

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

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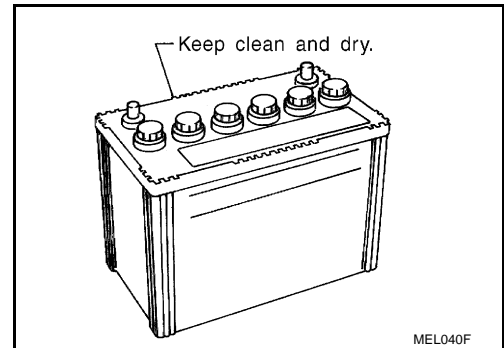
CAUTION:

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

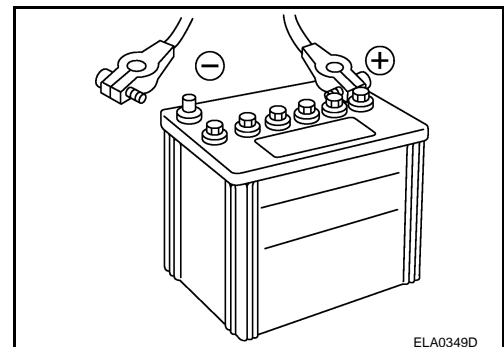
METHODS OF PREVENTING OVER-DISCHARGE

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

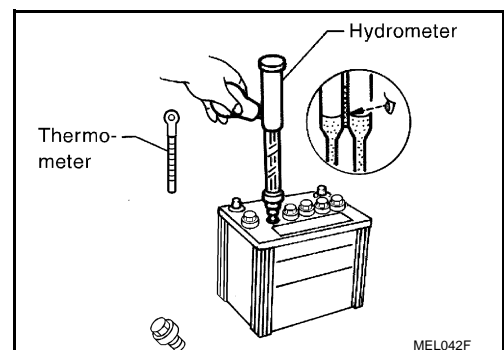
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



CHECKING ELECTROLYTE LEVEL

WARNING:

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

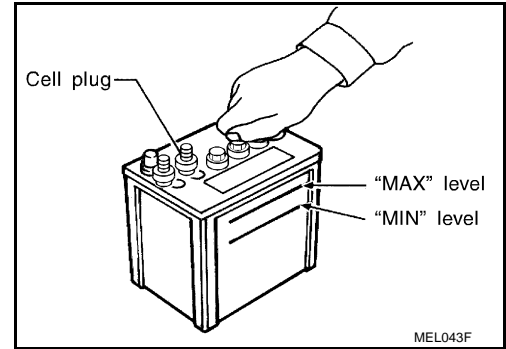
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BATTERY

[POWER SUPPLY&GROUND CIRCUIT]

< BASIC INSPECTION >

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

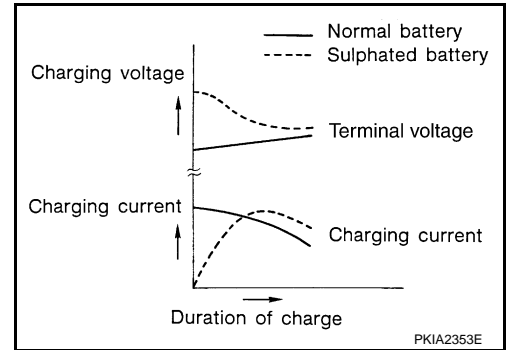


Sulphation

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

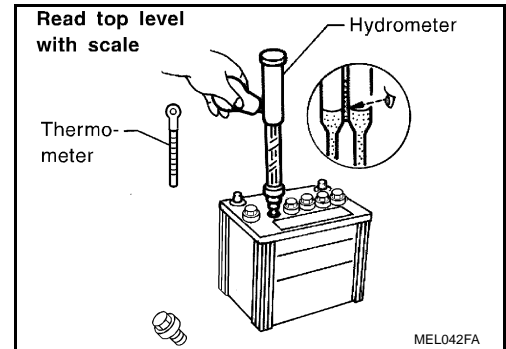
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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



SPECIFIC GRAVITY CHECK

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



Hydrometer Temperature Correction

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

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

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

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

CHARGING THE BATTERY

CAUTION:

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

Charging Rates

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

Do not charge at more than 50 ampere rate.

NOTE:

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

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

Work Flow

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TROUBLE DIAGNOSIS WITH BATTERY SERVICE CENTER

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

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

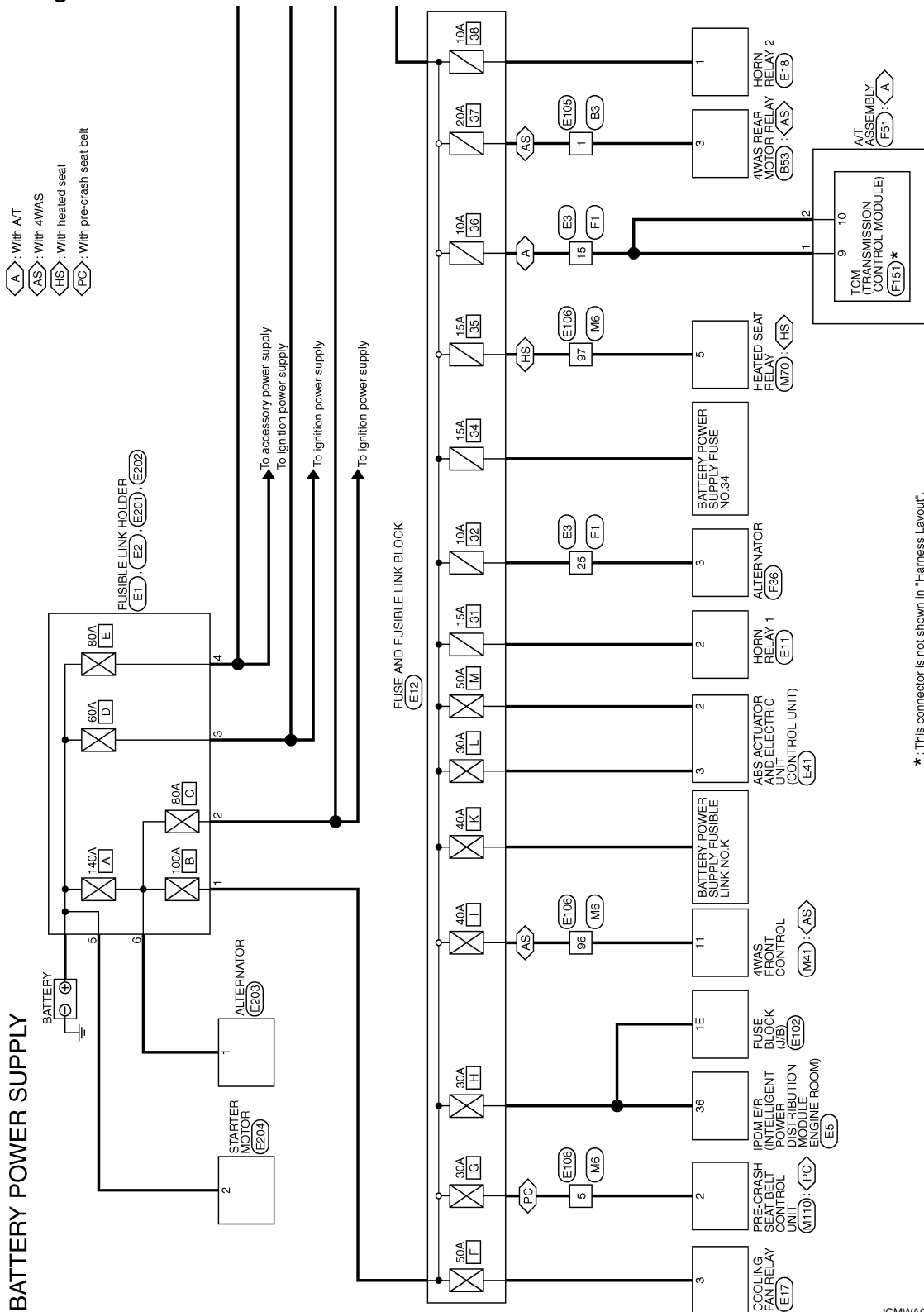
[POWER SUPPLY & GROUND CIRCUIT]

COMPONENT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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


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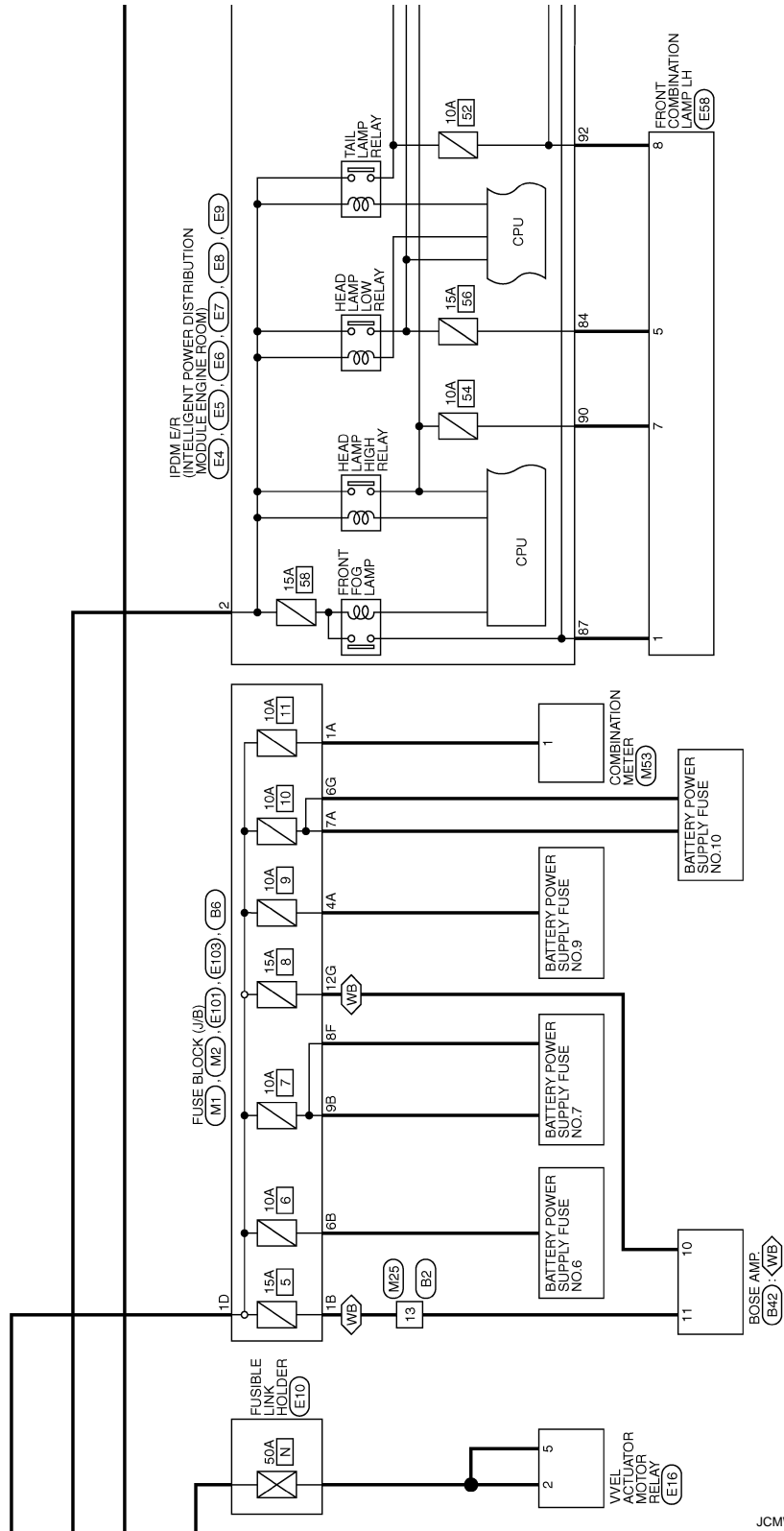
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

 : With BOSE system



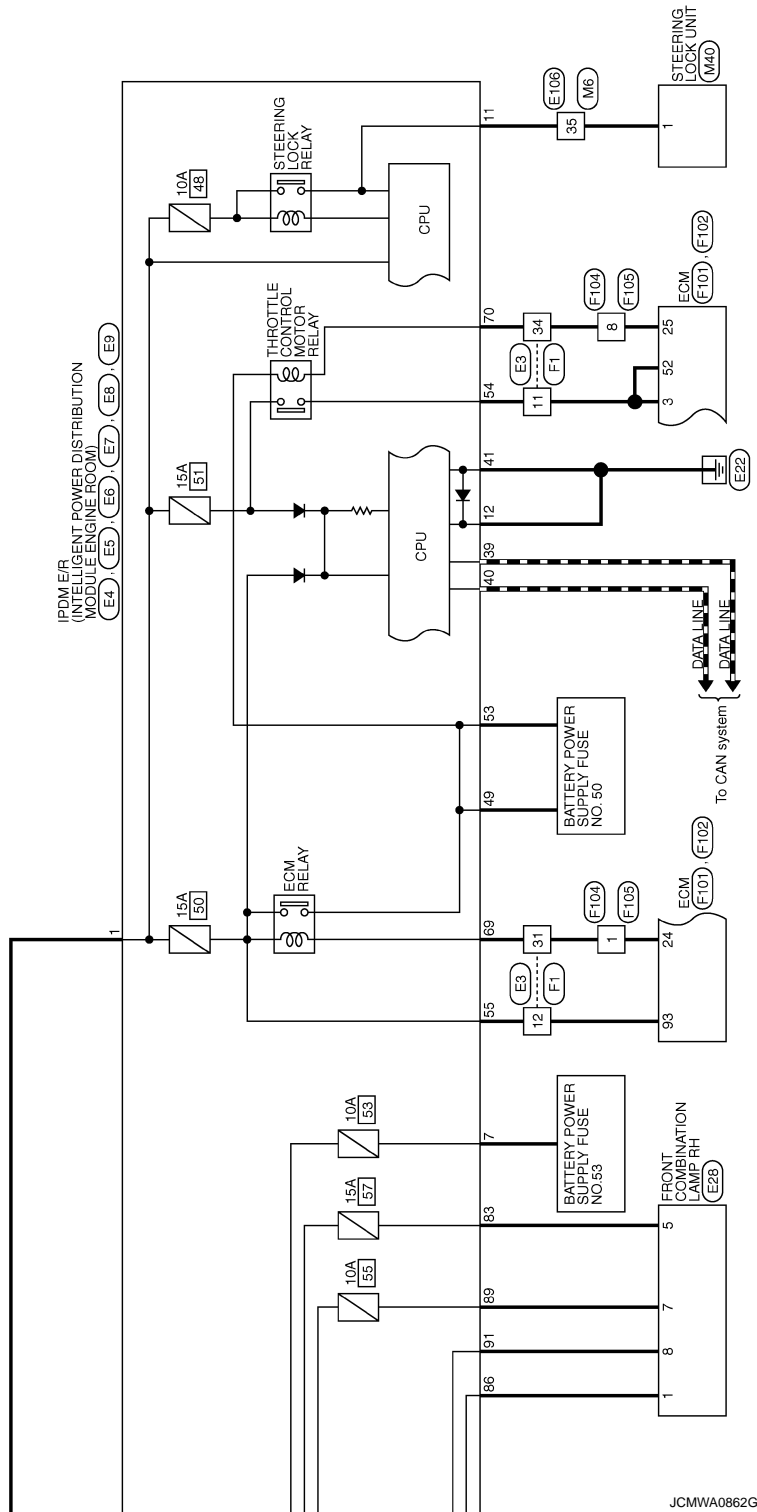
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	E4
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	LS2FEB-MC



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

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



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

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



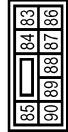
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/W	-

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



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

Connector No.	E8
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	MS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	-
84	P	-
86	W	-
87	L	-
88	BR	-
90	LG	-

Connector No.	E9
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH16FW-NH



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

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	24387_7990A



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

Connector No.	E16
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	24347_9F900



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

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

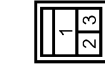
BATTERY POWER SUPPLY

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347-9FB00



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

Connector No.	E18
Connector Name	HORN RELAY 2
Connector Type	IM03FW-R-LC



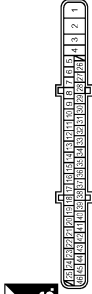
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-

Connector No.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS08FB-PR



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

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	83AA42FB-AHZA-LH



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	UBMR
3	R	UBVR

Connector No.	E38
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



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

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



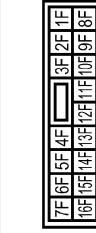
Terminal No.	Color of Wire	Signal Name [Specification]
ID	R	-

Connector No.	E1O2
Connector Name	FUSE BLOCK (J/B)
Connector Type	IM02FB-LC



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

Connector No.	E1O3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FW-CS



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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

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



Terminal No.	6	Color of Wire	B/GY	Signal Name [Specification]	-
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Connector No.	E201
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24340.78908



Terminal No.	5	Color of Wire	B/Y	Signal Name [Specification]	-
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Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	IM02MW-LC



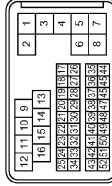
Terminal No.	1	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	H53CFB



Terminal No.	3	Color of Wire	V	Signal Name [Specification]	S
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Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	5SA38FB-FSS-SH78



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

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



Terminal No.	2	Color of Wire	B/Y	Signal Name [Specification]	-
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Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	24340.65F45



Terminal No.	1	Color of Wire	B/GY	Signal Name [Specification]	B
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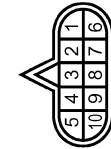
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

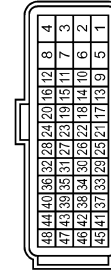
BATTERY POWER SUPPLY

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



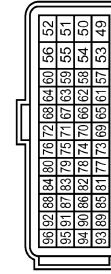
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	BR	-

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



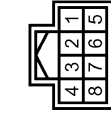
Terminal No.	Color of Wire	Signal Name [Specification]
3	R	VMOT1-B1
24	P	SSOFF
25	O	MOTRLY1-B1

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FB-R2B-L-LH-Z



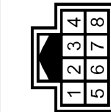
Terminal No.	Color of Wire	Signal Name [Specification]
52	R	VMOT-B2
93	P	BAIT

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



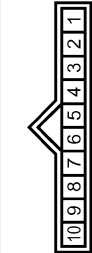
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
8	O	-

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH08MW-NH



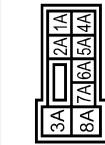
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
8	O	-

Connector No.	F151
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FBGY



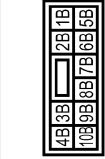
Terminal No.	Color of Wire	Signal Name [Specification]
9	W	STANDBY SUPPLY-1
10	GR	STANDBY SUPPLY-2

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	SB	-
6B	Y	-
9B	SE	-

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY

Connector No.	M41
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	SH402GY



Terminal No.	11	Color of Wire	R	Signal Name [Specification]	F-MTR PWR SUPPLY
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Connector No.	M40
Connector Name	STEERING LOCK UNIT
Connector Type	TH08FW-NH



Terminal No.	1	Color of Wire	BR	Signal Name [Specification]	S/L 12V (MECHANICAL)
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Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	13	Color of Wire	SB	Signal Name [Specification]	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1.6-TM4



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

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



Terminal No.	2	Color of Wire	W	Signal Name [Specification]	+B
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Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2



Terminal No.	5	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB4QFW



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




< COMPONENT DIAGNOSIS >

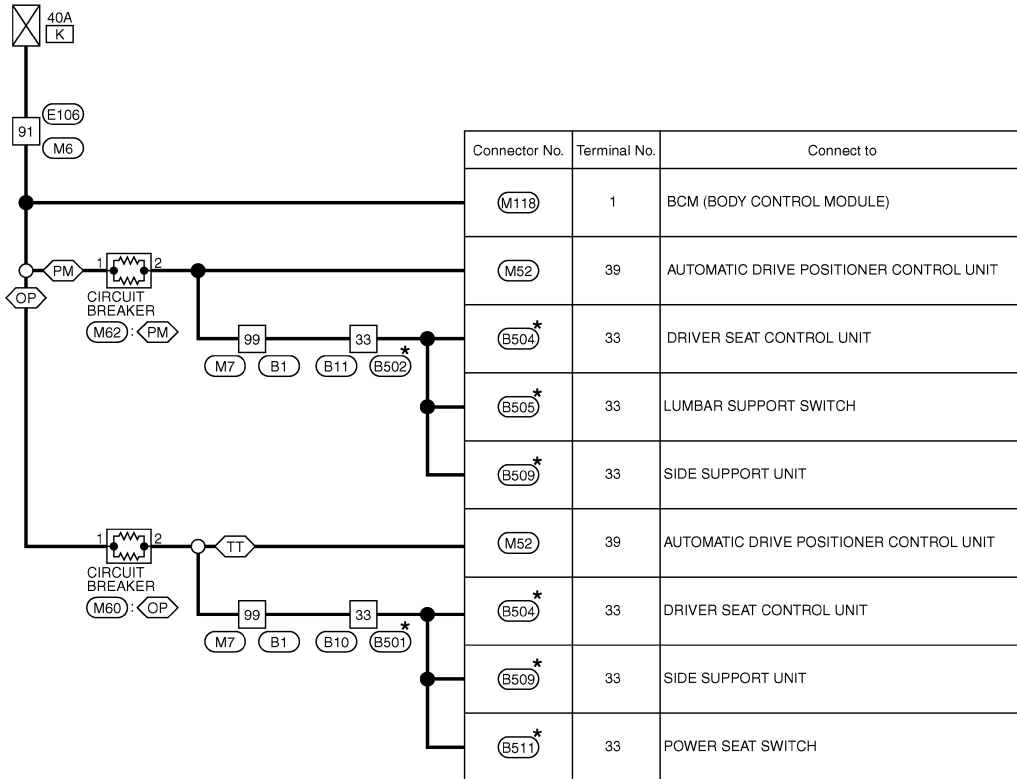
[POWER SUPPLY&GROUND CIRCUIT]

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

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BATTERY POWER SUPPLY FUSIBLE LINK NO.K

-  : With automatic drive positioner
-  : Without automatic drive positioner
-  : With tilt & telescopic system



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

2007/05/18

JCMWA0869GE

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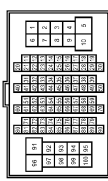
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]


BATTERY POWER SUPPLY FUSIBLE LINK NO.K

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




Terminal No.	98	SB	Signal Name [Specification]	
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Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS




Terminal No.	33	SB	Signal Name [Specification]	
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Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS




Terminal No.	33	SB	Signal Name [Specification]	
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Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS




Terminal No.	33	R	Signal Name [Specification]	
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Connector No.	B502
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-LC




Terminal No.	33	R	Signal Name [Specification]	
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Connector No.	B504
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS




Terminal No.	33	R	Signal Name [Specification]	BAT (C/B)
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Connector No.	B505
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS34FW-CS



Terminal No.	33	R	Signal Name [Specification]	
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Connector No.	B509
Connector Name	SIDE SUPPORT UNIT
Connector Type	NS50FW-CS



Terminal No.	33	R	Signal Name [Specification]	
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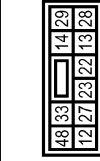
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

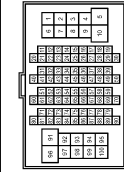
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSIBLE LINK NO.K

Connector No.	B511
Connector Name	POWER SEAT SWITCH (DRIVER SIDE) (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	NS10FW-CS



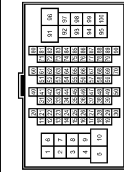
Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	33	R		Signal Name [Specification]
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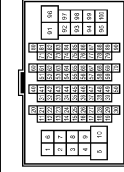
Terminal No.	91	W		Signal Name [Specification]
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4



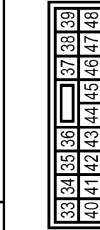
Terminal No.	91	W		Signal Name [Specification]
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Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4



Terminal No.	99	SB	P	Signal Name [Specification]
	99			- [With automatic drive positioner]
	99			- [Without automatic drive positioner]

Connector No.	M52
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS18FW-CS



Terminal No.	39	W		Signal Name [Specification]
				BAT (G/B)

Connector No.	M60
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-LC



Terminal No.	1	W		Signal Name [Specification]
	2	P		

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LC



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

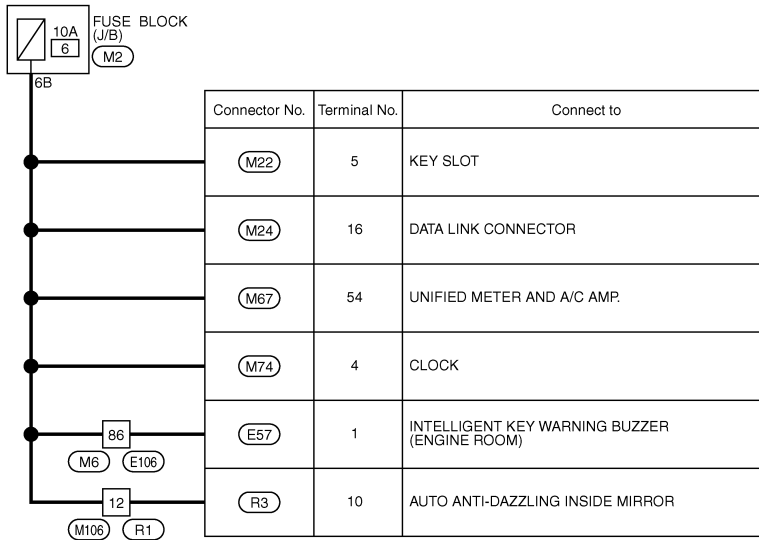
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000001841337

BATTERY POWER SUPPLY FUSE NO.6



2006/09/15

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

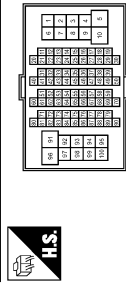
BATTERY POWER SUPPLY FUSE NO.6

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)
Connector Type	RK03EBR



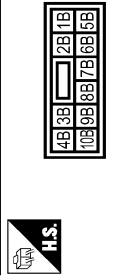
Terminal No.	1	Color of Wire	LG	Signal Name [Specification]	ILL.BAT
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Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



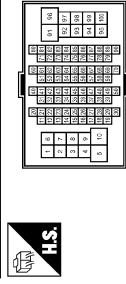
Terminal No.	86	Color of Wire	LG	Signal Name [Specification]	DATA LINK CONNECTOR
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Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NSJ0FW-CS



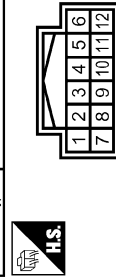
Terminal No.	6B	Color of Wire	Y	Signal Name [Specification]	
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



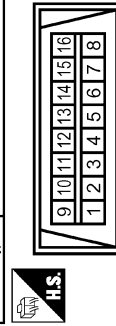
Terminal No.	86	Color of Wire	GR	Signal Name [Specification]	GR
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Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FW-NH



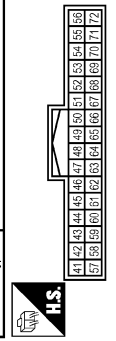
Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	ILL.BAT
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Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



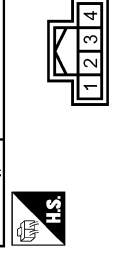
Terminal No.	16	Color of Wire	R	Signal Name [Specification]	
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Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP
Connector Type	TH32FW-NH



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



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

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.6

Connector No.	M105
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NSB



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

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NSB



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

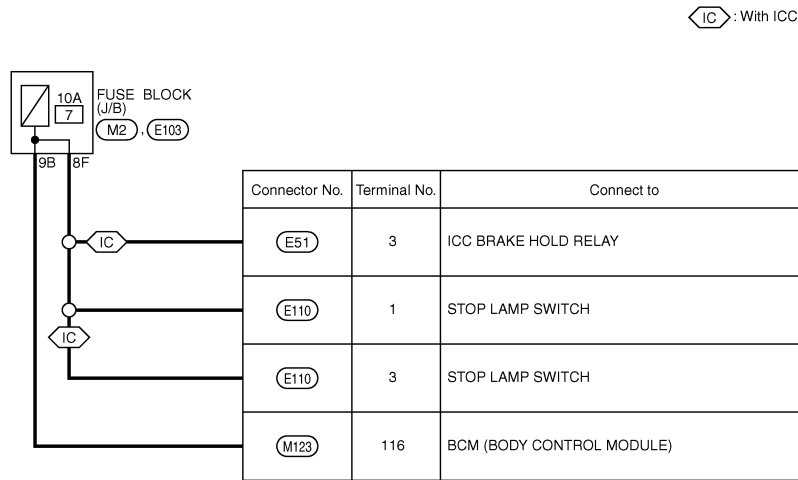
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 -

INFOID:000000001841338

BATTERY POWER SUPPLY FUSE NO.7



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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

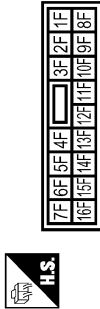
BATTERY POWER SUPPLY FUSE NO.7

Connector No.	E51
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	MS02FL-M2



Terminal No.	3	Color of Wire	R	Signal Name [Specification]	
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Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



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



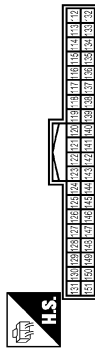
Terminal No.	3	Color of Wire	L	Signal Name [Specification]	
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Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



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



Terminal No.	116	Color of Wire	SB	Signal Name [Specification]	STOP LAMP LOW
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POWER SUPPLY ROUTING CIRCUIT


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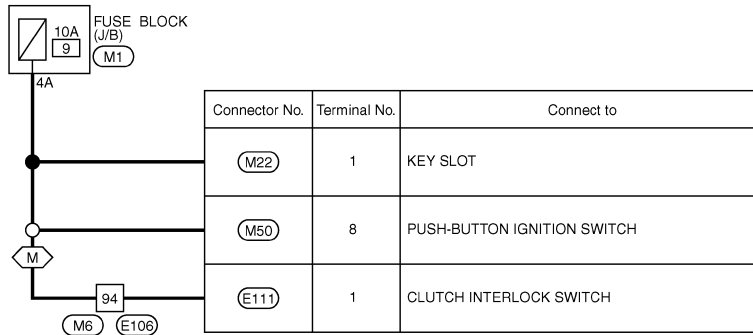
[POWER SUPPLY&GROUND CIRCUIT]

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

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POWER SUPPLY ROUTING CIRCUIT

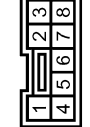
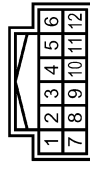
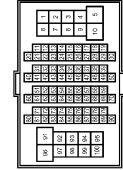
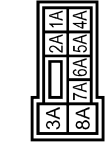
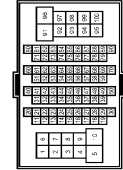
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.9

Connector No.	E106	Connector No.	M1	Connector No.	E111	Connector No.	M80	Connector No.	M22
Connector Name	WIRE TO WIRE	Connector Name	FUSE BLOCK (J/B)	Connector Name	CLUTCH INTERLOCK SWITCH	Connector Name	PUSH-BUTTON IGNITION SWITCH	Connector Name	KEY SLOT
Connector Type	TH80FW-GS16-TM4	Connector Type	NS08FW-M2	Connector Type	IS02FL	Connector Type	TK08FBR	Connector Type	TH12FW-NH

Terminal No.	94	Terminal No.	4A	Terminal No.	1	Terminal No.	8	Terminal No.	1
Color of Wire	G	Color of Wire	P	Color of Wire	G	Color of Wire	P	Color of Wire	R
Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]		Signal Name [Specification]	BAT



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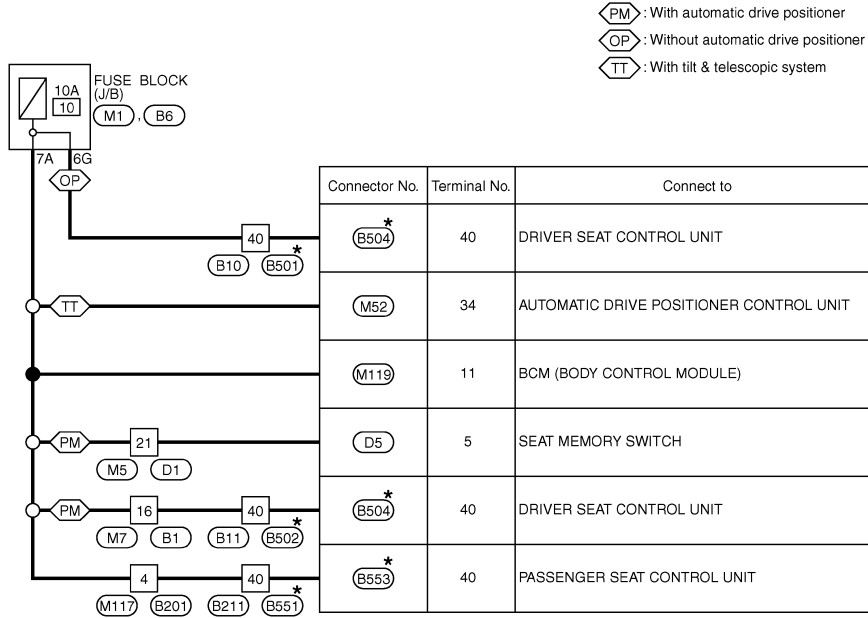
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000001841340



(PM) : With automatic drive positioner
 (OP) : Without automatic drive positioner
 (TT) : With tilt & telescopic system

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

2007/05/18

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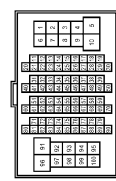
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]


BATTERY POWER SUPPLY FUSE NO.10

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




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

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




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

Connector No.	B10
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



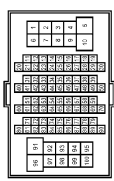
Terminal No.	40	G	—
Color of Wire	G		
Signal Name [Specification]			

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



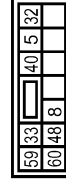
Terminal No.	40	BR	—
Color of Wire	BR		
Signal Name [Specification]			

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4




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

Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS




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

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



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

Connector No.	B502
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-LC



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

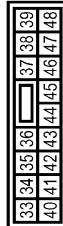
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

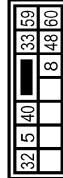
BATTERY POWER SUPPLY FUSE NO.10

Connector No.	B504
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



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

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



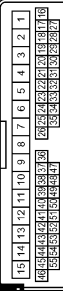
Terminal No.	40	R/W	Color of Wire	Signal Name [Specification]
				-

Connector No.	B553
Connector Name	PASSENGER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



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

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH46FW-CS15



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

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



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

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



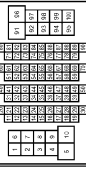
Terminal No.	7A	R	Color of Wire	Signal Name [Specification]
				-

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



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

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4



Terminal No.	10	BR	Color of Wire	Signal Name [Specification]
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.10

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



33	34	35	36	37	38	39
40	41	42	43	44	45	46
47	48					

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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS(B-TM4)



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
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Terminal No.	4		
Color of Wire	O		
Signal Name [Specification]			

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



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

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

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POWER SUPPLY ROUTING CIRCUIT





< COMPONENT DIAGNOSIS >

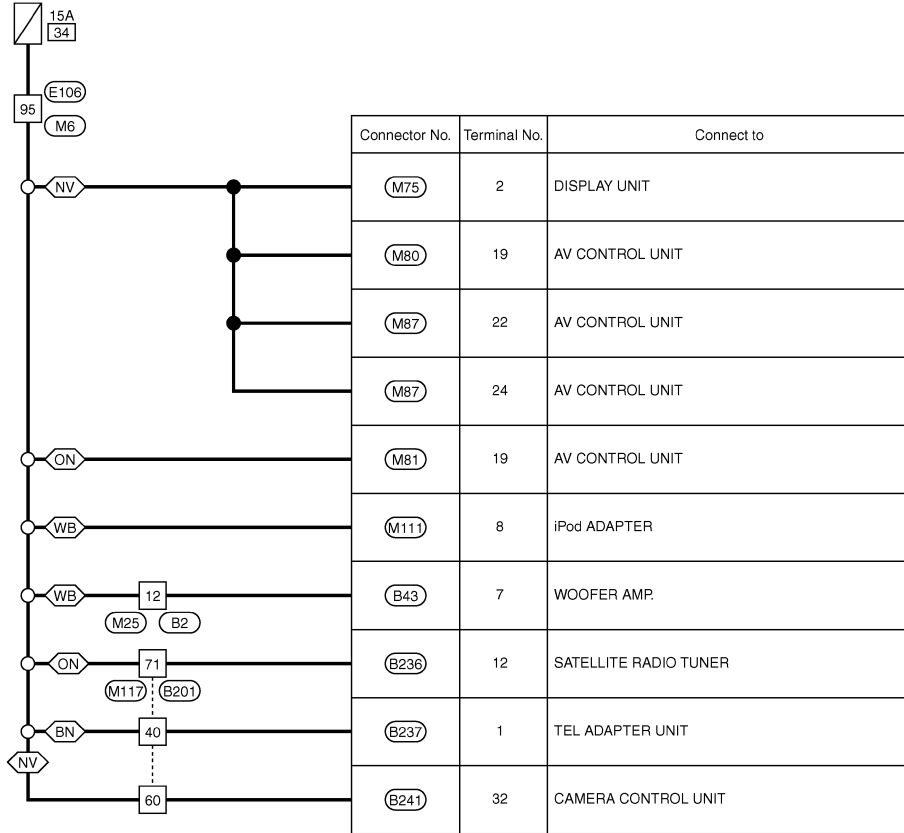
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000001841341

BATTERY POWER SUPPLY FUSE NO.34

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



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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

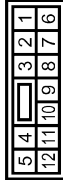
BATTERY POWER SUPPLY FUSE NO.34

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



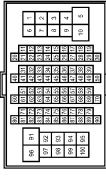
Terminal No.	12	Y	
Color of Wire	Y		
Signal Name [Specification]			

Connector No.	B43
Connector Name	WOOFER AMP.
Connector Type	NS12FW-CS



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS (6-TM4)



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

Connector No.	B236
Connector Name	SATELLITE RADIO TUNER
Connector Type	A16FW



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

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32PW-NH



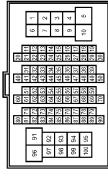
Terminal No.	1	GR	
Color of Wire	GR		
Signal Name [Specification]			

Connector No.	B241
Connector Name	CAMERA CONTROL UNIT
Connector Type	TH32PW-NH



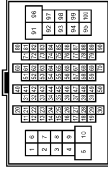
Terminal No.	32	BR	
Color of Wire	BR		
Signal Name [Specification]			

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS (6-TM4)



Terminal No.	95	Y	
Color of Wire	Y		
Signal Name [Specification]			

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MP-CS (6-TM4)



Terminal No.	95	Y	
Color of Wire	Y		
Signal Name [Specification]			

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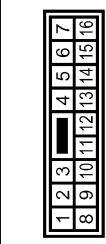
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

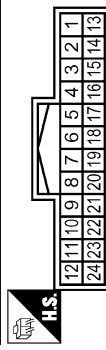
BATTERY POWER SUPPLY FUSE NO.34

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



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

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



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

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



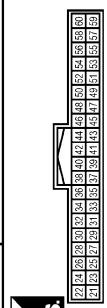
Terminal No.	19	Y	Signal Name [Specification]
Color of Wire	Y		BATTERY

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



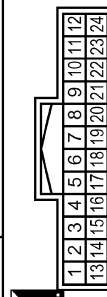
Terminal No.	19	Y	Signal Name [Specification]
Color of Wire	Y		BATTERY

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



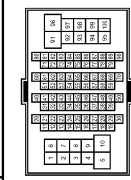
Terminal No.	22	Y	Signal Name [Specification]
Color of Wire	Y		BATTERY
Terminal No.	24	Y	Signal Name [Specification]
Color of Wire	Y		BATTERY

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



Terminal No.	8	W	Signal Name [Specification]
Color of Wire	W		CHARGE POWER [With A/T]
Terminal No.	8	L	Signal Name [Specification]
Color of Wire	L		CHARGE POWER [With M/T]

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4



Terminal No.	40	Y	Signal Name [Specification]
Color of Wire	Y		
Terminal No.	60	Y	Signal Name [Specification]
Color of Wire	Y		
Terminal No.	71	Y	Signal Name [Specification]
Color of Wire	Y		

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POWER SUPPLY ROUTING CIRCUIT

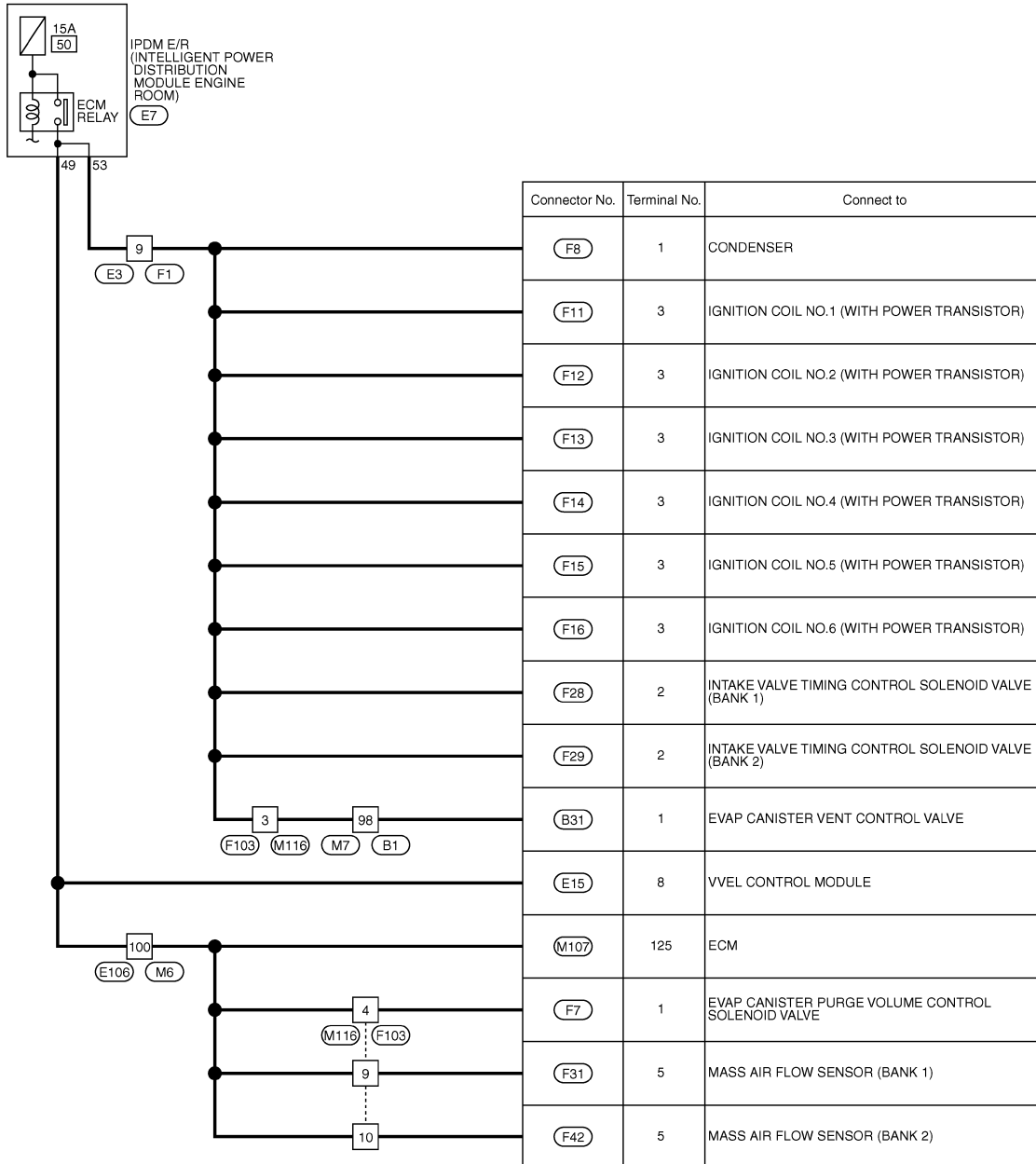
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

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BATTERY POWER SUPPLY FUSE NO.50



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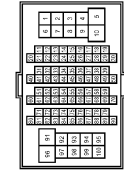
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.50

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



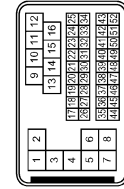
Terminal No.	98	W	
Color of Wire			
Signal Name [Specification]			

Connector No.	B31
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	ED2FB-RS



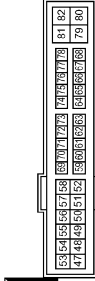
Terminal No.	1	W	
Color of Wire			
Signal Name [Specification]			

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SA438MB-RSS-SH28



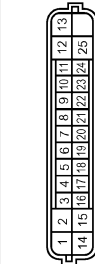
Terminal No.	9	W	
Color of Wire			
Signal Name [Specification]			

Connector No.	F7
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH20FW-CS12-IM



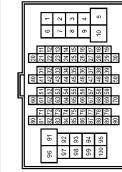
Terminal No.	49	O	
Color of Wire			
Signal Name [Specification]			

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



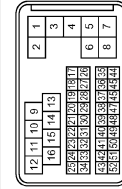
Terminal No.	8	O	VB
Color of Wire			
Signal Name [Specification]			

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



Terminal No.	100	O	
Color of Wire			
Signal Name [Specification]			

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SA438FB-RSS-SH28



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

Connector No.	F7
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	ED2FB-RS-LGY



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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.50

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



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

Connector No.	F11
Connector Name	IGNITION COIL NO.1 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



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

Connector No.	F12
Connector Name	IGNITION COIL NO.2 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



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

Connector No.	F13
Connector Name	IGNITION COIL NO.3 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



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

Connector No.	F14
Connector Name	IGNITION COIL NO.4 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



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

Connector No.	F15
Connector Name	IGNITION COIL NO.5 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



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

Connector No.	F16
Connector Name	IGNITION COIL NO.6 (WITH POWER TRANSISTOR)
Connector Type	ED3FGY-RS



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

Connector No.	F38
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	ED2FG-RS-LGT



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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.50

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	E20FG-PS-LGY



Terminal No.	2	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK1)
Connector Type	RH06FB



Terminal No.	5	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH06FB



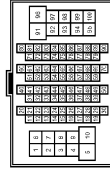
Terminal No.	5	Color of Wire	GR	Signal Name [Specification]	-
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



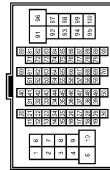
Terminal No.	3	Color of Wire	W	Signal Name [Specification]	-
Terminal No.	4	Color of Wire	R	Signal Name [Specification]	-
Terminal No.	9	Color of Wire	Y	Signal Name [Specification]	-
Terminal No.	10	Color of Wire	GR	Signal Name [Specification]	-

Connector No.	M8
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



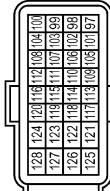
Terminal No.	100	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



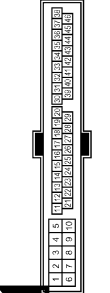
Terminal No.	98	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M107
Connector Name	ECM
Connector Type	PR42FGY-R28-R-LH-Z



Terminal No.	125	Color of Wire	R	Signal Name [Specification]	VBR
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Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MP-NS10



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

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POWER SUPPLY ROUTING CIRCUIT

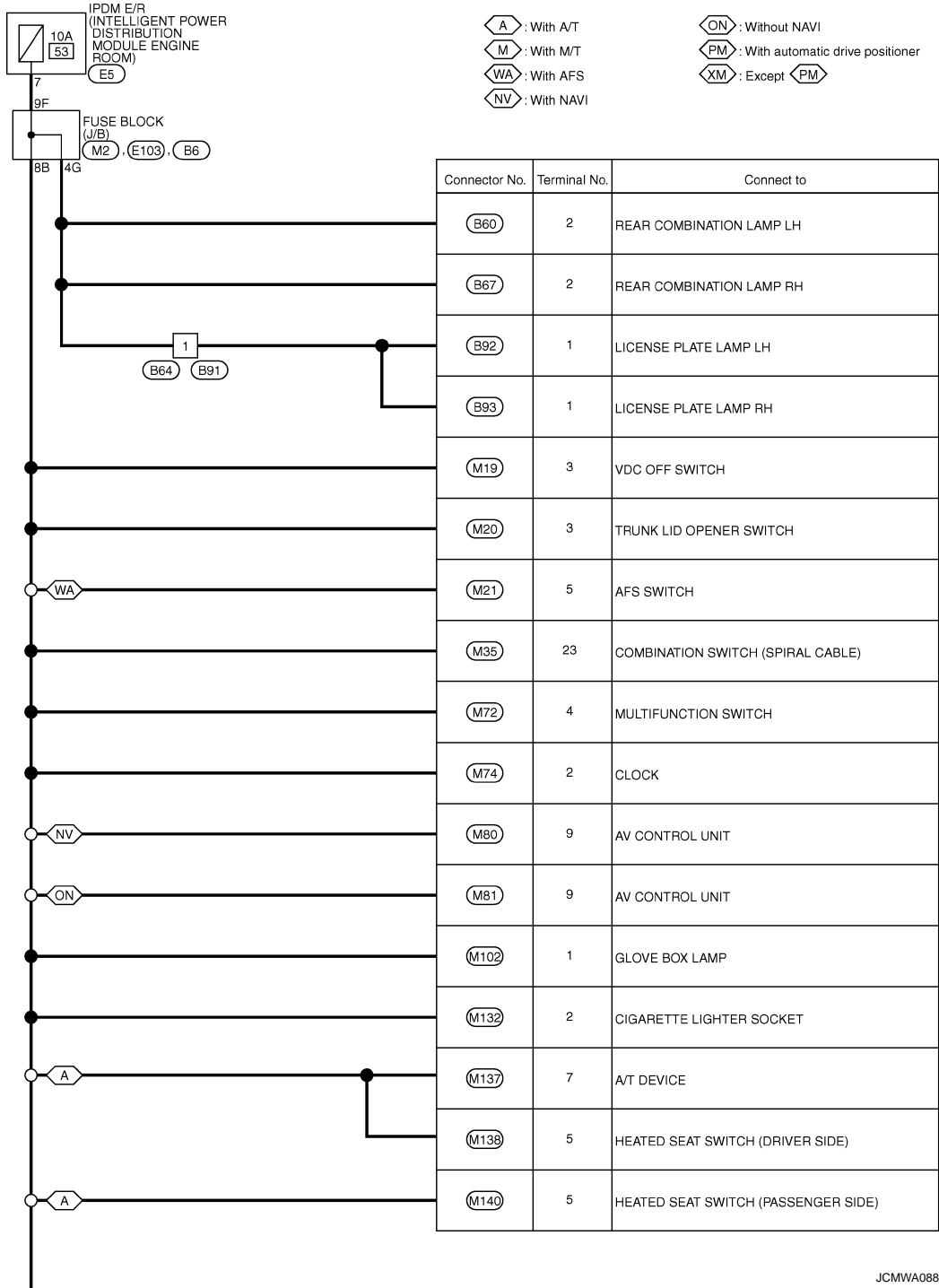
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000001841343

BATTERY POWER SUPPLY FUSE NO.53

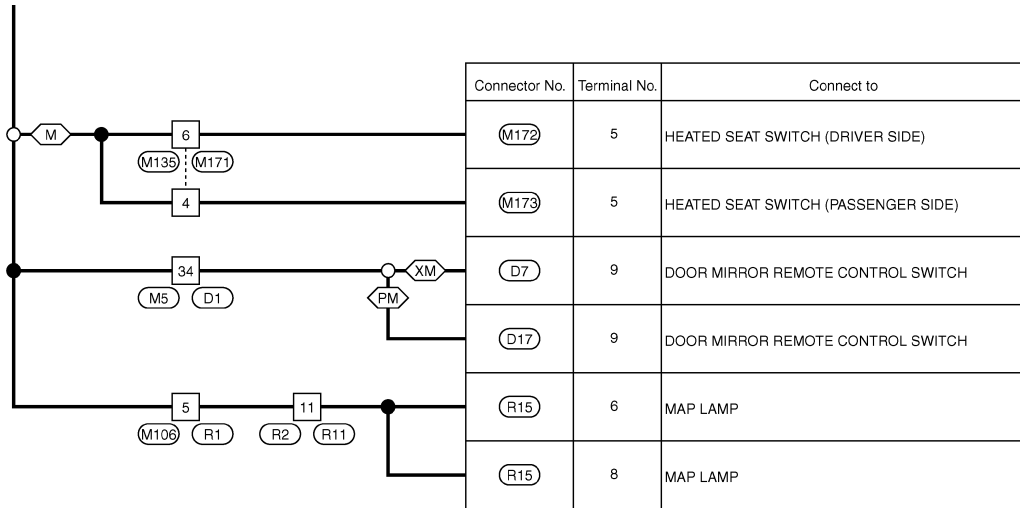


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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.53

Connector No.	B36
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



Terminal No.	4G	R	Signal Name [Specification]	-
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Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NS06BMW-CS



Terminal No.	2	R	Signal Name [Specification]	-
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Connector No.	B64
Connector Name	WIRE TO WIRE
Connector Type	RK02EGY



Terminal No.	1	R	Signal Name [Specification]	-
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Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS06BMW-CS



Terminal No.	2	R	Signal Name [Specification]	-
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Connector No.	B31
Connector Name	WIRE TO WIRE
Connector Type	RK02MGY



Terminal No.	1	-	Signal Name [Specification]	-
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Connector No.	B62
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RV02FBR



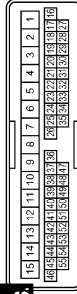
Terminal No.	1	G	Signal Name [Specification]	-
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Connector No.	B63
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RV02FBR



Terminal No.	1	G	Signal Name [Specification]	-
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Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH40PW-CS16



Terminal No.	34	R	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.	D7
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FW



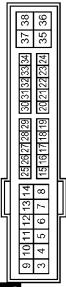
Terminal No.	9	R	Signal Name [Specification]
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Connector No.	D17
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16EBR



Terminal No.	9	R	Signal Name [Specification]
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Connector No.	EB
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12, M4-1V



Terminal No.	7	R	Signal Name [Specification]
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Connector No.	F103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



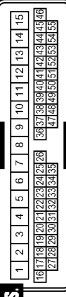
Terminal No.	9F	R	Signal Name [Specification]
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Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS



Terminal No.	8B	R	Signal Name [Specification]
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Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	34	G	Signal Name [Specification]
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Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK6BFGY



Terminal No.	3	SB	Signal Name [Specification]
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Connector No.	M20
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TK6BFW



Terminal No.	3	LG	Signal Name [Specification]
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

BATTERY POWER SUPPLY FUSE NO.53

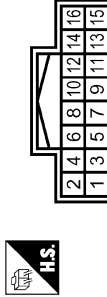
Connector No.	M21
Connector Name	AFS SWITCH
Connector Type	TK06FW-TV



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



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



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



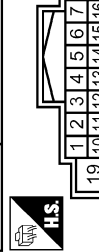
Terminal No.	5
Color of Wire	O
Signal Name [Specification]	-

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

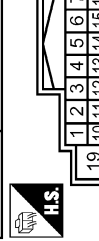
Terminal No.	4
Color of Wire	O
Signal Name [Specification]	ILL

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

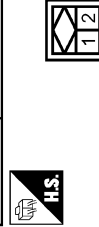
Connector No.	M80
Connector Name	AV CONTROL UNIT (WITH NAVI)
Connector Type	TH18FW-CS2



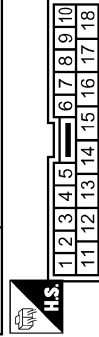
Connector No.	M81
Connector Name	AV CONTROL UNIT (WITHOUT NAVI)
Connector Type	TH18FW-CS2



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



Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MP-NS5



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

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

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

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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

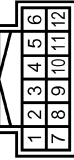
BATTERY POWER SUPPLY FUSE NO.53

Connector No.	M132	Connector No.	M135
Connector Name	CIGARETTE LIGHTER SOCKET	Connector Name	WIRE TO WIRE
Connector Type	NS03FW-CS	Connector Type	NS12MW-CS

Terminal No.	2	Color of Wire	BR	Signal Name [Specification]	-
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Terminal No.	4	Color of Wire	L	Signal Name [Specification]	-
Terminal No.	6	Color of Wire	R	Signal Name [Specification]	-

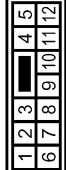
Terminal No.	5	Color of Wire	R	Signal Name [Specification]	-
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Connector No.	M140	Connector No.	M171
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)	Connector Name	WIRE TO WIRE
Connector Type	NS08PBR-CS	Connector Type	NS12FW-CS

Terminal No.	5	Color of Wire	L	Signal Name [Specification]	-
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Terminal No.	4	Color of Wire	R	Signal Name [Specification]	-
Terminal No.	6	Color of Wire	R	Signal Name [Specification]	-



Connector No.	M172	Connector No.	M173
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)	Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS06FW-CS	Connector Type	NS08PBR-CS

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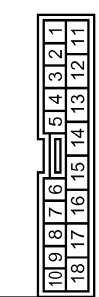
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

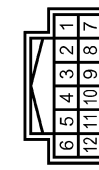
BATTERY POWER SUPPLY FUSE NO.53

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TK0PW-1S8




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

Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



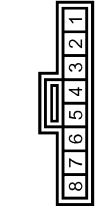
Terminal No.	Color of Wire	Signal Name [Specification]
11	Y	-

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



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

Connector No.	R15
Connector Name	MAP LAMP
Connector Type	TK0BE-GY



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






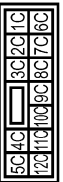
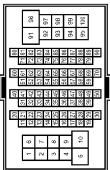

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY

Connector No. E2	FUSIBLE LINK HOLDER L02FGY-NC		Terminal No. 4	Color of Wire R	Signal Name [Specification]
Connector No. E101	FUSE BLOCK (J/B) L01FW-NC		Terminal No. 1D	Color of Wire R	Signal Name [Specification]
Connector No. E105	WIRE TO WIRE T180FW-CS16-TM4		Terminal No. 91	Color of Wire W	Signal Name [Specification]
Connector No. M1	FUSE BLOCK (J/B) NS08FW-M2		Terminal No. 5A 6A 7A	Color of Wire L Y R	Signal Name [Specification]
Connector No. M2	FUSE BLOCK (J/B) NS10PW-CS		Terminal No. 5B 7B	Color of Wire O P	Signal Name [Specification]
Connector No. M3	FUSE BLOCK (J/B) NS12PW-CS		Terminal No. 7C	Color of Wire B	Signal Name [Specification]
Connector No. M6	WIRE TO WIRE T180MW-CS16-TM4		Terminal No. 91	Color of Wire W	Signal Name [Specification]
Connector No. M11B	BCM (BODY CONTROL MODULE) M03FB-LC		Terminal No. 1	Color of Wire W	Signal Name [Specification] BAT (F/L)

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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY&GROUND CIRCUIT]

< COMPONENT DIAGNOSIS >

ACCESSORY POWER SUPPLY

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



Terminal No.	11	R	Signal Name [Specification]	BAT (FUSE)
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Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	95	O	Signal Name [Specification]	ACC CONT
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Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS33FW-CS



Terminal No.	3	P	Signal Name [Specification]	
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Connector No.	M133
Connector Name	WIRE TO WIRE
Connector Type	M02FB-LC



Terminal No.	1	Y	Signal Name [Specification]	
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Connector No.	M148
Connector Name	POWER SOCKET
Connector Type	P02FB-Z



Terminal No.	1	Y	Signal Name [Specification]	
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Connector No.	M151
Connector Name	WIRE TO WIRE
Connector Type	M02MB-P-LC



Terminal No.	1	R	Signal Name [Specification]	
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Connector No.	M152
Connector Name	POWER SOCKET
Connector Type	P02FB-Z



Terminal No.	1	R	Signal Name [Specification]	
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POWER SUPPLY ROUTING CIRCUIT

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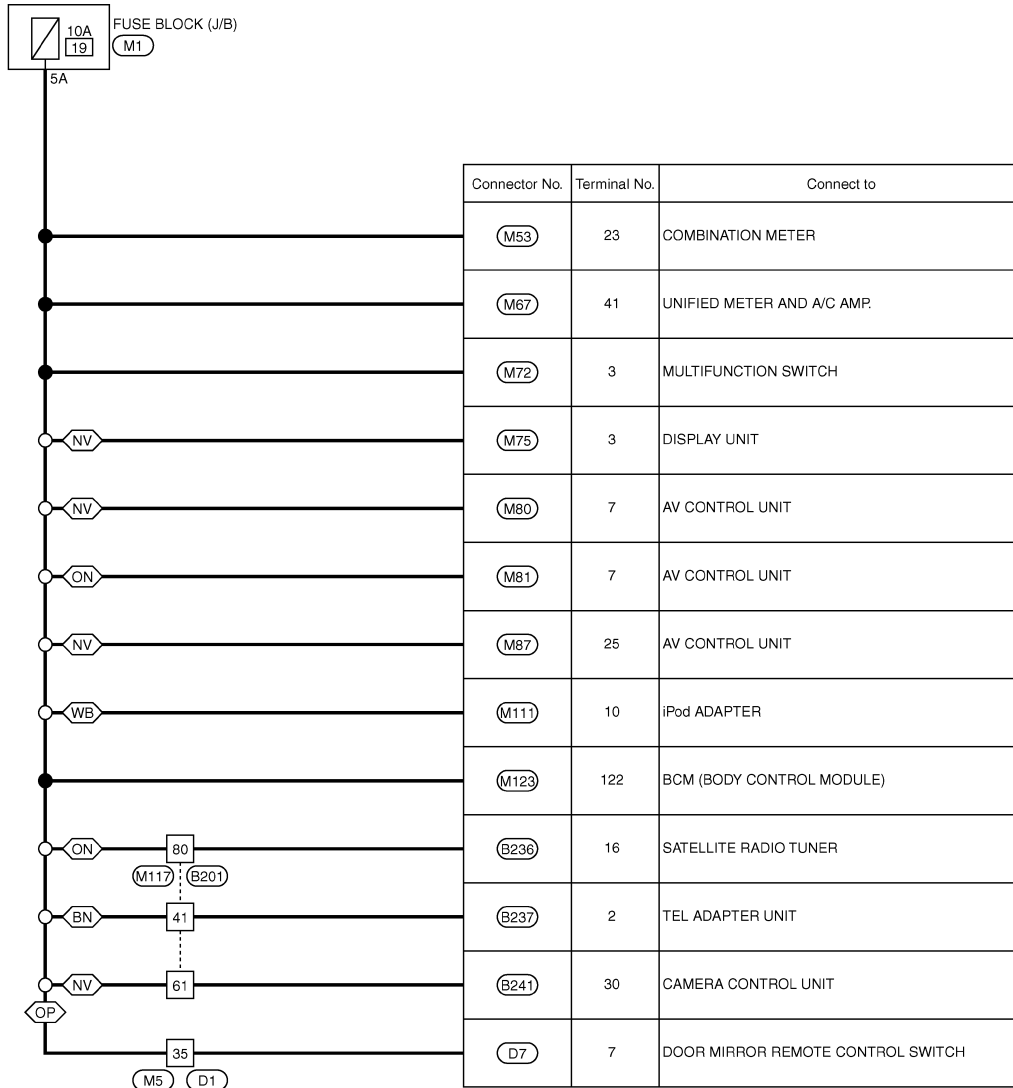
[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

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ACCESSORY POWER SUPPLY FUSE NO.19

- ◻WB◻ : With BOSE system
- ◻NV◻ : With NAVI
- ◻ON◻ : Without NAVI
- ◻BN◻ : With BOSE system without NAVI
- ◻OP◻ : Without automatic drive positioner



2007/05/18

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ACCESSORY POWER SUPPLY FUSE NO.19

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB4FW

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Terminal No.	10	L	COMM (iPod->iPod ADAPTER)
Color of Wire			
Signal Name [Specification]			

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

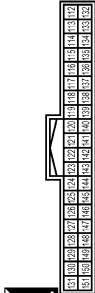
ACCESSORY POWER SUPPLY FUSE NO.19

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-C316-TM4



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

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-1N1



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

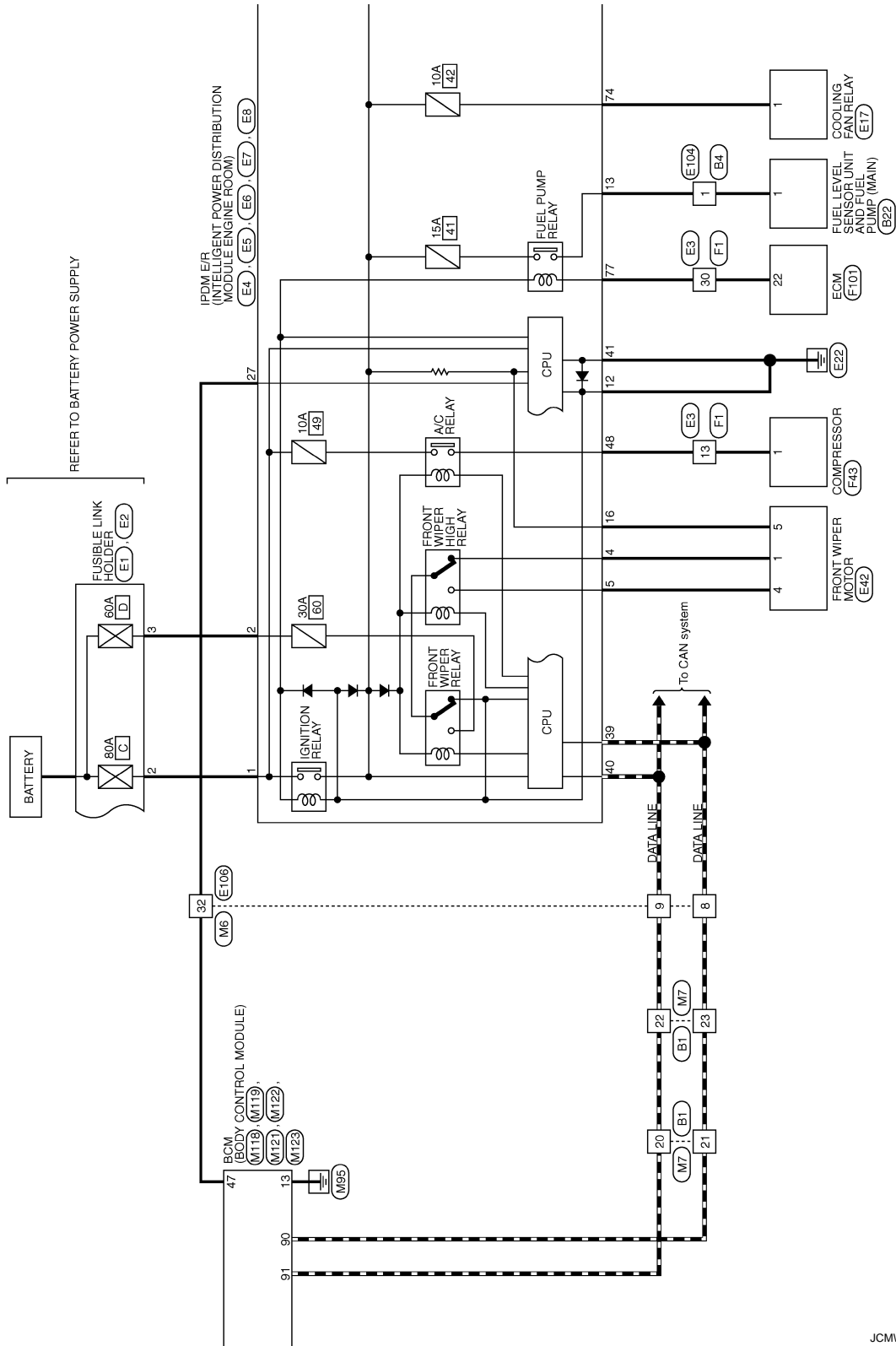
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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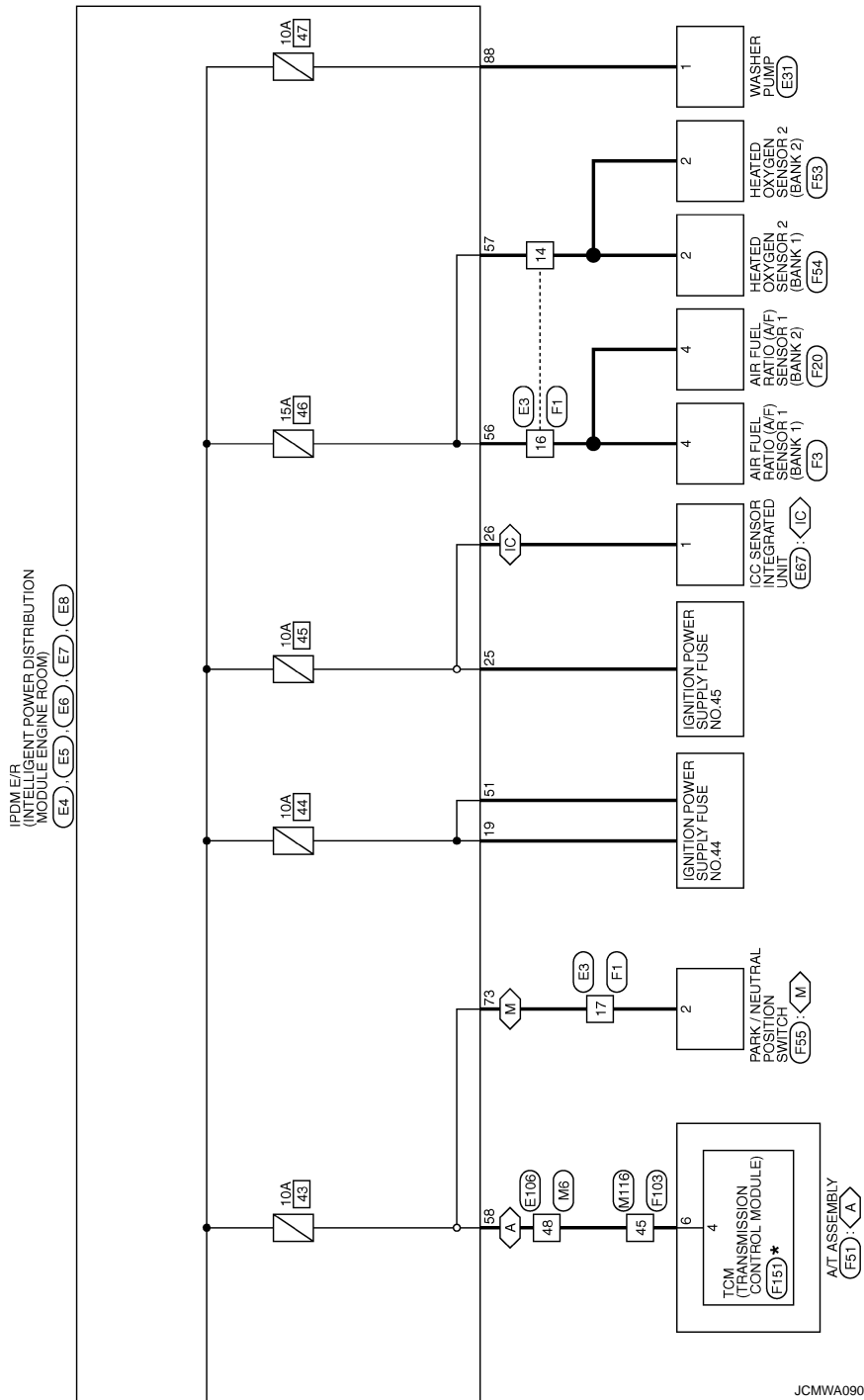
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

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



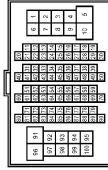




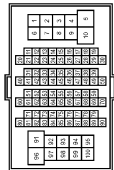
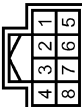
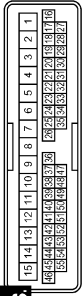
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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. B1	WIRE TO WIRE TH80FW-CS16-TM4		Terminal No.	Color of Wire	Signal Name [Specification]
			20	L	-
			21	P	-
			22	L	-
			23	P	-
Connector No. B2	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN) E65FY-RS		Terminal No.	Color of Wire	Signal Name [Specification]
			1	P	-
Connector No. B3	FUSE BLOCK (J/B) NS12FBR-CS		Terminal No.	Color of Wire	Signal Name [Specification]
			10G	W	-
			11G	W	-
Connector No. B4	WIRE TO WIRE NS08FW-CS		Terminal No.	Color of Wire	Signal Name [Specification]
			1	P	-
Connector No. B26	CONDENSER M01FW-LC		Terminal No.	Color of Wire	Signal Name [Specification]
			1	Y	-
Connector No. B201	WIRE TO WIRE TH80FW-CS16-TM4		Terminal No.	Color of Wire	Signal Name [Specification]
			6	R	-
Connector No. B214	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT TH80FW-NH		Terminal No.	Color of Wire	Signal Name [Specification]
			4	R	IGN
Connector No. D1	WIRE TO WIRE TH40FW-CS15		Terminal No.	Color of Wire	Signal Name [Specification]
			52	L	-

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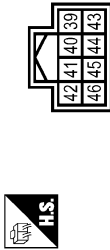
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

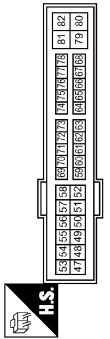
IGNITION POWER SUPPLY

Connector No.	E6
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	TH08FW-IN1



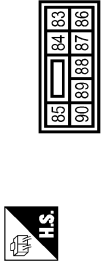
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B/W	-

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



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

Connector No.	E8
Connector Name	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
Connector Type	NS03FW-CS



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347_9F300



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

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	E07FGY-RS



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

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS05FGY



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

Connector No.	E67
Connector Name	ICC SENSOR INTEGRATED UNIT
Connector Type	RS03FB-PR



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	U01FW-MC



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

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	IM02EB-1C



Terminal No.	1E	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	6F	Color of Wire	G	BR	Signal Name [Specification]	-
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Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS30MM-CS



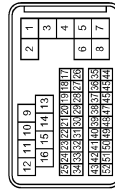
Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FY-CS/6-TM4



Terminal No.	8	9	32	45	48	91	Color of Wire	P	L	O	BR	L	W	Signal Name [Specification]	-
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Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA30FB-RSS-SH2B



Terminal No.	13	14	16	17	30	Color of Wire	L	LG	Y	W	R	Signal Name [Specification]	-
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Connector No.	F20
Connector Name	MAP FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	FAZ204FB



Terminal No.	4	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



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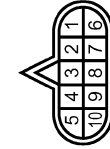
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

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



Terminal No.	6	Y	Signal Name [Specification]
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Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AEZ04FB



Terminal No.	2	LG	Signal Name [Specification]
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Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AEZ04FB



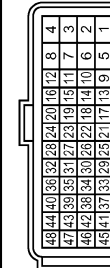
Terminal No.	2	R	Signal Name [Specification]
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Connector No.	F55
Connector Name	PARK/NEUTRAL POSITION SWITCH
Connector Type	RK02FB



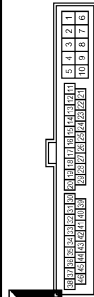
Terminal No.	2	W	Signal Name [Specification]
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Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-1-LH-Z



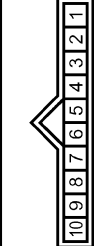
Terminal No.	22	R	Signal Name [Specification]
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK68FW-HS1.0



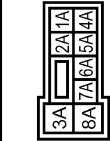
Terminal No.	45	Y	Signal Name [Specification]
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Connector No.	F151
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FBGY



Terminal No.	4	R	Signal Name [Specification]
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06FW-M2



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

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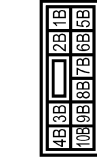
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

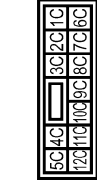
IGNITION POWER SUPPLY

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10PW-CS



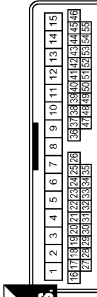
Terminal No.	4B	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12PW-CS



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

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



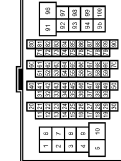
Terminal No.	52	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



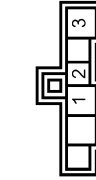
Terminal No.	8	Color of Wire	P	Signal Name [Specification]	-
9	L	-	-	-	-
32	Y	-	-	-	-
45	O	-	-	-	-
48	G	-	-	-	-
91	W	-	-	-	-

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



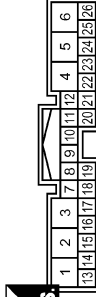
Terminal No.	20	Color of Wire	L	Signal Name [Specification]	-
21	P	-	-	-	-
22	L	-	-	-	-
23	P	-	-	-	-

Connector No.	M9
Connector Name	BLOWER MOTOR
Connector Type	NS03PW-M3



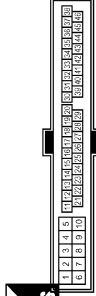
Terminal No.	1	Color of Wire	L	Signal Name [Specification]	-
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Connector No.	M10
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH20PW-TB6



Terminal No.	13	Color of Wire	W	Signal Name [Specification]	IGN
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Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MP-NS10



Terminal No.	45	Color of Wire	G	Signal Name [Specification]	-
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JCMWA0909GE

POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY

Connector No. M117	WIRE TO WIRE	TH40MW-CS16-TM4	Terminal No. 6	Color of Wire R	Signal Name [Specification]
Connector Name BCM (BODY CONTROL MODULE)					
Connector Type TH40FP-NH					
Connector No. M118	BCM (BODY CONTROL MODULE)	MC3FB-IC	Terminal No. 1	Color of Wire W	Signal Name [Specification] BAT (F/L)
Connector Name BCM (BODY CONTROL MODULE)					
Connector Type MS3FB-CS					
Connector No. M119	BCM (BODY CONTROL MODULE)	MS36FW-CS	Terminal No. 11	Color of Wire R	Signal Name [Specification] BAT (FUSE)
Connector Name BCM (BODY CONTROL MODULE)					
Connector Type TH40FP-NH					
Connector No. M121	BCM (BODY CONTROL MODULE)	TH40FY-NH	Terminal No. 47	Color of Wire Y	Signal Name [Specification] ING USM CONT.
Connector Name BCM (BODY CONTROL MODULE)					
Connector Type TH40FP-NH					
Connector No. M122	BCM (BODY CONTROL MODULE)	TH40FP-NH	Terminal No. 82	Color of Wire R	Signal Name [Specification] IGN ELECC CONT
Connector Name BCM (BODY CONTROL MODULE)					
Connector Type TH40FP-NH					
Terminal No. 90	Color of Wire P	Signal Name [Specification] CAN-L	Terminal No. 91	Color of Wire L	Signal Name [Specification] CAN-H
Terminal No. 102	Color of Wire O	Signal Name [Specification] IGN2 CONT			
Connector No. M123	BCM (BODY CONTROL MODULE)	TH40FG-NH	Terminal No. 151	Color of Wire G	Signal Name [Specification] REAR DEFOGGER OUTPUT
Connector Name BCM (BODY CONTROL MODULE)					
Connector Type TH40FP-NH					
Connector No. M124	WIRE TO WIRE	TH40MW-CS16	Terminal No. 52	Color of Wire O	Signal Name [Specification]
Connector Name WIRE TO WIRE					
Connector Type TH40FP-NH					
Connector No. M147	AIR BAG DIAGNOSIS SENSOR UNIT	TX28FY-EY-SC	Terminal No. 1	Color of Wire LG	Signal Name [Specification] IGN
Connector Name AIR BAG DIAGNOSIS SENSOR UNIT					
Connector Type TX28FY-EY-SC					

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POWER SUPPLY ROUTING CIRCUIT

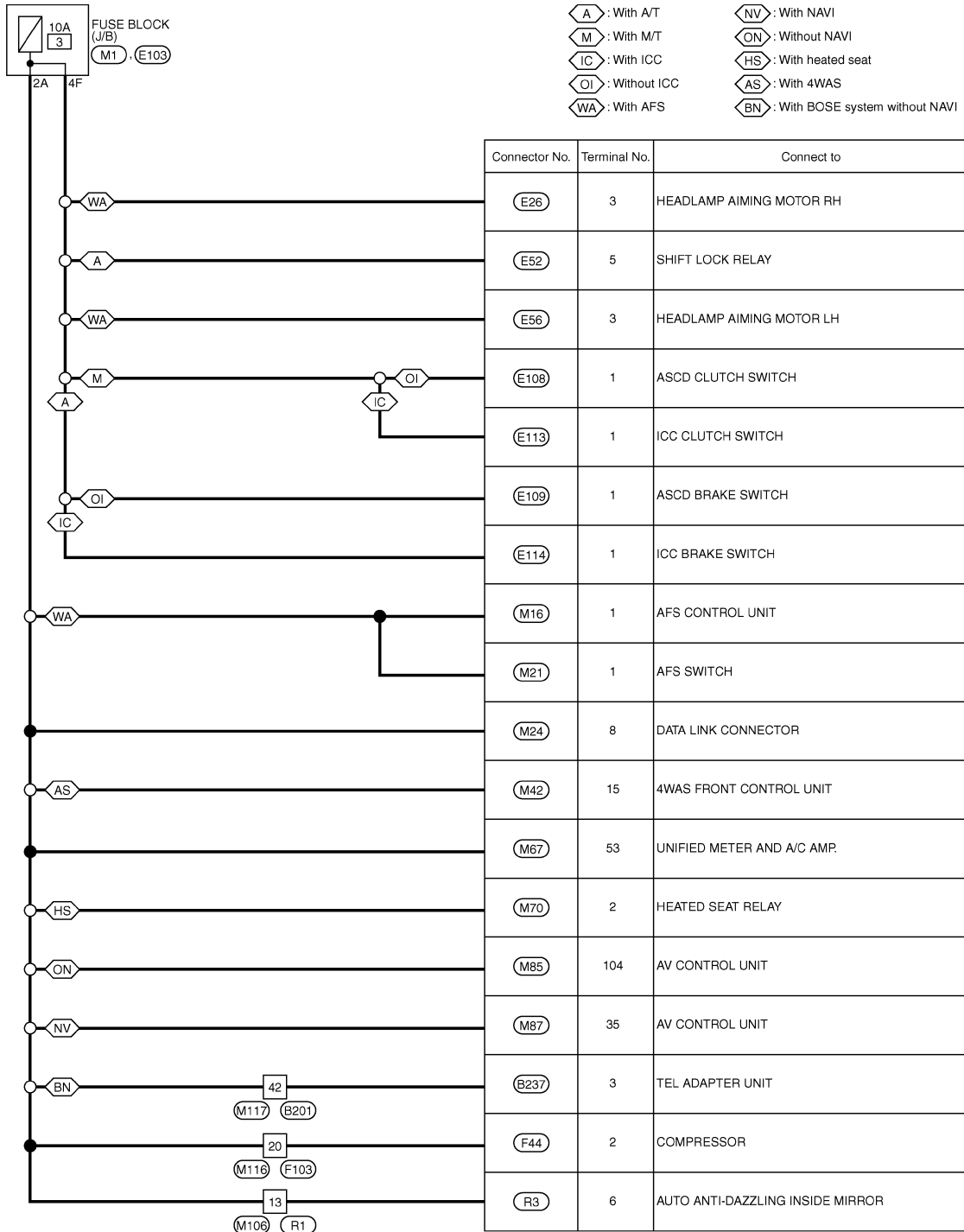
< COMPONENT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000001841345

IGNITION POWER SUPPLY FUSE NO.3



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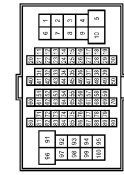
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

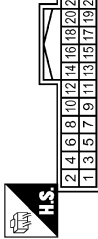
IGNITION POWER SUPPLY FUSE NO.3

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



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

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



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

Connector No.	E26
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	RV03FB



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

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



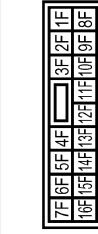
Terminal No.	5	Y	Signal Name [Specification]
Color of Wire	Y		

Connector No.	E56
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	RV03FB



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

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS16FW-CS



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

Connector No.	E108
Connector Name	ASCD CLUTCH SWITCH
Connector Type	IS02FL



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

Connector No.	E109
Connector Name	ASCD BRAKE SWITCH
Connector Type	IS02FL



Terminal No.	1	G	Signal Name [Specification]
Color of Wire	G		— (WREN A/V)

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.3

Connector No.	E113
Connector Name	ICC GLUTCH SWITCH
Connector Type	S02FL



Terminal No.	1	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	E114
Connector Name	ICC BRAKE SWITCH
Connector Type	S02EL



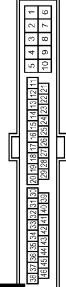
Terminal No.	1	Color of Wire	G	Signal Name [Specification]	- [With A/T]
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Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	FK02EGY



Terminal No.	2	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK3FW-NS/D



Terminal No.	20	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS08FW-M2



Terminal No.	2A	Color of Wire	G	Signal Name [Specification]	-
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Connector No.	M16
Connector Name	AFS CONTROL UNIT
Connector Type	TH40FW-NH



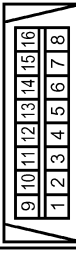
Terminal No.	1	Color of Wire	R	Signal Name [Specification]	IGN
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Connector No.	M21
Connector Name	AFS SWITCH
Connector Type	TK08FW-IV



Terminal No.	1	Color of Wire	Y	Signal Name [Specification]	-
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Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD19FW



Terminal No.	8	Color of Wire	G	Signal Name [Specification]	-
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JCMWA0913GE

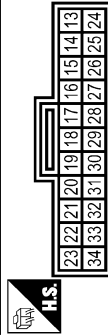
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

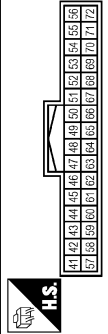
IGNITION POWER SUPPLY FUSE NO.3

Connector No.	M42
Connector Name	AWAS FRONT CONTROL UNIT
Connector Type	TK22FW



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

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



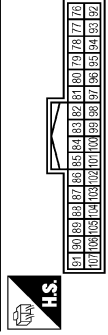
Terminal No.	53	W	IGN
Color of Wire			
Signal Name [Specification]			

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS30FL-M2



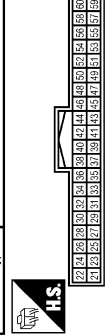
Terminal No.	2	P	
Color of Wire			
Signal Name [Specification]			

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



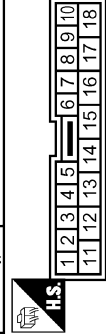
Terminal No.	104	G	IGNITION
Color of Wire			
Signal Name [Specification]			

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



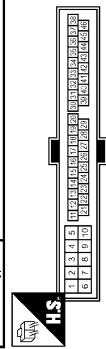
Terminal No.	35	G	IGNITION
Color of Wire			
Signal Name [Specification]			

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TK10MW-NS5



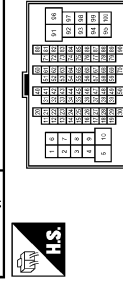
Terminal No.	13	P	
Color of Wire			
Signal Name [Specification]			

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MW-NS10



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

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH68MW-CS16-TM4



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

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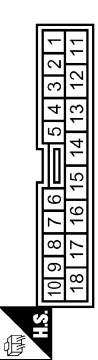
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.3

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TKD0FV-1S3



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



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

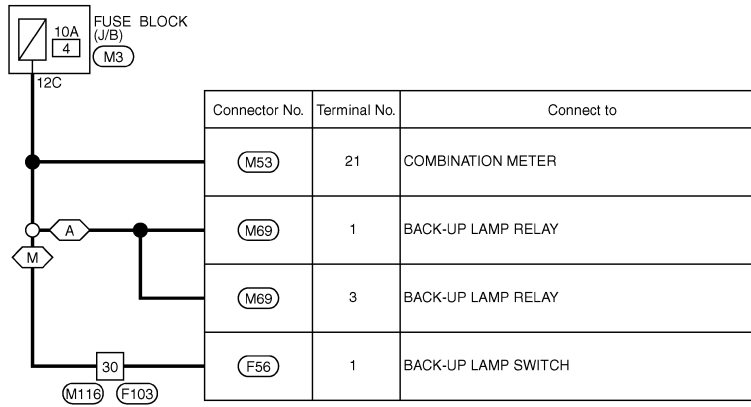
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000001841346

⬡ A : With A/T
⬡ M : With M/T



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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

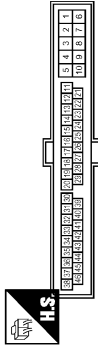
IGNITION POWER SUPPLY FUSE NO.4

Connector No.	F55
Connector Name	BACK-UP LAMP SWITCH
Connector Type	RK02FB



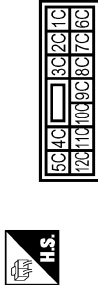
Terminal No.	1	Color of Wire	R	Signal Name [Specification]	

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



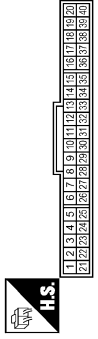
Terminal No.	30	Color of Wire	R	Signal Name [Specification]	

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-S5



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

Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	SAB40FW



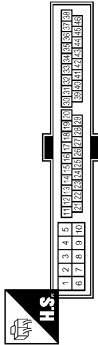
Terminal No.	21	Color of Wire	R	Signal Name [Specification]	IGN

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



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

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK38MF-NS10



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

POWER SUPPLY ROUTING CIRCUIT

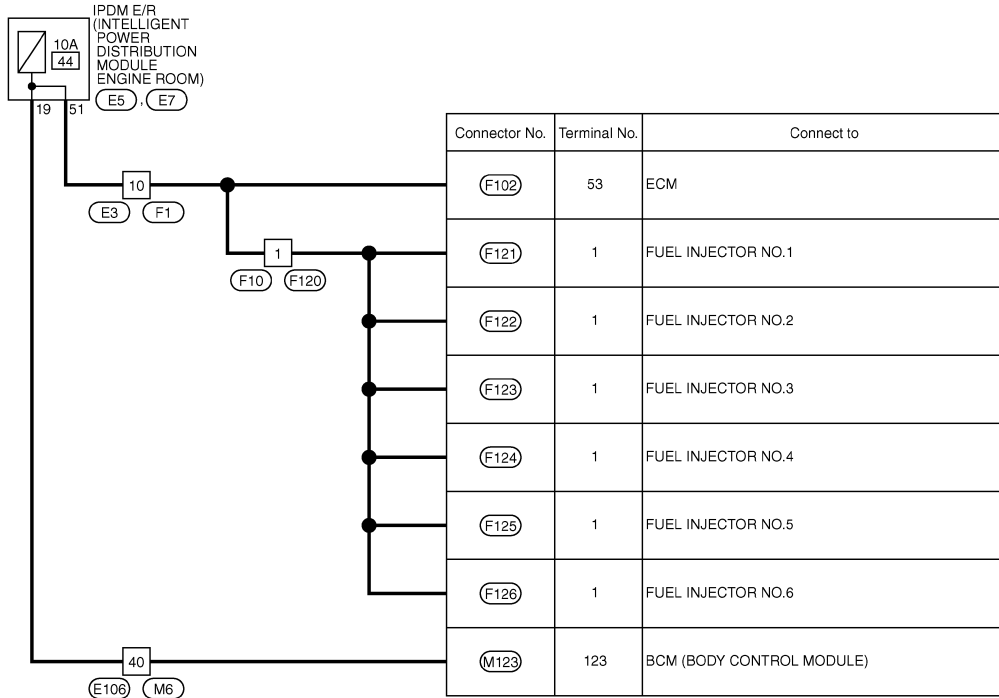
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

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IGNITION POWER SUPPLY FUSE NO.44



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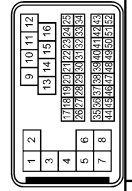
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

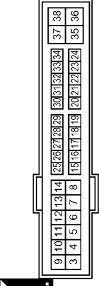
IGNITION POWER SUPPLY FUSE NO.44

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAA36MB-RSS-SH28



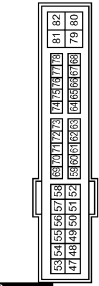
Terminal No.	10	Y	—
Color of Wire			
Signal Name [Specification]			

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



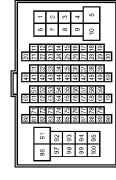
Terminal No.	19	W	—
Color of Wire			
Signal Name [Specification]			

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



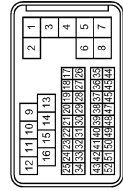
Terminal No.	51	Y	—
Color of Wire			
Signal Name [Specification]			

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



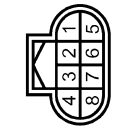
Terminal No.	40	W	—
Color of Wire			
Signal Name [Specification]			

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAA36FB-RSS-SH28



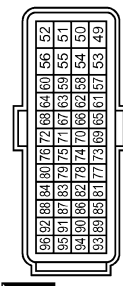
Terminal No.	10	G	—
Color of Wire			
Signal Name [Specification]			

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




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

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FBR-R25-L-LH-Z



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

Connector No.	F120
Connector Name	WIRE TO WIRE
Connector Type	RH03MB











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









POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.44

Connector No.	F121	Connector No.	F122	Connector No.	F123	Connector No.	F124
Connector Name	FUEL INJECTOR NO.1	Connector Name	FUEL INJECTOR NO.2	Connector Name	FUEL INJECTOR NO.3	Connector Name	FUEL INJECTOR NO.4
Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	HS02FGY
       							
Terminal No.	I	Terminal No.	I	Terminal No.	I	Terminal No.	I
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]	-	Signal Name [Specification]	-

Connector No.	F125	Connector No.	F126	Connector No.	M6	Connector No.	M123
Connector Name	FUEL INJECTOR NO.5	Connector Name	FUEL INJECTOR NO.6	Connector Name	WIRE TO WIRE	Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	HS02FGY	Connector Type	HS02FGY	Connector Type	TH80MM-C516-7M4	Connector Type	TH40FG-NH
       							
Terminal No.	I	Terminal No.	I	Terminal No.	40	Terminal No.	123
Color of Wire	G	Color of Wire	G	Color of Wire	W	Color of Wire	W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGN F/B

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POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

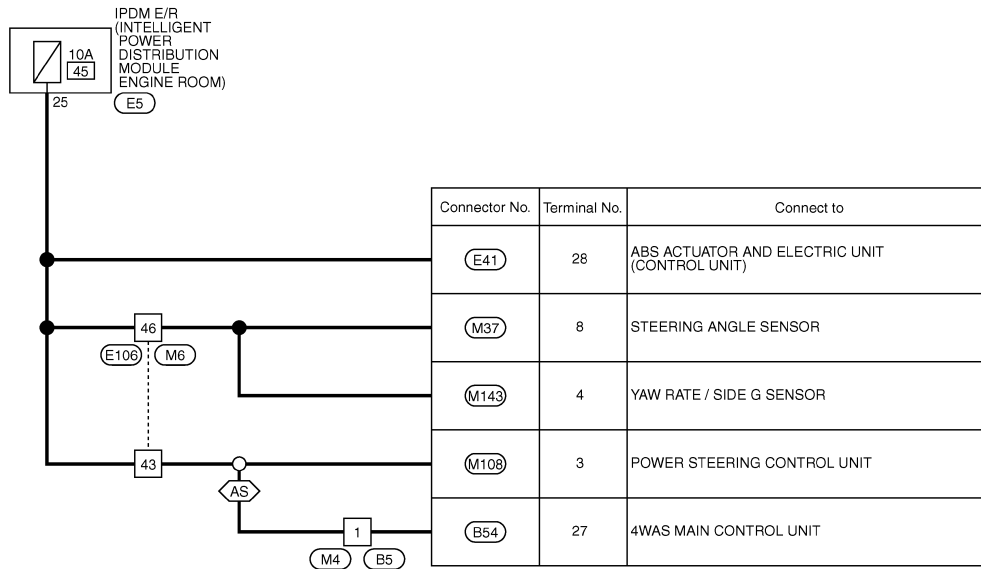
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000001841349

IGNITION POWER SUPPLY FUSE NO.45

AS : With 4WAS



2007/05/18

JCMWA0921GE

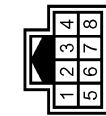
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

IGNITION POWER SUPPLY FUSE NO.45

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



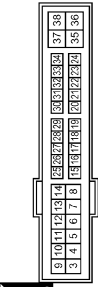
Terminal No.	1	V	-
Color of Wire			
Signal Name [Specification]			

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



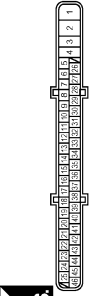
Terminal No.	27	V	IGN
Color of Wire			
Signal Name [Specification]			

Connector No.	E3
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH02PW-CS12-M4-1V



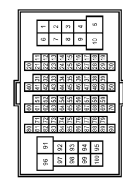
Terminal No.	25	G	-
Color of Wire			
Signal Name [Specification]			

Connector No.	F41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	B3A42FB-AH24-LH



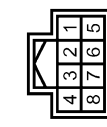
Terminal No.	23	G	UZ
Color of Wire			
Signal Name [Specification]			

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-CS16-TM4



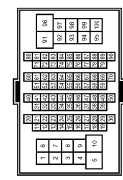
Terminal No.	43	G	-
Color of Wire			
Signal Name [Specification]			

Connector No.	IM4
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-NH



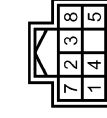
Terminal No.	1	G	-
Color of Wire			
Signal Name [Specification]			

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH08MM-CS16-TM4



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

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08PW-NH



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

JCMWA0922GE

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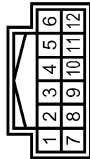
POWER SUPPLY ROUTING CIRCUIT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

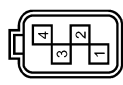
IGNITION POWER SUPPLY FUSE NO.45

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



Terminal No.	3	Color of Wire	G	Signal Name [Specification]	VIGN
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Connector No.	M143
Connector Name	YAW RATE/SIDE G SENSOR
Connector Type	AAZ04EB



Terminal No.	4	Color of Wire	G	Signal Name [Specification]	12V
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JCMWA0923Gf

POWER SUPPLY ROUTING CIRCUIT

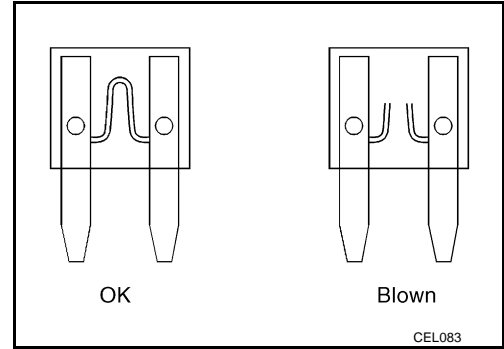
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Fuse

INFOID:000000001680421

- 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

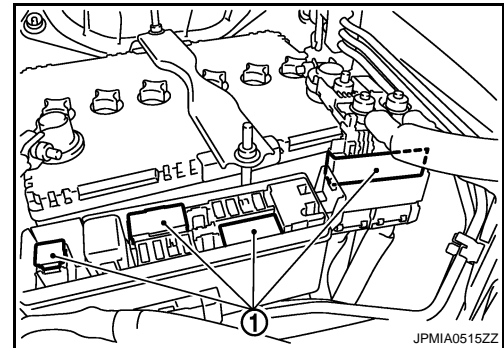
INFOID:000000001680422

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:

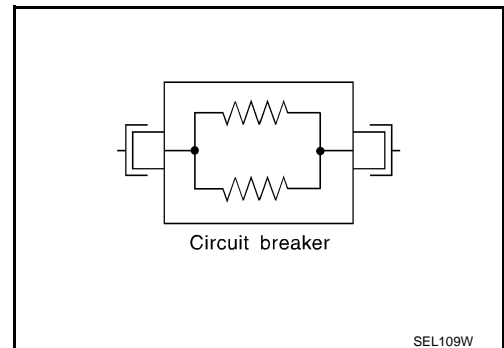
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



Circuit Breaker

INFOID:000000001680423

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



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HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

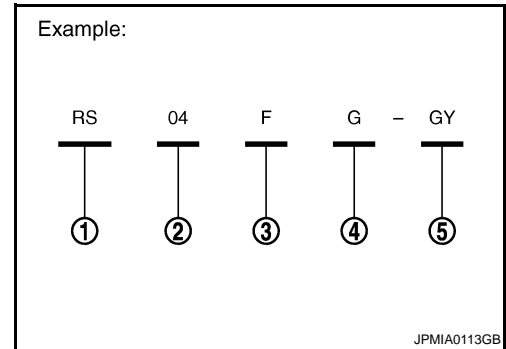
[POWER SUPPLY&GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout






INFOID:000000001680424

- 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

HARNES LAYOUT

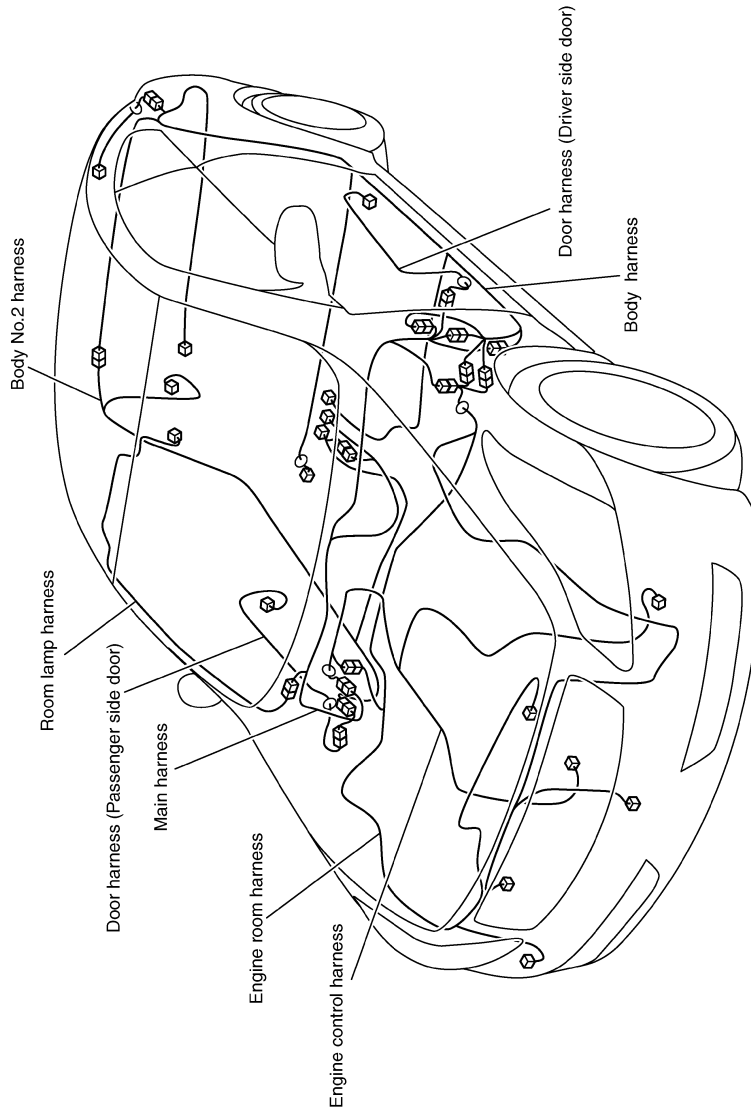
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Outline

INFOID:000000001680425

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



OUTLINE

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JCMIA0182GB

HARNES LAYOUT

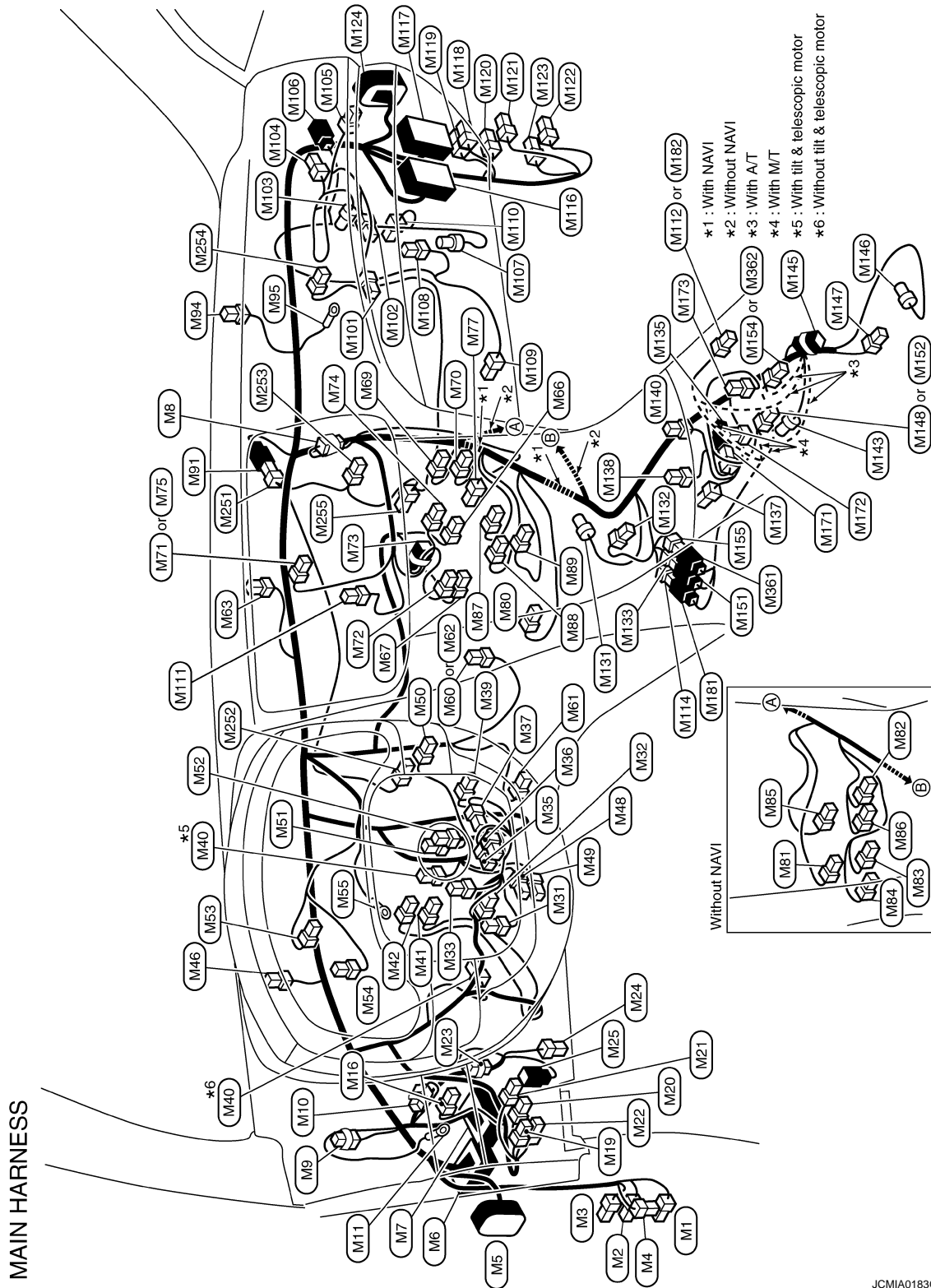
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Main Harness

INFOID:000000001680426

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



JCMIA0183GB

Engine Room Harness

INFOID:000000001680427

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

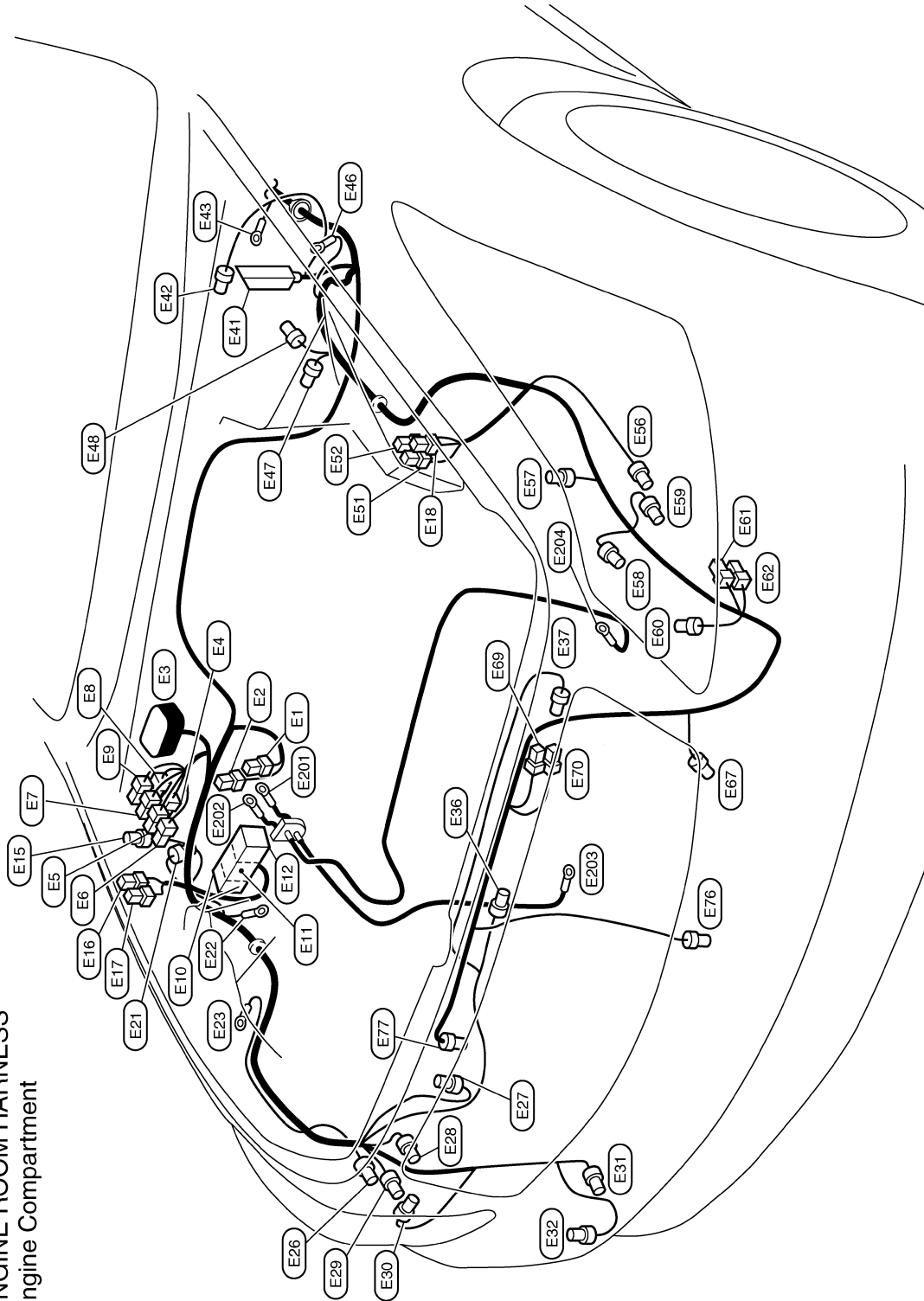
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ENGINE COPARTMENT

ENGINE ROOM HARNESS
Engine Compartment



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JCMIA0184GB

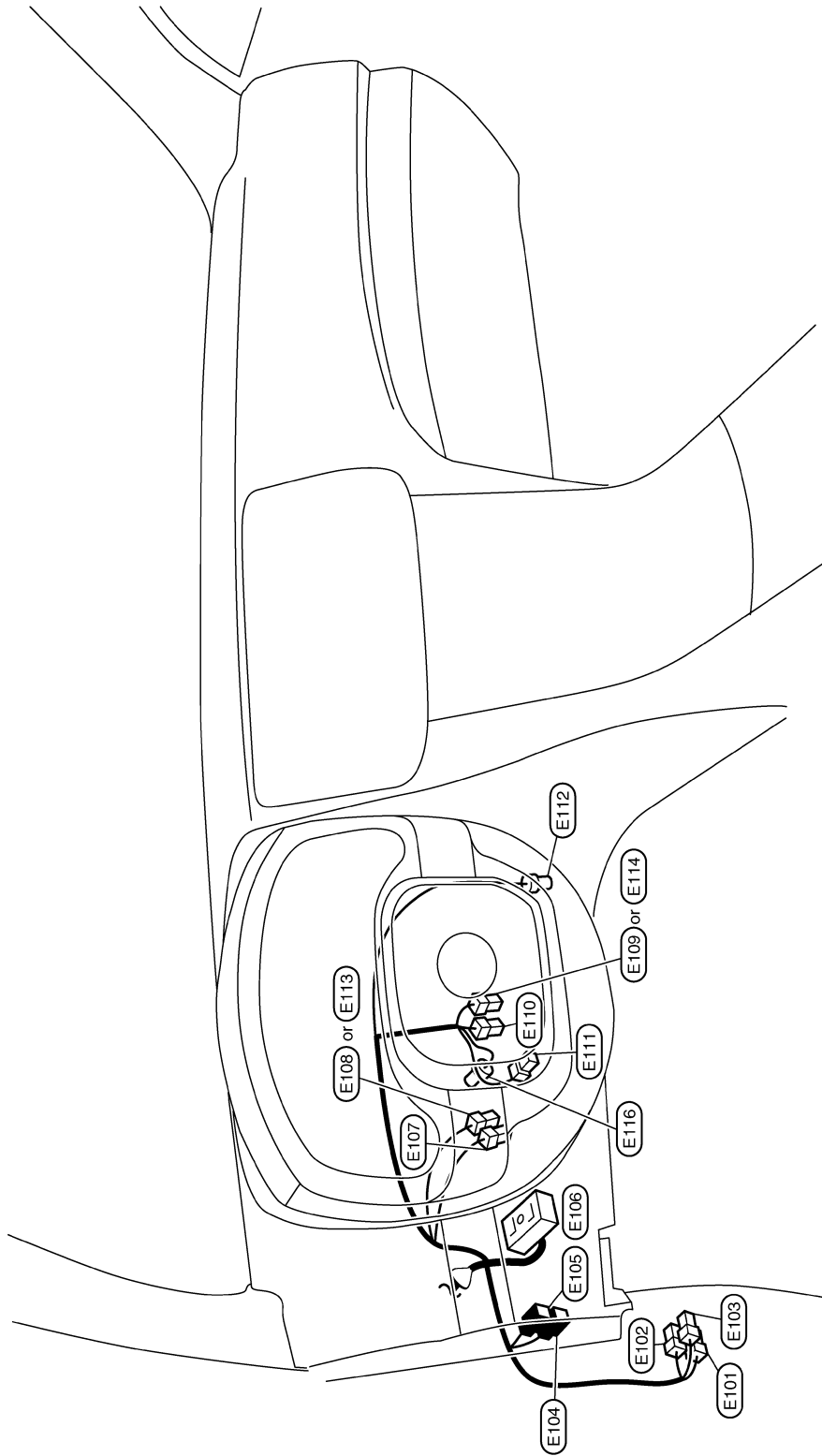
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COPARTMENT

Passenger Compartment



Engine Control Harness

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

JCMIA0185GB

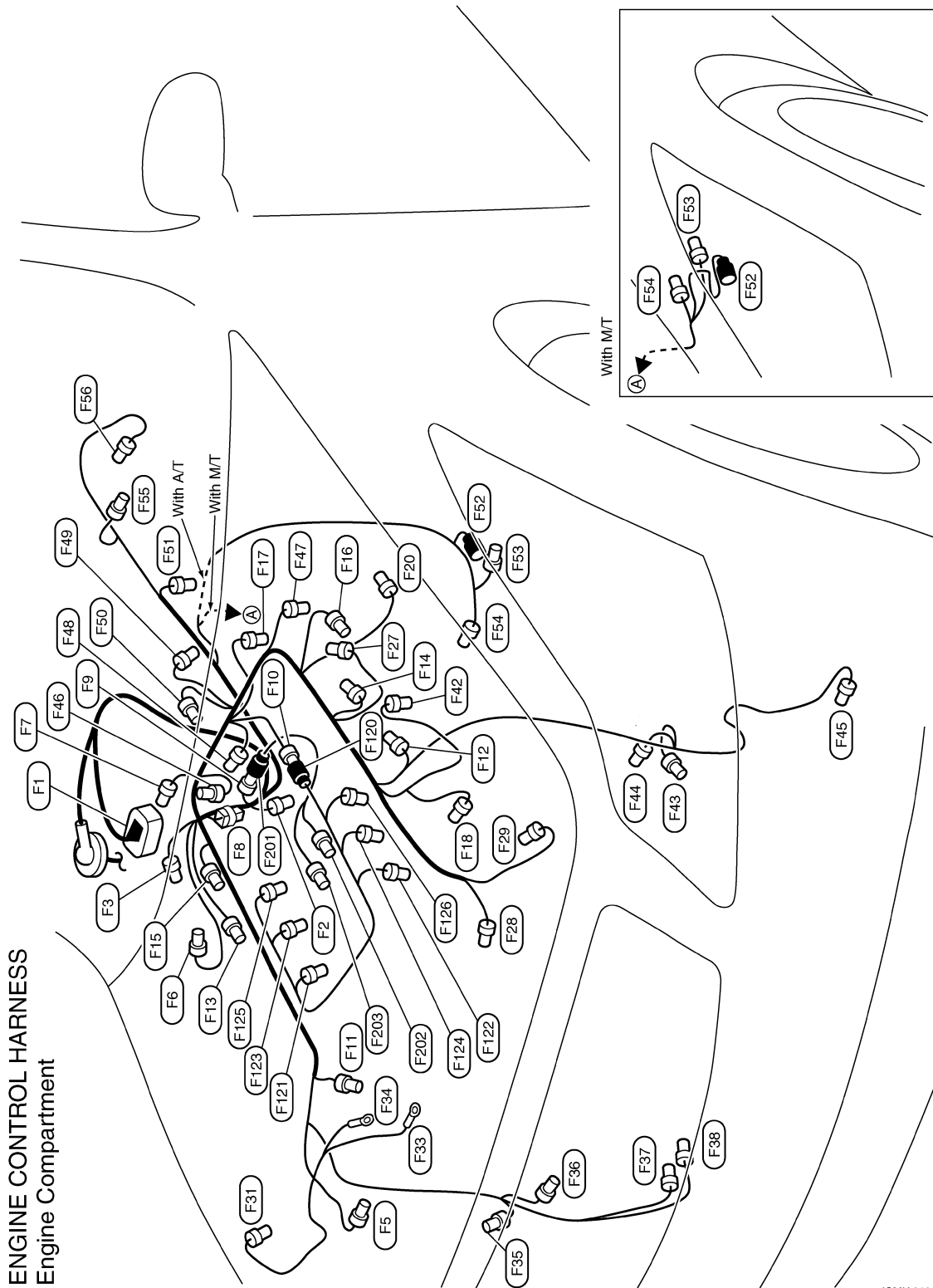
INFOID:000000001680428

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS
Engine Compartment

JCMIA0186GB

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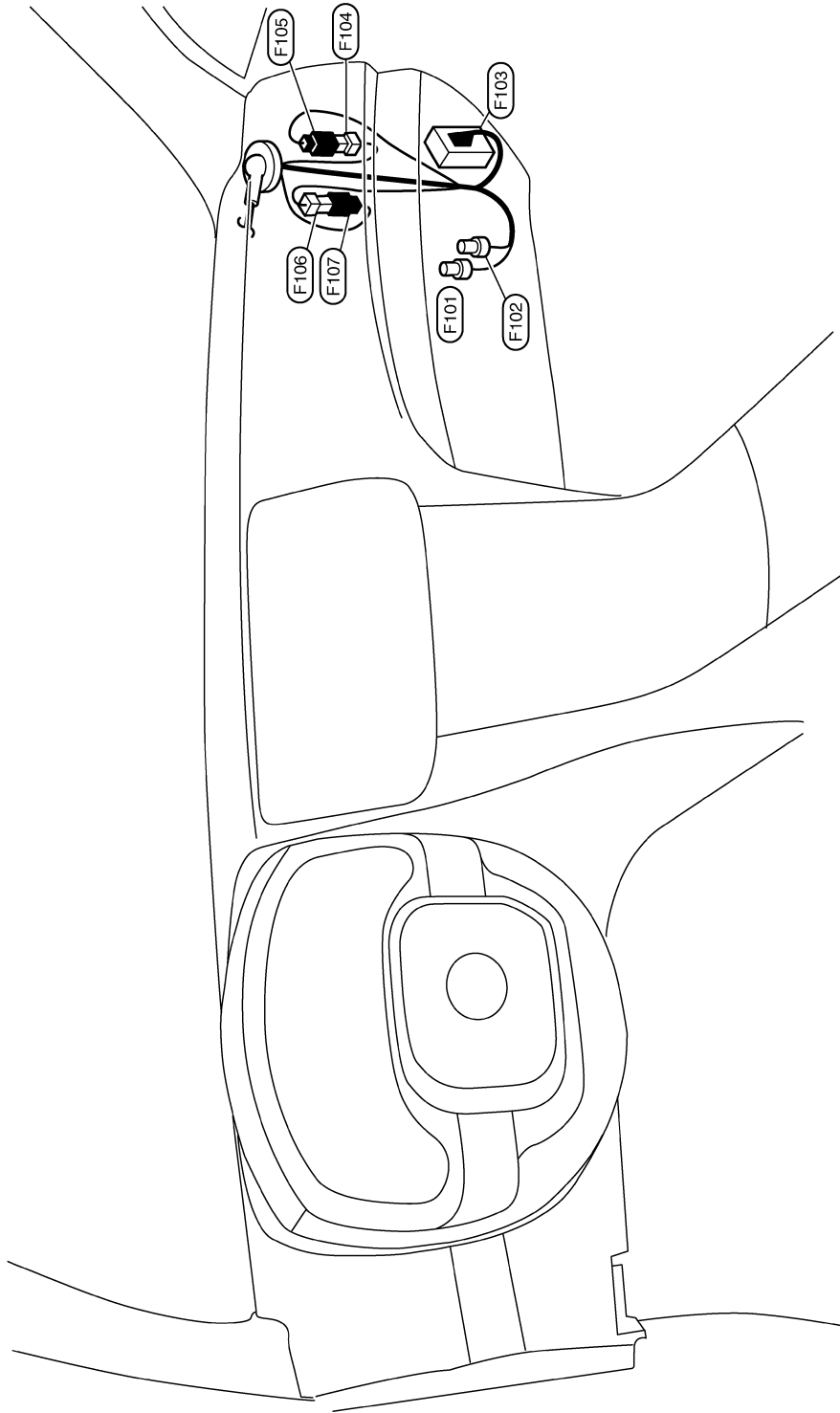
HARNES LAYOUT

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



JCMIA0187GB

HARNESS LAYOUT

< COMPONENT DIAGNOSIS >

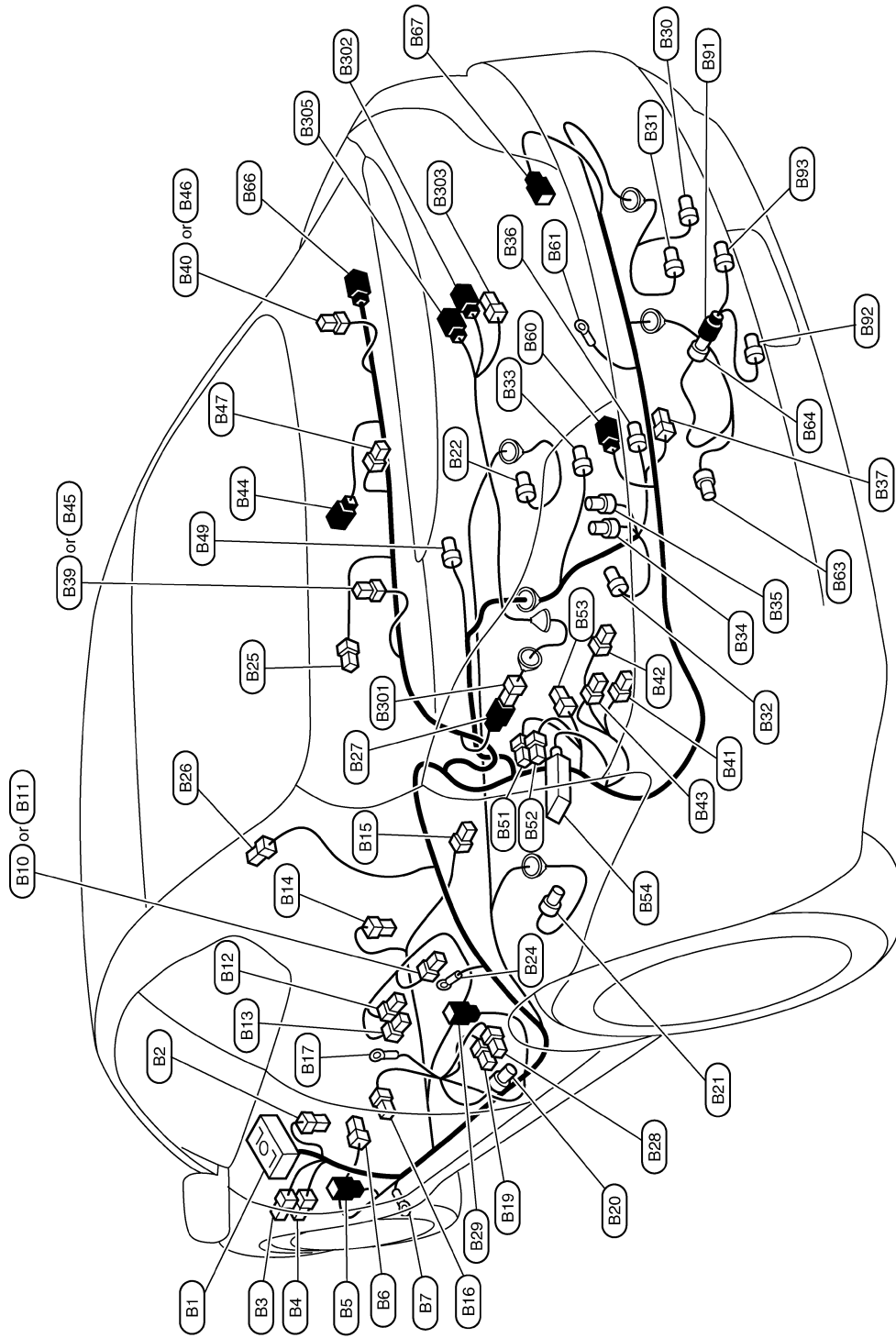
[POWER SUPPLY&GROUND CIRCUIT]

Body Harness

INFOID:000000001680429

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

BODY HARNESS



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HARNES LAYOUT

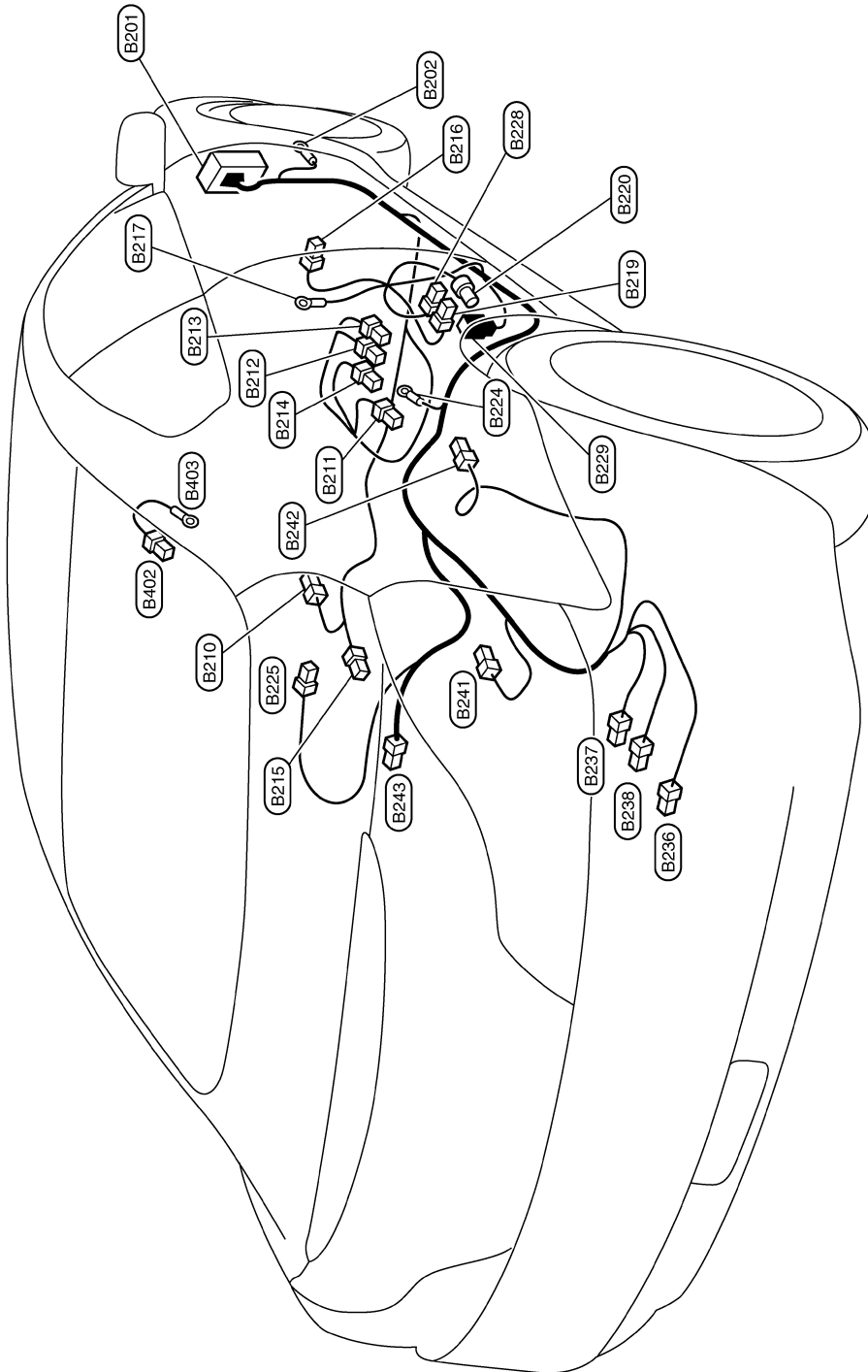
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Body No. 2 Harness

INFOID:000000001680430

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



BODY NO.2 HARNESS

JCMIA0189GB

HARNES LAYOUT

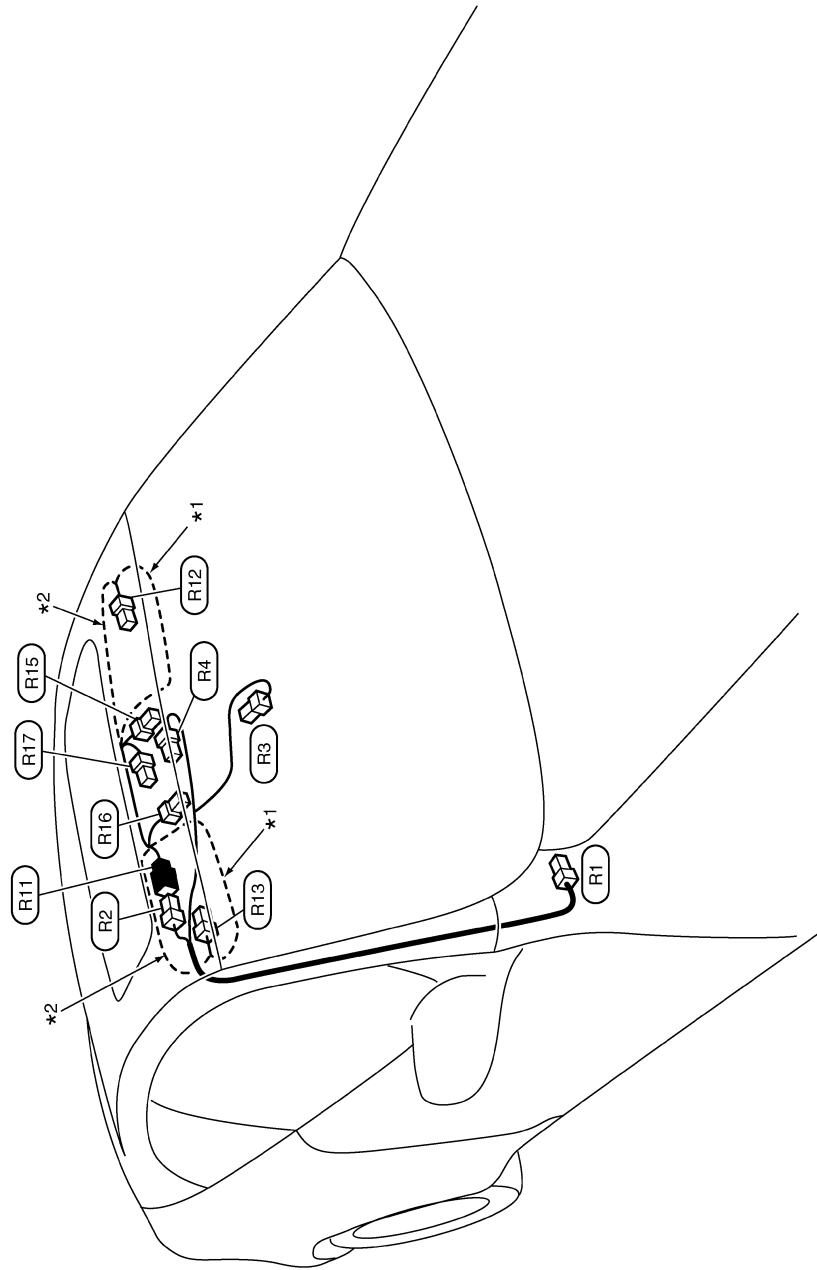
< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000001680431

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



*1 : With sunroof
*2 : Without sunroof

JCMIA0190GB

ROOM LAMP HARNES

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HARNES LAYOUT

< COMPONENT DIAGNOSIS >

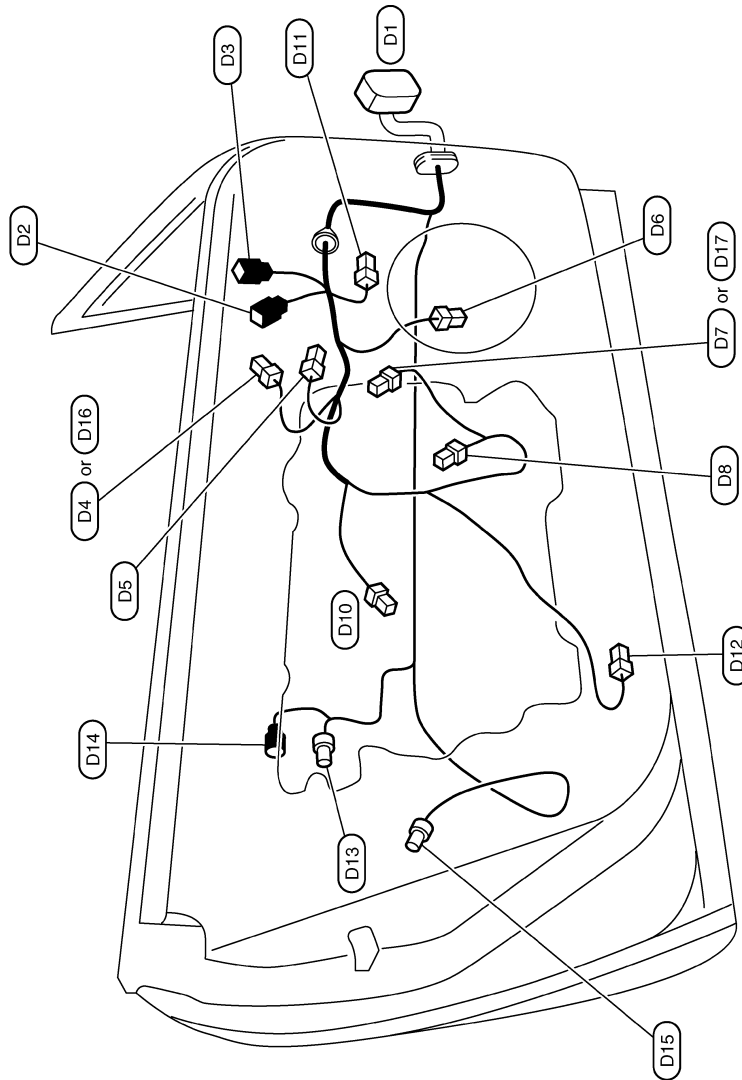
[POWER SUPPLY&GROUND CIRCUIT]

Door Harness (Driver Side Door)

INFOID:000000001841384

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

DOOR HARNESS (DRIVER SIDE DOOR)



JCMIA0191GB

HARNES LAYOUT

< COMPONENT DIAGNOSIS >

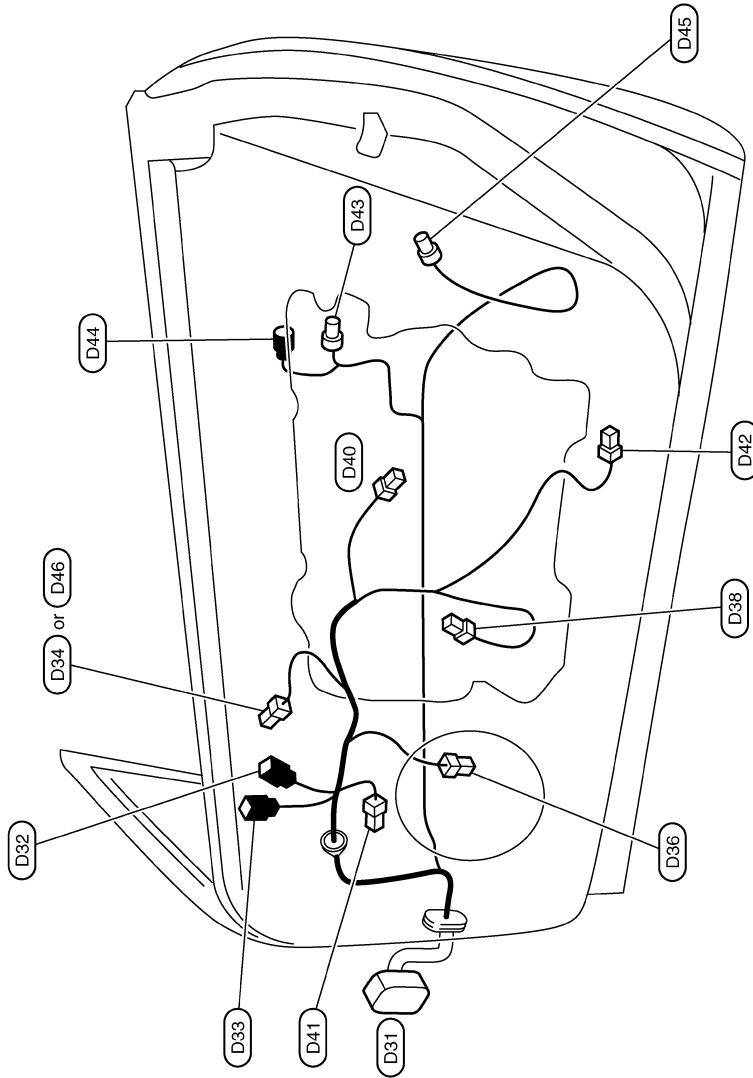
[POWER SUPPLY&GROUND CIRCUIT]

Door Harness (Passenger Side Door)

INFOID:000000001680432

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

DOOR HARNESS (PASSENGER SIDE DOOR)



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HARNESS CONNECTOR

< COMPONENT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

HARNESS CONNECTOR

Description

INFOID:000000001680434

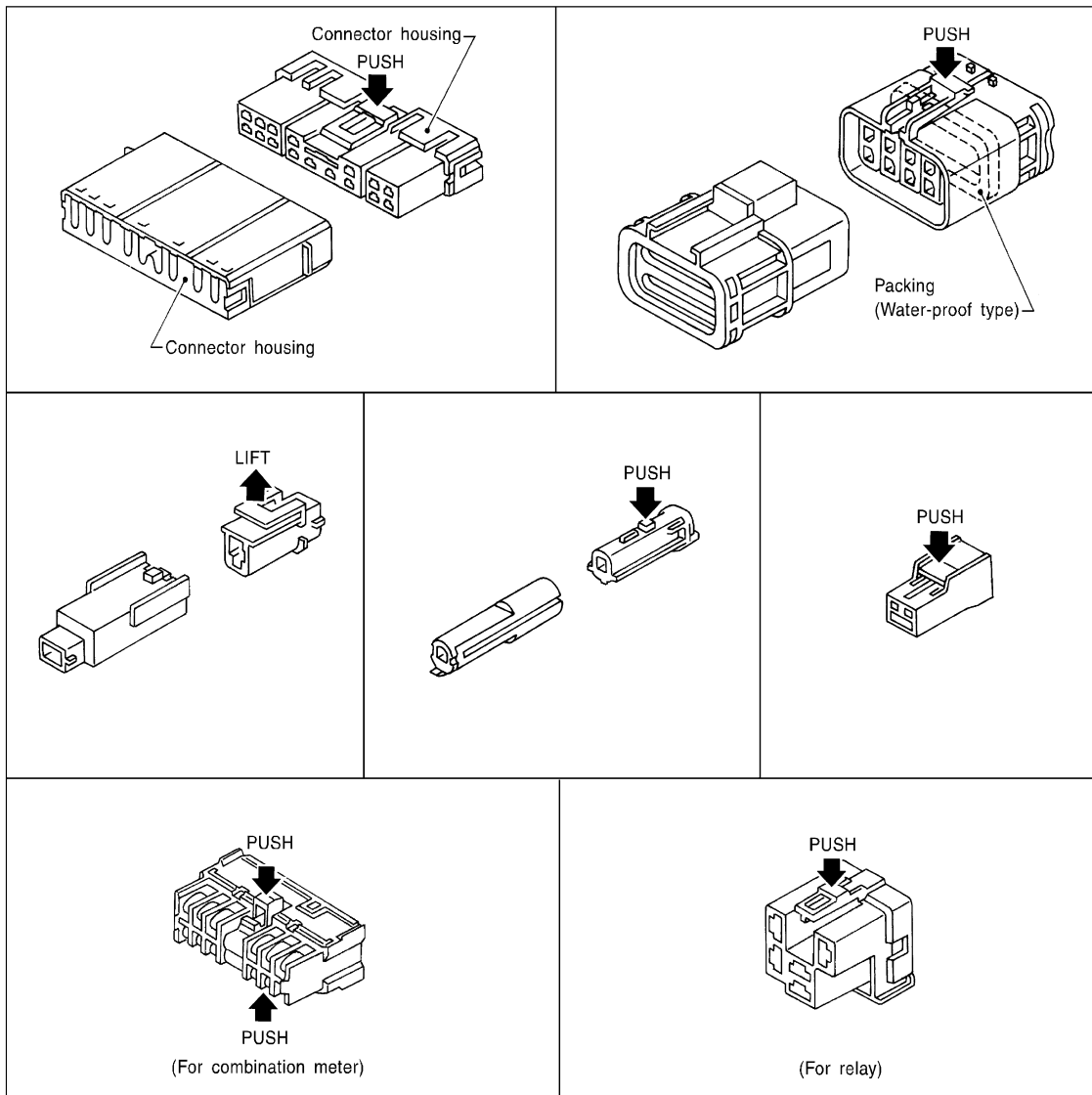
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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

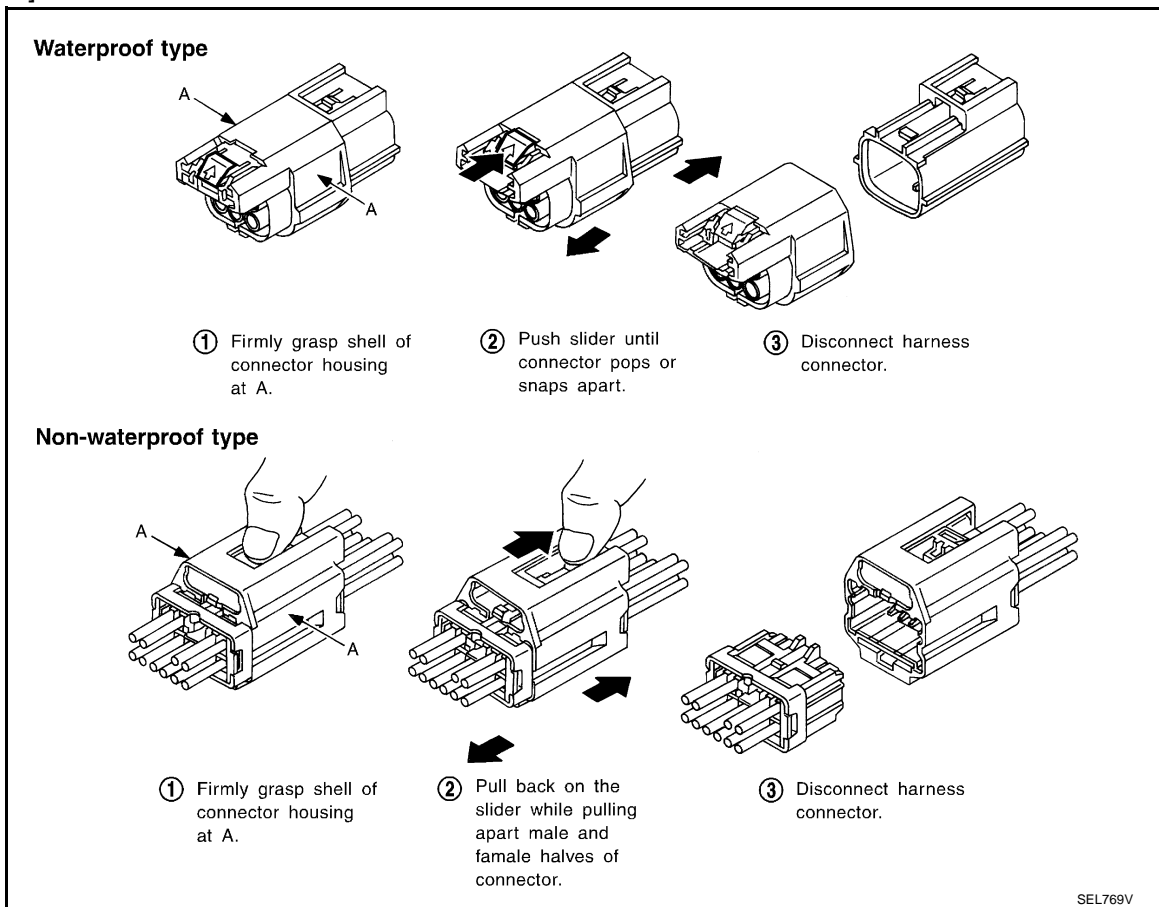
< COMPONENT DIAGNOSIS >

[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:

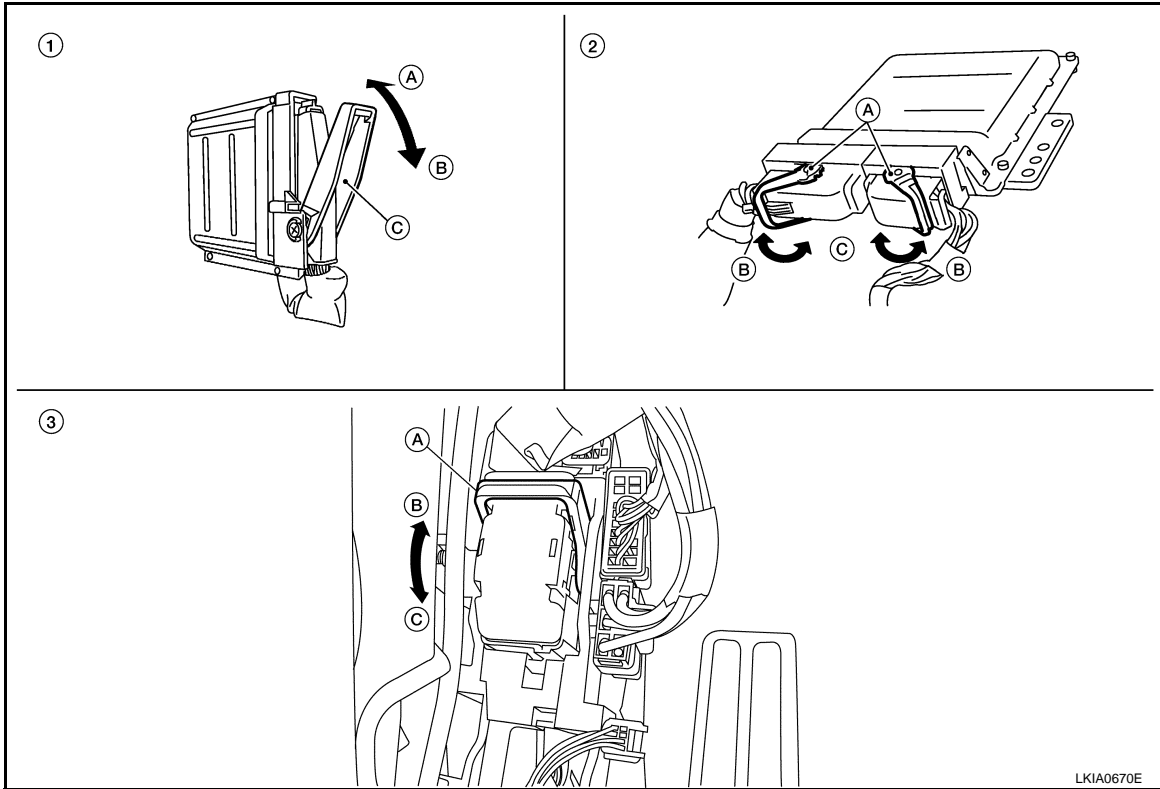
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HARNESS CONNECTOR

< 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]

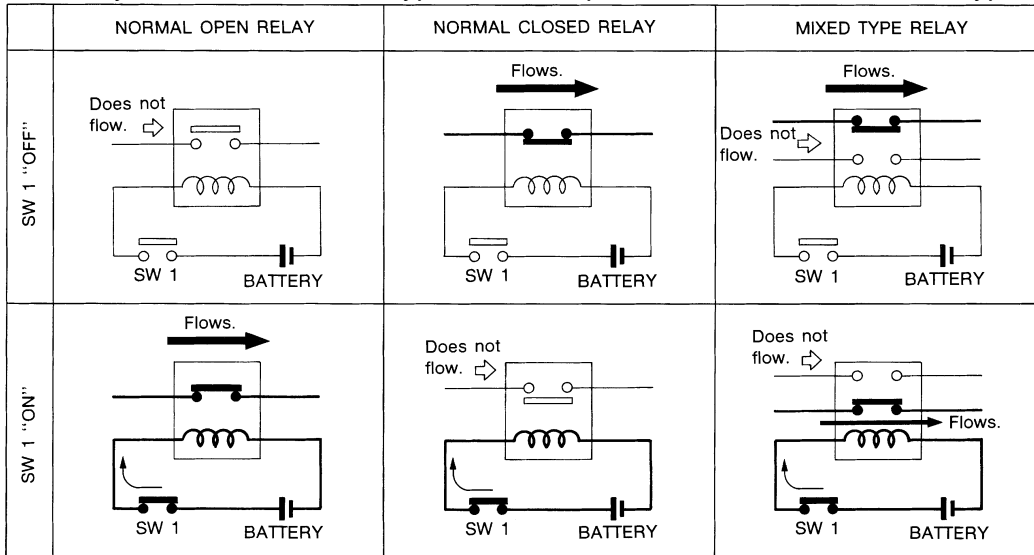
STANDARDIZED RELAY

Description

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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

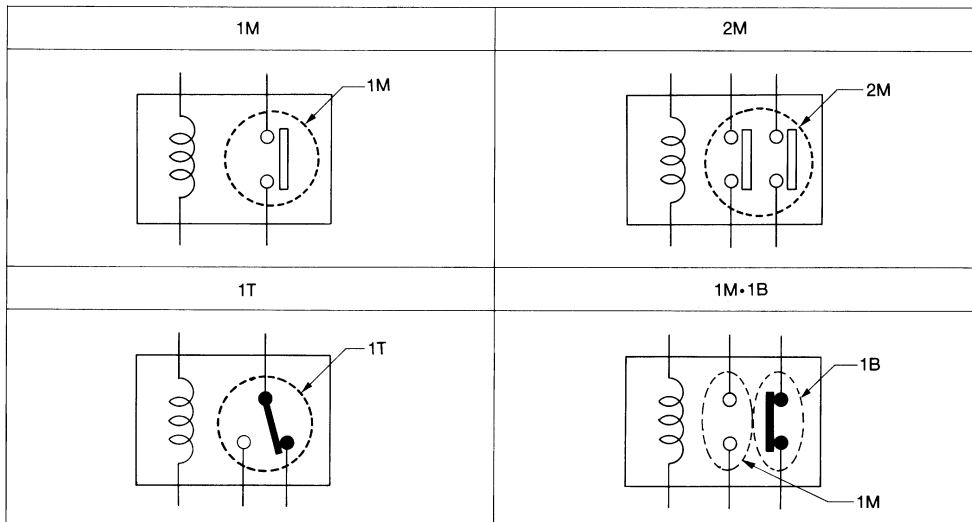
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

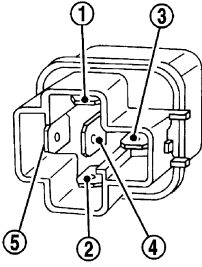
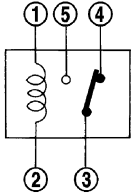
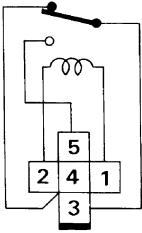
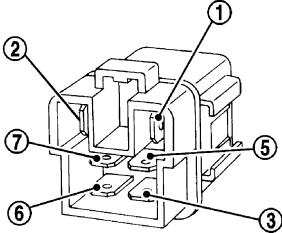
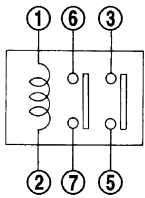
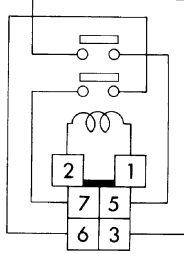
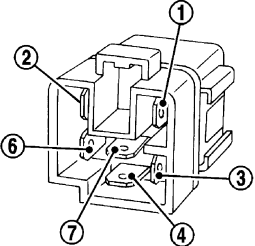
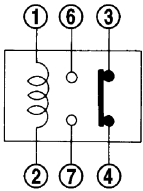
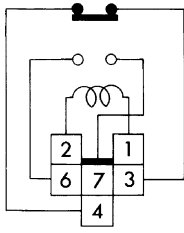
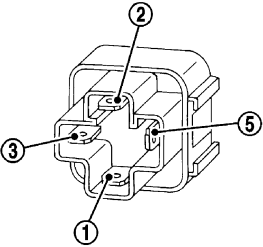
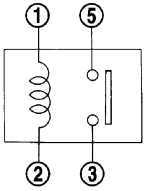
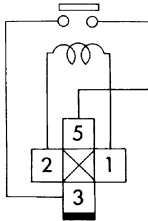
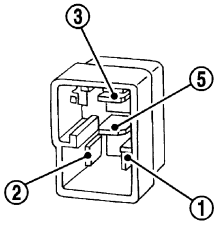
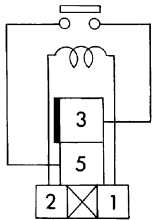


SEL882H

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 >

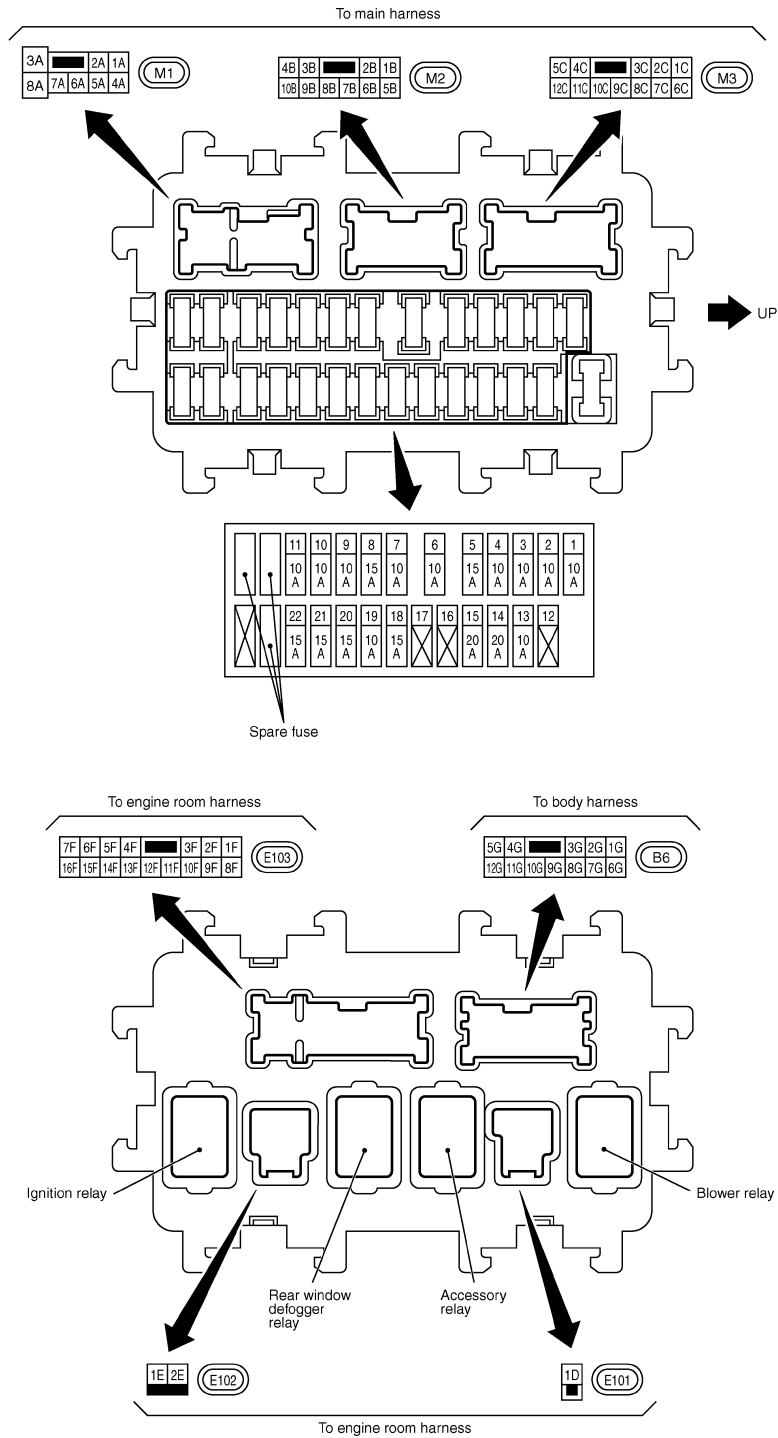
[POWER SUPPLY&GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000001680436

Click here to view the eWD.



2006/05/18

JCMWA0924GE

FUSE, FUSIBLE LINK AND RELAY BOX

< COMPONENT DIAGNOSIS >

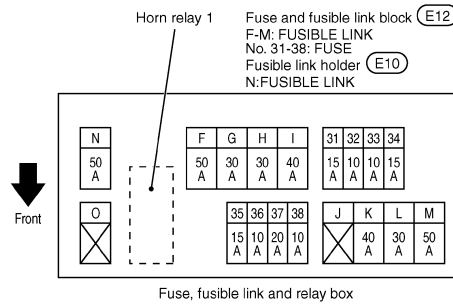
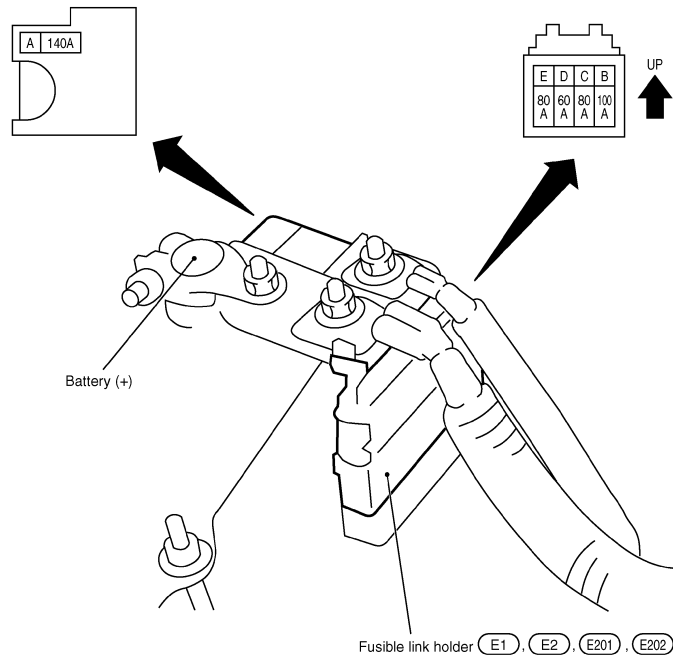
[POWER SUPPLY&GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000001680437

Click here to view the eWD.



2007/05/18

JCMWA0925GI

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

< COMPONENT DIAGNOSIS >

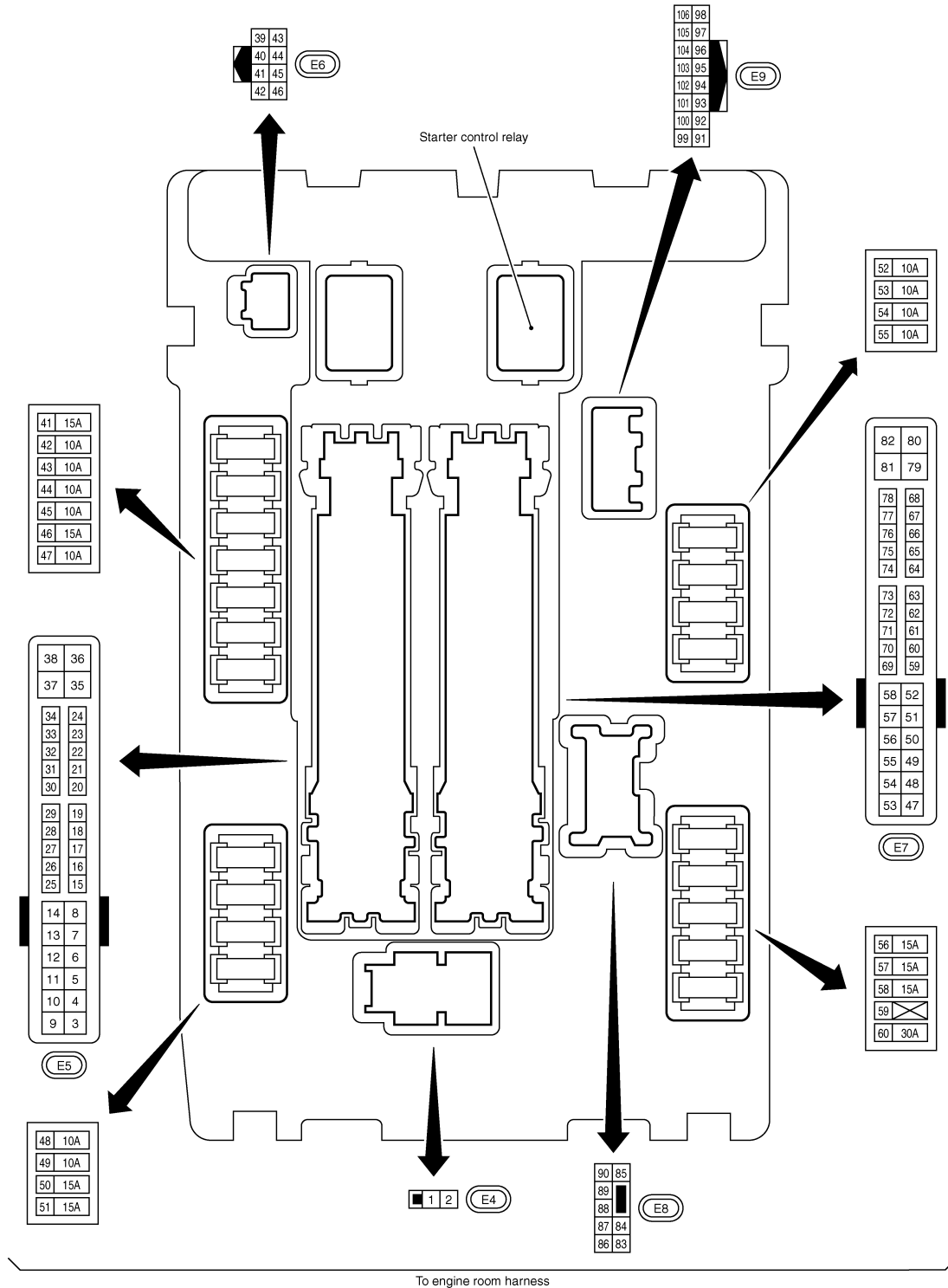
[POWER SUPPLY&GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000001680438

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



2006/09/15

JCMWA0106GF

PRECAUTION

PRECAUTIONS

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

INFOID:000000001680439

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

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the "SRS AIRBAG".
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

Precaution for Battery Service

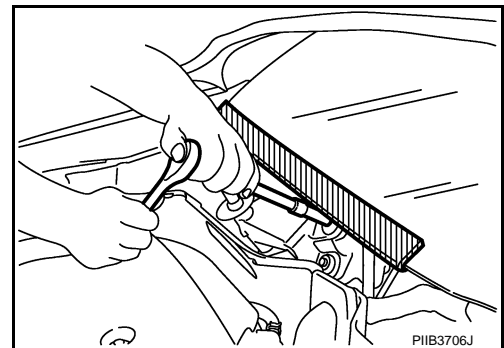
INFOID:000000002912448

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

Precaution for Procedure without Cowl Top Cover

INFOID:000000001693086

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



PREPARATION

[POWER SUPPLY&GROUND CIRCUIT]

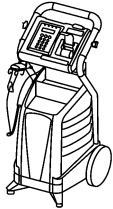
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000001680440

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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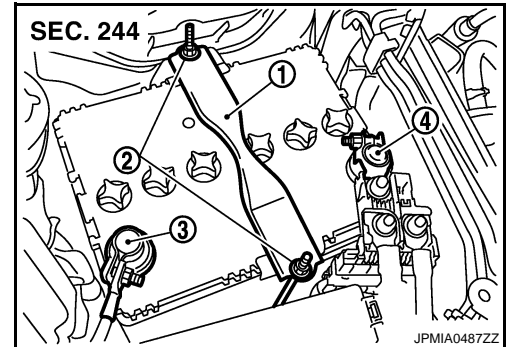
ON-VEHICLE REPAIR

BATTERY

Exploded View

INFOID:000000001680441

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

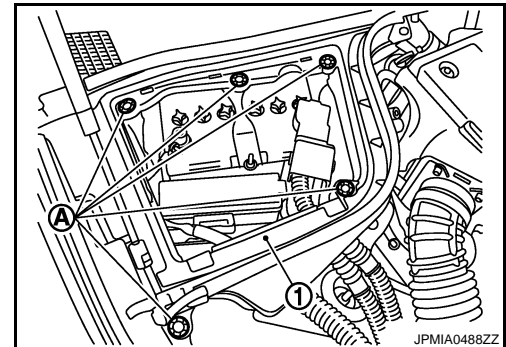


Removal and Installation

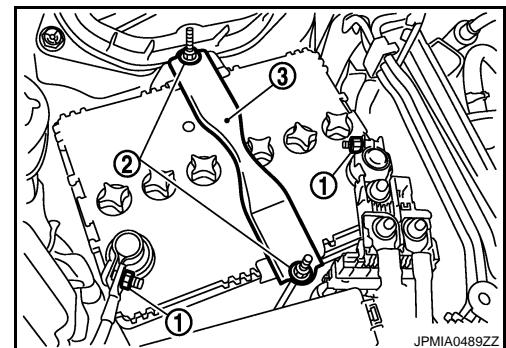
INFOID:000000001680442

REMOVAL

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



3. Remove the cowl top cover (RH). Refer to [EXT-21. "Removal and Installation"](#).
4. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.
CAUTION:
When disconnecting, disconnect the battery cable from the negative terminal first.
5. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
6. Remove battery.



INSTALLATION

Install in the reverse order of removal.

CAUTION:

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

Battery fix frame mounting nut

: 3.9 N·m (0.40 kg-m, 35 in-lb)

Battery terminal nut

: 5.4 N·m (0.55 kg-m, 48 in-lb)

BATTERY TERMINAL WITH FUSIBLE LINK

< ON-VEHICLE REPAIR >

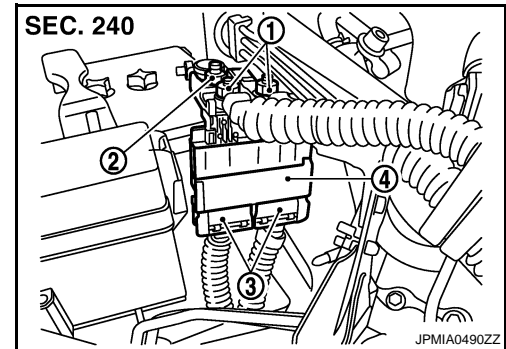
[POWER SUPPLY&GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

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

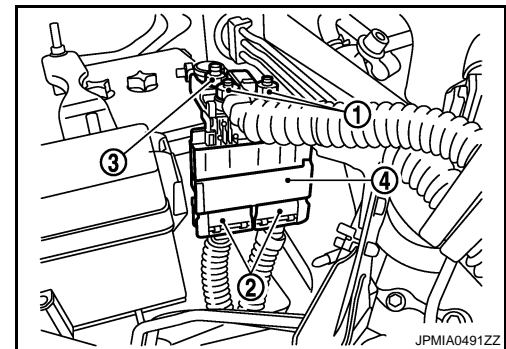


Removal and Installation

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REMOVAL

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



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

Fusible link holder mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

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

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:000000001680445

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