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**POWER SUPPLY, GROUND & CIRCUIT ELEMENTS**

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## BASIC INSPECTION

### BATTERY

#### How to Handle Battery

INFOID:000000008193276

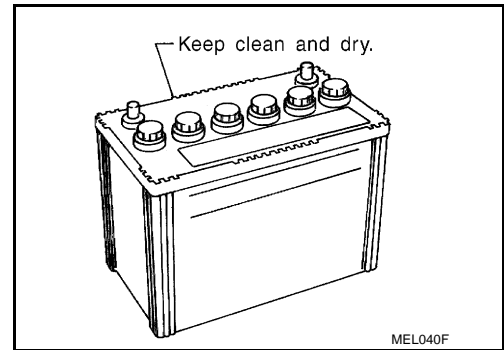
**CAUTION:**

- 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.

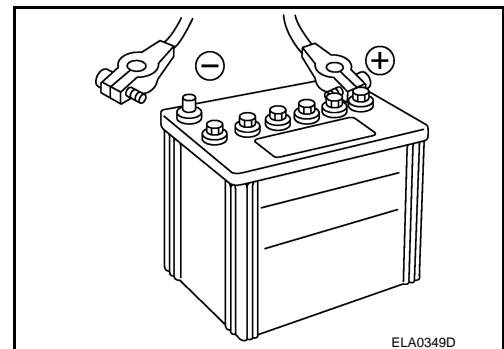
#### METHODS OF PREVENTING OVER-DISCHARGE

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

INFOID:000000008193277

#### 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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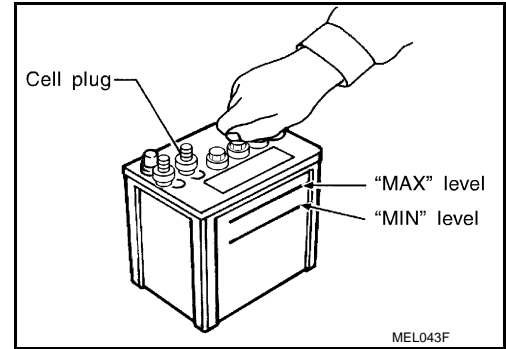
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# BATTERY

## < BASIC INSPECTION >

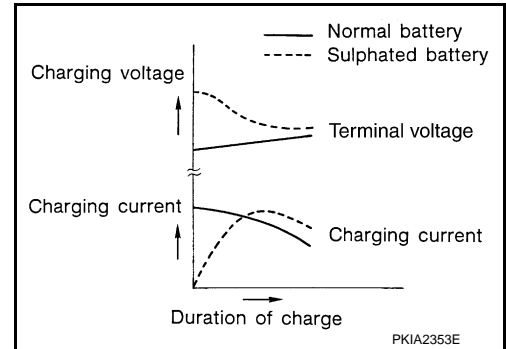
## [POWER SUPPLY&GROUND CIRCUIT]

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



## SULPHATION

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



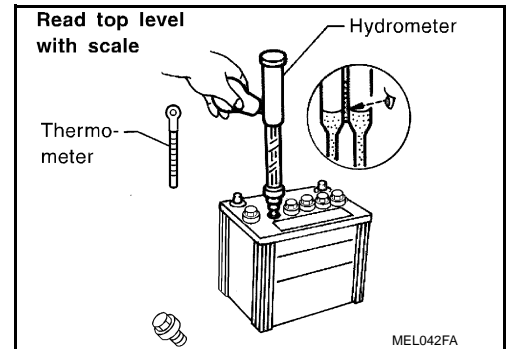
## Specific Gravity Check

### NOTE:

Check the charge condition of the battery.

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

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



## Hydrometer Temperature Correction

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

# BATTERY

< BASIC INSPECTION >

[POWER SUPPLY&GROUND CIRCUIT]

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

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

## Charging The Battery

### CAUTION:

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

### Charging Rates (Standard Charge)

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

### Charging Rates (Quick Charge)

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

### NOTE:

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

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

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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY&GROUND CIRCUIT]

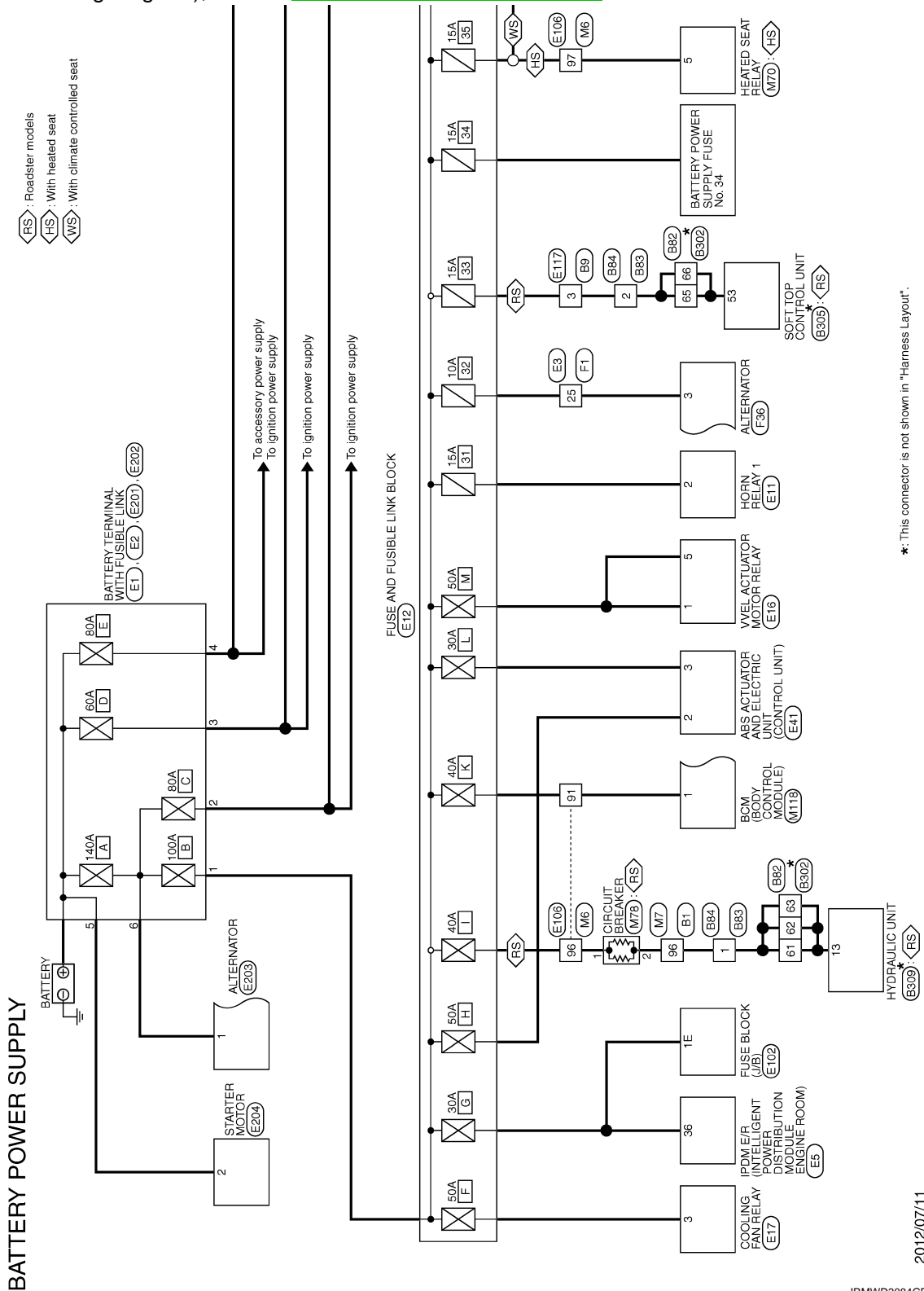
## DTC/CIRCUIT DIAGNOSIS

### POWER SUPPLY ROUTING CIRCUIT

#### Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:000000008193278

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

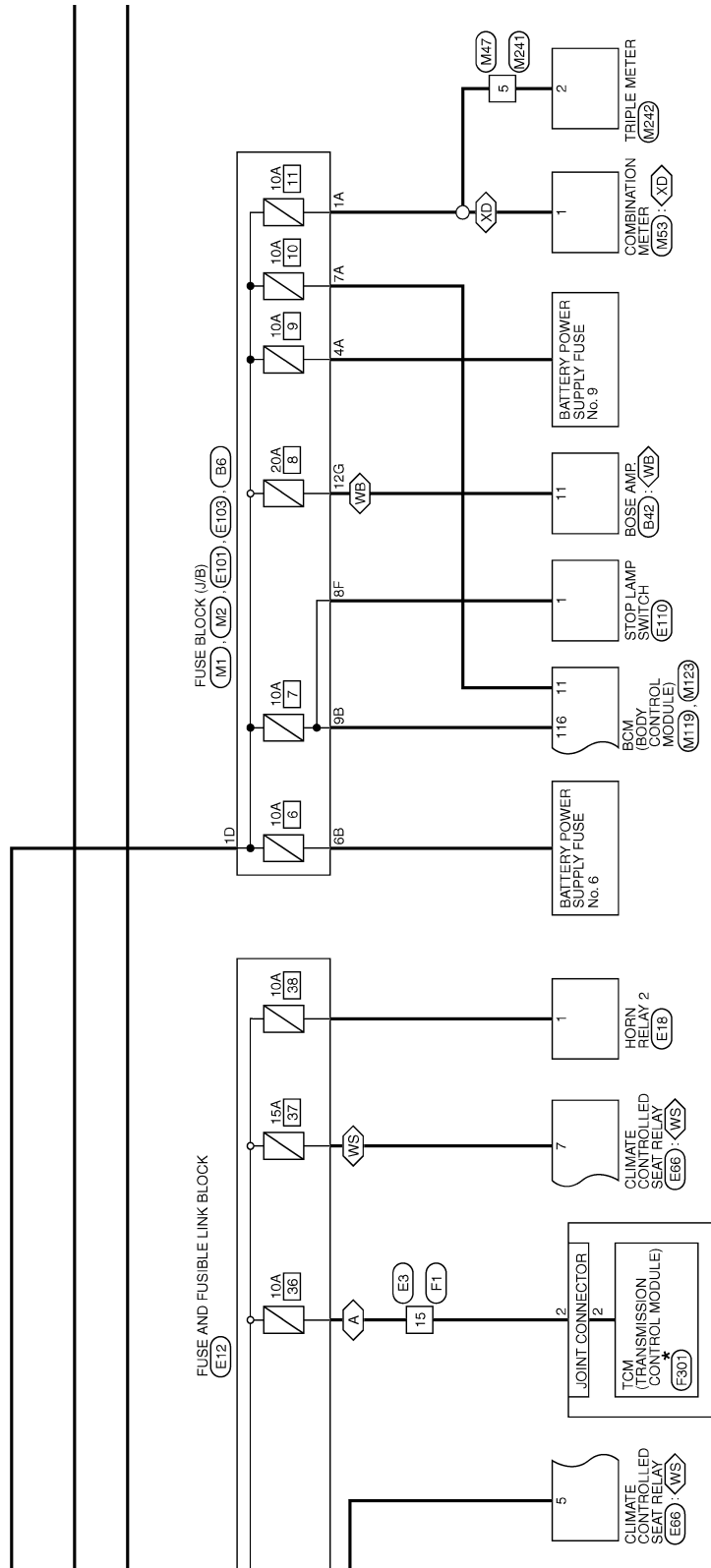


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

- : With A/T
- : With BOSE system
- : With climate controlled seat
- : Without front door satellite sensor



JRMWD3085GB

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

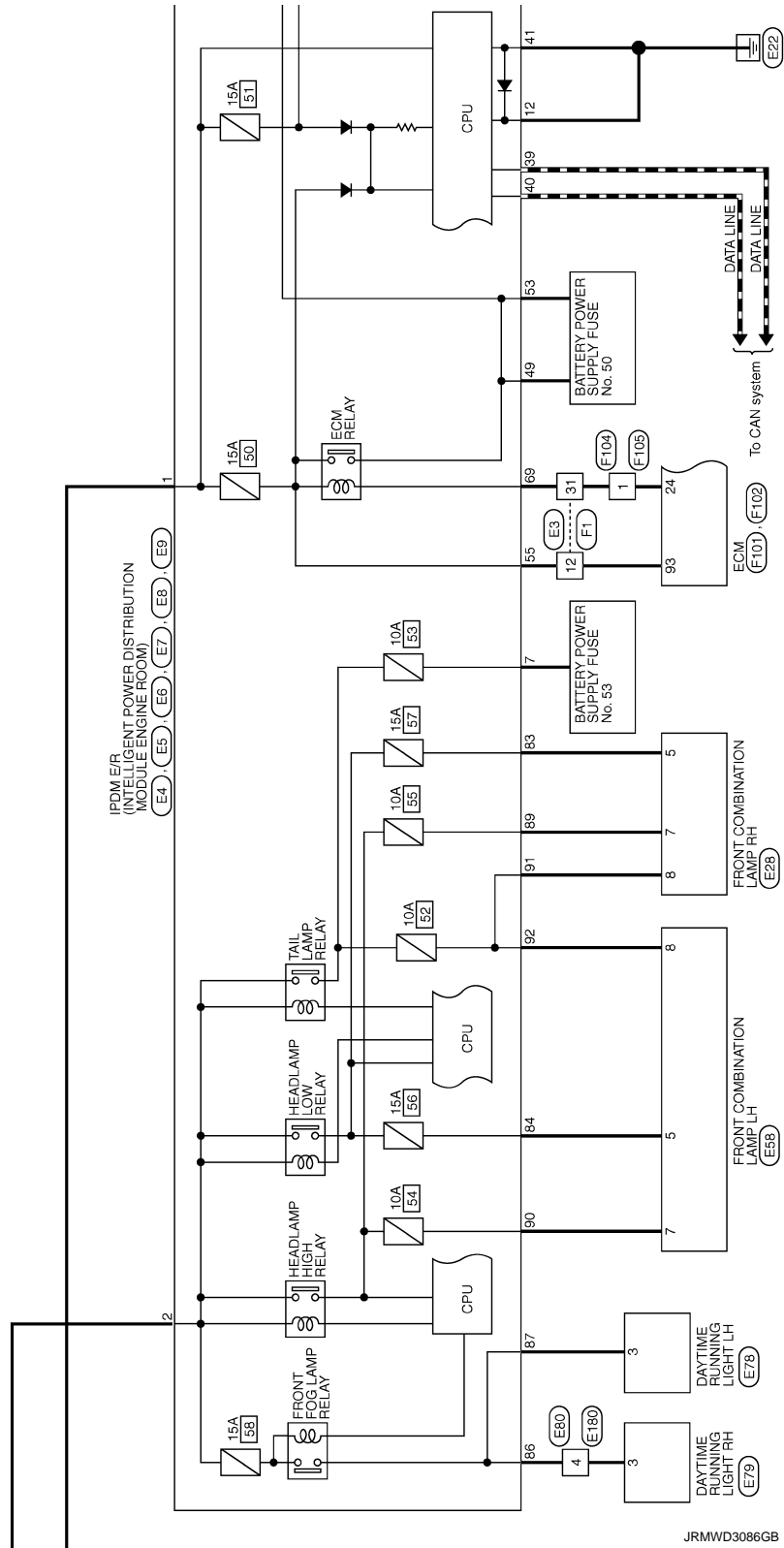
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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



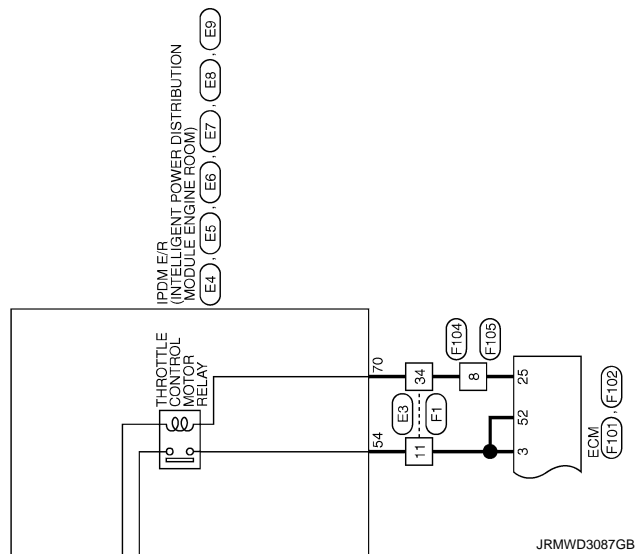


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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
# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >





[POWER SUPPLY&GROUND CIRCUIT]

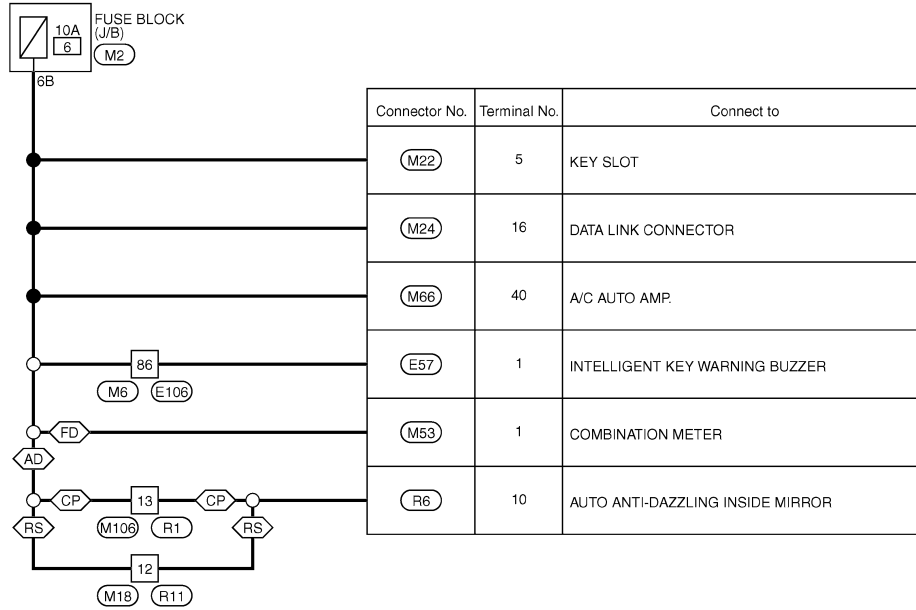
## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000008193279

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

### BATTERY POWER SUPPLY FUSE No. 6

-  : Coupe models
-  : Roadster models
-  : With auto anti-dazzling inside mirror
-  : With Front door satellite sensor



2012/07/11

JRMWD3088GB


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY&GROUND CIRCUIT]

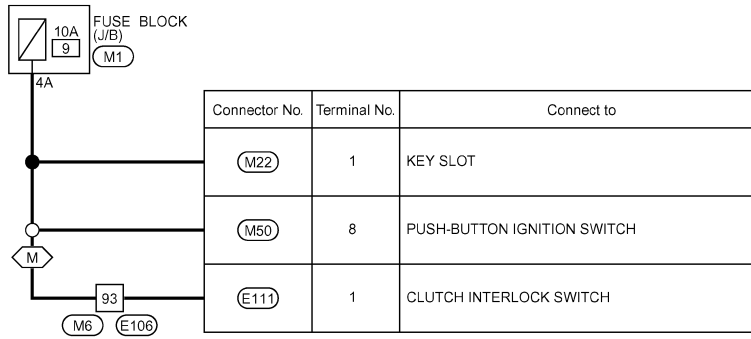
## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 -

INFOID:000000008193280

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

### BATTERY POWER SUPPLY FUSE No. 9

 : With M/T



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JCMWA3269GB


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

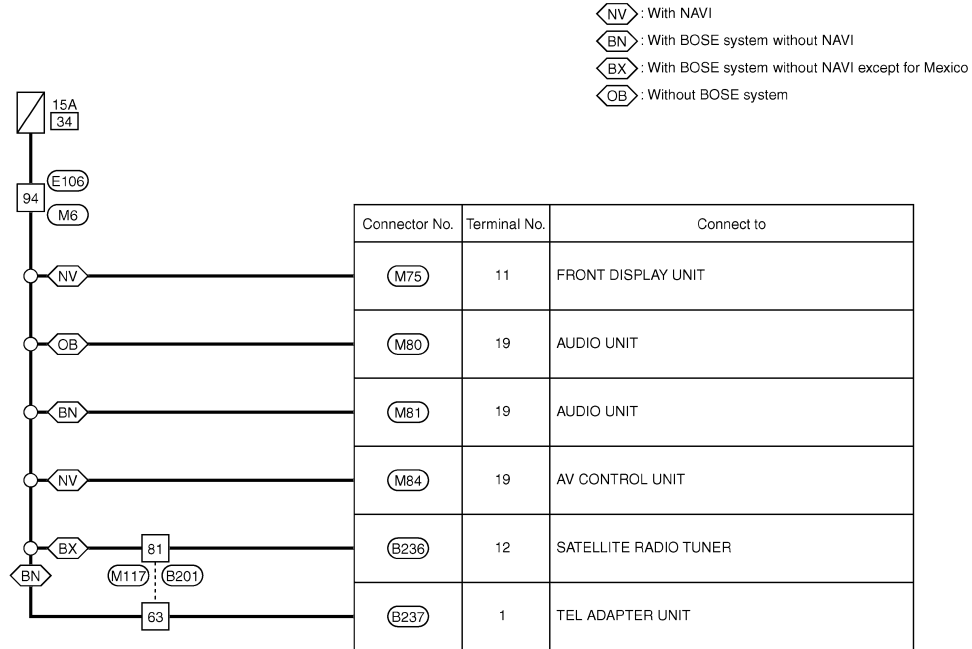
[POWER SUPPLY&GROUND CIRCUIT]

## Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 34 -

INFOID:000000008193281

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



2012/04/18

JRMWD0792GB


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

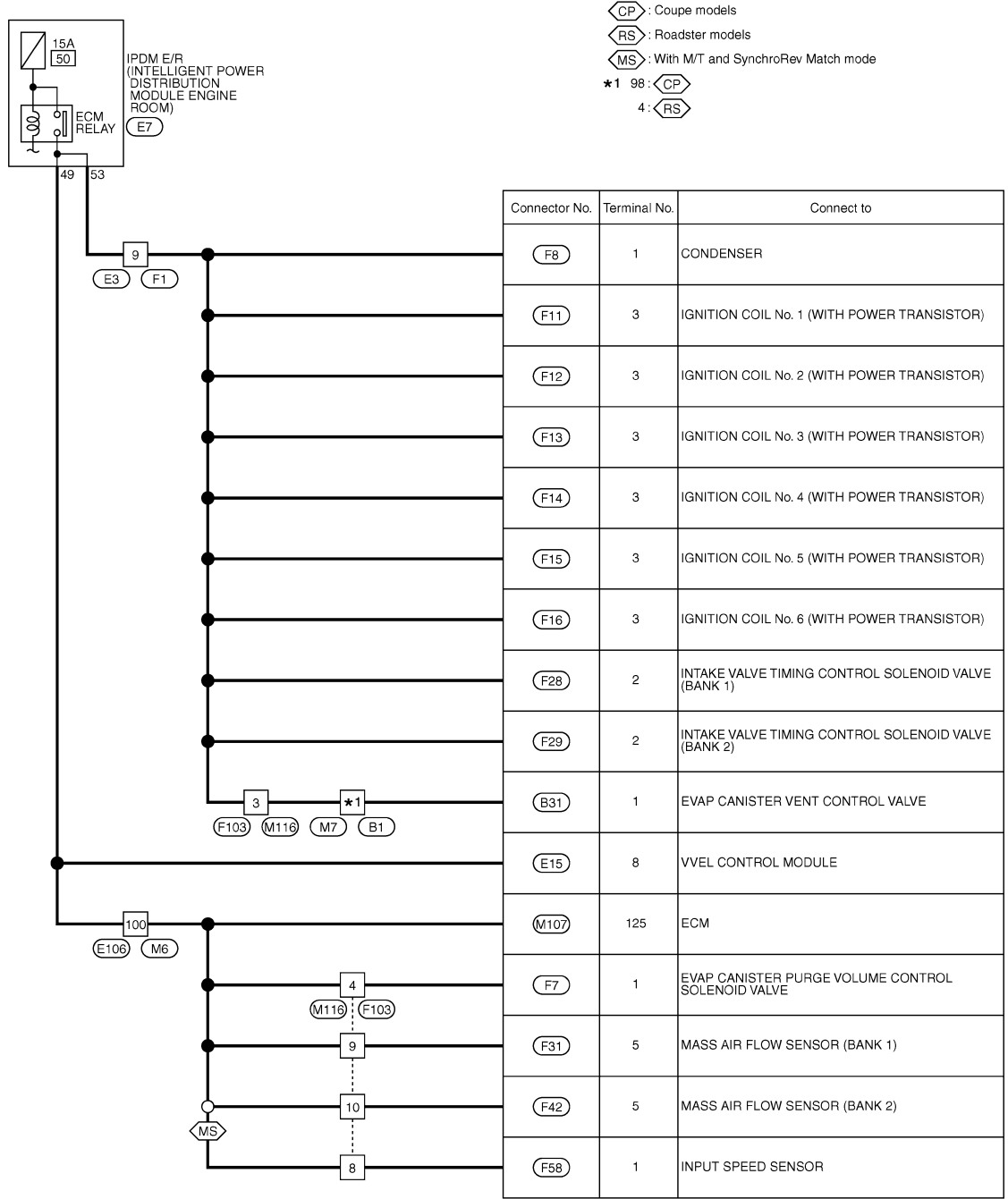
[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000008193282

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

### BATTERY POWER SUPPLY FUSE No. 50



2009/07/10

JCMWM4804GB

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
# POWER SUPPLY ROUTING CIRCUIT

## [POWER SUPPLY&GROUND CIRCUIT]

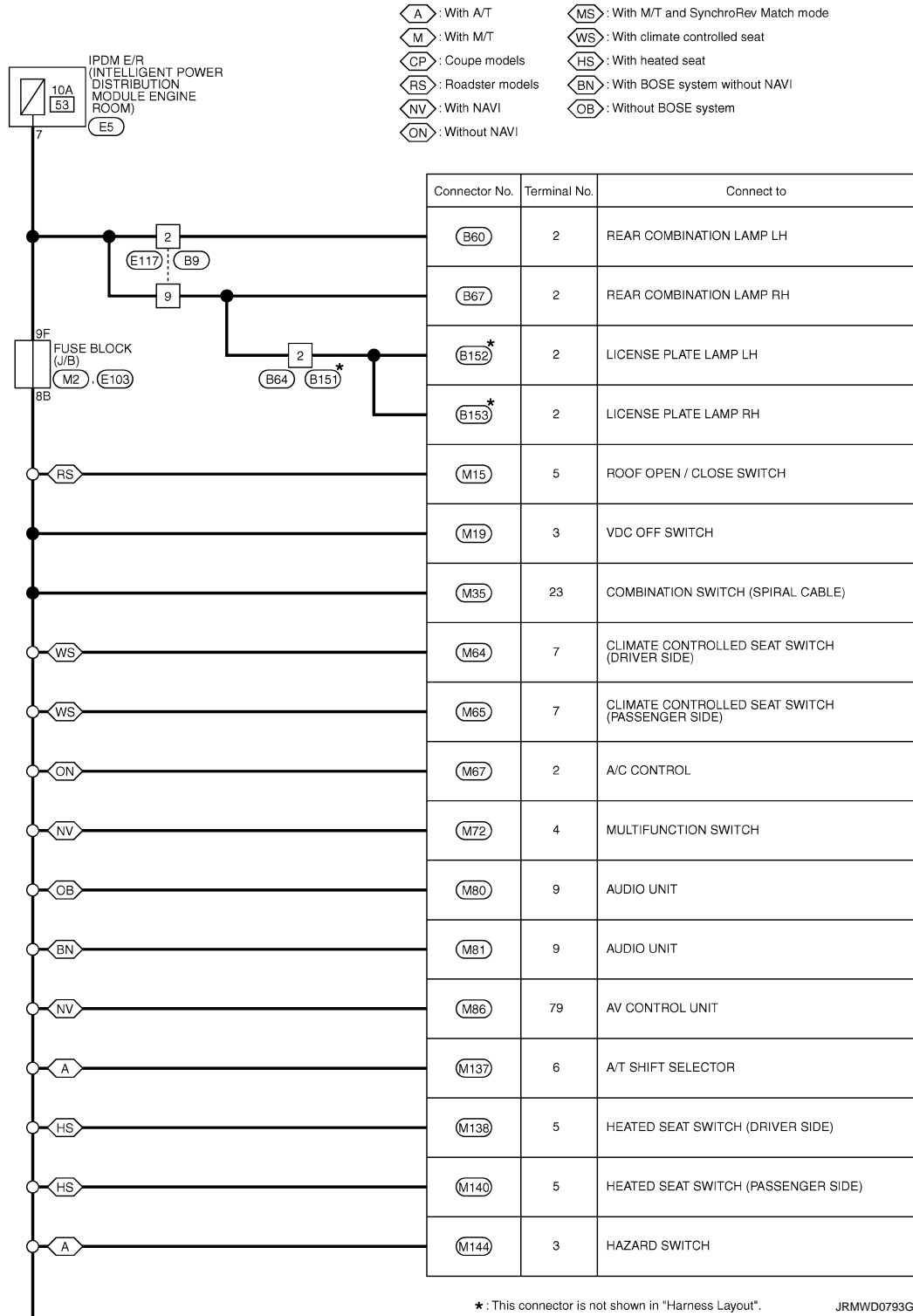
< DTC/CIRCUIT DIAGNOSIS >

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

INFOID:00000008193283

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

#### BATTERY POWER SUPPLY FUSE No. 53

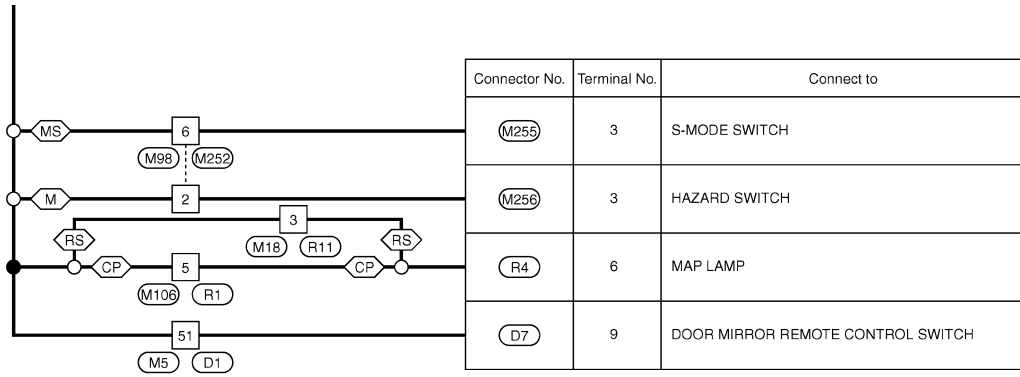


- (A) : With A/T
- (M) : With M/T
- (CP) : Coupe models
- (RS) : Roadster models
- (NV) : With NAVI
- (ON) : Without NAVI
- (MS) : With M/T and SynchroRev Match mode
- (WS) : With climate controlled seat
- (HS) : With heated seat
- (BN) : With BOSE system without NAVI
- (OB) : Without BOSE system

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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
# POWER SUPPLY ROUTING CIRCUIT

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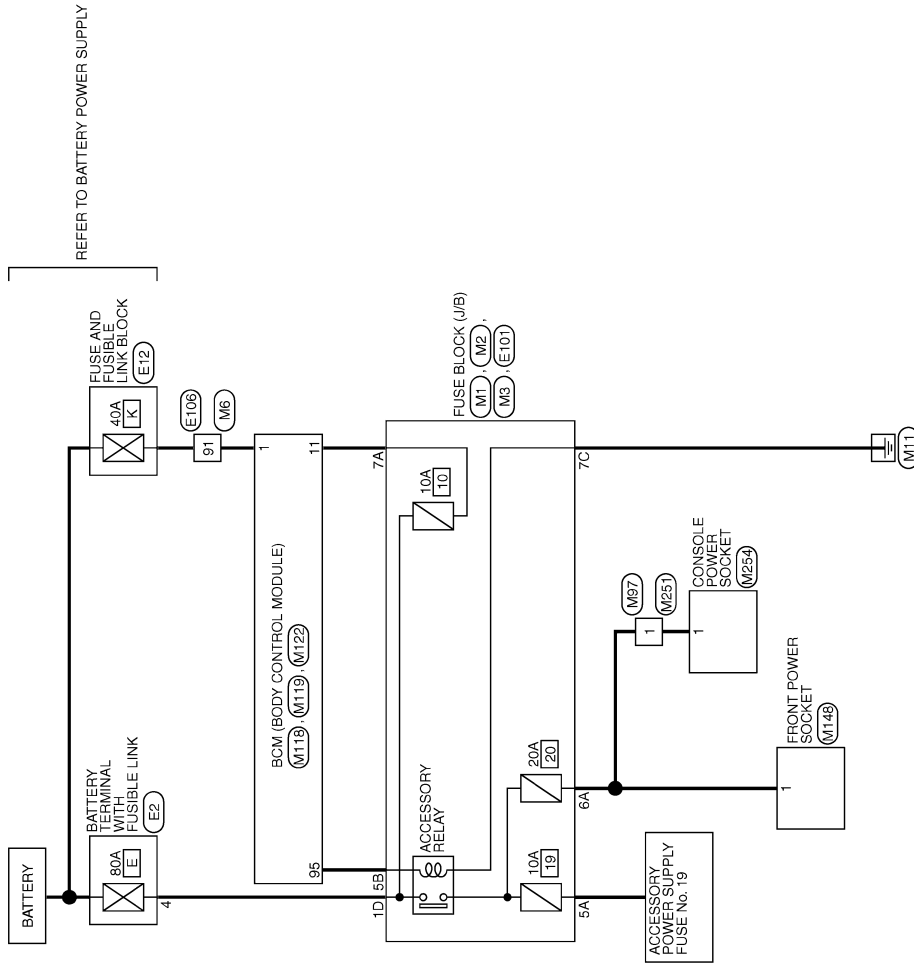
[POWER SUPPLY&GROUND CIRCUIT]

## Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000008193284

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



2011/07/19

JRMWC4675GB




# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >






[POWER SUPPLY&GROUND CIRCUIT]

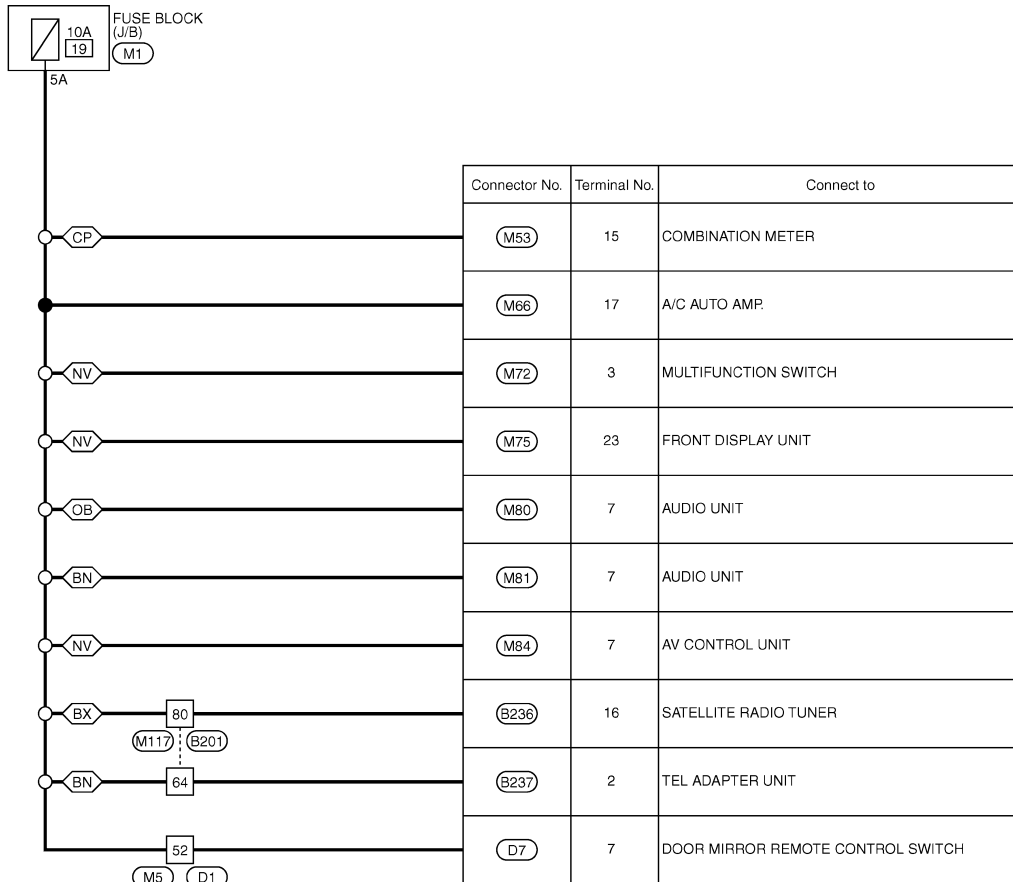
## Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 19 -

INFOID:00000008193285

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

### ACCESSORY POWER SUPPLY FUSE No. 19

-  : Coupe models
-  : With NAVI
-  : With BOSE system without NAVI
-  : With BOSE system without NAVI except for Mexico
-  : Without BOSE system



2012/04/18

JRMWD0795GB

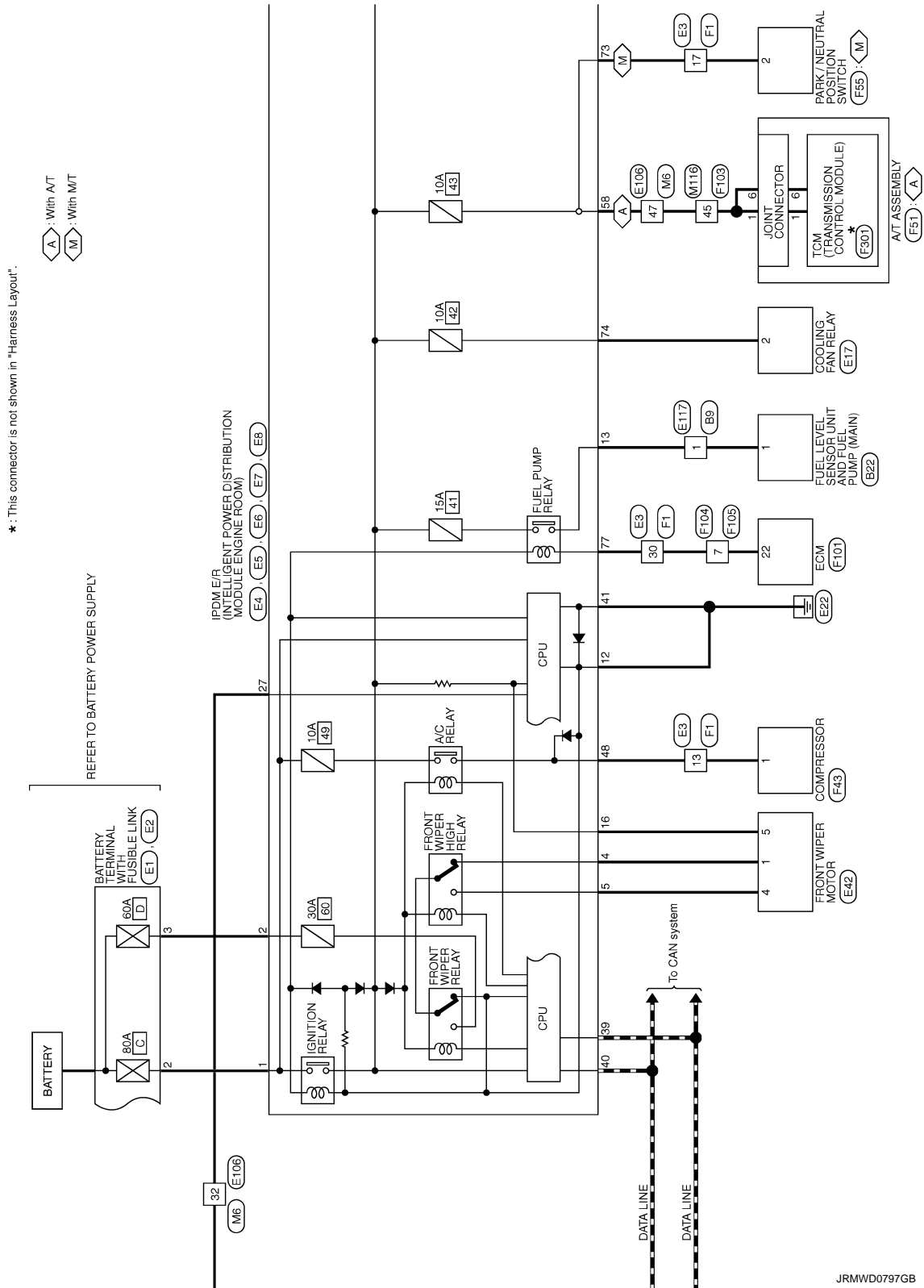
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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



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

⬡ : With A/T  
⬢ : With M/T

REFER TO BATTERY POWER SUPPLY

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

JRMWD0797GB

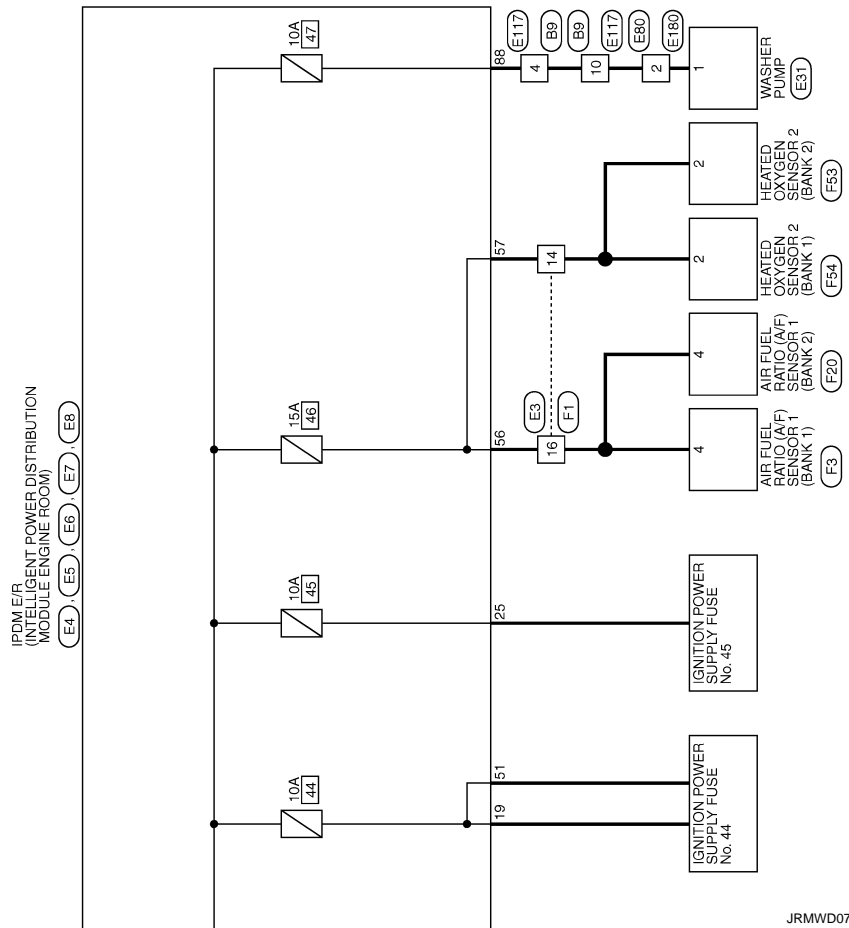
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# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]



JRMWD0798GB


# POWER SUPPLY ROUTING CIRCUIT

## [POWER SUPPLY&GROUND CIRCUIT]













< DTC/CIRCUIT DIAGNOSIS >

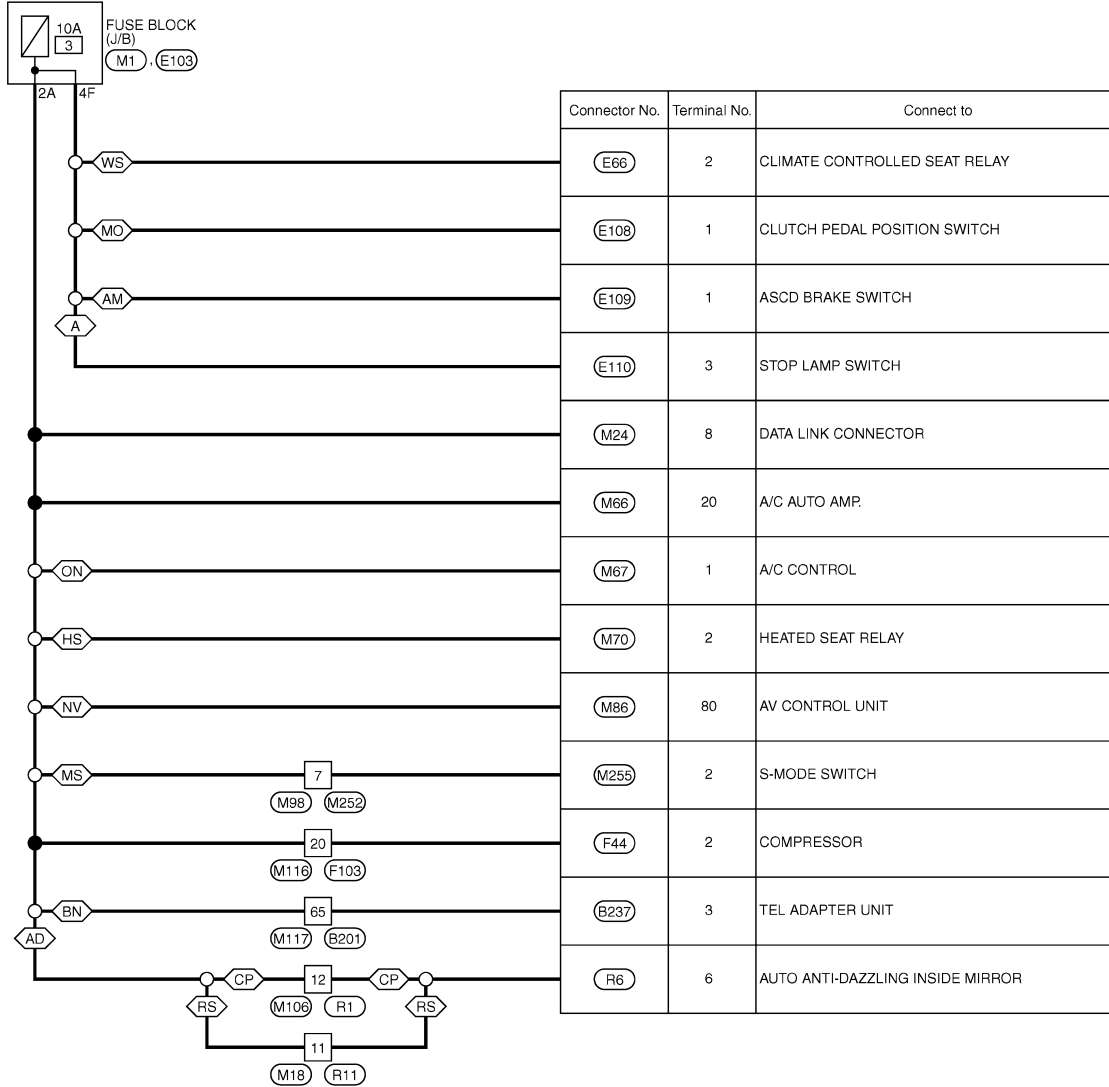
### Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000008193287

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

#### IGNITION POWER SUPPLY FUSE No. 3

-  A > : With A/T
-  MS > : With M/T and SynchroRev Match mode
-  AM > : With A/T or with M/T and SynchroRev Match mode
-  MO > : With M/T without SynchroRev Match mode
-  CP > : Coupe models
-  RS > : Roadster models
-  WS > : With climate controlled seat
-  HS > : With heated seat
-  AD > : With auto anti-dazzling inside mirror
-  NV > : With NAVI
-  ON > : Without NAVI
-  BN > : With BOSE system without NAVI



2012/04/18

JRMWD0799GB


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >



[POWER SUPPLY&GROUND CIRCUIT]

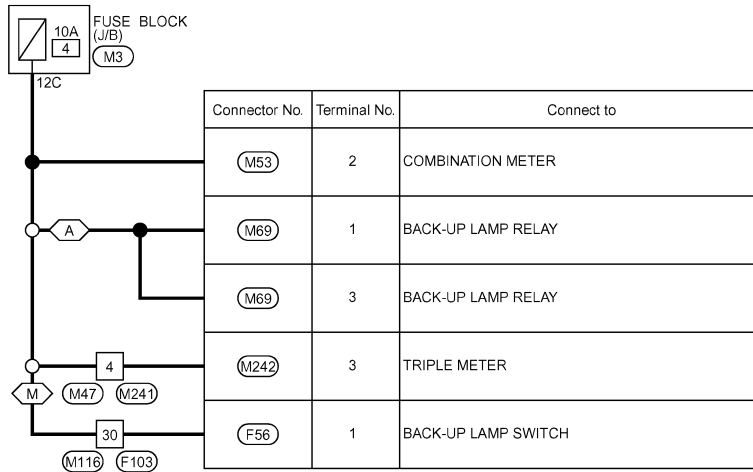
## Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 4 -

INFOID:000000008193288

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

### IGNITION POWER SUPPLY FUSE No. 4

 : With A/T  
 : With M/T



2008/09/12

JCMWA3306GB


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >


[POWER SUPPLY&GROUND CIRCUIT]

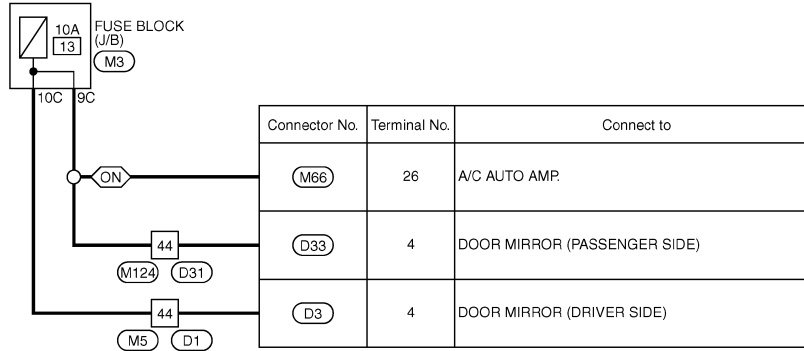
## Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 13 -

INFOID:000000008193289

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. 13

 Without NAVI



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

PG

2010/09/22

JCMWA6379GB


# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

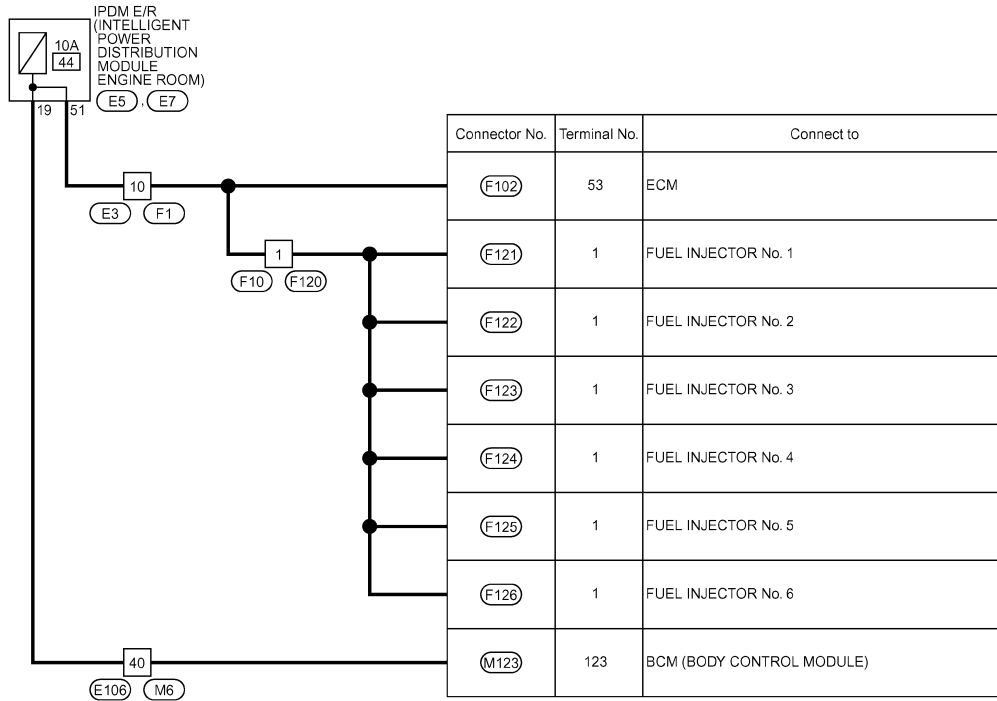
[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000008193290

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

### IGNITION POWER SUPPLY FUSE No. 44



2008/09/12

JCMWA3309GB




# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

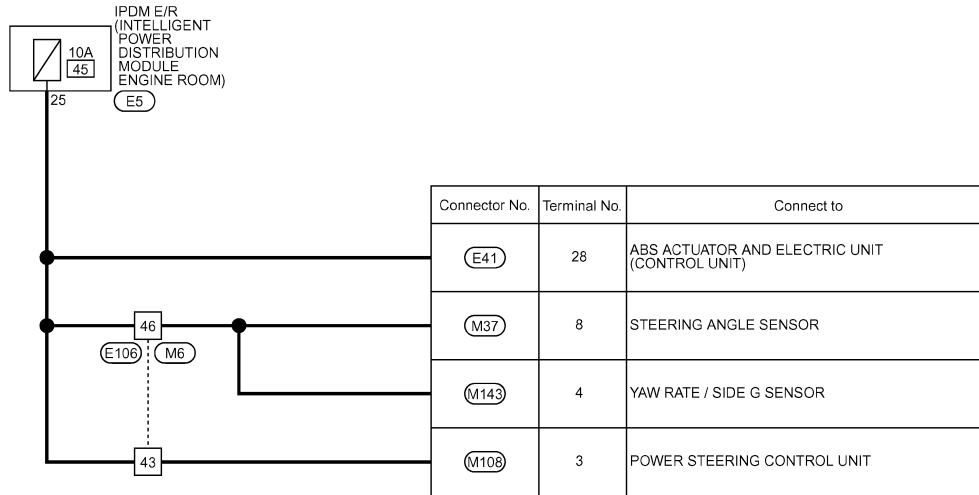
[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000008193291

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

### IGNITION POWER SUPPLY FUSE No. 45



2008/09/12

JCMWA3312GB

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

# POWER SUPPLY ROUTING CIRCUIT

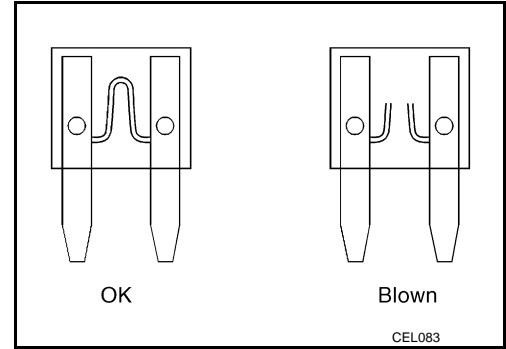
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## Fuse

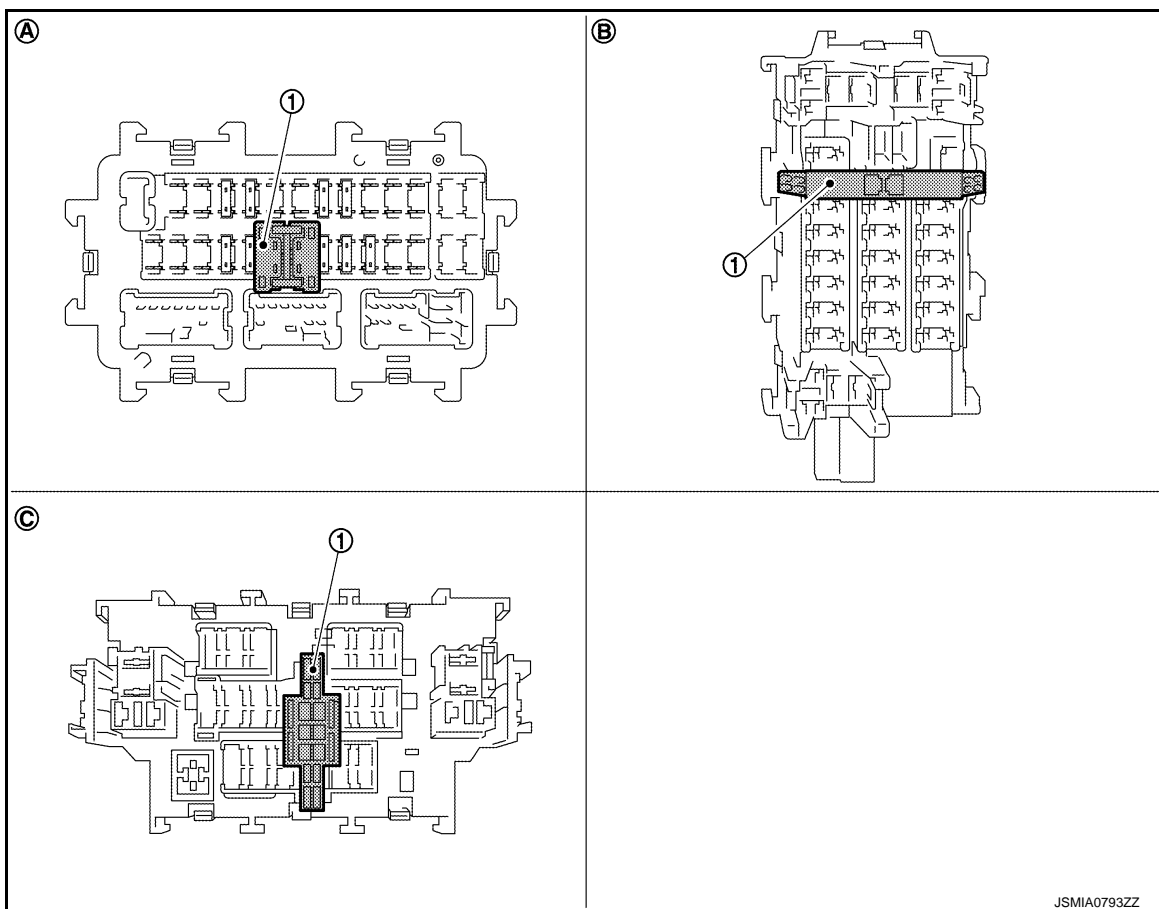
INFOID:000000008193292

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



## EXTENDED STORAGE FUSE SWITCH (IF EQUIPPED)

The following switch may be mounted on the fuse block (Junction Box) for transportation and storage.



1. Extended storage fuse switch

A. Type A

B. Type B

C. Type C

- Remove the extended storage fuse switch when replacing the fuse of extended storage fuse switch.
- Remove the extended storage fuse switch if it causes the interference when the fuse or the other fuses is checked.

How To Extended Storage Fuse Switch ON/OFF

### CAUTION:

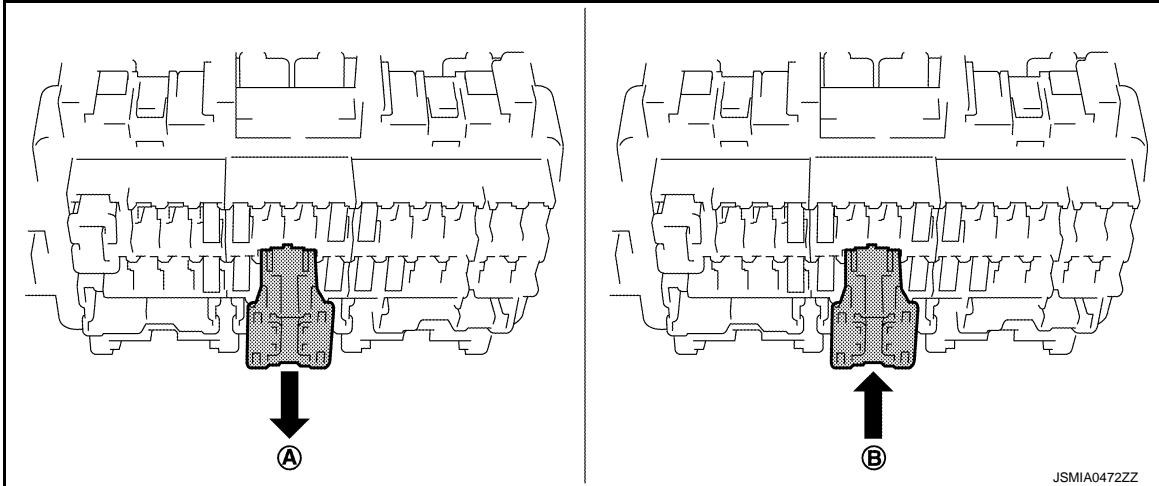
- Turn the ignition switch OFF when operating the extended storage fuse switch.
- Under normal conditions, keep the extended storage fuse switch in ON state. Never operate the extended storage fuse switch except when necessary.

# POWER SUPPLY ROUTING CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

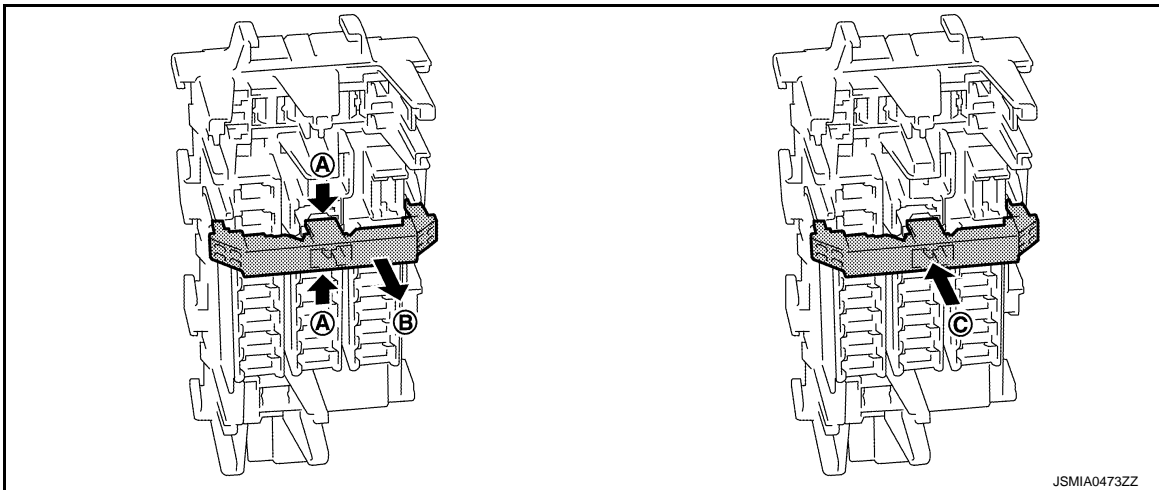
[POWER SUPPLY&GROUND CIRCUIT]

- Type A



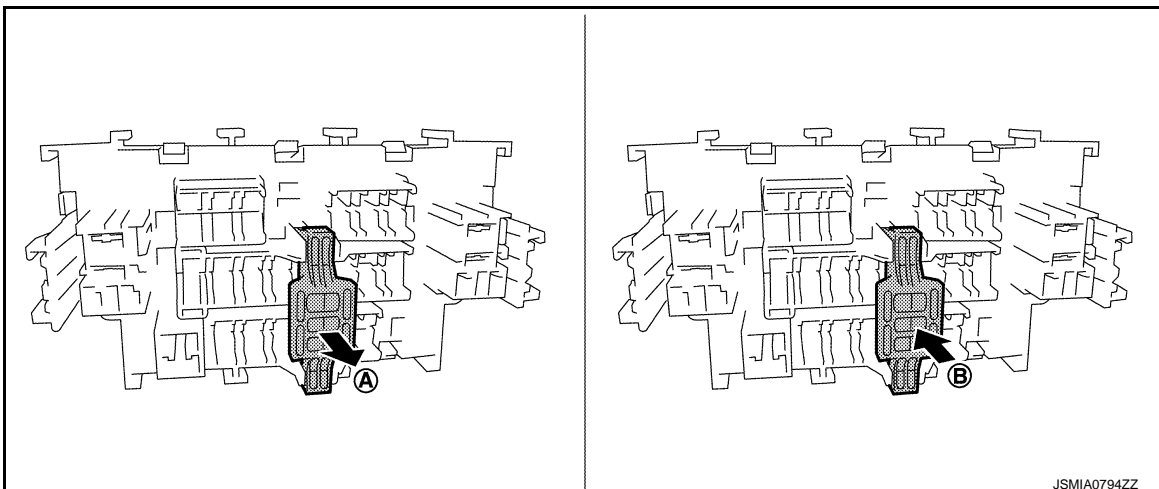
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

- Type B



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

- Type C



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

## How To Remove Extended Storage Fuse Switch

Type A

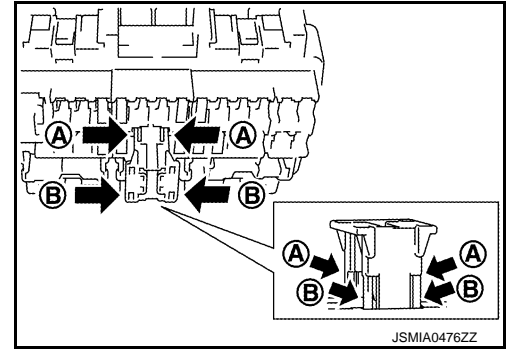
A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
PG  
N  
O  
P

# POWER SUPPLY ROUTING CIRCUIT

## [POWER SUPPLY&GROUND CIRCUIT]

### < DTC/CIRCUIT DIAGNOSIS >

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Press pawl (A) and tilt to disengage the extended storage fuse switch. Press pawl (B) and tilt to remove the extended storage fuse switch.

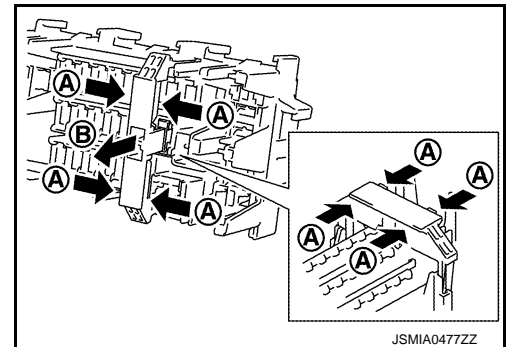


#### NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

#### Type B

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.

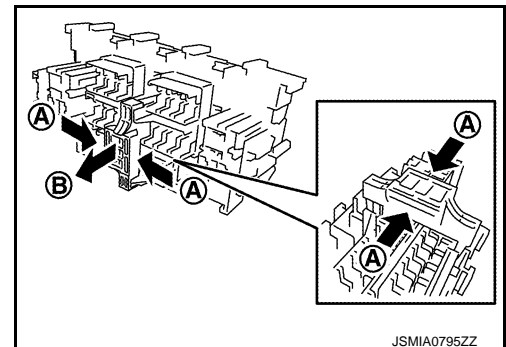


#### NOTE:

- Extended storage fuse switch and fuse may be removed together. Remove fuse from extended storage fuse switch, if necessary.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

#### Type C

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



#### NOTE:

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

# POWER SUPPLY ROUTING CIRCUIT

## [POWER SUPPLY&GROUND CIRCUIT]

### < DTC/CIRCUIT DIAGNOSIS >

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

### Fusible Link

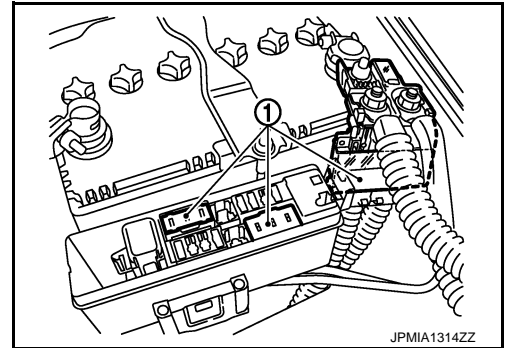
INFOID:000000008193293

A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.

1 : Fusible link

#### CAUTION:

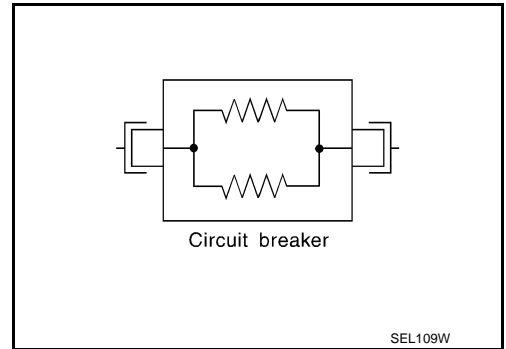
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of malfunction.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other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



### Circuit Breaker

INFOID:000000008193294

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.



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

# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]






## HARNESS LAYOUT

### How To Read Harness Layout

INFOID:000000008193295

### CONNECTOR SYMBOL

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

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

JPMIA0114GB

# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

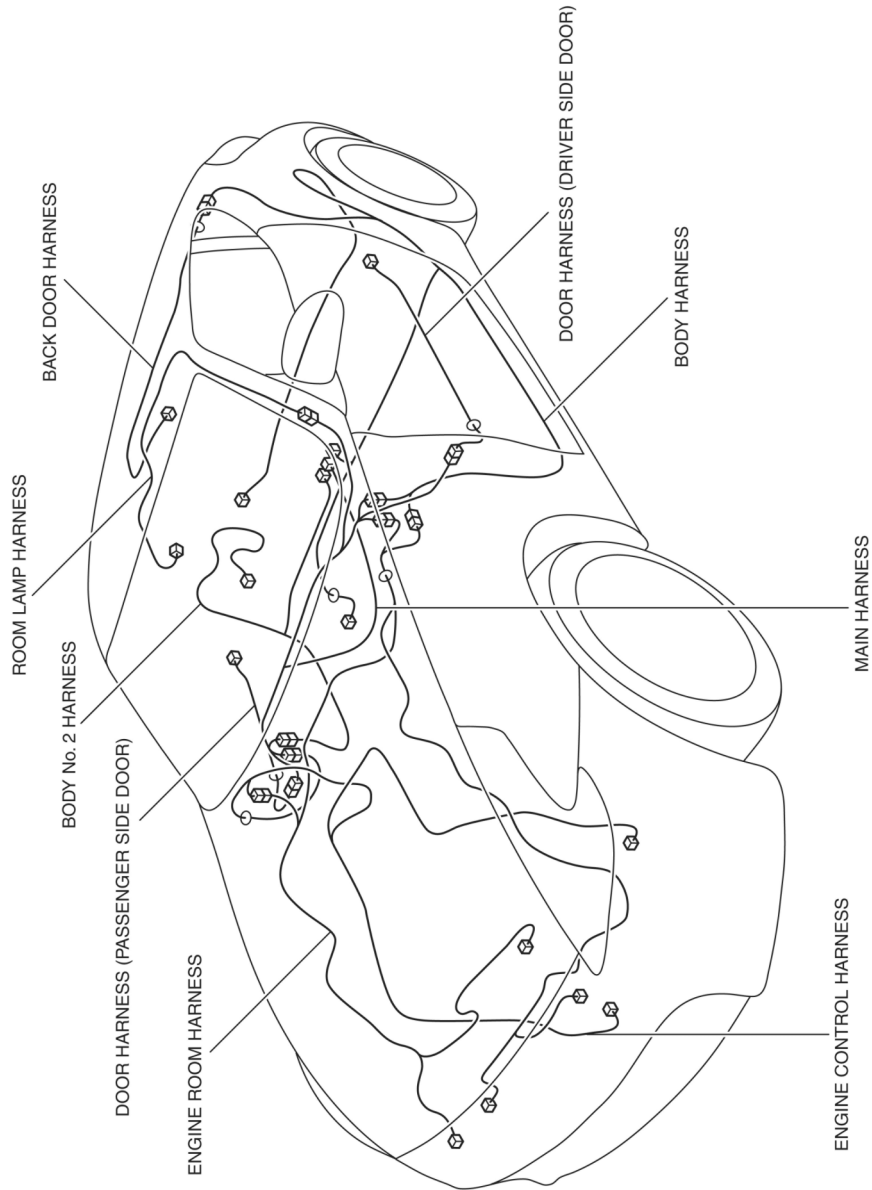
[POWER SUPPLY&GROUND CIRCUIT]

## Outline

INFOID:000000008787953

### COUPE MODELS

OUTLINE (COUPE MODELS)



2012/07/11

JRMIC1923GB

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

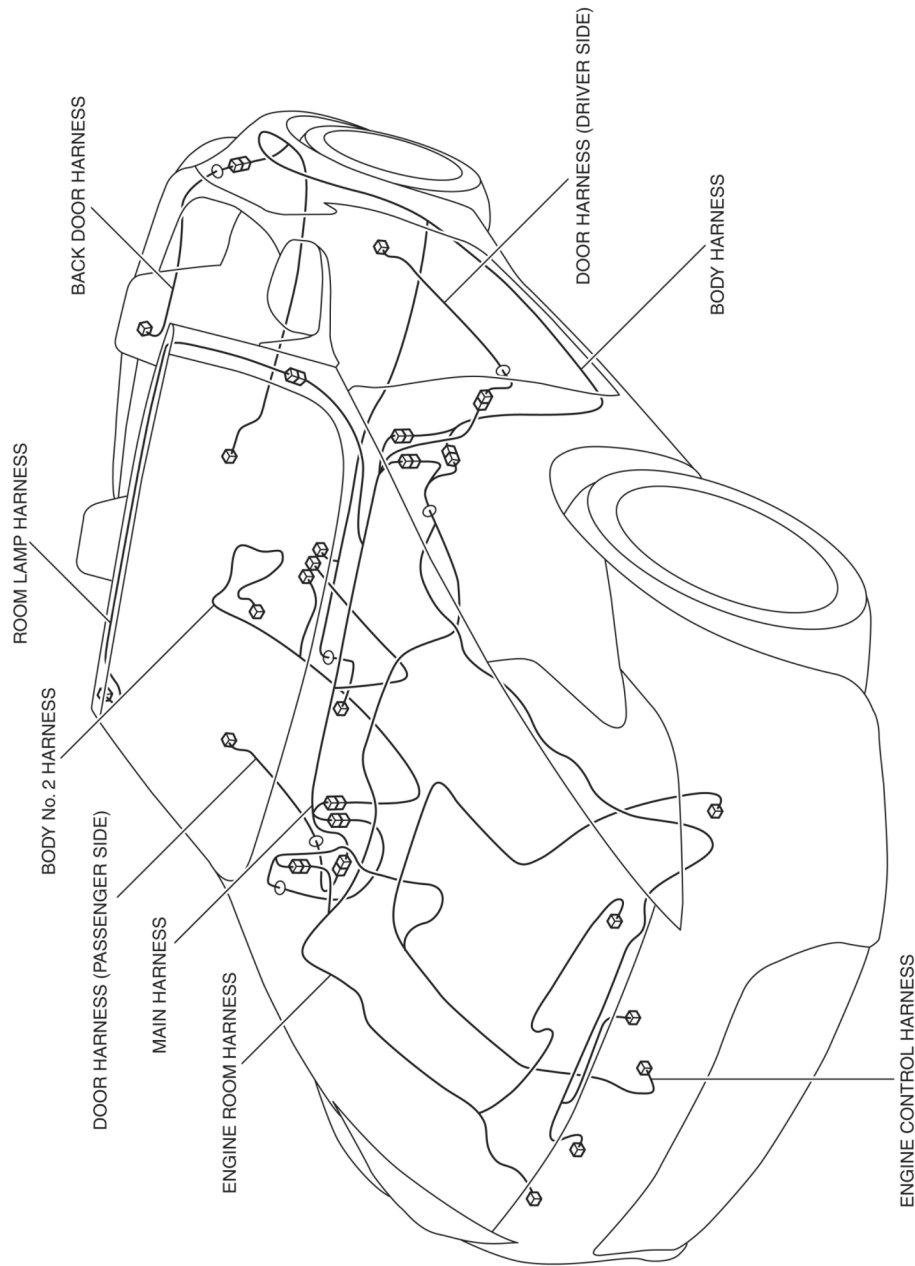
# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ROADSTER MODELS

OUTLINE (ROADSTER MODELS)



2012/07/11

JRMIC1924GB



# HARNES LAYOUT

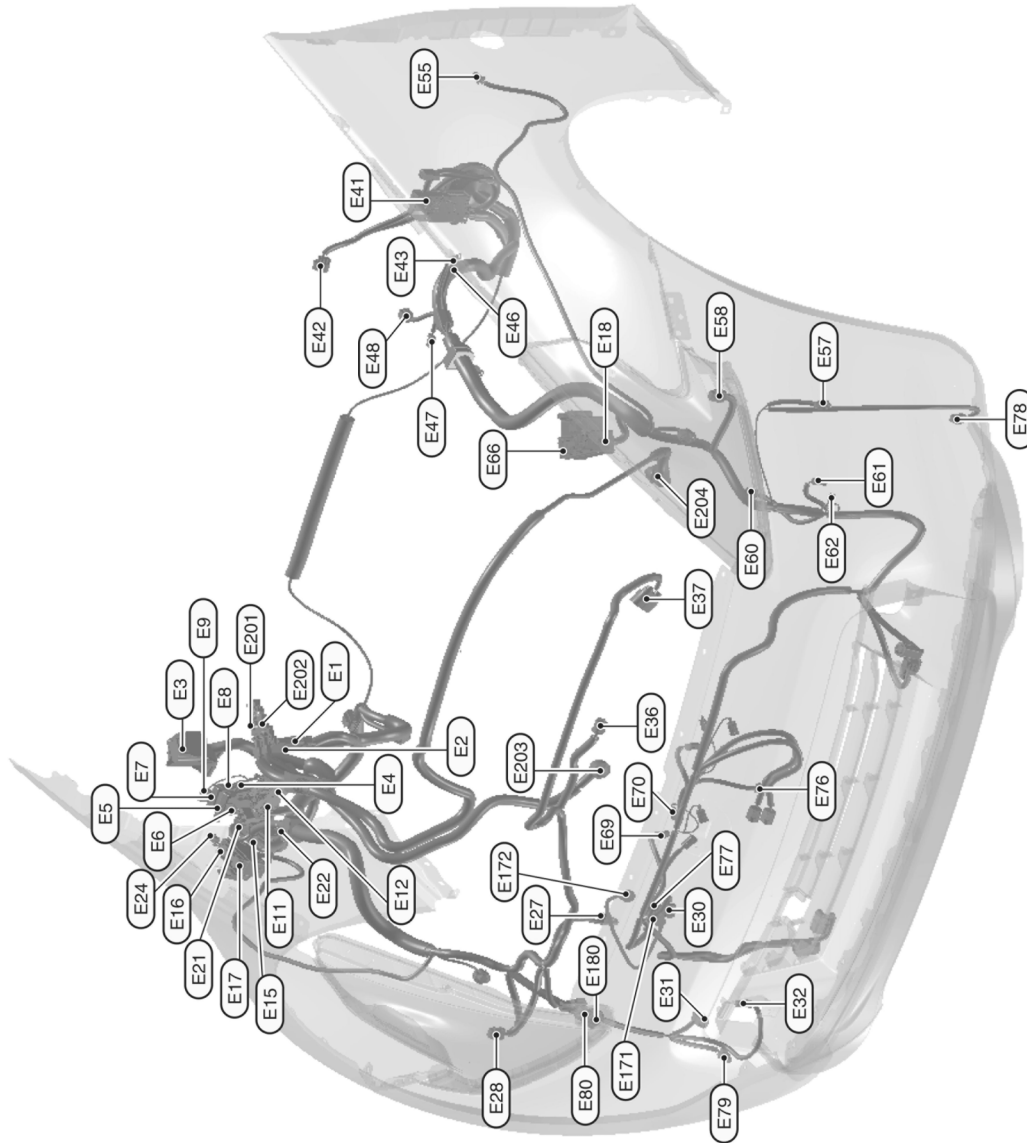
[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

Engine Room Harness

INFOID:000000008193296

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /  
Engine Compartment

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

PG

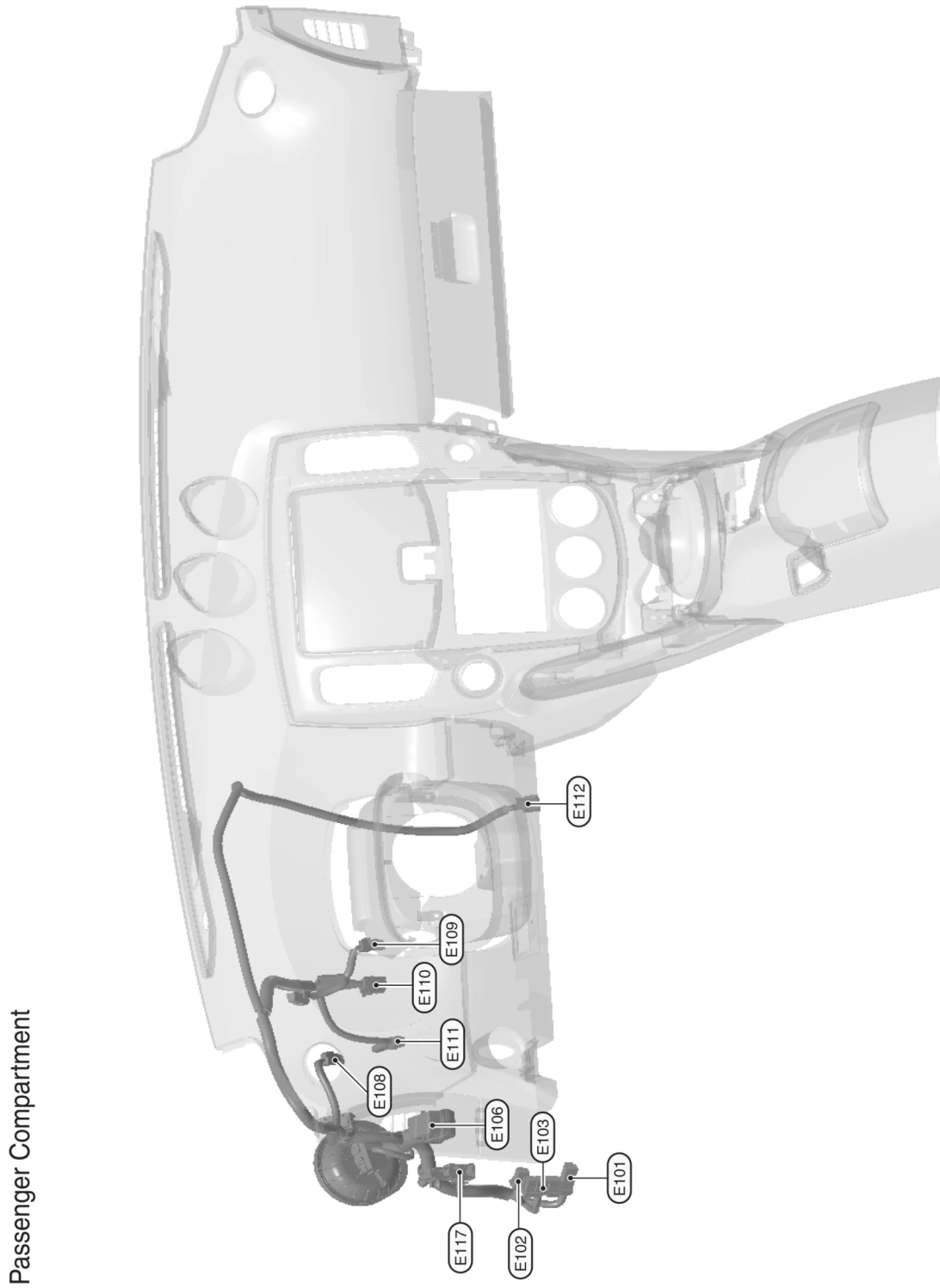
2012/04/18

JRMIC1552GB

# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >  
PASSENGER COMPARTMENT

[POWER SUPPLY & GROUND CIRCUIT]



Passenger Compartment

2012/04/18

JRMIC1553GB

# HARNES LAYOUT

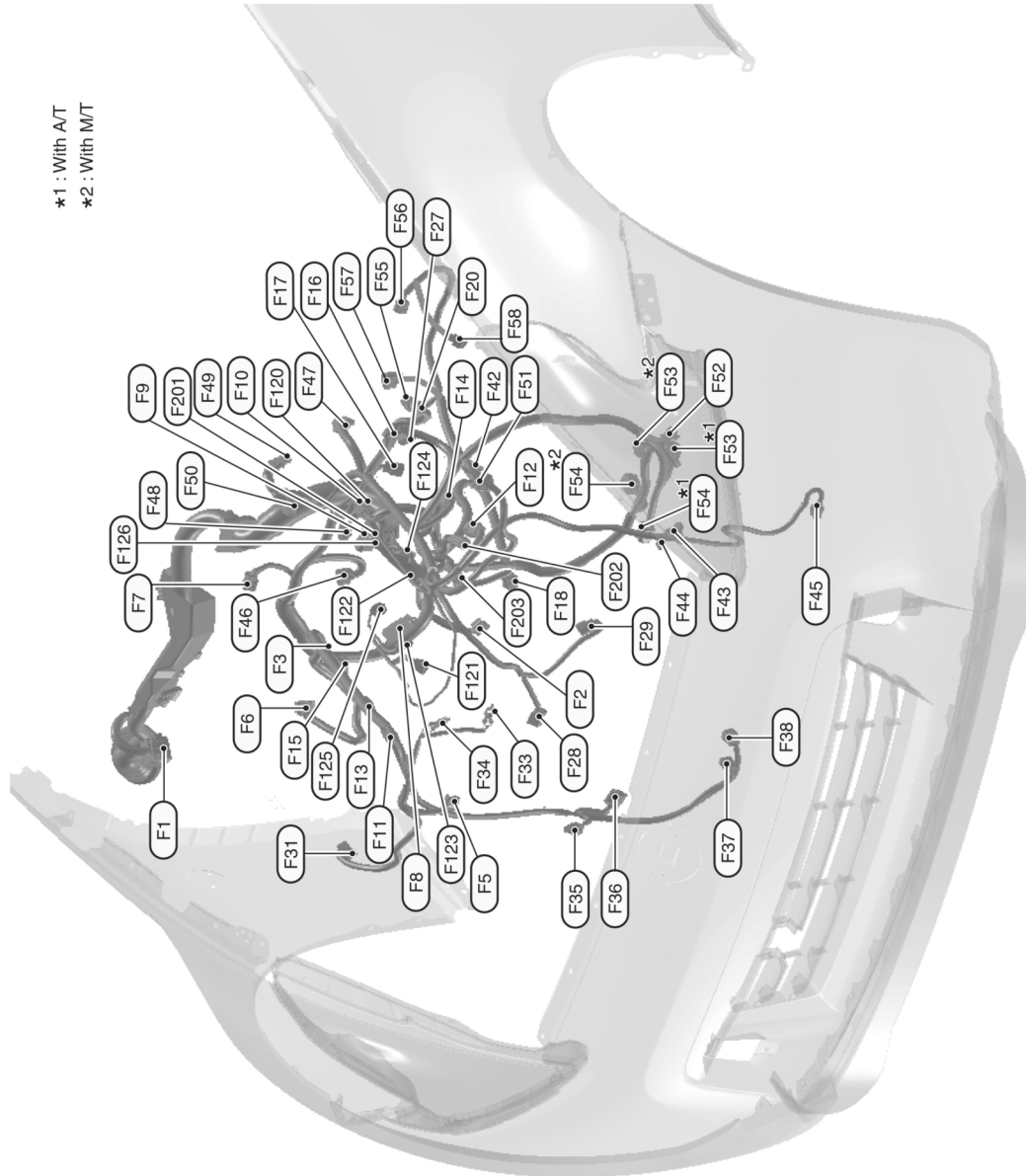
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## Engine Control Harness

INFOID:000000008193297

### ENGINE COMPARTMENT



\*1 : With A/T  
\*2 : With M/T

ENGINE CONTROL HARNESS /  
Engine Compartment

2012/04/18

JRMIC1554GB

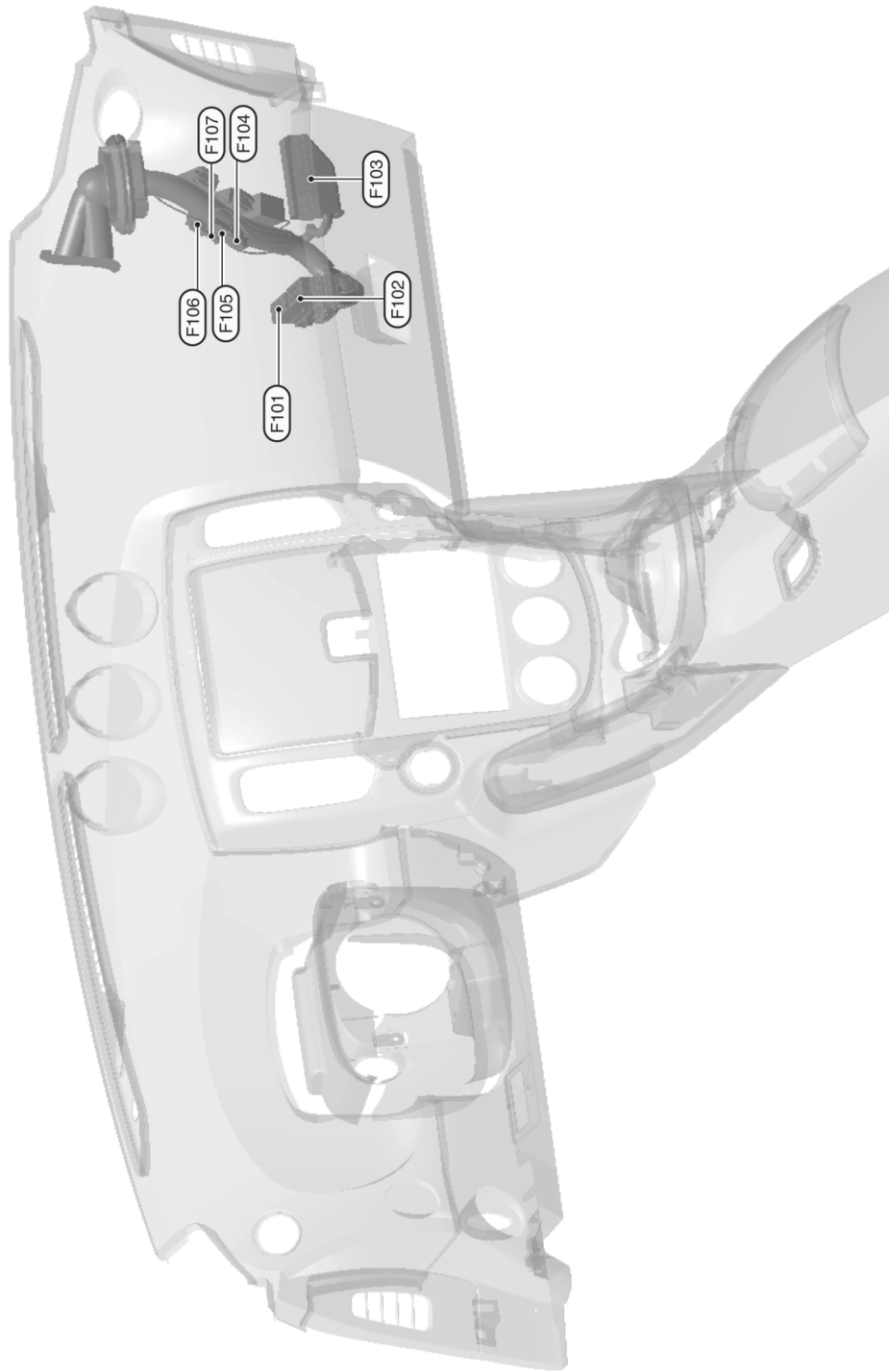
A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
N  
O  
P

PG

# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >  
PASSENGER COMPARTMENT

[POWER SUPPLY&GROUND CIRCUIT]



Passenger Compartment

2012/04/18

JRMIC1555GB

# HARNES LAYOUT

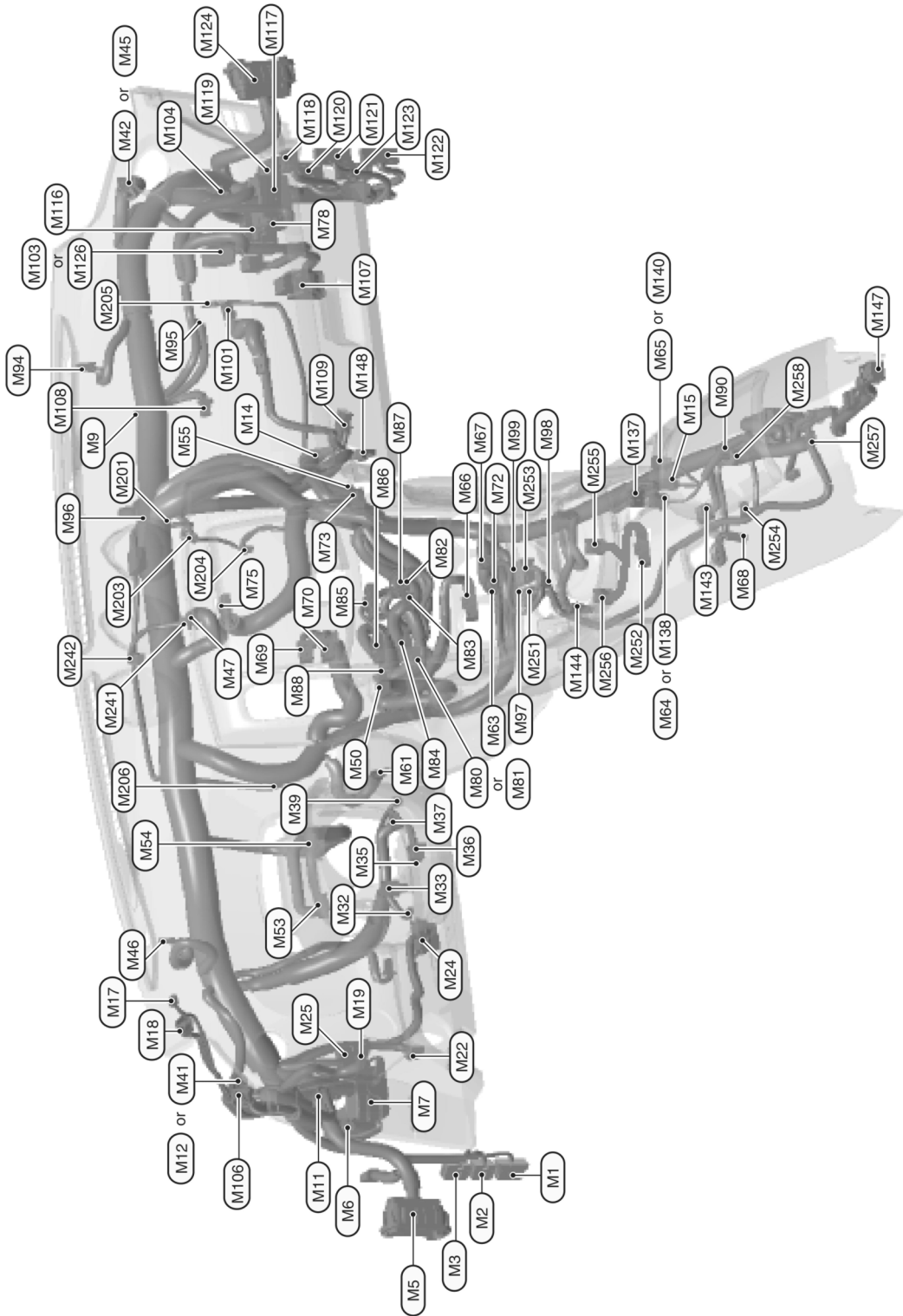
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## Main Harness

INFOID:000000008193298

MAIN HARNESS



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

## Body Harness

## BODY HARNESS

2012/04/18

JRMIC1556GB

INFOID:000000008193299

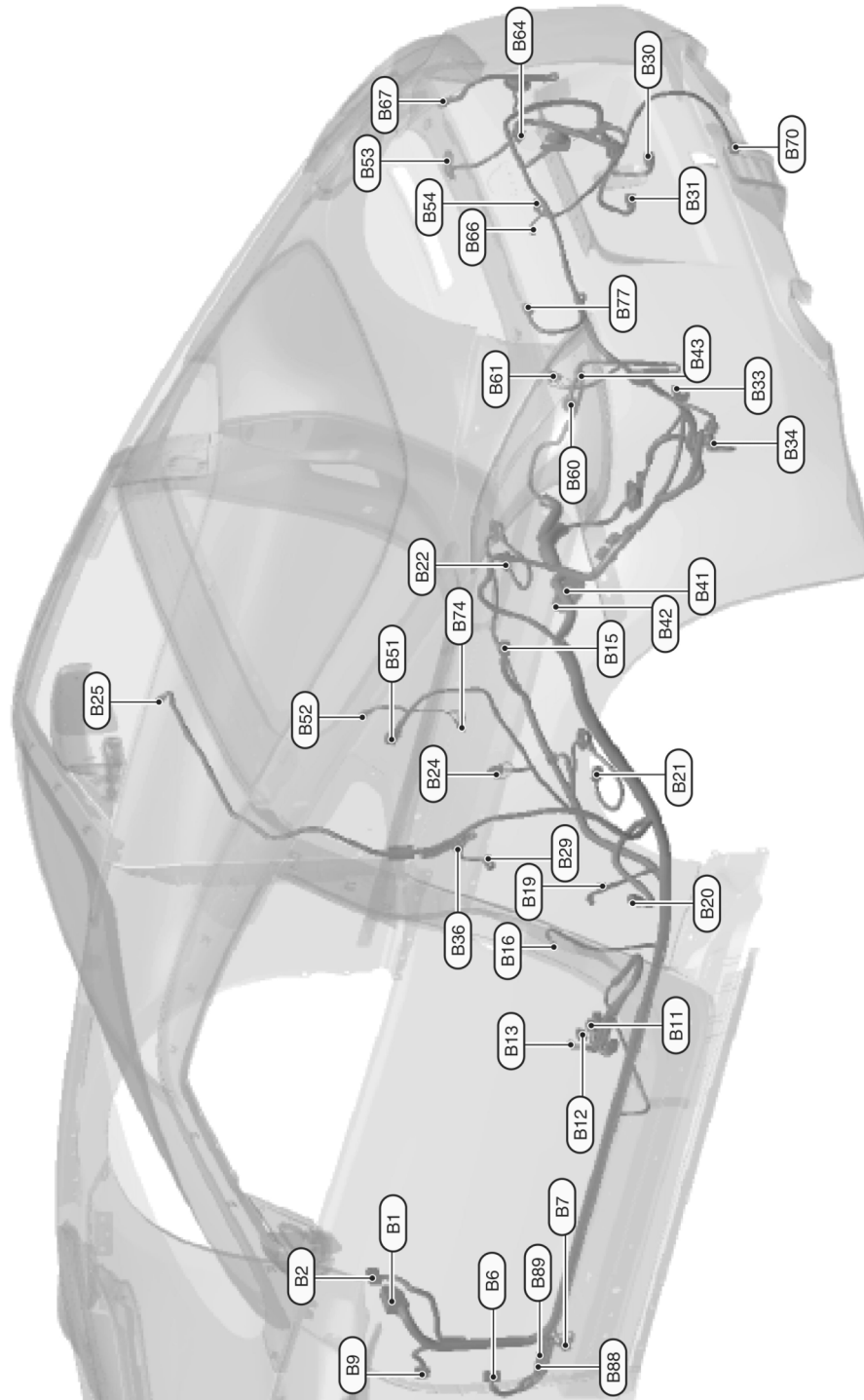
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe Models

BODY HARNES (COUPE MODELS)



2012/04/18

JRMIC1557GB

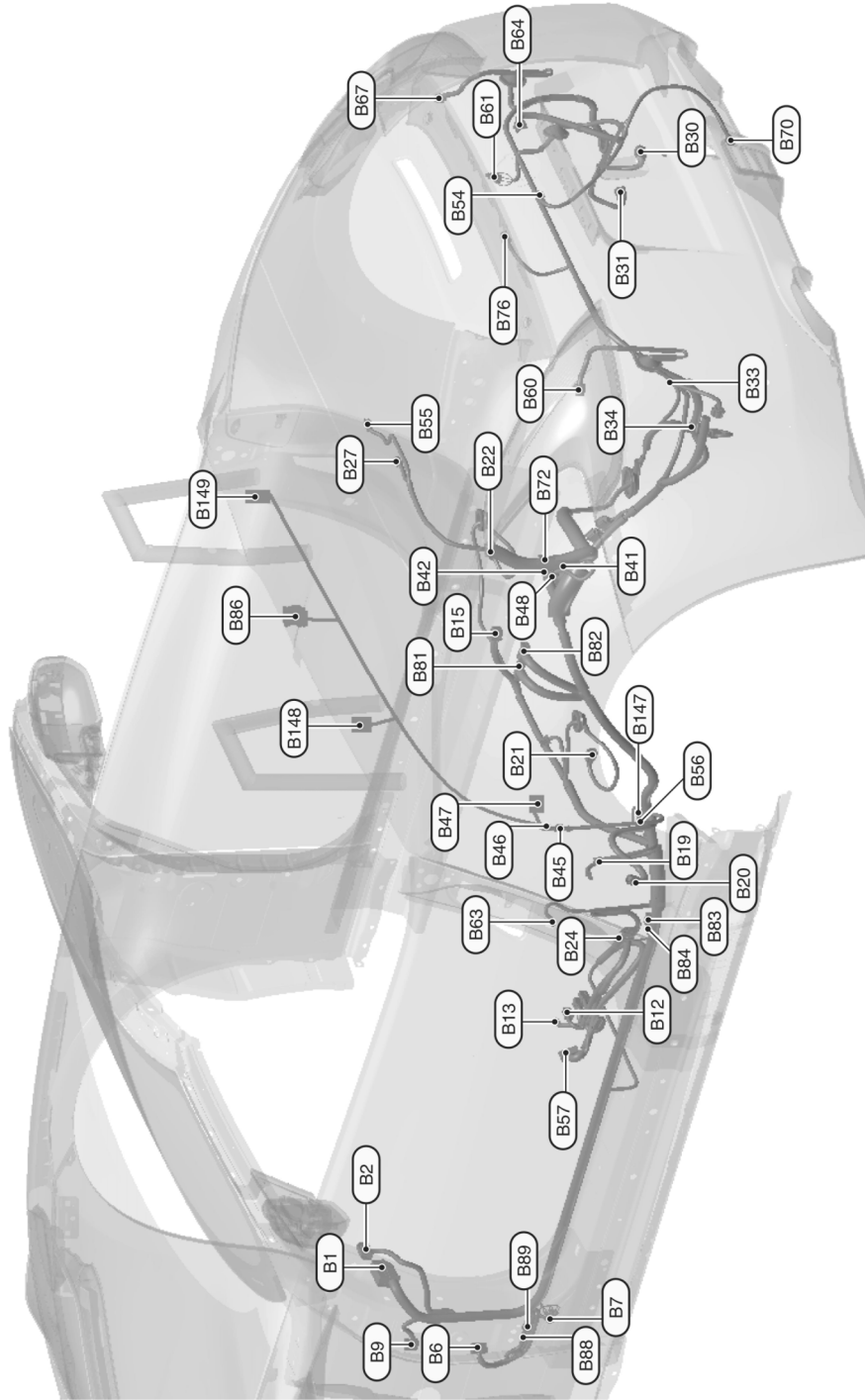
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster Models

BODY HARNESS (ROADSTER MODELS)



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

BODY No. 2 HARNESS

2012/04/18  
JRMIC1558GB

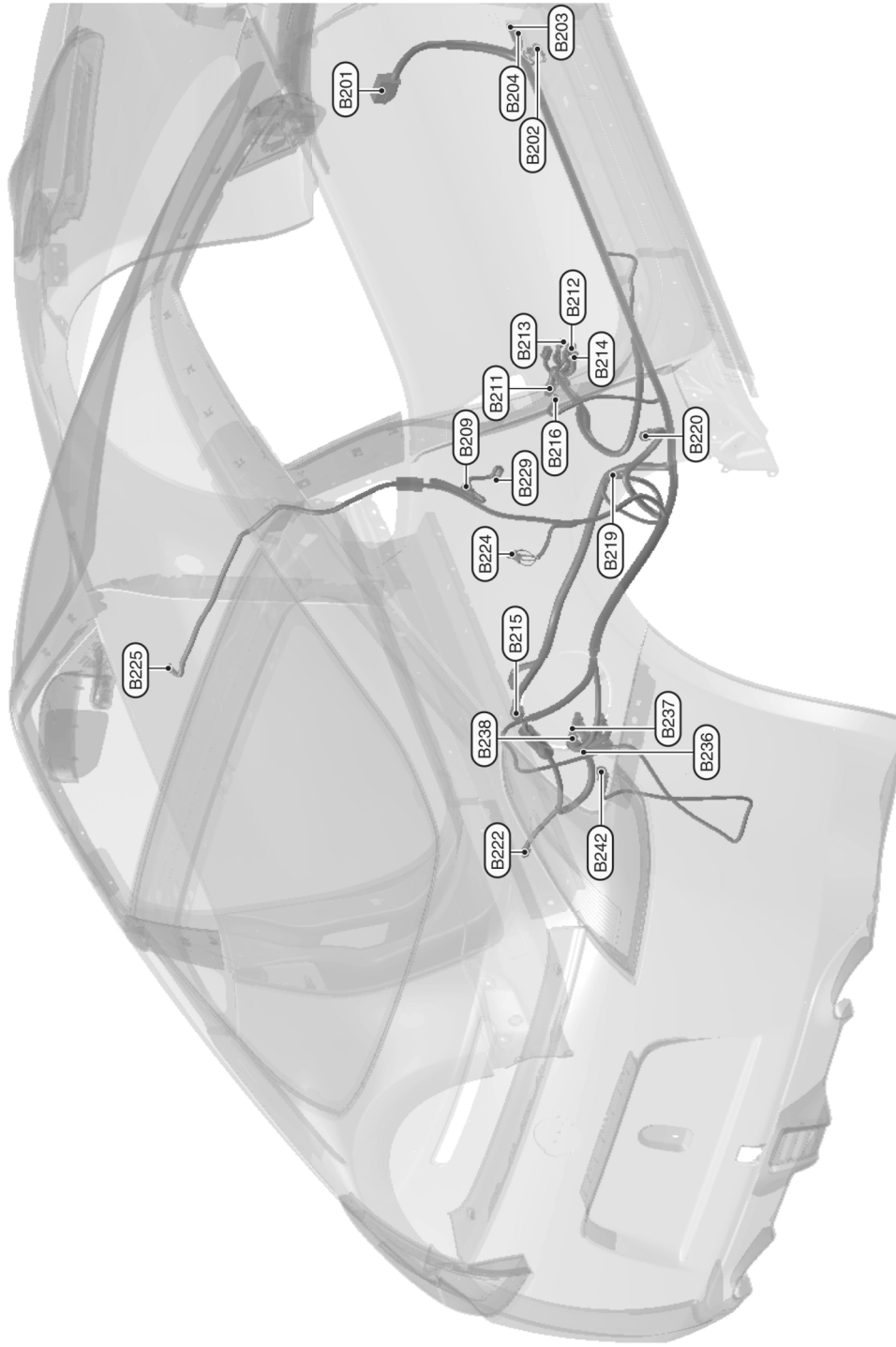
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe Models

BODY No. 2 HARNES (COUPE MODELS)



JRMIC1559GB

2012/04/18



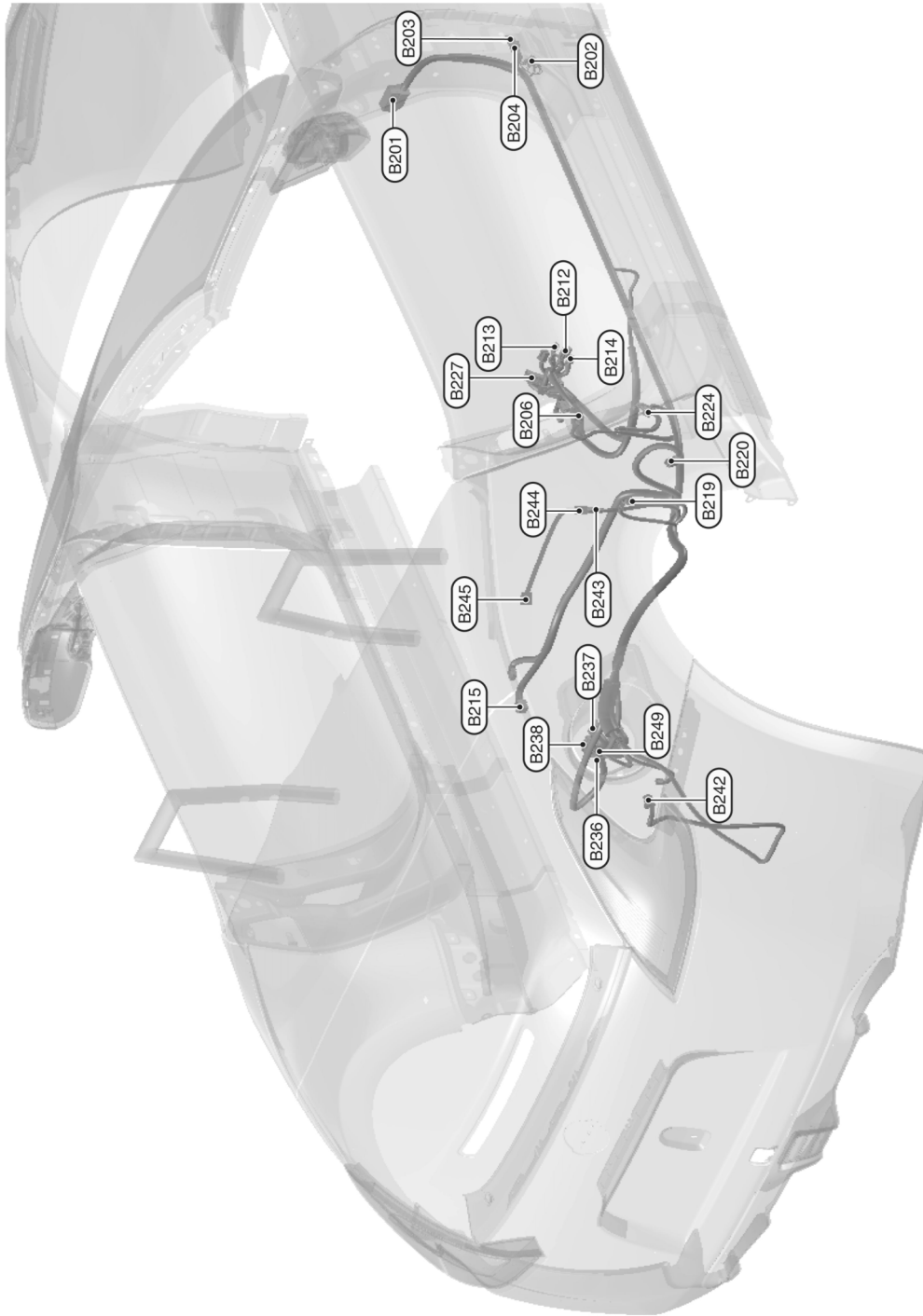
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster Models

BODY No. 2 HARNESS (ROADSTER MODELS)



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

2012/04/18

JRMIC1560GB

# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## Door Harness

INFOID:000000008193300

### DOOR HARNESS (DRIVER SIDE DOOR)

#### DOOR HARNESS (DRIVER SIDE DOOR)

- \*1 : With BOSE system
- \*2 : Without BOSE system



JRMIC1561GB

2012/04/18

# HARNESS LAYOUT

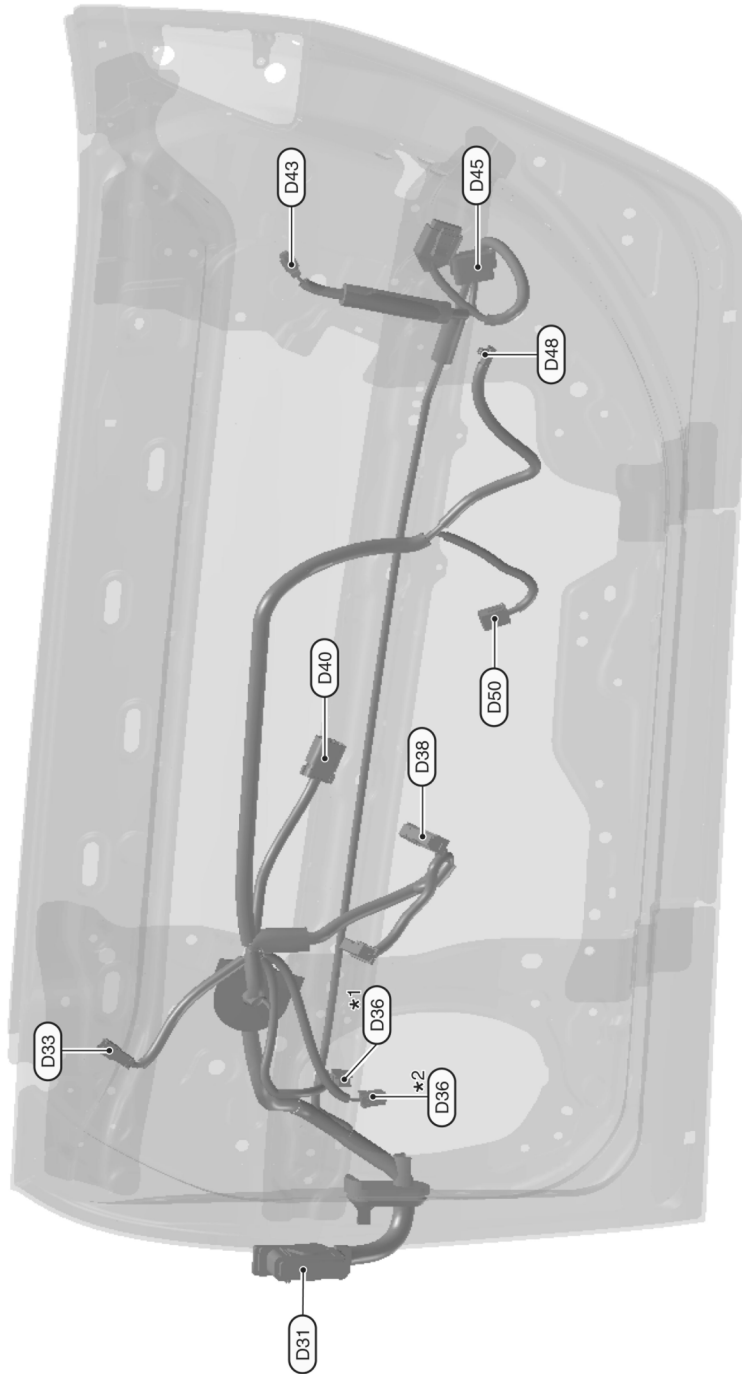
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## DOOR HARNESS (PASSENGER SIDE DOOR)

DOOR HARNESS (PASSENGER SIDE DOOR)

\*1 : With BOSE system  
\*2 : Without BOSE system



2012/04/18

JRMIC1562GB

BACK DOOR HARNESS

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

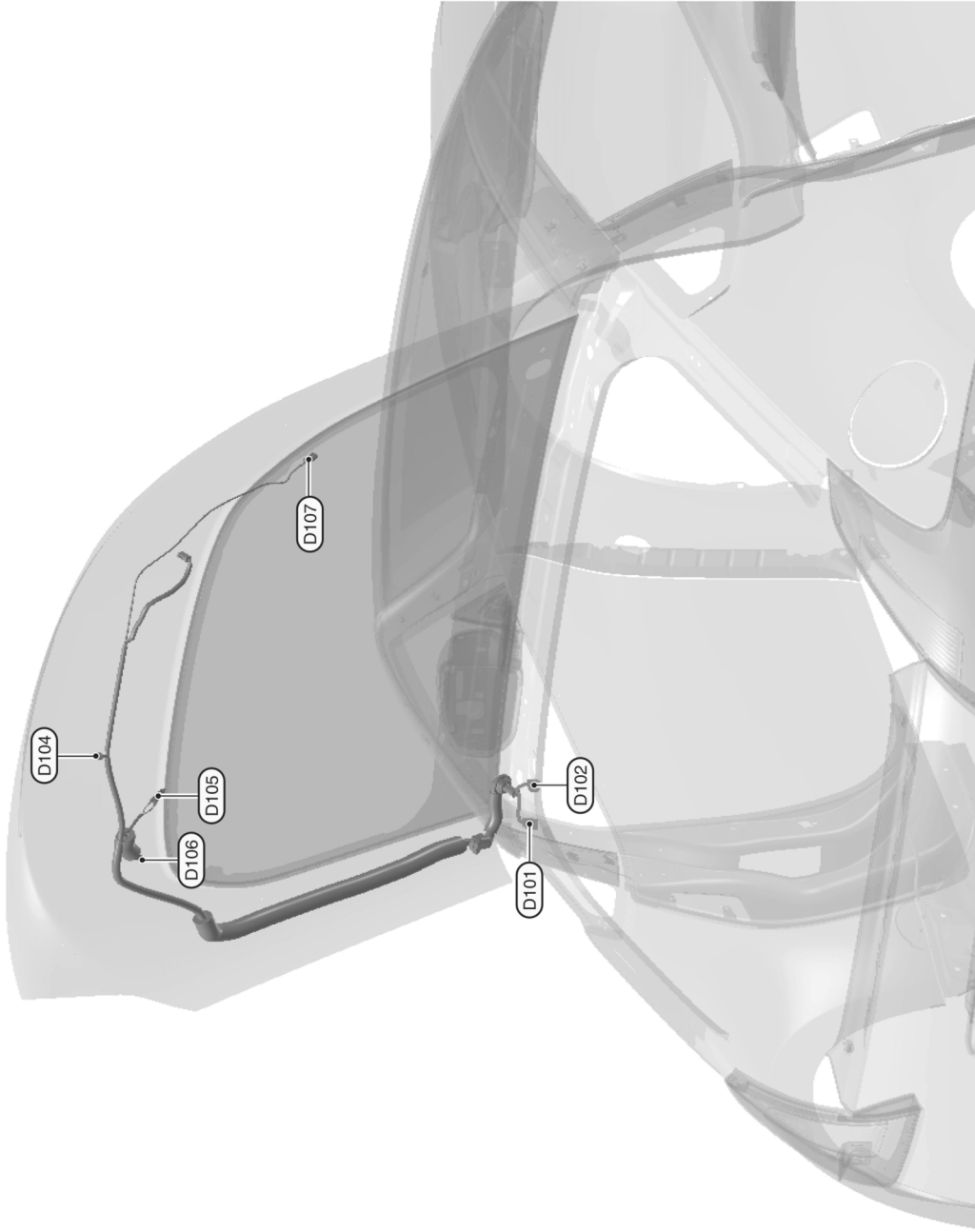
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Coupe Models

BACK DOOR HARNES (COUPE MODELS)



JRMIC1563GB  
2012/04/18

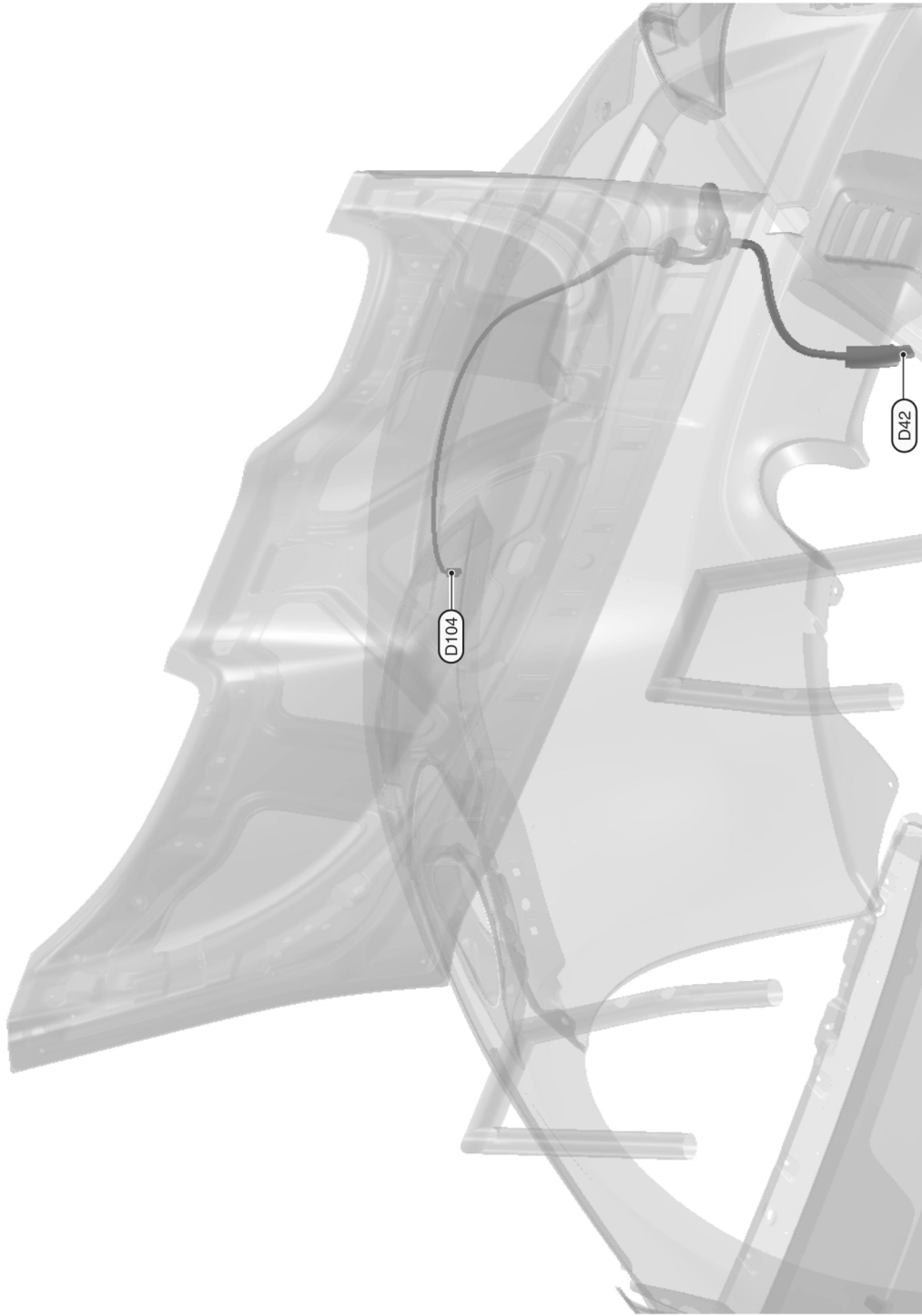
# HARNESS LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

Roadster Models

BACK DOOR HARNESS (ROADSTER MODELS)



2012/04/18

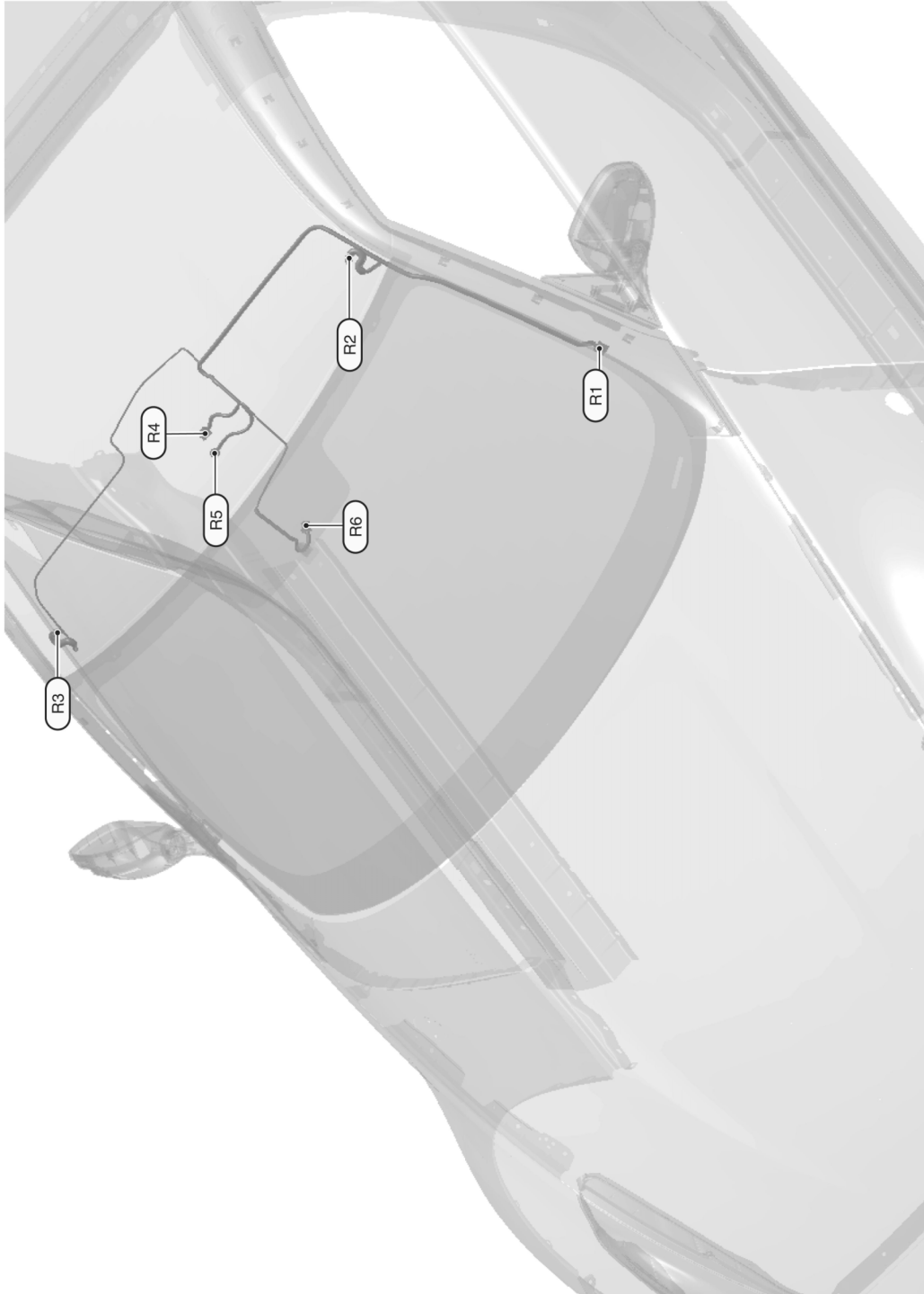
JRMIC1564GB

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

## Room Lamp Harness

INFOID:000000008193301

### COUPE MODELS



ROOM LAMP HARNESS (COUPE MODELS)

2012/04/18

JRMIC1565GB

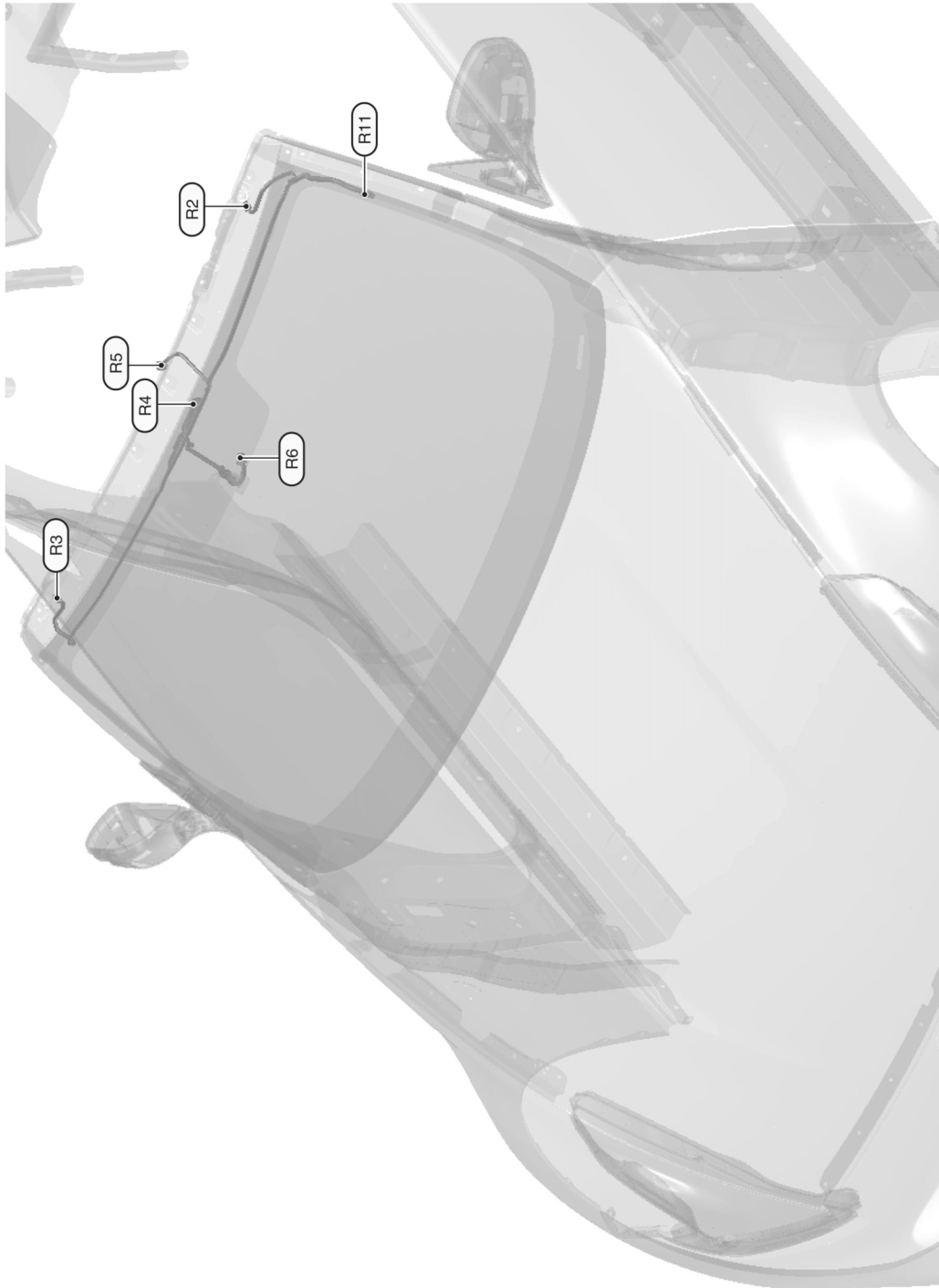
# HARNES LAYOUT

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

ROADSTER MODELS

ROOM LAMP HARNESS (ROADSTER MODELS)



2012/04/18

JRMIC1566GB

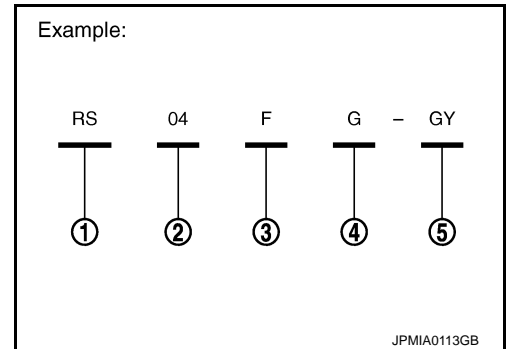
A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
PG  
N  
O  
P

## CONNECTOR INFORMATION

### How to Read Connector Type

INFOID:000000008193302

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





# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### B Body Harness

INFOID:00000008193303

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

#### BODY HARNESS

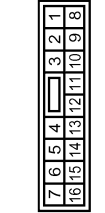
Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Type	TS18FW-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	BG	-
3	Y	-
4	W	-
6	V	-
7	LG	-
8	GR	-
9	SB	-
11	Y	-
12	W	-
13	BR	-
14	LG	-
15	B	-
16	V	-
17	R	-
18	B	-
20	SB	-
21	G	-
22	GR	-
23	V	-
24	BG	-
25	L	-
26	P	-
27	W	-
28	SHIELD	-
31	W	-
32	B	-
33	P	-
33	W	-
34	R	-
35	W	-
35	B	-
38	B	-
40	Y	-
41	L	-
42	GR	-
43	BR	-
44	R	-

45	BG	-
46	SHIELD	-
46	SB	-
47	V	-
48	SHIELD	-
51	W	-
52	R	-
57	SHIELD	-
58	B	-
60	V	-
61	SB	-
62	SHIELD	-
63	BR	-
64	Y	-
65	SHIELD	-
66	P	-
67	L	-
68	SHIELD	-
69	R	-
70	G	-
71	V	-
72	P	-
73	BR	-
74	GR	-
75	BG	-
80	Y	-
81	R	-
82	B	-
83	GR	-
84	G	-
84	L	-
85	LG	-
86	V	-
87	BR	-
88	GR	-
93	Y	-
94	L	-
94	G	-
95	GR	-
95	LG	-
96	L	-
97	Y	-
98	W	-
98	Y/B	-
98	LG	-
100	B	-

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



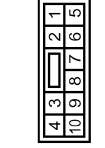
Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	-
2	Y	-
3	R	-
3	LG	-
4	G	-
5	BG	-
6	V	-
7	L	-
11	LG	-
12	Y	-
13	W	-
14	B	-
15	GR	-
16	LG	-

Connector No.	B6
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



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

Connector No.	B9
Connector Name	WIRE TO WIRE
Connector Type	NS10FW-CS



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

Connector No.	B11
Connector Name	WIRE TO WIRE
Connector Type	MO4FW-LG



Terminal No.	Color of Wire	Signal Name [Specification]
33	LG	-
48	B	-
58	G	-
60	L	-

# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### BODY HARNESS

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



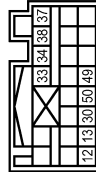
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	Y	-

Connector No.	B13
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	A03FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [Coupe models]
2	B	- [Roadster models]

Connector No.	B15
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NR02FY-2V-EX



Terminal No.	Color of Wire	Signal Name [Specification]
12	Y	PLH (+)

13	Y	PLH (-)
30	SB	LH BUCKLE SW INPUT
33	Y	SH (+)
34	Y	SH (-)
37	Y	CLH (+)
38	Y/B	CLH (-)
49	P	SATELLITE LH (+) [Coupe models]
49	B	SATELLITE LH (+) [Roadster models]
50	L	SATELLITE LH (-) [Coupe models]
50	W	SATELLITE LH (-) [Roadster models]

Connector No.	B16
Connector Name	DRIVER SIDE DOOR SWITCH
Connector Type	A03TW



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

Connector No.	B19
Connector Name	SEAT BELT PRE-TENSIONER LH
Connector Type	A030FY



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

Connector No.	B20
Connector Name	SATELLITE SENSOR LH
Connector Type	HR02FY-IV-EX-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	P	- [Coupe models]
1	B	- [Roadster models]
2	L	- [Coupe models]
2	W	- [Roadster models]

Connector No.	B21
Connector Name	FUEL LEVEL SENSOR UNIT (SUB)
Connector Type	EG02FY-RS



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

Connector No.	B22
Connector Name	FUEL LEVEL SENSOR UNIT AND FUEL PUMP MAIN
Connector Type	EG02FY-RS



Terminal No.	Color of Wire	Signal Name [Specification]

1	P	-
2	W	-
3	B	-
4	R	-
5	Y	-

Connector No.	B25
Connector Name	CURTAIN AIR BAG MODULE LH
Connector Type	AC00GFY



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

Connector No.	B27
Connector Name	INSIDE KEY ANTENNA (TRUNK ROOM)
Connector Type	RR02FGY



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B29
Connector Name	REAR SPEAKER LH
Connector Type	TR02FBR



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

Connector No.	B30
Connector Name	EVAP CONTROL SYSTEM PRESSURE SENSOR
Connector Type	EG3FGY-RS



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

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



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

Terminal No.	2	Y	-
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Connector No.	B33
Connector Name	REAR WHEEL SENSOR RH
Connector Type	AA20ZFB1



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

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



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

Connector No.	B36
Connector Name	OUTSIDE KEY ANTENNA LH
Connector Type	RK02MAGY



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

Connector No.	B41
Connector Name	BOSE AMP.
Connector Type	SCA19FBR-SDA4



Terminal No.	Color of Wire	Signal Name [Specification]
15	L	SOUND SIGNAL REAR SPEAKER LH (+)
17	R	ROOF STATUS SIGNAL (AUDIO)
18	P	SOUND SIGNAL FRONT LH (+)
19	R	SOUND SIGNAL FRONT RH (+)
20	V	SOUND SIGNAL REAR LH (+)
21	G	SOUND SIGNAL REAR RH (+)
22	SB	SOUND SIGNAL REAR LH (-)
23	BR	SOUND SIGNAL REAR RH (-)
27	W	SOUND SIGNAL FRONT TWEETER LH (-)
28	P	SOUND SIGNAL FRONT TWEETER RH (-)
31	W	BOSE AMP. ON SIGNAL
32	L	SOUND SIGNAL FRONT LH (-)
33	Y	SOUND SIGNAL REAR RH (-)
37	B	SOUND SIGNAL FRONT TWEETER RH (+)

Connector No.	B42
Connector Name	BOSE AMP.
Connector Type	SCA12FBR-SJ42



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	SOUND SIGNAL FRONT DOOR SPEAKER LH (+)
2	BG	SOUND SIGNAL FRONT DOOR SPEAKER RH (+)

2	LG	SOUND SIGNAL REAR WOOFER RH (-) [Restorer model]
3	G	SOUND SIGNAL FRONT DOOR SPEAKER RH (-) [Owner model]
4	Y	SOUND SIGNAL REAR WOOFER RH (-) [Restorer model]
4	L	SOUND SIGNAL FRONT DOOR SPEAKER LH (-) [Restorer model]
4	SB	SOUND SIGNAL WOOFER (+) [Owner model]
5	V	SOUND SIGNAL WOOFER (-)
6	LG	SOUND SIGNAL TWEETER LH (+)
7	GR	SOUND SIGNAL TWEETER LH (-)
8	BG	SOUND SIGNAL FRONT DOOR SPEAKER RH (+)
9	R	SOUND SIGNAL REAR SPEAKER RH (+) [Owner model]
9	LG	SOUND SIGNAL REAR SPEAKER RH (+) [Restorer model]
10	V	SOUND SIGNAL FRONT DOOR SPEAKER LH (-)
11	Y	BATTERY
12	B	GROUND
13	G	SOUND SIGNAL FRONT DOOR SPEAKER RH (-)
14	BR	SOUND SIGNAL REAR SPEAKER RH (-) [Owner model]
14	Y	SOUND SIGNAL REAR SPEAKER RH (-) [Restorer model]

Connector No.	B43
Connector Name	WOOFER
Connector Type	RS02FGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	SOUND SIGNAL WOOFER (-)
2	SB	SOUND SIGNAL WOOFER (+)

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

# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B55
Connector Name	WIRE TO WIRE
Connector Type	TK02FBR-P



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

Connector No.	B46
Connector Name	WIRE TO WIRE
Connector Type	TK02FBR



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

Connector No.	B47
Connector Name	REAR SPEAKER LH
Connector Type	TK02FBR



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

Connector No.	B53
Connector Name	LUGGAGE ROOM LAMP
Connector Type	TK02FGY



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

Connector No.	B54
Connector Name	GUTSIDE KEY ANTENNA (REAR BUMPER)
Connector Type	PK02FGY



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

Connector No.	B55
Connector Name	TRUNK ROOM LAMP
Connector Type	SG02FW



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

Connector No.	B48
Connector Name	REAR WOOFER LH
Connector Type	NS02FW-CS



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

Connector No.	B51
Connector Name	WIRE TO WIRE
Connector Type	MM0MW-LC



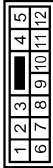
Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	-
4	B	-

Connector No.	B52
Connector Name	WIRE TO WIRE
Connector Type	TR04MW-NH



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

Connector No.	B56
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	R	-
9	V	-
10	LG	-
11	GR	-
12	B	-

Connector No.	B57
Connector Name	WIRE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
91	P	-
92	V	-
93	G	-
94	BG	-
95	GR	-
100	BR	-

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

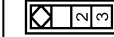
## BODY HARNESS

Connector No.	B60
Connector Name	REAR COMBINATION LAMP LH
Connector Type	RS30FEY-PR



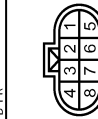
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	R	-
3	V	- [Coupe models] - [Roadster models]
4	LG	-
6	BG	-

Connector No.	B63
Connector Name	DRIVER SIDE DOOR SWITCH
Connector Type	A03FW



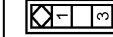
Terminal No.	Color of Wire	Signal Name [Specification]
2	GR	-
3	B	-

Connector No.	B64
Connector Name	WIRE TO WIRE
Connector Type	RS30FB-PR



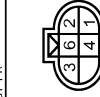
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	- [Coupe models] - [Roadster models]
2	W	-
3	R	-
4	W	-
5	GR	-
6	B	-
7	B	-
8	SHIELD	-

Connector No.	B66
Connector Name	BACK DOOR SWITCH
Connector Type	A03FW



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

Connector No.	B67
Connector Name	REAR COMBINATION LAMP RH
Connector Type	RS30FEY-PR



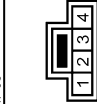
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	R	-
3	B	-
4	V	-
6	BG	-

Connector No.	B70
Connector Name	REAR FOG LAMP
Connector Type	RS30FEY



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

Connector No.	B72
Connector Name	WIRE TO WIRE
Connector Type	NS30MMV-CS



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

Connector No.	B76
Connector Name	TRUNK LID LOCK ASSEMBLY
Connector Type	NS30FPW-CS



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

2	LG	-
3	B	-

Connector No.	B77
Connector Name	BACK DOOR OPENER ACTUATOR
Connector Type	MM4FW-LC



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

Connector No.	B81
Connector Name	WIRE TO WIRE
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	BR	-
6	B	-
8	Y	-
9	BG	-
14	GR	-
15	SB	-
16	V	-
17	G	-
24	LG	-
28	V	-
31	L	-
32	B	-
34	BG	-
35	R	-

A  
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C  
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K  
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N  
O  
P

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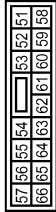
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B182
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
52	P	-
53	G	-
55	R	-
56	B	-
57	B	-
58	Y	-
59	B	-
60	LG	-
61	L	-
62	L	-
63	B	-
64	B	-
65	Y	-
66	Y	-

Connector No.	B183
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

Connector No.	B184
Connector Name	WIRE TO WIRE
Connector Type	M02FW-LC



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

Connector No.	B186
Connector Name	CARGO AREA COURTESY LIGHT
Connector Type	S02FW



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

Connector No.	B188
Connector Name	WIRE TO WIRE
Connector Type	TR04FW-RH



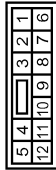
Terminal No.	Color of Wire	Signal Name [Specification]
4	SB	-

Connector No.	B189
Connector Name	WIRE TO WIRE
Connector Type	TR04MW-RH



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

Connector No.	B147
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
4	BR	-
5	R	-
9	V	-
10	LG	-
11	GR	-
12	B	-

Connector No.	B148
Connector Name	OUTSIDE KEY ANTENNA LH
Connector Type	PK02MGY



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

Connector No.	B149
Connector Name	OUTSIDE KEY ANTENNA RH
Connector Type	PK02MGY



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

Connector No.	B151
Connector Name	WIRE TO WIRE
Connector Type	RS03BMB



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B152
Connector Name	LICENSE PLATE LAMP LH
Connector Type	RK0ZFBR



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

Connector No.	B153
Connector Name	LICENSE PLATE LAMP RH
Connector Type	RK0ZFBR



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

Connector No.	B154
Connector Name	BACK DOOR OPENER SWITCH ASSEMBLY
Connector Type	RH04FEB



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

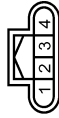
3	B	-
4	B	-

Connector No.	B155
Connector Name	TRUNK LID OPENER SWITCH ASSEMBLY
Connector Type	RH04FEB



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

Connector No.	B157
Connector Name	REAR VIEW CAMERA
Connector Type	RH04FEB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	CAMERA POWER SUPPLY
2	W	GROUND
3	B	CAMERA IMAGE SIGNAL
4	L	CAMERA IMAGE SIGNAL_GND

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80FV-CS16-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
2	BR	- [Coupe models]
2	R	- [Roadster models]
3	Y	- [Coupe models]
3	B	- [Roadster models]
4	G	- [Coupe models]
4	G	- [Roadster models]
7	R	- [Coupe models]
7	Y	- [Roadster models]
8	LG	- [Coupe models]
8	LG	- [Roadster models]
9	Y	- [Coupe models]
9	Y	- [Roadster models]
11	R	- [Coupe models]
11	R	- [Roadster models]
20	G	- [Coupe models]
20	G	- [Roadster models]
21	R	- [Coupe models]
21	R	- [Roadster models]
30	B	- [Coupe models]
30	B	- [Roadster models]
40	W	- [Coupe models]
40	W	- [Roadster models]
41	V	- [Coupe models]
41	V	- [Roadster models]
42	G	- [Coupe models]
42	G	- [Roadster models]
43	L	- [Coupe models]
43	L	- [Roadster models]
44	SB	- [Coupe models]
44	SB	- [Roadster models]
51	P	- [Coupe models]
51	P	- [Roadster models]
52	L	- [Coupe models]
52	L	- [Roadster models]
53	SHIELD	- [Coupe models]
53	SHIELD	- [Roadster models]
54	BR	- [Coupe models]
54	BR	- [Roadster models]
55	Y	- [Coupe models]
55	Y	- [Roadster models]
56	SHIELD	- [Coupe models]
56	SHIELD	- [Roadster models]
57	G	- [Coupe models]
57	G	- [Roadster models]
57	P	- [Coupe models]
57	P	- [Roadster models]
58	R	- [Coupe models]
58	R	- [Roadster models]
59	L	- [Coupe models]
59	L	- [Roadster models]
60	W	- [Coupe models]
60	W	- [Roadster models]
61	GR	- [Coupe models]
61	GR	- [Roadster models]
62	Y	- [Coupe models]
62	Y	- [Roadster models]
63	Y	- [Coupe models]
63	Y	- [Roadster models]
64	SB	- [Coupe models]
64	SB	- [Roadster models]
65	SB	- [Coupe models]
65	SB	- [Roadster models]
67	V	- [Coupe models]
67	V	- [Roadster models]
68	P	- [Coupe models]
68	P	- [Roadster models]

69	L	-
70	G	-
72	B	-
73	L	- [Coupe models]
73	L	- [Roadster models]
74	P	- [Coupe models]
74	P	- [Roadster models]
75	W	- [Coupe models]
75	W	- [Roadster models]
76	B	-
76	B	-
80	V	-
81	SB	-
82	G	-
83	R	-
84	W	-
85	B	-
86	SHIELD	-
87	O	-
88	BR	-
89	Y	-
90	SHIELD	-
92	LG	- [Coupe models]
92	LG	- [Roadster models]
93	V	- [Coupe models]
93	V	- [Roadster models]
94	SHIELD	- [Coupe models]
94	SHIELD	- [Roadster models]
94	G	- [Coupe models]
94	G	- [Roadster models]
95	GR	- [Coupe models]
95	GR	- [Roadster models]
95	LG	- [Coupe models]
95	LG	- [Roadster models]
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	W	- [Coupe models]
98	Y/B	- [Roadster models]
99	G	-
100	BR	- [Coupe models]
100	Y	- [Roadster models]

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]


**BODY HARNESS**

Connector No.	B203
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH




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

Connector No.	B204
Connector Name	WIRE TO WIRE
Connector Type	TH04MW-NH




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

Connector No.	B206
Connector Name	PASSENGER SIDE DOOR SWITCH
Connector Type	A03FW




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

Connector No.	B209
Connector Name	OUTSIDE KEY ANTENNA RH
Connector Type	FR02MGY




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

Connector No.	B211
Connector Name	WIRE TO WIRE
Connector Type	M04FW-LC




Terminal No.	Color of Wire	Signal Name [Specification]
33	G	
48	B	
59	Y	
60	BR	

Connector No.	B212
Connector Name	SIDE AIR BAG MODULE RH
Connector Type	TR02FY-EX-IV




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

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



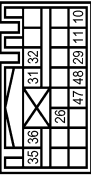
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	
1	G	
2	B	

Connector No.	B214
Connector Name	ROOFTOP CLUSTER/INTELLIGENT SYSTEM CONTROL UNIT
Connector Type	TH08FW-NH




Terminal No.	Color of Wire	Signal Name [Specification]
4	R	COMMUNICATION ISN
5	B	GROUND

Connector No.	B215
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH22FY-IV-EX



Terminal No.	Color of Wire	Signal Name [Specification]
10	Y	PRH (+)
11	Y	PRH (-)
26	V	ODS INPUT
29	LG	RH BUCKLE SW INPUT
31	Y	SRH (+)
32	Y	SRH (-)
35	Y	CRH (+)
36	Y/B	CRH (-)
47	G	SATELLITE RH (+) [Coupe models]
47	B	SATELLITE RH (-) [Roadster models]
48	R	SATELLITE RH (+) [Coupe models]
48	W	SATELLITE RH (-) [Roadster models]

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



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B219
Connector Name	SEAT BELT PRE-TENSIONER RH
Connector Type	ACB06FY



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

Connector No.	B220
Connector Name	SATELLITE SENSOR RH
Connector Type	HK02FY-IV-EX-LC



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [Cruise models]
1	B	- [Roadster models]
2	R	- [Cruise models]
2	W	- [Roadster models]

Connector No.	B222
Connector Name	INSIDE KEY ANTENNA (LUGGAGE ROOM)
Connector Type	PK02FGY



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

1	V	-
2	SB	-

Connector No.	B225
Connector Name	CURTAIN AIR BAG MODULE RH
Connector Type	ACB06FY



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

Connector No.	B227
Connector Name	WIPE TO WIRE
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
75	LG	-
76	B	-
78	G	-
79	B	-
80	B	-
81	L	-
82	G	-
83	Y	-
84	SB	-
85	V	-
100	W	-

Connector No.	B229
Connector Name	REAR SPEAKER RH
Connector Type	TR02FBR



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

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



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

Connector No.	B237
Connector Name	TEL ADAPTER UNIT
Connector Type	TR42FV-RH



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	BATTERY
2	V	ACC
3	SB	IGNITION SIGNAL
4	B	GROUND
7	L	MICROPHONE SIGNAL
8	SHIELD	MICROPHONE GND
9	BR	TEL VOICE SIGNAL (+)
10	Y	TEL VOICE SIGNAL (-)
11	BG	TELEPHONE ON SIGNAL
12	P	STRG SW A (INPUT)
13	L	STRG SW B (INPUT)
14	B	STRG SW GND (INPUT)
16	R	ROOF STATUS SIGNAL (AUDIO)
17	W	STRG SW A (OUTPUT)
18	GR	STRG SW B (OUTPUT)
19	B	STRG SW GND (OUTPUT)
20	L	CONTROL SIGNAL [Cruise models]
20	B	CONTROL SIGNAL [Roadster models]
22	P	CONTROL SIGNAL [Cruise models]
22	B	CONTROL SIGNAL [Roadster models]
23	B	CONTROL SIGNAL
24	W	CONTROL SIGNAL
28	V	VEHICLE SPEED SIGNAL (6-PULSE)
28	P	MICROPHONE VCC

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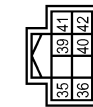
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B238
Connector Name	TEL ADAPTER UNIT
Connector Type	TH8BFW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
35	R	AV COMM (RH)
36	G	AV COMM (L)
39	L	AV COMM (RH)
40	L	AV COMM (RH)
41	Y	AV COMM (L)
42	Y	AV COMM (L)

Connector No.	B242
Connector Name	FUEL LID LOCK ACTUATOR
Connector Type	M84FW-LC



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

Connector No.	B243
Connector Name	WIRE TO WIRE
Connector Type	T020MER-P



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



Connector No.	B244
Connector Name	WIRE TO WIRE
Connector Type	T020FBR

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

Connector No.	B245
Connector Name	REAR SPEAKER RH
Connector Type	T020FBR



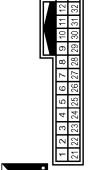
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	Y	-

Connector No.	B249
Connector Name	REAR WOOFER RH
Connector Type	NS02FW-CS



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

Connector No.	B301
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
4	LG	-
5	L	-
6	P	-
8	O	-
9	Y	-
14	BR	-
15	BR	-
16	W	-
17	DG	-
24	V	-
25	LG	-
31	BG	-
32	P	-
34	O	-
35	SB	-

Connector No.	B502
Connector Name	WIRE TO WIRE
Connector Type	NS18MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
52	R	-
53	R	-
55	V	-
56	B	-
57	B	-
58	SB	-
59	DG	-
60	DG	-
61	R	-
62	R	-
63	R	-
64	B	-
65	R	-
66	R	-

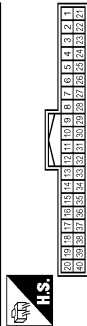
# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### BODY HARNESS

Connector No.	B303
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	TH40FB-NH



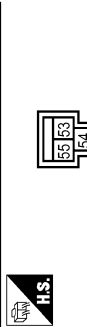
Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	SENSOR POWER SUPPLY (ROOF STRIKER SENSOR LH)
3	DG	ROOF STRIKER SENSOR RH
4	W	ROOF STRIKER SENSOR LH
8	Y	REVERSE SIGNAL
9	SB	POWER CONDITION (POWER WINDOW)
10	O	TRUNK LID OPEN SIGNAL
11	O	ROOF STATUS SIGNAL (INDICATOR)
12	SB	ROOF STATUS SIGNAL (AUDIO)
14	L	ROOF OPEN / CLOSE SWITCH (CLOSE)
15	LG	ROOF OPEN / CLOSE SWITCH (OPEN)
16	V	TRUNK ROOM LAMP SWITCH
17	BG	CAN-H
18	P	CAN-L
19	LG	LOCAL COMMUNICATION (POWER WINDOW)
20	V	LOCAL COMMUNICATION (ECM)
21	BR	SENSOR POWER SUPPLY (ROOF STRIKER SENSOR RH)
29	DG	GROUND
35	P	ROOF OPEN / CLOSE SWITCH (GND)

Connector No.	B304
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
41	DG	TRUNK OPENER ACTUATOR
46	R	REAR WINDOW DEF IN 2
49	R	REAR WINDOW DEF IN 1

Connector No.	B305
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	M03FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
53	R	BATTERY
54	B	GROUND

Connector No.	B306
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	TH40FC-NH



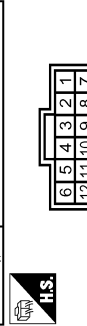
Terminal No.	Color of Wire	Signal Name [Specification]
56	W	5TH BOW LATCH CLOSE SENSOR +
57	G	5TH BOW LATCH OPEN SENSOR +
58	LG	STORAGE LID STATUS SENSOR RH (OPEN)
59	W	STORAGE LID STATUS SENSOR RH (CLOSE)
60	DG	STORAGE LID STATUS SENSOR LH (OPEN)
61	Y	STORAGE LID STATUS SENSOR LH (CLOSE)
66	L	ROOF STATUS SENSOR RH (OPEN)
68	P	ROOF STATUS SENSOR RH (CLOSE)
69	V	ROOF STATUS SENSOR LH (OPEN)
70	O	ROOF STATUS SENSOR LH (CLOSE)
71	SB	ROOF LATCH LOCK SENSOR
72	WR	PTC
73	R	HYDRAULIC PUMP RELAY 2
74	R/B	HYDRAULIC PUMP RELAY 1
79	BR	5TH BOW STRIKER SENSOR
82	BG	PTC
93	BR	SENSOR GND 4
94	BR	SENSOR GND 3
95	BR	SENSOR GND 2

Connector No.	B307
Connector Name	SOFT TOP CONTROL UNIT
Connector Type	NS18FW-CS



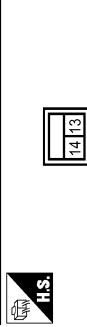
Terminal No.	Color of Wire	Signal Name [Specification]
96	W	SWITCHING VALVE 4
97	LG	SWITCHING VALVE 3
98	L	SWITCHING VALVE 2
99	O	SWITCHING VALVE 1
100	BR	HYDRAULIC PUMP RELAY 2 +
101	SB	HYDRAULIC PUMP RELAY 1 +
102	P	SWITCHING VALVE 5
103	B	HYDRAULIC UNIT GND
104	R	REAR WINDOW DEF OUT 2
111	R	REAR WINDOW DEF OUT 1

Connector No.	B308
Connector Name	HYDRAULIC UNIT
Connector Type	YAZAKI 7282-540-40



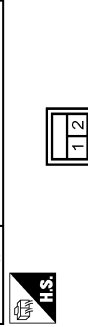
Terminal No.	Color of Wire	Signal Name [Specification]
1	O	-
2	L	-
3	LG	-
4	W	-
5	B	-
7	SB	-
8	BR	-
9	BG	-
10	WR	-
11	R	-
12	R/B	-

Connector No.	B309
Connector Name	HYDRAULIC UNIT
Connector Type	YAZAKI 7282-550-40



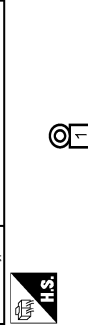
Terminal No.	Color of Wire	Signal Name [Specification]
13	R	-
14	B	-

Connector No.	B310
Connector Name	ROOF LATCH LOCK SENSOR
Connector Type	TYCO 174056-2



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

Connector No.	B311
Connector Name	REAR WINDOW DEFOGGER
Connector Type	-



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B312
Connector Name	5TH BOW STATUS SENSOR LH
Connector Type	TYCO I-174463-1



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

Connector No.	B313
Connector Name	5TH BOW STATUS SENSOR RH
Connector Type	TYCO I-174463-1



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

Connector No.	B314
Connector Name	STORAGE LID STATUS SENSOR LH
Connector Type	TYCO I-174463-1



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

Connector No.	B315
Connector Name	STORAGE LID STATUS SENSOR RH
Connector Type	TYCO I-174821-1



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

Connector No.	B316
Connector Name	ROOF STATUS SENSOR LH
Connector Type	TYCO I-174821-1



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

Connector No.	B317
Connector Name	ROOF STATUS SENSOR RH
Connector Type	TYCO I-174463-1



Terminal No.	Color of Wire	Signal Name [Specification]

1	BR	-
2	Y	-



Connector No.	B318
Connector Name	REAR WINDOW DEFOGGER
Connector Type	-

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



Connector No.	B319
Connector Name	5TH BOW LATCH / STROKER SENSOR ASSEMBLY
Connector Type	TIIDAMV

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

Connector No.	B401
Connector Name	WIRE TO WIRE
Connector Type	GT1350H-17/PP-HU



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

Connector No.	B402
Connector Name	SATELLITE RADIO TUNER
Connector Type	FAKRA CONNECTOR



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

# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### BODY HARNESS

Connector No. B403	WIRE TO WIRE	GT13SCN-2/1PP-HU		Connector No. B421	WIRE TO WIRE	GT16C-IS-HU(A)	
Terminal No. 1	-	-	Color of Wire	Terminal No. 1	-	-	Color of Wire
Terminal No. 2	-	-	Signal Name [Specification]	Terminal No. 2	-	-	Signal Name [Specification]
Terminal No. 3	-	-	Connector No. B409	Connector No. B425	WIRE TO WIRE	GT13SCN-1/1PP-HU	
Connector Name WIRE TO WIRE	GT13SCN-2/1PP-HU21		Connector Name TEL ADAPTER UNIT	Connector Name WIRE TO WIRE	GT16C-1S-HU		Connector Name WIRE TO WIRE
Connector Type GT13SCN-2/1PP-HU	GT13SCN-2/1PP-HU21		Connector Type GT16C-1S-HU	Connector Type GT13SCN-1/1PP-HU	GT16C-1S-HU		Connector Type GT13SCN-1/1PP-HU
Terminal No. 1	-	-	Terminal No. 33	Terminal No. 1	-	-	Terminal No. 1
Terminal No. 2	-	-	Terminal No. 34	Terminal No. 2	-	-	Terminal No. 2
Terminal No. 3	-	-	Signal Name [Specification]	Signal Name [Specification]	-	-	Signal Name [Specification]
Connector No. B404	WIRE TO WIRE	GT16C-1PP-HU(A)	Connector No. B420	Connector No. B426	WIRE TO WIRE	GT16C-1PP-HU(B)	
Terminal No. 1	-	-	Connector Name SATELLITE RADIO ANTENNA	Connector Name WIRE TO WIRE	GT16C-1PP-HU(A)		Connector Name WIRE TO WIRE
Terminal No. 2	-	-	Connector Type GT16C-1PP-HU(A)	Connector Type GT16C-1PP-HU(A)	GT16C-1PP-HU(A)		Connector Type GT16C-1PP-HU(B)
Terminal No. 3	-	-	Signal Name [Specification]	Signal Name [Specification]	-	-	Signal Name [Specification]
Connector Name WIRE TO WIRE	GT16C-1PP-HU(A)		Connector No. B407	Connector No. B428	WIRE TO WIRE	GT16C-1PP-HU(B)	
Connector Type GT16C-1PP-HU(A)	GT16C-1PP-HU(A)		Connector Name SATELLITE RADIO ANTENNA	Connector Name WIRE TO WIRE	GT16C-1PP-HU(B)		Connector Name WIRE TO WIRE
			Connector Type GT16C-1PP-HU(A)	Connector Type GT16C-1PP-HU(B)	GT16C-1PP-HU(B)		Connector Type GT16C-1PP-HU(B)
Terminal No. 1	-	-	Terminal No. 1	Terminal No. 1	-	-	Terminal No. 1
Terminal No. 2	-	-	Terminal No. 2	Terminal No. 2	-	-	Terminal No. 2
Signal Name [Specification]	-	-	Signal Name [Specification]	Signal Name [Specification]	-	-	Signal Name [Specification]
Connector No. B405	WIRE TO WIRE	GT13SSN-1/1PP-HU21	Connector No. B408	Connector No. B429	WIRE TO WIRE	GT16C-1PP-HU(B)	
Terminal No. 1	-	-	Connector Name SATELLITE RADIO ANTENNA	Connector Name WIRE TO WIRE	GT16C-1PP-HU(B)		Connector Name WIRE TO WIRE
Terminal No. 2	-	-	Connector Type GT13SSN-1/1PP-HU21	Connector Type GT16C-1PP-HU(B)	GT16C-1PP-HU(B)		Connector Type GT16C-1PP-HU(B)
Signal Name [Specification]	-	-	Signal Name [Specification]	Signal Name [Specification]	-	-	Signal Name [Specification]
Connector Name WIRE TO WIRE	GT13SSN-1/1PP-HU21		Connector No. B409	Connector No. B430	WIRE TO WIRE	GT16C-1PP-HU(A)	
Connector Type GT13SSN-1/1PP-HU21	GT13SSN-1/1PP-HU21		Connector Name SATELLITE RADIO ANTENNA	Connector Name WIRE TO WIRE	GT16C-1PP-HU(A)		Connector Name WIRE TO WIRE
			Connector Type GT16C-1PP-HU(A)	Connector Type GT16C-1PP-HU(A)	GT16C-1PP-HU(A)		Connector Type GT16C-1PP-HU(A)
Terminal No. 1	-	-	Terminal No. 1	Terminal No. 1	-	-	Terminal No. 1
Terminal No. 2	-	-	Terminal No. 2	Terminal No. 2	-	-	Terminal No. 2
Signal Name [Specification]	-	-	Signal Name [Specification]	Signal Name [Specification]	-	-	Signal Name [Specification]

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
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

**BODY HARNESS**


Connector No.	B427
Connector Name	WIRE TO WIRE
Connector Type	GT13SSN-1/1PP-HU(21)



**HS**

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


Connector No.	B428
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1PP-HUB



**HS**

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


Connector No.	B430
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1S-HUB



**HS**

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


Connector No.	B431
Connector Name	ANTENNA BASE
Connector Type	GT13SSN-1/1PP-HU



**HS**

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


Connector No.	B432
Connector Name	ANTENNA BASE
Connector Type	GT16C-1PP-HUB



**HS**

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

Connector No.	B429
Connector Name	WIRE TO WIRE
Connector Type	GT13SS-1/1S-HU(21)




**HS**

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

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


Connector No.	B433
Connector Name	ANTENNA BASE
Connector Type	GT16C-1PP-HUA



**HS**

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


Connector No.	B434
Connector Name	WIRE TO WIRE
Connector Type	MMMW-LC



**HS**

Terminal No.	Color of Wire	Signal Name [Specification]
33	-	-
48	-	-
59	-	-
60	-	-


Connector No.	B435
Connector Name	SLIDING MOTOR
Connector Type	M02PW-LC



**HS**

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


Connector No.	B436
Connector Name	POWER SEAT SWITCH
Connector Type	MMMW-LC



**HS**

Terminal No.	Color of Wire	Signal Name [Specification]
3	O	-
4	L	-
5	W/R	-
6	W	-
33	R	-
48	B	-


Connector No.	B504
Connector Name	RECLINING MOTOR
Connector Type	S02FW



**HS**

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


Connector No.	B505
Connector Name	RECLINING MOTOR
Connector Type	S02FW



**HS**

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


Connector No.	B506
Connector Name	ANTENNA BASE
Connector Type	GT16C-1PP-HUA



**HS**

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


Connector No.	B507
Connector Name	SLIDING MOTOR
Connector Type	M02PW-LC



**HS**

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


Connector No.	B508
Connector Name	RECLINING MOTOR
Connector Type	S02FW



**HS**

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


Connector No.	B509
Connector Name	ANTENNA BASE
Connector Type	GT16C-1PP-HUA



**HS**

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


Connector No.	B510
Connector Name	WIRE TO WIRE
Connector Type	MMMW-LC



**HS**

Terminal No.	Color of Wire	Signal Name [Specification]
33	-	-
48	-	-
59	-	-
60	-	-

Connector No.	B511
Connector Name	SLIDING MOTOR
Connector Type	M02PW-LC



**HS**

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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B512
Connector Name	SEAT CUSHION THERMAL ELECTRIC DEVICE
Connector Type	6089-2183



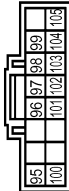
Terminal No.	Color of Wire	Signal Name [Specification]
86	G/W	-
87	G/B	-
102	V	-
103	BR	-

Connector No.	B513
Connector Name	CLIMATE CONTROLLED SEATBACK BLOWER MOTOR
Connector Type	7283-5820-30



Terminal No.	Color of Wire	Signal Name [Specification]
96	W/R	-
98	L	-
99	L/W	-

Connector No.	B510
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	Duplht: 15394150



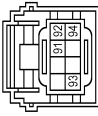
Terminal No.	Color of Wire	Signal Name [Specification]
95	R/L	-
96	W/R	-
97	L/R	-
98	L	-
99	L/W	-
100	GR	-
101	GR/R	-
102	V	-
103	BR	-
104	V/W	-
105	LG	-

Connector No.	B511
Connector Name	SEATBACK THERMAL ELECTRIC DEVICE
Connector Type	6089-2183



Terminal No.	Color of Wire	Signal Name [Specification]
85	G	-
86	G/R	-
104	V/W	-
105	LG	-

Connector No.	B508
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	Duplht: 15406141



Terminal No.	Color of Wire	Signal Name [Specification]
91	Y	-
92	W	-
93	R/W	-
94	W/R	-

Connector No.	B509
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	Duplht: 15332141



Terminal No.	Color of Wire	Signal Name [Specification]
85	G	-
86	G/W	-
87	G/B	-
88	G/R	-
89	R/W	-
90	L	-

Connector No.	B505
Connector Name	SEAT CUSHION HEATER
Connector Type	M03FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
48	-	-
59	-	-
60	-	-

Connector No.	B507
Connector Name	WIRE TO WIRE
Connector Type	N516MW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
75	L	-
76	B	-
78	LG	-
79	B	-
80	B	-
81	P	-
82	V	-
83	G	-
84	BG	-
85	CR	-
100	BR	-

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# CONNECTOR INFORMATION

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## BODY HARNESS

Connector No.	B514
Connector Name	CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR
Connector Type	TK03FW



Terminal No.	Color of Wire	Signal Name [Specification]
97	L/R	-
98	L	-
101	GR/R	-

Connector No.	B515
Connector Name	SEAT BELT BUCKLE SWITCH (DRIVER SIDE)
Connector Type	TK03FW



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

Connector No.	B551
Connector Name	WIRE TO WIRE
Connector Type	M04FW-LC



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

48	B	-
59	Y	-
60	BR	-

Connector No.	B552
Connector Name	SLIDING MOTOR
Connector Type	M02FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
5	W/R	-
6	W	-

Connector No.	B553
Connector Name	POWER SEAT SWITCH
Connector Type	M09BMW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
3	O	-
4	L	-
5	W/R	-
6	W	-
33	B	-
48	B	-

Connector No.	B554
Connector Name	RECLINING MOTOR
Connector Type	IS02FW



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

Connector No.	B555
Connector Name	SEAT CUSHION HEATER
Connector Type	M03FW-LC



Terminal No.	Color of Wire	Signal Name [Specification]
48	-	-
59	-	-
60	-	-

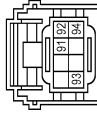
Connector No.	B557
Connector Name	WIRE TO WIRE
Connector Type	NS18MW-CS



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

76	B	-
78	G	-
79	B	-
90	B	-
91	L	-
92	G	-
93	Y	-
94	SB	-
95	V	-
100	W	-

Connector No.	B558
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	Delphi: I5408141



Terminal No.	Color of Wire	Signal Name [Specification]
91	Y	-
92	W	-
93	R/W	-
94	W/R	-

Connector No.	B559
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	Delphi: I5332141



Terminal No.	Color of Wire	Signal Name [Specification]
85	G	-
86	O/W	-
87	O/B	-
88	O/R	-
89	P/W	-
90	L	-

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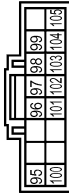
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## BODY HARNESS

Connector No.	B550
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT
Connector Type	Depth: 15394150



Terminal No.	Color of Wire	Signal Name [Specification]
95	R/L	-
96	W/R	-
97	L/R	-
98	L	-
99	L/W	-
100	GR	-
101	GR/R	-
102	V	-
103	BR	-
104	V/W	-
105	LG	-

Connector No.	B591
Connector Name	SEATBACK THERMAL ELECTRIC DEVICE
Connector Type	6098-2163



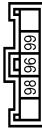
Terminal No.	Color of Wire	Signal Name [Specification]
85	G	-
88	G/R	-
104	V/W	-
105	LG	-

Connector No.	B592
Connector Name	SEAT CUSHION THERMAL ELECTRIC DEVICE
Connector Type	6098-2163



Terminal No.	Color of Wire	Signal Name [Specification]
86	G/W	-
87	G/B	-
102	V	-
103	BR	-

Connector No.	B583
Connector Name	CLIMATE CONTROLLED SEATBACK BLOWER MOTOR
Connector Type	7283-5630



Terminal No.	Color of Wire	Signal Name [Specification]
96	W/R	-
98	L	-
99	L/W	-

Connector No.	B584
Connector Name	CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR
Connector Type	7283-5630



Terminal No.	Color of Wire	Signal Name [Specification]
97	L/R	-
98	L	-
101	GR/R	-

Connector No.	B585
Connector Name	SEAT BELT BUCKLE SWITCH (PASSENGER SIDE)
Connector Type	TK03FW



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

Connector No.	B701
Connector Name	OCCUPANT DETECTION UNIT
Connector Type	6098-2220



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## DOOR HARNESS

Connector No.	D15
Connector Name	DRIVER SIDE DOOR LOCK ASSEMBLY
Connector Type	EBDFCY-RS



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

Connector No.	D18
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE LH
Connector Type	AGB02FY



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
10	V	-
11	LG	-
12	P	- [With BOSE system]
13	V	- [Without BOSE system]
14	B	- [Except for coupe models without BOSE system]
15	W	-
19	Y	-
23	Y/B	-
25	R	-
26	SHIELD	-
35	G	-
44	L	- [Except for coupe models without BOSE system]
50	Y	- [With BOSE system]
51	Y	- [Without BOSE system]
52	G	-
53	BG	-
54	GR	-
55	L	-

Connector No.	D33
Connector Name	DOOR MIRROR (PASSENGER SIDE)
Connector Type	TH08MW-NH



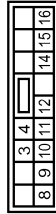
Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	-
2	GR	-
3	L	-
4	L	-
8	B	-

Connector No.	D36
Connector Name	FRONT DOOR SPEAKER RH
Connector Type	NS02FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	- [Coupe models without BOSE system]
2	P	- [Except for coupe models without BOSE system]
2	LG	- [Without BOSE system]

Connector No.	D38
Connector Name	POWER WINDOW SUB-SWITCH
Connector Type	NS16FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
3	G	-
4	BG	-
8	L	-
9	BR	-
10	W	-
11	B	-
12	R	-
14	Y	-
15	LG	-
16	Y	-

Connector No.	D40
Connector Name	PASSENGER SIDE POWER WINDOW MOTOR
Connector Type	FH06FCY-Z



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

Connector No.	D42
Connector Name	WIRE TO WIRE
Connector Type	NS04FW-CS



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

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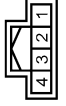





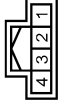













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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

DOOR HARNESS		
Connector No.	D43	
Connector Name	PASSENGER SIDE DOOR REQUEST SWITCH	
Connector Type	HK02FL	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	G	-
Connector No.	D48	
Connector Name	DOOR-MOUNTED CURTAIN AIR BAG MODULE RH	
Connector Type	AGB09EY	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	V	-
2	LG	-
Connector No.	D49	
Connector Name	FRONT DOOR SATELLITE SENSOR LH	
Connector Type	HK02FY-1V-EX-LC	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	G	-
Connector No.	D50	
Connector Name	FRONT DOOR SATELLITE SENSOR RH	
Connector Type	HK02FY-1V-EX-LC	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	G	-
Connector No.	D53	
Connector Name	WIRE TO WIRE	
Connector Type	TR04FW-NH	
		
Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	LG	-
Connector No.	D54	
Connector Name	HIGH-MOUNTED STOP LAMP	
Connector Type	TR02FW	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-
Connector No.	D101	
Connector Name	WIRE TO WIRE	
Connector Type	MM1FW-LC	
		
Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	-
4	B	-
Connector No.	D102	
Connector Name	WIRE TO WIRE	
Connector Type	TR04FW-NH	
		
Terminal No.	Color of Wire	Signal Name [Specification]
3	B	-
4	LG	-
Connector No.	D103	
Connector Name	CONDENSER	
Connector Type	MM1FW-LC	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	Y	-
Connector No.	D104	
Connector Name	HIGH-MOUNTED STOP LAMP	
Connector Type	TR02FW	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-
Connector No.	D106	
Connector Name	CONDENSER	
Connector Type	MM1FW-LC	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
2	Y	-
Connector No.	D107	
Connector Name	REAR WINDOW DEFOGGER	
Connector Type	PR01FB-A	
		
Terminal No.	Color of Wire	Signal Name [Specification]
2	B	-
Connector No.	D200	
Connector Name	REAR WINDOW DEFOGGER	
Connector Type	PR01FB-A	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
Connector No.	D300	
Connector Name	WIRE TO WIRE	
Connector Type	GT13SS-1/3S-HU21	
		
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
2	-	-

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# CONNECTOR INFORMATION



< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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**DOOR HARNESS**

Connector No.	D332
Connector Name	WIRE TO WIRE
Connector Type	GT13SC-2/1S-HU(21)

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



Connector No.	D333
Connector Name	ANTENNA AMP.
Connector Type	GT13SC-1/1S-HU

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



2	-	FM SUB
3	-	AM-FM MAIN

Connector No.	D311
Connector Name	GLASS ANTENNA
Connector Type	PR1FB-A

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

Connector No.	D334
Connector Name	ANTENNA AMP.
Connector Type	GT13SC-2/1S-RU

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

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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 (ENGINE ROOM)
Connector Type	LO2FB-MC



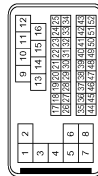
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	W	-

Connector No.	E2
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK (ENGINE ROOM)
Connector Type	LO2FY-MC



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

Connector No.	E3
Connector Name	WIRE TO WIRE
Connector Type	SAAS8MB-RSE-SH2Z



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

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

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	- [Cruise mode], - [Roadstar mode]
12	B/W	-
13	Y	-
16	LG	-
18	W	-
25	G	-
27	Y	-
28	L	-
30	GR	-
38	G	-

Connector No.	E6
Connector Name	IPM E/R INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH8BFW-NH



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

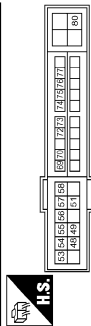
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

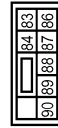
## ENGINE ROOM HARNESS

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



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

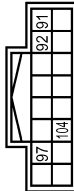
Connector No.	E8
Connector Name	ENGINE ROOM INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	NS38FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
83	R	-
84	P	-
86	BG	-
87	R	-

88	G	-
89	BR	-
90	LG	-

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



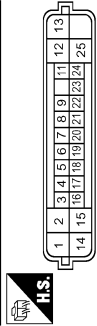
Terminal No.	Color of Wire	Signal Name [Specification]
91	P	-
92	BG	-
97	V	-
104	LG	-

Connector No.	E11
Connector Name	HORN RELAY 1
Connector Type	24381 7990A



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	VVEL ACTUATOR MOTOR POWER SUPPLY (BANK 2)
2	L/B	VVEL ACTUATOR MOTOR (HIGH LIFT) (BANK 2)
3	G	VVEL CONTROL SHAFT POSITION SENSOR 1 (BANK 1)
4	W	SENSOR GROUND
5	R	VVEL CONTROL SHAFT POSITION SENSOR 1 (BANK 2)
6	B	SENSOR GROUND
7	SB	SENSOR POWER SUPPLY
8	BG	POWER SUPPLY FOR VVEL CONTROL MODULE
9	LG	SENSOR GROUND
11	GR	ENGINE COMMUNICATION LINE
12	G	VVEL ACTUATOR MOTOR (HIGH LIFT) (BANK 1)
13	W	VVEL ACTUATOR MOTOR POWER SUPPLY (BANK 1)
14	B/W	VVEL CONTROL MODULE GROUND
15	L/Y	VVEL ACTUATOR MOTOR (LOW LIFT) (BANK 2)
16	R	VVEL CONTROL SHAFT POSITION SENSOR 2 (BANK 1)
17	L	SENSOR GROUND
18	G	VVEL CONTROL SHAFT POSITION SENSOR 2 (BANK 2)
19	W	SENSOR GROUND
20	BR	SENSOR POWER SUPPLY
21	V	VVEL ACTUATOR MOTOR RELAY ASSEMBLY SIGNAL (LOW)
22	P	SENSOR POWER SUPPLY
23	Y	VVEL CONTROL MOTOR RELAY
24	SB	ENGINE COMMUNICATION LINE
25	BR	VVEL ACTUATOR MOTOR (LOW LIFT) (BANK 1)

Connector No.	E16
Connector Name	VVEL ACTUATOR MOTOR RELAY
Connector Type	24347 9F909



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

Connector No.	E17
Connector Name	COOLING FAN RELAY
Connector Type	24347 9F909



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

Connector No.	E18
Connector Name	HORN RELAY 2
Connector Type	M03FW-R-LC



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

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# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### ENGINE ROOM HARNESS

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



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

Connector No.	E24
Connector Name	SIDE TURN SIGNAL LAMP RH
Connector Type	RK02FGY



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

Connector No.	E27
Connector Name	FRONT WHEEL SENSOR RH
Connector Type	ALZ02FB1



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

2	W	-
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Connector No.	E28
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	RS06FGY-PR



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

Connector No.	E30
Connector Name	HOOD SWITCH
Connector Type	RH02FB



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

Connector No.	E31
Connector Name	WASHER PUMP
Connector Type	EG02FGY-RS



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

Connector No.	E32
Connector Name	WASHER LEVEL SWITCH
Connector Type	Z02FBR



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

Connector No.	E36
Connector Name	CRASH ZONE SENSOR
Connector Type	HR02FY-1V-EX-L-C



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

Connector No.	E37
Connector Name	COOLING FAN CONTROL MODULE
Connector Type	ISZ01FGY-SNZ2



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

Connector No.	E41
Connector Name	MAP ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
Connector Type	BA042FB-A1Z4-LH



Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
2	G	URBR
3	R	URBR
4	B	GROUND
5	V	DS FL
6	BG	DP RL
7	BR	DP RR
8	B	DS FR
10	W	DS FR
14	P	CAN-L
25	Y	BUS-L
26	LG	DS FL
27	GR	DS FL
28	O	UZ
28	P	DS RR
38	SB	ELS
38	R	VDC CTR SW
38	L	CAN-H
48	B	BUS-H



# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### ENGINE ROOM HARNESS

Connector No.	E42
Connector Name	FRONT WIPER MOTOR
Connector Type	HS06FGY



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

Connector No.	E47
Connector Name	BRAKE FLUID LEVEL SWITCH
Connector Type	YV02ZFGY



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

Connector No.	E48
Connector Name	BRAKE BOOSTER PRESSURE SENSOR
Connector Type	RM03FB



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

Connector No.	E55
Connector Name	SIDE TURN SIGNAL LAMP LH
Connector Type	RK02ZFGY



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

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



Terminal No.	1	2	3
Color of Wire	LG	R	-
Signal Name [Specification]	-BATT (VOL SMALL) BUZZER SIGNAL	-	-

Connector No.	E68
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	RS06FGY-PR



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

Connector No.	E60
Connector Name	FRONT WHEEL SENSOR LH
Connector Type	AAZ02FBI



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

Connector No.	E61
Connector Name	HORN (HIGH)
Connector Type	PR01FB-ER-A



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

Connector No.	E62
Connector Name	HORN (HIGH)
Connector Type	PR01FB-A



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

Connector No.	E66
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	MO9FBR-LC



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## ENGINE ROOM HARNESS

Connector No.	E103
Connector Name	FUSE BLOCK (J/B)
Connector Type	MO2FB-LC



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

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



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	W	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	- [Cause model]
11F	V	- [Reader model]
	W	-

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	MO2FB-LC



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

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FW-CS



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

Connector No.	E102
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS18FW-CS



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO1FW-MC



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	LO1FW-MC



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

Connector No.	E101
Connector Name	FUSE BLOCK (J/B)
Connector Type	MO2FB-LC



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

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



Terminal No.	Color of Wire	Signal Name [Specification]
1F	SB	-
2F	W	-
4F	G	-
6F	BG	-
8F	L	-
9F	R	- [Cause model]
11F	V	- [Reader model]
	W	-

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# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### ENGINE ROOM HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	V	-
12	R	-
13	L	-
14	GR	-
15	P	-
16	W	-
17	SB	-
20	LG	-
21	BR	- [Coupe models] - [Roadster models]
31	L	-
32	Y	-
36	V	-
37	Y	-
38	R	-
39	B	-
40	W	-
41	LG	-
42	SB	-
43	G	-
44	GR	- [Except for roadster models with M.T.] - [Roadster models with M.T.]
45	EG	-
46	EG	-
47	W	-
47	P	-
56	SHIELD	-
59	G	-
70	W	-
80	W	-
81	P	-
82	G	-
83	V	-

84	L	-
85	BG	-
86	LG	-
87	R	-
89	P	-
91	W	-
92	L	-
93	G	-
94	Y	-
96	Y	-
97	BR	-
98	GR	-
99	LG	-
100	BG	-

Connector No.	E108
Connector Name	CLUTCH PEDAL POSITION SWITCH
Connector Type	S02FL



Terminal No.	Color of Wire	Signal Name [Specification]
1	SB	- [With SynchroRev Match mode] - [Without SynchroRev Match mode]
2	B	- [With SynchroRev Match mode] - [Without SynchroRev Match mode]

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	- [With M.T. or with M.T. and SynchroRev Match mode]
1	BR	- [With M.T. without SynchroRev Match mode]

2	SB	-
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Connector No.	E110
Connector Name	STOP LAMP SWITCH
Connector Type	MM4FW-LC



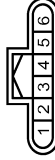
Terminal No.	Color of Wire	Signal Name [Specification]
1	L	-
2	W	-
3	G	-
4	P	-

Connector No.	E111
Connector Name	CLUTCH INTERLOCK SWITCH
Connector Type	S02FL



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

Connector No.	E112
Connector Name	ACCELERATOR PEDAL POSITION SENSOR
Connector Type	PH00FB



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

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	NS10MW-CS



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

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# CONNECTOR INFORMATION

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## ENGINE ROOM HARNESS

Connector No.	E171
Connector Name	WIRE TO WIRE
Connector Type	RS03MB



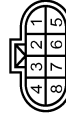
Terminal No.	Color of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-

Connector No.	E172
Connector Name	REFRIGERANT PRESSURE SENSOR
Connector Type	RS03FB



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

Connector No.	E180
Connector Name	WIRE TO WIRE
Connector Type	RS08FB-PR



Terminal No.	Color of Wire	Signal Name [Specification]
4	-	-
3	-	-
2	-	-
1	-	-
8	-	-
7	-	-
6	-	-
5	-	-

1	LG	-
2	R	-
4	BG	-
5	B	-
6	L	-
8	B	-

Connector No.	E201
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	-



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

Connector No.	E202
Connector Name	BATTERY TERMINAL WITH FUSIBLE LINK
Connector Type	-



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

Connector No.	E203
Connector Name	ALTERNATOR
Connector Type	-



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

Connector No.	E204
Connector Name	STARTER MOTOR
Connector Type	-



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

Connector No.	E301
Connector Name	COOLING FAN CONTROL MODULE (COOLING FAN MOTOR-I)
Connector Type	6188-0259



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

Connector No.	E302
Connector Name	COOLING FAN CONTROL MODULE (COOLING FAN MOTOR-2)
Connector Type	6188-0259



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

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# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

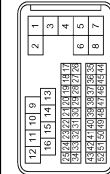
< DTC/CIRCUIT DIAGNOSIS >

### F Engine Control Harness

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#### ENGINE CONTROL HARNESS

Connector No.	F1
Connector Name	WIRE TO WIRE
Connector Type	SAASBF-RS-SHZ2



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

42	GR	-
43	R	-
45	SB	-
46	SHIELD	-
47	W/L	-
48	LG	-
49	O/L	-
50	L/Y	-
51	W	-
52	L/G	-

Connector No.	F2
Connector Name	CRANKSHAFT POSITION SENSOR (POS)
Connector Type	RH03FB



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

Connector No.	F3
Connector Name	AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1)
Connector Type	RH04MDGY-BR



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

Connector No.	F5
Connector Name	CRANKSHAFT POSITION SENSOR (PHASE) (BANK 1)
Connector Type	RH03FB



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

Connector No.	F6
Connector Name	ELECTRIC THROTTLE CONTROL ACTUATOR (BANK 1)
Connector Type	RH06FB



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

Connector No.	F7
Connector Name	EVAP CANISTER PURGE VOLUME CONTROL SOLenoid VALVE
Connector Type	EC02F-RS-LGY



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

Connector No.	F8
Connector Name	CONDENSER
Connector Type	M02FW-LC



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

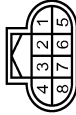
## ENGINE CONTROL HARNESS

Connector No.	F9
Connector Name	WIRE TO WIRE
Connector Type	RS04F-B



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

Connector No.	F10
Connector Name	WIRE TO WIRE
Connector Type	RR08FB



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

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



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

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



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

Connector No.	F13
Connector Name	IGNITION COIL No. 3 (WITH POWER TRANSISTOR)
Connector Type	EG03FY-RS



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

1	L	-
2	B	-
3	W	-



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



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

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



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

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



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

Connector No.	F17
Connector Name	ENGINE COOLANT TEMPERATURE SENSOR
Connector Type	EG03FY-RS



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## ENGINE CONTROL HARNESS

Connector No.	F13
Connector Name	THROTTLE POSITION SENSOR (THAS) (BANK 2)
Connector Type	RH03FB



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

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



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

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



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

Connector No.	F28
Connector Name	IN TAKE VALVE TRIMMING CONTROL SOLENOID VALVE (BANK 1)
Connector Type	EQ2FD-RS-LGY



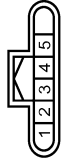
Terminal No.	Color of Wire	Signal Name [Specification]
1	W	-
2	R	-

Connector No.	F29
Connector Name	IN TAKE VALVE TRIMMING CONTROL SOLENOID VALVE (BANK 2)
Connector Type	EQ2FD-RS-LGY



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

Connector No.	F31
Connector Name	MASS AIR FLOW SENSOR (BANK 1)
Connector Type	RH03FB



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

Connector No.	F35
Connector Name	POWER STEERING PRESSURE SENSOR
Connector Type	RH03FB



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

Connector No.	F36
Connector Name	ALTERNATOR
Connector Type	RH30FB



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

Connector No.	F37
Connector Name	OIL PRESSURE SWITCH
Connector Type	EQ1FGY-RS-AR



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

Connector No.	F38
Connector Name	ENGINE OIL TEMPERATURE SENSOR
Connector Type	EQ2FDY-RS



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

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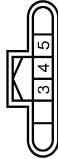
# CONNECTOR INFORMATION

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## ENGINE CONTROL HARNESS

Connector No.	F42
Connector Name	MASS AIR FLOW SENSOR (BANK 2)
Connector Type	RH08FB



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

Connector No.	F43
Connector Name	COMPRESSOR
Connector Type	RS01FB



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

Connector No.	F44
Connector Name	COMPRESSOR
Connector Type	RH02FGY



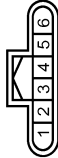
Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	ECV POWER SUPPLY
3	O	ECV SIGNAL

Connector No.	F45
Connector Name	POWER STEERING SOLENOID VALVE
Connector Type	RS02FBF-DGY



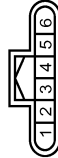
Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	-
2	B	-

Connector No.	F46
Connector Name	VEL CONTROL SHIFT POSITION SENSOR (BANK 1)
Connector Type	RH08FB



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

Connector No.	F47
Connector Name	VEL CONTROL SHIFT POSITION SENSOR (BANK 2)
Connector Type	RH08FB



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

Connector No.	F48
Connector Name	VEL ACTUATOR MOTOR (BANK 1)
Connector Type	X02FB



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

Connector No.	F49
Connector Name	VEL ACTUATOR MOTOR (BANK 2)
Connector Type	X02FB



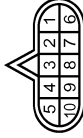
Terminal No.	Color of Wire	Signal Name [Specification]
1	L/B	-
2	L/Y	-

Connector No.	F50
Connector Name	MANIFOLD ABSOLUTE PRESSURE (MAP) SENSOR
Connector Type	RH08FB



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

Connector No.	F51
Connector Name	A/T ASSEMBLY
Connector Type	RK10FG-DGY



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	POWER SUPPLY
2	BR	POWER SUPPLY (MEMORY BACK-UP)
3	L	CAN-H
4	V	K-LINE
5	B	GROUND
6	Y	POWER SUPPLY
7	W	BACK-UP LAMP RELAY
8	P	CAN-L
9	GR	STARTER RELAY
10	B	GROUND



# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## ENGINE CONTROL HARNESS

Connector No.	F52
Connector Name	STARTER MOTOR
Connector Type	X01MGY



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

Connector No.	F53
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 2)
Connector Type	A1Z04FB



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

Connector No.	F54
Connector Name	HEATED OXYGEN SENSOR 2 (BANK 1)
Connector Type	A1Z04FB



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

2	R	-
3	P	-
4	W	-

Connector No.	F55
Connector Name	PARK / NEUTRAL POSITION SWITCH
Connector Type	RK02FB



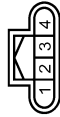
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	W	-

Connector No.	F56
Connector Name	BACK-UP LAMP SWITCH
Connector Type	RK02FB



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

Connector No.	F57
Connector Name	GEAR LEVER POSITION SENSOR
Connector Type	RH04FB



Terminal No.	Color of Wire	Signal Name [Specification]
1	R	GROUND
2	W	SHIFT-X
3	L	SV
4	G	SHIFT-Y

Connector No.	F58
Connector Name	INPUT SPEED SENSOR
Connector Type	RH03FB



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

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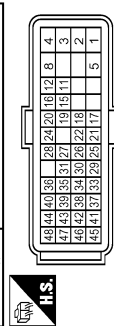
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## ENGINE CONTROL HARNESS

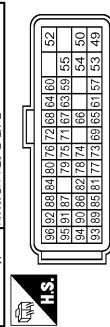
Connector No.	F101
Connector Name	ECM
Connector Type	RH40FB-R28-L-LH-Z



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

47	Y	SENSOR GROUND
48	B	SENSOR GROUND

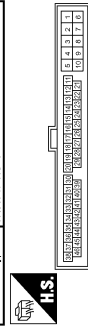
Connector No.	F102
Connector Name	ECM
Connector Type	RH40FB-R28-L-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
49	GR	THROTTLE CONTROL MOTOR (CLOSE) (BANK 2)
50	V	THROTTLE CONTROL MOTOR (OPEN) (BANK 2)
52	R	THROTTLE CONTROL MOTOR POWER SUPPLY (BANK 2)
53	W	IGNITION SWITCH
54	Y	ENGINE COMMUNICATION LINE
55	LG	ENGINE COMMUNICATION LINE
57	L	A/F SENSOR 1 (BANK 1)
59	O	CAMSHAFT POSITION SENSOR (PHASE) (BANK 1)
60	G	SENSOR POWER SUPPLY
61	R	A/F SENSOR 1 (BANK 1)
63	L	CAMSHAFT POSITION SENSOR (PHASE) (BANK 2)
64	SB	SENSOR POWER SUPPLY
65	LG	A/F SENSOR 1 (BANK 2)
66	V	A/F SENSOR 1 (BANK 2)
67	P	INTAKE AIR TEMPERATURE SENSOR (BANK 1)
68	LG	SENSOR GROUND
69	W	KNOCK SENSOR (BANK 2)
71	Y	ENGINE COOLANT TEMPERATURE SENSOR
72	SHIELD	SENSOR GROUND
73	W	KNOCK SENSOR (BANK 1)
74	L	SENSOR POWER SUPPLY
75	W	INPUT SPEED SENSOR
76	W	HEATED OXYGEN SENSOR 2 (BANK 1)
77	SB	MASS AIR FLOW SENSOR (BANK 1)
78	G	ENGINE OIL TEMPERATURE SENSOR
79	BR	MASS AIR FLOW SENSOR (BANK 2)
80	O	HEATED OXYGEN SENSOR 2 (BANK 2)
81	R	FUEL INJECTOR NO. 3
82	R	FUEL INJECTOR NO. 9
84	B	SENSOR GROUND
85	BR	FUEL INJECTOR NO. 2
86	Y	FUEL INJECTOR NO. 5
87	V	POWER STEERING PRESSURE SENSOR
88	R	SENSOR GROUND

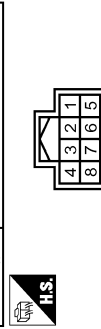
89	GR	FUEL INJECTOR NO. 1
90	O	FUEL INJECTOR NO. 4
91	SB	BATTERY CURRENT SENSOR
92	G	SENSOR GROUND
93	P	POWER SUPPLY FOR ECM (BACK-UP)
94	Y	SENSOR GROUND
95	G	SENSOR GROUND
96	P	SENSOR GROUND

Connector No.	F103
Connector Name	WIRE TO WIRE
Connector Type	TK8RFV-MS10



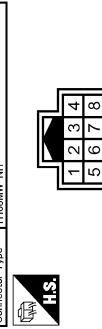
Terminal No.	Color of Wire	Signal Name [Specification]
2	G	-
3	W	-
4	R	-
5	B	-
8	L	-
9	Y	-
10	GR	-
19	O	-
20	Y	-
28	B	-
29	LG	-
30	R	-
31	O	-
39	W	-
42	G	-
43	P	-
44	L	-
45	Y	-
46	V	-

Connector No.	F104
Connector Name	WIRE TO WIRE
Connector Type	TH8RFV-NH



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

Connector No.	F105
Connector Name	WIRE TO WIRE
Connector Type	TH88MW-NH



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

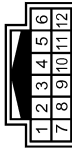
## ENGINE CONTROL HARNESS

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



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

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



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

Connector No.	F120
Connector Name	WIRE TO WIRE
Connector Type	FR08MB



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

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



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

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



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

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



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

Connector No.	F124
Connector Name	FUEL INJECTOR No. 4
Connector Type	HS02FGY



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

Connector No.	F125
Connector Name	FUEL INJECTOR No. 5
Connector Type	HS02FGY



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

Connector No.	F126
Connector Name	FUEL INJECTOR No. 6
Connector Type	HS02FGY



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## ENGINE CONTROL HARNESS

Connector No.	F201
Connector Name	WIRE TO WIRE
Connector Type	RS04M1-B



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

Connector No.	F202
Connector Name	KNOCK SENSOR (BANK 2)
Connector Type	ED2FG-RS-LGY



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

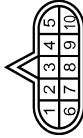
Connector No.	F203
Connector Name	KNOCK SENSOR (BANK 1)
Connector Type	ED2EG-RS-LGY



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

1	W	-
2	SHIELD	-

Connector No.	F301
Connector Name	TCM (TRANSMISSION CONTROL MODULE)
Connector Type	SP-0FG



Terminal No.	Color of Wire	Signal Name [Specification]
1	W	POWER SUPPLY
2	B	POWER SUPPLY (MEMORY BACK-UP)
3	R	CAN-H
4	O	K-LINE
5	G	GROUND
6	GR	POWER SUPPLY
7	L	BACK-UP LAMP RELAY
8	BR	CAN-L
9	Y	STARTER RELAY
10	W/B	GROUND

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# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### M Main Harness

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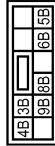
#### MAIN HARNESS

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



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

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



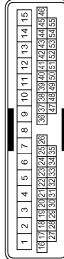
Terminal No.	Color of Wire	Signal Name [Specification]
3B	P	-
4B	G	-
5B	O	-
6B	Y	-
8B	B	-
9B	SB	-

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



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

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



Terminal No.	Color of Wire	Signal Name [Specification]
7	Y	-
8	Y	-
9	G	-
10	V	-
11	V	-
12	L	-
13	B	-
14	Y	-
15	W	-
16	W	-
17	Y/B	-
18	Y	-
19	SHIELD	-
20	BR	-
21	L	-
22	L	-
23	L	-
24	L	-
25	L	-
26	SHIELD	-
27	BR	-
28	L	-
29	B	-

48	SB	-
49	Y	-
50	W	-
51	R	-
52	L	-
53	W	-
54	G	-
55	R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
12	R	-
13	L	-
14	G	-
15	P	-
16	W	-
17	BR	-
20	GR	-
21	R	-
31	BR	-
32	V	-
36	SB	-
37	Y	-
38	LG	-
39	SB	-
40	W	-
41	LG	-
42	R	-
43	G	-
44	G	- [With A/T]
44	R	- [With W/T]
45	O	-

46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-
83	V	-
84	L	-
84	L	-
85	BR	-
86	Y	-
87	G	-
89	P	-
91	W	-
92	P	-
93	P	-
94	Y	-
96	P	-
97	GR	-
98	O	-
99	W	-
100	R	-

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## MAIN HARNESS

Connector No.	M7
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	BR	-
2	O	-
3	LG	-
4	O	-
6	V	-
7	LG	-
8	SB	-
9	GR	-
11	Y	-
12	V	-
13	BR	-
14	V	-
15	B	-
16	V	-
17	R	-
18	L	-
20	SB	-
21	G	-
22	GR	-
23	V	-
24	R	-
25	L	-
26	P	-
27	B	-
28	SHIELD	-
31	W	-
32	B	-
33	W	-
34	R	-
35	B	-
36	L	-
40	L	-
41	R	-
42	GR	-
43	R	-
44	R	-
45	O	-
46	SHIELD	- [Course models]

46	G	- [Roadster models]
47	R	-
48	SHIELD	-
51	V	-
52	R	-
57	SHIELD	-
58	B	-
60	L	-
61	R	-
62	SHIELD	-
63	R	-
64	G	-
65	SHIELD	-
66	LG	-
67	V	-
68	SHIELD	-
69	L	-
70	P	-
71	V	-
72	P	-
73	BR	-
74	GR	-
75	O	-
80	Y	-
81	W	-
82	BR	-
83	GR	-
84	L	-
85	LG	-
86	V	-
87	BR	-
88	SB	-
89	Y	-
93	Y	-
94	SB	- [Course models]
94	L	- [Roadster models]
95	GR	- [Course models]
95	W	- [Roadster models]
96	L	-
97	LG	- [Course models]
97	Y	- [Roadster models]
98	BG	- [Course models]
98	Y/B	- [Roadster models]
99	W	-
100	B	-

Connector No.	M9
Connector Name	DIODE
Connector Type	Z433Z-C9900



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

Connector No.	M12
Connector Name	TWEETER LH
Connector Type	TR02FBR



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

Connector No.	M14
Connector Name	TRUNK LID OPENER CANCEL SWITCH
Connector Type	S02FW



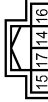
Terminal No.	Color of Wire	Signal Name [Specification]
1	O	-
2	B	-

Connector No.	M15
Connector Name	ROOF OPEN / CLOSE SWITCH
Connector Type	TH08FW-IV



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

Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Type	TH04FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
14	GR	-
15	SB	-
16	V	-
17	G	-

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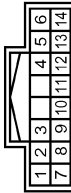
# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### MAIN HARNESS

Connector No.	M63
Connector Name	COMBINATION SWITCH
Connector Type	TH18FV-RH



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

Connector No.	M65
Connector Name	COMBINATION SWITCH (SPPAL CABLE)
Connector Type	TK06FY-EX-1V



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

Connector No.	M25
Connector Name	WIRE TO WIRE
Connector Type	NS18MW-CS



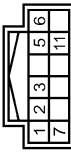
Terminal No.	Color of Wire	Signal Name [Specification]
2	Y	-
3	LG	-
4	LG	-
5	V	-
6	V	-
7	L	-
11	LG	-
12	Y	-
13	W	-
14	L	-
15	W	-
16	L	-

Connector No.	M32
Connector Name	PADDLE SHIFTER (SHIFT-DOWN)
Connector Type	AG8FW



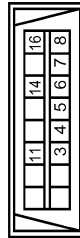
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	-
3	G	-

Connector No.	M22
Connector Name	KEY SLOT
Connector Type	TH12FV-RH



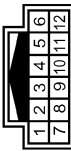
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	BAT
2	GR	CLOCK
3	W	DATA
4	Y	ILL BAT
5	Y	ILL
6	LG	GROUND
7	B	KEY SWITCH SIGNAL
11	R	-

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



Terminal No.	Color of Wire	Signal Name [Specification]
3	LG	- [Course models]
3	Y	- [Rearster models]
4	B	-
5	B	-
6	L	-
7	Y	-
8	G	-
11	Y	- [Course models]
11	LG	- [Rearster models]
14	P	-
16	Y	-

Connector No.	M18
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-RH



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

Connector No.	M19
Connector Name	VDC OFF SWITCH
Connector Type	TK04FW



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

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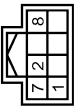













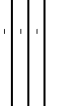




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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## MAIN HARNESS

<table border="1"> <tr><td>Connector No.</td><td>M36</td></tr> <tr><td>Connector Name</td><td>COMBINATION SWITCH (SPIRAL CABLE)</td></tr> <tr><td>Connector Type</td><td>TH08FGV-IV</td></tr> </table>  	Connector No.	M36	Connector Name	COMBINATION SWITCH (SPIRAL CABLE)	Connector Type	TH08FGV-IV	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>24</td><td>P</td><td>-</td></tr> <tr><td>25</td><td>SB</td><td>-</td></tr> <tr><td>28</td><td>W</td><td>-</td></tr> <tr><td>31</td><td>L</td><td>-</td></tr> <tr><td>32</td><td>Y</td><td>-</td></tr> <tr><td>33</td><td>B</td><td>-</td></tr> <tr><td>34</td><td>LG</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	24	P	-	25	SB	-	28	W	-	31	L	-	32	Y	-	33	B	-	34	LG	-	<table border="1"> <tr><td>Connector No.</td><td>M37</td></tr> <tr><td>Connector Name</td><td>STEERING ANGLE SENSOR</td></tr> <tr><td>Connector Type</td><td>TH08FW-NH</td></tr> </table>  	Connector No.	M37	Connector Name	STEERING ANGLE SENSOR	Connector Type	TH08FW-NH	<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>CAN-H</td></tr> <tr><td>2</td><td>P</td><td>CAN-L</td></tr> <tr><td>7</td><td>B</td><td>GROUND</td></tr> <tr><td>8</td><td>G</td><td>IGN</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	CAN-H	2	P	CAN-L	7	B	GROUND	8	G	IGN	<table border="1"> <tr><td>Connector No.</td><td>M38</td></tr> <tr><td>Connector Name</td><td>PADDLE SHIFTER (SHIFT-UP)</td></tr> <tr><td>Connector Type</td><td>HA0FW</td></tr> </table>  	Connector No.	M38	Connector Name	PADDLE SHIFTER (SHIFT-UP)	Connector Type	HA0FW	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>B</td><td>-</td></tr> <tr><td>3</td><td>O</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	B	-	3	O	-	<table border="1"> <tr><td>Connector No.</td><td>M41</td></tr> <tr><td>Connector Name</td><td>TWEETER LH</td></tr> <tr><td>Connector Type</td><td>TH02FBR</td></tr> </table>  	Connector No.	M41	Connector Name	TWEETER LH	Connector Type	TH02FBR	<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>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	2	W	-	<table border="1"> <tr><td>Connector No.</td><td>M42</td></tr> <tr><td>Connector Name</td><td>TWEETER RH</td></tr> <tr><td>Connector Type</td><td>TH02FBR</td></tr> </table>  	Connector No.	M42	Connector Name	TWEETER RH	Connector Type	TH02FBR	<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>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	2	W	-	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>2</td><td>L</td><td>-</td></tr> <tr><td>3</td><td>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	2	L	-	3	W	-	<table border="1"> <tr><td>Connector No.</td><td>M43</td></tr> <tr><td>Connector Name</td><td>TWEETER RH</td></tr> <tr><td>Connector Type</td><td>TH02FBR</td></tr> </table>  	Connector No.	M43	Connector Name	TWEETER RH	Connector Type	TH02FBR	<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>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	2	W	-	<table border="1"> <tr><td>Connector No.</td><td>M44</td></tr> <tr><td>Connector Name</td><td>SUNLOAD SENSOR</td></tr> <tr><td>Connector Type</td><td>K02FB</td></tr> </table>  	Connector No.	M44	Connector Name	SUNLOAD SENSOR	Connector Type	K02FB	<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>3</td><td>G</td><td>-</td></tr> <tr><td>4</td><td>BR</td><td>-</td></tr> <tr><td>5</td><td>GR</td><td>-</td></tr> <tr><td>6</td><td>Y</td><td>-</td></tr> <tr><td>7</td><td>V</td><td>-</td></tr> <tr><td>8</td><td>P</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	R	-	3	G	-	4	BR	-	5	GR	-	6	Y	-	7	V	-	8	P	-	<table border="1"> <tr><td>Connector No.</td><td>M45</td></tr> <tr><td>Connector Name</td><td>TWEETER RH</td></tr> <tr><td>Connector Type</td><td>TH02FBR</td></tr> </table>  	Connector No.	M45	Connector Name	TWEETER RH	Connector Type	TH02FBR	<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>W</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	L	-	2	W	-	<table border="1"> <tr><td>Connector No.</td><td>M46</td></tr> <tr><td>Connector Name</td><td>SUNLOAD SENSOR</td></tr> <tr><td>Connector Type</td><td>K02FB</td></tr> </table>  	Connector No.	M46	Connector Name	SUNLOAD SENSOR	Connector Type	K02FB	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>B</td><td>-</td></tr> <tr><td>2</td><td>R</td><td>-</td></tr> <tr><td>3</td><td>G</td><td>-</td></tr> <tr><td>4</td><td>BR</td><td>-</td></tr> <tr><td>5</td><td>GR</td><td>-</td></tr> <tr><td>6</td><td>Y</td><td>-</td></tr> <tr><td>7</td><td>V</td><td>-</td></tr> <tr><td>8</td><td>P</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	B	-	2	R	-	3	G	-	4	BR	-	5	GR	-	6	Y	-	7	V	-	8	P	-	<table border="1"> <tr><td>Connector No.</td><td>M47</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>TH12FW-RH</td></tr> </table>  	Connector No.	M47	Connector Name	WIRE TO WIRE	Connector Type	TH12FW-RH	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>O</td><td>SUNLOAD SENSOR SIGNAL</td></tr> <tr><td>2</td><td>GR</td><td>SENSOR GROUND</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	O	SUNLOAD SENSOR SIGNAL	2	GR	SENSOR GROUND	<table border="1"> <tr><td>Connector No.</td><td>M48</td></tr> <tr><td>Connector Name</td><td>PUSH-BUTTON IGNITION SWITCH</td></tr> <tr><td>Connector Type</td><td>TH08FBR</td></tr> </table>  	Connector No.	M48	Connector Name	PUSH-BUTTON IGNITION SWITCH	Connector Type	TH08FBR	<table border="1"> <tr><td>Terminal No.</td><td>Color of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>B</td><td>-</td></tr> <tr><td>2</td><td>R</td><td>-</td></tr> <tr><td>3</td><td>G</td><td>-</td></tr> <tr><td>4</td><td>BR</td><td>-</td></tr> <tr><td>5</td><td>GR</td><td>-</td></tr> <tr><td>6</td><td>Y</td><td>-</td></tr> <tr><td>7</td><td>V</td><td>-</td></tr> <tr><td>8</td><td>P</td><td>-</td></tr> </table>	Terminal No.	Color of Wire	Signal Name [Specification]	1	B	-	2	R	-	3	G	-	4	BR	-	5	GR	-	6	Y	-	7	V	-	8	P	-
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Connector No.	M43																																																																																																																																																																																																																																																																											
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Connector No.	M47																																																																																																																																																																																																																																																																											
Connector Name	WIRE TO WIRE																																																																																																																																																																																																																																																																											
Connector Type	TH12FW-RH																																																																																																																																																																																																																																																																											
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1	O	SUNLOAD SENSOR SIGNAL																																																																																																																																																																																																																																																																										
2	GR	SENSOR GROUND																																																																																																																																																																																																																																																																										
Connector No.	M48																																																																																																																																																																																																																																																																											
Connector Name	PUSH-BUTTON IGNITION SWITCH																																																																																																																																																																																																																																																																											
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JRMWD3364GB



# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

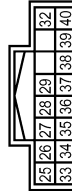
## MAIN HARNESS

Connector No.	M63
Connector Name	COMBINATION METER
Connector Type	T116FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BATTERY POWER SUPPLY
2	O	IGNITION SIGNAL
3	L	VEHICLE SPEED SIGNAL (2-PULSE)
4	Y	VEHICLE SPEED SIGNAL (8-PULSE) [Except for Mexico]
4	V	VEHICLE SPEED SIGNAL (8-PULSE) [For Mexico]
5	B	ILLUMINATION CONTROL SIGNAL
6	R	ROOF STATUS SIGNAL
8	Y	POP UP
9	BR	COMMUNICATION SIGNAL (TRIPLE METER)
10	L	COMMUNICATION SIGNAL (TRIPLE METER-METER)
11	Y	AT SNOW
12	G	S-MODE SWITCH SIGNAL
15	L	ACC POWER SUPPLY
16	R	AIR BAG SIGNAL
17	B	GROUND
18	V	AMBIENT SENSOR SIGNAL
19	G	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
20	GR	AMBIENT SENSOR GROUND
21	L	CAN-H
22	P	CAN-L
23	B	GROUND
24	Y	FUEL LEVEL SENSOR GROUND

Connector No.	M64
Connector Name	COMBINATION METER
Connector Type	T116FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1		
2		
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25	W	ALTERNATOR SIGNAL
26	O	PARKING BRAKE SWITCH SIGNAL
27	LG	BRAKE FLUID LEVEL SWITCH SIGNAL
28	Y	SECURITY SIGNAL
29	GR	WASHER LEVEL SWITCH SIGNAL
32	G	PADDLE SHIFTER DOWN SIGNAL
33	O	PADDLE SHIFTER UP SIGNAL
34	BR	FUEL LEVEL SENSOR SIGNAL
35	L	SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE)
36	P	PASSENGER SEAT BELT BUCKLE SWITCH SIGNAL (Except for Mexico)
36	L	PASSENGER SEAT BELT WARNING SIGNAL [For Mexico]
37	G	NON-MANUAL MODE SIGNAL
38	V	MANUAL MODE SHIFT DOWN SIGNAL
39	L	MANUAL MODE SHIFT UP SIGNAL
40	W	MANUAL MODE SIGNAL

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IN-VEHICLE SENSOR SIGNAL
2	GR	SENSOR GROUND

Connector No.	M63
Connector Name	INSIDE KEY ANTENNA (INSTRUMENT CENTER)
Connector Type	RK02FEY



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

Connector No.	M64
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	T1K0FW



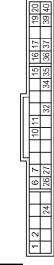
Terminal No.	Color of Wire	Signal Name [Specification]
1	O	
2	V	
3	P	
4	BR	
5	GR	
6	B	
7	R	
8	R	

Connector No.	M65
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SIDE)
Connector Type	T1K08FBR



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

Connector No.	M66
Connector Name	A/C AUTO AMP
Connector Type	ISB40FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	CAN-H
2	P	CAN-L
6	L	TX AMP-CONT
7	P	RX CONT-AMP
10	BR	LAN SIGNAL
11	Y	EACH DOOR MOTOR POWER SUPPLY
15	O	SUNLOAD SENSOR SIGNAL
16	R	INTAKE SENSOR SIGNAL
17	L	ACC POWER SUPPLY
19	B	GROUND
20	G	IGNITION POWER SUPPLY
24	O	ECV SIGNAL
26	R	REAR WINDOW DEFOGGER FEEDBACK SIGNAL
27	L	REAR WINDOW DEFOGGER ON SIGNAL
32	P	BLOWER MOTOR CONTROL SIGNAL
34	G	A/C AUTO AMP CONNECTION RECOGNITION SIGNAL
35	V	AMBIENT SENSOR SIGNAL
36	LG	IN-VEHICLE SENSOR SIGNAL
37	GR	SENSOR GROUND
39	B	GROUND
40	Y	BATTERY POWER SUPPLY

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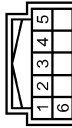
# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### MAIN HARNESS

Connector No.	M87
Connector Name	A/C CONTROL
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	IGNITION POWER SUPPLY
2	R	ILL*
3	W	ILL-
4	P	TX (SW/AMP)
5	L	RX (AMP/SW)
6	B	GROUND

Connector No.	M88
Connector Name	PARKING BRAKE SWITCH
Connector Type	P01FB-A



Terminal No.	1	Color of Wire	O	Signal Name [Specification]	-
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Connector No.	M89
Connector Name	BACK-UP LAMP RELAY
Connector Type	MS02FL-MZ-LC



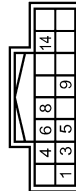
Terminal No.	1	Color of Wire	W	Signal Name [Specification]	-
2	G	R	-	-	-
3	R	O	-	-	-
5	O	-	-	-	-

Connector No.	M70
Connector Name	HEATED SEAT RELAY
Connector Type	MS02FL-MZ-LC



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

Connector No.	M72
Connector Name	MULTIFUNCTION SWITCH
Connector Type	TH16FW-NH



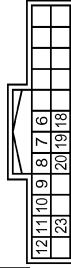
Terminal No.	1	Color of Wire	B	Signal Name [Specification]	GROUND
3	L	ACC	-	-	-
4	R	ILL	-	-	-
5	W	ILL CONT	-	-	-
8	LG	AV COMM (A) [Coupe models]	-	-	-
6	L	AV COMM (A) [Resistor models]	-	-	-
8	Y	AV COMM (L) [Coupe models]	-	-	-
8	P	AV COMM (L) [Resistor models]	-	-	-
9	BR	SW GND	-	-	-
14	SB	DISK EJECT SIGNAL	-	-	-

Connector No.	M73
Connector Name	PASSENGER AIR BAG OFF INDICATOR
Connector Type	JAB09FB



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

Connector No.	M75
Connector Name	FRONT DISPLAY UNIT
Connector Type	TH24FW-NH



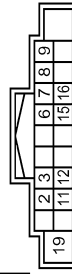
Terminal No.	6	Color of Wire	B	Signal Name [Specification]	SHIELD
7	L	SHIELD	-	-	-
8	L	CAMERA IMAGE SIGNAL	-	-	-
9	R	COMM (DISP->CONT)	-	-	-
10	G	COMM (CONT->DISP)	-	-	-
11	Y	BATTERY	-	-	-
12	B	GROUND	-	-	-
18	G	COMPOSITE IMAGE SIGNAL	-	-	-
19	L	COMPOSITE IMAGE SIGNAL GND	-	-	-
20	Y	-	-	-	-
23	L	ACC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

Connector No.	M78
Connector Name	CIRCUIT BREAKER
Connector Type	MS02FW-LC



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

Connector No.	M80
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CSZ



Terminal No.	2	Color of Wire	L	Signal Name [Specification]	SOUND SIGNAL FRONT SPEAKER LH (+)
3	V	SOUND SIGNAL FRONT SPEAKER LH (-)	-	-	-
6	P	STRG SW A	-	-	-
7	L	ACC	-	-	-
8	W	ILL (-)	-	-	-
9	R	ILL (+)	-	-	-
11	V	SOUND SIGNAL FRONT SPEAKER RH (+)	-	-	-
12	LG	SOUND SIGNAL FRONT SPEAKER RH (-)	-	-	-
15	B	STRG SW B	-	-	-
18	L	BATTERY	-	-	-

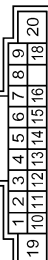
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

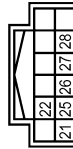
## MAIN HARNESS

Connector No.	M81
Connector Name	AUDIO UNIT
Connector Type	TH18FW-CS2



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

Connector No.	M82
Connector Name	AUDIO UNIT
Connector Type	TH12FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
21	R	AV COMM (RH)
22	G	AV COMM (L)
25	SHIELD	SHIELD

26	LG	TEL VOICE SIGNAL (+)
27	V	TEL VOICE SIGNAL (-)
28	O	TELEPHONE ON SIGNAL

Connector No.	M83
Connector Name	AUDIO UNIT
Connector Type	A12FW



Terminal No.	Color of Wire	Signal Name [Specification]
31	W	SATELLITE RADIO SOUND SIGNAL LH (-)
32	B	SATELLITE RADIO SOUND SIGNAL LH (+)
33	R	SATELLITE RADIO SOUND SIGNAL RH (-)
34	G	SATELLITE RADIO SOUND SIGNAL RH (+)
35	SHIELD	SHIELD
36	SHIELD	SHIELD
38	P	REQUEST (SAT->AUDIO) [Couple models]
39	G	REQUEST (SAT->AUDIO) [Reader models]
39	G	COMM (SAT->AUDIO)
40	L	COMM (AUDIO->SAT)

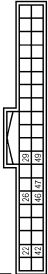
Connector No.	M84
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2



Terminal No.	Color of Wire	Signal Name [Specification]
1	V	BOSE AMP. ON SIGNAL
2	LG	SOUND SIGNAL FRONT LH (+)
3	V	SOUND SIGNAL FRONT LH (-)
4	L	SOUND SIGNAL REAR LH (+)
5	R	SOUND SIGNAL REAR LH (-)
6	P	STRG SW A
7	L	ACC

10	SHIELD	SHIELD
11	L	SOUND SIGNAL FRONT RH (+)
12	P	SOUND SIGNAL FRONT RH (-)
13	R	SOUND SIGNAL REAR RH (+)
14	Y	SOUND SIGNAL REAR RH (-) [Couple models]
14	G	SOUND SIGNAL REAR RH (-) [Reader models]
15	B	STRG SW GND
16	L	STRG SW B
19	Y	BATTERY
20	B	GROUND

Connector No.	M85
Connector Name	AV CONTROL UNIT
Connector Type	TH40FW-NH



Terminal No.	Color of Wire	Signal Name [Specification]
22	R	CAMERA POWER SUPPLY
26	LG	AUX IMAGE SIGNAL
29	SB	DISK EJECT SIGNAL
42	B	CAMERA GND
46	V	AUX IMAGE GND
47	SHIELD	SHIELD
48	BR	SW GND

Connector No.	M86
Connector Name	AV CONTROL UNIT
Connector Type	TH32FW-RH



Terminal No.	Color of Wire	Signal Name [Specification]
65	O	PARKING BRAKE SIGNAL
67	L	COMPOSITE IMAGE GND
68	G	COMPOSITE IMAGE SIGNAL

71	SHIELD	MICROPHONE GND
72	R	MICROPHONE VCC
73	G	COMM (GONT->DISP)
74	P	CAN-L
75	LG	AV COMM (L) [Couple models]
75	Y	AV COMM (L) [Reader models]
76	LG	AV COMM (L) [Couple models]
76	Y	AV COMM (L) [Reader models]
79	R	ILL*
80	G	IGNITION SIGNAL
81	O	REVERSE SIGNAL
82	Y	VEHICLE SPEED SIGNAL (6-PULSE)
83	B	SHIELD
84	Y	-
87	G	MICROPHONE SIGNAL
89	R	COMM (DISP->CONT)
90	L	CAN-H
91	Y	AV COMM (H) [Couple models]
91	LG	AV COMM (H) [Reader models]
92	Y	AV COMM (H) [Couple models]
92	LG	AV COMM (H) [Reader models]

Connector No.	M87
Connector Name	AV CONTROL UNIT
Connector Type	TH28FW



Terminal No.	Color of Wire	Signal Name [Specification]
104	Y	AUX SOUND SIGNAL LH (+)
112	SHIELD	SHIELD
118	G	AUX SOUND SIGNAL RH (+)
119	L	AUX SOUND SIGNAL GND

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

# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## MAIN HARNESS

Connector No.	M88
Connector Name	AV CONTROL UNIT
Connector Type	HAAMFL



Terminal No.	Color of Wire	Signal Name [Specification]
129	O	USB GND
130	L	USB D- SIGNAL
131	BR	V BUS SIGNAL
132	R	USB D+ SIGNAL
133	SHIELD	SHIELD

Connector No.	M80
Connector Name	USB CONNECTOR
Connector Type	HAAAFG



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

Connector No.	M84
Connector Name	OPTICAL SENSOR
Connector Type	THG3FW

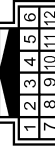


Terminal No.	Color of Wire	Signal Name [Specification]
1	V	POWER
2	O	OUTPUT
3	P	GROUND

Connector No.	M86
Connector Name	WIRE TO WIRE
Connector Type	AB8FW



Connector No.	M89
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



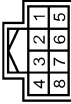
Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	-
2	R	-
4	BR	-
5	B	-
6	Y	-

Connector No.	M87
Connector Name	WIRE TO WIRE
Connector Type	M02MB-P-LC



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

Connector No.	M88
Connector Name	WIRE TO WIRE
Connector Type	TH08FV-NH



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

Connector No.	M89
Connector Name	WIRE TO WIRE
Connector Type	TH12MW-NH



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

Terminal No.	9	LG	-
Terminal No.	10	V	-

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



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

Connector No.	M103
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	RK04FY-BD



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

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# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

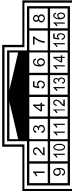
### MAIN HARNESS

Connector No.	M104
Connector Name	REMOTE KEYLESS ENTRY RECEIVER (FRONT)
Connector Type	JABM4FB



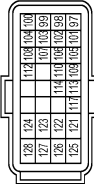
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	GROUND
2	GR	SIGNAL OUTPUT
4	LG	BATTERY

Connector No.	M106
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-NH



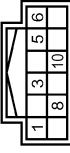
Terminal No.	Color of Wire	Signal Name [Specification]
4	W	-
5	R	-
6	B	-
7	P	-
8	R	-
11	B	-
12	G	-
13	Y	-
14	SHIELD	-
15	R	-
16	G	-

Connector No.	M107
Connector Name	ECM
Connector Type	PH24FEQ-R28-R-LH-Z



Terminal No.	Color of Wire	Signal Name [Specification]
97	R	ACCELERATOR PEDAL POSITION SENSOR L
98	P	ACCELERATOR PEDAL POSITION SENSOR Z
99	L	SENSOR POWER SUPPLY
100	W	SENSOR GROUND
101	SB	ASC/D STEERING SWITCH
102	GR	EVAP CONTROL SYSTEM PRESSURE SENSOR
103	G	SENSOR POWER SUPPLY
104	GR	SENSOR GROUND
105	L	REFRIGERANT PRESSURE SENSOR
106	W	FUEL TANK TEMPERATURE SENSOR
107	BR	SENSOR POWER SUPPLY
108	Y	SENSOR GROUND
109	G	PNP SIGNAL
110	R	ENGINE SPEED OUTPUT SIGNAL
111	SB	SENSOR GROUND
112	P	CAN COMMUNICATION LINE
113	L	CAN COMMUNICATION LINE
114	L	CAN COMMUNICATION LINE
117	Y	DATA LINK CONNECTOR
121	LG	EVAP CANISTER VENT CONTROL VALVE
122	P	STOP LAMP SWITCH
123	B	ECM GROUND
124	B	ECM GROUND
125	R	POWER SUPPLY FOR ECM
126	BR	ASC/D BRAKE SWITCH
127	B	ECM GROUND
128	B	ECM GROUND

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



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	EPS SOL+
3	G	IGN
5	B	EPS SOL-
6	B	GROUND
8	L	VEHICLE SPEED (ZP)
10	R	ENG TAGHO

Connector No.	M109
Connector Name	BLOWER MOTOR
Connector Type	NS303FW-M3



Terminal No.	Color of Wire	Signal Name [Specification]
1	L	BLOWER MOTOR POWER SUPPLY
2	P	BLOWER MOTOR CONTROL SIGNAL
3	B	SENSOR GROUND

Connector No.	M116
Connector Name	WIRE TO WIRE
Connector Type	TH38MW-NS10



Terminal No.	Color of Wire	Signal Name [Specification]
2	W	-
3	BG	- [Coupe models]
3	O	- [Roadster models]
4	W	-
5	B	-
8	L	-
9	Y	-
10	R	-
19	O	-
20	G	-
28	B	-
29	LG	-
30	LG	-
31	O	-
39	G	-
42	G	-
43	P	-
44	L	-
45	BR	-
46	Y	-

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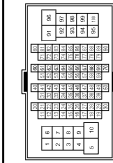
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## MAIN HARNESS

Connector No.	M117
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS1E-TM4



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	- [Coupe models]
2	LG	- [Roadster models]
3	O	- [Coupe models]
3	B	- [Roadster models]
4	W	-
7	LG	- [Coupe models]
7	Y	- [Roadster models]
8	LG	-
9	Y	-
11	R	-
20	G	-
21	R	-
30	B	-
40	O	-
41	Y	-
42	G	-
43	L	-
44	SB	-
51	R	-
52	G	-
53	SHIELD	-
54	LG	-
55	V	-
56	SHIELD	-
57	P	- [Coupe models]
58	R	- [Roadster models]
58	L	- [Coupe models]
58	R	- [Roadster models]
59	B	-
60	W	-
61	GR	-
62	B	-
63	Y	-
64	L	-
65	G	-
65	O	-
67	Y	-
68	P	-

69	L	-
70	L	-
72	B	-
73	B	-
74	B	-
75	B	-
76	B	-
80	L	-
81	Y	-
82	W	-
83	B	-
84	R	-
85	G	-
86	SHIELD	-
87	G	-
88	L	-
88	P	- [Coupe models]
88	Y	- [Roadster models]
89	Y	-
90	SHIELD	-
92	G	- [Coupe models]
92	LG	- [Roadster models]
93	R	- [Coupe models]
93	V	- [Roadster models]
94	SHIELD	- [Coupe models]
94	G	- [Roadster models]
95	SB	- [Coupe models]
95	LG	- [Roadster models]
97	LG	- [Coupe models]
97	Y	- [Roadster models]
98	V	- [Coupe models]
98	Y/B	- [Roadster models]
99	G	-
100	BR	- [Coupe models]
100	Y	- [Roadster models]

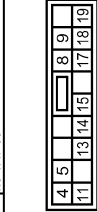
Connector No.	M118
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	M03FB-LC



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

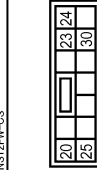
3	Y	POWER WINDOW POWER SUPPLY (IGN)
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Connector No.	M119
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS12FW-CS



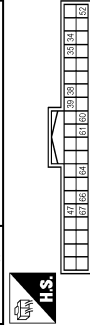
Terminal No.	Color of Wire	Signal Name [Specification]
4	R	INTERIOR ROOM LAMP POWER SUPPLY
5	G	PASSENGER DOOR UNLOCK OUTPUT
8	V	ALL DOOR FUEL LID LOCK OUTPUT
9	G	DRIVER DOOR FUEL LID UNLOCK OUTPUT
11	BR	BAT (FUSE)
13	B	GROUND
14	R	PUSH-BUTTON (IGNITION SW ILL GND)
15	Y	ACC IND
17	W	TURN SIGNAL RH (FRONT, SIDE)
18	O	TURN SIGNAL LH (FRONT, SIDE)
19	P	ROOM LAMP TIMER CONTROL

Connector No.	M120
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	NS12FW-CS



Terminal No.	Color of Wire	Signal Name [Specification]
20	V	TURN SIGNAL RH (REAR)
23	L	BACK DOOR OPEN OUTPUT [Coupe models]
23	Y	TRUNK LID OPEN OUTPUT [Roadster models]
24	O	REAR FOG OUTPUT
25	LG	TURN SIGNAL LH (REAR)
30	R	LUGGAGE/TRUNK ROOM LAMP OUTPUT

Connector No.	M121
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	TH40F0Y-NH



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

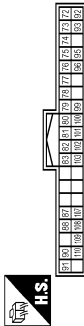
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

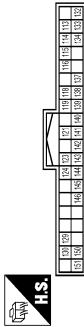
## MAIN HARNESS

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



Terminal No.	Color of Wire	Signal Name [Specification]
72	L	ROOM ANT 2-
73	P	ROOM ANT 2+
74	SB	PASSENGER DOOR ANT-
75	BR	PASSENGER DOOR ANT+
76	V	DRIVER DOOR ANT-
77	LG	DRIVER DOOR ANT+
78	L	ROOM ANT 1-
79	R	ROOM ANT 1+
80	GR	NATS ANT AMP.
81	W	NATS ANT AMP.
82	R	IGN RELAY (F/B) CONT
83	GR	KYLS ENT RECEIVER (FRONT) COMM
87	BR	COMBI SW INPUT 5
88	V	COMBI SW INPUT 3
90	P	CAN-L
91	L	CAN-H
92	LG	KEY SLOT ILL
93	V	ON IND
95	O	ACC RELAY CONT
96	Y	A/T SHIFT SELECTOR POWER SUPPLY
99	R	SHIFT P CLUTCH PEDAL POS SW
100	GR	PASSENGER DOOR REQUEST SW
101	Y	DRIVER DOOR REQUEST SW
102	O	BLOWER FAN MOTOR RELAY CONT
103	LG	KYLS ENT RECEIVER (FRONT) PWR SUPPLY
107	LG	COMBI SW INPUT 1
108	R	COMBI SW INPUT 4
109	P	COMBI SW INPUT 2
110	P	HAZARD SW

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



Terminal No.	Color of Wire	Signal Name [Specification]
113	O	OPTICAL SENSOR
114	R	CLUTCH INTERLOCK SW
115	O	-
116	SB	STOP LAMP SW 1
118	P	STOP LAMP SW 2
119	SB	DR DOOR UNLOCK SENSOR
121	R	KEY SLOT SW
123	W	IGN F/B
124	LG	PASSENGER DOOR SW
129	O	TRUNK LID OPENER CANCEL SW
130	L	REAR DEFOGGER SW
132	V	P/W SW & SOFT TOP C/U COMM (Resistor models)
132	Y	POWER WINDOW SW COMM (Resistor models)
133	G	PUSH BUTTON IGNITION SW ILL POWER
134	GR	LOCK IND
137	P	RECEIVER SENSORS GND
138	V	RECEIVER & SENSOR POWER SUPPLY
139	L	TIRE PRESS RECELV COMM
140	G	P/A POSITION
141	Y	SECURITY INDICATOR
142	O	COMBI SW OUTPUT 5
143	P	COMBI SW OUTPUT 1
144	G	COMBI SW OUTPUT 2
145	L	COMBI SW OUTPUT 3
146	SB	COMBI SW OUTPUT 4
150	GR	DRIVER DOOR SW
151	G	REAR WINDOW DEFOGGER RELAY CONT

Connector No.	M124
Connector Name	WIRE TO WIRE
Connector Type	TH40MW-CS15



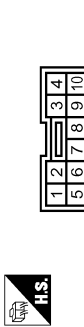
Terminal No.	Color of Wire	Signal Name [Specification]
10	G	-
11	V	-
12	LG	-
13	L	-
14	B	-
15	W	-
19	Y	-
23	Y/B	-
25	W	-
26	SHIELD	-
35	B	-
44	O	-
50	Y	-
51	Y	-
52	GR	-
54	G	-
55	W	-
55	R	-

Connector No.	M126
Connector Name	PASSENGER AIR BAG MODULE
Connector Type	TK03FY-EX-1V



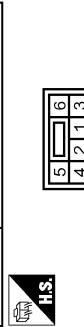
Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	GR	-
3	SB	-
4	B	-
5	B	-
6	W	-

Connector No.	M137
Connector Name	A/T SHIFT SELECTOR
Connector Type	TK10FW



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

Connector No.	M138
Connector Name	HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS09FW-2S



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

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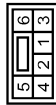
# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

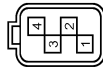
## MAIN HARNESS

Connector No.	M140
Connector Name	HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	INS06FB-C5



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	GROUND
2	O	ECM
3	GR	ILL+
4	B	ILL-
5	R	ILL-
6	W	ILL-

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



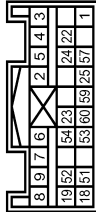
Terminal No.	Color of Wire	Signal Name [Specification]
1	B	
2	Y	
3	SB	
4	G	

Connector No.	M144
Connector Name	HAZARD SWITCH
Connector Type	T104FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	GR	GROUND
2	P	ECM
3	R	ILL+
4	B	ILL-

Connector No.	M147
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	NH28FY-EX



Terminal No.	Color of Wire	Signal Name [Specification]
1	LG	IGN
2	B	IGN
3	Y	DR 1 (+)
4	Y	DR 1 (-) DR 2 (-)
5	Y	DR 2 (+)
6	Y	AS 1 (+)
7	Y	AS 1 (-)
8	Y	AS 2 (+)
9	Y	AS 2 (-)
18	R	EC3S (+)
19	L	EC3S (-)
22	SHIELD	GROUND
24	R	AIRBAG W/L
25	R	SEAT BELT
26	R	CUTOFF BELLALE
31	W	SATELLITE IMZ (C)
32	B	SATELLITE IMZ (C)
33	Y	SATELLITE IMZ (V)

54	BR	SATELLITE IMZ (C)
57	O	DEPLOYMENT INFORMATION OUTPUT
59	L	CAN-H
60	P	CAN-L



Connector No.	M203
Connector Name	MODE DOOR MOTOR
Connector Type	AG3FW

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	DOOR MOTOR POWER SUPPLY [Coupe models]
1	L	DOOR MOTOR POWER SUPPLY [Roadster models]
2	B	SENSOR GROUND
3	L	A/C LAN SIGNAL

Connector No.	M204
Connector Name	AIR MIX DOOR MOTOR
Connector Type	AG3FW



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	DOOR MOTOR POWER SUPPLY [Coupe models]
1	L	DOOR MOTOR POWER SUPPLY [Roadster models]
2	B	SENSOR GROUND
3	L	A/C LAN SIGNAL

Connector No.	M148
Connector Name	FRONT POWER SOCKET
Connector Type	P02FB-Z



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

Connector No.	M201
Connector Name	WIPE TO WIRE
Connector Type	AG3RW



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

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## MAIN HARNESS

Connector No.	M205
Connector Name	INTAKE SENSOR
Connector Type	TH04FW




Terminal No.	Color of Wire	Signal Name [Specification]
1	R	INTAKE SENSOR SIGNAL
2	W	SENSOR GROUND [Coupe models]
2	GR	SENSOR GROUND [Reader models]

Connector No.	M208
Connector Name	INTAKE DOOR MOTOR
Connector Type	A03FW




Terminal No.	Color of Wire	Signal Name [Specification]
1	G	DOOR MOTOR POWER SUPPLY [Coupe models]
1	L	DOOR MOTOR POWER SUPPLY [Reader models with BAS]
1	R	DOOR MOTOR POWER SUPPLY [Reader models without BAS]
2	B	SENSOR GROUND
3	L	A/C LAM SIGNAL

Connector No.	M241
Connector Name	WIRE TO WIRE
Connector Type	TH12XW





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

Connector No.	M242
Connector Name	TRIPLE METER
Connector Type	TH12FW-NH





Terminal No.	Color of Wire	Signal Name [Specification]
1	B	GROUND
2	V	BATTERY POWER SUPPLY
3	O	IGNITION SIGNAL
4	BR	COMMUNICATION SIGNAL METER-TRIPLE METER
5	L	COMMUNICATION SIGNAL TRIPLE METER-METER

Connector No.	M251
Connector Name	WIRE TO WIRE
Connector Type	M02FB-LC




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

Connector No.	M252
Connector Name	WIRE TO WIRE
Connector Type	TH08MW-NH





Terminal No.	Color of Wire	Signal Name [Specification]
1	BG	- [Coupe models]
1	O	- [Reader models]
2	SB	
3	B	
4	G	
5	B	
6	L	
7	G	
8	G	

Connector No.	M253
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH





Terminal No.	Color of Wire	Signal Name [Specification]
1	SHIELD	
2	B	
3	R	
4	W	
5	P	- [Coupe models]
5	G	- [Reader models]
6	L	- [Coupe models]
6	R	- [Reader models]
7	SHIELD	
8	SHIELD	
9	G	
10	R	

Connector No.	M254
Connector Name	CONSOLE POWER SOCKET
Connector Type	P02FB-Z




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

Connector No.	M255
Connector Name	S-MODE SWITCH
Connector Type	TH04FGY




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

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# CONNECTOR INFORMATION

[POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

## MAIN HARNESS

Connector No. M256	Connector Name HAZARD SWITCH	Connector Type TK02FW			Terminal No.	Color of Wire	Signal Name [Specification]
					1	B	GROUND
					2	G	ECM
					3	SB	ILL+
					4	BG	ILL- [Coupe models]
							ILL- [Roadster models]
Connector No. M257	Connector Name INSIDE KEY ANTENNA (CONSOLE)	Connector Type PK02FGY			Terminal No.	Color of Wire	Signal Name [Specification]
					1	P	- [Coupe models]
					1	G	- [Roadster models]
					2	L	- [Coupe models]
					2	R	- [Roadster models]
Connector No. M258	Connector Name AUXILIARY INPUT JACKS	Connector Type AB5FW			Terminal No.	Color of Wire	Signal Name [Specification]
					1	R	AUX SOUND SIGNAL RH (+)
					2	B	AUX SOUND SIGNAL GND
					3	W	AUX SOUND SIGNAL LH (+)
					7	G	AUX IMAGE SIGNAL
					8	R	AUX IMAGE GND
Connector No. M260	Connector Name WIRE TO WIRE	Connector Type TH0MW			Terminal No.	Color of Wire	Signal Name [Specification]
					14	BR	-
					15	BR	-
					16	W	-
					17	G	-
Connector No. M261	Connector Name ROOF STRIKER SENSOR RH	Connector Type TH0MW			Terminal No.	Color of Wire	Signal Name [Specification]
					1	BR	-
					3	G	-
Connector No. M262	Connector Name ROOF STRIKER SENSOR LH	Connector Type TH0MW			Terminal No.	Color of Wire	Signal Name [Specification]
					1	BR	-
					3	G	-
Connector No. M300	Connector Name DRIVER AIR BAG MODULE	Connector Type ACA02FOR			Terminal No.	Color of Wire	Signal Name [Specification]
					2	BR	-
					4	W	-
Connector No. M301	Connector Name DRIVER AIR BAG MODULE	Connector Type ACA02FOR			Terminal No.	Color of Wire	Signal Name [Specification]
					13	-	-
					14	-	-
					15	-	-
					16	-	-
					17	-	-
					18	-	-
					19	-	-
					20	-	-
Connector No. M302	Connector Name DRIVER AIR BAG MODULE	Connector Type ACA02FY-2V			Terminal No.	Color of Wire	Signal Name [Specification]
					10	-	-
					11	-	-
Connector No. M303	Connector Name COMBINATION SWITCH (SERIAL CABLE)	Connector Type TK06FY			Terminal No.	Color of Wire	Signal Name [Specification]
					13	-	-
					14	-	-
					15	-	-
					16	-	-
					17	-	-
					18	-	-
					19	-	-
					20	-	-
Terminal No.	Color of Wire	Signal Name [Specification]					
9	-	-					
12	-	-					

JRMWD3374GB

# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### MAIN HARNESS

Connector No.	M451
Connector Name	SHIFT LOCK UNIT
Connector Type	-



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

Connector No.	M401
Connector Name	AUDIO UNIT
Connector Type	GT13SH-2/1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
43	-	ANTENNA AMP. ON SIGNAL
44	-	ANTENNA SIGNAL

Connector No.	M405
Connector Name	WIRE TO WIRE
Connector Type	GT13SC-1/1S-HU



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

Connector No.	M406
Connector Name	WIRE TO WIRE
Connector Type	GT13SC-2/1S-HU



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

Connector No.	M407
Connector Name	WIRE TO WIRE
Connector Type	GT16C-1S-HU/A



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

Connector No.	M408
Connector Name	WIRE TO WIRE
Connector Type	GT13SC-1/1S-HU



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

2	-	-
---	---	---



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

Connector No.	M450
Connector Name	AV CONTROL UNIT
Connector Type	GT13SH-2/1S-HU



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

Connector No.	M451
Connector Name	AV CONTROL UNIT
Connector Type	GT5-1S-HU



Terminal No.	Color of Wire	Signal Name [Specification]
153	-	GPS ANTENNA SIGNAL
154	-	SHIELD

Connector No.	M452
Connector Name	AV CONTROL UNIT
Connector Type	GT17HN2-4DS-HU



Terminal No.	Color of Wire	Signal Name [Specification]
157	-	RGB DIGITAL IMAGE SIGNAL (-)
158	-	RGB DIGITAL IMAGE SIGNAL (+)

Connector No.	M453
Connector Name	AV CONTROL UNIT
Connector Type	FAKRA JACK



Terminal No.	Color of Wire	Signal Name [Specification]
159	-	SATELLITE ANTENNA SIGNAL
160	-	SHIELD

JRMWD3375GB

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# CONNECTOR INFORMATION

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

MAIN HARNESS	
Connector No.	M64
Connector Name	FRONT DISPLAY UNIT
Connector Type	3T17HNZ-4DS-HU

26	25
28	27

Terminal No.	Color of Wire	Signal Name [Specification]
27	-	RGB DIGITAL IMAGE SIGNAL (-)
28	-	RGB DIGITAL IMAGE SIGNAL (+)

JRMWD3376GB

# CONNECTOR INFORMATION

## [POWER SUPPLY&GROUND CIRCUIT]

< DTC/CIRCUIT DIAGNOSIS >

### R Room Lamp Harness

INFOID:000000008193308

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#### ROOM LAMP HARNESS

Connector No.	R1
Connector Name	WIRE TO WIRE
Connector Type	TH10FW-NH



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

Connector No.	R2
Connector Name	VANITY MIRROR LAMP LH
Connector Type	MCA02FW



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

Connector No.	R3
Connector Name	VANITY MIRROR LAMP RH
Connector Type	MCA02FW



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

Connector No.	R4
Connector Name	MAP LAMP
Connector Type	TK06FCY



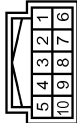
Terminal No.	Color of Wire	Signal Name [Specification]
1	R	-
2	V	-
3	B	-
4	SB	-
5	Y	-
6	GR	-

Connector No.	R5
Connector Name	MICROPHONE
Connector Type	TK06FW



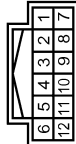
Terminal No.	Color of Wire	Signal Name [Specification]
1	P	MICROPHONE SIGNAL
2	SHIELD	SHIELD
4	L	MICROPHONE VCC

Connector No.	R6
Connector Name	AUTO ANTI-DAZZLING INSIDE MIRROR
Connector Type	TH10FB-NH



Terminal No.	Color of Wire	Signal Name [Specification]
6	B/R	-
8	B/W	-
10	B/Y	-

Connector No.	R11
Connector Name	WIRE TO WIRE
Connector Type	TH12FW-NH



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

# HARNESS CONNECTOR

< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## HARNESS CONNECTOR

### Description

INFOID:000000008193309

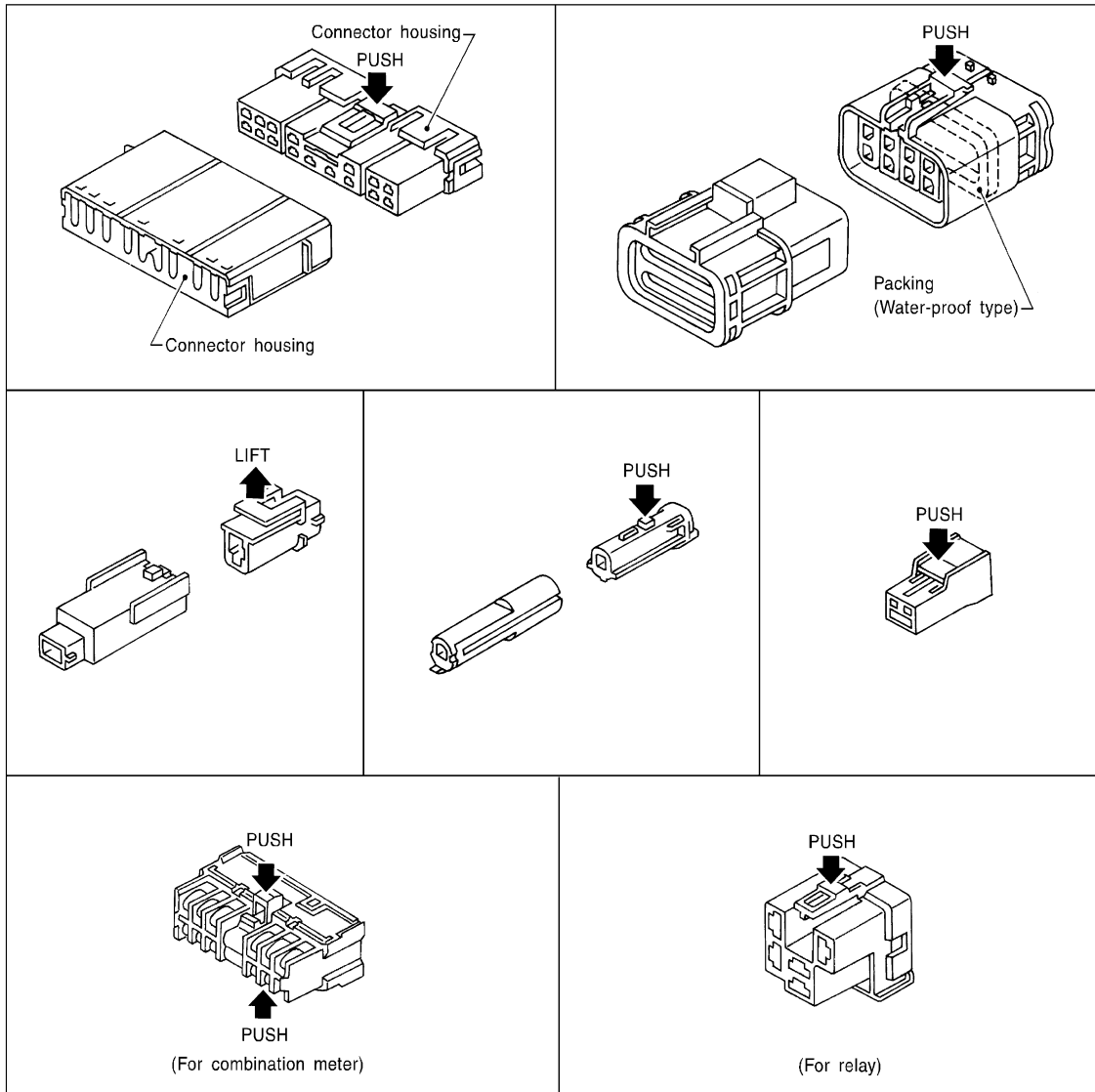
#### HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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

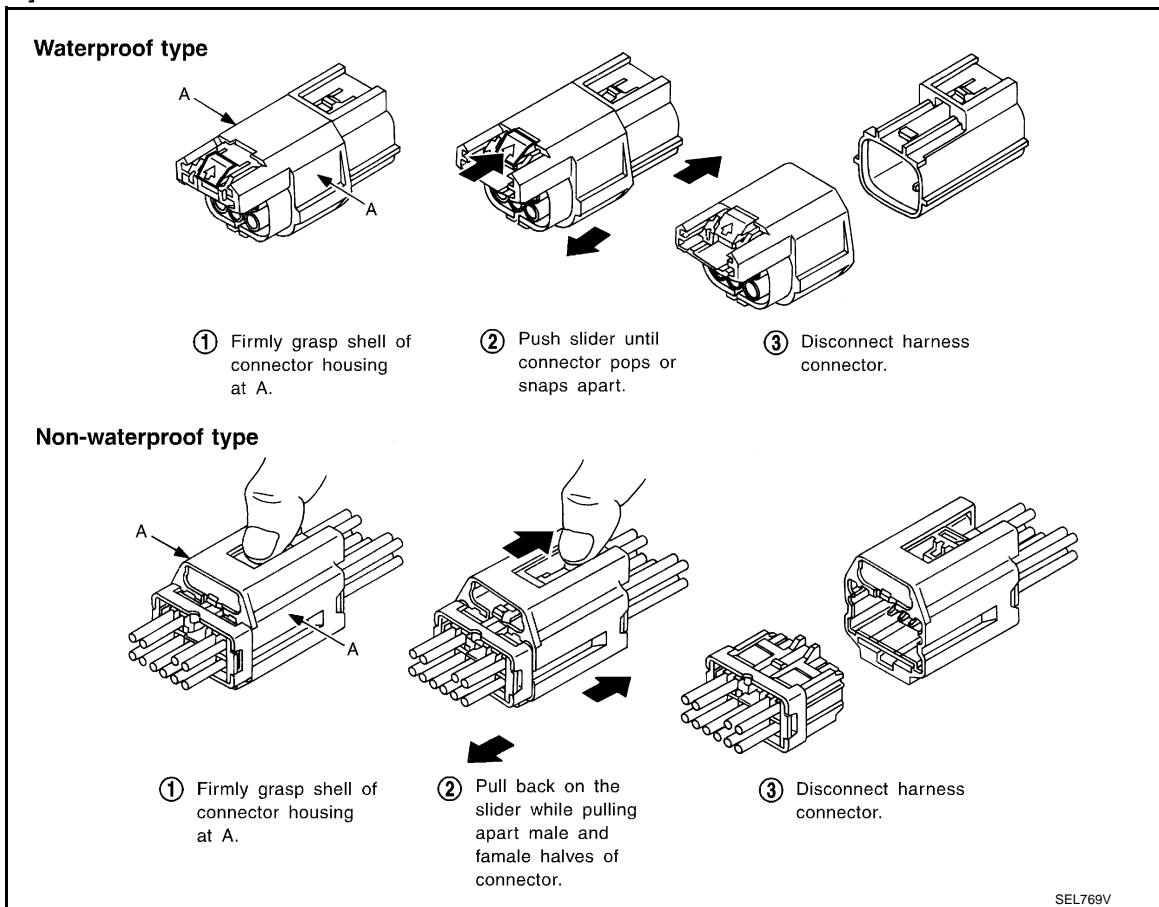
< DTC/CIRCUIT DIAGNOSIS >

[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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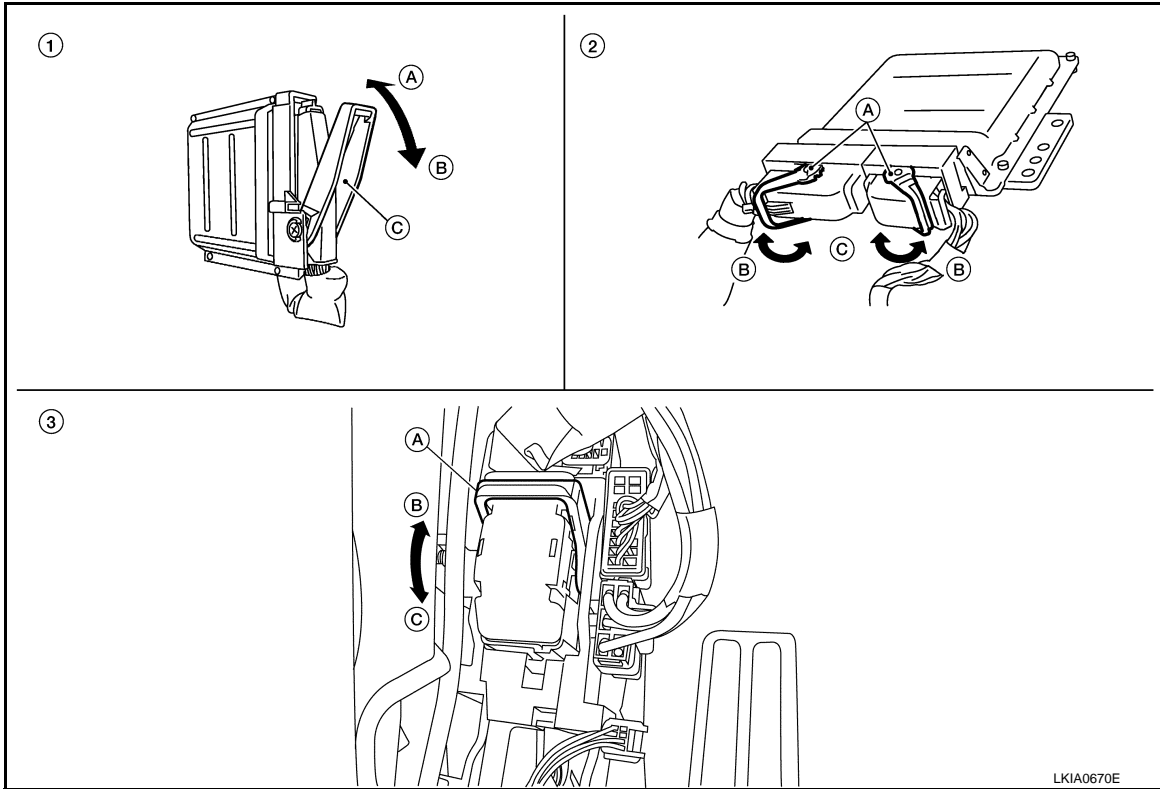
PG

# 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]

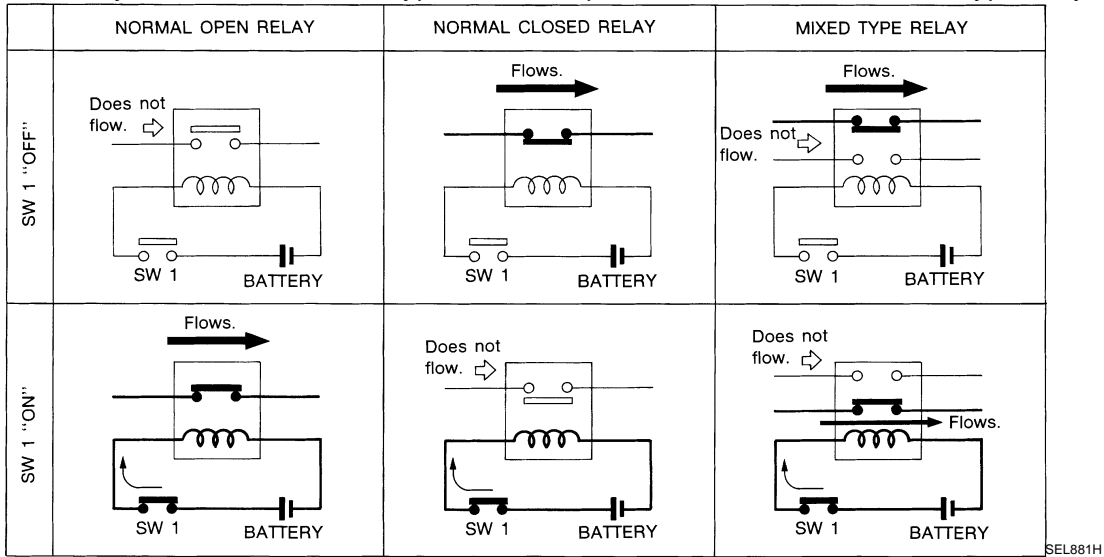
## STANDARDIZED RELAY

### Description

INFOID:000000008193310

### NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



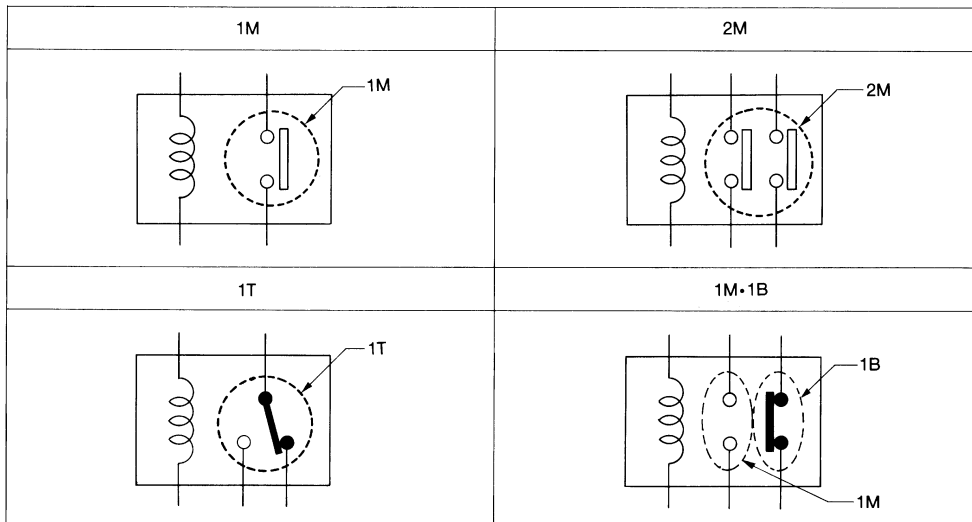
### TYPE OF STANDARDIZED RELAYS

1M ..... 1 Make

2M ..... 2 Make

1T ..... 1 Transfer

1M-1B ..... 1 Make 1 Break

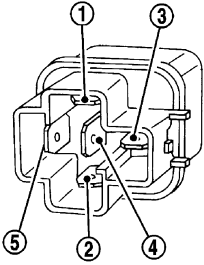
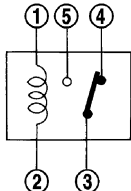
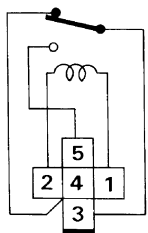
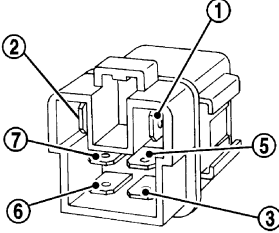
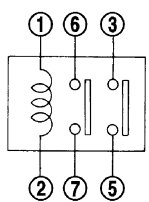
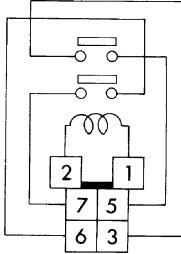
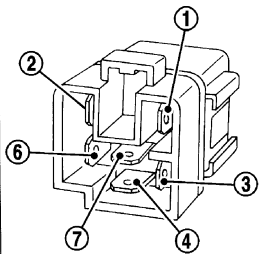
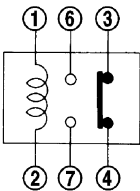
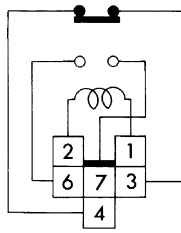
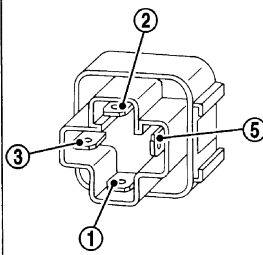
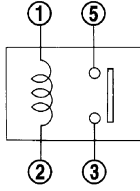
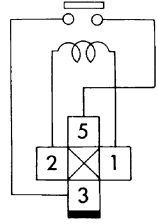
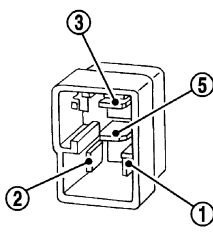
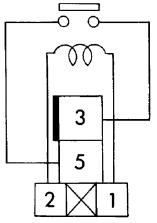


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# STANDARDIZED RELAY

< 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)

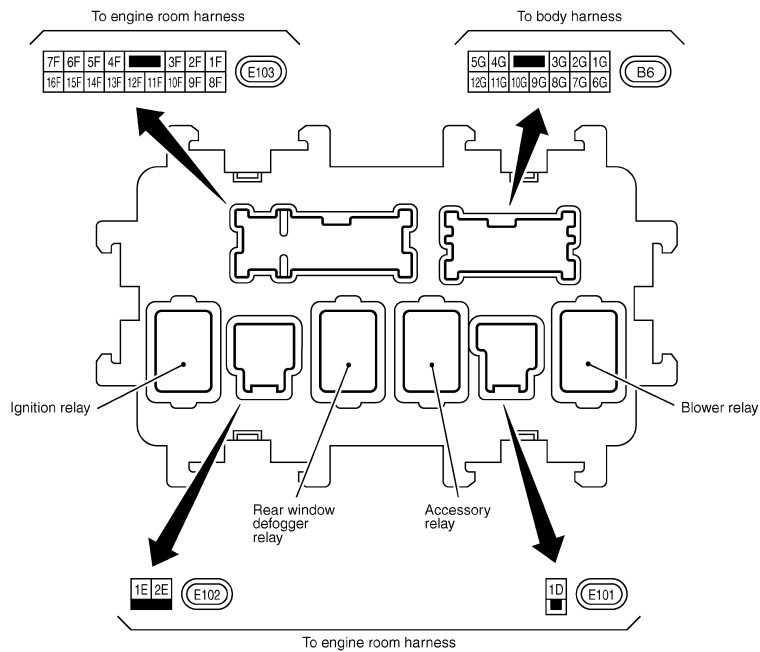
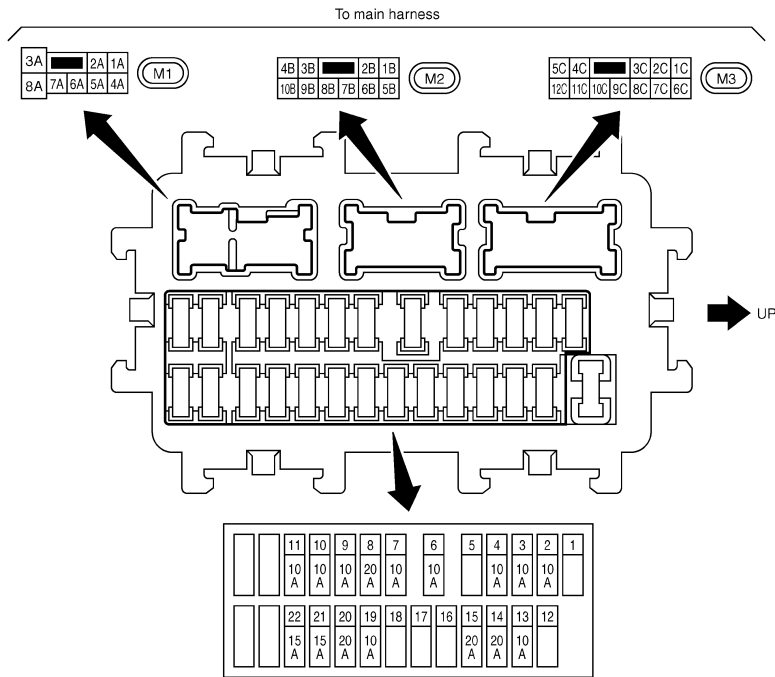
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

### Fuse, Connector and Terminal Arrangement

INFOID:000000008193311



2011/07/19

JRMWC4677GB

# FUSE, FUSIBLE LINK AND RELAY BOX

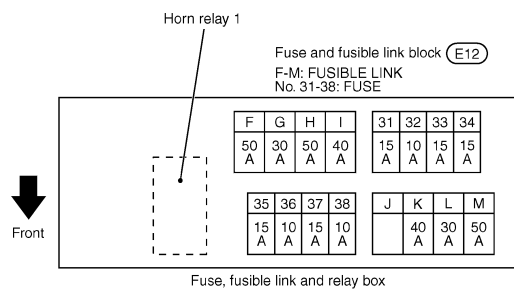
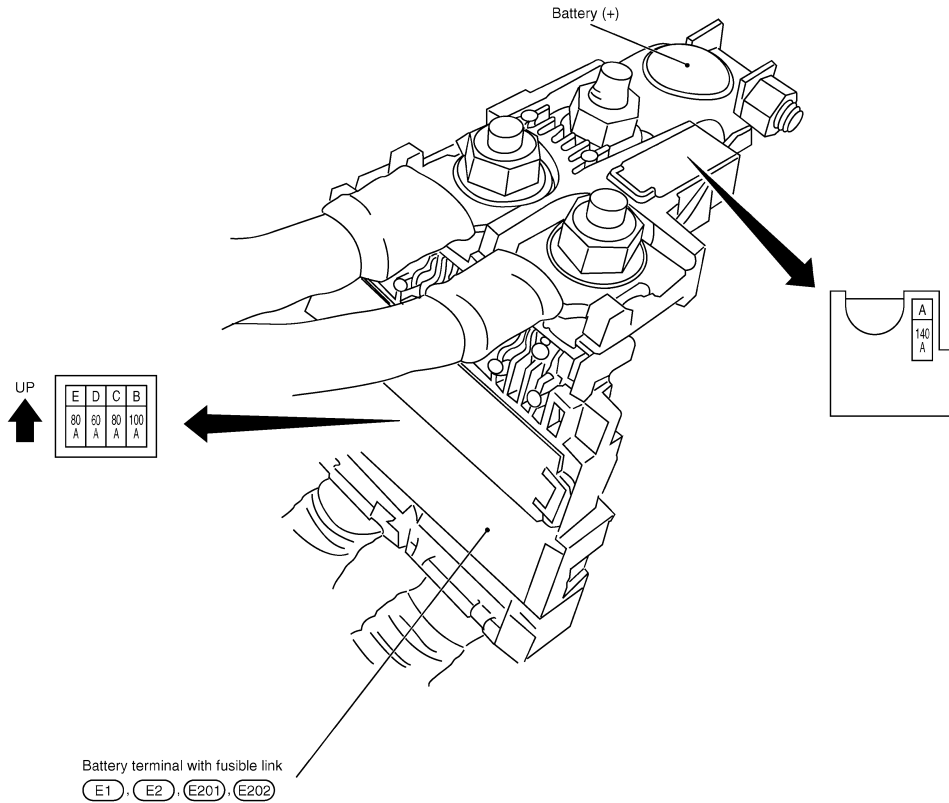
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

## FUSE, FUSIBLE LINK AND RELAY BOX

### Fuse and Fusible Link Arrangement

INFOID:000000008193312



2011/07/19

JRMWC4678GB

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

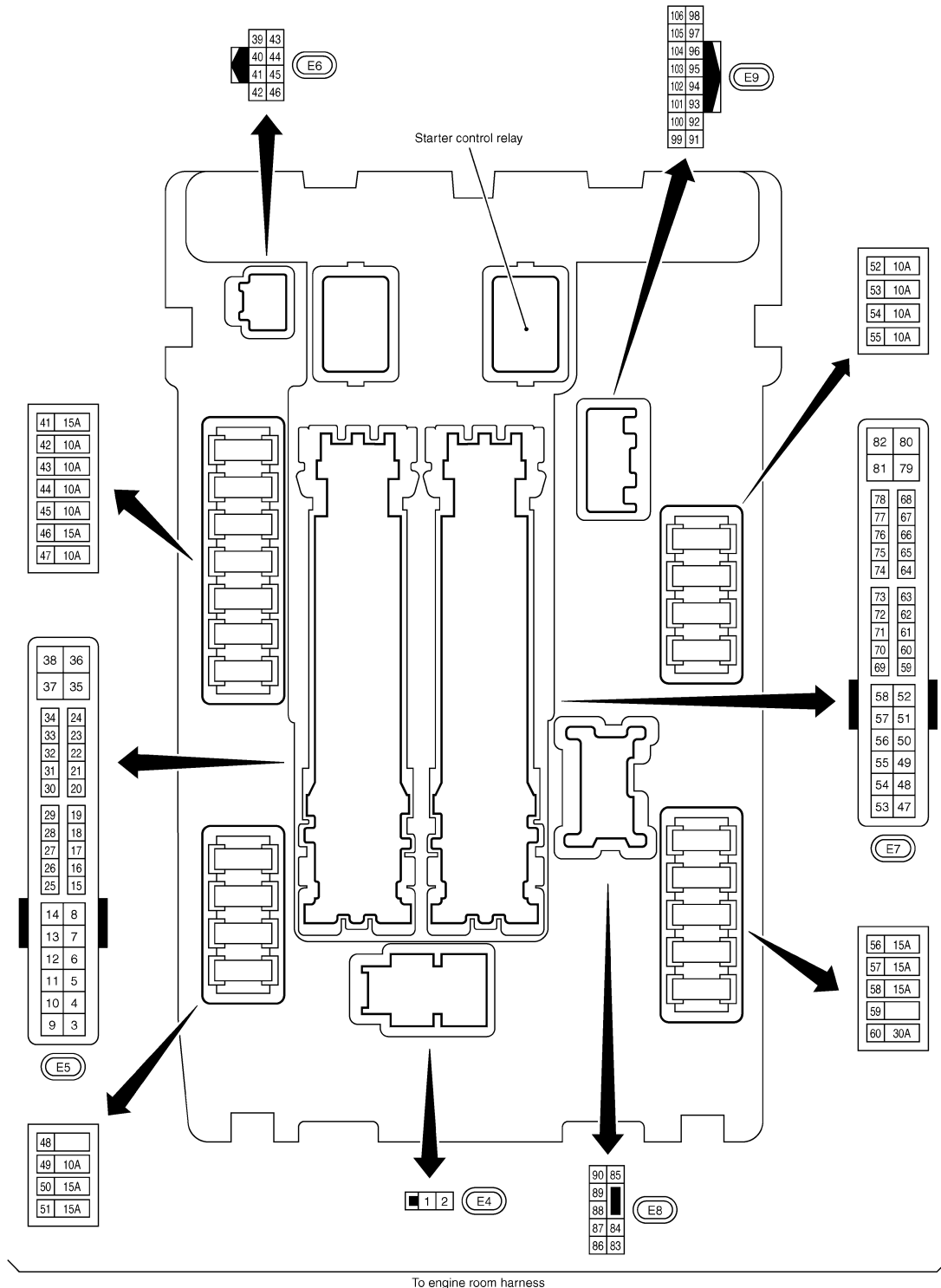
< DTC/CIRCUIT DIAGNOSIS >

[POWER SUPPLY&GROUND CIRCUIT]

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

### Fuse, Connector and Terminal Arrangement

INFOID:000000008193313



2012/04/18

JRMWD0800GB

# PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY&GROUND CIRCUIT]

## PRECAUTION

### PRECAUTIONS

#### EXCEPT FOR MEXICO

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

INFOID:000000008670819

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.

EXCEPT FOR MEXICO : Precaution for Battery Service

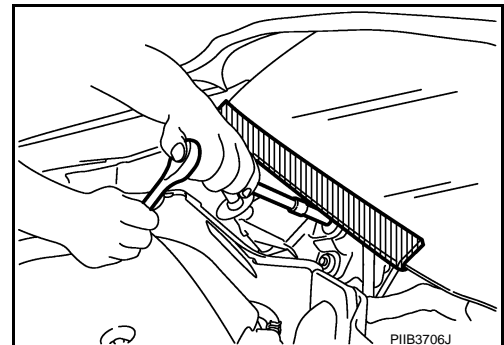
INFOID:000000008670820

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

EXCEPT FOR MEXICO : Precaution for Procedure without Cowl Top Cover

INFOID:000000008670823

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



FOR MEXICO

# PRECAUTIONS

< PRECAUTION >

[POWER SUPPLY&GROUND CIRCUIT]

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

INFOID:000000008670821

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. 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.

## FOR MEXICO : Precaution for Battery Service

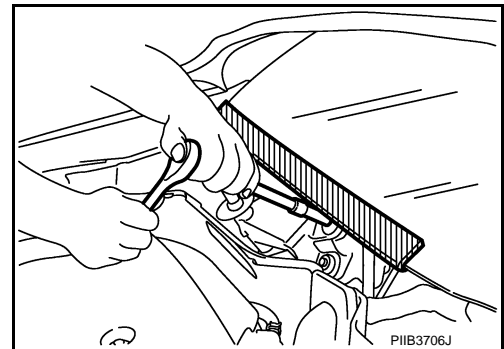
INFOID:000000008670822

Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

## FOR MEXICO : Precaution for Procedure without Cowl Top Cover

INFOID:000000008193316

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



# PREPARATION

[POWER SUPPLY&GROUND CIRCUIT]

< PREPARATION >

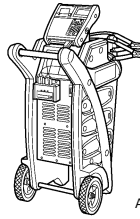
## PREPARATION

### PREPARATION

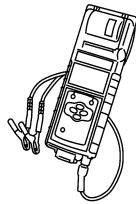
#### Special Service Tools

INFOID:000000008193320

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.



AW1IA1239ZZ



JSMA0806ZZ



# BATTERY

< REMOVAL AND INSTALLATION >

[POWER SUPPLY&GROUND CIRCUIT]

## REMOVAL AND INSTALLATION

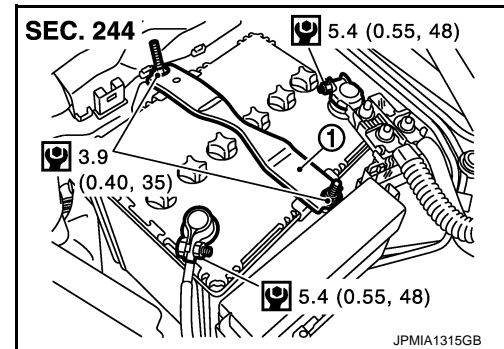
### BATTERY

#### Exploded View

INFOID:000000008193321

1 : Battery fix frame

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



#### Removal and Installation

INFOID:000000008193322

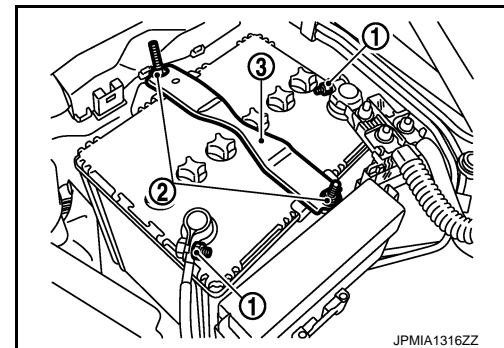
##### REMOVAL

1. Remove battery cover.
2. Remove cowl top cover RH. Refer to [EXT-22, "Exploded View"](#).
3. Remove cover of battery positive terminal.
4. 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.**

5. Remove battery fix frame mounting nuts (2) and battery fix frame (3).
6. 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-56, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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# BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

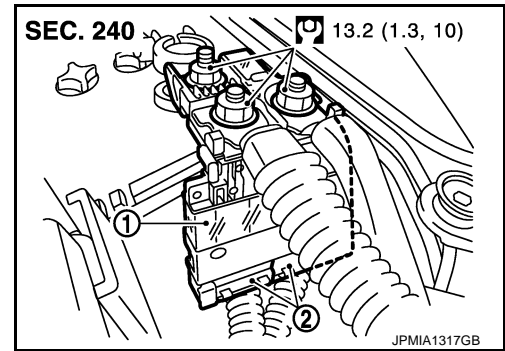
[POWER SUPPLY&GROUND CIRCUIT]

## BATTERY TERMINAL WITH FUSIBLE LINK

### Exploded View

INFOID:000000008193323

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

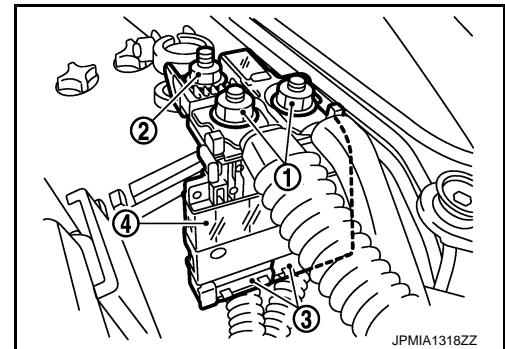


### Removal and Installation

INFOID:000000008193324

#### REMOVAL

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



#### INSTALLATION

Install in the reverse order of removal.

# 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:000000008193325

Type		80D23L
20 hour rate capacity	[V - Ah]	12 - 62
Cold cranking current (For reference value)	[A]	582

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