

SECTION **PG**

**POWER SUPPLY, GROUND & CIRCUIT ELEMENTS**

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# PRECAUTIONS

< PRECAUTION >

## PRECAUTION

### PRECAUTIONS

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

INFOID:000000012405146

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:**

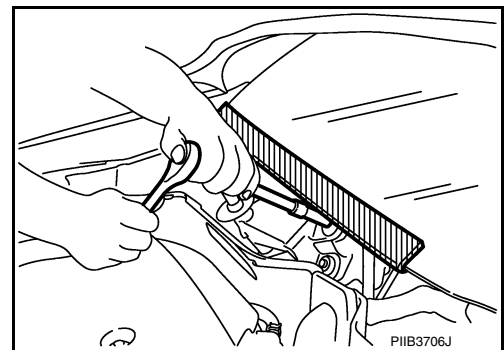
Always observe the following items for preventing accidental activation.

- 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:000000012405148

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:000000013056686

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

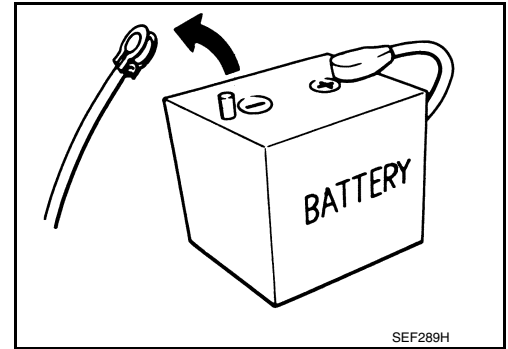
- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.

# 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


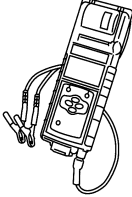
< PREPARATION >

## PREPARATION

### PREPARATION

#### Special Service Tools

INFOID:0000000012405149

Tool number (TechMate No.) Tool name	Description
<p>— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station</p>  <p>AWI1A1239ZZ</p>	<p>Tests batteries, starting and charging systems and charges batteries. For operating instructions, refer to diagnostic station instruction manual.</p>
<p>— (—) Model EXP-800 NI Battery and electrical diagnostic analyzer</p>  <p>JSMIA0806ZZ</p>	<p>Tests batteries and charging systems. For operating instructions, refer to diagnostic analyzer instruction manual.</p>

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# COMPONENT PARTS

< SYSTEM DESCRIPTION >

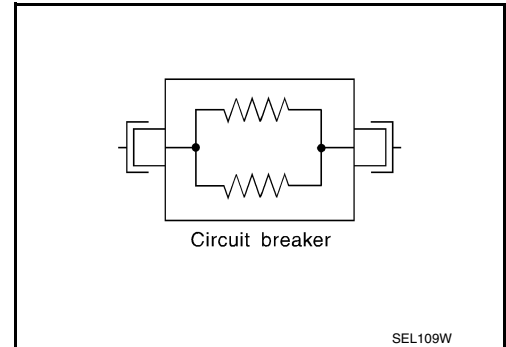
## SYSTEM DESCRIPTION

### 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.

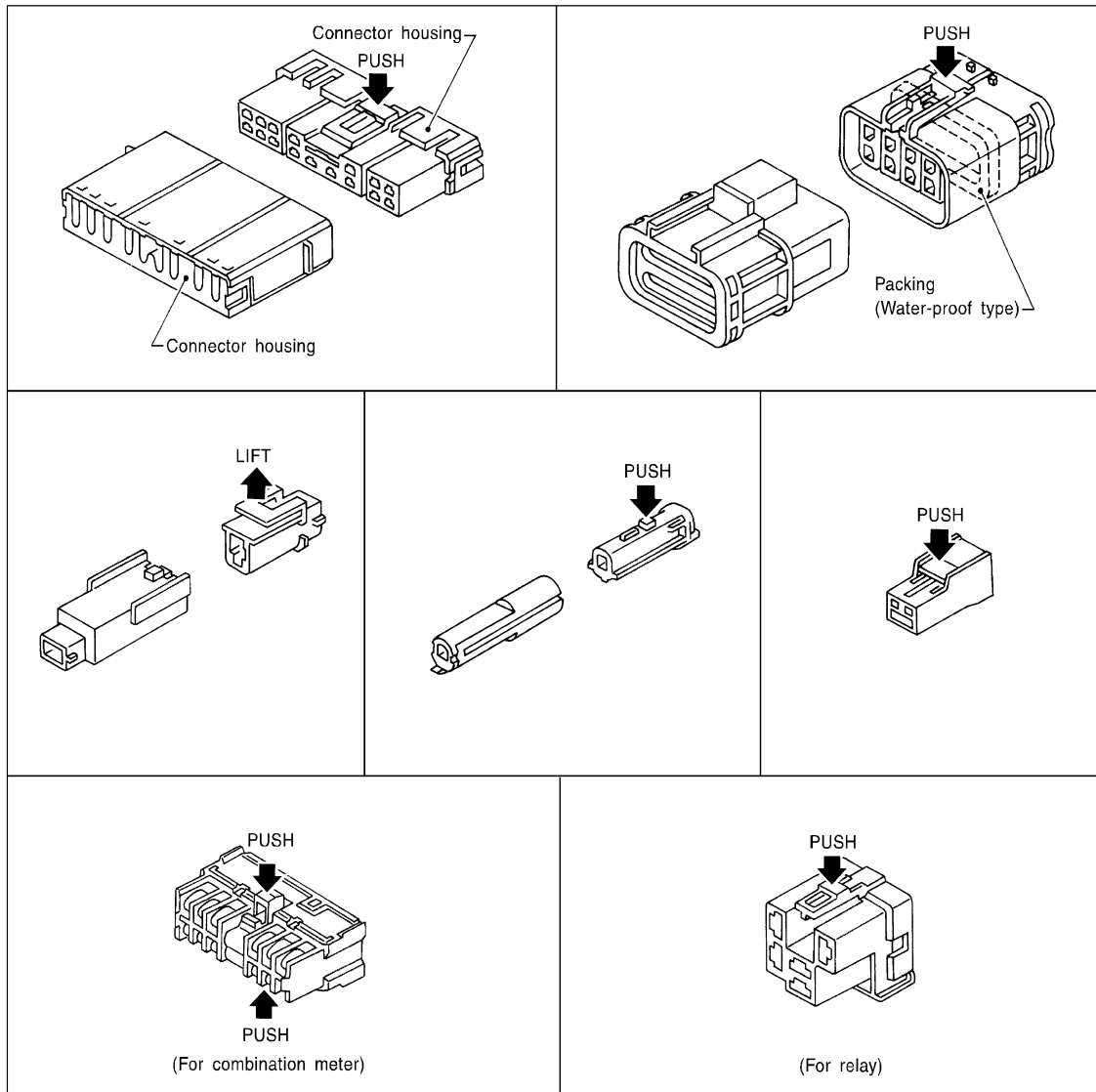
**CAUTION:**

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

# COMPONENT PARTS

## < SYSTEM DESCRIPTION >

[Example]



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SEL769DA

### HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

#### **CAUTION:**

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

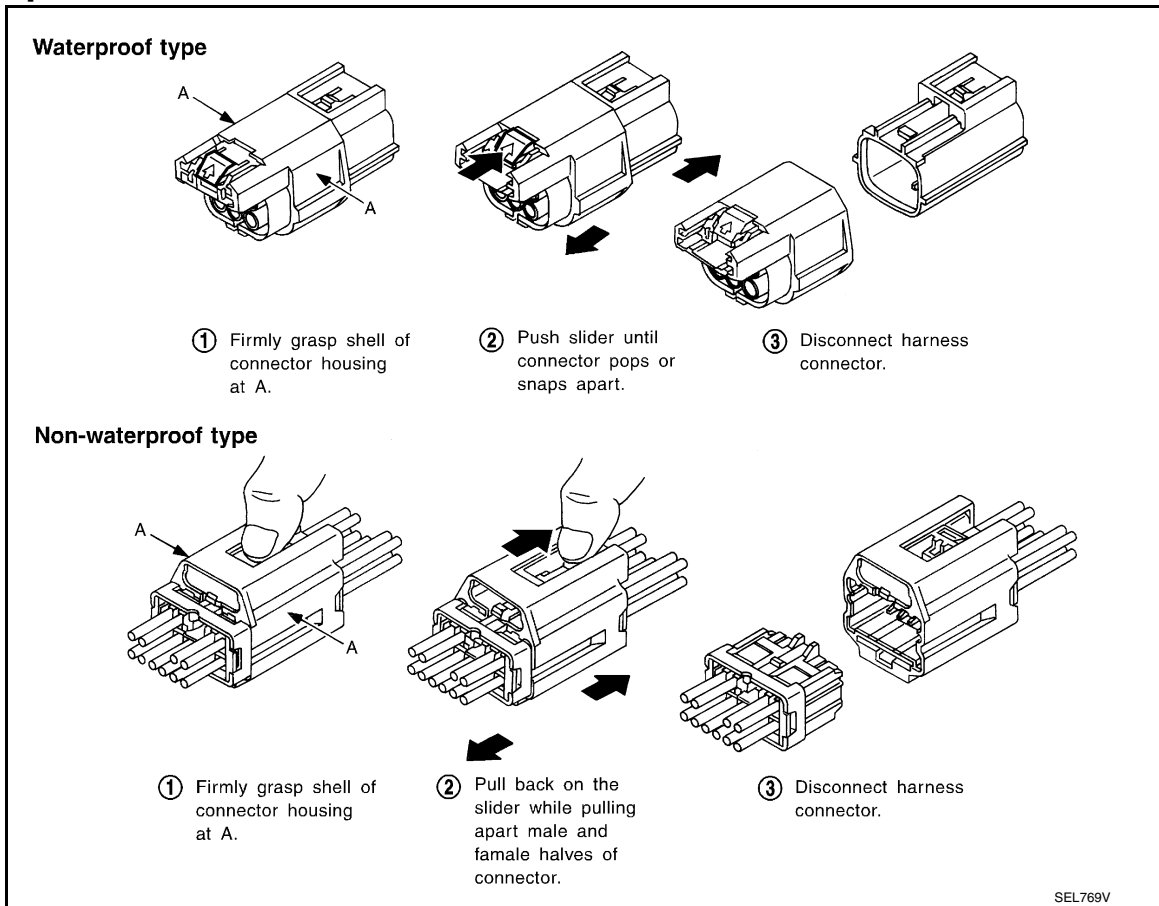
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# COMPONENT PARTS

## < 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.

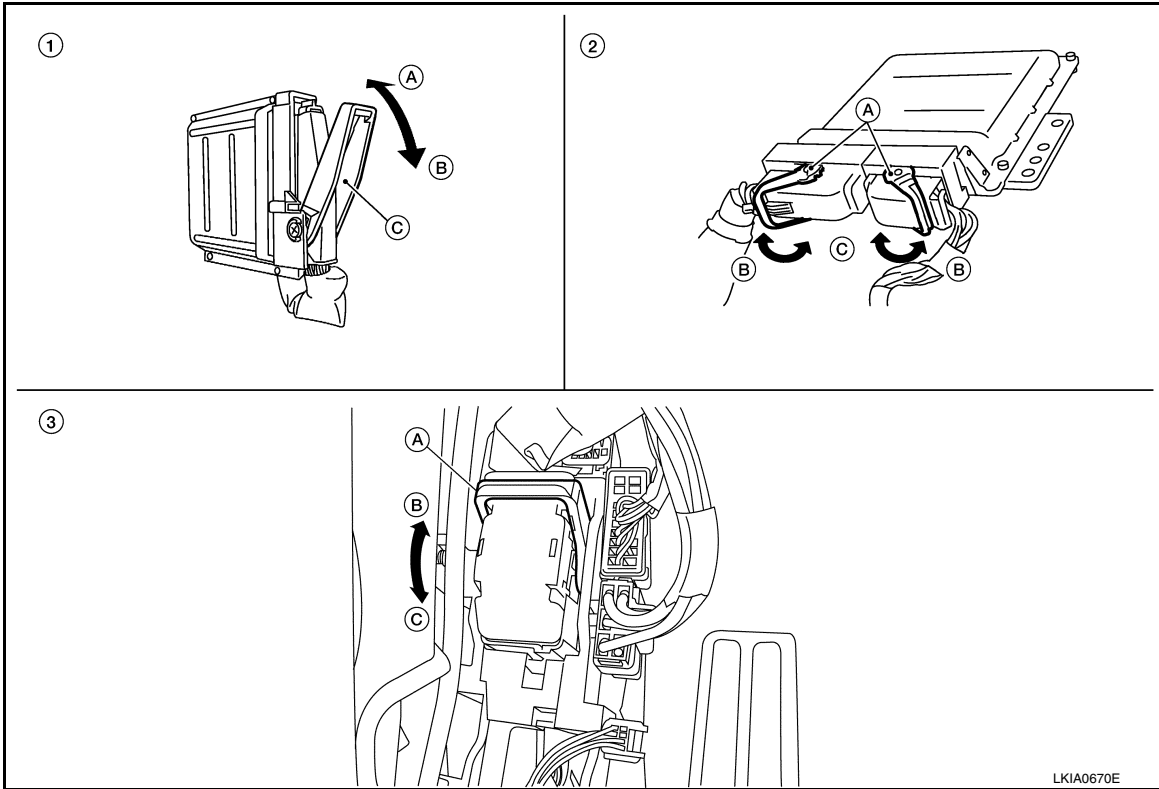
**CAUTION:**



# 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.



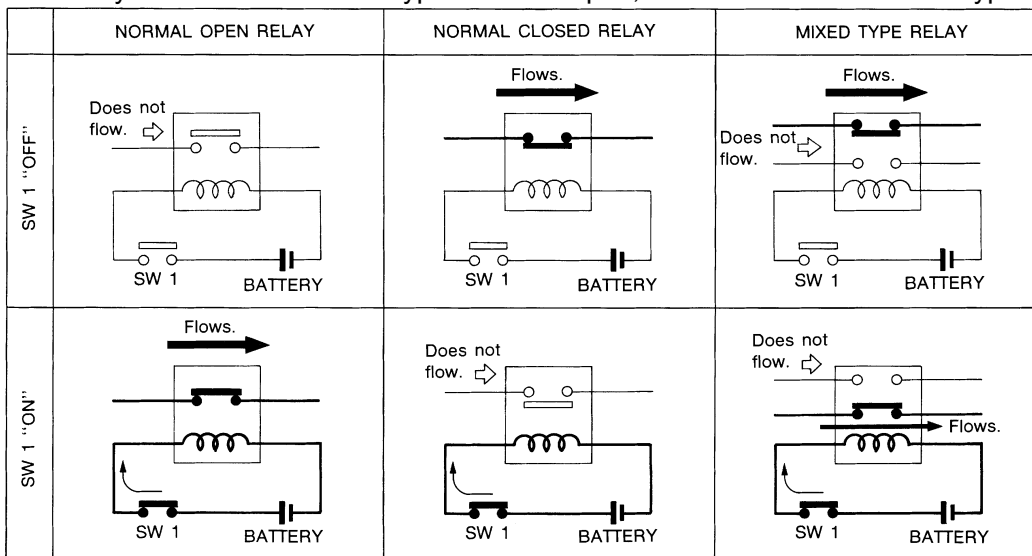
- |  |  |   |
|--|--|---|
| <p>1. Control unit with single lever</p> <p>A. Fasten</p> <p>B. Loosen</p> <p>C. Lever</p> | <p>2. Control unit with dual levers</p> <p>A. Levers</p> <p>B. Fasten</p> <p>C. Loosen</p> | <p>3. SMJ connector</p> <p>A. Lever</p> <p>B. Fasten</p> <p>C. Loosen</p> |
|--|--|---|

## Standardized Relay

INFOID:000000012405153

### 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

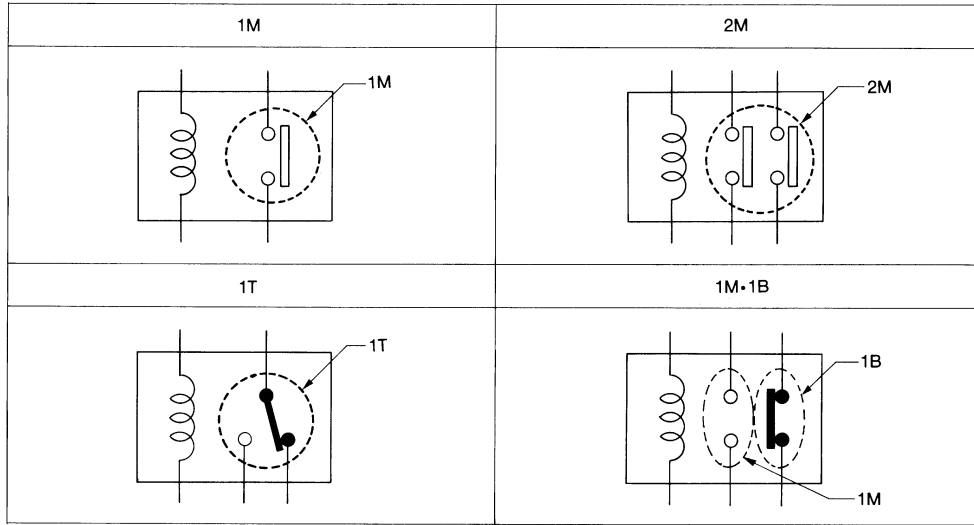
## < SYSTEM DESCRIPTION >

1M ..... 1 Make

2M ..... 2 Make

1T ..... 1 Transfer

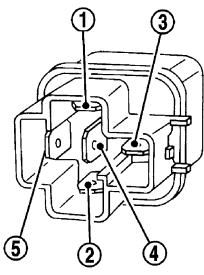
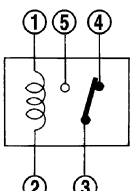
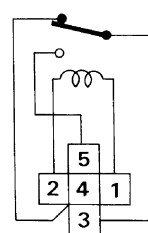
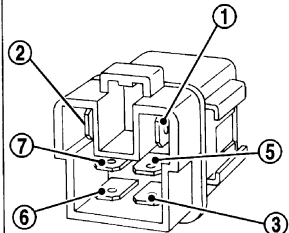
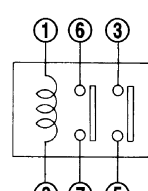
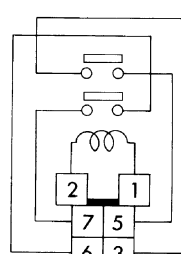
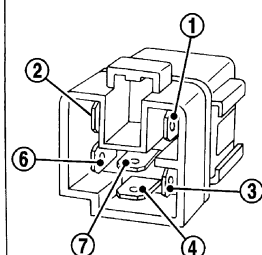
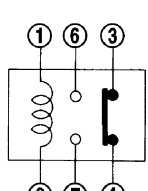
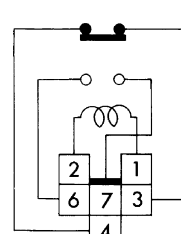
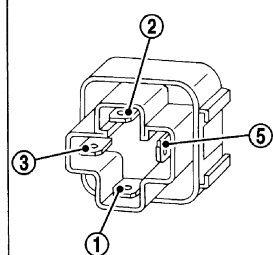
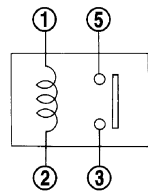
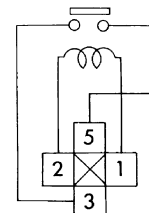
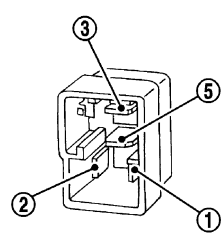
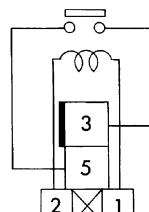
1M·1B ..... 1 Make 1 Break



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.

SEL188W

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# POWER SUPPLY ROUTING CIRCUIT

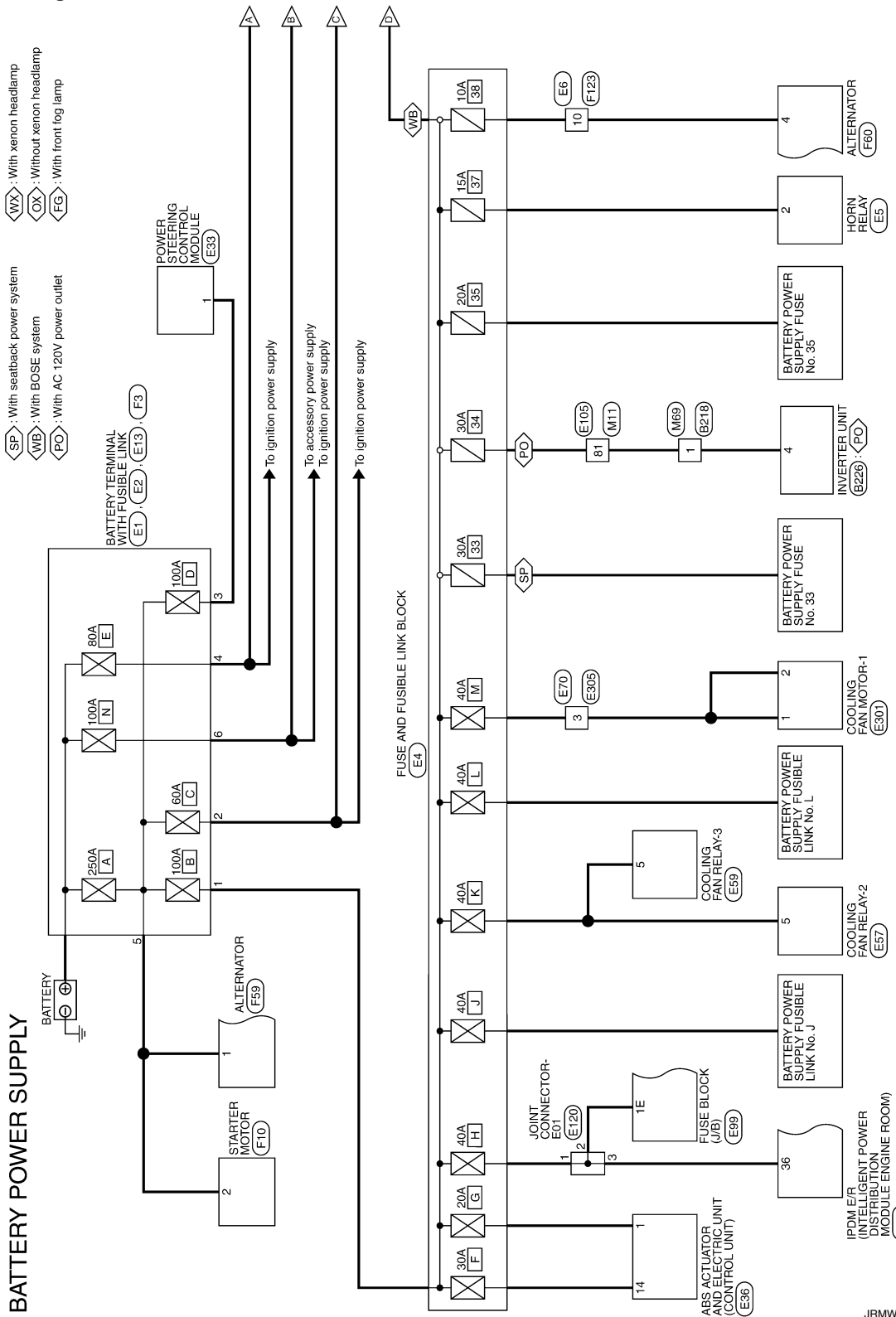
< WIRING DIAGRAM >

## WIRING DIAGRAM

### POWER SUPPLY ROUTING CIRCUIT

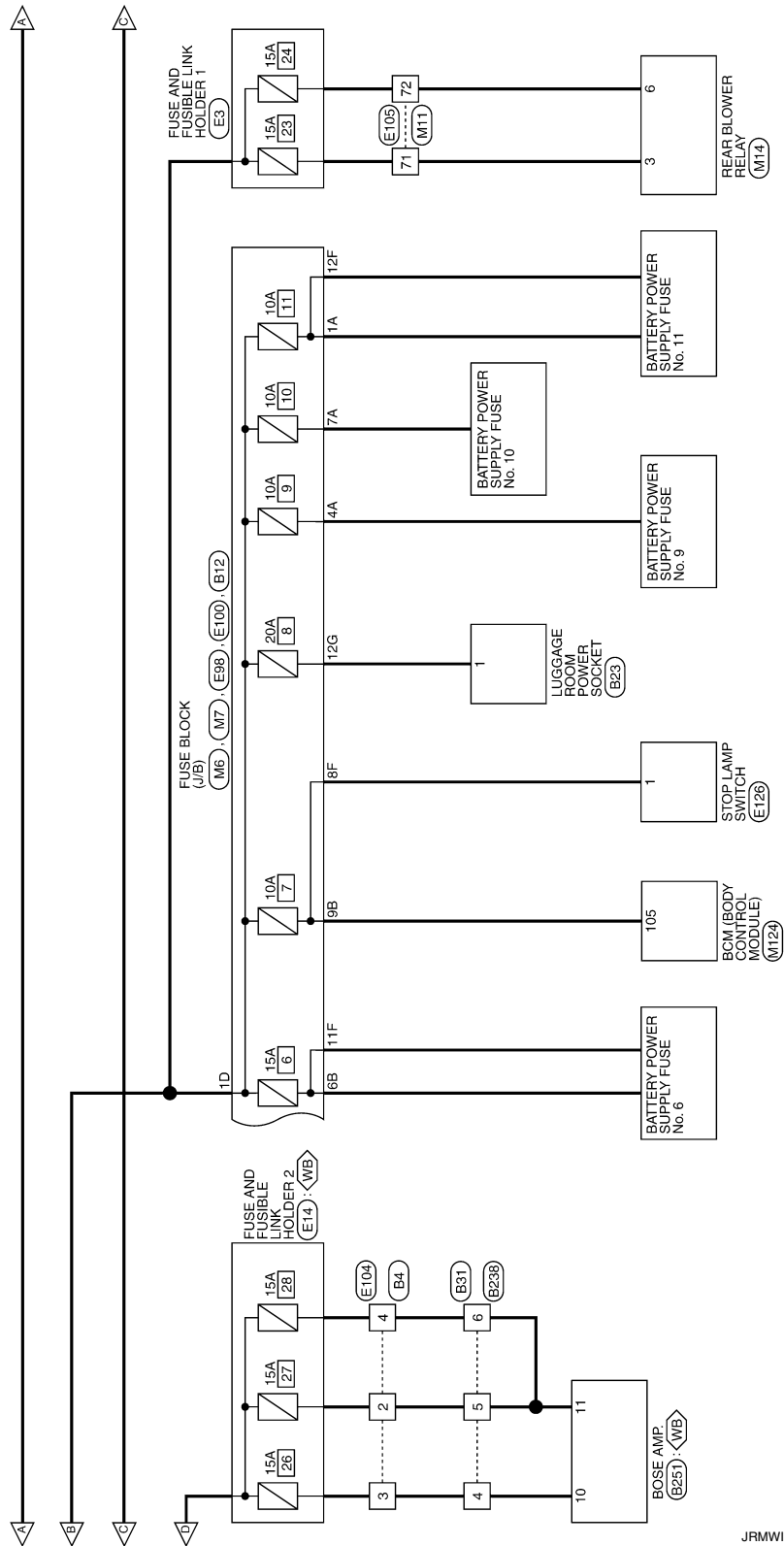
#### Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000012405154



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

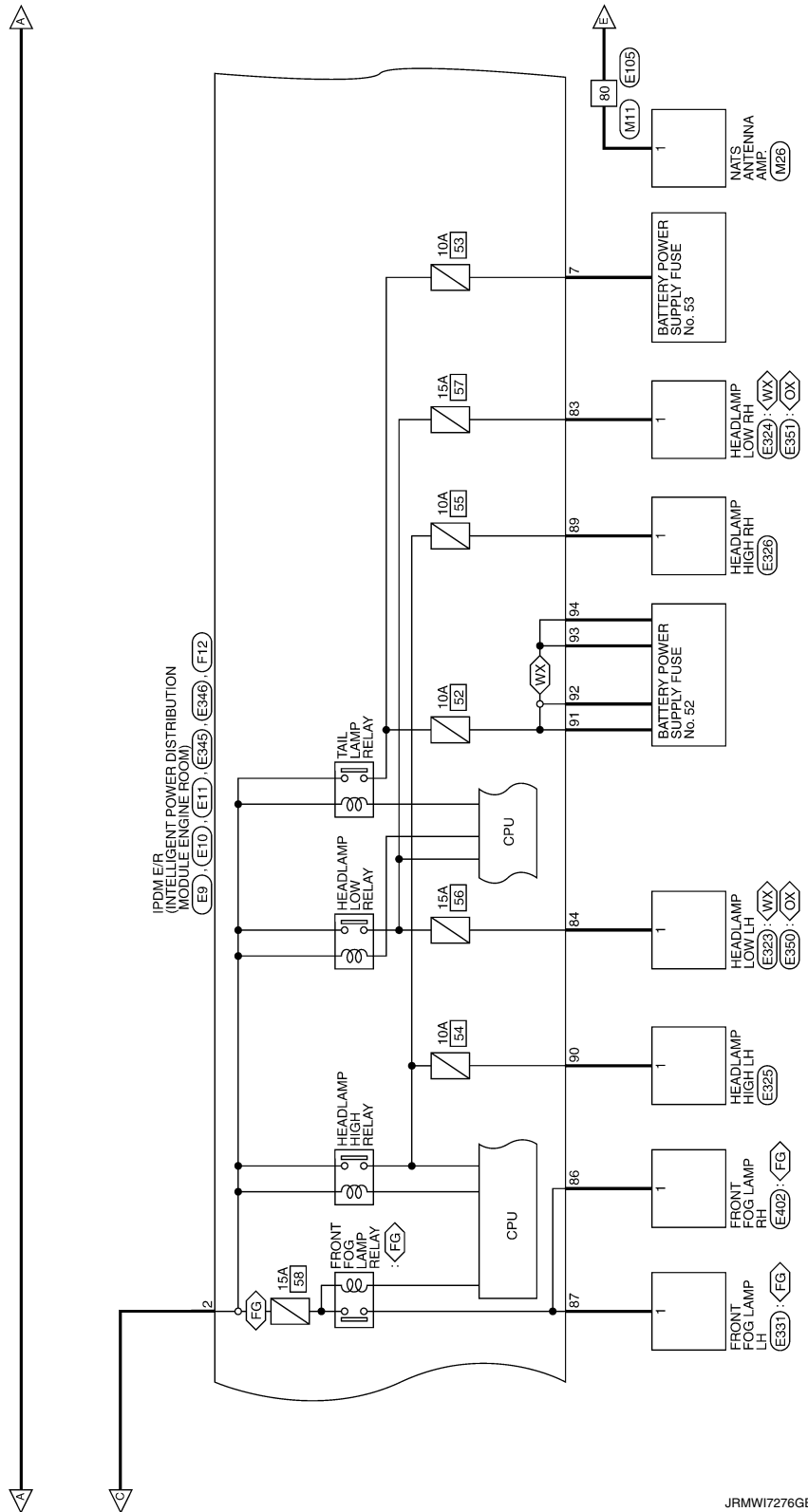


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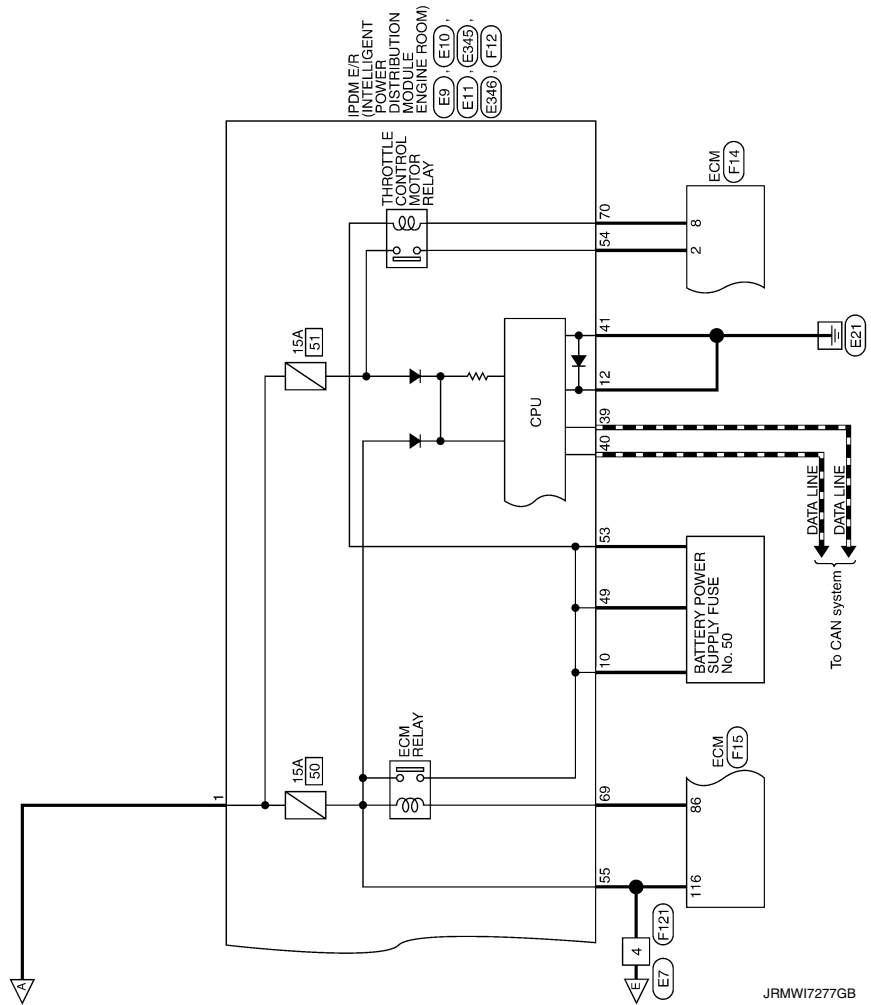
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



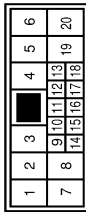
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	134
Connector Name	WIRE TO WIRE
Connector Type	NS120MW-CS10



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	V	-
14	LG	-
15	V	-
16	O	-
17	G	-
18	V	-
19	G	-
20	SB	-

Connector No.	188
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH203PW-T86



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

Connector No.	812
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS1218BK-CS



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

Connector No.	B23
Connector Name	LUGGAGE ROOM POWER SOCKET
Connector Type	P02FB-2



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

Connector No.	827
Connector Name	AUTOMATIC SLIDING DOOR WARNING BUZZER LH
Connector Type	RK02EBR



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

Connector No.	B31
Connector Name	WIRE TO WIRE
Connector Type	NS1218MW-CS



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	-

JRMWI7278GB





# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



## BATTERY POWER SUPPLY

Connector No.	B45
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	TR32FN-WH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	MAIN SW
3	R	KNOB LOCK
4	GR	A-SIGN
5	L	HAL-LATCH
6	P	IGN
8	W	BUZZER
9	P	CANL
10	L	CANH
11	P	ENCODER POWER
12	GR	ELEC B
14	GR	ONETOUCH OPEN SW
15	R	NEUTRAL SW
17	GR	FUELLID SW
18	W	FUELL SW
19	P	DRIVERSW
21	G	A-SIGN
22	G	IGN
23	G	IGN
24	G	TOUCH SENSE
25	L	ENCODER GND
27	B	GEO LOGIC
28	GR	RELOCORS SW

Connector No.	B46
Connector Name	SLIDING DOOR CONTROL UNIT LH
Connector Type	NS30PW-CS



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.	B49
Connector Name	SATELLITE RADIO TUNER
Connector Type	J16FW



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.	B46
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	FD32F-BS



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

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



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

Connector No.	B107
Connector Name	JOINT CONNECTOR NO.2-B08
Connector Type	NS06FW-J

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

Connector No.	B108
Connector Name	JOINT CONNECTOR-B08
Connector Type	B10FW

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	-

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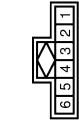
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

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

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



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

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



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

Connector No.	Connector Name	Connector Type
B305	REAR COMBINATION LAMP RH	RS04EGY-PR



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

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



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

Connector No.	Connector Name	Connector Type
B325	INVERTER UNIT	AS09FB-AMC3



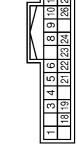
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	AC 120 V OUTPUT
4	W	BAT
5	R	AC 120 V OUTPUT
6	P	MAIN SW SIGNAL
7	G	MAIN SW INDICATOR
8	B	GROUND

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
3	P	KNOB 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	W	AS-SIG
22	W	AS-SIG
23	R	SW GND
24	G	TOUCH SENS
26	GR	ENCODER GND
27	GR	GO LOGIC
28	GR	REL DOOR SW



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

Connector No.	Connector Name	Connector Type
B347	SLIDING DOOR CONTROL UNIT RH	TH32FW-AM



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
3	P	KNOB 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	W	AS-SIG
22	W	AS-SIG
23	R	SW GND
24	G	TOUCH SENS
26	GR	ENCODER GND
27	GR	GO LOGIC
28	GR	REL DOOR SW

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

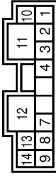
## BATTERY POWER SUPPLY

Connector No.	1828
Connector Name	SLIDING DOOR CONTROL UNIT RH
Connector Type	MS10PW-CS



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 (-)
40	O	RELEASE ACTRN (-)
42	Y	BAT

Connector No.	8551
Connector Name	BOSE AMP
Connector Type	SG412PBK-SJAZ



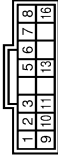
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	SOUND SIGNAL FRONT SQUAWKER LH (+)
2	B	SOUND SIGNAL FRONT SQUAWKER LH (-)
3	Y	SOUND SIGNAL FRONT SQUAWKER RH (+)
4	BR	SOUND SIGNAL FRONT SQUAWKER RH (-)
7	B	GROUND
8	G	SOUND SIGNAL WOODFER (-)
9	B	SOUND SIGNAL SLIDE DODR SPEAKER RH (-)
10	SB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

Connector No.	1835
Connector Name	AUTOMATIC BACK DOOR WARNING BUZZER
Connector Type	MD27BR



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

Connector No.	B487
Connector Name	SEATBACK POWER RETURN CONTROL UNIT
Connector Type	SLIMITOMD_6P98-3453



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

Connector No.	1888
Connector Name	SEATBACK POWER RETURN CONTROL UNIT
Connector Type	MS24M_7232-1559



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	SPEED SPR
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.	1801
Connector Name	SEATBACK LOCK RELEASE ACTUATOR RELAY RH
Connector Type	MS24M_7232-1559



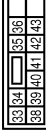
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	O	-
3	R	-
5	R	-

Connector No.	1853
Connector Name	SEATBACK LOCK RELEASE ACTUATOR RELAY LH
Connector Type	MS24M_7232-1559



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

Connector No.	1851
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	MS12PW-CS



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

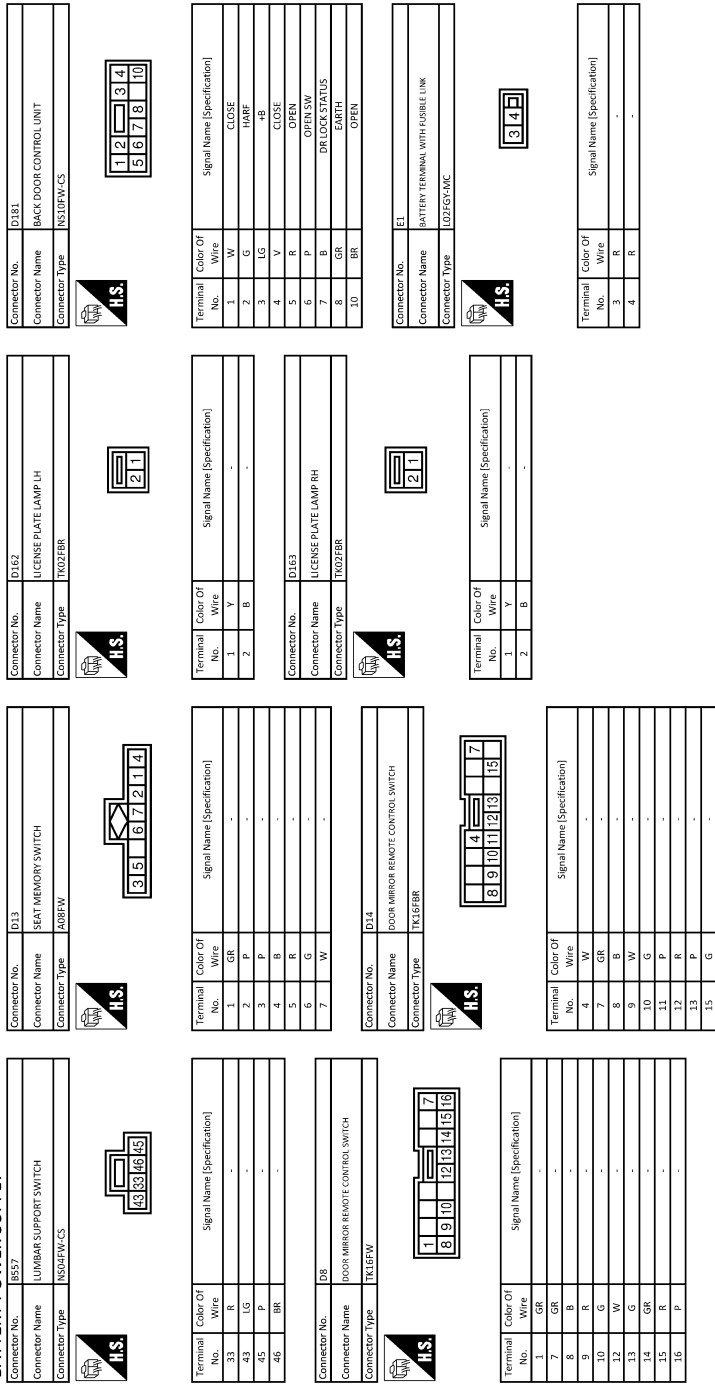
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY



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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	UD2FBR-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	2438G_L1A10A



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

Connector No.	E4
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	2438J_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	2438J_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	TK16AGS-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	NS10MWCS



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

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

Connector No.	E8
Connector Name	PPM FOR INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LO2FBA-MC



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

Connector No.	E10
Connector Name	PPM FOR INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH2DFW-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	-

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

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

Connector No.	E11
Connector Name	INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH88FV-AH



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

Connector No.	E13
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	UD15P-AC



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

Connector No.	E14
Connector Name	FUSE AND FUSIBLE LINK HOLDER 2
Connector Type	Z4380_1A7DA



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

Connector No.	E19
Connector Name	ECM
Connector Type	RN124FB-22A-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
128	Y	FUEL TANK TEMPERATURE SENSOR
133	BR	IGNITION SWITCH
134	Y	ASC/D STEERING SWITCH
135	BR	SENSOR GROUND
139	SB	STOP LAMP SWITCH
140	BR	BRAKE PEDAL POSITION SWITCH
141	V	EVAP CONDENSER VENT CONTROL VALVE
142	GR	SENSOR POWER SUPPLY
143	O	ACCELERATOR PEDAL POSITION SENSOR 2
144	G	SENSOR GROUND
145	P	FOR ECM
146	B	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.	E26
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FB



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

Connector No.	E23
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	Female_8200500194(BLACK)



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

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	E56
Connector Name	ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	4E222FB-A124-LH



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

Connector No.	E57
Connector Name	COOLING FAN RELAY-2
Connector Type	M06FBR-R-LC



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

Connector No.	E59
Connector Name	COOLING FAN RELAY-3
Connector Type	M06FBR-R-LC



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

Connector No.	E70
Connector Name	WIRE TO WIRE
Connector Type	M06AW-LC



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

Connector No.	E58
Connector Name	FUSE BLOCK (J/R)
Connector Type	L03TW-MC



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

Connector No.	E59
Connector Name	FUSE BLOCK (J/R)
Connector Type	M02FB-LC



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

Connector No.	E100
Connector Name	FUSE BLOCK (J/R)
Connector Type	NS16FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1E	P	-
2E	Y	-
12E	SB	-
1E	SB	-
2E	R	-
aE	L	-
6E	LG	-
8E	P	-
9E	BR	-

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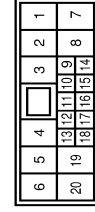
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# POWER SUPPLY ROUTING CIRCUIT

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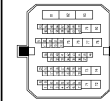
## BATTERY POWER SUPPLY

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	TM10PM-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	W	-
18	GR	-
19	SB	-
20	V	-

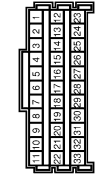
Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-CS10-M3



Terminal No.	Color Of Wire	Signal Name [Specification]
2	SHIELD	-
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	BR	-
50	G	-
52	R	-
53	O	-
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	L	-
82	LG	-
83	R	-

Connector No.	E118
Connector Name	JOINT CONNECTOR-E08
Connector Type	BJ30FW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	L	-
3	L	-
6	Y	-
7	Y	-
8	Y	-
9	Y	-
10	V	-
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	MB6FW-J



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

Connector No.	E126
Connector Name	STOP LAMP SWITCH
Connector Type	MB6FW-LC



















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



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY





















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Connector No.	E301																														
Connector Name	COOLING FAN MOTOR-1																														
Connector Type	RS04FGY-PR																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	L	-	-																												
2	L	-	-																												
3	P	-	-																												
4	Y	-	-																												
<table border="1"> <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>RK02FGY</td></tr> </table>  	Connector No.	E320	Connector Name	FRONT SIDE MARKER LAMP LH	Connector Type	RK02FGY	<table border="1"> <tr><td>Terminal No.</td><td>Wire</td><td>Color</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>P</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td><td>-</td></tr> </table>	Terminal No.	Wire	Color	Signal Name [Specification]	1	P	-	-	2	GR	-	-												
Connector No.	E320																														
Connector Name	FRONT SIDE MARKER LAMP LH																														
Connector Type	RK02FGY																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	P	-	-																												
2	GR	-	-																												
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Connector No.	E323																														
Connector Name	HEADLAMP LOW LH																														
Connector Type	ED02FGY-RS																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	L	-	-																												
2	B	-	-																												
<table border="1"> <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>NU02FB</td></tr> </table>  	Connector No.	E325	Connector Name	HEADLAMP HIGH LH	Connector Type	NU02FB	<table border="1"> <tr><td>Terminal No.</td><td>Wire</td><td>Color</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>LG</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td><td>-</td></tr> </table>	Terminal No.	Wire	Color	Signal Name [Specification]	1	LG	-	-	2	B	-	-												
Connector No.	E325																														
Connector Name	HEADLAMP HIGH LH																														
Connector Type	NU02FB																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	LG	-	-																												
2	B	-	-																												
<table border="1"> <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>RK02FGY</td></tr> </table>  	Connector No.	E321	Connector Name	FRONT SIDE MARKER LAMP RH	Connector Type	RK02FGY	<table border="1"> <tr><td>Terminal No.</td><td>Wire</td><td>Color</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>P</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td><td>-</td></tr> </table>	Terminal No.	Wire	Color	Signal Name [Specification]	1	P	-	-	2	GR	-	-												
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Connector Type	RK02FGY																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	P	-	-																												
2	GR	-	-																												
<table border="1"> <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>ED02FGY-RS</td></tr> </table>  	Connector No.	E324	Connector Name	HEADLAMP LOW RH	Connector Type	ED02FGY-RS	<table border="1"> <tr><td>Terminal No.</td><td>Wire</td><td>Color</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>L</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td><td>-</td></tr> </table>	Terminal No.	Wire	Color	Signal Name [Specification]	1	L	-	-	2	B	-	-												
Connector No.	E324																														
Connector Name	HEADLAMP LOW RH																														
Connector Type	ED02FGY-RS																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	L	-	-																												
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<table border="1"> <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>NU02FB</td></tr> </table>  	Connector No.	E326	Connector Name	HEADLAMP HIGH RH	Connector Type	NU02FB	<table border="1"> <tr><td>Terminal No.</td><td>Wire</td><td>Color</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>GR</td><td>-</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td><td>-</td></tr> </table>	Terminal No.	Wire	Color	Signal Name [Specification]	1	GR	-	-	2	GR	-	-												
Connector No.	E326																														
Connector Name	HEADLAMP HIGH RH																														
Connector Type	NU02FB																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	GR	-	-																												
2	GR	-	-																												
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Connector No.	E305																														
Connector Name	WIRE TO WIRE																														
Connector Type	MD6FW-LC																														
Terminal No.	Wire	Color	Signal Name [Specification]																												
1	P	-	-																												
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3	L	-	-																												
4	Y	-	-																												
5	G	-	-																												

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No. E331	Connector Name FRONT FOG LAMP LH	Connector Type FH2ZFB	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	G	-	
2	GR	-	
3	W	-	
Connector No. E335	Connector Name HEADLAMP AIMING MOTOR LH	Connector Type HSB3FGY	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	P	-	
2	GR	-	
3	W	-	
Connector No. E343	Connector Name HEADLAMP AIMING MOTOR RH	Connector Type HSB3FGY	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	P	-	
2	GR	-	
3	W	-	
Connector No. E344	Connector Name HEADLAMP LOW LH	Connector Type FH2ZFB	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	W	-	
2	GR	-	
3	SB	-	
Connector No. E345	Connector Name HEADLAMP LOW RH	Connector Type FH2ZFB	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	W	-	
2	GR	-	
3	SB	-	
Connector No. E346	Connector Name POWER DISTRIBUTION MODULE ENGINE ROOM	Connector Type TH15EV-NH	 
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 F03FER	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	P	-	
2	B	-	
3	Y	-	
Connector No. E349	Connector Name FRONT COMBINATION LAMP RH	Connector Type F03FER	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	W	-	
2	GR	-	
3	SB	-	
Connector No. E350	Connector Name HEADLAMP LOW RH	Connector Type FH2ZFB	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
1	W	-	
2	GR	-	
3	SB	-	
Connector No. E355	Connector Name FRONT COMBINATION LAMP LH	Connector Type F03FER	 
Terminal No.	Color Of Wire	Signal Name [Specification]	
83	R	-	
84	L	-	
86	SB	-	
87	Y	-	
88	BR	-	
89	V	-	
90	G	-	

JRMWI7288GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

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



Connector No.	F3
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	24340_J040D



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



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



Connector No.	F10
Connector Name	STARTER MOTOR
Connector Type	24340_J005A



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



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



Connector No.	F12
Connector Name	FROM FUEL INJECTION POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-A04



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



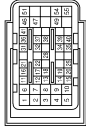
Connector No.	F13
Connector Name	CONDENSER
Connector Type	W02FW-GY1C



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



Connector No.	F14
Connector Name	ECM
Connector Type	M045FE-M0B2D-0H



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	THROTTLE CONTROL MOTOR (CLOSE)
2	G/W	THROTTLE CONTROL MOTOR POWER SUPPLY
3	L	THROTTLE CONTROL MOTOR (OPEN)
4	GR	SENSOR GROUND
5	B	KNICK SENSOR (BANK 1)
6	BR/Y	A/F SENSOR 1 HEATER (BANK 1)
7	P/B	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
8	O	THROTTLE CONTROL MOTOR RELAY
9	W	KN2
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	SENSOR POWER SUPPLY
18	B	FUEL PUMP RELAY
20	R	REFRIGERANT PRESSURE SENSOR
21	P/B	FUEL INJECTOR No. 6
22	R/Y	FUEL INJECTOR No. 3
25	G	SENSOR GROUND
28	BR	SENSOR POWER SUPPLY
31	Y	ENGINE COOLANT TEMPERATURE SENSOR
32	W/L	HEATED OXYGEN SENSOR 2 (BANK 2)
34	L/Y	INTAKE AIR TEMPERATURE SENSOR
35	B	SENSOR GROUND
36	W/B	CRANKSHAFT POSITION SENSOR
37	GR	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 1)
38	O	MASS AIR FLOW SENSOR
39	LG	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 2)
40	LG	SENSOR GROUND
41	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)

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# POWER SUPPLY ROUTING CIRCUIT

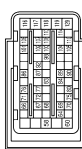
< WIRING DIAGRAM >

**BATTERY POWER SUPPLY**

49	BR/W	REFRESH CONTROL SOLENOID VALVE
50	BR/W	SENSOR POWER SUPPLY
54	B/L	EVAP CANISTER PURGE VALVE
55	B/Y	ECM GROUND

**ECM**

Connector No.	F15
Connector Name	ECM
Connector Type	MAB55FEA-WEB1-D0-L4

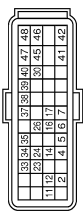


Terminal No.	Color Of Wire	Signal Name [Specification]
58	F/B	E-CVT01
60	W	E-CVT02
64	G/B	SENSOR GROUND
66	L	A/F SENSOR 1 (BANK 1)
67	P	A/F SENSOR 2
68	W	BATTERY CURRENT SENSOR
69	BR	BATTERY CURRENT SENSOR
70	GR	SHIELD
71	GR	THROTTLE POSITION SENSOR 1
72	GR	THROTTLE POSITION SENSOR 2
75	B	A/F SENSOR 1 (BANK 1)
76	LG	A/F SENSOR 2 (BANK 2)
77	V	SHIELD
80	GR	SHIELD
83	R	PNP SIGNAL
84	W/R	CAMSHAFT POSITION SENSOR (BANK 1)
86	W/B	ECM RELAY (SELF SHUT-OFF)
87	R/Y	SENSOR POWER SUPPLY
89	BR/W	CAMSHAFT POSITION SENSOR (BANK 2)
90	B/R	SENSOR GROUND
92	G/W	SENSOR POWER SUPPLY
98	G	SENSOR POWER SUPPLY
101	P	STARTER MOTOR RELAY CUT OFF SIGNAL
102	GR/B	VIAS CONTROL SOLENOID VALVE 2
103	L/B	IGNITION SIGNAL No. 3
104	GR/R	IGNITION SIGNAL No. 6
105	B	ECM GROUND
106	G/R	IGNITION SIGNAL No. 2
107	P	IGNITION SIGNAL No. 5
108	V	VIAS CONTROL SOLENOID VALVE 1

110	B	ECM GROUND
111	Y/R	IGNITION SIGNAL No. 1
112	W	IGNITION SIGNAL No. 4
116	W/L	POWER SUPPLY CHECK (BACK-UP)
117	R	REFRESH PURGE VALVE CONTROL SOLENOID VALVE (BANK 1)
118	V	REFRESH PURGE VALVE CONTROL SOLENOID VALVE (BANK 2)
119	Y	REFRESH PURGE VALVE CONTROL SOLENOID VALVE (BANK 2)
120	BR	REFRESH PURGE VALVE CONTROL SOLENOID VALVE (BANK 2)

**ECM**

Connector No.	F23
Connector Name	ECM
Connector Type	RH40FB-R28-LR-H



Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	L RANGE SW
4	G/D	D RANGE SW
5	P/L	N RANGE SW
6	F/B	R RANGE SW
9	BR/W	SENSOR GROUND
11	W/R	SENSOR GROUND
12	W	CUT FLUID TEMPERATURE SENSOR
14	W	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	L/W	SELECT SOLENOID VALVE
38	V/R	TORQUE CONVERTER CLUTCH SOLENOID VALVE
39	W/B	SECONDARY PRESSURE SOLENOID VALVE
40	B/R	PRIMARY PRESSURE SOLENOID VALVE
41	B	GROUND
42	B	GROUND
45	LG	BATTERY POWER SUPPLY
46	LG	BATTERY POWER SUPPLY
47	Y	IGNITION POWER SUPPLY

**IGNITION POWER SUPPLY**

48	Y	IGNITION POWER SUPPLY
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**ECM**

Connector No.	F10
Connector Name	EVAP CANISTER PURGE VALVE CONTROL SOLENOID VALVE
Connector Type	ED3FL-RS-LEGY



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

**ECM**

Connector No.	F31
Connector Name	IGNITION No. 1 (WITH POWER TRANSMISSION)
Connector Type	ED3FCP-RS



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

**ECM**

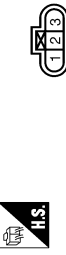
Connector No.	F32
Connector Name	IGNITION No. 2 (WITH POWER TRANSMISSION)
Connector Type	ED3FCP-RS



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

**ECM**

Connector No.	F33
Connector Name	IGNITION No. 1 (WITH POWER TRANSMISSION)
Connector Type	ED3FCP-RS



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

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	F52
Connector Name	INTERMEDIATE TIMING CONTROL SIGNALD VALVE (BANK 2)
Connector Type	ED2FG-RS-LGY



Connector No.	F49
Connector Name	EXHAUST VALVE TIMING CONTROL (SIGNALD VALVE (BANK 2))
Connector Type	ED2FG-RS-LGY



Connector No.	F56
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	ED3FG-RS



Connector No.	F54
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	ED3FG-RS



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

Connector No.	F53
Connector Name	INTERMEDIATE TIMING INTERMEDIATE COIL CONTROL SIGNALD VALVE (BANK 1)
Connector Type	ED2FG-RS-LGY



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

Connector No.	F51
Connector Name	INTERMEDIATE TIMING CONTROL SIGNALD VALVE (BANK 1)
Connector Type	ED2FG-RS-LGY



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

Connector No.	F48
Connector Name	EXHAUST VALVE TIMING CONTROL (SIGNALD VALVE (BANK 1))
Connector Type	ED2FG-RS-LGY



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

Connector No.	F35
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	ED3FG-RS



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

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

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

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

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	F54
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	WIRE TO BATTERY CONTROL SOLENOID VALVE
Connector Name	ED2FE-RS-LGY
Connector Type	



Connector No.	F74
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	VIAS CONTROL SOLENOID VALVE 1
Connector Name	ED2FE-RS
Connector Type	



Connector No.	F59
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	ALTERNATOR
Connector Name	2534D_JA09A
Connector Type	



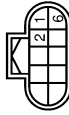
Connector No.	F75
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	VIAS CONTROL SOLENOID VALVE 2
Connector Name	ED2FE-RS
Connector Type	



Connector No.	F60
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	ALTERNATOR
Connector Name	H003FB
Connector Type	



Connector No.	F67
Color Of Wire	LG
Terminal No.	1
Signal Name [Specification]	JOINT CONNECTOR-F01
Connector Name	RH13FB
Connector Type	



Connector No.	F71
Color Of Wire	LG
Terminal No.	1
Signal Name [Specification]	WIRE TO WIRE
Connector Name	HS1DFW-CS
Connector Type	



Connector No.	F72
Color Of Wire	LG
Terminal No.	1
Signal Name [Specification]	WIRE TO WIRE
Connector Name	BD16FW
Connector Type	



Connector No.	F44
Color Of Wire	LG
Terminal No.	1
Signal Name [Specification]	DATA LINK CONNECTOR
Connector Name	BD16FW
Connector Type	



Connector No.	F68
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	ALTERNATOR
Connector Name	H003FB
Connector Type	



Connector No.	F123
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	WIRE TO WIRE
Connector Name	TC16GW-1V
Connector Type	



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

Connector No.	F44
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	DATA LINK CONNECTOR
Connector Name	BD16FW
Connector Type	



Connector No.	F68
Color Of Wire	BR
Terminal No.	1
Signal Name [Specification]	ALTERNATOR
Connector Name	H003FB
Connector Type	



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

7	R	-	-
8	G	-	-
9	BR	-	-
10	GR	-	-
11	W	-	-
12	P	-	-

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



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

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



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 (J/B)
Connector Type	NS30FW-CS



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

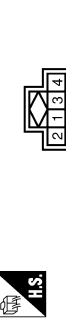
Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



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]
13	G	- [Without automatic drive positioner]
13	Y	- [With automatic drive positioner]

Terminal No.	Color Of Wire	Signal Name [Specification]
14	L	-
15	P	-
31	GR	-
32	GR	-
37	W	- [With automatic drive positioner]
37	W	- [Without automatic drive positioner]
38	R	-
39	BE	- [With automatic drive positioner]
39	BE	- [Without automatic drive positioner]
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	-
65	W	-
67	BR	-
69	P	-
71	R	-
72	R	-
72	LG	-
74	Y	-
75	Y	-
76	B	-
77	P	-
78	BR	-
80	Y	-
81	W	-
82	L	-
83	R	-

Connector No.	M13
Connector Name	HEADLAMP AIMING SWITCH
Connector Type	AG4FV



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

Connector No.	M14
Connector Name	REAR BLOWER RELAY
Connector Type	HW6FBR-R-LC

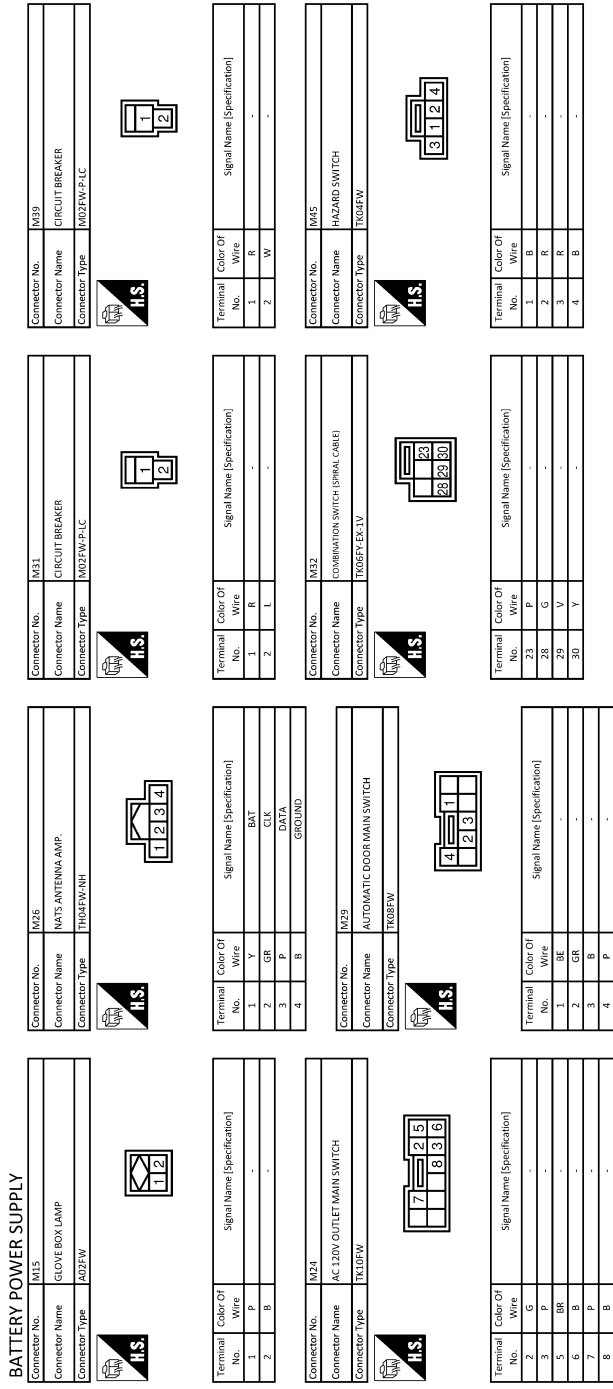


Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	R	-
5	G	-
6	L	-
7	Y	-

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



JRMWI7294GB



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	M85
Connector Name	CIRCUIT BREAKER
Connector Type	TH02FW-P1-C



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

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



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

37	BE	INTAKE SENSOR SIGNAL
40	G	SENSOR GROUND

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
4	SB	DOOR MOTOR POWER SUPPLY
5	BR	LAN SIGNAL
7	R	REAR WINDOW DEFOGGER F/8 SIGNAL
8	P	ILLUMINATION POWER SUPPLY
9	GR	ACC POWER SUPPLY
10	W	FRONT BLOWER MOTOR CONTROL SIGNAL
12	BE	BLOWER FAN ON SIGNAL
13	G	A/C ON SIGNAL
15	GR	IONIZER ON/OFF CONTROL SIGNAL
17	G	ENGINE COOLANT TEMPERATURE SIGNAL
18	R	FRONT BLOWER MOTOR CONTROL SIGNAL
19	R	FRONT BLOWER MOTOR CONTROL SIGNAL
20	R	A/C AUTO AMP. CONNECTOR RECOGNITION SIGNAL
21	B	GROUND
23	B	VEHICLE SPEED SIGNAL
24	B	GROUND
27	BE	REAR WINDOW DEFOGGER ON SIGNAL
28	BE	ILLUMINATION GROUND
30	R	REAR BLOWER MOTOR CONTROL SIGNAL
32	G	COMM (A/C AUTO AMP. ->RR A/C CONT)
33	W	COMM (RR A/C CONT. ->A/C AUTO AMP.)
36	R	EVH 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.	M54
Connector Name	METER CONTROL SWITCH
Connector Type	TH08RW-NH



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]
2	GR	- [Without automatic drive positioner]
3	G	-
4	BR	- [With automatic drive positioner]
4	R	- [Without automatic drive positioner]
5	G	- [Without automatic drive positioner]
5	SB	- [With automatic drive positioner]
6	P	-

Connector No.	M55
Connector Name	ILLUMINATION CONTROL SWITCH
Connector Type	TH08RW-NH



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.	M50
Connector Name	BSW SWITCH
Connector Type	TH08FL-NH



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

Connector No.	M59
Connector Name	WIRE TO WIRE
Connector Type	WD2FW-CP-LC



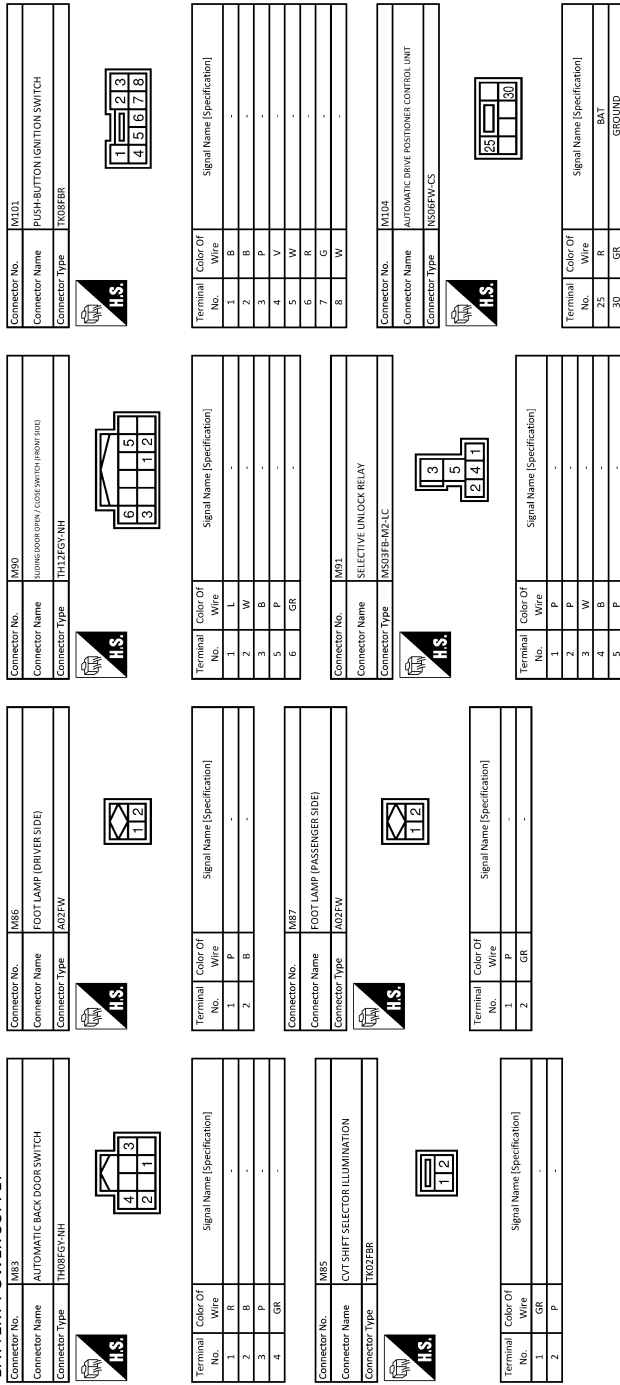
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	B	-

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY



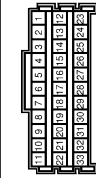
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

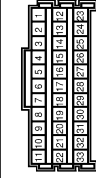
## BATTERY POWER SUPPLY

Connector No.	M106
Connector Name	JOINT CONNECTOR-M15
Connector Type	BB3PW



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	-
20	Y	-
21	G	- [Without automatic drive positioner]
21	Y	- [With automatic drive positioner]
22	G	- [Without automatic drive positioner]
22	Y	- [With automatic drive positioner]
23	GR	-
25	GR	-
26	V	-
27	V	-
28	V	-
29	SB	-
30	BE	-
31	SB	-
32	SB	-
33	BE	-

Connector No.	M107
Connector Name	JOINT CONNECTOR-M14
Connector Type	BB3PW



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

Connector No.	M108
Connector Name	JOINT CONNECTOR-M01
Connector Type	TK64FW-J



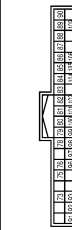
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/G	-
2	P	-
3	P	-
4	P	-

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEAD3PW-FH46-5A



Terminal No.	Color Of Wire	Signal Name [Specification]
56	P	INT ROOM LAMP PWR SPLY
57	Y	BAT
58	O	AIRBAG
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 REQ
65	V	ALL DOOR LOCK OUTPUT
66	G	DR DOOR UNLK OUTPUT
67	B	GROUND
68	L	PW PWR SPLY (IGN)
69	P	PW PWR SPLY (BAT)
70	L	BAT

Connector No.	M124
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH46PW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
73	G	ON IND
75	G	DR DOOR REQ SW
76	V	PUSH SW
78	B	DR DOOR ANT+
79	W	DR DOOR ANT-
80	GR	PASS DOOR ANT+
81	BE	PASS DOOR ANT-
82	G	REAR BMPR ANT+
83	R	REAR BMPR ANT-
84	GR	ROOM ANT+
85	B	ROOM ANT-
86	W	ROOM ANT2+
87	BE	ROOM ANT2-
88	GR	Luggage ROOM ANT+
89	B	Luggage ROOM ANT-
90	R	PUSH BTN IGN SW ILL PWR SPLY
91	R	LOCK SW ILL GND
92	R	PUSH BTN IGN SW ILL GND
93	R	1 LCK MGRN BUZZER
96	BE	ACC RELAY CONT
97	W	STARTER RELAY CONT
98	P	IGN RELAY (UPDLE) CONT
99	G	IGN RELAY (F/B) CONT OUTPUT
100	R	PASS DOOR REQ SW
101	R	IGN PWR SPLY 2
102	P	P/N POSITION
104	L	CVT SHIFT SELECT PWR SPLY
105	R	STOP LAMP SW 2
106	O	BLWR RELAY CONT OUTPUT
109	R	ACC IND

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	M138
Connector Name	TEL ADAPTER UNIT
Connector Type	TH24PW-NH



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	VEHICLE SPEED SIGNAL (8-PULSE)
28	BE	MICROPHONE VCC
29	W	

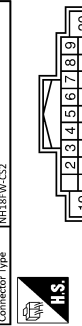
Connector No.	M142
Connector Name	AUDIO UNIT
Connector Type	NH18FW-CS2



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 (+)
5	LG	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
7	GR	ACC
8	B	ILLUMINATION CONTROL SIGNAL (-)
9	P	SOUND SIGNAL FRONT SPEAKER RH (+)
11	B	SOUND SIGNAL FRONT SPEAKER RH (-)

Terminal No.	L	SOUND SIGNAL FRONT SPEAKER RH (-)
12	P	SOUND SIGNAL FRONT SPEAKER RH (+)
14	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
15	Y	BATTERY

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

Connector No.	M153
Connector Name	DISC EJECT SWITCH
Connector Type	AB04FB



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-NH



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

Connector No.	M155
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24PW-NH



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	BATTERY POWER SUPPLY
11	SB	GROUND
12	B	COMPOSITE IMAGE SIGNAL
18	R	COMPOSITE IMAGE SIGNAL GROUND
19	W	COMPOSITE SYNC
20	B	SHIELD
22	SHIELD	SHIELD
23	O	ACC POWER SUPPLY

Connector No.	M183
Connector Name	AV CONTROL UNIT
Connector Type	NH18FW-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 (+)

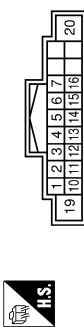
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

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

Connector No.	M193
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
10	G	ACC-POWER SUPPLY
11	GR	ILLUMINATION SIGNAL
12	B	SOUND SIGNAL FRONT RH (+)
13	BR	SOUND SIGNAL FRONT RH (-)
14	Y	SOUND SIGNAL REAR RH (+)
15	W	STEERING SWITCH GROUND
16	P	STEERING SWITCH SIGNAL B
19	SB	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	M212
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS06FB-CS



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	NS06FW-CS



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

Connector No.	M16
Connector Name	REAR A/C CONTROL
Connector Type	TH12FW-NH



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

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



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

Connector No.	R36
Connector Name	REAR DISPLAY UNIT
Connector Type	TH32FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W/L	HEADPHONE SOUND SIGNAL RH (+)
2	L/O	HEADPHONE SOUND SIGNAL RH (-)
3	W	HEADPHONE SOUND SIGNAL LH (+)
4	B	HEADPHONE SOUND SIGNAL LH (-)
5	SHIELD	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 (I)
21	B	AV COMMUNICATION SIGNAL (H)
22	BR	AV COMMUNICATION SIGNAL (H)
25	LG	IGNITION SIGNAL
27	SB	ILLUMINATION SIGNAL
28	GR	ACC-POWER SUPPLY
29	GR	BATTERY POWER SUPPLY
30	GR	BATTERY POWER SUPPLY
31	B	GROUND
32	B	GROUND

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P

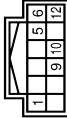
PG

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## BATTERY POWER SUPPLY

Connector No.	R101
Connector Name	REAR A/C CONTROL
Connector Type	T1012PW-4H



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	T1041PW-4H



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	T105EGY



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

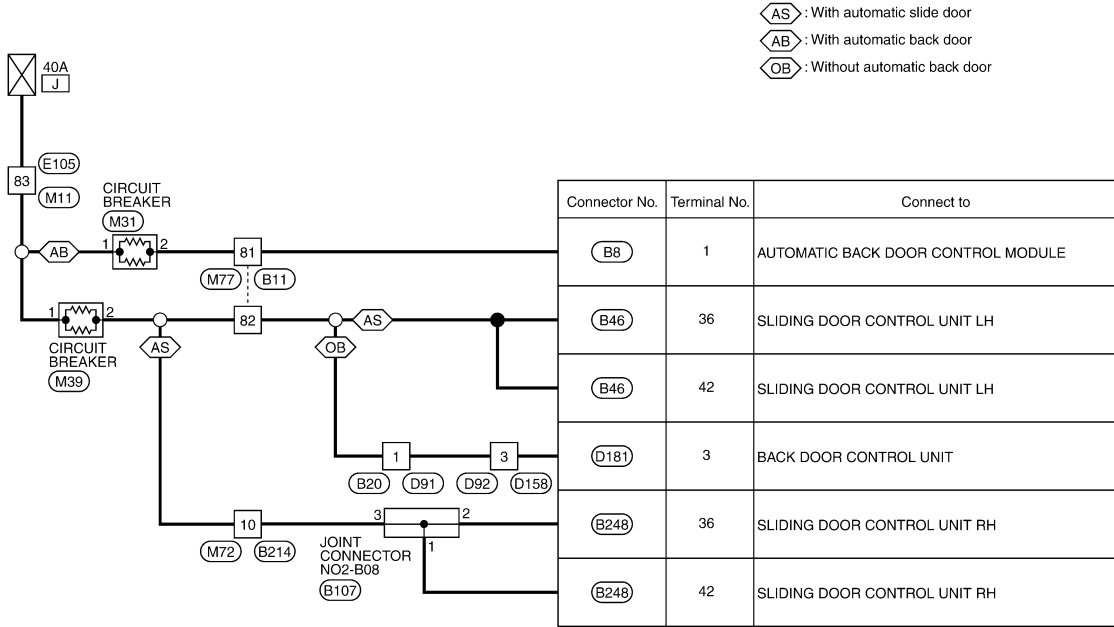
JRMW17300GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405155



A  
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2015/09/04

JRMWI7301GB

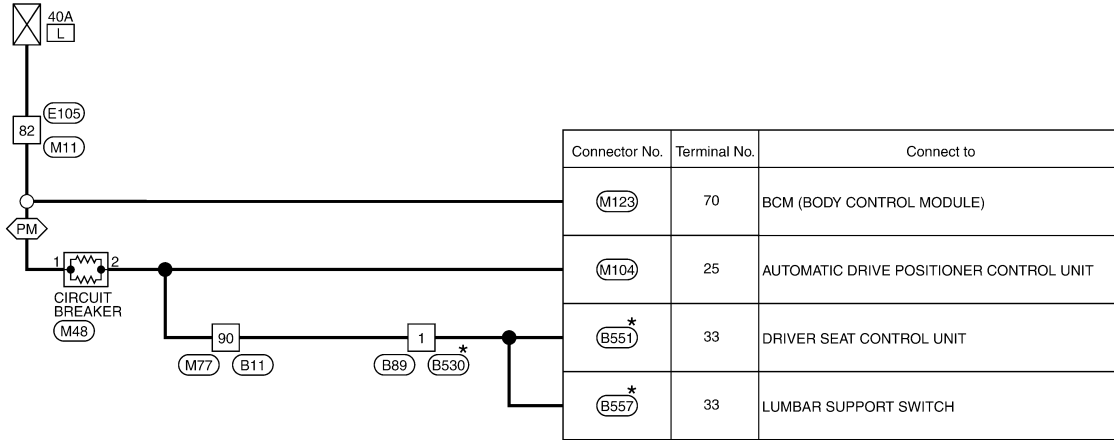
# POWER SUPPLY ROUTING CIRCUIT

< 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

JRMWI7302GB



# POWER SUPPLY ROUTING CIRCUIT

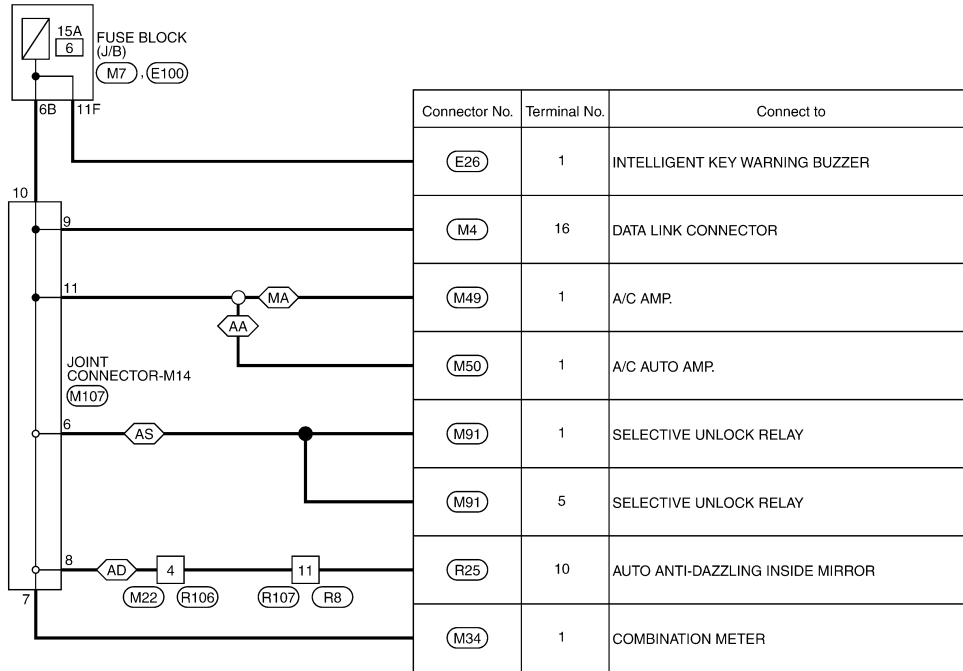
< WIRING DIAGRAM >

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000012405157

### BATTERY POWER SUPPLY FUSE No. 6

- AS : With automatic slide door
- AA : With auto A/C
- MA : With manual A/C
- AD : With auto anti-dazzling inside mirror



2015/09/04

JRMWI7303GB

A  
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# POWER SUPPLY ROUTING CIRCUIT

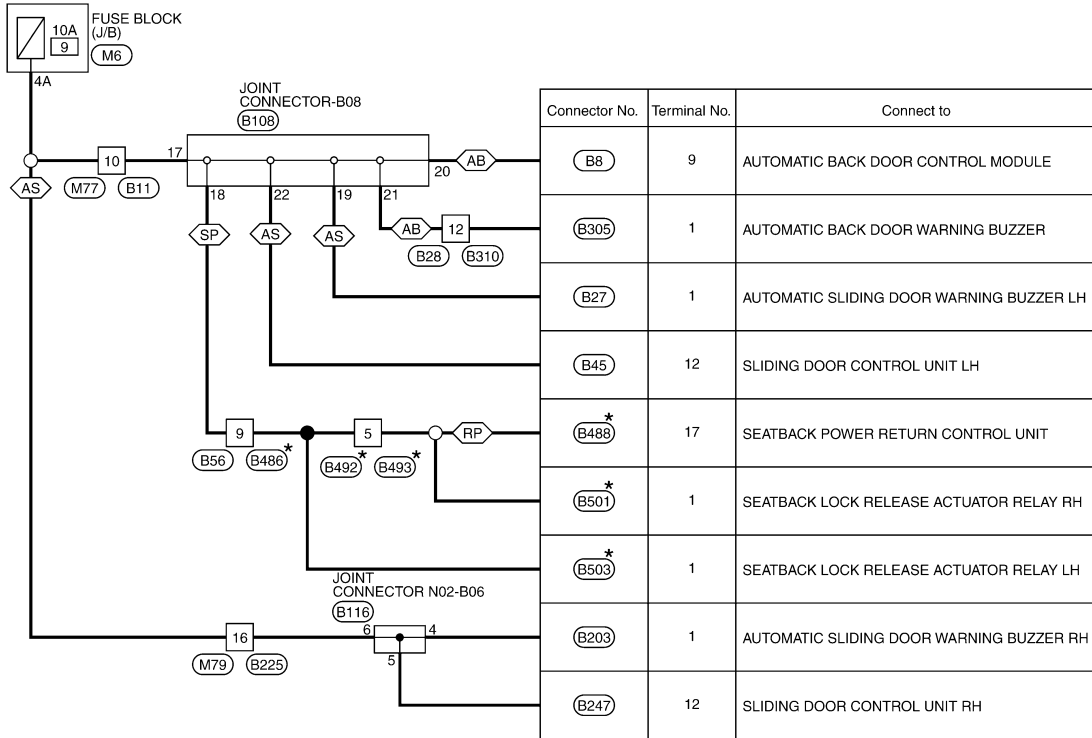
< WIRING DIAGRAM >

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

INFOID:000000012405158

### BATTERY POWER SUPPLY FUSE No. 9

-  : With seatback power return system
-  : With seatback power system
-  : With automatic slide door
-  : With automatic back door



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

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JRMWI7304GB


# POWER SUPPLY ROUTING CIRCUIT

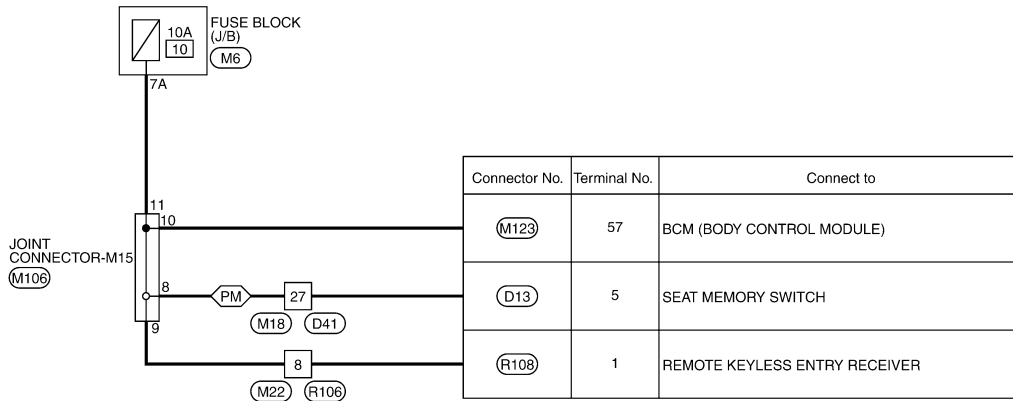
< WIRING DIAGRAM >

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

INFOID:000000012405159

A  
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O  
P

 : With automatic drive positioner



Connector No.	Terminal No.	Connect to
(M123)	57	BCM (BODY CONTROL MODULE)
(D13)	5	SEAT MEMORY SWITCH
(R108)	1	REMOTE KEYLESS ENTRY RECEIVER

2015/09/04

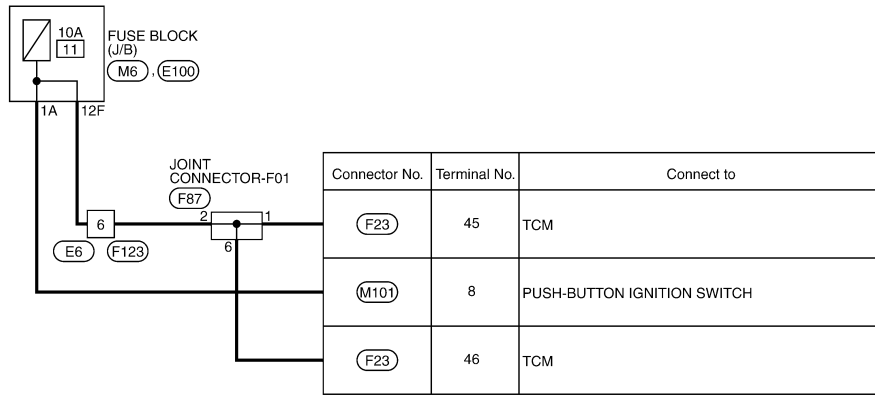
JRMW17305GB

# 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

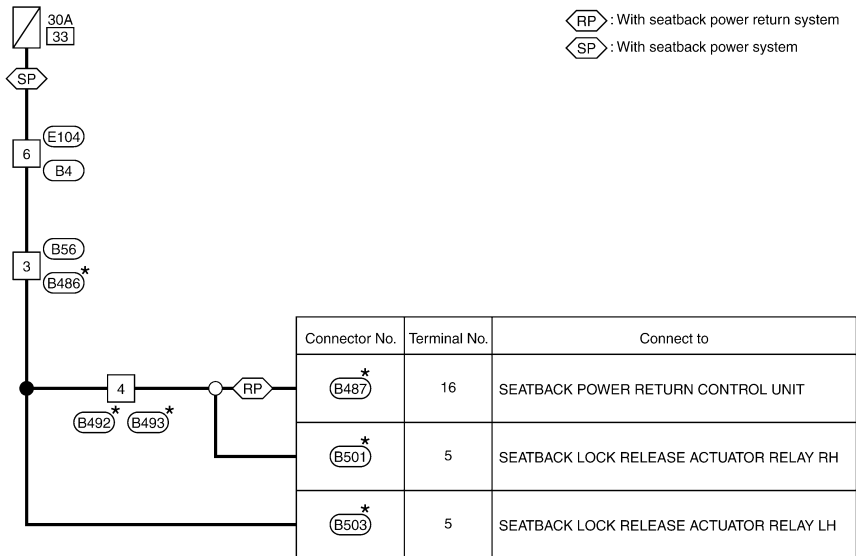
JRMW17306GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405161



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

A  
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2015/09/04

JRMWI7307GB

# POWER SUPPLY ROUTING CIRCUIT

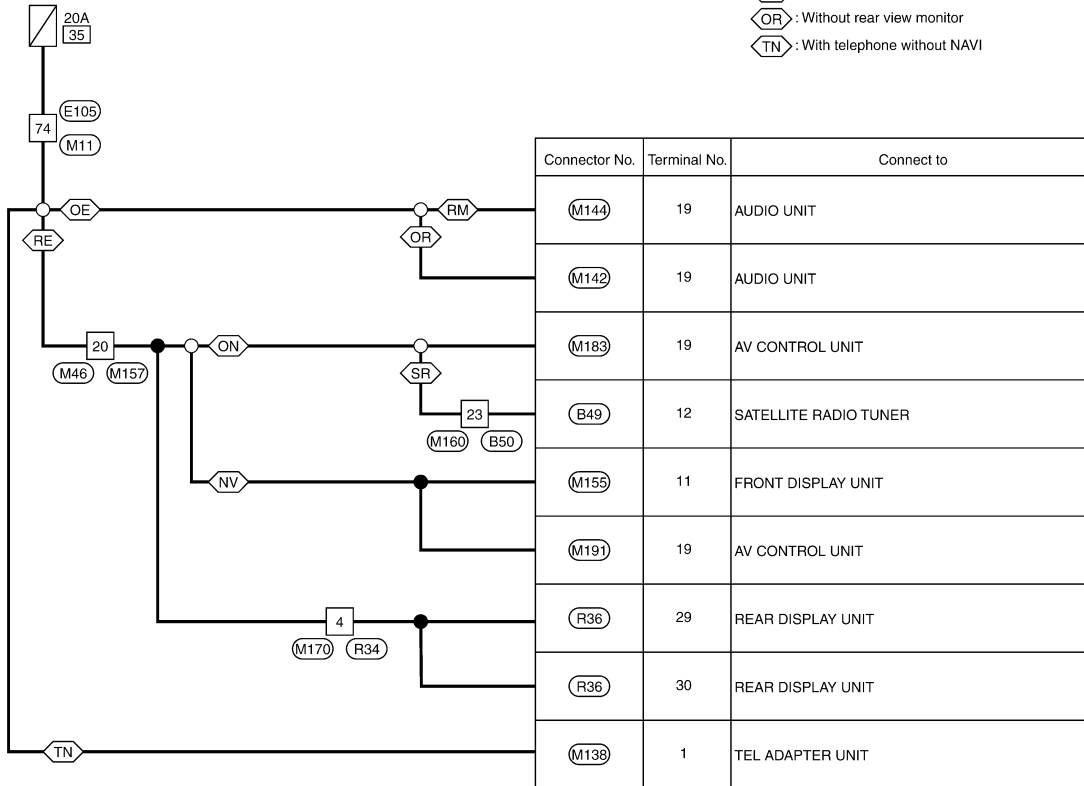
< WIRING DIAGRAM >

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

INFOID:000000012405162

### BATTERY POWER SUPPLY FUSE No. 35

- ◊SR◊ : With satellite radio
- ◊NV◊ : With NAVI
- ◊ON◊ : Without NAVI
- ◊RE◊ : With rear entertainment
- ◊OE◊ : Without rear entertainment
- ◊RM◊ : With rear view monitor
- ◊OR◊ : Without rear view monitor
- ◊TN◊ : With telephone without NAVI



2014/07/25

JRMWG3352GB

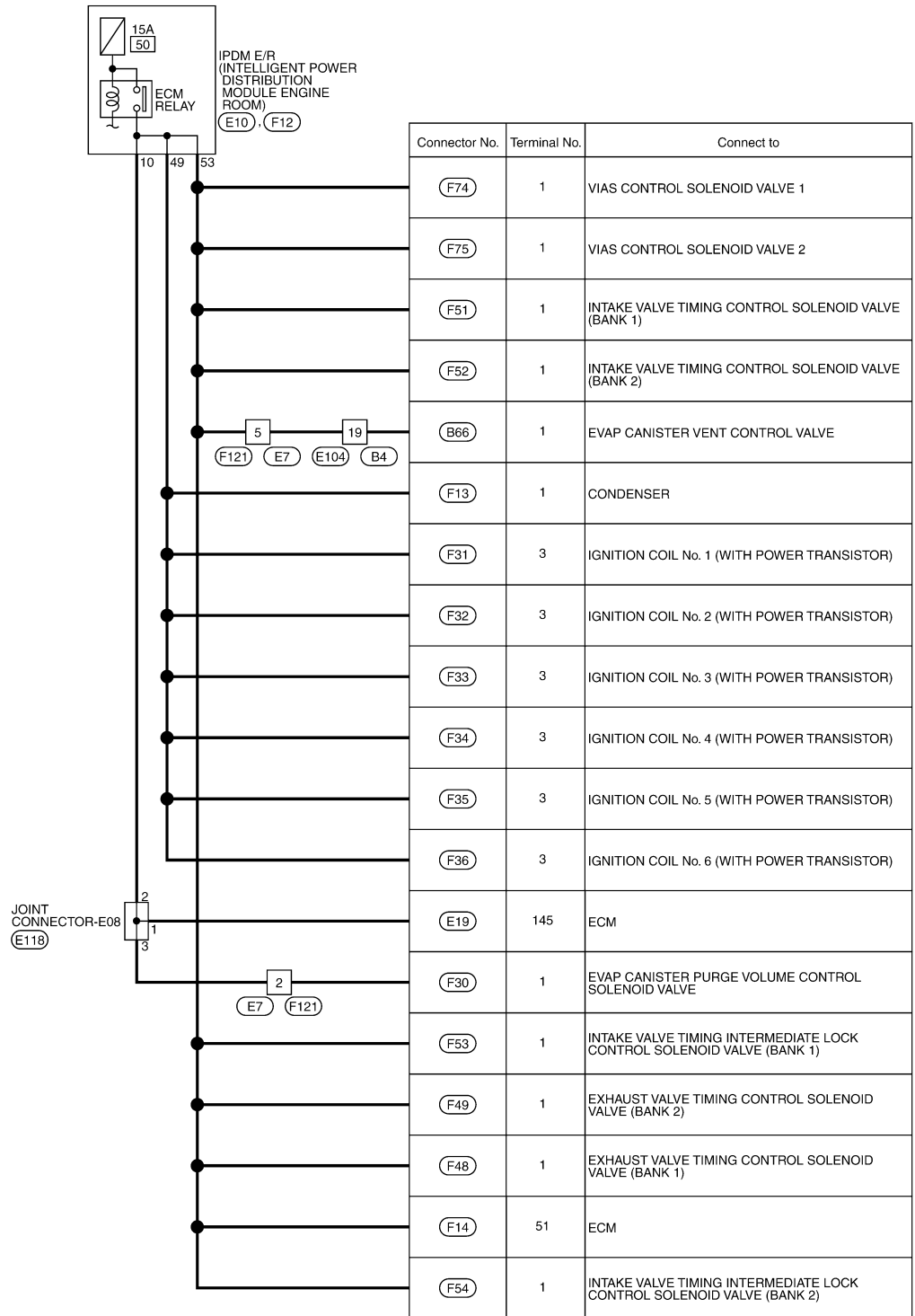
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000012405163

### BATTERY POWER SUPPLY FUSE No. 50



2015/09/04

JRMW17308GB

A  
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
# POWER SUPPLY ROUTING CIRCUIT

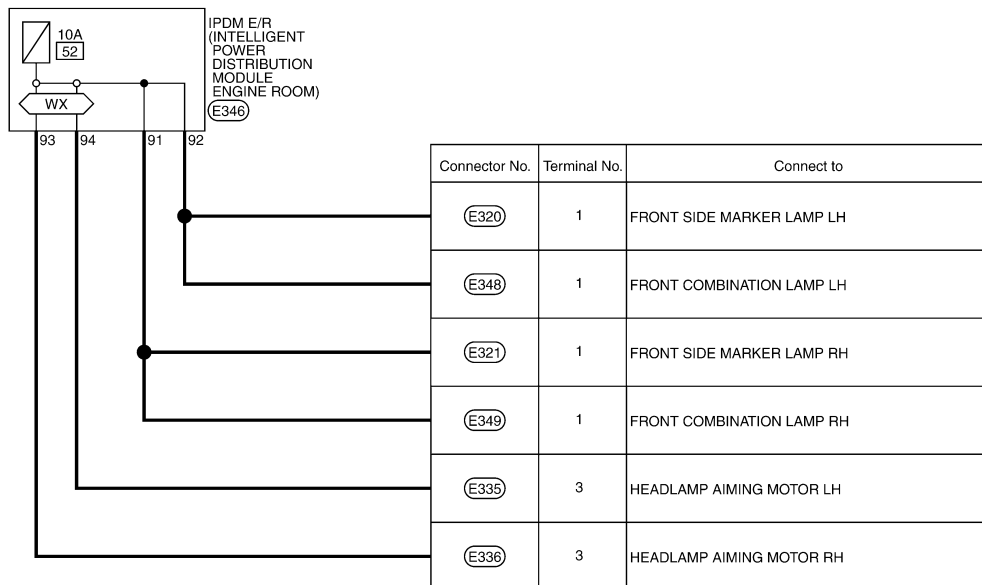
< WIRING DIAGRAM >

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

INFOID:000000012405164

### BATTERY POWER SUPPLY FUSE No. 52

 : With xenon headlamp



2014/07/25

JRMWG3354GB



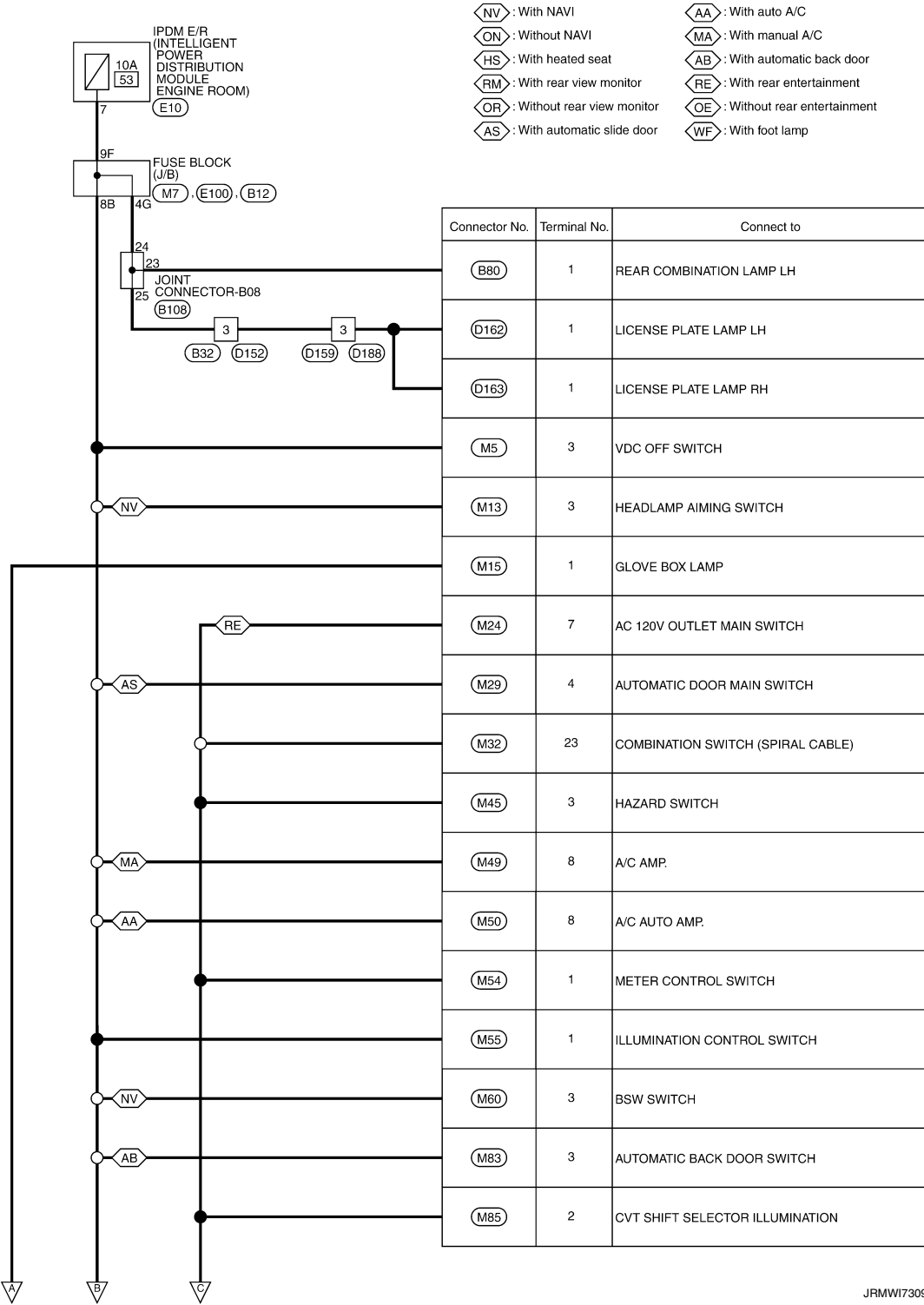
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000012405165

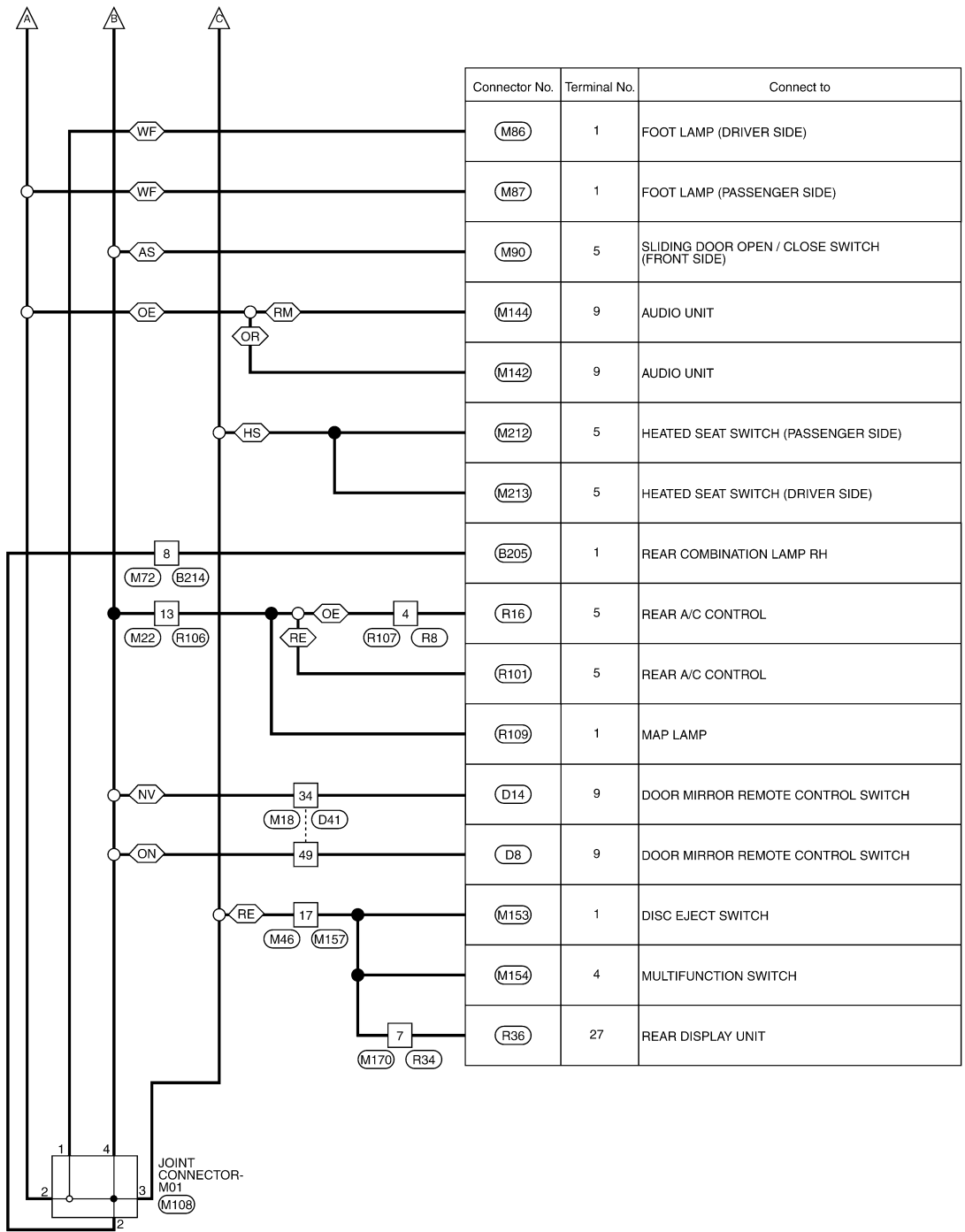
### BATTERY POWER SUPPLY FUSE No. 53



JRMW17309GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



2015/09/04

JRMW17310GB

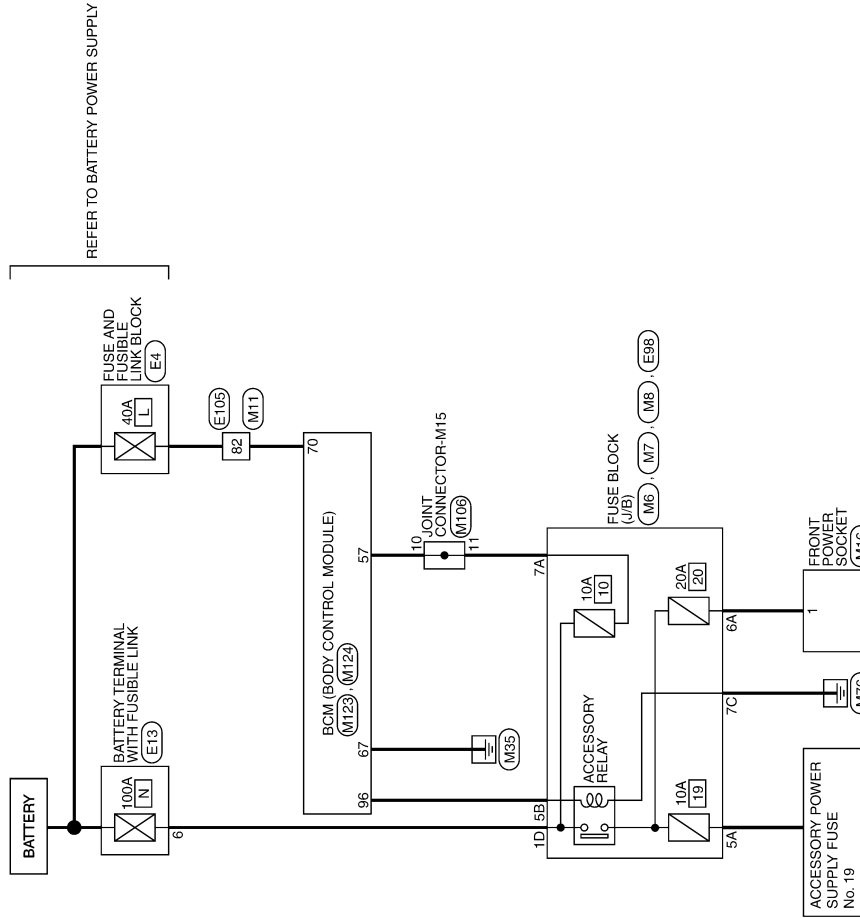
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000012405166

### ACCESSORY POWER SUPPLY



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2015/09/04

JRMW17311GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

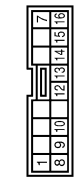
**ACCESSORY POWER SUPPLY**

Connector No.	169
Connector Name	SATELLITE RADIO TUNER
Connector Type	AL65W



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-<KONT)
9	W	COMMUNICATION SIGNAL (SAT-<CONT)
10	R	COMMUNICATION SIGNAL (SAT-<SAT)
12	G	BATTERY POWER SUPPLY
13	B	GROUND
16	P	ACC POWER SUPPLY

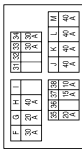
Connector No.	168
Connector Name	DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type	TL165W



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

Terminal No.	14	GR	-	Signal Name [Specification]
	15	R	-	-
	16	P	-	-

Connector No.	164
Connector Name	FUSE AND FUSIBLE LINK BLOCK
Connector Type	24381_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	LG	-
M	BR	-

Connector No.	163
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LO116A-MC



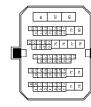
Terminal No.	158	Color Of Wire	-	Signal Name [Specification]
	159	W	-	-
	160	BR	-	-
	161	G	-	-

Connector No.	158
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO116W-MC



Terminal No.	110	Color Of Wire	-	Signal Name [Specification]
	111	W	-	-

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH705MM-CS10-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	-

Terminal No.	15	P	-	Signal Name [Specification]
	16	GR	-	-
	17	BR	-	-
	18	GR	-	-
	19	V	-	-
	20	P	-	-
	21	LG	-	-
	22	O	-	-
	23	P	-	-
	24	SB	-	-
	25	V	-	-
	26	SB	-	-
	27	V	-	-
	28	L	-	-
	29	BR	-	-
	30	G	-	-
	31	B	-	-
	32	O	-	-
	33	Y	-	-
	34	SHIELD	-	-
	35	P	-	-
	36	G	-	-
	37	W/L	-	-
	38	W/R	-	-
	39	W	-	-
	40	Y	-	-
	41	R	-	-
	42	R	-	-
	43	GR	-	-
	44	SB	-	-
	45	Y	-	-
	46	G	-	-
	47	O	-	-
	48	O	-	-
	49	Y	-	-
	50	SHIELD	-	-
	51	P	-	-
	52	G	-	-
	53	O	-	-
	54	Y	-	-
	55	SHIELD	-	-
	56	P	-	-
	57	G	-	-
	58	W/L	-	-
	59	W/R	-	-
	60	W	-	-
	61	Y	-	-
	62	R	-	-
	63	R	-	-
	64	GR	-	-
	65	SB	-	-
	66	Y	-	-
	67	G	-	-
	68	O	-	-
	69	R	-	-
	70	R	-	-
	71	L	-	-
	72	GR	-	-
	73	SB	-	-
	74	Y	-	-
	75	SB	-	-
	76	Y	-	-
	77	G	-	-
	78	O	-	-
	79	R	-	-
	80	R	-	-
	81	L	-	-
	82	LG	-	-
	83	R	-	-

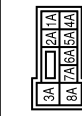
JRMWI7312GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

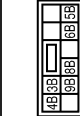
## ACCESSORY POWER SUPPLY

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



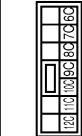
Terminal No.	Color Of Wire	Signal Name [Specification]
1A	Y	-
2A	G	-
3A	L	-
4A	GR	-
5A	V	-
6A	R	-
7A	GR	-
8A	L	-

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



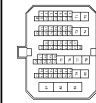
Terminal No.	Color Of Wire	Signal Name [Specification]
3B	V	-
4B	W	-
5B	BR	-
6B	O	-
8B	R/L	-
9B	GR	-

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



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

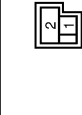
Connector No.	M11
Connector Name	WIRE TO WIRE
Connector Type	TH70FW-CS10-M3



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	LG	- [With automatic drive positioner]
13	G	- [Without automatic drive positioner]

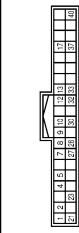
Terminal No.	Color Of Wire	Signal Name [Specification]
13	Y	- [With automatic drive positioner]
14	L	-
15	R	-
16	GR	-
17	LG	-
37	BR	- [With automatic drive positioner]
38	R	- [Without automatic drive positioner]
39	BE	- [With automatic drive positioner]
40	P	- [Without automatic drive positioner]
41	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	-
65	W	-
66	BR	-
67	R	-
68	L	-
72	LG	-
74	Y	-
75	Y	-
76	V	-
77	P	-
78	BR	-
80	Y	-
81	W	-
82	L	-
83	R	-

Connector No.	M16
Connector Name	FRONT POWER SOCKET
Connector Type	PD2FE-Z



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

Connector No.	M19
Connector Name	A/C AMP.
Connector Type	TH40FW-NH



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

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## ACCESSORY POWER SUPPLY

37	BE	INTAKE SENSOR SIGNAL
40	G	SENSOR GROUND

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



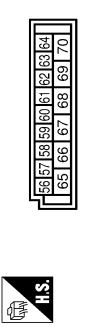
Connector No.	M106
Connector Name	JOINT CONNECTOR-M15
Connector Type	BUDPW



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 position] [With automatic drive position]
22	G	[Without automatic drive position] [With automatic drive position]
23	GR	-
25	GR	-
26	V	-
27	V	-
28	V	-
29	SB	-
30	BE	-
31	SB	-
32	SB	-
33	BE	-

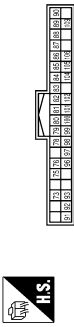
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
4	SB	DOOR MOTOR POWER SUPPLY
5	BR	LAN SIGNAL
7	R	REAR WINDOW DEFOSGER F/B SIGNAL
8	P	ILLUMINATION POWER SUPPLY
9	GR	ACC POWER SUPPLY
10	W	FRONT BLOWER MOTOR CONTROL SIGNAL
12	BE	BLOWER FAN ON SIGNAL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

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TE40DFW-FH46-5A



Terminal No.	Color Of Wire	Signal Name [Specification]
56	P	INT ROOM LAMP PWR SW1
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 REQ
65	V	ALL DOOR LOCK OUTPUT
66	G	DR DOOR UNLK OUTPUT
67	B	GROUND
68	L	PH PWR SW1 (IGN)
69	P	PH PWR SW2 (BAT)
70	L	BAT

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



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

80	GR	FRASE DOOR ANT-
81	BE	PASS DOOR ANT-
82	R	FRASE DOOR ANT+
83	R	REAR BUMP ANT-
84	GR	BCM ANT+
85	R	BCM ANT-
86	W	ROOM ANT+
87	BE	ROOM ANT-
88	GR	Luggage ROOM ANT+
89	B	Luggage ROOM ANT-
90	P	PUSH-BTN IGN SW ILL PWR SW1
91	W	LOCK IND
92	B	PUSH-BTN IGN SW ILL OND
93	R	I-KEY WARN BUZZER
96	BE	ACC RELAY CONT OUTPUT
97	W	STARTER RELAY CONT
98	P	IGN RELAY (PDM/E/R) CONT
99	G	IGN RELAY (F/R) CONT OUTPUT
100	R	PASS DOOR REQ SW
101	R	IGN PWR SW1 2
102	P	F/A POSITION
104	L	CVT SHIFT SELECT PWR SW1
105	R	STOP LAMP SW2
106	O	BLWR RELAY CONT OUTPUT
109	R	ACC IND

Connector No.	M138
Connector Name	TEL ADAPTER UNIT
Connector Type	TH22FW-NH



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 VOICE GUIDANCE)(H)
10	W	SOUND SIGNAL (TEL VOICE VOICE GUIDANCE)(L)
20	GR	CONTROL SIGNAL

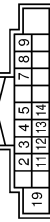
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## ACCESSORY POWER SUPPLY

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.	Color Of Wire	Signal Name [Specification]
2	Y	SOUND SIGNAL FRONT SPEAKER LH (-)
3	B	SOUND SIGNAL FRONT SPEAKER RH (-)
4	SB	SOUND SIGNAL SLIDE DOOR SPEAKER LH (+)
5	LG	SOUND SIGNAL SLIDE DOOR SPEAKER LH (-)
7	GR	ACC
8	B	ILLUMINATION CONTROL SIGNAL (+)
9	P	SOUND SIGNAL FRONT SPEAKER RH (+)
11	B	SOUND SIGNAL FRONT SPEAKER RH (-)
12	L	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
13	P	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
14	V	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
19	Y	BATTERY

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 (+)

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

Connector No.	M154
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH1616V-RH



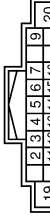
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
2	B	ACC
3	V	ILL COINT
5	GR	AV COMRA (H)
6	SB	AV COMRA (L)
8	LG	AV CONTROL UNIT

Connector No.	M155
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH2424V-RH



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->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

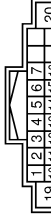
Connector No.	M183
Connector Name	AV CONTROL UNIT
Connector Type	NH18FW-CS2



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	BR	SOUND SIGNAL SLIDE DOOR SPEAKER RH (+)
14	SB	SOUND SIGNAL SLIDE DOOR SPEAKER RH (-)
15	P	STEERING SWITCH SIGNAL A
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
10	O	ACC POWER SUPPLY
11	GR	ACC 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

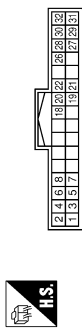
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

**ACCESSORY POWER SUPPLY**

Connector No.	RSB
Connector Name	REAR DISPLAY UNIT
Connector Type	70237W-4NH



Terminal No.	Color Of Wire	Signal Name (Specification)
1	W/L	HEADPHONE SOUND SIGNAL RH (L)
2	L/O	HEADPHONE SOUND SIGNAL RH (R)
3	W	HEADPHONE SOUND SIGNAL LH (L)
4	B	HEADPHONE SOUND SIGNAL LH (R)
5	SHIELD	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 (I)
21	B	AV COMMUNICATION SIGNAL (H)
22	BR	AV COMMUNICATION SIGNAL (H)
24	LG	IGNITION SIGNAL
25	LG	IGNITION SIGNAL
26	B	IGNITION SIGNAL
28	GR	BATTERY POWER SUPPLY
29	GR	BATTERY POWER SUPPLY
31	B	GROUND
32	B	GROUND

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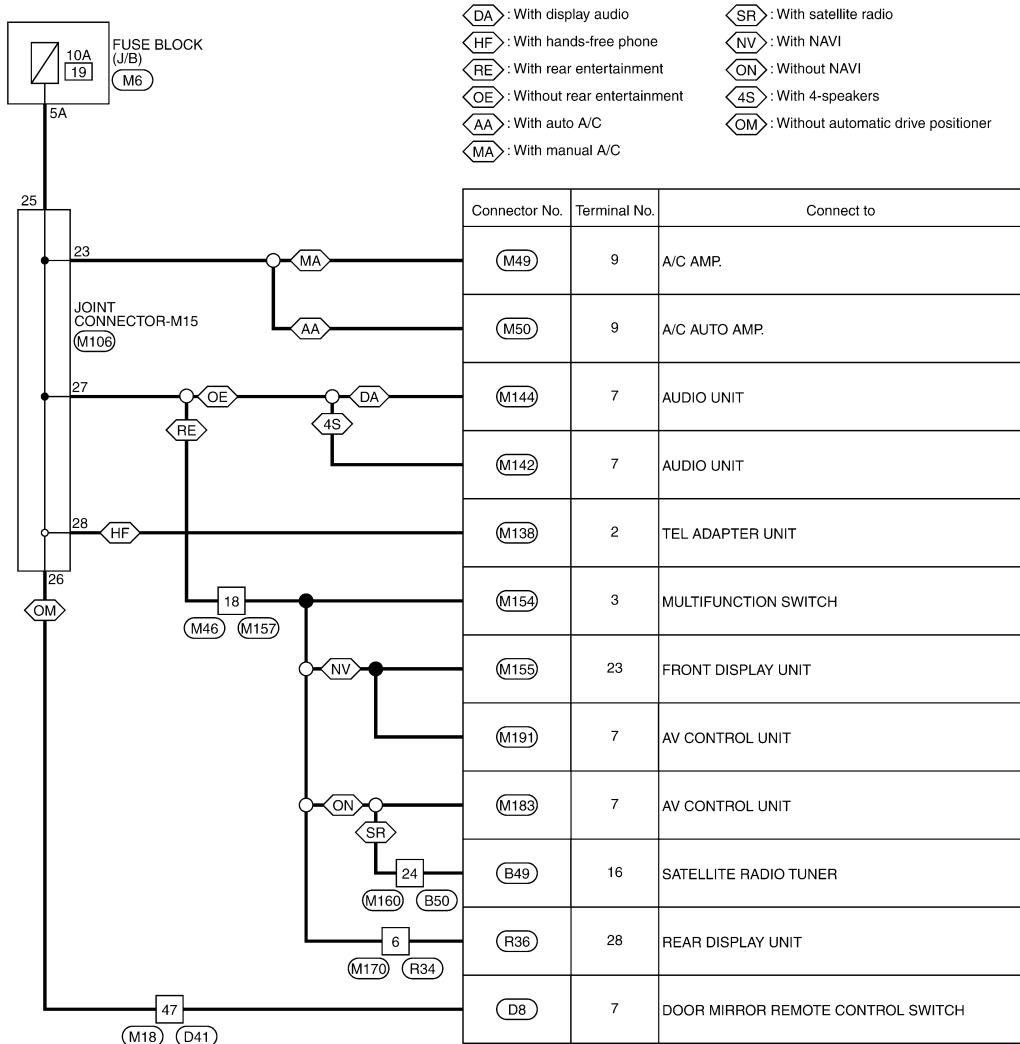


# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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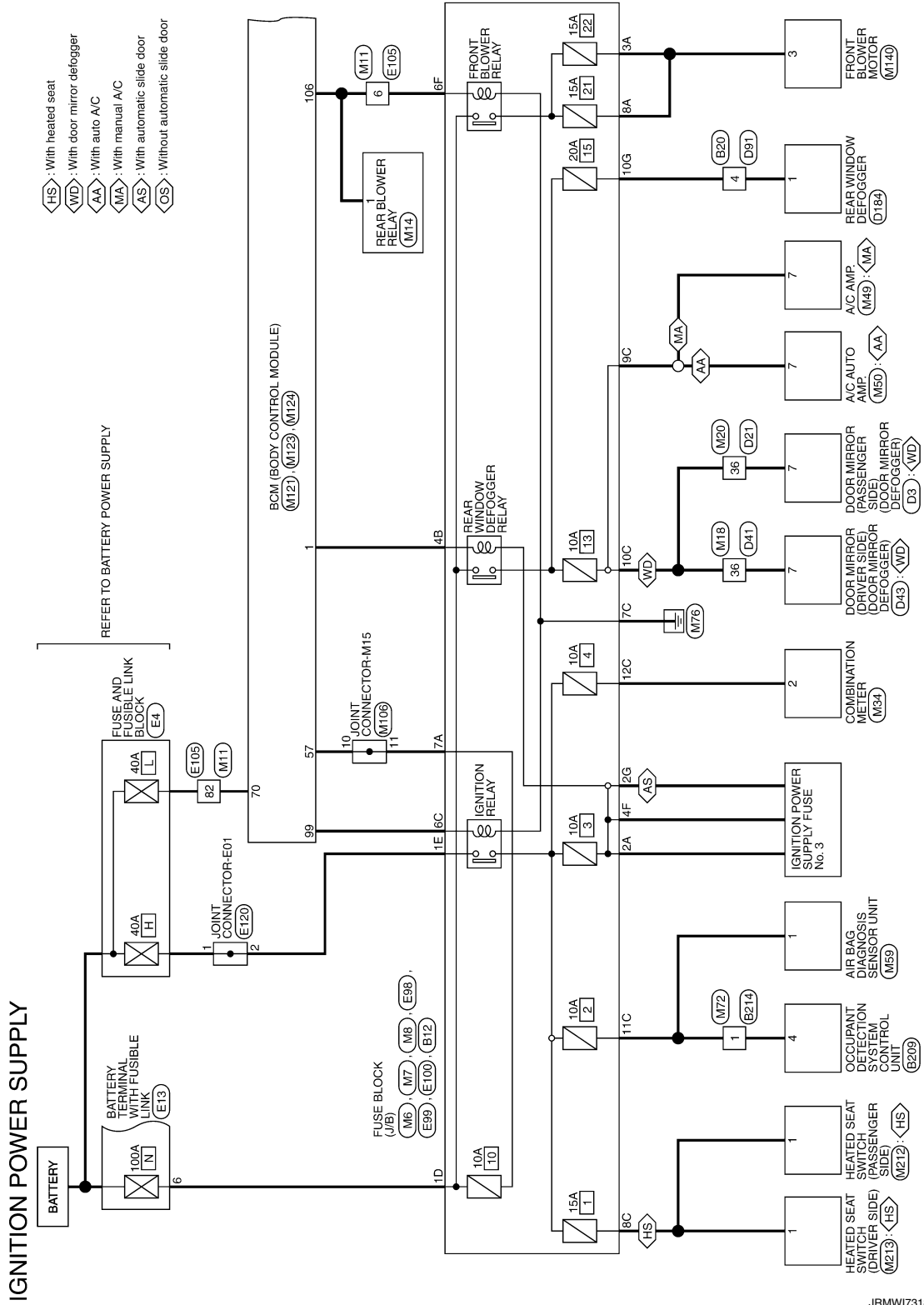
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## Wiring Diagram - IGNITION POWER SUPPLY -

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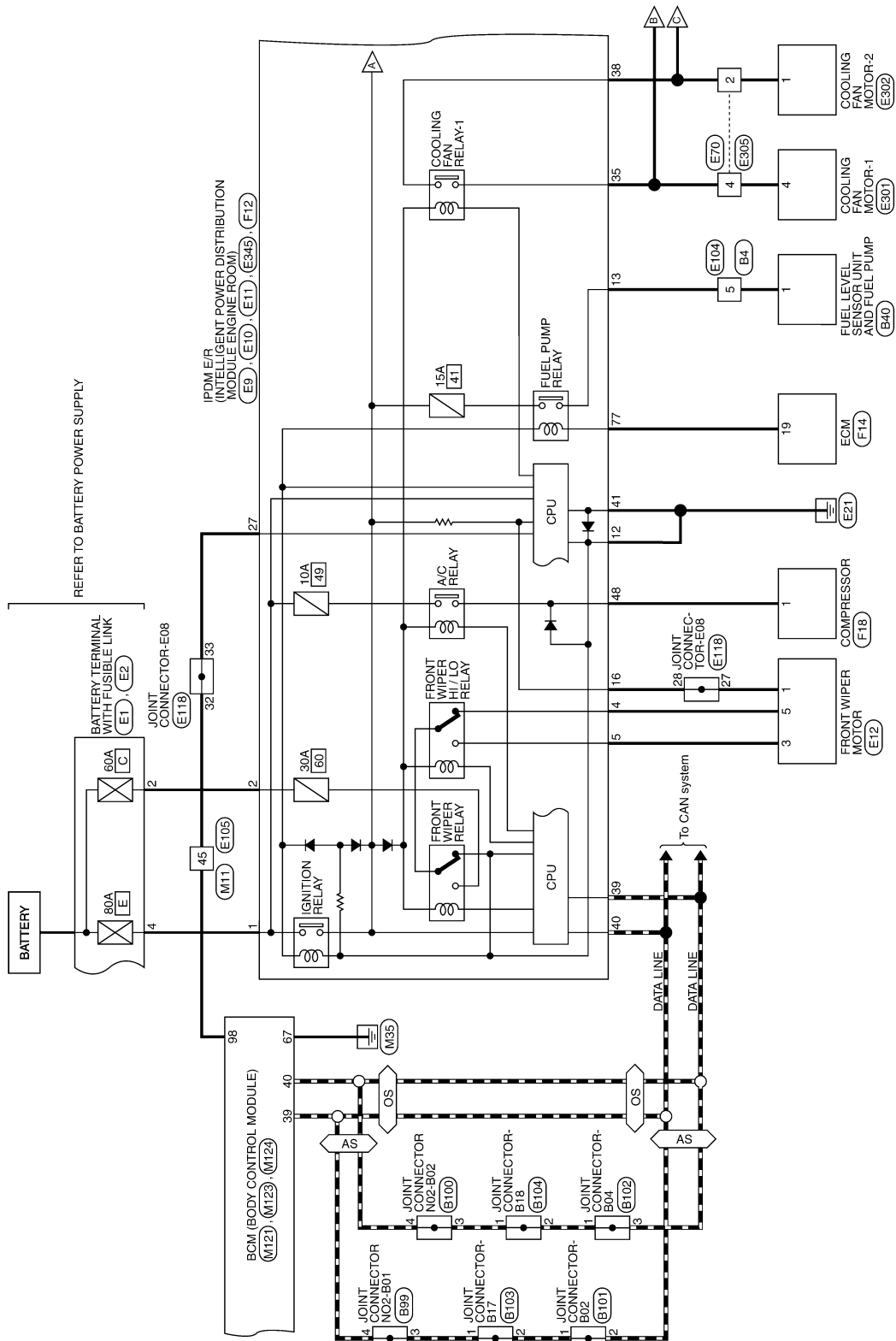


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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

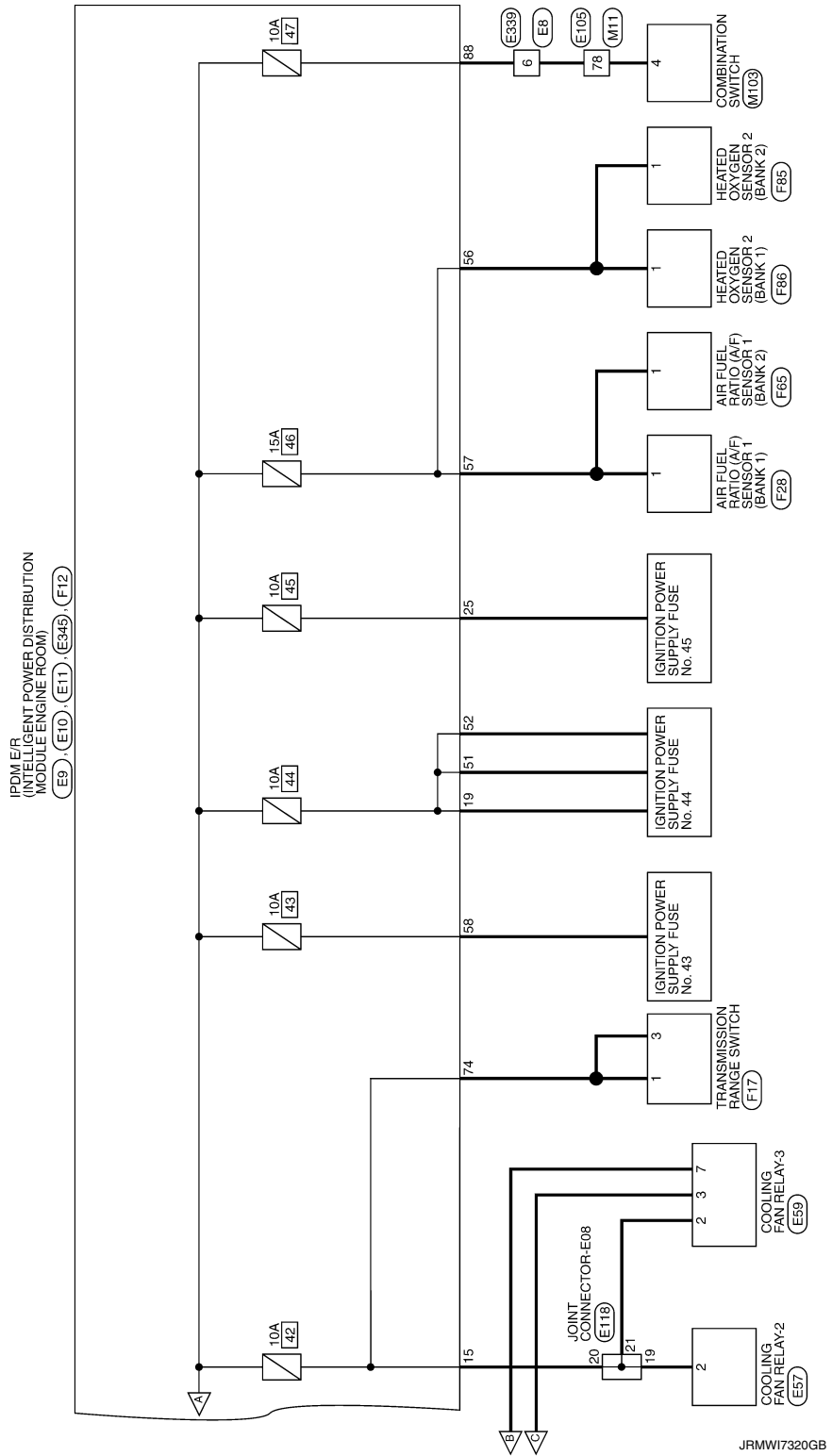


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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

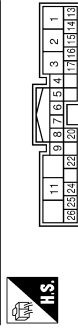
Connector No.	B40
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP
Connector Type	FS5FCP-RS



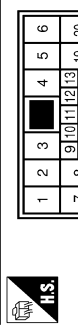
Connector No.	B12
Connector Name	FUSE BLOCK (J/R)
Connector Type	NS2ZF8R-CS



Connector No.	B8
Connector Name	AUTOMATIC BACK DOOR CONTROL MODULE
Connector Type	TH20PM-T8c



Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	W13DMV-CS10



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

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



Terminal No.	Color Of Wire	Signal Name (Specification)
10G	Y	-
12G	V	-
2G	P	-
4G	P	-
5G	W	-

Connector No.	B20
Connector Name	WIRE TO WIRE
Connector Type	M05MW-LC



Terminal No.	Color Of Wire	Signal Name (Specification)
1	SB	+B
2	BR	LATCH WTR CLOSE
3	L	LATCH WTR OPEN
4	P	INSIDE CLOSE SW
5	W	BUZZER
6	B	NAM-FUNC-FIG
7	P	+B
8	B	GROUND
9	GR	+B
11	B	GROUND
13	W	TOUCH SENS RH
14	P	TOUCH SENS GND
15	GR	TOUCH SENS LH
16	L	DRIVER SW
17	G	WAINS SW
20	R	CLOSE SW
21	G	HAND SW
22	G	OPEN SW
23	P	CON-H
26	L	CON-H

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	-
14	GG	-
15	V	-
16	O	-
17	G	-
18	G	-
19	G	-
20	SB	-

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

Terminal No.	Color Of Wire	Signal Name (Specification)
1	L	- [With automatic back door]
1	V	- [Without automatic back door]
2	B	-
3	BR	- [With automatic back door]
3	GR	- [Without automatic back door]
4	V	-
5	V	-
6	B	-

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

13	C	DRIVER SW
14	G	IGNITION
15	W	IGNITION
21	B	SW GND
22	G	IGNITION
23	L	ENCOPER GND
24	B	REL DOORS SW

Connector No.	B57
Connector Name	SIDE BUDAR LH
Connector Type	AAK02FB-WP2-5P



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

Connector No.	B59
Connector Name	JOINT CONNECTOR NO2-B01
Connector Type	TK04FW-J



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

Connector No.	B100
Connector Name	JOINT CONNECTOR NO2-B02
Connector Type	TK04FW-J



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

Connector No.	B101
Connector Name	JOINT CONNECTOR-B02
Connector Type	TK04FW-J



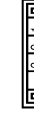
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	L	-
3	L	-
4	L	-

Connector No.	B102
Connector Name	JOINT CONNECTOR-B04
Connector Type	TK04FW-J



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

Connector No.	B103
Connector Name	JOINT CONNECTOR-B17
Connector Type	TK04FW-J



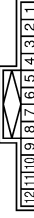
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	L	-
3	L	-

Connector No.	B104
Connector Name	JOINT CONNECTOR-B18
Connector Type	TK04FW-J



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

Connector No.	B105
Connector Name	JOINT CONNECTOR-B01
Connector Type	A12FB



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.	B108
Connector Name	JOINT CONNECTOR-B08
Connector Type	B03PW

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	B	-
26	B	-
27	B	-
28	B	-
30	W	-
31	W	-
32	W	-

Connector No.	B209
Connector Name	OCCUPANT DETECTION SYSTEM CONTROL UNIT
Connector Type	T104PW-NH

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

Connector No.	B214
Connector Name	WIRE TO WIRE
Connector Type	NS12MBRC-S

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.	B247
Connector Name	SLIDING DOOR CONTROL UNIT RH
Connector Type	T103PW-NH

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MAIN SW
3	P	KNOR LOCK
4	R	A-SIGN
5	G	HAL-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 OPEN SW
15	R	NEUTRAL SW
18	W	FULL SW
19	G	DRIVER SW
21	P	B-SIGN
22	W	HANDLE
23	G	SYSTEM SW
24	G	ENCODER GND
27	GR	ENCODER SW
28	GR	RF1 DOOR SW

Connector No.	B317
Connector Name	SIDE PADAR RH
Connector Type	A4C05P-WP-5P

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

Connector No.	D3
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	T102HW-NH

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	-

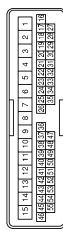
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

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



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

Terminal No.	52	G	-
	52	SHIELD	-
	54	B	-
	55	W	-

Connector No.	D41	WIRE TO WIRE
Connector Name	TH40FW-CS15	
Connector Type		



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

39	GR	-
40	W	-
41	M	-
42	G	-
43	P	-
44	W	-
45	W	-
46	G	-
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	- [With automatic drive positioner]
52	W	- [Without automatic drive positioner]
53	SHIELD	-
54	B	-
55	W	-

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



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	-

Connector No.	D51	WIRE TO WIRE
Connector Name	W66FW-LC	
Connector Type		



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	-



# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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## IGNITION POWER SUPPLY

Connector No.	D184
Connector Name	REAR WINDOW DEFOGGER
Connector Type	PD2FB-A



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

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



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

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



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

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



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

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	-
M	BR	-

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	NS12M8R-CS



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

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

Connector No.	E9
Connector Name	POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	LD2FB-MC



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

Connector No.	E10
Connector Name	POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH20FW-CS12-A41-V



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

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

12	B	-
13	G	-
14	B	-
15	R	-
16	B	-
18	P	-
19	V	-
20	W	-
21	O	-
22	SB	-
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	POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH20FW-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	O	-

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

Connector No.	E12
Connector Name	FRONT WIPER MOTOR
Connector Type	MS95FG



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	UD1FE-MC



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

Connector No.	E19
Connector Name	ECM
Connector Type	RM24FB-R28-LH



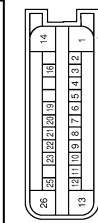
Terminal No.	Color Of Wire	Signal Name [Specification]
121	LG	EVAP CONTROL SYSTEM PRESSURE SENSOR
123	P	CAN COMMUNICATION LINE (CAN-L)
124	L	CAN COMMUNICATION LINE (CAN-H)
125	W	SENSOR POWER SUPPLY
128	Y	FUEL TANK TEMPERATURE SENSOR
133	BR	IGNITION SWITCH
134	Y	ASC-D STEERING SWITCH
135	BR	SENSOR GROUND
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	P	SENSOR POWER SUPPLY
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	FEA04FB-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 ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	AE227FB-AJ24-LH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	VALVE BATTERY
2	Y	RR LH WHEEL SENSOR POWER SUPPLY
3	L	RR 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 SENSORE SIGNAL
9	L	FR LH WHEEL SENSOR POWER SUPPLY
10	B	G SENSOR GND
11	V	RR RH WHEEL SENSOR POWER SUPPLY
12	P	RR RH WHEEL SENSORE SIGNAL
13	B	GROUND
14	G	MOTOR BATTERY
16	SB	STOP LAMP SWITCH SIGNAL
19	Y	G SENSOR SIGNAL (4)
20	GR	IGN

Terminal No.	P	CAN-L
21	BR	VDC OFF SWITCH SIGNAL
22	CAN-L	CAN-L
23	O	G SENSOR SIGNAL (1)
26	B	GROUND

Connector No.	E17
Connector Name	COOLING FAN RELAY-2
Connector Type	MD06FB-R-LC



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

Connector No.	E19
Connector Name	COOLING FAN RELAY-3
Connector Type	MD06FB-R-LC



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

JRMW17326GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

Connector No.	E170
Connector Name	WIRE TO WIRE
Connector Type	MS68MW-LC



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

Connector No.	E58
Connector Name	FUSE BLOCK (J/R)
Connector Type	UD1FW-MC



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

Connector No.	E99
Connector Name	FUSE BLOCK (J/R)
Connector Type	M02FB-LC



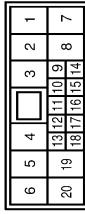
Terminal No.	Color Of Wire	Signal Name [Specification]
1E	G	-

Connector No.	E100
Connector Name	FUSE BLOCK (J/R)
Connector Type	NS16FW-CS



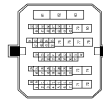
Terminal No.	Color Of Wire	Signal Name [Specification]
1F	G	-
2F	Y	-
3F	SB	-
4F	R	-
5F	L	-
6F	LG	-
7F	P	-
8F	BR	-
9F	BR	-

Connector No.	E104
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-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	W	-
18	BR	-
19	SB	-
20	V	-

Connector No.	E105
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	-
6	LG	-
7	R	-
8	GR	-
9	V	-
10	BR	-
11	Y	-
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	L	-
51	BR	-
52	S	-
53	O	-
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	-

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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

80	R	-
81	V	-
82	L	-
83	R	-

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



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

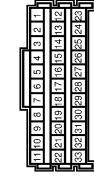
Connector No.	E118
Connector Name	JOINT CONNECTOR-E08
Connector Type	B133FW



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-E05
Connector Type	B133FW



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GB	-
3	GR	-
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	M05FW-J



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	PS04FGY-PR



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

Connector No.	E302
Connector Name	COOLING FAN MOTOR-2
Connector Type	PS04FGY-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	W05FW-LC



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

# POWER SUPPLY ROUTING CIRCUIT

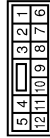
< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

Connector No.	E315
Connector Name	EXHAUST GAS DIFFERENTIAL COORDINATING SENSOR
Connector Type	FR03FB



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



Connector No.	E339
Connector Name	WIRE TO WIRE
Connector Type	NS12FBKCS

Connector No.	E345
Connector Name	POWER LINE INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	NS08PWCS



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

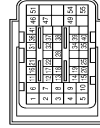


Connector No.	F11
Connector Name	ELECTRONIC CONTROLLED MAIN INJECT CONTROL SOUND VALVE
Connector Type	FD2FBRS

Connector No.	F12
Connector Name	POWER LINE INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM
Connector Type	TH02PWCS12-A44



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



Connector No.	F14
Connector Name	ECM
Connector Type	MAB35FB-MEB20-LH

Terminal No.	Color Of Wire	Signal Name (Specification)
1	W/L	THROTTLE CONTROL MOTOR (G/S)
2	G/W	THROTTLE CONTROL MOTOR POWER SUPPLY
3	G/W	THROTTLE CONTROL MOTOR (G/S)
4	GR	SENSOR GROUND
5	B	KNOCK SENSOR (BANK 1)
6	BR/Y	A/F SENSOR 1 HEATER (BANK 1)
7	P/B	HEATED OXYGEN SENSOR 2 HEATER (BANK 1)
8	O	THROTTLE CONTROL MOTOR RELAY
9	W	KNZ
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. 1
18	Y	SENSOR POWER SUPPLY
19	B	FUEL PUMP RELAY
20	R	REFRIGERANT PRESSURE SENSOR
21	P/B	FUEL INJECTOR No. 6
22	R/Y	FUEL INJECTOR No. 3
25	G	SENSOR GROUND
28	BR	SENSOR POWER SUPPLY
31	Y	ENGINE COOLANT TEMPERATURE SENSOR
32	W/L	HEATED OXYGEN SENSOR 2 (BANK 2)
34	L/Y	INTAKE AIR TEMPERATURE SENSOR
35	B	SENSOR GROUND
36	GR	CRANK POSITION SENSOR
37	W/B	CRANK POSITION SENSOR (BANK 2)
38	O	EXHAUST VALVE TIMING CONTROL POSITION SENSOR (BANK 2)
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)
49	BR/W	ELECTRONIC CONTROLLED MAIN INJECT CONTROL SOUND VALVE
51	L	SENSOR POWER SUPPLY
54	P/L	EMV CANISTER PURGE VOLUME CONTROL SOUND VALVE
55	B/Y	ECM GROUND

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# POWER SUPPLY ROUTING CIRCUIT

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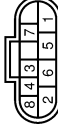
## IGNITION POWER SUPPLY

Connector No.	F16
Connector Name	PRIMARY SPEED SENSOR
Connector Type	RH03FB






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

Connector No.	F17
Connector Name	TRANSMISSION RANGE SWITCH
Connector Type	YD00FB-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	RH03FB



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

Connector No.	F19
Connector Name	OUTPUT SPEED SENSOR
Connector Type	RH03FB



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	RH03FB

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

Connector No.	F23
Connector Name	TCM
Connector Type	RH40FB-H28-L-RH

Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	L RANGE SW
4	G/O	D RANGE SW
5	P/L	N RANGE SW
6	P/B	R RANGE SW
7	BR/W	P RANGE SW
11	W/R	SENSOR GROUND
12	V	CVT FLUID TEMPERATURE SENSOR
14	W	G SENSOR
16	V/W	SECONDARY PRESSURE SENSOR
17	LG	PRIMARY PRESSURE SENSOR
23	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	L/W	SELECT SOLENOID VALVE
38	V/B	TOP/RE COILLECTOR VALVE
39	V/B	SECONDARY PRESSURE SOLENOID VALVE
40	BR	PRIMARY PRESSURE SOLENOID VALVE
41	B	GROUND
42	B	GROUND
45	LG	BATTERY POWER SUPPLY
46	LG	BATTERY POWER SUPPLY
47	Y	IGNITION POWER SUPPLY
48	Y	IGNITION POWER SUPPLY

Connector No.	F28
Connector Name	AIR FUEL RATIO (AFR) SENSOR 1 (BANK 1)
Connector Type	RH40FDON-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	HS42EGY

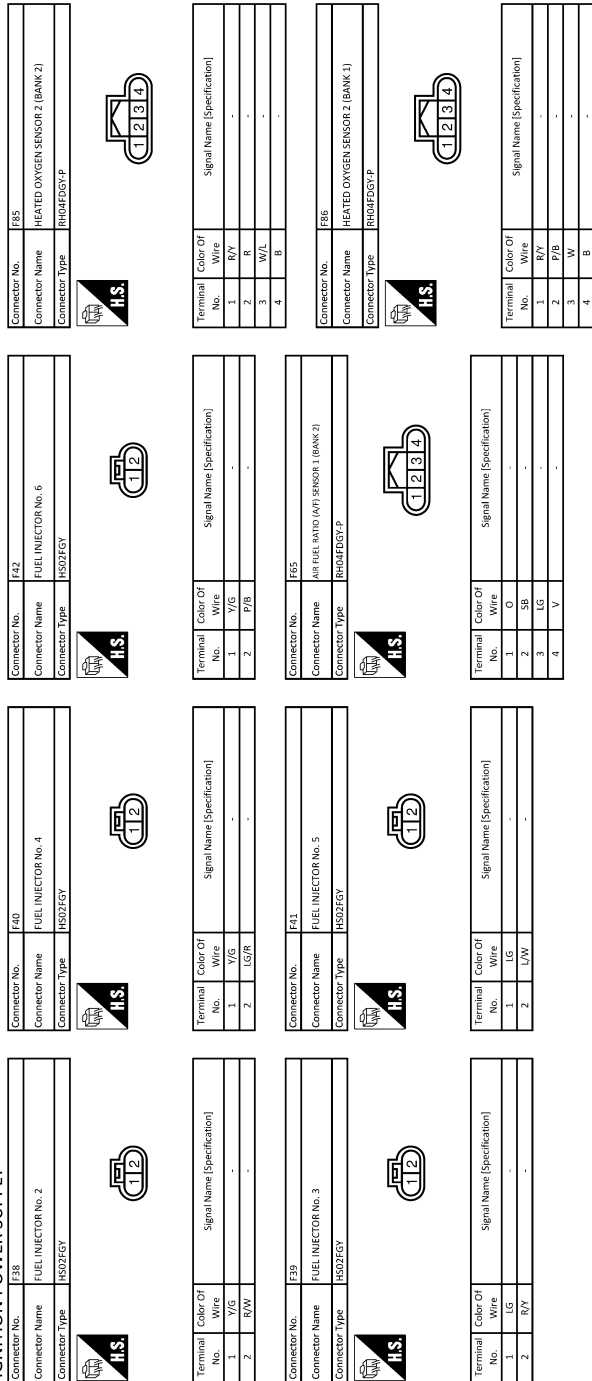



Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	R/B	-

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY



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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

Connector No.	F88
Connector Name	JOINT CONNECTOR-F02
Connector Type	RM10FB



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

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



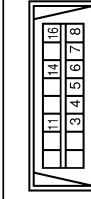
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y/G	-
2	Y/G	-
3	Y/G	-
4	Y/G	-

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



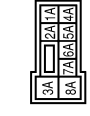
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	LG	-
3	LG	-
4	LG	-

Connector No.	M4
Connector Name	DATA LINK CONNECTOR
Connector Type	BD10FW



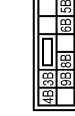
Terminal No.	Color Of Wire	Signal Name [Specification]
3	LG	-
4	GR	-
5	GR	-
6	L	-
7	R	-
8	G	-
11	SB	-
14	P	-
16	P	-

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



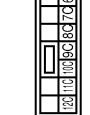
Terminal No.	Color Of Wire	Signal Name [Specification]
1A	Y	-
2A	G	-
3A	L	-
4A	GR	-
5A	V	-
6A	R	-
7A	L	-
8A	L	-

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



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 (J/B)
Connector Type	NS12FW-CS



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	TH70FW-CS10-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]



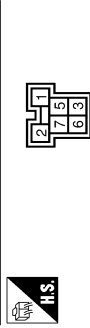
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

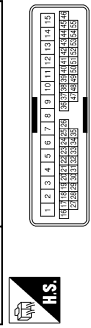
13	Y	-	[With automatic drive positioner]
14	L	-	-
15	W	-	-
16	R	-	-
17	W	-	-
18	GR	-	-
19	LG	-	-
20	BR	-	[With automatic drive positioner]
21	W	-	[Without automatic drive positioner]
22	BE	-	-
23	BE	-	[With automatic drive positioner]
24	P	-	[Without automatic drive positioner]
25	L	-	-
26	G	-	-
27	W	-	-
28	P	-	-
29	V	-	-
30	R	-	-
31	G	-	-
32	W	-	-
33	B	-	-
34	LG	-	-
35	L	-	-
36	SHIELD	-	-
37	R	-	-
38	W	-	-
39	B	-	-
40	W	-	-
41	W	-	-
42	BR	-	-
43	R	-	-
44	LG	-	-
45	L	-	-
46	Y	-	-
47	P	-	-
48	V	-	-
49	BR	-	-
50	W	-	-
51	L	-	-
52	R	-	-
53	R	-	-

Connector No.	M14
Connector Name	REAR BLOWER RELAY
Connector Type	M06FBRA-IC



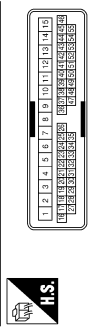
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	R	-
4	G	-
5	L	-
6	L	-
7	Y	-

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	T1420MW-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	T1420MW-CS15



Terminal No.	Color Of Wire	Signal Name [Specification]
7	B	-
8	L	- [With manual A/C]
8	Y	- [With auto A/C]
9	GR	- [With manual A/C]
10	V	-
11	SB	-
12	V	-
14	L	-
15	B	- [Without BOSE system]
15	LG	- [With BOSE system]
16	G	-
17	P	-
18	R	-
19	LG	-
21	R	-
22	W	-
23	W	-
24	SHIELD	-
25	B	-
26	W	-
36	LG	-
37	W	-
38	P	-
39	V	-
40	R	-
41	B	-
42	W	-
43	R	-
44	G	-
45	B	-
46	GR	- [With around view monitor]
46	R	- [Without around view monitor]
47	W	-
47	GR	- [With around view monitor]
48	GR	-
49	P	- [Without automatic drive positioner]
49	R	- [With automatic drive positioner]
50	GR	- [Without automatic drive positioner]
50	W	- [With automatic drive positioner]
51	B	- [Without automatic drive positioner]
51	G	- [With automatic drive positioner]
52	P	- [Without automatic drive positioner]
52	W	- [With automatic drive positioner]
53	SHIELD	-
54	W	-
55	B	-

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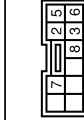
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

Connector No.	M24
Connector Name	AC 120V OUTLET MAIN SWITCH
Connector Type	TK10PW



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

Connector No.	M23
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08PW-NH



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	TH40PW-NH



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	Y	IGNITION SIGNAL (Without automatic drive position)
4	B	IGNITION SIGNAL (With automatic drive position)
5	B	GROUND
6	B/P	ILLUMINATION CONTROL SIGNAL (Without automatic drive position)
7	G	TRIP LEFT SWITCH SIGNAL (Without automatic drive position)
8	SB	TRIP RIGHT SWITCH SIGNAL (Without automatic drive position)
9	P	METER CONTROL SWITCH GROUND
10	P	ENTER SWITCH SIGNAL
11	G	SELECT SWITCH SIGNAL (With automatic drive position)
12	BR	SELECT SWITCH SIGNAL (Without automatic drive position)
13	R	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
14	Y	TRIP RESET SWITCH SIGNAL (With automatic drive position)
15	V	TRIP RESET SWITCH SIGNAL (Without automatic drive position)
16	BR	AIR BAGS SIGNAL
17	L	ENGINE COOLANT TEMPERATURE SIGNAL
18	L	AMBIENT SENSOR SIGNAL (Without automatic drive position)
19	LG	AMBIENT SENSOR SIGNAL (With automatic drive position)
20	R	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
21	G	AUXILIARY SENSOR GROUND (Without automatic drive position)
22	Y	AUXILIARY SENSOR GROUND (With automatic drive position)
23	P	CAN-H
24	B	CAN-L
25	B	FUEL LEVEL SENSOR GROUND
26	BR	ALTERNATOR SIGNAL (With automatic drive position)
27	W	ALTERNATOR SIGNAL (Without automatic drive position)
28	BR	PARKING BRAKE SWITCH SIGNAL
29	BE	BRAKE FLUID LEVEL SWITCH SIGNAL (Without automatic drive position)
30	Y	BRAKE FLUID LEVEL SWITCH SIGNAL (With automatic drive position)
31	V	SECURITY SIGNAL
32	G	WASHER LEVEL SWITCH SIGNAL

Connector No.	M49
Connector Name	A/C AMP.
Connector Type	TH40PW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
3	SB	DOOR MOTOR POWER SUPPLY
4	BR	LAN SIGNAL
5	BR	REAR WINDOW DEFOGGER F/B SIGNAL
6	BR	ILLUMINATION GROUND
7	R	REAR WINDOW DEFOGGER F/B SIGNAL
8	P	BATTERY POWER SUPPLY
9	GR	ACC POWER SUPPLY
10	W	FRONT BLOWER MOTOR CONTROL SIGNAL
11	BE	BLOWER FAN ON SIGNAL
12	BE	A/C ON SIGNAL
13	G	IGNITER ON/OFF CONTROL SIGNAL
14	GR	ENGINE COOLANT TEMPERATURE SIGNAL
15	W	SUNLOAD SENSOR SIGNAL
16	P	FRONT IN-VEHICLE SENSOR SIGNAL
17	P	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
18	B	GROUND
19	B	VEHICLE SPEED SIGNAL
20	BE	REAR WINDOW DEFOGGER ON SIGNAL
21	BE	ILLUMINATION GROUND
22	R	REAR BLOWER MOTOR CONTROL SIGNAL
23	G	COMM (A/C AUTO AMP. -RR A/C CONT.)
24	W	COMM (RR A/C CONT. -A/C AUTO AMP.)
25	R	EMI GAS OUTSIDE DOOR DETECTING SENSOR SIGNAL
26	R	INTAKE SENSOR SIGNAL
27	BE	REAR IN-VEHICLE SENSOR SIGNAL
28	L	AMBIENT SENSOR SIGNAL
29	G	SENSOR GROUND

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	TH40PW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BATTERY POWER SUPPLY
2	G	IGNITION POWER SUPPLY
3	SB	DOOR MOTOR POWER SUPPLY
4	BR	LAN SIGNAL
5	BR	REAR WINDOW DEFOGGER F/B SIGNAL
6	P	ILLUMINATION GROUND
7	R	REAR WINDOW DEFOGGER F/B SIGNAL
8	P	BATTERY POWER SUPPLY
9	GR	ACC POWER SUPPLY
10	W	FRONT BLOWER MOTOR CONTROL SIGNAL
11	BE	BLOWER FAN ON SIGNAL
12	BE	A/C ON SIGNAL
13	G	IGNITER ON/OFF CONTROL SIGNAL
14	GR	ENGINE COOLANT TEMPERATURE SIGNAL
15	W	SUNLOAD SENSOR SIGNAL
16	P	FRONT IN-VEHICLE SENSOR SIGNAL
17	P	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
18	B	GROUND
19	B	VEHICLE SPEED SIGNAL
20	BE	REAR WINDOW DEFOGGER ON SIGNAL
21	BE	ILLUMINATION GROUND
22	R	REAR BLOWER MOTOR CONTROL SIGNAL
23	G	COMM (A/C AUTO AMP. -RR A/C CONT.)
24	W	COMM (RR A/C CONT. -A/C AUTO AMP.)
25	R	EMI GAS OUTSIDE DOOR DETECTING SENSOR SIGNAL
26	R	INTAKE SENSOR SIGNAL
27	BE	REAR IN-VEHICLE SENSOR SIGNAL
28	L	AMBIENT SENSOR SIGNAL
29	G	SENSOR GROUND

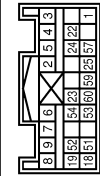
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

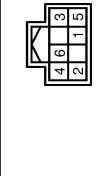
## IGNITION POWER SUPPLY

Connector No.	M59
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TM28FY-EX



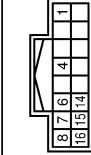
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BE	IGN
2	GR	GROUND
3	LG	DRL (H)
4	Y	DRL (L) DR2 (L)
5	V	DR2 (H)
6	V	AS1 (H)
7	LG	AS1 (L)
8	BR	AS2 (H)
9	Y	AS2 (L)
18	B	EC25 (H)
19	W	EC25 (L)
22	GR	GROUND
23	R	AIRBAG W/L
24	LG	SEATBELT W/L
25	LG	CODEF RELAYE
26	W	SIDE SENS IM2+
27	W	SIDE SENS IM2-
28	W	SIDE SENS IM2
54	B	SIDE SENS IM2
57	W	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L

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



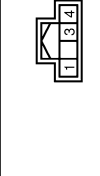
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	B	-
3	P	-
4	B	-
5	G	-
6	P	-

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



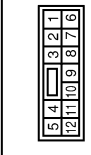
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	SOW_SW
4	P	SOW_SW_IND
6	B	GND
7	L	BSW_COMM-H
8	Y	BSW_COMM-L
14	L	CAN-H
15	P	CAN-L
16	G	IGNITION

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



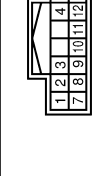
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	IGN
3	GR	GROUND
4	P	IGN-ON/OFF

Connector No.	M72
Connector Name	WIRE TO WIRE
Connector Type	NS12FR-CS



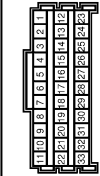
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BE	-
2	R	-
4	P	-
5	L	-
6	Y	-
7	GR	-
8	P	-
9	SB	-
10	W	-
11	Y	-
12	Y	-

Connector No.	M103
Connector Name	COMBINATION SWITCH
Connector Type	TH18FW-NH



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

Connector No.	M106
Connector Name	JOINT CONNECTOR-M15
Connector Type	BU8DFW



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

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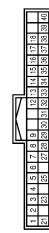
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

8	GR	-	-
9	Y	-	-
10	Y	-	-
11	Y	-	-
12	R	-	-
13	R	-	-
14	R	-	-
15	R	-	-
16	R	-	-
17	O	-	-
18	R	-	-
19	Y	-	-
20	Y	-	-
21	Y	-	-
22	G	-	-
23	GR	-	-
24	GR	-	-
25	GR	-	-
26	V	-	-
27	V	-	-
28	V	-	-
29	SB	-	-
30	BE	-	-
31	SB	-	-
32	SB	-	-
33	BE	-	-

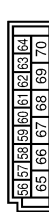
Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FS-SH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	REAR WINDOW DEF RELAY CONT
2	R	COMBI SW INPUT 5
3	G	COMBI SW INPUT 4
4	BE	COMBI SW INPUT 3
5	G	COMBI SW INPUT 2
6	W	KEY CYL UNLOCK SW
7	W	PW SW COMM [With automatic slide door]
8	Y	KEY CYL LOCK SW [Without automatic slide door]

9	GR	STOP LAMP SW 1
10	GR	DOOR LAMP SW LOCK
11	GR	DOOR LAMP SW UNLOCK
12	L	CENTRAL LOCK
13	W	REAR WINDOW DEF SW
14	W	DIAMETER
15	O	SENS PWR SW 1
16	O	RECEIVE/SENS GND
17	R	MATS ANT AMP
18	GR	SECURITY INP CONT
19	W	MATS ANT AMP
20	Y	A/C ON
21	Y	HAZARD SW
22	G	BK DOOR CNR SW
23	GR	DR DOOR UNLK SENS
24	GR	COMBI SW OUTPUT 5
25	GR	COMBI SW OUTPUT 4
26	V	COMBI SW OUTPUT 3
27	V	COMBI SW OUTPUT 2
28	V	COMBI SW OUTPUT 1
29	SB	DEFENT SW
30	BE	RECEIVER COMM
31	SB	CANH
32	SB	CANL
33	BE	CANL

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TE40SPW-FH46-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
56	P	INT ROOM LAMP PWR SW 1
57	Y	BAT
58	O	AIR BAG
59	SB	PASS DOOR UNLK OUTPUT
60	V	TURN SIG RH OUTPUT
61	G	TURN SIG LH OUTPUT
62	W	STEP LAMP CONT
63	R	INT ROOM LAMP CONT
64	W	CRANK RED

65	V	ALL DOOR LOCK OUTPUT
66	G	DR DOOR UNLK OUTPUT
67	G	GRND
68	L	PW PWR SW 1 (GN)
69	P	PW PWR SW 1 (B3)
70	L	BAT

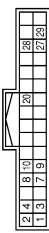
Connector No.	M124
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
73	G	ON IND
74	G	DR DOOR REG SW
75	V	PUSH SW
76	V	DR DOOR ANTI-
77	B	DR DOOR ANTI-
78	W	PASS DOOR ANTI-
79	W	PASS DOOR ANTI-
80	GR	REAR DOOR ANTI-
81	BE	REAR DOOR ANTI-
82	O	REAR DOOR ANTI-
83	GR	ROOM ANTI
84	B	ROOM ANTI
85	B	ROOM ANTI
86	W	ROOM ANTI
87	BE	ROOM ANTI
88	GR	Luggage ROOM ANTI-
89	B	Luggage ROOM ANTI-
90	P	PUSH BTN IGN SW ILL PWR SW 1
91	W	LOCK IND
92	B	PUSH BTN IGN SW ILL GND
93	R	L-KEY WARN BUZZER
94	BE	ACC RELAY CONT OUTPUT
95	W	STARTER RELAY CONT
96	BE	IGN RELAY (PDM) E/R CONT
97	W	IGN RELAY (PDM) E/R CONT
98	P	IGN RELAY (PDM) E/R CONT
99	G	PASS DOOR UNLK SW
100	R	IGN PWR SW 1
101	R	IGN PWR SW 2
102	P	P/W POSITION
103	L	CVT SHIFT SELECT PWR SW 1
104	L	STOP LAMP SW 2
105	R	STOP LAMP SW 2

106	O	BWWR RELAY CONT OUTPUT
107	R	ACC IND

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



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
2	GR	ACC POWER SUPPLY
3	G	IGNITION SIGNAL
4	GR	GROUND
5	GR	MICROPHONE SIGNAL
6	B	MICROPHONE GROUND
7	B	SHIELD
8	B	SOUND SIGNAL (TEL VOICE VOICE GUIDANCE) (H)
9	B	SOUND SIGNAL (TEL VOICE VOICE GUIDANCE) (L)
10	W	CONTROL SIGNAL
11	GR	CONTROL SIGNAL
12	GR	CONTROL SIGNAL
13	BE	VEHICLE SPEED SIGNAL (SPULSE)
14	W	MICROPHONE VCC

Connector No.	M140
Connector Name	FRONT BLOWER MOTOR
Connector Type	NS33FW-M3



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

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## IGNITION POWER SUPPLY

Connector No.	M186
Connector Name	AV CONTROL UNIT
Connector Type	TH32PW-AH

Connector No.	M193
Connector Name	AV CONTROL UNIT
Connector Type	TH32PW-AH

Connector No.	M212
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS06FR-CS

Connector No.	M253
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40PW-AH

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	W	AUX SOUND SIGNAL (L)
103	R	AUX SOUND SIGNAL (R)
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 SIGNAL 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-SHSP)
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
86	B	MICROPHONE SIGNAL
87	SHIELD	SHIELD
88	W	COMMUNICATION SIGNAL (DISP-COMT)
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	NS06FR-CS

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

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 DRIVERSIDE GROUND
14	R	SIDE CAMERA DRIVERSIDE POWER SUPPLY
15	SHIELD	SHIELD
16	W	SIDE CAMERA DRIVERSIDE IMAGE SIGNAL
17	B	REAR CAMERA GROUND
18	B	REAR CAMERA POWER SUPPLY
19	SHIELD	SHIELD
20	P	REAR CAMERA IMAGE SIGNAL
24	L	CAN-L
26	L	CAN-H
32	LG	REVERSE SIGNAL
39	B	GROUND
40	G	IGNITION SIGNAL

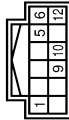
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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

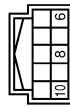
## IGNITION POWER SUPPLY

Connector No.	R16
Connector Name	REAR A/C CONTROL
Connector Type	TH12FV-NH



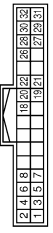
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
5	R	ILL- [With auto A/C]
6	R/L	ILL+ [With manual A/C]
9	BR/R	ILL-
10	V	RX [With manual A/C]
12	G	RX [With auto A/C]

Connector No.	R25
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10F5-NH



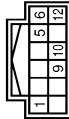
Terminal No.	Color Of Wire	Signal Name [Specification]
6	V	-
8	G	-
10	BR	-

Connector No.	R16
Connector Name	REAR DISPLAY UNIT
Connector Type	TH12FV-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W/L	HEADPHONE SOUND SIGNAL RH (L)
2	L/O	HEADPHONE SOUND SIGNAL RH (L)
3	W	HEADPHONE SOUND SIGNAL LH (L)
4	B	HEADPHONE SOUND SIGNAL LH (L)
5	SHIELD	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 (L)
21	B	AV COMMUNICATION SIGNAL (H)
22	BR	AV COMMUNICATION SIGNAL (H)
26	LG	IGNITION SIGNAL
27	Y	IGNITION SIGNAL
28	BR	IGNITION SIGNAL
29	GR	BATTERY POWER SUPPLY
30	GR	BATTERY POWER SUPPLY
31	B	GROUND
32	B	GROUND

Connector No.	R101
Connector Name	REAR A/C CONTROL
Connector Type	TH12FV-NH



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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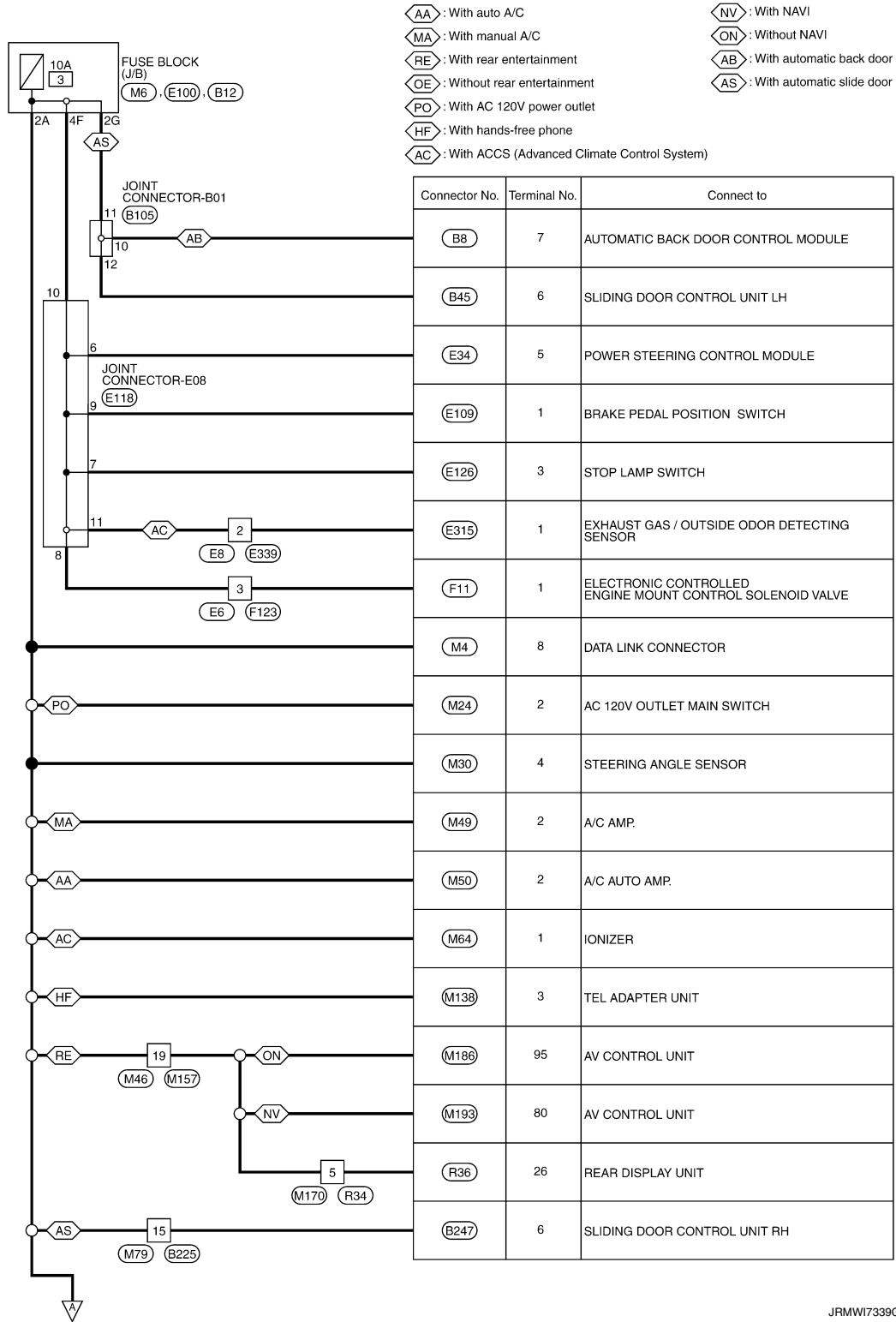
# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

## Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000012405169

### IGNITION POWER SUPPLY FUSE No. 3

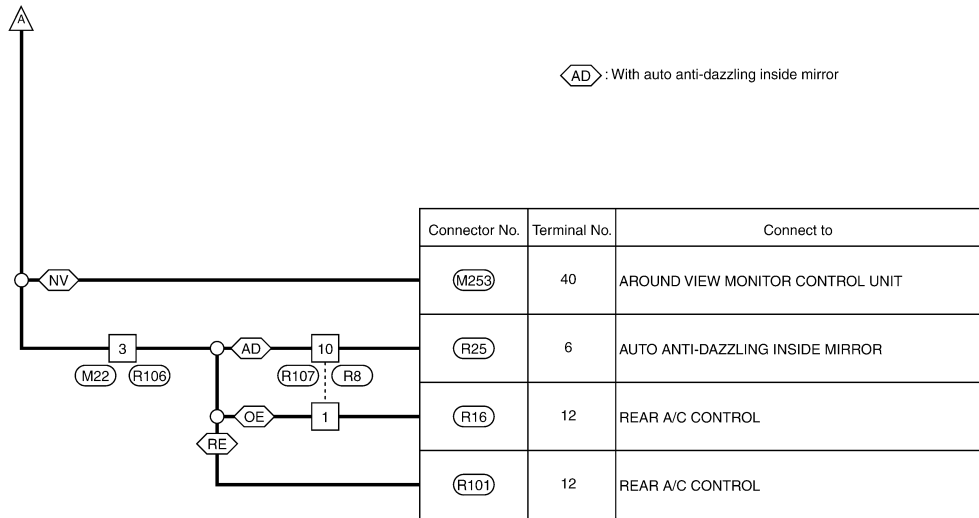


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# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



2015/09/04

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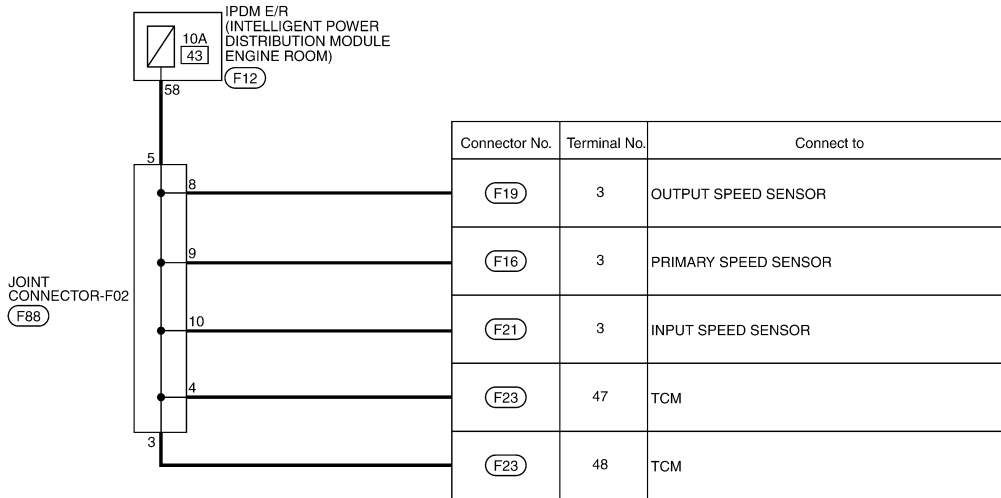


# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405170



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2015/09/04

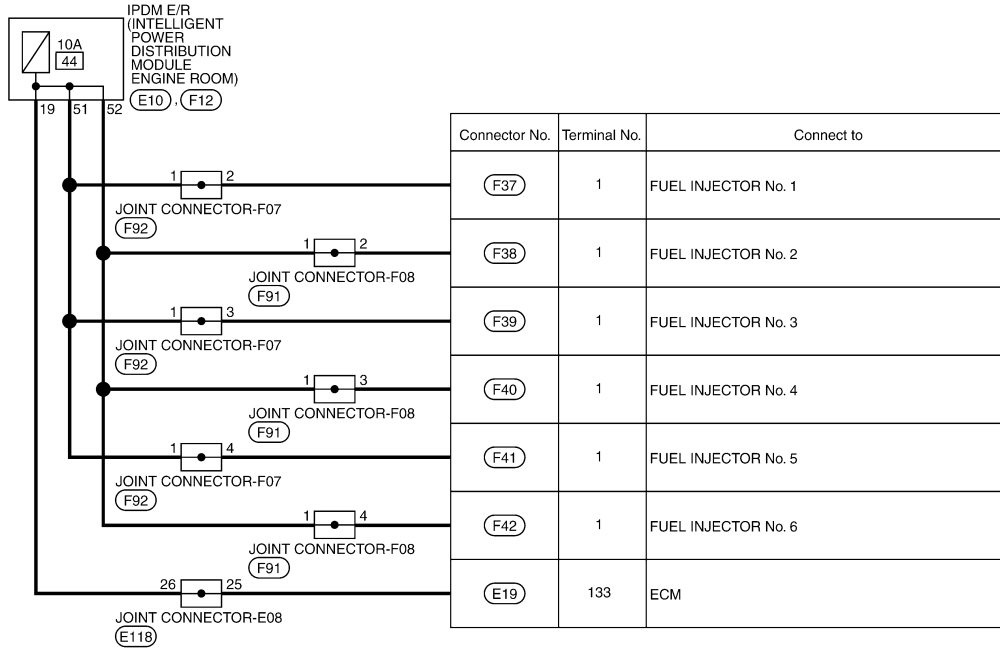
JRMW17341GB

# POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

INFOID:000000012405171



2015/09/04

JRMWI7342GB

# POWER SUPPLY ROUTING CIRCUIT

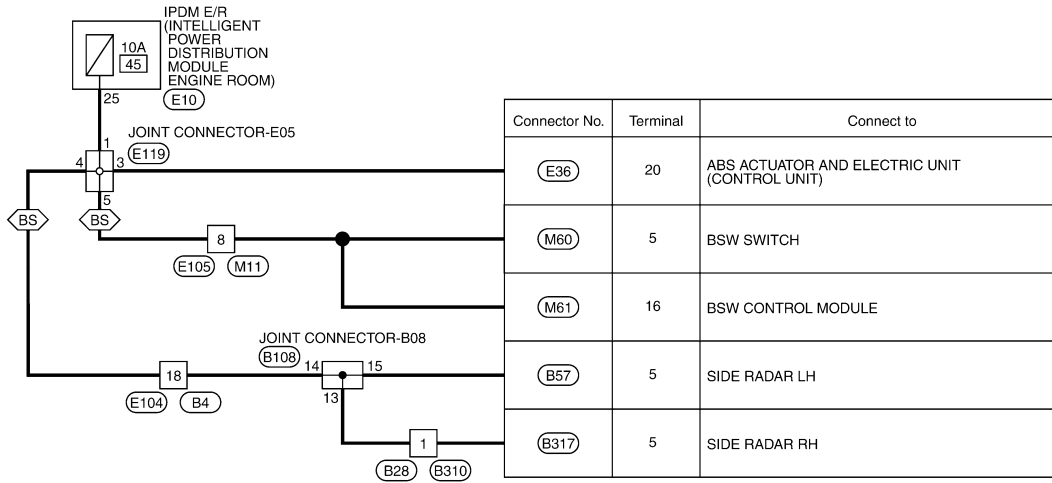
< WIRING DIAGRAM >

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

INFOID:000000012405172

### IGNITION POWER SUPPLY FUSE No. 45

BS : With blind spot warning



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JRMW17343GB

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# GROUND DISTRIBUTION

< WIRING DIAGRAM >

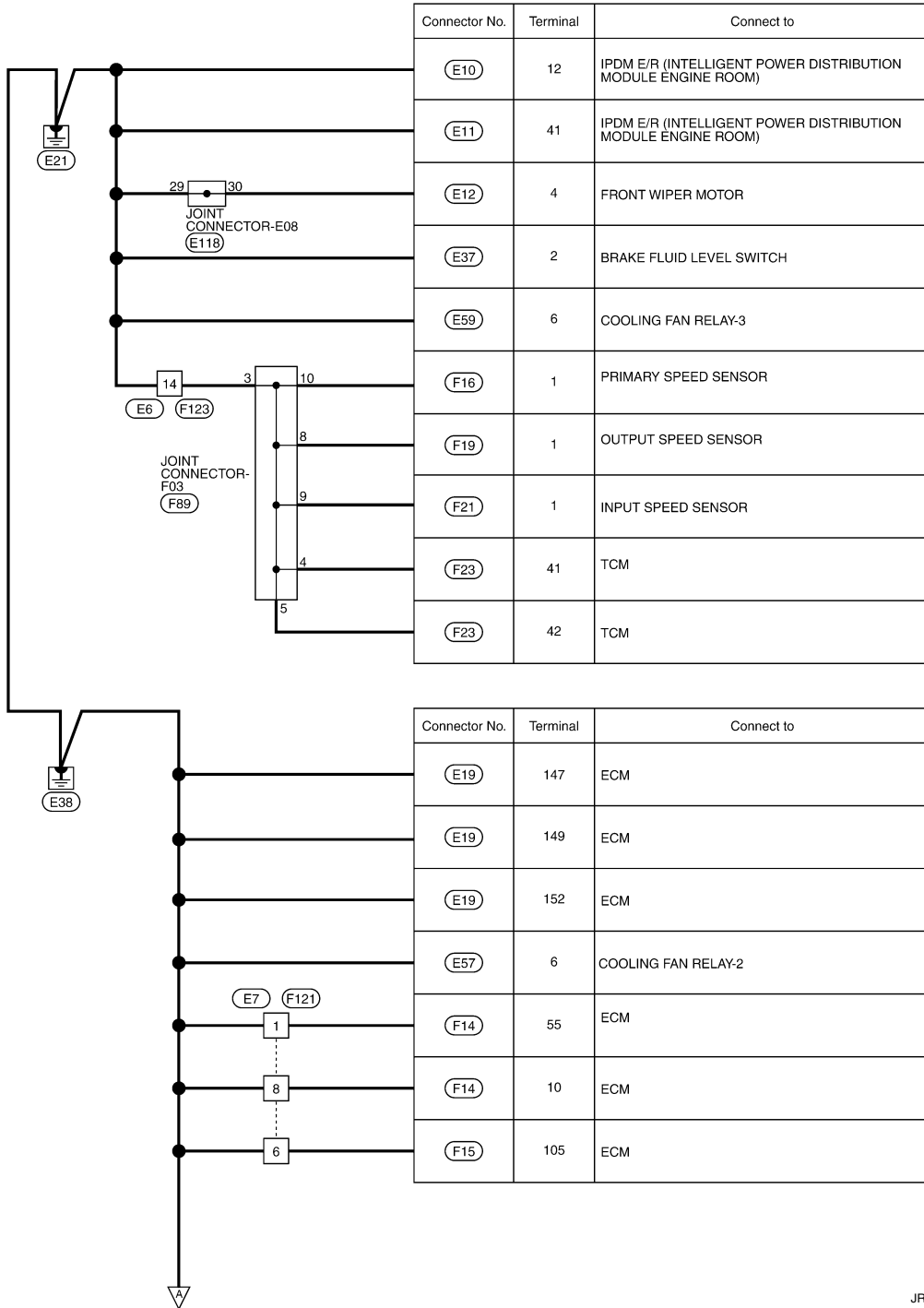
## GROUND DISTRIBUTION

### Engine Room Harness

INFOID:000000012405173

#### ENGINE ROOM HARNESS

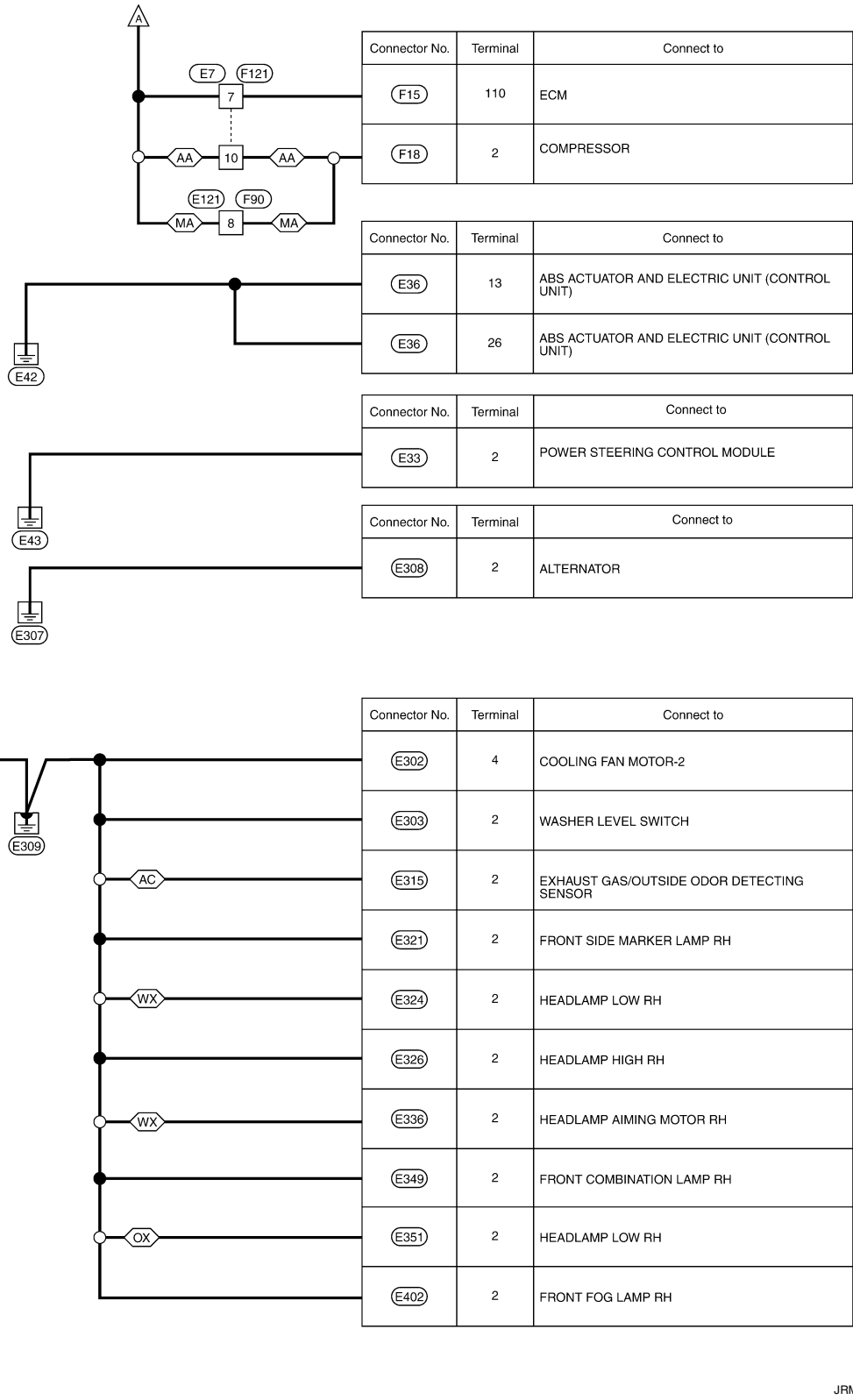
- AC : With ACSS (Advanced Climate Control System)
- AA : With auto A/C
- MA : With manual A/C
- OX : Without xenon headlamp
- WX : With xenon headlamp



JRMW17351GB

# GROUND DISTRIBUTION

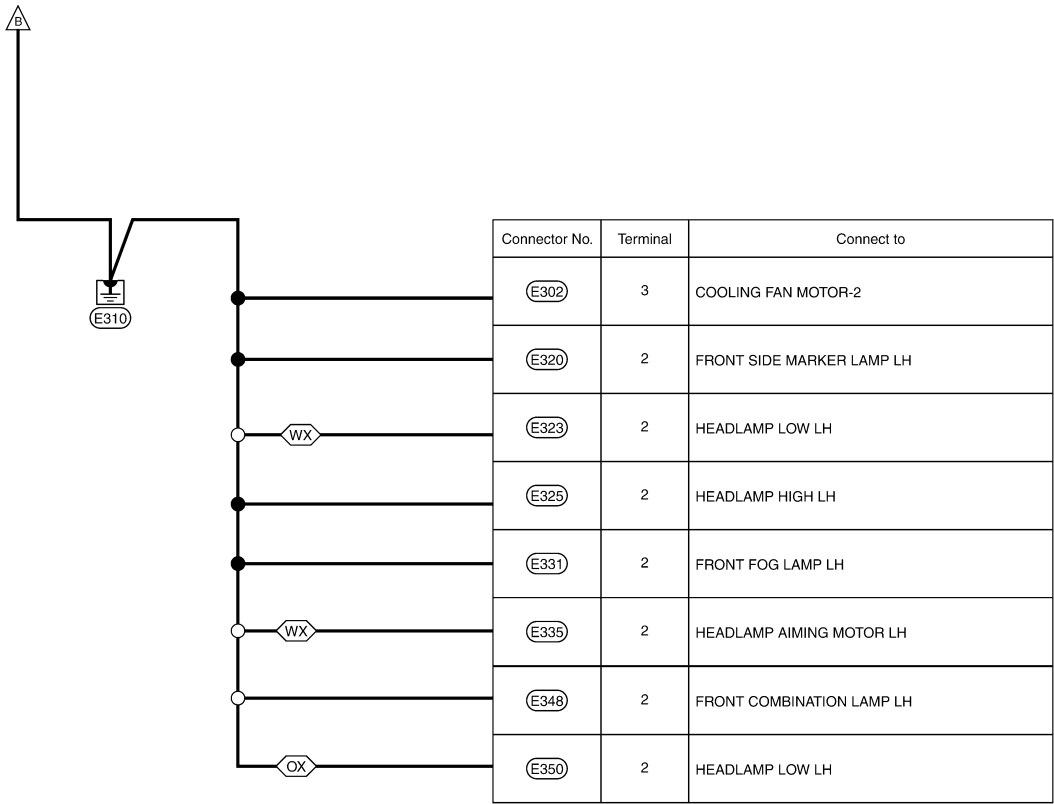
< WIRING DIAGRAM >



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# GROUND DISTRIBUTION

< WIRING DIAGRAM >



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JRMWI7353GB

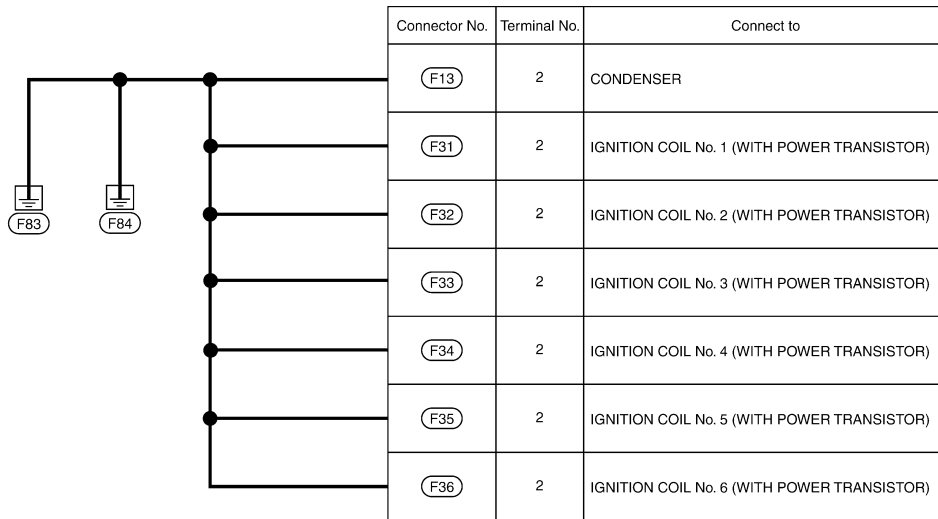
# GROUND DISTRIBUTION

< WIRING DIAGRAM >

## Engine Control Harness

INFOID:000000012405174

### ENGINE CONTROL HARNESS



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2014/07/25

JRMWG3394GB

# GROUND DISTRIBUTION

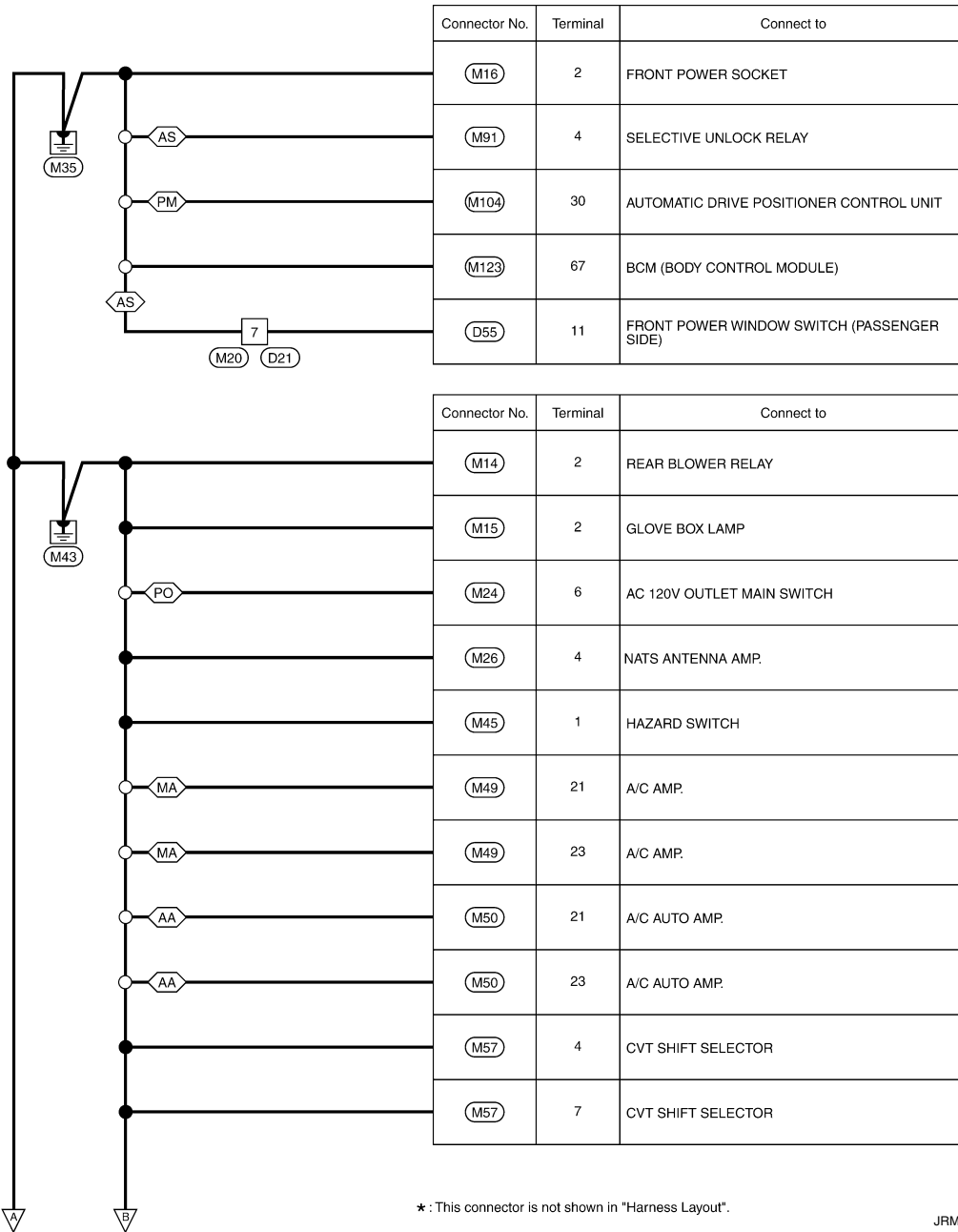
< WIRING DIAGRAM >

## Main Harness

INFOID:000000012405175

### MAIN HARNESS

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

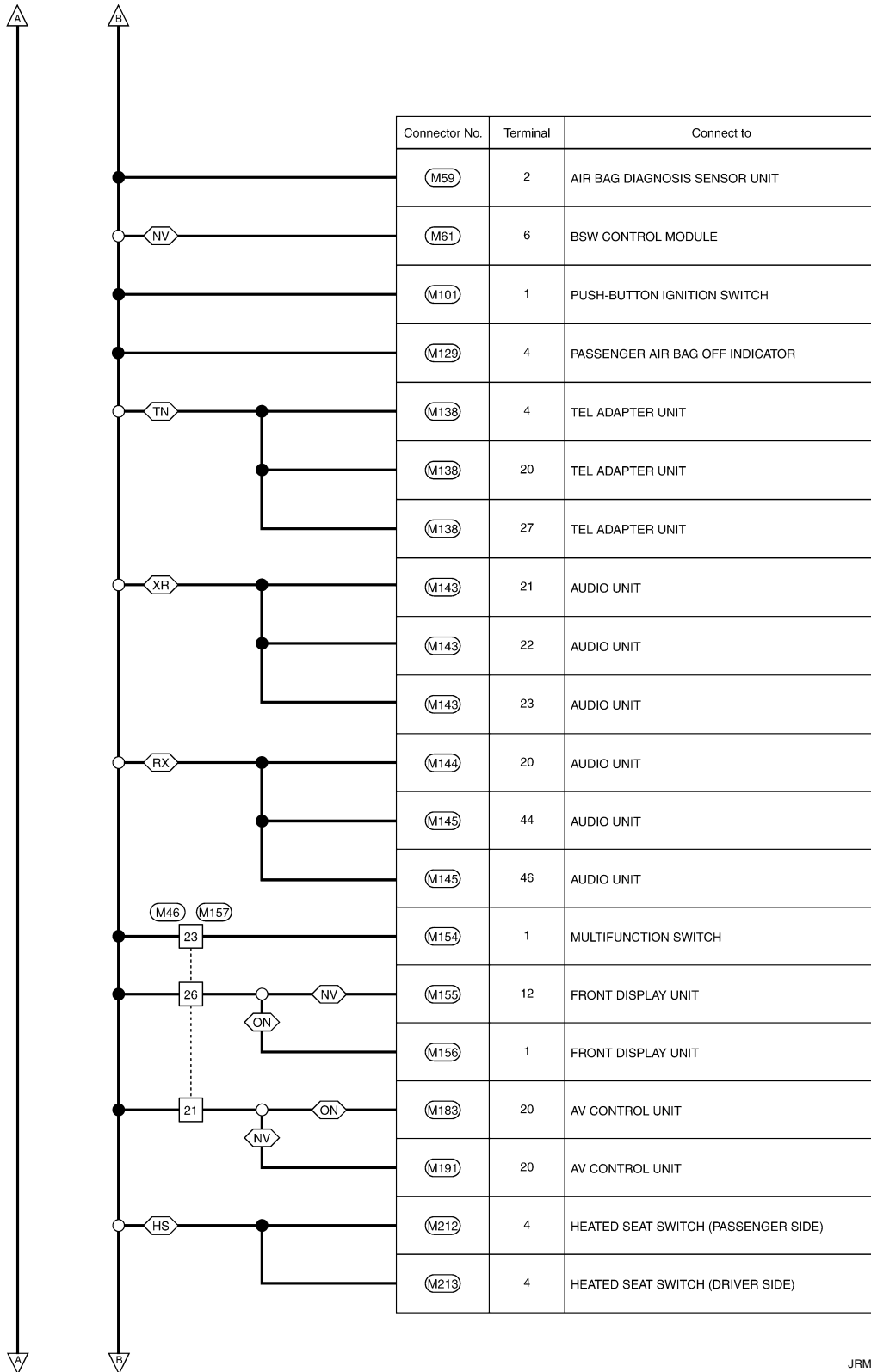


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# GROUND DISTRIBUTION

< WIRING DIAGRAM >

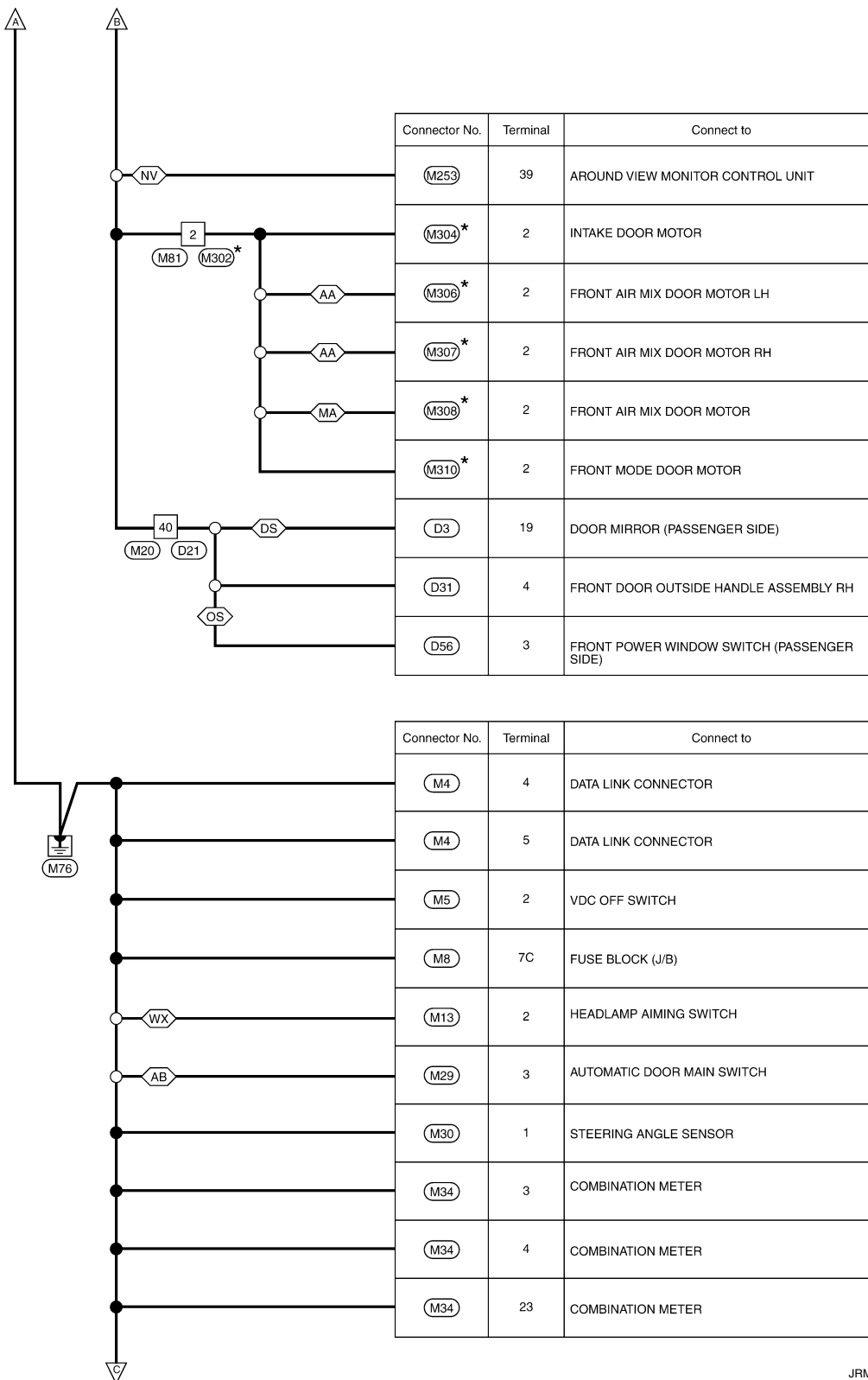


JRMW17347GB

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# GROUND DISTRIBUTION

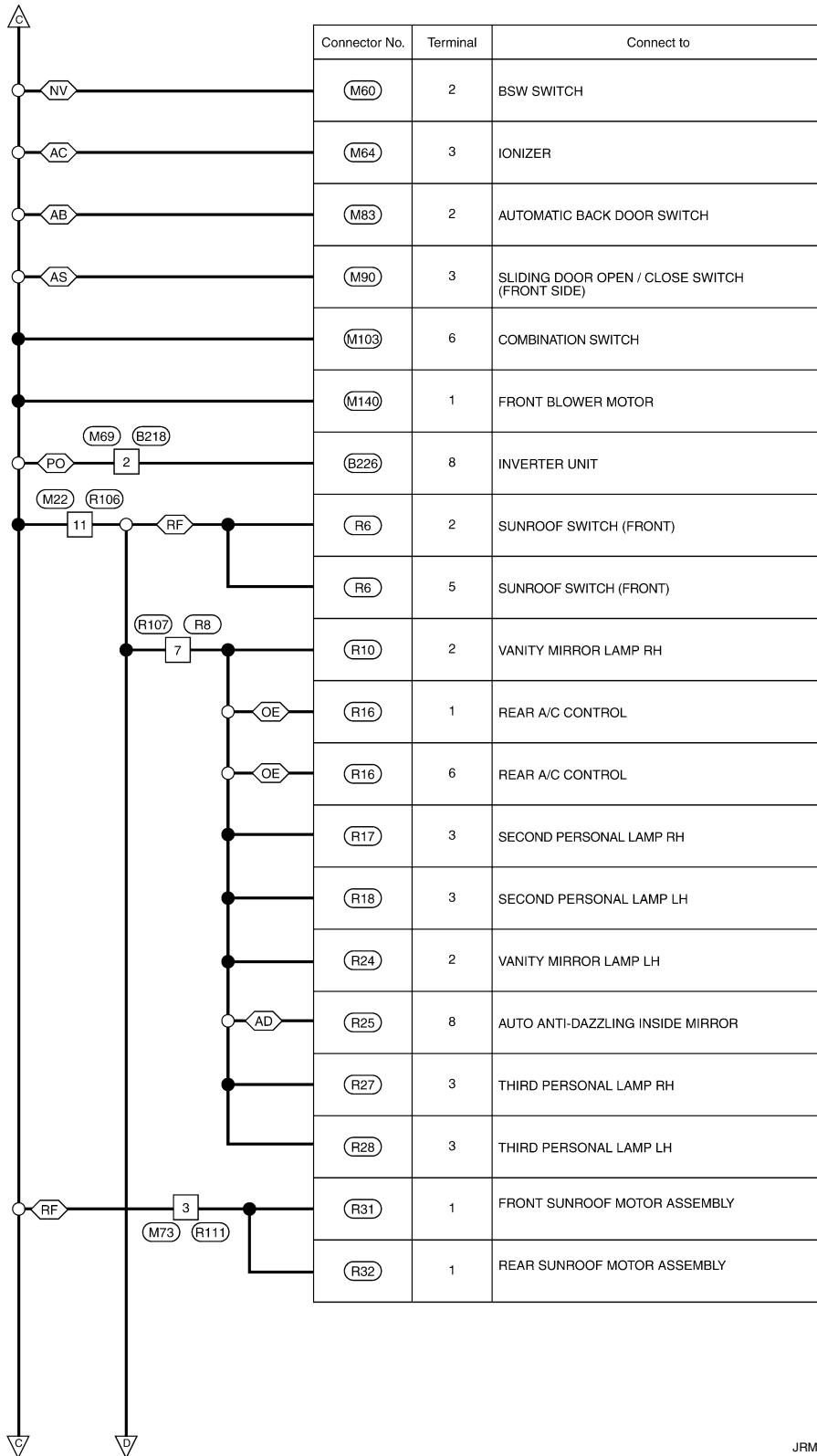
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# GROUND DISTRIBUTION

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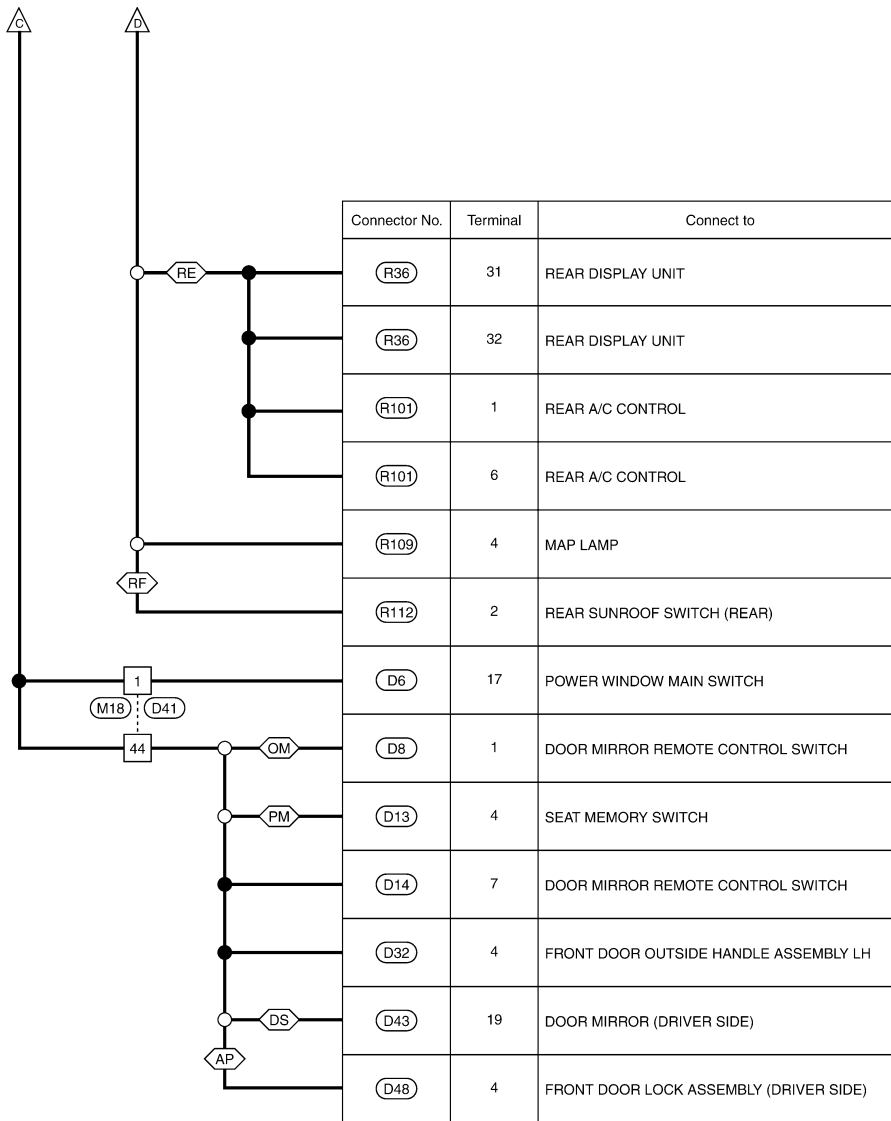


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# GROUND DISTRIBUTION

< WIRING DIAGRAM >



2015/09/04

JRMWI7350GB

# GROUND DISTRIBUTION

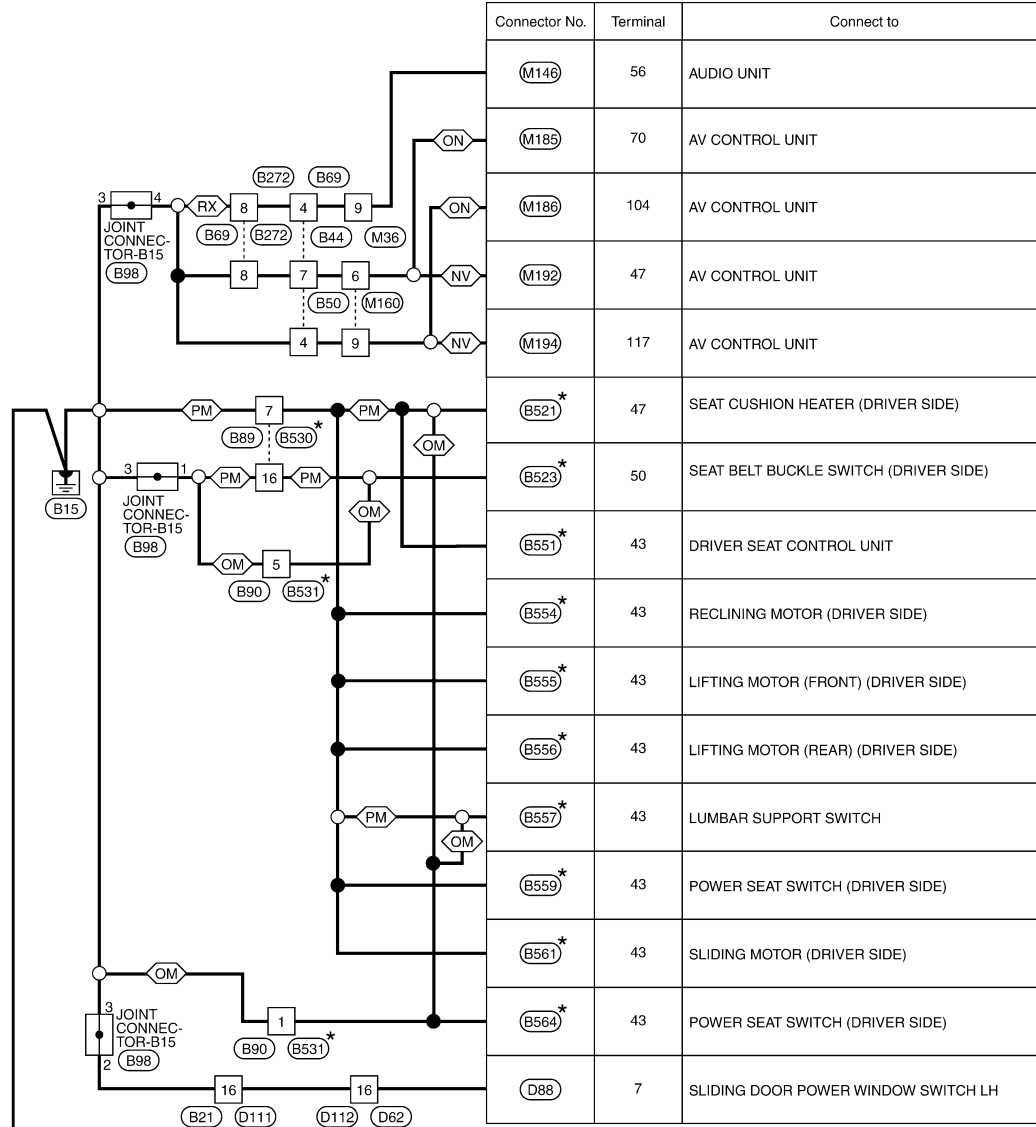
< WIRING DIAGRAM >

## Body Harness

INFOID:000000012405176

### BODY HARNESS

- PM : With automatic drive positioner
- OM : Without automatic drive positioner
- AS : With automatic side door
- AB : With automatic back door
- RP : 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



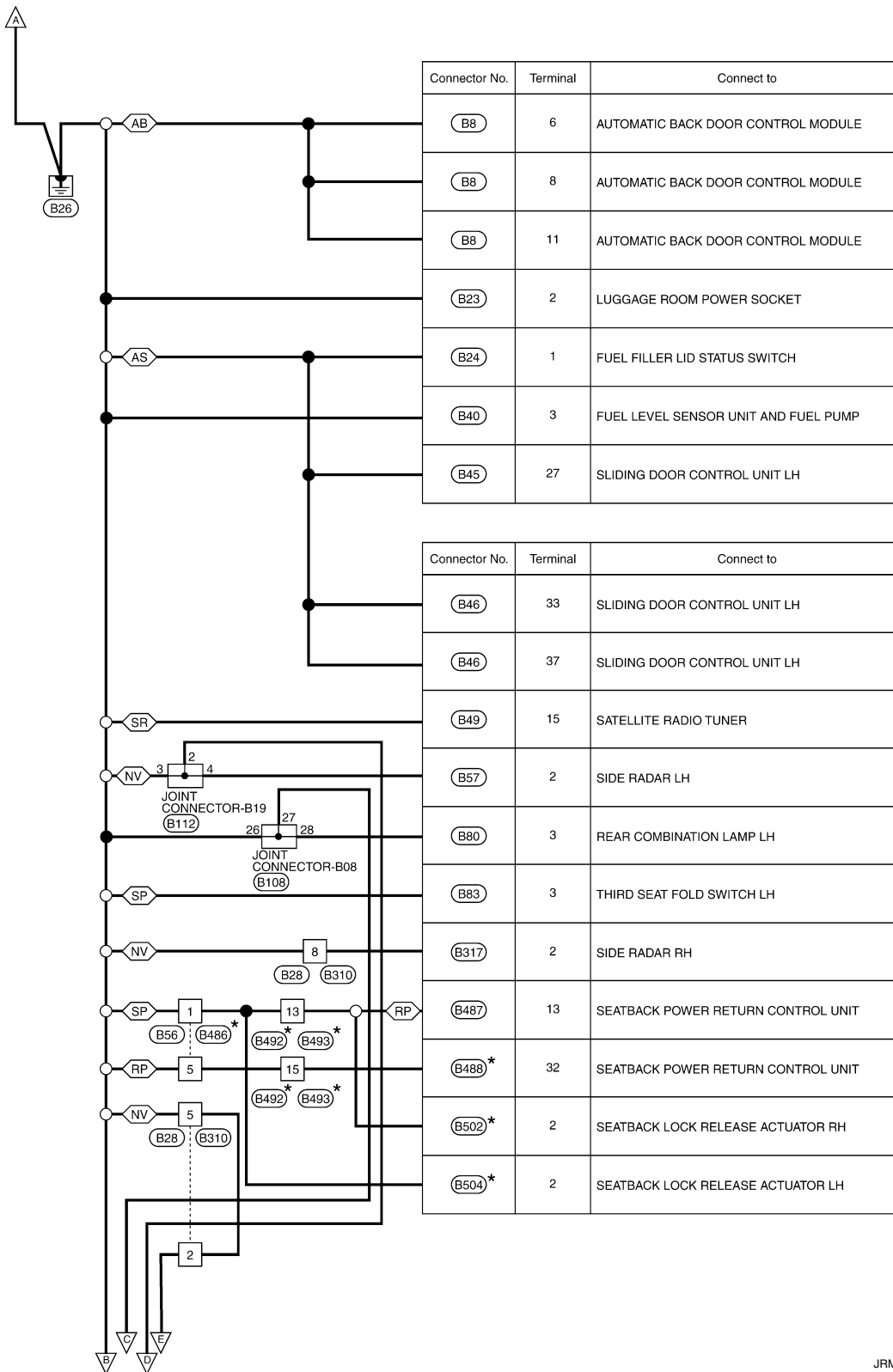
\* : This connector is not shown in "Harness Layout".

JRMW17354GB

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# GROUND DISTRIBUTION

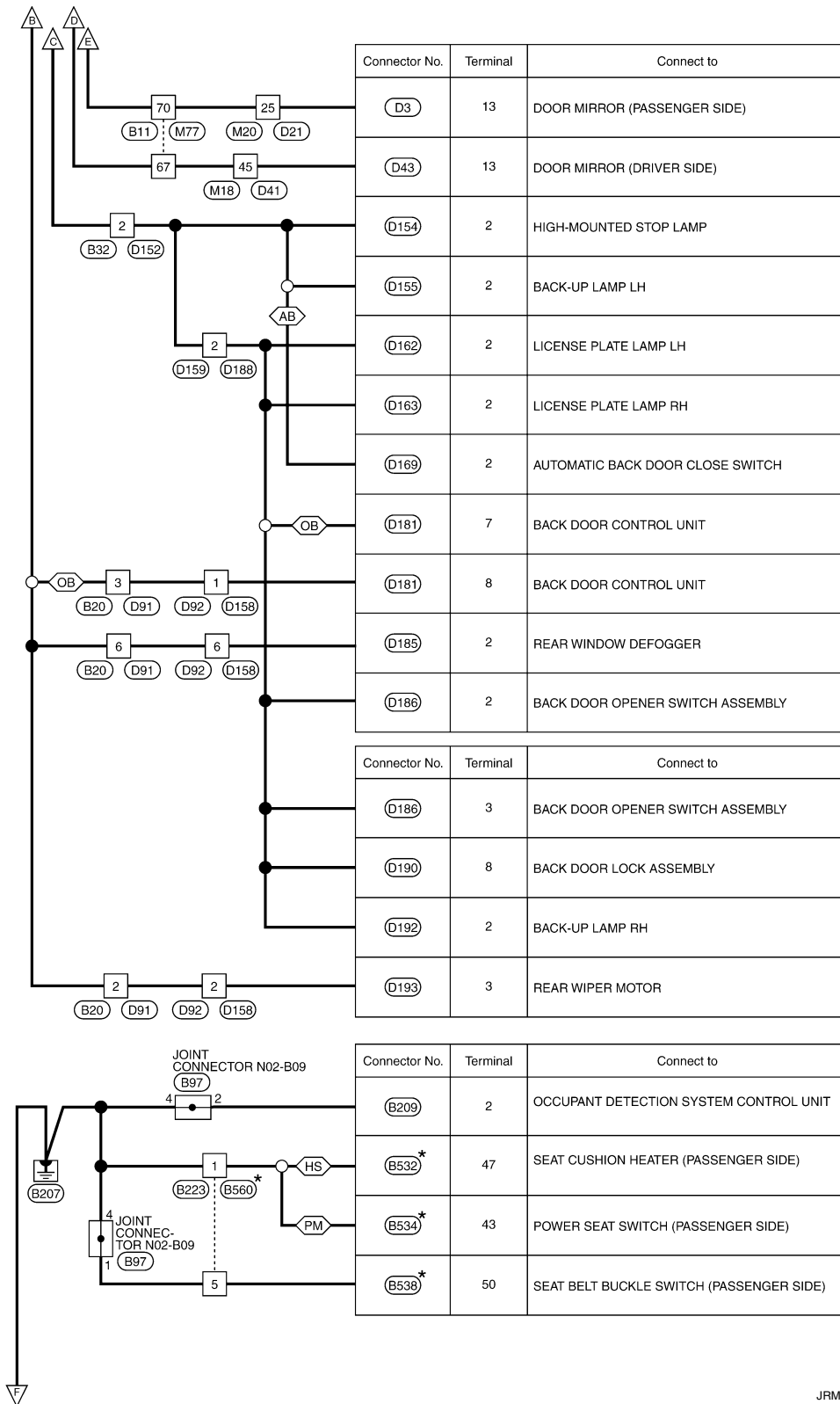
< WIRING DIAGRAM >



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# GROUND DISTRIBUTION

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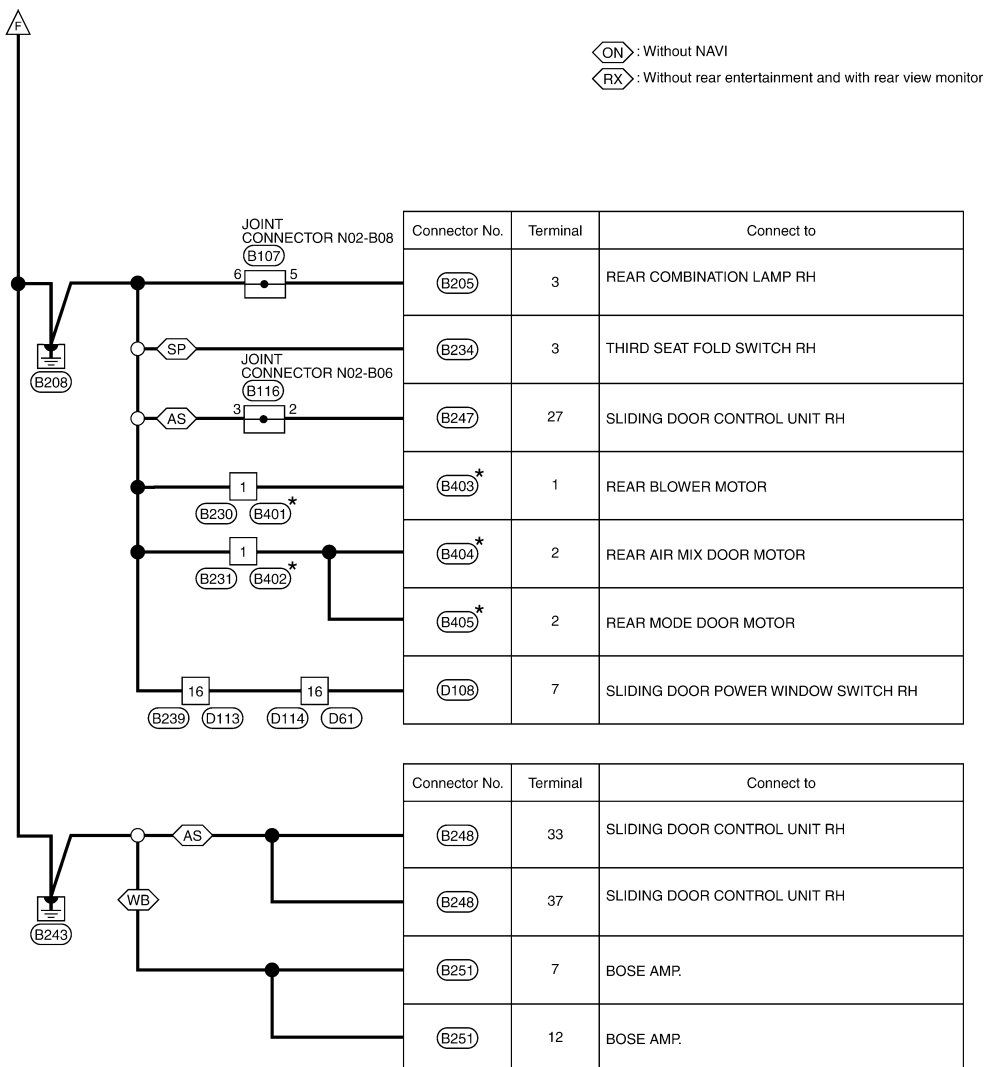


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# GROUND DISTRIBUTION

< WIRING DIAGRAM >



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# FUSE BLOCK - JUNCTION BOX (J/B)

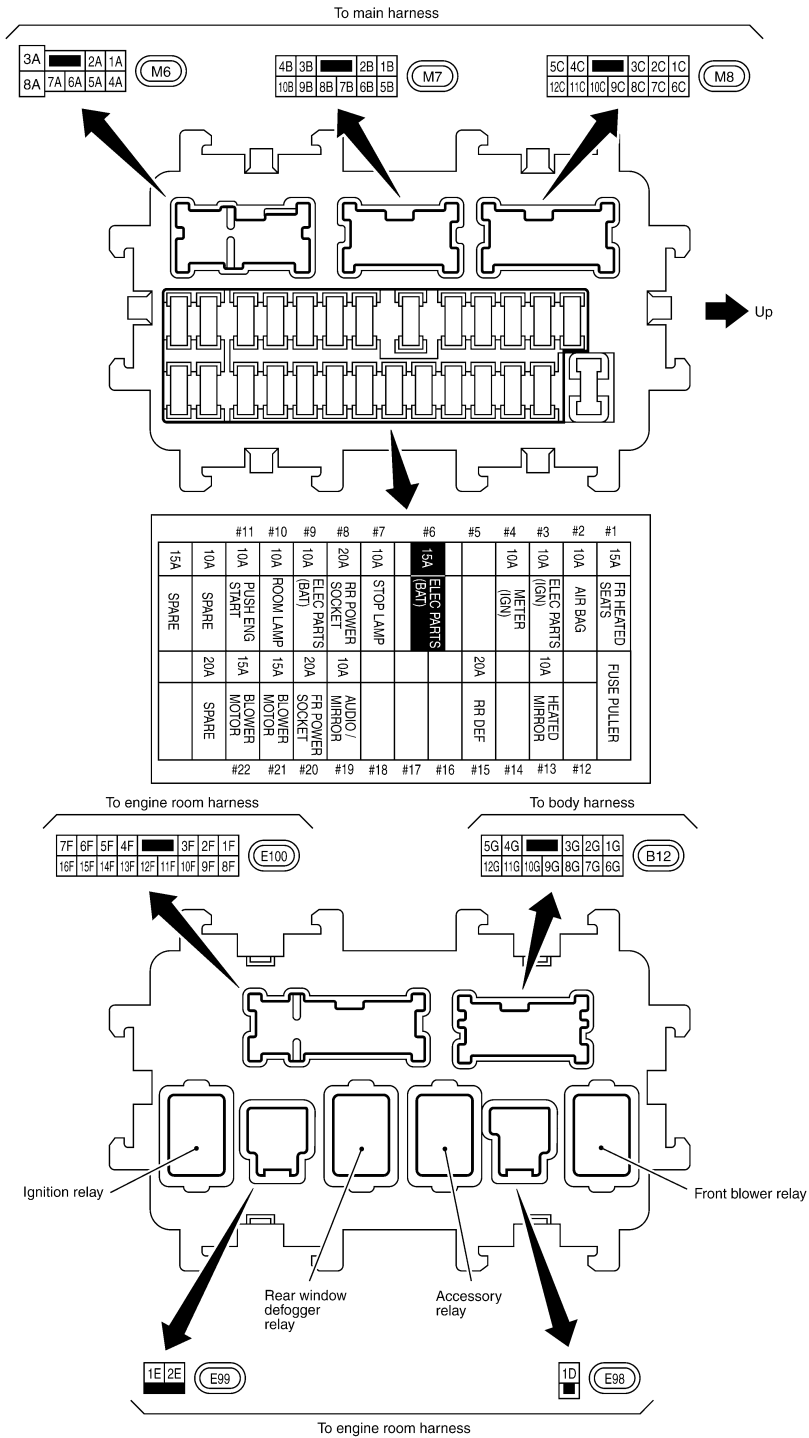
< WIRING DIAGRAM >

## FUSE BLOCK - JUNCTION BOX (J/B)

### Fuse, Connector and Terminal Arrangement

INFOID:000000012405177

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



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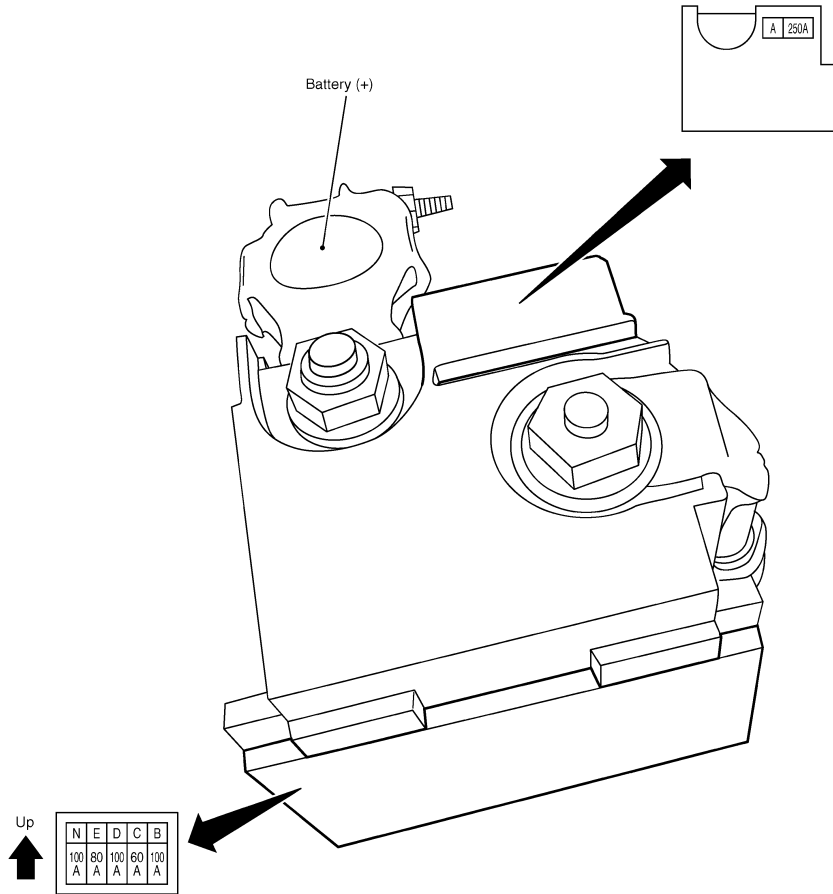
# FUSE, FUSIBLE LINK AND RELAY BOX

< WIRING DIAGRAM >

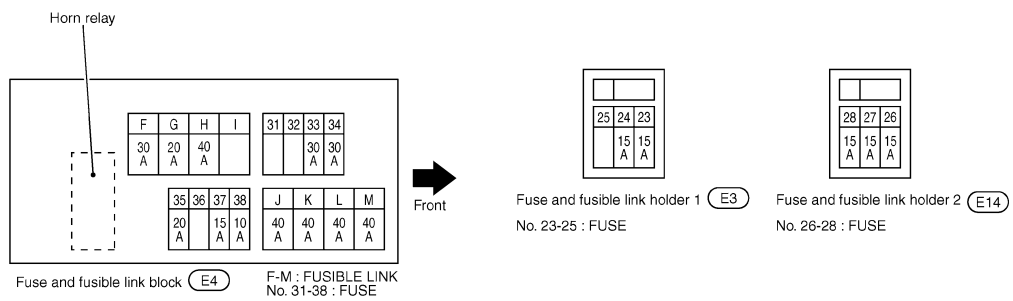
## FUSE, FUSIBLE LINK AND RELAY BOX

### Fuse and Fusible Link Arrangement

INFOID:000000012405178



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



2010/12/13

JCMWA7784GB

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

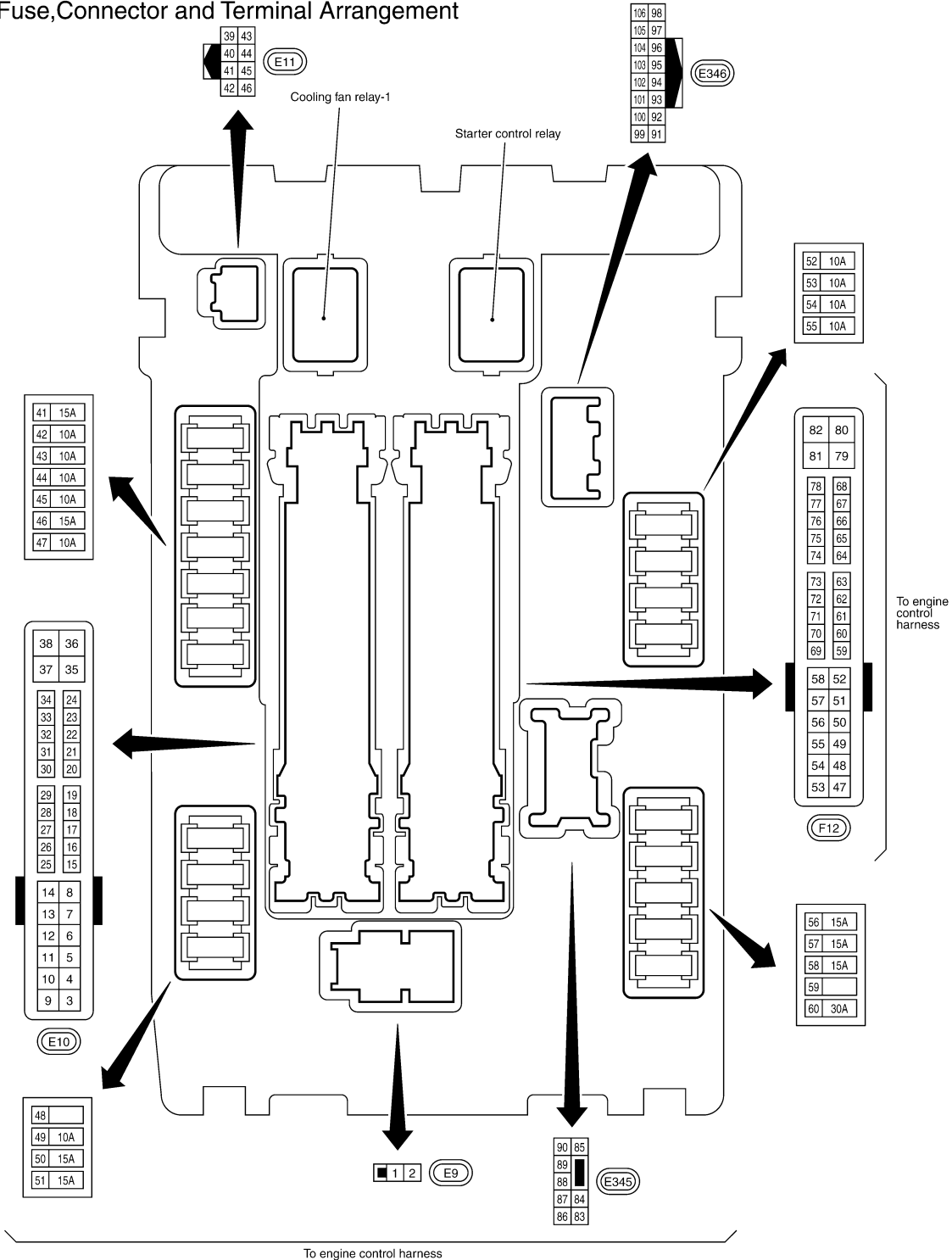
< WIRING DIAGRAM >

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

### Fuse, Connector and Terminal Arrangement

INFOID:000000012405179

#### IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM) Fuse, Connector and Terminal Arrangement



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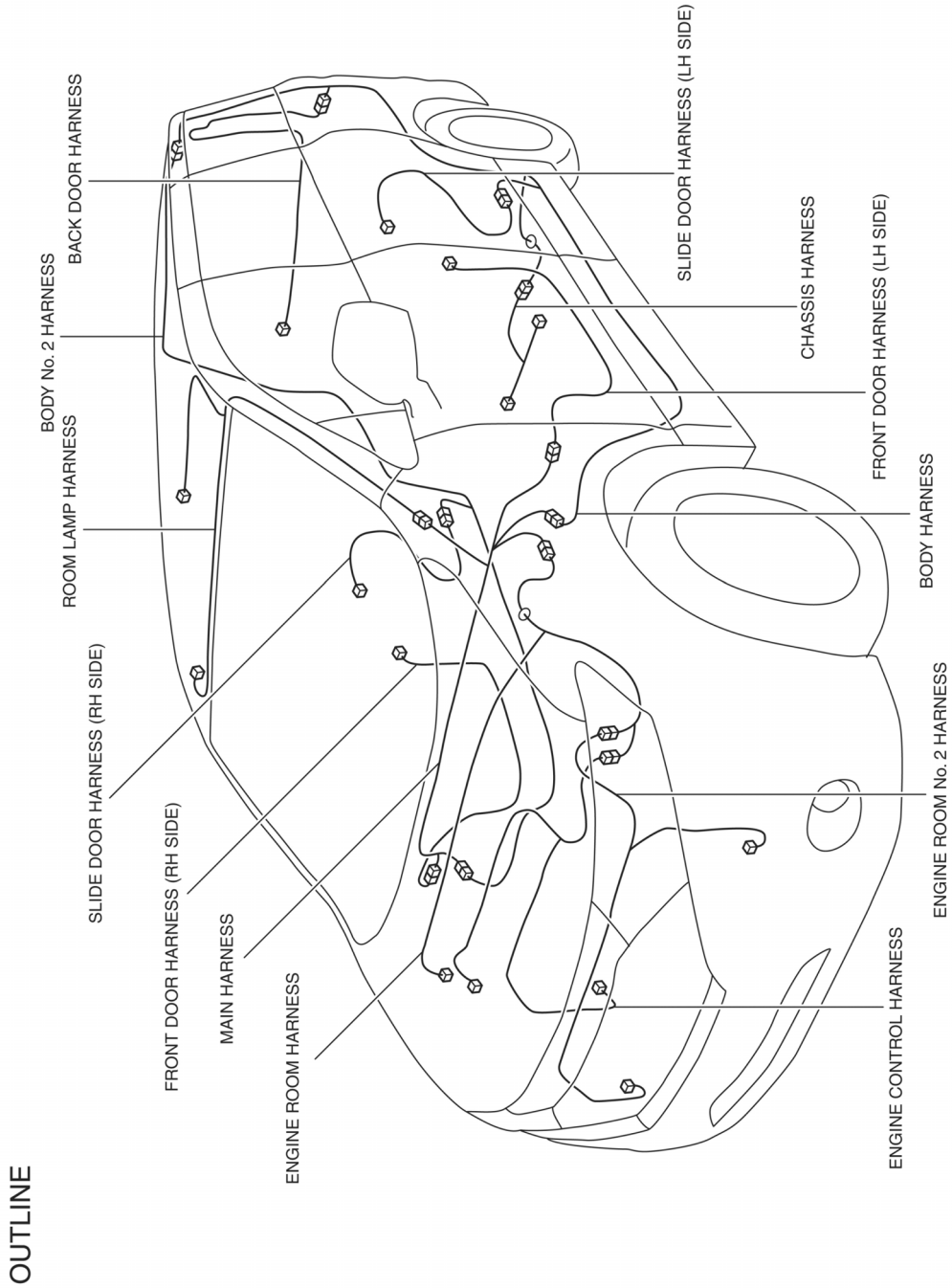
# HARNESS LAYOUT

< WIRING DIAGRAM >

## HARNESS LAYOUT

### Outline

INFOID:000000012405180



OUTLINE

2012/07/19

JRMIC1972GB

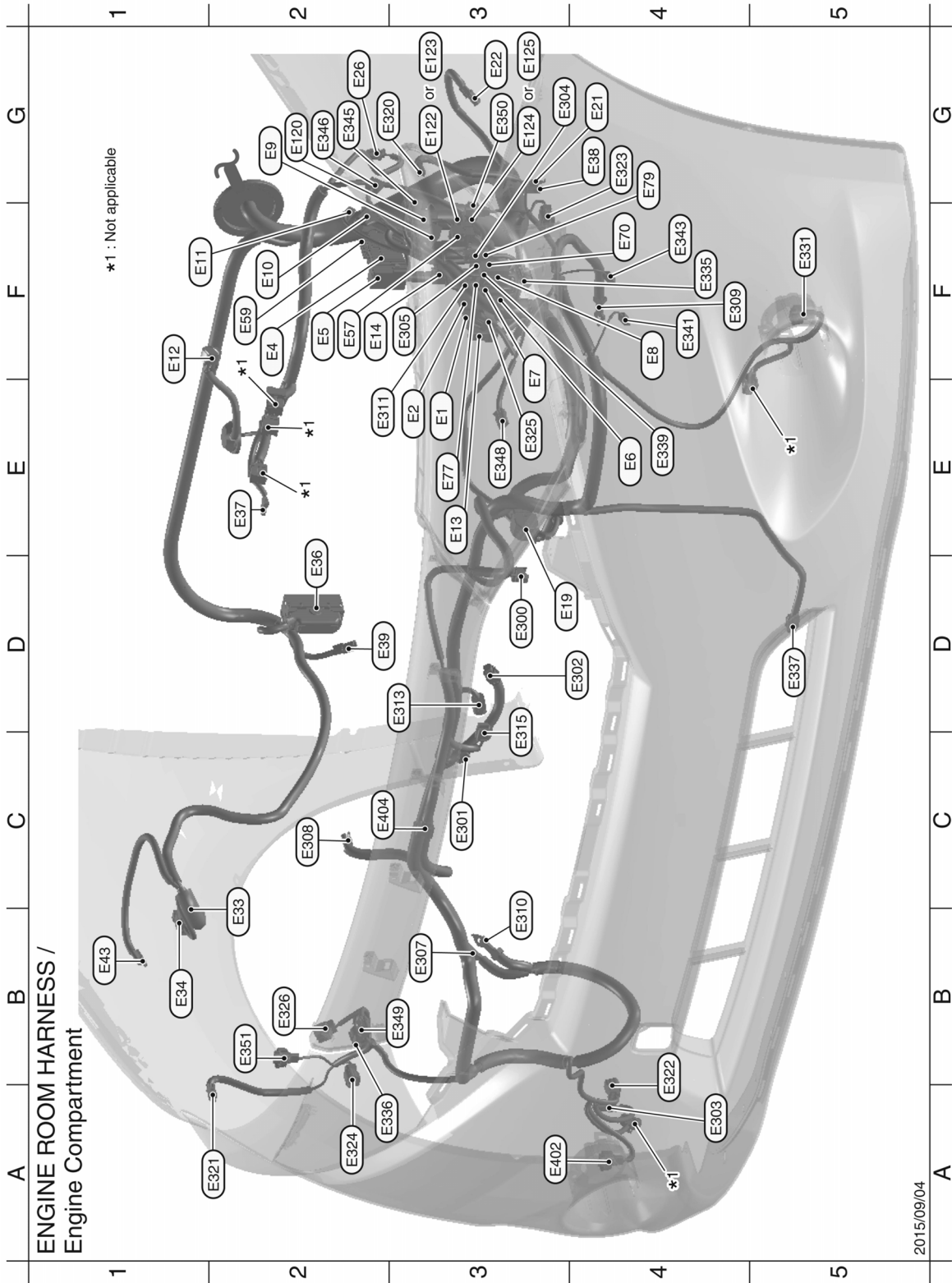
# HARNES LAYOUT

< WIRING DIAGRAM >

## Engine Room Harness

INFOID:000000012405181

### ENGINE COMPARTMENT



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# HARNES 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)

2015/09/04

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# HARNES 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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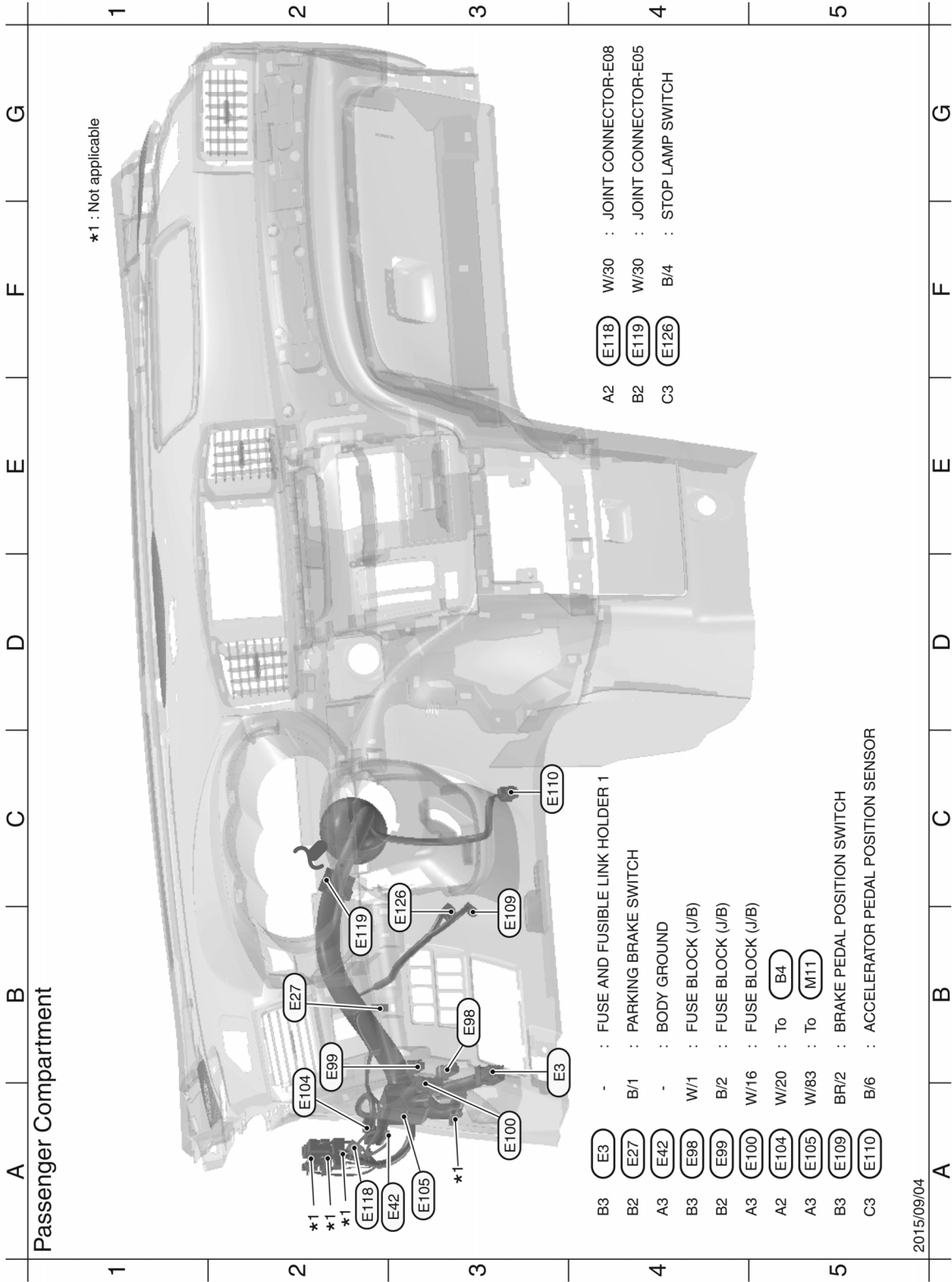
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# HARNES LAYOUT

< WIRING DIAGRAM >

## PASSENGER COMPARTMENT







# HARNES 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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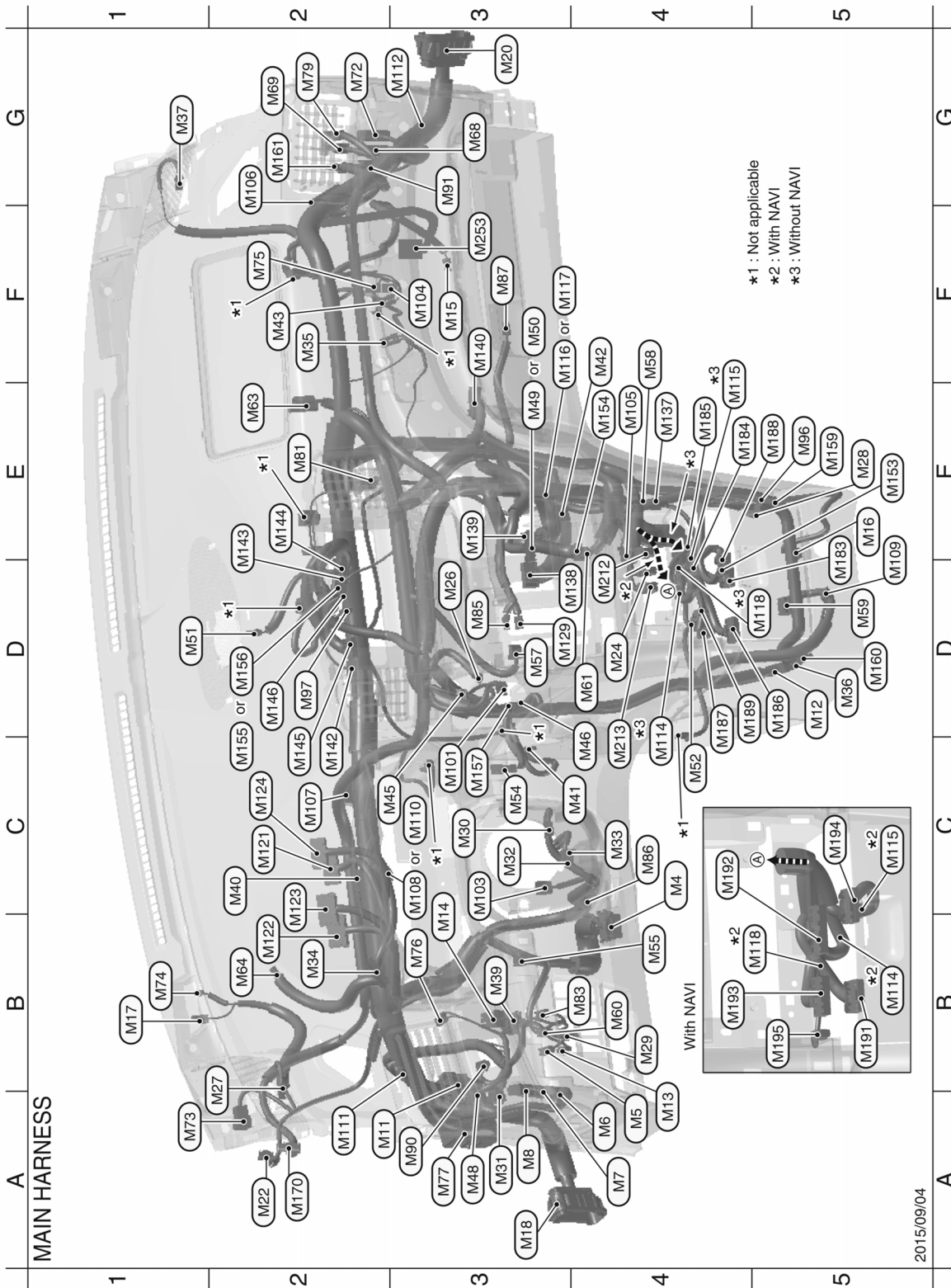
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# HARNES LAYOUT

< WIRING DIAGRAM >

## Main Harness

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# HARNES 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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# HARNES 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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# HARNES 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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# HARNES 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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# HARNES 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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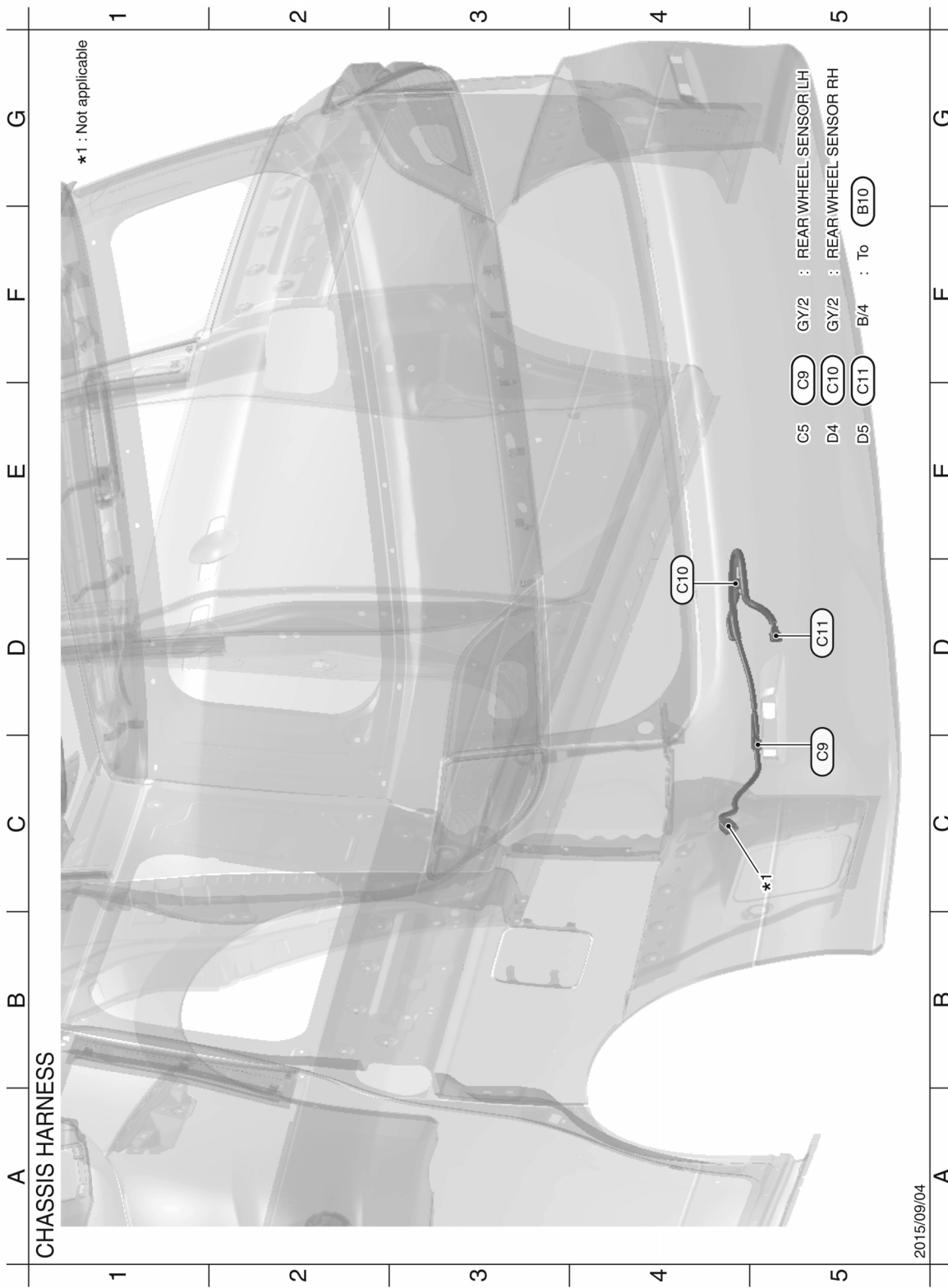
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# HARNES LAYOUT

< WIRING DIAGRAM >

## Chassis Harness

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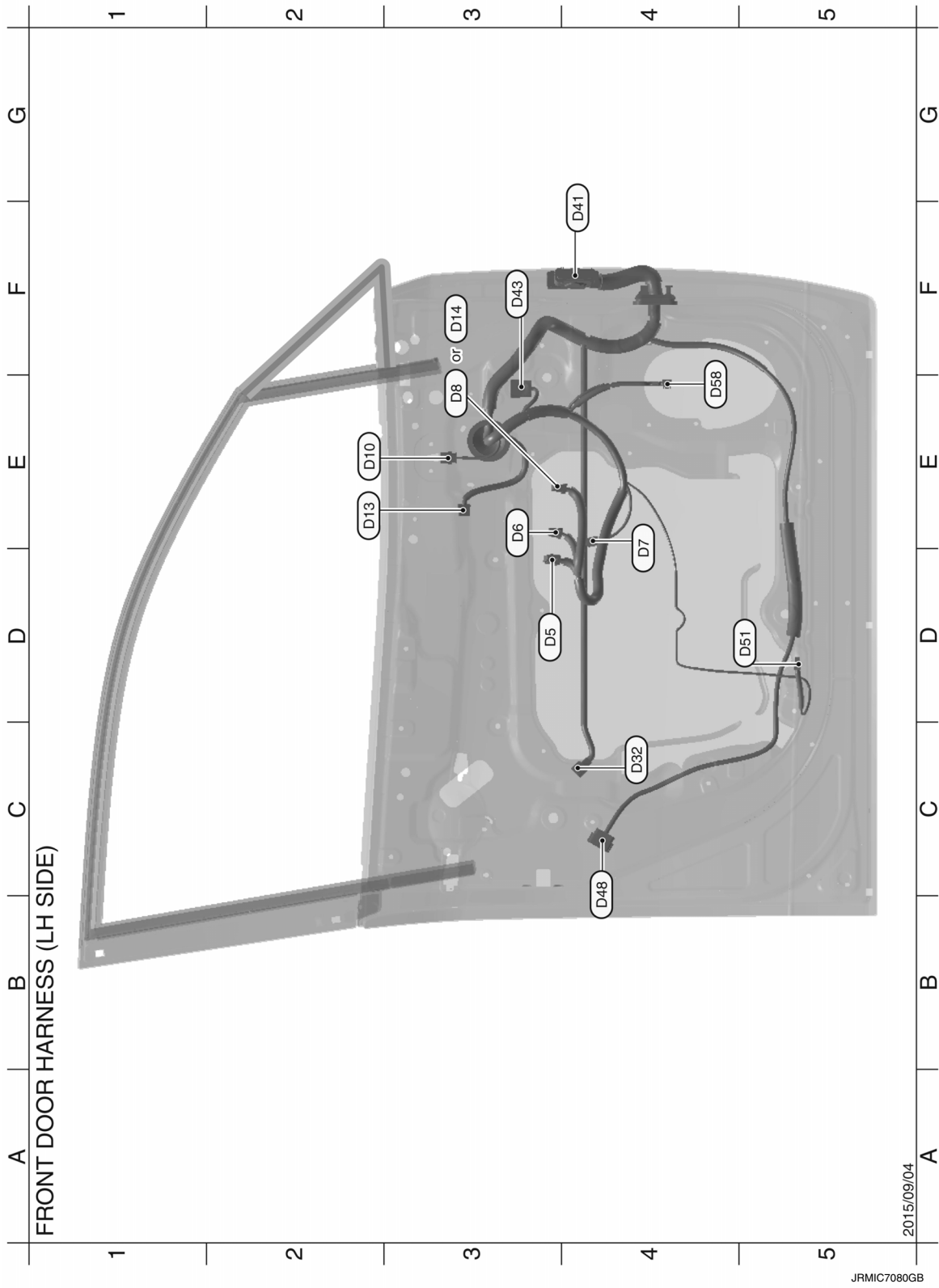
# HARNES LAYOUT

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## Door Harness

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### FRONT DOOR HARNESS (LH SIDE)



# HARNES 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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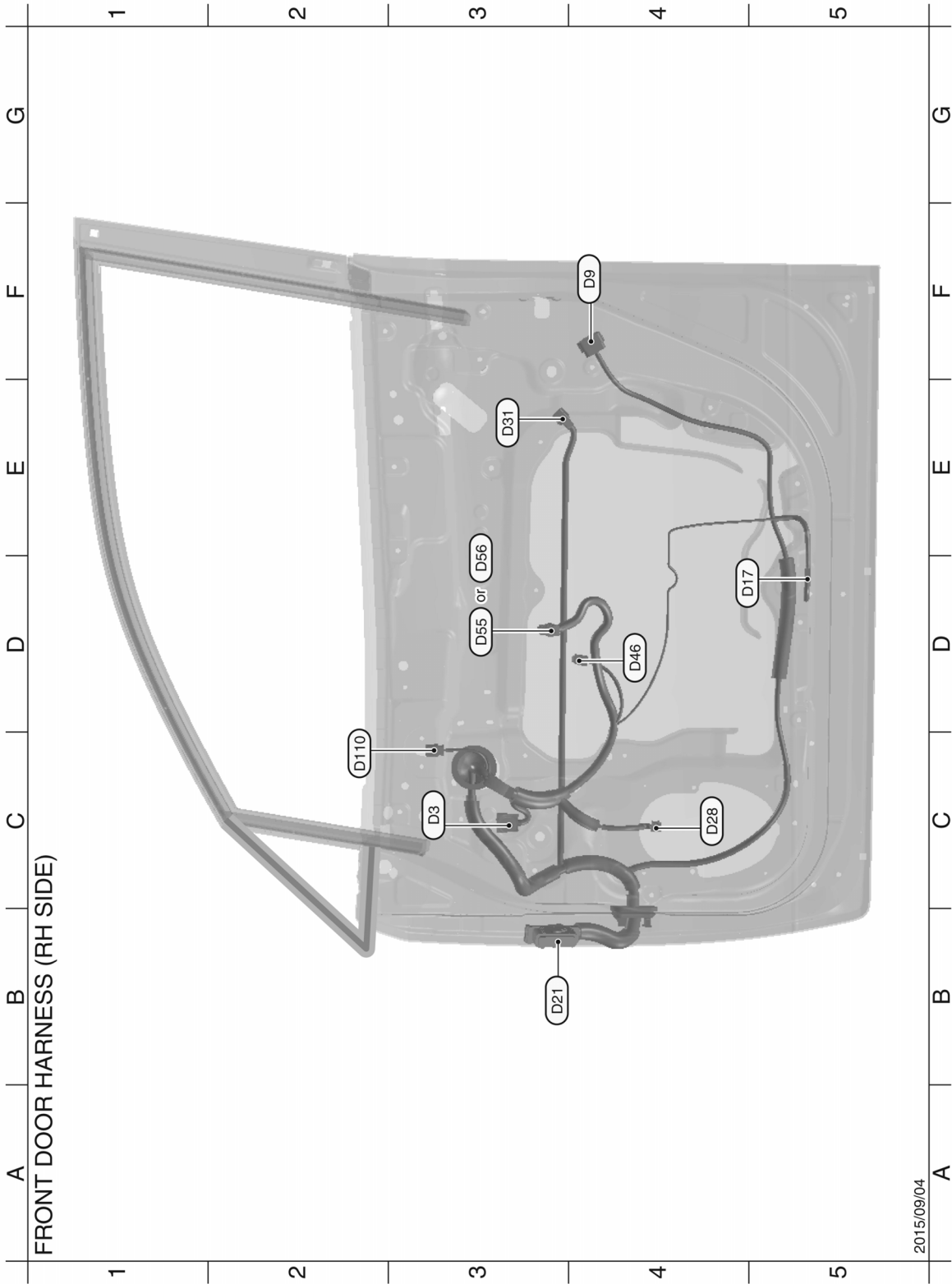
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# HARNES LAYOUT

< WIRING DIAGRAM >

## FRONT DOOR HARNESS (RH SIDE)



2015/09/04

JRMIC7082GB

# HARNES 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)
B8	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

2015/09/04

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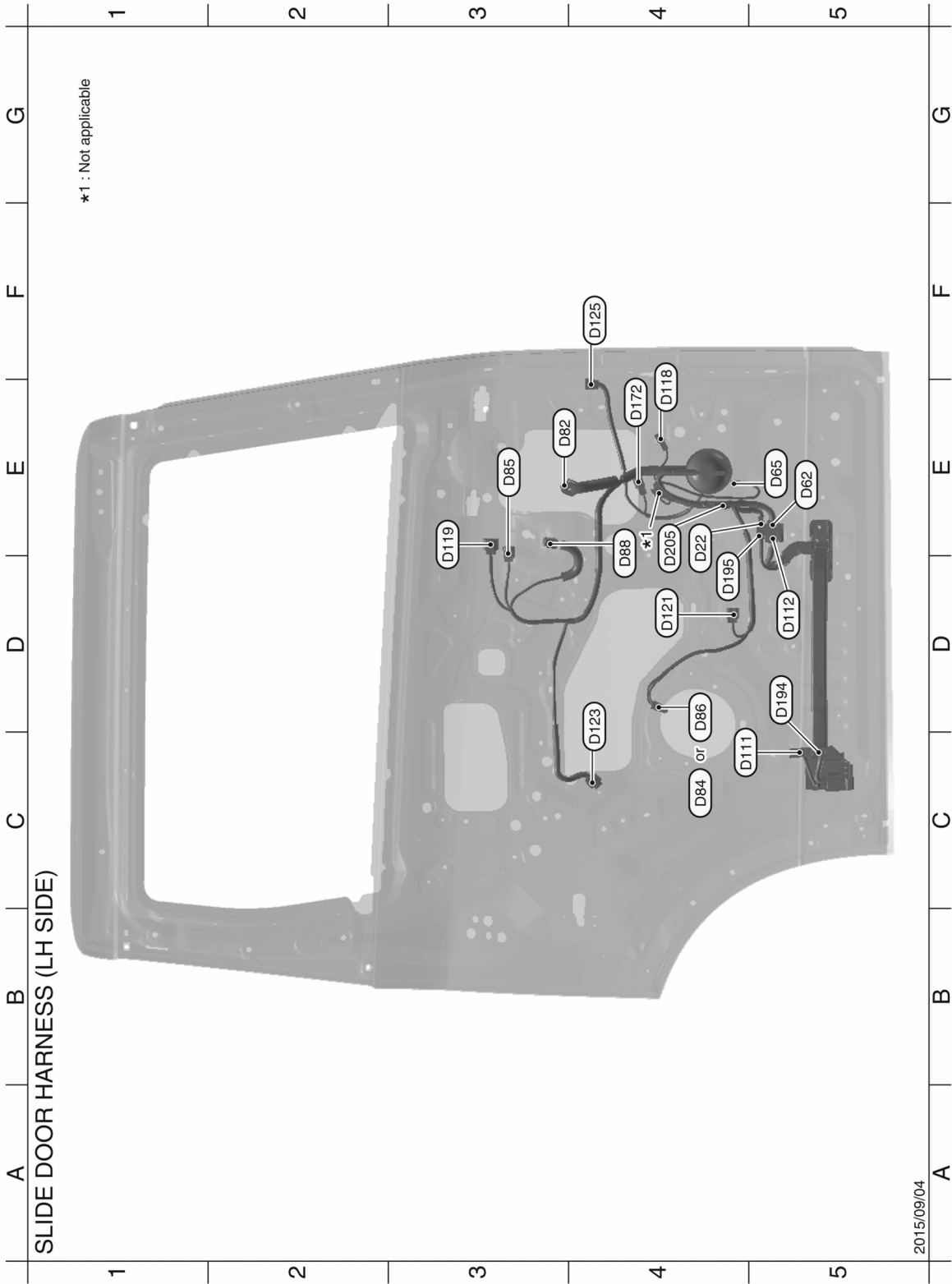
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# HARNES LAYOUT

< WIRING DIAGRAM >

## SLIDE DOOR HARNES (LH SIDE)



JRMIC7084GB



# HARNES 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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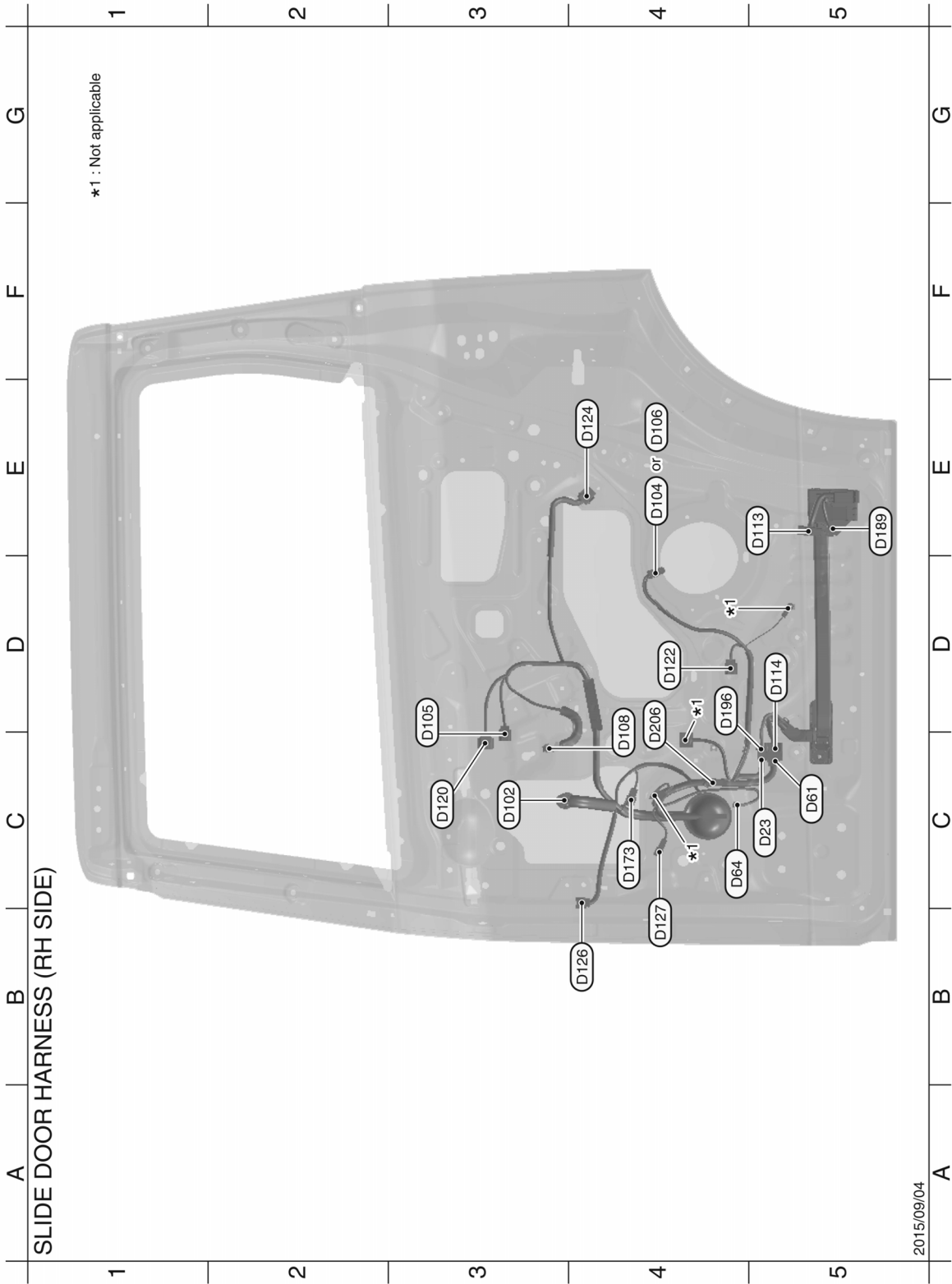
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# HARNES LAYOUT

< WIRING DIAGRAM >

## SLIDE DOOR HARNES (RH SIDE)



# HARNES 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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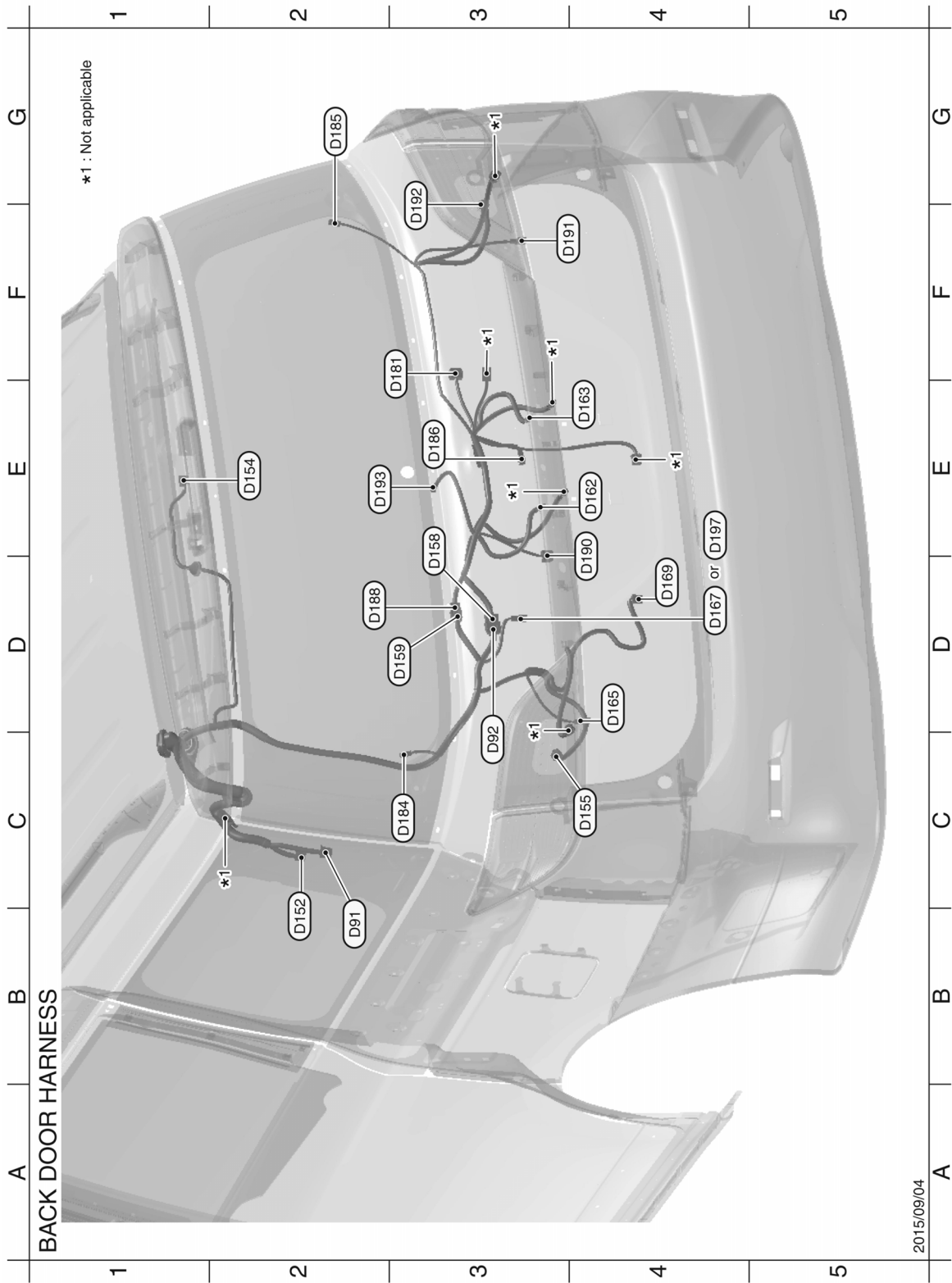
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# HARNES LAYOUT

< WIRING DIAGRAM >

## BACK DOOR HARNES



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# HARNES 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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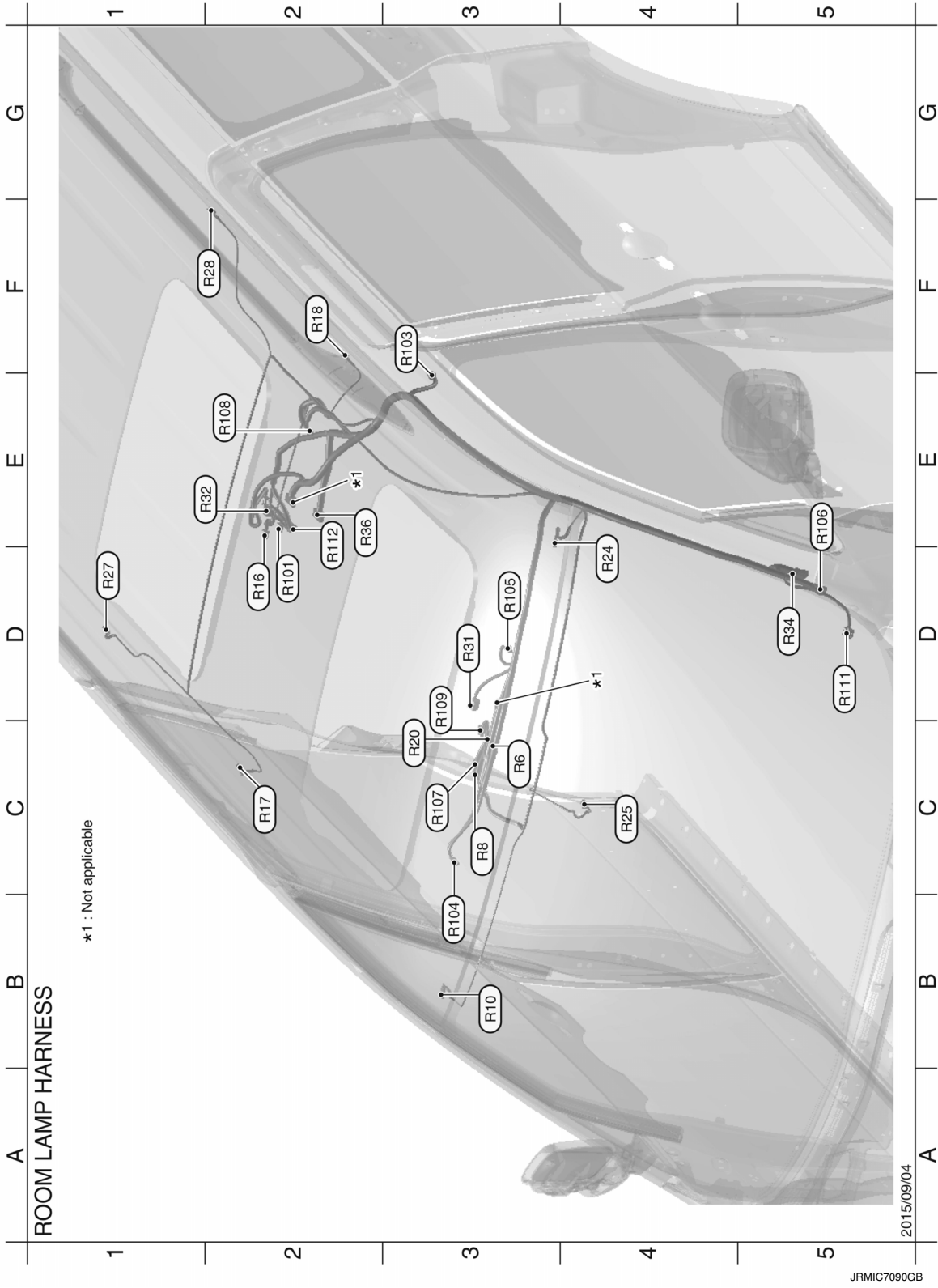
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# HARNES LAYOUT

< WIRING DIAGRAM >

## Room Lamp Harness

INFOID:000000012405187



# HARNES 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)

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# BATTERY INSPECTION

< BASIC INSPECTION >

## BASIC INSPECTION

### BATTERY INSPECTION

#### How to Handle Battery

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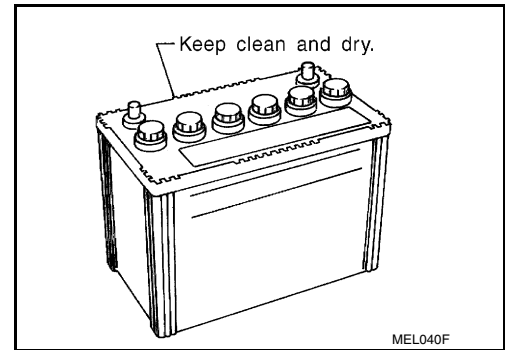
#### CAUTION:

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

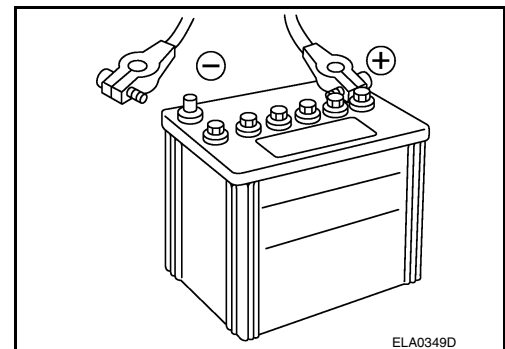
#### METHODS OF PREVENTING OVER-DISCHARGE

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

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



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

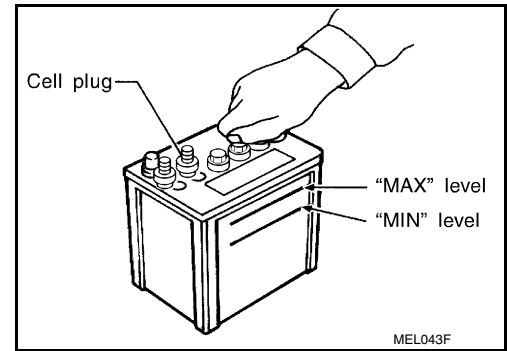
Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.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



# BATTERY INSPECTION

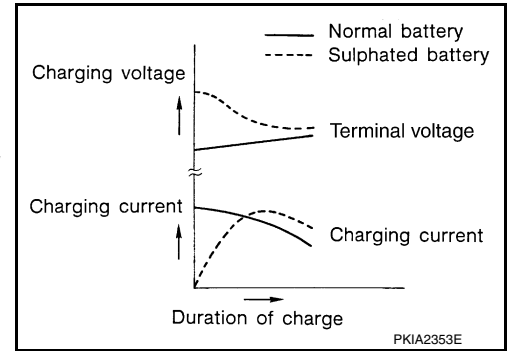
## < BASIC INSPECTION >

- 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.



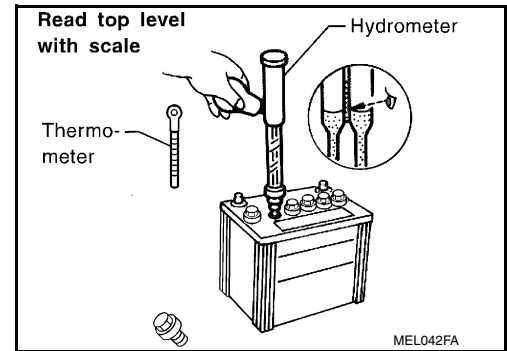
## Specific Gravity Check

### 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

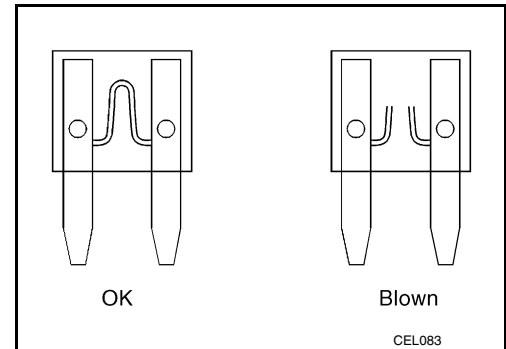
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## FUSE INSPECTION

### How To Check

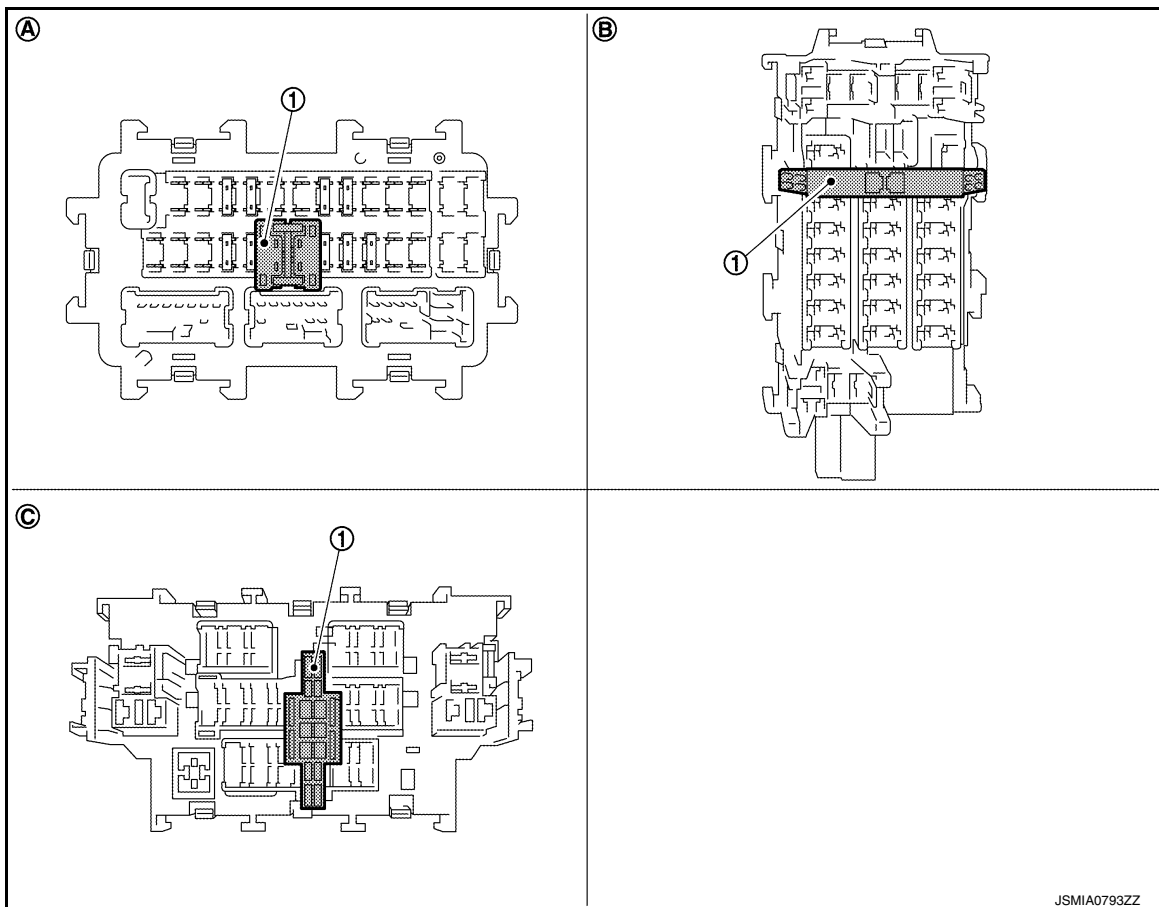
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- If fuse is blown, be sure to eliminate cause of malfunction before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove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



### 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:**

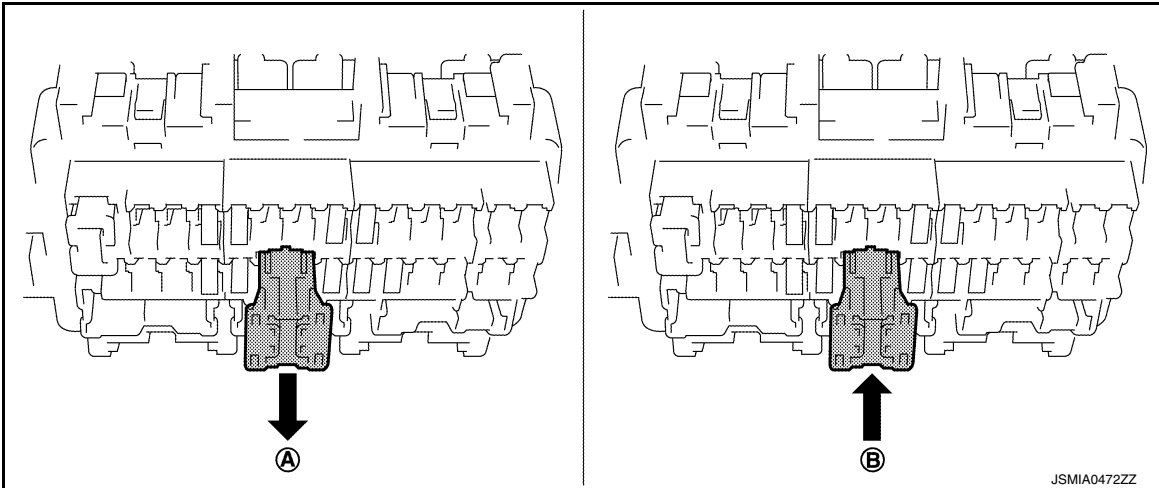
- Turn the ignition switch OFF when operating the extended storage fuse switch.
- Under normal conditions, keep the extended storage fuse switch in ON state. Never operate the extended storage fuse switch except when necessary.

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# FUSE INSPECTION

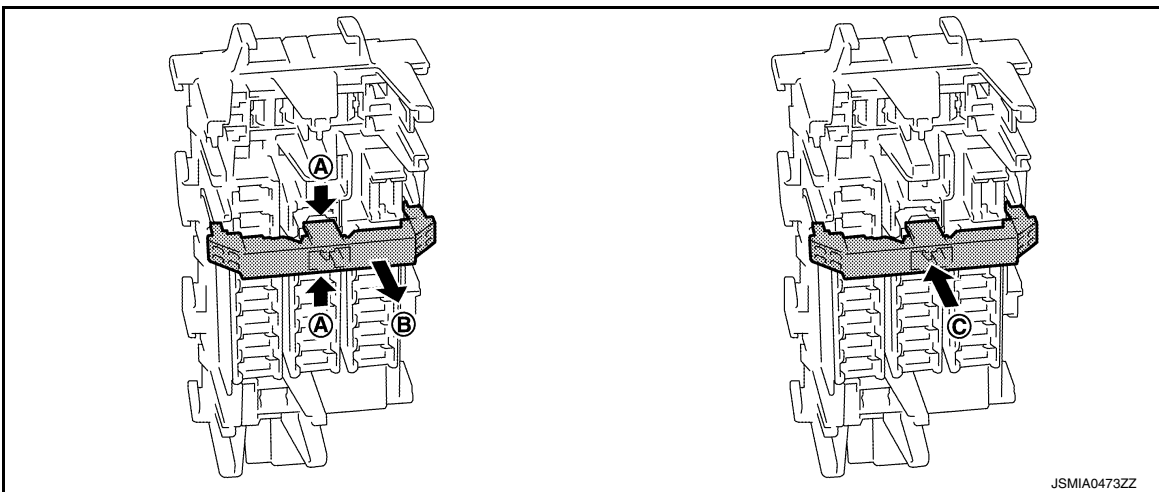
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### • Type A



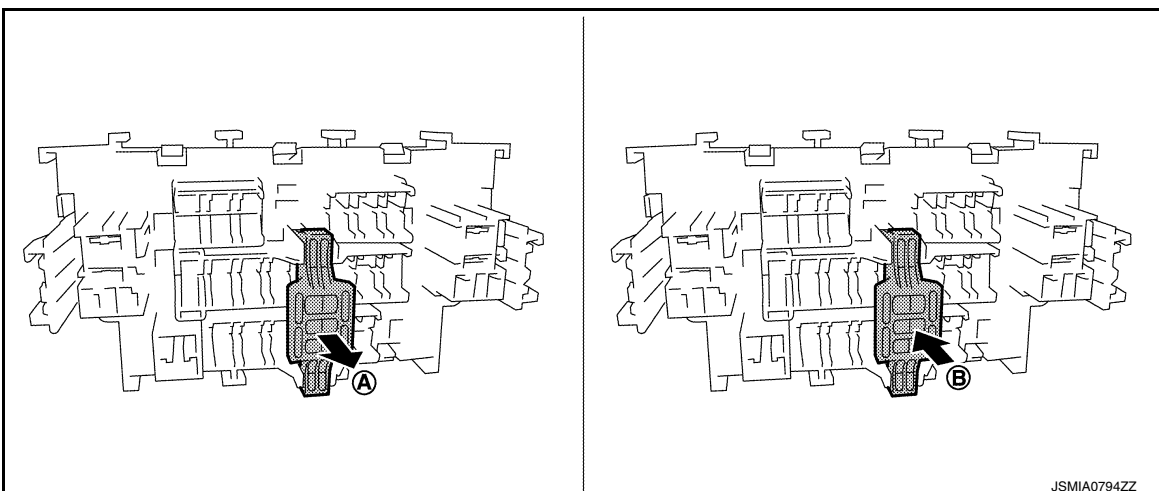
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

### • 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.

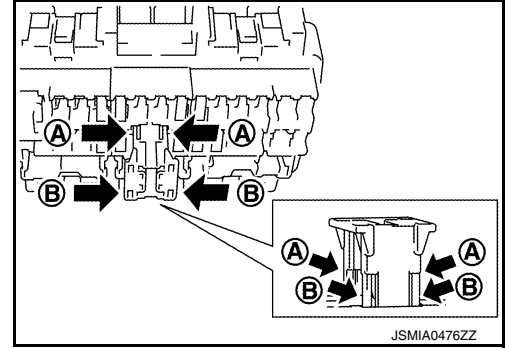
## How To Remove Extended Storage Fuse Switch

### 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.

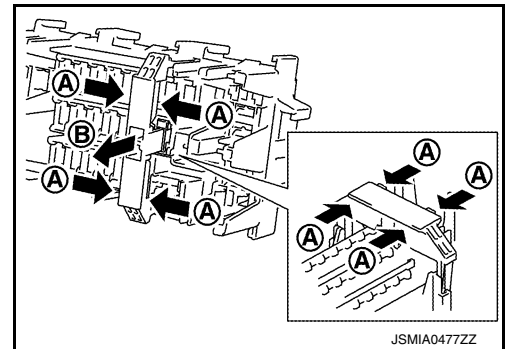


### NOTE:

- 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.

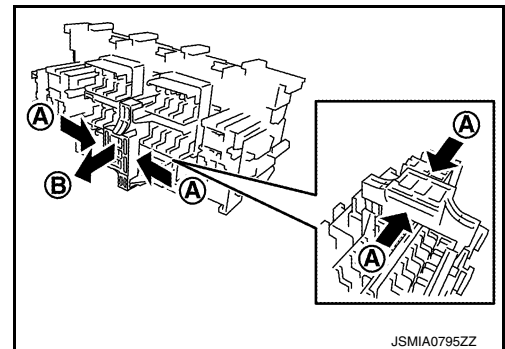


### NOTE:

- 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.

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## FUSE INSPECTION

### < BASIC INSPECTION >

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

# FUSIBLE LINK INSPECTION

< BASIC INSPECTION >

## FUSIBLE LINK INSPECTION

### How To Check

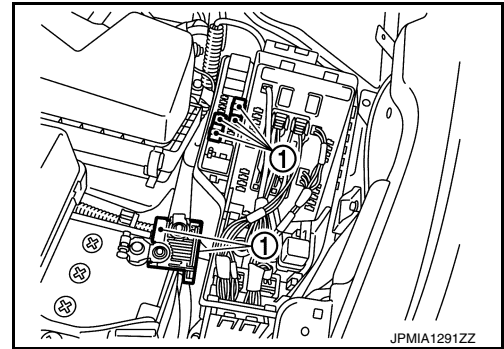
INFOID:000000012405191

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.



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# BATTERY

< REMOVAL AND INSTALLATION >


## REMOVAL AND INSTALLATION

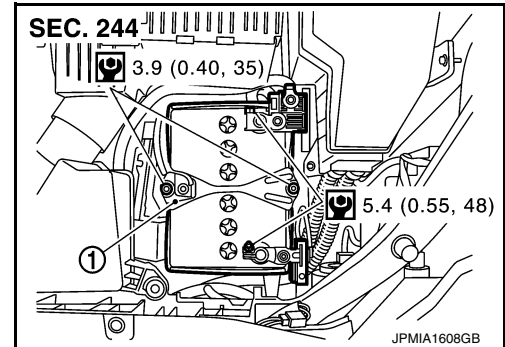
### BATTERY

#### 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"](#).




# BATTERY TERMINAL WITH FUSIBLE LINK

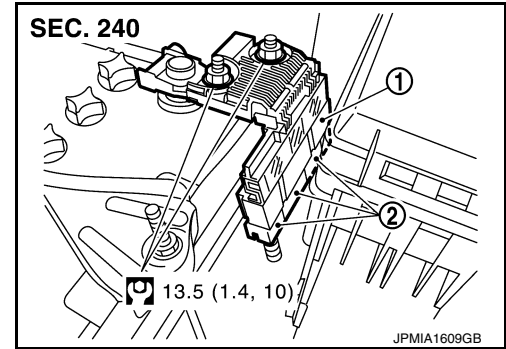
< REMOVAL AND INSTALLATION >

## BATTERY TERMINAL WITH FUSIBLE LINK

### Exploded View

INFOID:000000012405194

- 1 : Battery terminal with fusible link
- 2 : Harness connector
-  : N·m (kg-m, ft-lb)



### Removal and Installation

INFOID:000000012405195

#### 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.**

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

PG


# BATTERY CURRENT SENSOR

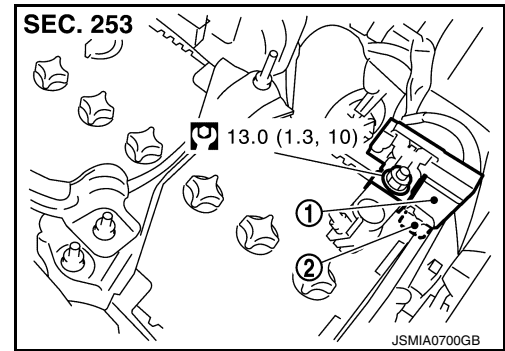
< REMOVAL AND INSTALLATION >

## BATTERY CURRENT SENSOR

### Exploded View

INFOID:000000012405196

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



### Removal and Installation

INFOID:000000012405197

#### 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

A

B

C

D

E

F

G

H

I

J

K

L

PG

N

O

P