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G  
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CONTENTS

<b>DTC/CIRCUIT DIAGNOSIS</b> .....	2	<b>FOR MEXICO</b> .....	5
<b>HORN</b> .....	2	FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" .....	5
Wiring Diagram - HORN - .....	2	FOR MEXICO : Precautions for Removing Battery Terminal .....	6
<b>PRECAUTION</b> .....	5	<b>REMOVAL AND INSTALLATION</b> .....	7
<b>PRECAUTIONS</b> .....	5	<b>HORN</b> .....	7
<b>EXCEPT FOR MEXICO</b> .....	5	Exploded View .....	7
EXCEPT FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" .....	5	Removal and Installation .....	7
EXCEPT FOR MEXICO : Precautions for Removing Battery Terminal .....	5		

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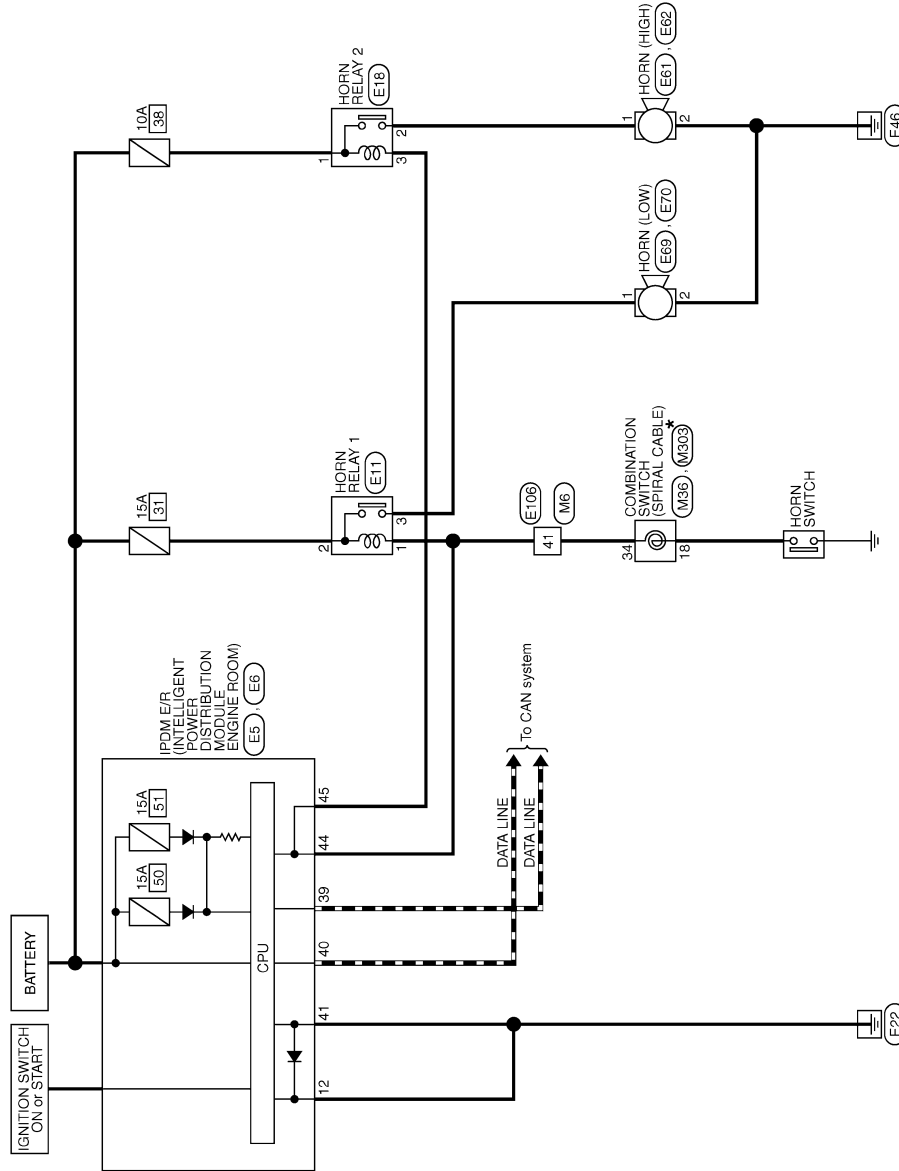
< DTC/CIRCUIT DIAGNOSIS >

## DTC/CIRCUIT DIAGNOSIS

### HORN

#### Wiring Diagram - HORN -

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




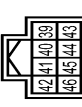

















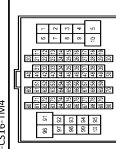




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# HORN

## < DTC/CIRCUIT DIAGNOSIS >

Terminal No.	Color Of Wire	Signal Name (Specification)
45	G	-
46	V	-
<b>HRN</b> Connector No. E5 Connector Name POWER/INTELLIGENT POWER DISTRIBUTION MODULE ENGINE (ECM) Connector Type TH08FW-C312-MA2-1V 		
		
Terminal No.	Color Of Wire	Signal Name (Specification)
4	V	-
5	L	-
7	R	-
7	V	- [Coupe models]
12	B/W	- [Roadster models]
13	Y	-
16	GS	-
19	W	-
21	W	-
27	Y	-
28	L	-
30	GR	-
316	G	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E5	-	-
Connector No. E5 Connector Name POWER/INTELLIGENT POWER DISTRIBUTION MODULE ENGINE Connector Type TH08FW-NH 		
		
Terminal No.	Color Of Wire	Signal Name (Specification)
39	P	-
40	L	-
41	B/W	-
42	Y	-
43	SB	-
44	W	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E11	-	-
Connector No. E11 Connector Name HORN RELAY 1 Connector Type 24381_7990A 		
		
Terminal No.	Color Of Wire	Signal Name (Specification)
1	EG	-
2	SB	-
3	G	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E18	-	-
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	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E61	-	-
Connector No. E61 Connector Name HORN (HIGH) Connector Type P01FB-BR-A 		
		
Terminal No.	Color Of Wire	Signal Name (Specification)
1	Y	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E62	-	-
Connector No. E62 Connector Name HORN (HIGH) Connector Type P01FB-A 		
		
Terminal No.	Color Of Wire	Signal Name (Specification)
2	B	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E70	-	-
Connector No. E70 Connector Name HORN (LOW) Connector Type P01FB-A 		
		
Terminal No.	Color Of Wire	Signal Name (Specification)
1	G	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E106	-	-
Connector No. E106 Connector Name WIRE TO WIRE Connector Type T108PW-C316-TMA4 		
		
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	-
		
Terminal No.	Color Of Wire	Signal Name (Specification)
E59	-	-
Connector No. E59 Connector Name HORN (LOW) Connector Type P01FB-BR-A 		
		

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## < DTC/CIRCUIT DIAGNOSIS >

Terminal No.	Color Of Wire	Signal Name [Specification]
20	LG	-
21	BR	-
21	G	- [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]
44	R	-
45	BG	-
46	W	-
47	P	-
58	SHIELD	-
59	B	-
60	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	-
98	GR	-
99	LG	-
100	BG	-


Connector No.	M66	WIRE TO WIRE
Connector Name	TH80MM-531E-TM4	
Connector Type	TH80MM-531E-TM4	

Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
3	L	-
4	L	-
7	B	-
8	P	-
9	B	-
11	GR	-
13	R	-
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] - [With M/T]
44	R	- [With M/T]
45	O	-
46	G	-
47	BR	-
58	SHIELD	-
59	L	-
70	R	-
80	LG	-
81	GR	-
82	V	-

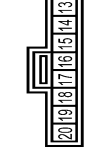
Connector No.	M65	COMBINATION SWITCH (SPIRAL CABLE)
Connector Name	TH08FG1-1V	
Connector Type	TH08FG1-1V	

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

Connector No.	M303	COMBINATION SWITCH (SPIRAL CABLE)
Connector Name	TH08FG1	
Connector Type	TH08FG1	

Terminal No.	Color Of Wire	Signal Name [Specification]
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-

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# PRECAUTIONS

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## PRECAUTION

### PRECAUTIONS

#### EXCEPT FOR MEXICO

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

INFOID:000000011737242

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 : Precautions for Removing Battery Terminal

INFOID:000000011737243

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

#### **NOTE:**

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

#### **NOTE:**

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

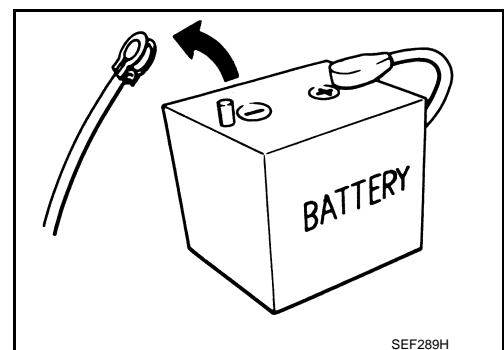
- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

#### **NOTE:**

The removal of 12V battery may cause a DTC detection error.

#### FOR MEXICO

#### FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and



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# PRECAUTIONS

## < PRECAUTION >

### "SEAT BELT PRE-TENSIONER"

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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 : Precautions for Removing Battery Terminal

INFOID:000000011737245

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

#### **NOTE:**

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

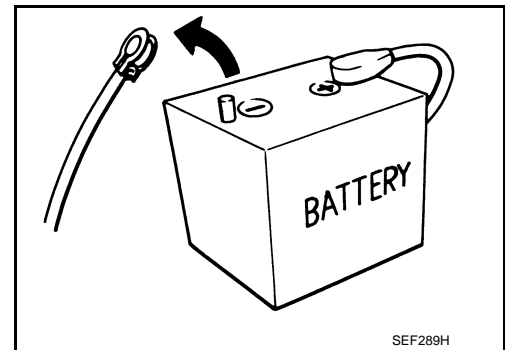
#### **NOTE:**

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

#### **NOTE:**

The removal of 12V battery may cause a DTC detection error.



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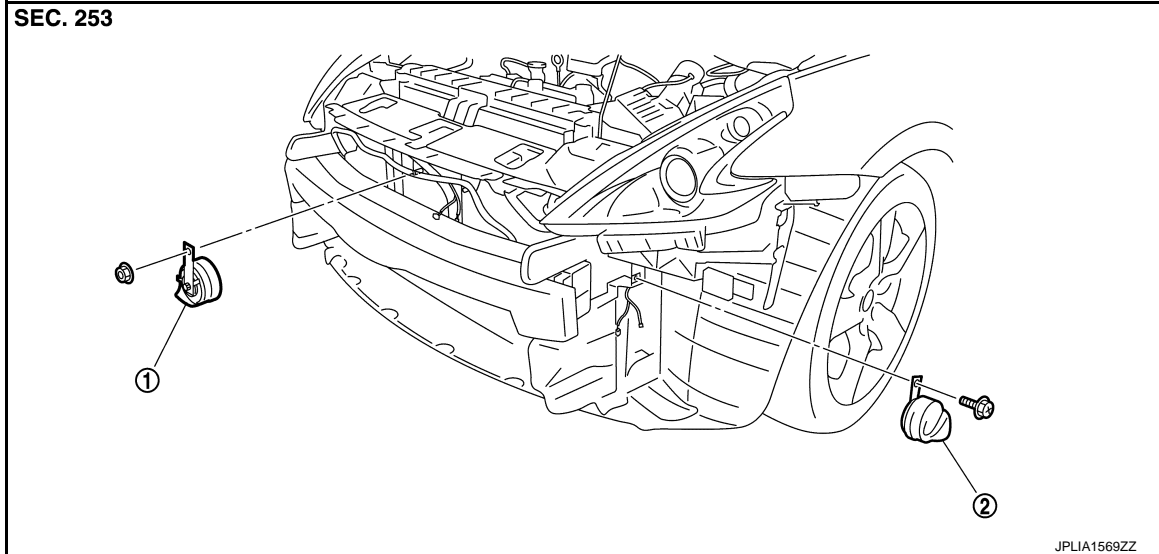
< REMOVAL AND INSTALLATION >

## REMOVAL AND INSTALLATION

### HORN

Exploded View

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1. Horn (LOW)

2. Horn (HIGH)

### Removal and Installation

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#### REMOVAL

Horn (LOW)

1. Remove the bumper center upper finisher. Refer to [EXT-16. "Removal and Installation"](#).
2. Disconnect the horn (LOW) connector.
3. Remove the horn mounting nut, and remove the horn (LOW) from the vehicle.

Horn (HIGH)

1. Remove the fender protector LH (front). Refer to [EXT-35. "FENDER PROTECTOR : Removal and Installation"](#).
2. Disconnect the horn (HIGH) connector.
3. Remove the horn mounting bolt, and remove the horn (HIGH) from the vehicle.

#### INSTALLATION

Install in the reverse order of removal.