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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000013465640

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 SR 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, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, 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 SR 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 WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery or batteries, and wait at least three minutes before performing any service.

Precaution for Work

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- When removing or disassembling each component, be careful not to damage or deform it. If a component may be subject to interference, be sure to protect it with a shop cloth.
- When removing (disengaging) components with a screwdriver or similar tool, be sure to wrap the component with a shop cloth or vinyl tape to protect it.
- Protect the removed parts with a shop cloth and prevent them from being dropped.
- Replace a deformed or damaged clip.
- If a part is specified as a non-reusable part, always replace it with a new one.
- Be sure to tighten bolts and nuts securely to the specified torque.
- After installation is complete, be sure to check that each part works properly.
- Follow the steps below to clean components:
 - Water soluble dirt:
 - Dip a soft cloth into lukewarm water, wring the water out of the cloth and wipe the dirty area.
 - Then rub with a soft, dry cloth.
 - Oily dirt:
 - Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%) and wipe the dirty area.
 - Then dip a cloth into fresh water, wring the water out of the cloth and wipe the detergent off.
 - Then rub with a soft, dry cloth.
 - Do not use organic solvent such as thinner, benzene, alcohol or gasoline.
 - For genuine leather seats, use a genuine leather seat cleaner.

PREPARATION

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PREPARATION

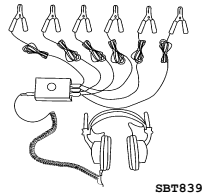
PREPARATION

Special Service Tool

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The actual shape of the tools may differ from those illustrated here.

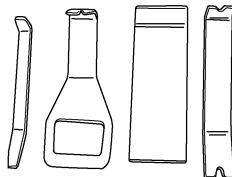
Tool number (TechMate No.) Tool name	Description
— (J-39570) Chassis Ear	Locating the noise
— (J-50397) NISSAN Squeak and Rattle kit	Repairing the cause of noise
— (J-46534) Trim Tool Set	Removing trim components



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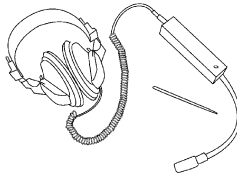


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Commercial Service Tool

INFOID:0000000012545575

(TechMate No.) Tool name	Description
(J-39565) Engine Ear	Locating the noise
Power tool	Loosening nuts, screws and bolts



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CLIP LIST


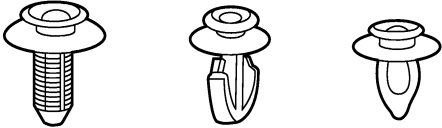


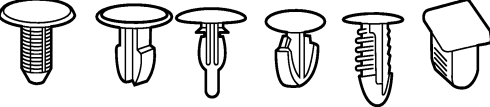
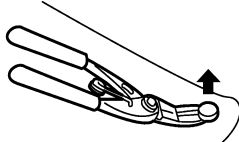

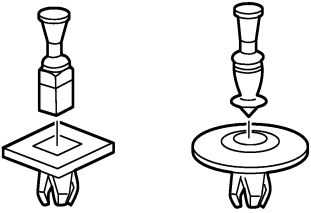
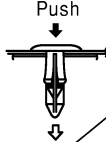
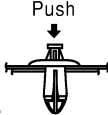

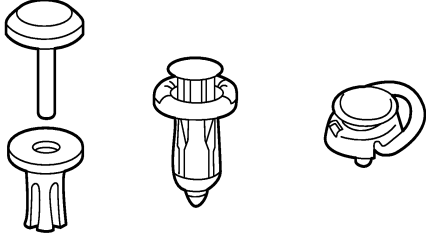
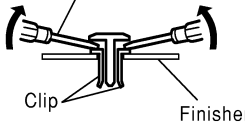

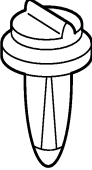
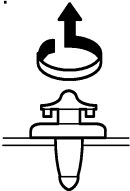
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CLIP LIST

Descriptions for Clips

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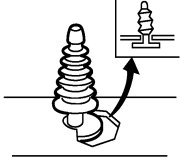
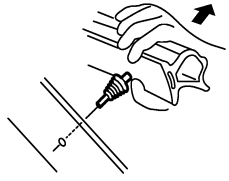

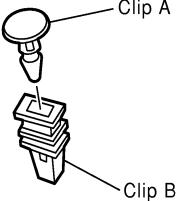
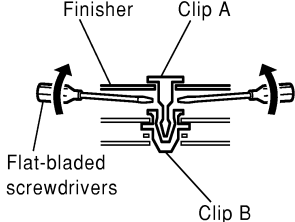

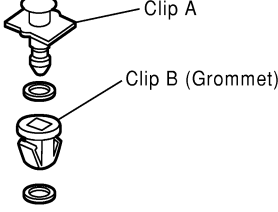
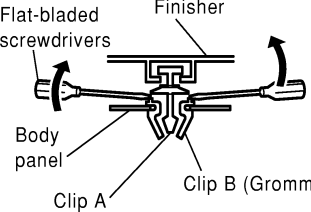


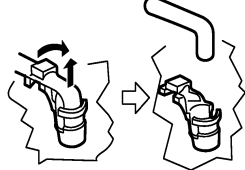

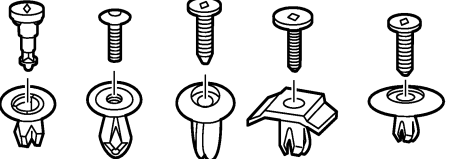

Replace any clips which are damaged during removal or installation.

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

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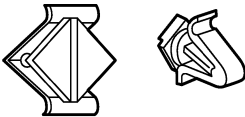

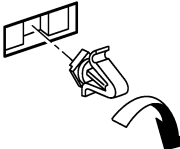

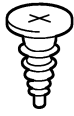



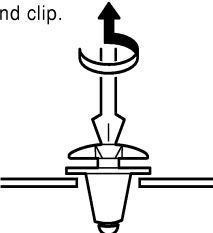


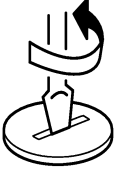
Symbol No.	Shapes	Removal & Installation
<p>CE103</p> 		<p>Removal:</p> 
<p>CF110</p> 		<p>Removal:</p> 
<p>CF118</p> 		<p>Removal:</p> 
<p>CR103</p> 		<p>Removal: Holder portion of clip must be spread out to remove rod.</p> 
<p>CS101</p> 		<p>Removal:</p> <ol style="list-style-type: none"> 1. Screw out with a Phillips screwdriver. 2. Remove female portion with flat-bladed screwdriver. 

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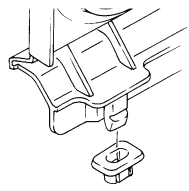
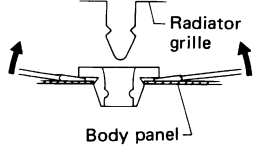
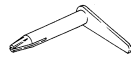
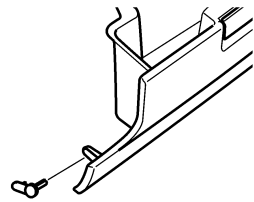
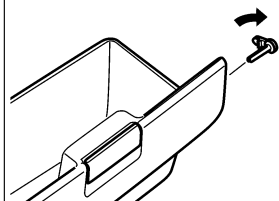

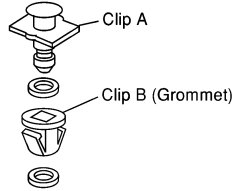
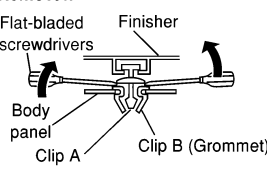
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Symbol No.	Shapes	Removal & Installation	
CG101 		Removal:  Rotate 45° to remove	Installation: 
CS102 			
CS113 		Removal: Disconnect upper connection of clip with a flat-bladed screwdriver, then remove clip while inserting a flat-bladed screwdriver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

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CLIP LIST

< PREPARATION >

Symbol No.	Shapes	Removal & Installation
<p>CG104</p> 		<p>Removal: Remove by bending up with flat-bladed screwdrivers.</p> 
<p>CE114</p> 		
<p>CF118</p> 		<p>Removal: Flat-bladed screwdrivers</p> 

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

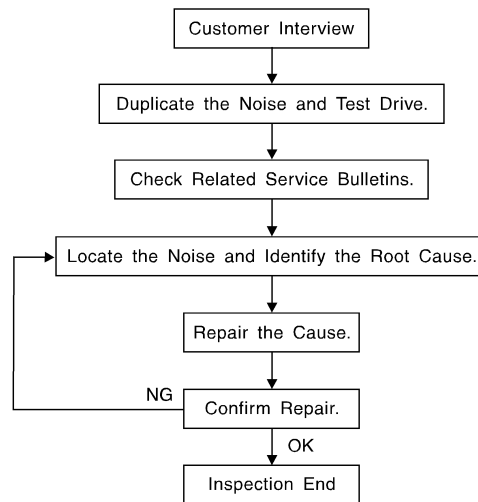
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SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

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 [INT-12, "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.

DUPLICATE THE NOISE AND TEST DRIVE

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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 CVT and A/T models).
 - 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 (Chassis Ear: J-39570, Engine Ear: J-39565 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 [INT-9, "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-50397) 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.

NOTE:

- Always check with the Parts Department for the latest parts information.
- The materials contained in the NISSAN Squeak and Rattle Kit (J-50397) are listed on the inside cover of the kit; and can each be ordered separately as needed.
- The following materials not found in the kit can also be used to repair squeaks and rattles.
 - SILICONE GREASE: Use instead of UHMW tape that will be visible or does not fit. The silicone grease 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

INFOID:000000013500357

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. Cluster lid A and the instrument panel
2. Acrylic lens and combination meter housing
3. Instrument panel to front pillar finisher
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. Shift selector 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. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the NISSAN Squeak and Rattle Kit (J-50397) 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 headlining 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:

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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

A

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.

B

Cause of seat noise include:

C

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

D

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.

E

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.

F

Causes of transmitted underhood noise include:

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

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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

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

INFOID:000000013500358

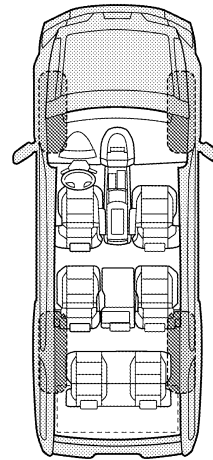
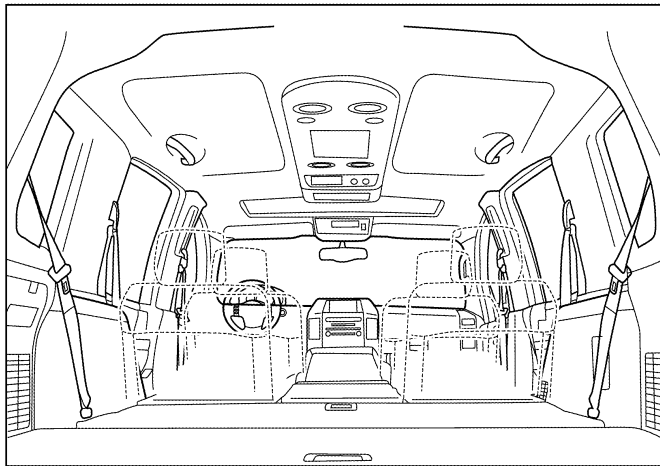
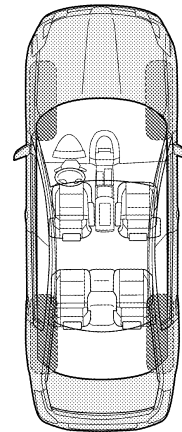
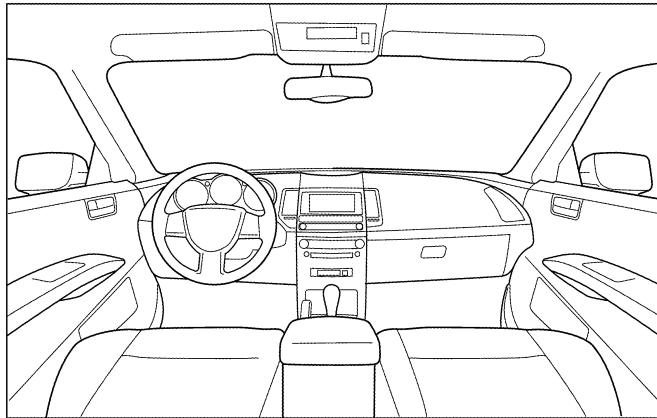
Dear Customer:

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.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM 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

LATA0071E

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FRONT DOOR FINISHER

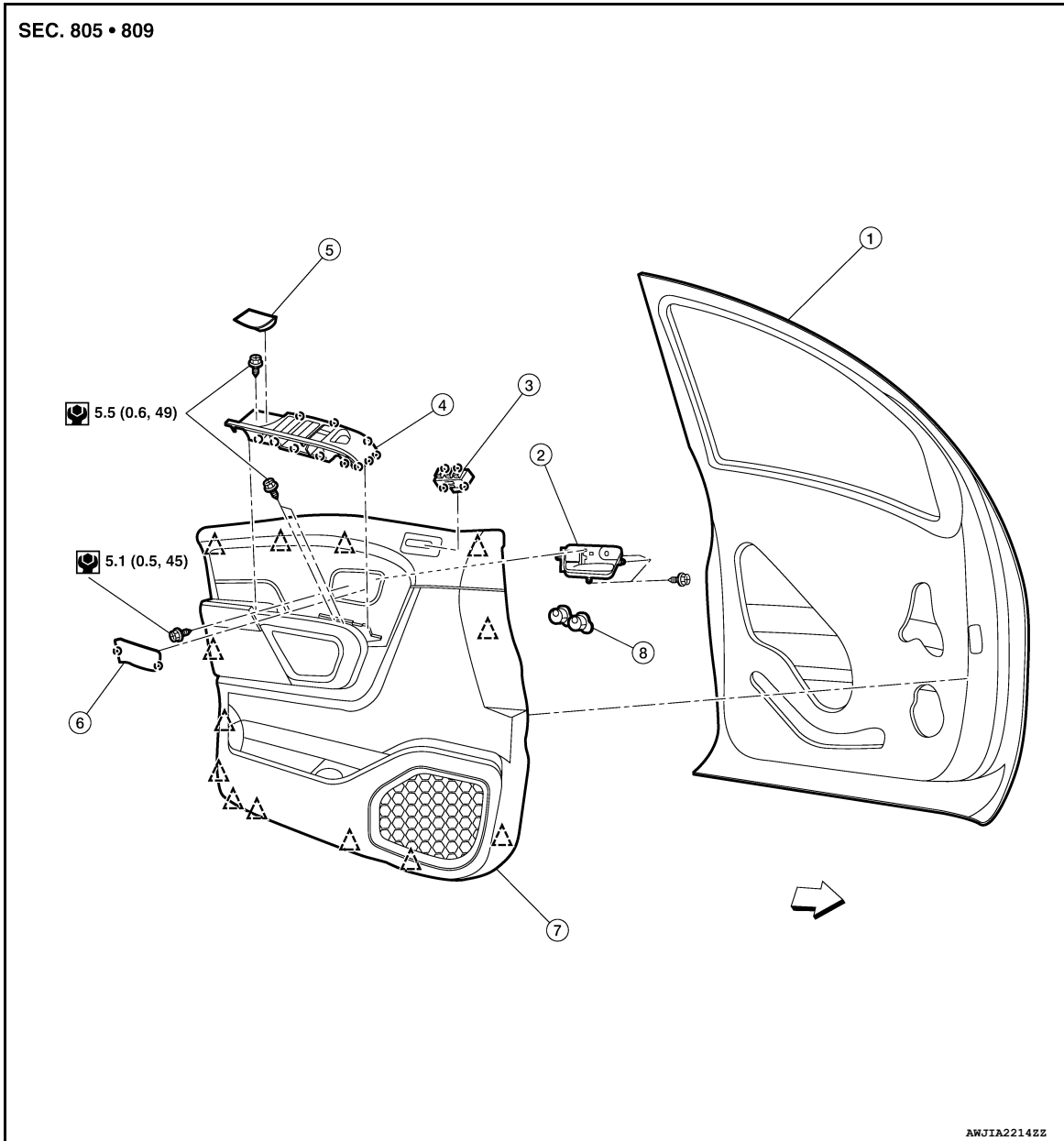
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

FRONT DOOR FINISHER

Exploded View

INFOID:000000013232149



- | | | |
|---|--------------------------------|----------------------------------|
| 1. Front door | 2. Front door inside handle | 3. Memory seat switch |
| 4. Main power window and door lock/
unlock switch finisher | 5. Switch finisher screw cover | 6. Inside door handle escutcheon |
| 7. Front door finisher | 8. Grommet | ○ Pawl |
| △ Clip | ↔ Front | |

Removal and Installation

INFOID:000000013232150


REMOVAL

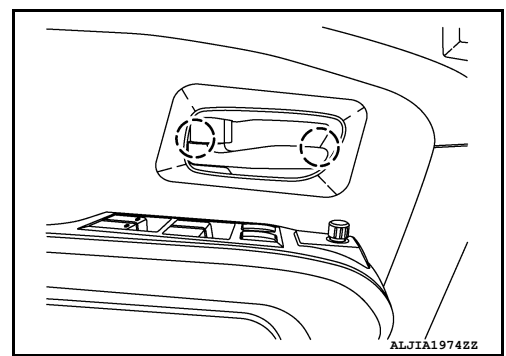
NOTE:
LH shown, RH similar.

FRONT DOOR FINISHER

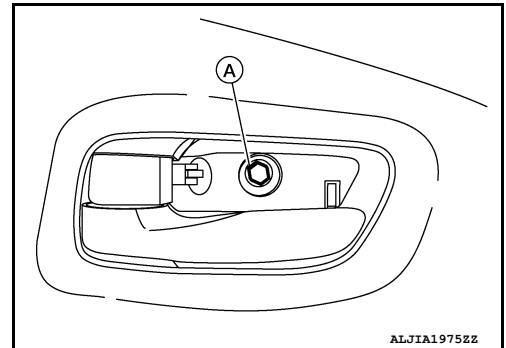
< REMOVAL AND INSTALLATION >

1. Using a suitable tool, release pawls and remove inside handle escutcheon.

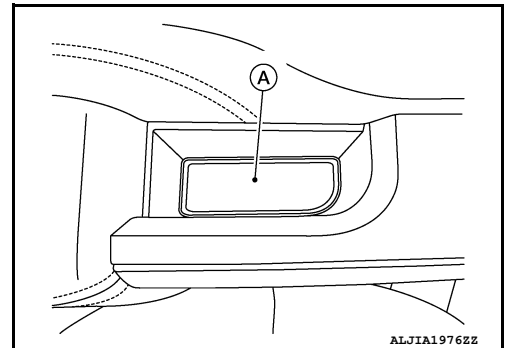
 : Pawl



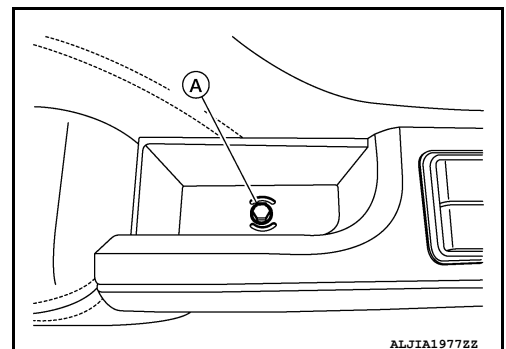
2. Remove screw (A) from inside door handle.




3. Using a suitable tool, release pawls, then remove switch finisher screw cover (A).

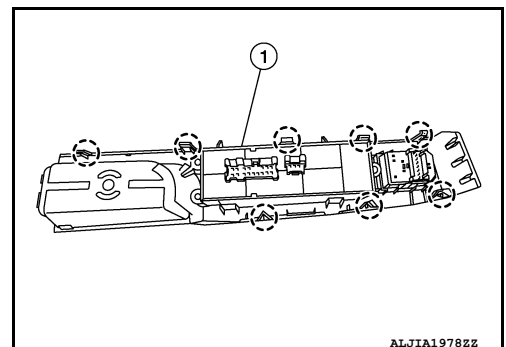


4. Remove screw (A).



5. Release pawls and remove main power window and door lock/unlock switch finisher (1).

 : Pawl

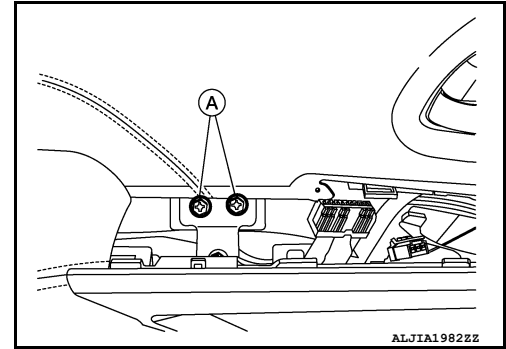


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
FRONT DOOR FINISHER

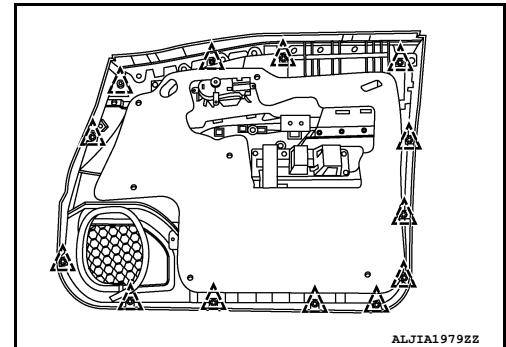
< REMOVAL AND INSTALLATION >

6. Disconnect the harness connectors from the main power window and door lock/unlock switch and door mirror remote control switch.
7. Remove screws (A) from the bracket.



8. Insert a suitable tool between bottom rear of front door panel and front door finisher, then release clips.

 : Clip



9. Disconnect the harness connector from the seat memory switch.
10. Remove front door finisher.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check the clips and pawls for deformation and damage during installation.
- When installing front door finisher, check that clips and pawls are securely placed into door panel holes.
- If main power window and door lock/unlock switch is replaced or is disconnected, perform initialization procedure. Refer to [PWC-54, "POWER WINDOW MAIN SWITCH : Description"](#).

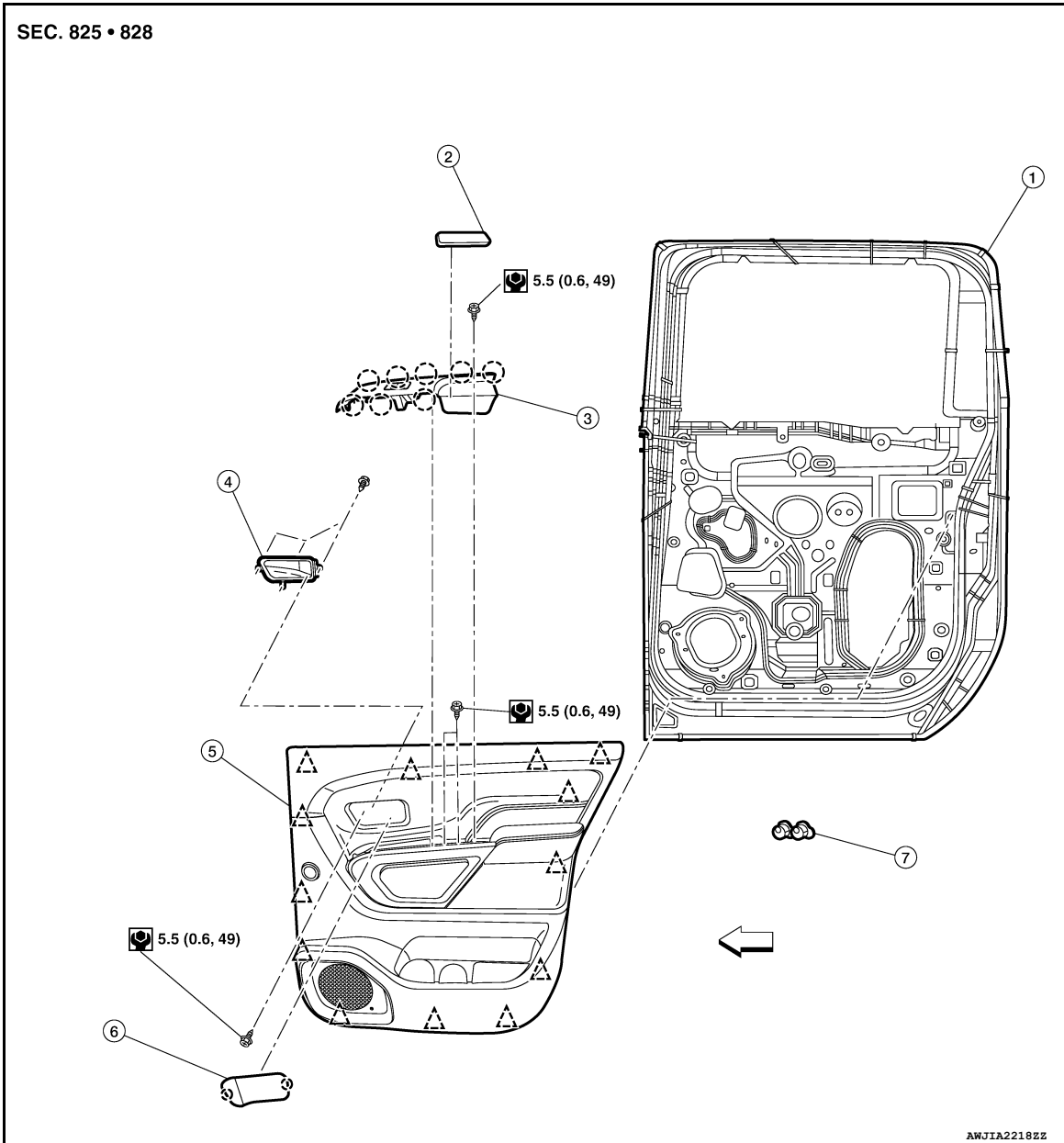
REAR DOOR FINISHER




< REMOVAL AND INSTALLATION >

REAR DOOR FINISHER

Exploded View

INFOID:000000013234196



- | | | |
|-----------------------|--|--|
| 1. Rear door panel | 2. Switch finisher screw cover | 3. Rear power window switch finisher |
| 4. Inside door handle | 5. Rear door finisher | 6. Inside door handle escutcheon |
| 7. Grommet |  Clip |  Pawl |
-  Front

Removal and Installation

INFOID:000000013234197

REMOVAL

NOTE:

LH shown, RH similar.

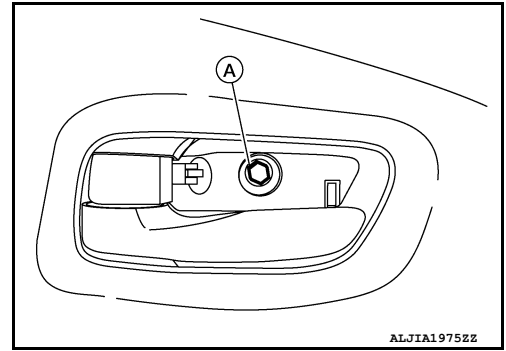
1. Release pawls and remove inside door handle escutcheon.

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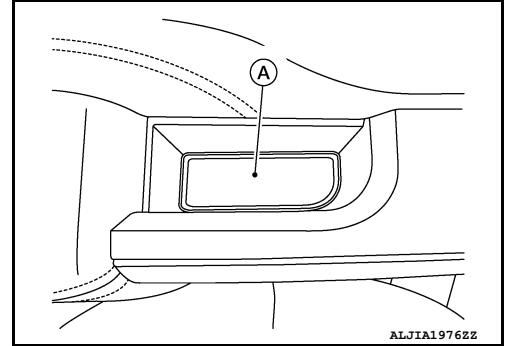
REAR DOOR FINISHER

< REMOVAL AND INSTALLATION >

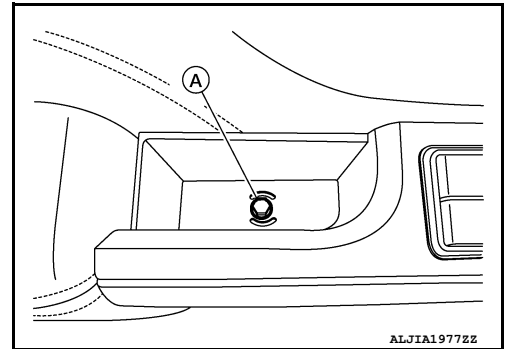
2. Remove screw (A) from inside door handle.




3. Remove switch finisher screw cover (A).

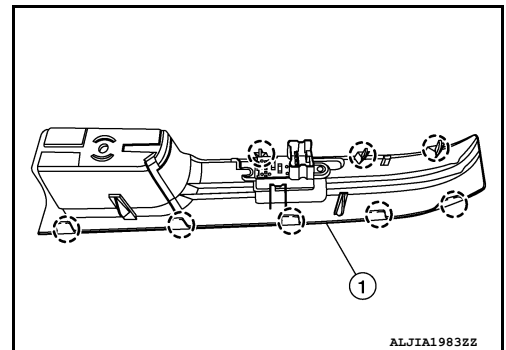


4. Remove screw (A).



5. Release the pawls and remove power window switch finisher (1).

 : Pawl

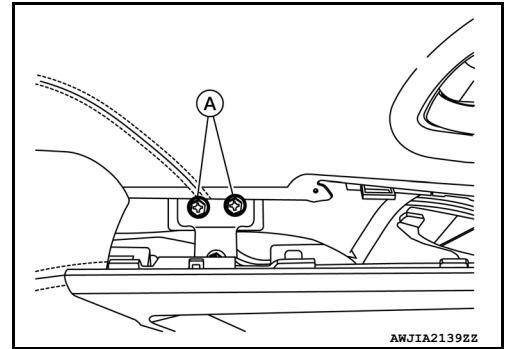


6. Disconnect the harness connector from the power window switch.

REAR DOOR FINISHER

< REMOVAL AND INSTALLATION >

7. Remove screws (A) from the bracket.



8. Insert a suitable tool between the bottom rear of the rear door panel and rear door finisher, then release clips and remove the rear door finisher. Refer to [INT-17, "Exploded View"](#).

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check the clips and pawls for deformation and damage during installation.
- When installing rear door finisher, check that clips are securely placed into door panel holes.

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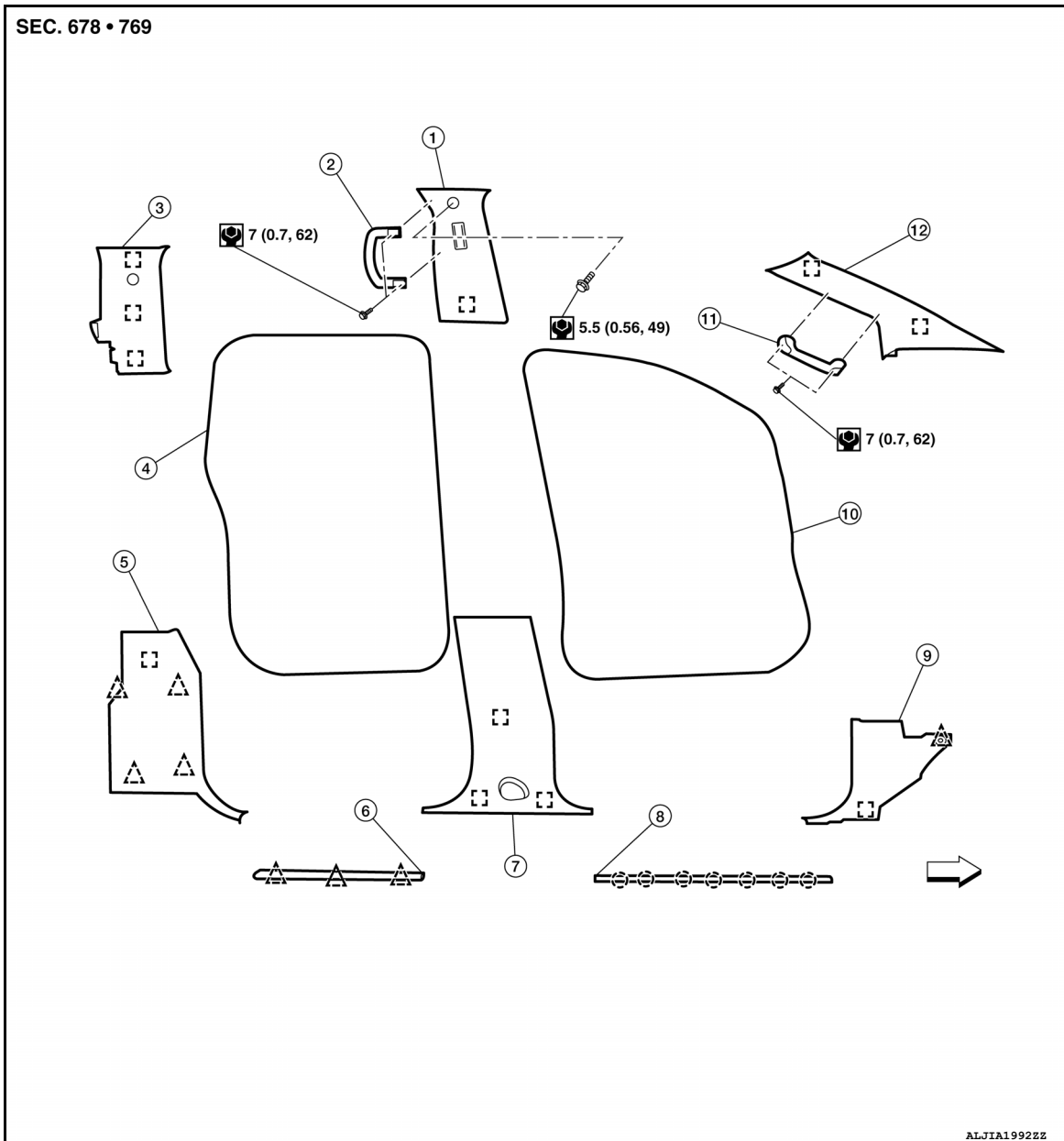
BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

BODY SIDE TRIM

Exploded View

INFOID:000000013232052



- | | | |
|---------------------------------|-------------------------------|-------------------------------|
| 1. Center pillar upper finisher | 2. Center pillar assist grip | 3. Rear pillar upper finisher |
| 4. Rear body side welt | 5. Rear pillar lower finisher | 6. Rear kicking plate |
| 7. Center pillar lower finisher | 8. Front kicking plate | 9. Dash side finisher |
| 10. Front body side welt | 11. Front pillar assist grip | 12. Front pillar finisher |
| Metal clip | Clip | Pawl |
| Front | | |

FRONT PILLAR FINISHER

FRONT PILLAR FINISHER : Removal and Installation

INFOID:000000013232053

REMOVAL

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

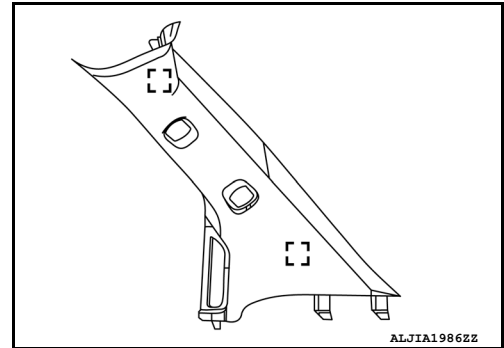
1. Partially remove front body side welt.
2. Using a suitable tool, release pawls and remove front pillar assist grip covers.
3. Remove bolts from assist grip, then remove assist grip.
4. Release metal clips, then remove front pillar finisher.

NOTE:

LH shown, RH similar.

 : Metal clip

5. Disconnect the harness connector from the front speaker.



INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check the metal clips for deformation and damage during installation. Replace with new ones if necessary.
- When installing front pillar finisher, check that metal clips are securely placed in body panel holes.

KICKING PLATE


KICKING PLATE : Removal and Installation

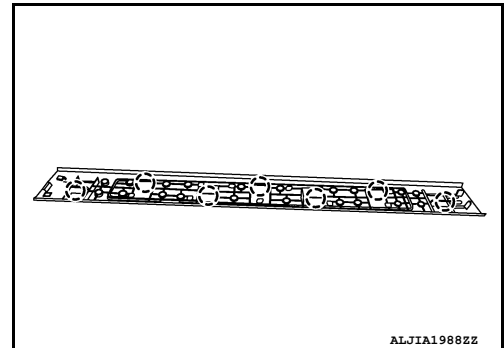
INFOID:000000013232054

FRONT KICKING PLATE

Removal

1. Release pawls from front kicking plate.

 : Pawl



2. Remove front kicking plate.

Installation

Installation is in the reverse order of removal.

CAUTION:

- Visually check pawls for deformation and damage during installation. Replace with new ones if necessary.
- When installing front kicking plate, check that pawls are securely placed in dash side finisher and center pillar lower finisher.

REAR KICKING PLATE

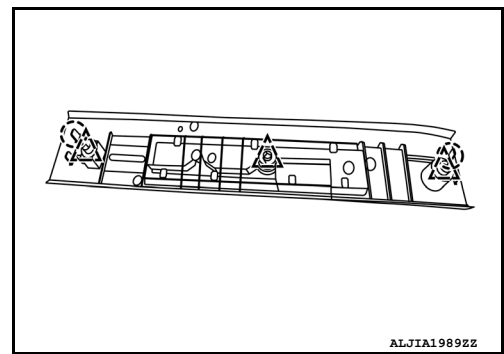
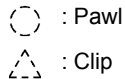
Removal

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BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

1. Using a suitable tool, release clips and pawls from rear kicking plate.



2. Remove rear kicking plate.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

When installing rear kicking plate, check that pawls are securely placed in center pillar lower finisher and rear pillar lower finisher.

DASH SIDE FINISHER

DASH SIDE FINISHER : Removal and Installation

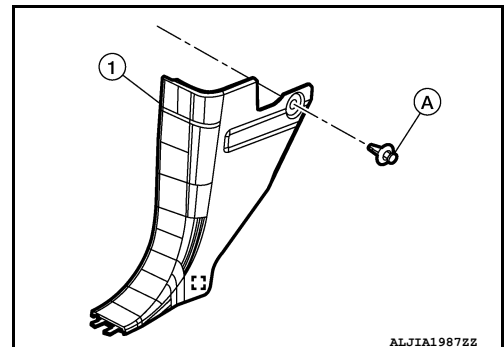
INFOID:000000013232055

REMOVAL

NOTE:

LH shown, RH similar.

1. Remove front kicking plate. Refer to [INT-21, "KICKING PLATE : Removal and Installation"](#).
2. Using a suitable tool, release push pin (A) from dash side finisher (1).
3. Using suitable tool, release metal clip from dash side finisher (1).



INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- **Visually check metal clip for deformation and damage during installation. Replace with new one if necessary.**
- **When installing dash side finisher, check that metal clip is securely placed in body panel hole.**

BODY SIDE WELT

BODY SIDE WELT : Removal and Installation

INFOID:000000013232056

FRONT BODY SIDE WELT

Removal

CAUTION:

Do not excessively pull body side welt.

1. Remove front kicking plate. Refer to [INT-21, "KICKING PLATE : Removal and Installation"](#).
2. Remove center pillar upper finisher. Refer to [INT-23, "CENTER PILLAR UPPER FINISHER : Removal and Installation"](#).

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

3. Remove front body side welt.

Installation

Installation is in the reverse order of removal.

REAR BODY SIDE WELT

Removal

CAUTION:

Do not excessively pull body side welt.

1. Remove rear kicking plate. Refer to [INT-21, "KICKING PLATE : Removal and Installation"](#).
2. Remove rear pillar upper finsher. Refer to [INT-25, "REAR PILLAR FINISHER : Removal and Installation"](#).
3. Remove rear body side welt.

Installation

Installation is in the reverse order of removal.

CENTER PILLAR LOWER FINISHER

CENTER PILLAR LOWER FINISHER : Removal and Installation

INFOID:000000013232057

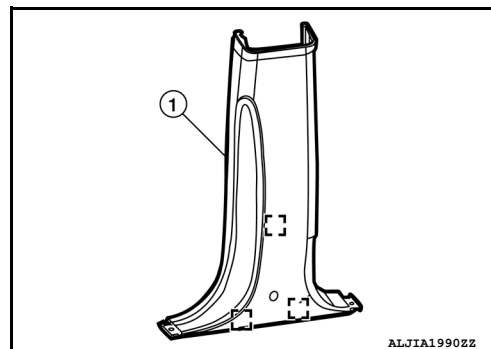
REMOVAL

NOTE:

RH shown, LH similar.

1. Remove seat belt anchor bolt. Refer to [SB-14, "Exploded View"](#).
2. Remove front kicking plate and rear kicking plate. Refer to [INT-21, "KICKING PLATE : Removal and Installation"](#).
3. Using a suitable tool between body panel and center pillar lower finsher (1), release metal clips.

 : Metal clip



4. Remove center pillar lower finsher.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check metal clips for deformation and damage during installation. Replace with new ones if necessary.
- When installing center pillar lower finsher, check that metal clips are securely placed in body panel holes.

CENTER PILLAR UPPER FINISHER

CENTER PILLAR UPPER FINISHER : Removal and Installation

INFOID:000000013232058


REMOVAL

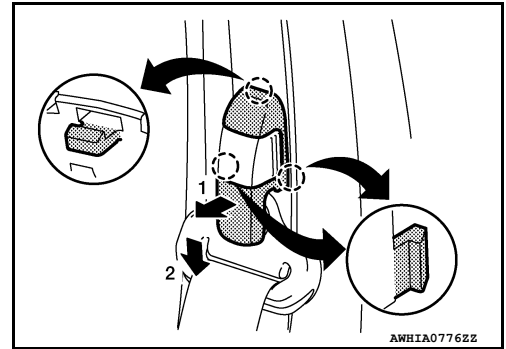
1. Remove center pillar lower finsher. Refer to [INT-23, "CENTER PILLAR LOWER FINISHER : Removal and Installation"](#).
2. Remove shoulder anchor using the following procedure:

BODY SIDE TRIM

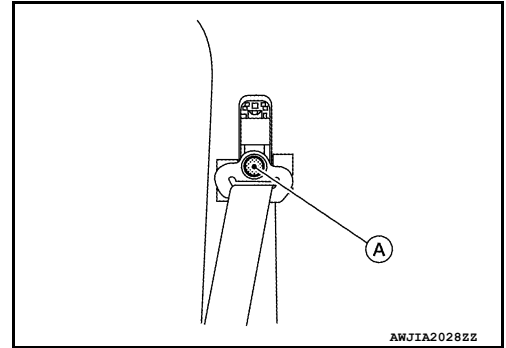
< REMOVAL AND INSTALLATION >

- a. Release pawls and then remove the shoulder anchor cover in the sequence shown.


 : Pawl

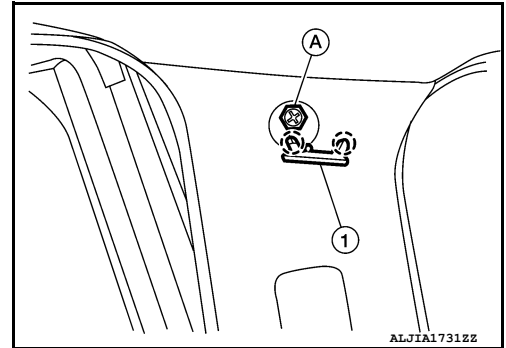


- b. Remove shoulder anchor bolt (A).



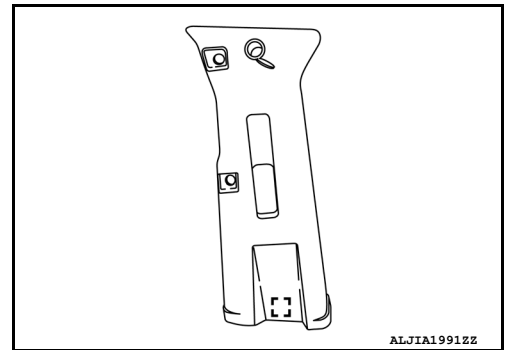
3. Release the pawls and position center pillar upper finisher cover (1) aside, then remove center pillar upper finisher bolt (A).

 : Pawl



4. Remove center assist grips covers.
5. Remove bolts from the center assist grips.
6. Remove the center assist grips.
7. Remove body side door welts.
8. Using a suitable tool, release metal clips, then remove center pillar upper finisher.

 : Metal clip



INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check the pawls and metal clips for deformation and damage during installation.
- When installing center pillar upper finisher, check that metal clips are securely placed into body panel holes.

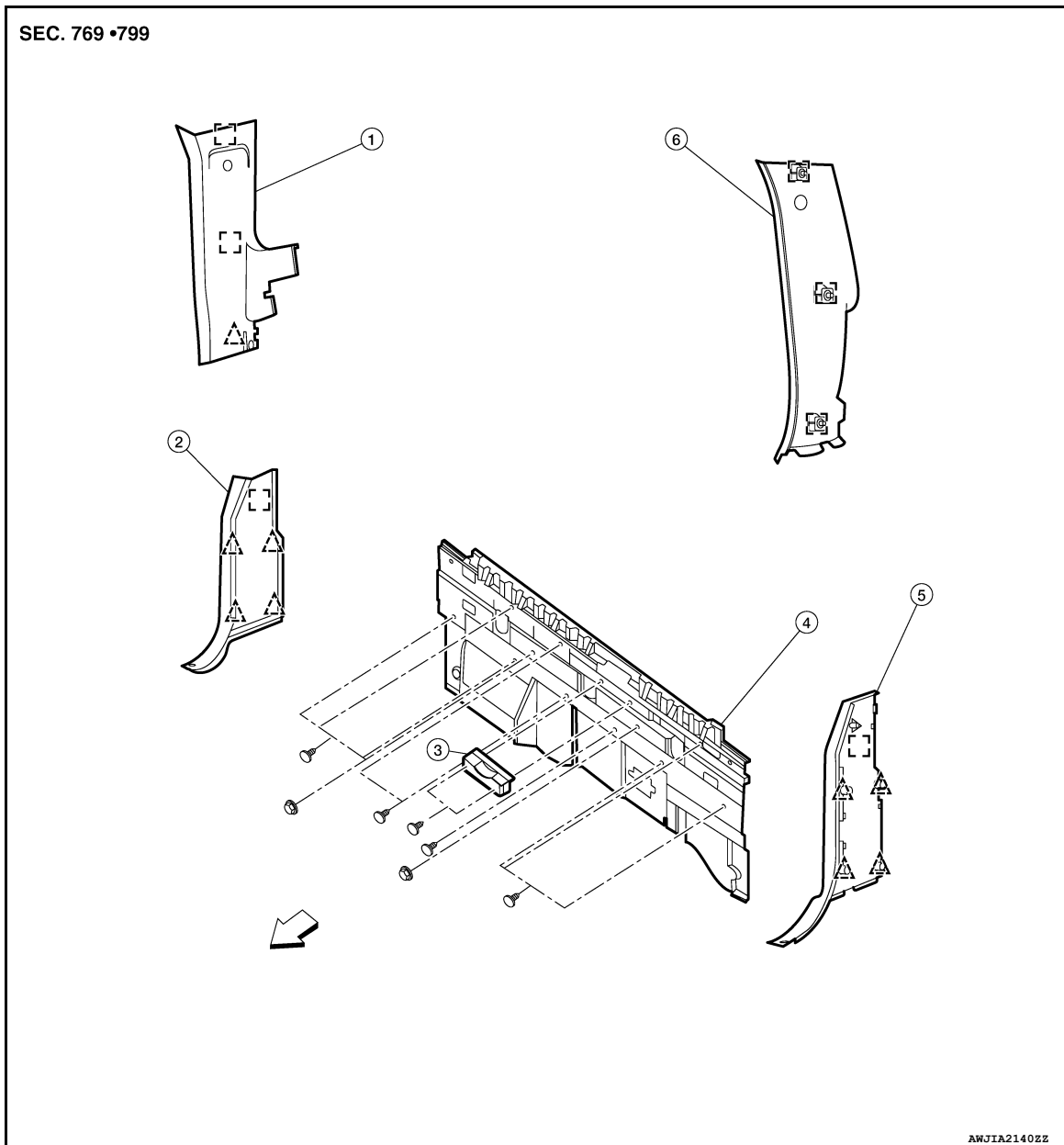
REAR PILLAR FINISHER

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

REAR PILLAR FINISHER : Exploded View

INFOID:000000013493675



- | | | |
|---------------------------|---------------------------|--------------------------------|
| 1. Rear upper finisher LH | 2. Rear lower finisher LH | 3. Center anchor bracket cover |
| 4. Rear lower panel | 5. Rear lower finisher RH | 6. Rear upper finisher RH |
- △ Clip □ Metal clip

REAR PILLAR FINISHER : Removal and Installation

INFOID:000000013493673

REAR PILLAR LOWER FINISHER

Removal

1. Remove the rear seat. Refer to [SE-116, "LH SEAT : Removal and Installation"](#) (LH SEAT) or [SE-116, "RH SEAT : Removal and Installation"](#) (RH SEAT).
2. Remove rear seat belt lower anchor bolt. Refer to [SB-14, "Exploded View"](#).
3. Remove rear kicking plate. Refer to [INT-21, "KICKING PLATE : Removal and Installation"](#).
4. Using suitable tool, remove the rear pillar lower finisher.

CAUTION:

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

Do not damage the body panel.

Installation

Installation is in the reverse order of removal.

CAUTION:

- **Visually check clips for deformation and damage during installation. Replace with new ones if necessary.**
- **When installing rear pillar lower finisher, check that clips and metal clips are securely placed in body panel holes.**
- **Check that clips and metal clips of rear pillar lower finisher are engaged to rear panel finisher.**

REAR PILLAR UPPER FINISHER

Removal

1. Remove rear pillar lower finisher.
2. Using suitable tool, remove D-ring anchor bolt cover. Refer to [SB-14, "Exploded View"](#).
3. Remove D-ring anchor bolt. Refer to [SB-14, "Exploded View"](#).
4. Partially remove rear body side welt. Refer to [INT-20, "Exploded View"](#).
5. Using suitable tool, remove the rear pillar upper finisher.

CAUTION:

Do not damage the body panel.

Installation

Installation is in the reverse order of removal.

CAUTION:

- **Visually check clips for deformation and damage during installation. Replace with new ones if necessary.**
- **When installing rear pillar upper finisher, check that clips and metal clips are securely placed in body panel holes.**
- **Check that clips and metal clips of rear pillar upper finisher are engaged to rear panel finisher.**

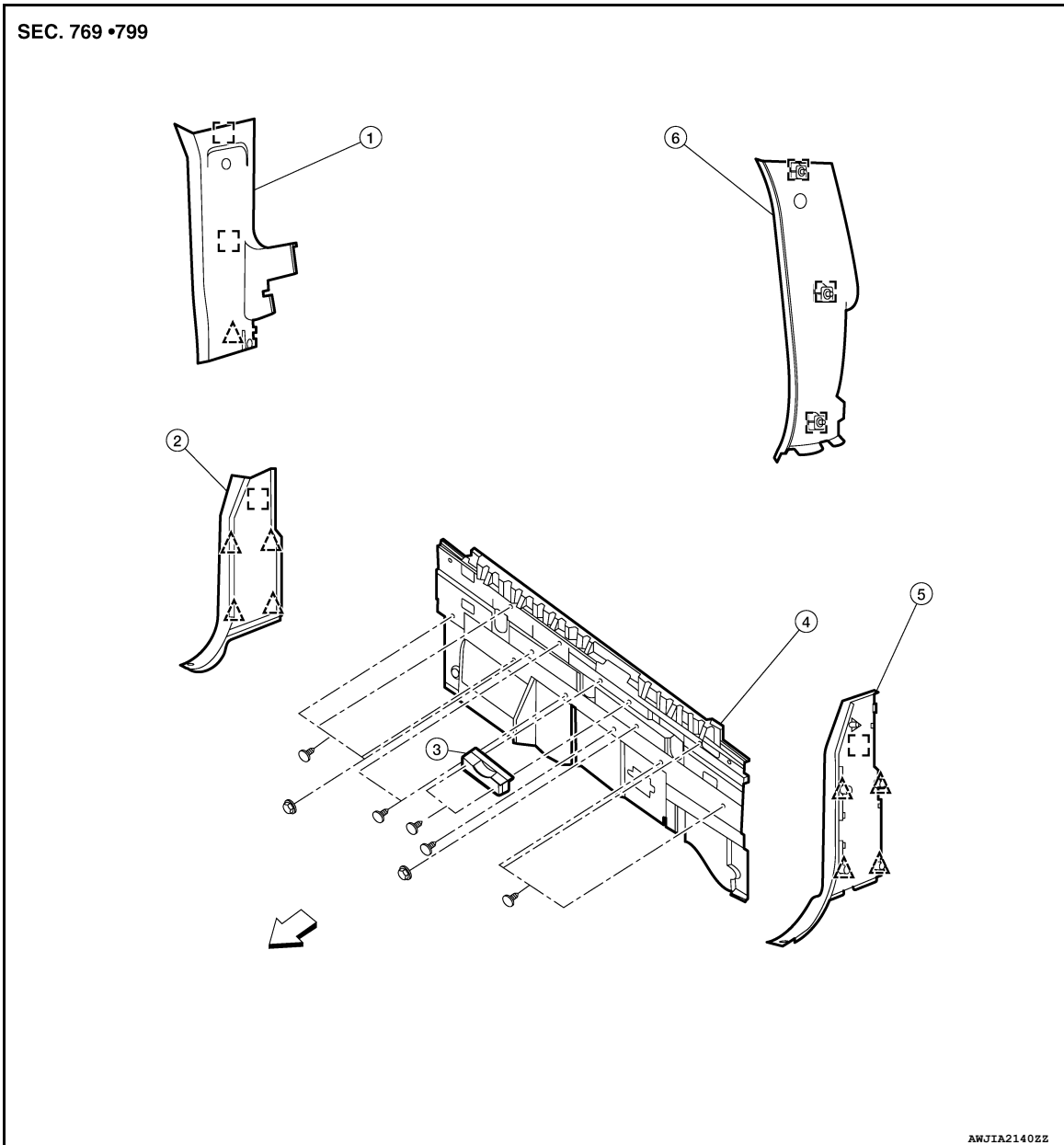
REAR PANEL FINISHER

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

REAR PANEL FINISHER : Exploded View

INFOID:000000013232059



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|------------------------------------|------------------------------------|------------------------------------|
| 1. Rear pillar upper finisher (RH) | 2. Rear pillar lower finisher (RH) | 3. Center anchor bracket cover |
| 4. Rear panel finisher | 5. Rear pillar lower finisher (LH) | 6. Rear pillar upper finisher (RH) |
- △ Clip □ Metal clip

REAR PANEL FINISHER : Removal and Installation

INFOID:000000013232060

REMOVAL

CAUTION:

- Use a suitable tool to remove metal clips from finishers.

Removal

1. Remove rear pillar upper finisher (LH/RH). Refer to [INT-25, "REAR PILLAR FINISHER : Removal and Installation"](#).
2. Remove bolts from seatback striker and remove seatback striker.
3. Remove rear panel finisher.

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

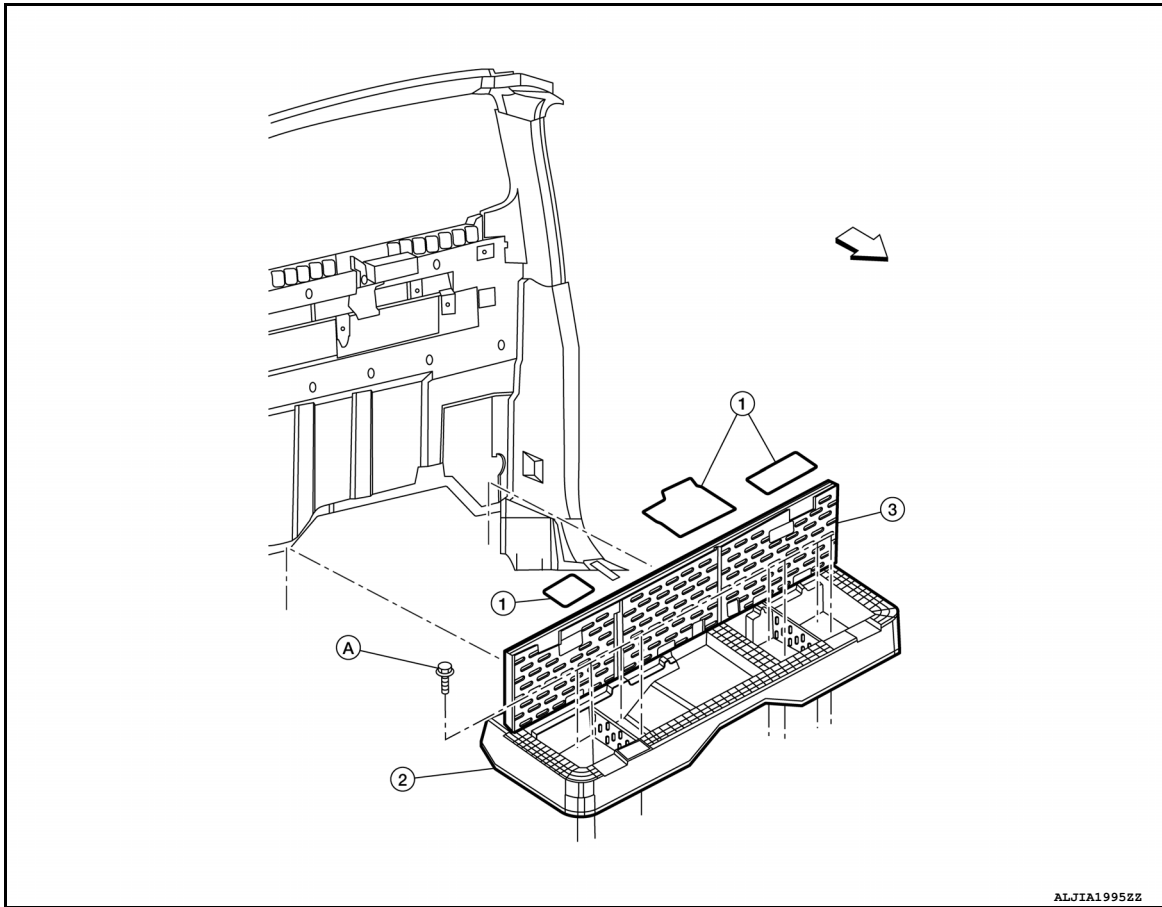
Installation

Installation is in the reverse order of removal.

STORAGE BOX

STORAGE BOX : Exploded View

INFOID:000000013232061



1. Cover

2. Storage box

3. Storage box cover

A. Refer to INSTALLATION

⇐ Front

STORAGE BOX : Removal and Installation

INFOID:000000013232062

REMOVAL

1. Fold rear seat (LH/RH) up.
2. Open storage box and remove storage box covers.
3. Remove bolts from storage box.
4. Remove storage box.

INSTALLATION

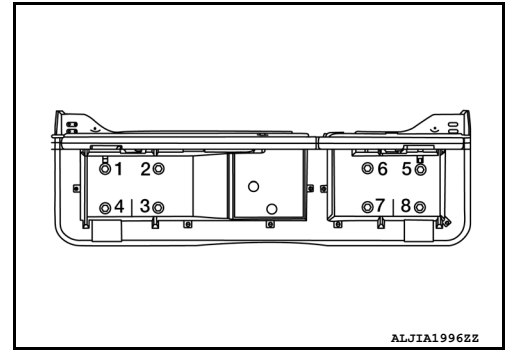
Installation is in the reverse order of removal.

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

Tighten the bolts to specification in the sequence shown.

Torque : 8 N·m (0.8 kg-m, 71 in-lb)



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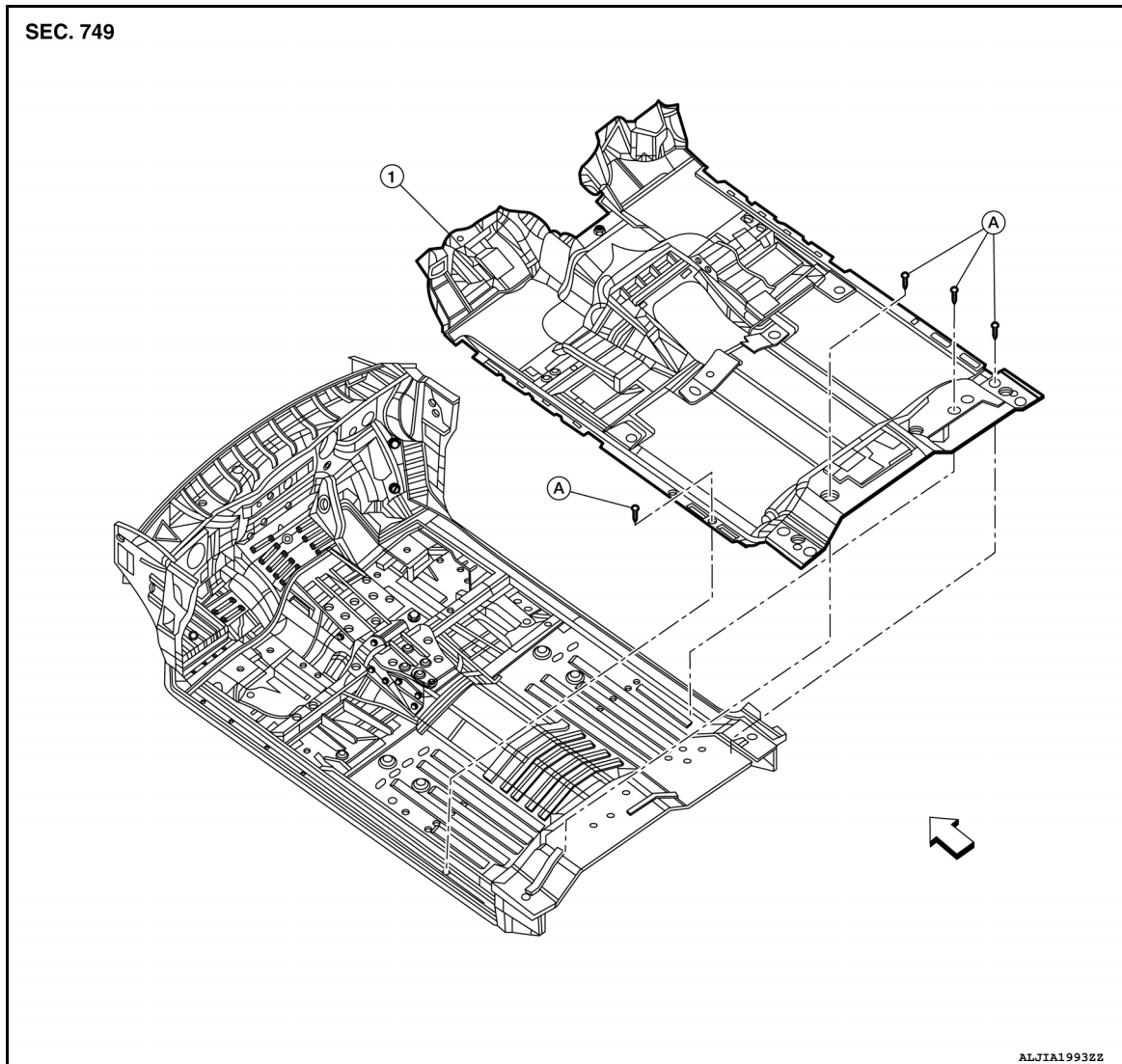
FLOOR TRIM

< REMOVAL AND INSTALLATION >

FLOOR TRIM

Exploded View

INFOID:000000013244373



1. Carpet

A. Clip

⇐ Front

Removal and Installation

INFOID:000000012545578

REMOVAL

1. Disconnect the battery or batteries. Refer to [PG-174, "Battery Disconnect"](#).
2. Remove the instrument lower panel (LH). Refer to [IP-22, "Removal and Installation"](#).
3. Remove the front seats. Refer to [SE-100, "Removal and Installation - Captain Seats"](#).
4. Remove the rear seats. Refer to [SE-116, "LH SEAT : Removal and Installation"](#) (LH SEAT) and [SE-116, "RH SEAT : Removal and Installation"](#) (RH SEAT).
5. Remove the jack and tool set.
6. Remove the jack and tool set bracket bolts and remove the bracket.
7. Remove the storage box. Refer to [INT-28, "STORAGE BOX : Removal and Installation"](#)
8. Remove the subwoofer (if equipped). Refer to [AV-285, "Removal and Installation"](#).
9. Remove the audio amp. Refer to [AV-286, "Removal and Installation"](#).
10. Remove the Around View Monitor control unit. Refer to [AV-360, "Removal and Installation"](#).

FLOOR TRIM

< REMOVAL AND INSTALLATION >

11. Remove the center console. Refer to [IP-24, "Removal and Installation"](#).
12. Remove the dash side finisher. Refer to [INT-22, "DASH SIDE FINISHER : Removal and Installation"](#).
13. Remove the center pillar lower finisher. Refer to [INT-23, "CENTER PILLAR LOWER FINISHER : Removal and Installation"](#).
14. Remove the rear pillar lower finisher. Refer to [INT-25, "REAR PILLAR FINISHER : Removal and Installation"](#).
15. Remove the floor trim.

INSTALLATION

Installation is in the reverse order of removal.

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INT

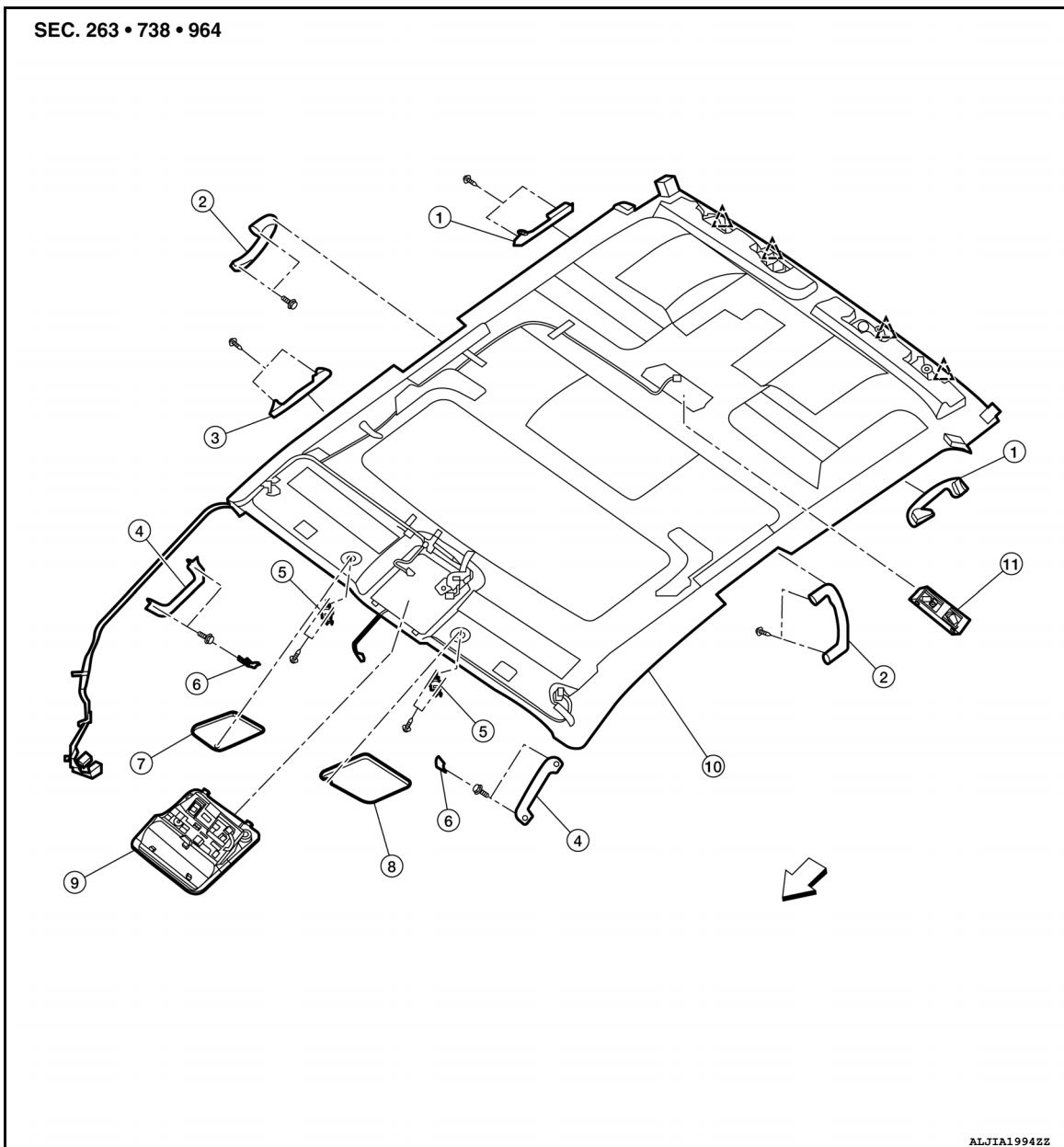
HEADLINING

< REMOVAL AND INSTALLATION >

HEADLINING

Exploded View

INFOID:000000013244375



- | | | |
|-----------------------------------|---------------------|--------------------------------------|
| 1. Assist grip (with coat hanger) | 2. Rear assist grip | 3. Assist grip (without coat hanger) |
| 4. Front assist grip | 5. Sun visor holder | 6. Front assist grip covers |
| 7. Sun visor (RH) | 8. Sun visor (LH) | 9. Front room/map lamp assembly |
| 10. Headliner | 11. Personal lamp | △ Clip |
- ⇐ Front

Removal and Installation

INFOID:000000012545579

REMOVAL

1. Disconnect battery or batteries. Refer to [PG-174, "Battery Disconnect"](#).
2. Partially remove the front and rear door welts.
3. Remove the front pillar finisher. Refer to [INT-20, "FRONT PILLAR FINISHER : Removal and Installation"](#).

HEADLINING

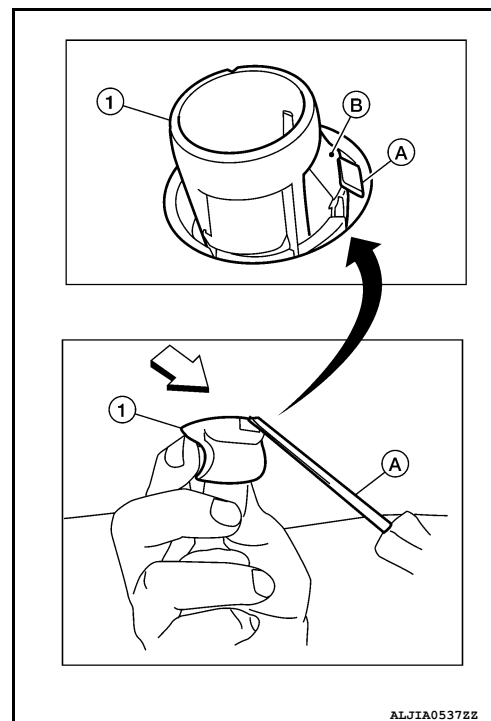
< REMOVAL AND INSTALLATION >

4. Remove the center pillar upper finisher. Refer to [INT-20. "FRONT PILLAR FINISHER : Removal and Installation"](#).
5. Remove the rear upper pillar finisher. Refer to [INT-25. "REAR PILLAR FINISHER : Removal and Installation"](#).
6. Remove the sun visors (LH/RH) with the following procedure:
 - a. Insert a suitable thin tool (A) at approximately a 30-degree angle into the sun visor holder notch on the front of the sun visor holder (1) and press in the locking tab (B) to release it. While holding in lock tab (B), turn the sun visor holder (1) 90 degrees to release it from the headliner.
 - If the sun visor holder (1) does not fully rotate, make sure that the suitable thin tool (A) is pressing in on the locking tab (B) and is not positioned under locking tab (B). Reinsert the suitable thin tool (A) as necessary to release the locking tab (B).

↔ : Front

CAUTION:

Do not force the sun visor holder when removing as the locking tab may be damaged if the suitable thin tool is not positioned correctly.



7. Remove rain sensor cover (if equipped).
8. Disconnect the harness connector from the rain sensor (if equipped).
9. Disconnect the harness connector from the inside mirror.
10. Remove the front room/map lamp assembly. Refer to [INL-68. "Removal and Installation"](#).
11. Remove the personal lamp. Refer to [INL-72. "Removal and Installation"](#).
12. Remove the front assist grip covers.
13. Remove the screws from the front assist grips and remove front assist grips.
14. Remove the rear assist grip covers.
15. Remove the screws from the rear assist grips and remove rear assist grips.
16. Remove the assist grip (with coat hanger) covers.
17. Remove the screws from the assist grip (with coat hanger) and remove assist grip (with coat hanger).
18. Remove the assist grip (without coat hanger) covers.
19. Remove the screws from the assist grip (without coat hanger) and remove assist grip (without coat hanger).
20. Remove the rear window glass. Refer to [GW-27. "Removal and Installation"](#).
21. Remove the headlining through the rear window glass opening.

CAUTION:

Do not bend or twist headlining when removing.

INSTALLATION

Installation is in the reverse order of removal.