

SECTION **IP**
INSTRUMENT PANEL

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

CONTENTS

PRECAUTION	2	SYMPTOM DIAGNOSIS	6
PRECAUTIONS	2	SQUEAK AND RATTLE TROUBLE DIAG- NOSES	6
Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TEN- SIONER"	2	Work Flow	6
Precaution Necessary for Steering Wheel Rota- tion after Battery Disconnect	2	Inspection Procedure	8
Service	3	Diagnostic Worksheet	10
PREPARATION	4	REMOVAL AND INSTALLATION	12
PREPARATION	4	INSTRUMENT PANEL ASSEMBLY	12
Commercial Service Tools	4	Exploded View	12
CLIP LIST	5	Removal and Installation	13
Clip List	5	CENTER CONSOLE ASSEMBLY	22
		Exploded View	22
		Removal and Installation	23
		Disassembly and Assembly	26

PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:000000006418044

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 "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

The vehicle may be equipped with a passenger air bag deactivation switch. Because no rear seat exists where a rear-facing child restraint can be placed, the switch is designed to turn off the passenger air bag so that a rear-facing child restraint can be used in the front passenger seat. The switch is located in the center of the instrument panel, near the ashtray. When the switch is turned to the ON position, the passenger air bag is enabled and could inflate for certain types of collision. When the switch is turned to the OFF position, the passenger air bag is disabled and will not inflate. A passenger air bag OFF indicator on the instrument panel lights up when the passenger air bag is switched OFF. The driver air bag always remains enabled and is not affected by the passenger air bag deactivation switch.

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 "SRS AIR BAG".
- 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.
- The vehicle may be equipped with a passenger air bag deactivation switch which can be operated by the customer. When the passenger air bag is switched OFF, the passenger air bag is disabled and will not inflate. When the passenger air bag is switched ON, the passenger air bag is enabled and could inflate for certain types of collision. After SRS maintenance or repair, make sure the passenger air bag deactivation switch is in the same position (ON or OFF) as when the vehicle arrived for service.

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

WARNING:

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

Precaution Necessary for Steering Wheel Rotation after Battery Disconnect

INFOID:000000006418048

NOTE:

- Before removing and installing any control units, first turn the ignition switch to the LOCK position, then disconnect both battery cables.
- After finishing work, confirm that all control unit connectors are connected properly, then re-connect both battery cables.
- Always use CONSULT-III to perform self-diagnosis as a part of each function inspection after finishing work. If a DTC is detected, perform trouble diagnosis according to self-diagnosis results.

For vehicle with steering lock unit, if the battery is disconnected or discharged, the steering wheel will lock and cannot be turned.

If turning the steering wheel is required with the battery disconnected or discharged, follow the operation procedure below before starting the repair operation.

PRECAUTIONS

< PRECAUTION >

OPERATION PROCEDURE

1. Connect both battery cables. A
NOTE:
Supply power using jumper cables if battery is discharged.
2. Turn the ignition switch to ACC position. B
(At this time, the steering lock will be released.)
3. Disconnect both battery cables. The steering lock will remain released with both battery cables disconnected and the steering wheel can be turned. C
4. Perform the necessary repair operation.
5. When the repair work is completed, re-connect both battery cables. With the brake pedal released, turn the ignition switch from ACC position to ON position, then to LOCK position. (The steering wheel will lock when the ignition switch is turned to LOCK position.) D
6. Perform self-diagnosis check of all control units using CONSULT-III. E

Service

INFOID:000000006275826

- Disconnect battery negative terminal in advance.
- Disconnect air bag system line in advance. F
- Never tamper with or force air bag lid open, as this may adversely affect air bag performance.
- Be careful not to scratch pad and other parts.
- When removing or disassembling any part, be careful not to damage or deform it. Protect parts, that may get in the way with a shop cloth. G
- When removing parts with a screwdriver or other tool, cover the tool surface with vinyl tape to protect parts.
- Keep removed parts protected with a shop cloth.
- If a clip is deformed or damaged, replace it. H
- If an un reusable part is removed, replace it with a new one.
- Tighten bolts and nuts firmly to the specified torque.
- After reassembly is complete, check that each part functions correctly. I
- Remove stains via the following procedure.

Water-soluble stains:

Dip a soft cloth in warm water, and then squeeze it tightly. After wiping off the stain, wipe with a soft dry cloth.

Oil stain:

Dissolve a synthetic detergent in warm water (density of 2 to 3%), dip the cloth, then wipe off the stain with the cloth. Next, dip the cloth in fresh water and squeeze it tightly. Then wipe off the detergent completely. Then wipe the area with a soft dry cloth. IP

- Never use any organic solvent, such as thinner or benzine. K

L

M

N

O

P

PREPARATION

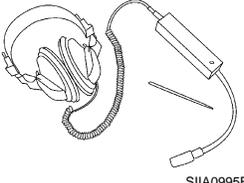
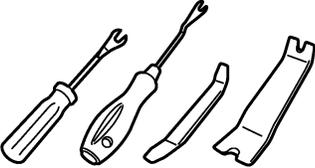
< PREPARATION >

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:000000006275827

Tool name	Description
<p data-bbox="159 520 267 546">Engine ear</p>  <p data-bbox="776 634 836 651">S1IA0995E</p>	<p data-bbox="1010 520 1185 546">Locates the noise</p>
<p data-bbox="159 772 292 798">Remover tool</p>  <p data-bbox="776 886 863 903">JMKIA3050ZZ</p>	<p data-bbox="1010 772 1380 798">Removes clips, pawls and metal clips</p>

CLIP LIST

< PREPARATION >

CLIP LIST

Clip List

INFOID:000000006275831

Shapes	Removal & Installation	Shapes	Removal & Installation
	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p>		<p>Removal:</p>
	<p>Removal: Remove with a clip remover.</p>		<p>Removal:</p>
	<p>Removal: Push center pin to catching position. (Do not remove center pin by hitting it.)</p> <p>Installation:</p>		<p>Removal: Holder portion of clip must be spread out to remove rod.</p>
	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p>		<p>Removal:</p> <ol style="list-style-type: none"> Screw out with a Phillips screwdriver. Remove female portion with flat-bladed screwdriver.
	<p>Removal:</p>		<p>Removal:</p> <p>Installation:</p>
	<p>Removal:</p>		<p>Removal:</p>

JMJIA3734GB

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

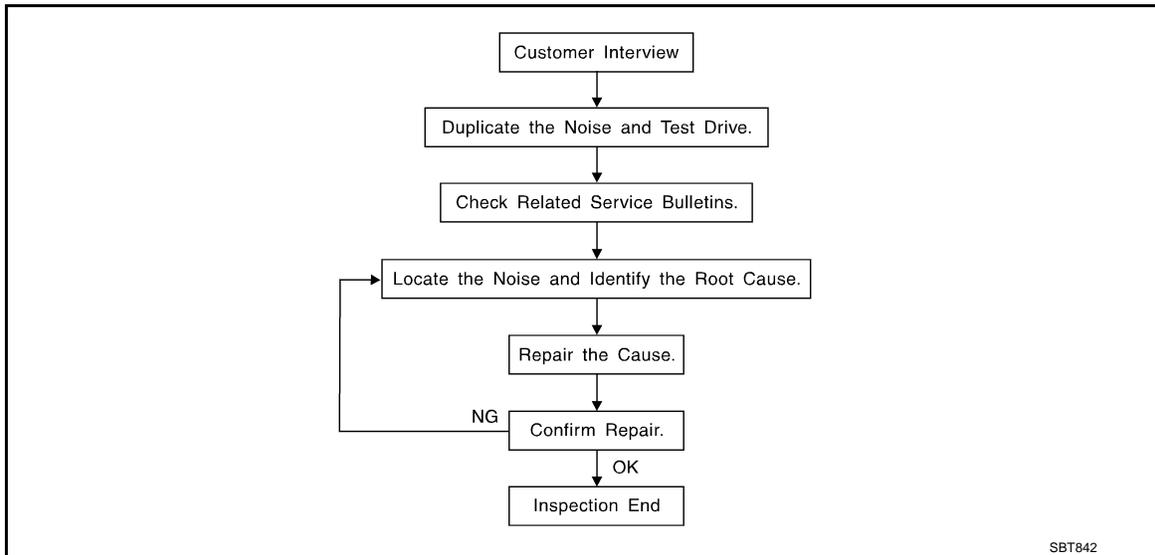
< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:000000006275828



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 of the customer's comments; refer to [IP-10. "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

- The customer may not be able to provide a detailed description or the location of the noise. Attempt to obtain all the facts and conditions that exist when the noise occurs (or does not occur).
- If there is more than one noise in the vehicle, be sure to diagnose and repair the noise that the customer is concerned about. This can be accomplished by a test drive 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 a technician 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 the repair is reconfirmed.

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 A/T model).
 - 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.

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 (Engine Ear or mechanics 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 is are suspected to be the cause of the noise.
Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
 - Tapping or pushing/pulling the component that is are suspected to be the cause of 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 by hand by touching the component(s) that is are suspected to be the cause of the noise.
 - Placing a piece of paper between components that is are suspected to be the cause of the noise.
 - Looking for loose components and contact marks.
Refer to [IP-8, "Inspection Procedure"](#).

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. These insulators are available through the authorized Nissan Parts Department.

CAUTION:

Never use excessive force as many components are constructed of plastic and may be damaged.

NOTE:

- URETHANE PADS
Insulates connectors, harness, etc.
- INSULATOR (Foam blocks)
Insulates components from contact. Can be used to fill space behind a panel.
- INSULATOR (Light foam block)
- FELT CLOTHTAPE
Used to insulate where movement does not occur. Ideal for instrument panel applications.
The following materials, not available through NISSAN Parts Department, can also be used to repair squeaks and rattles.
- UHMW(TEFLON) TAPE
Insulates where slight movement is present. Ideal for instrument panel applications.
- SILICONE GREASE
Used in place of UHMW tape that is be visible or does not fit.
Note: Will only last a few months.
- SILICONE SPRAY
Used when grease cannot be applied.
- DUCT TAPE
Used to eliminate movement.

CONFIRM THE REPAIR

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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.

Inspection Procedure

INFOID:000000006275829

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. 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 mounting 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 silicon spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

CAUTION:

Never use silicone spray to isolate a squeak or rattle. If the area is saturated with silicone, the recheck of repair becomes impossible.

CENTER CONSOLE

Components to pay attention to include:

1. Shifter 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 following:

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. The areas can usually be insulated with felt cloth tape or insulator foam blocks to repair the noise.

TRUNK

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

In addition look for the following:

1. Trunk lid dumpers out of adjustment
2. Trunk lid striker out of adjustment
3. 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. Sunvisor shaft shaking in the holder
3. Front or rear windshield touching headlining and squeaking

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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.

A

SEATS

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

B

Cause of seat noise include:

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

C

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.

D

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.

E

Causes of transmitted underhood noise include:

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

F

G

H

These noises can be difficult to isolate since they cannot be reached from the interior of the vehicle. The best method is to secure, move or insulate one component at a time and test drive the vehicle. Also, engine RPM or load can be changed to isolate the noise. Repairs can usually be made by moving, adjusting, securing, or insulating the component causing the noise.

I

IP

K

L

M

N

O

P

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

INFOID:000000006275830



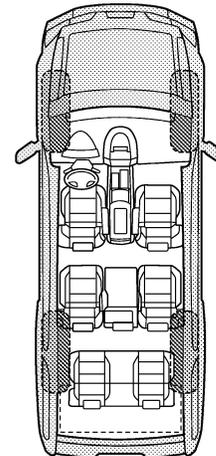
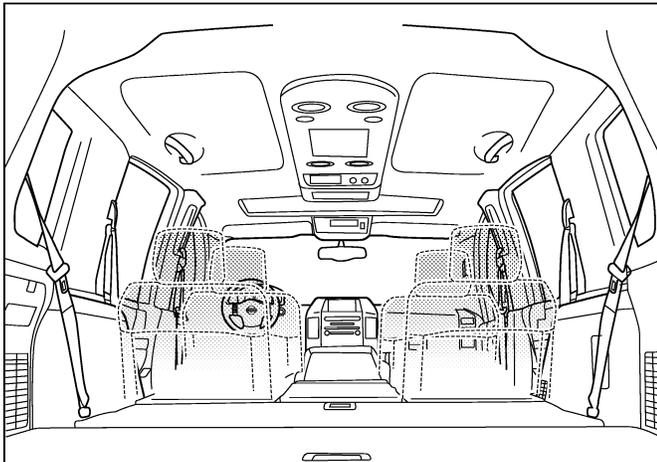
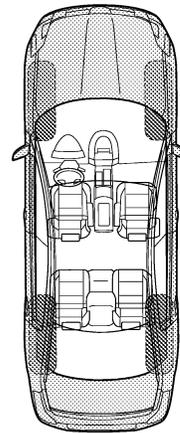
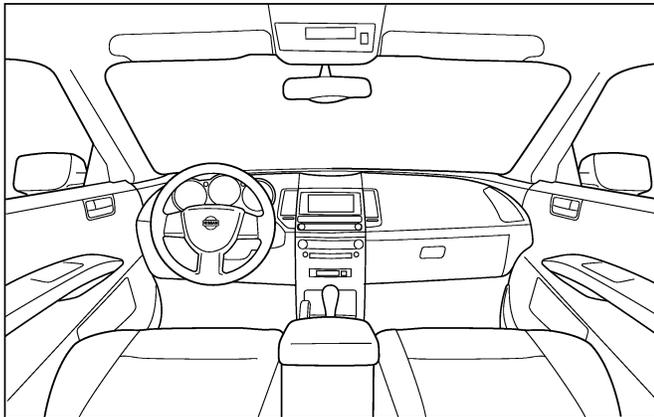
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Nissan Customer:

We are concerned about your satisfaction with your Nissan vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Nissan 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.

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.

PIIB8740E

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

PIIB8742E

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

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

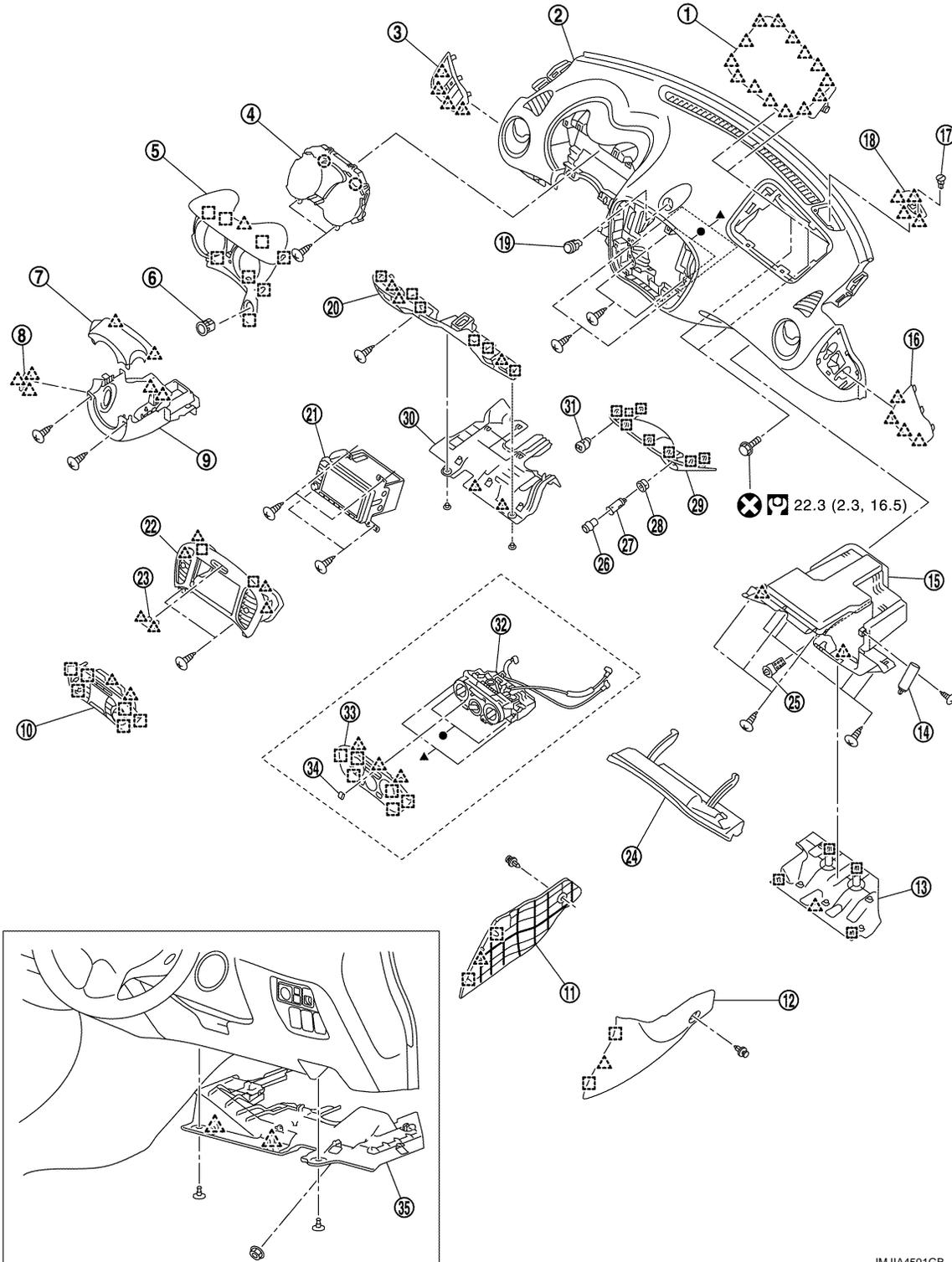
INSTRUMENT PANEL ASSEMBLY

Exploded View

INFOID:000000006275832

LHD models

SEC. 680



JMJIA4501GB

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

- | | | |
|--|--|--------------------------------|
| 1. Front passenger air bag module | 2. Instrument panel assembly | 3. Instrument side finisher LH |
| 4. Combination meter | 5. Cluster lid A | 6. Push-button ignition switch |
| 7. Steering column upper cover | 8. Steering lock escutcheon | 9. Steering column lower cover |
| 10. Multi display unit | 11. Instrument lower cover LH | 12. Instrument lower cover RH |
| 13. Instrument under cover RH | 14. Glove box dumper | 15. Glove box assembly |
| 16. Instrument side finisher RH | 17. Sunload sensor | 18. Switch panel |
| 19. Hazard switch | 20. Instrument lower panel LH | 21. Audio unit or AV C/U |
| 22. Cluster lid C | 23. Warning lamp | 24. Glove box lid |
| 25. Front passenger air bag OFF switch | 26. Socket knob | 27. Inner socket |
| 28. Socket ring | 29. Cluster tray | 30. USB connector |
| 31. Instrument under cover LH | 32. A/C controller (manual A/C) | 33. A/C finisher (manual A/C) |
| 34. Knob (manual A/C) | 35. Instrument under cover RH (RHD models) | |

 : Clip

 : Pawl

 : Metal clip

 : Do not reuse

 : N·m (kg·m, ft·lb)

Removal and Installation

INFOID:000000006275833

WORK STEP

When removing instrument panel assembly, combination meter, AV C/U, or center console assembly take steps in the order shown by the numbers below.

PARTS	INSTRUMENT PANEL ASSEMBLY	COMBINATION METER	AV C/U	CENTER CONSOLE ASSEMBLY
Shift lever knob (MT models only)	[1]			[1]
Console finisher assembly	[2]			[2]
Console rear finisher	[3]			[3]
Center console assembly fixing screws (rear side)	[4]			[4]
Instrument lower cover LH	[5]			[5]
Instrument lower cover RH	[6]			[6]
Center console assembly	[7]			[7]
Front body side welt LH	[8]			
Front pillar garnish LH	[9]			
Instrument side finisher LH	[10]			
Instrument under cover LH	[11]			
Instrument lower panel LH	[12]	[1]		
Driver air bag module	[13]			
Steering wheel assembly	[14]			
Steering column covers	[15]			
Spiral cable	[16]			
Combination switch	[17]			
Cluster lid A	[18]	[2]		
Combination meter	[19]	[3]		
Multi display unit (with auto A/C) or A/C finisher (with manual A/C)	[20]		[1]	

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

A/C control fixing screws (with manual A/C)	[21]			
Cluster lid C	[22]		[2]	
AV C/U	[23]		[3]	
Harness connector of hazard switch	[24]			
Cluster tray	[25]			
Front body side welt RH	[26]			
Front pillar garnish RH	[27]			
Instrument side finisher RH	[28]			
Instrument under cover RH	[29]			
Glove box lid	[30]			
Glove box assembly	[31]			
Passenger air bag module	[32]			
Switch panel	[33]			
Instrument panel assembly mounting bolts and screws	[34]			
Instrument panel assembly	[35]			

[]: Number indicates step in removal procedure.

WARNING:

Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait 3 minutes or more.

REMOVAL

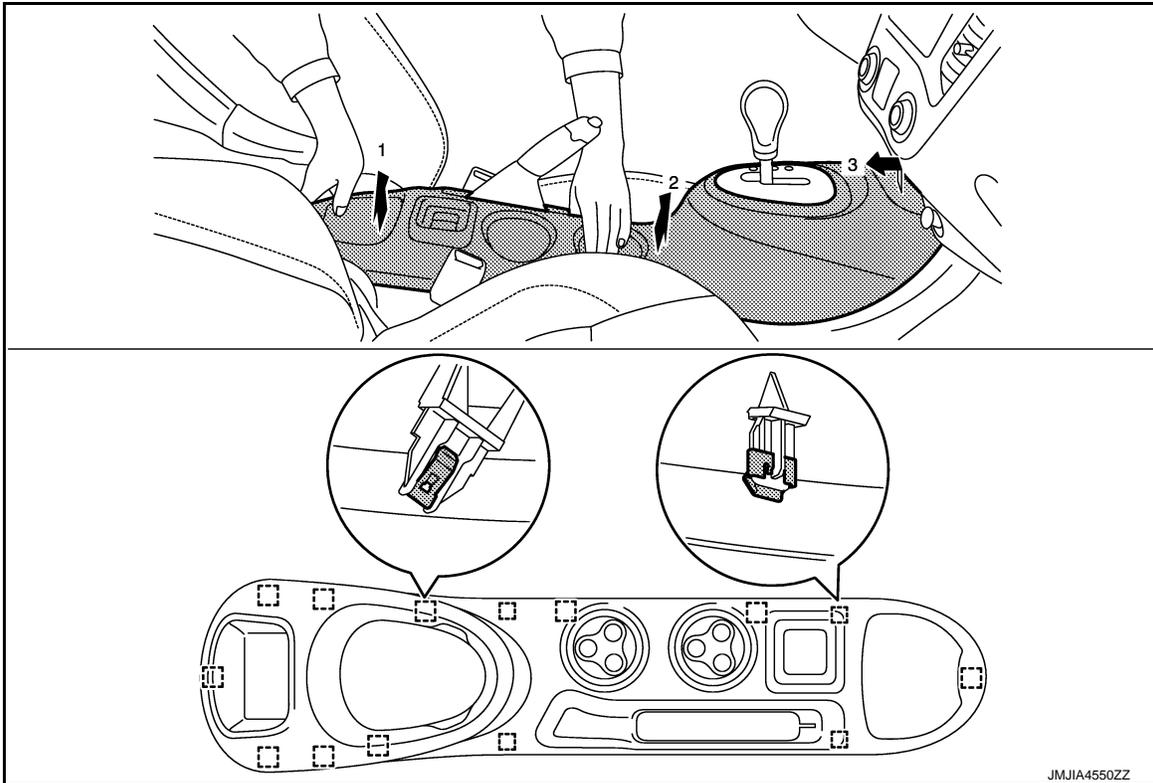
CAUTION:

When removing, always use a remover tool that is made of plastic.

1. Remove shift lever knob (MT models only).
 - 5MT models: Refer to [TM-25. "Removal and Installation"](#).
 - 6MT models: Refer to [TM-78. "Removal and Installation"](#).
2. Remove console finisher assembly.
 1. Put selector lever in "N" position.
 2. Loosen the parking brake lever stroke by turning the adjusting nut with a socket wrench. Refer to [PB-2. "Inspection and Adjustment"](#).
 3. Lift up console finisher assembly in numerical order shown in the figure and disengage metal clips.
 4. Remove console finisher assembly while pulling it towards vehicle rear.

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >



 : Metal clip

CAUTION:

- Be careful not for damaging parts in surrounding area.
- Remove metal clips slowly so that they are not damaged.

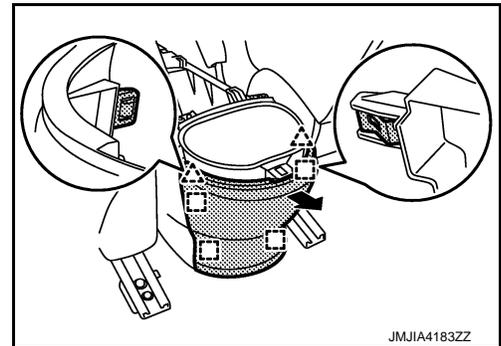
5. Disconnect seat heated switch harness connectors (with seat heated switch).

3. Remove console rear finisher.

1. Put front seat assembly (LH and RH) to frontmost position.
2. Pull back console rear finisher, and disengage the pawls and metal clips.

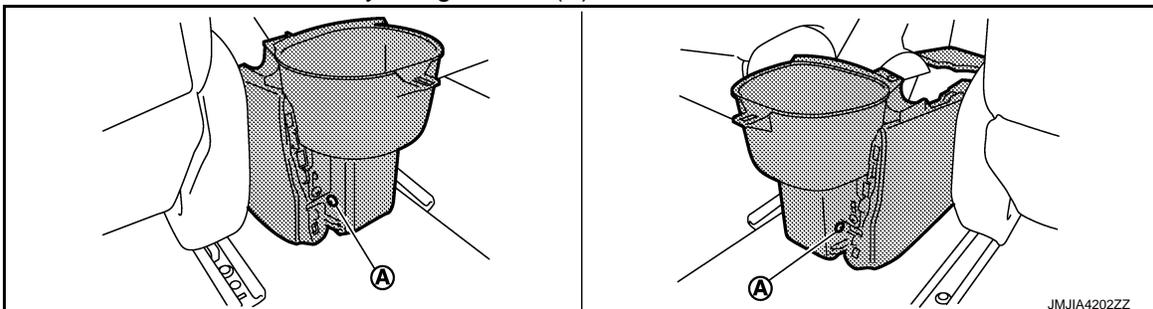
 : Pawl

 : Metal clip



JMJIA4183ZZ

4. Remove center console assembly fixing screws (A).



JMJIA4202ZZ

5. Remove instrument lower cover LH.

1. Put front seat assembly LH to rearmost position.

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

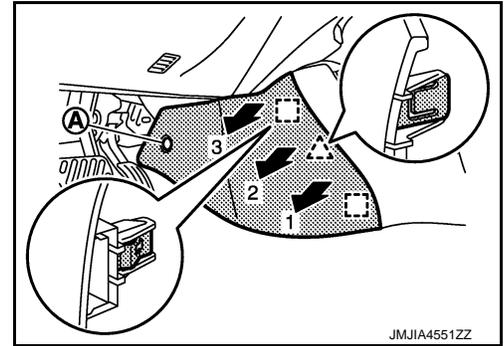
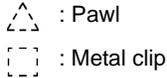
INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

2. Remove fixing clip (A).
3. Pull the instrument lower cover LH crosswise, and disengage the pawl and metal clips.

CAUTION:

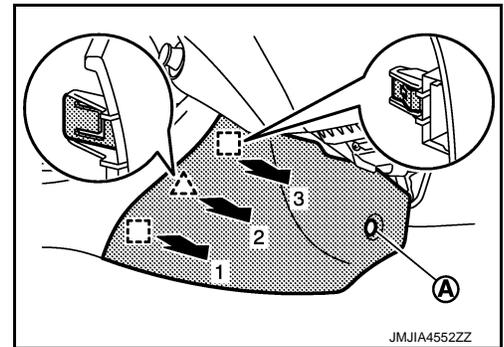
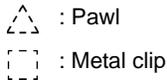
Remove pawl and metal clips slowly so that they are not damaged.



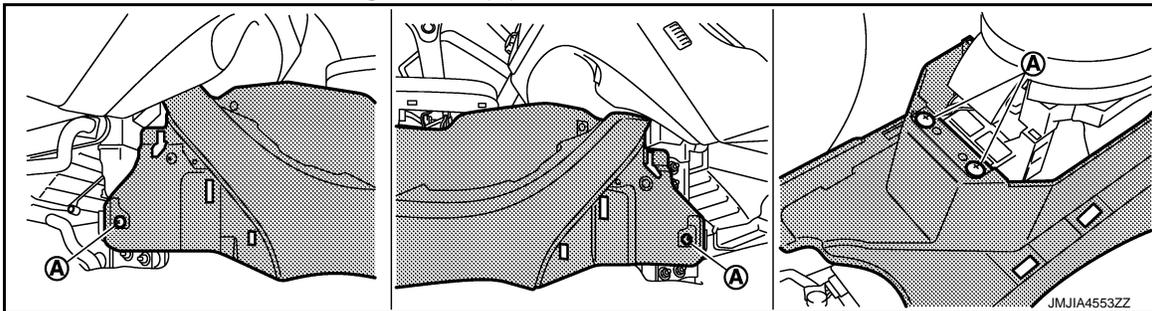
6. Remove instrument lower cover RH.
 1. Put front seat assembly RH to rearmost position.
 2. Remove fixing clip (A).
 3. Pull the instrument lower cover RH crosswise, and disengage the pawl and metal clips.

CAUTION:

Remove pawl and metal clips slowly so that they are not damaged.



7. Remove center console assembly.
 1. Remove center console fixing screws (A).



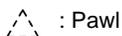
2. Remove seat heated switch harness clip (with seat heated switch).
3. Lift up center console assembly back side.

CAUTION:

Be careful not for damaging parts in surrounding area.

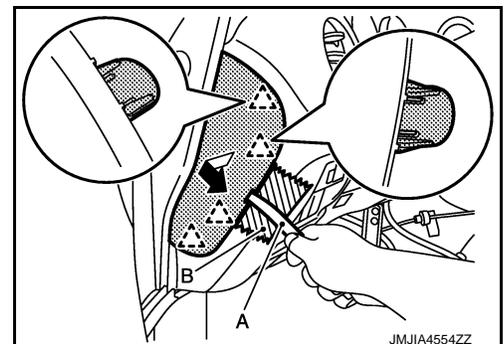
8. Release front pillar portion of front body side welt LH. Refer to [INT-20, "BODY SIDE WELT : Removal and Installation"](#).
9. Remove front pillar garnish LH. Refer to [INT-18, "FRONT PILLAR GARNISH : Removal and Installation"](#).

10. Remove instrument side finisher LH.
 1. Insert remover tool (A) between instrument side finisher LH and instrument panel assembly to disengage the pawls as shown in the figure.
 2. Pull back instrument side finisher LH.



CAUTION:

Apply protective tape (B) on the part to protect it from damage.



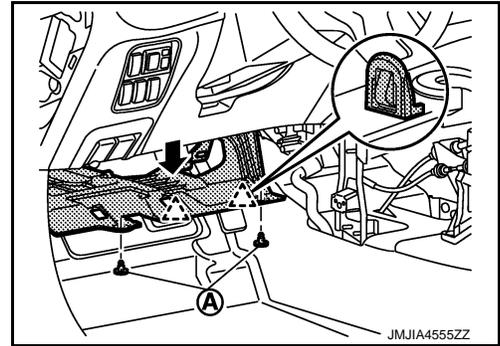
11. Remove instrument under cover LH.

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

1. Remove fixing clips (A).
2. Pull downward and disengage pawls.

 : Pawl

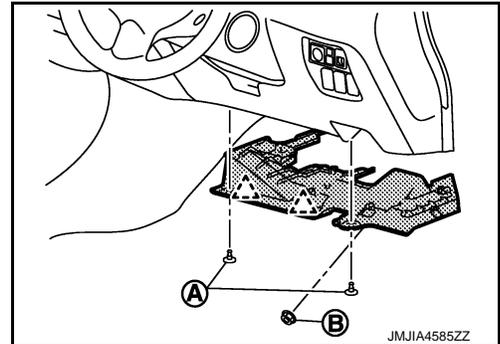


NOTE:

RHD models

1. Remove fixing clips (A).
2. Remove fixing clip (B).
3. Pull downward and disengage pawls.

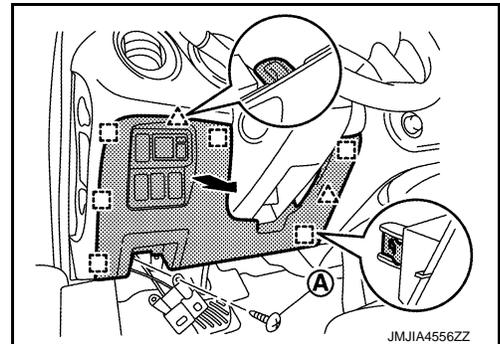
 : Pawl



12. Remove instrument lower panel LH.

1. Remove hood opener and fuel lid opener lever. Refer to [DLK-173. "HOOD LOCK CONTROL CABLE : Removal and Installation"](#).
2. Remove fixing screw (A).
3. Pull back instrument lower panel LH, and then disengage the pawls and metal clips.
4. Disconnect harness connectors and aspirator duct.

 : Pawl
 : Metal clip



13. Remove driver air bag module. Refer to [SR-13. "Removal and Installation"](#).

14. Remove steering wheel. Refer to [ST-9. "Removal and Installation"](#).

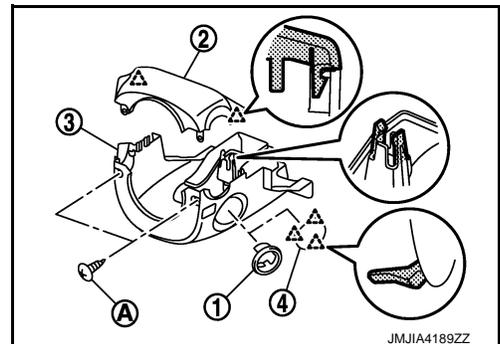
15. Remove steering column covers.

1. Place the tilt to the lowest level.
2. Remove steering lock escutcheon (1). (without Intelligent Key)
3. Remove fixing screws (A).
4. Pull up steering column upper cover (2), and then disengage steering column upper cover fixing pawls.
5. Remove steering column upper cover.
6. Pull down the steering column lower cover (3), and then remove steering column lower cover.

 : Pawl

NOTE:

Disengage the pawls, and then remove steering lock escutcheon (4). (with Intelligent Key)

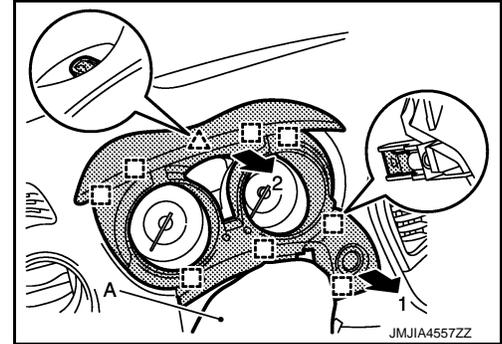


INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

16. Remove spiral cable. Refer to [SR-16, "Removal and Installation"](#).
17. Remove combination switch. Refer to [BCS-94, "Removal and Installation"](#).
18. Remove cluster lid A.
 1. Cover steering shaft with a shop cloth (A) to prevent damage.
 2. Pull back cluster lid A while holding the lower side and disengage the metal clips underside.
 3. Hold both upper sides of cluster lid A and pull it out towards vehicle rear, and disengage pawl and metal clips topside.
 4. Disconnect push-button ignition switch harness connector and NATS antenna amp.harness connector. (with Intelligent Key)

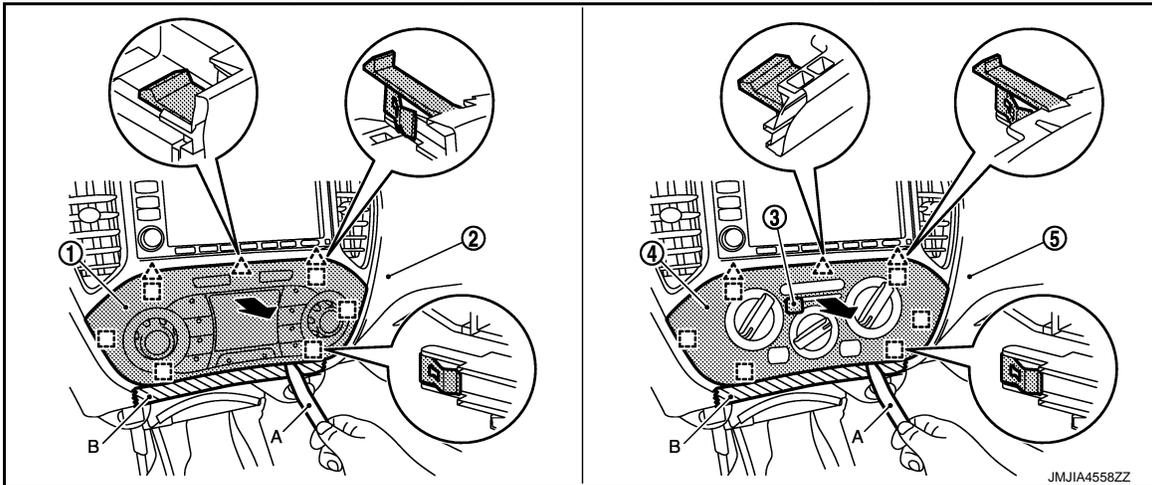
-  : Pawl
 : Metal clip



CAUTION:

Remove metal clips slowly so that they are not damaged.

19. Remove combination meter. Refer to [MWI-69, "Removal and Installation"](#).
20. Remove multi display unit (with auto A/C) or A/C finisher (with manual A/C).



Multi display unit (with auto A/C)

A/C finisher (with manual A/C)

-  : Pawl
 : Metal clip

- Multi display unit (with auto A/C)
 - Insert a remover tool (A) between multi display unit (1) and instrument panel assembly (2), and then disengage pawls and metal clip.
 - Pull back multi display unit, and then disconnect harness connector.

CAUTION:

Apply protective tape (B) on the part to protect it from damage.

- A/C finisher (with manual A/C)
 - Remove intake door lever knob (3). Refer to [HAC-239, "Removal and Installation"](#).
 - Insert a remover tool (A) between A/C finisher (4) and instrument panel assembly (5), and then disengage pawls and metal clip.
 - Pull back A/C finisher.

CAUTION:

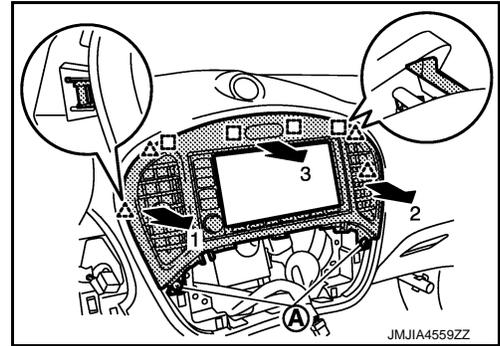
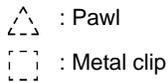
Apply protective tape (B) on the part to protect it from damage.

21. Remove A/C control fixing screws (with Manual A/C). Refer to [HAC-239, "Removal and Installation"](#).

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

22. Remove cluster lid C.
1. Remove fixing screws (A).
 2. Pull back cluster lid C, and disengage the pawls and metal clips.
 3. Disconnect harness connector.



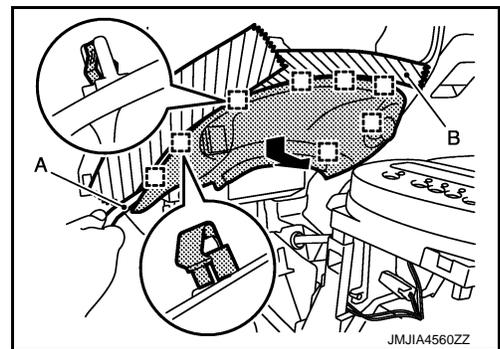
23. Remove audio or NAVI control unit.
- Audio unit: Refer to [AV-38, "Removal and Installation"](#).
 - NAVI control unit: Refer to [AV-84, "Removal and Installation"](#).
24. Disconnect hazard switch harness connector.

25. Remove cluster tray.
1. Insert a remover tool (A) between cluster tray and instrument panel assembly, and then pull downward and disengage metal clips.
 2. Pull back cluster tray.
 3. Disconnect harness connectors.



CAUTION:

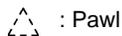
Apply protective tape (B) on the part to protect it from damage.



26. Release front pillar portion of front body side welt RH. Refer to [INT-20, "BODY SIDE WELT : Removal and Installation"](#).

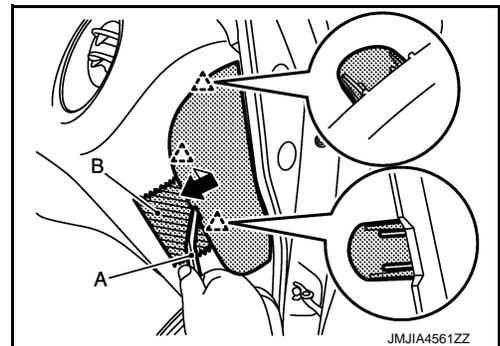
27. Remove front pillar garnish RH. Refer to [INT-18, "FRONT PILLAR GARNISH : Removal and Installation"](#).

28. Remove instrument side finisher RH.
1. Insert remover tool (A) between instrument side finisher RH and instrument panel assembly to disengage the pawls as shown in the figure.
 2. Pull back instrument side finisher RH.

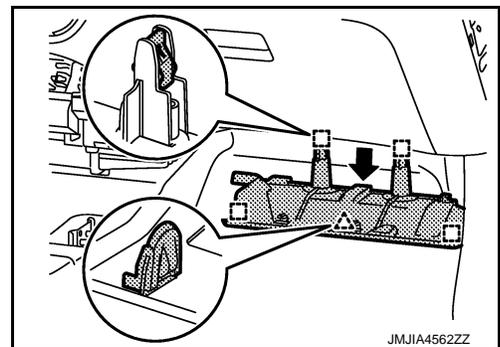
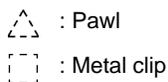


CAUTION:

Apply protective tape (B) on the part to protect it from damage.



29. Remove instrument under cover RH.
1. Remove fixing clips (A).
 2. Pull downward and disengage pawl and metal clips.



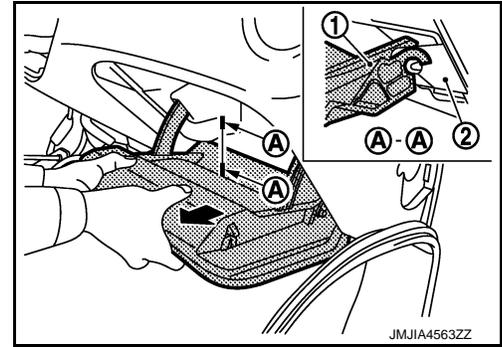
30. Remove glove box lid.

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

INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

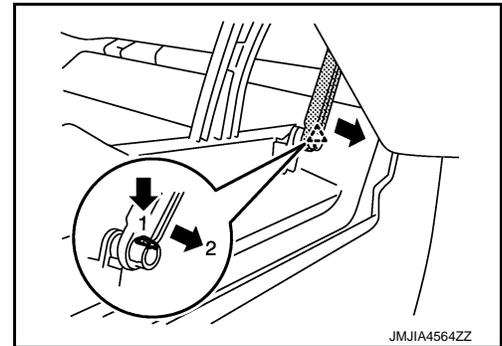
1. Open glove box lid.
2. Pull glove box lid (1) toward vehicle rear, and then disengage the joint from instrument panel assembly (2).



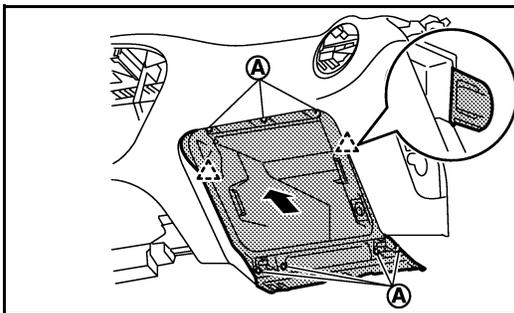
3. Disengage the pawl, and then remove damper pin on right side.

 : Pawl

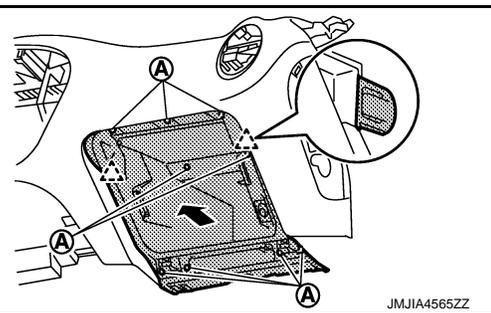
CAUTION:
Never excessively pull string of glove box damper.



31. Remove glove box assembly.



2WD models



4WD models

1. Remove fixing screws (A).
2. Pull back the glove box cover assembly while holding the lower side and disengage the pawls.

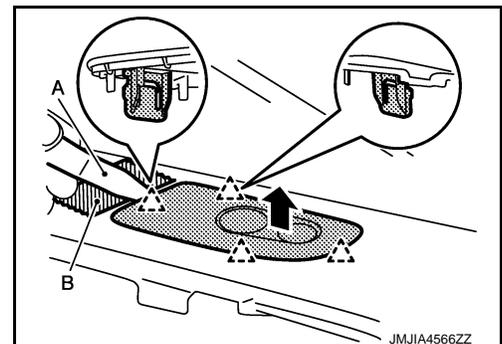
 : Pawl

32. Remove front passenger air bag module. Refer to [SR-19, "Removal and Installation"](#).
33. Remove switch panel.

1. Insert remover tool (A) between switch panel and instrument panel assembly to disengage the pawls as shown in the figure.
2. Pull up switch panel, and then disconnect harness connector.

 : Pawl

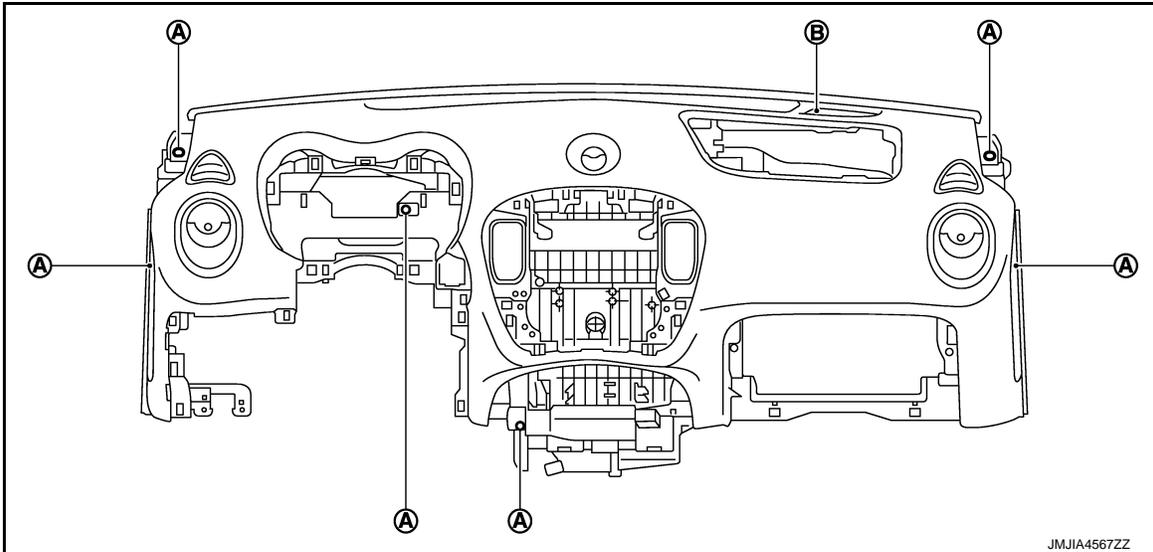
CAUTION:
Apply protective tape (B) on the part to protect it from damage.



INSTRUMENT PANEL ASSEMBLY

< REMOVAL AND INSTALLATION >

34. Remove instrument panel assembly mounting screws (A) and bolts (B).

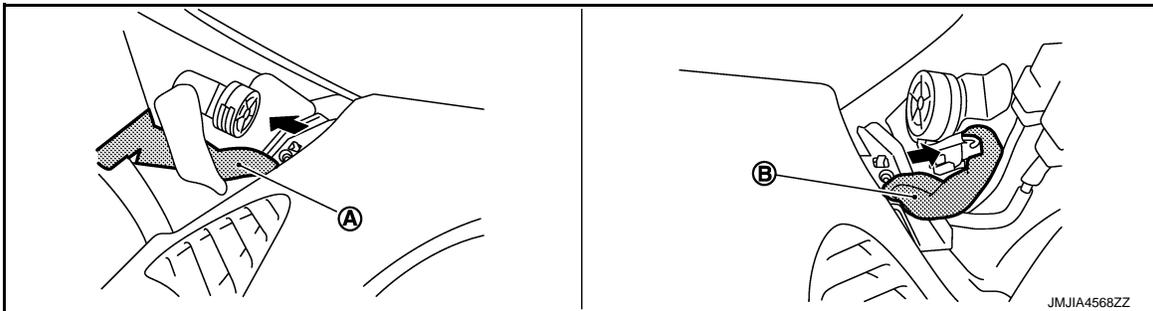


CAUTION:

Cover tool with a shop cloth to prevent windshield glass from being damaged.

35. Remove instrument panel assembly.

1. Disengage harness (A) and harness (B) of front pillar LH and RH portions from instrument panel assembly.



2. Remove instrument panel from passenger door opening portion.

CAUTION:

- Cover CVT shift selector upper surface with a shop cloth to prevent it from being damaged.
- When removing instrument panel assembly, 2 workers are required to prevent it from dropping.

36. Remove the following parts after removing instrument panel assembly.

- Side defroster nozzle: Refer to [VTL-10, "SIDE DEFROSTER NOZZLE : Removal and Installation"](#).
- Side ventilator grille: Refer to [VTL-11, "SIDE VENTILATOR GRILLE : Removal and Installation"](#).
- Side defroster grille: [VTL-11, "SIDE DEFROSTER GRILLE : Removal and Installation"](#).
- Front defroster nozzle: [VTL-11, "FRONT DEFROSTER NOZZLE : Removal and Installation"](#).
- Center ventilator duct: [VTL-12, "CENTER VENTILATOR DUCT : Removal and Installation"](#).
- Side ventilator duct: [VTL-12, "SIDE VENTILATOR DUCT : Removal and Installation"](#).
- GPS antenna: [AV-89, "Removal and Installation"](#).
- Hazard switch: [EXL-97, "Removal and Installation"](#).

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

After installation, adjust the parking brake lever stroke. Refer to [PB-2, "Inspection and Adjustment"](#).

CENTER CONSOLE ASSEMBLY

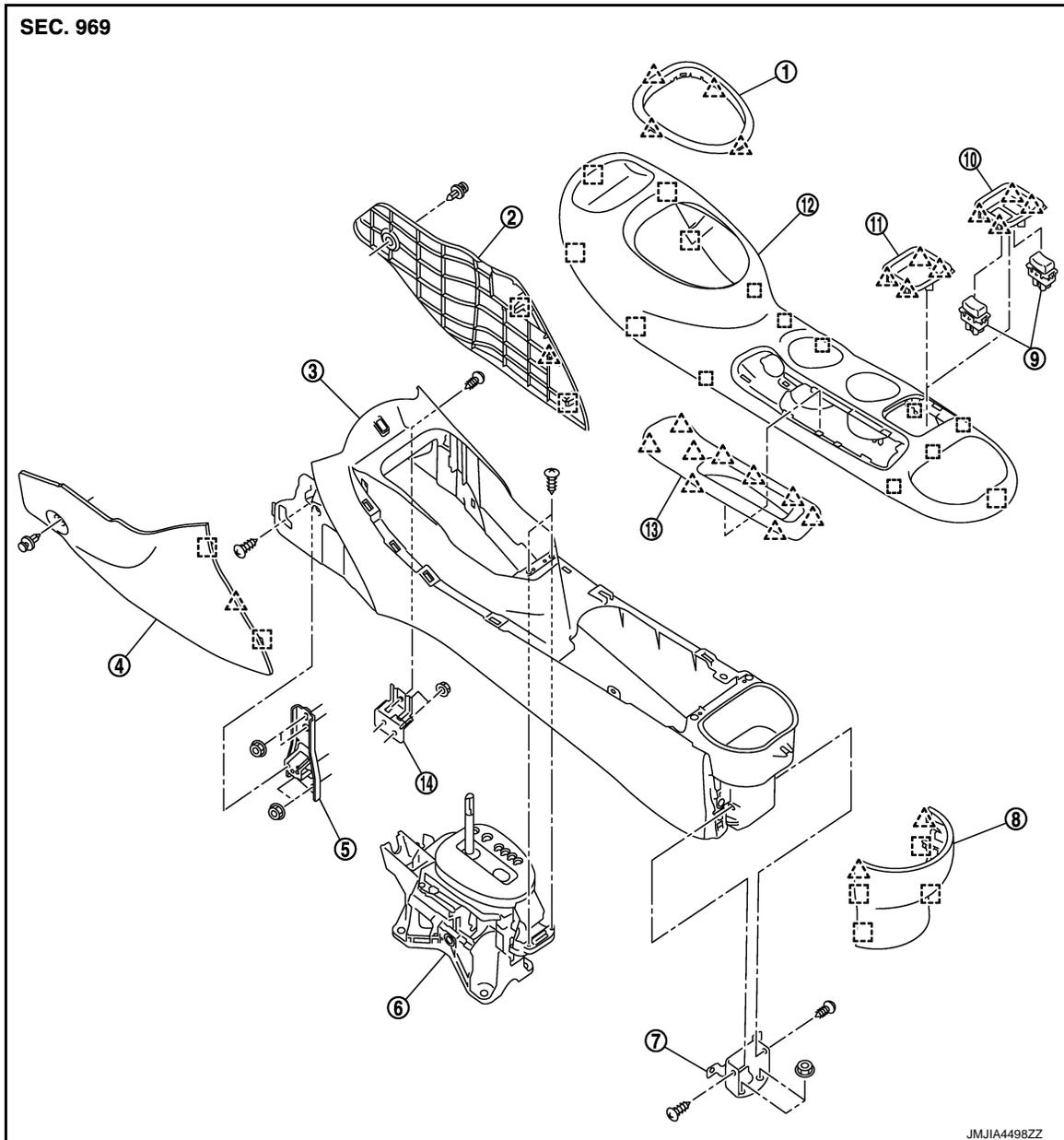
< REMOVAL AND INSTALLATION >

CENTER CONSOLE ASSEMBLY

Exploded View

INFOID:00000006275834

CVT models



- | | | |
|-------------------------------|------------------------------|--------------------------------|
| 1. Console indicator finisher | 2. Instrument lower cover RH | 3. Center console assembly |
| 4. Instrument lower cover LH | 5. Instrument stay | 6. CVT shift selector assembly |
| 7. Console rear bracket | 8. Console rear finisher | 9. Seat heated switch |
| 10. Console switch finisher | 11. Console switch finisher | 12. Console finisher assembly |
| 13. Console mask | 14. Console front bracket | |

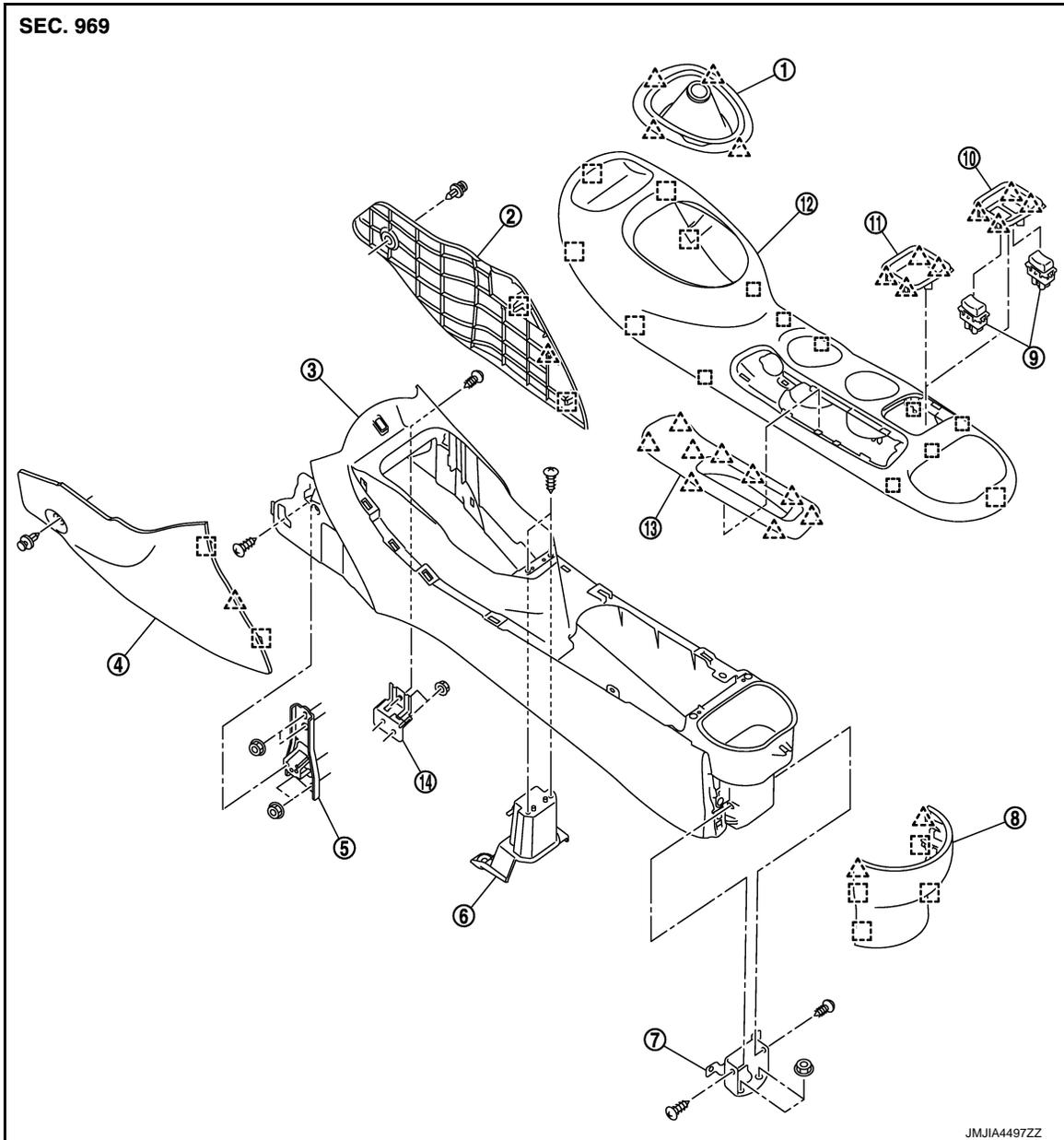
△ : Pawl

□ : Metal clip

CENTER CONSOLE ASSEMBLY

< REMOVAL AND INSTALLATION >

MT models



- | | | |
|------------------------------|------------------------------|-------------------------------|
| 1. Console boot | 2. Instrument lower cover RH | 3. Center console assembly |
| 4. Instrument lower cover LH | 5. Instrument stay | 6. Console center bracket |
| 7. Console rear bracket | 8. Console rear finisher | 9. Seat heated switch |
| 10. Console switch finisher | 11. Console switch finisher | 12. Console finisher assembly |
| 13. Console mask | 14. Console front bracket | |

-  : Pawl
-  : Metal clip

Removal and Installation

INFOID:000000006342267

WARNING:

Before servicing, turn ignition switch OFF, disconnect battery negative terminal and wait 3 minutes or more.

REMOVAL

CAUTION:

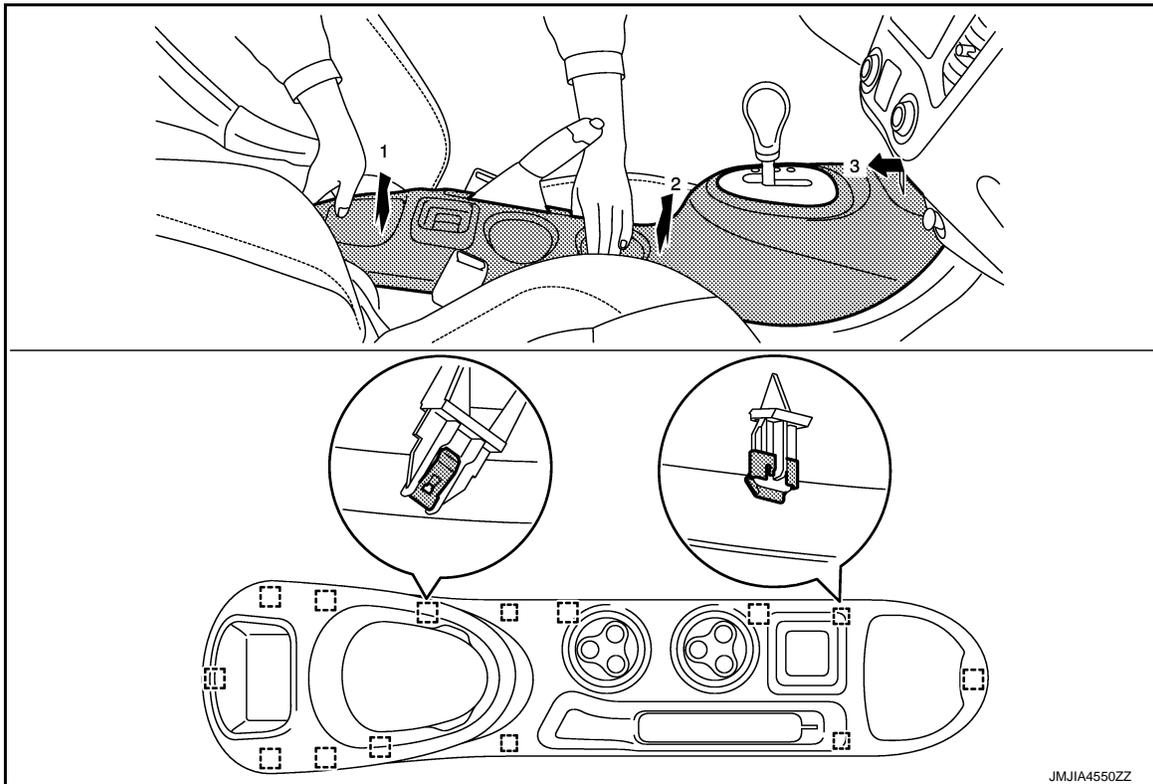
When removing, always use a remover tool that is made of plastic.

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

CENTER CONSOLE ASSEMBLY

< REMOVAL AND INSTALLATION >

1. Remove shift lever knob (MT models only).
 - 5MT models: Refer to [TM-25. "Removal and Installation"](#).
 - 6MT models: Refer to [TM-78. "Removal and Installation"](#).
2. Remove console finisher assembly.
 1. Put selector lever in "N" position.
 2. Loosen the parking brake lever stroke by turning the adjusting nut with a socket wrench. Refer to [PB-2. "Inspection and Adjustment"](#).
 3. Lift up console finisher assembly in numerical order shown in the figure and disengage metal clips.
 4. Remove console finisher assembly while pulling it towards vehicle rear.



 : Metal clip

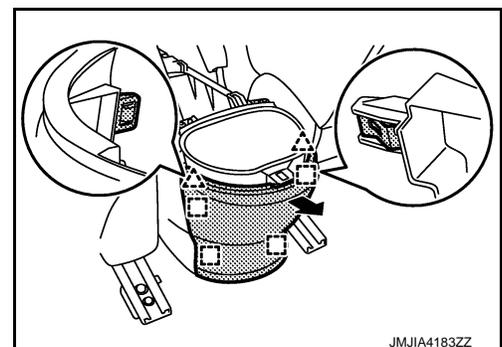
CAUTION:

- Be careful not for damaging parts in surrounding area.
- Remove metal clips slowly so that they are not damaged.

3. Remove console rear finisher.
 1. Put front seat assembly (LH and RH) to frontmost position.
 2. Pull back console rear finisher, and disengage the pawls and metal clips.

 : Pawl

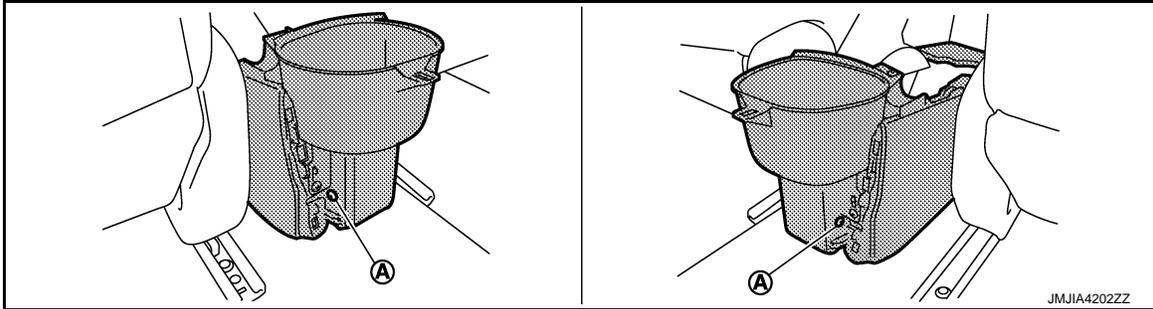
 : Metal clip



CENTER CONSOLE ASSEMBLY

< REMOVAL AND INSTALLATION >

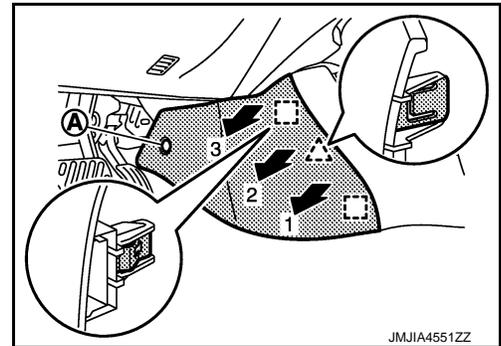
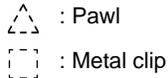
4. Remove center console assembly fixing screws (A).



5. Remove instrument lower cover LH.
 1. Put front seat assembly LH to rearmost position.
 2. Remove fixing clip (A).
 3. Pull the instrument lower cover LH crosswise, and disengage the pawl and metal clips.

CAUTION:

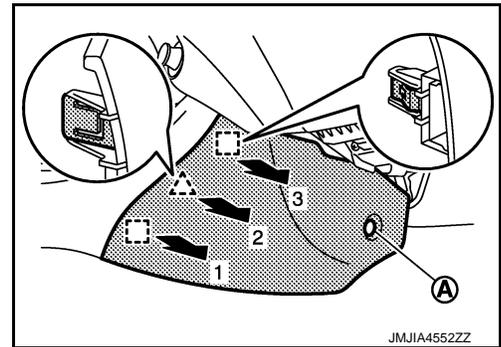
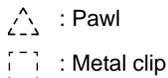
Remove pawl and metal clips slowly so that they are not damaged.



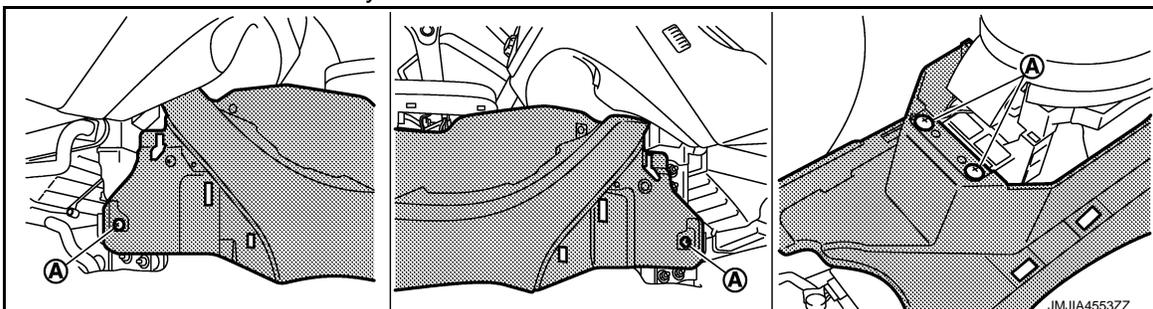
6. Remove instrument lower cover RH.
 1. Put front seat assembly RH to rearmost position.
 2. Remove fixing clip (A).
 3. Pull the instrument lower cover RH crosswise, and disengage the pawl and metal clips.

CAUTION:

Remove pawl and metal clips slowly so that they are not damaged.



7. Remove center console assembly.



1. Remove center console fixing screws (A).
 2. Lift up center console assembly back side.

CAUTION:

Be careful not for damaging parts in surrounding area.

INSTALLATION

Note the following item, and then install in the reverse order of removal.

CAUTION:

After installation, adjust the parking brake lever stroke. Refer to [PB-2, "Inspection and Adjustment"](#).

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

CENTER CONSOLE ASSEMBLY

< REMOVAL AND INSTALLATION >

Disassembly and Assembly

INFOID:000000006275836

Disassembly and Assembly of Console Finisher Assembly

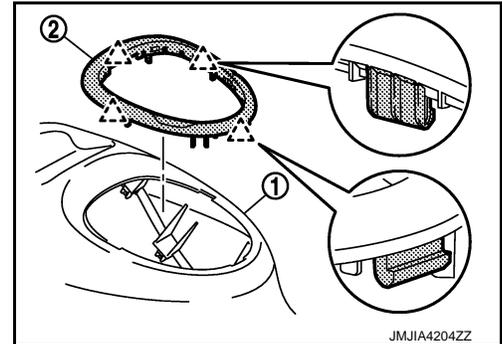
CAUTION:

When disassembling, always use a remover tool that is made of plastic.

DISASSEMBLY

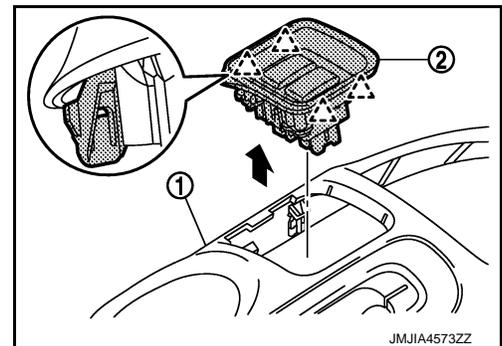
1. Remove console finisher assembly. Refer to [JP-23. "Removal and Installation"](#).
2. Remove console indicator finisher (CVT models)
Disengage connection of the console indicator finisher (2) fixing pawls from the inside of the console finisher assembly (1) toward the outside, and remove.

 : Pawl



3. Remove console indicator finisher (MT models)
Disengage connection of the console boot (2) fixing pawls from the inside of the console finisher assembly (1) toward the outside, and remove.

 : Pawl

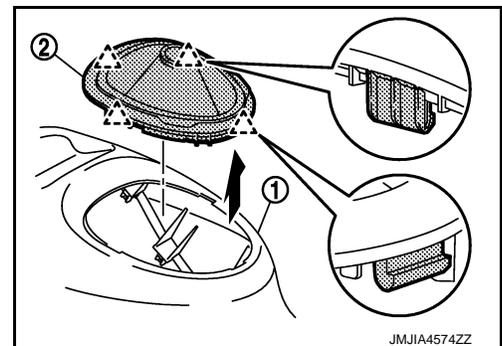


4. Remove console switch finisher.
Disengage connection of the console switch finisher (2) fixing pawls from the inside of the console finisher assembly (1) toward the outside, and remove.

NOTE:

Remove seat heated switch. Refer to [SE-51. "Removal and Installation"](#).

 : Pawl



ASSEMBLY

Assemble in the reverse order of disassembly.