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## PRECAUTIONS

# < PRECAUTION > PRECAUTION

PRECAUTIONS	А
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	В
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.	С
<ul> <li>WARNING:</li> <li>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.</li> </ul>	D
<ul> <li>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.</li> </ul>	F
<ul> <li>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 har- ness connectors.</li> </ul>	
PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS	G
<ul> <li>WARNING:</li> <li>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</li> </ul>	Н
<ul> <li>When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery and wait at least three minutes before performing any service.</li> </ul>	I
<ul> <li>serious injury.</li> <li>When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the</li> </ul>	I
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## < PREPARATION >

## PREPARATION PREPARATION

## Special Service Tools

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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	SIIA0993E	Locating the noise
 (J-50397) NISSAN Squeak and Rattle Kit	ALJIA1232ZZ	Repairing the cause of noise
 (J-46534) Trim Tool Set	AWJIA0483ZZ	Removing trim components

## **Commercial Service Tools**

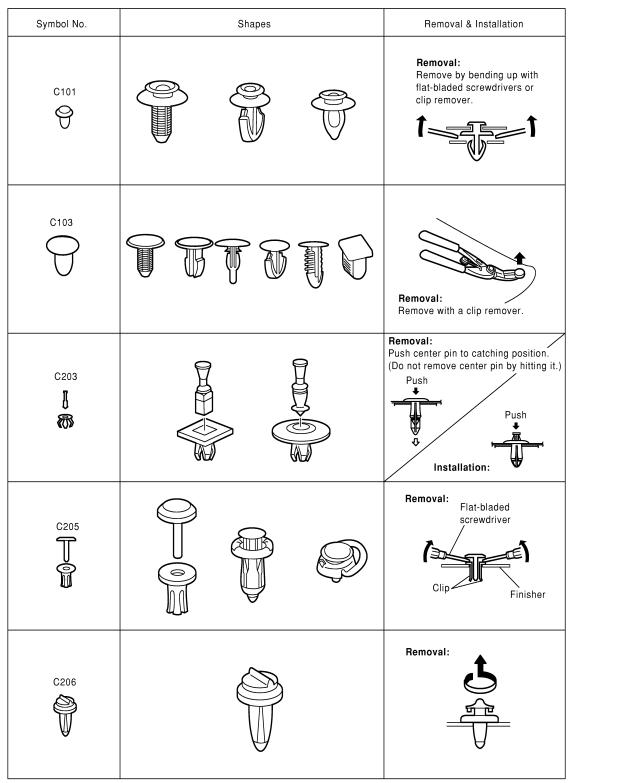
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(TechMate No.) Tool name		Description
(J-39565) Engine Ear	SIIA0995E	Locating the noise
Power tool	PIIB1407E	Loosening nuts, screws and bolts

## **CLIP LIST**

**Descriptions for Clips** 

Replace any clips which are damaged during removal or installation.



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### < PREPARATION >

Symbol No.	Shapes	Removal & Installation
CE103		Removal:
CF110	Clip A Clip B	Removal: Finisher Clip A Flat-bladed screwdrivers Clip B
CF118	Clip A Clip B (Grommet)	Removal: Flat-bladed Finisher screwdrivers Body panel Clip A Clip B (Grommet)
CR103		Removal: Holder portion of clip must be spread out to remove rod.
CS101		Removal: 1. Screw out with a Phillips screwdriver. 2. Remove female portion with flat-bladed screwdriver.

SIIA0316E

### < PREPARATION >

Symbol No.	Shapes	Removal & Installation	A
CG101		Removal: Installation: Rotate 45° to remove	B C D
		Removal:	E
CS102	Š		F
	<b>F</b>		G
			Н
CS113	<b>A</b>	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.	I
			К
			L
C111	$\bigcirc$		Μ
		(B)	N
			0

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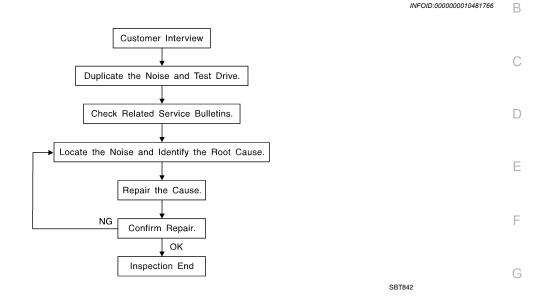
Symbol No.	Shapes	Removal & Installation
CG104		Removal: Remove by bending up with flat-bladed screwdrivers. Radiator grille Body panel
CE114	A A A A A A A A A A A A A A A A A A A	
CF118	Clip A Clip B (Grommet)	Removal: Flat-bladed Finisher screwdrivers Body panel Clip A Clip B (Grommet)

ALJIA0564GB

#### < SYMPTOM DIAGNOSIS >

## SYMPTOM DIAGNOSIS SQUEAK AND RATTLE TROUBLE DIAGNOSES

## Work Flow



#### 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 <u>INT-13</u>, "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

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#### < 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 <u>INT-10, "Generic Squeak and Rattle Troubleshooting"</u>.

#### 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 seperately 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

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

#### **INT-10**

#### < SYMPTOM DIAGNOSIS >

#### INSTRUMENT PANEL

А Most incidents are caused by contact and movement between: Cluster lid A and the instrument panel Acrylic lens and combination meter housing Instrument panel to front pillar finisher Instrument panel to windshield Instrument panel pins Wiring harnesses behind the combination meter 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 D 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 Ε 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. F CENTER CONSOLE Components to pay attention to include: 1. Shift selector assembly cover to finisher 2. A/C control unit and cluster lid C Wiring harnesses behind audio and A/C control unit The instrument panel repair and isolation procedures also apply to the center console. Н DOORS Pay attention to the: Finisher and inner panel making a slapping noise Inside handle escutcheon to door finisher Wiring harnesses tapping INT 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 Κ 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: Trunk lid bumpers out of adjustment Trunk lid striker out of adjustment M The trunk lid torsion bars knocking together A loose license plate or bracket Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) caus-Ν ing the noise. SUNROOF/HEADLINING Noises in the sunroof/headlining area can often be traced to one of the following: Sunroof lid, rail, linkage or seals making a rattle or light knocking noise Sun visor shaft shaking in the holder Ρ 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:

#### **INT-11**

#### < SYMPTOM DIAGNOSIS >

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

#### SEATS

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

Cause of seat noise include:

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

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

#### UNDERHOOD

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

Causes of transmitted underhood noise include:

- 1. Any component installed 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

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.

< SYMPTOM DIAGNOSIS >

#### **Diagnostic Worksheet**

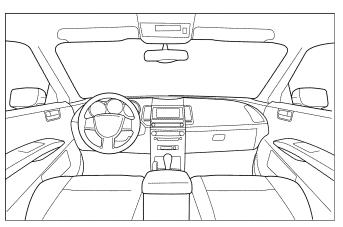
#### Dear Customer:

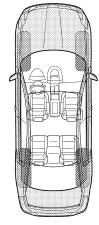
We are concerned about your satisfaction with your vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your vehicle right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked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

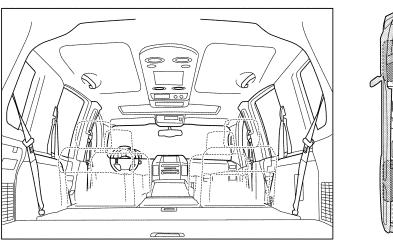
#### SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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

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







Continue to page 2 of the worksheet and briefly describe the location of the noise or rattle. In addition, please indicate the conditions which are present when the noise occurs.

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#### < SYMPTOM DIAGNOSIS >

#### SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

II.	WHEN DOES IT OCCUR? (please check	k the	boxes that apply)
	Anytime 1st time in the morning Only when it is cold outside Only when it is hot outside		After sitting out in the rain When it is raining or wet Dry or dusty conditions Other:
III.	WHEN DRIVING:	IV.	WHAT TYPE OF NOISE
	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 minute		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 - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm rep	air		
VIN: W.O.#	Customer Name Date:		

This form must be attached to Work Order

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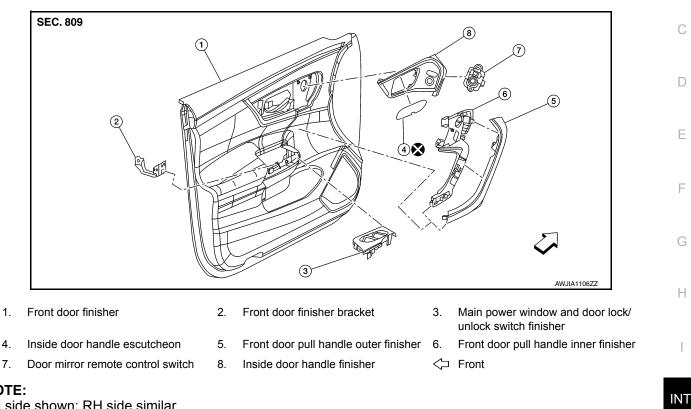
## < REMOVAL AND INSTALLATION >

## **REMOVAL AND INSTALLATION** FRONT DOOR FINISHER

## **Exploded View**

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#### NOTE:

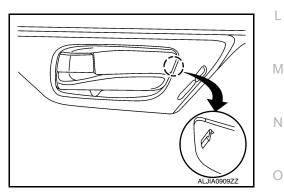
LH side shown; RH side similar.

### Removal and Installation

#### REMOVAL

- Remove the inside door handle escutcheon. 1.
- Release the inside door handle escutcheon by pushing down on a. the pawl shown with a suitable tool.

(): Pawl



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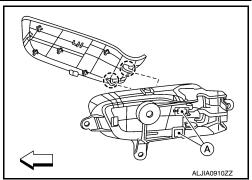
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## FRONT DOOR FINISHER

#### < REMOVAL AND INSTALLATION >

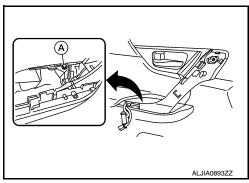
- Remove the inside door handle escutcheon by sliding the b. remaining pawls forward out of the inside door handle cap insertion point (A).
  - (): Pawl <⊐: Front
  - **CAUTION:**

Do not reuse inside door handle escutcheon. Replace with new part after removal.



2. Remove the inside door handle bolt (A).

- (A) ALJIA0891ZZ
- 3. Remove the main power window and door lock/unlock switch. Refer to PWC-69, "Removal and Installation" (LH FRONT ONLY ANTI-PINCH) or PWC-145, "Removal and Installation" (LH & RH FRONT ANTI-PINCH).
- 4. Remove the power window and door lock/unlock switch RH. Refer to PWC-70, "Removal and Installation" (LH FRONT ONLY ANTI-PINCH) or PWC-146, "Removal and Installation" (LH & RH FRONT ANTI-PINCH).
- 5. Remove the armrest cover bolt (A).



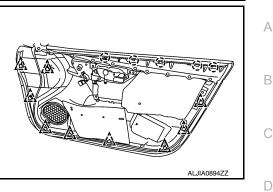
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6. Remove the front door pull handle bolt (A).

## FRONT DOOR FINISHER

#### < REMOVAL AND INSTALLATION >

- 7. Release the front door finisher clips and pawls using a suitable tool.
  - tooi. ∠\_\_: Clip
  - (): Pawl



- 8. Disconnect the door lock/unlock and inside door handle cable from the front door finisher.
- 9. Disconnect the harness connector from the front door finisher.
- 10. Release the inside door handle finisher using a suitable tool.
- 11. Remove the front door finisher.
- 12. Remove the inside door handle screws, release the pawls and remove the inside door handle (if necessary).
- 13. Remove the screws and the inside door handle finisher (if necessary).

#### INSTALLATION

Installation is in the reverse order of removal.

#### **CAUTION:**

- Do not reuse inside door handle escutcheon. Replace with new part for installation.
- Visually check the clips and pawls for deformation and damage during installation. Replace with new H
  ones if necessary.
- When installing the front door finisher, check that the clips and pawls are securely placed in the body panel holes.

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## **REAR DOOR FINISHER**

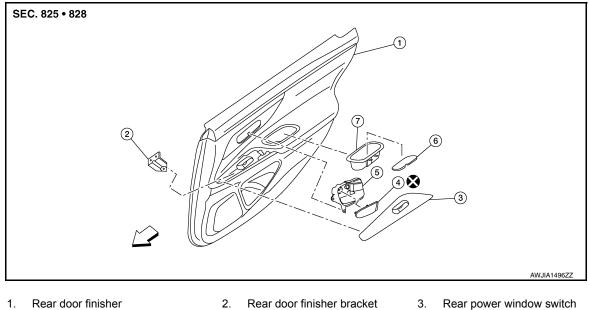
## < REMOVAL AND INSTALLATION >

**REAR DOOR FINISHER** 

## **Exploded View**

INFOID:000000010481771

INFOID:000000010481772



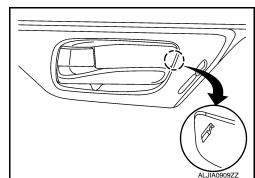
- Inside door handle escutcheon 4.
- Rear door tray 7.

- Rear door finisher bracket
- Inside door handle 5. <⊐ Front
- finisher
- Rear door tray escutcheon 6.

## Removal and Installation

#### REMOVAL

- Remove the inside door handle escutcheon. 1.
- Release the inside door handle escutcheon by pushing down on a. the pawl shown with a suitable tool.
  - (): Pawl



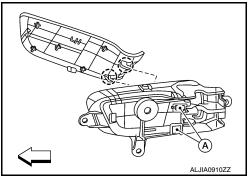
Remove the inside door handle escutcheon by sliding the b. remaining pawls forward out of the inside door handle cap insertion point (A).

(\_): Pawl

<⊐: Front

#### **CAUTION:**

Do not reuse inside door handle escutcheon. Replace with new part after removal.



## **REAR DOOR FINISHER**

#### < REMOVAL AND INSTALLATION >

Remove the rear door tray bolt (A).

2. Remove the inside door handle bolt (A).

**INT-19** 

- Remove the rear power window switch finisher. Refer to <u>PWC-147, "Removal and Installation"</u>.
- 6. Release the rear door finisher clips and pawls using a suitable tool.

3. Remove the rear door tray escutcheon using a suitable tool.

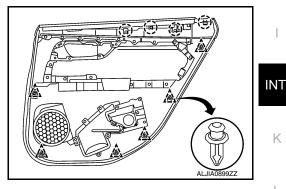
- ,∕\: Clip
- (): Pawl

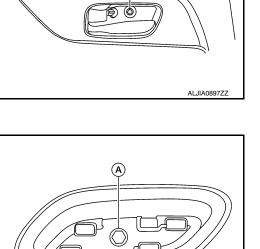
- Disconnect the door lock/unlock and inside door handle cable from the rear door finisher.
- 8. Disconnect the harness connectors from the rear door finisher.
- 9. Remove the rear door finisher.

### INSTALLATION

Installation is in the reverse order of removal. **CAUTION:** 

- Do not reuse inside door handle escutcheon. Replace with new part after removal.
- · Visually check the clips and pawls for deformation and damage during installation. Replace with new ones if necessary.
- When installing the rear door finisher, check that the clips and pawls are securely placed in the body panel holes.





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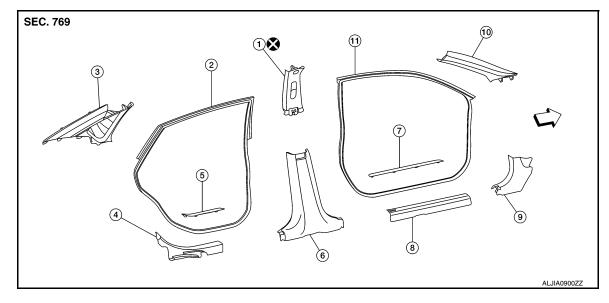
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## < REMOVAL AND INSTALLATION >

## BODY SIDE TRIM

## Exploded View

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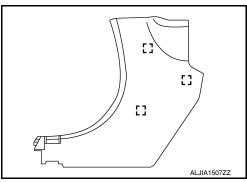
- 1. Center pillar upper finisher
- 4. Rear kicking plate inner
- 7. Front kicking plate outer
- 10. Front pillar finisher
- 2. Rear body side welt
- 5. Rear kicking plate outer
- 8. Front kicking plate inner
- 11. Front body side welt
- 3. Rear pillar finisher
- 6. Center pillar lower finisher
- 9. Dash side finisher
- ↓ Front

## DASH SIDE FINISHER

## DASH SIDE FINISHER : Removal and Installation

#### REMOVAL

- 1. Remove front kicking plate inner. Refer to <u>INT-21, "FRONT KICKING PLATE : Removal and Installation -</u> <u>Inner"</u>.
- 2. Release the metal clips using a suitable tool, then remove dash side finisher.
  - [\_]: Metal clip



#### INSTALLATION

Installation is in the reverse order of removal.

#### **CAUTION:**

- Visually check the metal clip and pawl for deformation and damage during installation. Replace as necessary.
- When installing the dash side finisher, check that the metal clip and pawl are securely placed in the body panel holes.

## FRONT PILLAR FINISHER

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#### < REMOVAL AND INSTALLATION >

## FRONT PILLAR FINISHER : Removal and Installation

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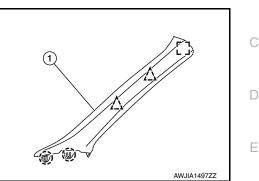
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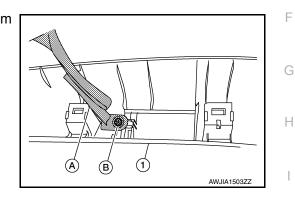
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#### REMOVAL

- 1. Partially remove the front body side welt. Refer to <u>INT-23, "BODY SIDE WELT : Removal and Installation</u> <u>- Front"</u>.
- 2. Release the front pillar finisher (1) metal clip using a suitable tool.
  - : Metal clip
- 3. Release the front pillar finisher clips and pawls using a suitable tool.
  - ∠\_\_: Clip
  - (\_): Pawl



4. Remove screw (B) and remove the front pillar finisher (1) from tether strap (A).



#### INSTALLATION

Installation is in the reverse order of removal.

#### CAUTION:

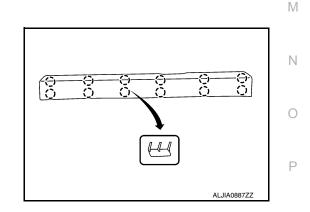
- Visually check the metal clip and pawls for deformation and damage during installation. Replace with new ones if necessary.
- When installing the front pillar finisher, check that the metal clip, tether clips and pawls are securely placed in the body panel holes.

FRONT KICKING PLATE

FRONT KICKING PLATE : Removal and Installation - Inner

#### REMOVAL

Release the front kicking plate inner pawls and remove.
 (<sup>\*</sup>): Pawl



#### INSTALLATION

Installation is in the reverse order of removal.

#### **CAUTION:**

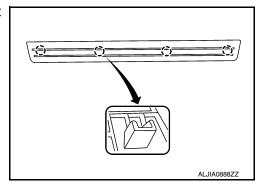
When installing the front kicking plate inner, check that the pawls are securely placed in the body panel holes.

#### < REMOVAL AND INSTALLATION >

#### FRONT KICKING PLATE : Removal and Installation - Outer

#### REMOVAL

- 1. Release the front kicking plate outer pawls and remove the front kicking plate outer.
  - (\_): Pawl



#### INSTALLATION

Installation is in the reverse order of removal.

#### **CAUTION:**

When installing the front kicking plate outer, check that the pawls are securely placed in the body panel holes.

### REAR KICKING PLATE

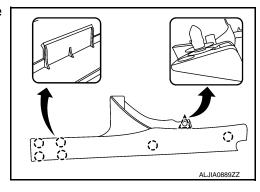
**REAR KICKING PLATE : Removal and Installation - Inner** 

INFOID:000000010481778

#### REMOVAL

- 1. Remove the rear seat cushion. Refer to <u>SE-42, "Removal and Installation Seat Assembly"</u>.
- 2. Release the rear kicking plate inner pawls and clip, then remove the rear kicking plate inner.
  - ∠\_\_: Clip
  - (\_): Pawl
  - NOTE:

RH side shown; LH side similar.



#### INSTALLATION

Installation is in the reverse order of removal.

#### **CAUTION:**

- Visually check the clip and pawls for deformation and damage during installation. Replace as necessary.
- When installing the rear kicking plate inner, check that the clip and pawls are securely placed in the body panel holes.

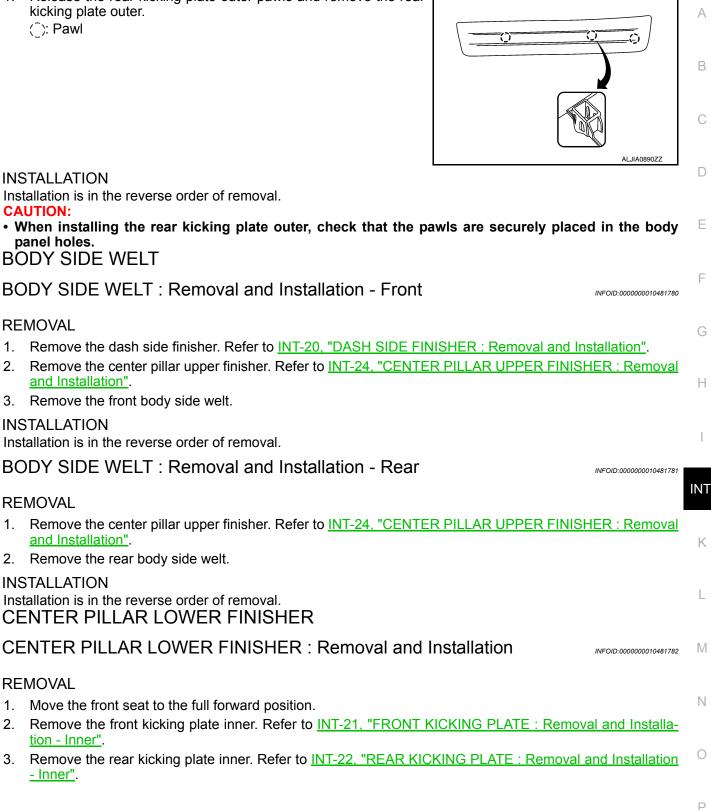
**REAR KICKING PLATE : Removal and Installation - Outer** 

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#### REMOVAL

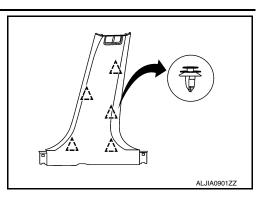
#### < REMOVAL AND INSTALLATION >

1. Release the rear kicking plate outer pawls and remove the rear kicking plate outer.



#### < REMOVAL AND INSTALLATION >

4. Release the center pillar lower finisher clips.  $\stackrel{\wedge}{\swarrow}$ : Clip



5. Remove the seat belt from the center pillar lower finisher, then remove the center pillar lower finisher.

#### INSTALLATION

Installation is in the reverse order of removal.

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

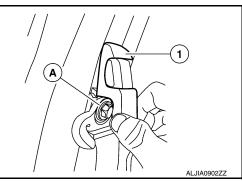
## CENTER PILLAR UPPER FINISHER

CENTER PILLAR UPPER FINISHER : Removal and Installation

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#### REMOVAL

- 1. Move the front seat to the full forward position.
- 2. Remove the center pillar lower finisher. Refer to <u>INT-23</u>, "CENTER PILLAR LOWER FINISHER : Removal <u>and Installation"</u>.
- 3. Remove the seat belt bolt cover (1) and seat belt bolt (A).

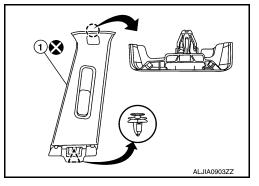


4. Release the clip and pawl, then remove the center pillar upper finisher (1).

<u>∕</u>\_: Clip (\_): Pawl

#### **CAUTION:**

Do not reuse the center pillar upper finisher.



#### INSTALLATION

Installation is in the reverse order of removal. **CAUTION:** 

- Do not reuse the center pillar upper finisher. Replace with new part for installation.
- When installing the center pillar upper finisher, check that the clip and pawl are securely placed in the body panel holes.



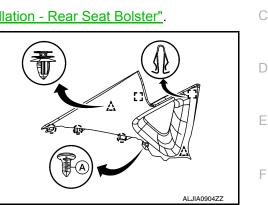
< REMOVAL AND INSTALLATION >

## REAR PILLAR FINISHER

## **REAR PILLAR FINISHER : Removal and Installation**

REMOVAL

- 1. Remove rear kicking plate inner. Refer to INT-22, "REAR KICKING PLATE : Removal and Installation -Inner".
- Remove the rear seat bolster. Refer to <u>SE-44, "Removal and Installation Rear Seat Bolster"</u>.
- 3. Release the rear pillar finisher clips and pawls and push pin (A).
  - ∠\_\_: Clip [ ]: Metal clip ( ]): Pawl



4. Remove the rear pillar finisher.

#### INSTALLATION

Installation is in the reverse order of removal.

**CAUTION:** 

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

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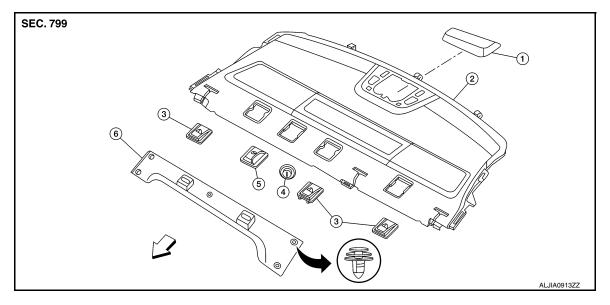
## **REAR PARCEL SHELF FINISHER**

#### < REMOVAL AND INSTALLATION >

## REAR PARCEL SHELF FINISHER

## **Exploded View**

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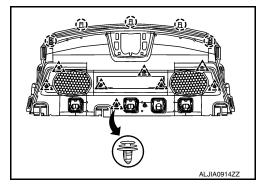
- 1. High-mounted stop lamp (If 2. Rear parcel shelf finisher 3. Top tether strap anchor finisher equipped)
- 4. Seatback lock key cylinder finisher
   5. Seatback lock finisher
   6. Seatback latch finisher
- <⇒ Front

## Removal and Installation

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#### REMOVAL

- 1. Remove the high-mounted stop lamp (If equipped). Refer to <u>EXL-142, "Removal and Installation"</u>.
- 2. Remove the rear pillar finishers (LH/RH). Refer to <u>INT-25, "REAR PILLAR FINISHER : Removal and Installation"</u>.
- 3. Remove the seatback latch finisher. Refer to <u>SE-39, "Exploded View"</u>.
- 4. Release the rear parcel shelf finisher clips and pawls.
  - <u>∕</u>\_: Clip (\_): Pawl



- 5. Remove the seat belts from the rear parcel shelf finisher.
- 6. Remove the rear parcel shelf finisher.

#### INSTALLATION

Installation is in the reverse order of removal.

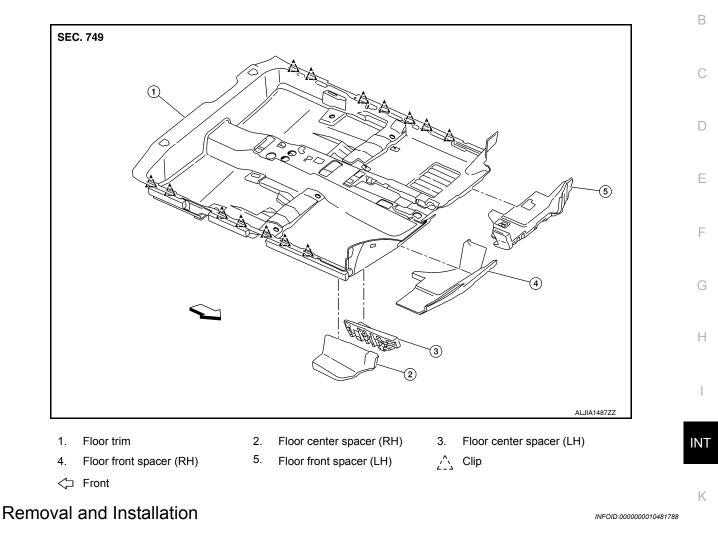
## < REMOVAL AND INSTALLATION >

## FLOOR TRIM

Exploded View

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#### REMOVAL

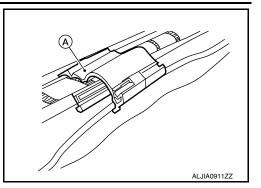
- 1. Remove the center console assembly. Refer to IP-18, "Removal and Installation".
- Remove the front seats (LH/RH). Refer to <u>SE-31, "DRIVER SIDE : Removal and Installation Seat</u> <u>Assembly"</u> (DRIVER SIDE) and <u>SE-36, "PASSENGER SIDE : Removal and Installation - Seat Assembly"</u> (PASSENGER SIDE).
- 3. Remove the rear seat cushion. Refer to SE-42, "Removal and Installation Seat Assembly".
- Remove the center pillar lower finishers (LH/RH). Refer to <u>INT-23, "CENTER PILLAR LOWER FINISHER</u> N <u>: Removal and Installation"</u>.
- Remove the dash side finishers (LH/RH). Refer to <u>INT-20, "DASH SIDE FINISHER : Removal and Instal-</u> lation".
- 6. Remove the shift selector. Refer to <u>TM-183</u>, "Removal and Installation" (CVT: RE0F10D) or <u>TM-386</u>, <u>"Removal and Installation"</u> (CVT: RE0F10E).

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## **FLOOR TRIM**

#### < REMOVAL AND INSTALLATION >

7. Using a suitable tool release all floor trim clips (A).



8. Remove the floor trim.

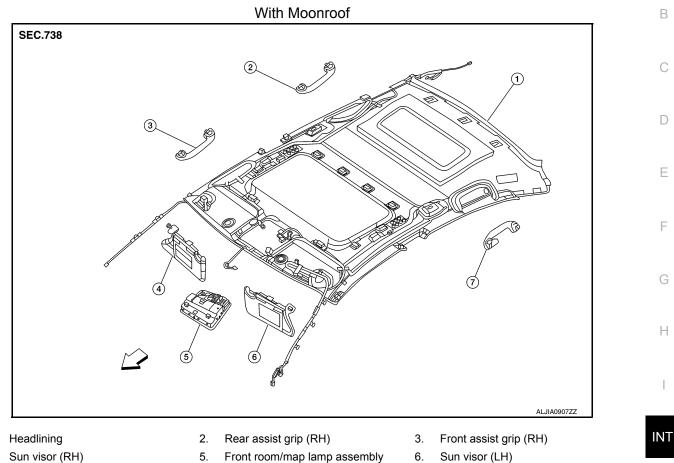
INSTALLATION Installation is in the reverse order of removal.

## < REMOVAL AND INSTALLATION > HEADLINING

Exploded View



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#### 1.

- 4. Sun visor (RH)
- 7. Rear assist grip (LH)
- 5. Front room/map lamp assembly
- ↓ Front

Sun visor (LH)

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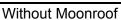
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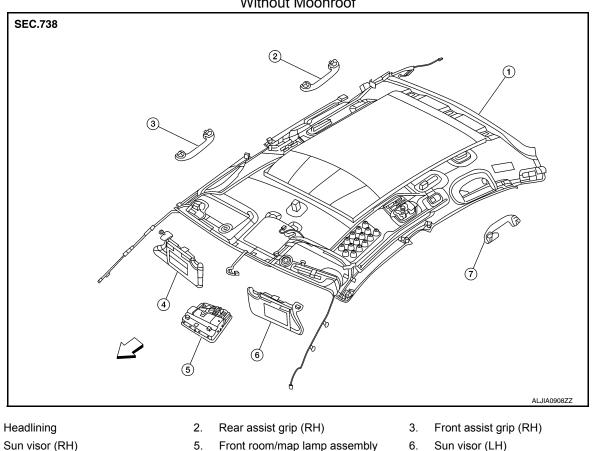
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## HEADLINING

#### < REMOVAL AND INSTALLATION >





- 1.
  - Sun visor (RH)

6. Sun visor (LH)

Rear assist grip (LH) 7.

## Removal and Installation

#### REMOVAL

4.

#### WARNING:

Before servicing turn ignition switch off, disconnect both battery terminals then wait at least three minutes.

<⇒ Front

- 1. Disconnect the negative and positive battery terminals, then wait at least three minutes. Refer to PG-78, "Removal and Installation".
- 2. Remove the front pillar finishers (LH/RH). Refer to INT-21, "FRONT PILLAR FINISHER : Removal and Installation".
- 3. Partially remove the front body side welts (LH/RH). Refer to INT-23, "BODY SIDE WELT : Removal and Installation - Front".
- 4. Partially remove the rear body side welts (LH/RH). Refer to INT-23, "BODY SIDE WELT : Removal and Installation - Rear".
- 5. Remove the rear pillar finishers (LH/RH). Refer to INT-25, "REAR PILLAR FINISHER : Removal and Installation".

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## HEADLINING

#### < REMOVAL AND INSTALLATION >

6. Remove the sun visor caps (1) (LH/RH) using a suitable tool.

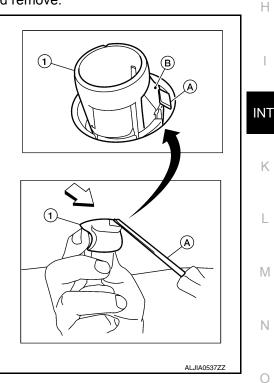
7. Remove the sun visor screws (A) (LH/RH).

- 8. Disconnect the harness connector from the sun visors (LH/RH) and remove.
- Insert a suitable tool (A) at approximately a 30 degree angle into the sun visor holder notch on the front of the sun visor holder (1). Press in to release the locking tab (B). While holding in locking 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 tool (A) is pressing in on the locking tab (B) and is not positioned under locking tab (B). Reinsert the suitable 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 tool is not positioned correctly.



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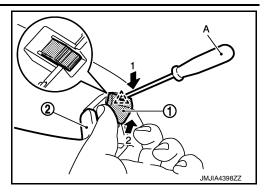
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## HEADLINING

#### < REMOVAL AND INSTALLATION >

- 10. Remove all assist grips.
- a. Disengage assist grip clip (1) using a suitable tool (A). Slide assist grip clip forward and remove.  $\sum_{i=1}^{n}$ : Clip
- b. Slide assist grip (2) forward and remove.



- 11. Remove the front room/map lamp assembly. Refer to INL-62. "Removal and Installation".
- 12. Remove the windshield glass. Refer to GW-12, "Removal and Installation".
- 13. Disconnect the harness connectors from the headlining, then remove the headlining through the windshield opening.

INSTALLATION

Installation is in the reverse order of removal.

## TRUNK ROOM TRIM & TRUNK LID FINISHER

#### < REMOVAL AND INSTALLATION >

## TRUNK ROOM TRIM & TRUNK LID FINISHER

## **Exploded View**

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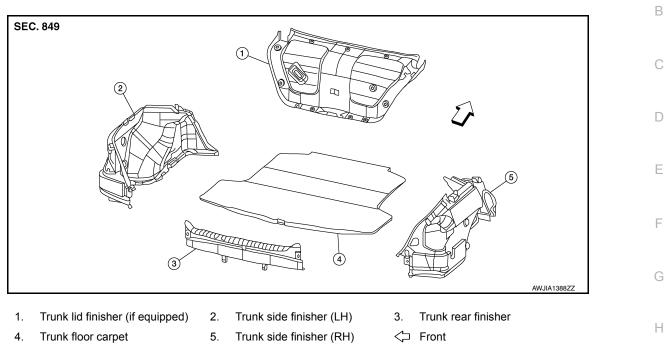
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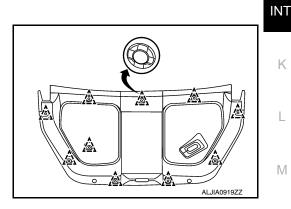


## TRUNK LID FINISHER

## TRUNK LID FINISHER : Removal and Installation

#### REMOVAL

1. Release the trunk lid finisher clips.  $A_{-}^{\wedge}$ : Clip



2. Release emergency trunk release cable from trunk lid finisher and remove. INSTALLATION

Installation is in the reverse order of removal. TRUNK FLOOR CARPET

## TRUNK FLOOR CARPET : Removal and Installation

#### REMOVAL

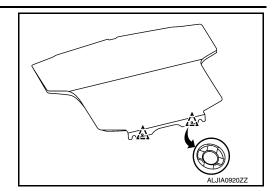
1. Lower the rear seat back.

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## **TRUNK ROOM TRIM & TRUNK LID FINISHER**

#### < REMOVAL AND INSTALLATION >

2. Remove the trunk floor carpet clips.  $\bigwedge$ : Clip



3. Remove the trunk floor carpet.

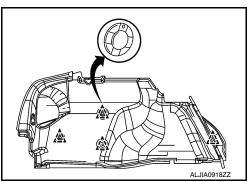
INSTALLATION Installation is in the reverse order of removal. TRUNK SIDE FINISHER

## TRUNK SIDE FINISHER : Removal and Installation

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#### REMOVAL

- 1. Remove the trunk floor carpet. Refer to INT-33. "TRUNK FLOOR CARPET : Removal and Installation".
- 2. Remove the rear seat bolster. Refer to SE-44, "Removal and Installation Rear Seat Bolster".
- 3. Remove the seatback latch finisher. Refer to INT-26, "Exploded View".
- 4. Remove the trunk rear finisher. Refer to INT-34, "TRUNK REAR FINISHER : Removal and Installation".
- 5. Remove the trunk side finisher clips.  $2^{-1}$ : Clip



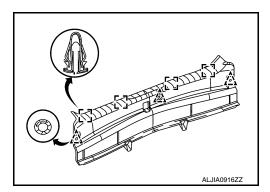
6. Remove the trunk side finisher.

INSTALLATION Installation is in the reverse order of removal. TRUNK REAR FINISHER

TRUNK REAR FINISHER : Removal and Installation

#### REMOVAL

- 1. Release the trunk rear finisher clips.
  - : Metal clip
  - ∠\_\_: Clip



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<b>TRUNK ROOM TRIM &amp; TRUNK LID FINISHER</b>	
< REMOVAL AND INSTALLATION >	
2. Remove the trunk rear finisher.	
INSTALLATION Installation is in the reverse order of removal.	А
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