

SECTION

HRN

HORN

CONTENTS

|                                                                                                          |   |                                       |   |
|----------------------------------------------------------------------------------------------------------|---|---------------------------------------|---|
| <b>PRECAUTION</b> .....                                                                                  | 2 | <b>HORN</b> .....                     | 3 |
| <b>PRECAUTIONS</b> .....                                                                                 | 2 | Wiring Diagram .....                  | 3 |
| Precaution for Supplemental Restraint System<br>(SRS) "AIR BAG" and "SEAT BELT PRE-TEN-<br>SIONER" ..... | 2 | <b>REMOVAL AND INSTALLATION</b> ..... | 6 |
| Precautions for Removing Battery Terminal .....                                                          | 2 | <b>HORN</b> .....                     | 6 |
| <b>WIRING DIAGRAM</b> .....                                                                              | 3 | Exploded View .....                   | 6 |
|                                                                                                          |   | Removal and Installation .....        | 6 |

## PRECAUTIONS

< PRECAUTION >

### PRECAUTION

#### PRECAUTIONS

##### Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "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.

##### Precautions for Removing Battery Terminal

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- 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.

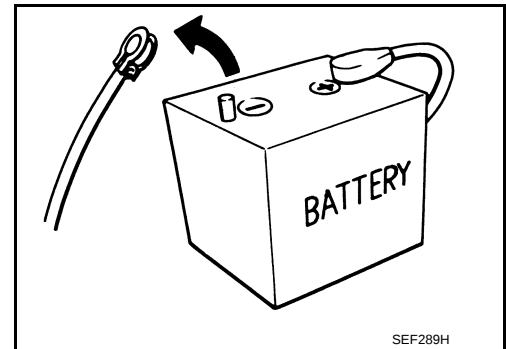
##### **NOTE:**

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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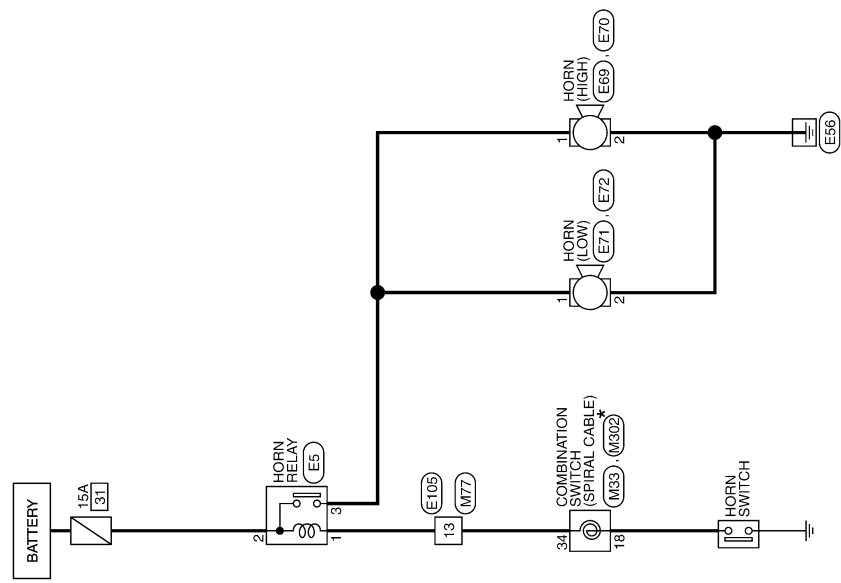
< WIRING DIAGRAM >

WIRING DIAGRAM

HORN

Wiring Diagram

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HORN

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|                |             |
|----------------|-------------|
| Connector No.  | E5          |
| Connector Name | HORN RELAY  |
| Connector Type | 24381 7990A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1            | P/B           | -                           |
| 2            | W/B           | -                           |
| 3            | R             | -                           |

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



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

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



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

|                |            |
|----------------|------------|
| Connector No.  | E71        |
| Connector Name | HORN (LOW) |
| Connector Type | P01FB-BR-A |



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

|                |            |
|----------------|------------|
| Connector No.  | E72        |
| Connector Name | HORN (LOW) |
| Connector Type | P01FB-A    |



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

|                |                 |
|----------------|-----------------|
| Connector No.  | E105            |
| Connector Name | WIRE TO WIRE    |
| Connector Type | TH80MM-CS18-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1            | L             | -                           |
| 2            | L/W           | -                           |
| 3            | R/B           | -                           |
| 4            | L             | -                           |
| 5            | Y             | -                           |
| 7            | W/G           | -                           |
| 8            | P/B           | -                           |
| 9            | W/B           | -                           |
| 10           | G             | -                           |
| 11           | L             | -                           |
| 12           | P             | -                           |
| 13           | P/B           | -                           |
| 14           | BR            | -                           |
| 15           | L/B           | -                           |
| 16           | SB            | -                           |
| 18           | BR            | -                           |
| 19           | Y/G           | -                           |
| 20           | BR/Y          | -                           |
| 21           | Y/V           | -                           |
| 22           | L             | -                           |
| 23           | Y             | -                           |
| 24           | L/W           | -                           |
| 28           | O             | -                           |
| 29           | R/W           | -                           |
| 30           | L/B           | -                           |
| 31           | Y             | -                           |
| 32           | GR/R          | -                           |
| 34           | Y             | -                           |
| 35           | R             | -                           |
| 36           | B/R           | -                           |

|     |      |   |
|-----|------|---|
| 37  | G/Y  | - |
| 38  | G    | - |
| 40  | SB   | - |
| 41  | W/R  | - |
| 42  | R    | - |
| 43  | V    | - |
| 54  | GR/L | - |
| 91  | BR   | - |
| 92  | L/W  | - |
| 94  | Y/B  | - |
| 96  | G/R  | - |
| 97  | R    | - |
| 98  | G/B  | - |
| 100 | W/R  | - |

|                |                                   |
|----------------|-----------------------------------|
| Connector No.  | M33                               |
| Connector Name | COMBINATION SWITCH (SPIRAL CABLE) |
| Connector Type | TK08FGY-1V                        |



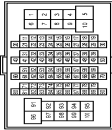
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 24           | Y/G           | -                           |
| 25           | Y             | -                           |
| 26           | B             | -                           |
| 31           | Y/L           | -                           |
| 32           | R             | -                           |
| 33           | B             | -                           |
| 34           | P/B           | -                           |

HORN

< WIRING DIAGRAM >

HORN

|                |                 |
|----------------|-----------------|
| Connector No.  | M77             |
| Connector Name | WIRE TO WIRE    |
| Connector Type | TH80FW-C516-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1            | W             | -                           |
| 2            | L/W           | -                           |
| 3            | R/B           | -                           |
| 4            | L             | -                           |
| 5            | Y             | -                           |
| 7            | W/G           | -                           |
| 8            | P/B           | -                           |
| 9            | W/B           | -                           |
| 10           | G             | -                           |
| 11           | L             | -                           |
| 12           | P             | -                           |
| 13           | P/B           | -                           |
| 14           | BR            | -                           |
| 15           | O/L           | -                           |
| 16           | SB            | -                           |
| 18           | BR            | -                           |
| 19           | Y/G           | -                           |
| 20           | BR/Y          | -                           |
| 21           | V             | -                           |
| 22           | L             | -                           |
| 23           | Y             | -                           |
| 24           | L/W           | -                           |
| 28           | O             | -                           |
| 29           | R/W           | -                           |
| 30           | O/L           | -                           |
| 31           | Y             | -                           |
| 32           | GR/R          | -                           |
| 34           | Y             | -                           |
| 35           | R             | -                           |
| 36           | B/O           | -                           |
| 37           | G/Y           | -                           |
| 38           | G             | -                           |
| 40           | SB            | -                           |
| 41           | W/R           | -                           |
| 42           | R             | -                           |
| 43           | V             | -                           |

|     |      |   |
|-----|------|---|
| 54  | GR/L | - |
| 91  | BR   | - |
| 92  | L/W  | - |
| 94  | Y/B  | - |
| 95  | L/R  | - |
| 97  | P    | - |
| 98  | O/L  | - |
| 100 | W/B  | - |

|                |                                   |
|----------------|-----------------------------------|
| Connector No.  | M302                              |
| 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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A  
B  
C  
D  
E  
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G  
H  
I  
J  
K  
HRN  
M  
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O  
P

# HORN

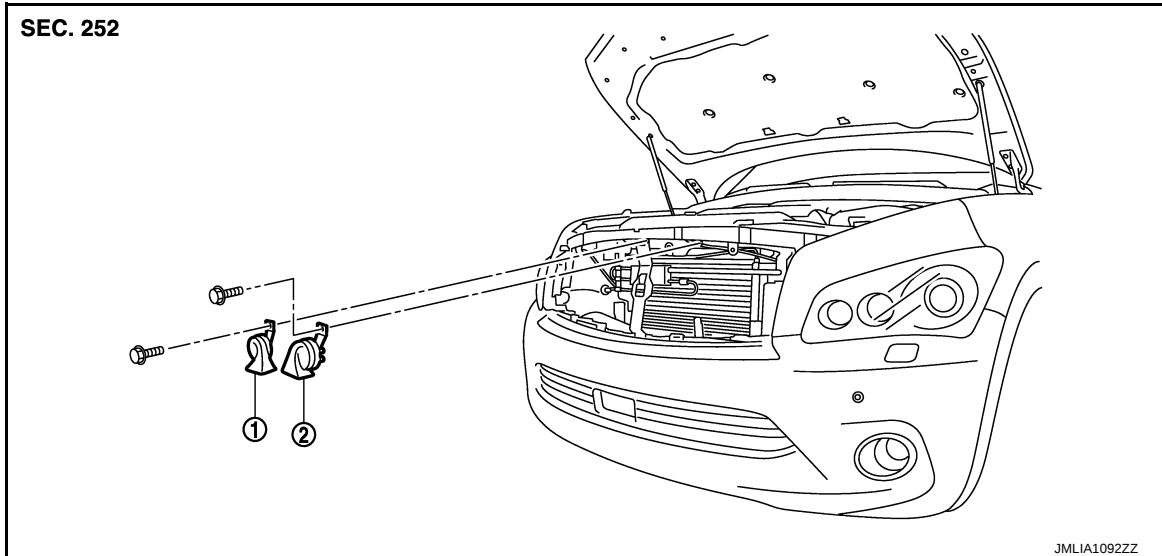
< REMOVAL AND INSTALLATION >

## REMOVAL AND INSTALLATION

### HORN

#### Exploded View

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1. Horn (LOW)

2. Horn (HIGH)

### Removal and Installation

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#### REMOVAL

1. Remove the front grille. Refer to [EXT-20. "Removal and Installation"](#).
2. Disconnect the horn (LOW, HIGH) connectors.
3. Remove the horn mounting bolts, and remove the horns (LOW, HIGH) from the vehicle.

#### INSTALLATION

Install in the reverse order of removal.