

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000006056696

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

WARNING:

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

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

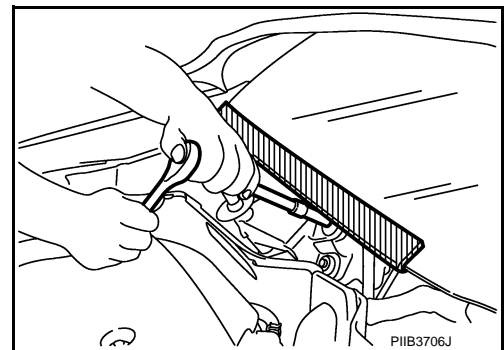
WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Precaution for Procedure without Cowl Top Cover

INFOID:000000006115718

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



PREPARATION

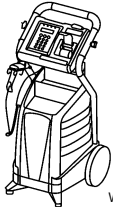
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000006056697

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>

COMPONENT PARTS

< SYSTEM DESCRIPTION >

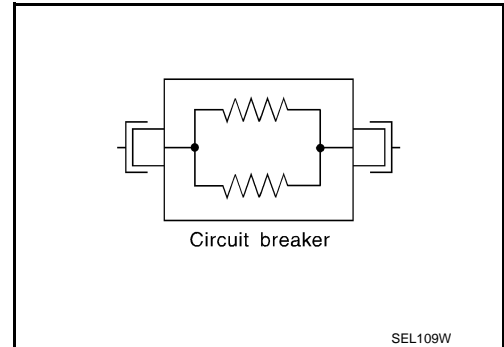
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:000000005987069

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.



Battery

INFOID:000000005987070

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

Harness Connector

INFOID:000000005987071

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:

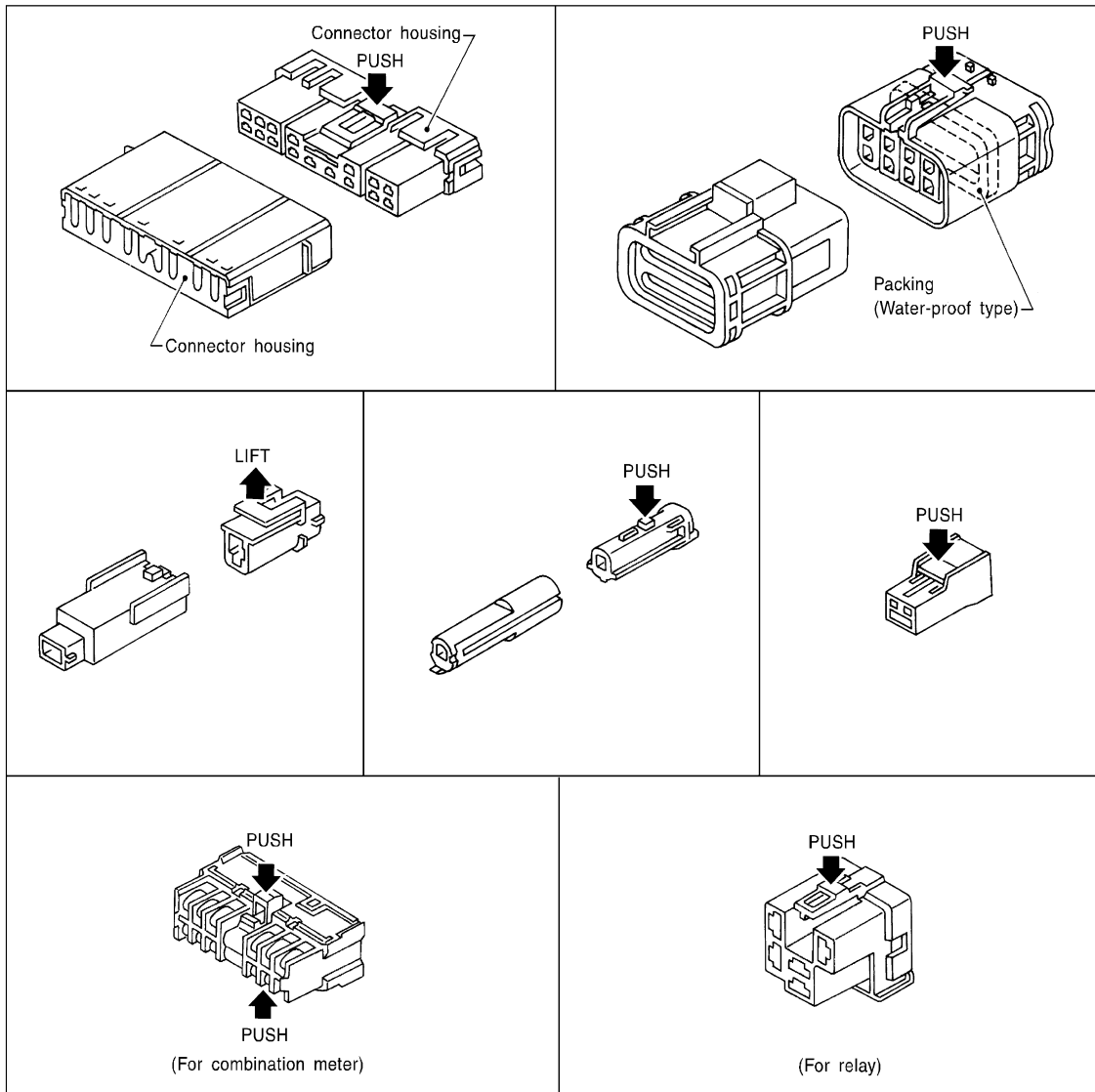
Never pull the harness or wires when disconnecting the connector.

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

[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.

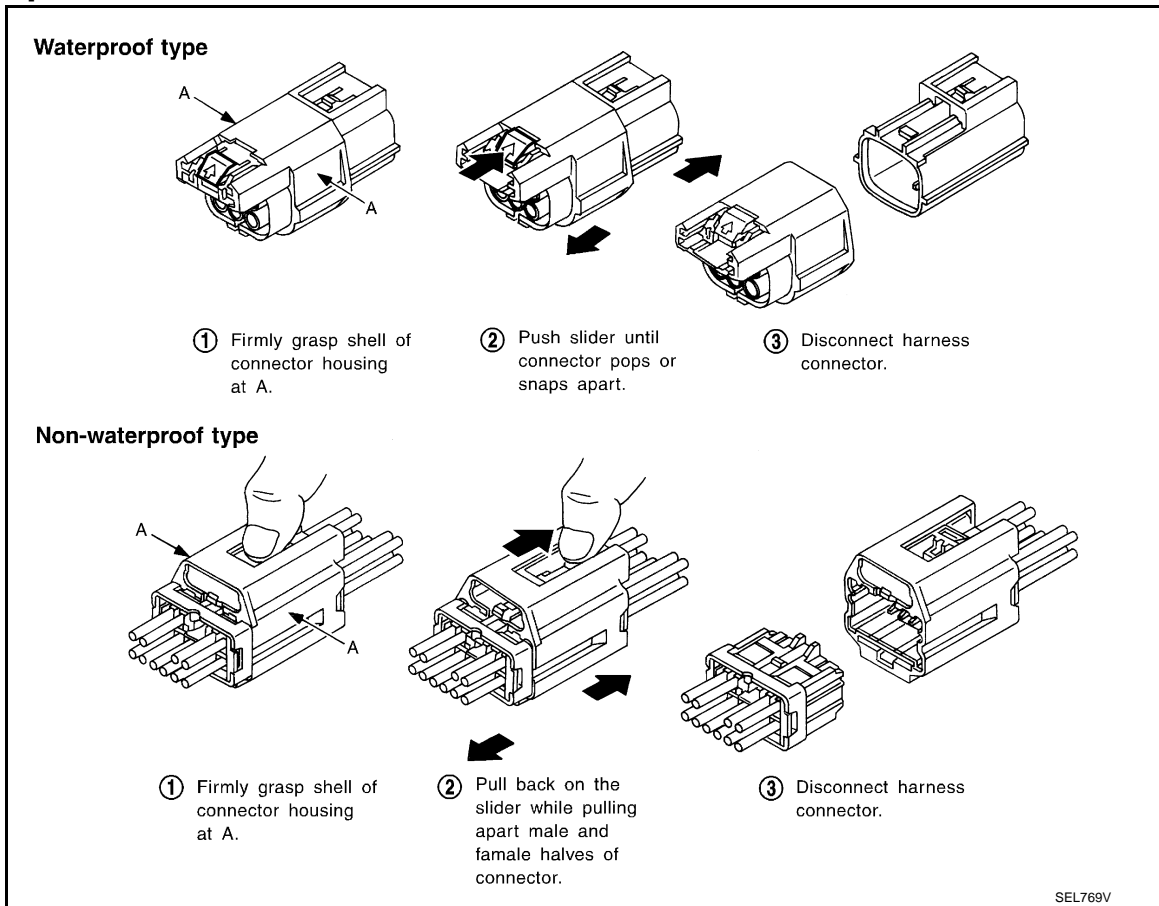
CAUTION:

- **Never pull the harness or wires when disconnecting the connector.**
- **Be careful not to damage the connector support bracket when disconnecting the connector.**

COMPONENT PARTS

< SYSTEM DESCRIPTION >

[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:

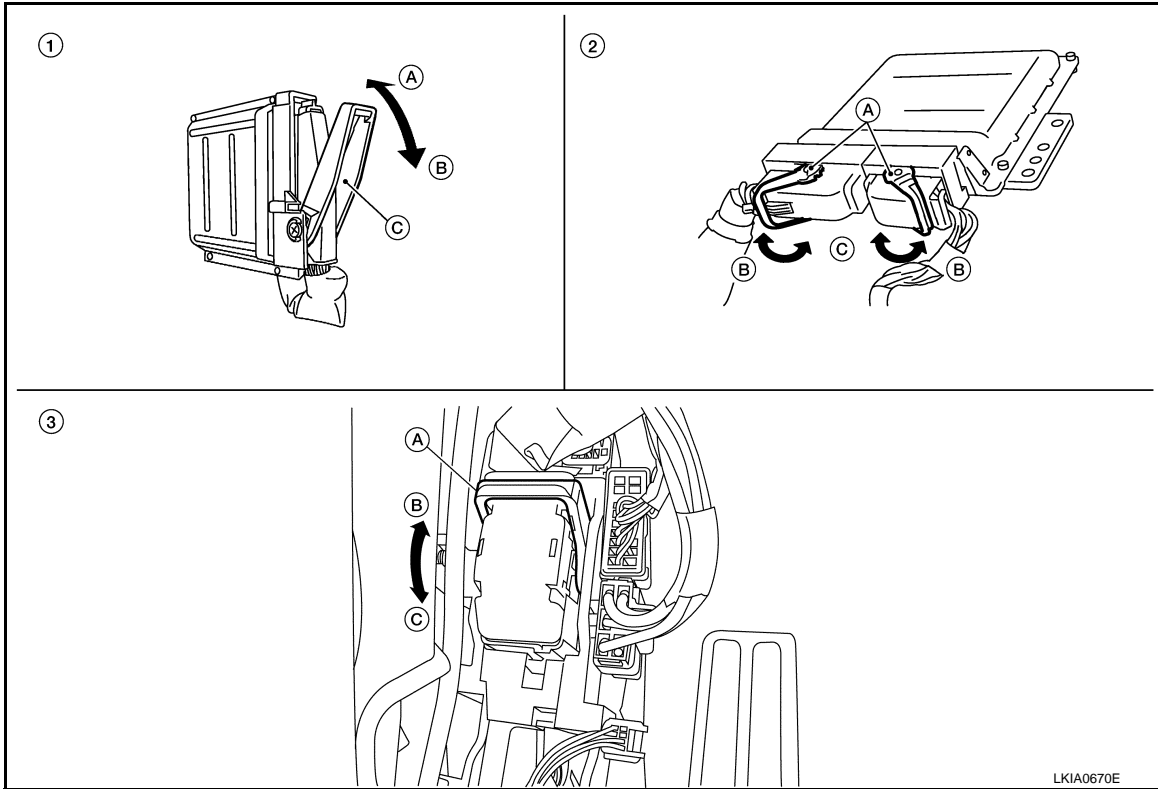
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COMPONENT PARTS

< SYSTEM DESCRIPTION >

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.



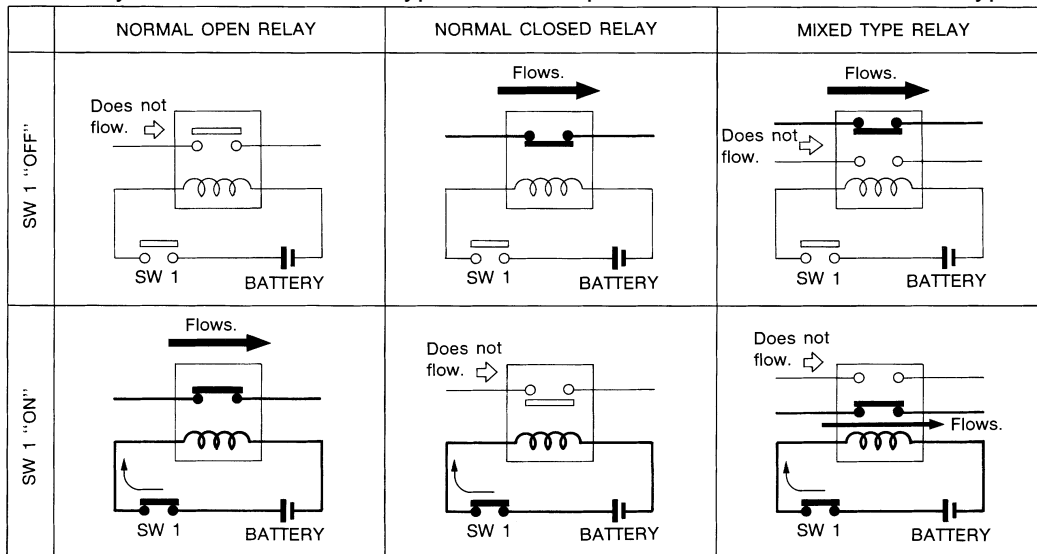
- | | | |
|--|--|---|
| <p>1. Control unit with single lever</p> <p>A. Fasten</p> <p>B. Loosen</p> <p>C. Lever</p> | <p>2. Control unit with dual levers</p> <p>A. Levers</p> <p>B. Fasten</p> <p>C. Loosen</p> | <p>3. SMJ connector</p> <p>A. Lever</p> <p>B. Fasten</p> <p>C. Loosen</p> |
|--|--|---|

Standardized Relay

INFOID:000000005987072

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



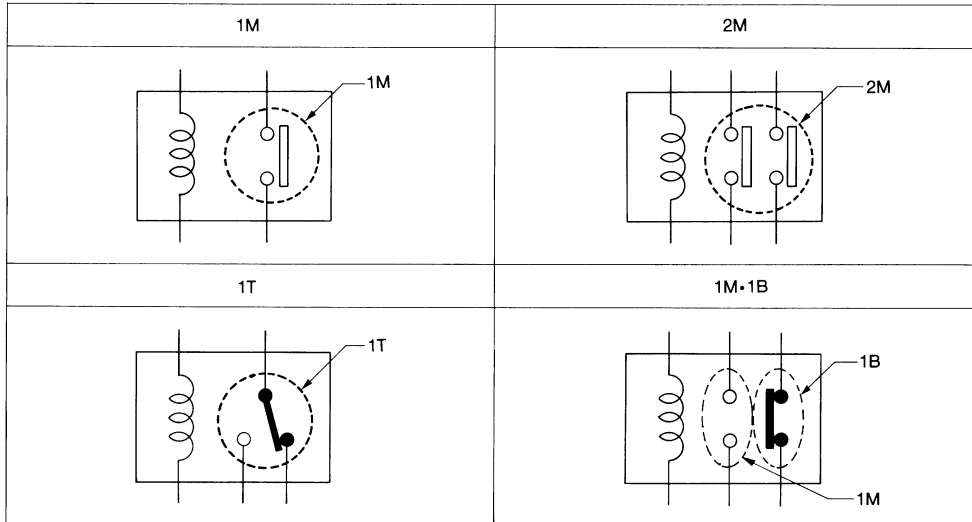
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TYPE OF STANDARDIZED RELAYS

COMPONENT PARTS

< SYSTEM DESCRIPTION >

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

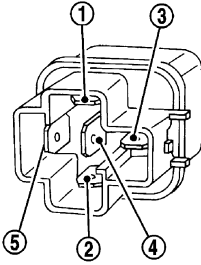
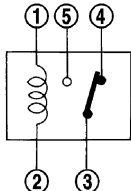
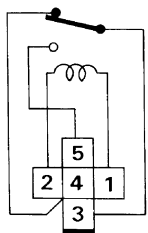
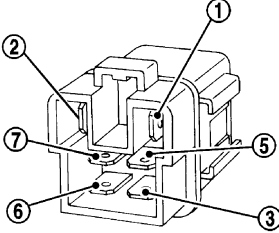
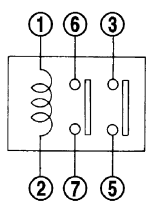
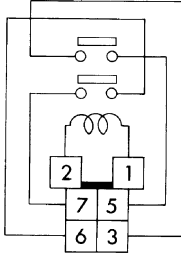
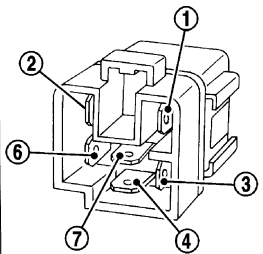
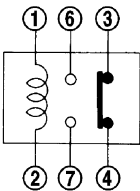
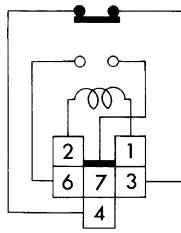
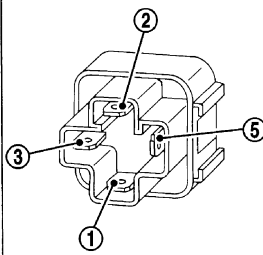
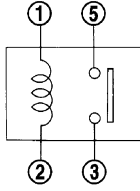
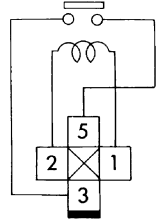
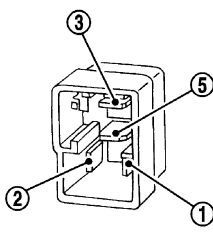
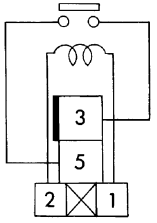


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COMPONENT PARTS

< SYSTEM DESCRIPTION >

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.

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POWER SUPPLY ROUTING CIRCUIT

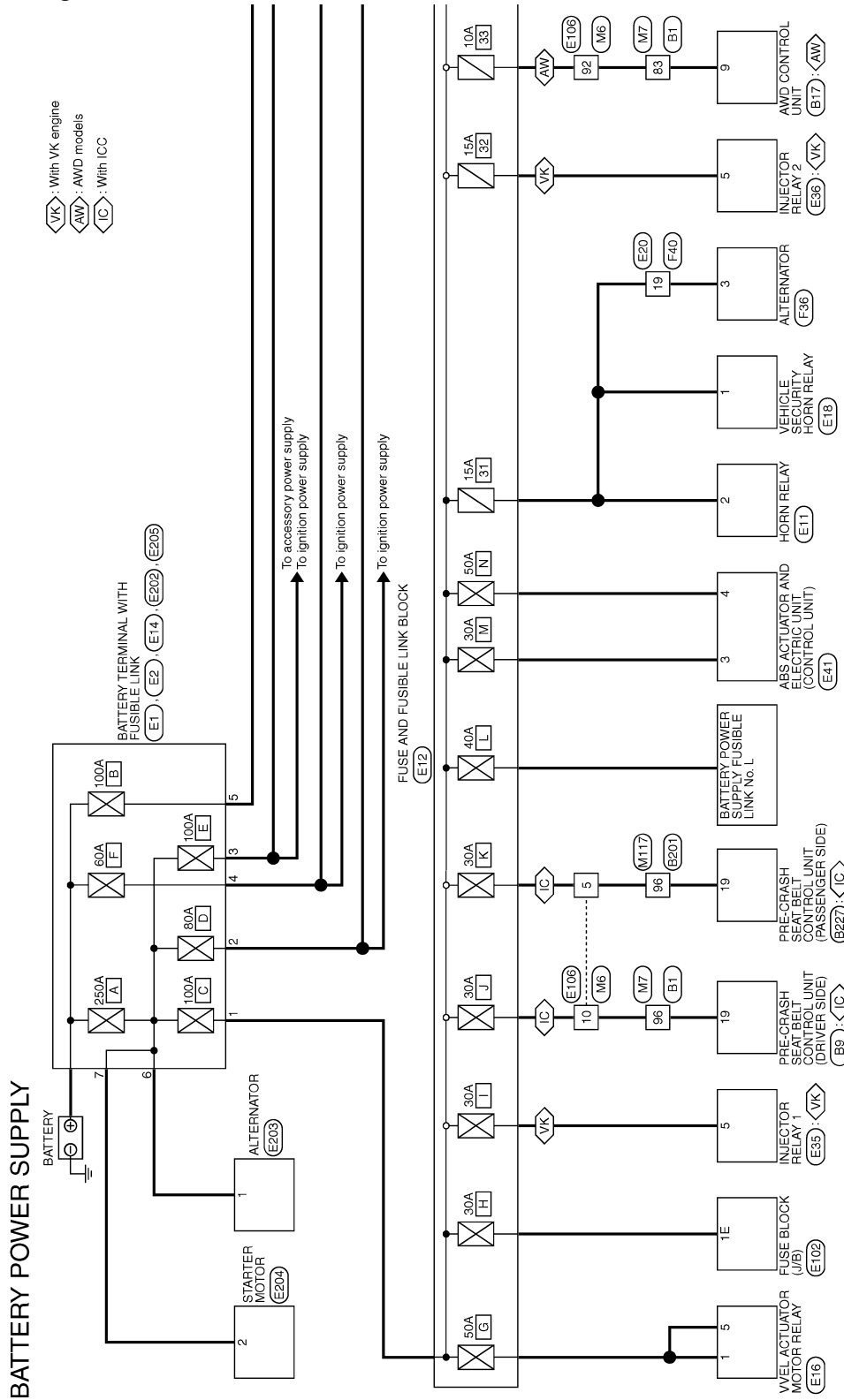
< WIRING DIAGRAM >

WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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2010/02/03

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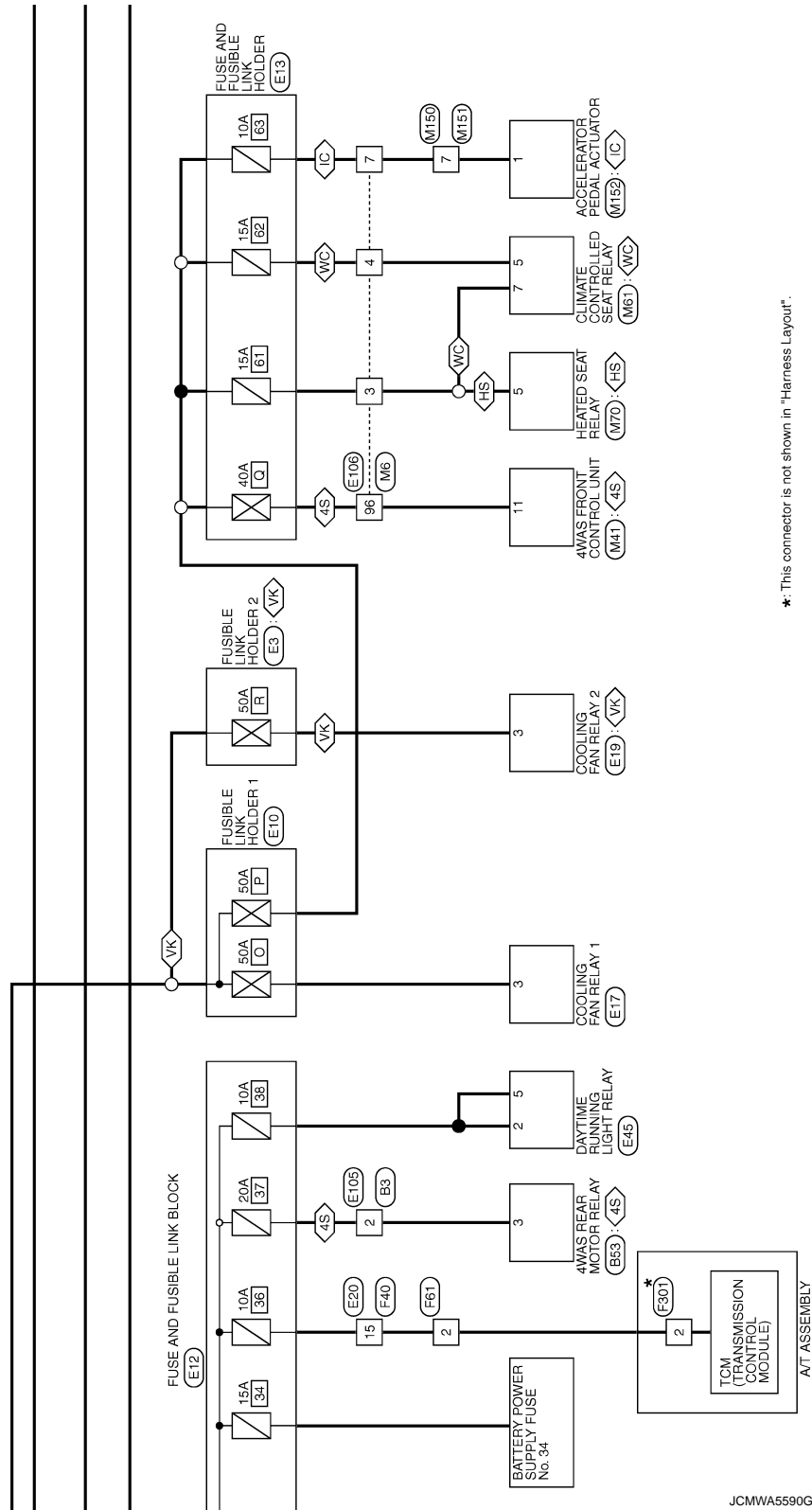
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

- <VK> : With VK engine
- <IC> : With ICC
- <4S> : With 4WAS
- <WC> : With climate controlled seat
- <HS> : With heated seat

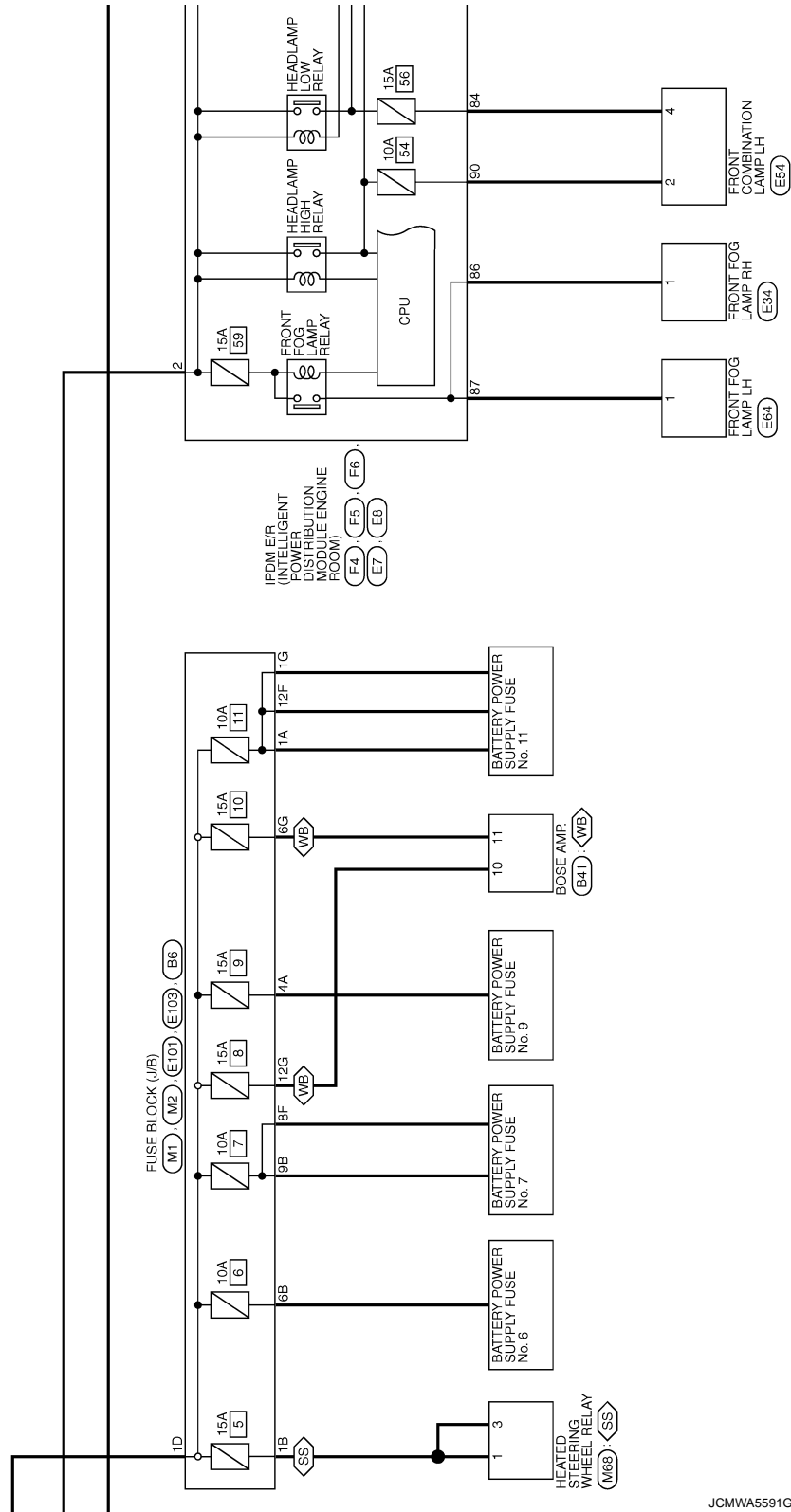


*: This connector is not shown in "Harness Layout".

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

WB : With BOSE system
SS : With heated steering






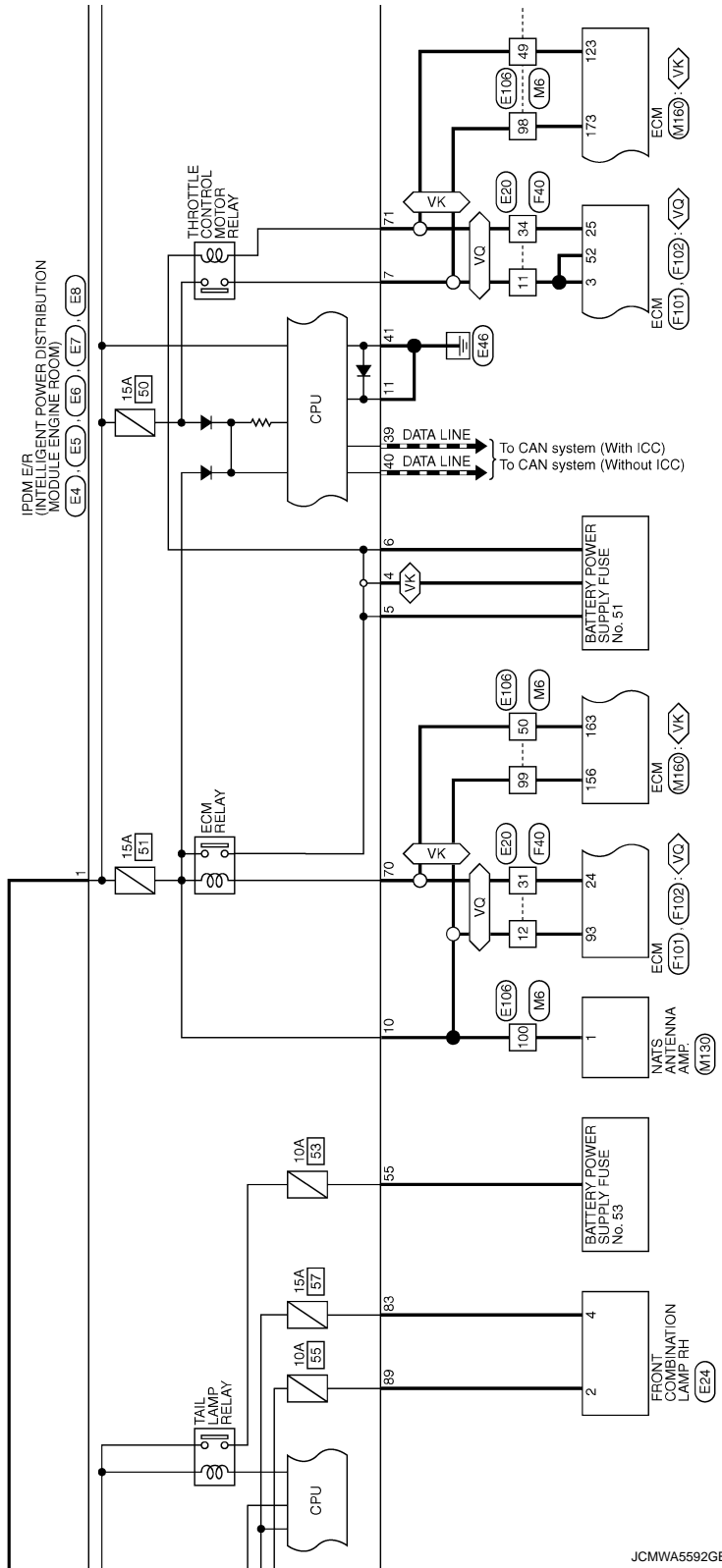
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

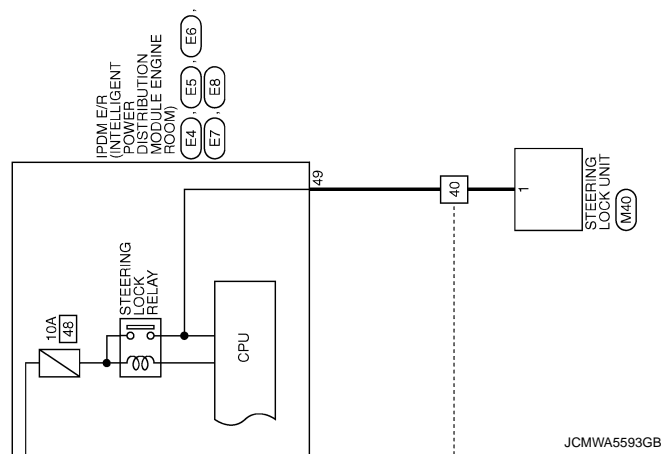
-  : With VK engine
-  : With VQ engine
-  : With daytime running light system



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH00PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat] - [With heated seat]
12	P	- [With Climate controlled seat]
13	GR	- [With heated seat]
14	R	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system]
29	L/O	- [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system]
29	W/L	- [Without Pre-crash seat belt system]
30	SHIELD	-
32	L	-
33	R	-
34	L	-
35	R	-
36	G	-

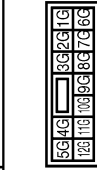
37	SB	-
40	SHIELD	-
41	GR/V	-
42	W/L	-
45	W	-
47	O	-
48	V	-
49	BR	-
50	SB	-
51	V	-
52	LG	-
53	G	-
56	P	-
57	BR	-
58	LG	-
59	Y	-
60	W	-
61	B	-
62	LG	-
63	BR	- [With ICC and 4WAS system] - [Without ICC and 4WAS system]
65	O	-
66	BR	-
67	V	-
68	LG	-
69	GR	-
70	R	-
72	L	-
73	P	-
74	L	-
75	P	-
76	Y	-
77	R	-
78	W	-
79	G	-
81	LG	-
82	BR	-
83	SB	-
84	Y	-
85	W	-
86	R	-
87	G	-
88	GR	-
91	SB	-
92	G	-
96	Y	-
97	O	-
98	SB	-
99	LG	-

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	IM02PW-LC



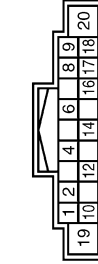
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1G	GR	-
2G	P	-
4G	L	-
5G	P/L	- [With VK engine] - [With VQ engine]
5G	P	-
6G	G	-
10G	W	-
11G	W	-
12G	V	-

Connector No.	B9
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (DRIVER SIDE)
Connector Type	TH18PW-CS2



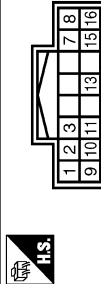
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	G	SIG BAT
4	P	OUT 1
6	LG	CAN LO
8	BR	BUCKLE SW LH NO
8	BR	LOCAL COMM 2
9	SHIELD	SHIELD GND
10	R	SENS POWER 1
12	B	OUT 2
14	L	CAN HI
15	L	LOCAL COMM 1
17	W	SENS GND 1
18	B	SIG GND
19	Y	MOTOR BAT
20	B	MOTOR GND

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

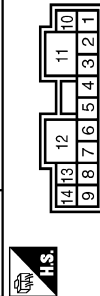
BATTERY POWER SUPPLY

Connector No.	B17
Connector Name	AWD CONTROL UNIT
Connector Type	TH18PW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	AWD SOL (+)
2	R	AWD SOL (-)
3	W	OIL TEMP (-)
7	Y	IGN
8	L	CAN-H
9	SB	AWD SOL BAT
10	B/Y	GND
11	B/Y	GND
13	LG	OIL TEMP (+)
15	G	VB
16	P	CAN-L

Connector No.	B41
Connector Name	BOSE AMP.
Connector Type	SGA1PBR-SJA2



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	SOUND SIGNAL FRONT DOOR WOOFER RH (+)
2	LG	SOUND SIGNAL FRONT DOOR WOOFER RH (-)
5	R	SOUND SIGNAL FRONT DOOR WOOFER LH (+)
6	L	SOUND SIGNAL FRONT DOOR WOOFER LH (-)
7	B/R	GND
8	P/L	SOUND SIGNAL REAR WOOFER (-)
9	W	SOUND SIGNAL FRONT DOOR SPEAKER & Tweeter RH (+)
10	V	BATTERY
11	G	BATTERY
12	B/R	GND
13	R/L	SOUND SIGNAL REAR WOOFER (+)

14	B	SOUND SIGNAL FRONT DOOR SPEAKER & Tweeter RH (-)
----	---	--

Connector No.	B53
Connector Name	AWAS REAR MOTOR RELAY
Connector Type	MS02FL-MZ-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	B/Y	
3	L	
5	L	

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	THE08MW-CS1F-TIM

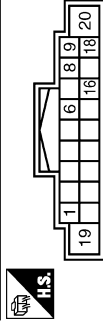


Terminal No.	Color of Wire	Signal Name [Specification]
3	R	
17	GR	
18	P	
19	BR	
20	GR	
21	Y	
22	GR	
24	V	
25	B	
26	W	
27	O	
28	V	
29	P	
30	O	

31	B/R	-
32	Y	
40	SHIELD	
41	W/R	
42	V	
44	P	
45	SB	
46	R	- [With Climate controlled seat]
46	Y	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	
49	O	
50	R	
51	GR	
52	LG	
53	P	
56	P	
57	W	
58	O	
59	Y	
61	SB	
62	L	
63	W	
66	L	
67	Y	
68	SB	
69	B	
70	R	
76	SHIELD	
77	G	
78	R	
79	P	
80	G	
81	P	
82	BR	
83	GR	
84	V	
85	LG	
86	W	
87	O	
88	Y	
89	BR	
90	L	
91	BR	
93	Y	
93	O	- [With Climate controlled seat]
94	GR	
96	W	
97	D	
98	LG	
99	LG	

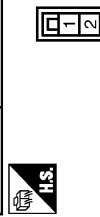
100	Y	-
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Connector No.	B227
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (PASSENGER SIDE)
Connector Type	TH18PW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	SIG BAT
6	G	BUCKLE SW RH NO
8	V	LOCAL COMM 2
16	LG	LOCAL COMM 1
18	B	SIG GND
19	W	MOTOR BAT
20	B	MOTOR GND

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LU2PBR-MC



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FB-MC



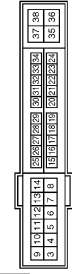
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	
4	R	

Connector No.	E4
Connector Name	IPDAE/FI INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LO2FB-MC



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

Connector No.	E5
Connector Name	IPDAE/FI INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS1Z-MA-IV



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

6	R	
7	Y	
8	L	
10	V	
11	B	
12	G	
13	GR	
16	V	
18	Y	
22	BR	
23	SB	
24	O	
25	LG	
30	BR	
31	W	
32	L	
34	P	
36	GR	

Connector No.	E6
Connector Name	IPDAE/FI INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-NH



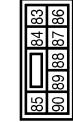
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	
40	L	
41	B	
42	V	
43	SB	
44	GR	
45	G	
46	BR	

Connector No.	E7
Connector Name	IPDAE/FI INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS1Z-M4



Terminal No.	Color of Wire	Signal Name [Specification]
49	BR	
51	O	
52	G	
53	L	
54	P	
55	R	
56	GR	
57	V	
58	BR	
70	LG	
71	O	
73	G	
74	R	
75	Y	
77	B	
80	W	

Connector No.	E8
Connector Name	IPDAE/FI INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS08FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	
84	W	
86	G	
87	L	
88	O	
89	Y	

90	P	
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Connector No.	E11
Connector Name	HORN RELAY
Connector Type	24381-7900A



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

Connector No.	E14
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E16
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	24347-9F200



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	P	-
3	W	-
5	B	-

Connector No.	E17
Connector Name	COOLING FAN RELAY 1
Connector Type	24347-9F300



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

Connector No.	E18
Connector Name	VEHICLE SECURITY HORN RELAY
Connector Type	M03FW-FE-LC



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

Connector No.	E19
Connector Name	COOLING FAN RELAY 2
Connector Type	24347-9F300



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

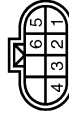
Connector No.	E20
Connector Name	WIRE TO WIRE
Connector Type	SA436MB-RSF-SH28



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	W	-
7	L/B	-
8	P	-
10	G	-
11	W	-
11	Y	-

Terminal No.	Color of Wire	Signal Name [Specification]
12	V	-
13	L	-
14	LG	- [With VK engine]
14	V	- [With VG engine]
15	SB	-
16	GR	-
19	W	-
20	BR	-
21	G	-
22	O	-
23	L	-
24	GR	-
25	Y	-
28	Y	-
29	Y	-
30	B	-
31	LG	-
32	W	-
33	BR	-
34	O	-
37	SHIELD	-
38	G	-
39	Y	-
40	R	-
41	W	-
42	L	-
43	B	-
46	SHIELD	-
47	R	-
48	L	-
49	G	-
50	B	-
51	Y	-
52	W	-

Connector No.	E24
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS03FB-PR



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

Terminal No.	Color of Wire	Signal Name [Specification]
3	V	-
4	R	-
5	B/W	-
6	B/W	-

Connector No.	E34
Connector Name	FRONT FOG LAMP RH
Connector Type	FH202FB



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

Connector No.	E35
Connector Name	INJECTOR RELAY 1
Connector Type	MS02FE-M2-LC



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

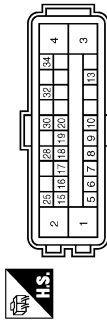
BATTERY POWER SUPPLY

Connector No.	E36
Connector Name	INJECTOR RELAY 2
Connector Type	MS20FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	-
2	R	-
3	P	-
5	V	-

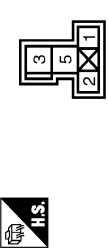
Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	SAZ20FB-SJZ4-U



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	ECU(GND)
2	B	MOTOR(GND)
3	Y	SOLENOID(POWER)
4	G	MOTOR(POWER)
5	SB	STOP LAMP SW
6	Y	CANM2(-)
7	W	Rr-LH SENSIGNAL
8	G	Rr-LH SENSIGNAL
9	BR	F-RH SENSIGNAL
10	B	F-RH SENSIGNAL
13	LG	VAC SENSIGNAL
15	P	CAN-L
16	B	CANM2(+)
17	Y	Rr-RH SENSIGNAL
18	BR	Rr-RH SENSIGNAL
19	SB	F-LH SENSIGNAL
20	O	F-LH SENSIGNAL
28	L	CAN-H

28	V	VAC SENS(POWER)
30	R	VDC OFF SW
32	SHIELD	VAC SENS(GND)
34	G	IGN(POWER)

Connector No.	E45
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	MS20FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	W	-
3	O	-
5	W	-

Connector No.	E54
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS20FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	-
2	P	-
3	G	-
4	W	-
5	B/Y	-
6	B/Y	-

Connector No.	E64
Connector Name	FRONT FOG LAMP LH
Connector Type	FKZ02FB



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LD1FV-MC



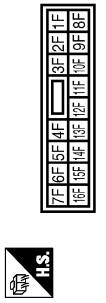
Terminal No.	Color of Wire	Signal Name [Specification]
ID	R	-
	R	-

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



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

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FM-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
8F	O	-
9F	W	-
12F	Y	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	M02MW-LC



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

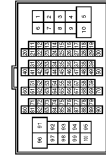
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	I	-
46	GR	-
47	V	-
48	G	-
49	O	-

50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	R	-
67	SB	-
77	O	-
78	SB	-
80	G	-
81	R	-
82	SB	-
83	GR	-
84	Y	-
85	Y	-
86	L	-
87	V	-
88	BR	-
89	LG	-
90	W	-
91	W	-
92	P	-
93	LG	-
94	BR	-
95	W	-
96	R	-
97	R	-
98	Y	-
99	V	-
100	V	-

Connector No.	E202
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	-



Terminal No.	6	Color of Wire	B/GR	Signal Name [Specification]	-
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Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	-



Terminal No.	1	Color of Wire	B/GR	Signal Name [Specification]	B
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Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	-



Terminal No.	2	Color of Wire	B/Y	Signal Name [Specification]	-
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Connector No.	E205
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	-



Terminal No.	7	Color of Wire	B/Y	Signal Name [Specification]	-
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Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	HS0CFB



Terminal No.	2	Color of Wire	G	Signal Name [Specification]	L
3	W		S [With YK engine]		
4	P		S [With VQ engine]		C

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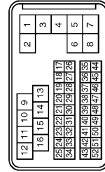
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

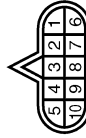
Connector No.	F40
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RSS-SH28



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	R	- [With VK engine]
7	W	- [With VK engine]
8	L/B	-
9	W	-
10	G	-
11	G	- [With VK engine]
12	R	- [With VK engine]
13	W	-
14	P	-
15	V	-
16	R	-
17	O	- [With VK engine]
18	Y	- [With VK engine]
19	W	- [With VK engine]
20	W	- [With VK engine]
21	G	-
22	W	-
23	L	-
24	Y	-
25	LG	-
26	R	-
27	W	-
28	W	-
29	W	-
30	B	-
31	W	-
32	LG	- [With VK engine]
33	GR	- [With VK engine]
34	Y	- [With VK engine]
35	P	- [With VK engine]
36	O	-
37	SHIELD	-
38	LG	- [With VK engine]
39	G	- [With VK engine]

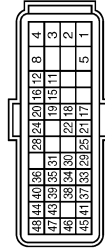
39	L/Y	- [With VK engine]
40	P	- [With VK engine]
41	W/L	- [With VK engine]
42	R	- [With VK engine]
43	O/L	- [With VK engine]
44	W	- [With VK engine]
45	O	- [With VK engine]
46	LG	- [With VK engine]
47	W	- [With VK engine]
48	SHIELD	-
49	L/G	- [With VK engine]
50	W	- [With VK engine]
51	B	- [With VK engine]
52	W	- [With VK engine]
53	O	- [With VK engine]

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	R	-
3	L	-
4	V	-
5	B	-
6	G	-
7	SB	-
8	P	-
9	LG	-
10	B	-

Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-L-RH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	AFH1
2	G	MOTOR-B1
3	R	VMOT-B1
4	BR	MOTOR2-B1
5	L	AFH2
6	B	GND
7	GR	IGNH4
8	L	IGNH3
9	W	IGNH5
10	G	IGNH2
11	P	O2HRI
12	Y	CVTCH1
13	V	IGNH6
14	Y	IGNH1
15	GR	EYAP
16	B	PPR
17	W	SSOFF
18	O	MOTRLY1-B1
19	R	ABORT
20	Y	CVTTH2
21	O	TPST-B1
22	O/L	TPST-B2
23	LG	O2HR2
24	W/L	TPSZ-B1
25	W	TPSZ-B2
26	B	POS
27	L	INTPRES
28	O/L	GND-TPS-B1
29	W	AVCC-TPS-B1
30	L	AVCC-TPS-B2
31	W	AVCC-POS
32	R	GND-POS
33	O	GND-TPS-B2

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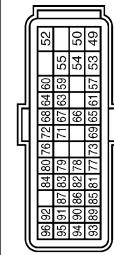
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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BATTERY POWER SUPPLY

Connector No.	F102
Connector Name	ECM
Connector Type	RH40BR-R28-L-RH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
48	LG	MOTOR2-B2
50	V	MOTOR1-B2
52	R	VMOT-B2
53	G	IGN SW
54	L	ENG CAN-L1
55	Y	ENG CAN-H1
57	L	AF+1
59	L	PHASE#1
60	G	AVCC PHIS1-E PHIS1/PS
61	B/W	AF-1
63	BR	PHASE#2
64	W	AVCC PHIS2-E PHIS2/OU
65	L/O	AF-2
66	W/L	AF-2
67	Y	TAI
68	V	GNDA GA1/TAI
69	W	RNK2
71	SB	TW
72	SHIELD	GNDA-KNK
73	W	RNK1
76	BR	OZSR1
77	O	GA1+
78	G	TO
79	BR	GAZ+
80	L	OZSR2
81	Y	INJ#3
82	V	INJ#6
83	W	BATT TEMP
84	B/W	GNDA OZS-TW-TO
85	BR	INJ#2
86	R	INJ#5
87	V	PSPRES
89	GR	INJ#1
90	G	INJ#4
91	G	CURSEN
92	R	GNDA PHASE#2
93	W	BATT
94	B	GNDA GA2

95	W	GNDA CURSEN
96	O	GNDA PHASE#1/PS

Connector No.	F301
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SPT10FG



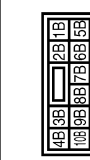
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VIGN
2	B	BATT
3	R	CAN-H
4	O	KLINE
5	G	GND
6	GR	VIGN
7	L	REV LAMP RLY
8	BR	CAN-L
9	Y	START RLY
10	W/B	GND

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



Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
3B	P	-
4B	G	-
5B	S/S	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

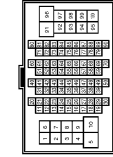
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	W	
3	SB	
4	LG	
5	W	
7	BG	
8	G	
9	Y	
10	W	
11	R	
12	V	
13	LG	
14	L	
15	V	
16	B	
17	GR	
18	V	
20	SB	
21	BR	
22	L	
23	P	
27	SHIELD	
28	V	
29	SB	
31	BG	
32	P	
33	R	
34	BG	
40	BR	
41	BR	
42	L	
43	P	
44	BR	
45	Y	
46	BG	
47	V	
48	G	
49	BG	

50	W	
60	GR	
61	B	
62	LG	
64	BR	
64	L	
66	R	
66	P	
67	L	
77	B	
78	V	
80	G	
81	L	
82	B	
83	BG	
84	SB	
85	Y	
86	L	
87	V	
88	V	
89	LG	
90	BG	
91	W	
92	BG	
93	G	
94	Y	
95	W	
96	R	
97	SB	
98	R	
99	W	
100	L	

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

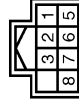


Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	Y	
4	BR	
5	P	

6	W	
7	G	
8	Y	
9	G	
10	V	
11	V	- [With Climate controlled seat]
12	L	- [With Heater seat]
12	P	- [With Climate controlled seat]
13	GR	
13	BR	- [With heater seat]
14	GR	
15	BG	
16	V	
17	BG	- [With ICC]
17	B	- [Without ICC]
18	L	
19	W	
20	R	
21	B	
22	LG	
23	W	
24	V	
25	G	
26	BR	
27	SB	
28	P	
29	L	
30	SHIELD	
32	L	
33	P	
34	L	
35	P	
36	BG	
37	SB	
40	SHIELD	
41	SB	
42	V	
45	W	
47	L	
48	LG	
49	BR	
50	V	
51	V	
52	P	
53	BG	
56	SB	
57	P	
58	LG	
59	Y	
60	GR	
61	B	
62	LG	

63	BR	
65	W	
66	R	
67	V	
68	LG	
69	SB	
70	V	
72	L	
73	P	
74	L	
75	P	
76	G	
77	Y	
78	SB	
79	W	
81	LG	
82	BR	
83	BG	
84	B	
85	W	
86	G	
87	R	
88	G	
91	W	
92	G	
96	W	
97	BG	
98	Y	
99	LG	

Connector No.	M40
Connector Name	STEERING LOCK UNIT
Connector Type	TH80PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	S/L 12V (MECHANICAL)
2	Y	S/L (K LINE)
3	L	S/L COND/L/COM
5	B	GND
6	B	GND
7	W	S/L 12V (CPU)
8	P	S/L COND/L/COM2

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M41
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	SN02FGY



Terminal No.	11	R	FR-MTR PWR SUPPLY
Terminal No.	12	B	FR-MTR GND



Connector No.	M61
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M06FER-R-LC



Terminal No.	1	B	-
Terminal No.	2	W	-
Terminal No.	3	W	-
Terminal No.	5	LG	-
Terminal No.	6	G	-
Terminal No.	7	SB	-

Connector No.	M68
Connector Name	HEATED STEERING WHEEL RELAY
Connector Type	MS02FL-M2-LC



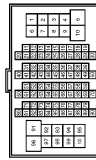
Terminal No.	1	B	Signal Name [Specification]
Terminal No.	2	L	-
Terminal No.	3	B	-
Terminal No.	3	BR	-

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-M2-LC



Terminal No.	1	B	Signal Name [Specification]
Terminal No.	2	W	-
Terminal No.	3	G	-
Terminal No.	5	SB	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH60FW-C516-TM4



Terminal No.	3	Y	Signal Name [Specification]
Terminal No.	17	GR	-
Terminal No.	18	P	-
Terminal No.	19	BR	-
Terminal No.	20	GR	-
Terminal No.	21	Y	-
Terminal No.	22	LG	-
Terminal No.	23	R	-
Terminal No.	24	B3	-
Terminal No.	25	LG	-

26	W	-
27	R	-
28	V	-
29	Y	-
30	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	- [With Climate controlled seat]
46	B3	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	-
49	B3	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-
63	R	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	B3	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	Y	-
91	W	- [With Climate controlled seat]
93	G	- [With heated seat]

94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

Connector No.	M130
Connector Name	NATS ANTENNA AMP.
Connector Type	TH04FW-NH

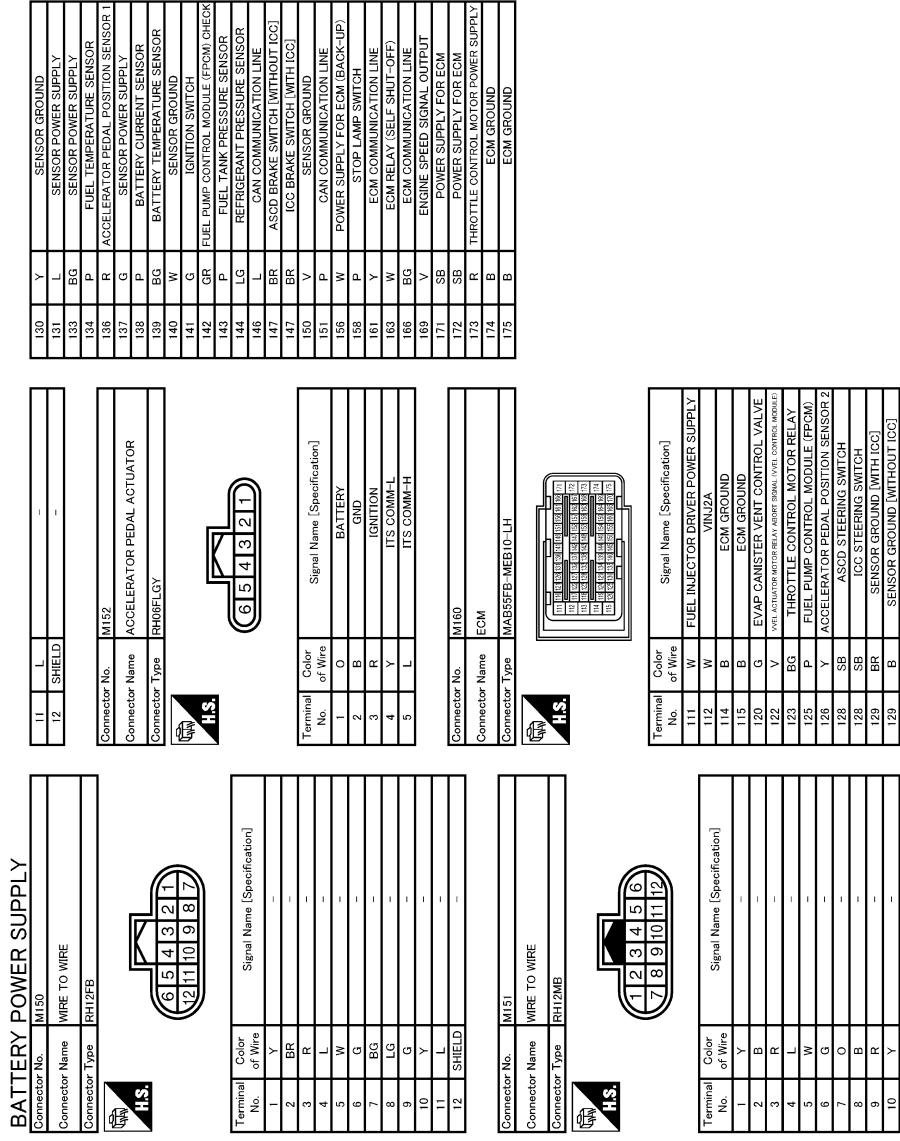


Terminal No.	1	L	Signal Name [Specification]
Terminal No.	2	P	BAT
Terminal No.	3	G	CLK
Terminal No.	4	B	DATA
Terminal No.	4	B	GND

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



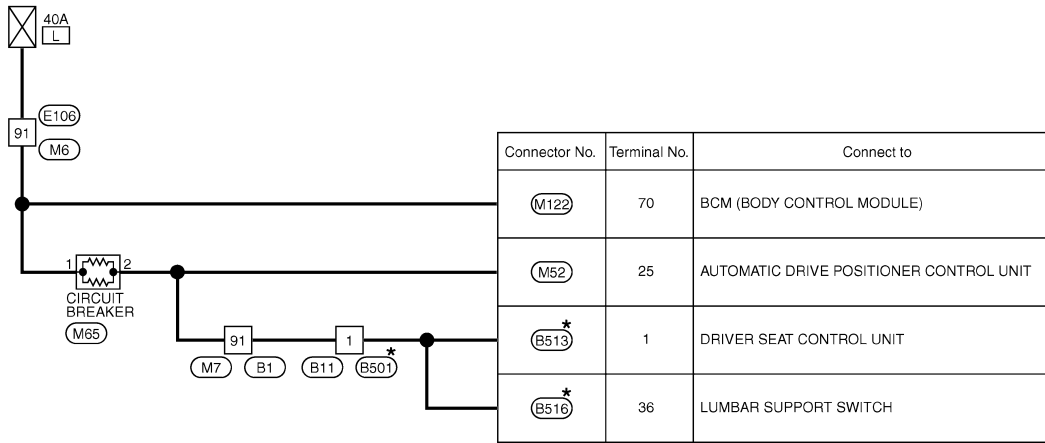
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSIBLE LINK No. L

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat]
11	L	- [With heated seat]
12	P	- [With Climate controlled seat]
12	GR	- [With heated seat]
13	BR	-
14	R	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system]
28	L/O	- [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system]
29	W/L	- [Without Pre-crash seat belt system]
30	SHIELD	- [Without Pre-crash seat belt system]
32	L	-
33	R	-
34	L	-
35	R	-
36	G	-

37	SB	G	-
40	SHIELD	-	-
41	GR/V	-	-
42	W/L	-	-
45	W	-	-
47	W	-	-
48	V	-	-
49	BR	-	-
50	SB	-	-
51	V	-	-
52	LG	-	-
53	G	-	-
56	P	-	-
57	BR	-	-
58	LG	-	-
59	Y	-	-
60	W	-	-
61	B	-	-
62	LG	-	-
63	BR	-	- [With ICC and 4WAS system]
63	V	-	- [Without ICC and 4WAS system]
65	O	-	-
66	BR	-	-
67	V	-	-
68	LG	-	-
69	GR	-	-
70	R	-	-
72	L	-	-
73	P	-	-
74	L	-	-
75	P	-	-
76	Y	-	-
77	R	-	-
78	W	-	-
79	G	-	-
81	LG	-	-
82	BR	-	-
83	SB	-	-
84	Y	-	-
85	W	-	-
86	R	-	-
87	G	-	-
88	GR	-	-
91	SB	-	-
92	G	-	-
96	Y	-	-
97	O	-	-
98	SB	-	-
99	LG	-	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
23	L	-
24	P	-
25	BR	-
26	W	-
27	L	-
28	P	-
29	O	-
30	V	-
31	BR	-
32	LG	-
35	LG	-
40	O	-
41	B	-

Connector No.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS16MM-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
23	P	-
24	P/L	-
25	G/O	-
26	L/O	-
27	V	-

28	V/W	-
29	L	-
30	BR	-
31	BR/W	-
32	W/Y	-
35	W/Y	-
40	W/G	-
41	GR	-

Connector No.	B513
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	BAT (PTC)
2	B	GND
3	G	SLIDE MOTOR (FORWARD)
4	G/R	SLIDE MOTOR (BACKWARD)
5	V	RECLINER MOTOR (FORWARD)
6	R/L	RECLINER MOTOR (BACKWARD)
7	L	REAR LIFTER MOTOR (DOWNWARD)
8	L/W	REAR LIFTER MOTOR (UPWARD)
9	L/R	FRONT LIFTER MOTOR (UPWARD)
10	L/B	FRONT LIFTER MOTOR (DOWNWARD)

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

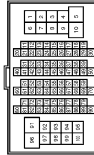
BATTERY POWER SUPPLY FUSIBLE LINK No. L

Connector No.	E108
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	TH80PW-CS16-CS



Terminal No.	Color of Wire	Signal Name [Specification]
36	R	-
37	LG	-
38	Y/W	-
39	Y	-

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-

21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	W/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	G	-
49	O	-
50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	R	-
67	SB	-
77	O	-
78	SB	-
80	G	-
81	R	-
82	SB	-
83	GR	-
84	Y	-
85	Y	-
86	L	-
87	V	-
88	BR	-
89	LG	-
90	W	-
91	W	-
92	P	-
93	LG	-
94	BR	-
95	W	-
96	R	-
97	Y	-
98	R	-
99	V	-
100	V	-

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MM-CS16-TM4



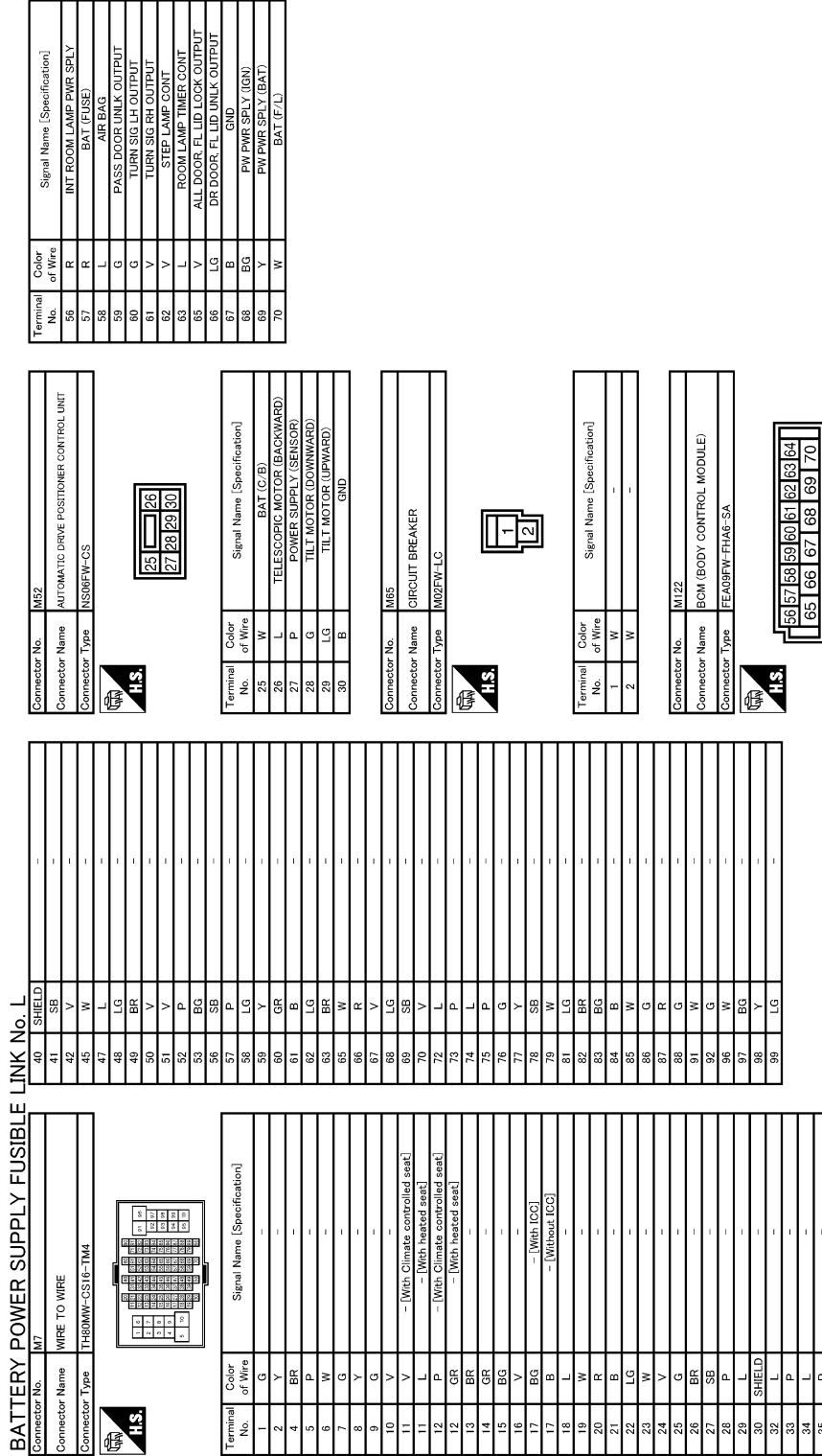
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	SB	-
4	LG	-
5	W	-
7	BG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	Y	-
15	Y	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	Y	-
48	G	-
49	BG	-

50	W	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	L	-
65	R	-
66	P	-
67	L	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
85	Y	-
86	L	-
87	V	-
88	V	-
89	LG	-
90	BG	-
91	W	-
92	BG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

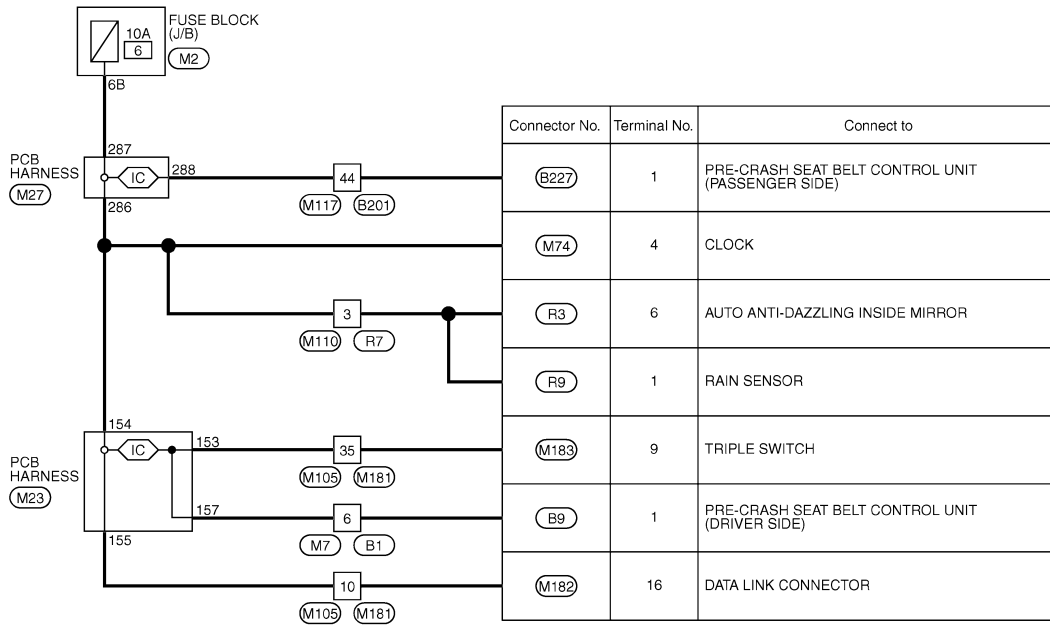
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

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BATTERY POWER SUPPLY FUSE No. 6

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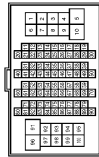
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

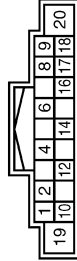
BATTERY POWER SUPPLY FUSE No. 6

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH00PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat]
12	L	- [With heated seat]
12	P	- [With Climate controlled seat]
13	GR	- [With heated seat]
14	BR	-
15	R	-
16	O	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system]
28	L/O	- [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system]
29	W/L	- [Without Pre-crash seat belt system]
30	SHIELD	- [Without Pre-crash seat belt system]
32	L	-
33	R	-
34	L	-
35	R	-
36	G	-

Connector No.	B9
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT (DRIVER SIDE)
Connector Type	TH18PW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	SIG BAT
2	G	OUT 1
4	P	CAN LO
6	LG	BUCKLE SW LH NO
8	BR	LOCAL COMM 2
9	SHIELD	SHIELD GND
10	R	SENS POWER 1
12	B	OUT 2
14	L	CAN HI
16	Y	LOCAL COMM 1
17	W	SENS GND 1
18	B	SIG GND
19	Y	MOTOR BAT
20	B	MOTOR GND

37	SB	G	-
40	SHIELD	-	-
41	GR/V	-	-
42	W/L	-	-
45	W	-	-
47	V	-	-
48	V	-	-
49	BR	-	-
50	SB	-	-
51	V	-	-
52	LG	-	-
53	G	-	-
56	P	-	-
57	BR	-	-
58	LG	-	-
59	Y	-	-
60	W	-	-
61	B	-	-
62	LG	-	-
63	BR	- [With ICC and 4WAS system]	-
63	V	- [Without ICC and 4WAS system]	-
65	O	-	-
66	BR	-	-
67	V	-	-
68	LG	-	-
69	GR	-	-
70	R	-	-
72	L	-	-
73	P	-	-
74	L	-	-
75	P	-	-
76	Y	-	-
77	R	-	-
78	W	-	-
79	G	-	-
81	LG	-	-
82	BR	-	-
83	SB	-	-
84	Y	-	-
85	W	-	-
86	R	-	-
87	G	-	-
88	GR	-	-
91	SB	-	-
92	G	-	-
96	Y	-	-
97	O	-	-
98	SB	-	-
99	LG	-	-

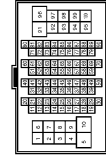
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 6

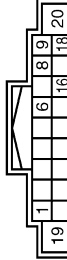
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH8DMW-CS16-TM44



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	GR	-
23	R	-
24	V	-
25	B	-
26	W	-
27	O	-
28	V	-
29	P	-
30	O	-
31	B/R	-
32	Y	-
40	SHIELD	-
41	W/R	-
42	V	-
44	P	-
45	SB	-
46	R	- [With Climate controlled seat]
46	Y	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	-
49	O	-
50	R	-
51	GR	-
52	LG	-
53	P	-
56	P	-
57	W	-
58	O	-
58	V	-
61	SB	-
62	L	-

63	W	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	P	-
80	G	-
81	P	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	W	-
87	O	-
88	Y	-
89	BR	-
90	L	-
91	BR	-
93	Y	- [With Climate controlled seat]
93	O	- [With heated seat]
94	GR	-
96	W	-
97	P	-
98	LG	-
99	LG	-
100	Y	-

Connector No.	B227
Connector Name	PRE-DASH SEAT BELT CONTROL UNIT PASSENGER SIDE
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	SIG BAT
6	G	BUCKLE SW RH NO
8	V	LOCAL COMM 2
16	LG	LOCAL COMM 1
16	B	SIG GND
19	W	MOTOR BAT

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
3B	P	-
4B	G	-
5B	SB	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

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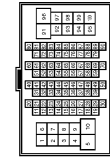
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 6

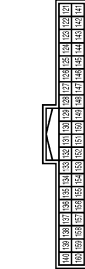
Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH30MW-CS16-1M4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-
6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	V	- [With Climate controlled seat] - [With heated seat]
12	P	- [With Climate controlled seat] - [With heated seat]
13	GR	-
14	BR	-
15	GR	-
16	V	-
17	BG	- [With ICC] - [Without ICC]
18	L	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	L	-
33	P	-
34	L	-
35	P	-
36	BG	-
37	SB	-

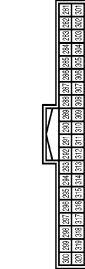
40	SHIELD	-
41	SR	-
42	V	-
45	W	-
47	L	-
48	LG	-
49	BR	-
50	V	-
51	V	-
52	P	-
53	BG	-
56	SB	-
57	P	-
58	LG	-
59	Y	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
72	L	-
73	P	-
74	L	-
75	P	-
76	G	-
77	Y	-
78	SB	-
79	W	-
81	LG	-
82	BR	-
83	BG	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
92	G	-
96	W	-
97	BG	-
98	Y	-
99	LG	-

Connector No.	M23
Connector Name	PCB HARNESS
Connector Type	TH40FW-NH



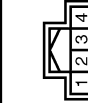
Terminal No.	Color of Wire	Signal Name [Specification]
121	R	-
122	V	-
123	BG	-
124	BG	-
128	BR	-
130	B	-
131	SB	-
132	LG	-
133	L	-
135	P	-
137	Y	-
138	L	-
139	P	-
140	L	-
141	W	-
142	W	-
144	P	-
145	R	-
146	LG	-
147	B	-
148	L	-
149	B	-
150	P	-
151	L	-
152	B	-
153	W	-
154	W	-
155	W	-
157	W	-
158	R	-
159	R	-

Connector No.	M27
Connector Name	PCB HARNESS
Connector Type	TH40EB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
282	BG	-
283	BG	-
284	LG	-
285	W	-
287	Y	-
288	W	-
290	B	-
292	B	-
293	B	-
294	B	-
295	B	-
299	V	-
301	R	-
302	R	-
303	R	-
319	V	-
320	W	-

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



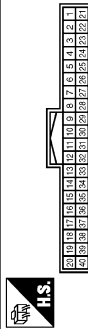
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATTERY POWER SUPPLY
2	B	GROUND
3	B	ILLUMINATION (+)
4	B	ILLUMINATION (-)

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 6

Connector No.	M105
Connector Name	WIRE TO WIRE
Connector Type	TH4DFW-NH



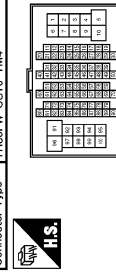
Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH2AMV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	LG	-
6	P	-
7	L	-
8	P	-
9	B	-
10	W	-
11	W	-
12	SB	-
14	SB	-
15	BR	-
16	V	-
18	G	-
19	B	-
20	V	-
22	BG	-
23	B	-
25	W	-
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	BR	-
8	R	-
9	B	-
13	L	-
14	B	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	B	-
20	V	-
21	R	-
22	G	-
23	L	-
24	LG	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-

Terminal No.	Color of Wire	Signal Name [Specification]
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	-
46	BG	- [With Climate controlled seat]
47	G	- [With heated seat]
47	GR	- [With Climate controlled seat]
48	V	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-
63	R	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	Y	-
85	LG	-
86	V	-

Terminal No.	Color of Wire	Signal Name [Specification]
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
93	W	-
93	G	- [With Climate controlled seat]
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

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POWER SUPPLY ROUTING CIRCUIT

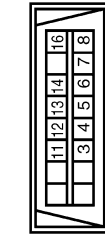
< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 6

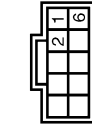
Connector No.	M181
Connector Name	WIRE TO WIRE
Connector Type	TH00MW-NH



Connector No.	M182
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW



Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	SAC10FB



Connector No.	R9
Connector Name	RAIN SENSOR
Connector Type	A4803FB

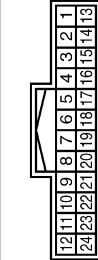


Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	R	-
6	BR	-
7	L	-
8	P	-
9	B	-
10	W	-
11	LG	-
12	SB	-
14	SB	-
15	BR	-
16	V	-
18	G	-
19	B	-
20	V	-
22	BG	-
23	B	-
25	W	-
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

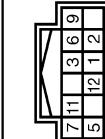
Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	B	-
6	L	-
7	V	-
8	LG	-
11	SB	-
12	P	-
13	L	-
14	P	-
16	W	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
6	G	BAT

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Connector No.	M183
Connector Name	TRIPLE SWITCH
Connector Type	TH12FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	R	-
8	P	-
9	B	-
13	L	-
14	L	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	B	-
20	R	-
21	R	-
22	G	-
23	L	-
24	LG	-

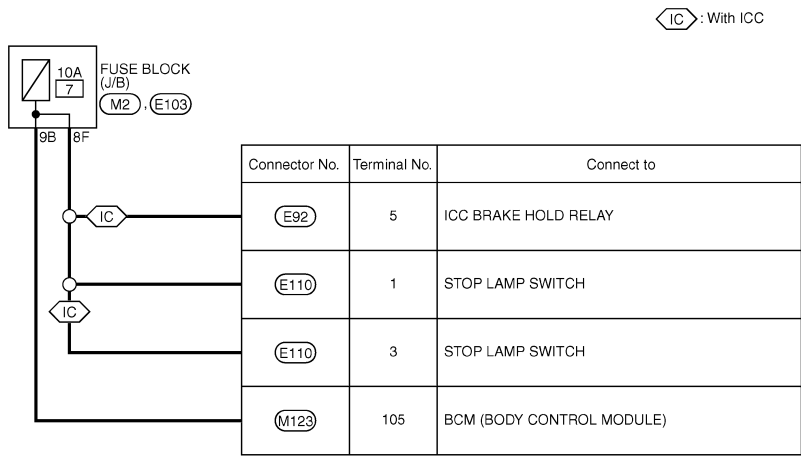
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 7

Connector No.	E102
Connector Name	ICC BRAKE HOLD RELAY
Connector Type	NS2PEL-M2-LC



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	O	-
8F	W	-
9F	R	-
12F	Y	-

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	MD4FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	V	-
3	W	- [With ICC]
3	G	- [Without ICC]
4	SB	- [With ICC]
4	Y	- [Without ICC]

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
3B	P	-
4B	G	-
5B	SB	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH




Terminal No.	Color of Wire	Signal Name [Specification]
72	B	OUTS HD LAMP OUTPUT
73	V	ON IND
75	G	DR DOOR REQ SW
76	SB	PASS DOOR REQ SW
78	BR	DRIVER DOOR ANT+
79	SB	DRIVER DOOR ANT-
80	LG	PASSENGER DOOR ANT+
81	V	PASSENGER DOOR ANT-
82	V	REAR EMPR ANT+
83	SB	REAR EMPR ANT-
84	BR	ROOM ANTI+
85	Y	ROOM ANTI-
86	R	ROOM ANTI+
87	G	ROOM ANTI-
88	V	TRUNK ROOM ANT+
89	SB	TRUNK ROOM ANT-
90	R	PUSH-BTN IGN SW ILL PWR
91	GR	LOCK IND
92	B	PUSH-BTN IGN SW ILL GND
93	V	F-KEY WARN BUZZER
94	Y	S/L UNIT COMM
95	W	S/L UNIT PWR SPLY
96	SB	ACC RELAY CONT
97	SB	STARTER RELAY CONT
98	B	IGN RELAY (PDM E/R) CONT
99	R	IGN RELAY (F/B) CONT
100	BR	PUSH SW
102	GR	P/N POSITION
104	GR	A/T SHIFT SELECT PWR SPLY
105	R	STOP LAMP SW 2
106	B	BLWR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	Y	ACC IND

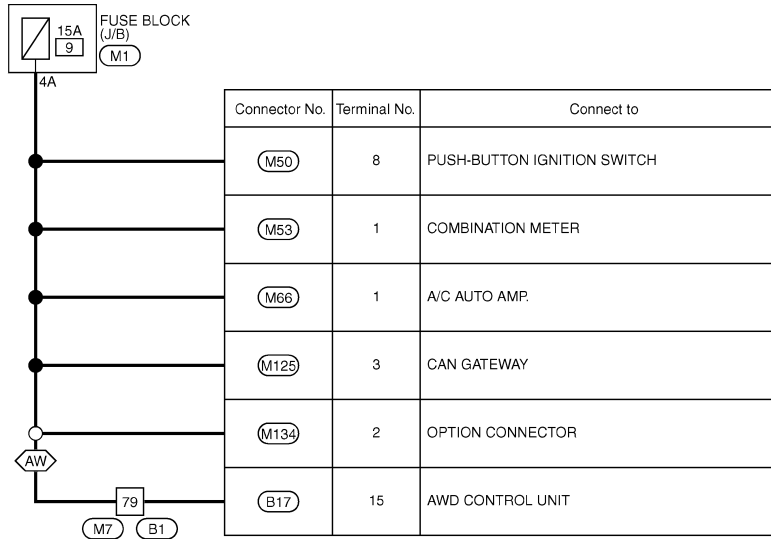
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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 : AWD models



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 9

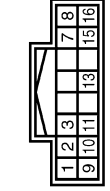
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH00PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat]
11	L	- [With heated seat]
12	P	- [With Climate controlled seat]
12	GR	- [With heated seat]
13	BR	-
14	R	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system]
28	L/O	- [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system]
29	W/L	- [Without Pre-crash seat belt system]
30	SHIELD	-
32	L	-
33	R	-
34	L	-
35	R	-
36	G	-

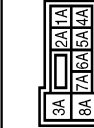
37	SB	-
40	SHIELD	-
41	GR/V	-
42	W/L	-
45	W	-
47	W	-
48	V	-
49	BR	-
50	SB	-
51	V	-
52	LG	-
53	G	-
56	P	-
57	BR	-
58	LG	-
59	Y	-
60	W	-
61	B	-
62	LG	-
63	BR	- [With ICC and 4WAS system]
63	V	- [Without ICC and 4WAS system]
65	O	-
66	BR	-
67	V	-
68	LG	-
69	GR	-
70	R	-
72	L	-
73	P	-
74	L	-
75	P	-
76	Y	-
77	R	-
78	W	-
79	G	-
81	LG	-
82	BR	-
83	SB	-
84	Y	-
85	W	-
86	R	-
87	G	-
88	GR	-
91	SB	-
92	G	-
96	Y	-
97	O	-
98	SB	-
99	LG	-

Connector No.	B17
Connector Name	AWD CONTROL UNIT
Connector Type	TH18PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	AWD SOL (+)
2	R	AWD SOL (-)
3	W	OIL TEMP (-)
7	Y	IGN
8	L	CAN-H
9	SB	AWD SOL BAT
10	B/Y	GND
11	B/Y	GND
13	LG	OIL TEMP (+)
15	G	VB
16	P	CAN-L

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS06PW-M2



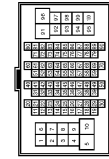
Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

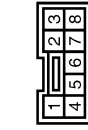
BATTERY POWER SUPPLY FUSE No. 9

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH30MW-C516-TM4



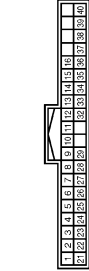
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-
6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	V	- [With Climate controlled seat]
12	B	- [With heated seat]
13	GR	- [With Climate controlled seat]
14	GR	- [With heated seat]
15	BG	-
16	V	-
17	BG	- [With ICC]
18	L	- [Without ICC]
19	W	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	P	-
33	P	-
34	L	-
35	B	-
36	BG	-
37	SB	-

Connector No.	M80
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK03FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	R	-
4	BR	-
5	GR	-
6	Y	-
7	V	-
8	W	-

Connector No.	M83
Connector Name	COMBINATION METER
Connector Type	TH40PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATTERY POWER SUPPLY
2	BG	IGNITION SIGNAL
3	GR	VEHICLE SPEED SIGNAL (2-PULSE)
4	R	VEHICLE SPEED SIGNAL (8-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	B	METER CONTROL SWITCH GROUND
7	SB	ENTER SWITCH SIGNAL
8	LG	SELECT SWITCH SIGNAL
9	G	ILLUMINATION CONTROL SWITCH SIGNAL (1)
10	GR	ILLUMINATION CONTROL SWITCH SIGNAL (2)
11	L	TRIP RESET SWITCH SIGNAL
12	B	GROUND
14	L	CAN-H
15	P	CAN-L

16	R	AIR BAG SIGNAL
23	B	GROUND
24	B	FUEL LEVEL SENSOR GROUND
25	W	ALTERNATOR SIGNAL
26	V	PARKING BRAKE SWITCH SIGNAL
27	V	BRAKE FLUID LEVEL SWITCH SIGNAL
28	G	SECURITY SIGNAL
29	L	WASHER LEVEL SWITCH SIGNAL
32	G	PADDLE SHIFTER SHIFT DOWN SIGNAL
33	BG	PADDLE SHIFTER SHIFT UP SIGNAL
34	G	FUEL LEVEL SENSOR SIGNAL
35	W	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	G	PASSENGER SEAT BELT WARNING SIGNAL
37	G	NON-MANUAL MODE SIGNAL
38	V	MANUAL MODE SHIFT DOWN SIGNAL
39	L	MANUAL MODE SHIFT UP SIGNAL
40	W	MANUAL MODE SIGNAL

Connector No.	M85
Connector Name	A/C AUTO AMP
Connector Type	TH40PW-TB8



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BATTERY POWER SUPPLY
2	W	IGNITION POWER SUPPLY
6	R	BLOWER MOTOR F/B SIGNAL
7	L	POWER TRANSISTOR CONTROL SIGNAL
10	B	GROUND
11	P	CAN-H
12	L	CAN-L
13	V	AGC POWER SUPPLY
17	BG	ECV CONTROL SIGNAL
20	R	HUMIDITY SENSOR (SGK) SIGNAL
21	Y	HUMIDITY SENSOR (DATA) SIGNAL
22	B	HUMIDITY SENSOR GROUND
23	W	DRIVE MODE SELECT SW (SIGW)
24	L	DRIVE MODE SELECT SW (ECC)
25	G	DRIVE MODE SELECT SW (STANDARD)
26	Y	DRIVE MODE SELECT SW (SPORT)

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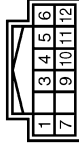
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

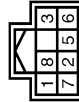
BATTERY POWER SUPPLY FUSE No. 9

Connector No.	M125
Connector Name	CAN GATEWAY
Connector Type	TH12PW-1RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	L	CAN-H
3	GR	BATTERY
4	L	CAN-H
5	B	GND
6	L	CAN-H
7	P	CAN-L
9	W	IGNITION
10	P	CAN-L
11	B	GND
12	P	CAN-L

Connector No.	M134
Connector Name	OPTION CONNECTOR
Connector Type	TH13PW-1RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	W	-
3	L	-
5	P	-
6	B	-
7	LG	-
8	GR	-

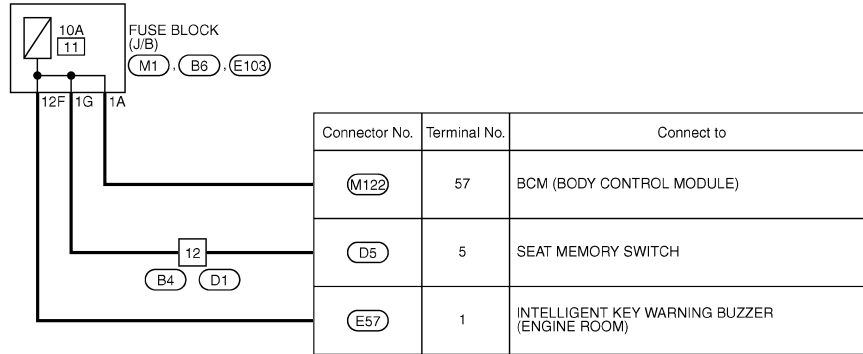
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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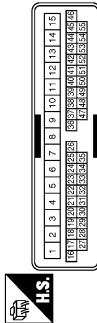
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 11

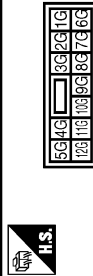
Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
5	B/W	-
6	L	-
7	R	-
8	B	-
9	W	-
10	LG	-
11	P	-
12	GR	-
13	B/W	-
14	SB	-
15	O	-
16	G	-
17	Y	-
18	BR	-
19	GR	-
20	O	-
21	LG	-
22	L	-
23	SB	-
24	V	-
27	V	-
28	W	-
29	SB	-
30	L	-
31	LG	-
32	O	-
33	V	-
34	BR	-
35	B/R	-
36	P	-
37	BR	-
38	W	-
39	O	-
40	L	-
41	SHIELD	-
42	W/L	- [With Pre-crash seat belt system]
43	P	- [Without Pre-crash seat belt system]
		- [With Pre-crash seat belt system]

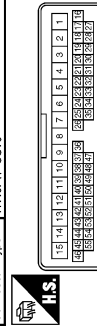
43	L/O	- [Without Pre-crash seat belt system]
44	R	-
45	Y	-
46	V	-
47	SB	-
48	GR	-
49	LG	-
50	B	-
51	G	-
52	R	-
53	B	-
54	V	-
55	W	-

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



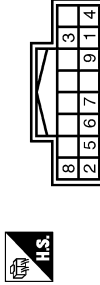
Terminal No.	Color of Wire	Signal Name [Specification]
1G	GR	-
2G	P	-
4G	L	-
5G	P/L	- [With VK engine]
6G	P	- [With YG engine]
10G	W	-
11G	W	-
12G	V	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	L	-
7	R	-
8	GR	-
9	G	-
10	LG	-
11	P	-
12	LG	-
13	B/W	-
14	Y	-
15	O	-
16	R	-
17	Y	-
18	BR	-
19	W	-
20	O	-
21	GR	-
22	G	-
23	LG	-
24	B	-
27	V	-
28	W	-
29	GR	-
30	G	-
31	Y	-
32	O	-
33	BR	-
34	L	-
35	P	-
36	V	-
37	GR	-
38	O	-
39	W	-
40	R	-
41	SHIELD	-
42	L	-
43	P	-
44	V	-
45	LG	-
46	BR	-
47	L	-
48	Y	-
49	P	-
50	B/W	-
51	G	-
52	Y	-
53	B/W	-
54	W	-
55	W	-

Connector No.	D5
Connector Name	SEAT MEMORY SWITCH
Connector Type	TH10FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	V	-
3	W	-
4	B	-
5	LG	-
6	GR	-
7	O	-
8	Y	-
9	B/W	-

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)
Connector Type	PK03FBR



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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BATTERY POWER SUPPLY FUSE No. 11

Connector No.	E103
Connector Name	FUSE BLOCK (U/E)
Connector Type	NS18FW-GS



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

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FW-FA46-SA



56	57	58	59	60	61	62	63	64
65	66	67	68	69	70			

Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	O	-
8F	W	-
9F	R	-
12F	Y	-

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



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

Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

Terminal No.	Color of Wire	Signal Name [Specification]
56	R	INT ROOM LAMP PWR SPLY
57	R	BAT (FUSE)
58	L	AIR BAG
59	G	PASS DOOR UNLK OUTPUT
60	G	TURN SIG LH OUTPUT
61	V	TURN SIG RH OUTPUT
62	V	STEP LAMP CONT
63	L	ROOM LAMP TIMER CONT
65	V	ALL DOOR FL LID LOCK OUTPUT
66	LG	DR DOOR FL LID UNLK OUTPUT
67	B	GND
68	BG	PW PWR SPLY (IGN)
69	Y	PW PWR SPLY (BAT)
70	W	BAT (F.L)

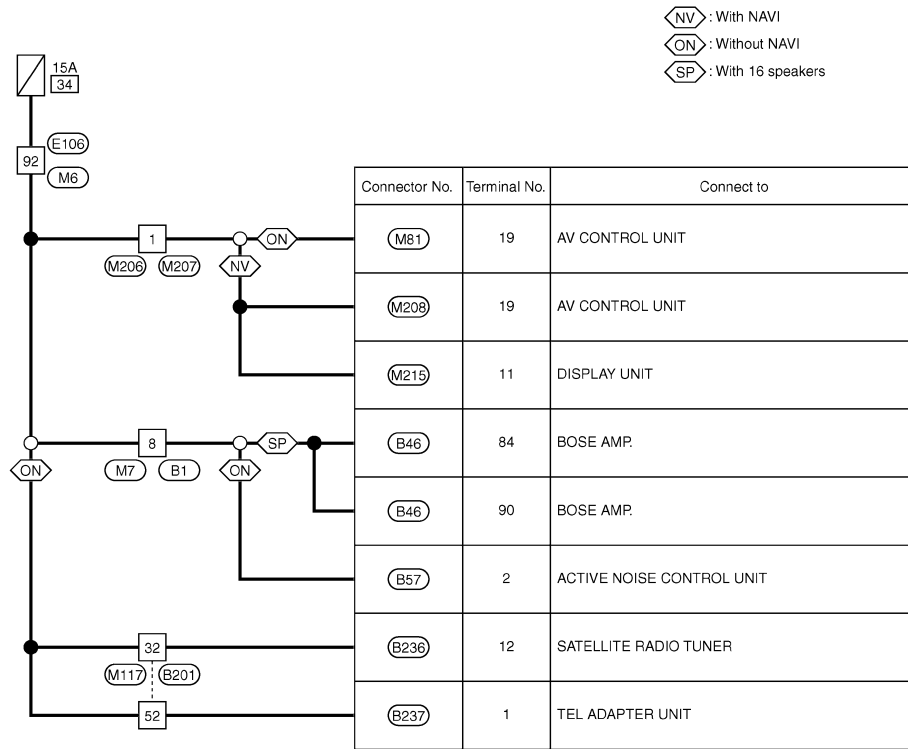
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 - BATTERY POWER SUPPLY FUSE No. 34

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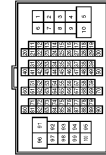
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

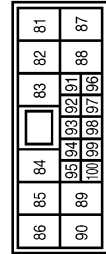
BATTERY POWER SUPPLY FUSE No. 34

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	W	
4	LG	
5	P	
6	V	
7	GR	
8	Y	
9	LG	
10	V	
11	GR	[With Climate controlled seat]
11	L	[Without Climate controlled seat]
12	P	[With heated seat]
12	GR	[Without heated seat]
13	BR	[With heated seat]
14	R	
15	O	
16	V	
17	B	
18	R	
19	W	
20	R	
21	B	
22	LG	
23	V	
24	Y	
25	G	
26	GR	
27	SB	
28	P	[With Pre-crash seat belt system]
28	L/O	[Without Pre-crash seat belt system]
29	L	[With Pre-crash seat belt system]
29	W/L	[Without Pre-crash seat belt system]
30	SHIELD	
32		
33	R	
34	L	
35	R	
36	G	

Connector No.	B46
Connector Name	BOSE AMP.
Connector Type	NH10FW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
81	L	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (C)
82	B/W	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (C)
83	B/R	GND
84	Y	BATTERY
85	O	SOUND SIGNAL SATELLITE SPEAKER RH (C)
86	P	SOUND SIGNAL SATELLITE SPEAKER RH (C)
87	G	OUT PUT 2*
88	R	OUT PUT 2*
89	B/R	GND
90	Y	BATTERY
91	G	AMP ON SIGNAL
92	G	AMP ON SIGNAL
93	BR	SOUND SIGNAL SATELLITE SPEAKER RH (C)
94	B/R	SOUND SIGNAL SATELLITE SPEAKER RH (C)
95	SHIELD	SHIELD
96	O	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (C)
97	W/L	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (C)
98	SHIELD	SHIELD
99	O/L	SOUND SIGNAL SATELLITE SPEAKER LH (C)
100	W	SOUND SIGNAL SATELLITE SPEAKER LH (C)

Connector No.	B57
Connector Name	ACTIVE NOISE CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/R	GND
2	Y	BATTERY

3	Y	SOUND SIGNAL FRONT LH
4	V	SOUND SIGNAL FRONT RH
5	LG	SOUND SIGNAL REAR LH
6	O	SOUND SIGNAL REAR RH
8	W	SOUND SIGNAL FRONT DOOR SPEAKERS/DOOR SWANKER LH
9	B	SOUND SIGNAL FRONT DOOR SPEAKERS/DOOR SWANKER RH
10	G	SOUND SIGNAL REAR DOOR SPEAKER LH
11	R	SOUND SIGNAL REAR DOOR SPEAKER RH
12	L	SOUND SIGNAL FRONT LH
13	GR	SOUND SIGNAL FRONT RH
14	W	SOUND SIGNAL REAR LH
15	SB	SOUND SIGNAL REAR RH
17	B	SOUND SIGNAL FRONT DOOR SPEAKERS/DOOR SWANKER LH
18	W	SOUND SIGNAL FRONT DOOR SPEAKERS/DOOR SWANKER RH
19	R	SOUND SIGNAL REAR DOOR SPEAKER LH
20	G	SOUND SIGNAL REAR DOOR SPEAKER RH

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 34

Connector No.	E201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-1M4



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	GR	-
23	R	-
24	V	-
25	B	-
26	W	-
27	O	-
28	V	-
29	P	-
30	O	-
31	B/R	-
32	Y	-
40	SHIELD	-
41	W/R	-
42	V	-
44	P	-
45	SB	-
46	R	- [With Climate controlled seat]
47	G	- [With heated seat]
47	GR	- [With Climate controlled seat]
48	V	- [With heated seat]
49	O	-
50	R	-
51	GR	-
52	LG	-
53	P	-
56	P	-
57	W	-
58	O	-
59	Y	-
63	SB	-
82	L	-

63	W	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	P	-
80	G	-
81	P	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	W	-
87	O	-
88	Y	-
89	BR	-
90	L	-
91	BR	-
93	Y	- [With Climate controlled seat]
93	O	- [With heated seat]
94	GR	-
96	W	-
97	P	-
98	LG	-
99	LG	-
100	Y	-

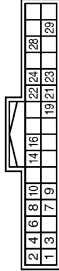
Connector No.	E236
Connector Name	SATELLITE RADIO TUNER
Connector Type	A18FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	SATELLITE RADIO SOUND SIGNAL LH (-)
2	R	SATELLITE RADIO SOUND SIGNAL LH (+)
3	W	SATELLITE RADIO SOUND SIGNAL RH (-)
4	B	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD

8	R	REQUEST (SAT->CONT)
9	B	COMM (SAT->CONT)
10	W	COMM (CONT->SAT)
12	Y	BATTERY
16	V	ACC

Connector No.	E237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH82FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	BATTERY
2	L	ACC
3	P	IGNITION
4	B/R	GND
7	W/R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	W/L	TEL VOICE SIGNAL (+)
10	GR/V	TEL VOICE SIGNAL (-)
14	B/R	GND
19	B/R	GND
21	B/R	CONTROL SIGNAL
23	B/R	CONTROL SIGNAL
24	B/R	CONTROL SIGNAL
28	W	VEHICLE SPEED (3-PULSE)
29	B/R	MICROPHONE VCC

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 34

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	G	-
49	O	-

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



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

87	V	-
88	V	-
89	LG	-
90	EG	-
91	W	-
92	EG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

5	W	-
7	EG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	L	-
15	V	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	EG	-
32	P	-
33	R	-
34	EG	-
40	BR	-
41	BR	-
42	L	-
43	L	-
44	BR	-
45	Y	-
46	EG	-
47	V	-
48	G	-
49	EG	-
50	W	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	L	-
65	R	-
66	P	-
67	L	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	EG	-
84	SB	-
85	Y	-
86	L	-

50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	R	-
67	SB	-
77	O	-
78	SB	-
80	G	-
81	R	-
82	SB	-
83	GR	-
84	Y	-
85	Y	-
86	L	-
87	V	-
88	BR	-
89	LG	-
90	W	-
91	W	-
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93	LG	-
94	BR	-
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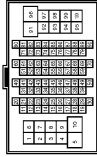
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

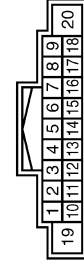
BATTERY POWER SUPPLY FUSE No. 34

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-
6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	V	- [With Climate controlled seat]
11	L	- [With heated seat]
12	P	-
12	GR	- [With Climate controlled seat]
13	BR	- [With heated seat]
14	GR	-
15	BG	-
16	V	-
17	BG	- [With ICC]
17	B	- [Without ICC]
18	L	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	L	-
33	P	-
34	L	-
35	P	-
36	BG	-
37	SB	-

Connector No.	M81
Connector Name	AV CONTROL UNIT
Connector Type	TH18PW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	SOUND SIGNAL FRONT LH (+)
3	L	SOUND SIGNAL FRONT LH (-)
4	GR	SOUND SIGNAL REAR LH (+)
5	G	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
9	SB	ILLUMINATION
11	BR	SOUND SIGNAL FRONT RH (+)
12	R	SOUND SIGNAL FRONT RH (-)
13	P	SOUND SIGNAL REAR RH (+)
14	V	SOUND SIGNAL REAR RH (-)
15	B	STRG SW B
16	L	STRG SW B
19	Y	BATTERY
20	B	GND

Terminal No.	Color of Wire	Signal Name [Specification]
40	SHIELD	-
41	SR	-
42	V	-
45	W	-
47	L	-
48	LG	-
49	BR	-
50	V	-
51	V	-
52	P	-
53	BG	-
56	SB	-
57	P	-
58	LG	-
59	Y	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
72	L	-
72	P	-
72	L	-
73	P	-
76	G	-
77	Y	-
78	SB	-
79	W	-
81	LG	-
82	BR	-
83	BG	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
92	G	-
96	W	-
97	BG	-
98	Y	-
99	LG	-

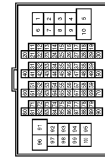
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 34

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH08PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	- [With Climate controlled seat]
47	G	- [With heated seat]
47	GR	- [With Climate controlled seat]
48	V	- [With heated seat]
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
58	W	-
61	LG	-
62	V	-



Connector No.	M206
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BG	-
4	SB	-
5	B	-
6	G	-
7	R	-

8	SHIELD	-
---	--------	---

Connector No.	M207
Connector Name	WIRE TO WIRE
Connector Type	NS08PW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BG	-
4	SB	-
5	B	-
6	G	-
7	R	-
8	SHIELD	-

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18PW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT LH (+)
3	P	SOUND SIGNAL FRONT LH (-)
4	V	SOUND SIGNAL REAR LH (+)
5	LG	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
10	SHIELD	SHIELD
11	G	SOUND SIGNAL FRONT RH (+)
12	R	SOUND SIGNAL FRONT RH (-)
13	BR	SOUND SIGNAL REAR RH (+)
14	GR	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND

16	L	STRG SW B
19	Y	BATTERY
20	B	GND

Connector No.	M215
Connector Name	DISPLAY UNIT
Connector Type	TH24PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	R	CAMERA IMAGE SIGNAL
9	Y	COMM [DISP->CONT]
10	BR	COMM [CONT->DISP]
11	Y	BATTERY
12	B	GND
13	W	COMPOSITE IMAGE SIGNAL
19	R	COMPOSITE IMAGE GND
20	B	COMPOSITE IMAGE SYNC SIGNAL
22	SHIELD	SHIELD
23	V	ACC

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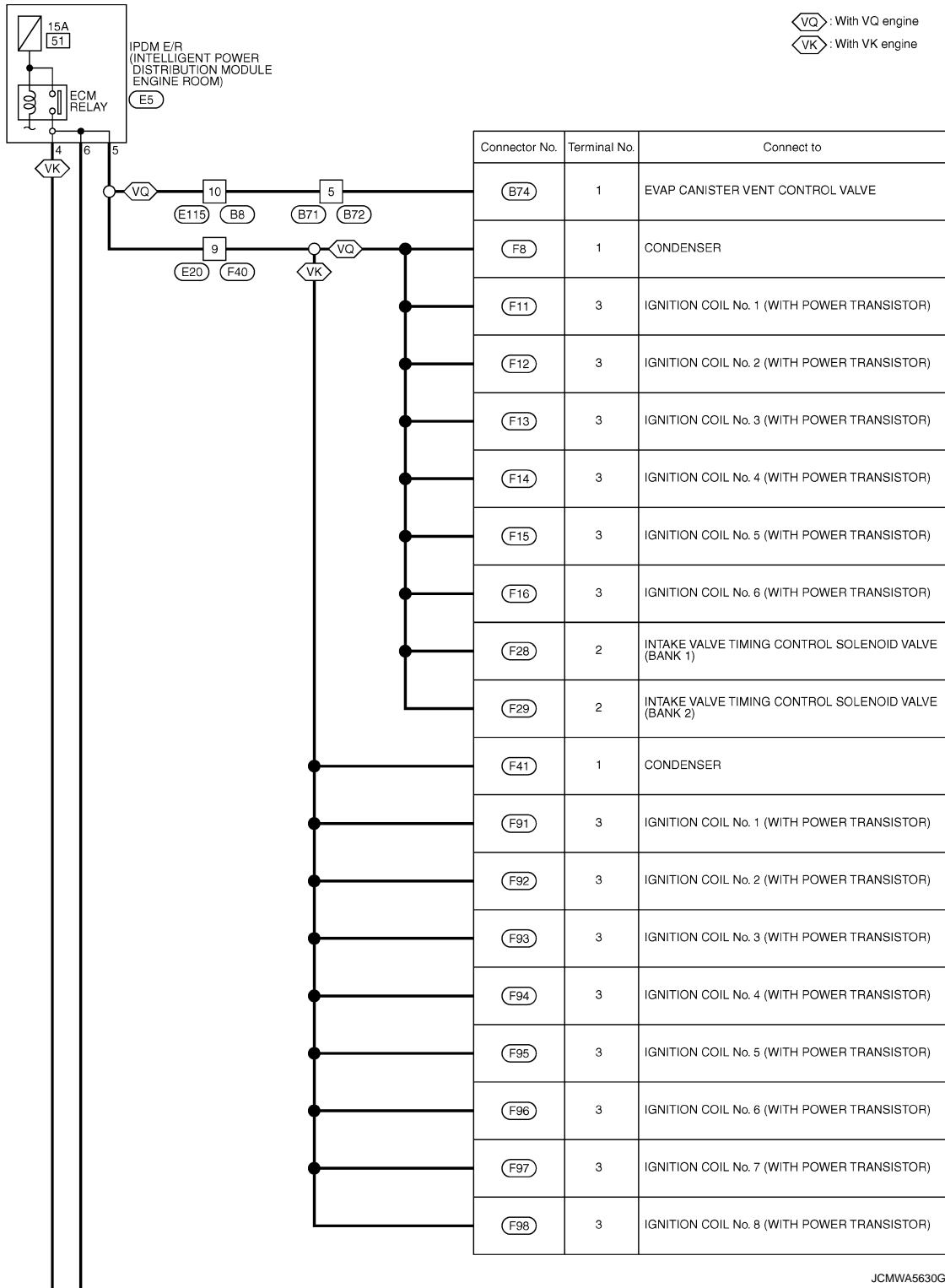
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 51 -

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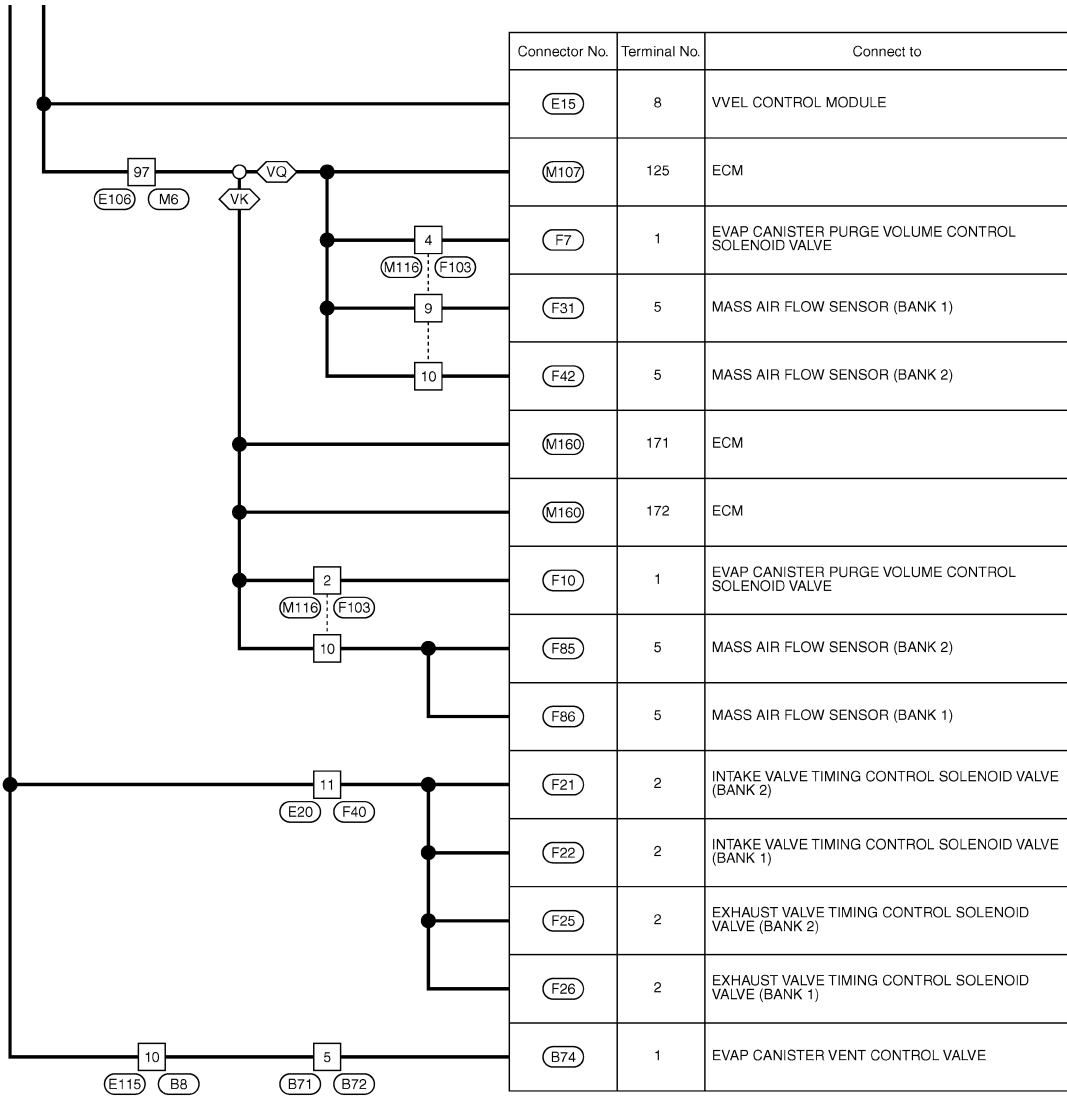
BATTERY POWER SUPPLY FUSE No. 51



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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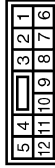
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

Connector No.	B8
Connector Name	WIRE TO WIRE
Connector Type	RS12PW-GS



Terminal No.	Color of Wire	Signal Name [Specification]
4	L	-
5	Y	-
10	W	-
11	G	-
12	SB	-

Connector No.	B71
Connector Name	WIRE TO WIRE
Connector Type	RS08FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	G	-
3	LG	-
5	W	-
6	V	-

Connector No.	B72
Connector Name	WIRE TO WIRE
Connector Type	RS08MB



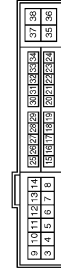
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	G	-
3	P	-
5	W	-
6	V	-

Connector No.	B74
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	ED02FB-RS



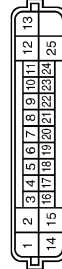
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	G	-

Connector No.	E5
Connector Name	POWER INTELLENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



Terminal No.	Color of Wire	Signal Name [Specification]
4	P	-
5	W	-
6	R	-
7	Y	-
8	L	-
10	V	-
11	B	-
12	G	-
13	GR	-
16	V	-
18	Y	-
22	BR	-
23	SB	-
24	O	-
25	LG	-
30	BR	-
31	W	-
32	L	-
34	P	-
36	GR	-

Connector No.	E15
Connector Name	VVEL CONTROL MODULE
Connector Type	RM18FB-AJ28-EH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VMOT-B2
2	L/B	MOTOR-B2
3	Y	VEL/S1-B1 [With VK engine]
3	B	VEL/S1-B1 [With VQ engine]
4	W	AGND1
5	L	VEL/S1-B2 [With VK engine]
5	W	VEL/S1-B2 [With VQ engine]
6	B	AGND3
7	W	AVCC3 [With VK engine]
7	Y	AVCC3 [With VQ engine]
8	R	VB
9	B	AVCC1 [With VK engine]
9	L	AVCC1 [With VQ engine]
11	GR	CAN H

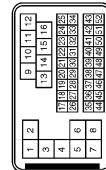
Terminal No.	Color of Wire	Signal Name [Specification]
12	L/B	MOTOR-B1
13	W	VMOT-B1
14	B/R	P-GND
15	L/W	MOTOR2-B2
16	G	VEL/S2-B1 [With VK engine]
16	R	VEL/S2-B1 [With VQ engine]
17	Y	AGND2 [With VK engine]
17	G	AGND2 [With VQ engine]
18	R	VEL/S2-B2 [With VK engine]
18	G	VEL/S2-B2 [With VQ engine]
19	L	AGND4 [With VK engine]
19	R	AGND4 [With VQ engine]
20	R	AVCC4 [With VK engine]
20	L	AVCC4 [With VQ engine]
21	V	ABORT
22	G	AVCC2 [With VK engine]
22	Y	AVCC2 [With VQ engine]
23	P	M-RLY
24	L	CAN L
25	L/W	MOTOR2-B1

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

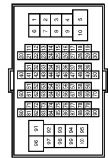
Connector No.	E20
Connector Name	WIRE TO WIRE
Connector Type	SA338MP-RSS-SH2Z



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	W	-
7	L/B	-
9	P	-
10	G	-
11	W	- [With VK engine]
11	Y	- [With YG engine]
12	V	-
13	L	-
14	LG	- [With VK engine]
14	V	- [With YG engine]
15	SB	-
16	GR	-
19	W	-
20	BR	-
21	G	-
22	O	-
23	L	-
24	GR	-
25	Y	-
28	V	-
29	Y	-
30	B	-
31	LG	-
32	W	-
33	BR	-
34	O	-
37	SHIELD	-
38	G	-
38	Y	-
40	R	-
41	W	-
42	L	-
43	B	-

46	SHIELD	-
47	R	-
48	L	-
48	G	-
50	B	-
51	Y	-
52	W	-

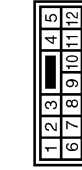
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	THE6DFV-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	V	-
40	BR	-

41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	G	-
49	O	-
50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	R	- [With VK engine]
67	SB	- [With VQ engine]
77	O	-
78	SB	-
80	G	-
81	R	-
82	SB	-
83	GR	-
84	Y	-
85	Y	-
86	L	-
87	V	-
88	BR	-
89	LG	-
90	W	-
91	W	-
92	P	-
93	LG	-
94	BR	-
95	W	-
96	R	-
97	R	-
98	Y	-
99	V	-
100	V	-

Connector No.	E115
Connector Name	WIRE TO WIRE
Connector Type	NS12MH-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	O	-
5	B	-
10	W	- [With VK engine]
10	P	- [With VQ engine]
11	V	-
12	SB	-

Connector No.	F7
Connector Name	EVAP GANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	EG2FL-RS-LGY



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

Connector No.	F8	W/B	-
Connector Name	CONDENSER		
Connector Type	MD2EW-LC		



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

Connector No.	F10
Connector Name	SWP DAMPER PULSE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS



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

Connector No.	F11
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Terminal No.	3	W/B	-
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Connector No.	F12
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F13
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F14
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F15
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



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

Connector No.	F16
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	E03FGY-RS



Terminal No.	Color of Wire	Signal Name [Specification]

Terminal No.	1	V	-
	2	B	-
	3	W	-

Connector No.	F21
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE BANK
Connector Type	E02FG-RS



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

Connector No.	F22
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE BANK
Connector Type	E02FG-RS



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

Connector No.	F25
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	E02FG-RS



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

Connector No.	F26
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	E02FG-RS



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

Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	E02FG-RS-LGY



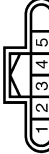
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	W	

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	E02FG-RS-LGY



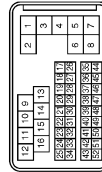
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	
2	W	

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	Y	
3	O	
4	V	
5	SB	

Connector No.	F40
Connector Name	WIRE TO WIRE
Connector Type	SAA36FB-FSS-SHZ8



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	
2	SHIELD	
3	L/B	
4	SHIELD	
5	L/W	
6	R	
7	W	
8	L/B	
9	W	
10	G	
11	G	
12	R	
13	P	
14	V	
15	R	
16	O	
17	Y	
18	W	
19	L	
20	W	
21	G	
22	W	
23	L	
24	Y	
25	L/G	
26	R	
27	W	
28	R	
29	B	
30	B	
31	W	
32	L/G	
33	GR	
34	Y	
35	P	
36	P	
37	O	
38	SHIELD	
39	L/G	
40	G	
41	L/Y	
42	P	
43	W/L	
44	R	
45	O/L	
46	W	
47	O	
48	L/G	
49	W	
50	B	
51	SHIELD	
52	L/G	

47	W		[With VQ engine]
48	L/Y		[With VK engine]
49	BR		[With VQ engine]
50	W/L		[With VK engine]
51	O/L		[With VQ engine]
52	W/L		[With VK engine]
53	O		[With VQ engine]
54	SB		[With VK engine]
55	W		[With VQ engine]
56	O		[With VK engine]

Connector No.	F41
Connector Name	CONDENSER
Connector Type	M02FW-GY-LC



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

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]
3	BR	
4	B	
5	V	

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

Connector No.	F85
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	O	-
5	BR	-

Connector No.	F86
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	R	-
3	GR	-
4	P	-
5	BR	-

Connector No.	F91
Connector Name	SIGNAL COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

Connector No.	F92
Connector Name	SIGNAL COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

Connector No.	F93
Connector Name	SIGNAL COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

Connector No.	F94
Connector Name	SIGNAL COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

Connector No.	F95
Connector Name	SIGNAL COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

Connector No.	F96
Connector Name	SIGNAL COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

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

Connector No.	F97
Connector Name	SIGNAL COIL No. 7 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

Connector No.	F98
Connector Name	SIGNAL COIL No. 8 (WITH POWER TRANSISTOR)
Connector Type	EO3FGY-RS



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

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POWER SUPPLY ROUTING CIRCUIT

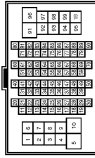
< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-AS10



Connector No.	MB
Connector Name	WIRE TO WIRE
Connector Type	TR08MW-CS1F-TM

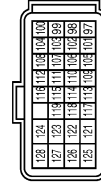


Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	G	-
4	B	- [With VK engine]
4	R	- [With VO engine]
5	GR	- [With VK engine]
5	B	- [With VO engine]
7	LG	-
8	Y	-
9	W	- [With VK engine]
9	SB	- [With VO engine]
10	BR	- [With VK engine]
10	Y	- [With VO engine]
11	L	-
12	P	-
13	V	-
14	SB	-
15	R	-
16	W	-
17	GR	-
18	LG	-
21	GR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	Y	-
48	G	-
49	BG	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	SB	-
4	LG	-
5	W	-
7	BG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	G	-
14	Y	-
15	W	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	Y	-
48	G	-
49	BG	-

50	W	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	L	-
65	R	-
66	P	-
67	L	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
85	Y	-
86	L	-
87	V	-
88	V	-
89	LG	-
90	BG	-
91	W	-
92	BG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

Connector No.	M107
Connector Name	ECM
Connector Type	RH24FOY-RZ&-R-RH-Z



Terminal No. of Wire	Color of Wire	Signal Name [Specification]
97	R	APSI
98	Y	APSZ
99	G	AVCCT-APSI
100	W	GND-APSI

101	SB	ASCD SW
102	P	FTPRES
103	L	AVCCT-APSZ
104	BR	GND-APSZ [With ECU]
104	B	GND-APSZ [Without ECU]
105	LG	PDFRES
106	P	IF
107	BG	AVCCT PDFRES/FTPRES
108	Y	GND ASCD SW
109	BR	NEUT-H
110	V	TACHO
112	V	GND PDFRES/FTPRES
113	P	VEHCAN-L1
114	L	VEHCAN-H1
117	V	K-LINE
121	G	CDCV
122	P	BRAKE
123	B	GND
124	B	GND
125	SB	VBR
126	BR	BNG SW
127	B	GND
128	B	GND

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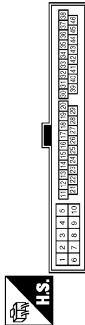
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 51

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



Terminal No.	Color of Wire	Signal Name [Specification]
2	SB	-
3	Y	-
4	B	- [With VK engine]
4	SB	- [With VG engine]
5	B	-
7	W	-
8	Y	-
9	W	- [With VK engine]
9	SB	- [With VG engine]
10	SB	-
11	L	-
12	P	-
13	V	-
14	R	-
15	Y	-
16	SB	-
17	BR	-
18	LG	-
21	LG	-
22	B	-
23	W	-
24	W	-
25	BG	-

Connector No.	M160
Connector Name	ECM
Connector Type	MAB55FE-MEB10-LH



Terminal No.	Color of Wire	Signal Name [Specification]
111	W	FUEL INJECTOR DRIVER POWER SUPPLY
112	W	VIN/ZA
114	B	ECM GROUND
115	B	ECM GROUND
120	G	EVAP CANISTER VENT CONTROL VALVE
122	V	VIN/UB (OPERATOR'S SEAT BELT ASSEMBLY CONTROL) (W/OCC)
123	BG	THROTTLE CONTROL MOTOR RELAY
125	P	FUEL PUMP CONTROL MODULE (FPCM)
126	Y	ACCELERATOR PEDAL POSITION SENSOR 2
128	SB	ASCD STEERING SWITCH
128	SB	ICC STEERING SWITCH
129	BR	SENSOR GROUND [WITH ICC]
129	B	SENSOR GROUND [WITHOUT ICC]
130	Y	SENSOR GROUND
131	L	SENSOR POWER SUPPLY
133	BG	SENSOR POWER SUPPLY
134	P	FUEL TEMPERATURE SENSOR
136	R	ACCELERATOR PEDAL POSITION SENSOR 1
137	G	SENSOR POWER SUPPLY
138	P	BATTERY CURRENT SENSOR
139	BG	BATTERY TEMPERATURE SENSOR
140	W	SENSOR GROUND
141	G	IGNITION SWITCH
142	GR	FUEL PUMP CONTROL MODULE (FPCM) CHECK
143	P	FUEL TANK PRESSURE SENSOR
144	LG	REFRIGERANT PRESSURE SENSOR
146	L	CAN COMMUNICATION LINE
147	BR	ASCD BRAKE SWITCH [WITHOUT ICC]
147	BR	ICC BRAKE SWITCH [WITH ICC]
150	V	SENSOR GROUND
151	P	CAN COMMUNICATION LINE
156	W	POWER SUPPLY FOR ECM (BACK-UP)
158	P	STOP LAMP SWITCH
161	Y	ECM COMMUNICATION LINE
163	W	ECM RELAY (SELF SHUT-OFF)
166	BG	ECM COMMUNICATION LINE
169	V	ENGINE SPEED SIGNAL OUTPUT
171	SB	POWER SUPPLY FOR ECM
172	SB	POWER SUPPLY FOR ECM
173	R	THROTTLE CONTROL MOTOR POWER SUPPLY
174	B	ECM GROUND
175	B	ECM GROUND

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POWER SUPPLY ROUTING CIRCUIT

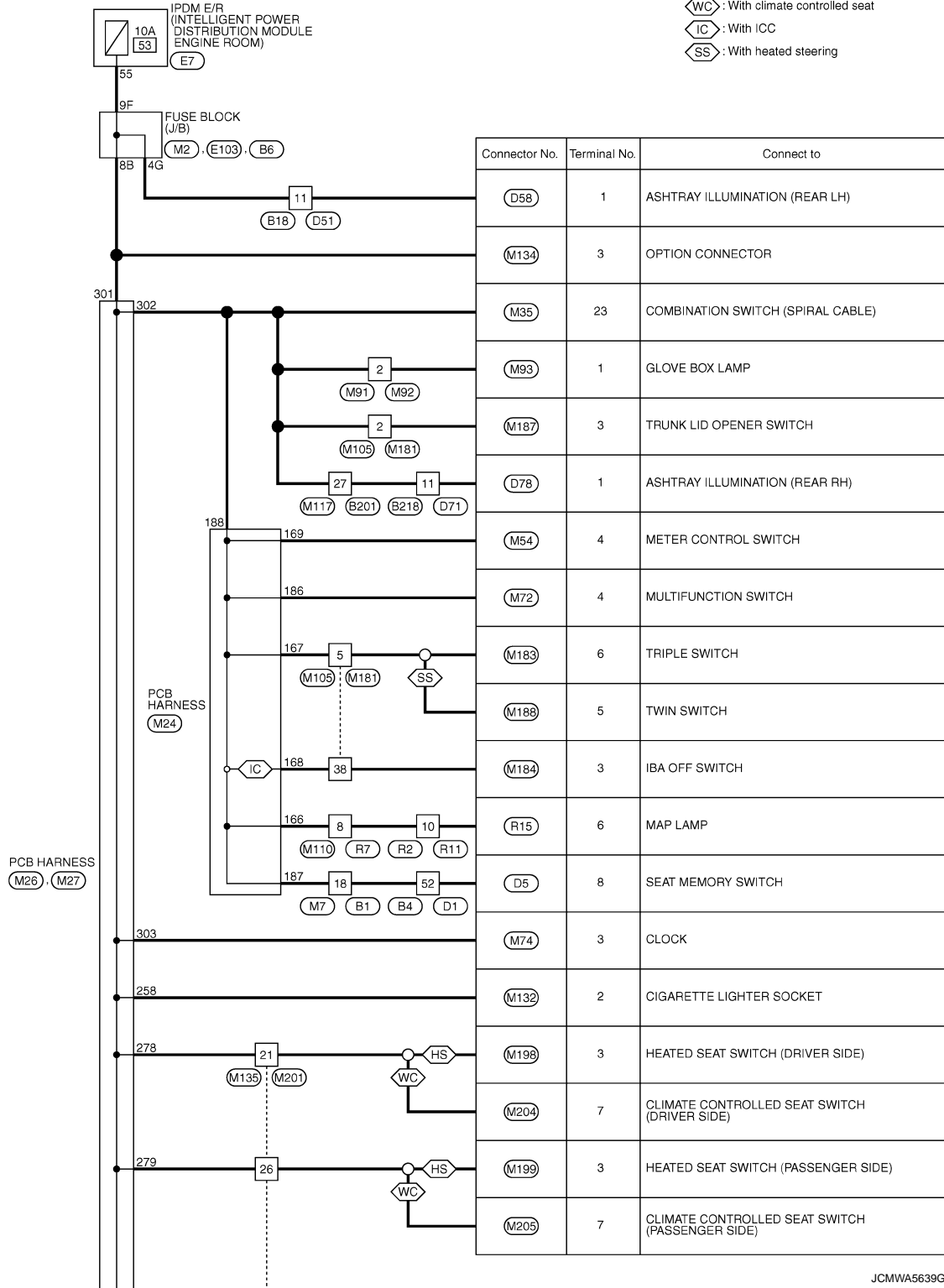
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000005987082

BATTERY POWER SUPPLY FUSE No. 53

- HS : With heated seat
- WC : With climate controlled seat
- IC : With ICC
- SS : With heated steering

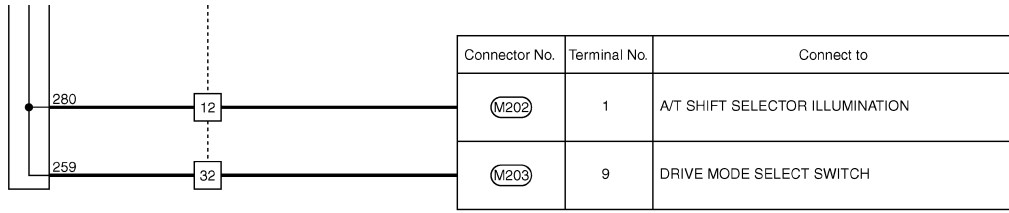


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

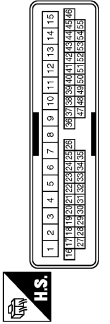
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH0DPW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat] - [With heated seat]
12	P	- [With Climate controlled seat] - [With heated seat]
13	GR	-
14	R	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
29	W/L	-
30	SHIELD	-
32	R	-
33	L	-
35	R	-
36	G	-

37	SB	SHIELD	-
40	SHIELD	GR/V	-
41	GR/V	W/L	-
42	W/L	W	-
45	W	O	-
47	O	Y	-
48	Y	BR	-
49	BR	SB	-
50	SB	V	-
51	V	LG	-
52	LG	G	-
53	G	P	-
56	P	BR	-
57	BR	LG	-
58	LG	Y	-
59	Y	W	-
60	W	B	-
61	B	BR	-
62	BR	LG	-
63	BR	V	- [With ICC and 4WAS system] - [Without ICC and 4WAS system]
63	V	O	-
65	O	BR	-
66	BR	V	-
67	V	SB	-
68	SB	LG	-
68	LG	GR	-
69	GR	R	-
70	R	L	-
72	L	P	-
73	P	L	-
74	L	O	-
75	O	P	-
76	P	Y	-
77	Y	R	-
78	R	W	-
79	W	G	-
81	G	LG	-
81	LG	W	-
82	W	BR	-
83	BR	SB	-
84	SB	Y	-
85	Y	W	-
86	W	R	-
87	R	G	-
88	G	GR	-
91	GR	SB	-
92	SB	G	-
96	G	Y	-
97	Y	O	-
98	O	SB	-
98	SB	LG	-
99	LG	-	-

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH40MM-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
5	B/W	-
6	L	-
7	R	-
8	B	-
9	W	-
10	LG	-
11	P	-
12	GR	-
13	B/W	-
14	SB	-
15	O	-
16	G	-
17	Y	-
18	BR	-
19	GR	-
20	O	-
21	LG	-
22	L	-
23	SB	-
24	V	-
27	V	-
28	W	-
29	SB	-
30	L	-
31	LG	-
32	O	-
33	V	-
34	BR	-
35	B/R	-
36	P	-
37	BR	-
38	W	-
39	O	-
40	L	-
41	SHIELD	-
42	L	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
42	W/L	-
43	P	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]

43	L/O	- [Without Pre-crash seat belt system]
44	R	-
45	Y	-
46	V	-
47	SB	-
48	GR	-
49	LG	-
50	B	-
51	G	-
52	R	-
53	B	-
54	V	-
55	W	-

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS1ZPER-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1G	GR	-
2G	P	-
4G	L	-
5G	P/L	- [With VK engine] - [With VQ engine]
6G	G	-
10G	W	-
11G	W	-
12G	V	-

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

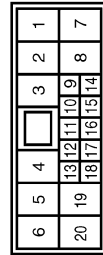
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	B18
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	P	-
3	R	-
4	G	-
7	B/W	-
8	W	-
9	V	-
10	Y	-
11	L	-
12	Y	-
13	B	-

Connector No.	E201
Connector Name	WIRE TO WIRE
Connector Type	TH60MW-CS16-TM4

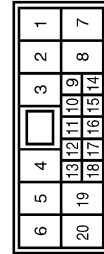


Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	GR	-
23	R	-
24	V	-
25	B	-
26	W	-

27	O	-
28	V	-
29	P	-
30	O	-
31	B/R	-
32	Y	-
40	SHIELD	-
41	W/R	-
42	V	-
44	P	-
45	SB	-
46	R	- [With Climate controlled seat]
47	Y	- [With heated seat]
48	G	- [With Climate controlled seat]
49	GR	- [With heated seat]
49	V	-
50	O	-
51	GR	-
52	LG	-
53	P	-
56	P	-
57	W	-
58	O	-
59	Y	-
61	SB	-
62	L	-
63	W	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	P	-
80	G	-
81	P	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	W	-
87	O	-
88	Y	-
89	BR	-
90	L	-
91	BR	-
93	Y	-
93	O	- [With Climate controlled seat]
94	GR	- [With heated seat]

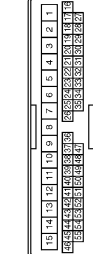
96	W	-
97	P	-
98	LG	-
99	LG	-
100	Y	-

Connector No.	E218
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	GR	-
3	O	-
4	P	-
7	B	-
8	P	-
9	O	-
10	W	-
11	O	-
12	Y	-
13	B	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	L	-
7	R	-
8	GR	-

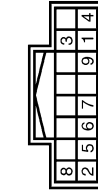
9	G	-
10	LG	-
11	P	-
12	LG	-
13	B/W	-
14	Y	-
15	O	-
16	R	-
17	Y	-
18	BR	-
19	W	-
20	O	-
21	GR	-
22	G	-
23	LG	-
24	B	-
27	V	-
28	W	-
29	GR	-
30	G	-
31	Y	-
32	O	-
33	BR	-
34	L	-
35	P	-
36	V	-
37	GR	-
38	O	-
39	W	-
40	R	-
41	SHIELD	-
42	L	-
43	P	-
44	V	-
45	LG	-
46	BR	-
47	L	-
48	Y	-
49	P	-
50	B/W	-
51	G	-
52	Y	-
53	B/W	-
54	W	-
55	W	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

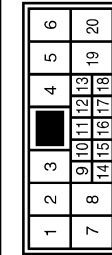
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	D55
Connector Name	SEAT MEMORY SWITCH
Connector Type	TH10FW-NH



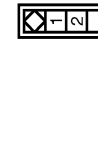
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	V	-
3	W	-
4	B	-
5	LG	-
6	GR	-
7	O	-
8	Y	-
9	B/W	-

Connector No.	D51
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10



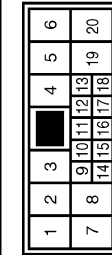
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	V	-
3	R	-
4	L	-
7	B	-
8	P	-
9	W	-
10	Y	-
11	I	-
12	LG	-
13	B	-

Connector No.	D58
Connector Name	ASHTRAY ILLUMINATION (REAR LH)
Connector Type	A03RW



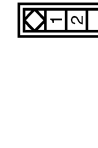
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	B	-

Connector No.	D71
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10



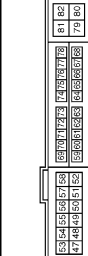
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	V	-
3	R	-
4	L	-
7	B	-
8	P	-
9	W	-
10	V	-
11	L	-
12	LG	-
13	B	-

Connector No.	D78
Connector Name	ASHTRAY ILLUMINATION (REAR RH)
Connector Type	A03RW



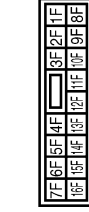
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	B	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
49	BR	-
51	O	-
52	G	-
53	L	-
54	P	-
55	R	-
56	GR	-
57	V	-
58	BR	-
70	LG	-
71	O	-
73	G	-
74	R	-
75	Y	-
77	B	-
80	W	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	O	-
8F	W	-
9F	R	-
12F	Y	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
3B	P	-
4B	G	-
5B	SB	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

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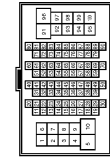
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

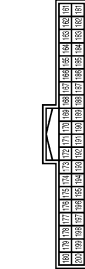
Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-
6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	L	- [With Climate controlled seat]
12	P	- [With heated seat]
13	GR	- [With Climate controlled seat]
14	BR	- [With heated seat]
15	GR	-
16	V	-
17	BG	- [With ICC]
18	L	- [With ICC]
19	W	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	L	-
33	P	-
34	L	-
35	P	-
36	BG	-
37	SB	-

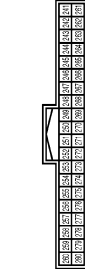
40	SHIELD	-
41	SR	-
42	V	-
45	W	-
47	L	-
48	LG	-
49	BR	-
50	V	-
51	V	-
52	P	-
53	BG	-
56	SB	-
57	P	-
58	LG	-
59	Y	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
72	L	-
73	P	-
74	L	-
75	L	-
76	P	-
77	Y	-
78	SB	-
79	W	-
81	LG	-
82	BR	-
83	BG	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
92	G	-
96	W	-
97	BG	-
98	Y	-
99	LG	-

Connector No.	M24
Connector Name	PCB HARNESS
Connector Type	TH40PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
161	BG	-
162	BG	-
163	G	-
164	V	-
165	V	-
166	R	-
167	LG	-
168	R	-
169	R	-
170	B	-
172	B	-
174	W	-
175	B	-
176	L	-
177	P	-
178	Y	-
179	L	-
180	LG	-
182	BR	-
183	G	-
184	V	-
185	P	- [With BOSE system]
185	V	- [Without BOSE system]
186	R	-
187	L	-
188	Y	-
189	B	-
190	V	-
191	G	-
192	B	-
193	SB	-
194	BR	-
198	R	-
199	B	-
200	SB	-

Connector No.	M26
Connector Name	PCB HARNESS
Connector Type	TH40PW-NH



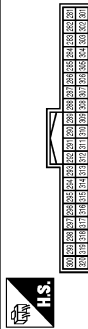
Terminal No.	Color of Wire	Signal Name [Specification]
241	L	-
243	R	-
244	L	-
245	B	-
246	B	-
247	LG	- [With Climate controlled seat]
247	B	- [With heated seat]
249	SHIELD	-
250	SHIELD	-
253	P	- [With Climate controlled seat]
253	B	- [With heated seat]
254	W	- [With Climate controlled seat]
254	B	- [With heated seat]
255	B	-
256	SHIELD	-
257	SHIELD	-
258	R	-
259	L	-
260	BG	-
261	P	-
269	GR	-
270	Y	-
271	BR	-
272	G	-
273	R	-
274	R	-
275	Y	-
276	B	-
277	G	-
278	R	-
279	SB	- [With Climate controlled seat]
279	R	- [With heated seat]
280	Y	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M27
Connector Name	POB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
282	BG	-
283	BG	-
284	LG	-
286	W	-
287	Y	-
288	W	-
290	B	-
292	B	-
293	B	-
294	B	-
295	B	-
299	V	-
301	R	-
302	R	-
303	R	-
319	V	-
320	W	-

Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-1V



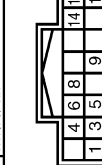
Terminal No.	Color of Wire	Signal Name [Specification]
23	R	-
28	Y	-
28	Y	-
30	Y	-

Connector No.	M54
Connector Name	METER CONTROL SWITCH
Connector Type	TH12MW-NH



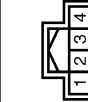
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	GR	-
4	R	-
5	W	-
6	G	-
9	BG	-
10	GR	-
11	LG	-
12	L	-

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	V	ACC
4	R	ILL
5	B	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)
9	BR	SW GND
14	SB	DISK EJECT SIGNAL
15	R	AIR BAG CUT OFF
16	G	HAZARD ON

Connector No.	M74
Connector Name	CLOCK
Connector Type	TK04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATTERY POWER SUPPLY
2	B	GROUND
3	R	ILLUMINATION (+)
4	B	ILLUMINATION (-)

Connector No.	M81
Connector Name	WIRE TO WIRE
Connector Type	TK02FBR



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

Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TK02MBR-P



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

1	B
2	R

Connector No.	M83
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW



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

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M105
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-1H1



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	LG	-
6	P	-
7	L	-
8	P	-
9	B	-
10	W	-
11	W	-
12	SB	-
14	SB	-
15	BR	-
16	V	-
18	G	-
19	B	-
20	V	-
22	BG	-
23	B	-
25	W	-
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	BR	-
8	R	-
9	B	-
13	L	-
14	B	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	R	-
20	V	-
21	R	-
22	G	-
23	L	-
24	LG	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-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	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-

Terminal No.	Color of Wire	Signal Name [Specification]
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	-
48	BG	-
47	G	-
48	V	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-
63	R	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-

87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
92	W	-
93	G	-
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03RW-CS



3	2	1
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Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	R	-
3	P	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

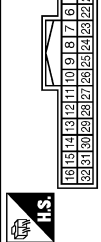
BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M134
Connector Name	OPTION CONNECTOR
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	W	-
3	L	-
5	P	-
6	B	-
7	LG	-
8	GR	-

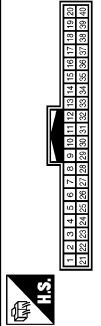
Connector No.	M135
Connector Name	WIRE TO WIRE
Connector Type	TH22FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	BG	-
5	V	- [With Climate controlled seat]
6	L	- [With heated seat]
8	GR	- [With heated seat]
7	SB	-
10	G	- [With Climate controlled seat]
10	GR	- [With heated seat]
11	BG	- [With Climate controlled seat]
12	V	- [With heated seat]
13	W	-
14	L	-
15	G	-

Terminal No.	Color of Wire	Signal Name [Specification]
16	Y	-
17	W	- [With Climate controlled seat]
17	P	- [With heated seat]
18	BR	-
18	GR	-
20	B	-
21	R	-
22	W	- [With Climate controlled seat]
22	B	- [With heated seat]
23	BG	-
24	V	-
25	LG	- [With Climate controlled seat]
25	B	- [With heated seat]
26	SB	- [With Climate controlled seat]
26	R	- [With heated seat]
27	P	- [With Climate controlled seat]
27	B	- [With heated seat]
28	B	-
29	B	-
30	Y	-
32	L	-

Connector No.	M181
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	R	-
6	BR	-
7	L	-
8	P	-
9	B	-
10	W	-
11	LG	-
12	SR	-
14	SR	-
15	BR	-
16	V	-
18	G	-
19	B	-

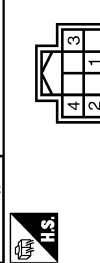
Terminal No.	Color of Wire	Signal Name [Specification]
20	V	-
22	BG	-
23	B	-
23	W	-
25	W	-
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

Connector No.	M183
Connector Name	TRIPLE SWITCH
Connector Type	TH12FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
3	BR	-
5	B	-
6	R	-
7	B	-
9	W	-
12	L	-

Connector No.	M184
Connector Name	1BA OFF SWITCH
Connector Type	TH08FGY-NH



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

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

Connector No.	M187
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TH08FB-NH



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

Connector No.	M188
Connector Name	TWIN SWITCH
Connector Type	TH12FGY-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	SB	-
3	B	-
5	BG	-
6	B	-
8	W	-
10	B	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	M188
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



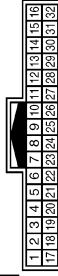
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	R	-
4	B	-
5	W	-
6	B	-

Connector No.	M189
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	R	-
4	R	-
5	Y	-
6	B	-

Connector No.	M201
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



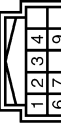
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BG	-
5	V	-
6	P	-
7	SB	-
10	G	-
11	L	-
12	R	-
13	W	-
14	L	-
15	G	-
16	Y	-
17	W	-
18	BR	-
19	GR	-
20	B	-
21	R	-
22	B	-
23	BG	-
24	V	-
25	B	-
26	R	-
27	B	-
27	R	- [With Climate controlled seat]
28	B	- [With heated seat]
29	B	-
30	B	-
32	R	-

Connector No.	M202
Connector Name	A/T SHIFT SELECTOR ILLUMINATION
Connector Type	TK02FBR-B



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

Connector No.	M203
Connector Name	DRIVE MODE SELECT SWITCH
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-
3	G	-
4	Y	-
6	B	-
7	B	-
9	R	-

Connector No.	M204
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	V	-
3	P	-
4	BR	-
5	GR	-
6	B	-
7	R	-
8	B	-

Connector No.	M205
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-
4	BG	-
5	V	-
6	B	-
7	R	-
8	B	-

JCMWA5648GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY FUSE No. 53

Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
5	SHIELD	-
6	R	-
7	G	-
8	B	-
9	B	-
10	P	-
11	BR	-
12	R	-
17	LG	-
18	L	-
19	G	-
20	R	-
21	R	-
22	B	-
23	GR	-
24	P	-

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	R	-
8	P	-

9	B	-
13	L	-
14	L	-
15	LG	-
16	V	-
17	W	-
18	R	-
19	B	-
20	R	-
21	R	-
22	G	-
23	L	-
24	LG	-

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
5	SHIELD	-
6	L	-
7	R	-
8	B	-
9	B/Y	-
10	G	-
11	SB	-
12	V	-
17	GR	-
18	BR	-
19	W	-
20	LG	-
21	P	-
22	O	-
23	W/R	-
24	L/B	-

Connector No.	R15
Connector Name	MAP LAMP
Connector Type	TK08FGY



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	SB	-
3	B	-
4	Y	-
5	B/Y	-
6	G	-

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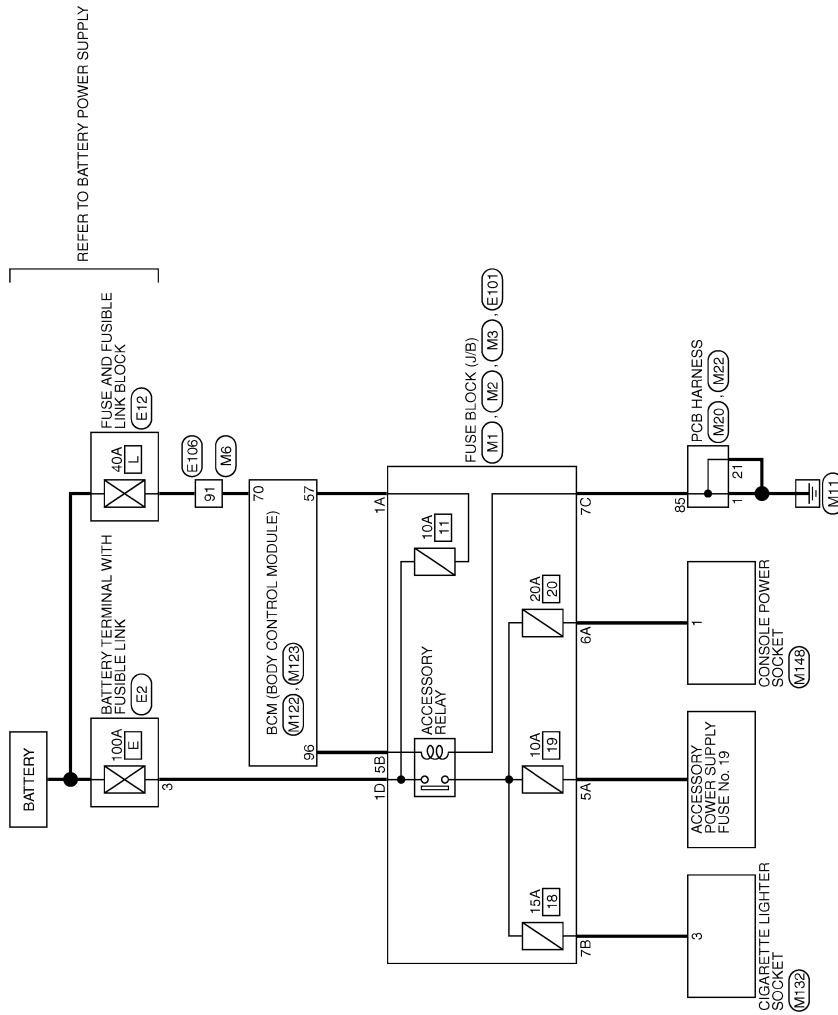
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

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ACCESSORY POWER SUPPLY



2010/02/03

JCMWA5650GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L02FGY-MC



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

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



4	3
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Terminal No.	Color of Wire	Signal Name [Specification]
1D	R	-

Connector No.	E105
Connector Name	WIPE TO WIPE
Connector Type	TH80FW-CS16-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	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-

4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	G	-
49	O	-
50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	R	-
67	SB	-
77	O	-
78	SR	-
80	G	-
81	P	-
82	SB	-
83	GR	-
84	Y	-
85	Y	-

86	L	-
87	V	-
88	BR	-
89	L/O	-
90	W	-
91	W	-
92	P	-
93	LG	-
94	BR	-
95	W	-
96	R	-
97	R	-
98	Y	-
99	V	-
100	V	-



Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-M2



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

Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

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



4B	3B	2B	1B
10B	9B	8B	7B
6B	5B	4B	3B

Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
2B	P	-
3B	C	-
4B	SB	-
5B	SB	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

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



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

Terminal No.	Color of Wire	Signal Name [Specification]
8C	R	-
9C	B	-
10C	LG	-
11C	LG	-
12C	BG	-

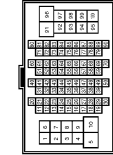
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	M16
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	SB	-
4	LG	-
5	W	-
7	BG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	L	-
15	V	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	V	-
48	G	-
49	BG	-

50	W	-
60	GR	-
61	B	-
62	LG	-
62	BR	-
64	L	-
66	R	-
67	P	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
85	Y	-
86	L	-
87	V	-
88	V	-
89	LG	-
90	BG	-
91	W	-
92	BG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

Connector No.	M20
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
11	BR	-
12	R	-
14	L	-

15	B	-
17	R	-
19	W	-
20	LG	-
21	B	-
22	R	-
23	L	-
24	L	-
27	P	-
30	SHIELD	-
31	V	-
33	V	-
35	L	-
36	P	-
38	L	-
40	Y	-

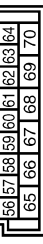
Connector No.	M22
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
81	L	-
82	P	-
83	B	-
84	B	-
85	B	-
86	B	-
87	B	-
88	B	-
89	Y	-
91	V	-
92	V	-
93	B	-
94	B	-
95	LG	-
96	BR	-
97	G	-
98	G	-
99	G	-
100	G	-
101	L	-

102	P	-
103	B	-
104	BR	-
105	R	-
107	Y	-
108	Y	-
109	BR	-
110	Y	-
112	B	-
113	P	-
114	L	-
116	B	-
117	B	-
117	BG	-
118	B	-
119	G	-
120	V	-

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA



Terminal No.	Color of Wire	Signal Name [Specification]
56	R	INT ROOM LAMP PWR SPLY
57	R	BAT (FUSE)
58	L	AIR BAG
59	G	PASS DOOR UNLK OUTPUT
60	G	TURN SIG LH OUTPUT
61	V	TURN SIG RH OUTPUT
62	V	STEP LAMP CONT
63	L	ROOM LAMP TIMER CONT
65	V	ALL DOOR FL LID LOCK OUTPUT
66	LG	DR DOOR FL LID UNLK OUTPUT
67	B	GND
68	BG	PW PWR SPLY (IGN)
69	Y	PW PWR SPLY (BAT)
70	W	BAT (F/L)

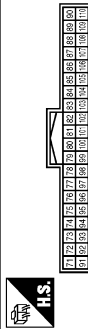
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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ACCESSORY POWER SUPPLY

Connector No.	M123
Connector Name	BCM BODY CONTROL MODULE
Connector Type	TH40FW-1H



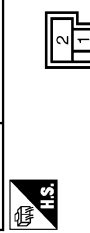
Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
72	B	OUTS HD LAMP OUTPUT
73	V	ON IND
75	G	DR DOOR REQ SW
76	SB	PASS DOOR REQ SW
78	BR	DRIVER DOOR ANT+
79	SB	DRIVER DOOR ANT-
80	LG	PASSENGER DOOR ANT+
81	V	PASSENGER DOOR ANT-
82	V	REAR BMR ANT+
83	SB	REAR BMR ANT-
84	BR	ROOM ANT1+
85	Y	ROOM ANT1-
86	R	ROOM ANT2+
87	G	ROOM ANT2-
88	V	TRUNK ROOM ANT+
89	SB	TRUNK ROOM ANT-
90	R	PUSH-BTN IGN SW ILL PWR
91	GR	LOCK IND
92	B	PUSH-BTN IGN SW ILL GND
93	V	I-KEY WARN BUZZER
94	Y	S/L UNIT COMM
95	W	S/L UNIT PWR SPLY
96	SB	ACC RELAY CONT
97	SB	STARTER RELAY CONT
98	B	IGN RELAY (PDM E/R) CONT
99	R	IGN RELAY (F/B) CONT
100	BR	PUSH SW
102	BR	P/N POSITION
104	GR	A/T SHIFT SELECT PWR SPLY
105	R	STOP LAMP SW 2
106	B	BLWR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	Y	ACC IND

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

Connector No.	M148
Connector Name	CONSOLE POWER SOCKET
Connector Type	PD2FB-Z



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

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

POWER SUPPLY ROUTING CIRCUIT

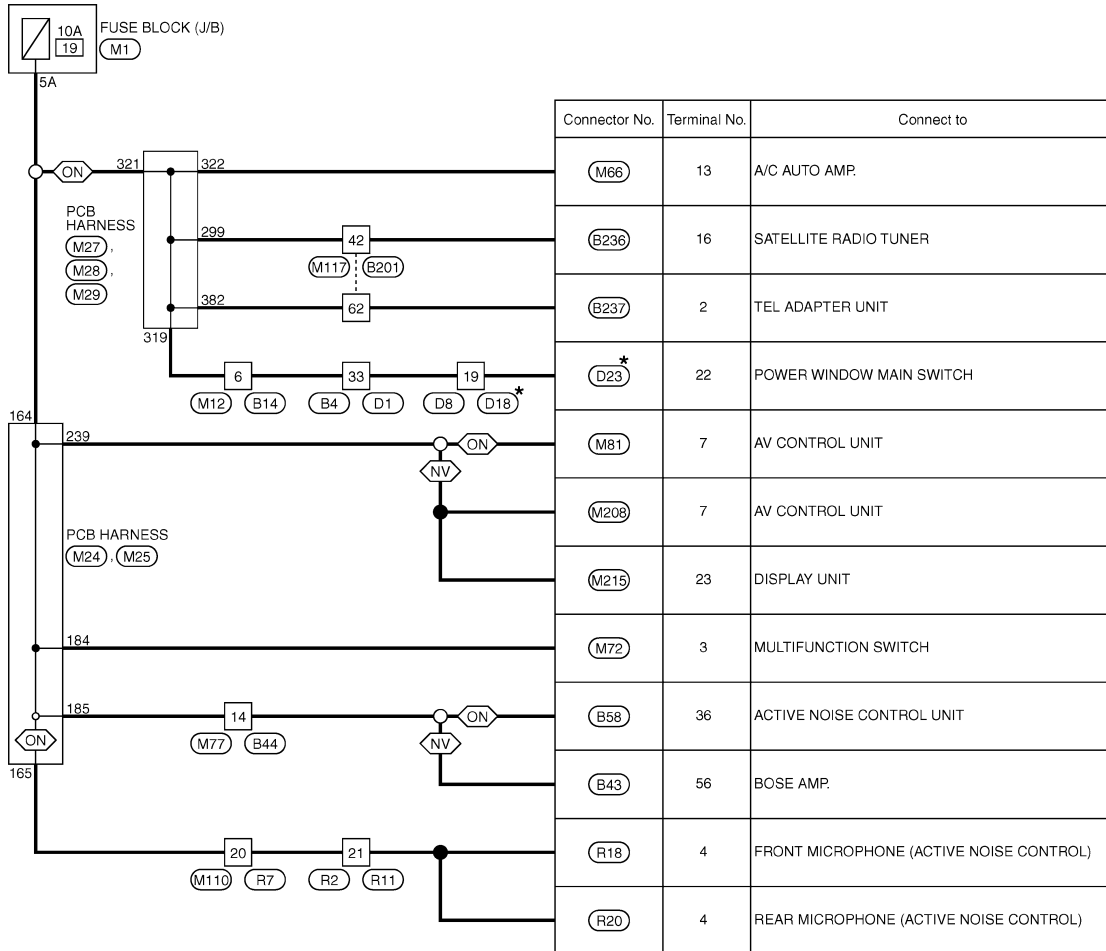
< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:000000005987084

ACCESSORY POWER SUPPLY FUSE No. 19

 : With NAVI
 : Without NAVI



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

2010/02/03

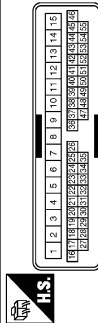
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

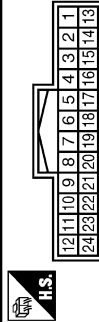
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CST3



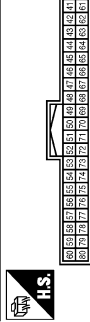
43	L/O	- [Without Pre-crash seat belt system]
44	R	-
45	Y	-
46	V	-
47	SB	-
48	GR	-
49	LG	-
50	B	-
51	G	-
52	R	-
53	B	-
54	V	-
55	W	-

Connector No.	B14
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



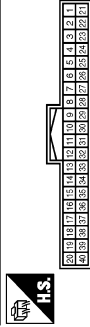
Terminal No.	Color of Wire	Signal Name [Specification]
2	GR/V	-
3	W/L	-
4	R	-
5	SB	-
6	V	-
7	O	-
8	LG	-
9	L	-
10	SB	-
11	W	-
12	V	-
18	G	-
19	Y	-
20	BR	-
21	GR	-
22	O	-
23	LG	-
24	L	-

Connector No.	B43
Connector Name	BOSE AMP.
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
41	B/R	SOUND SIGNAL SATELLITE SPEAKER RH (-)
43	LG	REAR MICROPHONE SIGNAL (-)
44	R	VOICE GUIDANCE SIGNAL (-)
45	B	SOUND SIGNAL FRONT LH (-)
46	L	SOUND SIGNAL FRONT RH (-)
47	Y	SOUND SIGNAL REAR LH (-)
48	P	SOUND SIGNAL REAR RH (-)
49	W/R	SOUND SIGNAL CENTER (-)
50	V	SOUND SIGNAL REAR WOODFER (-)
52	BR	FRONT MICROPHONE SIGNAL (-)
54	R	AV COMM (L)
55	R	AV COMM (L)
56	V	ACC
58	O	ENGINE TYPE
61	BR	SOUND SIGNAL SATELLITE SPEAKER RH (+)
63	L	REAR MICROPHONE SIGNAL (+)
64	G	VOICE GUIDANCE SIGNAL (+)
65	W	SOUND SIGNAL FRONT LH (+)
66	R	SOUND SIGNAL FRONT RH (+)
67	BR	SOUND SIGNAL REAR LH (+)
68	L	SOUND SIGNAL REAR RH (+)
69	W/L	SOUND SIGNAL CENTER (+)
70	LG	SOUND SIGNAL REAR WOODFER (+)
72	Y	FRONT MICROPHONE SIGNAL (+)
74	G	AV COMM (H)
75	G	AV COMM (H)
76	P	STEP LAMP CNT
78	SB	TACHO
79	SHIELD	SHIELD

Connector No.	B44
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
9	R	-
10	G	-
11	R	-
12	G	-
13	O	-
14	V	-
15	LG	-
16	L	-
17	BR	-
18	Y	-
19	SB	-
20	P	-
21	B	-
22	B	-
23	SHIELD	-
29	P	- [With BOSE system]
30	SB	- [Without BOSE system]
31	L	- [With BOSE system]
32	SHIELD	- [Without BOSE system]
33	Y	- [With BOSE system]
33	W	- [Without BOSE system]
34	BR	- [With BOSE system]
34	LG	- [Without BOSE system]
35	SHIELD	- [With BOSE system]
35	L	- [Without BOSE system]
36	GR	- [With BOSE system]
36	R	- [Without BOSE system]
37	R	- [With BOSE system]
37	V	- [Without BOSE system]
38	SHIELD	-
39	B	- [With BOSE system]
39	L	- [Without BOSE system]
40	W	- [With BOSE system]
40	Y	- [Without BOSE system]

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	B58
Connector Name	ACTIVE NOISE CONTROL UNIT
Connector Type	TH16FW-NH



27	25	24	23
36	33	32	31

Terminal No.	Color of Wire	Signal Name [Specification]
23	Y	FRONT MICROPHONE (FOR ACTIVE NOISE CONTROL SYSTEM)
24	L	REAR MICROPHONE (FOR ACTIVE NOISE CONTROL SYSTEM)
25	P	STEP LAMP CONT
31	BR	FRONT MICROPHONE (FOR ACTIVE NOISE CONTROL SYSTEM)
32	LG	REAR MICROPHONE (FOR ACTIVE NOISE CONTROL SYSTEM)
33	SB	TACHO
36	V	ACC

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-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	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
3	R	
17	GR	
18	P	
19	BR	
20	GR	
21	Y	
22	GR	
23	R	
24	V	
25	B	
26	W	
27	O	
28	V	
29	P	
30	O	

Terminal No.	Color of Wire	Signal Name [Specification]
31	B/R	
32	Y	
40	SHIELD	
41	W/R	
42	V	
44	P	
45	SB	
46	R	- [With Climate controlled seat]
46	Y	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	
49	O	
50	R	
51	GR	
52	LG	
53	P	
56	P	
57	W	
58	O	
59	Y	
61	SB	
62	L	
63	W	
66	L	
67	Y	
68	SB	
68	P	
70	R	
76	SHIELD	
77	G	
78	R	
79	P	
80	G	
81	P	
82	BR	
83	GR	
84	V	
85	LG	
86	W	
87	O	
88	Y	
89	BR	
90	L	
91	BR	
93	Y	
93	O	- [With Climate controlled seat]
94	GR	- [With heated seat]
96	W	
97	P	
98	LG	
98	LG	

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



2	4	6	10	12	16
1	3	5	8	9	11

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	SATELLITE RADIO SOUND SIGNAL LH (-)
2	R	SATELLITE RADIO SOUND SIGNAL LH (+)
3	W	SATELLITE RADIO SOUND SIGNAL RH (-)
4	B	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
8	R	REQUEST (SAT->CONT)
9	B	COMM (SAT->CONT)
10	W	COMM (CONT->SAT)
12	Y	BATTERY
16	V	ACC

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH62FW-NH



2	4	6	10	12	16
1	3	5	8	9	11

Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	BATTERY
2	L	ACC
3	P	IGNITION
4	B/R	GND
7	W/R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
8	W/L	TEL VOICE SIGNAL (+)
10	GR/V	TEL VOICE SIGNAL (-)

14	B/R	GND
19	B/R	GND
21	B/R	CONTROL SIGNAL
23	B/R	CONTROL SIGNAL
24	B/R	CONTROL SIGNAL
26	W	VEHICLE SPEED (8-PULSE)
29	B/R	MICROPHONE VCC

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	TH4DFW-CS15



45	LG	-
46	BR	-
47	L	-
48	Y	-
49	P	-
50	B/W	-
51	G	-
52	Y	-
53	B/W	-
54	W	-
55	W	-

Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	L	-
7	R	-
8	GR	-
9	G	-
10	LG	-
11	P	-
12	LG	-
13	B/W	-
14	Y	-
15	O	-
16	R	-
17	Y	-
18	BR	-
19	W	-
20	O	-
21	GR	-
22	G	-
23	LG	-
24	B	-
27	V	-
28	W	-
29	GR	-
30	G	-
31	Y	-
32	O	-
33	BR	-
34	L	-
35	P	-
36	V	-
37	GR	-
38	O	-
39	W	-
40	R	-
41	SHIELD	-
42	L	-
43	P	-
44	V	-

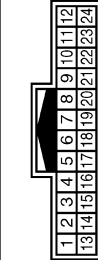
Connector No.	D8
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
4	P	-
7	R/V	-
8	V	-
9	V/B	-
10	L/Y	-
11	V/W	-
12	O	-
13	LG	-
14	V	-
15	BR	-
16	GR	-
19	V	-
20	SB	-
21	R	-
23	LG	-
24	SB	-

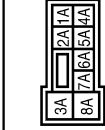
Terminal No.	Color of Wire	Signal Name [Specification]
4	P	-
7	Y	-
8	V	-
9	GR	-
10	G	-
11	W	-
12	O	-
13	O	-
14	W	-
15	R	-
16	G	-
19	BR	-
20	LG	-
21	R	-
23	B	-
24	V	-

Connector No.	D18
Connector Name	WIRE TO WIRE
Connector Type	TH24MM-NH



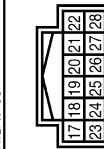
24	V/W	+MIRROR SW L
25	L/Y	+MIRROR SW DOWN
26	Y/B	+MIRROR SW UP
27	V	+MIRROR SW R
28	R/V	+SELECT R

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS00FW-M2



Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

Connector No.	D23
Connector Name	POWER WINDOW MAIN SWITCH
Connector Type	TH12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
17	SR	L OPEN
18	LG	R OPEN
20	R	L CLOSE
21	SR	R CLOSE
22	V	ACC
23	O	+SELECT L

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

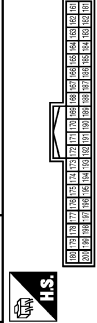
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M12
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	L	-
4	G	-
5	LG	-
6	V	-
7	BG	-
8	V	-
9	L	-
10	Y	-
11	V	-
12	V	-
13	G	-
14	Y	-
15	BR	-
16	GR	-
17	BG	-
18	GR	-
19	B	-
20	BR	-
21	GR	-
22	BG	-
23	GR	-
24	G	-

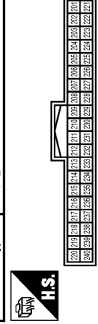
Connector No.	M24
Connector Name	PCB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
181	BG	-
182	BG	-
183	G	-
184	V	-

165	V	-
166	R	-
167	LG	-
168	R	-
169	R	-
170	B	-
171	B	-
172	W	-
173	W	-
174	B	-
175	B	-
176	L	-
177	P	-
178	Y	-
179	L	-
180	LG	-
181	GR	-
182	BR	-
183	G	-
184	V	-
185	P	-
186	V	-
187	R	-
188	L	-
189	Y	-
190	B	-
191	V	-
192	G	-
193	B	-
194	BR	-
195	SR	-
196	R	-
197	B	-
198	B	-
199	B	-
200	SB	-

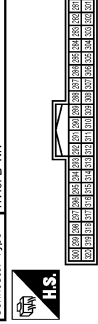
Connector No.	M25
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
201	L	-
208	G	-
209	L	-
209	G	-
210	P	-

210	L	-
211	SHIELD	-
212	G	-
213	BR	-
214	R	-
215	SHIELD	-
216	V	-
217	GR	-
218	LG	-
219	G	-
220	SHIELD	-
221	P	-
222	LG	-
223	SB	-
224	SB	-
225	LG	-
226	R	-
227	R	-
228	Y	-
229	SB	-
230	V	-
231	SB	-
232	V	-
233	L	-
234	P	-
235	B	-
236	V	-
237	W	-
240	W	-

Connector No.	M27
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
242	BG	-
243	BG	-
244	LG	-
246	W	-
247	Y	-
248	W	-

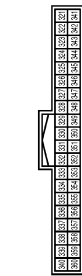
280	B	-
282	B	-
283	B	-
284	B	-
285	B	-
289	V	-
301	R	-
302	R	-
303	R	-
319	V	-
320	W	-

POWER SUPPLY ROUTING CIRCUIT

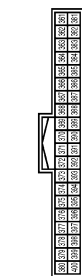
< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M28
Connector Name	POB HARNESS
Connector Type	TH40FW-NH

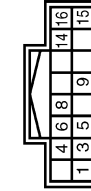


Connector No.	M29
Connector Name	POB HARNESS
Connector Type	TH40FB-NH



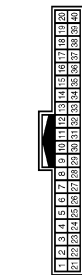
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BATTERY POWER SUPPLY
2	W	IGNITION POWER SUPPLY
6	R	BLOWER MOTOR F B SIGNAL
7	L	POWER TRANSMITTER CONTROL SIGNAL
10	B	GROUND
11	P	CAN-L
12	L	CAN-H
13	V	ACC POWER SUPPLY
17	BG	ECV CONTROL SIGNAL
20	R	HUMIDITY SENSOR (SCK) SIGNAL
21	Y	HUMIDITY SENSOR (DATA) SIGNAL
22	B	HUMIDITY SENSOR GROUND
23	W	DRIVE MODE SELECT SW (SNOW)
24	L	DRIVE MODE SELECT SW (ECON)
25	G	DRIVE MODE SELECT SW (STANDARD)
26	Y	DRIVE MODE SELECT SW (SPORT)

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	V	ACC
4	R	ILL
5	B	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)
9	BR	SW GND
14	SB	DISK EJECT SIGNAL
15	R	AIR BAG CUT OFF
16	G	HAZARD ON

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
321	V	-
322	V	-
324	B	-
325	L	-
326	L	-
327	P	-
328	P	-
330	B	-
331	V	-
332	V	-
335	B	-
337	W	-
338	W	-
343	L	-
344	B	-
345	Y	-
346	L	-
347	P	-
348	GR	-
349	V	-
350	LG	-
351	P	-
352	R	-
353	P	-
358	W	-
359	W	-
360	G	-

Terminal No.	Color of Wire	Signal Name [Specification]
361	W	-
362	W	-
363	Y	-
366	B	-
367	B	-
368	G	-
373	BR	-
374	BG	-
375	BG	-
376	V	-
377	V	-
378	B	-
379	R	-
380	R	-
381	G	-
382	V	-
383	GR	-
384	GR	-
395	P	-
396	L	-
397	R	-
398	L	-
400	V	-

Connector No.	M86
Connector Name	A/C AUTO AMP.
Connector Type	TH20FW-TB6



Terminal No.	Color of Wire	Signal Name [Specification]
9	LG	-
10	SB	-
11	LG	-
12	SB	-
13	B	-
14	P	- [With BOSE system]
14	V	- [Without BOSE system]
15	LG	-
16	L	-
17	G	-
18	R	-
19	V	-
20	V	-
21	B	-
22	B	-
23	B	-
29	SHIELD	-
30	Y	- [With BOSE system]
30	V	- [Without BOSE system]
31	BR	- [With BOSE system]
31	P	- [Without BOSE system]
32	SHIELD	-
33	SB	- [With BOSE system]
33	G	- [Without BOSE system]
34	V	- [With BOSE system]
34	GR	- [Without BOSE system]
35	SHIELD	-
36	R	-
37	G	- [With BOSE system]
37	BR	- [Without BOSE system]
38	SHIELD	-
39	P	- [With BOSE system]
39	L	- [Without BOSE system]
40	L	- [With BOSE system]
40	L	- [Without BOSE system]
40	G	- [With BOSE system]
40	G	- [Without BOSE system]

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

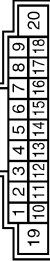
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

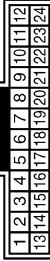
ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M81
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	SOUND SIGNAL FRONT LH (+)
3	L	SOUND SIGNAL FRONT LH (-)
4	GR	SOUND SIGNAL REAR LH (+)
5	G	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
9	SB	ILLUMINATION
11	BR	SOUND SIGNAL FRONT RH (+)
12	R	SOUND SIGNAL FRONT RH (-)
13	P	SOUND SIGNAL REAR RH (+)
14	V	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
18	Y	BATTERY
20	B	GND

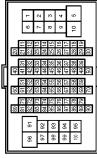
Connector No.	M10
Connector Name	WIRE TO WIRE
Connector Type	TH4MW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	BR	-
8	R	-
9	B	-

13	L	-
14	B	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	B	-
20	V	-
21	R	-
22	G	-
23	L	-
24	LG	-

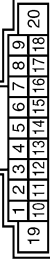
Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	Y	- [With Climate controlled seat]
46	BG	- [With heated seat]

47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-
63	R	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
93	W	- [With Climate controlled seat]
93	G	- [With heated seat]
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CSZ



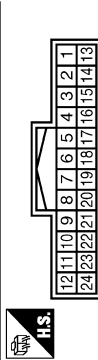
Terminal No.	Color of Wire	Signal Name [Specification]
2	L	SOUND SIGNAL FRONT LH (+)
3	P	SOUND SIGNAL FRONT LH (-)
4	V	SOUND SIGNAL REAR LH (+)
5	LG	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	V	ACC
10	SHIELD	SHIELD
11	G	SOUND SIGNAL FRONT RH (+)
12	R	SOUND SIGNAL FRONT RH (-)
13	BR	SOUND SIGNAL REAR RH (+)
14	GR	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
18	Y	BATTERY
20	B	GND

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY FUSE No. 19

Connector No.	M215
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	R	CAMERA IMAGE SIGNAL
9	Y	COMM.(DISP->CONT)
10	BR	COMM.(CONT->DISP)
11	Y	BATTERY
12	B	GND
18	W	COMPOSITE IMAGE SIGNAL
19	R	COMPOSITE IMAGE GND
20	B	COMPOSITE IMAGE SYNC SIGNAL
22	SHIELD	SHIELD
23	V	ACC

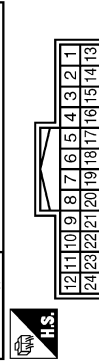
Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
5	SHIELD	-
6	R	-
7	G	-
8	B	-
9	B	-
10	P	-
11	BR	-
12	R	-
17	LG	-
18	L	-

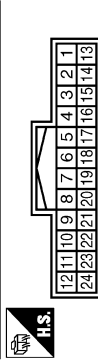
19	G	-
20	R	-
21	P	-
22	B	-
23	GR	-
24	P	-

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



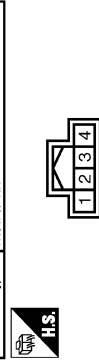
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	P	-
8	P	-
9	B	-
13	L	-
14	L	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	B	-
20	R	-
21	R	-
22	G	-
23	L	-
24	LG	-

Connector No.	RT11
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



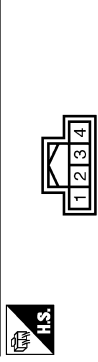
Terminal No.	Color of Wire	Signal Name [Specification]
5	SHIELD	-
6	L	-
7	R	-
8	B	-
9	B/Y	-
10	G	-
11	SB	-
12	V	-
17	GR	-
18	BR	-
19	W	-
20	LG	-
21	P	-
22	O	-
23	W/R	-
24	L/B	-

Connector No.	RT8
Connector Name	FRONT MICROPHONE (ACTIVE NOISE CONTROL)
Connector Type	TH04FW-NH



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

Connector No.	R20
Connector Name	REAR MICROPHONE (ACTIVE NOISE CONTROL)
Connector Type	TH04FW-NH



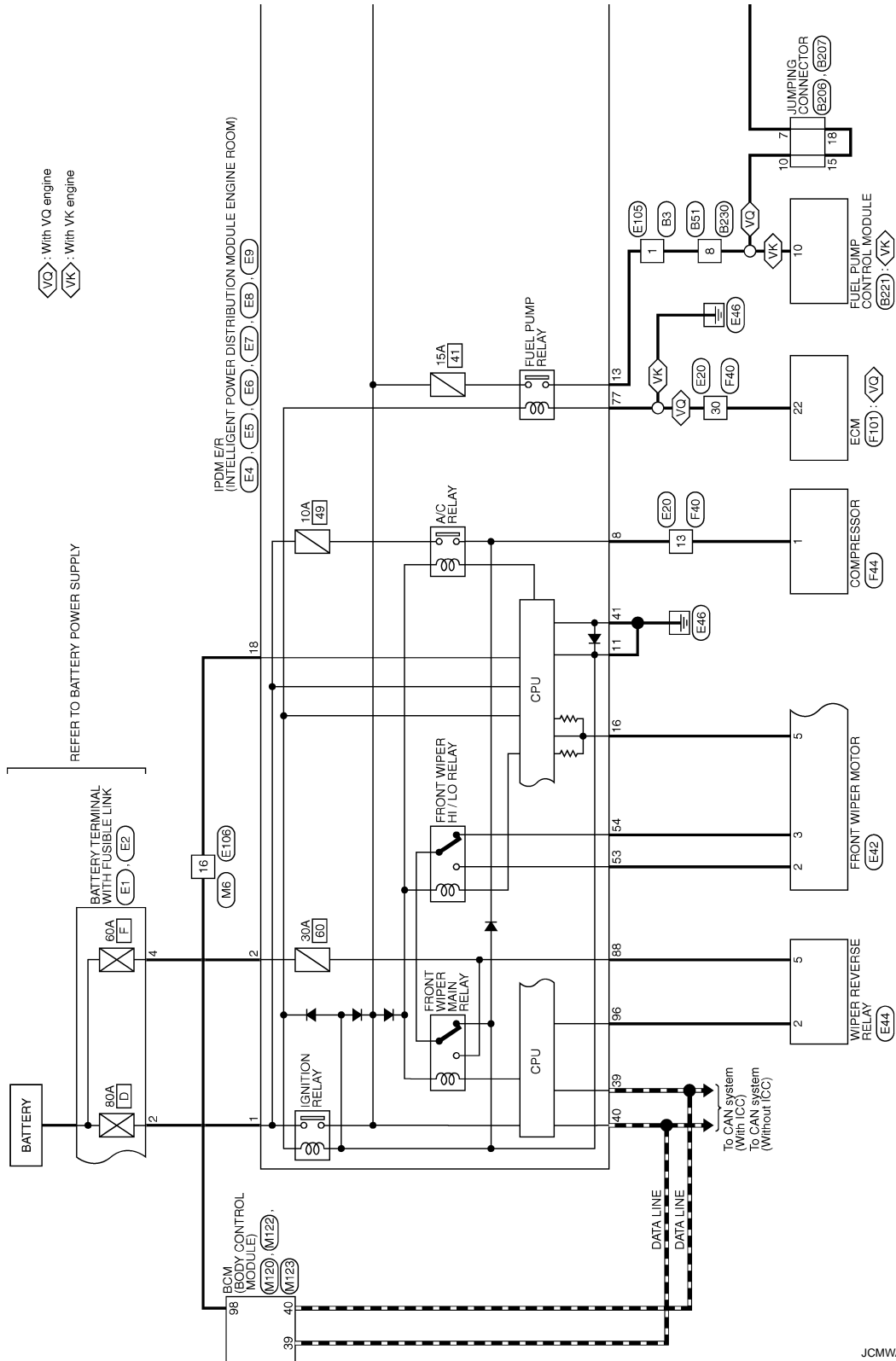
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	GR	-
3	B	-
4	P	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >




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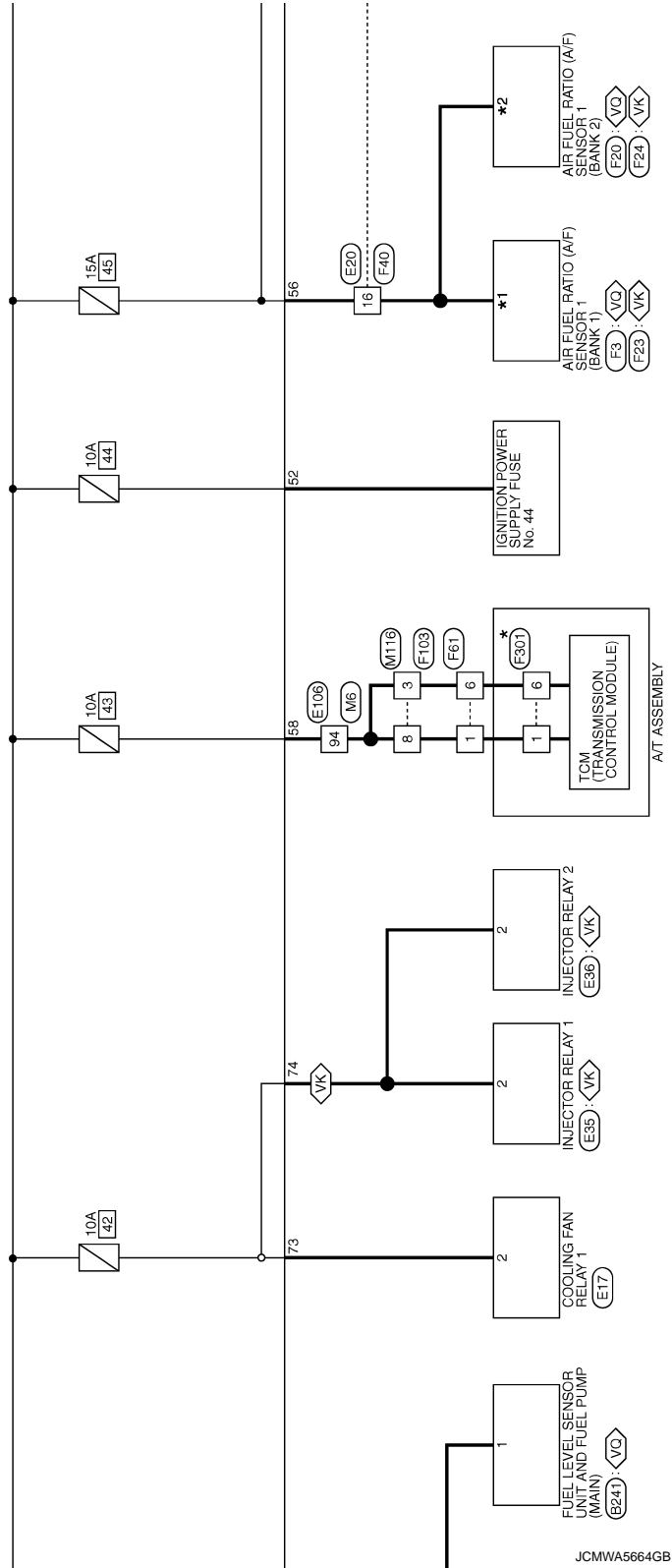
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

 : With VQ engine
 : With VK engine

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

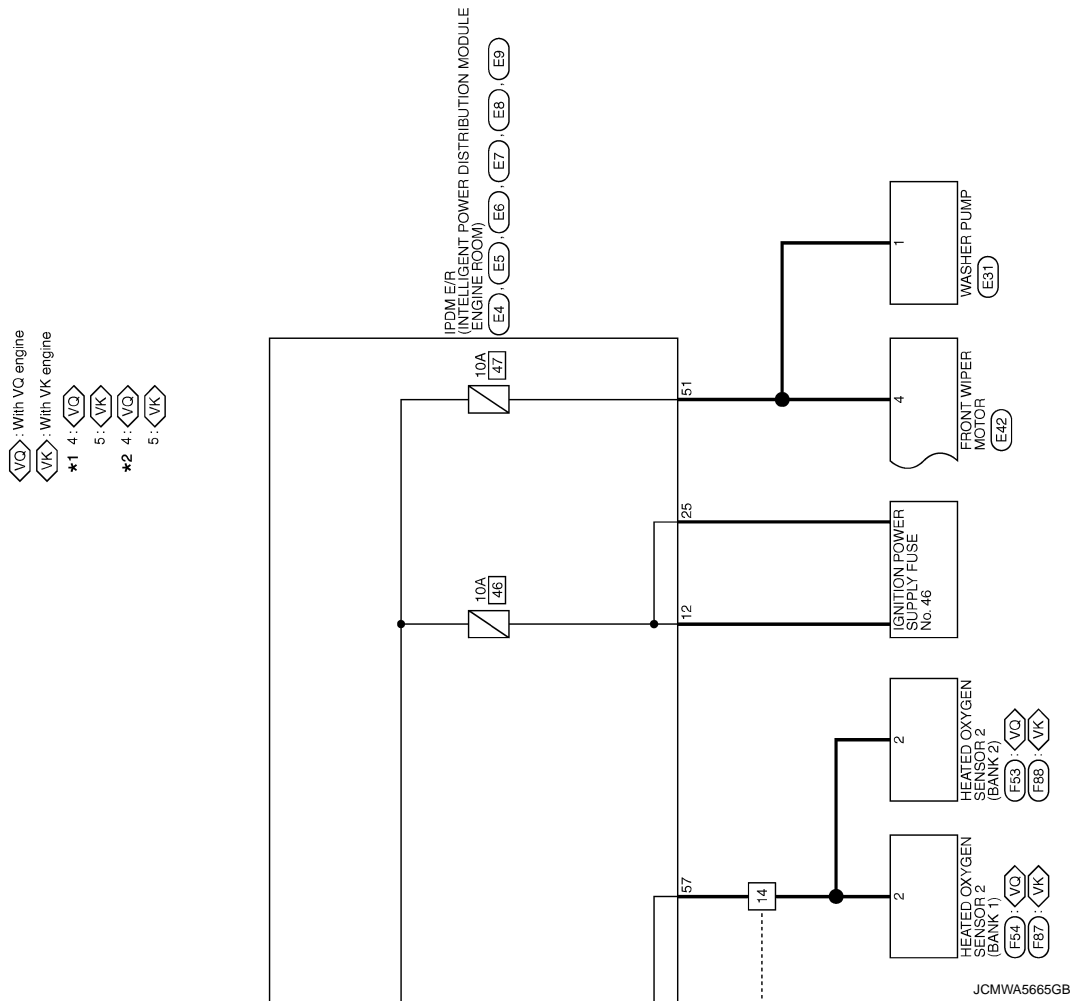
IPDM E/R
(INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
     



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

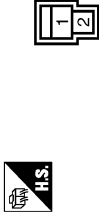
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH02PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	
2	W	
4	LG	
5	P	
6	V	
7	GR	
8	Y	
9	LG	
10	V	
11	GR	[With Climate controlled seat]
11	L	[With heated seat]
12	P	[With Climate controlled seat]
12	GR	[With heated seat]
13	BR	
14	R	
15	O	
16	V	
17	B	
18	R	
19	W	
20	R	
21	B	
22	LG	
23	V	
24	Y	
25	G	
26	GR	
27	SB	
28	P	[With Pre-crash seat belt system]
28	L/O	[Without Pre-crash seat belt system]
29	L	[With Pre-crash seat belt system]
29	W/L	[Without Pre-crash seat belt system]
30	SHIELD	[Without Pre-crash seat belt system]
33	R	
34	L	
35	R	
36	R	
36	G	

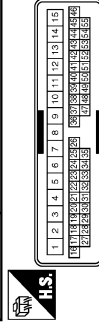
37	SB	
40	SHIELD	
41	GR/V	
42	W/L	
45	W	
47	W	
48	V	
49	BR	
50	SB	
51	V	
52	LG	
53	G	
56	P	
57	BR	
58	LG	
59	Y	
60	W	
61	B	
62	LG	
63	BR	[With ICC and 4WAS system]
63	V	[Without ICC and 4WAS system]
65	O	
66	BR	
67	V	
68	LG	
69	GR	
70	R	
72	L	
73	P	
74	L	
75	P	
76	Y	
77	R	
78	W	
79	G	
81	LG	
82	BR	
83	SB	
84	Y	
85	W	
86	R	
87	G	
88	GR	
91	SB	
92	G	
96	Y	
97	O	
98	SB	
99	LG	

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	IM02PW-LC



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

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
5	B/W	
6	L	
7	R	
8	B	
9	W	
10	LG	
11	P	
12	GR	
13	B/W	
14	SB	
15	O	
16	G	
17	Y	
18	BR	
19	GR	
20	O	
21	LG	
22	L	
23	SB	
24	V	

27	V	
28	W	
29	SB	
30	L	
31	LG	
32	V	
33	V	
34	BR	
35	B/R	
36	P	
37	BR	
38	W	
39	O	
40	L	
41	SHIELD	
42	L	[With Pre-crash seat belt system]
42	W/L	[Without Pre-crash seat belt system]
43	P	[With Pre-crash seat belt system]
43	L/O	[Without Pre-crash seat belt system]
44	R	
45	Y	
46	V	
47	SB	
48	GR	
49	LG	
50	B	
51	G	
52	R	
53	B	
54	V	
55	W	

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	B16
Connector Name	FUSE BLOCK (W/B)
Connector Type	HS12PBR-CS



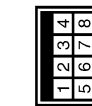
Terminal No.	Color of Wire	Signal Name [Specification]
1G	GR	-
2G	P	-
4G	L	-
5G	P/L	- [With VK engine]
6G	G	- [With VO engine]
10G	W	-
11G	W	-
12G	V	-

Connector No.	B22
Connector Name	CONDENSER
Connector Type	MD1FV-LC



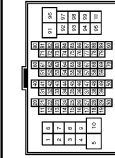
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-

Connector No.	B51
Connector Name	WIRE TO WIRE
Connector Type	MD8MB-LC



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

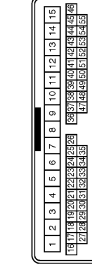
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	THROMW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	GR	-
23	R	-
24	V	-
25	B	-
26	W	-
27	O	-
28	V	-
29	P	-
30	O	-
31	B/R	-
32	Y	-
40	SHIELD	-
41	W/R	-
42	V	-
44	P	-

Terminal No.	Color of Wire	Signal Name [Specification]
45	SB	-
46	R	- [With Climate controlled seat]
46	Y	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heater seat]
48	V	-
49	O	-
50	R	-
51	GR	-
52	LG	-
53	P	-
56	P	-
57	W	-
58	O	-
59	Y	-
61	SB	-
62	L	-
63	W	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
14	LG	-
76	SHIELD	-
77	G	-
78	R	-
79	P	-
80	G	-
81	P	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	W	-
87	O	-
88	Y	-
89	BR	-
90	L	-
91	BR	-
93	Y	- [With Climate controlled seat]
93	O	- [With heater seat]
94	GR	-
96	W	-
97	P	-
98	LG	-
99	LG	-
100	Y	-

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH4GMW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
2	B/W	-
3	B/W	-
5	Y	-
9	R	-
10	P	-
11	V	-
12	Y	-
13	BR	-
14	LG	-
15	GR	-
16	G	-
17	P	-
18	BR	-
19	GR	-
20	V	-
21	LG	-
22	W	-
23	O	-
24	Y	-
25	BR	-
26	L	-
32	G	-
33	R	-
34	SHIELD	-
35	P	-
36	B/R	-
37	BR	-
38	SB	-
39	P	-
44	SB	-
45	R	-
46	B	-

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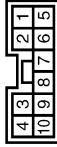
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	B206
Connector Name	JUMPING CONNECTOR
Connector Type	TM10FB



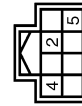
Terminal No.	Color of Wire	Signal Name [Specification]
5	B/R	-
6	B	-
7	W	-
10	BR	-

Connector No.	B207
Connector Name	JUMPING CONNECTOR
Connector Type	TM10WB-X



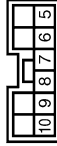
Terminal No.	Color of Wire	Signal Name [Specification]
15	W	-
18	W	-
19	B	-
20	B	-

Connector No.	B214
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH



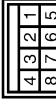
Terminal No.	Color of Wire	Signal Name [Specification]
2	V	COMMUNICATION
4	B	IGN
5	B	GND

Connector No.	B221
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	TM10FB



Terminal No.	Color of Wire	Signal Name [Specification]
5	B/R	GND
6	B	FUEL PUMP (-)
7	W	FUEL PUMP (+)
8	P	FPC INPUT SIGNAL
9	GR	DIAG OUTPUT SIGNAL
10	BR	BATTERY

Connector No.	B230
Connector Name	WIRE TO WIRE
Connector Type	MM8FB-LC



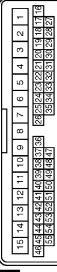
Terminal No.	Color of Wire	Signal Name [Specification]
8	BR	-

Connector No.	B241
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (MAIN)
Connector Type	EO8FGY-RS



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
5	B	-
6	L	-
7	R	-
8	GR	-
9	G	-
10	LG	-
11	P	-
12	LG	-
13	B/W	-
14	Y	-
15	O	-
16	R	-
17	Y	-
18	BR	-
19	W	-
20	O	-
21	GR	-

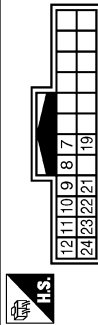
22	G	-
23	LG	-
24	B	-
27	V	-
28	W	-
29	GR	-
30	G	-
31	Y	-
32	O	-
33	BR	-
34	L	-
35	P	-
36	V	-
37	GR	-
38	O	-
39	W	-
40	R	-
41	SHIELD	-
42	L	-
43	P	-
44	V	-
45	LG	-
46	BR	-
47	L	-
48	Y	-
49	P	-
50	B/W	-
51	C	-
52	Y	-
53	B/W	-
54	W	-
55	W	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

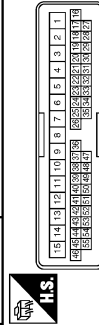
IGNITION POWER SUPPLY

Connector No.	D33
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
7	P	-
8	R	-
9	V	-
10	G	-
11	GR	-
12	O	-
19	B	-
21	BR	-
22	R	-
23	W	-
24	Y	-

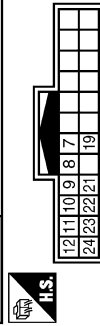
Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH4UFW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
2	B	-
3	B/W	-
5	GR	-
9	V	-
10	R	-
11	L	-
12	Y	-
13	BR	-
14	G	-
15	SB	-
16	G	-

17	O	-
18	BR	-
19	GR	-
20	V	-
21	LG	-
22	SB	-
23	G	-
24	Y	-
25	BR	-
26	L	-
32	L/O	-
33	W/L	-
34	SHIELD	-
35	W	-
36	L	-
37	P	-
38	SB	-
39	O	-
44	SB	-
45	R	-
46	B/W	-

Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH24MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
7	W	-
8	SB	-
9	O	-
10	Y	-
11	L	-
12	BR	-
19	B	-
21	BR	-
22	G	-
23	GR	-
24	O	-

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD2FB-MC



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

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD2FB-MC



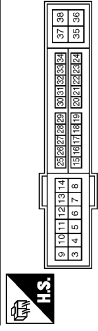
Terminal No.	Color of Wire	Signal Name [Specification]
3	L	-
4	R	-

Connector No.	E4
Connector Name	FROM E.R. INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LD2FB-MC



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

Connector No.	E5
Connector Name	FROM E.R. INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH2DFW-CS12-M4-1V



Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	P	-
6	R	-
7	Y	-
8	L	-
10	V	-
11	B	-
12	G	-
13	GR	-
16	V	-
18	Y	-
22	BR	-
23	SB	-
24	O	-
26	LG	-
30	BR	-
31	W	-
32	L	-
34	P	-
36	GR	-

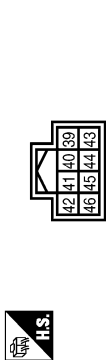
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

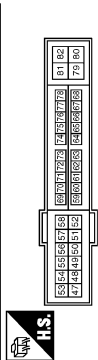
IGNITION POWER SUPPLY

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



Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B	-
42	V	-
43	SB	-
44	GR	-
45	G	-
46	BR	-

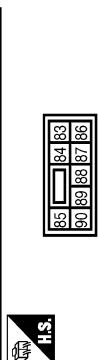
Connector No.	E7
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
49	BR	-
51	O	-
52	G	-
53	L	-
54	P	-
55	R	-
56	GR	-
57	V	-
58	BR	-
70	LG	-
71	O	-
72	G	-
74	R	-
75	Y	-

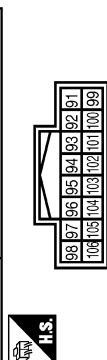
77	B	-
80	W	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	-
84	W	-
86	G	-
87	L	-
88	O	-
89	Y	-
90	P	-

Connector No.	E9
Connector Name	ENGINE INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH10FW-NH



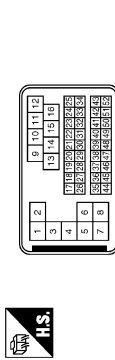
Terminal No.	Color of Wire	Signal Name [Specification]
94	LG	-
96	R	-
97	V	-
102	O	-

Connector No.	E17
Connector Name	COOLING FAN RELAY 1
Connector Type	242347_9F300



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

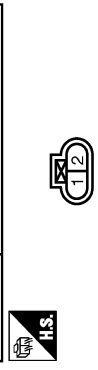
Connector No.	E20
Connector Name	WIRE TO WIRE
Connector Type	SA434MB-RS9-SH28



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	W	-
7	L/B	-
9	P	-
10	G	-
11	W	- [With VK engine]
11	W	- [With VQ engine]
12	V	-
13	L	-
14	LG	- [With VK engine]
14	V	- [With VQ engine]
15	SB	-
16	GR	-
19	W	-

20	BR	-
21	G	-
22	O	-
23	L	-
24	GR	-
25	Y	-
28	Y	-
29	Y	-
30	B	-
31	LG	-
32	W	-
33	BR	-
34	O	-
37	SHIELD	-
38	G	-
39	Y	-
40	R	-
41	W	-
42	L	-
43	B	-
46	SHIELD	-
47	R	-
48	L	-
49	G	-
50	B	-
51	Y	-
52	W	-

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	ED2FGY-RS



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E35
Connector Name	INJECTOR RELAY 1
Connector Type	MS22FL-M2-LC



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

Connector No.	E36
Connector Name	INJECTOR RELAY 2
Connector Type	MS22FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	-
2	R	-
3	P	-
5	V	-

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	RS206GY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	P	-
3	O	-
4	V	-
6	B	-

Connector No.	E44
Connector Name	WIPER REVERSE RELAY
Connector Type	MS203FB-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	SB	-
4	B	-
5	O	-

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



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

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS22FB-LC



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	O	-
8F	W	-
9F	R	-
12F	Y	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	MS22MW-LC



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	THB0PW-CS16-1M4



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	
2	W	
3	SB	
4	LG	
5	O	
7	GR	
8	G	
9	Y	
10	BR	
11	SB	
12	V	
13	GR	
14	GR	
15	V	
16	Y	
17	GR	
18	V	
20	BR	
21	P	
22	L	
23	P	
27	SHIELD	
28	L/O	
29	W/L	
31	BR	
32	G	
33	O	
34	Y	
40	BR	
41	BR	
42	L	
43	P	
44	W	
45	L	
46	GR	
47	V	
48	G	
48	O	

50	LG	
60	W	
61	G	
62	Y	
62	BR	
64	P	
65	Y	
66	R	
67	SB	
77	O	
78	SB	
80	G	
81	R	
82	SB	
83	GR	
84	Y	
85	Y	
86	L	
87	V	
88	BR	
89	LG	
90	W	
91	W	
92	P	
93	LG	
94	BR	
95	W	
96	R	
87	R	
98	Y	
99	V	
100	V	

Connector No.	F3
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZ0HFDGY



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

Connector No.	F70
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZ0HFDGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	
2	W/L	
3	L	
4	Y	

Connector No.	F73
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	AFZ0HFB



Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	
3	L/W	
4	L/R	
5	O	
6	L	

Connector No.	F74
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Type	AFZ0HFB



Terminal No.	Color of Wire	Signal Name [Specification]
2	P	
3	L/R	
4	L	
5	O	
6	L/W	

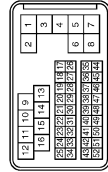
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	F40
Connector Name	WIRE TO WIRE
Connector Type	SAA38FB-RS8-SH73



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	R	- [With VK engine]
6	W	- [With VG engine]
7	L/B	-
9	W	-
10	G	-
11	G	- [With VK engine]
11	R	- [With VG engine]
12	W	-
13	P	-
14	V	-
15	R	-
16	O	- [With VK engine]
16	Y	- [With VG engine]
19	W	- [With VK engine]
19	L	- [With VG engine]
20	W	-
21	G	-
22	W	-
23	L	-
24	Y	-
25	LG	-
28	R	-
29	W	-
30	B	-
31	W	-
32	LG	- [With VK engine]
32	GR	- [With VG engine]
33	Y	- [With VK engine]
33	P	- [With VG engine]
34	O	-
34	SHIELD	-
38	L/G	- [With VK engine]
38	G	- [With VG engine]

39	L/Y	- [With VK engine]
39	P	- [With VG engine]
40	W/L	- [With VK engine]
40	R	- [With VG engine]
41	O/L	- [With VK engine]
41	W	- [With VG engine]
42	O	- [With VK engine]
42	LG	- [With VG engine]
43	W	- [With VK engine]
43	W	- [With VG engine]
46	SHIELD	-
47	L/G	- [With VK engine]
47	W	- [With VG engine]
48	L/Y	- [With VK engine]
48	BR	- [With VG engine]
49	W/L	- [With VK engine]
49	O/L	- [With VG engine]
50	O/L	- [With VK engine]
50	W/L	- [With VG engine]
51	O	- [With VK engine]
51	SB	- [With VG engine]
52	W	- [With VK engine]
52	O	- [With VG engine]

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RS01FB



Terminal No.	1	Color of Wire	P	Signal Name [Specification]	-
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Connector No.	F83
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04FB



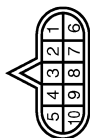
Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	-
2	V	-
3	LG	-
4	L	-

Connector No.	F84
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	-
2	V	-
3	P	-
4	BR	-

Connector No.	F81
Connector Name	A/T ASSEMBLY
Connector Type	FK10FG-DGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	R	-
3	L	-
4	V	-
5	B	-
6	G	-
7	SB	-
8	P	-
9	LG	-
10	B	-

Connector No.	F87
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	BR	-
4	Y	-

Connector No.	F88
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	G	-
4	BR	-

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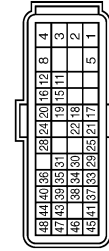
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

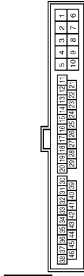
IGNITION POWER SUPPLY

Connector No.	F101
Connector Name	EOM
Connector Type	RH40FB-R28-L-RH-Z



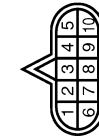
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	AFH1
2	G	MOTOR1-B1
3	R	VMOT-B1
4	BR	MOTOR2-B1
5	L	AFH2
8	B	GND
11	GR	IGN#4
12	L	IGN#3
15	LG	IGN#5
16	G	IGN#2
17	P	O2HR1
18	Y	CVTCH1
19	V	IGN#6
20	Y	IGN#1
21	GR	EVAP
22	B	FPR
24	W	SSOFF
25	O	MOTRLY1-B1
28	R	ABORT
29	Y	CVTCH2
30	O	TPS1-B1
31	O/L	TPS1-B2
33	LG	O2HR2
34	W/L	TPS2-B1
35	W	TPS2-B2
37	B	POS
38	L	INTPRES
40	O/L	GND4-TPS-B1
43	W/L	AVCC-TPS-B2
44	W	AVCC-TPS-B1
46	L	AVCC POS
47	R	GND POS
48	O	GND4-TPS-B2

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK36FPW-NS10



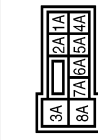
Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	G	-
4	B	- [With VK engine]
4	R	- [With VQ engine]
5	GR	- [With VK engine]
5	B	- [With VQ engine]
7	LG	-
8	Y	-
9	W	- [With VK engine]
9	SB	- [With VQ engine]
10	BR	- [With VK engine]
10	V	- [With VQ engine]
11	L	-
12	P	-
13	V	-
14	SB	-
15	R	-
16	W	-
17	GR	-
18	LG	-
21	LG	-
22	B	-
23	G	-
24	BR	-
25	O	-

Connector No.	F301
Connector Name	TOM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VGN
2	B	BATT
3	R	CAN-H
4	O	K LINE
5	G	GND
6	GR	VGN
7	L	REV LAMP RLY
8	BR	CAN-L
9	Y	START RLY
10	W/B	GND

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS36FPW-M2



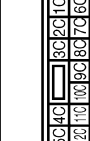
Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

Connector No.	M2
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FPW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
3B	P	-
4B	G	-
5B	SB	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FPW-CS



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

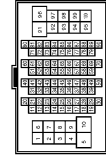
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	SB	-
4	LG	-
5	W	-
6	W	-
7	BG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	L	-
15	B	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	V	-
48	G	-
49	BG	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-

50	W	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	L	-
65	R	-
66	P	-
67	L	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
85	Y	-
86	L	-
87	V	-
88	V	-
89	LG	-
90	BG	-
91	W	-
92	BG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	L	- [With Climate controlled seat]
12	P	- [With heater seat]
13	GR	- [With Climate controlled seat]
14	BR	-
15	BG	-
16	V	-
17	BG	- [With ICC]
18	B	- [Without ICC]
19	L	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	L	-
33	P	-
34	L	-
35	P	-
36	BG	-
37	SB	-
40	SHIELD	-
41	SB	-
42	V	-
45	W	-
47	L	-
48	LG	-
49	BR	-
50	V	-
51	V	-
52	P	-
53	BG	-
56	SB	-
57	P	-
58	LG	-
59	V	-
60	GR	-
61	B	-
62	LG	-

63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
72	L	-
73	P	-
74	L	-
75	P	-
76	G	-
77	Y	-
78	SB	-
79	W	-
81	LG	-
82	BR	-
83	BG	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
92	G	-
96	W	-
97	BG	-
98	V	-
99	LG	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M20
Connector Name	PCB HARNESS
Connector Type	THA0FB-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
11	BR	-
12	R	-
14	L	-
15	B	-
17	R	-
19	W	-
20	R	-
21	B	-
22	R	-
23	L	-
24	L	-
27	P	-
30	SHIELD	-
31	V	-
33	V	-
35	L	-
36	P	-
38	L	-
40	Y	-

Connector No.	M22
Connector Name	PCB HARNESS
Connector Type	THA0FB-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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Terminal No.	Color of Wire	Signal Name [Specification]
82	P	-

83	B	-
84	B	-
85	B	-
86	B	-
87	B	-
88	B	-
89	Y	-
91	V	-
92	V	-
93	B	-
94	B	-
95	LG	-
96	BR	-
97	G	-
98	G	-
99	G	-
100	G	-
101	L	-
102	P	-
103	B	-
104	BR	-
105	R	-
107	Y	-
108	Y	-
109	BR	-
110	Y	-
112	B	-
113	P	-
114	L	-
116	B	-
117	B	-
117	EG	- [With VK engine]
118	B	-
119	G	-
120	V	-

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	SNA02FN



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

2	R	-
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Connector No.	M116
Connector Name	WIRES TO WIRE
Connector Type	TK38MF-HS1D



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
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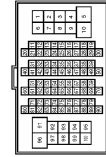
Terminal No.	Color of Wire	Signal Name [Specification]
2	SB	-
3	Y	-
4	B	- [With VK engine]
4	SB	- [With VQ engine]
5	B	-
7	W	-
8	Y	-
9	W	-
9	SB	- [With VK engine]
9	SB	- [With VQ engine]
10	SB	-
11	SB	-
12	F	-
13	V	-
14	R	-
15	Y	-
16	SB	-
17	BR	-
18	LG	-
21	LG	-
22	B	-
23	W	-
24	W	-
25	EG	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH0DFW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	- [With Climate controlled seat]
47	G	- [With heated seat]
47	GR	- [With Climate controlled seat]
48	V	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-

Terminal No.	Color of Wire	Signal Name [Specification]
63	R	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
93	W	- [With Climate controlled seat]
94	G	- [With heated seat]
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

Connector No.	M120
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	RR WINDOW DEFG RLY CONT
2	BG	COMBI SW INPUT 5
3	SB	COMBI SW INPUT 4
4	L	COMBI SW INPUT 3
5	G	COMBI SW INPUT 2
6	P	COMBI SW INPUT 1

Terminal No.	Color of Wire	Signal Name [Specification]
8	V	POWER WINDOW SW COMM
9	P	STOP LAMP SW L
11	R	RAIN SENSOR SERIAL LINK
14	W	OPTICAL SENSOR
16	SB	DIMMER SIGNAL
17	Y	SENSOR PWR SPLY
18	B	RECEIVER / SENSOR GND
19	R	RECEIVER PWR SPLY
20	BR	KYLS ENT RECEIVER COMM
21	P	NATS ANT AMP
22	GR	KYLS ENT RECEIVER RSSI
23	G	SECURITY IND CONT
24	L	DONGLE LINK
25	G	NATS ANT AMP
26	GR	I-KEY IDENTIFICATION
29	G	HAZARD SW
30	BG	TR LID OPNR SW
31	W	DR DOOR UNLOCK SENSOR
32	BR	COMBI SW OUTPUT 5
33	R	COMBI SW OUTPUT 4
34	V	COMBI SW OUTPUT 3
35	Y	COMBI SW OUTPUT 2
36	LG	COMBI SW OUTPUT 1
37	R	P POSITION
39	L	GAN-H
40	P	GAN-L

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEAD0FW-FH48-SA



Terminal No.	Color of Wire	Signal Name [Specification]
56	R	INT ROOM LAMP PWR SPLY
57	R	BAT (FUSE)
58	L	AIR BAG
59	G	PASS DOOR UNLK OUTPUT
60	G	TURN SIG LH OUTPUT
61	V	TURN SIG RH OUTPUT
62	V	STEP LAMP CONT
63	L	ROOM LAMP TIMER CONT
65	V	ALL DOOR FLID LOCK OUTPUT
66	LG	DR DOOR FLID UNLK OUTPUT

67	B	GND
68	BG	PW PWR SPLY (IGN)
69	Y	PW PWR SPLY (BAT)
70	W	BAT (F/L)

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M123
Connector Name	ECM (BODY CONTROL MODULE)
Connector Type	TH00PW-1H



81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
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Terminal No.	Color of Wire	Signal Name [Specification]
72	B	OUTS HD LAMP OUTPUT
73	V	ON IND
75	G	DR DOOR REQ SW
76	SB	PASS DOOR REQ SW
78	BR	DRIVER DOOR ANT+
79	SB	DRIVER DOOR ANT-
80	LG	PASSENGER DOOR ANT+
81	V	PASSENGER DOOR ANT-
82	V	REAR BMR ANT+
83	SB	REAR BMR ANT-
84	BR	ROOM ANTI+
85	Y	ROOM ANTI-
86	R	ROOM ANT2+
87	G	ROOM ANT2-
88	V	TRUNK ROOM ANT+
89	SB	TRUNK ROOM ANT-
90	R	PUSH-BTN IGN SW ILL PWR
91	GR	LOCK IND
92	B	PUSH-BTN IGN SW ILL GND
93	V	T-KEY WARN BUZZER
94	Y	S/L UNIT COMM
95	W	S/L UNIT PWR SPLY
96	SB	ACC RELAY CONT
97	SB	STARTER RELAY CONT
98	B	IGN RELAY (PDM E/R) CONT
99	R	IGN RELAY (F/B) CONT
100	BR	PUSH SW
102	BR	P/N POSITION
104	GR	A/T SHIFT SELECT PWR SPLY
105	R	STOP LAMP SW 2
106	B	BLWR RELAY CONT
107	L	S/L CONDITION1
108	P	S/L CONDITION2
109	Y	ACC IND

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	IN28FY-EX



8	9	7	6	2	5	4	3
19	52	54	23	24	22		
18	51	53	60	59	25	57	1

Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DRI (+)
4	Y	DRI (-) DR2 (-)
5	Y	DR2 (+)
6	Y	ASI (+)
7	Y	ASI (-)
8	Y	ASZ (+)
9	Y	ASZ (-)
18	SB	EG2S (+)
19	V	EG2S (-)
22	SHIELD	GND
23	R	AIR BAG W/L
24	C	SEAT BELT
25	R	CUTOFF LEVER TALE
51	G	SATELLITE RH2 (-)
52	R	SATELLITE RH2 (-)
53	P	SATELLITE RH2 (-)
54	L	SATELLITE RH2 (-)
57	L	IVCS
59	L	CAN-H
60	P	CAN-L

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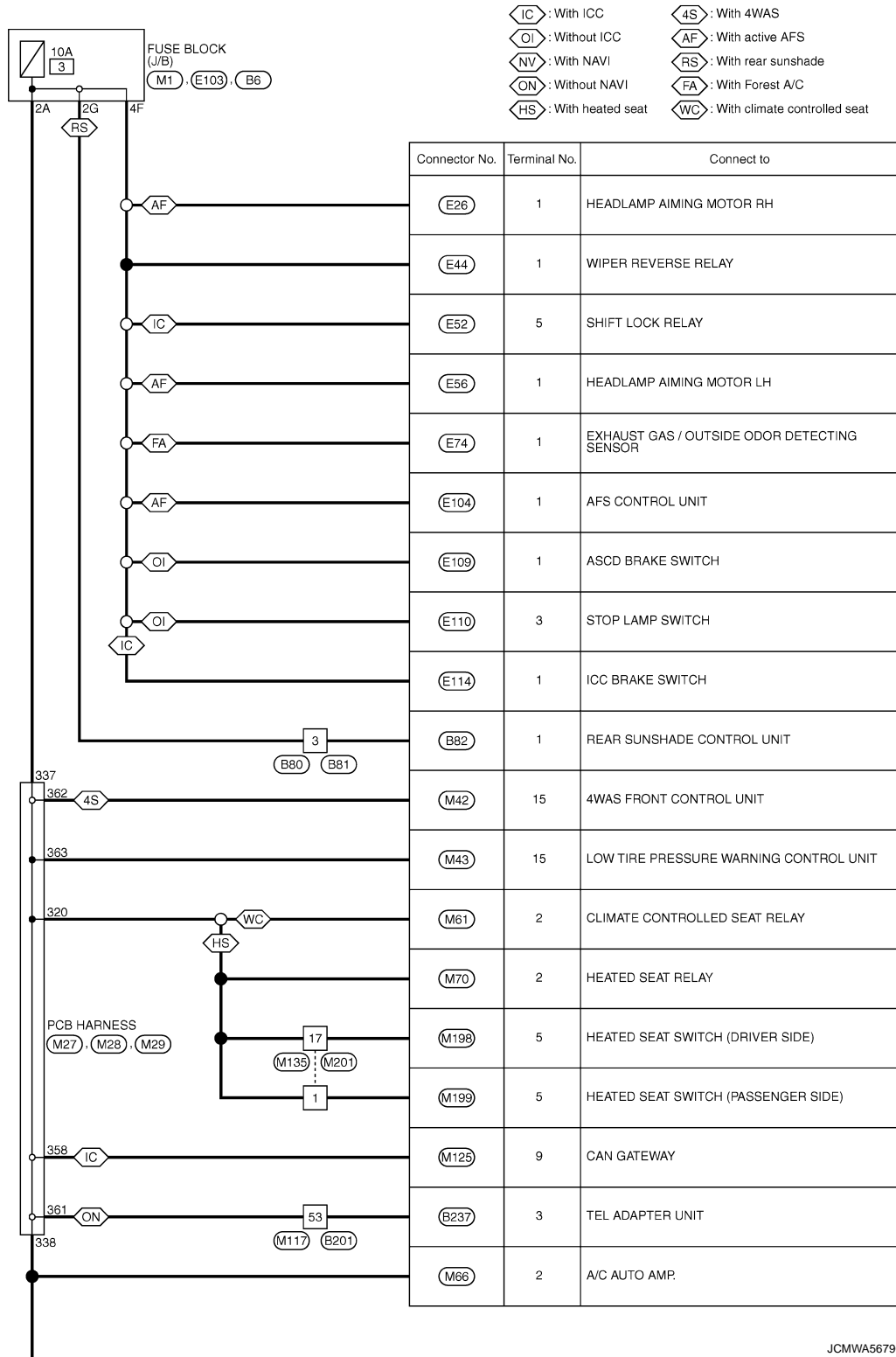
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

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IGNITION POWER SUPPLY FUSE No. 3

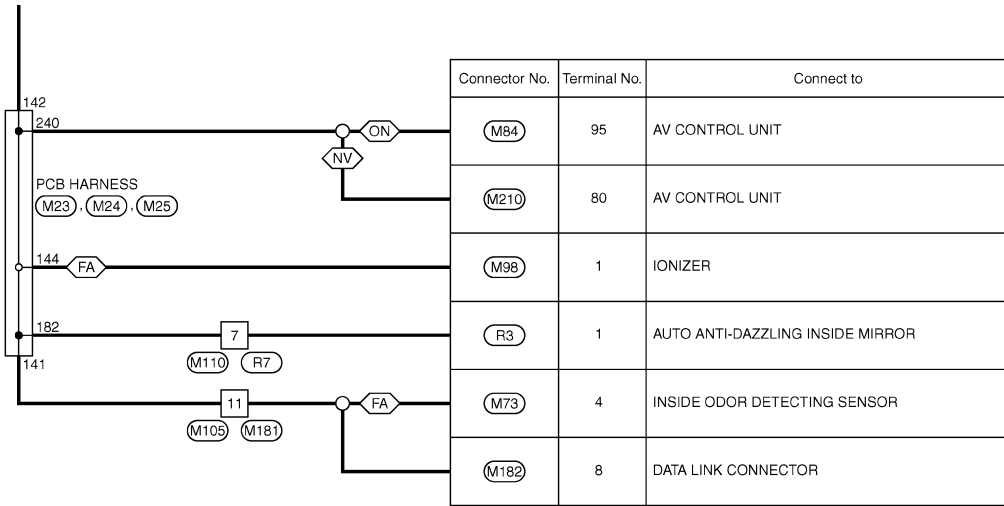


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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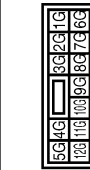
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

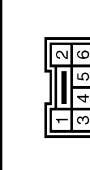
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	B8
Connector Name	FUSE BLOCK (J/B)
Connector Type	HS12BR-CS



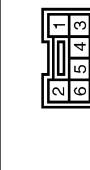
Terminal No.	Color of Wire	Signal Name [Specification]
1G	GR	-
2G	P	-
4G	L	-
5G	P/L	- [With VK engine]
5G	P	- [With VO engine]
6G	G	-
10G	W	-
11G	V	-
12G	V	-

Connector No.	B80
Connector Name	WIRE TO WIRE
Connector Type	TK68MW-1V



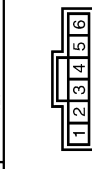
Terminal No.	Color of Wire	Signal Name [Specification]
3	P	-
4	G	-
5	SB	-
6	B/R	-

Connector No.	B81
Connector Name	WIRE TO WIRE
Connector Type	TK68W-1V



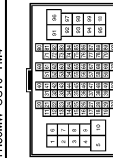
Terminal No.	Color of Wire	Signal Name [Specification]
3	R/W	-
4	P	-
5	L	-
6	BR	-

Connector No.	B82
Connector Name	REAR SUNSHADE CONTROL UNIT
Connector Type	AMP 14823-1



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/W	+IG
2	BR	GND
4	L	Switch (13.5V): UP/DOWN
6	P	Reverse

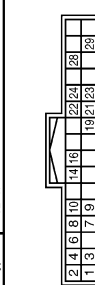
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
17	GR	-
18	D	-
19	BR	-
20	GR	-
21	Y	-
22	GR	-
23	R	-
24	V	-
25	B	-
26	W	-
27	O	-
28	V	-
29	P	-
30	O	-
31	B/R	-
32	Y	-
40	SHIELD	-
41	W/R	-
42	V	-
44	P	-
45	SB	-
46	R	- [With Climate controlled seat]
46	Y	- [With heater seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heater seat]
48	V	-
49	O	-
50	R	-
51	GR	-
52	LG	-
53	P	-
56	P	-
57	W	-
58	O	-
59	Y	-
61	SB	-
62	L	-
63	W	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	P	-
80	G	-
81	P	-

82	BR	-
83	GR	-
84	V	-
85	LG	-
86	W	-
87	O	-
88	Y	-
89	BR	-
90	L	-
91	BR	-
93	Y	- [With Climate controlled seat]
93	O	- [With heater seat]
94	GR	-
96	W	-
97	P	-
98	LG	-
99	LG	-
100	Y	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	BATTERY
2	L	ACC
3	P	IGNITION
4	B/R	GND
7	W/R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	W/L	TEL VOICE SIGNAL (+)
10	GR/V	TEL VOICE SIGNAL (-)
14	B/R	GND
19	B/R	GND
21	B/R	CONTROL SIGNAL
23	B/R	CONTROL SIGNAL
24	B/R	CONTROL SIGNAL
28	W	VEHICLE SPEED (8-PUL SE)
29	B/R	MICROPHONE VCC

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E26
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS03FGY



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



Connector No.	E56
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FGY



Connector No.	E44
Connector Name	WIPER REVERSE RELAY
Connector Type	MS03FB-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-
3	SB	-
4	B	-
5	O	-

Connector No.	E52
Connector Name	SHIFT LOCK RELAY
Connector Type	MS02FL-M2-LC

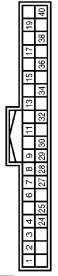


Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	MS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	O	-
8F	W	-
9F	R	-
12F	Y	-

Connector No.	E104
Connector Name	AFS CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGN
2	O	PSG-R
3	GR	SW
4	BR	PSV-R
6	V	HSV-R
7	P	CAN-L
8	B	HSC-R
9	Y	PS-R
11	R	SMR-1 (-)
13	B	SMR-2 (-)
15	W	SML-1 (-)
17	G	SML-2 (-)
19	W	AMDS-R
24	LG	PSV-L
23	B	GND

27	BR	PSG-L
28	SB	HS-R
29	P	PS-L
30	L	CAN-H
32	W	SMR-2 (+)
34	G	SMR-1 (+)
36	R	SML-2 (-)
38	B	SML-1 (-)
40	GR	AMDS-L

Connector No.	E109
Connector Name	ASCD BRAKE SWITCH
Connector Type	MS02FBR-LC



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

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	MS04FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	V	-
3	W	- [With ICG]
3	G	- [Without ICG]
4	SB	- [With ICG]
4	Y	- [Without ICG]

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	E114
Connector Name	ICC BRAKE SWITCH
Connector Type	MS2FER-LC



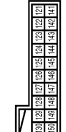
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	P	-

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



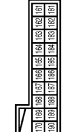
Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

Connector No.	M23
Connector Name	POB HARNESS
Connector Type	TH40FW-NH



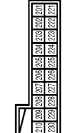
Terminal No.	Color of Wire	Signal Name [Specification]
121	R	-
122	V	-
123	BG	-
124	BG	-
128	BR	-
130	B	-
131	SB	-
132	LG	-
133	L	-
135	P	-
137	Y	-
138	L	-
139	P	-
140	L	-
141	W	-
142	W	-
144	P	-
145	R	-
146	LG	-
147	B	-
148	L	-
149	B	-
150	P	-
151	L	-
152	B	-
153	W	-
154	W	-
155	W	-
157	W	-
158	R	-
159	R	-

Connector No.	M24
Connector Name	POB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
161	BG	-
162	G	-
163	G	-
164	V	-
165	V	-
166	R	-
167	LG	-
168	R	-
169	R	-
170	B	-
172	B	-
174	W	-
175	B	-
176	L	-
177	P	-
178	Y	-
179	L	-
180	LG	-
182	BR	-
183	G	-
184	V	-
185	P	-
185	V	-
186	R	-
187	L	-
188	Y	-
189	B	-
190	V	-
191	G	-
192	B	-
193	SB	-
194	BR	-
198	R	-
199	B	-
200	SB	-

Connector No.	M25
Connector Name	POB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
201	L	-
208	G	-
209	L	- [With BOSE system]
209	G	- [Without BOSE system]
210	P	- [With BOSE system]
210	L	- [Without BOSE system]
211	SHIELD	-
212	G	- [With BOSE system]
212	BR	- [Without BOSE system]
213	R	-
214	SHIELD	-
215	V	- [With BOSE system]
215	GR	- [Without BOSE system]
218	LG	- [With BOSE system]
218	G	- [Without BOSE system]
217	SHIELD	-
218	BR	- [With BOSE system]
218	P	- [Without BOSE system]
219	GR	- [With BOSE system]
219	V	- [Without BOSE system]
220	SHIELD	-
221	P	-
222	LG	-
223	SB	-
224	SB	-
225	LG	-
226	R	-
230	BR	-
231	SB	-
232	V	-
233	L	-
234	P	-
235	B	-
239	V	-
240	W	-

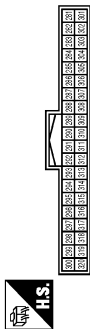
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

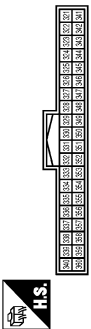
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M27
Connector Name	POB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
282	BG	-
283	BG	-
284	LG	-
286	W	-
287	Y	-
288	W	-
290	B	-
292	B	-
293	B	-
294	B	-
295	B	-
299	V	-
301	R	-
302	R	-
303	R	-
319	V	-
320	W	-

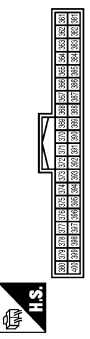
Connector No.	M28
Connector Name	POB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
321	V	-
322	V	-
324	B	-
325	L	-
326	L	-

327	P	-
328	P	-
330	B	-
331	V	-
332	V	-
335	B	-
337	W	-
338	W	-
343	L	-
344	B	-
345	Y	-
346	L	-
347	P	-
348	GR	-
349	V	-
350	LG	-
351	P	-
352	R	-
353	P	-
358	W	-
359	W	-
360	G	-

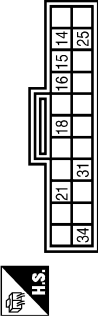
Connector No.	M29
Connector Name	POB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
361	W	-
362	W	-
363	Y	-
366	B	-
367	B	-
368	G	-
373	BR	-
374	BG	-
375	BG	-
376	V	-
377	V	-
378	B	-
379	R	-
380	R	-

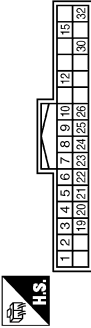
381	G	-
382	V	-
383	GR	-
384	GR	-
385	P	-
386	L	-
389	R	-
397	L	-
398	L	-
400	V	-

Connector No.	M42
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	TK22FW



Terminal No.	Color of Wire	Signal Name [Specification]
14	R	4WAS COMMUNICATION-L
15	W	IGN
18	B	GND
23	L	4WAS COMMUNICATION-H
34	B	GND

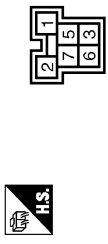
Connector No.	M43
Connector Name	LOW TIRE PRESSURE WARNING CONTROL UNIT
Connector Type	TH43FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	CAN- (L)
2	L	CAN- (H)
3	B	RR TUNER (SIG)
4	B	RL TUNER (SIG)
5	B	FR TUNER (SIG)
6	G	FL TUNER (SIG)

7	R	RR TUNER (VCG)
8	W	RL TUNER (VCG)
9	W	FR TUNER (VCG)
10	W	FL TUNER (VCG)
12	W	SW
15	Y	IGN
19	G	RR TUNER (RSS)
20	G	RL TUNER (RSS)
21	G	FR TUNER (RSS)
22	R	FL TUNER (RSS)
23	W	RR TUNER (GND)
24	R	RL TUNER (GND)
25	R	FR TUNER (GND)
26	B	FL TUNER (GND)
30	G	BCM FLASHER
32	B	GND

Connector No.	M61
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M08FBR-R-LC



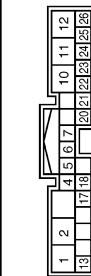
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	W	-
5	LG	-
6	G	-
7	SB	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

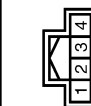
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M66
Connector Name	A/C AUTO AMP.
Connector Type	TH2DFW-TB6



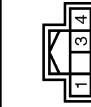
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BATTERY POWER SUPPLY
2	W	IGNITION POWER SUPPLY
6	R	BLOWER MOTOR F/B SIGNAL
7	L	POWER TRANSISTOR CONTROL SIGNAL
10	B	GROUND
11	P	CAN-L
12	L	CAN-H
13	V	ACC POWER SUPPLY
17	BG	ECV CONTROL SIGNAL
20	R	HUMIDITY SENSOR (SAC) SIGNAL
21	Y	HUMIDITY SENSOR (DATA) SIGNAL
22	B	HUMIDITY SENSOR GROUND
23	W	DRIVE MODE SELECT SW (SNOW)
24	L	DRIVE MODE SELECT SW (ECO)
25	G	DRIVE MODE SELECT SW (STANDARD)
26	Y	DRIVE MODE SELECT SW (SPORT)

Connector No.	M73
Connector Name	INSIDE ODOR DETECTING SENSOR
Connector Type	TH4MEV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	SENS SIG
2	B	SENS GRD
3	B	GND
4	LG	IGN


Connector No.	M88
Connector Name	IONIZER
Connector Type	TH4DFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	IGN
3	R	GND
4	W	IGN ON / OFF

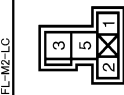
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH2AMW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	BR	-
8	R	-
9	B	-
13	L	-
14	B	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	B	-
20	V	-
21	R	-
22	G	-
23	L	-
24	LG	-

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MSD2FL-M2-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	G	-
5	SB	-

Terminal No.	Color of Wire	Signal Name [Specification]
76	LG	AV COMM (L)
77	SB	AV COMM (H)
78	SB	AV COMM (H)
79	LG	AV COMM (L)
80	P	CAN-L
81	L	CAN-H
82	BR	SW GND
86	SHIELD	SHIELD
87	P	TEL VOICE SIGNAL (+)
88	L	TEL VOICE SIGNAL (-)
92	R	VEHICLE SPEED (8-PULSE)
93	V	PARKING BRAKE REVERSE
94	BG	IGNITION
95	W	IGNITION
96	SB	DISK EJECT SIGNAL

Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	LG	-
6	P	-
7	L	-
8	P	-
9	B	-
10	W	-
11	W	-
12	SB	-
14	SB	-
15	BR	-
16	V	-
18	G	-
19	B	-
20	V	-
22	BG	-
23	B	-
25	W	-

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JCMWA5685GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4



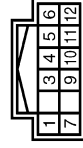
Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	- [With Climate controlled seat]
25	LG	- [With heated seat]
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	- [With Climate controlled seat]
47	G	- [With heated seat]
47	GR	- [With Climate controlled seat]
48	V	- [With heated seat]
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-

IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80PW-CS16-TM4

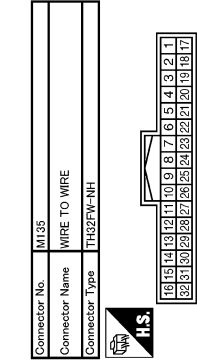
Terminal No.	Color of Wire	Signal Name [Specification]
63	R	-
66	L	-
67	Y	-
68	SB	-
69	BR	-
70	P	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
93	W	- [With Climate controlled seat]
93	G	- [With heated seat]
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

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



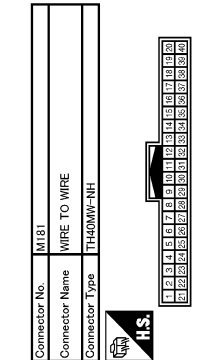
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
3	GR	BATTERY
4	L	CAN-H
5	P	GND
6	L	CAN-H
7	P	CAN-L

Connector No.	M135
Connector Name	WIRE TO WIRE
Connector Type	TH82FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	BG	-
5	V	- [With Climate controlled seat]
5	L	- [With heated seat]
6	P	- [With Climate controlled seat]
6	GR	- [With heated seat]
7	SB	-
10	G	- [With Climate controlled seat]
10	GR	- [With heated seat]
11	L	- [With Climate controlled seat]
11	BG	- [With heated seat]
12	Y	-
13	W	-
14	L	-
15	G	-
16	Y	-
17	P	- [With Climate controlled seat]
17	P	- [With heated seat]
18	BR	-
19	GR	-
20	B	-
21	R	-
22	W	- [With Climate controlled seat]
22	B	- [With heated seat]
23	BG	-
24	V	-
25	LG	- [With Climate controlled seat]
25	B	- [With heated seat]
26	SB	- [With Climate controlled seat]
26	R	- [With heated seat]
27	P	- [With Climate controlled seat]
27	B	- [With heated seat]

Connector No.	M181
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



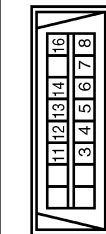
Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	R	-
6	BR	-
7	L	-
8	P	-
9	B	-
10	W	-
11	LG	-
12	SB	-
14	SB	-
15	BR	-
16	V	-
18	G	-
19	B	-
20	V	-
22	BG	-
23	B	-
25	W	-
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

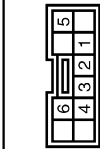
IGNITION POWER SUPPLY FUSE No. 3

Connector No.	M182
Connector Name	DATA LINK CONNECTOR
Connector Type	ED16FW



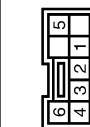
Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	B	-
5	B	-
6	L	-
7	V	-
8	LG	-
11	SB	-
12	P	-
13	L	-
14	P	-
16	W	-

Connector No.	M183
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



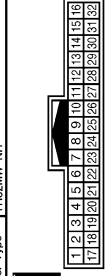
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	V	-
3	R	-
4	B	-
5	W	-
6	B	-

Connector No.	M189
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	R	-
4	R	-
5	Y	-
6	B	-

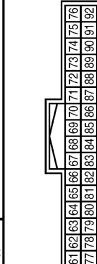
Connector No.	M201
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BG	-
5	V	-
6	P	-
7	SB	-
10	G	-
11	L	-
12	R	-
13	W	-
14	L	-
15	G	-
16	Y	-
17	W	-
18	BR	-
19	GR	-
20	B	-

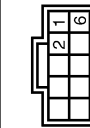
21	R	-
22	B	-
23	BG	-
24	V	-
25	B	-
26	R	-
27	B	- [With Climate controlled seat]
28	R	- [With heater seat]
29	B	-
30	B	-
32	R	-

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH42FW-NH



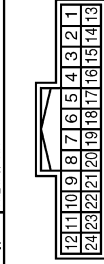
Terminal No.	Color of Wire	Signal Name [Specification]
65	V	PARKING BRAKE SIGNAL
67	R	COMPOSITE IMAGE SIGNAL GND
68	W	COMPOSITE IMAGE SIGNAL
69	G	I-KEY LINK OUTPUT
71	SHIELD	MICROPHONE SHIELD
72	G	MICROPHONE YCC
73	BR	COMM (CONT->DISP)
74	P	CAN-L
75	LG	AV COMM (L)
76	LG	AV COMM (L)
79	SB	DIMMER SIGNAL
80	W	IGNITION SIGNAL
81	BG	REVERSE SIGNAL
82	R	VEHICLE SPEED SIGNAL (8-PULSE)
83	SHIELD	SHIELD
84	B	COMPOSITE IMAGE SYNC SIGNAL
87	R	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	Y	COMM (DISP->CONT)
90	L	CAN-H
91	SB	AV COMM (H)
92	SB	AV COMM (H)

Connector No.	R3
Connector Name	AUTO AMT-DAZZLING INSIDE MIRROR
Connector Type	SAC10FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	IGN
2	B	GND
6	G	BAT

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH42FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	R	-
8	P	-
9	B	-
13	L	-
14	L	-
15	LG	-
16	Y	-
17	W	-
18	R	-
19	B	-
20	R	-
21	R	-
22	G	-
23	L	-
24	LG	-

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


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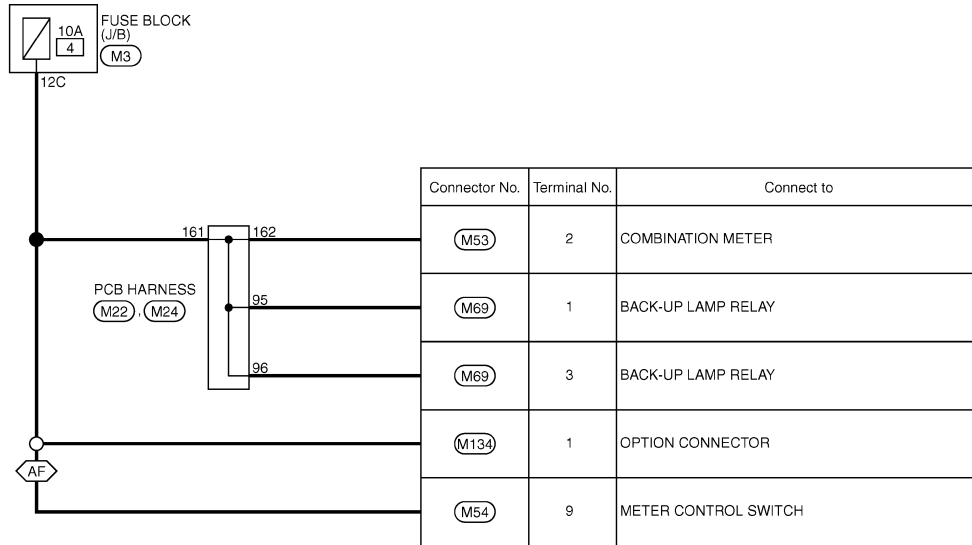
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000005987087

: With active AFS



2010/02/03

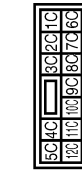
JCMWA5688GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

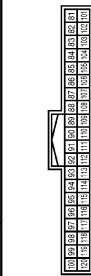
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	M3
Connector Name	FUSE BLOCK (W/B)
Connector Type	MS12PW-GS

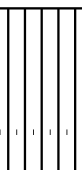


Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
9C	L	-
10C	LG	-
11C	LG	-
12C	BG	-

Connector No.	M22
Connector Name	POB HARNESS
Connector Type	TH407B-NH

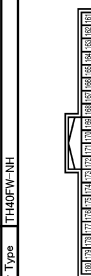


98	G	-
99	G	-
100	G	-
101	L	-
102	P	-
103	B	-
104	BR	- [With VK engine]
105	R	- [Without BOSE system]
107	Y	-
108	Y	-
109	BR	-
110	Y	-
112	B	-
113	P	-
114	L	-
116	B	-
117	B	- [With VK engine]
118	B	- [With VG engine]
119	G	-
120	V	-



Connector No.	M24
Connector Name	POB HARNESS
Connector Type	TH407V-NH

Connector No.	M33
Connector Name	COMBINATION METER
Connector Type	TH407W-NH



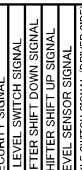
178	Y	-
179	L	-
180	LG	-
182	BR	-
183	G	-
184	V	-
185	P	- [With BOSE system]
186	R	- [Without BOSE system]
187	L	-
188	Y	-
189	B	-
190	V	-
191	G	-
192	B	-
193	SB	-
194	BR	-
198	R	-
199	B	-
200	SB	-



Connector No.	M54
Connector Name	METER CONTROL SWITCH
Connector Type	TH12MW-NH



24	B	FUEL LEVEL SENSOR GROUND
25	W	ALTERNATOR SIGNAL
26	V	PARKING BRAKE SWITCH SIGNAL
27	V	BRAKE FLUID LEVEL SWITCH SIGNAL
28	G	SECURITY SIGNAL
29	L	WASHER LEVEL SWITCH SIGNAL
32	G	PADDLE SHIFTER SHIFT DOWN SIGNAL
33	BG	PADDLE SHIFTER SHIFT UP SIGNAL
34	G	FUEL LEVEL SENSOR SIGNAL
35	W	SEAT BELT BUICK SWITCH SIGNAL (DRIVER SIDE)
36	G	PASSENGER SEAT BELT WARNING SIGNAL
37	G	NON-MANUAL MODE SIGNAL
38	V	MANUAL MODE SHIFT DOWN SIGNAL
39	L	MANUAL MODE SHIFT UP SIGNAL
40	W	MANUAL MODE SIGNAL



Connector No.	M54
Connector Name	METER CONTROL SWITCH
Connector Type	TH12MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
81	L	-
82	P	-
83	B	-
84	B	-
85	B	-
86	B	-
87	B	-
88	B	-
89	Y	-
91	V	-
92	V	-
93	B	-
94	B	-
96	LG	-
97	G	-

Terminal No.	Color of Wire	Signal Name [Specification]
161	BG	-
162	BG	-
163	G	-
164	V	-
165	V	-
166	R	-
167	LG	-
168	R	-
169	R	-
170	B	-
172	B	-
174	W	-
175	B	-
176	L	-
177	P	-

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATTERY POWER SUPPLY
2	BG	IGNITION SIGNAL
3	GR	VEHICLE SPEED SIGNAL (2-PULSE)
4	R	VEHICLE SPEED SIGNAL (6-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	B	METER CONTROL SWITCH GROUND
7	SB	ENTER SWITCH SIGNAL
8	LG	SELECT SWITCH SIGNAL
9	G	ILLUMINATION CONTROL SWITCH SIGNAL (1)
10	GR	ILLUMINATION CONTROL SWITCH SIGNAL (2)
11	L	TRIP RESET SWITCH SIGNAL
12	B	GROUND
14	L	GAH-I
15	P	GAH-I
16	R	AIR BAG SIGNAL
23	B	GROUND

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	GR	-
4	R	-
5	W	-
6	G	-
9	BG	-
10	GR	-
11	LG	-
12	L	-

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

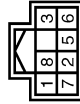
IGNITION POWER SUPPLY FUSE No. 4

Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS2PE-MZ-LC



Terminal No.	Color of Wire	Signal Name (Specification)
1	LG	-
2	R	-
3	BR	-
5	BG	-

Connector No.	M134
Connector Name	OPTION CONNECTOR
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name (Specification)
1	BG	-
2	W	-
3	L	-
5	P	-
6	B	-
7	LG	-
8	GR	-

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
POWER SUPPLY ROUTING CIRCUIT

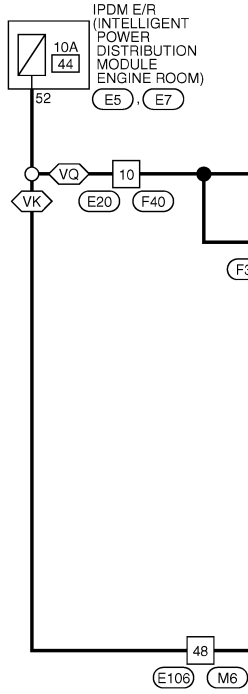
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000005987089

IGNITION POWER SUPPLY FUSE No. 44

 : With VQ engine
 : With VK engine



Connector No.	Terminal No.	Connect to
(F102)	53	ECM
(F121)	1	FUEL INJECTOR No. 1
(F122)	1	FUEL INJECTOR No. 2
(F123)	1	FUEL INJECTOR No. 3
(F124)	1	FUEL INJECTOR No. 4
(F125)	1	FUEL INJECTOR No. 5
(F126)	1	FUEL INJECTOR No. 6
(M160)	141	ECM

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

2010/02/03

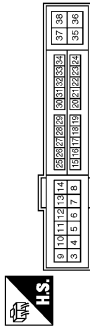
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

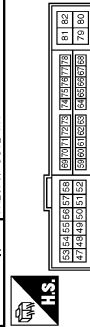
IGNITION POWER SUPPLY FUSE No. 44

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



Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	P	-
6	R	-
7	Y	-
8	L	-
10	V	-
11	B	-
12	G	-
13	GR	-
16	V	-
18	Y	-
22	BR	-
23	SB	-
24	O	-
28	LG	-
30	BR	-
31	W	-
32	L	-
34	P	-
36	GR	-

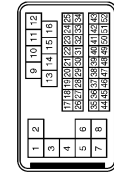
Connector No.	E7
Connector Name	IPDIA/F/INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
31	O	-

52	G	-
53	L	-
54	P	-
55	R	-
56	GR	-
57	V	-
58	BR	-
70	LG	-
71	O	-
73	G	-
74	R	-
75	Y	-
77	B	-
80	W	-

Connector No.	E20
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RSF-SHZ8



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	W	-
7	L/B	-
9	P	-
10	G	-
11	W	- [With VK engine]
11	Y	- [With VQ engine]
12	V	-
13	L	-
14	LG	- [With VK engine]
14	V	- [With VQ engine]
15	SB	-
16	GR	-
19	W	-
20	BR	-
21	G	-
22	O	-
23	L	-

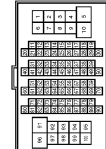
24	GR	-
25	Y	-
28	V	-
29	Y	-
30	B	-
31	LG	-
32	W	-
33	BR	-
34	O	-
37	SHIELD	-
38	G	-
39	Y	-
40	R	-
41	W	-
42	L	-
43	B	-
46	SHIELD	-
47	R	-
48	L	-
49	G	-
50	B	-
51	Y	-
52	W	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 44

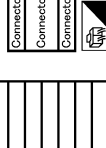
Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH00TW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	G	-
49	O	-

IGNITION POWER SUPPLY FUSE No. 44

Connector No.	F40
Connector Name	WIRE TO WIRE
Connector Type	ISA436FB-R5S-SH28



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	SHIELD	-
3	L/B	-
4	SHIELD	-
5	L/W	-
6	R	- [With VK engine]
7	W	- [With VQ engine]
7	L/B	-
8	W	-
9	R	-
10	G	-
11	G	- [With VK engine]
11	R	- [With VQ engine]
12	W	-
13	P	-
14	V	-
15	R	-
16	O	- [With VK engine]
16	Y	- [With VQ engine]
19	W	- [With VK engine]
19	L	- [With VQ engine]
20	W	-
21	G	-
22	W	-
23	L	-
24	Y	-
25	LG	-
28	R	-
29	W	-
30	B	-
31	W	-
32	LG	- [With VK engine]
32	GR	- [With VQ engine]
33	Y	- [With VK engine]

33	P	- [With VQ engine]
34	O	-
37	SHIELD	-
38	LG	- [With VK engine]
38	G	- [With VQ engine]
39	L/Y	- [With VK engine]
39	P	- [With VQ engine]
40	W/L	- [With VK engine]
40	R	- [With VQ engine]
41	O/L	- [With VK engine]
41	W	- [With VQ engine]
42	O	- [With VK engine]
42	LG	- [With VQ engine]
43	W	- [With VK engine]
43	B	- [With VQ engine]
46	SHIELD	-
47	L/G	- [With VK engine]
47	L/Y	- [With VQ engine]
48	L/Y	- [With VK engine]
48	BR	- [With VQ engine]
49	W/L	- [With VK engine]
49	O/L	- [With VQ engine]
50	O/L	- [With VK engine]
50	W/L	- [With VQ engine]
51	O	- [With VK engine]
51	SP	- [With VQ engine]
52	W	- [With VK engine]
52	O	- [With VQ engine]

Connector No.	F30
Connector Name	WIRE TO WIRE
Connector Type	RH08FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	GR	-
3	BR	-
4	Y	-

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE NO. 44

Connector No.	F102
Connector Name	ECM
Connector Type	RH40FBR-R28-L-RH-Z

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



Connector No.	F120
Connector Name	WIRE TO WIRE
Connector Type	RH08MB



Terminal No.	Color of Wire	Signal Name [Specification]
48	LG	MOTOR2-B2
50	V	MOTOR1-B2
52	R	VMOT-B2
53	G	IGN SW
54	L	ENG CAN-L1
55	Y	ENG CAN-H1
57	L	AF+1
59	L	PHASE#1
60	G	AVCC PH51-E PH51/PS
61	B/W	AF-1
63	BR	PHASE#2
64	W	AVCC PH52-E PH52/GU
65	L/O	AF-2
66	W/L	AF-2
67	Y	TAI
68	V	GND4 GA1/TA1
69	W	RNK2
71	SB	TW
72	SHIELD	GND4-RNK
73	W	RNK1
76	BR	OZSR1
77	O	GA1+
78	G	TO
79	BR	GA2+
80	L	OZSR2
81	Y	INJ#3
82	V	INJ#6
83	W	BATT TEMP
84	B/W	GND4 OZ5-TW-TO
85	BR	INJ#2
86	R	INJ#5
87	V	PSPRES
89	GR	INJ#1
90	O	INJ#4
91	G	CURSEN
92	R	GND4 PHASE#2
93	W	BATT
94	B	GND4 GA2

Connector No.	F125
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



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

Connector No.	F126
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS02FGY



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

Connector No.	F122
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS02FGY



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

Connector No.	F123
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS02FGY



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

Connector No.	F124
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY



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

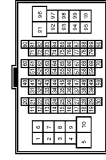
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 44

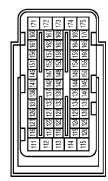
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W	-
3	SB	-
4	LG	-
5	W	-
7	BG	-
8	G	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	L	-
15	V	-
16	B	-
17	GR	-
18	V	-
20	SB	-
21	BR	-
22	L	-
23	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	BG	-
32	P	-
33	R	-
34	BG	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	BR	-
45	Y	-
46	BG	-
47	V	-
48	G	-
49	BG	-

50	W	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	L	-
65	R	-
66	P	-
67	L	-
77	B	-
78	V	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
85	Y	-
86	L	-
87	V	-
88	V	-
89	LG	-
90	BG	-
91	W	-
92	BG	-
93	G	-
94	Y	-
95	W	-
96	R	-
97	SB	-
98	R	-
99	W	-
100	L	-

Connector No.	M160
Connector Name	ECM
Connector Type	MAB55FB-MEB10-LH



Terminal No.	Color of Wire	Signal Name [Specification]
111	W	FUEL INJECTOR DRIVER POWER SUPPLY
112	W	VINJ2A
114	B	ECM GROUND
115	B	ECM GROUND

120	G	EVAP CANISTER VENT CONTROL VALVE
122	V	OVER-RIDING RELAY (RELAY OF SERIAL OVER-CORRECT MODE)
123	BG	THROTTLE CONTROL MOTOR RELAY
125	P	FUEL PUMP CONTROL MODULE (FCOM)
126	Y	ACCELERATOR PEDAL POSITION SENSOR 2
128	SB	ASC-D STEERING SWITCH
128	SB	ASC-D STEERING SWITCH
129	BR	SENSOR GROUND (WITH ICC)
129	B	SENSOR GROUND (WITHOUT ICC)
130	Y	SENSOR GROUND
131	L	SENSOR POWER SUPPLY
133	BG	SENSOR POWER SUPPLY
134	P	FUEL TEMPERATURE SENSOR
134	R	ACCELERATOR PEDAL POSITION SENSOR 1
137	G	SENSOR POWER SUPPLY
138	P	BATTERY CURRENT SENSOR
139	BG	BATTERY TEMPERATURE SENSOR
140	W	SENSOR GROUND
141	G	IGNITION SWITCH
142	GR	FUEL PUMP CONTROL MODULE (FCOM) CHECK
143	P	FUEL TANK PRESSURE SENSOR
144	LG	REFRIGERANT PRESSURE SENSOR
146	L	CAN COMMUNICATION LINE
147	BR	ASC-D BRAKE SWITCH (WITHOUT ICC)
147	BR	ASC-D BRAKE SWITCH (WITH ICC)
150	V	SENSOR GROUND
151	P	CAN COMMUNICATION LINE
153	W	POWER SUPPLY FOR ECM (BACK-UP)
158	P	STOP LAMP SWITCH
161	Y	ECM COMMUNICATION LINE
163	W	ECM RELAY (SELF SHUT-OFF)
166	BG	ECM COMMUNICATION LINE
169	V	ENGINE SPEED SIGNAL OUTPUT
171	SB	POWER SUPPLY FOR ECM
172	SB	POWER SUPPLY FOR ECM
173	R	THROTTLE CONTROL MOTOR POWER SUPPLY
174	B	ECM GROUND
175	B	ECM GROUND

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POWER SUPPLY ROUTING CIRCUIT

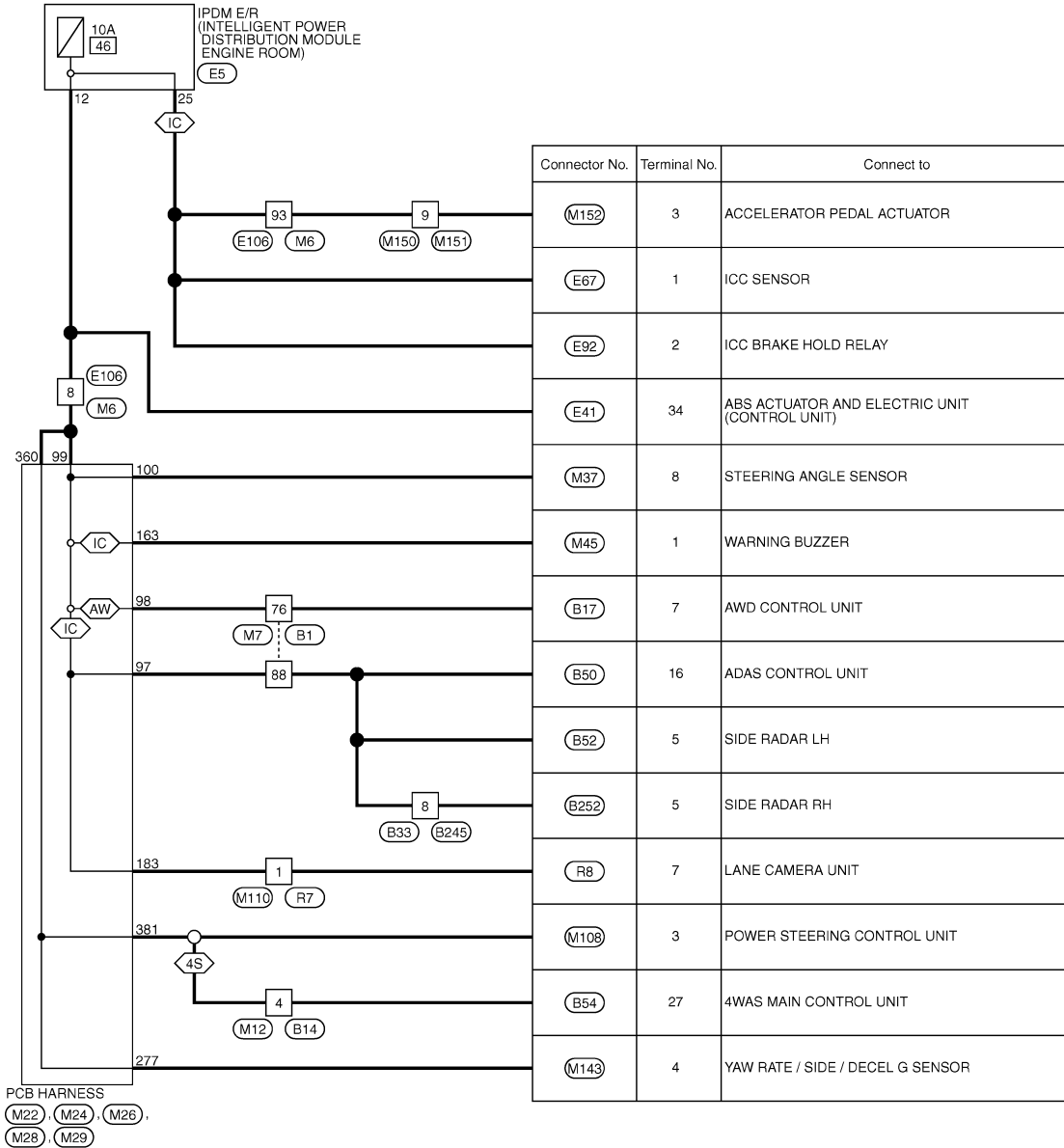
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 46 -

INFOID:000000005987090

IGNITION POWER SUPPLY FUSE No. 46

- : AWD models
- : With ICC
- : With 4WAS



2010/02/03

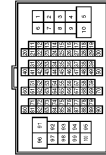
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 46

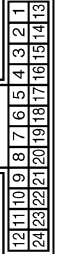
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH00PW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat] - [With heated seat]
12	P	- [With Climate controlled seat] - [With heated seat]
13	GR	-
14	R	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
29	W/L	-
30	SHIELD	-
32	L	-
33	R	-
34	L	-
35	R	-
36	G	-

37	SB	G	-
40	SHIELD	-	-
41	GR/V	-	-
42	W/L	-	-
45	W	-	-
47	O	-	-
48	Y	-	-
49	BR	-	-
50	SB	-	-
51	V	-	-
52	LG	-	-
53	G	-	-
56	P	-	-
57	BR	-	-
58	LG	-	-
59	Y	-	-
60	W	-	-
61	B	-	-
62	LG	-	-
63	BR	- [With ICC and 4WAS system] - [Without ICC and 4WAS system]	-
65	O	-	-
66	BR	-	-
67	V	-	-
68	LG	-	-
69	GR	-	-
70	R	-	-
72	L	-	-
73	P	-	-
74	L	-	-
75	P	-	-
76	Y	-	-
77	R	-	-
78	W	-	-
79	G	-	-
81	LG	-	-
82	BR	-	-
83	SB	-	-
84	Y	-	-
85	W	-	-
86	R	-	-
87	G	-	-
88	GR	-	-
91	SB	-	-
92	G	-	-
96	Y	-	-
97	O	-	-
98	SB	-	-
99	LG	-	-

Connector No.	B14
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	GR/V	-
3	W/L	-
4	R	-
5	SB	-
6	V	-
7	O	-
8	LG	-
9	L	-
10	SB	-
11	W	-
12	V	-
18	G	-
19	Y	-
20	BR	-
21	GR	-
22	O	-
23	LG	-
24	L	-

Connector No.	B17
Connector Name	AWD CONTROL UNIT
Connector Type	TH16FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	R	AWD SOL (+)
3	W	AWD SOL (-)
7	Y	OIL TEMP (-)
8	Y	IGN

8	L	CAN-H
9	SR	AWD SOL BAT
10	B/Y	GND
11	B/Y	GND
13	LG	OIL TEMP (+)
13	G	VB
16	P	CAN-L

Connector No.	B33
Connector Name	WIRE TO WIRE
Connector Type	NS16FGY-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	L	-
3	O	-
3	GR	-
9	G	-
10	P	-
11	R/L	-
12	P/L	-
13	L	-
14	Y	-

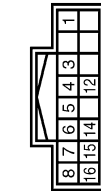
A B C D E F G H I J K L N O P

POWER SUPPLY ROUTING CIRCUIT

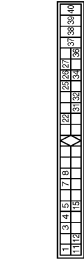
< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 46

Connector No.	B50
Connector Name	ADAS CONTROL UNIT
Connector Type	TH10FW-RH

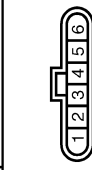


Connector No.	B54
Connector Name	4WAS MAIN CONTROL UNIT
Connector Type	A38FW-M4



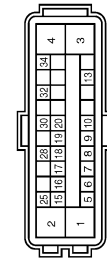
Terminal No.	10	P	-
	11	R/L	-
	12	P/L	-
	13	L	-
	14	Y	-

Connector No.	B52
Connector Name	SIDE RADAR RH
Connector Type	IAA20FB-WP



Terminal No.	16	V	-
	18	Y	-
	22	BR	-
	23	SB	-
	24	O	-
	25	LG	-
	30	BR	-
	31	W	-
	32	L	-
	34	P	-
	36	GR	-

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	SAZ30FB-SJZ4-U



Terminal No.	1	B/R	RIGHT / LEFT SWITCHING SIGNAL
	2	GND	GND
	3	Y	ITS COMM-L
	4	L	ITS COMM-H
	5	G	IGN
	6	BR	BSW/BSI INDICATOR

Connector No.	E5
Connector Name	POWER RELAY INTELLIGENT POWER DISTRIBUTION MODULE (INTELLIGENT POWER)
Connector Type	TH20FW-CS1P-M4-TV



Terminal No.	4	W	-
	5	P	-
	6	R	-
	7	Y	-
	8	L	-
	10	V	-
	11	B	-
	12	G	-
	13	GR	-

Terminal No.	1	L	CAN-H
	4	R	RR-ANG SEN SIG (MAIN)
	5	V	RR-ANG SEN SIG PWR SUPPLY
	7	LG	RR-ANG SEN SIG (SUB)
	8	P	CAN-L
	15	W	RR-ANG SEN GND
	22	P	STOP LAMP SW
	27	R	RR-MTR RELAY
	31	W/L	4WAS COMMUNICATION-H
	32	GR/V	4WAS COMMUNICATION-L
	34	B/Y	GND
	36	SB	EPS SOL
	37	L	RR-MTR PWR SUPPLY
	38	R	RR-MTR (GND)
	39	P	RR-MTR (LH)
	40	B/Y	RR-MTR GND

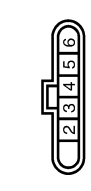
Connector No.	B245
Connector Name	WIRE TO WIRE
Connector Type	INST8MGY-CS



Terminal No.	1	P	-
	2	O	-
	3	Y	-
	8	G	-
	9	V	-

Terminal No.	1	Y	WARNING SYSTEMS SW
	3	BR	IBA OFF SW
	4	O	WARNING SYSTEMS ON IND
	5	SB	BRAKE HOLD RLY DRIVE SIGNAL
	6	B/R	GND
	7	L	ITS COMM-H
	8	P	ITS COMM-L
	12	W	WARNING BUZZER
	14	L	CAN-H
	15	R	CAN-L
	16	GR	IGNITION

Connector No.	B52
Connector Name	SIDE RADAR LH
Connector Type	IAA20FB-WP-3P



Terminal No.	2	B/Y	GND
	3	Y	ITS COMM-L
	4	L	ITS COMM-H
	5	GR	IGN
	6	BR	BSW/BSI INDICATOR

Terminal No.	1	B/W	EQU(GND)
	2	B	MOTOR(GND)
	3	Y	SOLENOID(POWER)
	4	G	MOTOR(POWER)
	5	SB	STOP LAMP SW
	6	Y	CANM2(-)
	7	W	R-LH SEN(SIGNAL)
	8	G	R-RH SEN(SIGNAL)
	9	BR	F-RH SEN(SIGNAL)
	10	B	F-LH SEN(SIGNAL)
	13	LG	VAC SEN(SIGNAL)
	15	P	CAN-L
	16	B	CANM2(+)
	17	Y	R-RH SEN(SIGNAL)
	18	BR	R-RH SEN(SIGNAL)
	19	SB	F-LH SEN(SIGNAL)
	20	O	F-LH SEN(POWER)
	25	L	CAN-H
	28	V	VAC SEN(POWER)
	30	R	VDC OFF SW
	32	SHIELD	VAC SEN(GND)
	34	G	IGN(POWER)

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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IGNITION POWER SUPPLY FUSE No. 46

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



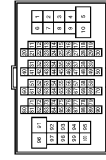
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGNITION
3	L	ITS COMM-H
4	B/Y	GND
6	Y	ITS COMM-L

Connector No.	E92
ICC BRAKE HOLD RELAY	
Connector Name	MS22FL-M2-LC
Connector Type	



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	LG	
3	V	
5	W	

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



81	R	-
82	SR	-
83	GR	-
84	Y	-
85	Y	-
86	L	-
87	V	-
88	BR	-
89	LG	-
90	W	-
91	W	-
92	P	-
93	LG	-
94	BR	-
95	W	-
96	R	-
97	R	-
98	Y	-
99	V	-
100	V	-

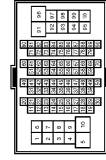
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	W	-
3	SB	-
4	LG	-
5	O	-
7	GR	-
8	G	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	GR	-
14	GR	-
15	V	-
16	Y	-
17	GR	-
18	V	-
20	BR	-
21	P	-
22	L	-
23	P	-
27	SHIELD	-
28	L/O	-
29	W/L	-
31	BR	-
32	G	-
33	O	-
34	Y	-
40	BR	-
41	BR	-
42	L	-
43	P	-
44	W	-
45	L	-
46	GR	-
47	V	-
48	G	-
49	O	-
50	LG	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	B	-
65	Y	-
66	P	-
69	SB	-
77	O	-
78	SB	-
80	G	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 46

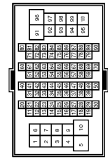
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	
2	W	
3	SB	
4	LG	
5	W	
7	BG	
8	G	
9	Y	
10	W	
11	R	
12	V	
13	LG	
14	L	
15	V	
16	B	
17	GR	
18	V	
20	SB	
21	BR	
22	L	
23	P	
27	SHIELD	
28	V	
29	SB	
31	BG	
32	P	
33	R	
34	BG	
40	BR	
41	BR	
42	L	
43	P	
44	BR	
45	Y	
46	BG	
47	V	
48	G	
49	BG	

50	W	
60	GR	
61	B	
62	LG	
63	BR	
64	L	
65	R	
66	P	
67	L	
77	B	
78	V	
80	G	
81	L	
82	B	
83	BG	
84	SB	
85	Y	
86	L	
87	V	
88	V	
89	LG	
90	BG	
91	W	
92	BG	
93	G	
94	Y	
95	W	
96	R	
97	SB	
98	R	
99	W	
100	L	

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	Y	
4	BR	
5	P	

6	W	
7	G	
8	Y	
9	G	
10	V	
11	V	- [With Climate controlled seat]
12	L	- [With Heater seat]
13	GR	- [With Climate controlled seat]
14	BR	- [With Heater seat]
15	BG	
16	V	
17	BG	- [With ICC]
17	B	- [Without ICC]
18	L	
19	W	
20	R	
21	B	
22	LG	
23	W	
24	V	
25	G	
26	BR	
27	SB	
28	P	
29	L	
30	SHIELD	
32	L	
33	P	
34	L	
35	P	
36	BG	
37	SB	
40	SHIELD	
41	SB	
42	V	
45	W	
47	L	
48	LG	
49	BR	
50	V	
51	V	
52	P	
53	BG	
56	SB	
57	P	
58	LG	
59	Y	
60	GR	
61	B	
62	LG	

63	BR
65	W
66	R
67	V
68	LG
69	SB
70	V
72	L
73	P
74	L
75	P
76	G
77	Y
78	SB
79	W
81	LG
82	BR
83	BG
84	B
85	W
86	G
87	R
88	G
91	W
92	G
96	W
97	BG
98	Y
99	LG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

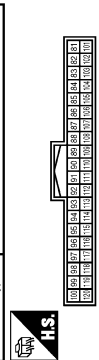
IGNITION POWER SUPPLY FUSE No. 46

Connector No.	M12
Connector Name	WIRE TO WIRE
Connector Type	TH4MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	L	-
4	G	-
5	LG	-
6	V	-
7	BG	-
8	V	-
9	L	-
10	Y	-
11	V	-
12	V	-
13	V	-
14	V	-
15	V	-
16	BR	-
17	GR	-
18	BG	-
19	GR	-
20	BR	-
21	GR	-
22	BG	-
23	GR	-
24	G	-

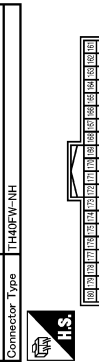
Connector No.	M22
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
85	B	-
86	B	-
87	B	-
88	B	-
89	V	-
91	V	-
92	V	-
93	B	-
94	B	-
95	LG	-
96	BR	-
97	G	-
98	G	-
99	G	-
100	G	-
101	L	-
102	P	-
103	B	-
104	BR	-
105	R	-
107	Y	-
108	Y	-
109	BR	-
110	Y	-
112	V	-
113	P	-
114	L	-
116	B	-
117	B	-
117	BG	- [With VK engine]
118	B	-
119	G	-
120	V	-

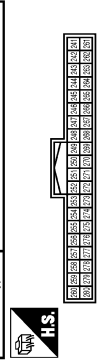
Connector No.	M24
Connector Name	PCB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
161	BG	-
162	BG	-
163	G	-

Terminal No.	Color of Wire	Signal Name [Specification]
164	V	-
165	V	-
166	R	-
167	LG	-
168	R	-
169	R	-
170	B	-
172	B	-
174	W	-
175	B	-
176	L	-
177	P	-
178	Y	-
179	L	-
180	LG	-
182	BR	-
183	G	-
184	V	-
185	P	-
185	V	- [With BOSE system]
185	V	- [Without BOSE system]
186	R	-
187	L	-
188	Y	-
189	B	-
190	V	-
191	G	-
192	B	-
193	SB	-
194	BR	-
195	R	-
199	B	-
200	SB	-

Connector No.	M26
Connector Name	PCB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
241	L	-
243	R	-
244	L	-
245	B	-

Terminal No.	Color of Wire	Signal Name [Specification]
246	B	-
247	LG	- [With Climate controlled seat]
247	B	- [With heated seat]
248	SHIELD	-
249	SHIELD	-
250	P	-
253	B	- [With Climate controlled seat]
253	B	- [With heated seat]
254	W	- [With Climate controlled seat]
254	B	- [With heated seat]
255	B	-
256	SHIELD	-
257	SHIELD	-
258	R	-
259	L	-
260	BG	-
261	P	-
269	GR	-
270	Y	-
271	BR	-
272	G	-
273	R	-
274	R	-
275	Y	-
276	B	-
277	G	-
278	B	-
278	SB	-
279	R	- [With Climate controlled seat]
279	R	- [With heated seat]
280	Y	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY FUSE No. 46

Connector No.	M28
Connector Name	POB HARNESS
Connector Type	TH00FW-NH



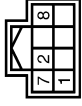
Terminal No.	Color of Wire	Signal Name [Specification]
321	V	-
322	V	-
324	B	-
325	L	-
326	L	-
327	P	-
328	P	-
330	B	-
331	V	-
332	V	-
335	B	-
337	W	-
338	W	-
342	L	-
344	B	-
345	Y	-
346	L	-
347	P	-
348	GR	-
349	V	-
350	LG	-
351	P	-
352	R	-
353	P	-
358	W	-
359	W	-
360	G	-

Connector No.	M29
Connector Name	POB HARNESS
Connector Type	TH00FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
361	W	-
362	W	-
363	Y	-
366	B	-
367	B	-
368	G	-
373	BR	-
374	BG	-
375	BG	-
376	V	-
377	V	-
378	B	-
379	R	-
380	R	-
381	G	-
382	V	-
383	GR	-
384	GR	-
385	P	-
386	L	-
387	R	-
388	L	-
389	L	-
400	V	-

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH00FW-NH



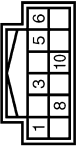
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	GAN-H
2	P	GAN-L
7	B	GND
8	G	IGN

Connector No.	M45
Connector Name	WARNING BUZZER
Connector Type	INS04FB-CS



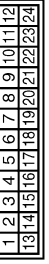
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	W	-
3	B	-

Connector No.	M108
Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH12PW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	EPS SOL+
3	G	IGN
5	B	EPS SOL-
6	B	GND
8	GR	VEHICLE SPEED (2P)
10	V	ENG TACHO

Connector No.	M110
Connector Name	WIRE TO WIRE
Connector Type	TH2MMH-NH



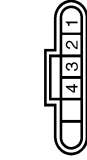
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
7	BR	-
8	R	-
9	B	-
13	L	-
14	B	-
15	LG	-
18	Y	-
17	W	-
18	R	-
19	B	-
20	V	-
21	R	-
22	G	-
23	L	-
24	LG	-

POWER SUPPLY ROUTING CIRCUIT

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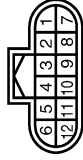
IGNITION POWER SUPPLY FUSE No. 46

Connector No.	M143
Connector Name	YAW RATE / SIBE / DECEL G SENSOR
Connector Type	SAE20FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	R	BUS-L
3	L	BUS-H
4	G	12V

Connector No.	M150
Connector Name	WIRE TO WIRE
Connector Type	RH12FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BR	-
3	R	-
4	L	-
5	W	-
6	G	-
7	BG	-
8	LG	-
9	G	-
10	Y	-
11	L	-
12	SHIELD	-

Connector No.	M151
Connector Name	WIRE TO WIRE
Connector Type	RH12MB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-
3	R	-
4	L	-
5	W	-
6	G	-
7	O	-
8	B	-
9	R	-
10	Y	-
11	L	-
12	SHIELD	-

Connector No.	M152
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	RH06FLGY



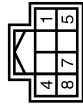
Terminal No.	Color of Wire	Signal Name [Specification]
1	O	BATTERY
2	B	GND
3	R	IGNITION
4	Y	ITS COMM-L
5	L	ITS COMM-H

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
3	W	-
4	R	-
5	R	-
6	P	-
7	B	-
8	B	-
9	B	-
10	L	-
11	L	-
12	LG	-
13	L	-
14	L	-
15	LG	-
16	Y	-
17	W	-
18	B	-
19	B	-
20	R	-
21	R	-
22	G	-
23	L	-
24	LG	-

Connector No.	FR8
Connector Name	LANE CAMERA UNIT
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
4	L	ITS COMM-H
5	B	GND

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OPTION HARNESS

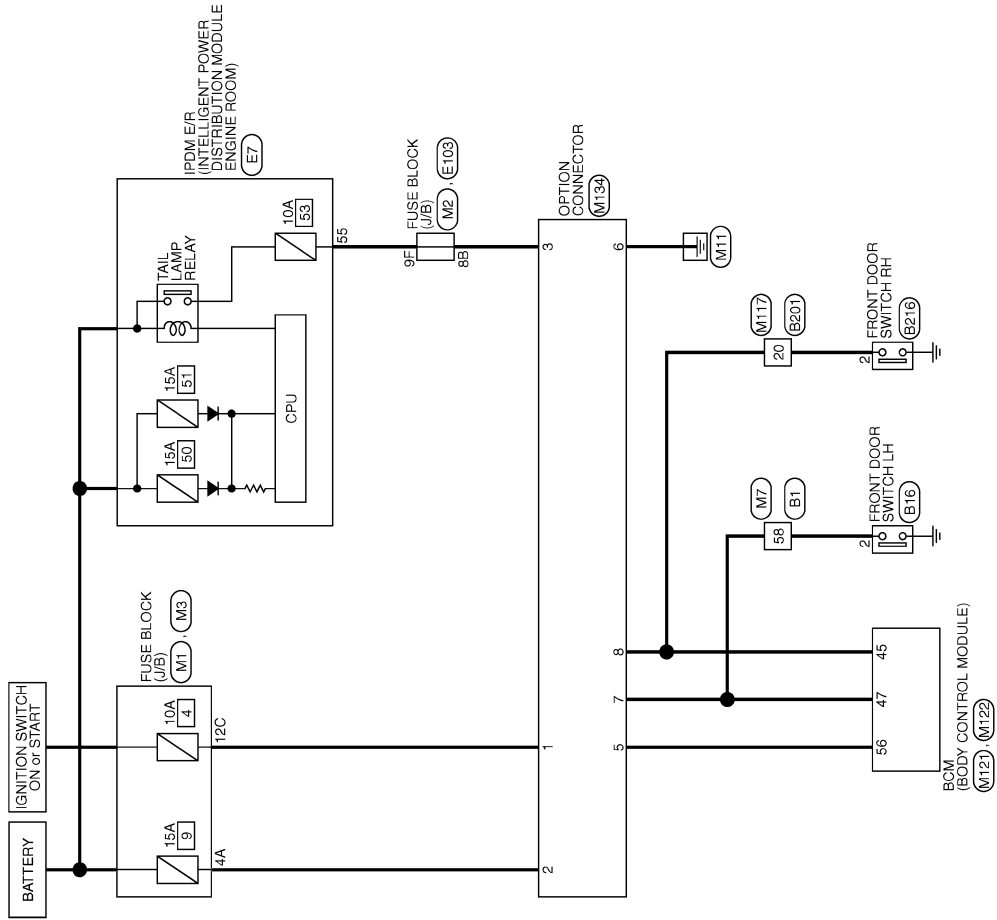
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Wiring Diagram

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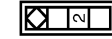
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	GR	-
8	Y	-
9	LG	-
10	V	-
11	GR	- [With Climate controlled seat] - [With heated seat]
12	P	- [With Climate controlled seat] - [With heated seat]
13	BR	-
14	R	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	Y	-
25	G	-
26	GR	-
27	SB	-
28	P	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
29	L	- [With Pre-crash seat belt system] - [Without Pre-crash seat belt system]
30	SHIELD	-
32	R	-
33	L	-
34	R	-
35	R	-
36	G	-

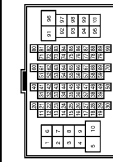
37	SB	SHIELD
40	GR/V	GR/V
41	W/L	W/L
42	W	W
45	O	O
47	Y	Y
48	BR	BR
49	SB	SB
50	V	V
51	LG	LG
52	G	G
53	P	P
56	BR	BR
57	LG	LG
58	Y	Y
59	W	W
60	W	W
61	B	B
62	LG	LG
63	BR	- [With ICC and 4WAS system] - [Without ICC and 4WAS system]
63	V	V
65	O	O
66	BR	BR
67	V	V
68	LG	LG
69	GR	GR
70	R	R
72	L	L
73	P	P
74	L	L
75	P	P
76	Y	Y
77	R	R
78	W	W
79	G	G
81	LG	LG
82	BR	BR
83	SB	SB
84	Y	Y
85	W	W
86	R	R
87	G	G
88	GR	GR
91	SB	SB
92	G	G
96	Y	Y
97	O	O
98	SB	SB
99	LG	LG

Connector No.	B16
Connector Name	FRONT DOOR SWITCH LH
Connector Type	AG3RW



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	R	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	GR	-
23	R	-
24	V	-
25	B	-
26	W	-
27	O	-
28	V	-
29	P	-
30	O	-
31	B/R	-
32	Y	-
40	SHIELD	-
41	W/R	-
42	V	-
44	P	-

45	SB	-
46	R	- [With Climate controlled seat]
46	Y	- [With heated seat]
47	G	- [With Climate controlled seat]
47	GR	- [With heated seat]
48	V	-
49	O	-
50	R	-
51	GR	-
52	LG	-
53	P	-
56	P	-
57	W	-
58	O	-
59	Y	-
61	SB	-
62	L	-
63	W	-
65	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	P	-
80	G	-
81	P	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	W	-
87	O	-
88	Y	-
89	BR	-
90	L	-
91	BR	-
93	Y	- [With Climate controlled seat] - [With heated seat]
93	O	-
94	GR	-
96	W	-
97	P	-
98	LG	-
99	LG	-
100	Y	-

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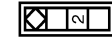
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OPTION HARNESS

< WIRING DIAGRAM >

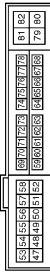
OPTION HARNESS

Connector No.	E21.6
Connector Name	FRONT DOOR SWITCH RH
Connector Type	A03FW



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

Connector No.	E7
Connector Name	FRONT INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH00FW-CS12-M4



Terminal No.	Color of Wire	Signal Name [Specification]
49	BR	-
51	O	-
52	G	-
53	L	-
54	P	-
55	R	-
56	GR	-
57	V	-
58	BR	-
70	LG	-
71	O	-
73	G	-
74	R	-
75	Y	-
77	B	-
80	W	-

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	O	-
8F	W	-
9F	R	-
12F	Y	-

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



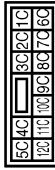
Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1B	B	-
3B	P	-
4B	G	-
5B	SB	-
6B	Y	-
7B	P	-
8B	R	-
9B	R	-

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



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

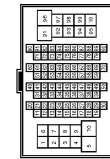
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OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH8DMW-CST6-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	Y	-
4	BR	-
5	P	-
6	W	-
7	G	-
8	Y	-
9	G	-
10	V	-
11	L	- [With Climate controlled seat] - [With heated seat]
12	B	- [With Climate controlled seat] - [With heated seat]
13	GR	-
14	GR	-
15	BG	-
16	V	-
17	BG	- [With ICC] - [Without ICC]
18	L	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	W	-
24	V	-
25	G	-
26	BR	-
27	SB	-
28	P	-
29	L	-
30	SHIELD	-
32	P	-
33	P	-
34	L	-
35	L	-
36	BG	-
37	SB	-

40	SHIELD	-
41	SB	-
42	V	-
43	W	-
47	L	-
48	LG	-
49	BR	-
50	V	-
51	V	-
52	P	-
53	BG	-
56	SB	-
57	P	-
58	LG	-
59	Y	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
72	L	-
73	P	-
74	P	-
75	P	-
76	G	-
77	Y	-
78	SB	-
79	W	-
81	LG	-
82	BR	-
83	BG	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
92	G	-
96	W	-
97	BG	-
98	Y	-
99	LG	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CST6-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
17	GR	-
18	P	-
19	BR	-
20	GR	-
21	Y	-
22	LG	-
23	R	-
24	BG	-
25	LG	-
26	W	-
27	R	-
28	V	-
29	P	-
30	B	-
31	G	-
32	Y	-
40	SHIELD	-
41	R	-
42	V	-
44	W	-
45	SB	-
46	L	- [With Climate controlled seat] - [With heated seat]
47	G	- [With Climate controlled seat] - [With heated seat]
47	GR	-
48	V	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	W	-
56	B	-
57	G	-
58	R	-
59	W	-
61	LG	-
62	V	-

63	R	-
66	L	-
67	Y	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
93	W	-
93	G	-
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

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OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FW-FHA6-SA



41	42	43	44	45	46	47	48	49
50	51	52	53	54	55			

Terminal No.	Color of Wire	Signal Name (Specification)
41	W	TR KEY CYLINDER SW
42	R	TR ROOM LAMP SW
44	V	TR LID OP CANCEL SW
45	GR	PASSENGER DOOR SW
46	BR	REAR RH DOOR SW
47	LG	DRIVER DOOR SW
48	P	REAR LH DOOR SW
49	SB	TR ROOM LAMP CONT
51	BG	TR LID OPEN REQ SW
53	LG	TR LID OPEN OUTPUT
55	BR	RR DOOR UNLK OUTPUT

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FW-FHA6-SA



56	57	58	59	60	61	62	63	64
65	66	67	68	69	70			

Terminal No.	Color of Wire	Signal Name (Specification)
56	R	INT ROOM LAMP PWR SPLY
57	R	BAT (FUSE)
58	L	AIR BAG
59	G	PASS DOOR UNLK OUTPUT
60	G	TURN SIG LH OUTPUT
61	V	TURN SIG RH OUTPUT
62	V	STEP LAMP CONT
63	L	ROOM LAMP TIMER CONT
65	V	ALL DOOR FL LID LOCK OUTPUT
66	LG	DR DOOR FL LID UNLK OUTPUT
67	B	GND

68	BG	PW PWR SPLY (IGN)
69	Y	PW PWR SPLY (BAT)
70	W	BAT (F/L)

Connector No.	M134
Connector Name	OPTION CONNECTOR
Connector Type	TH08FW-NH



1	2	3	
7	2	15	6

Terminal No.	Color of Wire	Signal Name (Specification)
1	BG	
2	W	
3	L	
5	P	
6	B	
7	LG	
8	GR	

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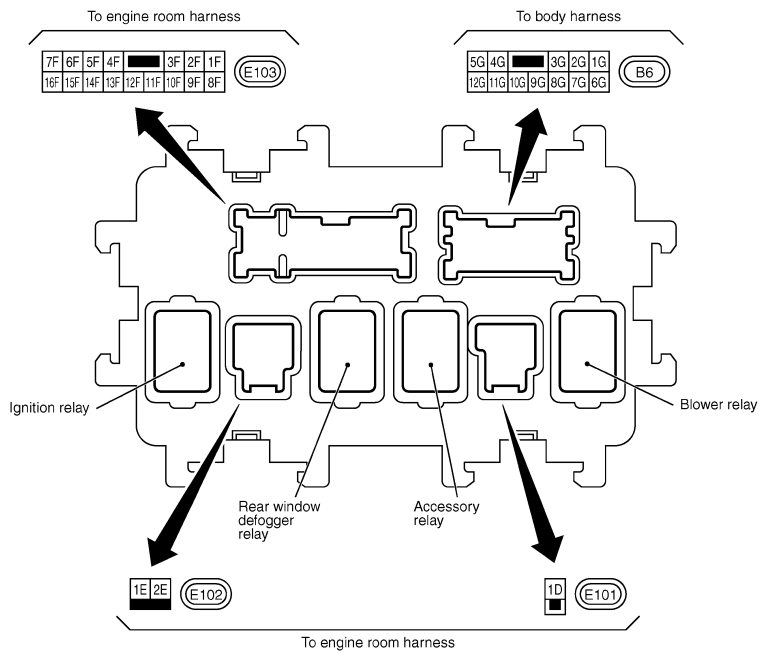
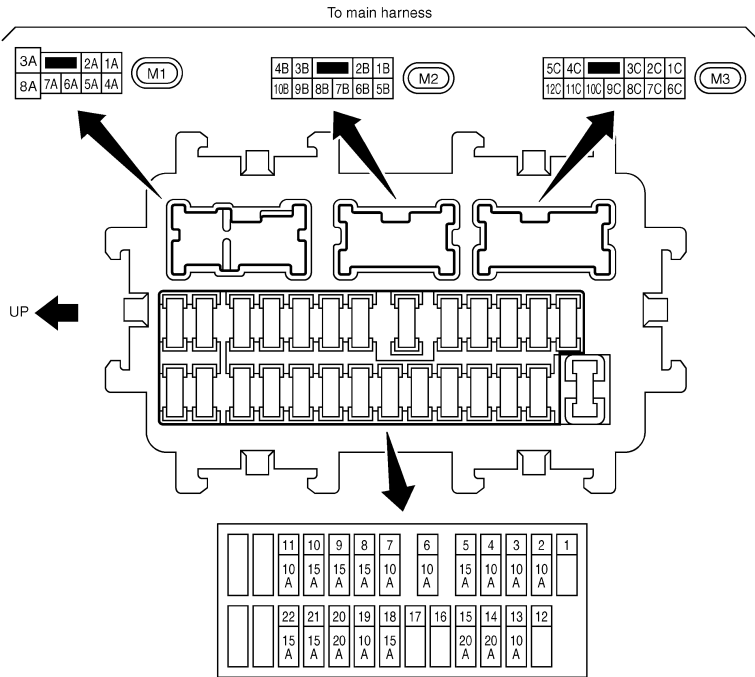
FUSE BLOCK - JUNCTION BOX (J/B)

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FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

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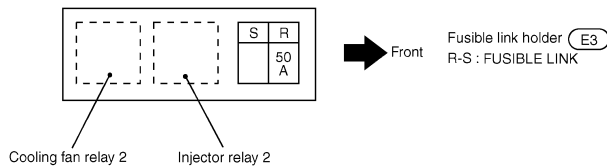
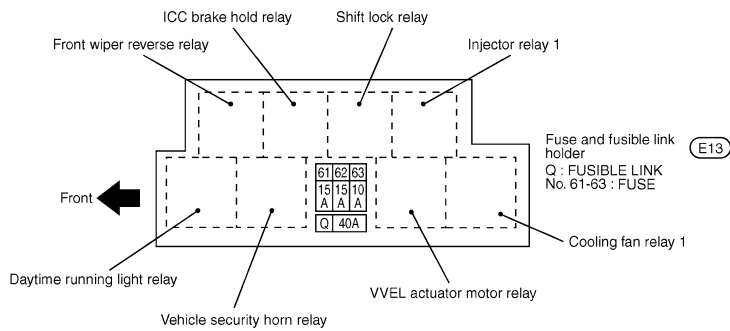
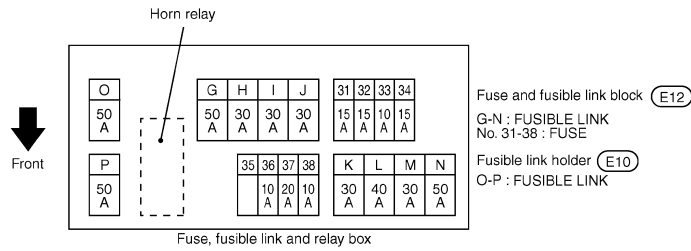
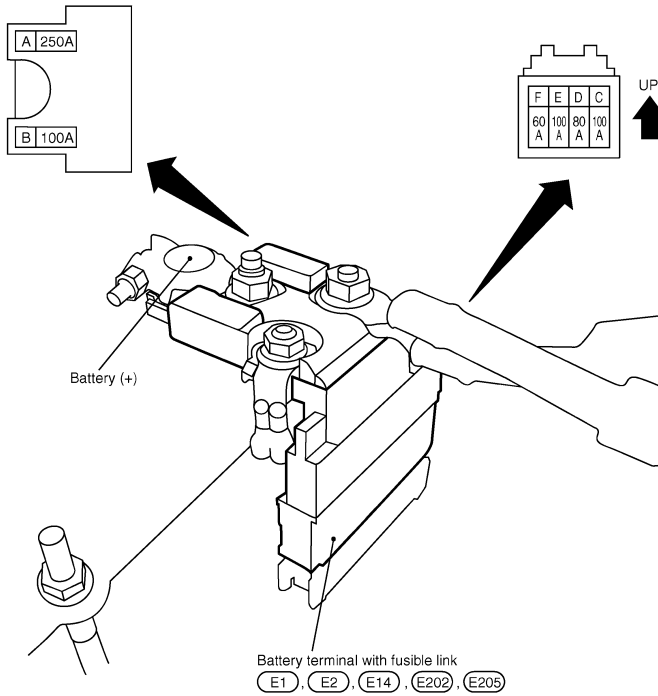
FUSE, FUSIBLE LINK AND RELAY BOX

< WIRING DIAGRAM >

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000005987110



2010/02/03

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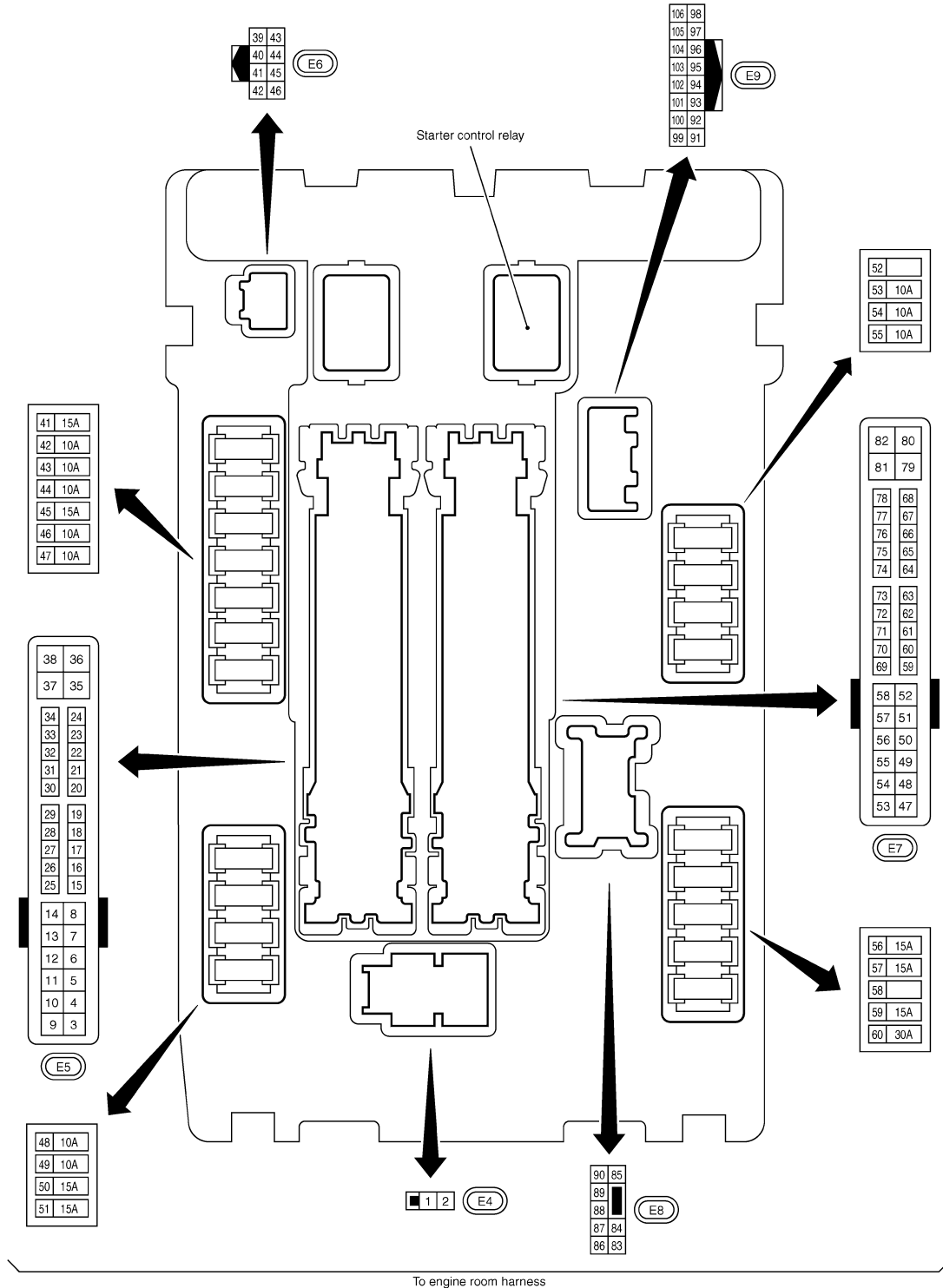
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

< WIRING DIAGRAM >

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

Fuse, Connector and Terminal Arrangement

INFOID:000000005987111



2010/02/03

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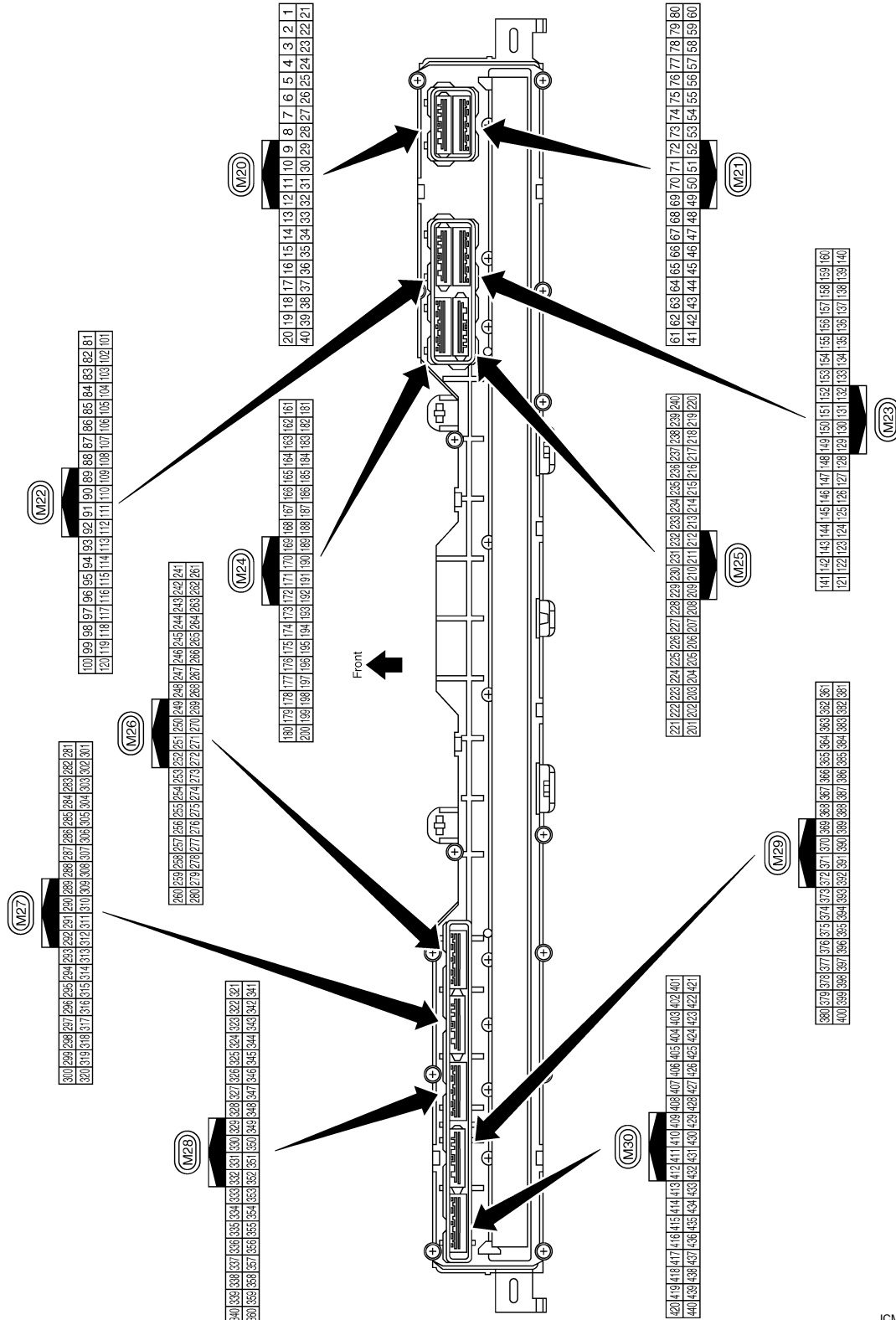
PCB HARNESS

< WIRING DIAGRAM >

PCB HARNESS

Connector and Terminal Arrangement

INFOID:000000006056704



HARNESS LAYOUT

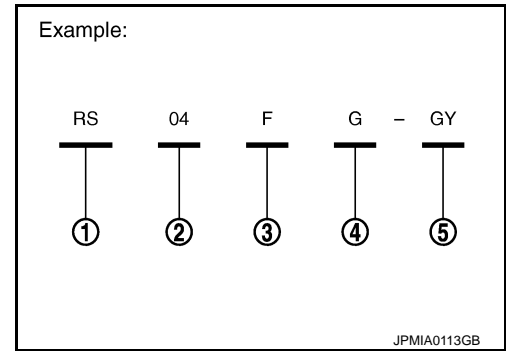
< WIRING DIAGRAM >

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000005987112

- 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.	—			

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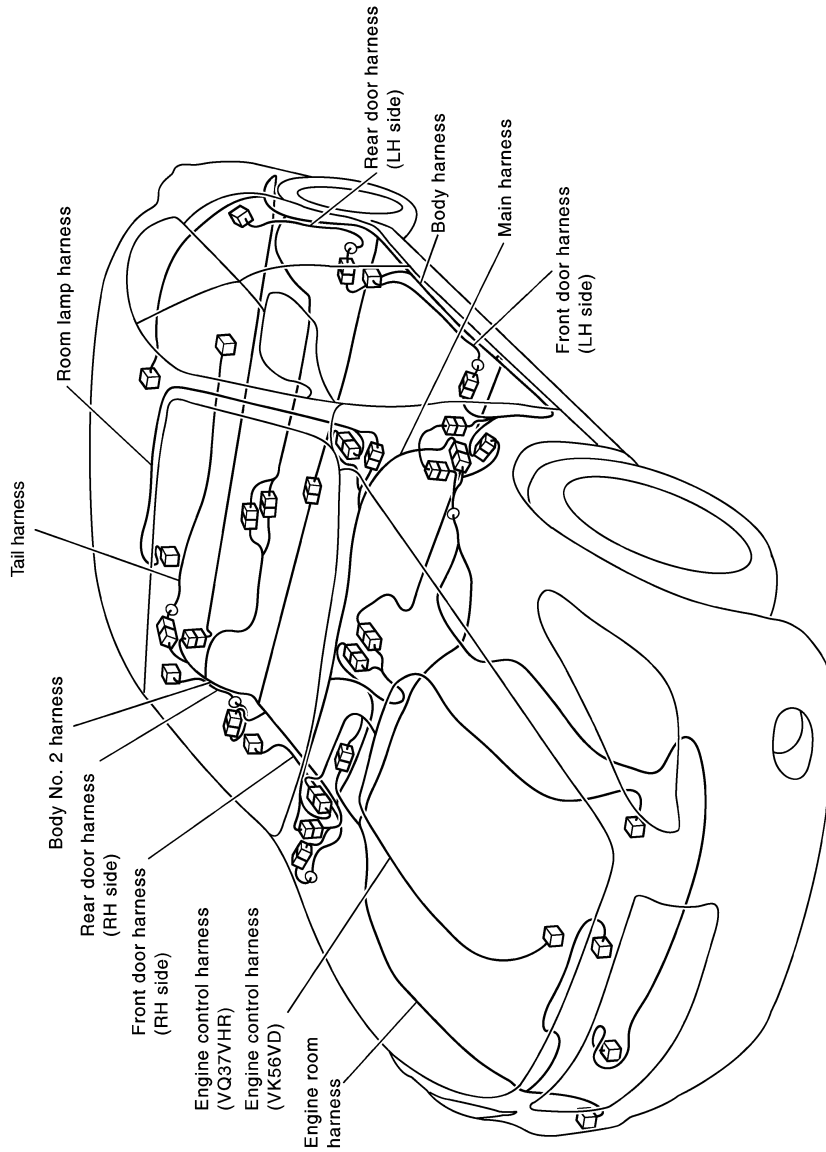
HARNESS LAYOUT

< WIRING DIAGRAM >

Outline

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OUTLINE



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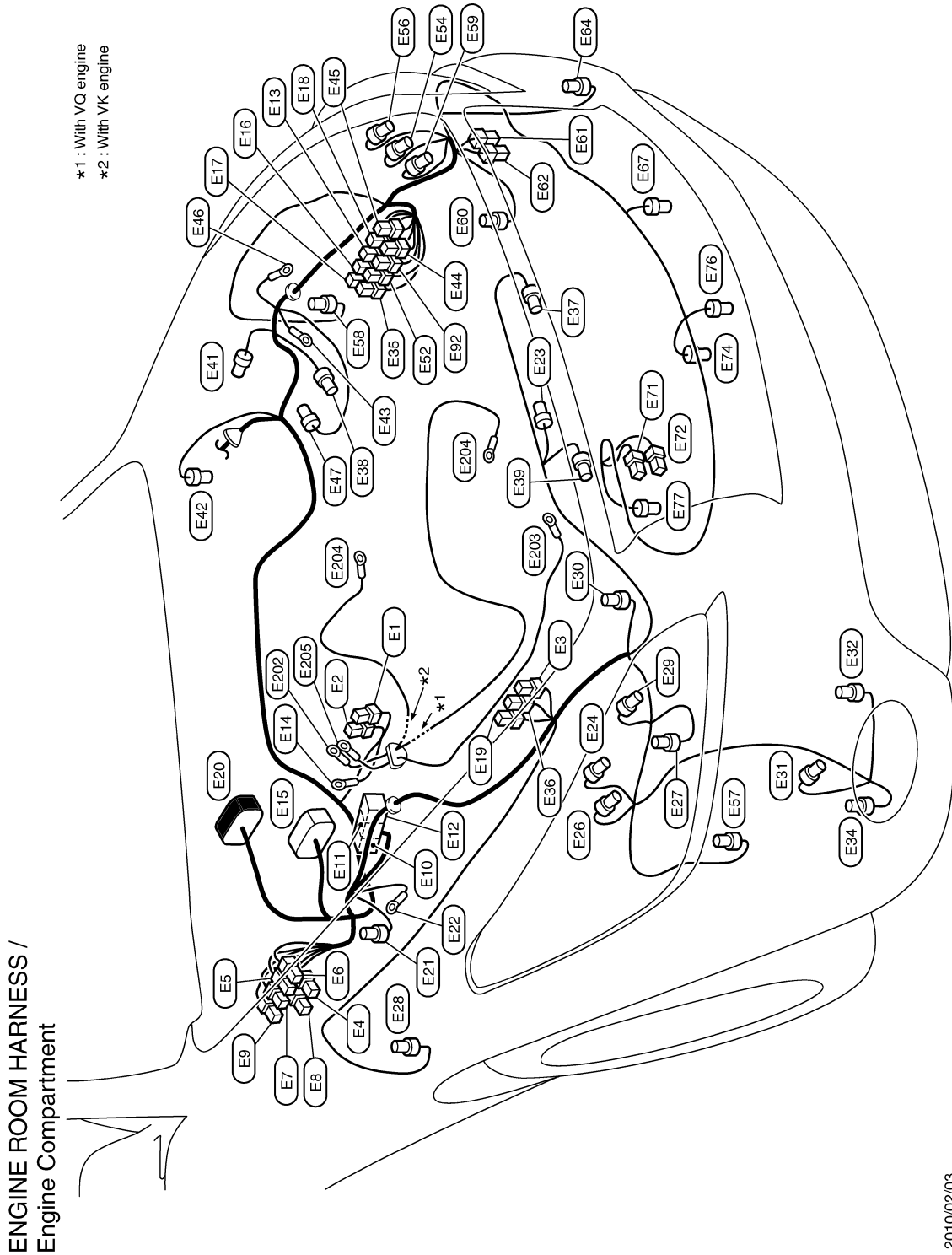
HARNES LAYOUT

< WIRING DIAGRAM >

Engine Room Harness

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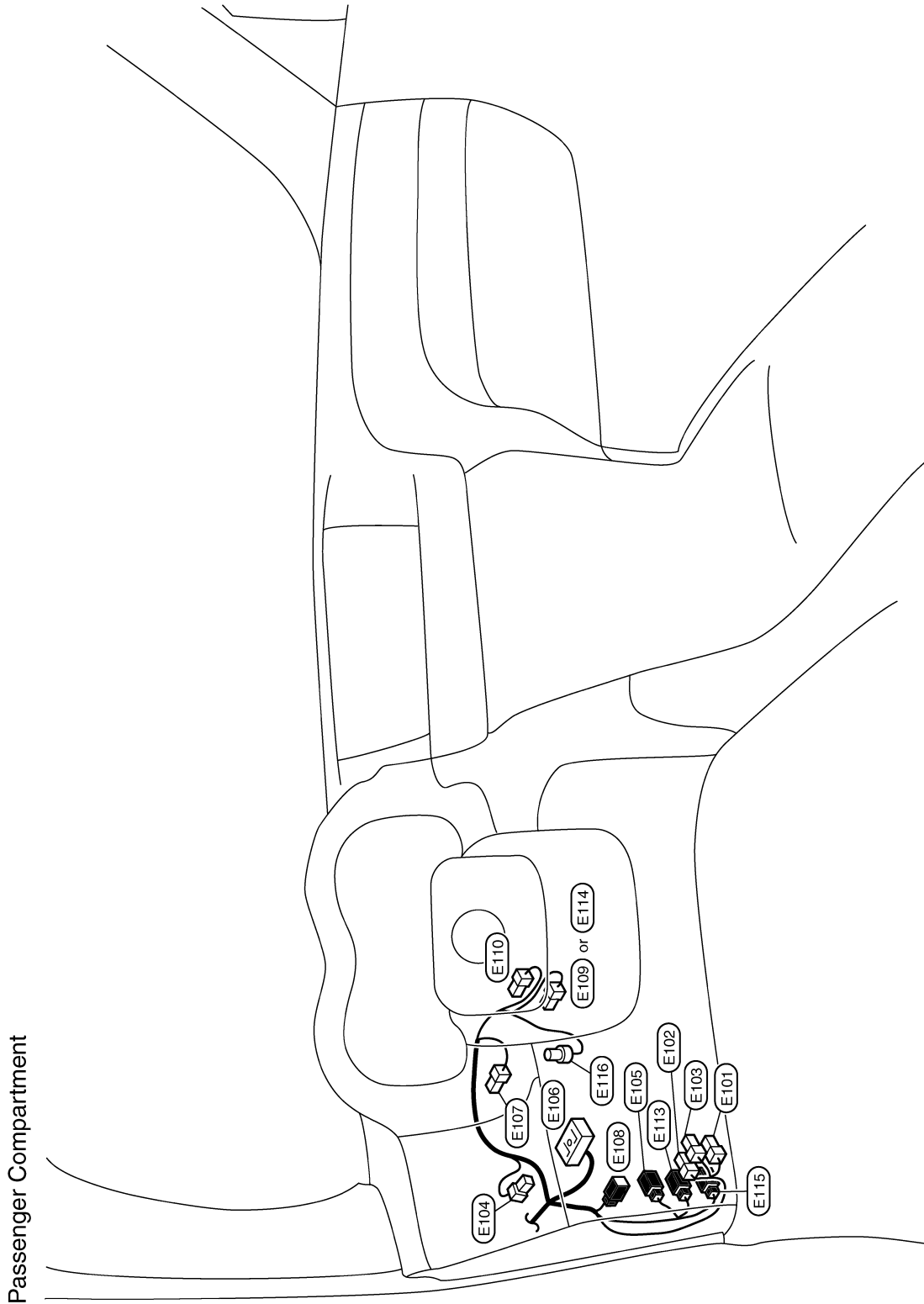
ENGINE COMPARTMENT



HARNES LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT



Passenger Compartment

2010/02/03

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Engine Control Harness

VQ37VHR

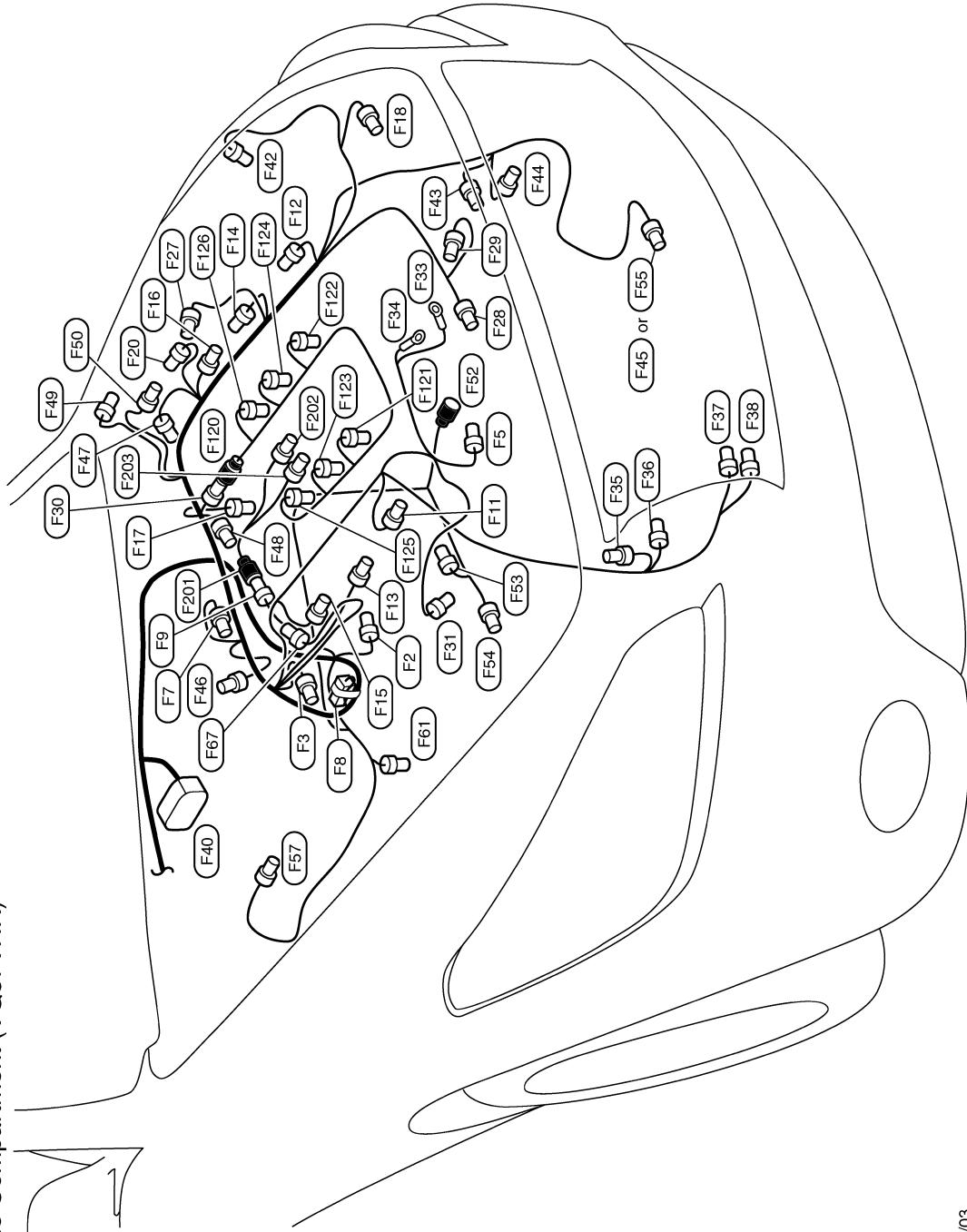
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HARNES LAYOUT

< WIRING DIAGRAM >

Engine Compartment

ENGINE CONTROL HARNESS /
Engine Compartment (VQ37VHR)



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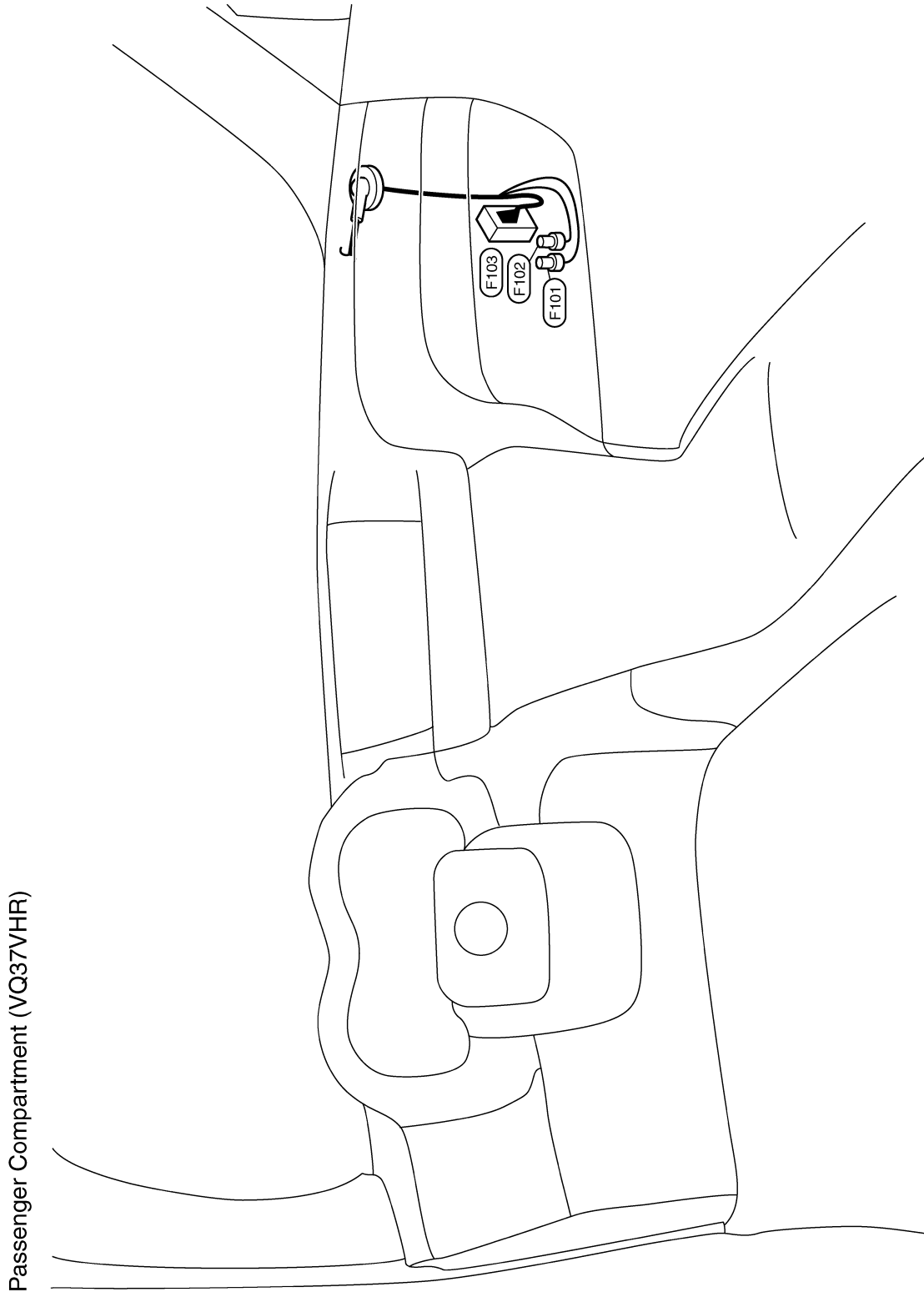
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HARNES LAYOUT

< WIRING DIAGRAM >

Passenger Compartment



Passenger Compartment (VQ37VHR)

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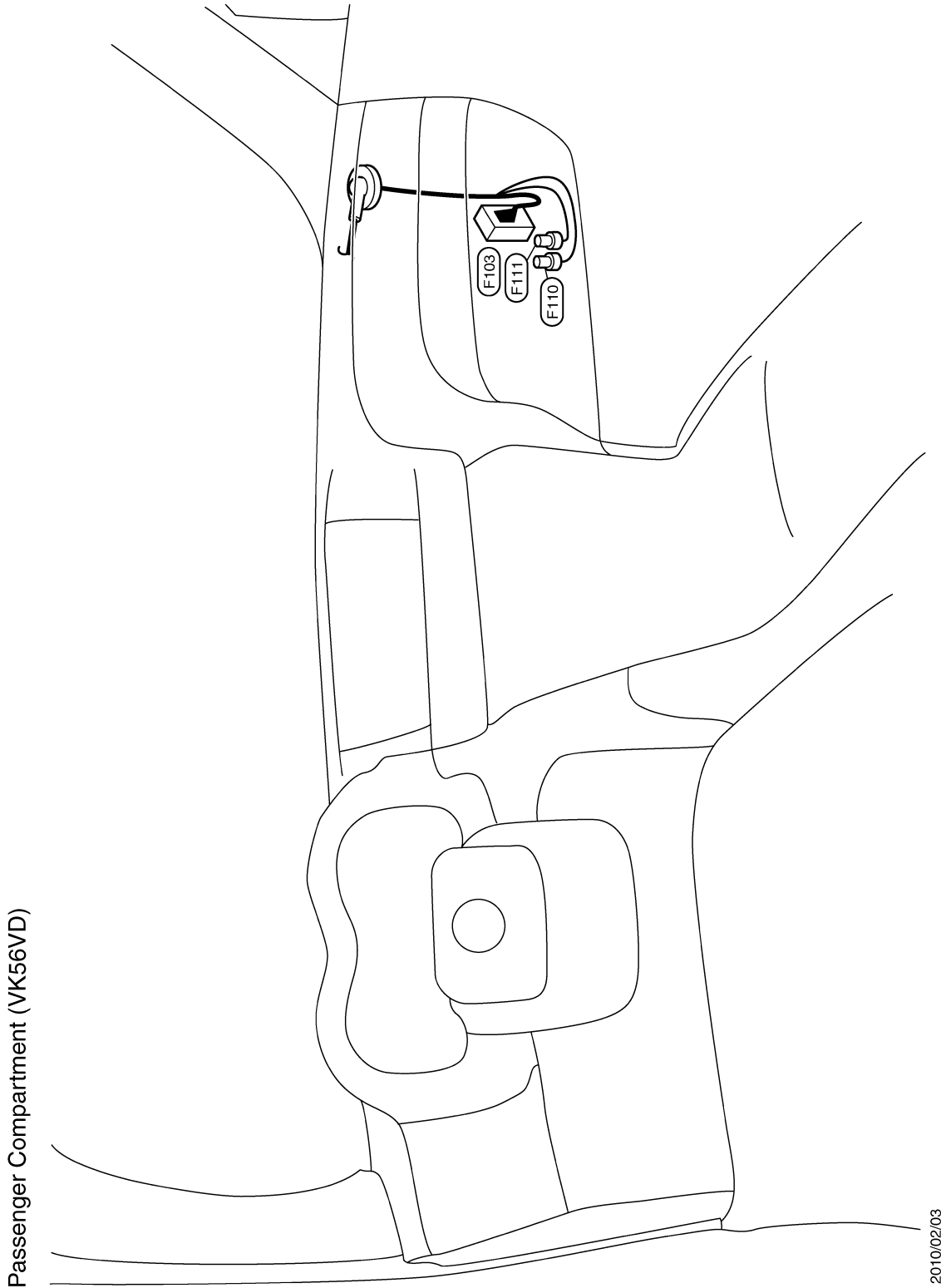
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VK56VD

HARNES LAYOUT

< WIRING DIAGRAM >

Passenger Compartment



Passenger Compartment (VK56VD)

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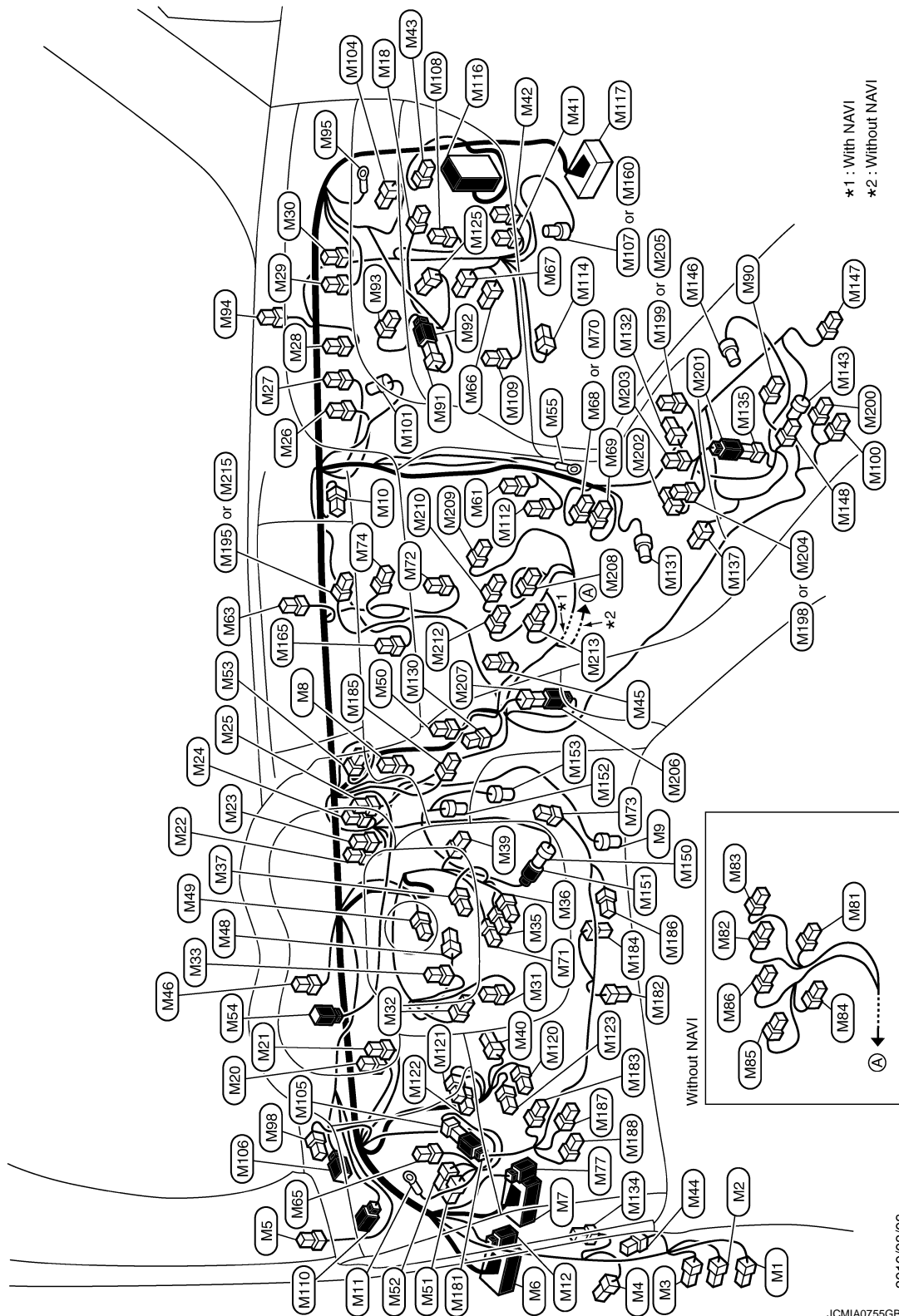
HARNES LAYOUT

< WIRING DIAGRAM >

Main Harness

INFOID:000000005987114

MAIN HARNESS



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HARNES LAYOUT

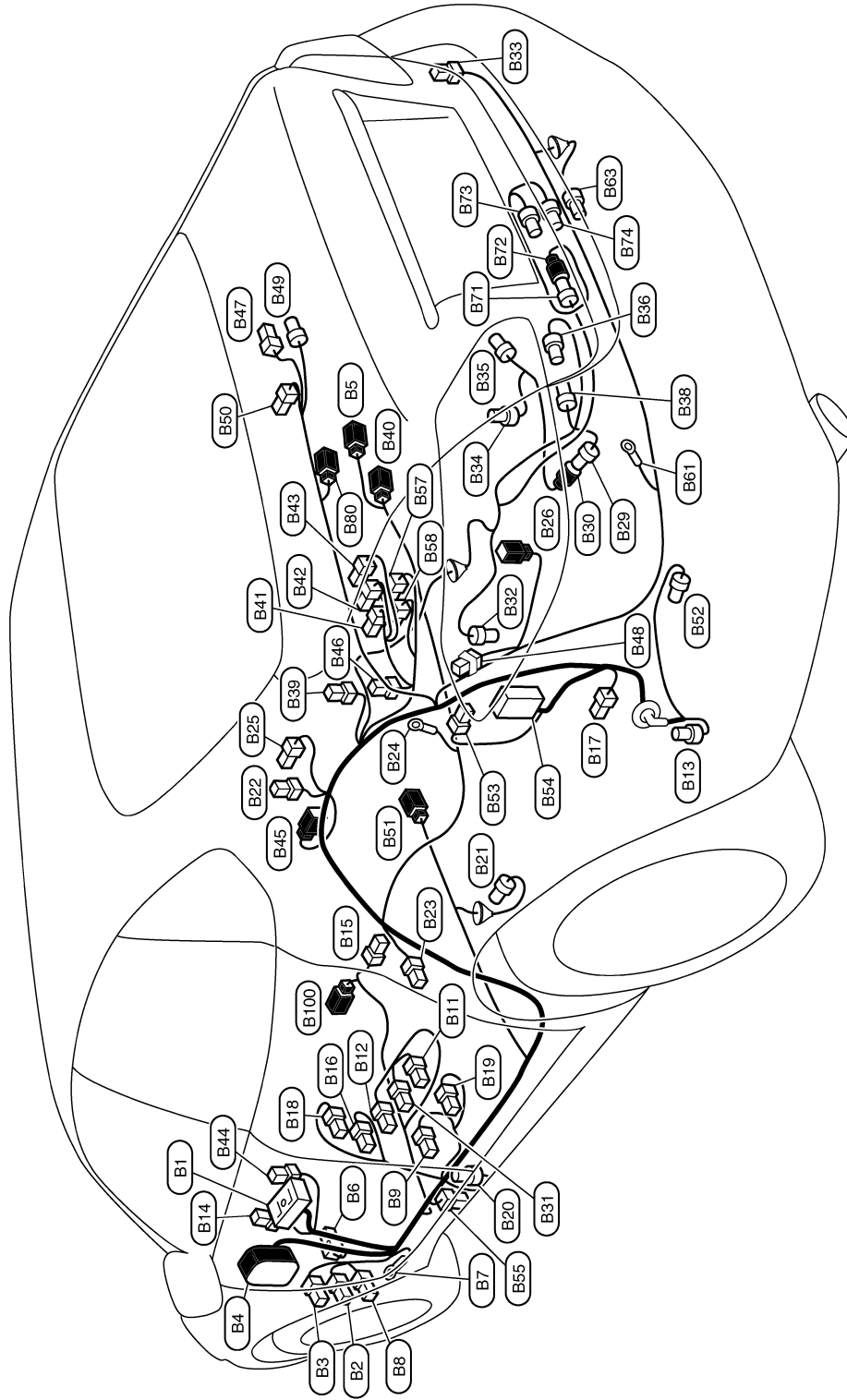
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Body Harness

INFOID:000000005987117

BODY HARNESS

BODY HARNESS

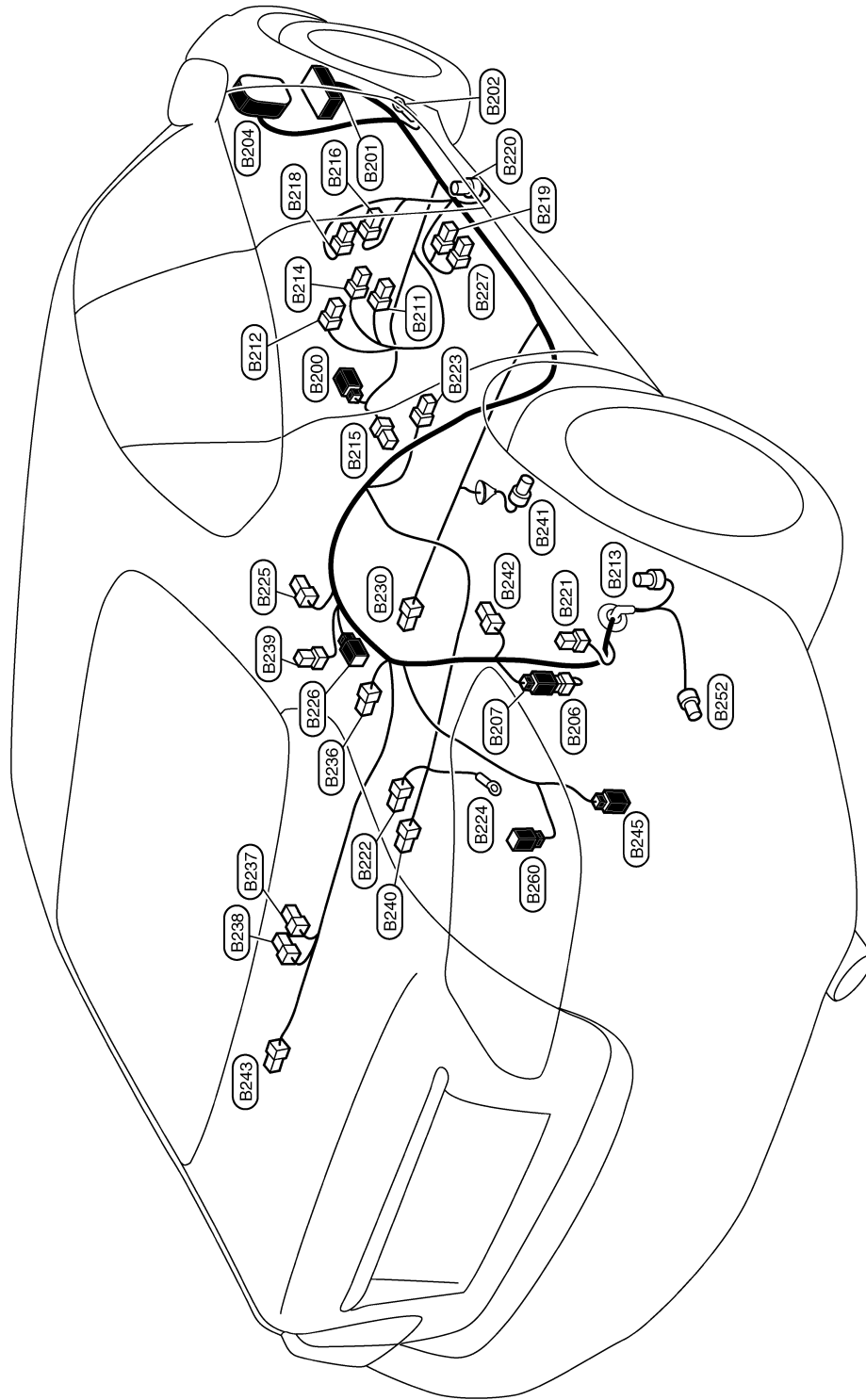


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HARNES LAYOUT

< WIRING DIAGRAM >
BODY No. 2 HARNESS



BODY No. 2 HARNESS

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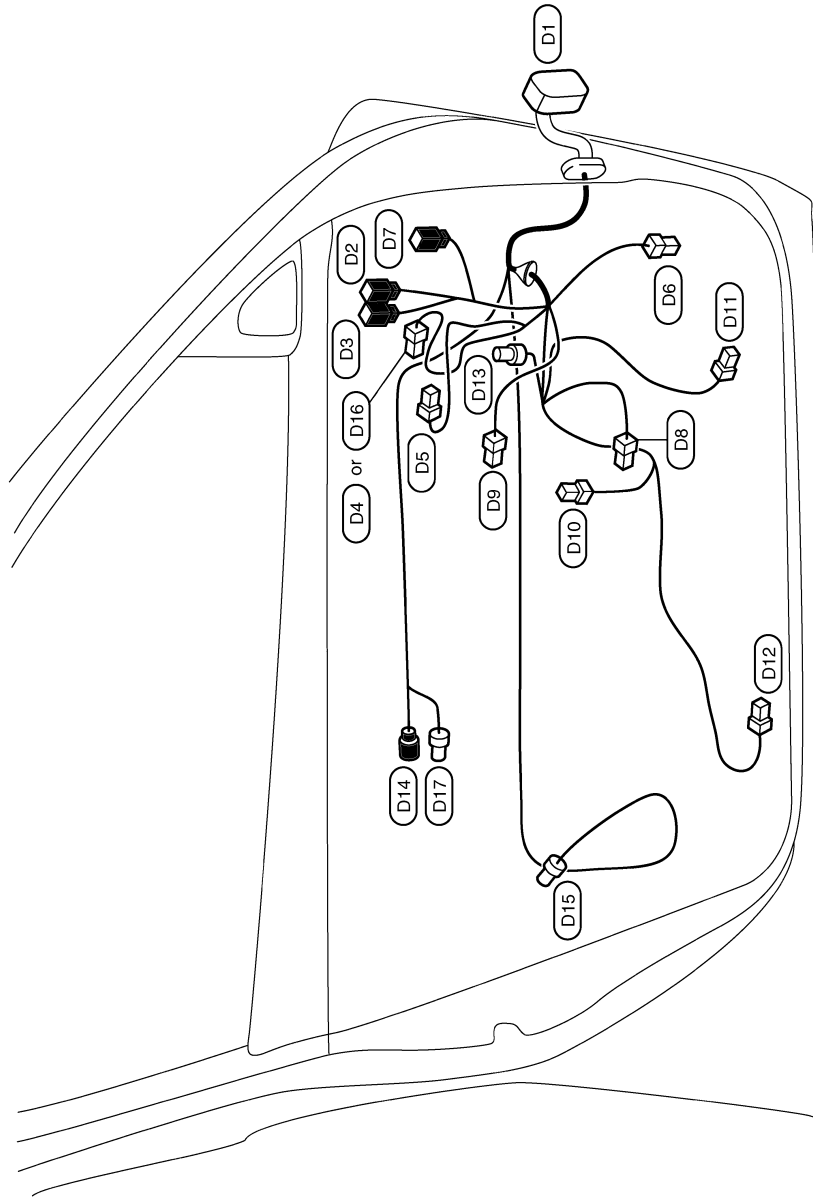
HARNES LAYOUT

< WIRING DIAGRAM >

Door Harness

INFOID:000000005987120

FRONT DOOR HARNESS (LH SIDE)



FRONT DOOR HARNESS (LH SIDE)

2010/02/03

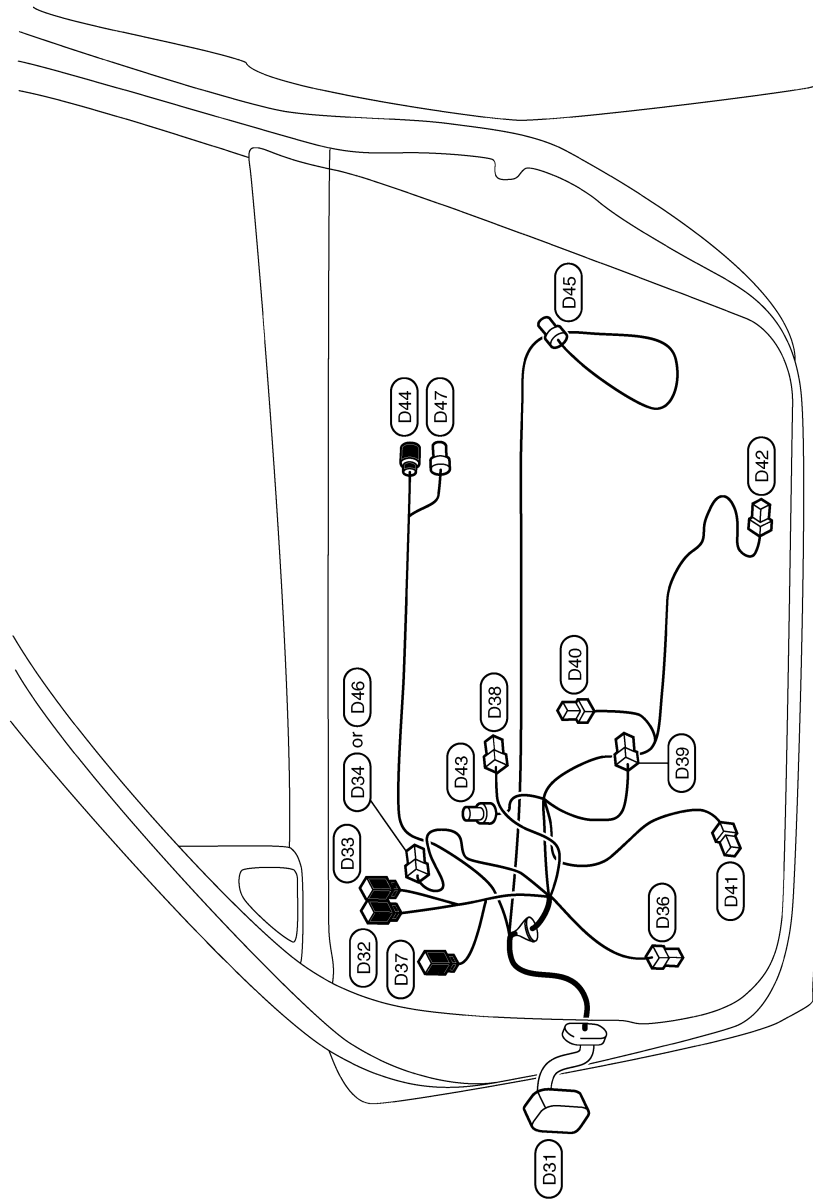
JCMIA0758GB

HARNES LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



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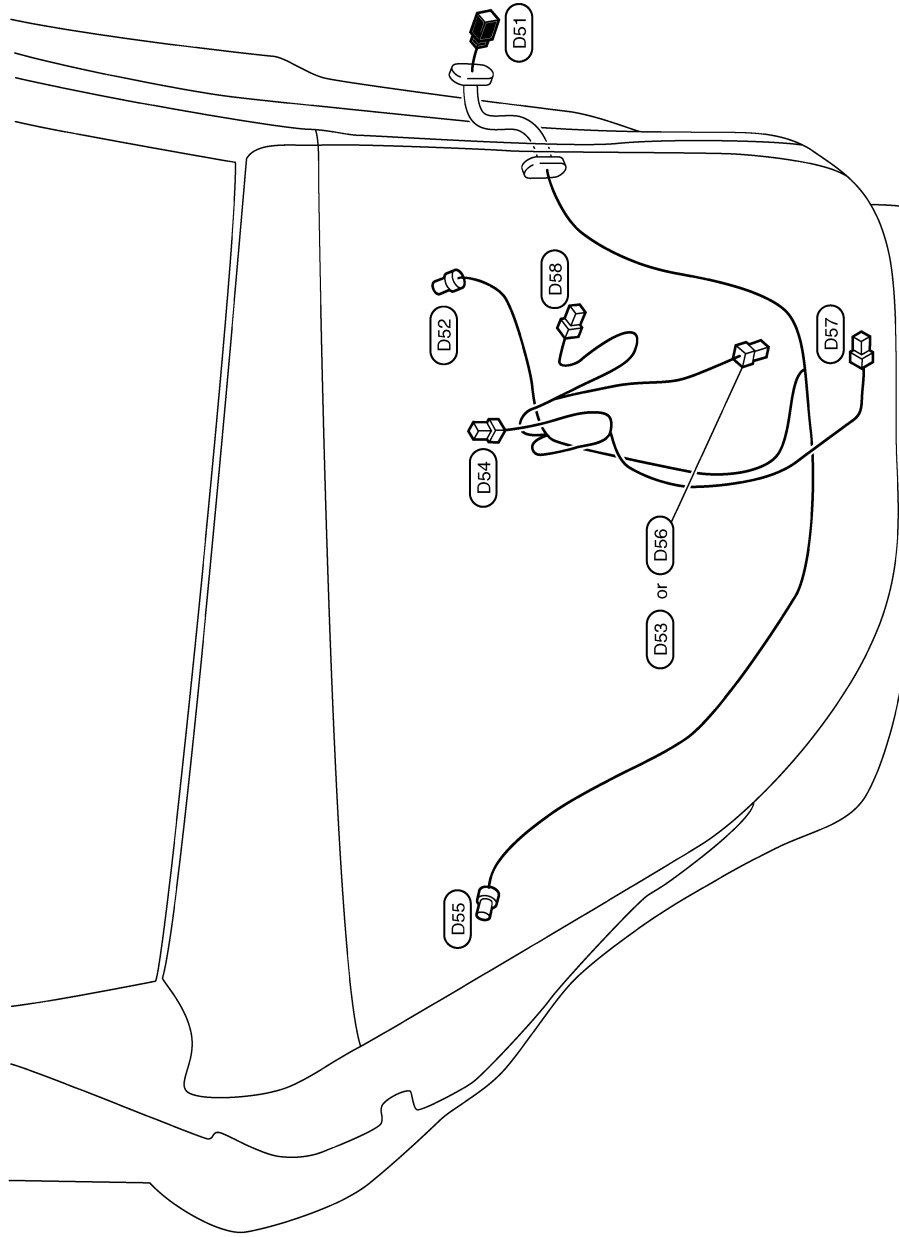
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HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (LH SIDE)

REAR DOOR HARNESS (LH SIDE)



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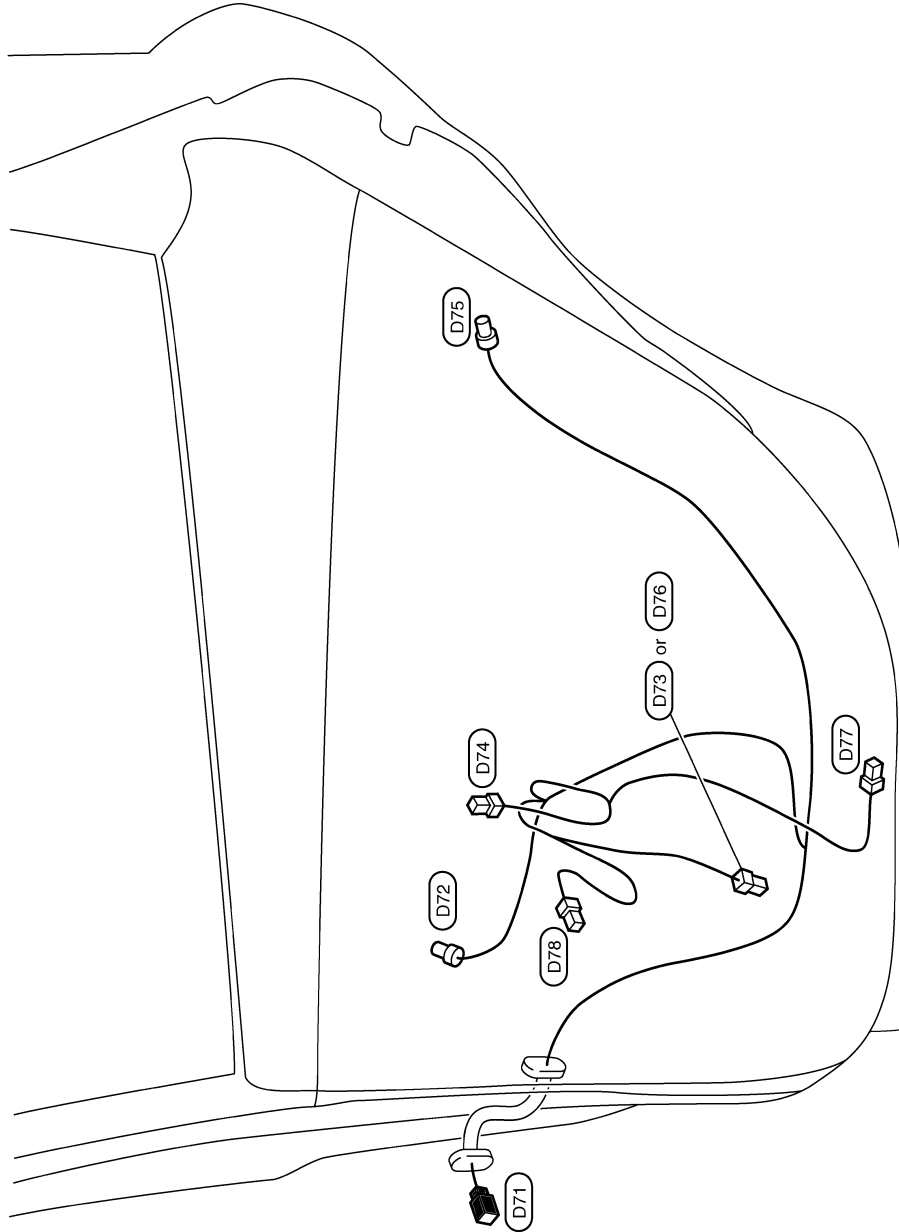
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HARNES LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (RH SIDE)

REAR DOOR HARNESS (RH SIDE)



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HARNES LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

INFOID:000000005987119

ROOM LAMP HARNESS



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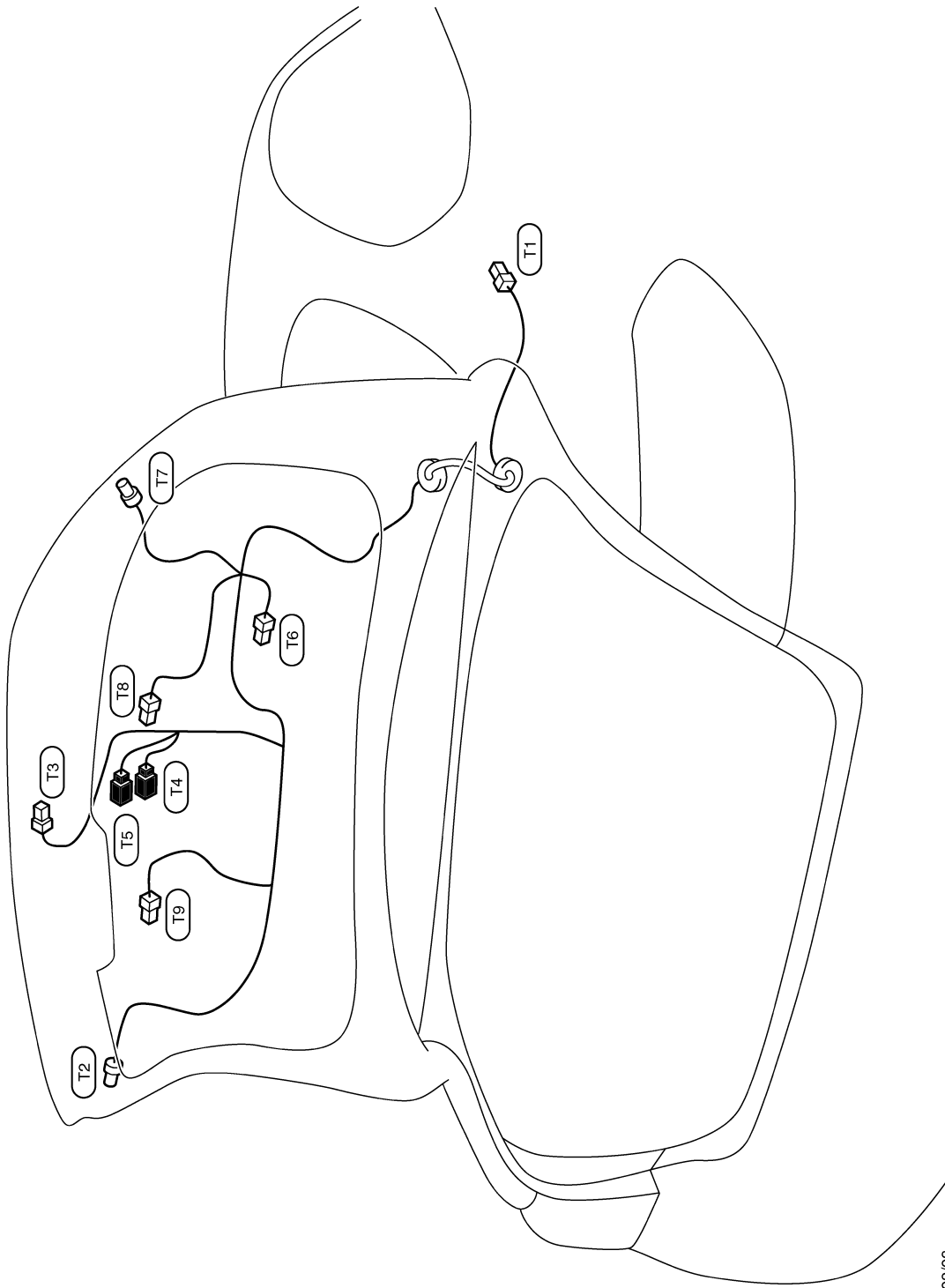
HARNESS LAYOUT

< WIRING DIAGRAM >

Tail Harness

INFOID:000000005987121

TAIL HARNESS



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BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

INFOID:000000006056706

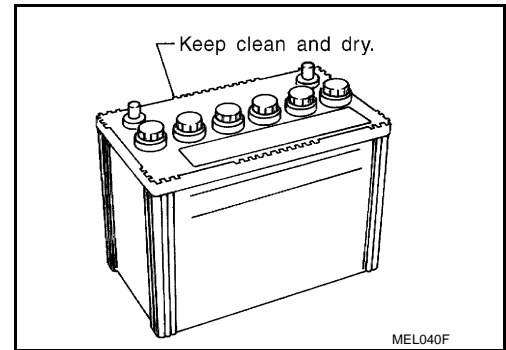
CAUTION:

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

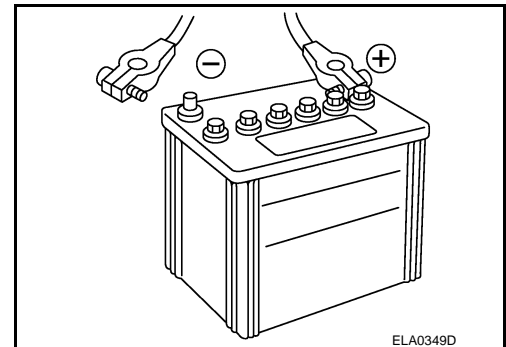
METHODS OF PREVENTING OVER-DISCHARGE

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

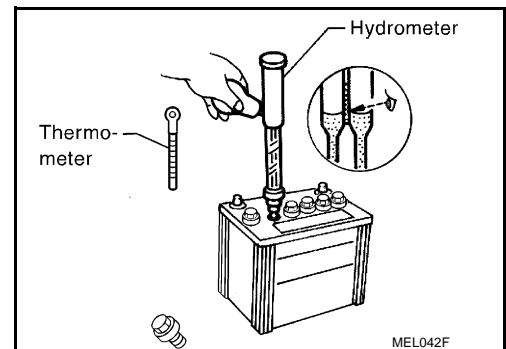
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



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



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



CHECKING ELECTROLYTE LEVEL

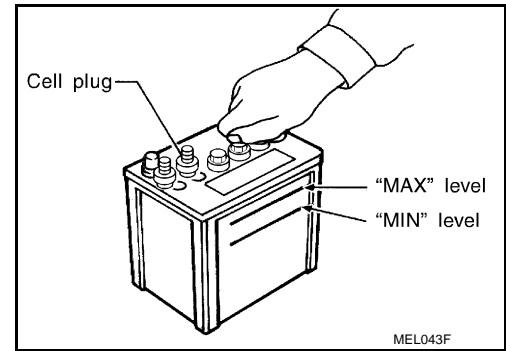
WARNING:

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

BATTERY INSPECTION

< BASIC INSPECTION >

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

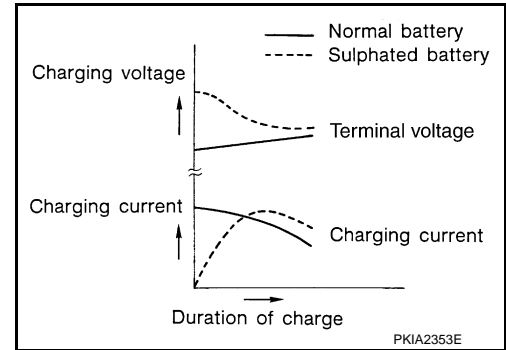


Sulphation

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.

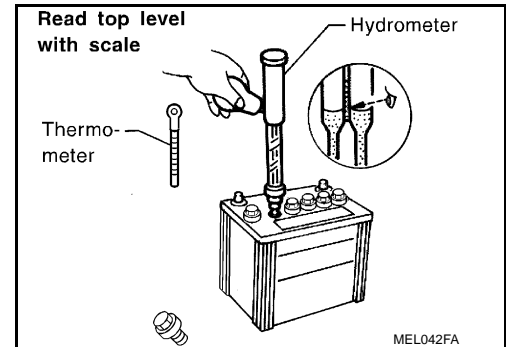
To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

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

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BATTERY INSPECTION

< BASIC INSPECTION >

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

INFOID:000000006056707

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.

FUSE INSPECTION

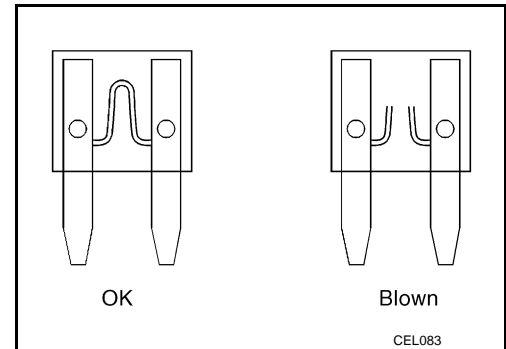
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

- 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.

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FUSIBLE LINK INSPECTION

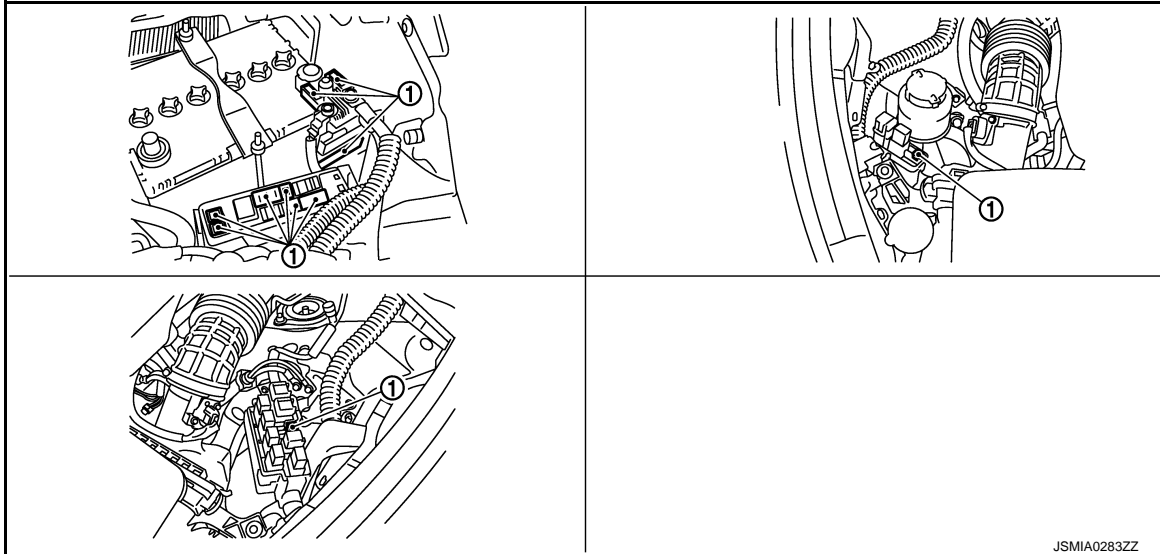
< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

INFOID:000000005987135

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.

BATTERY

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

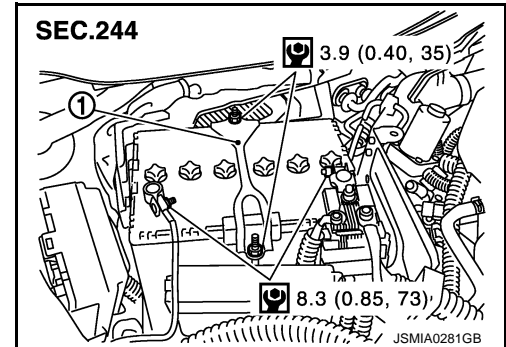
BATTERY

Exploded View

INFOID:000000005987139

1 : Battery fix frame

Refer to [GI-3, "Contents"](#) for symbols in the figure.



Removal and Installation

INFOID:000000005987140

REMOVAL

1. Remove battery cover.
2. Remove cowl top cover (RH). Refer to [EXT-21, "Exploded View"](#).
3. Remove cover of battery positive terminal.
4. Loosen battery terminal nuts, 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 and battery fix frame.
6. Remove battery.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

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

Reset electronic systems as necessary. Refer to [GI-65, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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BATTERY TERMINAL WITH FUSIBLE LINK

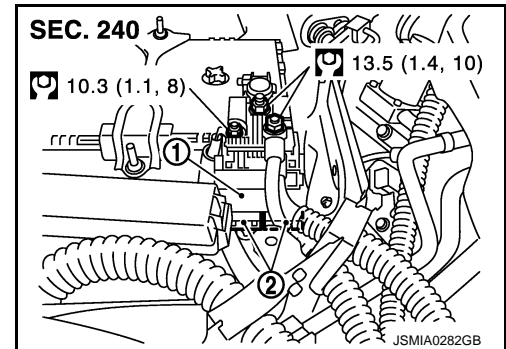
< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000005987141

- 1 : Battery terminal with fusible link
 - 2 : Harness connector
- Refer to [GI-3. "Contents"](#) for symbols in the figure.



Removal and Installation

INFOID:000000005987142

REMOVAL

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

INSTALLATION

Install in the reverse order of removal.

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:000000005987143

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

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