

**SECTION EI**  
**EXTERIOR & INTERIOR**

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# PRECAUTIONS

## PRECAUTIONS

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### Service Notice

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- When removing or installing various parts, place a cloth or padding on the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc. carefully during removing or installing. Be careful not to soil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.
- When replacing any metal parts (for example body outer panel, members, etc.), be sure to take rust prevention measures.

### Precautions 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 and SB section of this Service Manual.

#### **WARNING:**

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which 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 the SRS section.**
- **Do not 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 for SRS “AIR BAG” and “SEAT BELT PRE-TENSIONER” Service

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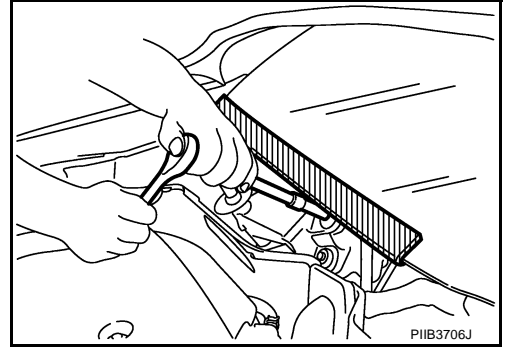
- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect both battery cables and wait at least 3 minutes.  
For approximately 3 minutes after the cables are removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until at least 3 minutes have passed.
- The air bag diagnosis sensor unit must always be installed with the arrow marks “←” pointing toward the front of the vehicle for proper operation. Also check the air bag diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned with the neutral position since its rotations are limited. Do not attempt to turn steering wheel or column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper function after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.

# PRECAUTIONS

## Precautions for Procedures without Cowl Top Cover

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When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc.



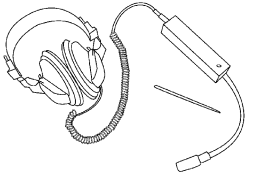
# PREPARATION

## PREPARATION

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### Commercial Service Tools

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Tool name	Description
<p data-bbox="140 310 256 342">Engine ear</p>  <p data-bbox="837 512 906 532">SIIA0995E</p>	<p data-bbox="997 310 1189 342">Locating the noise</p>

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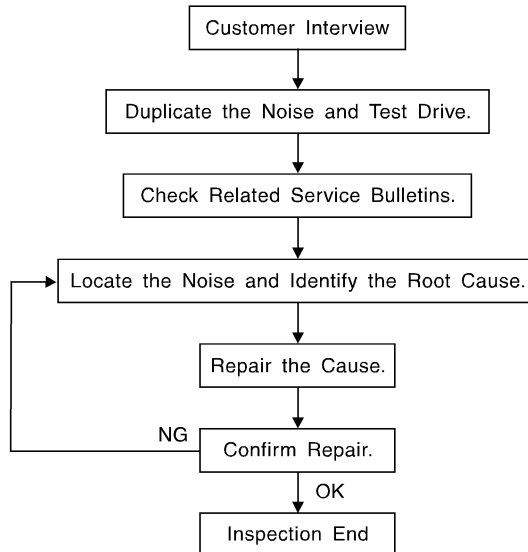
# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## SQUEAK AND RATTLE TROUBLE DIAGNOSES

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### Work Flow

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SBT842

### CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any customer's comments; refer to [EI-10, "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

- The customer may not be able to provide a detailed description or the location of the noise. Attempt to obtain all the facts and conditions that exist when the noise occurs (or does not occur).
- If there is more than one noise in the vehicle, be sure to diagnose and repair the noise that the customer is concerned about. This can be accomplished by test driving the vehicle with the customer.
- After identifying the type of noise, isolate the noise in terms of its characteristics. The noise characteristics are provided so the customer, service adviser and technician are all speaking the same language when defining the noise.
- Squeak —(Like tennis shoes on a clean floor)  
Squeak characteristics include the light contact/fast movement/brought on by road conditions/hard surfaces = higher pitch noise/softer surfaces = lower pitch noises/edge to surface = chirping.
- Creak—(Like walking on an old wooden floor)  
Creak characteristics include firm contact/slow movement/twisting with a rotational movement/pitch dependent on materials/often brought on by activity.
- Rattle—(Like shaking a baby rattle)  
Rattle characteristics include the fast repeated contact/vibration or similar movement/loose parts/missing clip or fastener/incorrect clearance.
- Knock —(Like a knock on a door)  
Knock characteristics include hollow sounding/sometimes repeating/often brought on by driver action.
- Tick—(Like a clock second hand)  
Tick characteristics include gentle contacting of light materials/loose components/can be caused by driver action or road conditions.
- Thump—(Heavy, muffled knock noise)  
Thump characteristics include softer knock/dead sound often brought on by activity.
- Buzz—(Like a bumble bee)  
Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending upon the person. A noise that you may judge as acceptable may be very irritating to the customer.
- Weather conditions, especially humidity and temperature, may have a great effect on noise level.

# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## DUPLICATE THE NOISE AND TEST DRIVE

If possible, drive the vehicle with the customer until the noise is duplicated. Note any additional information on the Diagnostic Worksheet regarding the conditions or location of the noise. This information can be used to duplicate the same conditions when you confirm the repair.

If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:

- 1) Close a door.
  - 2) Tap or push/pull around the area where the noise appears to be coming from.
  - 3) Rev the engine.
  - 4) Use a floor jack to recreate vehicle "twist".
  - 5) At idle, apply engine load (electrical load, half-clutch on M/T model, drive position on A/T model).
  - 6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.
- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
  - If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

## CHECK RELATED SERVICE BULLETINS

After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to that concern or symptom.

If a TSB relates to the symptom, follow the procedure to repair the noise.

## LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Engine Ear and mechanic's stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
  - removing the components in the area that you suspect the noise is coming from.  
Do not use too much force when removing clips and fasteners, otherwise clips and fasteners can be broken or lost during the repair, resulting in the creation of new noise.
  - tapping or pushing/pulling the component that you suspect is causing the noise.  
Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only temporarily.
  - feeling for a vibration with your hand by touching the component(s) that you suspect is (are) causing the noise.
  - placing a piece of paper between components that you suspect are causing the noise.
  - looking for loose components and contact marks.  
Refer to [EI-7, "Generic Squeak and Rattle Troubleshooting"](#).

## REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:
  - separate components by repositioning or loosening and retightening the component, if possible.
  - insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape.

### CAUTION:

**Do not use excessive force as many components are constructed of plastic and may be damaged. Always check with the Parts Department for the latest parts information.**

## CONFIRM THE REPAIR

Confirm that the cause of a noise is repaired by test driving the vehicle. Operate the vehicle under the same conditions as when the noise originally occurred. Refer to the notes on the Diagnostic Worksheet.

## Generic Squeak and Rattle Troubleshooting

GIS00060

Refer to Table of Contents for specific component removal and installation information.

## INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. The cluster lid A and instrument panel
2. Acrylic lens and combination meter housing

## SQUEAK AND RATTLE TROUBLE DIAGNOSES

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3. Instrument panel to front pillar garnish
4. Instrument panel to windshield
5. Instrument panel mounting pins
6. Wiring harnesses behind the combination meter
7. A/C defroster duct and duct joint

These incidents can usually be located by tapping or moving the components to duplicate the noise or by pressing on the components while driving to stop the noise. Most of these incidents can be repaired by applying felt cloth tape or silicone spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

### **CAUTION:**

**Do not use silicone spray to isolate a squeak or rattle. If you saturate the area with silicone, you will not be able to recheck the repair.**

### **CENTER CONSOLE**

Components to pay attention to include:

1. Shifter assembly cover to finisher
2. A/C control unit and cluster lid C
3. Wiring harnesses behind audio and A/C control unit

The instrument panel repair and isolation procedures also apply to the center console.

### **DOORS**

Pay attention to the:

1. Finisher and inner panel making a slapping noise
2. Inside handle escutcheon to door finisher
3. Wiring harnesses tapping
4. Door striker out of alignment causing a popping noise on starts and stops

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents.

### **TRUNK**

Trunk noises are often caused by a loose jack or loose items put into the trunk by the owner.

In addition look for:

1. Trunk lid bumpers out of adjustment
2. Trunk lid striker out of adjustment
3. The trunk lid torsion bars knocking together
4. A loose license plate or bracket

Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) causing the noise.

### **SUNROOF/HEADLINING**

Noises in the sunroof/headlining area can often be traced to one of the following:

1. Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
2. Sun visor shaft shaking in the holder
3. Front or rear windshield touching headliner and squeaking

Again, pressing on the components to stop the noise while duplicating the conditions can isolate most of these incidents. Repairs usually consist of insulating with felt cloth tape.

### **OVERHEAD CONSOLE (FRONT AND REAR)**

Overhead console noises are often caused by the console panel clips not being engaged correctly. Most of these incidents are repaired by pushing up on the console at the clip locations until the clips engage.

In addition look for:

1. Loose harness or harness connectors.
2. Front console map/reading lamp lens loose.
3. Loose screws at console attachment points.



# SQUEAK AND RATTLE TROUBLE DIAGNOSES

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## SEATS

When isolating seat noise it's important to note the position the seat is in and the load placed on the seat when the noise is present. These conditions should be duplicated when verifying and isolating the cause of the noise.

Cause of seat noise include:

1. Headrest rods and holder
2. A squeak between the seat pad cushion and frame
3. The rear seatback lock and bracket

These noises can be isolated by moving or pressing on the suspected components while duplicating the conditions under which the noise occurs. Most of these incidents can be repaired by repositioning the component or applying urethane tape to the contact area.

## UNDERHOOD

Some interior noise may be caused by components under the hood or on the engine wall. The noise is then transmitted into the passenger compartment.

Causes of transmitted underhood noise include:

1. Any component mounted to the engine wall
2. Components that pass through the engine wall
3. Engine wall mounts and connectors
4. Loose radiator mounting pins
5. Hood bumpers out of adjustment
6. Hood striker out of adjustment

These noises can be difficult to isolate since they cannot be reached from the interior of the vehicle. The best method is to secure, move or insulate one component at a time and test drive the vehicle. Also, engine RPM or load can be changed to isolate the noise. Repairs can usually be made by moving, adjusting, securing, or insulating the component causing the noise.

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# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## Diagnostic Worksheet

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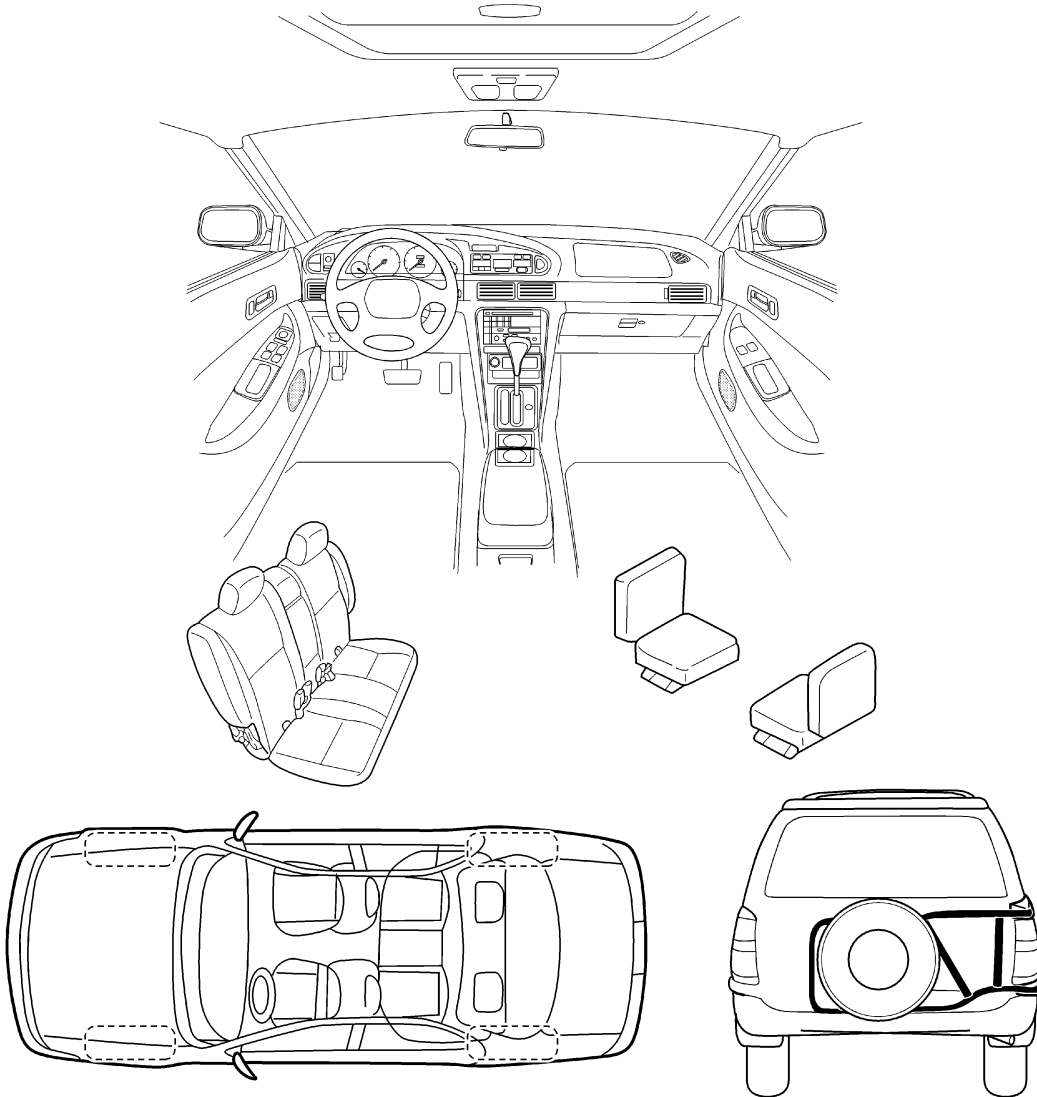
### SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Nissan Customer:

We are concerned about your satisfaction with your Nissan vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Nissan right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked to take a test drive with a service advisor or technician to ensure we confirm the noise you are hearing.

#### I. WHERE DOES THE NOISE COME FROM? (circle the area of the vehicle)

The illustrations are for reference only, and may not reflect the actual configuration of your vehicle.



Continue to the back of the worksheet and briefly describe the location of the noise or rattle. In addition, please indicate the conditions which are present when the noise occurs.

LIWA0276E

# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## SQUEAK & RATTLE DIAGNOSTIC WORKSHEET- page 2

Briefly describe the location where the noise occurs:

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### II. WHEN DOES IT OCCUR? (check the boxes that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> anytime                             | <input type="checkbox"/> after sitting out in the sun |
| <input type="checkbox"/> 1 <sup>st</sup> time in the morning | <input type="checkbox"/> when it is raining or wet    |
| <input type="checkbox"/> only when it is cold outside        | <input type="checkbox"/> dry or dusty conditions      |
| <input type="checkbox"/> only when it is hot outside         | <input type="checkbox"/> other: _____                 |

### III. WHEN DRIVING:

- through driveways
- over rough roads
- over speed bumps
- only at about \_\_\_\_ mph
- on acceleration
- coming to a stop
- on turns : left, right or either (circle)
- with passengers or cargo
- other: \_\_\_\_\_
- after driving \_\_\_\_ miles or \_\_\_\_ minutes

### IV. WHAT TYPE OF NOISE?

- squeak (like tennis shoes on a clean floor)
- creak (like walking on an old wooden floor)
- rattle (like shaking a baby rattle)
- knock (like a knock on a door)
- tick (like a clock second hand)
- thump (heavy, muffled knock noise)
- buzz (like a bumble bee)

### TO BE COMPLETED BY DEALERSHIP PERSONNEL

#### Test Drive Notes:

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	YES	NO	Initials of person performing
Vehicle test driven with customer	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise verified on test drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise source located and repaired	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Follow up test drive performed to confirm repair	<input type="checkbox"/>	<input type="checkbox"/>	_____

VIN: \_\_\_\_\_ Customer Name: \_\_\_\_\_

W.O. #: \_\_\_\_\_ Date: \_\_\_\_\_

SBT844

This form must be attached to Work Order


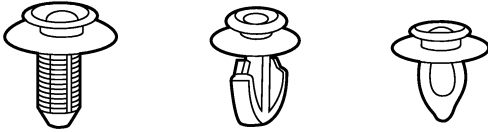


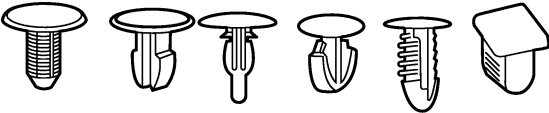
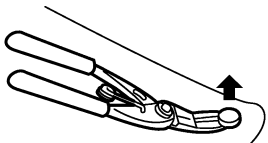

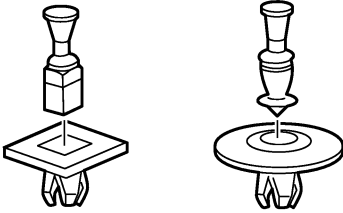
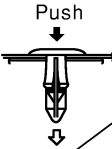
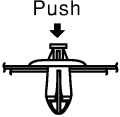

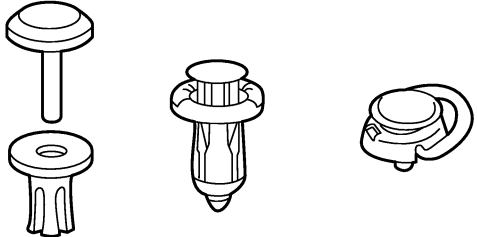


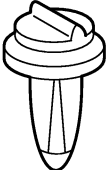
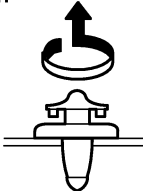
# CLIP AND FASTENER

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## CLIP AND FASTENER


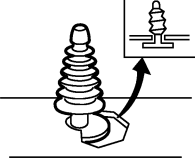
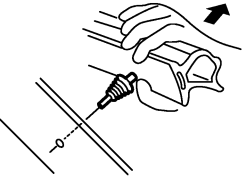

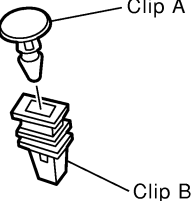
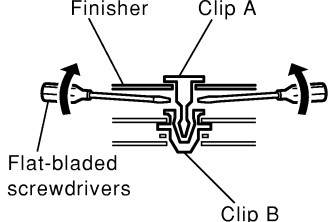

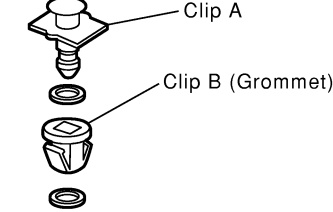
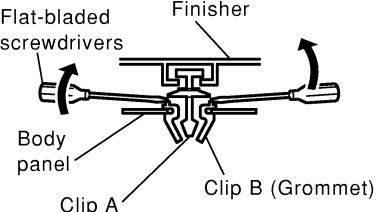


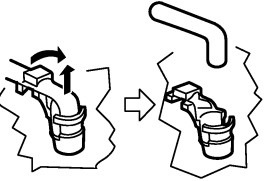

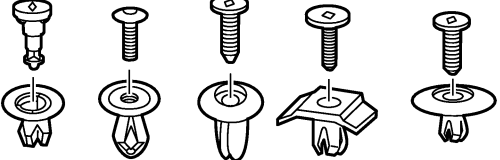

### Clip and Fastener

GIS00062

Symbol No.	Shapes	Removal & Installation
<p>C101</p> 		<p><b>Removal:</b> Remove by bending up with flat-bladed screwdrivers or clip remover.</p> 
<p>C103</p> 		 <p><b>Removal:</b> Remove with a clip remover.</p>
<p>C203</p> 		<p><b>Removal:</b> Push center pin to catching position. (Do not remove center pin by hitting it.)</p>  <p><b>Installation:</b></p> 
<p>C205</p> 		<p><b>Removal:</b> Flat-bladed screwdriver</p>  <p>Clip Finisher</p>
<p>C206</p> 		<p><b>Removal:</b></p> 


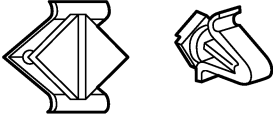

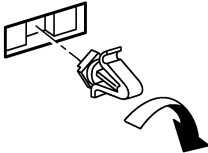

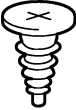



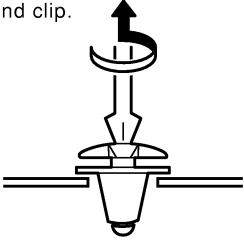


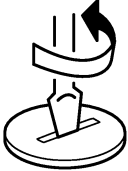
SIIA0315E

# CLIP AND FASTENER

Symbol No.	Shapes	Removal & Installation
<p>CE103</p> 		<p><b>Removal:</b></p> 
<p>CF110</p> 	 <p>Clip A</p> <p>Clip B</p>	<p><b>Removal:</b></p>  <p>Finisher</p> <p>Clip A</p> <p>Flat-bladed screwdrivers</p> <p>Clip B</p>
<p>CF118</p> 	 <p>Clip A</p> <p>Clip B (Grommet)</p>	<p><b>Removal:</b></p>  <p>Flat-bladed screwdrivers</p> <p>Finisher</p> <p>Body panel</p> <p>Clip A</p> <p>Clip B (Grommet)</p>
<p>CR103</p> 		<p><b>Removal:</b> Holder portion of clip must be spread out to remove rod.</p> 
<p>CS101</p> 		<p><b>Removal:</b></p> <ol style="list-style-type: none"> <li>1. Screw out with a Phillips screwdriver.</li> <li>2. Remove female portion with flat-bladed screwdriver.</li> </ol> 

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# CLIP AND FASTENER

Symbol No.	Shapes	Removal & Installation	
<p>CG101</p> 		<p><b>Removal:</b></p>  <p>Rotate 45° to remove</p>	<p><b>Installation:</b></p> 
<p>CS102</p> 			
<p>CS113</p> 		<p><b>Removal:</b> Disconnect upper connection of clip with a flat-bladed screwdriver, then remove clip while inserting a flat-bladed screwdriver between body panel and clip.</p> 	
<p>C111</p> 			

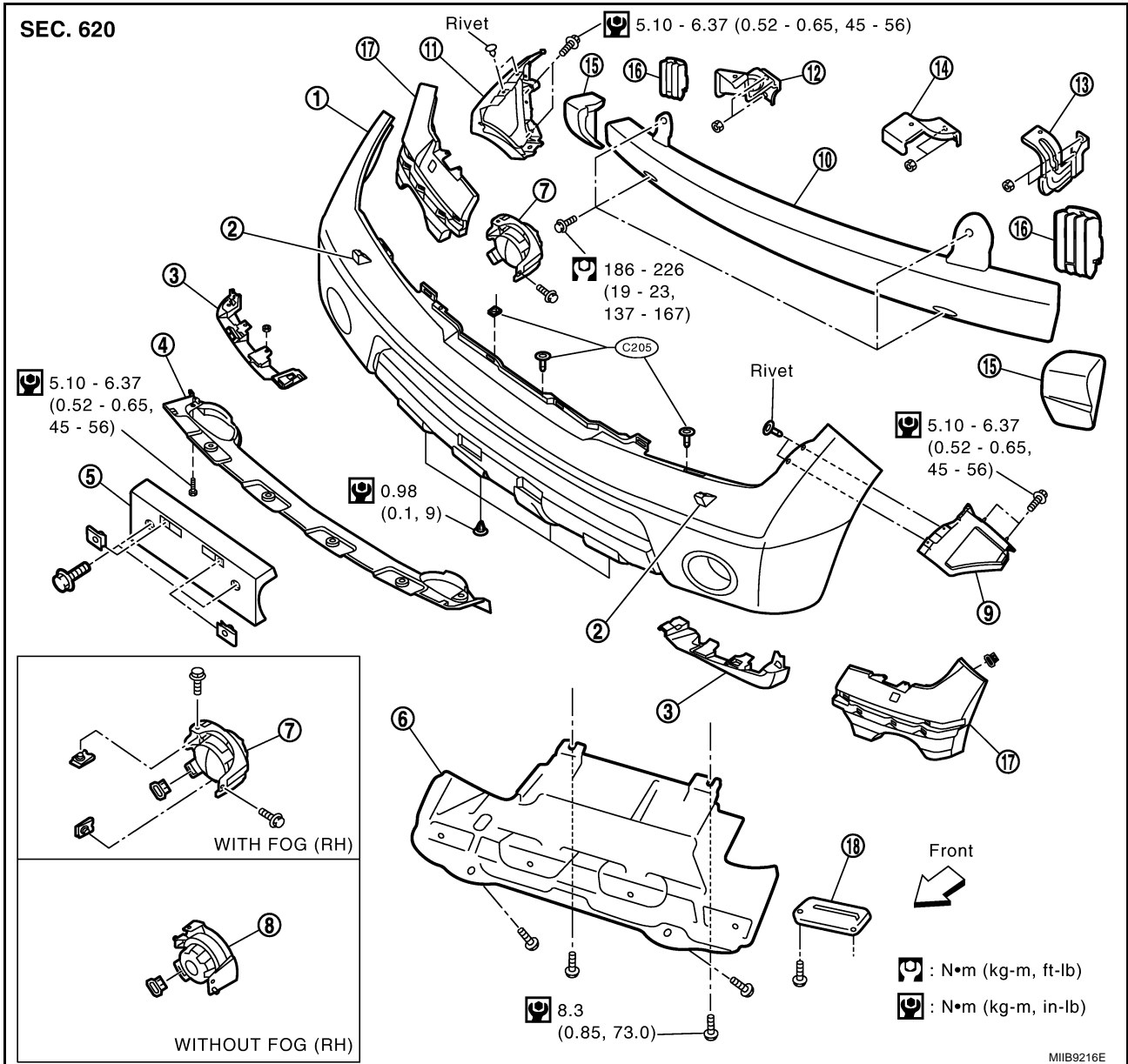
# FRONT BUMPER

PF:F2022

GIS0063

## FRONT BUMPER

### Removal and Installation FRONT BUMPER



- |                                  |  |   |
|----------------------------------|--|---|
| 1. Front bumper assembly         | 2. Front head lamp washer nozzle (if equipped) | 3. Front spoiler RH/LH                        |
| 4. Front spoiler center          | 5. Front license plate bracket                 | 6. Front engine undercover                    |
| 7. Fog lamp (if equipped)        | 8. Fog lamp opening finisher (if equipped)     | 9. Front bumper stay LH                       |
| 10. Front bumper reinforcement   | 11. Front bumper stay RH                       | 12. Front bumper bracket RH                   |
| 13. Front bumper bracket LH      | 14. Front bumper bracket center                | 15. Front bumper, absorber shock LH/RH        |
| 16. Front bumper fascia retainer | 17. Front bumper reinforcement RH/LH           | 18. Front engine undercover lid (if equipped) |

### Removal

1. Remove radiator grille. Refer to [EI-19, "FRONT GRILLE"](#).
2. Remove front center spoiler, then LH and RH front side spoiler.
3. Remove front undercover.
4. Remove front LH/RH mudguard. Refer to [EI-23, "MUDGUARD"](#).

## FRONT BUMPER

---

5. Remove front fender protectors LH and RH. Refer to [EI-21, "FENDER PROTECTOR"](#) .
6. Remove front bumper stay LH/RH, bolts.
7. Disconnect fog lamp harnesses, if equipped.
8. Release intermediate head lamp washer hose, and put a cap on washer tank hose, if equipped.
9. Remove clips fixing front bumper, then remove front bumper assembly.

### **Installation**

Installation is in the reverse order of removal.



# REAR BUMPER

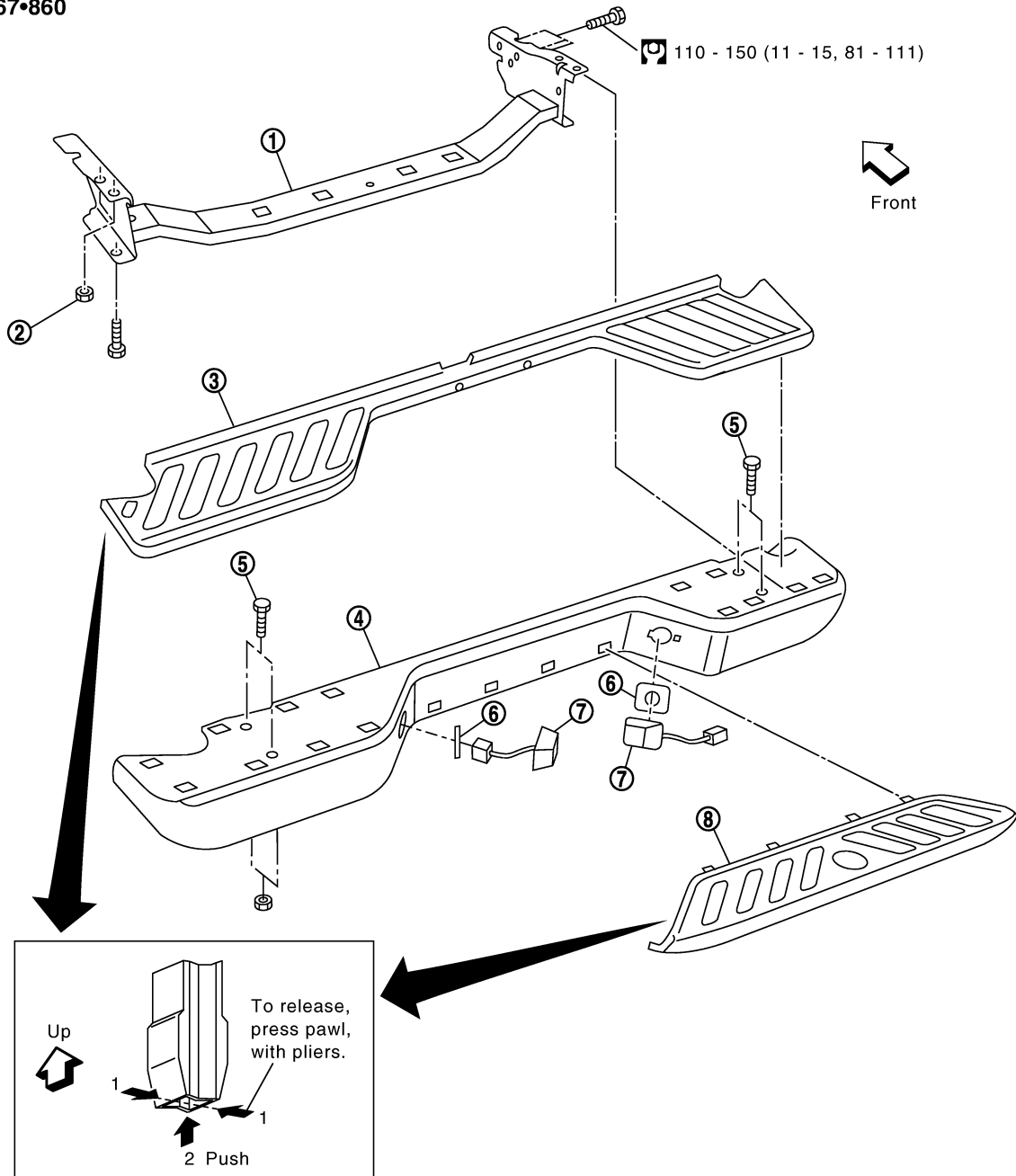
## REAR BUMPER

PFP:H5022

### Removal and Installation

GIS0064

SEC. 767•860



: N•m (kg-m, ft-lb)

MIB9225E

- |                              |                             |                        |
|------------------------------|-----------------------------|------------------------|
| 1. Rear bumper reinforcement | 2. Rear bumper carriage nut | 3. Upper step pad      |
| 4. Rear bumper               | 5. Carriage bolt            | 6. License lamp gasket |
| 7. License lamp RH/LH        | 8. Lower step pad           |                        |

### REMOVAL

1. Remove upper and lower step pads, use pliers to release molded pawls retainer.
2. Disconnect license lamp harness RH/LH.
3. Release clips from license lamp RH/LH, then remove lamps from rear bumper.
4. Remove rear bumper.
5. Remove carriage bolt, then remove rear bumper reinforcement, from frame.
6. Remove rear bumper reinforcement from frame.

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## REAR BUMPER

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### INSTALLATION

Installation is in the reverse order of removal.

# FRONT GRILLE

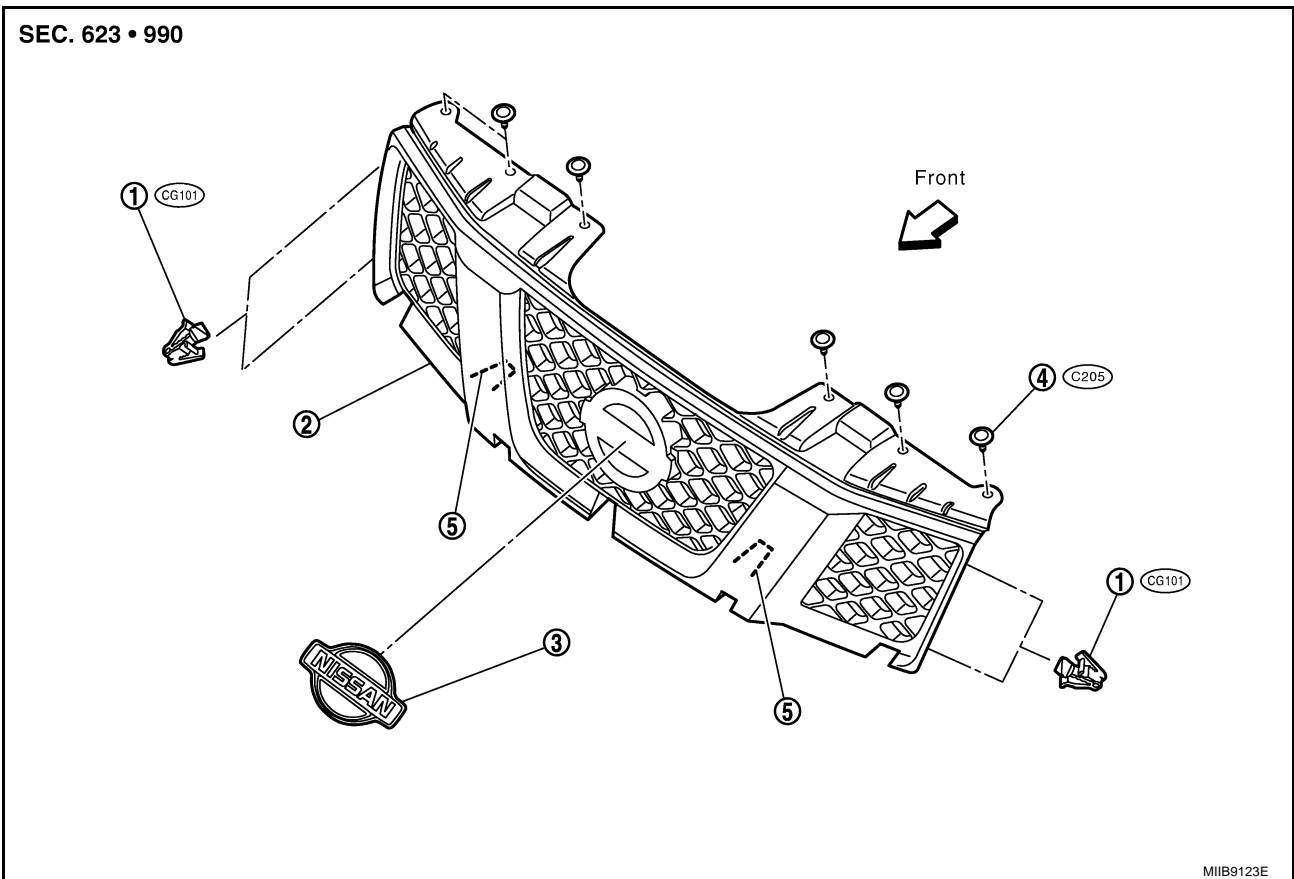
## FRONT GRILLE

PFP:62310

### Removal and Installation

GIS00065

SEC. 623 • 990



- 1. Slide clips
- 2. Front grille
- 3. Front emblem
- 4. Clips

#### REMOVAL

1. Release upper and lower clips from front grille.
2. Release lower front grille pawls.
3. Twist and release LH and RH side clips and remove front grille from member.

#### INSTALLATION

Installation is in the reverse order of removal.

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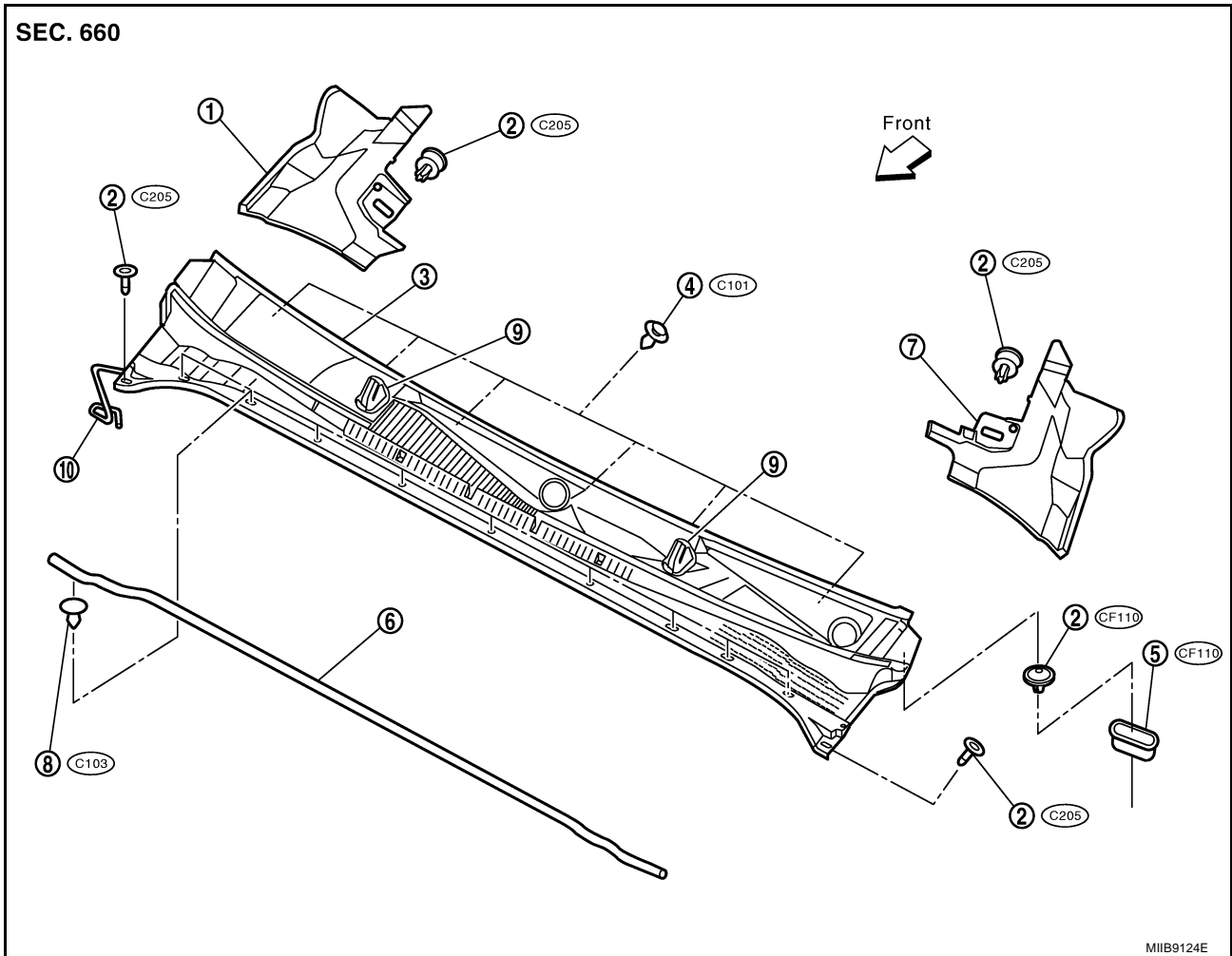
# COWL TOP

PFP:66100

GIS00066

## COWL TOP

### Removal and Installation



- |                          |                       |                  |
|--------------------------|-----------------------|------------------|
| 1. Cowl top extension RH | 2. Side clips         | 3. Cowl top      |
| 4. Rear clip             | 5. Grommet            | 6. Cowl top seal |
| 7. Cowl top extension LH | 8. Cowl top seal clip | 9. Washer nozzle |
| 10. Washer tube          |                       |                  |

### REMOVAL

1. Remove the front wiper arms. Refer to [WW-31, "Removal and Installation of Front Wiper Arms, Adjustment of Wiper Arms Stop Location"](#).
2. Remove cowl top seal.
3. Release clips and remove LH and RH cowl top extensions.
4. Disconnect washer tubes from washer nozzles.
5. Remove cowl top clips and remove cowl top from the cowl.
6. Remove washer nozzles.

### INSTALLATION

Installation is in the reverse order of removal.

# FENDER PROTECTOR

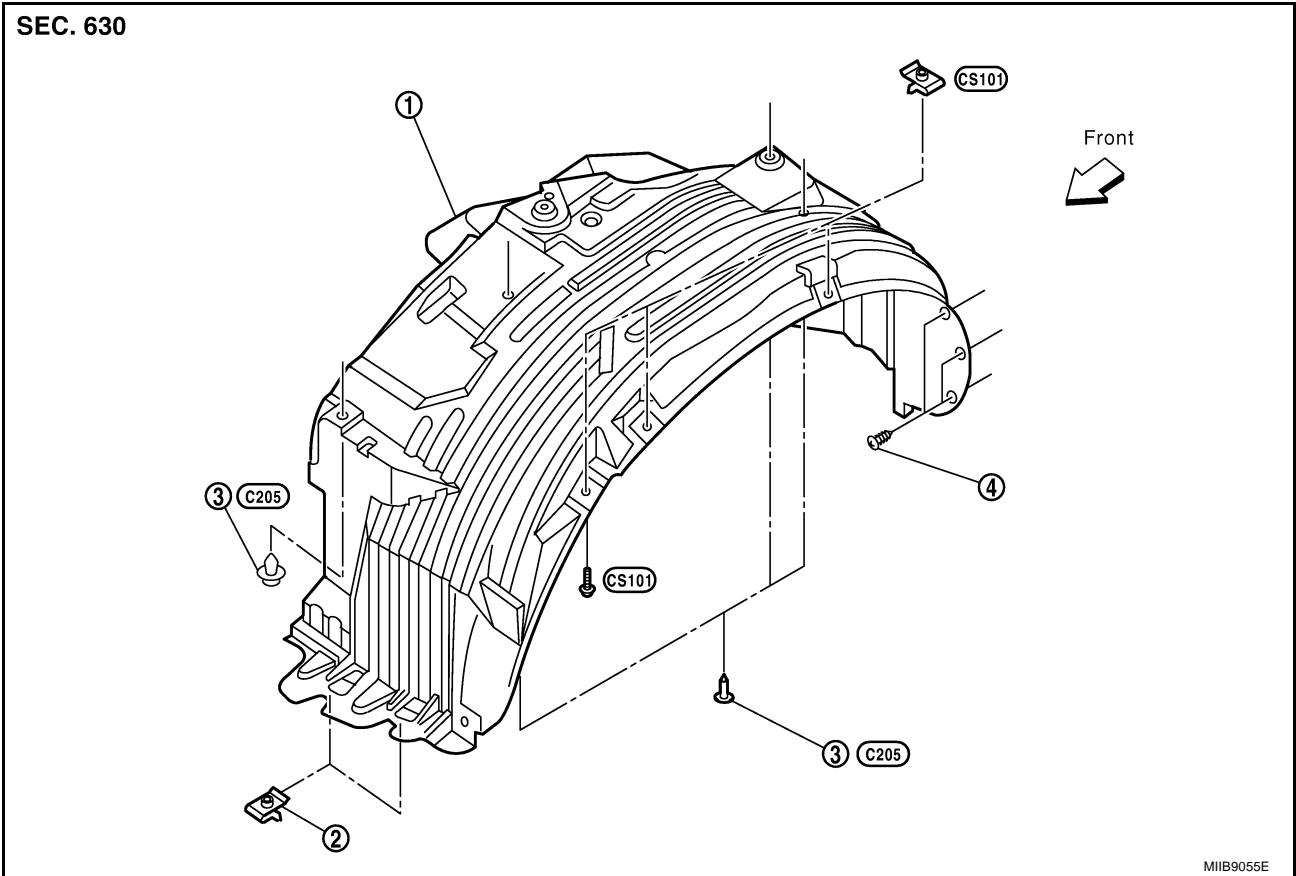
## FENDER PROTECTOR

PFP:63840

### Components

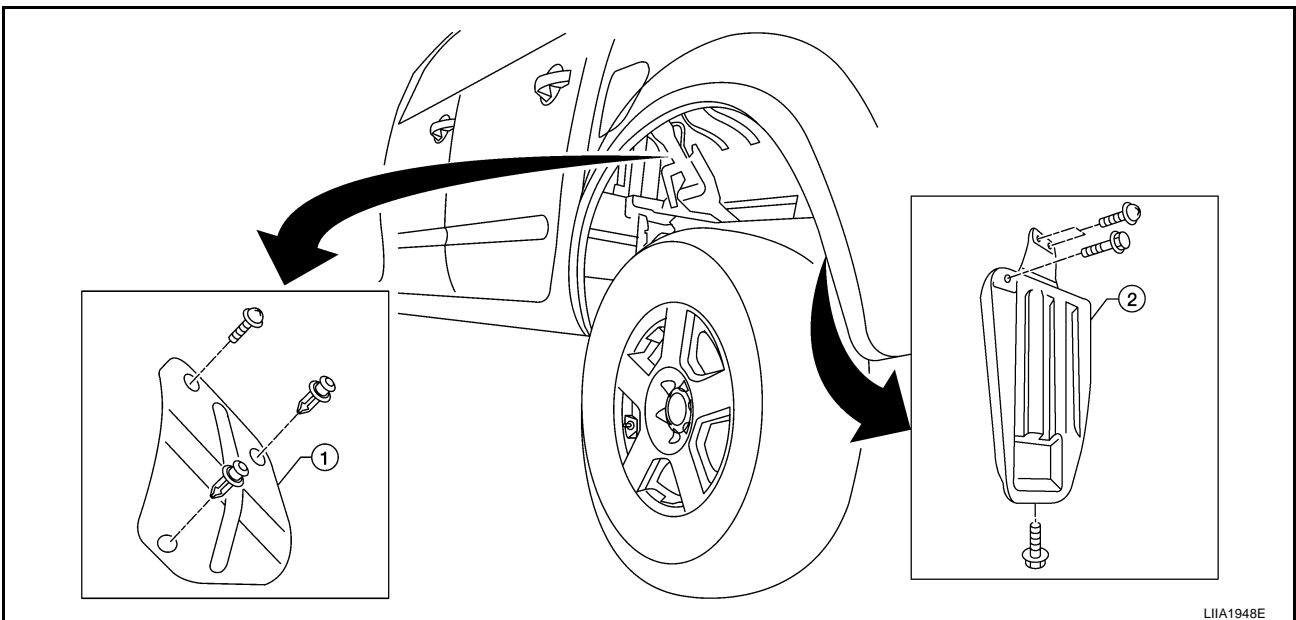
GIS0067

#### Front Fender Protector



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#### Rear Fender Protector



# FENDER PROTECTOR

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## Removal and Installation of Front Fender Protector

GIS00068

### REMOVAL

1. Remove screws, and front mudguard.
2. Remove plastic clips.
3. Remove pushpin.
4. Remove front fender protector.

### INSTALLATION

Installation is in the reverse order of removal.

## Removal and Installation of Rear Fender Protector

GIS00069

### REMOVAL

1. Remove screws.
2. Remove pushpin.
3. Remove fuel filler pipe shield or rear fender shield.

### INSTALLATION

Installation is in the reverse order of removal.

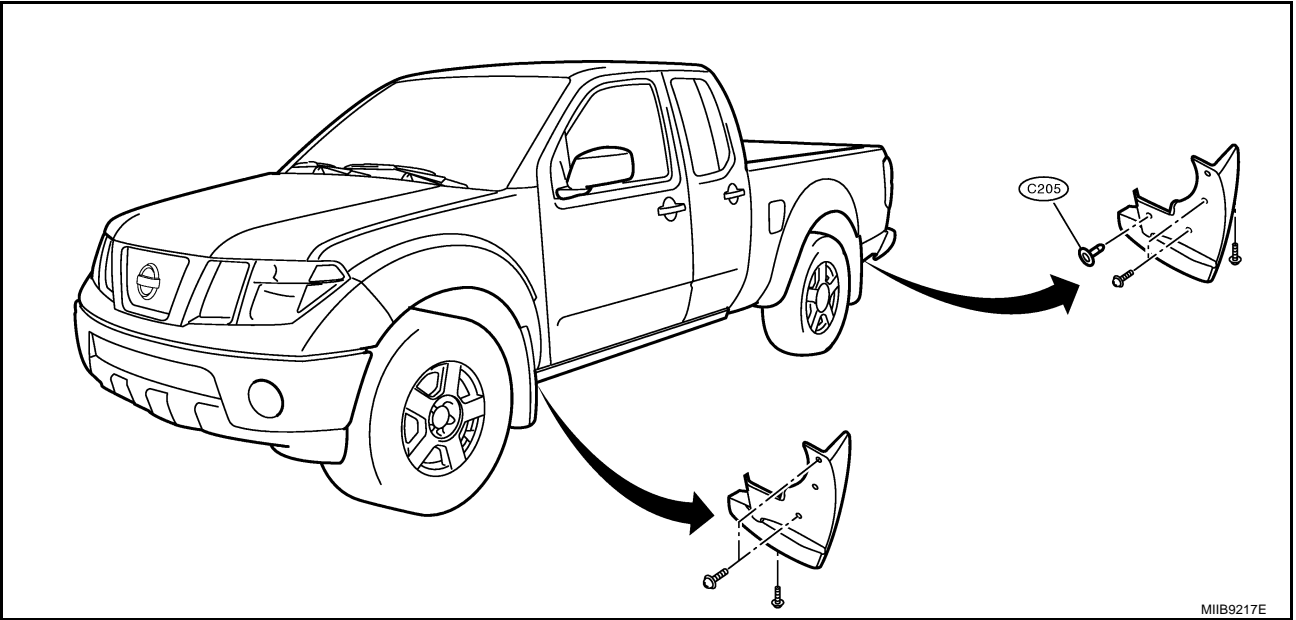
# MUDGUARD

## MUDGUARD

PPF:63854

## Removal and Installation

GIS006A



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# RUNNING BOARDS

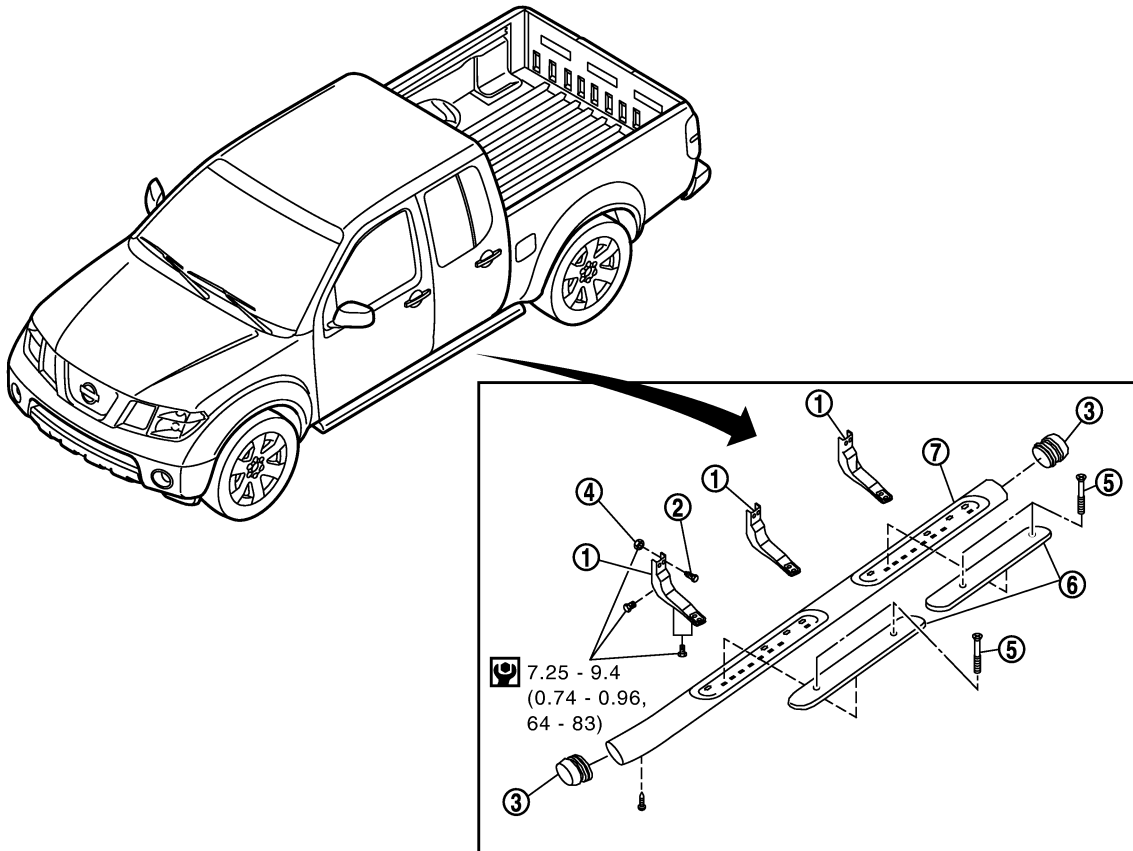
PFP:96110

## RUNNING BOARDS

### Removal and Installation

G/S0006B

SEC. 760



: N•m (kg-m, in-lb)

MIB9218E

- |                          |              |             |
|--------------------------|--------------|-------------|
| 1. Running board bracket | 2. Weld stud | 3. End cap  |
| 4. Nut                   | 5. Screw     | 6. Step pad |
| 7. Running board         |              |             |

### REMOVAL

1. Remove screws and clip, fixing mudguard, then remove it (if equipped).
2. Remove bolts and remove running board from running board brackets.
3. Remove screw and remove end cap.
4. Remove screws fixing step pad and remove step pad from running board.
5. Remove nuts and bolts and remove running board brackets.

### INSTALLATION

Installation is in the reverse order of removal.



# ROOF RACK

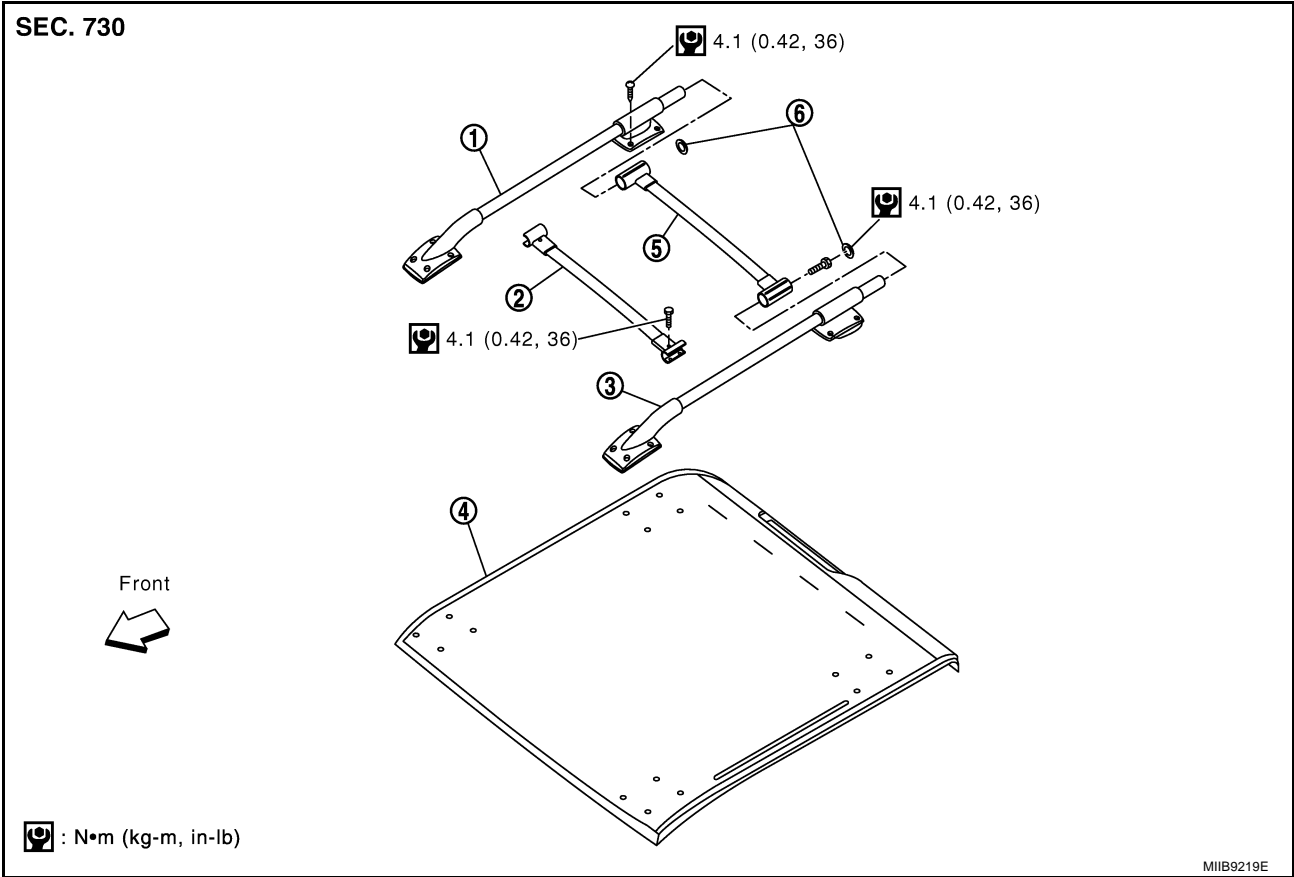
## ROOF RACK

PFP:73155

### Removal and Installation

G/S0006C

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|-----------------|-------------------|-----------------|
| 1. RH side rail | 2. Front crossbar | 3. LH side rail |
| 4. Roof panel   | 5. Rear crossbar  | 6. End cap      |

### REMOVAL

1. Remove RH/LH side rail bolts from roof panel.
2. Pry outward releasing end caps and remove from side rails.
3. Remove the bolts and remove rear crossbar from side rails.
4. Remove the bolts and remove front crossbar from side rails.

### INSTALLATION

Installation is in the reverse order of removal.

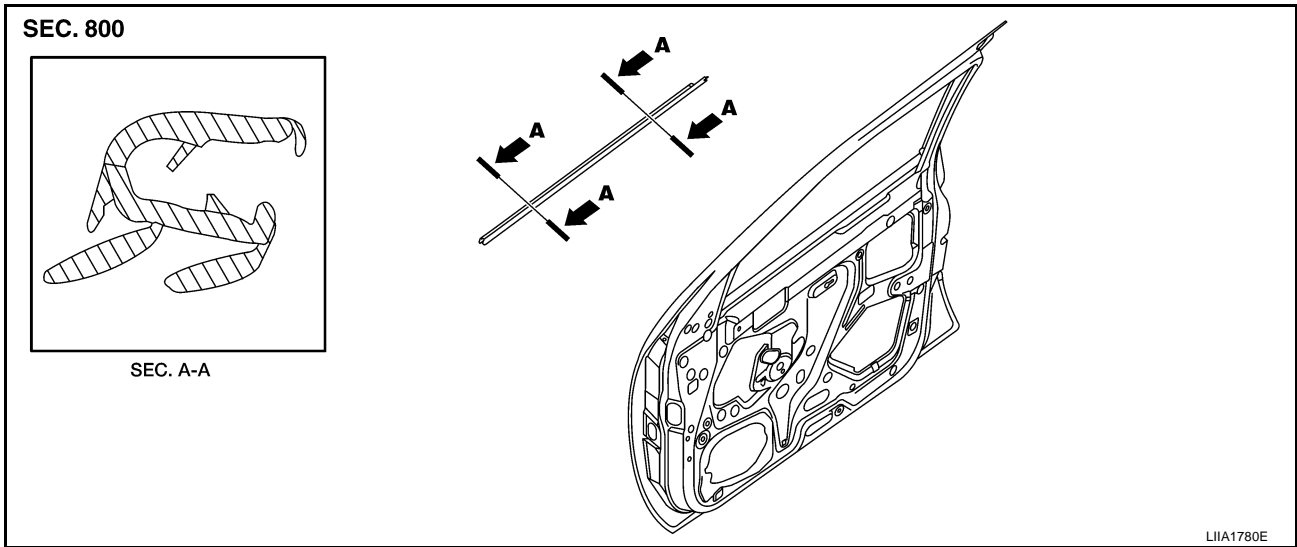
# DOOR OUTSIDE MOLDING

## DOOR OUTSIDE MOLDING

PFP:82820

### Removal and Installation

GIS0006D



### FRONT DOOR OUTSIDE MOLDING

#### Removal

1. Open the window fully.
2. Remove the door mirror. Refer to [GW-60, "Door Mirror Assembly"](#).
3. Lift molding from the front side off of flange.
4. Remove the front door outside molding.

#### Installation

Installation is in the reverse order of removal.

# SIDE GUARD MOLDING

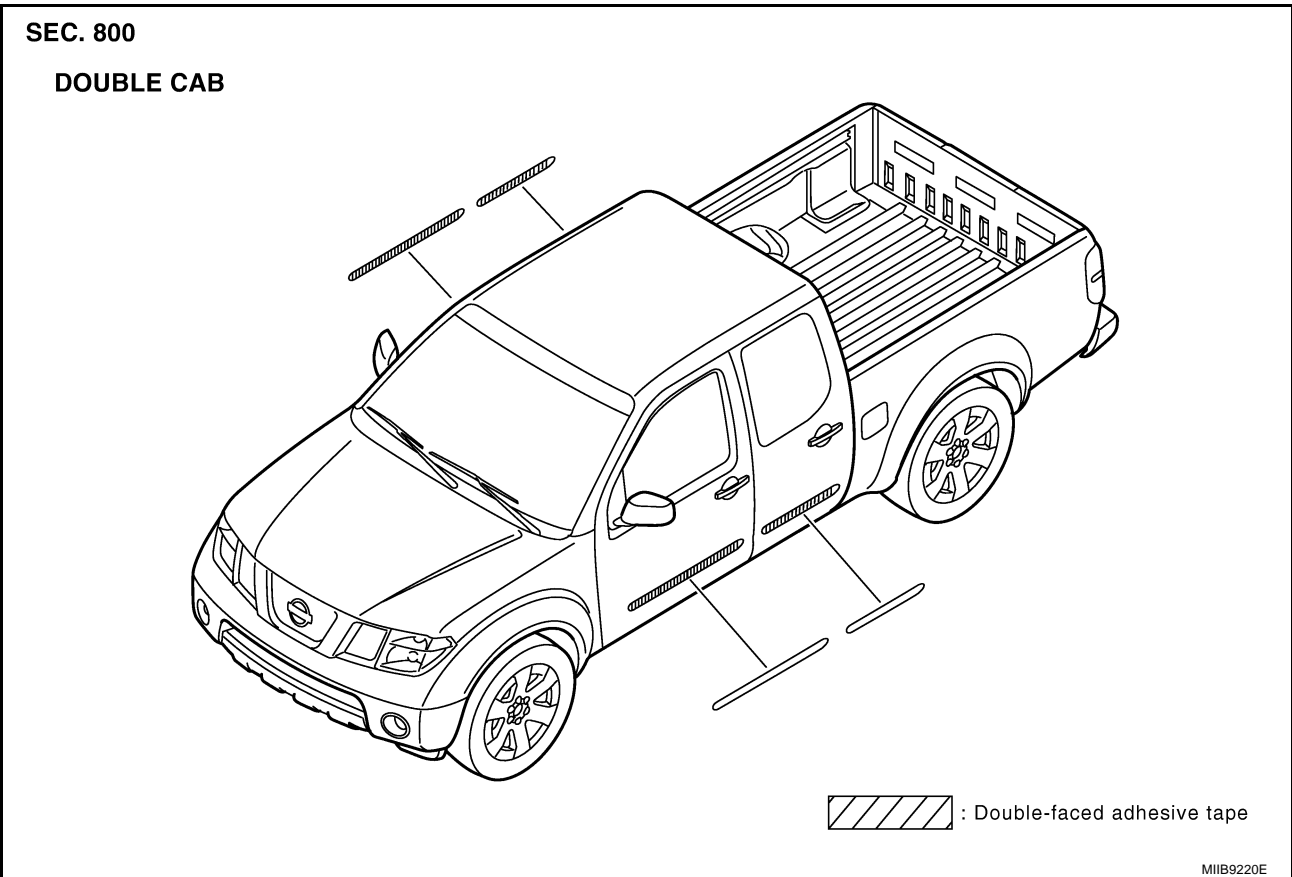
## SIDE GUARD MOLDING

PFP:76840

### Removal and Installation

GIS006E

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### REMOVAL

#### CAUTION:

Never apply tack-paper adhesive remover to body panel surface finished with lacquer-based paints.

- Original side guard molding is affixed to body panel with double-faced adhesive tape.
1. Heat molding to between 30° and 40°C (86° to 104°F) with a heat gun.
  2. Raise end of molding and cut away tape to remove molding. Remove all traces of tape.

### INSTALLATION

- On vehicles coated with Hard Clear Coat, use double-faced 3M adhesive tape Product No. 4210 or equivalent, after priming with 3M primer Product No. N200, C-100 or equivalent.
  - The repair parts are also affixed with double-faced adhesive tape.
  - To re-use existing molding, clean all traces of double sided tape from the molding and apply new double-faced tape to the molding.
1. Clean the panel surface with isopropyl alcohol or equivalent to degrease the surface.
  2. Heat the panel and molding tape surface to 30° to 40°C (86° to 104°F).
  3. Remove the backing sheet from the tape surface.
    - Align the locating pin into the hole in the outer door.
    - Continue aligning the pins into their corresponding holes in the outer door during installation.
  4. Press ends by hand and use a roller to apply 5 kg-f (11 lbs-f) to press molding to door surface.
    - Apply even pressure along molding to insure proper wet out.

#### CAUTION:

To secure contact, do not wash vehicle for 24 hours after installation.

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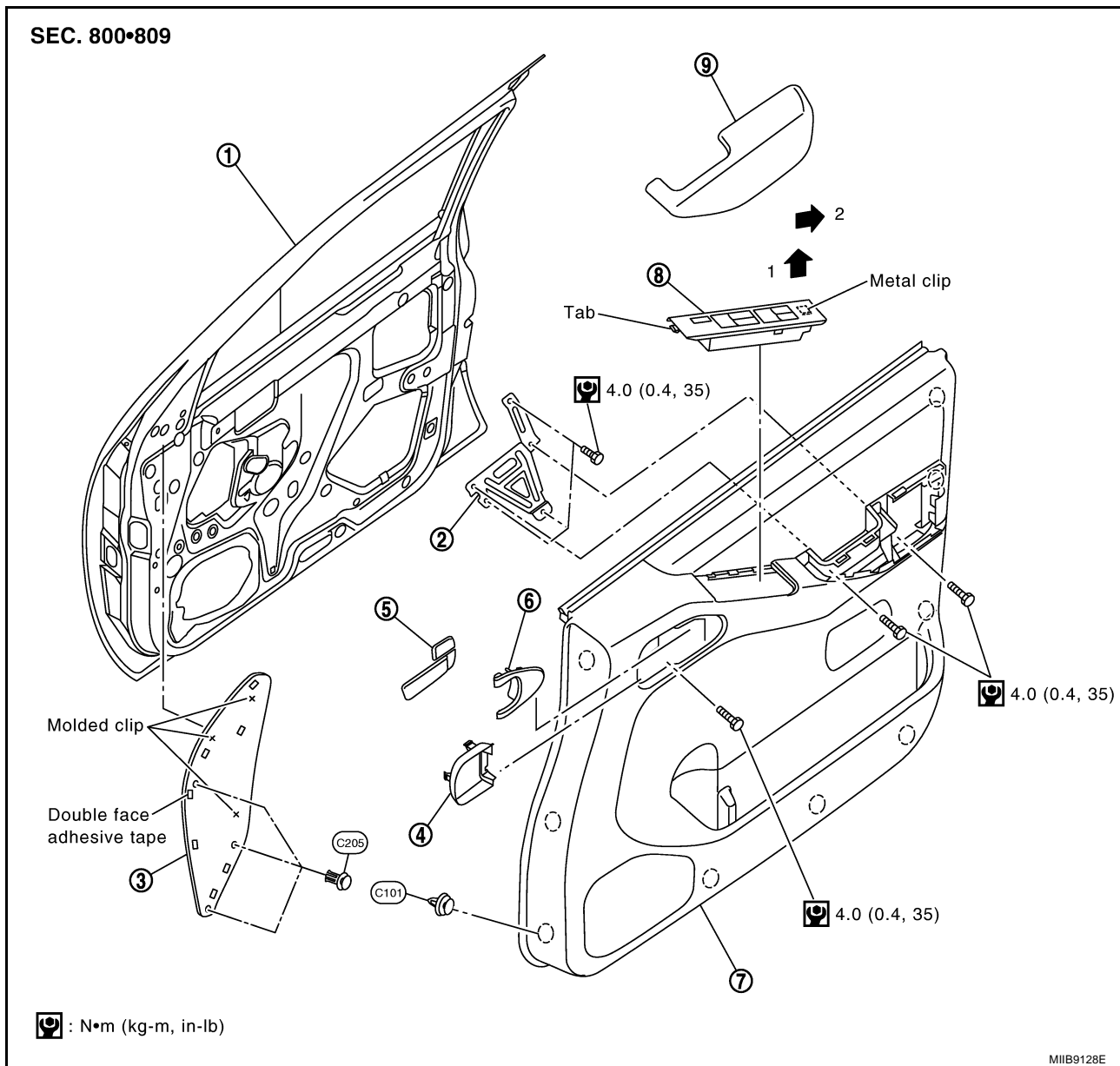
# DOOR FINISHER

PFP:80900

## DOOR FINISHER

### Removal and Installation FRONT DOOR

GIS006F



- |                                   |                                      |                          |
|-----------------------------------|--------------------------------------|--------------------------|
| 1. Front door                     | 2. Front door handle bracket         | 3. Corner cover finisher |
| 4. Pull handle escutcheon         | 5. Pull handle/lock lever assembly   | 6. Pull handle cover     |
| 7. Front door finisher (RH shown) | 8. Power window/lock switch assembly | 9. Armrest               |

### Removal

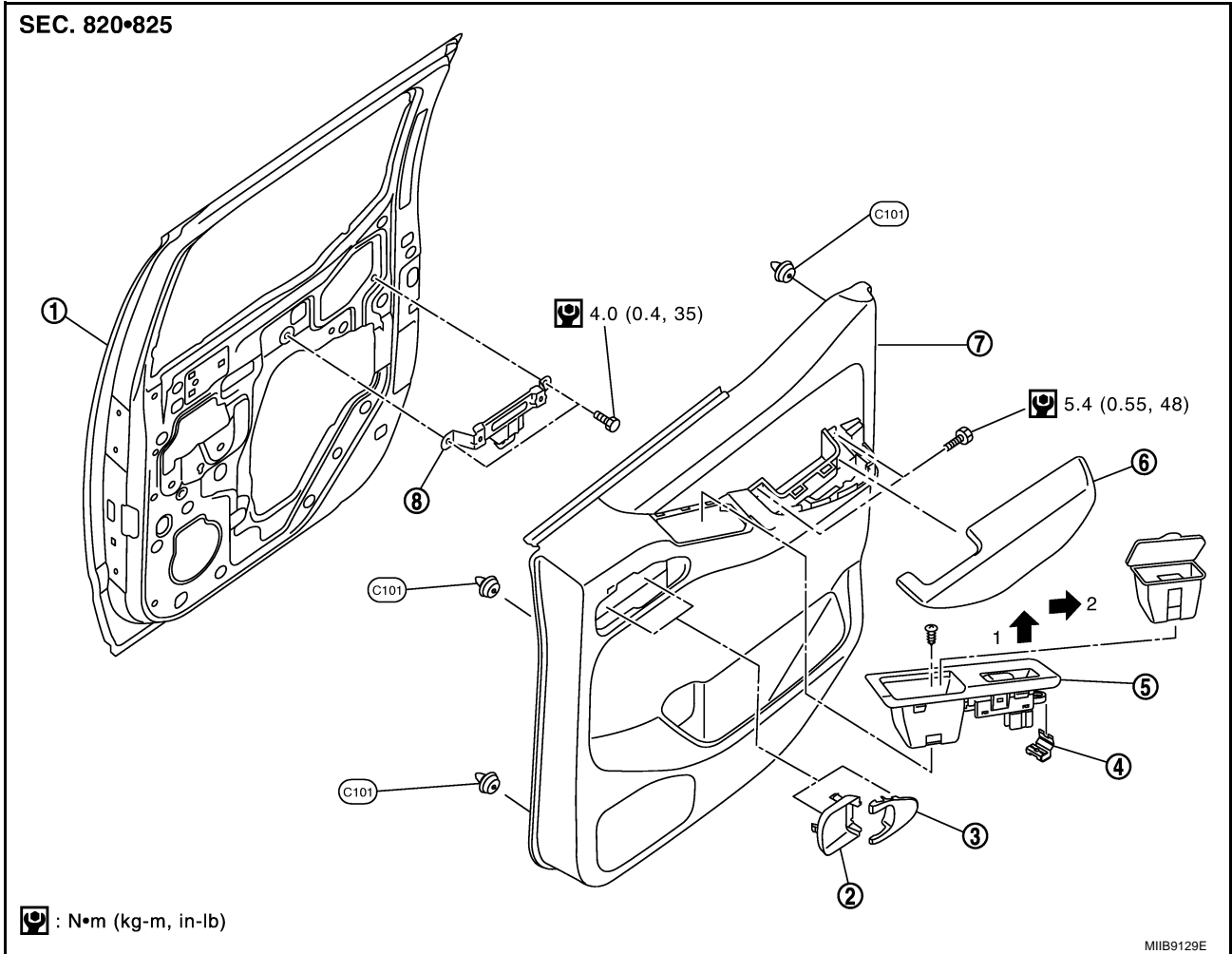
1. Remove power window switch assembly.
  - Disconnect harness connectors.
2. Remove pull handle escutcheon.
3. Remove pull handle cover, then remove door finisher screw.
4. Lift armrest upward to release clips and remove armrest.
  - Remove screws behind armrest.
5. Release clips and remove door finisher.
6. Remove screw fixing pull handle lock, then remove pull handle/lock lever assembly.
  - Disconnect lock lever cable and pull handle cable from lever assembly. Refer to [BL-71, "FRONT DOOR LOCK"](#).

# DOOR FINISHER

## Installation

Installation is in the reverse order of removal.

## REAR DOOR



- |                       |                                 |                      |
|-----------------------|---------------------------------|----------------------|
| 1. Rear door          | 2. Pull handle escutcheon       | 3. Pull handle cover |
| 4. Metal clip         | 5. Power window switch assembly | 6. Armrest           |
| 7. Rear door finisher | 8. Rear door handle bracket     |                      |

## Removal

1. Remove ashtray, then remove screw fixing power window switch assembly.
2. Remove power window switch assembly.
  - Disconnect harness connector.
3. Remove pull handle cover.
  - Remove screw behind pull handle cover.
4. Remove pull handle escutcheon.
5. Lift upward to release clips and remove armrest.
  - Remove screws behind armrest.
6. Release the clips and remove rear door finisher.
  - Disconnect the rear door tweeter.

## Installation

Installation is in the reverse order of removal.

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# BODY SIDE TRIM

GIS0006H

## Removal and installation LOWER DASH SIDE FINISHER

### Removal

1. Remove push pin from lower dash side finisher.
2. Remove front kick plate from center pillar lower finisher.
3. Remove front kick plate from dash side from lower dash side finisher.
4. Remove lower dash side finisher.

### Installation

Installation is in the reverse order of removal.

## CENTER PILLAR LOWER FINISHER

### Removal

1. Remove front and rear door welts.
2. Remove seat belt anchor. Refer to [SB-3, "SEAT BELTS"](#).
  - On RH side, remove the cover and disconnect seat belt tension sensor.
3. Remove front and rear kick plates. Refer to [EI-31, "KICK PLATES"](#).
4. Remove center pillar lower finisher.

### Installation

Installation is in the reverse order of removal.

## CENTER PILLAR UPPER FINISHER

### Removal

1. Remove front and rear door welts.
2. Remove seat belt shoulder anchor and D-ring. Refer to [SB-3, "SEAT BELTS"](#).
3. Remove front and rear kick plates. Refer to [EI-31, "KICK PLATES"](#).
4. Remove center pillar lower finisher.
5. Remove assist grip.
6. Remove center pillar upper finisher.

### Installation

Installation is in the reverse order of removal.

## FRONT PILLAR UPPER FINISHER

### Removal

1. Remove front pillar lower finisher. Refer to [EI-31, "FRONT PILLAR LOWER FINISHER"](#).
2. Remove the front pillar assist grip.
3. Remove the front pillar upper finisher bolt.
4. Remove the front pillar upper finisher.

### Installation

Installation is in the reverse order of removal.

## FRONT PILLAR LOWER FINISHER

### Removal

1. Remove front door welt and kick plate.
2. Remove the front pillar lower finisher.

### Installation

Installation is in the reverse order of removal.

## KICK PLATES

### Removal

Release clips and remove front and/or rear kick plates.

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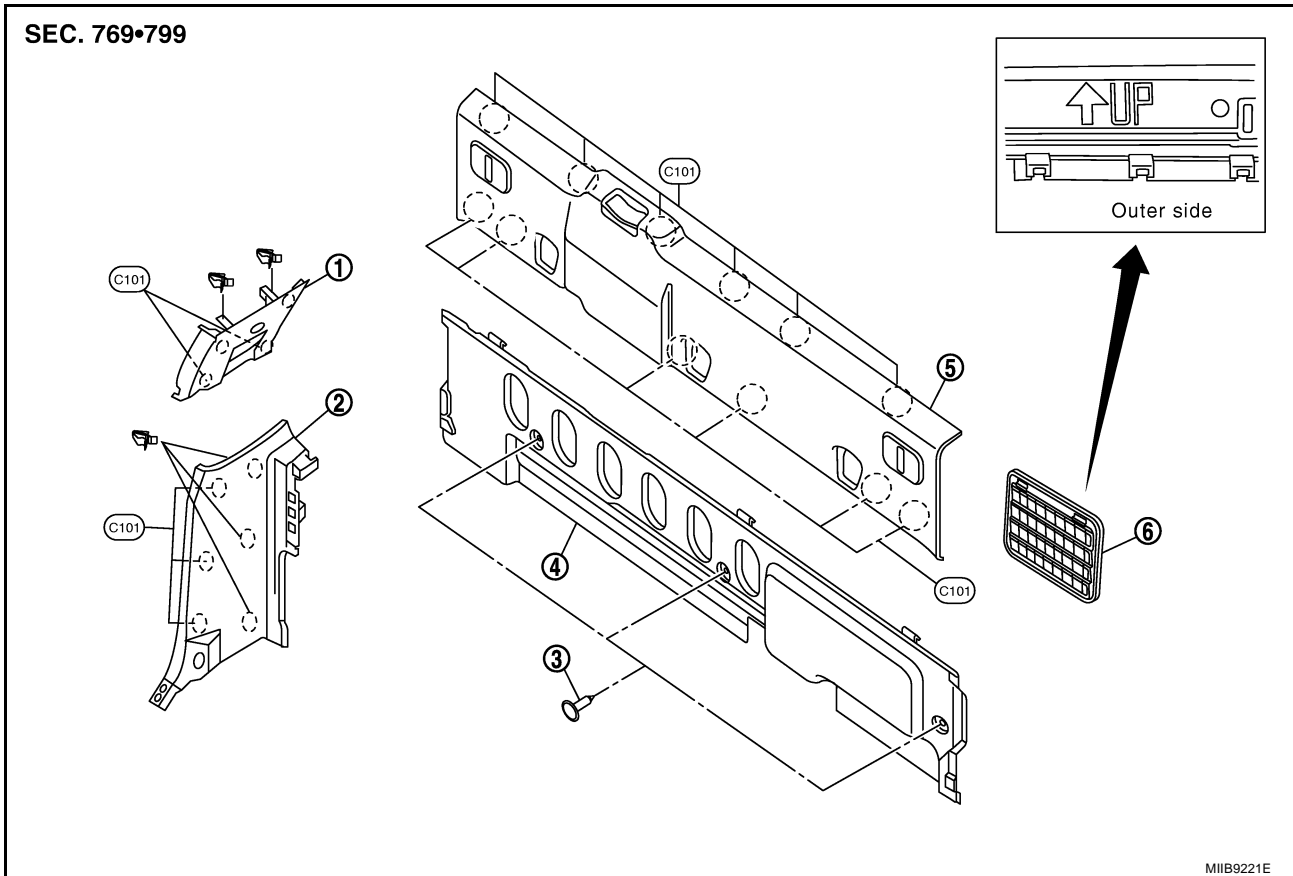
M

# BODY SIDE TRIM

## Installation

Installation is in the reverse order of removal.

## REAR



### CAUTION:

Wrap the tip of flat-bladed screwdriver with a cloth when removing metal clips from finishers.

## Removal

1. Remove rear seats. Refer to [SE-18, "Removal and Installation"](#) .
2. Remove storage boxes (if equipped). Refer to [EI-33, "FLOOR TRIM"](#) .
3. Remove rear kick plates RH/LH and seat belt anchor bolts.
4. Remove seatback latch strikers.
5. Remove child seat anchor cover (if equipped) and rear panel(s).
6. Remove first, rear lower, then rear upper finishers RH/LH.
7. Remove drafter duct(s).

## Installation

Installation is in the reverse order of removal.



# FLOOR TRIM

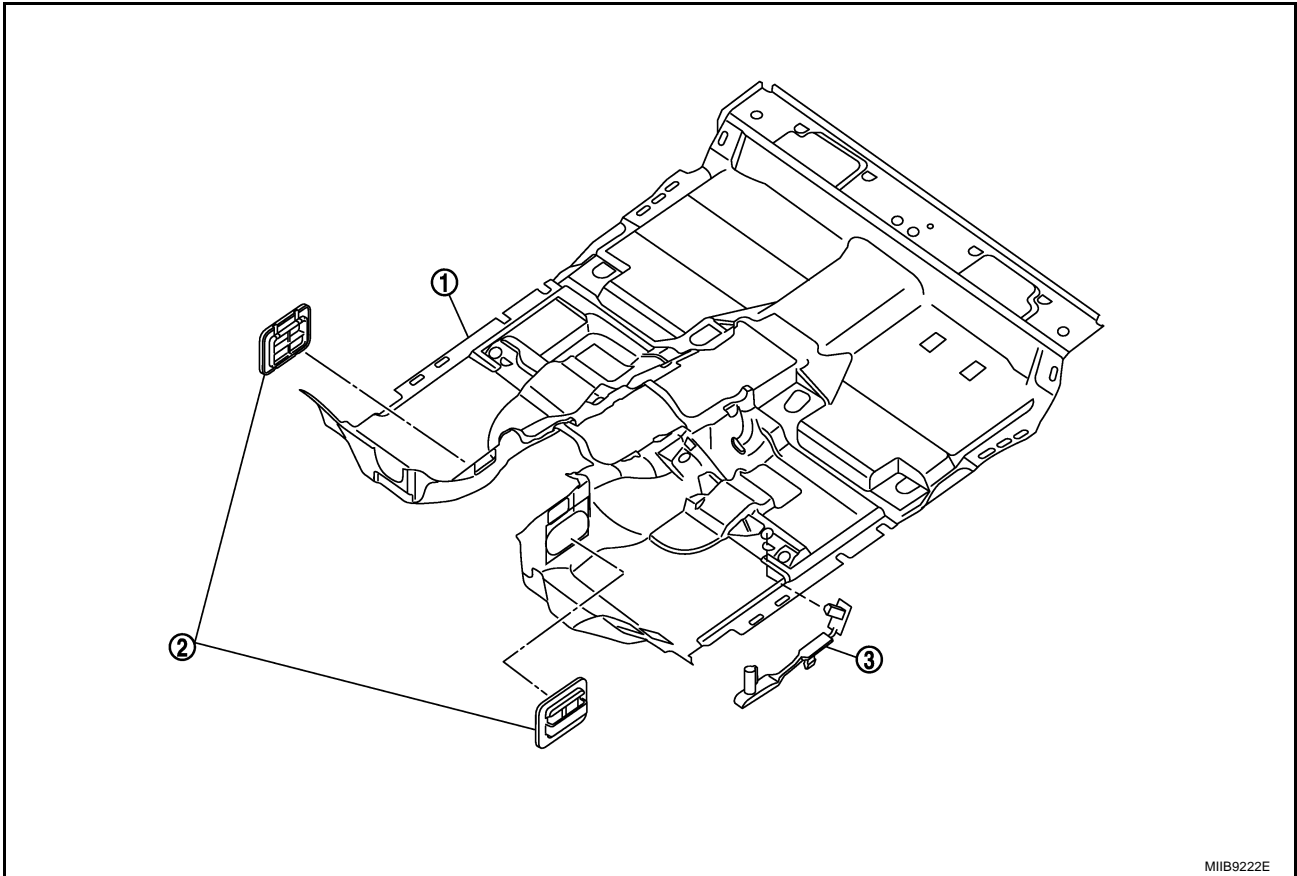
## FLOOR TRIM

PPF:74902

### Removal and Installation

GIS0006I

#### Floor Carpet



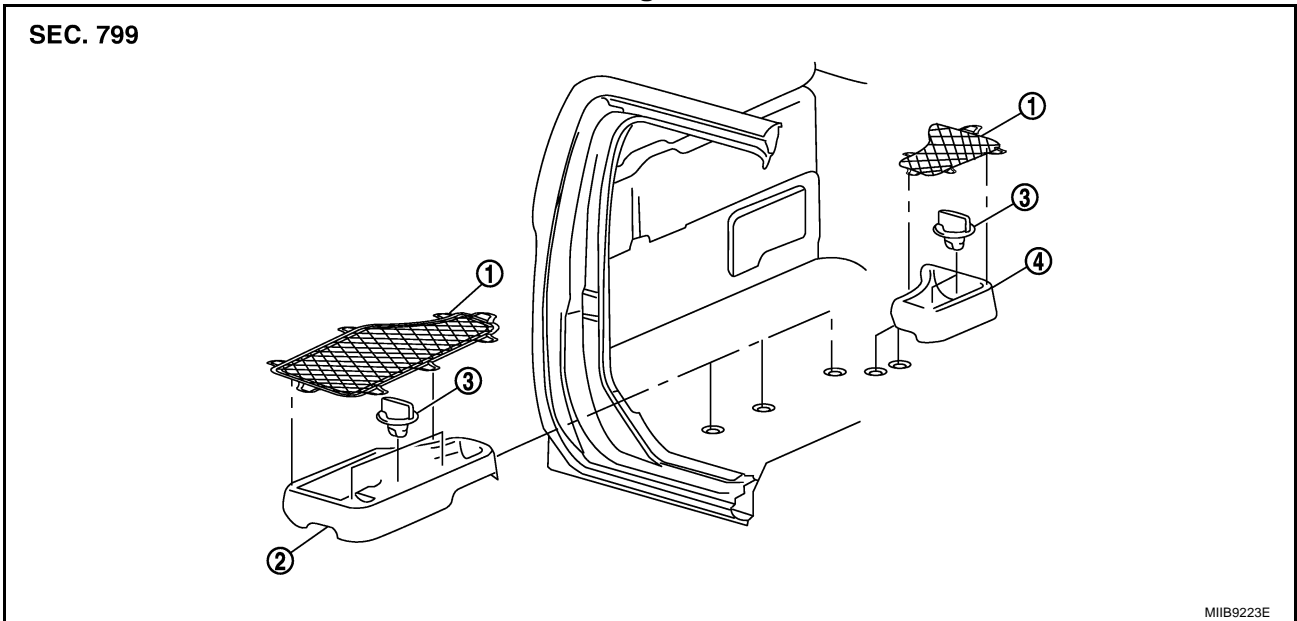
1. Floor carpet

2. Front lower duct grille

3. Floor mat hook

MIIB9222E

#### Storage Box



1. Net

2. Storage box RH

3. Locking clip

4. Storage box LH

MIIB9223E

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# FLOOR TRIM

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## REMOVAL

1. Remove front seats. Refer to [SE-10, "FRONT SEAT"](#) .
2. Remove rear seats. Refer to [SE-18, "Removal and Installation"](#) .
3. Remove storage boxes (if equipped).
4. Remove lower seat belt anchors. Refer to [SB-3, "SEAT BELTS"](#) .
5. Remove lower body side trim panels. Refer to [EI-30, "BODY SIDE TRIM"](#) .
6. Remove center console. Refer to [IP-16, "CENTER CONSOLE"](#) .
7. Remove front lower duct grille, LH and RH side.
8. Remove floor mat hooks.
9. Remove carpet.

## INSTALLATION

Installation is in the reverse order of removal.

# HEADLINING

## HEADLINING

PF7:73910

### Removal and Installation

GIS006J

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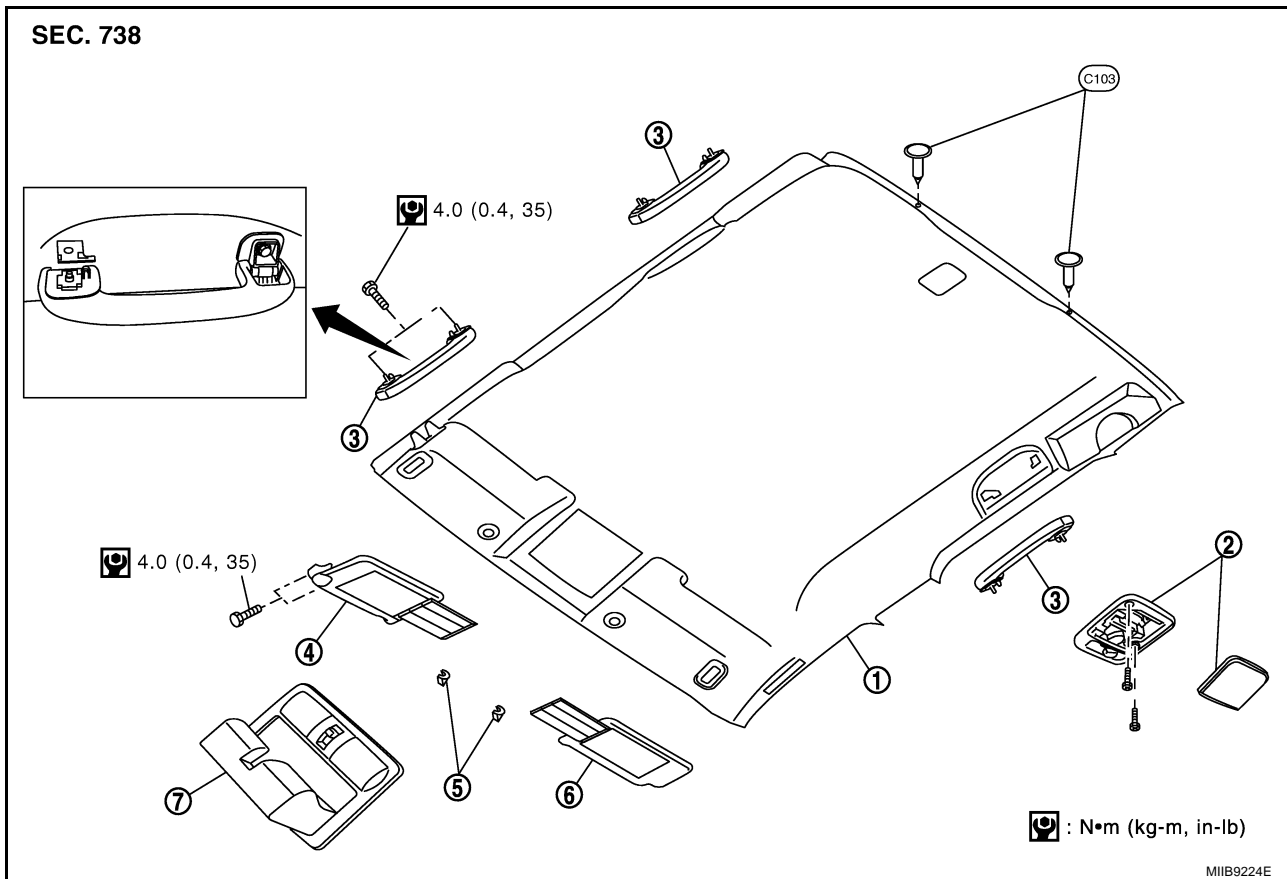
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- |   |                           |                          |
|---|---------------------------|--------------------------|
| 1. Headlining   | 2. Room lamp              | 3. Assist grip           |
| 4. Sun visor assembly LH  | 5. Sun visor holder RH/LH | 6. Sun visor assembly RH |
| 7. Roof console with front room lamp and sunglass bin (if equipped) |                           |                          |

### REMOVAL

#### CAUTION:

Disconnect both the positive and negative battery terminals in advance.

1. Remove body side trim panels. Refer to [EI-30, "BODY SIDE TRIM"](#).
2. Remove rear trim. Refer to [EI-32, "REAR"](#).
3. Remove sun visor assemblies, both LH and RH.
4. Remove sun visor holders LH and RH.
5. Remove roof console (if equipped).
  - Disconnect harness.
6. Remove room lamp.
  - Disconnect harness.
7. Remove assist grips.
8. Remove headlining.

#### NOTE:

Use an assistant to steady the headlining while lowering from roof.

- Remove clips from center of headlining (if equipped).
9. Remove assist grip brackets from roof.

### INSTALLATION

#### CAUTION:

Use only Nissan available process to fix harness with Headlining.

## HEADLINING

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Installation is in the reverse order of removal.

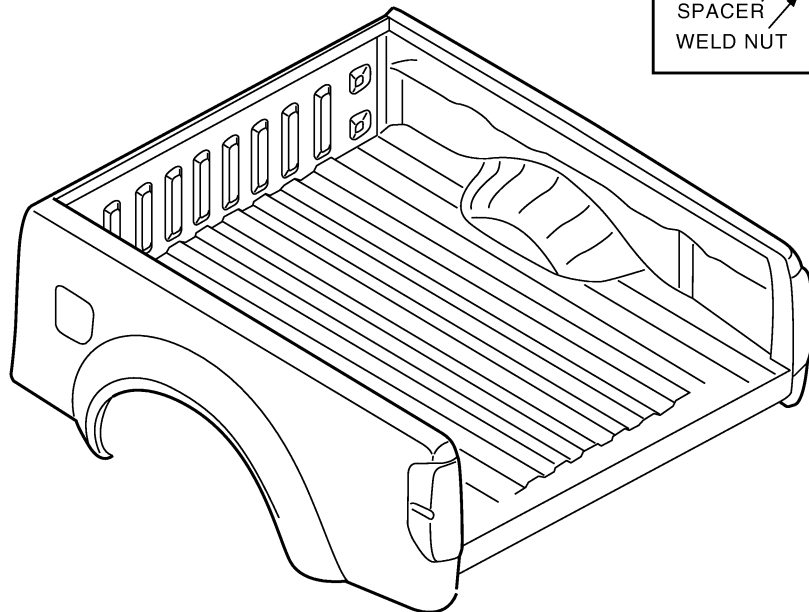
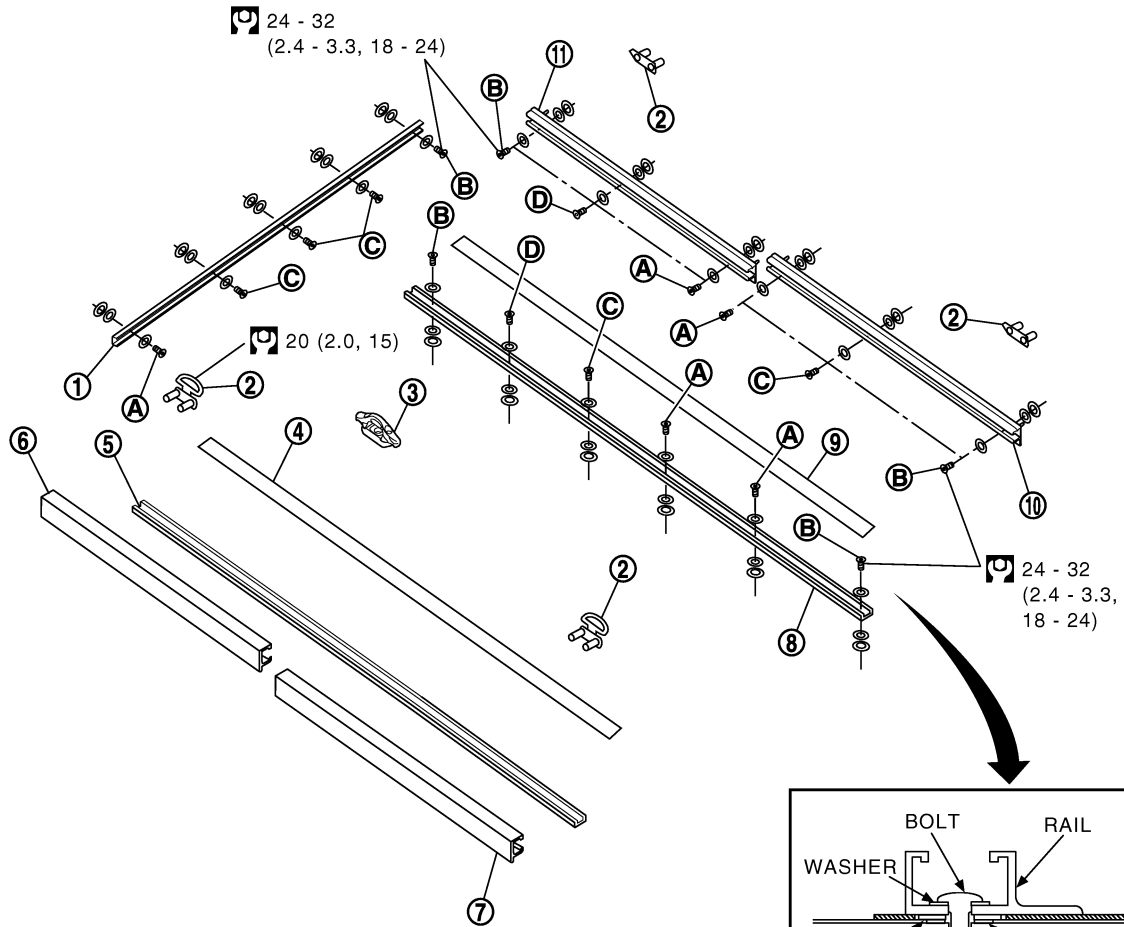
# BED RAILS AND TRIM

## BED RAILS AND TRIM Removal and Installation

PFP:84999

GIS006K

SEC. 932•935•937



- A** Tighten first
- B** Tighten second
- C** Tighten last
- D** King cab only-tighten last
- [Torque Symbol]** : N•m (kg-m, ft-lb)

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## BED RAILS AND TRIM

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- |                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| 1. Header tiedown rail            | 2. Rope hook                       | 3. Tiedown cleat                  |
| 4. Floor rail cover LH            | 5. Floor rail LH                   | 6. Bed side front tiedown rail LH |
| 7. Bed side rear tiedown rail LH  | 8. Floor rail RH                   | 9. Floor rail cover RH            |
| 10. Bed side rear tiedown rail RH | 11. Bed side front tiedown rail RH |                                   |

### REMOVAL

1. Remove floor rail covers.
2. Remove tiedown cleats.
3. Remove floor rails LH/RH.
4. Remove bed side front and rear tiedown rails LH/RH.
5. Remove rope hooks.
6. Remove header tiedown rail.

### INSTALLATION

Installation is in the reverse order of removal.

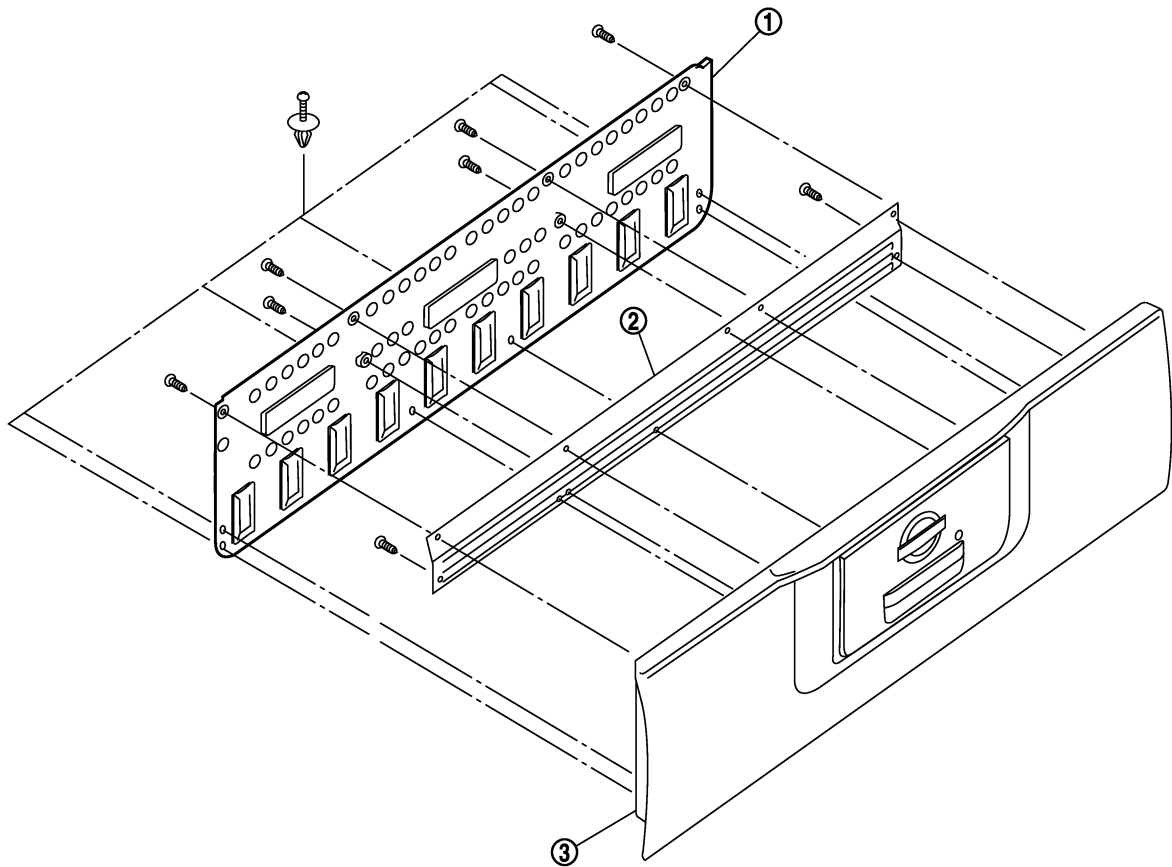
# TAIL GATE FINISHER

## TAIL GATE FINISHER Removal and Installation

PPF:93486

GIS0006L

SEC. 940



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1. Tailgate protector (if equipped)      2. Tailgate cover plate      3. Tailgate

MIB9137E

### REMOVAL

Remove screws and remove tailgate protector (if equipped) and tailgate cover plate.

### INSTALLATION

Installation is in the reverse order of removal.

# TAIL GATE FINISHER

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