

SECTION **SE**  
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J  
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P

CONTENTS

<b>PRECAUTION</b> .....	2	<b>PASSENGER SIDE</b> .....	18
<b>PRECAUTIONS</b> .....	2	PASSENGER SIDE : Exploded View .....	19
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER" .....	2	PASSENGER SIDE : Removal and Installation - Seat Assembly .....	20
Occupant Classification System .....	2	<b>HEATED SEAT SWITCH</b> .....	20
Precaution for Work .....	2	HEATED SEAT SWITCH : Removal and Installation .....	20
<b>PREPARATION</b> .....	3	<b>REAR SEAT</b> .....	22
<b>PREPARATION</b> .....	3	Exploded View .....	22
Special Service Tool .....	3	Removal and Installation - Seat Cushion Assembly .....	23
Commercial Service Tools .....	3	Removal and Installation - 60:40 Split Seatback .....	23
<b>CLIP LIST</b> .....	4	Removal and Installation - Armrest Assembly .....	23
Descriptions for Clips .....	4	Removal and Installation - Rear Seat Bolster .....	24
<b>WIRING DIAGRAM</b> .....	8	Removal and Installation - Seat Cushion Hook .....	24
<b>HEATED SEAT</b> .....	8	Removal and Installation - Seatback Striker .....	25
Wiring Diagram .....	8	Removal and Installation - Seatback Hinge Bracket .....	25
<b>SYMPTOM DIAGNOSIS</b> .....	11	<b>UNIT DISASSEMBLY AND ASSEMBLY</b> ...	26
<b>SQUEAK AND RATTLE TROUBLE DIAGNOSES</b> .....	11	<b>FRONT SEAT</b> .....	26
Work Flow .....	11	<b>DRIVER SIDE</b> .....	26
Generic Squeak and Rattle Troubleshooting .....	12	DRIVER SIDE : Exploded View .....	26
Diagnostic Worksheet .....	15	DRIVER SIDE : Disassembly and Assembly .....	27
<b>REMOVAL AND INSTALLATION</b> .....	17	DRIVER SIDE : Side Air Bag Module .....	32
<b>FRONT SEAT</b> .....	17	<b>PASSENGER SIDE</b> .....	34
<b>DRIVER SIDE</b> .....	17	PASSENGER SIDE : Exploded View .....	35
DRIVER SIDE : Exploded View .....	17	PASSENGER SIDE : Disassembly and Assembly .....	36
DRIVER SIDE : Removal and Installation - Seat Assembly .....	18	PASSENGER SIDE : Side Air Bag Module .....	41
		<b>REAR SEAT</b> .....	44
		Exploded View .....	44
		Disassembly and Assembly .....	45

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# PRECAUTIONS

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## PRECAUTION

### PRECAUTIONS

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

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The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the 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 three minutes before performing any service.

#### Occupant Classification System

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Replace occupant classification system control unit and passenger front seat frame assembly as an assembly. Refer to [SE-36. "PASSENGER SIDE : Disassembly and Assembly"](#).

#### Precaution for Work

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

# PREPARATION

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## PREPARATION

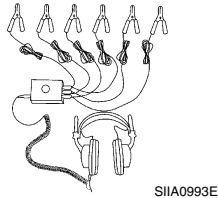
### PREPARATION

#### Special Service Tool

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

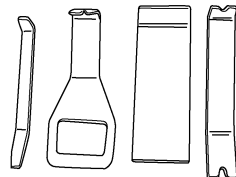
Tool number (TechMate No.) Tool name	Description
— (J-39570) Chassis Ear	Locating the noise
— (J-50397) NISSAN Squeak and Rattle Kit	Repairing the cause of noise
— (J-46534) Trim Tool Set	Removing trim components



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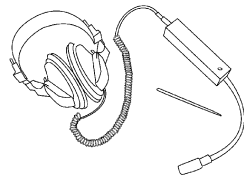


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#### Commercial Service Tools

INFOID:000000010290940

(TechMate No.) Tool name	Description
(J-39565) Engine Ear	Locating the noise



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# CLIP LIST


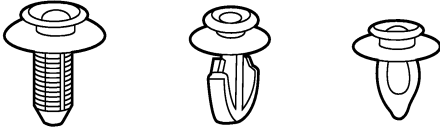


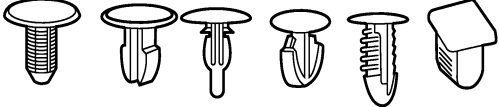
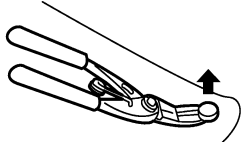

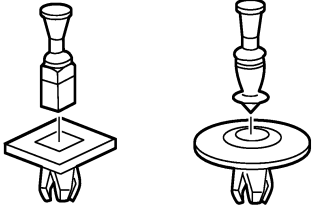
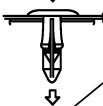
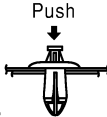

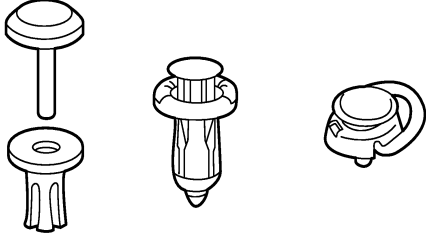
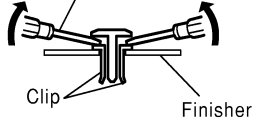

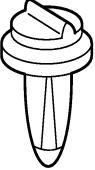
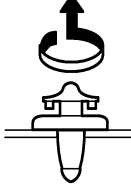
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## CLIP LIST

### Descriptions for Clips

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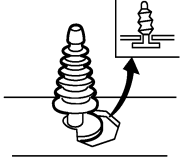
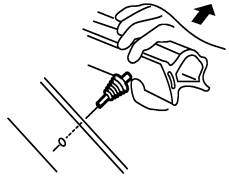

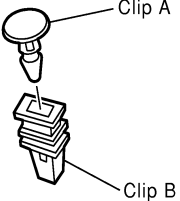
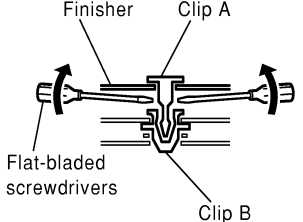

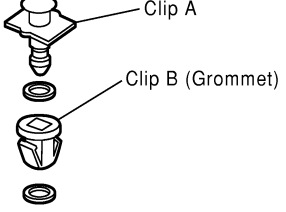
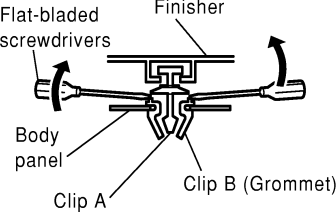


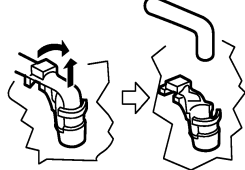

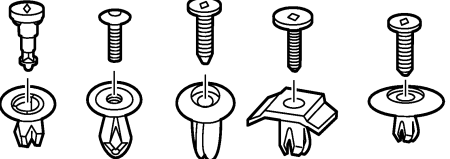

Replace any clips which are damaged during removal or installation.

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

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# CLIP LIST

## < PREPARATION >


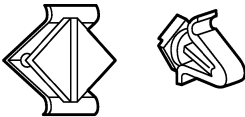

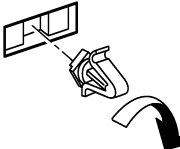

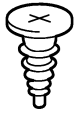



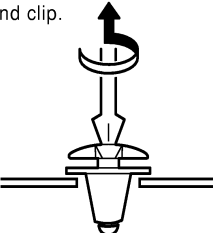


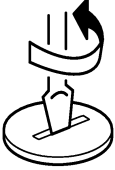
Symbol No.	Shapes	Removal & Installation
<p>CE103</p> 		<p><b>Removal:</b></p> 
<p>CF110</p> 		<p><b>Removal:</b></p> 
<p>CF118</p> 		<p><b>Removal:</b></p> 
<p>CR103</p> 		<p><b>Removal:</b> Holder portion of clip must be spread out to remove rod.</p> 
<p>CS101</p> 		<p><b>Removal:</b></p> <ol style="list-style-type: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

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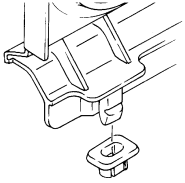
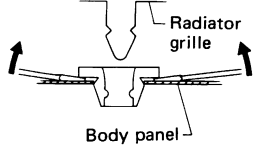

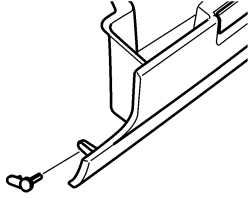
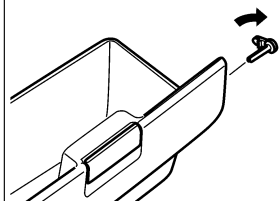

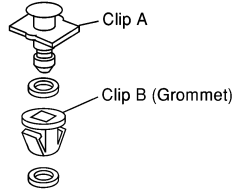
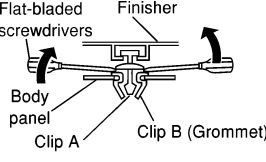
## < PREPARATION >

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

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# CLIP LIST

< PREPARATION >

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

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# HEATED SEAT

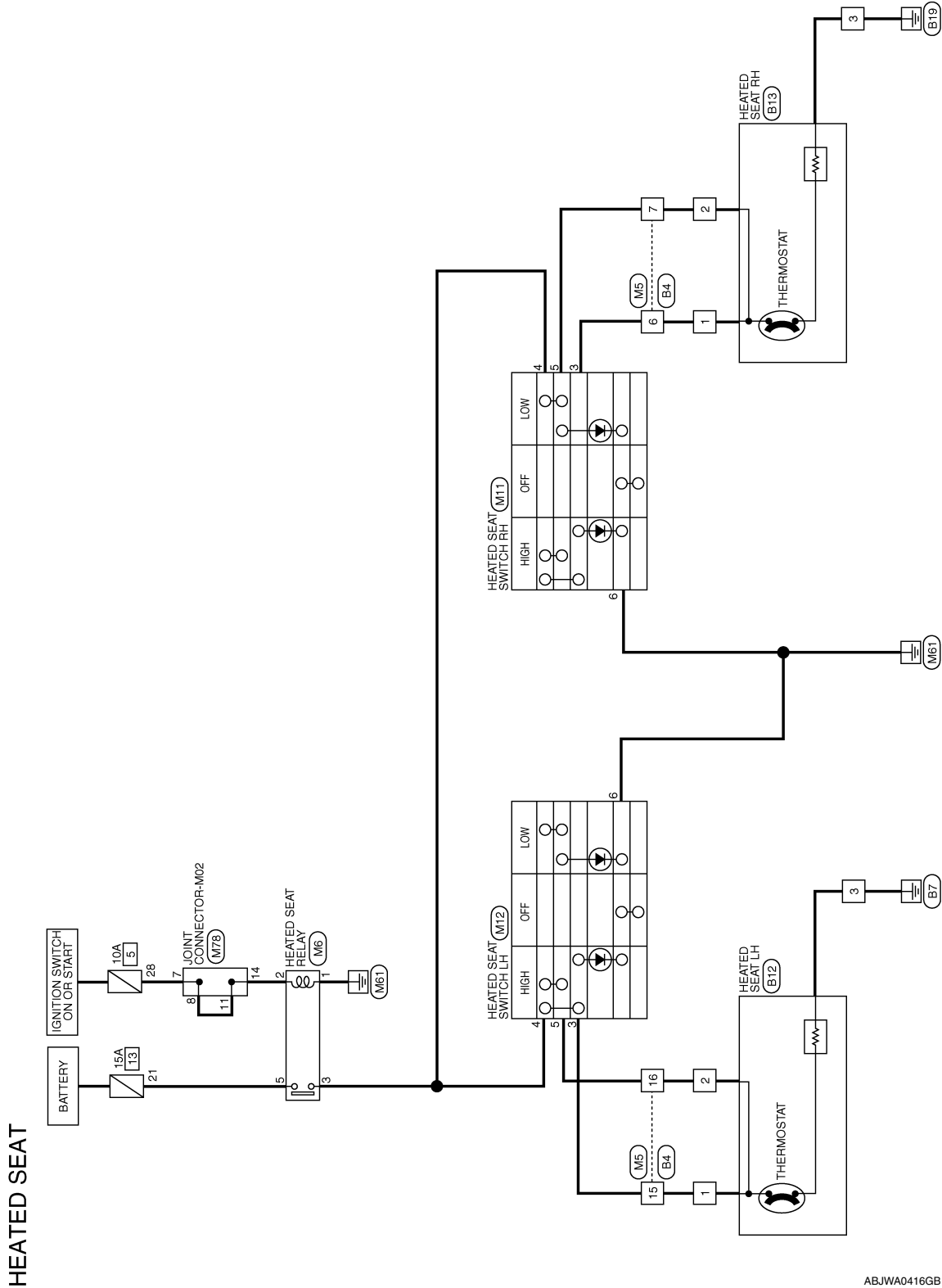
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## WIRING DIAGRAM

### HEATED SEAT

Wiring Diagram

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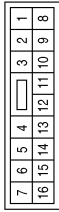


# HEATED SEAT

< WIRING DIAGRAM >

## HEATED SEAT CONNECTORS

Connector No.	M5
Connector Name	WIRE TO WIRE
Connector Color	WHITE



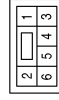
Terminal No.	Color of Wire	Signal Name
6	R	-
7	L	-
15	P	-
16	GR	-

Connector No.	M6
Connector Name	HEATED SEAT RELAY
Connector Color	BLUE



Terminal No.	Color of Wire	Signal Name
1	B	-
2	O	-
3	G	-
5	V	-

Connector No.	M11
Connector Name	HEATED SEAT SWITCH RH
Connector Color	BROWN



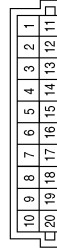
Terminal No.	Color of Wire	Signal Name
3	R	-
4	G	-
5	L	-
6	B	-

Connector No.	M12
Connector Name	HEATED SEAT SWITCH LH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
3	P	-
4	G	-
5	GR	-
6	B	-

Connector No.	M78
Connector Name	JOINT CONNECTOR-M02
Connector Color	PINK



Terminal No.	Color of Wire	Signal Name
7	G	-
8	LG	-
11	LG	-
14	O	-

Connector No.	B4
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
6	P	-
7	GR	-
15	BR	-
16	V	-

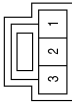
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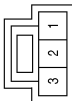
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Connector No.	B13
Connector Name	HEATED SEAT RH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	P	-
2	GR	-
3	B	-

Connector No.	B12
Connector Name	HEATED SEAT LH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	BR	-
2	V	-
3	B	-

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# SQUEAK AND RATTLE TROUBLE DIAGNOSES

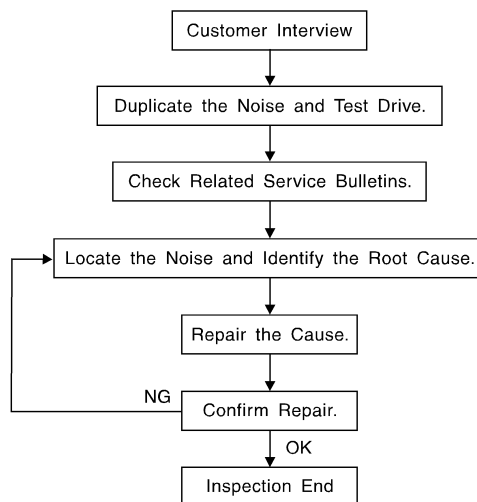
< SYMPTOM DIAGNOSIS >

## SYMPTOM DIAGNOSIS

### SQUEAK AND RATTLE TROUBLE DIAGNOSES

#### Work Flow

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#### CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any customer's comments; refer to [SE-15, "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 [SE-12. "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:000000010290943

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:

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B

C

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SE

K

L

M

N

O

P

# 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.

### 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.

# SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

## Diagnostic Worksheet

INFOID:000000010290944

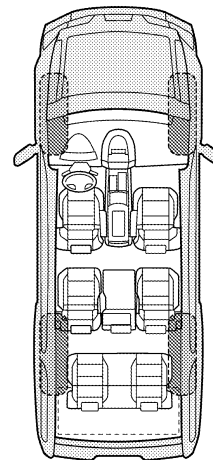
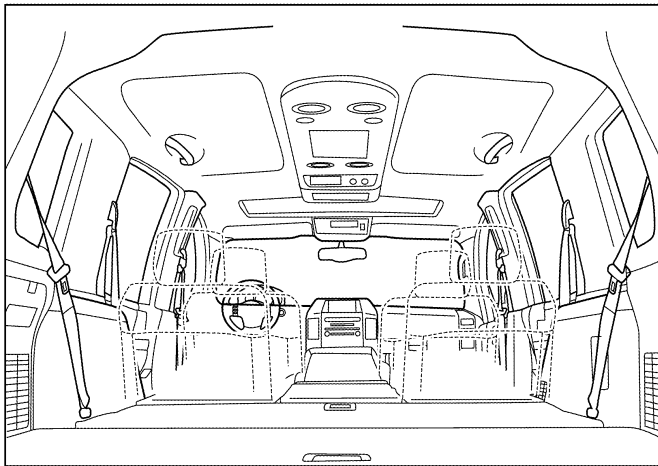
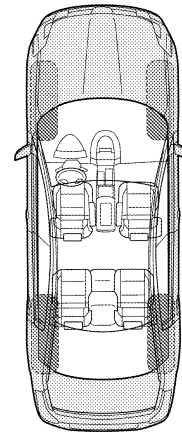
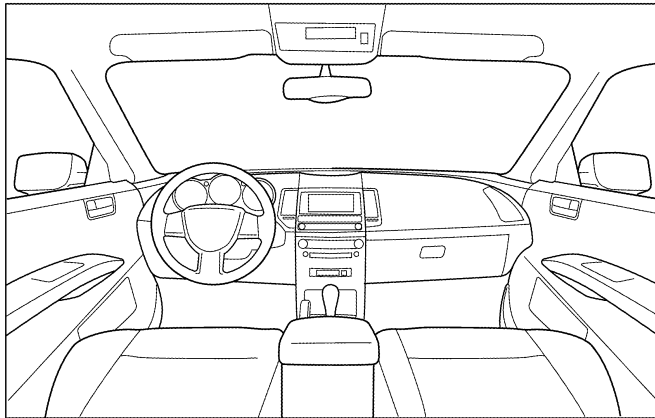
Dear Customer:

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.

A  
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P

# 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

LAI0071E



# FRONT SEAT

< REMOVAL AND INSTALLATION >

## REMOVAL AND INSTALLATION

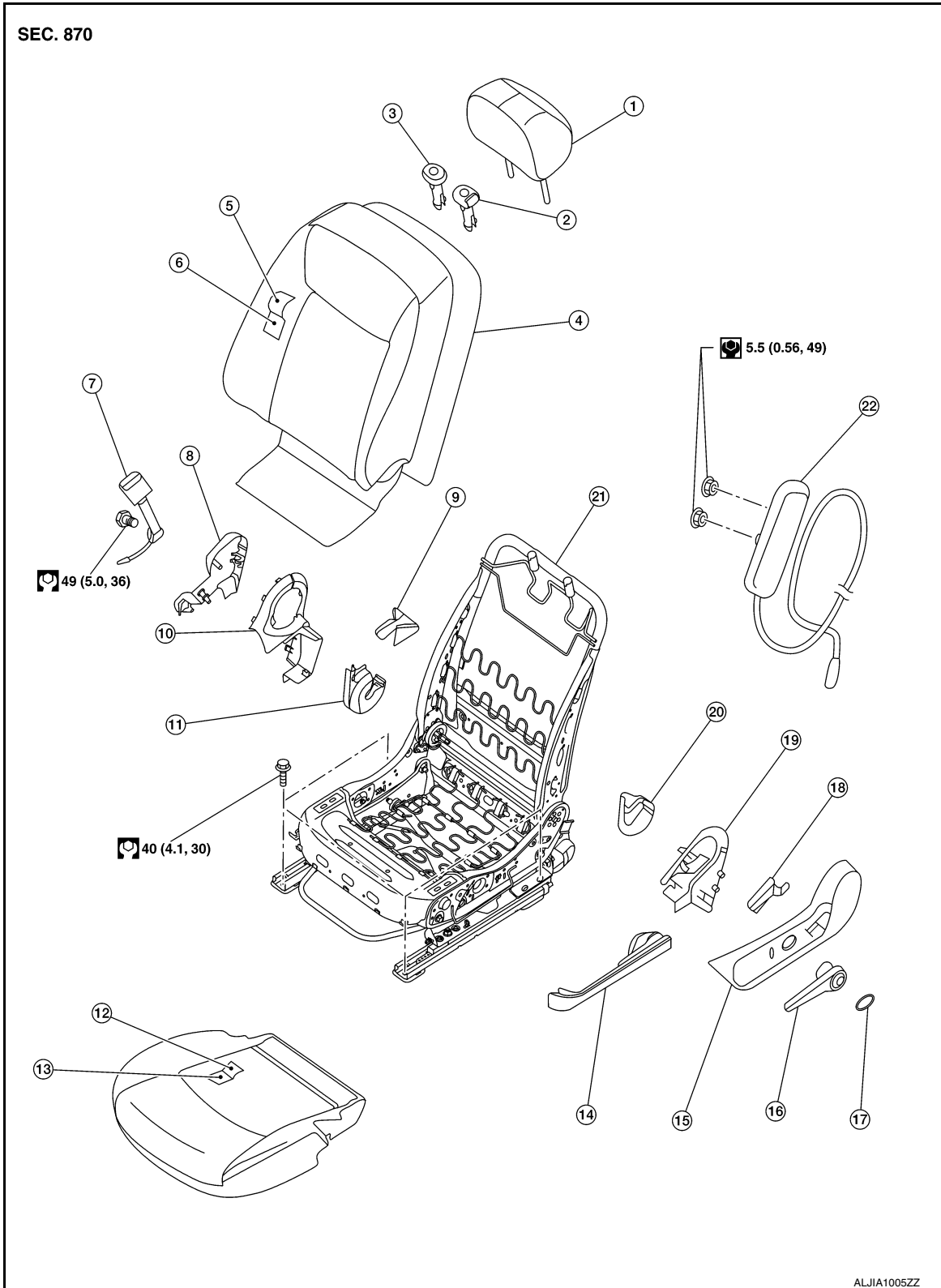
FRONT SEAT

DRIVER SIDE

DRIVER SIDE : Exploded View

INFOID:000000009756874

### DRIVER SEAT



ALJIA1005ZZ

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# FRONT SEAT

## < REMOVAL AND INSTALLATION >

- |                                      |                                     |                                      |
|--------------------------------------|-------------------------------------|--------------------------------------|
| 1. Headrest                          | 2. Headrest holder (locked)         | 3. Headrest holder (free)            |
| 4. Seatback silencer                 | 5. Seatback trim                    | 6. Seatback pad                      |
| 7. Seat belt buckle                  | 8. Seat cushion outer finisher (RH) | 9. Slide cover (RH)                  |
| 10. Seat cushion inner finisher (RH) | 11. Recline mechanism cover (RH)    | 12. Seat cushion trim                |
| 13. Seat cushion pad                 | 14. Slide cover (LH)                | 15. Seat cushion outer finisher (LH) |
| 16. Lift lever                       | 17. Lift lever finisher             | 18. Recline lever                    |
| 19. Seat cushion inner finisher (LH) | 20. Recline mechanism cover (LH)    | 21. Seat frame assembly              |
| 22. Side air bag module              |                                     |                                      |

## DRIVER SIDE : Removal and Installation - Seat Assembly

INFOID:000000009756875

### REMOVAL

#### **WARNING:**

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat repair. It can lead to personal injury if the side air bag module should accidentally deploy.

#### **CAUTION:**

- When removing or installing the seat trim, handle it carefully to keep dirt out and to avoid damage.
- Do not drop, tilt, or bump the side air bag module while installing the seat. Always handle it with care.
- After front side air bag module inflates, the front seatback assembly must be replaced.
- When removing and installing the seat, use shop cloths to protect components from damage.
- Before removing the front seat, turn the ignition switch OFF, disconnect both battery cables and wait at least three minutes.

1. Disconnect the negative and positive battery terminals and wait at least three minutes. Refer to [PG-50, "Removal and Installation \(Battery\)"](#).
2. Slide the seat to the full forward position.
3. Remove the two rear seat bolts.
4. Slide the seat to the full rearward position.
5. Remove the two front seat bolts.
6. Tilt the seat rearward to disconnect the harness connectors from the seat and remove.

### INSTALLATION

Installation is in the reverse order of removal.

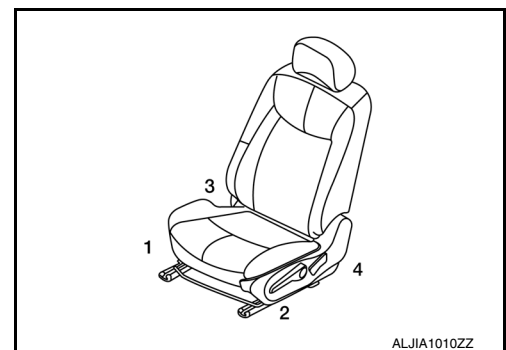
#### **CAUTION:**

Make sure that the seat harness or the floor trim is not damaged during installation.

#### **NOTE:**

- When installing the LH front seat, tighten the bolts in the order shown.

**LH front seat bolt torque : 40 N·m (4.1 kg-m, 30 ft-lb)**



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## PASSENGER SIDE

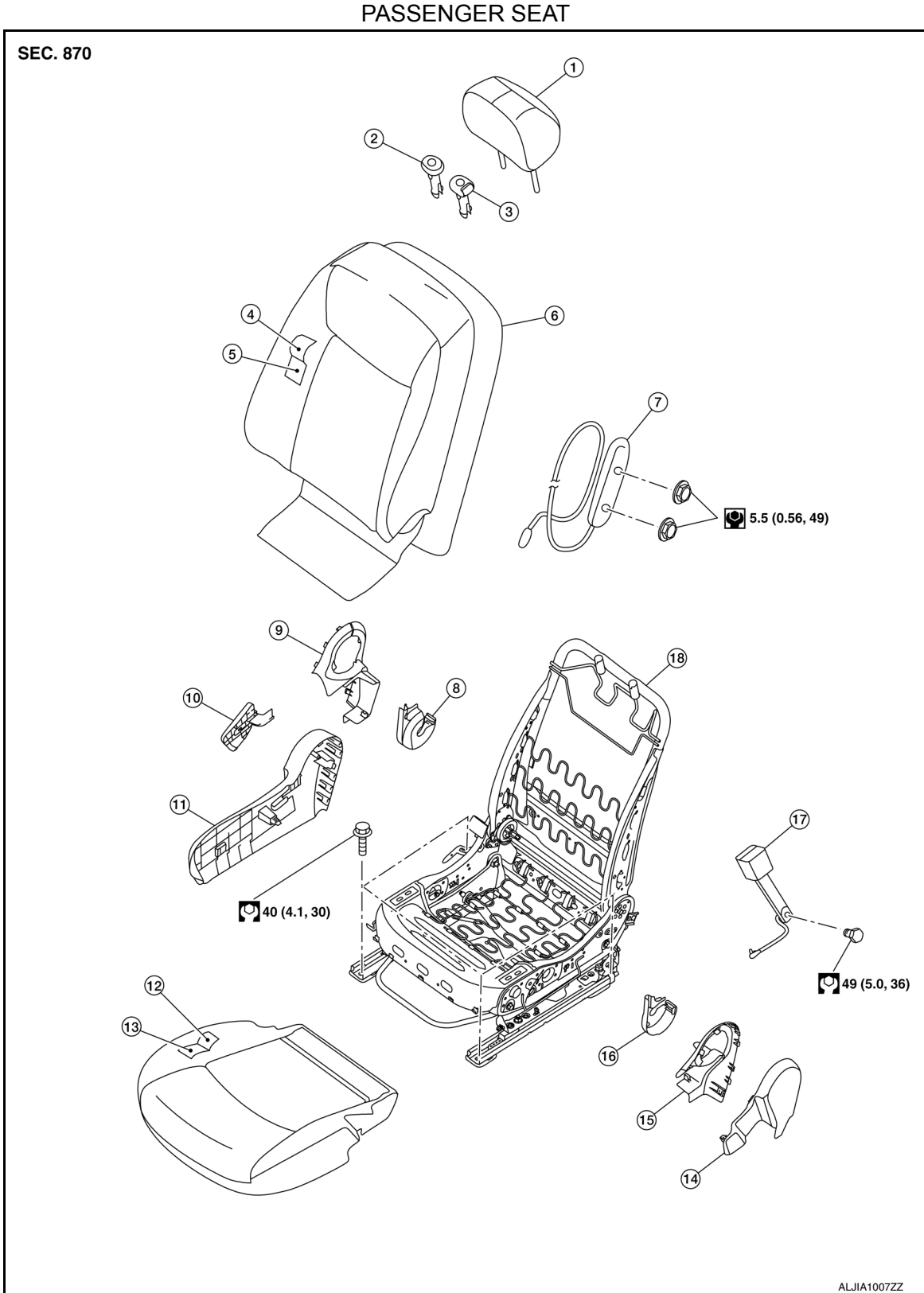
# FRONT SEAT

< REMOVAL AND INSTALLATION >

## PASSENGER SIDE : Exploded View

INFOID:000000009756876

A  
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- |                        |                                      |                                     |
|------------------------|--------------------------------------|-------------------------------------|
| 1. Headrest            | 2. Headrest holder (free)            | 3. Headrest holder (locked)         |
| 4. Seatback trim       | 5. Seatback pad                      | 6. Seatback silencer                |
| 7. Side air bag module | 8. Recline mechanism cover (RH)      | 9. Seat cushion inner finisher (RH) |
| 10. Recline lever      | 11. Seat cushion outer finisher (RH) | 12. Seat cushion trim               |

# FRONT SEAT

## < REMOVAL AND INSTALLATION >

- |                                  |                                      |                                      |
|----------------------------------|--------------------------------------|--------------------------------------|
| 13. Seat cushion pad             | 14. Seat cushion outer finisher (LH) | 15. Seat cushion inner finisher (LH) |
| 16. Recline mechanism cover (LH) | 17. Seat belt buckle                 | 18. Seat frame assembly              |

## PASSENGER SIDE : Removal and Installation - Seat Assembly

INFOID:000000009756877

### REMOVAL

#### **WARNING:**

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat repair. It can lead to personal injury if the side air bag module should accidentally deploy.

#### **CAUTION:**

- Front passenger seat is equipped with an Occupant Classification System sensor and control module. Do not disassemble front passenger seat cushion assembly or remove the trim as this will affect the Occupant Classification System calibration.
  - When removing or installing the seat trim, handle it carefully to keep dirt out and to avoid damage.
  - Do not drop, tilt, or bump the side air bag module while installing the seat. Always handle it with care.
  - After front side air bag module inflates, the front seatback assembly must be replaced.
  - When removing and installing the seat, use shop cloths to protect components from damage.
  - Before removing the front seat, turn the ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
1. Disconnect the negative and positive battery terminals and wait at least three minutes. Refer to [PG-50, "Removal and Installation \(Battery\)"](#).
  2. Slide the seat to the full forward position.
  3. Remove the two rear seat bolts.
  4. Slide the seat to the full rearward position.
  5. Remove the two front seat bolts.
  6. Tilt the seat rearward to disconnect the harness connectors from the seat and remove.

### INSTALLATION

Installation is in the reverse order of removal.

#### **WARNING:**

- Perform additional services when installing front passenger seat. Refer to [SRC-41, "ZERO POINT RESET : Description"](#).
- Zero point reset must be performed every time the front passenger seat is removed from the vehicle.
- Zero point reset is done after the front passenger seat is installed in vehicle and all bolts are tightened to specification.

#### **CAUTION:**

Make sure that the seat harness or the floor trim is not damaged during installation.

- When installing the RH front seat, tighten the bolts in the order shown.

**RH front seat bolt torque : 40 N·m (4.1 kg-m, 30 ft-lb)**



## HEATED SEAT SWITCH

### HEATED SEAT SWITCH : Removal and Installation

INFOID:000000009756878

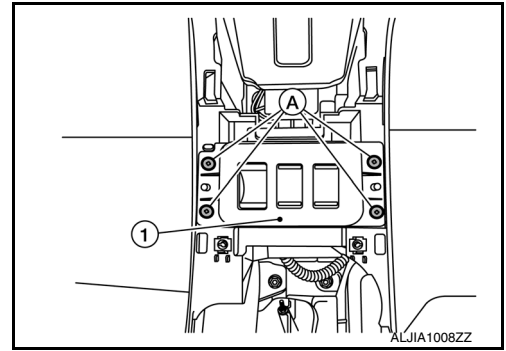
### REMOVAL

1. Remove the shift selector finisher. Refer to [IP-17, "Removal and Installation"](#).

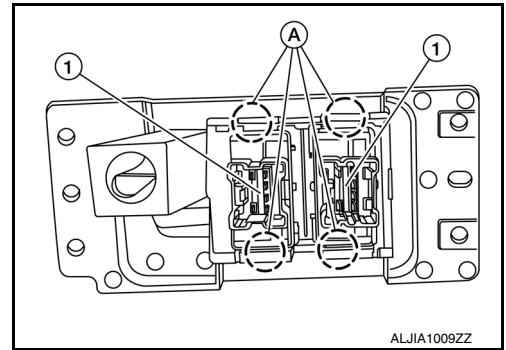
# FRONT SEAT

## < REMOVAL AND INSTALLATION >

2. Remove the screws (A) and the front heated seat switch finisher (1) from the center console assembly.



3. Disconnect the harness connectors from the front heated seat switches.
4. Release the pawls (A) using a suitable tool and remove the front heated seat switches (1) from the front heated seat switch finisher.



## INSTALLATION

Installation is in the reverse order of removal.

A  
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SE

# REAR SEAT

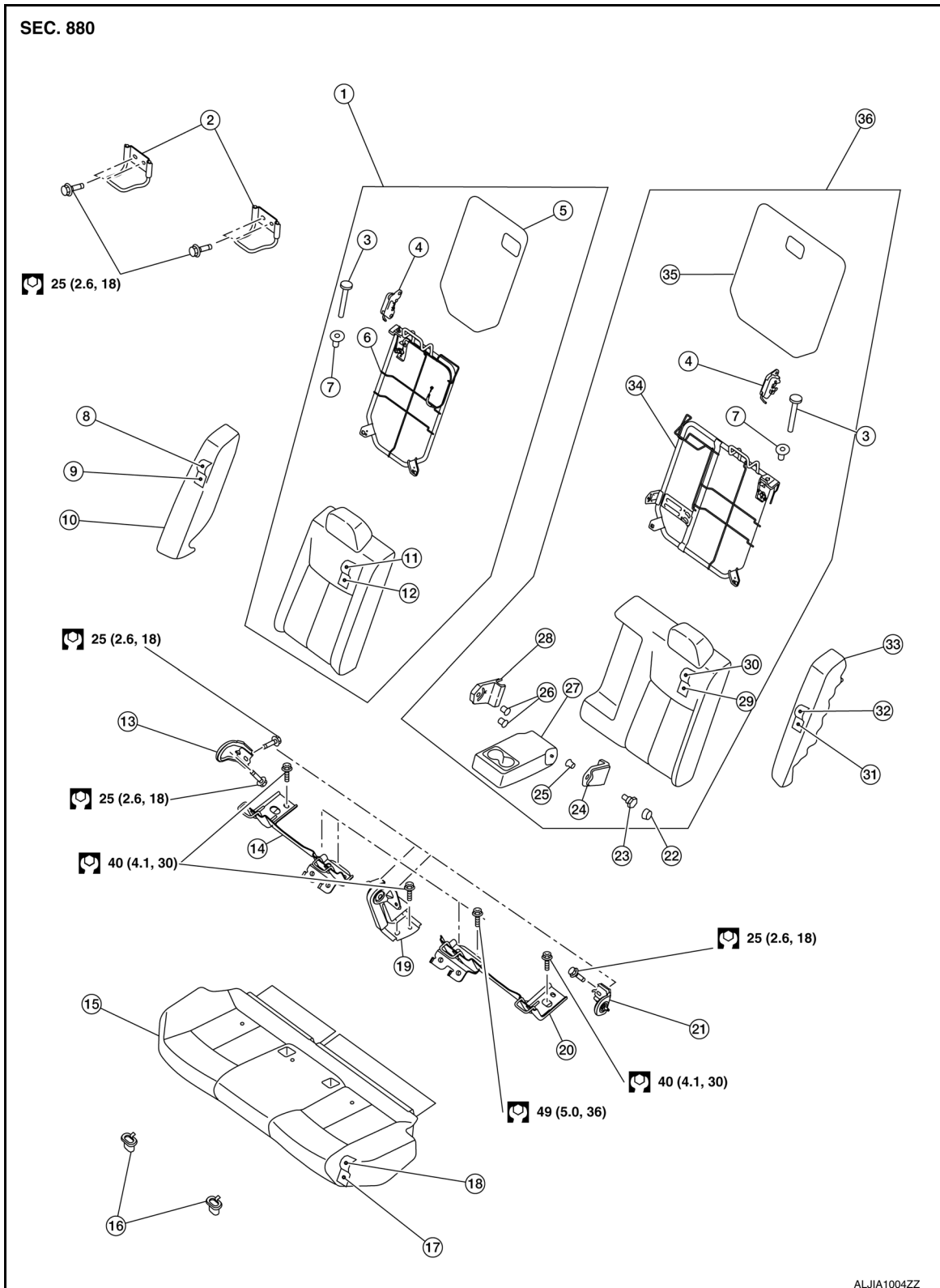
< REMOVAL AND INSTALLATION >

## REAR SEAT

Exploded View

INFOID:00000009756879

### 60:40 SPLIT SEATBACK



- 1. Rear seatback assembly (RH)
- 4. Seatback latch assembly

- 2. Seatback striker
- 5. Seatback silencer (RH)

- 3. Seatback latch release knob
- 6. Rear seatback frame (RH)

# REAR SEAT

## < REMOVAL AND INSTALLATION >

- |   |                                 |                                 |
|---|---------------------------------|---------------------------------|
| 7. Seatback latch release knob finisher | 8. Rear seat bolster trim (RH)  | 9. Rear seat bolster pad (RH)   |
| 10. Rear seat bolster (RH)              | 11. Seatback trim (RH)          | 12. Seatback pad (RH)           |
| 13. Seatback hinge bracket (RH)         | 14. LATCH bracket (RH)          | 15. Seat cushion assembly       |
| 16. Seat cushion hook                   | 17. Seat cushion pad            | 18. Seat cushion trim           |
| 19. Seatback hinge bracket (center)     | 20. LATCH bracket (LH)          | 21. Seatback hinge bracket (LH) |
| 22. Armrest pivot bolt finisher         | 23. Armrest pivot bolt          | 24. Armrest hinge bracket       |
| 25. Armrest bushing (LH)                | 26. Armrest bushing (RH)        | 27. Armrest assembly            |
| 28. Armrest hinge finisher              | 29. Seatback pad (LH)           | 30. Seatback trim (LH)          |
| 31. Rear seat bolster pad (LH)          | 32. Rear seat bolster trim (LH) | 33. Rear seat bolster (LH)      |
| 34. Rear seatback frame (LH)            | 35. Seatback silencer (LH)      | 36. Rear seatback assembly (LH) |

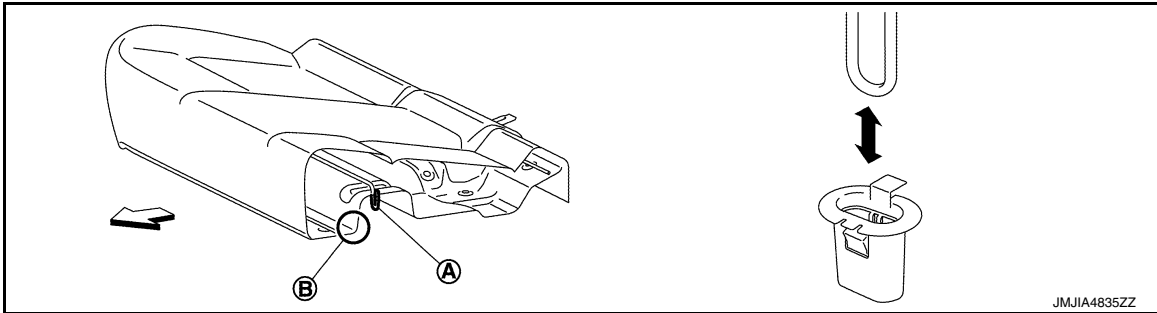
## Removal and Installation - Seat Cushion Assembly

INFOID:000000009756880

### REMOVAL

- Lift up the seat cushion assembly close to the front edge (B) to release it from the seat cushion hooks (A) (one for each side) and remove the seat cushion assembly.

↔: Front



### INSTALLATION

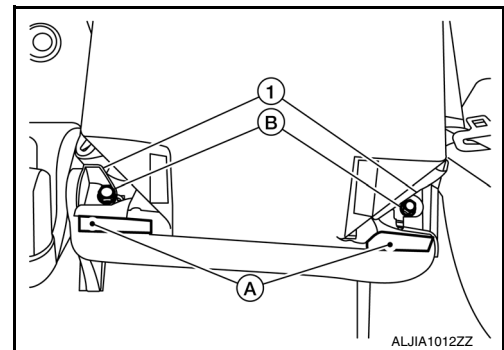
Installation is in the reverse order of removal.

## Removal and Installation - 60:40 Split Seatback

INFOID:000000009756881

### REMOVAL

- Place the rear seatback assembly in the folded down position.
- Release the hook fasteners (A) in the lower corners of the rear seatback assembly.
- Remove the rear seatback assembly bolts (B) from the seatback hinge brackets (1), then remove the rear seatback assembly.



### INSTALLATION

Installation is in the reverse order of removal.

- Tighten the rear seatback assembly bolts to specification. Refer to [SE-22, "Exploded View"](#).

## Removal and Installation - Armrest Assembly

INFOID:000000009756882

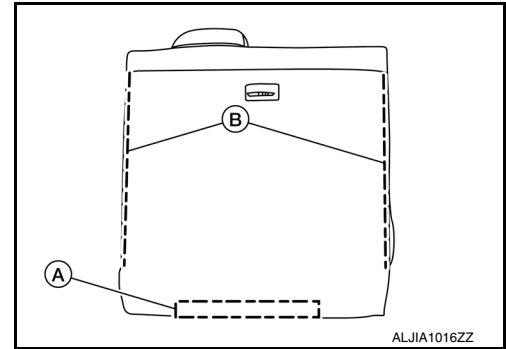
### REMOVAL

- Place the rear seatback assembly (LH) in the folded down position.

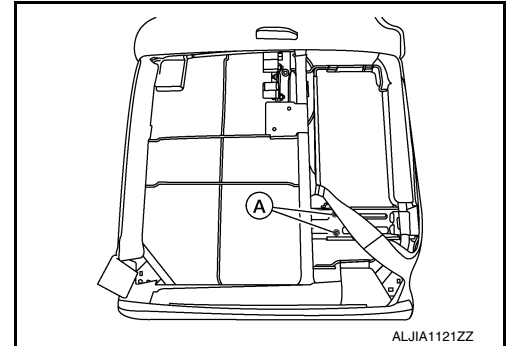
# REAR SEAT

## < REMOVAL AND INSTALLATION >

2. Release the J-hook retainer (A) and unzip the seatback trim zippers (B).



3. Remove two nuts (A) and the armrest assembly.



## INSTALLATION

Installation is in the reverse order of removal.

## Removal and Installation - Rear Seat Bolster

INFOID:000000009756883

### REMOVAL

1. Remove the seat cushion assembly. Refer to [SE-23, "Removal and Installation - Seat Cushion Assembly"](#).
2. Remove the seat belt from the seat belt guide.
3. Remove the bolt at bottom of rear seat bolster.
4. Lift the rear seat bolster to remove.

### INSTALLATION

Installation is in the reverse order of removal.

- Tighten rear seat bolster bolt to specification. Refer to [SE-22, "Exploded View"](#).

## Removal and Installation - Seat Cushion Hook

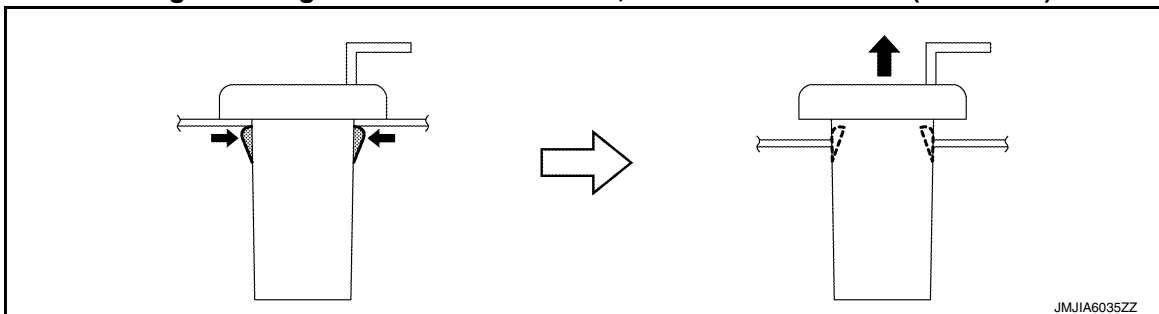
INFOID:000000009756884

### REMOVAL

1. Remove the seat cushion assembly. Refer to [SE-23, "Removal and Installation - Seat Cushion Assembly"](#).
2. Release the seat cushion hook pawls as shown and remove.

### **CAUTION:**

**Before removing/installing the seat cushion hook, check its orientation (front/rear).**



### INSTALLATION



# REAR SEAT

## < REMOVAL AND INSTALLATION >

Installation is in the reverse order of removal.

### Removal and Installation - Seatback Striker

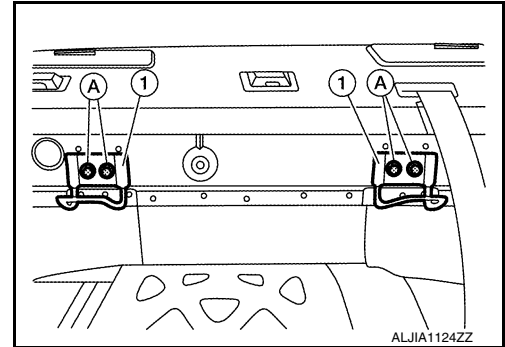
INFOID:000000009756885

#### REMOVAL

1. Place the rear seatback assemblies (LH/RH) in the folded down position.
2. Remove the top three clips of the rear seatback finisher and position aside to access the seatback striker bolts. Refer to [INT-32, "Exploded View"](#).
3. Remove bolts (A) and the seatback strikers (1).

**NOTE:**

Rear seatback finisher removed for clarity.



#### INSTALLATION

Installation is in the reverse order of removal.

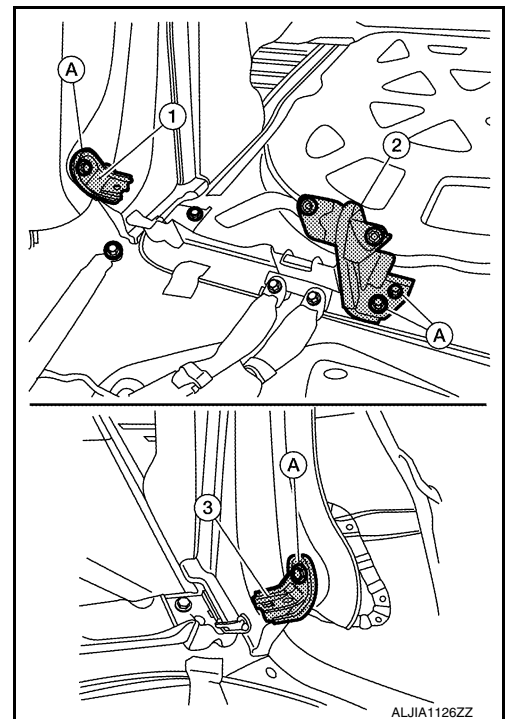
- Tighten the seatback striker bolts to specification. Refer to [SE-22, "Exploded View"](#).

### Removal and Installation - Seatback Hinge Bracket

INFOID:000000009756886

#### REMOVAL

1. Remove the rear seatback assemblies (LH/RH). Refer to [SE-23, "Removal and Installation - 60:40 Split Seatback"](#).
2. Remove the seat cushion assembly. Refer to [SE-23, "Removal and Installation - Seat Cushion Assembly"](#).
3. Remove rear seatback hinge bracket bolts (A) and remove.  
(1): Seatback hinge bracket (RH)  
(2): Seatback hinge bracket (center)  
(3): Seatback hinge bracket (LH)



#### INSTALLATION

Installation is in the reverse order of removal.

- Tighten the seatback hinge brackets to specification. Refer to [SE-22, "Exploded View"](#).

# FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

## UNIT DISASSEMBLY AND ASSEMBLY

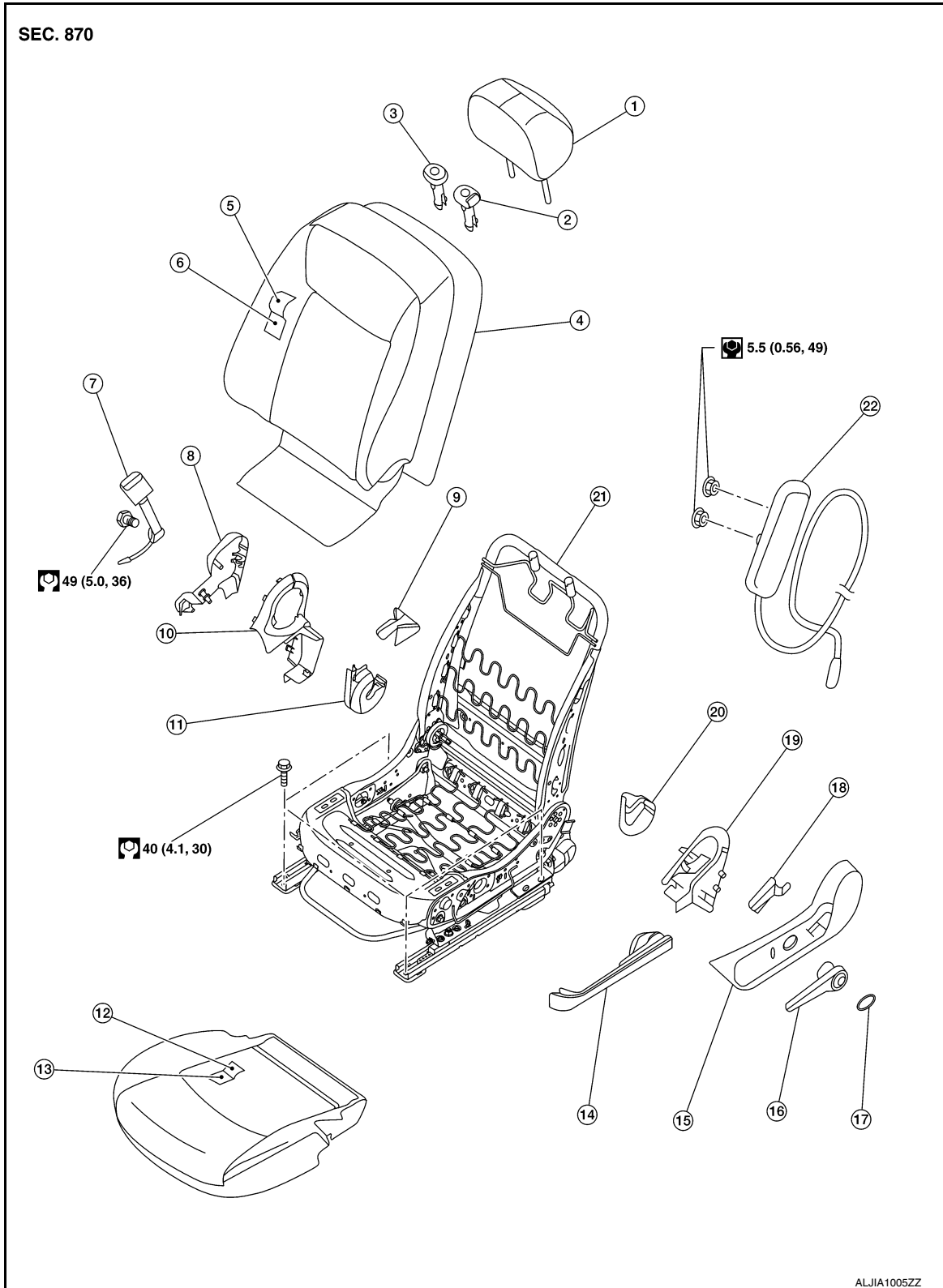
FRONT SEAT

DRIVER SIDE

DRIVER SIDE : Exploded View

INFOID:000000009756887

### DRIVER SEAT



# FRONT SEAT

## < UNIT DISASSEMBLY AND ASSEMBLY >

- |                                      |                                     |                                      |   |
|--------------------------------------|-------------------------------------|--------------------------------------|---|
| 1. Headrest                          | 2. Headrest holder (locked)         | 3. Headrest holder (free)            | A |
| 4. Seatback silencer                 | 5. Seatback trim                    | 6. Seatback pad                      |   |
| 7. Seat belt buckle                  | 8. Seat cushion outer finisher (RH) | 9. Slide cover (RH)                  | B |
| 10. Seat cushion inner finisher (RH) | 11. Recline mechanism cover (RH)    | 12. Seat cushion trim                |   |
| 13. Seat cushion pad                 | 14. Slide cover (LH)                | 15. Seat cushion outer finisher (LH) | C |
| 16. Lift lever                       | 17. Lift lever finisher             | 18. Recline lever                    |   |
| 19. Seat cushion inner finisher (LH) | 20. Recline mechanism cover (LH)    | 21. Seat frame assembly              |   |
| 22. Side air bag module              |                                     |                                      |   |

## DRIVER SIDE : Disassembly and Assembly

INFOID:000000009756888

### SEATBACK ASSEMBLY

#### **WARNING:**

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seatback repair. It can lead to personal injury if the side air bag should accidentally deploy.

#### **CAUTION:**

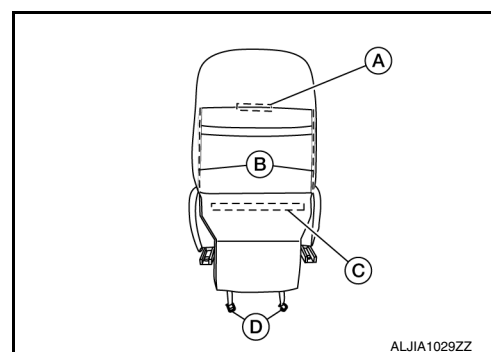
- Before servicing, turn the ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
- Handle the side air bag module carefully. During disassembly, always hold the side air bag module, do not let it hang by the wire harness.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not insert any objects into the side air bag module.
- Do not attempt to disassemble the side air bag module.
- Do not expose the side air bag module to temperatures exceeding 93°C (200°F).
- Do not expose the side air bag module to any oil, grease, detergent or water.
- During disassembly, do not damage the seatback board, chutes, connectors, retainers, clips, module harness or the side air bag module.

#### **NOTE:**

If the vehicle has been involved in a collision and the side air bag module has deployed, the seatback pad and seatback trim must be replaced.

#### Disassembly

1. Remove the front seat assembly. Refer to [SE-18, "DRIVER SIDE : Removal and Installation - Seat Assembly"](#).
2. Remove the headrest.
3. Release the lower seatback trim retainer straps (D) from the seat frame assembly.
4. Unzip the seatback zippers (B), then release J-hook retainers (C) and (A).



5. Unclip the side air bag harness from the seat frame assembly.  
**NOTE:**  
Take note of harness routing and attachment location for accurate installation.
6. Disconnect the harness connector from the seatback heater (if equipped).
7. Remove the seatback assembly from the seat frame assembly.

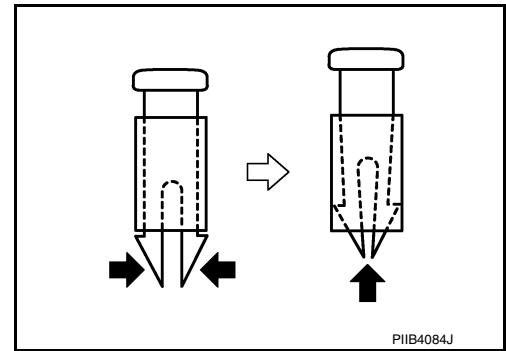
## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

- a. Release the headrest holder locks as shown and remove the headrest holders.

**CAUTION:**

Before removing/installing the headrest holder, check its orientation (front/rear and right/left).

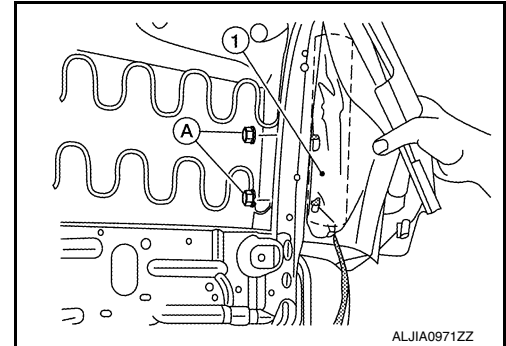


- b. Remove and discard the side air bag module nuts (A).

**CAUTION:**

Do not reuse the side air bag module nuts.

(1): Side air bag module

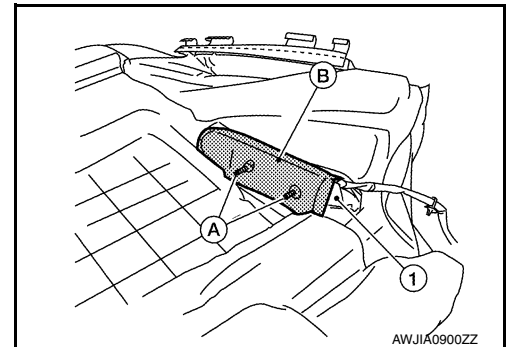


- c. Disengage the side air bag module studs from the seat frame assembly and lift the seatback trim and seatback pad as an assembly from the seat frame assembly.

8. Separate the seatback trim from the seatback pad.

- a. Open the seatback trim and release the side air bag module studs (A) from the holes in the chute (B).

- b. Pull the side air bag module (1) out of the chute (B) and remove from the seatback trim.



**CAUTION:**

- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not strike the side air bag module.



## FRONT SEAT

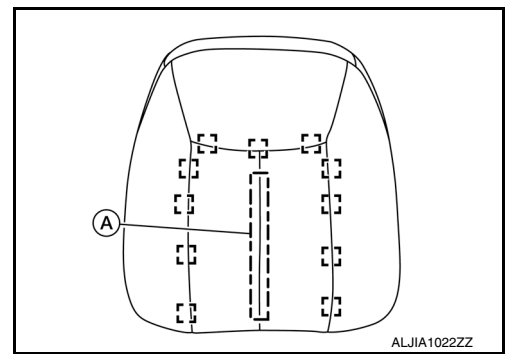
### < UNIT DISASSEMBLY AND ASSEMBLY >

- c. Remove the hog rings, release the hook fastener (A) and separate the seatback trim from the seatback pad.

☐☐: Hog ring

**NOTE:**

Remove all pieces of hog rings and discard them.



#### Assembly

Assembly is in the reverse order of disassembly.

**CAUTION:**

- Inspect seatback pad, seatback trim and seatback trim chutes. Replace if damaged.
- Smooth out all wrinkles during assembly.
- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-17. "SRS Final Check"](#).

- When installing the side air bag module, make sure the side air bag chute (1) is pulled over the outboard surface of the side air bag module (2). Make sure there are no wrinkles and the chute is not folded, twisted or pinched.

(3): Seatback pad

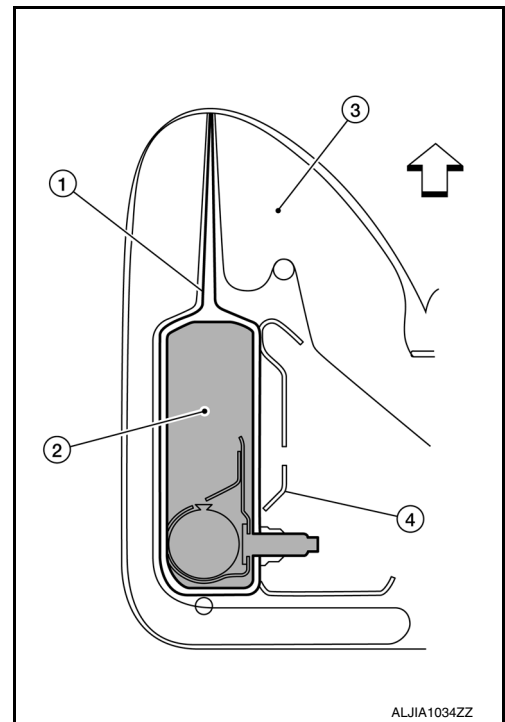
(4): Seat frame assembly

⇐: Front

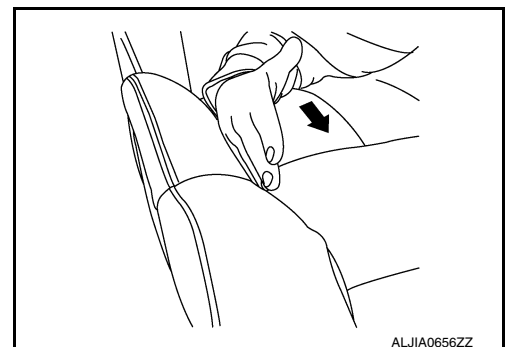
- Tighten the side air bag module nuts to specification. Refer to [SE-26. "DRIVER SIDE : Exploded View"](#).

**CAUTION:**

Do not reuse the side air bag module nuts.



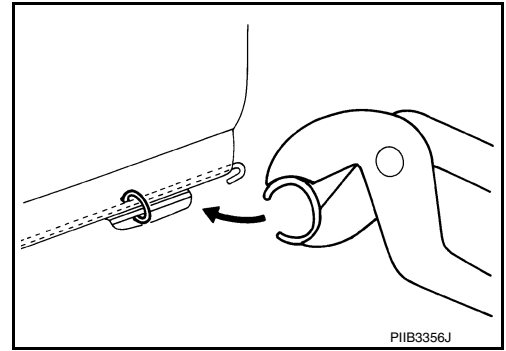
- When installing the seatback trim, firmly push down while sliding your hand along the seams as shown (⇐) to ensure the hook fasteners below the seatback trim are fastened properly.



# FRONT SEAT

## < UNIT DISASSEMBLY AND ASSEMBLY >

- Install new hog rings on the seatback trim in original positions.  
Use only one hog ring in each designated location.  
Ensure hog rings are correctly fastened around both the seatback trim and seatback pad wires.  
Use NISSAN standard hog rings and tools to assemble.



## SEAT CUSHION

### WARNING:

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat cushion repair. It can lead to personal injury if the side air bag should accidentally deploy.

### CAUTION:

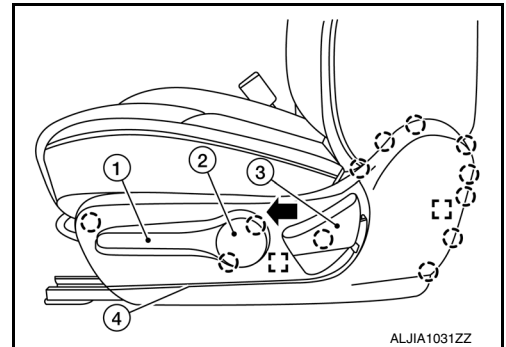
- Before servicing, turn the ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- During disassembly, do not damage the seatback cover, chutes, connectors, retainers, clips, module harness or the side air bag module.

### Disassembly

1. Remove the front seat assembly. Refer to [SE-18, "DRIVER SIDE : Removal and Installation - Seat Assembly"](#).

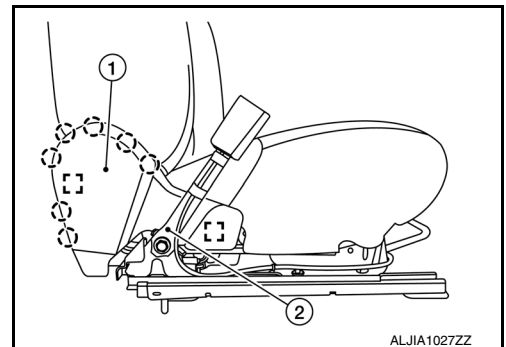
2. Remove the seat cushion outer finisher (LH) (4).
  - a. Release pawls and remove the lift lever finisher (2).
  - b. Remove two screws and the lift lever (1).
  - c. Release pawl and remove the recline lever (3) as shown.
  - d. Release pawls and pull to release the metal clips.

- ☐: Metal clip
- : Pawl



3. Remove the seat cushion outer finisher (RH) (1).
  - a. Remove the seat belt buckle (2) and position aside. Refer to [SB-8, "Removal and Installation"](#).
  - b. Release pawls and pull to release the metal clips.

- ☐: Metal clip
- : Pawl



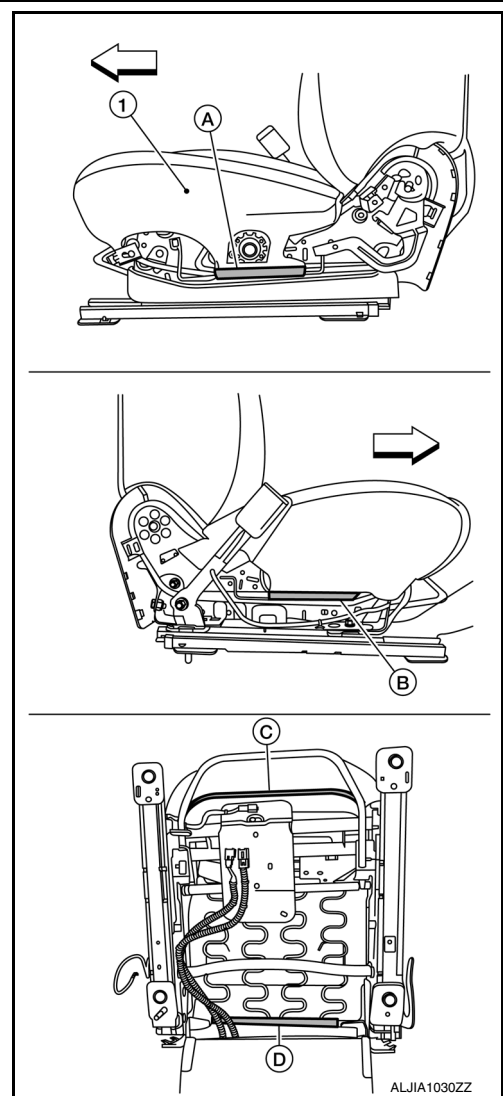
## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

4. Remove the seat cushion trim (1) and seat cushion pad as an assembly.
  - ⇐: Front
  - a. Release J-clip retainer (A) from the seat frame assembly.
  - b. Release J-clip retainer (B) from the seat frame assembly.
  - c. Release J-clip retainer (D) from the seat frame assembly.
  - d. Release retainer strip (C) from the seat frame assembly.
  - e. Disconnect the harness connector from the seat cushion heater (if equipped).

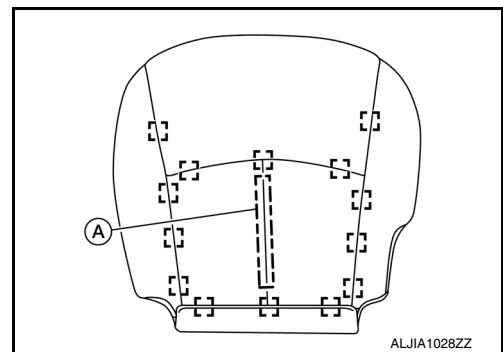
**NOTE:**  
Take note of harness routing and attachment location for accurate installation.

- f. Remove the seat cushion trim and seat cushion pad as an assembly from the seat frame assembly.



5. Remove the hog rings, release the hook fastener (A) and separate the seat cushion trim from the seat cushion pad.
  - : Hog ring

**NOTE:**  
Remove all pieces of hog rings and discard them.



#### Assembly

Assembly is in the reverse order of disassembly.

#### **CAUTION:**

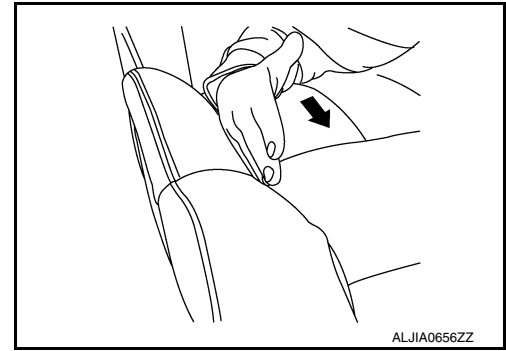
- Smooth out all wrinkles during assembly.
- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-17, "SRS Final Check"](#).



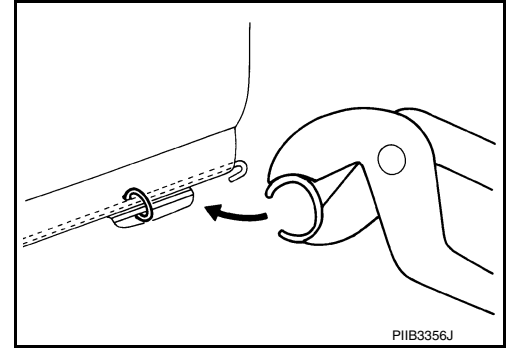
## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

- When installing the seat cushion trim, firmly push down while sliding your hand along the seams as shown (←) to ensure the hook fasteners below the seat cushion trim are fastened properly.



- Install new hog rings on the seat cushion trim in original positions. Use only one hog ring in each designated location. Ensure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires. Use NISSAN standard hog rings and tools to assemble.



### DRIVER SIDE : Side Air Bag Module

INFOID:000000009756889

#### **WARNING:**

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seatback repair. It can lead to personal injury if the side air bag should accidentally deploy.

#### **CAUTION:**

- Before servicing the side air bag module, turn the ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
- Handle the side air bag module carefully. During disassembly, always hold the side air bag module, do not let it hang by the wire harness.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not insert any objects into the side air bag module.
- Do not attempt to disassemble the side air bag module.
- Do not expose the side air bag module to temperatures exceeding 93°C (200°F).
- Do not expose the side air bag module to any oil, grease, detergent or water.
- During disassembly, do not damage the seatback board, chutes, connectors, retainers, clips, module harness or the side air bag module.

#### **NOTE:**

- If the vehicle has been involved in a collision and the side air bag has deployed, the front seatback assembly must be replaced.
- For side air bag module removal and installation, seatback trim and seatback pad must be removed.

### DISASSEMBLY

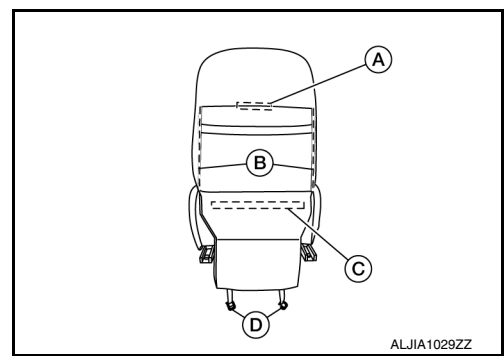
1. Remove the front seat assembly. Refer to [SE-18, "DRIVER SIDE : Removal and Installation - Seat Assembly"](#).
2. Remove the headrest.



## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

3. Release the lower seatback trim retainer straps (D) from the seat frame assembly.
4. Unzip the seatback zippers (B), then release the J-hook retainers (C) and (A).

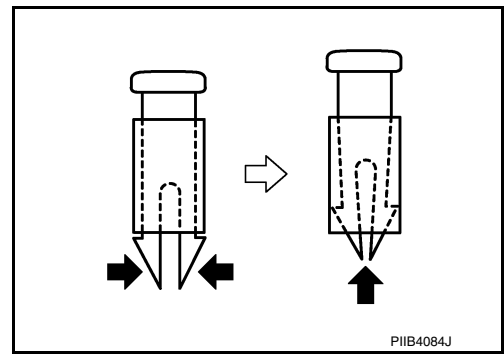


5. Unclip the side air bag module harness from the seat frame assembly.
 

**NOTE:**  
Take note of harness routing and attachment location for accurate installation.
6. Disconnect the harness connector from the seatback heater (if equipped).
7. Remove the seatback assembly from the seat frame assembly.
- a. Release the headrest holder locks as shown and remove the headrest holders.

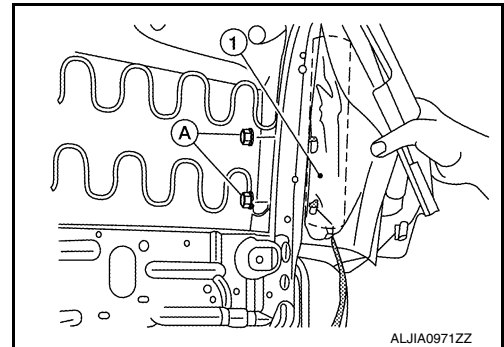
**CAUTION:**

**Before removing/installing the headrest holder, check its orientation (front/rear and right/left).**

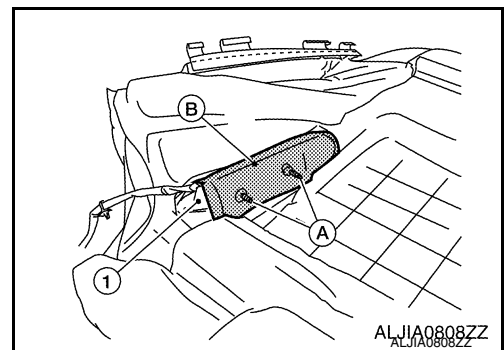


- b. Remove and discard the side air bag module nuts (A).
 

**CAUTION:**  
**Do not reuse the side air bag module nuts.**  
(1): Side air bag module



- c. Disengage the side air bag module studs from the seat frame assembly and lift the seatback trim and seatback pad as an assembly from the seat frame assembly.
8. Open the seatback trim and release the side air bag module studs (A) from the holes in the chute (B).
9. Pull the side air bag module (1) out of the chute (B) and remove from the seatback trim.



**CAUTION:**

## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not strike the side air bag module.



### ASSEMBLY

Installation is in the reverse order of removal.

#### **CAUTION:**

- Inspect seatback pad, seatback trim and seatback trim chutes. Replace if damaged.
- Smooth out all wrinkles during assembly.
- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After installation is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-17, "SRS Final Check"](#).
- When installing the side air bag module, make sure the side air bag chute (1) is pulled over the outboard surface of the side air bag module (2). Make sure there are no wrinkles and the chute is not folded, twisted or pinched.

(3): Seatback pad

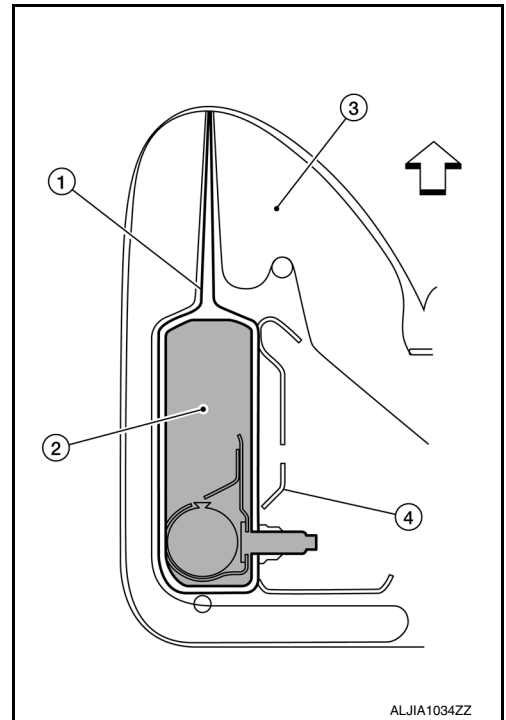
(4): Seat frame assembly

↔: Front

- Tighten the side air bag module nuts to specification. Refer to [SE-26, "DRIVER SIDE : Exploded View"](#).

#### **CAUTION:**

Do not reuse the side air bag module nuts.



## PASSENGER SIDE

# FRONT SEAT

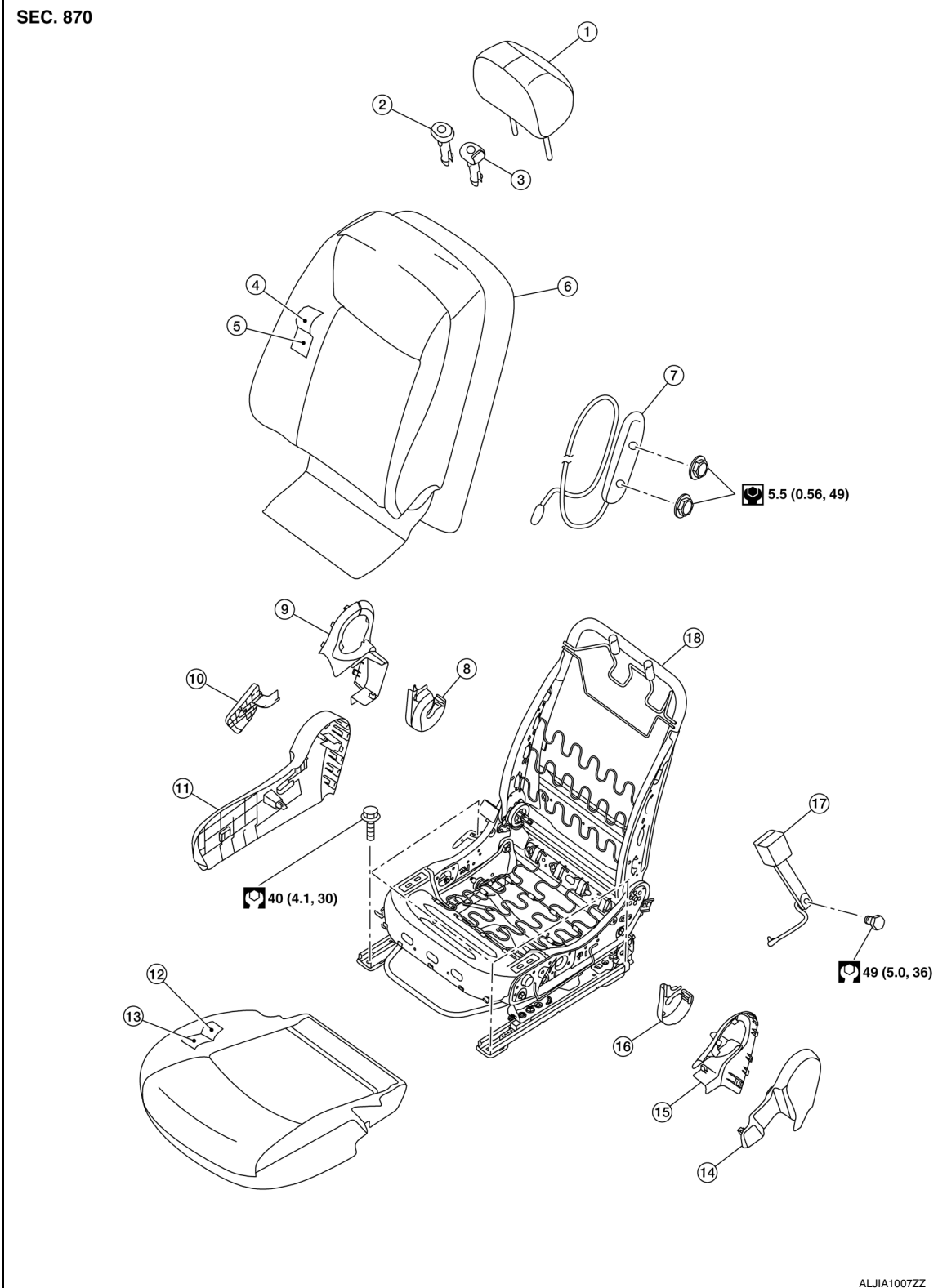
< UNIT DISASSEMBLY AND ASSEMBLY >

## PASSENGER SIDE : Exploded View

INFOID:000000009756890

A  
B  
C  
D  
E  
F  
G  
H  
I  
SE  
K  
L  
M  
N  
O  
P

### PASSENGER SEAT



- |                        |                                      |                                     |
|------------------------|--------------------------------------|-------------------------------------|
| 1. Headrest            | 2. Headrest holder (free)            | 3. Headrest holder (locked)         |
| 4. Seatback trim       | 5. Seatback pad                      | 6. Seatback silencer                |
| 7. Side air bag module | 8. Recline mechanism cover (RH)      | 9. Seat cushion inner finisher (RH) |
| 10. Recline lever      | 11. Seat cushion outer finisher (RH) | 12. Seat cushion trim               |

# FRONT SEAT

## < UNIT DISASSEMBLY AND ASSEMBLY >

- |                                  |                                      |                                      |
|----------------------------------|--------------------------------------|--------------------------------------|
| 13. Seat cushion pad             | 14. Seat cushion outer finisher (LH) | 15. Seat cushion inner finisher (LH) |
| 16. Recline mechanism cover (LH) | 17. Seat belt buckle                 | 18. Seat frame assembly              |

## PASSENGER SIDE : Disassembly and Assembly

INFOID:000000009756891

### SEATBACK ASSEMBLY

#### **WARNING:**

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seatback repair. It can lead to personal injury if the side air bag should accidentally deploy.

#### **CAUTION:**

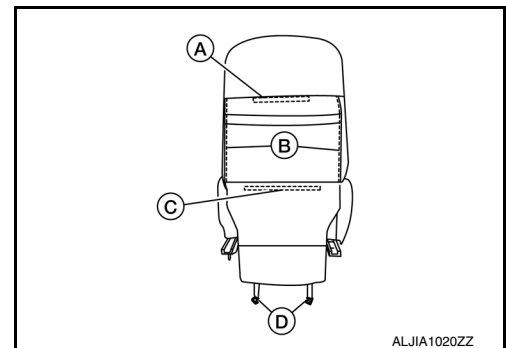
- Before servicing, turn the ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
- Handle the side air bag module carefully. During disassembly, always hold the side air bag module, do not let it hang by the wire harness.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not insert any objects into the side air bag module.
- Do not attempt to disassemble the side air bag module.
- Do not expose the side air bag module to temperatures exceeding 93°C (200°F).
- Do not expose the side air bag module to any oil, grease, detergent or water.
- During disassembly, do not damage the seatback board, chutes, connectors, retainers, clips, module harness or the side air bag module.

#### **NOTE:**

If the vehicle has been involved in a collision and the side air bag module has deployed, the seatback pad and seatback trim must be replaced.

#### Disassembly

1. Remove the front seat assembly. Refer to [SE-20. "PASSENGER SIDE : Removal and Installation - Seat Assembly"](#).
2. Remove the headrest.
3. Release the lower seatback trim retainer straps (D) from the seat frame assembly.
4. Unzip the seatback zippers (B), then release the J-hook retainers (C) and (A).



5. Unclip the side air bag module harness from the seat frame assembly.

#### **NOTE:**

Take note of harness routing and attachment location for accurate installation.

6. Disconnect the harness connector from the seatback heater (if equipped).
7. Remove the seatback assembly from the seat frame assembly.

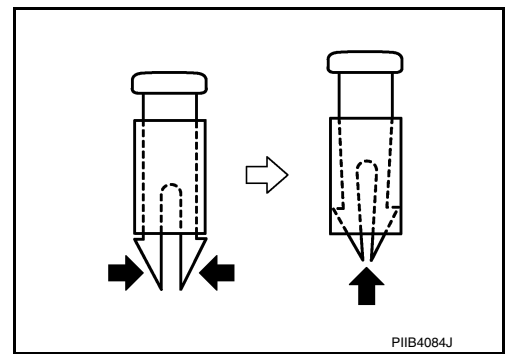
# FRONT SEAT

## < UNIT DISASSEMBLY AND ASSEMBLY >

- a. Release the headrest holder locks as shown and remove the headrest holders.

**CAUTION:**

Before removing/installing the headrest holder, check its orientation (front/rear and right/left).

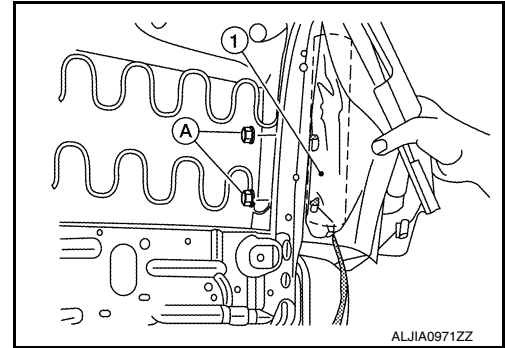


- b. Remove and discard the side air bag module nuts (A).

**CAUTION:**

Do not reuse the side air bag module nuts.

(1): Side air bag module

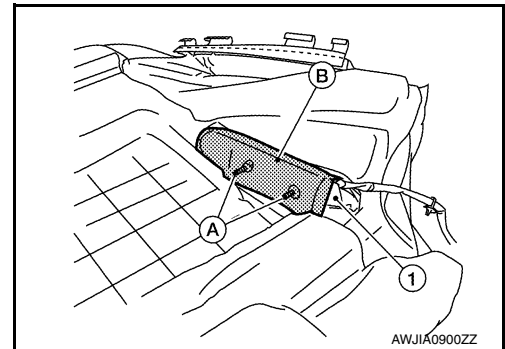


- c. Disengage the side air bag module studs from the seat frame assembly and lift the seatback trim and seatback pad as an assembly from the seat frame assembly.

8. Separate the seatback trim from the seatback pad.

- a. Open the seatback trim and release the side air bag module studs (A) from the holes in the chute (B).

- b. Pull the side air bag module (1) out of the chute (B) and remove from the seatback trim.



**CAUTION:**

- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not strike the side air bag module.



A  
B  
C  
D  
E  
F  
G  
H  
I  
SE  
K  
L  
M  
N  
O  
P

# FRONT SEAT

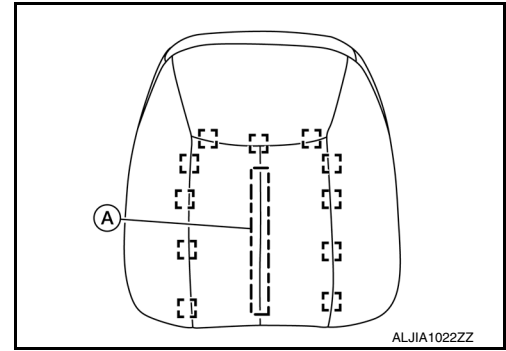
## < UNIT DISASSEMBLY AND ASSEMBLY >

- c. Remove the hog rings, release the hook fastener (A) and separate the seatback trim from the seatback pad.

[ ]: Hog ring

**NOTE:**

Remove all pieces of hog rings and discard them.



### Assembly

Assembly is in the reverse order of disassembly.

**CAUTION:**

- Inspect seatback pad, seatback trim and seatback trim chutes. Replace if damaged.
- Smooth out all wrinkles during assembly.
- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-17, "SRS Final Check"](#).

- When installing the side air bag module, make sure the side air bag chute (3) is pulled over the outboard surface of the side air bag module (4). Make sure there are no wrinkles and the chute is not folded, twisted or pinched.

(1): Seatback pad

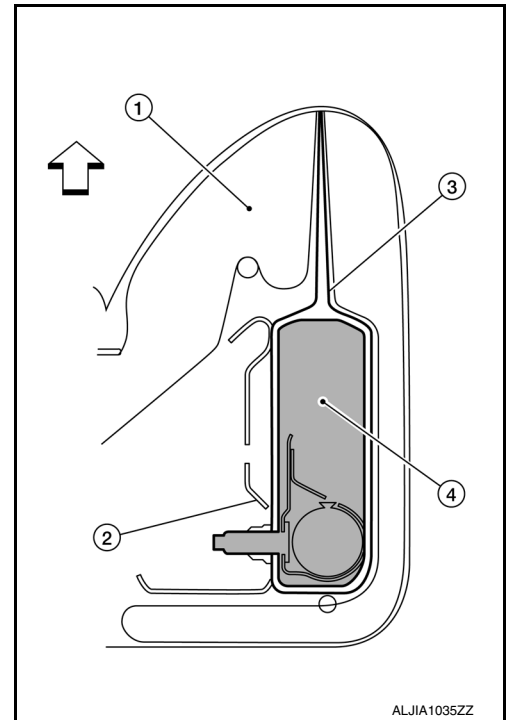
(2): Seat frame assembly

⇐: Front

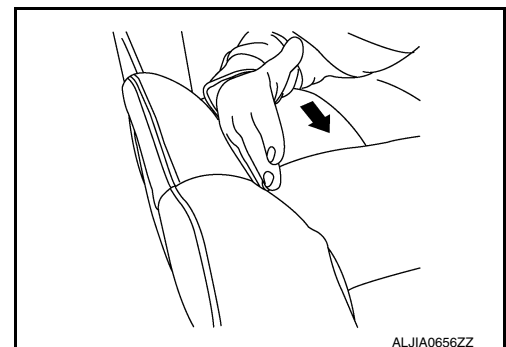
- Tighten the side air bag nuts to specification. Refer to [SE-35, "PASSENGER SIDE : Exploded View"](#).

**CAUTION:**

Do not reuse the side air bag module nuts.



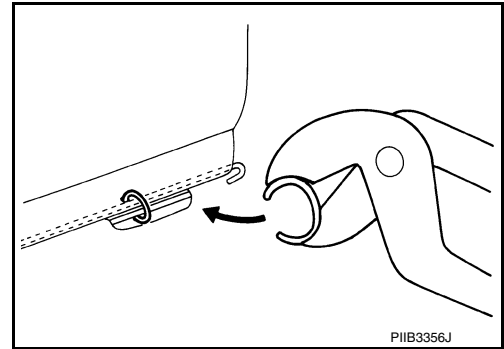
- When installing the seatback trim, firmly push down while sliding your hand along the seams as shown (⇐) to ensure the hook fasteners below the seatback trim are fastened properly.



# FRONT SEAT

## < UNIT DISASSEMBLY AND ASSEMBLY >

- Install new hog rings on the seatback trim in original positions. Use only one hog ring in each designated location. Ensure hog rings are correctly fastened around both the seatback trim and seatback pad wires. Use NISSAN standard hog rings and tools to assemble.



## SEAT CUSHION

### WARNING:

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat cushion repair. It can lead to personal injury if the side air bag should accidentally deploy.

### CAUTION:

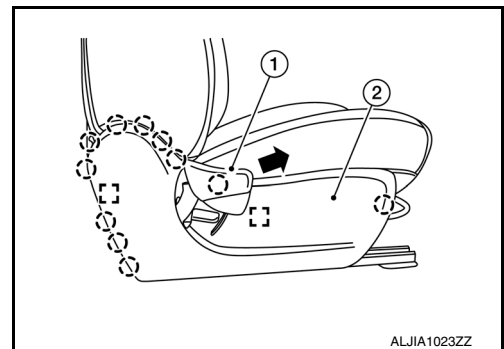
- Front passenger seat is equipped with an Occupant Classification System sensor and control module. Do not disassemble front passenger seat cushion assembly or remove the trim as this will affect the Occupant Classification System calibration.
- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- During disassembly, do not damage the seatback cover, chutes, connectors, retainers, clips, module harness or the side air bag module.

### Disassembly

1. Remove the front seat assembly. Refer to [SE-20. "PASSENGER SIDE : Removal and Installation - Seat Assembly"](#).

2. Remove the seat cushion outer finisher (RH) (2).
  - a. Release pawl and remove the recline lever (1) as shown.
  - b. Release pawls and pull to release the metal clips.

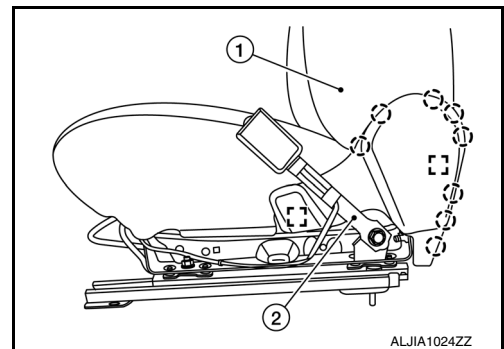
- : Metal clip
- : Pawl



3. Remove the seat cushion outer finisher (LH) (1).
  - a. Remove the seat belt buckle (2) and position aside. Refer to [SB-8. "Removal and Installation"](#).

- b. Release pawls and pull to release the metal clips.

- : Metal clip
- : Pawl



## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

4. Remove the seat cushion trim (1) and seat cushion pad as an assembly.

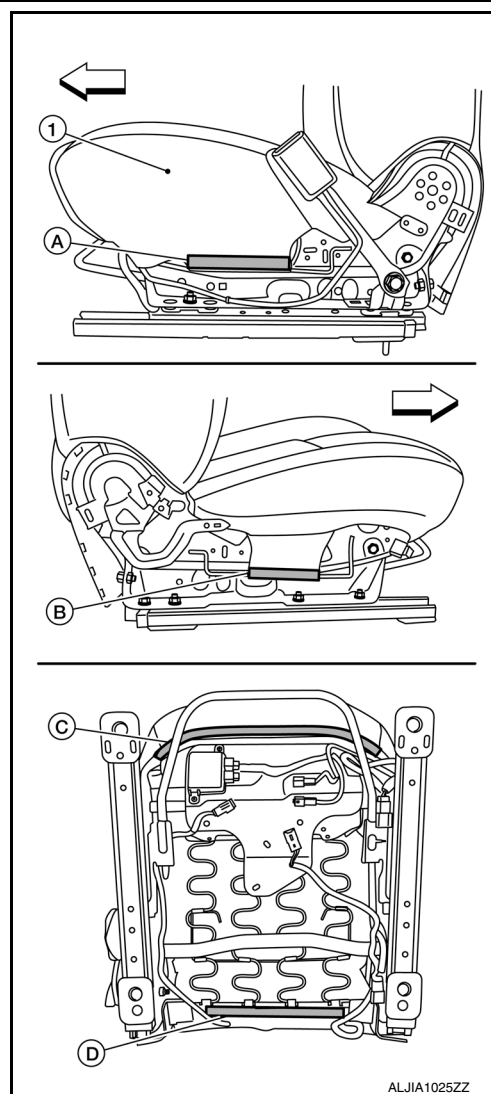
⇐: Front

- Release J-clip retainer (A) from the seat frame assembly.
- Release J-clip retainer (B) from the seat frame assembly.
- Release J-clip retainer (D) from the seat frame assembly.
- Release retainer strip (C) from the seat frame assembly.
- Disconnect the harness connector from the seat cushion heater (if equipped).

**NOTE:**

Take note of harness routing and attachment location for accurate installation.

- Remove the seat cushion trim and seat cushion pad as an assembly from the seat frame assembly.

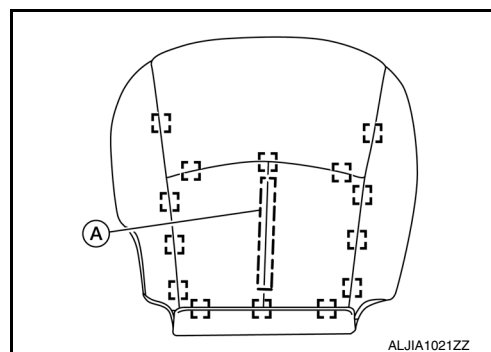


5. Remove the hog rings, release the hook fastener (A) and separate the seat cushion trim from the seat cushion pad.

□: Hog ring

**NOTE:**

Remove all pieces of hog rings and discard them.



### Assembly

Assembly is in the reverse order of disassembly.

**CAUTION:**

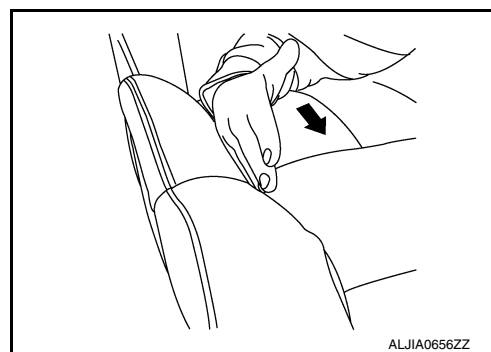
- Smooth out all wrinkles during assembly.
- Always route seat harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-17, "SRS Final Check"](#).



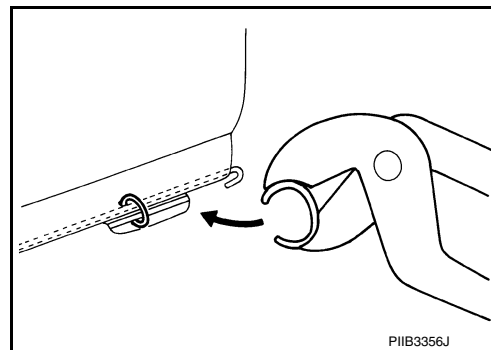
## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

- When installing the seat cushion trim, firmly push down while sliding your hand along the seams as shown (←) to ensure the hook fasteners below the seat cushion trim are fastened properly.



- Install new hog rings on the seat cushion trim in original positions. Use only one hog ring in each designated location. Ensure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires. Use NISSAN standard hog rings and tools to assemble.



### PASSENGER SIDE : Side Air Bag Module

INFOID:000000009756892

#### **WARNING:**

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seatback repair. It can lead to personal injury if the side air bag should accidentally deploy.

#### **CAUTION:**

- Before servicing the side air bag module, turn the ignition switch OFF, disconnect both battery terminals and wait at least three minutes.
- Handle the side air bag module carefully. During disassembly, always hold the side air bag module, do not let it hang by the wire harness.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not insert any objects into the side air bag module.
- Do not attempt to disassemble the side air bag module.
- Do not expose the side air bag module to temperatures exceeding 93°C (200°F).
- Do not expose the side air bag module to any oil, grease, detergent or water.
- During disassembly, do not damage the seatback board, chutes, connectors, retainers, clips, module harness or the side air bag module.

#### **NOTE:**

- If the vehicle has been involved in a collision and the side air bag module has deployed, the front seatback assembly must be replaced.
- For side air bag module removal and installation, seatback trim and seatback pad must be removed.

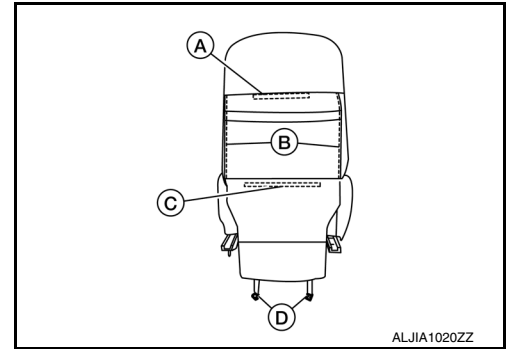
#### DISASSEMBLY

1. Remove the front seat assembly. Refer to [SE-20. "PASSENGER SIDE : Removal and Installation - Seat Assembly"](#).
2. Remove the headrest.

## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

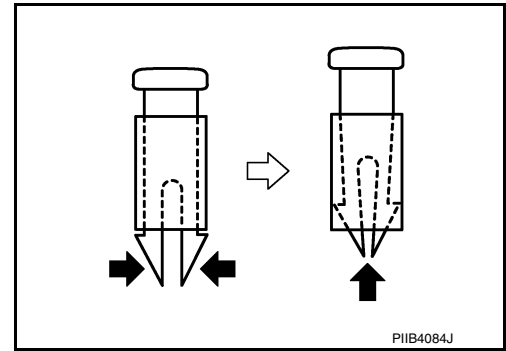
3. Release the lower seatback trim retainer straps (D) from the seat frame assembly.
4. Unzip the seatback zippers (B), then release the J-hook retainers (C) and (A).



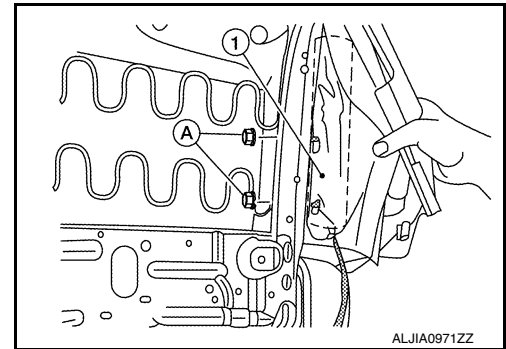
5. Unclip the side air bag module harness from the seat frame assembly.  
**NOTE:**  
Take note of harness routing and attachment location for accurate installation.
6. Disconnect the harness connector from the seatback heater (if equipped).
7. Remove the seatback assembly from the seat frame assembly.
- a. Release the headrest holder locks as shown and remove the headrest holders.

**CAUTION:**

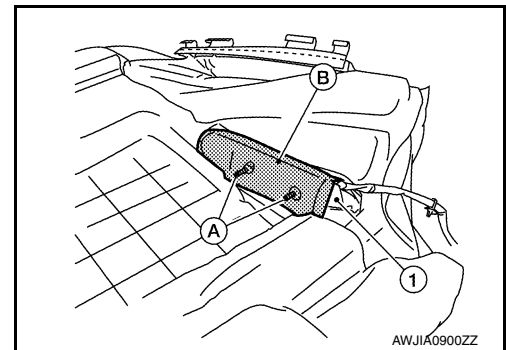
Before removing/installing the headrest holder, check its orientation (front/rear and right/left).



- b. Remove and discard the side air bag module nuts (A).  
**CAUTION:**  
Do not reuse the side air bag module nuts.  
(1): Side air bag module



- c. Disengage the side air bag module studs from the seat frame assembly and lift the seatback trim and seatback pad as an assembly from the seat frame assembly.
8. Open the seatback trim and release the side air bag module studs (A) from the holes in the chute (B).
9. Pull the side air bag module (1) out of the chute (B) and remove from the seatback trim.



**CAUTION:**

## FRONT SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

- Replace the side air bag module if it has been dropped or sustained an impact.
- Do not strike the side air bag module.



### ASSEMBLY

Installation is in the reverse order of removal.

#### CAUTION:

- Inspect seatback pad, seatback trim and seatback trim chutes. Replace if damaged.
- Smooth out all wrinkles during assembly.
- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After installation is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-17, "SRS Final Check"](#).
- When installing the side air bag module, make sure the side air bag chute (3) is pulled over the outboard surface of the side air bag module (4). Make sure there are no wrinkles and the chute is not folded, twisted or pinched.

(1): Seatback pad

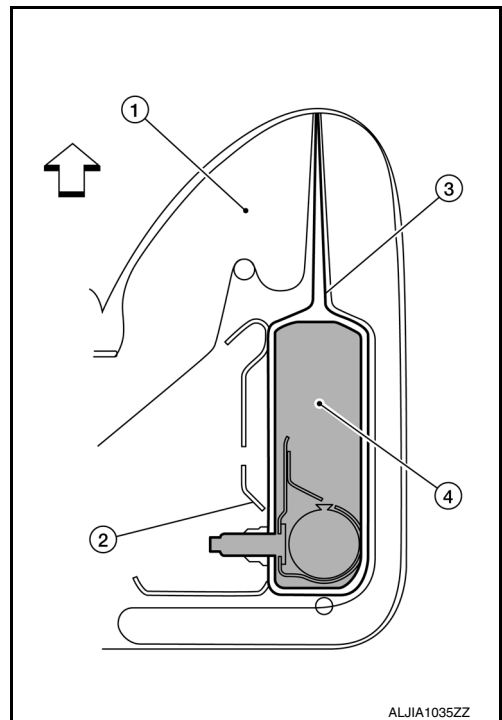
(2): Seat frame assembly

⇐: Front

- Tighten the side air bag module nuts to specification. Refer to [SE-35, "PASSENGER SIDE : Exploded View"](#).

#### CAUTION:

Do not reuse the side air bag module nuts.



# REAR SEAT

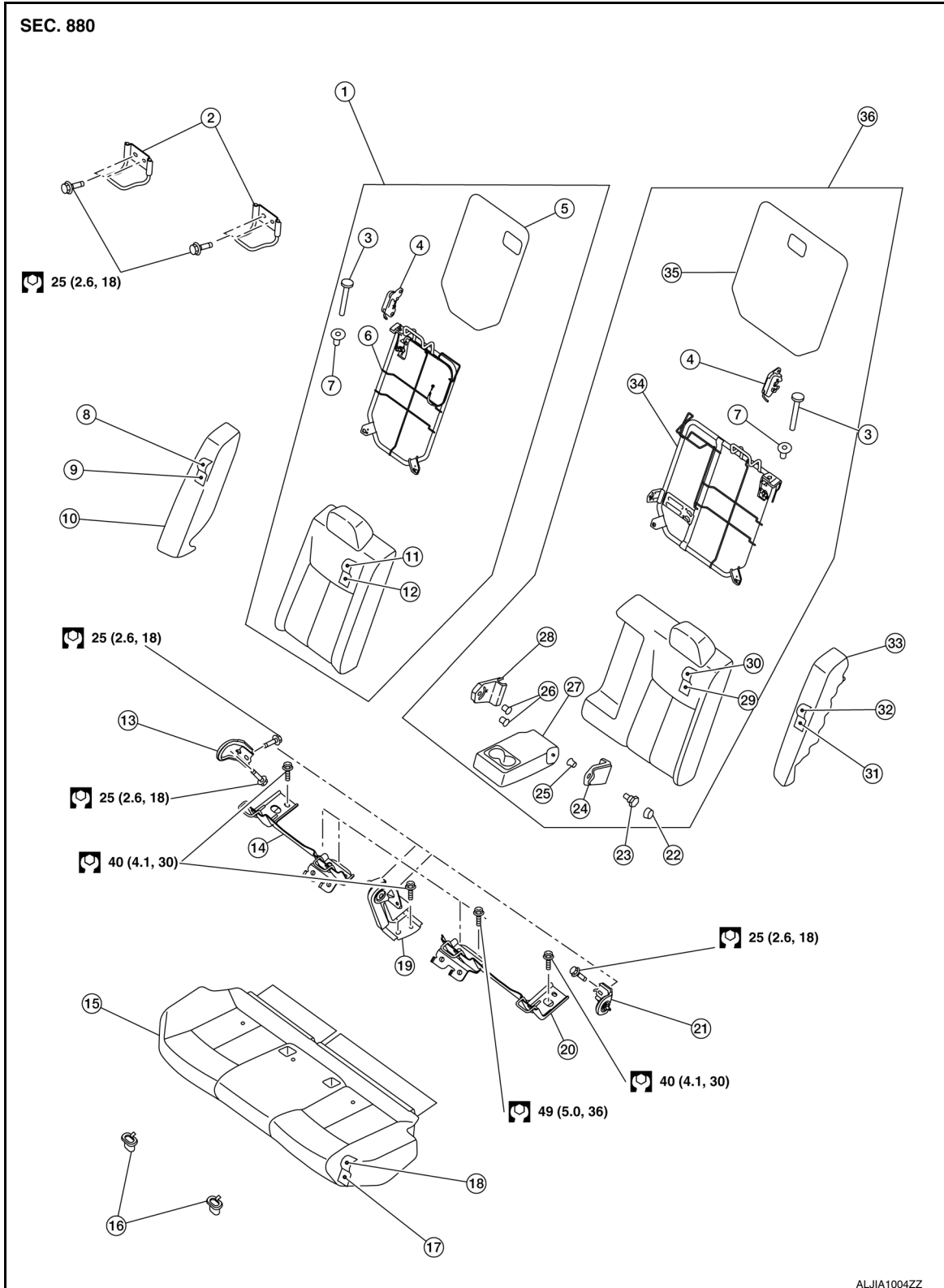
< UNIT DISASSEMBLY AND ASSEMBLY >

## REAR SEAT

Exploded View

INFOID:000000009756893

### 60:40 SPLIT SEATBACK



- 1. Rear seatback assembly (RH)
- 4. Seatback latch assembly

- 2. Seatback striker
- 5. Seatback silencer (RH)

- 3. Seatback latch release knob
- 6. Rear seatback frame (RH)

# REAR SEAT

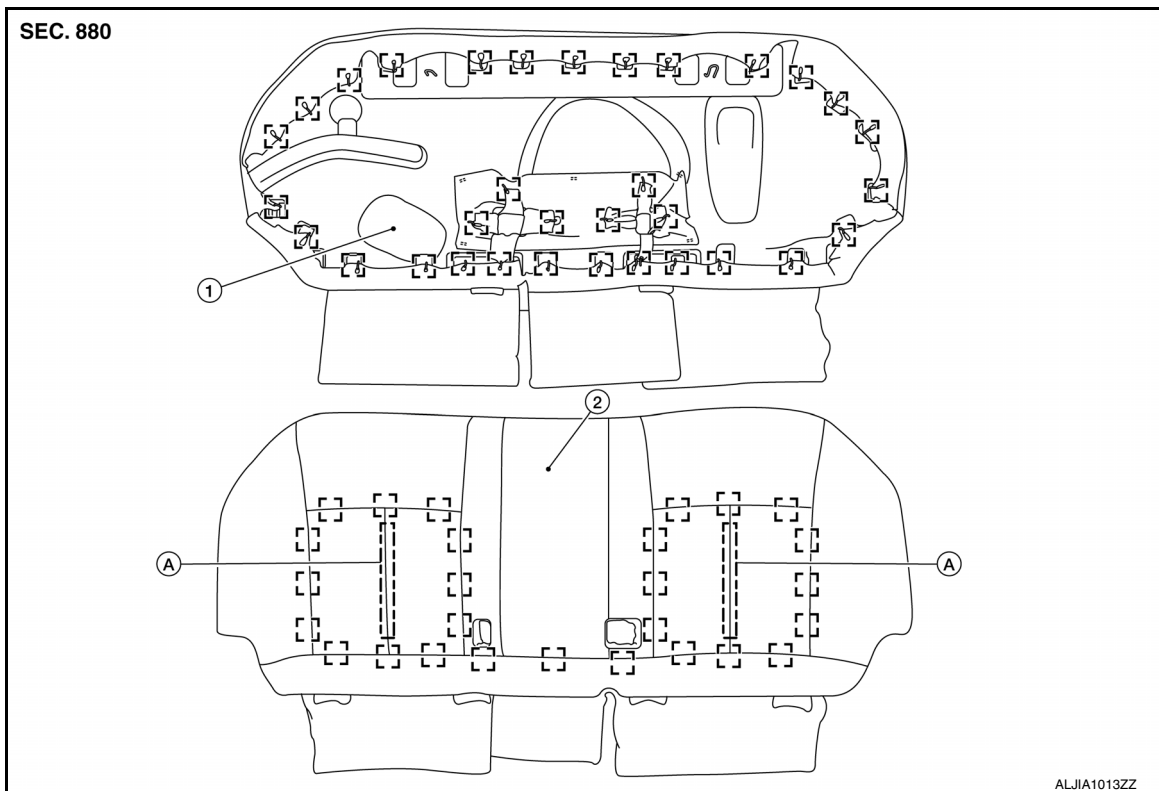
## < UNIT DISASSEMBLY AND ASSEMBLY >

- |   |                                 |                                 |
|---|---------------------------------|---------------------------------|
| 7. Seatback latch release knob finisher | 8. Rear seat bolster trim (RH)  | 9. Rear seat bolster pad (RH)   |
| 10. Rear seat bolster (RH)              | 11. Seatback trim (RH)          | 12. Seatback pad (RH)           |
| 13. Seatback hinge bracket (RH)         | 14. LATCH bracket (RH)          | 15. Seat cushion assembly       |
| 16. Seat cushion hook                   | 17. Seat cushion pad            | 18. Seat cushion trim           |
| 19. Seatback hinge bracket (center)     | 20. LATCH bracket (LH)          | 21. Seatback hinge bracket (LH) |
| 22. Armrest pivot bolt finisher         | 23. Armrest pivot bolt          | 24. Armrest hinge bracket       |
| 25. Armrest bushing (LH)                | 26. Armrest bushing (RH)        | 27. Armrest assembly            |
| 28. Armrest hinge finisher              | 29. Seatback pad (LH)           | 30. Seatback trim (LH)          |
| 31. Rear seat bolster pad (LH)          | 32. Rear seat bolster trim (LH) | 33. Rear seat bolster (LH)      |
| 34. Rear seatback frame (LH)            | 35. Seatback silencer (LH)      | 36. Rear seatback assembly (LH) |

## Disassembly and Assembly

INFOID:000000009756894

### SEAT CUSHION ASSEMBLY



1. Seat cushion pad

2. Seat cushion trim

A. Hook fastener

□ Hog ring

#### Disassembly

1. Remove the seat cushion assembly. Refer to [SE-23. "Removal and Installation - Seat Cushion Assembly"](#).
2. Remove the hog rings on the bottom side of seat cushion assembly.

#### NOTE:

Remove all pieces of hog rings and discard them.

3. Remove the hog rings on the top side of seat cushion and separate the seat cushion trim from the seat cushion pad.

#### NOTE:

Remove all pieces of hog rings and discard them.

#### Assembly

Assembly is in the reverse order of disassembly.

#### CAUTION:

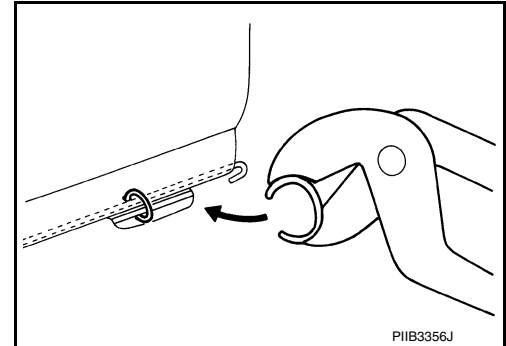
## REAR SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

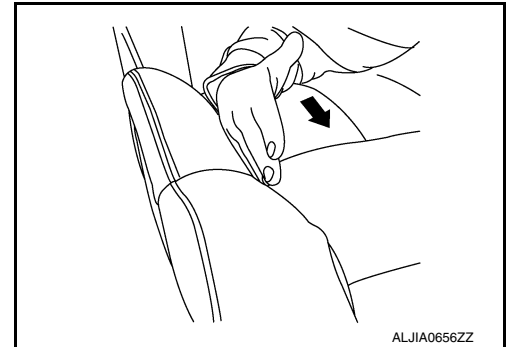
- **Make sure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

#### NOTE:

- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.



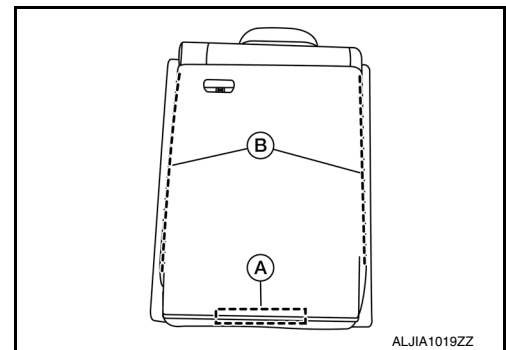
- When installing the seat cushion trim, firmly push down while sliding your hand along the seams as shown (←) to ensure the hook fasteners below the seat cushion trim are fastened properly.



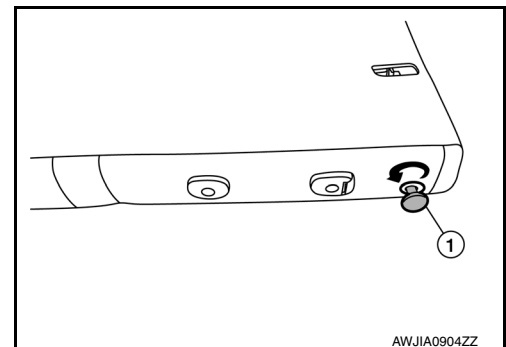
### REAR SEATBACK ASSEMBLY (RH)

#### Disassembly

1. Remove the rear seatback assembly (RH). Refer to [SE-23, "Removal and Installation - 60:40 Split Seat-back"](#).
2. Release the J-hook retainer (A) and unzip the seatback trim zippers (B).



3. Rotate the seatback latch release knob (1) counterclockwise and remove.



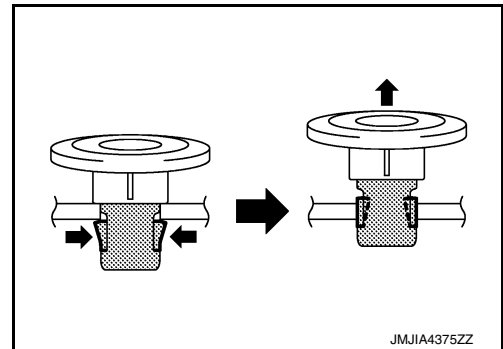
## REAR SEAT

### < UNIT DISASSEMBLY AND ASSEMBLY >

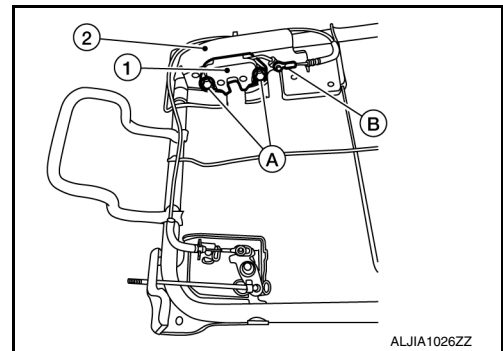
4. Reach up through the seatback pad and remove the seatback latch release knob finisher as shown.

**CAUTION:**

Before installing the seatback release knob finisher, check its orientation (front/rear and right/left).



5. Remove the seatback trim and seatback pad as an assembly from the rear seatback frame.  
6. Release cable end (B) from the seatback latch assembly (1), remove two bolts (A) and the seatback latch assembly from the rear seatback frame (2).

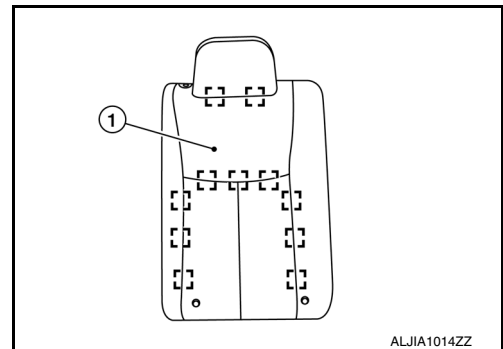


7. Remove the hog rings and separate the seatback trim from the seatback pad.

[ ]: Hog ring

**NOTE:**

Remove all pieces of hog rings and discard them.



#### Assembly

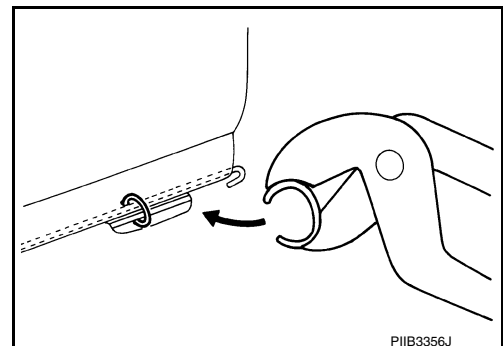
Assembly is in the reverse order of disassembly.

**CAUTION:**

- Make sure hog rings are correctly fastened around both the seatback trim and seatback pad wires.
- Replace any deformed or damaged hog rings.
- Make sure any old hog ring pieces are removed from seat.

**NOTE:**

- Install new hog rings on the seatback trim in original positions.
- Use only one hog ring in each designated location.



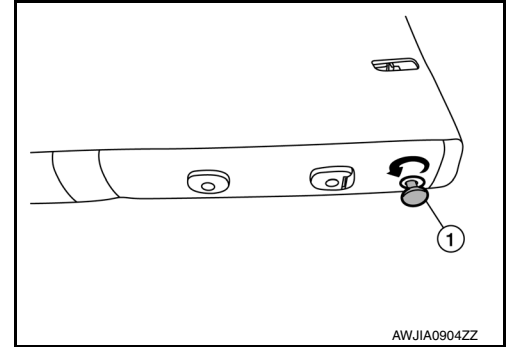
A  
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# REAR SEAT

## < UNIT DISASSEMBLY AND ASSEMBLY >

### Disassembly

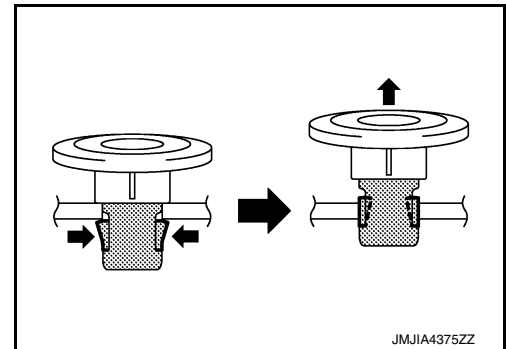
1. Remove the rear seatback assembly (LH). Refer to [SE-23. "Removal and Installation - 60:40 Split Seat-back"](#).
2. Remove the armrest assembly. Refer to [SE-23. "Removal and Installation - Armrest Assembly"](#).
3. Rotate the seatback latch release knob (1) counterclockwise and remove.



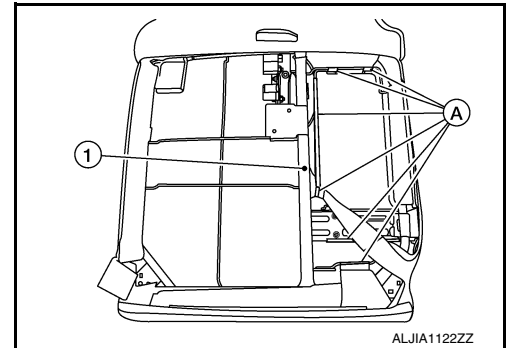
4. Reach up through the seatback pad and remove the seatback latch release knob finisher as shown.

**CAUTION:**

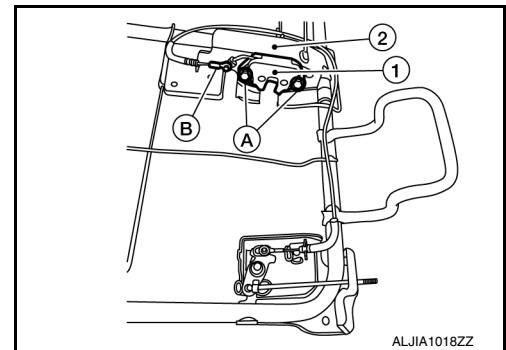
**Before installing the seatback release knob finisher, check its orientation (front/rear and right/left).**



5. Release the J-clip retainers (A) and remove the seatback trim and seatback pad as an assembly from the rear seatback frame (1).



6. Release cable end (B) from the seatback latch assembly (1), remove two bolts (A) and the rear seatback latch assembly from the rear seatback frame (2).





## REAR SEAT

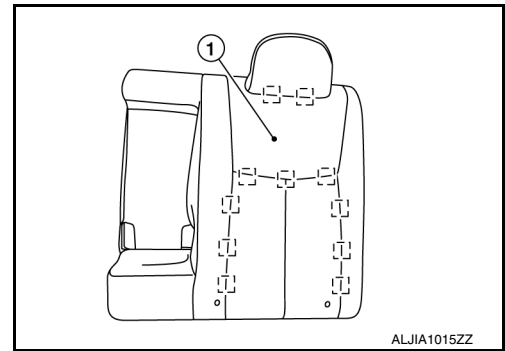
### < UNIT DISASSEMBLY AND ASSEMBLY >

7. Remove the hog rings and separate the seatback trim from the seatback pad.

 Hog ring

**NOTE:**

Remove all pieces of hog rings and discard them.



Assembly

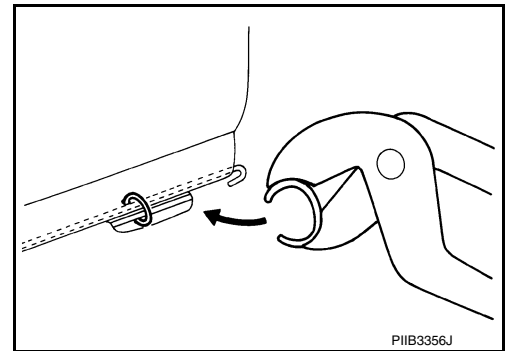
Assembly is in the reverse order of disassembly.

**CAUTION:**

- Make sure hog rings are correctly fastened around both the seatback trim and seatback pad wires.
- Replace any deformed or damaged hog rings.
- Make sure any old hog ring pieces are removed from seat.

**NOTE:**

- Install new hog rings on the seatback trim in original positions.
- Use only one hog ring in each designated location.



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