

SECTION **HRN**  
HORN

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

CONTENTS

<b>PRECAUTION</b> .....	2	<b>REMOVAL AND INSTALLATION</b> .....	7
<b>PRECAUTIONS</b> .....	2	<b>HORN</b> .....	7
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TEN- SIONER" .....	2	<b>EXCEPT FOR MEXICO</b> .....	7
Precautions for Removing Battery Terminal .....	2	EXCEPT FOR MEXICO : Exploded View .....	7
<b>WIRING DIAGRAM</b> .....	3	EXCEPT FOR MEXICO : Removal and Installa- tion .....	7
<b>HORN</b> .....	3	<b>FOR MEXICO</b> .....	8
Wiring Diagram .....	3	FOR MEXICO : Exploded View .....	8
		FOR MEXICO : Removal and Installation .....	9

HRN

# PRECAUTIONS

< PRECAUTION >

## PRECAUTION

### PRECAUTIONS

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

INFOID:000000012790466

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, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, 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 or batteries, and wait at least 3 minutes before performing any service.

#### Precautions for Removing Battery Terminal

INFOID:000000012790467

- 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.

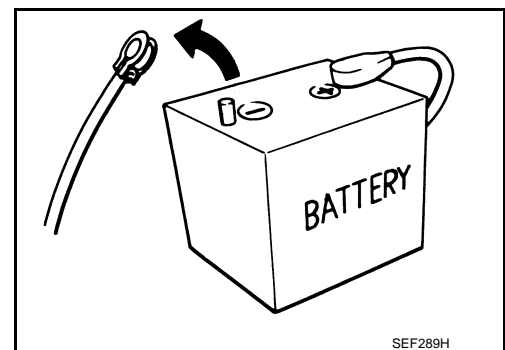
#### **NOTE:**

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.



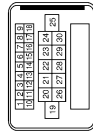


# HORN

## < WIRING DIAGRAM >

### HORN

Connector No.	E14
Connector Name	WIRE TO WIRE
Connector Type	SAA18MB-8510-S1Z2



Terminal No.	Color Of Wire	Signal Name [Specification]
4	Y	-
5	L	-
6	B	-
7	BG	-
8	LG	-
9	R	-
11	GR	-
12	R	-
13	B	-
14	G	-
15	G	-
16	V	-
17	B	-
18	B	-
21	B	-
22	SHIELD	-
23	P	-
24	L	-
25	V	-
26	B	-
28	B	-

Connector No.	E25
Connector Name	WIRE TO WIRE
Connector Type	THROFWM-CS16-TM4

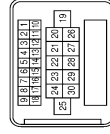


Terminal No.	Color Of Wire	Signal Name [Specification]
1	BG	-
6	V	-
7	L	-
8	BG	- [With VR30 engine]
8	BR	- [With 2.0L turbo gasoline engine]
9	B	- [With 2.0L turbo gasoline engine]
9	GR	- [With VR30 engine] [Color of wire differs depending on production]
9	LG	- [With VR30 engine] [Color of wire differs depending on production]
10	BR	-
11	L	-
12	GR	- [With VR30 engine]
12	P	- [With 2.0L turbo gasoline engine]
13	SHIELD	- [With 2.0L turbo gasoline engine]
13	W	- [With VR30 engine]
14	B	-
15	GR	- [With 2.0L turbo gasoline engine]
15	SB	- [With VR30 engine]
16	BR	- [With 2.0L turbo gasoline engine]
16	Y	- [With VR30 engine]
17	BR	- [With VR30 engine]
17	GR	- [With 2.0L turbo gasoline engine]
18	G	- [With 2.0L turbo gasoline engine]
18	P	- [With VR30 engine]
19	Y	-
21	W	- [With 2.0L turbo gasoline engine]
21	Y	- [With VR30 engine]
32	G	- [With 2.0L turbo gasoline engine]
32	GR	- [With VR30 engine]
33	L	- [With VR30 engine]
33	Y	- [With 2.0L turbo gasoline engine]
34	P	-
35	GR	-
36	R	-
37	V	- [With 2.0L turbo gasoline engine]
37	V	- [With VR30 engine]

38	L	- [With VR30 engine]
38	P	- [With 2.0L turbo gasoline engine and without gateway]
38	R	- [With 2.0L turbo gasoline engine and with gateway]
39	BR	- [With VR30 engine]
39	Y	- [With 2.0L turbo gasoline engine]
40	SB	-
41	LG	-
44	Y	-
45	L	- [With 2.0L turbo gasoline engine]
45	W	- [With VR30 engine]
46	B	- [With VR30 engine]
46	V	- [With 2.0L turbo gasoline engine]
47	G	-
48	SHIELD	-
49	R	-
50	BR	- [With VR30 engine]
50	GR	- [With 2.0L turbo gasoline engine]
51	L	-
52	W	-
53	Y	-
54	P	- [With VR30 engine]
54	W	- [With 2.0L turbo gasoline engine]
55	B	- [With 2.0L turbo gasoline engine]
55	W	- [With VR30 engine]
56	BG	- [With 2.0L turbo gasoline engine]
56	SB	- [With VR30 engine]
57	BG	- [With VR30 engine]
57	W	- [With 2.0L turbo gasoline engine]
58	B	- [Color of wire differs depending on production]
58	B/W	- [Color of wire differs depending on production]
59	W	-
61	R	-
64	Y	-
65	BR	- [Color of wire differs depending on production]
65	GR	- [Color of wire differs depending on production]
66	GR	-
67	LG	-
68	BG	-
69	V	-
70	R	-
71	G	- [With 2.0L turbo gasoline engine]
71	LG	- [With VR30 engine]
72	L	- [With 2.0L turbo gasoline engine]
72	V	- [With VR30 engine]
73	G	- [With VR30 engine]
73	W	- [With 2.0L turbo gasoline engine]
74	BR	- [With VR30 engine]
74	L	- [With 2.0L turbo gasoline engine]
75	P	- [With 2.0L turbo gasoline engine and without gateway]

75	R	- [With 2.0L turbo gasoline engine and with gateway]
75	V	- [With VR30 engine]
76	G	-
77	Y	-
78	LG	- [With 2.0L turbo gasoline engine and with ADAS]
78	P	- [With VR30 engine]
78	V	- [With 2.0L turbo gasoline engine and without ADAS]
79	SR	-
80	LG	-
81	R	-
82	V	-
83	BR	- [With 2.0L turbo gasoline engine]
83	R	- [With VR30 engine]
84	LG	-
86	BG	-
87	G	-
89	LG	-
90	GR	- [With VR30 engine]
90	GR	- [With 2.0L turbo gasoline engine]
91	G	-
93	BG	-
94	GR	-
94	L	- [With 2.0L turbo gasoline engine]
95	BG	- [With VR30 engine]
95	P	- [With 2.0L turbo gasoline engine and without gateway]
95	R	- [With 2.0L turbo gasoline engine and with gateway]
96	W	-
97	LG	-
98	L	-
99	LG	- [With 2.0L turbo gasoline engine]
99	P	- [With VR30 engine]
100	SHIELD	-

Connector No.	E76
Connector Name	WIRE TO WIRE
Connector Type	SAA18BF-8510-S1Z2



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# HORN

< WIRING DIAGRAM >

## HORN

Terminal No.	Color Of Wire	Signal Name [Specification]
4	Y	-
5	L	-
6	B	-
7	BR	-
8	LG	-
9	GR	-
11	LG	-
12	BG	-
13	B	-
14	R	-
15	G	-
16	V	-
17	B	-
18	P	-
21	B	-
22	SHIELD	-
23	P	-
24	L	-
25	V	-
26	B	-
28	B	-

Connector No.	E78
Connector Name	HORN LOW
Connector Type	P01FB-BR-A



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

Connector No.	E79
Connector Name	HORN LOW
Connector Type	P01FB-A



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

Connector No.	E85
Connector Name	HORN HIGH
Connector Type	P01FB-BR-A



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

Connector No.	E86
Connector Name	HORN HIGH
Connector Type	P01FB-A



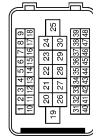
Terminal No.	Color Of Wire	Signal Name [Specification]
2	B	-

Connector No.	E102
Connector Name	HORN RELAY
Connector Type	24384-4G40A



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

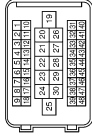
Connector No.	E170
Connector Name	WIRE TO WIRE
Connector Type	SAA36MB-RS10-SJ22



Terminal No.	Color Of Wire	Signal Name [Specification]
10	V	-
11	GR	-
19	V	-
20	SB	-
22	B	-
34	B	-
36	L	-
27	P	-
28	SHIELD	-
29	B	-
30	B	-
31	P	-
32	B	-
33	V	-
34	G	-
35	R	-
36	B	-
37	BG	-

32	B	-
33	V	-
34	GR	-
35	P	-
36	B	-
37	R	-
38	V	-
39	Y	-
40	P	-
41	L	-
42	W	-
43	B	-
44	L	-
45	Y	-
47	BG	-
48	GR	-

Connector No.	E171
Connector Name	WIRE TO WIRE
Connector Type	SAA36FB-RS10-SJ22



Terminal No.	Color Of Wire	Signal Name [Specification]
10	V	-
11	GR	-
19	V	-
20	SB	-
22	B	-
34	B	-
36	L	-
27	P	-
28	SHIELD	-
29	B	-
30	B	-
31	P	-
32	B	-
33	V	-
34	G	-
35	R	-
36	B	-
37	BG	-

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# HORN

## < WIRING DIAGRAM >

### HORN

38	LG	-	-
39	Y	-	-
40	P	-	-
41	L	-	-
42	W	-	-
43	B	-	-
44	L	-	-
45	Y	-	-
47	BG	-	-
48	GR	-	-

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	1F80M/W-SS16-TM4



Terminal No.	Color Of Wire	Signal Name (Specification)
1	BG	-
6	W/B	-
7	V	-
8	BG	- [With VR30 engine]
8	BR	- [With 2.0L turbo gasoline engine]
9	LG	- [With VR30 engine]
9	P	- [With 2.0L turbo gasoline engine]
10	W	-
11	Y	- [With VR30 engine]
12	B	- [With 2.0L turbo gasoline engine]
12	BR	- [With VR30 engine]
12	GR	- [With 2.0L turbo gasoline engine]
13	GR	- [With VR30 engine]
13	SHIELD	- [With 2.0L turbo gasoline engine]
14	B	-
15	BG	- [With 2.0L turbo gasoline engine]
15	S8	- [With VR30 engine]
16	BR	- [With VR30 engine]
17	LG	-
18	B	- [With VR30 engine]
18	W/B	- [With 2.0L turbo gasoline engine]
19	Y	-
31	W	-

32	G	-	- [With 2.0L turbo gasoline engine]
32	V	-	- [With VR30 engine]
33	L	-	- [With VR30 engine]
33	Y	-	- [With 2.0L turbo gasoline engine]
34	P	-	-
35	BG	-	-
36	G	-	-
37	L	-	- [With VR30 engine]
37	B	-	- [With 2.0L turbo gasoline engine]
38	P	-	- [With VR30 engine]
38	R	-	- [With 2.0L turbo gasoline engine and without gateway]
38	R	-	- [With 2.0L turbo gasoline engine and with gateway]
39	Y	-	- [With VR30 engine]
40	GR	-	- [With VR30 engine]
41	L	-	-
44	BR	-	-
45	L	-	- [With 2.0L turbo gasoline engine]
45	W	-	- [With VR30 engine]
46	G	-	- [With VR30 engine]
46	Y	-	- [With 2.0L turbo gasoline engine]
47	BG	-	- [With 2.0L turbo gasoline engine]
47	R	-	- [With VR30 engine]
48	SHIELD	-	-
49	B	-	- [With VR30 engine]
49	G	-	- [With 2.0L turbo gasoline engine]
50	B	-	- [With 2.0L turbo gasoline engine]
50	BR	-	- [With VR30 engine]
51	L	-	-
52	W	-	-
53	G	-	-
54	S8	-	- [With 2.0L turbo gasoline engine]
54	Y	-	- [With VR30 engine]
55	B	-	- [With 2.0L turbo gasoline engine]
55	P	-	- [With VR30 engine]
56	BG	-	- [With VR30 engine]
56	GR	-	- [With 2.0L turbo gasoline engine]
57	GR	-	- [With VR30 engine]
57	P	-	- [With 2.0L turbo gasoline engine]
58	B	-	-
59	S8	-	-
61	W/B	-	-
64	Y	-	-
65	R	-	-
66	P	-	- [Color of wire differs depending on production]
67	LG	-	- [Color of wire differs depending on production]
68	BG	-	-
69	L	-	-
70	R	-	-

71	V	-	- [With VR30 engine]
71	W	-	- [With 2.0L turbo gasoline engine]
72	L	-	- [With 2.0L turbo gasoline engine]
72	LG	-	- [With VR30 engine]
73	R	-	- [With 2.0L turbo gasoline engine]
73	W	-	- [With VR30 engine]
74	BR	-	- [With VR30 engine]
74	L	-	- [With 2.0L turbo gasoline engine]
75	B	-	- [With VR30 engine]
75	P	-	- [With 2.0L turbo gasoline engine and without gateway]
75	P	-	- [With 2.0L turbo gasoline engine and with gateway]
76	R	-	-
76	W/B	-	-
77	S8	-	-
78	G	-	- [With VR30 engine]
78	LG	-	- [With 2.0L turbo gasoline engine]
79	R	-	-
80	G	-	-
81	R	-	-
82	LG	-	-
83	BR	-	- [With 2.0L turbo gasoline engine]
83	R	-	- [With VR30 engine]
84	V	-	-
86	V	-	-
87	G	-	-
89	V	-	-
90	G	-	- [With VR30 engine]
90	V	-	- [With 2.0L turbo gasoline engine]
91	W	-	-
92	G	-	-
93	BR	-	-
94	GR	-	- [With VR30 engine]
94	L	-	- [With 2.0L turbo gasoline engine]
95	BR	-	- [With VR30 engine]
95	P	-	- [With 2.0L turbo gasoline engine and without gateway]
95	R	-	- [With 2.0L turbo gasoline engine and with gateway]
96	W	-	-
97	LG	-	-
98	V	-	-
99	BR	-	- [With VR30 engine]
99	LG	-	- [With 2.0L turbo gasoline engine]
100	SHIELD	-	-

Connector No.	M86
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK06FP-EK-1V



Terminal No.	Color Of Wire	Signal Name (Specification)
23	R	-
26	B	-
28	Y/R	-
29	Y	-
30	Y/B	-
34	LG	-

Connector No.	M301
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY



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

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# HORN

< REMOVAL AND INSTALLATION >

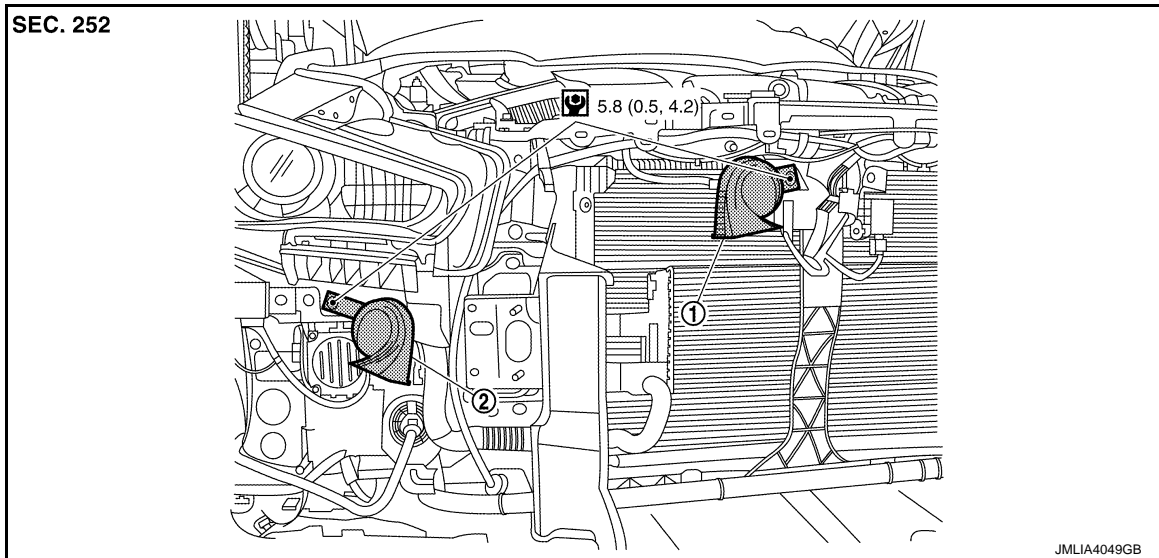
## REMOVAL AND INSTALLATION

### HORN

EXCEPT FOR MEXICO


EXCEPT FOR MEXICO : Exploded View

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① Horn (high)

② Horn (low)

 : N·m (kg·m, ft·lb)


EXCEPT FOR MEXICO : Removal and Installation

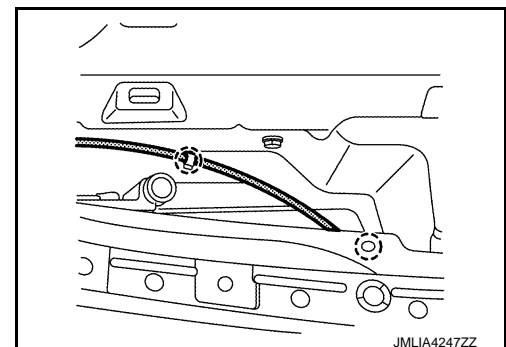
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### REMOVAL

Horn High

1. Remove the air duct (inlet).
  - 2.0L turbo gasoline engine: Refer to [EM-25. "Removal and Installation"](#).
  - VR engine: Refer to [EM-165. "Removal and Installation"](#).
2. Disengage the hood lock control cable (front) fixing clips.

 : Clip



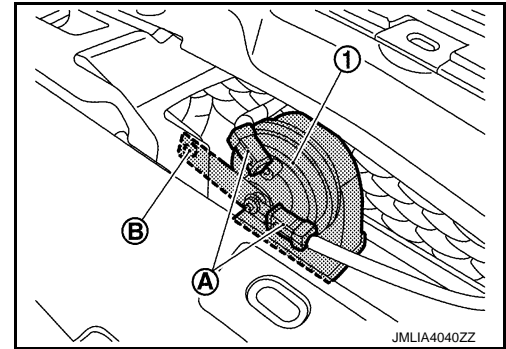
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# HORN

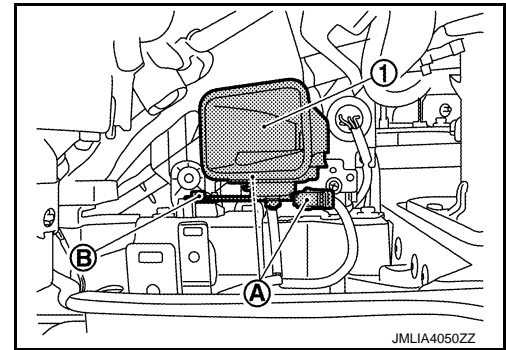
## < REMOVAL AND INSTALLATION >

3. Disconnect the horn (high) connectors (A).
4. Remove the horn (high) mounting bolt (B), and remove the horn (high) (1).



### Horn Low

1. Remove the front fender protector front. Refer to [EXT-30, "FENDER PROTECTOR : Removal and Installation"](#).
2. Disconnect the horn (low) connectors (A).
3. Remove the horn (low) mounting bolt (B), and remove the horn (low) (1).



## INSTALLATION

Install in the reverse order of removal.

### CAUTION:

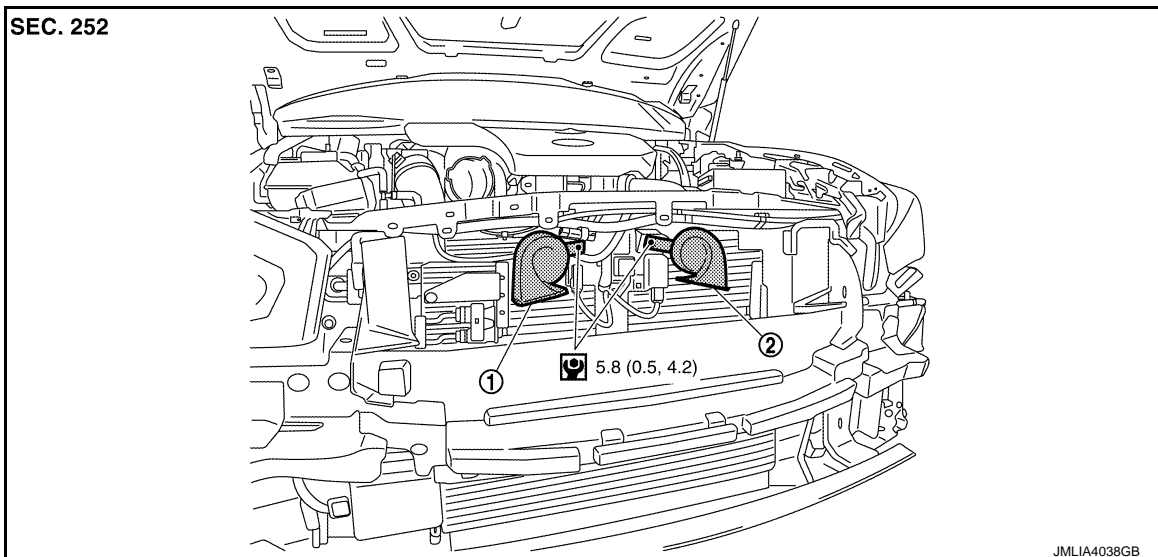
Be careful to connect power supply harness connector and ground harness connector normally.

Harness connector	Horn
Brown	Power supply (terminal with brown plastic base)
Black	Ground (terminal located on horn bracket)

## FOR MEXICO

### FOR MEXICO : Exploded View

INFOID:000000013833505






# HORN

## < REMOVAL AND INSTALLATION >

① Horn (high)

② Horn (low)

 : N·m (kg·m, ft·lb)


## FOR MEXICO : Removal and Installation

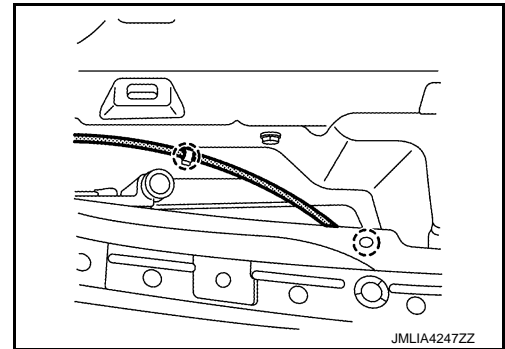
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### REMOVAL

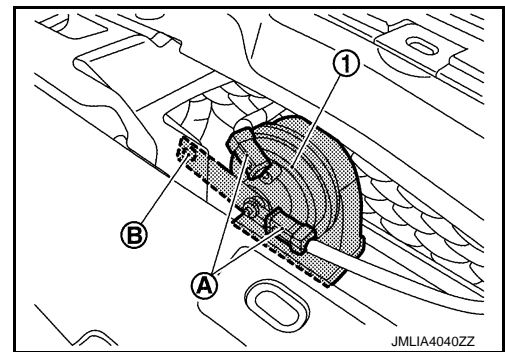
Horn High

1. Remove the air duct (inlet). Refer to [EM-165. "Removal and Installation"](#).
2. Disengage the hood lock control cable (front) fixing clips.

 : Clip

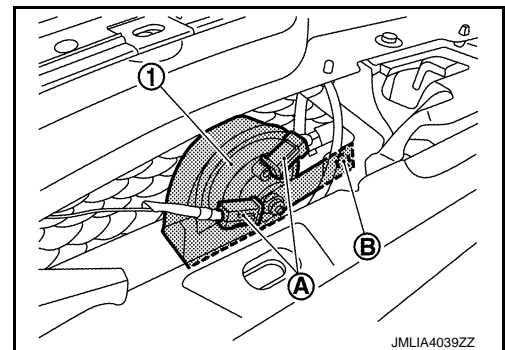


3. Disconnect the horn (high) connectors (A).
4. Remove the horn (high) mounting bolt (B), and remove the horn (high) (1).



Horn Low

1. Disconnect the horn (low) connectors (A).
2. Remove the horn (low) mounting bolt (B), and remove the horn (low) (1).



### INSTALLATION

Install in the reverse order of removal.

#### **CAUTION:**

**Be careful to connect power supply harness connector and ground harness connector normally.**

Harness connector	Horn
Brown	Power supply (terminal with brown plastic base)
Black	Ground (terminal located on horn bracket)