

SECTION

HRN

HORN

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C

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## HOW TO USE THIS MANUAL

< HOW TO USE THIS MANUAL >

## HOW TO USE THIS MANUAL

### HOW TO USE THIS MANUAL

#### Application Notice

INFOID:000000007091610

Check vehicle identification number to use the corresponding service information in this manual.

Service information	Vehicle identification number
TYPE A	Up to VIN: JN8AS1MU*BM710003 JN8AS1MW*BM730002 JN8BS1MW*BM760006
TYPE B	From VIN: JN8AS1MU*BM710004 JN8AS1MW*BM730003 JN8BS1MW*BM760007

\*: Refer to [GI-24, "Information About Identification or Model Code"](#) to vehicle identification number

# HORN

< DTC/CIRCUIT DIAGNOSIS >

## DTC/CIRCUIT DIAGNOSIS

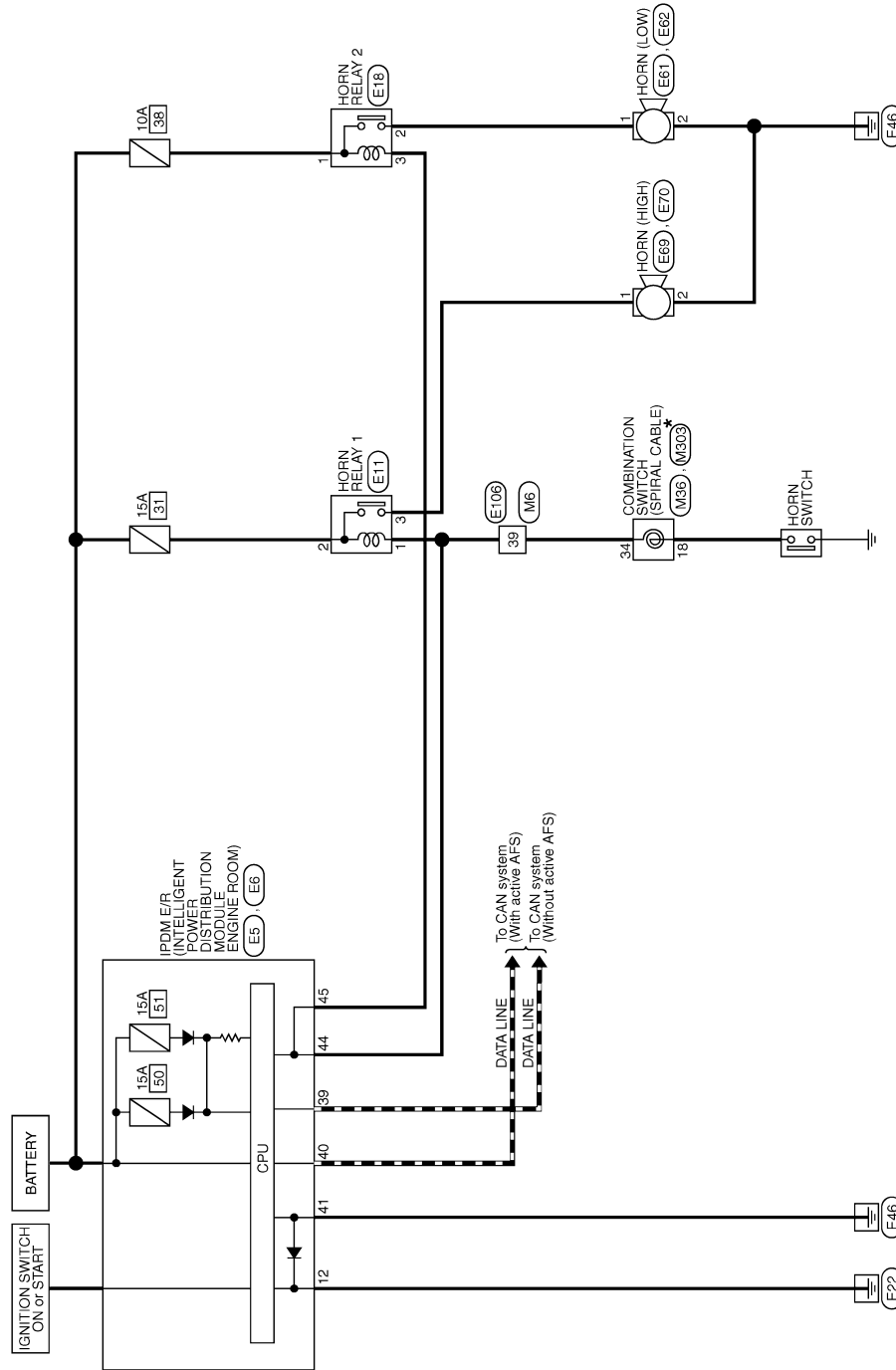
HORN

TYPE A

TYPE A : Wiring Diagram - HORN -

INFOID:000000006564799

HORN



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

2009/07/29

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# HORN

## < DTC/CIRCUIT DIAGNOSIS >

### HORN

Connector No.	E5
Connector Name	IPMA 6/16 INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-GS12-M4-IV



9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Terminal No.	Color of Wire	Signal Name [Specification]
4	V	-
5	L	-
7	R	-
10	SB	-
11	BR	-
12	B	-
13	Y	-
16	LG	-
19	W	-
25	G	-
26	R	-
27	Y	-
28	O	-
29	GR	-
30	GB	-
32	SB	-
33	P	-
36	G	-

Connector No.	E6
Connector Name	IPMA 6/16 INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH08FW-NH



42	41	40	39
46	45	44	43

Terminal No.	Color of Wire	Signal Name [Specification]
39	P	-
40	L	-
41	B	-
42	Y	-
43	SB	-

44	W	-
45	G	-
46	BR	-

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



2	1
3	1

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

Connector No.	E18
Connector Name	HORN RELAY 2
Connector Type	MG3FW-R-LC



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

Connector No.	E61
Connector Name	HORN (LOW)
Connector Type	P01FB-A



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

Connector No.	E62
Connector Name	HORN (LOW)
Connector Type	P01FB-A



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

Connector No.	E69
Connector Name	HORN (HIGH)
Connector Type	P01FB-A



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

Connector No.	E70
Connector Name	HORN (HIGH)
Connector Type	P01FB-A



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

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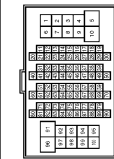
# HORN

## < DTC/CIRCUIT DIAGNOSIS >

95	Y	-
96	W	-
100	Y	-

36	P	-
37	Y	-
38	GR	-
39	LG	-
41	LG	-
42	V	-
43	R	-
44	G	-
45	GR	-
46	W	-
47	L	-
48	P	-
49	SB	-
50	BR	-
51	B	-
52	Y	-
53	O	-
54	R	-
55	SB	-
56	P	-
59	P	-
60	SB	-
61	V	-
62	P	-
63	LG	-
64	L	-
65	O	-
66	L	-
69	L	-
70	SHIELD	-
71	G	-
72	G	-
73	R	-
74	BR	-
76	L	-
77	W	-
78	Y	-
80	SB	-
81	L	-
82	W	-
83	LG	-
84	GR	-
85	G	-
86	P	-
87	W	-
88	O	-
89	LG	-
90	BR	-
91	GR	-
92	BR	-
93	SB	-
94	W	-

<b>HORN</b>	E106
Connector No.	WIRE TO WIRE
Connector Name	TH00FW-CS16-TM4
Connector Type	



Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	O	-
3	SB	-
4	LG	-
5	Y	-
6	W	-
7	G	-
8	V	-
9	R	-
10	BR	-
11	B	-
12	G	-
13	R	-
14	W	-
15	SHIELD	-
16	SB	-
17	L	-
18	P	-
19	G	-
20	W	- [With ICC]
21	Y	- [Without ICC]
22	BR	-
23	R	- [With ICC]
24	V	- [Without ICC]
25	G	-
26	L	- [With ICC]
27	P	- [Without ICC]
28	SHIELD	-
29	G	-
30	LG	-
31	O	-
32	BR	-
33	W	-
34	Y	-
35	O	-
36	SB	-

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# HORN

## < DTC/CIRCUIT DIAGNOSIS >

HORN

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

Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	O	-
3	SB	-
4	LG	-
5	GR	-
6	W	-
7	G	-
8	W	-
9	P	-
10	BR	-
11	B	-
12	G	-
13	R	-
14	W	-
15	SHIELD	-
16	BR	-
17	L	-
18	P	-
19	G	-
20	W	- [With ICG]
20	GR	- [Without ICG]
21	BR	- [With ICG]
21	R	- [Without ICG]
22	R	- [With ICG]
22	L	- [Without ICG]
23	G	-
24	L	- [With ICG]
24	P	- [Without ICG]
25	Y	- [With ICG]
25	W	- [Without ICG]
26	SHIELD	-
28	GR	-
29	V	-
30	O	-
31	BR	-
32	Y	-
33	W	-

35	L	-
36	P	-
37	G	-
38	R	-
39	G	-
41	L	-
42	W	-
43	R	-
44	LG	-
45	GR	-
46	W	-
47	L	-
48	P	-
49	O	-
50	LG	-
51	SB	-
52	Y	-
53	O	-
54	BR	-
55	SB	-
56	P	-
59	SB	-
60	SB	-
61	V	-
82	P	-
83	R	-
84	L	-
85	O	-
86	L	-
89	V	-
70	SHIELD	-
71	O	-
72	GR	-
73	W	-
74	SB	-
75	V	-
77	V	-
78	Y	-
80	O	-
81	L	-
82	W	-
83	Y	-
84	L	-
85	P	-
86	BR	-
87	P	-
88	V	-
89	G	-
90	P	-
91	R	-
92	R	-

94	L	-
95	G	-
96	W	-
100	Y	-

Connector No.	M38
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY-1V

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

Connector No.	M33
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY

Terminal No.	Color of Wire	Signal Name [Specification]
13	R	-
14	W	-
15	L	-
16	B	-
17	BR	-
18	G	-
19	P	-
20	Y	-

TYPE B

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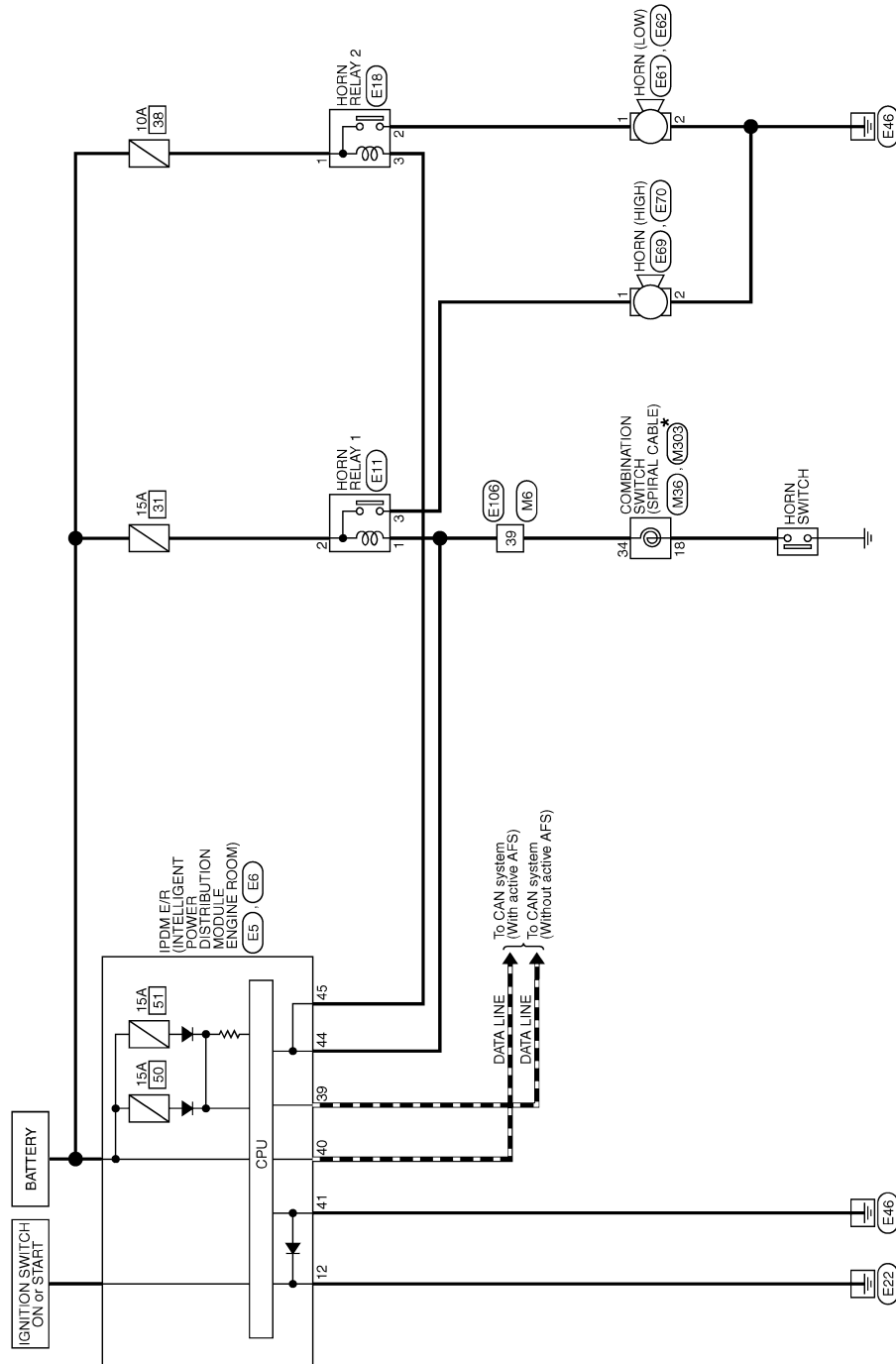
# HORN

< DTC/CIRCUIT DIAGNOSIS >

## TYPE B : Wiring Diagram - HORN -

INFOID:000000007091614

HORN



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

2009/07/29

JCLWA3916GB

HRN

# HORN

## < DTC/CIRCUIT DIAGNOSIS >

### HORN

Connector No.	E5
Connector Name	IGN & INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM)
Connector Type	TH20FW-CS12-M4-1V



9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32



# HORN

## < DTC/CIRCUIT DIAGNOSIS >

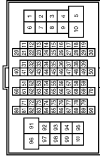
<b>HORN</b>		E106	
Connector No.	WIRE TO WIRE		
Connector Name	TH80PW-CS16-TM4		
Connector Type			

36	P	-	-
37	Y	-	-
38	GR	-	-
39	LG	-	-
41	LG	-	-
42	V	-	-
43	R	-	-
44	G	-	-
45	GR	-	-
46	W	-	-
47	L	-	-
48	P	-	-
49	SB	-	-
50	BR	-	-
51	B	-	-
52	Y	-	-
53	BG	-	-
54	R	-	-
55	SB	-	-
59	P	-	-
60	SB	-	-
61	V	-	-
62	P	-	-
63	LG	-	-
64	L	-	-
65	BG	-	-
69	L	-	-
70	SHIELD	-	-
71	G	-	-
72	G	-	-
73	R	-	-
74	BR	-	-
76	L	-	-
77	W	-	-
78	Y	-	-
80	SB	-	-
81	L	-	-
82	W	-	-
83	LG	-	-
84	GR	-	-
85	G	-	-
86	P	-	-
87	W	-	-
88	BG	-	-
89	LG	-	-
90	BR	-	-
91	GR	-	-
92	BR	-	-
93	SB	-	-
94	W	-	-
95	Y	-	-
96	W	-	-

1	G	-	-
2	BG	-	-
3	SB	-	-
4	LG	-	-
5	Y	-	-
6	W	-	-
7	G	-	-
8	V	-	-
9	R	-	-
10	BR	-	-
11	B	-	-
12	G	-	-
13	R	-	-
14	W	-	-
15	SHIELD	-	-
16	SB	-	-
17	L	-	-
18	P	-	-
19	G	-	-
20	W	-	-
20	Y	-	-
21	BR	-	-
22	R	-	-
22	V	-	-
23	G	-	-
24	L	-	-
24	P	-	-
25	Y	-	-
25	L	-	-
26	SHIELD	-	-
28	G	-	-
29	LG	-	-
30	BG	-	-
31	BR	-	-
32	W	-	-
33	Y	-	-
34	BG	-	-
35	SB	-	-

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

97	W	-
98	SHIELD	-
100	Y	-



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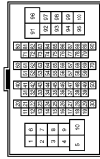
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# HORN

< DTC/CIRCUIT DIAGNOSIS >

## HORN

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

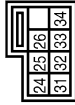


Terminal No.	Color of Wire	Signal Name [Specification]
1	G	-
2	BG	-
3	SB	-
4	LG	-
5	GR	-
6	W	-
7	G	-
8	W	-
9	P	-
10	BR	-
11	B	-
12	G	-
13	R	-
14	W	-
15	SHIELD	-
16	BR	-
17	L	-
18	P	-
19	G	- [With ICC]
20	W	- [Without ICC]
21	BR	- [With ICC]
22	R	- [Without ICC]
23	L	- [With ICC]
24	G	- [Without ICC]
25	P	- [With ICC]
26	SHIELD	- [Without ICC]
27	W	- [With ICC]
28	GR	- [Without ICC]
29	V	-
30	BG	-
31	BR	-
32	W	-
33	Y	-
34	L	-

35	L	-
36	P	-
37	G	-
38	R	-
39	G	-
41	L	-
42	W	-
43	R	-
44	LG	-
45	GR	-
46	W	-
47	L	-
48	P	-
49	BG	-
50	LG	-
51	SB	-
52	Y	-
53	BG	-
54	BR	-
55	SB	-
56	SB	-
60	SB	-
61	V	-
62	P	-
63	R	-
64	L	-
65	BG	-
69	V	-
70	SHIELD	-
71	BG	-
72	GR	-
73	W	-
74	SB	-
76	V	-
77	V	-
78	Y	-
80	BG	-
81	L	-
82	W	-
83	Y	-
84	L	-
85	P	-
86	BR	-
87	P	-
88	V	-
89	G	-
90	P	-
91	R	-
92	R	-
93	GR	-
94	L	-
95	G	-

96	W	-
97	W	-
98	SHIELD	-
100	Y	-

Connector No.	M36
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY-1V



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

Connector No.	M303
Connector Name	COMBINATION SWITCH (SPIRAL CABLE)
Connector Type	TK08FGY



Terminal No.	Color of Wire	Signal Name [Specification]
13	R	-
14	W	-
15	L	-
16	B	-
17	BR	-
18	G	-
19	P	-
20	Y	-

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# PRECAUTIONS

< PRECAUTION >

## PRECAUTION

### PRECAUTIONS

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

INFOID:000000006564800

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.

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# HORN

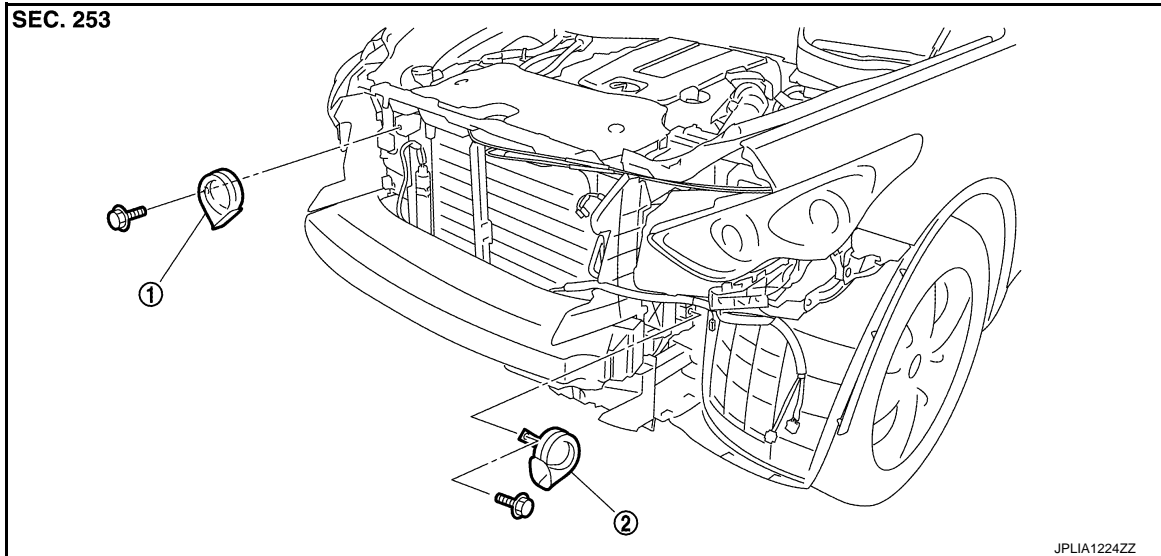
< REMOVAL AND INSTALLATION >

## REMOVAL AND INSTALLATION

### HORN

#### Exploded View

INFOID:000000006564801



1. Horn (HIGH)

2. Horn (LOW)

### Removal and Installation

INFOID:000000006564802

#### REMOVAL

##### Horn (LOW)

1. Remove the fender protector. Refer to [EXT-25. "FENDER PROTECTOR : Exploded View"](#).
2. Disconnect the horn (LOW) connector.
3. Remove the horn mounting bolt, and remove the horn (LOW) from the vehicle.

##### Horn (HIGH)

1. Remove the air duct (inlet). Refer to [EM-29. "Exploded View"](#).
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.