Color of Wire	GR
Signal Name [Specification]	FPR

Connector No.	F12
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TF20FW-CS12-M4



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

Connector No.	F18
Connector Name	COMPRESSOR
Connector Type	RH02FB



Connector No.	F27
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AF204FB



Connector No.	F57
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	YD006FB-HS4



Connector No.	F64
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AF204FB



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

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

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

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F70
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AF204FB-P



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

Connector No.	F71
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AF204FB-P



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

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



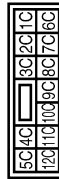
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G/O	-
3A	W/L	-
7A	Y/R	-
8A	W/L	-

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



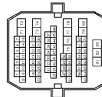
Terminal No.	Color of Wire	Signal Name [Specification]
4B	G/R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
6C	R/B	-
7C	B/P	-
8C	G/R	-
9C	GR	-
10C	L/Y	-
11C	R/L	-
12C	O	-

Connector No.	M11
Connector Name	WIPE TO WIPE
Connector Type	TH70FW-CS10-M3



Terminal No.	Color of Wire	Signal Name [Specification]
11	P	-
12	L	-
20	Y	-
29	BR/W	-
66	GR	-
82	W/B	-

Connector No.	M18
Connector Name	WIPE TO WIPE
Connector Type	TH24MW-NH



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

Connector No.	M20
Connector Name	WIPE TO WIPE
Connector Type	TH40MW-NH



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

JCMWM1746G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

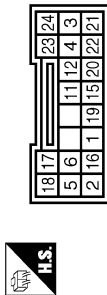
IGNITION POWER SUPPLY

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



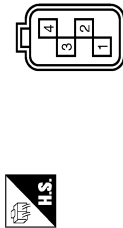
Terminal No.	Color of Wire	Signal Name [Specification]
26	GR	REAR WINDOW DEFOGGER FEEDBACK SIGNAL

Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK20FY-EX-SC



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

Connector No.	M72
Connector Name	YAW RATE SENSOR
Connector Type	AAJ204FB



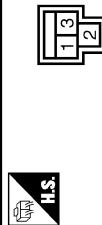
Terminal No.	Color of Wire	Signal Name [Specification]
4	GR	-

Connector No.	M88
Connector Name	BLOWER MOTOR
Connector Type	NS30FW-M3

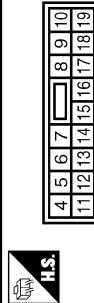


Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	-

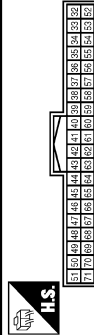
Connector No.	M18
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LG



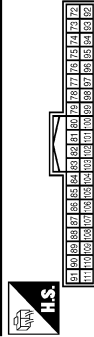
Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS18FW-CS



Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FGY-NH



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



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

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

Terminal No.	Color of Wire	Signal Name [Specification]
47	BR/W	IGN RELAY IPDM E/R CONT

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-1H1



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	151
Color of Wire	G/R
Signal Name [Specification]	REAR WINDOW DEFOGGER RELAY

Connector No.	M202
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE) (WITHOUT FRONT VENTILATION SEAT)
Connector Type	NS06FW-CS



5	6
4	2
1	3

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

Connector No.	M203
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE) (WITHOUT FRONT VENTILATION SEAT)
Connector Type	NS06BR-CS



5	6
4	2
1	3

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

JCMWWM1748G

POWER SUPPLY ROUTING CIRCUIT

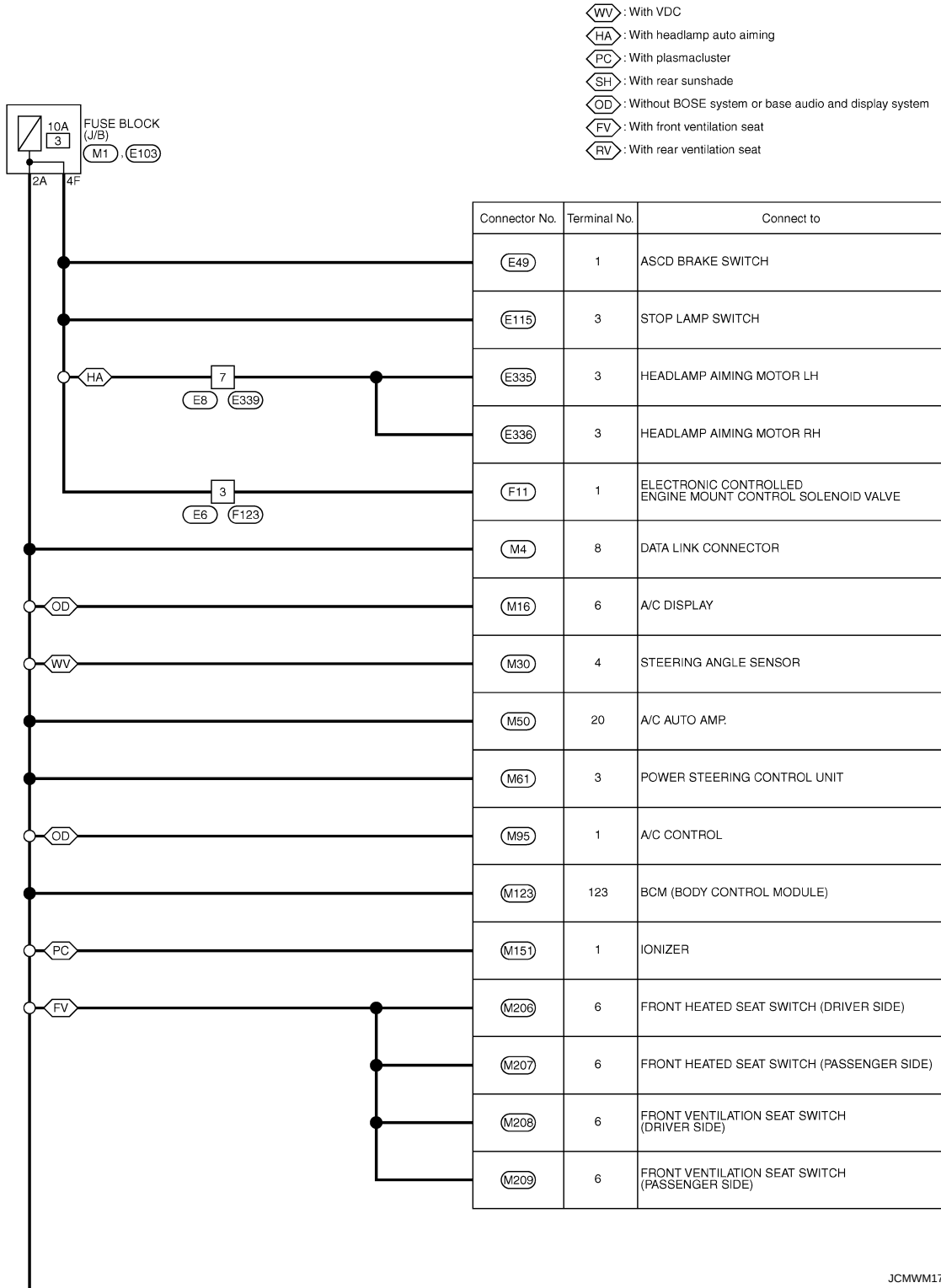
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000003792663

IGNITION POWER SUPPLY FUSE No.3

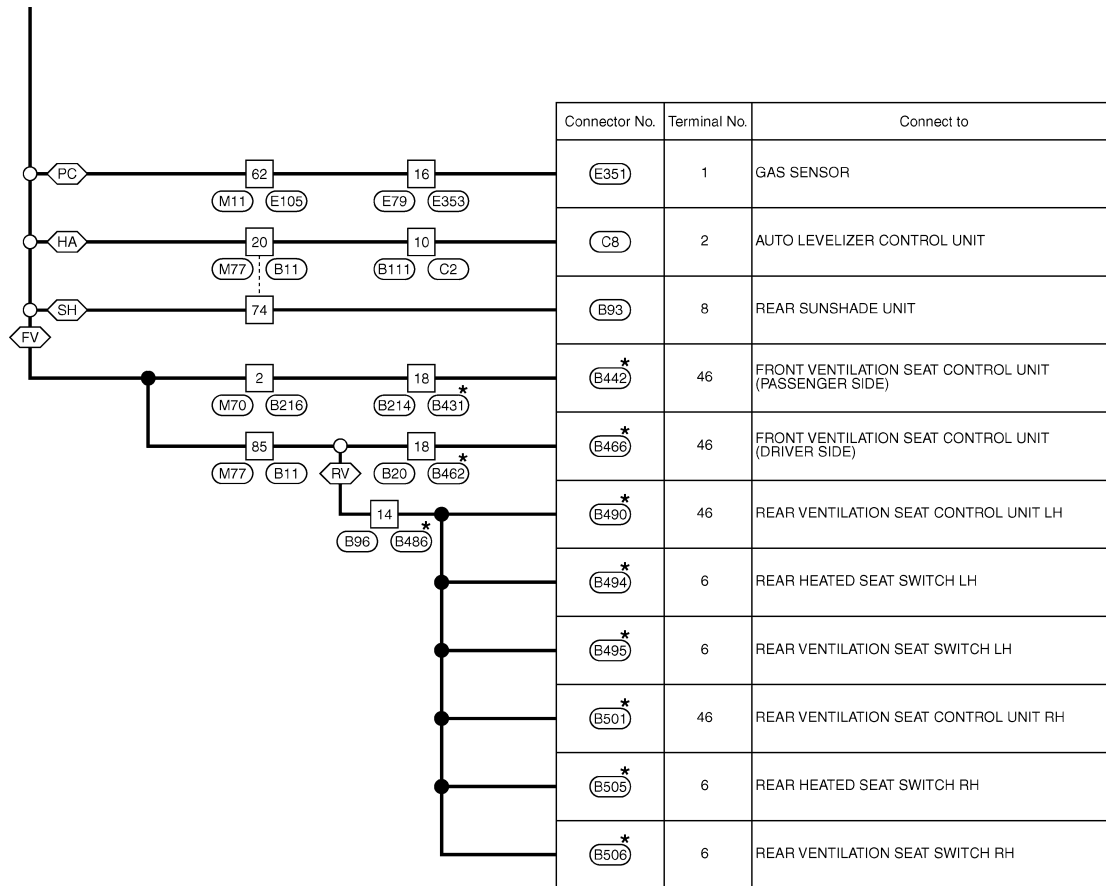


JCMWM1749G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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

2008/06/20

JCMWA2764GB

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.3

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS19



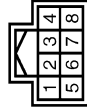
Terminal No.	Color of Wire	Signal Name [Specification]
20	G	-
74	G	-
85	SB	-[With front ventilation seat]

Connector No.	B20
Connector Name	WIRE TO WIRE
Connector Type	TK10PW-NSS



Terminal No.	Color of Wire	Signal Name [Specification]
18	SB	-[With front ventilation seat]

Connector No.	B93
Connector Name	REAR SUNSHADE UNIT
Connector Type	TH85FW-NH



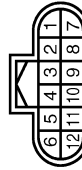
Terminal No.	Color of Wire	Signal Name [Specification]
8	SB	IGN SW

Connector No.	B96
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NSS



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

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	RH12FB



Connector No.	B214
Connector Name	WIRE TO WIRE
Connector Type	TK10PW-NSS



Connector No.	B216
Connector Name	WIRE TO WIRE
Connector Type	NS16MBR-CS



Connector No.	B431
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NSS



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

Terminal No.	Color of Wire	Signal Name [Specification]
18	G	-[With front ventilation seat]

Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-[With front ventilation seat]

Terminal No.	Color of Wire	Signal Name [Specification]
18	B/W	-[With front ventilation seat]

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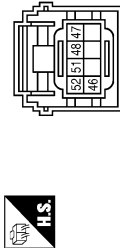
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

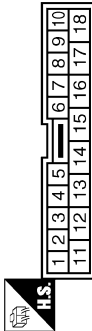
[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.3

Connector No.	B442
Connector Name	FRONT VENTILATION SEAT CONTROL UNIT (PASSENGER SIDE)
Connector Type	DELPHI 15406141



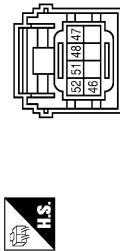
Connector No.	B462
Connector Name	WIRE TO WIRE
Connector Type	TK10MF-NS2



Terminal No.	46
Color of Wire	B/W
Signal Name [Specification]	IGNITION RUN

Terminal No.	18
Color of Wire	B/W
Signal Name [Specification]	—[Wish front ventilation seat]

Connector No.	B466
Connector Name	FRONT VENTILATION SEAT CONTROL UNIT (DRIVER SIDE)
Connector Type	DELPHI 15406141



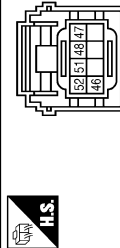
Terminal No.	46
Color of Wire	B/W
Signal Name [Specification]	IGNITION RUN

Connector No.	B468
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



Terminal No.	14
Color of Wire	R/W
Signal Name [Specification]	—

Connector No.	B490
Connector Name	REAR VENTILATION SEAT CONTROL UNIT LH
Connector Type	DELPHI 15406141



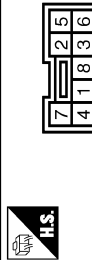
Terminal No.	46
Color of Wire	R/W
Signal Name [Specification]	IGNITION RUN

Connector No.	B494
Connector Name	REAR HEATED SEAT SWITCH LH
Connector Type	TK10FW



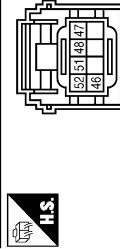
Terminal No.	6
Color of Wire	R/W
Signal Name [Specification]	—

Connector No.	B495
Connector Name	REAR VENTILATION SEAT SWITCH LH
Connector Type	TK08FW



Terminal No.	6
Color of Wire	R/W
Signal Name [Specification]	—

Connector No.	B501
Connector Name	REAR VENTILATION SEAT CONTROL UNIT RH
Connector Type	DELPHI 15406141



Terminal No.	46
Color of Wire	R/W
Signal Name [Specification]	IGNITION RUN

JCMWM1752G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

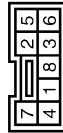
IGNITION POWER SUPPLY FUSE No.3

Connector No.	B505
Connector Name	REAR HEATED SEAT SWITCH RH
Connector Type	TK0PW



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

Connector No.	B506
Connector Name	REAR VENTILATION SEAT SWITCH RH
Connector Type	TK0PW



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

Connector No.	C2
Connector Name	WIRE TO WIRE
Connector Type	RH2MB



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

Connector No.	C8
Connector Name	AUTO LEVELIZER CONTROL UNIT
Connector Type	AE208FB



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

Connector No.	EB
Connector Name	WIRE TO WIRE
Connector Type	TK16MGY-IV



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

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	NS12MBR-CS



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

Connector No.	E49
Connector Name	ASCD BRAKE SWITCH
Connector Type	MD2FER-LC



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

Connector No.	ET9
Connector Name	WIRE TO WIRE
Connector Type	TK20MW



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

JCMWM1753GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.3

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	HS16FW-CS



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CS/D-M3



Terminal No.	62
Color of Wire	BR
Signal Name [Specification]	-

Connector No.	E115
Connector Name	STOP LAMP SWITCH
Connector Type	MD4FW-LC



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

Connector No.	E335
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



Terminal No.	3
Color of Wire	BR
Signal Name [Specification]	-[With headlamp auto aiming]

Connector No.	E336
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS03FGY



Connector No.	E339
Connector Name	WIRE TO WIRE
Connector Type	NS12FBR-CS



Connector No.	E351
Connector Name	GAS SENSOR
Connector Type	RH03FB



Connector No.	E353
Connector Name	WIRE TO WIRE
Connector Type	TK20FW



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

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

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

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

JCMWM1754G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.3

Connector No.	E11
Connector Name	ELECTRONIC CONTROLLED ENGINE MOUNT CONTROL SOLENOID VALVE
Connector Type	ECUPER-RS



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

Connector No.	F123
Connector Name	WIRE TO WIRE
Connector Type	TK18FY-1V



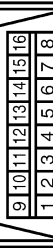
Terminal No.	3
Color of Wire	G/R
Signal Name [Specification]	-

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



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

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



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

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



Terminal No.	62
Color of Wire	G
Signal Name [Specification]	-

Connector No.	M16
Connector Name	A/C DISPLAY
Connector Type	TH10FB-NH



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

Connector No.	M30
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08FW-NH



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

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



Terminal No.	20
Color of Wire	G/W
Signal Name [Specification]	IGN POWER SUPPLY

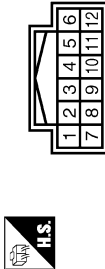
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

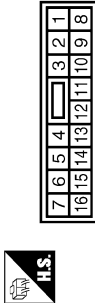
IGNITION POWER SUPPLY FUSE No.3

Connector No.	M61
Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH12FW-NH



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

Connector No.	M70
Connector Name	WIRE TO WIRE
Connector Type	NSI(FEER-CS



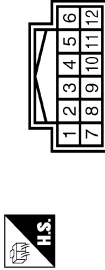
Terminal No.	2
Color of Wire	G
Signal Name [Specification]	—[With front ventilation seat]

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH6FW-CS19



Terminal No.	20
Color of Wire	G
Signal Name [Specification]	—
Terminal No.	74
Color of Wire	G
Signal Name [Specification]	—
Terminal No.	85
Color of Wire	G
Signal Name [Specification]	—[With front ventilation seat]

Connector No.	M85
Connector Name	A/C CONTROL
Connector Type	TH12FW-NH



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

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



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

Connector No.	M151
Connector Name	IONIZER
Connector Type	TH4FW-NH



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

Connector No.	M206
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE) (WITH FRONT VENTILATION SEAT)
Connector Type	TK10FW



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

Connector No.	M207
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE) (WITH FRONT VENTILATION SEAT)
Connector Type	TK10FW



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

JCMWM1756G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.3

Connector No.	M208
Connector Name	FRONT VENTILATION SEAT SWITCH (DRIVER SIDE)
Connector Type	TK08FW



7	2	5
4	1	8
3	6	

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

Connector No.	M209
Connector Name	FRONT VENTILATION SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK09FW



7	2	5
4	1	8
3	6	

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

JCMWM1757G

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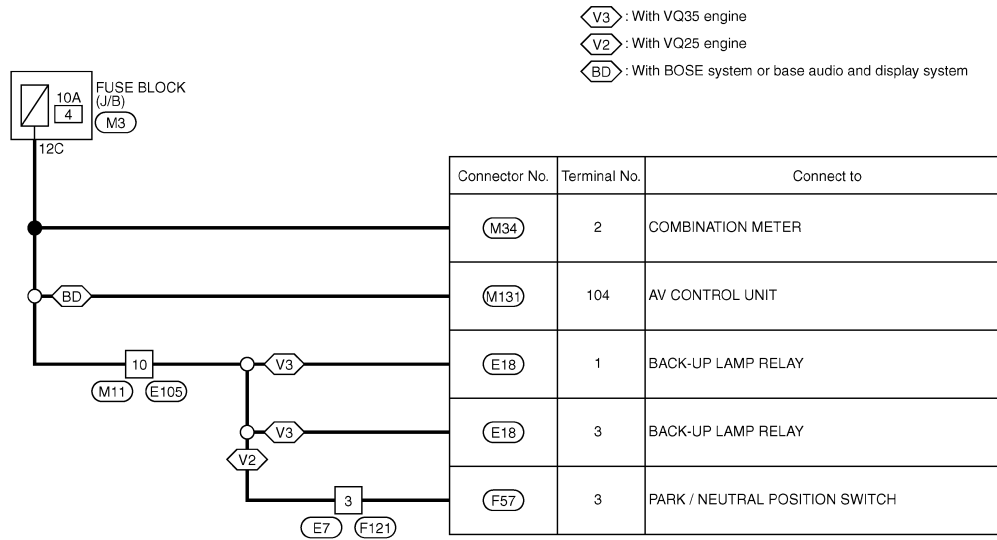
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000003792664



2008/01/23

JCMWM1758G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.4

Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



1	2	3	4
5	6	7	8
9	10		

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

Connector No.	E18
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-M2-LC



5	3
2	1

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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CS10-M3



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

Connector No.	F57
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	YDX08FB-HS4



8	4	3	7
2	6	5	1

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

Connector No.	F121
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



4	3	2	1
10	9	8	7
6	5		

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

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



5C4C	3C2C1C
12C11C10C9C8C7C6C	

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

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



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

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH

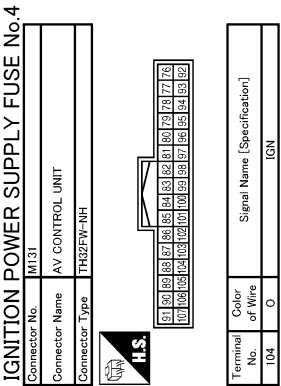


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

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

JCMWM1759GI

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JCMWM1760G

POWER SUPPLY ROUTING CIRCUIT

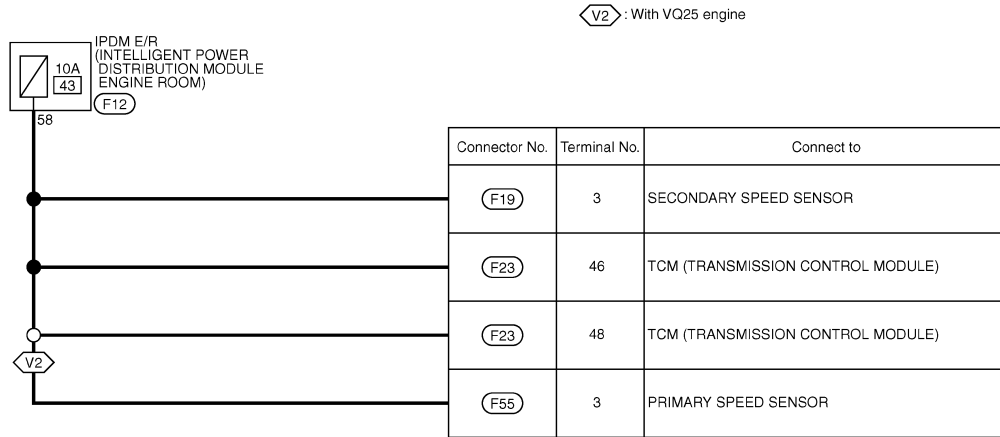
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 43 -

INFOID:000000003858721

IGNITION POWER SUPPLY FUSE No.43



2008/01/23

JCMWM1761G

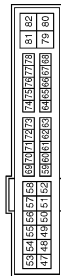
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.43

Connector No.	F12
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



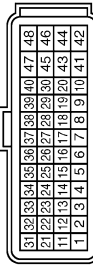
Terminal No.	58
Color of Wire	Y
Signal Name [Specification]	-

Connector No.	F19
Connector Name	SECONDARY SPEED SENSOR
Connector Type	RK03FB



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

Connector No.	F23
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	RH40FB-72B-L-RH



Terminal No.	48
Color of Wire	Y
Signal Name [Specification]	VIGN
Terminal No.	48
Color of Wire	Y
Signal Name [Specification]	VIGN

Connector No.	F55
Connector Name	PRIMARY SPEED SENSOR
Connector Type	RK03FB



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

JCMWM1762G

POWER SUPPLY ROUTING CIRCUIT

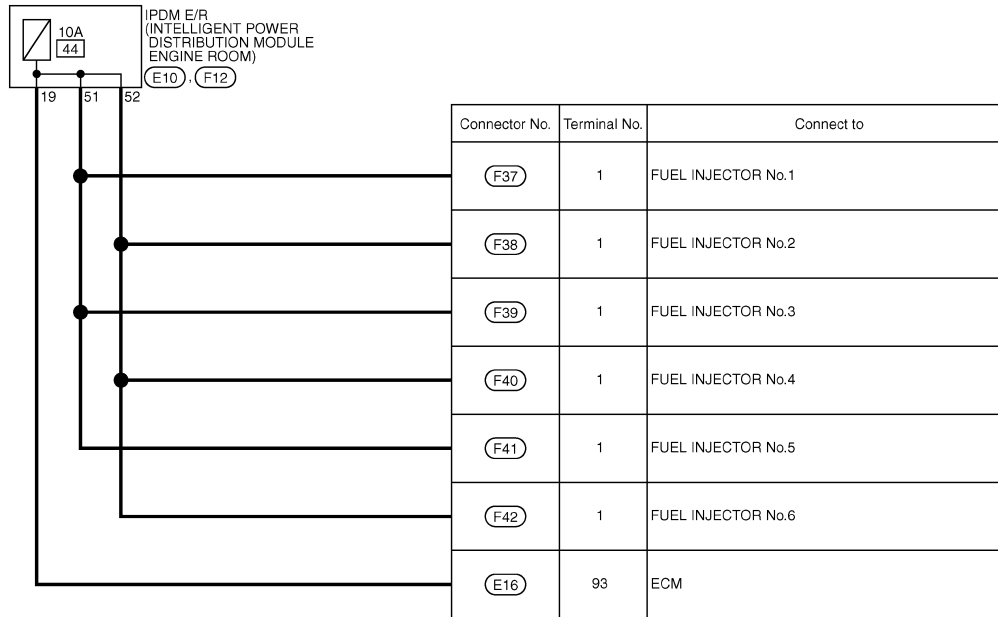
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000003792665

IGNITION POWER SUPPLY FUSE No.44



2008/01/23

JCMWM1763G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No.44

Connector No.	E10
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



9	10	11	12	13	14	25	26	27	28	29	30	31	32	33	34	37	38
3	4	5	6	7	8	15	16	17	18	19	20	21	22	23	24	35	36

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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IGNITION POWER SUPPLY FUSE No.44

Connector No.	F42
Connector Name	FUEL INJECTOR No.6
Connector Type	HS02FGY



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

JCMWM1765GI

PG

POWER SUPPLY ROUTING CIRCUIT

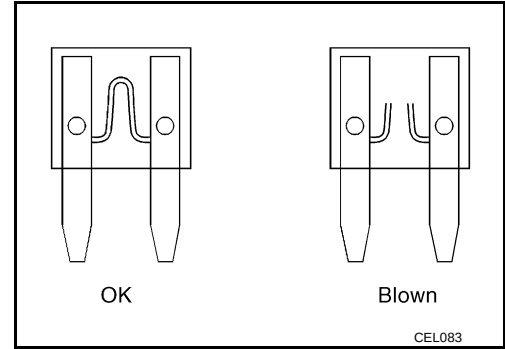
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Fuse

INFOID:000000003792666

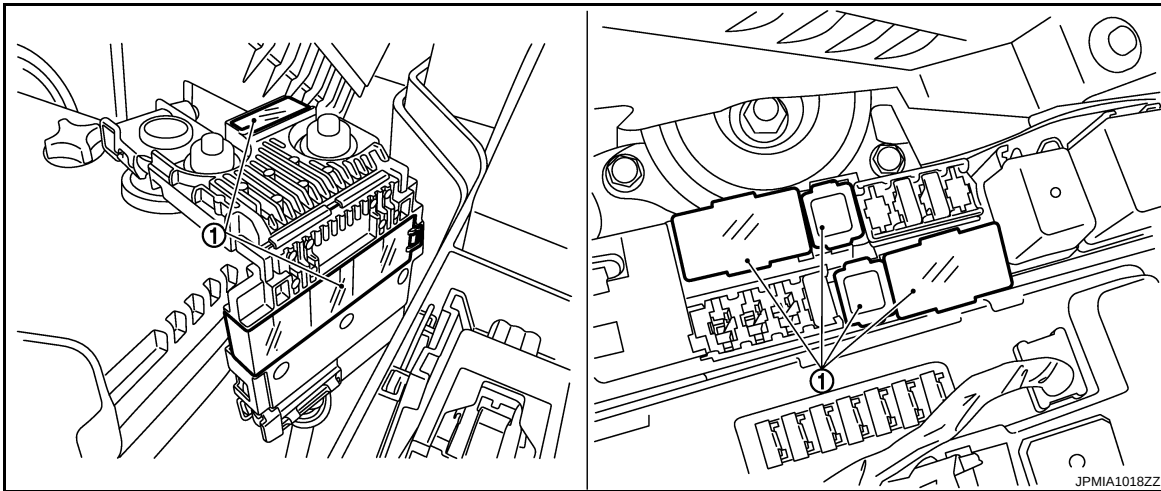
- If fuse is blown, be sure to eliminate cause of malfunction before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is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



Fusible Link

INFOID:000000003792667

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

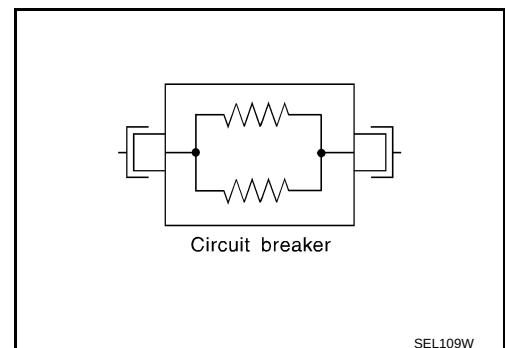
CAUTION:

- 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:000000003792668

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



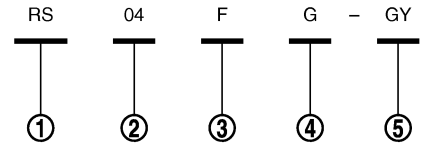
HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000003795161

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

Example:



JPMIA0113GB

CONNECTOR SYMBOL

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

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

JPMIA0114GB

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HARNESS LAYOUT

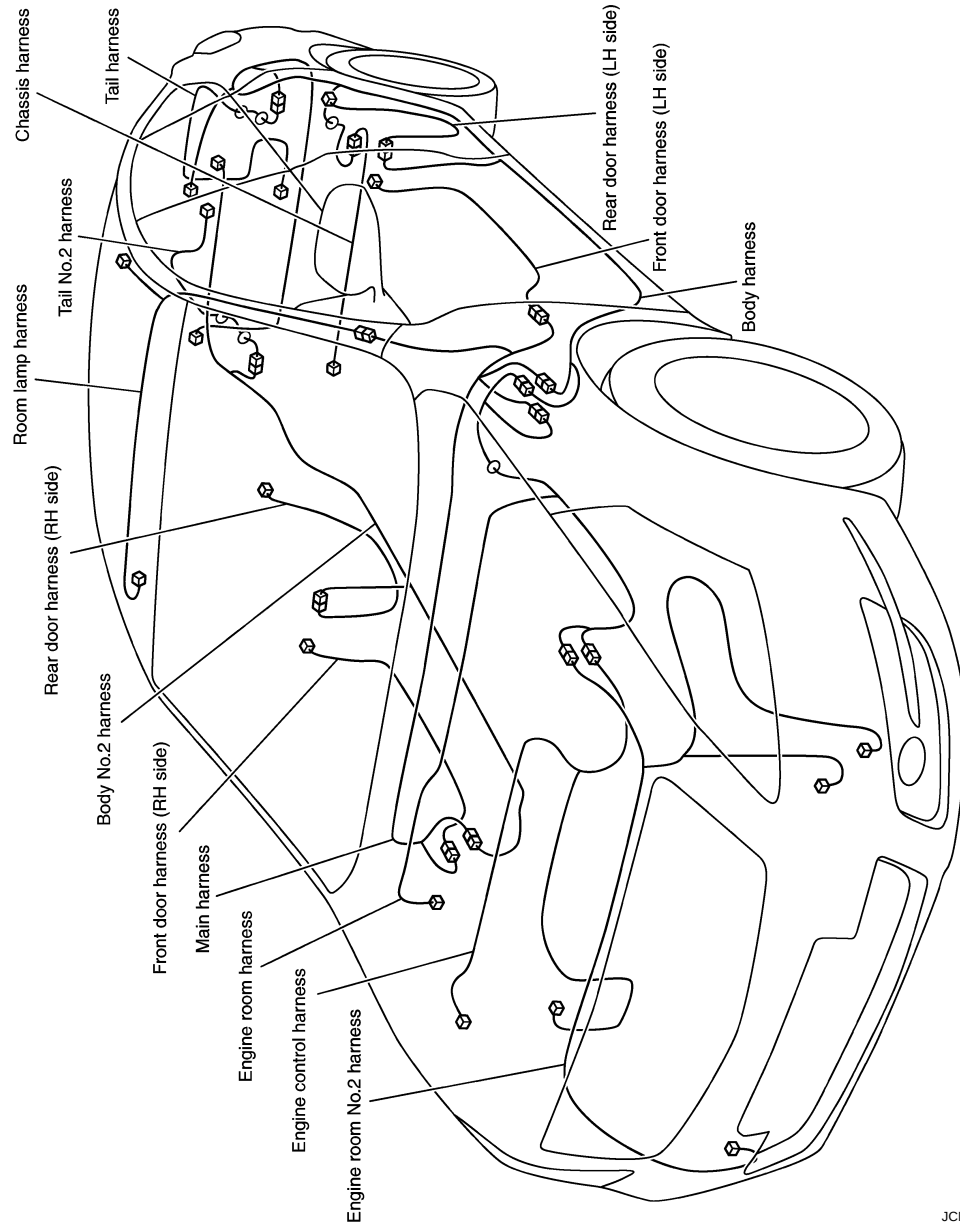
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Outline

INFOID:000000003792670

Outline



2008/01/23

JCMIM0318GB

HARNESS LAYOUT

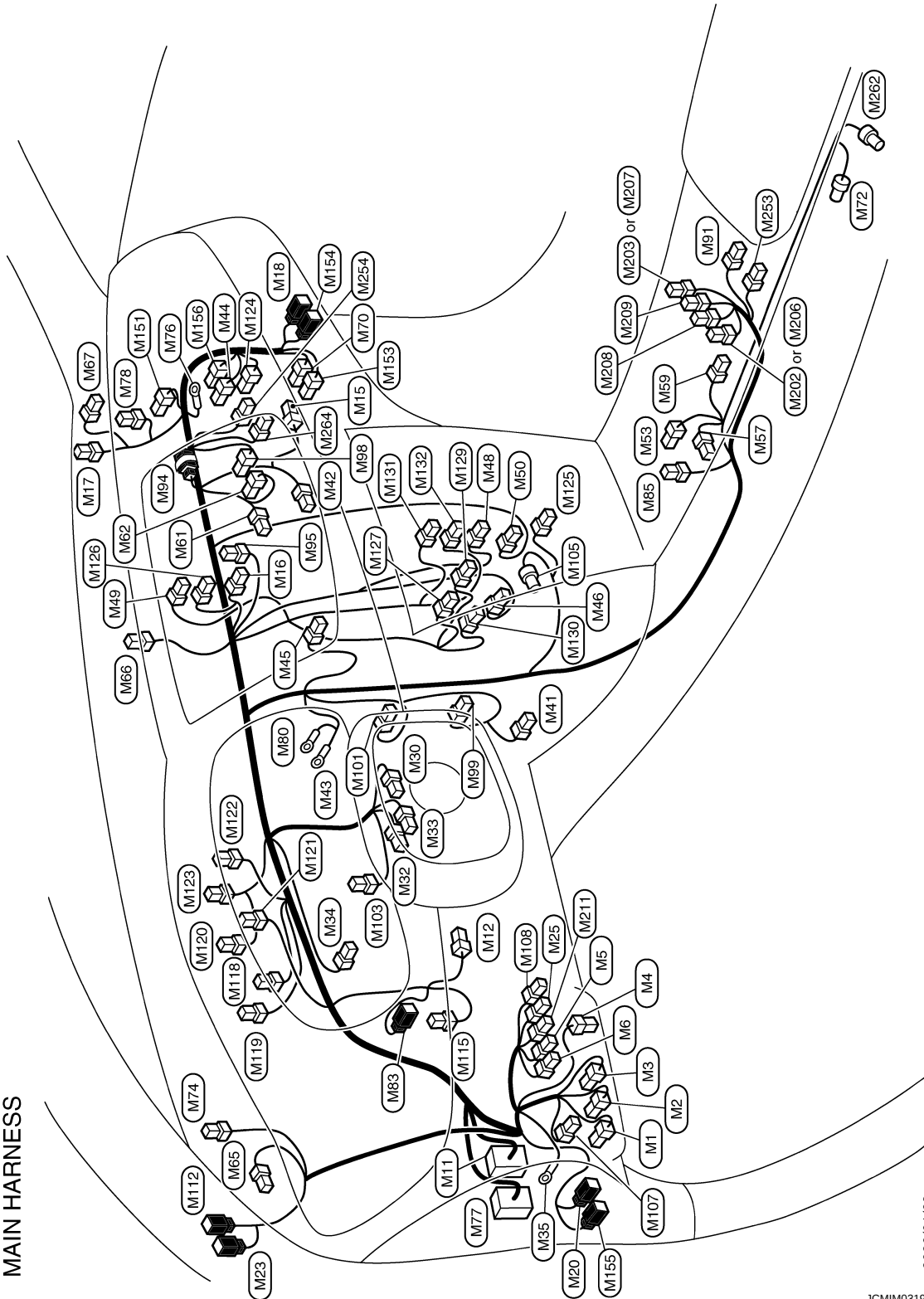
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Main Harness

INFOID:000000003792671

MAIN HARNESS



2008/01/23

JCMIM0319GB

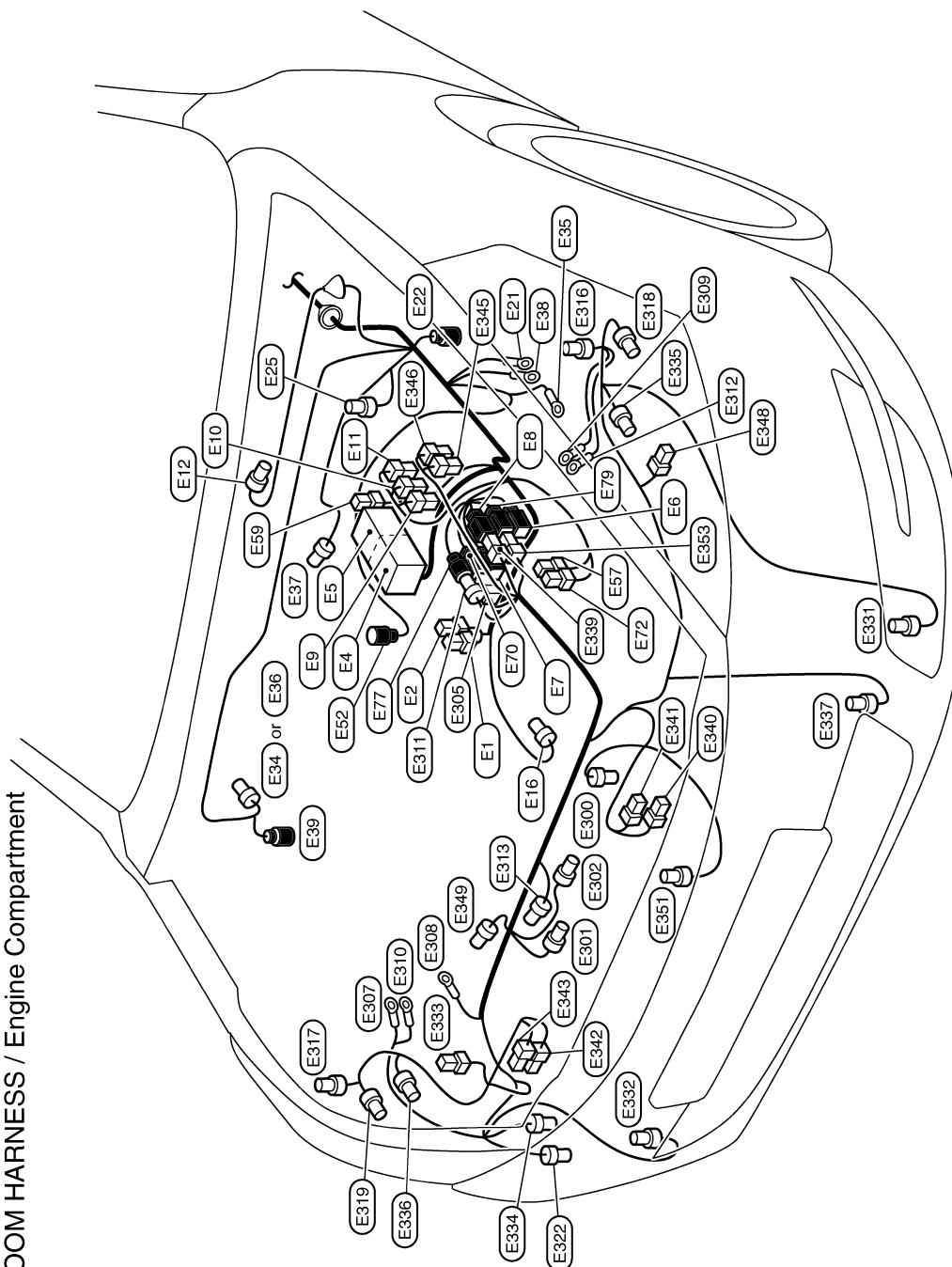
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[POWER SUPPLY&GROUND CIRCUIT]

Engine Room Harness

INFOID:0000000003792672

ENGINE ROOM HARNESS / Engine Compartment



2008/01/23

JCMIM0320GB

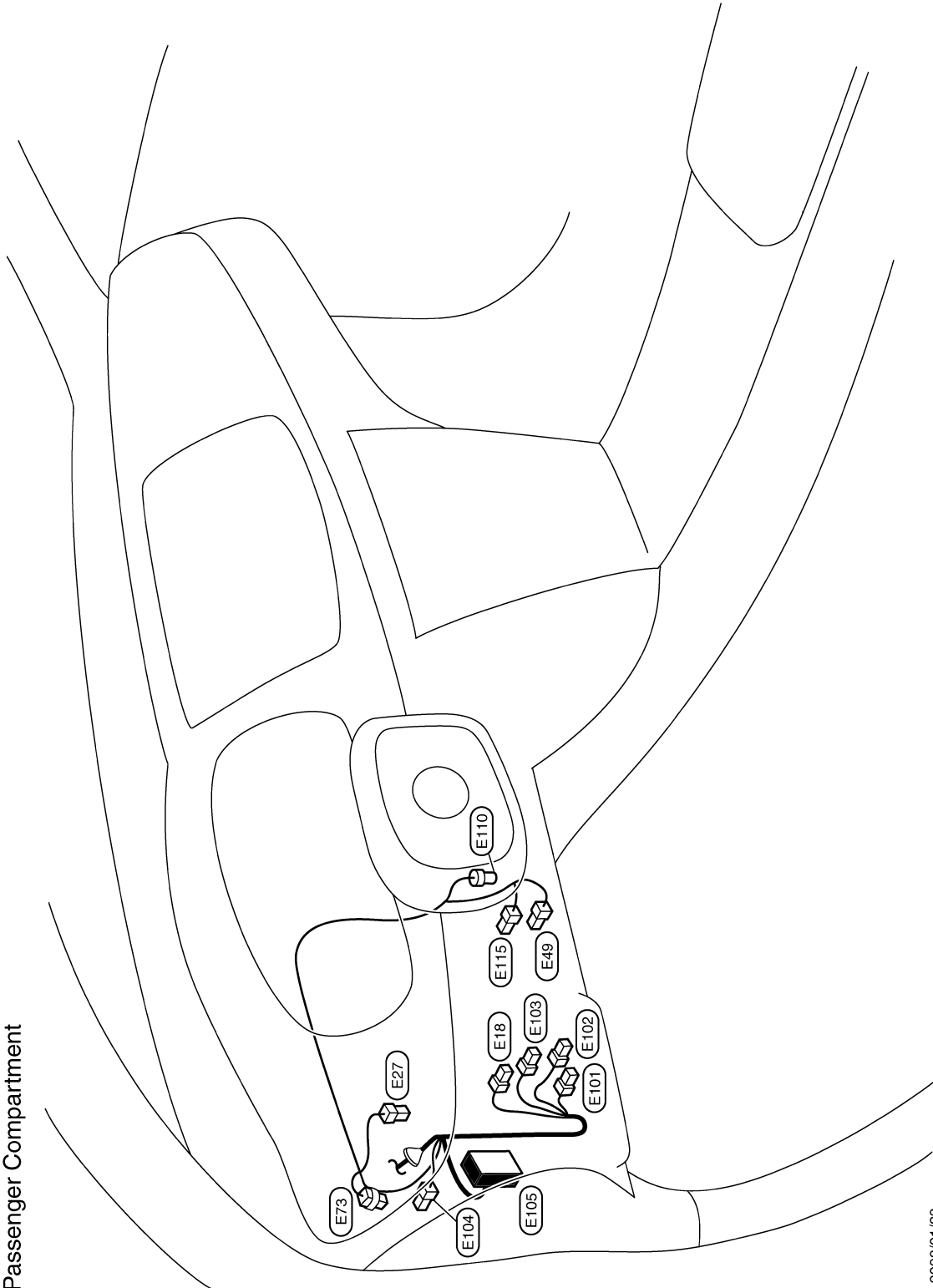
HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



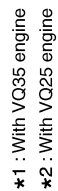
2008/01/23

JCMIM0321GB

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[POWER SUPPLY&GROUND CIRCUIT]

INFOID:0000000003792673



2008/01/23

JCMIM0322GB

[POWER SUPPLY&GROUND CIRCUIT]

INFOID:0000000003792674



BODY HARNESS

2008/01/23

JCMIM0323GB

HARNESS LAYOUT

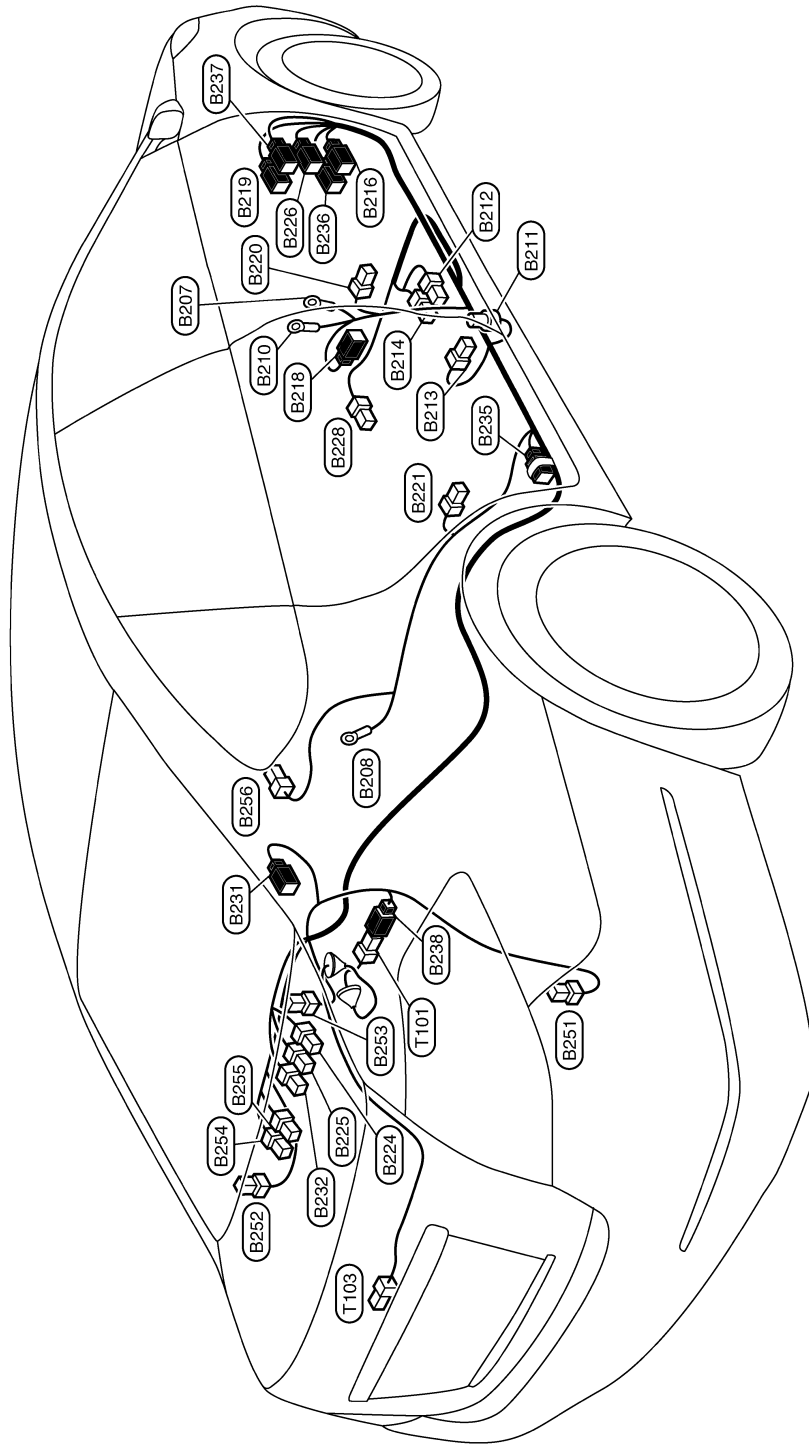
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000003792675

BODY No.2 HARNESS



2008/01/23

JCMIM0324GB

HARNESS LAYOUT

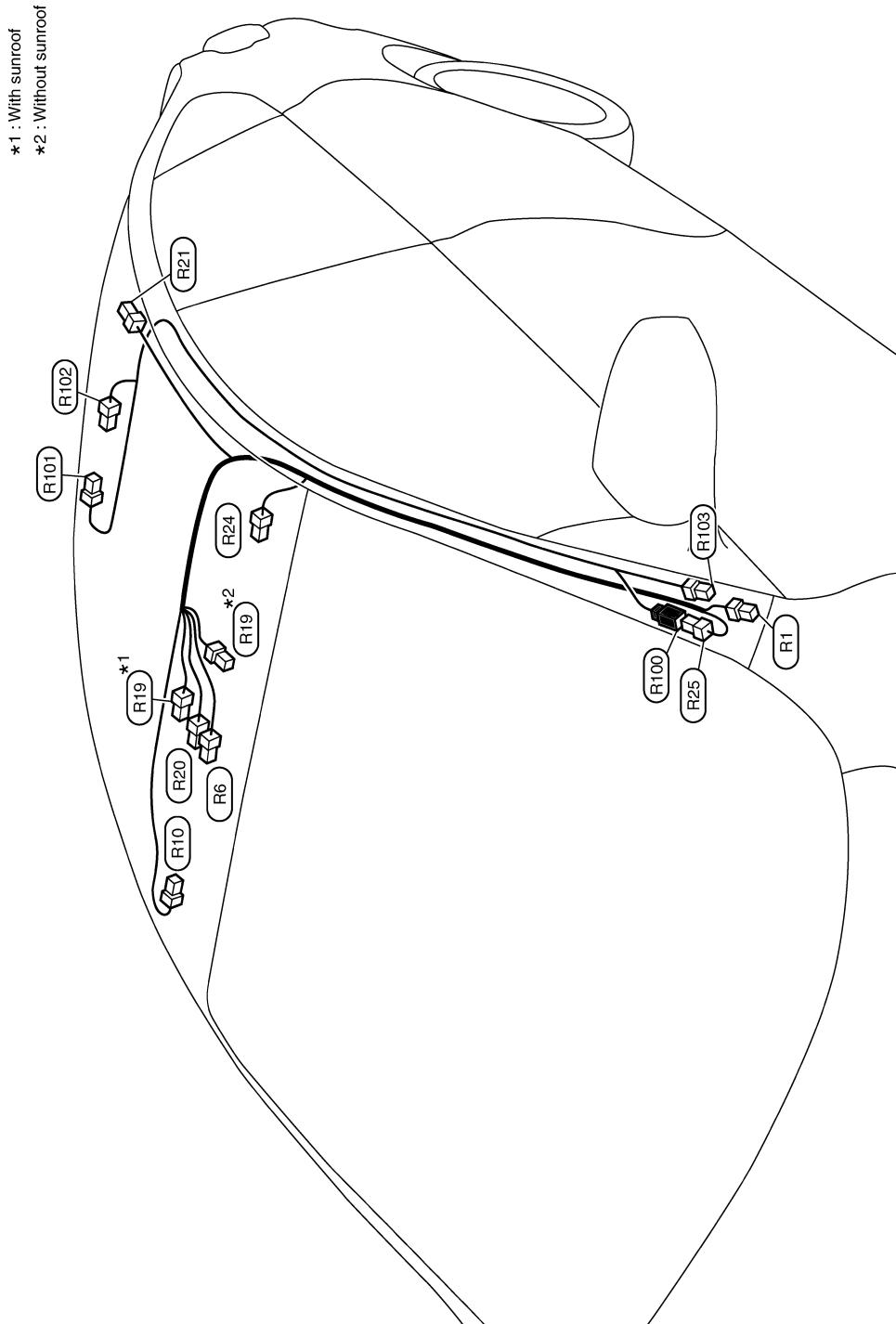
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000003792676

ROOM LAMP HARNESS



2008/01/23

JCMIM0325GB

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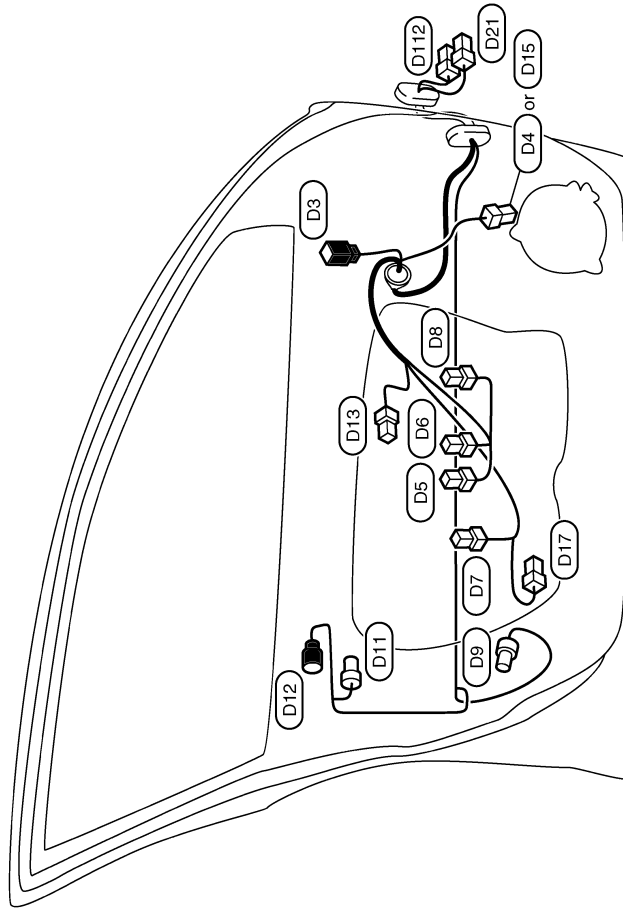
HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Front Door Harness (LH Side)

INFOID:000000003792677



FRONT DOOR HARNESS (LH SIDE)

2008/01/23

JCMIM0326GB

HARNESS LAYOUT

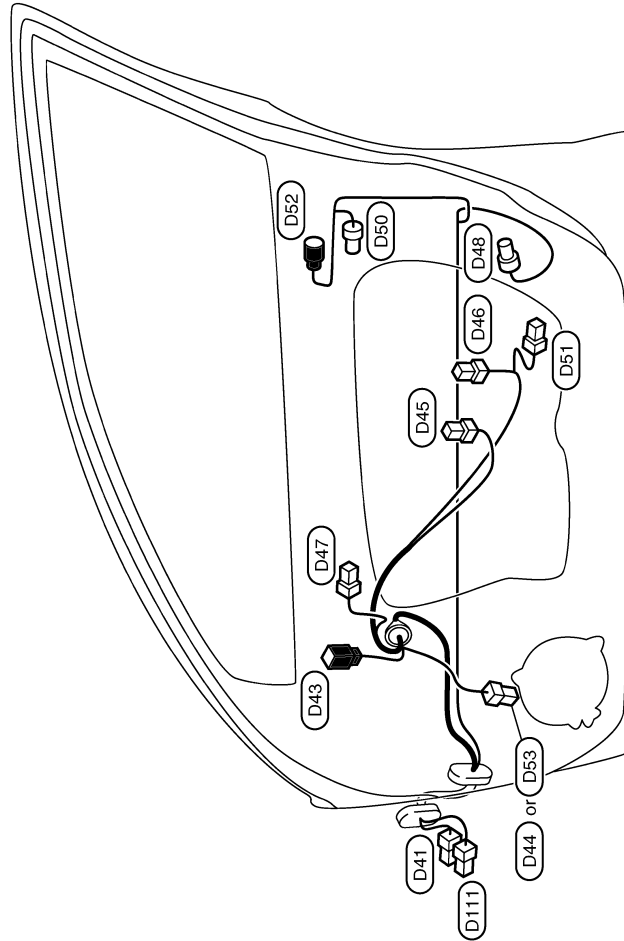
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Front Door Harness (RH Side)

INFOID:000000003792678

FRONT DOOR HARNESS (RH SIDE)



2008/01/23

JCMIM0327GB

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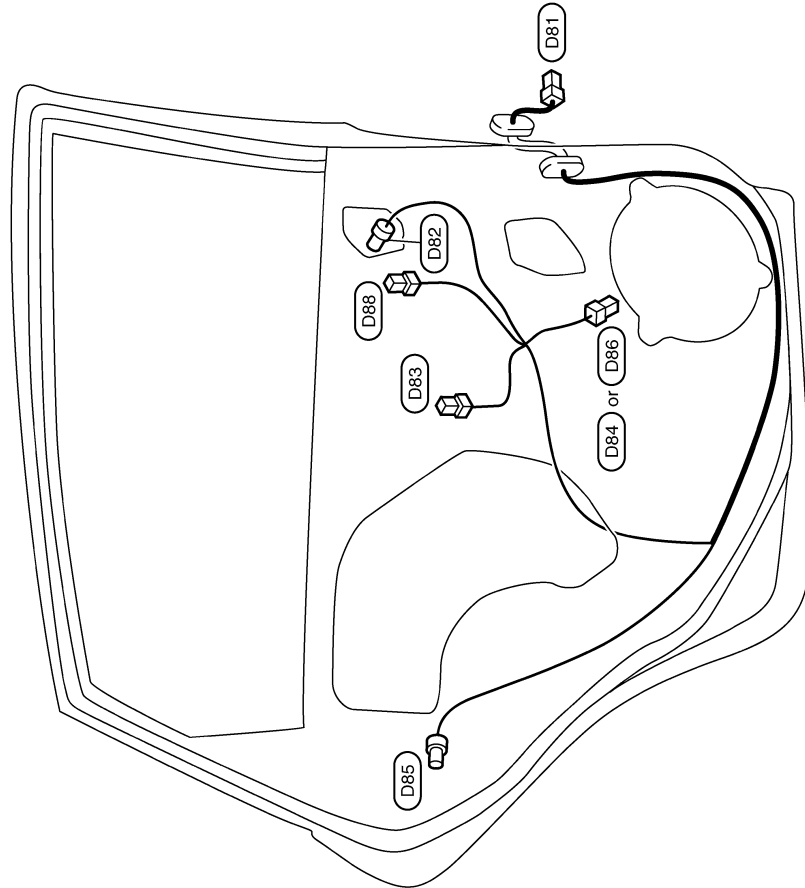
HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Rear Door Harness (LH Side)

INFOID:000000003792679



REAR DOOR HARNESS (LH SIDE)

2008/01/23

JCMIM0328GB

HARNESS LAYOUT

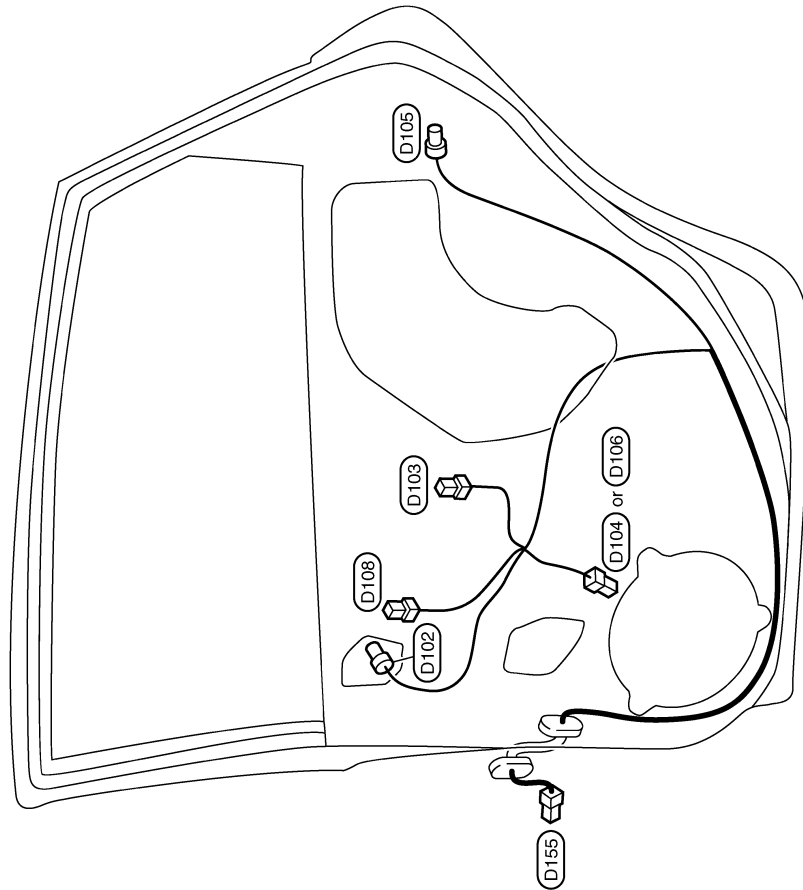
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Rear Door Harness (RH Side)

INFOID:000000003792680

REAR DOOR HARNESS (RH SIDE)



2008/01/23

JCMIM0329GB

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HARNESS CONNECTOR

Description

INFOID:000000003792682

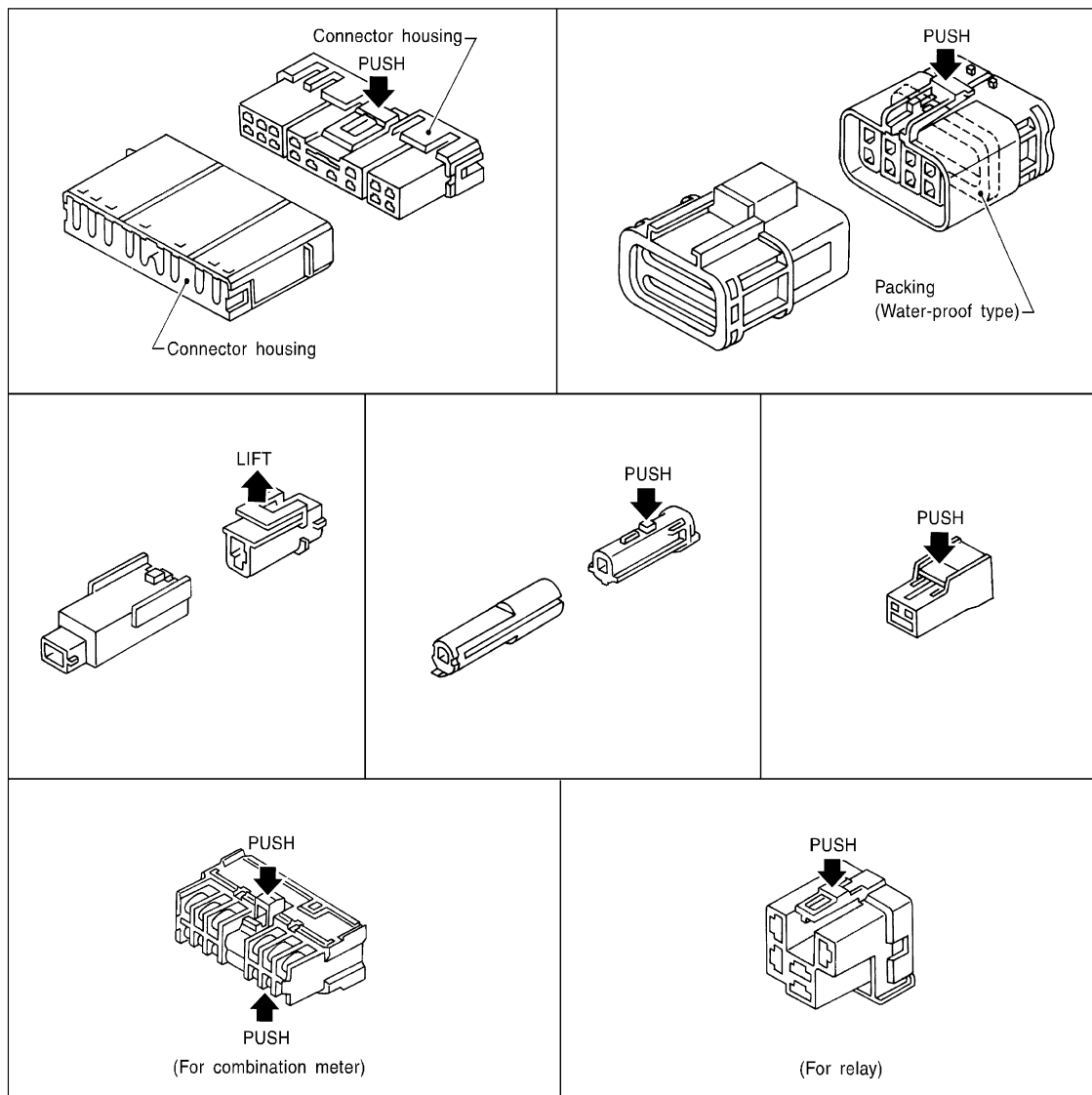
HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

HARNESS CONNECTOR

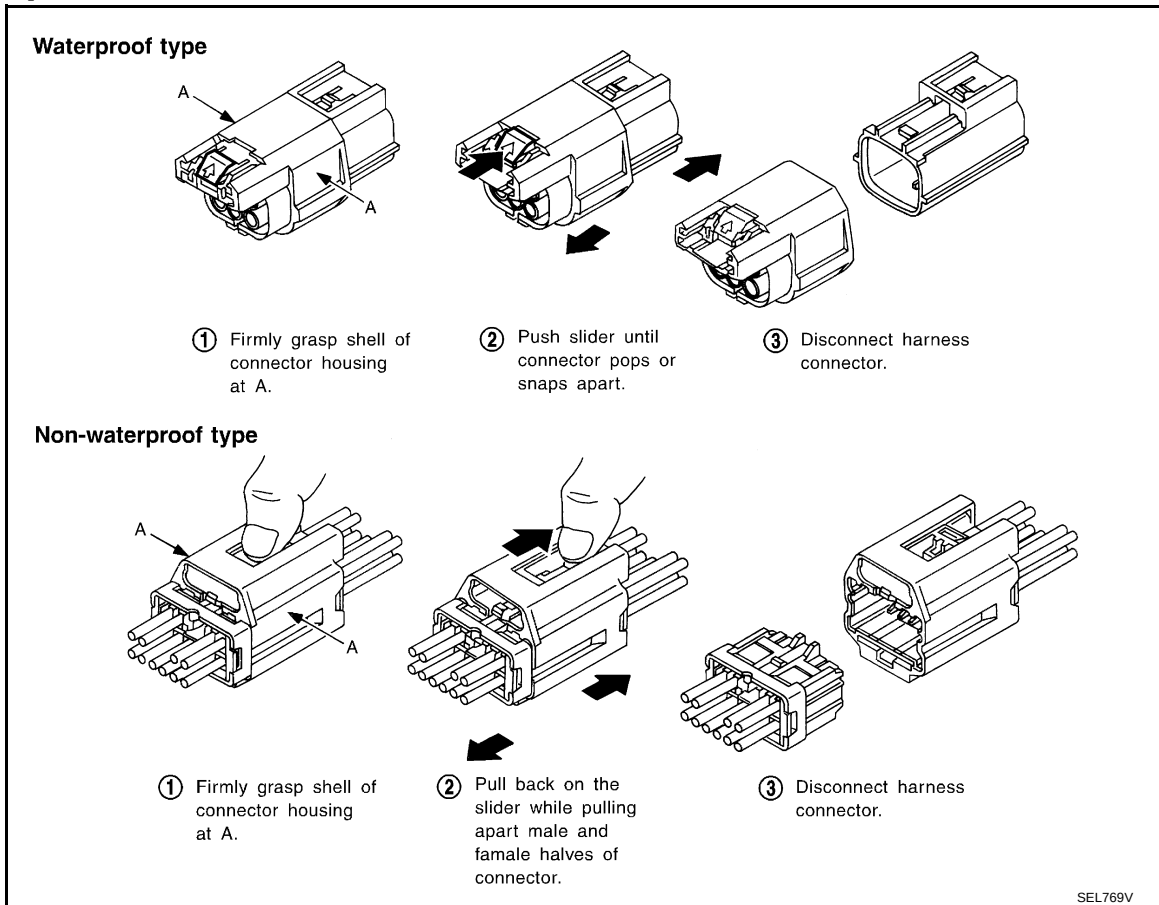
< COMPONENT DIAGNOSIS >

[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.

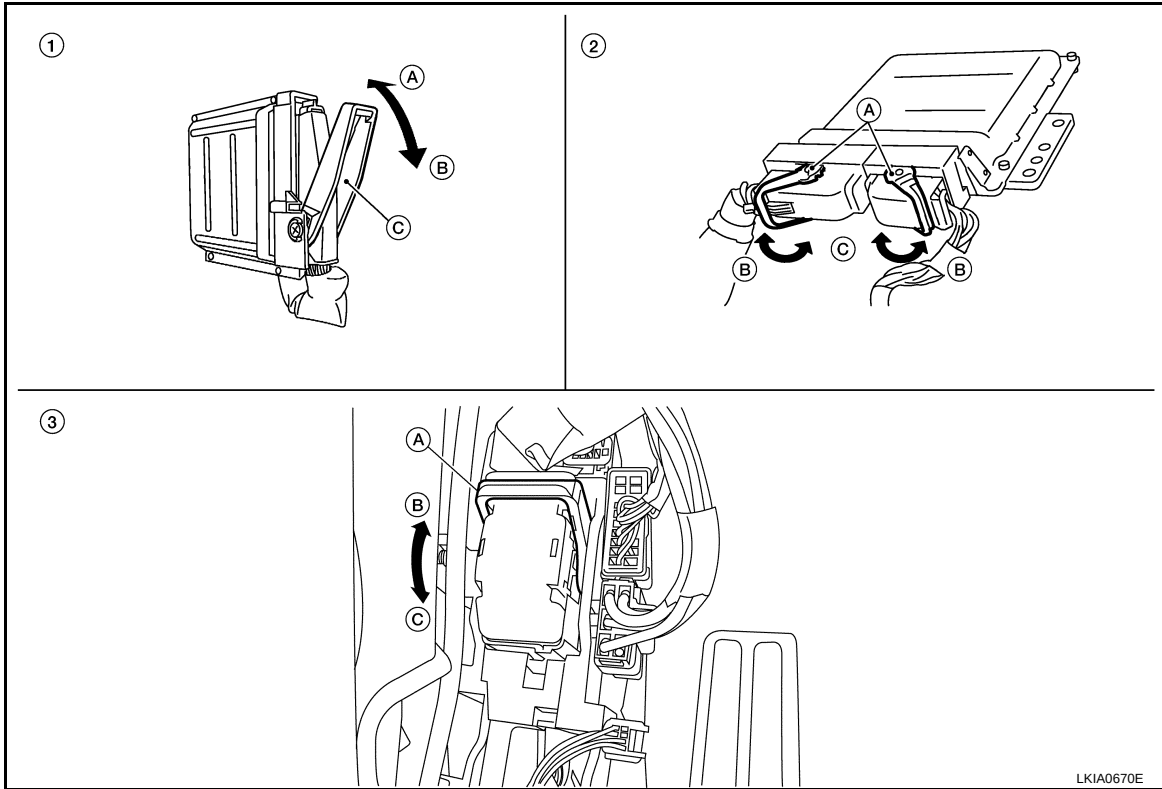
CAUTION:

HARNESS 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

STANDARDIZED RELAY

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

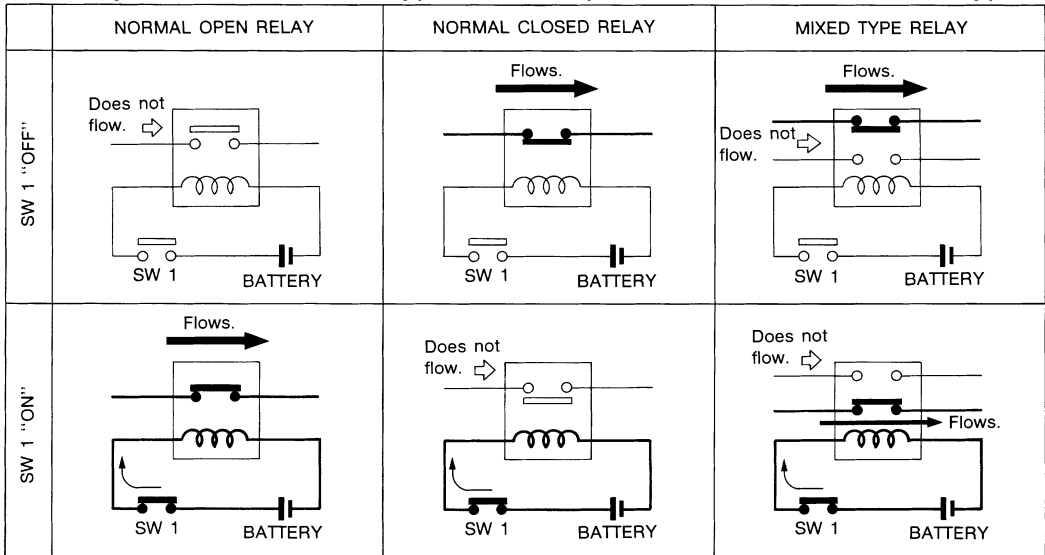
STANDARDIZED RELAY

Description

INFOID:000000003792683

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

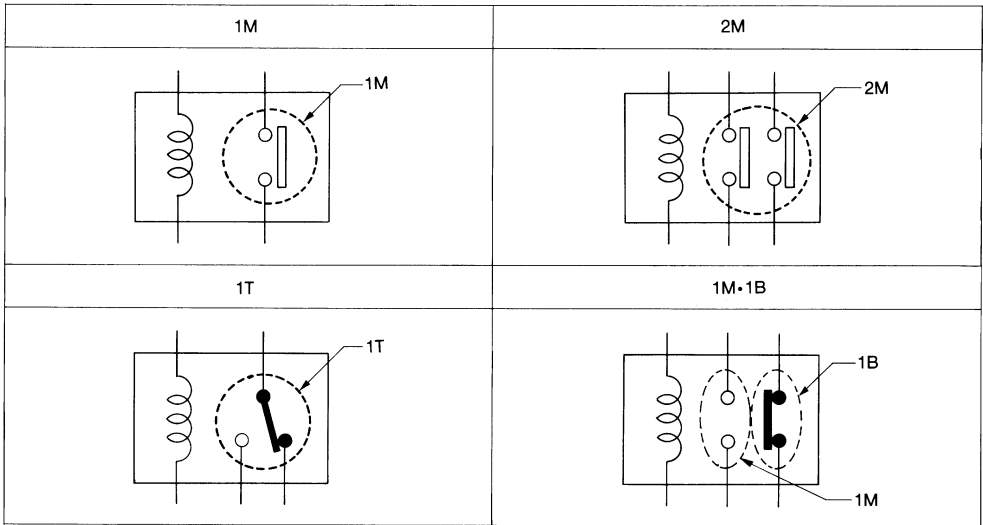
Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



SEL881H

TYPE OF STANDARDIZED RELAYS

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

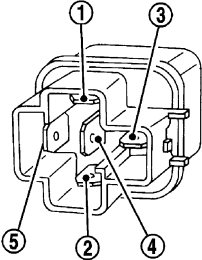
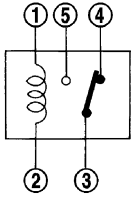
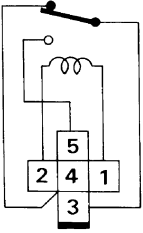
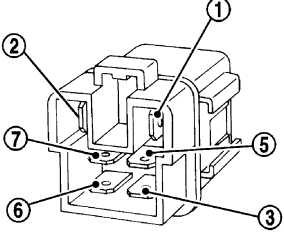
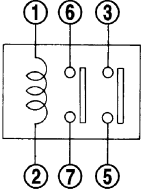
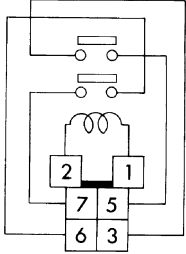
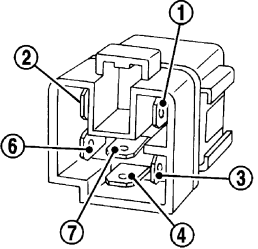
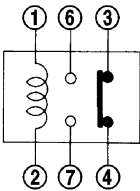
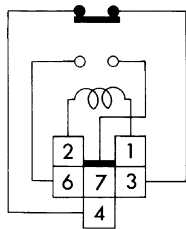
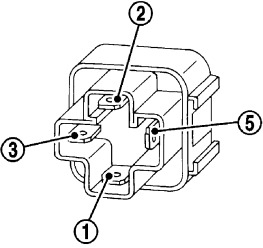
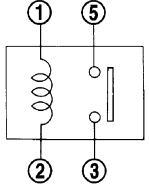
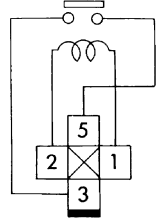
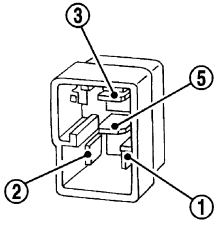
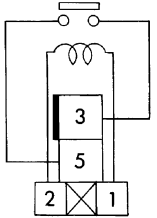


SEL882H

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

FUSE BLOCK - JUNCTION BOX (J/B)

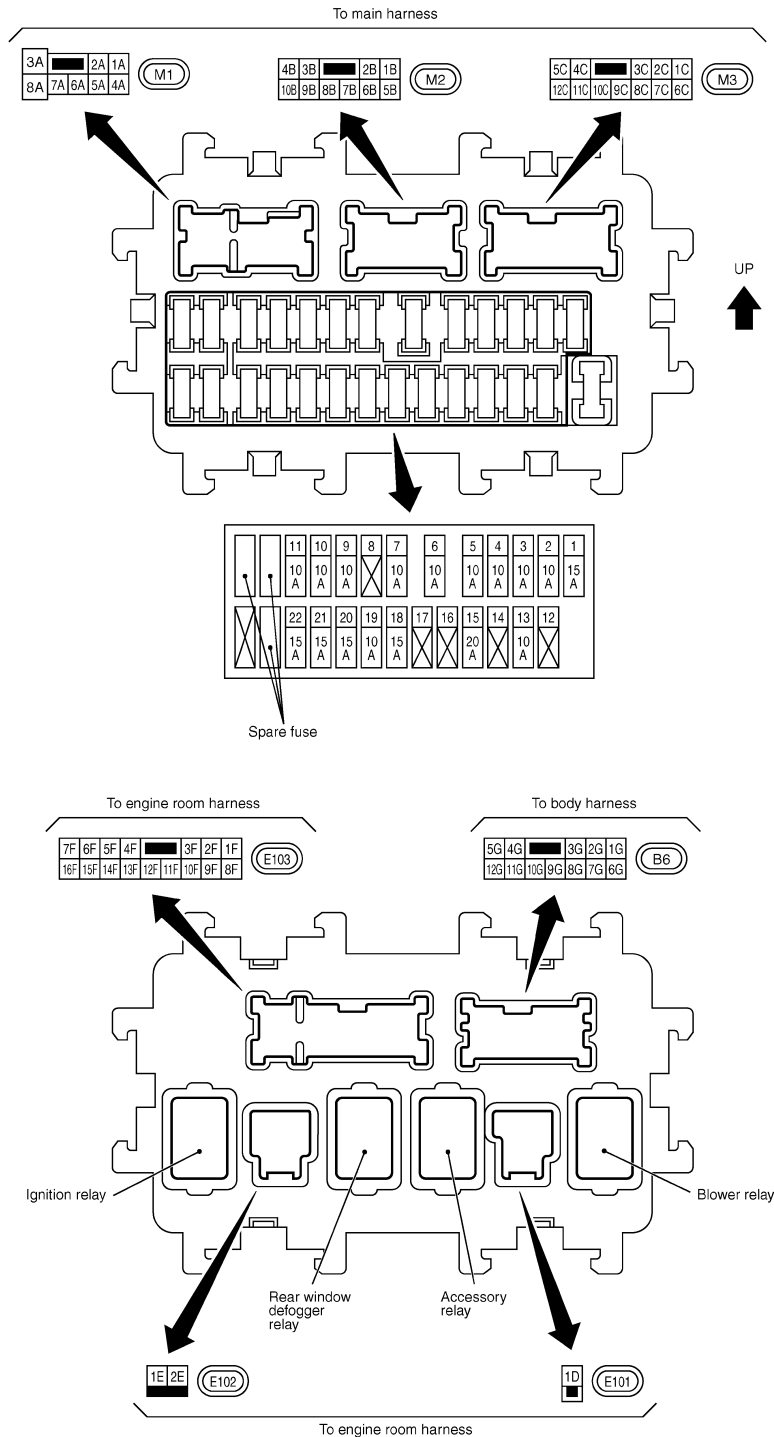
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000003792684



2008/01/23

JCMWM1766G

FUSE, FUSIBLE LINK AND RELAY BOX

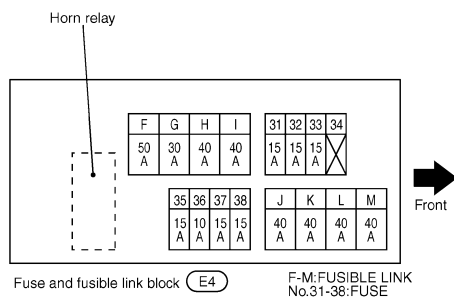
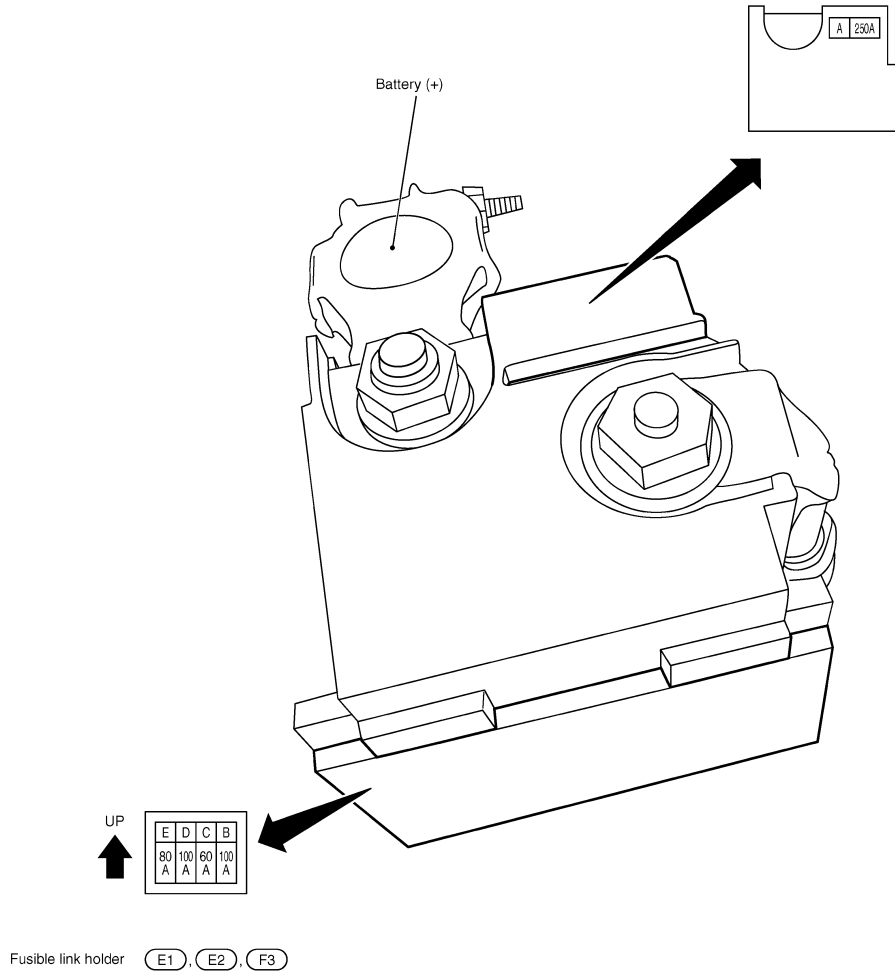
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000003792685



2008/01/23

JCMWM1767G

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

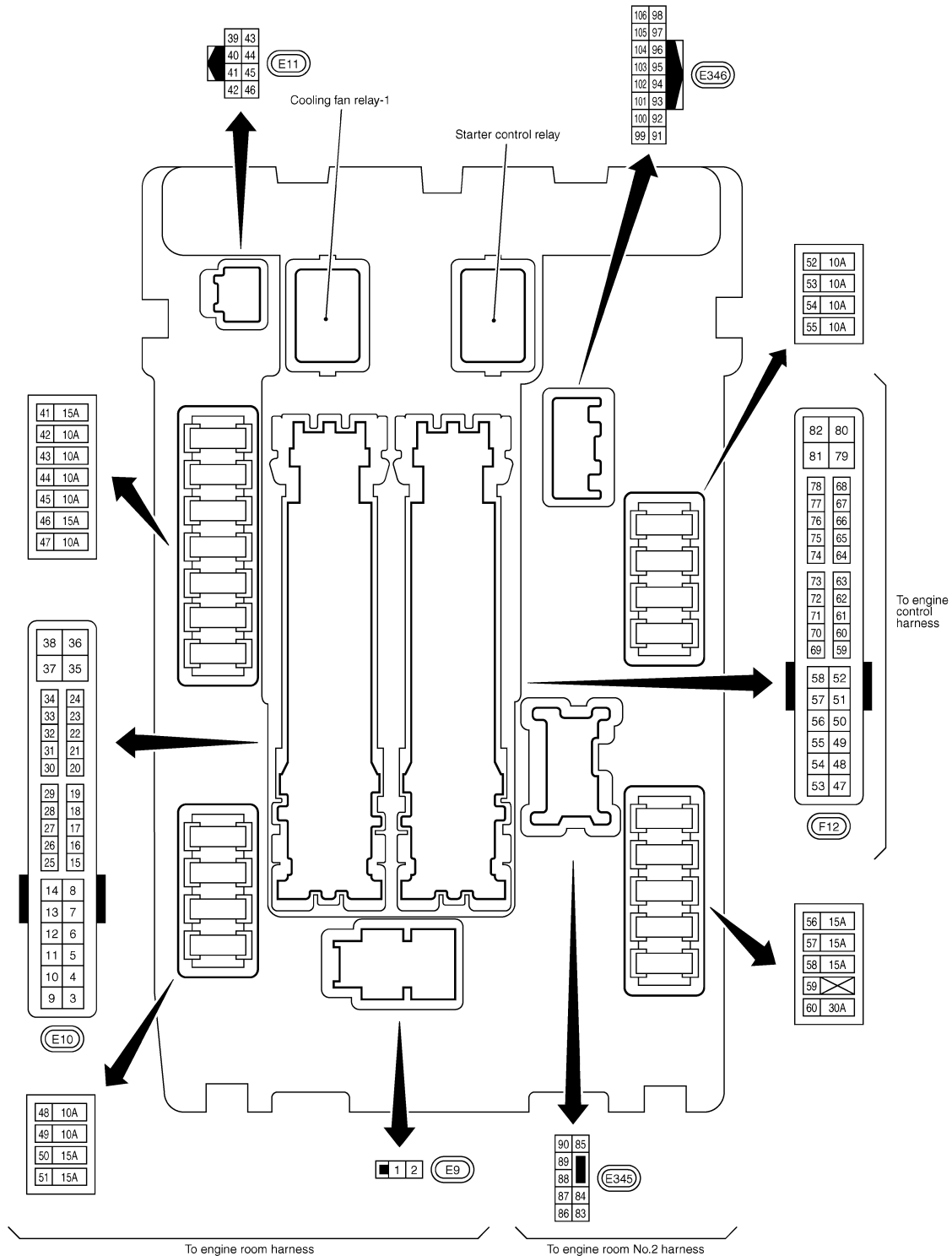
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000003792686



2008/01/23

JCMWM1768G

PRECAUTION

PRECAUTIONS

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

INFOID:000000003844339

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. 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".
- Never 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.

BATTERY CHARGING CHART

< ON-VEHICLE MAINTENANCE >

[POWER SUPPLY & GROUND CIRCUIT]

ON-VEHICLE MAINTENANCE

BATTERY CHARGING CHART

Slow Charge

INFOID:000000003809462

1. DETERMINE INITIAL CHARGING CURRENT

1. Determine initial charging current from specific gravity.
2. Check battery type and determine the specified current using the table.

NOTE:

After starting charging, adjustment of charging current is not necessary.

Initial Charging Current Setting (Slow Charge)

CONVERTED SPECIFIC GRAVITY	BATTERY TYPE																		
	28B19R(L)	34B19R(L)	46B24R(L)	55B24R(L)	50D23R(L)	55D23R(L)	025 [YUASA type code]	027 [YUASA type code]	80D23R(L)	65D26R(L)	80D26R(L)	067 [YUASA type code]	096 [YUASA type code]	75D31R(L)	95D31R(L)	115D31R(L)	110D26R(L)	95E41R(L)	130E41R(L)
Below 1.100	4.0 (A)	5.0 (A)	7.0 (A)				8.0 (A)				8.5 (A)	9.0 (A)	10.0 (A)				14.0 (A)		

>> GO TO 2.

2. CHARGE BATTERY

1. Charge battery.
2. Check charge voltage 30 minutes after starting the battery charge.

Is the voltage between 12 V and 15 V?

YES >> GO TO 3.

NO >> Replace battery.

3. CHARGE BATTERY

Continue to charge for 12 hours.

>> GO TO 4.

4. CHECKING SPECIFIC GRAVITY

Check specific gravity. Refer to [PG-3. "How to Handle Battery"](#).

Is the specific gravity 1.240 or more?

YES >> Complete slow charge. Perform "CAPACITY TEST". Refer to [PG-5. "Work Flow"](#).

NO >> GO TO 5.

5. CONDUCT ADDITIONAL CHARGE

Add charging time depending on specific gravity.

Additional Charge (Slow Charge)

SPECIFIC GRAVITY	CHARGING TIME (h)
Below 1.150	5
1.150 - 1.200	4
1.200 - 1.240	2

>> Complete slow charge. Perform "CAPACITY TEST". Refer to [PG-5. "Work Flow"](#).

CAUTION:

BATTERY CHARGING CHART

< ON-VEHICLE MAINTENANCE >

[POWER SUPPLY&GROUND CIRCUIT]

- Set charging current to value specified in “Initial Charging Current Setting (Slow Charge)”. If charger is not capable of producing specified current value, set its charging current as close to that value as possible.
- Keep battery away from open flame while it is being charged.
- When connecting charger, connect leads first, then turn on charger. Never turn on charger first, as this may cause a spark.
- If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

Standard Charge

INFOID:000000003809463

1.DETERMINE INITIAL CHARGING CURRENT

1. Determine initial charging current from specific gravity.
2. Check battery type and determine the specified current using the table.

NOTE:

After starting charging, adjustment of charging current is not necessary.

Initial Charging Current Setting (Standard Charge)

CONVERTED SPECIFIC GRAVITY	BATTERY TYPE																		
	28B19R(L)	34B19R(L)	46B24R(L)	55B24R(L)	50D23R(L)	55D23R(L)	025 [YUASA type code]	027 [YUASA type code]	80D23R(L)	65D26R(L)	80D26R(L)	067 [YUASA type code]	096 [YUASA type code]	75D31R(L)	95D31R(L)	115D31R(L)	110D26R(L)	95E41R(L)	130E41R(L)
1.100 - 1.130	4.0 (A)		5.0 (A)		6.0 (A)				7.0 (A)					8.0 (A)		9.0 (A)			13.0 (A)
1.130 - 1.160	3.0 (A)		4.0 (A)		5.0 (A)				6.0 (A)					7.0 (A)		8.0 (A)			11.0 (A)
1.160 - 1.190	2.0 (A)		3.0 (A)		4.0 (A)				5.0 (A)					6.0 (A)		7.0 (A)			9.0 (A)
1.190 - 1.220	2.0 (A)		2.0 (A)		3.0 (A)				4.0 (A)					5.0 (A)		5.0 (A)			7.0 (A)

>> GO TO 2.

2.CHARGE BATTERY

Charge battery for 8 hours.

>> GO TO 3.

3.CHECKING SPECIFIC GRAVITY

Check specific gravity. Refer to [PG-3, "How to Handle Battery"](#).

Is the specific gravity 1.240 or more?

YES >> Complete standard charge. Perform “CAPACITY TEST”. Refer to [PG-5, "Work Flow"](#).

NO >> GO TO 4.

4.CONDUCT ADDITIONAL CHARGE

Add charging time depending on specific gravity.

Additional Charge (Standard Charge)

SPECIFIC GRAVITY	CHARGING TIME (h)
Below 1.150	3.5
1.150 - 1.200	2.5
1.200 - 1.240	1.5

BATTERY CHARGING CHART

< ON-VEHICLE MAINTENANCE >

[POWER SUPPLY&GROUND CIRCUIT]

>> Complete standard charge. Perform "CAPACITY TEST". Refer to [PG-5, "Work Flow"](#).

CAUTION:

- Never use standard charge method on a battery whose specific gravity is less than 1.100.
- Set charging current to value specified in "Initial Charging Current Setting (Standard Charge)". If charger is not capable of producing specified current value, set its charging current as close to that value as possible.
- Keep battery away from open flame while it is being charged.
- When connecting charger, connect leads first, then turn on charger. Never turn on charger first, as this may cause a spark.
- If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

Quick Charge

INFOID:000000003809464

1.DETERMINE INITIAL CHARGING CURRENT

1. Determine initial charging current setting and charging time from specific gravity.
2. Check battery type and determine the specified current using the table.

NOTE:

After starting charging, adjustment of charging current is not necessary.

Initial Charging Current Setting and Charging Time (Quick Charge)

BATTERY TYPE		28B19R(L)	34B19R(L)	46B24R(L)	55B24R(L)	50D23R(L)	55D23R(L)	80D23R(L)	65D26R(L)	80D26R(L)	025 [YUASA type code]	027 [YUASA type code]	067 [YUASA type code]	096 [YUASA type code]	75D31R(L)	95D31R(L)	115D31R(L)	110D26R(L)	95E41R(L)	130E41R(L)
CURRENT [A]		10		15				20					25			30				40
CONVERTED SPECIFIC GRAVITY	1.100 - 1.130	2.5 hours																		
	1.130 - 1.160	2.0 hours																		
	1.160 - 1.190	1.5 hours																		
	1.190 - 1.220	1.0 hour																		
	Above 1.220	0.75 hour (45 min.)																		

CAUTION:

- Never use quick charge method on a battery whose specific gravity is less than 1.100.
- Set initial charging current to value specified in "Initial Charging Current Setting and Charging Time (Quick Charge)". If charger is not capable of producing specified current value, set its charging current as close to that value as possible.
- Keep battery away from open flame while it is being charged.
- When connecting charger, connect leads first, then turn on charger. Never turn on charger first, as this may cause a spark.
- Be careful of a rise in battery temperature because a large current flow is required during quick-charge operation.
If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).
- Never exceed the charging time specified in "Initial Charging Current Setting and Charging Time (Quick Charge)", because charging battery over the charging time can cause deterioration of the battery.

BATTERY CHARGING CHART

< ON-VEHICLE MAINTENANCE >

[POWER SUPPLY&GROUND CIRCUIT]

>> GO TO 2.

2.CHARGE BATTERY

Charge battery.

>> Complete quick charge. Perform "CAPACITY TEST". Refer to [PG-5, "Work Flow"](#).

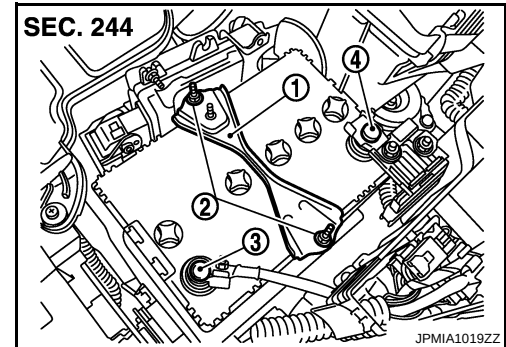
ON-VEHICLE REPAIR

BATTERY

Exploded View

INFOID:000000003792690

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

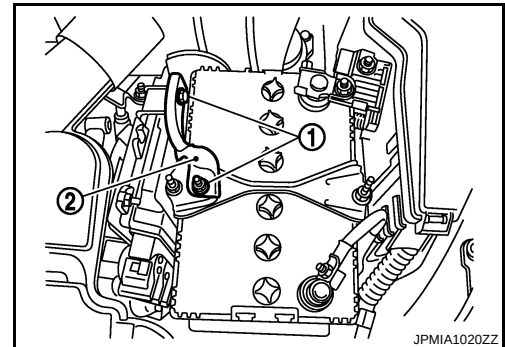


Removal and Installation

INFOID:000000003792691

REMOVAL

1. Remove air duct (inlet). Refer to [EM-26, "Exploded View"](#).
2. Remove the nut and bolt (1) and remove the bracket (2) from the battery fix frame.

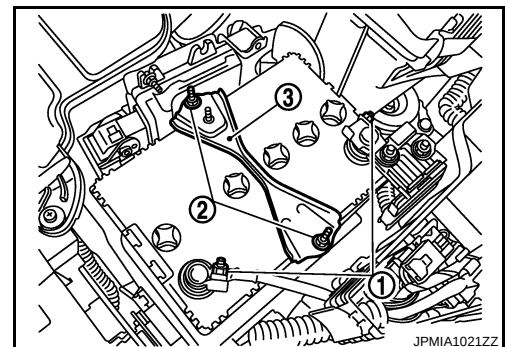


3. Remove cover of battery positive terminal.
4. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

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

: 3.92 N·m (0.40 kg-m, 35 in-lb)

Battery terminal nut

: 5.4 N·m (0.55 kg-m, 48 in-lb)

BATTERY

< ON-VEHICLE REPAIR >

[POWER SUPPLY&GROUND CIRCUIT]

Reset electronic systems as necessary. Refer to [GI-48. "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

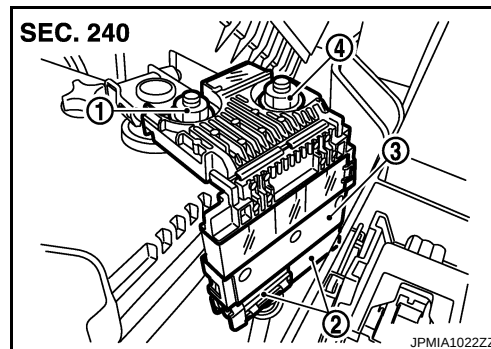
< ON-VEHICLE REPAIR >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

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



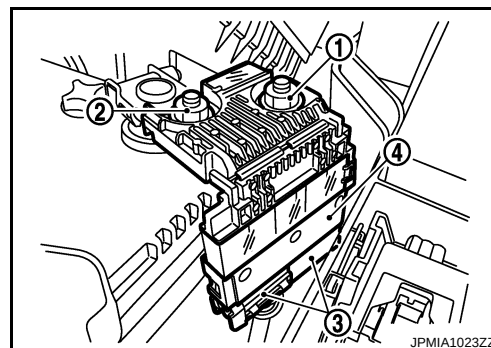
INFOID:000000003792692

Removal and Installation

INFOID:000000003792693

REMOVAL

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



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.5 N·m (1.4 kg-m, 10 ft-lb)

Fusible link holder mounting nut

: 13.5 N·m (1.4 kg-m, 10 ft-lb)

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

[POWER SUPPLY & GROUND CIRCUIT]

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000003792694

Type		110D26L
20 hour rate capacity	[V - Ah]	12 - 75
Cold cranking current (For reference value)	[A]	720