

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

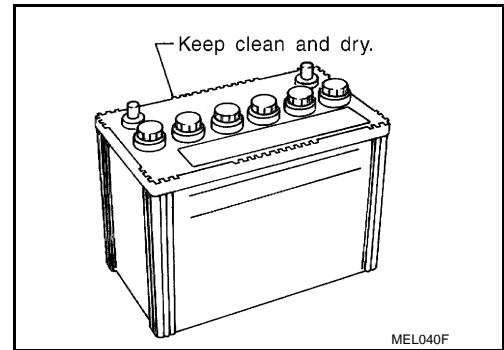
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CAUTION:

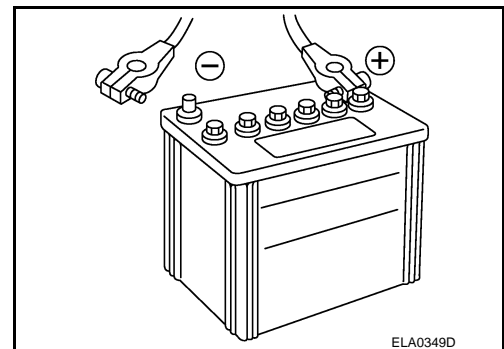
- If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.
- After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.
- Never add distilled water through the hole used to check specific gravity.

METHODS OF PREVENTING OVER-DISCHARGE

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



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



Work Flow

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

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

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

NOTE:

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

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

Check Electrolyte Level

WARNING:

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

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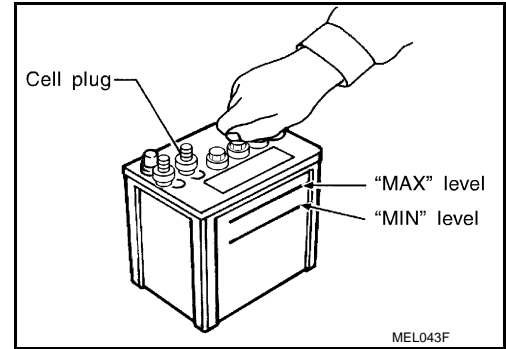
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

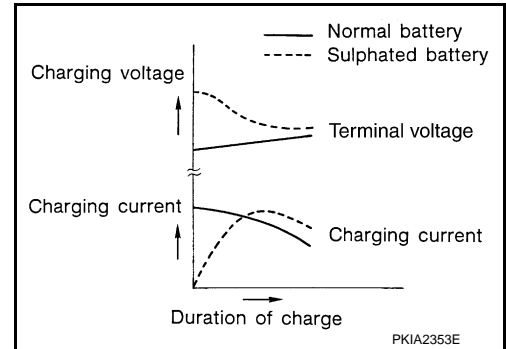
< BASIC INSPECTION >

- Remove the cell plug using a suitable tool.
- Add distilled water up to the MAX level.



SULPHATION

- A battery will be completely discharged if it is left unattended for a long time and the specific gravity will become less than 1.100. This may result in sulphation on the cell plates.
- To determine if a battery has been “sulphated”, note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.
- A sulphated battery may sometimes be brought back into service by means of a long, slow charge, 12 hours or more, followed by a battery capacity test.



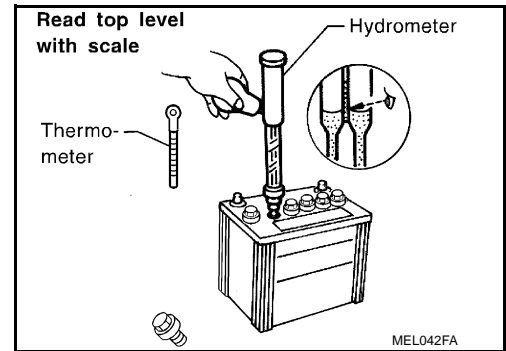
Specific Gravity Check

NOTE:

Check the charge condition of the battery.

Periodically check the specific gravity of the electrolyte. Keep a close check on charge condition to prevent over-discharge.

1. Read hydrometer and thermometer indications at eye level.
2. Use the chart below to correct your hydrometer reading according to electrolyte temperature.



Hydrometer Temperature Correction

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
71 (160)	0.032
66 (150)	0.028
60 (140)	0.024
54 (130)	0.020
49 (120)	0.016
43 (110)	0.012
38 (100)	0.008
32 (90)	0.004
27 (80)	0
21 (70)	-0.004
16 (60)	-0.008
10 (50)	-0.012

BATTERY

< BASIC INSPECTION >

[POWER SUPPLY & GROUND CIRCUIT]

Battery electrolyte temperature [°C (°F)]	Add to specific gravity reading
4 (40)	-0.016
-1 (30)	-0.020
-7 (20)	-0.024
-12 (10)	-0.028
-18 (0)	-0.032

Corrected specific gravity	Approximate charge condition
1.260 - 1.280	Fully charged
1.230 - 1.250	3/4 charged
1.200 - 1.220	1/2 charged
1.170 - 1.190	1/4 charged
1.140 - 1.160	Almost discharged
1.110 - 1.130	Completely discharged

Charging The Battery

CAUTION:

- **Never “quick charge” a fully discharged battery.**
- **Keep the battery away from open flame while it is being charged.**
- **When connecting the charger, connect the leads first, then turn on the charger. Never turn on the charger first, as this may cause a spark.**
- **If battery electrolyte temperature rises above 55 °C (131 °F), stop charging. Always charge battery at a temperature below 55 °C (131 °F).**

Charging Rates (Standard Charge)

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

Charging Rates (Quick Charge)

Approximate charge condition	Charge current (A)	Charge time (h)
Fully charged	—	—
3/4 charged	13	0.5
1/2 charged	26	
1/4 charged		
Almost discharged	—	—
Completely discharged	—	—

NOTE:

The ammeter reading on your battery charger will automatically decrease as the battery charges. This indicates that the voltage of the battery is increasing normally as the state of charge improves. The charging amps indicated above refer to initial charge rate.

- If, after charging, the specific gravity of any two cells varies more than 0.050, the battery should be replaced.

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY & GROUND CIRCUIT]

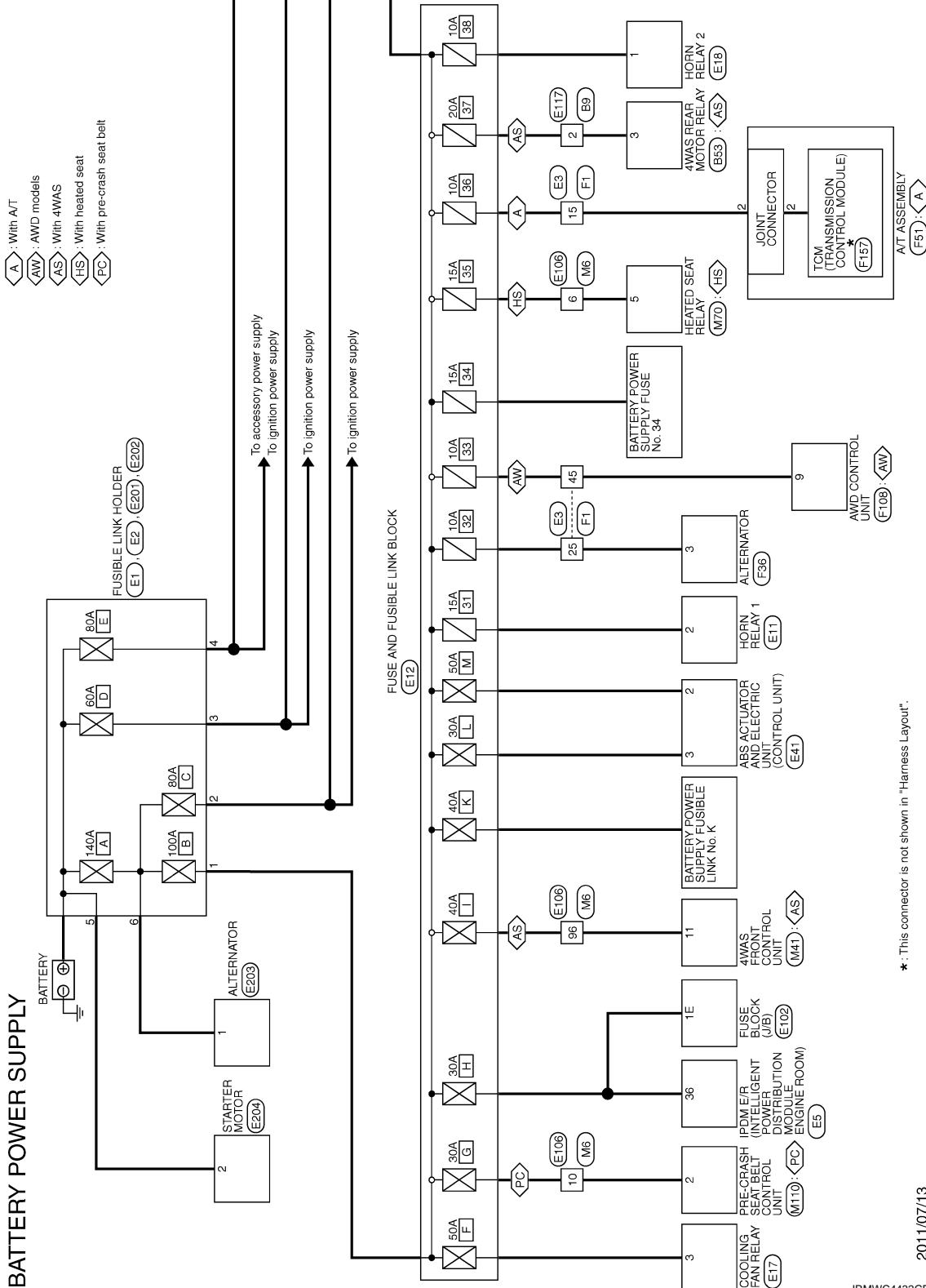
DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000007468947

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12. "Connector Information"](#).



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


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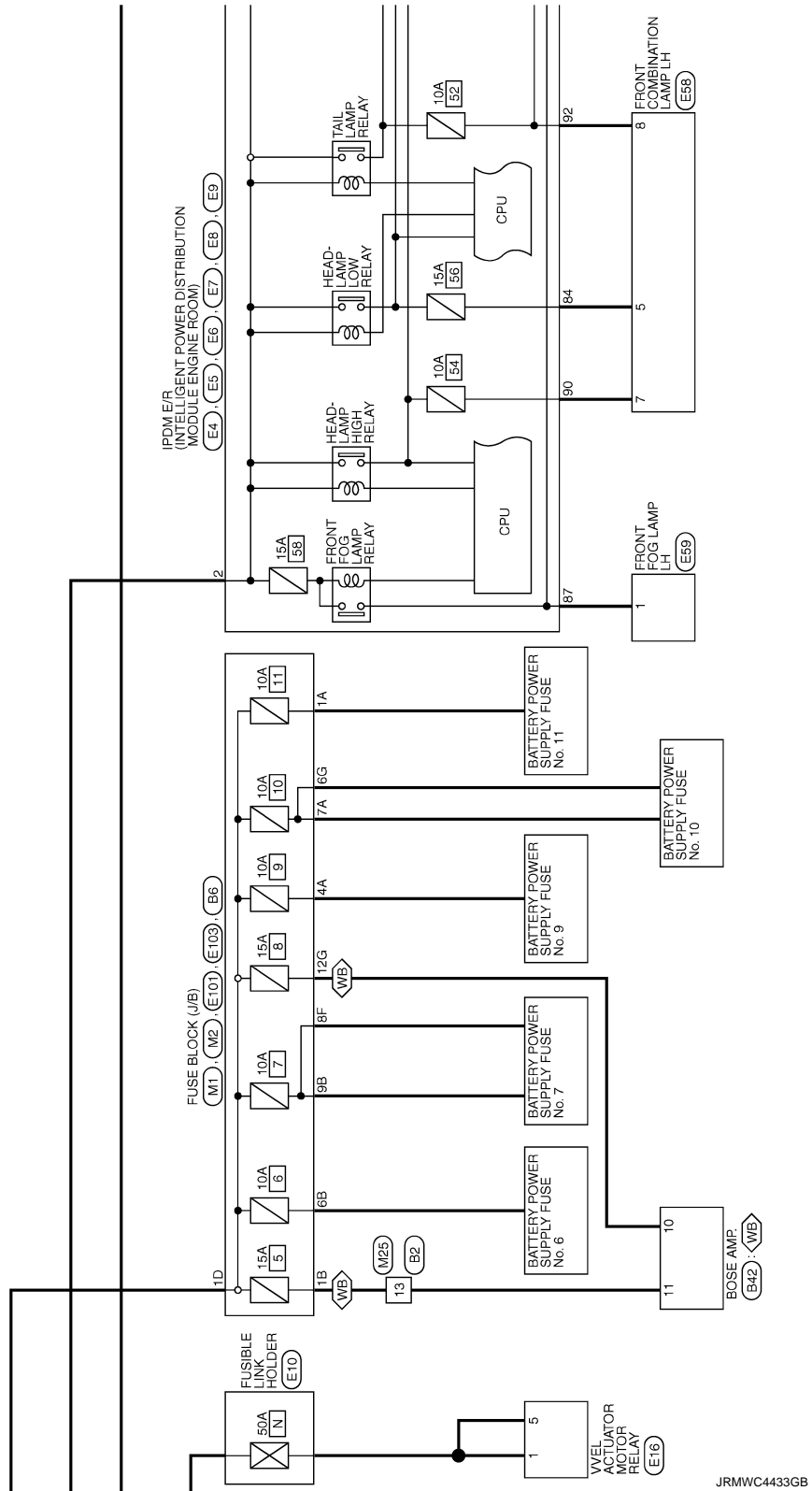
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

 : With BOSE system



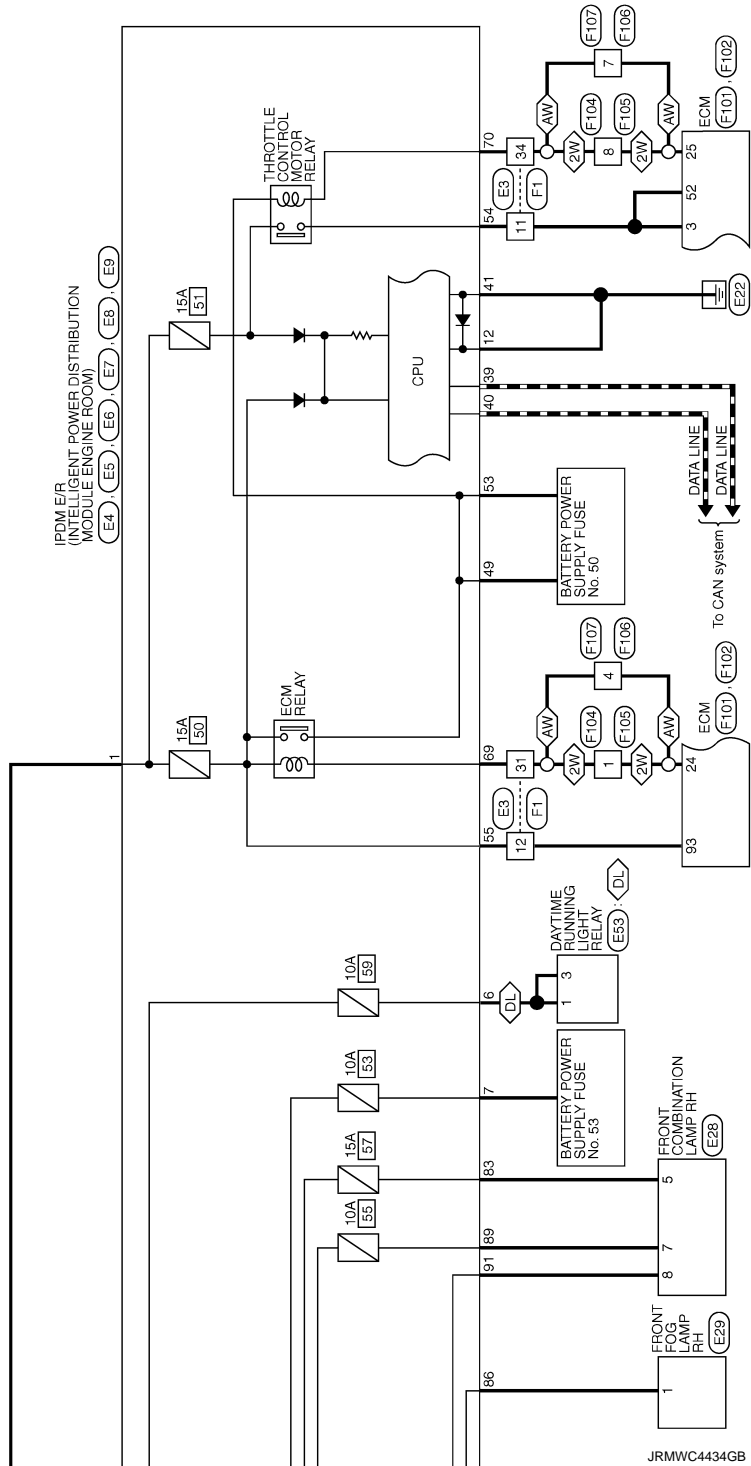
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

- ◊2W: 2WD models
- ◊AW: AWD models
- ◊DL: With daytime running light system




POWER SUPPLY ROUTING CIRCUIT

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
[POWER SUPPLY & GROUND CIRCUIT]

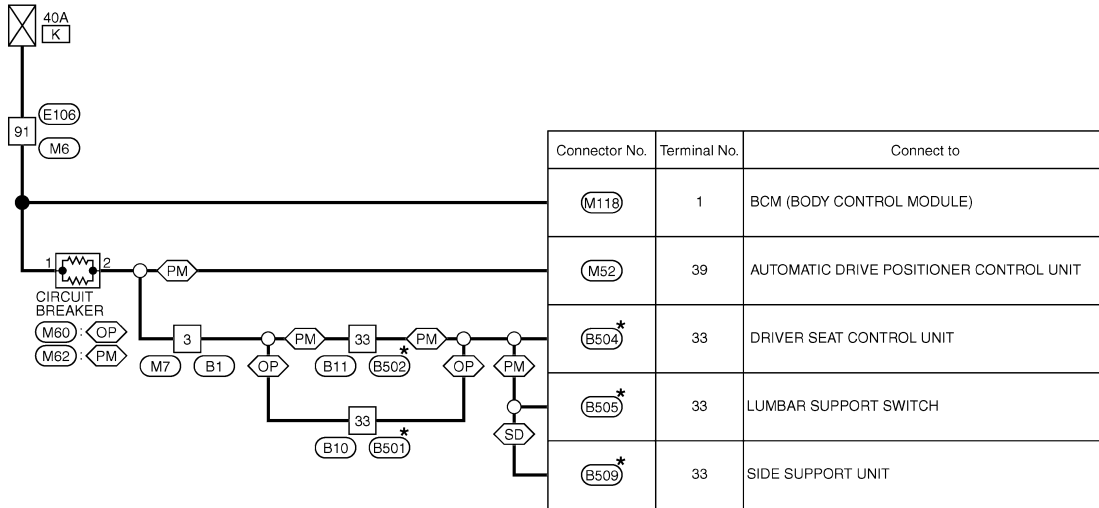
Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. K -

INFOID:000000007468948

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSIBLE LINK No. K

-  : With automatic drive positioner
-  : Without automatic drive positioner
-  : With side support



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

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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY & GROUND CIRCUIT]

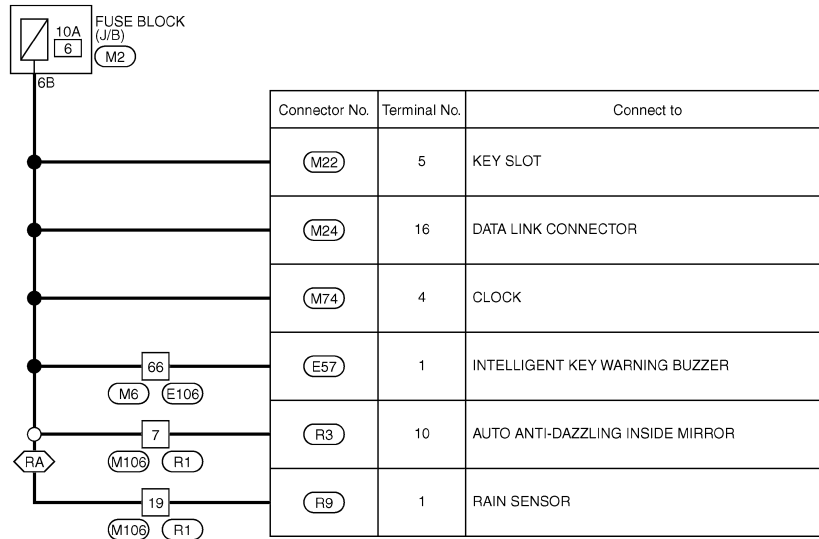
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000007468949

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 6

 : With rain sensor



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
POWER SUPPLY ROUTING CIRCUIT

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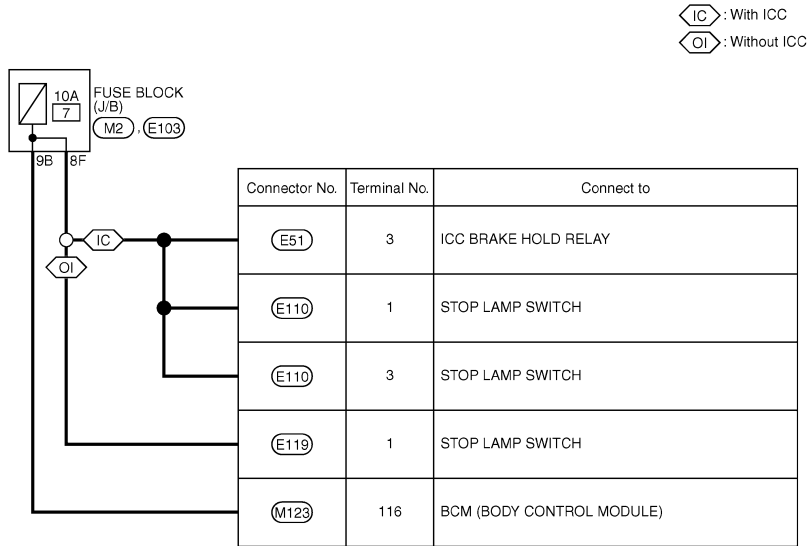
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 7 -

INFOID:000000007468950

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 7



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
POWER SUPPLY ROUTING CIRCUIT

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
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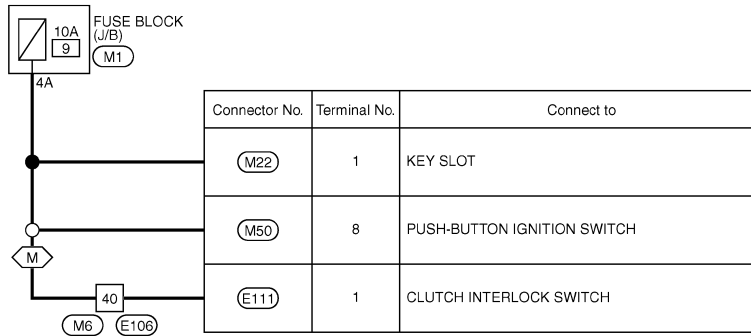
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 -

INFOID:000000007468951

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 9

 : With M/T



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
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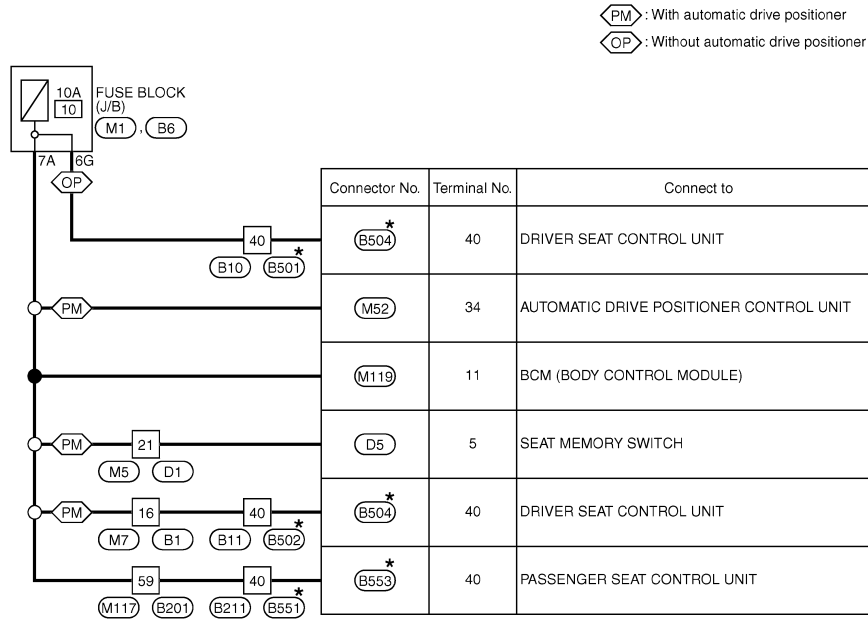
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

INFOID:000000007468952

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 10



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

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
POWER SUPPLY ROUTING CIRCUIT

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[POWER SUPPLY & GROUND CIRCUIT]

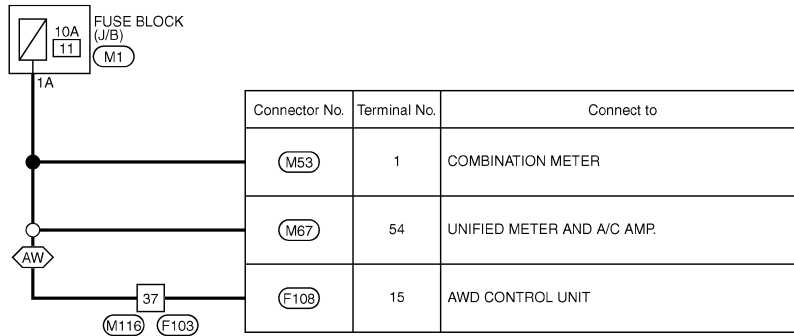
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 -

INFOID:000000007468953

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 11

 : AWD models



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
POWER SUPPLY ROUTING CIRCUIT

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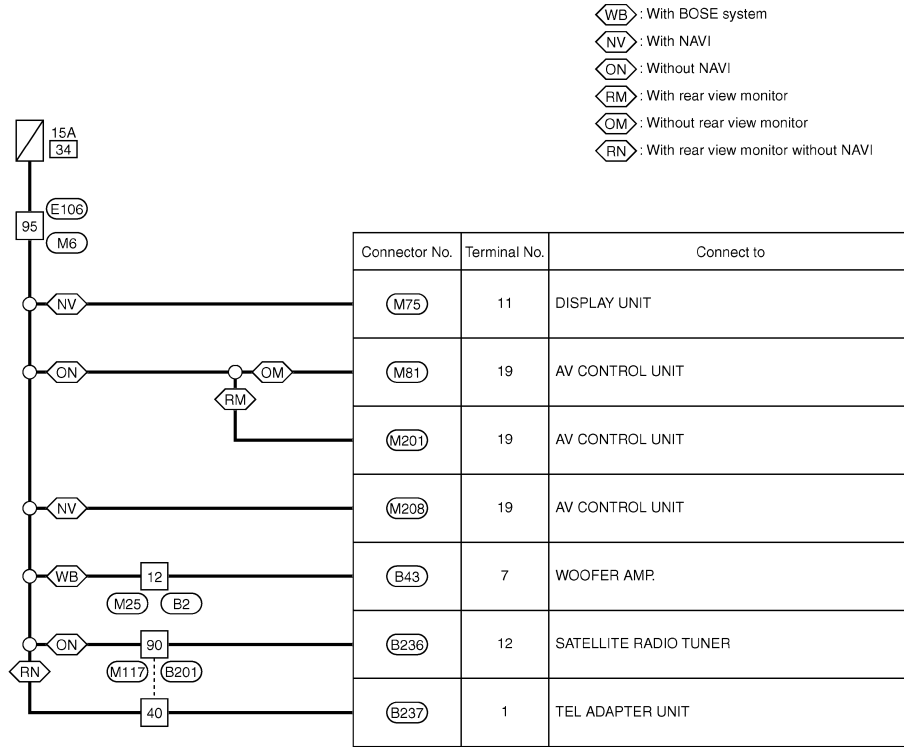
[POWER SUPPLY & GROUND CIRCUIT]







Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000007468954

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12. "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 34



-  : With BOSE system
-  : With NAVI
-  : Without NAVI
-  : With rear view monitor
-  : Without rear view monitor
-  : With rear view monitor without NAVI

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
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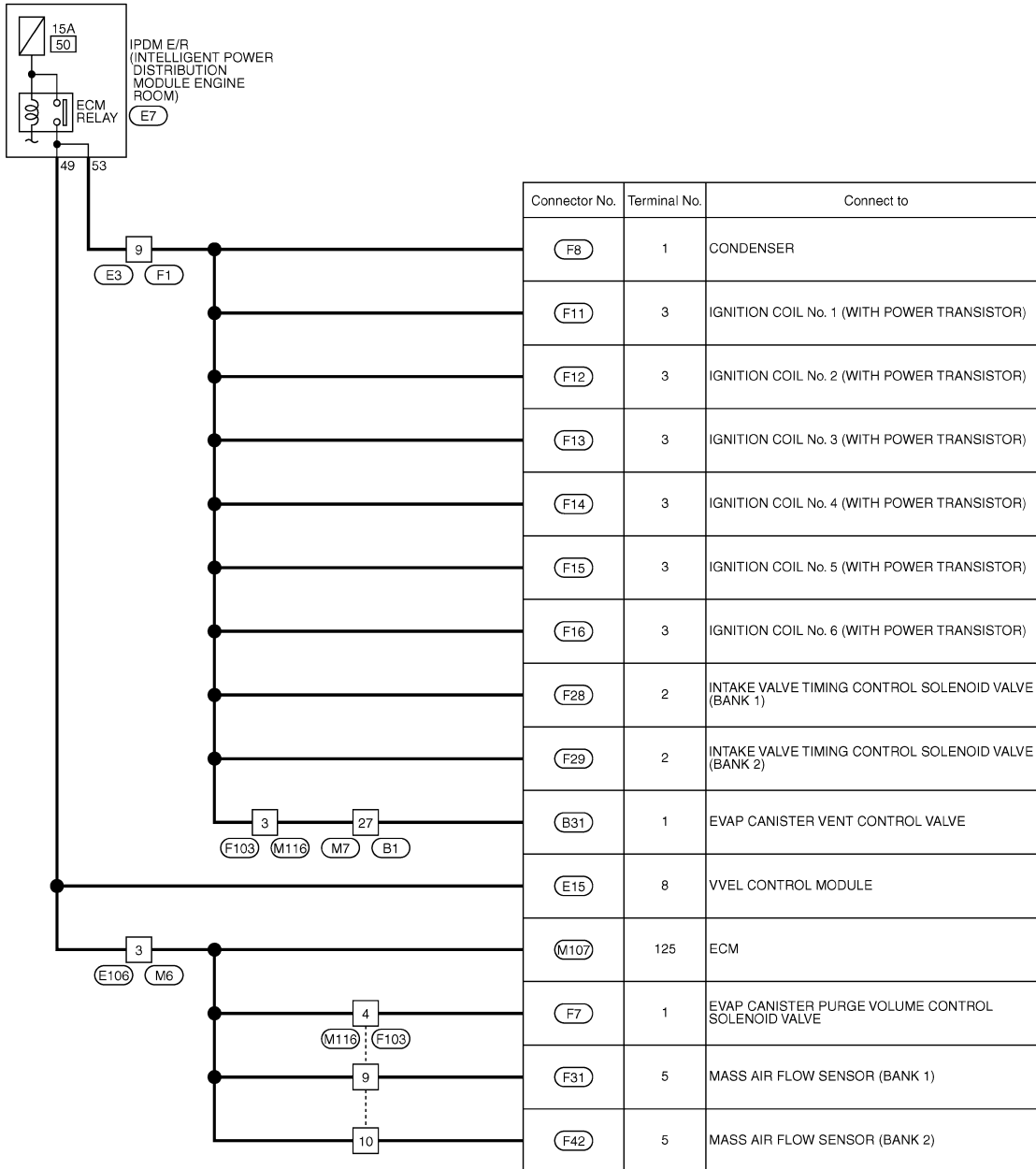
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000007468955

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 50



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
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

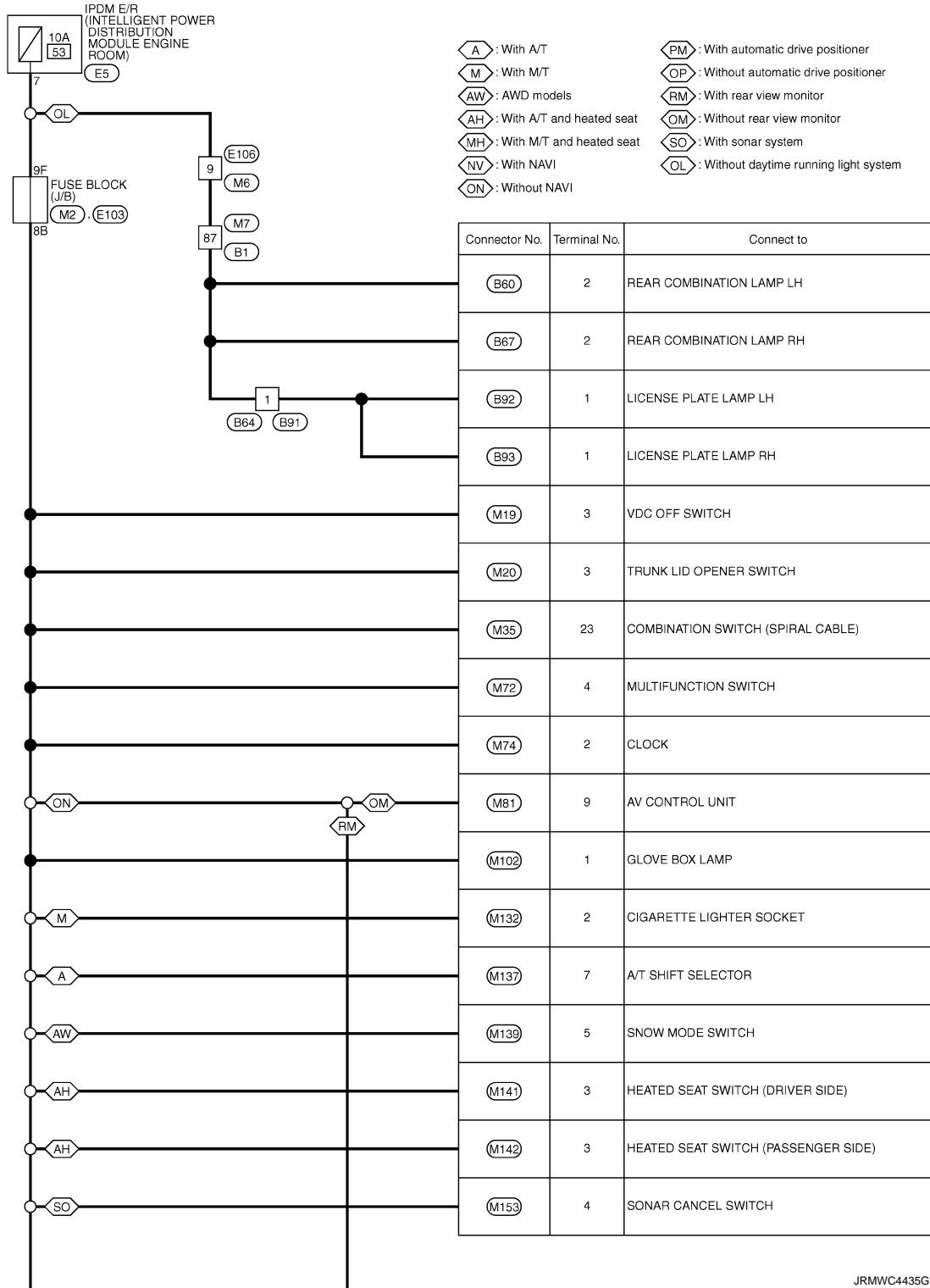
< DTC/CIRCUIT DIAGNOSIS >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000007468956

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

BATTERY POWER SUPPLY FUSE No. 53



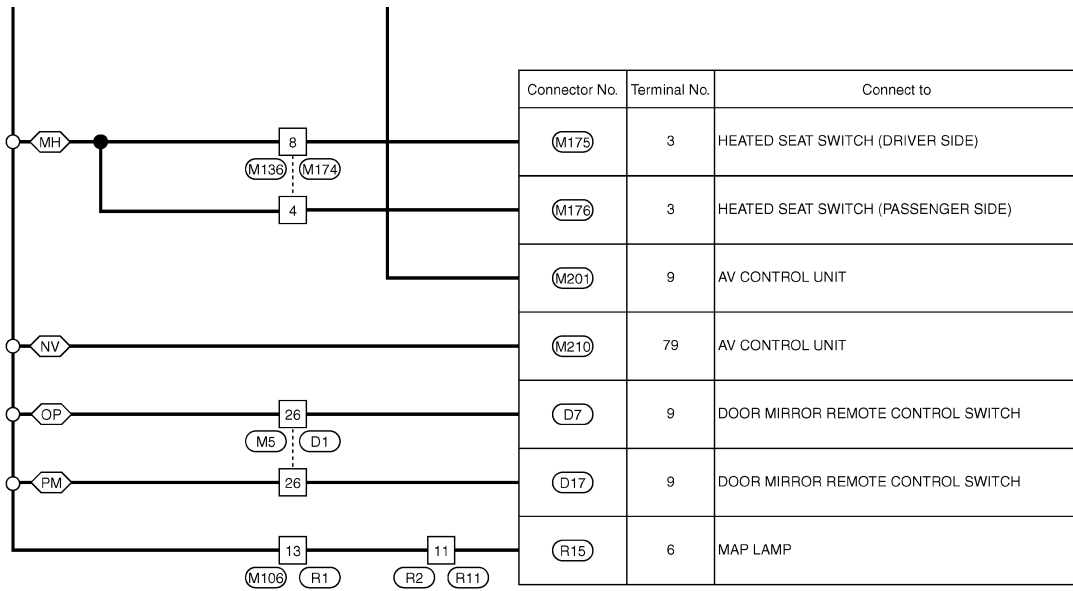
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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
POWER SUPPLY ROUTING CIRCUIT

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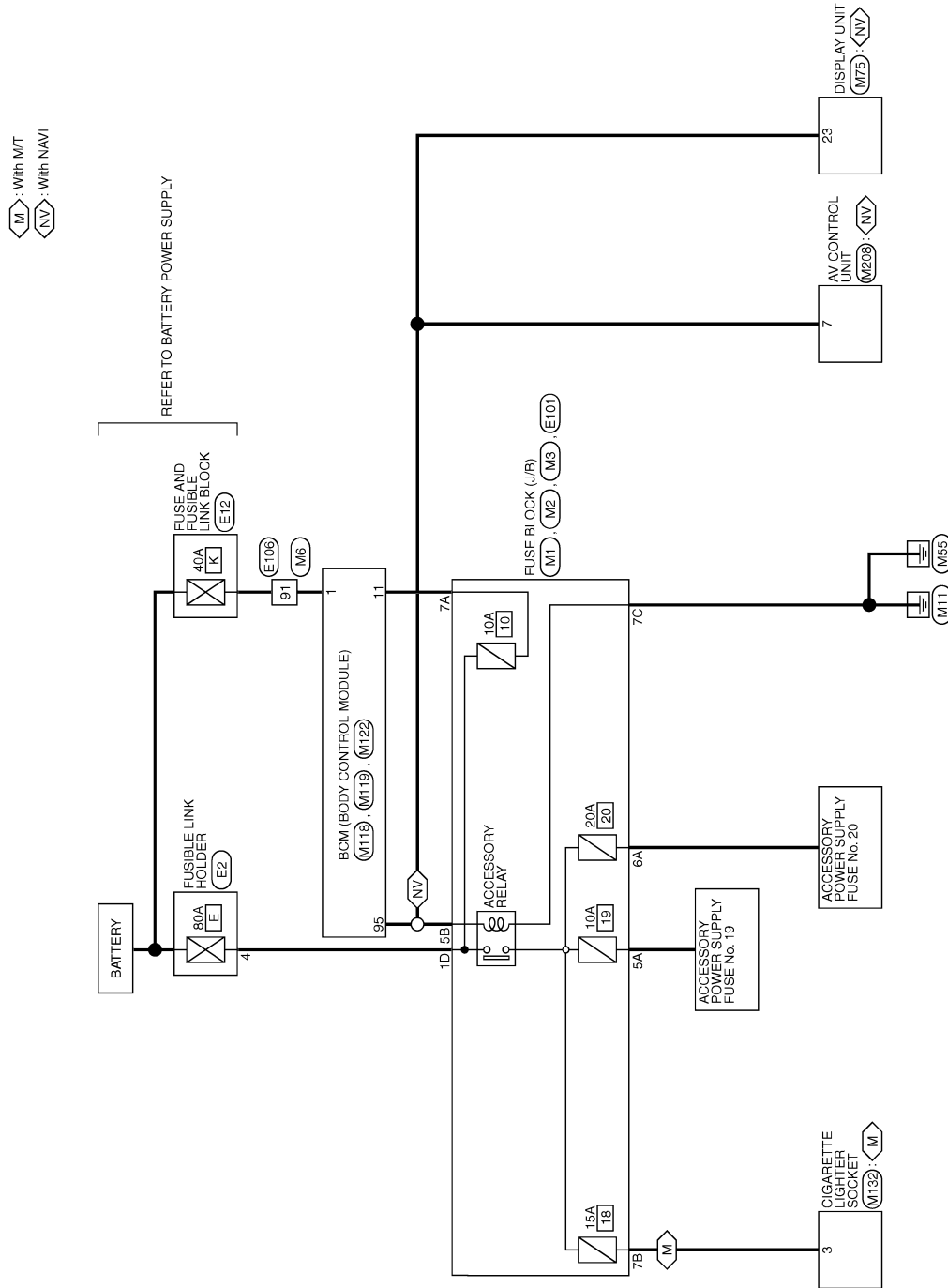
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000007468957

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

ACCESSORY POWER SUPPLY



(M) : With M/T
(NV) : With NAVI

REFER TO BATTERY POWER SUPPLY

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
POWER SUPPLY ROUTING CIRCUIT

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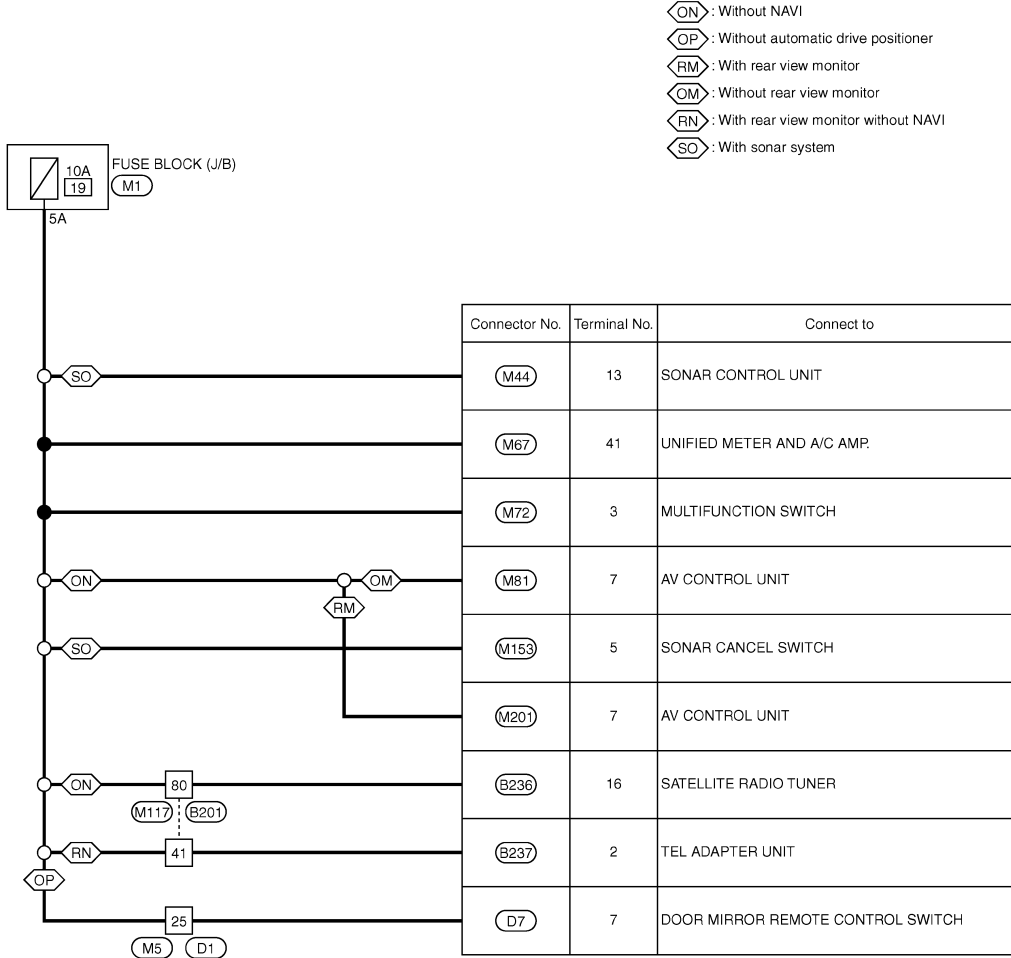
[POWER SUPPLY & GROUND CIRCUIT]







Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:000000007468958

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

ACCESSORY POWER SUPPLY FUSE No. 19



-  : Without NAVI
-  : Without automatic drive positioner
-  : With rear view monitor
-  : Without rear view monitor
-  : With rear view monitor without NAVI
-  : With sonar system

2010/10/07

JCMWN0205GB


POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >



[POWER SUPPLY & GROUND CIRCUIT]

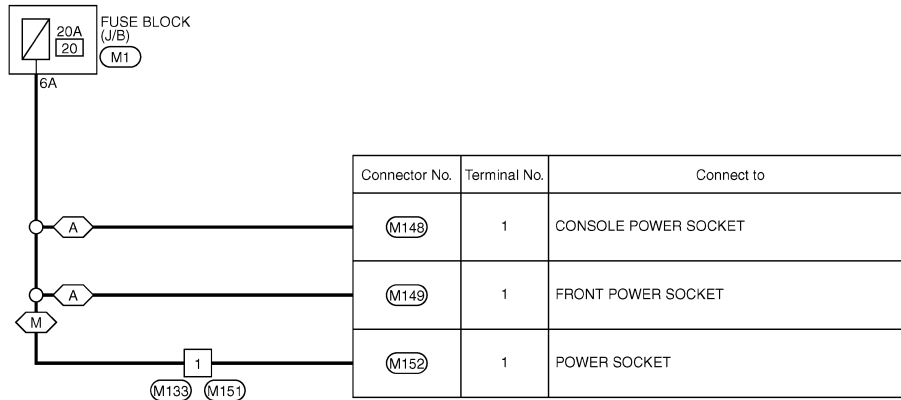
Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 20 -

INFOID:000000007468959

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

ACCESSORY POWER SUPPLY FUSE No. 20

 : With A/T
 : With M/T



2010/10/07

JCMWN0209GB

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
POWER SUPPLY ROUTING CIRCUIT

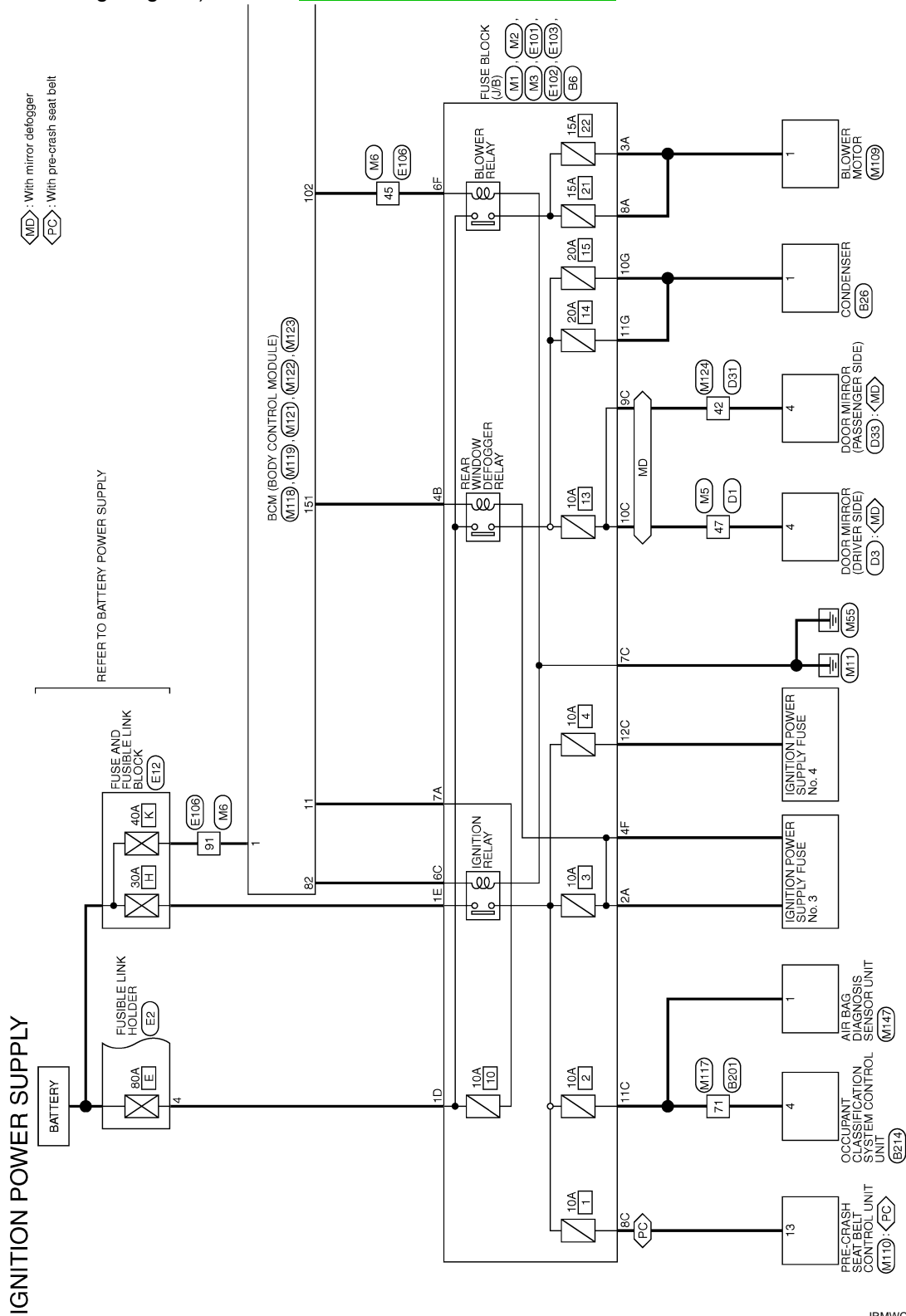
[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Wiring Diagram - IGNITION POWER SUPPLY -

INFOID:000000007468960

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).



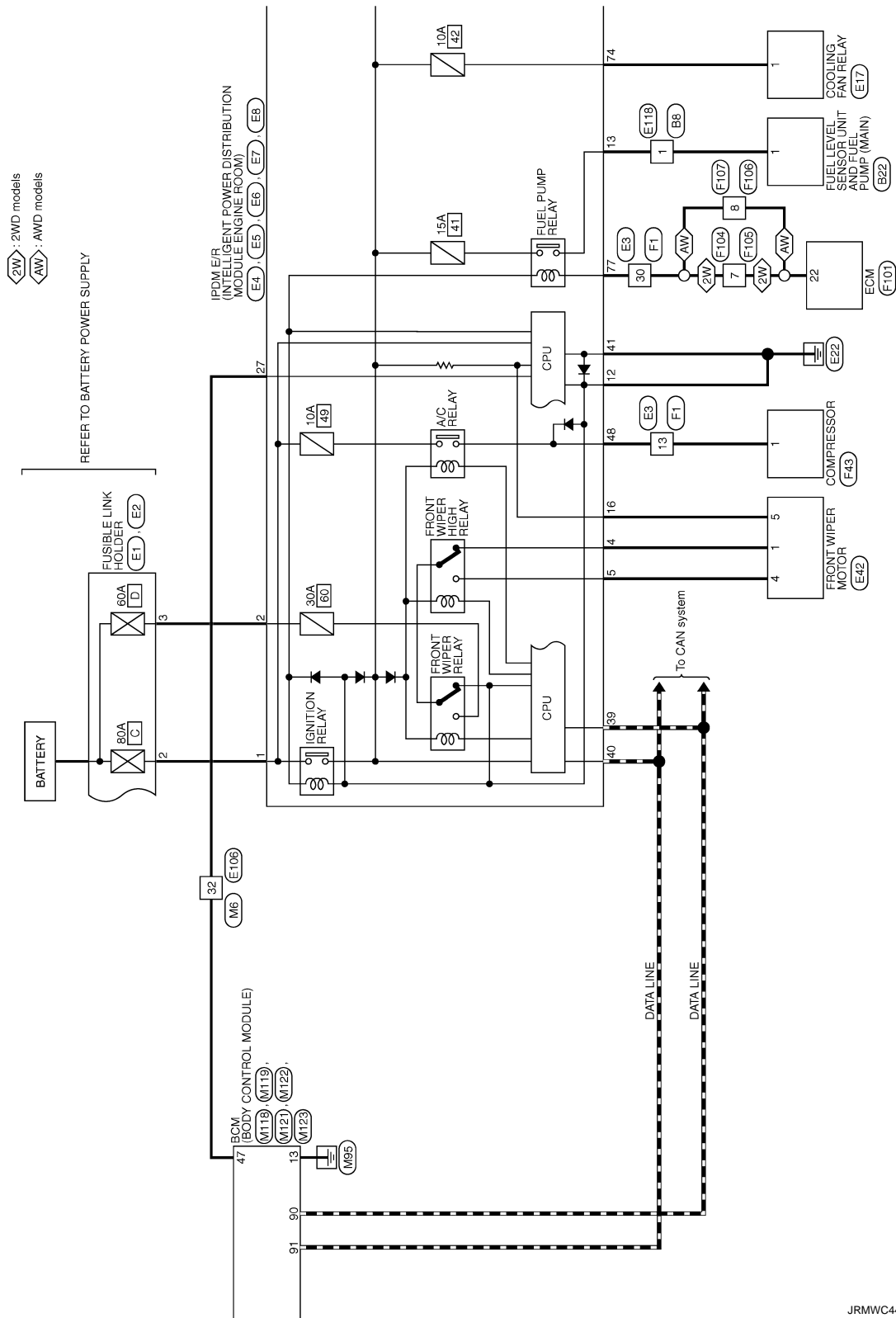
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



JRMWC4438GB

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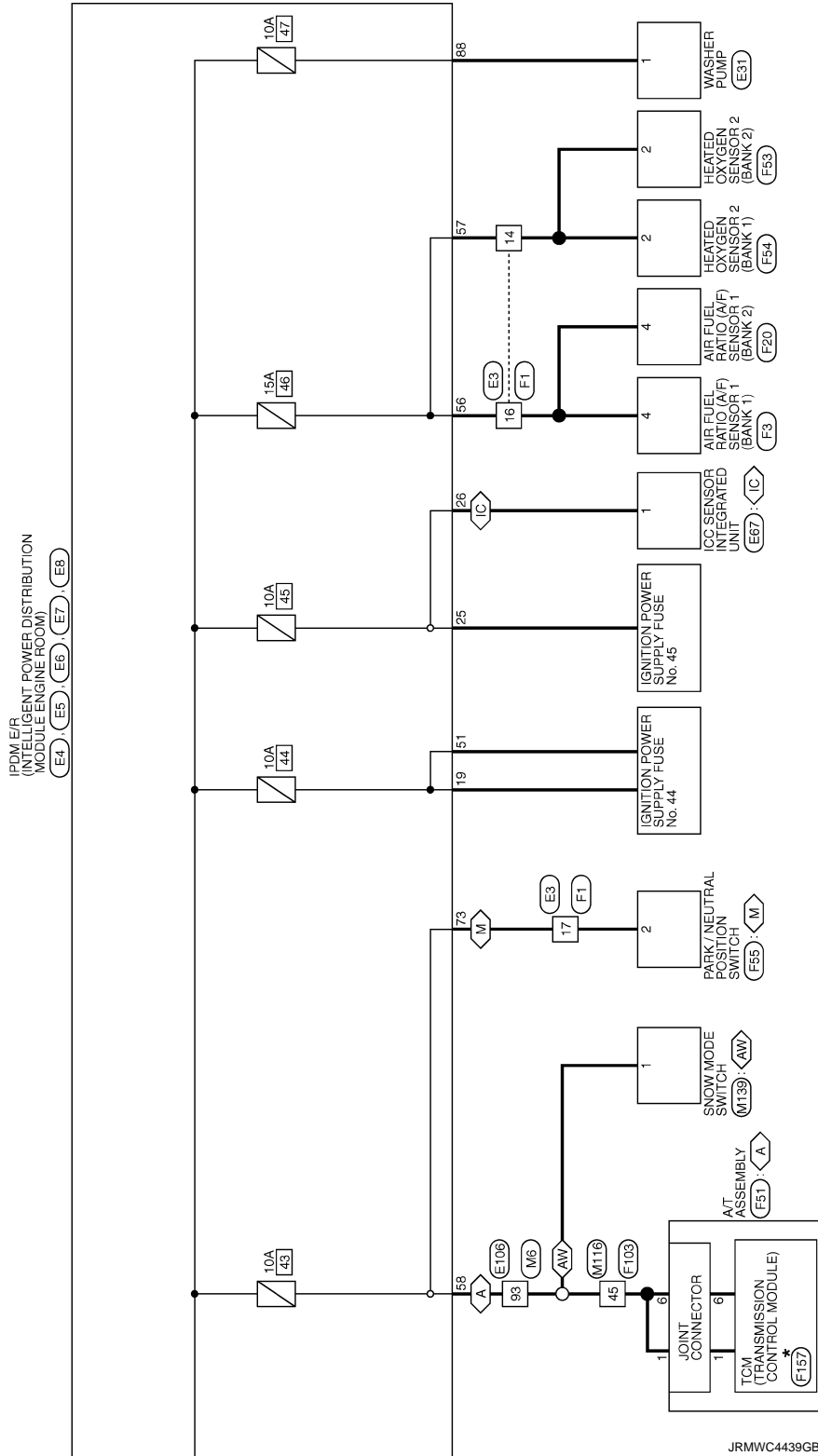
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- : With A/T
- : With M/T
- : With ICC
- : AWD models

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




POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

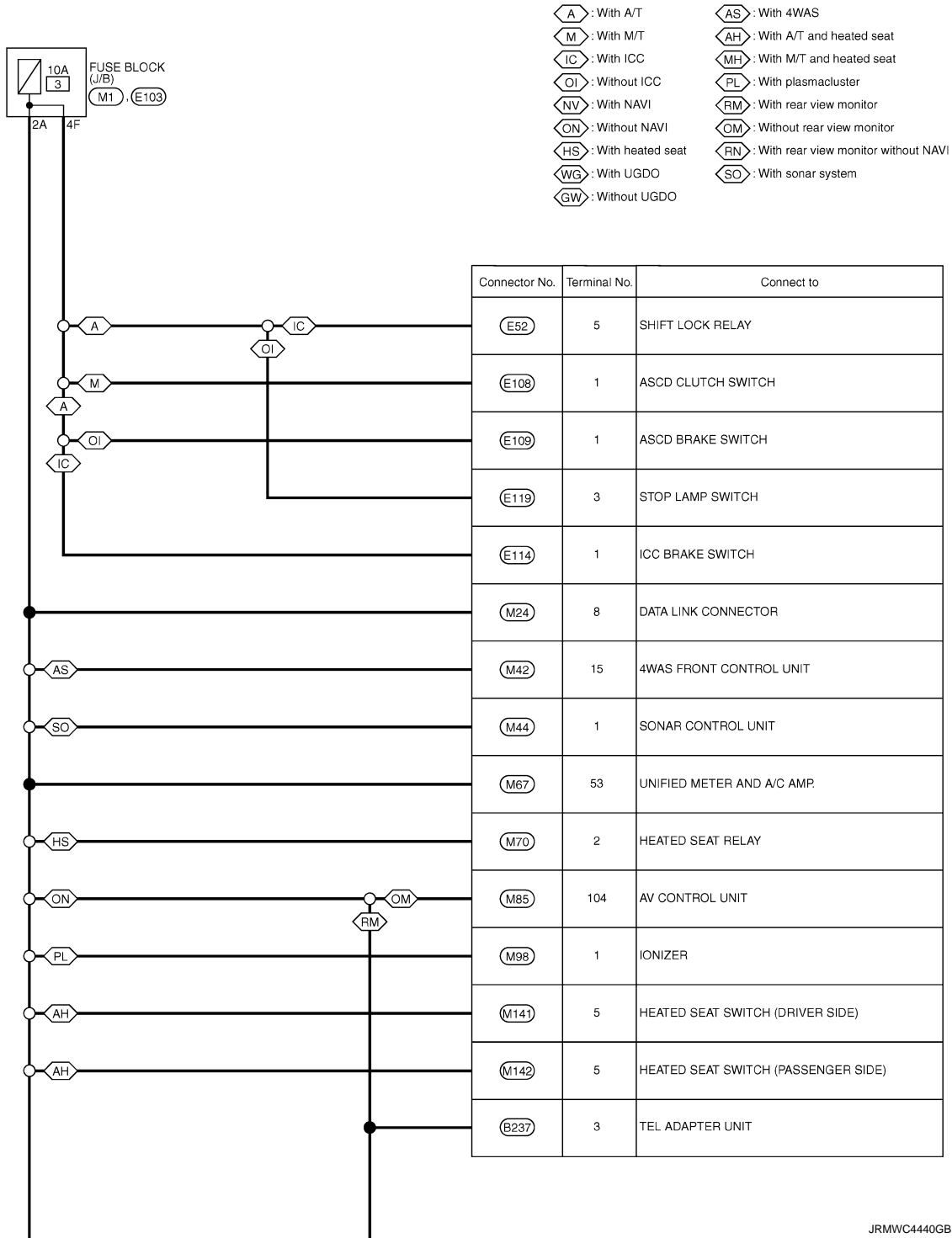
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000007468961

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 3



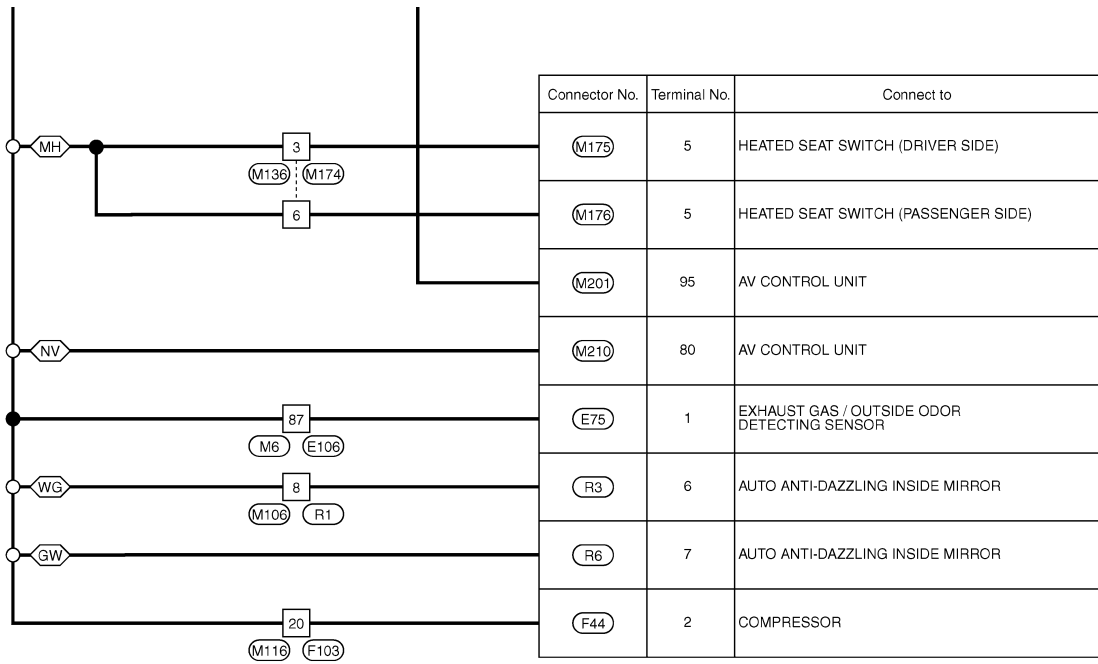
JRMWC4440GB

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >



[POWER SUPPLY & GROUND CIRCUIT]

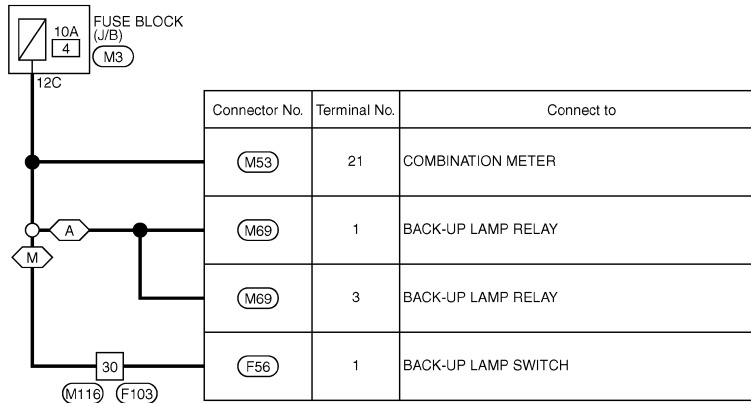
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -

INFOID:000000007468962

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 4

 : With A/T
 : With M/T



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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

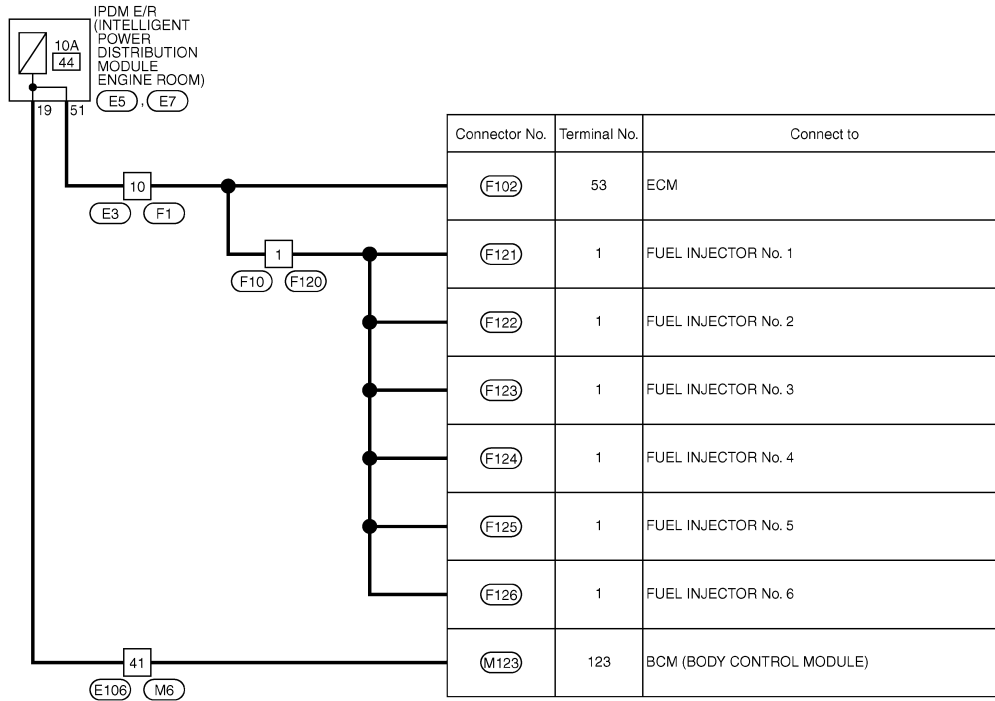
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000007468963

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 44



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JCMWM6108GB


POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >




[POWER SUPPLY & GROUND CIRCUIT]

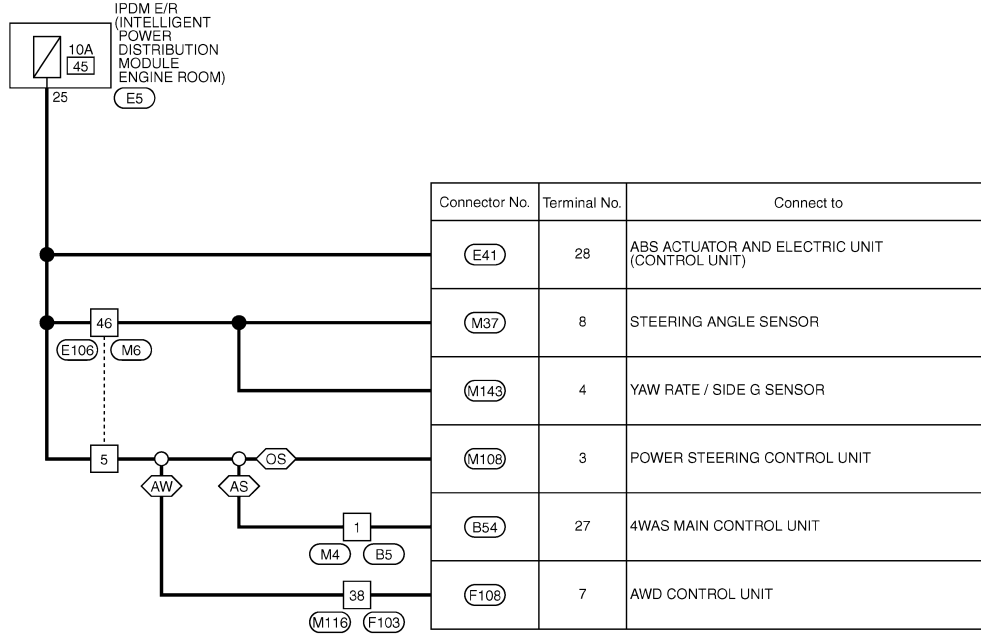
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000007468964

For connector terminal arrangements, harness layouts, and alphabets in a  (option abbreviation; if not described in wiring diagram), refer to [GI-12, "Connector Information"](#).

IGNITION POWER SUPPLY FUSE No. 45

-  : AWD models
-  : With 4WAS
-  : Without 4WAS



2009/11/05

JCMWM6113GB

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POWER SUPPLY ROUTING CIRCUIT

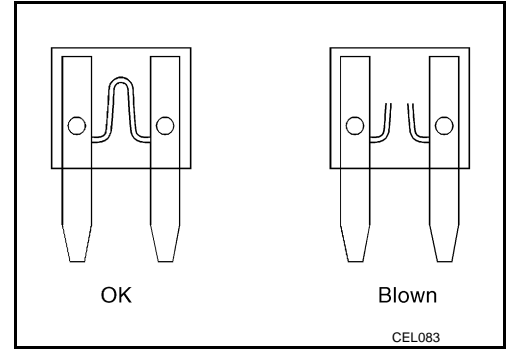
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Fuse

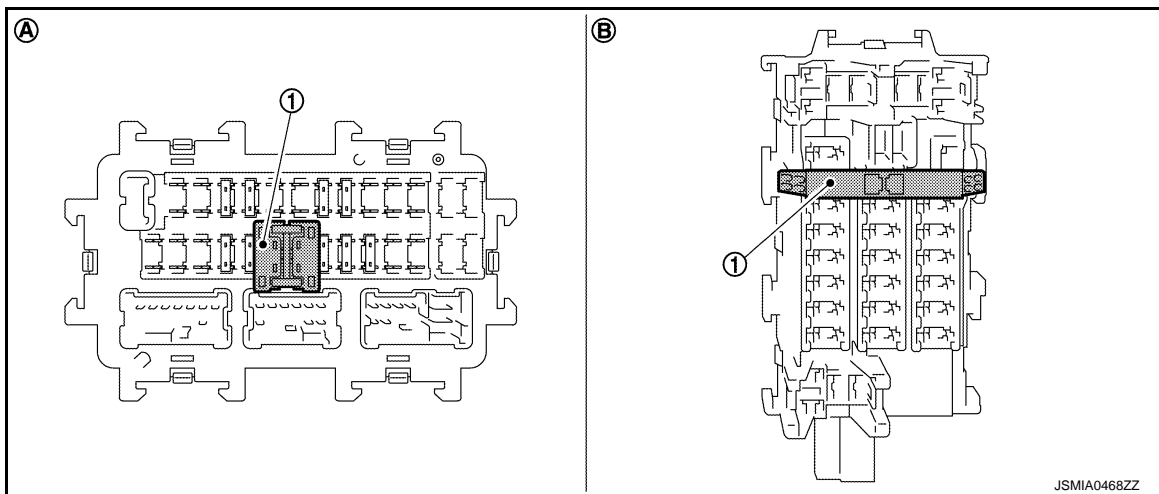
INFOID:000000007468965

- 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:

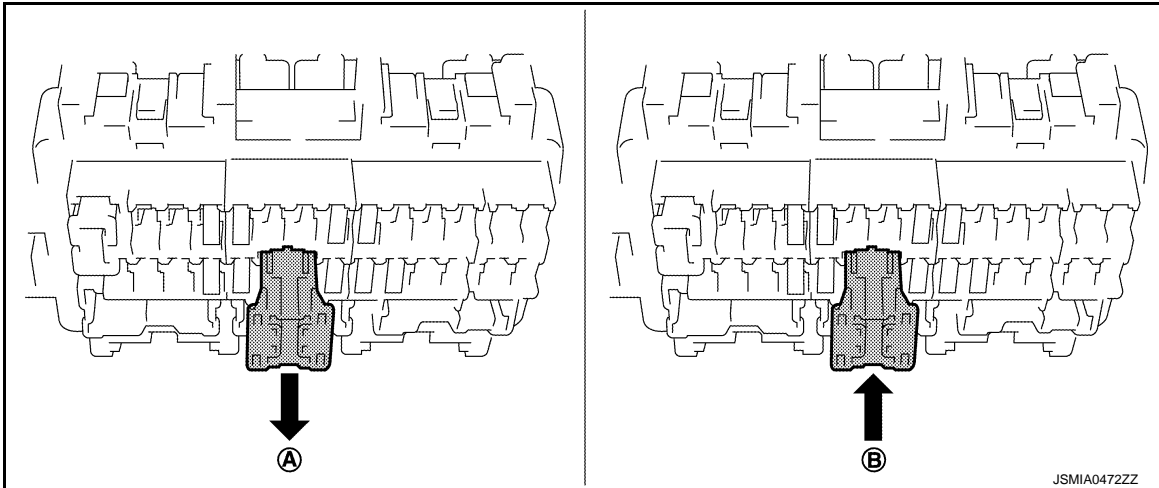
- Turn the ignition switch OFF when operating the extended storage switch.
- Under normal conditions, keep the extended storage switch in ON state. Never operate the extended storage switch except when necessary.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

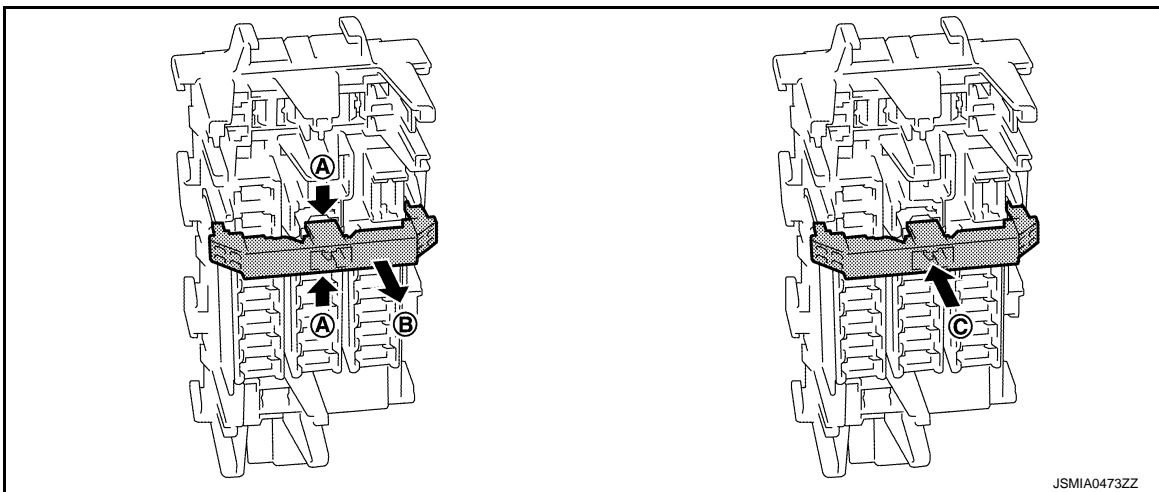
[POWER SUPPLY & GROUND CIRCUIT]

- 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

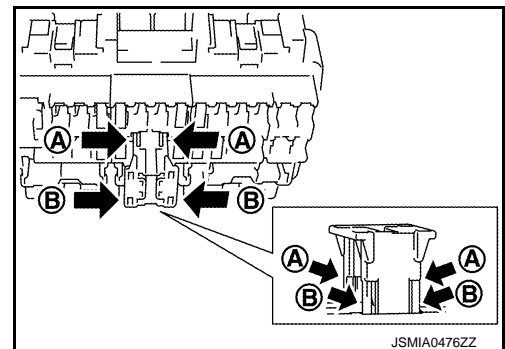


- To turn the extended storage switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
- To turn the extended storage switch ON, press it in (C) direction as shown in the figure.

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.

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POWER SUPPLY ROUTING CIRCUIT

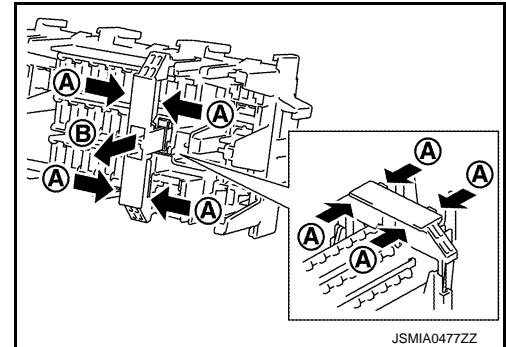
[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- 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.

Fusible Link

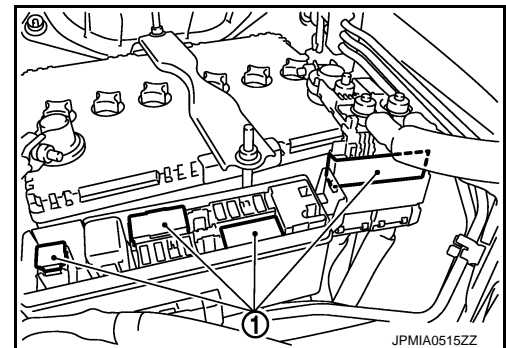
INFOID:000000007468966

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:

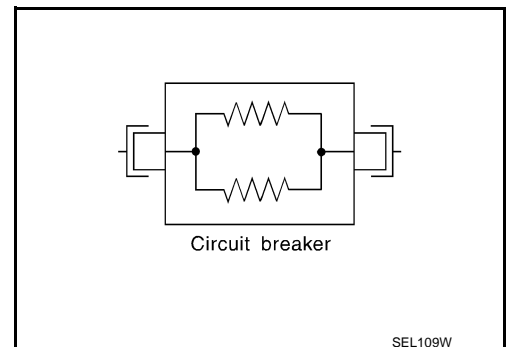
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring harness, vinyl or rubber parts.



Circuit Breaker

INFOID:000000007468967

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.



HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >






[POWER SUPPLY & GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000007773709

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

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HARNES LAYOUT

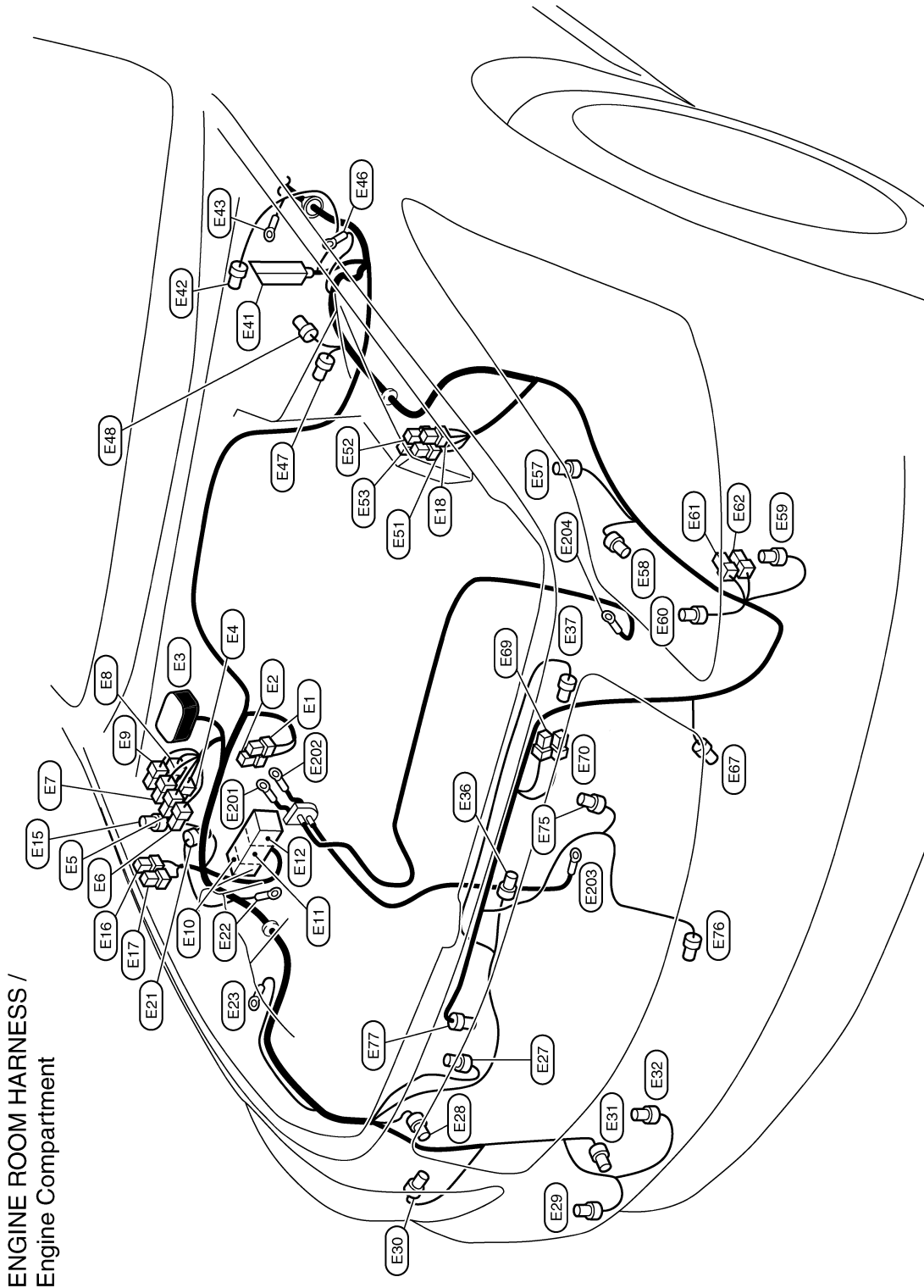
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000007773710

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

2011/07/13

JRMIC0700GB

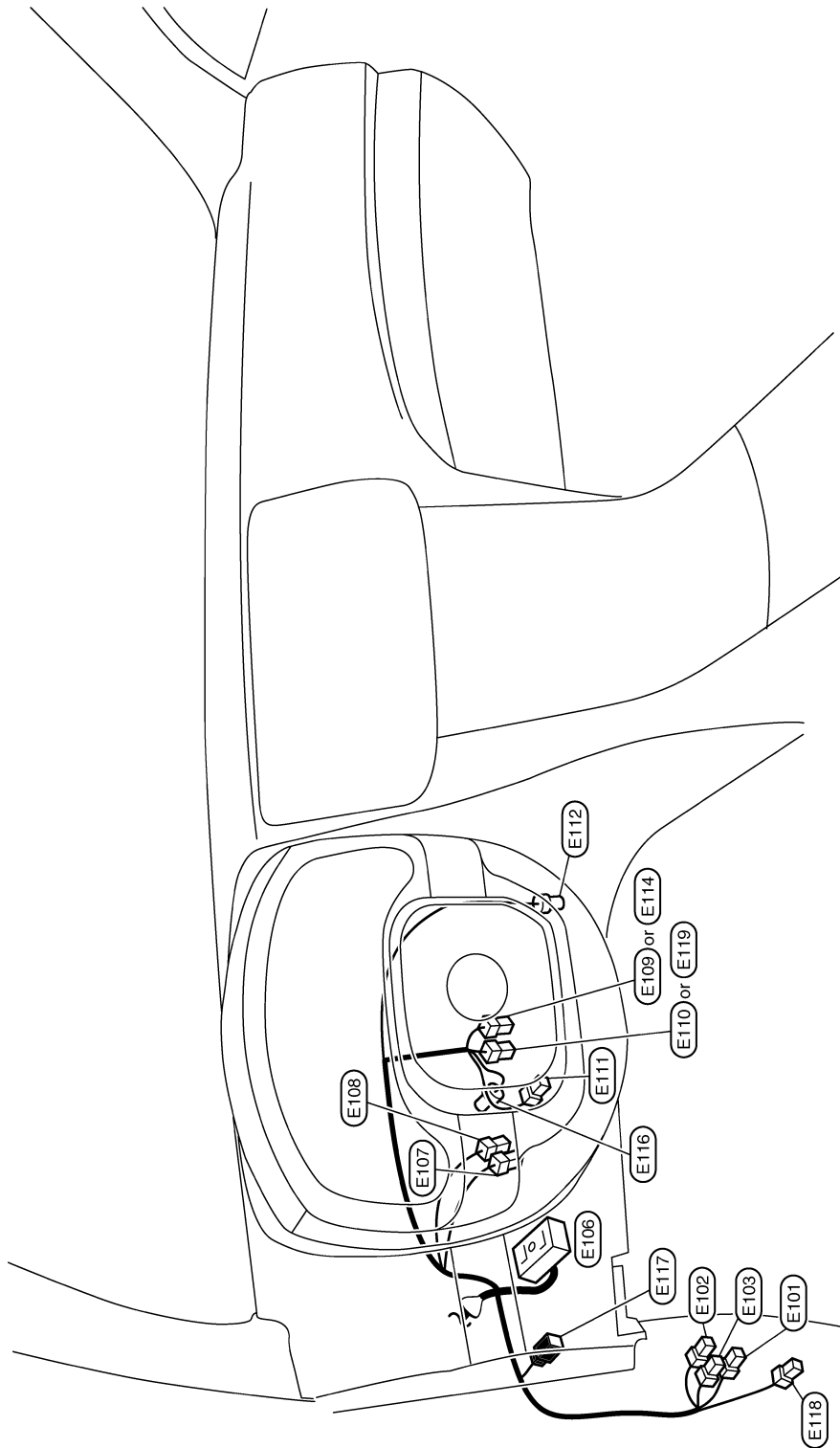
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



2011/07/13

JRMIC0701GB

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HARNES LAYOUT

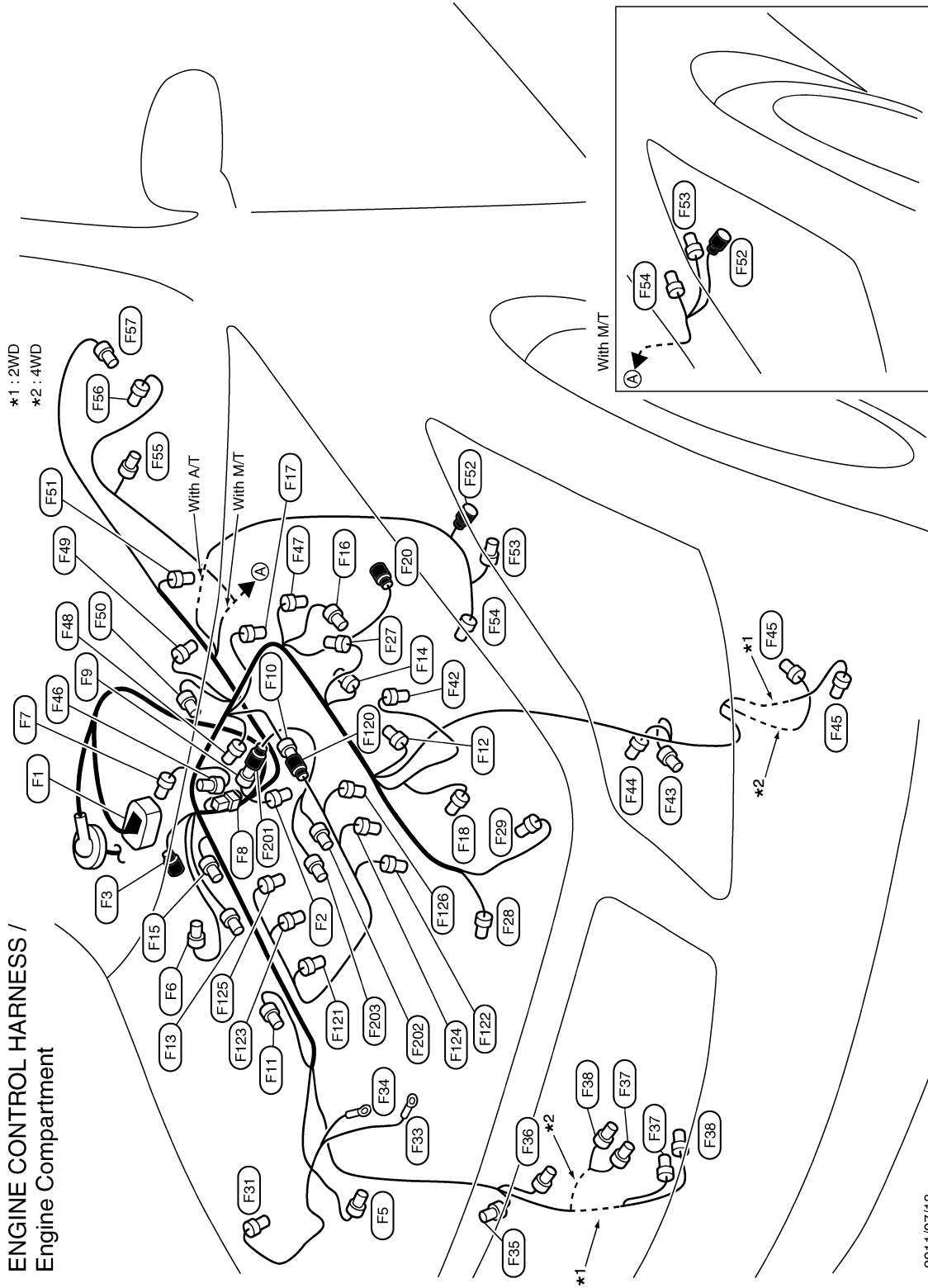
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness

INFOID:000000007773712

ENGINE COMPARTMENT



2011/07/13

JRMIC0702GB

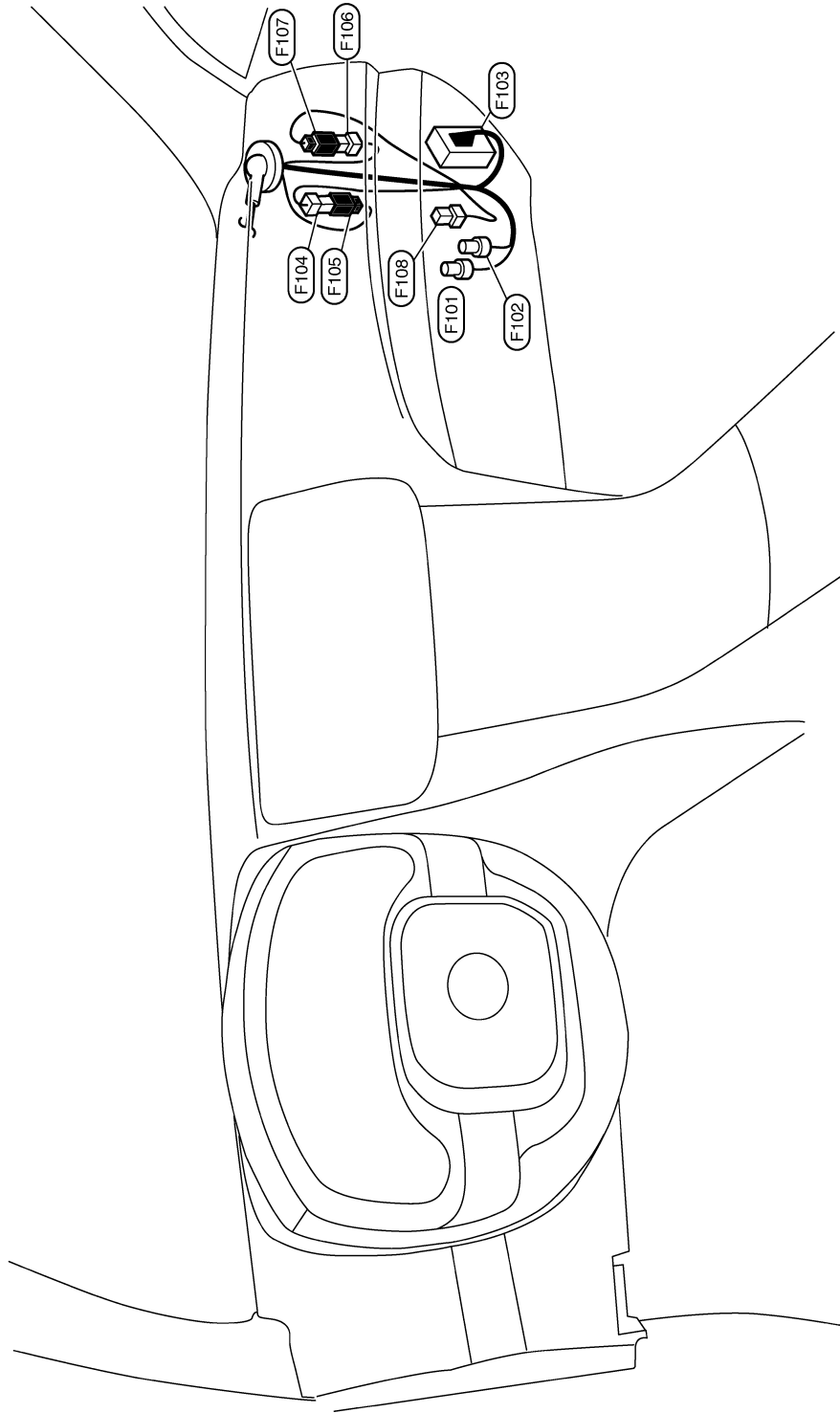
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



- A
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- I
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- K
- L
- PG**
- N
- O
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2009/11/05

JCMIM1116GB

HARNES LAYOUT

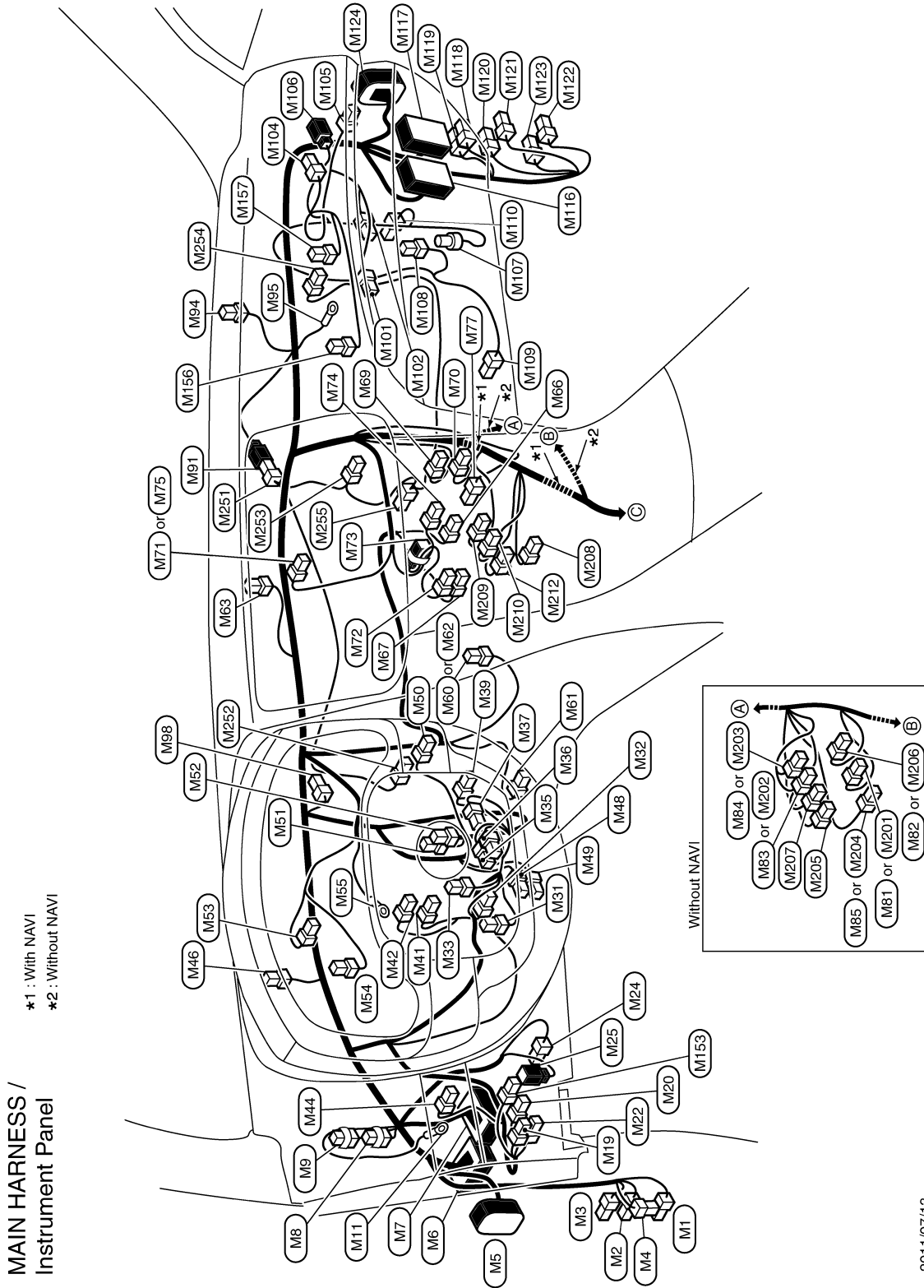
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000007773713

INSTRUMENT PANEL



2011/07/13

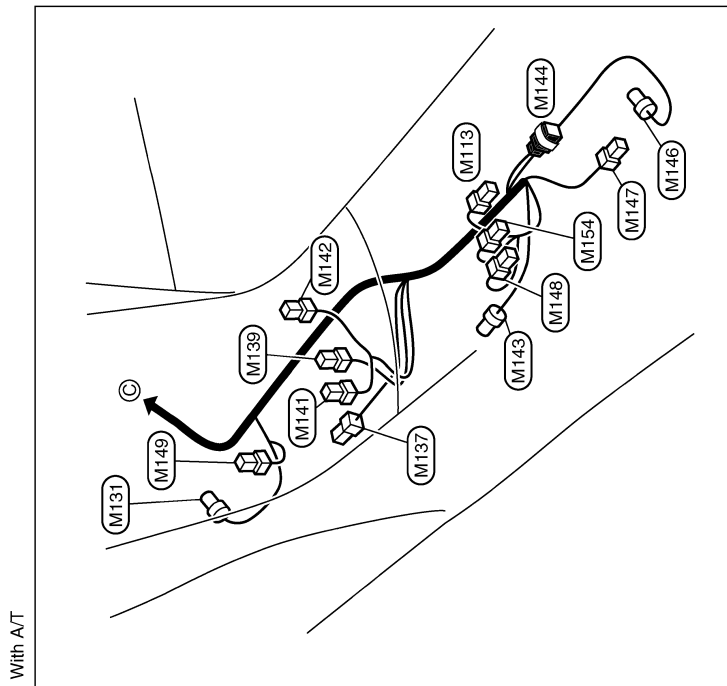
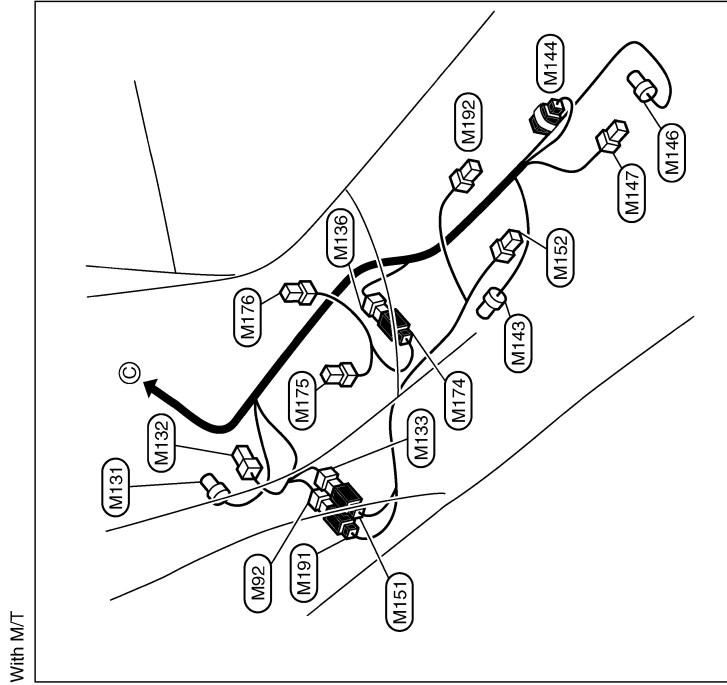
JRMIC0698GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FLOOR CONSOLE



Floor Console

2011/07/13

JRMIC0699GB

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HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

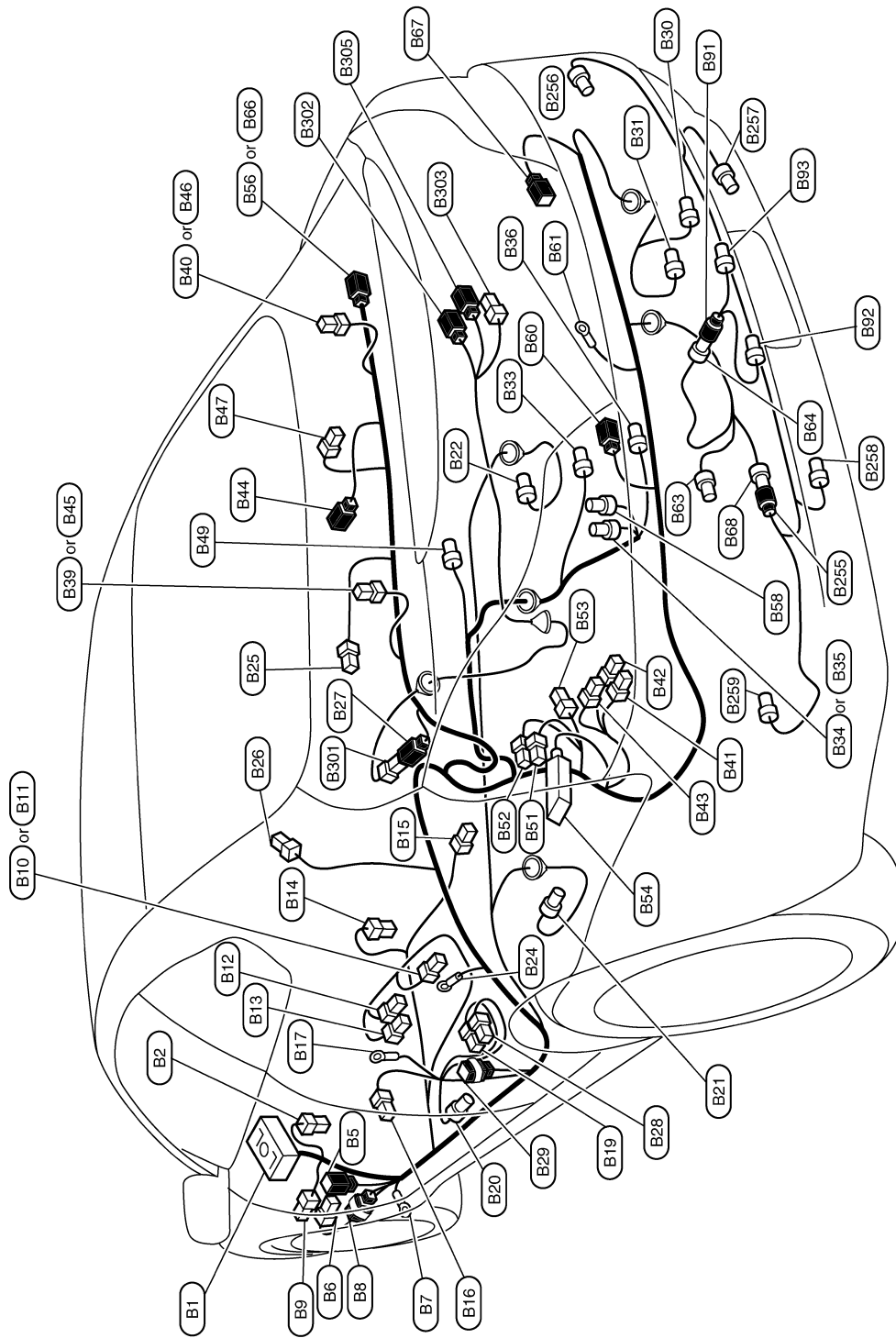
[POWER SUPPLY & GROUND CIRCUIT]

Body Harness

INFOID:000000007773714

BODY HARNESS

BODY HARNESS



2011/07/13

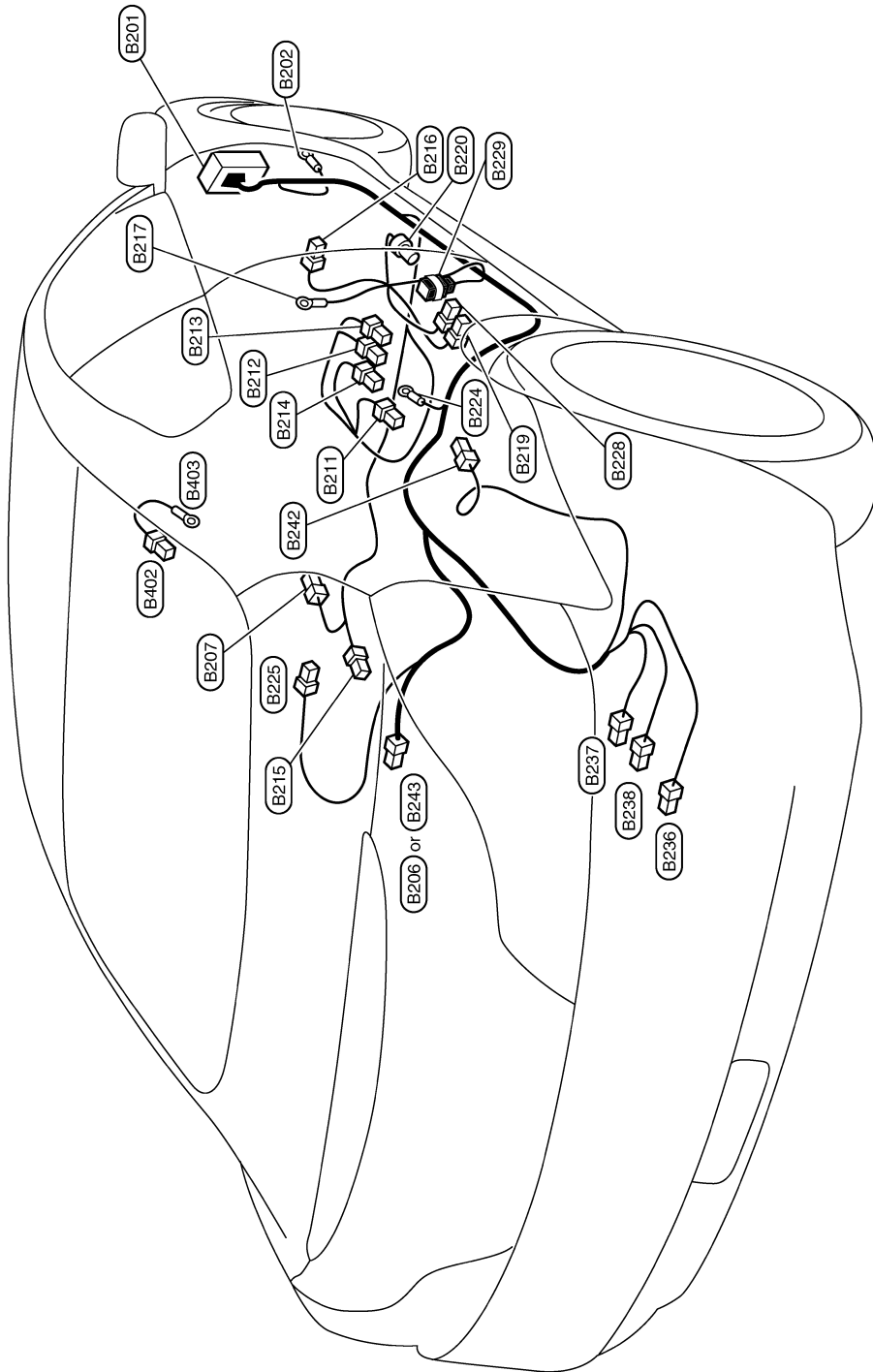
JRMIC0703GB

HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY No. 2 HARNESS



BODY No. 2 HARNESS

Door Harness

DOOR HARNESS

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2011/07/13

JRMIC0704GB

INFOID:000000007773715

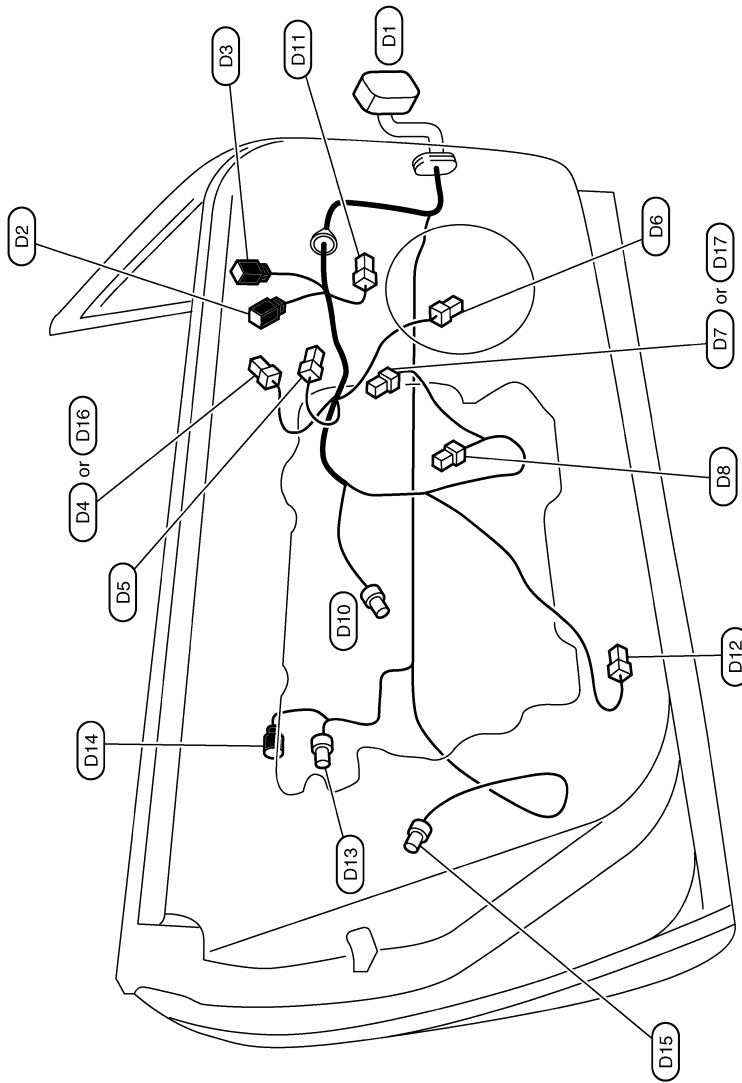
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Driver Side Door

DOOR HARNESS (DRIVER SIDE DOOR)



2011/07/13

JRMIC0706GB

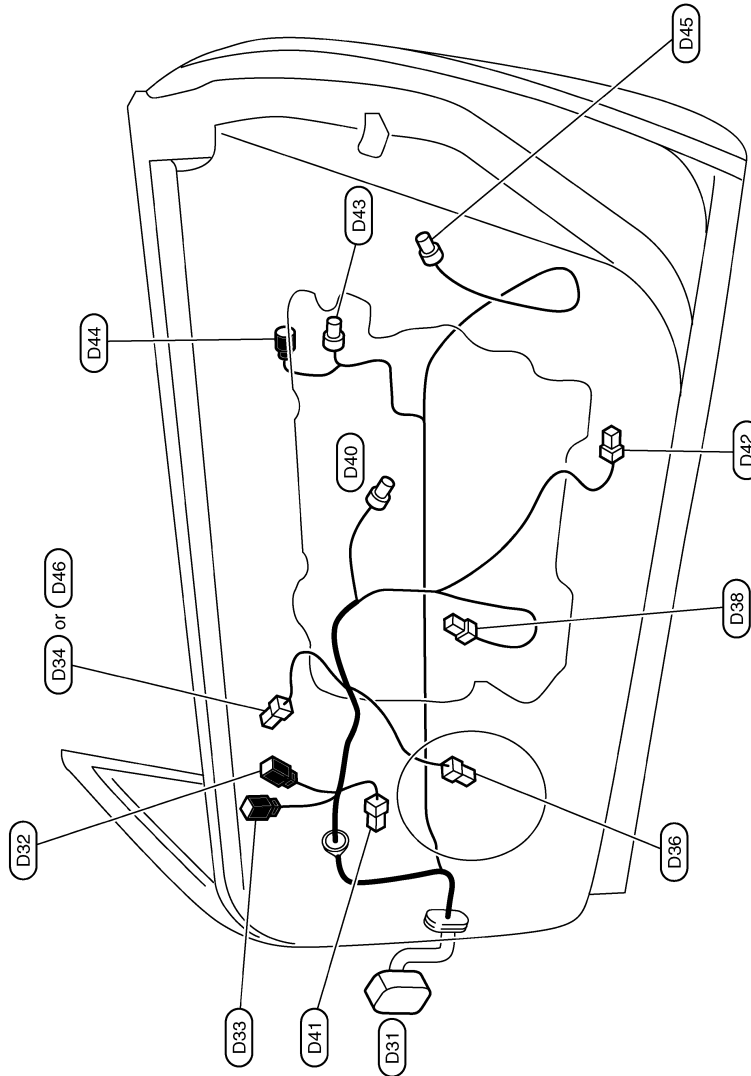
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Passenger Side Door

DOOR HARNESS (PASSENGER SIDE DOOR)



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2011/07/13

JRMIC0707GB

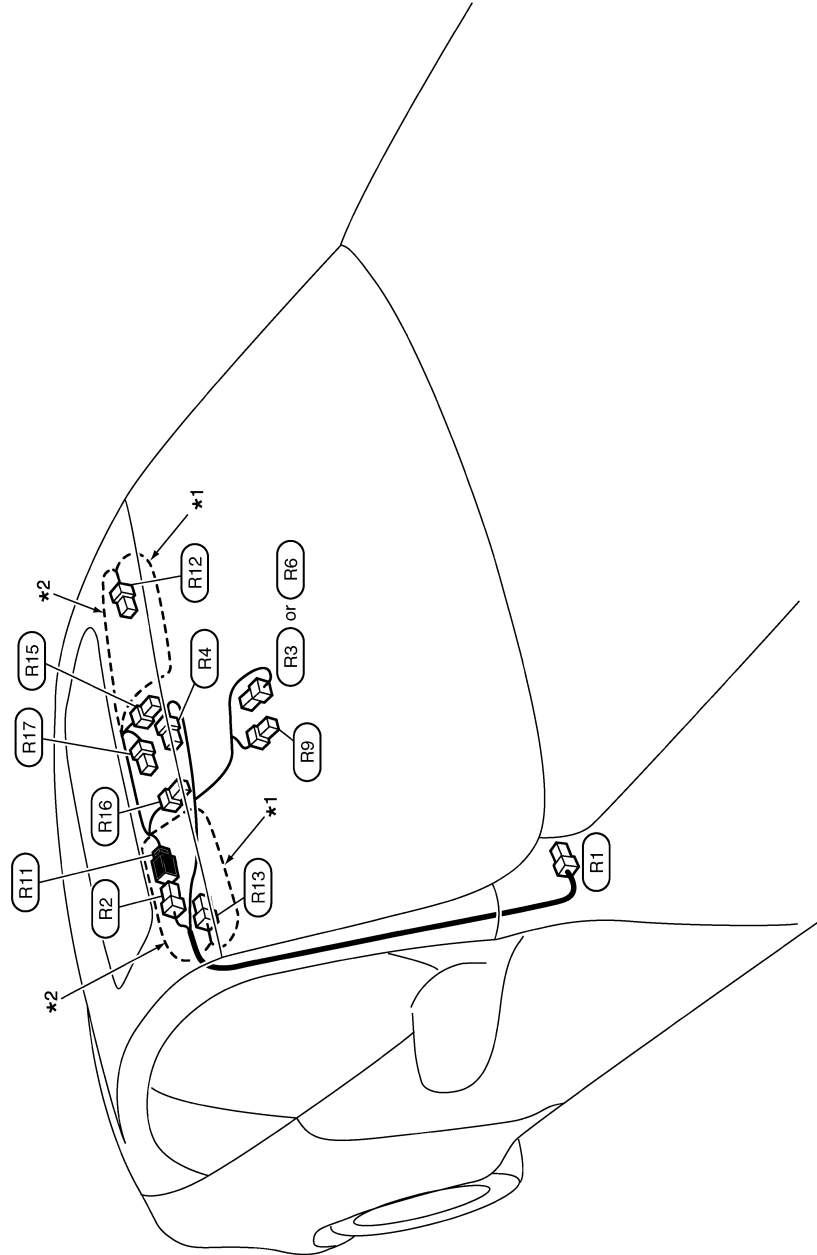
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000007773716



ROOM LAMP HARNESS

*1 : With sunroof
*2 : Without sunroof

2011/07/13

JRMIC0705GB

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

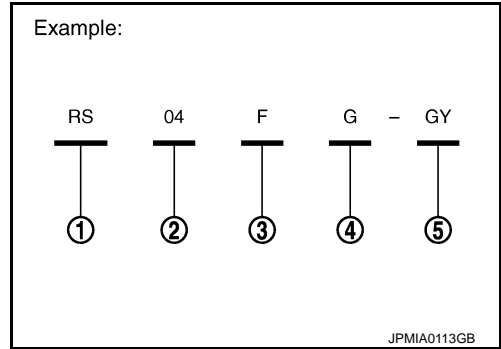
[POWER SUPPLY & GROUND CIRCUIT]

CONNECTOR INFORMATION

How to Read Connector Type

INFOID:000000007773717

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



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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

B Body Harness

INFOID:000000007773718

BODY HARNESS

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TR86FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	G	-
3	SB	-
4	Y	-
6	Y	-
15	V	-
16	BR	-
17	LG	-
18	W	-
20	L	-
21	P	-
22	L	-
23	P	-
24	GR	-
25	SB	-
26	G	-
27	W	-
28	G	-
31	V	-
32	SB	-
33	SHIELD	-
34	W	-
35	BR	-
36	Y	-
37	SHIELD	-
38	Y	-
39	LG	-
40	L	-
41	P	-
42	SHIELD	-
43	R	-
44	G	-
45	SHIELD	-
46	SB	-
47	L	-
48	P	-
50	P	-
56	G	-

58	V	-
59	LG	-
60	BR	-
61	W	-
62	R	-
63	L	-
64	Y	-
65	SHIELD	-
71	BR	-
72	SB	-
73	P	-
74	L	-
81	R	-
84	Y	-
85	L	-
86	GR	-
87	R	-
88	V	-
90	GR	-
91	Y	-
95	BG	-
96	R	-
100	V	-

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	V	-
4	LG	-
5	L	-
6	BG	-
7	B	-
12	Y	-
13	GR	-
14	R	-
15	G	-
16	W	-

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TR86MW-NH



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
5G	LG	-
6G	G	-
10G	W	-
11G	W	-
12G	Y	-

Connector No.	B8
Connector Name	WIRE TO WIRE
Connector Type	MO2MW-LC



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

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	MO6FW-LC



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B10	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	WIRE TO WIRE	1	GR	-
Connector Type	NS1ZFV-C5	2	Y	-
		3	L	-
		4	GR	-
		5	V	-
		9	V	-
		12	G	-
		19	P	-
		32	B	-
		33	SB	-
		40	G	-
		48	B	-
Connector No.	B11	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	WIRE TO WIRE	1	GR	-
Connector Type	NS16FW-C5	2	B	-
		3	V	-
		4	GR	-
		17	P	-
		32	B	-
		42	V	-
		43	GR	-
		48	B	-
Connector No.	B12	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	FRONT LH SIDE AIR BAG MODULE	1	Y	-
Connector Type	TR02FY-EX-IV	2	Y	-
Connector No.	B13	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)	1	GR	-
Connector Type	A03FW	2	B	-
Connector No.	B14	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	PARKING BRAKE SWITCH	1	GR	-
Connector Type	PR01FB-A	2	B	-
Connector No.	B15	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT	1	V	-
Connector Type	TR12FY-2V-EX	2	Y	-
Connector No.	B16	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	DRIVER SIDE DOOR SWITCH	1	P	-
Connector Type	A03FW	2	L	-
Connector No.	B17	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	FRONT LH SEAT BELT PRE-TENSIONER	1	Y	-
Connector Type	AC02FY	2	Y	-
Connector No.	B18	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	LH SIDE AIR BAG (SATELLITE) SENSOR	1	Y	-
Connector Type	HR02FY-1V-EX-LC	2	Y	-
Connector No.	B19	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name	FUEL LEVEL SENSOR UNIT (SUB)	1	P	-
Connector Type	EG02FY-PS	2	L	-

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B22
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP (WIND)
Connector Type	EGBFY-RS



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

Connector No.	B25
Connector Name	LH SIDE CURTAIN AIR BAG MODULE
Connector Type	AGB02FOR



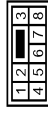
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	Y	-

Connector No.	B28
Connector Name	CONDENSER
Connector Type	MOJFN-LC



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

Connector No.	B27
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



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

Connector No.	B28
Connector Name	PRE-CRASH SEAT BELT MOTOR LH
Connector Type	TEB02FW-2V



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

Connector No.	B29
Connector Name	REAR SPEAKER LH
Connector Type	TR02MBR-P



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

Connector No.	B30
Connector Name	EVAP CONTROL SYSTEM PRESSURE SENSOR
Connector Type	EGBFY-RS



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

Connector No.	B31
Connector Name	EVAP CANISTER VENT CONTROL VALVE
Connector Type	EG2FB-RS



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

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

Connector No.	B33
Connector Name	REAR WHEEL SENSOR RH
Connector Type	AAZ02FE1



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

Connector No.	B34
Connector Name	REAR WHEEL SENSOR LH
Connector Type	RH02FE



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

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BODY HARNESS

Connector No.	B35
Connector Name	REAR WHEEL SENSOR LH
Connector Type	FAZ02FBZ



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

Connector No.	B38
Connector Name	4N4S REAR MOTOR
Connector Type	X02FB



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

Connector No.	B39
Connector Name	REAR SPEAKER LH
Connector Type	NS02FW-CS



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

Connector No.	B40
Connector Name	REAR SPEAKER RH
Connector Type	NS02FW-CS



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

Connector No.	B41
Connector Name	BOSE AMP.
Connector Type	SGA19FR-SD44



Terminal No.	Color of Wire	Signal Name [Specification]
16	SB	SOUND SIGNAL REAR WOOFER (+)
17	V	SOUND SIGNAL REAR WOOFER (-)
18	LG	SOUND SIGNAL REAR LH (+)
19	Y	SOUND SIGNAL REAR LH (-)
20	W	AMP. ON SIGNAL
21	SHIELD	SHIELD
22	GR	WOOFER AMP. ON SIGNAL
23	SB	SOUND SIGNAL REAR LH (+)
24	V	SOUND SIGNAL REAR LH (-)
25	Y	SOUND SIGNAL REAR RH (+)
26	BR	SOUND SIGNAL REAR RH (-)
28	L	SOUND SIGNAL CENTER (+)
30	BG	SOUND SIGNAL CENTER (-)
31	L	SOUND SIGNAL REAR RH (+)
32	R	SOUND SIGNAL REAR RH (-)
33	R	SOUND SIGNAL FRONT RH (+)
34	G	SOUND SIGNAL FRONT RH (-)
35	P	SOUND SIGNAL FRONT LH (+)
36	L	SOUND SIGNAL FRONT LH (-)
37	SB	MODE CHANGE SIGNAL

Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SGA12FR-SJAZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	SOUND SIGNAL FRONT LH (+)
2	W	SOUND SIGNAL FRONT LH (-)
3	LG	SOUND SIGNAL FRONT RH (+)
4	V	SOUND SIGNAL FRONT RH (-)
5	G	SOUND SIGNAL DOOR WOOFER RH (+)
6	R	SOUND SIGNAL DOOR WOOFER RH (-)
7	B	GND
9	W	SOUND SIGNAL DOOR WOOFER LH (+)
10	Y	BATTERY
11	GR	GND
12	B	GND
14	B	SOUND SIGNAL DOOR WOOFER LH (+)

Connector No.	B43
Connector Name	WOOFER AMP.
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	SOUND SIGNAL REAR WOOFER RH (+)
2	R	SOUND SIGNAL REAR WOOFER RH (-)
3	GR	WOOFER AMP. ON SIGNAL
4	B	SOUND SIGNAL REAR WOOFER LH (+)
5	V	SOUND SIGNAL REAR WOOFER LH (-)
7	B	BATTERY
8	SB	SOUND SIGNAL REAR WOOFER (+)
9	V	SOUND SIGNAL REAR WOOFER (-)
10	B	GND

Connector No.	B44
Connector Name	REAR MOUNTED STOP LAMP (ON THE REAR PARCEL SHEET)
Connector Type	TR02WBR-P



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

Connector No.	B45
Connector Name	REAR WOOFER LH
Connector Type	NS02FW-CS



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

Connector No.	B46
Connector Name	REAR WOOFER RH
Connector Type	NS02FW-CS



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B47
Connector Name	TRUNK ROOM LAMP
Connector Type	IS2FW



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

Connector No.	B49
Connector Name	INSIDE KEY ANTENNA (TRUNK ROOM)
Connector Type	RK0ZFGY



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

Connector No.	B51
Connector Name	NOISE SUPPRESSOR
Connector Type	NS03FW-CS



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

Connector No.	B52
Connector Name	NOISE SUPPRESSOR
Connector Type	NS02FW-CS



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

Connector No.	B53
Connector Name	4WAS REAR MOTOR RELAY
Connector Type	MS0ZFL-AZ



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

Connector No.	B54
Connector Name	4WAS MAIN CONTROL UNIT
Connector Type	A38FW-M4



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

1	L	CAN-H
4	BR	R-ANG GND
5	W	R-ANG VCC
7	R	R-ANG SUB SIG
8	P	CAN-L
15	G	R-ANG MAIN SIG
22	GR	STOP LAMP
25	SB	R-ANG MAIN SIG
27	V	IGN
31	BR	CAN-H
32	Y	CAN-L
34	B	GND
36	LG	P-S SOL
37	P	R-MTR PWR SUPPLY
38	Y	R-MTR (RH)
39	G	R-MTR (LH)
40	B	R-MTR GND

Connector No.	B56
Connector Name	WIRE TO WIRE
Connector Type	TR08MW-NH



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

Connector No.	B58
Connector Name	REAR WHEEL STEERING ANGLE SENSOR
Connector Type	RS34FGY-PR



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

2	R	-
3	BR	-
4	G	-

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	NS08MW-CS



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

Connector No.	B63
Connector Name	OUTSIDE KEY ANTENNA (REAR BUMPER)
Connector Type	RK0ZFGY



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B84
Connector Name	WIRE TO WIRE
Connector Type	RK0ZFDY



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

Connector No.	B86
Connector Name	WIRE TO WIRE
Connector Type	TR08AW-NH



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

Connector No.	B87
Connector Name	REAR COMBINATION LAMP RH
Connector Type	NS06M-CS



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

1	LG	-
2	R	-
3	B	-
4	V	-
6	BG	-

Connector No.	B88
Connector Name	WIRE TO WIRE
Connector Type	RK0BFGY



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

Connector No.	B81
Connector Name	WIRE TO WIRE
Connector Type	RK0ZMGY



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

Connector No.	B82
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RV0ZFBR



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

Connector No.	B83
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RV0ZFBR



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TR08FW-CS16-TM4



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

6	G	-
7	BG	-
9	LG	-
10	R	-
30	B	-
31	L	-
32	P	-
33	SB	-
34	V	-
40	GR	-
41	LG	-
42	BG	-
43	R	-
45	G	-
46	SHIELD	-
47	G	-
48	Y	-
49	SHIELD	-
50	P	-
59	BG	-
71	R	-
72	V	-
80	V	-
81	SHIELD	-
82	Y	-
83	BR	-
84	O	-
85	SHIELD	-
86	G	-
87	R	-
88	W	-
89	B	-
90	SB	-
91	V	-
94	W	-
95	G	-
97	BR	-

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

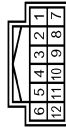
BODY HARNESS

Connector No.	B208
Connector Name	WIRE TO WIRE
Connector Type	TH18FW-NH



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

Connector No.	B207
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
7	SHIELD	-
8	R	-
9	B	-
10	W	-

Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
33	G	-
40	S	-
5	B	-
32	R	-
60	G	-
48	B	-
66	R	-
67	R	-

5	LG	-
8	P	-
32	B	-
33	W	-
40	EG	-
48	B	-
60	GR	-
66	GR	-
67	EG	-

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



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

Connector No.	B213
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	A03FW



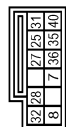
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-

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



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

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK12FY-IV-EX



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	PRH (+)
8	Y	PRH (-)
25	LG	RH BUCKLE SW INPUT
27	LG	CRH (+)
28	Y	CRH (-)
31	Y	SRH (+)
32	Y	SATELLITE RH (+)
35	G	SATELLITE RH (-)
36	R	GND
40	SHIELD	-

Connector No.	B216
Connector Name	PASSENGER SIDE DOOR SWITCH
Connector Type	A03FW



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

Connector No.	B219
Connector Name	FRONT RH SEAT BELT PRE-TENSIONER
Connector Type	A0302FY



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

Connector No.	B220
Connector Name	RH SIDE AIR BAG (SATELLITE) SENSOR
Connector Type	HR02FY-IV-EX-LC



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

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B225
Connector Name	RH SIDE CURTAIN AIR BAG MODULE
Connector Type	ACB02FY



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

Connector No.	B228
Connector Name	PRE-CRASH SEAT BELT MOTOR RH
Connector Type	TB0ZFW-2V



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

Connector No.	B229
Connector Name	REAR SPEAKER RH
Connector Type	TR02MR-P



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

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



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

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TH0ZFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	BATTERY
2	LG	ACC
3	BG	IGNITION
5	SHIELD	GND
6	R	SHIELD
7	R	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	Y	TEL VOICE SIGNAL (+)
10	G	TEL VOICE SIGNAL (-)
22	B	CONTROL SIGNAL

24	B	CONTROL SIGNAL
28	P	VEHICLE SPEED (3-PULSE)
29	G	MICROPHONE VCC

Connector No.	B238
Connector Name	TEL ADAPTER UNIT
Connector Type	TH0ZFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
35	L	AV COMM (R)
36	P	AV COMM (L)

Connector No.	B242
Connector Name	FUEL LD LOCK ACTUATOR
Connector Type	M04FW-LC



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

Connector No.	B243
Connector Name	WIRE TO WIRE
Connector Type	TH0ZFW-NH



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

Connector No.	B255
Connector Name	WIRE TO WIRE
Connector Type	RK08RGY



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B256
Connector Name	CORNER SENSOR REAR RH
Connector Type	YDX02FB



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

Connector No.	B257
Connector Name	CENTER SENSOR REAR RH
Connector Type	YDX02FB



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

Connector No.	B258
Connector Name	CENTER SENSOR REAR LH
Connector Type	YDX02FB



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

Connector No.	B259
Connector Name	CORNER SENSOR REAR LH
Connector Type	YDX02FB



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

Connector No.	B301
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



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

Connector No.	B302
Connector Name	HIGH MOUNTED STOP LAMP (IN THE REAR SPOILER)
Connector Type	TR02MW



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

Connector No.	B303
Connector Name	TRUNK LID LOCK ASSEMBLY
Connector Type	TB03FW



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

Connector No.	B305
Connector Name	REAR VIEW CAMERA
Connector Type	TR04MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	CAMERA ON SIGNAL

2	W	GND
3	Y	CAMERA IMAGE SIGNAL
4	SHIELD	SHIELD

Connector No.	B401
Connector Name	REAR WINDOW DEFOGGER
Connector Type	PQ11FB-A



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

Connector No.	B402
Connector Name	REAR WINDOW DEFOGGER
Connector Type	PQ11FB-A



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

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BODY HARNESS

Connector No.	B471
Connector Name	TEL ADAPTER UNIT
Connector Type	GT16C-1P-HU



Terminal No.	Color of Wire	Signal Name [Specification]
33	SHIELD	TEL ANTENNA SHIELD
34	SHIELD	SHIELD

Connector No.	B482
Connector Name	SATELLITE RADIO TUNER
Connector Type	-



Terminal No.	Color of Wire	Signal Name [Specification]
33	-	SATELLITE RADIO ANTENNA SIGNAL
34	-	SHIELD

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.	B501
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	R/Y	-
4	W	-
5	L	-
9	B	-
12	Y	-
19	V	-
32	B/W	-
33	R	-
40	R/W	-
48	B	-

Connector No.	B502
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	-
2	R/Y	-
5	Y	-
17	Y/R	-
18	L/Y	-
21	B/W	-
33	R	-
40	R/W	-
42	B	-
43	W	-
48	B	-

60	Y	-
----	---	---



Terminal No.	Color of Wire	Signal Name [Specification]
1	L/W	RX
3	R/Y	CAN-H
4	O/B	SLIDING LIMIT SW
5	L	BUCKLE SW
8	L/Y	P RANGE SW
9	W/G	PULSE (RECLINING)
10	P/B	PULSE (FR LIFTING)
11	BR	SLIDING SW (BACKWARD)
12	SB	FRONT LIFTING SW (DOWNWARD)
13	LG/R	REAR LIFTING SW (DOWNWARD)
14	G/B	VCC
16	O	TX
17	Y/R	CAN-L
19	V	P RANGE SW
21	L/Y	PULSE (SLIDING)
24	R	PULSE (FR LIFTING)
25	Y/B	SLIDING SW (FORWARD)
26	Y	RECLINING SW (FORWARD)
27	R/G	FRONT LIFTING SW (UPWARD)
28	W/B	REAR LIFTING SW (UPWARD)
29	P/L	POWER WALK-IN SW
30	P	SENSOR GND
31	GR	GND (SERIAL)
32	B/W	-

Connector No.	B504
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	NS18FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
33	R	BAT (C/B)
35	W/R	SLIDING MOTOR (FORWARD)
36	G/Y	RECLINING MOTOR (FORWARD)
37	G/W	FRONT LIFTING MOTOR (DOWNWARD)
38	L/Y	REAR LIFTING MOTOR (UPWARD)
39	R/B	REAR LIFTING MOTOR (BACKWARD)
40	R/W	BAT (FUSE)
41	Y/G	FORWARD SW
42	W	SLIDING MOTOR (BACKWARD)
44	P	RECLINING MOTOR (BACKWARD)
45	L/R	FRONT LIFTING MOTOR (UPWARD)
48	B	GND (POWER)

Connector No.	B505
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS94FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
33	R	-
48	B	-
57	W	-
58	L	-

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B508
Connector Name	LUMBAR SUPPORT MOTOR
Connector Type	CS2FW



Terminal No.	57	58	
Color of Wire	W	L	
Signal Name [Specification]			

Connector No.	B509
Connector Name	SIDE SUPPORT SWITCH
Connector Type	NS06FW-CS



Terminal No.	48	52	53	54	
Color of Wire	B	G	B/R	V/W	R/L
Signal Name [Specification]					

Connector No.	B509
Connector Name	SIDE SUPPORT UNIT
Connector Type	NS06FW-CS



Terminal No.	33	48	52	54	55
Color of Wire	R	B	G	B/R	V/W
Signal Name [Specification]					

Connector No.	B510
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS



Terminal No.	11	12	13	14	26	27	28	29	32
Color of Wire	BR	SB	LG/R	G/B	Y	R/G	W/B	P/L	B/W
Signal Name [Specification]									

Connector No.	B511
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS



Terminal No.	11	12	13
Color of Wire	BR	SB	LG/R
Signal Name [Specification]			

Terminal No.	14	26	27	28	29	32
Color of Wire	G/B	Y	R/G	W/B	P/L	B/W
Signal Name [Specification]						

Connector No.	B512
Connector Name	FORWARD SWITCH
Connector Type	IS02FW



Terminal No.	32	41
Color of Wire	B/W	Y/G
Signal Name [Specification]		

Connector No.	B513
Connector Name	POWER WALK-IN SWITCH
Connector Type	TR02FBR



Terminal No.	30	32
Color of Wire	P	B/W
Signal Name [Specification]		

Connector No.	B514
Connector Name	SLIDING LIMIT SWITCH
Connector Type	TR02MFR-P



Terminal No.	4	32
Color of Wire	O/B	B/W
Signal Name [Specification]		

Connector No.	B517
Connector Name	SEAT CUSHION HEATER
Connector Type	IS04FW



Terminal No.	59	66	68	69
Color of Wire	B	B	R/W	R
Signal Name [Specification]				

























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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No. B518	HEATED SEAT CONTROL UNIT	174923-1		Connector No. B529	LIFTING MOTOR (REAR)	NS302FW-CS
Connector Name				Connector Name		
Connector Type				Connector Type		
 			 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
59	B	GROUND	10	P/B	-	
60	Y	IGN POWER SUPPLY	16	O	-	
66	B	HEATED SEAT OPERATION SIGNAL	31	GR	-	
67	W	HEATED SEAT SWITCH SIGNAL	38	L/Y	-	
68	R/W	HEATER UNIT POWER SUPPLY	39	R/B	-	
69	R	HEAT SENSOR SIGNAL				
Connector No. B523	RECLINING MOTOR	NS302FW-CS	Connector No. B530	LIFTING MOTOR (REAR)	NS302FW-CS	
Connector Name			Connector Name			
Connector Type			Connector Type			
 			 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
9	W/G	-	38	L/Y	-	
16	O	-	39	R/B	-	
31	GR	-				
36	G/Y	-				
44	P	-				
Connector No. B524	RECLINING MOTOR	NS302FW-CS	Connector No. B528	LIFTING MOTOR (FRONT)	NS302FW-CS	
Connector Name			Connector Name			
Connector Type			Connector Type			
 			 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
36	G/Y	-	16	O	-	
44	P	-	25	Y/B	-	
			31	GR	-	
			37	G/W	-	
			45	L/R	-	
Connector No. B525	SLIDING MOTOR	6098-0239	Connector No. B526	SLIDING SENSOR	6098-0241	
Connector Name			Connector Name			
Connector Type			Connector Type			
 			 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
35	W/R	-	37	G/W	-	
42	W	-	46	L/R	-	
Connector No. B527	LIFTING MOTOR (FRONT)	NS302FW-CS	Terminal No.	Color of Wire	Signal Name [Specification]	
Connector Name			37	G/W	-	
Connector Type			46	L/R	-	
 			 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
16	O	-	38	L/Y	-	
25	Y/B	-	39	R/B	-	
31	GR	-				
37	G/W	-				
45	L/R	-				
Connector No. B528	LIFTING MOTOR (FRONT)	NS302FW-CS	Terminal No.	Color of Wire	Signal Name [Specification]	
Connector Name			37	G/W	-	
Connector Type			46	L/R	-	
 			 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	
16	O	-	16	O	-	
25	Y/B	-	24	R	-	
31	GR	-				
37	G/W	-				
45	L/R	-				

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B541
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

Connector No.	B542
Connector Name	WIRE TO WIRE
Connector Type	M02AW-LC



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

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	NS12AW-CS



Terminal No.	5	8
Color of Wire	L	LG
Signal Name [Specification]	-	-

Terminal No.	33	40	48	60	66	67
Color of Wire	R	R/W	B	Y	B	W
Signal Name [Specification]	-	-	-	-	-	-

Connector No.	B552
Connector Name	PASSENGER SEAT CONTROL UNIT
Connector Type	TH32FW



Terminal No.	4	5	8	11	12	13	14	16	24	26	27	28	29	30	31	32
Color of Wire	O/B	L	LG	BR	SB	LG/R	G/B	O	R	Y	R/G	W/B	P/L	P	GR	B/W
Signal Name [Specification]	SLIDING LIMIT SW	BUCKLE SW	DOOR SW	SLIDING SW (BACKWARD)	RECLINING SW (BACKWARD)	FRONT LIFTING SW (DOWNWARD)	REAR LIFTING SW (DOWNWARD)	POWER SUPPLY FOR SENSOR	SLIDE PULSE	SLIDING SW (FORWARD)	RECLINING SW (FORWARD)	FRONT LIFTING SW (UPWARD)	REAR LIFTING SW (UPWARD)	POWER WALK-IN SW	GND FOR SENSOR	GND (SENSOR)

Connector No.	B553
Connector Name	PASSENGER SEAT CONTROL UNIT
Connector Type	NS16FW-CS



Terminal No.	33	36	37	38	39	40	41	42	44	45	48
Color of Wire	R	W/R	G/Y	L/Y	R/B	R/W	Y/G	W	P	L/R	B
Signal Name [Specification]	BAT (C/B)	SLIDING MOTOR (FORWARD)	RECLINING MOTOR (FORWARD)	FRONT LIFTING MOTOR (UPWARD)	REAR LIFTING MOTOR (DOWNWARD)	FORWARD SW	FORWARD MOTOR (BACKWARD)	RECLINING MOTOR (BACKWARD)	FRONT LIFTING MOTOR (UPWARD)	GND (POWER)	-

Connector No.	B554
Connector Name	POWER SEAT SWITCH
Connector Type	NS10FW-CS



Terminal No.	12	13	14	22	23	27
Color of Wire	SB	LG/R	G/B	W/G	O/L	R/G
Signal Name [Specification]	-	-	-	-	-	-

Connector No.	B556
Connector Name	FORWARD SWITCH
Connector Type	IS02FW



Terminal No.	32	41
Color of Wire	B/W	Y/G
Signal Name [Specification]	-	-

Connector No.	B557
Connector Name	POWER WALK-IN SWITCH
Connector Type	TR02FBR



Terminal No.	30	32
Color of Wire	P	B/W
Signal Name [Specification]	-	-

Connector No.	B558
Connector Name	SLIDING LIMIT SWITCH
Connector Type	TR02MR-P



Terminal No.	4	32
Color of Wire	O/B	B/W
Signal Name [Specification]	-	-

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No. B581 Connector Name SLIDING SWITCH (SEATBACK) Connector Type A89FW	Signal Name [Specification] - - -	Terminal No. Color of Wire 35 W/R W 42 W Connector No. B588 Connector Name SLIDING SENSOR Connector Type 6098-0241	Signal Name [Specification] 24 B116 - -
Terminal No. Color of Wire 11 BR 22 W/G 23 GR/L 28 Y 32 B/W Connector No. B586 Connector Name RECLINING MOTOR Connector Type NS32FW-CS	Signal Name [Specification] - - - - -	Terminal No. Color of Wire 16 O 24 R 31 GR Connector No. B589 Connector Name LIFTING MOTOR (FRONT) Connector Type NS32FW-CS	Signal Name [Specification] - - -
Terminal No. Color of Wire 36 G/Y 44 P Connector No. B597 Connector Name SLIDING MOTOR Connector Type 6098-0239	Signal Name [Specification] - -	Terminal No. Color of Wire 37 G/W 46 L/R Connector No. B599 Connector Name HEATED SEAT CONTROL UNIT Connector Type 174823-1	Signal Name [Specification] - -
Terminal No. Color of Wire 59 B 60 Y 66 B 67 W 68 R/W 69 R Connector No. B581 Connector Name WIRE TO WIRE Connector Type M02FW-LC	Signal Name [Specification] GROUND IGN POWER SUPPLY HEATED SEAT OPERATION SIGNAL HEATED SEAT SWITCH SIGNAL HEATER UNIT POWER SUPPLY HEAT SENSOR SIGNAL	Terminal No. Color of Wire 38 L/Y 39 R/B Connector No. B574 Connector Name SEAT CUSHION HEATER Connector Type SM4FW	Signal Name [Specification] - -
Terminal No. Color of Wire 1 - 2 - Connector No. B592 Connector Name WIRE TO WIRE Connector Type M02MW-LC	Signal Name [Specification] - -	Terminal No. Color of Wire 59 B 66 B 68 R/W 69 R Connector No. B575 Connector Name HEATED SEAT CONTROL UNIT Connector Type 174823-1	Signal Name [Specification] - -
Terminal No. Color of Wire 1 - 2 - Connector No. B581 Connector Name WIRE TO WIRE Connector Type M02FW-LC	Signal Name [Specification] - -	Terminal No. Color of Wire 67 B59 63 B68 60 Connector No. B575 Connector Name HEATED SEAT CONTROL UNIT Connector Type 174823-1	Signal Name [Specification] - -

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

D Door Harness

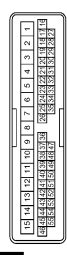
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Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-
3	SB	-
4	V	-
6	L	-
9	P	-
10	LG	-
12	GR	-
13	W	-
14	G	-
15	R	-
16	GR	-
17	SB	-
18	BR	-
19	BG	-
20	P	-
21	R	-
25	V	-
26	R	-
27	BR	-
28	W	-
29	Y	-
30	G	-
31	LG	-
32	GR	-
33	B	-
36	W	-
37	P	-
38	V	-
39	BR	-
42	G	-
43	GR	-
44	BR	- [With automatic drive position]
44	BG	- [Without automatic drive position]
47	L	-
48	B	-
49	SB	-
50	W	-

Terminal No.	Color of Wire	Signal Name [Specification]
51	P	-
52	V	-

Connector No.	P	V
D1	-	-


Connector Name: WIRE TO WIRE
Connector Type: TH40FW-C515



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

Connector No.	D2
D2	-


Connector Name: TWEETER LH
Connector Type: TK02MR-P



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

Connector No.	D3
D3	-


Connector Name: DOOR MIRROR (DRIVER SIDE)
Connector Type: TH12MW-NH



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

Connector No.	D4
D4	-


Connector Name: TWEETER LH
Connector Type: TK02FBR



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

Connector No.	D5
D5	-

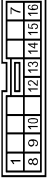
Connector Name: SEAT MEMORY SWITCH
Connector Type: A08FW



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

Connector No.	D7
D7	-


Connector Name: DOOR MIRROR REMOTE CONTROL SWITCH
Connector Type: TK18FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
7	V	-
8	B	-
9	R	-
10	G	-
12	G	-
13	GR	-
14	GR	-
15	BG	-
18	BG	-

Connector No.	D6
D6	-

Connector Name: DOOR SPEAKER LH
Connector Type: NS02FW-C5



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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

DOOR HARNESS		D11		D14		D17	
Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire
1	Y	1	G	1	LG	4	BR
5	BG	2	R	2	P	7	B
6	GR			3	L	8	B
7	W			4	B	9	R
8	L			5	W	10	GR
9	LG			6	GR	11	LG
10	SB					12	G
11	BR					13	W
12	V					15	Y
13	R						
14	G						
15	B						

D10		D12		D15		D16	
Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire
1	G	1	G	1	LG	1	LG
2	B	2	R	2	P	2	P
3	BR	3	SB	3	L	3	L
4	BG	4	V	4	B	4	B
5	LG			5	W	5	W
6	L			6	GR	6	GR

D8		D13		D16	
Terminal No.	Color of Wire	Terminal No.	Color of Wire	Terminal No.	Color of Wire
1	G	1	R	1	LG
2	B	2	SB	2	P
3	BR			3	L
4	BG			4	B
5	LG			5	W
6	L			6	GR

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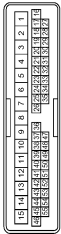
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY & GROUND CIRCUIT]

DOOR HARNESS

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




Connector No.	D32
Connector Name	TWEETER RH
Connector Type	TH20MR-P




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

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




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

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




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1	L	-
2	W	-

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




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

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




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

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




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

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



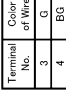
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	BR	-
4	BG	-
5	LG	-
6	L	-

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




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

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




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

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




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

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



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

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



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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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DOOR HARNESS

Connector No.	D42
Connector Name	STEP LAMP (PASSENGER SIDE)
Connector Type	TR02FW



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

Connector No.	D43
Connector Name	OUTSIDE HANDLE RH (REQUEST SWITCH)
Connector Type	TR02FL



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

Connector No.	D44
Connector Name	OUTSIDE HANDLE RH (OUTSIDE KEY ANTENNA)
Connector Type	FR02MGY



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

Connector No.	D45
Connector Name	PASSENGER SIDE DOOR LOCK ASSEMBLY
Connector Type	EM02Y-RS



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

Connector No.	D46
Connector Name	DOOR SQUARE/RH
Connector Type	TR02FBR



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

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

E Engine Room Harness

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ENGINE ROOM HARNESS

Connector No.	E1
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FB-MC



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

Connector No.	E2
Connector Name	FUSIBLE LINK HOLDER
Connector Type	LO2FY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAAS0MB-RSS-SH2Z



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

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

Connector No.	E4
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LO2FB-MC



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

Connector No.	E5
Connector Name	FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH2DFW-CS1Z-MA-1V



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
6	SB	-
7	R	-
12	B/W	-
13	Y	-
16	LG	-
18	W	-
25	G	-
26	R	-
27	BG	-
28	L	-
30	GR	-
36	G	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
38	P	-
40	L	-
41	B/W	-
42	Y	-
43	SB	-
44	LG	-
45	G	-
46	W	-

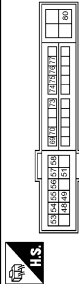
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

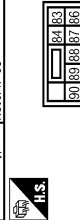
ENGINE ROOM HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
48	BR	-
49	BG	-
51	Y	-
53	W	-
54	P	-
55	SB	-
56	LG	-
57	G	-
58	GR	-
69	BR	-
70	BG	-
73	P	-
74	G	-
75	SB	-
76	Y	-
77	R	-
80	W	-

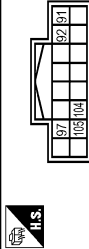
Connector No.	E8
Connector Name	ENGINE ROOM INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS08FW-CS



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

89	BR	-
90	LG	-

Connector No.	E9
Connector Name	ENGINE ROOM INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH18FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
91	P	-
92	BG	-
97	V	-
104	LG	-
105	L	-

Connector No.	E10
Connector Name	FUSIBLE LINK HOLDER
Connector Type	24380 JL00A



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

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	24381 7900A



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

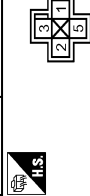
Connector No.	E15
Connector Name	VVEL CONTROL MODULE
Connector Type	RH18FB-AJ28-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VVEL ACTUATOR MOTOR POWER SUPPLY (B2)
2	L/B	VVEL ACTUATOR MOTOR HIGH LIFT 1 (B2)
3	G	VVEL CONTROL SHAFT POS SEN Z (B1)
4	W	SENSOR GROUND
5	P	VVEL CONTROL SHAFT POS SEN Z (B2)
6	B	SENSOR GROUND
7	SB	SENSOR POWER SUPPLY
8	BG	POWER SUPPLY FOR VVEL CONTROL MODULE
9	LG	SENSOR POWER SUPPLY
11	G	CAN COMMUNICATION LINE (COM)
12	C	VVEL ACTUATOR MOTOR HIGH LIFT (B1)
13	W	VVEL ACTUATOR MOTOR POWER SUPPLY (B1)
14	B/W	VVEL CONTROL MODULE GROUND
15	L/Y	VVEL ACTUATOR MOTOR LOW LIFT (B2)
16	R	SENSOR GROUND
17	L	VVEL CONTROL SHAFT POS SEN 1 (B1)
18	G	VVEL CONTROL SHAFT POS SEN 1 (B2)
19	W	SENSOR GROUND
20	BR	SENSOR POWER SUPPLY

21	V	VVEL ACTUATOR MOTOR RELAY / ABORT SIGNAL
22	P	SENSOR POWER SUPPLY
23	Y	VVEL CONTROL MOTOR RELAY
24	L	CAN COMMUNICATION LINE
25	BR	VVEL CONTROL MOTOR (LOW LIFT) (B1)

Connector No.	E16
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	24347 9F900



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347 9F900



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

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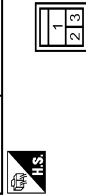
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E13
Connector Name	HORN RELAY 2
Connector Type	MS3FW-R-LC



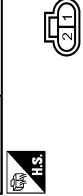
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	-
2	Y	-
3	G	-

Connector No.	E21
Connector Name	BATTERY CURRENT SENSOR
Connector Type	RH03FB



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

Connector No.	E27
Connector Name	FRONT WHEEL SENSOR RH
Connector Type	A4Z02EB1



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

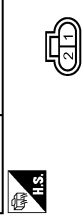
Terminal No.	1	B	-
Terminal No.	2	W	-

Connector No.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS30FB-PR



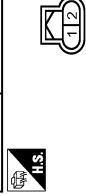
Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	B/W	-
5	R	-
6	V	- [With daytime running light]
6	V	- [Without daytime running light]
7	LG	-
8	BR	-

Connector No.	E29
Connector Name	FRONT FOG LAMP RH
Connector Type	FH202FB



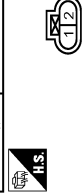
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	B/W	-

Connector No.	E30
Connector Name	HOOD SWITCH
Connector Type	FR02FB



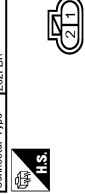
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	LG	-

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	EQ2FOY-RS



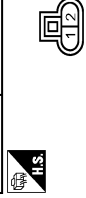
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	BR	-

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



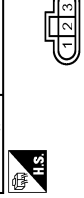
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-

Connector No.	E38
Connector Name	CRASH ZONE SENSOR
Connector Type	HR02FY-TV-EX-LC



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

Connector No.	E37
Connector Name	COOLING FAN CONTROL MODULE
Connector Type	SJZ0FCY-SNZ2



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

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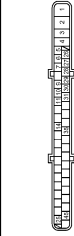
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E41
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BAA4ZF-BH24-LH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND
2	L	UBMR
3	R	UBVR
4	B	GND
5	Y	DS FL
6	BG	DP RL
7	BR	DP RR
8	B	DP FR
9	B	DP FL
10	W	DS FR
11	V	DIAG-K
14	P	CAN-L
25	Y	BUS-L
26	LG	DS RL
27	GR	DS LL
28	G	UZ
29	P	DS RR
30	SB	BLS
31	R	VDC OFF SW
35	L	CAN-H
46	B	BUS-H

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS9EFGY



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

Terminal No.	4	L	-
Terminal No.	5	LG	-

Connector No.	E47
Connector Name	BRAKE FLUID LEVEL SWITCH
Connector Type	YV02FGY



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

Connector No.	E48
Connector Name	BRAKE BOOSTER PRESSURE SENSOR
Connector Type	RH03FB



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

Connector No.	E51
Connector Name	JCG BRAKE HOLD RELAY
Connector Type	MS02FL-AMZ-LC



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

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



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

Connector No.	E53
Connector Name	DAYTIME RUNNING LIGHT RELAY
Connector Type	MS02FL-AMZ-LC



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

Connector No.	E57
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	RK03FBR



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

Connector No.	E58
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS08FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	B/W	-
5	P	-
8	GR	-
7	LG	-
8	BG	-

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E63
Connector Name	FRONT FOG LAMP LH
Connector Type	FH202FB



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

Connector No.	E60
Connector Name	FRONT WHEEL SENSOR LH
Connector Type	AAZ02FB1



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

Connector No.	E61
Connector Name	HORN (HIGH)
Connector Type	FR1EB-A



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

Connector No.	E62
Connector Name	HORN (HIGH)
Connector Type	FR1EB-A



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

Connector No.	E67
Connector Name	IOC SENSOR INTEGRATED UNIT
Connector Type	RS30FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	IGNITION
2	V	BRAKE HOLD RLY DRIVE SIGNAL
3	L	CAN-H
4	B	GND
6	P	CAN-L

Connector No.	E69
Connector Name	HORN (LOW)
Connector Type	FR1EB-A



Terminal No.	Color of Wire	Signal Name [Specification]

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



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

Connector No.	E75
Connector Name	EXHAUST GAS / OUTSIDE DOOR DETECTING SENSOR
Connector Type	RH03FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	POWER
2	B	GND
3	LG	EXHAUST GAS / OUTSIDE DOOR DETECTING SENSOR SIGNAL

Connector No.	E76
Connector Name	AMBIENT SENSOR
Connector Type	RS30FB



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



Connector No.	E77
Connector Name	REFRIGERANT PRESSURE SENSOR
Connector Type	RK03FB

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



Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LG1FY-MC

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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

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



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

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	L	-
9F	R	-

Connector No.	E108
Connector Name	WIRE TO WIRE
Connector Type	T180FW-CS18-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
3	BG	-
5	G	-
6	BG	-
7	V	-
7	LG	- [With daytime running light]
9	L	- [Without daytime running light]
9	R	- [With daytime running light]
9	R	- [Without daytime running light]
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	V	-
18	BG	-
19	GR	-
20	LG	-
30	R	-
31	L	-
32	BG	-
36	W	-
37	Y	-
38	R	-
39	B	-
40	G	-
41	W	-
42	LG	-
43	SB	-
44	GR	-
45	BG	-
46	LG	-
47	V	-
48	P	-
49	L	-
50	B	-
66	LG	-
67	SB	-
68	R	-
69	W	-
70	C	-
80	W	-
81	B	-
82	C	-
83	V	-
84	L	-
85	BG	-
86	LG	-
87	Y	-

88	GR	-
89	W	-
91	G	-
93	GR	-
95	Y	-
96	Y	-
97	BR	-
98	SHIELD	-
99	L	-
100	P	-

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



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

Connector No.	E108
Connector Name	ASCD CLUTCH SWITCH
Connector Type	S02FL



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

Connector No.	E109
Connector Name	ASCD BRAKE SWITCH
Connector Type	S02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [With A.T]
1	R	- [With M.T]
2	V	-

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



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E111
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	IS2FL



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

Connector No.	E112
Connector Name	ACCELERATOR PEDAL POSITION SENSOR
Connector Type	RH0FB



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

Connector No.	E114
Connector Name	ICC BRAKE SWITCH
Connector Type	IS2FL



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

Connector No.	E116
Connector Name	BRAKE PEDAL STROKE SENSOR
Connector Type	HS0HF



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	S1
2	R	VCC
3	G	SZ
4	B	GND

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	M8BMW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	GR	-
4	P	-
5	BR	-
6	BG	-

Connector No.	E118
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

Connector No.	E119
Connector Name	STOP LAMP SWITCH
Connector Type	M04FW-LC



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

Connector No.	E201
Connector Name	FUSIBLE LINK HOLDER
Connector Type	-



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

Connector No.	E202
Connector Name	FUSIBLE LINK HOLDER
Connector Type	-



Terminal No.	Color of Wire	Signal Name [Specification]
6	B/GY	-

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	-



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/GY	B

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	-



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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ENGINE ROOM HARNESS

Connector No.	E301
Connector Name	COOLING FAN CONTROL MODULE
Connector Type	61188-0259



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

Connector No.	E302
Connector Name	COOLING FAN CONTROL MODULE
Connector Type	61188-0259



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

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

F Engine Control Harness

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ENGINE CONTROL HARNESS			
Connector No.	F1		
Connector Name	WIRE TO WIRE		
Connector Type	ISAARFB-RSP-SH22		
1	L/Y		
2	SHIELD		
3	L/B		
4	SHIELD		
5	BR		
7	G		
8	W		
9	W		
10	G		
11	R		
12	P		
13	L		
14	LG		
15	R		
16	Y		
16	O		
17	W		
18	LG		
19	P		
19	SB		
20	O		
21	BR		
22	G		
23	Y		
24	LG		
25	V		
27	GR		
28	BR		
28	L		
30	F		
31	P		
32	W		
34	O		
34	BR		
37	SHIELD		
38	V		
38	Y		
40	G		

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

Terminal No.	Color of Wire	Signal Name [Specification]
41	B	
42	GR	
43	R	
45	O	
46	SHIELD	
47	W/L	
48	LG	
49	O/L	
50	L/Y	
51	W	
52	L/G	

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	P	
2	BR	
3	O	
3	L	

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

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

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

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

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	
2	P	
2	BR	
3	O	
3	L	

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

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

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F8
Connector Name	WIRE TO WIRE
Connector Type	RS04FL-B



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

Connector No.	F10
Connector Name	WIRE TO WIRE
Connector Type	RH08FB



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

Connector No.	F11
Connector Name	IGNITION COIL No. 1 (WITH POWER TRANSISTOR)
Connector Type	EG03FY-RS



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

Connector No.	F12
Connector Name	IGNITION COIL No. 2 (WITH POWER TRANSISTOR)
Connector Type	EG03FY-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	EG03FY-RS



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



Connector No.	F14
Connector Name	IGNITION COIL No. 4 (WITH POWER TRANSISTOR)
Connector Type	EG03FY-RS



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

Connector No.	F15
Connector Name	IGNITION COIL No. 5 (WITH POWER TRANSISTOR)
Connector Type	EG03FY-RS



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

Connector No.	F16
Connector Name	IGNITION COIL No. 6 (WITH POWER TRANSISTOR)
Connector Type	EG03FY-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	EG03FY-RS



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F13
Color of Wire	(WASHNET POSITION SENSOR PHASE) (BANK 2)
Connector Name	
Connector Type	RH03FB



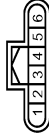
Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	L	-

Connector No.	F20
Color of Wire	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2)
Connector Name	
Connector Type	RH04MDGY-BR



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	V	-
3	W	- [2WD model]
4	SB	- [4WD model]
4	Y	- [2WD model]
4	O	- [4WD model]

Connector No.	F27
Color of Wire	ELECTRIC THROTTLE CONTROL ACTUATOR (BANK 2)
Connector Name	
Connector Type	RH06FB



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

Connector No.	F28
Color of Wire	INTAKE VALVE TRIMMING CONTROL SOLENOID VALVE (BANK 1)
Connector Name	
Connector Type	EG02FG-RS-LGY



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

Connector No.	F29
Color of Wire	INTAKE VALVE TRIMMING CONTROL SOLENOID VALVE (BANK 2)
Connector Name	
Connector Type	EG02FG-RS-LGY



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



Connector No.	F31
Color of Wire	MASS AIR FLOW SENSOR (BANK 1)
Connector Name	
Connector Type	RH06FB



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

Connector No.	F35
Color of Wire	POWER STEERING PRESSURE SENSOR
Connector Name	
Connector Type	RH03FB



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

Connector No.	F38
Color of Wire	ALTERNATOR
Connector Name	
Connector Type	HS03FB



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	L
3	V	S
4	W	C

Connector No.	F37
Color of Wire	OIL PRESSURE SWITCH
Connector Name	
Connector Type	EG1FGY-RS-AR



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F33
Connector Name	ENGINE OIL TEMPERATURE SENSOR
Connector Type	EQ2FDY-HS



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

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH0EFB



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

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS0TFB



Terminal No.	Color of Wire	Signal Name [Specification]

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

Connector No.	F45
Connector Name	POWER STEERING SOLENOID VALVE
Connector Type	RS0ZFBR-DGY



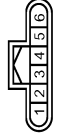
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-

Connector No.	F46
Connector Name	VEHICLE CONTROL SHIFTER POSITION SENSOR (BANK 1)
Connector Type	RH0EFB



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

Connector No.	F47
Connector Name	VEHICLE CONTROL SHIFTER POSITION SENSOR (BANK 2)
Connector Type	RH0EFB



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

Connector No.	F48
Connector Name	VEHICLE ACTUATOR MOTOR (BANK 1)
Connector Type	XQ2FB



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

Connector No.	F49
Connector Name	VEHICLE ACTUATOR MOTOR (BANK 2)
Connector Type	XQ2FB



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

Connector No.	F50
Connector Name	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
Connector Type	RH0EFB



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK0DFG-DGY



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

Connector No.	F52
Connector Name	STARTER MOTOR
Connector Type	X01MGY



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

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	AFZ04FB



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

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	AFZ04FB



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

Connector No.	F55
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	RK0ZFB



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

Connector No.	F56
Connector Name	BACK-UP LAMP SWITCH
Connector Type	RK0ZFB



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

Connector No.	F57
Connector Name	AMD SOLENOID
Connector Type	RK08FB



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

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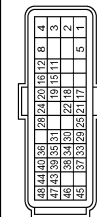
CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

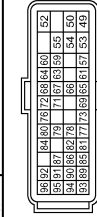
ENGINE CONTROL HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	A/F SEN 1 HEATER (B1)
2	G	THROTTLE CONTROL MOTOR (OPEN) (B1)
3	R	THROTTLE CONTROL MOTOR POWER SUPPLY (B1)
4	BR	THROTTLE CONTROL MOTOR (CLOSE) (B1)
5	W	A/F SEN 1 HEATER (B2) [AMD models]
5	SB	A/F SEN 1 HEATER (B2) [AMD models]
8	BR	ECM GROUND
11	GR	IGNITION SIGNAL No. 4
12	L	IGNITION SIGNAL No. 3
15	V	IGNITION SIGNAL No. 5
16	G	IGNITION SIGNAL No. 2
17	P	HEATED OXYGEN SENSOR 2 HEATER (B1)
18	W	IVT CONTROL SOLENOID VALVE (B1)
19	SB	IGNITION SIGNAL No. 6
20	Y	IGNITION SIGNAL No. 1
21	GR	EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE
22	R	FUEL PUMP RELAY
24	P	ECM RELAY (SELF SHUT-OFF)
25	O	THROTTLE CONTROL MOTOR RELAY [AMD models]
25	BR	THROTTLE CONTROL MOTOR RELAY [AMD models]
28	BR	VVEL CONTROL MODULE
29	G	IVT CONTROL SOLENOID VALVE (B2)
30	Y	TPS 1 (B1)
31	R	TPS 1 (B2)
33	SB	HEATED OXYGEN SENSOR 2 HEATER (B2)
34	B	TPS 2 (B1)
35	W	TPS 2 (B2)
36	O	SENSOR GROUND
37	W	MAP SENSOR
38	O	PGS SENSOR
38	P	BRAKE BOOST PRESS SENSOR [AMD models]
38	SB	BRAKE BOOST PRESS SENSOR [AMD models]
40	R	SENSOR GROUND
44	G	SENSOR POWER SUPPLY
44	L	SENSOR POWER SUPPLY
46	LG	SENSOR POWER SUPPLY
46	R	SENSOR POWER SUPPLY
47	Y	SENSOR GROUND

48	B	SENSOR GROUND
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Terminal No.	Color of Wire	Signal Name [Specification]
48	GR	THROTTLE CONTROL MOTOR (CLOSE) (B2)
50	V	THROTTLE CONTROL MOTOR (OPEN) (B2)
52	R	THROTTLE CONTROL MOTOR POWER SUPPLY (B2)
53	W	IGNITION SWITCH
54	Y	CAN COMMUNICATION LINE (VVEL CONTROL MODULE)
55	LG	CAN COMMUNICATION LINE (VVEL CONTROL MODULE)
57	L	A/F SENSOR 1 (B1)
59	O	PHASE SENSOR (B1) [AMD models]
59	L	PHASE SENSOR (B1) [AMD models]
60	G	SENSOR POWER SUPPLY
61	R	A/F SENSOR 1 (B1)
63	L	PHASE SENSOR (B2)
64	SB	SENSOR POWER SUPPLY
66	LG	A/F SENSOR 1 (B2)
66	V	A/F SENSOR 1 (B2)
67	P	IAT SENSOR
68	LG	SENSOR GROUND
69	W	KNOCK SENSOR (B2)
71	Y	ECT SENSOR
72	SHIELD	SENSOR GROUND
73	W	KNOCK SENSOR (B1)
76	W	HEATED OXYGEN SENSOR 2 (B1)
77	SB	MAF SENSOR (B1)
78	G	ECT SENSOR
78	BR	MAF SENSOR (B2)
80	O	HEATED OXYGEN SENSOR 2 (B2)
81	R	FUEL INJECTOR No. 3
82	V	FUEL INJECTOR No. 9
84	B	SENSOR GROUND
85	BR	FUEL INJECTOR No. 2
86	W	FUEL INJECTOR No. 3
87	L	PSP SENSOR
88	GR	FUEL INJECTOR No. 1
90	O	FUEL INJECTOR No. 4
91	SB	BATTERY CURRENT SENSOR

92	G	SENSOR GROUND
93	P	POWER SUPPLY FOR ECM
94	Y	SENSOR GROUND
95	G	SENSOR GROUND [AMD models]
96	P	SENSOR GROUND [AMD models]
96	BR	SENSOR GROUND [AMD models]

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK38FW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
9	Y	-
10	GR	-
19	O	-
20	Y	-
29	B	-
29	LG	-
30	R	-
31	R	-
33	B	-
34	B	-
35	L	-
36	P	-
37	Y	-
38	G	-
41	O	-
42	BR	-
44	L	-
45	C	-
46	V	-

Connector No.	F104
Connector Name	WIRE TO WIRE
Connector Type	TH88FV-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	- [AMD models]
1	Y	- [AMD models]
2	V	- [AMD models]
2	W	- [AMD models]
3	L	- [AMD models]
3	R	- [AMD models]
4	Y	- [AMD models]
4	GR	- [AMD models]
6	V	- [AMD models]
6	GR	- [AMD models]
7	R	- [AMD models]
7	O	- [AMD models]
8	O	- [AMD models]
8	BR	- [AMD models]

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

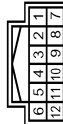
ENGINE CONTROL HARNESS

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	- [2WD models]
2	V	- [4WD models]
3	R	- [4WD models]
4	Y	- [4WD models]
5	GR	- [4WD models]
6	V	- [4WD models]
7	R	- [4WD models]
8	O	- [4WD models]

Connector No.	F106
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	- [2WD models]
2	GR	- [4WD models]
3	UR	- [4WD models]
4	R	- [4WD models]
5	V	- [4WD models]
6	Y	- [4WD models]
7	O	- [4WD models]
8	P	- [4WD models]

5	Y	- [2WD models]
6	GR	- [4WD models]
7	BR	- [4WD models]
8	BR	- [4WD models]
9	O	- [4WD models]
10	V	- [4WD models]
11	SB	- [4WD models]
12	SB	- [4WD models]

Connector No.	F107
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	- [2WD models]
2	GR	- [4WD models]
3	R	- [4WD models]
4	W	- [4WD models]
5	P	- [4WD models]
6	GR	- [4WD models]
7	BR	- [4WD models]
8	BR	- [4WD models]
9	O	- [4WD models]
10	V	- [4WD models]
11	SB	- [4WD models]
12	SB	- [4WD models]

Connector No.	F108
Connector Name	4WD CONTROL UNIT
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	4WD SOL (+)
2	Y	4WD SOL (-)
3	W	OIL TEMP (-)
4	G	IGN
5	L	CAN-H
6	O	4WD SOL BAT
7	B	GND
8	B	GND
9	LG	OIL TEMP (+)
10	Y	BATTERY
11	P	CAN-L

Connector No.	F120
Connector Name	WIRE TO WIRE
Connector Type	RH09MB



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

Connector No.	F121
Connector Name	FUEL INJECTOR No. 1
Connector Type	HS02FGY



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

Connector No.	F122
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS02FGY



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

Connector No.	F123
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS02FGY



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

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F124
Connector Name	FUEL INJECTOR No. 4
Connector Type	HSZDFGY



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

Connector No.	F125
Connector Name	FUEL INJECTOR No. 5
Connector Type	HSZDFGY



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

Connector No.	F126
Connector Name	FUEL INJECTOR No. 6
Connector Type	HSZDFGY



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

Connector No.	F157
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP10FG



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

Connector No.	F161
Connector Name	TRANSMISSION RANGE SWITCH
Connector Type	A03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	GRD
2	-	VOUT
3	-	VCC

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	EQ2FG-RS-LGY



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

Connector No.	F203
Connector Name	KNOCK SENSOR (BANK 1)
Connector Type	EQ2FG-RS-LGY



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

1	W
2	SHIELD

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

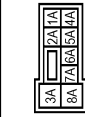
< DTC/CIRCUIT DIAGNOSIS >

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MAIN HARNESS

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



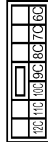
Terminal No.	Color of Wire	Signal Name [Specification]
1A	V	-
2A	G	-
3A	L	-
4A	P	-
5A	L	-
6A	Y	-
7A	R	-
8A	L	-

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



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

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



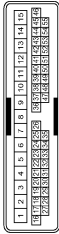
Terminal No.	Color of Wire	Signal Name [Specification]
6C	SB	-
7C	B	-
8C	W	-
9C	BG	-
10C	L	-
11C	LG	-
12C	G	-

Connector No.	M4
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-NH



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

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CSIS



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	B	-
3	BG	-
4	V	-
6	SB	-
9	G	-
10	V	-
12	L	-
13	W	-
14	B	-
15	W	-
16	R	-
17	BR	-
18	V	-
19	BG	-
20	P	-
21	W	-
25	Y	-
26	G	-
27	L	-
28	Y	-
29	G	-
30	SB	-
31	LG	-
32	W	-
33	B	-
36	W	-
37	GR	-
38	Y	-
39	B	-
42	Y	-
43	L	-
44	G	- [With automatic drive position]
44	L	- [Without automatic drive position]
47	L	-
48	GR	-
49	SB	-
50	P	-

51	LG	-
52	V	-

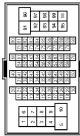
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

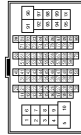
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
3	R	-
5	G	-
6	LG	-
7	W	-
9	G	-
10	W	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	BR	-
18	P	-
19	L	-
20	L	-
30	BR	-
31	L	-
32	Y	-
36	R	-
37	Y	-
38	R	-
39	SB	-
40	G	-
42	LG	-
43	P	-
44	B	- [With A/T] - [With M/T]
45	EG	-
46	G	-
48	L	-
49	B	-
50	Y	-
56	R	-

69	W	-
70	G	-
80	SB	-
81	B	-
82	V	-
83	W	-
84	L	-
85	GR	-
86	G	-
87	R	-
88	B	-
89	LG	-
91	W	-
93	Y	-
95	Y	-
96	R	-
97	GR	-
98	SHIELD	-
99	V	-
100	SB	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	P	-
3	SB	- [With automatic drive positioner] - [Without automatic drive positioner]
4	P	-
6	L	-
15	R	-
16	BR	-
17	P	-
18	Y	-
20	P	-
21	P	-
22	L	-
23	P	-
24	V	-
25	LG	-

26	BR	-
27	BG	-
28	LG	-
31	V	-
32	LG	-
33	SHIELD	-
34	GR	-
35	BR	-
36	Y	-
37	SHIELD	-
38	SB	-
39	LG	-
40	O	-
41	W	-
42	SHIELD	-
43	R	-
44	G	-
45	SHIELD	-
46	SB	-
49	L	-
50	P	-
55	W	-
56	B	-
58	V	-
59	Y	-
60	Y	-
61	W	-
62	R	-
63	G	-
64	B	-
65	SHIELD	-
71	V	-
72	P	-
73	SB	-
74	V	-
81	W	-
84	LG	-
85	BG	-
86	SB	-
87	G	-
88	GR	-
90	P	-
91	EG	-
95	EG	-
96	P	-
100	P	-

Connector No.	M8
Connector Name	RESISTOR
Connector Type	M02FBR-LC



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

Connector No.	M9
Connector Name	DIODE
Connector Type	2433Z-C8000



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

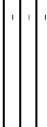
MAIN HARNESS

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TR06FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	BAT
2	GR	CLOCK
3	W	DATA
5	Y	ILL BAT
6	LG	ILL
7	B	GND
11	SB	KEY SWITCH SIGNAL

Terminal No.	1	R	
2	B		
3	SB		
4	B		



Connector No.	M24
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW-P

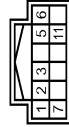


Connector No.	M20
Connector Name	TRUNK LID OPENER SWITCH
Connector Type	TR04FEW



Terminal No.	1	GR	
2	B		
3	LG		
4	R		

Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TR12FW-RH



Terminal No.	3	BR	
4	R		
5	L		
6	LG		
7	B		
12	Y		
13	SB		
14	R		
15	G		
16	W		

Terminal No.	1	GR	
2	SB		
5	L		
6	B		
7	BG		
8	BR		
9	W		
10	R		
11	LG		
12	P		
13	Y		
14	G		



Terminal No.	1	GR	
2	SB		
5	L		
6	B		
7	BG		
8	BR		
9	W		
10	R		
11	LG		
12	P		
13	Y		
14	G		

Terminal No.	1	B	
2	GR		
3	G		
4	Y		
5	BR		

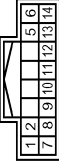


Connector No.	M32
Connector Name	PADDLE SHIFTER (SHIFT-DOWN)
Connector Type	A03FEW



Terminal No.	23	R	
28	Y		
28	Y		
30	Y		

Connector No.	M33
Connector Name	COMBINATION SWITCH
Connector Type	TR18FW-RH



Terminal No.	1	GR	
2	SB		
5	L		
6	B		
7	BG		
8	BR		
9	W		
10	R		
11	LG		
12	P		
13	Y		
14	G		

Terminal No.	1	B	
2	GR		
3	G		
4	Y		
5	BR		



Terminal No.	1	B	
2	GR		
3	G		
4	Y		
5	BR		



Terminal No.	23	R	
28	Y		
28	Y		
30	Y		

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M36
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TH08FY-IV



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

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.	M39
Connector Name	PADDLE SHIFTER (SHIFT-UP)
Connector Type	IA04FW



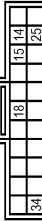
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	BG	-

Connector No.	M41
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	SMA02FY



Terminal No.	Color of Wire	Signal Name [Specification]
11	R	F-MTR PWR SUPPLY
12	B	F-MTR GND

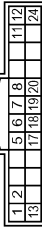
Connector No.	M42
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	TR22FW



Terminal No.	Color of Wire	Signal Name [Specification]
13	R	BUS-L
14	R	BUS-L
15	LG	IGN

18	B	GND
25	BR	BUS-H
34	B	GND

Connector No.	M44
Connector Name	SONAR CONTROL UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	SB	CANCEL SW SIGNAL
5	W	CORNER SENSOR SIGNAL REAR LH
6	Y	CORNER SENSOR SIGNAL REAR RH
7	G	CENTER SENSOR SIGNAL REAR LH
8	R	CENTER SENSOR SIGNAL REAR RH
11	B	CANCEL SW INDICATOR
12	B	SENSOR GND
13	GR	ACC
17	BG	R RANGE SIGNAL
18	V	K LINE
19	SB	AV COMM (H)
20	LG	AV COMM (L)
24	B	GND

Connector No.	M46
Connector Name	SUNLOAD SENSOR
Connector Type	K02EB



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

Connector No.	M48
Connector Name	TILT & TELESCOPIC SENSOR
Connector Type	TR04FW



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

Connector No.	M49
Connector Name	TILT & TELESCOPIC MOTOR
Connector Type	NSM4FW-CS



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

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M60
Connector Name	PUSH-BUTTON IGNITION SWITCH
Connector Type	TH08FBR



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

Connector No.	M61
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	TH32FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	TILT SW (UPWARD)
2	LG	MIRROR SELECT SW (RH)
3	G	MIRROR SW (UPWARD)
4	Y	MIRROR SW (LEFTWARD)
5	R	MIRROR SENSOR (RH VERTICAL)
6	GR	MIRROR SENSOR (LH VERTICAL)
7	BG	TILT SENSOR
8	BR	ADDRESS 1
9	W	TY (UART)
10	V	TELESCOPIC SW (FRONTWARD)
11	GR	TELESCOPIC SW (REARWARD)
12	BG	IND 2
13	W	IND 3
14	W	MIRROR MOTOR (RH VERTICAL)
15	BG	MIRROR MOTOR (RH HORIZONTAL)

16	Y	MIRROR MOTOR (LH COMMON)
17	BR	TILT SW (DOWNWARD)
18	W	MIRROR SELECT SW (LH)
19	SB	MIRROR SW (DOWNWARD)
20	L	MIRROR SW (RIGHTWARD)
21	L	MIRROR SENSOR (RH HORIZONTAL)
22	B	MIRROR SENSOR (LH HORIZONTAL)
23	P	TELESCOPIC SENSOR
24	R	SET SW
25	V	ADDRESS 2
26	P	RX (UART)
27	G	TELESCOPIC SW (BACKWARD)
30	SB	MIRROR MOTOR (RH COMMON)
31	G	MIRROR MOTOR (LH VERTICAL)
32	L	MIRROR MOTOR (LH HORIZONTAL)

Connector No.	M62
Connector Name	AUTOMATIC DRIVE POSITIONER CONTROL UNIT
Connector Type	NS16FW-CS



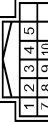
Terminal No.	Color of Wire	Signal Name [Specification]
33	W	POWER SUPPLY (SENSOR)
34	V	BAT (FUSE)
35	L	TILT MOTOR (UPWARD)
36	GR	TELESCOPIC MOTOR (FORWARD)
39	W	BAT (C/B)
40	B	GND (SENSOR)
41	Y	GND (SENSOR)
42	BG	TILT MOTOR (DOWNWARD)
44	G	TELESCOPIC MOTOR (BACKWARD)
48	B	GND (POWER)

Connector No.	M63
Connector Name	COMBINATION METER
Connector Type	ISAB0FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	LG	COMMUNICATION SIGNAL (METER->AMP.)
3	GR	COMMUNICATION SIGNAL (AMP->METER)
5	B	GROUND
6	W	ALTERNATOR SIGNAL
7	LG	AIR BAG SIGNAL
10	W	SECURITY SIGNAL
15	B	GROUND
16	BR	METER CONTROL SWITCH GROUND
18	GR	ILL GND
19	B	ILL
20	R	ILL
21	G	IGNITION SIGNAL
22	B	GROUND
24	BR	COMMUNICATION SIGNAL (LCD->AMP.)
25	Y	COMMUNICATION SIGNAL (AMP->LCD)
26	R	VEHICLE SPEED SIGNAL (P-PULSE)
27	P	PARKING BRAKE SWITCH SIGNAL
28	SB	BRAKE FLUID LEVEL SWITCH
29	P	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
30	G	SEAT BELT BUCKLE SWITCH SIGNAL (PASSENGER SIDE)
31	L	WASHER LEVEL SWITCH SIGNAL
33	R	ILLUMINATION CONTROL SIGNAL
36	LG	SELECT SWITCH SIGNAL
37	Y	ENTER SWITCH SIGNAL
38	G	TRIP A/B RESET SWITCH SIGNAL
39	P	ILLUMINATION CONTROL SWITCH SIGNAL (-)
40	BG	ILLUMINATION CONTROL SWITCH SIGNAL (+)

Connector No.	M64
Connector Name	METER CONTROL SWITCH
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	LG	-
3	B	-
4	R	-
5	G	-
7	BR	-
8	GR	-
9	BG	-
10	P	-

Connector No.	M60
Connector Name	CIRCUIT BREAKER
Connector Type	MO2FW-LC



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

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M61
Connector Name	IN-VEHICLE SENSOR
Connector Type	A02FW



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

Connector No.	M62
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-LC



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

Connector No.	M63
Connector Name	CENTER SPEAKER
Connector Type	T02FBR



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

Connector No.	M66
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	T140FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
4	G	STOP LAMP SWITCH SIGNAL
5	L	MANUAL MODE SHIFT UP SIGNAL
6	BG	PADDLE SHIFTER UP SIGNAL
7	GR	COMMUNICATION SIGNAL (AMP->METER)
8	L	VEHICLE SPEED SIGNAL (P-PULSE)
9	SB	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
10	W	MANUAL MODE SIGNAL
11	G	NON-MANUAL MODE SIGNAL
14	BR	COMMUNICATION SIGNAL (LCD->AMP.)
20	BR	ION ON / OFF SIGNAL
23	Y	A/T SNOW SWITCH SIGNAL
25	V	MANUAL MODE SHIFT DOWN SIGNAL
26	G	PADDLE SHIFTER DOWN SIGNAL
27	LG	COMMUNICATION SIGNAL (METER->AMP.)
28	R	VEHICLE SPEED SIGNAL (P-PULSE)
30	V	PARKING BRAKE SWITCH SIGNAL
34	Y	COMMUNICATION SIGNAL (AMP->LCD)
38	P	BLOWER MOTOR CONTROL SIGNAL

Connector No.	M67
Connector Name	UNIFIED METER AND A/C AMP.
Connector Type	T1432FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
41	L	A/C POWER SUPPLY
42	BR	FUEL LEVEL SENSOR SIGNAL
43	BR	INTAKE SENSOR SIGNAL

44	LG	IN-VEHICLE SENSOR SIGNAL
45	V	AMBIENT SENSOR SIGNAL
46	Y	SUNLOAD SENSOR SIGNAL
47	G	EMERGENCY ASSIST (AIR-DRIVE) ELECTRIC SENSOR SIGNAL
53	W	IGNITION POWER SUPPLY
54	SB	BATTERY POWER SUPPLY
55	B	GROUND
56	L	CAN-H
57	LG	BRAKE FLUID LEVEL SWITCH SIGNAL
58	Y	FUEL LEVEL SENSOR SIGNAL
59	GR	INTAKE SENSOR GROUND
60	W	IN-VEHICLE SENSOR GROUND
61	B	AMBIENT SENSOR GROUND
62	SB	SUNLOAD SENSOR GROUND
63	L	ION CONTROL MODE OUTPUT SIGNAL
65	BG	ECV SIGNAL
69	P	A/C LAN SIGNAL
70	R	EACH DOOR MOTOR POWER SUPPLY
71	GR	GROUND
72	P	CAN-L

Connector No.	M69
Connector Name	BACK-UP LAMP RELAY
Connector Type	M502FL-MZ-LC



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

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	M502FL-MZ-LC



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M71
Connector Name	DISPLAY UNIT
Connector Type	TH2FEW-NH



Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Color of Wire	B	Y	EG	Y	SHIELD	L	R	B	P	LG	BR	G	W	L	R	P	LG	BR	G	W	L	R	P
Signal Name [Specification]	GND	INVERTER VCC	SIGNAL VCC	COMPOSITE IMAGE GND	SHIELD [With rear view monitor]	RBE (GREEN) SIGNAL	SHIELD	HP	RBE AREA (YS) SIGNAL	COMM (CONT->DISP) [With rear view monitor]	INVERTER GND	SIGNAL GND	COMPOSITE IMAGE SIGNAL	COMP SYNC	RGB (RED) SIGNAL	RGB (BLUE) SIGNAL	RGB SYNC	VP	SHIELD	COAM (DISP->CONT)	SHIELD [With rear view monitor]	SHIELD [Without rear view monitor]	SHIELD [Without rear view monitor]

Connector No.	M75
Connector Name	DISPLAY UNIT
Connector Type	TH2FEW-NH



Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Color of Wire	B	Y	EG	Y	SHIELD	L	R	B	P	LG	BR	G	W	L	R	P	LG	BR	G	W	L	R	P	
Signal Name [Specification]	GND	ACC	ILL	ILL CONT	AV COMM (R)	AV COMM (L)	SW GND	DISK EJECT SIGNAL	HAZARD ON	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD	SHIELD

Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Color of Wire	B	P	EG	B	SB	LG	BR	V	G							
Signal Name [Specification]	GND	ACC	ILL	ILL CONT	AV COMM (R)	AV COMM (L)	SW GND	DISK EJECT SIGNAL	HAZARD ON							

Connector No.	M71
Connector Name	DISPLAY UNIT
Connector Type	TH2FEW-NH



Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Color of Wire	B	Y	EG	Y	SHIELD	L	R	B	P	LG	BR	G	W	L	R	P	LG	BR	G	W	L	R	P
Signal Name [Specification]	GND	INVERTER VCC	SIGNAL VCC	COMPOSITE IMAGE GND	SHIELD [With rear view monitor]	RBE (GREEN) SIGNAL	SHIELD	HP	RBE AREA (YS) SIGNAL	COMM (CONT->DISP) [With rear view monitor]	INVERTER GND	SIGNAL GND	COMPOSITE IMAGE SIGNAL	COMP SYNC	RGB (RED) SIGNAL	RGB (BLUE) SIGNAL	RGB SYNC	VP	SHIELD	COAM (DISP->CONT)	SHIELD [With rear view monitor]	SHIELD [Without rear view monitor]	SHIELD [Without rear view monitor]

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	B	L	W	LG	SB	P	V	B	L	BR	R	L	P	B	L	Y	B	L	Y	B
Signal Name [Specification]	GND	SOUND SIGNAL FRONT LH (+)	SOUND SIGNAL FRONT LH (-)	SOUND SIGNAL REAR LH (+)	SOUND SIGNAL REAR LH (-)	STRG SW A	ACC	GND	ILLUMINATION	SOUND SIGNAL FRONT RH (+)	SOUND SIGNAL FRONT RH (-)	SOUND SIGNAL REAR RH (+)	SOUND SIGNAL REAR RH (-)	STRG SW B	STRG SW GND	BATTERY	GND			

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

Connector No.	M73
Connector Name	FRONT PASSENGER AIR BAG OFF INDICATOR
Connector Type	TH04MW-NH



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

Connector No.	M74
Connector Name	CLOCK
Connector Type	TH04FEW-NH



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

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

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH16FEW-NH



Terminal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Color of Wire	B	L	L	B	L	B	Y									
Signal Name [Specification]	ILLUMINATION (-)	ILLUMINATION (-)	ILLUMINATION (+)	GND	BAT											

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M82	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	A12FW		
Terminal No.	21 22 23 24 25 26 27 28 29 30	Color of Wire	Signal Name [Specification]
		W	SATELLITE SOUND SIGNAL LH (-)
		B	SATELLITE SOUND SIGNAL LH (+)
		R	SATELLITE SOUND SIGNAL RH (-)
		G	SATELLITE SOUND SIGNAL RH (+)
		SHIELD	SHIELD
		P	REQUEST (SAT->CONT)
		G	COMM (SAT->CONT)
		L	COMM (CONT->SAT)
Connector No.	M83	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	TH42FW-NH		
Terminal No.	47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	Color of Wire	Signal Name [Specification]
		BR	COMPOSITE IMAGE SIGNAL
		Y	COMPOSITE IMAGE GND
		P	RGB (BLUE) SIGNAL
		L	RGB (GREEN) SIGNAL
		C	RGB (RED) SIGNAL
		W	RGB SYNC
		SHIELD	SHIELD
		B	RGB AREA (TS) SIGNAL
		R	COMM (DSP->CONT)
		R	HP
		LG	SIGNAL GND
		BG	SIGNAL VCC
		BR	COMP SYNC
Connector No.	M84	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	A12FW		
Terminal No.	21 22 23 24 25 26 27 28 29 30	Color of Wire	Signal Name [Specification]
		W	SATELLITE SOUND SIGNAL LH (-)
		B	SATELLITE SOUND SIGNAL LH (+)
		R	SATELLITE SOUND SIGNAL RH (-)
		G	SATELLITE SOUND SIGNAL RH (+)
		SHIELD	SHIELD
		P	REQUEST (SAT->CONT)
		G	COMM (SAT->CONT)
		L	COMM (CONT->SAT)
Connector No.	M85	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	TH42FW-NH		
Terminal No.	47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	Color of Wire	Signal Name [Specification]
		BR	COMPOSITE IMAGE SIGNAL
		Y	COMPOSITE IMAGE GND
		P	RGB (BLUE) SIGNAL
		L	RGB (GREEN) SIGNAL
		C	RGB (RED) SIGNAL
		W	RGB SYNC
		SHIELD	SHIELD
		B	RGB AREA (TS) SIGNAL
		R	COMM (DSP->CONT)
		R	HP
		LG	SIGNAL GND
		BG	SIGNAL VCC
		BR	COMP SYNC
Connector No.	M86	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	TH16FW-NH		
Terminal No.	66 67 68 69 70 71 72 73 74	Color of Wire	Signal Name [Specification]
		SHIELD	SHIELD
		G	AUX IMAGE SIGNAL
		R	AUX IMAGE GND
Connector No.	M87	Signal Name [Specification]	
Connector Name	AV CONTROL UNIT		
Connector Type	TH42FW-NH		
Terminal No.	47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1	Color of Wire	Signal Name [Specification]
		BR	COMPOSITE IMAGE SIGNAL
		Y	COMPOSITE IMAGE GND
		P	RGB (BLUE) SIGNAL
		L	RGB (GREEN) SIGNAL
		C	RGB (RED) SIGNAL
		W	RGB SYNC
		SHIELD	SHIELD
		B	RGB AREA (TS) SIGNAL
		R	COMM (DSP->CONT)
		R	HP
		LG	SIGNAL GND
		BG	SIGNAL VCC
		BR	COMP SYNC
Connector No.	M88	Signal Name [Specification]	
Connector Name	IONIZER		
Connector Type	TH04FW-NH		
Terminal No.	1 2 3 4	Color of Wire	Signal Name [Specification]
		Y	IGN
		L	IGN MODE
		B	GND
		BR	IGN ON / OFF
Connector No.	M89	Signal Name [Specification]	
Connector Name	IONIZER		
Connector Type	TH04FW-NH		
Terminal No.	1 2 3 4	Color of Wire	Signal Name [Specification]
		Y	IGN
		L	IGN MODE
		B	GND
		BR	IGN ON / OFF
Connector No.	M90	Signal Name [Specification]	
Connector Name	IONIZER		
Connector Type	TH04FW-NH		
Terminal No.	1 2 3 4	Color of Wire	Signal Name [Specification]
		Y	IGN
		L	IGN MODE
		B	GND
		BR	IGN ON / OFF
Connector No.	M91	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	A03MW-P		
Terminal No.	1 2 3	Color of Wire	Signal Name [Specification]
		Y	POWER
		BG	OUTPUT
		B	GND
Connector No.	M92	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	CP06FG		
Terminal No.	2 1 4 3 5 6 7	Color of Wire	Signal Name [Specification]
		W	--
		L	--
		C	--
		R	--
		SHIELD	--
Connector No.	M93	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	CP06FG		
Terminal No.	2 1 4 3 5 6 7	Color of Wire	Signal Name [Specification]
		W	--
		L	--
		C	--
		R	--
		SHIELD	--
Connector No.	M94	Signal Name [Specification]	
Connector Name	OPTICAL SENSOR		
Connector Type	TH03FW		
Terminal No.	1 2 3	Color of Wire	Signal Name [Specification]
		Y	POWER
		BG	OUTPUT
		B	GND
Connector No.	M95	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	CP06FG		
Terminal No.	2 1 4 3 5 6 7	Color of Wire	Signal Name [Specification]
		W	--
		L	--
		C	--
		R	--
		SHIELD	--
Connector No.	M96	Signal Name [Specification]	
Connector Name	WIRE TO WIRE		
Connector Type	CP06FG		
Terminal No.	2 1 4 3 5 6 7	Color of Wire	Signal Name [Specification]
		W	--
		L	--
		C	--
		R	--
		SHIELD	--

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M101
Connector Name	TIRE PRESSURE RECEIVER
Connector Type	TR04FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	GND
2	L	SIGNAL
4	V	BATTERY

Connector No.	M102
Connector Name	GLOVE BOX LAMP
Connector Type	A02FW



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

Connector No.	M104
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	JAB04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	GND

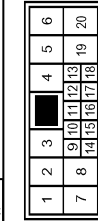
2	Y	SIGNAL OUTPUT
4	P	BATTERY

Connector No.	M105
Connector Name	TRUNK LID OPENER CANCEL SWITCH
Connector Type	IS02FW



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

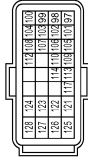
Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	L	-
3	SHIELD	-
4	G	-
5	BR	-
6	BG	-
7	Y	-
8	P	-
9	LG	-
10	V	-
11	B	-
12	R	-
13	B	-
14	R	-
15	C	-
16	C	-
17	SHIELD	-
18	B	-

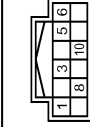
19	Y	-
20	R	-

Connector No.	M107
Connector Name	ECM
Connector Type	PH2NFV-R28-R-LH-Z



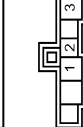
Terminal No.	Color of Wire	Signal Name [Specification]
97	R	APP SENSOR 1
98	P	APP SENSOR 2
99	L	SENSOR POWER SUPPLY
100	W	SENSOR GROUND
101	SB	ASCD/ICC STEERING SWITCH
102	LG	EVAP CONTROL SYSTEM PRESS SENSOR
103	GR	SENSOR POWER SUPPLY
104	V	SENSOR GROUND
105	L	REFRIGERANT PRESS SENSOR
106	W	FUEL TANK TEMP SENSOR
107	GR	SENSOR POWER SUPPLY
108	Y	SENSOR GROUND
109	G	PNP SIGNAL
110	R	ENGINE SPEED OUTPUT SIGNAL
112	V	SENSOR GROUND [2WD models]
113	P	GAIN COMMUNICATION LINE
114	L	GAIN COMMUNICATION LINE
121	LG	DATA LINK CONNECTOR
122	P	EVAP CHAISTER VENT CONTROL VALVE
123	B	STOP LAMP SWITCH
124	B	ECM GROUND
125	R	ECM GROUND
126	BR	POWER SUPPLY FOR ECM
127	BR	ASCD/ICC BRAKE SWITCH
127	B	ECM GROUND
128	B	ECM GROUND

Connector No.	M108
Connector Name	POWER STEERING CONTROL UNIT
Connector Type	TH12FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	SOL
3	G	VGM
5	B	SOL.GND
6	B	GND
8	SB	VSP
10	R	TACHO

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	NS03FW-M3



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

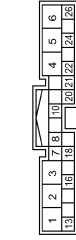
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M110
Connector Name	FIRE-CRASH SEAT BELT CONTROL UNIT
Connector Type	TH20FW-TB8



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	MOTOR (RH) (RELEASE)
2	W	4B
3	L	MOTOR (RH) (EASTEN)
4	BG	MOTOR (LH) (EASTEN)
5	W	GND (DRIVE)
6	Y	MOTOR (LH) (RELEASE)
7	G	INDICATOR
8	LG	BUCKLE SW RH
10	SB	BUCKLE SW LH
13	W	IGN
16	W	SENS OUTPUT 1
18	R	SENS POWER
20	G	SENS OUTPUT 2
21	B	SENS GND
22	P	CAN-L
24	L	CAN-H
26	B	GND (CONT)

Connector No.	M113
Connector Name	USB CONNECTOR
Connector Type	HA04FG



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

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TK3BMV-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	-
3	BG	-
4	P	-
5	B	-
9	R	-
10	R	-
19	BG	-
20	Y	-
28	B	-
29	LG	-
30	LG	-
31	W	-
34	B	-
35	L	-
36	P	-
37	R	-
38	SB	-
41	BG	-
42	G	-
43	P	-
44	L	-
45	Y	-
46	SB	-

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TK3BMV-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
5	P	-
6	G	-
7	SB	-
9	LG	-
10	L	-
30	B	-
31	SB	-
32	LG	-
33	SB	-
34	LG	-
40	Y	-
41	G	-
42	LG	-
43	R	-
45	G	-
46	SHIELD	-
47	P	-
48	L	-
49	SHIELD	-
50	V	-
59	R	-
71	R	-
72	L	-
80	W	-
81	SHIELD	-
82	P	-
83	L	-
84	G	-
85	SHIELD	-
86	W	-
87	B	-
88	R	-
89	G	-
90	Y	-
91	V	-
94	Y	-
95	G	-
96	G	-
97	R	-

Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MO3FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	BAT (F/L)
2	Y	POWER WINDOW POWER SUPPLY (BAT)
3	BG	POWER WINDOW POWER SUPPLY (RAP)

Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	LG	INTERIOR ROOM LAMP POWER SUPPLY
5	P	PASSENGER DOOR UNLOCK OUTPUT
7	SB	STEP LAMP CONT
8	V	ALL DOOR FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	R	BAT (E/USE)
13	B	GND
14	W	PUSH-BUTTON IGNITION SW ILL GND
15	BG	ACC ILL
17	W	TURN SIGNAL SW (FRONT)
18	BG	TURN SIGNAL LH (FRONT)
19	V	RT ROOM LAMP CONT

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

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MAIN HARNESS

Connector No.	M120
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	INS1ZFW-CS



20	23
25	30

Terminal No.	Color of Wire	Signal Name [Specification]
20	V	TURN SIGNAL RH (REAR)
23	LG	TRUNK LID OPEN OUTPUT
25	Y	TURN SIGNAL LH (REAR)
30	P	TRUNK ROOM LAMP CONT

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



34	35	38	39	47	50	52	60	61	64	67
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Terminal No.	Color of Wire	Signal Name [Specification]
34	SB	TRUNK ROOM ANT-
35	V	TRUNK ROOM ANT+
38	B	REAR BUMPER ANT-
39	W	REAR BUMPER ANT+
47	Y	IGN RELAY (F/R) CONT
50	BG	TRUNK ROOM LAMP SW
52	R	STARTER RELAY CONT
60	BR	PUSH SW
61	SB	TRUNK LID OPENER REQUEST SW
64	G	1-KEY/WARN BUZZER (ENG ROOM)
67	GR	TRUNK LID OPENER SW

Connector No.	M122
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



72	73	74	75	76	77	78	80	81	82	83	87	88	90	91	92	93	95	96	99	100	101	102	103	107	108	109	110
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Terminal No.	Color of Wire	Signal Name [Specification]
72	R	ROOM ANT 2-
73	G	ROOM ANT 2+
74	SB	PASSENGER DOOR ANT-
75	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	Y	ROOM ANT 1-
79	BR	ROOM ANT 1+
80	GR	MATS ANT AMP
81	W	MATS ANT AMP
82	SB	IGN RELAY (F/B) CONT
83	Y	KEYLESS ENTRY RECEIVER COMM
87	Y	COMBI SW INPUT 5
88	BG	RECEIVER / SENSOR POWER SUPPLY CAN-L
90	P	CAN-H
91	L	CAN-L
92	LG	KEY SLOT ILL
93	GR	ON IND
95	BG	ACC RELAY CONT
96	GR	A/T SHIFT SELECTOR POWER SUPPLY
99	BR	ASCD GLUTCH SW (WH M/T)
99	R	SHIFT P (WH A/T)
100	Y	PASSENGER DOOR REQUEST SW
101	P	DRIVER DOOR REQUEST SW
102	BG	BLOWER FAN MOTOR RELAY CONT
103	P	KEYLESS ENTRY RECEIVER POWER SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	W	COMBI SW INPUT 2
110	G	HAZARD SW

Connector No.	M123
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FG-NH



112	113	114	116	118	119	121	123	124	129	132	133	134	137	139	140	141	142	143	144	145	146	150	151
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Terminal No.	Color of Wire	Signal Name [Specification]
112	R	RAIN SENSOR SERIAL LINK
113	BG	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
116	SB	STOP LAMP SW 1
118	BR	STOP LAMP SW 2
119	SB	DR DOOR UNLOCK SENSOR
121	SB	KEY SLOT SW
123	V	IGN F/B
124	R	PASSENGER DOOR SW
129	BG	TRUNK GANDEL SW
132	V	POWER WINDOW SW COMM
133	L	PUSH-BUTTON IGNITION SW ILL POWER LOCK IND
134	LG	LOCK IND
137	BG	RECEIVER / SENSOR GND
139	V	RECEIVER / SENSOR POWER SUPPLY
139	L	TIRE PRESSURE RECEIVER COMM
140	B	SHFT N/P
141	W	SECURITY IND LAMP
142	BR	COMBI SW OUTPUT 5
143	P	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 3
146	SB	COMBI SW OUTPUT 4
150	GR	DRIVER DOOR SW
151	C	REAR WINDOW DEFROGGER RELAY CONT

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CSIS



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	GR	-
3	B	-
7	V	-
8	P	-
10	BR	-
11	R	-
12	G	-
13	R	-
36	G	-
37	R	-
38	GR	-
39	L	-
43	BG	-
44	W	-
45	SB	-
47	LG	-
48	P	-
49	Y	-
50	BR	-
51	SB	-
52	L	-
53	L	-
54	Y	-

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M131
Connector Name	INSIDE KEY ANTENNA (INSTRUMENT CENTER)
Connector Type	PK02FDY



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

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



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

Connector No.	M133
Connector Name	WIRE TO WIRE
Connector Type	M02FB-LC



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

2	B
---	---

Connector No.	M136
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-RH



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

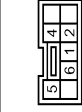
Connector No.	M137
Connector Name	A/T SHIFT SELECTOR
Connector Type	TH12FW-RH



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

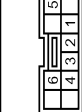
9	B
10	GR
11	R

Connector No.	M139
Connector Name	SNOW MODE SWITCH
Connector Type	TK08FW



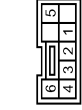
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	GR	-
4	Y	-
5	P	-
6	B	-

Connector No.	M141
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



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

Connector No.	M142
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



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

Connector No.	M143
Connector Name	YAW RATE / SIDE G SENSOR
Connector Type	AAZ04FB-S



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

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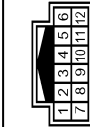
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M144
Connector Name	WIRE TO WIRE
Connector Type	TH12MM-NH



Terminal No.	Color of Wire	Signal Name [Specification]
7	SHIELD	-
8	R	-
9	W	-
10	B	-

Connector No.	M146
Connector Name	INSIDE KEY ANTENNA (CONSOLE)
Connector Type	RK0ZFGY



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

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	TK28FY-EX-SS



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

1	LG	IGN
2	B	GRD
3	Y	DR 1 (+)
4	Y	DR 1 (-) DR 2 (-)
5	Y	AS 1 (+)
6	Y	AS 1 (-)
11	SB	ECZS (+)
12	V	ECZS (-)
15	LG	AIR BAG W/L
16	SHIELD	GRD
18	R	GRD
21	L	CAN-H
24	G	SEAT BELT
45	Y	DR 2 (+)
46	P	CAN-L
47	Y	AS 2 (+)
48	Y	AS 2 (-)
49	L	ODS INPUT

Connector No.	M148
Connector Name	CONSOLE POWER SOCKET
Connector Type	PR02FB-Z



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

Connector No.	M149
Connector Name	FRONT POWER SOCKET
Connector Type	PR02FB-Z



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

1	P	-
2	B	-

Connector No.	M151
Connector Name	WIRE TO WIRE
Connector Type	M02MB-P-LC



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

Connector No.	M152
Connector Name	POWER SOCKET
Connector Type	PR02FB-Z



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

Connector No.	M153
Connector Name	SONAR CANCEL SWITCH
Connector Type	TK08FW



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

Connector No.	M154
Connector Name	AUXILIARY INPUT JACKS
Connector Type	AG8FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	AUX SOUND SIGNAL RH (+)
2	B	AUX SOUND SIGNAL GND
3	W	AUX SOUND SIGNAL LH (+)
7	G	AUX IMAGE SIGNAL
8	R	AUX IMAGE GND

Connector No.	M156
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	JCA02FB



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

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M157
Connector Name	FRONT PASSENGER AIR BAG MODULE
Connector Type	UCADZFOR



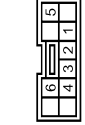
Terminal No.	Color of Wire	Signal Name [Specification]
3	Y	-
4	Y	-

Connector No.	M174
Connector Name	WIRE TO WIRE
Connector Type	TH1ZMW-NH



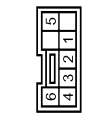
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	GR	-
3	W	-
4	G	-
5	O	-
6	P	-
7	B	-
8	R	-
9	LG	-
10	Y	-
11	V	-
12	SB	-

Connector No.	M175
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	TKLDFW



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

Connector No.	M176
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



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

Connector No.	M191
Connector Name	WIRE TO WIRE
Connector Type	CP06MGY-S



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	-
3	L	-
4	G	-
5	R	-
7	SHIELD	-

Connector No.	M192
Connector Name	USB CONNECTOR
Connector Type	HAA04FG



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

Connector No.	M201
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M202
Connector Name	AV CONTROL UNIT
Connector Type	TH2FEW-RH



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

Connector No.	M203
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-RH



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

Connector No.	M204
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-RH



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

Connector No.	M205
Connector Name	AV CONTROL UNIT
Connector Type	TH12FEW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
108	BR	SOUND SIGNAL REAR RH (+)
109	R	SOUND SIGNAL FRONT RH (+)
110	GR	AMP ON SIGNAL
111	B	SHIELD

Connector No.	M206
Connector Name	AV CONTROL UNIT
Connector Type	A12FW



Terminal No.	Color of Wire	Signal Name [Specification]
112	V	SOUND SIGNAL REAR LH (+)
113	O	SOUND SIGNAL FRONT LH (+)
114	Y	SOUND SIGNAL REAR RH (-)
115	G	SOUND SIGNAL FRONT RH (-)
118	LG	SOUND SIGNAL REAR LH (-)
119	W	SOUND SIGNAL FRONT LH (-)

Connector No.	M207
Connector Name	AV CONTROL UNIT
Connector Type	HA04FL



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	AMP ON SIGNAL
2	O	SOUND SIGNAL FRONT LH (+)
3	W	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	B	SHIELD
11	R	SOUND SIGNAL FRONT RH (+)
12	G	SOUND SIGNAL FRONT RH (-)
13	BR	SOUND SIGNAL REAR RH (+)
14	Y	SOUND SIGNAL REAR RH (-)
15	B	STRG SW GND
16	L	STRG SW B
19	Y	BATTERY
20	B	GND

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS		M209		M210		M211		M212		M221		M222		M253		M254		M252		
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
22	R	CAMERA POWER SUPPLY	129	G	USB GND	1	L	IGN	3	BR	IGN	1	L	MODE DOOR MOTOR	1	L	INTAKE DOOR MOTOR	1	L	-
23	V	DISK EJECT SIGNAL	130	R	USB D- SIGNAL	2	B	WIRE TO WIRE	4	L	GND	2	B	-	2	B	-	2	B	-
30	SB	MODE CHANGE SIGNAL	131	W	V BUS SIGNAL	3	L	SHIELD				3	L	-	3	L	-	3	L	-
42	B	CAMERA GND	132	L	USB D+ SIGNAL															
49	BR	SW GND	133	L	SHIELD															
65	SB	PARKING BRAKE																		
67	P	COMPOSITE IMAGE GND																		
68	L	COMPOSITE IMAGE SIGNAL																		
71	SHIELD	MICROPHONE SIGNAL																		
72	G	MICROPHONE VCC																		
73	G	COMM (CONT)-DISP																		
74	P	CON-L																		
75	LG	AV COMM (L)																		
76	LG	AV COMM (R)																		
78	L	ILLUMINATION																		
80	G	IGNITION																		
81	BG	REVERSE																		
82	R	VEHICLE SPEED (PULSE)																		
83	SHIELD	SHIELD																		
87	R	MICROPHONE SIGNAL																		
88	SHIELD	SHIELD																		
89	L	COMM (DISP)-CONT																		

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CONNECTOR INFORMATION


< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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


MAIN HARNESS

Connector No.	M255
Connector Name	AIR MIX DOOR MOTOR RH
Connector Type	AG3FW




Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
1	L	
2	B	
3	L	

Connector No.	M301
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FOR



Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
9	-	
12	-	


Connector No.	M302
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02E-2V



Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
10	-	


Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
13	-	FM SUB
138	-	AM-FM MAIN
139	-	ANTENNA-AMP. ON SIGNAL

Connector No.	M370
Connector Name	AV CONTROL UNIT
Connector Type	GT13SH-2/1S-HU




Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
137	-	FM SUB
138	-	AM-FM MAIN
139	-	ANTENNA-AMP. ON SIGNAL

Connector No.	M371
Connector Name	AV CONTROL UNIT
Connector Type	GT13SH-2/1S-HU



Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
150	-	FM SUB
151	-	AM-FM MAIN
152	-	ANTENNA-AMP. ON SIGNAL


Connector No.	M372
Connector Name	AV CONTROL UNIT
Connector Type	FAK6A JACK



Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
150	-	FM SUB
151	-	AM-FM MAIN
152	-	ANTENNA-AMP. ON SIGNAL

Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
1	G	F-MTEV
2	W	F-ANG W.SIG
3	B	LOCK SOL.SND
4	Y	F-ANG U.SIG
5	BR	F-MTEU
6	L	F-MTEW
7	GR	F-ANG GND
8	GR	F-ANG V.SIG
10	R	LOCK SOL. VCC


Connector No.	M351
Connector Name	4WAS FRONT CONTROL UNIT
Connector Type	TB06FW-TM4



Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
1	G	F-MTEV
2	W	F-ANG W.SIG
3	B	LOCK SOL.SND
4	Y	F-ANG U.SIG
5	BR	F-MTEU
6	L	F-MTEW
7	GR	F-ANG GND
8	GR	F-ANG V.SIG
10	R	LOCK SOL. VCC


Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
153	-	SATELLITE ANTENNA SHIELD
154	-	GFS ANTENNA SHIELD

Connector No.	M373
Connector Name	AV CONTROL UNIT
Connector Type	GT5-1S-HU



Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
153	-	SATELLITE ANTENNA SHIELD
154	-	GFS ANTENNA SHIELD

Connector No.	M374
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1PP-HU























Terminal No.	Color of Wire <td>Signal Name [Specification]</td>	Signal Name [Specification]
1	-	
2	SHIELD	

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Terminal No.		Color of Wire	Signal Name [Specification]															
1	2	SHIELD																
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Connector Type	GT13SD-2/1S-HU																	
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Signal Name [Specification]																		
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Connector Type	GT13SDN-2/1PP-HU																	
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Color of Wire	-	-																
Signal Name [Specification]																		
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Connector Type	P01FB-A																	
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Color of Wire	-	-																
Signal Name [Specification]																		
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Connector Name	WIRE TO WIRE																	
Connector Type	GT16C-1PP-HU																	
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Signal Name [Specification]																		
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Terminal No.	1	2																
Color of Wire	-	-																
Signal Name [Specification]																		
<table border="1"> <tr> <td>Connector No.</td> <td>M381</td> </tr> <tr> <td>Connector Name</td> <td>WINDOW ANTENNA (MAIN)</td> </tr> <tr> <td>Connector Type</td> <td>P01FB-A</td> </tr> </table>  				Connector No.	M381	Connector Name	WINDOW ANTENNA (MAIN)	Connector Type	P01FB-A									
Connector No.	M381																	
Connector Name	WINDOW ANTENNA (MAIN)																	
Connector Type	P01FB-A																	
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Terminal No.	1	2																
Color of Wire	-	-																
Signal Name [Specification]																		
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Connector No.	M382																	
Connector Name	WIRE TO WIRE																	
Connector Type	GT16C-1S-HU																	
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Terminal No.	1	2																
Color of Wire	-	-																
Signal Name [Specification]																		
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Connector No.	M383																	
Connector Name	AV CONTROL UNIT																	
Connector Type	GT17HNN-4DS-HU																	
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Terminal No.	1	2																
Color of Wire	-	-																
Signal Name [Specification]																		
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Connector No.	M384																	
Connector Name	AV CONTROL UNIT																	
Connector Type	GT17HNN-4DS-HU																	
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Terminal No.	157	158																
Color of Wire	-	-																
Signal Name [Specification]	RGB DIGITAL IMAGE SIGNAL (-)	RGB DIGITAL IMAGE SIGNAL (+)																
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Connector No.	M385																	
Connector Name	DISPLAY UNIT																	
Connector Type	GT17HNE-4DS-HU																	
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Terminal No.	27	28																
Color of Wire	-	-																
Signal Name [Specification]	RGB DIGITAL IMAGE SIGNAL (-)	RGB DIGITAL IMAGE SIGNAL (+)																

MAIN HARNESS

JRMWC4494GB

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M387
Connector Name	WIRE TO WIRE
Connector Type	GT13SC-1/IS-HU



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

Connector No.	M388
Connector Name	ANTENNA AMP.
Connector Type	GT13SC-1/IS-HU



Terminal No.	Color of Wire	Signal Name [Specification]
1	-	ANTENNA AMP. ON SIGNAL
2	-	AM-FM MAIN

JRMWC4495GB

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

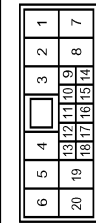
< DTC/CIRCUIT DIAGNOSIS >

R Room Lamp Harness

INFOID:000000007773723

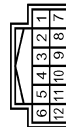
ROOM LAMP HARNESS

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	NH10PW-CS10



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

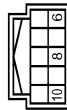
Connector No.	R2
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



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

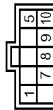
5	W	-
6	B	-
7	P	-
8	GR	-
9	V	-
11	Y	-
12	R	-

Connector No.	R3
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



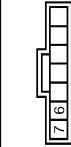
Terminal No.	Color of Wire	Signal Name [Specification]
6	BR	IGN
8	B	GND
10	G	BAT

Connector No.	R4
Connector Name	SUNROOF MOTOR ASSEMBLY
Connector Type	YEA10FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	SW-BT 1
5	P	SW-BT 0
7	BR	IG
8	GR	SPEED SENSOR (2P)
9	Y	TRIPLET (GRN)
10	G	GND

Connector No.	R6
Connector Name	ROOM MIRROR
Connector Type	JAA07FB



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

Connector No.	R9
Connector Name	RAIN SENSOR
Connector Type	AAB03FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	4B
2	R	SIG
3	B	GND

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12MM-NH



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

2	BR	-
3	SHIELD	-
4	W	-
5	R	-
6	B	-
7	O	-
8	G	-
9	GR	-
11	L	-
12	P	-

Connector No.	R12
Connector Name	VANITY MIRROR LAMP LH
Connector Type	MCA02FW



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

Connector No.	R13
Connector Name	VANITY MIRROR LAMP RH
Connector Type	MCA02FW



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ROOM LAMP HARNESS

Connector No.	R15
Connector Name	MAP LAMP
Connector Type	TK08FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	MICROPHONE SIGNAL
2	SHIELD	MICROPHONE GND
4	R	MICROPHONE VCC



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

Connector No.	R16
Connector Name	SUNROOF SWITCH
Connector Type	TK03FEW



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

Connector No.	R17
Connector Name	MICROPHONE
Connector Type	TK04FW



JRMWC4497GB

HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

HARNESS CONNECTOR

Description

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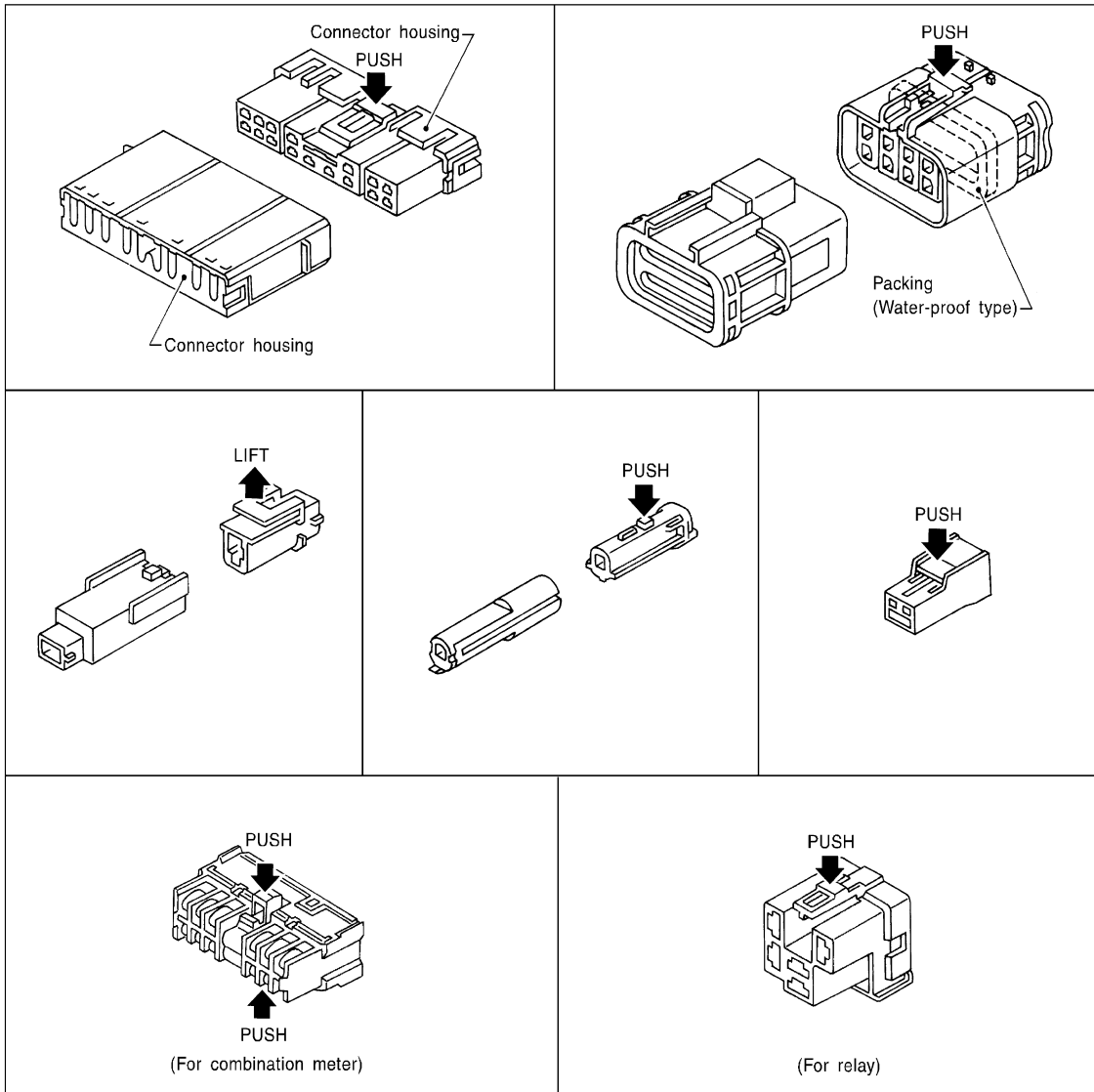
HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

CAUTION:

Never pull the harness or wires when disconnecting the connector.

[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.

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HARNESS CONNECTOR

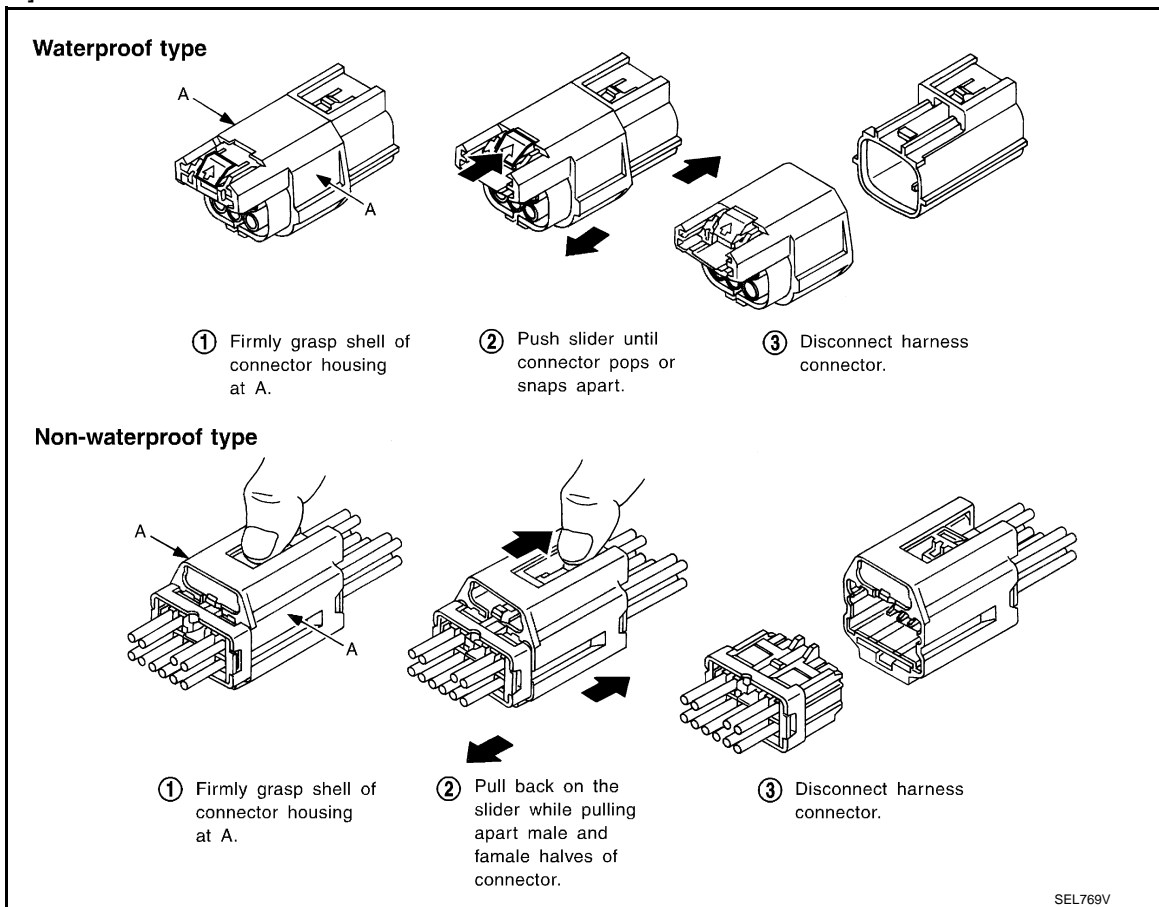
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

CAUTION:

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

[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.

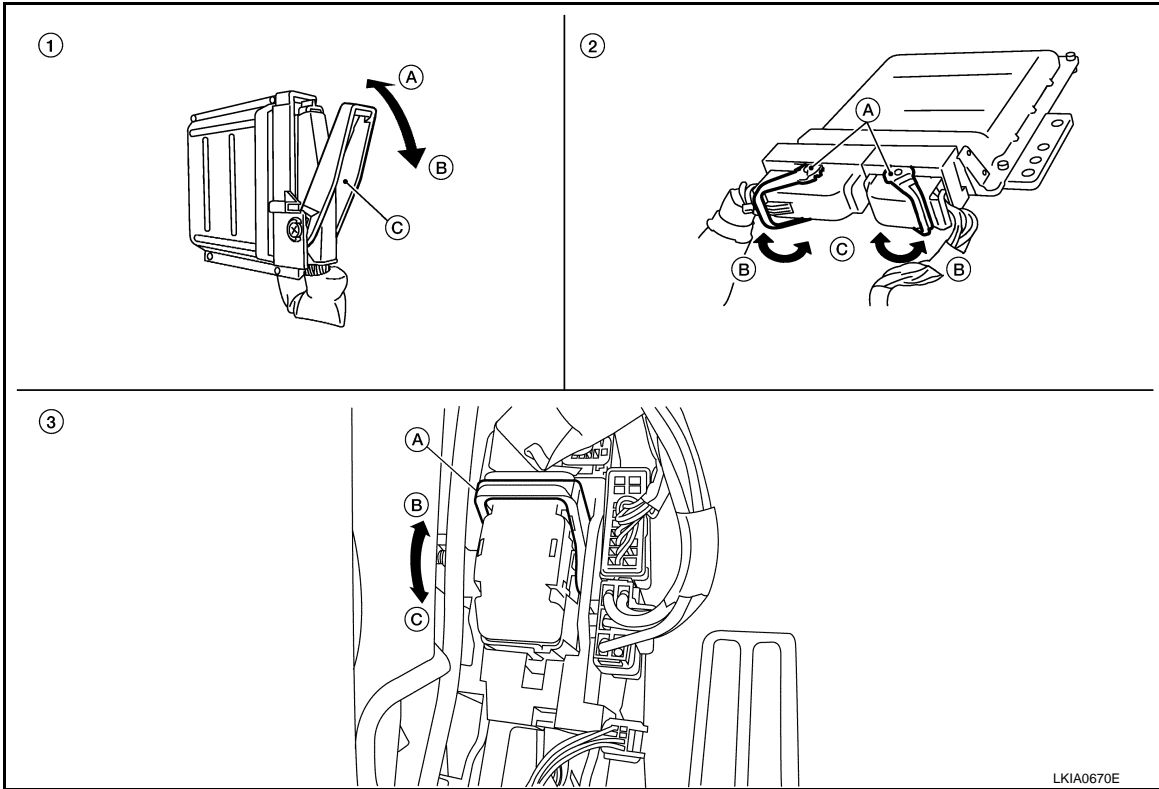
CAUTION:

HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Always confirm the lever is fully released (loosened) before attempting to disconnect or connect these connectors to avoid damage to the connector housing or terminals.



1. Control unit with single lever
A. Fasten
B. Loosen
C. Lever

2. Control unit with dual levers
A. Levers
B. Fasten
C. Loosen

3. SMJ connector
A. Lever
B. Fasten
C. Loosen

LKIA0670E

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STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

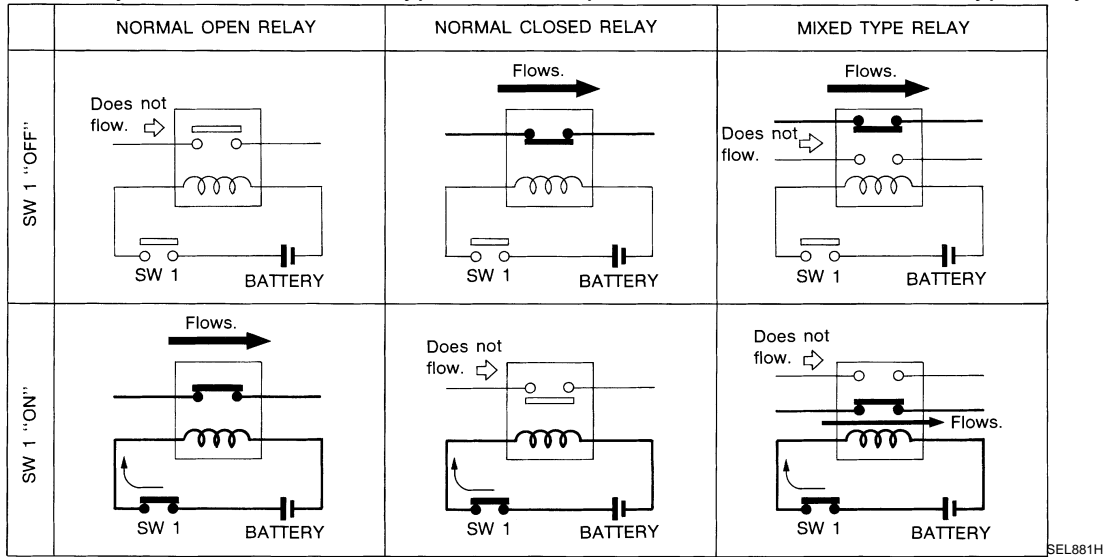
STANDARDIZED RELAY

Description

INFOID:000000007468979

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



SEL881H

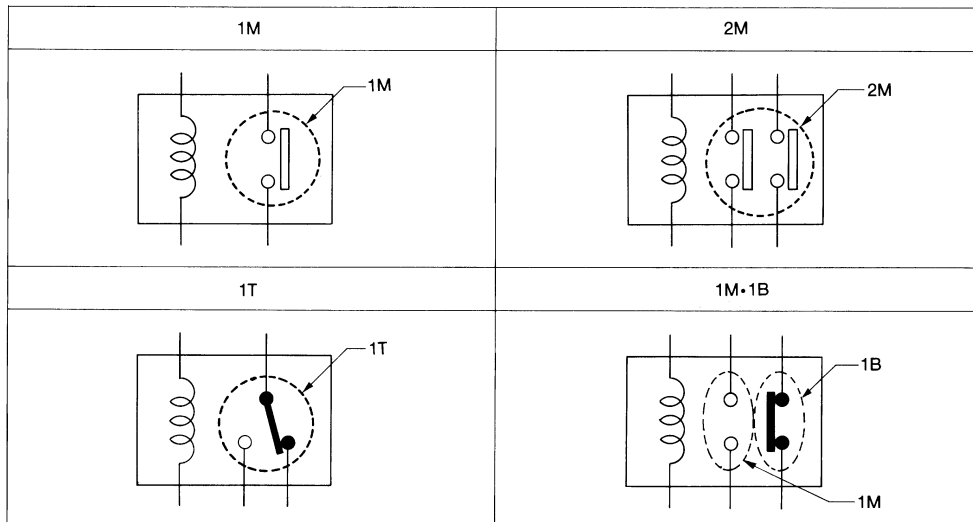
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

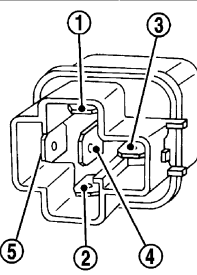
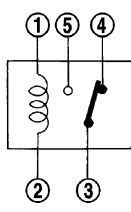
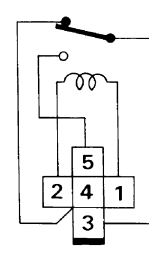
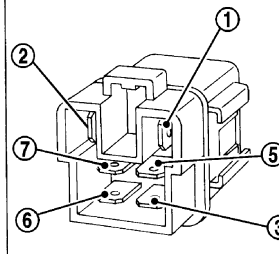
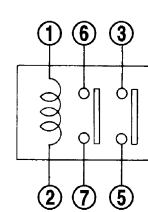
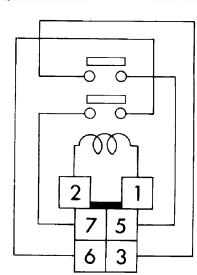
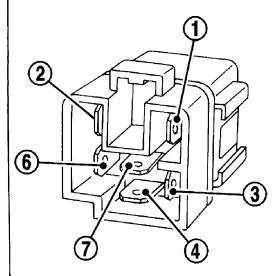
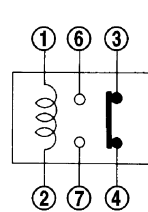
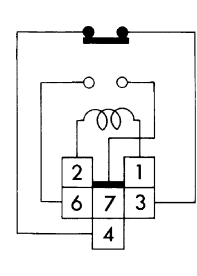
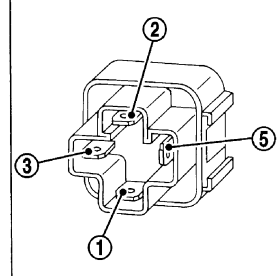
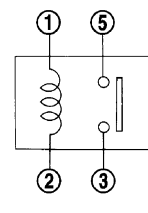
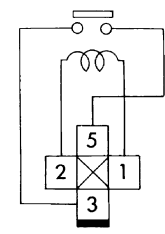
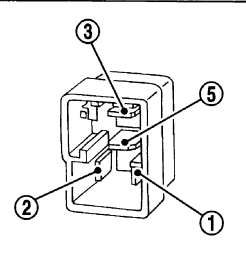
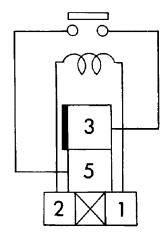


SEL882H

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Type	Outer view	Circuit	Connector symbol and connection	Case color
1T				BLACK
2M				BROWN
1M•1B				GRAY
1M				BLUE
				

The arrangement of terminal numbers on the actual relays may differ from those shown above.

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FUSE BLOCK - JUNCTION BOX (J/B)

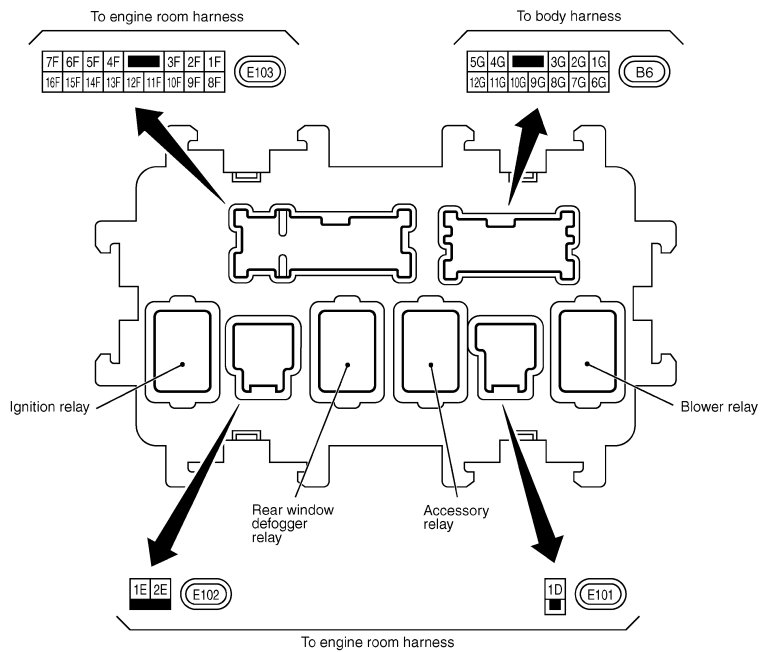
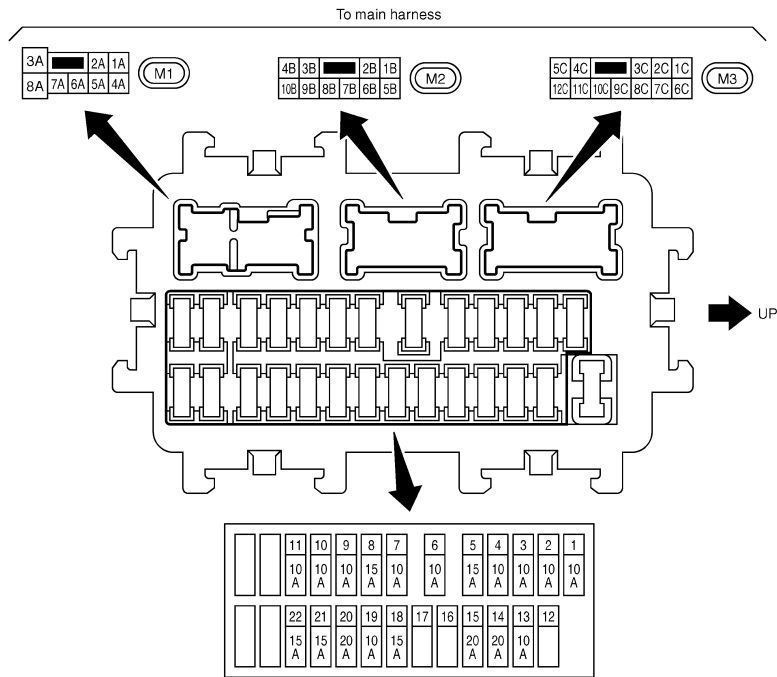
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000007468980



2009/11/05

JCMWM6117GB

FUSE, FUSIBLE LINK AND RELAY BOX

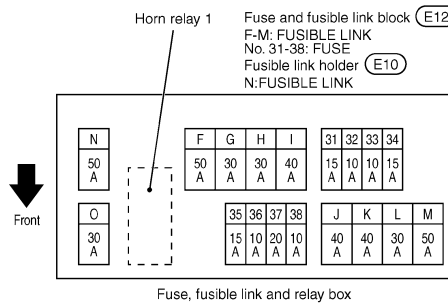
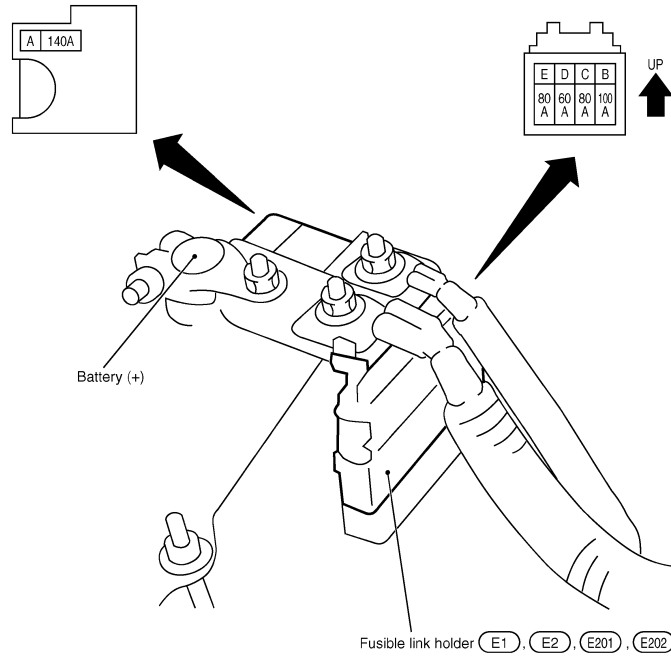
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000007468981



2011/07/13

JRMWC4442GB

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

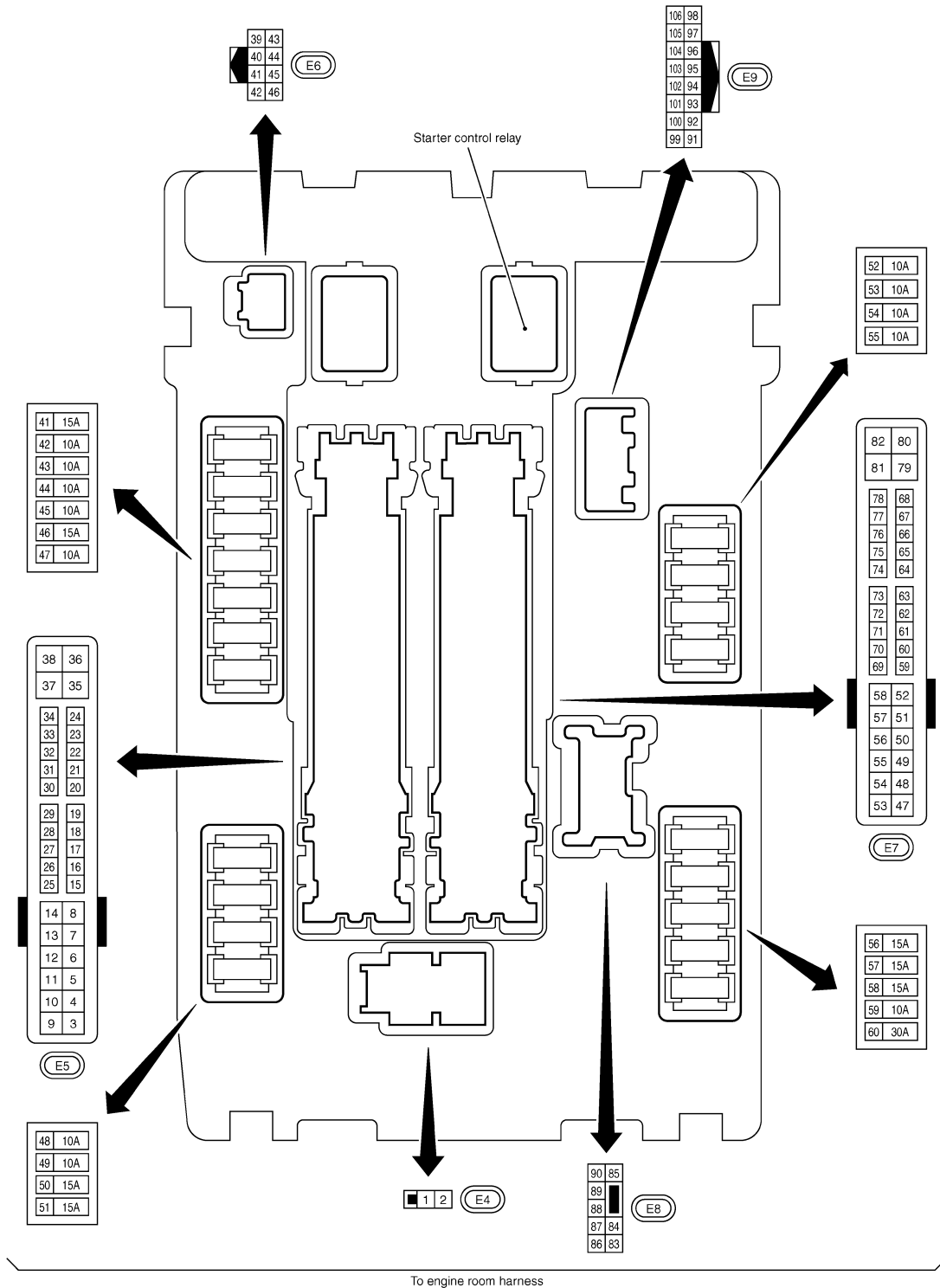
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[POWER SUPPLY & GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

INFOID:000000007468982



2010/10/07

JCMWN0241GB

PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY & GROUND CIRCUIT]

PRECAUTION

PRECAUTIONS

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

INFOID:000000007468983

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

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Precaution for Battery Service

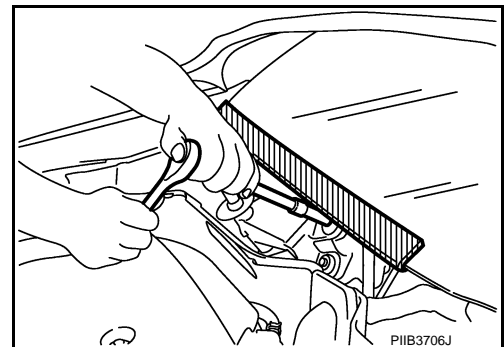
INFOID:000000007468984

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

Precaution for Procedure without Cowl Top Cover

INFOID:000000007468985

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



PREPARATION

[POWER SUPPLY & GROUND CIRCUIT]


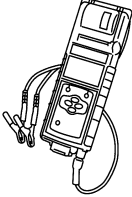
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000007732914

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

BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

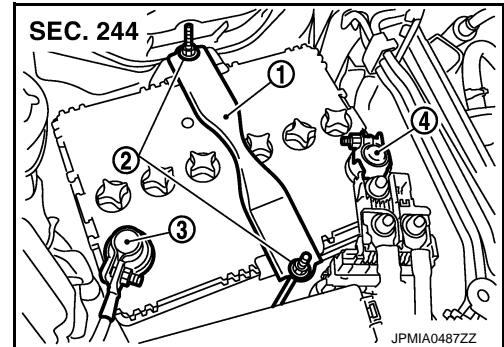
REMOVAL AND INSTALLATION

BATTERY

Exploded View

INFOID:000000007468987

- 1 : Battery fix frame
- 2 : Battery fix frame mounting nuts
- 3 : Battery terminal (-)
- 4 : Battery terminal (+)

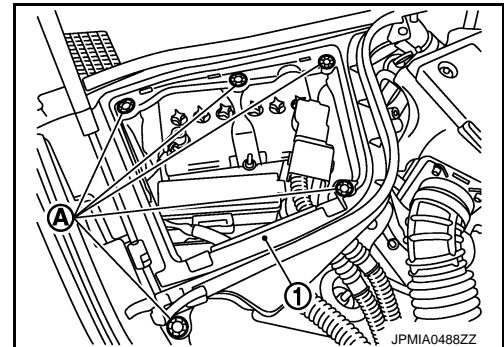


Removal and Installation

INFOID:000000007468988

REMOVAL

1. Remove battery cover.
2. Remove the clips (A), and remove hoodledge cover (RH) (1).

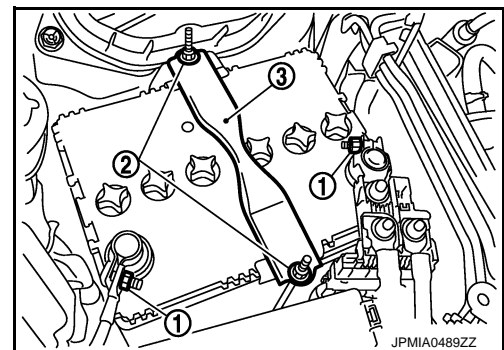


3. Remove cowl top cover (RH). Refer to [EXT-23. "Exploded View"](#).
4. Remove cover of battery positive terminal.
5. Loosen battery terminal nuts (1), and disconnect both battery cables from battery terminals.

CAUTION:

When disconnecting, disconnect the battery cable from the negative terminal first.

6. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
7. Remove battery.



INSTALLATION

Install in the reverse order of removal.

CAUTION:

When connecting, connect the battery cable to the positive terminal first.

Battery fix frame mounting nut

: 3.9 N·m (0.40 kg·m, 35 in·lb)

Battery terminal nut

: 5.4 N·m (0.55 kg·m, 48 in·lb)

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BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

Reset electronic systems as necessary. Refer to [GI-55. "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

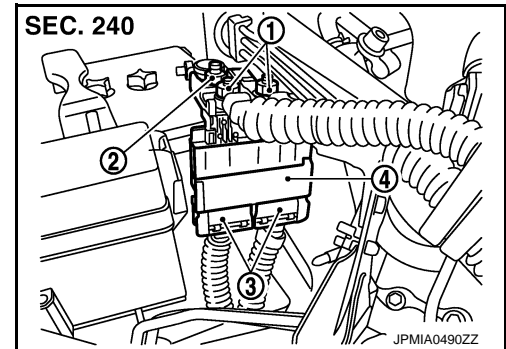
[POWER SUPPLY & GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000007468989

- 1 : Harness mounting nut
- 2 : Fusible link holder mounting nut
- 3 : Harness connector
- 4 : Battery terminal with fusible link

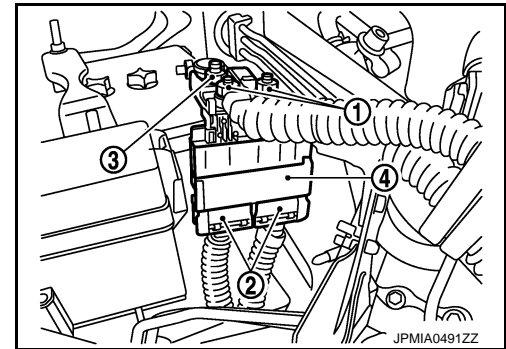


Removal and Installation

INFOID:000000007468990

REMOVAL

1. Remove battery cover.
2. Disconnect the battery cable from the negative terminal.
3. Remove cover of battery positive terminal.
4. Remove harness mounting nuts (1) to disconnect harness connector (2).
5. Remove fusible link holder mounting nut (3) to remove battery terminal with fusible link (4).



INSTALLATION

Install in the reverse order of removal.

Harness mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

Fusible link holder mounting nut

: 13.2 N·m (1.3 kg-m, 10 ft-lb)

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SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

[POWER SUPPLY & GROUND CIRCUIT]

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:000000007468991

Type		80D23L
20 hour rate capacity	[V - Ah]	12 - 62
Cold cranking current (For reference value)	[A]	582