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SECTION

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:0000000012405146

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:

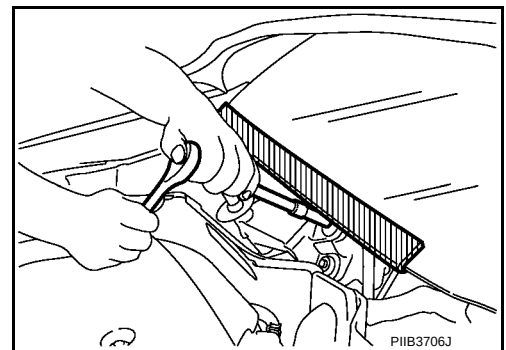
Always observe the following items for preventing accidental activation.

- 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.

Precaution for Procedure without Cowl Top Cover

INFOID:0000000012405148

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



Precautions for Removing Battery Terminal

INFOID:0000000013056686

When disconnecting the battery terminal, pay attention to the following.

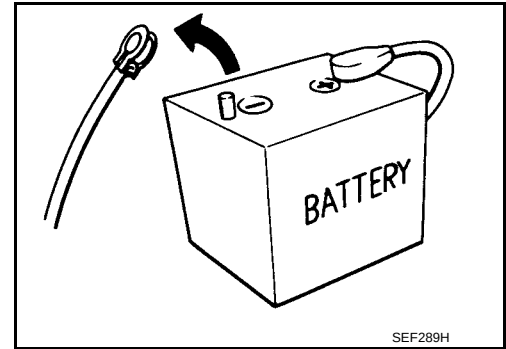
- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.

PRECAUTIONS

< PRECAUTION >

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.
- For vehicles with the engine listed below, remove the battery terminal after a lapse of the specified time:

D4D engine	: 20 minutes	YS23DDT	: 4 minutes
HRA2DDT	: 12 minutes	YS23DDTT	: 4 minutes
K9K engine	: 4 minutes	ZD30DDTi	: 60 seconds
M9R engine	: 4 minutes	ZD30DDTT	: 60 seconds
R9M engine	: 4 minutes		
V9X engine	: 4 minutes		
YD25DDTi	: 2 minutes		



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.

- After high-load driving, if the vehicle is equipped with the V9X engine, turn the ignition switch OFF and wait for at least 15 minutes to remove the battery terminal.

NOTE:

- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
 - Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
 - Driving for 30 minutes or more on a steep slope.
- 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.

PREPARATION

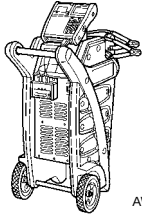
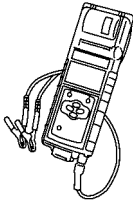
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:0000000012405149

Tool number (TechMate No.) Tool name		Description
— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station	 AWI1A1239ZZ	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.

COMPONENT PARTS

< SYSTEM DESCRIPTION >

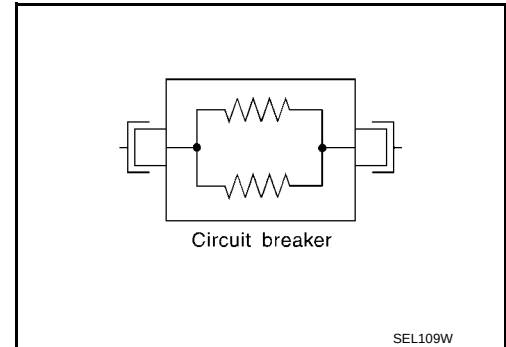
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:0000000012405150

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:0000000012405151

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:0000000012405152

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.

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

[Example]



NOP

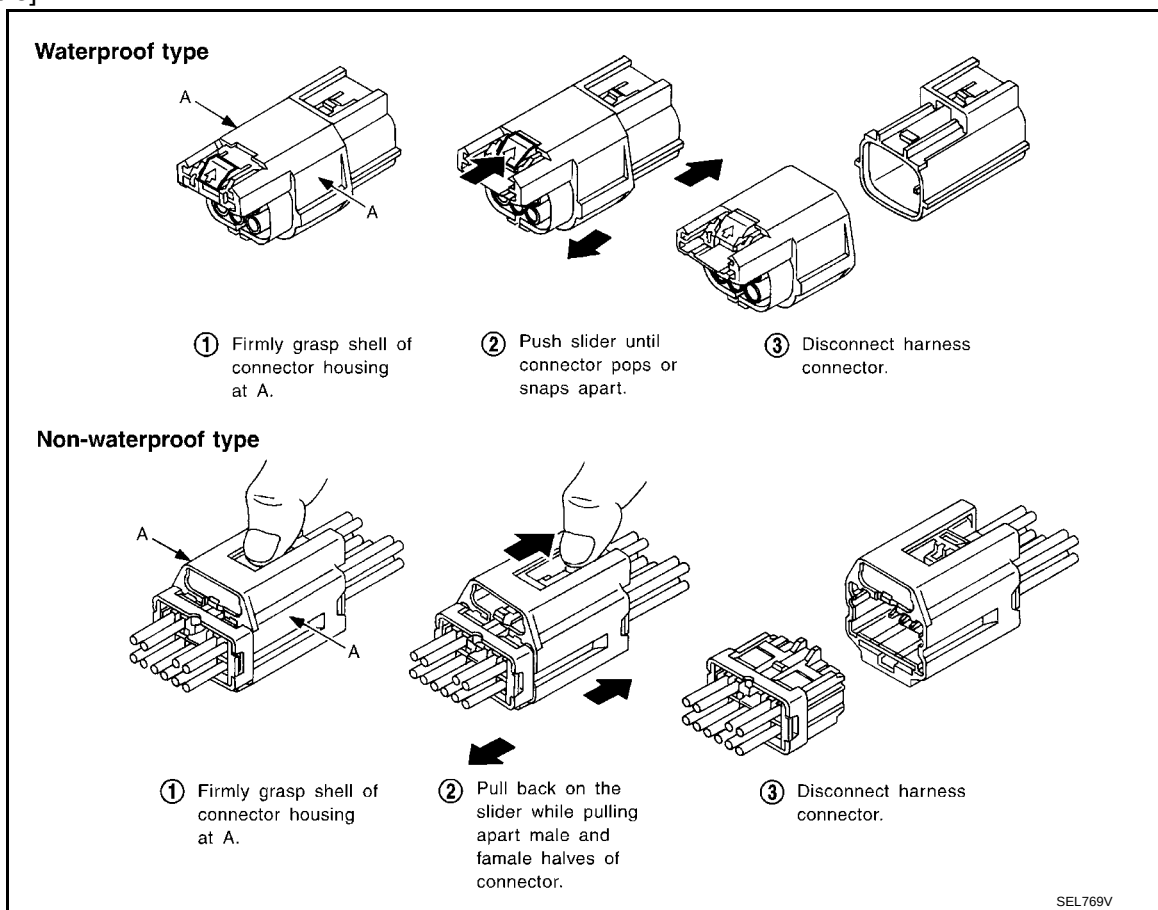
- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling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

- 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.

COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

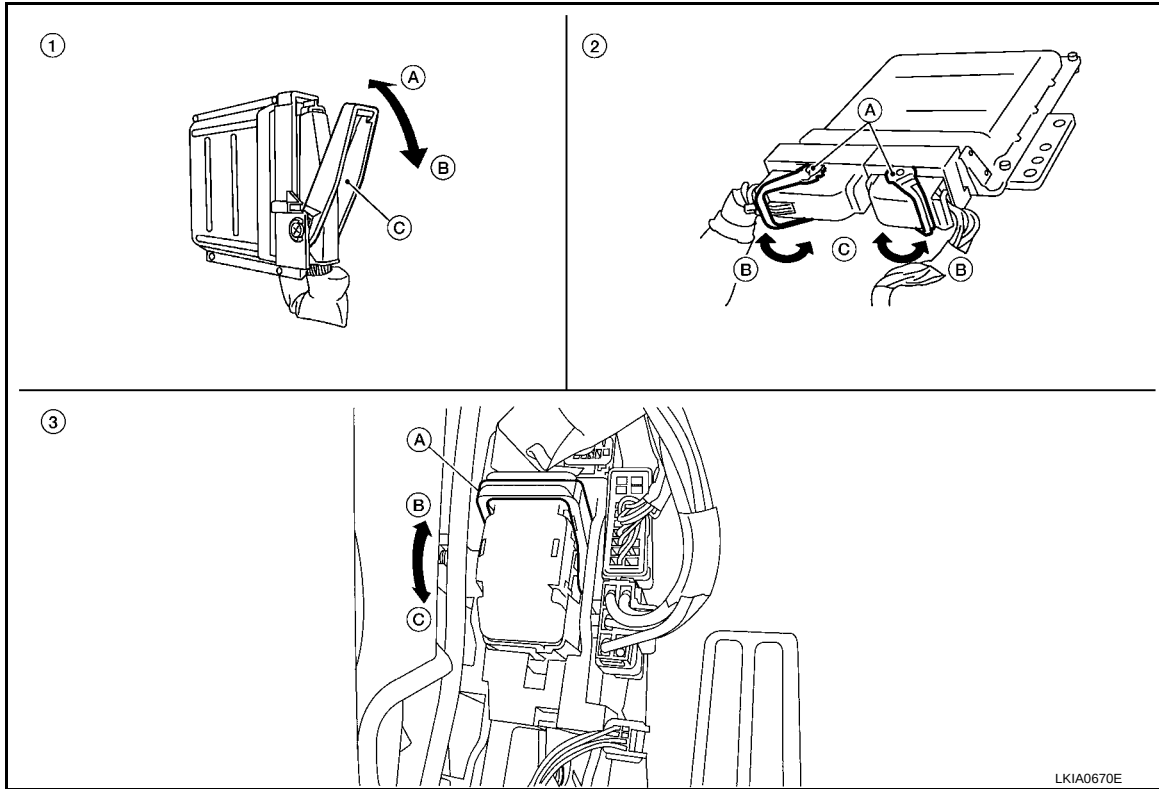
- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked 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.



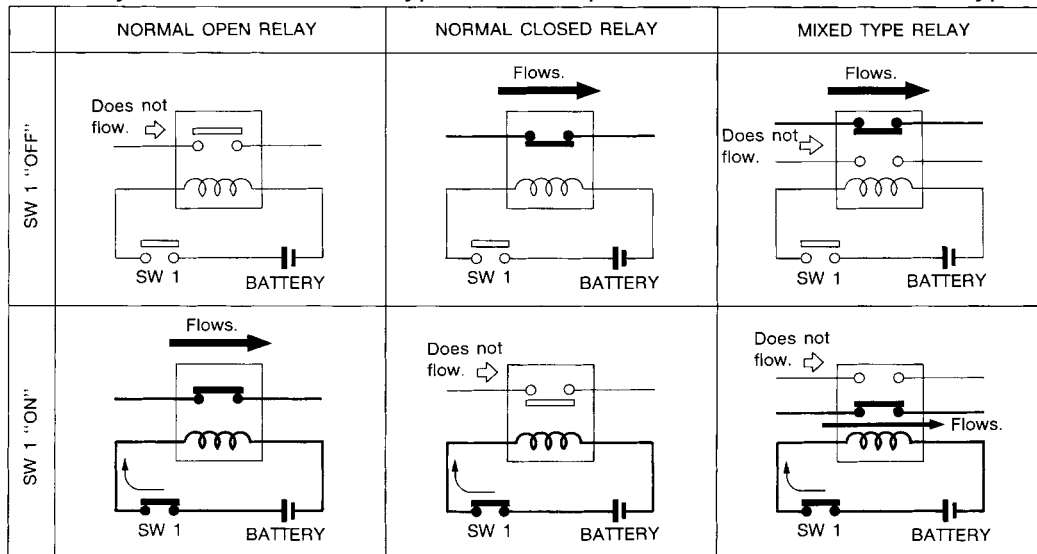
1. Control unit with single lever
 - A. Fasten
 - B. Loosen
 - C. Lever
2. Control unit with dual levers
 - A. Levers
 - B. Fasten
 - C. Loosen
3. SMJ connector
 - A. Lever
 - B. Fasten
 - C. Loosen

Standardized Relay

INFOID:0000000012405153

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



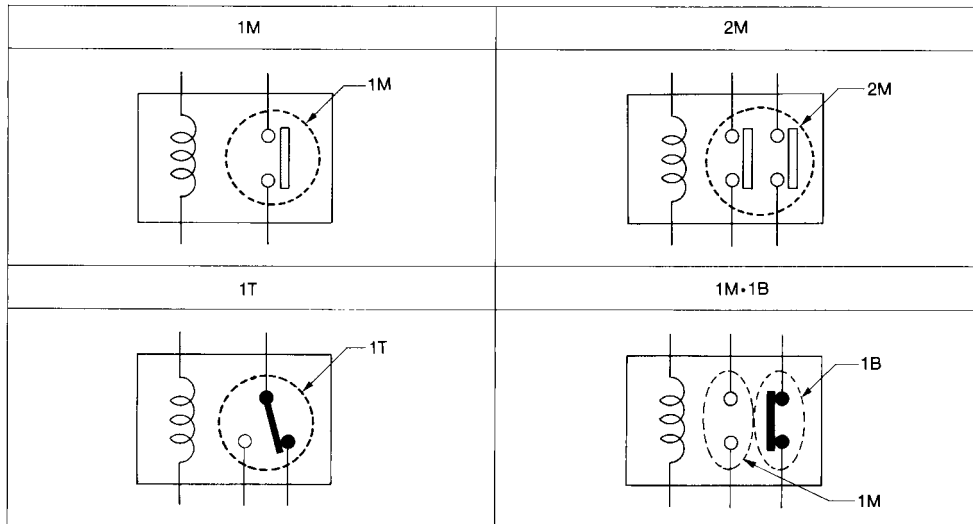
SEL881H

TYPE OF STANDARDIZED RELAYS

COMPONENT PARTS

< SYSTEM DESCRIPTION >

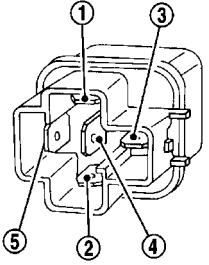
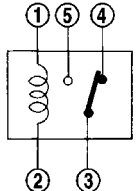
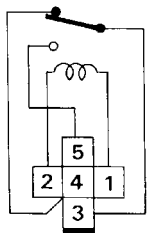
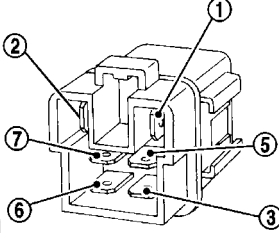
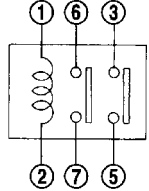
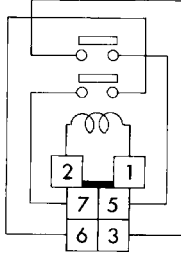
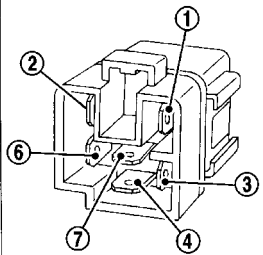
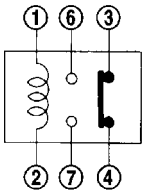
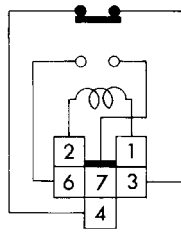
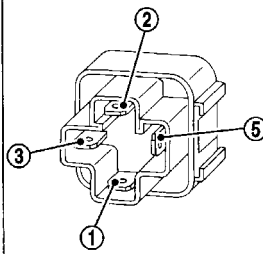
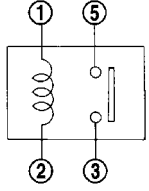
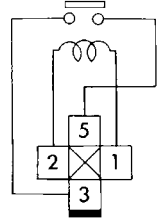
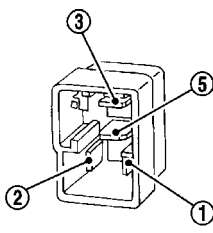
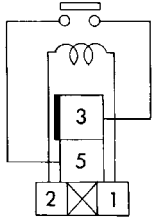
1M 1 Make 2M 2 Make
 1T 1 Transfer 1M·1B 1 Make 1 Break



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.

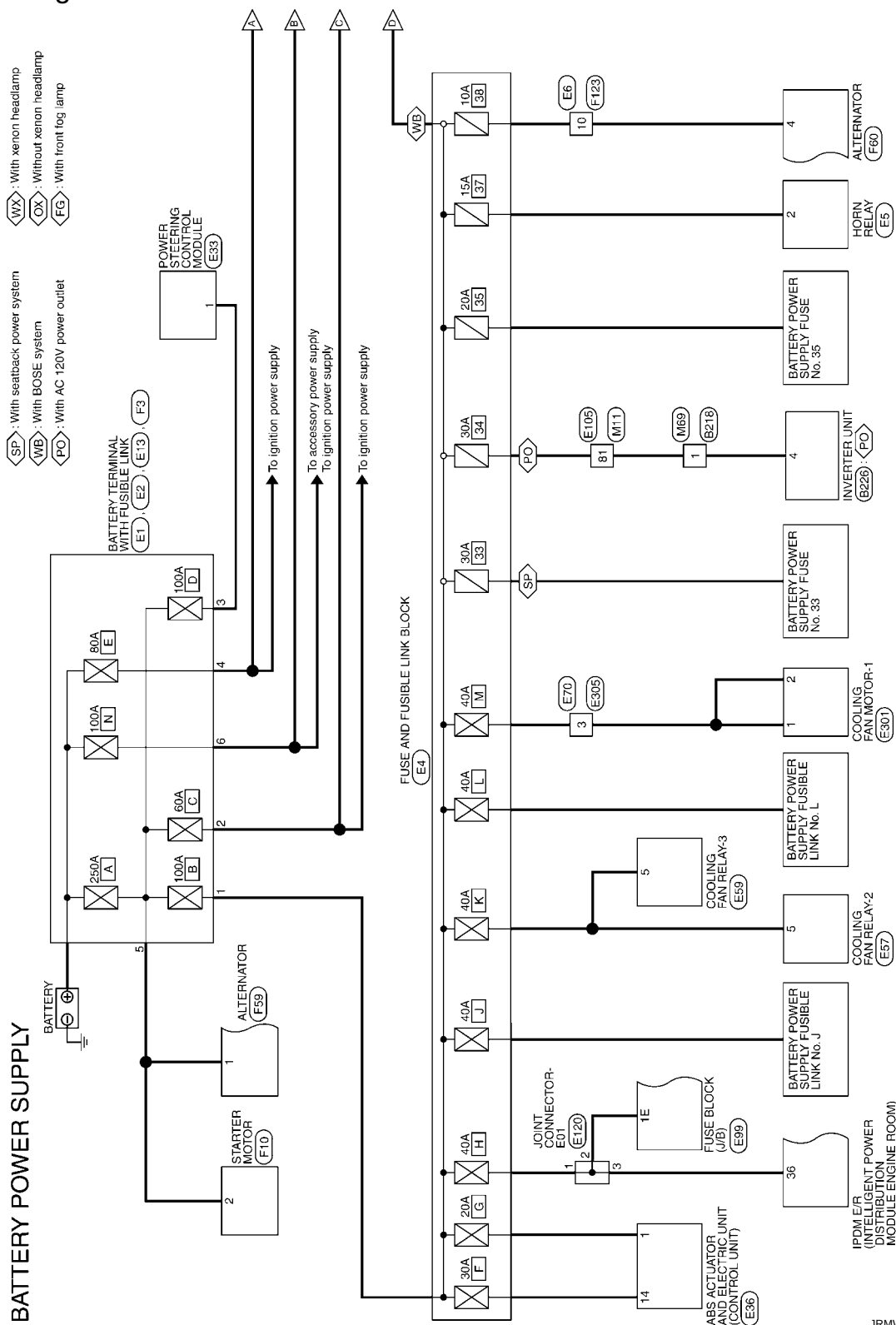
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< WIRING DIAGRAM >

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

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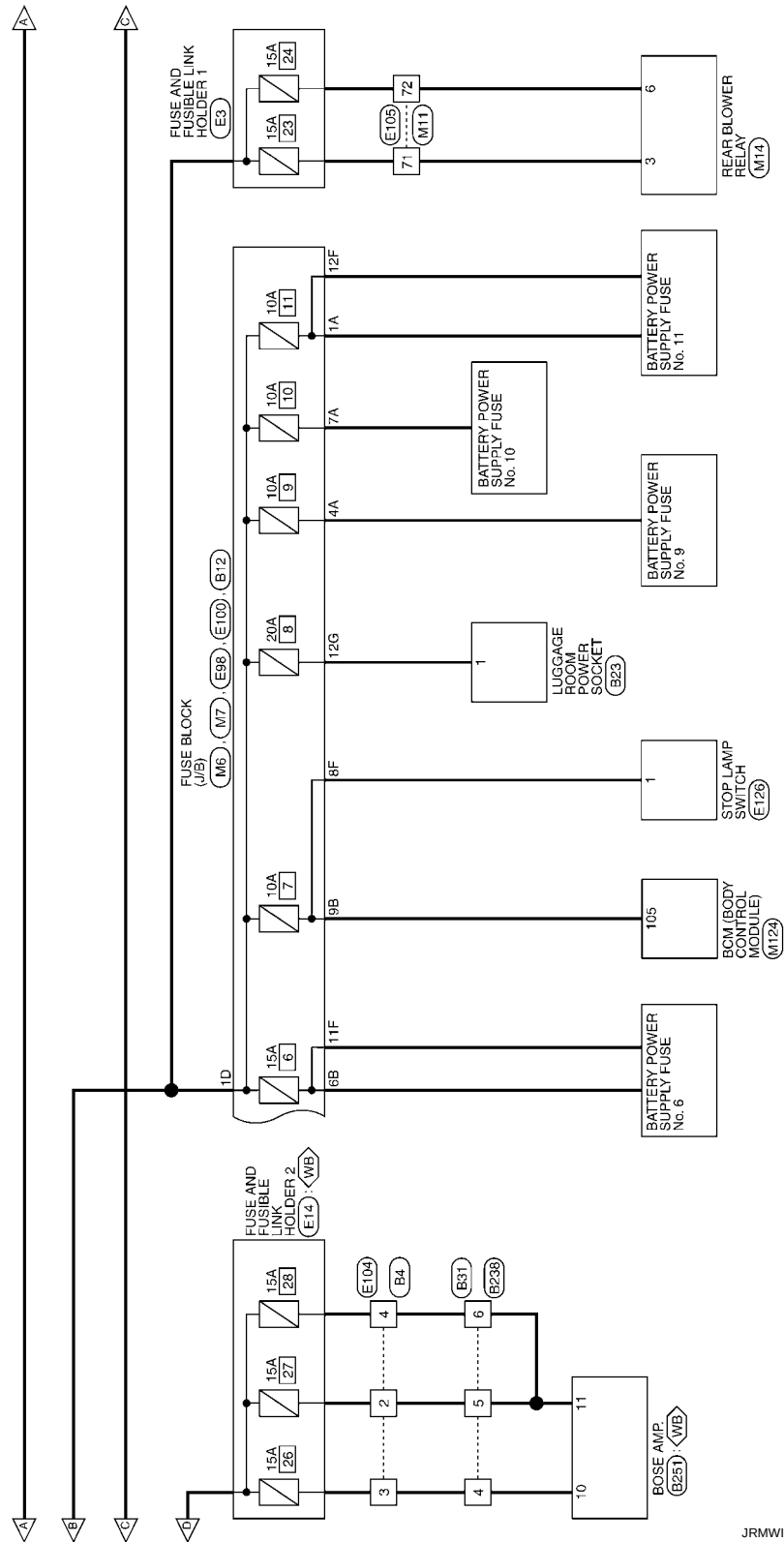


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POWER SUPPLY ROUTING CIRCUIT

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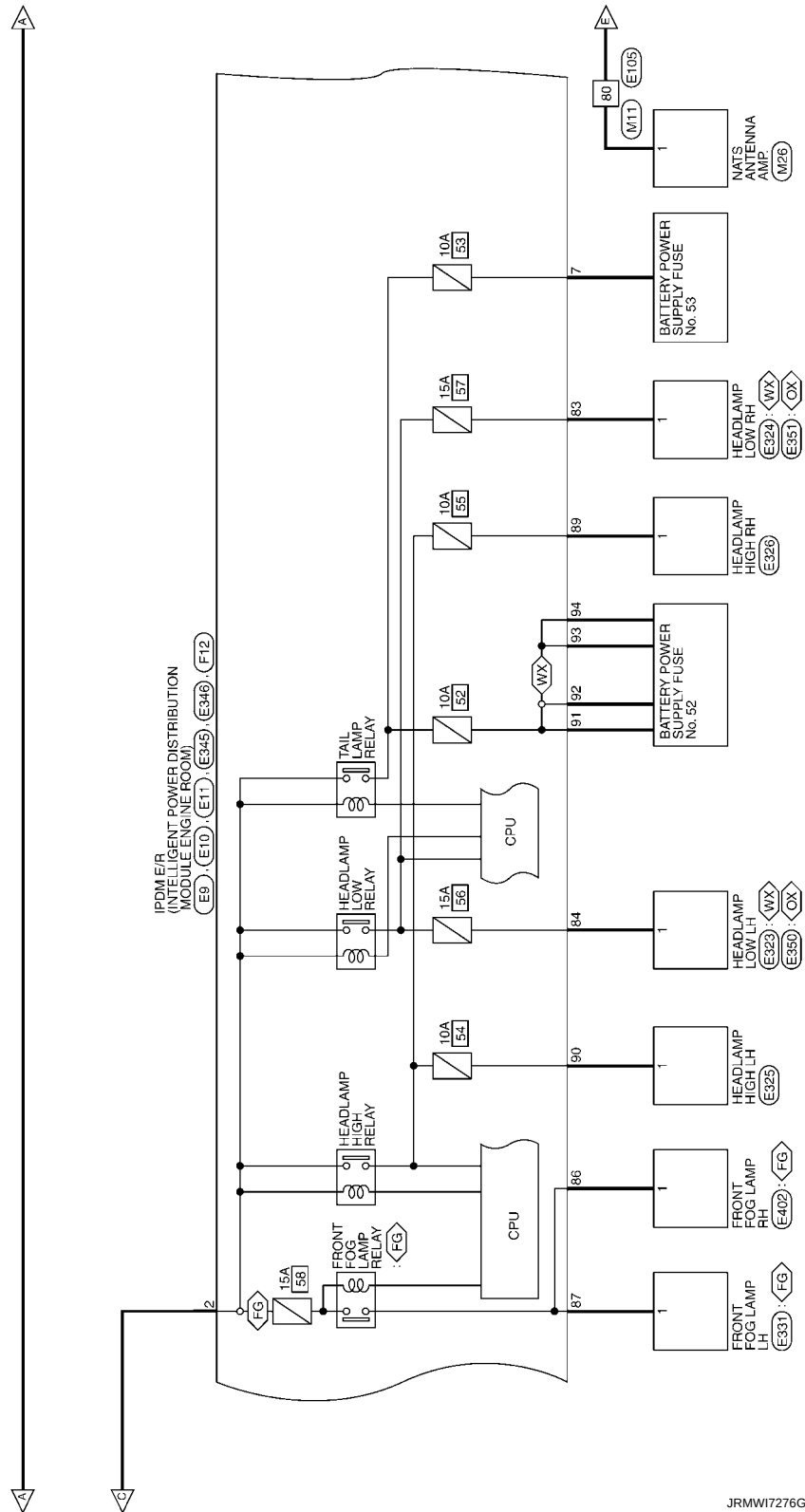


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A
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G
H
I
J
K
L
PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

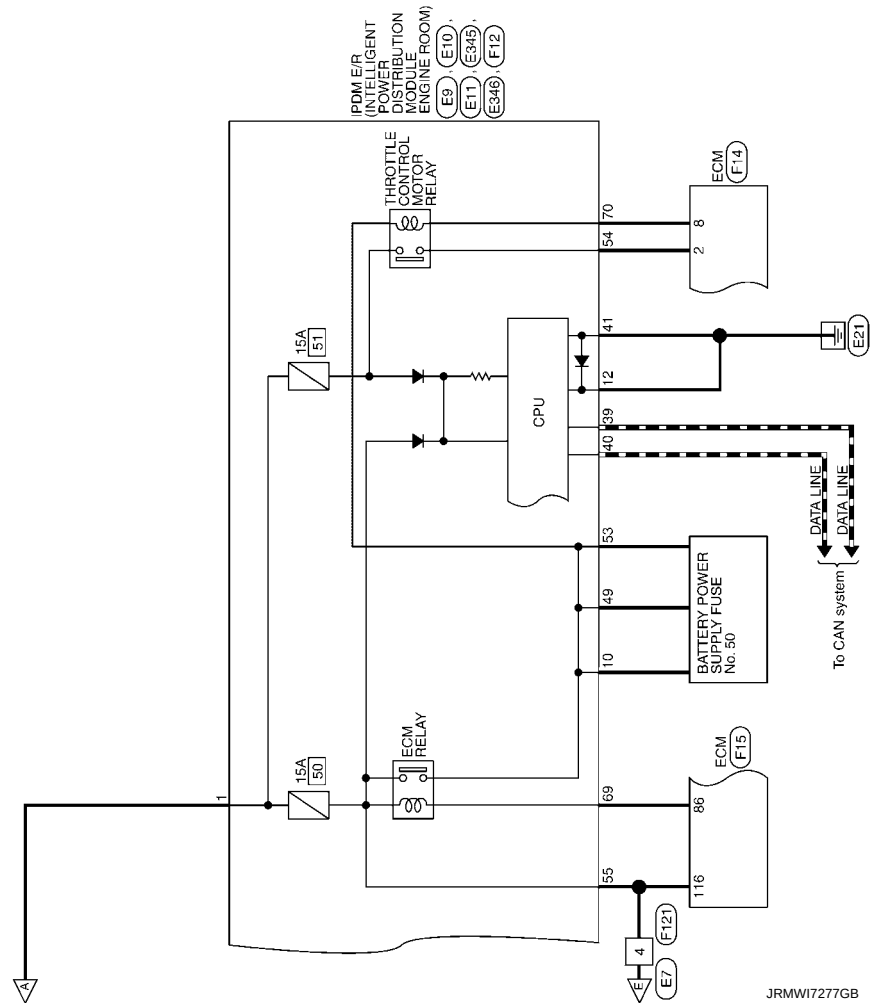
< WIRING DIAGRAM >



cardiagn.com

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	14
Connector Name	WIRE TO WIRE
Connector Type	W420MM-CS10



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

Connector No.	18
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH-20P-W-T66



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

Connector No.	112
Connector Name	FUSE BLOCK (J/B)
Connector Type	HS1218P-CS



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

Connector No.	117
Connector Name	AUTOMATIC SLIDING DOOR WARNING BUZZER LH
Connector Type	HS1218P-CS



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

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

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-4B
2	BR	LATCH MTR CLOSE
3	L	LATCH MTR OPEN
4	P	INSIDE CLOSE SW
5	W	BUZZER
6	B	NAM FINE-HG
7	P	-4B
8	B	GROUND
9	GR	GROUND
10	B	GROUND
11	B	TOUCH SENS RH
12	W	TOUCH SENS LH
13	P	TOUCH SENS LH
14	P	TOUCH SENS LH
15	GR	TOUCH SENS LH
16	L	TOUCH SENS LH
17	G	TOUCH SENS LH
18	G	TOUCH SENS LH
19	G	TOUCH SENS LH
20	W	TOUCH SENS LH
21	G	TOUCH SENS LH
22	W	TOUCH SENS LH
23	G	TOUCH SENS LH
24	G	TOUCH SENS LH
25	P	TOUCH SENS LH
26	L	TOUCH SENS LH

Terminal No.	Color Of Wire	Signal Name [Specification]
10G	V	-
12G	V	-
2G	P	-
4G	P	-
5G	W	-

Connector No.	113
Connector Name	LUGGAGE ROOM POWER SOCKET
Connector Type	HS1218P-CS



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

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

Connector No.	113
Connector Name	WIRE TO WIRE
Connector Type	HS1218P-CS



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

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

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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	145
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	TP-32PW-V4



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

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	CANAL
10	L	CAN H
11	P	ENCODER POWER
12	GR	ELEC B
14	GR	ONETOUCH OPEN SW
15	R	NEUTRAL SW
17	GR	FUELID SW
18	W	FULL SW
19	P	DRIVER SW
21	G	B-SIGN
22	GR	SHIELD
24	G	TOUCH SENSE
26	L	ENCODER GND
27	B	GO LOGIC
28	GR	RR DOOR SW

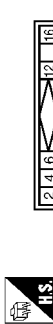
Connector No.	146
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	NS-20PW-C5



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	B	GND POWER
34	L	CLOSURE (+CLOSE)
35	SB	CLOSURE (RET)
36	V	BAT
37	B	GND POWER
39	G	RELEASE ACT (R-)
40	Y	RELEASE ACT (R+)
42	V	BAT

Connector No.	149
Connector Name	SATELLITE RADIO TUNER
Connector Type	TA-64W



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	R	SATELLITE RADIO SOUND SIGNAL RH (-)
4	G	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
8	B	REQUEST SIGNAL [SAT-<CONT]
9	W	COMMUNICATION SIGNAL [SAT->CONT]
10	R	COMMUNICATION SIGNAL [CONT->SAT]
12	G	BATTERY POWER SUPPLY
15	B	GROUND
16	P	ACC POWER SUPPLY

Connector No.	146
Connector Name	EVAP CARBURETOR CONTROL VALVE
Connector Type	ES-2-P-4S



1	2
---	---

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

Connector No.	148
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RC-LEGY-FR



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

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

Connector No.	147
Connector Name	JOINT CONNECTOR NO.2-B08
Connector Type	NS06PW-J



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

Connector No.	148
Connector Name	JOINT CONNECTOR-B08
Connector Type	BJ07W



1	2	3	4	5	6	7	8	9	10	11	12	13	14
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Terminal No.	Color Of Wire	Signal Name [Specification]
3	BR	-
4	BR	-
5	G	-
6	G	-
13	V	-
14	V	-
15	V	-
17	GR	-
18	GR	-
19	GR	-
20	GR	-
21	GR	-
22	GR	-
23	P	-
24	P	-

JRMW17279GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Terminal No.	Color Of Wire	Signal Name [Specification]
25	B	-
26	B	-
27	B	-
28	B	-
29	W	-
30	W	-
31	W	-
32	W	-

Connector No.	Connector Name	Connector Type
B1.1.5	JOINT CONNECTOR NO2-806	AGSEW



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

Connector No.	Connector Name	Connector Type
B203	AUTOMATIC SLIDING DOOR WARNING BUZZER RH	W02788



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

Connector No.	Connector Name	Connector Type
B505	REAR COMBINATION LAMP RH	RS04-EG-PR



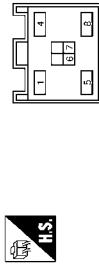
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	W	-
3	B	-
4	V	-

Connector No.	Connector Name	Connector Type
B218	WIRE TO WIRE	W02NW-GY-LC



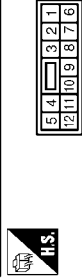
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	B	-

Connector No.	Connector Name	Connector Type
B226	INVERTER UNIT	A4E0FE-ANCS



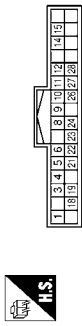
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	AC 120 V OUTPUT
4	W	BAT
5	R	AC 120 V OUTPUT
6	P	MAIN SW SIGNAL
7	G	MAIN SW INDICATOR
8	B	GROUND

Connector No.	Connector Name	Connector Type
B238	WIRE TO WIRE	W012W-C5



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

Connector No.	Connector Name	Connector Type
B247	SLIDING DOOR CONTROL UNIT RH	W028V-AM



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
3	P	KNOB LOCK
4	R	A-SIGN
5	G	HALE LATCH
6	L	IGN
8	P	BUZZER
9	B	GMHL
10	W	GMHL
11	G	ENCODER POWER
12	Y	ELEC B
14	GR	ONETOUCH OPEN SW
15	R	NEUTRAL SW
18	W	FULL SW
19	G	DRIVER SW
21	W	PSIGRE
22	W	PSIGRE
23	G	SW-GRD
24	G	TOUCH SENS
26	GB	ENCODER GND
27	GB	SD LOGIC
28	GR	RR DOOR SW

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	B448
Connector Name	SLIDING DOOR CONTROL UNIT RH
Connector Type	MS10PW-C5



33	34	35	36	37	38	39	40	41	42
33	34	35	36	37	38	39	40	41	42

Terminal No.	Color Of Wire	Signal Name [Specification]
33	B/R	GND POWER
34	R	CLOSURE-H(CLOSE)
35	G	CLOSURE(RET)
36	Y	BAT
37	B/R	GND POWER
39	L	RELEASE ACTRN-J
40	G	RELEASE ACTRN-J
42	Y	BAT

Connector No.	B551
Connector Name	BOSE AMP
Connector Type	SS412P8K-SIA2



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

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

Connector No.	B605
Connector Name	AUTOMATIC BACK DOOR WARNING BUZZER
Connector Type	PR021-8R



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

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

Connector No.	B487
Connector Name	SEATBACK POWER RETURN CONTROL UNIT
Connector Type	SUMITOMO GP08-3453



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

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

Connector No.	B488
Connector Name	SEATBACK POWER RETURN CONTROL UNIT
Connector Type	Y424M_2232-4361



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

Terminal No.	Color Of Wire	Signal Name [Specification]
17	R	BAT SIG
20	LG/Y	RH LIMIT SW
21	W	PRIMAL SW LH
22	W/R	PRIMAL SW RH
23	BR/W	RH SW GND
24	LG/Y	SPEED BPH
28	LG/Y	LH SW
29	L	RETURN SW LH
30	L/W	RETURN SW RH
31	BR	LH LIMIT SW GND
32	B	GND SIG

Connector No.	B501
Connector Name	SEATBACK LOCK RELEASE ACTUATOR RELAY RH
Connector Type	Y424M_2232-1559



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

Terminal No.	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	Y424M_2232-1559



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

Terminal No.	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	MS12PW-C5



33	34	35	36	
38	39	40	41	42 43

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	1557
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS24FW-CS



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

Connector No.	1DB
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	YN16FW



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

Connector No.	D13
Connector Name	SEAT MEMORY SWITCH
Connector Type	A08FW



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

Connector No.	D14
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	YN16FW



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

Connector No.	D162
Connector Name	LICENSE PLATE LAMP LH
Connector Type	TK02FBA



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

Connector No.	D163
Connector Name	LICENSE PLATE LAMP RH
Connector Type	TK02FBA



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

Connector No.	D161
Connector Name	BACK DOOR CONTROL UNIT
Connector Type	PN13FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	CLOSE
2	G	HAF
3	LG	H8
4	V	CLOSE
5	R	OPEN
6	P	OPEN SW
7	B	DR LOCK STATUS
8	GR	EARTH
10	BR	OPEN

Connector No.	E1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO2FG-MC



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD21BR-MC-B



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

Connector No.	E3
Connector Name	FUSE AND FUSIBLE LINK-HOLDER 1
Connector Type	2438D_1AT0A



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

Connector No.	E4
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	2438D_7990A



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.	E5
Connector Name	HORN RELAY
Connector Type	2438D_7990A



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

Connector No.	E6
Connector Name	WIRE TO WIRE
Connector Type	7K16AGT-1V



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	MC108WV-CS



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

5	B	-
7	R	-
8	B	-
20	B	-

Connector No.	E8
Connector Name	IPDM (7) INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LD21B-MC



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

Connector No.	E10
Connector Name	IPDM (7) INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	7K20BW-CS12-MH-1V



Terminal No.	Color Of Wire	Signal Name [Specification]
4	LG	-
5	Y	-
7	BR	-
10	P	-
12	B	-
13	G	-
15	L	-
16	R	-
18	P	-
19	V	-
20	W	-
21	O	-

JRMW17283GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	Signal Name [Specification]
22	SB
23	GR
24	GR
25	GR
27	BR
28	G
30	LG
34	O
35	P
36	G
38	GR

Connector No.	Signal Name [Specification]
E13	BATTERY TERMINAL WITH FUSIBLE LINK
UD13B-4C	



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

Connector No.	Signal Name [Specification]
E13	BATTERY TERMINAL WITH FUSIBLE LINK
UD13B-4C	



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

Connector No.	Signal Name [Specification]
E14	FUSE AND FUSIBLE LINK HOLDER 2
24382A-1410a	



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

Connector No.	Signal Name [Specification]
E19	ECM
HN-247B-22B L-1H	



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
126	Y	FUEL TANK TEMPERATURE SENSOR
133	BR	IGNITION SWITCH
134	Y	ASCO STEERING SWITCH
135	BR	SENSOR GROUND
139	SB	STOP LAMP SWITCH
140	BR	BRAKE PEDAL POSITION SWITCH
141	V	EVAP CANISTER VENT CONTROL VALVE
142	GR	SENSOR POWER SUPPLY
143	O	ACCELERATOR PEDAL POSITION SENSOR 2
144	G	SENSOR GROUND
145	L	POWER SOURCE FOR ECM
146	B	SENSOR POWER SUPPLY
148	V	ECM GROUND
149	B	ECM GROUND
150	W	ACCELERATOR PEDAL POSITION SENSOR 1
151	B	SENSOR GROUND
152	B	ECM GROUND

Connector No.	Signal Name [Specification]
E26	INTELLIGENT KEY WARNING BUZZER
PK03E8B	



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

Connector No.	Signal Name [Specification]
E33	POWER STEERING CONTROL MODULE
Renault_820050034(BLACK)	



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

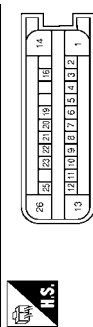
JRMW17284GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

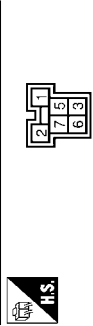
BATTERY POWER SUPPLY

Connector No.	156
Connector Name	ABS DETECTION AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	4822218-ABZ4-14



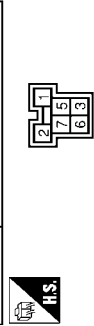
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	VALVE BATTERY
2	Y	RL LH WHEEL SENSOR SIGNAL
3	L	RL LH WHEEL SENSOR POWER SUPPLY
4	G	G SENSOR POWER SUPPLY
5	B	FR RH WHEEL SENSOR POWER SUPPLY
6	W	FR RH WHEEL SENSOR SIGNAL
7	V	BRAKE FLUID LEVEL SWITCH SIGNAL
8	LG	FR LH WHEEL SENSOR SIGNAL
9	L	FR LH WHEEL SENSOR POWER SUPPLY
10	B	G SENSOR GND
11	V	FR RH WHEEL SENSOR POWER SUPPLY
12	P	FR RH WHEEL SENSOR SIGNAL
13	B	GROUND
14	G	MOTOR BATTERY
15	SB	STOP LAMP SWITCH SIGNAL
16	V	G SENSOR SIGNAL (+)
17	GR	FR LH WHEEL SENSOR SIGNAL
18	P	GROUND
19	BR	VDC OIL SWITCH SIGNAL
20	L	COM-4
21	O	G SENSOR SIGNAL (-)
22	B	GROUND

Connector No.	157
Connector Name	COOLING FAN RELAY-2
Connector Type	MO66BP-6-CC



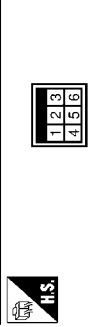
Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	L	-
3	L	-
4	Y	-
5	B	-
6	B	-
7	LG	-

Connector No.	159
Connector Name	COOLING FAN RELAY-3
Connector Type	MO66BP-6-CC



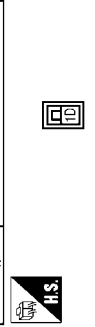
Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	-
2	L	-
3	GR	-
4	Y	-
5	B/W	-
6	P	-

Connector No.	170
Connector Name	WIRE TO WIRE
Connector Type	MO66PW-1C



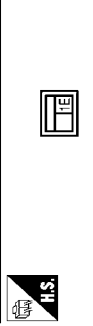
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	GR	-
3	BR	-
4	P	-
5	L	-

Connector No.	198
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO11PW-NC



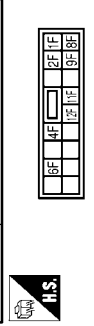
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-

Connector No.	199
Connector Name	FUSE BLOCK (J/B)
Connector Type	MO218-1C



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

Connector No.	190
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18PW-1CS



Terminal No.	Color Of Wire	Signal Name [Specification]
12E	Y	-
13E	SB	-
14E	R	-
15E	L	-
16E	LG	-
17E	P	-
18E	BR	-

JRMW17285GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

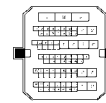
Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	W420FN-C510

6	5	4	3	2	1
13	12	11	10	9	8
20	19	18	17	16	15
14	13	12	11	10	9
8	7	6	5	4	3
2	1	0	9	8	7



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	GR	-
3	BR	-
4	L	-
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	Th70MW-C510-M3



Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	-
2	W	-
3	W	-
4	R	-
6	LG	-
7	R	-
8	GR	-
9	V	-
10	BR	-
11	Y	-
12	O	-
13	W	-
14	L	-
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	-
48	V	-
49	L	-
50	BR	-
52	G	-
53	R	-
54	O	-
55	Y	-
56	SHIELD	-
61	P	-
62	G	-
63	W/L	-
64	W/R	-
66	W	-
67	Y	-
69	R	-
71	R	-
72	L	-
73	GR	-
74	Y	-
75	SB	-
76	Y	-
77	G	-
78	O	-

80	R	-
81	P	-
82	LG	-
83	R	-

Connector No.	E118
Connector Name	JOINT CONNECTOR-E08
Connector Type	BLJ30FW

11	10	9	8	7	6	5	4	3	2	1
20	19	18	17	16	15	14	13	12	11	10
9	8	7	6	5	4	3	2	1	0	9
8	7	6	5	4	3	2	1	0	9	8
7	6	5	4	3	2	1	0	9	8	7
6	5	4	3	2	1	0	9	8	7	6
5	4	3	2	1	0	9	8	7	6	5
4	3	2	1	0	9	8	7	6	5	4
3	2	1	0	9	8	7	6	5	4	3
2	1	0	9	8	7	6	5	4	3	2
1	0	9	8	7	6	5	4	3	2	1



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	L	-
3	L	-
6	Y	-
7	Y	-
8	Y	-
9	Y	-
10	Y	-
11	V	-
12	R	-
13	R	-
14	R	-
15	V	-
16	V	-
17	V	-
19	L	-
20	L	-
21	L	-
23	SB	-
24	SB	-
25	BR	-
26	BR	-
27	R	-
28	R	-
29	B/Y	-
30	B/Y	-
32	P	-
33	P	-

Connector No.	E120
Connector Name	JOINT CONNECTOR-E01
Connector Type	M05FW-L



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

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

Connector No.	E126
Connector Name	STOP LAMP SWITCH
Connector Type	M04FB-LC



3	4
1	2

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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

<table><tr><td>Connector No.</td><td>E301</td></tr><tr><td>Connector Name</td><td>COOLING FAN MOTOR-1</td></tr><tr><td>Connector Type</td><td>FS045GV-PR</td></tr></table> 	Connector No.	E301	Connector Name	COOLING FAN MOTOR-1	Connector Type	FS045GV-PR	<table><tr><td>Connector No.</td><td>E320</td></tr><tr><td>Connector Name</td><td>FRONT SIDE MARKER LAMP LH</td></tr><tr><td>Connector Type</td><td>FR027GV</td></tr></table> 	Connector No.	E320	Connector Name	FRONT SIDE MARKER LAMP LH	Connector Type	FR027GV	<table><tr><td>Connector No.</td><td>E323</td></tr><tr><td>Connector Name</td><td>HEADLAMP LOW LH</td></tr><tr><td>Connector Type</td><td>ED27GV-RS</td></tr></table> 	Connector No.	E323	Connector Name	HEADLAMP LOW LH	Connector Type	ED27GV-RS	<table><tr><td>Connector No.</td><td>E325</td></tr><tr><td>Connector Name</td><td>HEADLAMP HIGH LH</td></tr><tr><td>Connector Type</td><td>MD027B</td></tr></table> 	Connector No.	E325	Connector Name	HEADLAMP HIGH LH	Connector Type	MD027B																					
Connector No.	E301																																															
Connector Name	COOLING FAN MOTOR-1																																															
Connector Type	FS045GV-PR																																															
Connector No.	E320																																															
Connector Name	FRONT SIDE MARKER LAMP LH																																															
Connector Type	FR027GV																																															
Connector No.	E323																																															
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Connector Name	HEADLAMP HIGH LH																																															
Connector Type	MD027B																																															
<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>L</td><td>-</td></tr><tr><td>2</td><td>P</td><td>-</td></tr><tr><td>3</td><td>P</td><td>-</td></tr><tr><td>4</td><td>Y</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	L	-	2	P	-	3	P	-	4	Y	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>P</td><td>-</td></tr><tr><td>2</td><td>GR</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	P	-	2	GR	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>L</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	L	-	2	B	-	<table><tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr><tr><td>1</td><td>LG</td><td>-</td></tr><tr><td>2</td><td>B</td><td>-</td></tr></table>	Terminal No.	Color Of Wire	Signal Name [Specification]	1	LG	-	2	B	-			
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	L	-																																														
2	P	-																																														
3	P	-																																														
4	Y	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	P	-																																														
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Terminal No.	Color Of Wire	Signal Name [Specification]																																														
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1	LG	-																																														
2	B	-																																														
<table><tr><td>Connector No.</td><td>E305</td></tr><tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr><tr><td>Connector Type</td><td>MD6FW-LC</td></tr></table> 	Connector No.	E305	Connector Name	WIRE TO WIRE	Connector Type	MD6FW-LC	<table><tr><td>Connector No.</td><td>E321</td></tr><tr><td>Connector Name</td><td>FRONT SIDE MARKER LAMP RH</td></tr><tr><td>Connector Type</td><td>FR027GV</td></tr></table> 	Connector No.	E321	Connector Name	FRONT SIDE MARKER LAMP RH	Connector Type	FR027GV	<table><tr><td>Connector No.</td><td>E324</td></tr><tr><td>Connector Name</td><td>HEADLAMP LOW RH</td></tr><tr><td>Connector Type</td><td>ED27GV-RS</td></tr></table> 	Connector No.	E324	Connector Name	HEADLAMP LOW RH	Connector Type	ED27GV-RS	<table><tr><td>Connector No.</td><td>E326</td></tr><tr><td>Connector Name</td><td>HEADLAMP HIGH RH</td></tr><tr><td>Connector Type</td><td>MD027B</td></tr></table> 	Connector No.	E326	Connector Name	HEADLAMP HIGH RH	Connector Type	MD027B																					
Connector No.	E305																																															
Connector Name	WIRE TO WIRE																																															
Connector Type	MD6FW-LC																																															
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Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	P	-																																														
2	R	-																																														
3	L	-																																														
4	Y	-																																														
5	G	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	GR	-																																														
2	GR	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	B	-																																														
2	B	-																																														
Terminal No.	Color Of Wire	Signal Name [Specification]																																														
1	V	-																																														
2	GR	-																																														

JRMW17287GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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 AIM/ING MOTOR LH
Connector Type	HS03FET



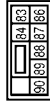
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	GR	-
3	W	-

Connector No.	E336
Connector Name	HEADLAMP AIM/ING MOTOR RH
Connector Type	HS03FET



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

Connector No.	E345
Connector Name	PPM LH INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	HS08FW C3



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

Connector No.	E346
Connector Name	PPM LH INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH135FW-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
91	LG	-
92	P	-
93	W	-
94	O	-
99	Y	-
100	V	-
101	O	-
102	G	-
103	BR	-

Connector No.	E348
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	F03FBR



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

Connector No.	E349
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	F03FBR



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	F151
Connector Name	HEADLAMP LOW RH
Connector Type	FH2021B



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

Connector No.	E402
Connector Name	FRONT FOG LAMP RH
Connector Type	FH2021B



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

Connector No.	F15
Connector Name	BATTERY TERMINAL WITH FUSE LINK
Connector Type	24242C_J040D



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

Connector No.	F10
Connector Name	STARTER MOTOR
Connector Type	24340_J060A



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

Connector No.	F12
Connector Name	FROM ILLUMINANT POWER DISTRIBUTION MODULE (FROM ROOM)
Connector Type	FH200W-C512-A04



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



Connector No.	F14
Connector Name	ECM
Connector Type	MA335E-M0320-04

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	KNOCK SENSOR (BANK 1)
6	BK/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. 4
13	G	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. 3
18	P	SENSOR GROUND
19	B	FUEL PUMP RELAY
20	B	REFRIGERANT PRESSURE SENSOR
21	P/B	FUEL INJECTOR No. 6
22	R/Y	FUEL INJECTOR No. 3
23	G	SENSOR GROUND
28	BR	SENSOR POWER SUPPLY
31	V	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	W	HEATED OXYGEN SENSOR 2 (BANK 1)
46	SB	A/F SENSOR 1 HEATER (BANK 2)
47	R	HEATED OXYGEN SENSOR 2 HEATER (BANK 2)

Connector No.	F13
Connector Name	CONDENSER
Connector Type	W02FW-07-LC



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

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Revision: October 2015

49	BR/W	ELECTRONIC CONTROLLED ENGINE MOUNT CONTROL SOLENOID VALVE
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	MA95FB-M/FB10-IH



Terminal No.	Color Of Wire	Signal Name (Specification)
53	WB	ECV2P1
60	W	SENSOR GROUND
64	GB	ECV2P2
65	L	AIR SENSOR (BANK 1)
67	P	AIR SENSOR (BANK 1)
68	W	BATTERT TEMPERATURE SENSOR
69	BR	BATTERT CURRENT SENSOR
70	GR	SHIELD
71	W	THROTTLE POSITION SENSOR 1
72	R	THROTTLE POSITION SENSOR 2
75	Y	SENSOR GROUND
76	LG	AIR SENSOR (BANK 2)
77	P	AIR SENSOR (BANK 2)
83	W	SHIELD
84	WB	CAMSHAFT POSITION SENSOR (BANK 1)
85	WB	ECM RELAY (ECV2P1-ECV2P2)
86	W	SENSOR POWER SUPPLY
89	BRN	CAMSHAFT POSITION SENSOR (BANK 2)
90	BRN	SENSOR GROUND
92	GB	SENSOR POWER SUPPLY
93	GB	SENSOR POWER SUPPLY
98	L	STARTER MOTOR RELAY OUT SIGNAL
101	P	WAS CONTROL SOLENOID VALVE 2
102	GBR	WAS CONTROL SOLENOID VALVE 2
103	LUB	IGNITION SIGNAL No. 5
104	GBR	IGNITION SIGNAL No. 6
105	R	ECM GROUND
106	GB	IGNITION SIGNAL No. 2
107	P	IGNITION SIGNAL No. 5
108	V	WAS CONTROL SOLENOID VALVE 1

110	B	ECM GROUND
113	W/R	IGNITION SIGNAL No. 1
114	W	IGNITION SIGNAL No. 2
116	W/L	POWER SUPPLY FOR ECM (BACK-UP)
117	R	INTAKE VALVE TIMING COIL SOLENOID VALVE (BANK 1)
118	V	EXHAUST VALVE TIMING COIL SOLENOID VALVE (BANK 1)
119	V	INTAKE VALVE TIMING COIL SOLENOID VALVE (BANK 2)
120	BR	EXHAUST VALVE TIMING COIL SOLENOID VALVE (BANK 2)

Connector No.	F23
Connector Name	TCM
Connector Type	RH40FR-879-1-RH



Terminal	Color of Wire	Signal Name (Specification)
1	GR	L RANGE SW
2	GR	D RANGE SW
4	G/O	N RANGE SW
5	P/B	R RANGE SW
6	P/B	P RANGE SW
7	BR/W	SENSOR GROUND
11	W/W	CUT/FLW TEMPERATURE SENSOR
12	V	G SENSOR
14	W	PRIMARY PRESSURE SENSOR
16	WM	SECONDARY PRESSURE SENSOR
17	WM	CALL
23	P	IN/OUT SPEED SENSOR
24	GR	LINE PRESSURE SOLINOID VALVE
30	RYZ	CAN/H
33	L	OUTPUT SPEED SENSOR
34	LG/R	PRIMARY SPEED SENSOR
35	LG	SELECT SOLINOID VALVE
37	W/W	TORQUE CONVERTER SOLINOID VALVE
38	R/R	SECONDARY PRESSURE SOLINOID VALVE
39	W/B	PRIMARY PRESSURE SOLINOID VALVE
40	BR	GROUND
41	B	GROUND
42	B	BATTERY POWER SUPPLY
45	LG	BATTERY POWER SUPPLY
46	LG	BATTERY POWER SUPPLY

48	Y	IGNITION POWER SUPPLY
Connector No.	F30	
Connector Name	ESAP CARBURETOR PURGE VOLUME CONTROL SOLENOID VALVE	
Connector Type	EQ2FL-RS-LGY	



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

Connector No.	F31
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	E03FCV-RS



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

Connector No.	F32
Connector Name	SWITCH/CGT No. 2 (WITH POWER TRANSMISSION)
Connector Type	EC3/GV-PS



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 TRANSFORMER)
Connector Type	ED3GY-R5

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

POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY

Connector No.	F34	Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)	Connector Type	ED34GY-RS	 
Terminal No.	1	Color Of Wire	W	Signal Name [Specification]		
	2	B	-			
	3	R/B	-			

Connector No.	F35	Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)	Connector Type	ED34GY-RS	 
Terminal No.	1	Color Of Wire	P	Signal Name [Specification]		
	2	B	-			
	3	R/B	-			

Connector No.	F48	Connector Name	IGNITION VALVE THINNING CONTROL SOLENOID VALVE (BANK 1)	Connector Type	ED24GP-RS-LGY	 
Terminal No.	1	Color Of Wire	GR/R	Signal Name [Specification]		
	2	B	-			
	3	R/B	-			

Connector No.	F49	Connector Name	INTERMEDIATE VALVE THINNING CONTROL SOLENOID VALVE (BANK 2)	Connector Type	ED24GP-RS-LGY	 
Terminal No.	1	Color Of Wire	W	Signal Name [Specification]		
	2	B	-			

Connector No.	F51	Connector Name	INTERMEDIATE VALVE THINNING CONTROL SOLENOID VALVE (BANK 1)	Connector Type	ED24GP-RS-LGY	 
Terminal No.	1	Color Of Wire	R	Signal Name [Specification]		
	2	R	-			

Connector No.	F52	Connector Name	INTERMEDIATE VALVE THINNING CONTROL SOLENOID VALVE (BANK 2)	Connector Type	ED24GP-RS-LGY	 
Terminal No.	1	Color Of Wire	R/W	Signal Name [Specification]		
	2	Y	-			

Connector No.	F53	Connector Name	INTERMEDIATE VALVE THINNING CONTROL SOLENOID VALVE (BANK 1)	Connector Type	ED24GP-RS-LGY	 
Terminal No.	1	Color Of Wire	L	Signal Name [Specification]		
	2	V	-			

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POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY

Connector No.	F54
Connector Name	WIRE TO BATTERY
Connector Type	ISO15C-15-1G7



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

Connector No.	F59
Connector Name	ALTERNATOR
Connector Type	2834D_JA091A



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

Connector No.	F60
Connector Name	ALTERNATOR
Connector Type	H503FB



Terminal No.	4
Color Of Wire	V/B
Signal Name [Specification]	-

Connector No.	F74
Connector Name	VIAS CONTROL SOLENOID VALVE 1
Connector Type	EC21B-1S



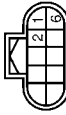
Terminal No.	1
Color Of Wire	R/W
Signal Name [Specification]	-

Connector No.	F75
Connector Name	VIAS CONTROL SOLENOID VALVE 2
Connector Type	EC21B-1S



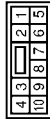
Terminal No.	1
Color Of Wire	R/W
Signal Name [Specification]	-

Connector No.	F87
Connector Name	JOINT CONNECTOR-F01
Connector Type	HN-108B



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

Connector No.	F121
Connector Name	WIRE TO WIRE
Connector Type	H510W-C3



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

Connector No.	F123
Connector Name	WIRE TO WIRE
Connector Type	TC18EG-1V



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

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD18FW



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

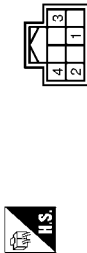
POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY

Terminal No.	Color Of Wire	Signal Name [Specification]
7	R	-
8	G	-
11	BR	-
14	P	-
15	P	-

Connector No.	Connector Name	Connector Type
M5	VDC OFF SWITCH	
M5	VDC OFF SWITCH	



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

Connector No.	Connector Name	Connector Type
M6	FUSE BLOCK (I/B)	
M6	FUSE BLOCK (I/B)	



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

Connector No.	Connector Name	Connector Type
M7	FUSE BLOCK (I/B)	
M7	FUSE BLOCK (I/B)	



Terminal No.	Color Of Wire	Signal Name [Specification]
3B	V	-
4B	W	-
5B	BR	-
6B	G	-
8B	R/L	-
9B	GR	-

Connector No.	Connector Name	Connector Type
M11	WIRE TO WIRE	
M11	WIRE TO WIRE	



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

Terminal No.	Color Of Wire	Signal Name [Specification]
14	L	-
15	P	-
31	GR	-
32	GR	-
37	W	-
38	R	-
39	BR	-
39	Y	-
40	P	-
41	L	-
42	G	-
43	W	-
45	P	-
46	V	-
47	R	-
49	G	-
51	G	-
52	W	-
53	B	-
54	LG	-
55	L	-
56	SHIELD	-
61	R	-
62	W	-
63	B	-
64	W	-
66	W	-
67	BR	-
69	P	-
71	R	-
72	L	-
73	LG	-
74	Y	-
75	V	-
76	P	-
77	P	-
78	BR	-
80	V	-
81	W	-
82	L	-
83	R	-

Connector No.	Connector Name	Connector Type
M13	HEADLAMP AIMING SWITCH	
M13	HEADLAMP AIMING SWITCH	



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

Connector No.	Connector Name	Connector Type
M14	REAR BLOWER RELAY	
M14	REAR BLOWER RELAY	



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

POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY

Connector No.	M25	Connector No.	M26	Connector No.	M31	Connector No.	M39
Connector Name	GLOVE BOX LAMP	Connector Name	NATS ANTENNA AMP.	Connector Name	CIRCUIT BREAKER	Connector Name	CIRCUIT BREAKER
Connector Type	A02FW	Connector Type	TH04FW-4H	Connector Type	M02FW-P-4C	Connector Type	M02FW-P-4C
							
Terminal No.	1	Color Of Wire	P	Terminal No.	1	Color Of Wire	R
	2		B		2		W
Signal Name [Specification]	-	Signal Name [Specification]	BAT	Signal Name [Specification]	-	Signal Name [Specification]	-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Terminal No.	1	Color Of Wire	Y	Terminal No.	1
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JRMWI7294GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M4S
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-4C



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

Connector No.	M4S
Connector Name	A/C AMP
Connector Type	TH40FW-4H



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 DEFROSTER F/R 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	VEHICLE SPEED SIGNAL
23	B	GROUND
27	BE	REAR WINDOW DEFROSTER F/R SIGNAL
28	GR	ILLUMINATION GROUND
30	R	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	COMM (A/C AUTO AMP ->R/R A/C CONT)
33	W	COMM (R/R A/C CONT ->A/C AUTO AMP)
36	R	EXH GAS/OUTSIDE ODOR DETECTING SENSOR SIGNAL
37	BE	INTAKE SENSOR SIGNAL
38	GR	REAR IN-VEHICLE SENSOR SIGNAL
39	L	AMBIENT SENSOR SIGNAL
40	G	SENSOR GROUND

37	BE	INTAKE SENSOR SIGNAL
40	G	SENSOR GROUND

Connector No.	M4S
Connector Name	A/C AUTO AMP
Connector Type	TH40FW-4H



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 DEFROSTER F/R 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	IGNITION OFF CONTROL SIGNAL
17	G	ENGINE COOLANT TEMPERATURE SIGNAL
18	R	EXH GAS/OUTSIDE ODOR DETECTING SENSOR SIGNAL
19	GR	REAR IN-VEHICLE SENSOR SIGNAL
20	B	A/C AUTO AMP CONNECTOR RECOGNITION SIGNAL
21	B	GROUND
23	B	GROUND
24	BE	VEHICLE SPEED SIGNAL
27	BE	REAR WINDOW DEFROSTER ON SIGNAL
28	GR	ILLUMINATION GROUND
30	R	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	COMM (A/C AUTO AMP ->R/R A/C CONT)
33	W	COMM (R/R A/C CONT ->A/C AUTO AMP)
36	R	EXH GAS/OUTSIDE ODOR DETECTING SENSOR SIGNAL
37	BE	INTAKE SENSOR SIGNAL
38	GR	REAR IN-VEHICLE SENSOR SIGNAL
39	L	AMBIENT SENSOR SIGNAL
40	G	SENSOR GROUND

Connector No.	M4S
Connector Name	METER CONTROL SWITCH
Connector Type	TH08AW-4H



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

Connector No.	M4S
Connector Name	ILLUMINATION CONTROL SWITCH
Connector Type	TH08AW-4H



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	W	- [Without automatic drive positioner]
3	Y	- [With automatic drive positioner]
4	G	- [Without automatic drive positioner]
4	V	- [With automatic drive positioner]
6	P	-

Connector No.	M6G
Connector Name	BSW SWITCH
Connector Type	TH08EL-4H



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

Connector No.	M6G
Connector Name	WIRE TO WIRE
Connector Type	M02FW-0YLC



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

< WIRING DIAGRAM >

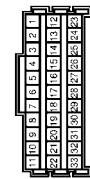
Connector No.	M93	Connector Name	SELECTOR DRIVE (CLUTCH SWITCH) (KODI 55A)
Connector Type	TH12FCV-NH		
Terminal No.	1	Wire	B
Terminal No.	2	Wire	W
Terminal No.	3	Wire	B
Terminal No.	4	Wire	W
Terminal No.	5	Wire	GR
Terminal No.	6	Wire	GR
Terminal No.	7	Wire	GR
Terminal No.	8	Wire	W
Terminal No.	9	Wire	W
Terminal No.	10	Wire	W
Terminal No.	11	Wire	W
Terminal No.	12	Wire	W
Terminal No.	13	Wire	W
Terminal No.	14	Wire	W
Terminal No.	15	Wire	W
Terminal No.	16	Wire	W
Terminal No.	17	Wire	W
Terminal No.	18	Wire	W
Terminal No.	19	Wire	W
Terminal No.	20	Wire	W
Terminal No.	21	Wire	W
Terminal No.	22	Wire	W
Terminal No.	23	Wire	W
Terminal No.	24	Wire	W
Terminal No.	25	Wire	W
Terminal No.	26	Wire	W
Terminal No.	27	Wire	W
Terminal No.	28	Wire	W
Terminal No.	29	Wire	W
Terminal No.	30	Wire	W
Terminal No.	31	Wire	W
Terminal No.	32	Wire	W
Terminal No.	33	Wire	W
Terminal No.	34	Wire	W
Terminal No.	35	Wire	W
Terminal No.	36	Wire	W
Terminal No.	37	Wire	W
Terminal No.	38	Wire	W
Terminal No.	39	Wire	W
Terminal No.	40	Wire	W
Terminal No.	41	Wire	W
Terminal No.	42	Wire	W
Terminal No.	43	Wire	W
Terminal No.	44	Wire	W
Terminal No.	45	Wire	W
Terminal No.	46	Wire	W
Terminal No.	47	Wire	W
Terminal No.	48	Wire	W
Terminal No.	49	Wire	W
Terminal No.	50	Wire	W
Terminal No.	51	Wire	W
Terminal No.	52	Wire	W
Terminal No.	53	Wire	W
Terminal No.	54	Wire	W
Terminal No.	55	Wire	W
Terminal No.	56	Wire	W
Terminal No.	57	Wire	W
Terminal No.	58	Wire	W
Terminal No.	59	Wire	W
Terminal No.	60	Wire	W
Terminal No.	61	Wire	W
Terminal No.	62	Wire	W
Terminal No.	63	Wire	W
Terminal No.	64	Wire	W
Terminal No.	65	Wire	W
Terminal No.	66	Wire	W
Terminal No.	67	Wire	W
Terminal No.	68	Wire	W
Terminal No.	69	Wire	W
Terminal No.	70	Wire	W
Terminal No.	71	Wire	W
Terminal No.	72	Wire	W
Terminal No.	73	Wire	W
Terminal No.	74	Wire	W
Terminal No.	75	Wire	W
Terminal No.	76	Wire	W
Terminal No.	77	Wire	W
Terminal No.	78	Wire	W
Terminal No.	79	Wire	W
Terminal No.	80	Wire	W
Terminal No.	81	Wire	W
Terminal No.	82	Wire	W
Terminal No.	83	Wire	W
Terminal No.	84	Wire	W
Terminal No.	85	Wire	W
Terminal No.	86	Wire	W
Terminal No.	87	Wire	W
Terminal No.	88	Wire	W
Terminal No.	89	Wire	W
Terminal No.	90	Wire	W
Terminal No.	91	Wire	W
Terminal No.	92	Wire	W
Terminal No.	93	Wire	W
Terminal No.	94	Wire	W
Terminal No.	95	Wire	W
Terminal No.	96	Wire	W
Terminal No.	97	Wire	W
Terminal No.	98	Wire	W
Terminal No.	99	Wire	W
Terminal No.	100	Wire	W
Terminal No.	101	Wire	W
Terminal No.	102	Wire	W
Terminal No.	103	Wire	W
Terminal No.	104	Wire	W
Terminal No.	105	Wire	W
Terminal No.	106	Wire	W
Terminal No.	107	Wire	W
Terminal No.	108	Wire	W
Terminal No.	109	Wire	W
Terminal No.	110	Wire	W
Terminal No.	111	Wire	W
Terminal No.	112	Wire	W
Terminal No.	113	Wire	W
Terminal No.	114	Wire	W
Terminal No.	115	Wire	W
Terminal No.	116	Wire	W
Terminal No.	117	Wire	W
Terminal No.	118	Wire	W
Terminal No.	119	Wire	W
Terminal No.	120	Wire	W
Terminal No.	121	Wire	W
Terminal No.	122	Wire	W
Terminal No.	123	Wire	W
Terminal No.	124	Wire	W

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

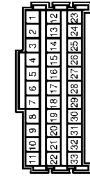
BATTERY POWER SUPPLY

Connector No.	M156
Connector Name	JOINT CONNECTOR-M15
Connector Type	B33CFW



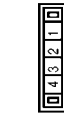
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	B	-
4	L	-
5	L	-
6	L	-
8	GR	-
9	Y	-
10	Y	-
11	Y	-
12	R	-
14	R	-
15	R	-
17	Y	-
18	Y	-
19	Y	-
20	Y	-
21	G	[Without automatic drive positioner]
22	G	[With automatic drive positioner]
23	G	[Without automatic drive positioner]
24	G	[With automatic drive positioner]
25	GR	-
26	GR	-
27	V	-
28	V	-
29	SB	-
30	BE	-
31	SB	-
32	SB	-
33	BE	-

Connector No.	M157
Connector Name	JOINT CONNECTOR-M14
Connector Type	B33CFW



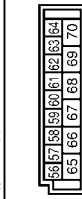
Terminal No.	Color Of Wire	Signal Name [Specification]
2	R	-
3	R	-
4	R	-
6	G	-
7	O	-
8	O	-
9	P	-
10	P	-
11	O	-
12	Y	-
13	Y	-
14	Y	-
15	B	-
17	B	-
20	G	[Without automatic drive positioner]
21	G	[With automatic drive positioner]
22	G	[Without automatic drive positioner]
23	V	[With automatic drive positioner]
25	V	-
26	LG	-
27	V	-
29	P	-
30	P	-
31	P	-
32	P	-
33	P	-

Connector No.	M158
Connector Name	JOINT CONNECTOR-M01
Connector Type	TK4CFW-I



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

Connector No.	M159
Connector Name	BCM [BODY CONTROL MODULE]
Connector Type	FE409WFH46-5A



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

Connector No.	M164
Connector Name	BCM [BODY CONTROL MODULE]
Connector Type	TK4CFW-4M



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 IMPRANT+
83	R	REAR IMPRANT-
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	W	PUSH SW IGN SW (L) PWR SWY
91	W	LOCK SWY (L) GND
92	R	PUSH SW IGN SWY (L) GND
93	B	1 LSV MGRN BUZZER
96	BE	ACC RELAY CONT OUTPUT
97	W	STARTER RELAY CONT
98	P	IGN RELAY (IDLE) RL CONT
99	G	IGN RELAY (ID) CONT OUTPUT
100	R	PASS DOOR REQ SW
101	R	IGN PWR SWY 2
102	P	F/A POSITION
104	L	CVT SHIFT SELECT PWR SWY
105	R	STOP LAMP SW 2
106	O	BLWR RELAY CONT OUTPUT
109	R	ACC IND

JRMW17297GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	M138
Connector Name	TEL ADAPTER UNIT
Connector Type	TH23FW-4H

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



2	4	8	10	20	28	29
1	3	7	19			

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

Connector No.	M142
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CS2

Terminal No.	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 (-)
6	GR	STEERING SWITCH SIGNAL
7	GR	STEERING SWITCH SIGNAL
8	BE	VEHICLE SPEED SIGNAL (8 PULSE)
9	Y	BATTERY POWER SUPPLY
10	B	GROUND



2	4	8	10	20	28	29
1	3	7	19			

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 (-)
6	GR	STEERING SWITCH SIGNAL
7	GR	STEERING SWITCH SIGNAL
8	BE	VEHICLE SPEED SIGNAL (8 PULSE)
9	Y	BATTERY POWER SUPPLY
10	B	GROUND

Terminal No.	Wire	Signal Name [Specification]
12	L	SOUND SIGNAL - FRONT SPEAKER RH (+)
13	P	SOUND SIGNAL - FRONT SPEAKER RH (-)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
19	Y	BATTERY

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

2	4	8	10	20	28	29
1	3	7	19			

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 (-)
6	G	STEERING SWITCH SIGNAL
7	GR	ACC POWER SUPPLY
8	B	ILLUMINATION CONTROL SIGNAL (-)
9	B	ILLUMINATION CONTROL SIGNAL (+)
11	B	SOUND SIGNAL - FRONT SPEAKER RH (+)
12	L	SOUND SIGNAL - FRONT SPEAKER RH (-)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
15	GR	STEERING SWITCH SIGNAL
16	P	STEERING SWITCH SIGNAL
18	BE	VEHICLE SPEED SIGNAL (8 PULSE)
19	Y	BATTERY POWER SUPPLY
20	B	GROUND



2	4	8	10	20	28	29
1	3	7	19			

Connector No.	M153
Connector Name	DISC SELECT SWITCH
Connector Type	JABSCF-B

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



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

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

Connector No.	M154
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-4H

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



4	6	8
1	3	5

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



4	6	8
1	3	5

Connector No.	M155
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24FW-4H

Terminal No.	Color Of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	Y	CAMERA IMAGE SIGNAL
9	W	COMMUNICATION SIGNAL (DISP-CONT)
10	B	COMMUNICATION SIGNAL (CONT-20SP)
11	SB	BATTERY POWER SUPPLY
12	B	GROUND
18	R	COMPOSITE IMAGE SIGNAL
19	W	COMPOSITE IMAGE SIGNAL GROUND
20	B	COMPOSITE SYNC
21	SHIELD	SHIELD
22	O	ACC POWER SUPPLY



12	11	10	9	8	7	6
23	22	21	20	19	18	

Terminal No.	Color Of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	Y	CAMERA IMAGE SIGNAL
9	W	COMMUNICATION SIGNAL (DISP-CONT)
10	B	COMMUNICATION SIGNAL (CONT-20SP)
11	SB	BATTERY POWER SUPPLY
12	B	GROUND
18	R	COMPOSITE IMAGE SIGNAL
19	W	COMPOSITE IMAGE SIGNAL GROUND
20	B	COMPOSITE SYNC
21	SHIELD	SHIELD
22	O	ACC POWER SUPPLY

Connector No.	M163
Connector Name	AV CONTROL UNIT
Connector Type	NH18FW-CS2

Terminal No.	Wire	Signal Name [Specification]
2	LG	SOUND SIGNAL - FRONT SPEAKER LH (+)
3	Y	SOUND SIGNAL - FRONT SPEAKER LH (-)
4	V	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	L	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
6	BE	STEERING SWITCH SIGNAL
7	O	ACC POWER SUPPLY
9	BE	DIMMER SIGNAL
11	L	SOUND SIGNAL - FRONT SPEAKER RH (+)



2	4	6	7	9	20
19	11	12	13	14	15

Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	SOUND SIGNAL - FRONT SPEAKER LH (+)
3	Y	SOUND SIGNAL - FRONT SPEAKER LH (-)
4	V	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	L	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
6	BE	STEERING SWITCH SIGNAL
7	O	ACC POWER SUPPLY
9	BE	DIMMER SIGNAL
11	L	SOUND SIGNAL - FRONT SPEAKER RH (+)

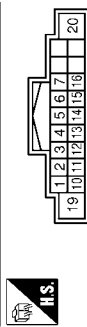
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Terminal No.	Wire	Signal Name [Specification]
12	B	SOUND SIGNAL FRONT SPEAKER RH (-)
13	BR	SOUND SIGNAL SIDE DOOR SPEAKER RH (+)
14	BR	SOUND SIGNAL SIDE DOOR SPEAKER RH (-)
15	BR	SOUND SIGNAL SIDE DOOR SPEAKER LH (+)
16	P	STEERING SWITCH SIGNAL B
19	SB	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	Connector Name	Connector Type
M191	AV CONTROL UNIT	
NH18FW CS2		



Terminal No.	Wire	Signal Name [Specification]
1	LG	AMP. ON SIGNAL
2	R	SOUND SIGNAL FRONT LH (+)
3	G	SOUND SIGNAL FRONT LH (-)
4	B	SOUND SIGNAL REAR LH (+)
5	W	SOUND SIGNAL REAR LH (-)
6	BR	STEERING SWITCH SIGNAL A
10	G	ACC-POWER SUPPLY
11	W	BATTERY POWER SUPPLY
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	STEERING SWITCH SIGNAL B
19	SB	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	Connector Name	Connector Type
M212	HEATED SEAT SWITCH (PASSENGER SIDE)	
NS06BR CS		



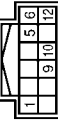
Terminal No.	Wire	Signal Name [Specification]
1	L	-
2	SB	-
3	Y	-
4	GR	-
5	P	-
6	B	-

Connector No.	Connector Name	Connector Type
M213	HEATED SEAT SWITCH (DRIVER SIDE)	
NS06FW CS		



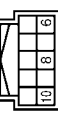
Terminal No.	Wire	Signal Name [Specification]
1	L	-
2	BR	-
3	LG	-
4	B	-
5	P	-
6	GR	-

Connector No.	Connector Name	Connector Type
K415	REAR A/C CONTROL	
TH22FW-NM		



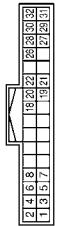
Terminal No.	Wire	Signal Name [Specification]
1	B	GROUND
5	R	ILL- [With auto A/C]
6	R/L	ILL- [With manual A/C]
9	BR	ILL-
10	BR	RX [With manual A/C]
11	V	RX [With auto A/C]
12	G	TX
13	G	IGN

Connector No.	Connector Name	Connector Type
R25	AUTO ANT DAZZLING MIRROR	
TH10FB-NM		



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

Connector No.	Connector Name	Connector Type
R26	REAR DISPLAY UNIT	
TH22FW-NM		



Terminal No.	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 (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
7	B	COMPOSITE IMAGE SIGNAL
8	W	COMPOSITE IMAGE SIGNAL GROUND
9	SHIELD	SHIELD
10	SHIELD	SHIELD
11	SHIELD	SHIELD
12	SHIELD	SHIELD
13	SHIELD	SHIELD
14	SHIELD	SHIELD
15	SHIELD	SHIELD
16	SHIELD	SHIELD
17	SHIELD	SHIELD
18	SHIELD	SHIELD
19	W	AV COMMUNICATION SIGNAL (L)
20	Y	AV COMMUNICATION SIGNAL (L)
21	B	AV COMMUNICATION SIGNAL (H)
22	BR	AV COMMUNICATION SIGNAL (H)
23	LG	IGNITION SIGNAL
24	LG	IGNITION SIGNAL
25	SB	ILLUMINATION SIGNAL
26	V	ACC-POWER SUPPLY
27	V	BATTERY POWER SUPPLY
28	GR	BATTERY POWER SUPPLY
29	GR	BATTERY POWER SUPPLY
30	GR	BATTERY POWER SUPPLY
31	B	GROUND
32	B	GROUND

JRMW17299GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

Connector No.	R103
Connector Name	REAR A/C CONTROL
Connector Type	TH24FW-N4



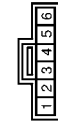
Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	GROUND
5	Y	ILL*
6	B	ILL*
9	LG	RX
10	SB	TX
12	P	IGN [Without automatic drive positioner]
12	V	IGN [With automatic drive positioner]

Connector No.	R108
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	TH24FW-N4



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

Connector No.	R109
Connector Name	MAP LAMP
Connector Type	TH26GY



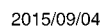
Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
2	V	-
3	L	-
4	B	-
5	BR	-
6	SB	-

JRMW17300GB

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

PG



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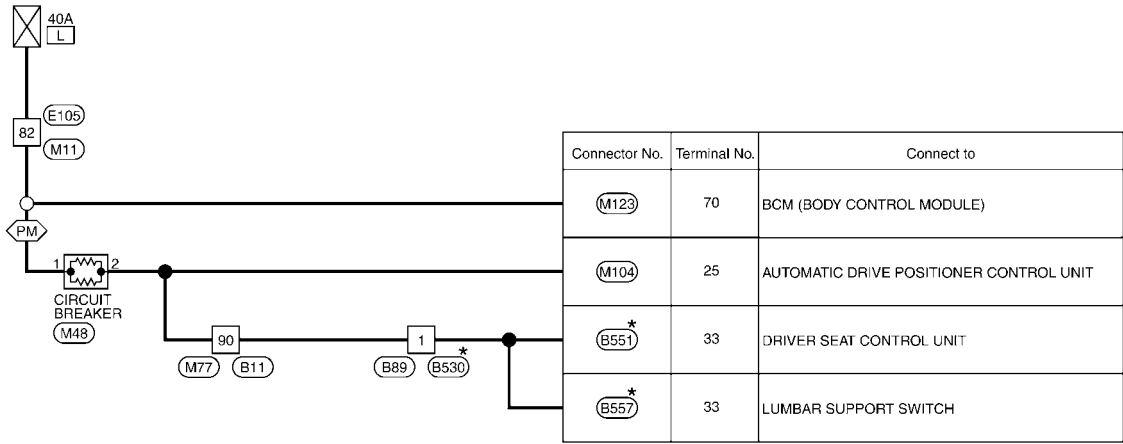
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405156

PM : With automatic drive positioner



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

2015/09/04

JRMW17302GB

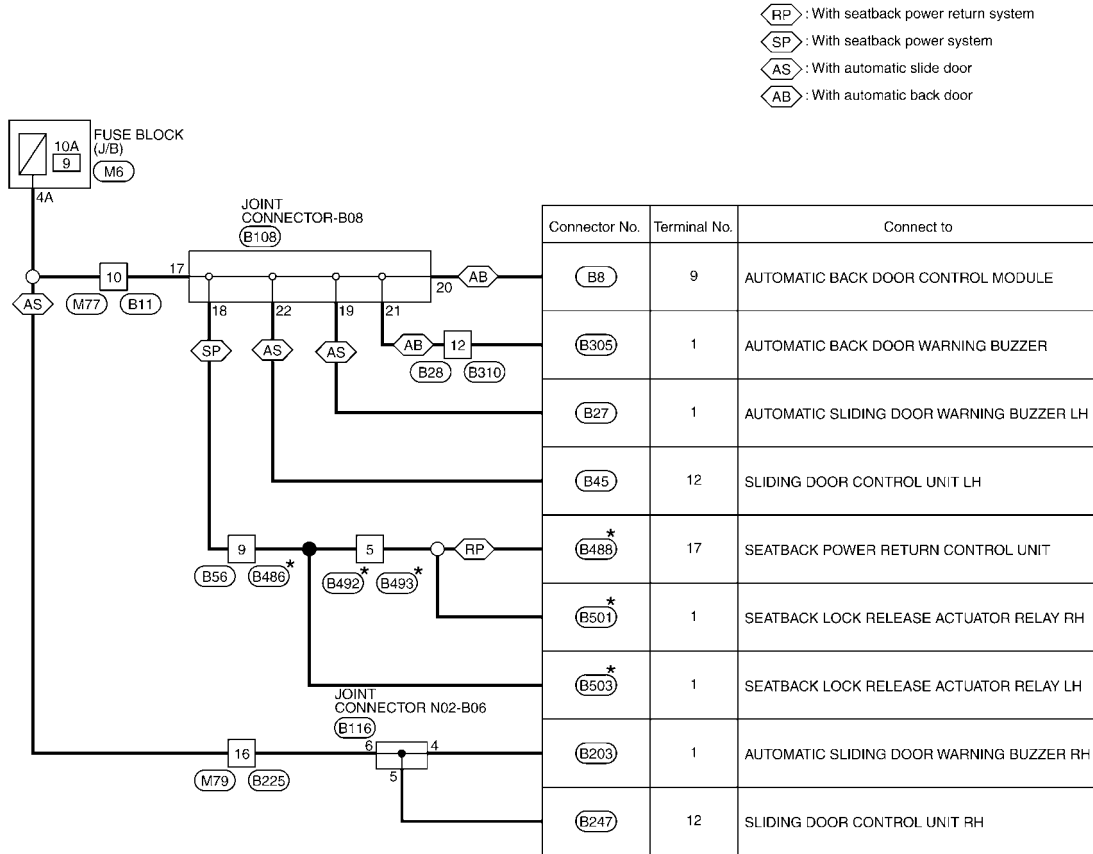
cardiagn.com

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405158



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

2015/09/04

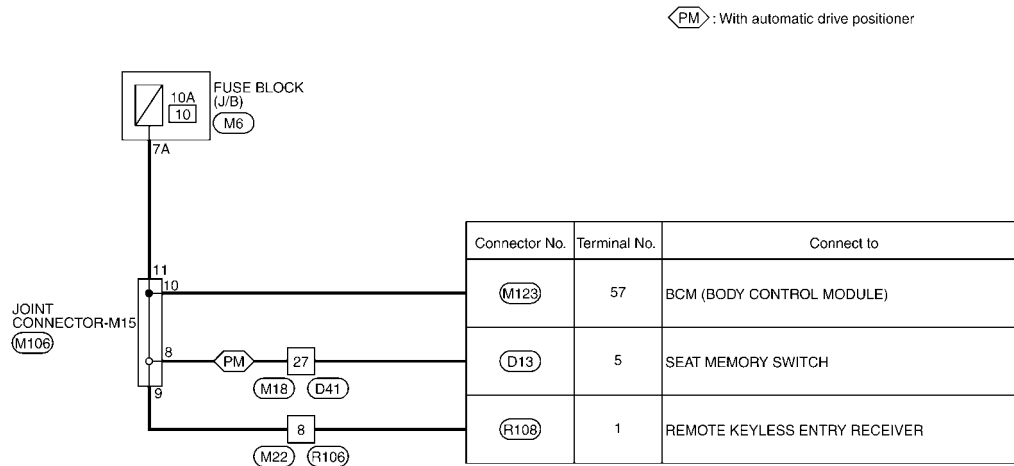
JRMWI7304GB

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

INFOID:0000000012405159

BATTERY POWER SUPPLY FUSE No. 10



2015/09/04

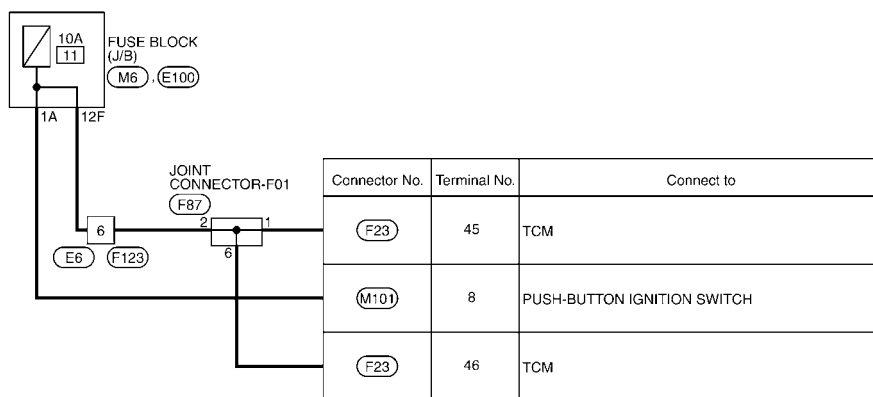
JRMWI7305GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405160



2015/09/04

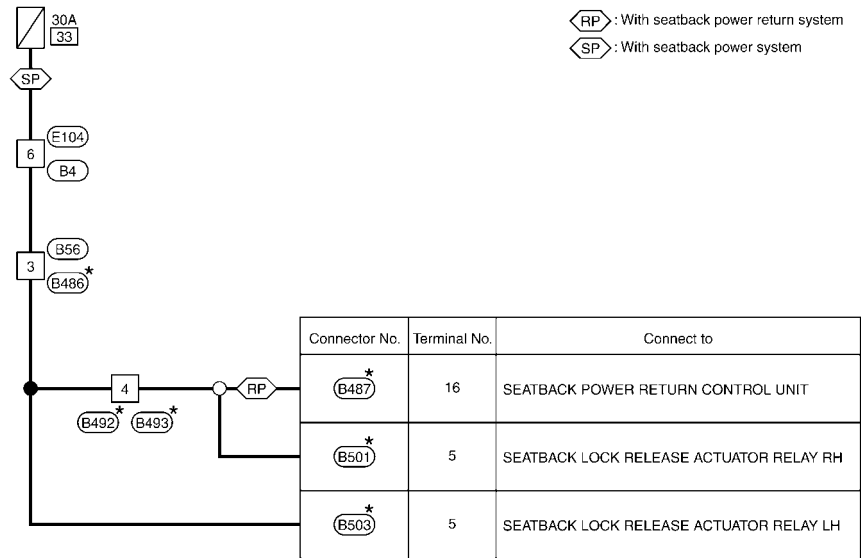
JRMW17306GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:0000000012405161



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

2015/09/04

JRMW17307GB

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PG

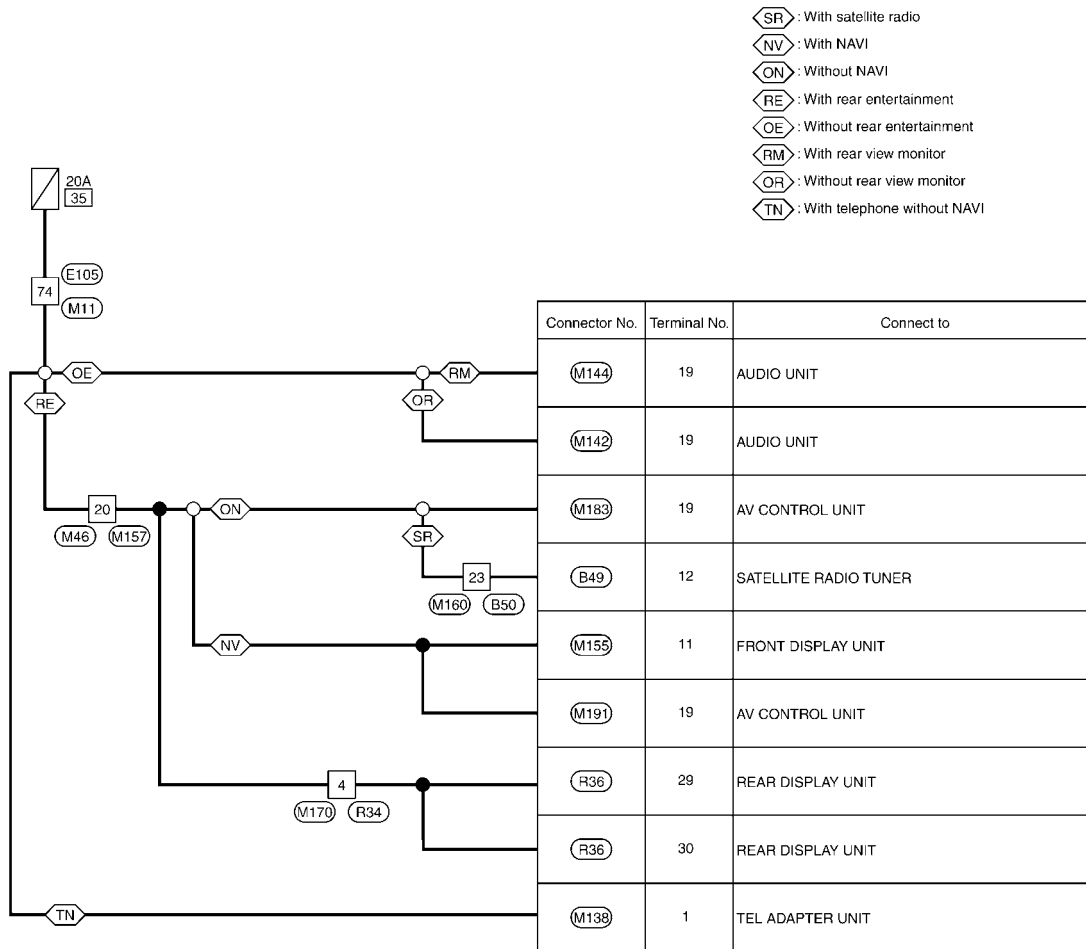
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 35 -

INFOID:000000012405162

BATTERY POWER SUPPLY FUSE No. 35



2014/07/25

JRMWG3352GB

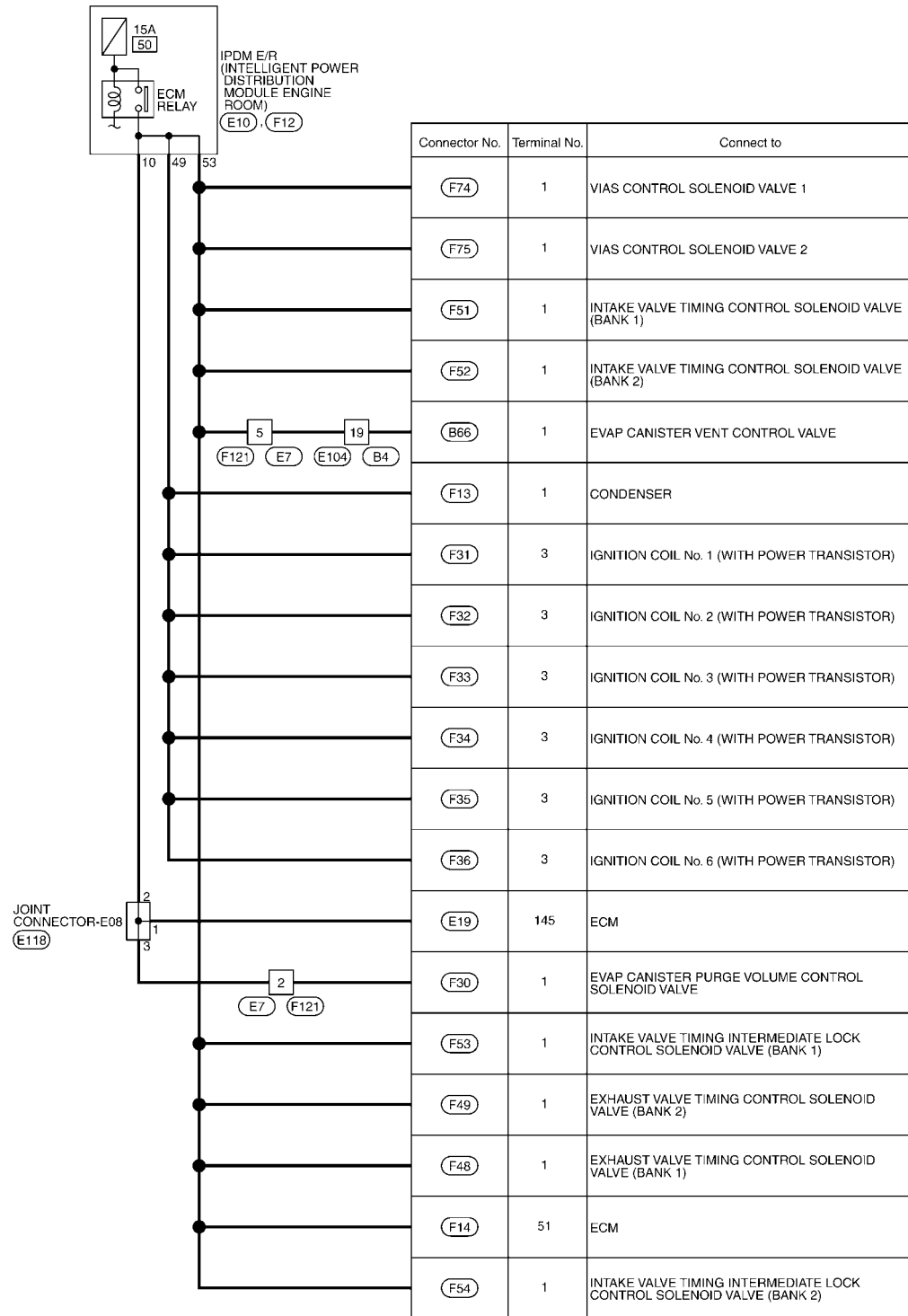
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000012405163

BATTERY POWER SUPPLY FUSE No. 50



2015/09/04

JRMW17308GB

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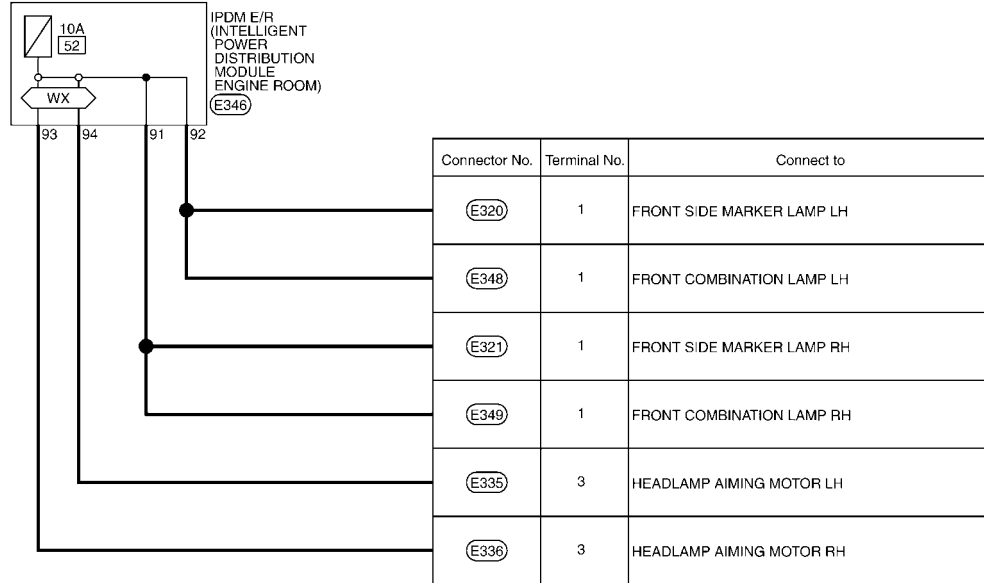
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405164

 : With xenon headlamp



2014/07/25

JRMWG3354GB

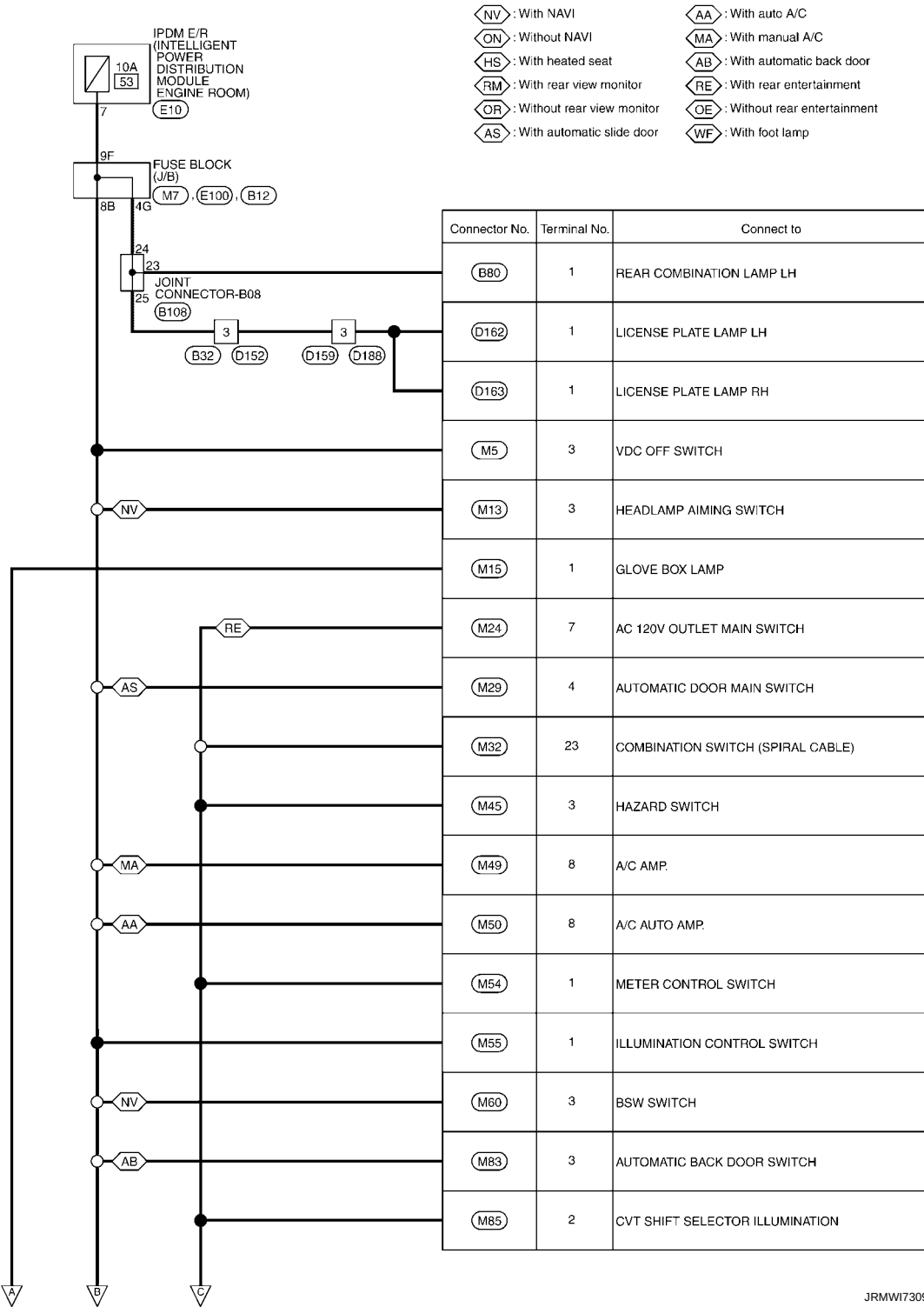
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

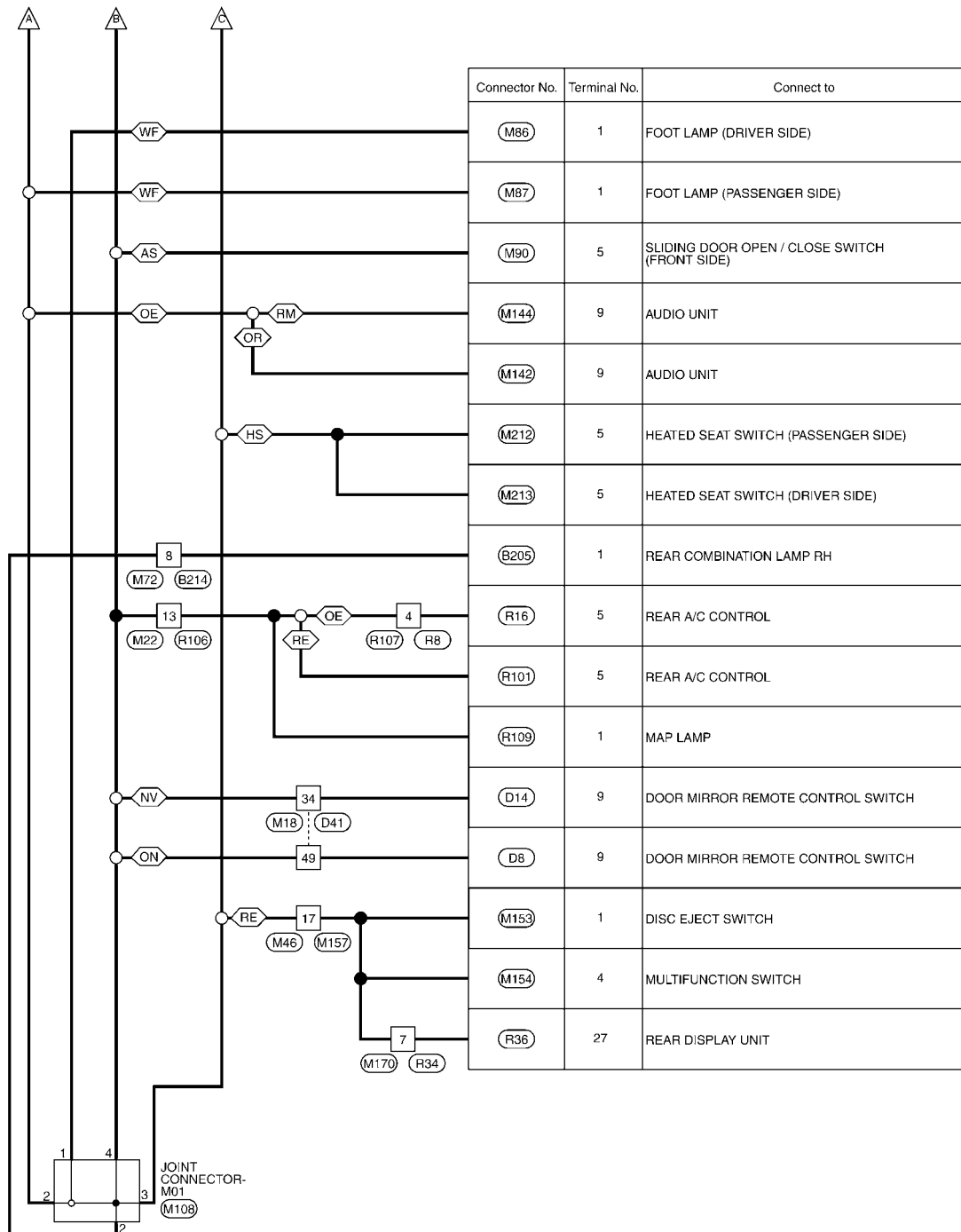
INFOID:000000012405165

BATTERY POWER SUPPLY FUSE No. 53



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



2015/09/04

JRMW17310GB

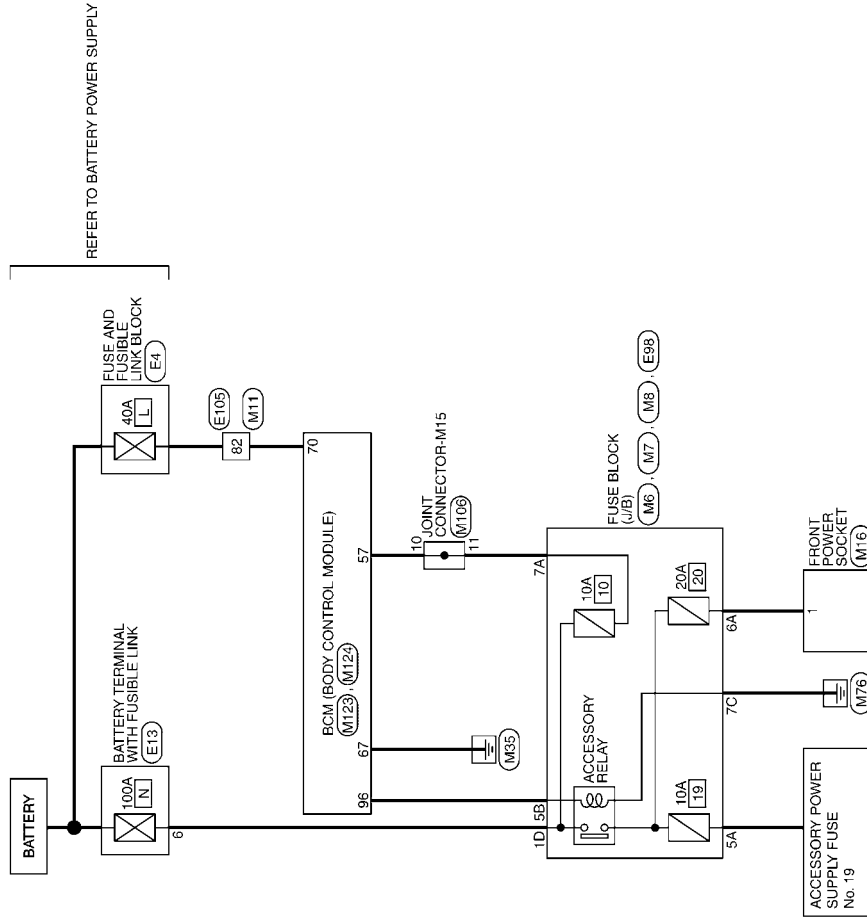
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000012405166

ACCESSORY POWER SUPPLY



2015/09/04

JRMW17311GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	149
Connector Name	SATELLITE RADIO TUNER
Connector Type	A15FW



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	R	SATELLITE RADIO SOUND SIGNAL RH (-)
4	G	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
8	B	REQUEST SIGNAL (SAT-<CONT)
9	W	COMMUNICATION SIGNAL (SAT-<CONT)
10	R	COMMUNICATION SIGNAL (CONT->SAT)
12	G	BATTERY POWER SUPPLY
15	B	GROUND
16	P	ACC POWER SUPPLY

Connector No.	158
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TC15FW



1	2	3	4	5	6	7
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Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	-
7	GR	-
8	B	-
9	R	-
10	G	-
12	W	-
13	G	-

14	GR	-
15	R	-
16	P	-

Connector No.	164
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24383_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	LG	-
W	BR	-

Connector No.	ET3
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD1FW-MC



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

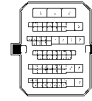
Connector No.	168
Connector Name	FUSE BLOCK (J/B)
Connector Type	LD1FW-MC



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

Connector No.	ET05
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-4510-M3



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	L	-

11	P	-
12	GR	-
13	Y	-
27	BR	-
32	BR	-
38	G	-
39	G	-
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	-
63	G	-
64	W/L	-
66	W	-
67	Y	-
69	R	-
71	R	-
72	GR	-
74	Y	-
75	SB	-
76	Y	-
77	G	-
78	O	-
80	R	-
81	L	-
82	LG	-
83	R	-

JRMW17312GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	M6
Connector Name	FUSE BLOCK (I/II)
Connector Type	CS267-W-M2



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

Connector No.	M7
Connector Name	FUSE BLOCK (I/II)
Connector Type	NS10FW-C5



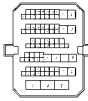
Terminal No.	Color Of Wire	Signal Name [Specification]
3B	V	-
4B	W	-
5B	BR	-
6B	O	-
8B	R/L	-
9B	GR	-

Connector No.	M8
Connector Name	FUSE BLOCK (I/II)
Connector Type	NS12FW-C5



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	TP170FW-C5D-M3



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

Terminal No.	Color Of Wire	Signal Name [Specification]
13	Y	- [With automatic drive positioner]
14	L	-
15	R	-
16	R	-
17	LG	-
18	BR	- [With automatic drive positioner]
19	W	- [Without automatic drive positioner]
20	R	-
21	BE	- [Without automatic drive positioner]
22	Y	- [With automatic drive positioner]
23	P	-
24	L	-
25	G	-
26	W	-
27	P	-
28	GR	-
29	W	-
30	GR	-
31	W	-
32	W	-
33	B	-
34	LG	-
35	L	-
36	SHIELD	-
37	R	-
38	W	-
39	B	-
40	W	-
41	W	-
42	W	-
43	BR	-
44	R	-
45	W	-
46	W	-
47	W	-
48	W	-
49	W	-
50	W	-
51	G	-
52	W	-
53	B	-
54	LG	-
55	L	-
56	SHIELD	-
57	R	-
58	W	-
59	R	-
60	L	-
61	L	-
62	LG	-
63	W	-
64	W	-
65	W	-
66	BR	-
67	R	-
68	W	-
69	L	-
70	L	-
71	LG	-
72	W	-
73	Y	-
74	V	-
75	V	-
76	V	-
77	P	-
78	BR	-
79	W	-
80	Y	-
81	W	-
82	L	-
83	R	-

Connector No.	M16
Connector Name	FRONT POWER SOCKET
Connector Type	PD2-B-Z



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

Connector No.	M49
Connector Name	A/C AMP
Connector Type	TH10FW-JH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	G	BATTERY POWER SUPPLY
3	G	IGNITION POWER SUPPLY
4	SB	DOOR MOTOR POWER SUPPLY
5	BR	LAN SIGNAL
6	R	REAR WINDOW DEFROSTER FB SIGNAL
7	P	ILLUMINATION POWER SUPPLY
8	P	A/C POWER SUPPLY
9	GR	FRONT BLOWER MOTOR CONTROL SIGNAL
10	W	FRONT BLOWER MOTOR CONTROL SIGNAL
11	BE	BLOWER FAN ON SIGNAL
12	BE	A/C ON SIGNAL
13	G	ENGINE COOLANT TEMPERATURE SIGNAL
14	G	GROUND
15	B	GROUND
16	B	REAR WINDOW DEFROSTER ON SIGNAL
17	BE	ILLUMINATION GROUND
18	GR	REAR BLOWER MOTOR CONTROL SIGNAL
19	R	COMM A/C AUTO AMP -RR A/C CONT
20	G	COMM RR A/C CONT ->A/C AUTO AMP
21	W	-

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	Connector Name	Signal Name [Specification]
37	BE	INTAKE SENSOR SIGNAL
40	G	SENSOR GROUND

Connector No.	Connector Name	Signal Name [Specification]
M55	A/C AUTO AMP.	
TH40FW-NH		

Terminal No.	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 DEFROGGER / 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	IGNITION OFF LOCK SIGNAL
17	GR	ENGINE COOLANT FAN ON SIGNAL
18	W	SUN GLASS SENSOR SIGNAL
19	P	FRONT IN-VEHICLE SENSOR SIGNAL
20	B	A/C AUTO AMP. CONNECTOR RECOMMENDATION
21	B	GROUND
23	B	VEHICLE SPEED SIGNAL
24	BE	REAR WINDOW DEFROGGER ON SIGNAL
27	BE	ILLUMINATION GROUND
28	GR	REAR BLOWER MOTOR CONTROL SIGNAL
30	R	COMMA (A/C AUTO AMP. - RR A/C CONT.)
32	G	COMMA (RR A/C CONT. -> A/C AUTO AMP.)
33	W	EXH GAS/OUTSIDE DOOR DETECTING SENSOR SIGNAL
36	R	INTAKE SENSOR SIGNAL
37	BE	REAR IN-VEHICLE SENSOR SIGNAL
38	GR	AMBIENT SENSOR SIGNAL
39	L	SENSOR GROUND
40	G	

Terminal No.	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 DEFROGGER / 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	IGNITION OFF LOCK SIGNAL
17	GR	ENGINE COOLANT FAN ON SIGNAL
18	W	SUN GLASS SENSOR SIGNAL
19	P	FRONT IN-VEHICLE SENSOR SIGNAL
20	B	A/C AUTO AMP. CONNECTOR RECOMMENDATION
21	B	GROUND
23	B	VEHICLE SPEED SIGNAL
24	BE	REAR WINDOW DEFROGGER ON SIGNAL
27	BE	ILLUMINATION GROUND
28	GR	REAR BLOWER MOTOR CONTROL SIGNAL
30	R	COMMA (A/C AUTO AMP. - RR A/C CONT.)
32	G	COMMA (RR A/C CONT. -> A/C AUTO AMP.)
33	W	EXH GAS/OUTSIDE DOOR DETECTING SENSOR SIGNAL
36	R	INTAKE SENSOR SIGNAL
37	BE	REAR IN-VEHICLE SENSOR SIGNAL
38	GR	AMBIENT SENSOR SIGNAL
39	L	SENSOR GROUND
40	G	

Connector No.	Connector Name	Signal Name [Specification]
M106	JOINT CONNECTOR-M15	
BUR5W		

Terminal No.	Wire	Signal Name [Specification]
1	B	
2	B	
3	B	
4	L	
5	L	
6	L	
8	GR	
9	Y	
10	Y	
11	Y	
12	R	
14	R	
15	R	
17	Y	
18	Y	
19	Y	
20	Y	
21	Y	
22	Y	
23	GR	
25	GR	
26	V	
27	V	
28	V	
29	SB	
30	BE	
31	SB	
32	SB	
33	BE	

Terminal No.	Wire	Signal Name [Specification]
1	B	
2	B	
3	B	
4	L	
5	L	
6	L	
8	GR	
9	Y	
10	Y	
11	Y	
12	R	
14	R	
15	R	
17	Y	
18	Y	
19	Y	
20	Y	
21	Y	[Without automatic drive position]
22	Y	[With automatic drive position]
23	GR	
25	GR	
26	V	
27	V	
28	V	
29	SB	
30	BE	
31	SB	
32	SB	
33	BE	

Connector No.	Connector Name	Signal Name [Specification]
M123	BCM (BODY CONTROL MODULE)	
TH40FW-H46-54		

Terminal No.	Wire	Signal Name [Specification]
56	P	INT ROOM LAMP PWR SW
57	Y	BAT
58	O	AIR BAG
59	SB	PASS DOOR UNLK. OUTPUT
60	V	TURN SIG LH OUTPUT
61	G	TURN SIG RH OUTPUT
62	W	STEER 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 SW (LON)
69	P	PW PWR SW (BAT)
70	L	BAT

Terminal No.	Wire	Signal Name [Specification]
56	P	INT ROOM LAMP PWR SW
57	Y	BAT
58	O	AIR BAG
59	SB	PASS DOOR UNLK. OUTPUT
60	V	TURN SIG LH OUTPUT
61	G	TURN SIG RH OUTPUT
62	W	STEER 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 SW (LON)
69	P	PW PWR SW (BAT)
70	L	BAT

Connector No.	Connector Name	Signal Name [Specification]
M124	BCM (BODY CONTROL MODULE)	
TH40FW-NH		

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

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

Terminal No.	Wire	Signal Name [Specification]
80	GR	PASS DOOR ANT
81	BE	PASS DOOR ANT
82	R	REAR BUMP ANT
83	R	REAR BUMP 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 SW
91	W	LOCK IND
92	B	PUSH-BTN IGN SW ILL GND
93	R	I-KEY WARN BUZZER
96	BE	ACC RELAY CONT OUTPUT
97	W	STARTER RELAY CONT
98	P	IGN RELAY (H/BA) CONT
99	G	IGN RELAY (F/B) CONT OUTPUT
100	R	PASS DOOR REQ SW
101	R	IGN PWR SW 2
102	P	P/A POSITION
104	L	CVT SHIFT SELECT PWR SW
105	R	STOP LAMP SW 2
106	O	BLW RELAY CONT OUTPUT
109	R	ACC IND

Connector No.	Connector Name	Signal Name [Specification]
M138	TEL ADAPTER UNIT	
TH23FW-NH		

Terminal No.	Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
2	GR	ACC POWER SUPPLY
3	G	IGNITION SIGNAL
4	GR	GROUND
7	B	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GROUND
9	B	SOUND SIGNAL (TEL VOICE GUIDANCE) (+)
10	W	SOUND SIGNAL (TEL VOICE GUIDANCE) (-)
20	GR	CONTROL SIGNAL

Terminal No.	Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
2	GR	ACC POWER SUPPLY
3	G	IGNITION SIGNAL
4	GR	GROUND
7	B	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GROUND
9	B	SOUND SIGNAL (TEL VOICE GUIDANCE) (+)
10	W	SOUND SIGNAL (TEL VOICE GUIDANCE) (-)
20	GR	CONTROL SIGNAL

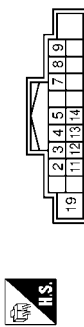
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

27	GR	CONTROL SIGNAL
28	BE	VEHICLE SPEED SIGNAL (B-PULSE)
29	W	W/CORPORATE VCC

Connector No.	M142
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CS2



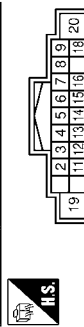
5	LG	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
6	G	STEERING SWITCH SIGNAL A
7	GR	ACC POWER SUPPLY
8	GR	ILLUMINATION CONTROL SIGNAL (-)
9	P	ILLUMINATION CONTROL SIGNAL (+)
10	B	SOUND SIGNAL FRONT SPEAKER RH (-)
11	L	SOUND SIGNAL FRONT SPEAKER RH (+)
12	L	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
13	P	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
15	GR	STEERING SWITCH SIGNAL B
16	P	VEHICLE SPEED SIGNAL (B-PULSE)
18	BE	VEHICLE SPEED SIGNAL (B-PULSE)
19	Y	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	M154
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH18FW-RH



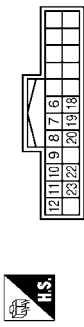
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	W	ACC
3	V	ILL CONT
4	GR	ILL CONT
5	GR	AV COMA (L)
6	SB	AV COMA (L)
8	LG	AV COMA (L)

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



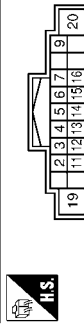
Terminal No.	Color Of Wire	Signal Name [Specification]
2	Y	SOUND SIGNAL FRONT SPEAKER LH (+)
3	B	SOUND SIGNAL FRONT SPEAKER LH (-)
4	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)

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



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

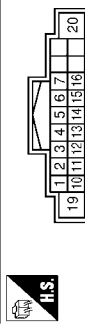
Connector No.	M183
Connector Name	AV CONTROL UNIT
Connector Type	NH48FW-CS2



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	SOUND SIGNAL FRONT SPEAKER LH (+)
3	Y	SOUND SIGNAL FRONT SPEAKER LH (-)
4	V	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
5	L	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
6	BE	STEERING SWITCH SIGNAL A
7	O	ACC POWER SUPPLY
9	BE	DIMMER SIGNAL
11	L	SOUND SIGNAL FRONT SPEAKER RH (+)

12	B	SOUND SIGNAL FRONT SPEAKER RH (-)
13	BE	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	SB	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
15	P	STEERING SWITCH SIGNAL B
16	P	STEERING SWITCH SIGNAL B
19	SB	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	M191
Connector Name	AV CONTROL UNIT
Connector Type	NH18FW-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 LH (-)
4	B	SOUND SIGNAL REAR LH (-)
5	W	SOUND SIGNAL REAR LH (+)
6	BE	STEERING SWITCH SIGNAL A
7	O	ACC POWER SUPPLY
10	GR	STEERING SWITCH SIGNAL B
11	W	SOUND SIGNAL FRONT RH (+)
12	B	SOUND SIGNAL FRONT RH (-)
13	BE	SOUND SIGNAL REAR RH (-)
14	V	SOUND SIGNAL REAR RH (+)
15	W	STEERING SWITCH SIGNAL B
16	P	STEERING SWITCH SIGNAL B
19	SB	BATTERY POWER SUPPLY
20	B	GROUND

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

Connector No.	135
Connector Name	REAR DISPLAY UNIT
Connector Type	1P25FW-14



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W/R	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 GROUND
19	SHIELD	SHIELD
19	W	AV COMMUNICATION SIGNAL (L)
20	Y	AV COMMUNICATION SIGNAL (L)
21	B	AV COMMUNICATION SIGNAL (H)
22	BR	AV COMMUNICATION SIGNAL (H)
26	LG	ILLUMINATION SIGNAL
27	B	ILLUMINATION SIGNAL
28	GR	BATTERY POWER SUPPLY
29	GR	BATTERY POWER SUPPLY
31	B	GROUND
32	B	GROUND

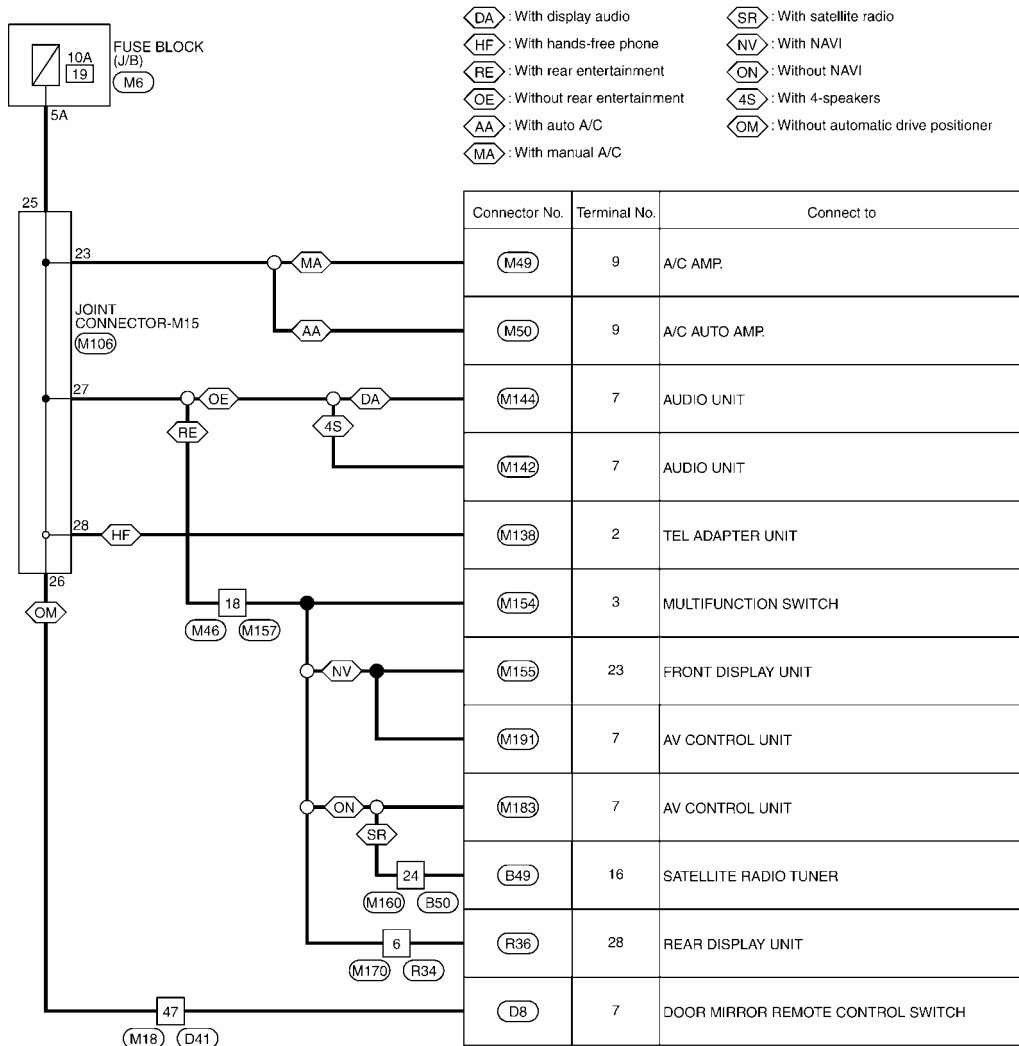
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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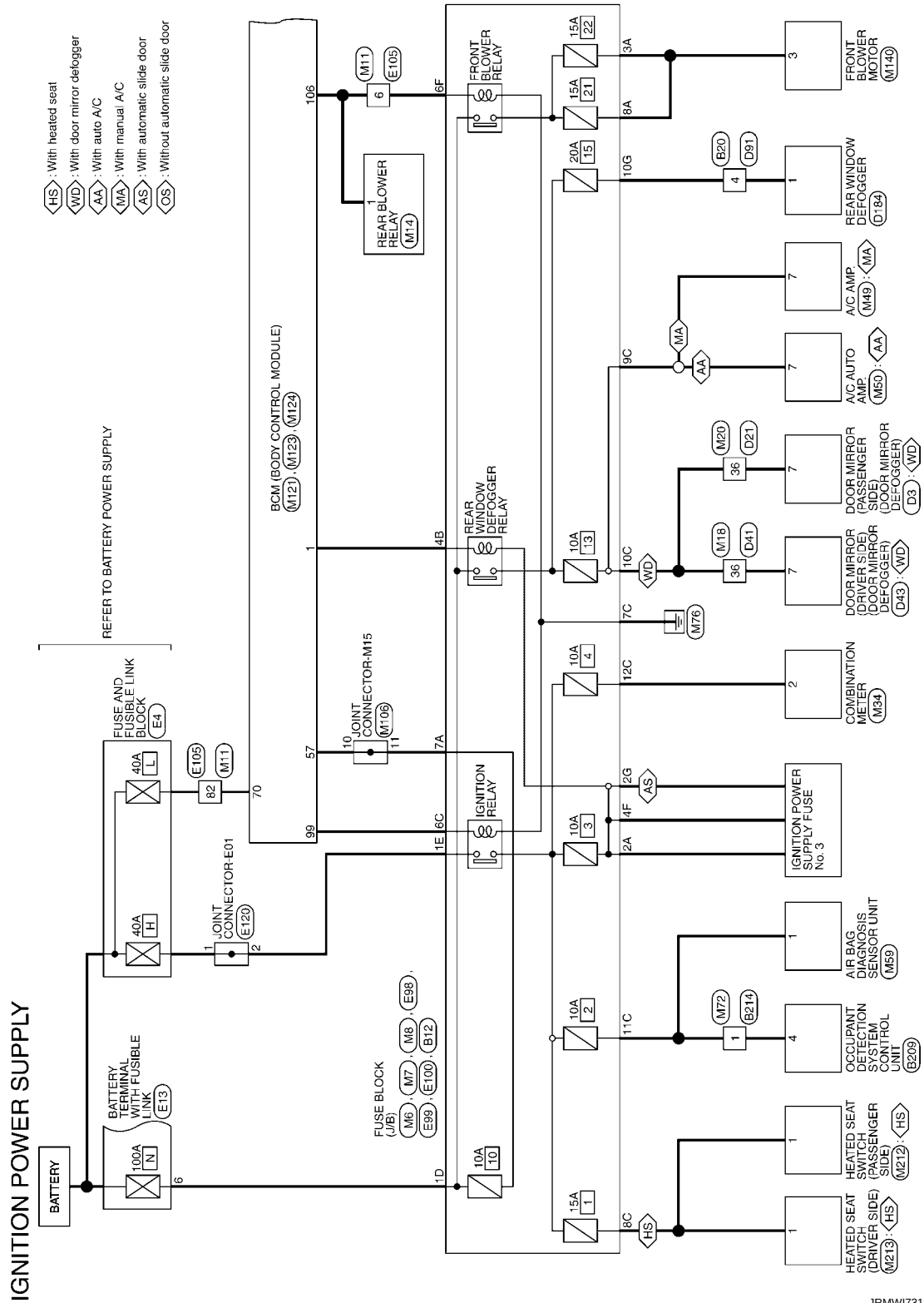
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POWER SUPPLY ROUTING CIRCUIT

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Wiring Diagram - IGNITION POWER SUPPLY -

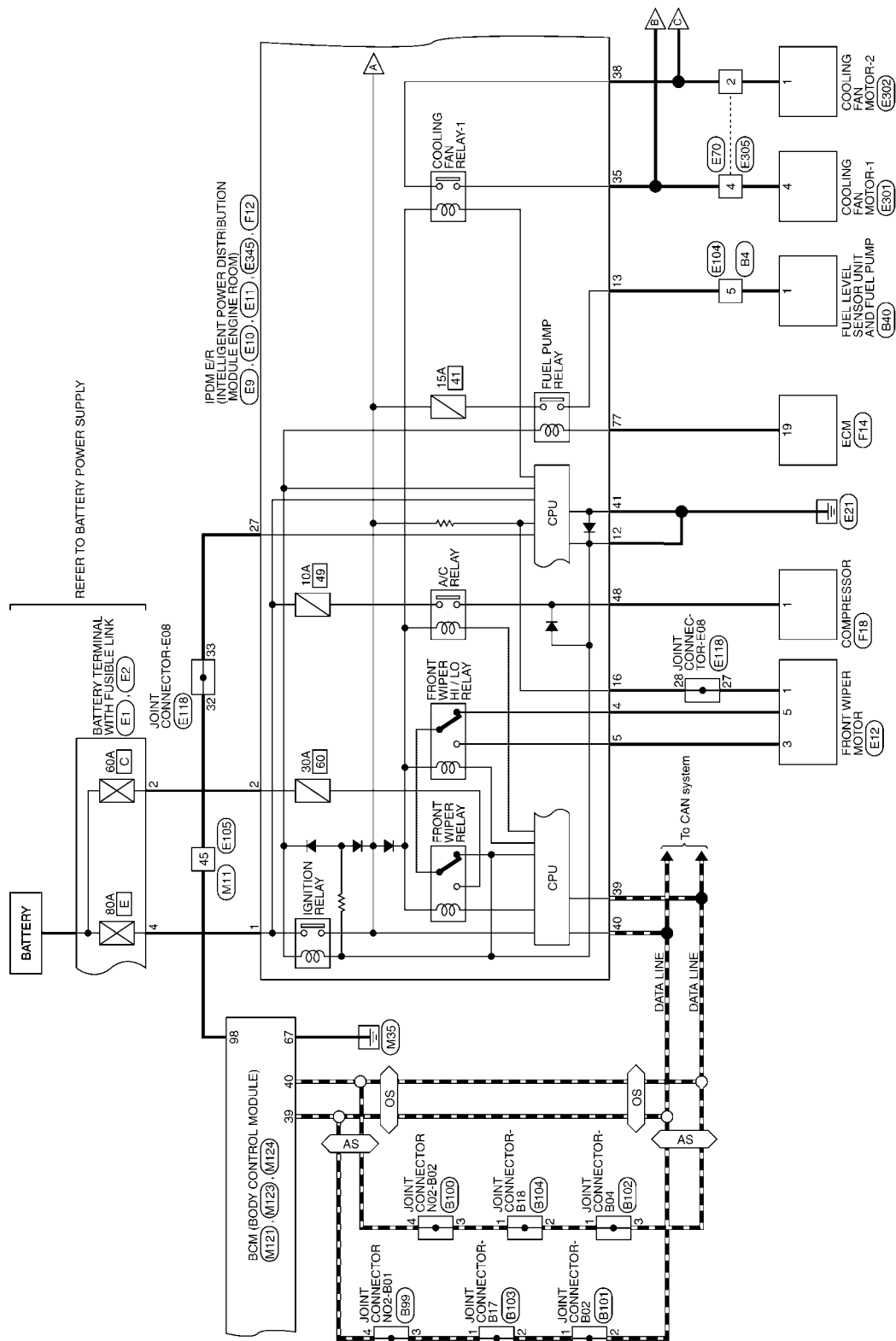
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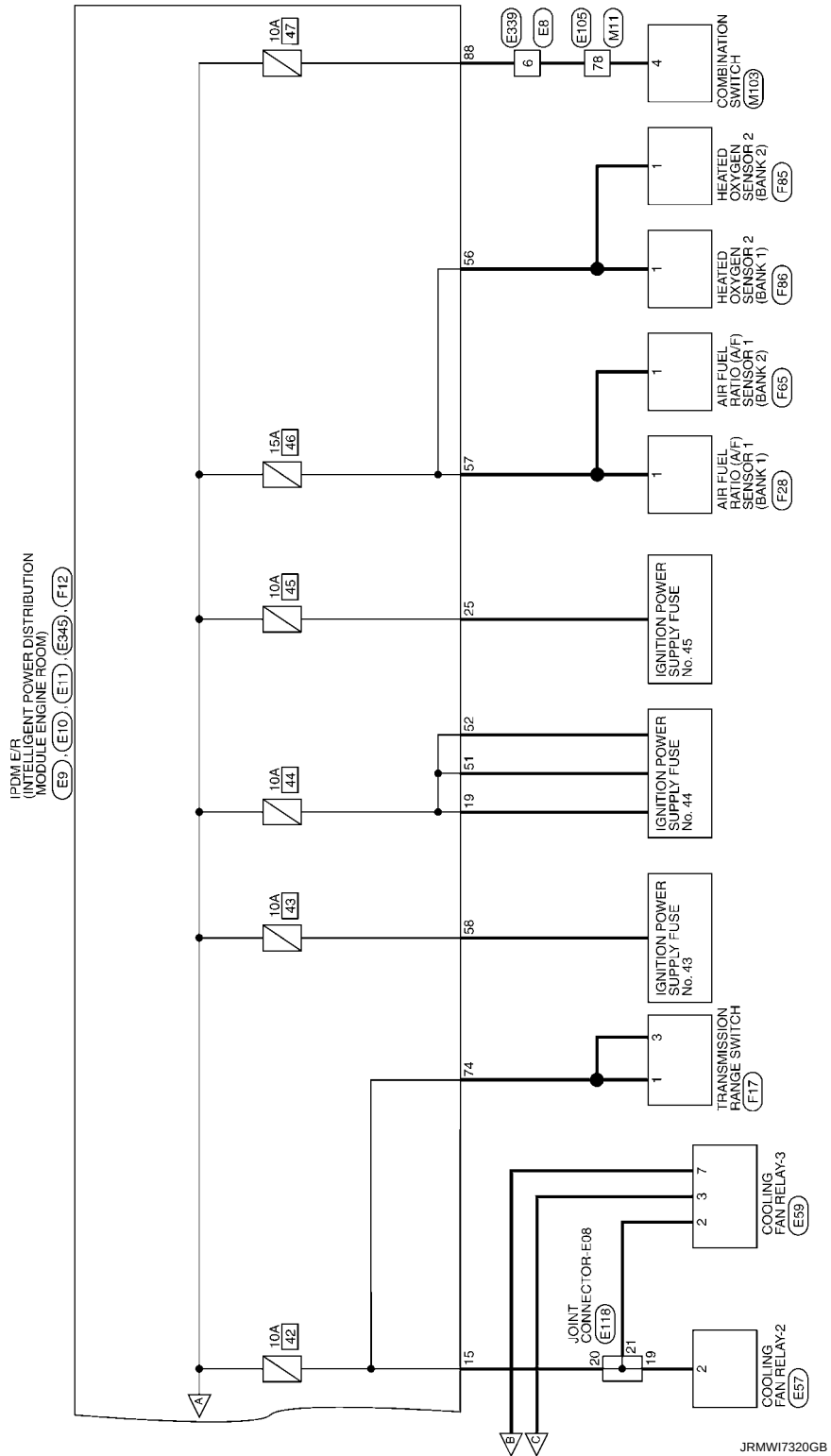
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	14
Connector Name	WIRE TO WIRE
Connector Type	W42DMW/CS10



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

Connector No.	148
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH230PW-TB5



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

Terminal No.	Color Of Wire	Signal Name (Specification)
1	SB	-4B
2	BR	LATCH WTR CLOSE
3	L	LATCH WTR OPEN
4	P	INSIDE CLOSE SW
5	W	BUZZER
6	B	NAM-FLNC-HIG
7	P	-4B
8	B	GROUND
9	GR	-4B
10	L	GROUND
11	B	TOUCH SENS IH
12	W	TOUCH SENS CHD
13	P	TOUCH SENS LH
14	GR	DRIVERSW
15	L	MAINSW
16	G	CLOSE SW
17	R	HANDSW
18	G	OPEN SW
19	P	CAN-H
20	L	CAN-H

Connector No.	412
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS2278B-CS



5G	4G			2G	
12G			10G		

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Terminal No.	Color Of Wire	Signal Name [Specification]
19	G	DRIVER SW
21	W	IGNITION
22	B	IGNITION
23	G	SW GND
24	L	IGNITION
26	L	IGNITION
27	B	IGNITION
28	GR	IGNITION

Connector No.	Connector Name	Connector Type
B57	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B59	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B100	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B101	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B102	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B103	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B104	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



1 2 3 4 5 6

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

Connector No.	Connector Name	Connector Type
B105	IGNITION POWER SUPPLY	IGNITION POWER SUPPLY



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

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	B	-
3	B	-
4	GR	-
5	GR	-
6	GR	-
7	G	-
8	G	-
9	G	-
10	P	-
11	P	-
12	P	-

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E108
Connector Name	JOINT CONNECTOR-B08
Connector Type	B33C6W

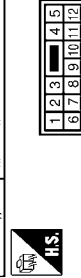


Terminal No.	Color Of Wire	Signal Name [Specification]
3	BR	-
4	BR	-
5	G	-
6	G	-
13	V	-
14	V	-
15	V	-
17	GR	-
18	GR	-
19	GR	-
20	GR	-
21	GR	-
22	GR	-
23	P	-
24	P	-
25	P	-
26	P	-
27	P	-
28	W	-
30	W	-
31	W	-
32	W	-

Connector No.	E209
Connector Name	OCCURANT DETECTION SYSTEM CONTROL UNIT
Connector Type	TH242PW-4M

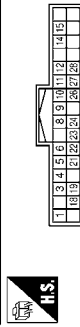


Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	I-LINE
2	GR	GROUND
3	BR	COMMUNICATION
4	SE	IGN



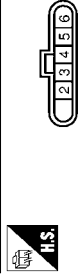
Terminal No.	Color Of Wire	Signal Name [Specification]
1	SB	-
2	L	-
4	BR	-
5	Y	-
6	V	-
7	W	-
8	R	-
9	LG	-
10	Y	-
11	G	-
12	SB	-

Connector No.	E247
Connector Name	SLIDING DOOR CONTROL UNIT RH
Connector Type	TH232PW-4M



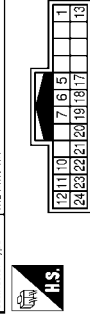
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
3	P	KNOR LOCK
4	R	A-SIGN
5	G	HALF LATCH
6	L	IGN
8	P	BUZZER
9	B	CAN-L
10	W	CAN-H
11	G	ENCODER POWER
12	Y	ELEC B
14	GR	ONETOUCH OPER SW
15	R	NEUTRAL SW
18	W	FULL SW
19	G	DRIVER SW
21	P	S-SIGN
22	W	PANDLE
23	G	TOYOTA
24	GR	ENCODER GND
27	GR	GED LOGIC
28	GR	RF CODE SW

Connector No.	E817
Connector Name	SIDE PADAR RH
Connector Type	HA-C05P8-WP-5P



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

Connector No.	ID3
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH-24MW-NM



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

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



Terminal No.	Color Of Wire	Signal Name [Specification]
7	B	-
8	V	-
9	BR	- [With manual A/C]
9	W	- [With auto A/C]
10	LG	-
11	LG	-
12	BR	-
14	B	- [Without BOSE system]
14	R	- [With BOSE system]
15	L	- [Without BOSE system]
15	W	- [With BOSE system]
16	GR	-
17	GR	-
18	W	-
19	W	-
20	W	-
21	B	-
22	B	-
23	W	-
24	SHIELD	-
25	V	-
26	L	-
36	P	-
37	G	-
38	W	-
39	LG	-
40	B	-
41	GR	-
42	G	-
43	R	-
45	G	-
46	GR	-
50	W	-
51	R	-

52	G	-
53	SHIELD	-
54	B	-
55	W	-

Connector No.	Q41
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	V	-
3	5B	-
4	Y	-
5	BR	-
6	L	-
7	Y	-
8	GR	-
9	G	- [With manual A/C]
9	X	- [With auto A/C]
10	X	-
11	BR	-
12	LG	-
13	W	-
14	B	-
15	L	-
15	W	- [Without BOSE system]
15	W	- [With BOSE system]
16	G	-
17	R	-
18	G	-
19	P	-
20	W	-
21	GR	-
22	P	-
23	R	-
24	B	-
25	W	-
26	SHIELD	-
27	R	-
28	P	-

29	GR	-
30	W	-
31	W	-
32	G	-
33	P	-
34	W	-
35	W	-
36	P	-
37	G	-
38	W	-
39	LG	-
40	GR	-
41	GR	-
42	G	-
43	R	-
44	B	-
45	Y	- [Without around view monitor]
45	Y	- [With around view monitor]
46	GR	-
47	GR	-
48	B	-
49	R	-
50	G	- [With automatic drive positioner]
50	W	- [Without automatic drive positioner]
51	P	- [With automatic drive positioner]
51	R	- [Without automatic drive positioner]
52	G	-
53	SHIELD	-
54	B	-
55	W	-

Connector No.	Q43
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH24MW-NH



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

Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	TH50FW-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	- [With automatic back door]
1	W	- [Without automatic back door]
2	B	-
3	B/W	- [Without automatic back door]
3	V	- [With automatic back door]
4	Y	-
5	R	-
6	B	-

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IGNITION POWER SUPPLY

Connector No.	D184
Connector Name	REAR WINDOW DEFOGGER
Connector Type	P01FB-A



Connector No.	E4
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381 7990A



F	G	H	I
30 A	20 A	40 A	

J	K	L	M
40 A	40 A	60 A	40 A

35	36	37	38
20 A		15 A	10 A

31	32	33	34
		30 A	20 A

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

Connector No.	F1
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LQ3FGY-MC



3	4	□
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Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	-
4	B	

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	102PERS-MC-R



12

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

6	G	.
7	G	.
8	Y	.
9	SB	.
10	GR	.
11	L	.
12	R	.

Connector No.	E9
Connector Name	IPDA LK INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	102FB-MC



Temporal	Coor Of	Signal Name [Specification]
No.	Wine	
33	LG	-
34	L	-
35	Y	-
37	5S	-
38	W	-
F	G	-
G	R	-
H	G	-
J	R	-
K	Y	-
L	L	-
44	LG	-
45	5S	-

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	WIRE TO WIRE



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

12	B	+
13	G	+
15	L	+
46	K	+
18	P	+
19	V	+
20	W	+
21	O	+
22	S8	+
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	100W 4PIN INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-NH



42	41	40	39
46	45	44	43

Terminal No.	Color Of Wire	Signal Name (Specification)
39	P	+
40	L	-
41	B	+
42	SB	+
43	LG	-
44	W	+
45	Y	-
46	G	-

Terminal No.	Color Of Wire	Signal Name [Specification]
4	LG	.
5	Y	.
7	BR	.
10	B	

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E12
Connector Name	FRONT WIPER MOTOR
Connector Type	40255G1



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

Connector No.	E13
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	1031E-MC



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

Connector No.	E19
Connector Name	ECM
Connector Type	8H-241F8-028-L-14



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	ASC-2 STEERING SWITCH
135	BR	SENSOR GROUND
139	S/B	STOP LAMP SWITCH
140	BR	BRAKE PEDAL POSITION SWITCH
141	V	EVAP CANISTER VENT CONTROL VALVE
142	GR	SENSOR POWER SUPPLY
143	O	ACCELERATOR PEDAL POSITION SENSOR 2
144	G	SENSOR GROUND
145	L	POWER SUPPLY FOR ECM
146	P	SENSOR POWER SUPPLY
147	B	ECM GROUND
148	V	SENSOR GROUND
149	B	ECM GROUND
150	W	ACCELERATOR PEDAL POSITION SENSOR 1
151	B	SENSOR GROUND
152	B	ECM GROUND

Connector No.	E14
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	1E401F8-FH42-LC



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

Connector No.	E16
Connector Name	ABS ALARM AND ELECTRIC LOCK CONTROL UNIT
Connector Type	1E227F8-A124-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	VALVE BATTERY
2	Y	BR LH WHEEL SENSOR POWER SUPPLY
3	L	BR LH 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	FR RH WHEEL SENSOR POWER SUPPLY
12	P	FR RH WHEEL SENSOR SIGNAL
13	B	GROUND
14	G	MOTOR BATTERY
16	S/B	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.	E17
Connector Name	COOLING FAN RELAY-2
Connector Type	MO5E8B-B-LC



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

Connector No.	E19
Connector Name	COOLING FAN RELAY-3
Connector Type	MO5E8B-B-LC



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	E170
Connector Name	WIRE TO WIRE
Connector Type	MS62PW-LC



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

Connector No.	E198
Connector Name	FUSE BLOCK (I/II)
Connector Type	LD1PW-MC



Connector No.	E199
Connector Name	FUSE BLOCK (I/II)
Connector Type	MS2PB-LC



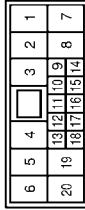
Terminal No.	Color Of Wire	Signal Name [Specification]
1E	G	-

Connector No.	E1D0
Connector Name	FUSE BLOCK (I/II)
Connector Type	MS18PW-CS



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

Connector No.	E1E4
Connector Name	WIRE TO WIRE
Connector Type	MS10PW-CS10



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

Connector No.	E1E5
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CS10-M3



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

POWER SUPPLY ROUTING CIRCUIT

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IGNITION POWER SUPPLY

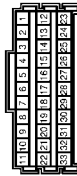
80	R	-
81	LG	-
82	R	-

Connector No.	E109
Connector Name	FRAME PEDAL POSITION SWITCH
Connector Type	M027BR-1C



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

Connector No.	E118
Connector Name	JOINT CONNECTOR-108
Connector Type	B336W



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	L	-
3	L	-
6	Y	-
7	Y	-
8	Y	-
9	Y	-
10	Y	-
11	Y	-
12	R	-
13	R	-
14	R	-

15	V	-
16	V	-
17	V	-
18	L	-
19	L	-
20	L	-
21	L	-
23	SB	-
24	SB	-
25	BR	-
26	BR	-
27	R	-
28	R	-
29	B/Y	-
30	B/Y	-
32	P	-
33	P	-

Connector No.	E119
Connector Name	JOINT CONNECTOR-ED5
Connector Type	B130FW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GB	-
3	GB	-
4	GR	-
5	GR	-
19	SB	-
20	SB	-
21	SB	-
23	W	-
24	W	-
25	O	-
26	O	-
29	Y	-
30	Y	-
32	BR	-
33	BR	-

Connector No.	E120
Connector Name	JOINT CONNECTOR-E01
Connector Type	M06FW-1



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

Connector No.	E301
Connector Name	COOLING FAN MOTOR-1
Connector Type	PRG4GY-PR



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

Connector No.	E302
Connector Name	COOLING FAN MOTOR-2
Connector Type	PRG4GY-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	W06FW-LC



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

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POWER SUPPLY ROUTING CIRCUIT

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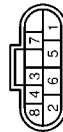
IGNITION POWER SUPPLY

Connector No.	F15
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	YD006B-H54



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
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	RK03FB



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	B	-
2	BR	-
3	Y	-

Connector No.	F23
Connector Name	TCM
Connector Type	RH40FB-128 L-1H



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	P	CAN-L
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	U/V	SELECT SOLENOID VALVE
38	V/W	TORQUE CONVERTER SOLENOID VALVE
39	N/R	SECONDARY PRESSURE SOLENOID VALVE
40	R/R	PRIMARY PRESSURE SOLENOID VALVE
41	B	GROUND
42	B	GROUND
45	LG	BATTERY POWER SUPPLY
46	LG	BATTERY POWER SUPPLY
47	V	IGNITION POWER SUPPLY
48	V	IGNITION POWER SUPPLY

Connector No.	F28
Connector Name	AIR FUEL RATIO (AF) SENSOR 1 (BANK 1)
Connector Type	RH04FC0-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	HS02FG



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

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POWER SUPPLY ROUTING CIRCUIT

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IGNITION POWER SUPPLY

Connector No.	F38
Connector Name	FUEL INJECTOR No. 2
Connector Type	H502FGY



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	H502FGY



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

Connector No.	F40
Connector Name	FUEL INJECTOR No. 4
Connector Type	H502FGY



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	H502FGY



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

Connector No.	F42
Connector Name	FUEL INJECTOR No. 6
Connector Type	H502FGY



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

Connector No.	F65
Connector Name	AIR FUEL RATIO (AF) SENSOR 1 (BANK 1)
Connector Type	RH04FDCY-P



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

Connector No.	F85
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	RH04FDCY-P



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

Connector No.	F86
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	RH04FDCY-P



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

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POWER SUPPLY ROUTING CIRCUIT

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IGNITION POWER SUPPLY

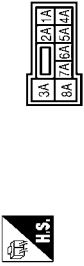
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Connector Name	JOINT CONNECTOR-F02
Connector Type	3K-20F8



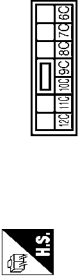
Connector No.	F92
Connector Name	JOINT CONNECTOR-F07
Connector Type	TK04FW-J



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



Connector No.	M8
Connector Name	FUSE BLOCK (J/B)
Connector Type	ML13FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
3	Y	-
4	Y	-
5	Y	-
8	Y	-
9	Y	-
10	Y	-

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

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

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

Connector No.	F91
Connector Name	JOINT CONNECTOR-F08
Connector Type	TK04FW-J



Connector No.	M6
Connector Name	DATA LINK CONNECTOR
Connector Type	BD13FW



Connector No.	M7
Connector Name	FUSE BLOCK (J/B)
Connector Type	ML13FW-CS



Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TK12FW-SS10-M3



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

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	-

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

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

13	Y	-	[With automatic drive positioner]
14	L	-	-
15	B	-	-
16	R	-	-
17	LG	-	-
18	BE	-	[With automatic drive positioner]
19	W	-	[Without automatic drive positioner]
20	BE	-	[With automatic drive positioner]
21	Y	-	-
22	P	-	-
23	L	-	-
24	G	-	-
25	LG	-	-
26	W	-	-
27	BE	-	-
28	V	-	-
29	R	-	-
30	G	-	-
31	L	-	-
32	W	-	-
33	B	-	-
34	LG	-	-
35	L	-	-
36	SHIELD	-	-
37	R	-	-
38	W	-	-
39	B	-	-
40	W	-	-
41	LG	-	-
42	G	-	-
43	W	-	-
44	P	-	-
45	V	-	-
46	R	-	-
47	G	-	-
48	L	-	-
49	G	-	-
50	W	-	-
51	L	-	-
52	W	-	-
53	B	-	-
54	LG	-	-
55	L	-	-
56	SHIELD	-	-
57	R	-	-
58	W	-	-
59	B	-	-
60	W	-	-
61	LG	-	-
62	L	-	-
63	G	-	-
64	W	-	-
65	W	-	-
66	BE	-	-
67	R	-	-
68	W	-	-
69	B	-	-
70	LG	-	-
71	L	-	-
72	W	-	-
73	Y	-	-
74	V	-	-
75	P	-	-
76	W	-	-
77	BE	-	-
78	W	-	-
79	LG	-	-
80	L	-	-
81	W	-	-
82	B	-	-
83	R	-	-

Connector No.	M14
Connector Name	REAR BLOWER RELAY
Connector Type	MOSE-BR-ALC



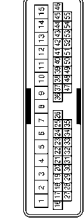
Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	-
2	B	-
3	R	-
4	G	-
5	L	-
6	L	-
7	Y	-

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH-40MM-CS15



Terminal No.	Color Of Wire	Signal Name (Specification)
1	B	-
2	R	-
3	W	-
4	Y	-
5	SB	-
6	LG	-
7	V	-
8	L	-
9	GR	-
10	Y	-
11	V	-
12	G	-
13	G	-
14	B	-

Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	TH-40MM-CS15



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

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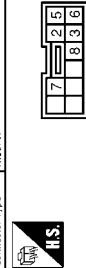
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

35	B	-
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Connector No.	M24
Connector Name	AC 120V OUTLET MAIN SWITCH
Connector Type	TH08PW-4H



Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	-
2	G	-
3	P	-
5	BR	-
6	B	-
7	P	-
8	B	-

Connector No.	M30
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08PW-4H



Terminal No.	Color Of Wire	Signal Name (Specification)
1	GR	-
2	P	-
4	G	-
5	L	-

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH08PW-4H



Terminal No.	Color Of Wire	Signal Name (Specification)
1	O	BATTERY POWER SUPPLY (With automatic drive position)
2	P	BATTERY POWER SUPPLY (Without automatic drive position)
3	G	IGNITION SIGNAL (With automatic drive position)
4	Y	IGNITION SIGNAL (Without automatic drive position)
5	B	GROUND
6	B	GROUND
7	B/P	ILLUMINATION CONTROL SIGNAL (With automatic drive position)
8	G	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
9	S/B	TRIP RESET SWITCH SIGNAL (With automatic drive position)
10	P	METER CONTROL SWITCH GROUND
11	G	ENTER SWITCH SIGNAL
12	BR	SELECT SWITCH SIGNAL (With automatic drive position)
13	R	SELECT SWITCH SIGNAL (Without automatic drive position)
14	Y	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
15	G	TRIP RESET SWITCH SIGNAL (With automatic drive position)
16	V	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
17	BR	TRIP RESET SWITCH SIGNAL (With automatic drive position)
18	L	ENGINE COOLANT TEMPERATURE SIGNAL
19	LG	AMBIENT SENSOR SIGNAL (Without automatic drive position)
20	R	A/C AUTO AMP. CONVECTION RECONSTRUCTION SIGNAL
21	G	AMBIENT SENSOR GROUND (Without automatic drive position)
22	Y	AMBIENT SENSOR GROUND (With automatic drive position)
23	L	CAN-H
24	B	CAN-L
25	B	GROUND
26	BR	FUEL LEVEL SENSOR GROUND
27	W	ALTERNATOR SIGNAL (With automatic drive position)
28	BR	ALTERNATOR SIGNAL (Without automatic drive position)
29	Y	PARKING BRAKE SWITCH SIGNAL
30	V	WASHER FLUID LEVEL SWITCH SIGNAL (With automatic drive position)
31	V	WASHER FLUID LEVEL SWITCH SIGNAL (Without automatic drive position)
32	V	SECURITY SIGNAL
33	G	WASHER FLUID LEVEL SWITCH SIGNAL

31	S/B	VEHICLE SPEED SIGNAL (B/D USE)
32	O	OVERSPEED SIGNAL
33	O	FUEL LEVEL SENSOR SIGNAL
34	BR	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
35	P	TRIP RESET SWITCH SIGNAL (With automatic drive position)
36	BR	PASSENGER SEAT BELT WARNING SIGNAL

Connector No.	M49
Connector Name	A/C AMP.
Connector Type	TH08PW-4H



Terminal No.	Color Of Wire	Signal Name (Specification)
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
4	S/B	DOOR MOTOR POWER SUPPLY
5	BR	LAN SIGNAL
7	R	REAR WINDOW DEFROSTER F/B SIGNAL
8	G	ILLUMINATION POWER SUPPLY
9	GR	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
10	Y	TRIP RESET SWITCH SIGNAL (With automatic drive position)
11	G	ENTER SWITCH SIGNAL
12	BR	SELECT SWITCH SIGNAL (With automatic drive position)
13	R	SELECT SWITCH SIGNAL (Without automatic drive position)
14	Y	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
15	G	TRIP RESET SWITCH SIGNAL (With automatic drive position)
16	V	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
17	BR	TRIP RESET SWITCH SIGNAL (With automatic drive position)
18	L	ENGINE COOLANT TEMPERATURE SIGNAL
19	LG	AMBIENT SENSOR SIGNAL (Without automatic drive position)
20	R	A/C AUTO AMP. CONVECTION RECONSTRUCTION SIGNAL
21	G	AMBIENT SENSOR GROUND (Without automatic drive position)
22	Y	AMBIENT SENSOR GROUND (With automatic drive position)
23	L	CAN-H
24	B	CAN-L
25	B	GROUND
26	BR	FUEL LEVEL SENSOR GROUND
27	W	ALTERNATOR SIGNAL (With automatic drive position)
28	BR	ALTERNATOR SIGNAL (Without automatic drive position)
29	Y	PARKING BRAKE SWITCH SIGNAL
30	V	WASHER FLUID LEVEL SWITCH SIGNAL (With automatic drive position)
31	V	WASHER FLUID LEVEL SWITCH SIGNAL (Without automatic drive position)
32	V	SECURITY SIGNAL
33	G	WASHER FLUID LEVEL SWITCH SIGNAL

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	TH08PW-4H



Terminal No.	Color Of Wire	Signal Name (Specification)
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
4	S/B	DOOR MOTOR POWER SUPPLY
5	BR	LAN SIGNAL
7	R	REAR WINDOW DEFROSTER F/B SIGNAL
8	P	ILLUMINATION POWER SUPPLY
9	GR	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
10	Y	TRIP RESET SWITCH SIGNAL (With automatic drive position)
11	G	ENTER SWITCH SIGNAL
12	BR	SELECT SWITCH SIGNAL (With automatic drive position)
13	R	SELECT SWITCH SIGNAL (Without automatic drive position)
14	Y	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
15	G	TRIP RESET SWITCH SIGNAL (With automatic drive position)
16	V	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
17	BR	TRIP RESET SWITCH SIGNAL (With automatic drive position)
18	L	ENGINE COOLANT TEMPERATURE SIGNAL
19	LG	AMBIENT SENSOR SIGNAL (Without automatic drive position)
20	R	A/C AUTO AMP. CONVECTION RECONSTRUCTION SIGNAL
21	G	AMBIENT SENSOR GROUND (Without automatic drive position)
22	Y	AMBIENT SENSOR GROUND (With automatic drive position)
23	L	CAN-H
24	B	CAN-L
25	B	GROUND
26	BR	FUEL LEVEL SENSOR GROUND
27	W	ALTERNATOR SIGNAL (With automatic drive position)
28	BR	ALTERNATOR SIGNAL (Without automatic drive position)
29	Y	PARKING BRAKE SWITCH SIGNAL
30	V	WASHER FLUID LEVEL SWITCH SIGNAL (With automatic drive position)
31	V	WASHER FLUID LEVEL SWITCH SIGNAL (Without automatic drive position)
32	V	SECURITY SIGNAL
33	G	WASHER FLUID LEVEL SWITCH SIGNAL

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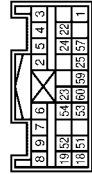
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M55
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	W42FF 6P



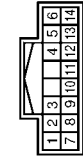
Connector No.	M60
Connector Name	BSW SWITCH
Connector Type	TH08L 4H



Connector No.	M64
Connector Name	IONIZER
Connector Type	TH04FW 4H



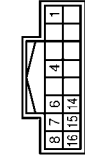
Connector No.	M63
Connector Name	COMBINATION SWITCH
Connector Type	TH13FW 14H



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BE	IGN
2	GR	GROUND
3	LG	DR1 (+)
4	Y	DR1 (-) DR2 (+)
5	V	DR2 (-)
6	V	AS1 (+)
7	LG	AS1 (-)
8	BR	AS2 (+)
9	Y	AS2 (-)
18	B	EC25 (+)
19	W	EC25 (-)
22	GR	GROUND
23	R	AIRBAG W/L
24	LG	SEA BELT W/L
25	LG	CUTOFF TELLER
26	W	SIDE SENS W/L
27	W	SIDE SENS W/L
28	W	SIDE SENS W/L
29	W	SIDE SENS W/L
30	W	SIDE SENS W/L
31	W	SIDE SENS W/L
32	W	SIDE SENS W/L
33	W	SIDE SENS W/L
34	W	SIDE SENS W/L
35	W	SIDE SENS W/L
36	W	SIDE SENS W/L
37	W	SIDE SENS W/L
38	W	SIDE SENS W/L
39	W	SIDE SENS W/L
40	W	SIDE SENS W/L
41	W	SIDE SENS W/L
42	W	SIDE SENS W/L
43	W	SIDE SENS W/L
44	W	SIDE SENS W/L
45	W	SIDE SENS W/L
46	W	SIDE SENS W/L
47	W	SIDE SENS W/L
48	W	SIDE SENS W/L
49	W	SIDE SENS W/L
50	W	SIDE SENS W/L
51	W	SIDE SENS W/L
52	W	SIDE SENS W/L
53	W	SIDE SENS W/L
54	W	SIDE SENS W/L
55	W	SIDE SENS W/L
56	W	SIDE SENS W/L
57	W	SIDE SENS W/L
58	W	SIDE SENS W/L
59	W	SIDE SENS W/L
60	P	CAN-L

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

Connector No.	M61
Connector Name	BSW CONTROL MODULE
Connector Type	TH10FW 14H



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	IGN
3	GR	GROUND
4	P	IGN-ON/OFF

Connector No.	M72
Connector Name	WIRE TO WIRE
Connector Type	HD12FB 15



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

Connector No.	M56
Connector Name	JOINT CONNECTOR-M15
Connector Type	B10DFW



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

8	GR	-
9	GR	-
10	Y	-
11	Y	-
12	Y	-
13	Y	-
14	R	-
15	R	-
16	R	-
17	Y	-
18	Y	-
19	Y	-
20	Y	-
21	Y	- [Without automatic drive positioner]
22	Y	- [With automatic drive positioner]
23	GR	- [Without automatic drive positioner]
24	GR	- [With automatic drive positioner]
25	GR	-
26	V	-
27	V	-
28	V	-
29	SB	-
30	BE	-
31	SB	-
32	SB	-
33	BE	-

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40F2-W



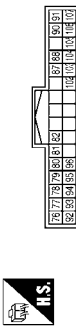
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POWER SUPPLY ROUTING CIRCUIT

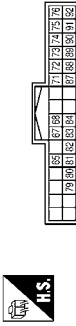
< WIRING DIAGRAM >

IGNITION POWER SUPPLY

Connector No.	M136
Connector Name	AV CONTROL UNIT
Connector Type	TP-32P4V-14



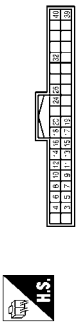
Connector No.	M193
Connector Name	AV CONTROL UNIT
Connector Type	TP-32P4V-14



Connector No.	M212
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	HS06B8-C5



Connector No.	M253
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH-45P4V-14M



Terminal No.	Color Of Wire	Signal Name [Specification]
76	LG	AV COMMUNICATION SIGNAL (L)
77	V	AV COMMUNICATION SIGNAL (H)
78	LG	AV COMMUNICATION SIGNAL (L)
79	SB	AV COMMUNICATION SIGNAL (H)
80	P	CAN L
81	L	CAN H
82	R	SWITCH GROUND
87	R	SOUND SIGNAL (TEL VOICE, VOICE GUIDANCE) (+)
88	W	SOUND SIGNAL (TEL VOICE, VOICE GUIDANCE) (-)
90	BR	HEADPHONE SOUND SIGNAL RH (+)
91	Y	HEADPHONE SOUND SIGNAL RH (-)
92	P	VEHICLE SPEED SIGNAL (8-PULSE)
93	R	PARKING BRAKE SIGNAL
94	W	REVERSE SIGNAL
95	G	IGNITION SIGNAL
96	W	DISK EJECT SIGNAL
102	R	AUX SOUND SIGNAL RH (+)
103	R	AUX SOUND SIGNAL RH (-)
104	R	AUX SOUND SIGNAL RH (+)
105	GR	SHIELD
106	P	HEADPHONE SOUND SIGNAL LH (+)
107	L	HEADPHONE SOUND SIGNAL LH (-)

Terminal No.	Color Of Wire	Signal Name [Specification]
65	R	PARKING BRAKE SIGNAL
67	W	COMPOSITE IMAGE SPRING GROUND (FOR FRONT DISPLAY UNIT)
68	R	COMPOSITE IMAGE SIGNAL (FOR FRONT DISPLAY UNIT)
71	SHIELD	SHIELD
72	W	MICROPHONE VCC
73	B	COMMUNICATION SIGNAL (CONT-RDSPT)
74	P	CAN L
75	LG	AV COMMUNICATION SIGNAL (L)
76	LG	AV COMMUNICATION SIGNAL (L)
79	BE	DIMMER SIGNAL
80	G	IGNITION SIGNAL
81	W	REVERSE SIGNAL
82	P	VEHICLE SPEED SIGNAL (8-PULSE)
83	SHIELD	SHIELD
84	B	COMPOSITE IMAGE SYNCHRONIZING SIGNAL
87	B	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	W	COMMUNICATION SIGNAL (DISP-CONT)
90	L	CAN L
91	SB	AV COMMUNICATION SIGNAL (H)
92	V	AV COMMUNICATION SIGNAL (H)

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

Connector No.	M213
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	HS06B4V-C5



Terminal No.	Color Of Wire	Signal Name [Specification]
3	SHIELD	SHIELD
4	B	CAMERA 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	SB	REAR CAMERA IMAGE SIGNAL
21	P	CAN L
26	L	CAN L
32	LG	REVERSE SIGNAL
39	B	GROUND
40	G	IGNITION SIGNAL

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
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P

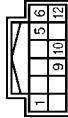
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

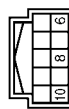
IGNITION POWER SUPPLY

Connector No.	F45
Connector Name	REAR A/C CONTROL
Connector Type	TH-12FV-4M



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]
9	B	ILL-
10	BR/R	RX [With manual A/C]
12	V	RX [With auto A/C]
13	BR	TX
17	G	IGN

Connector No.	F25
Connector Name	AUTO ANTI-DAZZLING INDEX MIRROR
Connector Type	TH-10FV-4M



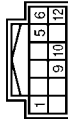
Terminal No.	Color Of Wire	Signal Name [Specification]
6	V	-
8	G	-
10	BR	-

Connector No.	F46
Connector Name	REAR DISPLAY UNIT
Connector Type	TH-12FV-4M



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 (+)
5	B	SHIELD
6	SHIELD	SHIELD
7	B	COMPOSITE IMAGE SIGNAL
8	W	COMPOSITE IMAGE SIGNAL GROUND
18	SHIELD	SHIELD
19	W	AV COMMUNICATION SIGNAL (L)
20	Y	AV COMMUNICATION SIGNAL (H)
21	B	AV COMMUNICATION SIGNAL (H)
22	BR	AV COMMUNICATION SIGNAL (H)
24	LG	ILLUMINATION SIGNAL
25	LG	ILLUMINATION SIGNAL
26	Y	ILLUMINATION SIGNAL
27	Y	ILLUMINATION SIGNAL
28	Y	ILLUMINATION SIGNAL
29	GR	BATTERY POWER SUPPLY
30	GR	BATTERY POWER SUPPLY
31	B	GROUND
32	B	GROUND

Connector No.	F431
Connector Name	REAR A/C CONTROL
Connector Type	TH-12FV-4M



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

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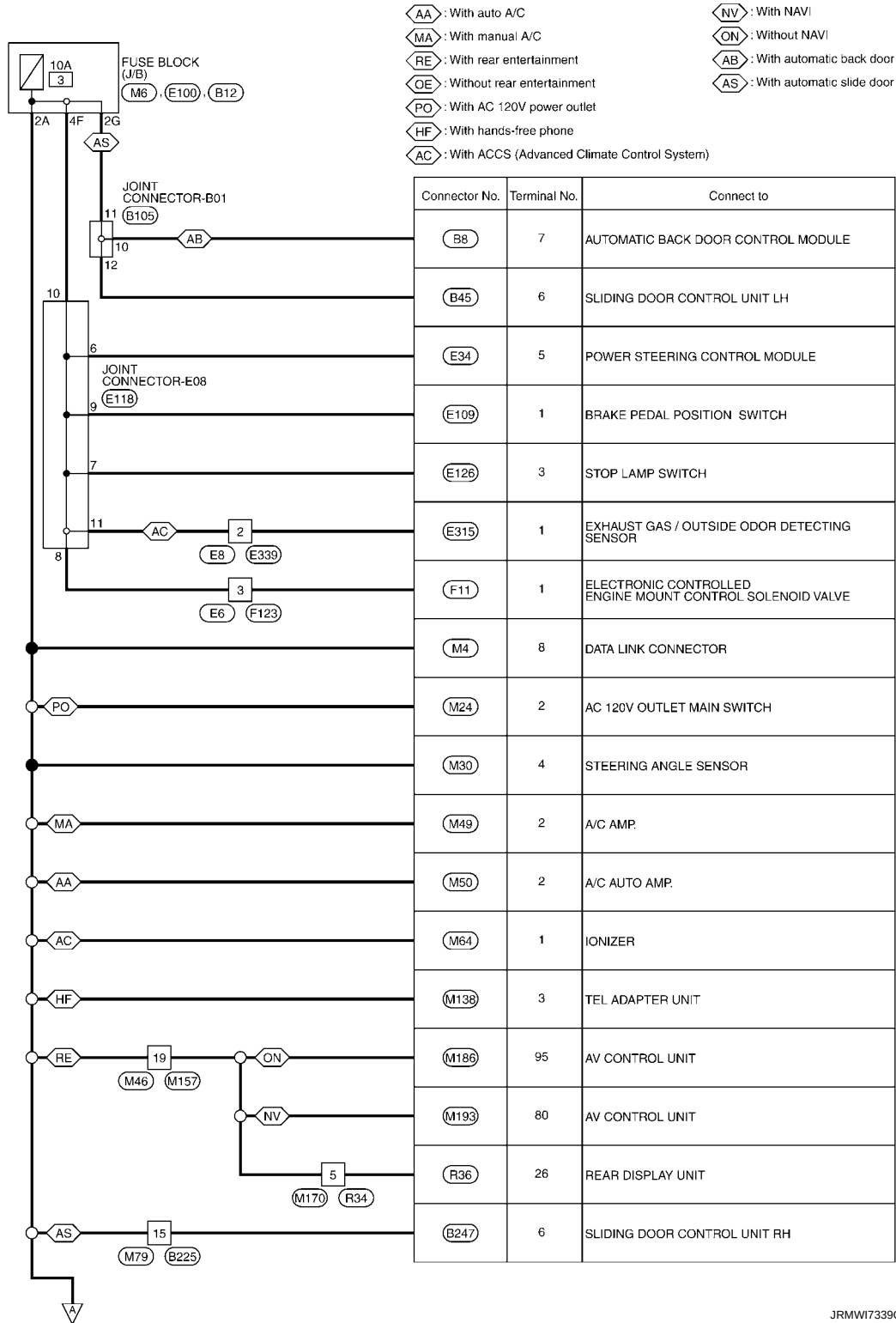
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000012405169

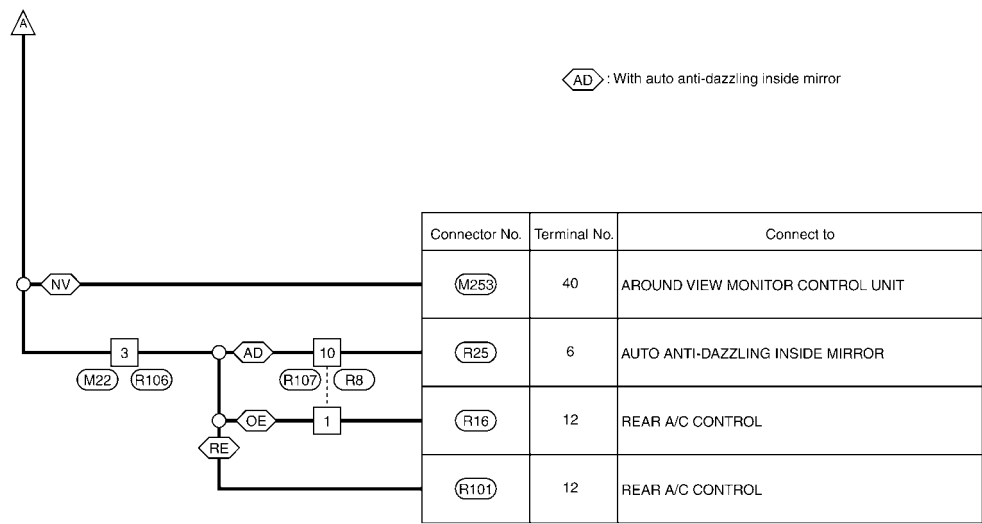
IGNITION POWER SUPPLY FUSE No. 3



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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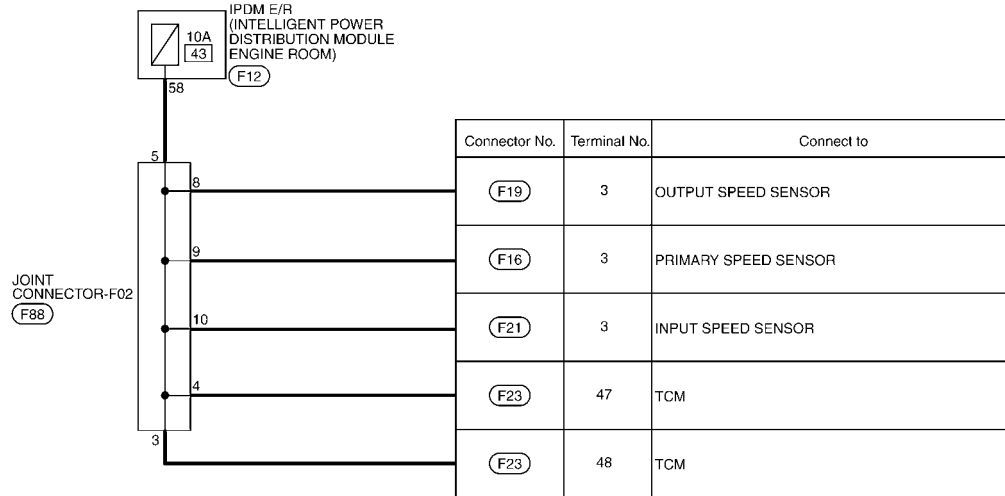
JRMW17340GB

POWER SUPPLY ROUTING CIRCUIT

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

INFOID:000000012405170



2015/09/04

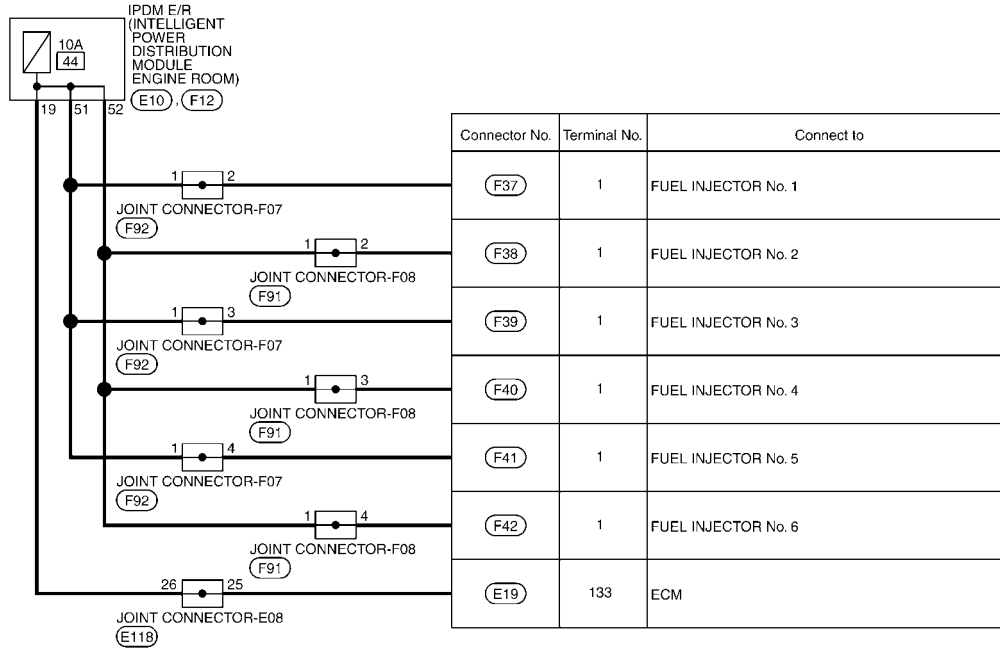
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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2015/09/04

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 : With blind spot warning



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GROUND DISTRIBUTION

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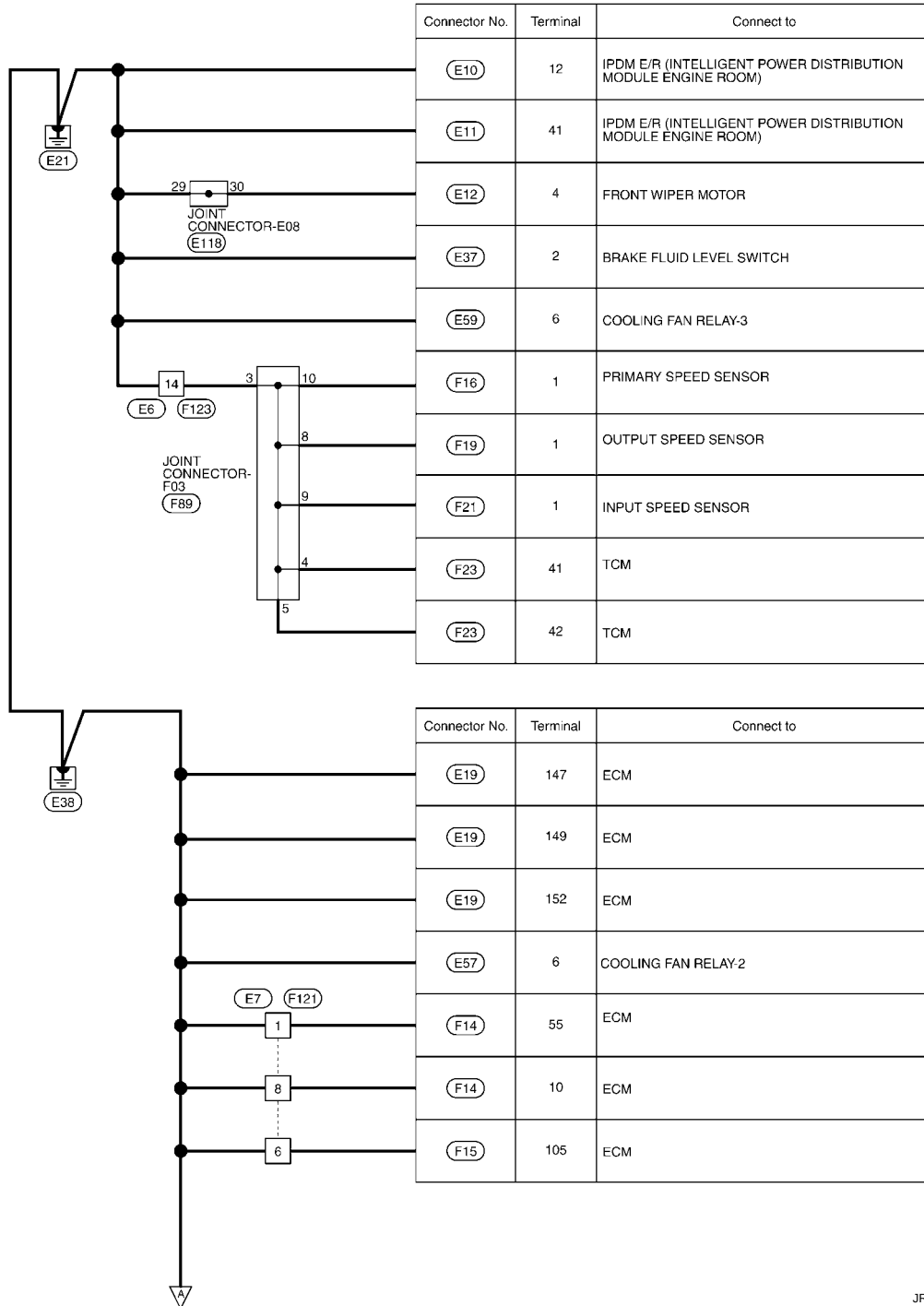
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Engine Room Harness

ENGINE ROOM HARNESS

INFOID:000000012405173

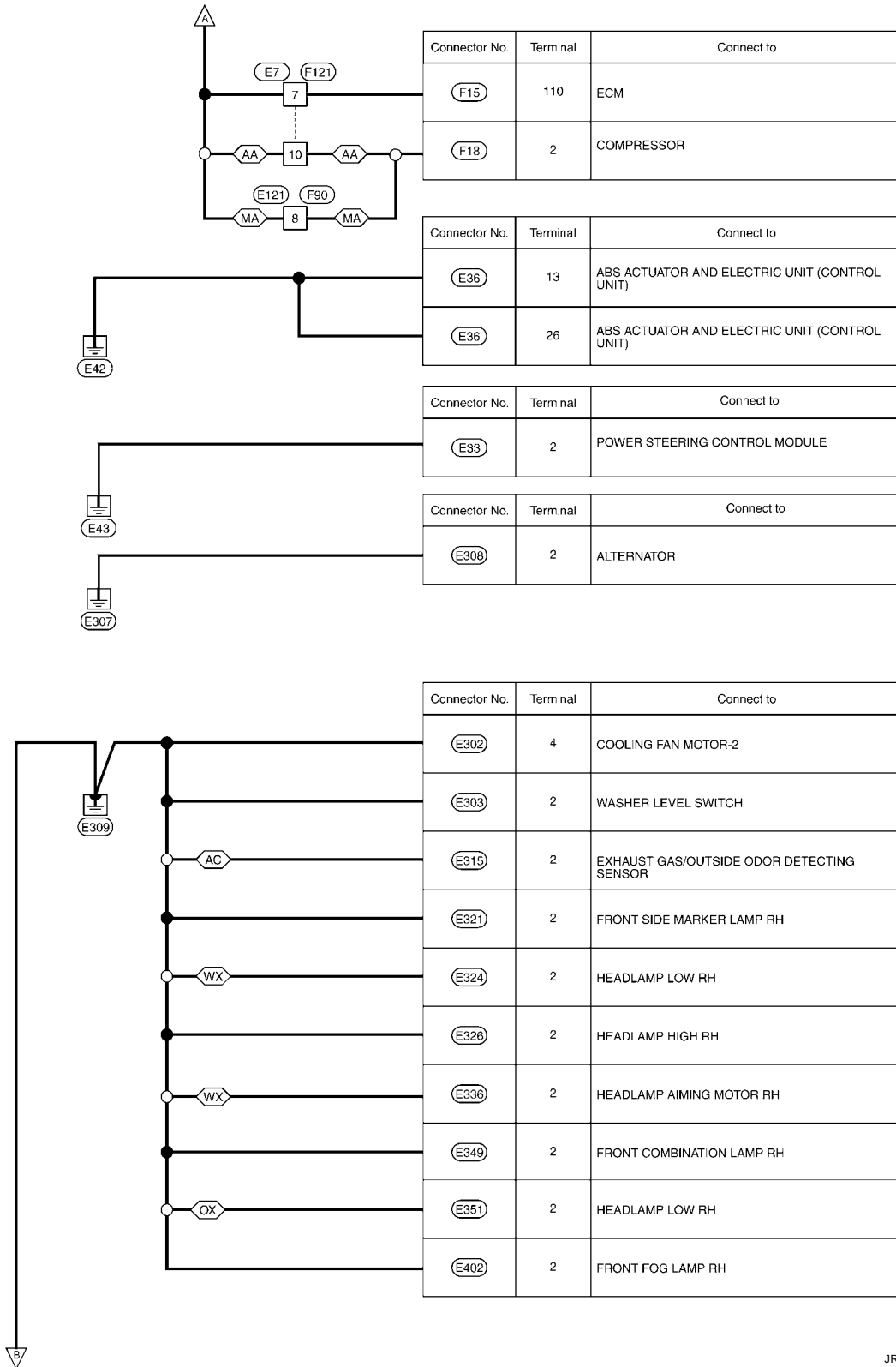
- AC : With ACCS (Advanced Climate Control System)
- AA : With auto A/C
- MA : With manual A/C
- OX : Without xenon headlamp
- WX : With xenon headlamp



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GROUND DISTRIBUTION

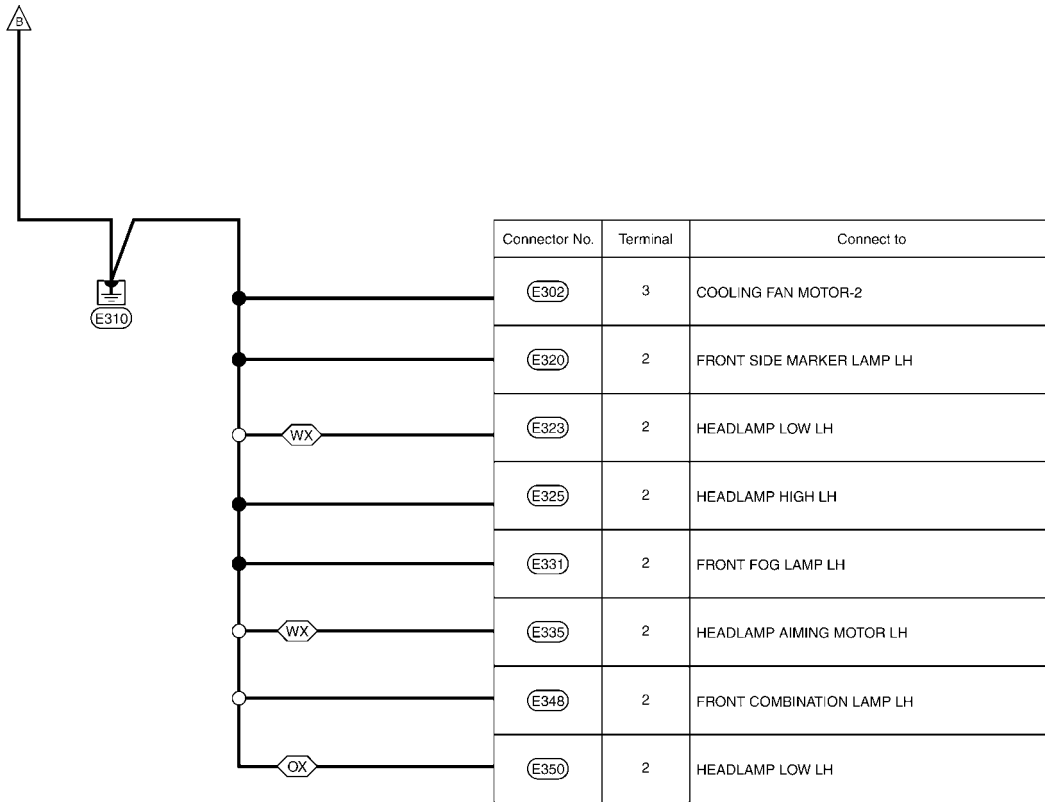
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GROUND DISTRIBUTION

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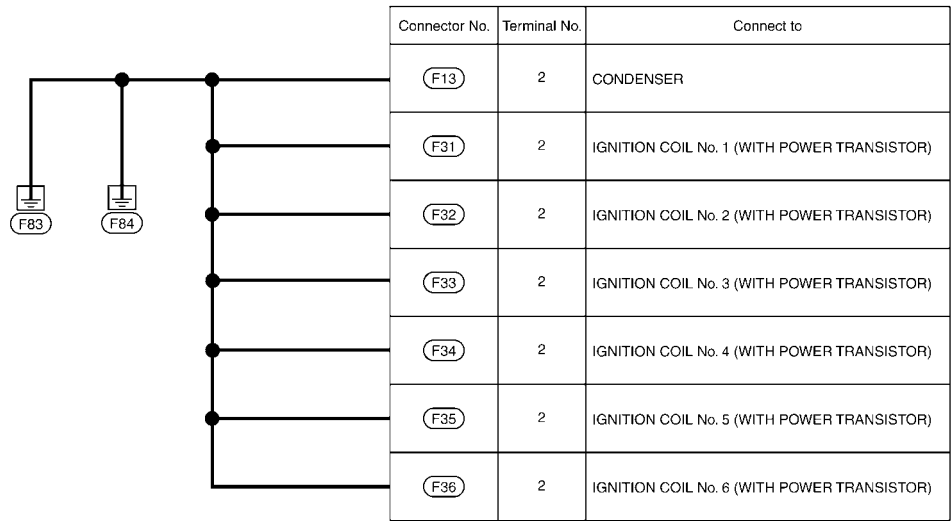
GROUND DISTRIBUTION

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Engine Control Harness

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ENGINE CONTROL HARNESS



2014/07/25

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GROUND DISTRIBUTION

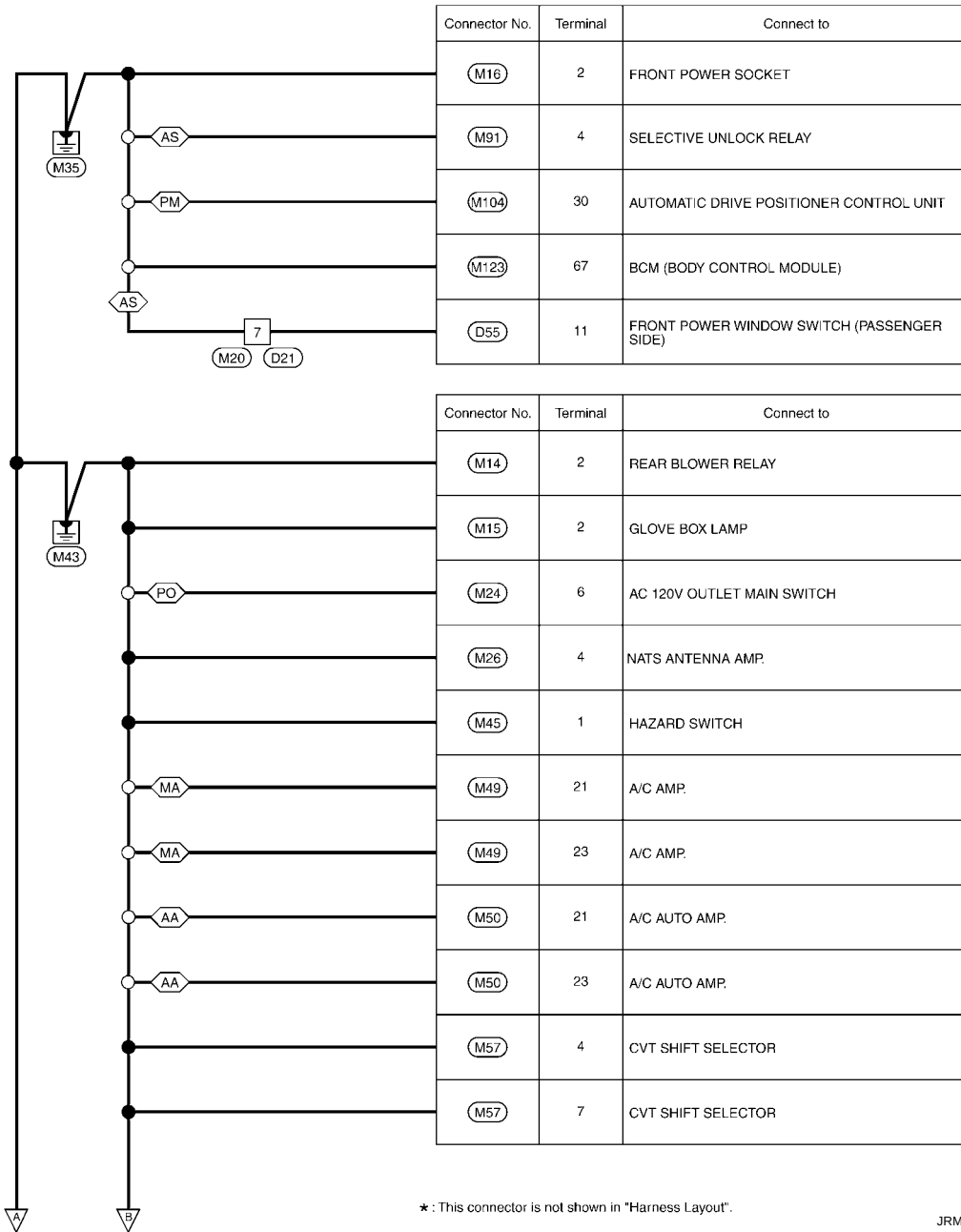
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Main Harness

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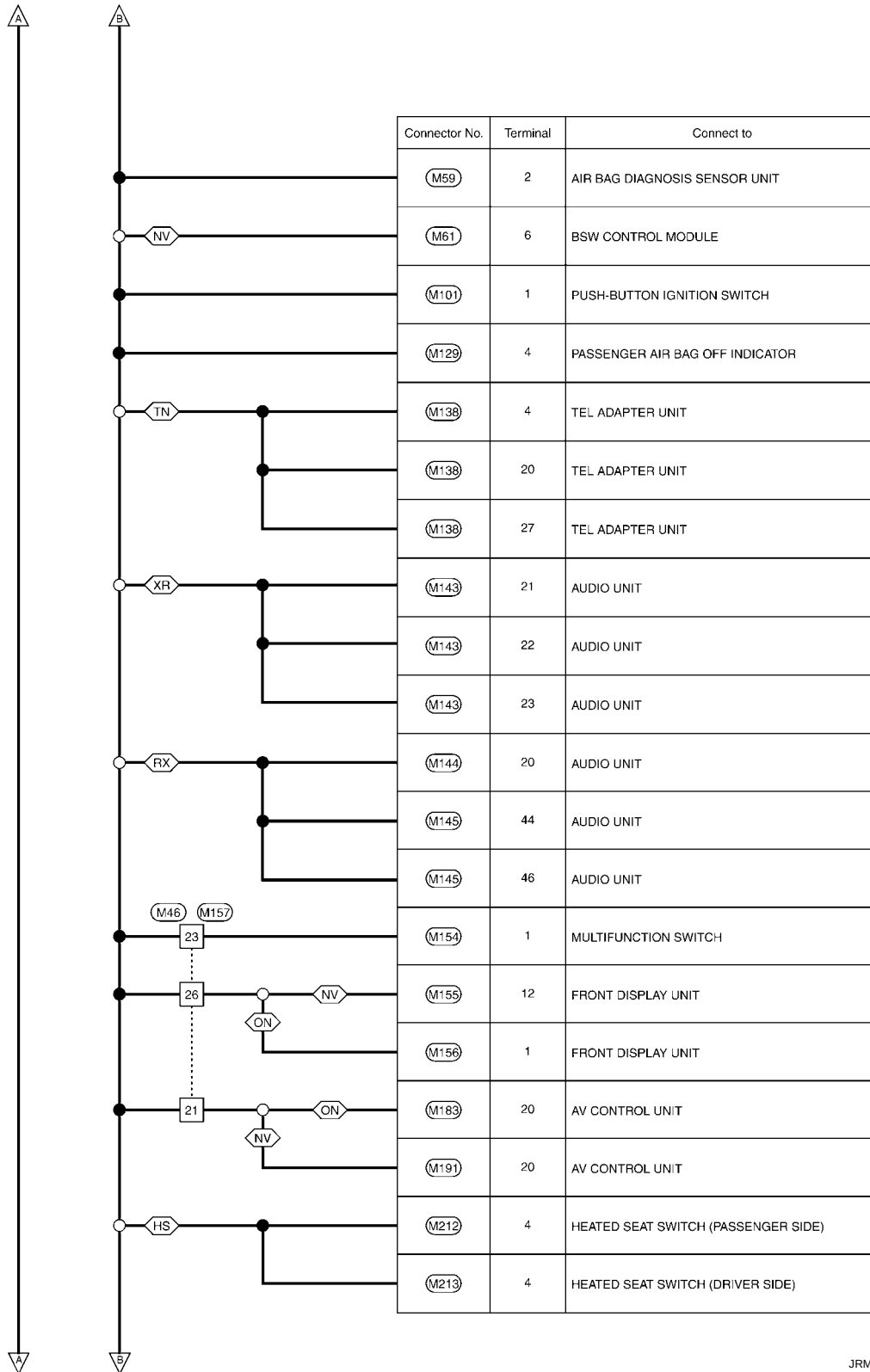
MAIN HARNESS

- | | | |
|---|---|--|
| TN : With telephone without NAVI | AA : With auto A/C | NV : With NAVI |
| XR : Without rear entertainment and rear view monitor | MA : With manual A/C | ON : Without NAVI |
| RX : Without rear entertainment and with rear view monitor | PM : With automatic drive positioner | AS : With automatic slide door |
| AP : With front power window anti-pinch system | OM : Without automatic drive positioner | AB : With automatic back door |
| AC : With ACCS (Advanced Climate Control System) | RF : With sunroof | OS : Without automatic slide door |
| WX : With xenon headlamp | HS : With heated seat | RE : With rear entertainment |
| | DS : With side turn and defogger door mirror | OE : Without rear entertainment |
| | AD : With auto-dazzling inside mirror | PO : With AC 120V power outlet |



GROUND DISTRIBUTION

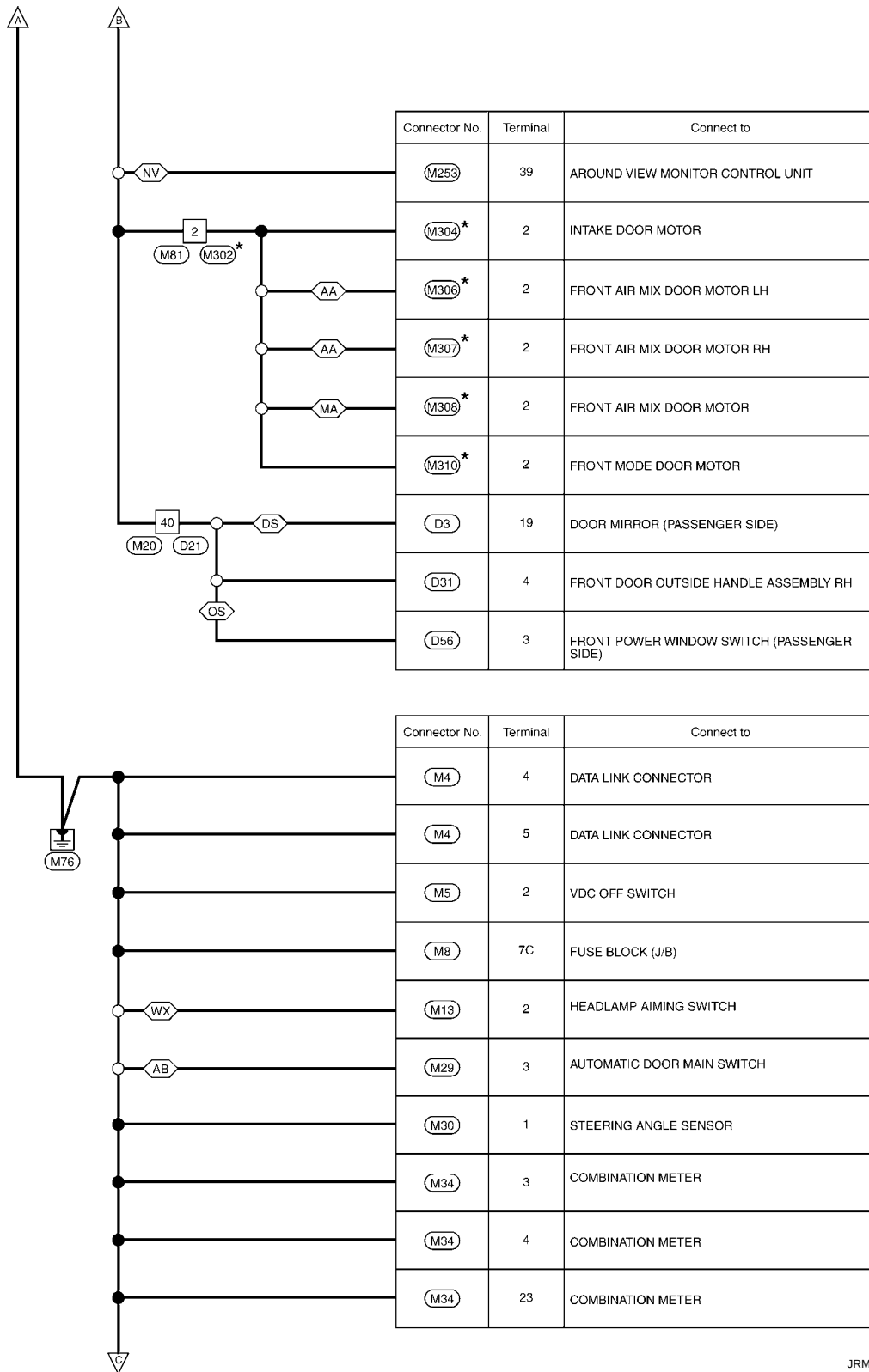
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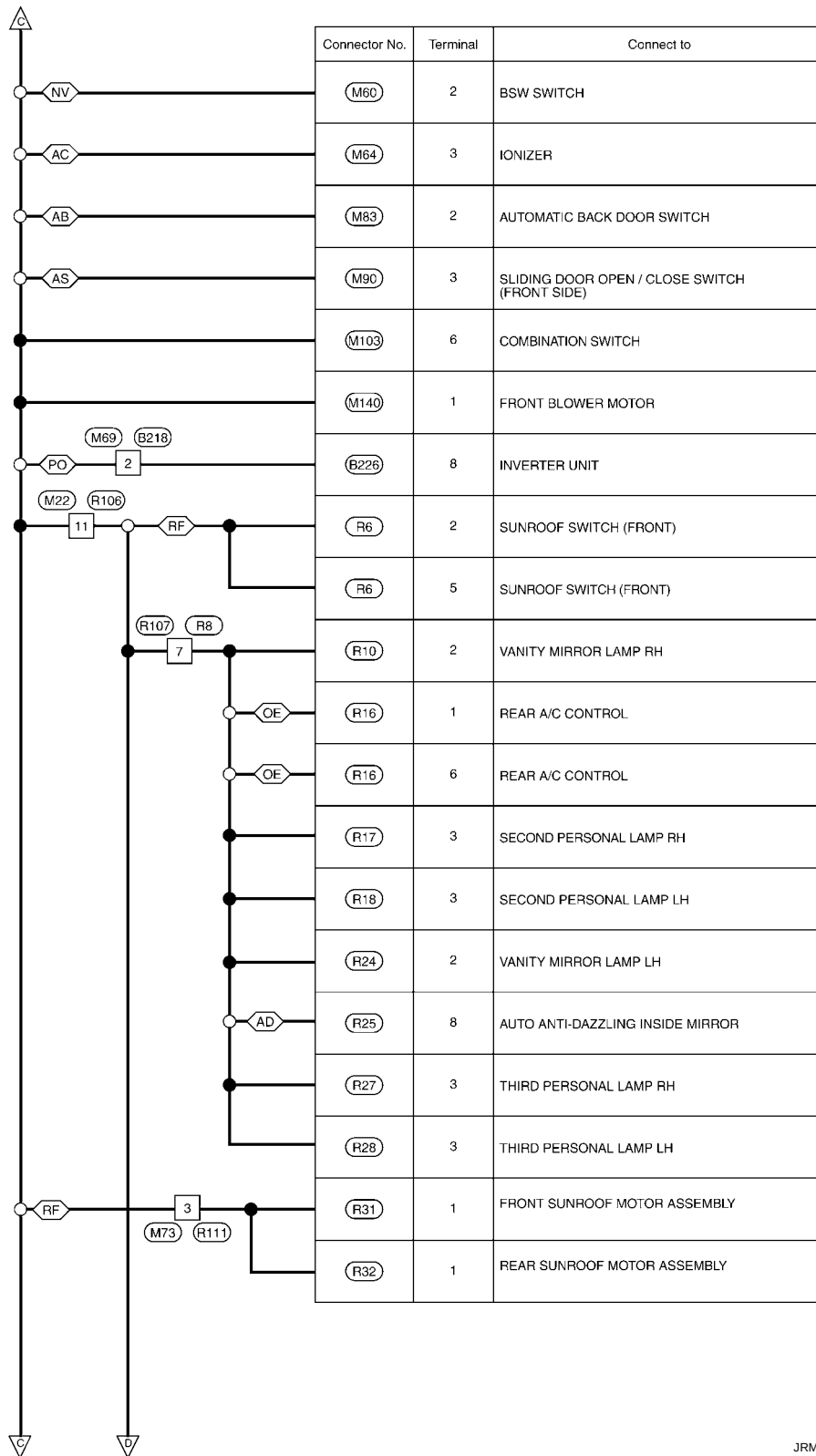
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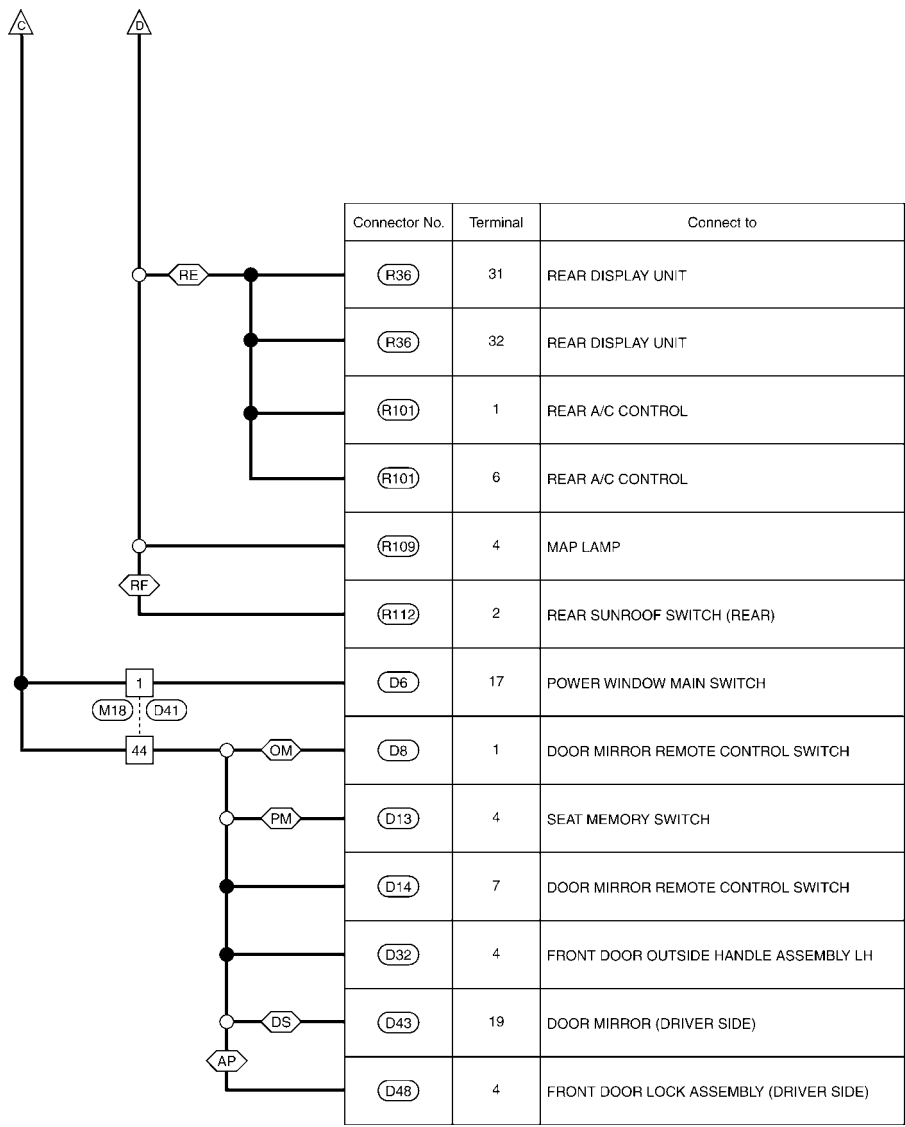
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GROUND DISTRIBUTION

< WIRING DIAGRAM >



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GROUND DISTRIBUTION

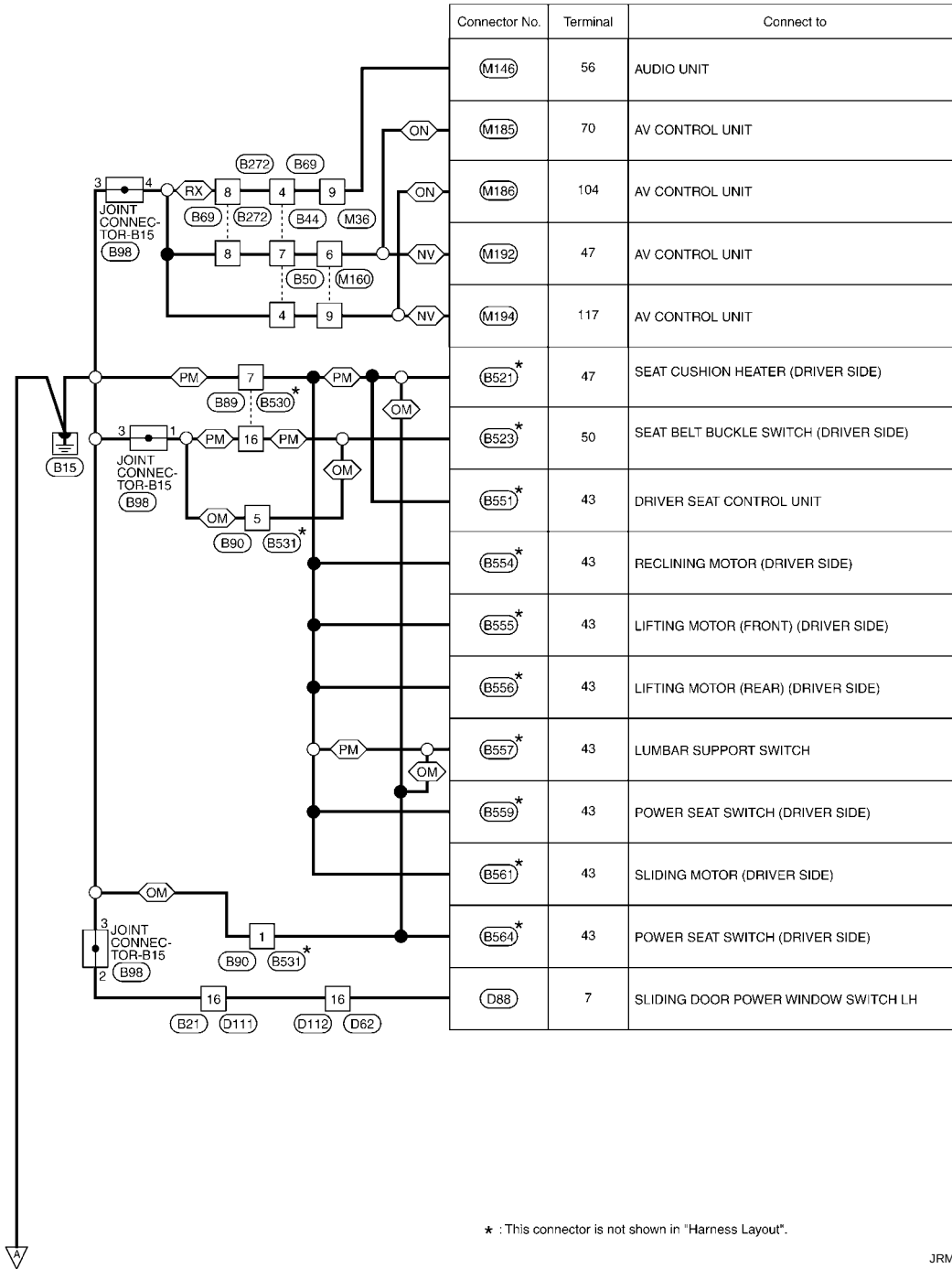
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Body Harness

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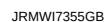
BODY HARNESS

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



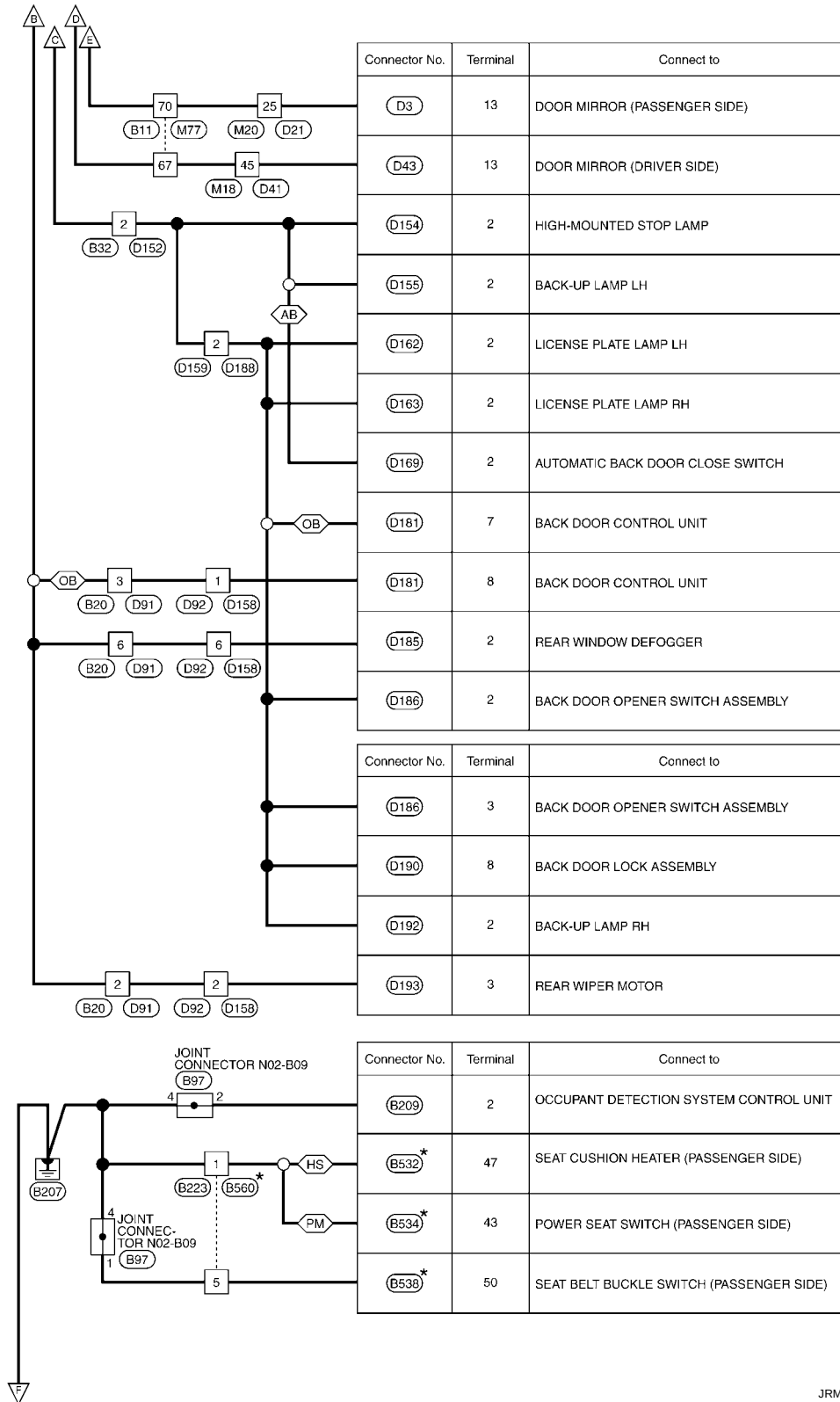
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GROUND DISTRIBUTION

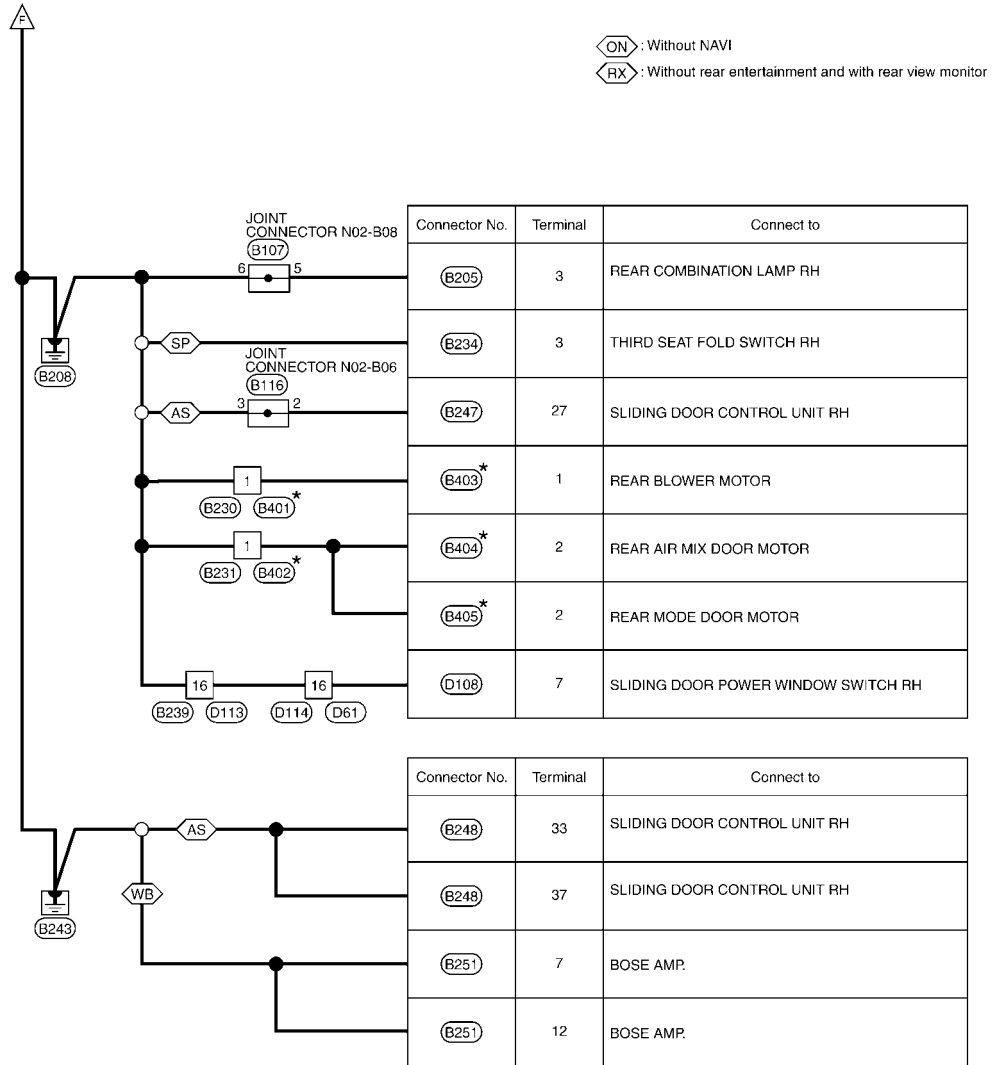
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GROUND DISTRIBUTION

< WIRING DIAGRAM >



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FUSE BLOCK - JUNCTION BOX (J/B)

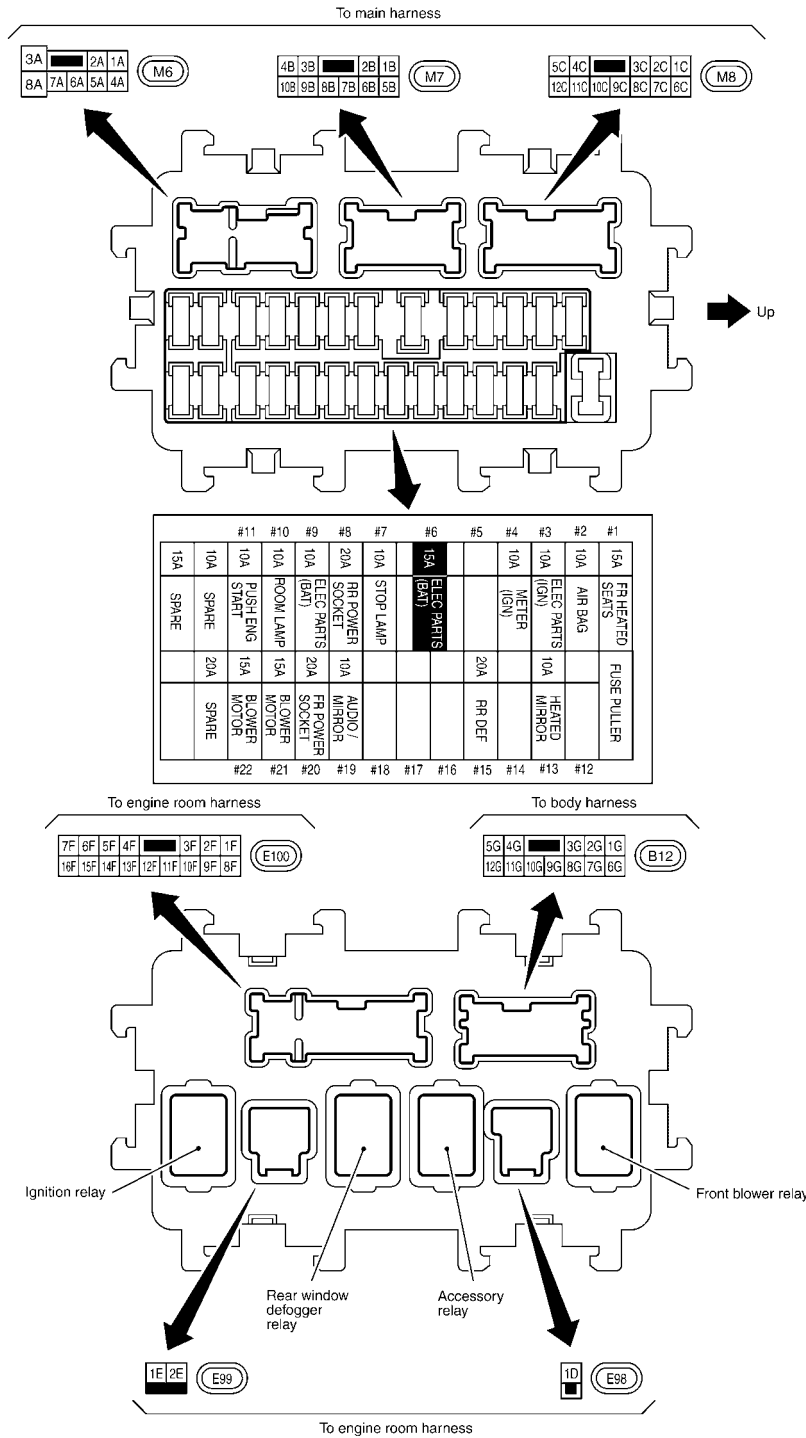
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FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

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



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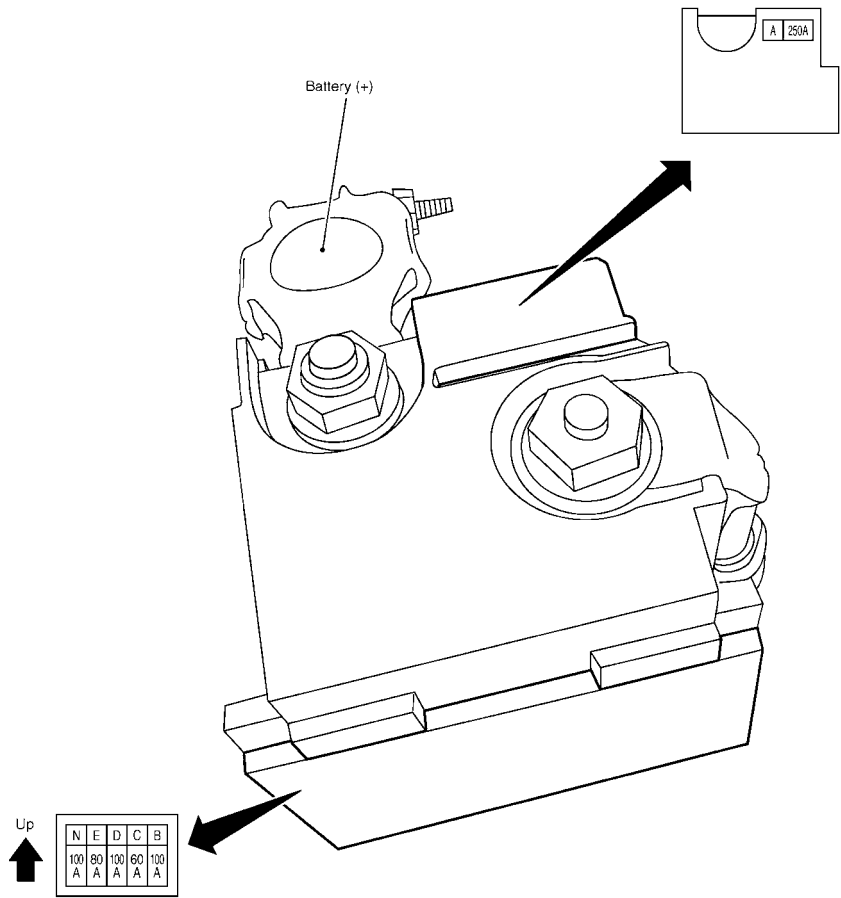
FUSE, FUSIBLE LINK AND RELAY BOX

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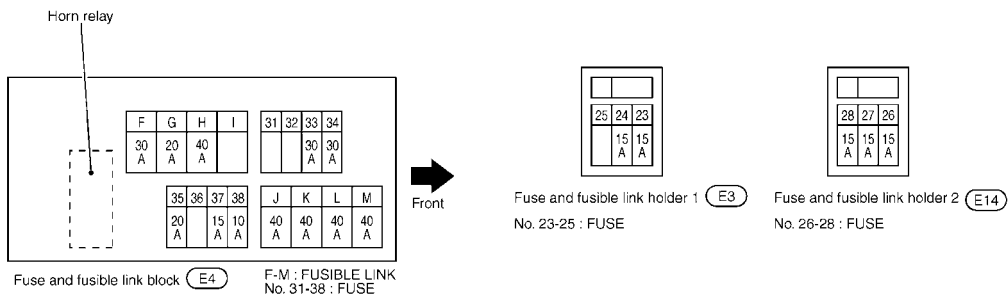
FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

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Battery terminal with fusible link (E1), (E2), (E13), (F3)



2010/12/13

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

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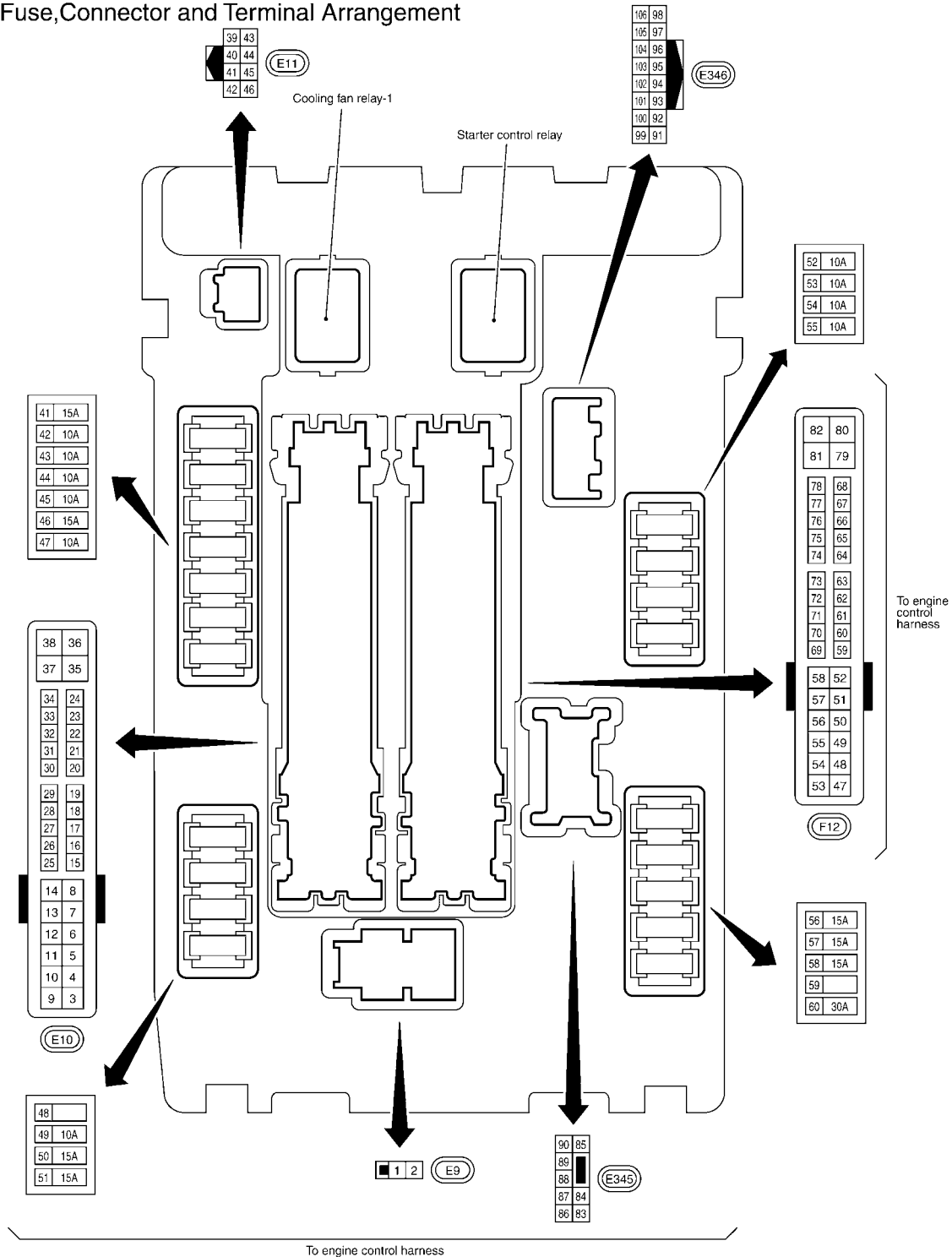
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

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

Fuse, Connector and Terminal Arrangement



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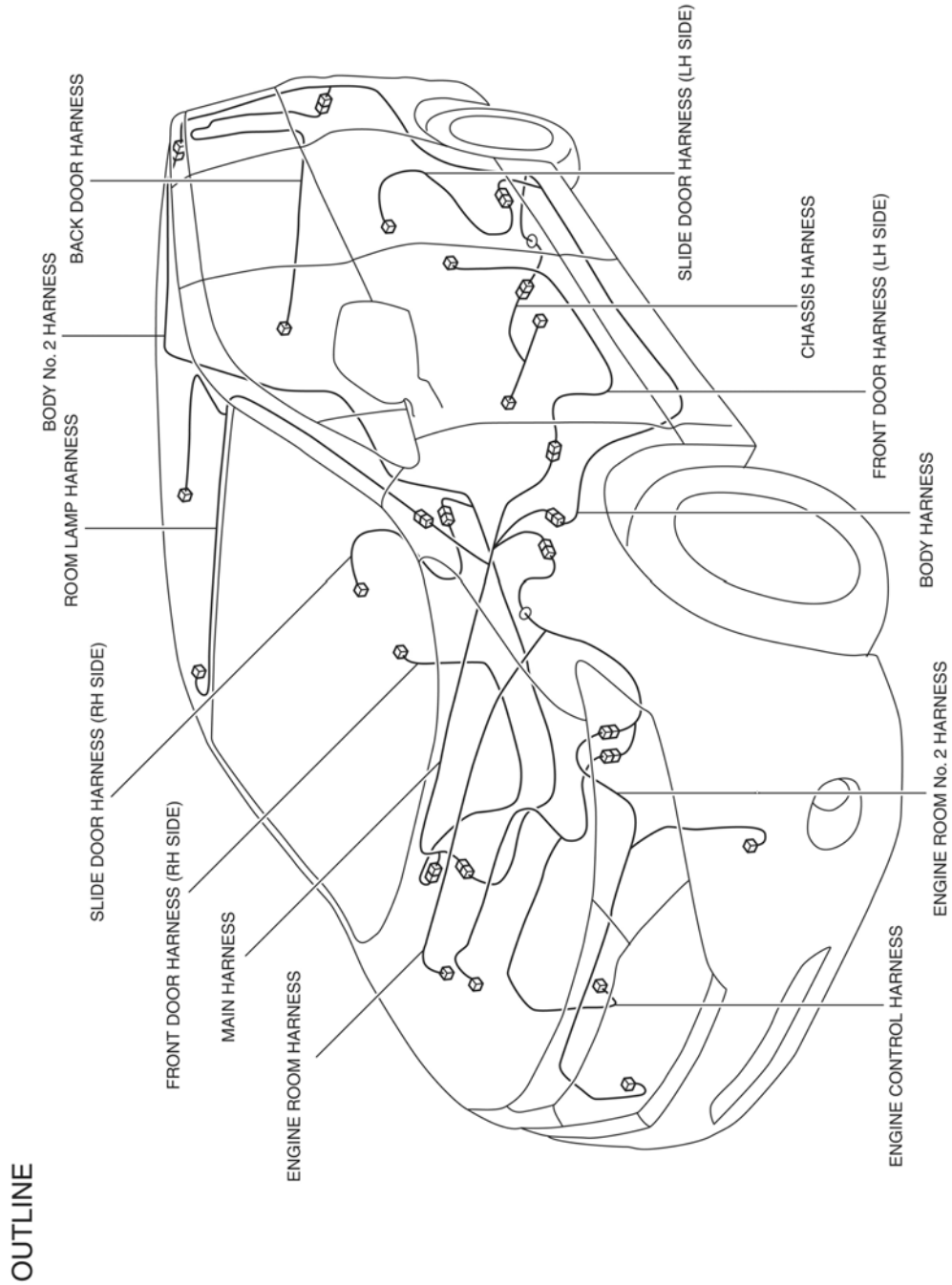
HARNESS LAYOUT

< WIRING DIAGRAM >

HARNESS LAYOUT

Outline

INFOID:000000012405180



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2012/07/19

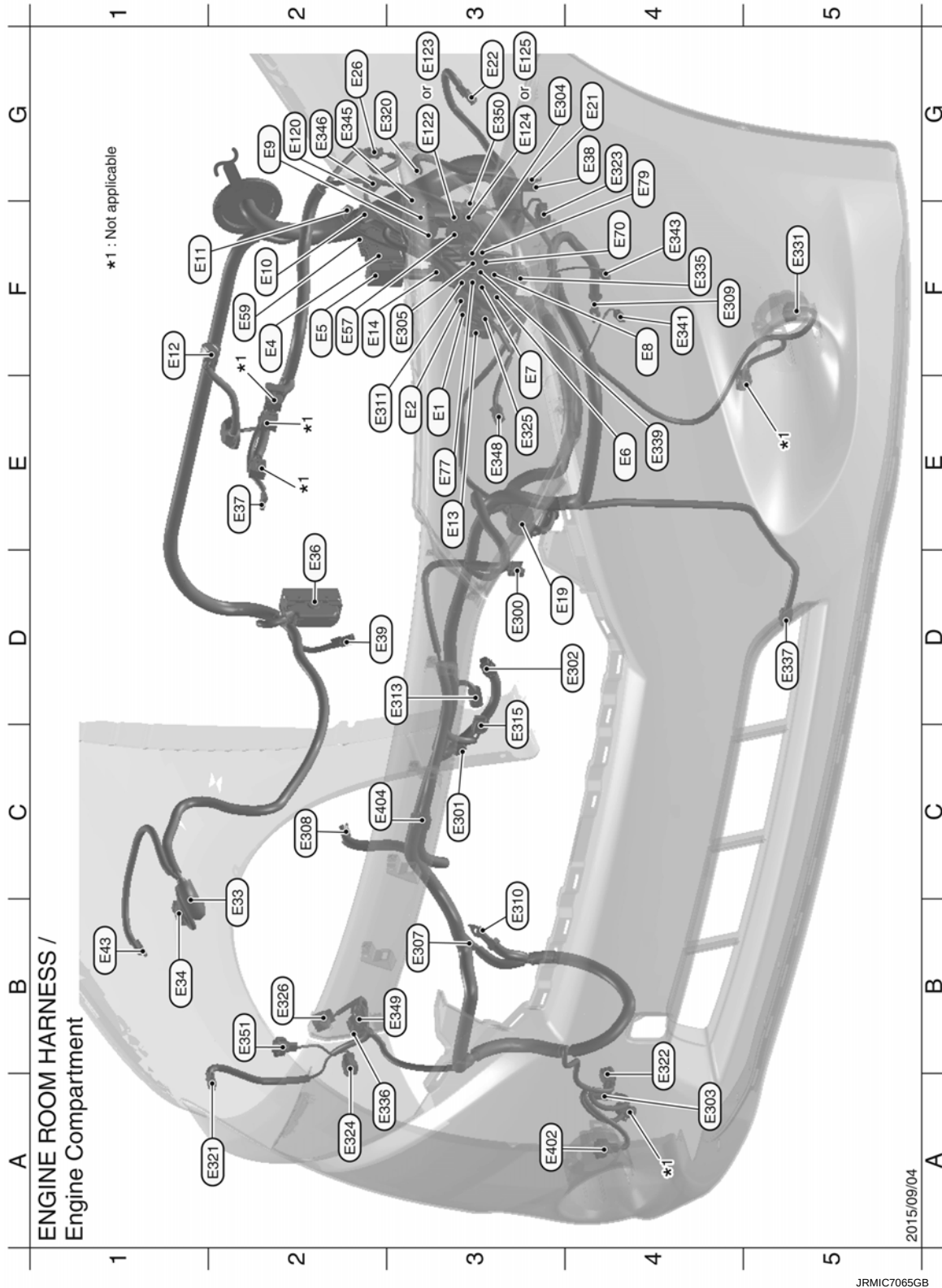
HARNESS LAYOUT

< WIRING DIAGRAM >

Engine Room Harness

INFOID:000000012405181

ENGINE COMPARTMENT



HARNESS LAYOUT

< WIRING DIAGRAM >

E3	E1	GY/2	: BATTERY TERMINAL WITH FUSIBLE LINK	G3	(E122)	W/4	: JOINT CONNECTOR-E03
E3	E2	BR/2	: BATTERY TERMINAL WITH FUSIBLE LINK	G3	(E123)	W/4	: JOINT CONNECTOR-E04
F2	E4	-	: FUSE AND FUSIBLE LINK BLOCK	G3	(E124)	W/4	: JOINT CONNECTOR-E06
F2	E5	-	: HORN RELAY	G3	(E125)	W/4	: JOINT CONNECTOR-E07
E4	E6	GY/16	: To (F123)	D3	(E300)	B/3	: REFRIGERANT PRESSURE SENSOR
F3	E7	W/10	: To (F121)	C3	(E301)	GY/4	: COOLING FAN MOTOR-1
F4	E8	BR/12	: To (E339)	D4	(E302)	GY/4	: COOLING FAN MOTOR-2
G2	E9	B/2	: IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	A4	(E303)	BR/2	: WASHER LEVEL SWITCH
F2	E10	W/37	: IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	G3	(E304)	W/4	: To (E79)
F1	E11	W/8	: IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	F3	(E305)	W/6	: To (E70)
F1	E12	GY/5	: FRONT WIPER MOTOR	B3	(E307)	-	: ENGINE GROUND
E3	E13	B/1	: BATTERY TERMINAL WITH FUSIBLE LINK	C2	(E308)	-	: ALTERNATOR
F2	E14	-	: FUSE AND FUSIBLE LINK HOLDER 2	F4	(E309)	-	: BODY GROUND
D3	E19	B/32	: ECM	B3	(E310)	-	: BODY GROUND
G4	E21	-	: BODY GROUND	E2	(E311)	B/3	: To (E77)
G3	E22	B/2	: FRONT WHEEL SENSOR LH	D3	(E313)	Y/2	: CRASH ZONE SENSOR
G2	E26	BR/3	: INTELLIGENT KEY WARNING BUZZER	D3	(E315)	B/3	: EXHAUST GAS/OUTSIDE ODOR DETECTING SENSOR
B2	E33	-	: POWER STEERING CONTROL MODULE	G2	(E320)	GY/2	: FRONT SIDE MARKER LAMP LH
B1	E34	B/6	: POWER STEERING CONTROL MODULE	A2	(E321)	GY/2	: FRONT SIDE MARKER LAMP RH
D2	E36	B/26	: ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)	B4	(E322)	GY/2	: WASHER PUMP
E2	E37	GY/2	: BRAKE FLUID LEVEL SWITCH	G4	(E323)	GY/2	: HEADLAMP LOW LH
G4	E38	-	: BODY GROUND	A2	(E324)	GY/2	: HEADLAMP LOW RH
D2	E39	B/2	: FRONT WHEEL SENSOR RH	E3	(E325)	B/2	: HEADLAMP HIGH LH
B1	E43	-	: BODY GROUND	B2	(E326)	B/2	: HEADLAMP HIGH RH
F2	E57	BR/6	: COOLING FAN RELAY-2	F5	(E331)	B/2	: FRONT FOG LAMP LH
F2	E59	BR/6	: COOLING FAN RELAY-3	F4	(E335)	GY/3	: HEADLAMP AIMING MOTOR LH
F4	E70	W/6	: To (E305)	A2	(E336)	GY/3	: HEADLAMP AIMING MOTOR RH
E3	E77	B/3	: To (E311)	D5	(E337)	B/2	: AMBIENT SENSOR
G4	E79	W/4	: To (E304)	E4	(E339)	BR/12	: To (E8)
G2	E120	W/6	: JOINT CONNECTOR-E01	F4	(E341)	B/1	: HORN (HIGH)

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HARNESS LAYOUT

< WIRING DIAGRAM >

F4	(E343)	B/1	:	HORN (LOW)
G2	(E345)	W/8	:	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
G2	(E346)	W/16	:	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
E3	(E348)	BR/3	:	FRONT COMBINATION LAMP LH
B3	(E349)	BR/3	:	FRONT COMBINATION LAMP RH
G3	(E350)	B/2	:	HEADLAMP LOW LH
B2	(E351)	B/2	:	HEADLAMP LOW RH
A3	(E402)	B/2	:	FRONT FOG LAMP RH
C2	(E404)	B/4	:	FRONT CAMERA

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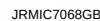
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PASSENGER COMPARTMENT



HARNESS LAYOUT

< WIRING DIAGRAM >

F2	F3	-	: BATTERY TERMINAL WITH FUSIBLE LINK	E2	F45	B/3	: CAMSHAFT POSITION SENSOR (BANK 1)
E4	F10	-	: STARTER MOTOR	E2	F46	B/3	: CAMSHAFT POSITION SENSOR (BANK 2)
C2	F11	BR/2	: ELECTRONIC CONTROLLED ENGINE MOUNT CONTROL SOLENOID VALVE	F4	F47	GY/1	: STARTER MOTOR
G2	F12	W/36	: IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	C2	F48	GY/2	: EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
E2	F13	W/2	: CONDENSER	C3	F49	GY/2	: EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
E3	F14	B/55	: ECM	F1	F50	B/6	: ELECTRIC THROTTLE CONTROL ACTUATOR
E3	F15	B/65	: ECM	C2	F51	GY/2	: INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
F4	F16	B/3	: PRIMARY SPEED SENSOR	B3	F52	GY/2	: INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
E3	F17	B/10	: TRANSMISSION RANGE SWITCH	C1	F53	GY/2	: INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 1)
C4	F18	B/2	: COMPRESSOR	B2	F54	GY/2	: INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 2)
F3	F19	B/3	: OUTPUT SPEED SENSOR	C3	F59	-	: ALTERNATOR
D4	F20	B/3	: CRANKSHAFT POSITION SENSOR	C3	F60	B/3	: ALTERNATOR
E4	F21	B/3	: INPUT SPEED SENSOR	C3	F65	GY/4	: AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
D3	F23	B/48	: TCM	C3	F66	GY/2	: ENGINE OIL TEMPERATURE SENSOR
F4	F24	GY/22	: CVT UNIT	C3	F67	B/3	: ENGINE OIL PRESSURE SENSOR
D1	F28	GY/4	: AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)	F1	F68	B/4	: MASS AIR FLOW SENSOR
D1	F30	GY/2	: EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE	C1	F74	B/2	: VIAS CONTROL SOLENOID VALVE 1
D1	F31	GY/3	: IGNITION COIL No. 1 (WITH POWER TRANSISTOR)	D1	F75	B/2	: VIAS CONTROL SOLENOID VALVE 2
B2	F32	GY/3	: IGNITION COIL No. 2 (WITH POWER TRANSISTOR)	F3	F76	GY/4	: BATTERY CURRENT SENSOR
E1	F33	GY/3	: IGNITION COIL No. 3 (WITH POWER TRANSISTOR)	E2	F78	L/4	: To F200
D3	F34	GY/3	: IGNITION COIL No. 4 (WITH POWER TRANSISTOR)	D3	F80	GY/2	: ENGINE COOLANT TEMPERATURE SENSOR
E1	F35	GY/3	: IGNITION COIL No. 5 (WITH POWER TRANSISTOR)	C2	F83	-	: ENGINE GROUND
D3	F36	GY/3	: IGNITION COIL No. 6 (WITH POWER TRANSISTOR)	C2	F84	-	: ENGINE GROUND
D1	F37	GY/2	: FUEL INJECTOR No. 1	D4	F85	GY/4	: HEATED OXYGEN SENSOR 2 (BANK 2)
C2	F38	GY/2	: FUEL INJECTOR No. 2	D1	F86	GY/4	: HEATED OXYGEN SENSOR 2 (BANK 1)
D2	F39	GY/2	: FUEL INJECTOR No. 3	F3	F121	W/10	: To E7
E2	F40	GY/2	: FUEL INJECTOR No. 4	F3	F123	GY/16	: To E6
E2	F41	GY/2	: FUEL INJECTOR No. 5	E2	F200	L/4	: To F78
E2	F42	GY/2	: FUEL INJECTOR No. 6	D3	F201	G/2	: KNOCK SENSOR (BANK 1)
E2	F43	B/3	: EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 1)	D3	F202	G/2	: KNOCK SENSOR (BANK 2)
D3	F44	B/3	: EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 2)				

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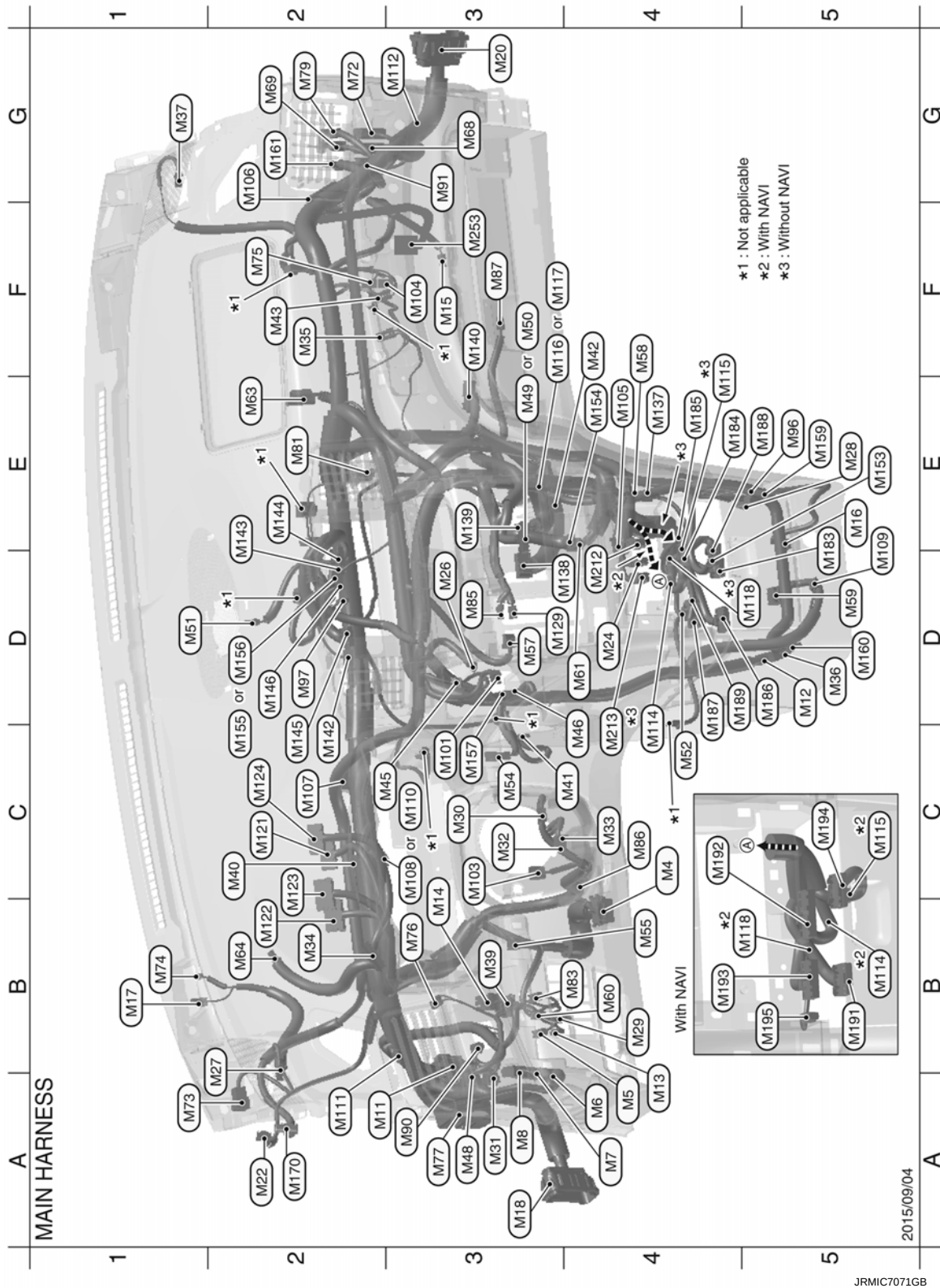
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HARNESS LAYOUT

< WIRING DIAGRAM >

Main Harness

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HARNESS LAYOUT

< WIRING DIAGRAM >

C4	M4	W/16	: DATA LINK CONNECTOR	C3	M41	W/2	: FRONT IN-VEHICLE SENSOR
A4	M5	B/8	: VDC OFF SWITCH	F4	M42	W/2	: INTAKE SENSOR
A4	M6	W/8	: FUSE BLOCK (J/B)	F2	M43	-	: BODY GROUND
A4	M7	W/10	: FUSE BLOCK (J/B)	C2	M45	W/4	: HAZARD SWITCH
A3	M8	W/12	: FUSE BLOCK (J/B)	C4	M46	W/40	: To (M157)
A2	M11	W/83	: To (E105)	A3	M48	W/2	: CIRCUIT BREAKER
D5	M12	W/8	: To (B43)	E3	M49	W/40	: A/C AMP.
A4	M13	W/4	: HEADLAMP AIMING SWITCH	F3	M50	W/40	: A/C AUTO AMP.
C3	M14	BR/6	: REAR BLOWER RELAY	D1	M51	BR/2	: CENTER SQUAWKER
F3	M15	W/2	: GLOVE BOX LAMP	C4	M52	B/4	: YAW RATE / SIDE G SENSOR
E5	M16	B/2	: FRONT POWER SOCKET	C3	M54	W/8	: METER CONTROL SWITCH
B1	M17	W/3	: OPTICAL SENSOR	B4	M55	W/8	: ILLUMINATION CONTROL SWITCH
A3	M18	W/55	: To (D41)	D3	M57	W/12	: CVT SHIFT SELECTOR
G3	M20	W/55	: To (D21)	F4	M58	W/4	: To (M137)
A2	M22	W/16	: To (R106)	D5	M59	FY/28	: AIR BAG DIAGNOSIS SENSOR UNIT
D4	M24	W/10	: AC 120V OUTLET MAIN SWITCH	B4	M60	L/8	: BSW SWITCH
D3	M26	W/4	: NAT'S ANTENNA AMP.	D4	M61	W/16	: BSW CONTROL MODULE
B2	M27	BR/2	: FRONT SQUAWKER LH	E2	M63	Y/4	: PASSENGER AIR BAG MODULE
E5	M28	GY/16	: To (B237)	B2	M64	W/4	: IONIZER
B4	M29	W/8	: AUTOMATIC DOOR MAIN SWITCH	G3	M68	W/12	: To (B202)
C3	M30	W/8	: STEERING ANGLE SENSOR	G2	M69	W/2	: To (B218)
A3	M31	W/2	: CIRCUIT BREAKER	G2	M72	BR/12	: To (B214)
C3	M32	Y/7	: COMBINATION SWITCH (SPIRAL CABLE)	A1	M73	W/8	: To (R111)
C4	M33	GY/9	: COMBINATION SWITCH (SPIRAL CABLE)	B1	M74	B/2	: SUNLOAD SENSOR
B2	M34	W/40	: COMBINATION METER	F2	M75	W/24	: AUTOMATIC DRIVE POSITIONER CONTROL UNIT
F2	M35	-	: BODY GROUND	B3	M76	-	: BODY GROUND
D5	M36	W/24	: To (B44)	A3	M77	W/99	: To (B11)
G1	M37	BR/2	: FRONT SQUAWKER RH	G2	M79	W/16	: To (B225)
B3	M39	W/2	: CIRCUIT BREAKER	E2	M81	W/3	: To (M302)
C2	M40	-	: DIODE	B4	M83	GY/8	: AUTOMATIC BACK DOOR SWITCH

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HARNESS LAYOUT

< WIRING DIAGRAM >

D3	(M85)	BR/2	: CVT SHIFT SELECTOR ILLUMINATION	E3	(M139)	W/8	: TEL ADAPTER UNIT
C4	(M86)	W/2	: FOOT LAMP (DRIVER SIDE)	F3	(M140)	W/3	: FRONT BLOWER MOTOR
F3	(M87)	W/2	: FOOT LAMP (PASSENGER SIDE)	C2	(M142)	W/20	: AUDIO UNIT
A3	(M90)	GY/12	: SLIDING DOOR OPEN / CLOSE SWITCH (FRONT SIDE)	E2	(M143)	W/16	: AUDIO UNIT
G3	(M91)	B/5	: SELECTIVE UNLOCK RELAY	E2	(M144)	W/20	: AUDIO UNIT
E5	(M96)	GY/6	: To (B256)	C2	(M145)	W/32	: AUDIO UNIT
D2	(M97)	L/5	: AUDIO UNIT	D2	(M146)	W/8	: AUDIO UNIT
C3	(M101)	BR/8	: PUSH-BUTTON IGNITION SWITCH	E5	(M153)	B/4	: DISC EJECT SWITCH
C3	(M103)	W/16	: COMBINATION SWITCH	E4	(M154)	W/16	: MULTIFUNCTION SWITCH
F3	(M104)	W/6	: AUTOMATIC DRIVE POSITIONER CONTROL UNIT	C2	(M155)	W/24	: FRONT DISPLAY UNIT
E4	(M105)	L/2	: INSIDE KEY ANTENNA (INSTRUMENT CENTER)	D2	(M156)	W/24	: FRONT DISPLAY UNIT
G2	(M106)	W/30	: JOINT CONNECTOR-M15	C3	(M157)	W/40	: To (M46)
C2	(M107)	W/30	: JOINT CONNECTOR-M14	E5	(M159)	GY/6	: To (B257)
C3	(M108)	W/4	: JOINT CONNECTOR-M01	D5	(M160)	W/24	: To (B50)
D5	(M109)	W/4	: JOINT CONNECTOR-M03	G2	(M161)	W/24	: To (B262)
C3	(M110)	W/4	: JOINT CONNECTOR-M04	A2	(M170)	W/24	: To (R34)
A2	(M111)	W/4	: JOINT CONNECTOR-M02	D5	(M183)	W/20	: AV CONTROL UNIT
G3	(M112)	W/4	: JOINT CONNECTOR-M05	E4	(M184)	W/24	: AV CONTROL UNIT
B5,D4	(M114)	W/4	: JOINT CONNECTOR-M18	E4	(M185)	W/16	: AV CONTROL UNIT
C5,E4	(M115)	W/4	: JOINT CONNECTOR-M16	D5	(M186)	W/32	: AV CONTROL UNIT
F3	(M116)	W/4	: JOINT CONNECTOR-M19	D4	(M187)	W/12	: AV CONTROL UNIT
F3	(M117)	W/4	: JOINT CONNECTOR-M20	E5	(M188)	W/12	: AV CONTROL UNIT
B5,D5	(M118)	W/4	: JOINT CONNECTOR-M17	D4	(M189)	L/5	: AV CONTROL UNIT
C2	(M121)	B/40	: BCM (BODY CONTROL MODULE)	B5	(M191)	W/20	: AV CONTROL UNIT
B2	(M122)	B/15	: BCM (BODY CONTROL MODULE)	C4	(M192)	W/40	: AV CONTROL UNIT
C2	(M123)	B/15	: BCM (BODY CONTROL MODULE)	B4	(M193)	W/32	: AV CONTROL UNIT
C2	(M124)	W/40	: BCM (BODY CONTROL MODULE)	C5	(M194)	W/28	: AV CONTROL UNIT
D3	(M129)	W/4	: PASSENGER AIR BAG OFF INDICATOR	B5	(M195)	L/5	: AV CONTROL UNIT
E4	(M137)	W/4	: To (M58)	D4	(M212)	BR/6	: HEATED SEAT SWITCH (PASSENGER SIDE)
D3	(M138)	W/32	: TEL ADAPTER UNIT	C4	(M213)	W/6	: HEATED SEAT SWITCH (DRIVER SIDE)
				F3	(M253)	W/40	: AROUND VIEW MONITOR CONTROL UNIT

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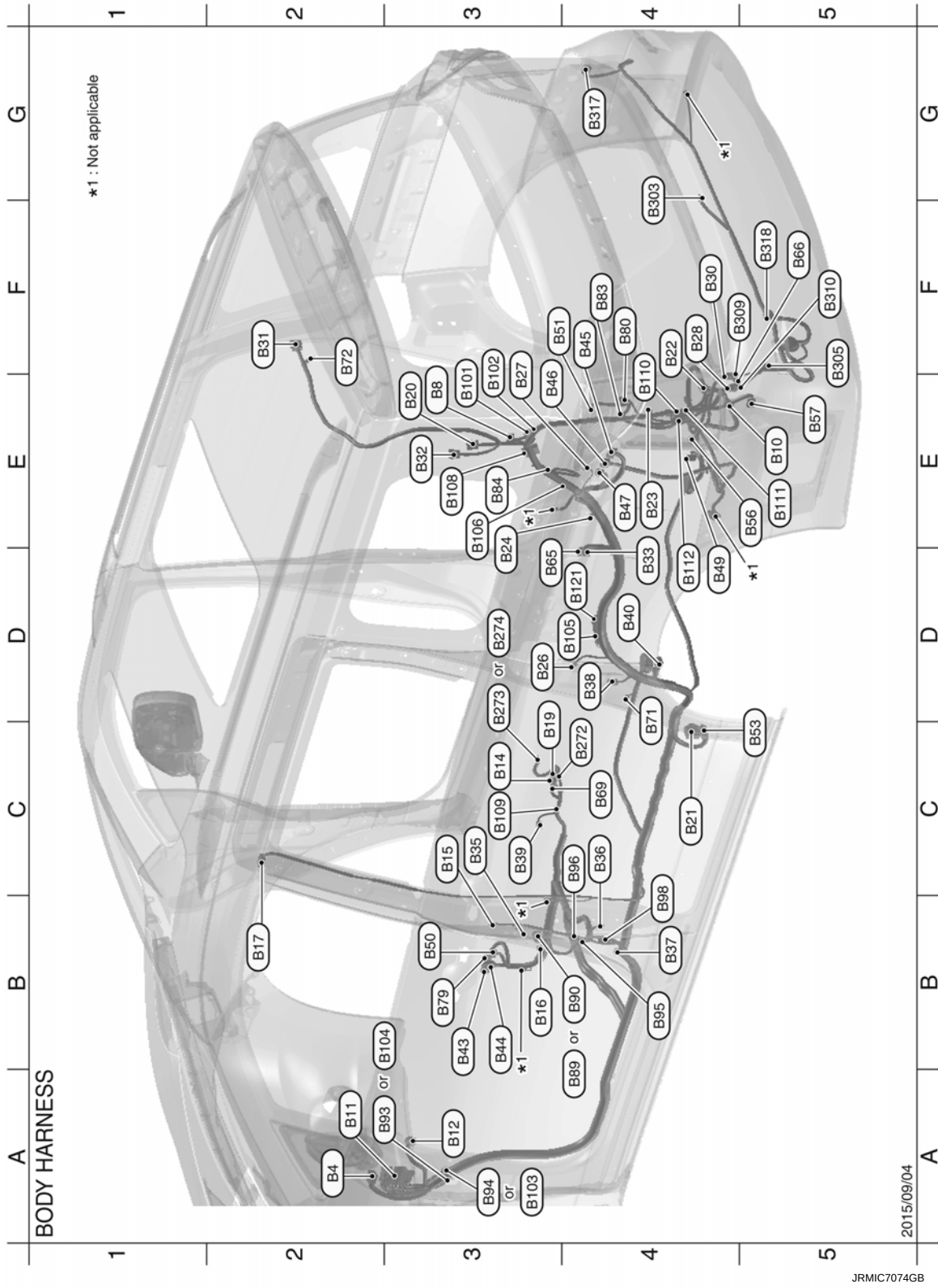
HARNESS LAYOUT

< WIRING DIAGRAM >

Body Harness

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BODY HARNESS



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HARNESS LAYOUT

< WIRING DIAGRAM >

A2	B4	W/20	: To	E104	F4	B45	W/32	: SLIDING DOOR CONTROL UNIT LH
E3	B8	W/26	: AUTOMATIC BACK DOOR CONTROL MODULE		E3	B46	W/10	: SLIDING DOOR CONTROL UNIT LH
E5	B10	B/4	: To	C11	E4	B47	W/6	: SLIDING DOOR CONTROL UNIT LH
A2	B11	W/99	: To	M77	D4	B49	W/16	: SATELLITE RADIO TUNER
A3	B12	BR/12	: FUSE BLOCK (J/B)		B3	B50	W/24	: To M160
C3	B14	Y/4	: To	B215	F3	B51	W/3	: LUGGAGE ROOM LAMP
C3	B15	-	: BODY GROUND		C5	B53	W/12	: To D194
B3	B16	Y/2	: SIDE AIR BAG MODULE LH		E5	B56	W/10	: To B486
B2	B17	G/6	: To	R103	E5	B57	B/6	: SIDE RADAR LH
D3	B19	W/8	: To	B228	D3	B65	W/4	: AUTOMATIC SLIDING DOOR UNIT LH
E3	B20	W/6	: To	D91	F5	B66	B/2	: EVAP CANISTER VENT CONTROL VALVE
C4	B21	W/16	: To	D111	C4	B69	W/8	: To B272
F4	B22	GY/3	: EVAP CONTROL SYSTEM PRESSURE SENSOR		D4	B71	W/4	: SLIDING DOOR SWITCH LH
E4	B23	B/2	: LUGGAGE ROOM POWER SOCKET		F2	B72	OR/2	: REAR CURTAIN AIR BAG MODULE LH
E3	B24	BR/2	: FUEL FILLER LID STATUS SWITCH		B3	B79	FY/22	: AIR BAG DIAGNOSIS SENSOR UNIT
D3	B26	-	: BODY GROUND		F4	B80	GY/4	: REAR COMBINATION LAMP LH
E3	B27	BR/2	: AUTOMATIC SLIDING DOOR WARNING BUZZER LH		F4	B83	W/7	: THIRD SEAT FOLD SWITCH LH
F4	B28	W/16	: To	B310	E3	B84	BR/2	: LUGGAGE SQUAWKER LH
F4	B30	W/2	: To	B309	B4	B89	W/16	: To B530
F2	B31	W/12	: To	B238	B4	B90	W/6	: To B531
E3	B32	W/24	: To	D152	A2	B93	W/4	: JOINT CONNECTOR-B09
D4	B33	W/4	: AUTOMATIC SLIDING DOOR UNIT LH		A3	B94	W/4	: JOINT CONNECTOR-B03
C3	B35	W/4	: FRONT DOOR SWITCH (DRIVER SIDE)		B4	B95	W/4	: JOINT CONNECTOR-B99
C4	B36	Y/2	: SEAT BELT PRE-TENSIONER LH		C4	B96	W/4	: JOINT CONNECTOR-B99
B4	B37	Y/2	: FRONT SATELLITE SENSOR LH		C4	B98	W/4	: JOINT CONNECTOR-B15
D4	B38	Y/2	: REAR SATELLITE SENSOR LH		E3	B101	W/4	: JOINT CONNECTOR-B02
C3	B39	B/3	: G SENSOR		E3	B102	W/4	: JOINT CONNECTOR-B04
D4	B40	GY/5	: FUEL LEVEL SENSOR UNIT AND FUEL PUMP		A3	B103	W/4	: JOINT CONNECTOR-B17
B3	B43	W/8	: To	M12	B2	B104	W/4	: JOINT CONNECTOR-B18
B3	B44	W/24	: To	M36	D4	B105	B/12	: JOINT CONNECTOR-B01

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HARNESS LAYOUT

< WIRING DIAGRAM >

E3	(B106)	W/4	: JOINT CONNECTOR-B16
E3	(B108)	W/30	: JOINT CONNECTOR-B08
C3	(B109)	W/4	: JOINT CONNECTOR-B14
E4	(B110)	W/4	: JOINT CONNECTOR-B12
E5	(B111)	W/4	: JOINT CONNECTOR-B10
D4	(B112)	W/4	: JOINT CONNECTOR-B19
D4	(B121)	B/12	: JOINT CONNECTOR-B20
C4	(B272)	W/8	: To (B69)
D3	(B273)	W/8	: AUXILIARY INPUT JACKS
D3	(B274)	W/4	: AUXILIARY INPUT JACKS
G4	(B303)	L/2	: OUTSIDE KEY ANTENNA (REAR BUMPER)
F5	(B305)	BR/2	: AUTOMATIC BACK DOOR WARNING BUZZER
F5	(B309)	W/2	: To (B30)
F5	(B310)	W/16	: To (B28)
G4	(B317)	B/6	: SIDE RADAR RH
F5	(B318)	GY/2	: WOOFER

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< WIRING DIAGRAM >



HARNESS LAYOUT

< WIRING DIAGRAM >

F4	(B97)	W/4	: JOINT CONNECTOR NO2-B09	D4	(B233)	W/2	: REAR IN-VEHICLE SENSOR	
D4	(B99)	W/4	: JOINT CONNECTOR NO2-B01	C4	(B234)	W/7	: THIRD SEAT FOLD SWITCH RH	
D4	(B100)	W/4	: JOINT CONNECTOR NO2-B02	F3	(B235)	W/4	: FRONT DOOR SWITCH (PASSENGER SIDE)	
D4	(B107)	W/6	: JOINT CONNECTOR NO2-B08	F3	(B237)	GY/16	: To (M28)	
E4	(B114)	W/4	: JOINT CONNECTOR NO2-B10	C2	(B238)	W/12	: To (B31)	
G3	(B115)	W/4	: JOINT CONNECTOR NO2-B11	E4	(B239)	W/16	: To (D113)	
D4	(B116)	W/6	: JOINT CONNECTOR NO2-B06	C4	(B241)	L/2	: INSIDE KEY ANTENNA (LUGGAGE ROOM)	
G3	(B202)	W/12	: To (M68)	E3	(B242)	L/2	: INSIDE KEY ANTENNA (CONSOLE)	
D4	(B203)	BR/2	: AUTOMATIC SLIDING DOOR WARNING BUZZER RH	D3	(B243)	-	: BODY GROUND	
E3	(B204)	W/4	: To (B270)	D3	(B244)	W/4	: AUTOMATIC SLIDING DOOR UNIT RH	
C4	(B205)	GY/4	: REAR COMBINATION LAMP RH	D3	(B245)	W/4	: AUTOMATIC SLIDING DOOR UNIT RH	
F3	(B207)	-	: BODY GROUND	F3	(B246)	FY/22	: AIR BAG DIAGNOSIS SENSOR UNIT	
D3	(B208)	-	: BODY GROUND	D4	(B247)	W/32	: SLIDING DOOR CONTROL UNIT RH	
F3	(B209)	W/4	: OCCUPANT DETECTION SYSTEM CONTROL UNIT	D4	(B248)	W/10	: SLIDING DOOR CONTROL UNIT RH	
F4	(B211)	Y/2	: FRONT SATELLITE SENSOR RH	D3	(B249)	W/6	: SLIDING DOOR CONTROL UNIT RH	
F3	(B212)	Y/2	: SIDE AIR BAG MODULE RH	C5	(B251)	BR/14	: BOSE AMP.	
F4	(B213)	Y/2	: SEAT BELT PRE-TENSIONER RH	B5	(B252)	BR/23	: BOSE AMP.	
G3	(B214)	BR/12	: To (M72)	F3	(B256)	GY/6	: To (M96)	
E3	(B215)	Y/4	: To (B14)	F3	(B257)	GY/6	: To (M159)	
D4	(B217)	Y/2	: REAR SATELLITE SENSOR RH	E4	(B258)	GY/6	: To (B259)	
G2	(B218)	W/2	: To (M69)	E4	(B259)	GY/6	: To (B258)	
C2	(B220)	Y/2	: REAR CURTAIN AIR BAG MODULE RH	E3	(B260)	G/5	: USB CONNECTOR	
D4	(B221)	W/4	: SLIDING DOOR SWITCH RH	C3	(B261)	BR/2	: LUGGAGE SQUAWKER RH	
F4	(B223)	W/6	: To (B560)	G2	(B262)	W/24	: To (M161)	
G2	(B225)	W/16	: To (M79)	E3	(B264)	W/5	: USB CONNECTOR	
C4	(B226)	B/8	: INVERTER UNIT	E4	(B270)	W/4	: To (B204)	
E3	(B228)	W/8	: To (B19)	E3	(B271)	W/4	: AC 120V OUTLET	
C4	(B230)	W/6	: To (B401)					
C4	(B231)	W/3	: To (B402)					
E4	(B232)	W/12	: To (D189)					

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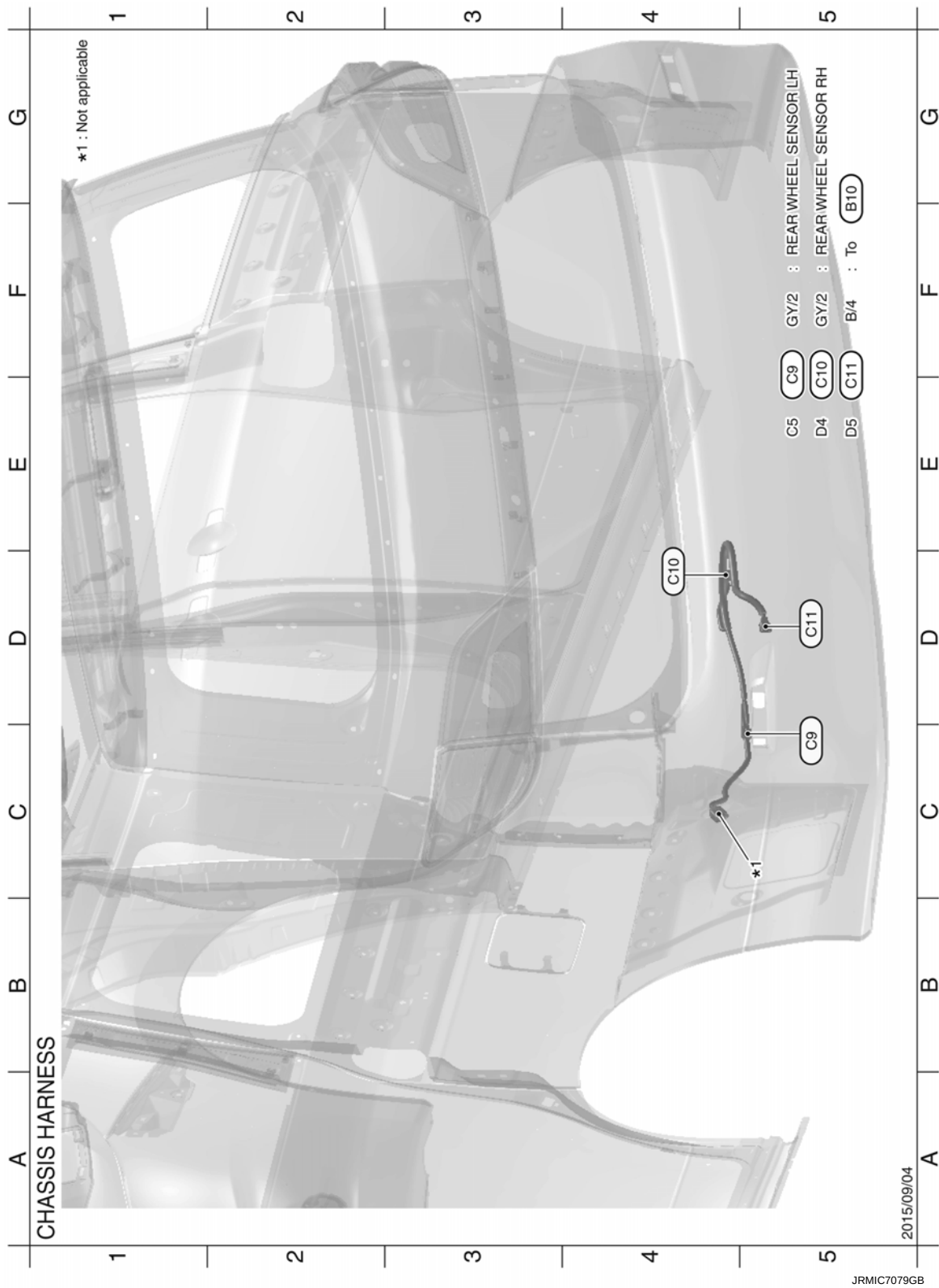
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HARNESS LAYOUT

< WIRING DIAGRAM >

Chassis Harness

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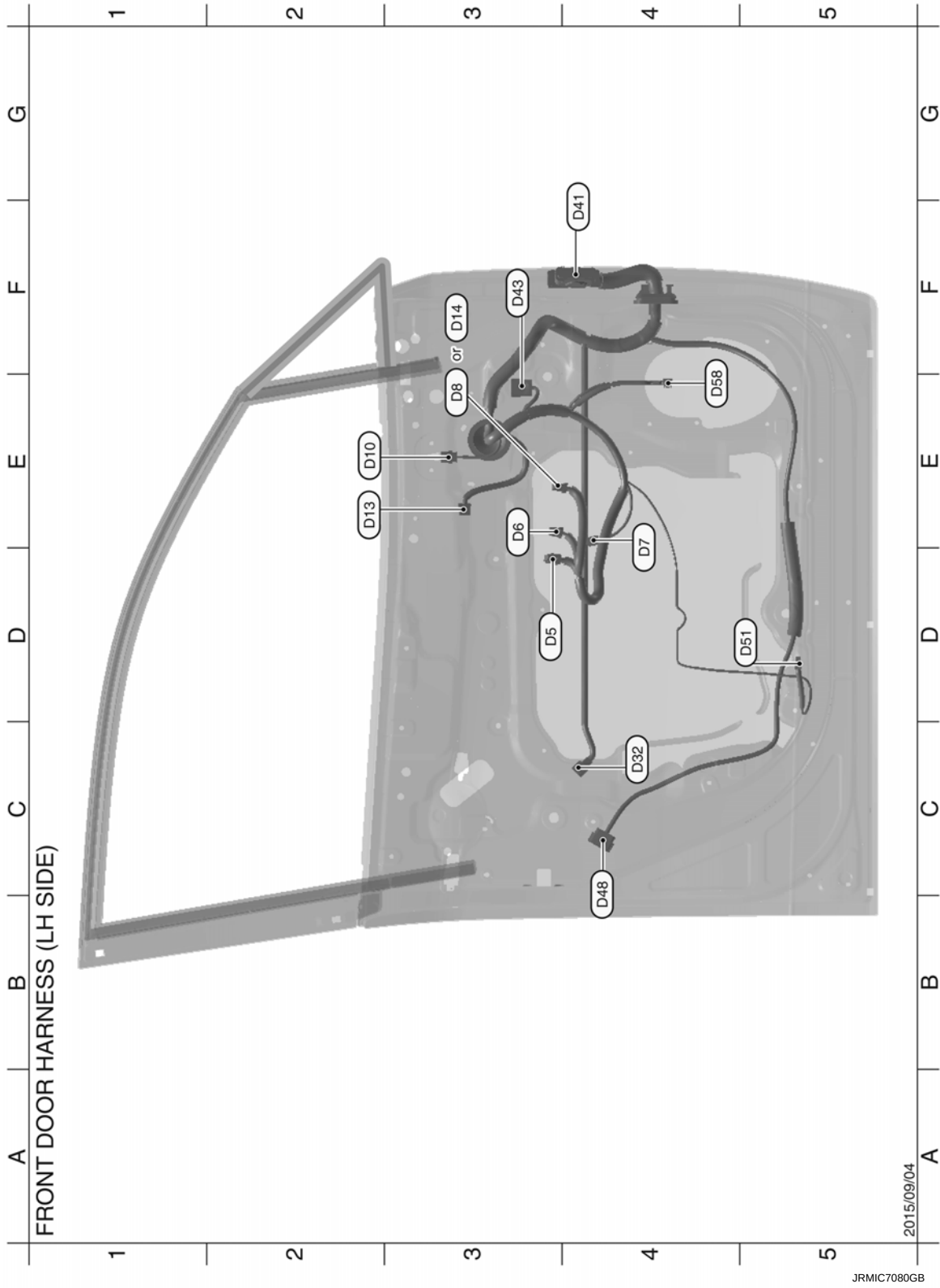
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Door Harness

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FRONT DOOR HARNESS (LH SIDE)



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HARNESS LAYOUT

< WIRING DIAGRAM >

D3	D5	W/16	: POWER WINDOW MAIN SWITCH
E3	D6	W/3	: POWER WINDOW MAIN SWITCH
E4	D7	W/6	: FRONT POWER WINDOW MOTOR (DRIVER SIDE)
E3	D8	W/16	: DOOR MIRROR REMOTE CONTROL SWITCH
E2	D10	Y/2	: FRONT DOOR SATELLITE SENSOR LH
E2	D13	W/8	: SEAT MEMORY SWITCH
F3	D14	BR/16	: DOOR MIRROR REMOTE CONTROL SWITCH
C4	D32	B/4	: FRONT DOOR OUTSIDE HANDLE ASSEMBLY LH
F4	D41	W/55	: To M18
F3	D43	W/24	: DOOR MIRROR (DRIVER SIDE)
C4	D48	GY/6	: FRONT DOOR LOCK ASSEMBLY (DRIVER SIDE)
D5	D51	W/2	: STEP LAMP (DRIVER SIDE)
E4	D58	W/2	: FRONT DOOR WOOFER LH

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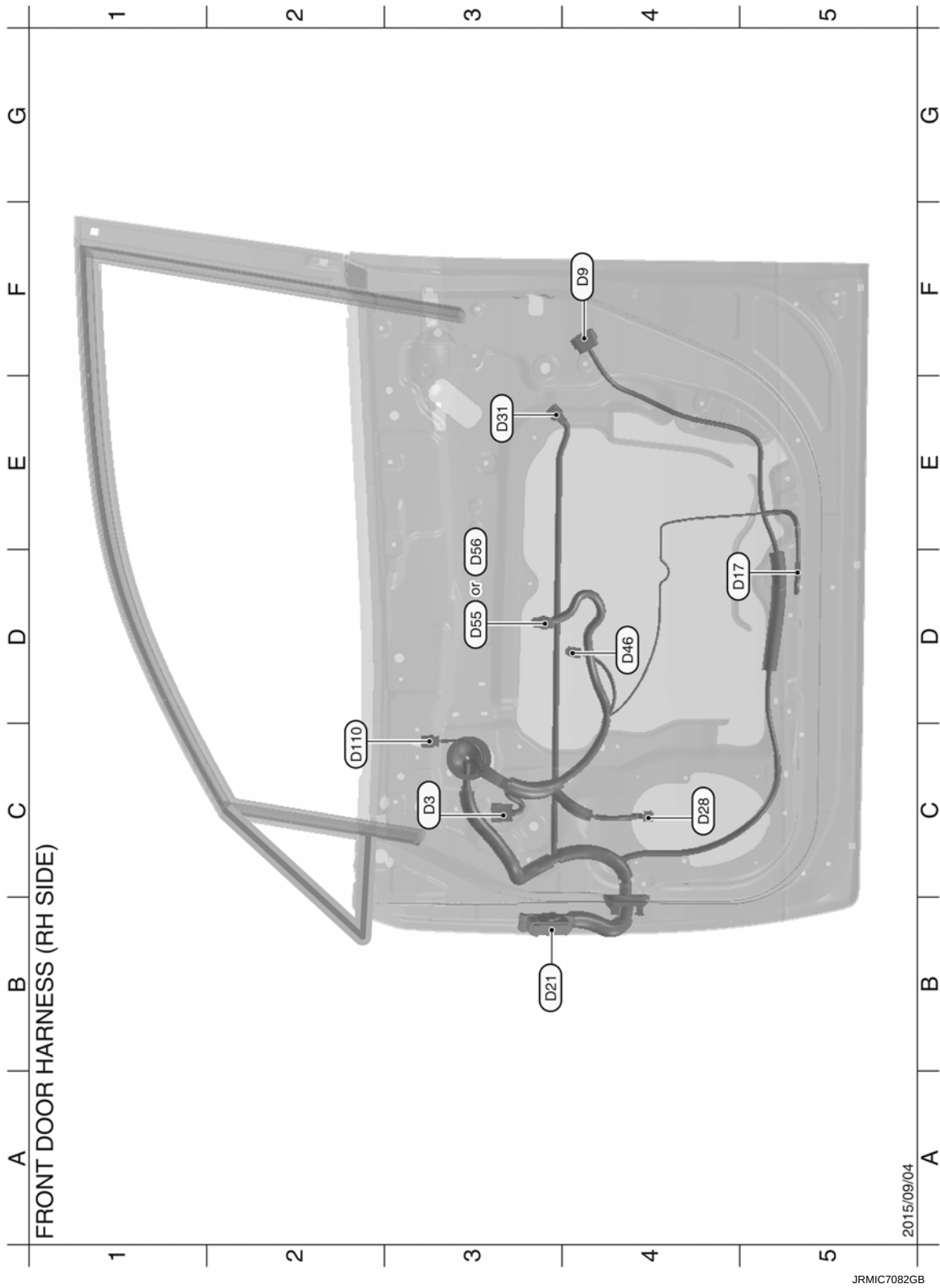
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HARNESS LAYOUT

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FRONT DOOR HARNESS (RH SIDE)



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HARNESS LAYOUT

< WIRING DIAGRAM >

C3	D3	W/24	: DOOR MIRROR (PASSENGER SIDE)
F4	D9	GY/6	: FRONT DOOR LOCK ASSEMBLY (PASSENGER SIDE)
D4	D17	W/2	: STEP LAMP (PASSENGER SIDE)
B3	D21	W/55	: To M20
C4	D28	W/2	: FRONT DOOR WOOFER RH
E3	D31	B/4	: FRONT DOOR OUTSIDE HANDLE ASSEMBLY RH
D4	D46	W/6	: FRONT POWER WINDOW MOTOR (PASSENGER SIDE)
D3	D55	W/16	: FRONT POWER WINDOW SWITCH (PASSENGER SIDE)
D3	D56	W/12	: FRONT POWER WINDOW SWITCH (PASSENGER SIDE)
C2	D110	Y/2	: FRONT DOOR SATELLITE SENSOR RH

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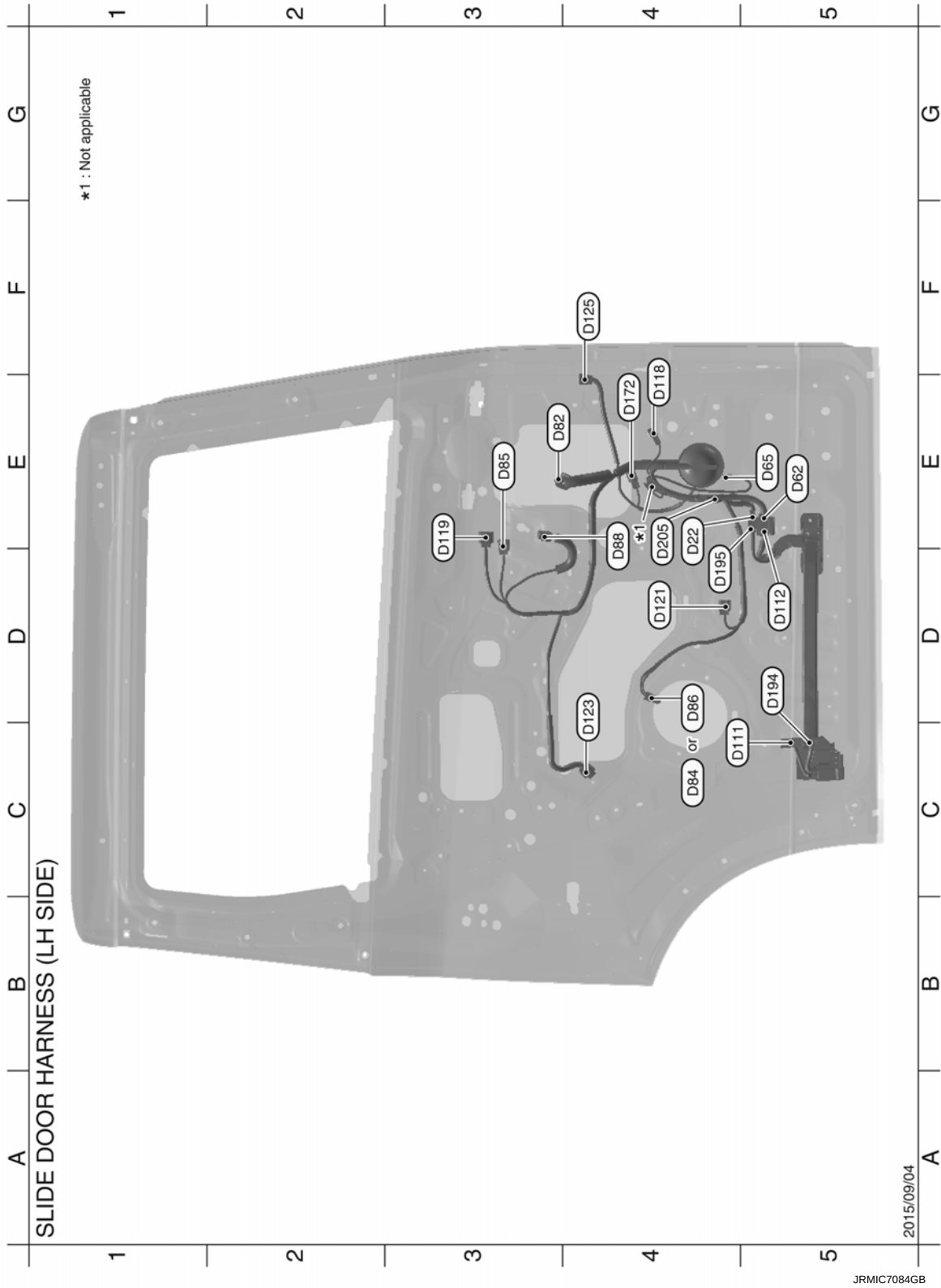
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HARNESS LAYOUT

< WIRING DIAGRAM >

SLIDE DOOR HARNESS (LH SIDE)



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HARNESS LAYOUT

< WIRING DIAGRAM >

E4	(D22)	W/12	: To	(D195)	
E5	(D62)	W/16	: To	(D112)	
E5	(D65)	BR/2	: SLIDE DOOR SQUAWKER LH		
E3	(D82)	GY/6	: SLIDING DOOR POWER WINDOW MOTOR LH		
C4	(D84)	W/2	: SLIDE DOOR SPEAKER LH		
E3	(D85)	GY/2	: SLIDING DOOR LOCK ASSEMBLY LH		
D4	(D86)	BR/2	: SLIDE DOOR SPEAKER LH		
E4	(D88)	W/8	: SLIDING DOOR POWER WINDOW SWITCH LH		
C4	(D111)	W/16	: To	(B21)	
D5	(D112)	W/16	: To	(D62)	
E4	(D118)	W/4	: REMOTE CONTROL ASSEMBLY LH		
E3	(D119)	GY/3	: SLIDING DOOR LOCK STATUS SWITCH LH		
D4	(D121)	GY/2	: SLIDING DOOR LOCK RELEASE ACTUATOR LH		
D4	(D123)	GY/6	: SLIDING DOOR LOCK ASSEMBLY LH		
F4	(D125)	B/2	: SLIDING DOOR ONE-TOUCH OPEN / CLOSE SWITCH LH		
E4	(D172)	B/2	: SLIDING DOOR TOUCH SENSOR LH		
D5	(D194)	W/12	: To	(B53)	
D4	(D195)	W/12	: To	(D22)	
E4	(D205)	W/4	: JOINT CONNECTOR RL-D01		

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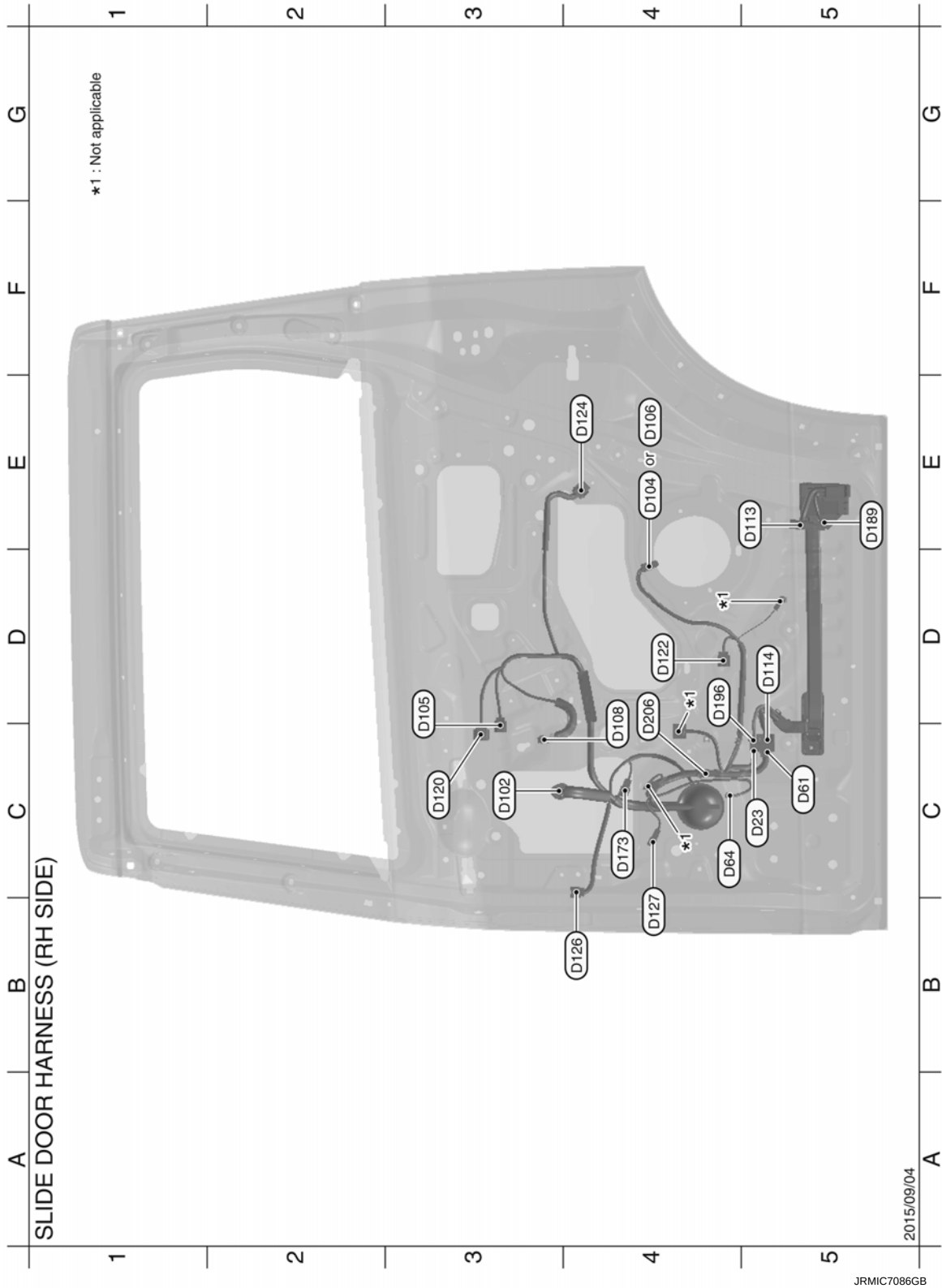
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HARNESS LAYOUT

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SLIDE DOOR HARNESS (RH SIDE)



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HARNESS LAYOUT

< WIRING DIAGRAM >

C5	D23	W/12	: To	D196	
C5	D61	W/16	: To	D114	
C4	D64	BR/2	: SLIDE DOOR SQUAWKER RH		
C3	D102	GY/6	: SLIDING DOOR POWER WINDOW MOTOR RH		
E4	D104	W/2	: SLIDE DOOR SPEAKER RH		
D3	D105	GY/2	: SLIDING DOOR LOCK ASSEMBLY RH		
E4	D106	BR/2	: SLIDE DOOR SPEAKER RH		
C4	D108	W/8	: SLIDING DOOR POWER WINDOW SWITCH RH		
E5	D113	W/16	: To	B239	
D5	D114	W/16	: To	D61	
C3	D120	GY/3	: SLIDING DOOR LOCK STATUS SWITCH RH		
D4	D122	GY/2	: SLIDING DOOR LOCK RELEASE ACTUATOR RH		
E4	D124	GY/6	: SLIDING DOOR LOCK ASSEMBLY RH		
B4	D126	B/2	: SLIDING DOOR ONE-TOUCH OPEN / CLOSE SWITCH RH		
B4	D127	W/4	: REMOTE CONTROL ASSEMBLY RH		
C4	D173	B/2	: SLIDING DOOR TOUCH SENSOR RH		
E5	D189	W/12	: To	B232	
D4	D196	W/12	: To	D23	
D4	D206	W/4	: JOINT CONNECTOR RR-D01		

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BACK DOOR HARNESS



HARNESS LAYOUT

< WIRING DIAGRAM >

B2	D91	W/6	: To	B20
C3	D92	W/6	: To	D158
B2	D152	W/24	: To	B32
E2	D154	B/2	: HIGH-MOUNTED STOP LAMP	
C4	D155	G/2	: BACK-UP LAMP LH	
E3	D158	W/6	: To	D92
D3	D159	W/16	: To	D188
E4	D162	BR/2	: LICENSE PLATE LAMP LH	
E4	D163	BR/2	: LICENSE PLATE LAMP RH	
D4	D165	W/2	: BACK DOOR TOUCH SENSOR LH	
D4	D167	W/4	: REAR VIEW CAMERA	
D4	D169	GY/6	: AUTOMATIC BACK DOOR CLOSE SWITCH	
F3	D181	W/10	: BACK DOOR CONTROL UNIT	
C3	D184	B/1	: REAR WINDOW DEFOGGER	
G2	D185	B/1	: REAR WINDOW DEFOGGER	
E3	D186	W/4	: BACK DOOR OPENER SWITCH ASSEMBLY	
D2	D188	W/16	: To	D159
D4	D190	W/8	: BACK DOOR LOCK ASSEMBLY	
F3	D191	GY/2	: BACK DOOR TOUCH SENSOR RH	
F3	D192	G/2	: BACK-UP LAMP RH	
E2	D193	W/4	: REAR WIPER MOTOR	
E4	D197	W/4	: REAR CAMERA	

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2015/09/04

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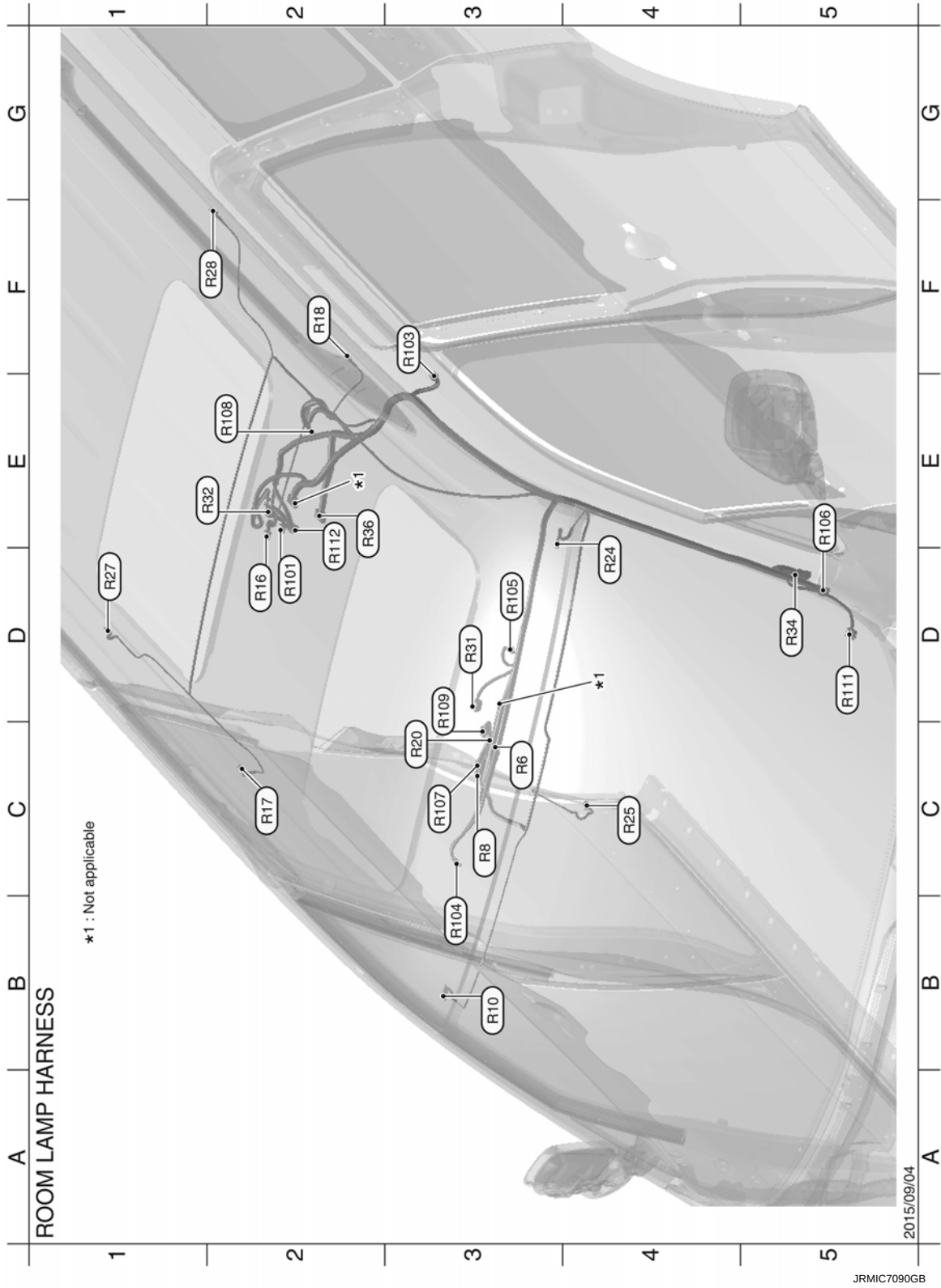
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HARNESS LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

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HARNESS LAYOUT

< WIRING DIAGRAM >

C3	R6	W/8	: SUNROOF SWITCH (FRONT)
C3	R8	W/12	: To R107
B3	R10	W/2	: VANITY MIRROR LAMP RH
D2	R16	W/12	: REAR A/C CONTROL
C2	R17	W/3	: SECOND PERSONAL LAMP RH
F2	R18	W/3	: SECOND PERSONAL LAMP LH
C3	R20	W/4	: MICROPHONE
D4	R24	W/2	: VANITY MIRROR LAMP LH
C4	R25	B/10	: AUTO ANTI-DAZZLING INSIDE MIRROR
D1	R27	W/3	: THIRD PERSONAL LAMP RH
F2	R28	W/3	: THIRD PERSONAL LAMP LH
D3	R31	GY/10	: FRONT SUNROOF MOTOR ASSEMBLY
E1	R32	GY/10	: REAR SUNROOF MOTOR ASSEMBLY
D5	R34	W/24	: To M170
E2	R36	W/32	: REAR DISPLAY UNIT
D2	R101	W/12	: REAR A/C CONTROL
F3	R103	G/6	: To B17
B3	R104	Y/2	: FRONT CURTAIN AIR BAG MODULE RH
D3	R105	OR/2	: FRONT CURTAIN AIR BAG MODULE LH
E5	R106	W/16	: To M22
C3	R107	W/12	: To R8
E2	R108	W/4	: REMOTE KEYLESS ENTRY RECEIVER
D3	R109	GY/6	: MAP LAMP
D5	R111	W/8	: To M73
E2	R112	W/3	: REAR SUNROOF SWITCH (REAR)

2015/09/04

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BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

INFOID:000000012405188

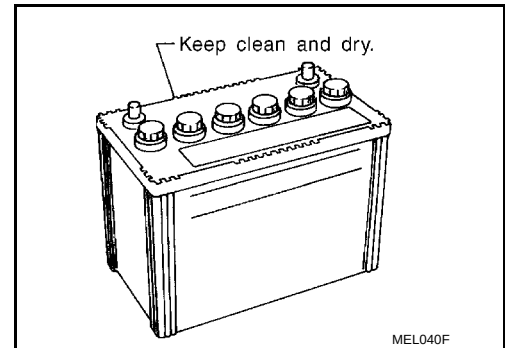
CAUTION:

- 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.

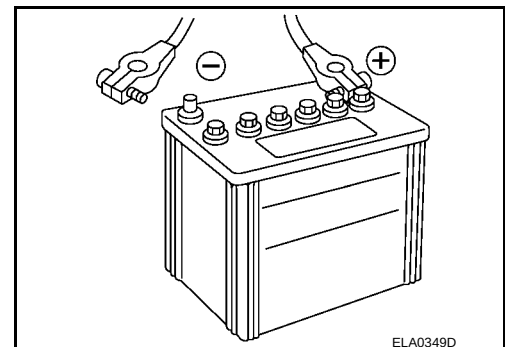
METHODS OF PREVENTING OVER-DISCHARGE

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:000000012405189

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

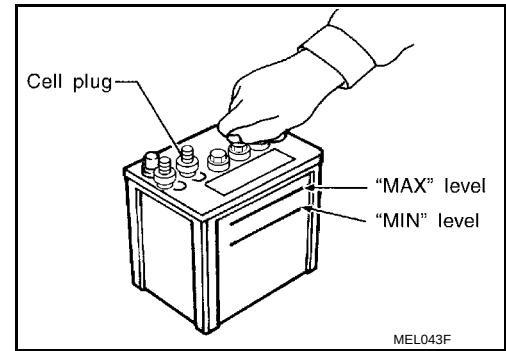
WARNING:

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

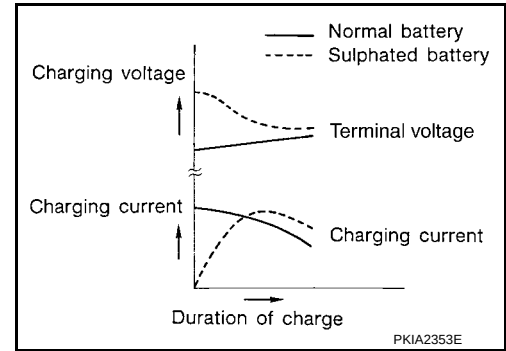
< BASIC INSPECTION >

- 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.



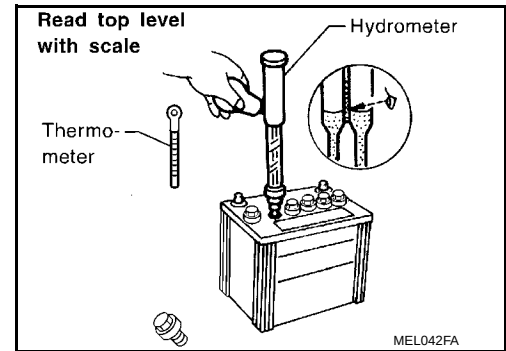
Specific Gravity Check

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

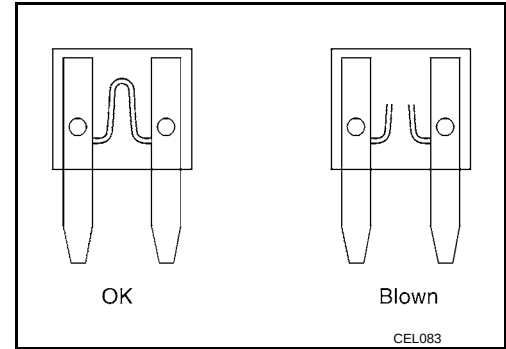
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

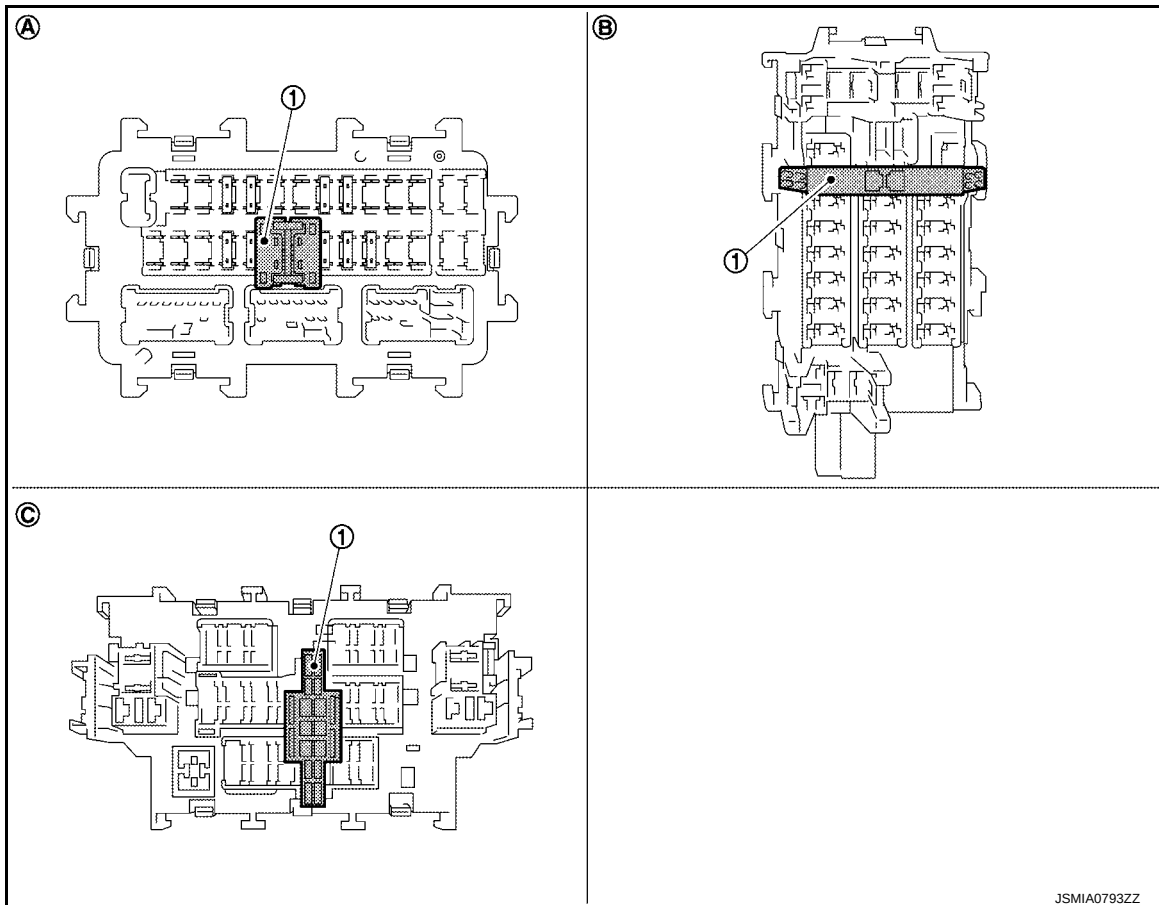
INFOID:000000012405190

- 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

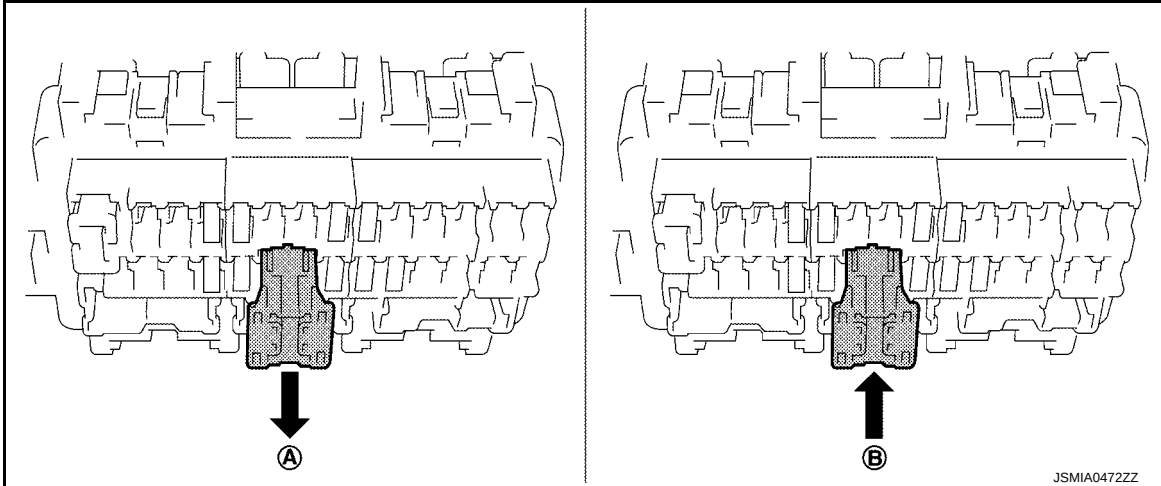
CAUTION:

- 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

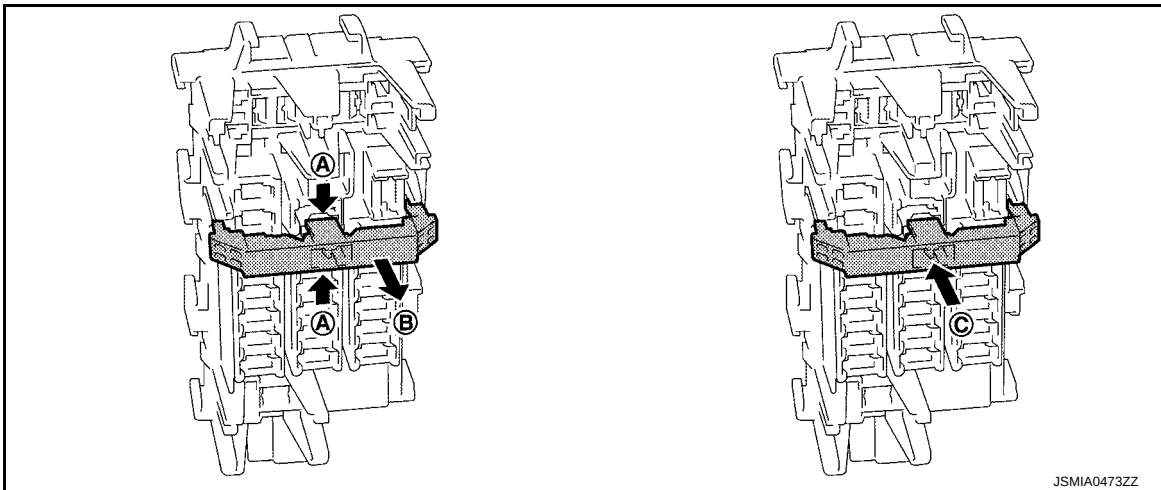
< BASIC INSPECTION >

- Type A



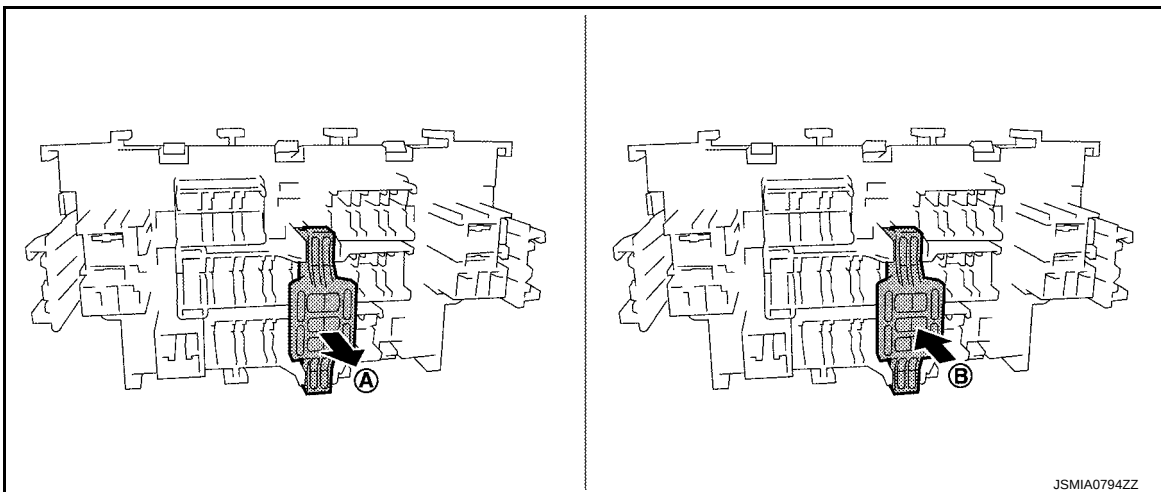
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

- 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.

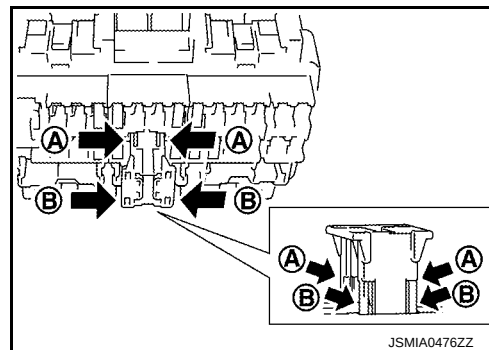
How To Remove Extended Storage Fuse Switch

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.

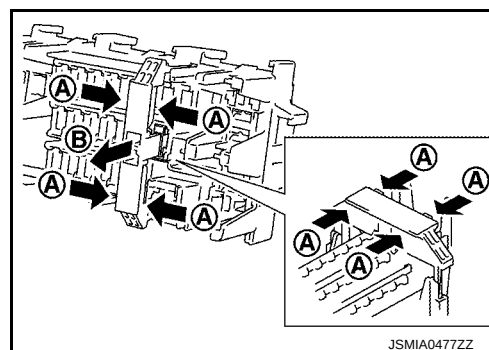


NOTE:

- 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.

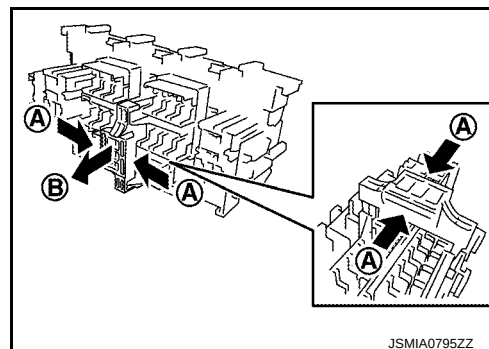


NOTE:

- 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

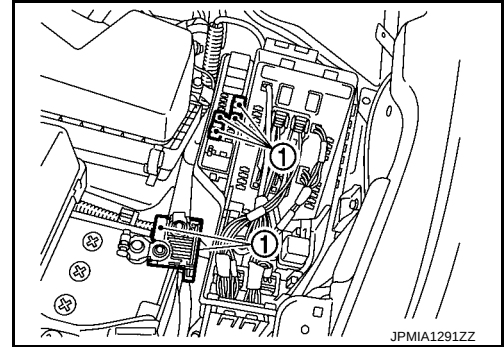
How To Check

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.



INFOID:0000000012405191

BATTERY

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

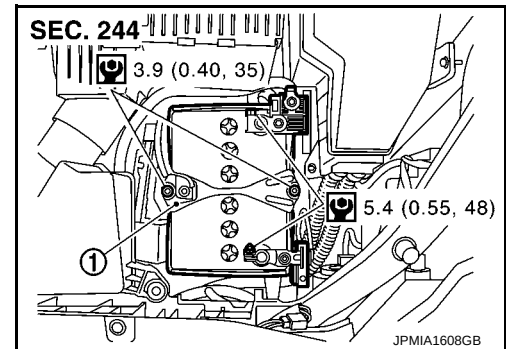
BATTERY

Exploded View

INFOID:000000012405192

1 : Battery fix frame

 : N·m (kg-m, in-lb)



Removal and Installation

INFOID:000000012405193

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-59, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

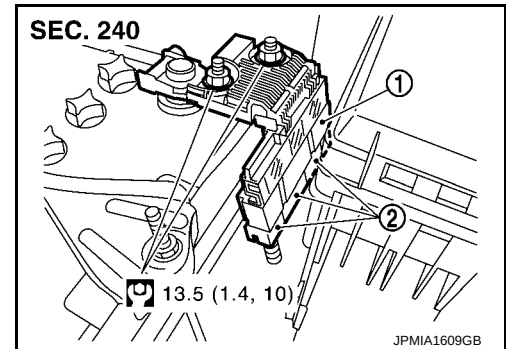
Exploded View

INFOID:0000000012405194

1 : Battery terminal with fusible link

2 : Harness connector

 : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:0000000012405195

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-136, "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-136, "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

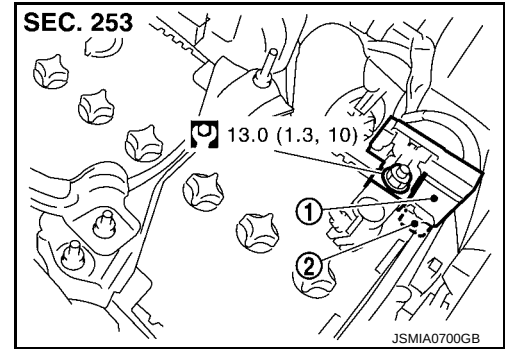
< REMOVAL AND INSTALLATION >

BATTERY CURRENT SENSOR

Exploded View

INFOID:0000000012405196

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



Removal and Installation

INFOID:0000000012405197

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-136, "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:0000000012405198

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

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