

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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BASIC INSPECTION

BATTERY

How to Handle Battery

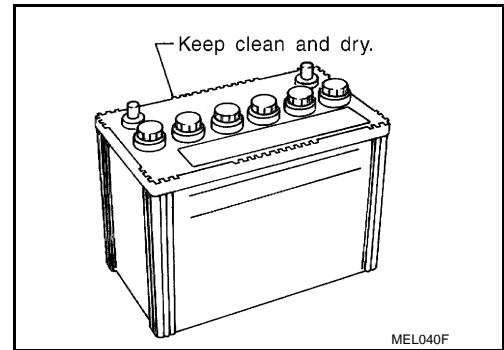
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CAUTION:

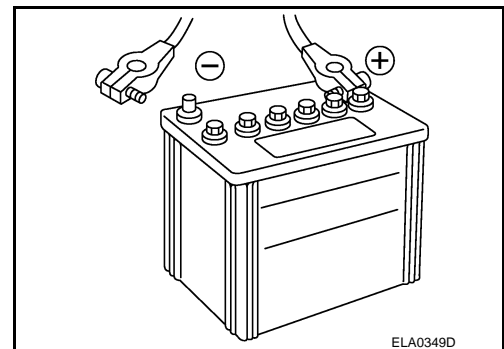
- If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.
- After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.
- Never add distilled water through the hole used to check specific gravity.

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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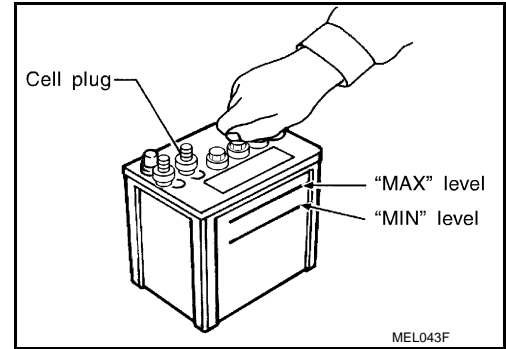
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BATTERY

[POWER SUPPLY & GROUND CIRCUIT]

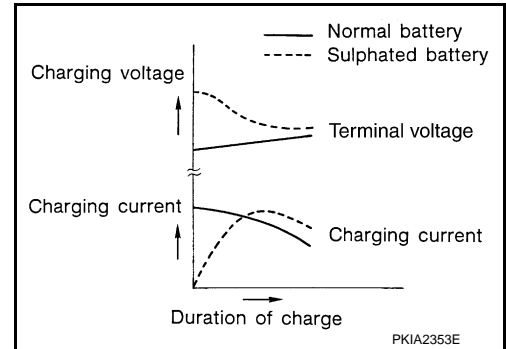
< BASIC INSPECTION >

- 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.



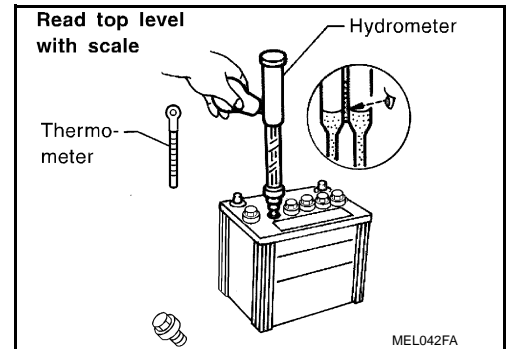
Specific Gravity Check

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	25	
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

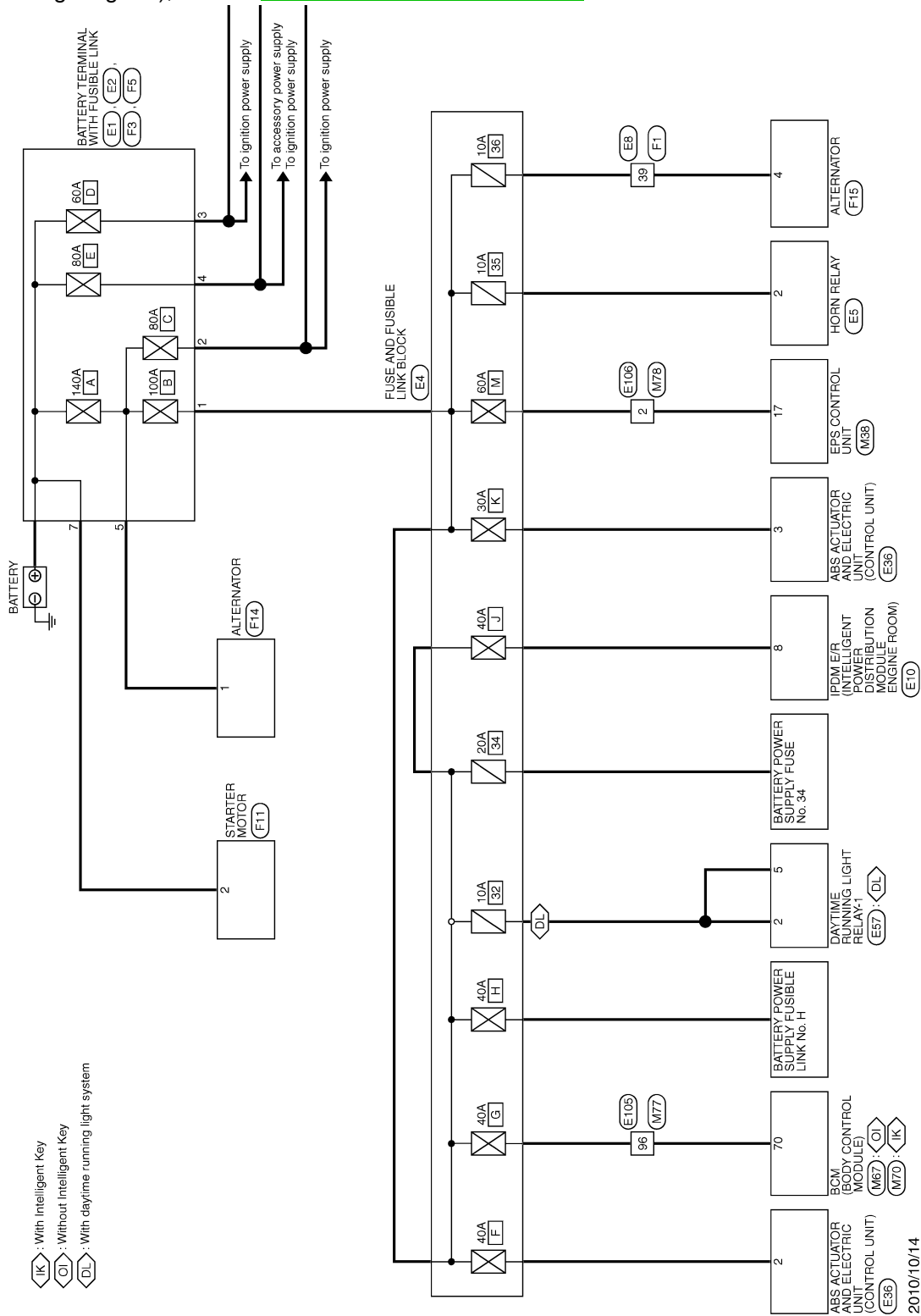
POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000007769394

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



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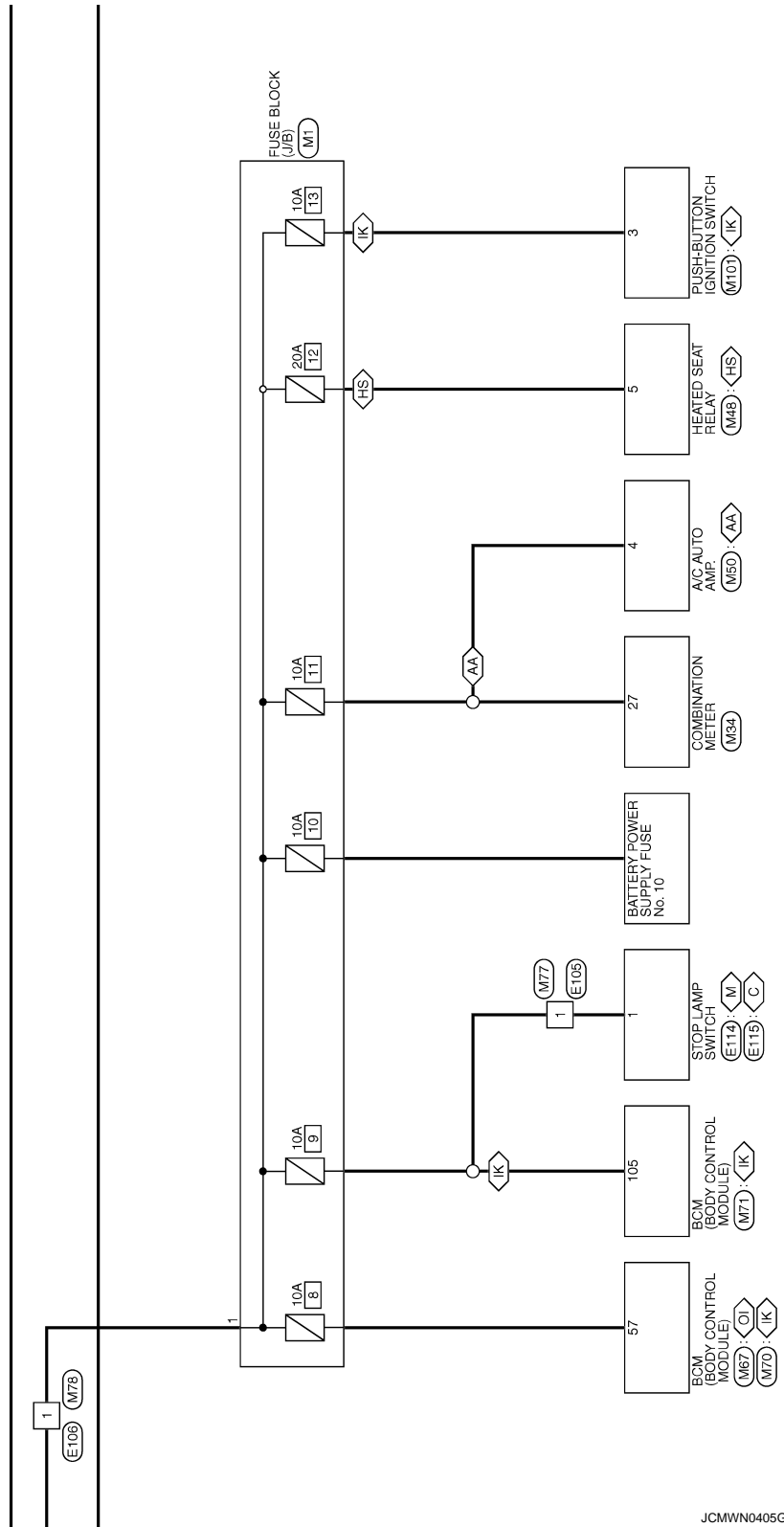
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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- ◻ C : With CVT
- ◻ M : With M/T
- ◻ IK : With Intelligent Key
- ◻ OI : Without Intelligent Key
- ◻ AA : With auto A/C
- ◻ HS : With heated seat



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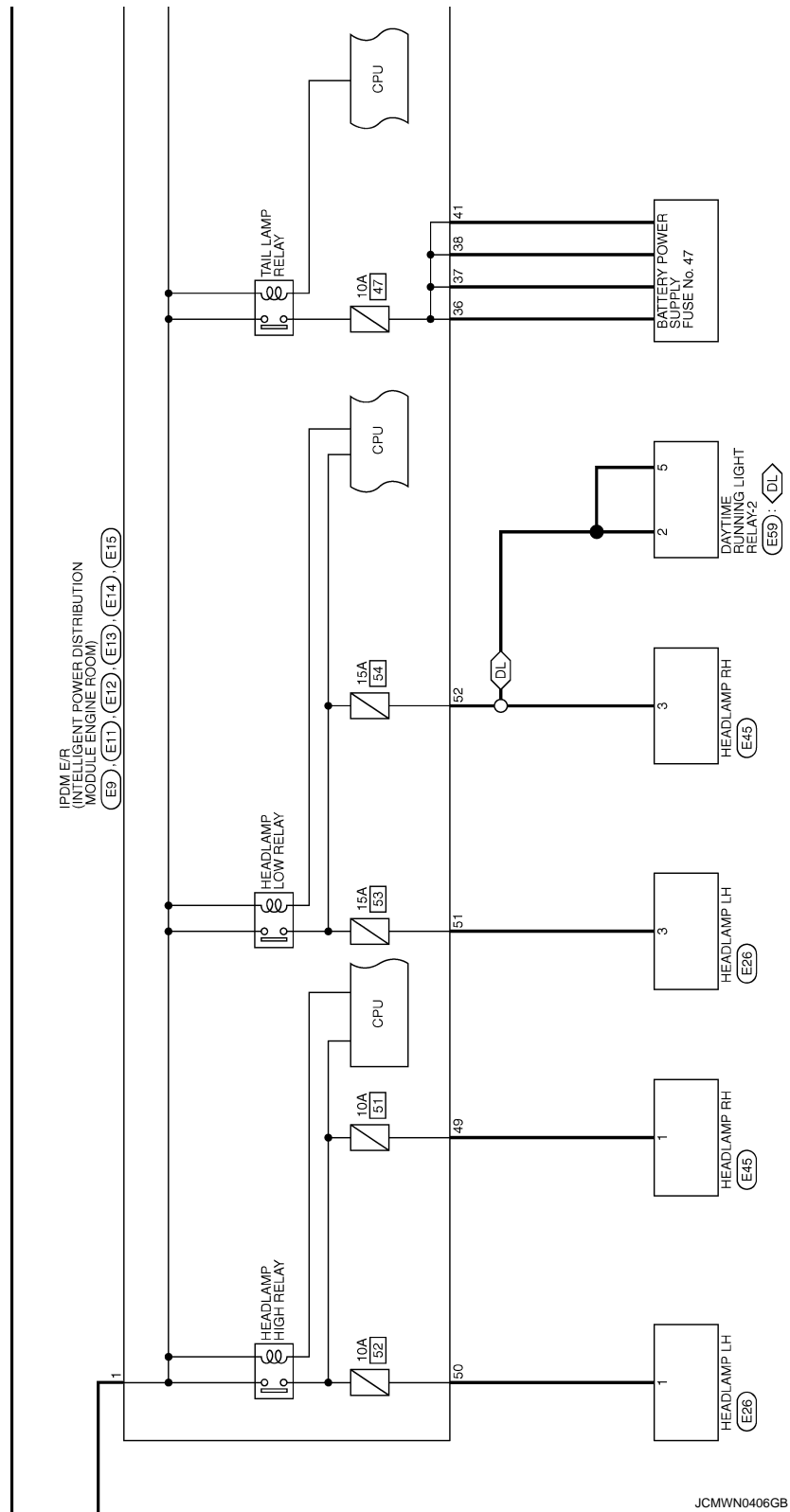
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

DL : With daytime running light system



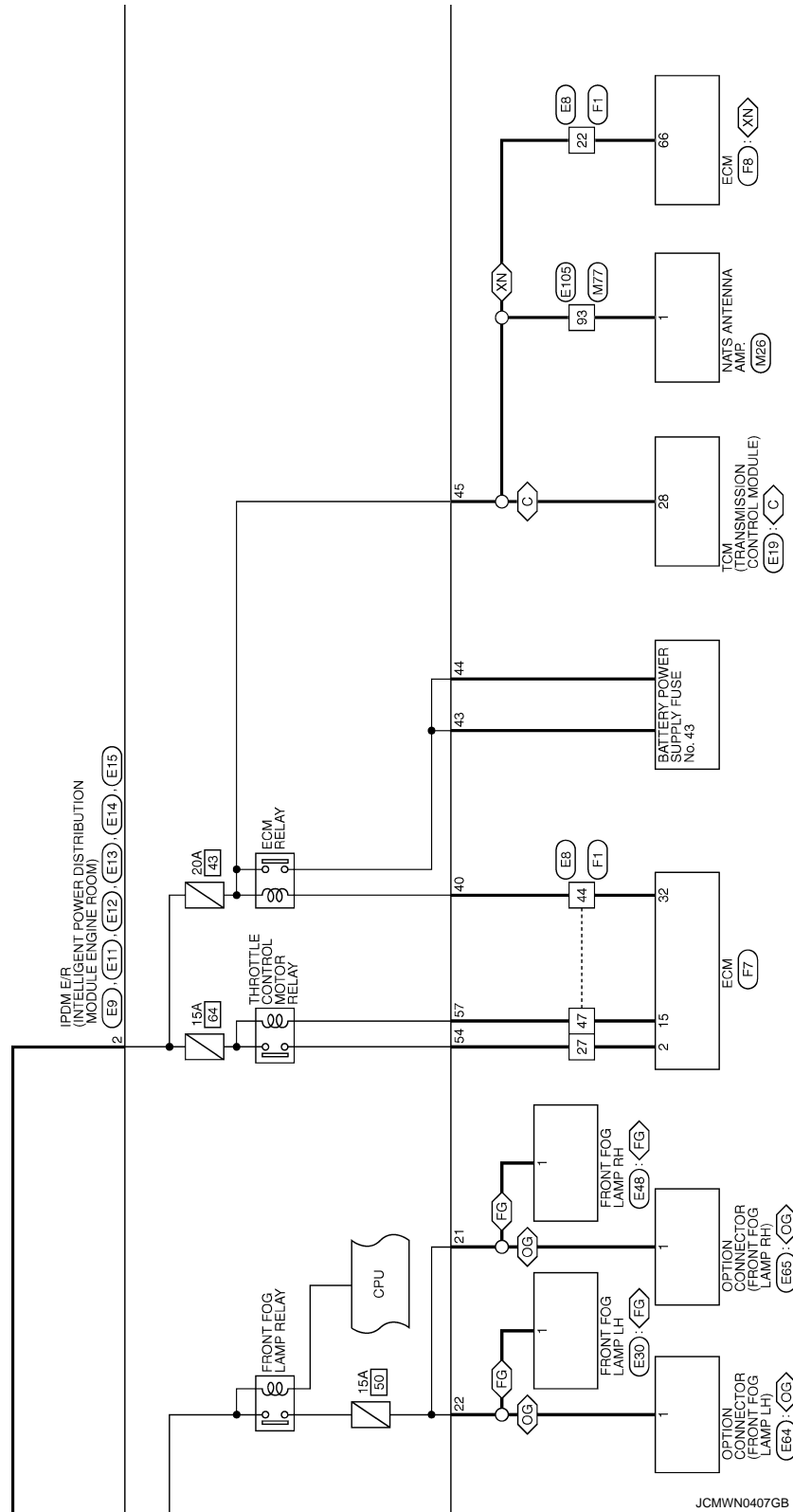
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POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

- XN : Except for Canada
- C : With CVT
- FG : With front fog lamp
- OG : Without front fog lamp



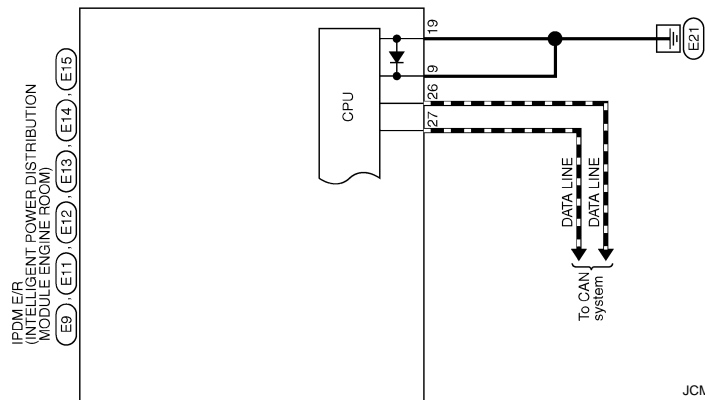
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]




POWER SUPPLY ROUTING CIRCUIT

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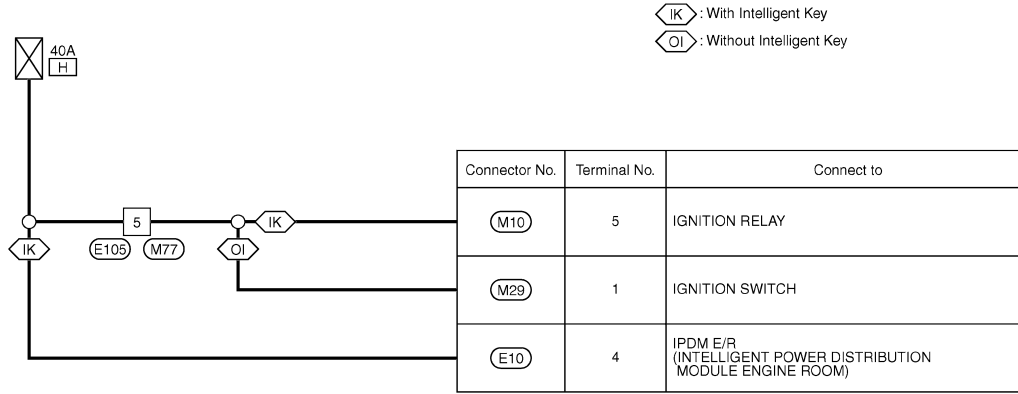
[POWER SUPPLY & GROUND CIRCUIT]

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

INFOID:000000007769395

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. H



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
POWER SUPPLY ROUTING CIRCUIT

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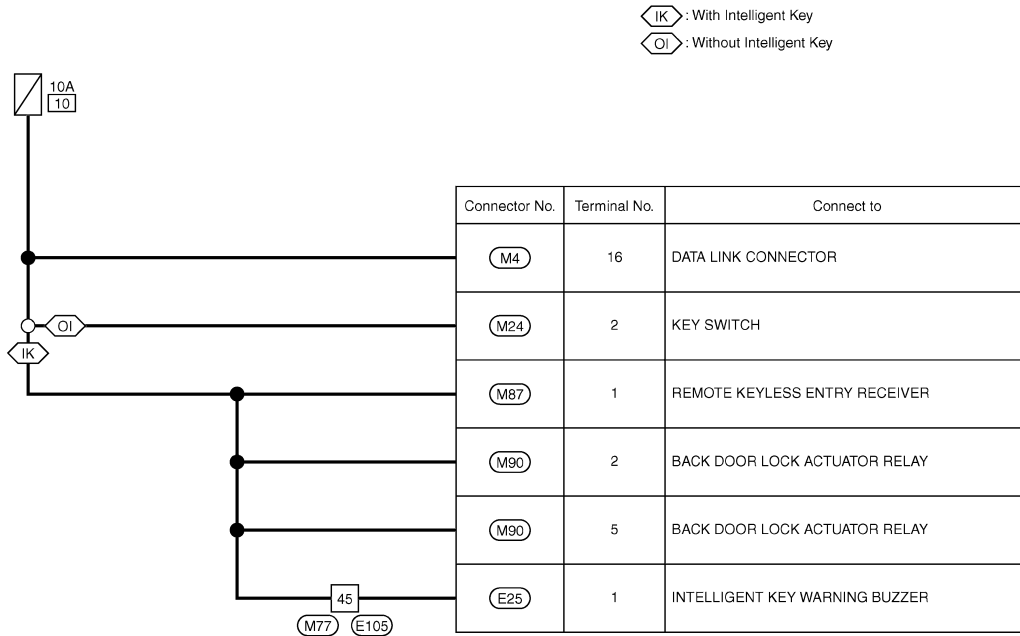
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 -

INFOID:000000007769396

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



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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

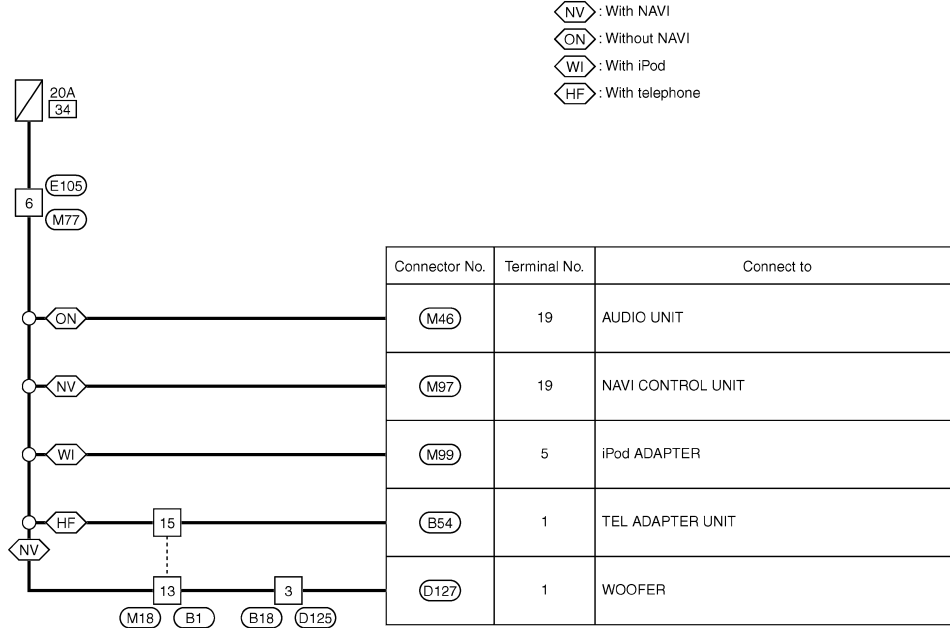
[POWER SUPPLY & GROUND CIRCUIT]





Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000007769397

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 NAVI
-  : Without NAVI
-  : With iPod
-  : With telephone

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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY & GROUND CIRCUIT]

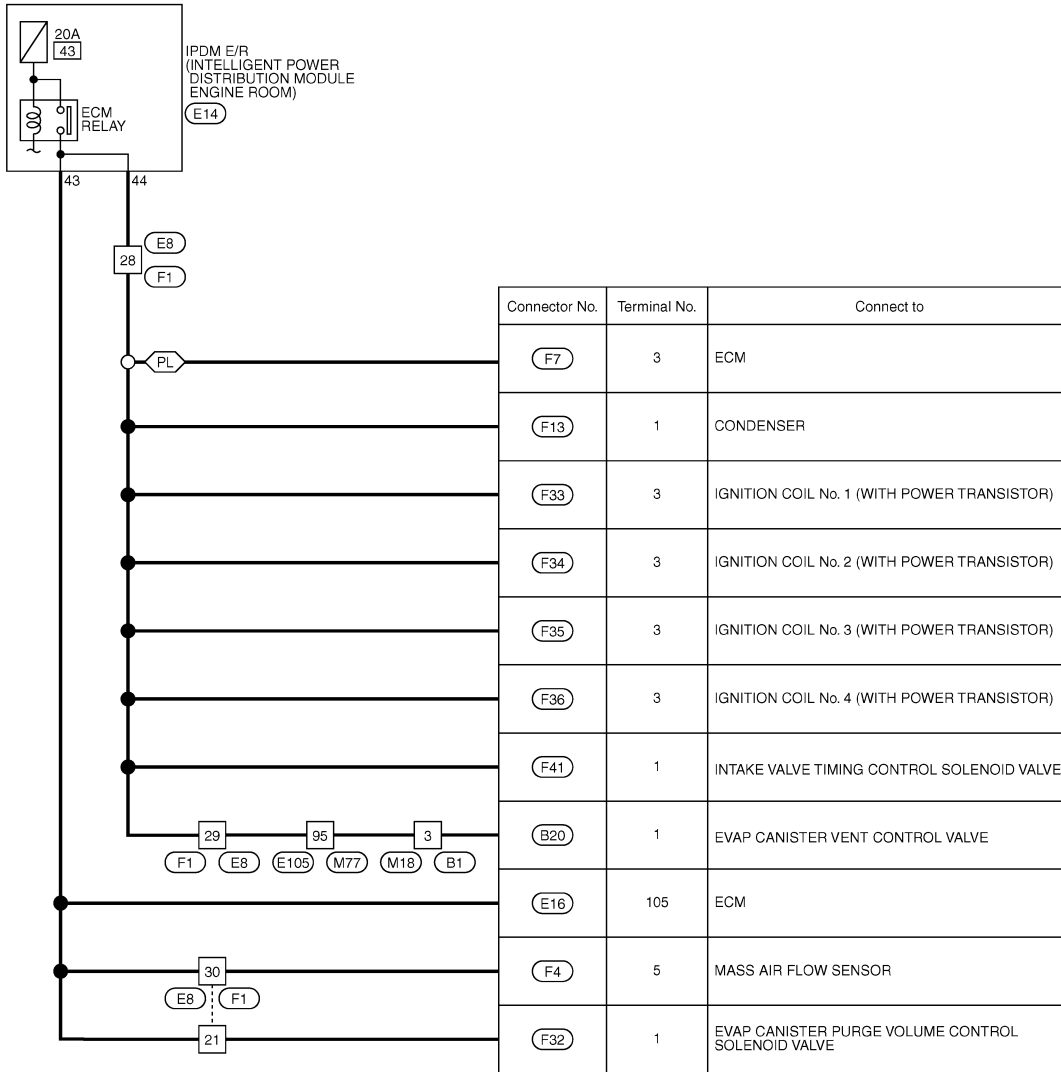
Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 43 -

INFOID:000000007769398

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. 43

: For California



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
POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

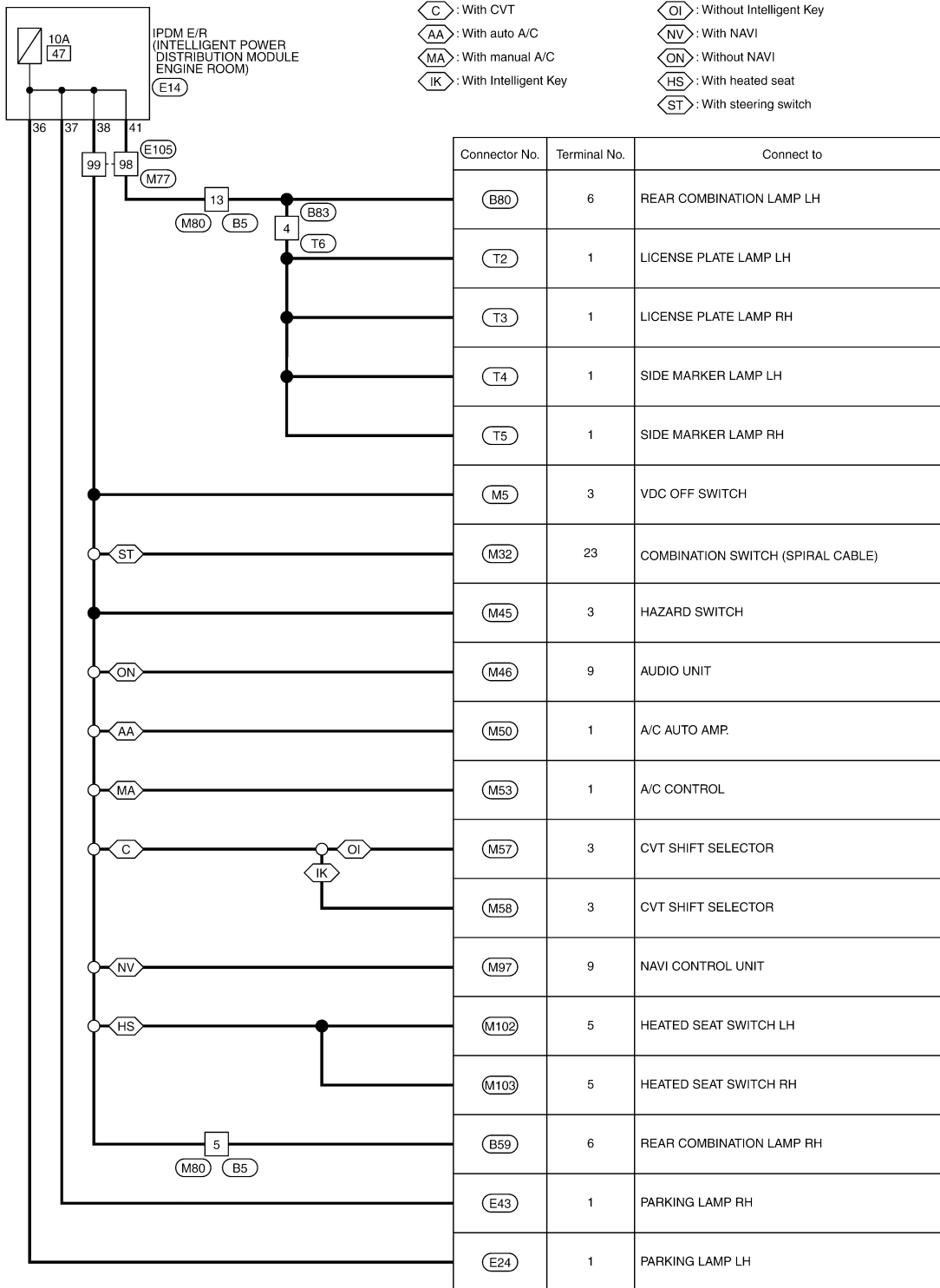
< DTC/CIRCUIT DIAGNOSIS >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 47 -

INFOID:000000007769399

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. 47



2011/10/07

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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

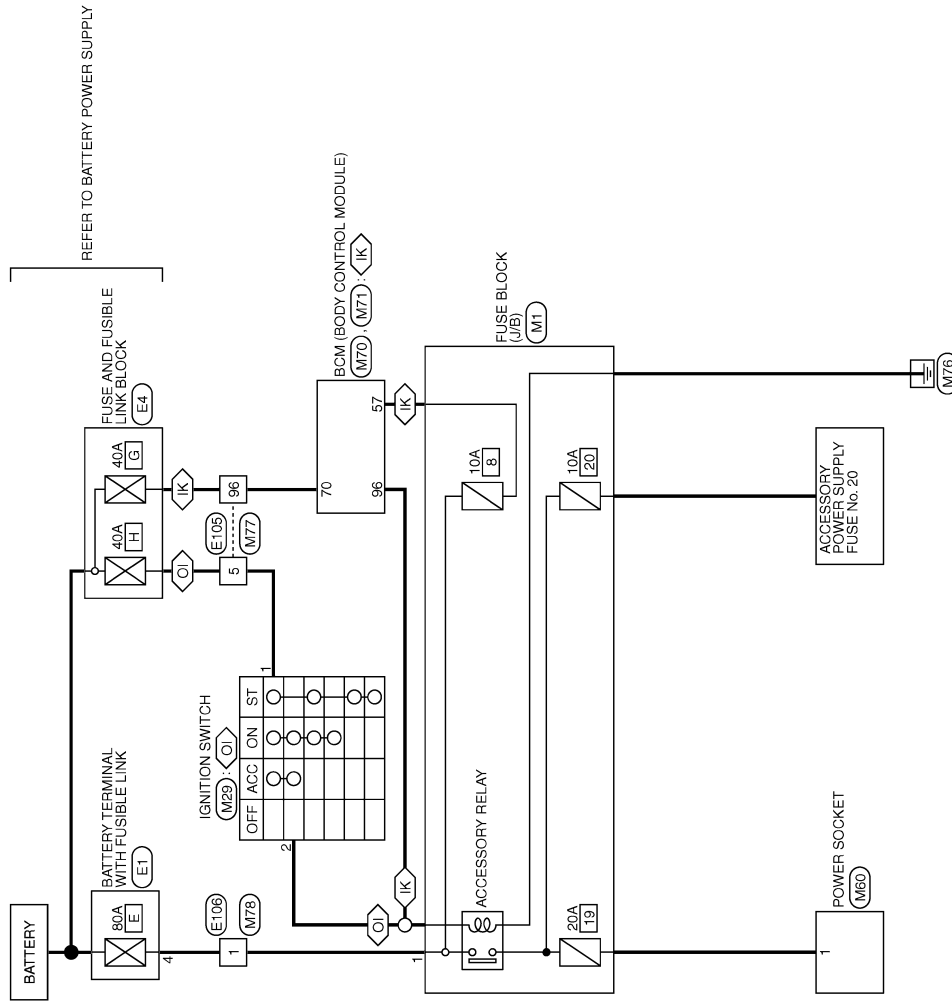
Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000007769400

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

 : With Intelligent Key
 : Without Intelligent Key



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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

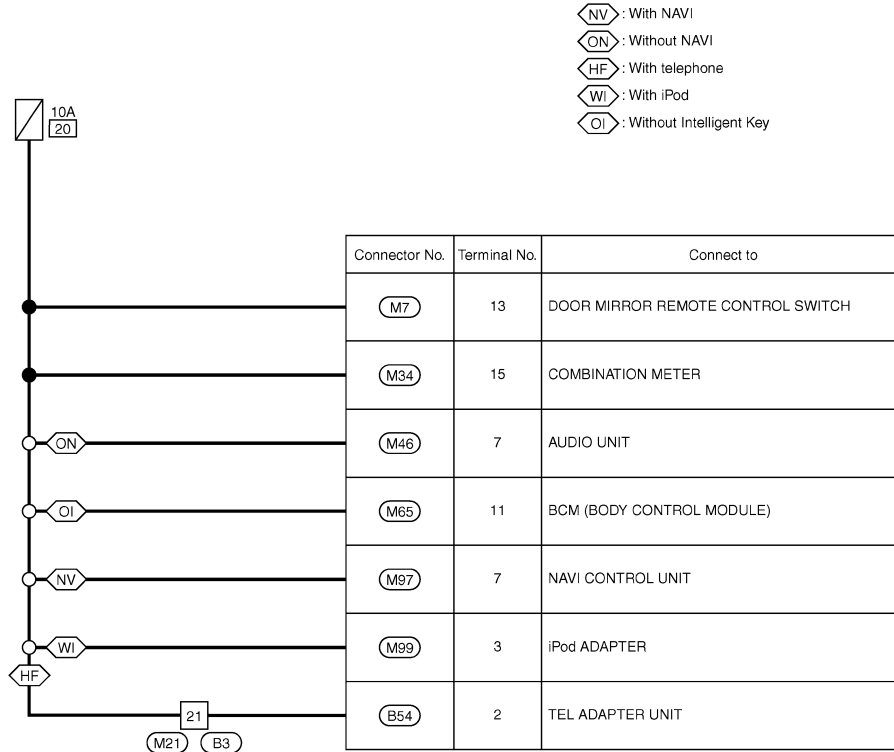
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 20 -

INFOID:000000007769401

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



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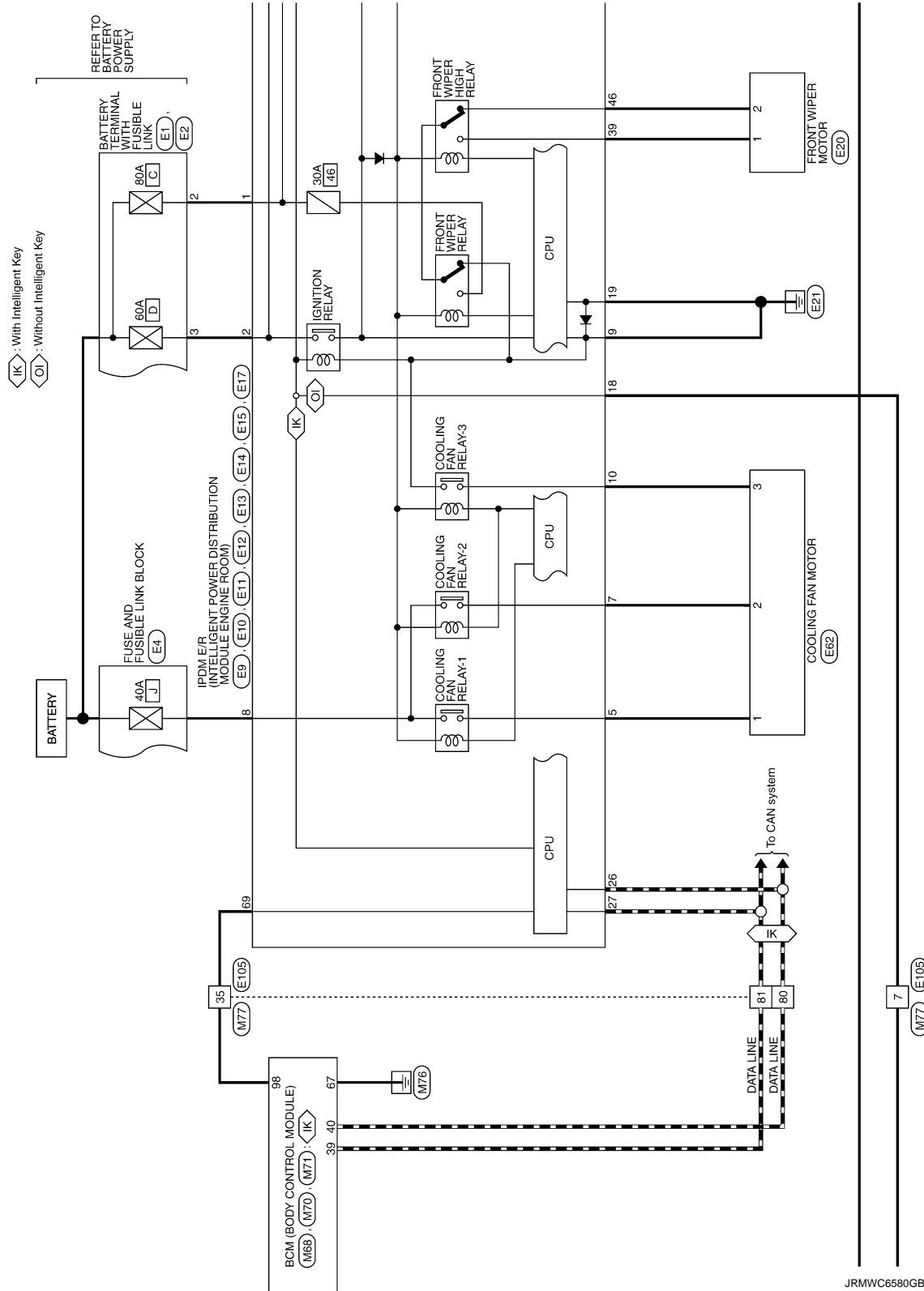
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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]



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
POWER SUPPLY ROUTING CIRCUIT

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






[POWER SUPPLY & GROUND CIRCUIT]

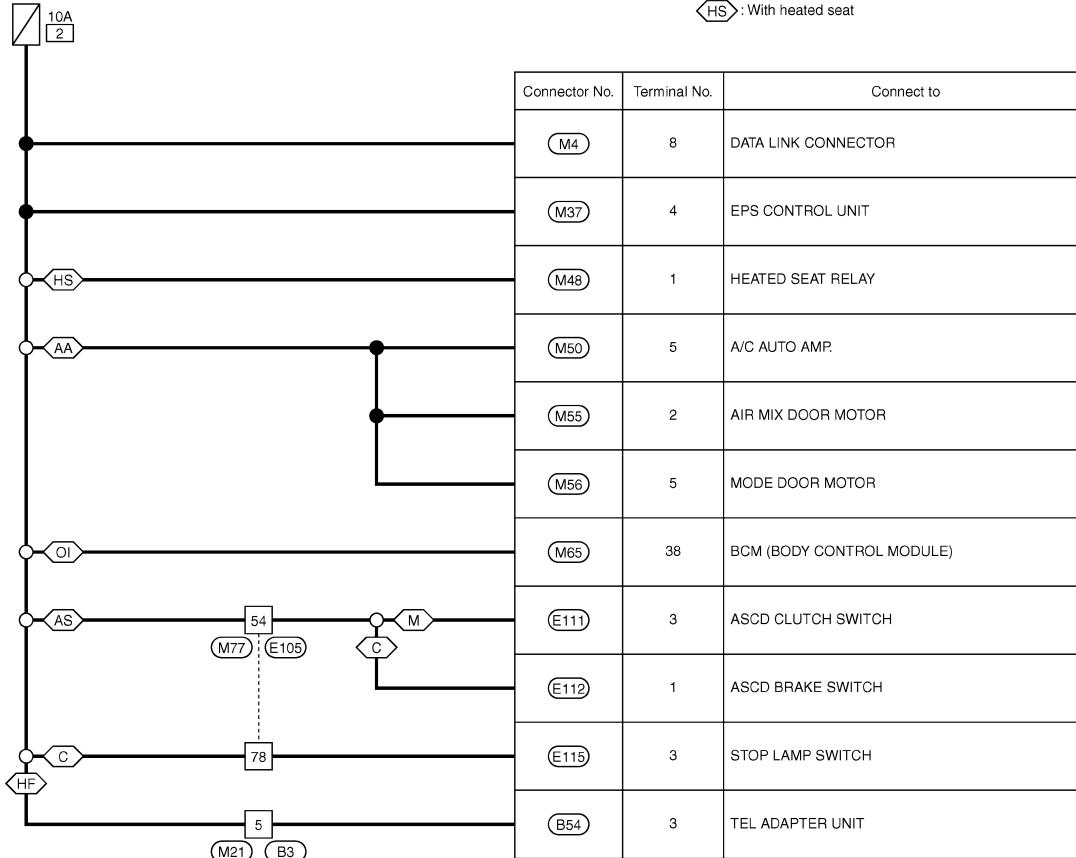
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 2 -

INFOID:000000007769403

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. 2

-  : With CVT
-  : With M/T
-  : With ASCD
-  : With telephone
-  : With auto A/C
-  : Without Intelligent Key
-  : With heated seat



2010/10/14

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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >



[POWER SUPPLY & GROUND CIRCUIT]

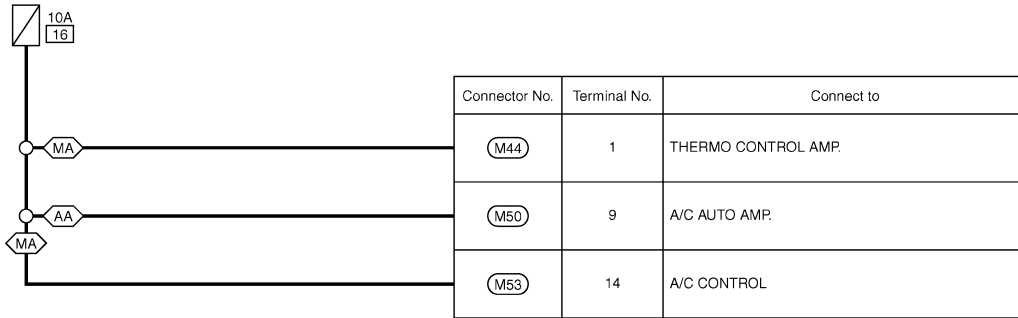
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 16 -

INFOID:000000007769404

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. 16

 : With auto A/C
 : With manual A/C



2009/10/02

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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

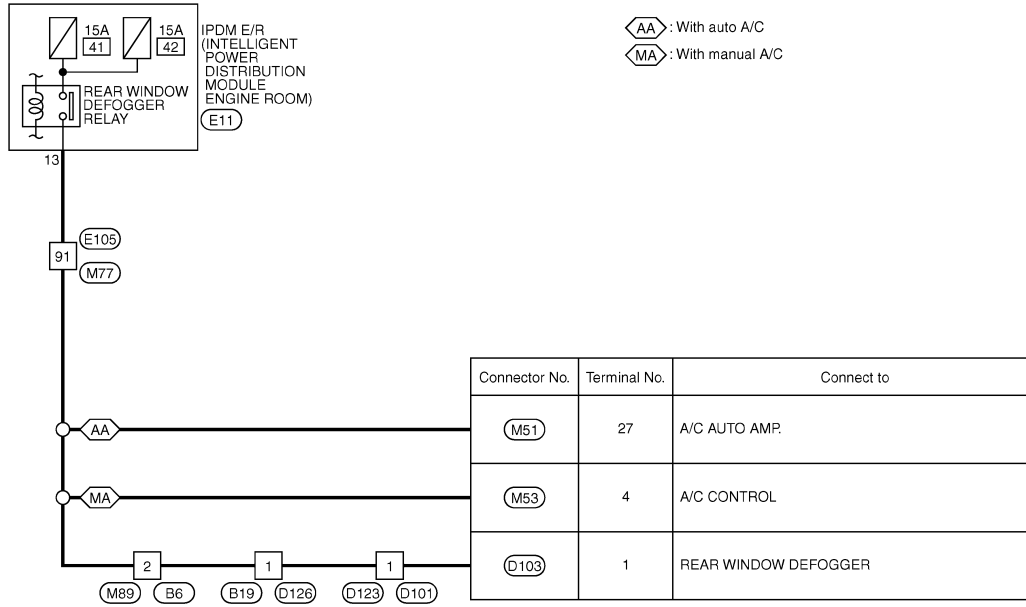
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 41, 42 -

INFOID:000000007769405

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. 41, 42



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
POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

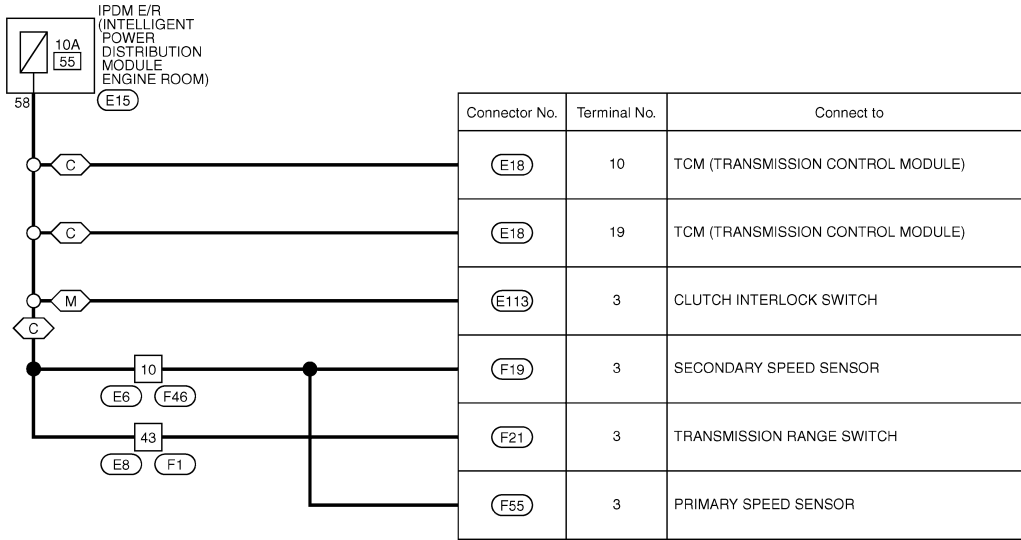
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 55 -

INFOID:000000007769406

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. 55

 : With CVT
 : With M/T



2009/02/27

JCMWM4154GB


POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

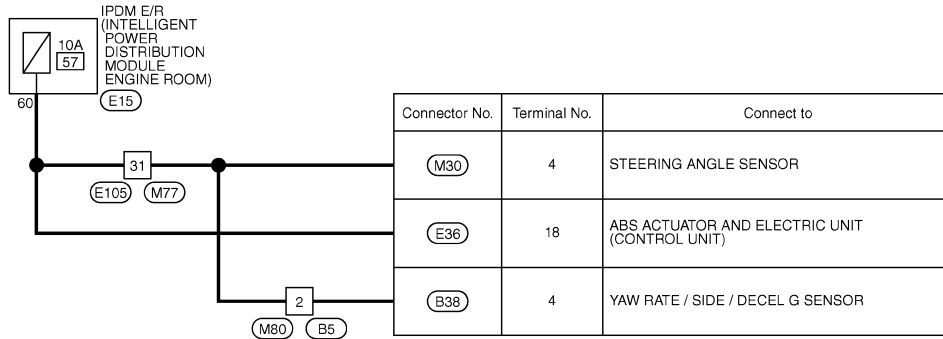
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 57 -

INFOID:000000007769407

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. 57



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2009/02/27

JCMWM4157GB


POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

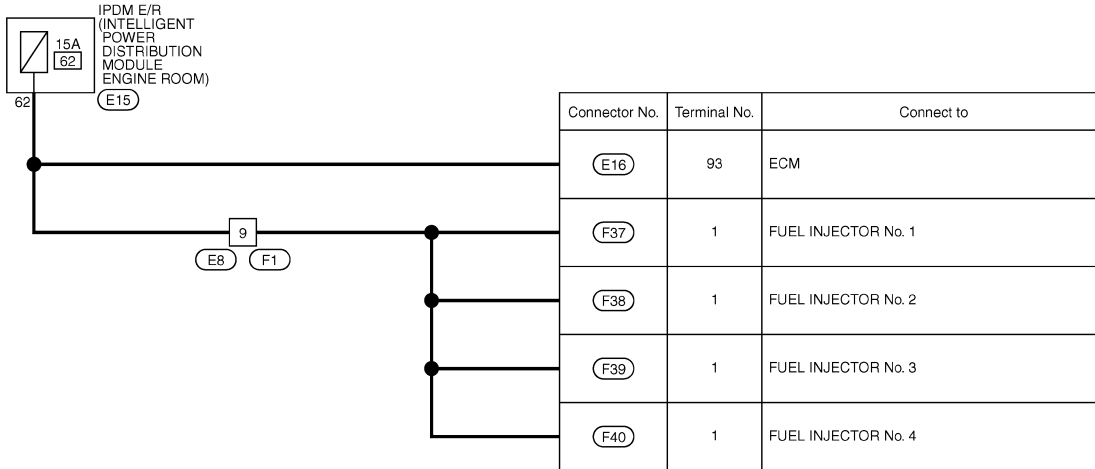
[POWER SUPPLY & GROUND CIRCUIT]

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 62 -

INFOID:000000007769408

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. 62



2009/02/27

JCMWM4159GB

POWER SUPPLY ROUTING CIRCUIT

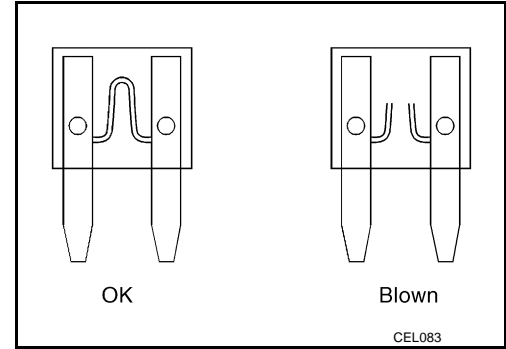
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Fuse

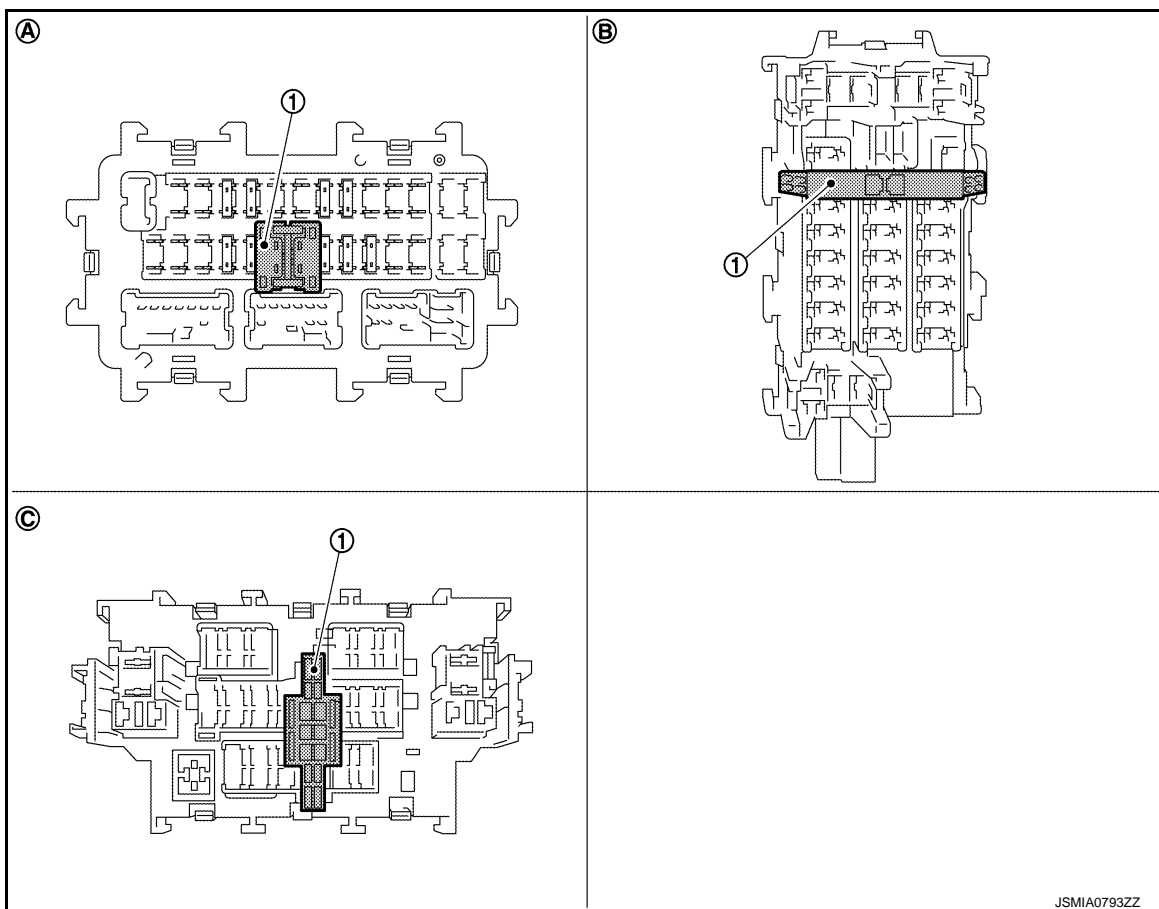
INFOID:000000007769409

- 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

C. Type C

- 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:

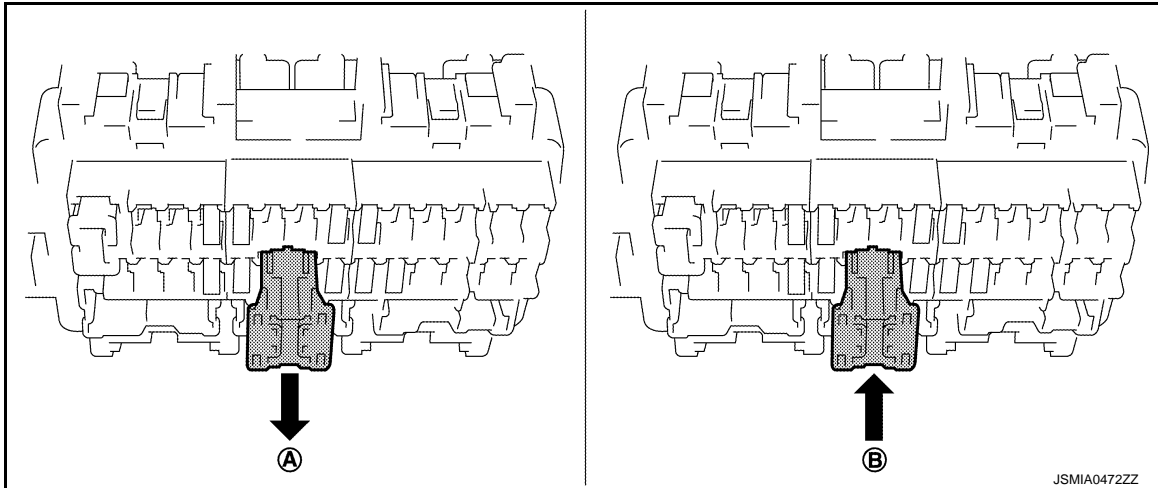
- Turn the ignition switch OFF when operating the extended storage switch.
- Under normal conditions, keep the extended storage switch in ON state. Never operate the extended storage switch except when necessary.

POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

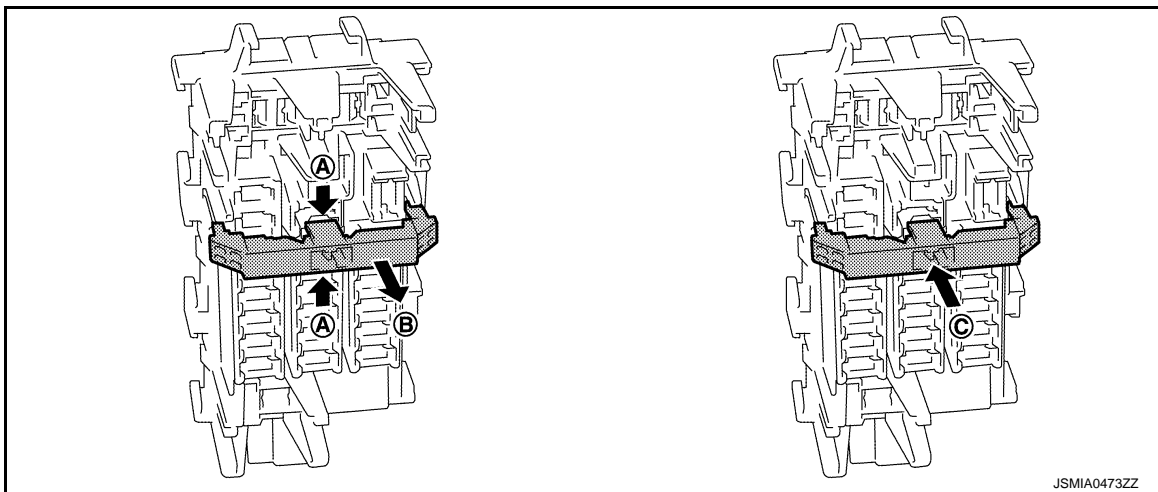
[POWER SUPPLY & GROUND CIRCUIT]

- Type A



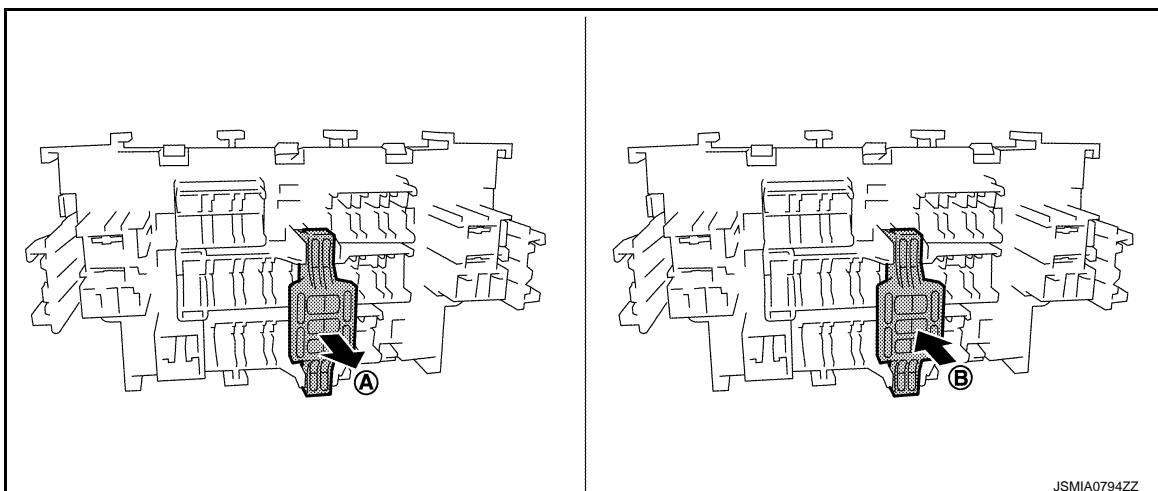
- To turn the extended storage switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage switch ON, press it in (B) direction as shown in the figure.

- 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.

- Type C



- 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.

How To Remove Extended Storage Switch

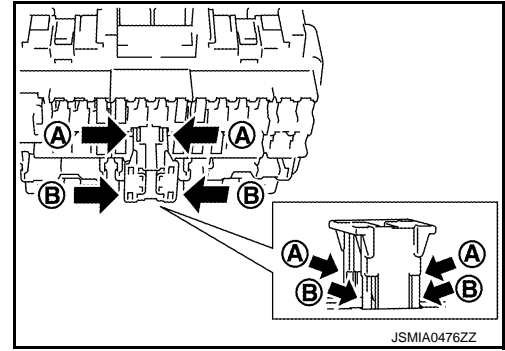
Type A

POWER SUPPLY ROUTING CIRCUIT

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

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.

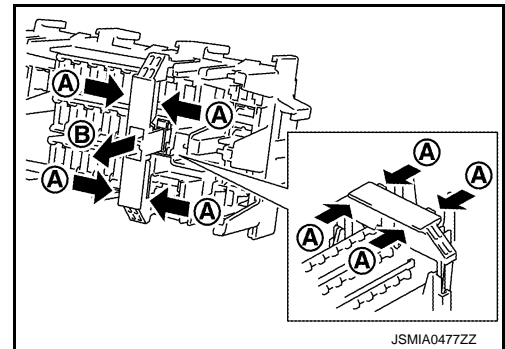


NOTE:

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

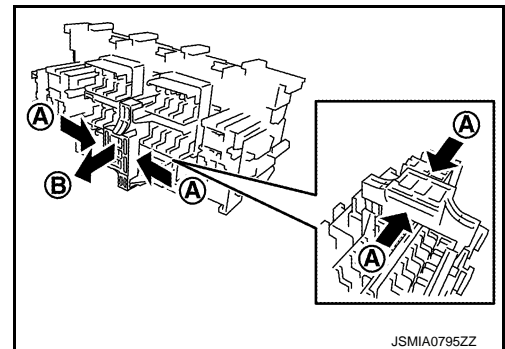


NOTE:

- 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.

Type C

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

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POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

Fusible Link

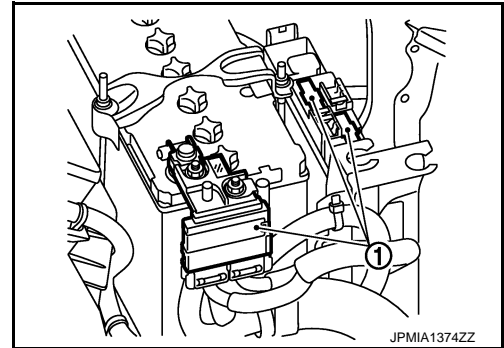
INFOID:000000007769410

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.

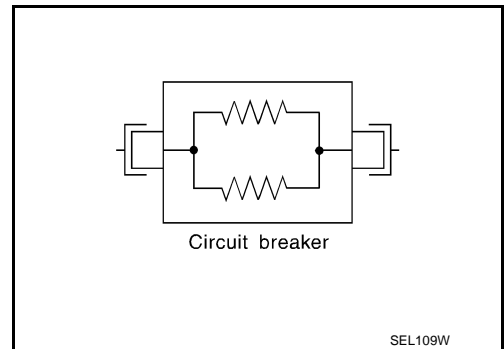


JPMIA1374ZZ

Circuit Breaker

INFOID:000000007769411

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.



SEL109W

OPTION HARNESS


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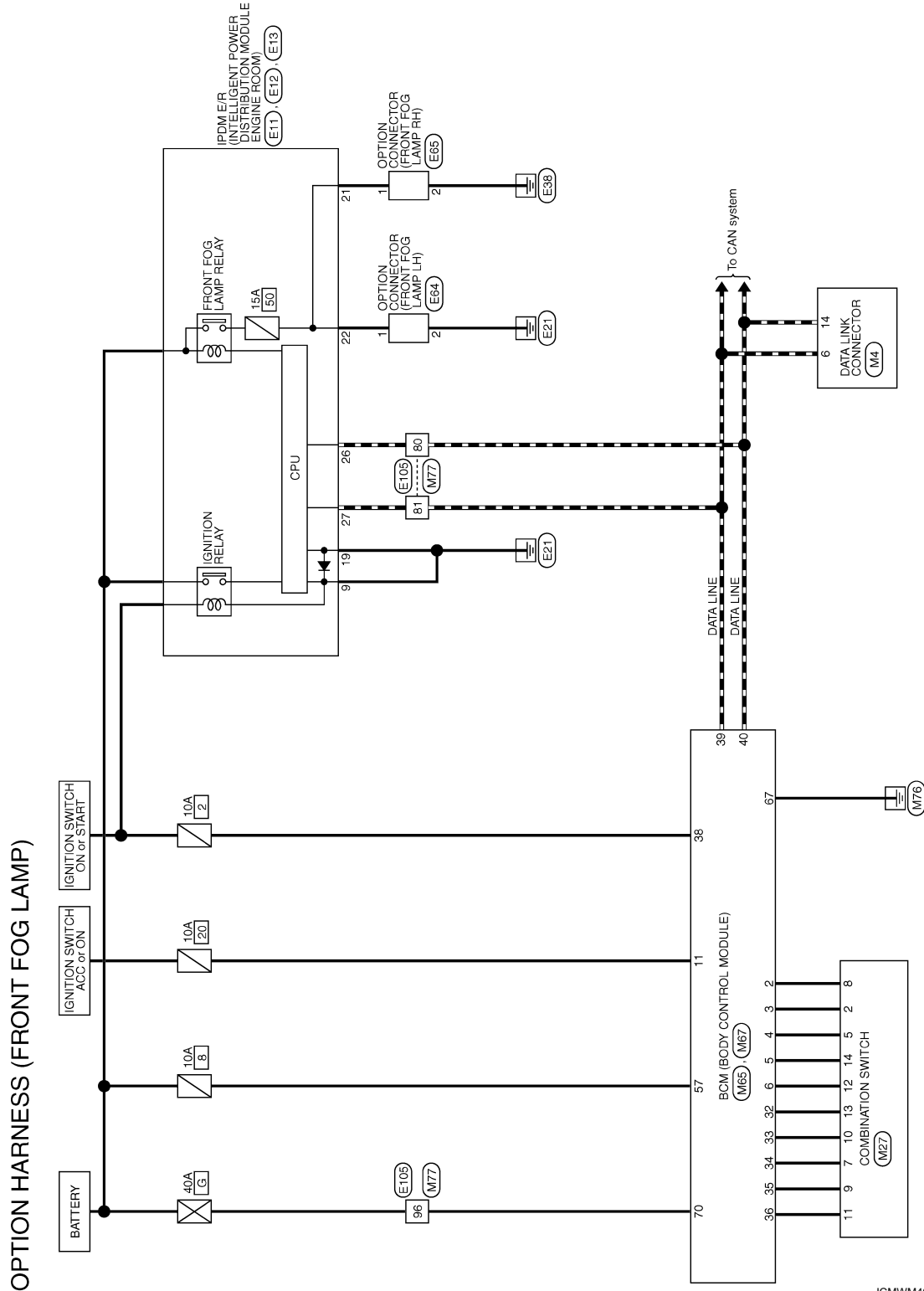
[POWER SUPPLY & GROUND CIRCUIT]

OPTION HARNESS

Wiring Diagram - OPTION HARNESS -

INFOID:000000007769412

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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HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >






[POWER SUPPLY & GROUND CIRCUIT]

HARNESS LAYOUT

How To Read Harness Layout

INFOID:000000007769413

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.	—			

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HARNESS LAYOUT

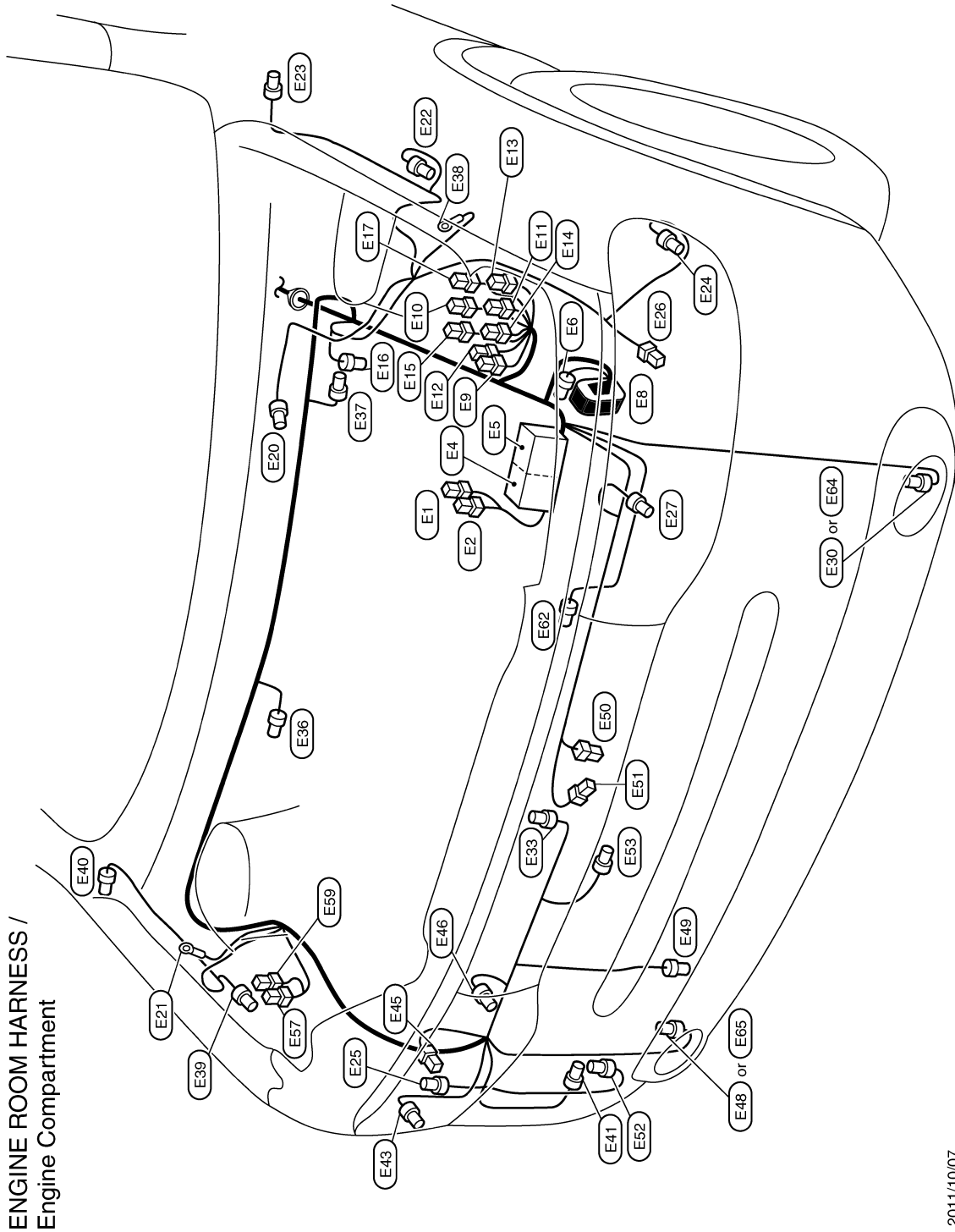
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Room Harness

INFOID:000000007769416

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment

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2011/10/07

JRMIC1010GB

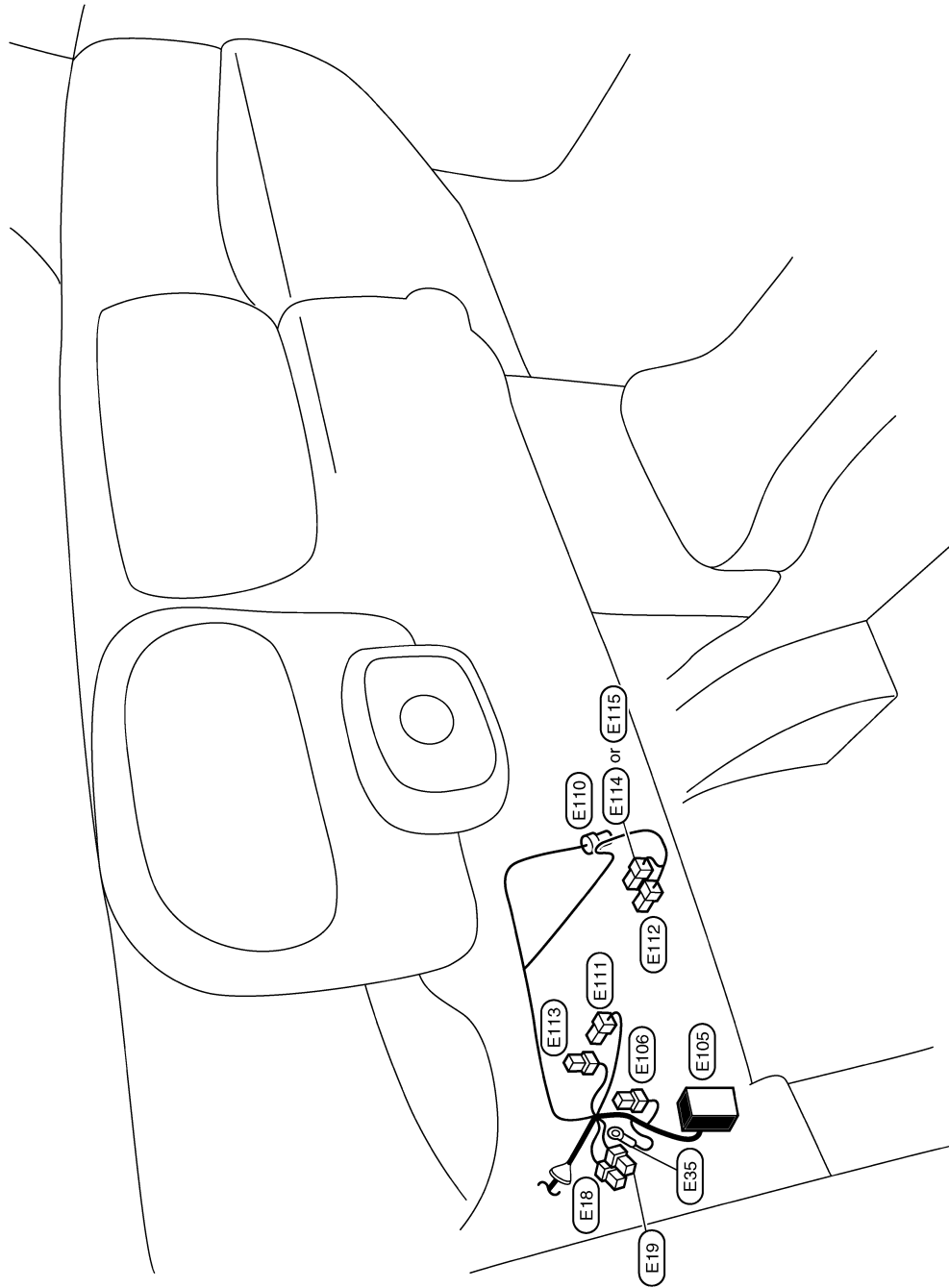
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

PASSENGER COMPARTMENT

Passenger Compartment



2011/10/07

JRMIC1011GB

HARNES LAYOUT

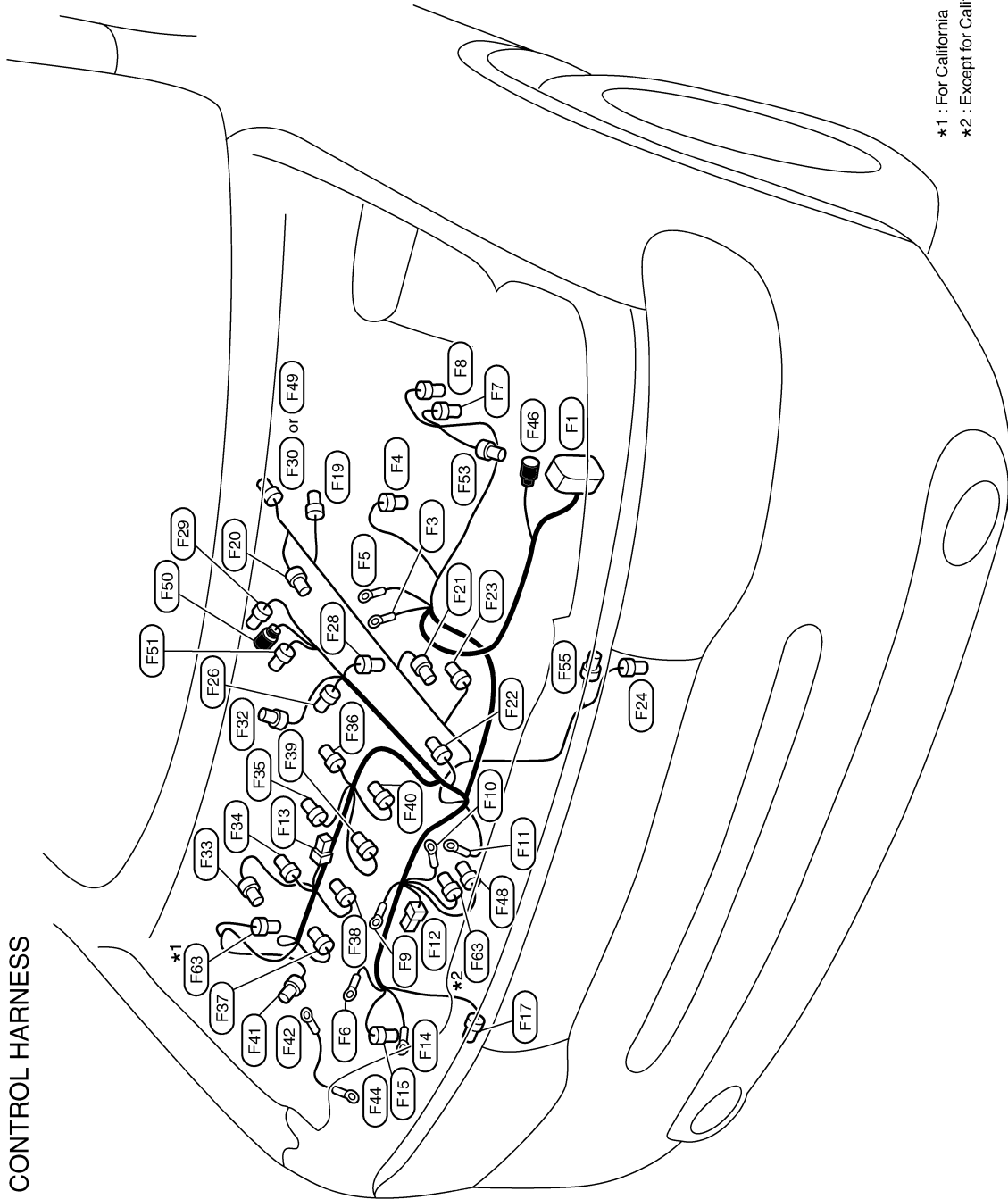
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Engine Control Harness

INFOID:000000007769417

ENGINE CONTROL HARNESS



*1 : For California
*2 : Except for California

2011/10/07

JRMIC1012GB

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HARNES LAYOUT

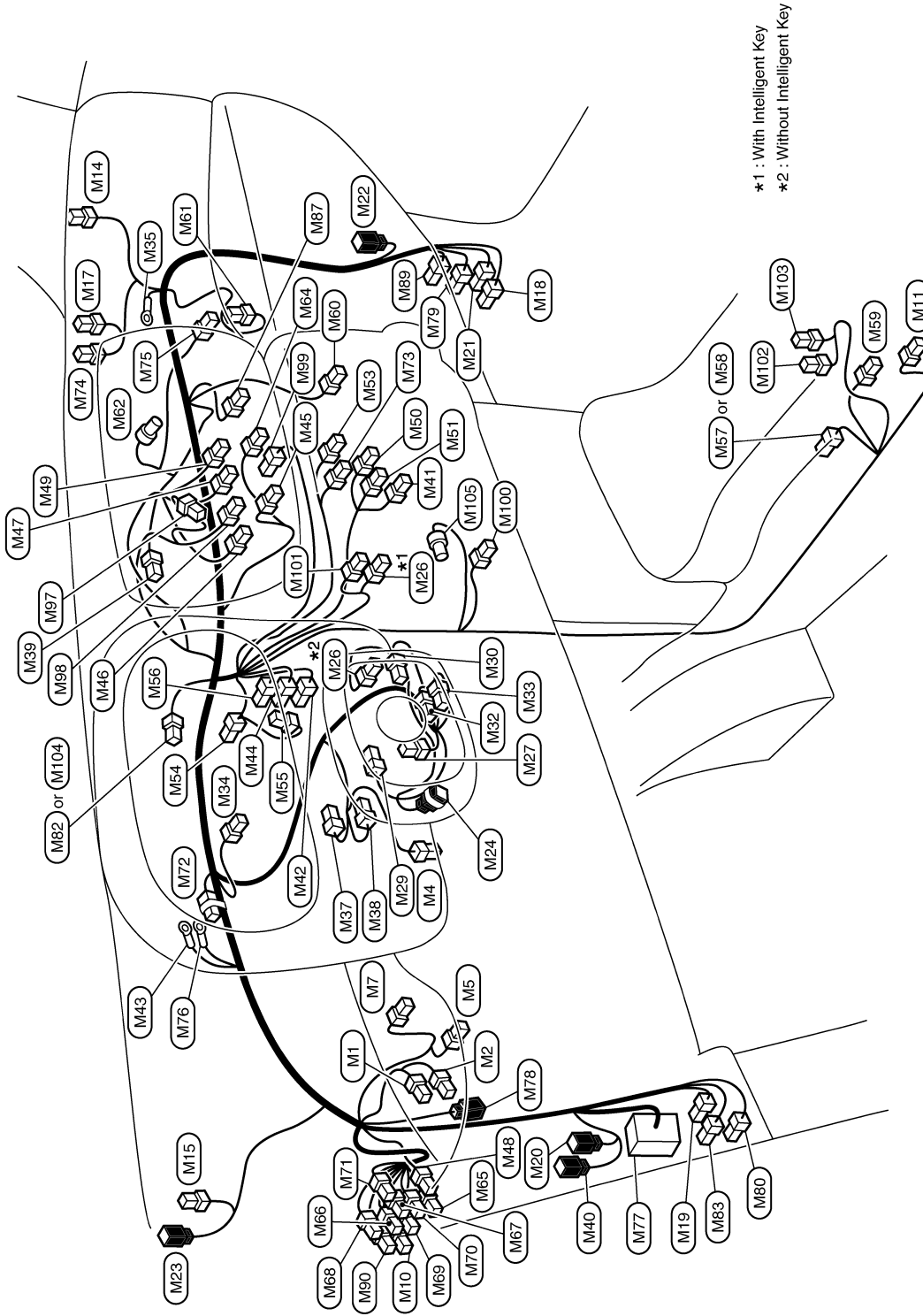
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Main Harness

INFOID:000000007769415

MAIN HARNESS



*1 : With Intelligent Key
*2 : Without Intelligent Key

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HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

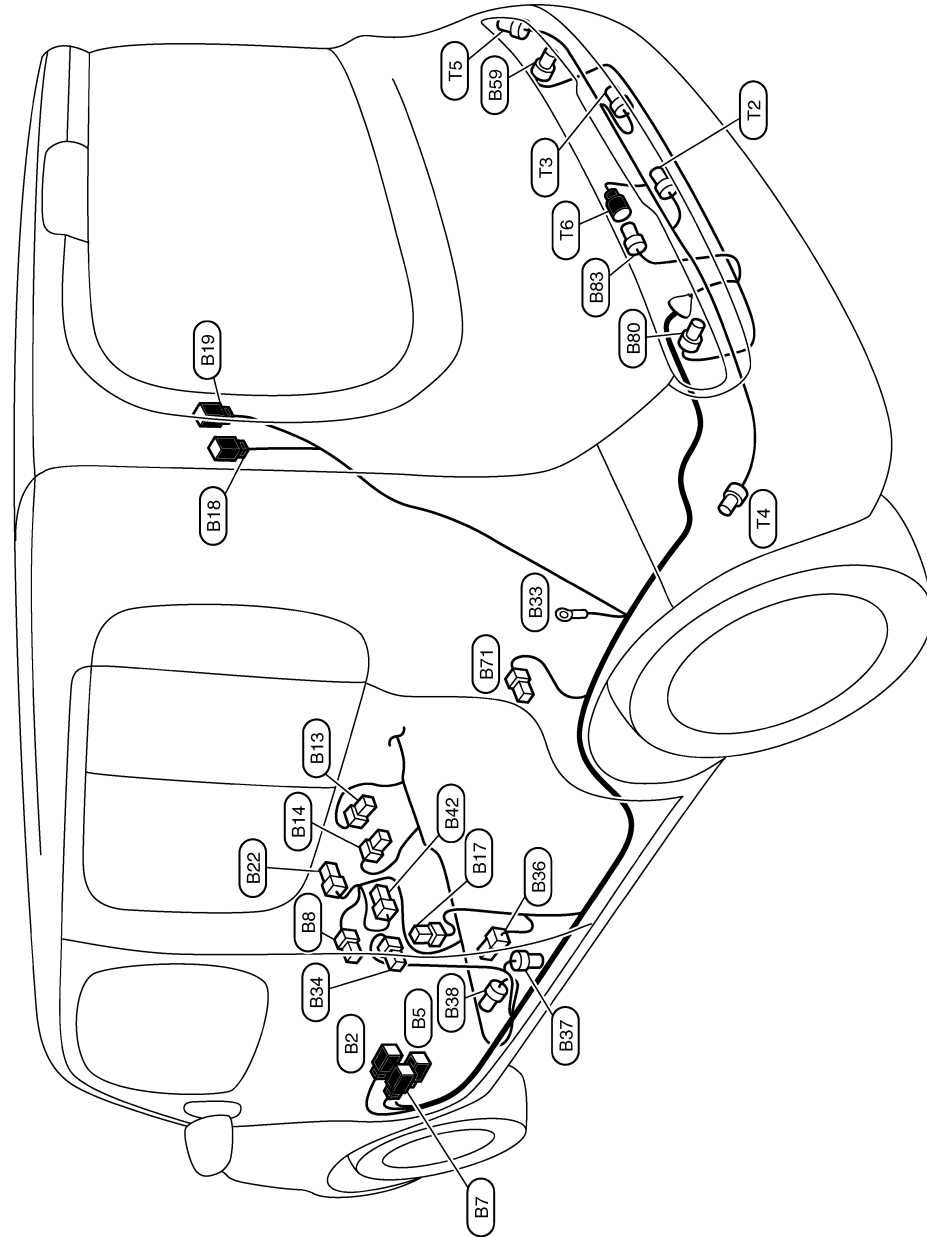
[POWER SUPPLY & GROUND CIRCUIT]

Body Harness / Tail Harness

INFOID:000000007769418

BODY HARNESS (LH SIDE) / TAIL HARNESS

BODY HARNESS (LH SIDE) / TAIL HARNESS



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JRMIC1013GB

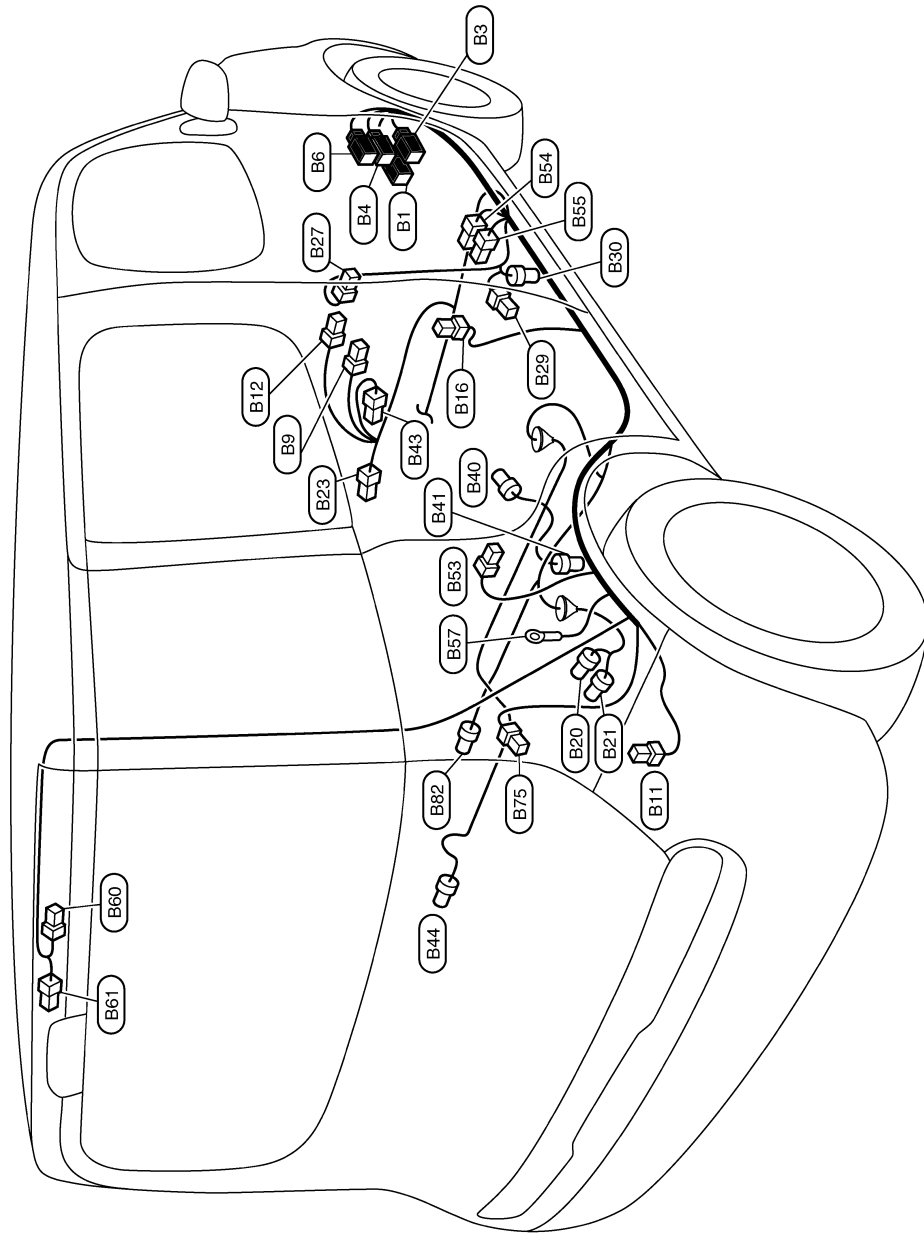
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HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS (RH SIDE)



BODY HARNESS (RH SIDE)

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HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

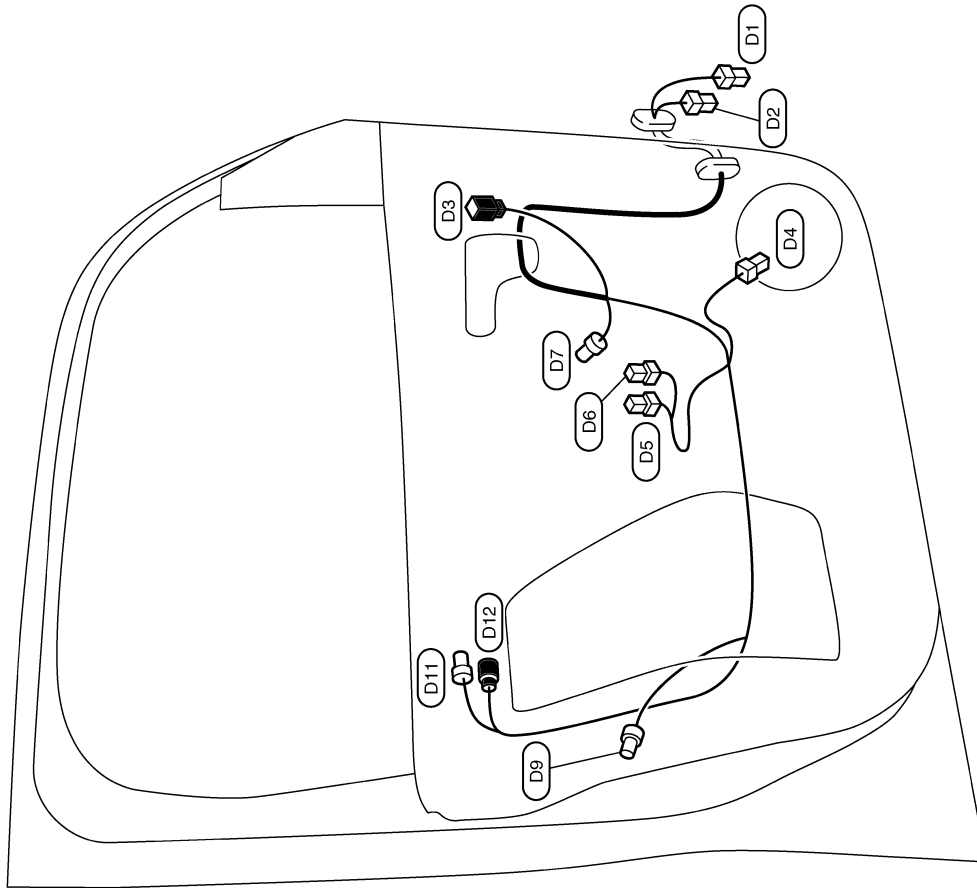
[POWER SUPPLY & GROUND CIRCUIT]

Door Harness

INFOID:000000007769421

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



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JRMIC1015GB

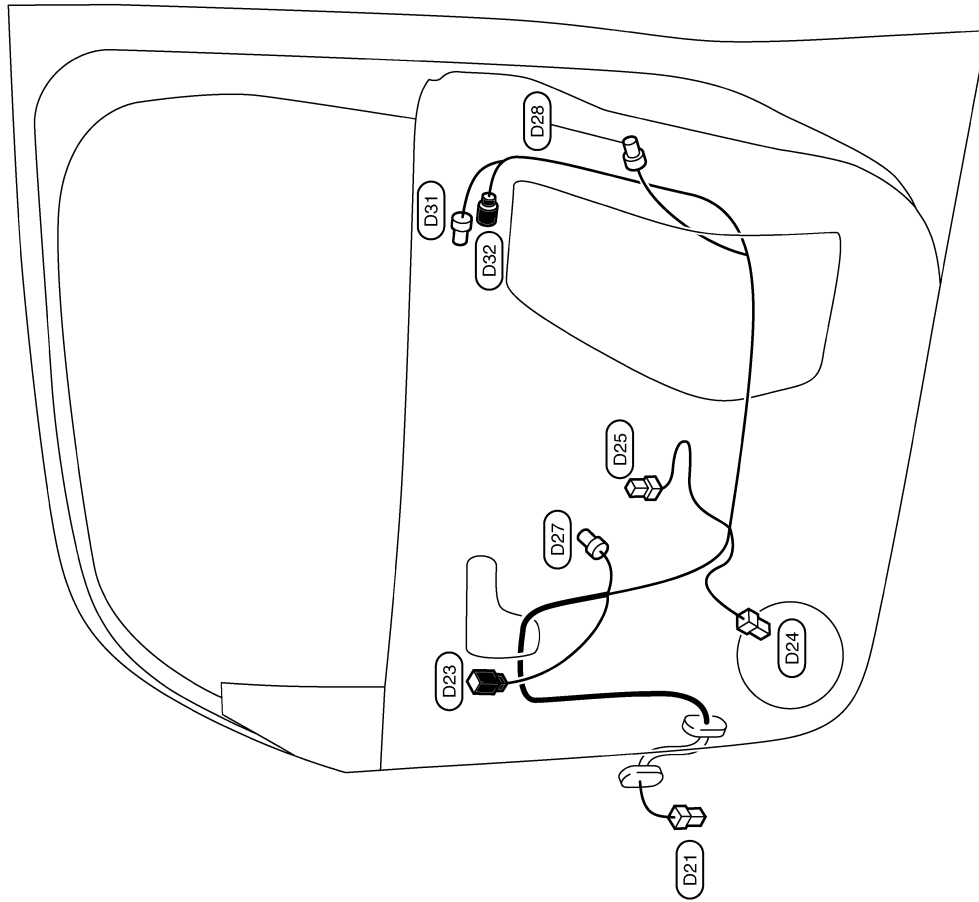
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



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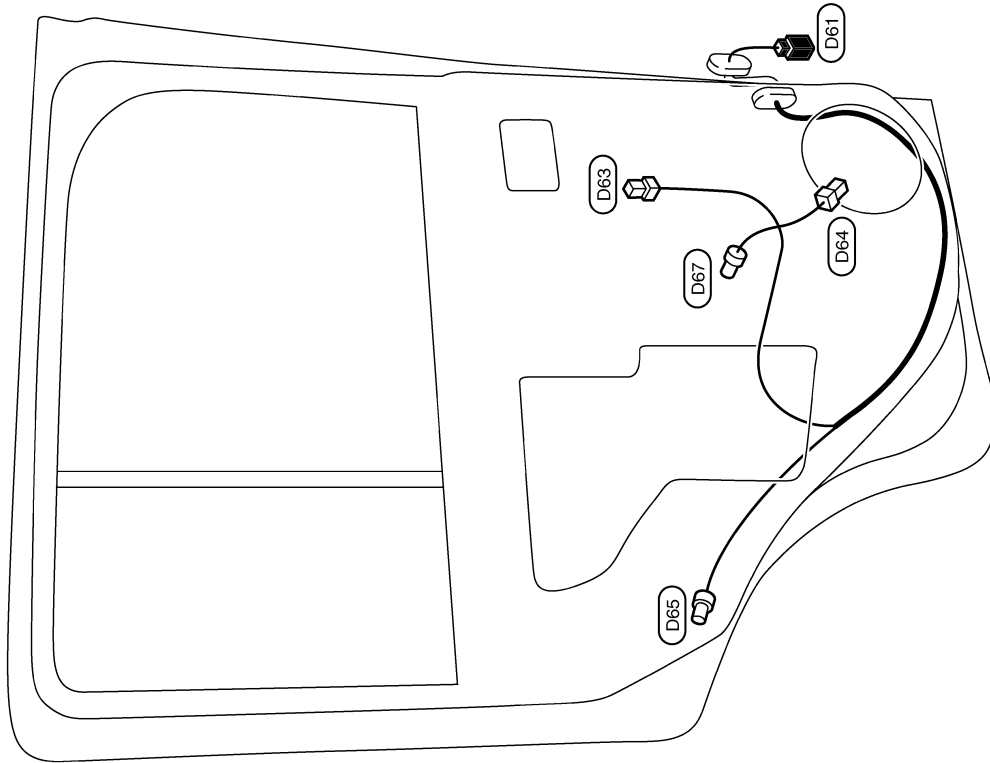
HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

REAR DOOR HARNESS (LH SIDE)

REAR DOOR HARNESS (LH SIDE)



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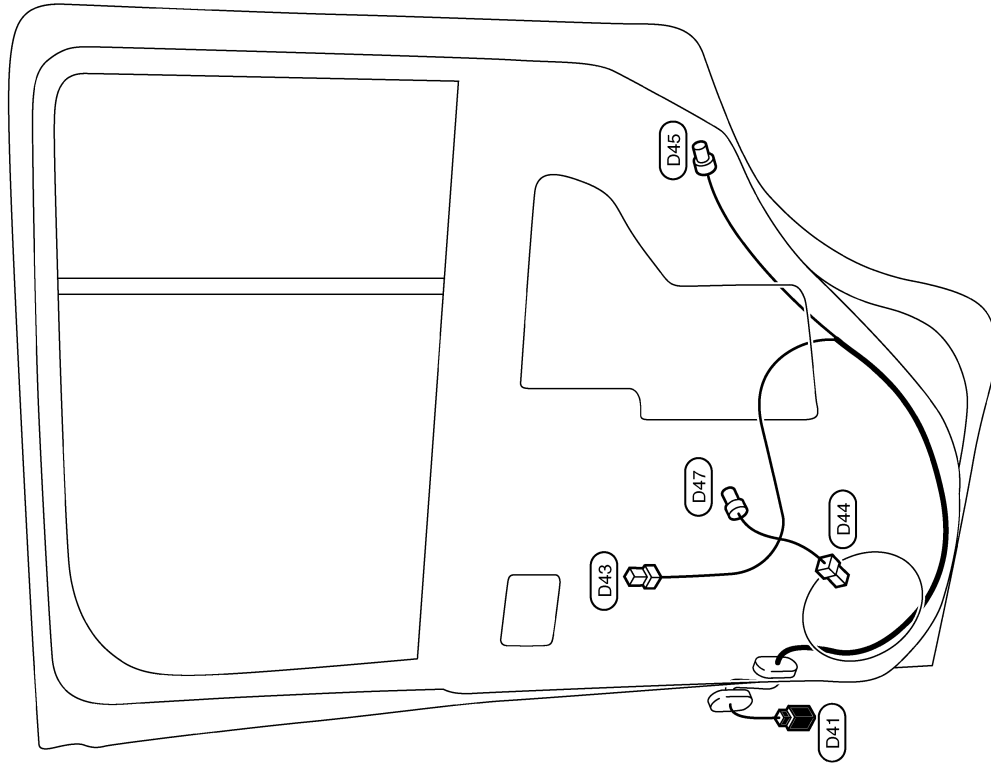
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

REAR DOOR HARNESS (RH SIDE)

REAR DOOR HARNESS (RH SIDE)



2009/10/02

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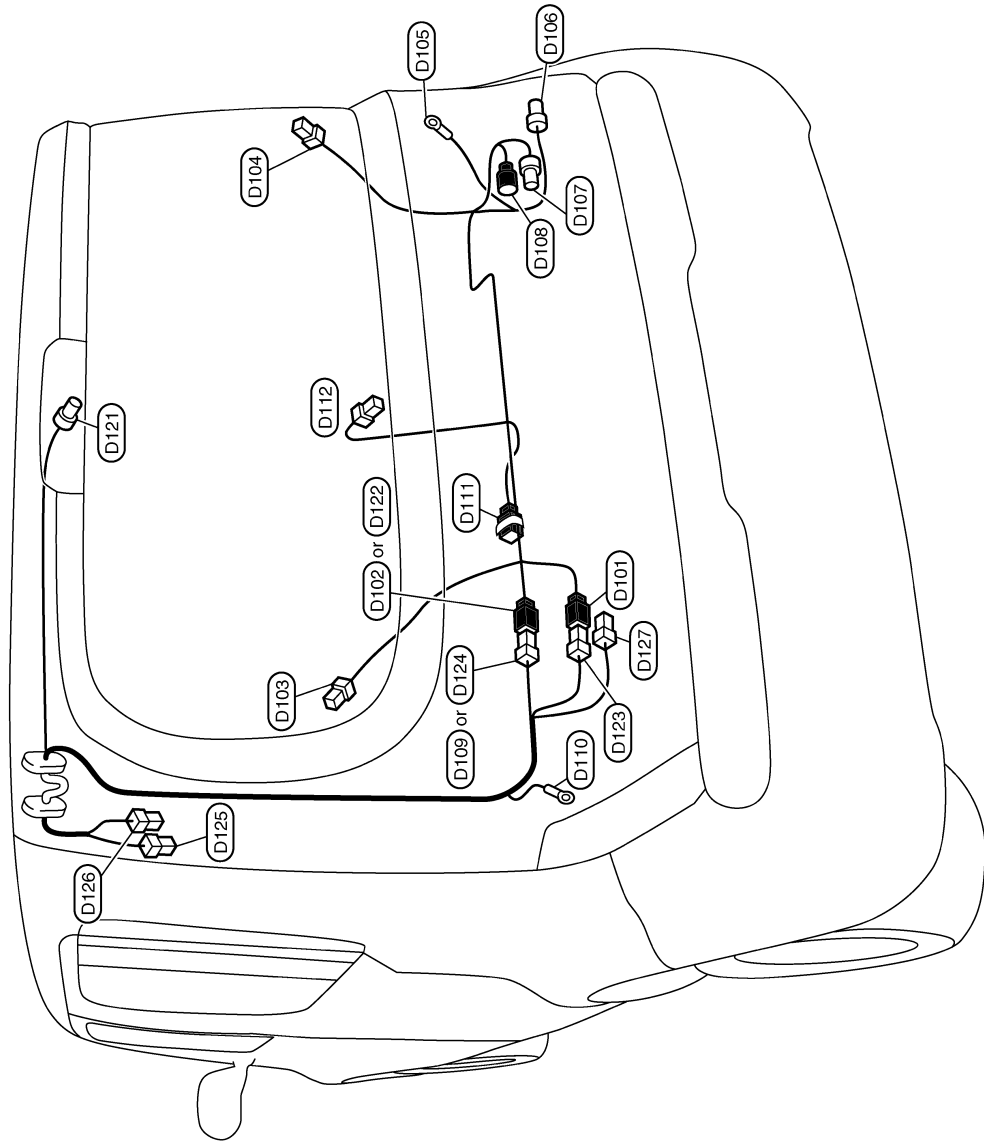
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BACK DOOR HARNESS

BACK DOOR HARNESS



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2011/10/07

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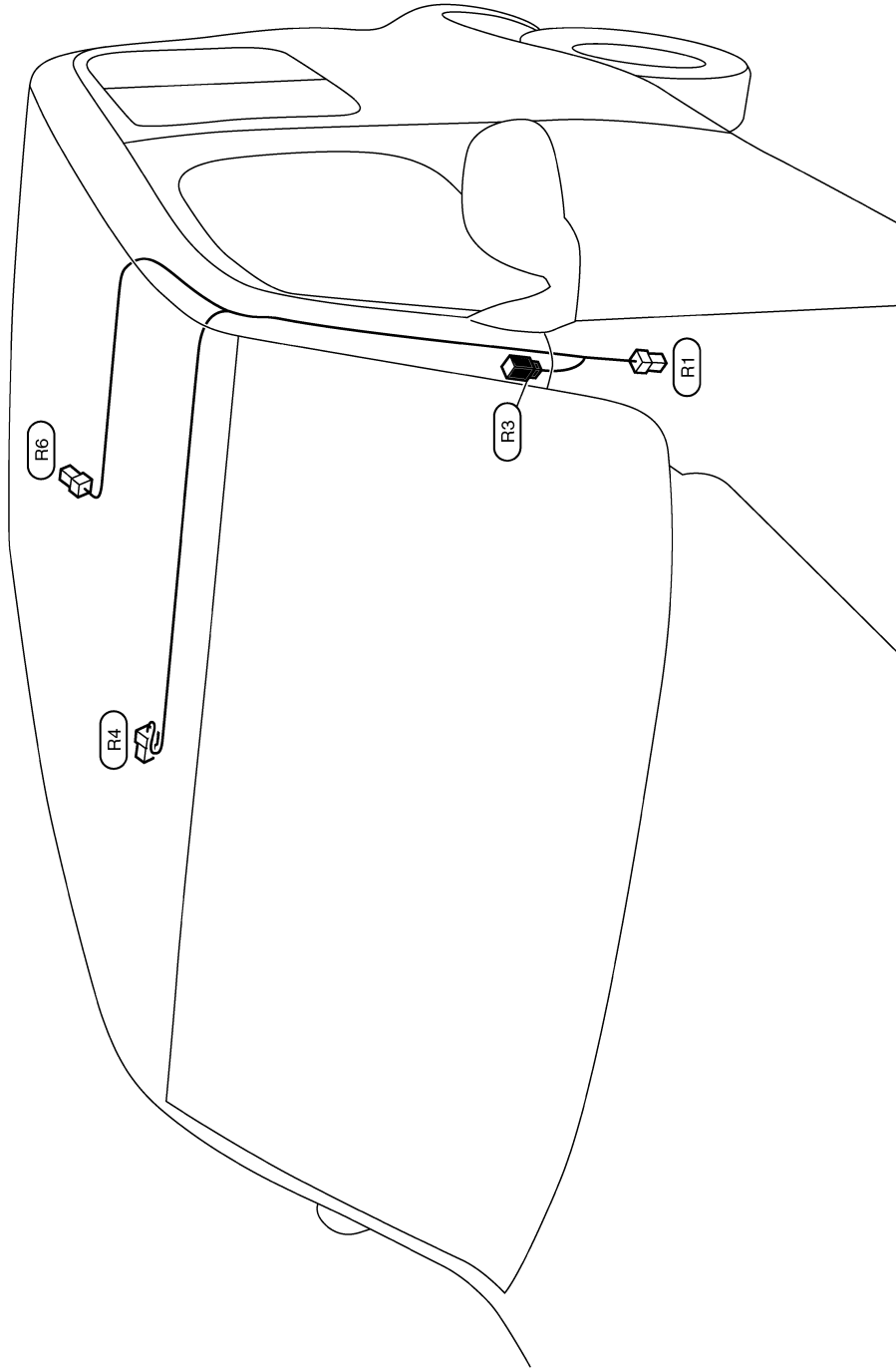
HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

Room Lamp Harness

INFOID:000000007769420



ROOM LAMP HARNESS

2009/02/27

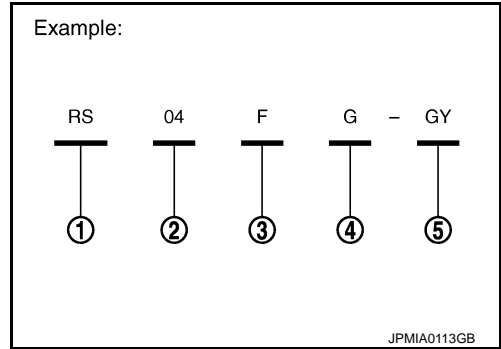
JCMIM0733GB

CONNECTOR INFORMATION

How to Read Connector Type

INFOID:000000007969661

- 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:000000007969662

BODY HARNESS

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

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

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

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

10	V	-
11	P	-
12	LG	-
14	R	-
15	Y	-
16	B	-



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

Connector No.	B3
Connector Name	WIRE TO WIRE
Connector Type	TH32MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	L	-
3	R	-
4	SHIELD	-
5	LG	-
6	SB	-
7	P	-
14	G	-
15	SB	-
16	SB	-
17	LG	-
18	SHIELD	-
19	BR	-
20	Y	-
21	L	-
22	O	-
23	GR	-
24	L	-
30	R	-
32	LG	-

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



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

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

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



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

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

Connector No.	B5
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH



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

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

6	W	-
8	LG	-
9	R	-
11	O	-
13	GR	-
14	P	-
16	W	-

Connector No.	B6
Connector Name	WIRE TO WIRE
Connector Type	MMMW-LC



1	2
3	4

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

Connector No.	B7
Connector Name	WIRE TO WIRE
Connector Type	TH24MW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
4	R	-
5	Y	-
6	G	-
7	L	-
11	O	-
12	W	-
16	BR	-
18	Y	-
19	SHIELD	-
24	R	-

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

BODY HARNESS

Connector No.	B8
Connector Name	SIDE AIR BAG MODULE LH
Connector Type	TH0ZFV-EX-IV



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

Connector No.	B9
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TH0ZFV-EX-IV



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

Connector No.	B11
Connector Name	LUGGAGE ROOM LAMP
Connector Type	CJ04FW



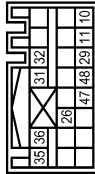
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-

Connector No.	B12
Connector Name	OCCUPANT DETECTION SYSTEM CONTROL UNIT
Connector Type	TH04FW-RH



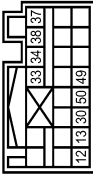
Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	B	-
3	V	-
4	R	-

Connector No.	B13
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH2ZFV-IV-EX



Terminal No.	Color of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y	PRH (-)
26	V	OQS INRUT
28	LG	RH BUCKLE SW INPUT
31	Y	SRH (+)
32	Y	SRH (-)
35	P	CRH (+)
36	L	CRH (-)
47	G	SATELLITE RH (+)
48	R	SATELLITE RH (-)

Connector No.	B14
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH2ZFV-EX



Terminal No.	Color of Wire	Signal Name [Specification]
12	Y	PLH (+)
13	Y	PLH (-)
30	O	LH BUCKLE SW INPUT
33	Y	SLH (+)
34	Y	SLH (-)
37	G	CLH (+)
38	R	CLH (-)
49	P	SATELLITE LH (+)
50	L	SATELLITE LH (-)

Connector No.	B16
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
4	L	-
5	G	-
7	GR	-
8	LG	-
9	W	-
10	Y	-

Connector No.	B17
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
4	L	-
5	G	-
7	L	-
8	V	-
9	R	-
10	O	-

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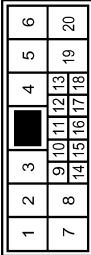




























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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B18			
WIRE TO WIRE			
NH10MM-CS10			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	V		
3	BR		
5	R		
6	P		
7	B		
8	G		
9	B		
10	Y		
11	G		
12	W		
13	R		
14	Y		
15	O		
16	L		
17	R		
18	BR		
20	LG		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B19			
WIRE TO WIRE			
M4MMW-LC			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	R		
3	B		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B20			
EVAP CANISTER VENT CONTROL VALVE			
EQ2FB-RS			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	V		
2	L		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B21			
EVAP CONTROL SYSTEM PRESSURE SENSOR			
EQ3FY-RS			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	O		
2	V		
3	W		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B22			
SEAT BELT BUCKLE SWITCH (DRIVER SIDE)			
A03FW			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	O		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B23			
SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)			
A03FW			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	LG		
2	B		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B24			
FRONT DOOR SWITCH (PASSENGER SIDE)			
THQ4FW-NH			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	LG		
2	B		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B25			
SEAT BELT PRE-TENSIONER RH			
AG09EY			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	SB		
3			
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B30			
SATELLITE SENSOR RH			
HK02FY-1V-EX			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	Y		
2	Y		
			
Connector No.	Color of Wire	Terminal No.	Signal Name [Specification]
B34			
FRONT DOOR SWITCH (DRIVER SIDE)			
THQ4FW-NH			
 			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
1	G		
2	R		
			
Terminal No.	Color of Wire	Terminal No.	Signal Name [Specification]
3	LG		

JRMWC6584GB

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B35
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	ACB02FY



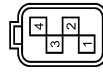
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B37
Connector Name	SATELLITE SENSOR LH
Connector Type	HK0ZFY-IV-EX



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

Connector No.	B38
Connector Name	YAW RATE / SIDE / DECEL G SENSOR
Connector Type	AZ04FB



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

3	V	-
4	GR	-

Connector No.	B40
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP
Connector Type	EG0FY-RS



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

Connector No.	B41
Connector Name	REAR WHEEL SENSOR RH
Connector Type	AAZ02FB1



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

Connector No.	B42
Connector Name	HEATED SEAT LH
Connector Type	NS03FW-CS



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

Connector No.	B43
Connector Name	HEATED SEAT RH
Connector Type	NS03FW-CS



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

Connector No.	B44
Connector Name	REAR WHEEL SENSOR LH
Connector Type	AAZ02FB1



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

1	BR	-
2	G	-

Connector No.	B53
Connector Name	REAR DOOR SWITCH RH
Connector Type	TH04FW-RH



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

BODY HARNESS

Connector No.	B54
Connector Name	TEL ADAPTER UNIT
Connector Type	TH82FW-NH



2	4	8	10	12	14	18	20	22	24	28
1	3	7	9	11	13	17	19	21	23	27
28	27	26	25	24	23	22	21	20	19	18

Terminal No.	Color of Wire	Signal Name [Specification]
1	R	BATTERY
2	L	ACC
3	LG	IGNITION
4	B	GROUND
7	L	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE SIGNAL GND
9	BR	SOUND SIGNAL (+)
10	Y	SOUND SIGNAL (-)
11	SB	TEL ON SIGNAL
12	W	STRG SW A
13	SB	STRG SW B
14	GR	STRG SW GND
17	GR	STRG SW A
18	P	STRG SW B
19	L	STRG SW GND
20	B	CONTROL SIGNAL
21	B	CONTROL SIGNAL
22	B	CONTROL SIGNAL
23	B	CONTROL SIGNAL
24	B	CONTROL SIGNAL
27	B	CONTROL SIGNAL
28	O	VEHICLE SPEED (2-PULSE)
29	R	MICROPHONE VCC

Connector No.	B55
Connector Name	TEL ADAPTER UNIT
Connector Type	TH88FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
35	SB	AV COMM (H)
36	LG	AV COMM (L)
39	Y/R	-
40	Y/R	-
41	SB	-
42	SB	-

Connector No.	B59
Connector Name	REAR COMBINATION LAMP RH
Connector Type	RS38FB-PR



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

Connector No.	B60
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	AGB02FOR



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

Connector No.	B61
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	AGB02FOR



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

Connector No.	B71
Connector Name	REAR DOOR SWITCH LH
Connector Type	TR04FW-NH



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

Connector No.	B75
Connector Name	BACK DOOR SWITCH
Connector Type	TR04FW-NH



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

Connector No.	B80
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RS38FB-PR



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

Connector No.	B82
Connector Name	INSIDE KEY ANTENNA (LUGGAGE ROOM)
Connector Type	PK02FL



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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BODY HARNESS

Connector No.	B251
Connector Name	WIRE TO WIRE
Connector Type	RH0MEB



Terminal No.	Color	Signal Name [Specification]
2	B	-
4	GR	-

Connector No.	B251
Connector Name	TEL ADAPTER UNIT
Connector Type	GT16C-IS-HU



Terminal No.	Color	Signal Name [Specification]
33	-	TEL ANTENNA SIGNAL
34	-	SHIELD

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

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DOOR HARNESS

Connector No.	D1
Connector Name	WIRE TO WIRE
Connector Type	NH1DFW-CS10

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

Connector No.	D2
Connector Name	WIRE TO WIRE
Connector Type	NS10DFW-CS

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

Connector No.	D3
Connector Name	DOOR MIRROR (DRIVER SIDE)
Connector Type	TH8BMW-NH

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

Connector No.	D4
Connector Name	FRONT DOOR SPEAKER LH
Connector Type	NS30ZFW-CS

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

Connector No.	D5
Connector Name	POWER WINDOW MAIN SWITCH
Connector Type	NS18DFW-CS

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

Connector No.	D6
Connector Name	POWER WINDOW MAIN SWITCH
Connector Type	NS30DFW-CS

Terminal No.	Color of Wire	Signal Name [Specification]
17	B	-
18	GR	-
19	P	-

Connector No.	D7
Connector Name	FRONT POWER WINDOW MOTOR (DRIVER SIDE)
Connector Type	RS8DFG

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

Connector No.	D9
Connector Name	FRONT DOOR LOCK ASSEMBLY (DRIVER SIDE)
Connector Type	EB8DFG-RS

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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

DOOR HARNESS

Connector No.	D11
Connector Name	FRONT DOOR REQUEST SWITCH (DRIVER SIDE)
Connector Type	RK0ZFGY



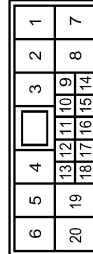
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	BR	-

Connector No.	D12
Connector Name	OUTSIDE KEY ANTENNA (DRIVER SIDE)
Connector Type	RK0ZMZY



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

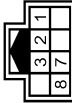
Connector No.	D21
Connector Name	WIRE TO WIRE
Connector Type	NT10FW-CS10



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

4	B	-
5	L	-
6	SB	-
7	R	-
8	V	-
9	R	-
10	W	-
11	L	-
12	LG	-
13	P	-
14	B	-
15	G	-
16	GR	-
17	BR	-
18	V	-
20	W	-

Connector No.	D23
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TR08MW-NH



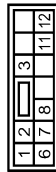
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	B	-
3	R	-
7	W	-
8	G	-

Connector No.	D24
Connector Name	FRONT DOOR SPEAKER RH
Connector Type	NS02FW-CS



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

Connector No.	D25
Connector Name	FRONT POWER WINDOW SWITCH (PASSENGER SIDE)
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	BR	-
3	B	-
6	Y	-
7	R	-
8	L	-
11	SB	-
12	W	-

Connector No.	D27
Connector Name	FRONT POWER WINDOW MOTOR (PASSENGER SIDE)
Connector Type	RS06FG



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

Connector No.	D28
Connector Name	FRONT DOOR LOCK ASSEMBLY (PASSENGER SIDE)
Connector Type	EM0FGY-RS



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

Connector No.	D31
Connector Name	FRONT DOOR REQUEST SWITCH (PASSENGER SIDE)
Connector Type	RK0ZFGY



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

Connector No.	D32
Connector Name	OUTSIDE KEY ANTENNA (PASSENGER SIDE)
Connector Type	RK0ZMZY



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




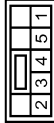











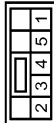




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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

DOOR HARNESS

<table border="1"> <tr><td>Connector No.</td><td>D41</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>NS1DMW-CS</td></tr> </table>  	Connector No.	D41	Connector Name	WIRE TO WIRE	Connector Type	NS1DMW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>W</td><td>-</td></tr> <tr><td>4</td><td>L</td><td>-</td></tr> <tr><td>5</td><td>P</td><td>-</td></tr> <tr><td>7</td><td>GR</td><td>-</td></tr> <tr><td>8</td><td>LG</td><td>-</td></tr> <tr><td>9</td><td>BR</td><td>-</td></tr> <tr><td>10</td><td>O</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	W	-	4	L	-	5	P	-	7	GR	-	8	LG	-	9	BR	-	10	O	-	<table border="1"> <tr><td>Connector No.</td><td>D43</td></tr> <tr><td>Connector Name</td><td>REAR POWER WINDOW SWITCH RH</td></tr> <tr><td>Connector Type</td><td>NS39FW-CS</td></tr> </table>  	Connector No.	D43	Connector Name	REAR POWER WINDOW SWITCH RH	Connector Type	NS39FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>L</td><td>-</td></tr> <tr><td>2</td><td>BR</td><td>-</td></tr> <tr><td>3</td><td>O</td><td>-</td></tr> <tr><td>4</td><td>G</td><td>-</td></tr> <tr><td>5</td><td>R</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	2	BR	-	3	O	-	4	G	-	5	R	-
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<table border="1"> <tr><td>Connector No.</td><td>D44</td></tr> <tr><td>Connector Name</td><td>REAR DOOR SPEAKER RH</td></tr> <tr><td>Connector Type</td><td>NS39FW-CS</td></tr> </table>  	Connector No.	D44	Connector Name	REAR DOOR SPEAKER RH	Connector Type	NS39FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>LG</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	LG	-	2	GR	-	<table border="1"> <tr><td>Connector No.</td><td>D45</td></tr> <tr><td>Connector Name</td><td>REAR DOOR LOCK ASSEMBLY RH</td></tr> <tr><td>Connector Type</td><td>EO8FGY-RS</td></tr> </table>  	Connector No.	D45	Connector Name	REAR DOOR LOCK ASSEMBLY RH	Connector Type	EO8FGY-RS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>5</td><td>W</td><td>-</td></tr> <tr><td>6</td><td>P</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	5	W	-	6	P	-																								
Connector No.	D44																																																								
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Terminal No.	Color of Wire	Signal Name [Specification]																																																							
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Connector No.	D45																																																								
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Connector Type	EO8FGY-RS																																																								
Terminal No.	Color of Wire	Signal Name [Specification]																																																							
5	W	-																																																							
6	P	-																																																							
<table border="1"> <tr><td>Connector No.</td><td>D46</td></tr> <tr><td>Connector Name</td><td>REAR DOOR SPEAKER LH</td></tr> <tr><td>Connector Type</td><td>NS39FW-CS</td></tr> </table>  	Connector No.	D46	Connector Name	REAR DOOR SPEAKER LH	Connector Type	NS39FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>LG</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	LG	-	2	GR	-	<table border="1"> <tr><td>Connector No.</td><td>D65</td></tr> <tr><td>Connector Name</td><td>REAR DOOR LOCK ASSEMBLY LH</td></tr> <tr><td>Connector Type</td><td>EO8FGY-RS</td></tr> </table>  	Connector No.	D65	Connector Name	REAR DOOR LOCK ASSEMBLY LH	Connector Type	EO8FGY-RS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>V</td><td>-</td></tr> <tr><td>2</td><td>G</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	V	-	2	G	-																								
Connector No.	D46																																																								
Connector Name	REAR DOOR SPEAKER LH																																																								
Connector Type	NS39FW-CS																																																								
Terminal No.	Color of Wire	Signal Name [Specification]																																																							
1	LG	-																																																							
2	GR	-																																																							
Connector No.	D65																																																								
Connector Name	REAR DOOR LOCK ASSEMBLY LH																																																								
Connector Type	EO8FGY-RS																																																								
Terminal No.	Color of Wire	Signal Name [Specification]																																																							
1	V	-																																																							
2	G	-																																																							
<table border="1"> <tr><td>Connector No.</td><td>D61</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>NS1DMW-CS</td></tr> </table>  	Connector No.	D61	Connector Name	WIRE TO WIRE	Connector Type	NS1DMW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>V</td><td>-</td></tr> <tr><td>4</td><td>L</td><td>-</td></tr> <tr><td>5</td><td>G</td><td>-</td></tr> <tr><td>7</td><td>GR</td><td>-</td></tr> <tr><td>8</td><td>LG</td><td>-</td></tr> <tr><td>9</td><td>BR</td><td>-</td></tr> <tr><td>10</td><td>O</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	V	-	4	L	-	5	G	-	7	GR	-	8	LG	-	9	BR	-	10	O	-	<table border="1"> <tr><td>Connector No.</td><td>D63</td></tr> <tr><td>Connector Name</td><td>REAR POWER WINDOW SWITCH LH</td></tr> <tr><td>Connector Type</td><td>NS39FW-CS</td></tr> </table>  	Connector No.	D63	Connector Name	REAR POWER WINDOW SWITCH LH	Connector Type	NS39FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>L</td><td>-</td></tr> <tr><td>2</td><td>BR</td><td>-</td></tr> <tr><td>3</td><td>O</td><td>-</td></tr> <tr><td>4</td><td>G</td><td>-</td></tr> <tr><td>5</td><td>R</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	2	BR	-	3	O	-	4	G	-	5	R	-
Connector No.	D61																																																								
Connector Name	WIRE TO WIRE																																																								
Connector Type	NS1DMW-CS																																																								
Terminal No.	Color of Wire	Signal Name [Specification]																																																							
1	V	-																																																							
4	L	-																																																							
5	G	-																																																							
7	GR	-																																																							
8	LG	-																																																							
9	BR	-																																																							
10	O	-																																																							
Connector No.	D63																																																								
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5	R	-																																																							
<table border="1"> <tr><td>Connector No.</td><td>D64</td></tr> <tr><td>Connector Name</td><td>REAR DOOR SPEAKER LH</td></tr> <tr><td>Connector Type</td><td>NS39FW-CS</td></tr> </table>  	Connector No.	D64	Connector Name	REAR DOOR SPEAKER LH	Connector Type	NS39FW-CS	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>LG</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	LG	-	2	GR	-	<table border="1"> <tr><td>Connector No.</td><td>D67</td></tr> <tr><td>Connector Name</td><td>REAR POWER WINDOW MOTOR LH</td></tr> <tr><td>Connector Type</td><td>RS39FEG</td></tr> </table>  	Connector No.	D67	Connector Name	REAR POWER WINDOW MOTOR LH	Connector Type	RS39FEG	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>-</td></tr> <tr><td>2</td><td>G</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	-	2	G	-																								
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Terminal No.	Color of Wire	Signal Name [Specification]																																																							
1	R	-																																																							
2	G	-																																																							

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

DOOR HARNESS

Connector No. D101	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name WIRE TO WIRE		1	R	
Connector Type M02NW-LC		2		
Connector No. D102	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name WIRE TO WIRE		1	R	
Connector Type NH10MW-CS10		2		
Connector No. D103	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name REAR WINDOW DEFOGGER		1	R	
Connector Type P01FB-A		2		
Connector No. D104	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name REAR WINDOW DEFOGGER		1	R	
Connector Type P01FB-A		2		
Connector No. D105	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name BACK DOOR REQUEST SWITCH		1	W	
Connector Type R002FGY		2	B	
Connector No. D106	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name REAR VIEW CAMERA		1	G	
Connector Type T004MW		2	L	
Connector Type T004MW		3	Y	
Connector Type T004MW		4	SHIELD	
Connector No. D107	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name BACK DOOR REQUEST SWITCH		1	W	
Connector Type R002FGY		2	B	
Connector No. D108	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name OUTSIDE KEY ANTENNA (BACK DOOR)		1	BR	
Connector Type R002MGY		2	R	
Connector No. D109	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name WIRE TO WIRE		1	P	
Connector Type NH10FW-CS10		2	BR	
Connector Type NH10FW-CS10		3	LG	
Connector Type NH10FW-CS10		4	LG	
Connector No. D110	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name REAR WIPER MOTOR		1	P	
Connector Type CJ04FW-1V		2	BR	
Connector Type CJ04FW-1V		3	BR	
Connector Type CJ04FW-1V		4	LG	
Connector No. D111	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name REAR VIEW CAMERA		1	G	
Connector Type T004MW		2	L	
Connector Type T004MW		3	Y	
Connector Type T004MW		4	SHIELD	
Connector No. D112	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
Connector Name REAR WIPER MOTOR		1	P	
Connector Type CJ04FW-1V		2	BR	
Connector Type CJ04FW-1V		3	BR	
Connector Type CJ04FW-1V		4	LG	

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]


DOOR HARNESS

Connector No.	D121
Connector Name	HIGH-MOUNTED STOP LAMP
Connector Type	HSDFG-W




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

Connector No.	D122
Connector Name	WIRE TO WIRE
Connector Type	NH10MW-CS10




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

Connector No.	D123
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC




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

Connector No.	D124
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10




Terminal No.	Color of Wire	Signal Name [Specification]
4	G	-
5	B	-
6	Y	-
9	W	-
10	BR	-
14	L	-
15	R	-
19	LG	-
20	GR	-

Connector No.	D125
Connector Name	WIRE TO WIRE
Connector Type	NH10FW-CS10




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

Connector No.	D126
Connector Name	WIRE TO WIRE
Connector Type	M04FW-LC




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

Connector No.	D127
Connector Name	WOOFER
Connector Type	NS06FW-CS




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

Connector No.	D128
Connector Name	WIRE TO WIRE
Connector Type	M04FW-LC



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

Connector No.	D129
Connector Name	WOOFER
Connector Type	NS06FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	BATTERY
2	BR	SOUND SIGNAL WOOFER(+)
3	B	GROUND
4	Y	WOOFER AMP ON SIGNAL
6	R	SOUND SIGNAL WOOFER(+)

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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	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD2FCY-MC



3	4
---	---

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

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	LD2FBR-MC



1	2
---	---

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

Connector No.	E5
Connector Name	HORN RELAY
Connector Type	2438T_C0900



2	3
---	---

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

3	G	-
---	---	---

Connector No.	E6
Connector Name	WIRE TO WIRE
Connector Type	RH12FB



6	5	4	3	2	1
2	1	1	0	9	8
7	8	7	6	5	4

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

Connector No.	E8
Connector Name	WIRE TO WIRE
Connector Type	SAA38MB-RS10-SLZ2



15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44	45	46	47	48

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

11	P	-
----	---	---

12	BR	-
----	----	---

13	LG	-
----	----	---

14	Y	-
----	---	---

15	SB	-
----	----	---

16	L	-
----	---	---

17	W	-
----	---	---

18	O	-
----	---	---

21	G	-
----	---	---

22	Y	-
----	---	---

23	SB	-
----	----	---

24	W	-
----	---	---

25	BR	-
----	----	---

26	B/Y	- [Except for Puerto Rico]
----	-----	----------------------------

26	B	- [For Puerto Rico]
----	---	---------------------

27	GR	-
----	----	---

28	P	-
----	---	---

29	V	-
----	---	---

30	G	-
----	---	---

31	G	-
----	---	---

32	O	-
----	---	---

33	W	-
----	---	---

34	R	-
----	---	---

35	V	-
----	---	---

36	P	-
----	---	---

37	LG	-
----	----	---

39	SB	-
----	----	---

40	GR	-
----	----	---

41	O	-
----	---	---

42	V	-
----	---	---

43	R	- [With CVT]
----	---	--------------

43	LG	- [With M/T]
----	----	--------------

44	R	-
----	---	---

46	W	-
----	---	---

47	G	-
----	---	---

48	BR	-
----	----	---

Connector No.	E9
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	LD2FB-MC



1	2
---	---

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

1	R	-
---	---	---

2	G	-
---	---	---

Connector No.	E10
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MD9FW-LC



5	4	3
8	7	6

Terminal No.	Color of Wire	Signal Name [Specification]
3	BR	-
4	P	-
5	LG	-
6	SB	-
7	Y	-
8	V	-

Connector No.	E11
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	MD9FB-LC



10	9
13	12

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

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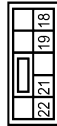
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E12
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS38FBF-CS



Terminal No.	Color of Wire	Signal Name [Specification]
18	Y	-
19	B/W	-
21	W	-
22	V	-

Connector No.	E13
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH12FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
24	G	-
25	Y	-
26	P	-
27	L	-
28	P	-
30	SB	-
31	W	-
33	O	-
34	R	-

Connector No.	E14
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS12FBF-CS



Terminal No.	Color of Wire	Signal Name [Specification]
36	O	-
37	V	-
38	G	-
39	V	-
40	R	-
41	SB	-
43	G	-
44	P	-
45	Y	-
46	O	-

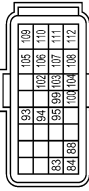
Connector No.	E15
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
47	BR	-
49	W	-
50	GR	-
51	R	-
52	P	-
54	GR	-
55	P	-
56	SB	-
57	G	-
58	Y	-
59	V	-
60	V	-

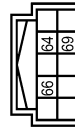
61	W	-
62	L	-

Connector No.	E16
Connector Name	ECM
Connector Type	RH24FBF-R2B-L-RH



Terminal No.	Color of Wire	Signal Name [Specification]
83	L	CAN COMMUNICATION LINE
84	P	CAN COMMUNICATION LINE
88	LG	DATA LINK CONNECTOR
93	L	IGNITION SWITCH
94	SB	ASCD STEERING SWITCH
95	BR	SENSOR GROUND
99	W	STOP LAMP SWITCH
100	SB	ASGD BRAKE SWITCH
102	O	SENSOR POWER SUPPLY
103	G	ACCELERATOR PEDAL POSITION SENSOR Z
104	R	SENSOR GROUND
105	G	POWER SUPPLY FOR ECM
106	V	SENSOR POWER SUPPLY
107	B	ECM GROUND
108	B	ECM GROUND
109	B	ECM GROUND
110	BR	ACCELERATOR PEDAL POSITION SENSOR T
111	Y	SENSOR GROUND
112	B	ECM GROUND

Connector No.	E17
Connector Name	FRAME INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH10FBF-NH



Terminal No.	Color of Wire	Signal Name [Specification]
84	R	-
86	L	-
89	O	-

Connector No.	E18
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	TH24FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	LINE PRESSURE SOLENOID VLVE
2	LG	SECONDARY PRESSURE SOLENOID VALVE
3	BR	TORQUE CONVERTER CLUTCH SOLENOID VALVE
4	O	LOCK-UP SELECT SOLENOID VALVE
5	L	CAN-H
6	P	CAN-L
10	R	POWER SUPPLY
11	W	STEP MOTOR A
12	L	STEP MOTOR B
13	SB	ROM ASSY (SEL 1)
14	P	ROM ASSY (SEL 2)
15	V	ROM ASSY (SEL 3)
18	BR	P RANGE SW
19	R	POWER SUPPLY
20	SB	STEP MOTOR C
21	Y	STEP MOTOR D
22	GR	R RANGE SW

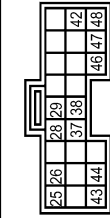
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

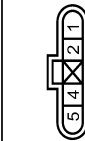
ENGINE ROOM HARNESS

Connector No.	E19
Connector Name	TGM (TRANSMISSION CONTROL MODULE)
Connector Type	TKZ4FGY



Terminal No.	Color of Wire	Signal Name [Specification]
25	B	GROUND
26	LG	N RANGE SW
28	Y	POWER SUPPLY (MEMORY BACKUP)
29	W	SECONDARY SPEED SENSOR
37	P	SECONDARY PRESSURE SENSOR
38	V	PRIMARY SPEED SENSOR
42	R	SENSOR GROUND
43	SB	D RANGE SW
44	L	L RANGE SW
46	BR	SENSOR POWER
47	LG	CVT FLUID TEMPERATURE SENSOR
48	B	GROUND

Connector No.	E20
Connector Name	FRONT WIPER MOTOR
Connector Type	FHX5FGY-B



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	
2	O	
4	Y	
5	B/R	

Connector No.	E22
Connector Name	FRONT WHEEL SENSOR LH
Connector Type	FAZ0ZFB1



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

Connector No.	E23
Connector Name	SIDE TURN SIGNAL LAMP LH
Connector Type	STL0ZFW



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

Connector No.	E24
Connector Name	PARKING LAMP LH
Connector Type	PR0ZFB



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

Connector No.	E25
Connector Name	INTELLIGENT KEY WARNING BUZZER
Connector Type	IR03ZFB



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

Connector No.	E26
Connector Name	HEADLAMP LH
Connector Type	HO0ZFB



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

Connector No.	E27
Connector Name	FRONT TURN SIGNAL LAMP LH
Connector Type	RS0ZFB



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

2	B/W	-
---	-----	---



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

Connector No.	E33
Connector Name	CRASH ZONE SENSOR
Connector Type	HR0ZFY-IV-EX



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

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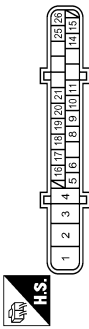
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E38
Connector Name	ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BAA2ZF-ABZ4-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GND (MTR)
2	Y	BAT (MTR)
3	L	BAT (SOL)
4	B	GND (SOL)
5	Y	DS FL
6	W	DP RL
8	O	DP RR
9	L	DP FR
10	R	DS FR
11	LG	K LINE
14	GR	CAN-L
15	P	CAN-L
16	BR	DP FL
17	G	DS RL
18	V	IGN
19	SB	DS RR
20	W	STOP LAMP SW
21	P	VDC OFF SW
25	R	CAN-H
26	L	CAN-H

Connector No.	E37
Connector Name	BRAKE FLUID LEVEL SWITCH
Connector Type	XY02FGY



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

Connector No.	E39
Connector Name	FRONT WHEEL SENSOR RH
Connector Type	FAZ02FB1



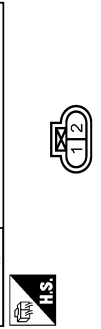
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	R	-

Connector No.	E40
Connector Name	SIDE TURN SIGNAL LAMP RH
Connector Type	STL02FW



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

Connector No.	E41
Connector Name	WASHER PUMP
Connector Type	EB2FGY-RS



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

Connector No.	E43
Connector Name	PARKING LAMP RH
Connector Type	PR02FB



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

Connector No.	E45
Connector Name	HEADLAMP RH
Connector Type	NO02FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	- [With daytime running light system]
2	B/Y	- [Without daytime running light system]
3	SB	- [With daytime running light system]
3	P	- [Without daytime running light system]

Connector No.	E46
Connector Name	FRONT TURN SIGNAL LAMP RH
Connector Type	RS02FB



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

Connector No.	E48
Connector Name	FRONT FOG LAMP RH
Connector Type	FCJ24PC02S4019



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

Connector No.	E49
Connector Name	REFRIGERANT PRESSURE SENSOR
Connector Type	RW03FB



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

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ENGINE ROOM HARNESS

Connector No.	E60
Connector Name	HORN
Connector Type	P01FB-A



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

Connector No.	E61
Connector Name	HORN
Connector Type	P01FB-A



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

Connector No.	E62
Connector Name	WASHER LEVEL SWITCH
Connector Type	Z02EBR



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

Connector No.	E63
Connector Name	AMBIENT SENSOR
Connector Type	RS0ZFB



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	AMBIENT SENSOR SIGNAL
2	O	SENSOR GROUND

Connector No.	E67
Connector Name	DAYTIME RUNNING LIGHT RELAY-1
Connector Type	M6S0ZFB-MZ-LC



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

Connector No.	E69
Connector Name	DAYTIME RUNNING LIGHT RELAY-2
Connector Type	M6S0ZFL-MZ-LC



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

Connector No.	E62
Connector Name	COOLING FAN MOTOR
Connector Type	RS0MFGY-PR



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

Connector No.	E64
Connector Name	OPTION CONNECTOR (FRONT FOG LAMP LH)
Connector Type	FCJ240PC023S4019



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

Connector No.	E65
Connector Name	OPTION CONNECTOR (FRONT FOG LAMP RH)
Connector Type	FCJ240PC023S4019



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE ROOM HARNESS

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TF80MW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	W	-
3	SB	-
4	G	-
5	P	-
6	L	- [With NAVI]
7	R	- [Without NAVI]
8	Y	-
9	O	-
10	W	-
11	SB	-
31	V	-
32	R	-
33	GR	-
34	P	-
35	Y	-
36	BR	-
39	SB	-
44	R	-
45	V	-
46	P	-
48	L	-
51	BR	- [With CVT]
51	B	- [With M/T]
53	SB	-
54	W	- [With CVT]
54	O	- [With M/T]
57	LG	-
58	L	-
60	O	-
61	G	-
62	W	-
63	L	-
67	GR	- [With CVT]
67	Y	- [With M/T]
68	P	-
70	SHIELD	-
71	GR	-

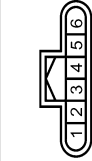
72	LG	-
73	P	-
74	V	-
76	Y	-
77	LG	-
78	O	-
79	G	-
80	P	-
81	L	-
82	W	-
83	BR	-
84	B	-
87	GR	-
91	W	-
92	Y	-
93	Y	-
94	R	-
95	V	-
96	LG	-
97	R	-
98	SB	-
99	G	-
100	P	-

Connector No.	E106
Connector Name	WIRE TO WIRE
Connector Type	LG2FB-MC



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

Connector No.	E110
Connector Name	ACCELERATOR PEDAL POSITION SENSOR
Connector Type	RR0BF5



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

Connector No.	E111
Connector Name	ASCD CLUTCH SWITCH
Connector Type	M0MFW-LC



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

Connector No.	E112
Connector Name	ASCD BRAKE SWITCH
Connector Type	M02FB-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	- [With CVT]
1	R	- [With M/T]
2	SB	-

Connector No.	E113
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	M0MFW-LC



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

Connector No.	E114
Connector Name	STOP LAMP SWITCH
Connector Type	M02FB-LC



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

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CONNECTOR INFORMATION



< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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ENGINE ROOM HARNESS

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

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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F8
Connector Name	ECM
Connector Type	RH40FBR-R28-L-RH



33	37	41	45	49	53	57	61	65	69	73
34	38	42	46	50	54	58	62	66	70	74
35	39	43	47	51	55	59	63	67	71	75
36	40	44	48	52	56	60	64	68	72	76



Terminal No.	Color of Wire	Signal Name [Specification]
33	LG	THROTTLE POSITION SENSOR 1
34	R	THROTTLE POSITION SENSOR 1
35	V	SCVPOS
36	Y	SENSOR GROUND
37	W	KNOCK SENSOR
38	BR	ENGINE COOLANT TEMPERATURE SENSOR
40	SHIELD	SENSOR GROUND
41	GR	REFRIGERANT PRESSURE SENSOR
42	V	SENSOR GROUND
43	P	FUEL TANK TEMP SEN
44	GR	SENSOR GROUND
45	G	MASS AIR FLOW SENSOR
46	L	INTAKE AIR TEMPERATURE SENSOR
47	LG	SENSOR GROUND
48	BR	SENSOR GROUND
49	V	A/F SENSOR 1
50	W	HEATED OXYGEN SENSOR 2 HEATER
51	Y	SENSOR GROUND
52	R	OA
53	LG	A/F SENSOR 1
55	P	SENSOR GROUND
57	GR	BATTERY CURRENT SENSOR
58	O	HEATED OXYGEN SENSOR 2
61	W	CRANKSHAFT POSITION SENSOR (POS)
62	B	SENSOR GROUND
63	L	SENSOR GROUND
64	SB	SENSOR GROUND
65	Y	PHASE
66	L	POWER SUPPLY FOR ECM (BACK-UP)
68	SB	SENSOR POWER SUPPLY
71	Y	SENSOR POWER SUPPLY
72	O	SENSOR POWER SUPPLY
73	P	INTAKE VALVE CONTROL SOLENOID VALVE
74	W	SENSOR POWER SUPPLY
75	R	SENSOR POWER SUPPLY
76	LG	SENSOR POWER SUPPLY
78	G	SENSOR POWER SUPPLY

Connector No.	F10
Connector Name	STARTER MOTOR
Connector Type	-



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

Connector No.	F11
Connector Name	STARTER MOTOR
Connector Type	-



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

Connector No.	F12
Connector Name	KNOCK SENSOR
Connector Type	BS302FB-4HY



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

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



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

Connector No.	F14
Connector Name	ALTERNATOR
Connector Type	-



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

Connector No.	F15
Connector Name	ALTERNATOR
Connector Type	HS302FB



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	-
4	G	-
5	O	-

Connector No.	F17
Connector Name	COMPRESSOR
Connector Type	RS01FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	MAGNET CLUTCH POWER SUPPLY

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



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F20
Connector Name	CRANKSHAFT POSITION SENSOR (POS)
Connector Type	RK0BFB



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

Connector No.	F21
Connector Name	TRANSMISSION RANGE SWITCH
Connector Type	RK0BFG



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

Connector No.	F22
Connector Name	TUMBLE CONTROL VALVE ACTUATOR
Connector Type	HS0BFG



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	VDD
2	LG	GROUND
3	V	OUT
4	R	OPEN
5	W	CLOSE

Connector No.	F23
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	FEA03FG



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

Connector No.	F24
Connector Name	CVT UNIT
Connector Type	Yozaki, Z83-8780-30



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	R	-
3	LG	-
6	P	-
7	Y	-
8	W	-
9	G	-
11	G	-
12	SB	-
13	BR	-
16	L	-
17	BR	-
19	LG	-
20	O	-
23	L	-

Connector No.	F25
Connector Name	CLAMSHFT POSITION SENSOR (PHASE)
Connector Type	RK0BFB



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

Connector No.	F28
Connector Name	ENGINE COOLANT TEMPERATURE SENSOR
Connector Type	EG02FY-RS



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

1	BR
2	GR

Connector No.	F29
Connector Name	ELECTRIC THROTTLE CONTROL ACTUATOR
Connector Type	HS0BFB



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

Connector No.	F30
Connector Name	HEATED OXYGEN SENSOR
Connector Type	AFZ0HEE-P



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

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

ENGINE CONTROL HARNESS

Connector No.	F32
Connector Name	EWAP GASTRIERFAHRE VOLUME CONTROL SOLENOID VALVE
Connector Type	EG2FL-RS-LGY



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

Connector No.	F33
Connector Name	IGNITION COIL No. 1 WITH POWER TRANSISTOR
Connector Type	EG3FGY-RS



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

Connector No.	F34
Connector Name	IGNITION COIL No. 2 WITH POWER TRANSISTOR
Connector Type	EG3FGY-RS



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

2	B	-
3	V	-

Connector No.	F35
Connector Name	IGNITION COIL No. 3 WITH POWER TRANSISTOR
Connector Type	EG3FGY-RS



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

Connector No.	F36
Connector Name	IGNITION COIL No. 4 WITH POWER TRANSISTOR
Connector Type	EG3FGY-RS



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

Connector No.	F37
Connector Name	FUEL INJECTOR No. 1
Connector Type	HS2ZFGY



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

Connector No.	F38
Connector Name	FUEL INJECTOR No. 2
Connector Type	HS2ZFGY



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

Connector No.	F39
Connector Name	FUEL INJECTOR No. 3
Connector Type	HS2ZFGY



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

Connector No.	F40
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS2ZFGY



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

Connector No.	F41
Connector Name	INPAKE VALVE TRIMIC CONTROL SOLENOID VALVE
Connector Type	EG2FG-RS-LGY



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

Connector No.	F42
Connector Name	ALTERNATOR
Connector Type	



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


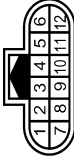























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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

ENGINE CONTROL HARNESS			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F48	WIRE TO WIRE		
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	G		
2	O		
3	L		
4	V		
5	BR		
6	LG		
7	Y		
8	SB		
9	W		
10	R		
11	G		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F48			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	R		
2	GR		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F49			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	O		
2	R		
3	G		
4	W		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F50			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	V		
2	LG		
3	G		
4	R		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F51			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	LG		
2	V		
3	R		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F53			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	BR		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F53			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	Y		
2	SB		
3	GR		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F55			
Connector Name			
Connector Type			
 			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	LG		
2	V		
3	R		
			
Connector No.	Color of Wire	Signal Name [Specification]	Terminal No.
F53			
Connector Name			
Connector Type			
			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.
1	LG		
2	V		
3	R		

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

M Main Harness

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Connector No.	Terminal No.	Color of Wire	Signal Name [Specification]
MAIN HARNESS			
M1	7	GR/R	IGNITION RELAY
	8	O	
	14	P	
	16	LG/R	
M2	1	W	FUSE BLOCK (J/B)
	2	W/R	
M3	1	W	FUSE BLOCK (J/B)
	2	W/R	
M4	1	W	FUSE BLOCK (J/B)
	2	W/R	
M5	1	W	VDC OFF SWITCH
	2	W/R	
M6	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M7	1	SB	PARKING BRAKE SWITCH
	2	B	
	3	W	
	4	B/R	
M8	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M9	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M10	1	W	IGNITION RELAY
	2	W/R	
	3	W/B	
	5	L	
M11	1	SB	PARKING BRAKE SWITCH
	2	B	
	3	W	
	4	B/R	
M12	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M13	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M14	1	SB	TWEETER RH
	2	R/G	
	3	L/B	
	4	V	
M15	1	W	TWEETER LH
	2	P	
M16	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M17	1	R/G	OPTICAL SENSOR
	2	L/B	
	3	V	
M18	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M19	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M20	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M21	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M22	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M23	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M24	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M25	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M26	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M27	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M28	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M29	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M30	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M31	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M32	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M33	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M34	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M35	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M36	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M37	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M38	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M39	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M40	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M41	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M42	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M43	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M44	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M45	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M46	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M47	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M48	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M49	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M50	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M51	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M52	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M53	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M54	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M55	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M56	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M57	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M58	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M59	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M60	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M61	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M62	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M63	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M64	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M65	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M66	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M67	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M68	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M69	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M70	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M71	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M72	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M73	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M74	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M75	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M76	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M77	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M78	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M79	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M80	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M81	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M82	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M83	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M84	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M85	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M86	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M87	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M88	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M89	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M90	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M91	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M92	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M93	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M94	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M95	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M96	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M97	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M98	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M99	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	
M100	1	W	DOOR MIRROR REMOTE CONTROL SWITCH
	2	W/R	

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



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

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

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	W	-
3	O	-
5	L/R	-
6	R	-
7	R	-
8	P/B	-
9	G	-

10	V	-
11	L/W	-
12	LG	-
14	R	-
15	Y/R	-
16	B/R	-



Connector No.	M20
Connector Name	WIRE TO WIRE
Connector Type	NH10MK-CS10



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

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

Connector No.	M21
Connector Name	WIRE TO WIRE
Connector Type	TH32FW-NH



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

Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	-
2	G	-
3	V	-
4	SHIELD	-
5	O	-
6	G/O	-
7	GR/R	-
14	L	-
15	SB	-
16	SB	-
17	LG	-
18	SHIELD	-
19	BR	-
20	Y	-
21	L/Y	-
22	V	-
23	W/G	-
24	L/B	-
30	P	-
31	LG	-
32	LG	-

Connector No.	M22
Connector Name	WIRE TO WIRE
Connector Type	NH10MK-CS10



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

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

2	G	-
4	B	-
5	L	-
6	W/R	-
7	R	-
8	V	-
9	G/R	-
10	LG	-
11	R	-
12	G	-
13	BR/Y	-
14	B	-
15	G/B	-
16	GR	-
17	BR	-
18	L/Y	-
20	Y/R	-

Connector No.	M23
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



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

Terminal No.	Color of Wire	Signal Name [Specification]
6	V	-
7	G	-
8	L	-
9	BR	-
10	B	-
16	SHIELD	-

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M24
Connector Name	KEY SWITCH
Connector Type	TH08MGY



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



Connector No.	M26
Connector Name	NAVS ANTENNA AMP.
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BAT
2	P/L	CLK
3	LG	DATA [With Intelligent Key]
3	B	GND [Without Intelligent Key]
4	LG	DATA [Without Intelligent Key]
4	B	GND [With Intelligent Key]

Connector No.	M27
Connector Name	COMBINATION SWITCH
Connector Type	TH16FW-NH



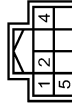
Terminal No.	Color of Wire	Signal Name [Specification]
1	O/B	WASHER (RR)
2	GR	OUTPUT 4
3	R/G	WASHER (FR)
4	W	IGN
5	L/Y	OUTPUT 3
6	B	GROUND
7	W	INPUT 3
8	BR/W	OUTPUT 5
9	R/L	INPUT 2
10	Y/L	INPUT 4
11	L/O	INPUT 1
12	L/R	OUTPUT 1
13	LG	INPUT 5
14	G	OUTPUT 2

Connector No.	M29
Connector Name	IGNITION SWITCH
Connector Type	M08FW-LC



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

Connector No.	M30
Connector Name	STEERING ANGLE SENSOR
Connector Type	TH08FW-NH



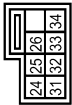
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
2	P	CAN-L
4	GR/L	IGN
5	L	CAN-H

Connector No.	M32
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TH08FY-EX-IV



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

Connector No.	M33
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TH08FQY-IV



Terminal No.	Color of Wire	Signal Name [Specification]
24	W/L	-
26	R/B	-
31	GR/B	-
32	B/W	-
33	L/G	-
34	R/B	-

Connector No.	M34
Connector Name	COMBINATION METER
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
3	V	VEHICLE SPEED SIGNAL (2-PULSE)
4	V/R	VEHICLE SPEED SIGNAL (8-PULSE) [With NAVI]
4	L	VEHICLE SPEED SIGNAL (8-PULSE) [Without NAVI]
6	BR/Y	FUEL LEVEL SENSOR SIGNAL
7	R/G	AIR BAG SIGNAL
8	P	OVERDRIVE CONTROL SWITCH SIGNAL
9	O	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
10	SB	PARKING BRAKE SWITCH SIGNAL
11	G/R	BRAKE FLUID LEVEL SWITCH SIGNAL
13	B/R	ILLUMINATION CONTROL SIGNAL
15	L/Y	ACC POWER SUPPLY
17	G	WASHER LEVEL SWITCH SIGNAL
18	R/Y	SECURITY SIGNAL
19	P/U/W	AMBIENT SENSOR SIGNAL
20	R/W	AMBIENT SENSOR GROUND
21	B	GROUND
22	B	GROUND
23	B	GROUND
24	PU	FUEL LEVEL SENSOR GROUND
25	B	VOIC GROUND
27	LG	BATTERY POWER SUPPLY
28	GR	IGNITION SIGNAL
29	BR	PASSENGER SEAT BELT WARNING SIGNAL
31	R	A/C AUTO AMP CONNECTION/RECALL SIGNAL
35	BR	ENGINE COOLANT TEMPERATURE SIGNAL
38	GR	ALTERNATOR SIGNAL

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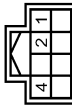
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M37
Connector Name	EPS CONTROL UNIT
Connector Type	TH88FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	CAN-L
2	L	CAN-H
4	O	IGN

Connector No.	M38
Connector Name	EPS CONTROL UNIT
Connector Type	LO2FB-UH



Terminal No.	Color of Wire	Signal Name [Specification]
17	R	BAT
18	B	GROUND

Connector No.	M39
Connector Name	BLOWER MOTOR
Connector Type	TM02FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BLOWER MOTOR POWER SUPPLY

2	R	BLOWER MOTOR CONTROL SIGNAL (Wiring A, C)
2	L	SENSOR GROUND (With manual A/C)

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



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

Connector No.	M41
Connector Name	IR-VEHICLE SENSOR
Connector Type	A02FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IR-VEHICLE SENSOR SIGNAL
2	R/W	SENSOR GROUND

Connector No.	M42
Connector Name	INTAKE SENSOR
Connector Type	TK02FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	O	INTAKE SENSOR SIGNAL
2	R/W	SENSOR GROUND

Connector No.	M44
Connector Name	THERMO CONTROL AMP.
Connector Type	S08FW



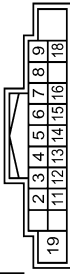
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	GR	-
3	B	-
4	V	-
5	B/W	-

Connector No.	M45
Connector Name	HAZARD SWITCH
Connector Type	TK04FW



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

Connector No.	M46
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	SOUND SIGNAL FRONT SPEAKER LH (+)
3	P	SOUND SIGNAL FRONT SPEAKER LH (-)
4	V	SOUND SIGNAL REAR SPEAKER LH (+)
5	R/B	SOUND SIGNAL REAR SPEAKER LH (-)
6	W/G	STRG SW A
7	L/Y	ACC
8	B/R	ILLUMINATION CONTROL SIGNAL (-)
9	W	ILLUMINATION CONTROL SIGNAL (+)
11	G	SOUND SIGNAL FRONT SPEAKER RH (+)
12	R	SOUND SIGNAL FRONT SPEAKER RH (-)
13	LG	SOUND SIGNAL REAR SPEAKER RH (+)
14	GR	SOUND SIGNAL REAR SPEAKER RH (-)
15	L/B	STRG SW GND
16	GR/R	STRG SW B
18	L	VEHICLE SPEED (8-PULSE)
19	L	BATTERY

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M47
Connector Name	AUDIO UNIT
Connector Type	TH48FW-NH



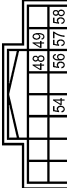
Terminal No.	Color of Wire	Signal Name [Specification]
21	R	IPed SOUND SIGNAL LH (+)
23	B	IPed SOUND SIGNAL RH (+)
25	W	IPed SOUND SIGNAL LH (-)
27	G	IPed SOUND SIGNAL RH (-)
28	SHIELD	SHIELD

Connector No.	M48
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-AMZ-LC



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

Connector No.	M49
Connector Name	AUDIO UNIT
Connector Type	TH18FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
43	SB	AV COMM (H)
44	LG	AV COMM (L)
45	O	TEL ON SIGNAL
46	BR	SOUND SIGNAL (+)
47	Y	SOUND SIGNAL (-)
48	SHIELD	SHIELD

Connector No.	M50
Connector Name	A/C AUTO AMP.
Connector Type	TH20WFG



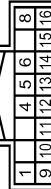
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	ILLUMINATION POWER SUPPLY
2	R	A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL
3	R	INTAKE DOOR MOTOR PBR POWER SUPPLY
4	LG	BATTERY POWER SUPPLY
5	O	IGNITION POWER SUPPLY
6	R/W	SENSOR GROUND
7	Y	IGNITION POWER SUPPLY
8	B/R	ILLUMINATION GROUND
9	L	FRE DRIVE SIGNAL
10	G	REC DRIVE SIGNAL
11	B	GROUND
12	BR	A/MIX DRIVE SIGNAL 4
13	SB	A/MIX DRIVE SIGNAL 3
14	GR	A/MIX DRIVE SIGNAL 2
15	P	A/MIX DRIVE SIGNAL 1

Connector No.	M51
Connector Name	A/C AUTO AMP.
Connector Type	TH18WFG



Terminal No.	Color of Wire	Signal Name [Specification]
21	BR	WATER TEMPERATURE SIGNAL
22	P/U/W	AMBIENT SENSOR SIGNAL
23	O	INTAKE SENSOR SIGNAL
24	G	IN-VEHICLE SENSOR SIGNAL
25	P	SUNLOAD SENSOR SIGNAL
26	SB	INTAKE DOOR MOTOR PER F/B SIGNAL
27	R	REAR WINDOW DEFOGGER F/B SIGNAL
29	GR	MODE DRIVE SIGNAL 4
30	W	MODE DRIVE SIGNAL 3
31	Y	MODE DRIVE SIGNAL 2
32	V	MODE DRIVE SIGNAL 1
33	W/L	REAR WINDOW DEFOGGER ON SIGNAL
34	Y/G	A/C ON SIGNAL
35	G/W	BLOWER FAN ON SIGNAL
36	GR/R	POWER TRANSISTOR CONTROL SIGNAL

Connector No.	M53
Connector Name	A/C CONTROL
Connector Type	TH18FW-NH



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

Terminal No.	11	V
Terminal No.	12	Y/R
Terminal No.	13	SB
Terminal No.	14	Y
Terminal No.	15	B
Terminal No.	16	L

Connector No.	M54
Connector Name	INTAKE DOOR MOTOR
Connector Type	18193-0001



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	INTAKE DOOR MOTOR PBR POWER SUPPLY
2	SB	INTAKE DOOR MOTOR PER F/B SIGNAL (With auto A/C)
3	R/W	INTAKE DOOR MOTOR PER F/B SIGNAL (With manual A/C)
5	G	GROUND
6	L	FRE DRIVE SIGNAL

Connector No.	M55
Connector Name	AIR MIX DOOR MOTOR
Connector Type	MA08FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	A/MIX DRIVE SIGNAL 2
2	G	IGNITION POWER SUPPLY
3	BR	A/MIX DRIVE SIGNAL 4
4	P	A/MIX DRIVE SIGNAL 1
6	SB	A/MIX DRIVE SIGNAL 3

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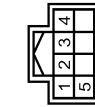
CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

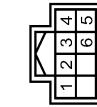
MAIN HARNESS

Connector No.	M65
Connector Name	MODE DOOR MOTOR
Connector Type	TH8BFW-NH



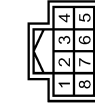
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	MODE DRIVE SIGNAL 1
2	Y	MODE DRIVE SIGNAL 2
3	W	MODE DRIVE SIGNAL 3
4	GR	MODE DRIVE SIGNAL 4
5	O	IGNITION POWER SUPPLY

Connector No.	M67
Connector Name	CVT SHIFT SELECTOR
Connector Type	TH8BFW-NH



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

Connector No.	M68
Connector Name	CVT SHIFT SELECTOR
Connector Type	TH8BFW-NH



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	R/L	IGN
2	B	GROUND
3	Y	DR 1 (+)
4	Y/R	DR 1 (-) DR 2 (-)
5	L/Y	DR 2 (+)
6	Y/G	AS 1 (+)
7	Y/B	AS 1 (-)
8	Y/B	AS 2 (+)
9	G/Y	AS 2 (-)
10	L/G	EGSS (+)
11	V	EGSS (-)
12	SHIELD	SHIELD
13	PG	AIR BAG W/L
14	BR	SEAT BELT W/L

23	R/B	OUT/OFF TELL TALE
59	L	CANH
60	P	CANL

Connector No.	M60
Connector Name	POWER SOCKET
Connector Type	PH2FB-Z



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

Connector No.	M61
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	TK04FW



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

Connector No.	M62
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	PH04FY-BD



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

Connector No.	M64
Connector Name	PASSENGER AIR BAG OFF INDICATOR
Connector Type	JAB05FB



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

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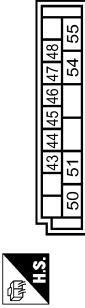
CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M69
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FE-FHA6-SA



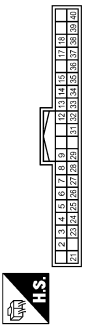
Terminal No.	Color of Wire	Signal Name [Specification]
43	W	BACK DOOR SW
44	LG	REAR WIPER STOP POSITION
45	SB	PASSENGER DOOR SW
46	GR/L	REAR RH DOOR SW
47	BR/Y	DRIVER DOOR SW
48	W/G	REAR LH DOOR SW
50	R/W	BK DR LOCK ACT RELAY CONT
51	W	BACK DOOR REQUEST SW
54	LG	REAR WIPER OUTPUT
55	G	REAR DOOR UNLOCK OUTPUT

Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA



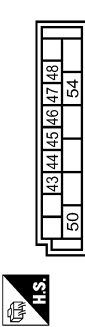
Terminal No.	Color of Wire	Signal Name [Specification]
56	L	INTERIOR ROOM LAMP POWER SUPPLY
57	Y	BAT (ELSE)
58	G	PASSENGER DOOR UNLOCK OUTPUT
59	W/B	TURN SIGNAL LH OUTPUT
60	L/W	TURN SIGNAL RH OUTPUT
61	BR	ROOM LAMP TIMER CONTROL
63	BR	ALL DOOR LOCK OUTPUT
65	L/B	DRIVER DOOR UNLOCK OUTPUT
66	B	GROUND
67	L	POWER WINDOW POWER SUPPLY (IGN)
68	L	POWER WINDOW POWER SUPPLY (BAT)
69	P	POWER WINDOW POWER SUPPLY (BAT)
70	Y	BAT (F/L)

Connector No.	M68
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FB-NH



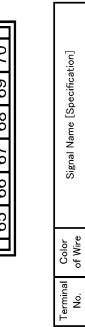
Terminal No.	Color of Wire	Signal Name [Specification]
2	BR/W	COMBI SW INPUT 5
3	GR	COMBI SW INPUT 4
4	L/Y	COMBI SW INPUT 3
5	G	COMBI SW INPUT 2
6	L/R	COMBI SW INPUT 1
7	W/R	KEY CYL UNLOCK SW
8	W/B	KEY CYL LOCK SW
9	R	STOP LAMP SW 1
12	GR	CENTRAL DOOR LOCK SW
13	BR	CENTRAL DOOR UNLOCK SW
14	L/G	OPTICAL SENSOR
15	W/L	REAR WINDOW DEFOGGER SW
17	R/G	OPTICAL SENSOR POWER SUPPLY
18	V	SENSOR GND
21	R/Y	NATS ANTENNA AMP
23	P/L	SECURITY INDICATOR LAMP
24	SB	DONGLE LINK
25	LG	NATS ANTENNA AMP
26	GR	THERMO CONTROL AMP
27	O	A/C SW
28	G/W	BLOWER FAN SW
29	L/W	HAZARD SW
31	G/B	DR DOOR UNLOCK SENSOR
32	L/G	COMBI SW OUTPUT 5
33	Y/L	COMBI SW OUTPUT 4
34	W	COMBI SW OUTPUT 3
35	P/L	COMBI SW OUTPUT 2
36	L/O	COMBI SW OUTPUT 1
37	G/O	SHEET P
38	G/Y	RECEIVER COMM1
38	L	CAN-H
40	P	CAN-L

Connector No.	M66
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA



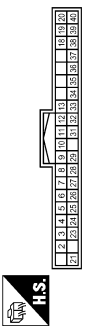
Terminal No.	Color of Wire	Signal Name [Specification]
43	W	BACK DOOR SW
44	LG	REAR WIPER STOP POSITION
45	GR	CENTRAL DOOR LOCK SW
46	BR	CENTRAL DOOR UNLOCK SW
47	BR/Y	DRIVER DOOR SW
48	W/G	REAR LH DOOR SW
50	SB	A/C INDICATOR OUTPUT
54	LG	REAR WIPER OUTPUT

Connector No.	M67
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FE-FHA6-SA



Terminal No.	Color of Wire	Signal Name [Specification]
56	L	INTERIOR ROOM LAMP POWER SUPPLY
57	Y	BAT (ELSE)
58	L/B	DRIVER DOOR UNLOCK OUTPUT
59	W/B	TURN SIGNAL LH OUTPUT
60	L/W	TURN SIGNAL RH OUTPUT
61	BR	ROOM LAMP TIMER CONTROL
63	BR	ALL DOOR LOCK OUTPUT
65	G	PASSENGER DOOR UNLOCK OUTPUT
66	B	GROUND
67	L	POWER WINDOW POWER SUPPLY (IGN)
68	L	POWER WINDOW POWER SUPPLY (BAT)
69	P	POWER WINDOW POWER SUPPLY (BAT)
70	Y	BAT (F/L)

Connector No.	M65
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR/W	COMBI SW INPUT 5
3	GR	COMBI SW INPUT 4
4	L/Y	COMBI SW INPUT 3
5	G	COMBI SW INPUT 2
6	L/R	COMBI SW INPUT 1
7	W/R	KEY CYL UNLOCK SW
8	W/B	KEY CYL LOCK SW
9	R	STOP LAMP SW
10	W/L	REAR WINDOW DEFOGGER SW
11	L/Y	ACC POWER SUPPLY
12	SB	PASSENGER DOOR SW
13	GR/L	REAR RH DOOR SW
18	BR	RECEIVER / SENSOR GND
19	BR	KEYLESS ENTRY RECEIVER POWER SUPPLY
20	G/Y	KEYLESS ENTRY RECEIVER COMM
21	P/L	NATS ANTENNA AMP
23	R/Y	SECURITY INDICATOR LAMP
24	GR/B	DONGLE LINK
25	LG	NATS ANTENNA AMP
26	GR	THERMO CONTROL AMP
27	Y/G	A/C SW
28	G/W	BLOWER FAN SW
29	L/W	HAZARD SW
31	G/Y	FR DEFROSTER SW
32	LG	COMBI SW OUTPUT 5
33	Y/L	COMBI SW OUTPUT 4
34	W	COMBI SW OUTPUT 3
35	R/L	COMBI SW OUTPUT 2
36	L/O	COMBI SW OUTPUT 1
37	P/W	KEY SWITCH
38	O	IGNITION POWER SUPPLY
38	L	CAN-H
40	P	CAN-L

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No.	M71
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40FW-NH



71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
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Terminal No.	Color of Wire	Signal Name [Specification]
72	SB	A/C INDICATOR OUTPUT
75	SB	DRIVER DOOR REQUEST SW
76	L/O	PUSH SW
78	LG	DRIVER DOOR ANT+
79	V	DRIVER DOOR ANT-
80	BR/Y	PASSENGER DOOR ANT+
81	L/Y	PASSENGER DOOR ANT-
82	W/B	BACK DOOR ANT+
83	B/W	BACK DOOR ANT-
84	Y/G	ROOM ANT+
85	Y/L	ROOM ANT-
86	P	LUGGAGE ROOM ANT+
87	L	LUGGAGE ROOM ANT-
90	W/L	PUSH-BUTTON IGNITION SW ILL POWER
91	Y	ACC/ON IND
92	BR/R	PUSH-BUTTON IGNITION SW ILL GND
93	GR/W	F-KEY WARM BUZZER
96	BR/W	ACC RELAY CONT
97	L/R	STARTER RELAY CONT
98	BR	IGN RELAY (IPDM E/R) CONT
99	W/R	IGN RELAY CONT
100	G	PASSENGER DOOR REQUEST SW
102	G	SHIFT N/P
103	G/Y	FR DEFROSTER SW
104	Y/R	CVT SHIFT SELECTOR POWER SUPPLY
105	B/O	STOP LAMP SW 2
106	Y/B	BLOWER FAN MOTOR RELAY CONT

Connector No.	M72
Connector Name	DIODE
Connector Type	Z433Z-C9900



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

Connector No.	M73
Connector Name	FAN SWITCH
Connector Type	M06FW-LC



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

Connector No.	M74
Connector Name	SUNLOAD SENSOR
Connector Type	A02FW



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Terminal No.	Color of Wire	Signal Name [Specification]
1	P	SUNLOAD SENSOR SIGNAL
2	R/W	SENSOR GROUND

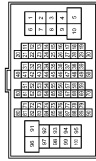
Connector No.	M75
Connector Name	DONGLE UNIT
Connector Type	NS08FBR-CS



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

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH8DFW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	B/O	-
2	R	-
3	G/R	-
4	G/B	-
5	L	-
6	L	-
7	W/R	-
8	G/W	-
9	Y/L	-
10	W	-
31	GR/L	-
32	L/B	-
33	P/G	-
34	SB	-






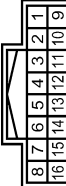










35	BR	-
36	G	-
39	L/R	-
44	G/O	-
45	LG/R	-
46	GR/W	-
48	L/O	-
51	B/W	-
53	R/L	-
54	O	-
57	GR	-
59	V	-
60	R/W	-
61	PU/W	-
62	W/L	-
63	W/B	-
67	Y/R	-
69	LG	-
70	SHIELD	-
71	P/B	-
72	R/G	-
73	R	-
74	L/Y	-
76	W/G	-
77	GR/R	-
78	O	-
79	LG	-
80	P	-
81	L	-
82	GR	-
83	G/R	-
84	B	-
87	G	-
91	R	-
92	O	-
93	Y	-
94	R/B	-
95	L/W	-
96	Y	-
97	L	-
98	BR/W	-
99	W	-
100	G/R	-

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No. M78	Connector Name WIRE TO WIRE	Connector No. M83	Connector Name WIRE TO WIRE		
Connector Type L02MB-MC	Connector Type TH18FW-NH	Connector Type TH24FW-NH	Connector Type MM4FW-LC		
					
					
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-	4	L	-
2	R	-	5	Y/B	-
			6	G/O	-
			7	G/R	-
			11	W	-
			12	W/B	-
			16	P	-
			18	G/Y	-
			19	SHIELD	-
			24	B/W	-
Connector No. M79	Connector Name WIRE TO WIRE	Connector No. M82	Connector Name POWER TRANSISTOR		
Connector Type TH44FW-NH	Connector Type MM4FW-LC	Connector Type TH18FW-NH	Connector Type TH24FW-NH		
					
					
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
1	W/G	-	1	R/W	-
2	L/Y	-	2	LG/R	-
3	R	-	3	B/R	-
4	P/B	-	4	B	-
5	W	-	5	LG/R	-
8	SB	-			
9	L/G	-			
10	GR/B	-			
11	G/B	-			
12	G/R	-			
13	R/G	-			
15	R/L	-			
16	GR/R	-			
17	BR/Y	-			
18	RU	-			
20	GR/L	-			
22	L	-			
23	Y/L	-			
24	G/W	-			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
1	R	BLOWER MOTOR CONTROL OUTPUT	1	BR	POWER
2	GR/R	POWER TRANSISTOR CONTROL SIGNAL	2	G/Y	SIGNAL
3	B	GROUND	4	Y	GROUND
4	Y	IGNITION POWER SUPPLY			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
1	R/W	-	1	R/W	-
2	LG/R	-	2	LG/R	-
3	B/R	-	3	B/R	-
4	B	-	4	B	-
5	LG/R	-	5	LG/R	-
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-	4	L	-
2	Y/B	-	5	G/O	-
3	G/O	-	6	G/R	-
4	G/R	-	7	G/R	-
5	W	-	11	W	-
6	BR/Y	-	12	W/B	-
7	R/Y	-	16	P	-
8	O	-	18	G/Y	-
9	BR/W	-	19	SHIELD	-
10	W/B	-	24	B/W	-
13	BR/W	-			
14	W/B	-			
18	W/G	-			
Terminal No.	Color of Wire	Signal Name [Specification]	Terminal No.	Color of Wire	Signal Name [Specification]
1	R/W	-	1	R/W	-
2	LG/R	-	2	LG/R	-
3	B/R	-	3	B/R	-
4	B	-	4	B	-
5	LG/R	-	5	LG/R	-

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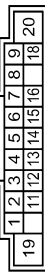
CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M87
Connector Name	NAVI CONTROL UNIT
Connector Type	TH18FW-CSZ



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y/B	WOOFER AMP. ON SIGNAL
2	W	SOUND SIGNAL FRONT SPEAKER LH (+)
3	P	SOUND SIGNAL FRONT SPEAKER LH (-)
4	V	SOUND SIGNAL REAR SPEAKER LH (-)
5	R/B	SOUND SIGNAL REAR SPEAKER LH (+)
6	W/L	STRG SW A
7	L/Y	ACC
8	B/R	ILLUMINATION CONTROL SIGNAL (-)
9	W	ILLUMINATION CONTROL SIGNAL (+)
11	G	SOUND SIGNAL FRONT SPEAKER RH (+)
12	R	SOUND SIGNAL FRONT SPEAKER RH (-)
13	LG	SOUND SIGNAL REAR SPEAKER RH (+)
14	GR	SOUND SIGNAL REAR SPEAKER RH (-)
15	L/G	STRG SW GND
16	GR/R	STRG SW B
18	V/R	VEHICLE SPEED SIGNAL (P-PULSE)
19	L	BATTERY
20	B	GROUND

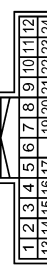
Connector No.	M88
Connector Name	NAVI CONTROL UNIT
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
22	B	E02
23	B	E03
24	B	E04
25	Y/R	REVERSE SIGNAL

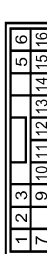
30	P	SOUND SIGNAL WOOFER (+)
31	L	SOUND SIGNAL WOOFER (-)
34	BR	SOUND SIGNAL (+)
35	Y	SOUND SIGNAL (-)
36	B	GROUND
37	SHIELD	SHIELD
38	SB	AV COMM (H)
39	LG	AV COMM (L)
41	G/Y	CAMERA IMAGE SIGNAL
42	SHIELD	SHIELD
43	G/O	CAMERA POWER SUPPLY
44	G/R	CAMERA GND

Connector No.	M89
Connector Name	IPod ADAPTER
Connector Type	TH24FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	IPod SOUND SIGNAL LH (+)
2	B	IPod SOUND SIGNAL RH (+)
3	L/Y	ACC
4	LG	AV COMM (L)
5	L	BATTERY
6	GR	USB D+ SIGNAL
7	LG	USB D- SIGNAL
8	LG	IPod BATTERY CHARGE 12V
9	P	COMM (IPod) (IPod-IPod ADAPTER)
10	L	COMM (IPod) (IPod ADAPTER)
11	O	ACCESSORY IDENTIFY
12	G/R	IPod SOUND SIGNAL RH (+)
13	W	IPod SOUND SIGNAL LH (-)
14	G	IPod SOUND SIGNAL RH (-)
15	SHIELD	SHIELD
16	SB	AV COMM (H)
17	B	GROUND
18	SHIELD	SHIELD
20	BS	IPod BATTERY CHARGE 5V
21	W/B	IPod CONNECTION RECOGNITION
22	G/O	ACCESSORY DETECT
23	G/Y	IPod SOUND SIGNAL GND
24	G/O	IPod SOUND SIGNAL LH (+)

Connector No.	M100
Connector Name	IPod CONNECTOR
Connector Type	IP10FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	G/O	IPod SOUND SIGNAL LH (+)
2	G/Y	IPod SOUND SIGNAL GND
3	BR	IPod BATTERY CHARGE 5V
5	L	COMM (IPod) (IPod ADAPTER)
6	P	COMM (IPod) (IPod ADAPTER)
7	G/R	IPod SOUND SIGNAL RH (+)
9	W/B	IPod CONNECTION RECOGNITION
10	B	GROUND
11	GR	USB D+ SIGNAL
12	LG	IPod BATTERY CHARGE 12V
13	LG	USB D- SIGNAL
14	SHIELD	SHIELD
15	G/O	ACCESSORY DETECT
16	O	ACCESSORY IDENTIFY

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



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

Connector No.	M102
Connector Name	HEATED SEAT SWITCH LH
Connector Type	NS08FW-CS



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

Connector No.	M103
Connector Name	HEATED SEAT SWITCH RH
Connector Type	NS08FBR-CS











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

CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

MAIN HARNESS

Connector No. M104	WIRE TO WIRE	Connector Name M04FW-LC		Connector No. M311	WIRE TO WIRE	Connector Name GT18C-1/PP-HU	
Terminal No.	Color of Wire	Signal Name [Specification]		Terminal No.	Color of Wire	Signal Name [Specification]	
1	R	-		1	-	-	
2	W	-		2	-	-	
3	L	-					
4	Y	-					
Connector No. M105	INSIDE KEY ANTENNA (INSTRUMENT CENTER)	Connector Name R00ZFL		Connector No. M312	WIRE TO WIRE	Connector Name GT18C-1S-HU	
Terminal No.	Color of Wire	Signal Name [Specification]		Terminal No.	Color of Wire	Signal Name [Specification]	
1	Y/G	-		1	-	-	
2	Y/L	-					
Connector No. M106	BLOWER FAN RESISTOR	Connector Name T040FW-1V		Connector No. M313	AUDIO UNIT	Connector Name GT18SH-2/1S-HU	
Terminal No.	Color of Wire	Signal Name [Specification]		Terminal No.	Color of Wire	Signal Name [Specification]	
1	G	-		61	-	-	
2	Y	-		62	-	-	
3	R	-					
4	L	-					
Connector No. M107	COMBINATION SWITCH (SPIRAL CABLE)	Connector Name T08BEGY		Connector No. M310	ANTENNA BASE	Connector Name GT18SSH-1/1PP-HU	
Terminal No.	Color of Wire	Signal Name [Specification]		Terminal No.	Color of Wire	Signal Name [Specification]	
1	G	-		1	-	-	
2	Y	-		2	-	-	
3	R	-					
4	L	-					

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CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

MAIN HARNESS

Connector No.	M314	Signal Name [Specification]		Terminal No.	70	Color of Wire	-	Signal Name [Specification]	NAVI CONTROL UNIT
Connector Name	NAVI CONTROL UNIT			Terminal No.	71	Color of Wire	-	Signal Name [Specification]	ANTENNA AMP. ON SIGNAL
Connector Type	GT13SH-2/TS-HU			Terminal No.	71	Color of Wire	-	Signal Name [Specification]	AM-FM MAIN
Connector No.	M315	Signal Name [Specification]		Terminal No.	73	Color of Wire	-	Signal Name [Specification]	SATELLITE RADIO ANTENNA SIGNAL
Connector Name	NAVI CONTROL UNIT			Terminal No.	73	Color of Wire	-	Signal Name [Specification]	SATELLITE RADIO ANTENNA SIGNAL
Connector Type	FAKFA			Terminal No.	73	Color of Wire	-	Signal Name [Specification]	SATELLITE RADIO ANTENNA SIGNAL
Connector No.	M316	Signal Name [Specification]		Terminal No.	54	Color of Wire	-	Signal Name [Specification]	GPS ANTENNA SIGNAL
Connector Name	NAVI CONTROL UNIT			Terminal No.	55	Color of Wire	-	Signal Name [Specification]	GPS ANTENNA SIGNAL
Connector Type	FAKFA			Terminal No.	55	Color of Wire	-	Signal Name [Specification]	SHIELD
Connector No.	M317	Signal Name [Specification]		Terminal No.	4	Color of Wire	G	Signal Name [Specification]	USB GND
Connector Name	USB CONNECTOR AND AUX. JACK			Terminal No.	4	Color of Wire	R	Signal Name [Specification]	USB D-
Connector Type	GT17H-IS-HU			Terminal No.	4	Color of Wire	L	Signal Name [Specification]	USB D+
Connector No.	M318	Signal Name [Specification]		Terminal No.	1	Color of Wire	G	Signal Name [Specification]	USB GND
Connector Name	USB CONNECTOR AND AUX. JACK			Terminal No.	2	Color of Wire	R	Signal Name [Specification]	USB D-
Connector Type	TQ04FW			Terminal No.	3	Color of Wire	L	Signal Name [Specification]	USB D+
Connector No.	M319	Signal Name [Specification]		Terminal No.	6	Color of Wire	G	Signal Name [Specification]	AUDIO R
Connector Name	NAVI CONTROL UNIT			Terminal No.	7	Color of Wire	R	Signal Name [Specification]	AUDIO GND
Connector Type	GT17S-SDS-HU			Terminal No.	9	Color of Wire	W	Signal Name [Specification]	AUDIO L
Connector No.	M320	Signal Name [Specification]		Terminal No.	1	Color of Wire	-	Signal Name [Specification]	ANTENNA BASE
Connector Name	ANTENNA BASE			Terminal No.	2	Color of Wire	-	Signal Name [Specification]	GT16C-1PP-HU
Connector Type	GT16C-1PP-HU			Terminal No.	4	Color of Wire	-	Signal Name [Specification]	SATELLITE ANTENNA
Connector No.	M325	Signal Name [Specification]		Terminal No.	1	Color of Wire	-	Signal Name [Specification]	ANTENNA BASE
Connector Name	PARK POSITION SWITCH			Terminal No.	2	Color of Wire	-	Signal Name [Specification]	ANTENNA BASE
Connector Type	-			Terminal No.	2	Color of Wire	-	Signal Name [Specification]	ANTENNA BASE
Connector No.	M327	Signal Name [Specification]		Terminal No.	12	Color of Wire	-	Signal Name [Specification]	EPS CONTROL UNIT
Connector Name	EPS CONTROL UNIT			Terminal No.	11	Color of Wire	-	Signal Name [Specification]	EPS CONTROL UNIT
Connector Type	TTRBF0Y			Terminal No.	10	Color of Wire	-	Signal Name [Specification]	EPS CONTROL UNIT
Connector No.	M328	Signal Name [Specification]		Terminal No.	13	Color of Wire	-	Signal Name [Specification]	TORQUE SENSOR POWER SUPPLY
Connector Name	EPS CONTROL UNIT			Terminal No.	14	Color of Wire	-	Signal Name [Specification]	TORQUE SENSOR SUB
Connector Type	LU2FL			Terminal No.	15	Color of Wire	-	Signal Name [Specification]	TORQUE SENSOR GND

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CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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MAIN HARNESS

Connector No.	M350
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02F1-2V



Terminal No.	Color of Wire	Signal Name [Specification]
10	-	-
11	-	-

Connector No.	M351
Connector Name	DRIVER AIR BAG MODULE
Connector Type	ACA02FOR



Terminal No.	Color of Wire	Signal Name [Specification]
9	-	-
12	-	-

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JRMWC6617GB

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

R Room Lamp Harness

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ROOM LAMP HARNESS

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	INS1FW-CS



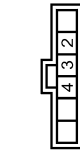
Terminal No.	Color of Wire	Signal Name [Specification]
6	Y	-
7	L	-
8	Y	-
9	BR	-
10	B	-
16	G	-

Connector No.	R3
Connector Name	WIRE TO WIRE
Connector Type	TR04MW-NH



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

Connector No.	R4
Connector Name	MAP LAMP
Connector Type	GAA0BFW



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

Connector No.	R6
Connector Name	ROOM LAMP
Connector Type	CO2FW



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

Connector No.	R20
Connector Name	WIRE TO WIRE
Connector Type	TR04FW-NH



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

2	SHIELD
4	R

Connector No.	R21
Connector Name	MICROPHONE
Connector Type	TR04FW



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

CONNECTOR INFORMATION

[POWER SUPPLY & GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

T Tail Harness

INFOID:000000007969663

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TAIL HARNESS

Connector No.	T2
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RK0ZFBR



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

Connector No.	T3
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RK0ZFBR



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

Connector No.	T4
Connector Name	SIDE MARKER LAMP LH
Connector Type	HS02FG-W



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

Connector No.	T5
Connector Name	SIDE MARKER LAMP RH
Connector Type	HS02FG-W



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

Connector No.	T6
Connector Name	WIRE TO WIRE
Connector Type	RH04MB



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

HARNESS CONNECTOR

Description

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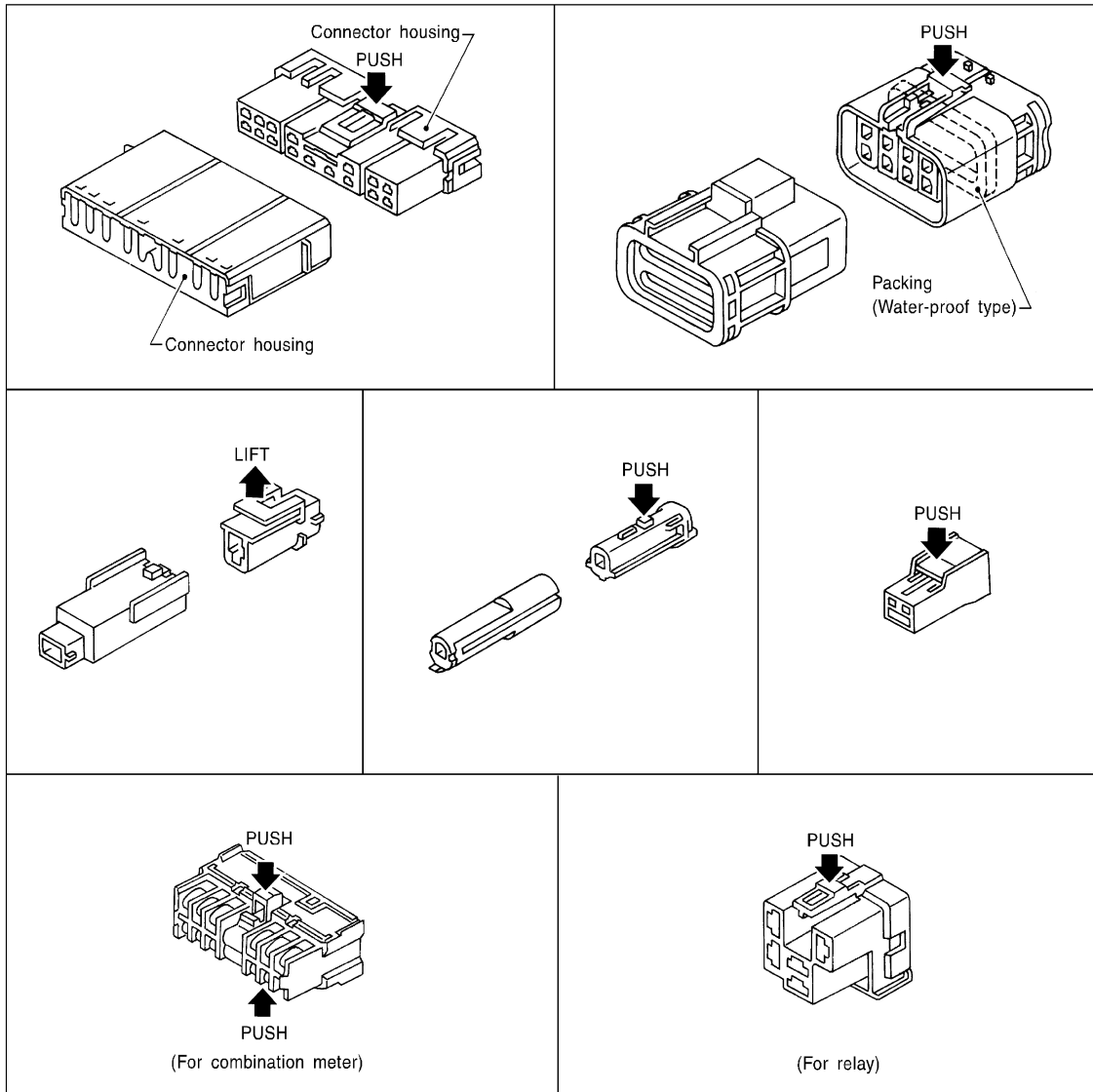
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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.

HARNESS CONNECTOR

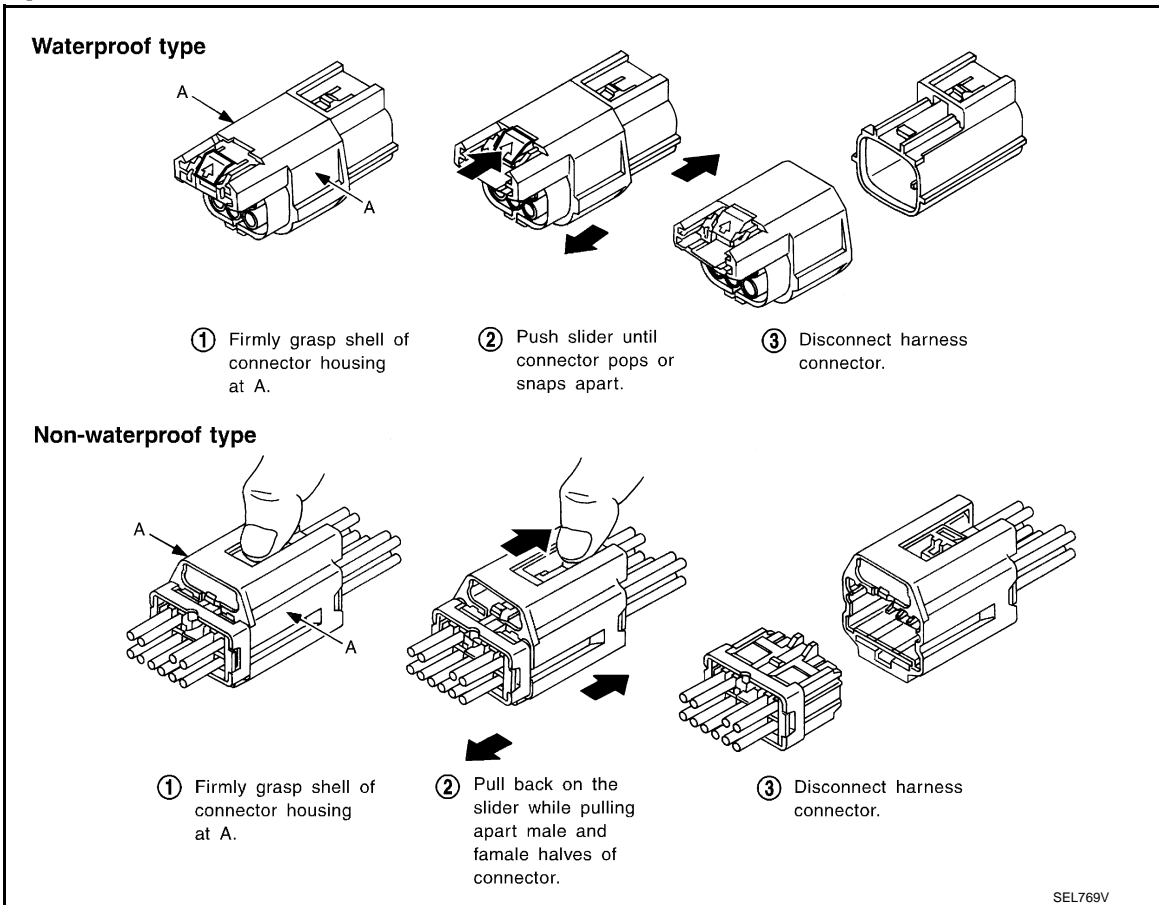
< DTC/CIRCUIT DIAGNOSIS >

[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:

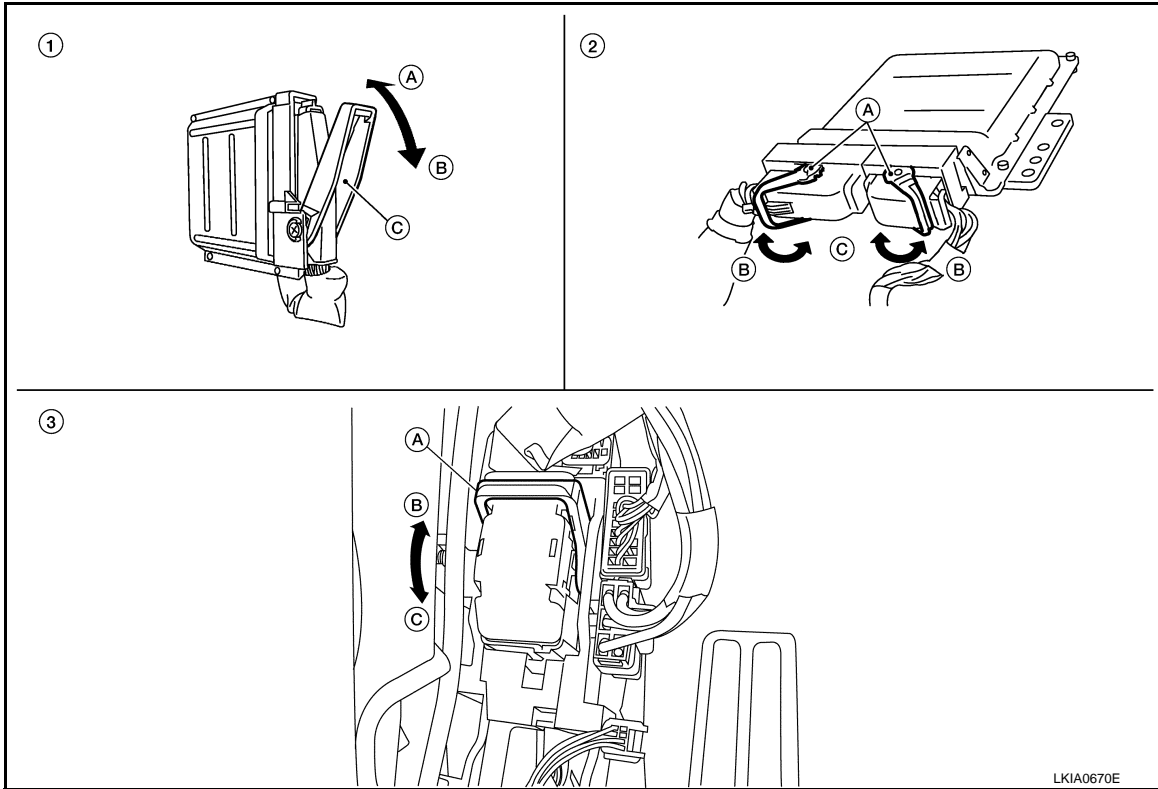
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HARNESS CONNECTOR

< 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

STANDARDIZED RELAY

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

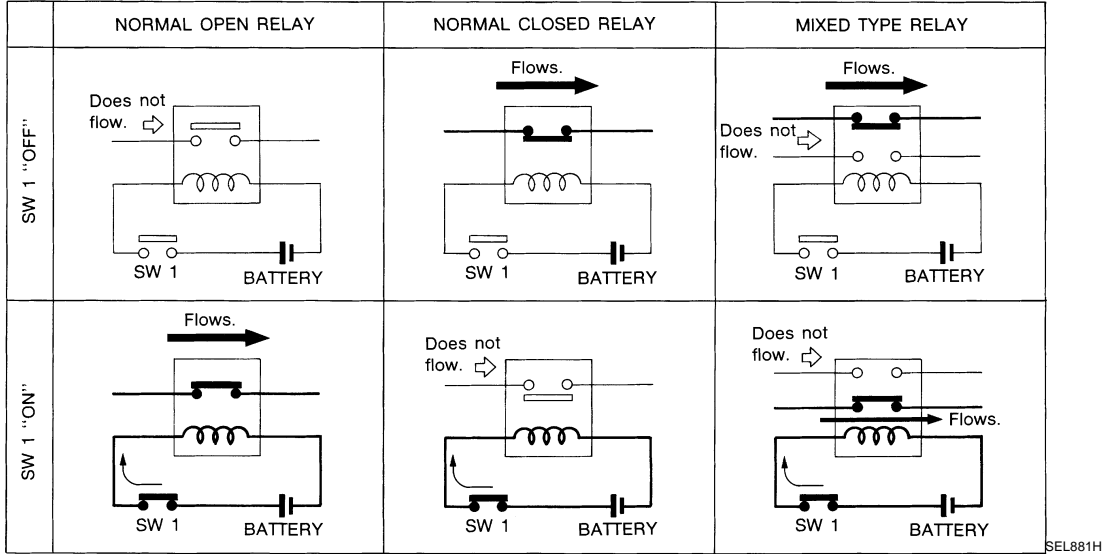
STANDARDIZED RELAY

Description

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NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



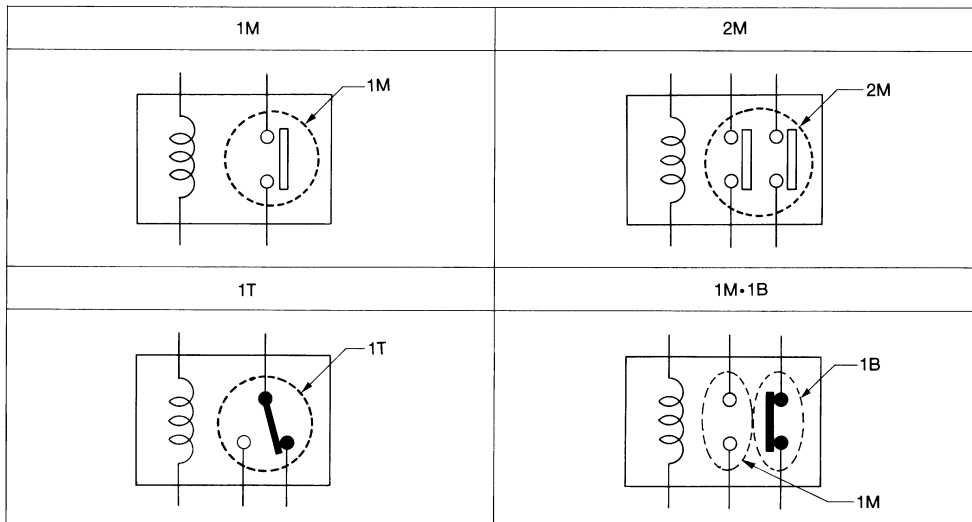
TYPE OF STANDARDIZED RELAYS

1M 1 Make

2M 2 Make

1T 1 Transfer

1M-1B 1 Make 1 Break

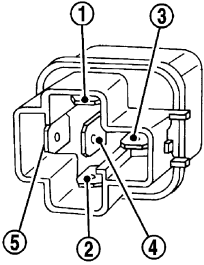
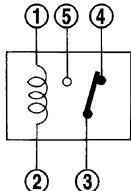
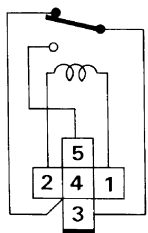
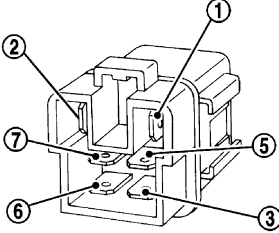
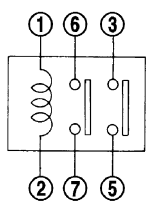
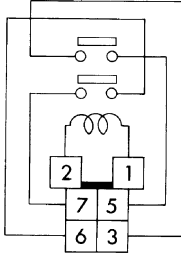
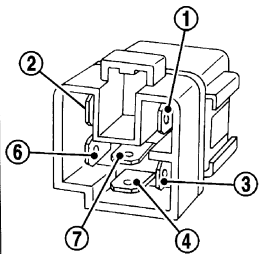
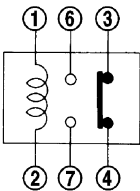
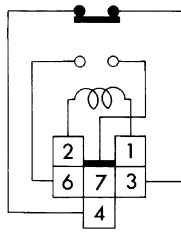
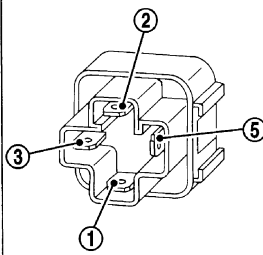
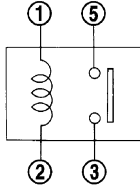
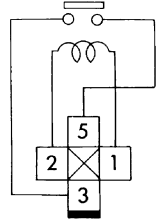
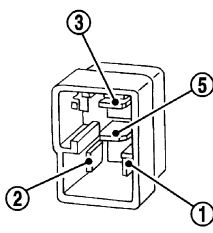
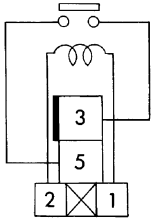


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STANDARDIZED RELAY

< 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.

SEL188W

FUSE BLOCK - JUNCTION BOX (J/B)

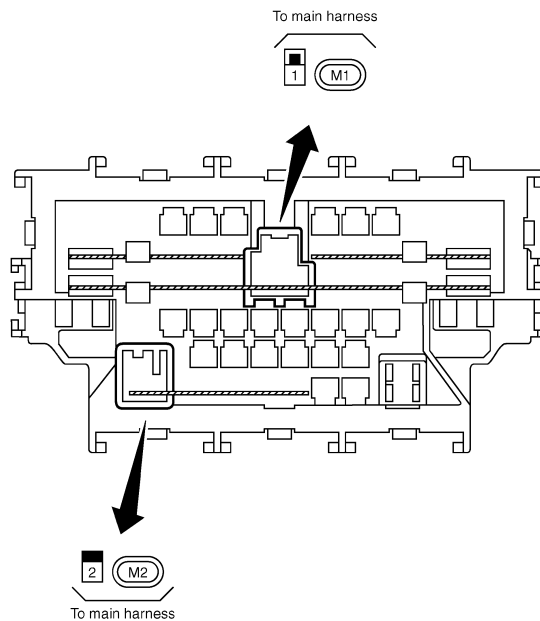
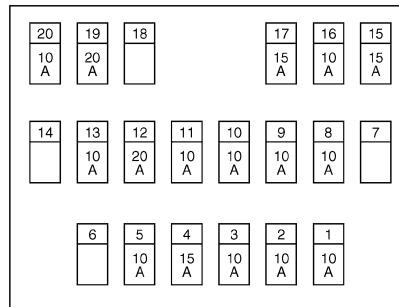
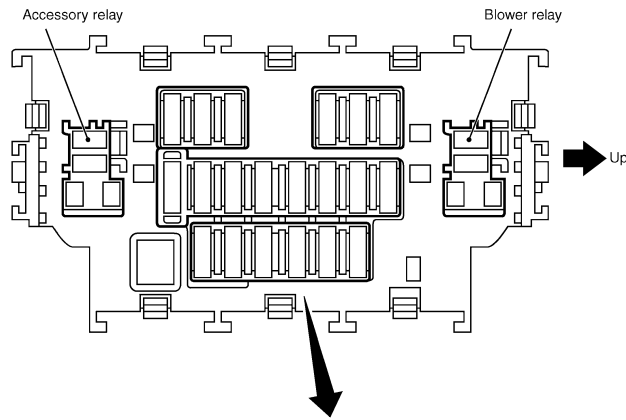
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

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FUSE, FUSIBLE LINK AND RELAY BOX

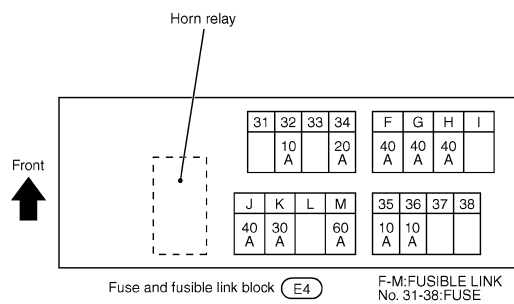
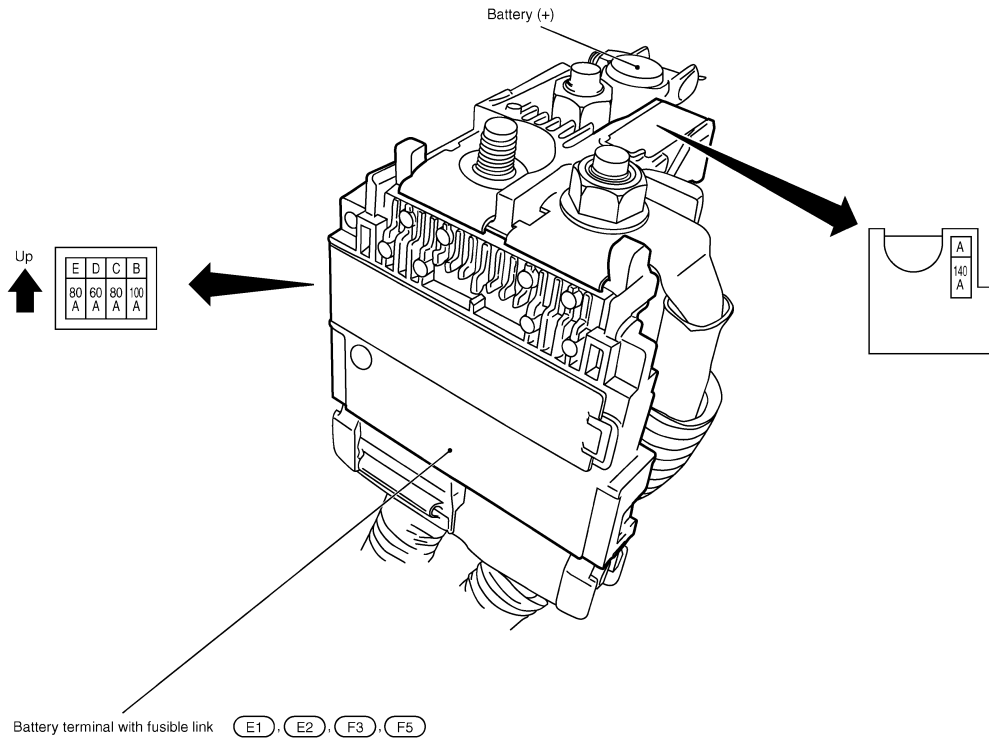
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

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

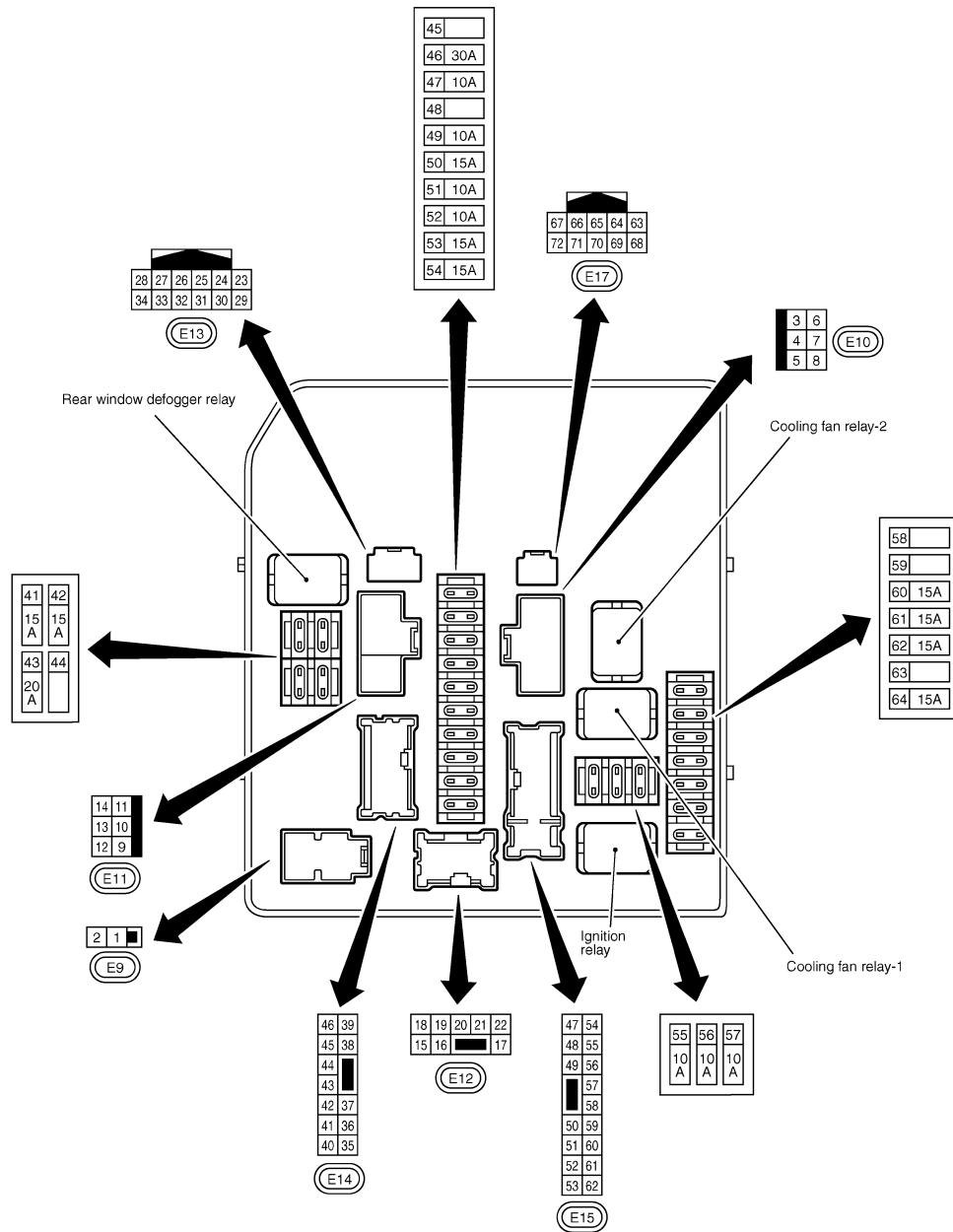
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY & GROUND CIRCUIT]

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

Fuse, Connector and Terminal Arrangement

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To engine room harness

2010/10/14

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PRECAUTION

PRECAUTIONS

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

INFOID:000000007769431

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.

PREPARATION

[POWER SUPPLY & GROUND CIRCUIT]

< PREPARATION >

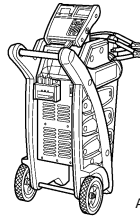
PREPARATION

PREPARATION

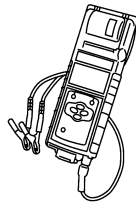
Special Service Tools

INFOID:000000007981629

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



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BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY & GROUND CIRCUIT]

REMOVAL AND INSTALLATION

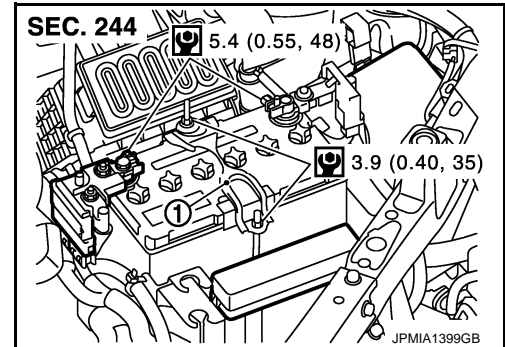
BATTERY

Exploded View

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1 : Battery fix frame

Refer to [GI-4, "Components"](#) for symbols in the figure.



Removal and Installation

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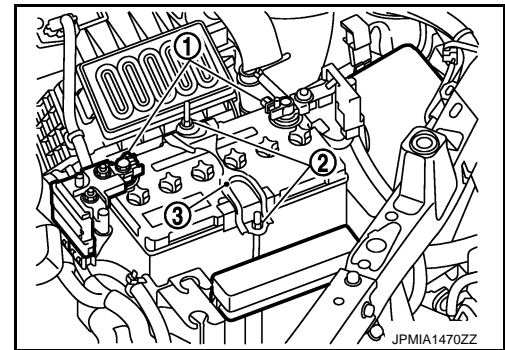
REMOVAL

1. Remove resonator.
2. Remove cover of battery positive terminal.
3. 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.

4. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
5. Remove battery.



INSTALLATION

Install in the reverse order of removal.

CAUTION:

When connecting, connect the battery cable to the positive terminal first.

Reset electronic systems as necessary. Refer to [GI-52, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

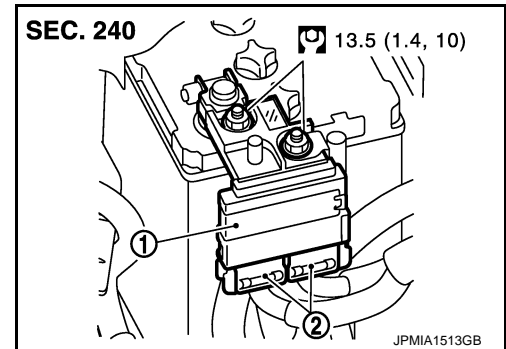
[POWER SUPPLY & GROUND CIRCUIT]

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000007769435

- 1 : Battery terminal with fusible link
 - 2 : Harness connector
- Refer to [GI-4. "Components"](#) for symbols in the figure.

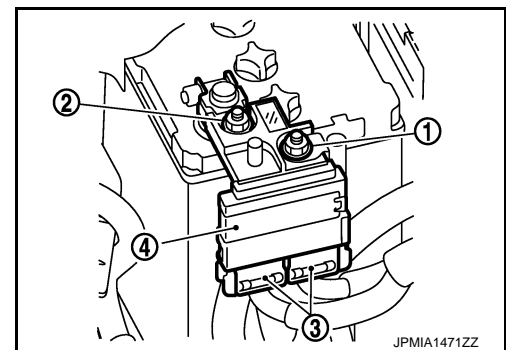


Removal and Installation

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REMOVAL

1. Disconnect the battery cable from the negative terminal.
2. Remove cover of battery positive terminal.
3. Remove harness mounting nut (1) and fusible link holder mounting nut (2).
4. Disconnect harness connector (3) and remove battery terminal with fusible link (4).



INSTALLATION

Install in the reverse order of removal.

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

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:000000007769437

Type		55D23L
20 hour rate capacity	[V – Ah]	12 – 60
Cold cranking current (For reference value)	[A]	356