

SECTION EI
EXTERIOR & INTERIOR

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PRECAUTIONS

PRECAUTIONS

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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. 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 and SB section of this Service Manual.

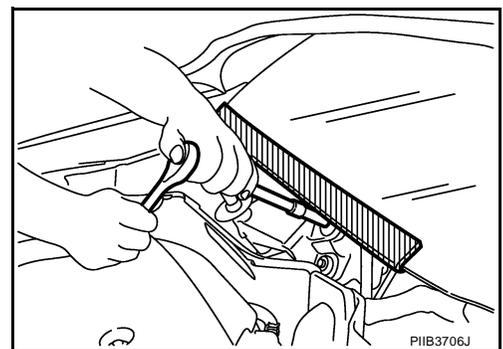
WARNING:

- 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

EIS009A7

- When removing or disassembling any part, be careful not to damage or deform it. Protect parts which may get in the way with cloth.
- When removing parts with a screwdriver or other tool, protect parts by wrapping them with vinyl or tape.
- Keep removed parts protected with cloth.
- If a clip is deformed or damaged, replace it.
- If an un reusable part is removed, replace it with a new one.
- Tighten bolts and nuts firmly to the specified torque.
- After re-assembly has been completed, make sure each part functions correctly.
- Remove stains in the following way.
 - Water-soluble stains:
Dip a cloth in warm water, and squeeze tightly. After wiping the stain, wipe with a soft dry cloth.
 - Oil stain:
Dissolve a synthetic detergent in warm water (density of 2 to 3% or less), dip the cloth, then clean off the stain with the cloth. Next, dip the soft cloth in fresh water, and then squeeze it tightly. Then clean off the detergent completely. Then wipe the area with a soft dry cloth.
- Do not use any organic solvent, such as thinner or benzine.
- When performing procedures that require removal of the cowl top, cover the lower end of the windshield with a suitable protection material.



PREPARATION

PREPARATION

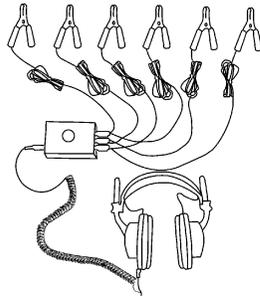
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Special Service Tools

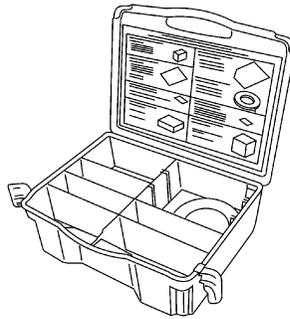
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The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
— (J-39570) Chassis ear	Locating the noise
— (J-43980) NISSAN Squeak and Rattle kit	Repairing the cause of noise



SBT839

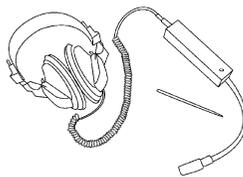


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Commercial Service Tools

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Tool number (Kent-Moore No.) Tool name	Description
— (J-39565) Engine ear	Locating the noise



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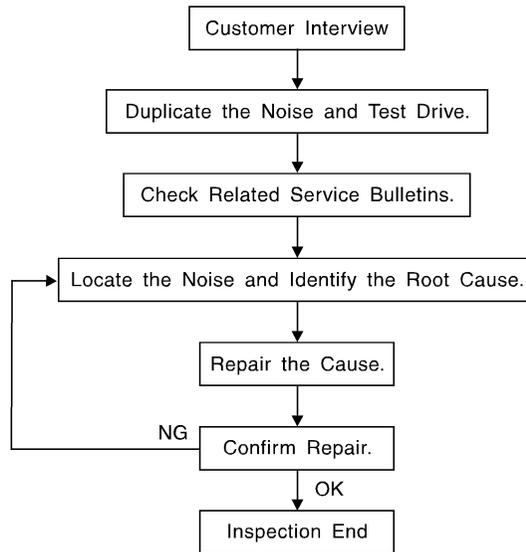
SQUEAK AND RATTLE TROUBLE DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

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Work Flow

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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-9, "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 bumblebee)
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 DIAGNOSIS

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:

- Close a door.
- Tap or push/pull around the area where the noise appears to be coming from.
- Rev the engine.
- Use a floor jack to recreate vehicle "twist".
- At idle, apply engine load (electrical load, half-clutch on M/T model, drive position on A/T model).
- 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 (Chassis Ear: J-39570, Engine Ear: J-39565 and mechanics 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. A NISSAN Squeak and Rattle Kit (J-43980) is available through your authorized NISSAN Parts Department.

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.

The following materials are contained in the NISSAN Squeak and Rattle Kit (J-43980). Each item can be ordered separately as needed.

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

76268-9E005: 100 x 135 mm (3.94 x 5.31 in)/76884-71L01: 60 x 85 mm (2.36 x 3.35 in)/76884-71L02: 15 x 25 mm (0.59 x 0.98 in)

INSULATOR (Foam blocks)

Insulates components from contact. Can be used to fill space behind a panel.

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

73982-9E000: 45 mm (1.77 in) thick, 50 x 50 mm (1.97 x 1.97 in)/73982-50Y00: 10 mm (0.39 in) thick, 50 x 50 mm (1.97 x 1.97 in)

INSULATOR (Light foam block)

80845-71L00: 30 mm (1.18 in) thick, 30 x 50 mm (1.18 x 1.97 in)

FELT CLOTH TAPE

Used to insulate where movement does not occur. Ideal for instrument panel applications.

68370-4B000: 15 x 25 mm (0.59 x 0.98 in) pad/68239-13E00: 5 mm (0.20 in) wide tape roll

The following materials, not found in the kit, can also be used to repair squeaks and rattles.

UHMW (TEFLON) TAPE

Insulates where slight movement is present. Ideal for instrument panel applications.

SILICONE GREASE

Used in place of UHMW tape that will be visible or not fit.

Note: Will only last a few months.

SILICONE SPRAY

Use when grease cannot be applied.

DUCT TAPE

Use to eliminate movement.

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

EIS009AB

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
3. Instrument panel to front pillar garnish
4. Instrument panel to windshield
5. Instrument panel 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

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the NISSAN Squeak and Rattle Kit (J-43980) to repair the noise.

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.

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 installed on the engine wall
2. Components that pass through the engine wall
3. Engine wall mounts and connectors
4. Loose radiator 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.

SQUEAK AND RATTLE TROUBLE DIAGNOSIS

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Diagnostic Worksheet

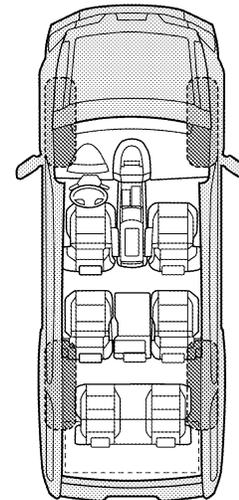
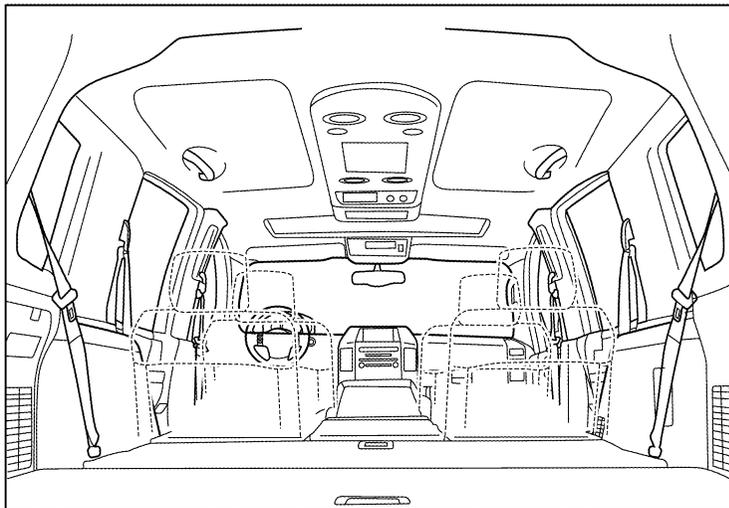
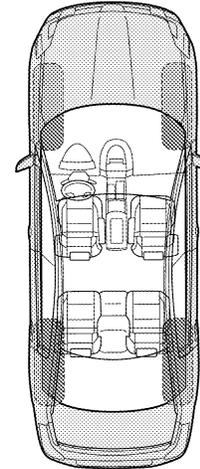
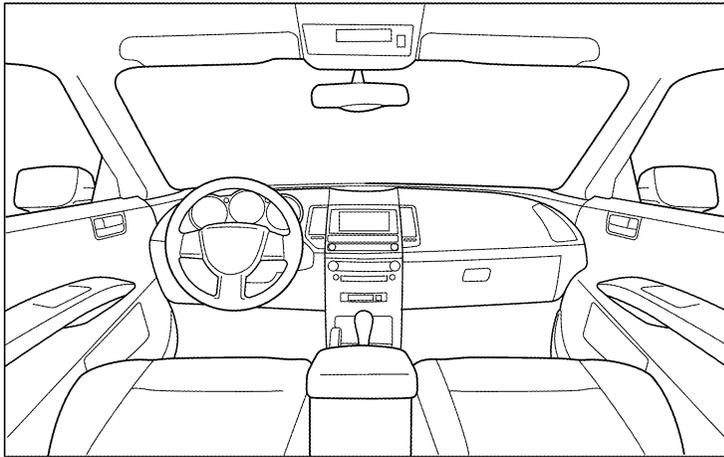
Dear Customer:

We are concerned about your satisfaction with your vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your vehicle 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.

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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 page 2 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.

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SQUEAK AND RATTLE TROUBLE DIAGNOSIS

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

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

- | | |
|---|--|
| <input type="checkbox"/> Anytime | <input type="checkbox"/> After sitting out in the rain |
| <input type="checkbox"/> 1st 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 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 at the 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:

	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: _____

This form must be attached to Work Order

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CLIP AND FASTENER

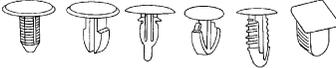
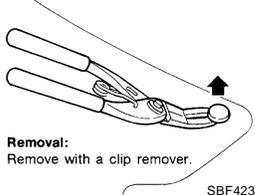
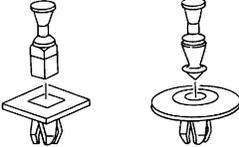
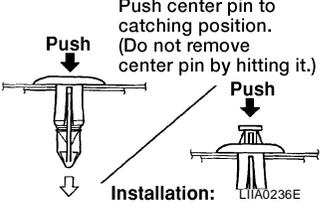
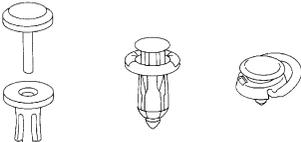
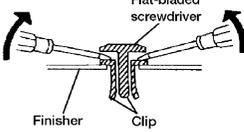
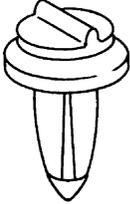
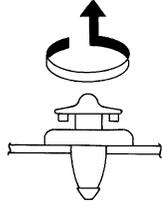
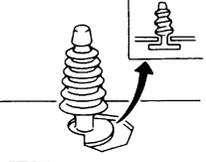
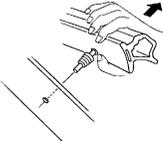
CLIP AND FASTENER

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Description

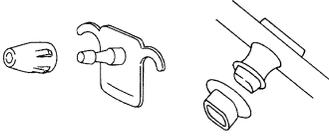
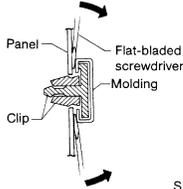
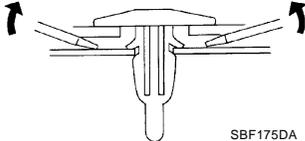
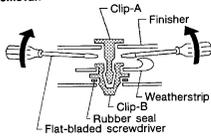
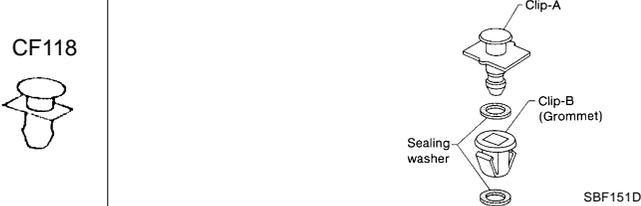
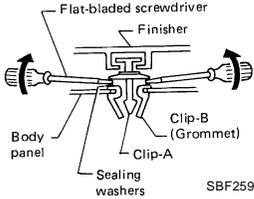
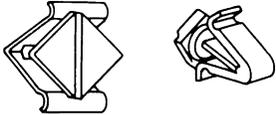
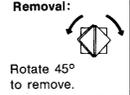
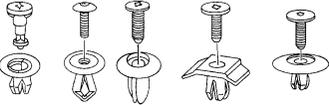
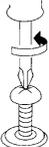
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- Clips and fasteners in EI section correspond to the following numbers and symbols.
- Replace any clips and/or fasteners which are damaged during removal or installation.

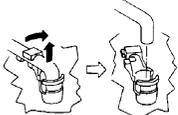
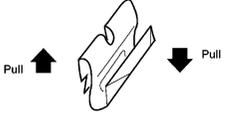
Symbol No.	Shapes	Removal & Installation
C101 	 SBF302H	Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.  SBF367BA
C103 	 SBT095	Removal: Remove with a clip remover.  SBF423H
C203 	 SBF258G	Push Push center pin to catching position. (Do not remove center pin by hitting it.) Installation:  L11A0236E
C205 	 MBT080A	Removal:  SBF638CA
C206 	 MBF519B	 MBF520B
CE103 	 SBF104B	Removal:  SBF147B

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CLIP AND FASTENER

Symbol No.	Shapes	Removal & Installation
CE107	 <p style="text-align: center;">SBF411H</p>	 <p style="text-align: right;">SBF767B</p>
CE117	 <p style="text-align: center;">SBF174D</p>	<p>Removal: Remove by bending up with a flat-bladed screwdriver or pliers.</p>  <p style="text-align: right;">SBF175DA</p>
CF110	 <p style="text-align: center;">SBF648B</p>	<p>Removal:</p>  <p style="text-align: right;">SBF649B</p>
CF118	 <p style="text-align: center;">SBF151D</p>	<p>Removal:</p>  <p style="text-align: right;">SBF259G</p>
CG101	 <p style="text-align: center;">SBF145B</p>	<p>Removal:</p>  <p style="text-align: center;">Rotate 45° to remove.</p> <p>Installation:</p>  <p>Removal:</p>  <p style="text-align: right;">SBF085B</p>
CS101	 <p style="text-align: center;">SBF078B</p>	<p>Removal:</p> <ol style="list-style-type: none"> Screw out with a Phillips screwdriver. Remove female portion with flat-bladed screwdriver.  <p style="text-align: right;">SBF992G</p>

CLIP AND FASTENER

Symbol No.	Shapes	Removal & Installation
CR103	 <p style="text-align: center;">SBF768B</p>	<p>Removal: Holder portion of clip must be spread out to remove rod.</p>  <p style="text-align: center;">SBF770B</p>
Metal Clip	 <p style="text-align: center;">WBT072</p>	<p>Removal:</p>  <p style="text-align: center;">WBT073</p>

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EI

FRONT BUMPER

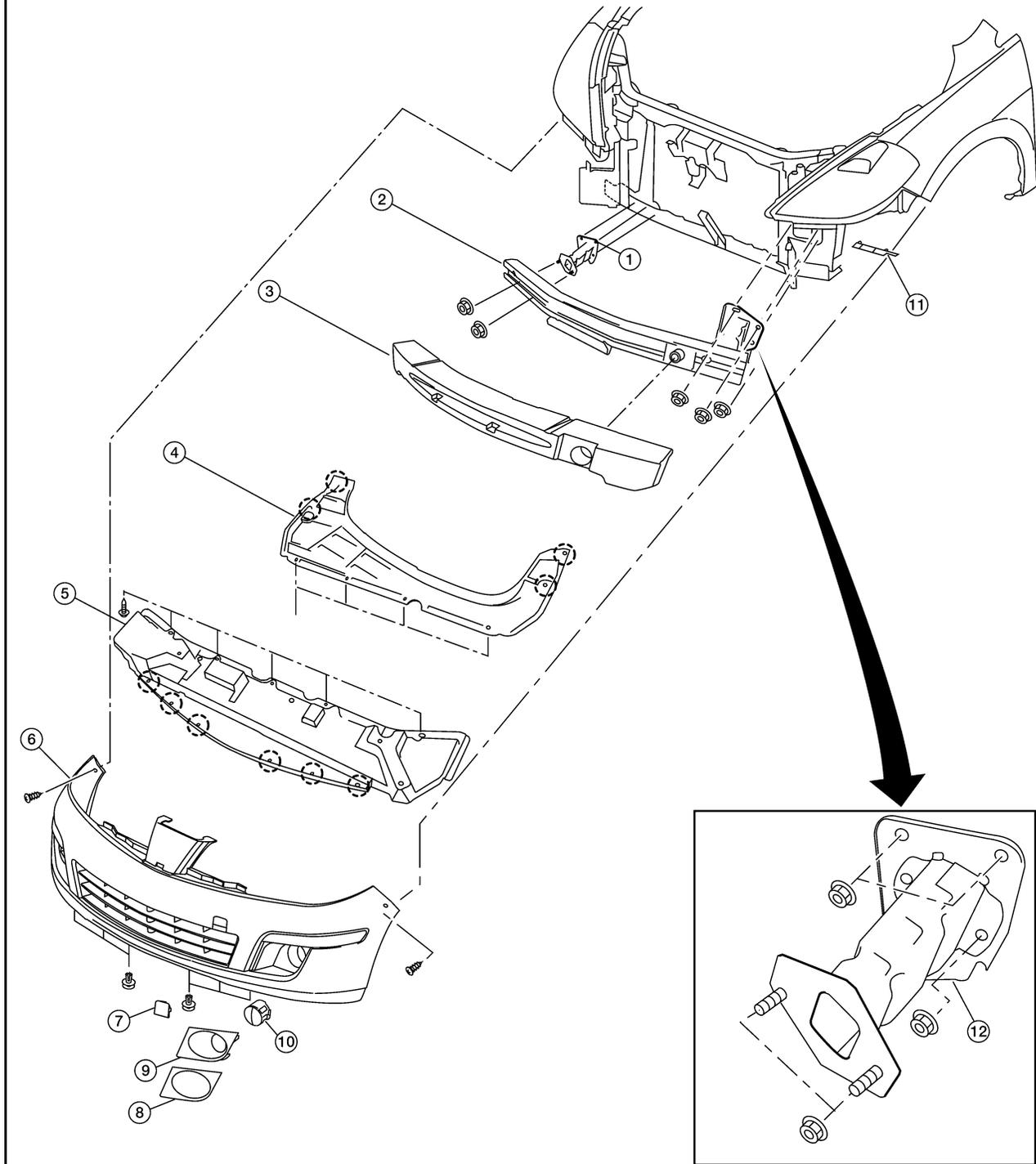
FRONT BUMPER

PFP:F2022

Removal and Installation

EIS0096K

SEC.620



LIA2562E

- | | | |
|-----------------------|--|---|
| 1. Bumper stay RH | 2. Bumper reinforcement (production) | 3. Bumper energy absorber |
| 4. Engine undercover | 5. Front valance | 6. Front bumper fascia |
| 7. Access cover | 8. Fog lamp opening finisher (without fog lamps) | 9. Fog lamp opening finisher (with fog lamps) |
| 10. Fog lamp assembly | 11. Bumper side retainer | 12. Bumper stay LH (service) |

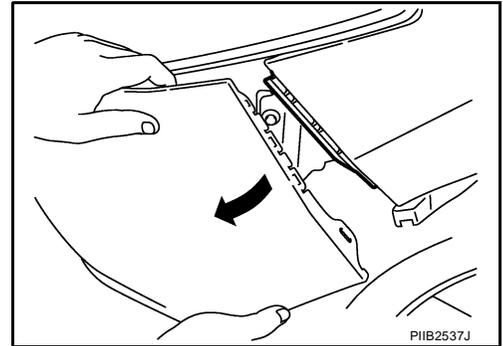
FRONT BUMPER

CAUTION:

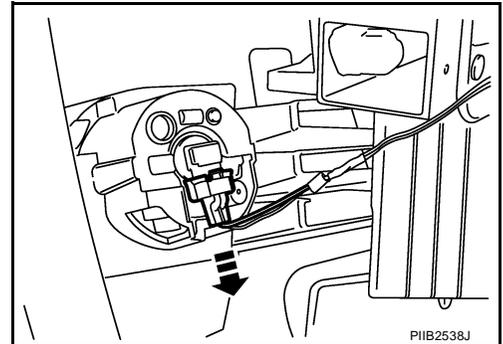
Bumper fascia is made of resin. Do not apply strong force to it, and be careful to prevent contact with oil.

REMOVAL

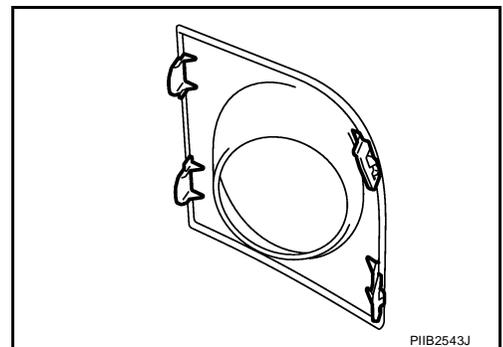
1. Open hood.
2. Remove front grille. Refer to [EI-19, "FRONT GRILLE"](#).
3. Remove front fender protectors RH/LH. Refer to [EI-22, "FENDER PROTECTOR"](#).
4. Remove front valance and engine undercover.
5. Remove screws of front bumper fascia RH/LH.
6. Pull the outboard edge of front bumper fascia away from vehicle to disengage from the bumper side retainer.



7. Disconnect fog lamp harness connector RH/LH (if equipped).
8. Remove the front bumper fascia.



9. Remove fog lamp opening finisher and fog lamp assembly RH/LH (if equipped). Refer to [LT-50, "Removal and Installation"](#).
10. Remove bumper energy absorber.



11. Remove RH/LH air guide mounting clips of bumper reinforcement.
12. Remove the nuts, then remove bumper reinforcement and bumper stay(s):
 - For production, bumper stay LH is part of bumper reinforcement.
 - For service, bumper stay RH/LH are separate assemblies.
13. Remove bumper side bracket RH/LH after front bumper fascia removal.

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FRONT BUMPER

INSTALLATION

Installation is in the reverse order of removal.

REAR BUMPER

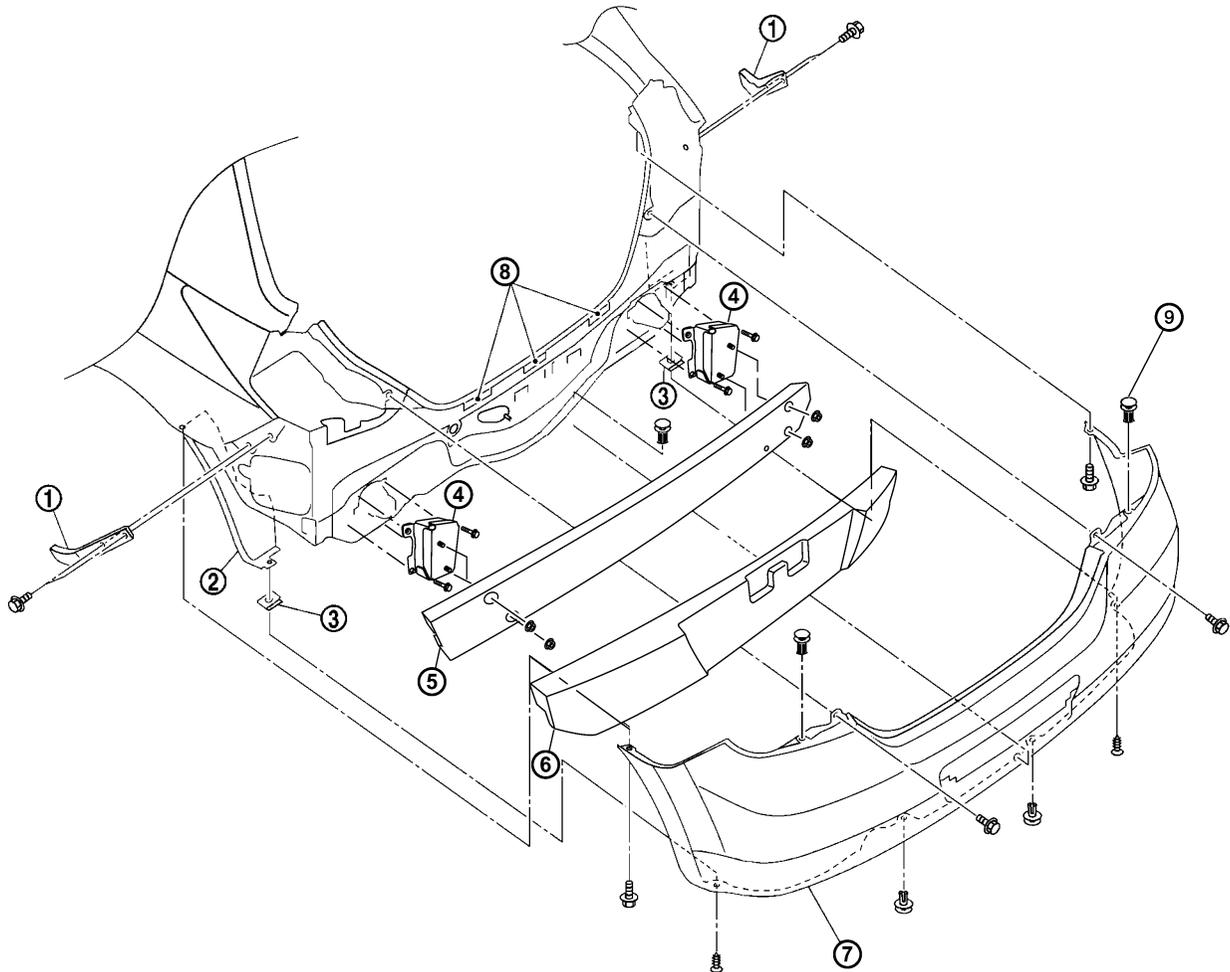
REAR BUMPER

PFPH5022

Removal and Installation

EIS0096L

SEC. 850



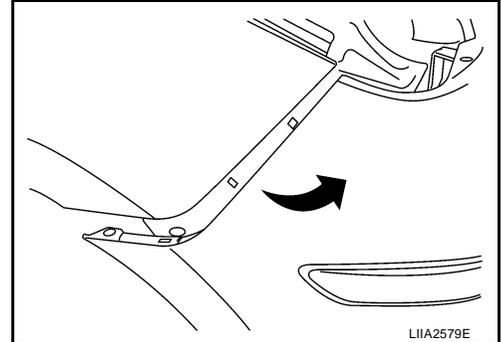
- | | | |
|---------------------------------|-------------------------------|--------------------------|
| 1. Bumper side bracket | 2. Rear bumper closing | 3. Spring nut |
| 4. Bumper reinforcement bracket | 5. Rear bumper reinforcement | 6. Energy absorbing foam |
| 7. Rear bumper fascia | 8. Rear bumper upper retainer | 9. Clip C205 |

LIA2563E

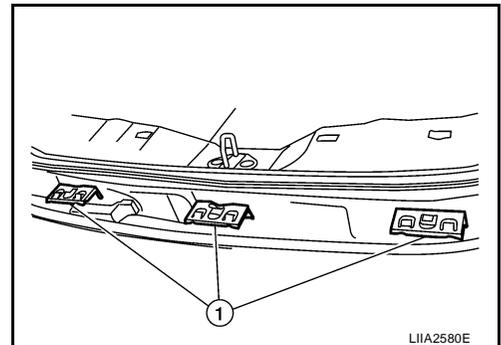
REAR BUMPER

REMOVAL

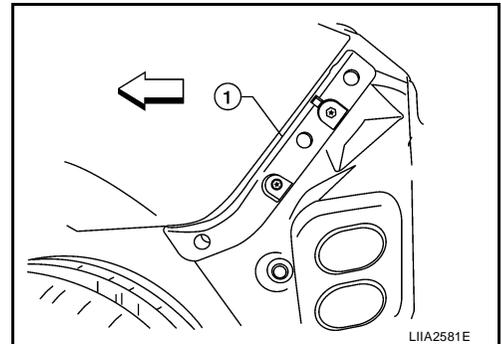
1. Open back door.
2. Remove rear combination lamp RH/LH. Refer to [LT-87, "Removal and Installation"](#) .
3. Remove rear bumper fascia lower clips and screws RH/LH.
4. Remove rear fender protector. Refer to [EI-22, "FENDER PROTECTOR"](#) .
5. Pull the rear bumper fascia side outward to disengage the bumper side bracket.



6. Remove rear bumper fascia upper clips and screws.
7. Release rear bumper upper retainer, then pull rear bumper fascia outward away from rear of vehicle.



8. Disconnect license lamp connector.
9. Remove energy absorbing foam and rear bumper reinforcement.
10. Remove the screws, then remove the rear bumper closing RH/LH and rear bumper fascia.
11. Remove the bumper side bracket (1) RH/LH.



INSTALLATION

Installation is in the reverse order of removal.

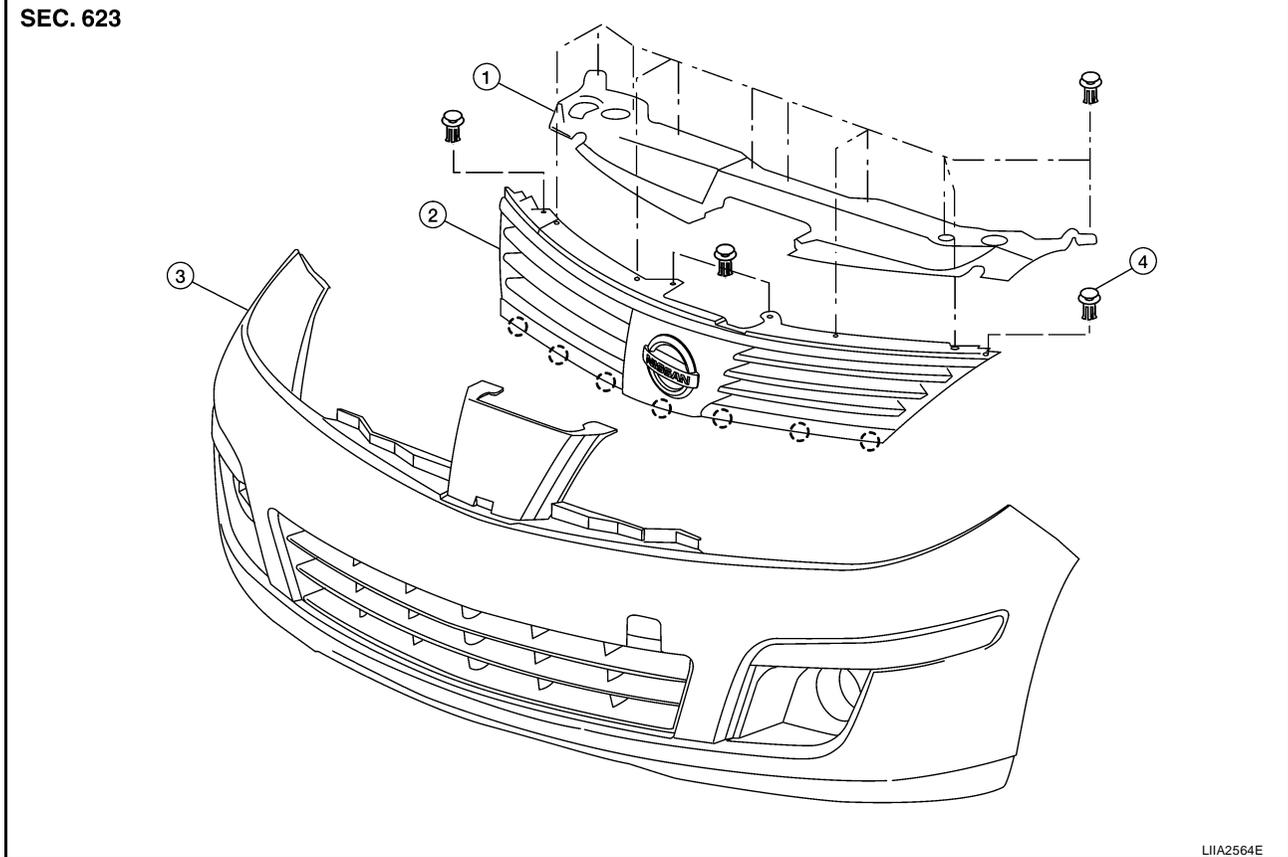
FRONT GRILLE

FRONT GRILLE

PFP:62310

Removal and Installation

EIS0096N



1. Upper radiator cover

2. Front grille

3. Front bumper fascia

4. Clip C205

○ Pawl

REMOVAL

1. Open hood assembly.
2. Remove the clips, then remove upper radiator cover.
3. Remove the upper clips and release the lower pawls, then pull outward to remove the front grille.

INSTALLATION

Installation is in the reverse order of removal.

COWL TOP

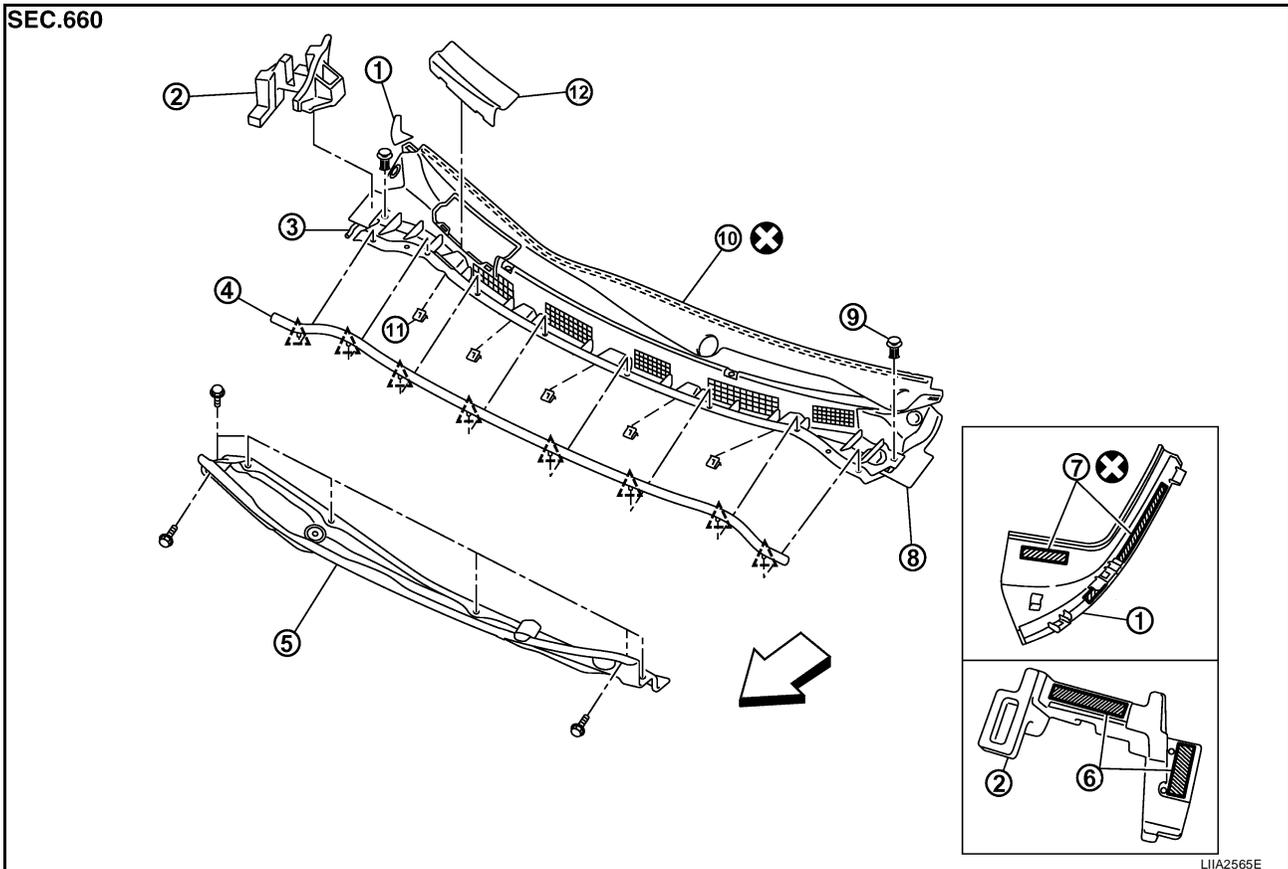
COWL TOP

PF6:66100

Removal and Installation

EIS00960

SEC.660

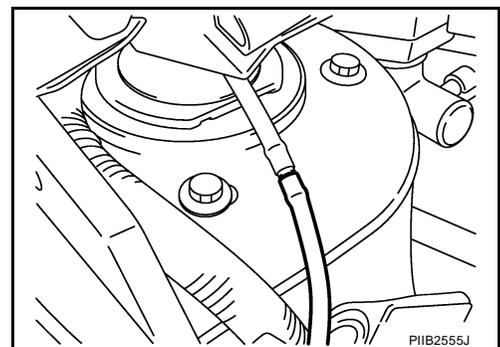


LIA2565E

- | | | |
|-------------------------------|-------------------------|-----------------------|
| 1. Fender cover | 2. Fender seal | 3. Washer tube |
| 4. Cowl top seal | 5. Cowl extension panel | 6. Dual lock fastener |
| 7. Double-faced adhesive tape | 8. Cowl top cover | 9. Clip C205 |
| 10. EPT sealer | 11. Cowl extension clip | 12. Cover |
| △ Clip CE103 | ← Vehicle front | |

REMOVAL

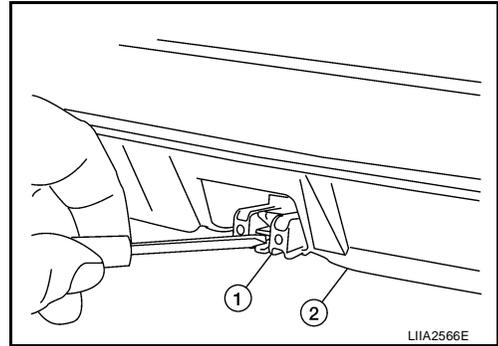
1. Remove front wiper arm RH/LH from vehicle. Refer to [WW-24, "Removal and Installation of Front Wiper Arms"](#).
2. Disconnect washer tube.



3. Remove fender seal and fender cover RH/LH.
4. Release the cowl top seal clips, then remove cowl top seal.

COWL TOP

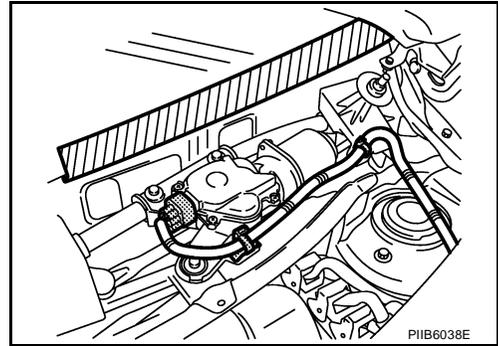
5. Release the cowl extension clip (1) by prying the center pawls apart and pulling clip outward. Remove remaining clips, then remove cowl top cover (2).



6. Disconnect and remove the front wiper motor and linkage assembly. Refer to [WW-25, "Removal and Installation of Front Wiper Drive Assembly"](#).

CAUTION:

To avoid damage, make sure to cover the lower edge of windshield with suitable protection material.



7. Remove cowl extension panel bolts, then remove cowl extension panel.

INSTALLATION

Installation is in the reverse order of removal.

NOTE:

- For wiper arm RH/LH installation and adjustment, Refer to [WW-24, "Removal and Installation of Front Wiper Arms"](#).
- Always replace EPT sealer and double-faced adhesive tape when installing cowl top cover.

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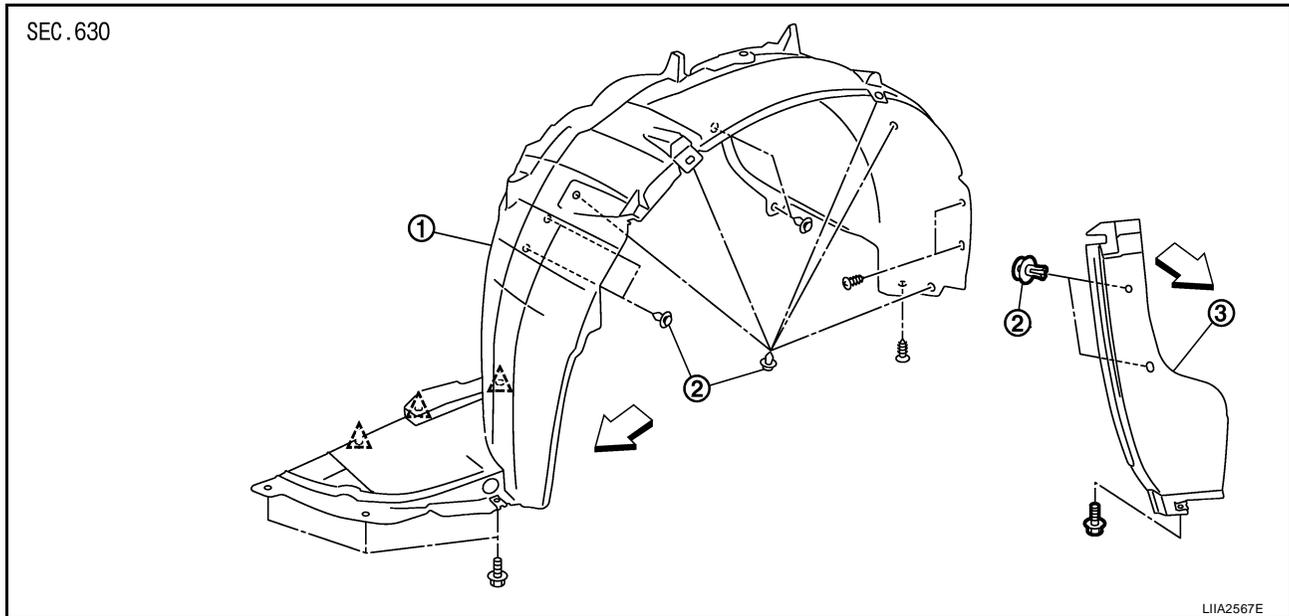
FENDER PROTECTOR

FENDER PROTECTOR

PFP:63840

Components

EIS0096P



1. Front fender protector

2. Clip C205

3. Rear fender protector

△ Clip C103

← Vehicle front

Removal and Installation FRONT FENDER PROTECTOR

EIS009AE

Removal

1. Remove front fender protector bolts and clips.
2. Remove front fender protector.

Installation

Installation is in the reverse order of removal.

REAR FENDER PROTECTOR

Removal

1. Remove rear fender protector bolt and clip.
2. Remove rear fender protector.

Installation

Installation is in the reverse order of removal.

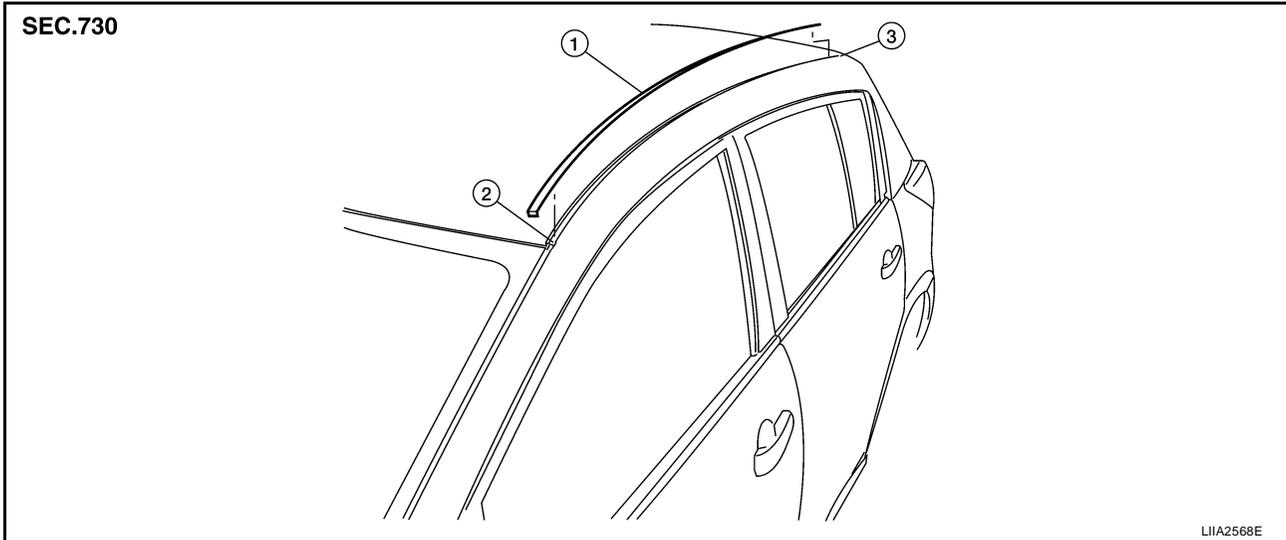
ROOF SIDE MOLDING

ROOF SIDE MOLDING

PFP:73854

Removal and Installation

EIS0096Q



1. Roof side molding

2. Front roof side molding clip

3. Rear roof side molding clip

REMOVAL

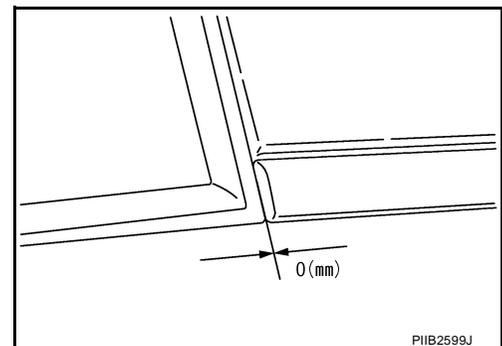
1. Using a suitable tool, release the rear roof side molding clip and remove.
2. Lift up rear edge of roof side molding working forward.
3. Release front roof side molding clip, then remove roof side molding.

INSTALLATION

Installation is in the reverse order of removal.

NOTE:

Make sure front edge of roof side molding contacts windshield molding with no gap.



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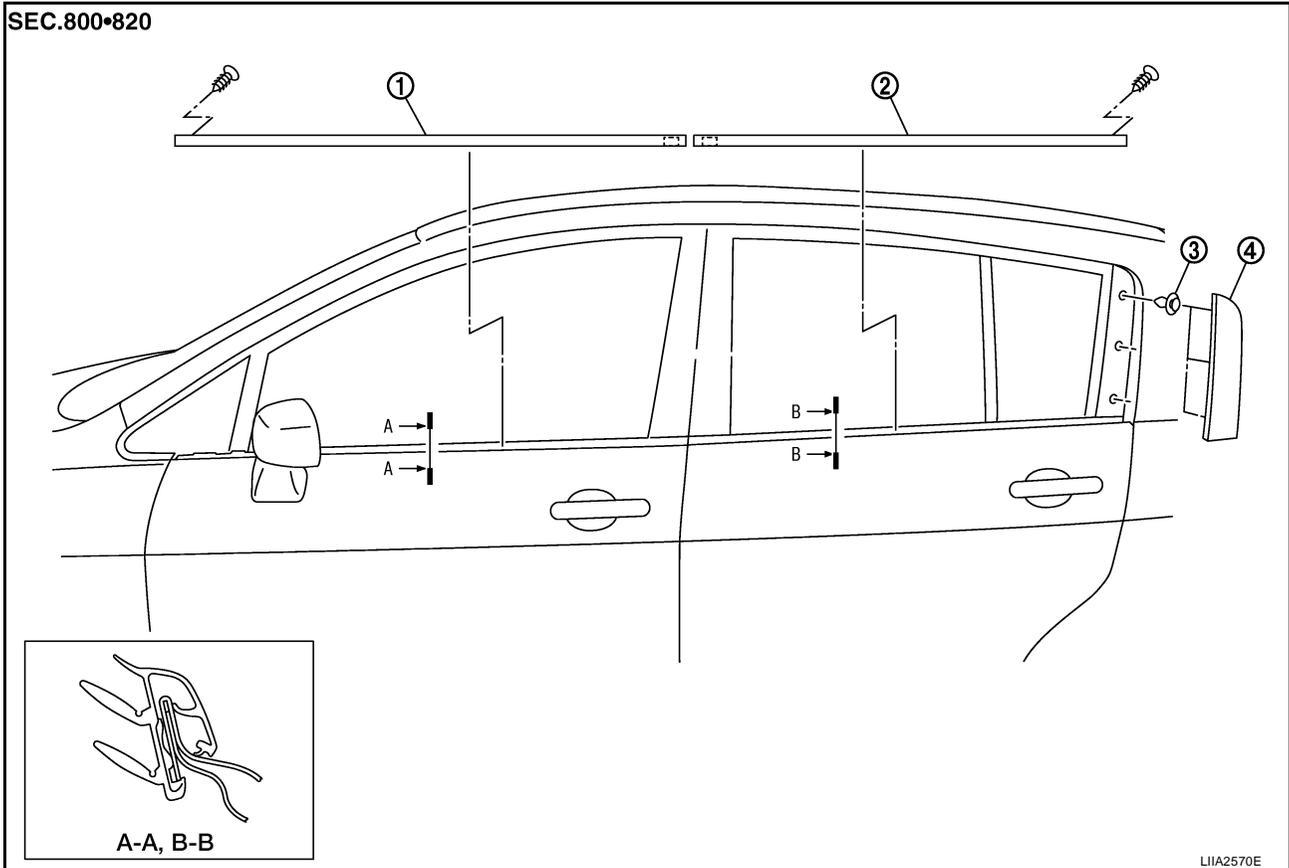
DOOR OUTSIDE MOLDING

DOOR OUTSIDE MOLDING

PFP:82820

Components

EIS0096R



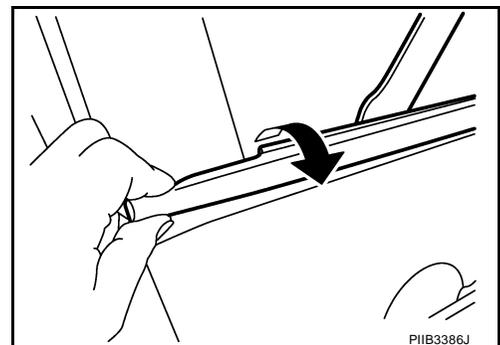
1. Front door outside molding
2. Rear door outside molding
3. Clip C101
4. Rear door corner cover

Removal and Installation FRONT DOOR OUTSIDE MOLDING

EIS0096S

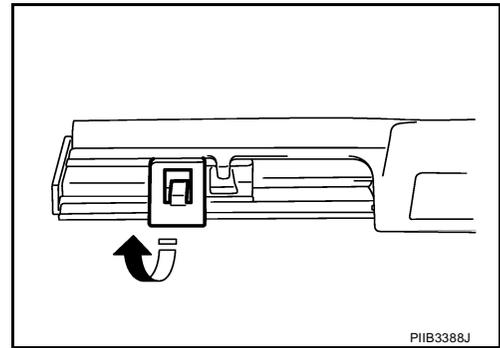
Removal

1. Open front door window.
2. Remove front door outside molding screw.
3. While pulling up on front of front door outside molding, insert a suitable tool beneath the molding and release it from the door top edge.



DOOR OUTSIDE MOLDING

4. Twist the lower edge of the molding away from the door at the rear to gain access to the locking tab.
5. Insert a suitable tool behind the molding pressing the center of the tab inward to release.
6. Remove front door outside molding while pulling up after disengaging.



Installation

Installation is in the reverse order of removal.

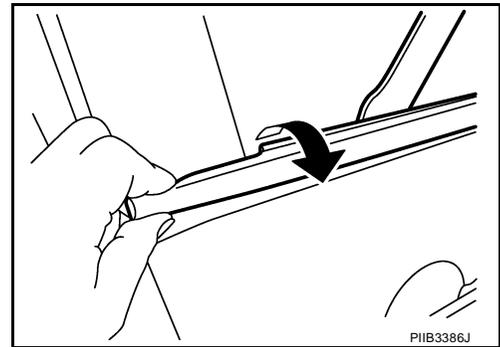
CAUTION:

- Use care while removing to avoid permanent damage to part from excessive force during removal.
- After removal, visually inspect molding; replace if deformed or damaged.

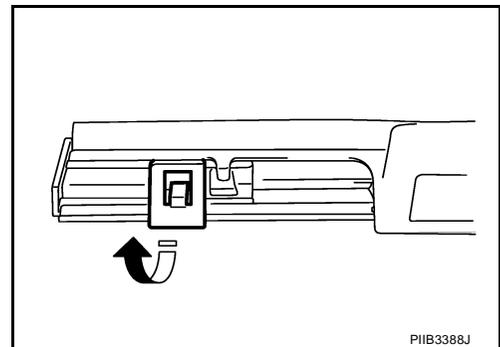
REAR DOOR OUTSIDE MOLDING

Removal

1. Open rear door window.
2. Remove rear door outside molding screw.
3. While pulling up on rear of rear door outside molding, insert a suitable tool beneath the molding and release it from the door top edge.



4. Twist the lower edge of the molding away from the door at the front to gain access to the locking tab.
5. Insert a suitable tool behind the molding pressing the center of the tab inward to release.
6. Remove rear door outside molding while pulling up after disengaging.



Installation

Installation is in the reverse order of removal.

CAUTION:

- Use care while removing to avoid permanent damage to part from excessive force during removal.
- After removal, visually inspect molding; replace if deformed or damaged.

REAR DOOR CORNER COVER

Removal

Using a suitable tool, release the clips while pulling outward and remove the rear door corner cover.

Installation

Installation is in the reverse order of removal.

CENTER MUD GUARD

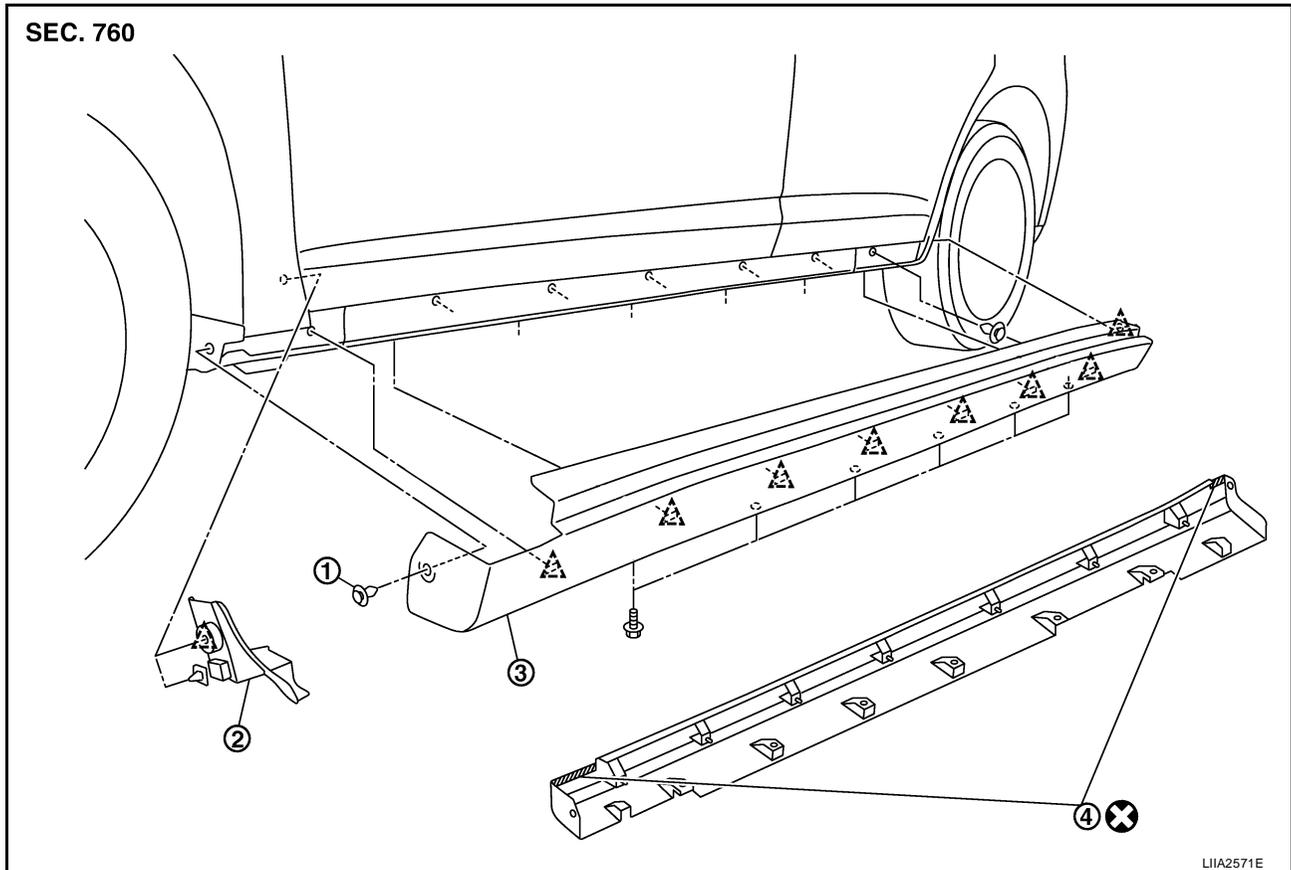
CENTER MUD GUARD

PFP:76850

Removal and Installation

EIS0096T

SEC. 760



- | | | |
|-------------------------------|---|---------------------|
| 1. Clip C205 | 2. Sill cover cap | 3. Center mud guard |
| 4. Double-faced adhesive tape |  Clip C101 | |

REMOVAL

1. Remove center mud guard screws, front and rear.
2. Remove center mud guard bolts at bottom edge and release double-faced adhesive tape from body side.
3. Open front and rear doors, then using a suitable tool, remove the clips and remove the center mud guard from the body side.
4. Remove the sill cover cap clips, then remove sill cover cap.

INSTALLATION

Installation is in the reverse order of removal.

NOTE:

- Always replace double-faced adhesive tape on back of center mud guard when installing.
- Do not wash vehicle within 24 hours after installation.

DOOR FINISHER

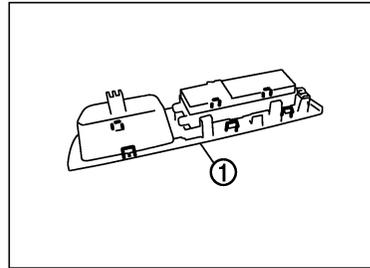
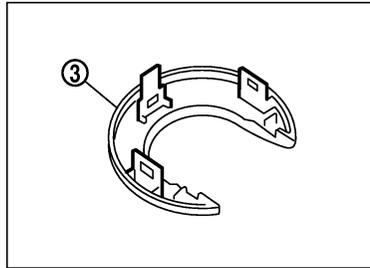
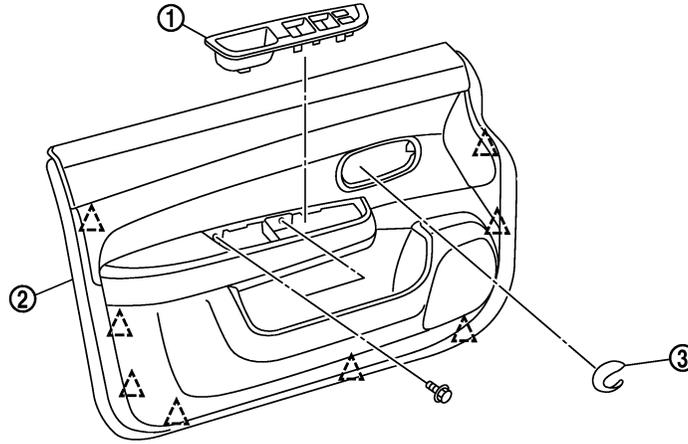
DOOR FINISHER

PFP:80900

Removal and Installation FRONT DOOR

EIS0096V

SEC. 805•809



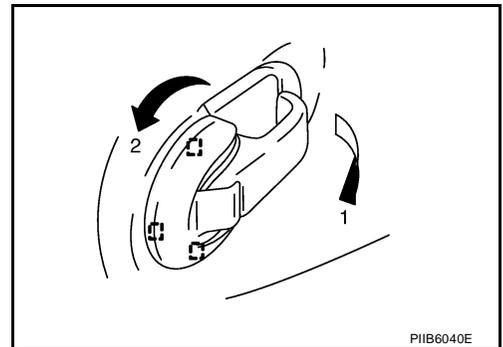
LIIA2572E

1. Power window and door lock/unlock switch finisher 2. Front door finisher 3. Inside handle escutcheon

△ Clip C101

Removal

1. Open front door and front door window.
2. Disconnect the negative battery cable.
3. Release the front door inside handle escutcheon pawls, then slide the escutcheon rearward to remove from front door finisher.

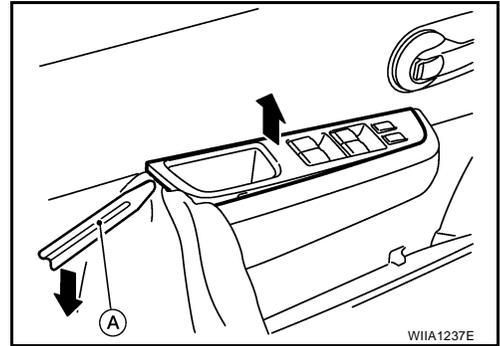


PIIB6040E

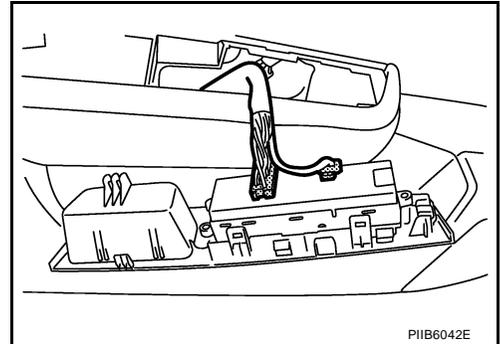
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DOOR FINISHER

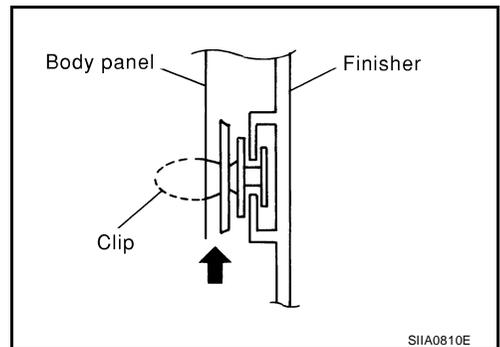
4. Insert a trim stick (A) or suitable tool into back edge of front door power window and door lock/unlock switch finisher. Lift upward to release the clips and remove.



5. Disconnect front door power window and door lock/unlock switch harness connector.



6. Remove the (2) front door finisher screws.
7. Release the clips, then lift front door finisher upward to remove it from door body panel.



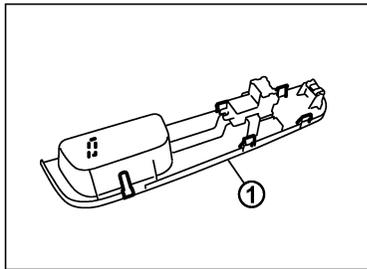
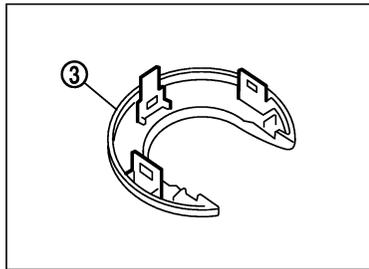
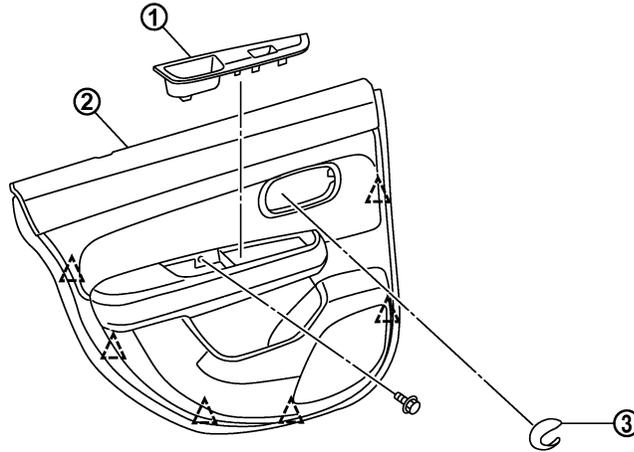
Installation

Installation is in the reverse order of removal.

DOOR FINISHER

REAR DOOR

SEC. 825•829



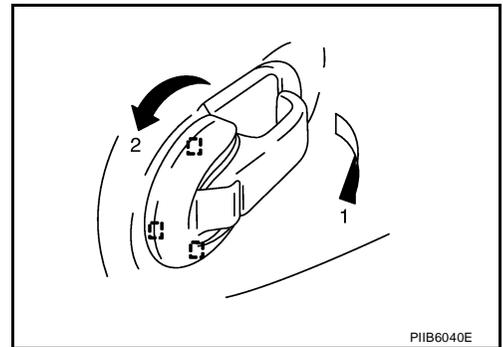
LIIA2573E

1. Rear power window switch finisher 2. Rear door finisher 3. Inside handle escutcheon

 Clip C101

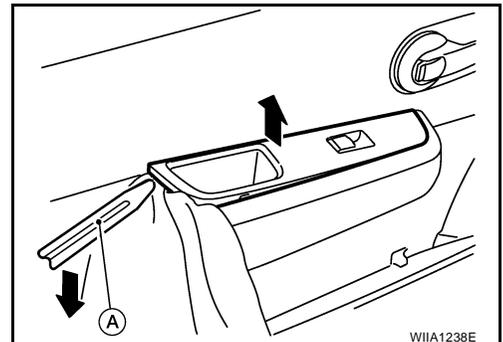
Removal

1. Open rear door and rear door window.
2. Disconnect the negative battery cable.
3. Release the rear door inside handle escutcheon pawls, then slide the escutcheon rearward to remove from rear door finisher.



PIIB6040E

4. Insert a trim stick (A), or suitable tool into back edge of rear door power window switch finisher. Lift upward to release the clips and remove.

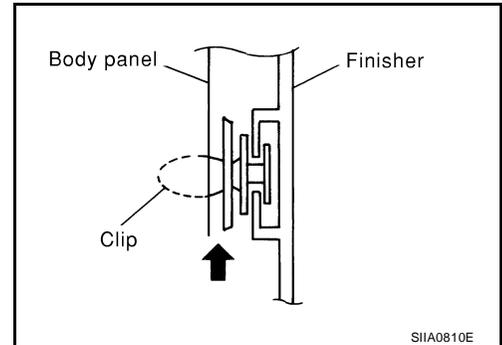


WIIA1238E

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DOOR FINISHER

5. Disconnect rear door power window switch harness connector.
6. Remove rear door finisher screw.
7. Release the clips, then lift rear door finisher upward to remove it from door body panel.



Installation

Installation is in the reverse order of removal.

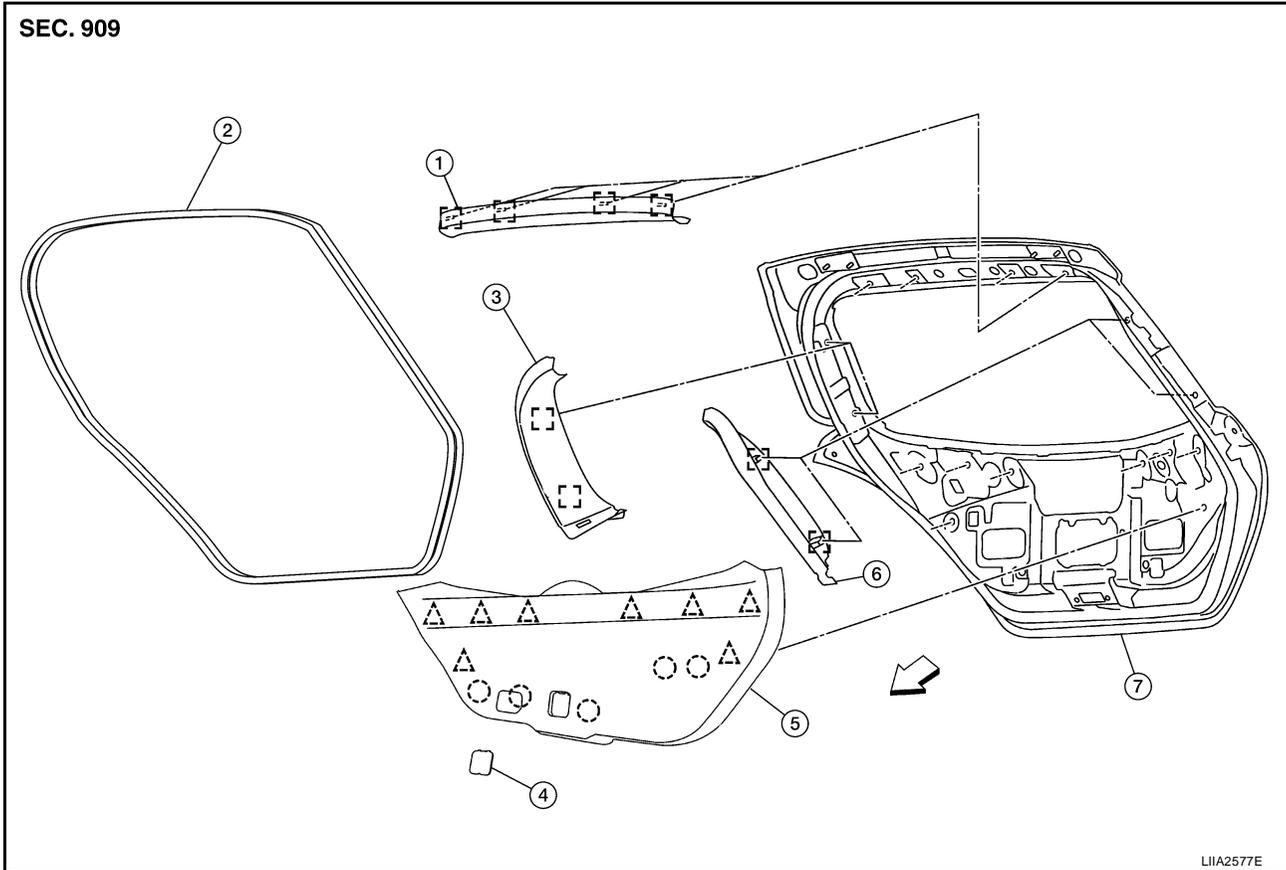
BACK DOOR TRIM

PFP:90900

EIS009AF

BACK DOOR TRIM

Removal and Installation



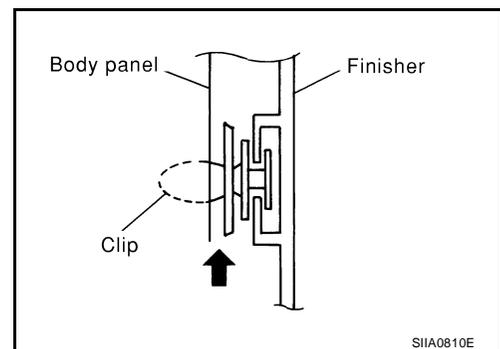
- | | | |
|-----------------------------|-----------------------------|--------------------------------|
| 1. Back door finisher upper | 2. Back door weatherstrip | 3. Back door side garnish (RH) |
| 4. Cover | 5. Back door finisher lower | 6. Back door side garnish (LH) |
| 7. Back door | ○ Pawl | □ Metal clip |
| △ Clip C101 | ← Vehicle front | |

REMOVAL

CAUTION:

- Insert a suitable tool between panel on vehicle and clips (as indicated with arrow) to release clips.
- Use a suitable tool when removing metal clips from garnishes.
- Be careful not to damage the body while prying to release clips.
- Make sure clips are properly aligned in panel holes on body when installing, then press them in completely.

1. Open back door.
2. Release the clips, then lift upward to release the pawls and remove the back door finisher lower.
3. Release the clips, then remove back door side garnish RH/LH.
4. Release the clips, then remove back door finisher upper from the back door.



INSTALLATION

Installation is in the reverse order of removal.

BODY SIDE TRIM

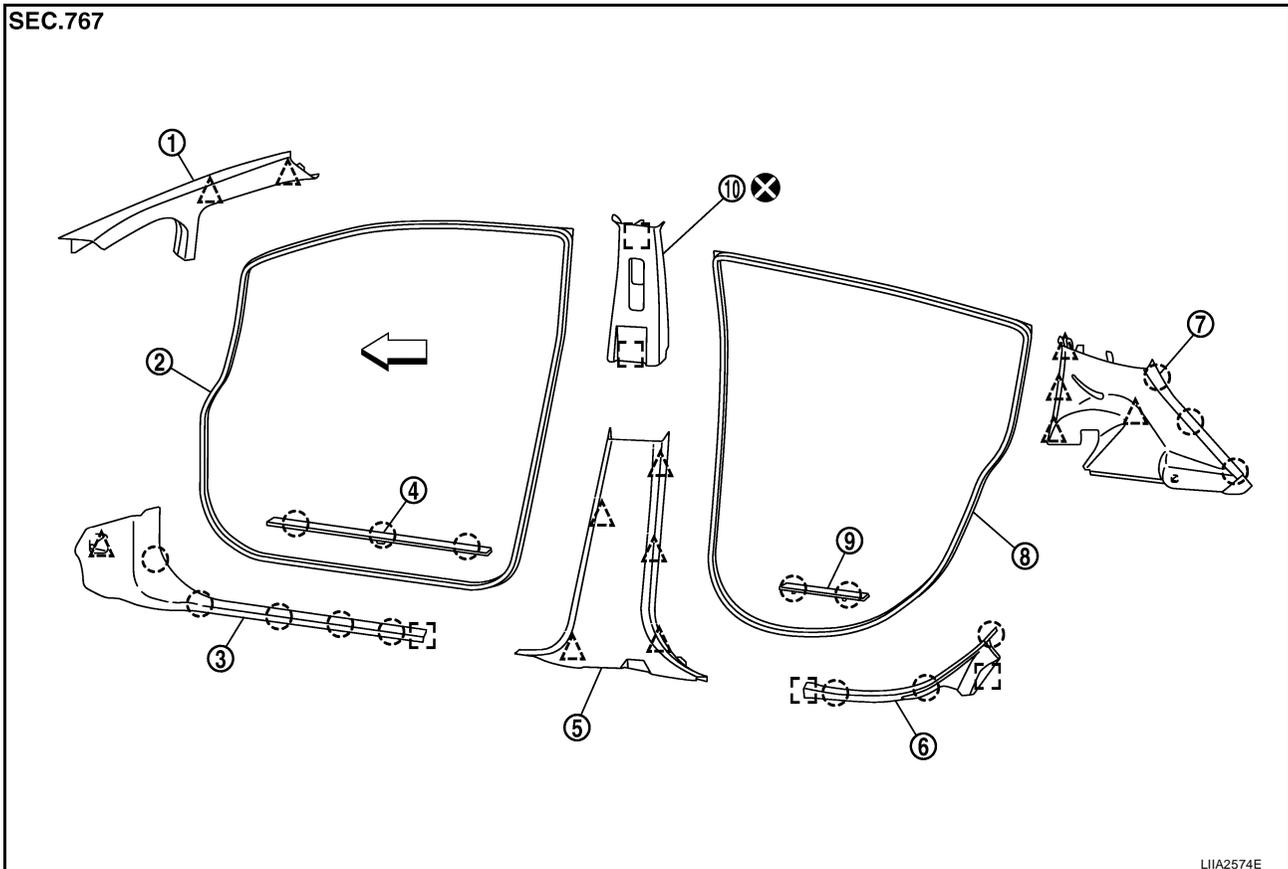
BODY SIDE TRIM

PFP:76913

Removal and Installation

EIS0096W

SEC.767



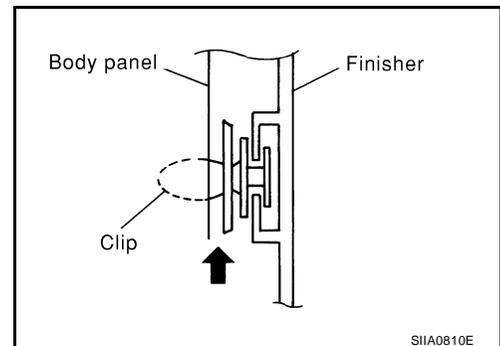
- | | | |
|---------------------------------|--------------------------------|------------------------------|
| 1. Front pillar garnish | 2. Front body side welt | 3. Front kicking plate inner |
| 4. Front kicking plate outer | 5. Center pillar lower garnish | 6. Rear kicking plate inner |
| 7. Rear pillar finisher | 8. Rear body side welt | 9. Rear kicking plate outer |
| 10. Center pillar upper garnish | ○ Pawl | □ Metal clip |
| △ Clip | ← Vehicle front | |

WARNING:

Do not reuse center pillar upper garnish if removed.

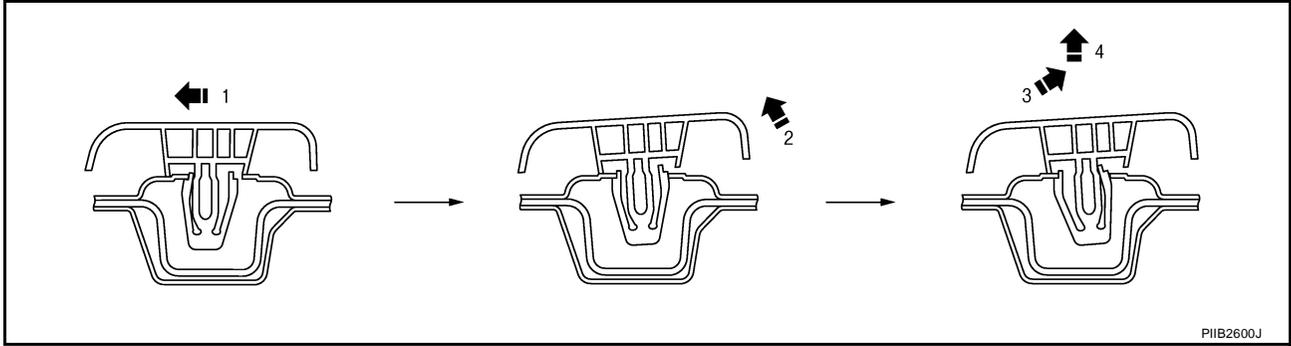
CAUTION:

- Insert a suitable tool between panel on vehicle and clips (as indicated with arrow) to release clips.
- Use a suitable tool when removing metal clips from garnishes.
- Be careful not to damage the body while prying to release clips.
- Make sure clips are properly aligned in panel holes on body when installing, then press them in completely.



BODY SIDE TRIM

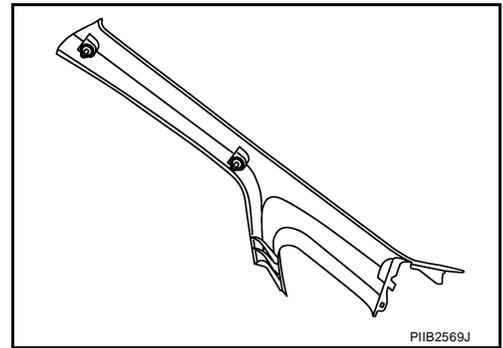
- When releasing molded-in pawls or resin clips, follow the steps below to prevent garnish or clip damage.



FRONT PILLAR GARNISH

Removal

Release the clips, then remove front pillar garnish.



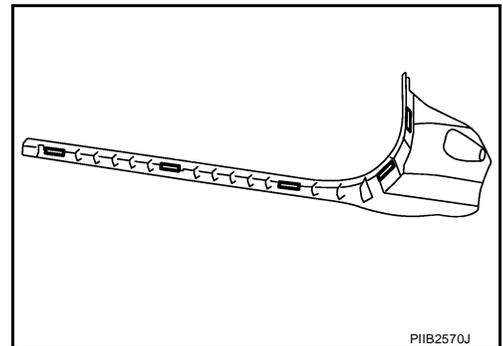
Installation

Installation is in the reverse order of removal.

FRONT KICKING PLATE INNER

Removal

Release the clips, then remove front kicking plate inner.



Installation

Installation is in the reverse order of removal.

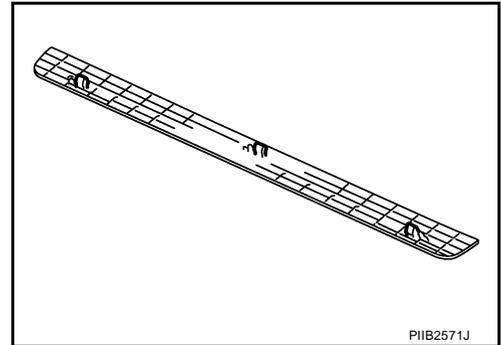
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BODY SIDE TRIM

FRONT KICKING PLATE OUTER

Removal

Release the clips, then remove front kicking plate outer.



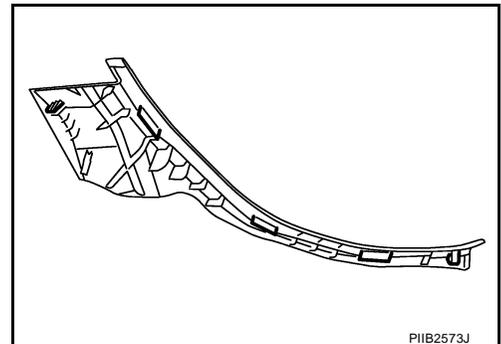
Installation

Installation is in the reverse order of removal.

REAR KICKING PLATE INNER

Removal

Release the clips, then remove rear kicking plate inner.



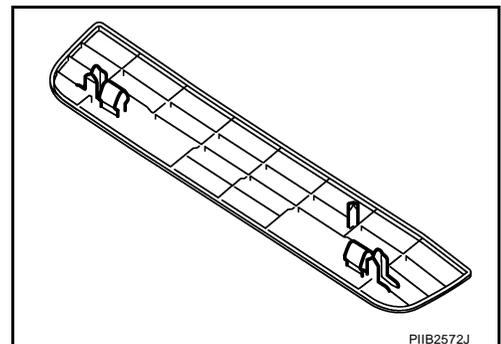
Installation

Installation is in the reverse order of removal.

REAR KICKING PLATE OUTER

Removal

Release the clips, then remove rear kicking plate outer.



Installation

Installation is in the reverse order of removal.

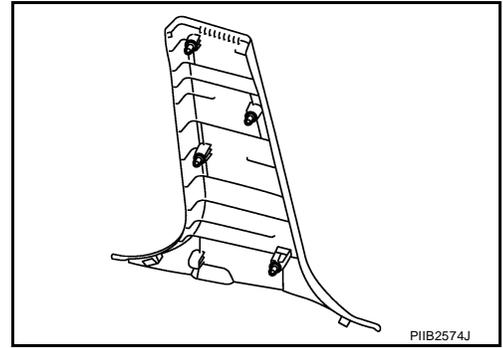
CENTER PILLAR LOWER GARNISH

Removal

1. Remove front kicking plate inner. Refer to [EI-33, "FRONT KICKING PLATE INNER"](#).
2. Remove rear kicking plate inner. Refer to [EI-34, "REAR KICKING PLATE INNER"](#).
3. Remove front and rear body side welts.

BODY SIDE TRIM

4. Release the clips, then remove center pillar lower garnish.



Installation

Installation is in the reverse order of removal.

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BODY SIDE TRIM

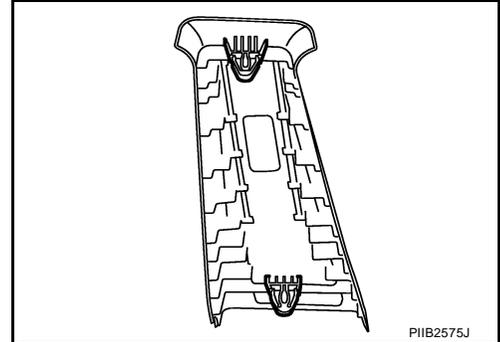
CENTER PILLAR UPPER GARNISH

Removal

WARNING:

Do not reuse center pillar upper garnish if removed.

1. Remove center pillar lower garnish. Refer to [EI-34, "CENTER PILLAR LOWER GARNISH"](#) .
2. Remove front seat belt shoulder anchor. Refer to [SB-3, "Removal and Installation of Front Seat Belt"](#) .
3. Remove front and rear body side welts.
4. Release the resin clips, then remove center pillar upper garnish.



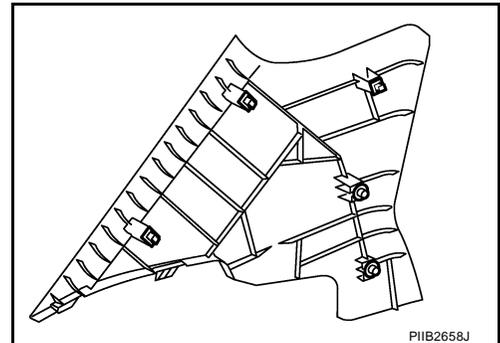
Installation

Installation is in the reverse order of removal.

REAR PILLAR FINISHER

Removal

1. Remove rear seat cushion and rear seatback. Refer to [SE-15, "Removal and Installation"](#) .
2. Remove rear body side welt.
3. Release the clips, then remove rear pillar finisher.



Installation

Installation is in the reverse order of removal.

FLOOR TRIM

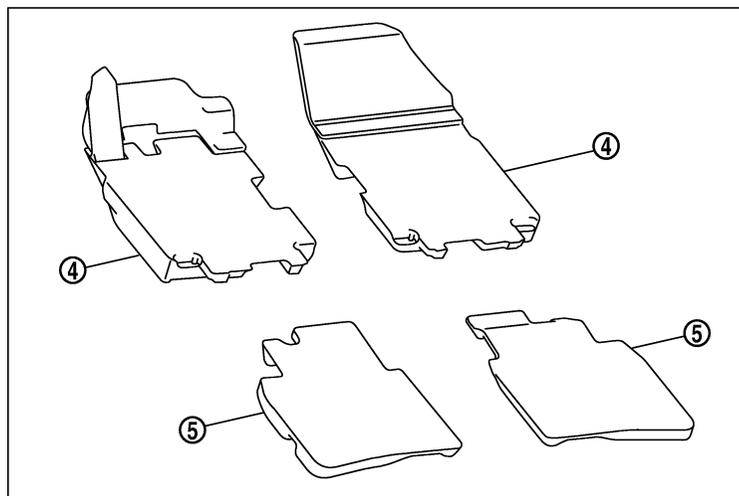
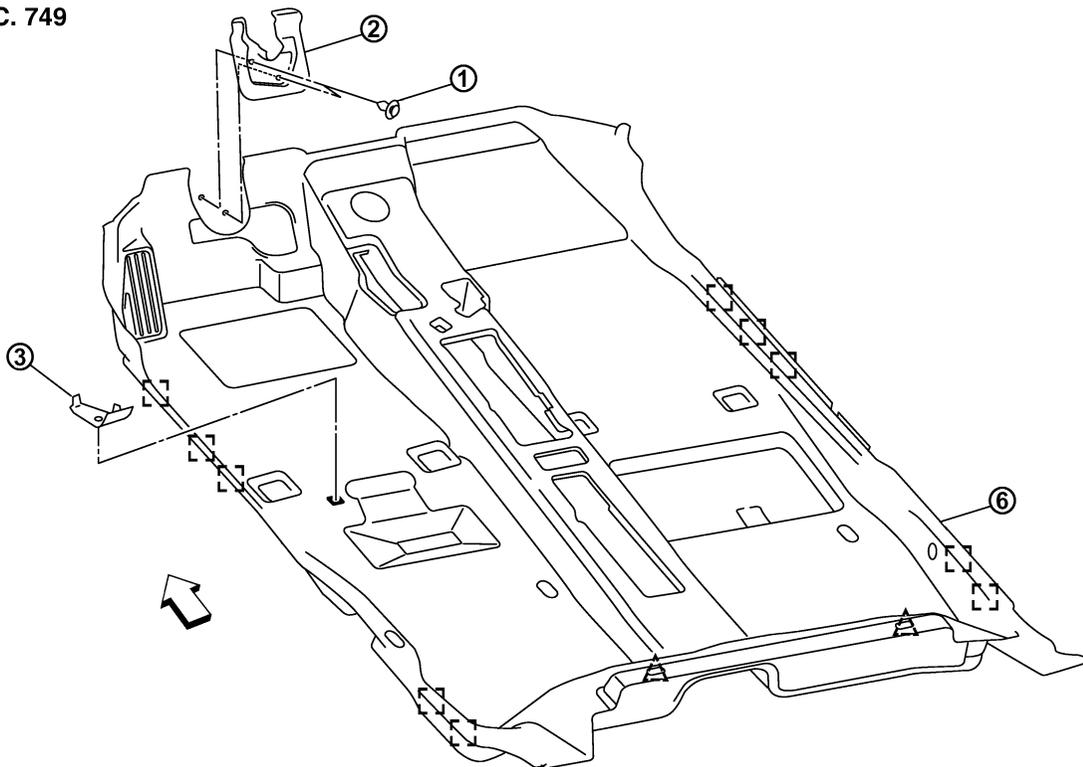
FLOOR TRIM

PF74902

Removal and Installation

EIS0096Y

SEC. 749



- | | | |
|-----------------------|--------------------------------|----------------------|
| 1. Clip C101 | 2. Steering column shaft cover | 3. Floor carpet hook |
| 4. Front floor spacer | 5. Rear floor spacer | 6. Floor trim |
| Metal clip | Clip CF110 | Vehicle front |

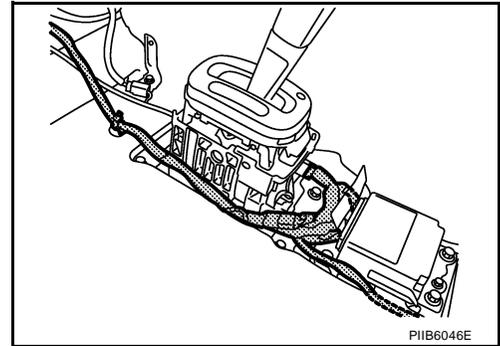
LIA2575E

REMOVAL

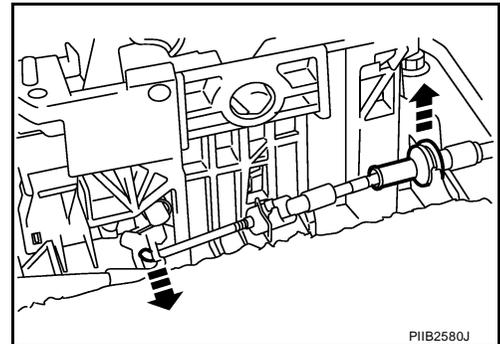
1. Disconnect both the negative and positive battery cables, then wait at least 3 minutes.
2. Remove front seat assembly RH/LH and rear seat cushion. Refer to [SE-12, "Removal and Installation"](#) and [SE-15, "Removal and Installation"](#).
3. Remove center console and floor bracket. Refer to [IP-11, "Removal and Installation"](#).
4. Remove instrument lower cover. Refer to [IP-11, "Removal and Installation"](#).

FLOOR TRIM

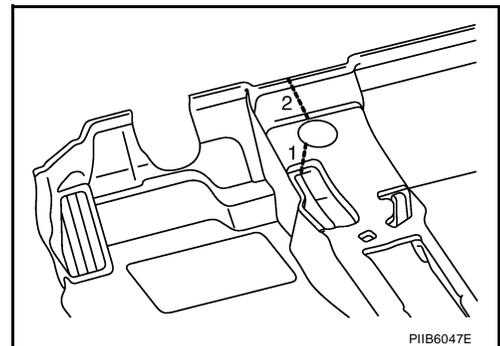
- Remove front kicking plate inner RH/LH, center pillar lower garnish RH/LH, and rear kicking plate inner RH/LH. Refer to [EI-32, "Removal and Installation"](#).
- Disconnect floor harness connector.
- Remove diagnosis sensor unit. Refer to [SRS-52, "DIAGNOSIS SENSOR UNIT"](#).



- Remove key interlock cable. Refer to [AT-239, "KEY INTER-LOCK CABLE"](#).



- Remove floor carpet hook.
- Cut floor trim using a blade knife first between openings (1), then at front edge (2) as shown.



- Release floor trim metal clips after cutting, then pull out floor trim through door opening.
- Remove floor spacer RH/LH.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

When replacing the floor trim with a new one, prepare for installation by cutting it like the old one. Make sure there is a quality fit between floor trim and instrument lower cover by tucking the cut edge completely.

HEADLINING

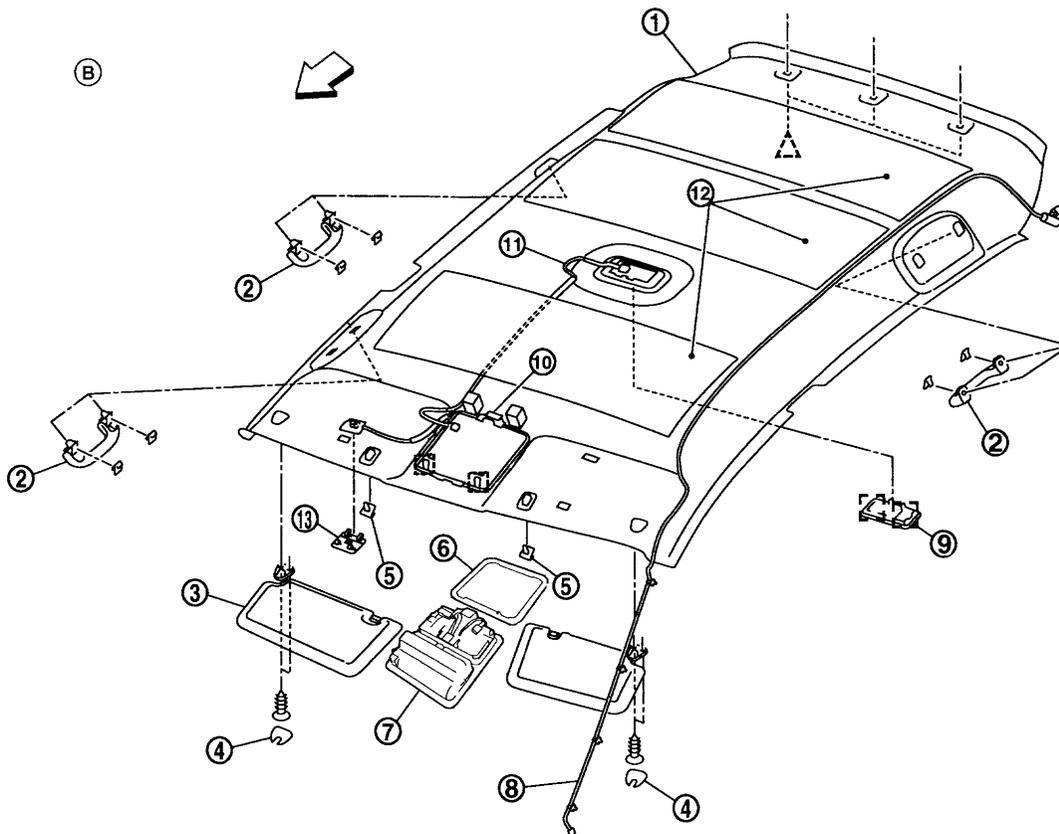
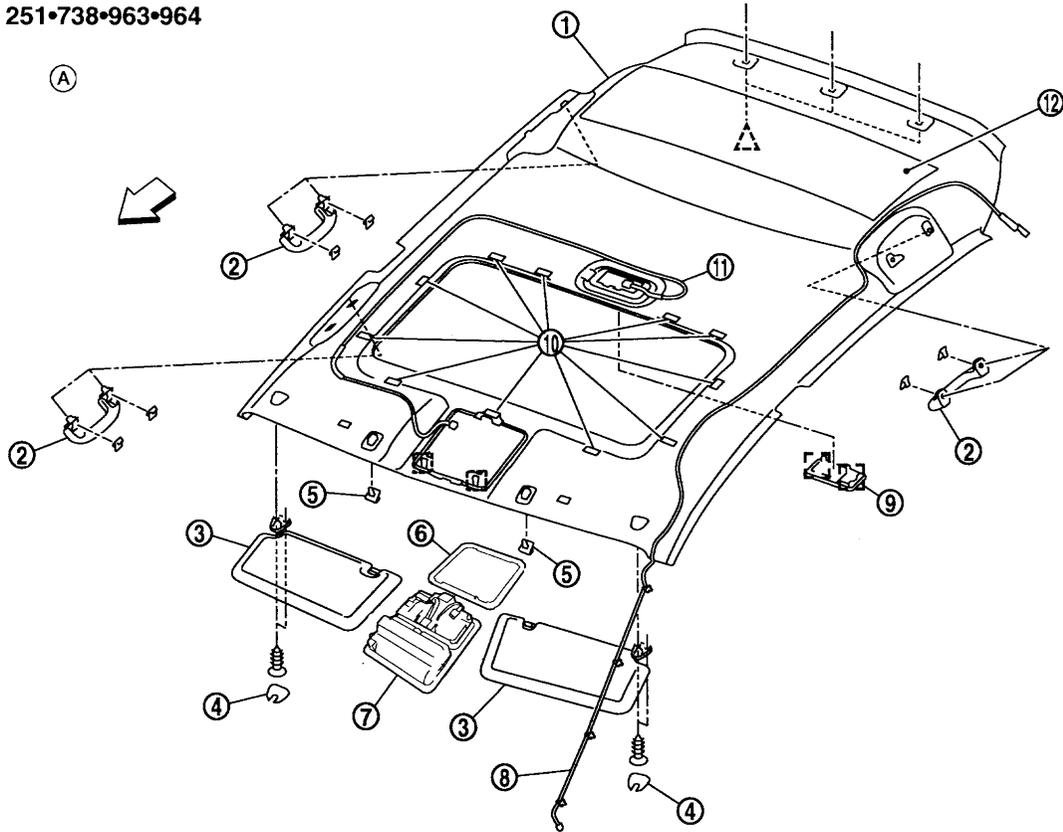
HEADLINING

Removal and Installation

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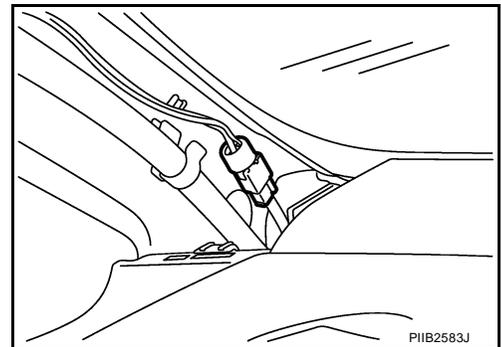
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HEADLINING

- | | | |
|--|---|--------------------------|
| 1. Headlining | 2. Assist grip | 3. Sunvisor |
| 4. Cap | 5. Sunvisor holder | 6. Roof console retainer |
| 7. Roof console/map lamp assembly | 8. Antenna feeder cable | 9. Room lamp |
| 10. Dual lock fastener | 11. Room lamp harness | 12. Insulator |
| 13. Finisher | A. With sunroof | B. Without sunroof |
|  Metal clip |  Clip C103 | ← Vehicle front |

REMOVAL

1. Remove the negative and positive battery cables.
2. Remove front seat assembly RH/LH. Refer to [SE-12, "Removal and Installation"](#).
3. Remove rear seat cushion and rear seatback. Refer to [SE-15, "Removal and Installation"](#).
4. Remove front seat belt shoulder anchor RH/LH. Refer to [SB-3, "Removal and Installation of Front Seat Belt"](#).
5. Remove center console body assembly. Refer to [IP-10, "INSTRUMENT PANEL ASSEMBLY"](#).
6. Remove front pillar garnish RH/LH. Refer to [EI-33, "FRONT PILLAR GARNISH"](#).
7. Remove antenna feeder cable clip, then disconnect antenna feeder cable connector.

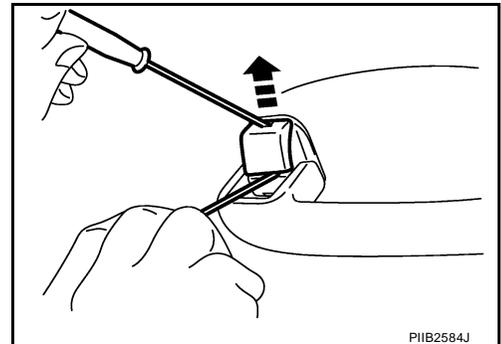


8. Remove front and rear kicking plate inner RH/LH, center pillar lower garnish, center pillar upper garnish, front and rear body side welt RH/LH. Refer to [EI-32, "Removal and Installation"](#).

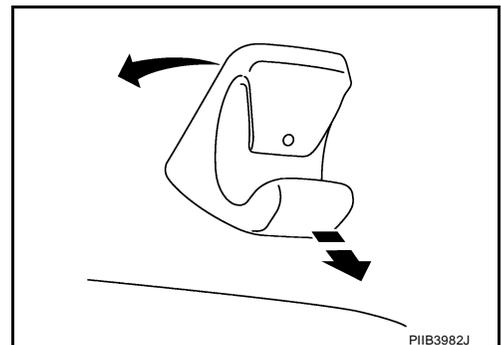
WARNING:

Do not reuse center pillar upper garnish if removed.

9. Remove back door weatherstrip. Refer to [EI-31, "BACK DOOR TRIM"](#).
10. Release the clips using a suitable tool, then remove the front and rear assist grips.

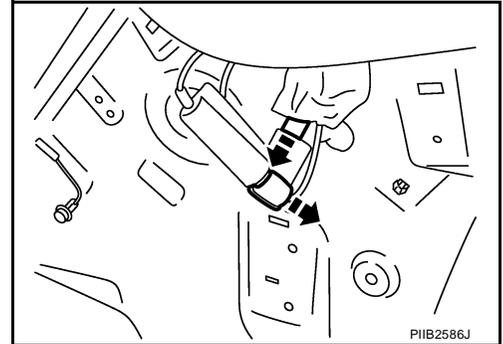


11. Remove the sunvisor caps and screws, then remove sunvisor RH/LH.
12. Remove sunvisor holders RH/LH by rotating 45 degrees, then pulling outward.



HEADLINING

13. Release the metal clips, then remove the roof console/map lamp assembly.
14. Release remaining headlining clips.
15. Disconnect antenna feeder cable near rear pillar finisher LH.

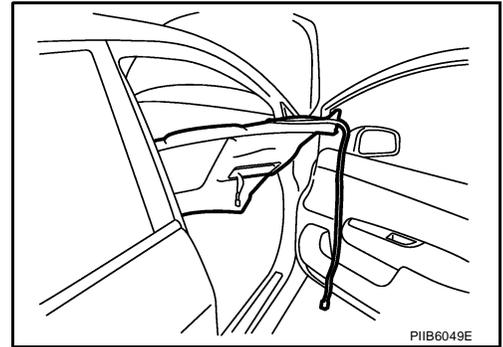


16. Disengage the dual lock fastener on the backside of headlining.
 - Insert a suitable tool into the edge of dual lock fastener, then move the tool side to side horizontally to release it.

CAUTION:

Excessive up and down force may cause roof panel damage.

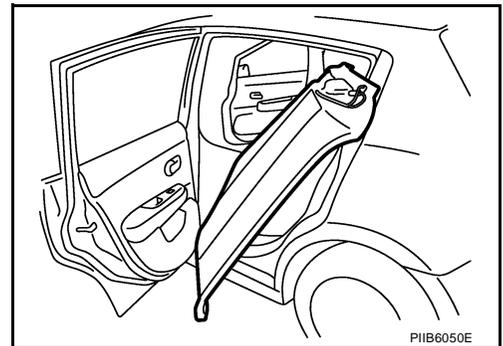
17. Position the headlining so the front edge goes through the opening of the right side front door.



18. Position the headlining so the rear edge goes through the opening of the left rear door, then remove headlining.

CAUTION:

- 2 technicians should be used to avoid damage when removing or replacing headlining.
- During headlining removal and installation, cover the center console finisher upper surface to prevent damage.
- Set A/T shift lever to the D position, and make a space to remove front end of headlining right side.
- Do not bend headlining when removing.



INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

Avoid headlining damage when installing by inserting rear clips first during assembly.

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LUGGAGE FLOOR TRIM

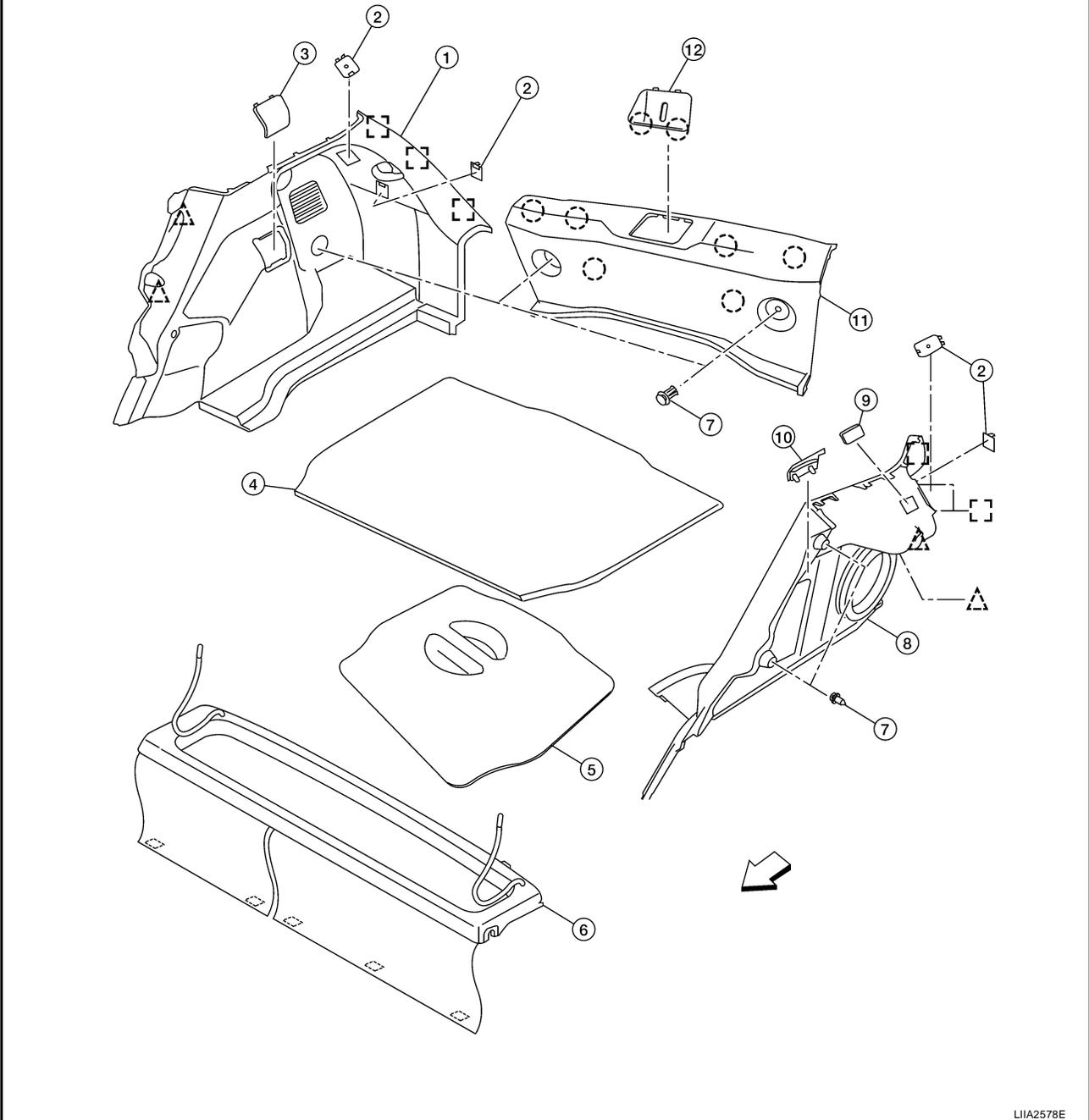
PF:84920

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LUGGAGE FLOOR TRIM

Removal and Installation

SEC.849



LIA2578E

- | | | |
|-----------------------------------|-----------------------------------|----------------------------|
| 1. Luggage side lower finisher RH | 2. Access cover | 3. Shock absorber cover RH |
| 4. Luggage floor center board | 5. Luggage floor spacer | 6. Tonneau board |
| 7. Clip C101 | 8. Luggage side lower finisher LH | 9. Cargo lamp |
| 10. Shock absorber cover LH | 11. Luggage rear plate | 12. Striker cover plate |
| ○ Pawl | □ Metal clip | △ Clip C101 |
| ← Vehicle front | | |

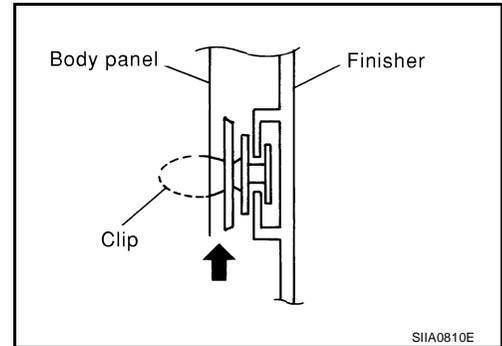
LUGGAGE FLOOR TRIM

REMOVAL

CAUTION:

- Insert a trim stick or suitable tool between panel on vehicle and clips (as indicated with arrow) to release clips.
- Use a trim stick or suitable tool when removing metal clips from garnishes.
- Be careful not to damage the body while prying to release clips.
- Make sure clips are properly aligned in panel holes on body when installing, then press them in completely.

1. Disconnect the negative and positive battery cables.
2. Open the rear doors and the back door.
3. Remove the rear seat cushion and seatback and seatback side RH/LH. Refer to [SE-14, "REAR SEAT"](#).
4. Lift and remove the luggage floor center board and luggage floor spacer.
5. Detach the tethers, then pull upward to remove the tonneau board.
6. Release the clips, then remove the striker cover and luggage rear plate.
7. Release the clips, then remove the luggage side lower finisher RH/LH.
 - For LH side, disconnect cargo lamp connector.



INSTALLATION

Installation is in the reverse order of removal.

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LUGGAGE FLOOR TRIM
