

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:0000000011321034

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:

Always observe the following items for preventing accidental activation.

- 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 "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never 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.

Precautions for Removing Battery Terminal

INFOID:0000000011321035

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

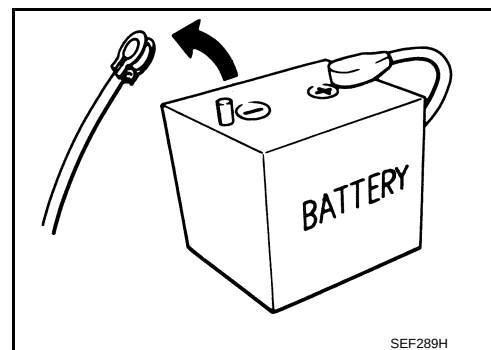
NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.



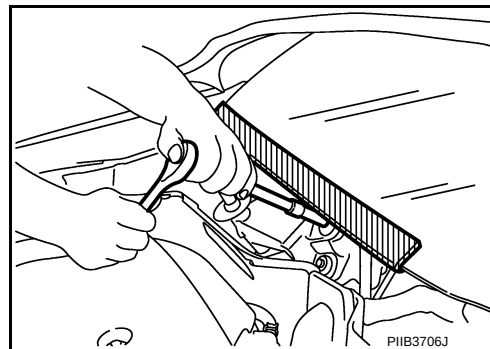
PRECAUTIONS

< PRECAUTION >

Precaution for Procedure without Cowl Top Cover

INFOID:000000011587561

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



PREPARATION

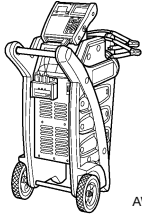
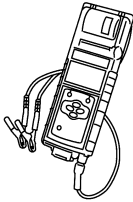
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PREPARATION

PREPARATION

Special Service Tools

INFOID:0000000011321036

Tool number (TechMate No.) Tool name		Description
— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station	 AWIIA1239ZZ	Tests batteries, starting and charging systems and charges batteries. For operating instructions, refer to diagnostic station instruction manual.
— (—) Model EXP-800 NI Battery and electrical diagnostic analyzer	 JSMIA0806ZZ	Tests batteries and charging systems. For operating instructions, refer to diagnostic analyzer instruction manual.

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COMPONENT PARTS

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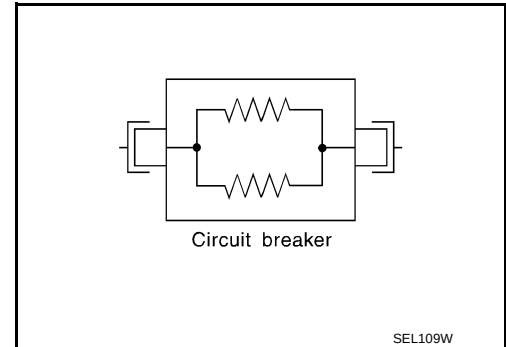
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:0000000011321037

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:0000000011321038

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

HR*: Because of the frequent battery charge/discharge performed according to a driving condition and a battery condition, this model uses a charge/discharge capacity-enhanced battery. Therefore, it is recommended to use a genuine battery when replacement is needed.

Harness Connector

INFOID:0000000011321039

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.

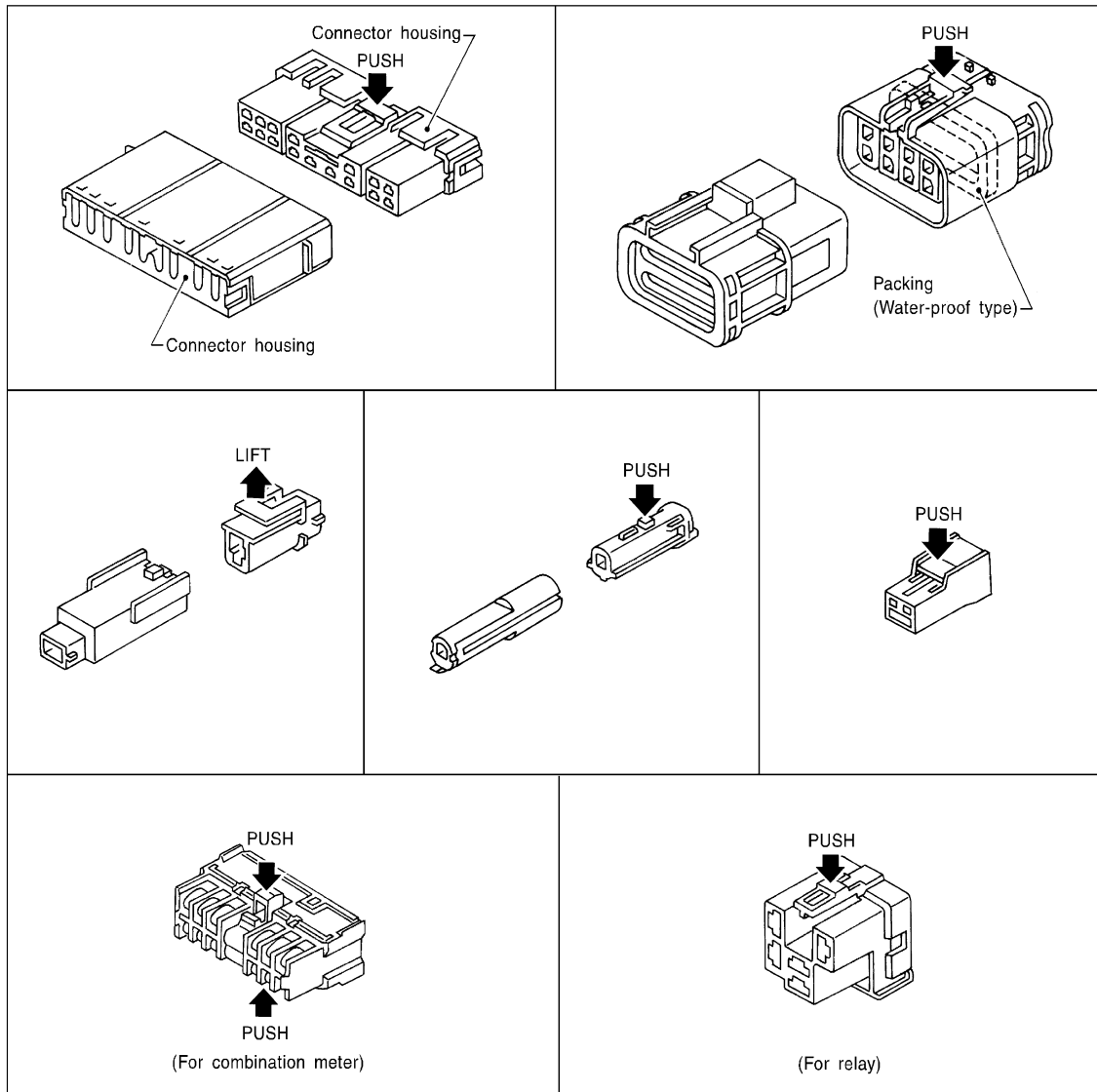
CAUTION:

To prevent damage to the parts, never pull the harness or wires when disconnecting the connector.

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:

- To prevent damage to the parts, never pull the harness or wires when disconnecting the connector.
- To prevent damage to the parts, be careful not to damage the connector support bracket when disconnecting the connector.

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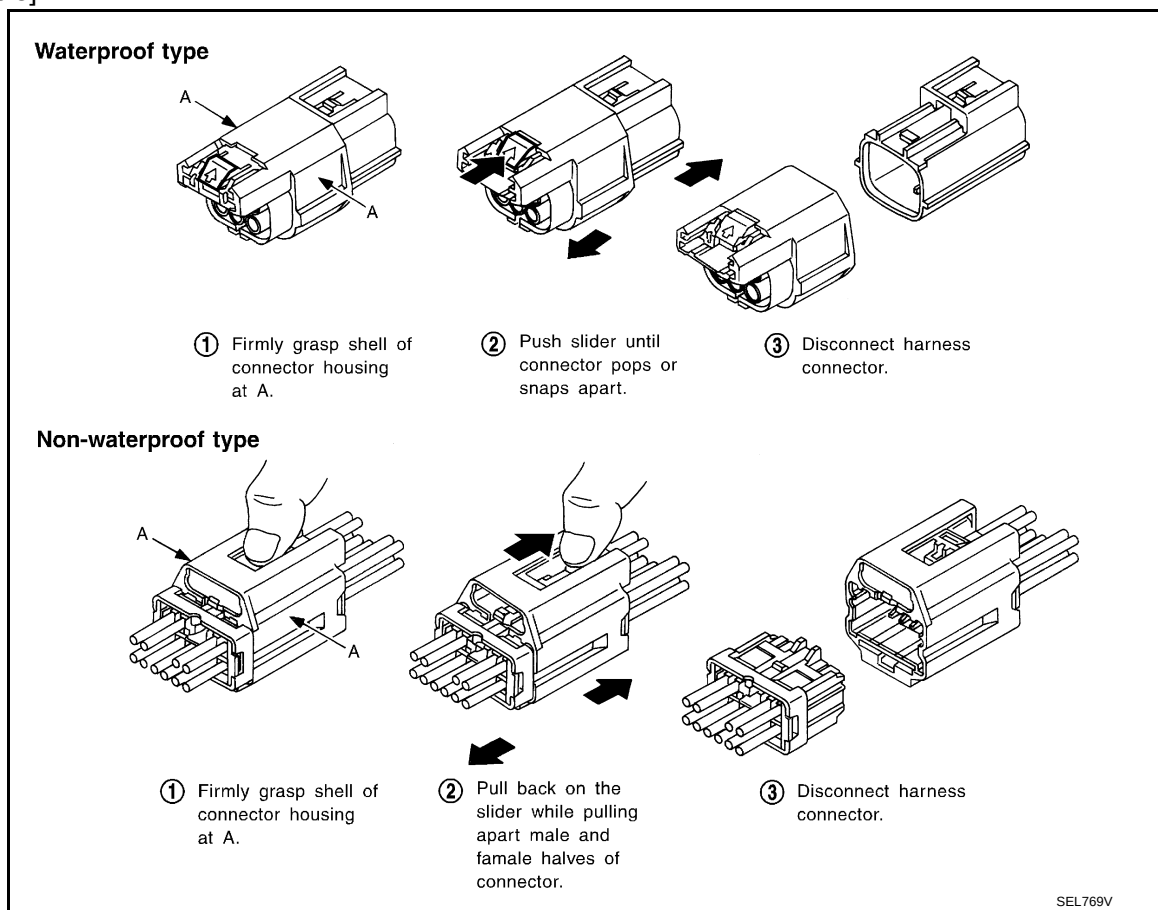
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COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

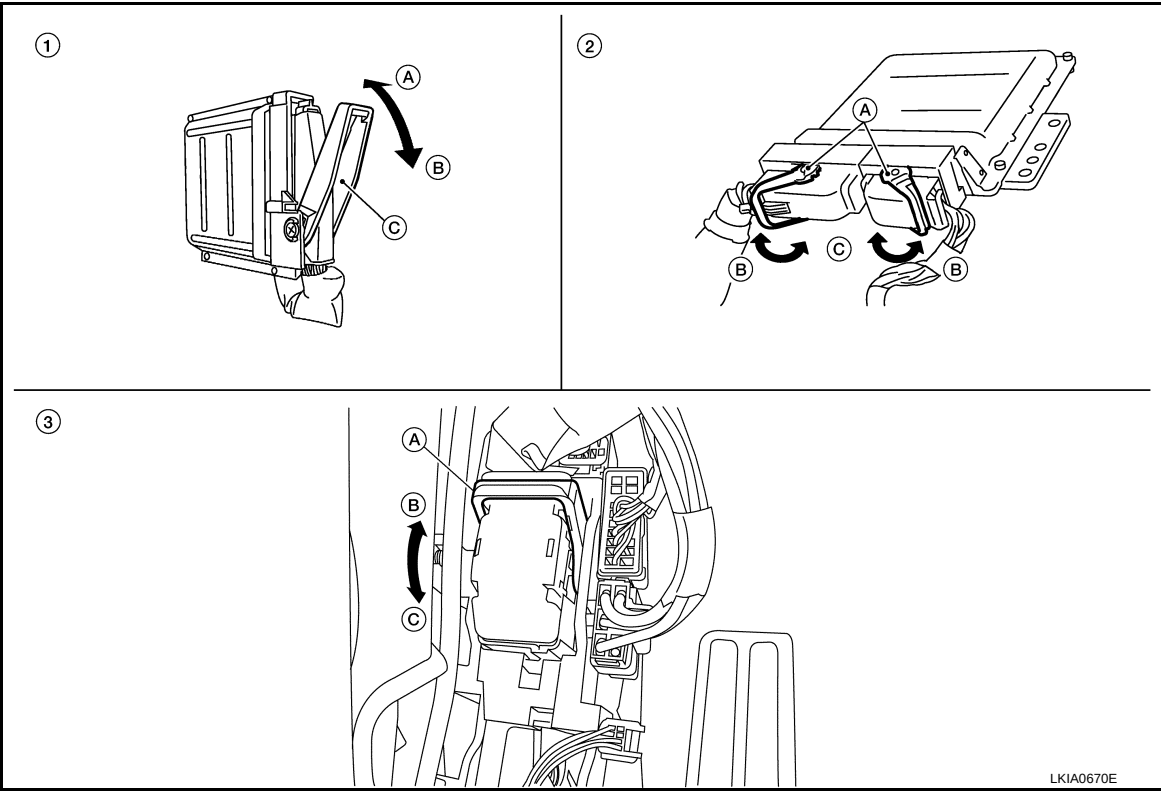
- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked in place by moving the lever as far as it will go to ensure full connection.

CAUTION:

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.



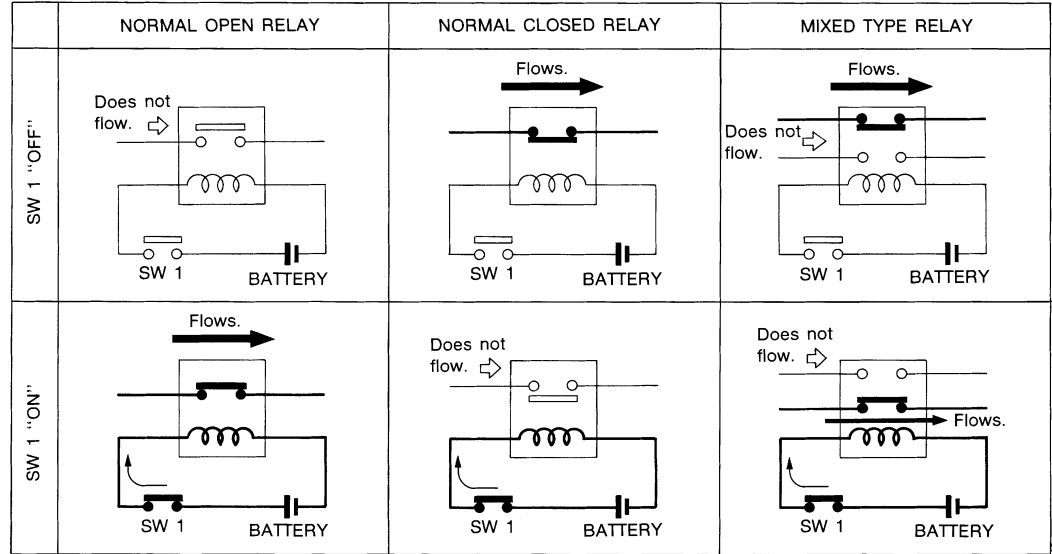
- 1. Control unit with single lever
 - A. Fasten
 - B. Loosen
 - C. Lever
- 2. Control unit with dual levers
 - A. Levers
 - B. Fasten
 - C. Loosen
- 3. SMJ connector
 - A. Lever
 - B. Fasten
 - C. Loosen

Standardized Relay

INFOID:0000000011321040

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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

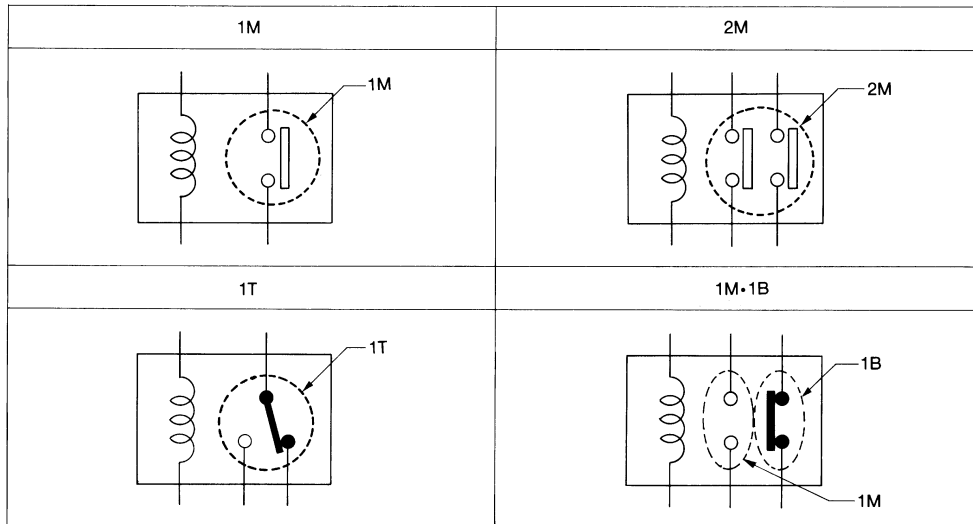


TYPE OF STANDARDIZED RELAYS

COMPONENT PARTS

< SYSTEM DESCRIPTION >

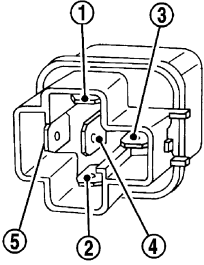
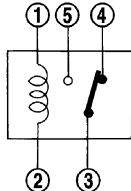
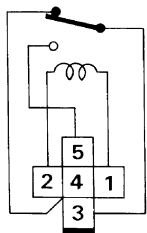
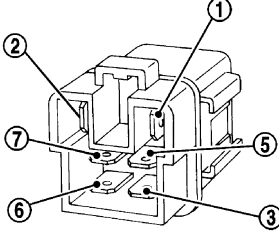
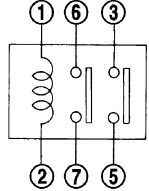
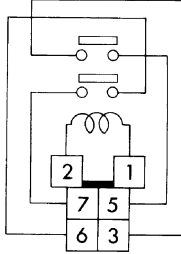
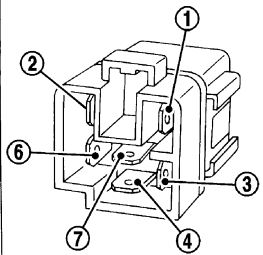
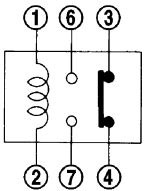
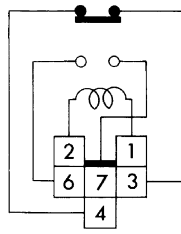
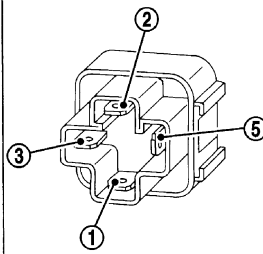
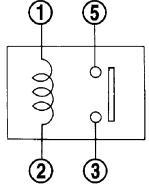
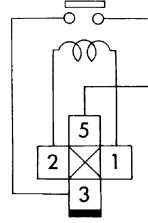
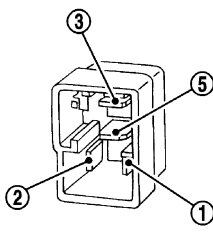
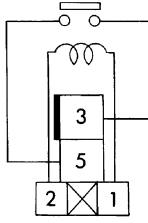
1M 1 Make 2M 2 Make
 1T 1 Transfer 1M·1B 1 Make 1 Break



SEL882H

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

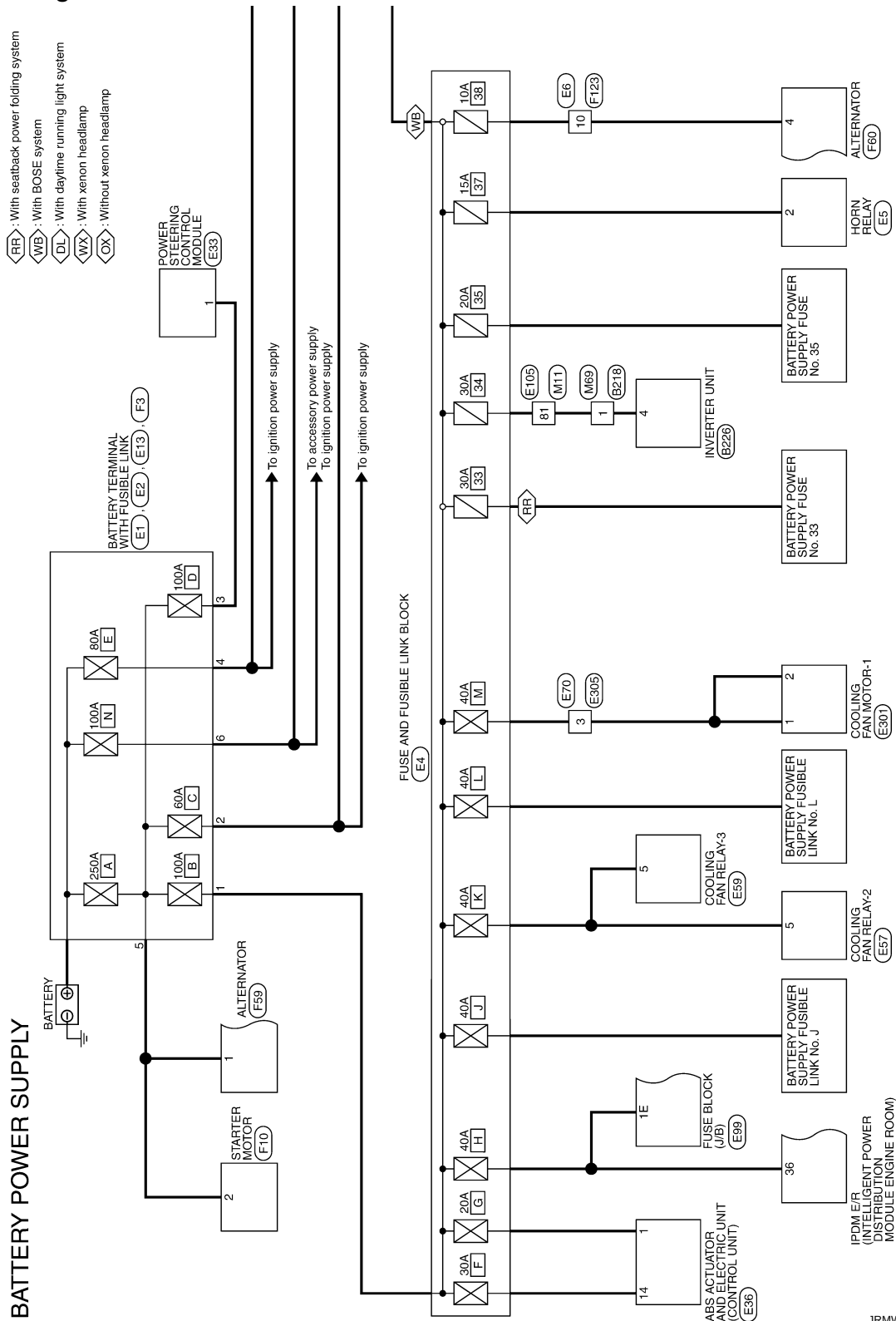
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WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	NH10MM-CS10



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

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



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

Connector No.	B12
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



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

Connector No.	B27
Connector Name	AUTOMATIC SLIDING DOOR WARNING BUZZER LH
Connector Type	RK02FBR



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

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	+B
2	BR	LATCH MTR CLOSE
3	L	LATCH MTR OPEN
4	P	INSIDE CLOSE SW
5	W	BUZZER
6	B	MAN-FUNC-FLG
7	P	+B
8	B	GROUND
9	GR	+B
11	B	GROUND
13	W	TOUCH SENS RH
14	P	TOUCH SENS OND
15	GR	TOUCH SENS LH
16	L	DRIVER SW
17	G	CLOSE SW
20	R	HALF LATCH SW
22	W	OPEN SW
24	P	CAN-L
25	G	CAN-H
26	L	CAN-H

Terminal No.	Color Of Wire	Signal Name [Specification]
10	V	-
12	V	-
13	P	-
14	P	-
15	W	-
16	W	-
17	W	-
18	W	-
19	W	-
20	W	-

Connector No.	B23
Connector Name	LUGGAGE ROOM POWER SOCKET
Connector Type	P02FB-Z



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Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	-
3	W	-

Connector No.	B31
Connector Name	WIRE TO WIRE
Connector Type	NS12MM-CS



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

Terminal No.	Color Of Wire	Signal Name [Specification]
2	W	-
3	R	-
4	LG	-
5	O	-
6	P	-
7	G	-
8	R	-
9	W	-
10	B	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B45
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	TH32FW-NH

Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Color	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR	GR
Wire	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



Terminal No.	Color	Wire	Signal Name [Specification]
1	GR	1	MAIN SW
2	GR	2	RELEASE LOCK
3	GR	3	LOCK SW
4	GR	4	UNLOCK SW
5	GR	5	HALF LATCH
6	GR	6	IGN
7	GR	7	BUZZER
8	GR	8	CAN-L
9	GR	9	CAN-H
10	GR	10	ENCODER POWER
11	GR	11	ELEC B
12	GR	12	ONETOUCH OPEN SW
13	GR	13	NEUTRAL SW
14	GR	14	FUEL ID SW
15	GR	15	FULL SW
16	GR	16	DRIVER SW
17	GR	17	SW GND
18	GR	18	TOUCH SENS
19	GR	19	ENCODER GND
20	GR	20	GD LOGIC
21	GR	21	RR DOOR SW

Connector No.	B46
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	NS10FW-CS

Terminal No.	33	34	35	36	37	38	39	40	41	42
Color	B	B	B	B	B	B	B	B	B	B
Wire	33	34	35	36	37	38	39	40	41	42



Terminal No.	Color	Wire	Signal Name [Specification]
33	B	33	GND POWER
34	B	34	CLCUSE (RE17)
35	B	35	EAT
36	B	36	GND POWER
37	B	37	RELEASE ACTR(-)
38	B	38	RELEASE ACTR(+)
39	B	39	EAT
40	B	40	EAT
41	B	41	EAT
42	B	42	EAT

Connector No.	B49
Connector Name	SATELLITE RADIO TUNER
Connector Type	A10FW

Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Color	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wire	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



Terminal No.	Color	Wire	Signal Name [Specification]
1	W	1	SATELLITE RADIO SOUND SIGNAL LH (-)
2	W	2	SATELLITE RADIO SOUND SIGNAL LH (+)
3	W	3	SATELLITE RADIO SOUND SIGNAL RH (-)
4	W	4	SATELLITE RADIO SOUND SIGNAL RH (+)
5	W	5	SHIELD
6	W	6	SHIELD
7	W	7	SHIELD
8	W	8	REQUEST (SAT->CONT)
9	W	9	COMM (SAT->CONT)
10	W	10	COMM (CONT->SAT)
11	W	11	BATTERY
12	W	12	GROUND
13	W	13	ACC

Connector No.	B203
Connector Name	AUTOMATIC SLIDING DOOR WARNING BUZZER RH
Connector Type	RK02ER

Terminal No.	1	2	3	4
Color	Y	Y	Y	Y
Wire	1	2	3	4



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

Connector No.	B205
Connector Name	REAR COMBINATION LAMP RH
Connector Type	RS04FGY-PR

Terminal No.	1	2	3	4
Color	W	W	W	W
Wire	1	2	3	4



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

Connector No.	B66
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	EQ07B-RS

Terminal No.	1	2	3	4
Color	G	G	G	G
Wire	1	2	3	4



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

Connector No.	B80
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RS04FGY-PR

Terminal No.	1	2	3	4
Color	P	P	P	P
Wire	1	2	3	4



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

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POWER SUPPLY ROUTING CIRCUIT

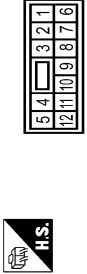
< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B218
Connector Name	WIRE TO WIRE
Connector Type	M02MM-GY-LC



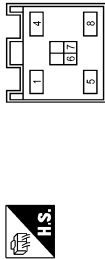
Connector No.	B238
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



15	B	NEUTRAL SW
18	W	FULL SW
19	G	DRIVER SW
21	P	B-SIGN
22	W	HANDLE
23	B	SW GND
24	G	TOUCH SENS
26	GR	ENCODER GND
27	GR	GD LOGIC
28	GR	RR DOOR SW

Terminal No.	Color Of Wire	Signal Name [Specification]
2	B	--

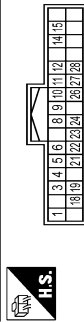
Connector No.	B226
Connector Name	INVERTER UNIT
Connector Type	AAFD4FB-AHC4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	AC 120 V OUTPUT
4	W	BAT
5	R	AC 120 V OUTPUT
6	P	MAIN SW SIGNAL
7	G	MAIN SW INDICATOR
8	B	GROUND

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	--
2	W	--
4	SB	--
5	G	--
6	G	--
7	G	--
8	R	--
9	W	--
10	B	--

Connector No.	B247
Connector Name	SLIDING DOOR CONTROL UNIT RH
Connector Type	TH23FW-NH



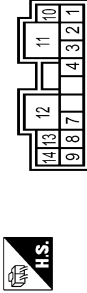
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
3	P	KNR LOCK
4	R	A-SIGN
5	G	MAP-ANTION
6	L	IGN
8	P	Buzzer
9	B	CAN-L
10	W	CAN-H
11	G	ENCODER POWER
12	Y	ELEC B
14	GR	ONETOUCH OPEN SW

Connector No.	B248
Connector Name	SLIDING DOOR CONTROL UNIT RH
Connector Type	NS10FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
33	B/R	GND POWER
34	R	CLOSURE (+CLOSE)
35	Y	CLOSURE (-)
36	Y	BAT
37	B/Y	GND POWER
38	L	RELEASE ACT(-)
40	O	RELEASE ACT(+)
42	Y	BAT

Connector No.	B251
Connector Name	BOSE AMP.
Connector Type	SSA12FB-SA42



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	SOUND SIGNAL FRONT SPEAKER LH (+)
2	B	SOUND SIGNAL FRONT SPEAKER LH (-)
3	Y	SOUND SIGNAL FRONT SPEAKER RH (-)
4	BR	SOUND SIGNAL LUGAGE SPEAKER RH (+)
7	B	GROUND
8	G	SOUND SIGNAL WOOFER (-)
9	B	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
10	SB	BATTERY
11	G	BATTERY
12	B	GROUND
13	R	SOUND SIGNAL WOOFER (+)
14	W	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)

Connector No.	B305
Connector Name	AUTOMATIC BACK DOOR WARNING BUZZER
Connector Type	RK02FER



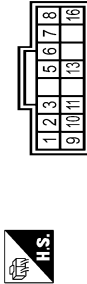
Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	--

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B487
Connector Name	SEATBACK POWER RETURN CONTROL UNIT
Connector Type	SUMITOMO 6088-3453



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/W	MOTOR SENS GND RH
2	B/Y	MOTOR SENS GND LH
3	Y/R	MOTOR SENS PWR RH
4	R/B	MTR LH -
5	L/W	MTR LH +
6	L/W	MTR RH -
7	R/W	MTR RH +
8	L/W	MOTOR SENS GND LH
9	B/Y	MOTOR SENS GND RH
10	G	MOTOR SENS PWR LH
11	Y	MOTOR SENS PWR RH
13	B	GND POWER
16	R	BATT POWER

Connector No.	B488
Connector Name	SEATBACK POWER RETURN CONTROL UNIT
Connector Type	YAZAKI 7283-4261



Terminal No.	Color Of Wire	Signal Name [Specification]
17	R	BATT SIG
18	L/G	PRIMAL SW
21	W	PRIMAL SW LH
22	W/R	PRIMAL SW RH
23	BR/W	RH SW GND
24	LG	SPEED 8PR
28	LC/Y	LH SW
29	L	RETURN SW LH

30	L/W	RETURN SW RH
31	BR	LH LIFT SW GND
32	B	GND SIG

Connector No.	B501
Connector Name	SEATBACK LOCK RELEASE ACTUATOR RELAY RH
Connector Type	YAZAKI 7223-1558



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	O	-
3	R	-
5	R	-

Connector No.	B503
Connector Name	SEATBACK LOCK RELEASE ACTUATOR RELAY LH
Connector Type	YAZAKI 7223-1559



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

Connector No.	B551
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NSI2PW-CS



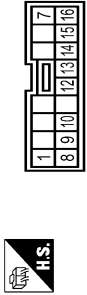
Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	BAT
34	G	SLIDE MOTOR (BACKWARD)
35	G	RECLINER MOTOR (FORWARD)
36	L	FRONT LIFTER MOTOR (DOWNWARD)
38	GR	SLIDE MOTOR (FORWARD)
39	Y	RECLINER MOTOR (BACKWARD)
40	W	FRONT LIFTER MOTOR (UPWARD)
41	V	REAR LIFTER MOTOR (UPWARD)
42	P/B	REAR LIFTER MOTOR (DOWNWARD)
43	LG	GROUND

Connector No.	B557
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NSI4PW-CS



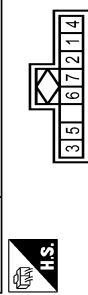
Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	-
43	LG	-
45	P	-
46	BR	-

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK18PW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
7	GR	-
8	GR	-
9	R	-
10	G	-
12	W	-
13	G	-
14	GR	-
15	R	-
16	P	-

Connector No.	D13
Connector Name	SEAT MEMORY SWITCH
Connector Type	X88PW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	P	-
3	P	-
4	P	-
5	B	-
6	G	-
7	W	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	D162
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	—
2	B	—

Connector No.	D163
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	—
2	B	—

Connector No.	D181
Connector Name	BACK DOOR CONTROL UNIT
Connector Type	NS10FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	—
2	G	—
3	LG	—
4	V	—
5	R	—
6	P	—
7	B	—
8	GR	—
10	BR	—

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FCY-MC



Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	—
4	R	—

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FBR-MC-B



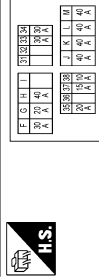
Terminal No.	Color Of Wire	Signal Name [Specification]
2	B	—
3	L	—

Connector No.	E3
Connector Name	FUSE AND FUSIBLE LINK HOLDER 1
Connector Type	24380 (ATDA)



Terminal No.	Color Of Wire	Signal Name [Specification]
23	R	—
24	L	—

Connector No.	E4
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381 (980A)



Terminal No.	Color Of Wire	Signal Name [Specification]
32	LG	—
33	Y	—
34	Y	—
35	Y	—
36	W	—
37	SB	—
38	W	—
F	G	—
G	R	—
H	G	—
J	R	—
K	Y	—
L	LG	—
M	BR	—

Connector No.	E5
Connector Name	HORN RELAY
Connector Type	24381 (980A)



Terminal No.	Color Of Wire	Signal Name [Specification]
2	SB	—
3	P	—

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E6
Connector Name	WIRE TO WIRE
Connector Type	TK1BMGY-1V



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Connector No.	E9
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	LD2FB-MC



1	2
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Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	G	-
3	Y	-
4	V	-
5	GR	-
6	V	-
7	G	-
8	P	-
9	R	-
10	W	-
11	G	-
12	BR	-
13	SB	-
14	B	-
15	W	-
16	R	-

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



1	2	3	4
5	6	7	8
9	10		

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	L	-
4	R	-
5	SB	-

6	B	-
7	B	-
8	B	-
10	B	-

Connector No.	E9
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	LD2FB-MC



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

Connector No.	E10
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	1120DFW-CS12-M4-1V



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
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Terminal No.	Color Of Wire	Signal Name [Specification]
4	LG	-
5	Y	-
6	G	-
7	BR	-
8	P	-
9	B	-
10	G	-
11	L	-
12	R	-
13	P	-
14	V	-
15	W	-
16	W	-

21	O	-
22	GR	-
23	GR	-
24	G	-
25	GR	-
27	BR	-
28	G	-
30	LG	-
34	O	-
35	P	-
36	G	-
38	GR	-

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



42	44	40	39
46	45	44	43

Terminal No.	Color Of Wire	Signal Name [Specification]
38	P	-
41	B	-
42	SB	-
43	LG	-
44	W	-
45	Y	-
46	O	-

Connector No.	E13
Connector Name	BATTERY TERMINAL WITH FUSELE LINK
Connector Type	LD1FB-MC



6

Terminal No.	Color Of Wire	Signal Name [Specification]
6	W	-

Connector No.	E14
Connector Name	FUSE AND FUSELE LINK HOLDER 2
Connector Type	24330-1AT0A



28	27	28
15	15	15
A	A	A

Terminal No.	Color Of Wire	Signal Name [Specification]
26	GR	-
27	GR	-
28	GR	-

JRMWG3330GB

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E15
Connector Name	STOP LAMP RELAY
Connector Type	MS02F-M2-LC



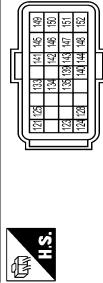
Terminal No.	Color	Wire	Signal Name [Specification]
1	B	-	-
2	G	-	-
3	R	-	-
5	P	-	-

Connector No.	E17
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	MS03FE-M2-LG



Terminal No.	Color	Wire	Signal Name [Specification]
1	G	-	-
2	BR	-	-
3	LG	-	-
4	B/W	-	-
5	G	-	-

Connector No.	E19
Connector Name	ECM
Connector Type	RH24FB-R28-L-IH



Terminal No.	Color	Wire	Signal Name [Specification]
120	LG	-	EVAP CONTROL SYSTEM PRESSURE SENSOR
121	P	-	CAN COMMUNICATION LINE (CAN-L)
122	L	-	CAN COMMUNICATION LINE (CAN-H)
123	W	-	SENSOR POWER SUPPLY
124	Y	-	FUEL TANK TEMPERATURE SENSOR
125	BR	-	IGNITION SWITCH
126	Y	-	ASCID STEERING SWITCH
127	BR	-	SENSOR GROUND
128	SB	-	STOP LAMP SWITCH
129	BR	-	BRAKE PEDAL POSITION SWITCH
130	V	-	EVAP CANISTER VENT CONTROL VALVE
131	GR	-	SENSOR POWER SUPPLY
132	O	-	ACCELERATOR PEDAL POSITION SENSOR 2
133	G	-	SENSOR GROUND
134	L	-	POWER WINDOW SWITCH
135	P	-	SENSOR POWER SUPPLY
136	B	-	ECM GROUND
137	V	-	SENSOR GROUND
138	W	-	ACCELERATOR PEDAL POSITION SENSOR 1
139	B	-	SENSOR GROUND
140	B	-	ECM GROUND

Connector No.	E26
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FBR



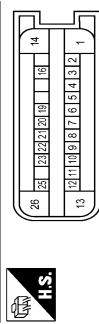
Terminal No.	Color	Wire	Signal Name [Specification]
1	GR	-	-
2	-	-	-
3	-	-	-

Connector No.	E33
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	renault 8200500184(BLACK)



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

Connector No.	E38
Connector Name	ABS ACTUATOR AND ELECTRIC JET (CONTROL UNIT)
Connector Type	AZ22FB-AJ24-LH



Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	-	VALVE BATTERY
2	Y	-	RR LH WHEEL SENSOR SIGNAL
3	L	-	RR H WHEEL SENSOR POWER SUPPLY
4	G	-	G SENSOR POWER SUPPLY
5	B	-	FR RH WHEEL SENSOR POWER SUPPLY
6	W	-	FR RH WHEEL SENSOR SIGNAL
7	V	-	BRAKE FLUID LEVEL SWITCH SIGNAL
8	LG	-	FR LH WHEEL SENSOR SIGNAL
9	L	-	FR LH WHEEL SENSOR POWER SUPPLY
10	B	-	G SENSOR GND
11	V	-	RR RH WHEEL SENSOR POWER SUPPLY
12	P	-	RR RH WHEEL SENSORE SIGNAL
13	B	-	GROUND
14	G	-	MOTOR BATTERY
15	SP	-	STOP PEDAL SWITCH SIGNAL
16	GR	-	G SENSOR SIGNAL (-)
17	GR	-	IGN
18	P	-	CAN-L
19	BR	-	VDC OFF SWITCH SIGNAL
20	L	-	CAN-H
21	O	-	G SENSOR SIGNAL (-)
22	O	-	GROUND
23	B	-	-
24	B	-	-

JRMWG3331GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E57
Connector Name	COOLING FAN RELAY-2
Connector Type	MO6FBR-R-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	L	-
3	GR	-
4	Y	-
5	B	-
6	LG	-

Connector No.	E59
Connector Name	COOLING FAN RELAY-3
Connector Type	MO6FBR-R-LC



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

Connector No.	E70
Connector Name	WIRE TO WIRE
Connector Type	MO5AW-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	BR	-
3	P	-
4	L	-

Connector No.	E88
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO1FW-MC



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

Connector No.	E89
Connector Name	FUSE BLOCK (J/B)
Connector Type	MO2EF-LC



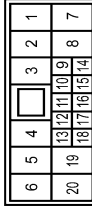
Terminal No.	Color Of Wire	Signal Name [Specification]
1E	G	-

Connector No.	E100
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-GS



Terminal No.	Color Of Wire	Signal Name [Specification]
11F	G	-
12F	V	-
1F	SB	-
2F	R	-
4F	L	-
6F	LG	-
8F	P	-
9F	BR	-

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10



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

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



JRMWG3332GB

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E324
Connector Name	HEADLAMP LOW RH
Connector Type	E02FGY-RS



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

Connector No.	E325
Connector Name	HEADLAMP HIGH LH
Connector Type	NU02FB



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

Connector No.	E326
Connector Name	HEADLAMP HIGH RH
Connector Type	NU02FB



Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	GR	- [Without daytime light system] - [With daytime light system]
3	L	-

Connector No.	E331
Connector Name	FRONT FOG LAMP LH
Connector Type	FH202FB



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

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



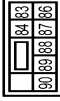
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	GR	-
3	W	-

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



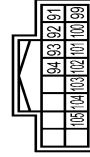
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	GR	-
3	W	-

Connector No.	E345
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS08FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
83	R	-
84	P	-
85	SP	-
86	Y	-
87	BR	-
88	V	-
89	G	-

Connector No.	E346
Connector Name	IPDM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH18FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
91	LG	-
92	P	-
93	W	-
94	O	-
95	Y	-
96	V	-
97	G	-
98	BR	-
99	LG	-
100	R	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E346
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	Z03FBR



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

Connector No.	E349
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	Z03FBR



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

Connector No.	E350
Connector Name	HEADLAMP LOW LH
Connector Type	FH202FB



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

Connector No.	E351
Connector Name	HEADLAMP LOW RH
Connector Type	FH202FB



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

Connector No.	E402
Connector Name	FRONT FOG LAMP RH
Connector Type	FH202FB



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

Connector No.	F3
Connector Name	BATTERY TERMINAL WITH DISBLE LINK
Connector Type	Z4340 JA040



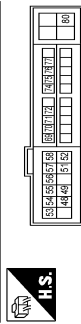
Terminal No.	Color Of Wire	Signal Name [Specification]
5	B/R	-

Connector No.	F10
Connector Name	STARTER MOTOR
Connector Type	Z4340 JA06A



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

Connector No.	F12
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE (ROOM)
Connector Type	TH20FM-CS12-M4



Terminal No.	Color Of Wire	Signal Name [Specification]
48	W	-
49	R/B	-
51	LG	-
52	Y/G	-
53	R/W	-
54	G/W	-
55	W/L	-
56	R/Y	-
57	O	-
58	Y	-
69	W/B	-
70	O	-
71	P	-
72	R/B	-
74	LG	-
75	LG	-
76	GR	-
77	B	-
80	B	-

JRMWG3335GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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

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



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

Connector No.	F14
Connector Name	ECM
Connector Type	M035FB-MEB20-LH

Terminal No.	Wire	Signal Name [Specification]
1	P	THROTTLE CONTROL MOTOR (CLOSE)
2	G/W	THROTTLE CONTROL MOTOR POWER SUPPLY
3	L	THROTTLE CONTROL MOTOR (OPEN)
4	GR	SENSOR GROUND
5	B	KNOCK SENSOR (BANK 1)
6	BR/Y	A/F SENSOR 1 HEATER (BANK 1)
7	P/B	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
8	O	THROTTLE CONTROL MOTOR RELAY
9	W	KNK2
10	B	ECM GROUND
11	L	FUEL INJECTOR No. 5
12	LG	FUEL INJECTOR No. 1
13	CG	ENGINE OIL TEMPERATURE SENSOR
14	LG	ENGINE OIL PRESSURE SENSOR
15	B	SENSOR GROUND
16	R/W	FUEL INJECTOR No. 2
17	R/B	FUEL INJECTOR No. 1
18	Y	SENSOR POWER SUPPLY



Terminal No.	Wire	Signal Name [Specification]
1	P	THROTTLE CONTROL MOTOR (CLOSE)
2	G/W	THROTTLE CONTROL MOTOR POWER SUPPLY
3	L	THROTTLE CONTROL MOTOR (OPEN)
4	GR	SENSOR GROUND
5	B	KNOCK SENSOR (BANK 1)
6	BR/Y	A/F SENSOR 1 HEATER (BANK 1)
7	P/B	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
8	O	THROTTLE CONTROL MOTOR RELAY
9	W	KNK2
10	B	ECM GROUND
11	L	FUEL INJECTOR No. 5
12	LG	FUEL INJECTOR No. 1
13	CG	ENGINE OIL TEMPERATURE SENSOR
14	LG	ENGINE OIL PRESSURE SENSOR
15	B	SENSOR GROUND
16	R/W	FUEL INJECTOR No. 2
17	R/B	FUEL INJECTOR No. 1
18	Y	SENSOR POWER SUPPLY

19	B	FUEL PUMP RELAY
20	B	REFRIGERANT PRESSURE SENSOR
21	P/B	FUEL INJECTOR No. 5
22	R/Y	FUEL INJECTOR No. 3
25	G	SENSOR GROUND
28	BR	SENSOR POWER SUPPLY
31	Y	ENGINE COOLANT TEMPERATURE SENSOR
32	W/L	HEATED OXYGEN SENSOR 2 (BANK 2)
34	L/Y	INTAKE AIR TEMPERATURE SENSOR
35	B	SENSOR GROUND
36	W/B	CRANKSHAFT POSITION SENSOR
37	GR	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 1)
38	O	MASS AIR FLOW SENSOR
39	LG	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 2)
40	LG	SENSOR GROUND
41	GR	HEATED OXYGEN SENSOR 1 (BANK 1)
42	GR	HEATED OXYGEN SENSOR 2 (BANK 2)
43	SB	A/F SENSOR 1 HEATER (BANK 1)
44	R	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
45	BR/W	REFRIGERANT PRESSURE SENSOR
51	L	SENSOR POWER SUPPLY
54	P/L	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
55	B/Y	ECM GROUND

Connector No.	F15
Connector Name	ECM
Connector Type	M035FB-MEB10-LH

Terminal No.	Wire	Signal Name [Specification]
1	P	THROTTLE CONTROL MOTOR (CLOSE)
2	G/W	THROTTLE CONTROL MOTOR POWER SUPPLY
3	L	THROTTLE CONTROL MOTOR (OPEN)
4	GR	SENSOR GROUND
5	B	KNOCK SENSOR (BANK 1)
6	BR/Y	A/F SENSOR 1 HEATER (BANK 1)
7	P/B	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
8	O	THROTTLE CONTROL MOTOR RELAY
9	W	KNK2
10	B	ECM GROUND
11	L	FUEL INJECTOR No. 5
12	LG	FUEL INJECTOR No. 1
13	CG	ENGINE OIL TEMPERATURE SENSOR
14	LG	ENGINE OIL PRESSURE SENSOR
15	B	SENSOR GROUND
16	R/W	FUEL INJECTOR No. 2
17	R/B	FUEL INJECTOR No. 1
18	Y	SENSOR POWER SUPPLY



Terminal No.	Wire	Signal Name [Specification]
58	P/B	E-CVTG01
60	W	E-CVTG02
64	G/B	SENSOR GROUND
66	L	A/F SENSOR 1 (BANK 1)
67	W	A/F SENSOR 1 (BANK 2)
68	W	BATTERY CURRENT SENSOR
69	BR	BATTERY CURRENT SENSOR
70	GR	SHIELD
71	W	THROTTLE POSITION SENSOR 1
72	R	THROTTLE POSITION SENSOR 2
75	B	SENSOR GROUND
76	LG	A/F SENSOR 1 (BANK 2)

71	V	A/F SENSOR 1 (BANK 2)
72	GR	SHIELD
83	R	CRANKSHAFT POSITION SENSOR (BANK 1)
84	W/B	ECM RELAY (SELF SHUT-OFF)
86	W/B	ECM RELAY (SELF SHUT-OFF)
87	R/Y	SENSOR POWER SUPPLY
89	BR/W	CRANKSHAFT POSITION SENSOR (BANK 2)
90	B/R	SENSOR GROUND
92	G/W	SENSOR POWER SUPPLY
98	G	SENSOR POWER SUPPLY
101	P	STARTER MOTOR RELAY CUT OFF SIGNAL
102	GR/B	VAS CONTROL SOLENOID VALVE 2
103	L/B	IGNITION SIGNAL No. 3
104	GR/R	IGNITION SIGNAL No. 6
105	B	ECM GROUND
106	GR	IGNITION SIGNAL No. 2
107	P	IGNITION SIGNAL No. 5
108	V	VAS CONTROL SOLENOID VALVE 1
110	B	ECM GROUND
113	V/R	IGNITION SIGNAL No. 1
114	W	IGNITION SIGNAL No. 4
116	W/L	POWER SUPPLY FOR ECM (BACK-UP)
117	R	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
118	Y	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
119	Y	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
120	BR	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)

Connector No.	F23
Connector Name	TCM
Connector Type	RH40FB-R28-L-RH

Terminal No.	Wire	Signal Name [Specification]
1	R/Y	-
2	P/L	-



Terminal No.	Wire	Signal Name [Specification]
2	GR	L RANGE SW
3	GR	R RANGE SW
5	G/O	N RANGE SW
6	P/B	R RANGE SW
7	BR/W	P RANGE SW
11	W/R	SENSOR GROUND
12	V	CVT FLUID TEMPERATURE SENSOR
14	W	G SENSOR

16	V/W	SECONDARY PRESSURE SENSOR
17	GR	PRIMARY PRESSURE SENSOR
23	G	CAN-H
24	BR	INPUT SPEED SENSOR
26	L/O	SENSOR POWER
30	R/Y	LINE PRESSURE SOLENOID VALVE
33	L	CAN-H
34	LG/R	OUTPUT SPEED SENSOR
35	LG	PRIMARY SPEED SENSOR
37	L/W	SELECT SOLENOID VALVE
38	V/R	TORQUE CONVERTER CLUTCH SOLENOID VALVE
39	W/B	SECONDARY PRESSURE SOLENOID VALVE
40	B/R	PRIMARY PRESSURE SOLENOID VALVE
41	B	GROUND
42	B	GROUND
43	LG	BATTERY POWER SUPPLY
46	LG	BATTERY POWER SUPPLY
47	Y	IGNITION POWER SUPPLY
48	Y	IGNITION POWER SUPPLY

Connector No.	F30
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
Connector Type	E02FL-RS-L0Y



Terminal No.	Wire	Signal Name [Specification]
1	R/Y	-
2	P/L	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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



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

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G/R	-
2	B	-
3	R/B	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	R/B	-

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



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

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	R/B	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR/R	-
2	B	-
3	R/B	-

Connector No.	F48
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EQJFG-RS-LGY



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

Connector No.	F49
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EQJFG-RS-LGY



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No. F51	Connector Name INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)	Connector Type E02FG-RS-LGY	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	R/W	-	
2	R	-	
Connector No. F52	Connector Name INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)	Connector Type E02FG-RS-LGY	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	R/W	-	
2	Y	-	
Connector No. F53	Connector Name INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 1)	Connector Type E02FG-RS-LGY	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	L	-	
2	V	-	
Connector No. F54	Connector Name INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 2)	Connector Type E02FG-RS-LGY	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	L	-	
2	BR	-	
Connector No. F59	Connector Name ALTERNATOR	Connector Type 24340-JA09A	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	B/R	-	
4	Y/B	-	
5	SB	-	
Connector No. F60	Connector Name ALTERNATOR	Connector Type HS03FB	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
3	BR	-	
4	Y/B	-	
5	SB	-	
Connector No. F74	Connector Name VIA CONTROL SOLENOID VALVE 1	Connector Type E02FB-RS	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	R/W	-	
2	V	-	
Connector No. F75	Connector Name VIA CONTROL SOLENOID VALVE 2	Connector Type E02FB-RS	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	R/W	-	
2	GF/B	-	

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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



4	3	2	1
10	9	8	7
6	5		

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	R/Y	-
3	W/L	-
4	R/W	-
5	B	-
6	B	-
7	B	-
8	B	-
9	B	-
10	B	-

Connector No.	F123
Connector Name	WIRE TO WIRE
Connector Type	TK1P5CH-1V



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

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

13	G	-
14	B	-
15	L/O	-
16	R	-

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD1EFW



11	14	16
3	4	5
6	7	8

Terminal No.	Color Of Wire	Signal Name [Specification]
3	LG	-
4	GR	-
5	GR	-
6	L	-
7	R	-
8	G	-
11	SB	-
14	P	-
16	P	-

Connector No.	M5
Connector Name	VDC OFF SWITCH
Connector Type	TH08FB-NH



4	3
2	1

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

Connector No.	M6
Connector Name	FUSE BLOCK (J/B)
Connector Type	CS06FW-M2



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

Terminal No.	Color Of Wire	Signal Name [Specification]
1A	G	-
2A	G	-
3A	L	-
4A	GR	-
5A	V	-
6A	R	-
7A	GR	-
8A	L	-

Connector No.	M7
Connector Name	FUSE BLOCK (J/B)
Connector Type	NSUPW-CS



4B	3B
9B	8B
6B	5B

Terminal No.	Color Of Wire	Signal Name [Specification]
3B	V	-
4B	W	-
5B	GR	-
6B	O	-
7B	DL	-
8B	GR	-

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH06FW-CS1C-M3



1. 姓名										2. 性别										3. 年龄										4. 职业										5. 学历										6. 婚姻状况										7. 健康状况										8. 兴趣爱好										9. 其他																													
10. 住址										11. 联系电话										12. 电子邮箱										13. 身份证号										14. 血型										15. 身高										16. 体重										17. 血型										18. 血型										19. 血型										20. 血型									
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BATTERY POWER SUPPLY

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M42
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FY-EX-IV



Connector No.	M45
Connector Name	HAZARD SWITCH
Connector Type	TK04FW



Connector No.	M49
Connector Name	A/C AMP.
Connector Type	TH40FW-NH



Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	TH40FW-NH



Terminal No.	Color	Wire	Signal Name [Specification]
1	P	-	-
2	G	-	-
23	-	-	-
29	V	-	-
30	Y	-	-

Connector No.	M39
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LG



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

Connector No.	M48
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LG



Terminal No.	Color	Wire	Signal Name [Specification]
1	P	-	BATTERY POWER SUPPLY
2	G	-	IGNITION POWER SUPPLY
4	SB	-	DOOR MOTOR POWER SUPPLY
5	BR	-	LAN SIGNAL
7	R	-	REAR WINDOW DEFOGGER F/B SIGNAL
8	P	-	ILLUMINATION POWER SUPPLY
9	GR	-	ACC POWER SUPPLY
10	W	-	FRONT BLOWER MOTOR CONTROL SIGNAL
12	BE	-	BLOWER FAN ON SIGNAL
13	G	-	A/C ON SIGNAL
17	G	-	ENGINE COOLANT TEMPERATURE SIGNAL
21	B	-	GROUND
23	B	-	GROUND
27	BE	-	REAR WINDOW DEFOGGER ON SIGNAL
29	R	-	REAR BLOWER MOTOR CONTROL SIGNAL
30	R	-	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	-	COMM (A/C AUTO AMP->PR A/C CONT)
33	W	-	COMM (RR A/C CONT->A/C AUTO AMP)
37	BE	-	INTAKE SENSOR SIGNAL
40	G	-	SENSOR GROUND

Terminal No.	Color	Wire	Signal Name [Specification]
1	P	-	BATTERY POWER SUPPLY
2	G	-	IGNITION POWER SUPPLY
4	SB	-	DOOR MOTOR POWER SUPPLY
5	BR	-	LAN SIGNAL
7	R	-	REAR WINDOW DEFOGGER F/B SIGNAL
8	P	-	ILLUMINATION POWER SUPPLY
9	GR	-	ACC POWER SUPPLY
10	W	-	FRONT BLOWER MOTOR CONTROL SIGNAL
12	BE	-	BLOWER FAN ON SIGNAL
13	G	-	A/C ON SIGNAL
15	GR	-	IONIZER ON/OFF CONTROL SIGNAL
17	G	-	ENGINE COOLANT TEMPERATURE SIGNAL
18	W	-	SUNLOAD SENSOR SIGNAL
19	P	-	FRONT IN-VEHICLE SENSOR SIGNAL
20	R	-	REAR IN-VEHICLE SENSOR SIGNAL
23	B	-	GROUND
27	BE	-	VEHICLE SPEED SIGNAL
28	GR	-	REAR WINDOW DEFOGGER ON SIGNAL
30	R	-	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	-	COMM (A/C AUTO AMP->RR A/C CONT)
33	W	-	COMM (RR A/C CONT->A/C AUTO AMP)
36	R	-	EDM GAS OUTSIDE DOOR DETECTING SENSOR SIGNAL
37	BE	-	INTAKE SENSOR SIGNAL
38	GR	-	REAR IN-VEHICLE SENSOR SIGNAL
39	L	-	AMBIENT SENSOR SIGNAL
40	G	-	SENSOR GROUND

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

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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M64
Connector Name	METER CONTROL SWITCH
Connector Type	TH03MH-NH



Connector No.	M60
Connector Name	BSW SWITCH
Connector Type	TH08FL-NH



Connector No.	M63
Connector Name	AUTOMATIC BACK DOOR SWITCH
Connector Type	TH08GY-NH



Connector No.	M66
Connector Name	FOOT LAMP (DRIVER SIDE)
Connector Type	A02FW



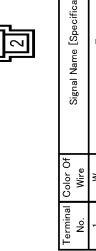
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	- [Without automatic drive positioner]
2	R/L	- [With automatic drive positioner]
2	B/R	- [Without automatic drive positioner]
3	GR	- [Without automatic drive positioner]
4	BR	- [With automatic drive positioner]
5	G	- [Without automatic drive positioner]
5	SB	- [With automatic drive positioner]
6	P	-

Connector No.	M65
Connector Name	ILLUMINATION CONTROL SWITCH
Connector Type	TH03MH-NH



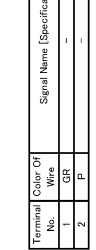
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	P	-
4	B	-
5	G	-
6	P	-

Connector No.	M69
Connector Name	WIRE TO WIRE
Connector Type	M02FW-GY-LC



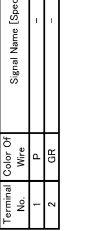
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	P	-
4	GR	-

Connector No.	M65
Connector Name	O/V SHIFT SELECTOR ILLUMINATION
Connector Type	TK02FBR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	B	-

Connector No.	M67
Connector Name	FOOT LAMP (PASSENGER SIDE)
Connector Type	A02FW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	GR	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	- [Without automatic drive positioner]
1	R/L	- [With automatic drive positioner]
2	B	- [Without automatic drive positioner]
2	B/R	- [With automatic drive positioner]
3	Y	- [Without automatic drive positioner]
3	Y	- [With automatic drive positioner]
4	G	- [Without automatic drive positioner]
4	V	- [With automatic drive positioner]
6	P	-

JRMWG3342GB

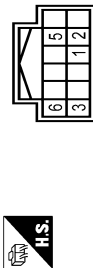
A
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P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M100
Connector Name	SLIDING DOOR OPEN / CLOSE SWITCH (FRONT SIDE)
Connector Type	TH12FCY-NH



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

Connector No.	M81
Connector Name	SELECTIVE UNLOCK RELAY
Connector Type	INS03FE-M2-LG



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

Connector No.	M101
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



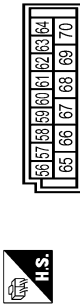
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	B	-
3	P	-
4	V	-
5	W	-
6	R	-
7	G	-
8	W	-

Connector No.	M104
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	INS06FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
25	R	BAT
30	GR	GROUND

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FW-FH46-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
65	Y	INT ROOM LAMP PWR SPLY
66	Y	BAT
67	Y	AIR BAG
68	O	PASS DOOR UNLK OUTPUT
69	V	TURN SIG LH OUTPUT
70	G	TURN SIG RH OUTPUT
71	W	STEP LAMP CONT
72	W	INT ROOM LAMP CONT
73	R	CRANK REQ
74	W	ALL DOOR UNLK OUTPUT
75	V	DR DOOR LOCK OUTPUT
76	G	GROUND
77	B	PW PWR SPLY (IGN)
78	L	PW PWR SPLY (BAT)
79	P	BAT
80	L	BAT

Connector No.	M124
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
73	G	ON IND
75	G	DR DOOR REQ SW
76	V	PUSH SW
78	B	DR DOOR ANT+
79	W	DR DOOR ANT-

80	GR	PASS DOOR ANT+
81	BE	PASS DOOR ANT-
82	G	REAR EMER ANT+
83	R	REAR EMER ANT-
84	GR	ROOM ANT+
85	B	ROOM ANT1-
86	W	ROOM ANT2+
87	BE	ROOM ANT2-
88	GR	LAGGAGE ROOM ANT+
89	B	LAGGAGE ROOM ANT-
90	P	PUSH-BTN IGN SW ILL PWR SPLY
91	W	LOCK IND
92	B	PUSH-BTN IGN SW ILL OND
93	R	PRE WARM BUZZER
94	BE	ACCEL RELAY
95	W	STARTER RELAY CONT
96	P	IGN RELAY (PDM 2/R) CONT
97	G	IGN RELAY (F/B) CONT OUTPUT
98	G	PASS DOOR REQ SW
99	R	IGN PWR SPLY 2
100	R	P/N POSITION
101	L	CVT SHIFT SELECT PWR SPLY
102	L	STOP LAMP SW 2
103	R	BLWR RELAY CONT OUTPUT
104	O	ACC IND
105	R	
106	R	
107	R	
108	R	
109	R	

Connector No.	M138
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



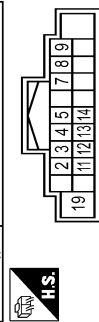
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

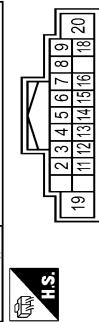
Connector No.	Connector Name	Connector Type
27	GR	CONTROL SIGNAL
28	BE	VEHICLE SPEED (8-PULSE)
29	W	MICROPHONE VCC

Connector No.	Connector Name	Connector Type
M142	AUDIO UNIT	
NH18PW-CS2		



Terminal No.	Color Of Wire	Signal Name [Specification]
2	Y	SOUND SIGNAL FRONT SPEAKER LH (+)
3	B	SOUND SIGNAL FRONT SPEAKER RH (+)
4	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	LG	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
7	GR	ILLUMINATION CONTROL SIGNAL (-)
8	B	ACC
9	P	ILLUMINATION CONTROL SIGNAL (+)
11	B	SOUND SIGNAL FRONT SPEAKER RH (+)
12	L	SOUND SIGNAL FRONT SPEAKER LH (+)
13	P	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
19	Y	BATTERY

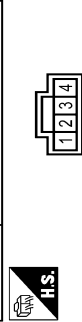
Connector No.	Connector Name	Connector Type
M144	AUDIO UNIT	
NH18PW-CS2		



Terminal No.	Color Of Wire	Signal Name [Specification]
2	Y	SOUND SIGNAL FRONT SPEAKER LH (+)
3	B	SOUND SIGNAL FRONT SPEAKER RH (+)
4	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)

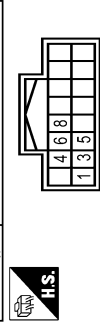
Terminal No.	Color Of Wire	Signal Name [Specification]
5	LG	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
7	G	STRG SW A
8	B	ILLUMINATION CONTROL SIGNAL (-)
9	P	ILLUMINATION CONTROL SIGNAL (+)
11	B	SOUND SIGNAL FRONT SPEAKER RH (+)
12	L	SOUND SIGNAL FRONT SPEAKER LH (+)
13	P	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
15	GR	STRG SW GND
16	P	STRG SW B
18	BE	VEHICLE SPEED (8-PULSE)
19	Y	BATTERY
20	B	GROUND

Connector No.	Connector Name	Connector Type
M153	DISC EJECT SWITCH	
JAB04FB		



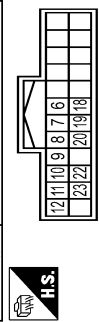
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	GR	-
3	R	-
4	W	-

Connector No.	Connector Name	Connector Type
M154	MULTIFUNCTION SWITCH	
TH16FW-NH		



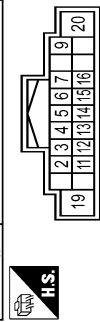
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	Y	ACC
3	V	ILL CONT
4	GR	AV COMM (H)
5	GR	ILL CONT
6	SB	AV COMM (L)
8	LG	

Connector No.	Connector Name	Connector Type
M155	FRONT DISPLAY UNIT	
TH24FW-NH		



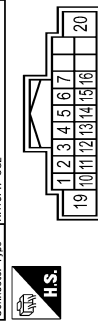
Terminal No.	Color Of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	Y	CAMERA IMAGE SIGNAL
9	W	COMM DISP->CONT
10	B	COMM CONT->DISP
11	SB	BATTERY
12	B	GROUND
13	W	COMPOSITE IMAGE SIGNAL
19	B	COMPOSITE SYNC
20	B	SHIELD
22	O	ACC
23	O	ACC

Connector No.	Connector Name	Connector Type
M183	AV CONTROL UNIT	
NH18PW-CS2		



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	SOUND SIGNAL FRONT SPEAKER LH (+)
3	SB	SOUND SIGNAL FRONT SPEAKER RH (+)
4	V	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
6	BE	STRG SW A
7	O	ACC
9	BE	MR OUTPUT
11	L	SOUND SIGNAL FRONT SPEAKER RH (+)
12	B	SOUND SIGNAL FRONT SPEAKER LH (+)
13	BR	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
15	W	STRG SW GND
16	P	STRG SW B
19	SB	BATTERY
20	B	GROUND

Connector No.	Connector Name	Connector Type
M191	AV CONTROL UNIT	
NH18PW-CS2		



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	AMP ON SIGNAL
2	R	SOUND SIGNAL FRONT LH (+)
3	G	SOUND SIGNAL FRONT RH (+)
4	B	SOUND SIGNAL REAR LH (+)
5	W	SOUND SIGNAL REAR RH (+)

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Terminal No.	Color Of Wire	Signal Name [Specification]
9	BE	STRG SW A
10	GR	ACC
11	W	SHIELD
12	B	SOUND SIGNAL FRONT RH (+)
13	BR	SOUND SIGNAL FRONT RH (-)
14	Y	SOUND SIGNAL REAR RH (+)
15	W	SOUND SIGNAL REAR RH (-)
16	P	STRG SW GND
19	SB	BATTERY
20	B	GROUND

Connector No.	Connector Name	Signal Name [Specification]
M212	HEATED SEAT SWITCH (PASSENGER SIDE)	
NS08PW-CS		



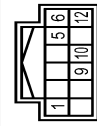
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	
2	SP	
3	Y	
4	GR	
5	P	
6	B	

Connector No.	Connector Name	Signal Name [Specification]
M213	HEATED SEAT SWITCH (DRIVER SIDE)	
NS08PW-CS		



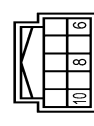
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	
2	BR	
3	LG	
4	B	
5	P	
6	GR	

Connector No.	Connector Name	Signal Name [Specification]
R16	REAR A/C CONTROL	
TH12FW-NH		



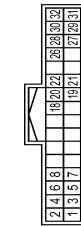
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
5	R	ILL* (With auto A/C)
6	R/L	ILL* (With manual A/C)
8	Y	ILL*
9	GR	EX (With manual A/C)
10	BR	RX (With auto A/C)
12	G	TX
		IGN

Connector No.	Connector Name	Signal Name [Specification]
R25	AUTO ANTI-DAZZLING INSIDE MIRROR	
TH10FB-NH		



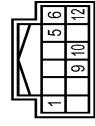
Terminal No.	Color Of Wire	Signal Name [Specification]
6	V	
8	G	
10	BR	

Connector No.	Connector Name	Signal Name [Specification]
R38	REAR DISPLAY UNIT	
TH02FW-NH		



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W/L	HEADPHONE SOUND SIGNAL RH (-)
2	L/O	HEADPHONE SOUND SIGNAL LH (-)
3	W	HEADPHONE SOUND SIGNAL LH (+)
4	B	SHIELD
5	B	SHIELD
6	B	SHIELD
8	B	COMPOSITE IMAGE SIGNAL
9	B	COMPOSITE IMAGE SIGNAL GND
18	W	SHIELD
19	W	SHIELD
20	Y	AV COMM (L)
21	B	AV COMM (H)
22	BR	AV COMM (H)
26	LG	IGN
27	SB	ILL
28	V	ACC
29	GR	+B
30	GR	+B
31	B	GROUND
32	B	GROUND

Connector No.	Connector Name	Signal Name [Specification]
R101	REAR A/C CONTROL	
TH12FW-NH		



Terminal No.	Color Of Wire	Signal Name [Specification]
5	B	GROUND
6	B	ILL*
9	LG	RX
10	SB	TX
12	P	IGN [Without automatic drive positioner]
12	V	IGN [With automatic drive positioner]

Connector No.	Connector Name	Signal Name [Specification]
R108	REMOTE KEYLESS ENTRY RECEIVER	
TH04FW-NH		



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	BAT
2	L	SIGNAL
4	LG	GROUND

JRMWG3345GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	R109
Connector Name	MAP LAMP
Connector Type	TR08EGY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	Y	-
3	Y	-
4	B	-
5	BR	-
6	SB	-

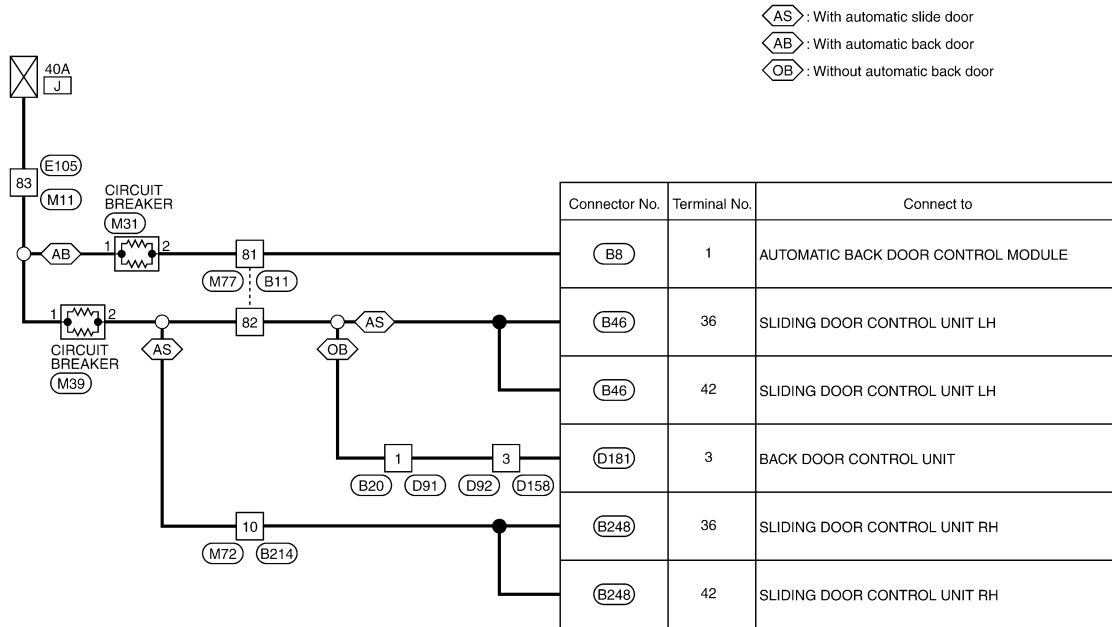
JRMWG3346GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000011321042



2014/07/25

JRMWG3347GB

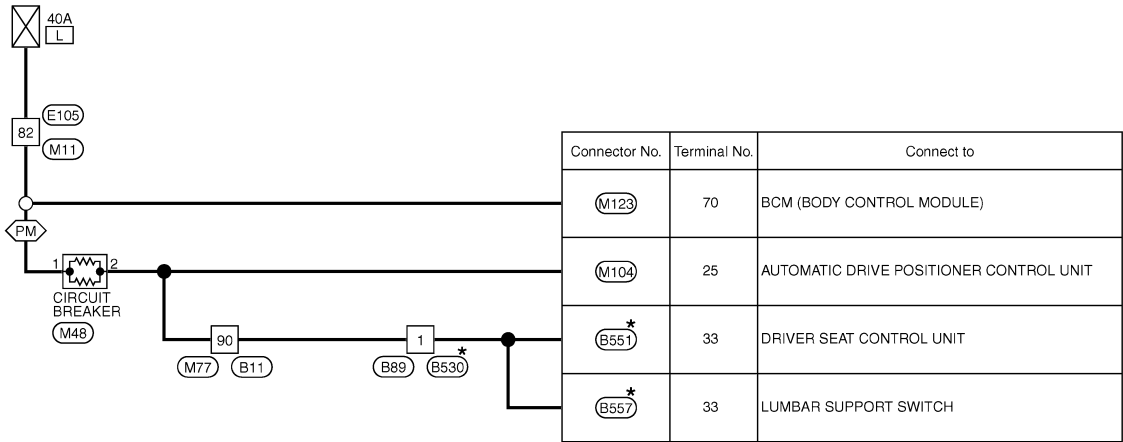
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:0000000011321043

PM : With automatic drive positioner



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

2010/12/13

JCMWA7701GB

POWER SUPPLY ROUTING CIRCUIT

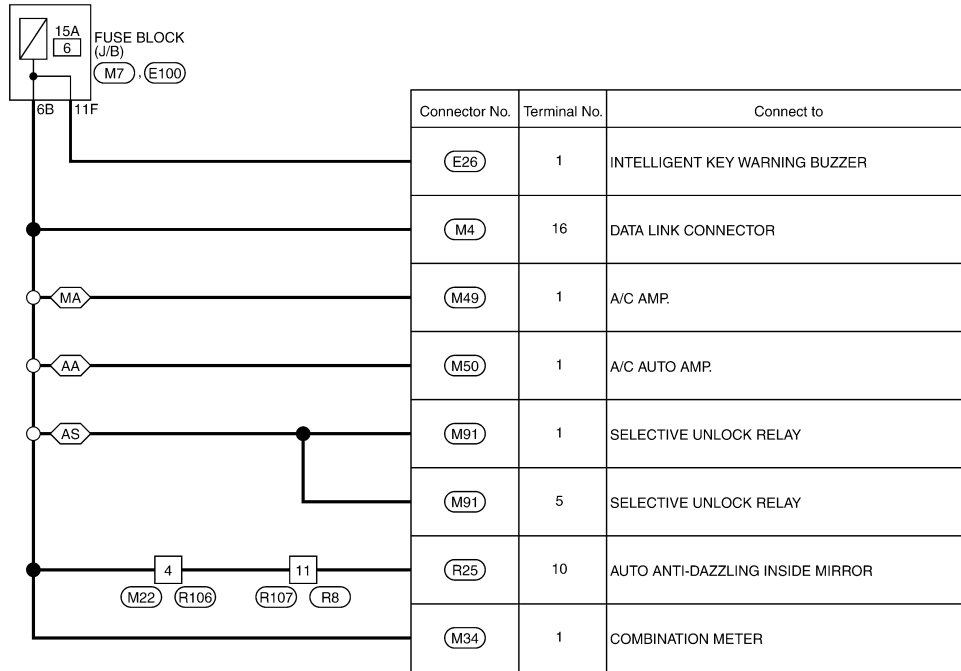
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000011321044

BATTERY POWER SUPPLY FUSE No. 6

AS : With automatic slide door
AA : With auto A/C
MA : With manual A/C



2014/07/25

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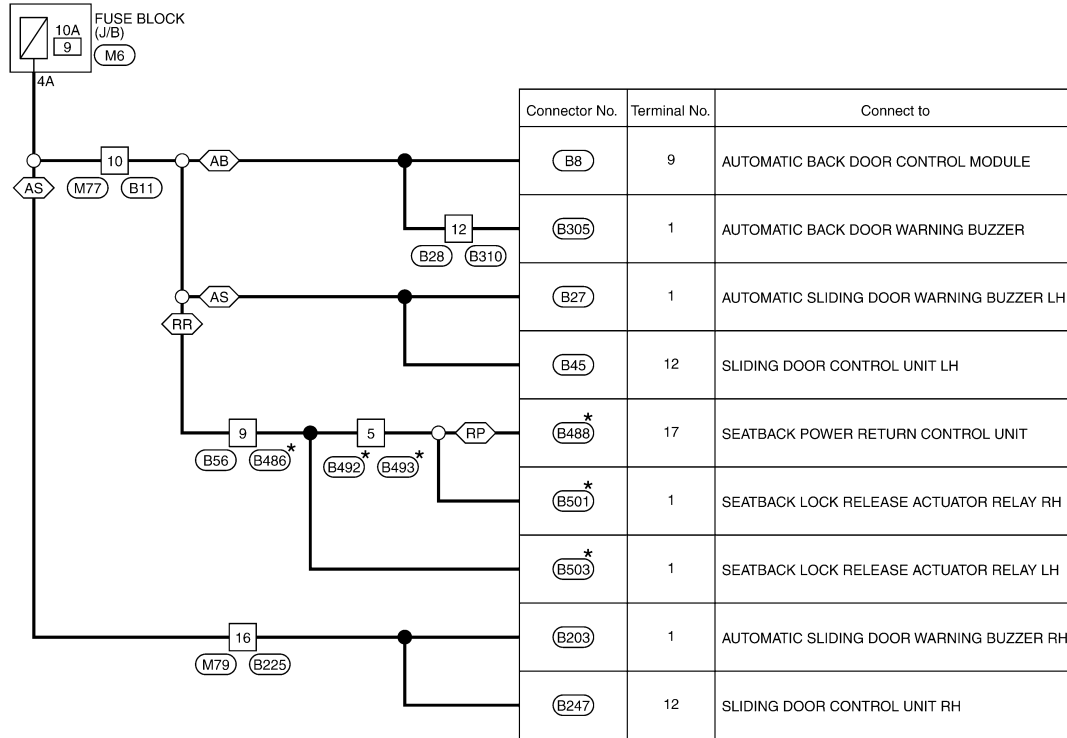
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000011321045

- RP : With seatback power return system
- RR : With seatback power folding system
- AS : With automatic slide door
- AB : With automatic back door



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

2014/07/25

JRMWG3349GB

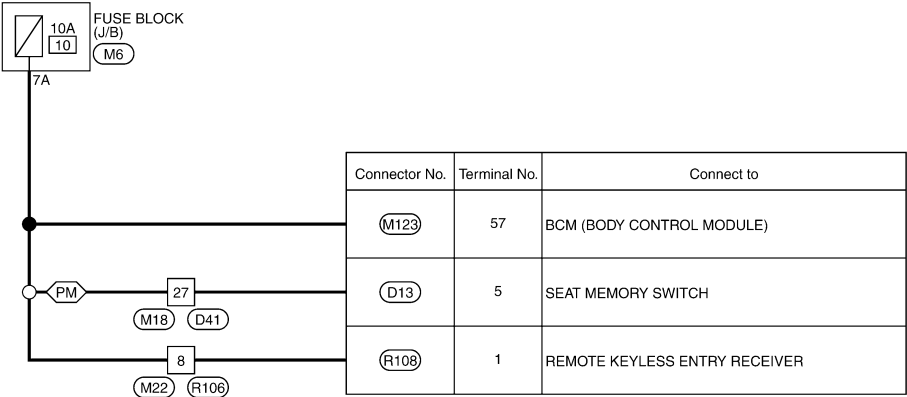
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000011321046

PM : With automatic drive positioner



2014/07/25

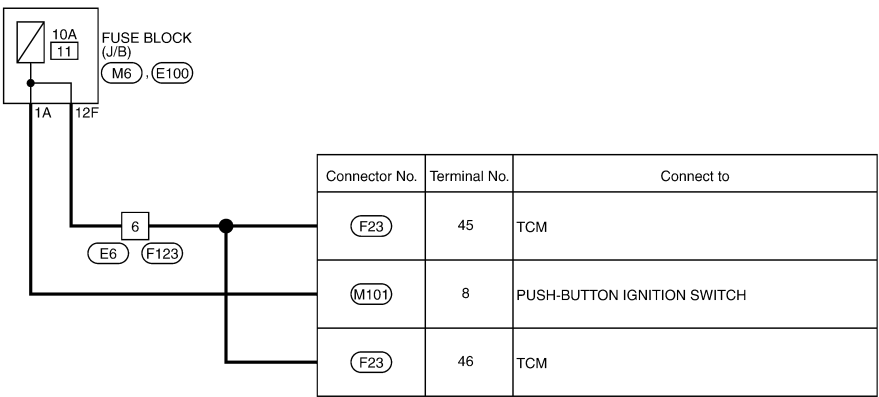
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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2014/07/25

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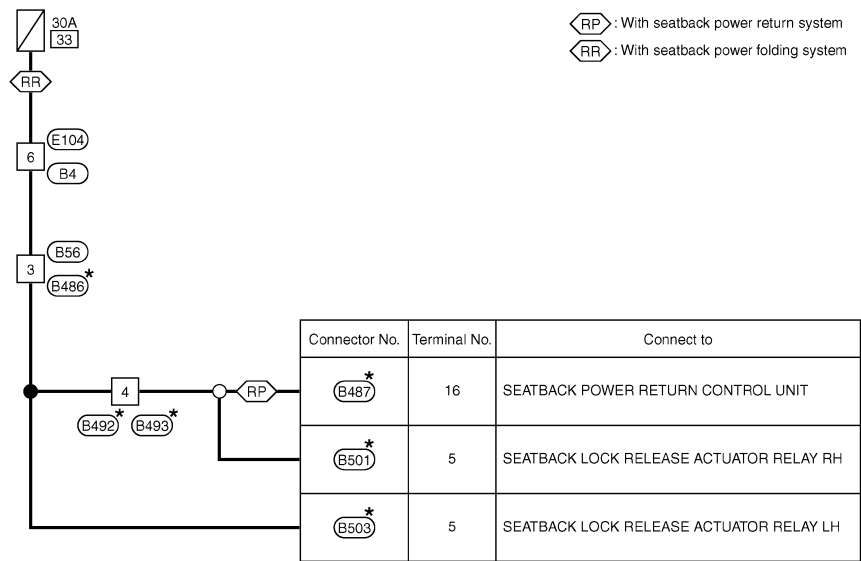
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 33 -
BATTERY POWER SUPPLY FUSE No. 33

INFOID:000000011321048



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

2010/12/13

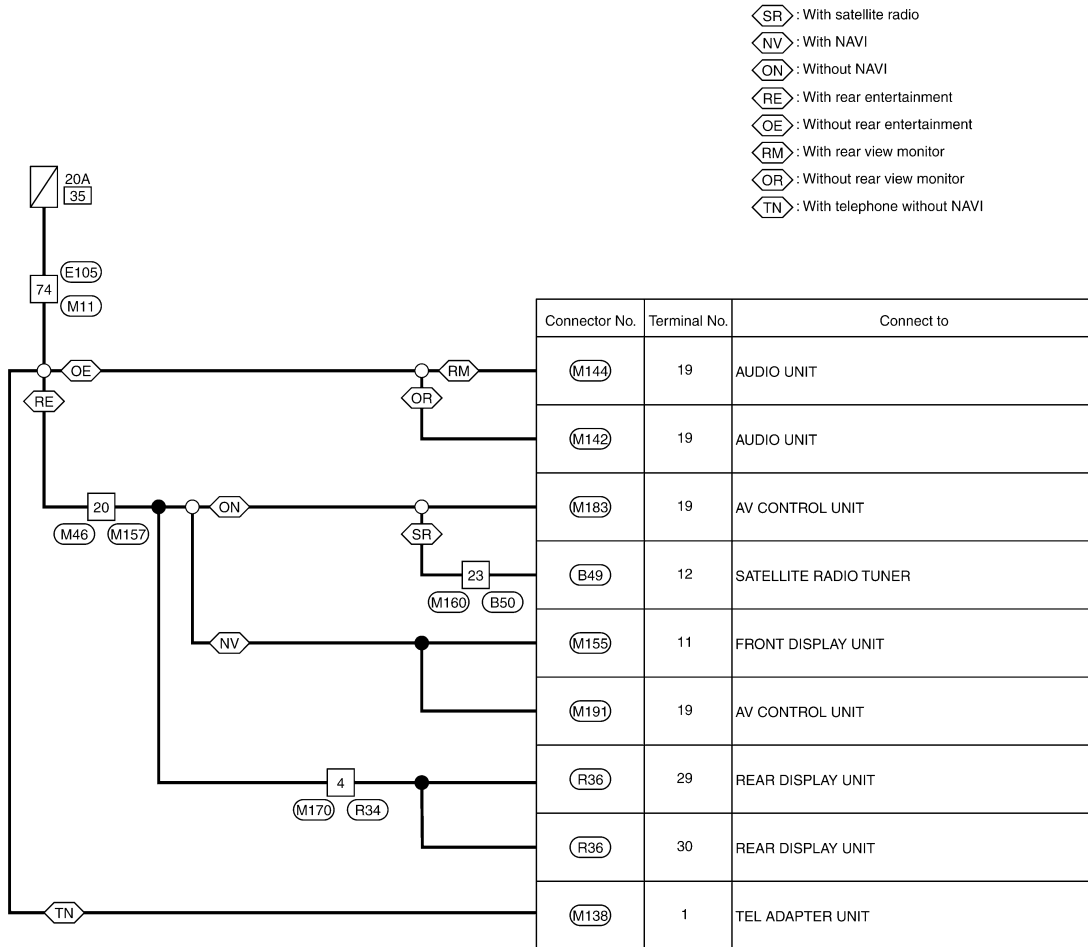
JCMWA7719GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 35 - BATTERY POWER SUPPLY FUSE No. 35

INFOID:000000011321049



2014/07/25

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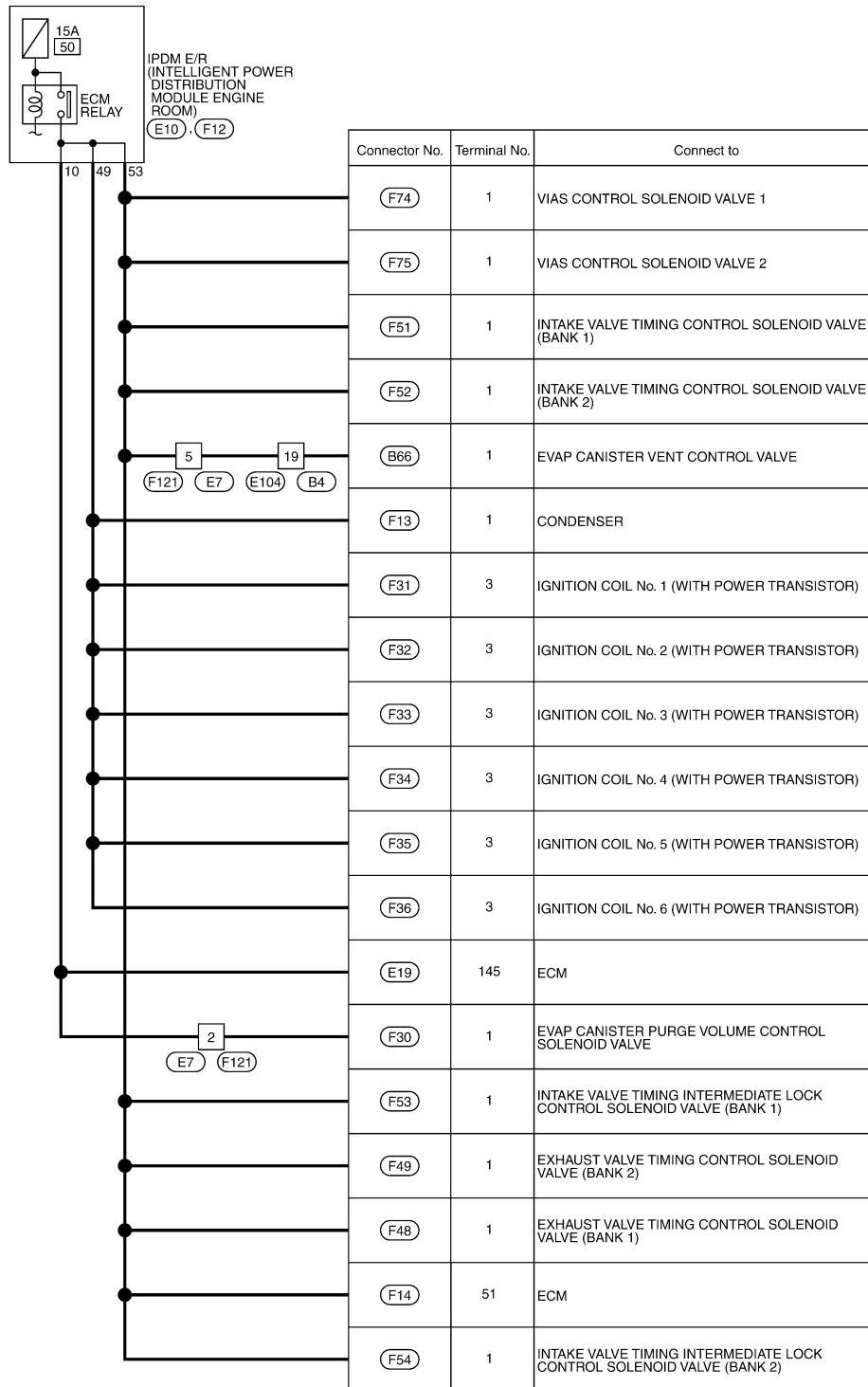
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000011321050

BATTERY POWER SUPPLY FUSE No. 50



2014/07/25

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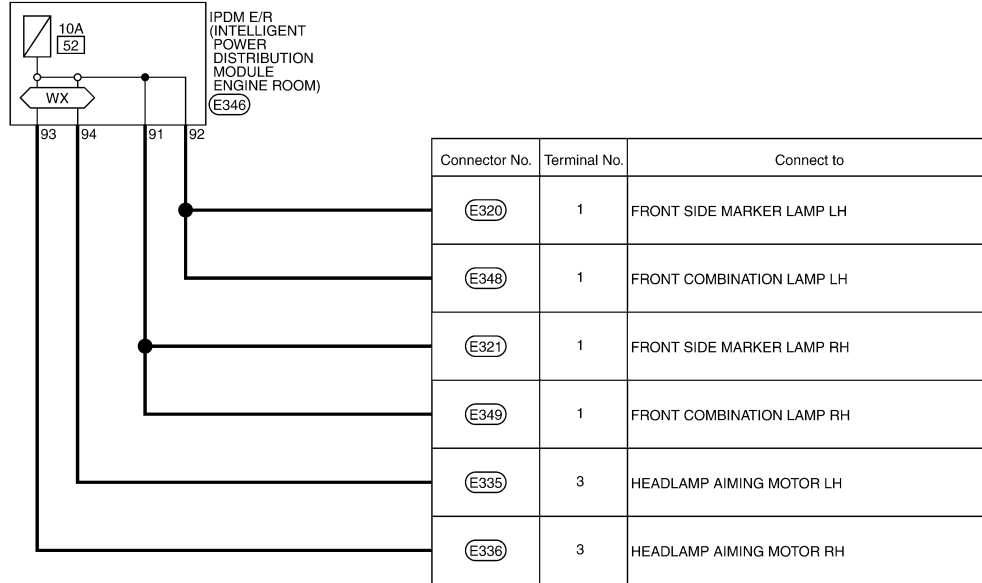
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:0000000011321051

 : With xenon headlamp



2014/07/25

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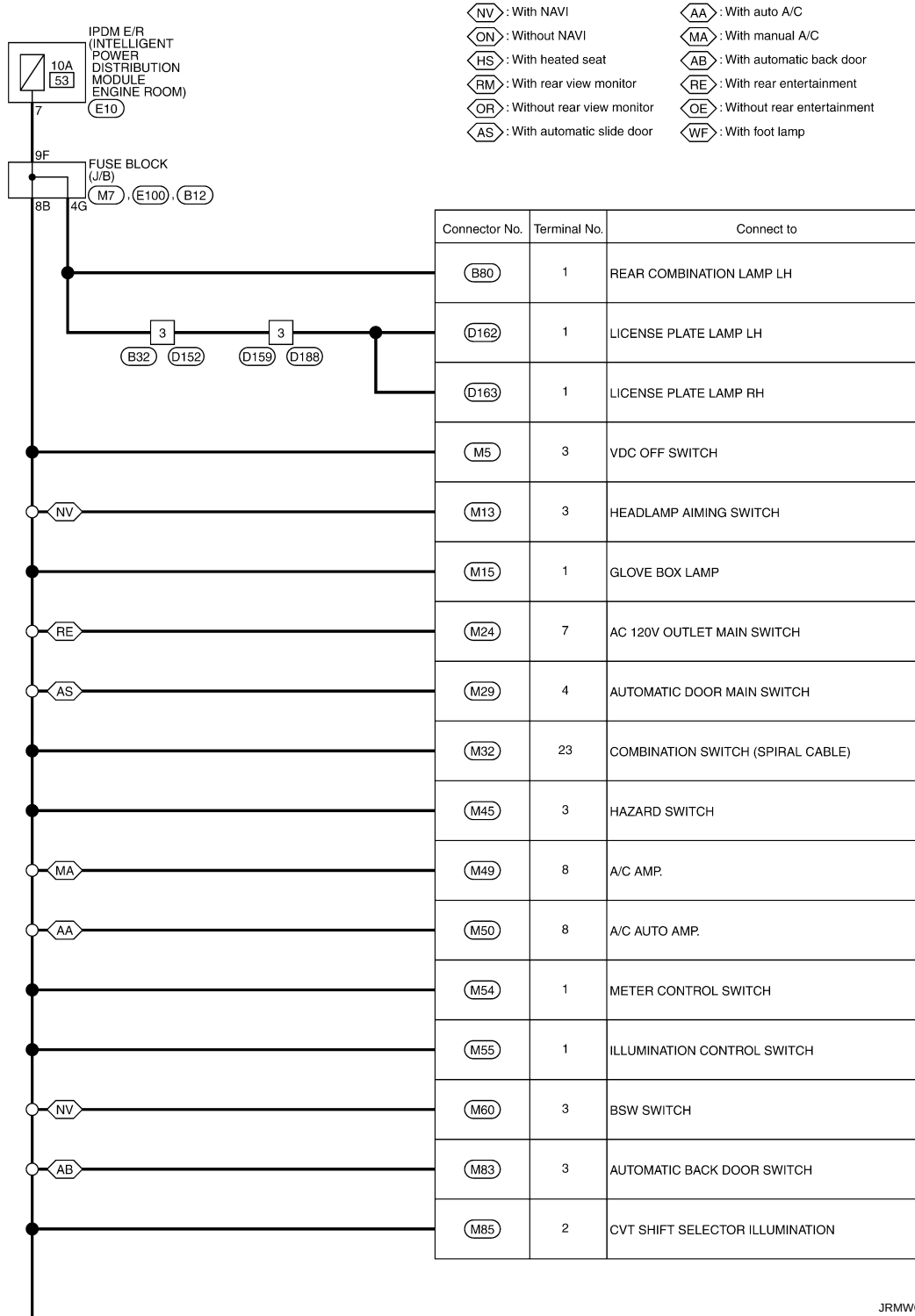
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000011321052

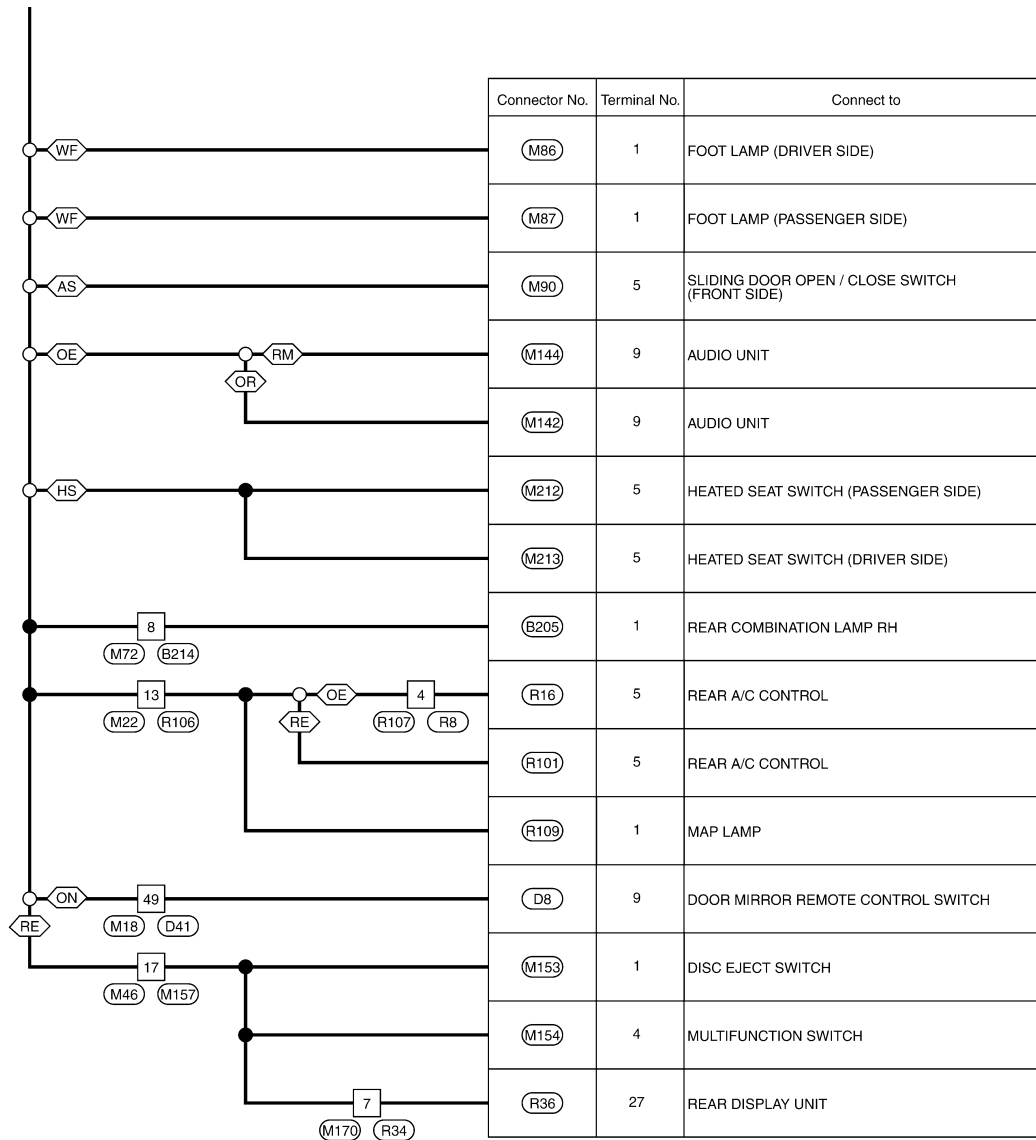
BATTERY POWER SUPPLY FUSE No. 53



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



2014/07/25

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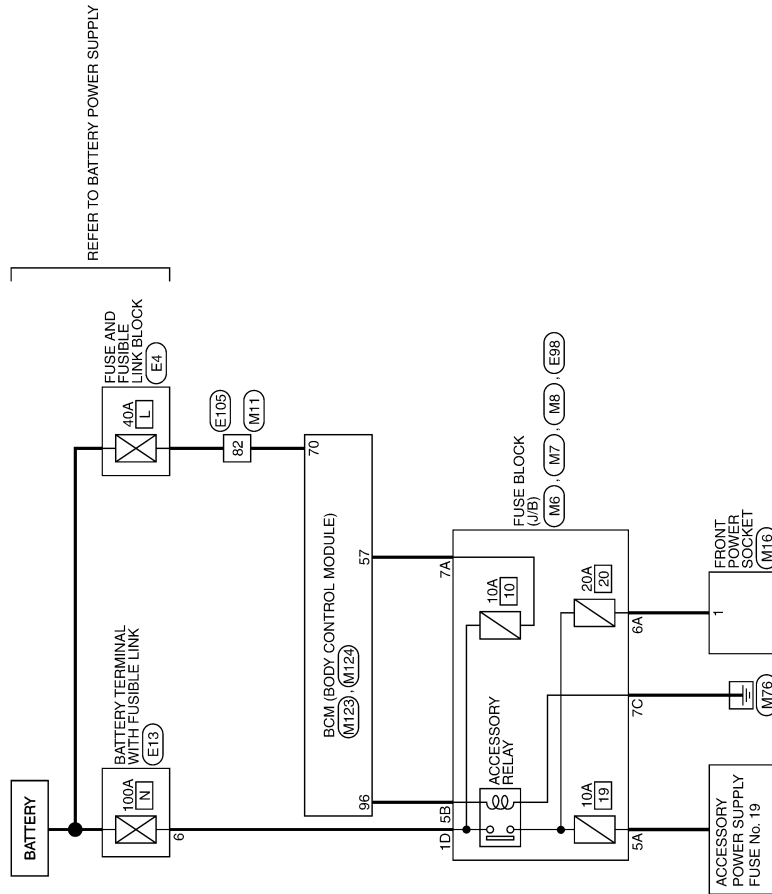
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000011321053

ACCESSORY POWER SUPPLY



2014/07/25

JRMWG3357GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	E49
Connector Name	SATELLITE RADIO TUNER
Connector Type	A16FW



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

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

Connector No.	D8
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TK16FW



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

Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	GR	-
3	B	-
4	R	-
10	G	-
12	W	-
13	G	-

14	GR	-
15	R	-
16	P	-

Connector No.	E4
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	2438T 7990A



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

Terminal No.	Color Of Wire	Signal Name [Specification]
33	LG	-
34	L	-
35	Y	-
37	SB	-
38	W	-
F	G	-
G	R	-
H	G	-
J	R	-
K	L	-
M	BR	-

Connector No.	E13
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	L01FB-MC



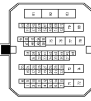
Terminal No.	8
Color Of Wire	W
Signal Name [Specification]	-

Connector No.	E58
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-MC



Terminal No.	ID
Color Of Wire	W
Signal Name [Specification]	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CST0-M3



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	-
2	W	-
3	B	-
4	R	-
6	LG	-
7	R	-
8	GR	-
10	BR	-
11	Y	-
12	O	-
13	W	-
14	L	-

15	P	-
31	GR	-
32	Y	-
37	BR	-
38	G	-
39	V	-
40	P	-
41	L	-
42	LG	-
43	O	-
45	P	-
46	SB	-
47	V	-
49	L	-
51	BR	-
52	G	-
53	B	-
54	O	-
55	Y	-
56	SHIELD	-
61	P	-
62	G	-
63	W/L	-
64	W/R	-
66	W	-
67	Y	-
69	R	-
71	L	-
72	L	-
73	GR	-
74	W	-
75	SB	-
76	Y	-
77	G	-
78	O	-
80	R	-
81	L	-
82	LG	-
83	R	-

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POWER SUPPLY ROUTING CIRCUIT

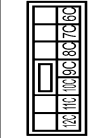
< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	M6
Connector Name	FUSE BLOCK (J/B)
Connector Type	CS06FW-M2

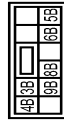


Connector No.	M8
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1A	G	—
2A	G	—
3A	L	—
4A	GR	—
5A	V	—
6A	R	—
7A	GR	—
8A	L	—

Connector No.	M7
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-CS

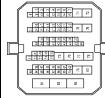


Terminal No.	Color Of Wire	Signal Name [Specification]
1B	V	—
3B	W	—
4B	BR	—
5B	O	—
6B	RV	—
8B	GR	—

13	Y	— [With automatic drive positioner]
14	L	—
15	P	—
31	R	—
32	LG	—
37	BR	— [With automatic drive positioner]
37	W	— [Without automatic drive positioner]
38	R	—
39	BE	— [Without automatic drive positioner]
39	Y	— [With automatic drive positioner]
40	P	—
41	L	—
42	G	—
43	W	—
44	V	—
46	Y	—
47	R	—
49	G	—
51	G	—
52	W	—
53	B	—
54	LG	—
55	L	—
56	SHIELD	—
61	R	—
62	W	—
63	B	—
64	W	—
67	BR	—
69	P	—
71	R	—
72	L	—
73	LG	—
74	Y	—
75	V	—
76	P	—
77	BR	—
78	Y	—
80	Y	—
81	W	—
82	L	—
83	R	—

Terminal No.	Color Of Wire	Signal Name [Specification]
11C	LG	—
11C	V	—
12C	Y	—
6C	GR	—
7C	GR	—
8C	G	—
9C	Y	—

Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	1H10FW-CS10-M3



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	—
2	W	—
3	B	—
4	R	—
5	G	—
6	GR	—
8	B	—
10	R	—
11	W	—
12	L	— [Without automatic drive positioner]
12	LG	— [With automatic drive positioner]
13	G	— [Without automatic drive positioner]

Connector No.	M16
Connector Name	FRONT POWER SOCKET
Connector Type	P102FB-Z



Terminal No.	Color Of Wire	Signal Name [Specification]
2	R	—
2	B	—

Connector No.	M49
Connector Name	A/C AMP.
Connector Type	TH40FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
4	SB	DOOR MOTOR POWER SUPPLY
5	BR	LAN SIGNAL
7	R	REAR WINDOW DEFOGGER F/B SIGNAL
8	P	ILLUMINATION POWER SUPPLY
9	GR	ACC POWER SUPPLY
10	W	FRONT BLOWER MOTOR CONTROL SIGNAL
12	BE	BLOWER FAN ON SIGNAL
13	G	A/C ON SIGNAL
14	GR	ENGINE COOLANT TEMPERATURE SIGNAL
21	B	GROUND
23	B	GROUND
27	BE	REAR WINDOW DEFOGGER ON SIGNAL
28	GR	ILLUMINATION GROUND
30	R	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	COMM (A/C AUTO AMP->RR A/C CONT)
33	W	COMM (RR A/C CONT->A/C AUTO AMP.)

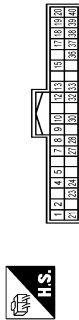
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

37	BE	INTAKE SENSOR SIGNAL
40	G	SENSOR GROUND

Connector No.	M150
Connector Name	A/C AUTO AMP.
Connector Type	TH40FW-NH



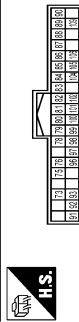
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	IGNITION POWER SUPPLY
2	G	DOOR MOTOR POWER SUPPLY
4	SB	LAN SIGNAL
5	BR	REAR WINDOW DEFROGGER F/B SIGNAL
7	R	ILLUMINATION POWER SUPPLY
8	P	ACC POWER SUPPLY
9	GR	FRONT BLOWER MOTOR CONTROL SIGNAL
10	W	FRONT BLOWER FAN ON SIGNAL
12	BE	A/C ON SIGNAL
13	G	ENGINE ON OFF CONTROL SIGNAL
15	GR	ENGINE ON OFF CONTROL SIGNAL
16	G	ENGINE ON OFF CONTROL SIGNAL
18	W	SUNLOAD SENSOR SIGNAL
19	P	FRONT IN-VEHICLE SENSOR SIGNAL
20	R	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
21	B	GROUND
23	B	GROUND
24	BE	VEHICLE SPEED SIGNAL
27	BE	REAR WINDOW DEFROGGER ON SIGNAL
28	GR	ILLUMINATION GROUND
30	R	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	COMM (A/C AUTO AMP. → RR A/C CONT.)
33	W	COMM (RR A/C CONT. → A/C AUTO AMP.)
36	R	EXH GAS OUTSIDE COOL DETECTING SENSOR SIGNAL
37	BE	INTAKE SENSOR SIGNAL
38	GR	REAR DEFROGGER SENSOR SIGNAL
39	U	AMBIENT SENSOR SIGNAL
40	G	SENSOR GROUND

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FE409FW-FH46-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
56	P	INT ROOM LAMP PWR SPLY
57	Y	INT ROOM LAMP PWR SPLY
58	O	INT ROOM LAMP PWR SPLY
59	SB	PASS DOOR UNLK OUTPUT
60	V	TURN SIG RH OUTPUT
61	G	TURN SIG LH OUTPUT
62	W	STEP LAMP CONT
63	R	INT ROOM LAMP CONT
64	W	CRANK REQ
65	V	ALL DOOR LOCK OUTPUT
66	G	DR DOOR UNLK OUTPUT
67	B	GROUND
68	L	PW PWR SPLY (IGN)
69	P	PW PWR SPLY (BAT)
70	L	BAT

Connector No.	M124
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
73	G	ON IND
75	G	DR DOOR REQ SW
76	V	PUSH SW
78	B	DR DOOR ANT+
79	W	DR DOOR ANT-

80	GR	PASS DOOR ANT+
81	BE	REAR BMR ANT+
82	G	REAR BMR ANT+
83	R	REAR BMR ANT-
84	GR	ROOM ANT1+
85	B	ROOM ANT1-
86	W	ROOM ANT2+
87	BE	ROOM ANT2-
88	GR	Luggage ROOM ANT+
89	B	Luggage ROOM ANT-
90	P	PUSH BTN IGN SW ILL PWR SPLY
91	W	LOCK IND
92	B	PUSH BTN IGN SW ILL OND
93	R	1-KEY WARN BUZZER
94	BE	ACC RELAY CONT OUTPUT
95	Y	ACC RELAY CONT OUTPUT
96	P	IGN RELAY (P/B) CONT
98	G	IGN RELAY (P/B) CONT OUTPUT
100	R	PASS DOOR REQ SW
101	R	IGN PWR SPLY 2
102	P	P/N POSITION
104	L	CVT SHIFT SELECT PWR SPLY
105	R	STOP LAMP SW 2
106	O	BLWR RELAY CONT OUTPUT
108	R	ACC IND

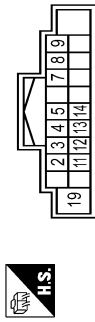
Connector No.	M138
Connector Name	TEL ADAPTER UNIT
Connector Type	TH32FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BATTERY
2	GR	ACC
3	GR	GROUND
4	GR	GROUND
7	B	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	B	SOUND SIGNAL (+)
10	W	SOUND SIGNAL (-)
20	GR	CONTROL SIGNAL

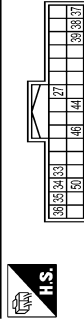
27	GR	CONTROL SIGNAL
28	BE	VEHICLE SPEED (USE)
29	W	MICROPHONE VCC

Connector No.	M142
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CSZ



Terminal No.	Color Of Wire	Signal Name [Specification]
2	Y	SOUND SIGNAL FRONT SPEAKER LH (+)
3	B	SOUND SIGNAL FRONT SPEAKER LH (-)
4	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	LG	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
7	GR	ACC
8	B	ILLUMINATION CONTROL SIGNAL (+)
9	P	ILLUMINATION CONTROL SIGNAL (-)
11	B	SOUND SIGNAL FRONT SPEAKER RH (+)
12	L	SOUND SIGNAL FRONT SPEAKER RH (-)
13	P	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
19	Y	BATTERY

Connector No.	M145
Connector Name	AUDIO UNIT
Connector Type	TH32FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
27	GR	ACC
33	W	CAMERA GND
34	R	CAMERA POWER SUPPLY

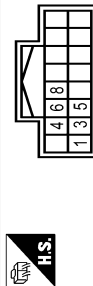
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

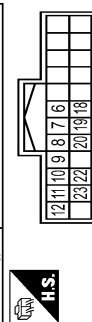
Terminal No.	Color Of Wire	Signal Name [Specification]
35	SHIELD	CAMERA IMAGE SIGNAL
37	SHIELD	SHIELD
38	B	BATTERY
39	W	MIC +
39	SHIELD	MIC GND
44	B	CONTROL SIGNAL
46	B	CONTROL SIGNAL
50	LG	REVERSE SIGNAL

Connector No.	Connector Name
M154	MULTIFUNCTION SWITCH
Connector Type	Signal Name [Specification]
TH18FW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
3	O	ACC
4	V	ILL
5	GR	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)

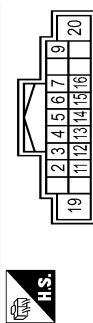
Connector No.	Connector Name
M155	FRONT DISPLAY UNIT
Connector Type	Signal Name [Specification]
TH24EW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	Y	CAMERA IMAGE SIGNAL
9	W	COMM (DISP->CONT)

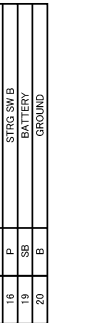
Terminal No.	Color Of Wire	Signal Name [Specification]
10	B	COMM (CONT->DISP)
11	SB	BATTERY
12	B	GROUND
18	R	COMPOSITE IMAGE SIGNAL
19	W	COMPOSITE IMAGE SIGNAL GND
20	B	COMPOSITE SYNC
22	SHIELD	SHIELD
23	O	ACC

Connector No.	Connector Name
M183	AV CONTROL UNIT
Connector Type	Signal Name [Specification]
NH18PW-CS2	

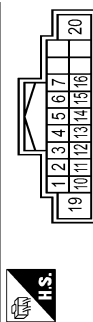


Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	SOUND SIGNAL FRONT SPEAKER LH (+)
3	Y	SOUND SIGNAL FRONT SPEAKER RH (-)
4	V	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	V	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
6	BE	STRG SW A
7	O	ACC
8	BE	MR OUTPUT
11	L	SOUND SIGNAL FRONT SPEAKER RH (+)
12	B	SOUND SIGNAL FRONT SPEAKER RH (-)
13	BR	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	SB	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
15	W	STRG SW GND
16	P	STRG SW B
19	SB	BATTERY
20	B	GROUND

Connector No.	Connector Name
R36	REAR DISPLAY UNIT
Connector Type	Signal Name [Specification]
TH22FW-NH	

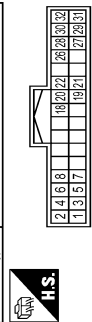


Connector No.	Connector Name
M191	AV CONTROL UNIT
Connector Type	Signal Name [Specification]
NH18PW-CS2	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	AMP ON SIGNAL
2	L	SOUND SIGNAL FRONT LH (+)
3	G	SOUND SIGNAL FRONT LH (-)
4	B	SOUND SIGNAL REAR LH (+)
5	W	SOUND SIGNAL REAR LH (-)
6	BE	STRG SW A
7	O	ACC
10	GR	SHIELD
11	W	SOUND SIGNAL FRONT RH (+)
12	B	SOUND SIGNAL FRONT RH (-)
13	BR	SOUND SIGNAL REAR RH (+)
14	Y	SOUND SIGNAL REAR RH (-)
15	W	STRG SW GND
16	W	STRG SW B
18	P	BATTERY
19	SB	BATTERY
20	B	GROUND

Connector No.	Connector Name
R36	REAR DISPLAY UNIT
Connector Type	Signal Name [Specification]
TH22FW-NH	



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W/L	HEADPHONE SOUND SIGNAL RH (-)
2	L/O	HEADPHONE SOUND SIGNAL RH (+)
3	W	HEADPHONE SOUND SIGNAL LH (-)
4	B	HEADPHONE SOUND SIGNAL LH (+)

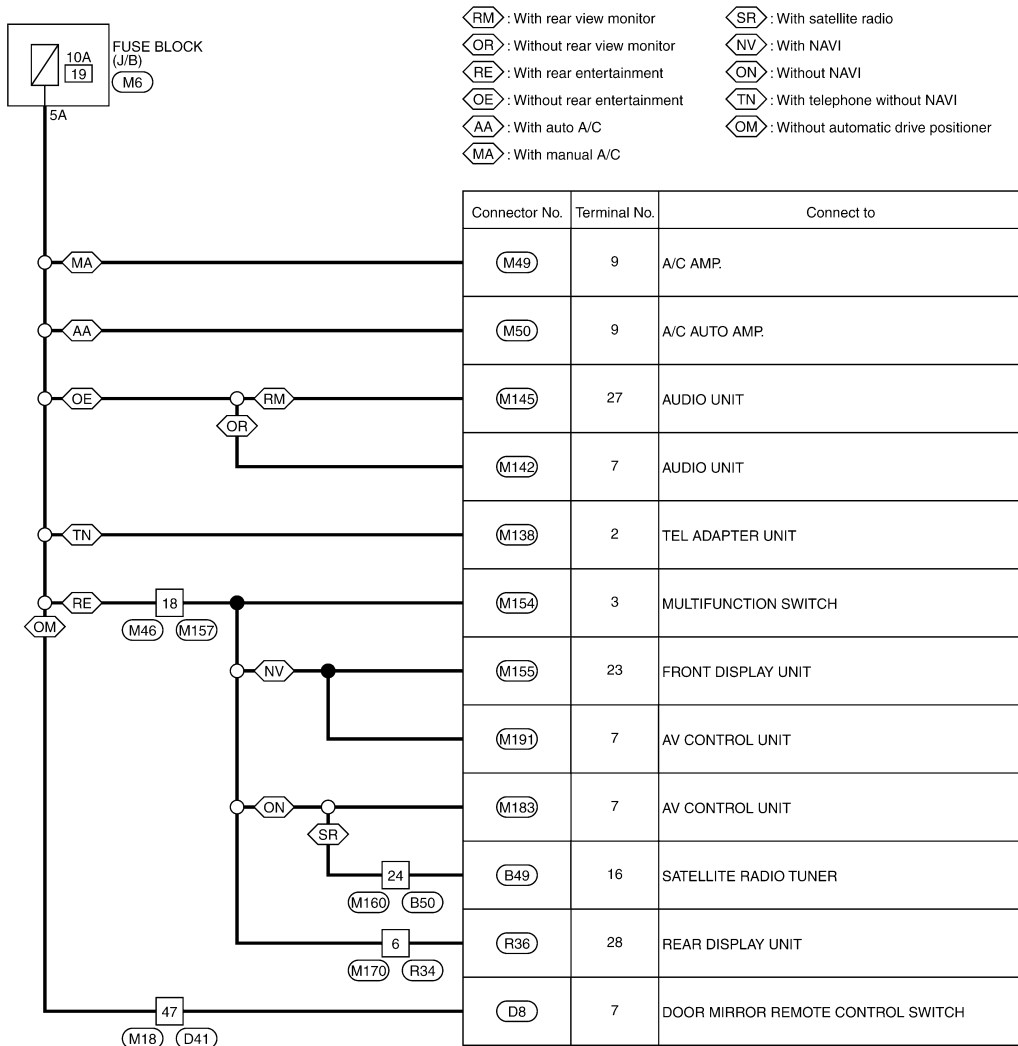
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 - ACCESSORY POWER SUPPLY FUSE No. 19

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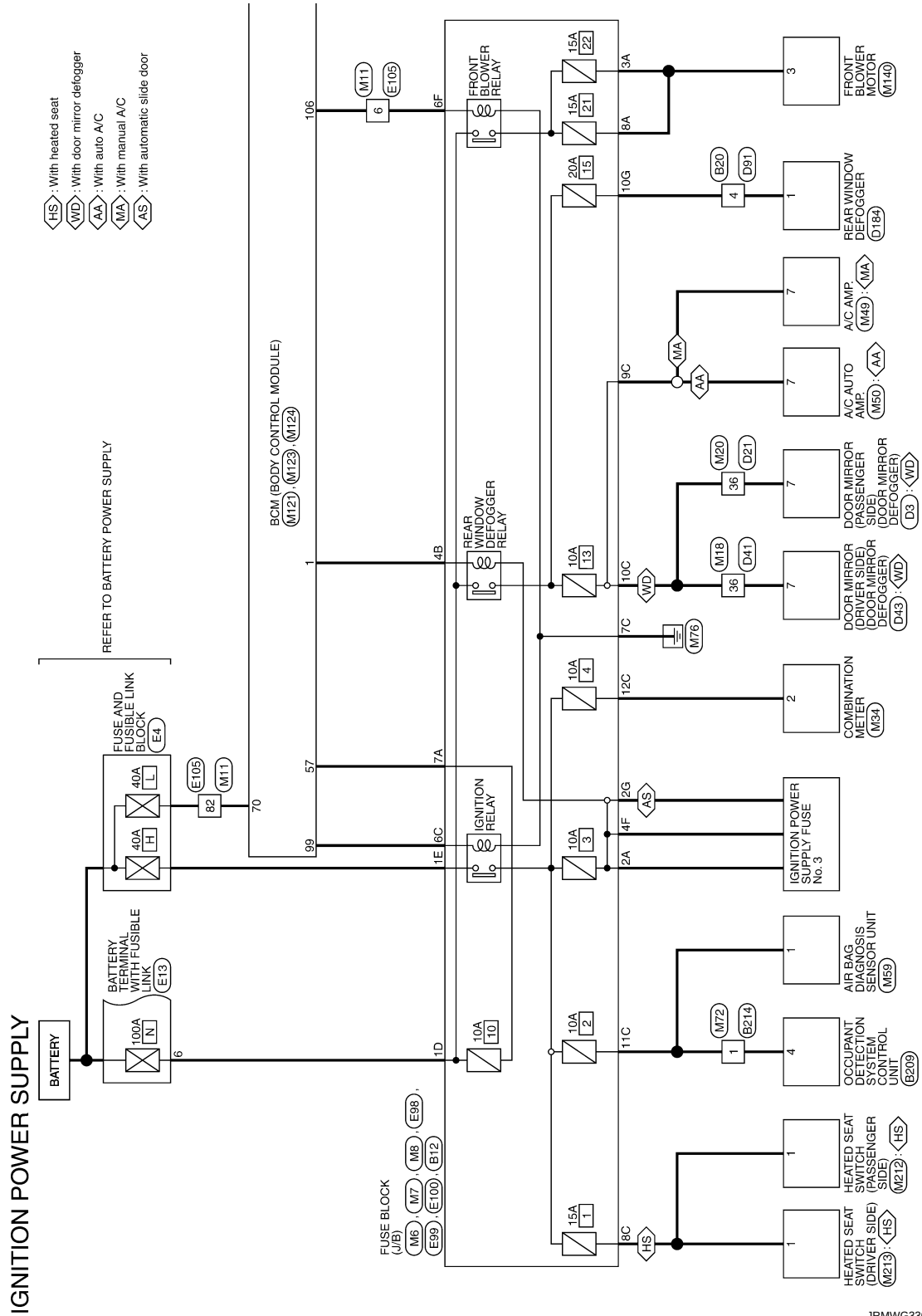
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

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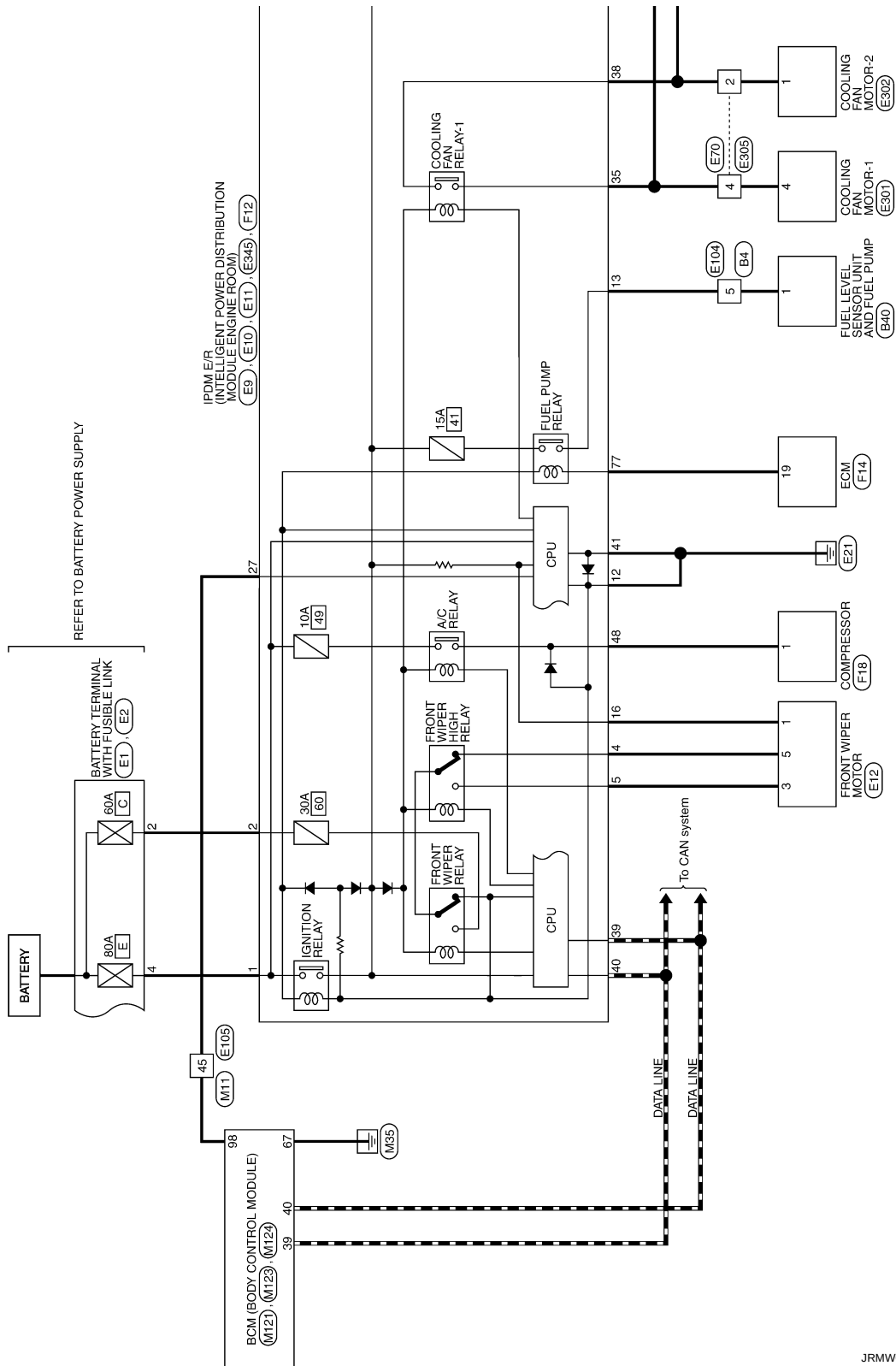


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

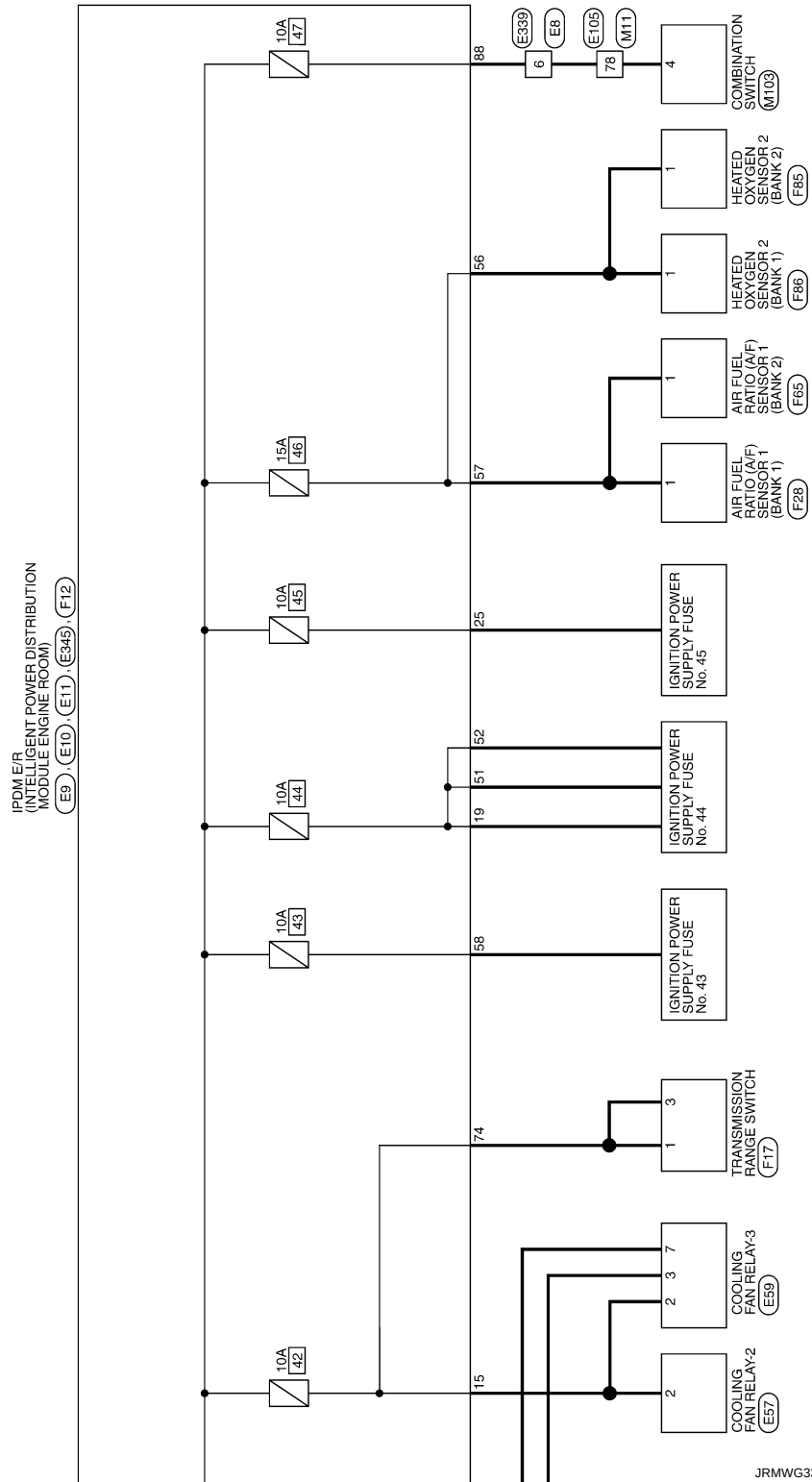


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10



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

Connector No.	B8
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH20FW-TB8



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	GR	-
3	LG	-
4	P	-
5	L	-
6	R	-
7	W	-
8	B	-
9	SB	-
10	L	-
11	V	-
12	LG	-
14	LG	-
15	V	-
16	O	-
17	G	-
18	V	-
19	G	-
20	SB	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-B
2	GR	LATCH INTO CLOSE
3	L	LATCH INTO OPEN
4	P	INSIDE CLOSE SW
5	W	Buzzer
6	B	NAM-FUNC-FLG
7	P	-B
8	B	GROUND
9	GR	-B
11	B	GROUND
13	W	TOUCH SENS RH
14	P	TOUCH SENS LH
15	GR	TOUCH SENS LH
16	L	DRIVER SW
17	G	MAIN SW
18	G	CLASH
19	W	HALF LATCH SW
24	G	OPEN SW
25	P	CAN-L
26	L	CAN-H

Connector No.	B12
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Terminal No.	Color Of Wire	Signal Name [Specification]
10Q	Y	-
10G	Y	-
10P	P	-
10L	P	-
10W	W	-

Connector No.	B20
Connector Name	WIRE TO WIRE
Connector Type	MOBMM-LC



1	2	3	4	5	6
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Connector No.	B40
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP
Connector Type	ES5FGV-RS



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

Connector No.	B45
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	TH32FW-NH



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	- [With automatic back door]
2	V	- [Without automatic back door]
3	BR	- [With automatic back door]
4	GR	- [Without automatic back door]
5	V	-
6	B	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	MAIN SW
3	R	KNOB LOCK
4	GR	A-SIGN
5	L	HALF LATCH
6	P	IGN
8	W	Buzzer
9	P	CAN-L
10	L	CAN-H
11	L	ENGINE POWER
12	GR	ELEC B
14	GR	ONE TOUCH OPEN SW
15	R	NEUTRAL SW
17	GR	FUEL LD SW
18	W	FULL SW

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Terminal No.	Color Of Wire	Signal Name [Specification]
19	C	DRIVER SW
21	G	BSW SIGN
22	W	HANDLE
23	B	SW GND
24	G	TOUCH SENS
26	L	ENCODER GND
27	B	GD LOGIC
28	GR	RR DOOR SW



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

Connector No.	Color Of Wire	Signal Name [Specification]
BS14	GR	ELEC B
ONE TOUCH OPEN SW		
NEUTRAL SW		
DRIVER SW		
B-SIGN		
HANDLE		
SW GND		
TOUCH SENS		
ENCODER GND		
GD LOGIC		
RR DOOR SW		

Connector No.	Color Of Wire	Signal Name [Specification]
BS7	GR	SIDE RADAR LH
AAC06FB-WP-SP		



1	2	3	4	5	6
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Terminal No.	Color Of Wire	Signal Name [Specification]
2	B	GROUND
3	Y	BSW COMM-L
4	L	BSW COMM-H
5	V	IGNITION
8	W	BSW INDICATOR

Connector No.	Color Of Wire	Signal Name [Specification]
B209	GR	OCCUPANT DETECTION SYSTEM CONTROL UNIT
TH04FW-NH		



1	2	3	4
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Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	K-LINE
2	GR	GROUND
3	BR	COMMUNICATION
4	SB	IGN

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	LG	-
4	BR	-
5	Y	-
6	V	-
7	W	-
8	R	-
9	LG	-
10	Y	-
11	G	-
12	SB	-

Connector No.	Color Of Wire	Signal Name [Specification]
BS47	GR	SLIDING DOOR CONTROL UNIT RH
TH32FW-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		

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
2	R	KEY-LOCK
3	B	KEY-LOCK
4	B	KEY-LOCK
5	G	HAUF LATCH
6	L	IGN
8	P	BULZER
9	B	CAN-L
10	W	CAN-H
11	G	ENCODER POWER

Terminal No.	Color Of Wire	Signal Name [Specification]
13	Y	ELEC B
14	GR	ONE TOUCH OPEN SW
15	R	NEUTRAL SW
18	W	DRIVER SW
19	G	BS-SIGN
21	P	B-SIGN
22	W	HANDLE
23	B	SW GND
24	G	TOUCH SENS
26	GR	ENCODER GND
27	GR	GD LOGIC
28	GR	RR DOOR SW

Connector No.	Color Of Wire	Signal Name [Specification]
BS17	GR	SIDE RADAR RH
AAC06FB-WP-SP		



1	2	3	4	5	6
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Terminal No.	Color Of Wire	Signal Name [Specification]
2	B	GROUND
3	Y	BSW COMM-L
4	L	BSW COMM-H
5	G	IGNITION
6	W	BSW INDICATOR

Connector No.	Color Of Wire	Signal Name [Specification]
D3	GR	DOOR MIRROR (PASSENGER SIDE)
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	25	26	27	28		

Terminal No.	Color Of Wire	Signal Name [Specification]
5	W	-
6	R	-
7	P	-
10	W	-
11	G	-
12	R	-
13	Y	-
17	SHIELD	-
18	B	-
19	B	-
20	LG	-
22	P	-
23	W	-
24	GR	-

Connector No.	Color Of Wire	Signal Name [Specification]
D21	GR	WIRE TO WIRE
TH40FW-SS15		



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		

Terminal No.	Color Of Wire	Signal Name [Specification]
7	B	-
8	V	-
9	BR	- [With manual A/C]
10	W	- [With auto A/C]
11	LG	-
12	BR	-
14	B	- [Without BOSE system]
15	R	- [With BOSE system]
16	W	- [Without BOSE system]
17	P	- [With BOSE system]
18	GR	-
19	R	-
21	R	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

22	B	-
23	W	-
24	SHIELD	- [Without BOSE system] - [With BOSE system]
25	Y	-
26	L	-
36	P	-
37	G	-
38	W	-
39	LG	-
40	B	-
41	GR	-
42	G	-
43	R	-
45	G	-
46	GR	-
47	W	-
50	W	-
51	R	-
52	G	-
53	SHIELD	-
54	B	-
55	W	-

Connector No.	D41
Connector Name	WIRE TO WIRE
Connector Type	TH40PW-CS13

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Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	V	-
3	SB	-
4	Y	-
5	BR	-
6	L	-
7	Y	-
8	GR	-
9	G	- [With manual A/G] - [With auto A/G]
10	Y	-
11	BR	-
12	LG	-

Connector No.	D43
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH24MW-N4



12	11	10		7	6	5			1
24	23	22	21	20	19	18	17		13

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

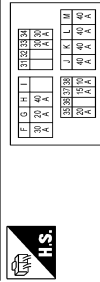
IGNITION POWER SUPPLY

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



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

Connector No.	E4
Connector Name	FUSE AND FUSEBLE LINK BLOCK
Connector Type	24381-7950A



Terminal No.	Color Of Wire	Signal Name [Specification]
33	LG	-
34	L	-
35	Y	-
37	SB	-
38	W	-
F	G	-
G	R	-
H	G	-
J	R	-
K	Y	-
L	LG	-
M	BR	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	Y	-
3	V	-
4	BR	-
5	LG	-
6	O	-
7	G	-
8	Y	-
9	SB	-
10	GR	-
11	L	-
12	R	-

Connector No.	E9
Connector Name	WIRE TO WIRE
Connector Type	LO2FB-MC



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

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	TH20FW-CS2-M4-1V



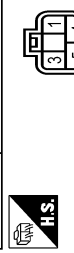
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
5	Y	-
6	G	-
7	BR	-
10	P	-
12	B	-
13	G	-
15	L	-
16	R	-
18	P	-
19	V	-
20	W	-
21	O	-
22	SB	-
24	G	-
25	GR	-
27	BR	-
28	G	-
30	LG	-
34	O	-
35	P	-
38	G	-
	GR	-

Connector No.	E11
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B	-
42	SB	-
43	LG	-
44	W	-
45	Y	-
46	O	-

Connector No.	E12
Connector Name	FRONT WIPER MOTOR
Connector Type	HS0FCY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
3	Y	-
4	B/Y	-
5	LG	-

JRMWG3369GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

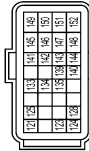
IGNITION POWER SUPPLY

Connector No.	E13
Connector Name	BATTERY TERMINAL WITH FUSEBLE LINK
Connector Type	L01FB-MC



Terminal No.	Color Of Wire	Signal Name [Specification]
6	W	-

Connector No.	E19
Connector Name	ECM
Connector Type	PR24FE-R28-L-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
121	LG	EVAP CONTROL SYSTEM PRESSURE SENSOR
123	P	CAN COMMUNICATION LINE (CAN-L)
124	L	CAN COMMUNICATION LINE (CAN-H)
125	W	SENSOR POWER SUPPLY
128	Y	FUEL TANK TEMPERATURE SENSOR
133	BR	IGNITION SWITCH
134	Y	ASCD STEERING SWITCH
135	BR	SENSOR GROUND
139	SB	STOP LAMP SWITCH
140	BR	BRAKE PEDAL POSITION SWITCH
141	Y	EVAP CANISTER VENT CONTROL VALVE
142	GR	SENSOR POWER SUPPLY
143	GR	SENSOR POWER SUPPLY
144	G	ACCELERATION POSITION SWITCH
145	G	SENSOR GROUND
146	P	POWER SUPPLY FOR ECM
147	B	SENSOR GROUND
148	V	SENSOR GROUND
149	B	ECM GROUND

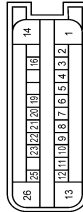
150	W	ACCELERATOR PEDAL POSITION SENSOR 1
151	Y	SENSOR GROUND
152	B	ECM GROUND

Connector No.	E34
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	FEA4ME-FMA2-LG



Terminal No.	Color Of Wire	Signal Name [Specification]
5	Y	IGN
7	P	CAN-L
8	L	CAN-H

Connector No.	E36
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	AE22FE-AJ2-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	VALVE BATTERY
2	Y	RR LH WHEEL SENSOR SIGNAL
3	L	RR LH WHEEL SENSOR POWER SUPPLY
4	G	G SENSOR POWER SUPPLY
5	B	FR RH WHEEL SENSOR POWER SUPPLY
6	BR	FR RH WHEEL SENSOR SIGNAL
7	V	BRAKE FLUID LEVEL SWITCH SIGNAL
8	LG	FR LH WHEEL SENSOR SIGNAL
9	L	FR LH WHEEL SENSOR POWER SUPPLY
10	B	G SENSOR GND
11	V	RR RH WHEEL SENSOR POWER SUPPLY
12	P	RR RH WHEEL SENSORE SIGNAL

13	B	GROUND
14	B	MODERATOR
16	SB	STOP LAMP SWITCH SIGNAL
19	Y	G SENSOR SIGNAL (-)
20	GR	IGN
21	P	CAN-L
22	BR	VDC OFF SWITCH SIGNAL
23	L	CAN-H
25	O	G SENSOR SIGNAL (-)
26	B	GROUND

Connector No.	E37
Connector Name	COOLING FAN RELAY-2
Connector Type	MOBFER-R-LG



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	L	-
3	L	-
4	L	-
6	B	-
7	LG	-

Connector No.	E59
Connector Name	COOLING FAN RELAY-3
Connector Type	MOBFER-R-LG



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	L	-
3	GR	-
5	Y	-
6	B/W	-
7	P	-

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Type	MBMW-LG



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	GR	-
3	BR	-
4	P	-
5	L	-

Connector No.	E58
Connector Name	FUSE BLOCK (J/B)
Connector Type	L01FW-MC



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

JRMWG3370GB

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

Connector No.	E09
Connector Name	FUSE BLOCK (J/B)
Connector Type	M02FB-LC



Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10



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

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

Connector No.	E100
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FW-CS



16F	14F	12F	11F	9F	8F
-----	-----	-----	-----	----	----

Terminal No.	Color Of Wire	Signal Name [Specification]
11F	G	-
12F	V	-
1F	SB	-
2F	R	-
4F	L	-
6F	LG	-
8F	P	-
9F	BR	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	-
2	W	-
3	B	-
4	R	-
6	LG	-
7	R	-
8	GR	-
9	V	-
10	BR	-
11	Y	-
12	O	-
13	W	-
14	P	-
15	P	-
31	GR	-
32	V	-
37	BR	-
38	G	-
39	V	-
40	P	-
41	L	-
42	LG	-
43	O	-
45	P	-
46	SB	-
47	V	-
51	BR	-
52	G	-
53	B	-
54	O	-
55	Y	-
56	SHIELD	-
61	P	-
62	G	-
63	W/L	-
64	W/R	-
66	W	-
67	Y	-
68	R	-
72	L	-
73	GR	-
74	Y	-
75	SB	-
76	Y	-
77	G	-
78	O	-

80	R	-
81	L	-
82	LG	-
83	R	-

Connector No.	E109
Connector Name	BRAKE PEDAL POSITION SWITCH
Connector Type	M02FBR-LG



2	1
---	---

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

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



3	4	1	2
---	---	---	---

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

JRMWG3371GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E301
Connector Name	COOLING FAN MOTOR-1
Connector Type	RS04FCY-PR



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	P	-
3	P	-
4	Y	-

Connector No.	E302
Connector Name	COOLING FAN MOTOR-2
Connector Type	RS04FCY-PR



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

Connector No.	E305
Connector Name	WIRE TO WIRE
Connector Type	M09FW-LC



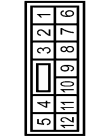
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	R	-
3	L	-
4	Y	-
5	G	-

Connector No.	E315
Connector Name	DOOR DETECTOR (DOOR DETECTOR) SENSOR
Connector Type	RH03FB



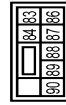
Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	-
2	B/W	-
3	G	-

Connector No.	E329
Connector Name	WIRE TO WIRE
Connector Type	NS12FBR-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	P	-
3	P	-
4	LG	-
5	L	-
6	BR	-
7	P	-
8	G	-
9	W	-
10	GR	-
11	GR	- [Without automatic drive positioner]
11	Y	- [With automatic drive positioner]
12	G	-

Connector No.	E345
Connector Name	POWER IN INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS08FW-CS



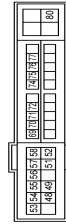
Terminal No.	Color Of Wire	Signal Name [Specification]
83	L	-
84	L	-
85	SS	-
86	SS	-
87	Y	-
88	BR	-
89	V	-
90	G	-

Connector No.	F11
Connector Name	ENGINE ROOM CONTROLLED ENGINE MOUNT CONTROL SOLENOID VALVE
Connector Type	E020FBR-RS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G/R	-
2	BR/W	-

Connector No.	F12
Connector Name	POWER IN INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH20FW-CS12-M4



Terminal No.	Color Of Wire	Signal Name [Specification]
48	W	-
49	R/B	-
51	LG	-
52	Y/G	-
53	R/W	-
54	G/W	-
55	W/L	-
56	R/Y	-
57	O	-
58	Y	-
59	WB	-
71	O	-
72	R/B	-
74	LG	-
75	LG	-
76	GR	-
77	B	-

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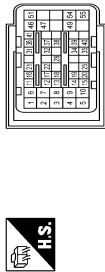
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

80	B	-
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Connector No.	F14
Connector Name	ECM
Connector Type	MAE35FB-ME920-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	THROTTLE CONTROL MOTOR (CLOSE)
2	G/W	THROTTLE CONTROL MOTOR POWER SUPPLY
3	L	THROTTLE CONTROL MOTOR (OPEN)
4	GR	SENSOR GROUND
5	B	KNICK SENSOR (BANK 1)
6	BR/Y	A/F SENSOR 1 HEATER (BANK 1)
7	P/B	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
8	O	THROTTLE CONTROL MOTOR RELAY
9	W	KNK2
10	B	ECM GROUND
11	L/W	FUEL INJECTOR No. 5
12	LG/R	FUEL INJECTOR No. 1
13	LG	ENGINE OIL TEMPERATURE SENSOR
14	LG	ENGINE OIL TEMPERATURE SENSOR
15	B	SENSOR GROUND
16	R/W	FUEL INJECTOR No. 2
17	R/B	FUEL INJECTOR No. 1
18	Y	SENSOR POWER SUPPLY
19	B	FUEL PUMP RELAY
20	R	REFRIGERANT PRESSURE SENSOR
21	P/B	FUEL INJECTOR No. 6
22	R/Y	FUEL INJECTOR No. 3
23	G	SENSOR GROUND
24	BR	SENSOR POWER SUPPLY
25	Y	ENGINE COOLANT TEMPERATURE SENSOR
26	W	THROTTLE POSITION SENSOR 2
27	L/Y	INTAKE AIR TEMPERATURE SENSOR
28	B	SENSOR GROUND
29	W/B	CRANKSHAFT POSITION SENSOR
30	GR	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 1)
31	O	MASS AIR FLOW SENSOR
32	LG	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 2)
33	LG	SENSOR GROUND

41	W	HEATED OXYGEN SENSOR 2 (BANK 1)
42	SB	A/F SENSOR 1 HEATER (BANK 2)
43	R	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)
44	BR/W	ELECTRONIC CONTROL VALVE (ELECTRONIC CONTROL VALVE)
45	L	SENSOR POWER SUPPLY
46	P/L	CAMP CAMBER PULSE VOLUME CONTROL SOLENOID VALVE
47	B/Y	ECM GROUND

Connector No.	F16
Connector Name	PRIMARY SPEED SENSOR
Connector Type	RK03FB



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

Connector No.	F17
Connector Name	TRANSMISSION RANGE SWITCH
Connector Type	YDX06FB-HS4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	R/B	-
3	LG	-
4	BR/W	-
5	P/B	-
6	P/L	-
7	G/O	-
8	GR	-

Connector No.	F18
Connector Name	COMPRESSOR
Connector Type	RK02FB



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

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



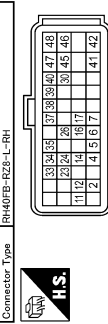
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	LG/R	-
3	Y	-

Connector No.	F21
Connector Name	INPUT SPEED SENSOR
Connector Type	RK03FB



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	BR	-
3	Y	-

Connector No.	F23
Connector Name	TCM
Connector Type	RH40FB-R28-L-RH



Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	L RANGE SW
4	G/O	D RANGE SW
5	P/L	N RANGE SW
6	P/B	R RANGE SW
7	BR/W	P RANGE SW
11	W/R	SENSOR GROUND
12	V	CVT FLUID TEMPERATURE SENSOR
14	W	G SENSOR
16	V/W	SECONDARY PRESSURE SENSOR
17	LG	PRIMARY PRESSURE SENSOR
23	B	CAN-H
24	BR	INPUT SPEED SENSOR
26	L/O	SENSOR POWER
30	R/Y	LINE PRESSURE SOLENOID VALVE
33	L	CAN-H
34	LG/R	OUTPUT SPEED SENSOR
35	LG	PRIMARY SPEED SENSOR

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

37	L/W	SELECT SOLENOID VALVE
38	W/B	SOLENOID VALVE
39	W/B	SECONDARY PRESSURE SOLENOID VALVE
40	B/R	PRIMARY PRESSURE SOLENOID VALVE
41	B	GROUND
42	B	GROUND
45	LG	BATTERY POWER SUPPLY
46	LG	BATTERY POWER SUPPLY
47	Y	IGNITION POWER SUPPLY
48	Y	IGNITION POWER SUPPLY

Connector No.	F28
Connector Name	AIR FUEL RATIO (A/F) SENSOR (BANK 1)
Connector Type	RH04FDGY-P



Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	-
2	BR/Y	-
3	L	-
4	P	-

Connector No.	F37
Connector Name	FUEL INJECTOR No. 1
Connector Type	HS02FGY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R/B	-

Connector No.	F38
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS02FGY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y/G	-
2	R/W	-

Connector No.	F39
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS02FGY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R/Y	-

Connector No.	F40
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y/G	-
2	LG/R	-

Connector No.	F41
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



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

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y/G	-
2	P/B	-

Connector No.	F65
Connector Name	AIR FUEL RATIO (A/F) SENSOR (BANK 2)
Connector Type	RH04FDGY-P



Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	-
2	SB	-
3	LG	-
4	V	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	F35
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	RH04EDGY-P



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	GR	-
3	W/L	-
4	B	-

Connector No.	F36
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	RH04EDGY-P



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/Y	-
2	P/B	-
3	W	-
4	B	-

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
2	GR	-
3	W	-
4	GR	-
5	GR	-
6	L	-
7	R	-
8	G	-
9	SB	-
10	P	-
11	P	-
12	P	-
13	P	-
14	P	-
15	P	-
16	P	-

Connector No.	M6
Connector Name	FUSE BLOCK (J/B)
Connector Type	GS06FW-M2



Terminal No.	Color Of Wire	Signal Name [Specification]
1A	Y	-
2A	G	-
3A	GR	-
4A	GR	-
5A	Y	-
6A	R	-
7A	GR	-
8A	L	-

Connector No.	M7
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS10FW-GS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	W	-
3	BR	-
4	BR	-
5	O	-
6	R/L	-
7	GR	-
8	GR	-
9	GR	-

Connector No.	M8
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FW-GS



Terminal No.	Color Of Wire	Signal Name [Specification]
10C	LG	-
11C	V	-
12C	Y	-
6C	GR	-
7C	GR	-
8C	G	-
9C	Y	-

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



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

86	SHIELD	-
87	R	- [With BOSE system]
88	W	- [With BOSE system]
89	Y	- [Without BOSE system]
90	B	-
91	W	-
92	BE	-
93	P	-
94	LG	-
95	L	-
96	R	-
97	Y	-
98	W	-
99	SHIELD	-
100	R	-
101	W	-
102	Y	-
103	LG	-
104	L	-
105	R	-
106	SHIELD	-
107	R	-
108	W	-
109	Y	-
110	LG	-
111	L	-
112	R	-
113	SHIELD	-
114	R	-
115	W	-
116	Y	-
117	LG	-
118	L	-
119	R	-
120	SHIELD	-
121	R	-
122	W	-
123	Y	-
124	LG	-
125	L	-
126	R	-
127	SHIELD	-
128	R	-
129	W	-
130	Y	-
131	LG	-
132	L	-
133	R	-
134	SHIELD	-
135	R	-
136	W	-
137	Y	-
138	LG	-
139	L	-
140	R	-
141	SHIELD	-
142	R	-
143	W	-
144	Y	-
145	LG	-
146	L	-
147	R	-
148	SHIELD	-
149	R	-
150	W	-
151	Y	-
152	LG	-
153	L	-
154	R	-
155	SHIELD	-
156	R	-
157	W	-
158	Y	-
159	LG	-
160	L	-
161	R	-
162	SHIELD	-
163	R	-
164	W	-
165	Y	-
166	LG	-
167	L	-
168	R	-
169	SHIELD	-
170	R	-
171	W	-
172	Y	-
173	LG	-
174	L	-
175	R	-
176	SHIELD	-
177	R	-
178	W	-
179	Y	-
180	LG	-
181	L	-
182	R	-
183	SHIELD	-
184	R	-
185	W	-
186	Y	-
187	LG	-
188	L	-
189	R	-
190	SHIELD	-
191	R	-
192	W	-
193	Y	-
194	LG	-
195	L	-
196	R	-
197	SHIELD	-
198	R	-
199	W	-
200	Y	-
201	LG	-
202	L	-
203	R	-
204	SHIELD	-
205	R	-
206	W	-
207	Y	-
208	LG	-
209	L	-
210	R	-
211	SHIELD	-
212	R	-
213	W	-
214	Y	-
215	LG	-
216	L	-
217	R	-
218	SHIELD	-
219	R	-
220	W	-
221	Y	-
222	LG	-
223	L	-
224	R	-
225	SHIELD	-
226	R	-
227	W	-
228	Y	-
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230	L	-
231	R	-
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235	Y	-
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244	L	-
245	R	-
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247	R	-
248	W	-
249	Y	-
250	LG	-
251	L	-
252	R	-
253	SHIELD	-
254	R	-
255	W	-
256	Y	-
257	LG	-
258	L	-
259	R	-
260	SHIELD	-
261	R	-
262	W	-
263	Y	-
264	LG	-
265	L	-
266	R	-
267	SHIELD	-
268	R	-
269	W	-
270	Y	-
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272	L	-
273	R	-
274	SHIELD	-
275	R	-
276	W	-
277	Y	-
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279	L	-
280	R	-
281	SHIELD	-
282	R	-
283	W	-
284	Y	-
285	LG	-
286	L	-
287	R	-
288	SHIELD	-
289	R	-
290	W	-
291	Y	-
292	LG	-
293	L	-
294	R	-
295	SHIELD	-
296	R	-
297	W	-
298	Y	-
299	LG	-
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308	R	-
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319	Y	-
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321	L	-
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326	Y	-
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328	L	-
329	R	-
330	SHIELD	-
331	R	-
332	W	-
333	Y	-
334	LG	-
335	L	-
336	R	-
337	SHIELD	-
338	R	-
339	W	-
340	Y	-
341	LG	-
342	L	-
343	R	-
344	SHIELD	-
345	R	-
346	W	-
347	Y	-
348	LG	-
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350	R	-
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352	R	-
353	W	-
354	Y	-
355	LG	-
356	L	-
357	R	-
358	SHIELD	-
359	R	-
360	W	-
361	Y	-
362	LG	-
363	L	-
364	R	-
365	SHIELD	-
366	R	-
367	W	-
368	Y	-
369	LG	-
370	L	-
371	R	-
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373	R	-
374	W	-
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377	L	-
378	R	-
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385	R	-
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388	W	-
389	Y	-
390	LG	-
391	L	-
392	R	-
393	SHIELD	-
394	R	-
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427	R	-
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441	R	-
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445	Y	-
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447	L	-
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450	R	-
451	W	-
452	Y	-
453	LG	-
454	L	-
455	R	-
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457	R	-
458	W	-
459	Y	-
460	LG	-
461	L	-
462	R	-
463	SHIELD	-
464	R	-
465	W	-
466	Y	-
467	LG	-
468	L	-
469	R	-
470	SHIELD	-
471	R	-
472	W	-
473	Y	-
474	LG	-
475	L	-
476	R	-
477	SHIELD	-
478	R	-
479	W	-
480	Y	-
481	LG	-
482	L	-
483	R	-
484	SHIELD	-
485	R	-
486	W	-
487	Y	-
488	LG	-
489	L	-
490	R	-
491	SHIELD	-
492	R	-
493	W	-
494	Y	-
495	LG	-
496	L	-
497	R	-
498	SHIELD	-
499	R	-
500	W	-
501	Y	-
502	LG	-
503	L	-
504	R	-
505	SHIELD	-
506	R	-
507	W	-
508	Y	-
509	LG	-
510	L	-
511	R	-
512	SHIELD	-
513	R	-
514	W	-
515	Y	-
516	LG	-
517	L	-
518	R	-
519	SHIELD	-
520	R	-
521	W	-
522	Y	-
523	LG	-
524	L	-
525	R	-
526	SHIELD	-
527	R	-
528	W	-
529	Y	-
530	LG	-
531	L	-
532	R	-
533	SHIELD	-
534	R	-
535	W	-
536	Y	-
537	LG	-
538	L	-
539	R	-
540	SHIELD	-
541	R	-
542	W	-
543	Y	-
544	LG	-
545	L	-
546	R	-
547	SHIELD	-
548	R	-
549	W	-
550	Y	-
551	LG	-
552	L	-
553	R	-
554	SHIELD	-
555	R	-
556	W	-
557	Y	-
558	LG	-
559	L	-
560	R	-
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563	W	-
564	Y	-
565	LG	-
566	L	-
567	R	-
568	SHIELD	-
569	R	-
570	W	-
571	Y	-
572	LG	-
573	L	-
574	R	-
575	SHIELD	-
576	R	-
577	W	-
578	Y	-
579	LG	-
58		

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M49
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH

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



Terminal No.	Color	Wire	Signal Name [Specification]
1	O	B	BATTERY POWER SUPPLY (Without automatic drive position)
2	G	B	IGNITION SIGNAL (Without automatic drive position)
3	B	B	IGNITION SIGNAL (Without automatic drive position)
4	B	B	GROUND
5	B	B	ILLUMINATION CONTROL SIGNAL (Without automatic drive position)
6	G	B	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
7	B	B	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
8	B	B	METER CONTROL SWITCH SIGNAL
9	G	B	METER CONTROL SWITCH SIGNAL
10	P	B	SELECT SWITCH SIGNAL (Without automatic drive position)
11	G	B	SELECT SWITCH SIGNAL (Without automatic drive position)
12	R	B	SELECT SWITCH SIGNAL (Without automatic drive position)
13	W	B	SELECT SWITCH SIGNAL (Without automatic drive position)
14	G	B	SELECT SWITCH SIGNAL (Without automatic drive position)
15	B	B	SELECT SWITCH SIGNAL (Without automatic drive position)
16	L	B	SELECT SWITCH SIGNAL (Without automatic drive position)
17	L	B	SELECT SWITCH SIGNAL (Without automatic drive position)
18	L	B	SELECT SWITCH SIGNAL (Without automatic drive position)
19	R	B	SELECT SWITCH SIGNAL (Without automatic drive position)
20	G	B	SELECT SWITCH SIGNAL (Without automatic drive position)
21	L	B	SELECT SWITCH SIGNAL (Without automatic drive position)
22	P	B	SELECT SWITCH SIGNAL (Without automatic drive position)
23	B	B	SELECT SWITCH SIGNAL (Without automatic drive position)
24	B	B	SELECT SWITCH SIGNAL (Without automatic drive position)
25	W	B	SELECT SWITCH SIGNAL (Without automatic drive position)
26	B	B	SELECT SWITCH SIGNAL (Without automatic drive position)
27	BE	B	SELECT SWITCH SIGNAL (Without automatic drive position)
28	V	B	SELECT SWITCH SIGNAL (Without automatic drive position)
29	G	B	SELECT SWITCH SIGNAL (Without automatic drive position)

31	SB	VEHICLE SPEED SIGNAL (G-PLUSE)
32	P	OVERDRIVE CONTROL SWITCH SIGNAL
33	O	FUEL LEVEL SENSOR SIGNAL
34	BR	PASSENGER SEAT BELT WARNING SIGNAL
35	P	PASSENGER SEAT BELT WARNING SIGNAL
36	BR	PASSENGER SEAT BELT WARNING SIGNAL

Connector No.	M49
Connector Name	A/C AMP
Connector Type	TH40FW-NH

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



Terminal No.	Color	Wire	Signal Name [Specification]
1	P	B	BATTERY POWER SUPPLY
2	G	B	IGNITION POWER SUPPLY
3	SB	B	DOOR MOTOR POWER SUPPLY
4	BR	B	DOOR MOTOR POWER SUPPLY
5	BR	B	DOOR MOTOR POWER SUPPLY
6	R	B	DOOR MOTOR POWER SUPPLY
7	R	B	DOOR MOTOR POWER SUPPLY
8	R	B	DOOR MOTOR POWER SUPPLY
9	R	B	DOOR MOTOR POWER SUPPLY
10	W	B	DOOR MOTOR POWER SUPPLY
11	W	B	DOOR MOTOR POWER SUPPLY
12	BE	B	DOOR MOTOR POWER SUPPLY
13	G	B	DOOR MOTOR POWER SUPPLY
14	G	B	DOOR MOTOR POWER SUPPLY
15	G	B	DOOR MOTOR POWER SUPPLY
16	L	B	DOOR MOTOR POWER SUPPLY
17	L	B	DOOR MOTOR POWER SUPPLY
18	L	B	DOOR MOTOR POWER SUPPLY
19	R	B	DOOR MOTOR POWER SUPPLY
20	G	B	DOOR MOTOR POWER SUPPLY
21	L	B	DOOR MOTOR POWER SUPPLY
22	P	B	DOOR MOTOR POWER SUPPLY
23	B	B	DOOR MOTOR POWER SUPPLY
24	B	B	DOOR MOTOR POWER SUPPLY
25	W	B	DOOR MOTOR POWER SUPPLY
26	B	B	DOOR MOTOR POWER SUPPLY
27	BE	B	DOOR MOTOR POWER SUPPLY
28	V	B	DOOR MOTOR POWER SUPPLY
29	G	B	DOOR MOTOR POWER SUPPLY

Connector No.	M50
Connector Name	A/C AUTO AMP
Connector Type	TH40FW-NH

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



Terminal No.	Color	Wire	Signal Name [Specification]
1	G	B	IGNITION POWER SUPPLY
2	G	B	IGNITION POWER SUPPLY
3	SB	B	DOOR MOTOR POWER SUPPLY
4	BR	B	DOOR MOTOR POWER SUPPLY
5	BR	B	DOOR MOTOR POWER SUPPLY
6	R	B	DOOR MOTOR POWER SUPPLY
7	R	B	DOOR MOTOR POWER SUPPLY
8	R	B	DOOR MOTOR POWER SUPPLY
9	R	B	DOOR MOTOR POWER SUPPLY
10	W	B	DOOR MOTOR POWER SUPPLY
11	W	B	DOOR MOTOR POWER SUPPLY
12	BE	B	DOOR MOTOR POWER SUPPLY
13	G	B	DOOR MOTOR POWER SUPPLY
14	G	B	DOOR MOTOR POWER SUPPLY
15	G	B	DOOR MOTOR POWER SUPPLY
16	L	B	DOOR MOTOR POWER SUPPLY
17	L	B	DOOR MOTOR POWER SUPPLY
18	L	B	DOOR MOTOR POWER SUPPLY
19	R	B	DOOR MOTOR POWER SUPPLY
20	G	B	DOOR MOTOR POWER SUPPLY
21	L	B	DOOR MOTOR POWER SUPPLY
22	P	B	DOOR MOTOR POWER SUPPLY
23	B	B	DOOR MOTOR POWER SUPPLY
24	B	B	DOOR MOTOR POWER SUPPLY
25	W	B	DOOR MOTOR POWER SUPPLY
26	B	B	DOOR MOTOR POWER SUPPLY
27	BE	B	DOOR MOTOR POWER SUPPLY
28	V	B	DOOR MOTOR POWER SUPPLY
29	G	B	DOOR MOTOR POWER SUPPLY

Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX

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



Terminal No.	Color	Wire	Signal Name [Specification]
1	G	B	IGNITION POWER SUPPLY
2	G	B	IGNITION POWER SUPPLY
3	SB	B	DOOR MOTOR POWER SUPPLY
4	BR	B	DOOR MOTOR POWER SUPPLY
5	BR	B	DOOR MOTOR POWER SUPPLY
6	R	B	DOOR MOTOR POWER SUPPLY
7	R	B	DOOR MOTOR POWER SUPPLY
8	R	B	DOOR MOTOR POWER SUPPLY
9	R	B	DOOR MOTOR POWER SUPPLY
10	W	B	DOOR MOTOR POWER SUPPLY
11	W	B	DOOR MOTOR POWER SUPPLY
12	BE	B	DOOR MOTOR POWER SUPPLY
13	G	B	DOOR MOTOR POWER SUPPLY
14	G	B	DOOR MOTOR POWER SUPPLY
15	G	B	DOOR MOTOR POWER SUPPLY
16	L	B	DOOR MOTOR POWER SUPPLY
17	L	B	DOOR MOTOR POWER SUPPLY
18	L	B	DOOR MOTOR POWER SUPPLY
19	R	B	DOOR MOTOR POWER SUPPLY
20	G	B	DOOR MOTOR POWER SUPPLY
21	L	B	DOOR MOTOR POWER SUPPLY
22	P	B	DOOR MOTOR POWER SUPPLY
23	B	B	DOOR MOTOR POWER SUPPLY
24	B	B	DOOR MOTOR POWER SUPPLY
25	W	B	DOOR MOTOR POWER SUPPLY
26	B	B	DOOR MOTOR POWER SUPPLY
27	BE	B	DOOR MOTOR POWER SUPPLY
28	V	B	DOOR MOTOR POWER SUPPLY
29	G	B	DOOR MOTOR POWER SUPPLY

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

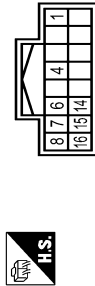
IGNITION POWER SUPPLY

Connector No.	M60
Connector Name	BSW SWITCH
Connector Type	TH08EL-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	IGN
2	B	IGN
3	P	IGN
4	B	IGN
5	G	IGN
6	P	IGN

Connector No.	M61
Connector Name	BSW CONTROL MODULE
Connector Type	TH18FW-NH



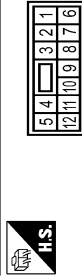
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	SOW SW
2	P	SOW SW
3	B	SOW SW
4	L	SOW SW
5	G	SOW SW
6	P	SOW SW
7	L	BSW COMM-H
8	Y	BSW COMM-L
9	P	CAN-H
10	G	CAN-L
11	P	IGNITION
12	G	IGNITION

Connector No.	M64
Connector Name	IONIZER
Connector Type	TH04FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	IGN
2	G	IGN
3	P	IGN
4	P	IGN

Connector No.	M72
Connector Name	WIRE TO WIRE
Connector Type	NS1ZFBR-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BE	-
2	R	-
3	P	-
4	L	-
5	G	-
6	Y	-
7	GR	-
8	P	-
9	SB	-
10	W	-
11	Y	-
12	Y	-

Connector No.	M103
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	RR
2	P	RR
3	P	RR
4	W	IGN
5	BE	OUTPUT 3
6	B/Y	GROUND
7	P	INPUT 3
8	R	OUTPUT 5
9	GR	INPUT 2
10	W	INPUT 4
11	R	INPUT 1
12	W	OUTPUT 1
13	R	INPUT 3
14	G	OUTPUT 2

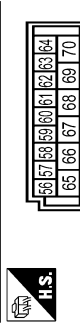
Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	REAR WINDOW DEF RELAY CONT
2	R	COMBI SW INPUT 5
3	G	COMBI SW INPUT 4
4	BE	COMBI SW INPUT 3
5	G	COMBI SW INPUT 2
6	W	COMBI SW INPUT 1

Terminal No.	Color Of Wire	Signal Name [Specification]
7	W	KEY CYL UNLOCK SW
8	GR	KEY CYL LOCK SW (C)
9	Y	KEY CYL LOCK SW (C)
10	GR	STOP LAMP SW 1
11	GR	DOOR LK & UNLK SW LOCK
12	GR	DOOR LK & UNLK SW UNLOCK
13	BR	OPTICAL SENS
14	L	REAR WINDOW DEF SW
15	W	DIMMER
16	Y	SENS PWR SPLY
17	O	RECEIV/SENS GND
18	R	NATS ANT AMP
19	GR	SECURITY IND CONT
20	B	DONGLE LINK
21	P	NATS ANT AMP
22	P	BLUWER CAN ON
23	BR	HAZARD SW
24	L	BK DOOR OPEN SW
25	G	COMBI SW OUTPUT 5
26	R	COMBI SW OUTPUT 4
27	P	COMBI SW OUTPUT 3
28	GR	COMBI SW OUTPUT 2
29	R	COMBI SW OUTPUT 1
30	G	DETENT SW
31	BE	RECEIVER COMM
32	L	CAN-H
33	P	CAN-L

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FW-FH46-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
56	P	INT ROOM AMP PWR SPLY
57	Y	BAT
58	O	AIR BAG
59	SB	PASS DOOR UNLK OUTPUT
60	V	TURN SIG LH OUTPUT

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Terminal No.	Color	Wire	Signal Name [Specification]
62	G	GR	IGN SWB SPLY 2
63	R	P	IGN SWB SPLY 1
64	R	P	IGN SWB SPLY 1
65	R	P	IGN SWB SPLY 1
66	G	GR	IGN SWB SPLY 2
67	B	B	IGN SWB SPLY 2
68	L	L	IGN SWB SPLY 2
69	P	P	IGN SWB SPLY 2
70	L	L	IGN SWB SPLY 2

Connector No.	M124
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40PW-NH

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	G	G	IGNITION
4	GR	GR	GROUND
7	B	B	MICROPHONE SIGNAL
8	SHIELD	SHIELD	MICROPHONE GND
9	W	W	VEHICLE SPEED SIGNAL (8-PULSE)
10	W	W	CONTROL SIGNAL
20	GR	GR	CONTROL SIGNAL
27	GR	GR	VEHICLE SPEED (8-PULSE)
28	BE	BE	MICROPHONE VCC
29	W	W	MICROPHONE GND

Terminal No.	Color	Wire	Signal Name [Specification]
73	G	GR	ON IND
74	G	GR	DR DOOR REQ SW
75	V	V	DR DOOR REQ SW
76	B	B	DR DOOR REQ SW
77	W	W	DR DOOR REQ SW
78	W	W	DR DOOR REQ SW
79	W	W	DR DOOR REQ SW
80	GR	GR	PASS DOOR ANT+
81	BE	BE	PASS DOOR ANT-
82	G	G	REAR EMER ANT+
83	R	R	REAR EMER ANT-
84	GR	GR	ROOM ANT+
85	B	B	ROOM ANT-
86	W	W	ROOM ANT+
87	BE	BE	ROOM ANT-
88	GR	GR	Luggage ROOM ANT+
89	B	B	Luggage ROOM ANT-
90	P	P	PUSH-BTN IGN SW/L L PWR SPLY
91	W	W	PUSH-BTN IGN SW/L L PWR SPLY
92	W	W	PUSH-BTN IGN SW/L L PWR SPLY
93	R	R	IGN SWB SPLY 1
94	BE	BE	ACC RELAY CONT OUTPUT
95	W	W	STARTER RELAY CONT
96	P	P	IGN RELAY (PDM E/R) CONT
97	G	G	IGN RELAY (F/B) CONT OUTPUT
98	G	G	IGN RELAY (F/B) CONT OUTPUT
99	G	G	IGN RELAY (F/B) CONT OUTPUT
100	R	R	PASS DOOR REQ SW

Terminal No.	Color	Wire	Signal Name [Specification]
101	R	R	IGN SWB SPLY 2
102	P	P	IGN SWB SPLY 1
103	L	L	CVT SHIF SELECT SWB SPLY
104	R	R	STOP LAMP SW 2
105	O	O	BLWR RELAY CONT OUTPUT
106	O	O	BLWR RELAY CONT OUTPUT
109	R	R	ACC IND

Connector No.	M138
Connector Name	TEL ADAPTER UNIT
Connector Type	TH42FW-NH

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	G	G	IGNITION
4	GR	GR	GROUND
7	B	B	MICROPHONE SIGNAL
8	SHIELD	SHIELD	MICROPHONE GND
9	W	W	VEHICLE SPEED SIGNAL (8-PULSE)
10	W	W	CONTROL SIGNAL
20	GR	GR	CONTROL SIGNAL
27	GR	GR	VEHICLE SPEED (8-PULSE)
28	BE	BE	MICROPHONE VCC
29	W	W	MICROPHONE GND

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	G	G	IGNITION
4	GR	GR	GROUND
7	B	B	MICROPHONE SIGNAL
8	SHIELD	SHIELD	MICROPHONE GND
9	W	W	VEHICLE SPEED SIGNAL (8-PULSE)
10	W	W	CONTROL SIGNAL
20	GR	GR	CONTROL SIGNAL
27	GR	GR	VEHICLE SPEED (8-PULSE)
28	BE	BE	MICROPHONE VCC
29	W	W	MICROPHONE GND

Connector No.	M140
Connector Name	FRONT BLOWER MOTOR
Connector Type	NS03PW-M3

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	W	W	GROUND

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	W	W	GROUND

Connector No.	M144
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CS2

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	G	G	IGNITION
4	GR	GR	GROUND
7	B	B	MICROPHONE SIGNAL
8	SHIELD	SHIELD	MICROPHONE GND
9	W	W	VEHICLE SPEED SIGNAL (8-PULSE)
10	W	W	CONTROL SIGNAL
20	GR	GR	CONTROL SIGNAL
27	GR	GR	VEHICLE SPEED (8-PULSE)
28	BE	BE	MICROPHONE VCC
29	W	W	MICROPHONE GND

Terminal No.	Color	Wire	Signal Name [Specification]
2	Y	Y	SOUND SIGNAL FRONT SPEAKER LH (+)
3	B	B	SOUND SIGNAL FRONT SPEAKER LH (-)
4	SB	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	LG	LG	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
6	G	G	STRG SW A
7	G	G	IG
8	B	B	ILLUMINATION CONTROL SIGNAL (-)
9	P	P	ILLUMINATION CONTROL SIGNAL (+)
10	B	B	SOUND SIGNAL FRONT SPEAKER RH (+)
11	B	B	SOUND SIGNAL FRONT SPEAKER RH (-)
12	B	B	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
13	P	P	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
14	L	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
15	GR	GR	STRG SW GND
16	P	P	STRG SW B
18	BE	BE	VEHICLE SPEED (8-PULSE)
19	Y	Y	BATTERY
20	B	B	GROUND

Connector No.	M186
Connector Name	AV CONTROL UNIT
Connector Type	TH02FW-NH

Terminal No.	Color	Wire	Signal Name [Specification]
1	Y	Y	BATTERY
2	GR	GR	ACC
3	W	W	GROUND

Terminal No.	Color	Wire	Signal Name [Specification]
79	Y	Y	AV COMM L1
79	Y	Y	AV COMM L1
78	LG	LG	AV COMM L1
78	LG	LG	AV COMM L1
79	SB	SB	AV COMM H1
80	P	P	CAN-L
81	L	L	CAN-H
82	R	R	SW GND
87	R	R	SOUND SIGNAL (+)
88	W	W	SOUND SIGNAL (-)
90	BR	BR	HEADPHONE SOUND SIGNAL RH (+)
91	Y	Y	HEADPHONE SOUND SIGNAL RH (-)
92	P	P	VEHICLE SPEED SIGNAL (8-PULSE)
93	R	R	PARKING BRAKE
94	W	W	REVERSE
95	G	G	DISK EJECT SIGNAL
96	W	W	DISK EJECT SIGNAL
102	W	W	AUX SOUND SIGNAL GND
103	B	B	AUX SOUND SIGNAL LH (+)
104	R	R	AUX SOUND SIGNAL RH (+)
105	GR	GR	SHIELD
106	P	P	HEADPHONE SOUND SIGNAL LH (+)
107	L	L	HEADPHONE SOUND SIGNAL LH (-)

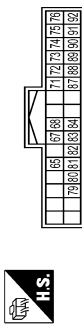
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M193
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-NH



Connector No.	M212
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS56FBP-CS



Connector No.	M253
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH



Connector No.	R16
Connector Name	REAR A/C CONTROL
Connector Type	TH12FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
65	R	PARKING BRAKE
66	W	COMPOSITE IMAGE SIGNAL GND
68	R	COMPOSITE IMAGE SIGNAL
71	SHIELD	SHIELD
72	W	MICROPHONE XCG
73	B	COMM (CONT->DISP)
74	P	CAN-L
75	LG	AV COMM (L)
76	LG	AV COMM (L)
79	BE	MR OUTPUT
80	G	IGNITION
81	W	REVERSE
82	P	VEHICLE SPEED SIGNAL (8-PULSE)
83	SHIELD	SHIELD
84	B	COMPOSITE IMAGE SYNC
85	B	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	W	COMM (DISP->CONT)
80	L	CAN-H
91	SB	AV COMM (H)
92	V	AV COMM (H)

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	SB	-
3	Y	-
4	GR	-
5	P	-
6	B	-

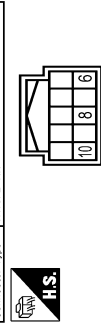
Connector No.	M213
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS56FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
3	SHIELD	SHIELD
4	B	CAMERA DRIVER SIDE IMAGE SIGNAL
5	B	FRONT CAMERA GROUND
6	R	FRONT CAMERA POWER SUPPLY
7	SHIELD	SHIELD
8	W	FRONT CAMERA IMAGE SIGNAL
9	B	SIDE CAMERA PASSENGER SIDE GROUND
10	R	SIDE CAMERA PASSENGER SIDE POWER SUPPLY
11	SHIELD	SHIELD
12	W	SIDE CAMERA PASSENGER SIDE IMAGE SIGNAL
13	B	SIDE CAMERA DRIVER SIDE GROUND
14	R	SIDE CAMERA DRIVER SIDE POWER SUPPLY
15	SHIELD	SHIELD
16	W	SIDE CAMERA DRIVER SIDE IMAGE SIGNAL
17	B	REAR CAMERA GROUND
18	B	REAR CAMERA POWER SUPPLY
19	SHIELD	SHIELD
20	W	REAR CAMERA IMAGE SIGNAL
24	P	CAN-L
26	L	CAN-H
32	LG	REVERSE SIGNAL
39	B	GROUND
40	G	IGNITION SIGNAL

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	B	ILL+ (With auto A/G)
3	R/L	ILL+ (With manual A/G)
5	B	ILL-
6	B	BR/R
9	V	RX (With manual A/G)
10	BR	RX (With auto A/G)
12	G	IGN

Connector No.	R25
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10PE-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
6	V	-
8	G	-
10	BR	-

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	BR	-
3	LG	-
4	B	-
5	P	-
6	GR	-

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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

Connector No.	R38
Connector Name	REAR DISPLAY UNIT
Connector Type	TH32FW-NH



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

Connector No.	R101
Connector Name	REAR A/C CONTROL
Connector Type	TH12FW-NH



1	3	5	6	9	10	12
---	---	---	---	---	----	----

Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	HEADPHONE SOUND SIGNAL RH (-)
2	L/O	HEADPHONE SOUND SIGNAL RH (+)
3	W	HEADPHONE SOUND SIGNAL LH (-)
4	B	HEADPHONE SOUND SIGNAL LH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
7	B	COMPOSITE IMAGE SIGNAL
8	W	COMPOSITE IMAGE SIGNAL GND
18	SHIELD	SHIELD
19	W	AV COMM (L)
20	Y	AV COMM (L)
21	B	AV COMM (H)
22	BR	AV COMM (H)
26	LG	IGN
27	SP	ILL
28	V	ACC
29	GR	4B
30	GR	4B
31	B	GROUND
32	B	GROUND

Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	GROUND
5	Y	ILL
6	B	ILL
8	LG	RX
9	LG	RX
10	SB	TX
12	P	IGN [Without automatic drive positioner]
12	V	IGN [With automatic drive positioner]

JRMWG3381GB

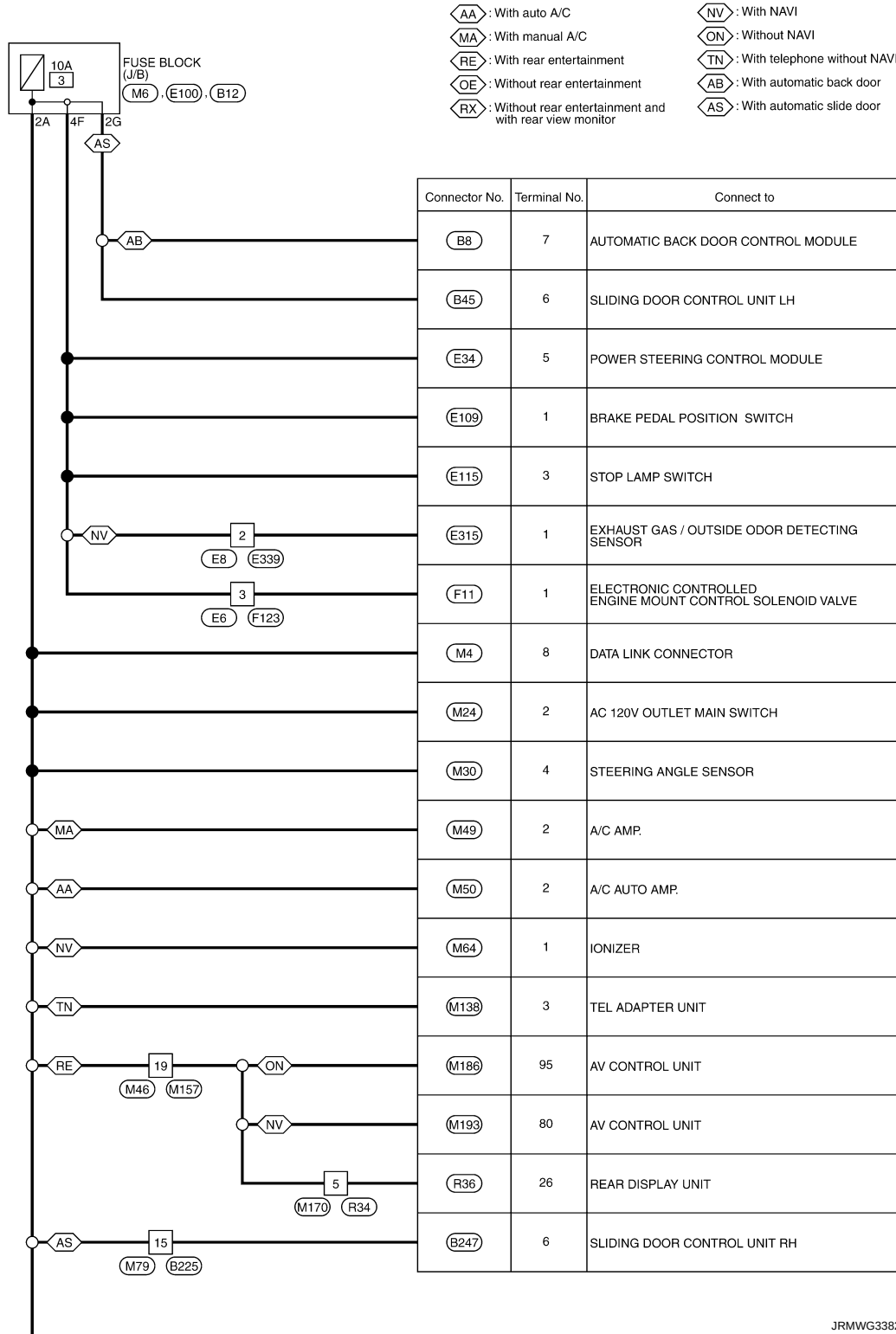
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:0000000011321056

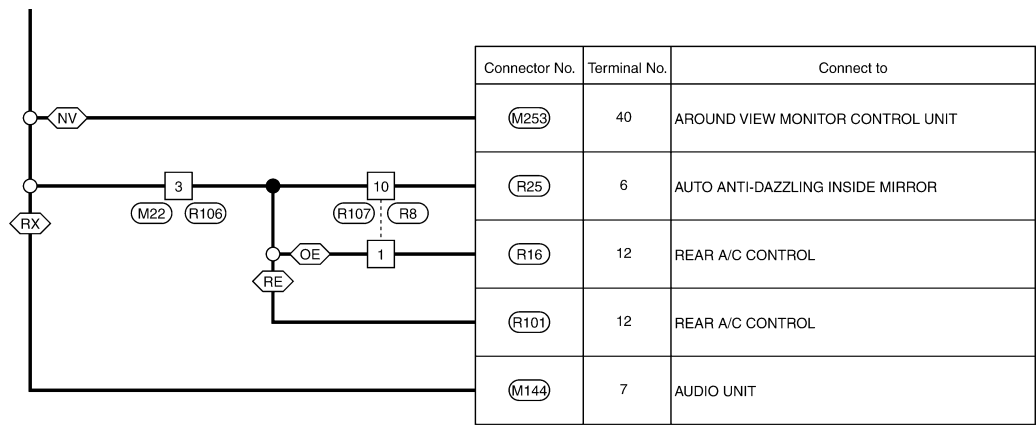
IGNITION POWER SUPPLY FUSE No. 3



JRMWG3382GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



2014/07/25

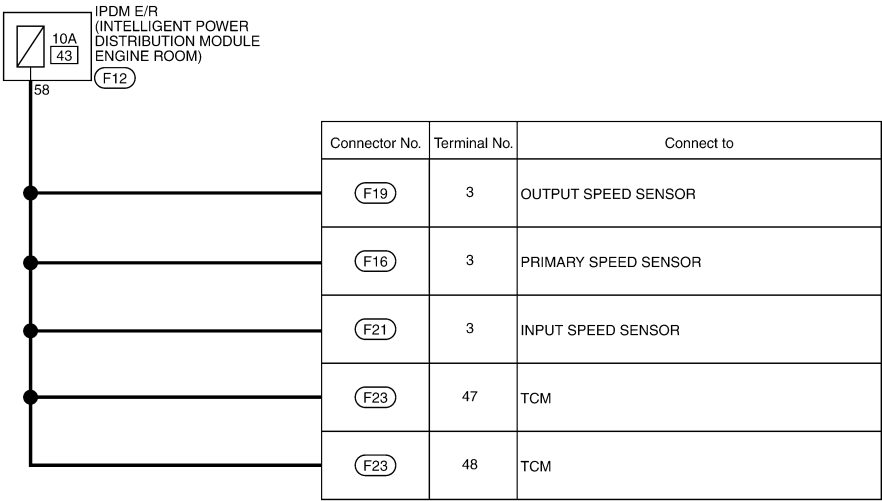
JRMWG3383GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 43 -
IGNITION POWER SUPPLY FUSE No. 43

INFOID:0000000011321057



2014/07/25

JRMWG3384GB

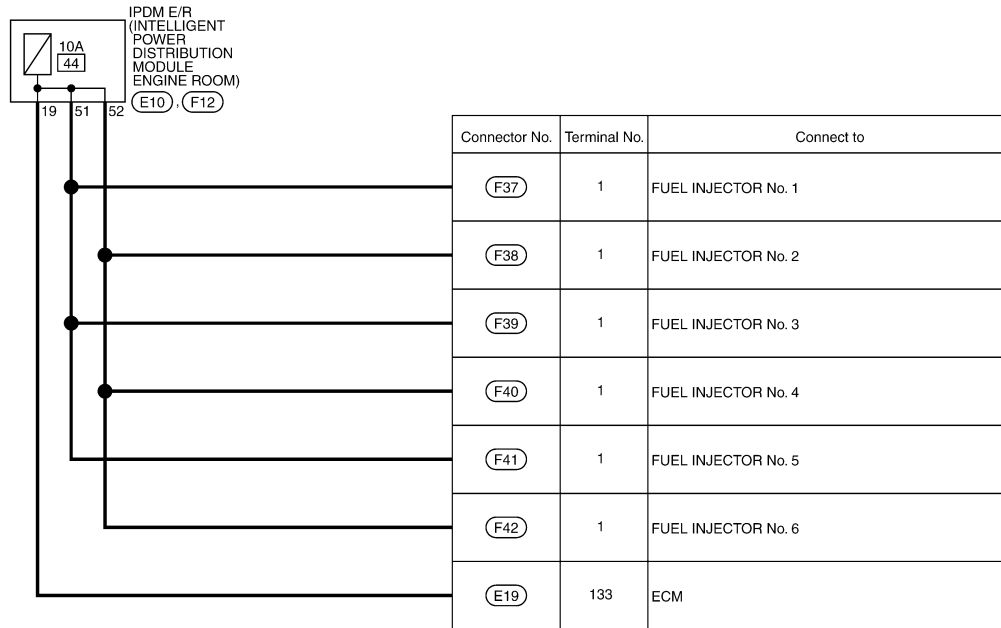
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 - IGNITION POWER SUPPLY FUSE No. 44

INFOID:000000011321058



2014/07/25

JRMWG3385GB

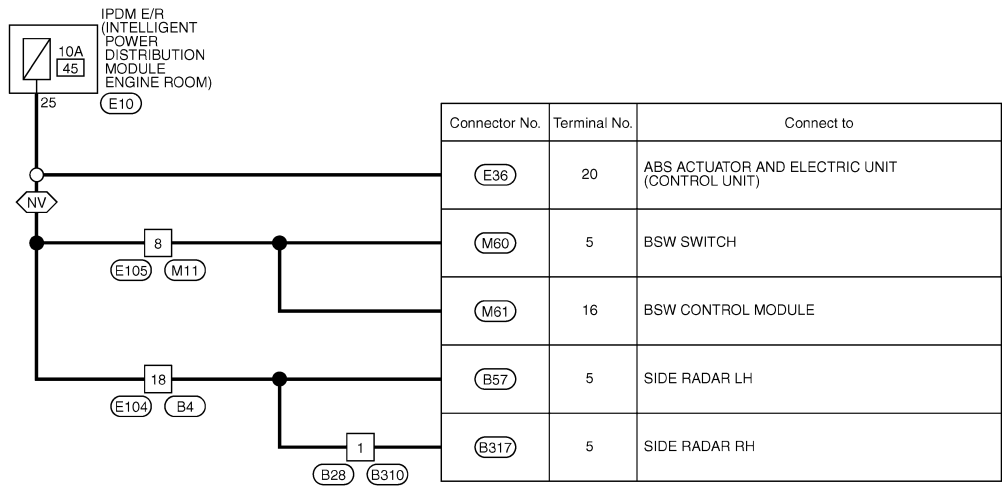
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -
IGNITION POWER SUPPLY FUSE No. 45

INFOID:0000000011321059

 : With NAVI



2010/12/13

JCMWA7779GB

GROUND DISTRIBUTION

< WIRING DIAGRAM >

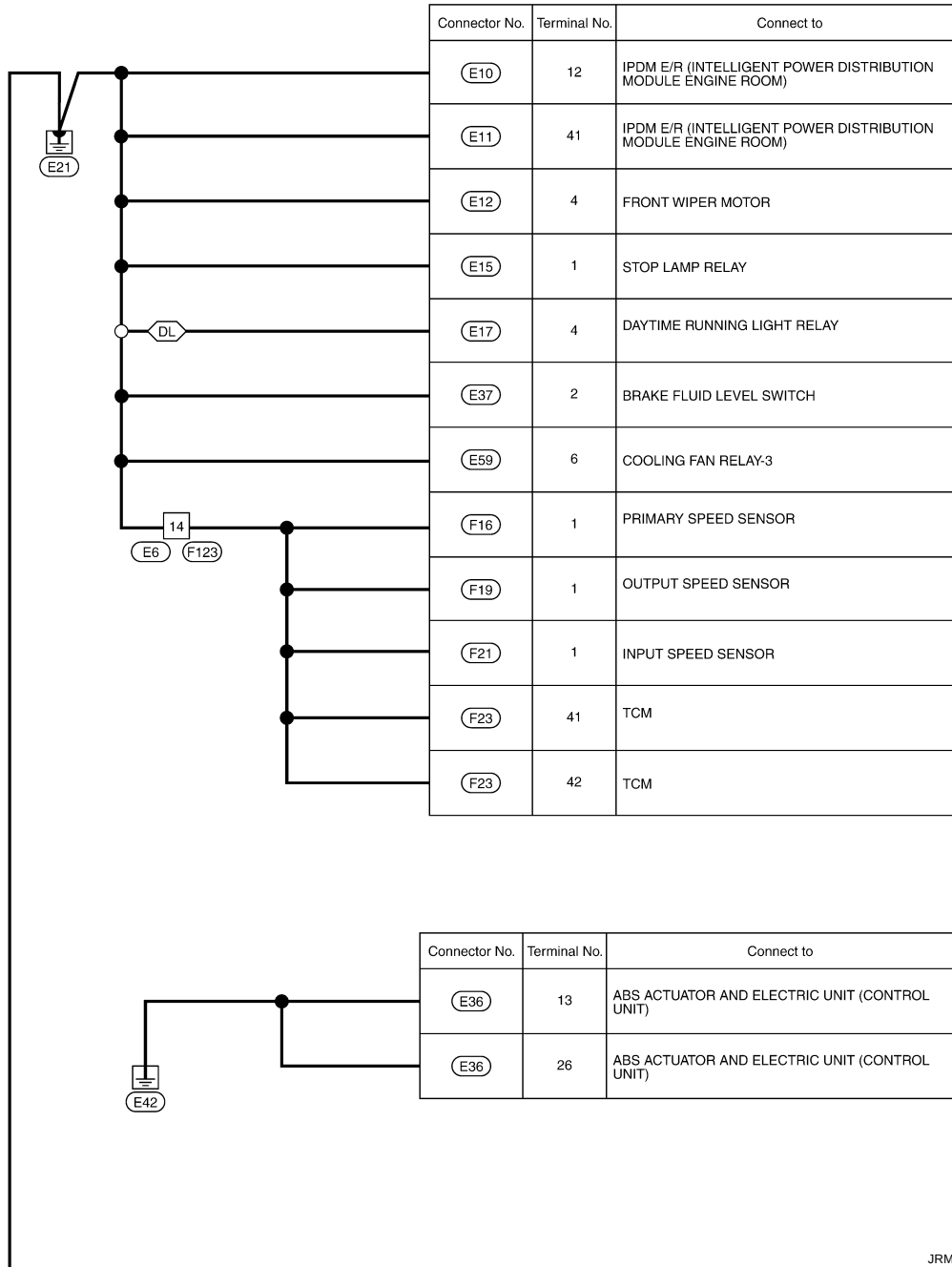
GROUND DISTRIBUTION

Engine Room Harness

INFOID:000000011552581

ENGINE ROOM HARNESS

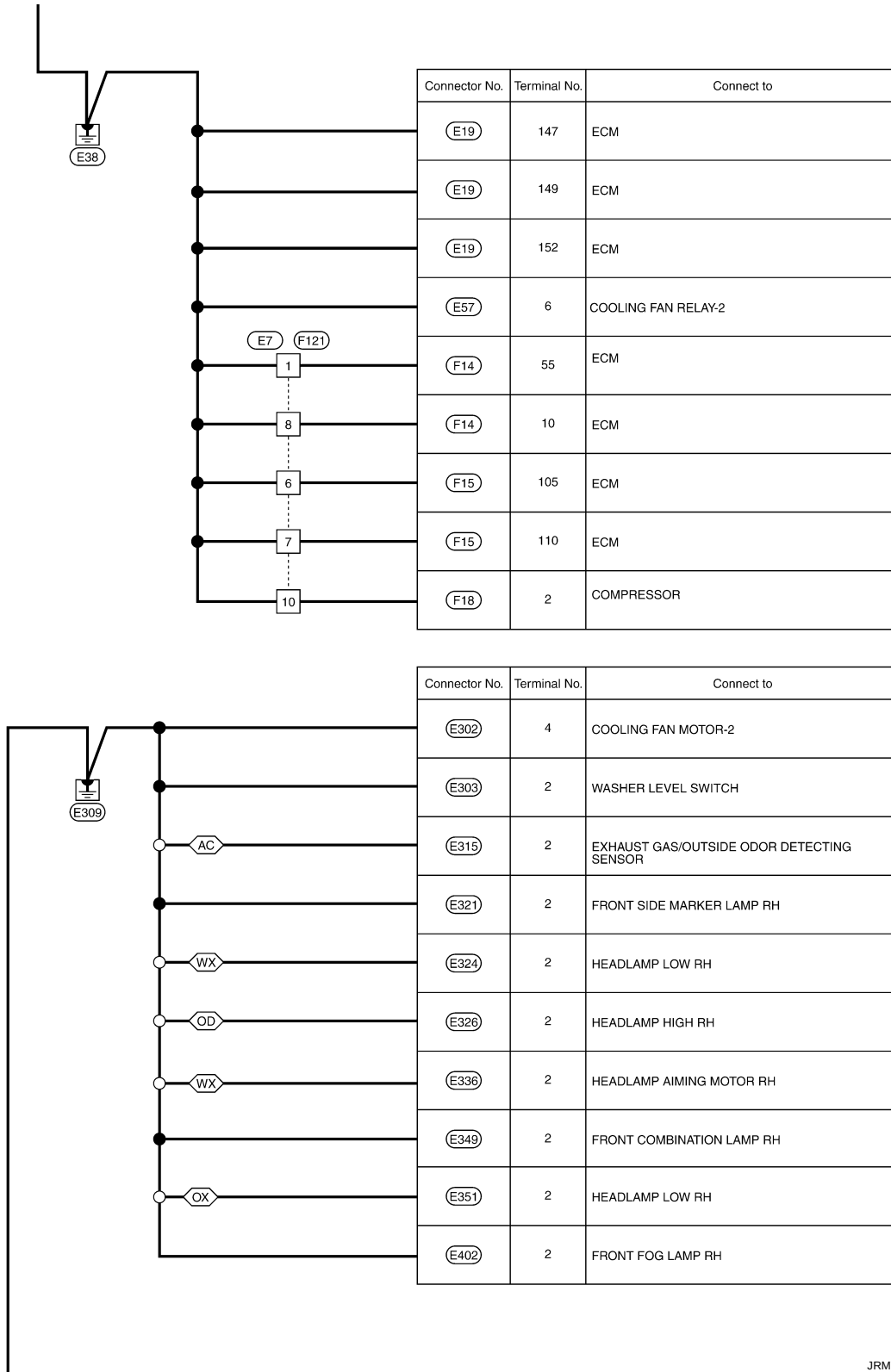
- ⬡AC⬡ : With ACCS (Advanced Climate Control System)
⬡DL⬡ : With daytime running light system
⬡OD⬡ : Without daytime running light system
⬡OX⬡ : Without xenon headlamp
⬡WX⬡ : With xenon headlamp



JRMWG3395GB

GROUND DISTRIBUTION

< WIRING DIAGRAM >

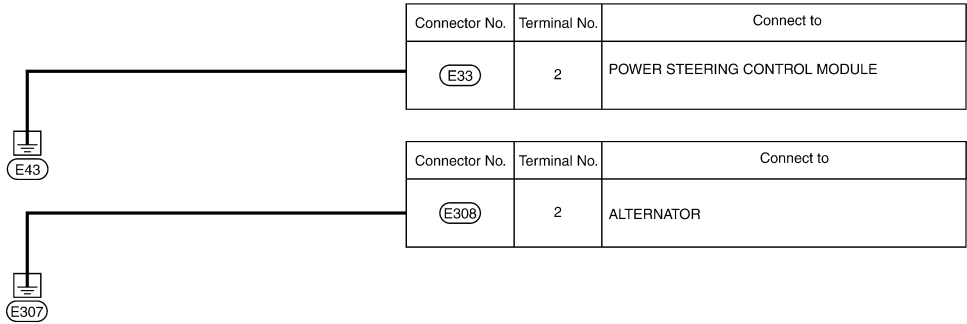
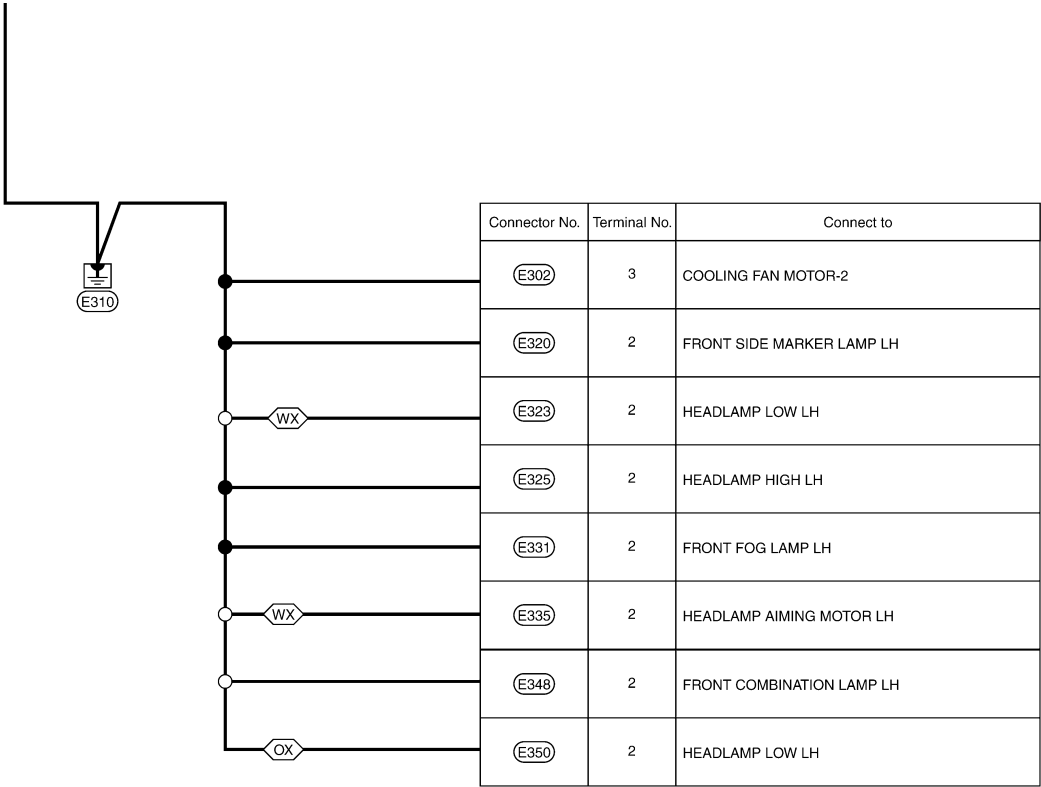


JRMWG3396GB

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GROUND DISTRIBUTION

< WIRING DIAGRAM >



2014/07/25

JRMWG3397GB

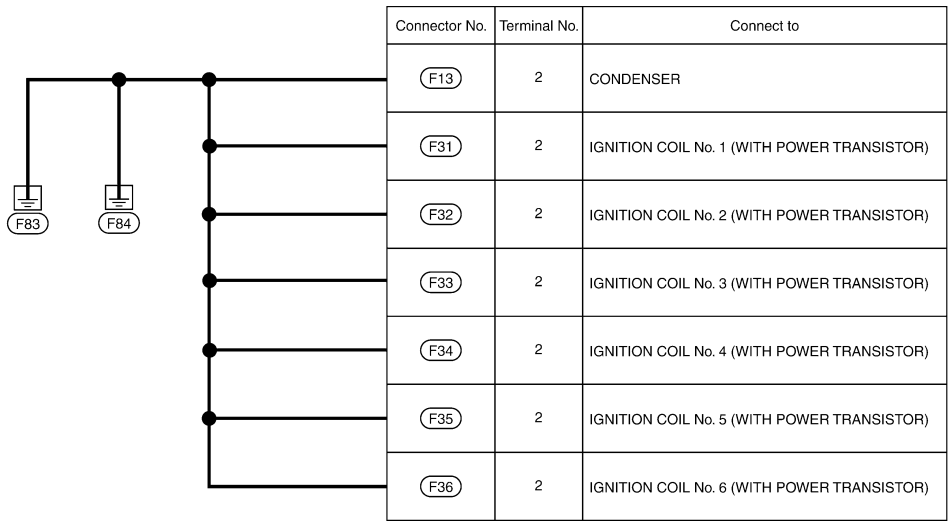
GROUND DISTRIBUTION

< WIRING DIAGRAM >

Engine Control Harness

INFOID:0000000011552582

ENGINE CONTROL HARNESS



2014/07/25

JRMWG3394GB

PG

GROUND DISTRIBUTION

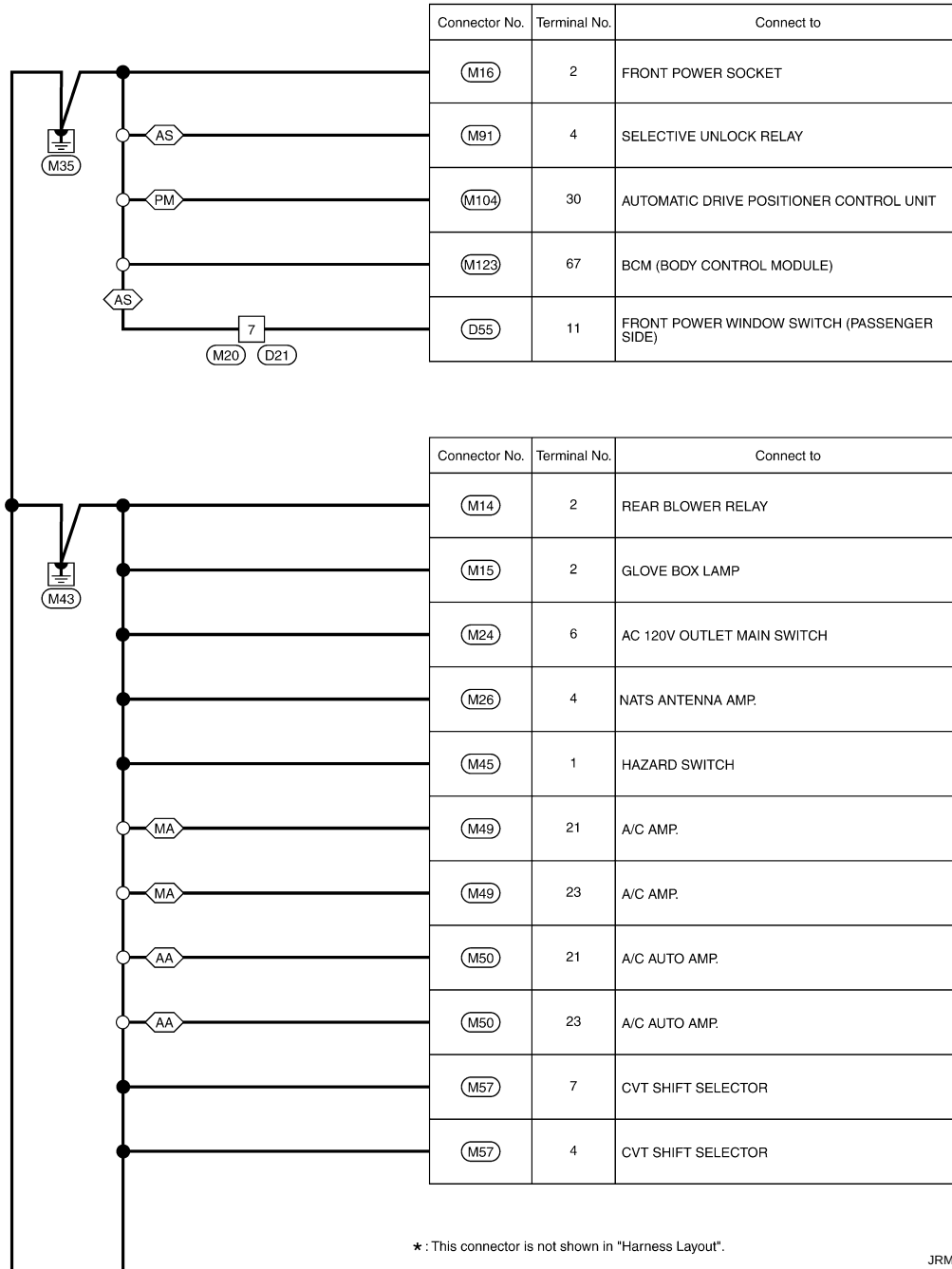
< WIRING DIAGRAM >

Main Harness

INFOID:000000011552583

MAIN HARNESS

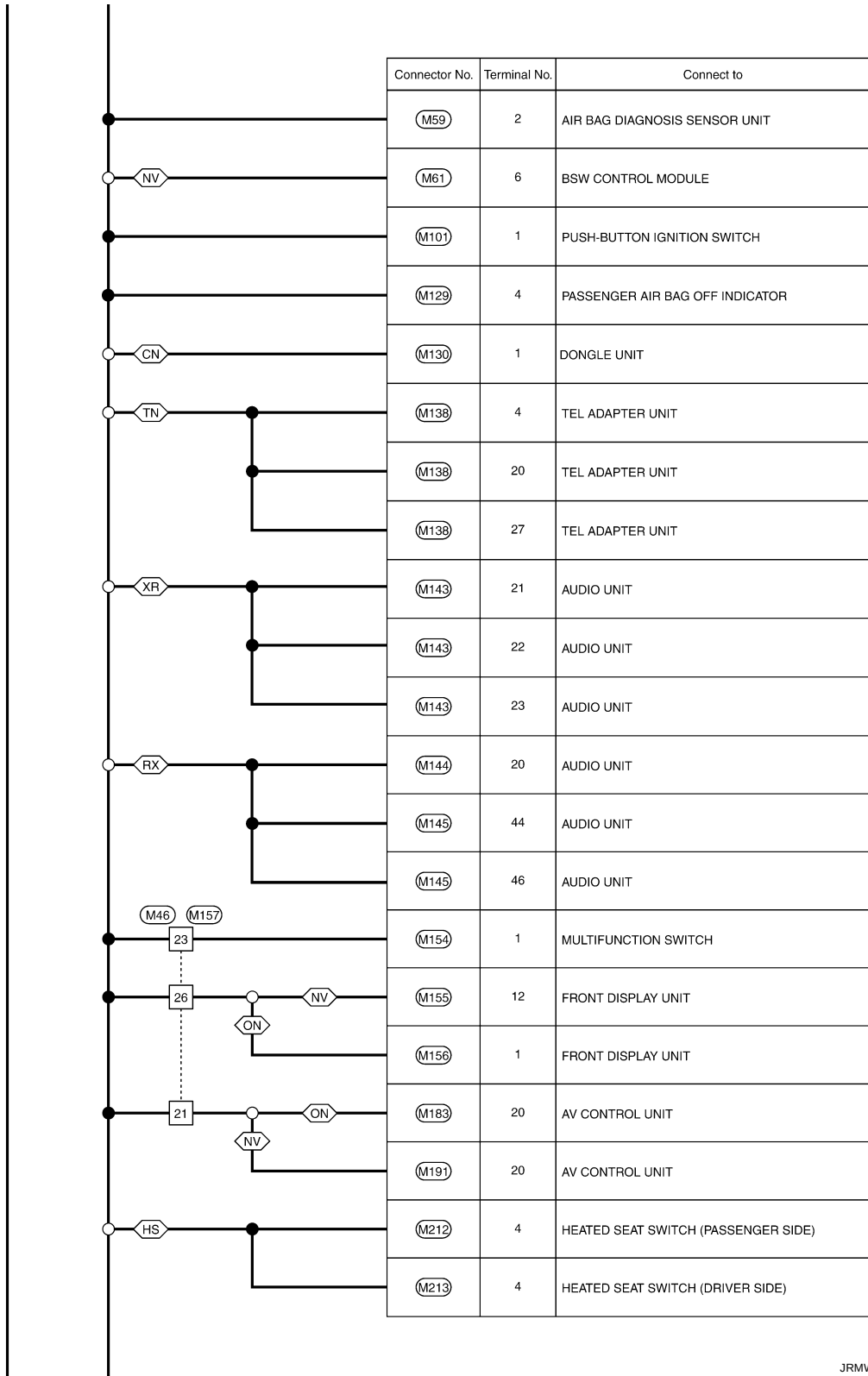
- | | | |
|---|---|-------------------------------|
| : With telephone without NAVI | : With auto A/C | : With NAVI |
| : Without rear entertainment and rear view monitor | : With manual A/C | : Without NAVI |
| : Without rear entertainment and with rear view monitor | : With automatic drive positioner | : With automatic side door |
| : With front power window anti-pinch system | : Without automatic drive positioner | : With automatic back door |
| : With ACCS (Advanced Climate Control System) | : With sunroof | : Without automatic side door |
| : With xenon headlamp | : With heated seat | : With rear entertainment |
| : For Canada | : With side turn and defogger door mirror | : Without rear entertainment |



JRMWG3389GB

GROUND DISTRIBUTION

< WIRING DIAGRAM >

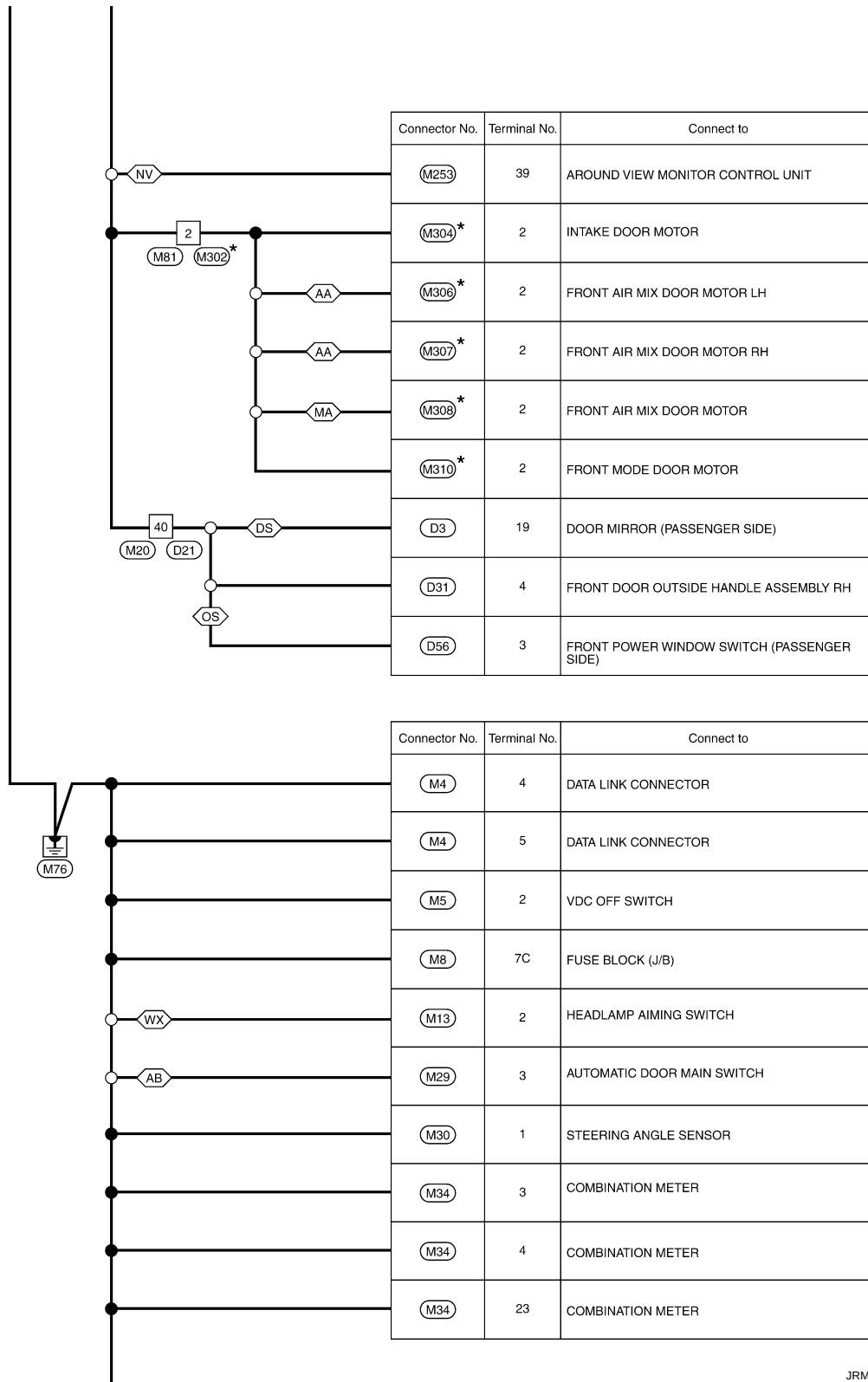


JRMWG3390GB

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GROUND DISTRIBUTION

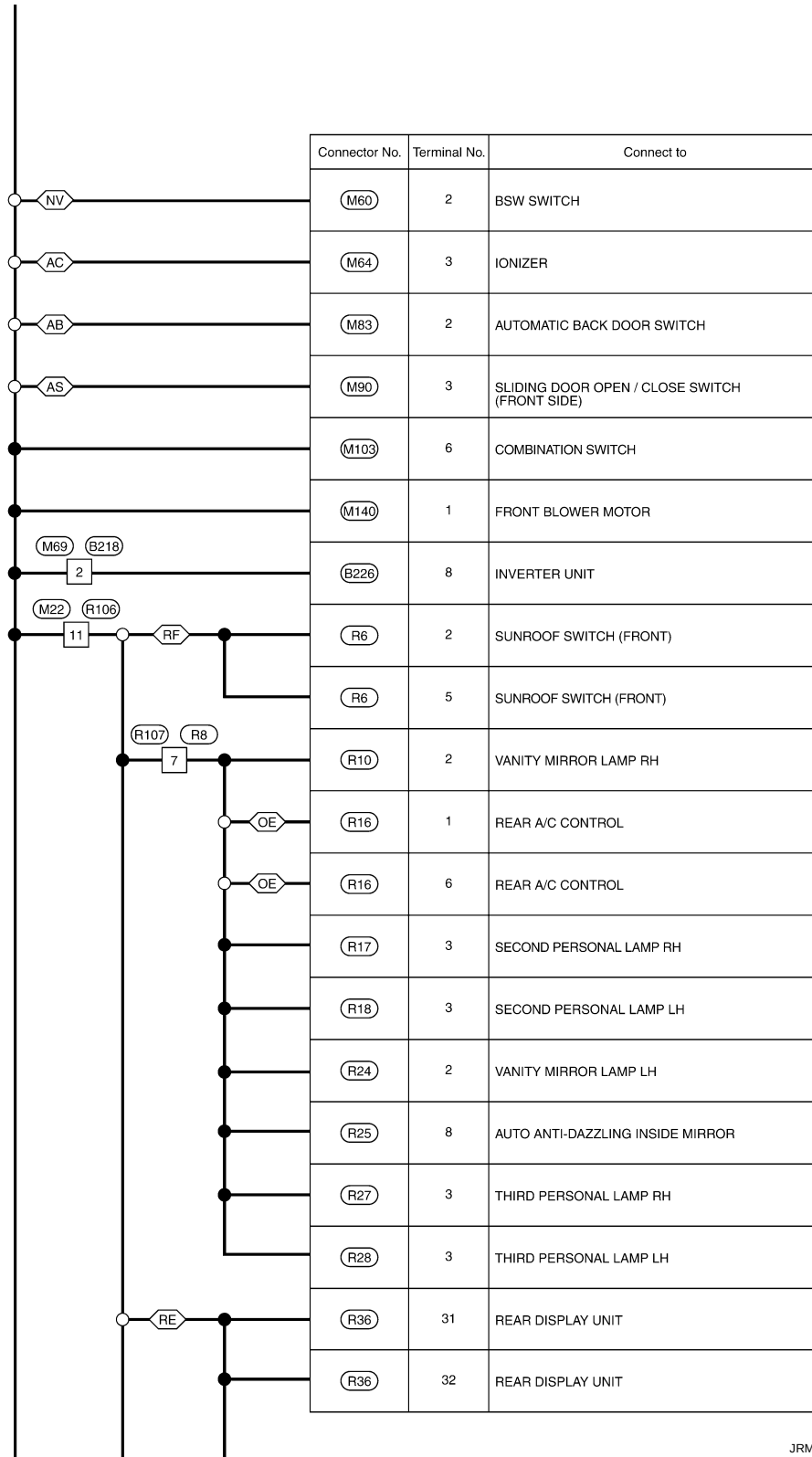
< WIRING DIAGRAM >



JRMWG3391GB

GROUND DISTRIBUTION

< WIRING DIAGRAM >

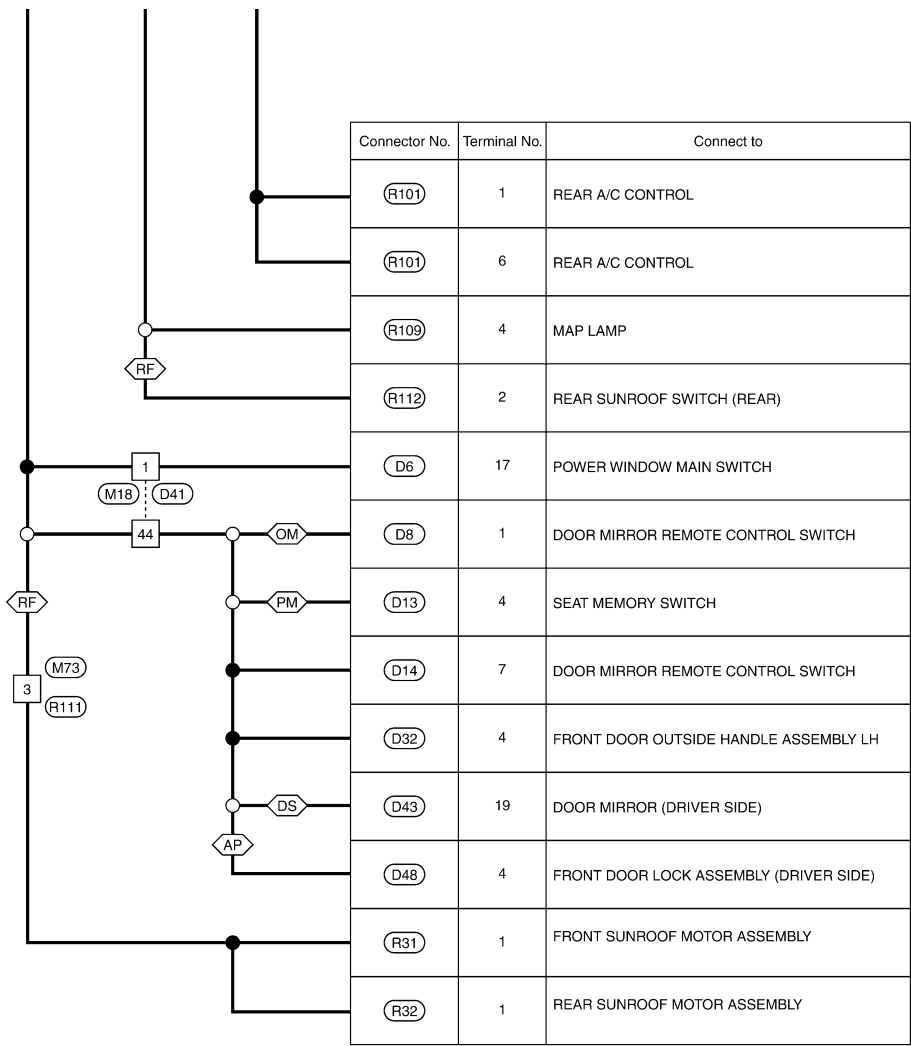


JRMWG3392GB

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GROUND DISTRIBUTION

< WIRING DIAGRAM >



2014/07/25

JRMWG3393GB

GROUND DISTRIBUTION

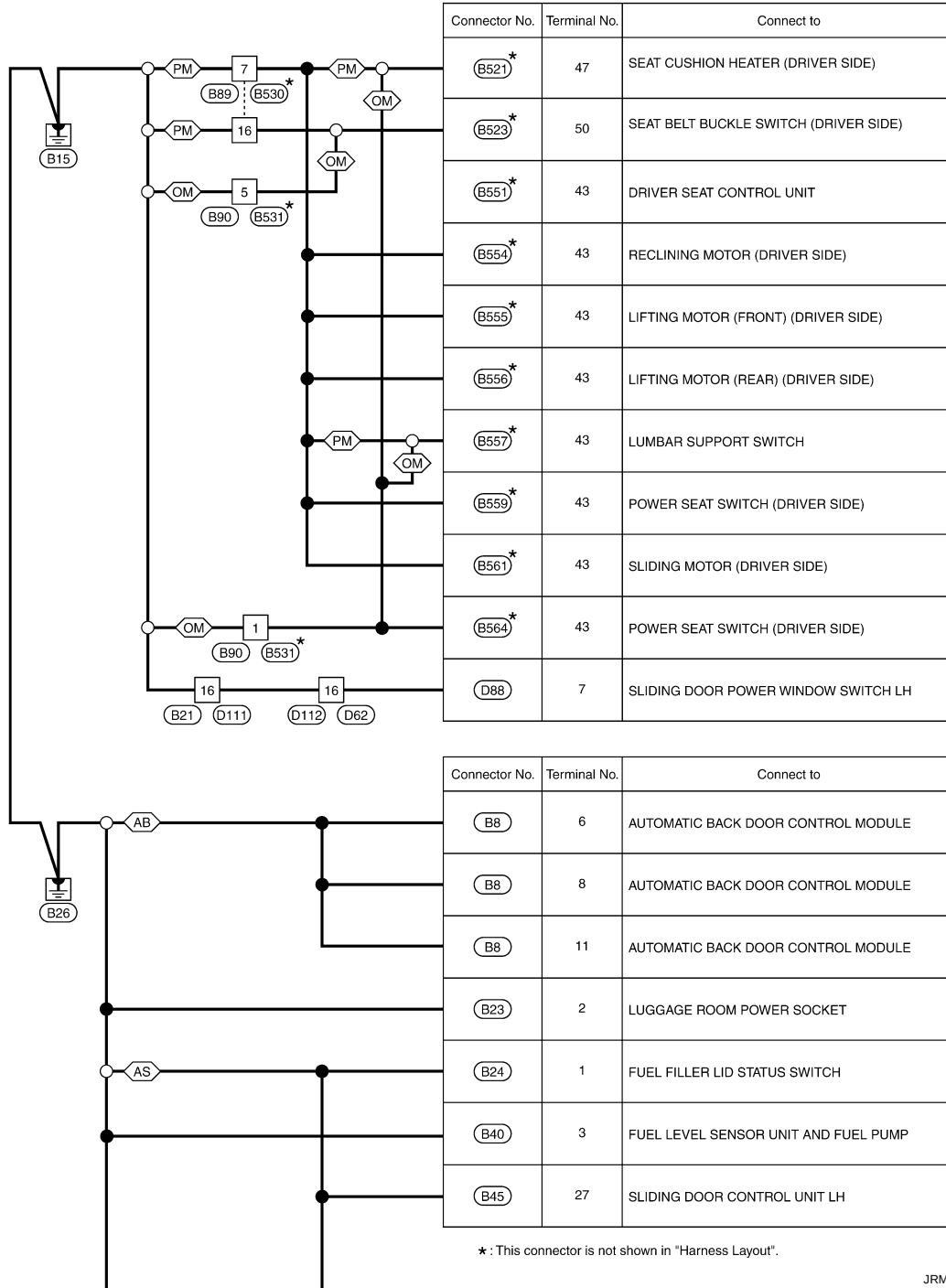
< WIRING DIAGRAM >

Body Harness

INFOID:0000000011552584

BODY HARNESS

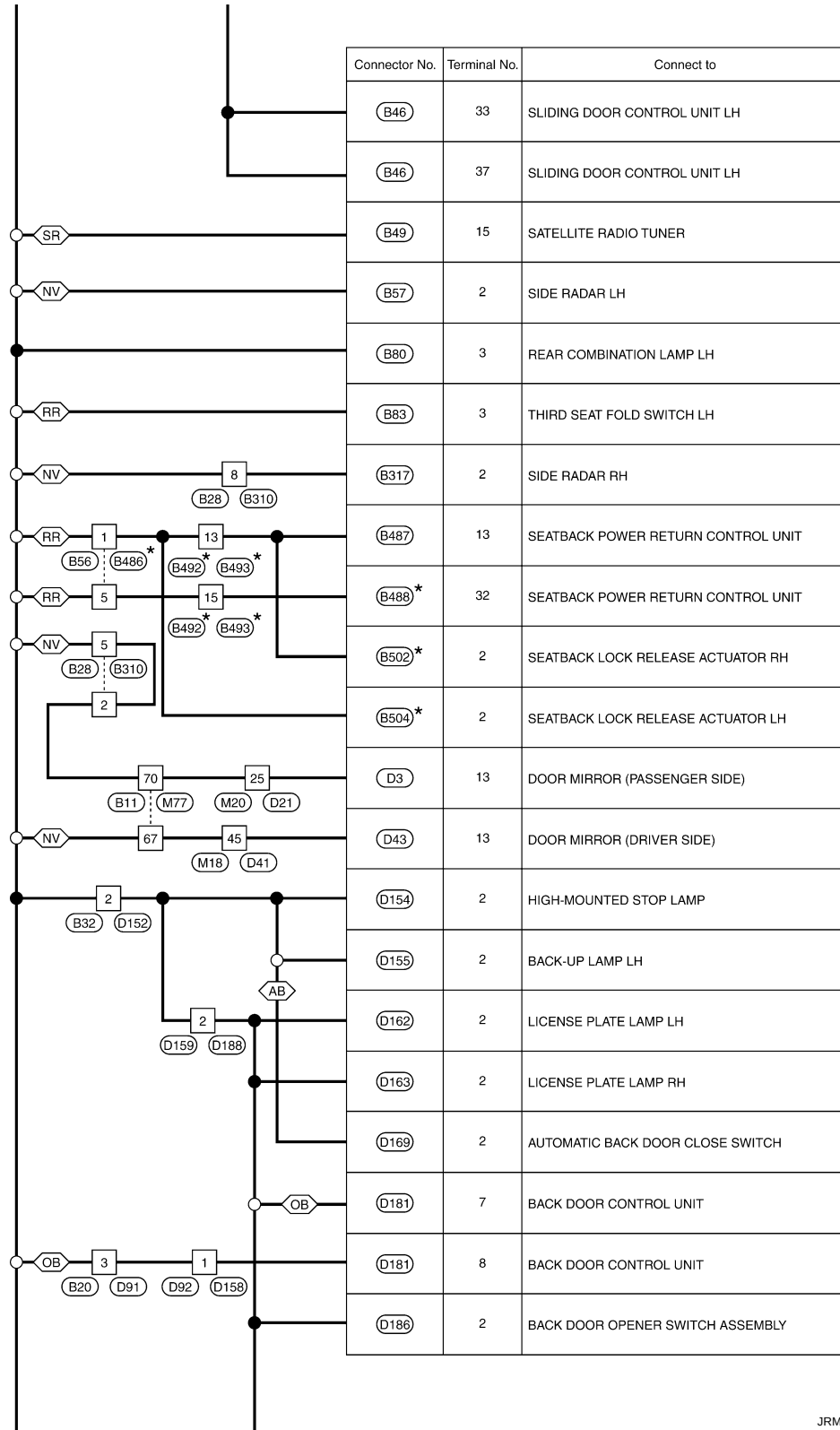
- PM : With automatic drive positioner
 OM : Without automatic drive positioner
 AS : With automatic side door
 AB : With automatic back door
 NV : With NAVI
 SR : With satellite radio
 WB : With BOSE system
 RR : With seatback power folding system
 HS : With heated seat



JRMWG3398GB

GROUND DISTRIBUTION

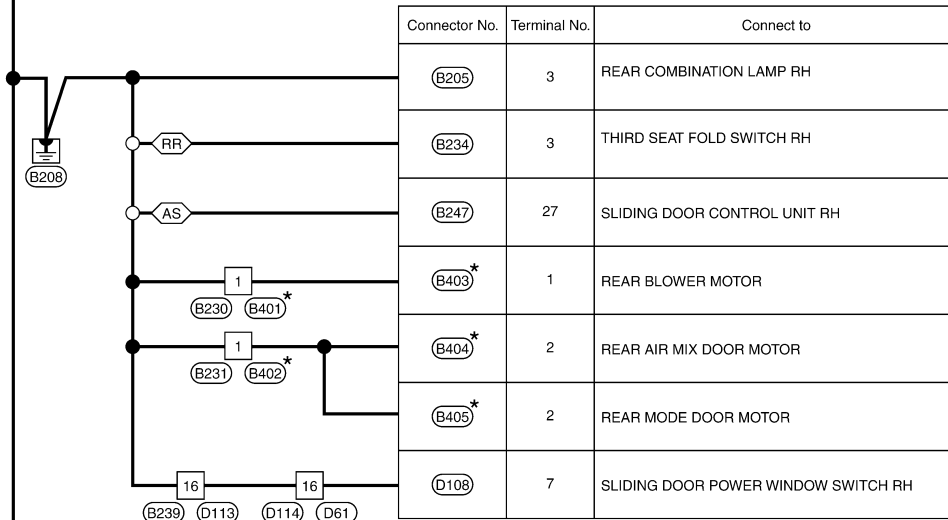
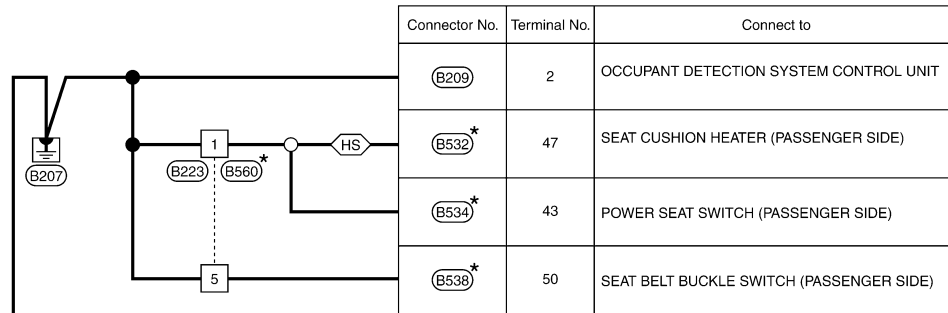
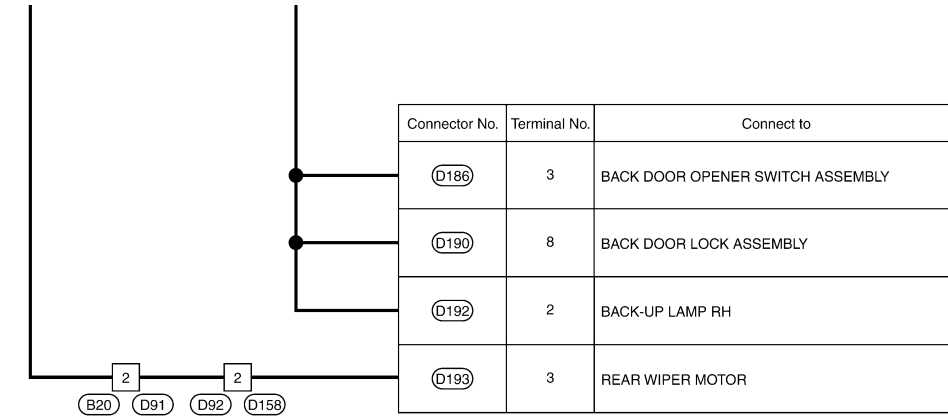
< WIRING DIAGRAM >



JRMWG3399GB

GROUND DISTRIBUTION

< WIRING DIAGRAM >

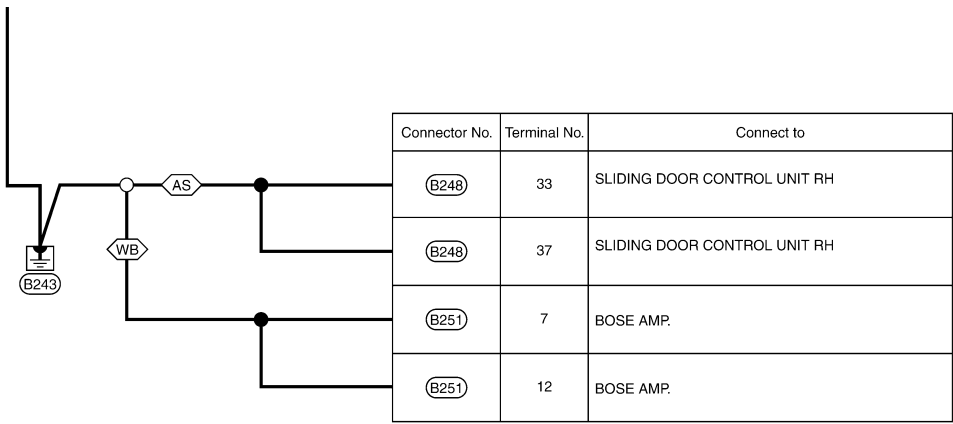


JRMWG3400GB

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GROUND DISTRIBUTION

< WIRING DIAGRAM >



2014/07/25

JRMWG3401GB

FUSE BLOCK - JUNCTION BOX (J/B)

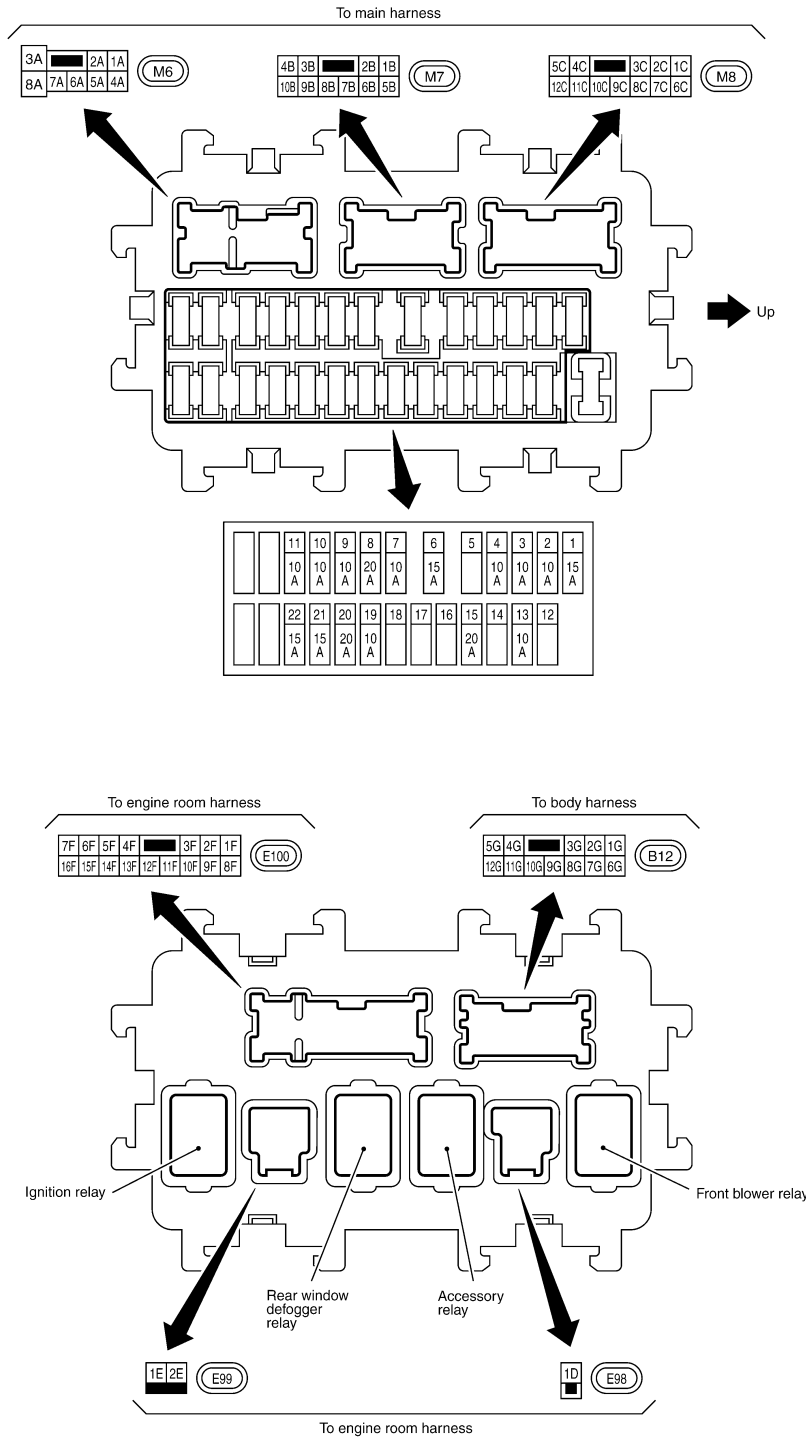
< WIRING DIAGRAM >

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:0000000011321061

FUSE BLOCK-JUNCTION BOX (J/B) Fuse,Connector and Terminal Arrangement



2014/07/25

JRMWG3386GB

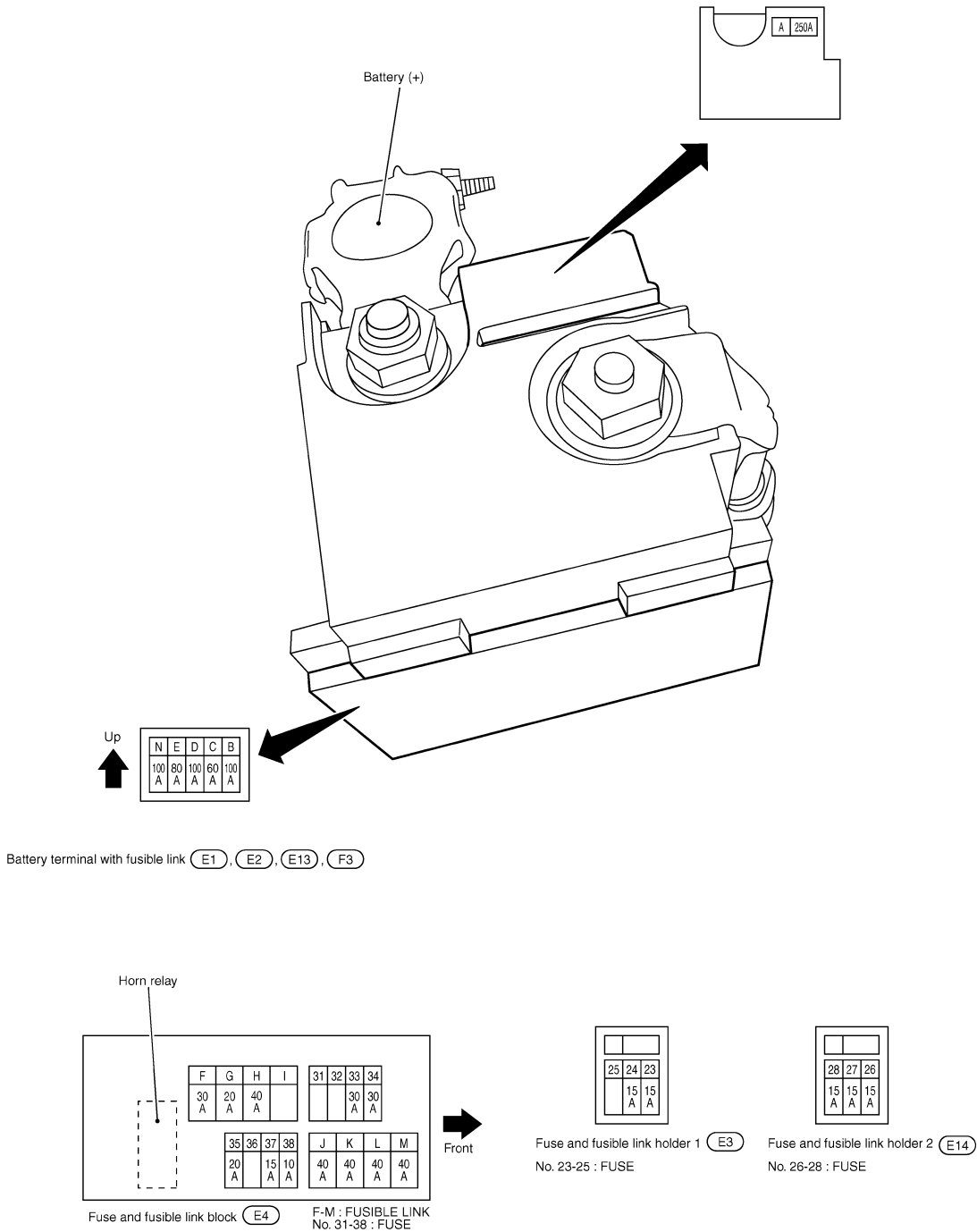
FUSE, FUSIBLE LINK AND RELAY BOX

< WIRING DIAGRAM >

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000011321062



2010/12/13

JCMWA7784GB

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

< WIRING DIAGRAM >

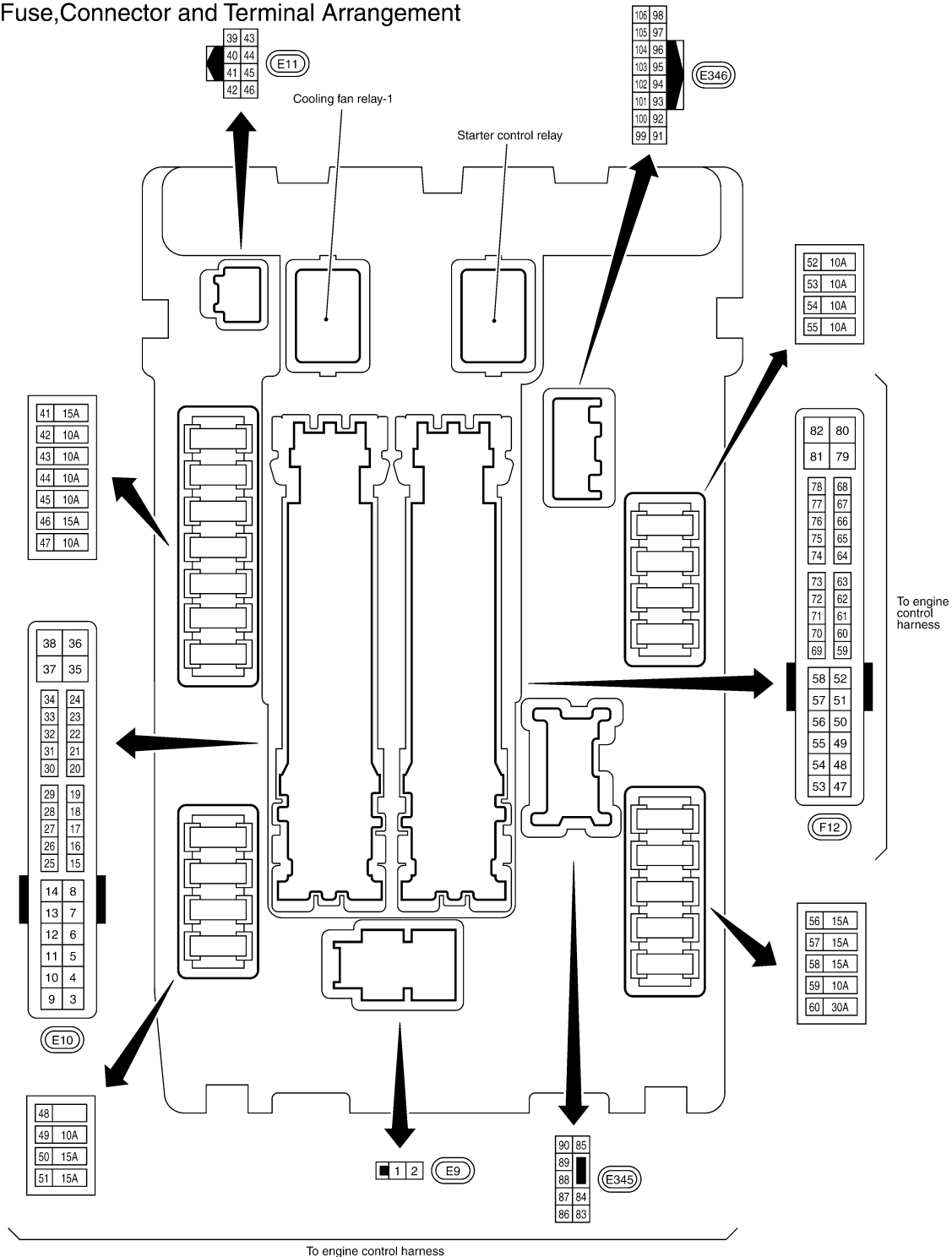
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

INFOID:0000000011321063

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

Fuse, Connector and Terminal Arrangement



2014/07/25

JRMWG3388GB

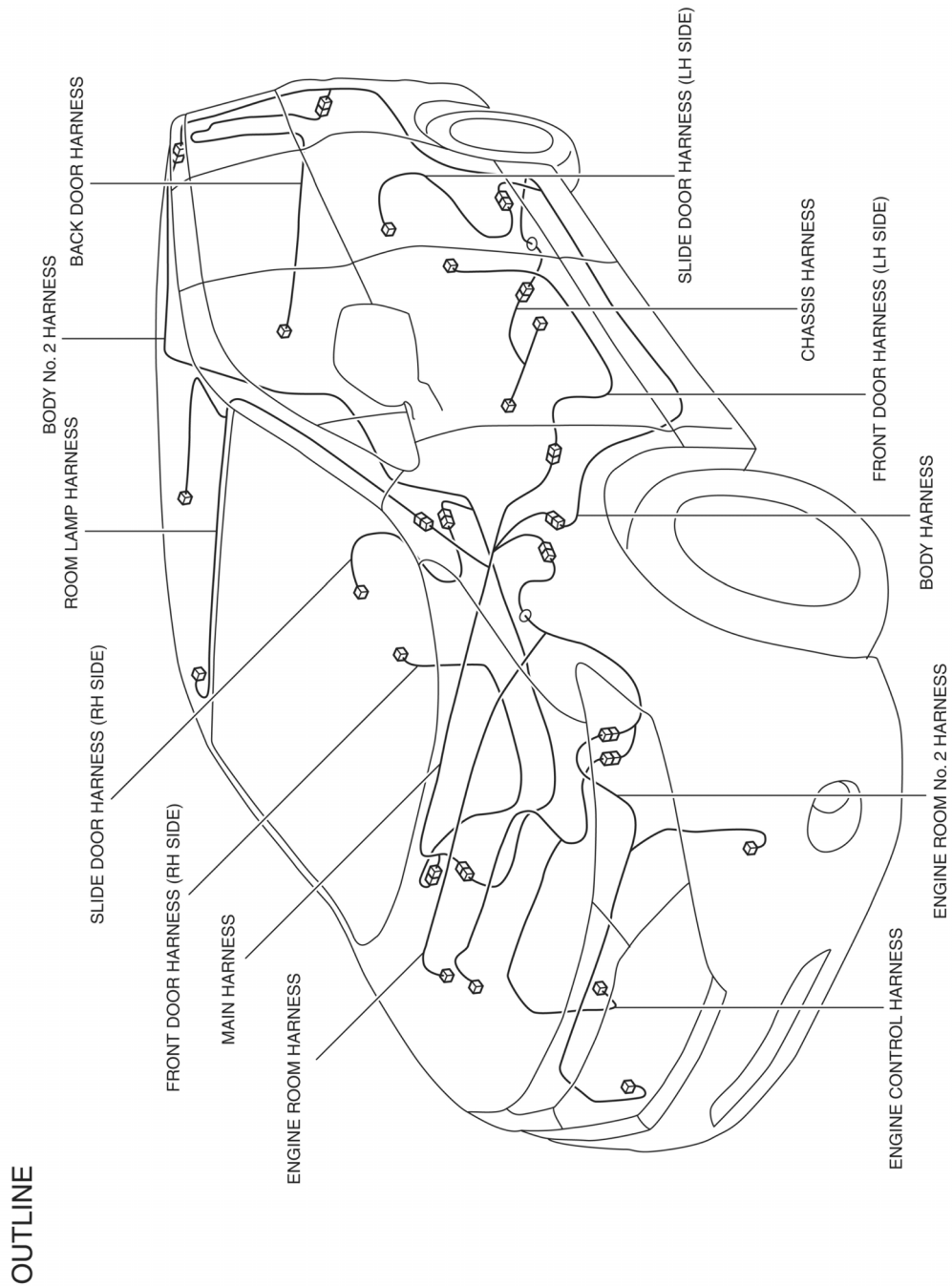
HARNESS LAYOUT

< WIRING DIAGRAM >

HARNESS LAYOUT

Outline

INFOID:0000000011321064



JRMIC1972GB

2012/07/19

HARNESS LAYOUT

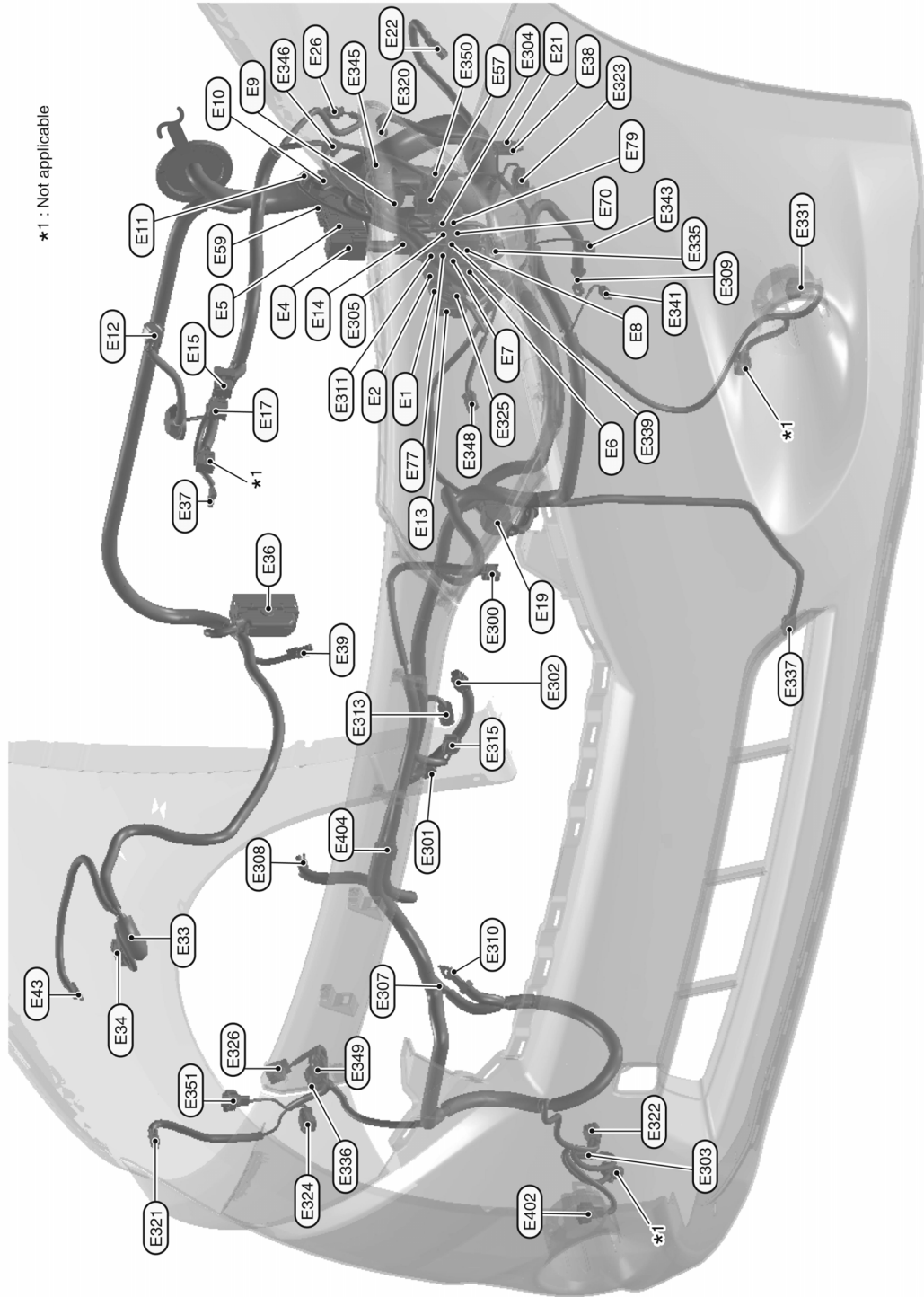
< WIRING DIAGRAM >

Engine Room Harness

INFOID:0000000011321065

ENGINE COMPARTMENT

ENGINE ROOM HARNESS /
Engine Compartment



2014/07/25

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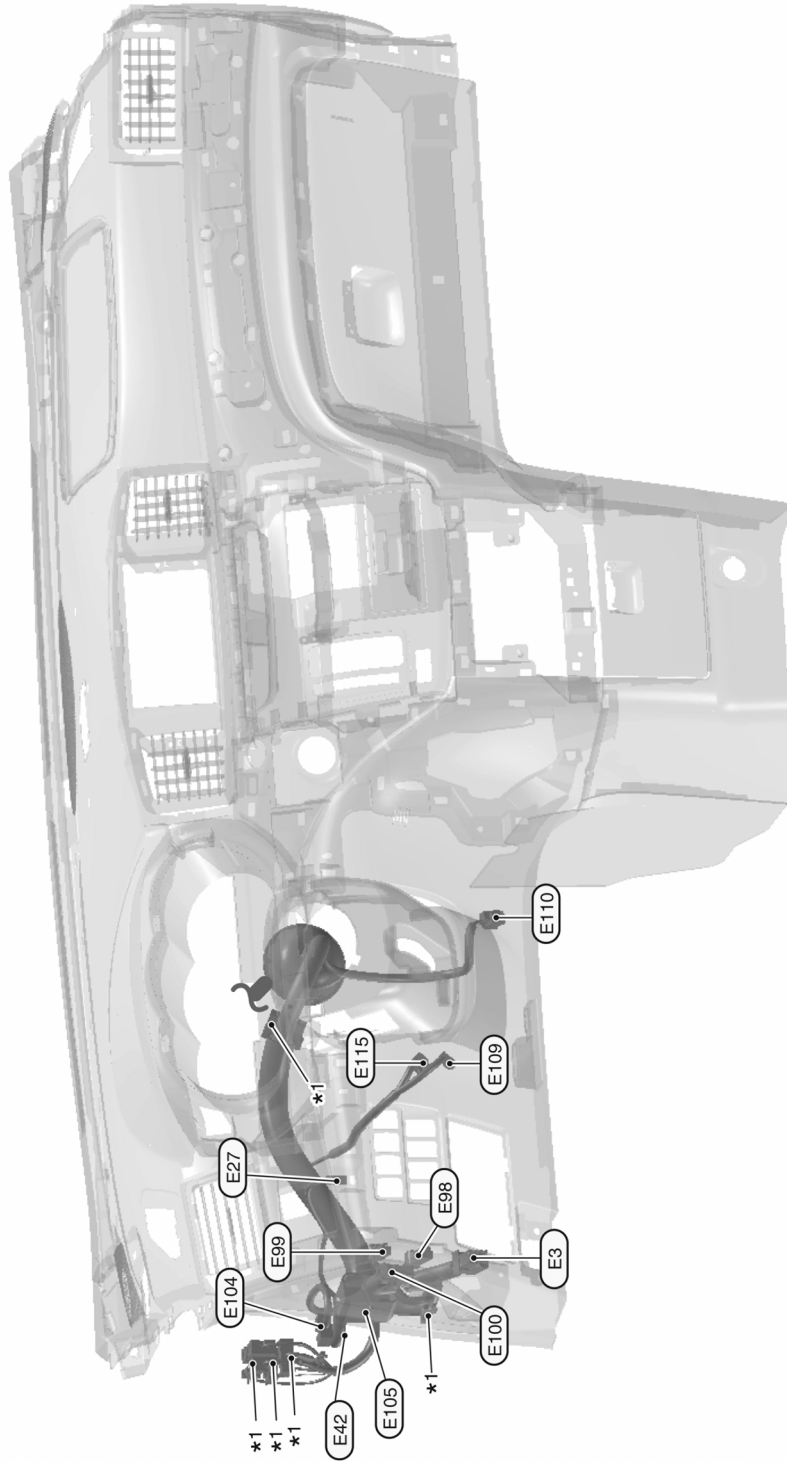
HARNESS LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT

Passenger Compartment

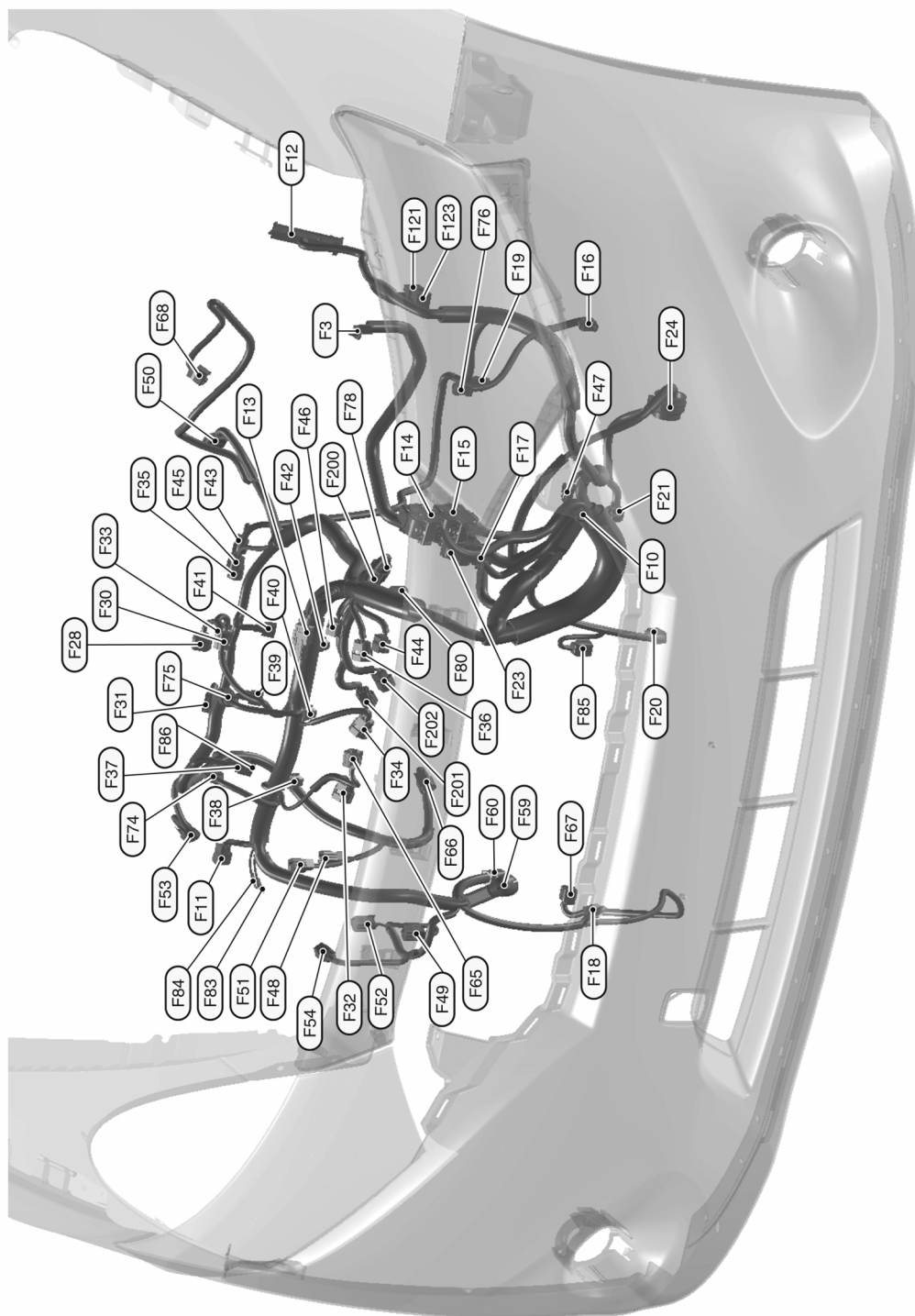
*1 : Not applicable



2014/07/25

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ENGINE CONTROL HARNESS



2014/07/25

JRMIC5110GB

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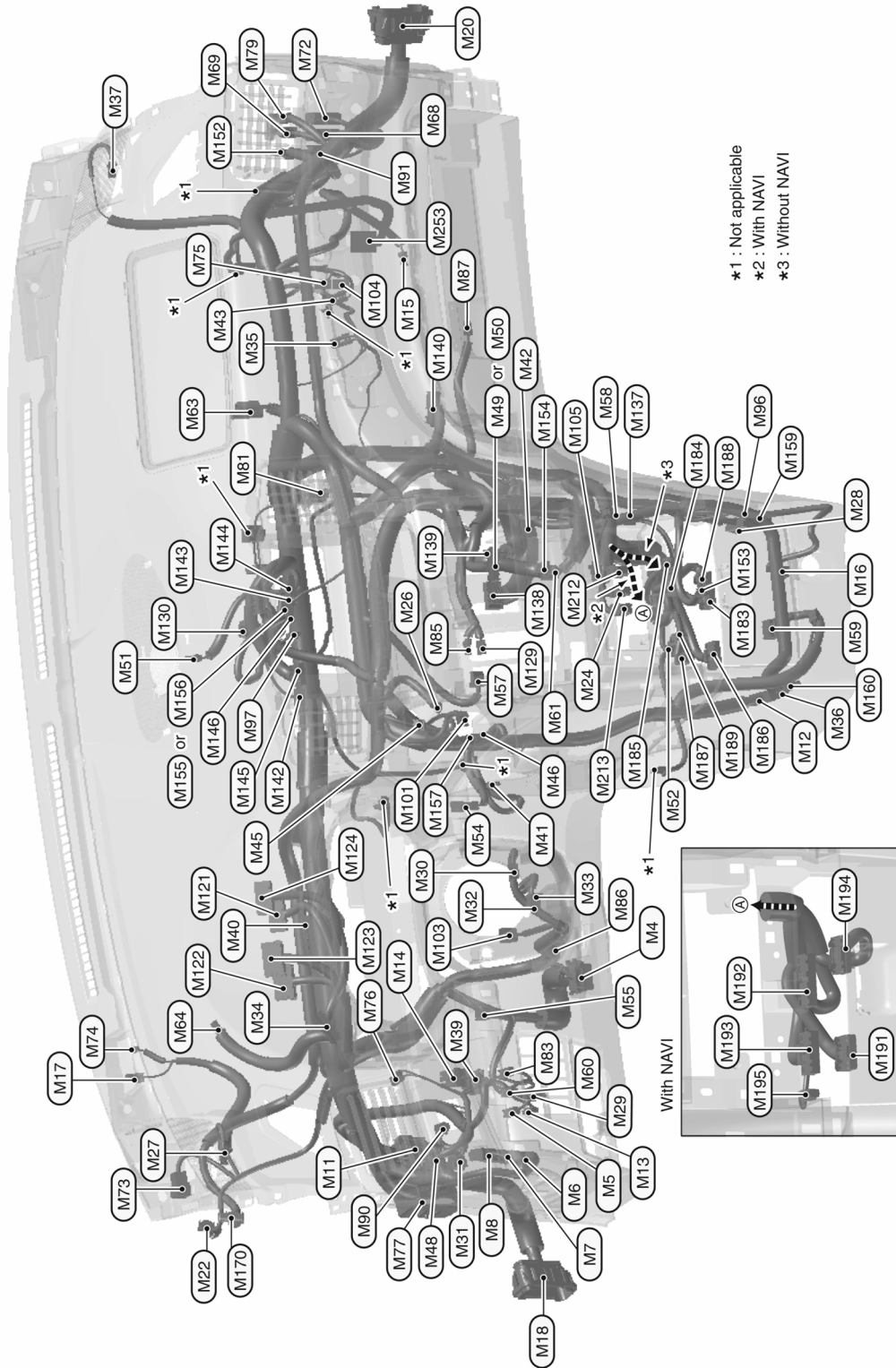
HARNESS LAYOUT

< WIRING DIAGRAM >

Main Harness

INFOID:000000011321067

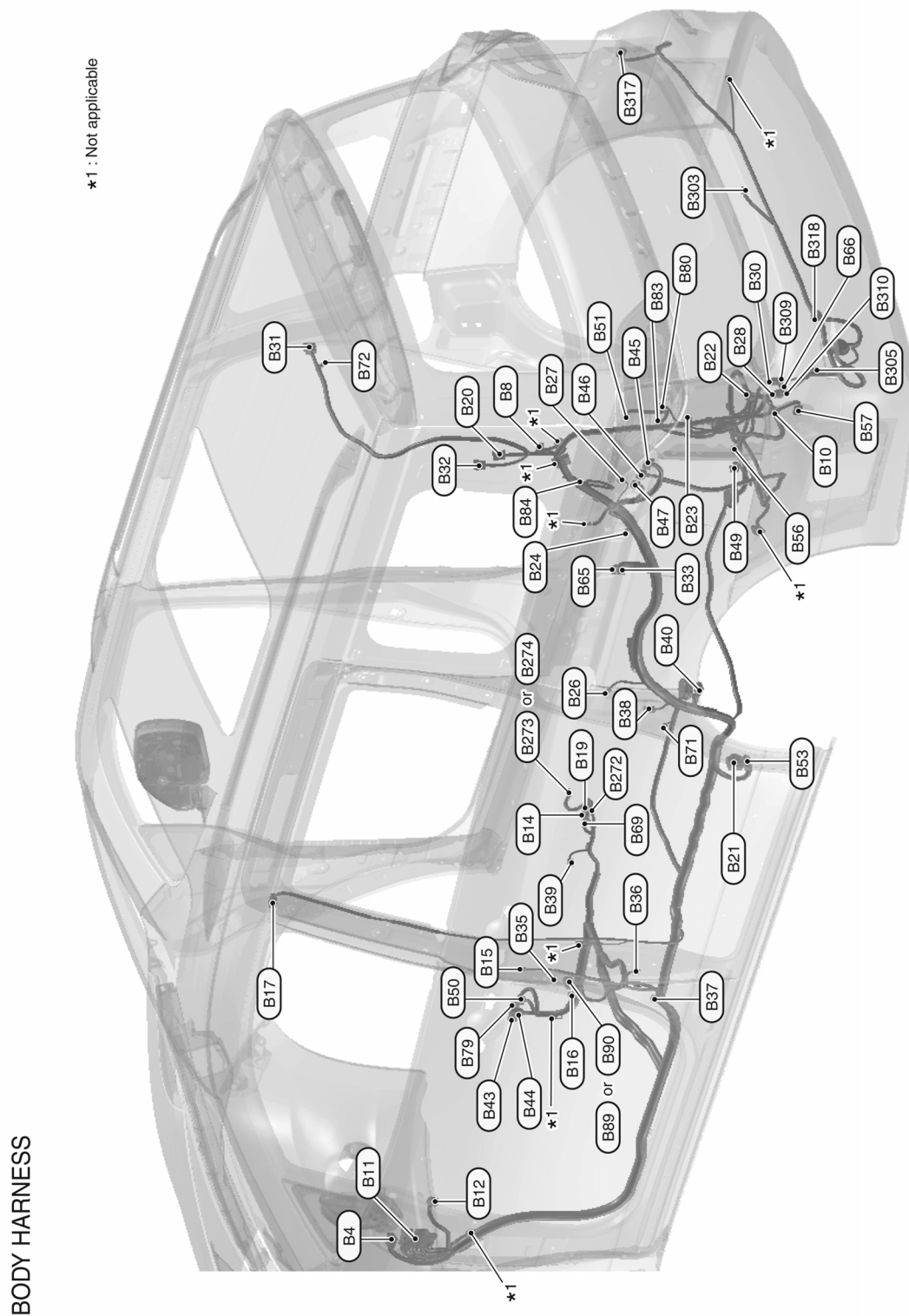
MAIN HARNESS



JRMIC5111GB

2014/07/25

INFOID:0000000011321068



2014/07/25

JRMIC5112GB

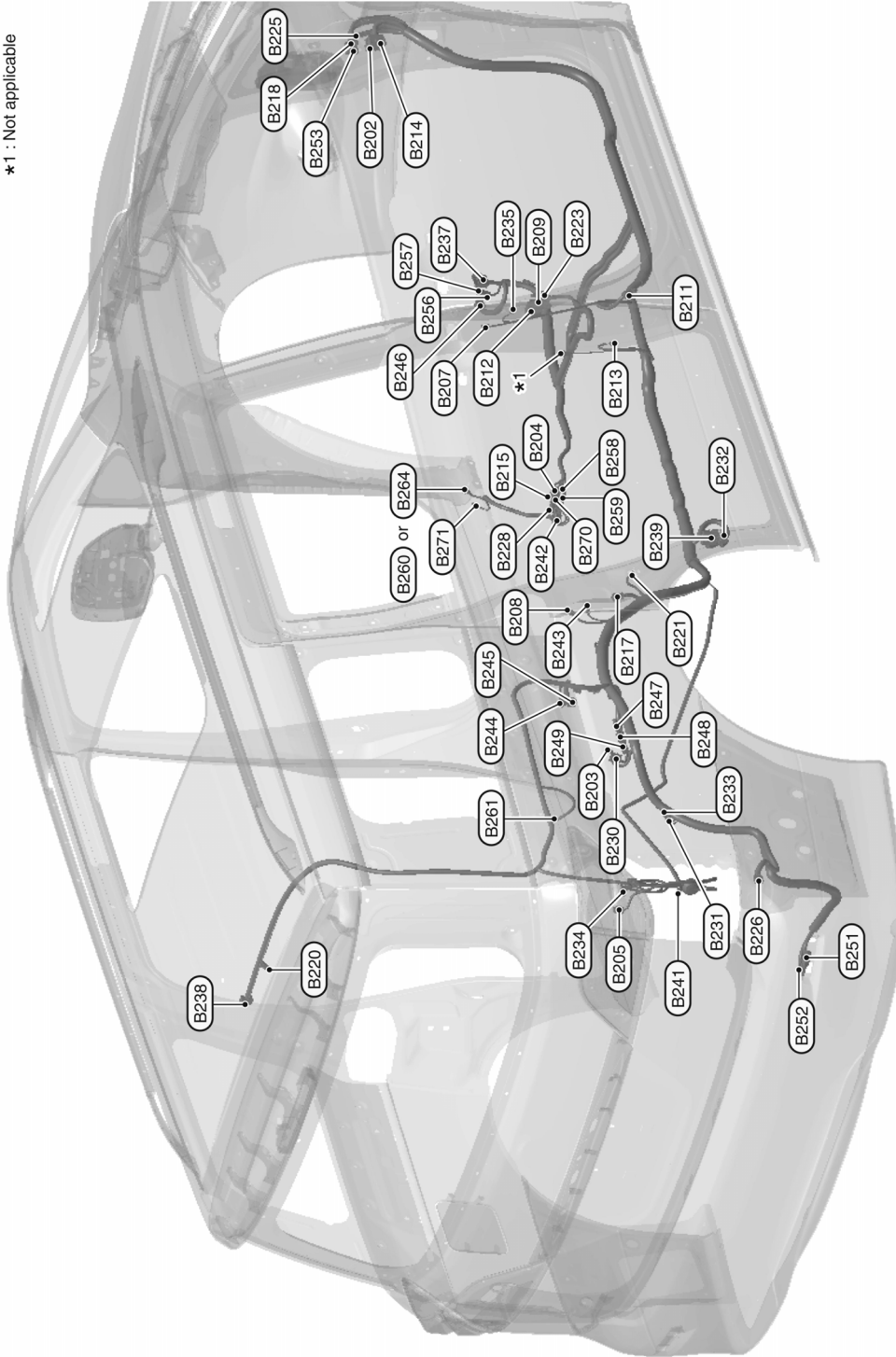
HARNESS LAYOUT

< WIRING DIAGRAM >

BODY No.2 HARNESS

BODY No.2 HARNESS

★1 : Not applicable



2014/07/25

JRMIC5113GB

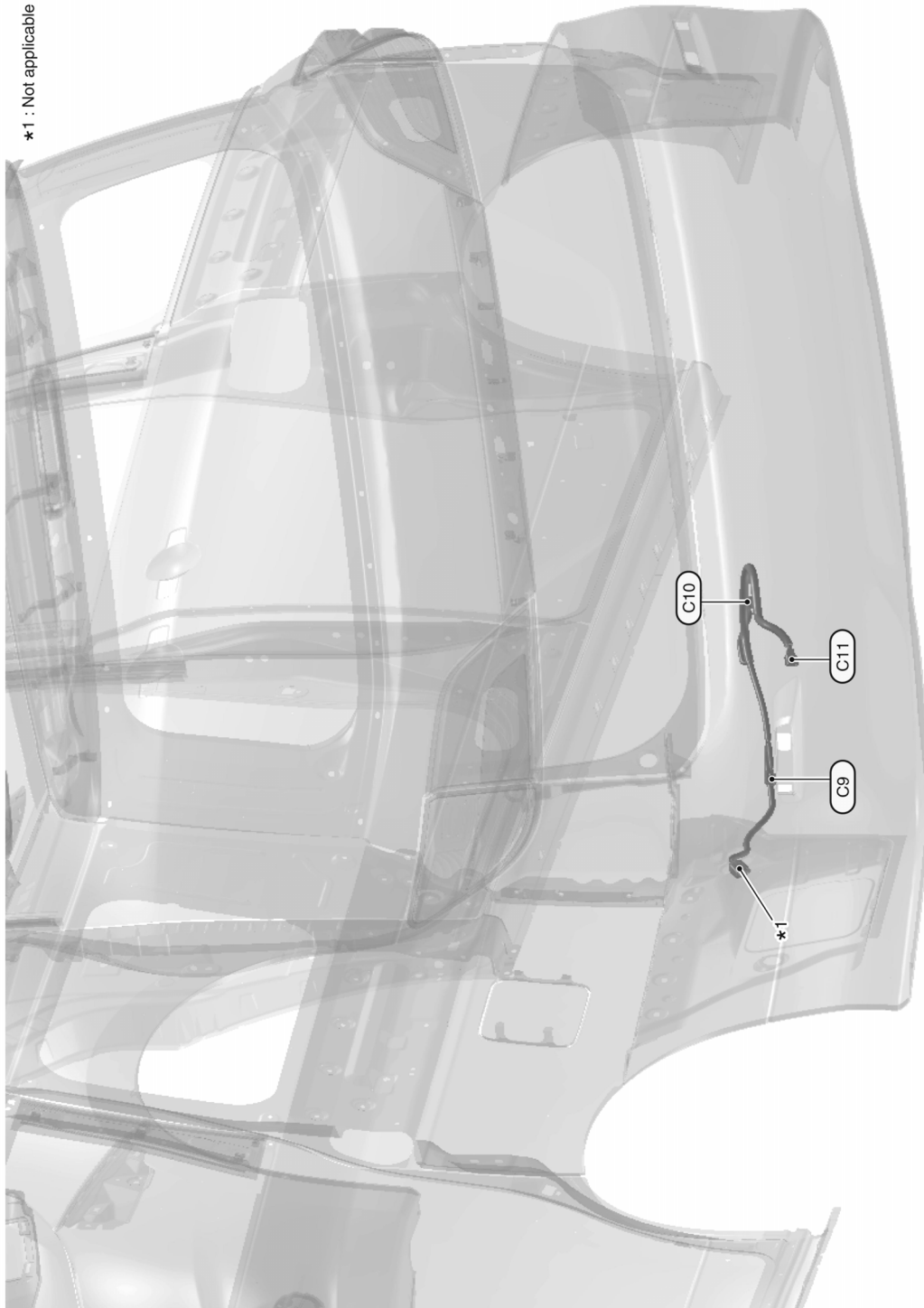
HARNESS LAYOUT

< WIRING DIAGRAM >

Chassis Harness

INFOID:0000000011321069

CHASSIS HARNESS



2014/07/25

JRMIC5157GB

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HARNESS LAYOUT

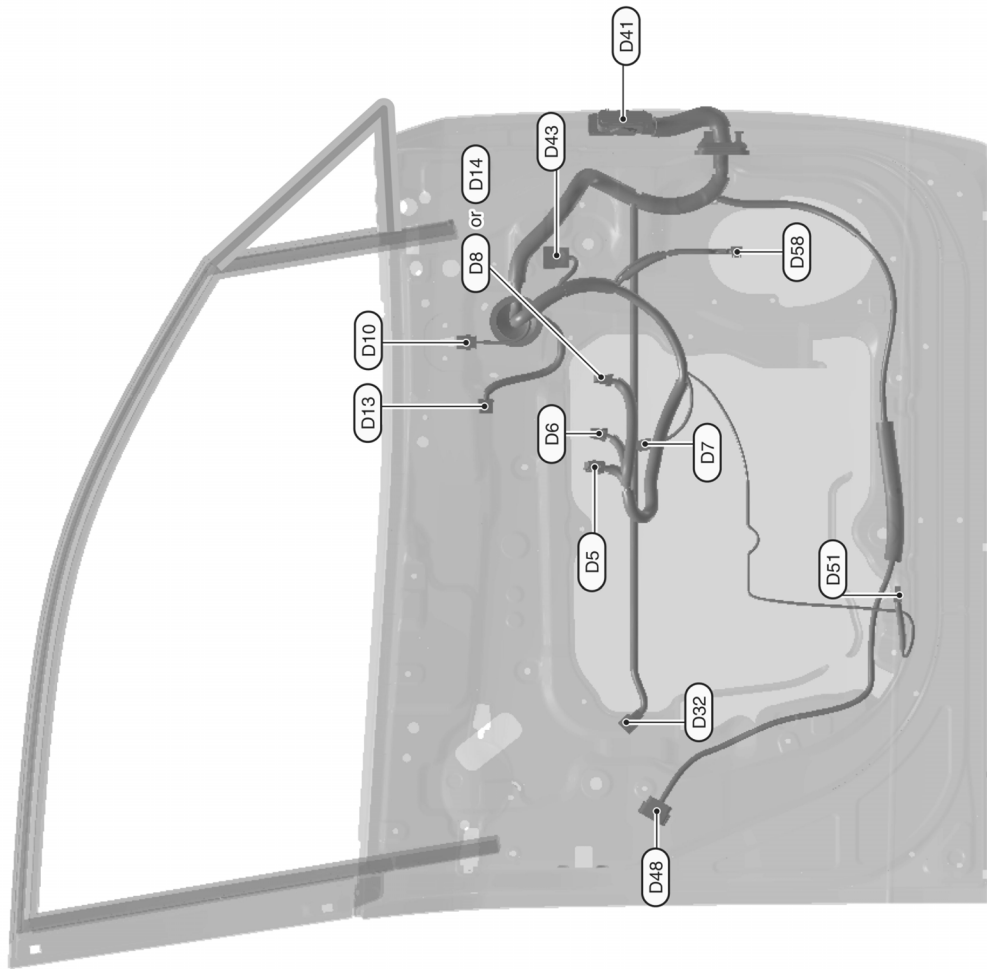
< WIRING DIAGRAM >

Door Harness

INFOID:000000011321070

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



JRMIC1980GB

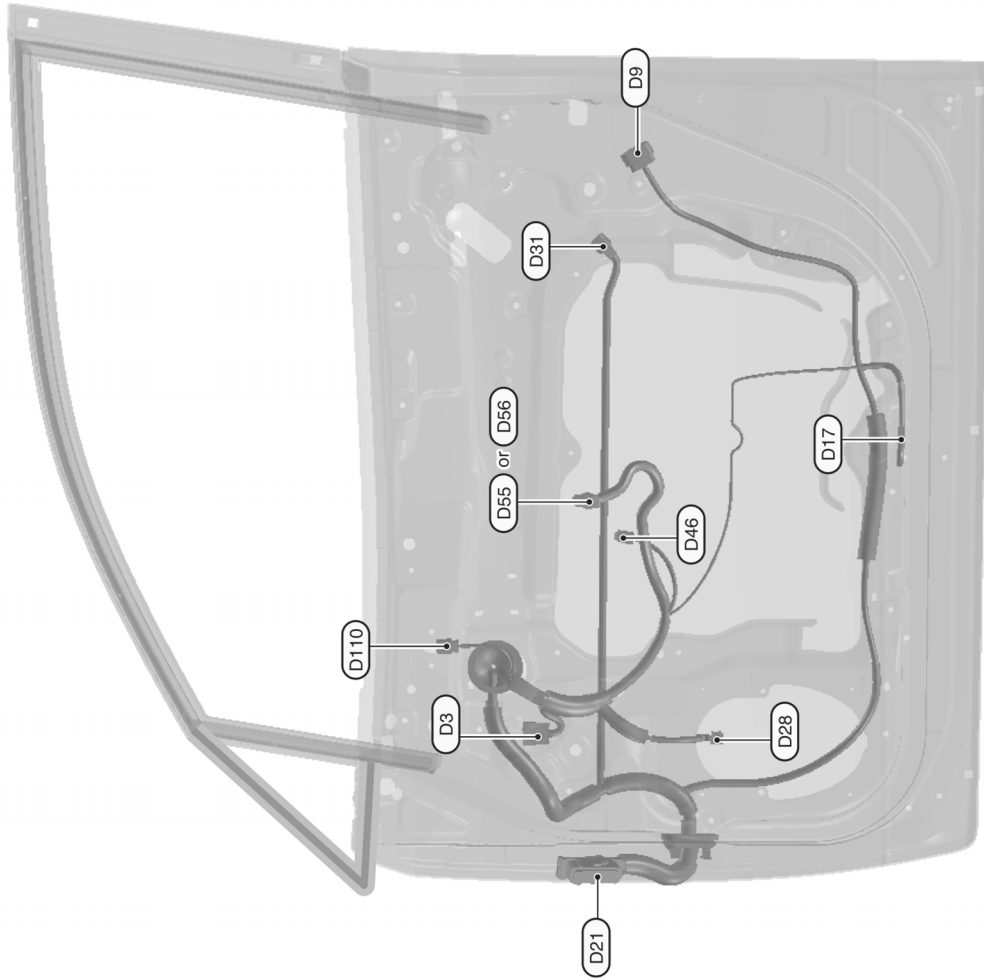
2012/07/19

HARNESS LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



JRMIC1981GB

2012/07/19

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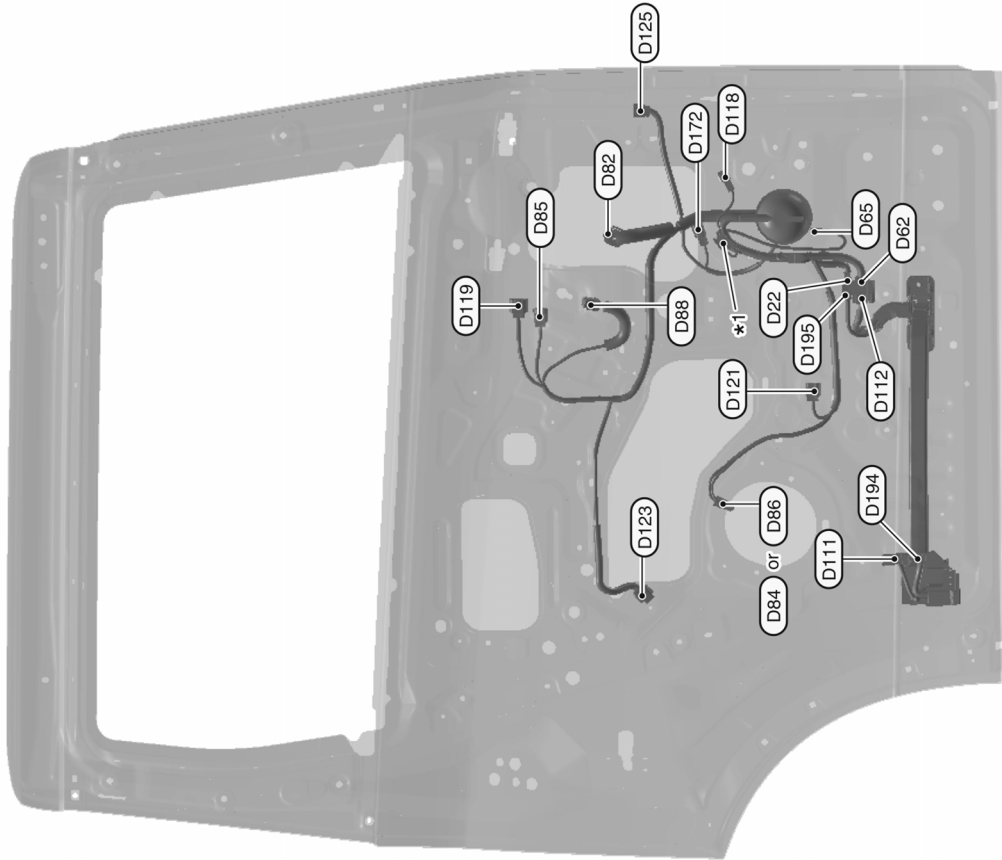
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HARNESS LAYOUT

< WIRING DIAGRAM >

SLIDE DOOR HARNESS (LH SIDE)

*1 : Not applicable



SLIDE DOOR HARNESS (LH SIDE)

2014/07/25

JRMIC5158GB

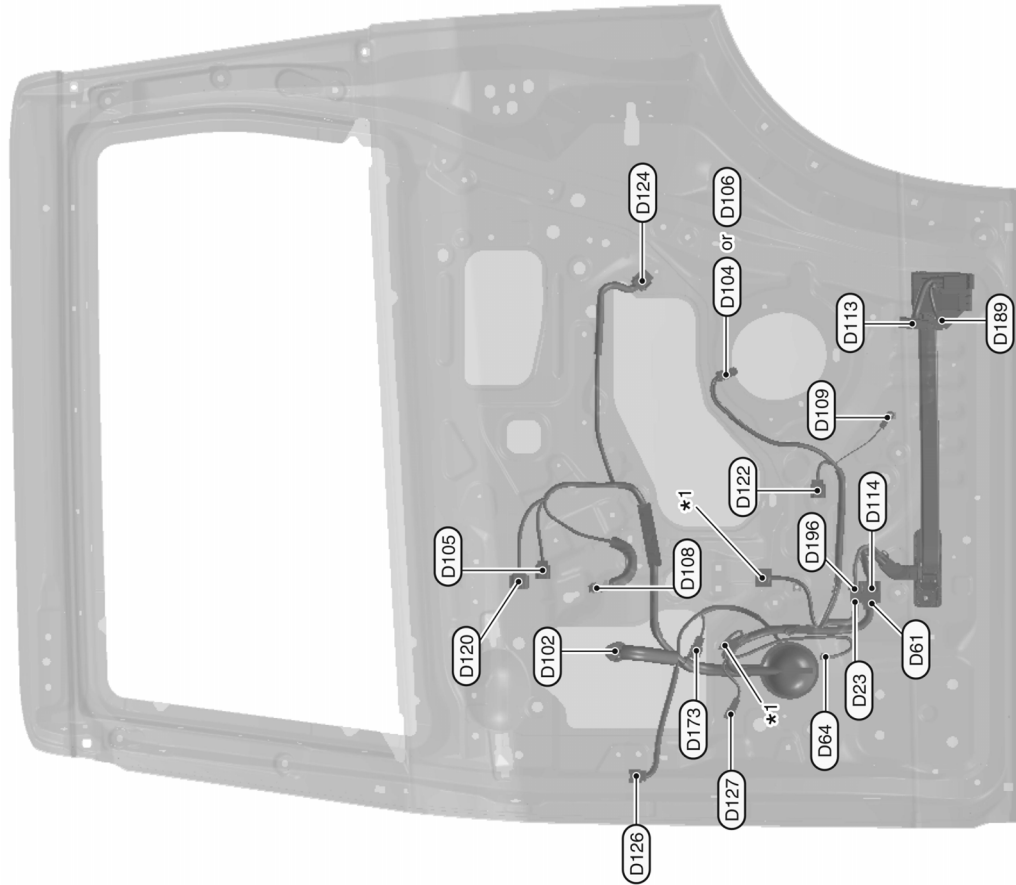
HARNESS LAYOUT

< WIRING DIAGRAM >

SLIDE DOOR HARNESS (RH SIDE)

SLIDE DOOR HARNESS (RH SIDE)

*1 : Not applicable



2014/07/25

JRMIC5159GB

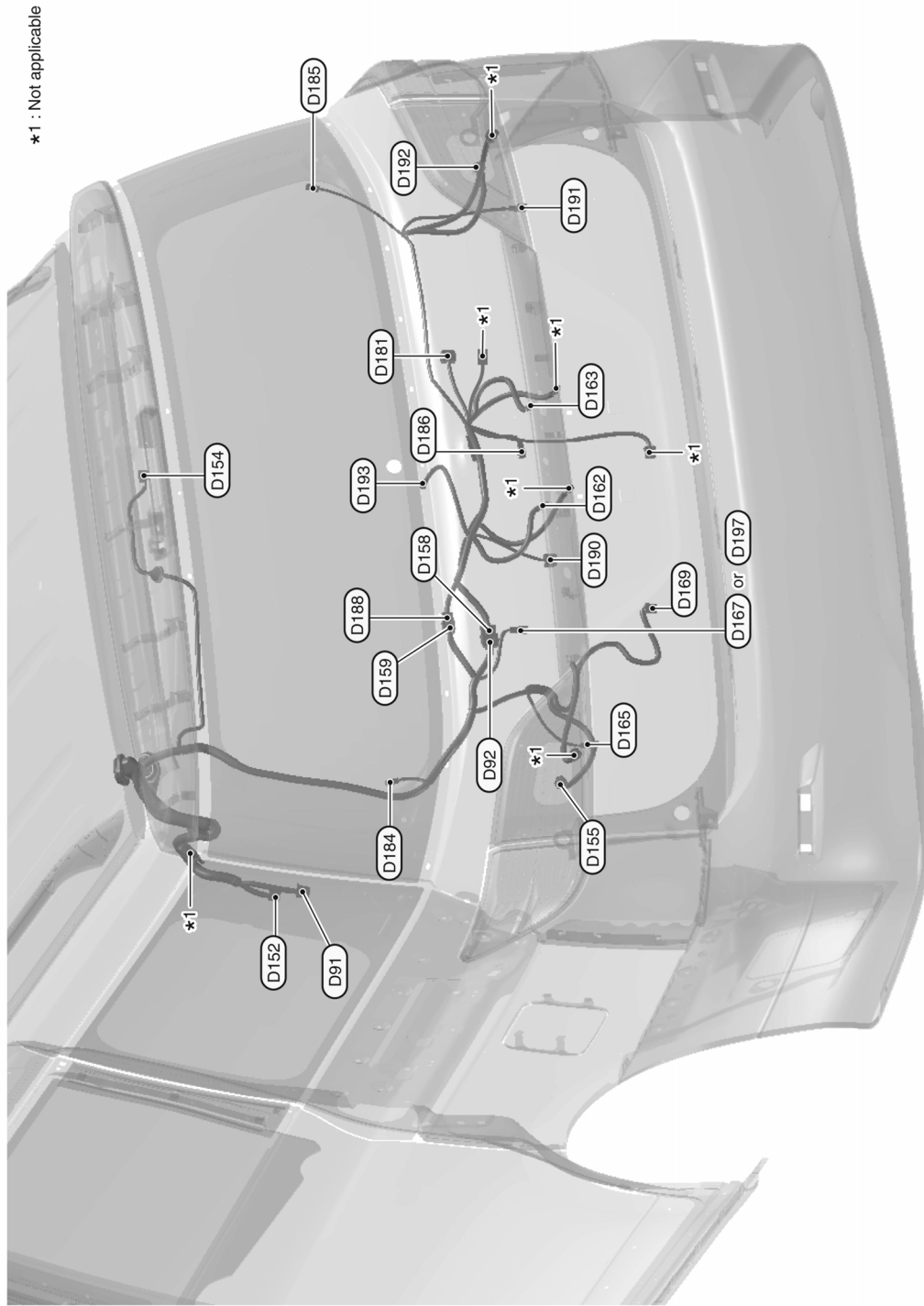
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HARNESS LAYOUT

< WIRING DIAGRAM >

BACK DOOR HARNESS

BACK DOOR HARNESS



*1 : Not applicable

2014/07/25

JRMIC5160GB

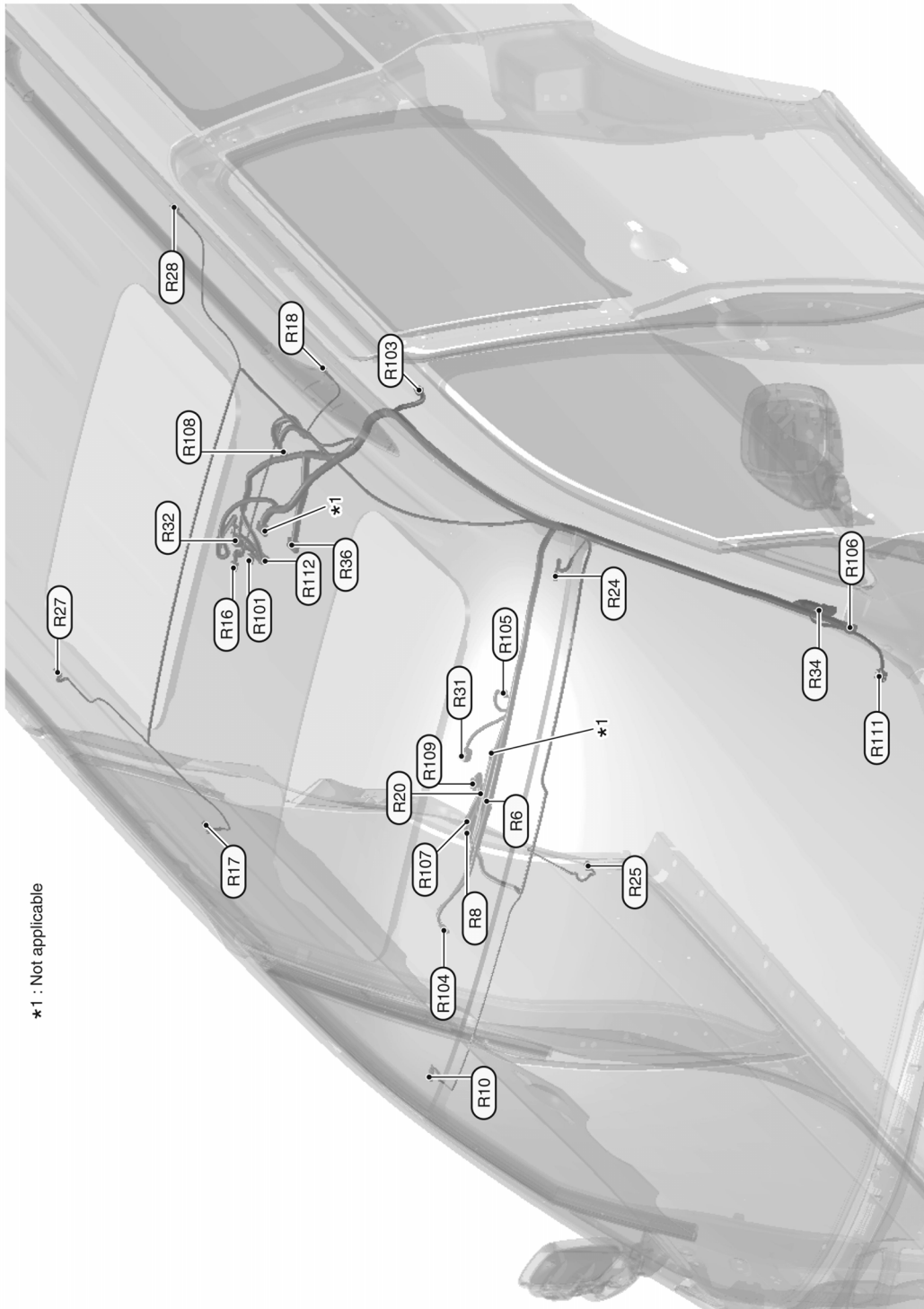
HARNESS LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

INFOID:0000000011321071

ROOM LAMP HARNESS



2014/07/25

JRMIC5161GB

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BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

INFOID:000000011321072

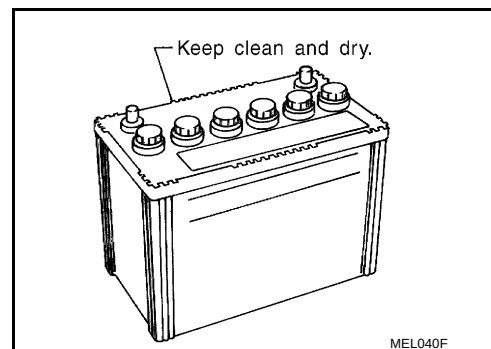
CAUTION:

- 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.

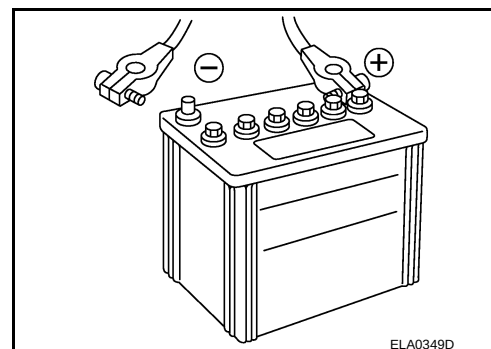
METHODS OF PREVENTING OVER-DISCHARGE

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 fuse switch, turn it off.)



Work Flow

INFOID:000000011321073

BATTERY DIAGNOSIS WITH EXP-800 NI OR GR8-1200 NI

To diagnose and confirm the condition of the battery, use the following special service tools:

- EXP-800 NI Battery and electrical diagnostic analyzer
- GR8-1200 NI Multitasking battery and electrical diagnostic station

NOTE:

Refer to the applicable instruction manual for proper battery diagnosis procedures.

BATTERY DIAGNOSIS WITHOUT EXP-800 NI OR GR8-1200 NI

Check Electrolyte Level

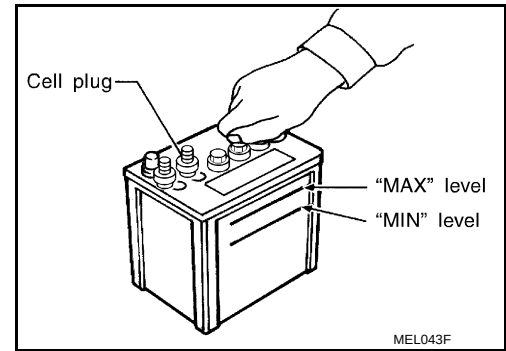
WARNING:

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. Failure to do this may cause personal injury or damage to clothing or the painted surfaces.

BATTERY INSPECTION

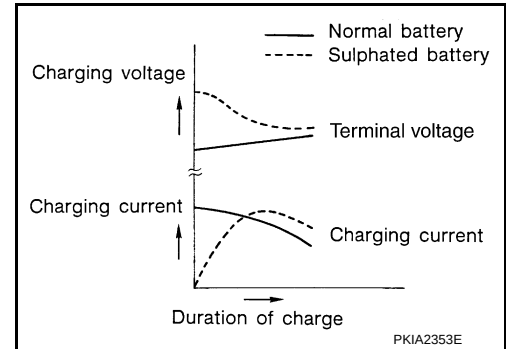
< BASIC INSPECTION >

- 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.



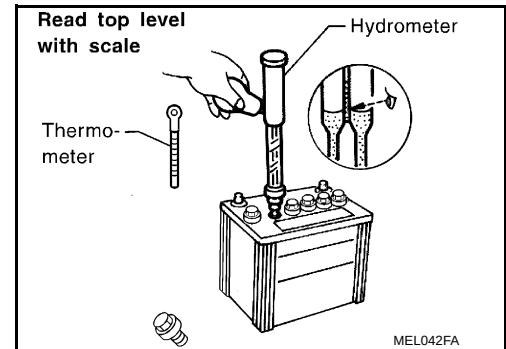
Specific Gravity Check

NOTE:

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.

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

BATTERY INSPECTION

< BASIC INSPECTION >

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
4 (40)	-0.016
-1 (30)	-0.020
-7 (20)	-0.024
-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 (Standard Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	7	2
3/4 charged		2.5
1/2 charged		5
1/4 charged		7.5
Almost discharged		9
Completely discharged		10

Charging Rates (Quick Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	—	—
3/4 charged	16	0.5
1/2 charged	33	
1/4 charged		
Almost discharged		
Completely discharged	—	—

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.

FUSE INSPECTION

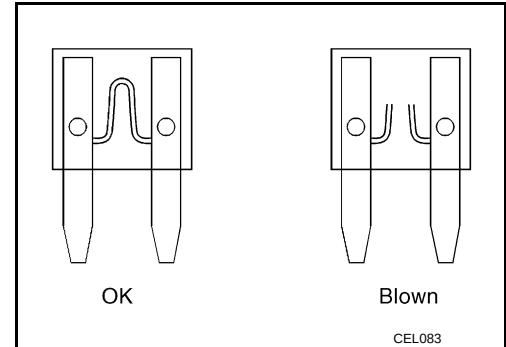
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

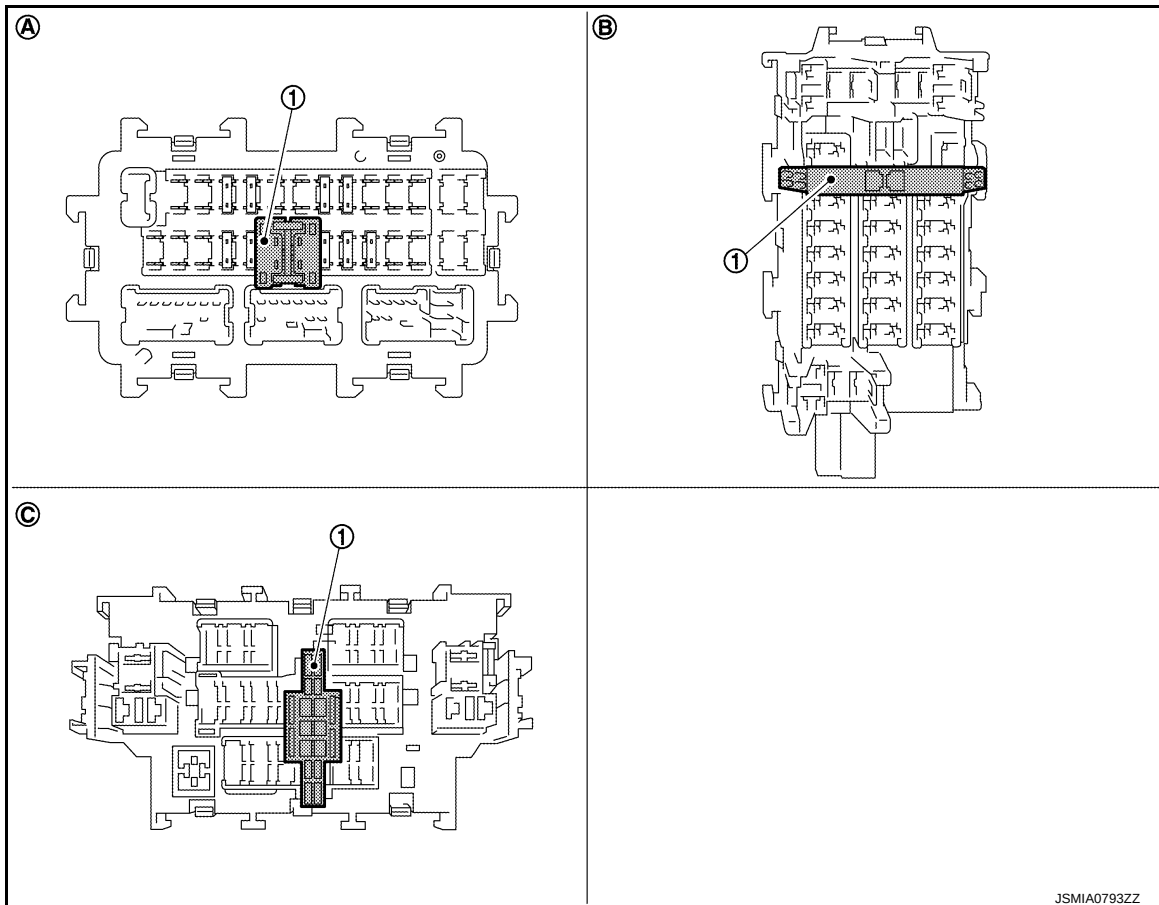
INFOID:0000000011321074

- 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.



EXTENDED STORAGE FUSE SWITCH (IF EQUIPPED)

The following switch may be mounted on the fuse block (Junction Box) for transportation and storage.



1. Extended storage fuse switch

A. Type A

B. Type B

C. Type C

- Remove the extended storage fuse switch when replacing the fuse of extended storage fuse switch.
- Remove the extended storage fuse switch if it causes the interference when the fuse or the other fuses is checked.

How To Extended Storage Fuse Switch ON/OFF

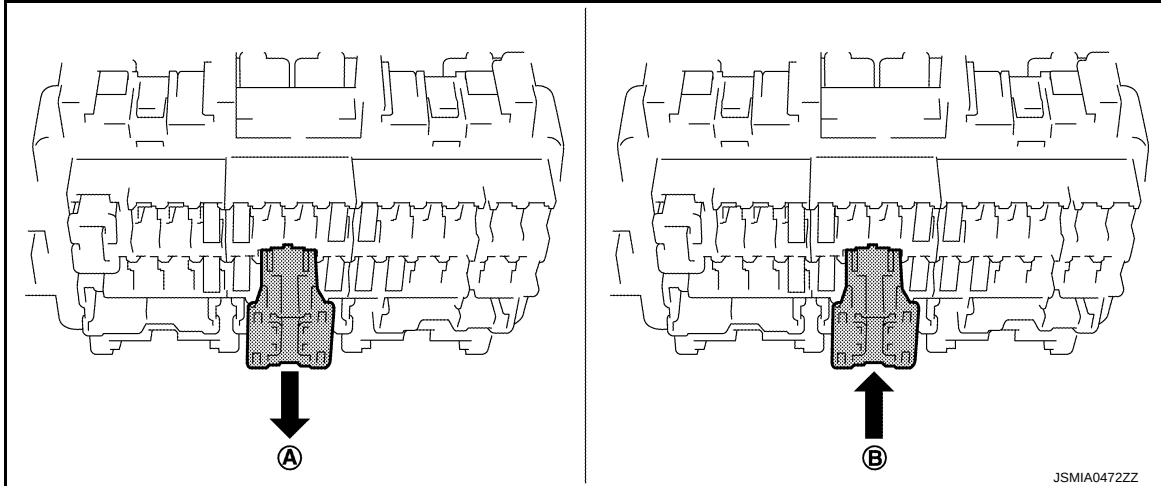
CAUTION:

- Turn the ignition switch OFF when operating the extended storage fuse switch.
- Under normal conditions, keep the extended storage fuse switch in ON state. Never operate the extended storage fuse switch except when necessary.

FUSE INSPECTION

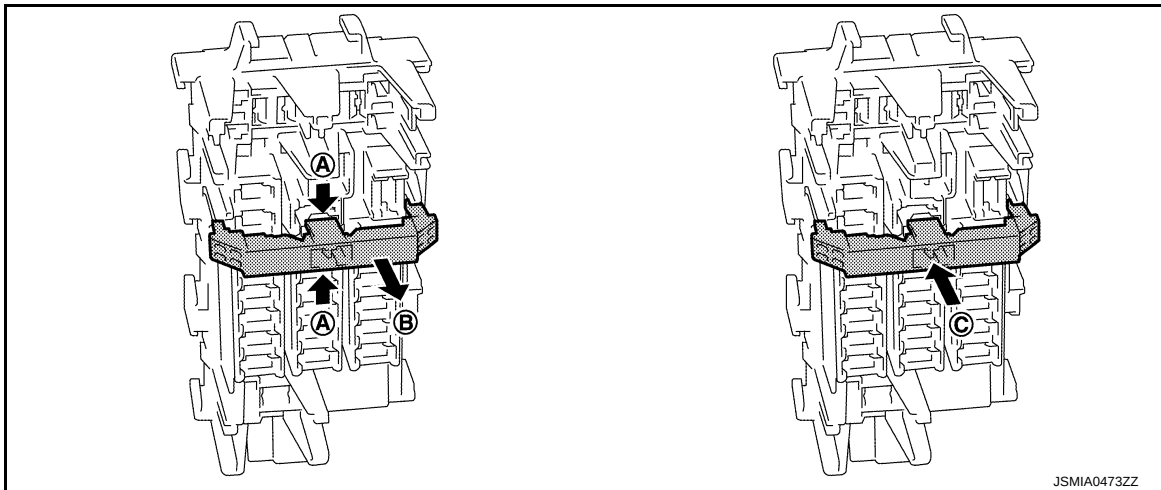
< BASIC INSPECTION >

- Type A



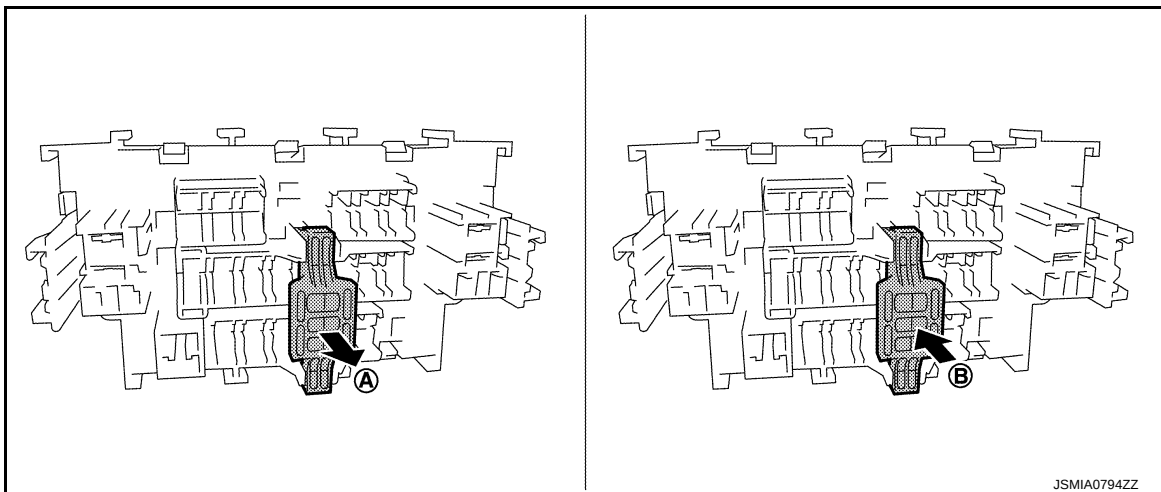
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

- Type B



- To turn the extended storage fuse switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (C) direction as shown in the figure.

- Type C



- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

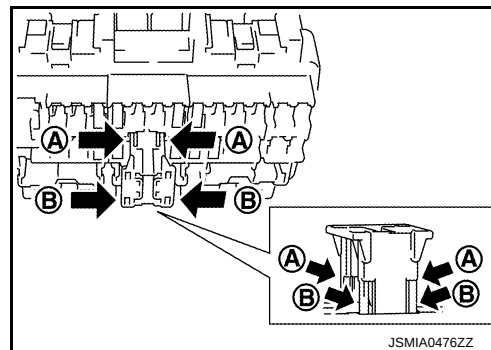
How To Remove Extended Storage Fuse Switch

Type A

FUSE INSPECTION

< BASIC INSPECTION >

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Press pawl (A) and tilt to disengage the extended storage fuse switch. Press pawl (B) and tilt to remove the extended storage fuse switch.

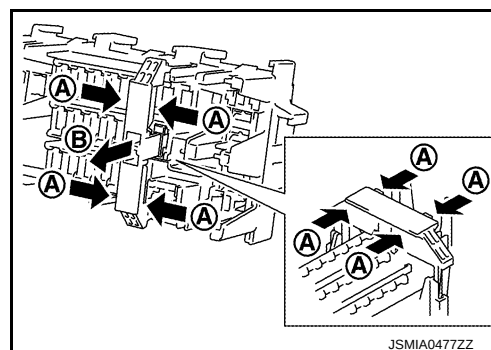


NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type B

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.

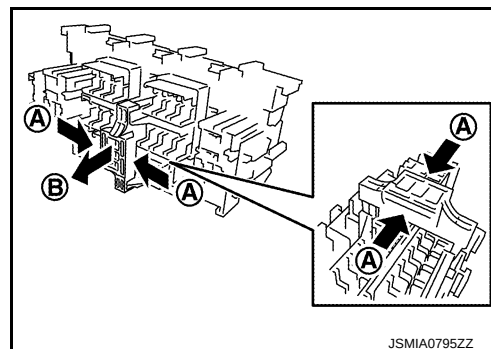


NOTE:

- Extended storage fuse switch and fuse may be removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type C

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.

FUSE INSPECTION

< BASIC INSPECTION >

- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

FUSIBLE LINK INSPECTION

< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

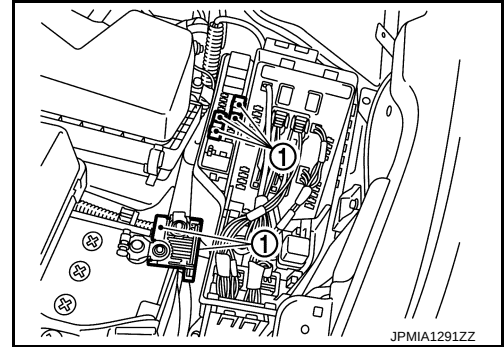
INFOID:0000000011321075

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.



JPMIA1291ZZ

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BATTERY

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

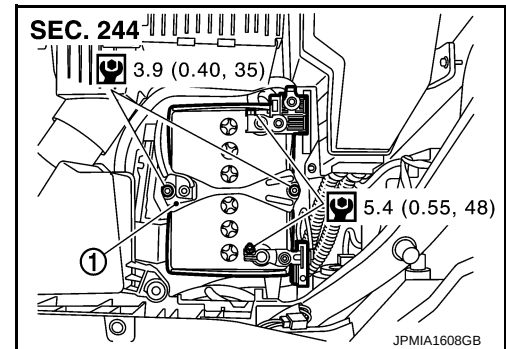
BATTERY

Exploded View

INFOID:000000011321076

1 : Battery fix frame

 : N·m (kg-m, in-lb)



Removal and Installation

INFOID:000000011321077

REMOVAL

1. Remove air duct (inlet). Refer to [EM-27, "Removal and Installation"](#).
2. Disconnect the battery cable from the negative terminal.

CAUTION:

To prevent damage to the parts, disconnect the battery cable from the negative terminal first.

3. Remove the nut and bolt and remove the ECM bracket from the battery fix frame.
4. Remove cover of battery positive terminal.
5. Disconnect the battery cable from the positive terminal.
6. Remove battery fix frame mounting nuts and battery fix frame.
7. Remove battery.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

To install the battery, carefully read the following instructions.

- **To prevent damage to the parts, connect the battery cable to the positive terminal first.**
- **After connecting battery cables, to securely supply battery voltage, ensure that they are tightly clamped to battery terminals for good contact.**
- **To securely supply battery voltage, check battery terminal for poor connection caused by corrosion.**

Reset electronic systems as necessary. Refer to [GI-58, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

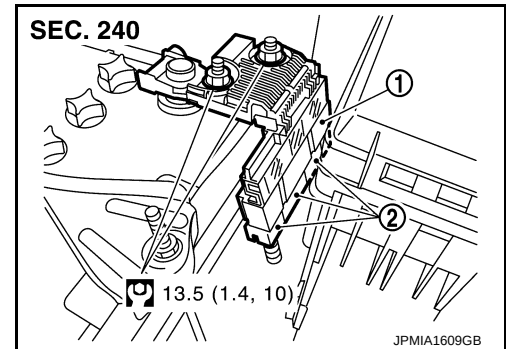
Exploded View

INFOID:0000000011321078

1 : Battery terminal with fusible link

2 : Harness connector

 : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:0000000011321079

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-118, "Exploded View"](#).

CAUTION:

To prevent damage to the parts, disconnect the battery cable from the negative terminal first.

2. Remove cover of battery positive terminal.
3. Disconnect the battery cable from the positive terminal. Refer to [PG-118, "Exploded View"](#).
4. Remove harness mounting nut 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.

CAUTION:

To prevent damage to the parts, connect the battery cable to the positive terminal first.

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BATTERY CURRENT SENSOR

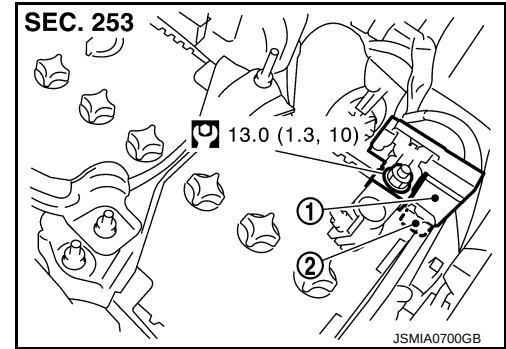
< REMOVAL AND INSTALLATION >

BATTERY CURRENT SENSOR

Exploded View

INFOID:000000011321080

- 1 : Battery current sensor
(with battery temperature sensor)
- 2 : Harness connector
-  : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:000000011321081

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-118, "Exploded View"](#).
2. Disconnect the battery current sensor connector.
3. Remove the battery current sensor mounting nut.
4. Remove the battery current sensor from battery cable.

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:0000000011321082

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

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