

SECTION **HRN**
HORN

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

CONTENTS

DTC/CIRCUIT DIAGNOSIS	2	FOR MEXICO	6
HORN	2	FOR MEXICO : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	6
Wiring Diagram - HORN -	2	FOR MEXICO : Precautions for Removing of Battery Terminal	7
PRECAUTION	6	REMOVAL AND INSTALLATION	8
PRECAUTIONS	6	HORN	8
FOR USA AND CANADA	6	Exploded View	8
FOR USA AND CANADA : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	6	Removal and Installation	8
FOR USA AND CANADA : Precautions for Removing of Battery Terminal	6		

HRN

HORN

< DTC/CIRCUIT DIAGNOSIS >

Connector No.	E5	E10	E11	22	P
Connector Name	HORN RELAY	INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM	INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM	22	P
Connector Type	24381.7890A	TH20FW-GS12-M4-1V	TH38FW-HH	23	L
				24	O
				25	D
				26	Y
				27	SB
				28	SB
				29	W
				30	Y
				38	R
				39	L
				40	B
				47	P
				48	L
				49	SB
				50	GR
				51	LG
				52	Y
				53	GR
				54	BR
				55	Y
				56	W/L
				60	W
				61	BR
				62	O
				63	L/O
				64	SHIELD
				66	W
				67	BR
				68	Y
				69	SB
				70	GR
				71	SB
				72	Y
				73	L
				74	W
				75	BR
				76	GR
				77	O
				78	G
				78	Y
				79	Y
				80	R
				81	W
				82	LG
				83	O

Terminal No.	Color Of Wire	Signal Name [Specification]
3	Y	
5	LG	
6	GR	
8	G	
11	P	
12	Y	
13	O	
14	O	
15	BR	
20	Y	
21	BR	

Terminal No.	Color Of Wire	Signal Name [Specification]
4	LG	
7	CR	
10	BR	
12	B	
13	SB	
15	W	
16	R	
19	Y	
20	L	
21	O	
22	SB	
23	GR	
24	G	
25	GR	
26	W	
27	W	
28	SB	
30	BR	
34	O	
35	P	
36	G	
38	GR	

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	
2	SB	
3	G	

Terminal No.	Color Of Wire	Signal Name [Specification]
8	SB	
9	W	
10	Y	
11	G	

Terminal No.	Color Of Wire	Signal Name [Specification]
3	GR	
4	SB	
5	O	
8	G	
9	W	
10	Y	
11	G	

Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH70MW-GS10-K3

Terminal No.	Color Of Wire	Signal Name [Specification]
3	Y	
5	LG	
6	GR	
8	G	
11	P	
12	Y	
13	O	
14	O	
15	BR	
20	Y	
21	BR	

JRLWC9489GB

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

HORN

< DTC/CIRCUIT DIAGNOSIS >

HORN		Connector No. E339	WIRE TO WIRE	NS12PBR-GS	
Terminal No.	Color Of Wire	Signal Name [Specification]			
3	O				
4	G				
5	G				
8	G				
9	W				
10	Y				
11	R				
Connector No. E340		HORN HIGH	PO1FB-A		
Terminal No.	Color Of Wire	Signal Name [Specification]			
2	B				
Connector No. E341		HORN HIGH	PO1FB-A		
Terminal No.	Color Of Wire	Signal Name [Specification]			
1	G				
Connector No. E342		HORN LOW	PO1FB-A		
Terminal No.	Color Of Wire	Signal Name [Specification]			
1	G				
Connector No. E343		HORN LOW	PO1FB-A		
Terminal No.	Color Of Wire	Signal Name [Specification]			
2	B				
Connector No. E344		HORN HIGH	PO1FB-A		
Terminal No.	Color Of Wire	Signal Name [Specification]			
2	B				
Connector No. M31		COMBINATION SWITCH (SPIRAL CABLE)	HOBECEY-TV		
Terminal No.	Color Of Wire	Signal Name [Specification]			
3	P				
5	BR				
6	G				
8	R				
11	P				
12	L				
13	V				
14	Y				
15	Y				
20	W	[Without colour display]			
21	Y	[With colour display]			
22	LG				
24	Y				
25	L				
28	BR				
29	L				
30	R				
38	R				
39	L				
40	B				
41	P				
42	W				
48	W				
50	GS				
51	LG				
52	Y				
53	V				
54	SB				
55	P				
Connector No. M33		COMBINATION SWITCH (SPIRAL CABLE)	HOBECEY-TV		
Terminal No.	Color Of Wire	Signal Name [Specification]			
24	BR				
25	P				
28	BR				
31	SB				
32	SB				
33	L				
34	Y				

JRLWC9490GB


HORN

< DTC/CIRCUIT DIAGNOSIS >

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

HORN

Connector No.	M303
Connector Name	COMBINATION SWITCH (SERIAL CABLE)
Connector Type	TRAPEZOID



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

HRN

JRLWC9491GB

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

FOR USA AND CANADA

FOR USA AND CANADA : Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:000000009718822

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.

FOR USA AND CANADA : Precautions for Removing of Battery Terminal

INFOID:000000010077092

- 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.

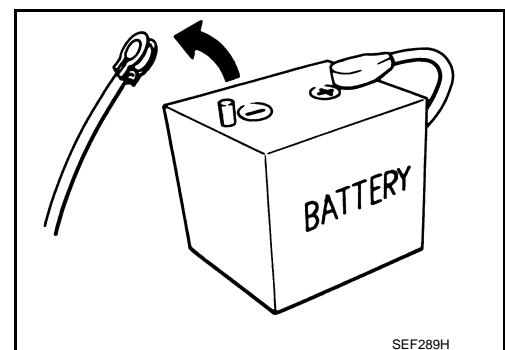
- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

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



PRECAUTIONS

< PRECAUTION >

"SEAT BELT PRE-TENSIONER"

INFOID:000000009718823

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 of Battery Terminal

INFOID:000000010077093

- 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.

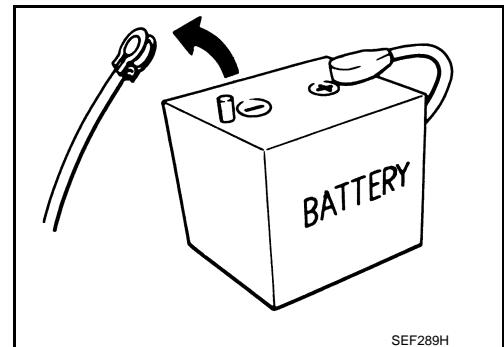
NOTE:

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.



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

HORN

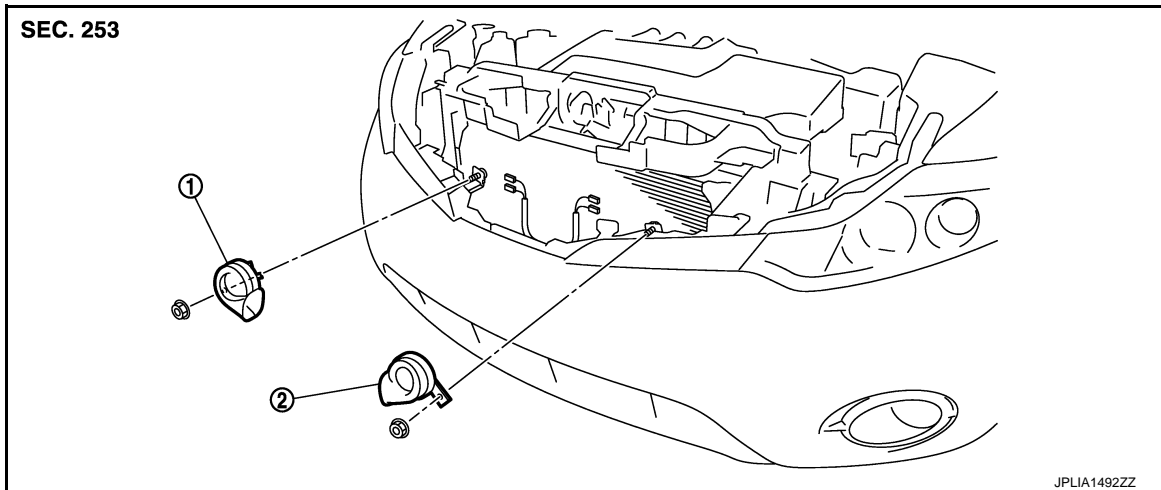
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

HORN

Exploded View

INFOID:000000009718824



1. Horn (HIGH)

2. Horn (LOW)

Removal and Installation

INFOID:000000009718825

REMOVAL

1. Remove the front grille. Refer to [EXT-21. "Exploded View"](#).
2. Disconnect the horn (LOW, HIGH) connector.
3. Remove the horn mounting nut, and remove the horn (LOW, HIGH) from the vehicle.

INSTALLATION

Install in the reverse order of removal.