

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

CONTENTS

PRECAUTION	3	Wiring Diagram - BATTERY POWER SUPPLY	F
PRECAUTIONS	3	FUSE No. 53 -	26
High Voltage Precautions	3	Wiring Diagram - ACCESSORY POWER SUPPLY -	28
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	4	Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -	29
Precautions Concerning On-board Servicing of Hybrid Systems	5	Wiring Diagram - IGNITION POWER SUPPLY -	30
PREPARATION	6	Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 1 -	34
PREPARATION	6	Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -	35
Special Service Tools	6	Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -	37
SYSTEM DESCRIPTION	7	Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 43 -	38
COMPONENT PARTS	7	Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -	39
Circuit Breaker	7	Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 46 -	40
12V Battery	7	OPTION HARNESS	41
Harness Connector	7	Wiring Diagram	41
Standardized Relay	11	FUSE BLOCK - JUNCTION BOX (J/B)	42
WIRING DIAGRAM	14	Fuse, Connector and Terminal Arrangement	42
POWER SUPPLY ROUTING CIRCUIT	14	FUSE, FUSIBLE LINK AND RELAY BOX	43
Wiring Diagram - BATTERY POWER SUPPLY -	14	Fuse and Fusible Link Arrangement	43
Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. L -	19	IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)	44
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -	20	Fuse, Connector and Terminal Arrangement	44
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 -	21	PCB HARNESS	45
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 -	22	Connector and Terminal Arrangement	45
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -	23	HARNESS LAYOUT	46
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -	24	How To Read Harness Layout	46
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 51 -	25	Engine Room Harness	47
		Engine Control Harness	49
		Main Harness	51
		Body Harness	52

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

Chassis Harness	54	FUSE INSPECTION	137
Door Harness	55	How To Check	137
Room Lamp Harness	59	FUSIBLE LINK INSPECTION	140
Tail Harness	60	How To Check	140
CONNECTOR INFORMATION	61	REMOVAL AND INSTALLATION	141
How to Read Connector Type	61	12V BATTERY	141
B Body Harness	62	Exploded View	141
C Chassis Harness	83	Removal and Installation	141
D Door Harness	85	BATTERY TERMINAL WITH FUSIBLE LINK..	142
E Engine Room Harness	92	Exploded View	142
F Engine Control Harness	101	Removal and Installation	142
M Main Harness	107	SERVICE DATA AND SPECIFICATIONS	
R Room Lamp Harness	131	(SDS)	143
T Tail Harness	134	SERVICE DATA AND SPECIFICATIONS	
BASIC INSPECTION	135	(SDS)	143
12V BATTERY INSPECTION	135	12V Battery	143
How to Handle 12V Battery	135		
Work Flow	135		

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

High Voltage Precautions

INFOID:000000008144822

WARNING:

- Because hybrid vehicles and electric vehicles contain a high voltage battery, there is the risk of electric shock, electric leakage, or similar accidents if the high voltage component and vehicle are handled incorrectly. Be sure to follow the correct work procedures when performing inspection and maintenance.
- Be sure to remove the service plug in order to shut off the high voltage circuits before performing inspection or maintenance of high voltage system harnesses and parts.
- To prevent the removed service plug from being connected by mistake during the procedure, always carry it in your pocket or put it in the tool box.
- Be sure to wear insulating protective equipment consisting of glove, shoes, face shield, and glasses before beginning work on the high voltage system.
- Clearly identify the persons responsible for high voltage work and ensure that other persons do not touch the vehicle. When not working, cover high voltage parts with an insulating cover sheet or similar item to prevent other persons from contacting them.

CAUTION:

There is the possibility of a malfunction occurring if the vehicle is changed to READY status while the service plug is removed. Therefore do not change the vehicle to READY status unless instructed to do so in the Service Manual.

HIGH VOLTAGE HARNESS AND EQUIPMENT IDENTIFICATION

The colors of the high voltage harnesses and connectors are all orange. Orange "High Voltage" labels are applied to the Li-ion battery and other high voltage devices. Do not carelessly touch these harnesses and parts.

HANDLING OF HIGH VOLTAGE HARNESS AND TERMINALS

Immediately insulate disconnected high voltage connectors and terminals with insulating tape.

REGULATIONS ON WORKERS WITH MEDICAL ELECTRONICS

WARNING:

The vehicle contains parts that contain powerful magnets. If a person who is wearing a heart pacemaker or other medical device is close to these parts, the medical device may be affected by the magnets. Such persons must not perform work on the vehicle.

PROHIBITED ITEMS TO CARRY DURING THE WORK

Because this vehicle uses components that contain high voltage and powerful magnetism, do not carry any metal products which may cause short circuits, or any magnetic media (cash cards, prepaid cards, etc.) which may be damaged on your person when working.

POSTING A SIGN OF "DANGER! HIGH VOLTAGE AREA. KEEP OUT"

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

PRECAUTIONS

< PRECAUTION >

To call the attention of other workers, indicate "High voltage work in progress. Do not touch!" on vehicles where work is being performed on the high voltage systems.

Person in charge: _____
DO NOT TOUCH! REPAIR IN PROGRESS. HIGH VOLTAGE DANGER:
DANGER: HIGH VOLTAGE REPAIR IN PROGRESS. DO NOT TOUCH! Person in charge: _____
Copy this page and put it after folding on the roof of the vehicle in service.

JSAIA1600GB

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

INFOID:000000008144823

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

PRECAUTIONS

< PRECAUTION >

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 12V battery, and wait at least 3 minutes before performing any service.

Precautions Concerning On-board Servicing of Hybrid Systems

INFOID:000000008144824

CAUTION:

Be sure to turn the ignition switch OFF before performing inspection and servicing inside the engine compartment or underneath the vehicle. If the ignition switch is ON (vehicle READY state), even if the engine is stopped, the conditions of the vehicle may cause the engine to start automatically.

If it is necessary to continually operate the engine during inspection or servicing, use the designated inspection mode. [HBC-89. "Description"](#).

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

PG

PREPARATION

< PREPARATION >

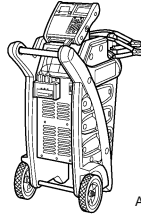
PREPARATION

PREPARATION

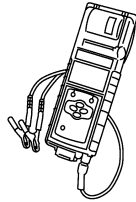
Special Service Tools

INFOID:000000008144825

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



AWI1A1239ZZ



JSMIA0806ZZ

COMPONENT PARTS

< SYSTEM DESCRIPTION >

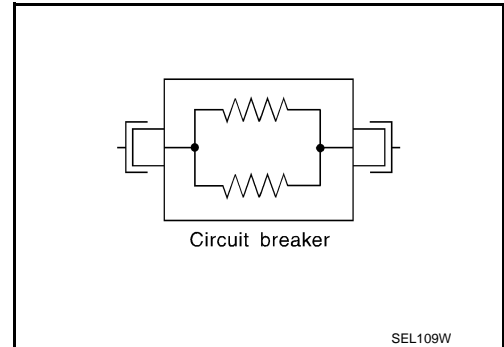
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:000000008144826

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.



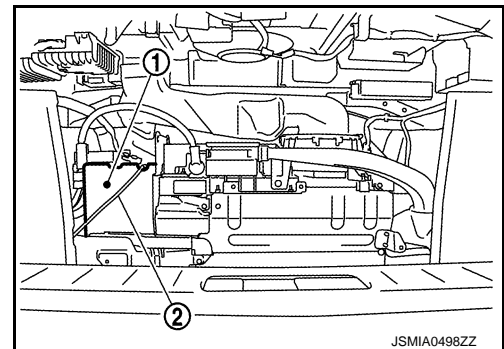
12V Battery

INFOID:000000008144827

- The 12V battery (1) is mounted in the trunk room.
- Vent tube (2) is installed to the 12V battery to protect the trunk room from being filled with combustible gas when overcharge occurs.
(Combustible gas is not emitted during normal charge.)

CAUTION:

For gas leakage, remove the 12V battery from the vehicle to charge in a well-ventilated area.



SPECIFICATIONS

Type		80D23L-MF
20 hour rate capacity	[V - Ah]	12 - 72
Cold cranking current (For reference value)	[A]	582

Harness Connector

INFOID:000000008144828

NOTE:

The color of the high voltage harnesses is orange. Do not carelessly touch these harnesses and connector.

HARNESS CONNECTOR (TAB-LOCKING TYPE)

- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the figure below.

CAUTION:

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

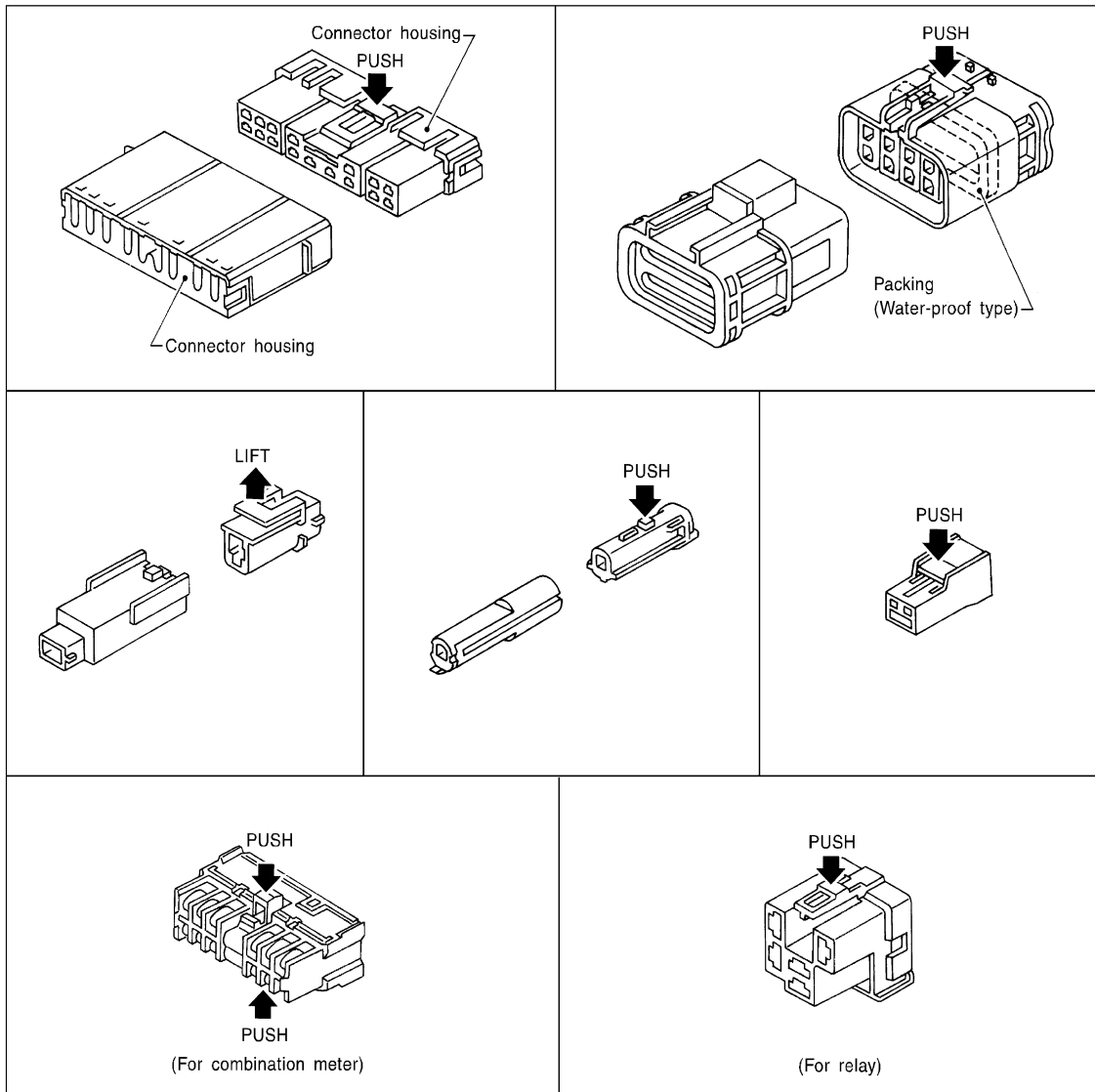
A
B
C
D
E
F
G
H
I
J
K
L
N
O
P

PG

COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



SEL769DA

HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

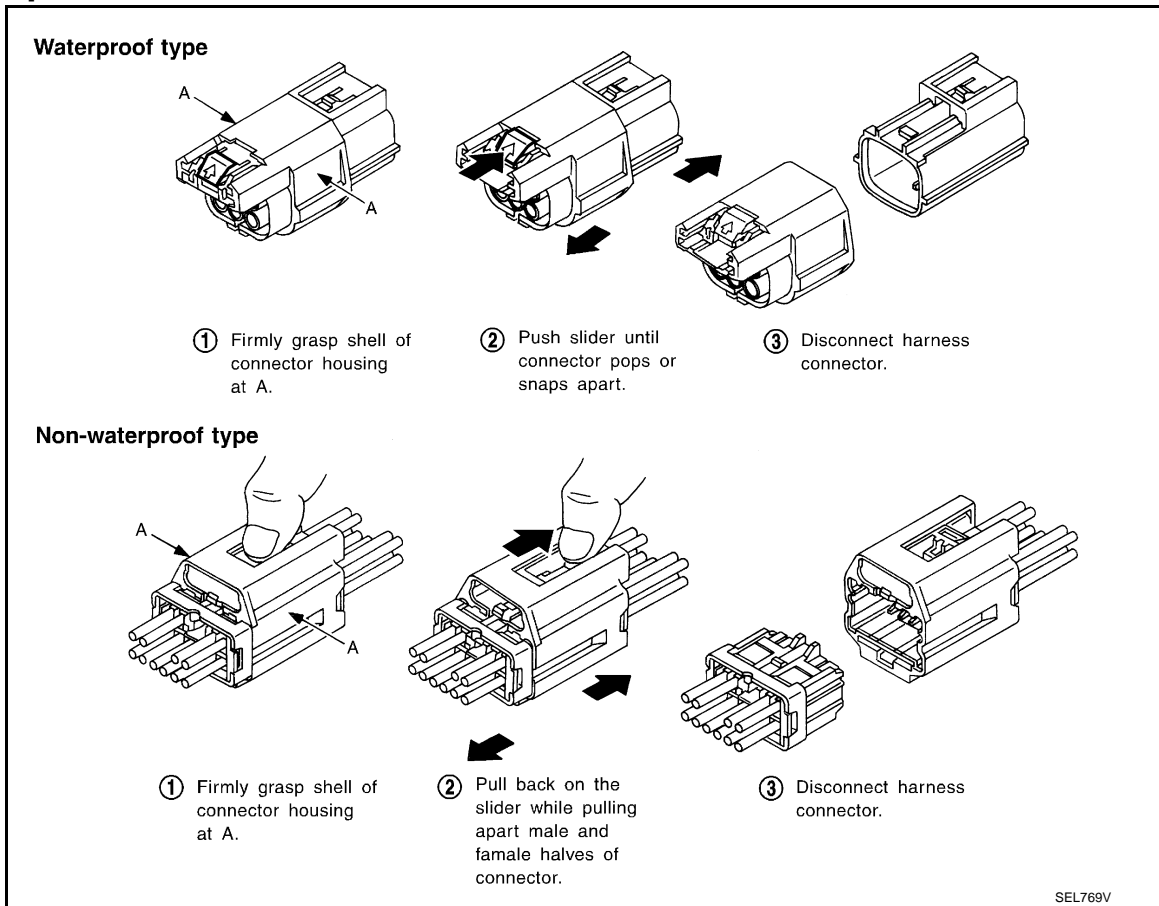
CAUTION:

- **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.**

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:

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

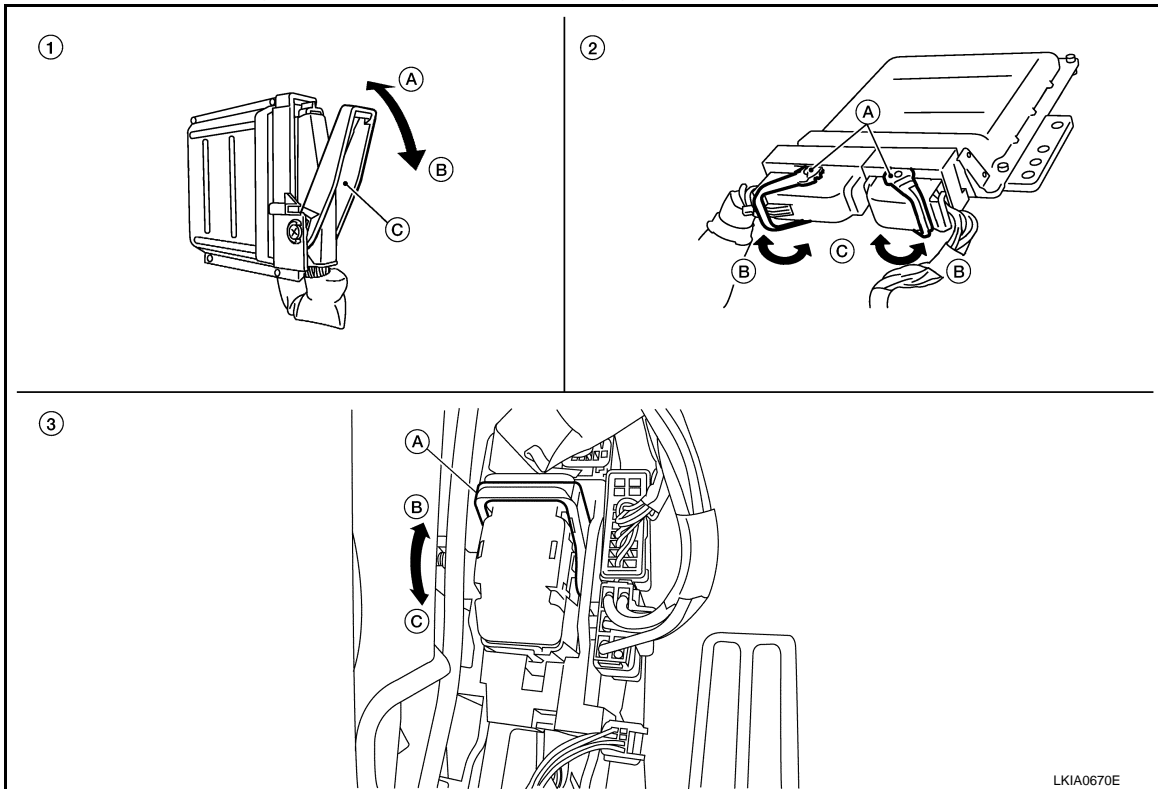
PG

N
O
P

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.



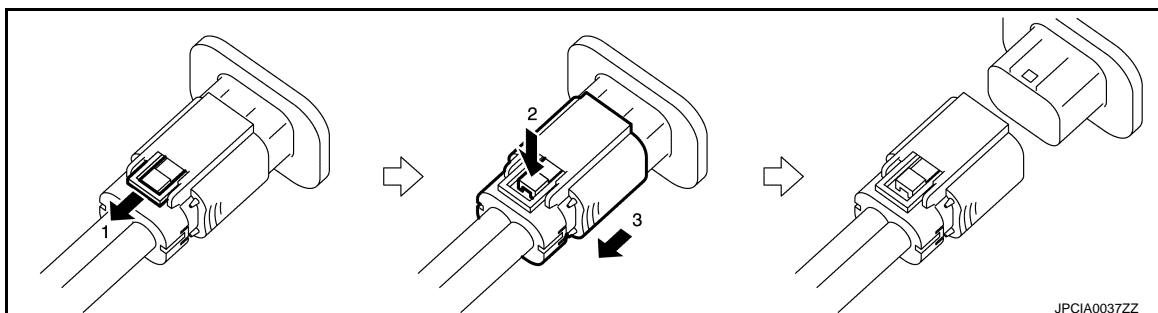
- | | | |
|--|--|---|
| <p>1. Control unit with single lever</p> <p>A. Fasten</p> <p>B. Loosen</p> <p>C. Lever</p> | <p>2. Control unit with dual levers</p> <p>A. Levers</p> <p>B. Fasten</p> <p>C. Loosen</p> | <p>3. SMJ connector</p> <p>A. Lever</p> <p>B. Fasten</p> <p>C. Loosen</p> |
|--|--|---|

HIGH VOLTAGE HARNESS CONNECTOR (2-STEP TYPE, 3-STEP TYPE)

- 2-step type and 3-step type connectors are used for specific high voltage parts.
- For secure connection, check that the slider is pressed all the way when connecting the high voltage connector.

2-Step Type

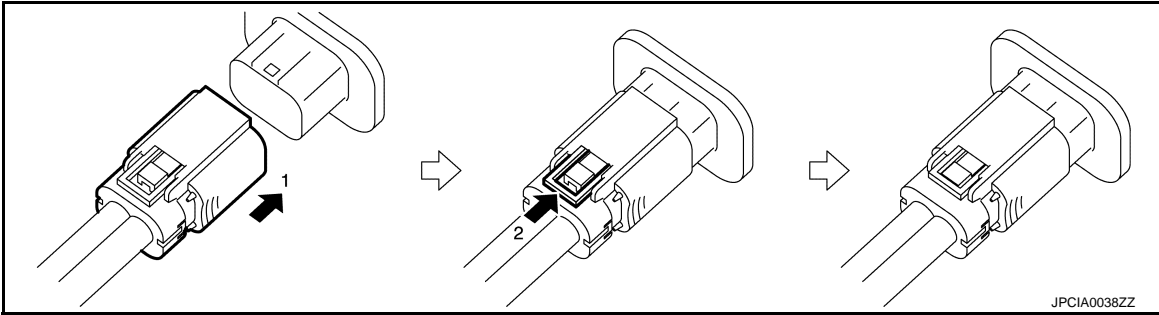
DISCONNECT



COMPONENT PARTS

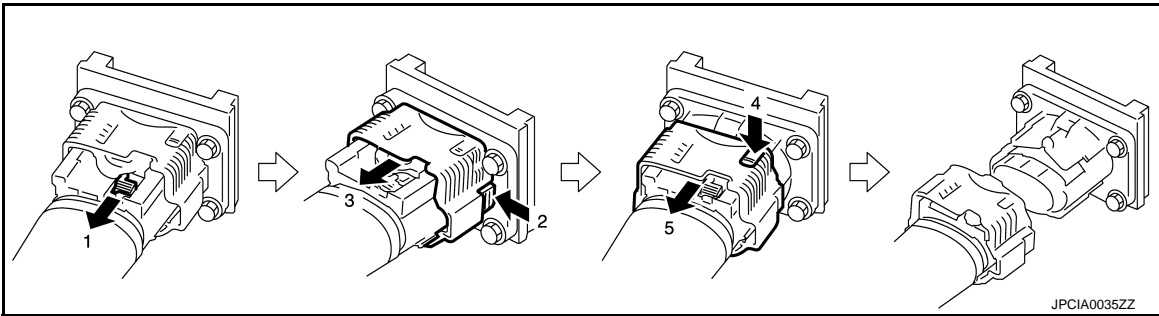
< SYSTEM DESCRIPTION >

CONNECT

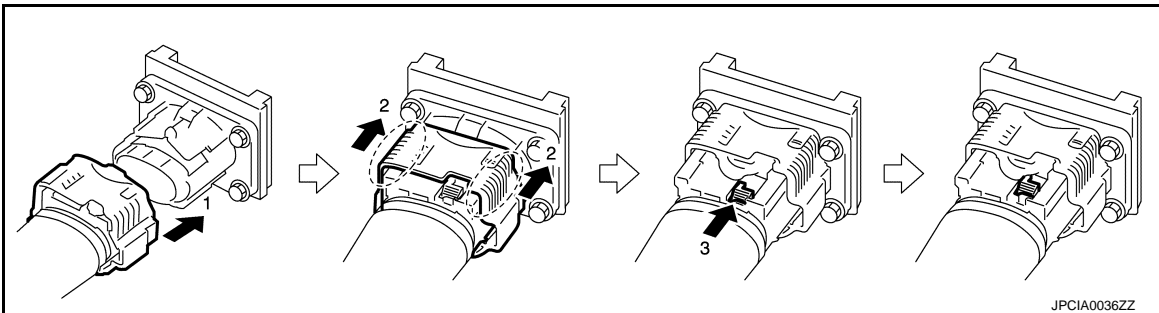


3-Step Type

DISCONNECT



CONNECT



Standardized Relay

INFOID:000000008144829

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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

	NORMAL OPEN RELAY	NORMAL CLOSED RELAY	MIXED TYPE RELAY
SW 1 "OFF"	<p>Does not flow.</p> <p>SW 1 BATTERY</p>	<p>Flows.</p> <p>SW 1 BATTERY</p>	<p>Does not flow.</p> <p>SW 1 BATTERY</p>
SW 1 "ON"	<p>Flows.</p> <p>SW 1 BATTERY</p>	<p>Does not flow.</p> <p>SW 1 BATTERY</p>	<p>Flows.</p> <p>SW 1 BATTERY</p>

SEL881H

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

PG

N
O
P

COMPONENT PARTS

< SYSTEM DESCRIPTION >

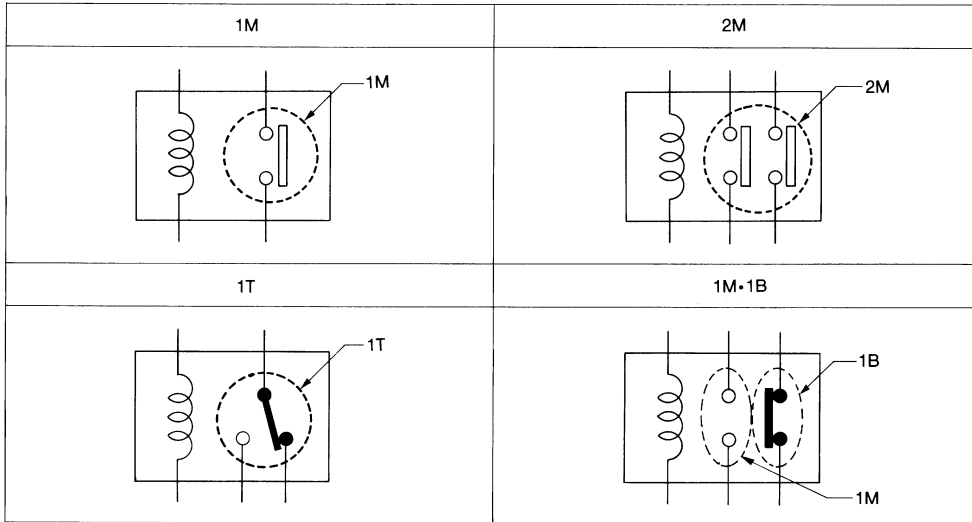
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

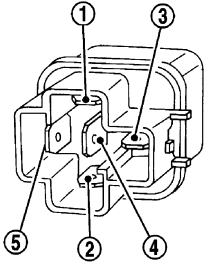
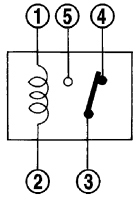
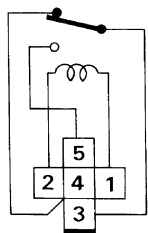
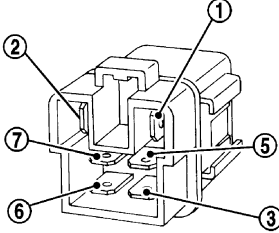
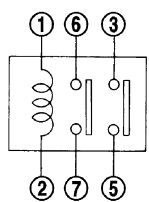
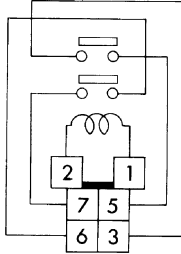
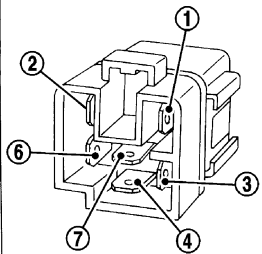
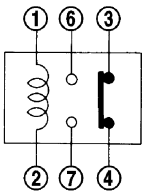
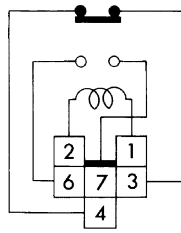
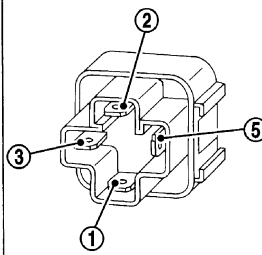
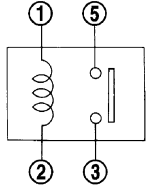
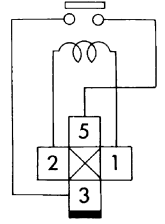
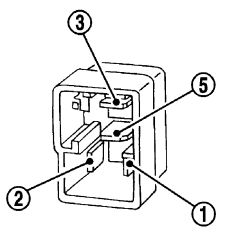
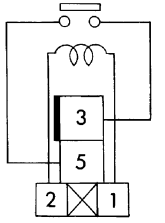
1M·1B 1 Make 1 Break



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

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

POWER SUPPLY ROUTING CIRCUIT


< WIRING DIAGRAM >

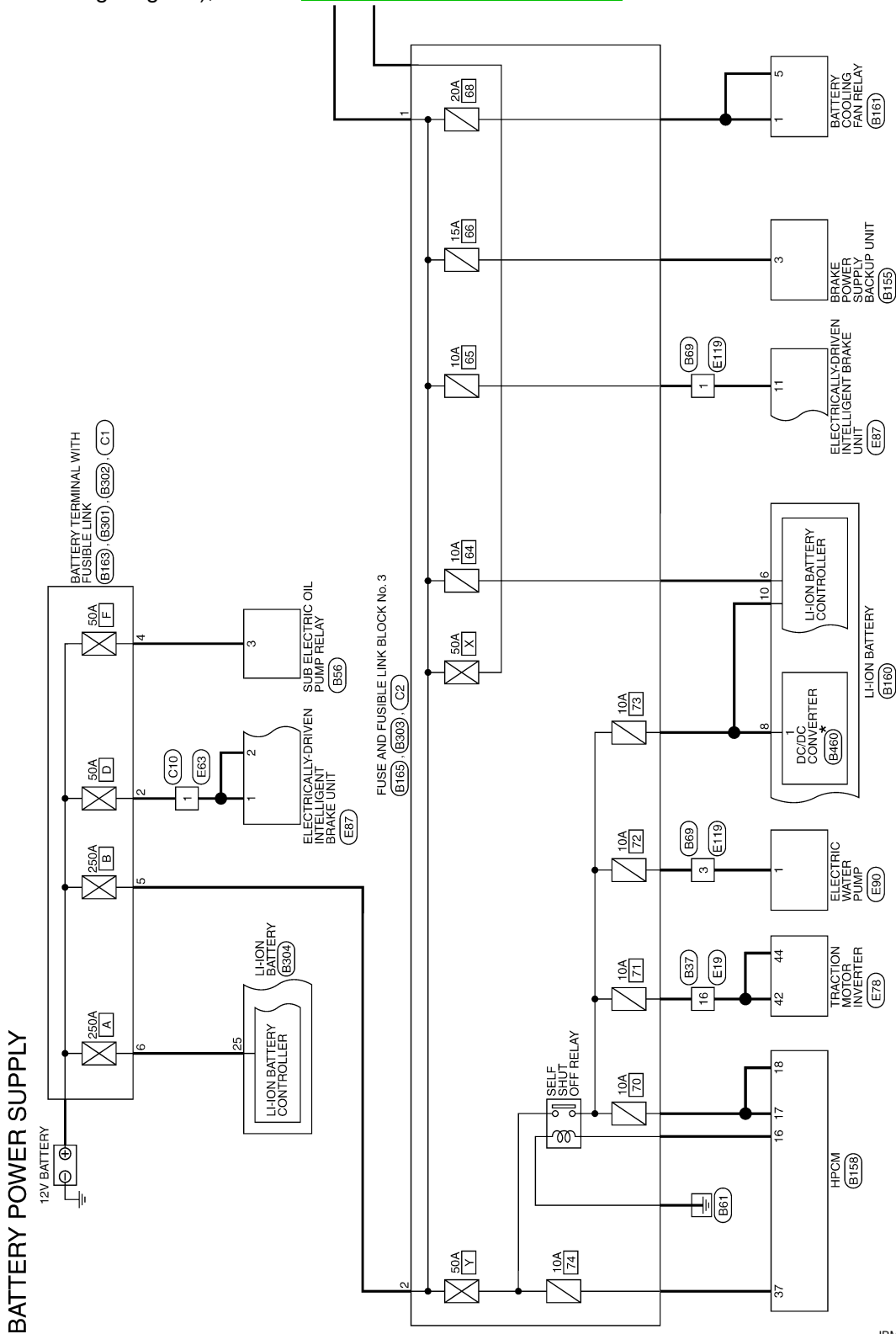
WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000008144830

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).



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

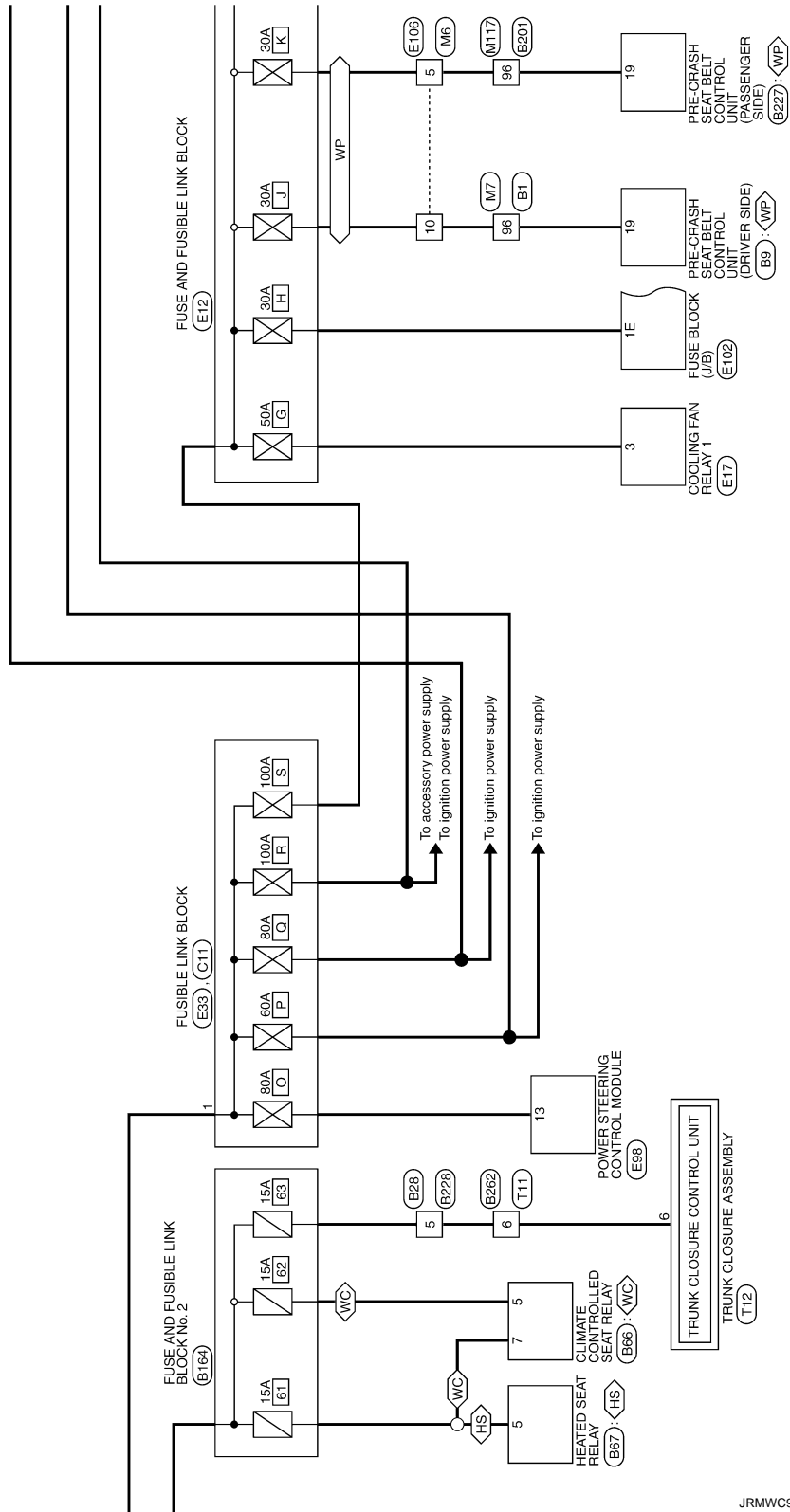
2012/02/29

JRMWC9987GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

◊WP◊ : With Pre-crash seat belt system
 ◊WC◊ : With Climate controlled seat
 ◊HS◊ : With heated seat



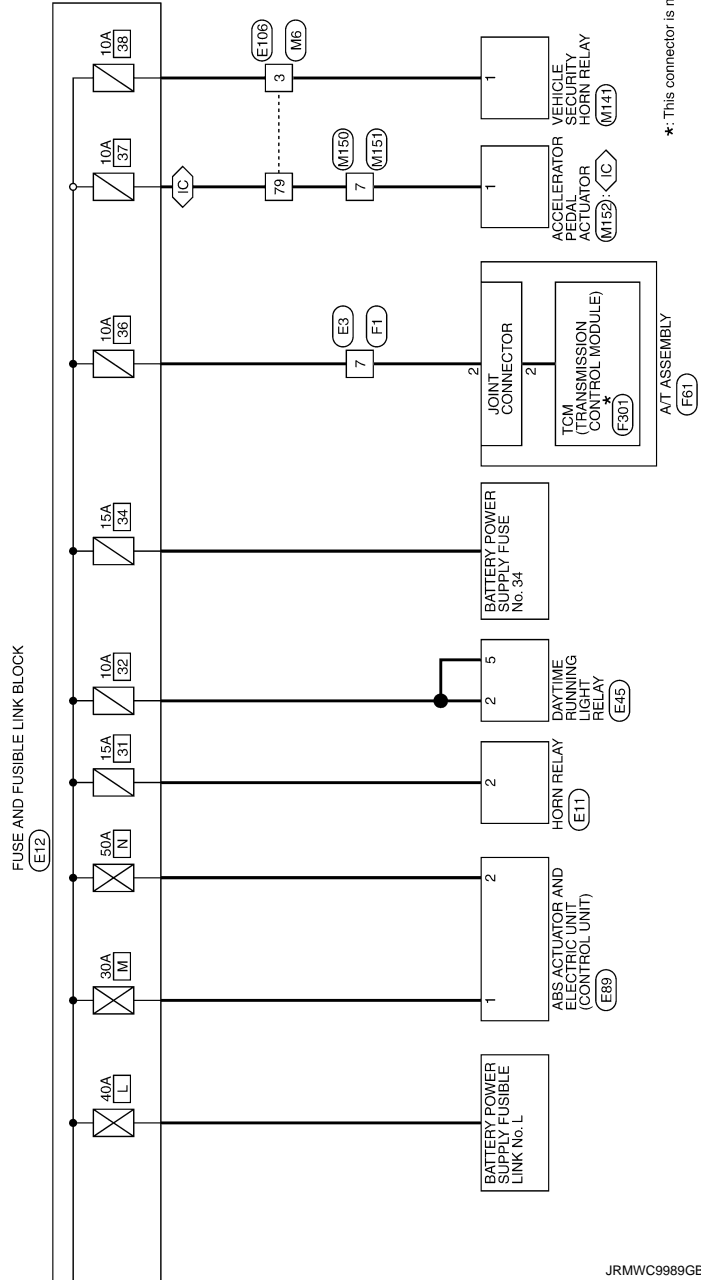
JRMWC9988GB

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

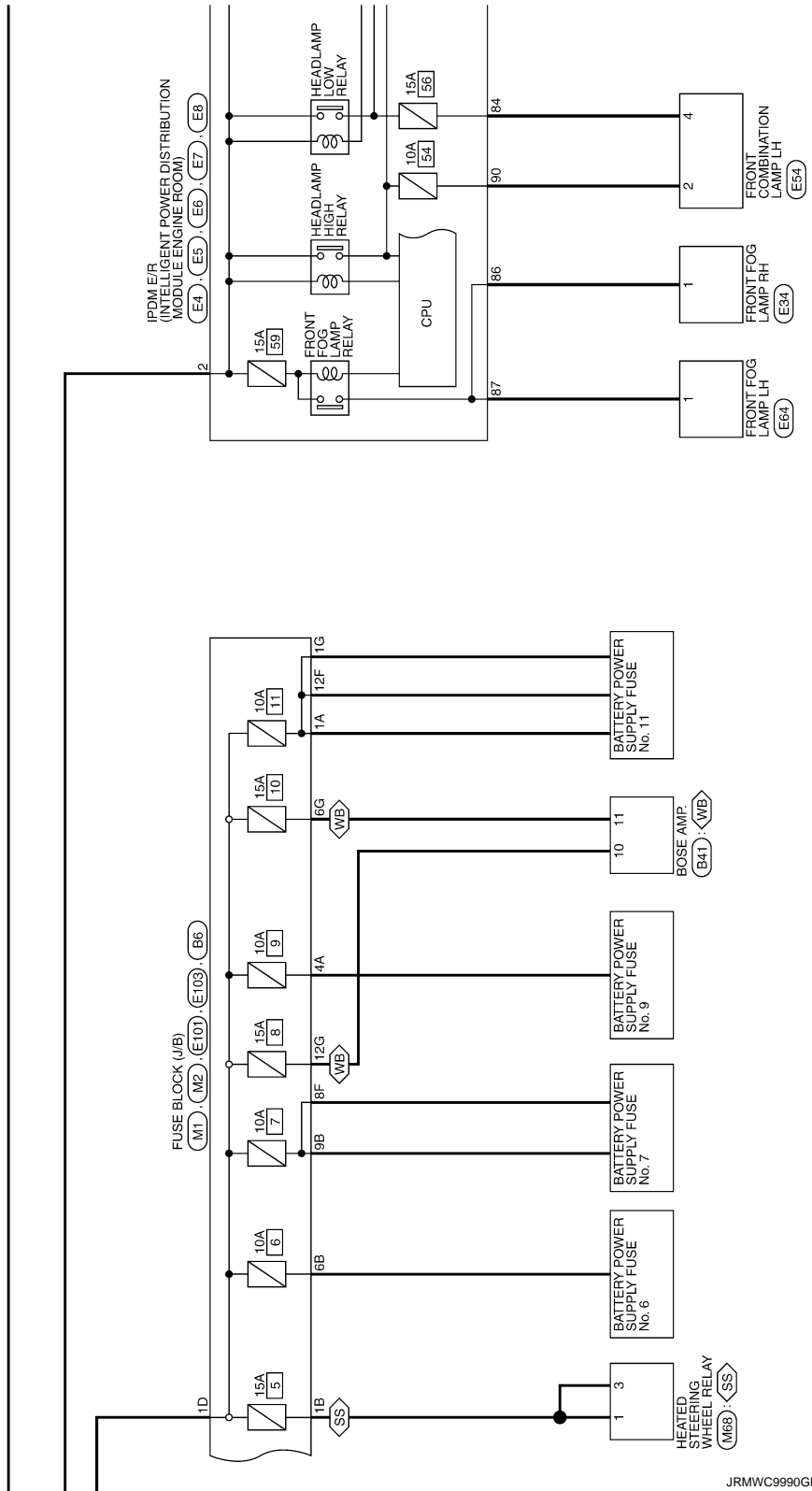
⬠: With ICC



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

WB : With BOSE system
SS : With heated steering



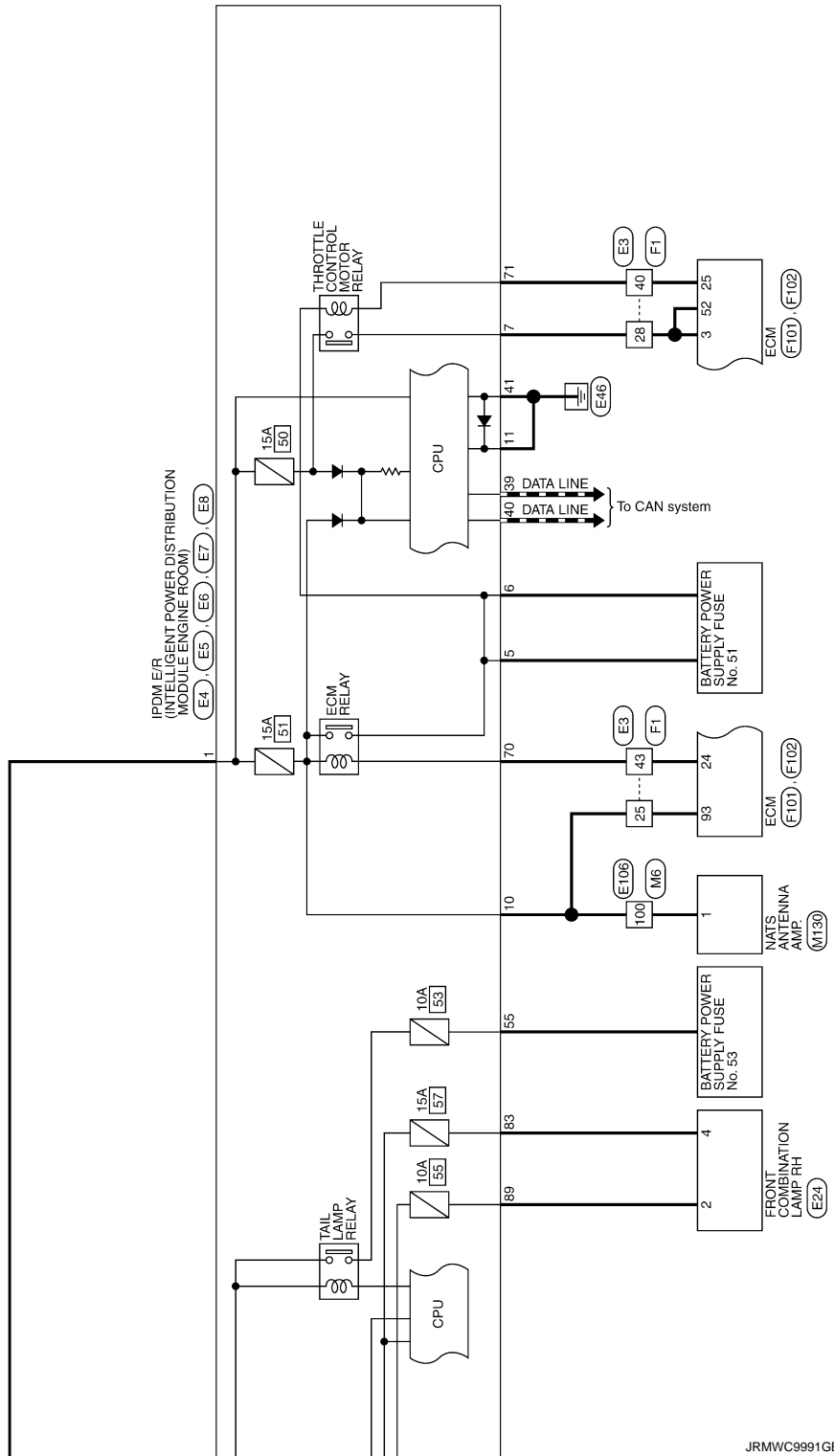
JRMWC9990GB

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

PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



JRMWC9991 GB

POWER SUPPLY ROUTING CIRCUIT

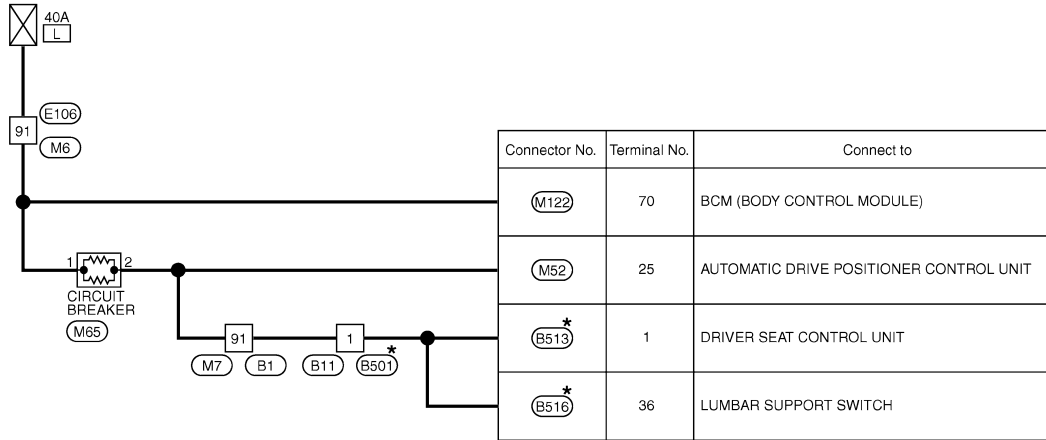
< WIRING DIAGRAM >

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

INFOID:000000008144831

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

BATTERY POWER SUPPLY FUSIBLE LINK No. L



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

2010/02/03

JCMWA5605GB


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

POWER SUPPLY ROUTING CIRCUIT


< WIRING DIAGRAM >


Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

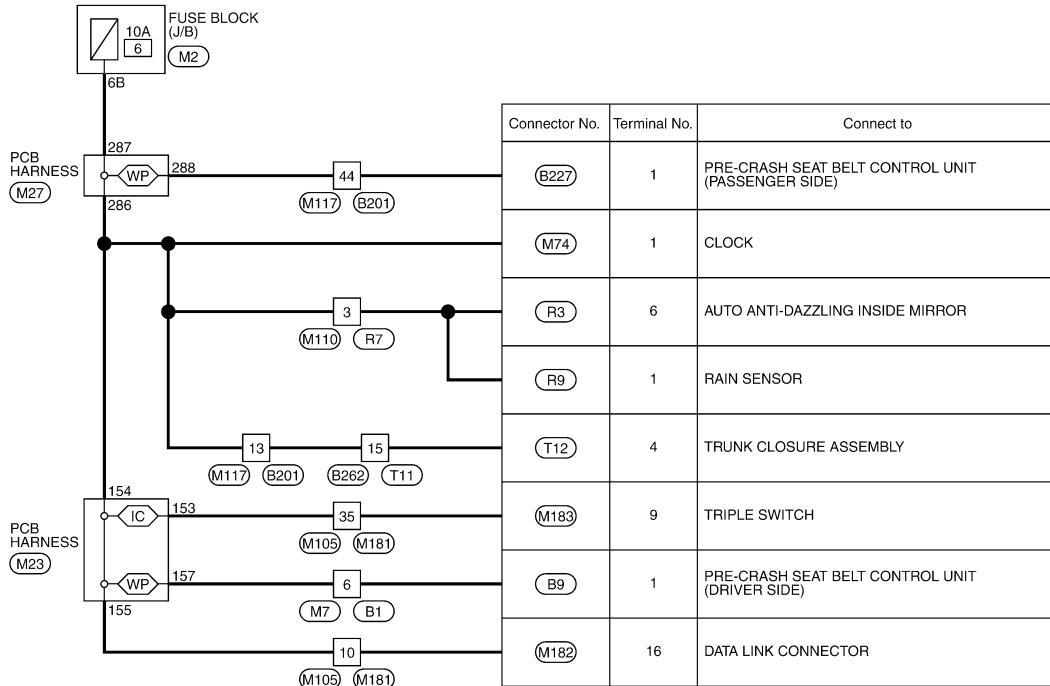
INFOID:000000008144832

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 6

 : With ICC

 : With Pre-crash seat belt system



2012/02/29


JRMWC9992GB

POWER SUPPLY ROUTING CIRCUIT

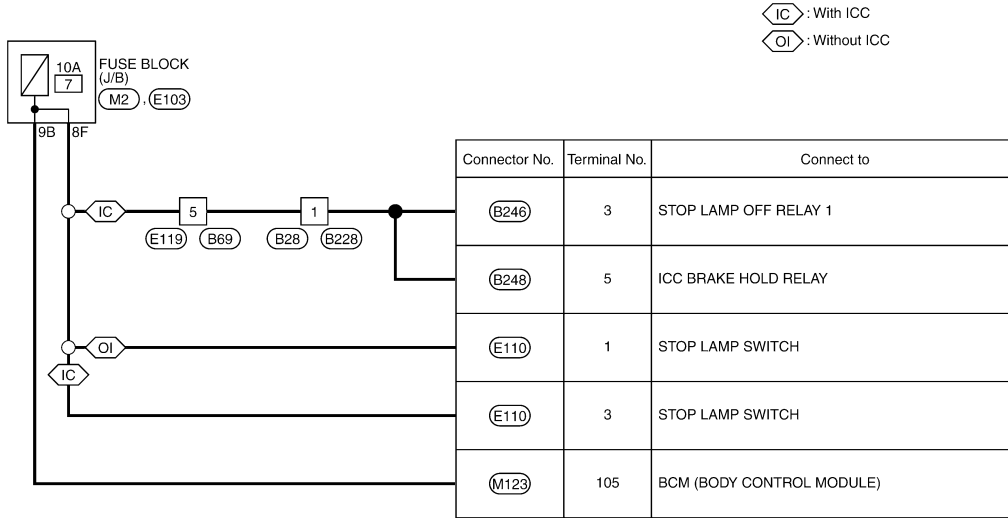
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 -

INFOID:000000008144833

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 7



2010/11/17

JCMWN0546GB

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

POWER SUPPLY ROUTING CIRCUIT

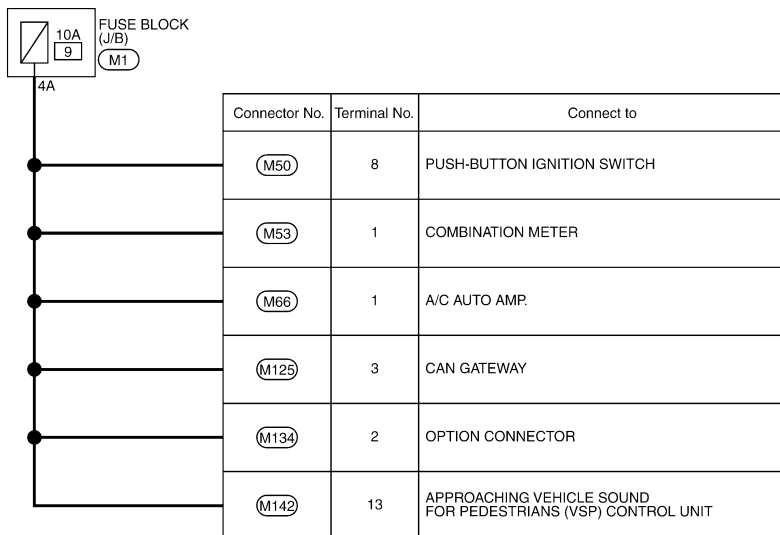
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 -

INFOID:000000008144834

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 9



2010/11/17

JCMWN0549GB

POWER SUPPLY ROUTING CIRCUIT

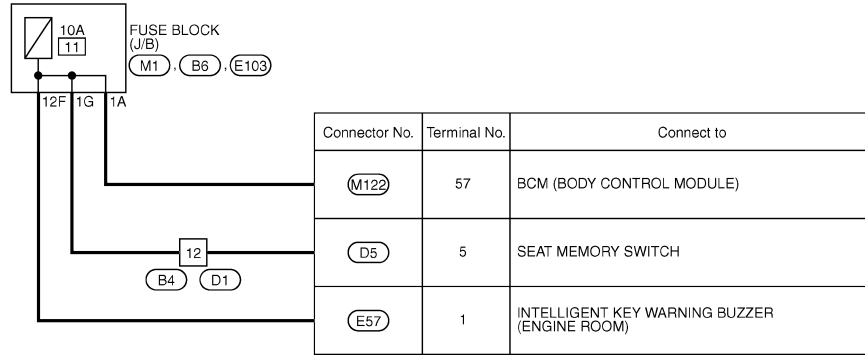
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -

INFOID:000000008144835

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 11



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

PG

N
O
P

2010/02/03

JCMWA5621GB

POWER SUPPLY ROUTING CIRCUIT

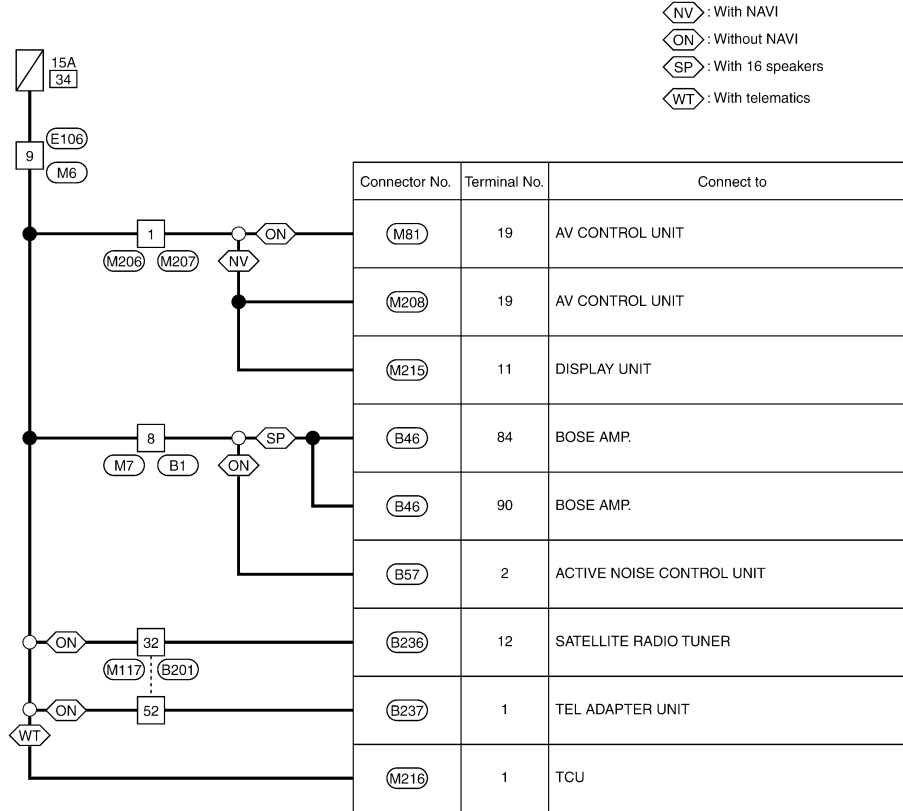
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000008144836

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 34



2012/02/29

JRMWC9993GB

POWER SUPPLY ROUTING CIRCUIT

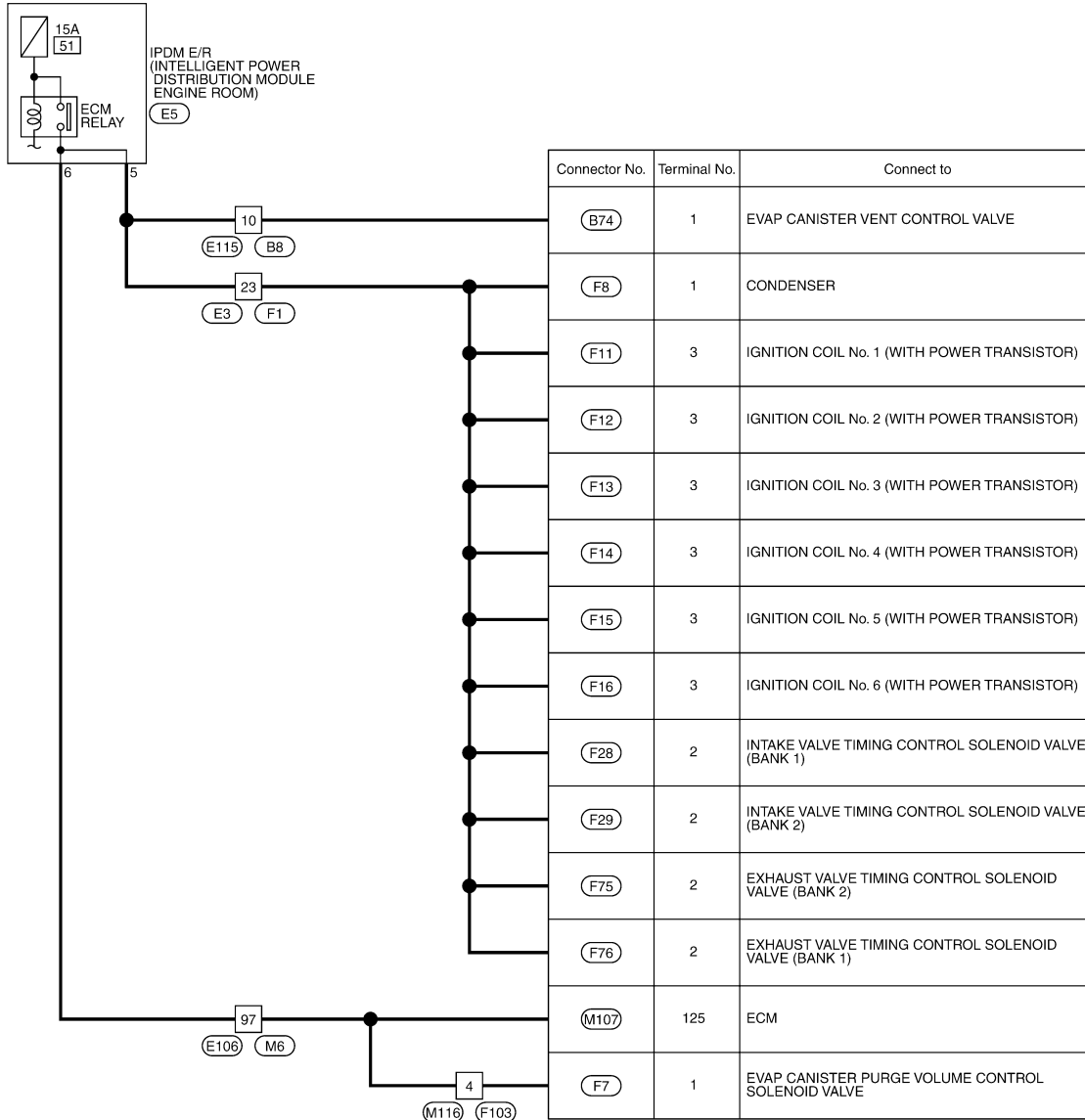
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 51 -

INFOID:000000008144837

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 51



2010/11/17

JCMWN0559GB

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


PG

POWER SUPPLY ROUTING CIRCUIT

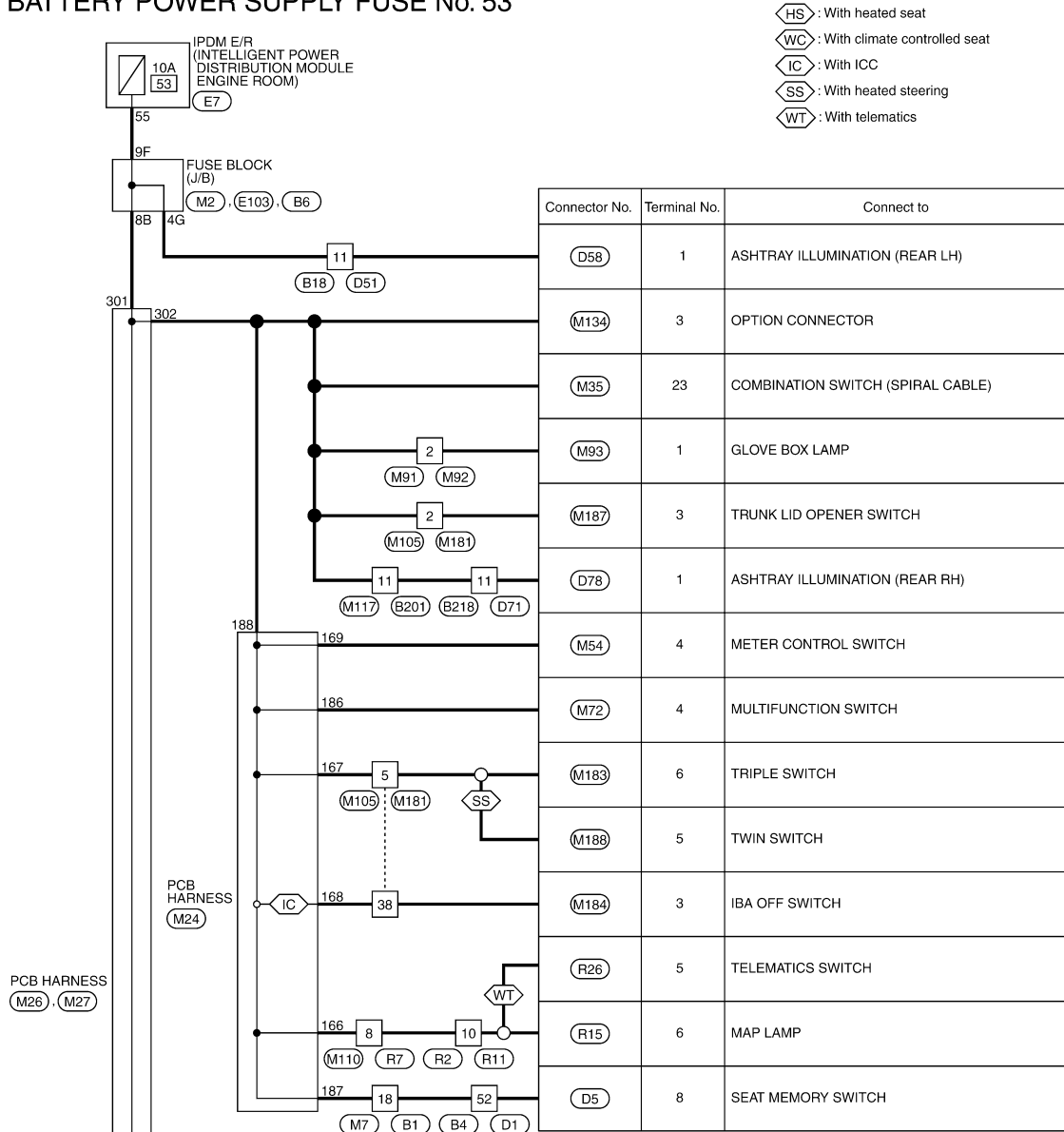
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:00000008144838

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

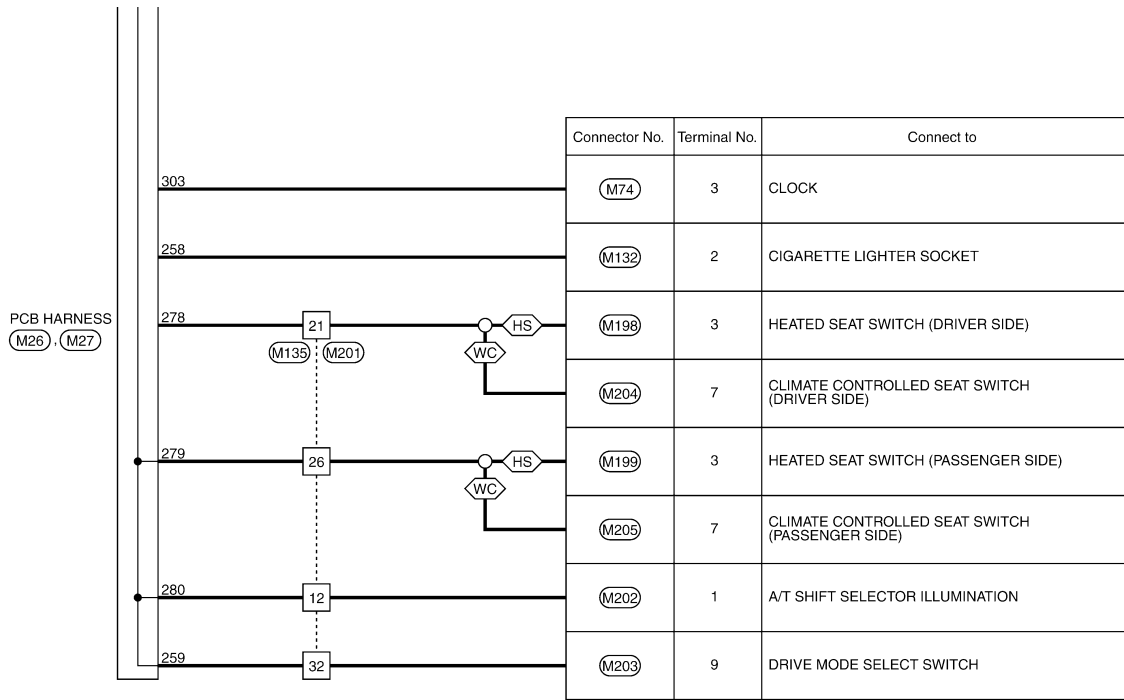
BATTERY POWER SUPPLY FUSE No. 53



JRMWC9994GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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

PG

2012/02/29

JRMWC9995GB

POWER SUPPLY ROUTING CIRCUIT

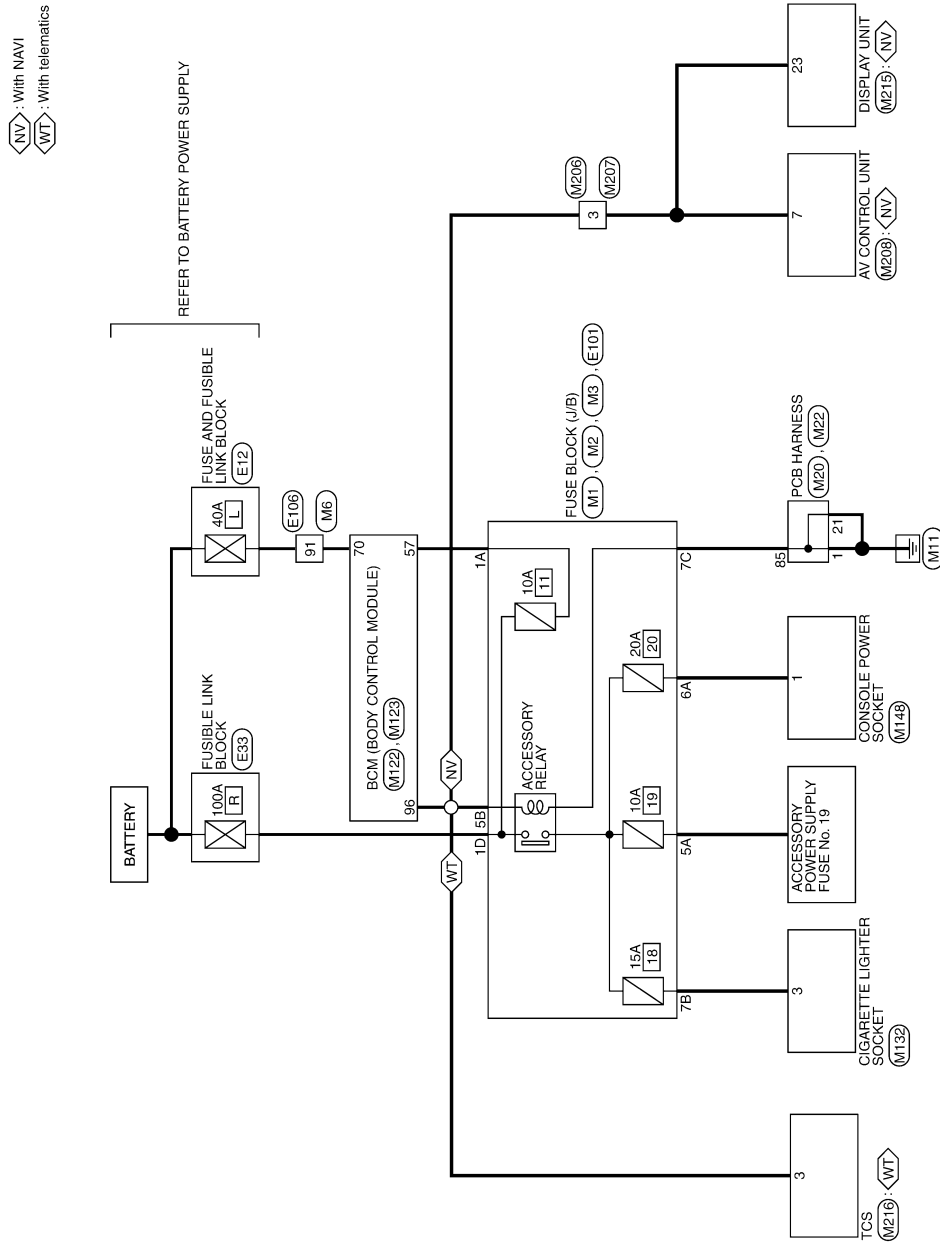
< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000008144839

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

ACCESSORY POWER SUPPLY



POWER SUPPLY ROUTING CIRCUIT

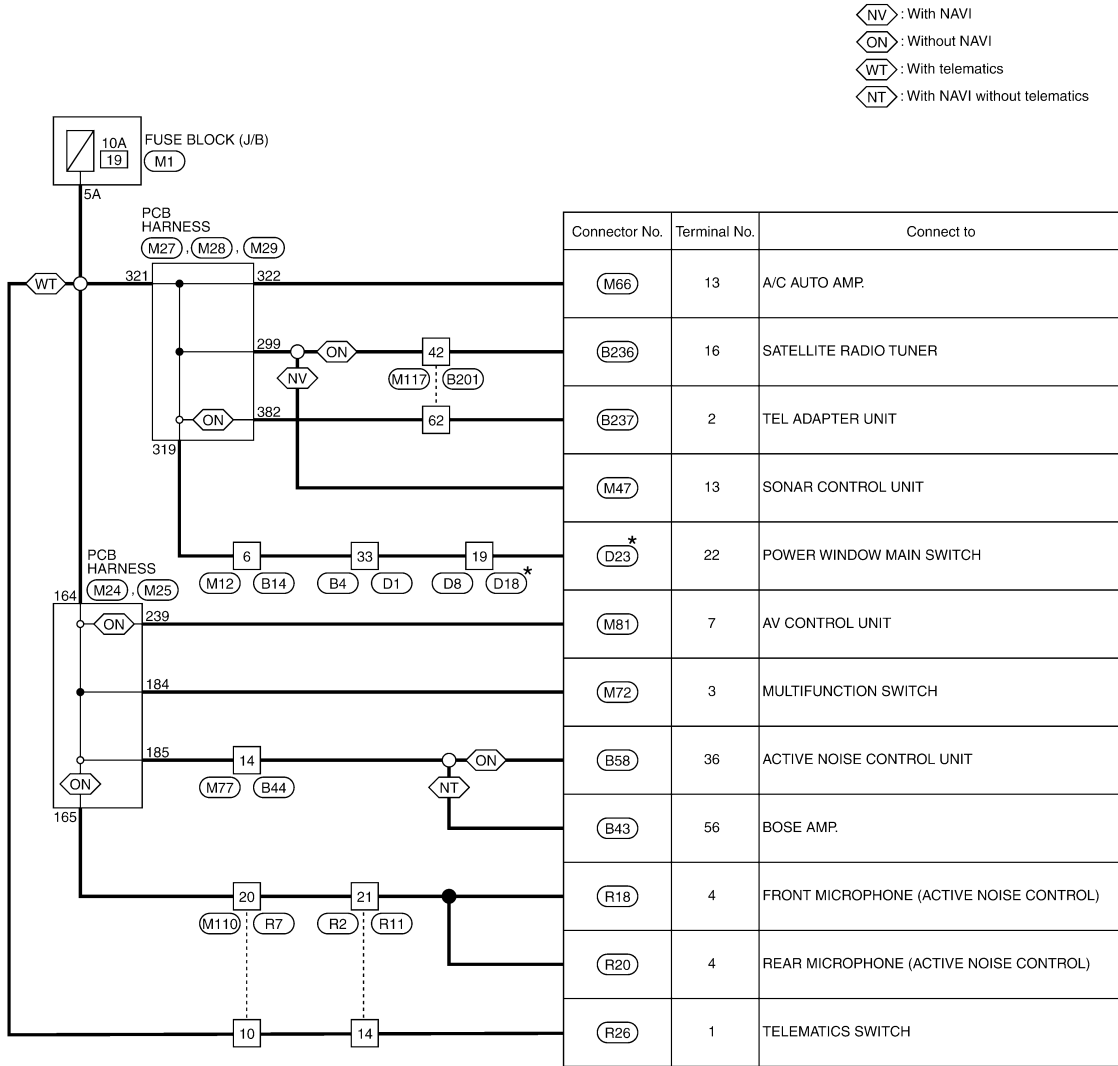
< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:000000008144840

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

ACCESSORY POWER SUPPLY FUSE No. 19



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

2012/02/29

JRMWC9997GB

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

PG

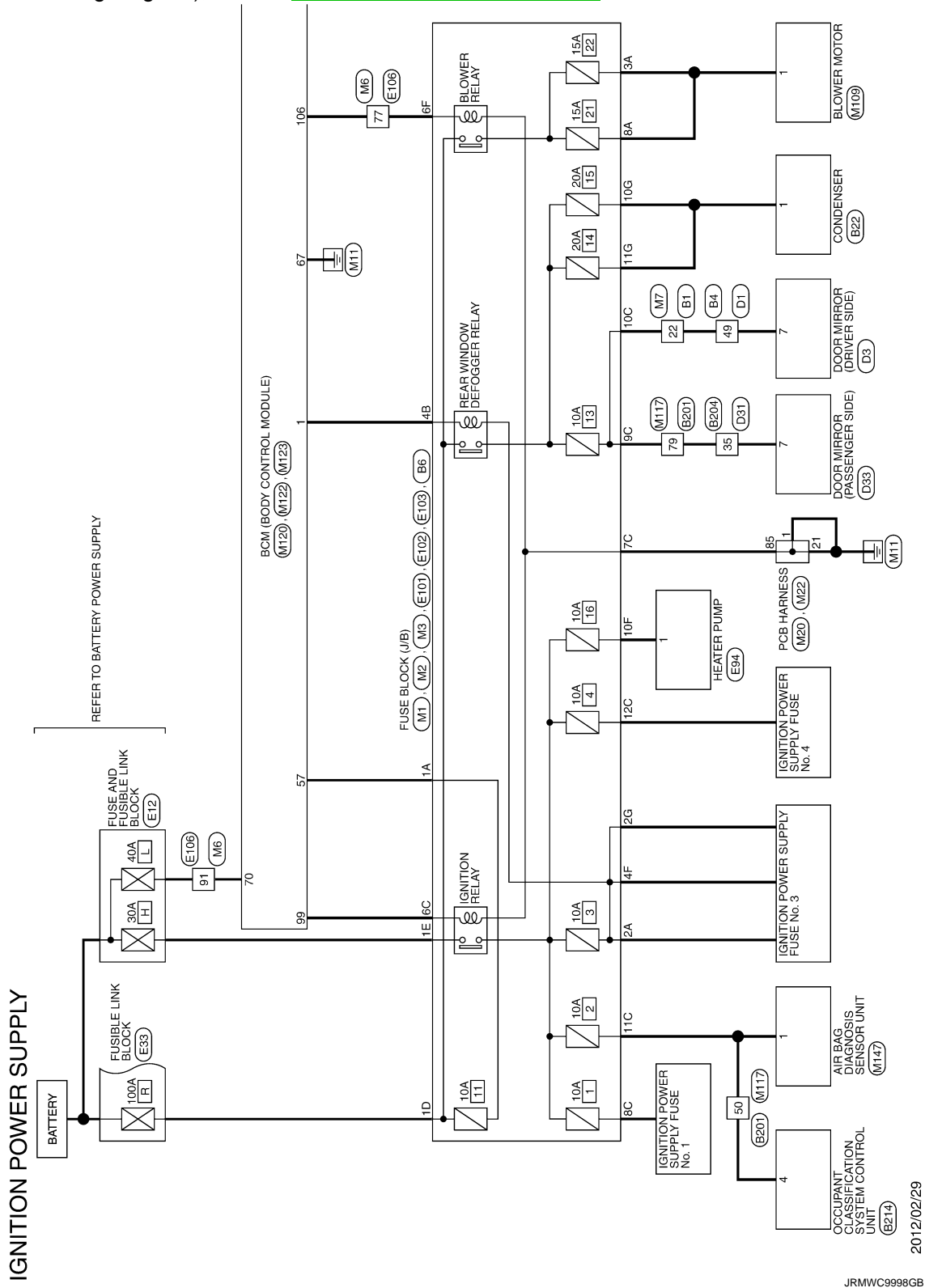
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

INFOID:000000008144841

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

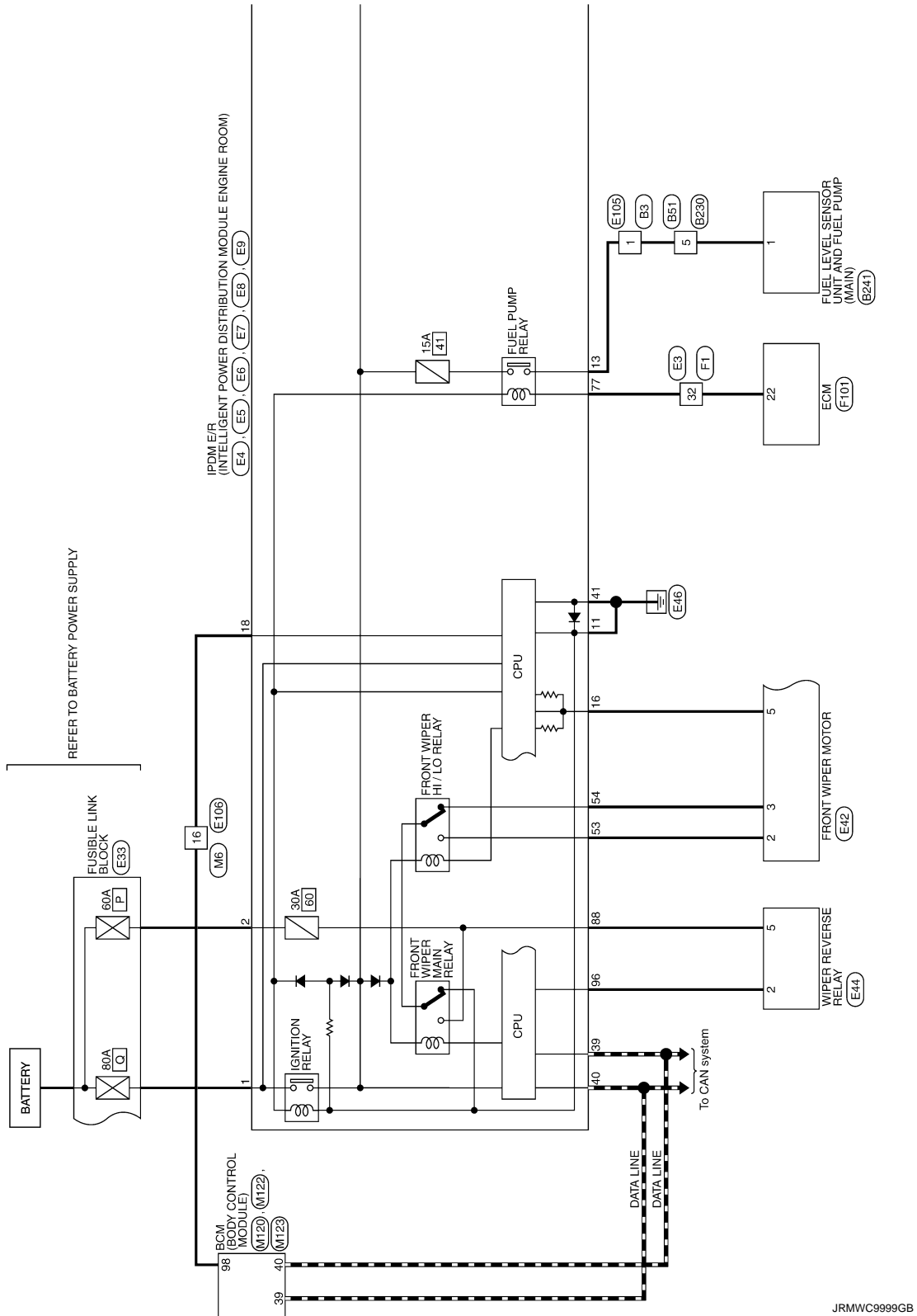


2012/02/29

JRMWC9998GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



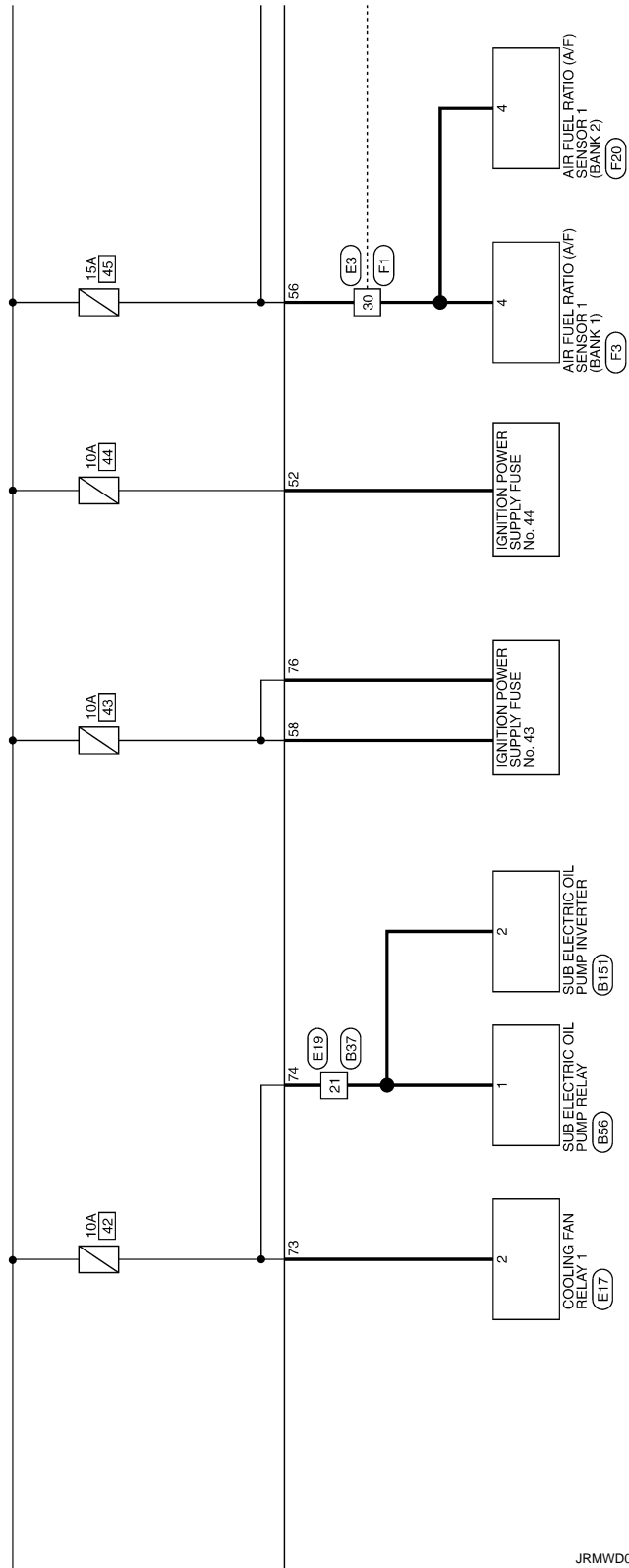
A
B
C
D
E
F
G
H
I
J
K
L
N
O
P

PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

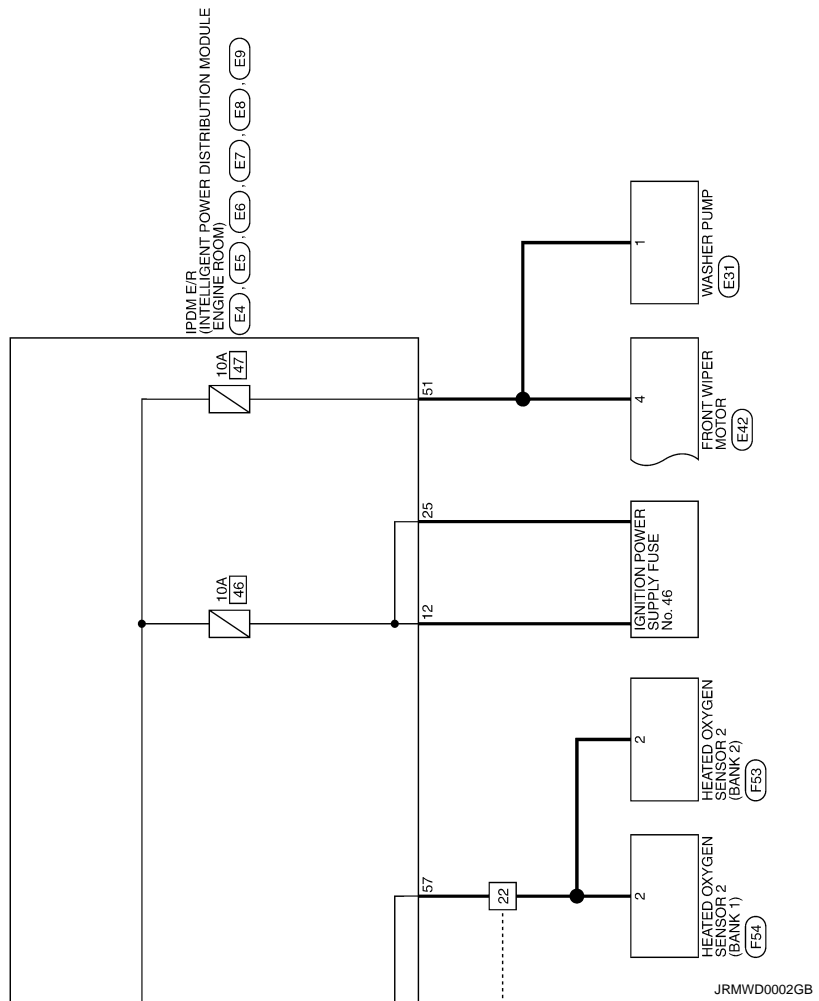
IPDM E/R
(INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
(E4) (E5) (E6) (E7) (E8) (E9)



JRMWD0001GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

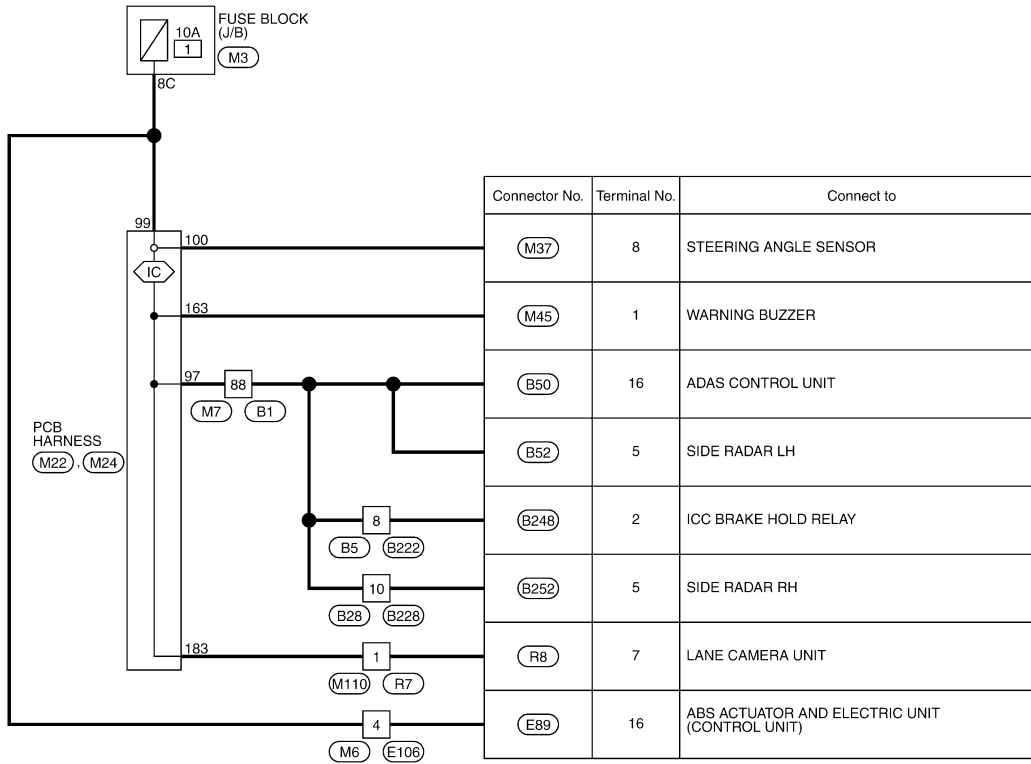
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 1 -

INFOID:000000008144842

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 1

◊ IC : With ICC



2010/11/17

JCMWN0604GB

POWER SUPPLY ROUTING CIRCUIT

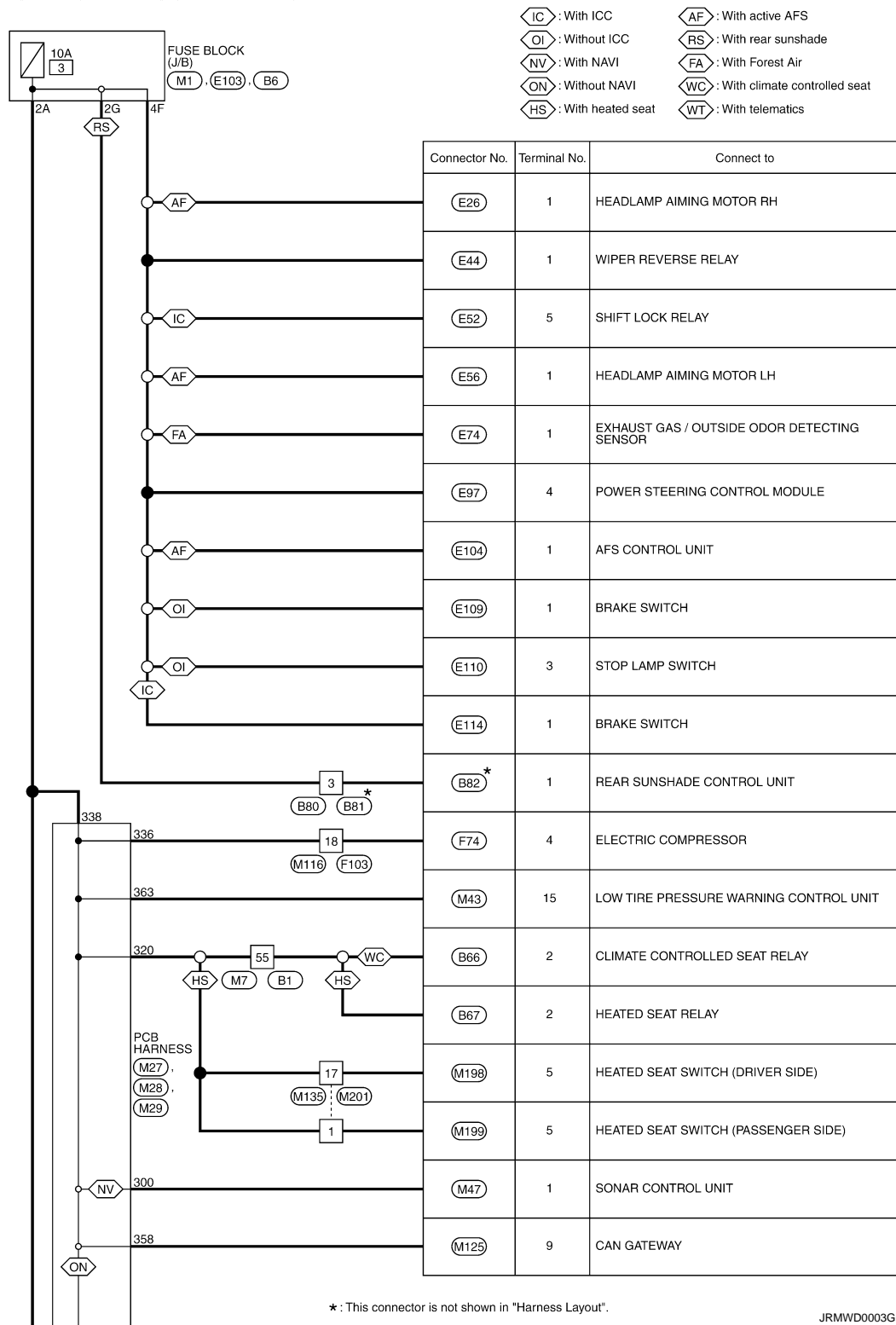
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000008144843

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

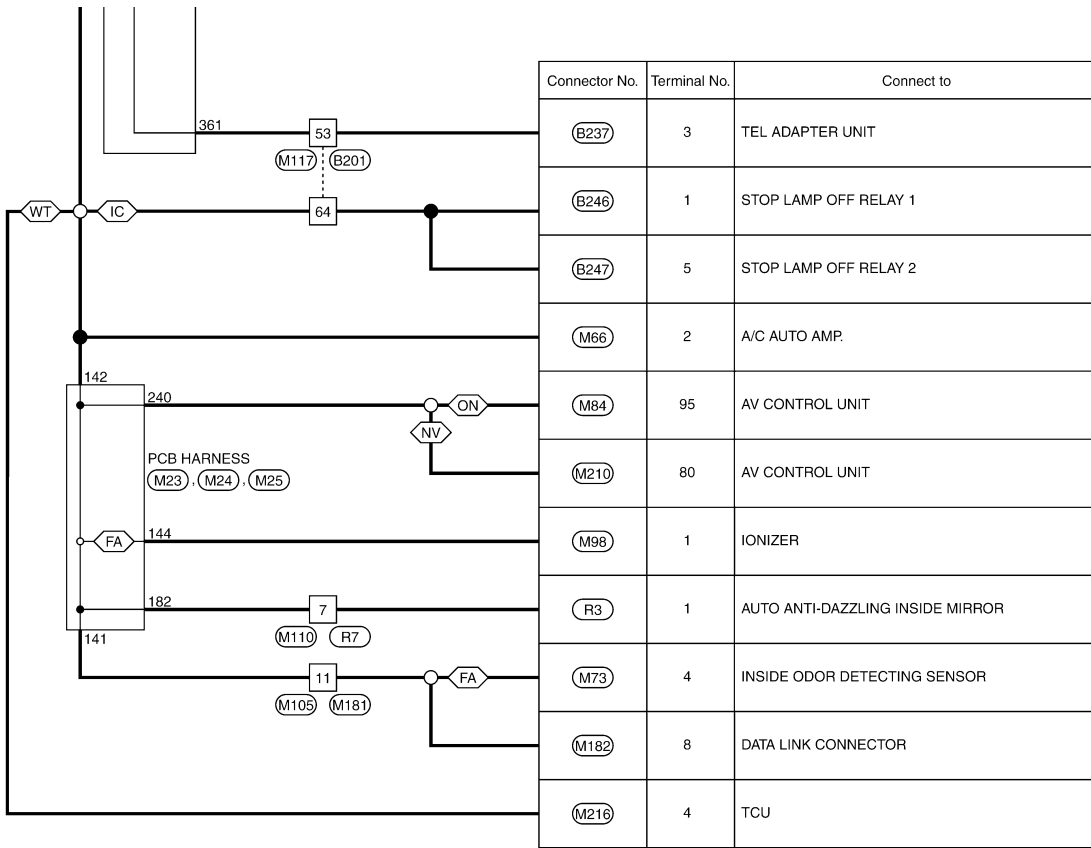
IGNITION POWER SUPPLY FUSE No. 3



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



2012/02/29

JRMWD0004GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

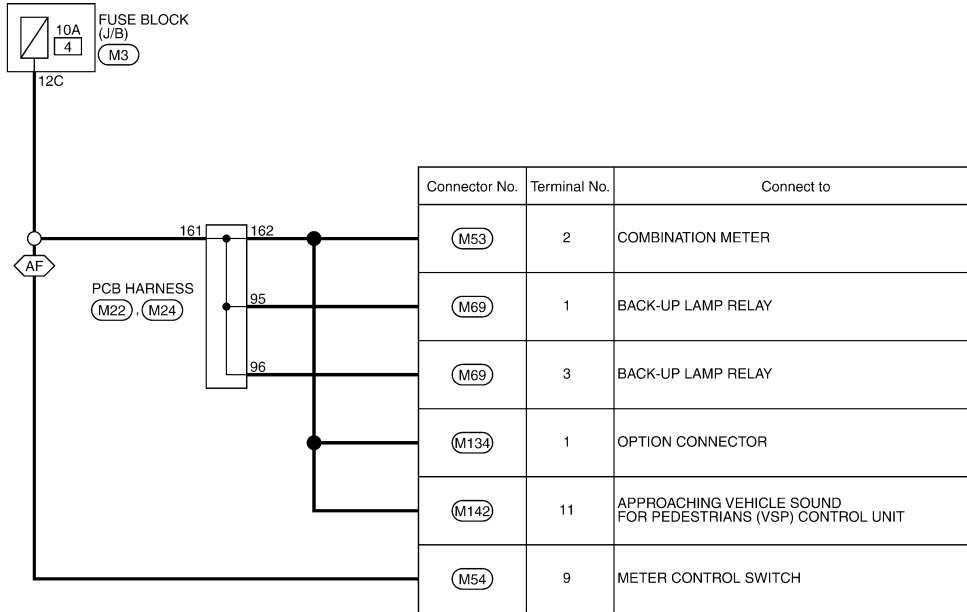
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -

INFOID:000000008144844

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 4

◊AF: With active AFS



2010/11/17

JCMWN0623GB

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

PG

POWER SUPPLY ROUTING CIRCUIT

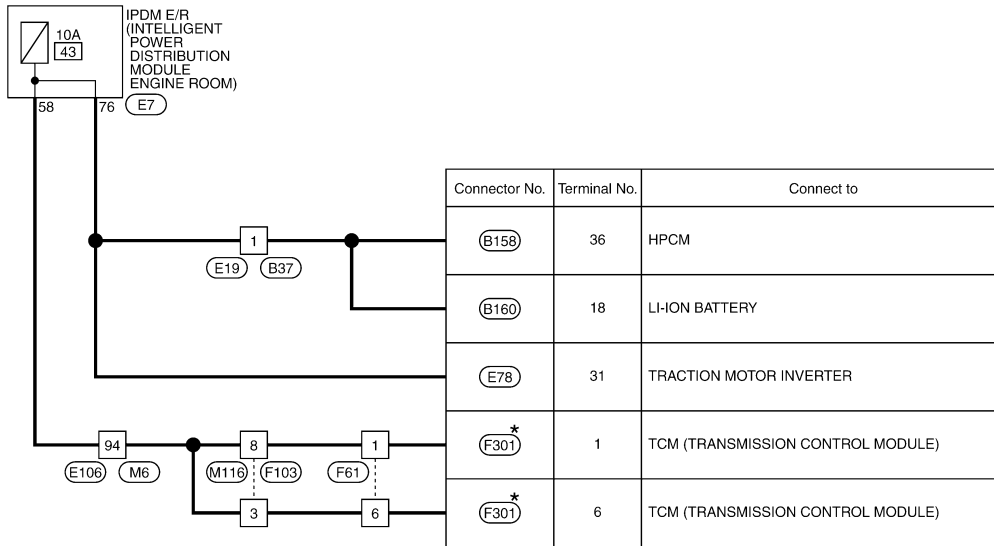
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 43 -

INFOID:000000008144845

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 43



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

2010/11/17


JCMWN0626GB

POWER SUPPLY ROUTING CIRCUIT

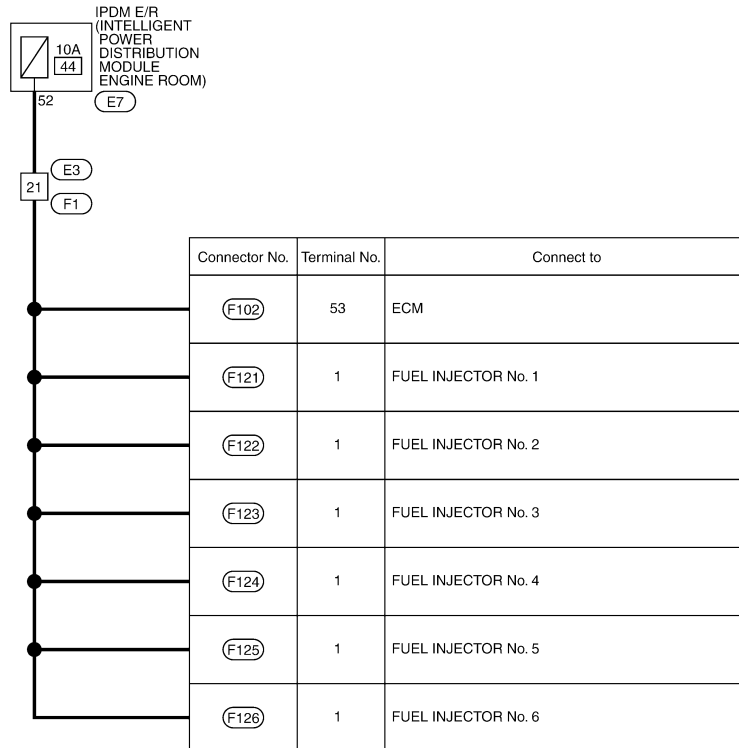
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000008144846

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13. "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 44



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

PG

2010/11/17

JCMWN0630GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

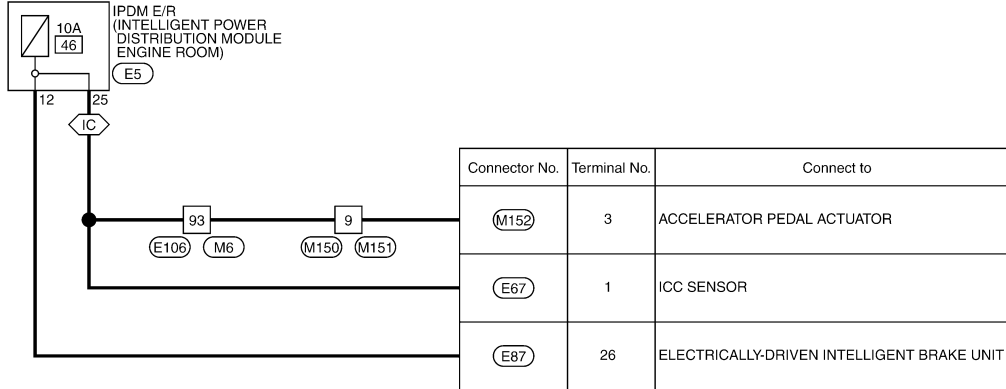
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 46 -

INFOID:000000008144847

For connector terminal arrangements, harness layouts, and alphabets in a ◊ (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 46

◊IC◊ : With ICC



2010/11/17

JCMWN0633GB


OPTION HARNESS

< WIRING DIAGRAM >

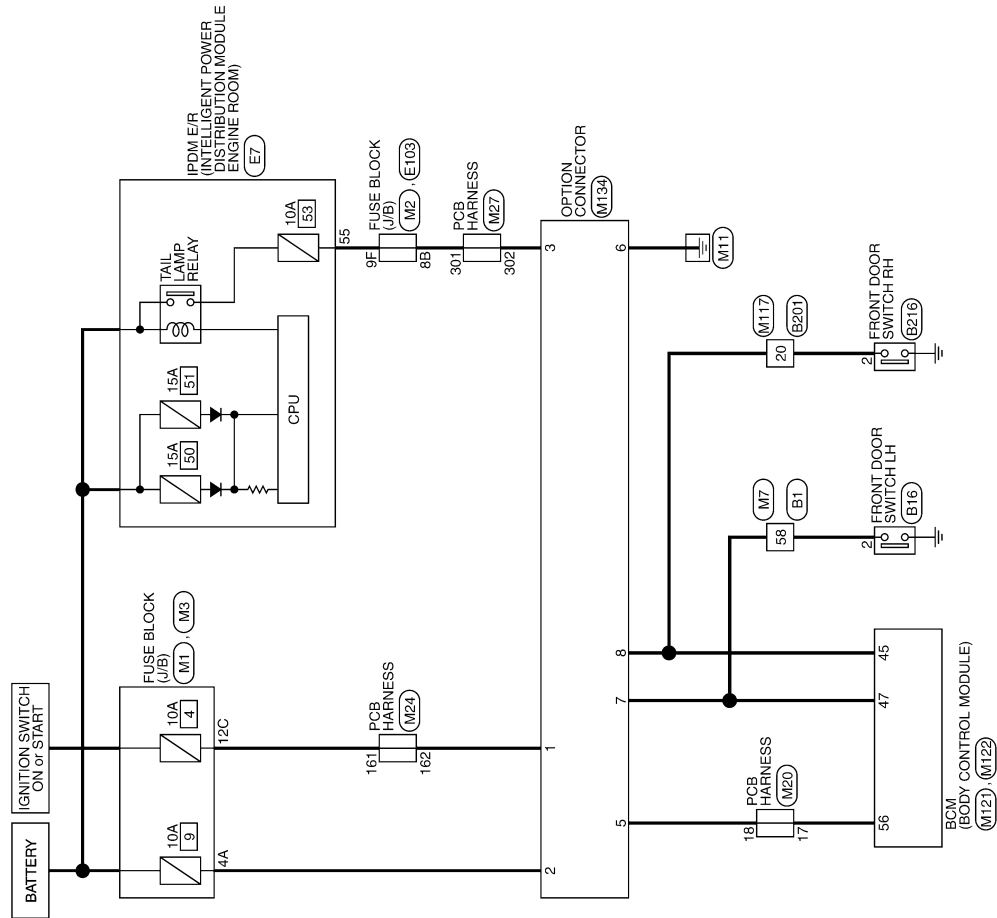
OPTION HARNESS

Wiring Diagram

INFOID:000000008144848

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-13, "Connector Information"](#).

OPTION HARNESS



2010/11/17

JCMWN0510GB

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

PG

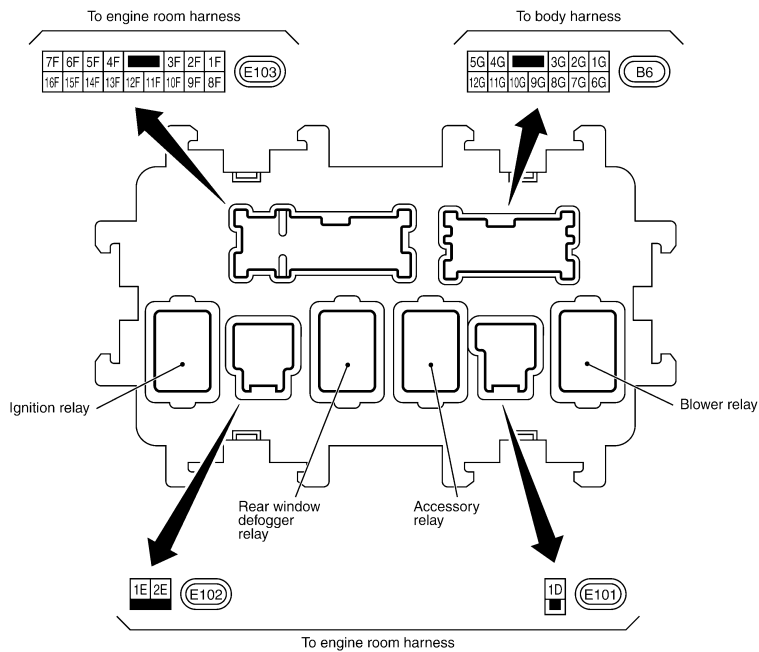
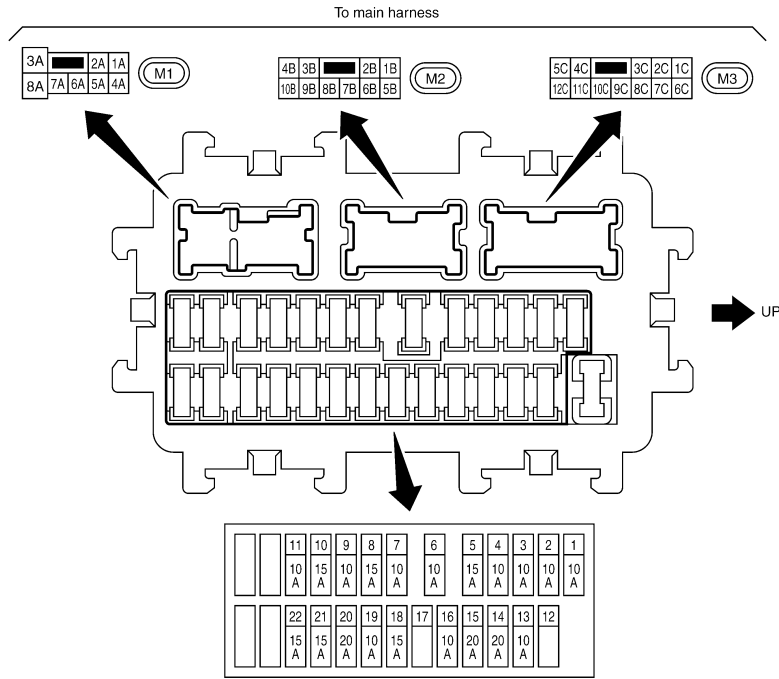
FUSE BLOCK - JUNCTION BOX (J/B)

< WIRING DIAGRAM >

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000008144849



2010/11/17

JCMWN0636GB

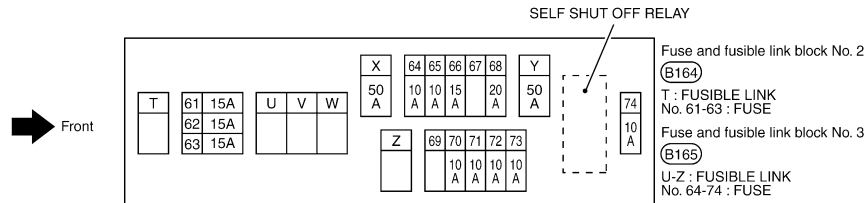
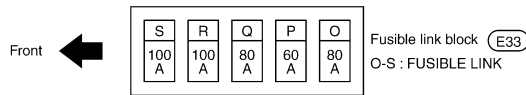
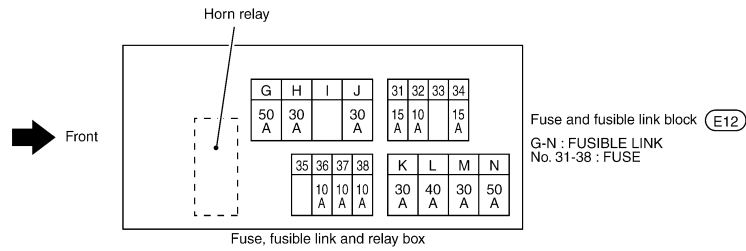
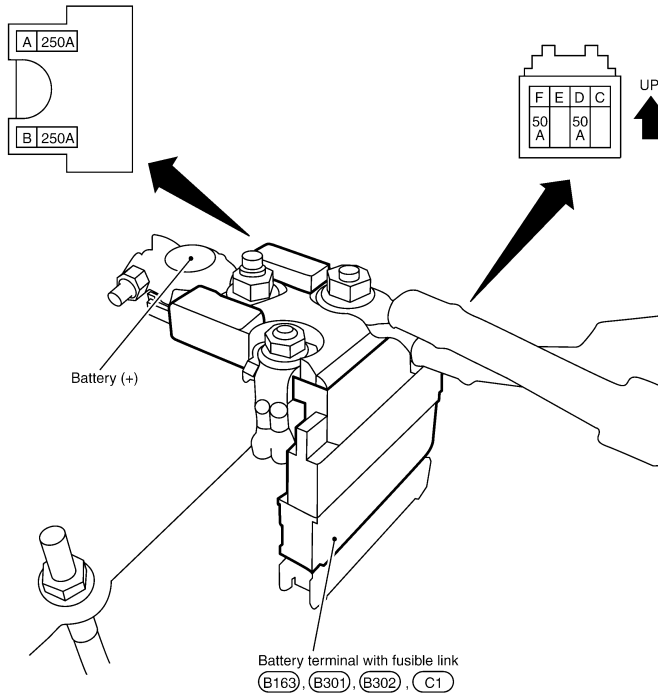
FUSE, FUSIBLE LINK AND RELAY BOX

< WIRING DIAGRAM >

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000008144850



2012/02/29

JRMWD0005GB

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

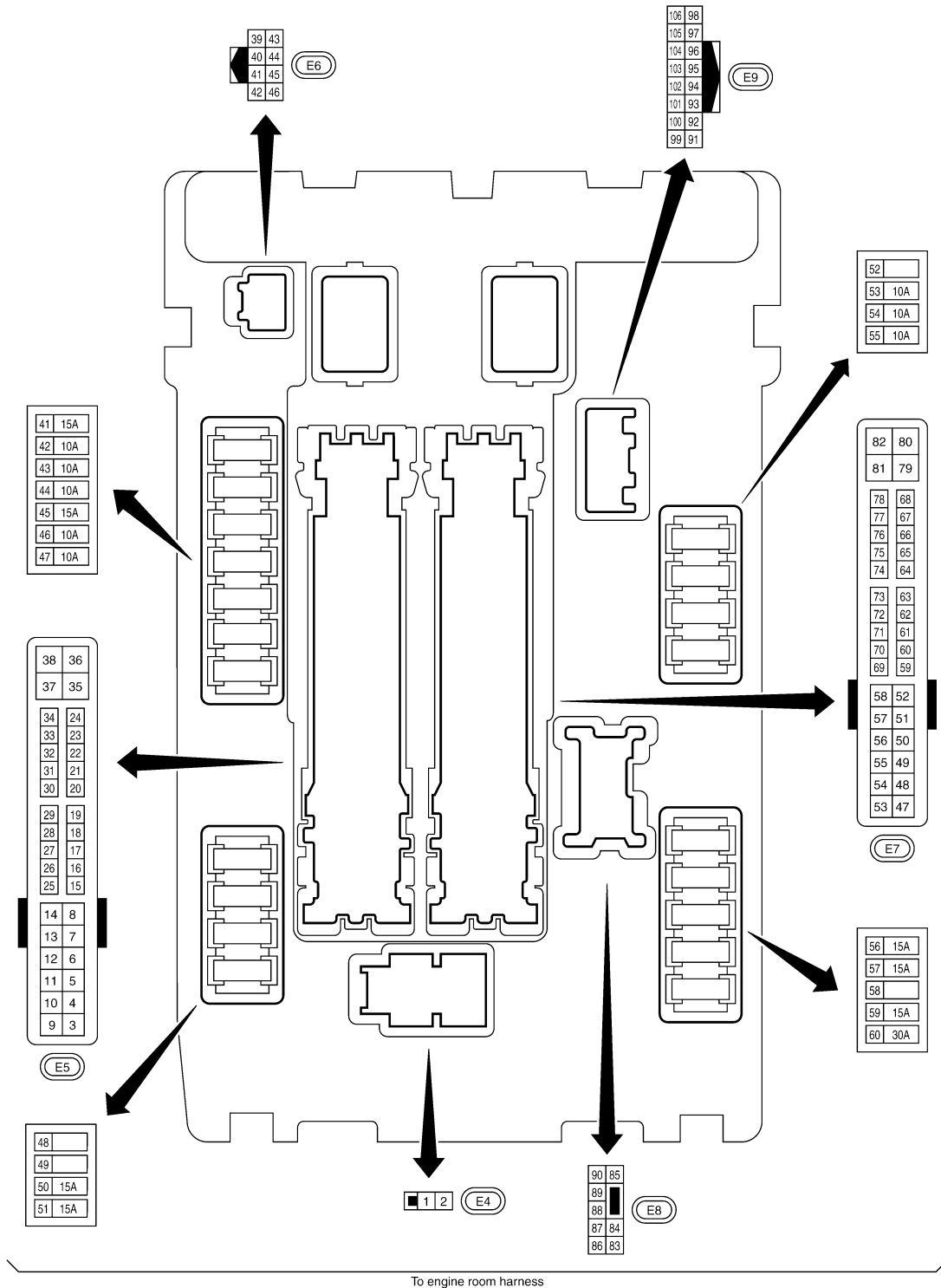
IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

< WIRING DIAGRAM >

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

Fuse, Connector and Terminal Arrangement

INFOID:000000008144851



2012/02/29

JRMWD0006GB

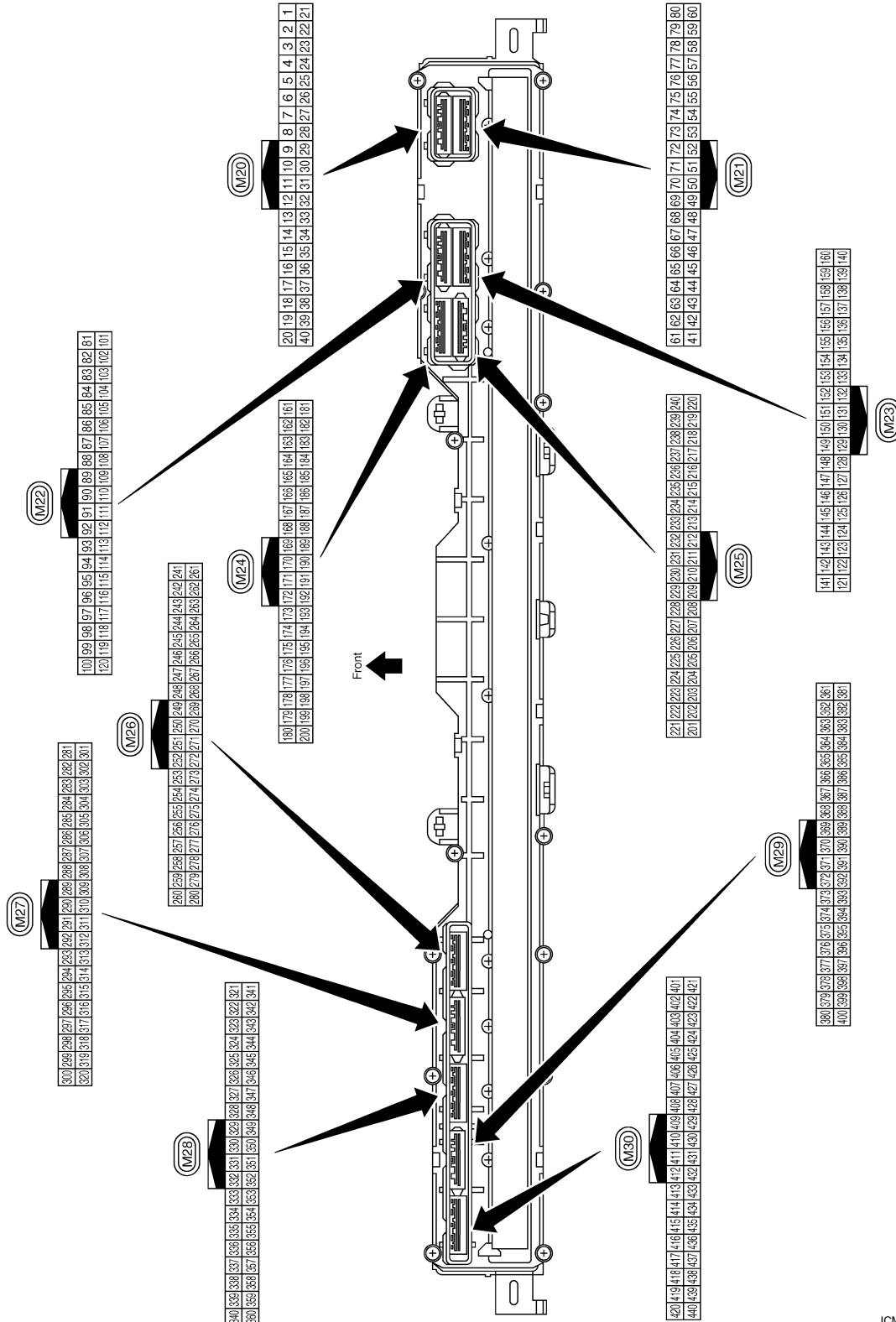
PCB HARNESS

< WIRING DIAGRAM >

PCB HARNESS

Connector and Terminal Arrangement

INFOID:000000008144852



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

2010/02/03

JCMWA5707GB

HARNESS LAYOUT

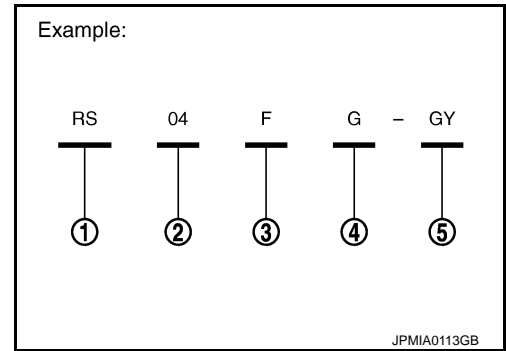
< WIRING DIAGRAM >

HARNESS LAYOUT

How To Read Harness Layout






INFOID:000000008144853

- 1 : Connector model
- 2 : Cavity
- 3 : Male (M) and female (F) terminals
- 4 : Connector color
- 5 : Special type



CONNECTOR SYMBOL

Main symbols of connector (in Harness Layout) are indicated in the below.

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
Connector symbol				
Ground terminal etc.	—			

JPMIA0114GB

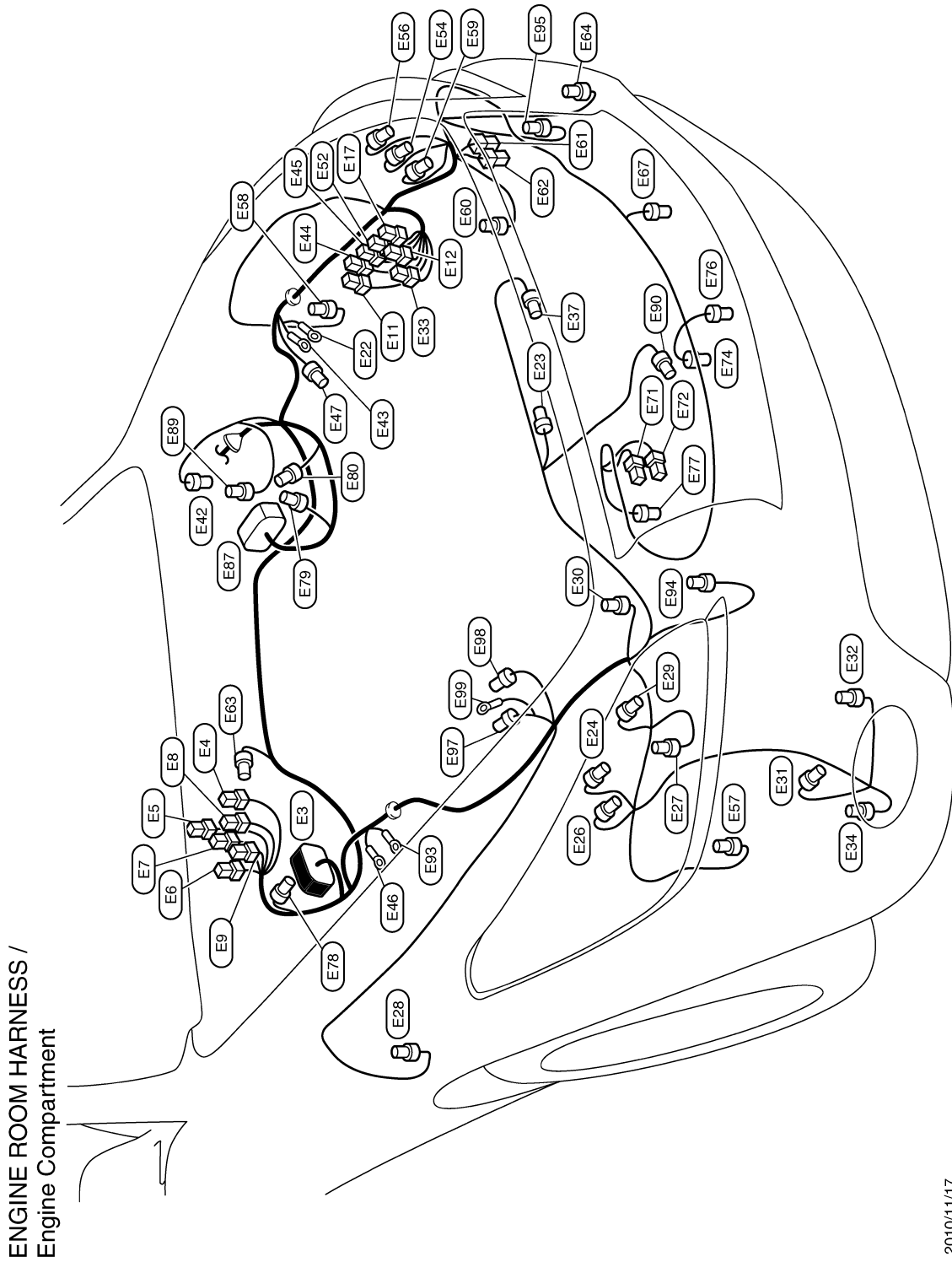
HARNES LAYOUT

< WIRING DIAGRAM >

Engine Room Harness

INFOID:000000008144855

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

2010/11/17

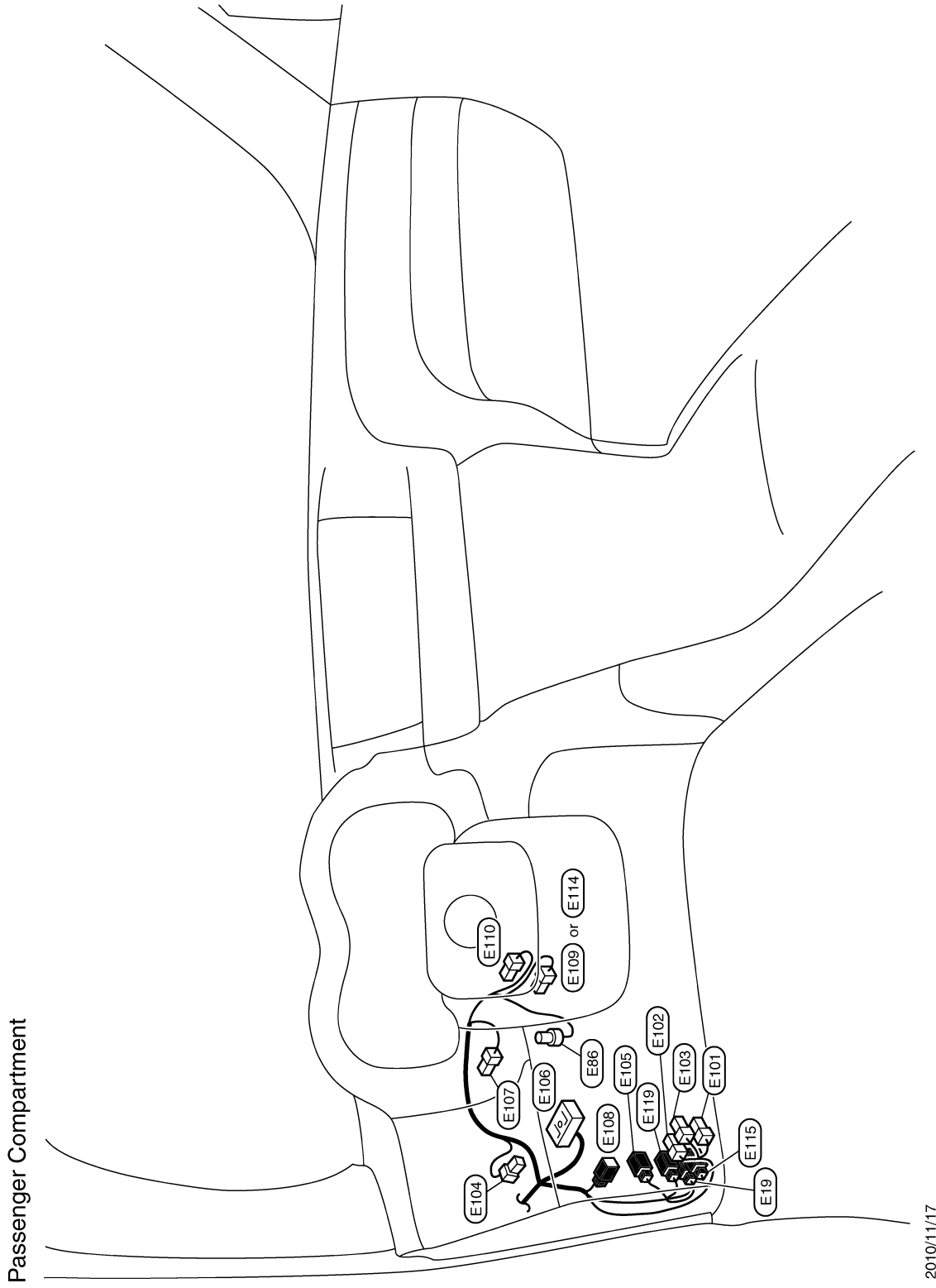
JCMIM1736GB

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

HARNES LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT



2010/11/17

JCMIM1737GB

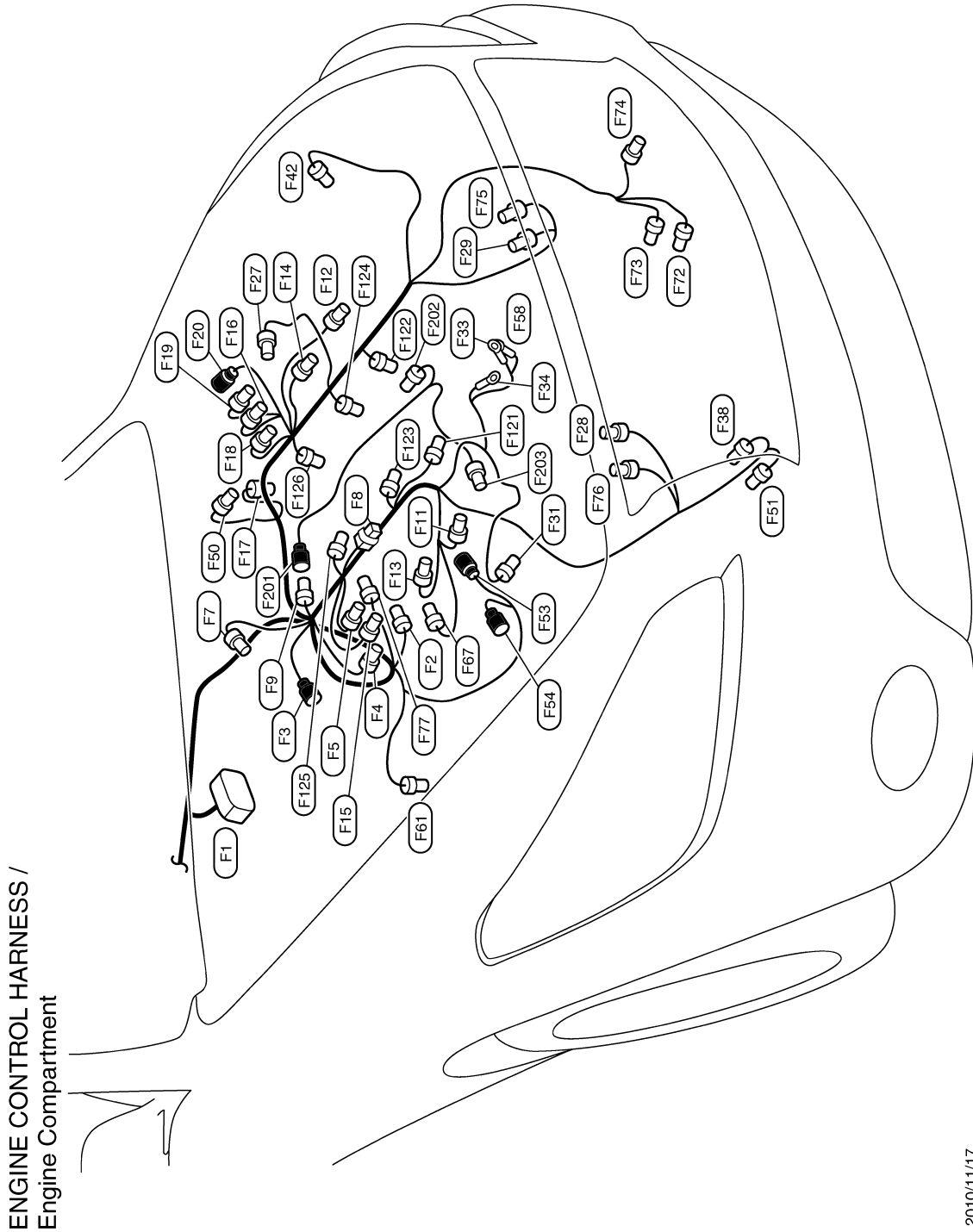
HARNES LAYOUT

< WIRING DIAGRAM >

Engine Control Harness

INFOID:000000008144856

ENGINE COMPARTMENT



ENGINE CONTROL HARNESS /
Engine Compartment

2010/11/17

JCMIM1738GB

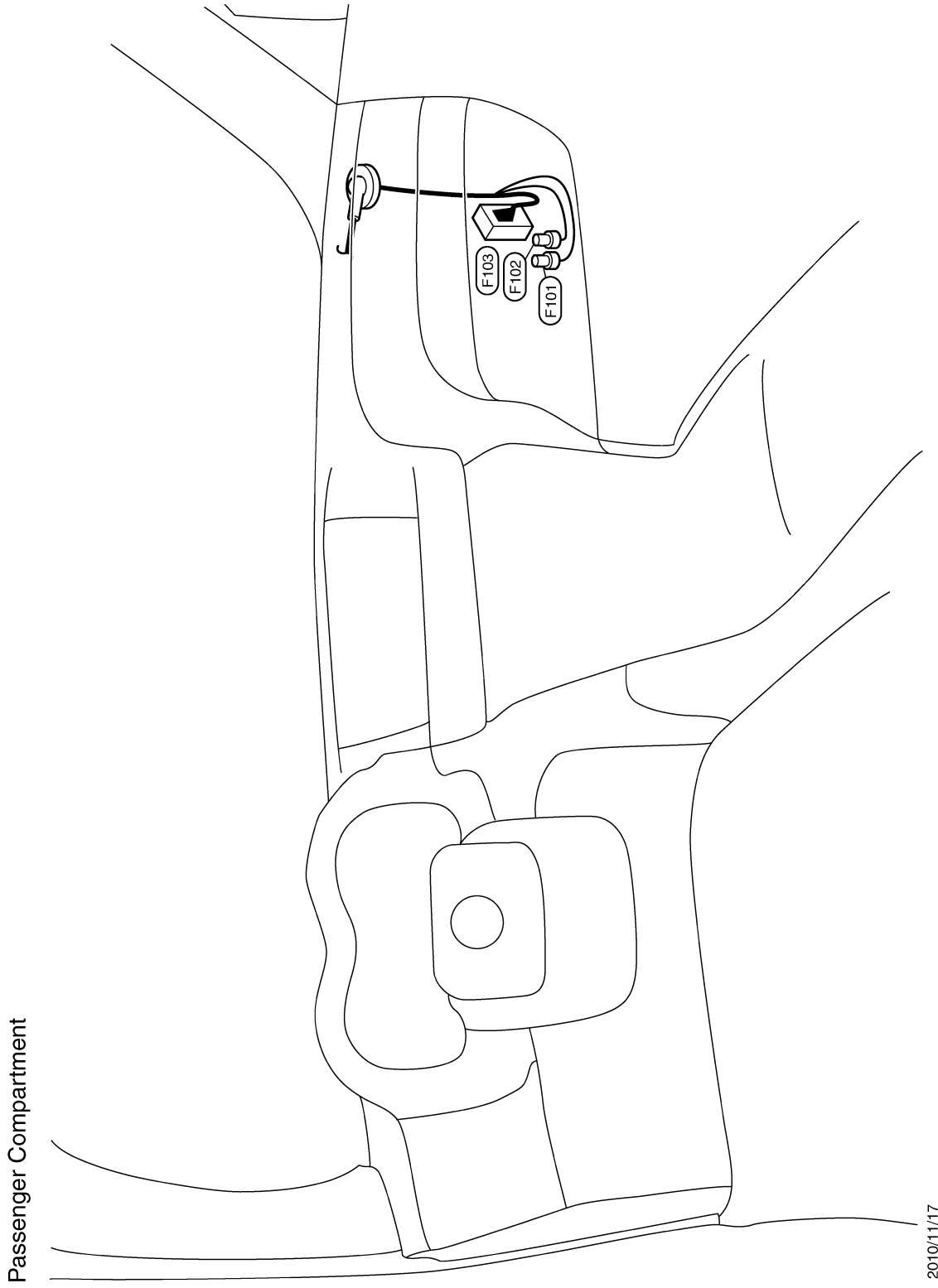
A
B
C
D
E
F
G
H
I
J
K
L
N
O
P

PG

HARNES LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT



Passenger Compartment

2010/11/17

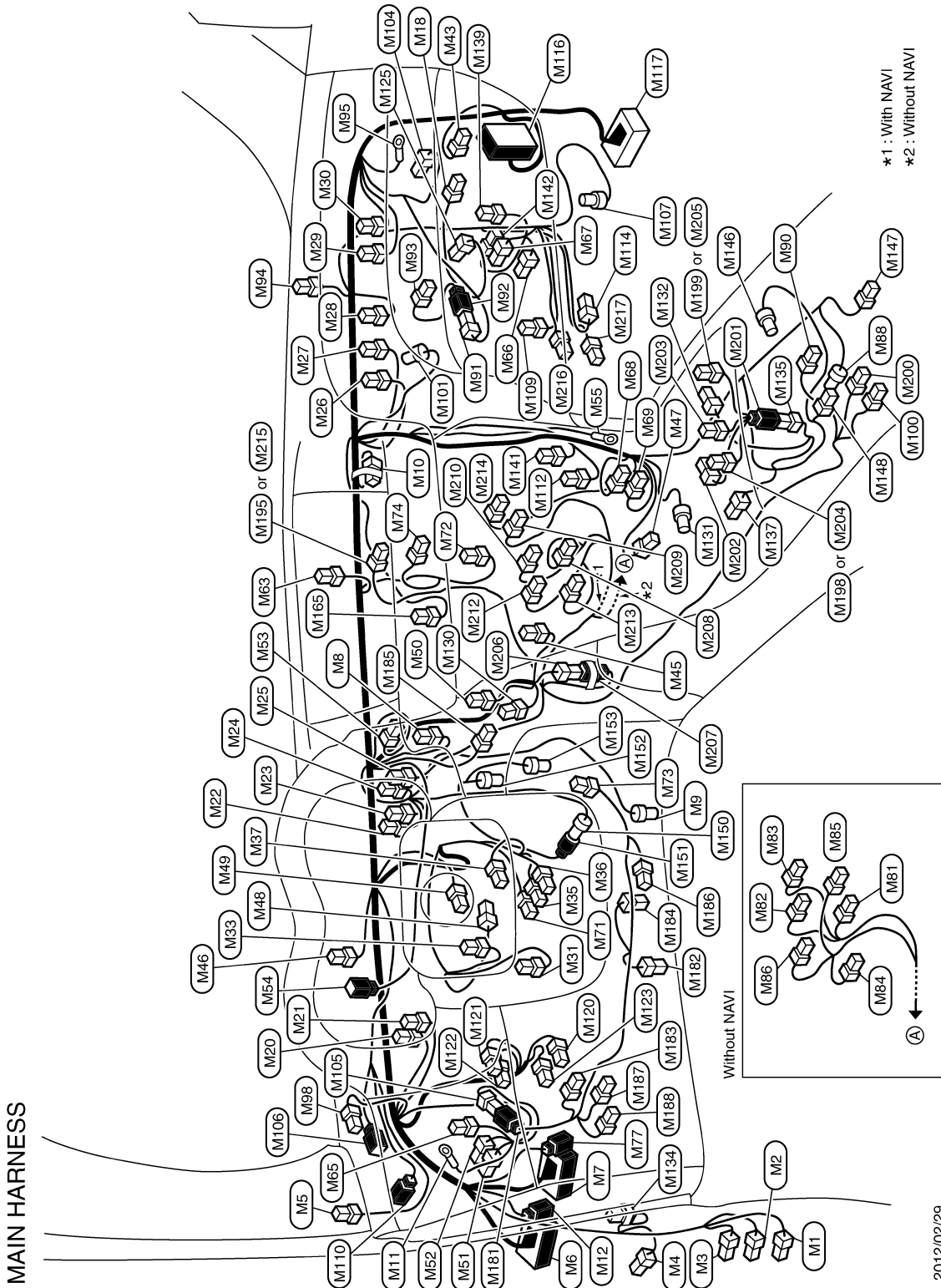
JCMIM1739GB

HARNESS LAYOUT

< WIRING DIAGRAM >

Main Harness

INFOID:000000008144857



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

2012/02/29

JRMIC1460GB

HARNES LAYOUT

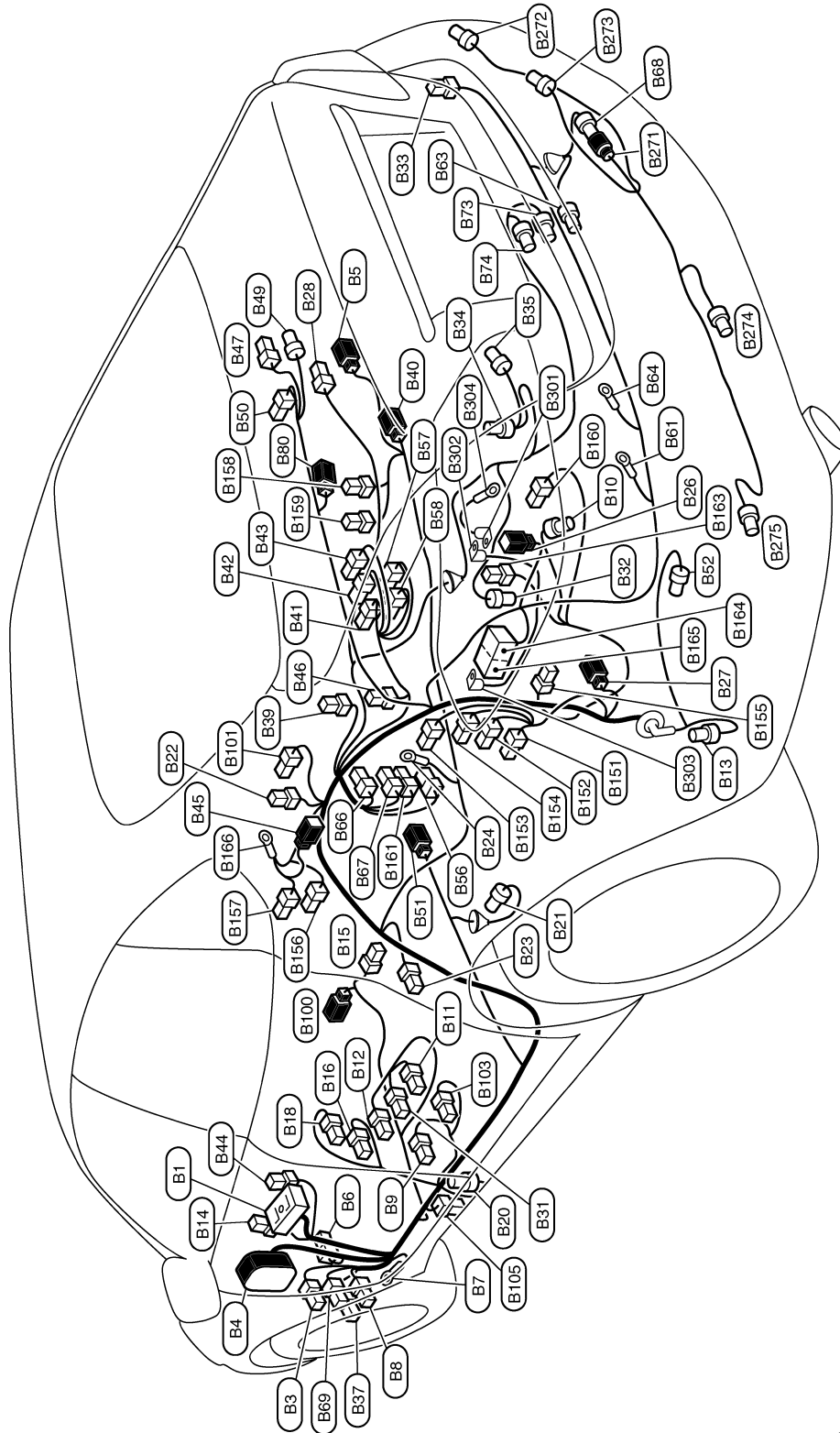
< WIRING DIAGRAM >

Body Harness

INFOID:000000008144858

BODY HARNESS

BODY HARNESS

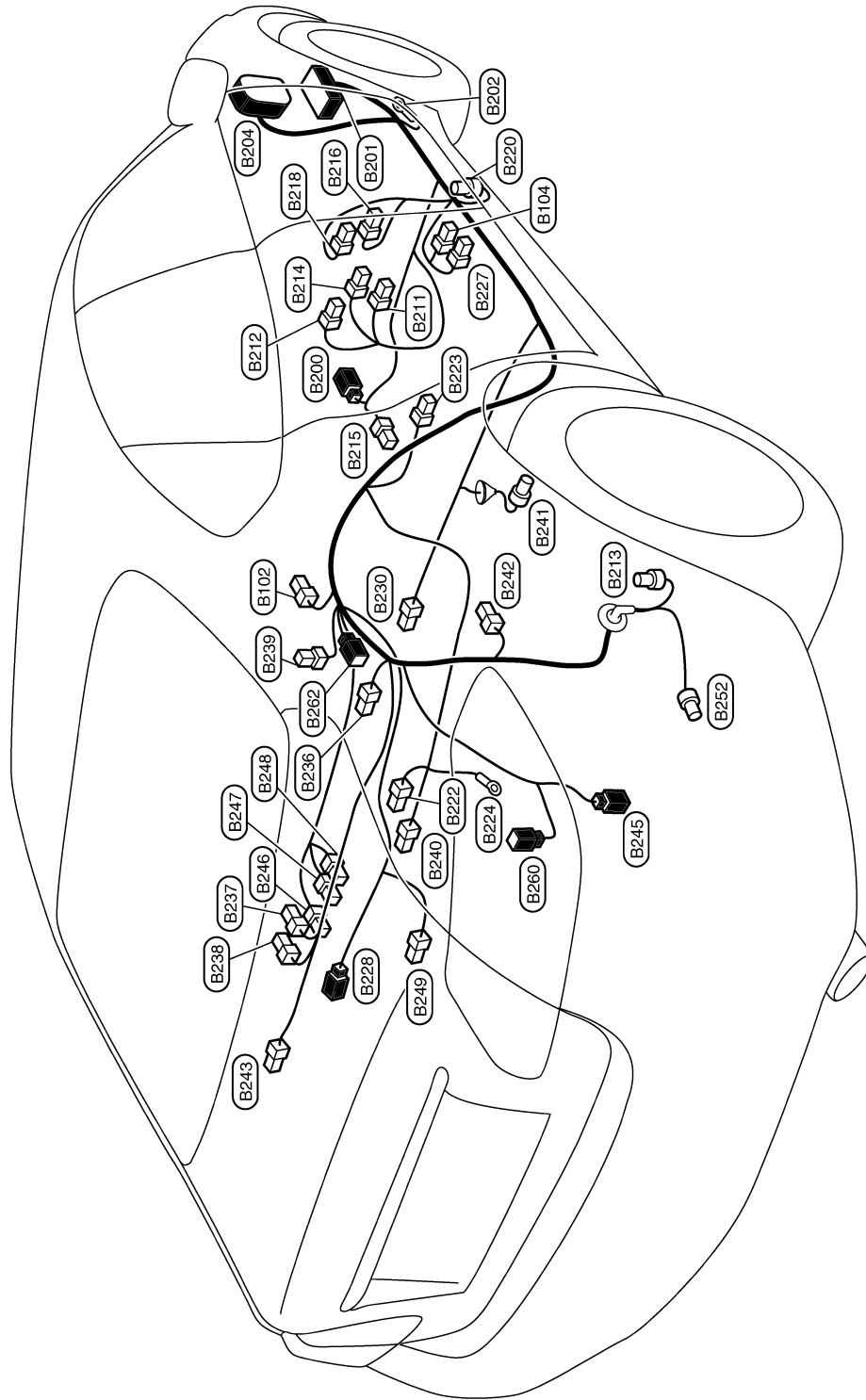


2012/02/29

JRMIC1461GB

HARNES LAYOUT

< WIRING DIAGRAM >
BODY No. 2 HARNESS



BODY No. 2 HARNESS

2012/02/29

JRMIC1462GB

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

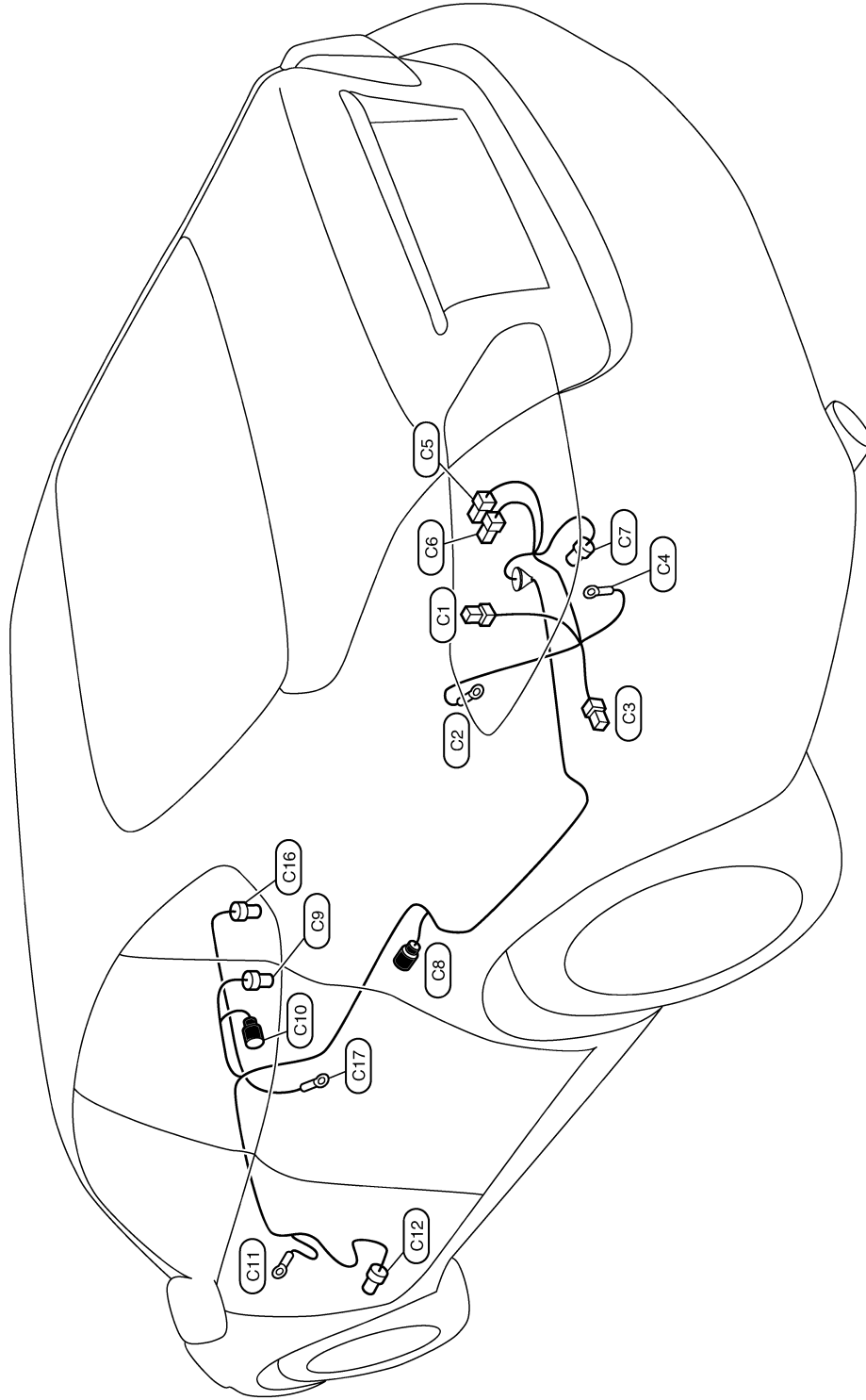
HARNES LAYOUT

< WIRING DIAGRAM >

Chassis Harness

INFOID:000000008144859

CHASSIS HARNESS



2010/11/17

JCMIM1743GB

HARNES LAYOUT

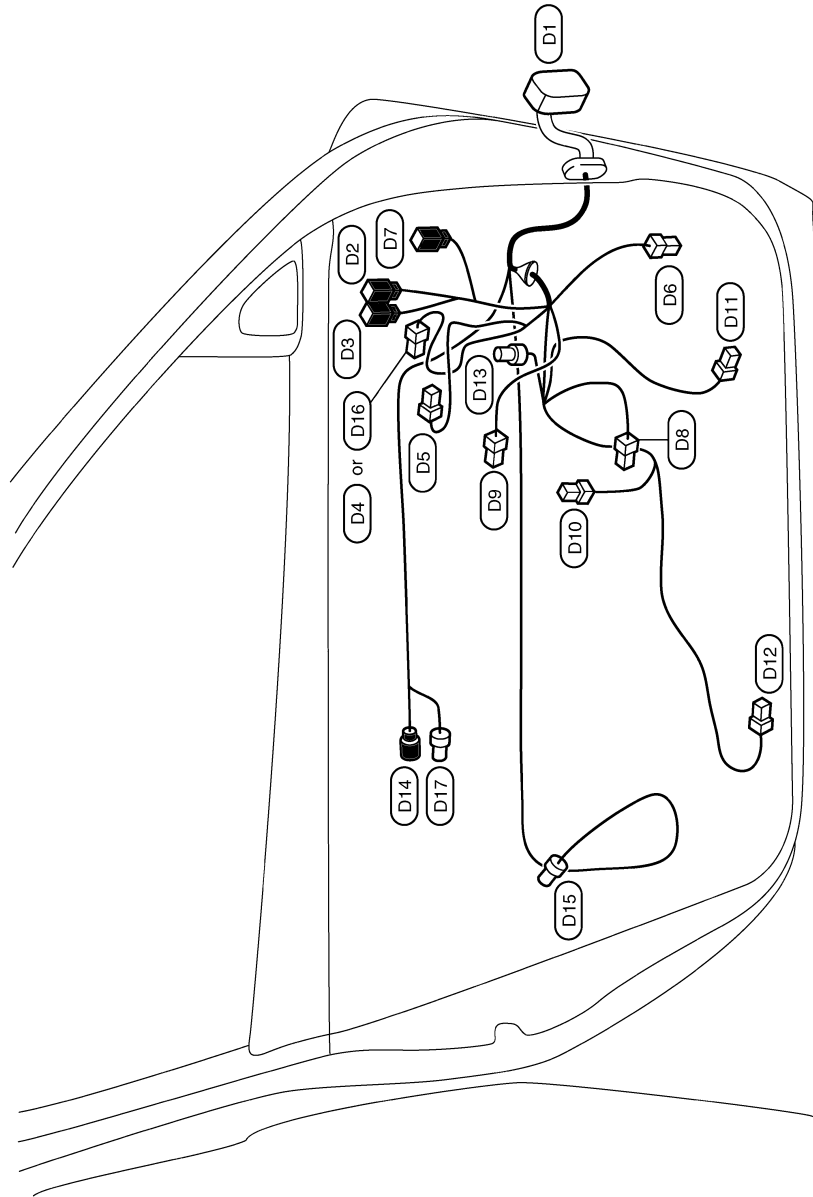
< WIRING DIAGRAM >

Door Harness

INFOID:000000008144860

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



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

PG

2010/02/03

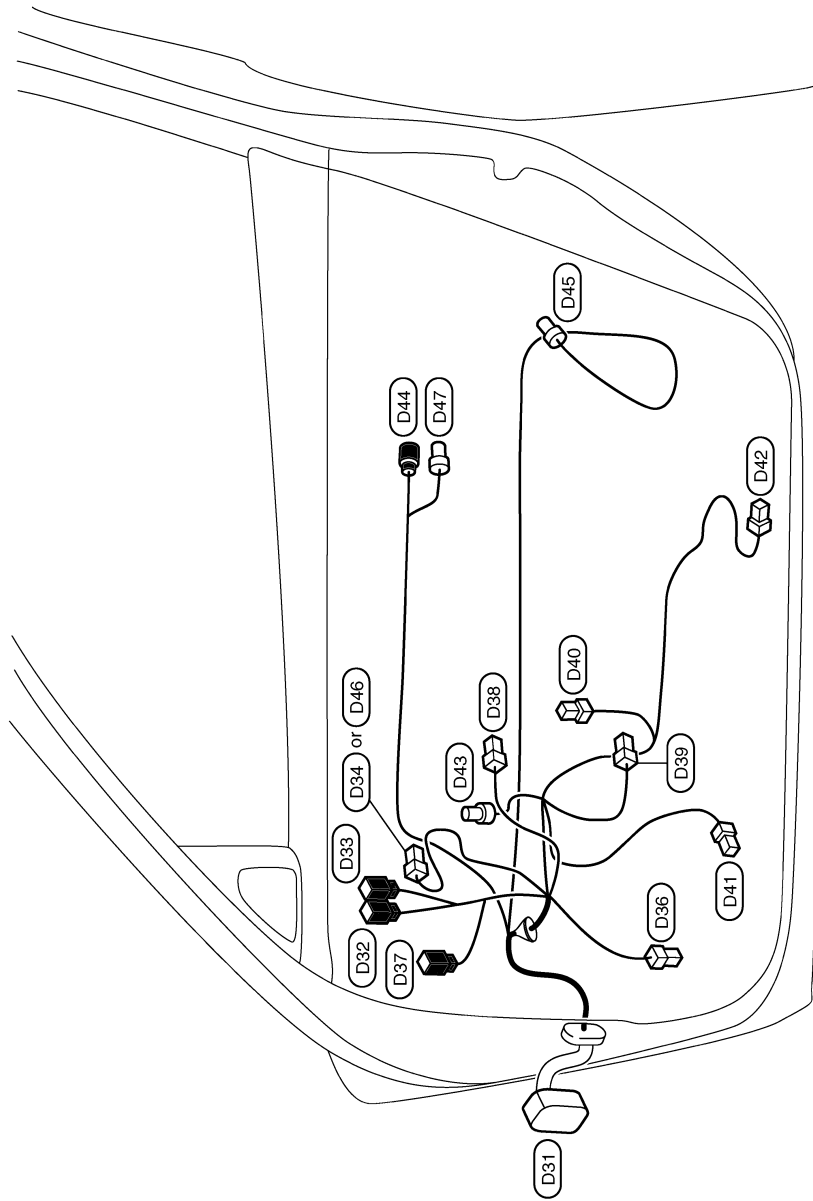
JCMIA0758GB

HARNES LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



2010/02/03

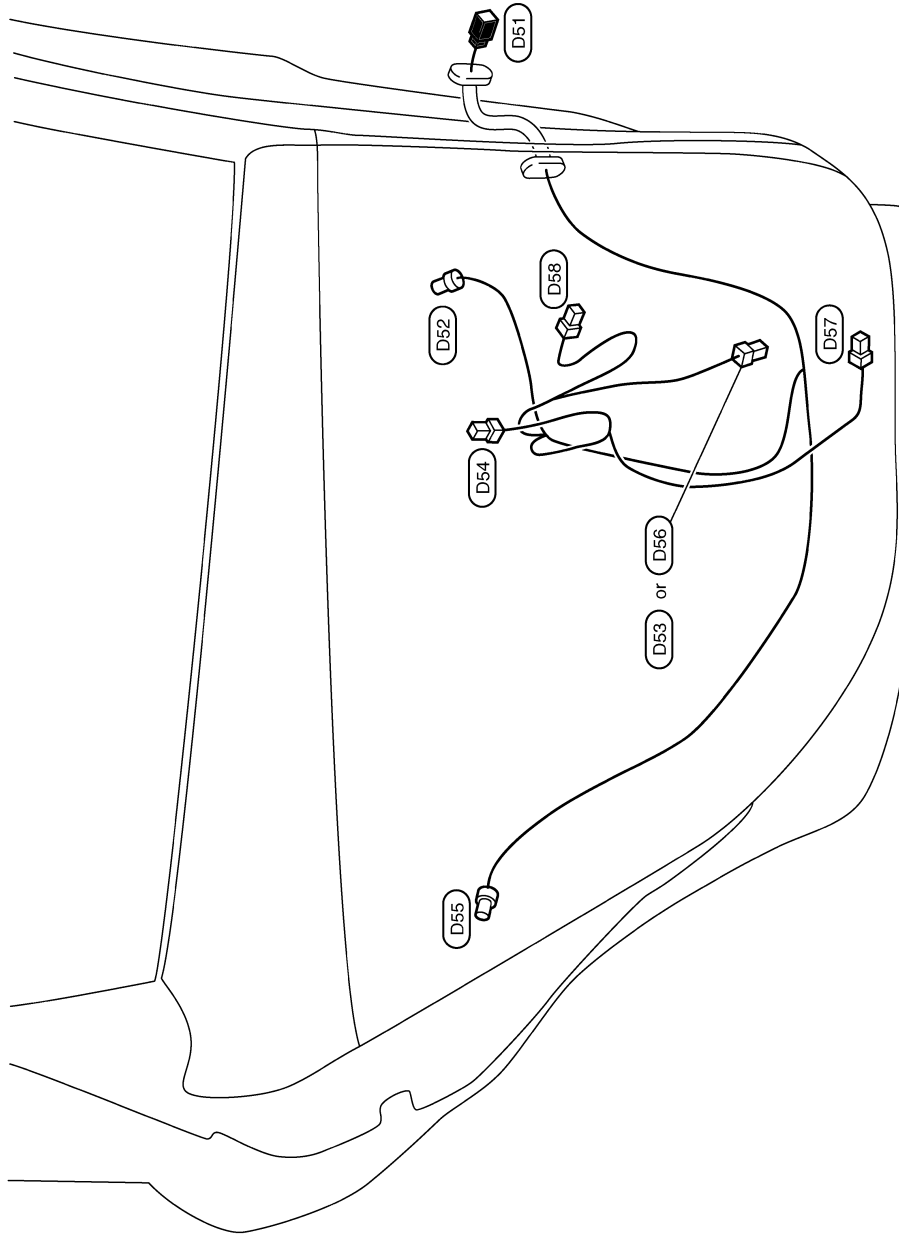
JCMIA0759GB

HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (LH SIDE)

REAR DOOR HARNESS (LH SIDE)



2010/02/03

JCMIA0760GB

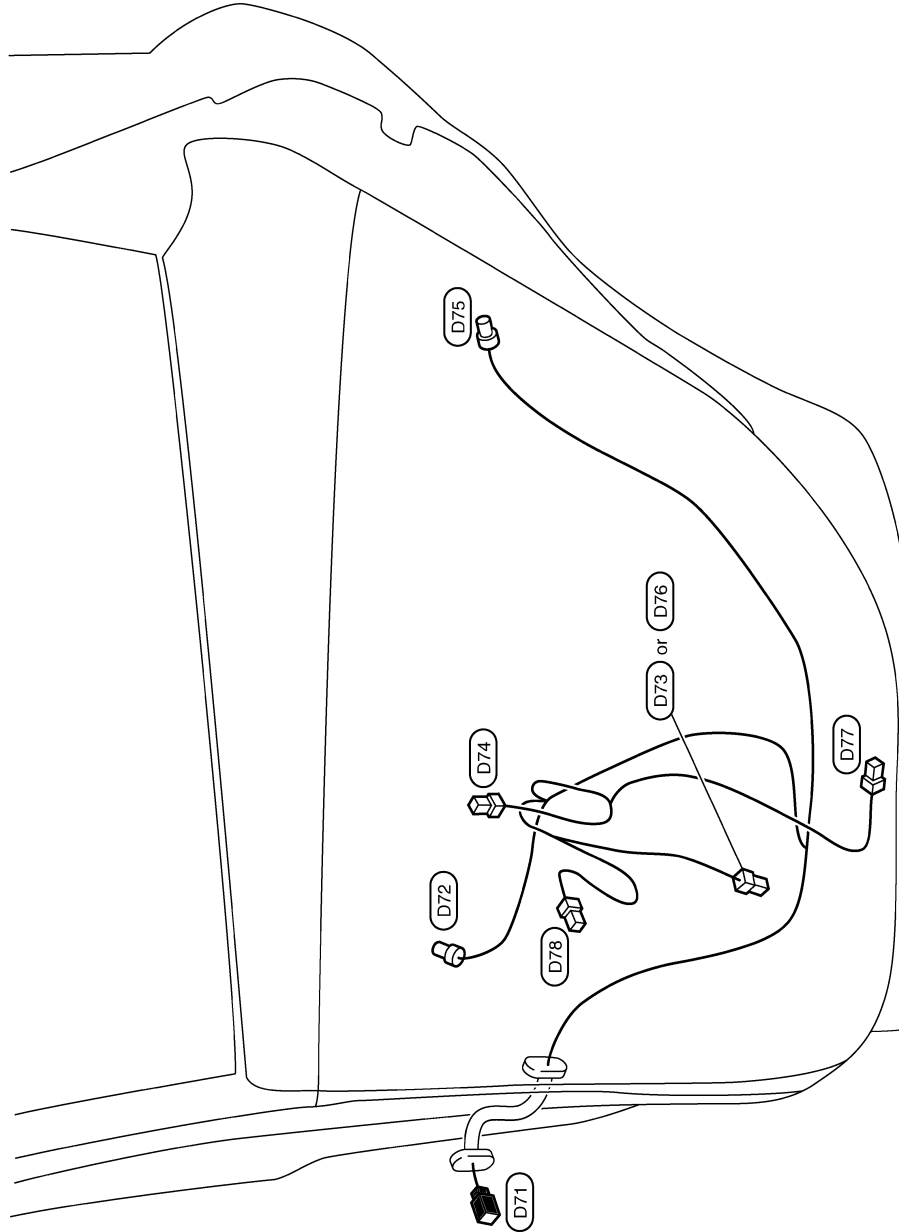
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

HARNES LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (RH SIDE)

REAR DOOR HARNESS (RH SIDE)



2010/02/03

JCMIA0761GB

HARNES LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

INFOID:000000008144861

ROOM LAMP HARNESS



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

2012/02/29

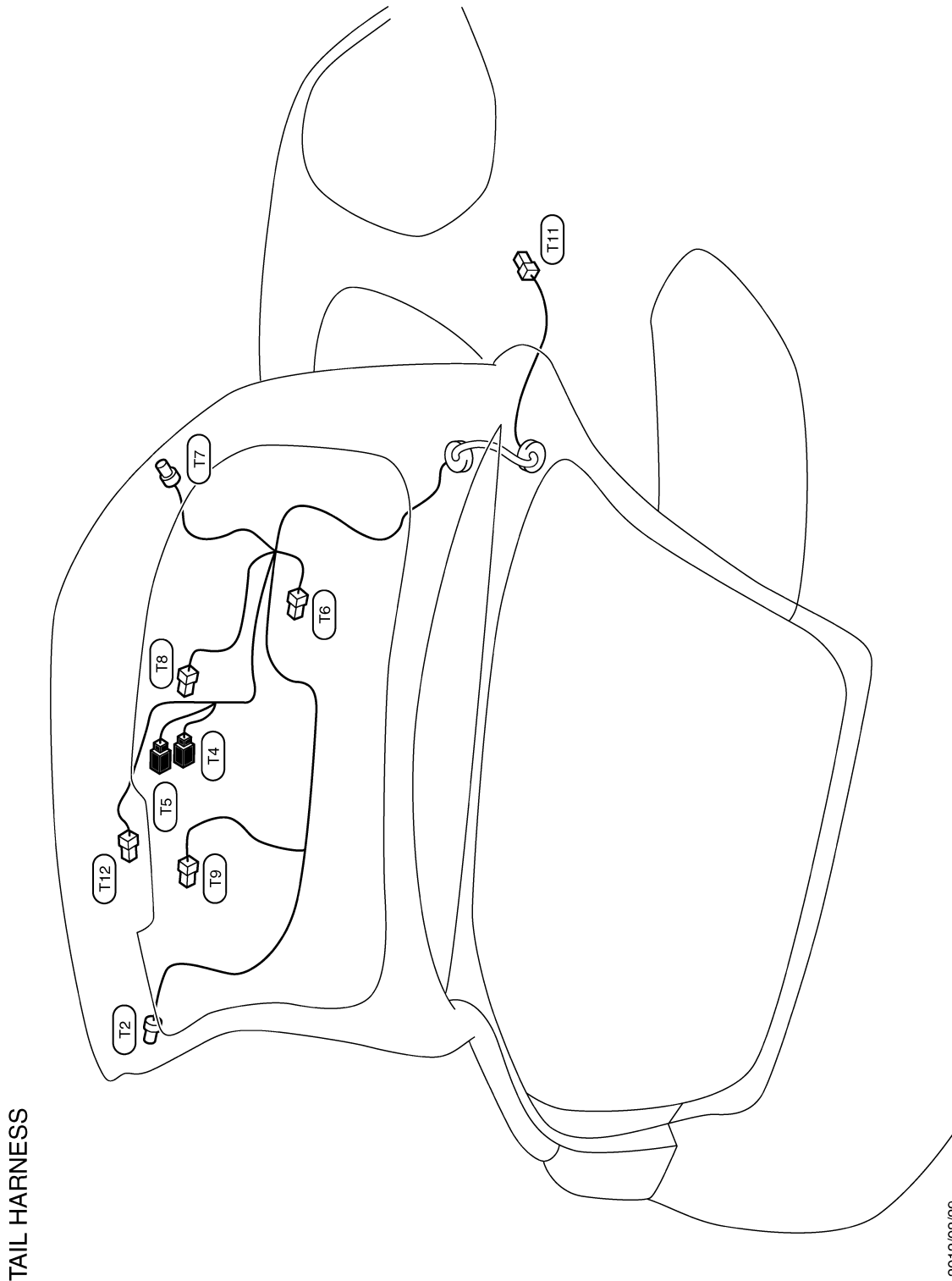
JRMIC1463GB

HARNESS LAYOUT

< WIRING DIAGRAM >

Tail Harness

INFOID:000000008144862



2012/02/29

JRMIC1464GB

CONNECTOR INFORMATION

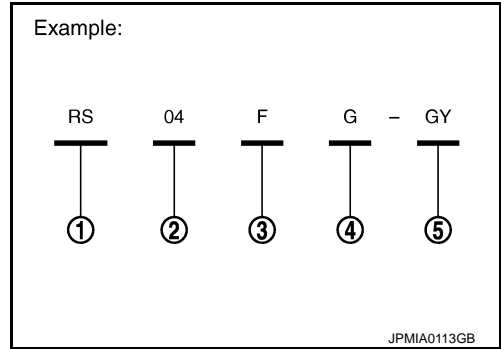
< WIRING DIAGRAM >

CONNECTOR INFORMATION

How to Read Connector Type

INFOID:000000008272233

- 1 : Connector model
- 2 : Cavity
- 3 : Male (M) and female (F) terminals
- 4 : Connector color
- 5 : Special type



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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

B Body Harness

INFOID:000000008272234

BODY HARNESS

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TH8FW-CS16-TM4



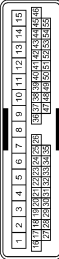
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-
4	LG	-
5	P	-
6	V	-
7	G	-
8	Y	-
9	SB	-
10	V	-
11	GR	- [With Climate controlled seat]
12	P	- [With heated seat]
13	G	- [With heated seat]
14	BR	-
15	O	-
16	V	-
17	B	-
18	R	-
19	W	-
20	R	-
21	B	-
22	LG	-
23	V	-
24	W	-
25	G	-
26	GR	-
27	SB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

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

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



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

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B12
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TR02FY-EK-IV



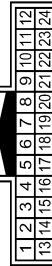
Connector No.	B10
Connector Name	BATTERY CURRENT SENSOR
Connector Type	RR03FB



Connector No.	B8
Connector Name	WIRE TO WIRE
Connector Type	NS1ZFV-CS



Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TR4ZMM-NH



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

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

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

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BR	-
8	GR	-
9	SB	-
11	B	-
12	V	-
24	SB	-

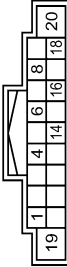
Connector No.	B13
Connector Name	TIRE PRESSURE RECEIVER REAR LH
Connector Type	RR04FB



Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	NS1BFW-CS



Connector No.	B9
Connector Name	PRE-CRASH SEAT BELT CONTROL UNIT DRIVER SIDE
Connector Type	TH18FW-CS2



Connector No.	B6
Connector Name	FUSE BLOCK (L/B)
Connector Type	NS1ZFBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VCC
2	R	RSS1
3	B	SIG
4	G	GND

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

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	SIG BATT
4	P	CAN L0
6	LG	BUCKLE SW LH NO
8	BR	LOCAL COMM 2
14	L	CAN H1
16	Y	LOCAL COMM 1
18	B	SIG CHD
19	Y	MOTOR BAT
20	B	MOTOR GND

Terminal No.	Color of Wire	Signal Name [Specification]
1G	GR	-
2G	V	-
4G	L	-
5G	P	-
6G	G	-
10G	Y	-
11G	Y	-
12G	BG	-

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

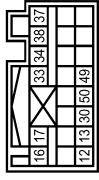
BODY HARNESS

Connector No.	B14
Connector Name	WIRE TO WIRE
Connector Type	TH2FEW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	Y	-
7	O	-
8	LG	-
9	L	-
10	SB	-
11	W	-
12	V	- [With auto dimming mirror]
13	P	- [Without auto dimming mirror]
15	V	-
16	LG	-
18	G	-
19	Y	-
20	BR	-
21	GR	-
22	O	-
23	B	-
24	L	-

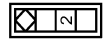
Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH2FEY-2V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
12	P	PLH (+)
13	G	PLH (-)
16	SB	PL2 (+)
17	V	PL2 (-)

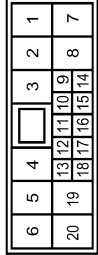
30	O	LH BUCKLE SW INPUT
33	R	SLH (+)
34	L	SLH (-)
37	Y	CLH (+)
38	BR	CLH (-)
49	LG	SATELLITE LH (+)
50	GR	SATELLITE LH (-)

Connector No.	B16
Connector Name	FRONT DOOR SWITCH LH
Connector Type	AG3FW



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

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



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

Connector No.	B20
Connector Name	SATELLITE SENSOR LH
Connector Type	HK02FY-IV-EX-LC



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

Connector No.	B21
Connector Name	FUEL LEVEL SENSOR UNIT (SUB)
Connector Type	EG2FY-RS



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

Connector No.	B22
Connector Name	CONDENSER
Connector Type	MH1FW-LC



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

Connector No.	B23
Connector Name	REAR DOOR SWITCH LH
Connector Type	AG3FW



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

Connector No.	B26
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NS2AMW-CS



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

JRMWD0009GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B27
Connector Name	WIRE TO WIRE
Connector Type	MS8NW-LC



1	2	3
4	5	6

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

Connector No.	B28
Connector Name	WIRE TO WIRE
Connector Type	NS16FBR-CS



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	P	-
5	R	-
7	LG	-
10	GR	-

Connector No.	B31
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS

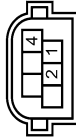


48	47	55	56	57
48	49	50	52	58
53	54			

Terminal No.	Color of Wire	Signal Name [Specification]
46	L	-
47	B/W	-
48	SHIELD	-
49	B/R	-
50	BR	-
52	O	- [With Climate controlled seat] - [With heated seat]
53	Y	- [With Climate controlled seat] - [With heated seat]
53	BR	- [With Climate controlled seat]
53	G	- [With heated seat]
54	P	- [With Climate controlled seat]
54	L	- [With heated seat]
55	G	-
56	GR	-
57	R	-
58	B	-

Connector No.	B32
Connector Name	HEIGHT SENSOR
Connector Type	AAZ06FB1

Connector No.	B34
Connector Name	REAR WHEEL SENSOR LH
Connector Type	RH02FB



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

Connector No.	B33
Connector Name	WIRE TO WIRE
Connector Type	NS16FGY-CS



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

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

1	P	-
2	L	-
3	O	-
4	V	-
5	SB	-
6	W	-
7	R	-
9	O	-
10	P	-
11	R/L	-
12	P/L	-
13	L	-
14	Y	-
16	Y	-

Connector No.	B37
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-RH



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

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

Connector No.	B34
Connector Name	REAR WHEEL SENSOR LH
Connector Type	RH02FB



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

Connector No.	B35
Connector Name	REAR WHEEL SENSOR RH
Connector Type	RH02FGY



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

JRMWD0010GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B39
Connector Name	WIRE TO WIRE
Connector Type	TK02FBR



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

Connector No.	B40
Connector Name	WIRE TO WIRE
Connector Type	NS1DMW-CS

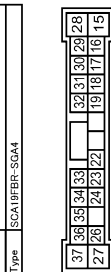


Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	O	-
3	LG	-
4	L	-
5	B/W	-
6	SHIELD	-
9	B	-
10	W	-
11	R	-
12	G	-
13	Y	-
14	BR	-
15	SHIELD	-

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



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



Terminal No.	Color of Wire	Signal Name [Specification]
15	G	AMP. ON SIGNAL
16	G	SOUND SIGNAL REAR DOOR SPEAKER LH (+)
17	W	SOUND SIGNAL FRONT DOOR SPEAKER & TWEETER LH (+)
18	B	SOUND SIGNAL FRONT DOOR SPEAKER & TWEETER LH (-)
19	B/R	SOUND SIGNAL DRIVER SEAT SPEAKER LH (+)
22	L	SOUND SIGNAL DRIVER SEAT SPEAKER RH (+)
23	Y	SOUND SIGNAL PASSENGER SEAT SPEAKER LH (+)
24	R	SOUND SIGNAL REAR DOOR SPEAKER RH (+)
26	O	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (-)
27	O/L	SOUND SIGNAL SATELLITE SPEAKER LH (+)

28	B/R	GND
29	R	SOUND SIGNAL REAR DOOR SPEAKER LH (-)
30	P	SOUND SIGNAL CENTER SPEAKER (-)
31	V	SOUND SIGNAL CENTER SPEAKER (+)
32	BR	SOUND SIGNAL DRIVER SEAT SPEAKER LH (-)
33	B/W	SOUND SIGNAL DRIVER SEAT SPEAKER RH (-)
34	BR	SOUND SIGNAL PASSENGER SEAT SPEAKER LH (-)
35	G	SOUND SIGNAL REAR DOOR SPEAKER RH (-)
36	W/L	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (+)
37	W	SOUND SIGNAL SATELLITE SPEAKER LH (-)

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



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

78	SB	TACHO
79	SHIELD	SHIELD

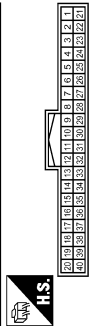
JRMWD0011GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	G	-
3	B	-
4	SB	-
5	Y	-
6	R	-
7	W	-
8	B	-
9	R	- [With BOSE audio]
10	G	- [Without BOSE audio]
11	R	- [With BOSE audio]
12	G	- [Without BOSE audio]
13	G	- [With BOSE audio]
14	V	- [Without BOSE audio]
15	LG	-
16	L	-
17	BR	-
18	Y	-
19	SB	-
20	P	-
21	SB	-
22	B	-
23	W	-
24	R	-
25	R	-
26	SHIELD	-
27	SHIELD	-
28	SHIELD	-
29	D	- [With BOSE audio]
30	SB	- [Without BOSE audio]
31	G	- [With BOSE audio]
32	SHIELD	- [Without BOSE audio]
33	Y	- [With BOSE audio]
34	BR	- [Without BOSE audio]

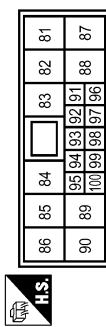
34	LG	- [Without BOSE audio]
35	SHIELD	-
36	L	- [With BOSE audio]
37	GR	- [Without BOSE audio]
38	R	- [With BOSE audio]
39	V	- [Without BOSE audio]
40	SHIELD	-
41	B	- [With BOSE audio]
42	L	- [Without BOSE audio]
43	W	- [With BOSE audio]
44	Y	- [Without BOSE audio]

Connector No.	B45
Connector Name	HIGH-MOUNTED STOP LAMP
Connector Type	TR02MBR-F



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

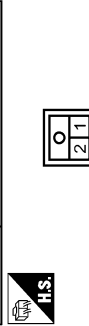
Connector No.	B46
Connector Name	BOSE AMP
Connector Type	NH10FW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
81	L	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (+)
82	B/W	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (-)
83	B/Y	GND
84	Y	BATTERY
85	O	SOUND SIGNAL SATELLITE SPEAKER RH (+)
86	P	SOUND SIGNAL SATELLITE SPEAKER RH (-)
87	G	SOUND SIGNAL SATELLITE SPEAKER LH (+)

88	R	SOUND SIGNAL SATELLITE SPEAKER LH (-)
89	B/Y	GND
90	Y	BATTERY
91	G	AMP ON SIGNAL
92	G	AMP ON SIGNAL
93	BR	SOUND SIGNAL SATELLITE SPEAKER RH (+)
94	B/R	SOUND SIGNAL SATELLITE SPEAKER RH (-)
95	SHIELD	SHIELD
96	O	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (+)
97	W/L	SOUND SIGNAL PASSENGER SEAT SPEAKER RH (-)
98	SHIELD	SHIELD
99	O/L	SOUND SIGNAL SATELLITE SPEAKER LH (+)
100	W	SOUND SIGNAL SATELLITE SPEAKER LH (-)

Connector No.	B47
Connector Name	TRUNK ROOM LAMP
Connector Type	C02FW



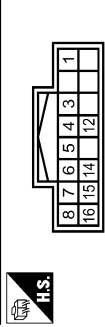
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	P	-

Connector No.	B49
Connector Name	INSIDE KEY ANTENNA (TRUNK ROOM)
Connector Type	FR02FL



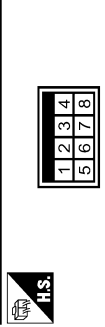
Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	ANT+
2	GR/V	ANT-

Connector No.	B50
Connector Name	ADAS CONTROL UNIT
Connector Type	TH18FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	WARNING SYSTEMS SW
3	BR	IBA OFF SW
4	O	WARNING SYSTEMS ON IND
5	SB	BRAKE HOLD RLY DRIVE SIGNAL
6	B/R	GND
7	L	IT'S COMM-H
8	P	IT'S COMM-L
12	W	WARNING BUZZER
14	L	CAN-H
15	P	CAN-L
16	GR	IGNITION

Connector No.	B51
Connector Name	WIRE TO WIRE
Connector Type	M08MB-LC



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

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B52
Connector Name	SIDE RADAR LH
Connector Type	FA008FB-WP-SP



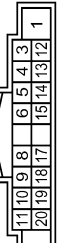
Terminal No.	Color of Wire	Signal Name [Specification]
2	B/Y	GND
3	Y	ITS COMM-L
4	L	ITS COMM-H
5	GR	IGNITION
6	BR	BSW/BSI INDICATOR

Connector No.	B55
Connector Name	SUB ELECTRIC OIL PUMP RELAY
Connector Type	24347 9F900



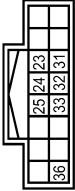
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	O	-
3	L	-
5	R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/R	BATTERY
2	Y	GND
3	Y	SOUND SIGNAL FRONT LH
4	V	SOUND SIGNAL FRONT RH
5	LG	SOUND SIGNAL REAR LH
6	O	SOUND SIGNAL REAR RH
8	W	SOUND SIGNAL FRONT DOOR SPEAKER & SOLARWEER LH
9	BR	SOUND SIGNAL FRONT DOOR SPEAKER & SOLARWEER RH
10	G	SOUND SIGNAL REAR DOOR SPEAKER LH
11	L	SOUND SIGNAL REAR DOOR SPEAKER RH
12	L	SOUND SIGNAL FRONT LH
13	GR	SOUND SIGNAL FRONT RH
14	W	SOUND SIGNAL REAR LH
17	B	SOUND SIGNAL FRONT DOOR SPEAKER & SOLARWEER LH
18	Y	SOUND SIGNAL FRONT DOOR SPEAKER & SOLARWEER RH
19	R	SOUND SIGNAL REAR DOOR SPEAKER LH
20	B/W	SOUND SIGNAL REAR DOOR SPEAKER RH

Connector No.	B58
Connector Name	ACTIVE NOISE CONTROL UNIT
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
23	Y	FRONT RESPONSE FOR ACTIVE NOISE CONTROL SYSTEM
24	L	REAR RESPONSE FOR ACTIVE NOISE CONTROL SYSTEM
25	P	STEP LAMP CONTROL
31	BR	FRONT RESPONSE FOR ACTIVE NOISE CONTROL SYSTEM

32	LG	REAR MICROPHONE FOR ACTIVE NOISE CONTROL SYSTEM
33	SB	TACHO
38	V	ACC



Connector No.	B63
Connector Name	OUTSIDE KEY ANTENNA (REAR BUMPER)
Connector Type	RK02FL



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

Connector No.	B65
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M06FBR-R-LC



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

Connector No.	B67
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-MP-LC



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

Connector No.	B68
Connector Name	WIRE TO WIPE
Connector Type	RH08FB



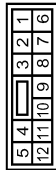
Terminal No.	Color of Wire	Signal Name [Specification]
2	B	-
3	W	-
4	R	-
5	G	-
6	Y	-

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B189
Connector Name	WIRE TO WIRE
Connector Type	NS1ZFBP-CS



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

Connector No.	B73
Connector Name	EVAP CONTROL SYSTEM PRESSURE SENSOR
Connector Type	EG3F3Y-RS



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

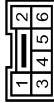
Connector No.	B74
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	EG2FB-RS



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



Connector No.	B80
Connector Name	WIRE TO WIRE
Connector Type	TK08MW-1V



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

Connector No.	B81
Connector Name	WIRE TO WIRE
Connector Type	TK08FW-1V



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

Connector No.	B82
Connector Name	REAR SUNSHADE CONTROL UNIT
Connector Type	AMP 17482Z-1



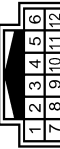
Terminal No.	Color of Wire	Signal Name [Specification]
1	R/W	+IG
2	BR	GND
4	L	SWITCH (13.5V) : UP / DOWN
6	P	REVERSE

Connector No.	B83
Connector Name	REAR SUNSHADE CONTROL UNIT
Connector Type	AMP 17483Z-1



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

Connector No.	B100
Connector Name	WIRE TO WIRE
Connector Type	TH12MM-NH



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

1	LG	-
2	V	-
3	SHIELD	-
4	G	-
5	R	-
6	SHIELD	-
10	W/L	-
11	W/R	-
12	SHIELD	-

Connector No.	B101
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	ACB02FY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	INF CURTAIN LH*
2	BR	INF CURTAIN LH*

Connector No.	B102
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACB02FY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	INF CURTAIN RH*
2	BR	INF CURTAIN RH*

JRMWD0014GB

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


PG

CONNECTOR INFORMATION

< WIRING DIAGRAM >


BODY HARNESS

Connector No.	B103
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACB02FY




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

Connector No.	B104
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACB02FY



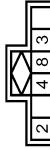
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	L	-

Connector No.	B105
Connector Name	LAP PRE-TENSIONER LH
Connector Type	ACB02FDR




Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	ELELR2*
2	V	ELELR2*

Connector No.	B151
Connector Name	SUB ELECTRIC OIL PUMP INVERTER
Connector Type	AB0FW




Terminal No.	Color of Wire	Signal Name [Specification]
2	R	POWER SUPPLY (GN)
3	O	SUB ELECTRIC OIL PUMP RELAY
4	L	HEV SYSTEM CAN-H
8	P	HEV SYSTEM CAN-L

Connector No.	B152
Connector Name	SUB ELECTRIC OIL PUMP INVERTER
Connector Type	SMA02FW




Terminal No.	Color of Wire	Signal Name [Specification]
5	B/Y	GND
6	R	POWER SUPPLY (BAT)

Connector No.	B153
Connector Name	SUB ELECTRIC OIL PUMP INVERTER
Connector Type	LG02S-NC




Terminal No.	Color of Wire	Signal Name [Specification]
10		
7		

Connector No.	B154
Connector Name	SUB ELECTRIC OIL PUMP INVERTER
Connector Type	LG0FL




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

Connector No.	B155
Connector Name	BRAKE POWER SUPPLY BACKUP UNIT
Connector Type	TB04FW-TM4




Terminal No.	Color of Wire	Signal Name [Specification]
1	B/Y	GND
2	R	B-OUT
3	W	B-IN
4	Y	LIN
6	BR	D.L.C. WAKEUP

Connector No.	B156
Connector Name	CONDENSER
Connector Type	PG1FB-A



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

Connector No.	B157
Connector Name	CONDENSER
Connector Type	PG1FB-A



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

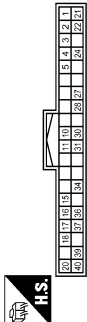
JRMWD0015GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B158
Connector Name	HPCM
Connector Type	TH40FW-NH



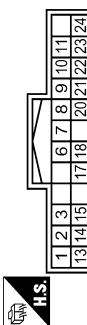
Connector No.	B159
Connector Name	HPCM
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	APP SENSOR 1
2	B	SENSOR GROUND
3	W	DC/DC CONVERTER PRECHARGE SIGNAL
4	Y	SENSOR GROUND
5	SB	ASC/D/ACC STEERING SWITCH
10	G	SENSOR POWER SUPPLY
11	W	SYSTEM MAIN RELAY 2
15	GR	SELF SHUT OFF RELAY
16	V	POWER SUPPLY FOR HPCM
17	BR	POWER SUPPLY FOR HPCM
18	BR	POWER SUPPLY FOR HPCM
20	B/R	HPCM GROUND
21	W	SENSOR GROUND [With memory backup]
22	L	SENSOR GROUND [Without memory backup]
24	LG	CLUTCH 11 STROKE SENSOR
27	B	SENSOR GROUND
28	Y	APP SENSOR 2 [With memory backup]
29	W	APP SENSOR 2 [Without memory backup]
30	BR	DC/DC CONVERTER VOLTAGE STABILIZER SIGNAL
31	L	SENSOR POWER SUPPLY
34	O	SYSTEM MAIN RELAY 1
36	P	IGN SIGNAL
37	R	BATTERY VOLTAGE
38	B/R	HPCM GROUND
40	B/R	HPCM GROUND

Terminal No.	Color of Wire	Signal Name [Specification]
42	L	HEV SYSTEM CAN-H
43	L	CAN-H
44	SB	READY SIGNAL
45	V	INTER LOCK SWITCH SIGNAL
46	W	STOP LAMP SWITCH
48	G	ELECTRIC WATER PUMP (FEED BACK)
49	Y	SERVICE PLUG
54	P	HEV SYSTEM CAN-L
55	P	CAN-L
58	B	TRANSMISSION RANGE SWITCH
59	O	BRAKE SWITCH
61	R	ELECTRIC WATER PUMP

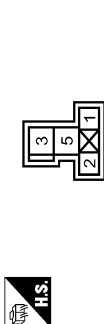
Connector No.	B160
Connector Name	Li-ION BATTERY
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	STO
2	B/Y	CRD 1
3	L	HEVCAN-H
6	B	BAT
7	SB	RCOT
8	SB	RCOT
9	W	SRR-P
10	SB	SDSW (-)
11	O	RLY 1 V
13	V	VMO

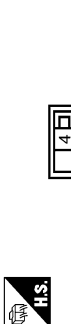
14	B/Y	GND 2
15	P	HEVCAN-L
17	R	FCTL
18	P	VIGN
20	BR	VLO
21	LG	NODD
22	Y	SDSW (-)
23	GR	RLY 2 V
24	B/Y	RLY GND

Connector No.	B161
Connector Name	BATTERY COOLING FAN RELAY
Connector Type	MS02FL-MZ-LC



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

Connector No.	B163
Connector Name	BATTERY TERMINAL WITH FUSEBLE LINK
Connector Type	LOGFDY-MG



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

Connector No.	B200
Connector Name	WIRE TO WIRE
Connector Type	TH18MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	
2	SHIELD	
3	GR/V	
4	SHIELD	
5	B	
6	W	
7	R	
8	G	
9	SHIELD	
10	L/R	- [With NAV]
10	R	- [Without NAV]
11	L/W	- [With NAV]
11	B	- [Without NAV]
12	L	- [With NAV]
12	W	- [Without NAV]
13	SHIELD	
14	R	
15	W	
16	B	

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

JRMWD0016GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

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



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

53	O	-
54	R	- [With Climate controlled seat]
54	B	- [With heated seat]
55	Y	-
56	G	-
57	V	-
58	B	- [With Climate controlled seat]
58	GR	- [With heated seat]

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TK02FY-EK-IV



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

Connector No.	B213
Connector Name	TIRE PRESSURE RECEIVER REAR RH
Connector Type	RIHQ4FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	VCC
2	W	RSSI
3	C	SLG
4	B	GND

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

Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	TK10FW-NS8



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	B	-
35	L	-
40	LG	-
41	B	-
46	Y	-
47	BR	-
48	SHIELD	-
48	B	-
50	B/W	-
52	SB	-

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

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
2	B/W	-
3	B/W	-
5	Y	-
8	R	-
10	P	-
11	Y	-
12	Y	-

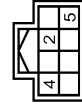
JRMWD0017GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

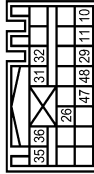
BODY HARNESS

Connector No.	BZ24
Connector Name	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
Connector Type	TH8BFW-NH



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

Connector No.	BZ15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH2ZFY-IV-EX



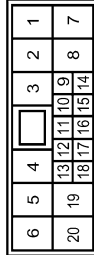
Terminal No.	Color of Wire	Signal Name [Specification]
10	W	PRH (+)
11	L	PRH (-)
26	V	OOS INPUT
28	SB	RH BUCKLE SW INPUT
31	LG	SRH (+)
32	B	SRH (-)
35	Y	CPH (+)
36	BR	CPH (-)
47	G	SATELLITE RH (+)
48	R	SATELLITE RH (-)

Connector No.	BZ16
Connector Name	FRONT DOOR SWITCH RH
Connector Type	AC3FW



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

Connector No.	BZ18
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10



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

Connector No.	BZ20
Connector Name	SATELLITE SENSOR RH
Connector Type	HK0ZFY-IV-EX-1C



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

Connector No.	BZ22
Connector Name	WIRE TO WIRE
Connector Type	TH24FW-NH



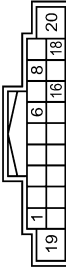
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	V	-
8	G	-
9	L	-
11	W	-
12	P	-
24	SB	-

Connector No.	BZ23
Connector Name	REAR DOOR SWITCH RH
Connector Type	AC3FW



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

Connector No.	BZ27
Connector Name	PRE-OPERATOR SELECT CONTROL UNIT (PASSENGER SIDE)
Connector Type	TH18FW-CSZ



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

JRMWD0018GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B228
Connector Name	WIRE TO WIRE
Connector Type	NS18MR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	
2	Y	
5	R	
7	LG	
10	G	

Connector No.	B230
Connector Name	WIRE TO WIRE
Connector Type	M8FBF-LC



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

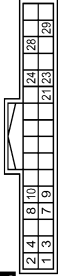
Connector No.	B238
Connector Name	SATELLITE RADIO TUNER
Connector Type	A18FW



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	
4	BR	
6	Y	
8	R	
10	LG	
12	G	
14	W	
16	B	

1	G	SATELLITE RADIO SOUND SIGNAL LH (-)
2	R	SATELLITE RADIO SOUND SIGNAL LH (+)
3	W	SATELLITE RADIO SOUND SIGNAL RH (-)
4	B	SATELLITE RADIO SOUND SIGNAL RH (+)
5	SHIELD	SHIELD
6	SHIELD	SHIELD
8	R	REQUEST (SAT->CONT)
9	B	COMM (SAT->CONT)
10	W	COMM (CONT->SAT)
12	Y	BATTERY
16	B	ACC

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



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

Connector No.	B238
Connector Name	TEL ADAPTER UNIT
Connector Type	TH88FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
35	GR	AV COMM (RH)
36	SB	AV COMM (L)

Connector No.	B239
Connector Name	SATELLITE SPEAKER RH
Connector Type	TH02FBR



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

Connector No.	B240
Connector Name	WIRE TO WIRE
Connector Type	NS18FW-CS



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

3	P	
4	Y	
5	BR	
6	SHIELD	
9	BR	
10	Y	
11	P	
12	O	
13	L	
14	B/W	
15	SHIELD	

Connector No.	B241
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP WARM
Connector Type	EG8F8Y-RS



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

Connector No.	B242
Connector Name	FUEL LID LOCK ACTUATOR
Connector Type	M88FW-LC





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

CONNECTOR INFORMATION

< WIRING DIAGRAM >



BODY HARNESS

Connector No.	B243
Connector Name	REAR WOOFER
Connector Type	M02FW-LC



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

Connector No.	B245
Connector Name	WIRE TO WIRE
Connector Type	NS10M0Y-GS



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	O	-
3	Y	-
4	LG	-
5	G	-
6	L	-
7	R	-
8	V	-
9	Y	-
10	P	-
11	R/L	-
12	P/L	-
13	L	-
14	Y	-
15	Y	-
16	Y	- [With Climate controlled seat]
16	O	- [With heated seat]

Connector No.	B246
Connector Name	STOP LAMP OFF RELAY 1
Connector Type	M503FEP-AM2-LC



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

Connector No.	B247
Connector Name	STOP LAMP OFF RELAY 2
Connector Type	M502FEL-AM2-LC



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

Connector No.	B248
Connector Name	ICG BRAKE HOLD RELAY
Connector Type	M502FEL-AM2-LC



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

Connector No.	B249
Connector Name	BATTERY COOLING FAN
Connector Type	NS030FW-M3

Terminal No.	Color of Wire	Signal Name [Specification]
2	B/R	GND
4	LG	VM
5	G	SI
6	L	IGN

Connector No.	B252
Connector Name	SIDE RADAR RH
Connector Type	MAC08FEP-HP

Terminal No.	Color of Wire	Signal Name [Specification]
1	B/R	RIGHT / LEFT SWITCHING SIGNAL
2	B/R	GND
3	Y	ITS COMM-L
4	L	ITS COMM-H
5	G	IGNITION
6	BR	BSW/BSI INDICATOR

Connector No.	B250
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS03AMW-CS




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

JRMWD0020GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS		
Connector No.	B622	
Connector Name	WIRE TO WIRE	
Connector Type	NS16MM-CS	
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	GR	-
3	W	-
4	W	-
5	W	-
6	R	-
7	B	-
8	B	-
9	O	-
10	B/R	-
11	L	- [With NAV]
12	L/W	- [Without NAV]
13	L/R	- [With NAV]
14	B/R	- [Without NAV]
15	Y	-
Connector No.	B271	
Connector Name	WIRE TO WIRE	
Connector Type	RH06MB	
Terminal No.	Color of Wire	Signal Name [Specification]
2	B	-
3	W	-
4	R	-
5	G	-
6	Y	-
Connector No.	B623	
Connector Name	CORNER SENSOR REAR RH	
Connector Type	YDX02FB	
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	SIGNAL
2	Y	GND
Connector No.	B272	
Connector Name	CORNER SENSOR REAR RH	
Connector Type	YDX02FB	
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	SIGNAL
2	Y	GND
Connector No.	B624	
Connector Name	CORNER SENSOR REAR LH	
Connector Type	YDX02FB	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	SIGNAL
2	Y	GND
Connector No.	B273	
Connector Name	CORNER SENSOR REAR LH	
Connector Type	YDX02FB	
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	SIGNAL
2	Y	GND
Connector No.	B625	
Connector Name	CORNER SENSOR REAR LH	
Connector Type	YDX02FB	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	SIGNAL
2	Y	GND
Connector No.	B302	
Connector Name	BATTERY TERMINAL WITH FUSELE LINK	
Connector Type	-	
Terminal No.	Color of Wire	Signal Name [Specification]
5	B/Y	-
6	Y	-
Connector No.	B630	
Connector Name	FUSE AND FUSELE LINK BLOCK No. 3	
Connector Type	-	
Terminal No.	Color of Wire	Signal Name [Specification]
2	B/Y	-
Connector No.	B304	
Connector Name	LI-ION BATTERY	
Connector Type	-	
Terminal No.	Color of Wire	Signal Name [Specification]
25	B/DGY	-
Connector No.	B640	
Connector Name	DC/DC CONVERTER	
Connector Type	YZK 1283-8882	
Terminal No.	Color of Wire	Signal Name [Specification]
5	L/Y	COOLING MODE REQUEST SIGNAL
6	W/B	AIR CONDITIONING SEAT RELAY

JRMWD0021 GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS		
Connector No.	B461	
Connector Name	DC/DC CONVERTER	
Connector Type	SWS 6098-3318	
Terminal No.	Color of Wire	Signal Name [Specification]
7	O	HIGH VOLTAGE (+)
10	O	HIGH VOLTAGE FOR PRECHARGE (-)
14	O	HIGH VOLTAGE (-)
Connector No.	B474	
Connector Name	TEL ADAPTER UNIT	
Connector Type	GT16C-1S-HU	
Terminal No.	Color of Wire	Signal Name [Specification]
33	-	TEL ANTENNA
34	SHIELD	SHIELD
Connector No.	B482	
Connector Name	SATELLITE RADIO TUNER	
Connector Type	FAKRA	
Terminal No.	Color of Wire	Signal Name [Specification]
33	-	SATELLITE RADIO ANTENNA
34	SHIELD	SHIELD
Connector No.	B472	
Connector Name	REAR WINDOW DEFOGGER	
Connector Type	P01FB-A	
Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
Connector No.	B483	
Connector Name	SATELLITE RADIO ANTENNA	
Connector Type	GT16C-1PP-HU	
Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	SHIELD	-
Connector No.	B500	
Connector Name	WIRE TO WIRE	
Connector Type	NS12MW-CS	
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
23	P	-
24	P/L	-
25	G/O	-
26	L/O	-
27	V	-
28	V/W	-
29	L	-
30	BR	-
31	BR/W	-
32	W/L	-
35	W/Y	-
40	W/G	-
41	GR	-
Connector No.	B503	
Connector Name	WIRE TO WIRE	
Connector Type	NS12MW-CS	
Terminal No.	Color of Wire	Signal Name [Specification]
46	R	-
47	G	-
48	P/Y	-
49	P	-
50	L	-
52	L/B	- [With Climate controlled seat]
52	R	- [With heated seat]
Connector No.	B507	
Connector Name	RECLINING MOTOR	
Connector Type	SUMITOMO 61B9-0265	
Terminal No.	Color of Wire	Signal Name [Specification]
5	V	-
6	R/L	-
20	R/Y	-
33	W	-
43	B/W	-
Connector No.	B510	
Connector Name	LIFTING MOTOR (REAR)	
Connector Type	Type 868182	
Terminal No.	Color of Wire	Signal Name [Specification]
7	L	-
8	L/W	-
21	L/Y	-
44	Y/G	-

JRMWD0022GB

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

PG

CONNECTOR INFORMATION

< WIRING DIAGRAM >

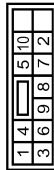
BODY HARNESS

Connector No.	B512
Connector Name	LIFTING MOTOR (FRONT)
Connector Type	Type 985182



Terminal No.	Color of Wire	Signal Name [Specification]
9	L/R	-
10	L/B	-
22	BR/Y	-
45	P/B	-

Connector No.	B513
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS1ZFW-CS



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

Connector No.	B514
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	TH3ZFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
11	G/B	SLIDE SW (BACKWARD)
12	G/W	SLIDE SW (FORWARD)
13	R/G	RECLINER SW (BACKWARD)
14	R/W	RECLINER SW (FORWARD)
15	Y/B	REAR LIFTER SW (DOWNWARD)
16	Y/R	REAR LIFTER SW (UPWARD)
17	LG/B	RECLINER SW (BACKWARD)
18	LG/R	FRONT LIFTER SW (UPWARD)
19	G/Y	PULSE (SLIDE)
20	R/Y	PULSE (REAR LIFTER)
21	Y	PULSE (FRONT LIFTER)
22	R	PULSE (FRONT LIFTER)
23	P	CAN-H
24	P/L	CAN-L
25	G/O	IND 1
26	L/O	IND 2
27	V	ADDRESS 1
28	V/W	ADDRESS 2
29	L	SET SW
30	BR	PULSE (TILT)
31	BR/W	PULSE (TELESCOPIC)
32	W/L	UART (TX/RX)
33	W	POWER SUPPLY (ENCODER)

Connector No.	B515
Connector Name	LIFTING SENSOR CONTROL UNIT
Connector Type	YAZAKI 1183-6066



Terminal No.	Color of Wire	Signal Name [Specification]
33	W	-
79	R	-
80	L/Y	-
81	BR/Y	-
82	Y	-
83	B	-

Connector No.	B516
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS04FW-CS



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

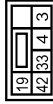
Connector No.	B518
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	B	-
11	G/B	-
12	G/W	-
13	R/G	-
14	R/W	-
15	Y/B	-
16	Y/R	-
17	LG/B	-

Terminal No.	18	Color of Wire	LG/R	Signal Name [Specification]	-
--------------	----	---------------	------	-----------------------------	---

Connector No.	B519
Connector Name	SLIDING MOTOR
Connector Type	YAZAKI 1283-1060



Terminal No.	Color of Wire	Signal Name [Specification]
3	G	-
4	G/R	-
19	G/Y	-
33	W	-
42	W/B	-

Connector No.	B520
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	G	-
4	G/R	-
5	Y	-
6	R/L	-
7	L	-
8	L/W	-
9	L/R	-
10	L/B	-
38	Y/W	-
39	Y	-

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B521	Connector No.	B524	Connector No.	B525	Connector No.	B526	Connector No.	B527	Connector No.	B528
Connector Name	WIRE TO WIRE	Connector Name	DRIVER SEAT SPEAKER RH	Connector Name	DRIVER SEAT SPEAKER LH	Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT	Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT	Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	NS10MM-CS	Connector Type	TK03FW	Connector Type	TK03FW	Connector Type	DELPHI 15408141	Connector Type	DELPHI 15394150	Connector Type	DELPHI 15322141
Terminal No.	39	Terminal No.	46	Terminal No.	48	Terminal No.	53	Terminal No.	57	Terminal No.	60
Color of Wire	G	Color of Wire	R	Color of Wire	G	Color of Wire	Y/W	Color of Wire	B	Color of Wire	Y/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	COOL INDICATOR	Signal Name [Specification]	COOL INDICATOR	Signal Name [Specification]	COOL INDICATOR
Terminal No.	4	Terminal No.	47	Terminal No.	5	Terminal No.	54	Terminal No.	58	Terminal No.	59
Color of Wire	G/R	Color of Wire	G	Color of Wire	V	Color of Wire	L/B	Color of Wire	L/R	Color of Wire	LG/R
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	HEAT 7 COOL SW RESISTOR PWR	Signal Name [Specification]	HEAT INDICATOR	Signal Name [Specification]	-
Terminal No.	5	Terminal No.	48	Terminal No.	6	Terminal No.	56	Terminal No.	64	Terminal No.	60
Color of Wire	V	Color of Wire	R/Y	Color of Wire	R/L	Color of Wire	Y	Color of Wire	W/R	Color of Wire	LG/B
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	HEAT SWITCH INPUT	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	6	Terminal No.	7	Terminal No.	7	Terminal No.	63	Terminal No.	65	Terminal No.	66
Color of Wire	R/L	Color of Wire	L	Color of Wire	L	Color of Wire	R	Color of Wire	Y/G	Color of Wire	Y/G
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	IGNITION RUN	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	8	Terminal No.	8	Terminal No.	8	Terminal No.	67	Terminal No.	67	Terminal No.	67
Color of Wire	L/W	Color of Wire	L	Color of Wire	L	Color of Wire	Y/W	Color of Wire	Y/G	Color of Wire	Y/G
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	SEATBACK THERMAL ELECTRIC UNIT	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	9	Terminal No.	9	Terminal No.	9	Terminal No.	68	Terminal No.	68	Terminal No.	68
Color of Wire	L/R	Color of Wire	L	Color of Wire	L	Color of Wire	L	Color of Wire	L	Color of Wire	L
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	SEATBACK THERMAL ELECTRIC UNIT	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	10	Terminal No.	10	Terminal No.	10	Terminal No.	69	Terminal No.	69	Terminal No.	69
Color of Wire	L/B	Color of Wire	L	Color of Wire	L	Color of Wire	G/W	Color of Wire	G/W	Color of Wire	G/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	CUSHION SENSOR RETURN	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	38	Terminal No.	38	Terminal No.	38	Terminal No.	70	Terminal No.	70	Terminal No.	70
Color of Wire	Y/W	Color of Wire	Y	Color of Wire	Y	Color of Wire	G/W	Color of Wire	G/W	Color of Wire	G/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	CUSHION SENSOR RETURN	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	39	Terminal No.	39	Terminal No.	39	Terminal No.	71	Terminal No.	71	Terminal No.	71
Color of Wire	Y	Color of Wire	Y	Color of Wire	Y	Color of Wire	G/W	Color of Wire	G/W	Color of Wire	G/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	CUSHION SENSOR RETURN	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	35	Terminal No.	35	Terminal No.	35	Terminal No.	72	Terminal No.	72	Terminal No.	72
Color of Wire	W/Y	Color of Wire	W/Y	Color of Wire	W/Y	Color of Wire	G/W	Color of Wire	G/W	Color of Wire	G/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	CUSHION SENSOR RETURN	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	40	Terminal No.	40	Terminal No.	40	Terminal No.	73	Terminal No.	73	Terminal No.	73
Color of Wire	W/G	Color of Wire	W/G	Color of Wire	W/G	Color of Wire	G/W	Color of Wire	G/W	Color of Wire	G/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	CUSHION SENSOR RETURN	Signal Name [Specification]	-	Signal Name [Specification]	-
Terminal No.	41	Terminal No.	41	Terminal No.	41	Terminal No.	74	Terminal No.	74	Terminal No.	74
Color of Wire	GR	Color of Wire	GR	Color of Wire	GR	Color of Wire	G/W	Color of Wire	G/W	Color of Wire	G/W
Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	-	Signal Name [Specification]	CUSHION SENSOR RETURN	Signal Name [Specification]	-	Signal Name [Specification]	-

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

PG

JRMWD0024GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B533
Connector Name	SEAT CUSHION THERMAL ELECTRIC UNIT
Connector Type	SUMITOMO 6088-2163



Terminal No.	Color of Wire	Signal Name [Specification]
61	Y/R	-
62	B/R	-
69	G/B	-
70	G/W	-

Connector No.	B534
Connector Name	SEAT CUSHION HEATER
Connector Type	NS96FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
72	LG/B	-
73	LG/R	-
74	B	-
71	R	-
78	LG/Y	-

Connector No.	B535
Connector Name	SEATBACK HEATER
Connector Type	NS92FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
77	R/W	-
78	LG/Y	-

Connector No.	B531
Connector Name	WIRE TO WIRE
Connector Type	TK1DMW-NS8



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
35	W/Y	-
40	W/G	-
41	GR	-
46	R	-
47	G	-
48	R/Y	-
49	P	-
50	L	-
52	L/B	-
53	Y/W	- [With Climate controlled seat]
54	R/W	- [With heated seat]
54	Y	- [With Climate controlled seat]
54	B/W	- [With heated seat]
56	G/R	- [With Climate controlled seat]
56	LG/R	- [With heated seat]
57	V	-
57	B/P	-
58	B/W	- [With Climate controlled seat]

58	LG/B	- [With heated seat]
----	------	----------------------

Connector No.	B533
Connector Name	SEAT BELT BUCKLE SWITCH
Connector Type	AG3MW-P-B



Terminal No.	Color of Wire	Signal Name [Specification]
40	W/G	-
41	GR	-

Connector No.	B535
Connector Name	RECLINING MOTOR
Connector Type	SUMITOMO 6189-0706



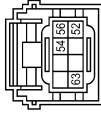
Terminal No.	Color of Wire	Signal Name [Specification]
5	V	-
6	P	-

Connector No.	B538
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	DELPHI 13322141



Terminal No.	Color of Wire	Signal Name [Specification]
55	R/L	VBATT
58	B/W	GROUND
59	LG/R	BACK TED-HEAT (-COOL)
60	LG/B	BACK TED-HEAT (-COOL)
61	Y/R	CUSH TED-HEAT (-COOL)
62	B/R	CUSH TED-HEAT (-COOL)

Connector No.	B539
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	DELPHI 15408141





Terminal No.	Color of Wire	Signal Name [Specification]
52	L/B	HEAT / COOL SW RESISTOR PWR
54	Y	HEAT SWITCH INPUT
56	V	COOL SWITCH INPUT
63	R	IGNITION RUN

CONNECTOR INFORMATION

< WIRING DIAGRAM >



BODY HARNESS

Connector No.	B587
Connector Name	LUMBAR SUPPORT MOTOR
Connector Type	YAZAKI 7283-1020

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



Connector No.	B588
Connector Name	POWER SEAT SWITCH
Connector Type	NS 0FW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	B	-
11	G/B	-
12	G/W	-
13	R/G	-
14	R/W	-
15	Y/B	-
16	Y/R	-
17	LG/B	-
18	LS/R	-



Terminal No.	Color of Wire	Signal Name [Specification]
46	R	-
47	G	-
48	R/Y	-

Connector No.	B585
Connector Name	PASSENGER SEAT SPEAKER LH
Connector Type	TK03FW



Terminal No.	Color of Wire	Signal Name [Specification]
48	R/Y	-
49	P	-
50	L	-

Connector No.	B586
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS04FW-CS



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

Connector No.	B582
Connector Name	SEATBACK THERMAL ELECTRIC UNIT
Connector Type	SUMITOMO 6098-2183



Terminal No.	Color of Wire	Signal Name [Specification]
59	LG/R	-
60	LG/B	-
67	L/R	-
68	L	-

Connector No.	B583
Connector Name	SEAT CUSHION THERMAL ELECTRIC UNIT
Connector Type	SUMITOMO 6098-2183






Terminal No.	Color of Wire	Signal Name [Specification]
61	Y/R	-
62	B/R	-
69	G/B	-
70	G/W	-

Connector No.	B584
Connector Name	PASSENGER SEAT SPEAKER RH
Connector Type	TK03FW

Connector No.	B590
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	DELPHI 13394150

Terminal No.	Color of Wire	Signal Name [Specification]
53	Y/W	COOL INDICATOR
57	B/P	HEAT INDICATOR
64	W/R	VM I (BLOWER POWER)
65	W/B	BLOWER-
66	Y/G	VSP I (SPEED CONTROL)
67	L/R	BACK SENSOR
68	L	BACK SENSOR RETURN
69	G/B	CUSHION SENSOR
70	G/W	CUSHION SENSOR RETURN

Connector No.	B591
Connector Name	CLIMATE CONTROLLED SEAT BLOWER MOTOR
Connector Type	YAZAKI 7283-5830




Terminal No.	Color of Wire	Signal Name [Specification]
64	W/R	-
65	W/B	-
66	Y/G	-

A

B

C

D

E

F

G

H

I

J

K

L

PG

N

O

P

CONNECTOR INFORMATION

< WIRING DIAGRAM >

BODY HARNESS

Connector No.	B599
Connector Name	SLIDING MOTOR
Connector Type	TYAZAKI 7283-1000



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

Connector No.	B570
Connector Name	LIFTING MOTOR (FRONT)
Connector Type	TYO 968182



Terminal No.	Color of Wire	Signal Name [Specification]
9	L/R	-
10	L/B	-

Connector No.	B571
Connector Name	LIFTING MOTOR (REAR)
Connector Type	TYO 968182



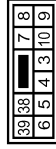
Terminal No.	Color of Wire	Signal Name [Specification]
7	L	-
8	L/W	-

Connector No.	B572
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	G/W	-
4	G/B	-
5	R/W	-
6	R/G	-
7	Y/B	-
8	Y/R	-
9	LG/R	-
10	LG/B	-
38	Y/W	-
39	Y	-

Connector No.	B573
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	G	-
4	G/R	-
5	V	-
6	R/L	-
7	L	-
8	L/W	-
9	L/R	-
10	L/B	-
38	Y/B	-
39	Y	-

Connector No.	B574
Connector Name	SEAT CUSHION HEATER
Connector Type	NS02FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
72	LG/B	-
73	LG/R	-
74	B/W	-
77	R/W	-
78	LG/Y	-

Connector No.	B575
Connector Name	SEATBACK HEATER
Connector Type	NS02FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
77	R/W	-
78	LG/Y	-

JRMWD0027GB








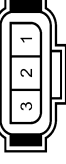


















CONNECTOR INFORMATION

< WIRING DIAGRAM >

C Chassis Harness

INFOID:000000008272241

CHASSIS HARNESS

Connector No. C1	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
BATTERY TERMINAL WITH FUSIBLE LINK		2	R	R	
Connector Name L02FBR-MC					
Connector Type					
					
					
Connector No. C2	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
FUSE AND FUSIBLE LINK BLOCK No.3					
Connector Name					
Connector Type					
					
					
Connector No. C3	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
WIRE TO WIRE		1	B/W	B/W	
Connector Name M06FW-LC					
Connector Type					
					
					
Connector No. C4	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
WIRE TO WIRE					
Connector Name Y03MB					
Connector Type					
					
					
Connector No. C5	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
LI-ION BATTERY		26	O/W	O/W	
Connector Name YPAQIFW					
Connector Type					
					
					
Connector No. C6	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
LI-ION BATTERY					
Connector Name YPAQIFW-IV					
Connector Type					
					
					
Connector No. C7	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
LI-ION BATTERY		27	O/B	O/B	
Connector Name TM02FOR-IV					
Connector Type					
					
					
Connector No. C8	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
WIRE TO WIRE					
Connector Name Y01MGY					
Connector Type					
					
					
Connector No. C9	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
TRACTION MOTOR INVERTER					
Connector Name 24342 IMG8B					
Connector Type					
					
					
Connector No. G10	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
WIRE TO WIRE					
Connector Name Y01MGY					
Connector Type					
					
					
Connector No. G11	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
FUSIBLE LINK BLOCK					
Connector Name					
Connector Type					
					
					
Connector No. G12	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
ELECTRIC COMPRESSOR					
Connector Name					
Connector Type					
					
					
Connector No. G13	Signal Name [Specification]	Terminal No.	Color of Wire	Color of Wire	Signal Name [Specification]
Connector Name					
Connector Type					
					
					

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

PG

JRMWD0028GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

CHASSIS HARNESS

Connector No.	C13
Connector Name	LI-ION BATTERY
Connector Type	-



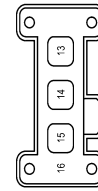
Terminal No.	Color of Wire	Signal Name [Specification]
32	SHIELD	-

Connector No.	C16
Connector Name	TRACTION MOTOR INVERTER
Connector Type	24342, IMGDA



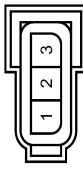
Terminal No.	Color of Wire	Signal Name [Specification]
54	B/W	U-PHASE
55	B/O	V-PHASE
56	W/B	W-PHASE
57	SHIELD	-
58	-	-
59	-	-

Connector No.	C17
Connector Name	TRACTION MOTOR
Connector Type	24346, IMG1A



Terminal No.	Color of Wire	Signal Name [Specification]
13	B/W	-
14	B/O	-
15	W/B	-
16	SHIELD	-

Connector No.	C21
Connector Name	WIRE TO WIRE
Connector Type	Y03FB-L



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

Connector No.	C22
Connector Name	SUB ELECTRIC OIL PUMP
Connector Type	AFZ03MB-X



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

JRMWD0029GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

D Door Harness

INFOID:000000008272235

DOOR HARNESS		D1		D2		D3		D4		D5		D6		D7	
Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire
1	B	45	LG	1	G	1	G	19	B	1	R	1	L	1	G
2	L	46	BR	2	GR	2	GR	21	BR	2	Y	2	W	2	GR
3	GR	47	L	3	GR	3	GR	22	R	3	W	3	W	3	GR
4	GR	48	Y	4	Y	4	Y	23	W	4	W	4	P	4	P
5	LG	49	P	5	G	5	LG	24	Y	5	B	5	B	5	L
6	L	50	B/W	6	B/W	6	B/W			6	Y	6	GR	6	L
7	R	51	G	7	Y	7	Y			7	B/W	7	O	7	G
8	GR	52	Y	8	B/W	8	B/W			8	Y	8	Y	8	P
9	G	53	B/W	9	W	9	W			9	B/W	9	B/W	9	P
10	LG	54	W	10	G	10	G								
11	P	55	W	11	GR	11	GR								
12	LG			12	O	12	O								
13	B/W			13	R	13	R								
14	Y			14	Y	14	Y								
15	O			15	Y	15	Y								
16	R			16	W	16	W								
17	Y			17	W	17	W								
18	BR			18	W	18	W								
19	W			19	W	19	W								
20	O			20	O	20	O								
21	GR			21	GR	21	GR								
22	G			22	G	22	G								
23	LG			23	LG	23	LG								
24	B			24	B	24	B								
25	V			25	V	25	V								
26	W			26	W	26	W								
27	GR			27	GR	27	GR								
28	GR			28	GR	28	GR								
29	G			29	G	29	G								
30	G			30	G	30	G								
31	Y			31	Y	31	Y								
32	O			32	O	32	O								
33	BR			33	BR	33	BR								
34	L			34	L	34	L								
35	P			35	P	35	P								
36	V			36	V	36	V								
37	GR			37	GR	37	GR								
38	O			38	O	38	O								
39	W			39	W	39	W								
40	R			40	R	40	R								
41	SHIELD			41	SHIELD	41	SHIELD								
42	L			42	L	42	L								
43	P			43	P	43	P								
44	V			44	V	44	V								



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

CONNECTOR INFORMATION

< WIRING DIAGRAM >



DOOR HARNESS

Connector No.	D15
Connector Name	FRONT DOOR LOCK ASSEMBLY (DRIVER SIDE)
Connector Type	EBDFY-RS



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	LOCK
2	LG	UNLOCK
3	W	LOCK/UNLOCK
4	B	COM
5	G	KEY_UNLOCK
6	R	KEY_LOCK

Connector No.	D12
Connector Name	STEP LAMP (DRIVER SIDE)
Connector Type	TBDFW



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

Connector No.	D13
Connector Name	FRONT DOOR SATELLITE SENSOR LH
Connector Type	HKDFY-1V-EX-LC



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

Connector No.	D14
Connector Name	OUTSIDE KEY ANTENNA (DRIVER SIDE)
Connector Type	FRDFMGY



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

Connector No.	D8
Connector Name	FRONT POWER WINDOW MOTOR (DRIVER SIDE)
Connector Type	NSDFW-CS



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

Connector No.	D11
Connector Name	FRONT DOOR WOODER LH
Connector Type	NSDFW-CS

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

Connector No.	D9
Connector Name	WIRE TO WIRE
Connector Type	NSDFW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-
3	O	-
4	BR	-
5	L	-
6	G	-
7	Y	-

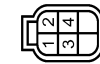
JRMWD0031 GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

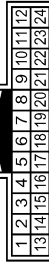
DOOR HARNESS

Connector No.	D17
Connector Name	FRONT OUTSIDE HANDLE ASSEMBLY LH
Connector Type	SAZ08FW



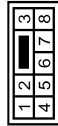
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	V	-
4	B/W	-

Connector No.	D18
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



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

Connector No.	D19
Connector Name	WIRE TO WIRE
Connector Type	NS38MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
2	LG	-
3	O	-
4	B	-
5	L	-
6	G	-
7	Y	-
8	B	-

Connector No.	D22
Connector Name	POWER WINDOW MAIN SWITCH
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	B	ENCODER +
4	Y	4S
5	G	MOTOR DN DR
6	L	MOTOR UP DR
7	B	END
8	O	END
10	LG	ENCODER GND
11	P	ENCODER SIG 1
12	LG	ENCODER SIG 2
13	V	COM
19	BR	LOCK SW
10	GR	UNLOCK SW

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



Terminal No.	Color of Wire	Signal Name [Specification]
17	SB	L OPEN
18	LG	R OPEN
20	R	L CLOSE
21	SB	R CLOSE
22	V	ACC
23	O	*SELECT L
24	V/W	*MIRROR SW L
25	L/Y	*MIRROR SW DOWN
26	Y/B	*MIRROR SW UP
27	V	*MIRROR SW R
28	R/V	*SELECT R

Connector No.	D31
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-CS15



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

17	P	- [With auto dimming mirror]
17	O	- [Without auto dimming mirror]
18	BR	-
19	GR	-
20	V	-
21	LG	-
22	SB	-
23	G	-
24	Y	-
25	BR	-
26	L	-
32	L/O	-
33	W/L	-
34	SHIELD	-
35	W	-
36	L	-
37	P	-
38	SB	-
39	O	-
44	SB	-
45	R	-
46	B/W	-

Connector No.	D32
Connector Name	TWEETER RH
Connector Type	TK02MBR-P




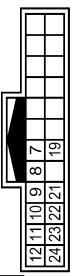









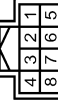








Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	Y	-

JRMWD0032GB

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

CONNECTOR INFORMATION























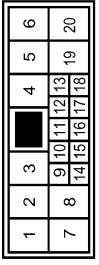
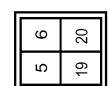



< WIRING DIAGRAM >

DOOR HARNESS		
Connector No.	D33	
Connector Name	DOOR MIRROR (PASSENGER SIDE)	
Connector Type	TH2MMW-NH	
		
Terminal No.	Color of Wire	Signal Name [Specification]
7	W	- [With auto dimming mirror]
7	L	- [Without auto dimming mirror]
8	SB	-
9	O	-
10	Y	-
11	L	-
12	BR	-
19	B	-
21	BR	-
22	G	-
23	GR	-
24	P	- [With auto dimming mirror]
24	O	- [Without auto dimming mirror]
Connector No.	D34	
Connector Name	FRONT DOOR SQUAWKER RH	
Connector Type	TK02FBR	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	Y	-
Connector No.	D36	
Connector Name	FRONT DOOR SPEAKER RH	
Connector Type	NS02FW-CS	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	Y	-
Connector No.	D37	
Connector Name	BSW / BSI INDICATOR RH	
Connector Type	TH2MMW-NH	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	SIGNAL
4	L	EARTH
Connector No.	D38	
Connector Name	WIRE TO WIRE	
Connector Type	NS08FW-CS	
		
Terminal No.	Color of Wire	Signal Name [Specification]
3	G	-
7	L	-
8	L	-
16	B	-
5	P	-
4	L	-
Connector No.	D39	
Connector Name	WIRE TO WIRE	
Connector Type	TH08FW-NH	
		
Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	B	-
6	B/W	-
7	LG	-
8	GR	-
Connector No.	D40	
Connector Name	FRONT POWER WINDOW MOTOR (PASSENGER SIDE)	
Connector Type	NS06FW-CS	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	L	-
3	O	-
4	B	-
5	P	-
6	LG	-
Connector No.	D41	
Connector Name	FRONT DOOR WOODFER RH	
Connector Type	NS02FW-CS	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	R	-
Connector No.	D42	
Connector Name	STEP LAMP (PASSENGER SIDE)	
Connector Type	TK02FW	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	SB	-
Connector No.	D43	
Connector Name	FRONT DOOR SATELLITE SENSOR RH	
Connector Type	HR02FY-1V-EK-L-C	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	-
2	W/L	-

JRMWD0033GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >














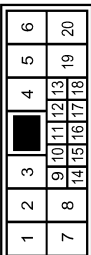




DOOR HARNESS		
Connector No.	D44	
Connector Name	OUTSIDE KEY ANTENNA (PASSENGER SIDE)	
Connector Type	PK02MGY	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	ANT+
2	V	ANT-
		
Connector No.	D45	
Connector Name	FRONT DOOR LOCK ASSEMBLY (PASSENGER SIDE)	
Connector Type	EM8FGY-RS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	SB	-
		
Connector No.	D46	
Connector Name	FRONT DOOR SQUAWKER RH	
Connector Type	TR02FBR	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	Y	-
		
Connector No.	D47	
Connector Name	FRONT OUTSIDE HANDLE ASSEMBLY RH	
Connector Type	SAZ08FW	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-
3	R	-
4	B/W	-
		
Connector No.	D48	
Connector Name	WIRE TO WIRE	
Connector Type	NS030MW-CS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	LG	-
3	V	-
4	B	-
5	B	-
6	B	-
7	LG	-
8	Y	-
		
Connector No.	D49	
Connector Name	WIRE TO WIRE	
Connector Type	TR030MW-NH	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
5	O	-
8	P	-
		
Connector No.	D50	
Connector Name	FRONT POWER WINDOW SWITCH (PASSENGER SIDE)	
Connector Type	NS18FW-CS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	ENCODER GND
4	B	ENCODER +
8	LG	MOTOR UP AS
9	G	MOTOR DN AS
10	Y	+B
11	B	GND
12	P	ENCODER SIG 1
15	O	ENCODER SIG 2
16	V	COM
		
Connector No.	D51	
Connector Name	WIRE TO WIRE	
Connector Type	NH10MW-CS10	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	V	-
3	R	-
4	L	-
7	B	-
8	P	-
9	W	-
10	V	-
11	L	-
12	LG	-
13	B	-
		
Connector No.	D52	
Connector Name	REAR POWER WINDOW MOTOR LH	
Connector Type	RS06FG-DGY	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	M2
2	V	VCC
3	O	B1
4	Y	GND
5	W	SIG 1
6	O	SIG 2
		

JRMWD0034GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

DOOR HARNESS		
Connector No.	D53	
Connector Name	REAR DOOR SPEAKER LH	
Connector Type	NS32FW-CS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	RR.DOOR.LH-OUT
2	R	RR.DOOR.LH-OUT
Connector No.	D54	
Connector Name	REAR POWER WINDOW SWITCH LH	
Connector Type	NS11FW-CS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	ENCODER.GND
4	V	ENCODER.+
8	P	MOTOR.UP
9	G	MOTOR.DN
10	P	(-)
11	B	GND
12	W	ENCODER.SIG1
15	O	ENCODER.SIG2
16	LG	COM
Connector No.	D55	
Connector Name	REAR DOOR LOCK ASSEMBLY LH	
Connector Type	FB0FY-RS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	BR	-
Connector No.	D56	
Connector Name	REAR DOOR SPEAKER LH	
Connector Type	NS32FBR-CS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	RR.DOOR.LH-OUT
2	R	RR.DOOR.LH-OUT
Connector No.	D57	
Connector Name	STEP LAMP (REAR LH)	
Connector Type	TEB2FW	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
2	W	-
3	V	-
4	L	-
7	B	-
8	P	-
9	W	-
10	V	-
11	L	-
12	LG	-
13	B	-
Connector No.	D58	
Connector Name	ASHTRAY ILLUMINATION (REAR LH)	
Connector Type	AG3FW	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	B	-
Connector No.	D71	
Connector Name	WIRE TO WIRE	
Connector Type	NH10MW-CS10	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	V	-
3	R	-
4	L	-
7	B	-
8	P	-
9	W	-
10	V	-
11	L	-
12	LG	-
13	B	-
Connector No.	D72	
Connector Name	REAR POWER WINDOW MOTOR RH	
Connector Type	RS0BFG-DDY	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	M2
2	V	VCC
3	G	M1
4	Y	GND
5	W	SIG.1
6	O	SIG.2
Connector No.	D73	
Connector Name	REAR DOOR SPEAKER RH	
Connector Type	NS32FW-CS	
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	RR.DOOR.RH-OUT
2	R	RR.DOOR.RH-OUT

JRMWD0035GB

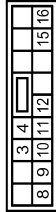
CONNECTOR INFORMATION

< WIRING DIAGRAM >

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

DOOR HARNESS

Connector No.	D74
Connector Name	REAR POWER WINDOW SWITCH RH
Connector Type	INS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	ENCODER_GND
4	V	ENCODER_+
8	P	MOTOR_UP
9	G	MOTOR_DN
10	P	(JIB)
11	B	GND
12	W	ENCODER_SIG1
15	O	ENCODER_SIG2
16	LG	COM

Connector No.	D75
Connector Name	REAR DOOR LOCK ASSEMBLY RH
Connector Type	EMBFDY-RS



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

Connector No.	D76
Connector Name	REAR DOOR SPEAKER RH
Connector Type	INS2FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	RR.DOOR.RH.-OUT
2	R	RR.DOOR.RH.-OUT

Connector No.	D77
Connector Name	STEP LAMP (REAR RH)
Connector Type	TB02FW



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

Connector No.	D78
Connector Name	ASHTRAY ILLUMINATION (REAR RH)
Connector Type	AB3FW



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

JRMWD0036GB

CONNECTOR INFORMATION

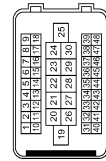
< WIRING DIAGRAM >

E Engine Room Harness

INFOID:0000000082722.36

ENGINE ROOM HARNESS

Connector No.	E3
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	ISAA3MB-RS10-SJZZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	W	-
3	R	-
4	G	-
5	SHIELD	-
6	Y	-
7	SB	-
8	L	-
9	G	-
10	R	-
11	BR	-
12	R	-
13	SHIELD	-
14	G	-
15	R	-
16	SHIELD	-
17	W	-
18	B	-
21	G	-
22	V	-
23	O	-
25	W	-
28	Y	-
30	GR	-
32	B	-
34	G	-
35	SHIELD	-
36	L	-
37	R	-
38	SHIELD	-
39	W	-
40	O	-
43	LG	-
46	P	-
47	SHIELD	-
48	L	-

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

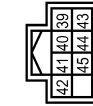


Terminal No.	Color of Wire	Signal Name [Specification]
1	W	F/L MAIN
2	L	F/L USM



Terminal No.	Color of Wire	Signal Name [Specification]
5	O	IGN COIL
6	LG	ECM VB
7	R	ETC
10	W	ECM BAT
11	B	P-GND
12	G	ABS ECU
13	P	FUEL PUMP
16	L/Y	WIPER AUTOSTOP
18	Y	IGN SIGNAL
23	SB	OTEL RLY
24	O	HOOD SW
25	R	SUB ECU
30	G	PUSH START SW

Connector No.	E6
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH48FW-NH



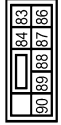
Terminal No.	Color of Wire	Signal Name [Specification]
39	P	CAN-L
40	L	CAN-H
41	B	S-GND
42	Y	MOTOR FAN RLY CONT
43	SB	P-RANGE SW
44	R	HORN RLY
45	G	HORN SW

Connector No.	E7
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH2DFW-CS12-M4



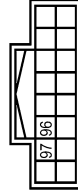
Terminal No.	Color of Wire	Signal Name [Specification]
51	G	WASH MTR
52	G	INJECTOR #1
53	L/W	FR WIPER HI
54	V	FR WIPER LO
55	R	TAIL L LUMI
56	Y	O2 SENS #1
57	V	O2 SENS #2
58	SB	AT ECU
70	LG	SSOFF
71	O	MOTR RLY
72	G	START LG-E/R
74	SB	START LG-EGI
75	G	POW
77	B	PHR

Connector No.	E8
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS38FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	HEAD LAMP LO RH
84	W	HEAD LAMP LO LH
86	W/R	FR FOGLAMP RH
87	L/Y	FR FOGLAMP LH
88	O	FR WIPER B
89	BR	HEAD LAMP HL RH
90	P	HEAD LAMP HL LH

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



Terminal No.	Color of Wire	Signal Name [Specification]
96	R	WIPER RELY RLY
97	V	MOTOR FAN PWM

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE ROOM HARNESS

Connector No.	E11
Connector Name	HORN RELAY
Connector Type	24337 7900A



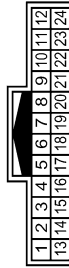
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	P	-
3	G	-

Connector No.	E17
Connector Name	COOLING FAN RELAY 1
Connector Type	24337 9F900



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

Connector No.	E19
Connector Name	WIRE TO WIRE
Connector Type	T192MM-NH



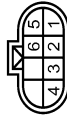
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	L	-
3	G	-
4	BR	-
5	SHIELD	-
6	Y	-
7	G	-
8	SHIELD	-
9	R	-
10	SB	-
11	W	-
12	O	-
13	G	-
14	R	-
15	SHIELD	-
16	P	-
20	O	-
21	SB	-
22	V	-
23	SHIELD	-
24	Y	-

Connector No.	E23
Connector Name	CRASH ZONE SENSOR
Connector Type	HK02FY-1V-EX-LC



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

Connector No.	E24
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS30FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	CLKS-ML
2	BR	HIPROJ
3	V	TURN
4	R	LO
5	B/W	GND
6	B/W	GND

Connector No.	E26
Connector Name	HEADLAMP AIMING MOTOR RH
Connector Type	HS303FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	AIMER VCC
2	B/W	AIMER GND
3	W	AIMER SIG

Connector No.	E27
Connector Name	FRONT WHEEL SENSOR RH
Connector Type	RR02FB



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

Connector No.	E28
Connector Name	TIRE PRESSURE RECEIVER FRONT RH
Connector Type	RR04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	VCC
2	W	RSSI
3	O	SIG
4	O/L	GND

JRMWD0038GB

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

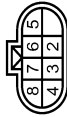
PG

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE ROOM HARNESS

Connector No.	E29
Connector Name	HEADLAMP SWIVEL ACTUATOR RH
Connector Type	RS3BFGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	SENS.GND
2	B	MOTORL B-
3	R	MOTORL A-
4	Y	SENS.SIG
5	BR	SENS.VCC
6	W	MOTORL B+
7	G	MOTORL A+
8	G	

Connector No.	E30
Connector Name	HOOD SWITCH
Connector Type	RH0ZFB



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

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	E02FSY-RS



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

Connector No.	E32
Connector Name	WASHER LEVEL SWITCH
Connector Type	Z02FB



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

Connector No.	E34
Connector Name	FRONT FOG LAMP RH
Connector Type	FR02FB



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

Connector No.	E37
Connector Name	COOLING FAN CONTROL MODULE 1
Connector Type	IS20IFGY-SNZZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/W	GND
2	V	PWM.SIG
3	R	PWM.POWER

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	RS0BFGY-PR



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

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



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

Connector No.	E45
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	MS02FL-MZ-LC



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

JRMWD0039GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE ROOM HARNESS

Connector No.	E57
Connector Name	BRAKE FLUID LEVEL SWITCH
Connector Type	YV02FDY



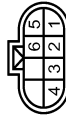
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	B	-

Connector No.	E52
Connector Name	SHIFT LOCK RELAY
Connector Type	MS0ZFL-AMZ-LC



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

Connector No.	E54
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



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

1	O	CLS-ML
2	P	HIPROJ
3	G	TURN
4	W	LO
5	B/Y	GND
6	B/Y	GND

Connector No.	E58
Connector Name	HEADLAMP AIMING MOTOR LH
Connector Type	HS03FDY



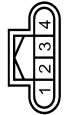
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	AIMER VCC
2	B/Y	AIMER GND
3	GR	AIMER SIG

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER (ENGINE ROOM)
Connector Type	RK03FBR



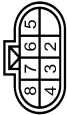
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	(+BATT/VOL SMALL)
3	B	BUZZER SIGNAL

Connector No.	E58
Connector Name	TIRE PRESSURE RECEIVER FRONT LH
Connector Type	PR04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	VCC
2	W	RSSI
3	G	SIG
4	B	GND

Connector No.	E59
Connector Name	HEADLAMP SWIVEL ACTUATOR LH
Connector Type	RS08FGY-PR



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	SENS GND
3	B	MOTOR1 LB-
4	R	MOTOR2 A-
5	P	SENS SIG
6	LG	SENS VCC
7	W	MOTOR1 LB+
8	G	MOTOR2 A+

Connector No.	E60
Connector Name	FRONT WHEEL SENSOR LH
Connector Type	PR02FB



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

Connector No.	E61
Connector Name	VEHICLE SECURITY HORN
Connector Type	PR1FB-A



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

Connector No.	E62
Connector Name	VEHICLE SECURITY HORN
Connector Type	PR1FB-A



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

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

PG



JRMWD0040GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >



ENGINE ROOM HARNESS

Connector No. E63
Connector Name WIRE TO WIRE
Connector Type Y01FGY



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

Connector No. E64
Connector Name FRONT FOG LAMP LH
Connector Type FHZ02FB



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

Connector No. E67
Connector Name IOC SENSOR
Connector Type RS09FB-PR



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

Connector No. E71
Connector Name HORN (HIGH)
Connector Type P01FB-A



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

Connector No. E72
Connector Name HORN (HIGH)
Connector Type P01FB-A



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

Connector No. E74
Connector Name EXHAUST GAS / OUTSIDE DOOR DETECTING SENSOR
Connector Type RH03FB



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

Connector No. E76
Connector Name AMBIENT SENSOR
Connector Type RS02FB


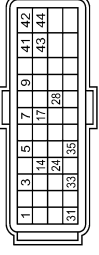
Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	SB	-

Connector No. E77
Connector Name REFRIGERANT PRESSURE SENSOR
Connector Type RH03FB



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

Connector No. E78
Connector Name TRACTION MOTOR INVERTER
Connector Type RH40FB-RZB-L-H

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	TRACTION MOTOR RESOLVER SIGNAL S 1 L
3	L	TRACTION MOTOR RESOLVER SIGNAL S 3
5	R	TRACTION MOTOR RESOLVER SIGNAL S 2
7	W	TRACTION MOTOR RESOLVER SIGNAL S 4
9	L	HEV SYSTEM CAN-H SENSOR GND
14	P	TRACTION MOTOR RESOLVER SIGNAL R 2
17	G	TRACTION MOTOR RESOLVER SIGNAL R 3
24	L	HEV SYSTEM CAN-L
28	G	POWER SUPPLY (IGN)
31	Y	CONNECTION DETECTION
33	W	TRACTION MOTOR RESOLVER SIGNAL R 1
35	R	CONNECTION DETECTION
41	B	GND
42	P	POWER SUPPLY (BAT)
43	B	GND
44	P	POWER SUPPLY (BAT)

Connector No. E79
Connector Name MASTER CYLINDER PRESSURE SENSOR 1
Connector Type AAZ03FB2-S

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

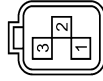
JRMWD0041 GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

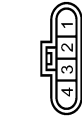
ENGINE ROOM HARNESS

Connector No.	E80
Connector Name	MASTER CYLINDER PRESSURE SENSOR 2
Connector Type	HAZ02FB2-S



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

Connector No.	E86
Connector Name	STROKE SENSOR
Connector Type	HS04FB



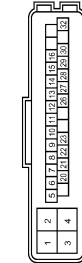
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/O	-
2	B	-
3	W/L	-
4	L/Y	-

Connector No.	E87
Connector Name	ELECTRICALLY-DRIVEN INTELLIGENT BRAKE UNIT
Connector Type	SAZ42FB-SUZ4-S



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	MOTOR BATTERY
2	R	MOTOR BATTERY
5	L/O	STROKE SENSOR GND
7	W	PRESS SENSOR SIGNAL
8	V	BRAKE POWER SUPPLY BACKUP UNIT WHEEL SIGNAL
9	LG	STOP LAMP OFF RELAY SIGNAL
10	Y	BRAKE POWER SUPPLY BACKUP COMM
11	L	CONTROL MODULE BATTERY
13	SB	STOP LAMP SW SIGNAL
19	W/L	STROKE SENSOR POWER SUPPLY
21	B	PRESS SENSOR POWER SUPPLY
22	W	BUZZER SIGNAL
24	R	BRAKE COMM
25	LG	BUZZER POWER SUPPLY
26	G	IGN
31	B	GND
32	L	BRAKE POWER SUPPLY BACKUP UNIT BACKUP SIGNAL
35	L/Y	STROKE SENSOR 1 SIGNAL
37	B	STROKE SENSOR 2 SIGNAL
38	R	PRESS SENSOR GND
40	P	CAN 2-L
41	L	CAN 2-H
42	P	CAN 1-L
43	L	CAN 1-H

Connector No.	E89
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT CONTROL UNIT
Connector Type	RH28FB-NU4-DH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	MOTOR BATTERY
2	Y	VALVE BATTERY
3	B	GND
4	B/W	GND
5	R	VDC OFF SW
6	O	ASCD BRAKE SW SIGNAL
7	W	PRESS SEN SIGNAL
8	SB	STOP LAMP SW SIGNAL
9	P	CAN-L
10	B	PRESS SENSOR POWER SUPPLY

Terminal No.	Color of Wire	Signal Name [Specification]
11	BR	RR RH WHEEL SENSOR POWER SUPPLY
12	BR	FR RH WHEEL SENSOR SIGNAL
13	V	G SENSOR POWER SUPPLY
14	B	G SENSOR SIGNAL (+)
15	Y	RR RH WHEEL SENSOR SIGNAL
16	LG	IGN
20	R	BRAKE COMM
21	B	FR RH WHEEL SENSOR POWER SUPPLY
22	L	CAN-H
23	O	FR LH WHEEL SENSOR POWER SUPPLY
26	G	RR LH WHEEL SENSOR POWER SUPPLY
27	SB	FR LH WHEEL SENSOR SIGNAL
28	O	G SENSOR GND
29	Y	RR LH WHEEL SENSOR SIGNAL
30	W	RR LH WHEEL SENSOR GND
32	R	PRESS SENSOR GND

Connector No.	E90
Connector Name	ELECTRIC WATER PUMP
Connector Type	RS04FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	(+)(B)
2	B	GND
3	R	SWP
4	G	FEEDBACK

Connector No.	E94
Connector Name	HEATER PUMP
Connector Type	RS04FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	RR RH WHEEL SENSOR SIGNAL
2	BR	FR RH WHEEL SENSOR SIGNAL
3	V	G SENSOR POWER SUPPLY
4	B	G SENSOR SIGNAL (+)
5	L	RR LH WHEEL SENSOR SIGNAL
6	P	CAN-H
7	B	TRQ-VCC 1
8	B	TRQ-VCC 2
9	G	F-C-VALVE-H
11	BR	F-C-VALVE-L
12	BR	F-C-VALVE-L

Terminal No.	Color of Wire	Signal Name [Specification]
1	P	IGN
2	B/W	GND
3	L	CTRL
4	V	F/B

Connector No.	E95
Connector Name	APPROXIMATELY 50dB SOUND FOR PERFORMANCE (VSP) SPEAKER
Connector Type	RH02FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	SPKR OUTSIDE +
2	BR	SPKR OUTSIDE -

Connector No.	E97
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	RH12FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	TRQ-MAN
2	W	TRQ-GND
3	Y	TRQ-SUB
4	G	IGN
5	L	CAN-H
6	P	CAN-L
7	B	TRQ-VCC 1
8	B	TRQ-VCC 2
9	G	F-C-VALVE-H
11	BR	F-C-VALVE-L
12	BR	F-C-VALVE-L

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

JRMWD0042GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE ROOM HARNESS

Connector No.	E188
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	Y02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
13	R	BATT
14	B/W	GND

Connector No.	E189
Connector Name	POWER STEERING CONTROL MODULE
Connector Type	-



Terminal No.	15
Color of Wire	SHIELD
Signal Name [Specification]	GND

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



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

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



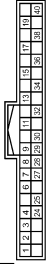
Terminal No.	1E
Color of Wire	GR
Signal Name [Specification]	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	V	-
4F	G	-
6F	BG	-
8F	BR	-
9F	R	-
10F	P	-
12F	Y	-

Connector No.	E104
Connector Name	AFS CONTROL UNIT
Connector Type	T140FV-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGN
2	O	PSG-R
3	GR	SW
4	BR	PSV-R
6	V	HSV-R
7	P	CAN-L
8	B	HSG-R
9	Y	PS-R
11	R	SMR-1 (-)
13	B	SMR-2 (-)
15	W	SML-1 (+)
17	G	SML-2 (+)
19	W	AMDS-R
24	LG	PSV-L
25	B	GND
27	BR	PSG-L
28	SB	HS-R
29	P	PS-L
30	L	CAN-H
32	W	SMR-2 (+)
34	G	SMR-1 (+)
36	R	SML-2 (-)
38	B	SML-1 (-)
40	GR	AMDS-L

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



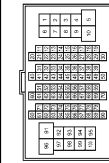
JRMWD0043GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE ROOM HARNESS

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS (P-TM4)



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	-
2	R	-
3	W	-
4	LG	-
5	O	-
9	Y	-
10	BR	-
11	SB	-
12	V	-
13	R	-
14	LG	-
15	B	-
16	Y	-
17	GR	-
18	BR	-
21	O	-
22	L	-
23	P	-
24	L	-
25	Y	-
27	SHIELD	-
28	L	-
29	P	-
31	R	-
32	W	-
33	B	-
34	SHIELD	-
35	L	-
36	G	-
37	BR	-
38	SHIELD	-
39	V	-
41	G	-
46	LG	-
47	BR	-
48	R	-
49	SHIELD	-
50	G	-

51	SB	-
52	LG	-
53	W	-
54	L	-
55	P	-
58	L	-
59	G	-
60	W	-
61	G	-
62	Y	-
63	BR	-
64	V	-
65	B	-
66	Y	-
67	O	-
68	R	-
69	L	-
70	P	-
71	V	-
72	L	-
77	B	-
78	SB	-
79	O	-
80	G	-
81	R	-
82	SB	-
83	GR	-
84	W	-
84	Y	-
88	BR	-
89	LG	-
90	W	-
91	W	-
93	R	-
94	SB	-
95	L	-
97	LG	-
100	W	-

Connector No.	E107
Connector Name	PARKING BRAKE SWITCH
Connector Type	TB01FW-LC



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

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	NS18MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	O	-
5	W/L	-
6	W	-
7	O/L	-
11	B	-
12	SHIELD	-
13	G	-
14	R	-
15	W	-
16	SHIELD	-

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



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

Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



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

Connector No.	E114
Connector Name	BRAKE SWITCH
Connector Type	M02FBR-LC



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

JRMWD0044GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE ROOM HARNESS

Connector No.	E115
Connector Name	WIRE TO WIRE
Connector Type	NS1ZMM-CS



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

Terminal No.	Color of Wire	Signal Name [Specification]
2	O	-
5	B	-
10	O	-
11	V	-
12	SB	-

Connector No.	E119
Connector Name	WIRE TO WIRE
Connector Type	NS1ZMBR-CS



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

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

Connector No.	E301
Connector Name	COOLING FAN CONTROL MODULE 1
Connector Type	6188-0259



4	5
---	---

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

Connector No.	E302
Connector Name	COOLING FAN CONTROL MODULE 1
Connector Type	6188-0259



6	7
---	---

Terminal No.	Color of Wire	Signal Name [Specification]
6	-	-
7	-	-

JRMWD0045GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

F Engine Control Harness

INFOID:000000008272237

ENGINE CONTROL HARNESS		
Connector No.	Color of Wire	Signal Name [Specification]
F1		
WIRE TO WIRE		
ISAA3BFB-RS1P-S4Z2		
1	B	
2	W	
3	R	
4	G	
5	SHIELD	
6	Y	
7	P	
8	L	
9	G	
10	R	
11	BR	
12	LG	
13	SHIELD	
14	B/Y	
15	R	
16	SHIELD	
17	W	
18	B	
21	G	
22	V	
23	W	
25	W	
26	R	
30	Y	
32	LG	
34	F	
35	SHIELD	
36	G	
37	O	
38	SHIELD	
39	V	
40	O	
43	V	
45	P	
47	SHIELD	
48	L	

Connector No.	Color of Wire	Signal Name [Specification]
F2		
CRANKSHAFT POSITION SENSOR		
RH03FB		
1	R	
2	B	
3	L	

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

Connector No.	Color of Wire	Signal Name [Specification]
F3		
AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)		
RH04MDGY-BR		
1	R	
2	B	
3	L	

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

Connector No.	Color of Wire	Signal Name [Specification]
F4		
CRANKY VALVE TIMING CONTROL POSITION SENSOR (BANK 1)		
RH03FB		
1	R	
2	GR	

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

Connector No.	Color of Wire	Signal Name [Specification]
F5		
CAMSHAFT POSITION SENSOR (BANK 1)		
RH03FB		
1	R	
2	B	
3	L	

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

Connector No.	Color of Wire	Signal Name [Specification]
F6		
EVAP CANISTER PURGE VALVE CONTROL SOLenoid VALVE		
EQ2FL-RS-LGY		
1	R	
2	B	
3	L	

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

Connector No.	Color of Wire	Signal Name [Specification]
F7		
EVAP CANISTER PURGE VALVE CONTROL SOLenoid VALVE		
EQ2FL-RS-LGY		
1	R	
2	B	
3	L	

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

Connector No.	Color of Wire	Signal Name [Specification]
F8		
CONDENSER		
MD2FW-LC		
1	W	
2	B	

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

Connector No.	Color of Wire	Signal Name [Specification]
F9		
WIRE TO WIRE		
FSDMFL-B		
1	W	
2	B	
3	W	
4	SHIELD	

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

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

PG

JRMWD0046GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE CONTROL HARNESS			
Connector No.	F11		
Connector Name	IGNITION COIL NO. 1 (WITH POWER TRANSISTOR)		
Connector Type	EG3F3Y-RS		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	Y	-	
2	B	-	
3	W/B	-	
Connector No.	F14		
Connector Name	IGNITION COIL NO. 4 (WITH POWER TRANSISTOR)		
Connector Type	EG3F3Y-RS		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	GR	-	
2	B	-	
3	W	-	
Connector No.	F12		
Connector Name	IGNITION COIL NO. 3 (WITH POWER TRANSISTOR)		
Connector Type	EG3F3Y-RS		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	G	-	
2	B	-	
3	W	-	
Connector No.	F13		
Connector Name	IGNITION COIL NO. 3 (WITH POWER TRANSISTOR)		
Connector Type	EG3F3Y-RS		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	L/O	-	
2	W/L	-	
3	L	-	
4	Y	-	
Connector No.	F16		
Connector Name	IGNITION COIL NO. 6 (WITH POWER TRANSISTOR)		
Connector Type	EG3F3Y-RS		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	SB	-	
2	B	-	
3	W	-	
Connector No.	F17		
Connector Name	ENGINE COOLANT TEMPERATURE SENSOR		
Connector Type	EG2F3Y-RS		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	L	-	
2	G	-	
3	O	-	
Connector No.	F20		
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)		
Connector Type	RH04M3Y-BR		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	L/O	-	
2	W/L	-	
3	L	-	
4	Y	-	
Connector No.	F18		
Connector Name	CAMSHAFT POSITION SENSOR (BANK 2)		
Connector Type	RH03FB		
Terminal No.	Color of Wire	Signal Name [Specification]	
1	L	-	

JRMWD0047GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE CONTROL HARNESS

Connector No.	F27
Connector Name	ELECTRIC THROTTLE CONTROL ACTUATOR (BANK 2)
Connector Type	RH03FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	INPUT(TPS)
2	O/L	OUTPUT(TPS)
3	W	OUTPUT2(TPS)
4	O	GND(TPS)
5	LG	MOTOR2(CLOSE)
6	V	MOTOR1(OPEN)

Connector No.	F28
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EQ2FG-RS-LGY



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

Connector No.	F29
Connector Name	INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EQ2FG-RS-LGY



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

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH03FLGY



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

Connector No.	F38
Connector Name	ENGINE OIL TEMPERATURE SENSOR
Connector Type	EQ2FGY-RS



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

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH03FLGY



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

Connector No.	F50
Connector Name	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
Connector Type	RH03FB



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

Connector No.	F51
Connector Name	ENGINE OIL PRESSURE SENSOR
Connector Type	RH03FB



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

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

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	RH04MDGY



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

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	RH04MDGY



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

JRMWD0048GB

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


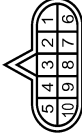
PG

CONNECTOR INFORMATION

< WIRING DIAGRAM >



ENGINE CONTROL HARNESS

Connector No.	F71
Connector Name	A/T ASSEMBLY
Connector Type	RK0DFG-DGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	POWER SUPPLY (BACK UP)
2	P	POWER SUPPLY (BACK UP)
3	L	HEV SYSTEM CAN-H
4	V	K-LINE
5	B	GND
6	G	POWER SUPPLY (IGN)
7	R/L	BACK-UP LAMP RELAY
8	G	HEV SYSTEM CAN-L
9	BR	P/N SIGNAL
10	B	GND

Connector No.	F67
Connector Name	ELECTRIC THROTTLE CONTROL ACTUATOR (BANK 1)
Connector Type	RH06FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	MOTOR(OPEN)
2	BR	MOTOR(CLOSE)
3	O/L	GND(TPS)
4	O	OUTPUT(TPS)
5	W/L	OUTPUT(TPS)
6	W	INPUT(TPS)

Connector No.	F72
Connector Name	TORQUE SENSOR
Connector Type	RH06FY



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

Connector No.	F73
Connector Name	FLOW CONNECTION VALVE
Connector Type	RS02FBR


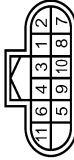
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	F-S-VALVE-H
2	BR	F-S-VALVE-L

Connector No.	F74
Connector Name	ELECTRIC COMPRESSOR
Connector Type	SAZ06FY-B

Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	SI
2	G	SO
3	B	GND
4	R	IGN



Connector No.	F75
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EG02FG-RS-LGY

Terminal No.	Color of Wire	Signal Name [Specification]
1	O	REZ-S2
2	Y	REZ-S4
3	G	REZ-S3
4	R	REZ-S1
5	LG	REZ(+)-R1
6	B/Y	REZ(+)-R2
7	L	TM
8	P	TM-GND
9	R	CLI-STRK
10	W	BATT
11	B	GND-A


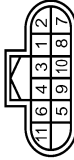
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	CVTC
2	W	POWER

Connector No.	F76
Connector Name	EXHAUST VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EG02FG-RS-LGY

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	CVTC
2	W	POWER

Connector No.	F77
Connector Name	TRACTION MOTOR
Connector Type	RH12FB

Terminal No.	Color of Wire	Signal Name [Specification]
1	O	REZ-S2
2	Y	REZ-S4
3	G	REZ-S3
4	R	REZ-S1
5	LG	REZ(+)-R1
6	B/Y	REZ(+)-R2
7	L	TM
8	P	TM-GND
9	R	CLI-STRK
10	W	BATT
11	B	GND-A

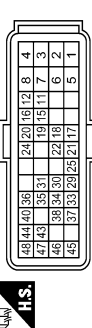
JRMWD0049GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE CONTROL HARNESS

Connector No.	FI01
Connector Name	ECM
Connector Type	RH40FB-R28-L-RH-Z



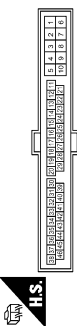
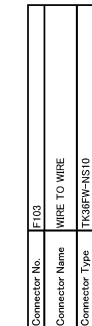
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	A/F SENSOR 1 (HEATER (BANK 1))
2	G	THROTTLE CONTROL MOTOR (OPEN) (BANK 1)
3	R	THROTTLE CONTROL MOTOR (POWER SUPPLY) (BANK 1)
4	BR	THROTTLE CONTROL MOTOR (CLOSE) (BANK 1)
5	L	A/F SENSOR 1 (HEATER (BANK 2))
6	SB	EXHAUST VALVE TIMING CONTROL (MARKET RETARDER) (BANK 1)
7	Y	EXHAUST VALVE TIMING CONTROL (MARKET RETARDER) (BANK 2)
8	B	ECM GROUND
11	GR	IGNITION SIGNAL NO.4
12	L	IGNITION SIGNAL NO.3
15	LG	IGNITION SIGNAL NO.5
16	G	IGNITION SIGNAL NO.2
17	P	HEATED OXYGEN SENSOR 2 (HEATER (BANK 1))
18	Y	INTAKE VALVE TIMING CONTROL (SOLENOID VALVE (BANK 1))
19	SB	IGNITION SIGNAL NO.6
20	Y	IGNITION SIGNAL NO.1
21	GR	EVAP CANISTER PURGE VOLUME CONTROL (SOLENOID VALVE)
22	LG	FUEL PUMP RELAY
24	V	ECM RELAY (SELF SHUT - OFF)
25	O	THROTTLE CONTROL MOTOR RELAY
28	Y	INTAKE VALVE TIMING CONTROL (SOLENOID VALVE (BANK 2))
30	O	THROTTLE POSITION SENSOR 1 (BANK 1)
31	O/L	THROTTLE POSITION SENSOR 1 (BANK 2)
33	LG	HEATED OXYGEN SENSOR 2 (HEATER (BANK 2))
34	W/L	THROTTLE POSITION SENSOR 2 (BANK 1)
35	W	THROTTLE POSITION SENSOR 2 (BANK 2)
36	B	SENSOR GROUND
37	L	CRANKSHAFT POSITION SENSOR (POS)
38	W	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
40	O/L	SENSOR GROUND
41	W/L	SENSOR POWER SUPPLY
42	W	SENSOR POWER SUPPLY
43	LG	SENSOR POWER SUPPLY
45	R	SENSOR POWER SUPPLY
46	B	SENSOR GROUND
47	O	SENSOR GROUND

Connector No.	FI02
Connector Name	ECM
Connector Type	RH40FB-R28-L-RH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
48	LG	THROTTLE CONTROL MOTOR (CLOSE) (BANK 2)
50	V	THROTTLE CONTROL MOTOR (OPEN) (BANK 2)
52	R	THROTTLE CONTROL MOTOR (POWER SUPPLY) (BANK 2)
53	G	IGNITION SWITCH
54	G	HEV SYSTEM CAN-H
55	L	HEV SYSTEM CAN-L
57	L	A/F SENSOR 1 (BANK 1)
58	L	EXHAUST VALVE TIMING CONTROL (POSITION SENSOR) (BANK 1)
59	L	CAMSHAFT POSITION SENSOR (PHASE) (BANK 1)
60	R	SENSOR POWER SUPPLY
61	B/W	A/F SENSOR 1 (BANK 1)
62	O	EXHAUST VALVE TIMING CONTROL (POSITION SENSOR) (BANK 2)
63	R	CAMSHAFT POSITION SENSOR (PHASE) (BANK 2)
64	L	SENSOR POWER SUPPLY
65	L/O	A/F SENSOR 1 (BANK 2)
66	W/L	A/F SENSOR 1 (BANK 2)
67	Y	INTAKE AIR TEMPERATURE SENSOR
68	G	SENSOR GROUND
69	W	KNOCK SENSOR (BANK 2)
70	W	ENGINE OIL PRESSURE SENSOR
71	SB	ENGINE COOLANT TEMPERATURE SENSOR
72	GR	SENSOR GROUND
73	B	KNOCK SENSOR (BANK 1)
74	L	HEATED OXYGEN SENSOR 2 (BANK 1)
76	W	MASS AIR FLOW SENSOR (BANK 1)
77	O	ENGINE OIL TEMPERATURE SENSOR
78	G	MASS AIR FLOW SENSOR (BANK 2)
79	R	MASS AIR FLOW SENSOR (BANK 2)
80	L	HEATED OXYGEN SENSOR 2 (BANK 2)
81	Y	FUEL INJECTOR NO.3
82	V	FUEL INJECTOR NO.6
84	B/W	SENSOR GROUND
85	BR	FUEL INJECTOR NO.2
86	R	FUEL INJECTOR NO.3
88	B	SENSOR GROUND
89	GR	FUEL INJECTOR NO.1
90	P	FUEL INJECTOR NO.4
91	L	BATTERY CURRENT SENSOR

92	G	SENSOR GROUND
93	W	POWER SUPPLY FOR ECM (BACK-UP)
94	B	SENSOR GROUND
95	B	SENSOR GROUND
96	B	SENSOR GROUND



Terminal No.	Color of Wire	Signal Name [Specification]
3	G	SENSOR GROUND
4	R	SENSOR GROUND
5	B	SENSOR GROUND
6	G	SENSOR GROUND
8	Y	SENSOR GROUND
11	L	SENSOR GROUND
12	G	SENSOR GROUND
13	V	SENSOR GROUND
14	SB	SENSOR GROUND
15	Y	SENSOR GROUND
16	G	SENSOR GROUND
17	B	SENSOR GROUND
18	R	SENSOR GROUND
19	BR	SENSOR GROUND
23	LG	SENSOR GROUND
25	B	SENSOR GROUND
28	L	SENSOR GROUND

Connector No.	FI21
Connector Name	FUEL INJECTOR No. 1
Connector Type	HS02FGY



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

Connector No.	FI22
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS02FGY



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

Connector No.	FI23
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS02FGY





















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

JRMWD0050GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

ENGINE CONTROL HARNESS		
Connector No.	F124	
Connector Name	FUEL INJECTOR No. 4	
Connector Type	HS02FCY	
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	P	-
 		
Connector No.	F201	
Connector Name	WIRE TO WIRE	
Connector Type	RS04ML-B	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	SHIELD	-
3	W	-
4	SHIELD	-
 		
Connector No.	F202	
Connector Name	KNOCK SENSOR (BANK 2)	
Connector Type	EG02FG-RS-LGY	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	SHIELD	-
3	W	-
4	SHIELD	-
 		
Connector No.	F125	
Connector Name	FUEL INJECTOR No. 5	
Connector Type	HS02FCY	
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-
 		
Connector No.	F309	
Connector Name	TRANSMISSION RANGE SWITCH	
Connector Type	A03FW	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B	-
3	R	-
4	O	-
5	G	-
6	GR	-
7	L	-
8	BR	-
9	Y	-
10	W/B	-
 		
Connector No.	F203	
Connector Name	KNOCK SENSOR (BANK 1)	
Connector Type	EG02EG-RS-LGY	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	SHIELD	-
 		
Connector No.	F126	
Connector Name	FUEL INJECTOR No. 6	
Connector Type	HS02FCY	
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-
 		
Connector No.	F301	
Connector Name	TGM (TRANSMISSION CONTROL MODULE)	
Connector Type	SP10FG	
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	SHIELD	-
 		
Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-
 		

JRMWD0051GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

M Main Harness

INFOID:000000008272238

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

MAIN HARNESS

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



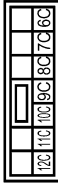
Terminal No.	Color of Wire	Signal Name [Specification]
1A	R	-
2A	W	-
3A	Y	-
4A	W	-
5A	V	-
6A	Y	-
8A	Y	-

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



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

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



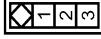
Terminal No.	Color of Wire	Signal Name [Specification]
6C	R	-
7C	B	-
8C	G	-
9C	L	-
10C	LG	-
11C	LG	-
12C	BG	-

Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	B	-
5	W	-
6	G	-
7	R	-
11	B	-
12	SHIELD	-
13	G	-
14	W	-
15	R	-
16	SHIELD	-

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	NS03FW



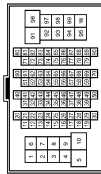
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-
3	SHIELD	-

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	R	-
3	W	-
4	G	-
5	W	-
9	Y	-
10	W	-
11	R	-
12	V	-
13	LG	-
14	L	-
15	V	-
16	B	-
17	GR	-
18	V	-
21	BR	-
22	L	-
23	P	-
24	L	-
25	P	-
27	SHIELD	-
28	V	-
29	SB	-
31	R	-
32	W	-
33	B	-
34	SHIELD	-
35	L	-
36	G	-
37	BR	-
38	SHIELD	-
39	Y	-
41	BR	-
46	LG	-
47	BR	-
48	R	-
49	SHIELD	-
50	G	-

51	L	-
52	R	-
53	W	-
54	L	-
55	P	-
58	L	-
59	G	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
64	G	-
65	B	-
66	Y	-
67	BG	-
68	P	-
69	L	-
70	P	-
71	G	-
72	R	-
77	V	-
78	V	-
79	BG	-
80	G	-
81	L	-
82	B	-
83	BG	-
84	SB	-
88	V	-
89	LG	-
90	BG	-
91	W	-
93	G	-
94	Y	-
95	W	-
97	SB	-
100	L	-

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



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

56	SB	-
57	P	-
58	LG	-
59	Y	-
60	GR	-
61	B	-
62	LG	-
63	BR	-
65	W	-
66	R	-
67	V	-
68	LG	-
69	SB	-
70	V	-
71	P	-
72	L	-
73	SHIELD	-
74	W	-
75	BR	-
76	R	-
77	G	-
78	L	-
79	Y	-
81	P	-
82	L	-
83	SHIELD	-
84	B	-
85	W	-
86	G	-
87	R	-
88	G	-
91	W	-
96	W	-
97	BG	-
98	Y	-
99	LG	-

JRMWD0053GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M8
Connector Name	RESISTOR
Connector Type	MSPFR-LC



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

Connector No.	M9
Connector Name	ACCELERATOR PEDAL POSITION SENSOR
Connector Type	RH08FB



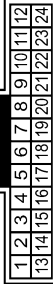
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BR	-
3	R	-
4	G	-
5	L	-
6	G	-

Connector No.	M10
Connector Name	DIODE
Connector Type	24335 CR802



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

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



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

Connector No.	M18
Connector Name	TRUNK LID OPENER CANCEL SWITCH
Connector Type	S02FW



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
7	R	-
8	W	-
9	G	-
10	B	-
12	R	-
14	L	-
15	B	-
17	R	-
18	P	-
19	W	-
20	R	-
21	B	-
22	G	-
23	L	-
24	L	-
27	P	-
30	SHIELD	-
31	V	-
33	V	-
34	SHIELD	-
35	L	-
36	P	-
38	L	-
40	P	-

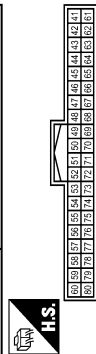
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

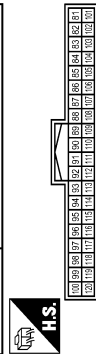
Connector No.	M21
Connector Name	PCB HARNESS
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
41	LG	-
42	SHIELD	-
43	Y	- [With BOSE audio]
43	V	- [Without BOSE audio]
44	BR	- [With BOSE audio]
44	P	- [Without BOSE audio]
45	SHIELD	-
46	SB	- [With BOSE audio]
46	G	- [Without BOSE audio]
47	GR	- [Without BOSE audio]
48	SHIELD	-
49	L	- [With 10 speakers]
49	R	- [Without 10 speakers]
50	G	- [With BOSE audio]
50	BR	- [Without BOSE audio]
51	SHIELD	-
52	O	- [With 10 speakers]
52	P	- [With 16 speakers]
52	L	- [Without BOSE audio]
53	W	- [With 10 speakers]
53	L	- [With 16 speakers]
53	G	- [Without BOSE audio]
54	Y	-
55	BR	-
56	G	-
57	R	-
58	R	-
59	W	-
60	G	-
61	SB	-
62	SB	-
63	LG	-
67	SHIELD	-
68	SHIELD	-
69	W	-
70	SHIELD	-
71	Y	-

72	B	-
73	W	-
74	R	-
75	G	-
76	G	-
77	R	-
78	W	-
79	B	-
80	B	-

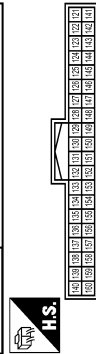
Connector No.	M22
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
84	B	-
85	B	-
86	B	-
87	B	-
88	Y	-
89	V	-
92	V	-
94	B	-
95	LG	-
96	BG	-
97	G	-
98	G	-
100	G	-
101	L	-
102	P	-
103	B	-
105	R	-
107	Y	-
108	Y	-
109	BR	-
110	Y	-
112	B	-
113	P	-
114	L	-
116	B	-
117	BG	-
118	B	-

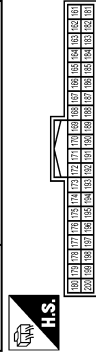
119	G	-
120	V	-

Connector No.	M23
Connector Name	PCB HARNESS
Connector Type	TH40FY-NH



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

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



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

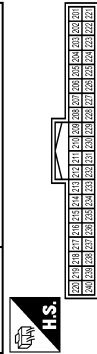
JRMWD0055GB

CONNECTOR INFORMATION

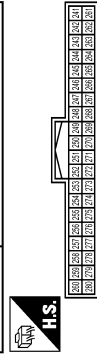
< WIRING DIAGRAM >

MAIN HARNESS

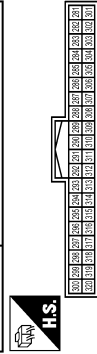
Connector No.	M25
Connector Name	PCB HARNESS
Connector Type	TH40FB-NH



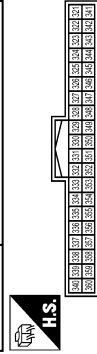
Connector No.	M26
Connector Name	PCB HARNESS
Connector Type	TH40FW-NH



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



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



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

Terminal No.	Color of Wire	Signal Name [Specification]
241	L	-
242	L	-
245	B	-
247	B	-
249	SHIELD	-
250	SHIELD	-
252	B	-
253	P	- [With Climate controlled seat]
253	B	- [Without BOSE audio]
254	W	- [With Climate controlled seat]
254	B	- [Without BOSE audio]
255	B	-
256	SHIELD	-
257	SHIELD	-
258	R	-
258	L	-
260	BG	-
261	P	-
262	P	-
269	GR	-
270	Y	-
271	BR	-
272	G	-
273	R	-
274	R	-
275	V	-
276	B	-
278	R	-
279	R	-
280	Y	-

Terminal No.	Color of Wire	Signal Name [Specification]
281	BG	-
282	O	-
283	BG	-
284	BG	-
286	W	-
287	Y	-
288	W	-
290	B	-
291	SHIELD	-
293	B	-
294	B	-
295	B	-
297	B	-
298	B	-
299	V	-
300	W/G	-
301	R	-
302	R	-
303	R	-
308	V	-
307	LG	-
308	SB	-
309	G	-
310	R	-
311	W	-
312	B	-
313	B	-
319	V	-
320	W/L	- [For auto A/C with Forest Air] [With Climate controlled seat]
320	W/L	- [For auto A/C without Forest Air] [With heated seat]
320	W	- [For auto A/C without Forest Air]

Terminal No.	Color of Wire	Signal Name [Specification]
321	V	-
322	V	-
324	B	-
325	L	-
326	L	-
327	P	-
328	P	-
330	B	-
331	V	-
332	V	-
336	W	-
338	W	-
341	L	-
342	P	-
343	L	-
344	B	-
345	P	-
349	V	-
350	LG	-
353	P	-
357	B	-
358	W/G	- [With Forest Air]
358	W	- [Without Forest Air]

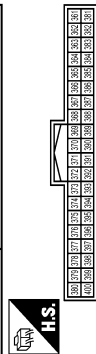
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

CONNECTOR INFORMATION

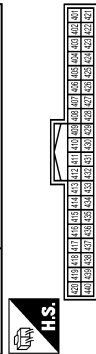
< WIRING DIAGRAM >

MAIN HARNESS

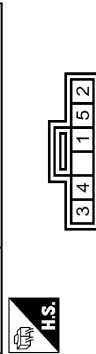
Connector No.	M29
Connector Name	POB HARNESS
Connector Type	TH40FB NH



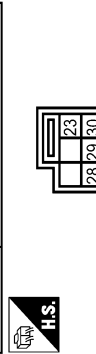
Connector No.	M30
Connector Name	PCB HARNESS
Connector Type	TH40FW NH



Connector No.	M31
Connector Name	TILT & TELESCOPIC SWITCH
Connector Type	TK08FGY



Connector No.	M35
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY-EX-1V

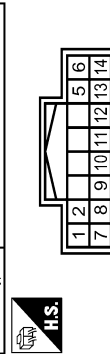


Terminal No.	Color of Wire	Signal Name [Specification]
361	Y	-
363	W	-
364	SHIELD	-
365	SHIELD	-
366	SHIELD	-
367	B	-
368	G	-
369	B	-
370	G	-
371	W	-
372	R	-
373	BR	-
374	BG	-
375	BG	-
376	V	-
378	B	-
379	R	-
380	R	-
382	V	-
385	B	-
386	W	-
387	R	-
388	G	-
389	R	-
390	W	-
391	G	-
392	B	-
395	P	-
396	L	-
397	G	-
398	L	-
399	SHIELD	-
400	V	-

Terminal No.	Color of Wire	Signal Name [Specification]
402	R	-
403	R	-
404	SHIELD	-
405	SHIELD	-
407	V	-
408	B	-
409	B	-
410	B	-
411	B	-
413	Y	-
416	LG	-
417	B	-
419	SB	-
422	V	-
423	SHIELD	-
427	P	-
428	V	-
430	LG	-
431	B	-
432	Y	-
435	V	-
436	BG	-
437	B	-
438	P	-
439	L	-

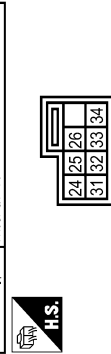
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	W	TELESCOPIC FR
3	G	TELESCOPIC RR
4	Y	TILT UP
5	SB	TILT DOWN

Connector No.	M33
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-NH



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

Connector No.	M36
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY-1V



Terminal No.	Color of Wire	Signal Name [Specification]
1	W/L	FR WASHER (-)
2	SB	OUTPUT 4
5	L	OUTPUT 3
6	B	GND
7	V	INPUT 3
8	BG	OUTPUT 5
9	Y	INPUT 2
10	R	INPUT 4
11	LG	INPUT 1
12	P	OUTPUT 1
13	BR	INPUT 5
14	G	OUTPUT 2

Terminal No.	Color of Wire	Signal Name [Specification]
24	P	-
25	SB	-
26	B	-
31	L	-
32	Y	-
33	B	-
34	LG	-

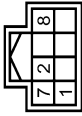
JRMWD0057GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

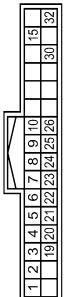
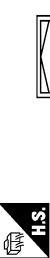
MAIN HARNESS

Connector No.	M37
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
7	B	GND
8	G	IGN

Connector No.	M43
Connector Name	LOW TIRE PRESSURE WARNING CONTROL UNIT
Connector Type	TH02FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	CAN- (L)
2	L	CAN+ (H)
3	B	RR TUNER (SIG)
4	B	RL TUNER (SIG)
5	B	FR TUNER (SIG)
6	G	FL TUNER (SIG)
7	R	RR TUNER (VCC)
8	W	RL TUNER (VCC)
9	W	FR TUNER (VCC)
10	W	FL TUNER (VCC)
15	Y	IGN
19	G	RR TUNER (RSS)
20	G	RL TUNER (RSS)
21	G	FR TUNER (RSS)
22	R	FL TUNER (RSS)
23	W	RR TUNER (GND)
24	R	RL TUNER (GND)
25	R	FR TUNER (GND)

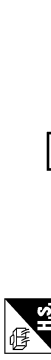
26	B	FL TUNER (GND)
30	G	BCM FLASHER
32	B	GND



Connector No.	M45
Connector Name	WARNING BUZZER
Connector Type	NSM4FBR-CS

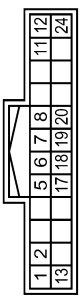
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGN
2	W	BUZ
3	B	GND

Connector No.	M46
Connector Name	SUNLOAD SENSOR
Connector Type	TC03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	LH SIG
2	P	RH SIG
3	W	PHR

Connector No.	M47
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGNITION SIGNAL
2	SB	SONAR SYSTEM OFF SWITCH SIGNAL
5	W	CORNER SENSOR SIGNAL REAR LH
6	B	CORNER SENSOR SIGNAL REAR RH
7	G	CENTER SENSOR SIGNAL REAR LH
8	R	CENTER SENSOR SIGNAL REAR RH
11	B	SONAR SYSTEM OFF SWITCH INDICATOR SIGNAL
12	B	SENSOR GROUND
13	L	ACC POWER SUPPLY
17	BG	REVERSE RANGE SIGNAL
18	V	K-LINE (CONSULT)
19	SB	AV COMMUNICATION SIGNAL (H)
20	LG	AV COMMUNICATION SIGNAL (L)
24	B	GROUND

Connector No.	M48
Connector Name	TILT MOTOR
Connector Type	NSM0FW-CS



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

Connector No.	M49
Connector Name	TELESCOPIC MOTOR
Connector Type	NS06FW-CS



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

Connector No.	M50
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TK08FBR



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

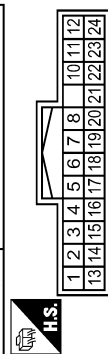
A B C D E F G H I J K L PG N O P

CONNECTOR INFORMATION

< WIRING DIAGRAM >

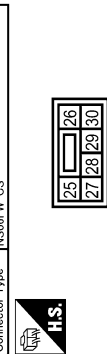
MAIN HARNESS

Connector No.	M51
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	TH24FW-NH



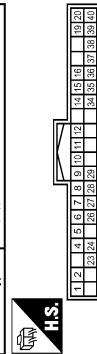
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	TILT SW (UPWARD)
2	V	MIRROR SELECT SW (RH)
3	Y	MIRROR SW (UPWARD)
4	V	MIRROR SW (LEFTWARD)
5	BR	MIRROR SENSOR (RH VERTICAL)
6	BR	MIRROR SENSOR (LH VERTICAL)
7	W	TELESCOPIC SW (FRONTWARD)
8	LG	PX/TX
10	BR	MIRROR MOTOR (RH VERTICAL)
11	L	MIRROR MOTOR (RH HORIZONTAL)
12	G	MIRROR MOTOR (LH COMMON)
13	SB	TILT SW (DOWNWARD)
14	BG	MIRROR SELECT SW (LH)
15	L	MIRROR SW (DOWNWARD)
16	V	MIRROR SW (RIGHTWARD)
17	G	MIRROR SENSOR (RH HORIZONTAL)
18	G	MIRROR SENSOR (LH HORIZONTAL)
19	G	TELESCOPIC SW (BACKWARD)
20	Y	GND (SENSOR)
21	GR	POWER SUPPLY (SENSOR)
22	Y	MIRROR MOTOR (RH COMMON)
23	BG	MIRROR MOTOR (LH VERTICAL)
24	GR	MIRROR MOTOR (LH HORIZONTAL)

Connector No.	M52
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS06FW-GS



Terminal No.	Color of Wire	Signal Name [Specification]
25	W	BAT (G/B)
26	L	TELESCOPIC MOTOR (BACKWARD)
27	P	POWER SUPPLY (SENSOR)
28	G	TILT MOTOR (DOWNWARD)
29	LG	TILT MOTOR (UPWARD)
30	B	GND

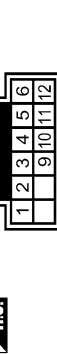
Connector No.	M53
Connector Name	COMBINATION METER
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BATTERY POWER SUPPLY
2	BG	IGNITION SIGNAL
4	R	VEHICLE SPEED SIGNAL (θ-PULSE)
5	B	ILLUMINATION CONTROL SIGNAL
6	B	METER CONTROL SWITCH GROUND
7	SB	ENTER SWITCH SIGNAL
8	LG	SELECT SWITCH SIGNAL
9	G	ILLUMINATION CONTROL SWITCH SIGNAL (+)
10	GR	ILLUMINATION CONTROL SWITCH SIGNAL (-)
11	L	TRIP RESET SWITCH SIGNAL
12	B	GROUND
14	L	CAN-H
15	P	CAN-L
16	R	AIR BAG SIGNAL
19	GR	COMMUNICATION SIGNAL (VSP → METER)
20	BG	COMMUNICATION SIGNAL (METER → VSP)
23	B	GROUND
24	B	FUEL LEVEL SENSOR GROUND
26	V	PARKING BRAKE SWITCH SIGNAL
27	V	BRAKE FLUID LEVEL SWITCH SIGNAL
28	G	SECURITY SIGNAL
29	L	WASHER LEVEL SWITCH SIGNAL
34	G	FUEL LEVEL SENSOR SIGNAL
35	W	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	G	PASSENGER SEAT BELT WARNING SIGNAL
37	G	NON-MANUAL MODE SIGNAL
38	V	MANUAL MODE SHIFT DOWN SIGNAL
39	L	MANUAL MODE SHIFT UP SIGNAL

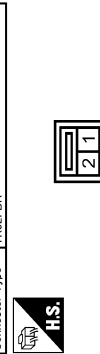
40	W	MANUAL MODE SIGNAL
----	---	--------------------

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



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

Connector No.	M55
Connector Name	CENTER SPEAKER
Connector Type	TK02FB



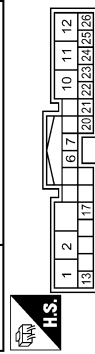
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	P	-

Connector No.	M55
Connector Name	CIRCUIT BREAKER
Connector Type	MQ2FW-LC



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

Connector No.	M56
Connector Name	A/C AUTO AMP
Connector Type	TH20FW-TB6



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

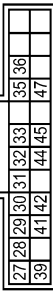
CONNECTOR INFORMATION

< WIRING DIAGRAM >

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

MAIN HARNESS

Connector No.	M67
Connector Name	A/C AUTO AMP.
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
27	Y	TX
28	G	RX
29	G	-
30	L	EXH GAS / OUTSIDE ODOR DETECTING SENSOR SIGNAL
31	BG	AMBIENT SENSOR SIGNAL
32	LG	IN-VEHICLE SENSOR SIGNAL
33	LG	HUMIDITY SENSOR WINDOW TEMPERATURE SIGNAL
35	L	SUNLOAD SENSOR (DR) SIGNAL
36	V	INSIDE ODOR DETECTING SENSOR SIGNAL
39	W	SENSOR POWER SUPPLY
41	L	HEATED STEERING WHEEL RELAY CONTROL SIGNAL
42	W	IONIZER CONTROL SIGNAL
44	B	GROUND
45	G	HEATED STEERING WHEEL SWITCH SIGNAL
47	P	SUNLOAD SENSOR (PASS) SIGNAL

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



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

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



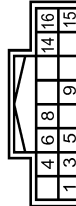
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	R	-
3	BR	-
5	BG	-

Connector No.	M71
Connector Name	HEATED STEERING WHEEL
Connector Type	MS02FW-CS



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

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH06FW-NH



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

1	B	GND
3	V	ACC
4	R	ILL
5	B	ILL CONT
6	SB	AV COMM (H)
8	LG	AV COMM (L)
9	BR	SW GND
14	SB	DISK EJECT SIGNAL
15	R	AIR BAG CUT OFF
16	G	HAZARD ON

Connector No.	M73
Connector Name	INSIDE ODOR DETECTING SENSOR
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	SENS SIG
2	B	SENS GRD
3	B	GND
4	LG	IGN

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



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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

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

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

36	R	- [Without 10 speakers]
37	G	- [With BOSE audio]
38	BR	- [Without BOSE audio]
39	SHIELD	-
39	O	- [With 10 speakers]
39	P	- [Without BOSE audio]
39	L	- [With 10 speakers]
40	W	- [Without BOSE audio]
40	L	- [With 16 speakers]
40	G	- [Without BOSE audio]

Connector No.	M81
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2

Terminal No.	19	2	3	4	5	6	7	9	20
Color of Wire	BR	Y	G	LG	SB	LG	SB	LG	SB
Signal Name [Specification]	-	-	-	-	-	-	-	-	-

Terminal No.	2	3	4	5	6	7	9	11	12	13	14	15	16	18	19	20
Color of Wire	G	L	GR	G	P	V	SB	BR	R	P	V	B	L	Y	B	
Signal Name [Specification]	SOUND SIGNAL FRONT LH (+)	SOUND SIGNAL FRONT LH (-)	SOUND SIGNAL REAR LH (+)	SOUND SIGNAL REAR LH (-)	STRG SW A	ACC	ILLUMINATION	SOUND SIGNAL FRONT RH (+)	SOUND SIGNAL FRONT RH (-)	SOUND SIGNAL REAR RH (+)	SOUND SIGNAL REAR RH (-)	STRG SW GND	STRG SW B	BATTERY	GND	

Connector No.	M82
Connector Name	AV CONTROL UNIT
Connector Type	TH24FW-NH

Terminal No.	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	57	58
Color of Wire	BG	B	G	Y	R	SHIELD	W	R	B	B	W	SB	L	LG	B	BR	SHIELD	SHIELD	SHIELD
Signal Name [Specification]	SIGNAL VCC	SIGNAL GND	HP	COMM (DISP->CONT)	RGB AREA (YS) SIGNAL	SHIELD	RGB SYNC	RGB (RED) SIGNAL	RGB (GREEN) SIGNAL	RGB (BLUE) SIGNAL	COMPOSITE IMAGE GND	COMPOSITE IMAGE SIGNAL	INVERTER VCC	INVERTER GND	VP	COMM (CONT->DISP)	SHIELD	SHIELD	SHIELD

Terminal No.	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	57	58
Color of Wire	BG	B	G	Y	R	SHIELD	W	R	B	B	W	SB	L	LG	B	BR	SHIELD	SHIELD	SHIELD
Signal Name [Specification]	SIGNAL VCC	SIGNAL GND	HP	COMM (DISP->CONT)	RGB AREA (YS) SIGNAL	SHIELD	RGB SYNC	RGB (RED) SIGNAL	RGB (GREEN) SIGNAL	RGB (BLUE) SIGNAL	COMPOSITE IMAGE GND	COMPOSITE IMAGE SIGNAL	INVERTER VCC	INVERTER GND	VP	COMM (CONT->DISP)	SHIELD	SHIELD	SHIELD

Connector No.	M83
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-NH

Terminal No.	62	71	72	73
Color of Wire	W	SHIELD	B	
Signal Name [Specification]	CAMERA IMAGE SIGNAL	SHIELD	CAMERA GND	

Terminal No.	73	W	
Color of Wire	W		
Signal Name [Specification]	CAMERA POWER SUPPLY		

Connector No.	M84
Connector Name	AV CONTROL UNIT
Connector Type	TH42FW-NH

Terminal No.	76	77	78	79	80	81	82	86	87	88	92	93	94	95	96
Color of Wire	LG	SB	LG	SB	L	BR	SHIELD	P	SHIELD	L	R	V	O	W	SB
Signal Name [Specification]	AV COMM (L)	AV COMM (H)	AV COMM (L)	AV COMM (H)	CAN-L	CAN-H	SW GND	SHIELD	SHIELD	TEL VOICE SIGNAL (+)	TEL VOICE SIGNAL (-)	VEHICLE SPEED (8-PULSE)	PARKING BRAKE	REVERSE	IGNITION

JRMWD0061GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M85
Connector Name	AV CONTROL UNIT
Connector Type	A12FW



Terminal No.	Color of Wire	Signal Name [Specification]
120	B	SATELLITE RADIO SOUND SIGNAL LH (+)
121	G	SATELLITE RADIO SOUND SIGNAL RH (+)
122	O	COMM (CONT->SAT)
124	W	SATELLITE RADIO SOUND SIGNAL LH (-)
125	R	SATELLITE RADIO SOUND SIGNAL RH (-)
126	SHIELD	SHIELD
127	SHIELD	SHIELD
129	Y	REQUEST (SAT->CONT)
130	BR	COMM (SAT->CONT)

Connector No.	M86
Connector Name	AV CONTROL UNIT
Connector Type	HAAQFL



Terminal No.	Color of Wire	Signal Name [Specification]
132	G	USE GND
133	R	USE D- SIGNAL
134	W	V BUS SIGNAL
135	L	USE D+ SIGNAL
136	SHIELD	SHIELD

Connector No.	M88
Connector Name	YAW RATE / SIDE / DECEL G SENSOR
Connector Type	SC208FB



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

Connector No.	M90
Connector Name	USE CONNECTOR
Connector Type	HAAQHG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	V-BUS
2	L	USB D+
3	G	USB GND
4	R	USB D-
5	SHIELD	SHIELD

Connector No.	M91
Connector Name	WIRE TO WIRE
Connector Type	TK02FBR



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

Connector No.	M92
Connector Name	WIRE TO WIRE
Connector Type	TK02MBR-P



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

Connector No.	M93
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW



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

Connector No.	M94
Connector Name	OPTICAL SENSOR
Connector Type	TK03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	POWER
2	W	OUTPUT
3	B	GND

Connector No.	M98
Connector Name	IONIZER
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	IGN
3	R	GND
4	W	IGN ON / OFF

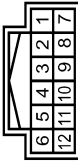
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M100
Connector Name	WIRE TO WIRE
Connector Type	TH12PW-NH



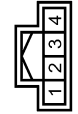
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	V	-
3	SHIELD	-
4	G	-
5	R	-
6	SHIELD	-
10	L	-
11	P	-
12	SHIELD	-

Connector No.	M101
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	RK0MFY-BD



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

Connector No.	M104
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	BR	SIGNAL OUTPUT
3	GR	RSSI
4	R	BATTERY

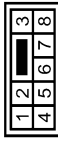
Connector No.	M105
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



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

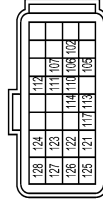
25	W	-
27	SB	-
29	B	-
30	R	-
31	BR	-
32	L	-
33	G	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-GS



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

Connector No.	M107
Connector Name	ECM
Connector Type	RH24FCY-R2B-R-RH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
102	P	EVAP CONTROL SYSTEM PRESSURE SENSOR

105	LG	REFRIGERANT PRESSURE SENSOR
106	P	FUEL TANK TEMPERATURE SENSOR
107	BG	SENSOR POWER SUPPLY X
110	V	ENGINE SPEED OUTPUT SIGNAL
111	Y	SENSOR POWER SUPPLY
112	V	SENSOR GROUND
113	P	CAN COMMUNICATION LINE
114	L	CAN COMMUNICATION LINE
117	V	DATA LINK CONNECTOR
121	LG	EVAP CANISTER VENT CONTROL VALVE
122	P	STOP LAMP SWITCH
123	B	ECM GROUND
124	B	ECM GROUND
125	SB	POWER SUPPLY FOR ECM
126	BR	BRAKE SWITCH
127	B	ECM GROUND
128	B	ECM GROUND

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	SM402FW



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

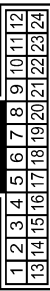
JRMWD0063.GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

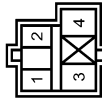
MAIN HARNESS

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



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

Connector No.	M112
Connector Name	POWER TRANSISTOR
Connector Type	SLEB3FW-SMA2



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

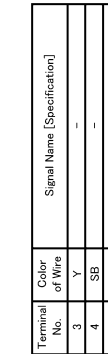
1	R	FAN F/B
2	L	FANOUT
3	R	SG
4	B	GND



Connector No.	M114
Connector Name	FOOT LAMP (PASSENGER SIDE)
Connector Type	C102FW



Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK36MW-NS10

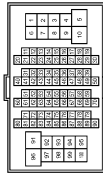


Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
4	SB	-
5	B	-
6	Y	-
8	Y	-
11	L	-
12	G	-
13	V	-
14	R	-
15	Y	-
16	G	-
17	B	-
18	W	-
19	BR	-

23	R	-
25	B	-
26	L	-



Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

57	SHIELD	-
58	R	-
59	W	-
61	LG	-
62	V	-
63	R	-
64	W	-
66	L	-
67	P	-
68	SB	-
69	B	-
70	R	-
76	SHIELD	-
77	G	-
78	R	-
79	L	-
80	G	-
81	BG	-
82	BR	-
83	GR	-
84	V	-
85	LG	-
86	V	-
87	R	-
88	Y	-
89	BR	-
90	L	-
91	Y	-
94	V	-
96	W	-
97	Y	-
98	BR	-
99	G	-
100	Y	-

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

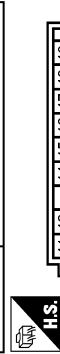
Connector No.	M120
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



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

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

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FB-FHA6-SA



41	42	44	45	46	47	48	49	51	53	55
41	42	43	44	45	46	47	48	49	50	51

Terminal No.	Color of Wire	Signal Name [Specification]
41	W	TR KEY CYLINDER SW
42	R	TRUNK LID OPEN/CLOSE STATUS
44	V	TR LID OP-CANCEL SW
45	GR	PASSENGER DOOR SW
46	BR	REAR RH DOOR SW
47	LG	DRIVER DOOR SW
48	P	REAR LH DOOR SW
49	SB	TR ROOM LAMP CONT
51	BG	TR LID OPEN REQ SW
53	LG	TRUNK LID OPEN REQUEST
55	BR	RR DOOR UNLK OUTPUT

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA08FW-FHA6-SA

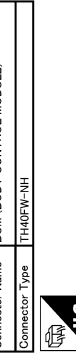


56	57	58	59	60	61	62	63	65	66	67	68	69	70
56	57	58	59	60	61	62	63	64	65	66	67	68	69

Terminal No.	Color of Wire	Signal Name [Specification]
56	R	INT ROOM LAMP PWR SPL Y
57	R	BAT
58	L	SENS CANCEL SW
59	G	PASS DOOR UNLK OUTPUT
60	G	TURM SIG LH OUTPUT
61	V	TURM SIG RH OUTPUT
62	V	STEP LAMP CONT
63	L	ROOM LAMP TIMER CONT
65	V	ALL DOOR FL LID LOCK OUTPUT
66	LG	DR DOOR FL LID UNLK OUTPUT
67	B	GND

68	BG	PW PWR SPL Y (IGN)
69	Y	PW PWR SPL Y (BAT)
70	W	BAT

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



71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90

Terminal No.	Color of Wire	Signal Name [Specification]
72	B	OUTS HD LAMP OUTPUT
73	V	ON IND
74	G	DR DOOR REQ SW
76	BR	ENG START SWITCH [For Canada]
78	SB	ENG START SWITCH [For USA]
79	SB	DRIVER DOOR ANT+
80	LG	PASSENGER DOOR ANT+
81	V	PASSENGER DOOR ANT-
82	V	REAR BMRP ANT+
83	SB	REAR BMRP ANT-
84	BR	ROOM ANT 1+
85	Y	ROOM ANT 1-
86	R	ROOM ANT 2+
87	G	ROOM ANT 2-
88	V	TRUNK ROOM ANT+
89	SB	TRUNK ROOM ANT-
90	R	PUSH-BTN IGN SW ILL PWR
91	GR	LOCK IND
92	B	PUSH-BTN IGN SW ILL GND
93	V	F-KEY WARN BUZZER
96	SB	ACC RELAY CONT
97	SB	STARTER RELAY CONT
98	B	IGN RELAY (PDM/E/R) CONT
99	R	IGN RELAY (F/B) CONT
100	SB	AS REQUEST SW [For Canada]
100	BR	AS REQUEST SW [For USA]
102	BR	P/N POSITION
104	GR	A/T SHIFT SELECT PWR SPL Y
105	R	STOP LAMP SW 2
106	B	BLWR RELAY CONT
109	Y	ACC IND

Connector No.	M130
Connector Name	NATS ANTENNA AMP
Connector Type	TH40FW-NH



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

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

JRMWD0065GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M131
Connector Name	INSIDE KEY ANTENNA (INSTRUMENT CENTER)
Connector Type	PK02FL



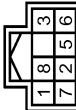
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	ANT+
2	Y	ANT-

Connector No.	M132
Connector Name	CIGARETTE LIGHTER SOCKET
Connector Type	NS03PW-CS



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

Connector No.	M134
Connector Name	OPTION CONNECTOR
Connector Type	TH08PW-NH



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

2	W	BAT
3	L	TAIL LAMP
5	P	BATTERY SAVER OUTPUT
6	B	GND
7	LG	FR DOOR SW LH
8	GR	FR DOOR SW RH

Connector No.	M135
Connector Name	WIRE TO WIRE
Connector Type	TH02PW-NH



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

27	B	- [With heated seat]
28	B	-
29	B	-
30	V	-
32	L	-

Connector No.	M137
Connector Name	A/T SHIFT SELECTOR
Connector Type	TK10FW



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

Connector No.	M139
Connector Name	WARNING BUZZER
Connector Type	TK02FBR



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

Connector No.	M141
Connector Name	VEHICLE SECURITY HORN RELAY
Connector Type	MS03FW-R-LC



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

Connector No.	M142
Connector Name	INSTRUMENTS VEHICLE BOUND FOR PEEK STRAITS (VSP) CONTROL UNIT
Connector Type	TH16FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
2	BG	COMMUNICATION SIGNAL (METER → VSP)
4	GR	COMMUNICATION SIGNAL (VSP → METER)
7	BR	VSP SPEAKER SIGNAL (-)
8	LG	VSP SPEAKER SIGNAL (+)
10	V	K-LINE (CONSULT)
11	R	IGNITION SIGNAL
12	P	STOP LAMP SWITCH SIGNAL
13	W	BATTERY POWER SUPPLY

JRMWD0066GB

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



CONNECTOR INFORMATION

< WIRING DIAGRAM >

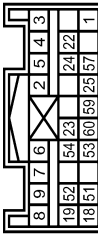
MAIN HARNESS

Connector No.	M146
Connector Name	INSIDE KEY ANTENNA (CONSOLE)
Connector Type	PK02FL



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

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NR28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	GND
3	Y	DR 1 (+)
4	Y	DR 1 (-) DR 2 (-)
5	Y	DR 2 (+)
6	Y	AS 1 (+)
7	Y	AS 1 (-)
8	Y	AS 2 (+)
9	Y	AS 2 (-)
18	SB	ECZS (+)
19	V	ECZS (-)
22	SHIELD	GND
23	R	AIR BAG W/L
24	G	SEAT BELT
25	R	CUTOFF TELLTALE
51	G	SATELLITE RH 2 (+)
52	R	SATELLITE RH 2 (-)
53	P	SATELLITE RH 2 (+)
54	L	SATELLITE RH 2 (-)
57	L	IVCS

59	L	CAN-H
60	P	CAN-L

Connector No.	M148
Connector Name	CONSOLE POWER SOCKET
Connector Type	P02FB-Z



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

Connector No.	M150
Connector Name	WIRE TO WIRE
Connector Type	RH12FB



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

Connector No.	M151
Connector Name	WIRE TO WIRE
Connector Type	RH12MB



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

Connector No.	M152
Connector Name	ACCELERATOR PEDAL ACTUATOR
Connector Type	RH09FLGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	BATTERY
2	B	GND
3	R	IGNITION
4	Y	ITS COMM-L
5	L	ITS COMM-H

Connector No.	M153
Connector Name	ACCELERATOR PEDAL POSITION SENSOR
Connector Type	FR08FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	ACCELERATOR PEDAL POSITION SENSOR 2
2	B	SENSOR GROUND
3	L	SENSOR POWER SUPPLY
4	R	ACCELERATOR PEDAL POSITION SENSOR 1
5	W	SENSOR GROUND
6	G	SENSOR POWER SUPPLY

Connector No.	M155
Connector Name	DONGLE UNIT
Connector Type	NS08FBR-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
7	L	INTERFACE

JRMWD0067GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

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



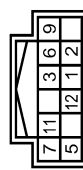
Terminal No.	Color of Wire	Signal Name [Specification]
2	R	-
3	B	-
5	R	-
6	BR	-
7	L	-
8	P	-
9	W	-
10	W	-
11	LG	-
12	SB	-
14	SB	-
15	BR	-
16	V	-
18	G	-
19	B	-
20	V	-
22	BG	-
23	B	-
25	W	-
27	SB	-
29	B	-
30	R	-
31	BR	-
32	L	-
33	P	-
34	LG	-
35	W	-
36	LG	-
37	L	-
38	R	-

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



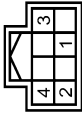
Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	M-CAN L
4	B	EARTH
5	B	EARTH
6	L	VEHCAN-HI
7	V	KLINE
8	LG	IGN SW
11	SB	M-CAN-H
12	P	HEVCAN-L
13	L	HEVCAN-H
14	P	VEHCAN-LI
16	W	POWER

Connector No.	M183
Connector Name	TRIPLE SWITCH
Connector Type	TH2FEB-NH



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

Connector No.	M184
Connector Name	IBA OFF SWITCH
Connector Type	TH08FGY-NH



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

Connector No.	M185
Connector Name	IN-VEHICLE SENSOR
Connector Type	TK02FW-2V



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

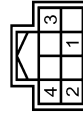
Connector No.	M186
Connector Name	FOOT LAMP (DRIVER SIDE)
Connector Type	CO2FW



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

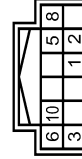
1	R	-
2	BR	-

Connector No.	M187
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TH08FEB-NH



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

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



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

JRMWD0068GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M195
Connector Name	DISPLAY UNIT
Connector Type	TH24FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	L	INVERTER VCC
3	BG	SIGNAL VCC
4	V	COMPOSITE IMAGE SIGNAL GND
5	SHIELD	SHIELD
6	B	RGB (G.GREEN) SIGNAL
7	SHIELD	SHIELD
8	G	HP
9	R	RGB AREA (YS) SIGNAL
11	BR	COMM (CONT->DISP)
13	LG	INVERTER GND
14	B	SIGNAL GND
15	SB	COMPOSITE IMAGE SIGNAL
17	R	RGB (R.RED) SIGNAL
18	W	RGB (B.BLUE) SIGNAL
19	W	RGB SYNC
20	B	VIP
21	SHIELD	SHIELD
22	Y	COMM (DISP->CONT)
23	SHIELD	SHIELD

Connector No.	M198
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



6	5	4	3	2	1
---	---	---	---	---	---

Terminal No.	Color of Wire	Signal Name [Specification]
1	P	IN2
2	V	INT1

3	R	ILL+
4	B	ILL-
5	W	IGN
6	B	GND

Connector No.	M199
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



6	5	4	3	2	1
---	---	---	---	---	---

Terminal No.	Color of Wire	Signal Name [Specification]
1	L	IN2
2	G	INT1
3	R	ILL+
4	R	ILL-
5	Y	IGN
6	B	GND

Connector No.	M200
Connector Name	WIRE TO WIRE
Connector Type	TH18FW-NH



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

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

11	B	-
12	W	-
13	SHIELD	-
14	Y	-
15	O	-
16	BR	-

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



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

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

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



2	1
---	---

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

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



1	2	3	4
6	7	8	9

Terminal No.	Color of Wire	Signal Name [Specification]
1	W	DATA1
2	L	DATA2
3	G	DATA3
4	Y	DATA4
6	B	GND
7	B	ILL-CONT
9	R	ILL+

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	V	-
3	P	-
4	BR	- [BOSE audio with DCM]
5	GR	- [BOSE audio without DCM]
6	B	-
7	R	-
8	B	-

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



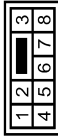
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-
4	BG	-
5	V	-
6	B	-
7	R	-
8	B	-

Connector No.	M206
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



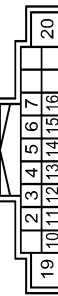
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BG	-
3	V	- [BOSE audio with DCM]
3	SB	- [BOSE audio without DCM]
4	SB	-
5	B	-
6	G	-
7	R	-
8	SHIELD	-

Connector No.	M207
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



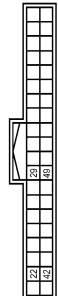
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	BG	- [With BOSE audio]
2	O	- [Without BOSE audio]
3	V	-
4	SB	-
5	B	-
6	G	-
7	R	-
8	SHIELD	-

Connector No.	M208
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



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

Connector No.	M209
Connector Name	AV CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
22	W	CAMERA POWER SUPPLY
23	SB	DISK EJECT SIGNAL
42	B	CAMERA GND
49	BR	SW GND

Connector No.	M210
Connector Name	AV CONTROL UNIT
Connector Type	TH42FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
65	V	PARKING BRAKE SIGNAL
67	R	COMPOSITE IMAGE SIGNAL GND
68	W	COMPOSITE IMAGE SIGNAL
69	G	I-KEY IDENTIFICATION SIGNAL
70	P	-
71	SHIELD	MICROPHONE SHIELD
72	G	MICROPHONE VCC
73	BR	COMM (CONT->DISP)
74	P	CAN-L
75	LG	AV COMM (L)
76	LG	AV COMM (L)
79	SB	DIMMER SIGNAL
80	W	IGNITION SIGNAL
81	BG	REVERSE SIGNAL
82	R	VEHICLE SPEED SIGNAL (8-PULSE)
83	SHIELD	SHIELD
84	B	COMPOSITE IMAGE SYNC SIGNAL
87	R	MICROPHONE SIGNAL
88	SHIELD	SHIELD
89	Y	COMM (DISP->CONT)
90	L	CAN-H
91	SB	AV COMM (H)
92	SB	AV COMM (H)

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

PG

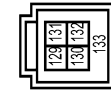
JRMWD0070GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

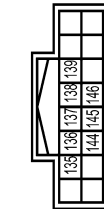
MAIN HARNESS

Connector No.	M212
Connector Name	AV CONTROL UNIT
Connector Type	HAAQFEL



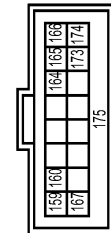
Terminal No.	Color of Wire	Signal Name [Specification]
129	G	USE GND
130	R	USE D- SIGNAL
131	W	V BUS SIGNAL
132	L	USE D+ SIGNAL
133	SHIELD	SHIELD

Connector No.	M213
Connector Name	AV CONTROL UNIT
Connector Type	TH16FW-NH



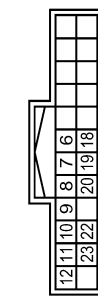
Terminal No.	Color of Wire	Signal Name [Specification]
135	G	VOICE GUIDANCE SIGNAL (+)
136	R	VOICE GUIDANCE SIGNAL (-)
137	SB	SOUND SIGNAL WOOFER +
138	L	SOUND SIGNAL CENTER SPEAKER+
139	B	SHIELD
144	SHIELD	SHIELD
145	V	SOUND SIGNAL WOOFER -
146	P	SOUND SIGNAL CENTER SPEAKER-

Connector No.	M214
Connector Name	AV CONTROL UNIT
Connector Type	HAA18FGY



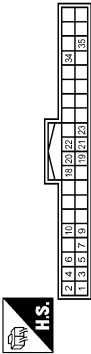
Terminal No.	Color of Wire	Signal Name [Specification]
159	Y	U-VOICE SIGNAL
160	B	VOICE GROUND
164	V	MANUFACTURE SPECIFIC SIGNAL
165	BR	USB V BUS SIGNAL
166	L	USB D- SIGNAL
167	G	D-VOICE SIGNAL
173	B	USB GROUND
174	R	USB D+ SIGNAL
175	SHIELD	SHIELD

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



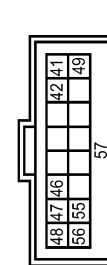
Terminal No.	Color of Wire	Signal Name [Specification]
6	SHIELD	SHIELD
7	SHIELD	SHIELD
8	W	CAMERA IMAGE SIGNAL
9	Y	COMM (DISP->CONT)
10	BR	COMM (CONT->DISP)
11	Y	BATTERY
12	B	GND
18	W	COMPOSITE IMAGE SIGNAL
19	R	COMPOSITE IMAGE GND
20	B	COMPOSITE IMAGE SYNC SIGNAL
22	SHIELD	SHIELD
23	V	ACC

Connector No.	M216
Connector Name	TCU
Connector Type	TH46FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
2	B	GROUND
3	SB	ACC POWER SUPPLY
4	W	IGNITION SIGNAL
5	V	ACC OUTPUT
6	P	-
7	B	GROUND
9	L	CAN-H
10	P	CAN-L
18	G	MICROPHONE VCC
19	R	MICROPHONE SIGNAL
20	SHIELD	MICROPHONE SHIELD
21	G	MICROPHONE VCC
22	R	MICROPHONE SIGNAL
23	SHIELD	MICROPHONE SHIELD
34	G	SOS CALL SWITCH LED SIGNAL
35	BR	SOS CALL SWITCH LED SIGNAL

Connector No.	M217
Connector Name	TCU
Connector Type	HAA18FGY



Terminal No.	Color of Wire	Signal Name [Specification]
41	Y	U-VOICE SIGNAL
42	B	VOICE GROUND
46	V	MANUFACTURE SPECIFIC SIGNAL
47	BR	USE V BUS SIGNAL
48	L	USE D- SIGNAL

49	G	D-VOICE SIGNAL
55	B	USB GROUND
56	R	USB D- SIGNAL
57	SHIELD	SHIELD

Connector No.	M203
Connector Name	COMBINATION SWITCH (SERIAL CABLE)
Connector Type	TK08FGY



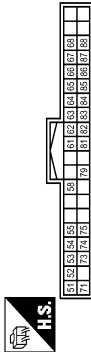
Terminal No.	Color of Wire	Signal Name [Specification]
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-

CONNECTOR INFORMATION

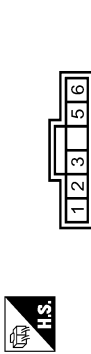
< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M304
Connector Name	A/C AUTO AMP.
Connector Type	TH4UFW-NH



Connector No.	M305
Connector Name	AROMA MOTOR
Connector Type	-



Connector No.	M307
Connector Name	MODE DOOR MOTOR RH
Connector Type	-



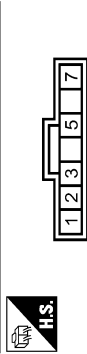
Connector No.	M309
Connector Name	INTAKE DOOR MOTOR
Connector Type	-



Terminal No.	Color of Wire	Signal Name [Specification]
51	B	INTAKE SENSOR SIGNAL
52	W/R	AROMA MOTOR PBR F/B SIGNAL
53	G	AIR MIX DOOR MOTOR (DR) PBR F/B SIGNAL
54	P	MODE DOOR MOTOR (DR) PBR F/B SIGNAL
55	L/B	INTAKE DOOR MOTOR PBR F/B SIGNAL
58	P/B	RR MODE DOOR MOTOR PBR F/B SIGNAL
61	BR	AIR MIX DOOR MOTOR (DR) COOL DRIVE SIGNAL
62	G/R	AROMA MOTOR (FRAGMENT WOOD) DRIVE SIGNAL
63	V	MODE DOOR MOTOR (DR) VENT DRIVE SIGNAL
64	R/B	MODE DOOR MOTOR (PASS) VENT DRIVE SIGNAL
65	L/R	INTAKE DOOR MOTOR REC DRIVE SIGNAL
66	BR/B	UP VENT DOOR MOTOR CLOSE DRIVE SIGNAL
67	LG	RR MODE DOOR MOTOR (PASS) HOT DRIVE SIGNAL
68	R/W	AIR MIX DOOR MOTOR (PASS) HOT DRIVE SIGNAL
71	R	EACH DOOR MOTOR PBR POWER SUPPLY
73	SB	MODE DOOR MOTOR (PASS) PBR F/B SIGNAL
74	L	AIR MIX DOOR MOTOR (PASS) PBR F/B SIGNAL
75	G/B	UP VENT DOOR MOTOR PBR F/B SIGNAL
79	W	INTAKE SENSOR (GROUND) / EACH DOOR MOTOR (PBR GROUND)
81	Y	AIR MIX DOOR MOTOR (DR) HOT DRIVE SIGNAL
82	LG/R	AROMA MOTOR (LEAF SCENT) DRIVE SIGNAL
83	B	MODE DOOR MOTOR (DR) DEF DRIVE SIGNAL
84	W/B	MODE DOOR MOTOR (PASS) DEF DRIVE SIGNAL
85	LG/B	INTAKE DOOR MOTOR FRE DRIVE SIGNAL
86	Y/B	UP VENT DOOR MOTOR OPEN DRIVE SIGNAL
87	GR	AIR MIX DOOR MOTOR (PASS) COOL DRIVE SIGNAL
88	B/W	RR MODE DOOR MOTOR FOOT DRIVE SIGNAL

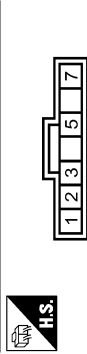
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	W/R	-
3	R	-
5	LG/R	-
6	GR	-

Connector No.	M306
Connector Name	AIR MIX DOOR MOTOR RH
Connector Type	-



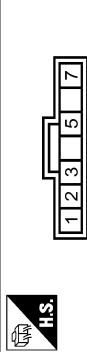
Terminal No.	Color of Wire	Signal Name [Specification]
1	R/B	-
2	W/B	-
3	SB	-
4	R	-
5	W	-

Connector No.	M308
Connector Name	MODE DOOR MOTOR RH
Connector Type	-



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

Connector No.	M310
Connector Name	INTAKE DOOR MOTOR
Connector Type	-



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	GR	-
3	L	-
5	W	-
7	R	-

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

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

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

PG

JRMWD0072GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M312
Connector Name	UPPER VENTILATOR DOOR MOTOR
Connector Type	-



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

Connector No.	M313
Connector Name	UPPER VENTILATOR DOOR MOTOR
Connector Type	-



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

Connector No.	M314
Connector Name	INTAKE SENSOR
Connector Type	-



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

Connector No.	M315
Connector Name	AIR MIX DOOR MOTOR LH
Connector Type	-



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

Connector No.	M316
Connector Name	MODE DOOR MOTOR LH
Connector Type	-



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

Connector No.	M317
Connector Name	MODE DOOR MOTOR LH
Connector Type	-



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

Connector No.	M318
Connector Name	REAR MODE DOOR MOTOR
Connector Type	-



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

Connector No.	M319
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	ACAR2FY-2V



Terminal No.	Color of Wire	Signal Name [Specification]
10	-	-
11	-	-

Connector No.	M320
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	ACAR2FOR



Terminal No.	Color of Wire	Signal Name [Specification]
9	-	-
12	-	-

JRMWD0073GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M393	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	GT13SH-2/1S-HU		
Terminal No.	137	Color of Wire	
	138		
	139		
Terminal No.	137	Signal Name [Specification]	ANTENNA AMP. ON SIGNAL
	138		AM-FM MAIN
	139		FM SUB
Connector No.	M394	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	GT13SH-2/1S-HU		
Terminal No.	150	Color of Wire	
	151		
	152		
Terminal No.	150	Signal Name [Specification]	ANTENNA AMP. ON SIGNAL
	151		AM-FM MAIN
	152		FM SUB
Connector No.	M395	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	GT15-IS-HU		
Terminal No.	153	Color of Wire	
	154		
Terminal No.	153	Signal Name [Specification]	
	154		
Connector No.	M396	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	GT17HN-4DS-HU		
Terminal No.	157	Color of Wire	
	158		
Terminal No.	157	Signal Name [Specification]	RGB DIGITAL IMAGE SIGNAL (+)
	158		RGB DIGITAL IMAGE SIGNAL (-)
Connector No.	M397	Signal Name [Specification]	
Connector Name	DISPLAY UNIT		
Connector Type	GT17HN-4DS-HU		
Terminal No.	27	Color of Wire	
	28		
Terminal No.	27	Signal Name [Specification]	RGB DIGITAL IMAGE SIGNAL (+)
	28		RGB DIGITAL IMAGE SIGNAL (-)
Connector No.	M400	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	GT13SC-2/1S-HU		
Terminal No.	1	Color of Wire	
	2		
Terminal No.	1	Signal Name [Specification]	AM-FM MAIN
	2		ANTENNA AMP. ON SIGNAL
Connector No.	M401	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	GT13SC-2/1PP-HU		
Terminal No.	1	Color of Wire	
	2		
	3		
Terminal No.	1	Signal Name [Specification]	
	2		
	3		
Connector No.	M404	Signal Name [Specification]	
Connector Name	ANTENNA AMP.		
Connector Type	GT13SC-1/1S-HU		
Terminal No.	1	Color of Wire	
	2		
Terminal No.	1	Signal Name [Specification]	
	2		
Connector No.	M408	Signal Name [Specification]	
Connector Name	TCU		
Connector Type	GT16C-1P-DS		
Terminal No.	58	Color of Wire	
	59		
Terminal No.	58	Signal Name [Specification]	TEL. ANTENNA SIGNAL
	59		SHIELD
Connector No.	M406	Signal Name [Specification]	
Connector Name	WINDOW ANTENNA (MAIN)		
Connector Type	PR1FB-A		
Terminal No.	1	Color of Wire	
Terminal No.	1	Signal Name [Specification]	

JRMWD0074GB

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

CONNECTOR INFORMATION

< WIRING DIAGRAM >

MAIN HARNESS

Connector No.	M414
Connector Name	AV CONTROL UNIT
Connector Type	FAKRA



Terminal No.	Color of Wire	Signal Name [Specification]
176	-	SATELLITE RADIO ANTENNA
177	SHIELD	SHIELD

Connector No.	M415
Connector Name	WIRE TO WIRE
Connector Type	GT16C-IS+HU



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

Connector No.	M416
Connector Name	WIRE TO WIRE
Connector Type	GT16C-IPP+HU



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

Connector No.	M417
Connector Name	WIRE TO WIRE
Connector Type	GT16C-IS+HU



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

Connector No.	M418
Connector Name	WIRE TO WIRE
Connector Type	GT16C-IPP+HU



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

Connector No.	M419
Connector Name	SATELLITE RADIO ANTENNA
Connector Type	GT16C-IPP+HU



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

JRMWD0075GB

CONNECTOR INFORMATION

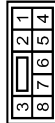
< WIRING DIAGRAM >

R Room Lamp Harness

INFOID:000000008272239

ROOM LAMP HARNESS

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	INS9FW-CS



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

Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH2AMW-NH

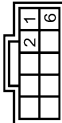


Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
5	SHIELD	-
6	R	-
7	G	-
8	B	-
9	B	-
10	P	-
11	BR	-
12	R	-
13	BR	-
14	V	-
17	LG	-
18	L	-
19	G	-
20	R	-

21	R	-
22	B	-
23	GR	-
24	P	-



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



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

Connector No.	R4
Connector Name	SUNROOF MOTOR ASSEMBLY
Connector Type	YEA10FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
3	BG	TIMER (IGN)
5	P	SW-BT 0
8	Y	SW-BT 1
8	GR	SPEED SENSOR (BP)
10	GR	SW-BT 1

Connector No.	R5
Connector Name	WIRE TO WIRE
Connector Type	A03MW



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

Connector No.	R6
Connector Name	HUMIDITY SENSOR
Connector Type	A08FW



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

Connector No.	R7
Connector Name	WIRE TO WIRE
Connector Type	TH2FW-NH



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

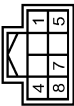
A
B
C
D
E
F
G
H
I
J
K
L
PG
N
O
P

CONNECTOR INFORMATION

< WIRING DIAGRAM >


ROOM LAMP HARNESS

Connector No. RB
 Connector Name LANE CAMERA UNIT
 Connector Type TR08FW-NH



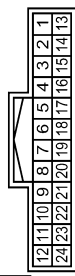
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
4	L	ITS COMM-H
5	B	GND
7	G	IGNITION
8	Y	ITS COMM-L

Connector No. RB9
 Connector Name RAIN SENSOR
 Connector Type AAB03FB




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

Connector No. RB11
 Connector Name WIRE TO WIRE
 Connector Type TR24FW-NH



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


Connector No. RT12
 Connector Name VANITY MIRROR LAMP (DRIVER SIDE)
 Connector Type MCA02FW



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

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


Connector No. RT13
 Connector Name VANITY MIRROR LAMP (PASSENGER SIDE)
 Connector Type MCA02FW



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

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

Connector No. RT14
 Connector Name PERSONAL LAMP
 Connector Type TR04FW-NH




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

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

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

Connector No. RT15
 Connector Name MAP LAMP
 Connector Type TR08FBY

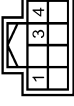


Terminal No. 1
 Color of Wire O
 Signal Name [Specification]

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

Terminal No. 4
 Color of Wire W/R
 Signal Name [Specification]

Connector No. RT16
 Connector Name SUNROOF SWITCH
 Connector Type TR08FW-NH




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

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

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

Connector No. RT17
 Connector Name MICROPHONE
 Connector Type TR04FW



JRMWD0077GB

CONNECTOR INFORMATION

< WIRING DIAGRAM >

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

ROOM LAMP HARNESS

Connector No.	R18
Connector Name	FRONT MICROPHONE (ACTIVE NOISE CONTROL)
Connector Type	TH04FW-NH



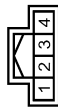
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	W	-
3	B	-
4	P	-

Connector No.	R19
Connector Name	FRONT MICROPHONE (ACTIVE NOISE CONTROL)
Connector Type	TH02ZFB



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

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



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

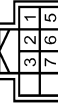
1	BR	-
2	GR	-
3	B	-
4	P	-

Connector No.	R21
Connector Name	REAR MICROPHONE (ACTIVE NOISE CONTROL)
Connector Type	TH02ZFB



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

Connector No.	R25
Connector Name	TELEMATICS SWITCH
Connector Type	TH05FW-NH



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

JRMWD0078GB





CONNECTOR INFORMATION



< WIRING DIAGRAM >



T Tail Harness



INFOID:000000008272240



TAIL HARNESS



Connector No.	T12	Terminal No.	1	O	Color of Wire	L	Signal Name [Specification]	
Connector Name	BACK-UP LAMP LH	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	HS0ZFG	 						



Connector No.	T14	Terminal No.	1	O	Color of Wire	L	Signal Name [Specification]	
Connector Name	TRUNK LID OPENER REQUEST SWITCH	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	TKOZMR-P	 						



Connector No.	T5	Terminal No.	1	P	Color of Wire	L	Signal Name [Specification]	
Connector Name	REAR VIEW CAMERA	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	TH0AMW-NH	 						



Connector No.	T15	Terminal No.	1	O	Color of Wire	L	Signal Name [Specification]	
Connector Name	REAR VIEW CAMERA	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	TH0AMW-NH	 						



Connector No.	T17	Terminal No.	1	L	Color of Wire	W	Signal Name [Specification]	
Connector Name	BACK-UP LAMP RH	Terminal No.	2	L	Color of Wire	W	Signal Name [Specification]	
Connector Type	HS0ZFG	 						



Connector No.	T18	Terminal No.	1	Y	Color of Wire	G	Signal Name [Specification]	
Connector Name	LICENSE PLATE LAMP RH	Terminal No.	2	G	Color of Wire	P	Signal Name [Specification]	
Connector Type	CO2FW	 						

Connector No.	T19	Terminal No.	1	V	Color of Wire	L	Signal Name [Specification]	
Connector Name	LICENSE PLATE LAMP LH	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	CO2FW	 						

Connector No.	T11	Terminal No.	1	Y	Color of Wire	G	Signal Name [Specification]	
Connector Name	WIRE TO WIRE	Terminal No.	2	G	Color of Wire	P	Signal Name [Specification]	
Connector Type	NS16FW-CS	 						

Connector No.	T11	Terminal No.	1	G	Color of Wire	L	Signal Name [Specification]	
Connector Name	TRUNK LID OPEN REQUEST SIGNAL	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	NS16FW-CS	 						

Connector No.	T12	Terminal No.	1	G	Color of Wire	L	Signal Name [Specification]	
Connector Name	TRUNK LID OPEN REQUEST SIGNAL	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	NS16FW-CS	 						

Connector No.	T12	Terminal No.	1	G	Color of Wire	L	Signal Name [Specification]	
Connector Name	TRUNK CLOSURE CONTROL UNIT	Terminal No.	2	L	Color of Wire	L	Signal Name [Specification]	
Connector Type	NS16FW-CS	 						

12V BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

12V BATTERY INSPECTION

How to Handle 12V Battery

INFOID:000000008144863

CAUTION:

After connecting 12V battery cables, ensure that they are tightly clamped to 12V battery terminals for good contact.

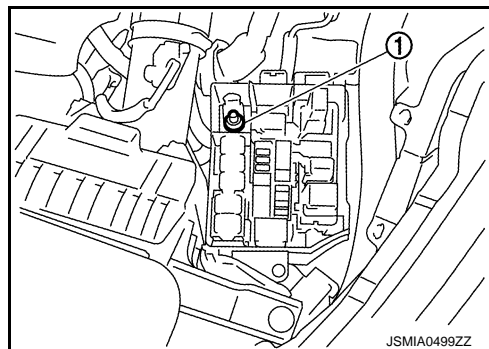
WHERE TO CONNECT JUMPER CABLE WHEN THE 12V BATTERY IS DISCHARGED

CAUTION:

- If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.

- 1: Positive terminal for connecting jumper cable (Jumper cable negative terminal is used for connecting to the engine assembly.)

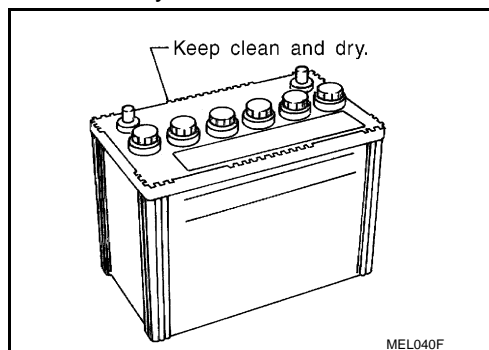
- Do not connect the jumper cables to the 12-volt battery located in the trunk room.



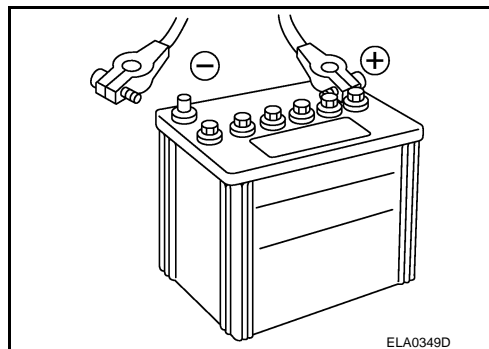
METHODS OF PREVENTING OVER-DISCHARGE

The following precautions must be taken to prevent over-discharging a 12V battery.

- The 12V battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.



- When the vehicle is not going to be used over a long period of time, disconnect the 12V battery cable from the negative terminal. (If the vehicle has an extended storage switch, turn it off.)



Work Flow

INFOID:000000008144864

12V BATTERY DIAGNOSIS WITH EXP-800 NI OR GR8-1200 NI

To diagnose and confirm the condition of the 12V battery, use the following special service tools:

- EXP-800 NI 12V battery and electrical diagnostic analyzer
- GR8-1200 NI Multitasking 12V battery and electrical diagnostic station

NOTE:

Refer to the applicable instruction manual for proper 12V battery diagnosis procedures.

CAUTION:

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

12V BATTERY INSPECTION

< BASIC INSPECTION >

For gas leakage, remove the 12V battery from the vehicle to charge in a well-ventilated area.

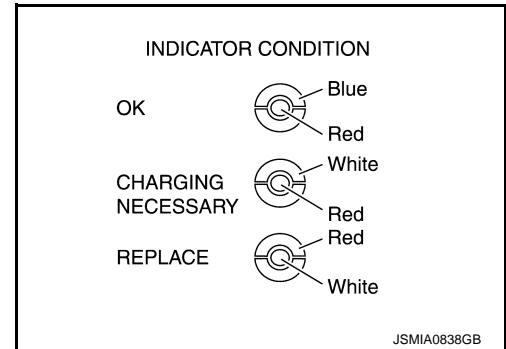
12V BATTERY DIAGNOSIS WITHOUT EXP-800 NI OR GR8-1200 NI

Check the Battery Indicator

Check the indicator placed at the top of 12V battery to judge the battery state. If the battery state is "CHARGING NECESSARY" charge the battery according to "Charging The Battery".

NOTE:

If indicator is hard to check, remove 12V battery from vehicle.



Charging The Battery

CAUTION:

- For gas leakage, remove the 12V battery from the vehicle to charge in a well-ventilated area.
- There are two charging methods: Quick charging and standard charging.
 - “Standard charging” is used for recovering the state of charge.
 - “Quick charging” restores the 12V battery to the state capable of engine start and the READY state.
- Never “quick charge” a fully discharged 12V battery.
- Keep the 12V 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.
- While charging the 12V battery, maintain 12V battery temperature as follows:
 - Standard charging: 45 °C (113 °F) or less
 - Quick charging: 55 °C (131 °F) or less
- Maintain charging voltage at 15 V or less during 12V battery charge.

Charging Rates (Standard Charge)

Charge current (A)	Charge time (h)
10	3

Charging Rates (Quick Charge)

Charge current (A)	Charge time (h)
40	0.5

NOTE:

- The 12V battery indicator shows “OK” at the completion of 12V battery charging.
- The ammeter reading on your 12V battery charger will automatically decrease as the 12V battery charges. This indicates that the voltage of the 12V battery is increasing normally as the state of charge improves. The charging amps indicated above refer to initial charge rate.

FUSE INSPECTION

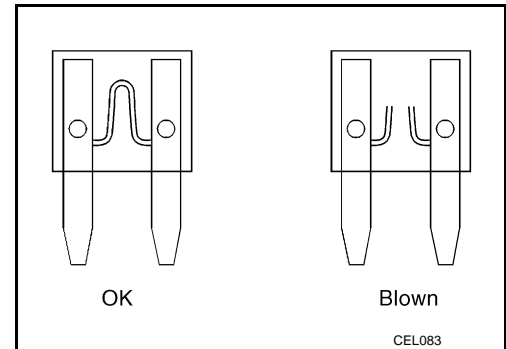
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

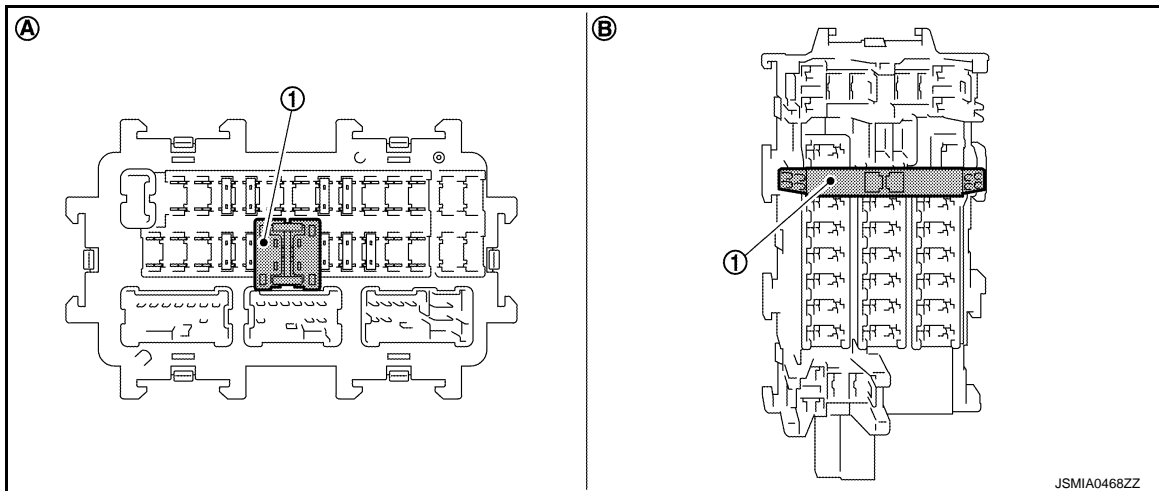
INFOID:000000008144865

- 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 SWITCH (IF EQUIPPED)

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



1. Extended storage switch

A. Type A

B. Type B

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

How To Extended Storage Switch ON/OFF

CAUTION:

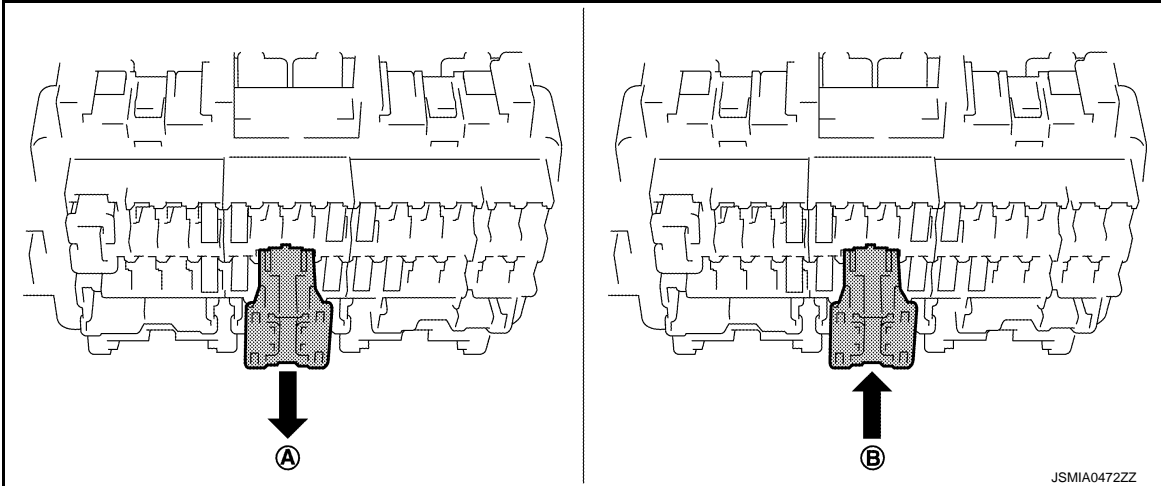
- Turn the ignition switch OFF when operating the extended storage switch.
- Under normal conditions, keep the extended storage switch in ON state. Never operate the extended storage switch except when necessary.

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

FUSE INSPECTION

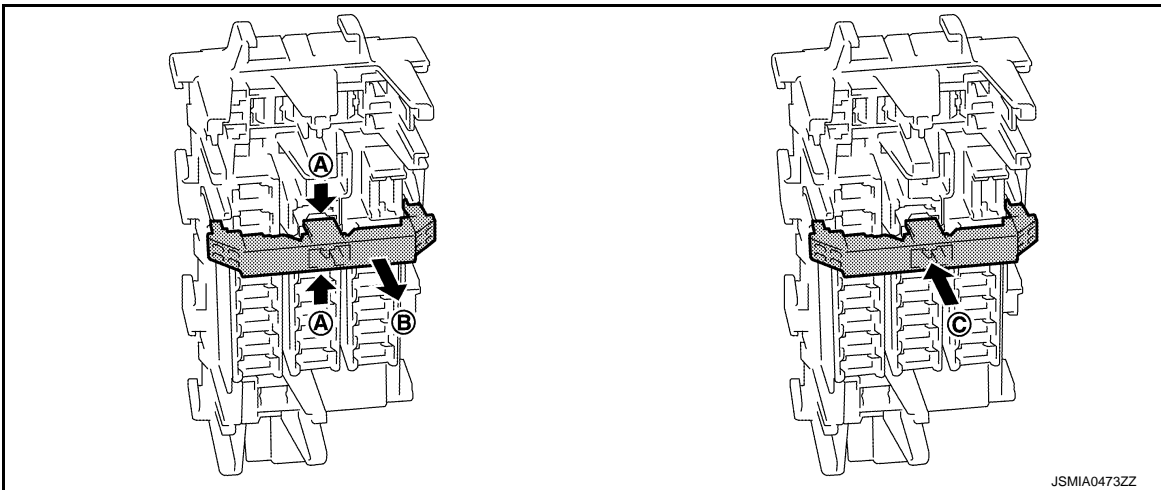
< BASIC INSPECTION >

• Type A



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

• Type B

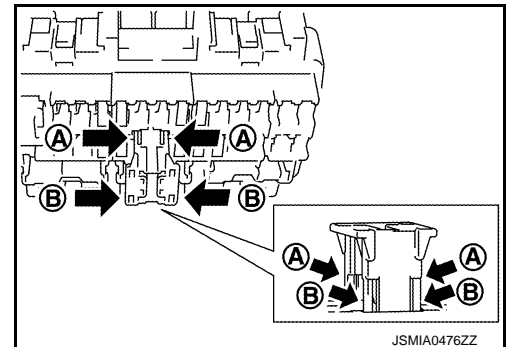


- To turn the extended storage switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
- To turn the extended storage switch ON, press it in (C) direction as shown in the figure.

How To Remove Extended Storage Switch

Type A

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



NOTE:

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

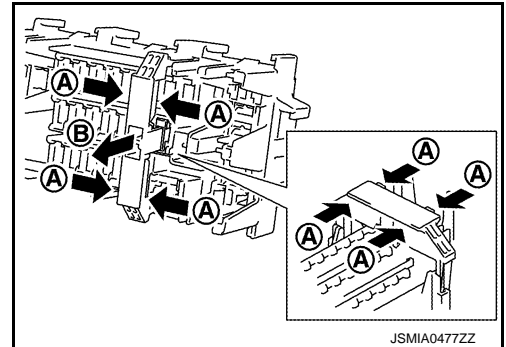
FUSE INSPECTION

< BASIC INSPECTION >

- Extended storage 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 switch OFF.
3. Hold (A) and pull up the extended storage switch hard in (B) direction.



NOTE:

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

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

PG

N
O
P

FUSIBLE LINK INSPECTION

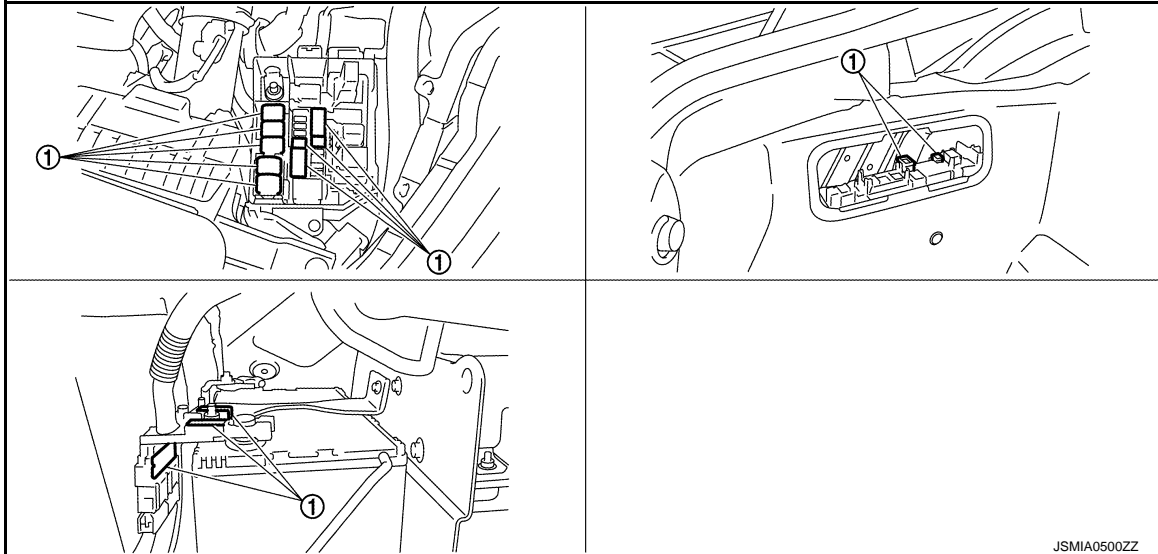
< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

INFOID:000000008144866

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.


12V BATTERY

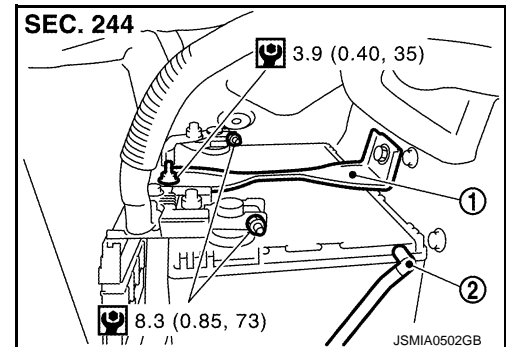
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

12V BATTERY

Exploded View

- 1 : Battery fix frame
- 2 : Battery vent tube
-  : N·m (kg·m, in·lb)



INFOID:000000008144867

Removal and Installation

INFOID:000000008144868

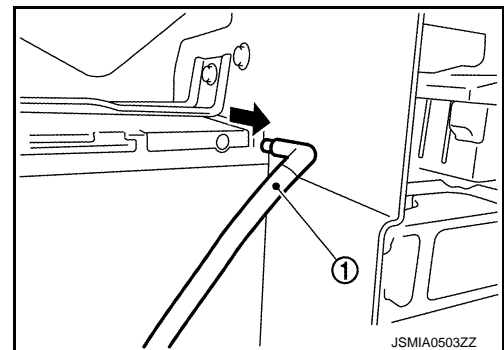
REMOVAL

1. Remove trunk finisher front. Refer to [INT-52, "TRUNK FINISHER FRONT : Removal and Installation"](#).
2. Remove battery vent tube (1).
3. Remove 12V battery cover. Refer to [HBB-188, "Removal and Installation"](#).
4. Disconnect the 12V battery cable from the negative terminal.

CAUTION:

To prevent damage to the parts, disconnect the 12V battery cable from the negative terminal first.

5. Remove cover of 12V battery positive terminal.
6. Disconnect the 12V battery cable from the positive terminal.
7. Remove battery fix frame mounting nut and bolt to remove battery fix frame.
8. Remove 12V battery.



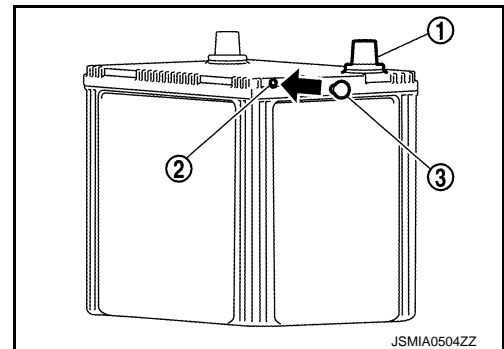
INSTALLATION

Install in the reverse order of removal.

CAUTION:

To install the 12V battery, carefully read the following instructions.

- If an exhaust cap is not included in the replaced 12V battery, install an exhaust cap (3) to the exhaust hole (2) on the negative terminal (1) side to prevent gas leakage in the vehicle.
- To prevent gas leakage in vehicle, securely install the battery vent tube to the 12V battery.
- After removing the battery vent tube from the vehicle, reinstall the battery vent tube securely to the exhaust port on the vehicle side (body member) to discharge gas filled in the 12V battery to the outside of the vehicle.
- To prevent damage to the parts, connect the 12V battery cable to the positive terminal first.
- After connecting 12V battery cables, to securely supply 12V battery voltage, ensure that they are tightly clamped to 12V battery terminals for good contact.
- To securely supply 12V battery voltage, check 12V battery terminal for poor connection caused by corrosion.



Reset electronic systems as necessary. Refer to [GI-62, "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

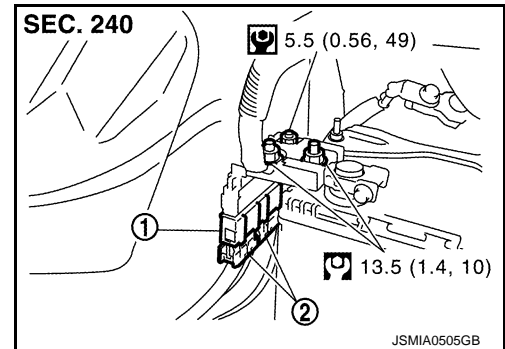
INFOID:000000008144869

1 : Battery terminal with fusible link

2 : Harness connector

 : N·m (kg-m, in-lb)

 : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:000000008144870

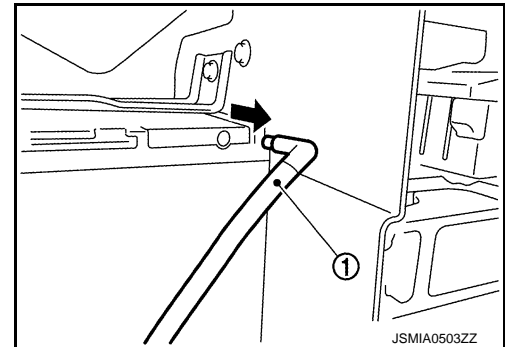
REMOVAL

1. Remove trunk finisher front. Refer to [INT-52, "TRUNK FINISHER FRONT : Removal and Installation"](#).
2. Remove battery vent tube (1).
3. Remove 12V battery cover. Refer to [HBB-188, "Removal and Installation"](#).
4. Disconnect the 12V battery cable from the negative terminal.

CAUTION:

To prevent damage to the parts, disconnect the 12V battery cable from the negative terminal first.

5. Remove cover of 12V battery positive terminal.
6. Remove harness mounting nuts and battery terminal with fusible link mounting nut.
7. 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 12V battery cable to the positive terminal first.

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

12V Battery

INFOID:000000008144871

Type		80D23L-MF
20 hour rate capacity	[V – Ah]	12 – 72
Cold cranking current (For reference value)	[A]	582

A

B

C

D

E

F

G

H

I

J

K

L

PG

N

O

P