

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

CONTENTS

POWER SUPPLY&GROUND CIRCUIT		
BASIC INSPECTION	3	
BATTERY	3	
How to Handle Battery	3	
Work Flow	5	
COMPONENT DIAGNOSIS	6	
POWER SUPPLY ROUTING CIRCUIT	6	
Wiring Diagram - BATTERY POWER SUPPLY -	6	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSIBLE LINK No. L -	20	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 6 -	23	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 9 -	27	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 11 -	28	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 35 -	31	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 50 -	35	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 52 -	39	
Wiring Diagram - BATTERY POWER SUPPLY		
FUSE No. 53 -	42	
Wiring Diagram - ACCESSORY POWER SUPPLY -	51	
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -	54	
Wiring Diagram - IGNITION POWER SUPPLY -	59	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 3 -	68	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 4 -	74	
Wiring Diagram - IGNITION POWER SUPPLY		
FUSE No. 44 -	76	
Fuse	79	
Fusible Link	79	
Circuit Breaker	79	
OPTION HARNESS	80	
Wiring Diagram - OPTION HARNESS -	80	
HARNESS LAYOUT	82	
How To Read Harness Layout	82	
Outline	83	
Main Harness	84	
Engine Room Harness	85	
Engine Control Harness	87	
Body Harness	88	
Body No. 2 Harness	89	
Room Lamp Harness	90	
Front Door Harness (LH Side)	91	
Front Door Harness (RH Side)	92	
Rear Door Harness (LH Side)	93	
Rear Door Harness (RH Side)	94	
Back Door Harness	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	

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

PREPARATION	105	BATTERY TERMINAL WITH FUSIBLE LINK..	108
		Exploded View	108
PREPARATION	105	Removal and Installation	108
Special Service Tools	105		
ON-VEHICLE REPAIR	106	SERVICE DATA AND SPECIFICATIONS	
		(SDS)	109
BATTERY	106	SERVICE DATA AND SPECIFICATIONS	
Exploded View	106	(SDS)	109
Removal and Installation	106	Battery	109

BASIC INSPECTION

BATTERY

How to Handle Battery

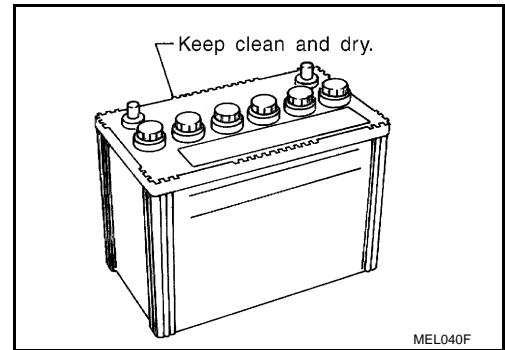
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CAUTION:

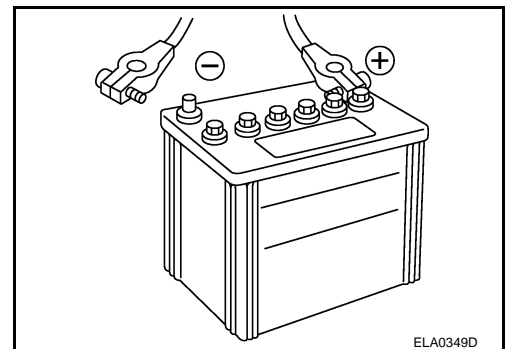
- If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.
- After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.
- Never add distilled water through the hole used to check specific gravity.

METHODS OF PREVENTING OVER-DISCHARGE

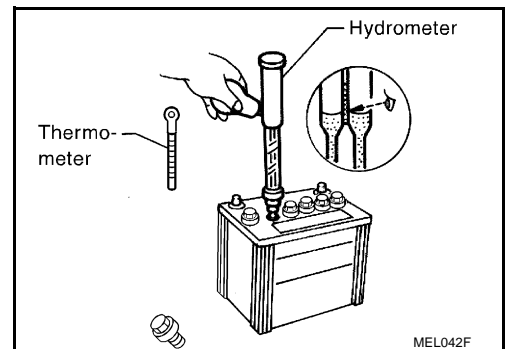
- The following precautions must be taken to prevent over-discharging a battery.
- The battery surface (particularly its top) should always be kept clean and dry.
 - The terminal connections should be clean and tight.
 - At every routine maintenance, check the electrolyte level. This also applies to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



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



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



CHECKING ELECTROLYTE LEVEL

WARNING:

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

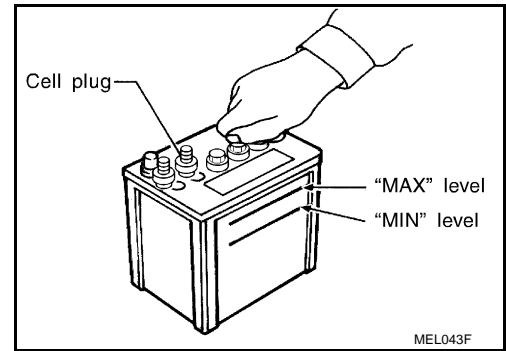
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

< BASIC INSPECTION >

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

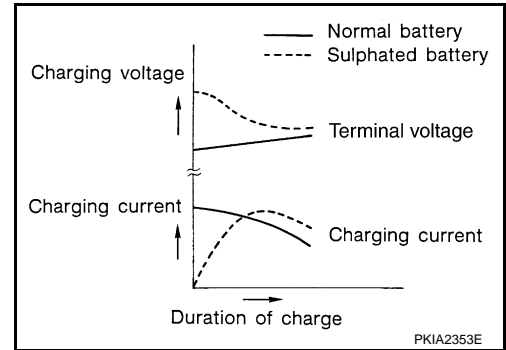


Sulphation

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

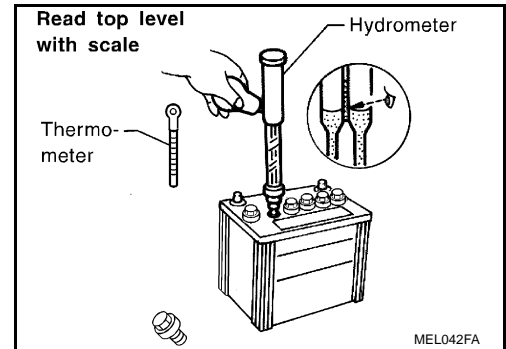
To determine if a battery has been "sulphated", note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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



SPECIFIC GRAVITY CHECK

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



Hydrometer Temperature Correction

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

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

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

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

CHARGING THE BATTERY

CAUTION:

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

Charging Rates

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

Do not charge at more than 50 ampere rate.

NOTE:

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

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

Work Flow

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TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

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

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

COMPONENT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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NOTE:

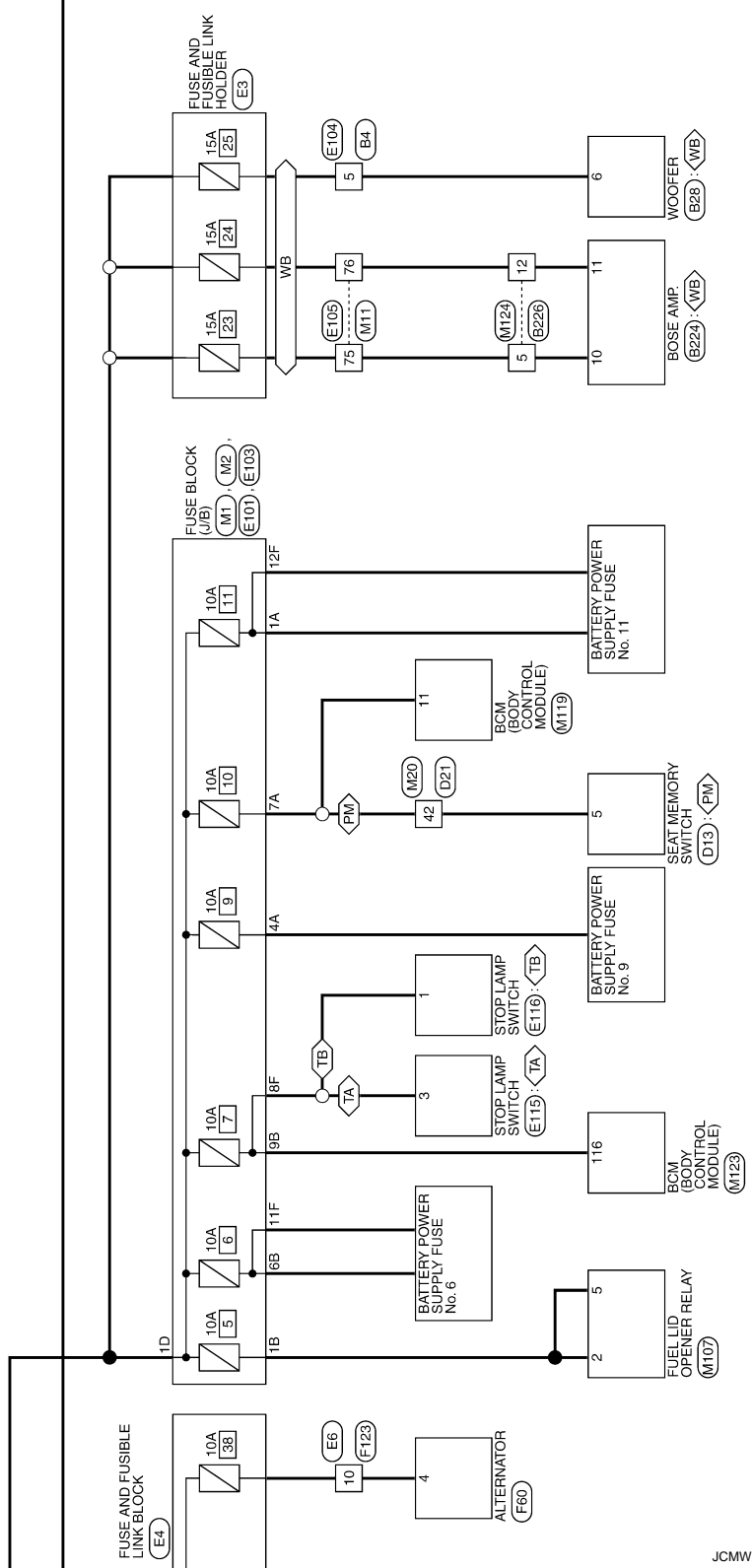
- Type A: Up to VIN: JN8AZ18U*9W100000, JN8AZ18W*9W200000 (EXCEPT FOR MEXICO), JN8AZ18U*9W710000, JN8AZ18W*9W810000 (FOR MEXICO)

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

- TA : Type A
- TB : Type B
- WB : With BOSE system
- PM : With automatic drive positioner



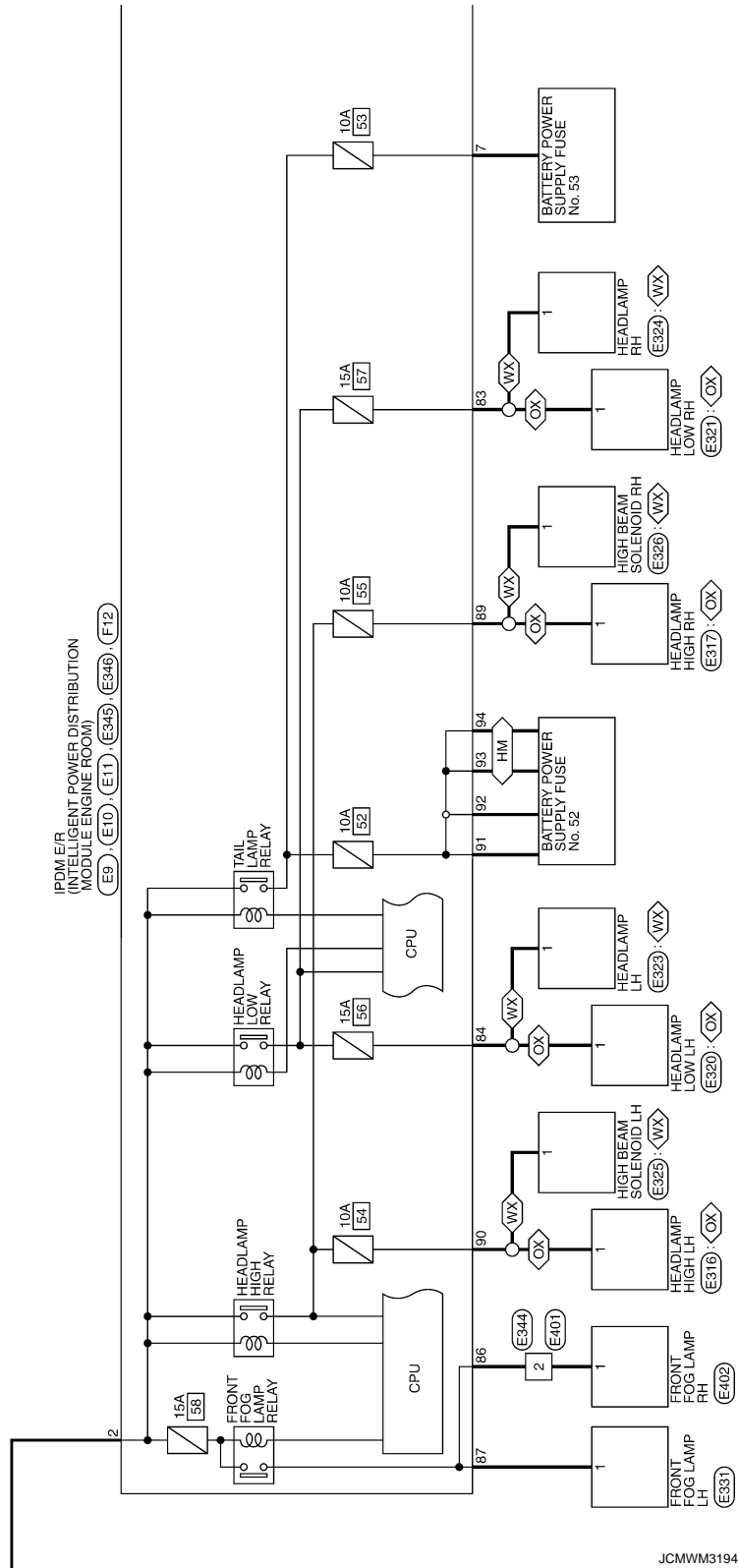
JCMWM3193G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

- : With xenon headlamp
- : Without xenon headlamp
- : With headlamp manual aiming



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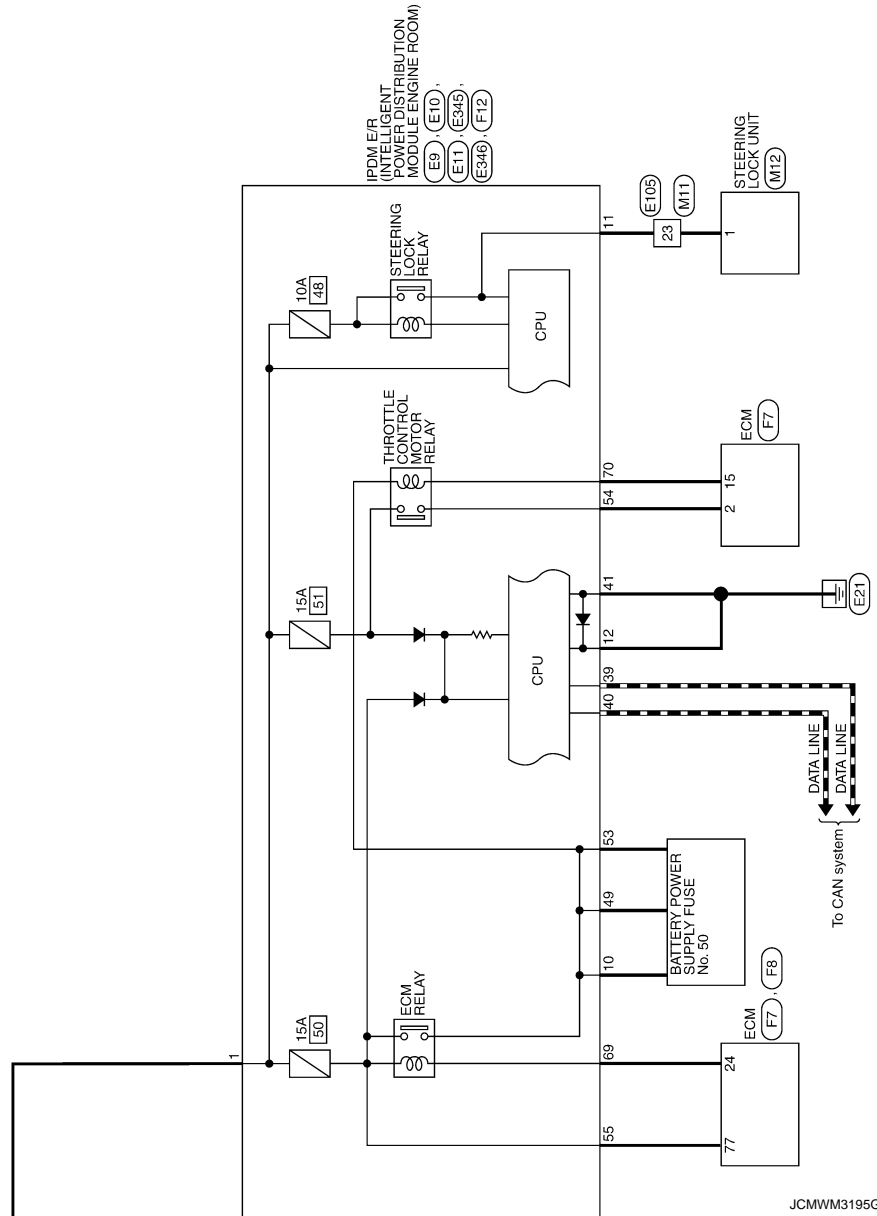
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No. B4	WIRE TO WIRE	NS16MW-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>5</td> <td>O</td> <td>-</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	5	O	-
Terminal No.	Color of Wire	Signal Name [Specification]								
5	O	-								
Connector No. B7	AUTOMATIC BACK DOOR CONTROL UNIT	TB3GFV-TM4		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>28</td> <td>R</td> <td>BAT</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	28	R	BAT
Terminal No.	Color of Wire	Signal Name [Specification]								
28	R	BAT								
Connector No. B11	WIRE TO WIRE	TH8BMW-CS1.9		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>87</td> <td>R</td> <td>-</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	87	R	-
Terminal No.	Color of Wire	Signal Name [Specification]								
87	R	-								
Connector No. B28	WOOFER	RS38FGY-PR		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>6</td> <td>O</td> <td>BAT</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	6	O	BAT
Terminal No.	Color of Wire	Signal Name [Specification]								
6	O	BAT								
Connector No. B70	WIRE TO WIRE	MO1MW-GY-PS		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>1</td> <td>W</td> <td>-</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	W	-
Terminal No.	Color of Wire	Signal Name [Specification]								
1	W	-								
Connector No. B82	OPTION CONNECTOR	MO1FW-LG		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>1</td> <td>W</td> <td>-</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	W	-
Terminal No.	Color of Wire	Signal Name [Specification]								
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Connector No. B216	WIRE TO WIRE	NS16MBFR-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>1</td> <td>G</td> <td>-</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	G	-
Terminal No.	Color of Wire	Signal Name [Specification]								
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Connector No. B222	WIRE TO WIRE	NS308FBR-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>Color of Wire</td> <td>Signal Name [Specification]</td> </tr> <tr> <td>11</td> <td>G</td> <td>-</td> </tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	11	G	-
Terminal No.	Color of Wire	Signal Name [Specification]								
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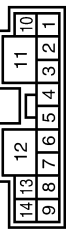

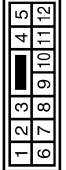







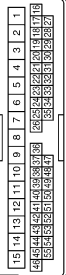




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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

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Connector No.	D13																																																								
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POWER SUPPLY ROUTING CIRCUIT





< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY


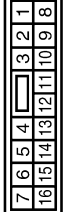
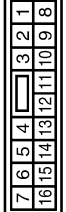

Connector No.	E59	Connector No.	E101	Connector No.	E70	Connector No.	E102
Connector Name	COOLING FAN RELAY-3	Connector Name	FUSE BLOCK (J/B)	Connector Name	WIRE TO WIRE	Connector Name	FUSE BLOCK (J/B)
Connector Type	M08FBR-R-LC	Connector Type	L01FW-MC	Connector Type	M06MW-LC	Connector Type	M02FB-LC

Terminal No.	5	Terminal No.	ID	Terminal No.	3	Terminal No.	1E
Color of Wire	Y	Color of Wire	W	Color of Wire	BR	Color of Wire	G
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

Connector No.	E103	Connector No.	E105	Connector No.	E104	Connector No.	E115
Connector Name	FUSE BLOCK (J/B)	Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	STOP LAMP SWITCH (TYPE A)
Connector Type	NS16FW-CS	Connector Type	TH70MW-CS10-M3	Connector Type	NS16FW-CS	Connector Type	M04FW-LC

Terminal No.	8F	Terminal No.	23	Terminal No.	7	Terminal No.	3
Color of Wire	R	Color of Wire	P	Color of Wire	L	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

















JCMWM3199G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No. E116	Connector Name STOP LAMP SWITCH (TYPE B)	Connector Type M04FW-LC	 H.S.		Terminal No. 1	Color of Wire R	Signal Name [Specification]	
Connector No. E301	Connector Name COOLING FAN MOTOR-1	Connector Type R304FGY-PR	 H.S.		Terminal No. 1	Color of Wire L	Signal Name [Specification]	
Connector No. E305	Connector Name WIRE TO WIRE	Connector Type M06FW-LC	 H.S.		Terminal No. 3	Color of Wire L	Signal Name [Specification]	
Connector No. E316	Connector Name HEADLAMP HIGH LH	Connector Type J02FEB	 H.S.		Terminal No. 1	Color of Wire G	Signal Name [Specification]	
Connector No. E317	Connector Name HEADLAMP HIGH RH	Connector Type J02FEB	 H.S.		Terminal No. 1	Color of Wire L	Signal Name [Specification]	
Connector No. E320	Connector Name HEADLAMP LOW LH	Connector Type FHZ02FEB	 H.S.		Terminal No. 1	Color of Wire L	Signal Name [Specification]	
Connector No. E321	Connector Name HEADLAMP LOW RH	Connector Type FHZ02FEB	 H.S.		Terminal No. 1	Color of Wire Y	Signal Name [Specification]	
Connector No. E323	Connector Name HEADLAMP LH	Connector Type E02FGY-RS	 H.S.		Terminal No. 1	Color of Wire L	Signal Name [Specification]	

JCMWM3200GI

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E324	Connector No.	E325	Connector No.	E326	Connector No.	E331
Connector Name	HEADLAMP RH	Connector Name	HIGH BEAM SOLENOID LH	Connector Name	HIGH BEAM SOLENOID RH	Connector Name	FRONT FOG LAMP LH
Connector Type	E02FCY-RS	Connector Type	RS02FB	Connector Type	RS02FB	Connector Type	FH202FB
Terminal No.	1	Terminal No.	1	Terminal No.	1	Terminal No.	1
Color of Wire	Y	Color of Wire	G	Color of Wire	L	Color of Wire	GR
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-



Connector No.	E344	Connector No.	E345	Connector No.	E346	Connector No.	E401
Connector Name	WIRE TO WIRE	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Name	WIRE TO WIRE
Connector Type	RS02MGY	Connector Type	NS08FW-CS	Connector Type	TH18FW-NH	Connector Type	RS02FGY
Terminal No.	2	Terminal No.	83	Terminal No.	91	Terminal No.	2
Color of Wire	SB	Color of Wire	Y	Color of Wire	R	Color of Wire	W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-



JCMWM3201G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

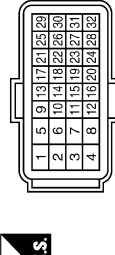
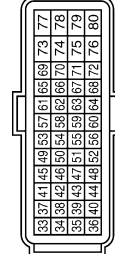
Connector No.	E402	Connector No.	F7	Connector No.	F3	Connector No.	F12	Connector No.	F10
Connector Name	FRONT FOG LAMP RH	Connector Name	ECM	Connector Name	FUSIBLE LINK HOLDER	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Name	STARTER MOTOR
Connector Type	FHZ02FB	Connector Type	RH24FGY-RZB-R-LH	Connector Type		Connector Type	TH20FW-CS12-M4	Connector Type	

Terminal No.	1	Terminal No.	2	Terminal No.	5	Terminal No.	49	Terminal No.	2
Color of Wire	W	Color of Wire	G/W	Color of Wire	B/R	Color of Wire	R/B	Color of Wire	B/R
Signal Name [Specification]	-	Signal Name [Specification]	VMOT-B1	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

Terminal No.	77	Terminal No.	1	Terminal No.	5	Terminal No.	53	Terminal No.	2
Color of Wire	W/L	Color of Wire	O	Color of Wire	B/R	Color of Wire	R/W	Color of Wire	B/R
Signal Name [Specification]	BATT	Signal Name [Specification]	MOTRLY-B1	Signal Name [Specification]	-	Signal Name [Specification]	G/W	Signal Name [Specification]	-

Terminal No.	4	Terminal No.	1	Terminal No.	5	Terminal No.	54	Terminal No.	2
Color of Wire	Y/B	Color of Wire	W/B	Color of Wire	B/R	Color of Wire	W/L	Color of Wire	B/R
Signal Name [Specification]	-	Signal Name [Specification]	SSOFF	Signal Name [Specification]	-	Signal Name [Specification]	W/B	Signal Name [Specification]	-

Terminal No.	4	Terminal No.	1	Terminal No.	5	Terminal No.	55	Terminal No.	2
Color of Wire	Y/B	Color of Wire	B/R	Color of Wire	B/R	Color of Wire	W/B	Color of Wire	B/R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	O	Signal Name [Specification]	-



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JCMW3202GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	F123	Connector No.	M1	Connector No.	M2	Connector No.	M11
Connector Name	WIRE TO WIRE	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)	Connector Name	WIRE TO WIRE
Connector Type	TK16GY-IV	Connector Type	NS06FW-M2	Connector Type	NS10FW-CS	Connector Type	TH170FW-CS(D)-H3

Terminal No.	10	Terminal No.	1A	Terminal No.	1B	Terminal No.	23
Color of Wire	Y/B	Color of Wire	Y	Color of Wire	W	Color of Wire	P
Signal Name [Specification]	-	Color of Wire	4A	Color of Wire	9B	Color of Wire	73
		Color of Wire	7A	Color of Wire	9B	Color of Wire	L
		Color of Wire	LG	Color of Wire	GR	Color of Wire	W
		Color of Wire	GR	Color of Wire	GR	Color of Wire	BR
		Color of Wire	GR	Color of Wire	GR	Color of Wire	R
		Color of Wire	GR	Color of Wire	GR	Color of Wire	G
		Color of Wire	GR	Color of Wire	GR	Color of Wire	G
		Color of Wire	GR	Color of Wire	GR	Color of Wire	R

Connector No.	M12	Connector No.	M58	Connector No.	M69
Connector Name	STEERING LOCK UNIT	Connector Name	HEATED SEAT RELAY	Connector Name	AND CONTROL UNIT
Connector Type	TH08FW-NH	Connector Type	MS02FL-M2-LC	Connector Type	TH16FW-NH

Terminal No.	1	Terminal No.	5	Terminal No.	9
Color of Wire	P	Terminal No.	3	Color of Wire	L
Signal Name [Specification]	S/L 12V MECHANICAL(V)	Color of Wire	5	Color of Wire	L
		Color of Wire	2	Color of Wire	L
		Color of Wire	7	Color of Wire	L
		Color of Wire	8	Color of Wire	L
		Color of Wire	1	Color of Wire	L
		Color of Wire	1	Color of Wire	L
		Color of Wire	1	Color of Wire	L
		Color of Wire	1	Color of Wire	L

Terminal No.	42	Terminal No.	42	Terminal No.	9
Color of Wire	LG	Color of Wire	LG	Color of Wire	G
Signal Name [Specification]	-	Color of Wire	15	Color of Wire	G
		Color of Wire	14	Color of Wire	G
		Color of Wire	13	Color of Wire	G
		Color of Wire	12	Color of Wire	G
		Color of Wire	11	Color of Wire	G
		Color of Wire	10	Color of Wire	G
		Color of Wire	9	Color of Wire	G
		Color of Wire	8	Color of Wire	G
		Color of Wire	7	Color of Wire	G
		Color of Wire	6	Color of Wire	G
		Color of Wire	5	Color of Wire	G
		Color of Wire	4	Color of Wire	G
		Color of Wire	3	Color of Wire	G
		Color of Wire	2	Color of Wire	G
		Color of Wire	1	Color of Wire	G

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











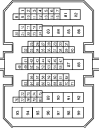


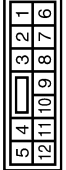

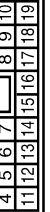
JCMWMM3203G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	M70	Connector No.	M82	Connector No.	M77	Connector No.	M109
Connector Name	WIRE TO WIRE	Connector Name	POWER SOCKET RELAY	Connector Name	WIRE TO WIRE	Connector Name	CIRCUIT BREAKER
Connector Type	NS16FBR-CS	Connector Type	MS22FL-M2-LC	Connector Type	TH80FW-CS19	Connector Type	MS2FW-P-LC
							
							
Terminal No.	1	Terminal No.	5	Terminal No.	87	Terminal No.	11
Color of Wire	R	Color of Wire	G	Color of Wire	R	Color of Wire	LG
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	BAT (FUSE)
Terminal No.	2	Terminal No.	12	Terminal No.	116	Terminal No.	5
Color of Wire	W	Color of Wire	BR	Color of Wire	GR	Color of Wire	BR
Signal Name [Specification]	-	Signal Name [Specification]	FUSE CHECK	Signal Name [Specification]	FUSE CHECK	Signal Name [Specification]	FUSE CHECK
Terminal No.	5	Terminal No.	12	Terminal No.	12	Terminal No.	12
Color of Wire	W	Color of Wire	R	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

JCMW3204GI

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POWER SUPPLY ROUTING CIRCUIT

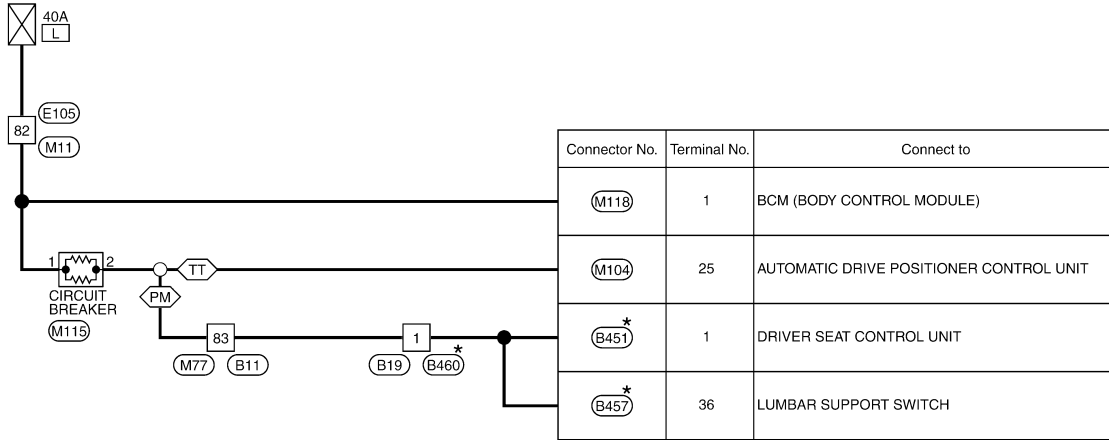
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

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



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

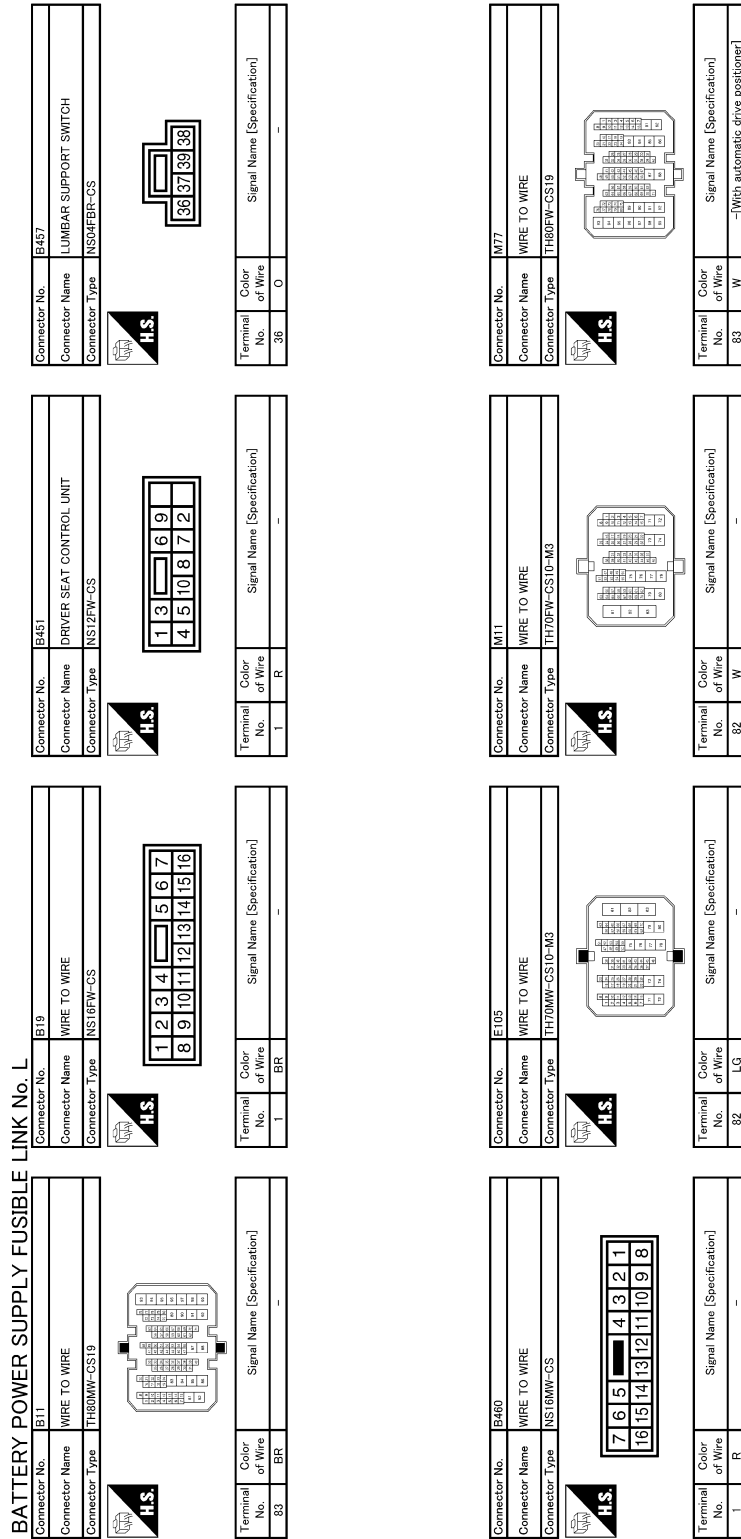
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JCMWM3205G

POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY&GROUND CIRCUIT]



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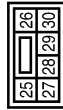
POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK No. L

Connector No.	M104
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	MS06FW-CS



Terminal No.	25	Color of Wire	W	Signal Name [Specification]	UPWARD
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Connector No.	M115
Connector Name	CIRCUIT BREAKER
Connector Type	MS2FW-P-LC



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

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MS07EF-LC



Terminal No.	1	Color of Wire	W	Signal Name [Specification]	BAT (F/L)
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JCMWM3207G

POWER SUPPLY ROUTING CIRCUIT

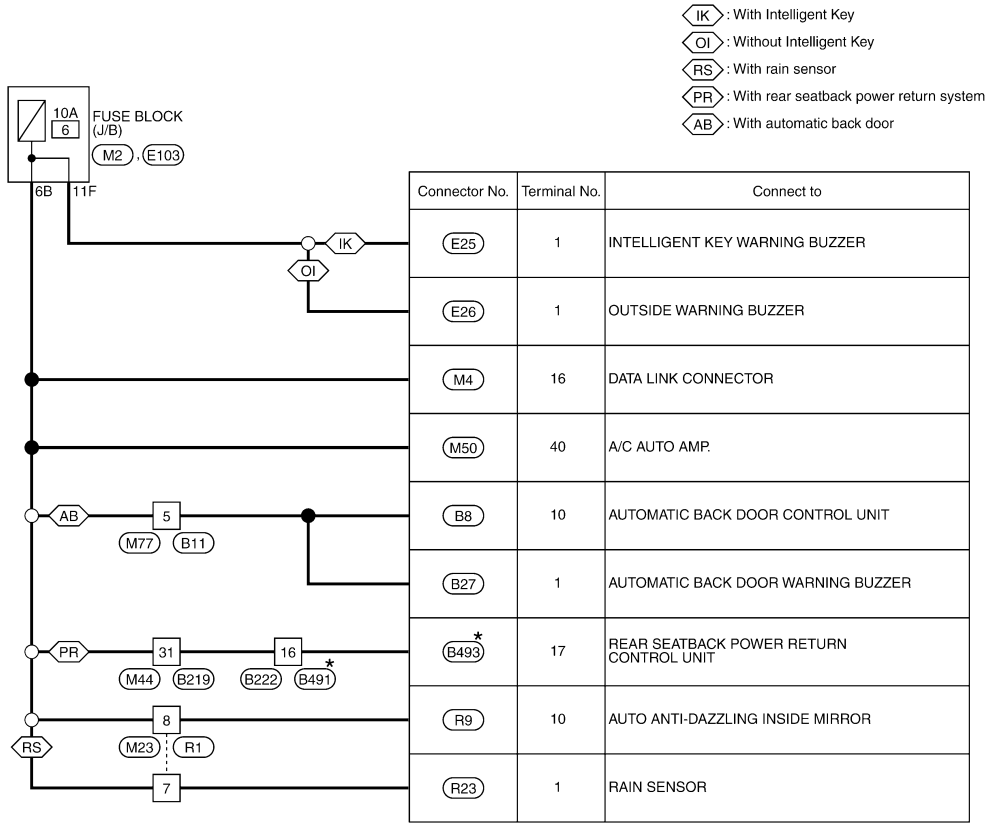
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[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

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BATTERY POWER SUPPLY FUSE No. 6



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

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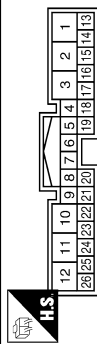
POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY&GROUND CIRCUIT]

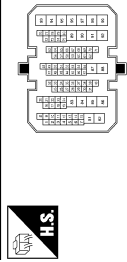
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	B8
Connector Name	AUTOMATIC BACK DOOR CONTROL UNIT
Connector Type	TH20FW-TB6



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

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



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

Connector No.	B27
Connector Name	AUTOMATIC BACK DOOR WARNING BUZZER
Connector Type	RK02FBR



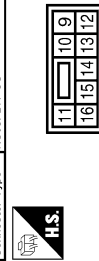
Terminal No.	1	SB	
Color of Wire			
Signal Name [Specification]			

Connector No.	B219
Connector Name	WIRE TO WIRE
Connector Type	TH32MM-NH



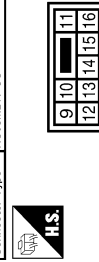
Terminal No.	31	V	
Color of Wire			
Signal Name [Specification]			

Connector No.	B222
Connector Name	WIRE TO WIRE
Connector Type	NS08FBR-CS



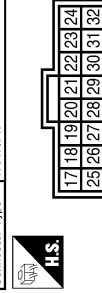
Terminal No.	16	V	
Color of Wire			
Signal Name [Specification]			

Connector No.	B491
Connector Name	WIRE TO WIRE
Connector Type	NS08MR-CS



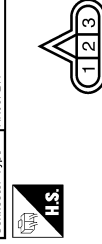
Terminal No.	16	R	
Color of Wire			
Signal Name [Specification]			

Connector No.	B483
Connector Name	REAR SEATBACK POWER RETURN CONTROL UNIT
Connector Type	YAA18FW



Terminal No.	17	R	BAT SIG
Color of Wire			
Signal Name [Specification]			

Connector No.	E25
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FBR



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

JCMWM3209G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

Connector No. E26	OUTSIDE WARNING BUZZER	Connector No. E103	FUSE BLOCK (J/B)	Connector No. M2	FUSE BLOCK (J/B)	Connector No. M4	DATA LINK CONNECTOR
Connector Name RKQ3EB		Connector Name NS16FW-CS		Connector Name NS10FW-CS		Connector Name BD16FW	
Connector Type H.S.		Connector Type H.S.		Connector Type H.S.		Connector Type H.S.	
Terminal No. 1	Color of Wire G	Terminal No. 11F	Color of Wire G	Terminal No. 8B	Color of Wire Y	Terminal No. 16	Color of Wire Y
	Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]

Connector No. M23	WIRE TO WIRE	Connector No. M44	WIRE TO WIRE	Connector No. M50	A/C AUTO AMP.	Connector No. M77	WIRE TO WIRE
Connector Name TH16MW-NH		Connector Name TH432FW-NH		Connector Name SAB40FW		Connector Name TH80FW-CS19	
Connector Type H.S.		Connector Type H.S.		Connector Type H.S.		Connector Type H.S.	
Terminal No. 7	Color of Wire Y	Terminal No. 31	Color of Wire Y	Terminal No. 40	Color of Wire Y	Terminal No. 5	Color of Wire Y
	Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]

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JCMWM3210G1

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH16FW-NH



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

Connector No.	R9
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



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

Connector No.	R23
Connector Name	RAIN SENSOR
Connector Type	AAE30FB



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

JCMWM3211GI

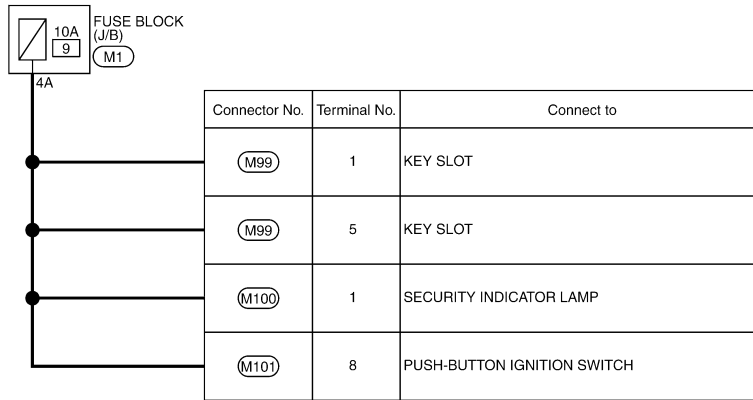
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

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JCMWM3212GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 9

Connector No.	M1	Connector No.	M100	Connector No.	M99	Connector No.	M101
Connector Name	FUSE BLOCK (J/B)	Connector Name	SECURITY INDICATOR LAMP	Connector Name	KEY SLOT	Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	NS06FW-M2	Connector Type	TK02FBR	Connector Type	TH12FW-NH	Connector Type	TK08FBR

Terminal No.	4A	Terminal No.	1	Terminal No.	5	Terminal No.	8
Color of Wire	GR	Color of Wire	GR	Color of Wire	GR	Color of Wire	GR
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	BAT ILL BAT	Signal Name [Specification]	-

Terminal No.	3A	Terminal No.	1	Terminal No.	1	Terminal No.	1
Terminal No.	2A	Terminal No.	2	Terminal No.	2	Terminal No.	2
Terminal No.	1A	Terminal No.	3	Terminal No.	3	Terminal No.	3
Terminal No.	8A	Terminal No.	4	Terminal No.	4	Terminal No.	4
Terminal No.	7A	Terminal No.	5	Terminal No.	5	Terminal No.	5
Terminal No.	6A	Terminal No.	6	Terminal No.	6	Terminal No.	6
Terminal No.	5A	Terminal No.	7	Terminal No.	7	Terminal No.	7
Terminal No.	4A	Terminal No.	8	Terminal No.	8	Terminal No.	8

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -

NOTE:

JCMWM3213G
 INFOID:000000003375815

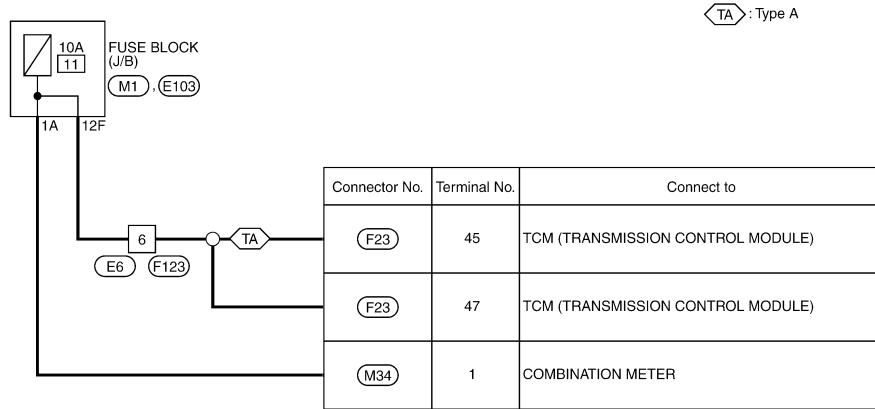
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Type A: Up to VIN: JN8AZ18U*9W100000, JN8AZ18W*9W200000 (EXCEPT FOR MEXICO), JN8AZ18U*9W710000, JN8AZ18W*9W810000 (FOR MEXICO)

BATTERY POWER SUPPLY FUSE No. 11



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JCMWM3214G



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



Terminal No.	6	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS


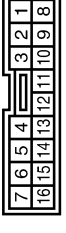
Terminal No.	12F	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	F23
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	RH40FB-R2B-L-RH



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.	FI23
Connector Name	WIRE TO WIRE
Connector Type	TK16FGY-TV



Terminal No.	6	Color of Wire	L/R	Signal Name [Specification]	-
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2

Terminal No.	1A	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH

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

< COMPONENT DIAGNOSIS >

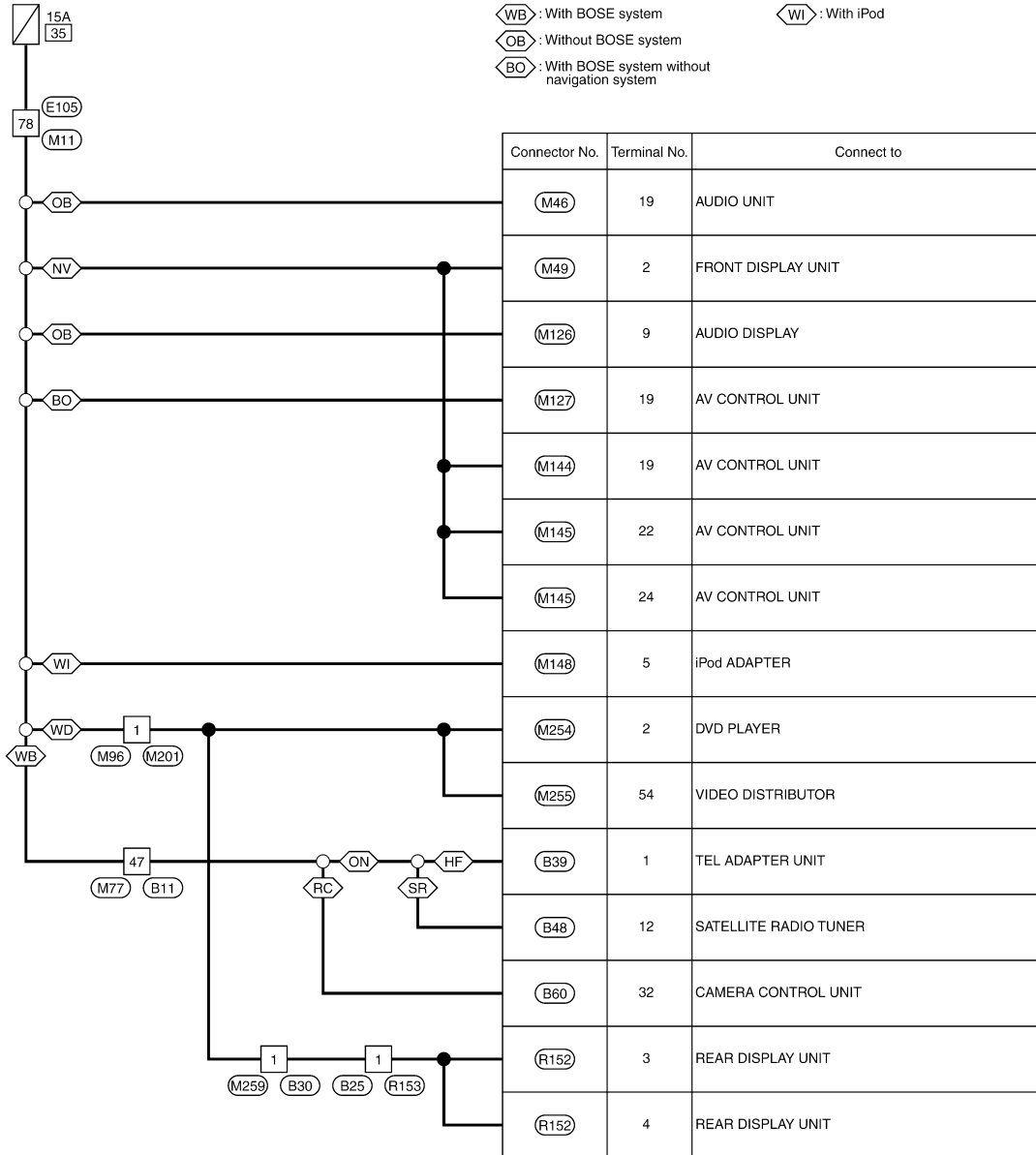
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 35 -

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BATTERY POWER SUPPLY FUSE No. 35

- ⬡SR⬢ : With satellite radio
- ⬡NV⬢ : With navigation system
- ⬡ON⬢ : Without navigation system
- ⬡WB⬢ : With BOSE system
- ⬡OB⬢ : Without BOSE system
- ⬡BO⬢ : With BOSE system without navigation system
- ⬡WD⬢ : With DVD player
- ⬡HF⬢ : With telephone
- ⬡RC⬢ : With rear view camera
- ⬡WI⬢ : With iPod



2008/09/23

JCMWM3216GI

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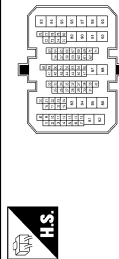
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 35

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



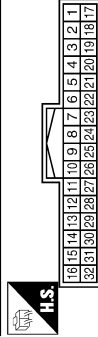
Terminal No.	47	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	B25
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



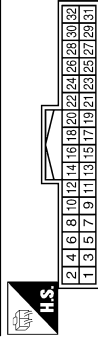
Terminal No.	1	Color of Wire	SB	Signal Name [Specification]	-
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Connector No.	B30
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH



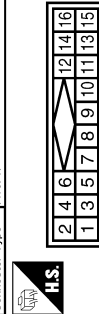
Terminal No.	1	Color of Wire	SB	Signal Name [Specification]	-
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Connector No.	B39
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



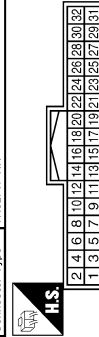
Terminal No.	1	Color of Wire	V	Signal Name [Specification]	BATTERY
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Connector No.	B48
Connector Name	SATELLITE RADIO TUNER
Connector Type	A18FW



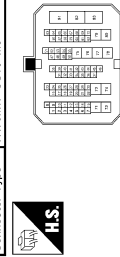
Terminal No.	12	Color of Wire	V	Signal Name [Specification]	BATTERY
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Connector No.	B60
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32FW-NH



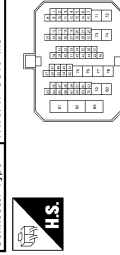
Terminal No.	32	Color of Wire	V	Signal Name [Specification]	BATTERY
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Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CS10-M3



Terminal No.	78	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



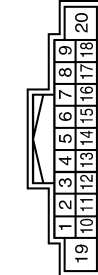
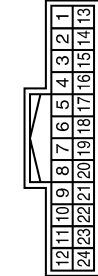
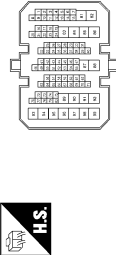
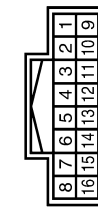
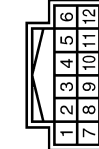
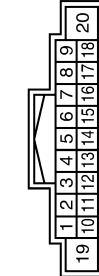
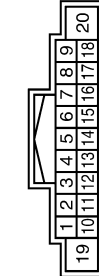
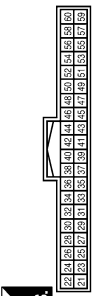
Terminal No.	78	Color of Wire	Y	Signal Name [Specification]	-
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 35

<table border="1"> <tr><td>Connector No.</td><td>M46</td></tr> <tr><td>Connector Name</td><td>AUDIO UNIT</td></tr> <tr><td>Connector Type</td><td>TH18FW-CS2</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>19</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>BATTERY</td></tr> </table>	Connector No.	M46	Connector Name	AUDIO UNIT	Connector Type	TH18FW-CS2	Terminal No.	19	Color of Wire	Y	Signal Name [Specification]	BATTERY	<table border="1"> <tr><td>Connector No.</td><td>M49</td></tr> <tr><td>Connector Name</td><td>FRONT DISPLAY UNIT</td></tr> <tr><td>Connector Type</td><td>TH24FW-NH</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>2</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>BATTERY(With navigation system)</td></tr> </table>	Connector No.	M49	Connector Name	FRONT DISPLAY UNIT	Connector Type	TH24FW-NH	Terminal No.	2	Color of Wire	Y	Signal Name [Specification]	BATTERY(With navigation system)	<table border="1"> <tr><td>Connector No.</td><td>M77</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH8FW-CS19</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>47</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Connector No.	M77	Connector Name	WIRE TO WIRE	Connector Type	TH8FW-CS19	Terminal No.	47	Color of Wire	Y	Signal Name [Specification]	-	<table border="1"> <tr><td>Connector No.</td><td>M86</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH18FW-NH</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Connector No.	M86	Connector Name	WIRE TO WIRE	Connector Type	TH18FW-NH	Terminal No.	1	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]	BATTERY																																																		
Connector No.	M49																																																		
Connector Name	FRONT DISPLAY UNIT																																																		
Connector Type	TH24FW-NH																																																		
Terminal No.	2																																																		
Color of Wire	Y																																																		
Signal Name [Specification]	BATTERY(With navigation system)																																																		
Connector No.	M77																																																		
Connector Name	WIRE TO WIRE																																																		
Connector Type	TH8FW-CS19																																																		
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Color of Wire	Y																																																		
Signal Name [Specification]	-																																																		
Connector No.	M86																																																		
Connector Name	WIRE TO WIRE																																																		
Connector Type	TH18FW-NH																																																		
Terminal No.	1																																																		
Color of Wire	Y																																																		
Signal Name [Specification]	-																																																		
<table border="1"> <tr><td>Connector No.</td><td>M126</td></tr> <tr><td>Connector Name</td><td>AUDIO DISPLAY</td></tr> <tr><td>Connector Type</td><td>TH12FW-NH</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>9</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>+B</td></tr> </table>	Connector No.	M126	Connector Name	AUDIO DISPLAY	Connector Type	TH12FW-NH	Terminal No.	9	Color of Wire	Y	Signal Name [Specification]	+B	<table border="1"> <tr><td>Connector No.</td><td>M127</td></tr> <tr><td>Connector Name</td><td>AV CONTROL UNIT (WITH BOSE SYSTEM WITHOUT NAVIGATION SYSTEM)</td></tr> <tr><td>Connector Type</td><td>TH18FW-CS2</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>19</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>BATTERY</td></tr> </table>	Connector No.	M127	Connector Name	AV CONTROL UNIT (WITH BOSE SYSTEM WITHOUT NAVIGATION SYSTEM)	Connector Type	TH18FW-CS2	Terminal No.	19	Color of Wire	Y	Signal Name [Specification]	BATTERY	<table border="1"> <tr><td>Connector No.</td><td>M144</td></tr> <tr><td>Connector Name</td><td>AV CONTROL UNIT (WITH NAVIGATION SYSTEM)</td></tr> <tr><td>Connector Type</td><td>TH18FW-CS2</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>19</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>BATTERY</td></tr> </table>	Connector No.	M144	Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM)	Connector Type	TH18FW-CS2	Terminal No.	19	Color of Wire	Y	Signal Name [Specification]	BATTERY	<table border="1"> <tr><td>Connector No.</td><td>M145</td></tr> <tr><td>Connector Name</td><td>AV CONTROL UNIT (WITH NAVIGATION SYSTEM)</td></tr> <tr><td>Connector Type</td><td>TH40FW-NH</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>22</td></tr> <tr><td>Color of Wire</td><td>Y</td></tr> <tr><td>Signal Name [Specification]</td><td>BATTERY</td></tr> </table>	Connector No.	M145	Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM)	Connector Type	TH40FW-NH	Terminal No.	22	Color of Wire	Y	Signal Name [Specification]	BATTERY
Connector No.	M126																																																		
Connector Name	AUDIO DISPLAY																																																		
Connector Type	TH12FW-NH																																																		
Terminal No.	9																																																		
Color of Wire	Y																																																		
Signal Name [Specification]	+B																																																		
Connector No.	M127																																																		
Connector Name	AV CONTROL UNIT (WITH BOSE SYSTEM WITHOUT NAVIGATION SYSTEM)																																																		
Connector Type	TH18FW-CS2																																																		
Terminal No.	19																																																		
Color of Wire	Y																																																		
Signal Name [Specification]	BATTERY																																																		
Connector No.	M144																																																		
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM)																																																		
Connector Type	TH18FW-CS2																																																		
Terminal No.	19																																																		
Color of Wire	Y																																																		
Signal Name [Specification]	BATTERY																																																		
Connector No.	M145																																																		
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM)																																																		
Connector Type	TH40FW-NH																																																		
Terminal No.	22																																																		
Color of Wire	Y																																																		
Signal Name [Specification]	BATTERY																																																		

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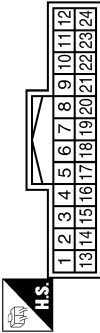
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 35

Connector No.	M148
Connector Name	iPod ADAPTER
Connector Type	TH24FW-NH



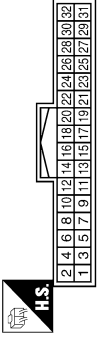
Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	BATTERY
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Connector No.	M201
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH



Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M254
Connector Name	DVD PLAYER
Connector Type	TH32FW-NH



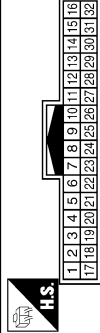
Terminal No.	2	Color of Wire	Y	Signal Name [Specification]	BATTERY
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Connector No.	M255
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH08FW-NH



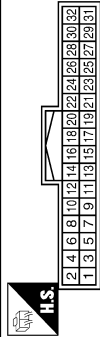
Terminal No.	54	Color of Wire	Y	Signal Name [Specification]	BATTERY
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Connector No.	M259
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



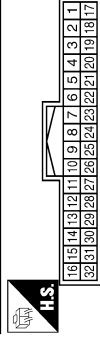
Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	R152
Connector Name	REAR DISPLAY UNIT
Connector Type	TH32FW-NH



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

Connector No.	R153
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH



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

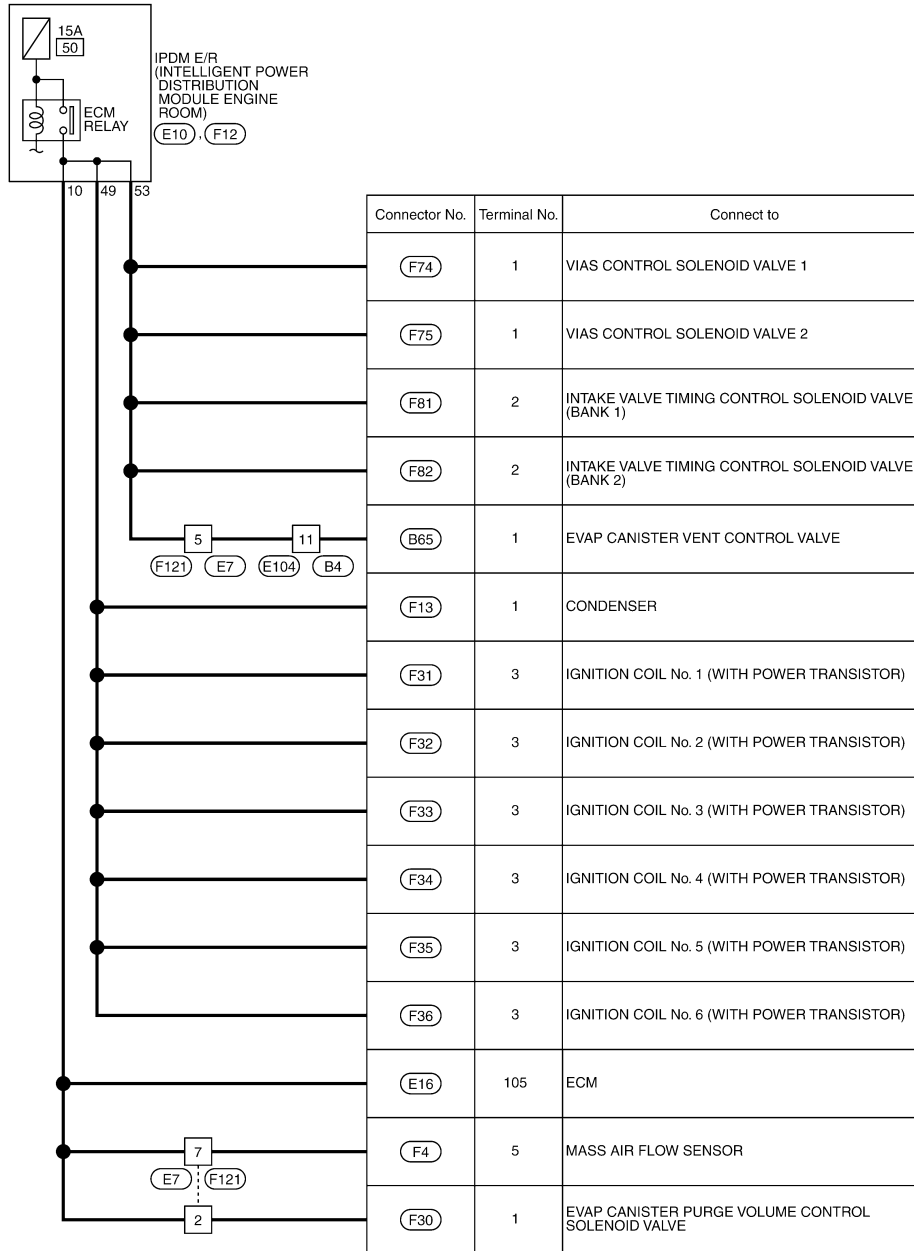
[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE No. 50



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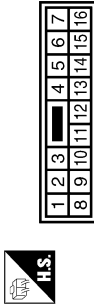
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

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



Terminal No.	11	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	B65
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	EQ2FB-RS



Terminal No.	1	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	E7
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



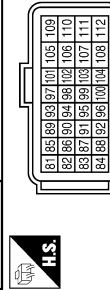
Terminal No.	2	Color of Wire	L	Signal Name [Specification]	-
	5	Color of Wire	R	Signal Name [Specification]	-
	7	Color of Wire	O	Signal Name [Specification]	-

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



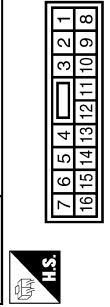
Terminal No.	10	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	E16
Connector Name	ECM
Connector Type	RH24FB-RZ8-L-LH



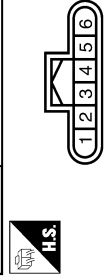
Terminal No.	105	Color of Wire	V	Signal Name [Specification]	VBR
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Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



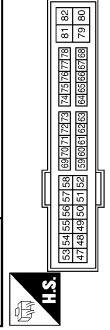
Terminal No.	11	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	F4
Connector Name	MASS AIR FLOW SENSOR
Connector Type	RH06FB



Terminal No.	5	Color of Wire	R/G	Signal Name [Specification]	-
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Connector No.	F12
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



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

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 50

Connector No.	F13
Connector Name	CONDENSER
Connector Type	MM2FW-GY-LC



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

Connector No.	F30
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOL ENOID VALVE
Connector Type	E02EL-RS-LGY



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

Connector No.	F31
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



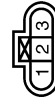
Terminal No.	3	R/B	Signal Name [Specification]
			-

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



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

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



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

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



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

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



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

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



Terminal No.	3	R/B	Signal Name [Specification]
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JCMWM3222GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 50

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



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

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



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

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



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

Connector No.	F82
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	E02FG-RS-LGY



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

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



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

JCMWM3223G

POWER SUPPLY ROUTING CIRCUIT




< COMPONENT DIAGNOSIS >

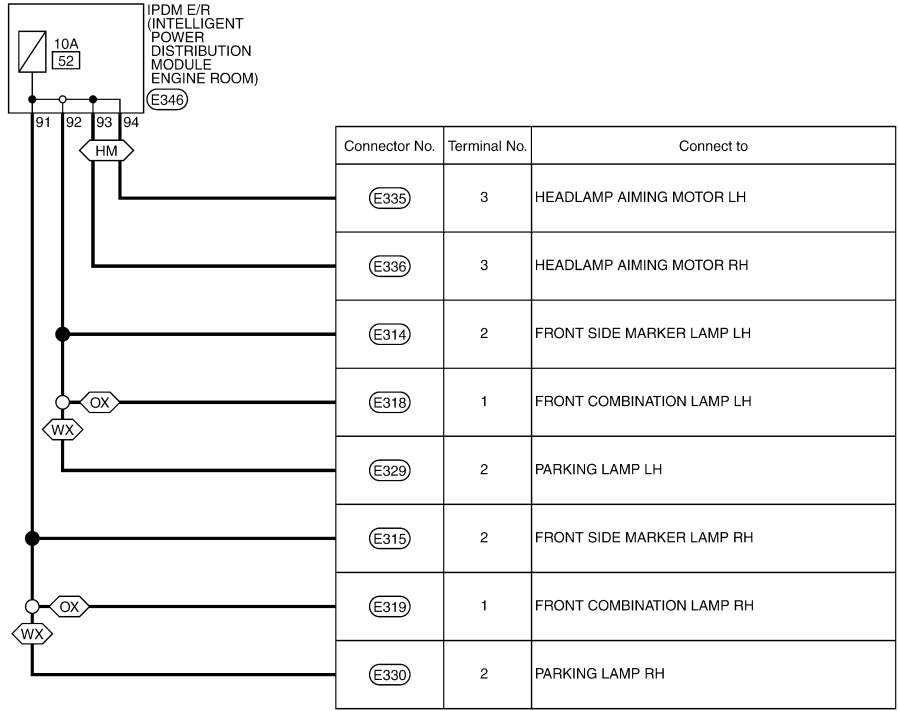
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 52 -

INFOID:000000003591525

BATTERY POWER SUPPLY FUSE No. 52

-  : With xenon headlamp
-  : Without xenon headlamp
-  : With headlamp manual aiming



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2008/09/23

JCMWM3224GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 52

Connector No.	E314
Connector Name	FRONT SIDE MARKER LAMP LH
Connector Type	RK02FGY



Terminal No.	2	Color of Wire	LG	Signal Name [Specification]	-
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Connector No.	E315
Connector Name	FRONT SIDE MARKER LAMP RH
Connector Type	RK02FGY



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E318
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	Z03FBR



Terminal No.	1	Color of Wire	LG	Signal Name [Specification]	-
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Connector No.	E319
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	Z03FBR



Terminal No.	1	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E329
Connector Name	PARKING LAMP LH
Connector Type	RK02FGY



Terminal No.	2	Color of Wire	LG	Signal Name [Specification]	-
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Connector No.	E330
Connector Name	PARKING LAMP RH
Connector Type	RK02FGY



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E335
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



Terminal No.	3	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	E338
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS03FGY



Terminal No.	3	Color of Wire	R	Signal Name [Specification]	-
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JCMWM3225G

POWER SUPPLY ROUTING CIRCUIT

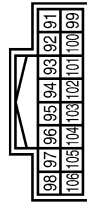
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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BATTERY POWER SUPPLY FUSE No. 52

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	R	-
92	LG	-
93	R	-
94	L	-

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JCMWM3226G1

POWER SUPPLY ROUTING CIRCUIT

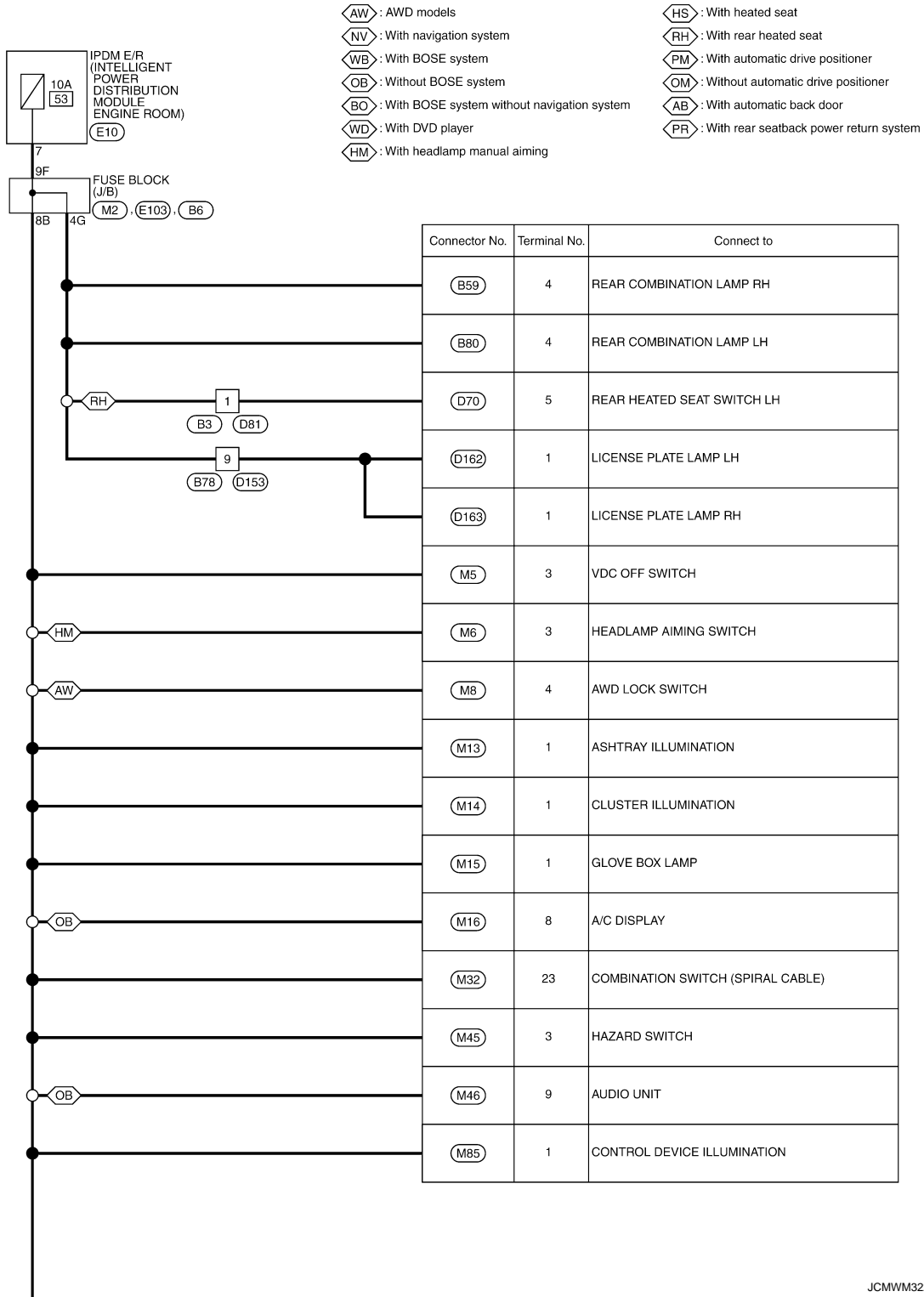
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000003591526

BATTERY POWER SUPPLY FUSE No. 53

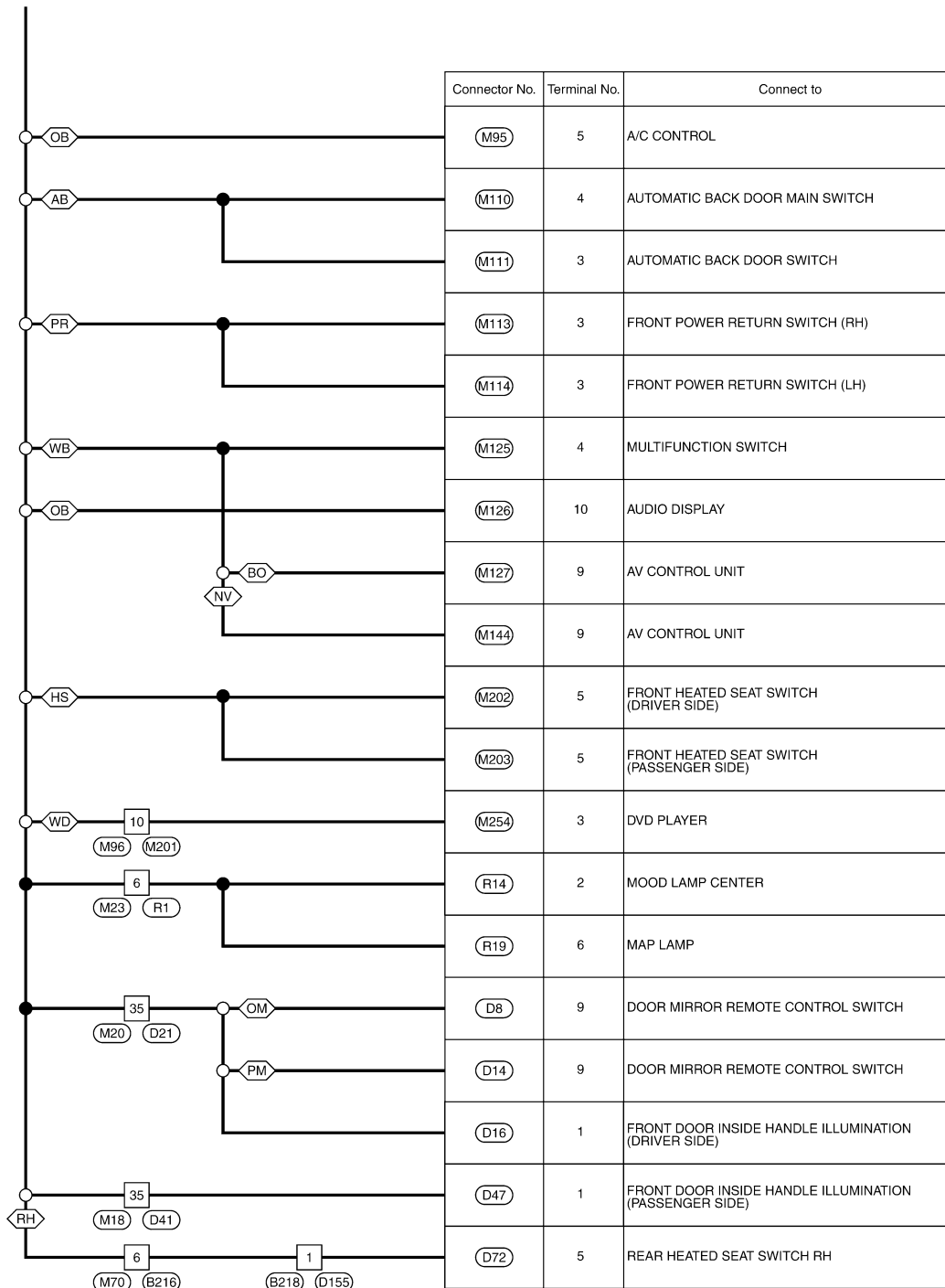


JCMWM3227G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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2008/09/23

JCMWM3228GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No. B3	WIRE TO WIRE	TK10FW-NS8		<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>L</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	1	L	-	Color of Wire				Signal Name [Specification]			
Terminal No.	1	L	-													
Color of Wire																
Signal Name [Specification]																
Connector No. B6	FUSE BLOCK (J/B)	NS1ZFBR-CS		<table border="1"> <tr><td>Terminal No.</td><td>4G</td><td>L</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	4G	L	-	Color of Wire				Signal Name [Specification]			
Terminal No.	4G	L	-													
Color of Wire																
Signal Name [Specification]																
Connector No. B59	REAR COMBINATION LAMP RH	NS2AMW-CS		<table border="1"> <tr><td>Terminal No.</td><td>4</td><td>L</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	4	L	-	Color of Wire				Signal Name [Specification]			
Terminal No.	4	L	-													
Color of Wire																
Signal Name [Specification]																
Connector No. B78	WIRE TO WIRE	NS16MW-CS		<table border="1"> <tr><td>Terminal No.</td><td>9</td><td>L</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	9	L	-	Color of Wire				Signal Name [Specification]			
Terminal No.	9	L	-													
Color of Wire																
Signal Name [Specification]																
Connector No. B80	REAR COMBINATION LAMP LH	NS2AMW-CS		<table border="1"> <tr><td>Terminal No.</td><td>4</td><td>L</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	4	L	-	Color of Wire				Signal Name [Specification]			
Terminal No.	4	L	-													
Color of Wire																
Signal Name [Specification]																
Connector No. B218	WIRE TO WIRE	TK10FW-NS8		<table border="1"> <tr><td>Terminal No.</td><td>1</td><td>W</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	1	W	-	Color of Wire				Signal Name [Specification]			
Terminal No.	1	W	-													
Color of Wire																
Signal Name [Specification]																
Connector No. D8	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)	TK16FW		<table border="1"> <tr><td>Terminal No.</td><td>9</td><td>L</td><td>-</td></tr> <tr><td>Color of Wire</td><td></td><td></td><td></td></tr> <tr><td>Signal Name [Specification]</td><td></td><td></td><td></td></tr> </table>	Terminal No.	9	L	-	Color of Wire				Signal Name [Specification]			
Terminal No.	9	L	-													
Color of Wire																
Signal Name [Specification]																






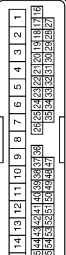

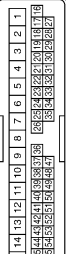








JCMWM3229G

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

BATTERY POWER SUPPLY FUSE No. 53

<table border="1"> <tr><td>Connector No.</td><td>D14</td></tr> <tr><td>Connector Name</td><td>DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)</td></tr> <tr><td>Connector Type</td><td>TK10FBR</td></tr> </table>  	Connector No.	D14	Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)	Connector Type	TK10FBR	<table border="1"> <tr><td>Terminal No.</td><td>9</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	9	Color of Wire	L	Signal Name [Specification]	-
Connector No.	D14												
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITH AUTOMATIC DRIVE POSITIONER)												
Connector Type	TK10FBR												
Terminal No.	9												
Color of Wire	L												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D16</td></tr> <tr><td>Connector Name</td><td>FRONT DOOR INSIDE HANDLE ILLUMINATION (DRIVER SIDE)</td></tr> <tr><td>Connector Type</td><td>TK02FGY</td></tr> </table>  	Connector No.	D16	Connector Name	FRONT DOOR INSIDE HANDLE ILLUMINATION (DRIVER SIDE)	Connector Type	TK02FGY	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1	Color of Wire	L	Signal Name [Specification]	-
Connector No.	D16												
Connector Name	FRONT DOOR INSIDE HANDLE ILLUMINATION (DRIVER SIDE)												
Connector Type	TK02FGY												
Terminal No.	1												
Color of Wire	L												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D21</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH40FW-CS15</td></tr> </table>  	Connector No.	D21	Connector Name	WIRE TO WIRE	Connector Type	TH40FW-CS15	<table border="1"> <tr><td>Terminal No.</td><td>35</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	35	Color of Wire	L	Signal Name [Specification]	-
Connector No.	D21												
Connector Name	WIRE TO WIRE												
Connector Type	TH40FW-CS15												
Terminal No.	35												
Color of Wire	L												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D41</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH40FW-CS15</td></tr> </table>  	Connector No.	D41	Connector Name	WIRE TO WIRE	Connector Type	TH40FW-CS15	<table border="1"> <tr><td>Terminal No.</td><td>35</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	35	Color of Wire	L	Signal Name [Specification]	-
Connector No.	D41												
Connector Name	WIRE TO WIRE												
Connector Type	TH40FW-CS15												
Terminal No.	35												
Color of Wire	L												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D47</td></tr> <tr><td>Connector Name</td><td>FRONT DOOR INSIDE HANDLE ILLUMINATION (PASSENGER SIDE)</td></tr> <tr><td>Connector Type</td><td>TK02FGY</td></tr> </table>  	Connector No.	D47	Connector Name	FRONT DOOR INSIDE HANDLE ILLUMINATION (PASSENGER SIDE)	Connector Type	TK02FGY	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>L</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1	Color of Wire	L	Signal Name [Specification]	-
Connector No.	D47												
Connector Name	FRONT DOOR INSIDE HANDLE ILLUMINATION (PASSENGER SIDE)												
Connector Type	TK02FGY												
Terminal No.	1												
Color of Wire	L												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D70</td></tr> <tr><td>Connector Name</td><td>REAR HEATED SEAT SWITCH LH</td></tr> <tr><td>Connector Type</td><td>NS00FW-CS</td></tr> </table>  	Connector No.	D70	Connector Name	REAR HEATED SEAT SWITCH LH	Connector Type	NS00FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>5</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	5	Color of Wire	W	Signal Name [Specification]	-
Connector No.	D70												
Connector Name	REAR HEATED SEAT SWITCH LH												
Connector Type	NS00FW-CS												
Terminal No.	5												
Color of Wire	W												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D72</td></tr> <tr><td>Connector Name</td><td>REAR HEATED SEAT SWITCH RH</td></tr> <tr><td>Connector Type</td><td>NS00FBR-CS</td></tr> </table>  	Connector No.	D72	Connector Name	REAR HEATED SEAT SWITCH RH	Connector Type	NS00FBR-CS	<table border="1"> <tr><td>Terminal No.</td><td>5</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	5	Color of Wire	W	Signal Name [Specification]	-
Connector No.	D72												
Connector Name	REAR HEATED SEAT SWITCH RH												
Connector Type	NS00FBR-CS												
Terminal No.	5												
Color of Wire	W												
Signal Name [Specification]	-												
<table border="1"> <tr><td>Connector No.</td><td>D81</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TK10MW-NS8</td></tr> </table>  	Connector No.	D81	Connector Name	WIRE TO WIRE	Connector Type	TK10MW-NS8	<table border="1"> <tr><td>Terminal No.</td><td>1</td></tr> <tr><td>Color of Wire</td><td>W</td></tr> <tr><td>Signal Name [Specification]</td><td>-</td></tr> </table>	Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
Connector No.	D81												
Connector Name	WIRE TO WIRE												
Connector Type	TK10MW-NS8												
Terminal No.	1												
Color of Wire	W												
Signal Name [Specification]	-												

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JCMWM3230GI

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

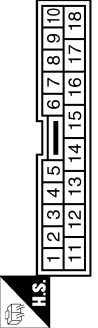
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	D153	Connector No.	D155	Connector No.	D162	Connector No.	D163
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Connector Name	LICENSE PLATE LAMP LH	Connector Name	LICENSE PLATE LAMP RH
Connector Type	NS16FW-CS	Connector Type	TK10MW-NSS	Connector Type	TKG2FBR	Connector Type	TKG2FBR

Terminal No.	9	Terminal No.	1	Terminal No.	1	Terminal No.	1
Color of Wire	L	Color of Wire	W	Color of Wire	L	Color of Wire	L
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

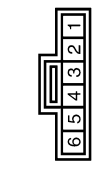
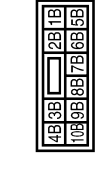
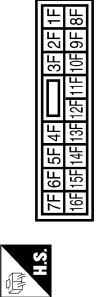
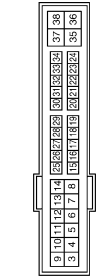
Terminal No.	7	Terminal No.	9F	Terminal No.	8B	Terminal No.	3
Color of Wire	GR	Color of Wire	GR	Color of Wire	R	Color of Wire	R
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	



Connector No.	E10	Connector No.	E103	Connector No.	M2	Connector No.	M5
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Name	FUSE BLOCK (J/B)	Connector Name	FUSE BLOCK (J/B)	Connector Name	VDC OFF SWITCH
Connector Type	TH20FW-CS12-M4-TV	Connector Type	NS16FW-CS	Connector Type	NS10FW-CS	Connector Type	TK08FGY

Terminal No.	9	Terminal No.	1	Terminal No.	1	Terminal No.	1
Color of Wire	L	Color of Wire	W	Color of Wire	L	Color of Wire	L
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	

Terminal No.	7	Terminal No.	9F	Terminal No.	8B	Terminal No.	3
Color of Wire	GR	Color of Wire	GR	Color of Wire	R	Color of Wire	R
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	








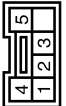





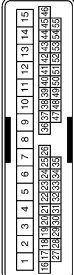
JCMWM3231G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M6	Connector No.	M13	Connector No.	M8	Connector No.	M14	Connector No.	M15	Connector No.	M20
Connector Name	HEADLAMP AIMING SWITCH	Connector Name	ASHTRAY ILLUMINATION	Connector Name	A/D LOCK SWITCH	Connector Name	CLUSTER ILLUMINATION	Connector Name	GLOVE BOX LAMP	Connector Name	WIRE TO WIRE
Connector Type	A04FW	Connector Type	A02FW	Connector Type	TK03FW-TV	Connector Type	A02FW	Connector Type	A02FW	Connector Type	TH40MW-CS15
											
Terminal No.	3	Terminal No.	1	Terminal No.	4	Terminal No.	1	Terminal No.	1	Terminal No.	35
Color of Wire	R	Color of Wire	R	Color of Wire	R	Color of Wire	R	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No. M23	WIRE TO WIRE	TH16MW-NH		Terminal No. 6	Color of Wire R	Signal Name [Specification] -
Connector No. M46	AUDIO UNIT	TH18FW-CS2		Terminal No. 9	Color of Wire R	Signal Name [Specification] ILLUMINATION
Connector No. M45	HAZARD SWITCH	TK04FW		Terminal No. 3	Color of Wire R	Signal Name [Specification] -
Connector No. M32	COMBINATION SWITCH (SPIRAL CABLE)	TK08FY-EX-TV		Terminal No. 23	Color of Wire R	Signal Name [Specification] -
Connector No. M70	WIRE TO WIRE	NS16FBR-CS		Terminal No. 6	Color of Wire R	Signal Name [Specification] -
Connector No. M85	A/C CONTROL	TH12FW-NH		Terminal No. 5	Color of Wire R	Signal Name [Specification] ILL+
Connector No. M86	CONTROL DEVICE ILLUMINATION	TK02FBR		Terminal No. 1	Color of Wire R	Signal Name [Specification] -
Connector No. M96	WIRE TO WIRE	TH16FW-NH		Terminal No. 10	Color of Wire R	Signal Name [Specification] -


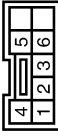









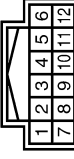

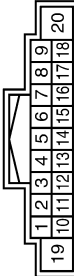

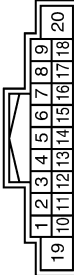
JCMWM3233G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No. M110	Connector Name AUTOMATIC BACK DOOR MAIN SWITCH	Connector Type TK08FW	 	Terminal No. 4	Color of Wire R	Signal Name [Specification] -
Connector No. M111	Connector Name AUTOMATIC BACK DOOR SWITCH	Connector Type TK08FGY	 	Terminal No. 3	Color of Wire R	Signal Name [Specification] -
Connector No. M113	Connector Name FRONT POWER RETURN SWITCH (RH)	Connector Type TK04FW	 	Terminal No. 3	Color of Wire R	Signal Name [Specification] -
Connector No. M114	Connector Name FRONT POWER RETURN SWITCH (LH)	Connector Type TK04FW	 	Terminal No. 3	Color of Wire R	Signal Name [Specification] -
Connector No. M125	Connector Name MULTIFUNCTION SWITCH	Connector Type TH18FW-NH	 	Terminal No. 4	Color of Wire R	Signal Name [Specification] ILL
Connector No. M126	Connector Name AUDIO DISPLAY	Connector Type TH12FW-NH	 	Terminal No. 10	Color of Wire R	Signal Name [Specification] ILL+
Connector No. M127	Connector Name AV CONTROL UNIT (WITH BOSE SYSTEM WITHOUT NAVIGATION SYSTEM)	Connector Type TH18FW-CS2	 	Terminal No. 9	Color of Wire R	Signal Name [Specification] ILLUMINATION
Connector No. M144	Connector Name AV CONTROL UNIT (WITH NAVIGATION SYSTEM)	Connector Type TH18FW-CS2	 	Terminal No. 9	Color of Wire R	Signal Name [Specification] ILLUMINATION

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M201	Connector No.	M202	Connector No.	M203	Connector No.	M254
Connector Name	WIRE TO WIRE	Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE)	Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Name	DVD PLAYER
Connector Type	TH16MW-NH	Connector Type	NS06FW-CS	Connector Type	NS06FB-CS	Connector Type	TH02FW-NH

Terminal No.	10	Terminal No.	5	Terminal No.	5	Terminal No.	3
Color of Wire	R	Color of Wire	R	Color of Wire	R	Color of Wire	R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	ILLUMINATION

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

Connector No.	R1	Connector No.	R14	Connector No.	R19
Connector Name	WIRE TO WIRE	Connector Name	MOOD LAMP CENTER	Connector Name	MAP LAMP
Connector Type	TH16FW-NH	Connector Type	TK02FW	Connector Type	TK08FGY

Terminal No.	6	Terminal No.	2	Terminal No.	6
Color of Wire	R/L	Color of Wire	R/L	Color of Wire	R/L
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-

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POWER SUPPLY ROUTING CIRCUIT

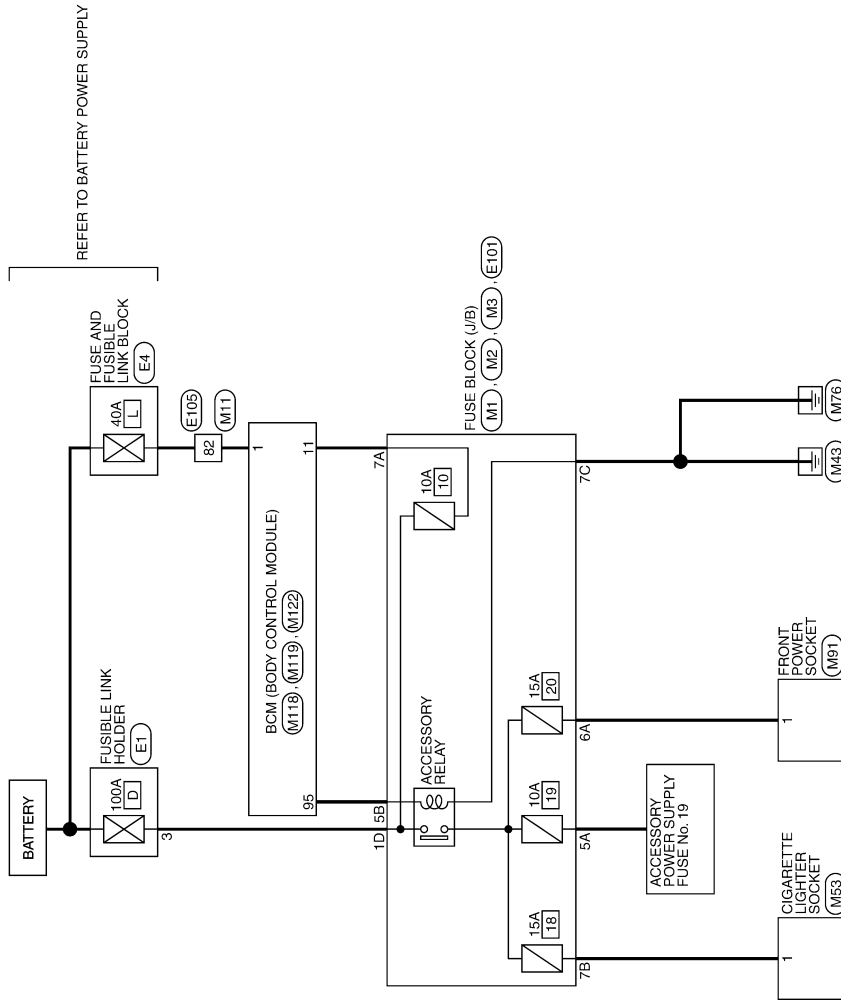
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



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























JCMWM3236G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No. E1	FUSIBLE LINK HOLDER	Connector No. E101	FUSE BLOCK (J/B)	Connector No. E105	WIRE TO WIRE	Connector No. M1	FUSE BLOCK (J/B)	Terminal No. 3	Color of Wire W	Signal Name [Specification]	Terminal No. 1D	Color of Wire W	Signal Name [Specification]	Terminal No. 5A	Color of Wire R	Signal Name [Specification]	Terminal No. 6A	Color of Wire W	Signal Name [Specification]	Terminal No. 7A	Color of Wire LG	Signal Name [Specification]
Connector Type L02FY-1MC	L02FY-1MC	Connector Type L01FW-1MC	L01FW-1MC	Connector Type TH10MW-CS10-M3	TH10MW-CS10-M3	Connector Type NS30FW-M2	NS30FW-M2	3	W	-	1D	W	-	5A	R	-	6A	W	-	7A	LG	-
																						
																						
M2	FUSE BLOCK (J/B)	M3	FUSE BLOCK (J/B)	M11	WIRE TO WIRE	M53	CIGARETTE LIGHTER SOCKET	M2	L	Signal Name [Specification]	M7C	B	Signal Name [Specification]	M5A	R	Signal Name [Specification]	M6A	W	Signal Name [Specification]	M7A	LG	Signal Name [Specification]
NS10FW-CS	NS10FW-CS	NS12FW-CS	NS12FW-CS	TH10FW-CS10-M3	TH10FW-CS10-M3	P02FB-Z	P02FB-Z	M2	L	-	M7C	B	-	M5A	R	-	M6A	W	-	M7A	LG	-
																						
																						








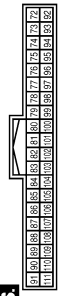
JCMWMM3237G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No.	M91	Connector No.	M118	Connector No.	M119	Connector No.	M122
Connector Name	FRONT POWER SOCKET	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	PGPEZ-Z	Connector Type	M03FB-LC	Connector Type	M03FB-CS	Connector Type	T140FB-NH
							
Terminal No.	1	Terminal No.	1	Terminal No.	11	Terminal No.	95
Color of Wire	W	Color of Wire	W	Color of Wire	LG	Color of Wire	L
Signal Name [Specification]	-	Signal Name [Specification]	BAT (F/L)	Signal Name [Specification]	BAT (FUUSE)	Signal Name [Specification]	ACC RELAY CONT

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

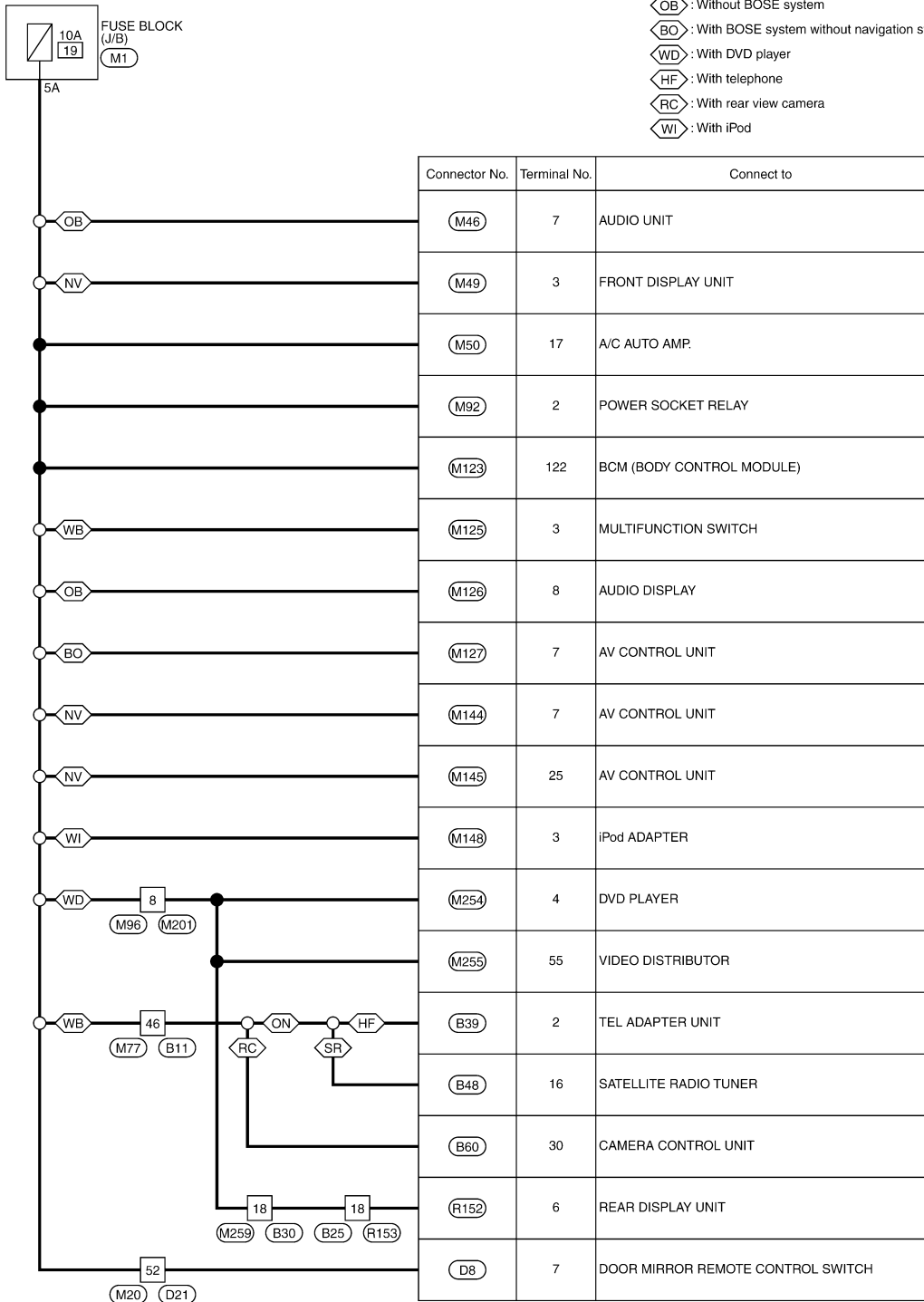
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE No. 19

- ◊SR◊ : With satellite radio
- ◊NV◊ : With navigation system
- ◊ON◊ : Without navigation system
- ◊WB◊ : With BOSE system
- ◊OB◊ : Without BOSE system
- ◊BO◊ : With BOSE system without navigation system
- ◊WD◊ : With DVD player
- ◊HF◊ : With telephone
- ◊RC◊ : With rear view camera
- ◊WI◊ : With iPod



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JCMWM3239G

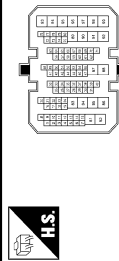
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

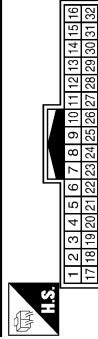
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH30MW-CS.9



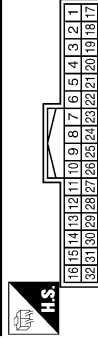
Terminal No.	46	GR	ACC
Color of Wire	GR		
Signal Name [Specification]			

Connector No.	B25
Connector Name	WIRE TO WIRE
Connector Type	TH32MP-NH



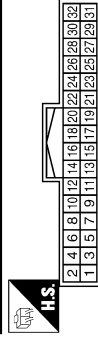
Terminal No.	18	O	
Color of Wire	O		
Signal Name [Specification]			

Connector No.	B30
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH



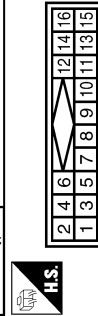
Terminal No.	18	O	
Color of Wire	O		
Signal Name [Specification]			

Connector No.	B39
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



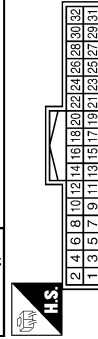
Terminal No.	2	GR	ACC
Color of Wire	GR		
Signal Name [Specification]			

Connector No.	B48
Connector Name	SATELLITE RADIO TUNER
Connector Type	A18FW



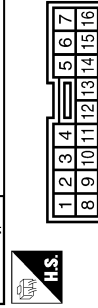
Terminal No.	16	GR	ACC
Color of Wire	GR		
Signal Name [Specification]			

Connector No.	B60
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32FW-NH



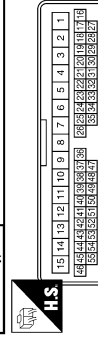
Terminal No.	30	GR	ACC
Color of Wire	GR		
Signal Name [Specification]			

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	TK18FW



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

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



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

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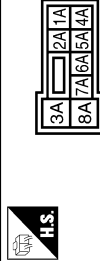
POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY&GROUND CIRCUIT]

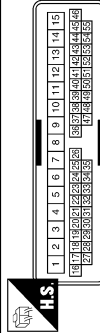
ACCESSORY POWER SUPPLY FUSE No. 19

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



Terminal No.	5A	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	52	Color of Wire	R	Signal Name [Specification]	-[Without automatic drive positioner]
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Connector No.	M46
Connector Name	AUDIO UNIT
Connector Type	TH16FW-CS2



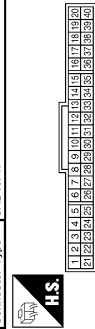
Terminal No.	7	Color of Wire	R	Signal Name [Specification]	ACC
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Connector No.	M49
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24FW-NH



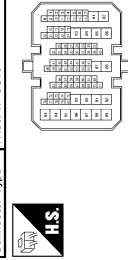
Terminal No.	3	Color of Wire	R	Signal Name [Specification]	ACC[With navigation system]
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Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	SAB40FW



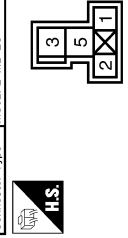
Terminal No.	17	Color of Wire	R	Signal Name [Specification]	ACC
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Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS19



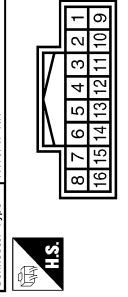
Terminal No.	46	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M92
Connector Name	POWER SOCKET RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M96
Connector Name	WIRE TO WIRE
Connector Type	TH16FW-NH



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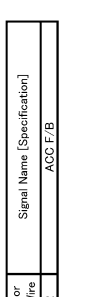
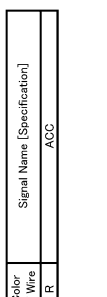
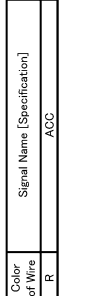
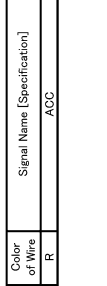
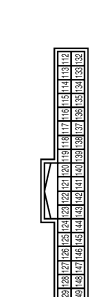
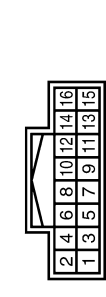
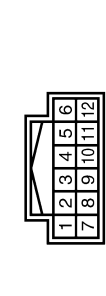
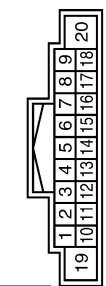
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No. M123	Connector Name BCM BODY CONTROL MODULE)	Connector Type TH4DFG-NH	Terminal No. 122	Color of Wire R	Signal Name [Specification] ACC F/B
Connector No. M125	Connector Name MULTIFUNCTION SWITCH	Connector Type TH18FW-NH	Terminal No. 3	Color of Wire R	Signal Name [Specification] ACC
Connector No. M126	Connector Name AUDIO DISPLAY	Connector Type TH12FW-NH	Terminal No. 8	Color of Wire R	Signal Name [Specification] ACC
Connector No. M127	Connector Name AV CONTROL UNIT (WITH BOSE SYSTEM WITHOUT NAVIGATION SYSTEM)	Connector Type TH18FW-CS2	Terminal No. 7	Color of Wire R	Signal Name [Specification] ACC
Connector No. M144	Connector Name AV CONTROL UNIT (WITH NAVIGATION SYSTEM)	Connector Type TH18FW-CS2	Terminal No. 7	Color of Wire R	Signal Name [Specification] ACC
Connector No. M145	Connector Name AV CONTROL UNIT (WITH NAVIGATION SYSTEM)	Connector Type TH4DFW-NH	Terminal No. 25	Color of Wire R	Signal Name [Specification] ACC
Connector No. M148	Connector Name IP-POD ADAPTER	Connector Type TH12FW-NH	Terminal No. 3	Color of Wire R	Signal Name [Specification] ACC
Connector No. M201	Connector Name WIRE TO WIRE	Connector Type TH16MW-NH	Terminal No. 8	Color of Wire V	Signal Name [Specification] -



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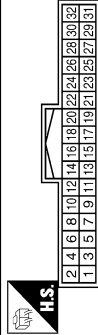
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

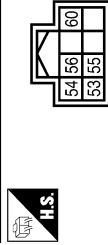
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M254
Connector Name	DVD PLAYER
Connector Type	TH2FW-NH



Terminal No.	4	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M255
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH08FW-NH



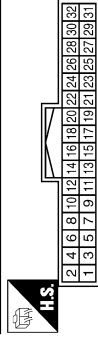
Terminal No.	55	Color of Wire	V	Signal Name [Specification]	ACC
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Connector No.	M259
Connector Name	WIRE TO WIRE
Connector Type	TH2MW-NH



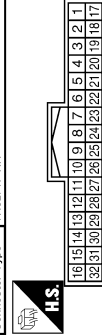
Terminal No.	18	Color of Wire	V	Signal Name [Specification]	-
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Connector No.	R152
Connector Name	REAR DISPLAY UNIT
Connector Type	TH32FW-NH



Terminal No.	6	Color of Wire	V/Y	Signal Name [Specification]	ACC
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Connector No.	R153
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH



Terminal No.	18	Color of Wire	V/Y	Signal Name [Specification]	-
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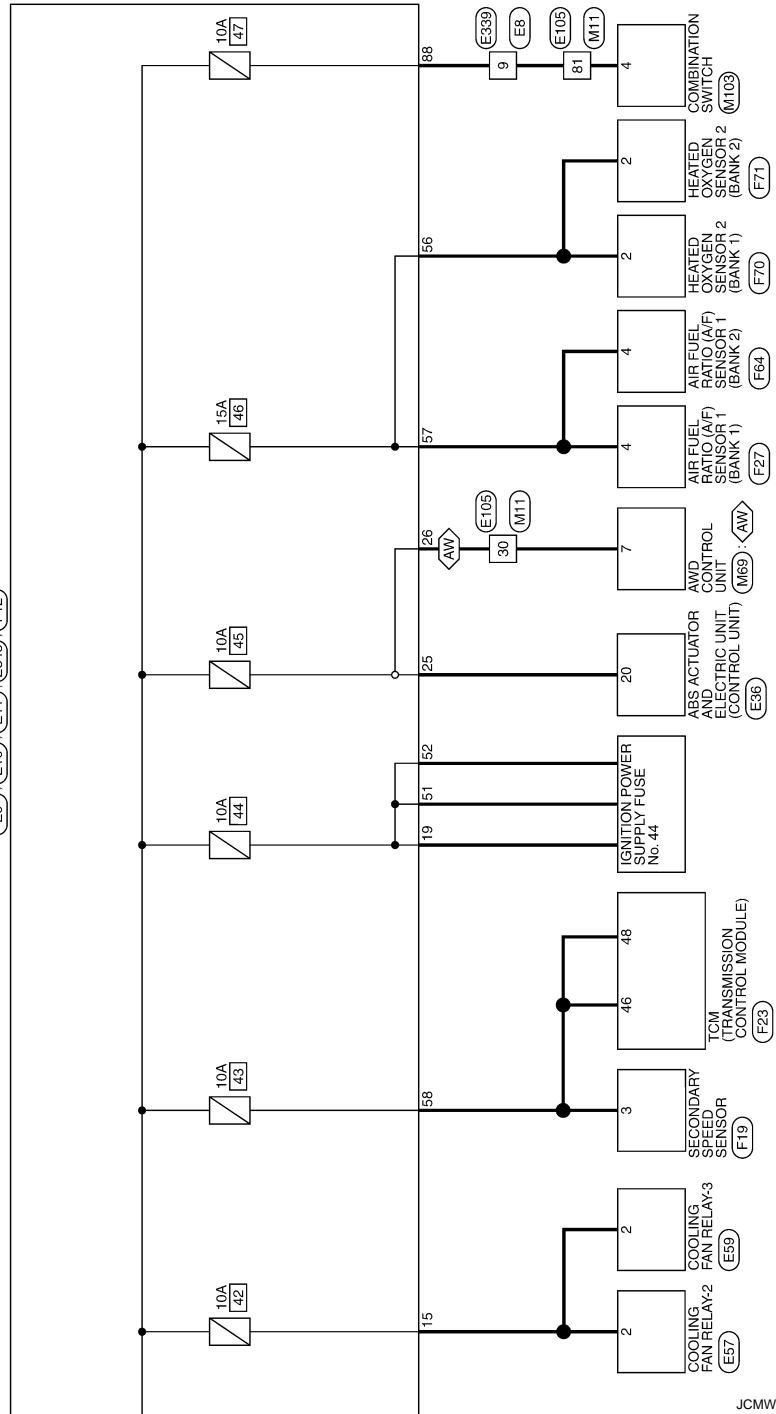
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

AW : AWD models

IPM, E/R
AWD SENT POWER DISTRIBUTION
MODULE (ENGINE ROOM)
(E9) (E10) (E11) (E345) (F12)



JCMWM3246G1

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. B4 WIRE TO WIRE NS16MW-CS	Connector No. B74 CONDENSER P01FB-A	Terminal No. 2 W	Terminal No. 1 Y	Color of Wire W	Color of Wire Y	Signal Name [Specification]	Signal Name [Specification]
Connector No. B6 FUSE BLOCK (J/B) NS17FBR-CS	Connector No. B40 FUEL LEVEL SENSOR UNIT AND FUEL PUMP E05FCY-RS	Terminal No. 2G 10G 11G GR Y Y	Terminal No. 1 W	Color of Wire GR Y Y	Color of Wire W	Signal Name [Specification]	Signal Name [Specification]
Connector No. B209 WIRE TO WIRE TK12MG-Y-BD	Connector No. B215 OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT FH08FW-NH	Terminal No. 2 W	Terminal No. 4 W	Color of Wire W	Color of Wire W	Signal Name [Specification]	Signal Name [Specification]
Connector No. B81 CONDENSER M02FW-LC	Connector No. D3 DOOR MIRROR (DRIVER SIDE) TH2AMV-NH	Terminal No. 1 W	Terminal No. 7 LG	Color of Wire W	Color of Wire LG	Signal Name [Specification]	Signal Name [Specification]






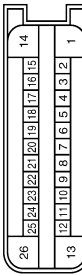

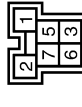








JCMWM3247G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>E11</td></tr> <tr><td>Connector Name</td><td>IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)</td></tr> <tr><td>Connector Type</td><td>TH88FW-N1</td></tr> </table>  	Connector No.	E11	Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	Connector Type	TH88FW-N1	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>39</td><td>P</td><td>-</td></tr> <tr><td>40</td><td>L</td><td>-</td></tr> <tr><td>41</td><td>B</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	39	P	-	40	L	-	41	B	-
Connector No.	E11																		
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)																		
Connector Type	TH88FW-N1																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
39	P	-																	
40	L	-																	
41	B	-																	
<table border="1"> <tr><td>Connector No.</td><td>E12</td></tr> <tr><td>Connector Name</td><td>FRONT WIPER MOTOR</td></tr> <tr><td>Connector Type</td><td>HS05FGY</td></tr> </table>  	Connector No.	E12	Connector Name	FRONT WIPER MOTOR	Connector Type	HS05FGY	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>LG</td><td>-</td></tr> <tr><td>4</td><td>Y</td><td>-</td></tr> <tr><td>5</td><td>L/Y</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	LG	-	4	Y	-	5	L/Y	-
Connector No.	E12																		
Connector Name	FRONT WIPER MOTOR																		
Connector Type	HS05FGY																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
1	LG	-																	
4	Y	-																	
5	L/Y	-																	
<table border="1"> <tr><td>Connector No.</td><td>E36</td></tr> <tr><td>Connector Name</td><td>ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)</td></tr> <tr><td>Connector Type</td><td>AEZ2ZF-B-AJZ4-LH</td></tr> </table>  	Connector No.	E36	Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)	Connector Type	AEZ2ZF-B-AJZ4-LH	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>20</td><td>GR</td><td>IGN</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	20	GR	IGN						
Connector No.	E36																		
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)																		
Connector Type	AEZ2ZF-B-AJZ4-LH																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
20	GR	IGN																	
<table border="1"> <tr><td>Connector No.</td><td>E57</td></tr> <tr><td>Connector Name</td><td>COOLING FAN RELAY-2</td></tr> <tr><td>Connector Type</td><td>M06FBR-R-LC</td></tr> </table>  	Connector No.	E57	Connector Name	COOLING FAN RELAY-2	Connector Type	M06FBR-R-LC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>2</td><td>G</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	2	G	-						
Connector No.	E57																		
Connector Name	COOLING FAN RELAY-2																		
Connector Type	M06FBR-R-LC																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
2	G	-																	
<table border="1"> <tr><td>Connector No.</td><td>E59</td></tr> <tr><td>Connector Name</td><td>COOLING FAN RELAY-3</td></tr> <tr><td>Connector Type</td><td>M06FBR-R-LC</td></tr> </table>  	Connector No.	E59	Connector Name	COOLING FAN RELAY-3	Connector Type	M06FBR-R-LC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>2</td><td>Y</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	2	Y	-						
Connector No.	E59																		
Connector Name	COOLING FAN RELAY-3																		
Connector Type	M06FBR-R-LC																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
2	Y	-																	
<table border="1"> <tr><td>Connector No.</td><td>E101</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>L01FW-MC</td></tr> </table>  	Connector No.	E101	Connector Name	FUSE BLOCK (J/B)	Connector Type	L01FW-MC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>ID</td><td>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	ID	W	-						
Connector No.	E101																		
Connector Name	FUSE BLOCK (J/B)																		
Connector Type	L01FW-MC																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
ID	W	-																	
<table border="1"> <tr><td>Connector No.</td><td>E102</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>M02FE-LC</td></tr> </table>  	Connector No.	E102	Connector Name	FUSE BLOCK (J/B)	Connector Type	M02FE-LC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1E</td><td>G</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1E	G	-						
Connector No.	E102																		
Connector Name	FUSE BLOCK (J/B)																		
Connector Type	M02FE-LC																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
1E	G	-																	
<table border="1"> <tr><td>Connector No.</td><td>E103</td></tr> <tr><td>Connector Name</td><td>FUSE BLOCK (J/B)</td></tr> <tr><td>Connector Type</td><td>NS16FW-CS</td></tr> </table>  	Connector No.	E103	Connector Name	FUSE BLOCK (J/B)	Connector Type	NS16FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>4F</td><td>BR</td><td>-</td></tr> <tr><td>6F</td><td>Y</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	4F	BR	-	6F	Y	-			
Connector No.	E103																		
Connector Name	FUSE BLOCK (J/B)																		
Connector Type	NS16FW-CS																		
Terminal No.	Color of Wire	Signal Name [Specification]																	
4F	BR	-																	
6F	Y	-																	

JCMWMM3249G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. E104	WIRE TO WIRE	NS16FW-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>2</td> <td>SB</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	2	SB	Signal Name [Specification]	-																														
Terminal No.	2	SB	Signal Name [Specification]	-																																			
Connector No. E105	WIRE TO WIRE	TH17DMH-CS10-M3		<table border="1"> <tr> <td>Terminal No.</td> <td>11</td> <td>P</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> <tr> <td>12</td> <td>L</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>20</td> <td>Y</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>29</td> <td>W</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>30</td> <td>Y</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>31</td> <td>W</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>32</td> <td>LG</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Terminal No.	11	P	Signal Name [Specification]	-	12	L	-	-	-	20	Y	-	-	-	29	W	-	-	-	30	Y	-	-	-	31	W	-	-	-	32	LG	-	-	-
Terminal No.	11	P	Signal Name [Specification]	-																																			
12	L	-	-	-																																			
20	Y	-	-	-																																			
29	W	-	-	-																																			
30	Y	-	-	-																																			
31	W	-	-	-																																			
32	LG	-	-	-																																			
Connector No. E339	WIRE TO WIRE	NS12FBR-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>9</td> <td>W</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	9	W	Signal Name [Specification]	-																														
Terminal No.	9	W	Signal Name [Specification]	-																																			
Connector No. E345	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	NS33FW-CS		<table border="1"> <tr> <td>Terminal No.</td> <td>88</td> <td>W</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	88	W	Signal Name [Specification]	-																														
Terminal No.	88	W	Signal Name [Specification]	-																																			
Connector No. F7	ECM	RH24FGY-R28-R-LH		<table border="1"> <tr> <td>Terminal No.</td> <td>14</td> <td>GR</td> <td>Signal Name [Specification]</td> <td>FPR</td> </tr> </table>	Terminal No.	14	GR	Signal Name [Specification]	FPR																														
Terminal No.	14	GR	Signal Name [Specification]	FPR																																			
Connector No. F12	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	TH20FW-CS12-M4		<table border="1"> <tr> <td>Terminal No.</td> <td>48</td> <td>W</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> <tr> <td>51</td> <td>LG</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>52</td> <td>Y/G</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>56</td> <td>R/Y</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>57</td> <td>O</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>58</td> <td>Y</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>77</td> <td>GR</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	Terminal No.	48	W	Signal Name [Specification]	-	51	LG	-	-	-	52	Y/G	-	-	-	56	R/Y	-	-	-	57	O	-	-	-	58	Y	-	-	-	77	GR	-	-	-
Terminal No.	48	W	Signal Name [Specification]	-																																			
51	LG	-	-	-																																			
52	Y/G	-	-	-																																			
56	R/Y	-	-	-																																			
57	O	-	-	-																																			
58	Y	-	-	-																																			
77	GR	-	-	-																																			
Connector No. F18	COMPRESSOR	RH02FB		<table border="1"> <tr> <td>Terminal No.</td> <td>1</td> <td>W</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	1	W	Signal Name [Specification]	-																														
Terminal No.	1	W	Signal Name [Specification]	-																																			
Connector No. F19	SECONDARY SPEED SENSOR	RK03FB		<table border="1"> <tr> <td>Terminal No.</td> <td>3</td> <td>Y</td> <td>Signal Name [Specification]</td> <td>-</td> </tr> </table>	Terminal No.	3	Y	Signal Name [Specification]	-																														
Terminal No.	3	Y	Signal Name [Specification]	-																																			

A
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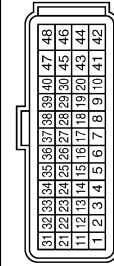
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	F23
Connector Name	TOM (TRANSMISSION CONTROL MODULE)
Connector Type	RH40FB-R28-L-RH



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

Connector No.	F27
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZ04FB



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

Connector No.	F64
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZ04FB



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

Connector No.	F70
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



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

Connector No.	F71
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04FB



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

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



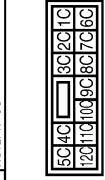
Terminal No.	Color of Wire	Signal Name [Specification]
2A	G	-
3A	Y	-
7A	LG	-
8A	Y	-

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



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

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



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

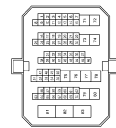
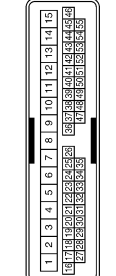
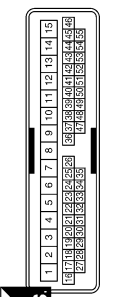
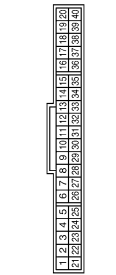
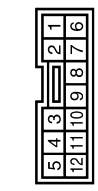
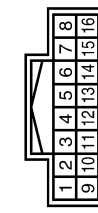
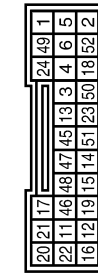
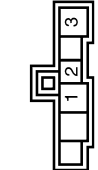
JCMWM3251G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

<table border="1"> <tr><td>Connector No.</td><td>M11</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH7DFW-CS10-M3</td></tr> </table> 	Connector No.	M11	Connector Name	WIRE TO WIRE	Connector Type	TH7DFW-CS10-M3	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>11</td><td>P</td><td>-</td></tr> <tr><td>12</td><td>L</td><td>-</td></tr> <tr><td>20</td><td>Y</td><td>-</td></tr> <tr><td>28</td><td>L</td><td>-</td></tr> <tr><td>30</td><td>R</td><td>-</td></tr> <tr><td>31</td><td>W</td><td>-</td></tr> <tr><td>32</td><td>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	11	P	-	12	L	-	20	Y	-	28	L	-	30	R	-	31	W	-	32	W	-
Connector No.	M11																														
Connector Name	WIRE TO WIRE																														
Connector Type	TH7DFW-CS10-M3																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
11	P	-																													
12	L	-																													
20	Y	-																													
28	L	-																													
30	R	-																													
31	W	-																													
32	W	-																													
<table border="1"> <tr><td>Connector No.</td><td>M18</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH4QMW-CS15</td></tr> </table> 	Connector No.	M18	Connector Name	WIRE TO WIRE	Connector Type	TH4QMW-CS15	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>20</td><td>SB</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	20	SB	-																		
Connector No.	M18																														
Connector Name	WIRE TO WIRE																														
Connector Type	TH4QMW-CS15																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
20	SB	-																													
<table border="1"> <tr><td>Connector No.</td><td>M20</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH4QMW-CS15</td></tr> </table> 	Connector No.	M20	Connector Name	WIRE TO WIRE	Connector Type	TH4QMW-CS15	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>20</td><td>SB</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	20	SB	-																		
Connector No.	M20																														
Connector Name	WIRE TO WIRE																														
Connector Type	TH4QMW-CS15																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
20	SB	-																													
<table border="1"> <tr><td>Connector No.</td><td>M60</td></tr> <tr><td>Connector Name</td><td>A/C AUTO AMP.</td></tr> <tr><td>Connector Type</td><td>SAB60FW</td></tr> </table> 	Connector No.	M60	Connector Name	A/C AUTO AMP.	Connector Type	SAB60FW	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>26</td><td>GR</td><td>RR DEF F/B</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	26	GR	RR DEF F/B																		
Connector No.	M60																														
Connector Name	A/C AUTO AMP.																														
Connector Type	SAB60FW																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
26	GR	RR DEF F/B																													
<table border="1"> <tr><td>Connector No.</td><td>M68</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TK12FG-Y</td></tr> </table> 	Connector No.	M68	Connector Name	WIRE TO WIRE	Connector Type	TK12FG-Y	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>2</td><td>R</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	2	R	-																		
Connector No.	M68																														
Connector Name	WIRE TO WIRE																														
Connector Type	TK12FG-Y																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
2	R	-																													
<table border="1"> <tr><td>Connector No.</td><td>M69</td></tr> <tr><td>Connector Name</td><td>AMD CONTROL UNIT</td></tr> <tr><td>Connector Type</td><td>TH16FW-NH</td></tr> </table> 	Connector No.	M69	Connector Name	AMD CONTROL UNIT	Connector Type	TH16FW-NH	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>7</td><td>R</td><td>IGN</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	7	R	IGN																		
Connector No.	M69																														
Connector Name	AMD CONTROL UNIT																														
Connector Type	TH16FW-NH																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
7	R	IGN																													
<table border="1"> <tr><td>Connector No.</td><td>M73</td></tr> <tr><td>Connector Name</td><td>AIR BAG DIAGNOSIS SENSOR UNIT</td></tr> <tr><td>Connector Type</td><td>TK28FY-EX-SC</td></tr> </table> 	Connector No.	M73	Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT	Connector Type	TK28FY-EX-SC	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>IGN</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	IGN																		
Connector No.	M73																														
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT																														
Connector Type	TK28FY-EX-SC																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
1	R	IGN																													
<table border="1"> <tr><td>Connector No.</td><td>M88</td></tr> <tr><td>Connector Name</td><td>BLOWER MOTOR</td></tr> <tr><td>Connector Type</td><td>NS03FW-M3</td></tr> </table> 	Connector No.	M88	Connector Name	BLOWER MOTOR	Connector Type	NS03FW-M3	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>Y</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	Y	-																		
Connector No.	M88																														
Connector Name	BLOWER MOTOR																														
Connector Type	NS03FW-M3																														
Terminal No.	Color of Wire	Signal Name [Specification]																													
1	Y	-																													

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. M103	Connector Name COMBINATION SWITCH	Connector Type TH16FW-NH	Terminal No. 4	Color of Wire W	Signal Name [Specification] IGN	Terminal No. 47	Color of Wire L	Signal Name [Specification] IGN RELAY JPDM E/R CONT.
Connector No. M118	Connector Name BCM (BODY CONTROL MODULE)	Connector Type M03FB-LC	Terminal No. 1	Color of Wire W	Signal Name [Specification] BAT (F/L)	Terminal No. 11	Color of Wire LG	Signal Name [Specification] BAT (FUSE)
Connector No. M119	Connector Name BCM (BODY CONTROL MODULE)	Connector Type NS16FW-GS	Terminal No. 13	Color of Wire B	Signal Name [Specification] GND	Terminal No. 13	Color of Wire B	Signal Name [Specification] GND
Connector No. M122	Connector Name BCM (BODY CONTROL MODULE)	Connector Type TH40FB-NH	Terminal No. 90	Color of Wire BR	Signal Name [Specification] IGN RELAY (F/B) CONT	Terminal No. 1	Color of Wire G	Signal Name [Specification] Signal Name [Specification]
Connector No. M123	Connector Name BCM (BODY CONTROL MODULE)	Connector Type TH40FG-NH	Terminal No. 151	Color of Wire G	Signal Name [Specification] REAR WINDOW DEFOGGER RELAY	Terminal No. 1	Color of Wire G	Signal Name [Specification] Signal Name [Specification]
Connector No. M203	Connector Name FRONT HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Type NS06FBR-GS	Terminal No. 1	Color of Wire G	Signal Name [Specification] Signal Name [Specification]	Terminal No. 1	Color of Wire G	Signal Name [Specification] Signal Name [Specification]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

NOTE:

- Type A: Up to VIN: JN8AZ18U*9W10000, JN8AZ18W*9W20000 (EXCEPT FOR MEXICO), JN8AZ18U*9W710000, JN8AZ18W*9W810000 (FOR MEXICO)

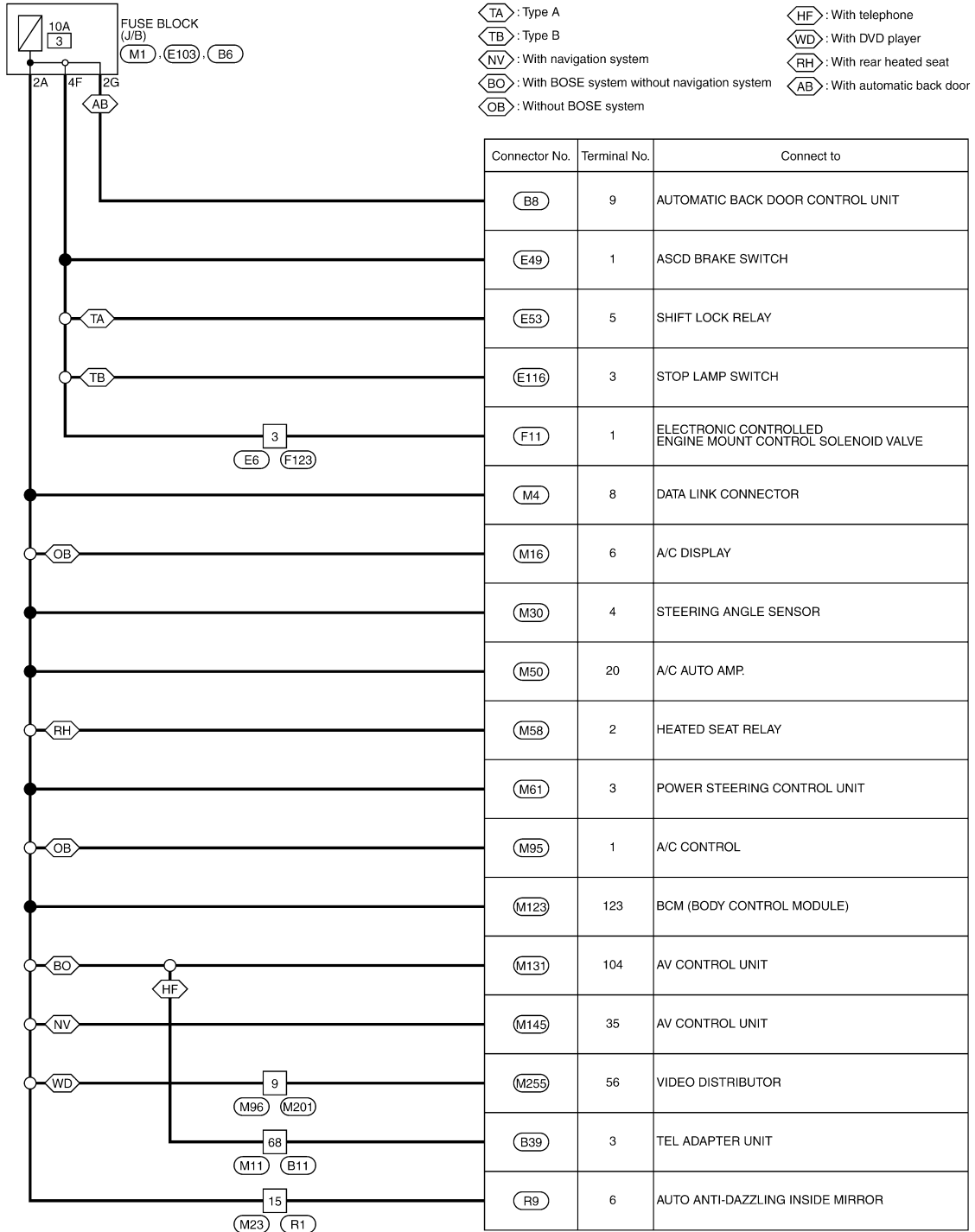
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

- Type B: From VIN: JN8AZ18U*9W100001, JN8AZ18W*9W200001 (EXCEPT FOR MEXICO), JN8AZ18U*9W710001, JN8AZ18W*9W810001 (FOR MEXICO)

IGNITION POWER SUPPLY FUSE No. 3



2008/09/23

JCMWM3254G

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

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

Terminal No.	2G	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	B8
Connector Name	AUTOMATIC BACK DOOR CONTROL UNIT
Connector Type	TH20FW-TB6

Terminal No.	9	Color of Wire	GR	Signal Name [Specification]	IGN
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Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS 9

Terminal No.	6B	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	B39
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH

Terminal No.	3	Color of Wire	R	Signal Name [Specification]	IGNITION
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Connector No.	E49
Connector Name	ASCD BRAKE SWITCH
Connector Type	M02FBR-LC

Terminal No.	1	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	E53
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02FL-M2-LC

Terminal No.	5	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS

Terminal No.	4F	Color of Wire	BR	Signal Name [Specification]	-
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Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	TK16MGY-IV

Terminal No.	3	Color of Wire	Y	Signal Name [Specification]	-
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JCMW3255G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E116
Connector Name	STOP LAMP SWITCH (TYPE B)
Connector Type	MM4FW-LC



Terminal No.	3	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	F11
Connector Name	ELECTRONIC CONTROLLED ENGINE MOUNT CONTROL SOLENOID VALVE
Connector Type	E02FEB-RS



Terminal No.	1	Color of Wire	G/R	Signal Name [Specification]	-
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Connector No.	F123
Connector Name	WIRE TO WIRE
Connector Type	TK18FY-IV



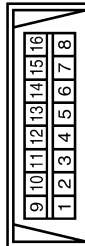
Terminal No.	3	Color of Wire	G/R	Signal Name [Specification]	-
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS08FW-M2



Terminal No.	2A	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



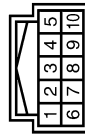
Terminal No.	8	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-GS10-M3



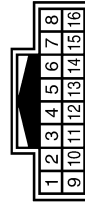
Terminal No.	88	Color of Wire	W	Signal Name [Specification]	-
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Connector No.	M16
Connector Name	A/C DISPLAY
Connector Type	TH10FB-NH



Terminal No.	6	Color of Wire	G	Signal Name [Specification]	IGN
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Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH



Terminal No.	15	Color of Wire	G	Signal Name [Specification]	-
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M30	Connector No.	M58	Connector No.	M50	Connector No.	M81
Connector Name	STEERING ANGLE SENSOR	Connector Name	HEATED SEAT RELAY	Connector Name	A/C AUTO AMP.	Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH08FW-NH	Connector Type	MS22EL-M2-LC	Connector Type	SAB00FW	Connector Type	TH12FW-NH

Terminal No.	4	Terminal No.	2	Terminal No.	20	Terminal No.	3
Color of Wire	G	Color of Wire	G	Color of Wire	G	Color of Wire	G
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGN	Signal Name [Specification]	IGN

Connector No.	M85	Connector No.	M123	Connector No.	M89	Connector No.	M131
Connector Name	A/C CONTROL	Connector Name	BCM (BODY CONTROL MODULE)	Connector Name	WIRE TO WIRE	Connector Name	AV CONTROL UNIT (WITH BOSE SYSTEM WITHOUT NAVIGATION SYSTEM)
Connector Type	TH12FW-NH	Connector Type	TH40FG-NH	Connector Type	TH16FW-NH	Connector Type	TH32FW-NH

Terminal No.	1	Terminal No.	123	Terminal No.	9	Terminal No.	104
Color of Wire	G	Color of Wire	G	Color of Wire	G	Color of Wire	G
Signal Name [Specification]	IGN	Signal Name [Specification]	IGN P/B	Signal Name [Specification]	-	Signal Name [Specification]	IGNITION

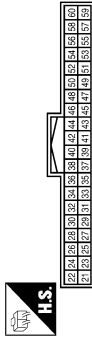
POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY&GROUND CIRCUIT]

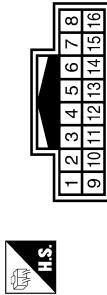
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M145
Connector Name	AV CONTROL UNIT (WITH NAVIGATION SYSTEM)
Connector Type	TH10FB-NH



Terminal No.	35	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	M201
Connector Name	WIRE TO WIRE
Connector Type	TH16BMF-NH



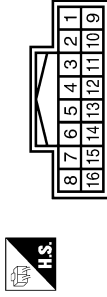
Terminal No.	9	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M255
Connector Name	VIDEO DISTRIBUTOR
Connector Type	TH6BF-NH



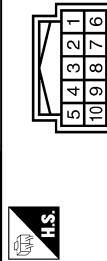
Terminal No.	56	Color of Wire	G	Signal Name [Specification]	IGNITION
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Connector No.	RI
Connector Name	WIRE TO WIRE
Connector Type	TH18FW-NH



Terminal No.	15	Color of Wire	B/R	Signal Name [Specification]	-
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Connector No.	R9
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	6	Color of Wire	B/R	Signal Name [Specification]	-
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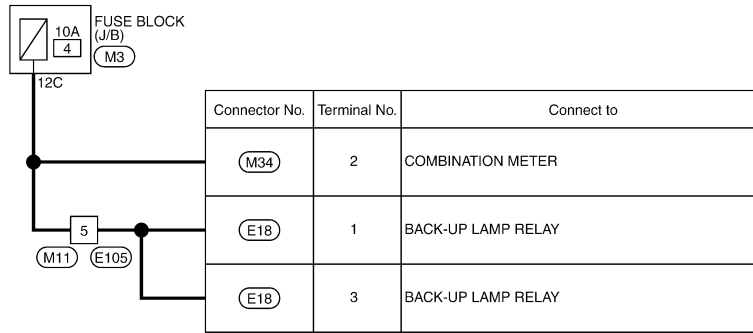
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

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2008/09/23

JCMWM3259G

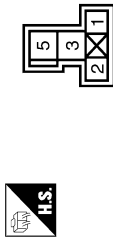
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

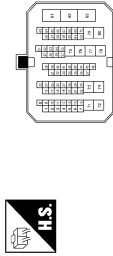
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	E18
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS2FL-MZ-LC



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH7DMH-CS10-M3



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

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS2FW-CS



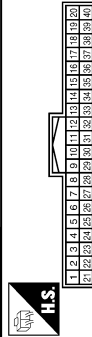
Terminal No.	Color of Wire	Signal Name [Specification]
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Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH7DFW-CS10-M3



Terminal No.	Color of Wire	Signal Name [Specification]
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Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH4DFW-NH



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

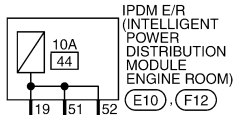
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

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IGNITION POWER SUPPLY FUSE No. 44



Connector No.	Terminal No.	Connect to
(F37)	1	FUEL INJECTOR No. 1
(F38)	1	FUEL INJECTOR No. 2
(F39)	1	FUEL INJECTOR No. 3
(F40)	1	FUEL INJECTOR No. 4
(F41)	1	FUEL INJECTOR No. 5
(F42)	1	FUEL INJECTOR No. 6
(E16)	93	ECM

2008/09/23

JCMWM3261G

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	E10	Connector No.	E16	Connector No.	F12	Connector No.	F37
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	ECM	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	ECM	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	FUEL INJECTOR No. 1	FUEL INJECTOR No. 1
Connector Type	TH20PW-CS12-M4-TV	RH22FB-R28-L-LH	TH20PW-CS12-M4	RH22FB-R28-L-LH	TH20PW-CS12-M4	HS02FGY	HS02FGY
Terminal No.	19	93	51	52	1	1	1
Color of Wire	Y	BR	LG	Y/G	LG	LG	LG
Signal Name [Specification]	-	IGN SW	-	-	-	Signal Name [Specification]	Signal Name [Specification]

Connector No.	F38	Connector No.	F39	Connector No.	F40	Connector No.	F41
Connector Name	FUEL INJECTOR No. 2	FUEL INJECTOR No. 3	FUEL INJECTOR No. 4	FUEL INJECTOR No. 5	FUEL INJECTOR No. 4	FUEL INJECTOR No. 4	FUEL INJECTOR No. 5
Connector Type	HS02FGY	HS02FGY	HS02FGY	HS02FGY	HS02FGY	HS02FGY	HS02FGY
Terminal No.	1	1	1	1	1	1	1
Color of Wire	Y/G	LG	Y/G	Y/G	Y/G	Y/G	LG
Signal Name [Specification]	-	-	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]	Signal Name [Specification]

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F-42
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS2FGY



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

JCMWM3263G

POWER SUPPLY ROUTING CIRCUIT

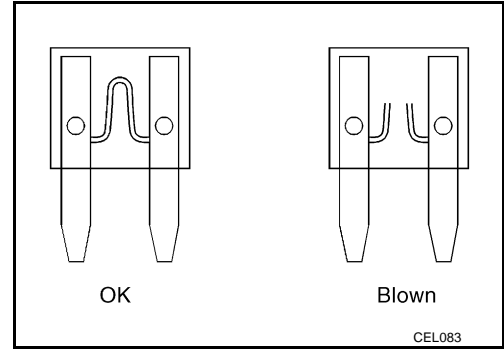
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Fuse

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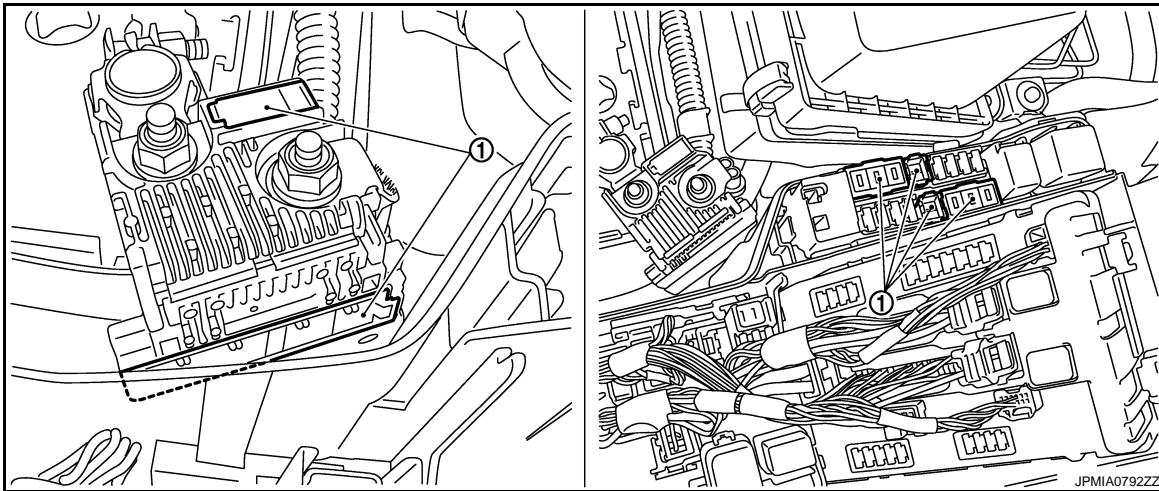
- If fuse is blown, be sure to eliminate cause of malfunction before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is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



Fusible Link

INFOID:000000003375828

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

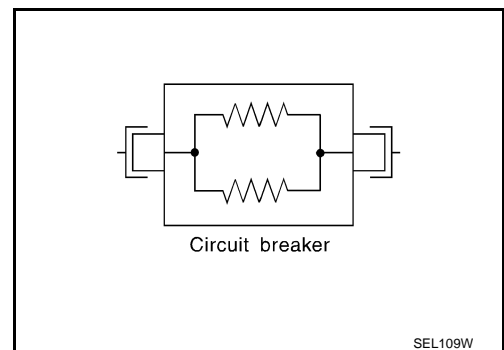
CAUTION:

- 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:000000003375829

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.



OPTION HARNESS

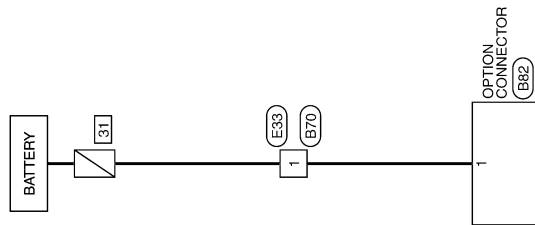
< COMPONENT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

OPTION HARNESS

Wiring Diagram - OPTION HARNESS -

INFOID:000000004769454



OPTION HARNESS

2008/09/23

JCMWM3190G

OPTION HARNESS

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

OPTION HARNESS

Connector No.	B70	Connector No.	E33	Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
Connector Name	WIRE TO WIRE	Connector Name	WIRE TO WIRE	Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
Connector Type	MD1MW-GY-PS	Connector Type	MD1FW-GY-LC						

Connector No.	B82	Connector No.	E33	Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
Connector Name	OPTION CONNECTOR	Connector Name	WIRE TO WIRE	Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
Connector Type	MD1FW-LC	Connector Type	MD1FW-GY-LC						

Connector No.	B82	Connector No.	E33	Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
Connector Name	OPTION CONNECTOR	Connector Name	WIRE TO WIRE	Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
Connector Type	MD1FW-LC	Connector Type	MD1FW-GY-LC						

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JCMWM3191G1

HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

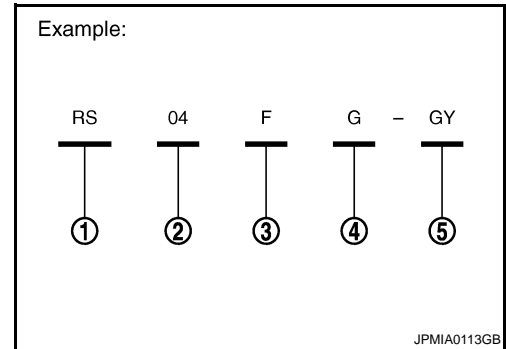
[POWER SUPPLY&GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000003375830

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



CONNECTOR SYMBOL

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

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

JPMIA0114GB

HARNESS LAYOUT

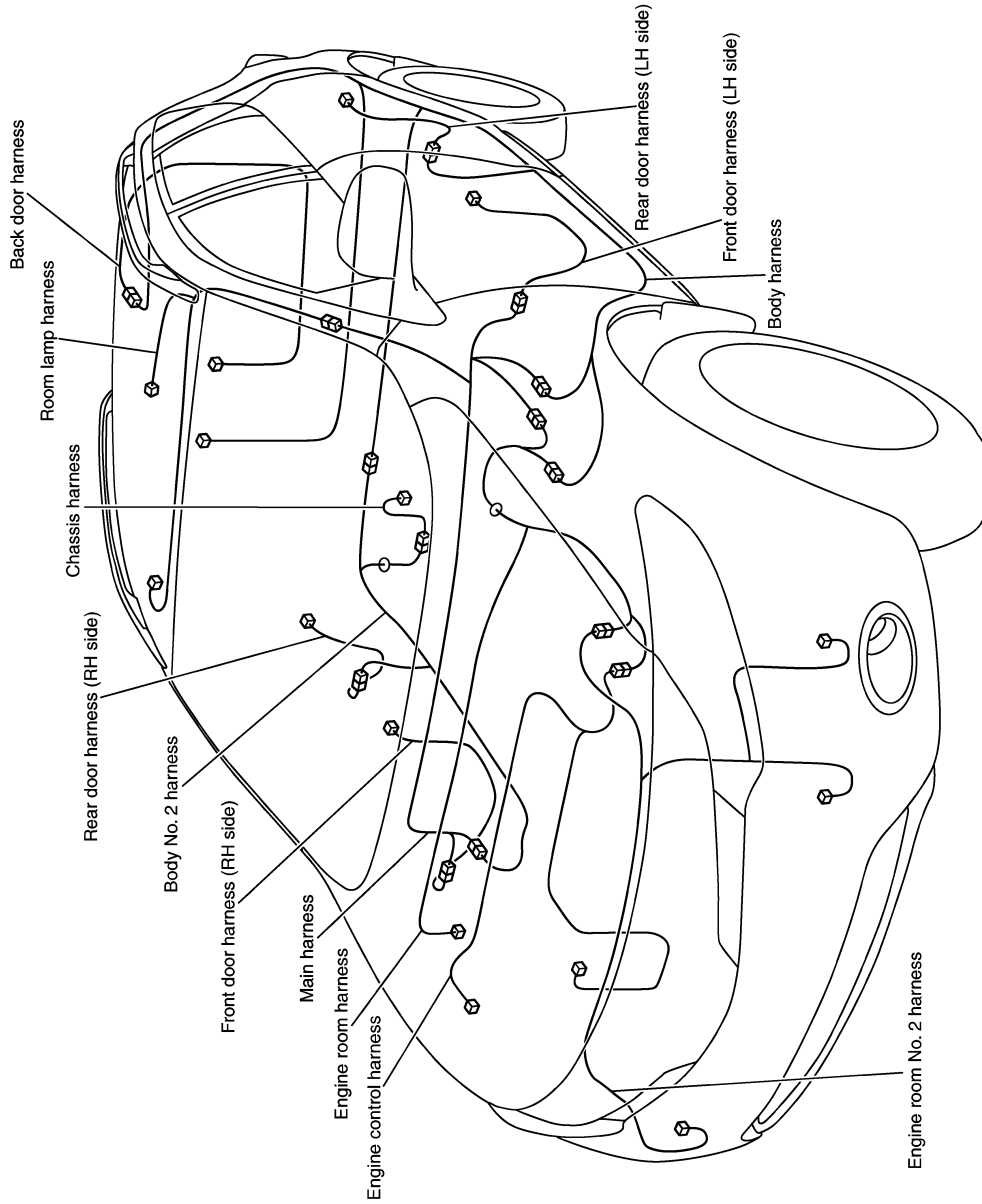
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Outline

INFOID:000000003375831

OUTLINE



2008/09/23

JCMIM0580GB

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HARNESS LAYOUT

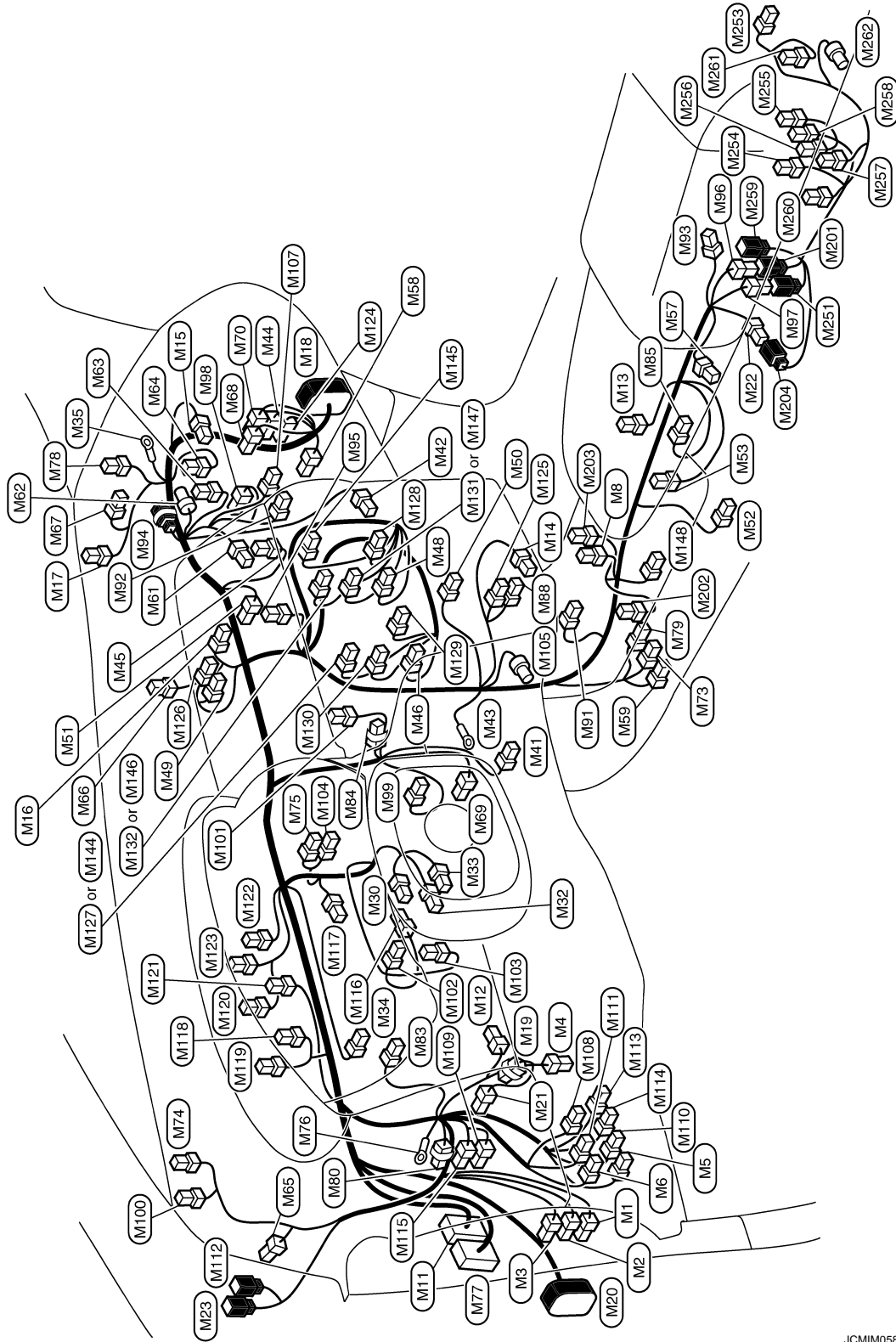
< COMPONENT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000003375832

MAIN HARNESS



2008/09/23

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HARNESS LAYOUT

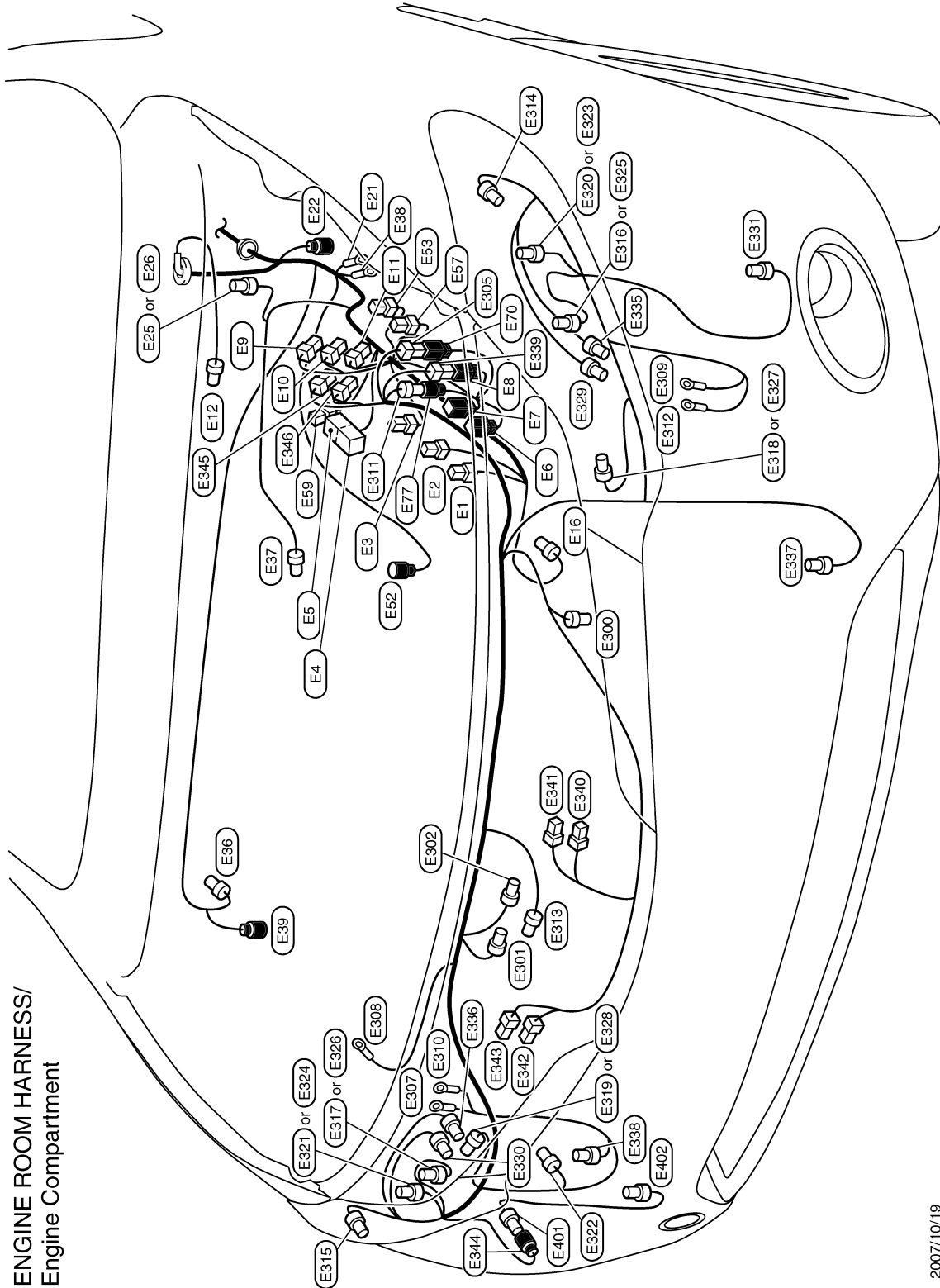
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Engine Room Harness

INFOID:000000003375833

ENGINE COMPARTMENT



ENGINE ROOM HARNESS/
Engine Compartment

2007/10/19

JCMIM0257GB

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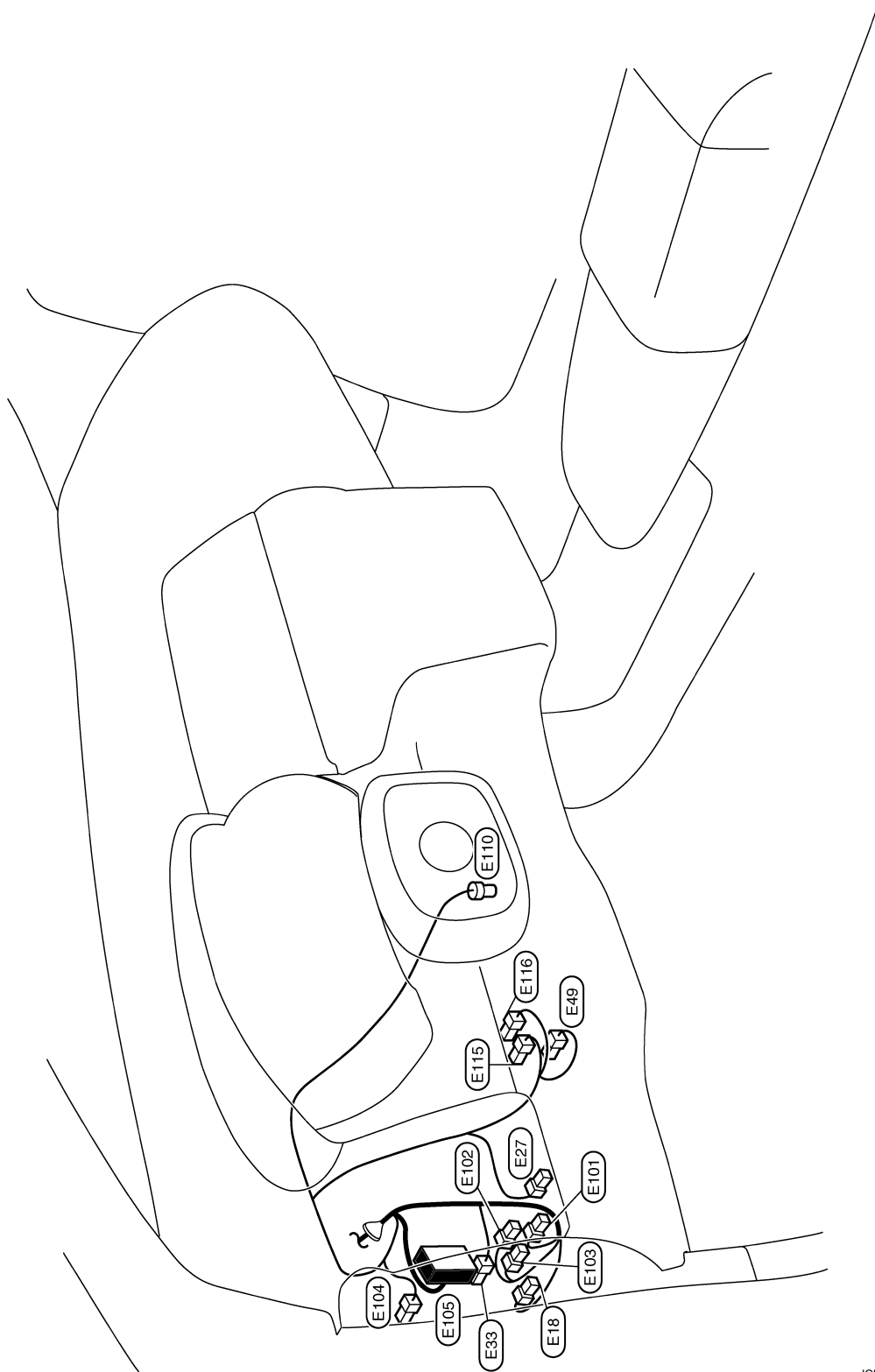
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



2008/09/23

JCMIM0582GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Body Harness

INFOID:000000003375835

BODY HARNESS



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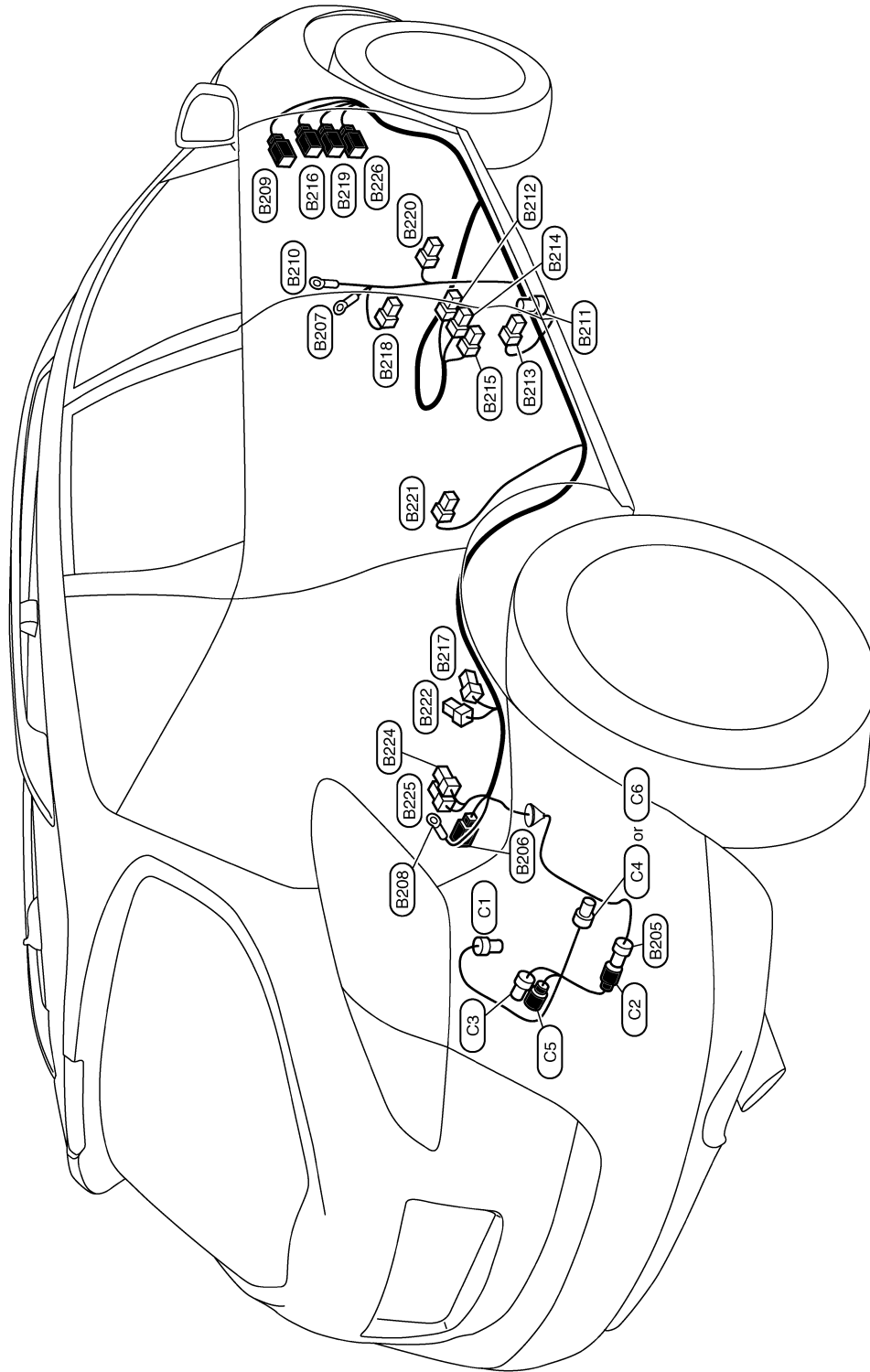
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000003375836



BODY No. 2 HARNESS

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JCMIM0584GB

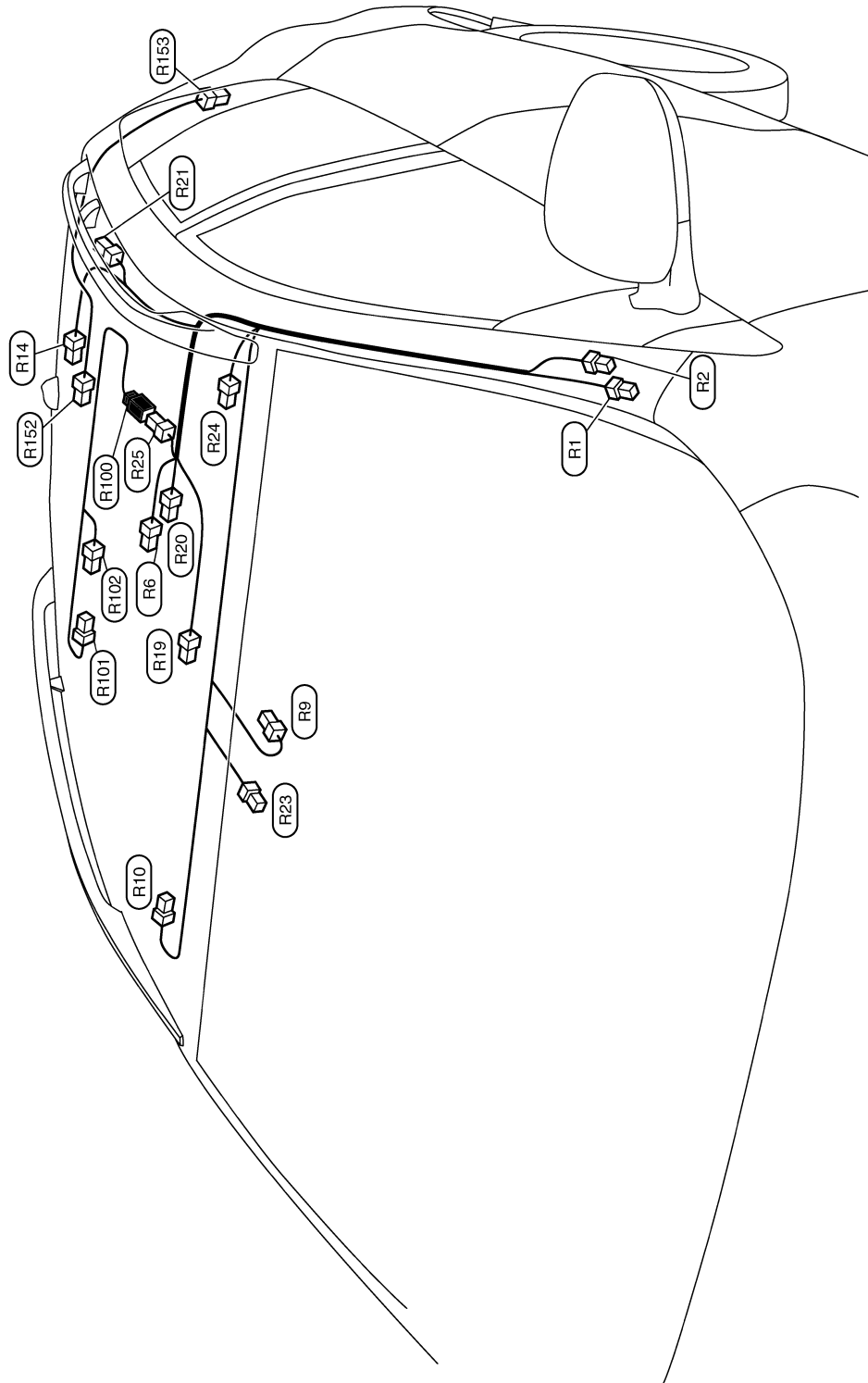
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000003375837



ROOM LAMP HARNESS

2007/10/19

JCMIM0262GB

HARNESS LAYOUT

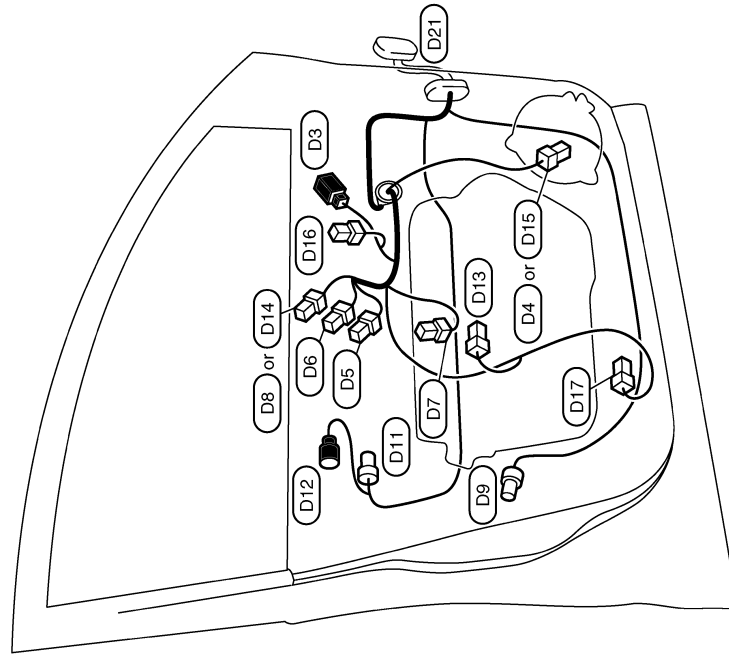
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Front Door Harness (LH Side)

INFOID:000000003375838

FRONT DOOR HARNESS (LH SIDE)



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2007/10/19

JCMIM0263GB

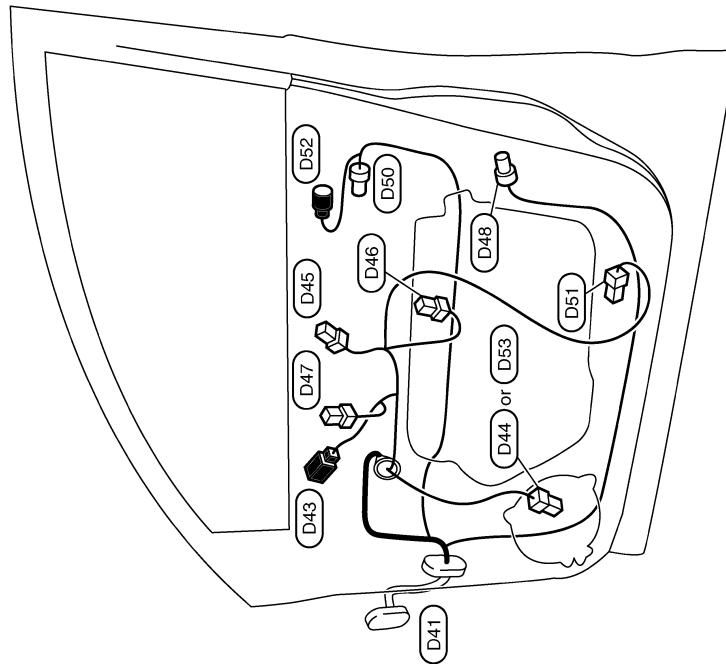
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Front Door Harness (RH Side)

INFOID:000000003375839



FRONT DOOR HARNESS (RH SIDE)

2007/10/19

JCMIM0264GB

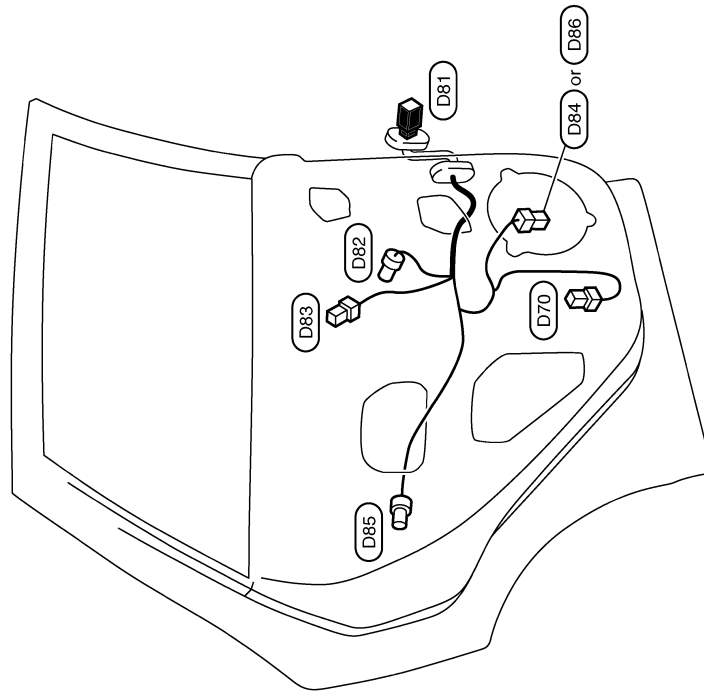
HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Rear Door Harness (LH Side)

INFOID:000000003375840



REAR DOOR HARNESS (LH SIDE)

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2007/10/19

JCMIM0265GB

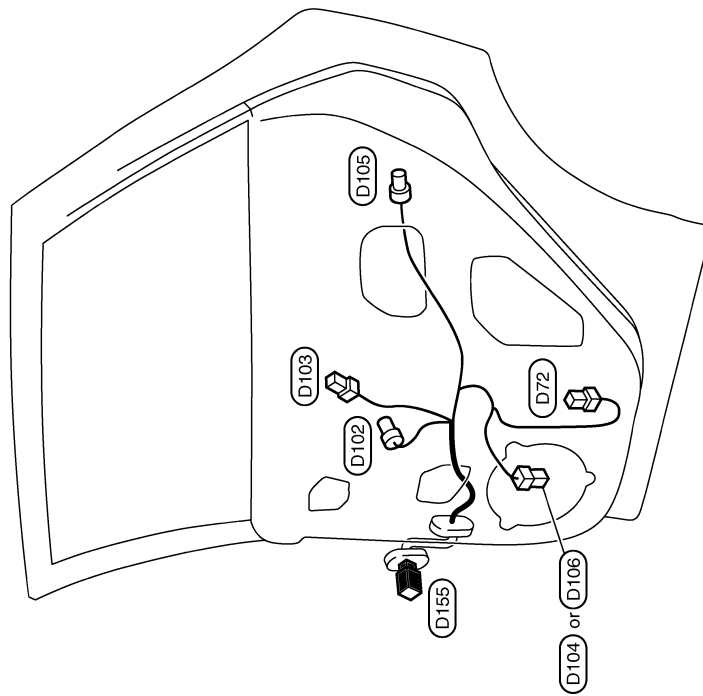
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Rear Door Harness (RH Side)

INFOID:000000003375841



REAR DOOR HARNESS (RH SIDE)

2007/10/19

JCMIM0266GB

HARNES LAYOUT

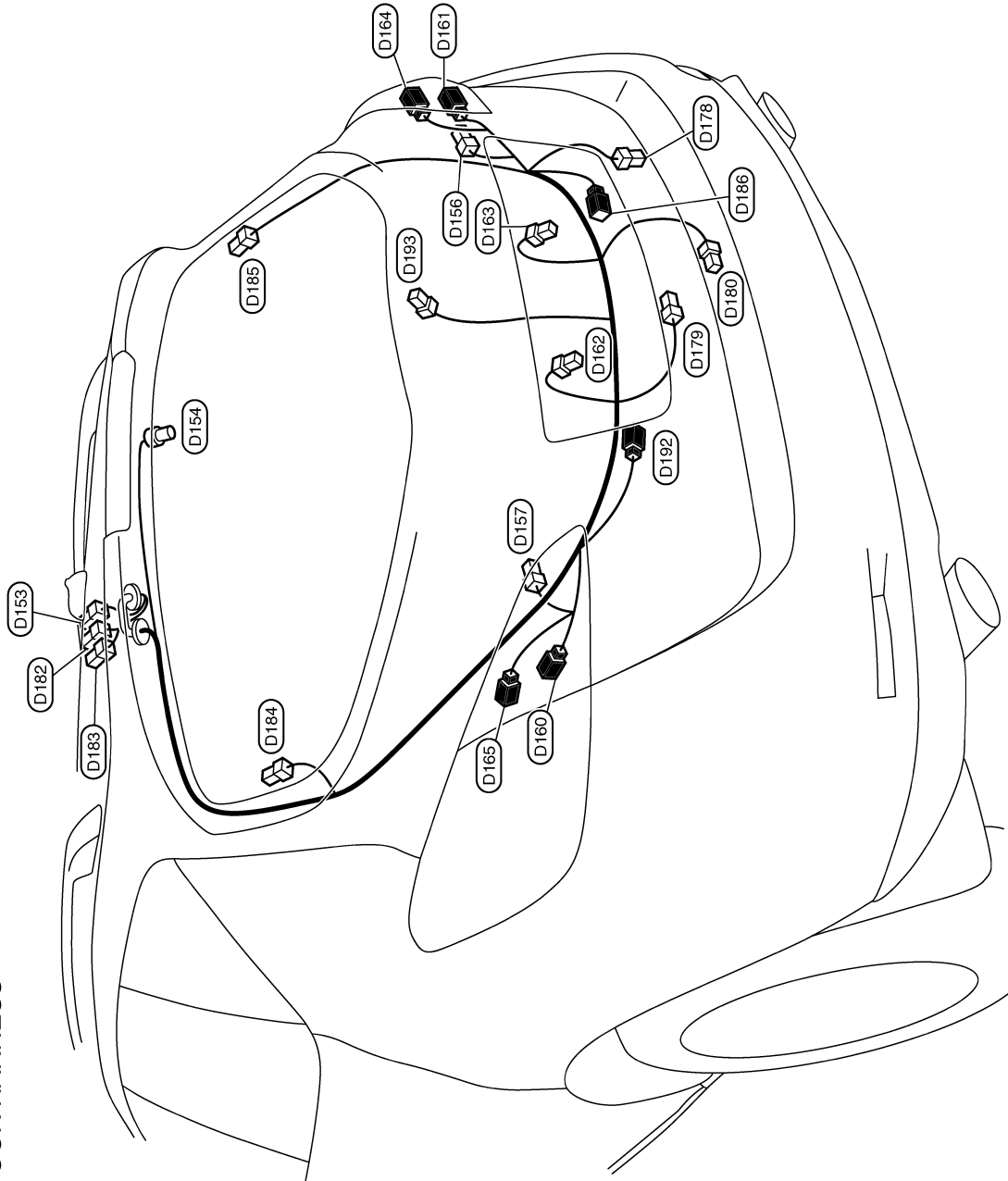
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Back Door Harness

INFOID:000000003375842

BACK DOOR HARNESS



2007/10/19

JCMIM0267GB

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HARNESS CONNECTOR

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

HARNESS CONNECTOR

Description

INFOID:000000003375843

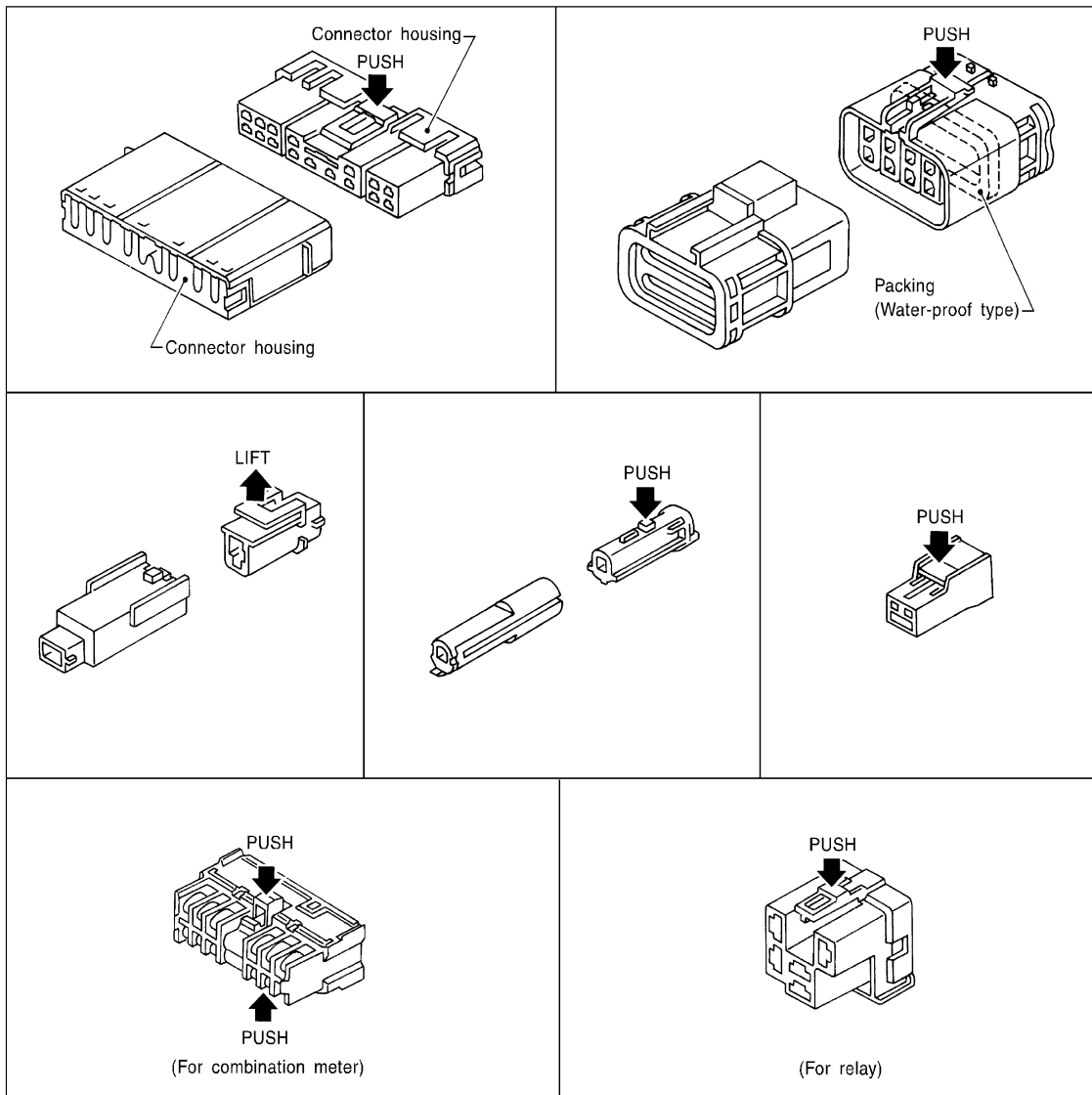
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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

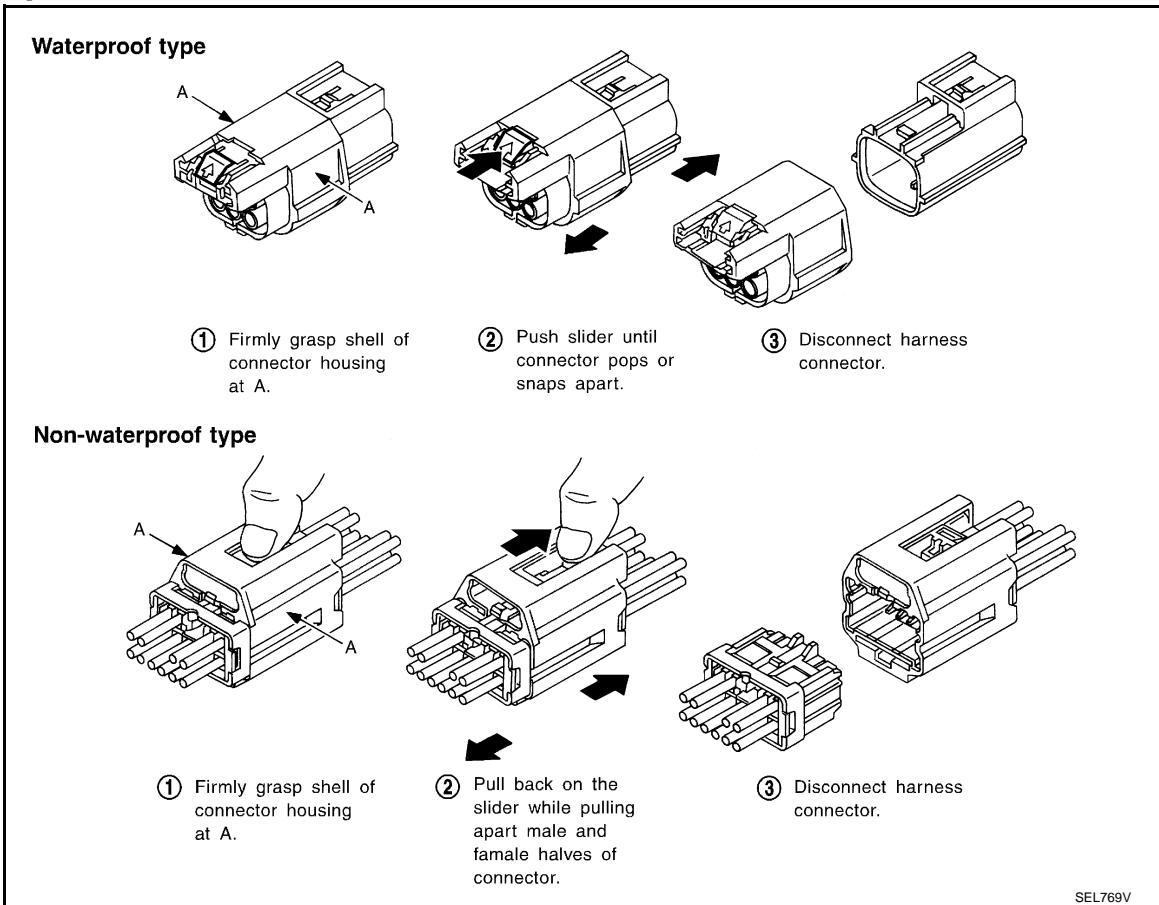
< COMPONENT DIAGNOSIS >

[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:

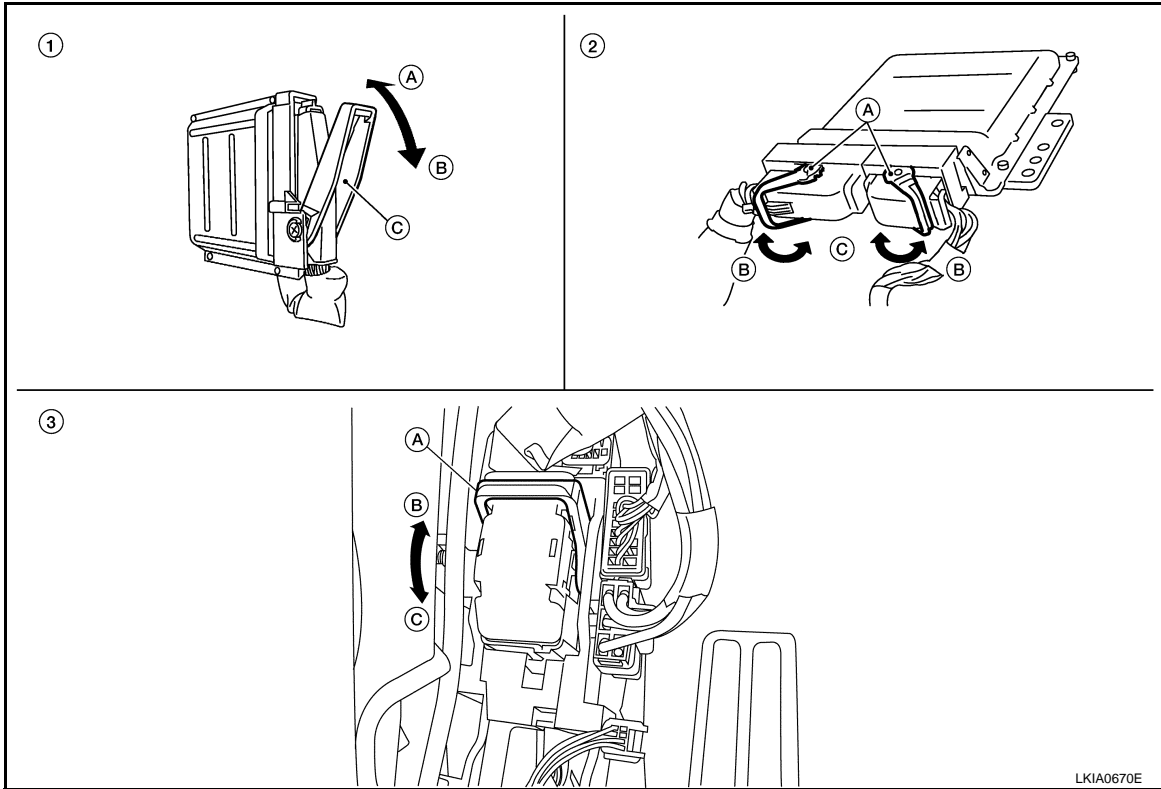
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HARNESS CONNECTOR

< 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]

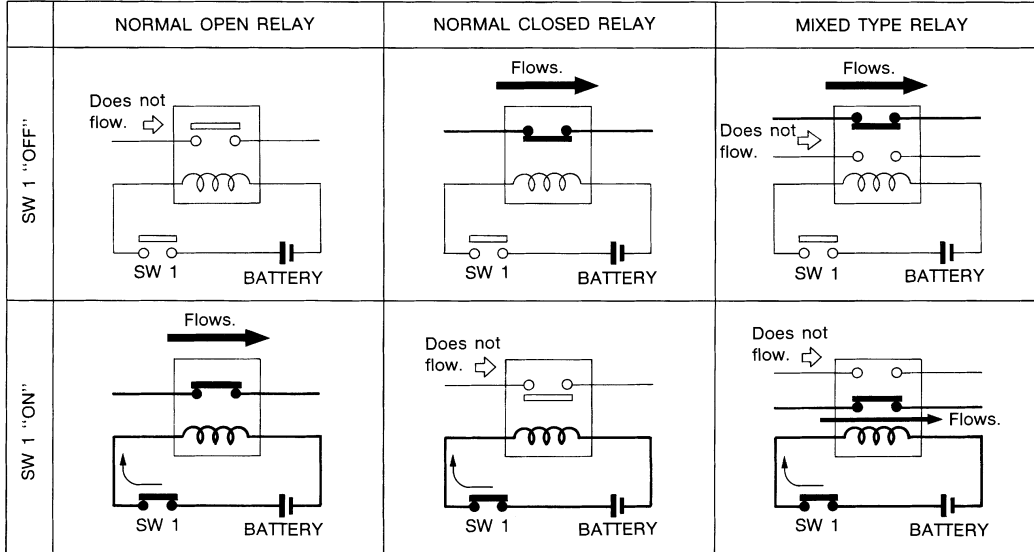
STANDARDIZED RELAY

Description

INFOID:000000003375844

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

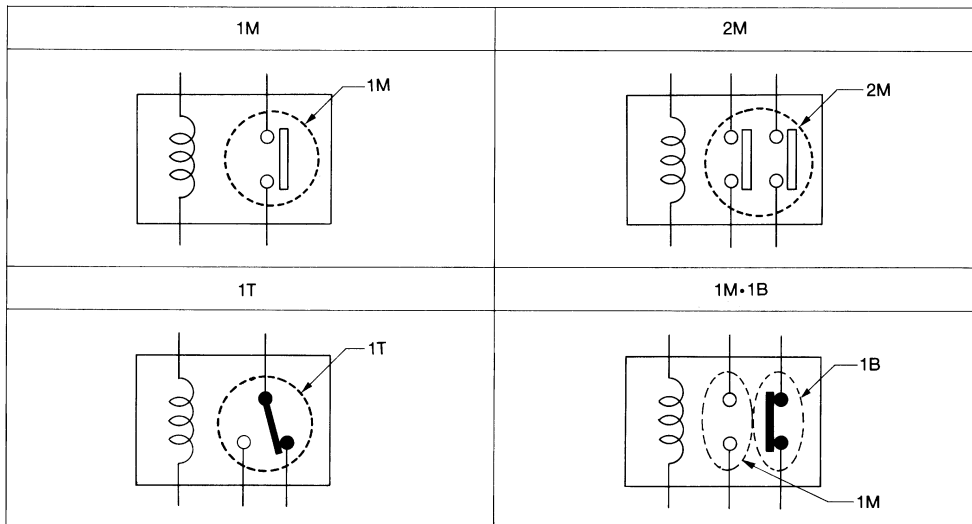
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

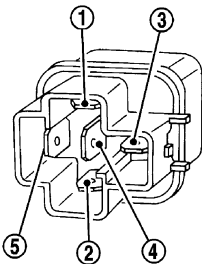
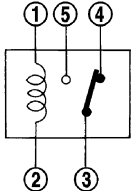
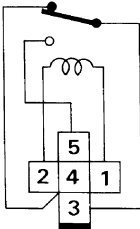
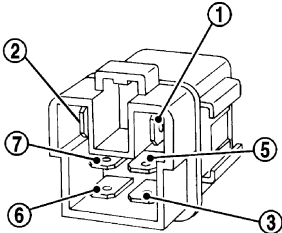
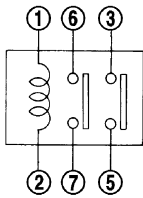
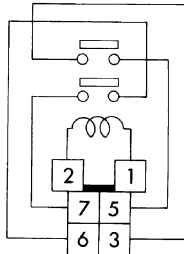
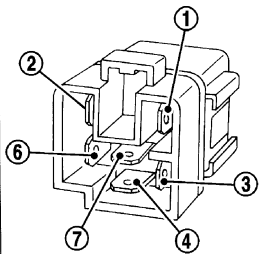
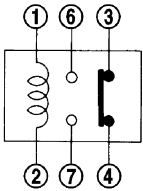
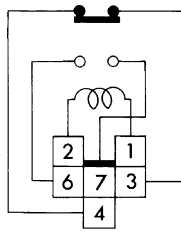
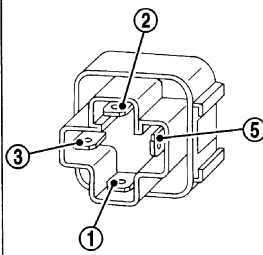
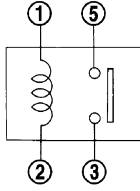
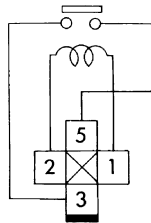
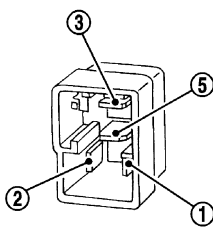
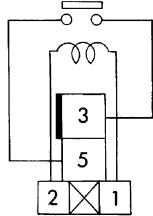


SEL882H

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)

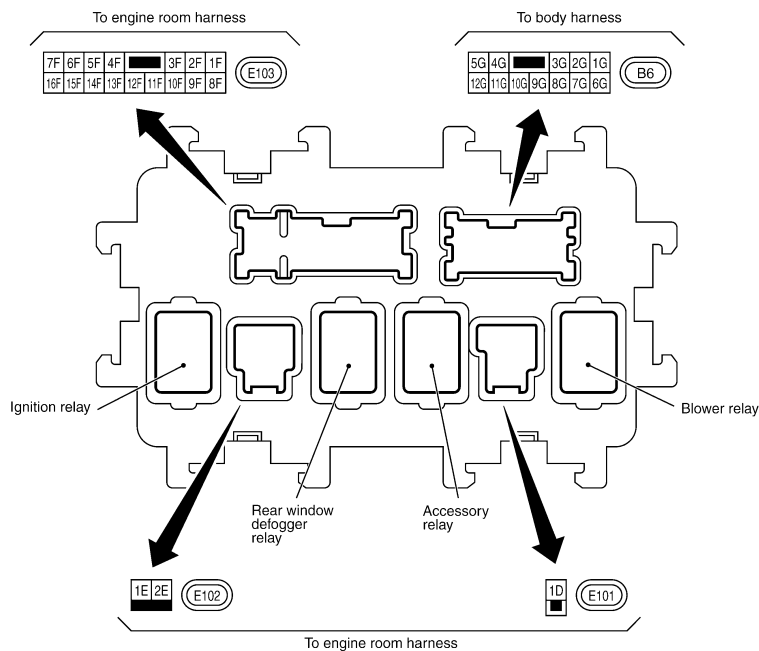
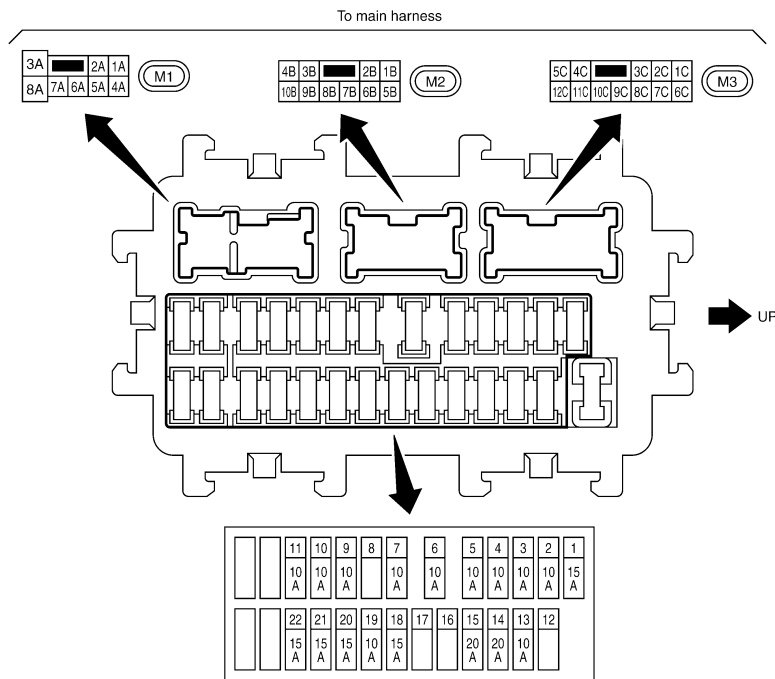
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000003375845



2008/09/23

JCMWM3264GI

FUSE, FUSIBLE LINK AND RELAY BOX

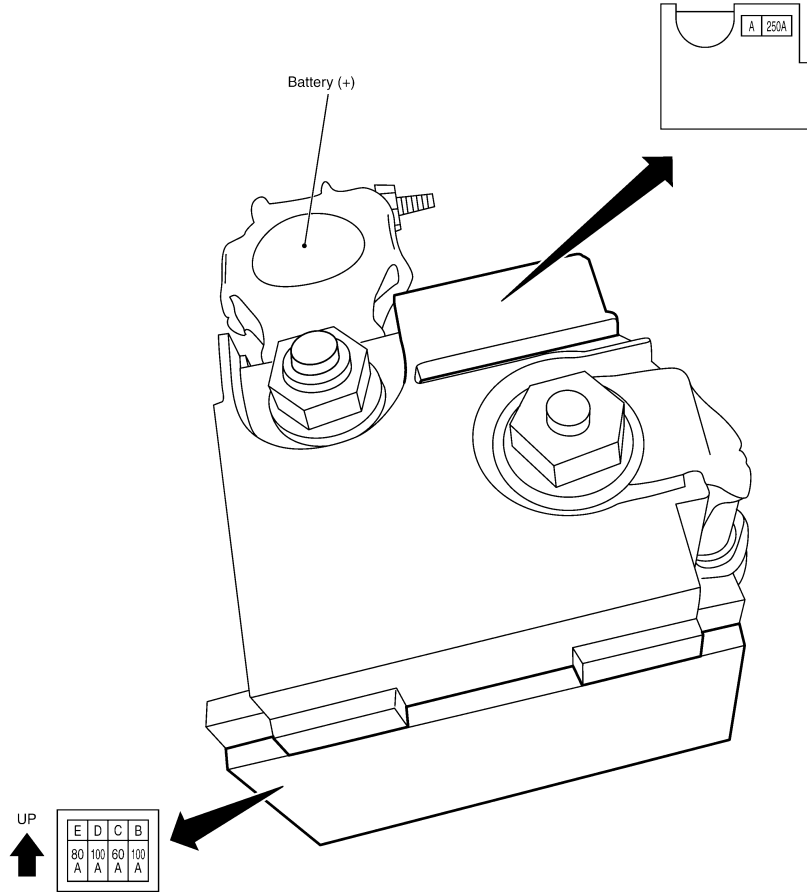
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

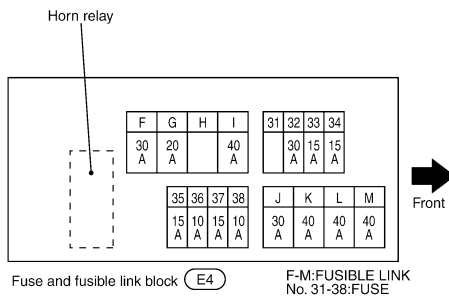
FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

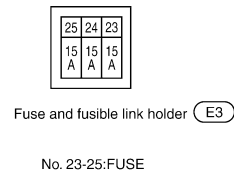
INFOID:000000003375846



Fusible link holder (E1), (E2), (F3)



Fuse and fusible link block (E4) F-M:FUSIBLE LINK No. 31-38:FUSE



Fuse and fusible link holder (E3) No. 23-25:FUSE

2008/09/23

JCMWM3265G

PRECAUTION

PRECAUTIONS

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

INFOID:000000004770037

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

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the "SRS AIRBAG".**
- **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.**

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

When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors while ignition switch is ON or engine is running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration may activate the sensor(s), deploy the airbag(s), possibly cause serious injury. When using air or electric power tools or hammers, always turn OFF ignition switch, disconnect the battery, and wait 3 minutes or more before performing any service.

PREPARATION

[POWER SUPPLY&GROUND CIRCUIT]

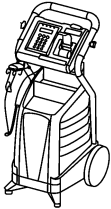
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000003375850

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

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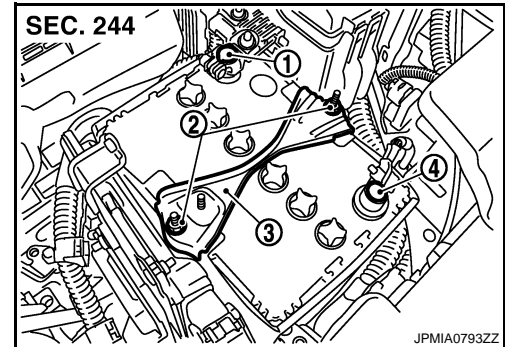
ON-VEHICLE REPAIR

BATTERY

Exploded View

INFOID:000000003375851

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

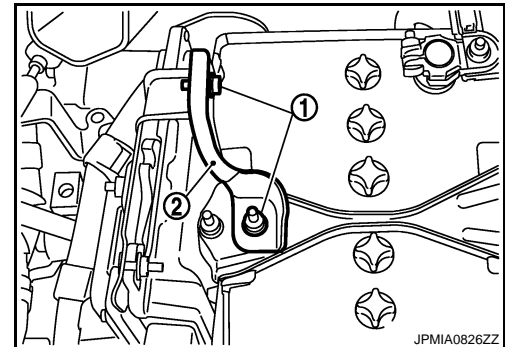


Removal and Installation

INFOID:000000003375852

REMOVAL

1. Remove air duct (inlet). Refer to [EM-27, "Exploded View"](#).
2. Remove the nut and bolt (1) and remove the bracket (2) from battery fix frame.

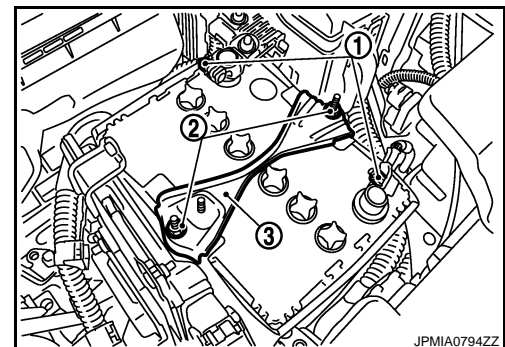


3. Remove cover of battery positive terminal.
4. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

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-58, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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BATTERY TERMINAL WITH FUSIBLE LINK

< ON-VEHICLE REPAIR >

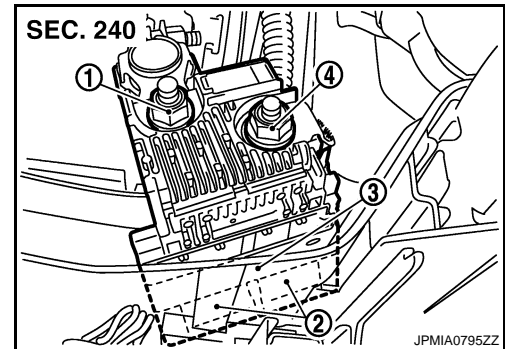
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000003375853

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

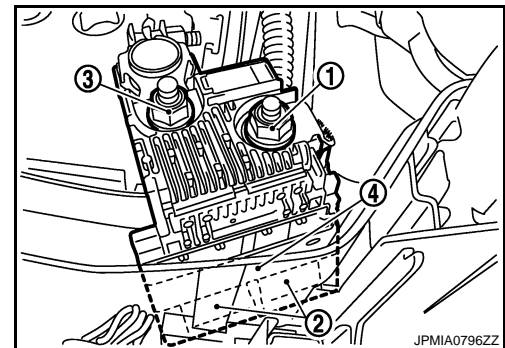


Removal and Installation

INFOID:000000003375854

REMOVAL

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



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.5 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:0000000003375855

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

A

B

C

D

E

F

G

H

I

J

K

L

PG

N

O

P