

SECTION **INT**
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CONTENTS

DTC/CIRCUIT DIAGNOSIS	2	REMOVAL AND INSTALLATION	18
SUNSHADE	2	FRONT DOOR FINISHER	18
Component Parts Location	2	Exploded View	18
Reference Value	2	Removal and Installation	18
WIRING DIAGRAM	3	REAR DOOR FINISHER	21
REAR SUNSHADE	3	Exploded View	21
Wiring Diagram	3	Removal and Installation	21
SYMPTOM DIAGNOSIS	6	BODY SIDE TRIM	23
SQUEAK AND RATTLE TROUBLE DIAG- NOSES	6	Exploded View	23
Work Flow	6	Removal and Installation	24
Generic Squeak and Rattle Troubleshooting	7	REAR PARCEL SHELF FINISHER	27
Diagnostic Worksheet	10	Exploded View	27
PRECAUTION	12	Removal and Installation	28
PRECAUTIONS	12	REAR SUNSHADE	29
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TEN- SIONER"	12	Removal and Installation	29
Precaution for Work	12	FLOOR TRIM	30
PREPARATION	13	Exploded View	30
PREPARATION	13	Removal and Installation	30
Special Service Tool	13	HEADLINING	33
Commercial Service Tools	13	Exploded View	33
CLIP LIST	14	Removal and Installation	33
Descriptions for Clips	14	TRUNK ROOM TRIM & TRUNK LID FINISH- ER	36
		Exploded View	36
		Removal and Installation	36

SUNSHADE

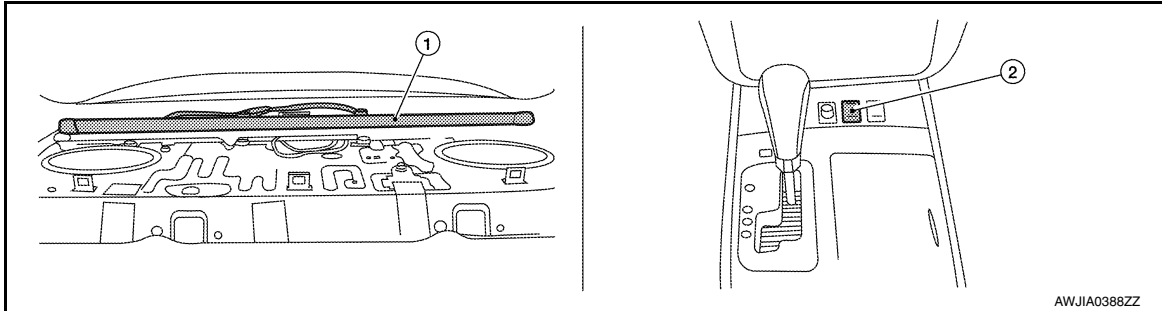
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DTC/CIRCUIT DIAGNOSIS

SUNSHADE

Component Parts Location

INFOID:000000009465870



1. Rear sunshade unit B22
(View with the rear parcel shelf finisher removed)
2. Rear sunshade switch M308

Reference Value

INFOID:000000009465871

Terminal	Wire color	Item	Condition	Voltage (V)
1	V	Ignition switch (ON or START)	Ignition switch is ON or START position	Battery voltage
2	B	Ground	—	0
5	P	Rear sunshade DOWN signal	Rear sunshade switch in DOWN position	0
			Rear sunshade switch released	Battery voltage
6	R	Rear sunshade UP signal	Rear sunshade switch in UP position	0
			Rear sunshade switch released	Battery voltage

REAR SUNSHADE

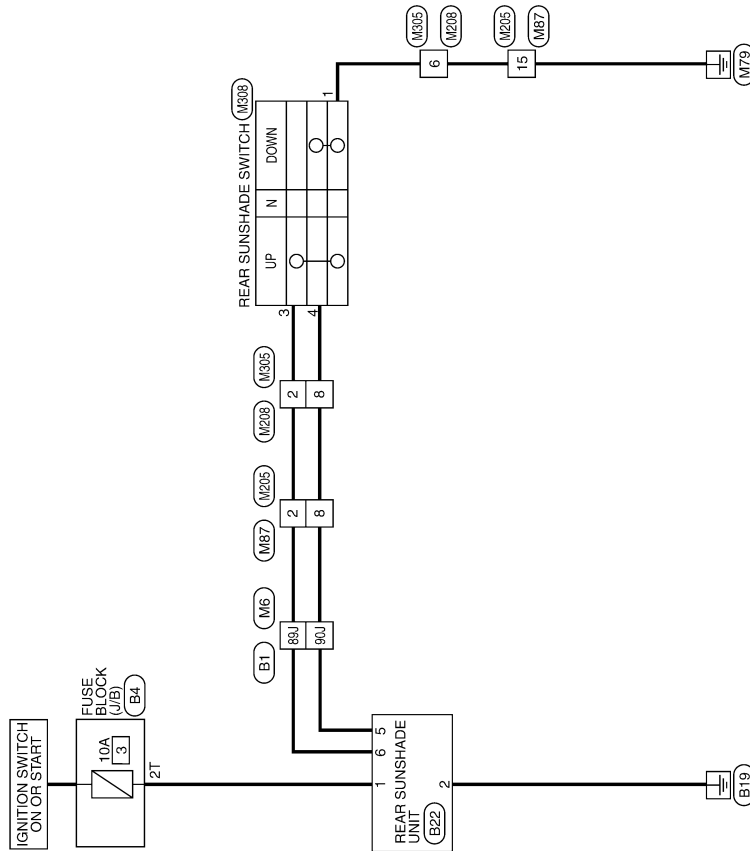
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WIRING DIAGRAM

REAR SUNSHADE

Wiring Diagram

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REAR SUNSHADE

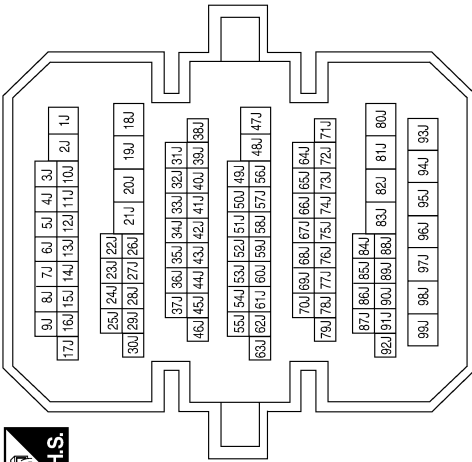
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REAR SUNSHADE

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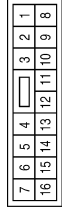
REAR SUNSHADE CONNECTORS

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Color	WHITE



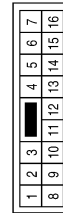
Terminal No.	Color of Wire	Signal Name
89J	R	-
90J	P	-

Connector No.	M87
Connector Name	WIRE TO WIRE
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
2	R	-
8	P	-
15	B	-

Connector No.	M205
Connector Name	WIRE TO WIRE
Connector Color	BROWN



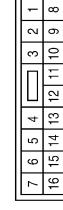
Terminal No.	Color of Wire	Signal Name
2	R	-
8	P	-
15	B	-

Connector No.	M208
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
2	R	-
6	B	-
8	P	-

Connector No.	M305
Connector Name	WIRE TO WIRE
Connector Color	WHITE



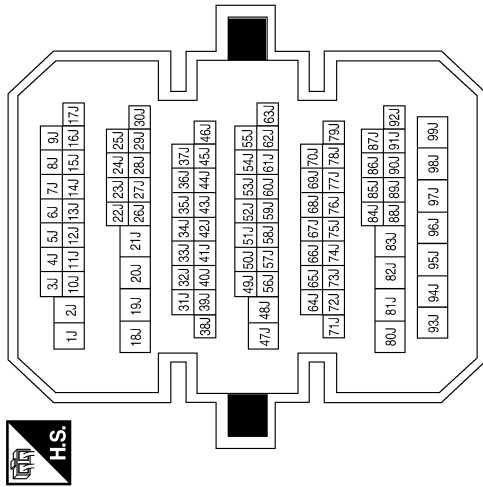
Terminal No.	Color of Wire	Signal Name
2	R	-
6	B	-
8	P	-

REAR SUNSHADE

< WIRING DIAGRAM >

Terminal No.	Color of Wire	Signal Name
89J	R	-
90J	P	-

Connector No.	B1
Connector Name	WIRE TO WIRE
Connector Color	WHITE

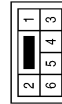


Connector No.	M308
Connector Name	REAR SUNSHADE SWITCH
Connector Color	WHITE



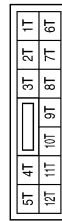
Terminal No.	Color of Wire	Signal Name
1	B	-
3	R	-
4	P	-

Connector No.	B22
Connector Name	REAR SUNSHADE UNIT
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	V	IG
2	B	GND
3	-	-
4	-	-
5	P	DOWN
6	R	UP

Connector No.	B4
Connector Name	FUSE BLOCK (J/B)
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
2T	V	-

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

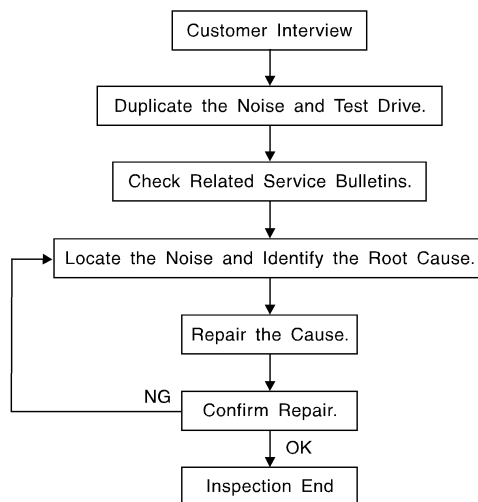
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SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:000000009895356



SBT842

CUSTOMER INTERVIEW

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

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

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-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-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:000000009895357

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

G

H

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

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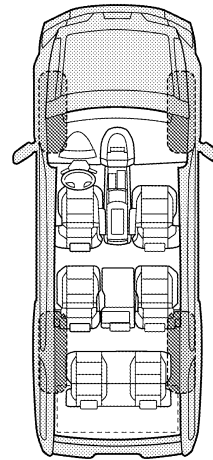
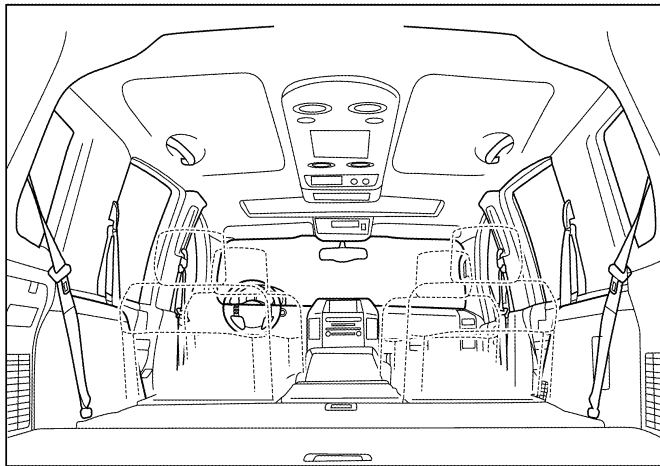
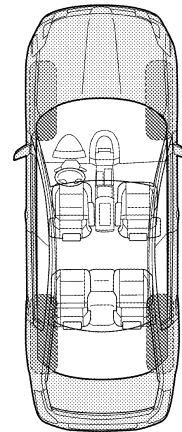
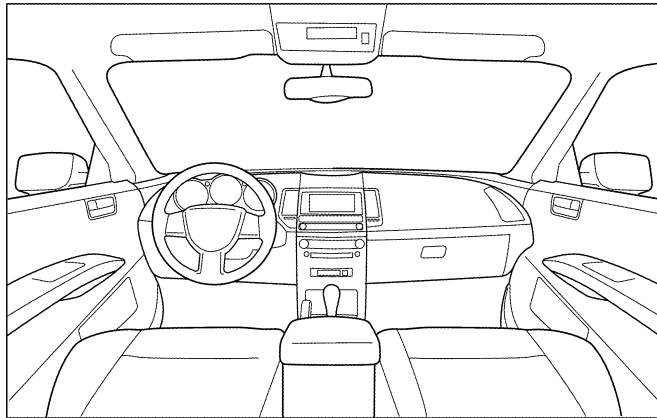
Dear Customer:

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

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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

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

INFOID:000000009465876

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 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, 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 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 Airbag Diagnosis Sensor Unit or other Airbag 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, and wait at least 3 minutes before performing any service.

Precaution for Work

INFOID:000000009763313

- 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

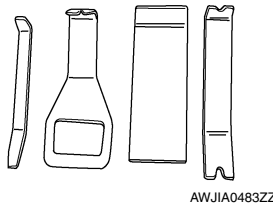
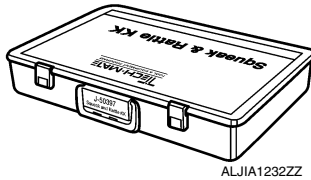
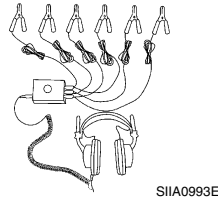
PREPARATION

Special Service Tool

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

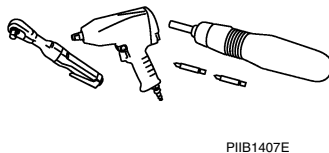
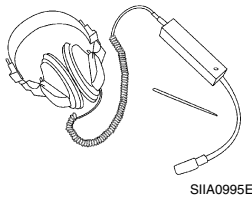
Tool number (TechMate No.) Tool name	Description
— (J-39570) Chassis Ear	Locating the noise
— (J-50397) NISSAN Squeak and Rattle Kit	Repairing the cause of noise
— (J-46534) Trim Tool Set	Removing trim components



Commercial Service Tools

INFOID:000000009465879

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



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CLIP LIST


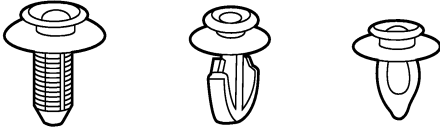


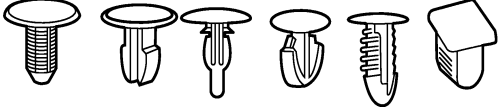
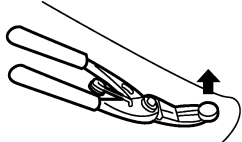

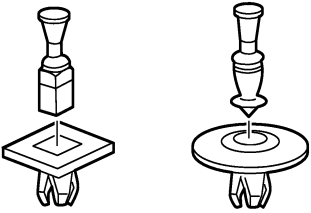
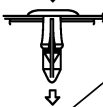
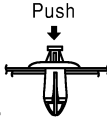

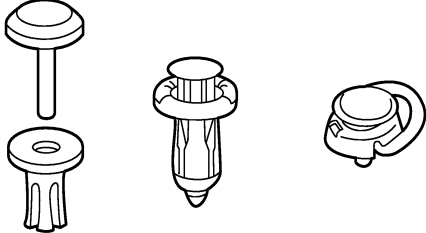
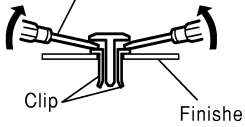

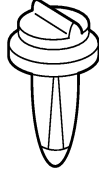
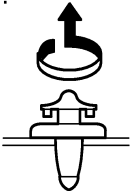
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CLIP LIST

Descriptions for Clips

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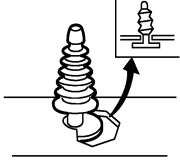
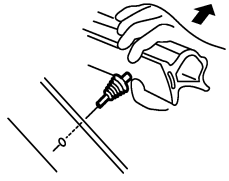

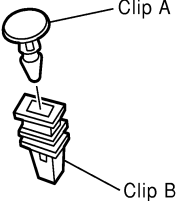
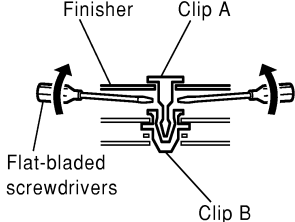

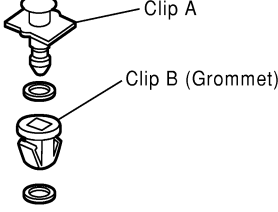
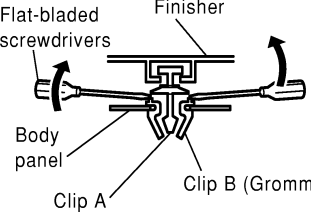


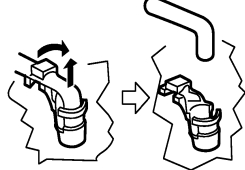

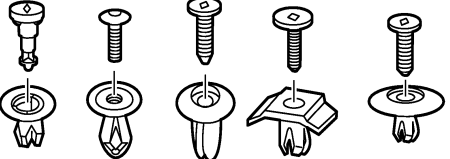

Replace any clips which are damaged during removal or installation.

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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CLIP LIST

< PREPARATION >


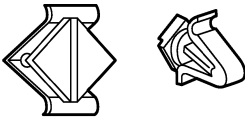

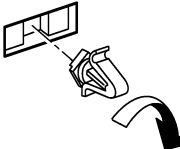

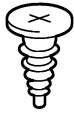



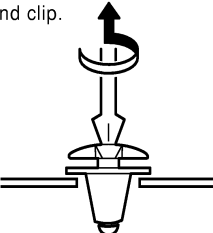


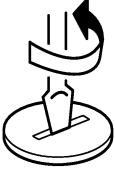
Symbol No.	Shapes	Removal & Installation
<p>CE103</p> 		<p>Removal:</p> 
<p>CF110</p> 		<p>Removal:</p> 
<p>CF118</p> 		<p>Removal:</p> 
<p>CR103</p> 		<p>Removal: Holder portion of clip must be spread out to remove rod.</p> 
<p>CS101</p> 		<p>Removal:</p> <ol style="list-style-type: none"> 1. Screw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

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CLIP LIST


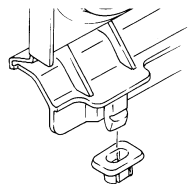
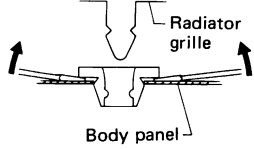
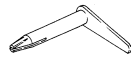
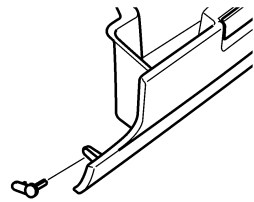
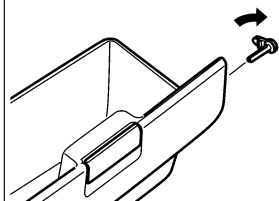

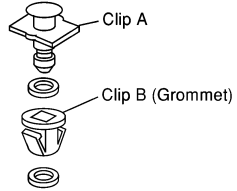
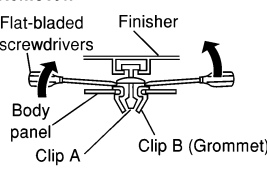
< PREPARATION >

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 			

SIIA0317E

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 Finisher</p> 

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FRONT DOOR FINISHER

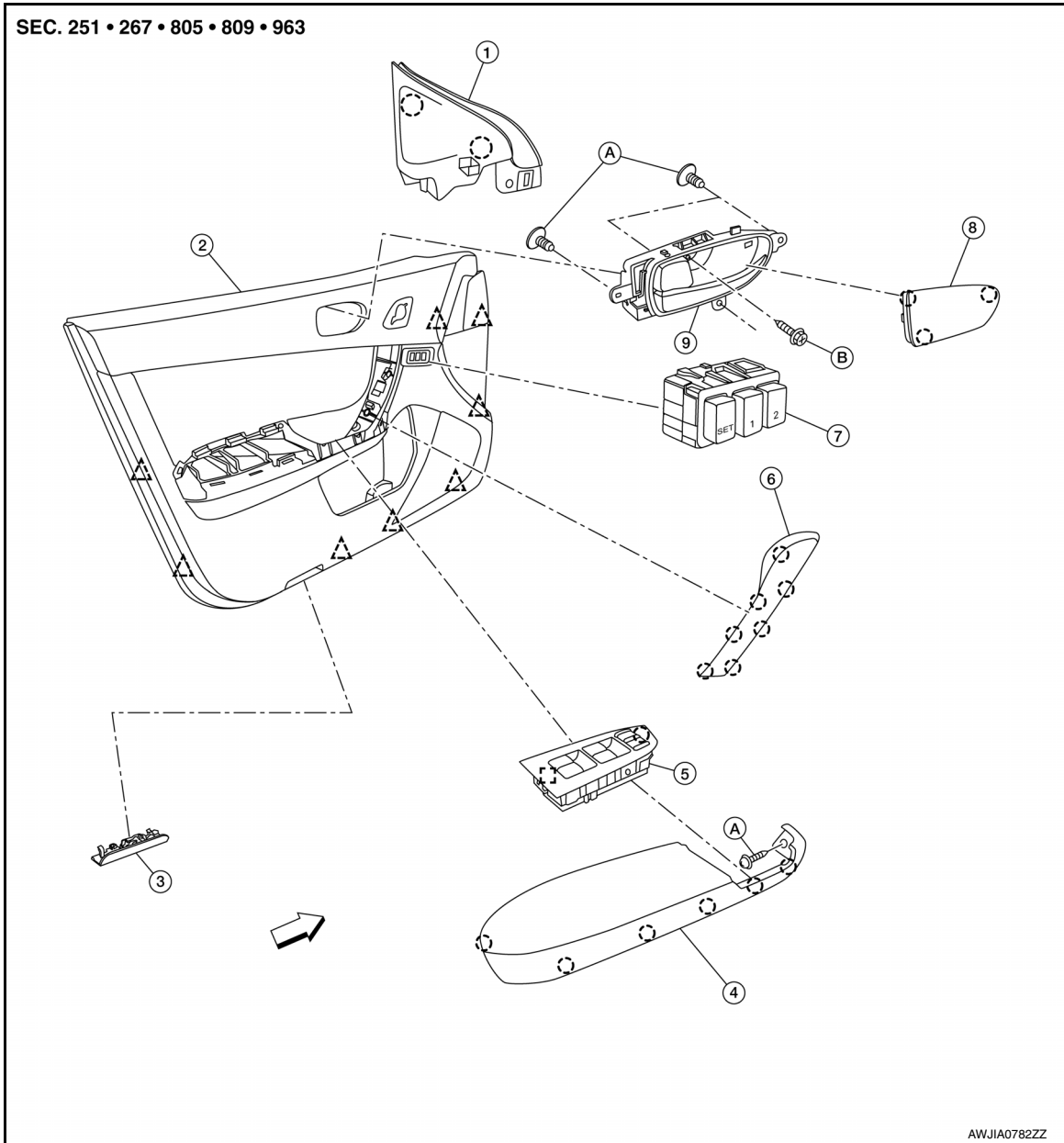
< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

FRONT DOOR FINISHER

Exploded View

INFOID:000000009465881



- | | | |
|-------------------------------------|---|--------------------------|
| 1. Mirror cover | 2. Front door finisher | 3. Step lamp |
| 4. Arm rest finisher | 5. Main power window and door lock/
unlock switch finisher | 6. Front door grip cover |
| 7. Seat memory switch (if equipped) | 8. Inside release handle escutcheon | 9. Inside release handle |
| A. Flat head screws | B. Screws | ⇐ Front |
| ☐ Metal clip | ○ Pawl | △ Clip |

Removal and Installation

INFOID:000000009465882

REMOVAL

1. Remove the step lamp. Refer to [INL-84. "Removal and Installation"](#).

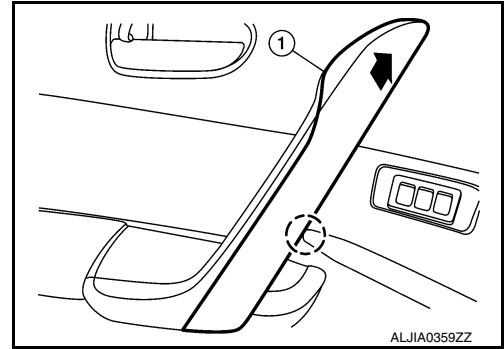
FRONT DOOR FINISHER

< REMOVAL AND INSTALLATION >

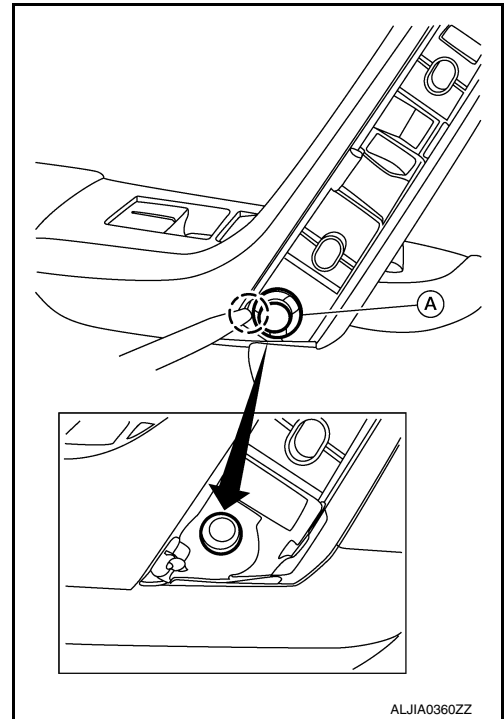
2. Release the pawls at the rear edge and remove the inside release handle escutcheon, then remove the screw.
3. Remove the front door grip cover (1) by using a suitable tool to release the pawls.

CAUTION:

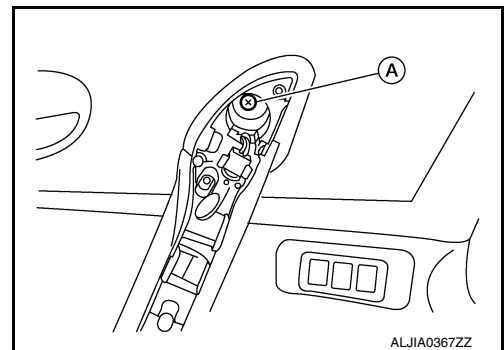
- Use suitable tool to release at the point shown or damage may occur to the pawls.
- Lift upward on front door grip cover to release pawls and remove.
- Wrap the tip of a suitable tool with a cloth when removing metal clips from finisher.



4. Remove the front door grip clip (A).



5. Remove the front door grip screw (A).



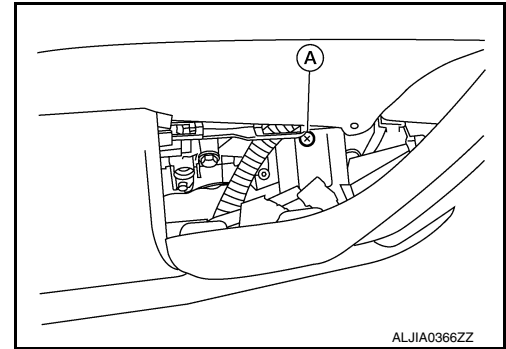
6. Remove the power window and door lock/unlock switch and finisher as an assembly. Refer to [PWC-107. "Removal and Installation"](#) (MAIN) or [PWC-108. "Removal and Installation"](#) (RH).

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FRONT DOOR FINISHER

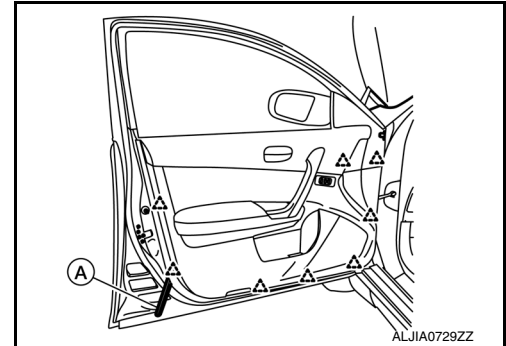
< REMOVAL AND INSTALLATION >

7. Remove the front door finisher screw (A) under power window and door lock/unlock switch finisher.



8. Release the front door finisher clips using a suitable tool (A).

△: Clip



9. Disconnect the harness connector from the seat memory switch (if equipped).
10. Disconnect inside handle and lock knob cables from front door finisher.
11. Disconnect the harness connector from the power window and door lock/unlock switch lamp.
12. Remove the front door finisher.

INSTALLATION

Installation is in the reverse order of removal.

- If installing a new front door finisher, transfer all the necessary parts to the new front door finisher.

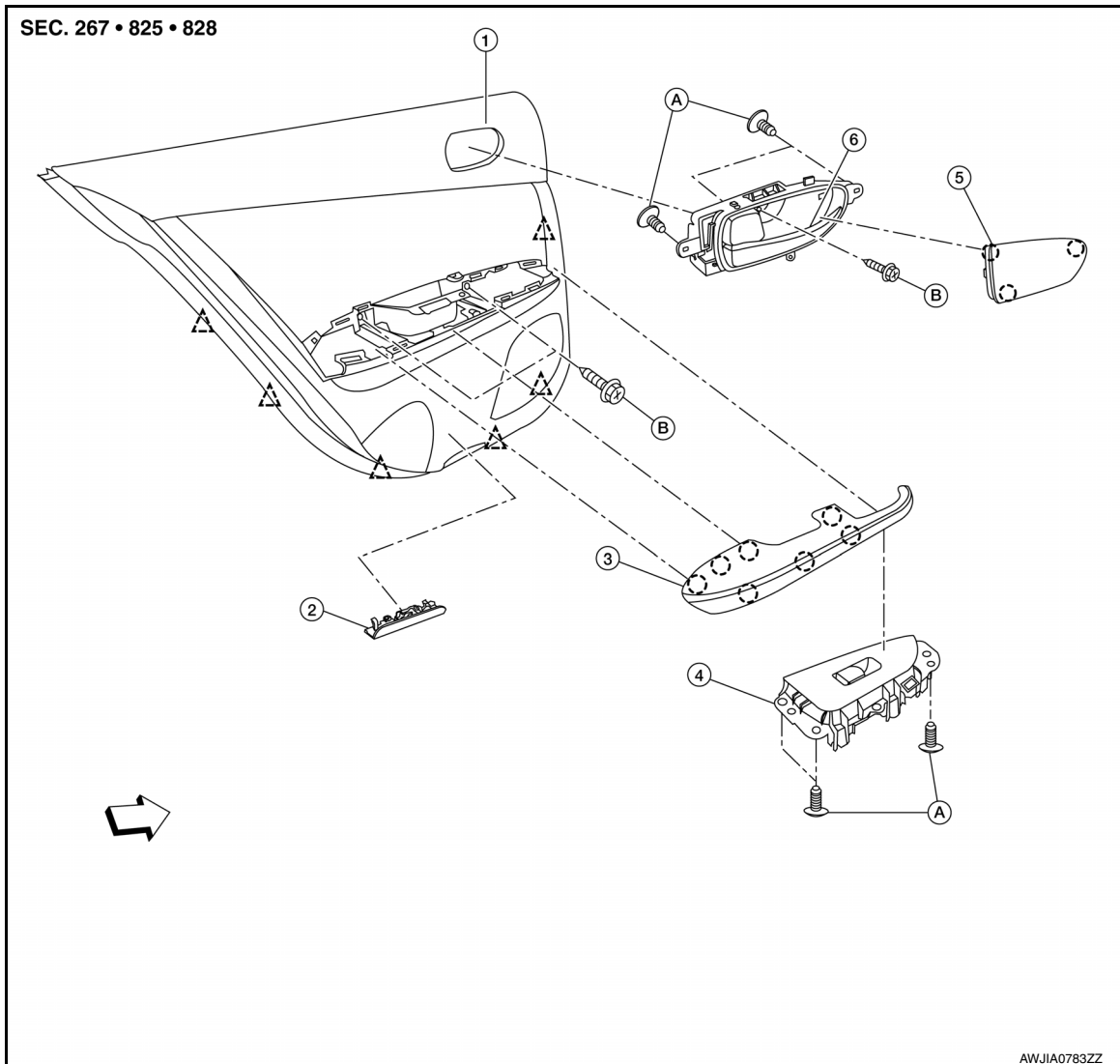
REAR DOOR FINISHER

< REMOVAL AND INSTALLATION >

REAR DOOR FINISHER

Exploded View

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|--------------------------------------|-------------------------------------|--------------------------|
| 1. Rear door finisher | 2. Step lamp | 3. Armrest finisher |
| 4. Rear power window switch finisher | 5. Inside release handle escutcheon | 6. Inside release handle |
| A. Flat head screws | B. Screw | △ Clip |
| ○ Pawl | ⇐ Front | |

Removal and Installation

INFOID:000000009465884

CAUTION:
Wrap the tip of a suitable tool with a cloth when removing metal clips from finishers.

REMOVAL

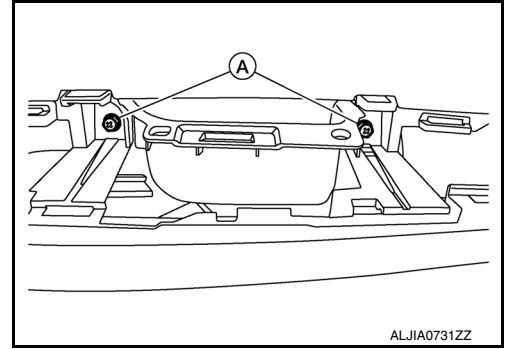
1. Remove the step lamp. Refer to [INL-84, "Removal and Installation"](#).
2. Release the pawls at the rear edge and remove the inside release handle escutcheon, then remove the screw.
3. Remove the rear door armrest.
 - a. Lift up to release the rear door armrest pawls.
 - b. Disconnect the harness connector from the rear power window switch.

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REAR DOOR FINISHER

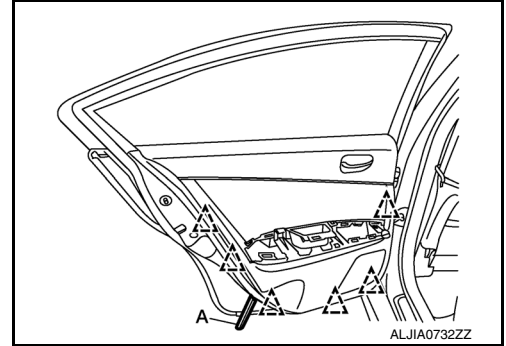
< REMOVAL AND INSTALLATION >

4. Remove the rear door finisher screws (A).



5. Release the rear door finisher clips using a suitable tool (A).

△: Clip



6. Disconnect inside handle cable and the door lock cable from the back of rear door finisher.
7. Remove the rear door finisher.

INSTALLATION

Installation is in the reverse order of removal.

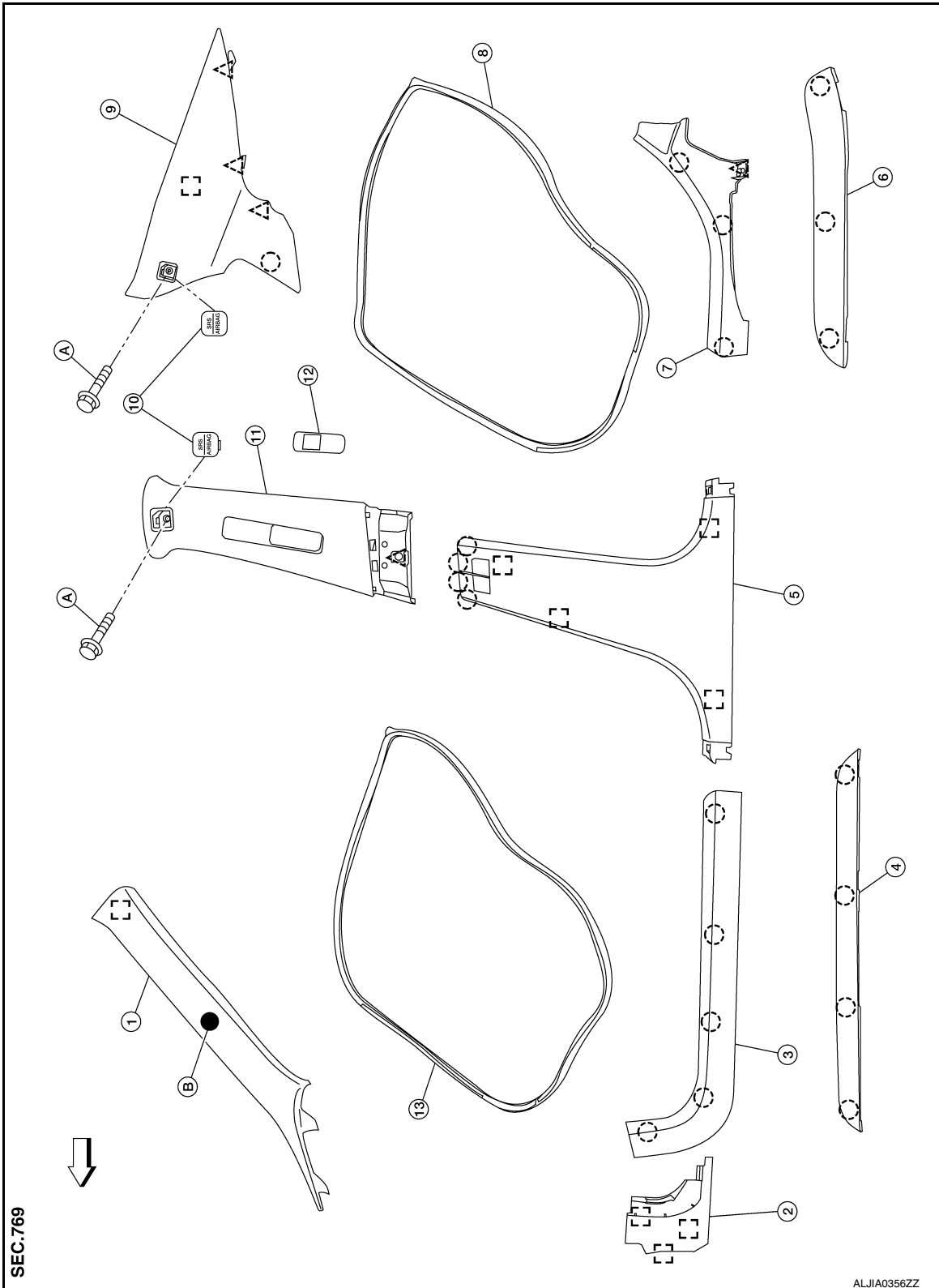
BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

BODY SIDE TRIM

Exploded View

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

- 1. Front pillar finisher
- 4. Front sill cover
- 7. Rear kicking plate

- 2. Dash side lower finisher
- 5. Center pillar lower finisher
- 8. Rear body side welt

- 3. Front kicking plate
- 6. Rear sill cover
- 9. Rear pillar finisher

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

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|---|--|--|
| 10. Screw cover | 11. Center pillar upper finisher | 12. Front seat belt adjuster cover |
| 13. Front body side welt | A. Screw | B. Tether clip |
|  Clip |  Pawl |  Metal clip |
|  Front | | |

Removal and Installation

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CAUTION:

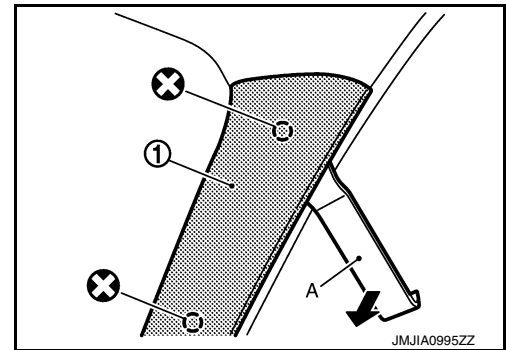
- Wrap the tip of a suitable tool with a cloth when removing metal clips from finishers.
- When removing or installing body side welts, do not allow butyl seal to come in contact with pillar finishers.

FRONT PILLAR FINISHER

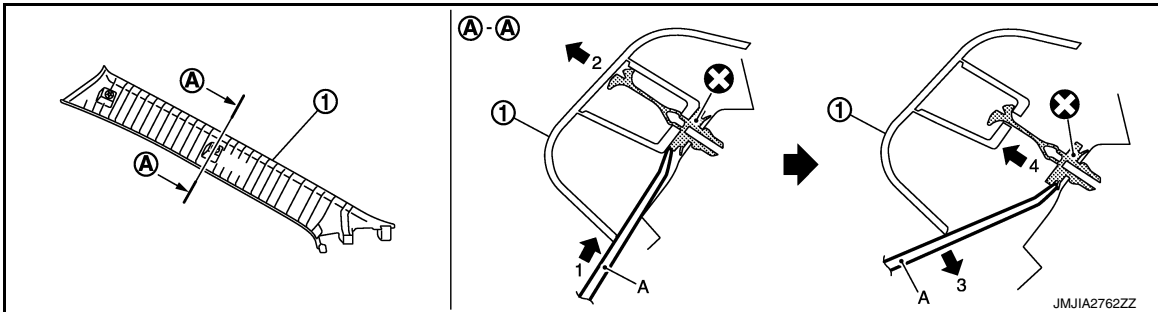
Removal

1. Remove front body side welt partially.
2. Disengage front pillar finisher (1) clip using a suitable tool (A).

 : Clip



3. Pull the front pillar finisher partially toward the vehicle.
4. Insert the a suitable tool (A) between the front pillar finisher bottom side and body side to disengage the clip.



5. Pull front pillar finisher upwards and use a suitable tool to cut both clips.
6. Remove front pillar finisher (1).

Installation

Installation is in the reverse order of removal.

DASH SIDE LOWER FINISHER

Removal

1. Release the clip and pawls using a suitable tool, then remove front kicking plate.
2. Release the clips using a suitable tool, then remove dash side lower finisher.

Installation

Installation is in the reverse order of removal.

FRONT SILL PLATE COVER

Removal

Release the pawls using a suitable tool, then remove the front sill plate cover.

BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

Installation

Installation is in the reverse order of removal.

FRONT BODY SIDE WELT

Removal

1. Release the clip and pawls using a suitable tool, then remove front kicking plate.
2. Release the clips and pawls using a suitable tool, then remove the center pillar lower finisher.
3. Remove front body side welt from the body opening.


Installation

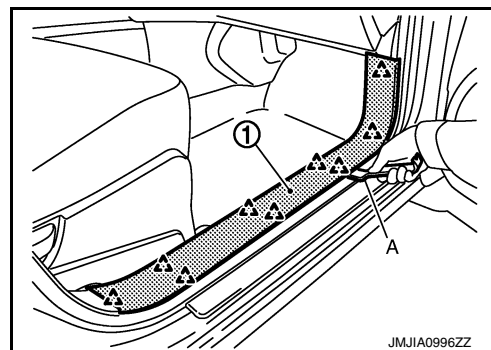
Installation is in the reverse order of removal.

FRONT KICKING PLATE INNER

Removal

1. Disengage the pawls with a suitable tool (A) from the body.
2. Remove front kicking plate inner (1).

 : Pawl




Installation

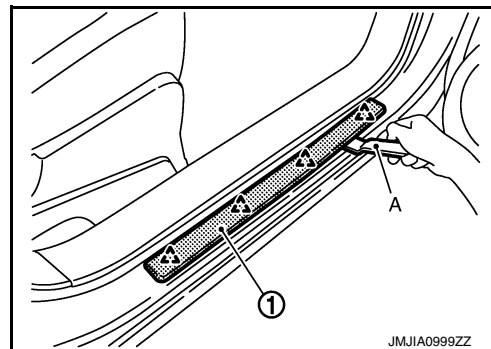
Installation is in the reverse order of removal.

FRONT KICKING PLATE OUTER

Removal

1. Disengage the pawls from the body with a suitable tool (A).
2. Remove front kicking plate outer (1)

 : Pawl



Installation

Installation is in the reverse order of removal.

REAR PILLAR FINISHER

Removal

1. Partially remove rear body side welt.
2. Remove screw cover, then remove the screw.
3. Release the clips using a suitable tool, then remove rear pillar finisher.

Installation

Installation is in the reverse order of removal.

CENTER PILLAR UPPER FINISHER

Removal

1. Release the clip and pawls using a suitable tool, then remove front kicking plate.

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BODY SIDE TRIM

< REMOVAL AND INSTALLATION >

2. Release the clip and pawl using a suitable tool, then remove rear kicking plate.
3. Partially remove front and rear body side welts.
4. Remove center pillar upper finisher cover and remove the screw.
5. Remove front seat belt adjuster cover and shoulder anchor bolt. Refer to [SB-6. "Exploded View"](#).
6. Release the clips and pawls using a suitable tool, then remove the center pillar lower finisher.
7. Release the clips using a suitable tool, then remove center pillar upper finisher.

Installation

Installation is in the reverse order of removal.

REAR SILL PLATE COVER

Removal

Release the pawls using a suitable tool, then remove the rear sill plate cover.

Installation

Installation is in the reverse order of removal.

REAR KICKING PLATE

Removal

Release the clip and pawl using a suitable tool, then remove rear kicking plate.

Installation

Installation is in the reverse order of removal.

REAR BODY SIDE WELT

Removal

1. Release the clip and pawl using a suitable tool, then remove rear kicking plate.
2. Release the clips and pawls using a suitable tool, then remove the center pillar lower finisher.
3. Remove rear body side welt from the body opening.

Installation

Installation is in the reverse order of removal.

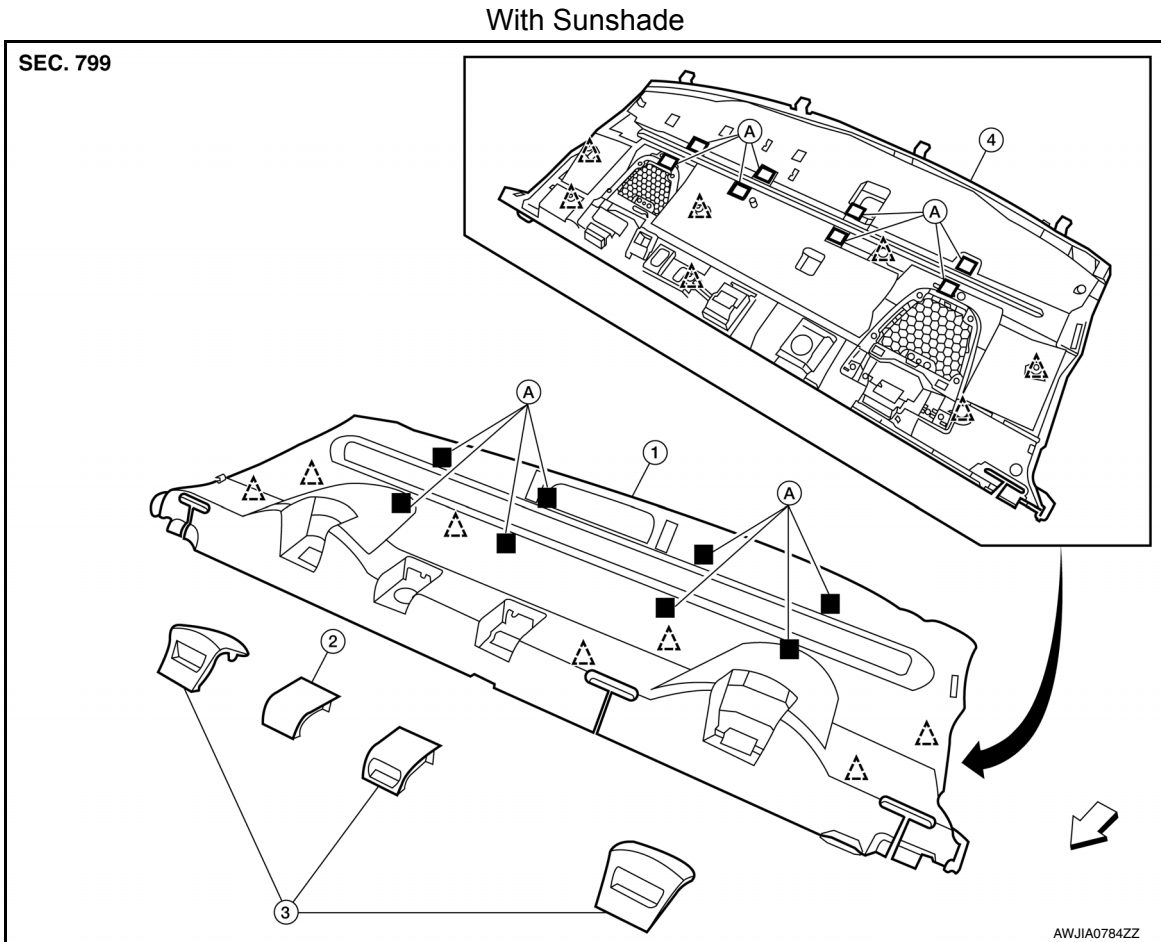
REAR PARCEL SHELF FINISHER

< REMOVAL AND INSTALLATION >

REAR PARCEL SHELF FINISHER

Exploded View

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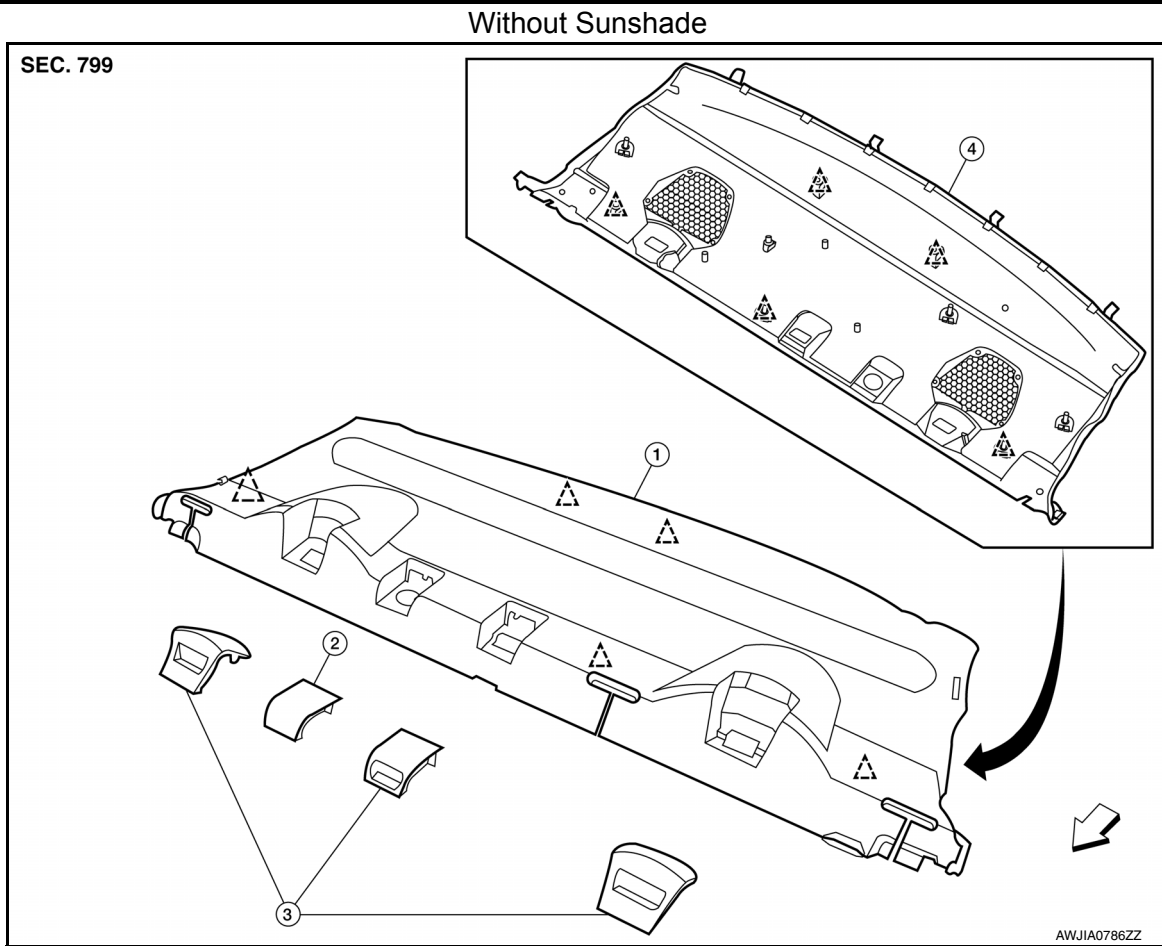


- | | | |
|--|------------------------|-----------------------|
| 1. Rear parcel shelf finisher | 2. Cover | 3. Child anchor cover |
| 4. Rear parcel shelf finisher (under side) | A. Dual lock fasteners | △ Clip |
- ⇐ Front

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REAR PARCEL SHELF FINISHER

< REMOVAL AND INSTALLATION >



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|--|----------|-----------------------|
| 1. Rear parcel shelf finisher | 2. Cover | 3. Child anchor cover |
| 4. Rear parcel shelf finisher (under side) | Clip | ← Front |

Removal and Installation

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REMOVAL

1. Remove the halo upper frame assembly. Refer to [SE-70. "Removal and Installation"](#) (with fixed seatback, WITH CLIMATE CONTROLLED SEATS), [SE-73. "Removal and Installation"](#) (with split seatback, WITH CLIMATE CONTROLLED SEATS), [SE-128. "Removal and Installation"](#) (with fixed seatback, W/O CLIMATE CONTROLLED SEATS) [SE-131. "Removal and Installation"](#) (with split seatback, W/O CLIMATE CONTROLLED SEATS).
2. Remove high mounted stop lamp (if equipped). Refer to [EXL-164. "Removal and Installation"](#).
3. Remove rear pillar finishers (RH/LH). Refer to [INT-24. "Removal and Installation"](#).
4. Thread the rear seat belts (RH/LH/center) through vertical opening and release from rear parcel shelf finisher.
5. Remove rear parcel shelf finisher using a suitable tool.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

Make sure that clips are fully aligned with panel holes on body when installing, then press them in completely.

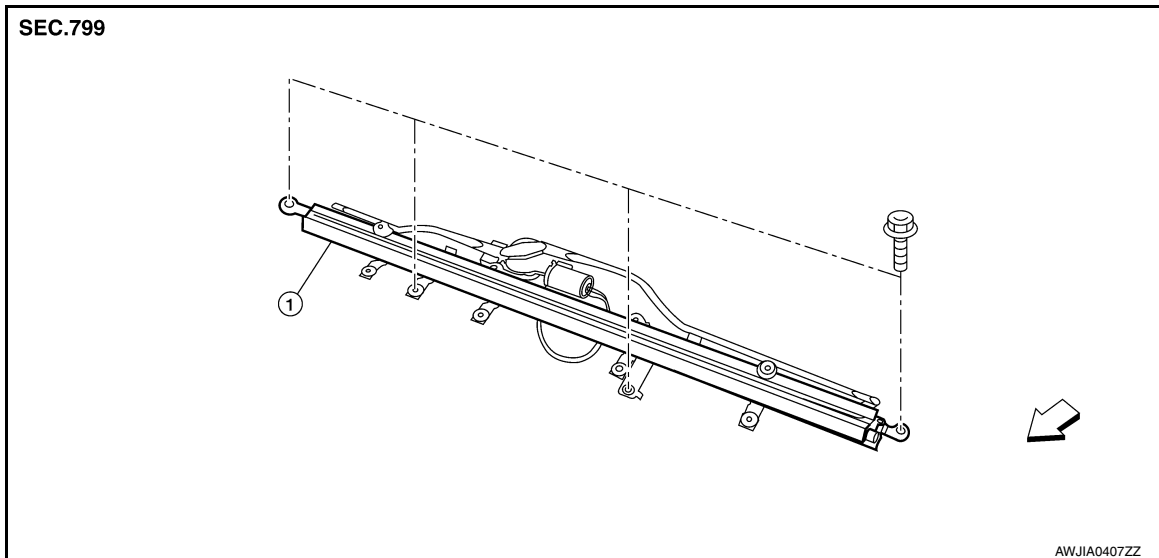
REAR SUNSHADE

< REMOVAL AND INSTALLATION >

REAR SUNSHADE

Removal and Installation

INFOID:000000009465889



1. Rear sunshade unit

↔ Front

REMOVAL

1. Remove the rear parcel shelf finisher. Refer to [INT-24, "Removal and Installation"](#).
2. Remove the rear sunshade unit.
 - a. Remove the rear sunshade unit bolts.
 - b. Disconnect the rear sunshade unit harness connector and remove the rear sunshade unit.

INSTALLATION

Installation is in the reverse order of removal.

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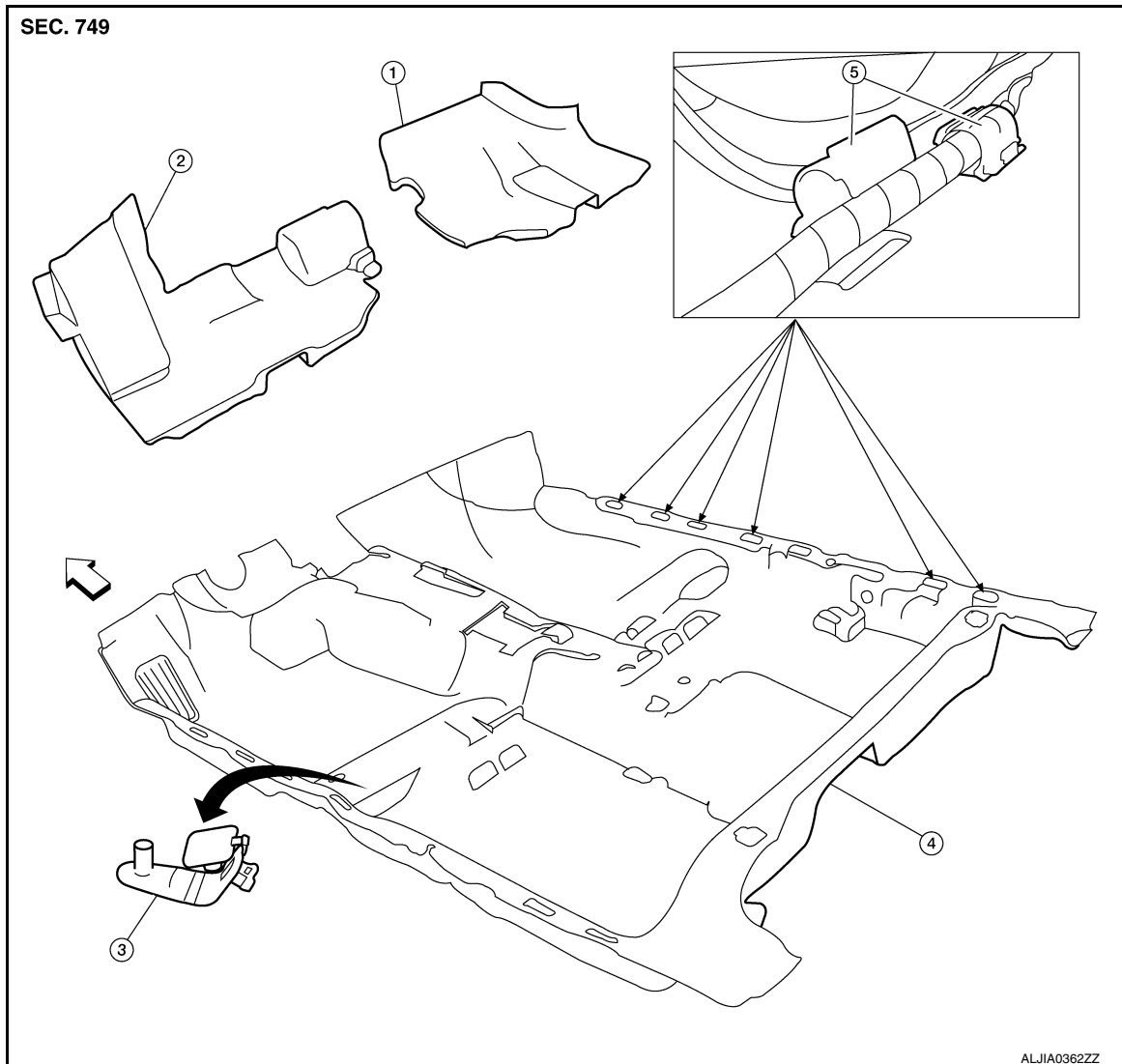
FLOOR TRIM

< REMOVAL AND INSTALLATION >

FLOOR TRIM

Exploded View

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- | | | |
|-----------------|------------------|-------------------|
| 1. Spacer (RH) | 2. Spacer (LH) | 3. Floor mat hook |
| 4. Floor carpet | 5. Harness clamp | ⇐ Front |

Removal and Installation

INFOID:000000009465891

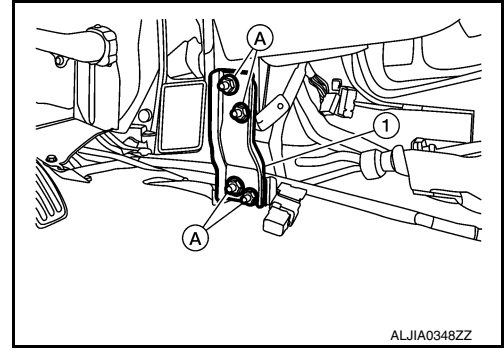
REMOVAL

1. Disconnect the negative and positive battery terminals. Refer to [PG-68, "Removal and Installation \(Battery Tray\)"](#).
2. Remove front seat (RH/LH). Refer to [SE-68, "Removal and Installation"](#) (w/o climate controlled seats) or [SE-126, "Removal and Installation"](#) (with climate controlled seats).
3. Remove the rear seat cushion. Refer to [SE-70, "Removal and Installation"](#) (with fixed seatback, W/O CLIMATE CONTROLLED SEATS), or [SE-73, "Removal and Installation"](#) (with split seatback, W/O CLIMATE CONTROLLED SEATS), or [SE-128, "Removal and Installation"](#) (with fixed seatback, WITH CLIMATE CONTROLLED SEATS) [SE-131, "Removal and Installation"](#) (with split seatback, WITH CLIMATE CONTROLLED SEATS).
4. Remove dash side lower finishers (RH/LH), front inner kick plates (RH/LH), rear inner kick plates (RH/LH) and the center pillar lower garnishes (RH/LH). Refer to [INT-24, "Removal and Installation"](#).

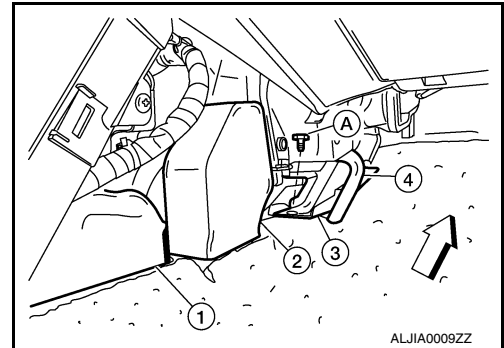
FLOOR TRIM

< REMOVAL AND INSTALLATION >

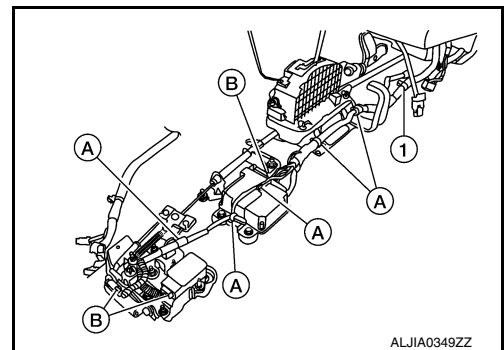
5. Remove center console assembly. Refer to [IP-14. "Removal and Installation"](#).
6. Remove the instrument stay bracket nuts (A), and the instrument stay bracket (1).



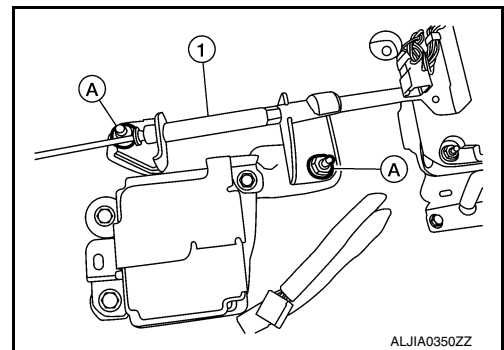
7. Remove the connector duct (RH/LH) (2) and the center connector duct (1) from heater and cooling unit. Refer to [VTL-12. "CENTER VENTILATOR GRILLES : Removal and Installation"](#).
 - ←: Front
8. Disconnect the drain hose (4) from the heater and cooling unit and set drain hose aside.
9. Remove the bracket bolts (A) and nut and the bracket (3).



10. Detach the center console harness clips (A), then disconnect the center console harness electrical connectors (B) and position the center console harness (1) aside.



11. Remove the parking brake cable nuts (A) and bolt and remove the parking brake cable. Position the parking brake cable aside.



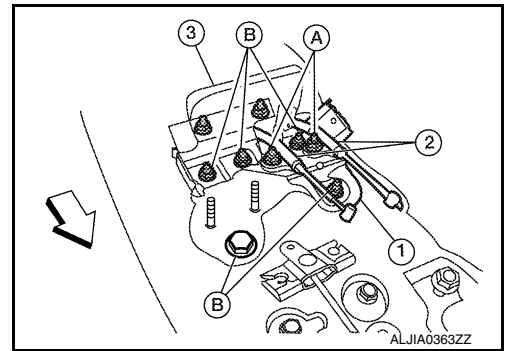
12. Remove the yaw rate/side/decel G sensor. Refer to [BRC-108. "Removal and Installation"](#).
13. Remove the drivers air bag module. Refer to [SR-12. "Removal and Installation"](#).
14. Remove the passenger air bag module. Refer to [SR-17. "Removal and Installation"](#).
15. Remove the diagnosis sensor unit. Refer to [SR-31. "Removal and Installation"](#).

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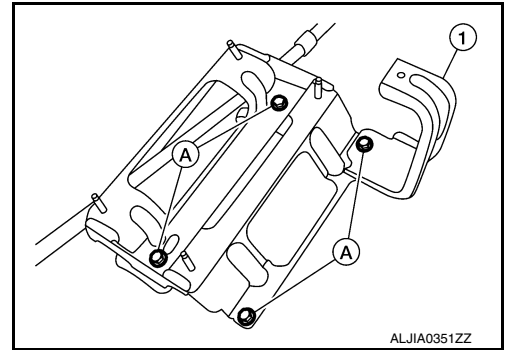
FLOOR TRIM

< REMOVAL AND INSTALLATION >

16. Remove the parking brake cable nuts (A). Position the parking brake cables (2) aside.
17. Remove the bracket nuts (B), and remove extension bracket (1) and center console rear bracket (3).
 - ⇐ Front



18. Remove the CVT shift selector. Refer to [TM-170. "Removal and Installation"](#).
19. Remove the CVT shift selector bracket bolts (A), and remove the CVT shift selector bracket (1).



20. Remove front seat belt floor anchor bolt (RH/LH). Refer to [SB-6. "Removal and Installation"](#).
21. Release the tab and remove the floor mat hook.
22. Release the tabs and open harness clamps (six R/H and six L/H). Position harness and floor carpet cut-out areas outside of harness clamps.
23. Fold corners toward center, then remove floor carpet.

INSTALLATION

Installation is in the reverse order of removal.

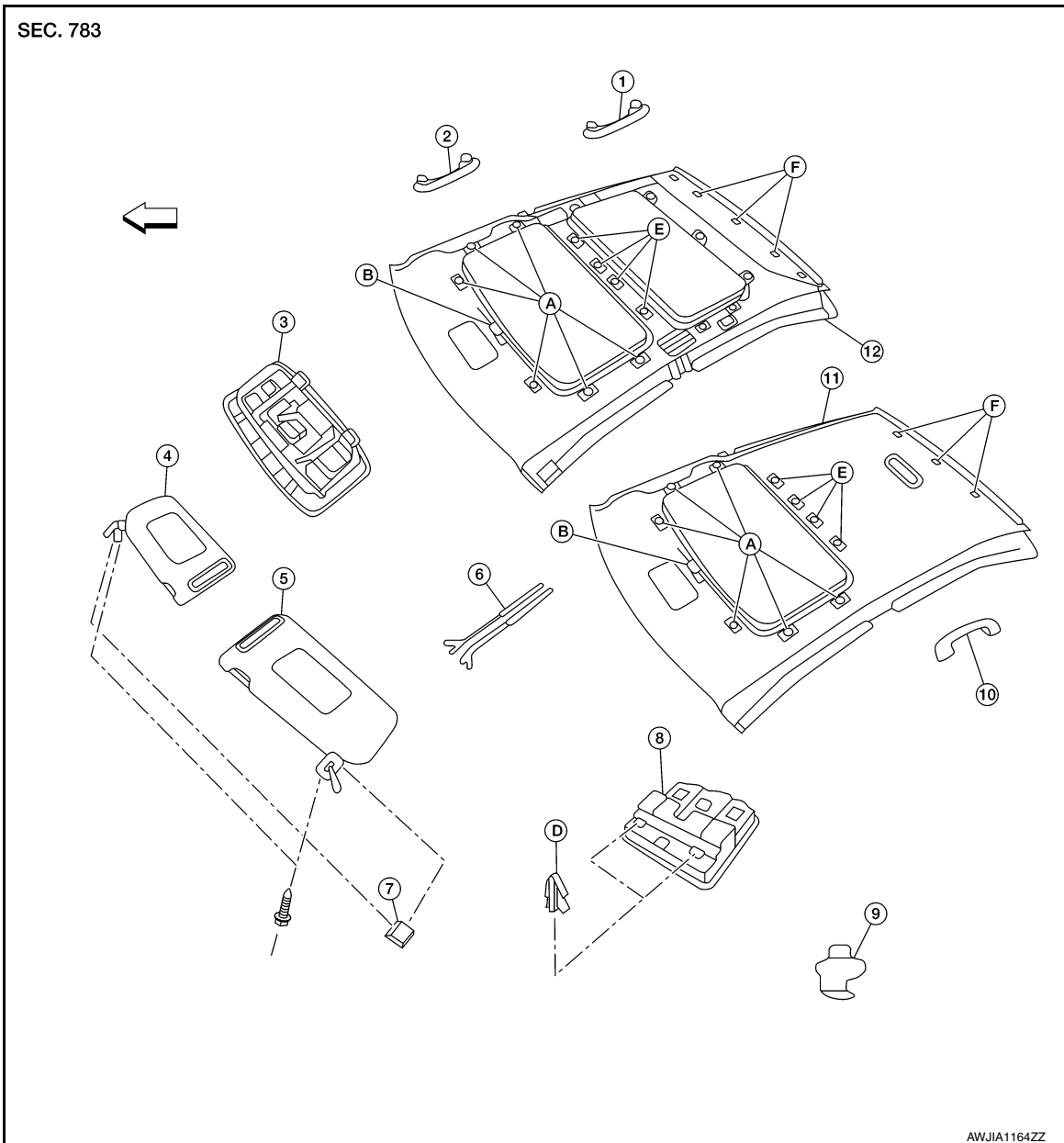
HEADLINING

< REMOVAL AND INSTALLATION >

HEADLINING

Exploded View

INFOID:000000009465892



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|-------------------------|--|--|
| 1. Rear assist grip | 2. Front assist grip | 3. Front room/map lamp assembly (dual panel-sunroof) |
| 4. Sun visor (RH) | 5. Sun visor (LH) | 6. Mirror harness cover |
| 7. Sun visor cover | 8. Front room/map lamp assembly | 9. Sun visor holder |
| 10. Rear assist grip LH | 11. Headlining assembly (single panel sunroof) | 12. Headlining assembly (dual panel-sunroof) |
| A. Dual lock fastener | B. Sunroof clip | C. Screw |
| D. Metal clip | E. Magnets | F. Clip |

↶ Front

Removal and Installation

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CAUTION:

- Disconnect the negative and positive battery terminals and wait at least three minutes.

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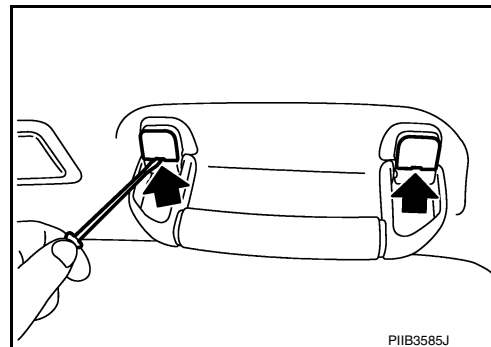
HEADLINING

< REMOVAL AND INSTALLATION >

- Be careful not to bend or crease the headlining during removal or installation.

REMOVAL

1. Recline the front seats to the fully reclined position.
2. Disconnect the negative and positive battery terminals. Refer to [PG-67, "Removal and Installation \(Battery\)"](#).
3. Remove front pillar finishers (RH/LH). Refer to [INT-24, "Removal and Installation"](#).
4. Disconnect headlining harness and antenna feeder connectors.
5. Remove center pillar upper finishers (RH/LH). Refer to [INT-24, "Removal and Installation"](#).
6. Remove rear pillar finishers (RH/LH). Refer to [INT-24, "Removal and Installation"](#).
7. Disconnect antenna amplifier and rear window defogger harness connectors.
8. Release the molded clip, then remove front and rear assist grips.



9. Remove the rear view mirror. Refer to [MIR-19, "Removal and Installation"](#).
10. Remove the sun visors (RH/LH).
 - a. Remove the sun visor covers and screws.
 - b. Disconnect the connector and remove each of the sun visors.

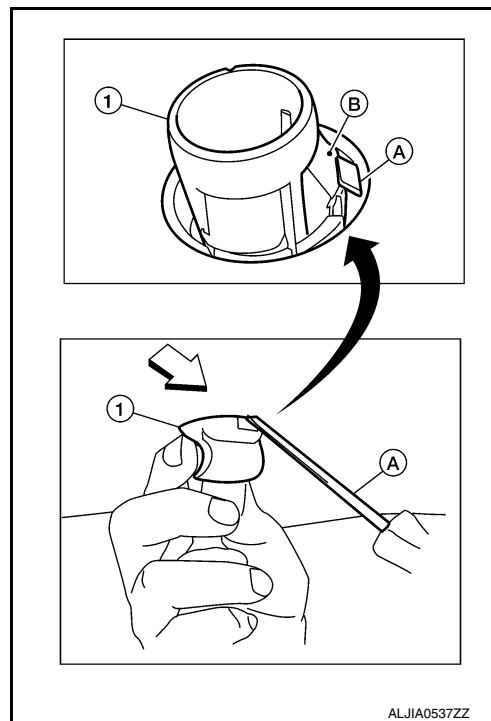
11. Insert a suitable thin tool (A) at approximately a 30 degree angle into the sun visor holder notch on the front of the sun visor holder (1) and press in the locking tab (B) to release it. While holding in lock tab (B), turn the sun visor holder (1) 90 degrees to release it from the headliner.

- 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.



12. Remove front room/map lamp assembly. Refer to [INL-84, "Removal and Installation"](#).
13. Release dual lock fasteners around the sunroof opening and the magnets in the center of the headlining. Release the sunroof clip using a suitable tool.
14. Release the hidden clips near the rear edge of headlining using a suitable tool.

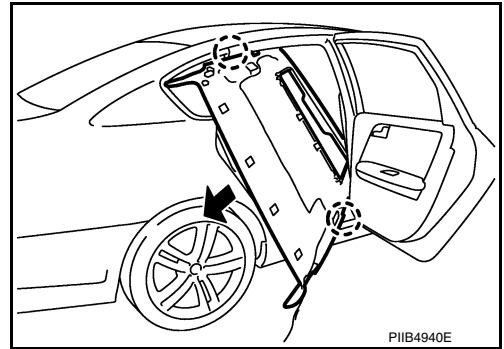
HEADLINING

< REMOVAL AND INSTALLATION >

15. Drop headlining down and carefully rotate into position. Remove headlining through rear door opening.

CAUTION:

- When removing, two workers are required (one for each front and rear of headlining).
- Cover center console finisher upper surface with a shop cloth to prevent damage.



16. The following components are integral to the headlining and are repaired only as an assembly:

- Personal lamps (LH/RH).
- Roof harness assembly.
- Antenna feeder assembly.
- Dual lock attachments
- Magnets

INSTALLATION

Installation is in the reverse order of removal.

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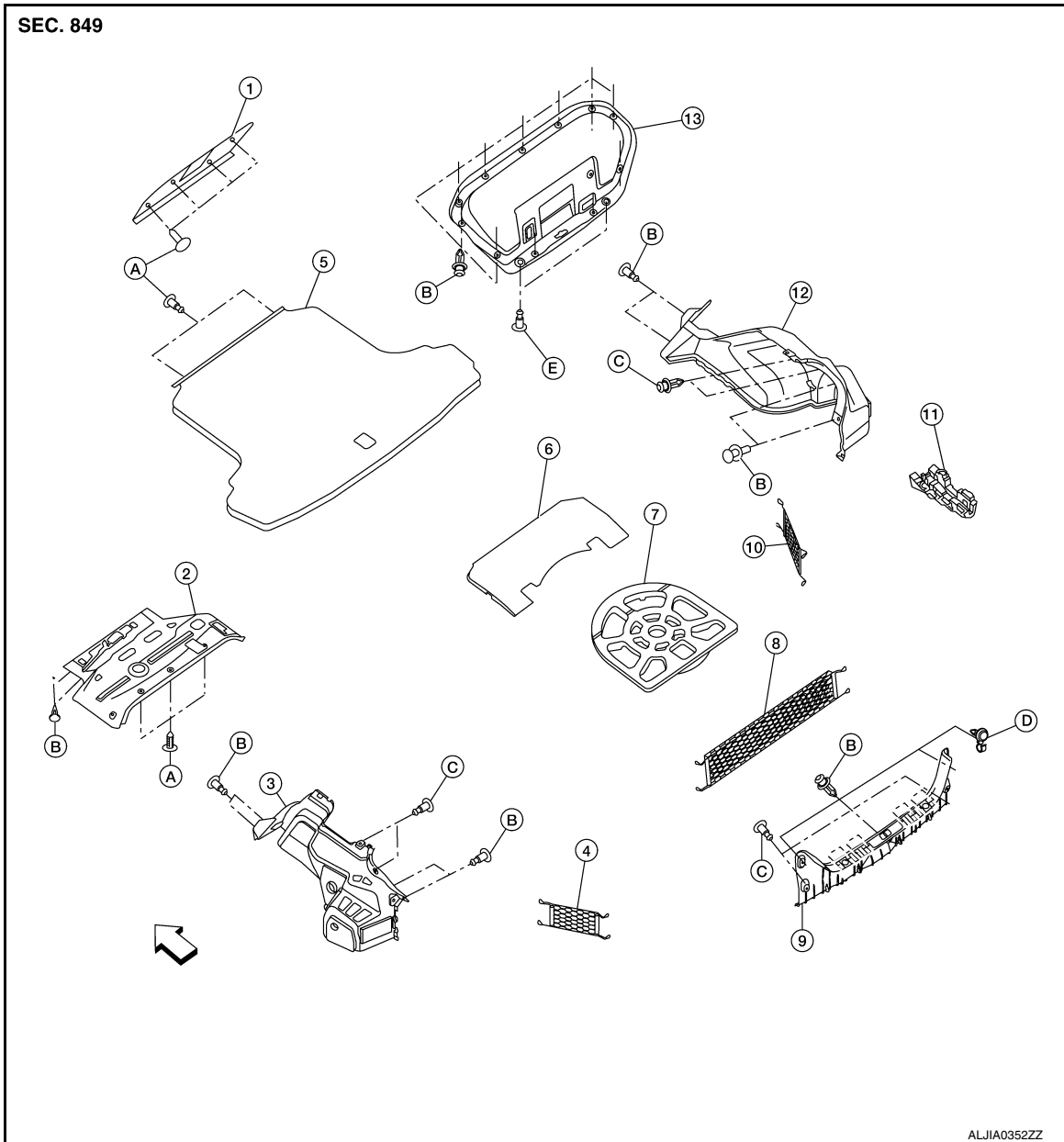
TRUNK ROOM TRIM & TRUNK LID FINISHER

< REMOVAL AND INSTALLATION >

TRUNK ROOM TRIM & TRUNK LID FINISHER

Exploded View

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|---------------------------------------|---------------------------------|------------------------------|
| 1. Trunk forward carpet (if equipped) | 2. Upper trunk finisher | 3. Trunk side finisher (LH) |
| 4. Trunk net side | 5. Trunk floor carpet | 6. Spacer |
| 7. Spare tire cover | 8. Trunk net rear (if equipped) | 9. Trunk rear finisher |
| 10. Trunk net side | 11. Box assembly | 12. Trunk side finisher (RH) |
| 13. Trunk lid finisher | A. Clip C103 | B. Clip C205 |
| C. Clip C101 | D. Trunk net hooks | E. Trunk lid rubber bumper |
| Metal clip | Front | |

Removal and Installation

INFOID:000000009465895

REMOVAL

TRUNK ROOM TRIM & TRUNK LID FINISHER

< REMOVAL AND INSTALLATION >

TRUNK ROOM TRIM

1. Release the latch, then position rear seatback (RH/LH) to the folded down position (if equipped). A
2. Remove trunk floor carpet clips (if equipped) and the trunk floor carpet.
3. Remove the trunk net rear and the trunk net side (if installed). B
4. Remove the clips and the trunk rear finisher.
5. Remove the clips and the upper trunk finisher.
6. Remove the clips and the trunk forward carpet (if equipped). C
7. Release the clips and remove trunk side finishers (RH/LH).
8. Remove spare tire foam board cover and the forward floor foam board spacer.
9. Remove the trunk lid rubber bumpers (RH/LH), detach the trunk pull handle release and remove the clips and the trunk lid finisher. D

INSTALLATION

Installation is in the reverse order of removal. E

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