

## SECTION **IP** INSTRUMENT PANEL

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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. This system includes dual stage front air bag modules. The SRS system may only deploy one front air bag, depending on the severity of a collision and whether the front passenger seat is occupied. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

##### **WARNING:**

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SR section.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

##### PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

##### **WARNING:**

- When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

##### Precaution for Work

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- Never tamper with or force air bag lid open, as this may adversely affect air bag performance.
- 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, and wring the water out of the cloth to wipe the dirty area.  
Then rub with a soft and 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, and wring the water out of the cloth to wipe the detergent off. Then rub with a soft and dry cloth.
- Do not use organic solvent such as thinner, benzene, alcohol, or gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

# PREPARATION

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## PREPARATION

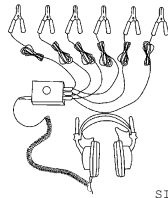
### PREPARATION

#### Special Service Tool

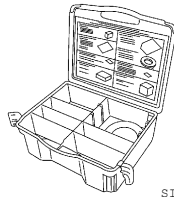
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The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

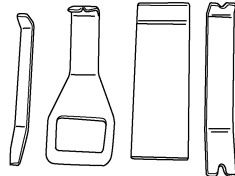
Tool number (Kent-Moore No.) Tool name	Description
— (J-39570) Chassis ear	Locating the noise
— (J-43980) NISSAN Squeak and Rattle Kit	Repairing the cause of noise
— (J-46534) Trim tool set	Removing trim components



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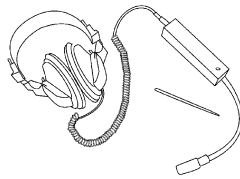


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#### Commercial Service Tools

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(Kent-Moore No.) Tool name	Description
(J-39565) Engine ear	Locating the noise
( — ) Power tool	Loosening nuts, screws and bolts



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# CLIP LIST


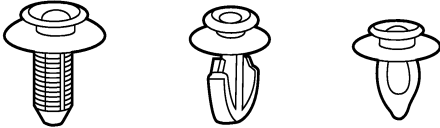


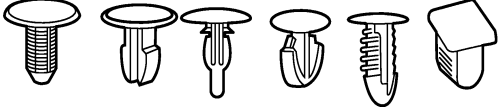
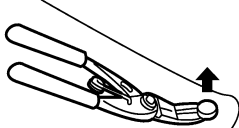

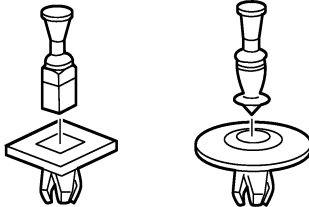
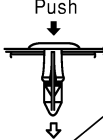
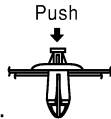

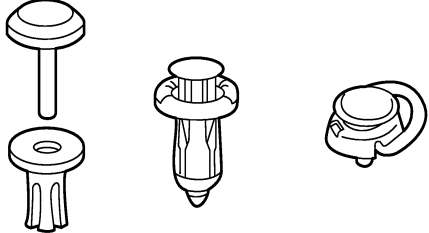


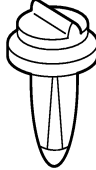
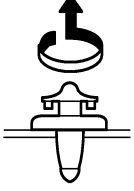
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## CLIP LIST

### Descriptions for Clips

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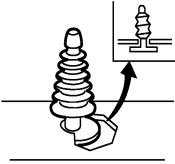
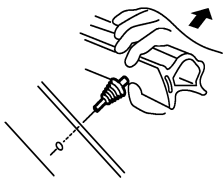

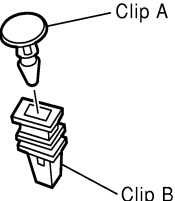
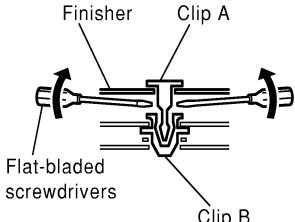

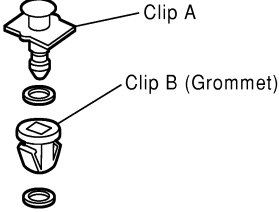
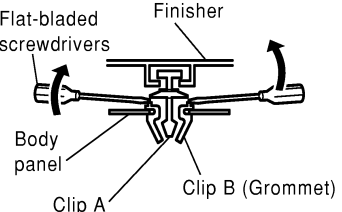


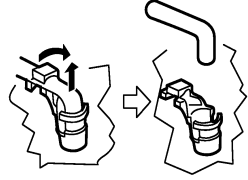

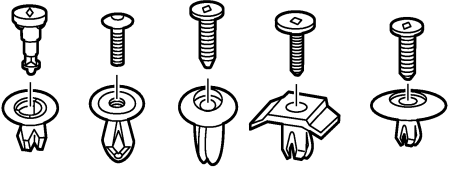

Replace any clips which are damaged during removal or installation.

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

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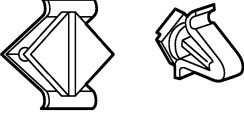

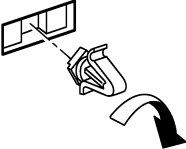





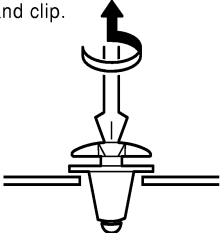



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Symbol No.	Shapes	Removal & Installation
CE103 		<b>Removal:</b> 
CF110 		<b>Removal:</b> 
CF118 		<b>Removal:</b> 
CR103 		<b>Removal:</b> Holder portion of clip must be spread out to remove rod. 
CS101 		<b>Removal:</b> 1. Screw out with a Phillips screwdriver. 2. Remove female portion with flat-bladed screwdriver. 

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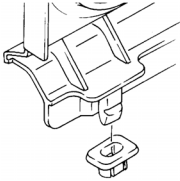
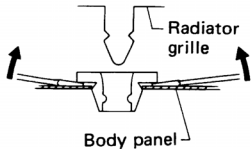
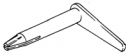
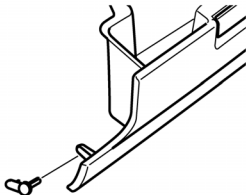
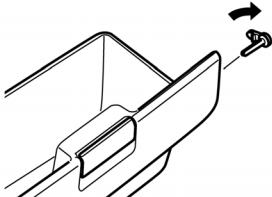

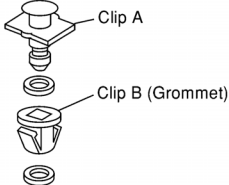
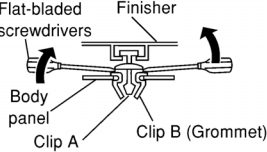
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Symbol No.	Shapes	Removal & Installation	
CG101 		<b>Removal:</b>  Rotate 45° to remove	<b>Installation:</b> 
CS102 			
CS113 		<b>Removal:</b> Disconnect upper connection of clip with a flat-bladed screwdriver, then remove clip while inserting a flat-bladed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

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CLIP LIST

< PREPARATION >

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

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# SQUEAK AND RATTLE TROUBLE DIAGNOSES

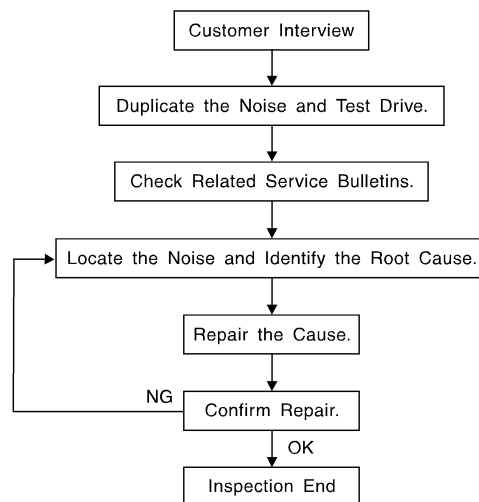
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## SYMPTOM DIAGNOSIS

### SQUEAK AND RATTLE TROUBLE DIAGNOSES

#### Work Flow

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#### CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any customer's comments; refer to [IP-12, "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

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

#### DUPLICATE THE NOISE AND TEST DRIVE



# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## < SYMPTOM DIAGNOSIS >

If possible, drive the vehicle with the customer until the noise is duplicated. Note any additional information on the Diagnostic Worksheet regarding the conditions or location of the noise. This information can be used to duplicate the same conditions when you confirm the repair.

If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:

- 1) Close a door.
  - 2) Tap or push/pull around the area where the noise appears to be coming from.
  - 3) Rev the engine.
  - 4) Use a floor jack to recreate vehicle "twist".
  - 5) At idle, apply engine load (electrical load, half-clutch on M/T model, drive position on CVT and A/T models).
  - 6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.
- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
  - If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

## CHECK RELATED SERVICE BULLETINS

After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to that concern or symptom.

If a TSB relates to the symptom, follow the procedure to repair the noise.

## LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear: J-39570, Engine Ear: J-39565 and mechanic's stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
  - removing the components in the area that you suspect the noise is coming from.  
Do not use too much force when removing clips and fasteners, otherwise clips and fasteners can be broken or lost during the repair, resulting in the creation of new noise.
  - tapping or pushing/pulling the component that you suspect is causing the noise.  
Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only temporarily.
  - feeling for a vibration with your hand by touching the component(s) that you suspect is (are) causing the noise.
  - placing a piece of paper between components that you suspect are causing the noise.
  - looking for loose components and contact marks.Refer to [IP-10. "Generic Squeak and Rattle Troubleshooting"](#).

## REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:
  - separate components by repositioning or loosening and retightening the component, if possible.
  - insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape. A NISSAN Squeak and Rattle Kit (J-43980) is available through your authorized NISSAN Parts Department.

### CAUTION:

**Do not use excessive force as many components are constructed of plastic and may be damaged.**

**Always check with the Parts Department for the latest parts information.**

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

**URETHANE PADS [1.5 mm (0.059 in) thick]**

**Insulates connectors, harness, etc.**

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

**INSULATOR (Foam blocks)**

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

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

**INSULATOR (Light foam block)**

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

**FELT CLOTH TAPE**

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

**68370-4B000: 15×25 mm (0.59×0.98 in) pad/68239-13E00: 5 mm (0.20 in) wide tape roll. The following materials not found in the kit can also be used to repair squeaks and rattles.**

# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## < SYMPTOM DIAGNOSIS >

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### UHMW (TEFLON) TAPE

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

### SILICONE GREASE

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

Note: Will only last a few months.

### SILICONE SPRAY

Use when grease cannot be applied.

### DUCT TAPE

Use to eliminate movement.

### CONFIRM THE REPAIR

Confirm that the cause of a noise is repaired by test driving the vehicle. Operate the vehicle under the same conditions as when the noise originally occurred. Refer to the notes on the Diagnostic Worksheet.

## Generic Squeak and Rattle Troubleshooting

INFOID:000000007911178

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

### INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. The cluster lid A and instrument panel
2. Acrylic lens and combination meter housing
3. Instrument panel to front pillar garnish
4. Instrument panel to windshield
5. Instrument panel pins
6. Wiring harnesses behind the combination meter
7. A/C defroster duct and duct joint

These incidents can usually be located by tapping or moving the components to duplicate the noise or by pressing on the components while driving to stop the noise. Most of these incidents can be repaired by applying felt cloth tape or silicone spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

### **CAUTION:**

**Do not use silicone spray to isolate a squeak or rattle. If you saturate the area with silicone, you will not be able to recheck the repair.**

### CENTER CONSOLE

Components to pay attention to include:

1. 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-43980) to repair the noise.

### TRUNK

Trunk noises are often caused by a loose jack or loose items put into the trunk by the owner.

In addition look for:

1. Trunk lid bumpers out of adjustment
2. Trunk lid striker out of adjustment
3. The trunk lid torsion bars knocking together

# SQUEAK AND RATTLE TROUBLE DIAGNOSES

## < SYMPTOM DIAGNOSIS >

### 4. A loose license plate or bracket

Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) causing the noise.

### SUNROOF/HEADLINING

Noises in the sunroof/headlining area can often be traced to one of the following:

1. Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
2. Sun visor shaft shaking in the holder
3. Front or rear windshield touching headliner and squeaking

Again, pressing on the components to stop the noise while duplicating the conditions can isolate most of these incidents. Repairs usually consist of insulating with felt cloth tape.

### OVERHEAD CONSOLE (FRONT AND REAR)

Overhead console noises are often caused by the console panel clips not being engaged correctly. Most of these incidents are repaired by pushing up on the console at the clip locations until the clips engage.

In addition look for:

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

### SEATS

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

Cause of seat noise include:

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

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

### UNDERHOOD

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

Causes of transmitted underhood noise include:

1. Any component installed 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.

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# SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

## Diagnostic Worksheet

INFOID:000000007911179

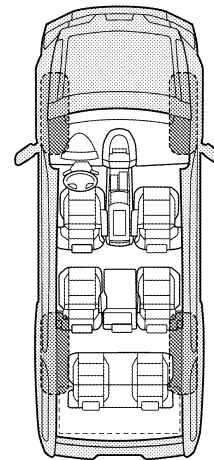
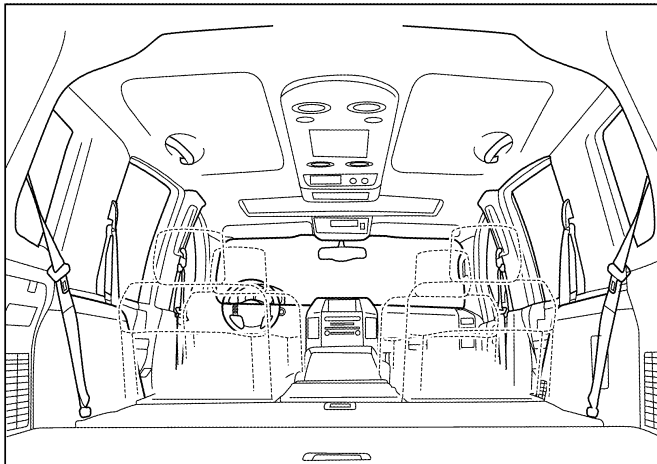
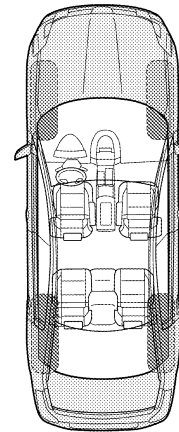
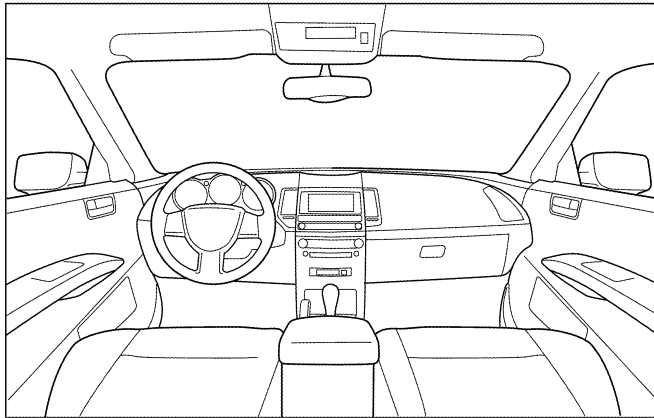
Dear Customer:

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

### SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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

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



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

# SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

## SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

---



---

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

- |   |  |
|---|--|
| <input type="checkbox"/> Anytime                      | <input type="checkbox"/> After sitting out in the rain |
| <input type="checkbox"/> 1st time in the morning      | <input type="checkbox"/> When it is raining or wet     |
| <input type="checkbox"/> Only when it is cold outside | <input type="checkbox"/> Dry or dusty conditions       |
| <input type="checkbox"/> Only when it is hot outside  | <input type="checkbox"/> Other:                        |

### III. WHEN DRIVING:

- ☐ Through driveways
- ☐ Over rough roads
- ☐ Over speed bumps
- ☐ Only about \_\_\_\_ mph
- ☐ On acceleration
- ☐ Coming to a stop
- ☐ On turns: left, right or either (circle)
- ☐ With passengers or cargo
- ☐ Other: \_\_\_\_\_
- ☐ After driving \_\_\_\_ miles or \_\_\_\_ minutes

### IV. WHAT TYPE OF NOISE

- ☐ Squeak (like tennis shoes on a clean floor)
- ☐ Creak (like walking on an old wooden floor)
- ☐ Rattle (like shaking a baby rattle)
- ☐ Knock (like a knock at the door)
- ☐ Tick (like a clock second hand)
- ☐ Thump (heavy muffled knock noise)
- ☐ Buzz (like a bumble bee)

### TO BE COMPLETED BY DEALERSHIP PERSONNEL

#### Test Drive Notes:

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	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

LAIA0071E

# INSTRUMENT PANEL ASSEMBLY

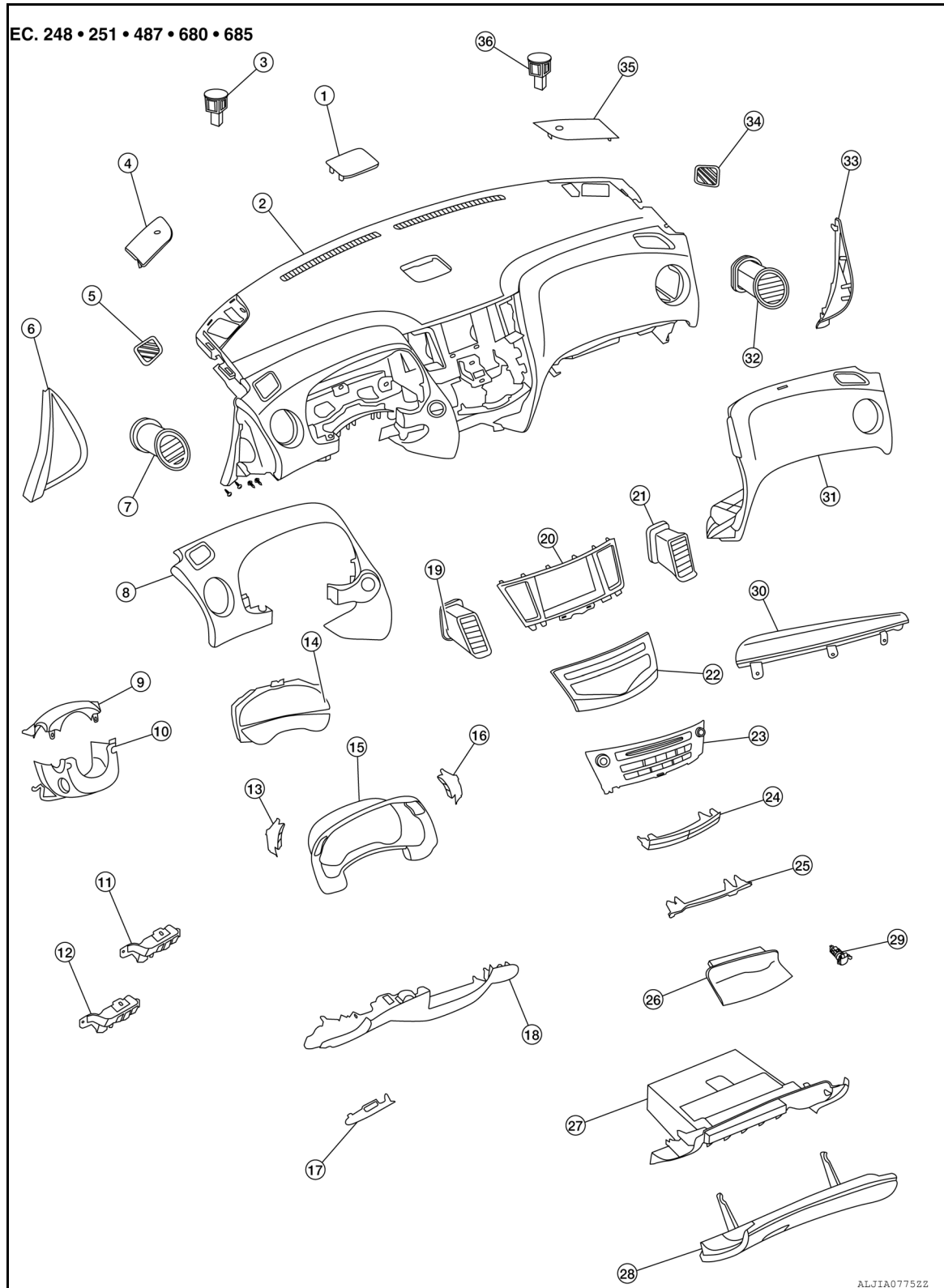
< REMOVAL AND INSTALLATION >

## REMOVAL AND INSTALLATION

### INSTRUMENT PANEL ASSEMBLY

Exploded View

INFOID:000000007911186



# INSTRUMENT PANEL ASSEMBLY

## < REMOVAL AND INSTALLATION >

- |  |  |                                 |
|--|--|---------------------------------|
| 1. Center speaker grille                     | 2. Instrument panel assembly           | 3. Sunload sensor               |
| 4. Instrument panel tweeter grille LH        | 5. Side defroster grille LH            | 6. Instrument side finisher LH  |
| 7. Side ventilator grille LH                 | 8. Instrument pad LH                   | 9. Steering column upper cover  |
| 10. Steering column lower cover              | 11. Upper switch carrier               | 12. Lower switch carrier        |
| 13. Illumination control switch              | 14. Combination meter                  | 15. Cluster lid A               |
| 16. BCI (if equipped) / trip computer switch | 17. Fuse block cover                   | 18. Instrument lower panel LH   |
| 19. Center ventilator grille LH              | 20. Cluster lid D                      | 21. Center ventilator grille RH |
| 22. Cluster lid C upper                      | 23. A/C and AV switch assembly         | 24. Cluster lid C               |
| 25. Cluster lid C lower                      | 26. Front console tray and mat         | 27. Glove box bin               |
| 28. Glove box lid                            | 29. Power socket                       | 30. Instrument finisher E       |
| 31. Instrument pad RH                        | 32. Side ventilator grille RH          | 33. Instrument side finisher RH |
| 34. Side defroster grille RH                 | 35. Instrument panel tweeter grille RH | 36. Optical sensor              |

## Removal and Installation

INFOID:000000007911187

### CAUTION:

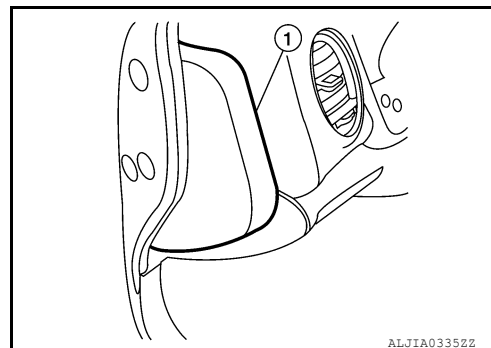
- Be careful not to scratch instrument panel pad and other parts.
- Whenever a suitable tool is used, always wrap a cloth around the end of the tool to protect components from damage.
- Before servicing, turn ignition switch OFF, disconnect both battery terminals and wait at least three minutes.

### REMOVAL

1. Disconnect the negative and positive battery terminals, then wait at least three minutes.
2. Remove the instrument side finishers (LH/RH) (1) using a suitable tool.

#### NOTE:

LH side shown; RH side similar

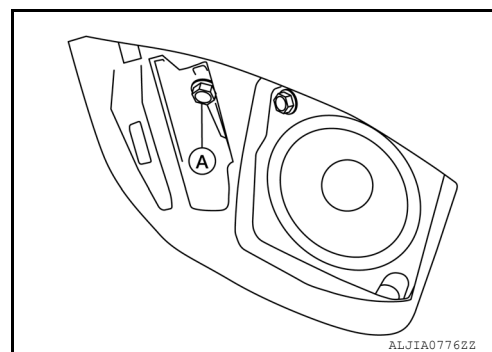


3. Remove the front kicking plates (LH/RH). Refer to [INT-20, "KICKING PLATE : Removal and Installation - Front Kicking Plate"](#).
4. Remove the front pillar finishers (LH/RH). Refer to [INT-17, "FRONT PILLAR FINISHER : Removal and Installation"](#).
5. Remove the steering wheel. Refer to [ST-45, "Removal and Installation"](#).
6. Remove the combination switch. Refer to [BCS-78, "Removal and Installation"](#).
7. Remove the center console assembly. Refer to [IP-18, "Removal and Installation"](#).
8. Remove the combination meter. Refer to [MWI-93, "Removal and Installation"](#).
9. Remove the AV control unit. Refer to [AV-668, "Removal and Installation - AV Control Unit"](#) (BASE AUDIO), [AV-388, "Removal and Installation - AV Control Unit"](#) (BOSE AUDIO W/O SURROUND SOUND), [AV-128, "Removal and Installation - AV Control Unit"](#) (BOSE AUDIO WITH SURROUND SOUND) or [AV-825, "Removal and Installation - AV Control Unit"](#) (TELEMATICS SYSTEM).
10. Remove the front display unit (if equipped). Refer to [AV-131, "Removal and Installation"](#) (BASE AUDIO), [AV-391, "Removal and Installation"](#) (BOSE AUDIO W/O SURROUND SOUND), [AV-671, "Removal and Installation"](#) (BOSE AUDIO WITH SURROUND SOUND).
11. Remove the glove box assembly. Refer to [IP-24, "Removal and Installation"](#).
12. Disconnect the harness connector from the front passenger air bag module.
13. Remove the instrument panel tweeter grilles (LH/RH/) and center speaker grille.

## INSTRUMENT PANEL ASSEMBLY

### < REMOVAL AND INSTALLATION >

14. Remove the instrument panel bolt (A) from the instrument panel tweeter grille RH area.



15. Disconnect the harness connector from the center speaker.
16. Disconnect the antenna cable.
17. Remove the instrument panel assembly.

### INSTALLATION

Installation is in the reverse order of removal.

- If replacing the instrument panel, transfer all the necessary parts to the new instrument panel.



# STEERING COLUMN COVERS

< REMOVAL AND INSTALLATION >

## STEERING COLUMN COVERS

### Removal and Installation

INFOID:000000007911188

#### REMOVAL

1. Remove the instrument lower panel LH. Refer to [IP-23, "Removal and Installation"](#).
2. Remove the steering column cover screw finishers (1) using a suitable tool, then remove the screws.

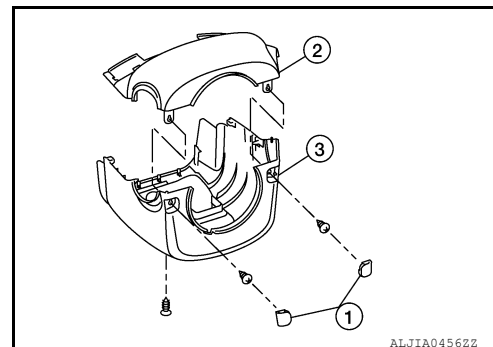
#### **CAUTION:**

**Apply protective tape around the suitable tool to protect components from damage.**

#### **NOTE:**

If necessary, rotate steering wheel to access steering column cover screw finishers (1) and screws.

3. Remove the steering column upper cover (2).
4. Remove the steering column lower cover screw, then remove the steering column lower cover (3).



#### INSTALLATION

Installation is in the reverse order of removal.

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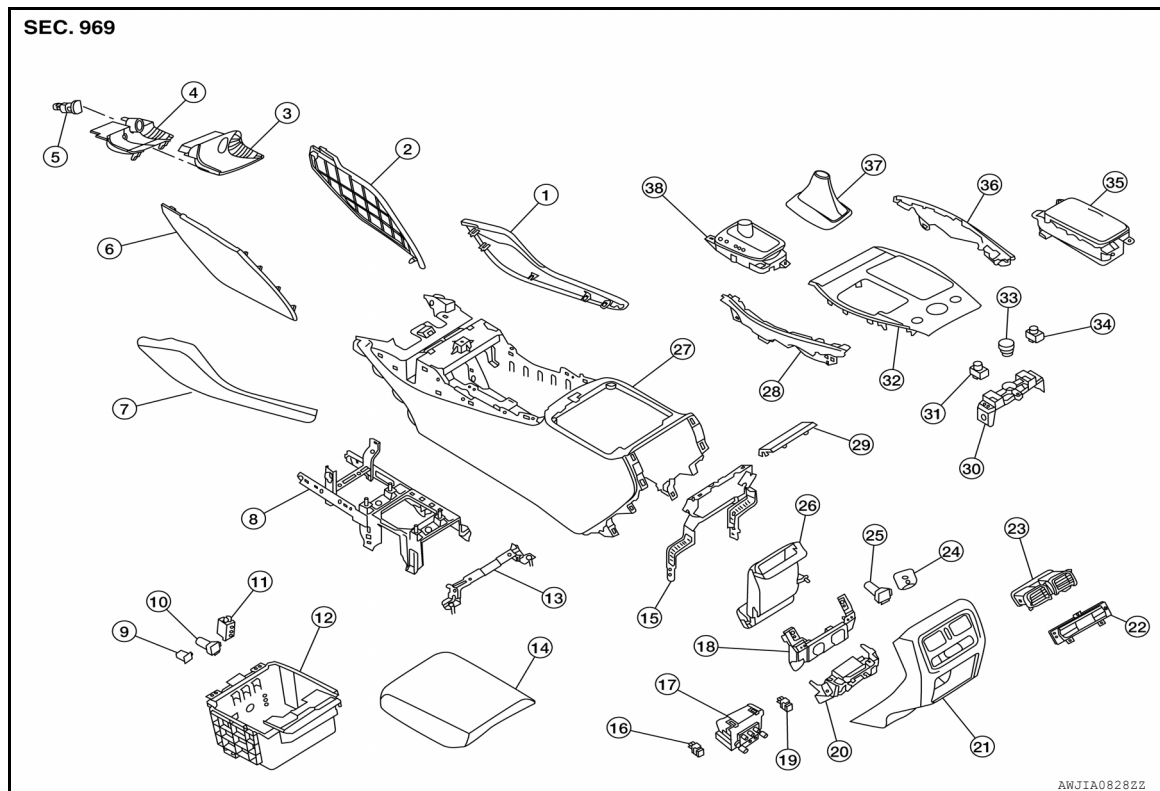
# CENTER CONSOLE ASSEMBLY

< REMOVAL AND INSTALLATION >

## CENTER CONSOLE ASSEMBLY

### Exploded View

INFOID:000000007911189



- |  |  |  |
|--|--|--|
| 1. Center console upper side finisher RH | 2. Center console side finisher RH             | 3. Front console mat                           |
| 4. Front console tray                    | 5. Power socket                                | 6. Center console side finisher LH             |
| 7. Center console upper side finisher LH | 8. Center console brace                        | 9. USB connector                               |
| 10. Center console upper brace           | 11. Center console lid                         | 12. Center console rear brace                  |
| 13. Center console upper brace           | 14. Center console lid                         | 15. Center console rear brace                  |
| 16. 2nd row heated seat switch LH        | 17. Rear auxiliary input jack                  | 18. Center console rear finisher upper bracket |
| 19. 2nd row heated seat switch RH        | 20. Center console rear finisher lower bracket | 21. Center console rear finisher               |
| 22. Rear blower control                  | 23. Rear center ventilator grille assembly     | 24. AC 120V outlet                             |
| 25. Power socket                         | 26. Rear center ventilator duct                | 27. Center console                             |
| 28. CVT shift selector finisher          | 29. Center console rear brace finisher         | 30. Center console switch bracket              |
| 31. Front seat climate control switch LH | 32. CVT shift selector finisher                | 33. Drive mode selector switch                 |
| 34. Front seat climate control switch RH | 35. Center console cup holder                  | 36. CVT shift selector finisher RH             |
| 37. CVT shift selector boot              | 38. CVT shift selector                         |  |

### Removal and Installation

INFOID:000000007911190

#### REMOVAL

##### CAUTION:

- Whenever a suitable tool is used, wrap a cloth around the end of the tool to protect components from damage.
- Be careful not to scratch center console finishers and other parts.

1. Remove the front console mat.
2. Release front console tray clips using a suitable tool.
3. Disconnect the harness connector from the power socket, then remove front console tray.
4. Release the clips and pawl using a suitable tool and remove center console side finishers (LH/RH).

## CENTER CONSOLE ASSEMBLY

### < REMOVAL AND INSTALLATION >

---

5. Release the clips and pawls using a suitable tool, then remove the CVT shift selector finisher. Refer to [TM-171, "Exploded View"](#).
6. Remove the center console assembly screws.
7. Disconnect the harness connectors from the center console assembly.
8. Remove the center console assembly.

### INSTALLATION

Installation is in the reverse order of removal.

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## CLUSTER LID A

< REMOVAL AND INSTALLATION >

### CLUSTER LID A

#### Removal and Installation

INFOID:000000007911191

#### REMOVAL

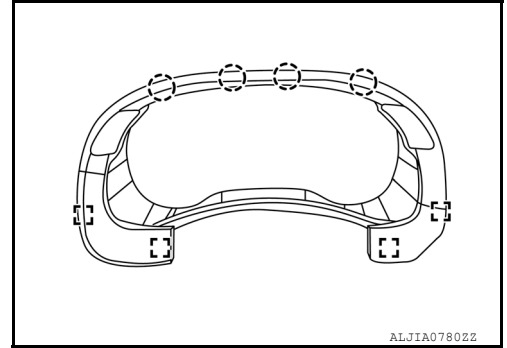
1. Remove the instrument lower panel LH. Refer to [IP-23, "Removal and Installation"](#).
2. Release the pawls and metal clips using a suitable tool, disconnect the harness connector, then remove cluster lid A.

**CAUTION:**

**Apply protective tape around the suitable tool to protect components from damage.**

□: Metal clip

○: Pawl



#### INSTALLATION

Installation is in the reverse order of removal.

## CLUSTER LID C

< REMOVAL AND INSTALLATION >

### CLUSTER LID C

#### Removal and Installation - Cluster Lid C Lower

INFOID:000000007911193

##### REMOVAL

1. Remove the front console mat.
2. Release front console tray clips using a suitable tool.  
**CAUTION:**  
**Apply protective tape around the suitable tool to protect components from damage.**
3. Disconnect the harness connector from power socket, then remove front console tray.
4. Release the pawls using a suitable tool and remove cluster lid C lower.

##### INSTALLATION

Installation is in the reverse order of removal.

#### Removal and Installation - Cluster Lid C

INFOID:000000008182811

##### REMOVAL

1. Remove cluster lid C lower. Refer to [IP-21, "Removal and Installation - Cluster Lid C Lower"](#).
2. Release the pawls using a suitable tool and remove cluster lid C.

**CAUTION:**  
**Apply protective tape around the suitable tool to protect components from damage.**

##### INSTALLATION

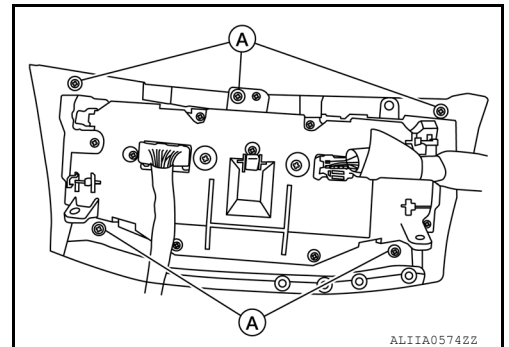
Installation is in the reverse order of removal.

#### Removal and Installation - Cluster Lid C Upper

INFOID:000000007911192

##### REMOVAL

1. Remove A/C and AV switch assembly. Refer to [AV-669, "Removal and Installation - AV and AC Switch Assembly"](#) (BASE AUDIO), [AV-389, "Removal and Installation - AV and AC Switch Assembly"](#) (BOSE AUDIO W/O SURROUND SOUND), [AV-129, "Removal and Installation - AV and AC Switch Assembly"](#) (BOSE AUDIO WITH SURROUND SOUND) or [AV-826, "Removal and Installation - AV and AC Switch Assembly"](#) (TELEMATICS SYSTEM).
2. Release the pawls using a suitable tool, and position cluster lid C upper aside.  
**CAUTION:**  
**Apply protective tape around the suitable tool to protect components from damage.**
3. Disconnect the harness connectors, remove cluster lid C upper screws (A), then separate cluster lid C upper from multifunction switch assembly.



##### INSTALLATION

Installation is in the reverse order of removal.

## CLUSTER LID D

< REMOVAL AND INSTALLATION >

### CLUSTER LID D

#### Removal and Installation

INFOID:000000008182808

#### REMOVAL

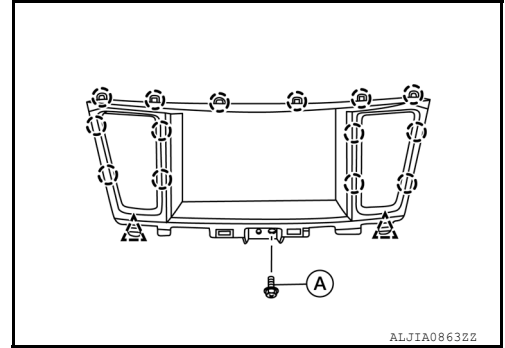
1. Remove cluster lid C upper. Refer to [IP-21, "Removal and Installation - Cluster Lid C Upper"](#).
2. Remove cluster lid D screw (A).
3. Release the clips and pawls using a suitable tool, then remove cluster lid D.

**CAUTION:**

**Apply protective tape around the suitable tool to protect components from damage.**

△: Clip

○: Pawl



#### INSTALLATION

Installation is in the reverse order of removal.

# INSTRUMENT LOWER PANEL LH

< REMOVAL AND INSTALLATION >

## INSTRUMENT LOWER PANEL LH

### Removal and Installation

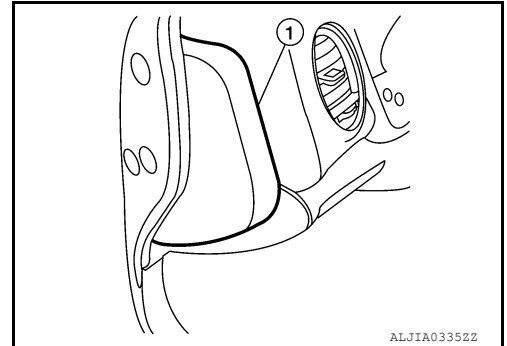
INFOID:000000007911194

#### REMOVAL

1. Remove the instrument side finisher LH (1) using a suitable tool.

**CAUTION:**

**Apply protective tape around the suitable tool to protect components from damage.**



2. Partially remove the front door welt LH. Refer to [INT-19, "BODY SIDE WELT : Removal and Installation - Front Door Welt"](#).
3. Remove the instrument lower panel LH screw.
4. Release the clips using a suitable tool, then partially remove the instrument lower panel LH.
5. Disconnect the aspirator hose from the instrument lower panel LH.
6. Disconnect the harness connectors from the instrument lower panel LH.
7. Remove the instrument lower panel LH.

#### INSTALLATION

Installation is in the reverse order of removal.

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## GLOVE BOX ASSEMBLY

< REMOVAL AND INSTALLATION >

---

### GLOVE BOX ASSEMBLY

#### Removal and Installation

INFOID:000000007911195

#### REMOVAL

1. Remove the instrument side finisher RH using a suitable tool.  
**CAUTION:**  
**Apply protective tape around the suitable tool to protect components from damage.**
2. Remove the glove box assembly lower screws.
3. Open the glove box lid, then remove the glove box assembly upper screws.
4. Disconnect the harness connectors from the glove box assembly, then remove the glove box assembly.

#### INSTALLATION

Installation is in the reverse order of removal.



# CENTER CONSOLE ASSEMBLY

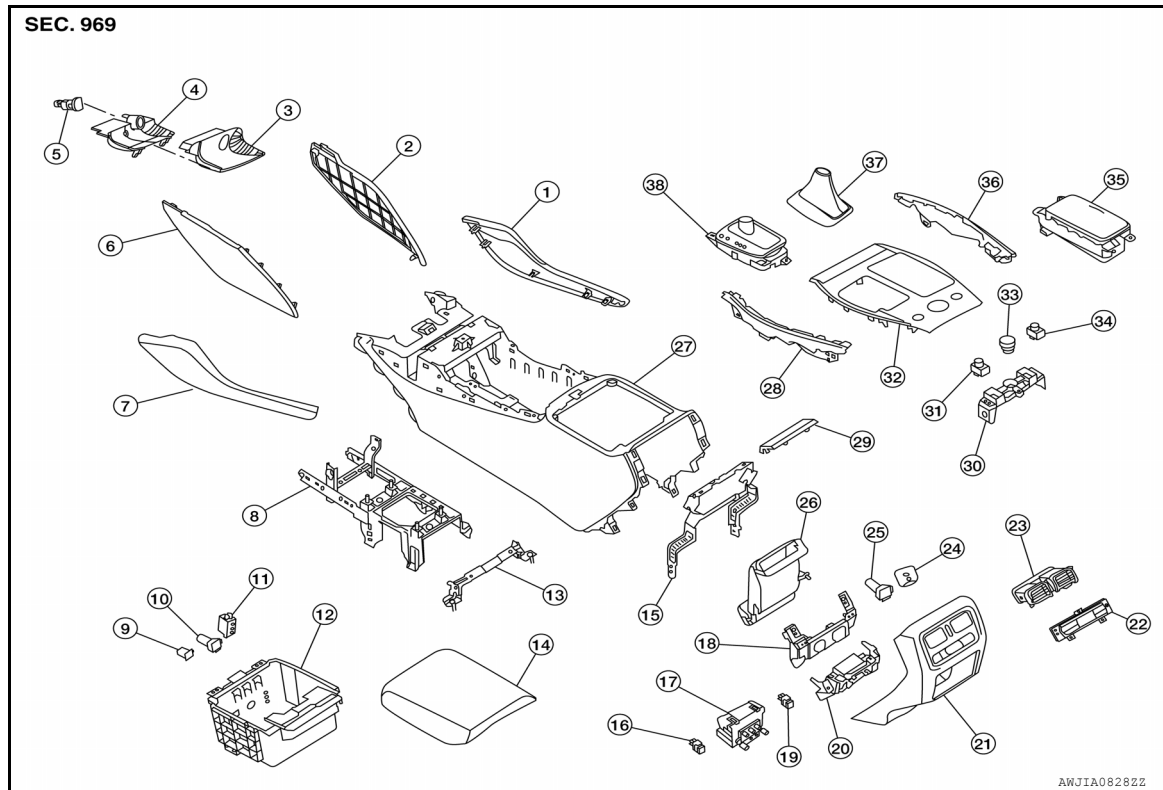
< UNIT DISASSEMBLY AND ASSEMBLY >

## UNIT DISASSEMBLY AND ASSEMBLY

### CENTER CONSOLE ASSEMBLY

Exploded View

INFOID:000000007911196



- |  |  |  |
|--|--|--|
| 1. Center console upper side finisher RH | 2. Center console side finisher RH             | 3. Front console mat                           |
| 4. Front console tray                    | 5. Power socket                                | 6. Center console side finisher LH             |
| 7. Center console upper side finisher LH | 8. Center console brace                        | 9. USB connector                               |
| 10. Center console upper brace           | 11. Center console lid                         | 12. Center console rear brace                  |
| 13. Center console upper brace           | 14. Center console lid                         | 15. Center console rear brace                  |
| 16. 2nd row heated seat switch LH        | 17. Rear auxiliary input jack                  | 18. Center console rear finisher upper bracket |
| 19. 2nd row heated seat switch RH        | 20. Center console rear finisher lower bracket | 21. Center console rear finisher               |
| 22. Rear blower control                  | 23. Rear center ventilator grille assembly     | 24. AC 120V outlet                             |
| 25. Power socket                         | 26. Rear center ventilator duct                | 27. Center console                             |
| 28. CVT shift selector finisher          | 29. Center console rear brace finisher         | 30. Center console switch bracket              |
| 31. Front seat climate control switch LH | 32. CVT shift selector finisher                | 33. Drive mode selector switch                 |
| 34. Front seat climate control switch RH | 35. Center console cup holder                  | 36. CVT shift selector finisher RH             |
| 37. CVT shift selector boot              | 38. CVT shift selector                         |  |

### Disassembly and Assembly

INFOID:000000007911197

#### DISASSEMBLY

1. Remove the center console assembly. Refer to [IP-18, "Removal and Installation"](#).
2. Remove the power socket from the center console bin. Refer to [PWO-9, "Removal and Installation"](#).
3. Remove the USB connector from the center console bin. Refer to [AV-683, "Removal and Installation"](#).
4. Remove the front auxiliary input jack from the center console bin. Refer to [AV-684, "Removal and Installation"](#).

## CENTER CONSOLE ASSEMBLY

### < UNIT DISASSEMBLY AND ASSEMBLY >

---

5. Remove the center console rear finisher by releasing the clips and pawls using a suitable tool. To disassemble center console rear finisher, refer to [IP-27, "Disassembly and Assembly"](#).

**CAUTION:**

**Apply protective tape around the suitable tool to protect components from damage.**

6. Remove the center console wiring harness by using a suitable tool to release all harness clips.
7. Release center console rear brace finisher pawls using a suitable tool, then remove center console rear brace finisher.
8. Remove center console rear brace screws and center console rear brace.

### ASSEMBLY

Assembly is in the reverse order of disassembly.

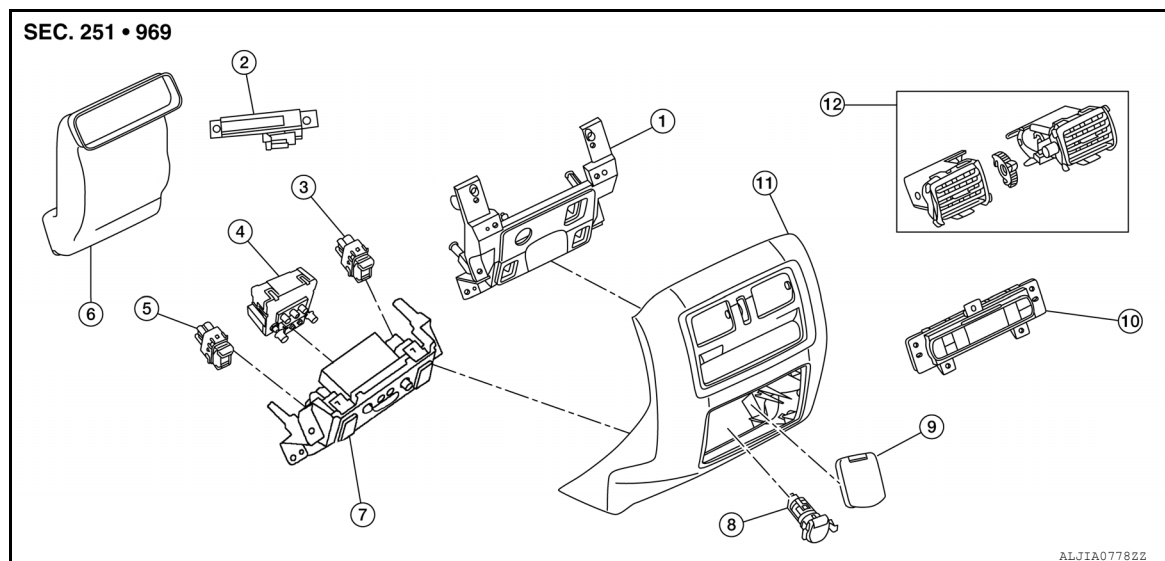
# CENTER CONSOLE REAR FINISHER

< UNIT DISASSEMBLY AND ASSEMBLY >

## CENTER CONSOLE REAR FINISHER

### Disassembly and Assembly

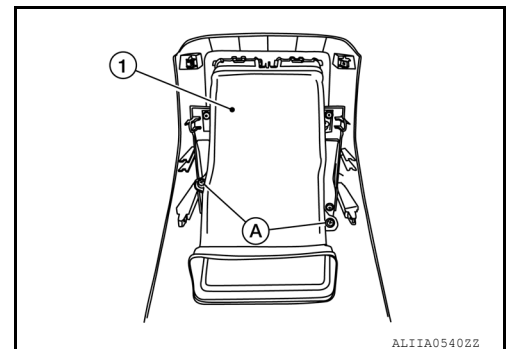
INFOID:000000008185166



- |   |                                  |  |
|---|----------------------------------|--|
| 1. Center console rear finisher upper bracket | 2. Intelligent Key antenna       | 3. 2nd row heated seat switch RH           |
| 4. Rear auxiliary input jack (if equipped)    | 5. 2nd row heated seat switch LH | 6. Rear center ventilator duct             |
| 7. Center console rear finisher lower bracket | 8. Power socket                  | 9. AC 120V outlet                          |
| 10. Rear air control                          | 11. Center console rear finisher | 12. Rear center ventilator grille assembly |

### DISASSEMBLY

1. Remove the center console rear finisher by releasing clips and pawls using a suitable tool.
2. Remove the rear center ventilator duct screws (A), then remove the rear center ventilator duct (1).



3. Release the pawls using a suitable tool and remove the rear center ventilator grille assembly.
4. Remove the rear blower control.
5. Remove the center console rear finisher upper bracket screws, then remove the center console rear finisher upper bracket.
6. Remove the center console rear finisher lower bracket screws, then remove the center console rear finisher lower bracket.
7. Remove the power socket. Refer to [PWO-9, "Removal and Installation"](#).
8. Remove the AC 120V outlet (if equipped). Refer to [PWO-34, "Removal and Installation"](#).
9. Remove the 2nd row heated seat switches (LH/RH).
10. Remove the rear auxiliary input jack (if equipped). Refer to [AV-690, "Removal and Installation"](#).

### ASSEMBLY

Assembly is in the reverse order of disassembly.