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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

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

INFOID:000000012170166

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, 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 "SRS AIR BAG".
- Never 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:

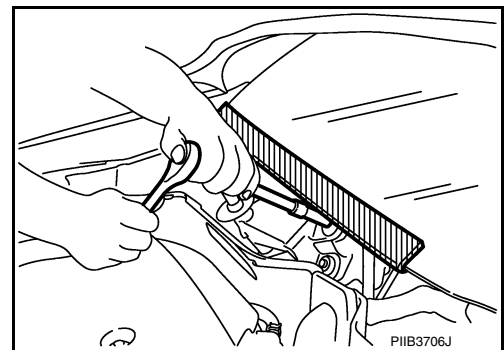
Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never 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 or batteries, and wait at least 3 minutes before performing any service.

Precaution for Procedure without Cowl Top Cover

INFOID:000000012170167

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc to prevent damage to windshield.



Precautions For Xenon Headlamp Service

INFOID:000000012170168

WARNING:

Comply with the following warnings to prevent any serious accident.

- Disconnect the battery cable (negative terminal) or the power supply fuse before installing, removing, or touching the xenon headlamp (bulb included). The xenon headlamp contains high-voltage generated parts.
- Never work with wet hands.
- Check the xenon headlamp ON-OFF status after assembling it to the vehicle. Never turn the xenon headlamp ON in other conditions. Connect the power supply to the vehicle-side connector.

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PRECAUTIONS

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(Turning it ON outside the lamp case may cause fire or visual impairments.)

- Never touch the bulb glass immediately after turning it OFF. It is extremely hot.

CAUTION:

Comply with the following cautions to prevent any error and malfunction.

- Install the xenon bulb securely. (Insufficient bulb socket installation may melt the bulb, the connector, the housing, etc. by high-voltage leakage or corona discharge.)
- Never perform HID circuit inspection with a tester.
- Never touch the xenon bulb glass with hands. Never put oil and grease on it.
- Dispose of the used xenon bulb after packing it in thick vinyl without breaking it.
- Never wipe out dirt and contamination with organic solvent (thinner, gasoline, etc.).

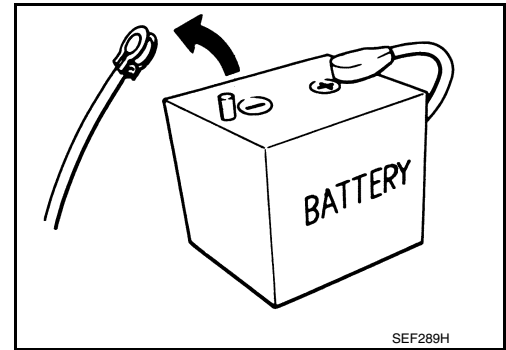
Precautions for Removing Battery Terminal

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When disconnecting the battery terminal, pay attention to the following.

- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.
- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.
- For vehicles with the engine listed below, remove the battery terminal after a lapse of the specified time:

BR08DE	: 4 minutes	YD25DDTi	: 2 minutes
D4D engine	: 20 minutes	YS23DDT	: 4 minutes
HRA2DDT	: 12 minutes	YS23DDTT	: 4 minutes
K9K engine	: 4 minutes	ZD30DDTi	: 60 seconds
M9R engine	: 4 minutes	ZD30DDTT	: 60 seconds
R9M engine	: 4 minutes		
V9X engine	: 4 minutes		



NOTE:

ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- After high-load driving, if the vehicle is equipped with the V9X engine, turn the ignition switch OFF and wait for at least 15 minutes to remove the battery terminal.

NOTE:

- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
 - Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
 - Driving for 30 minutes or more on a steep slope.
- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:

The removal of 12V battery may cause a DTC detection error.

Precaution for Work

INFOID:000000012170170

- After removing and installing the opening/closing parts, be sure to carry out fitting adjustments to check their operation.
- Check the lubrication level, damage, and wear of each part. If necessary, grease or replace it.

PREPARATION

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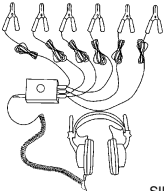
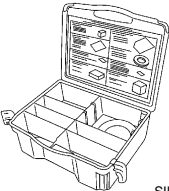
PREPARATION

PREPARATION

Special Service Tools

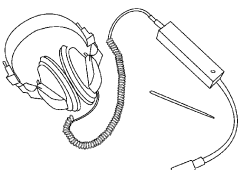
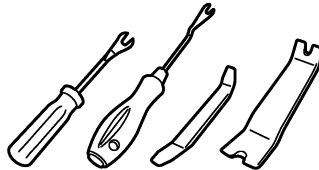
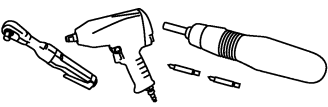
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The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
<p>(J-39570) Chassis ear</p>  <p>SIIA0993E</p>	<p>Locates the noise</p>
<p>(J-50397) NISSAN Squeak and Rattle Kit</p>  <p>SIIA0994E</p>	<p>Repairs the cause of noise</p>

Commercial Service Tools

INFOID:000000012170172

Tool name	Description
<p>Engine ear</p>  <p>SIIA0995E</p>	<p>Locates the noise</p>
<p>Remover tool</p>  <p>JMKIA3050ZZ</p>	<p>Removes clips, pawls and metal clips</p>
<p>Power tool</p>  <p>PIIB1407E</p>	<p>Loosening bolts, nuts and screw</p>

SQUEAK AND RATTLE TROUBLE DIAGNOSES

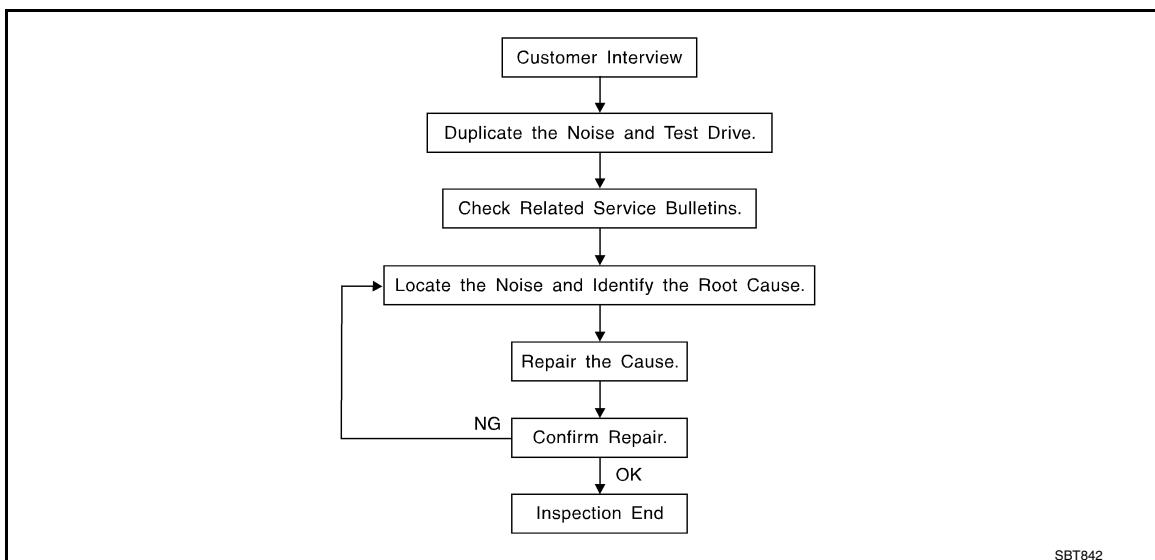
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SYMPTOM DIAGNOSIS

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 of customer's comments; refer to [EXT-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, perform a diagnosis and repair the noise that the customer is concerned about. This can be accomplished by performing a cruise test on 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 bumblebee)
Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending up on 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 models, drive position on 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 and 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 you suspect the noise is coming from.
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 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 [EXT-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. A Nissan Squeak and Rattle Kit (J-50397) is available through your authorized Nissan Parts Department.

CAUTION:

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

NOTE:

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

The following materials are contained in the Nissan Squeak and Rattle Kit (J-50397) are listed on the inside cover of the kit; and can each be ordered separately as needed.

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 × 1.97in)

FELT CLOTHTAPE

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

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.

UHMW (TEFLON) TAPE

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

SILICONE GREASE

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

Inspection Procedure

INFOID:000000012170164

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 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 you saturate the area with silicone, you will not be able to recheck the repair.

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:

1. Finisher and inner panel making a slapping noise
2. Inside handle escutcheon to door finisher
3. Wiring harnesses tapping
4. Door striker out of alignment causing a popping noise on starts and stops

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the Nissan Squeak and Rattle Kit (J-50397) to repair the noise.

TRUNK

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

In addition look for:

1. Trunk lid dumpers out of adjustment
2. Trunk lid striker out of adjustment

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

3. The trunk lid torsion bars knocking together

4. A loose license plate or bracket

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

SUNROOF/HEADLINING

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

1. Sunroof lid, rail, linkage or seals making a rattle or light knocking noise

2. Sunvisor shaft shaking in the holder

3. Front or rear windshield touching headlining and squeaking

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

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 under hood 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

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

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

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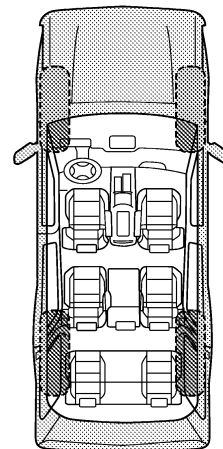
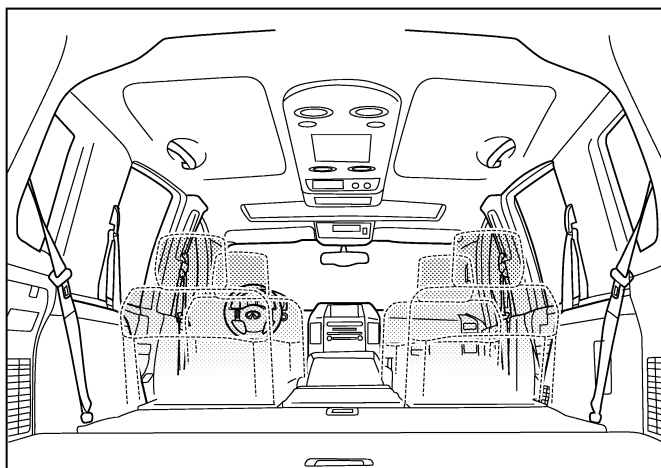
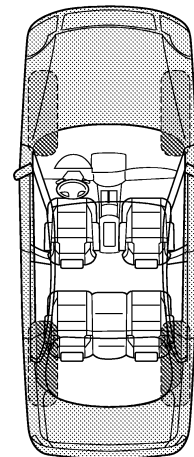
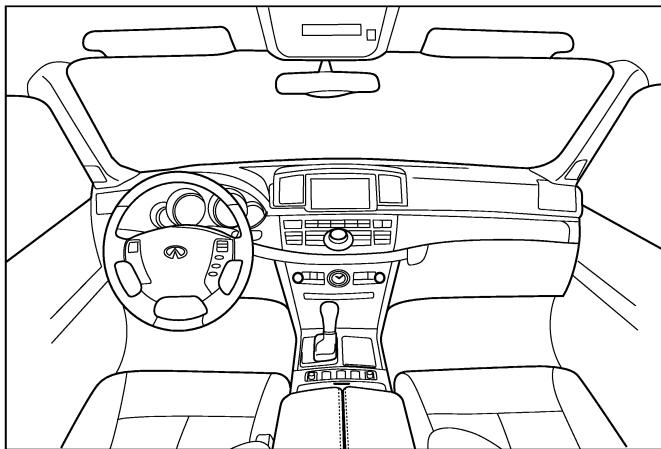
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Infiniti Customer:

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

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

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

- | | |
|-------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> anytime | <input type="checkbox"/> after sitting out in the rain |
| <input type="checkbox"/> 1st time in the morning | <input type="checkbox"/> when it is raining or wet |
| <input type="checkbox"/> only when it is cold outside | <input type="checkbox"/> dry or dusty conditions |
| <input type="checkbox"/> only when it is hot outside | <input type="checkbox"/> other: |

III. WHEN DRIVING:

- through driveways
- over rough roads
- over speed bumps
- only about ____ mph
- on acceleration
- coming to a stop
- on turns: left, right or either (circle)
- with passengers or cargo
- other: _____
- after driving ____ miles or ____ minutes

IV. WHAT TYPE OF NOISE

- squeak (like tennis shoes on a clean floor)
- creak (like walking on an old wooden floor)
- rattle (like shaking a baby rattle)
- knock (like a knock at the door)
- tick (like a clock second hand)
- thump (heavy, muffled knock noise)
- buzz (like a bumble bee)

TO BE COMPLETED BY DEALERSHIP PERSONNEL

Test Drive Notes:

	YES	NO	Initials of person performing
Vehicle test driven with customer	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise verified on test drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise source located and repaired	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Follow up test drive performed to confirm repair	<input type="checkbox"/>	<input type="checkbox"/>	_____

VIN: _____ Customer Name: _____
W.O.# _____ Date: _____

This form must be attached to Work Order

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FRONT BUMPER

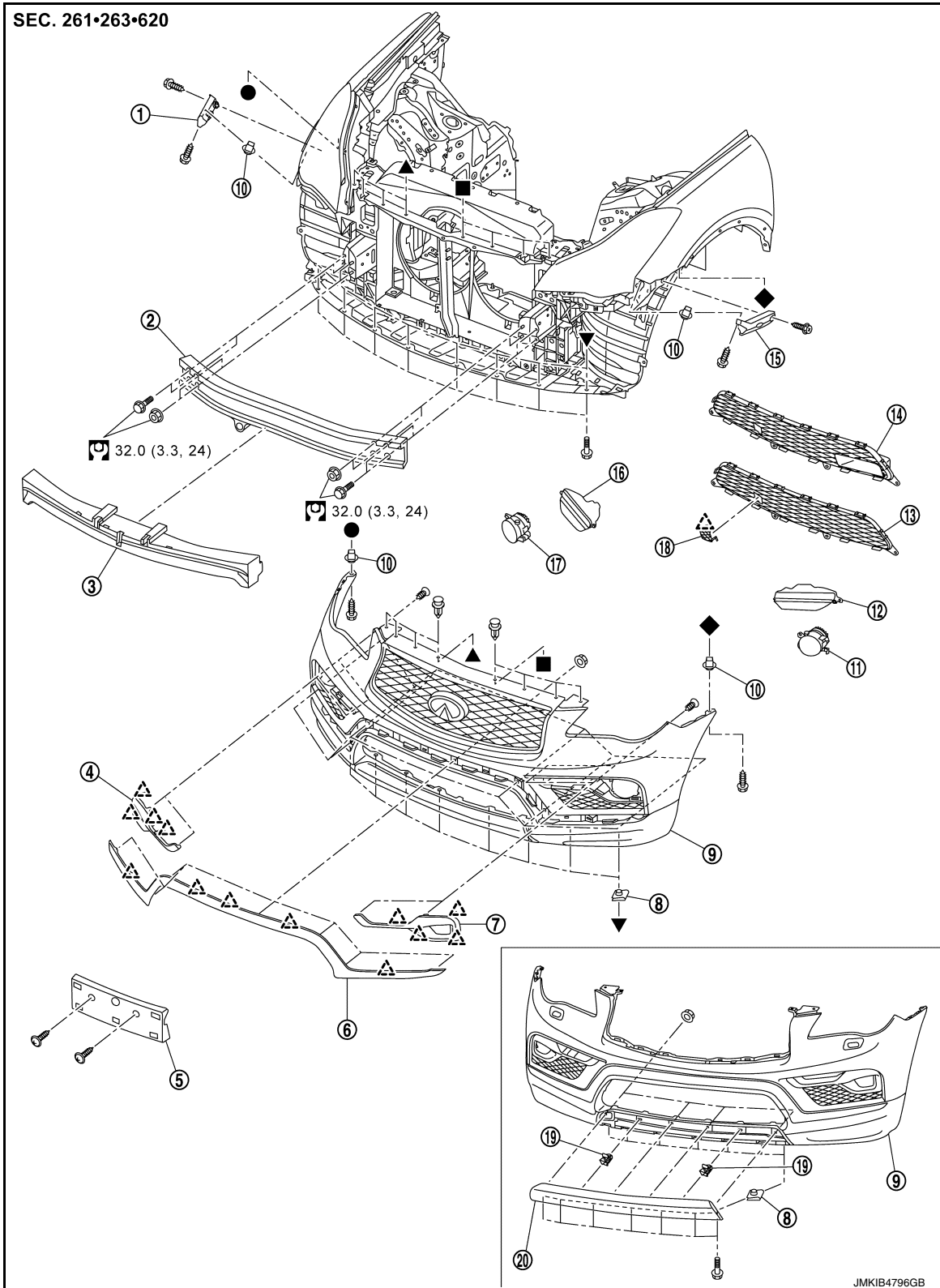
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REMOVAL AND INSTALLATION

FRONT BUMPER

Exploded View


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FRONT BUMPER

< REMOVAL AND INSTALLATION >

- | | | |
|-----------------------------------|--------------------------------|------------------------------|
| 1. Bumper side bracket RH | 2. Bumper reinforcement | 3. Energy absorber |
| 4. Fog lamp finisher RH | 5. License plate bracket | 6. Bumper molding |
| 7. Fog lamp finisher LH | 8. U nut | 9. Bumper fascia assembly |
| 10. Grommet | 11. Front fog lamp LH | 12. Daytime running light LH |
| 13. Bumper finisher (without ICC) | 14. Bumper finisher (with ICC) | 15. Bumper side bracket LH |
| 16. Daytime running light RH | 17. Front fog lamp RH | 18. Bumper bracket cover |
| 19. Turn fastener | 20. Bumper protector | |

 : Pawl

 : N·m (kg-m, ft-lb)

●, ▲, ■, ▼, ◆: Indicates that the part is connected at points with same symbol in actual vehicle.

Removal and Installation

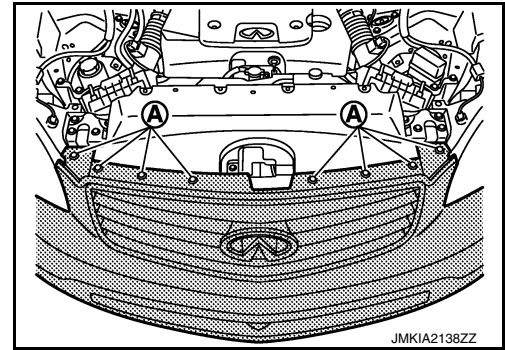
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REMOVAL


CAUTION:


Bumper fascia is made of resin. Never apply strong force to it, and be careful to prevent contact with oil.

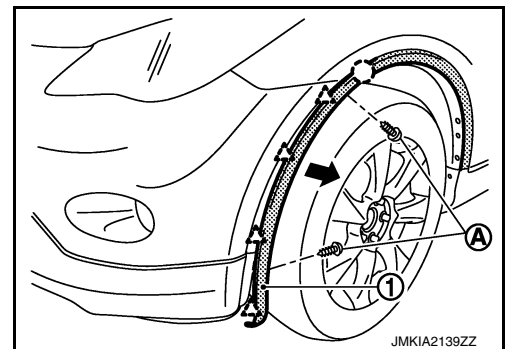
1. Fully open hood assembly.
2. Remove fixing clips (A) of front bumper fascia upper side.



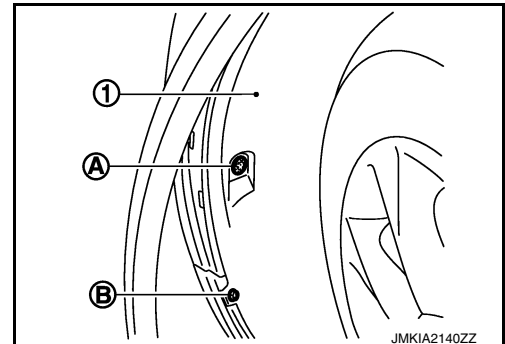
3. Remove front fillet molding (1) fixing screws (A) (LH/RH).
4. Remove front fillet molding fixing pawls and clip (LH/RH). Refer to [EXT-33. "FRONT FILLET MOLDING : Removal and Installation"](#).

 : Clip

 : Pawl



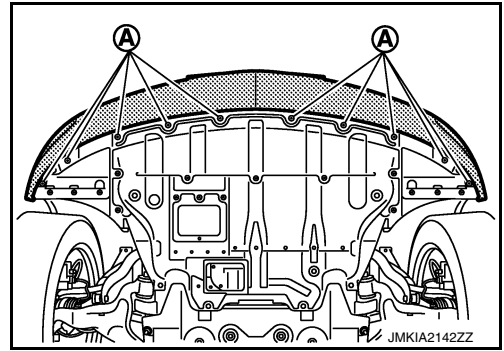
5. Remove fender protector (1) fixing clip (A) and grommet (B) (LH/RH).



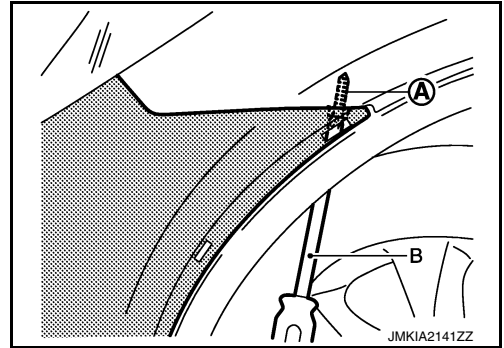
FRONT BUMPER

< REMOVAL AND INSTALLATION >

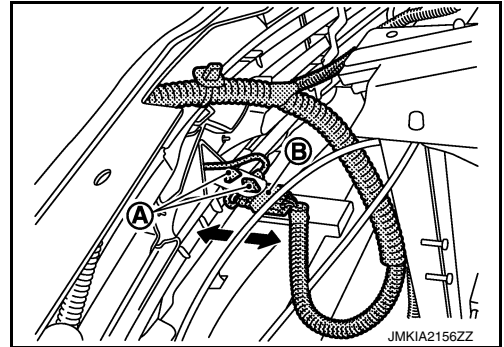
6. Remove mounting bolts (A) of engine lower cover and front fender protector.



7. Remove bumper fascia assembly fixing screws (A) (LH/RH) with screwdriver (B).



8. Pull the bumper fascia side toward the vehicle side to disengage the fitting of bumper side bracket and bumper fascia side.
9. Remove front camera harness clips (A), and then disconnect front camera harness connector (B) (if equipped).



10. Disconnect front fog lamp harness connector.
11. Disconnect daytime running light harness connector.
12. Disconnect sonar sensor harness connector (if equipped).
13. Remove bumper fascia assembly.

CAUTION:

When removing bumper fascia, 2 workers are required so as to prevent it from dropping.

14. Remove the following parts after removing bumper fascia.
 - Front camera (if equipped). Refer to [AV-512, "Removal and Installation"](#).
 - Front fog lamp. Refer to [EXL-238, "Removal and Installation"](#).
 - Daytime running light. Refer to [EXL-237, "Removal and Installation"](#).
 - Sonar sensor (LH/RH) (if equipped). Refer to [SN-62, "Removal and Installation"](#).
 - Hood seal assembly (front). Refer to [EXT-20, "Removal and Installation"](#).
 - Front grille. Refer to [EXT-20, "Removal and Installation"](#).
 - License plate bracket.
 - Bumper side bracket (LH/RH).
 - Bumper finisher (LH/RH).
 - Fog lamp finisher (LH/RH).
 - Bumper bracket cover.
 - Bumper molding.
 - Bumper protector.

FRONT BUMPER

< REMOVAL AND INSTALLATION >

15. Remove bumper energy absorber.
16. Remove bumper reinforcement mounting nuts and bolts, and then remove bumper reinforcement.

INSTALLATION

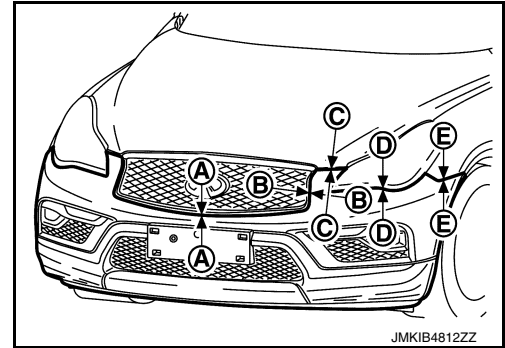
Note the following items, and then install in the reverse order of removal.

CAUTION:

- Perform camera image calibration. Refer to [AV-390, "CALIBRATING CAMERA IMAGE \(AROUND VIEW MONITOR\) : Description"](#).
- After installation, perform aiming adjustment. Refer to [EXL-230, "Description"](#).

NOTE:

After installing, perform fitting adjustment.



Portion		Clearance	Flush
Front bumper – Front grille	A – A	0.2 – 2.8 mm (0.008 – 0.110 in)	—
Front bumper – Front grille	B – B	0.1 – 2.9 mm (0.004 – 0.114 in)	—
Front bumper – Hood	C – C	2.5 – 6.5 mm (0.098 – 0.256 in)	(–0.7) – (+3.3) mm [(–0.028) – (+0.130) in]
Front bumper – Headlamp	D – D	0.3 – 3.2 mm (0.012 – 0.126 in)	—
Front bumper – Front fender	E – E	0.0 – 1.1 mm (0.000 – 0.043 in)	(–2.2) – (+0.8) mm [(–0.087) – (+0.031) in]

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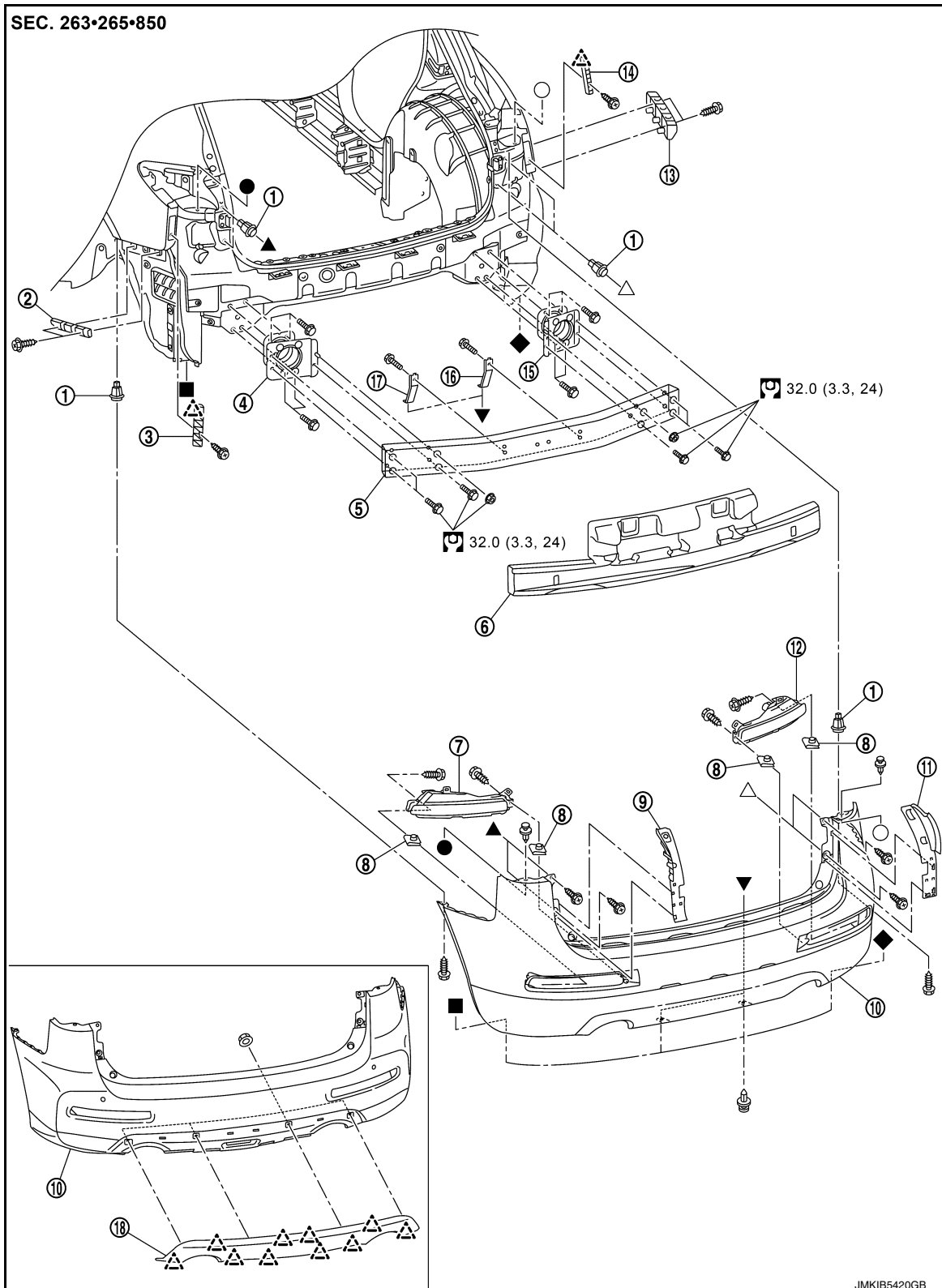
REAR BUMPER

< REMOVAL AND INSTALLATION >

REAR BUMPER

Exploded View

INFOID:000000012745629





- | | | |
|-----------------------------|-----------------------------|-----------------------------|
| 1. Grommet | 2. Bumper side bracket A LH | 3. Bumper side bracket B LH |
| 4. Bumper stay LH | 5. Bumper reinforcement | 6. Energy absorber |
| 7. Rear turn signal lamp LH | 8. U nut | 9. Bumper side cover LH |

REAR BUMPER

< REMOVAL AND INSTALLATION >

- | | | |
|------------------------------|------------------------------|------------------------------|
| 10. Bumper fascia assembly | 11. Bumper side cover RH | 12. Rear turn signal lamp RH |
| 13. Bumper side bracket A RH | 14. Bumper side bracket B RH | 15. Bumper stay RH |
| 16. Bumper lower retainer RH | 17. Bumper lower retainer LH | 18. Bumper protector |

 : Pawl

 : N·m (kg-m, ft-lb)

●, ▲, ■, ▼, ◆, ○, △: Indicates that the part is connected at points with same symbol in actual vehicle.

Removal and Installation


INFOID:000000012745630


REMOVAL

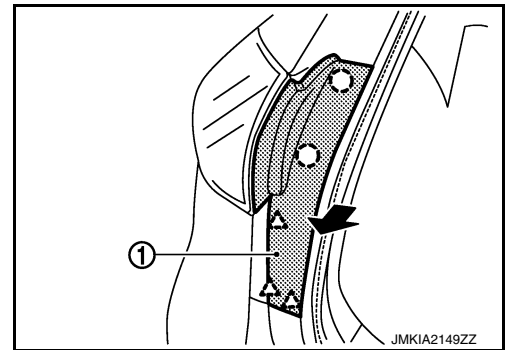
CAUTION:

Bumper fascia is made of resin. Never apply strong force to it, and be careful to prevent contact with oil.

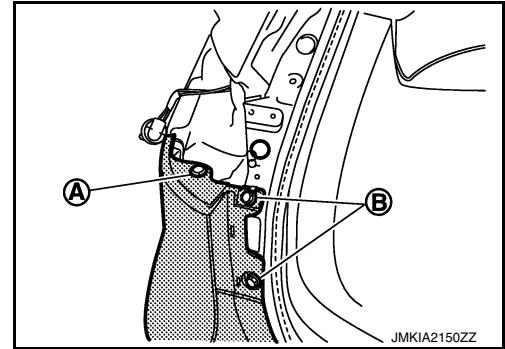
1. Fully open back door.
2. Remove bumper side cover (1) fixing clips and pawls, and then remove bumper side cover (LH/RH).

 : Clip


 : Pawl




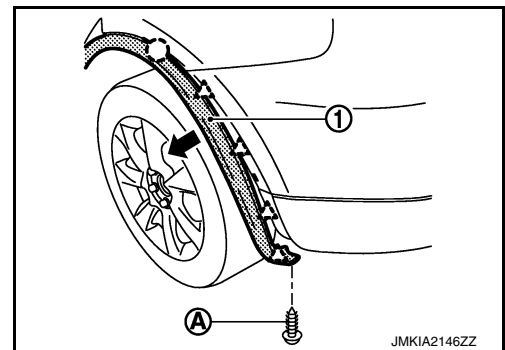
3. Remove rear combination lamp (LH/RH). Refer to [EXL-246, "Removal and Installation"](#).
4. Remove rear bumper fascia fixing clip (A) and mounting bolts (B) (LH/RH).



5. Remove rear fillet molding (1) fixing screws (A) (LH/RH).
6. Remove rear fillet molding fixing pawls and clip (LH/RH). Refer to [EXT-34, "REAR FILLET MOLDING : Removal and Installation"](#).

 : Clip

 : Pawl

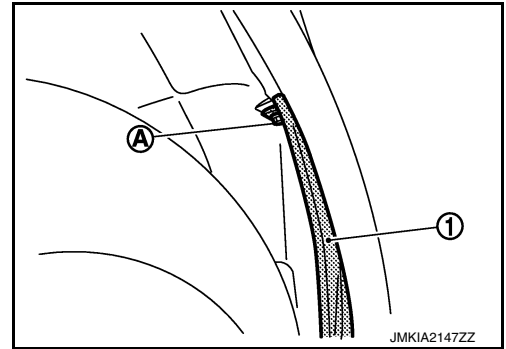


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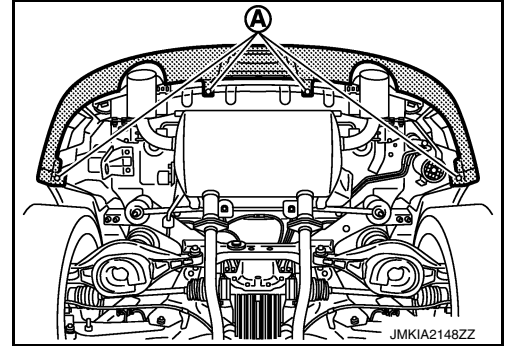
REAR BUMPER

< REMOVAL AND INSTALLATION >


7. Remove bumper fascia (1) fixing screws (A) (LH/RH).

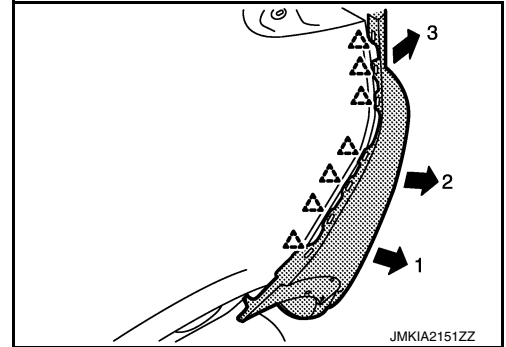


8. Remove fixing clips (A) of bumper fascia underside.

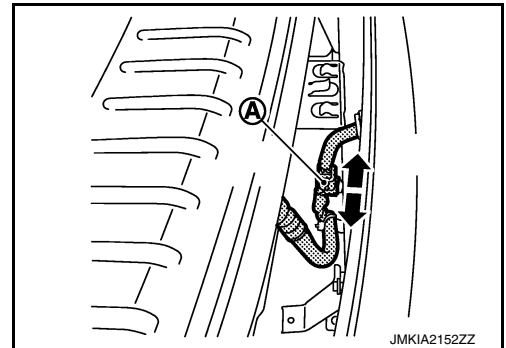


9. Pull to release bumper fascia assembly from bumper side bracket.

 : Pawl



10. Disconnect bumper sub harness connector (A).



11. Disconnect sonar sensor harness connector (if equipped).

12. Remove bumper fascia assembly.

CAUTION:

When removing bumper fascia, 2 workers are required so as to prevent it from dropping.

13. Remove the following parts after removing bumper fascia.

- Rear turn signal lamp (LH/RH). Refer to [EXL-247. "Removal and Installation"](#).
- Sonar sensor (if equipped). Refer to [SN-62. "Removal and Installation"](#).
- Bumper side bracket A (LH/RH).
- Bumper side bracket B (LH/RH).
- Bumper protector.

14. Remove bumper energy absorber.

REAR BUMPER

< REMOVAL AND INSTALLATION >

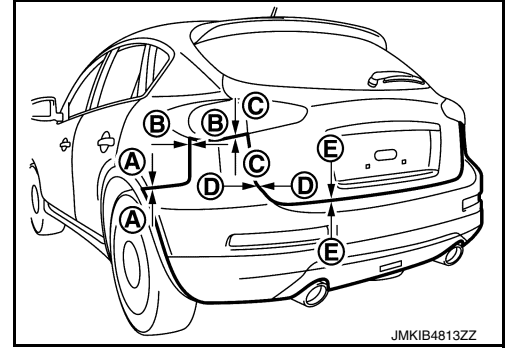
15. Remove license lamp harness clamps of bumper reinforcement.
16. Remove bumper reinforcement mounting nuts and bolts, and then remove bumper reinforcement.
17. Remove bumper stay mounting bolts, and then remove bumper stay (LH/RH).

INSTALLATION

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

NOTE:

After installing, perform fitting adjustment.



Portion		Clearance	Flush
Rear bumper – Rear fender	A – A	0.0 – 1.1 mm (0.000 – 0.043 in)	(-2.2) – (+0.8) mm [(-0.087) – (+0.031) in]
Rear bumper – Rear fender	B – B	0.0 – 1.1 mm (0.000 – 0.043 in)	(-2.2) – (+0.8) mm [(-0.087) – (+0.039) in]
Rear bumper – Rear combination lamp	C – C	0.3 – 3.0 mm (0.012 – 0.118 in)	(-0.5) – (+2.5) mm [(-0.020) – (+0.098) in]
Rear bumper – Back door	D – D	2.9 – 7.1 mm (0.114 – 0.280 in)	(-1.7) – (+2.5) mm [(-0.067) – (+0.098) in]
Rear bumper – Back door	E – E	5.0 – 9.0 mm (0.197 – 0.354 in)	—

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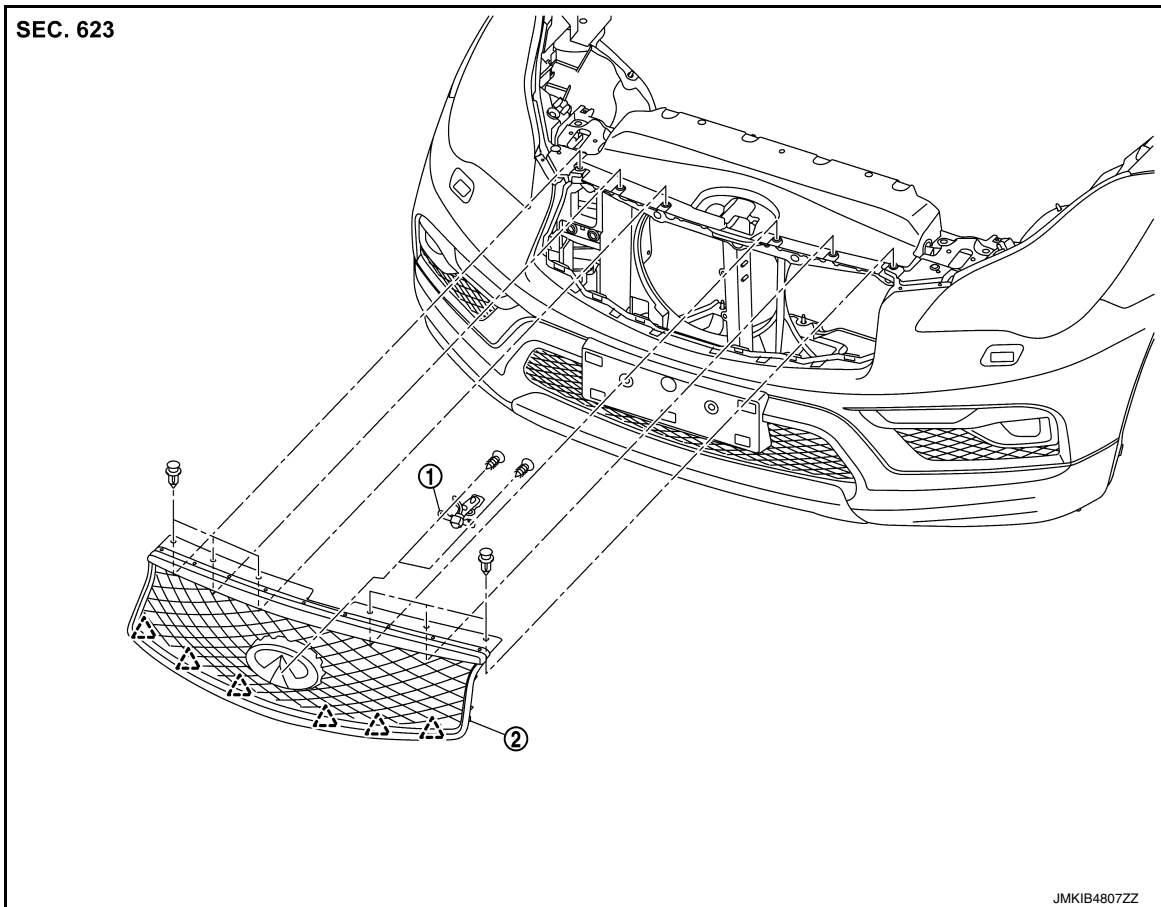
FRONT GRILLE

< REMOVAL AND INSTALLATION >


FRONT GRILLE

Exploded View

INFOID:000000012745631



1. Front camera (if equipped) 2. Front grille

 : Pawl

Removal and Installation

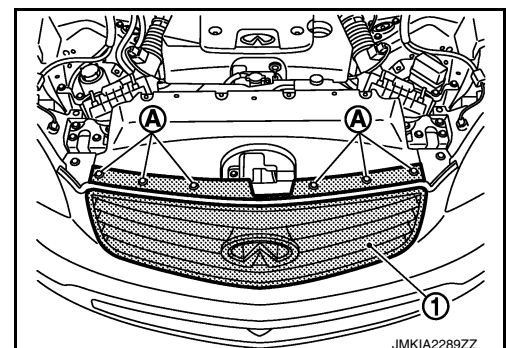
INFOID:000000012745632

REMOVAL

CAUTION:

Apply protection tape around outer circumference of front grille (bumper fascia side).


1. Fully open hood.
2. Remove front grille (1) fixing clips (A) with remover tool.

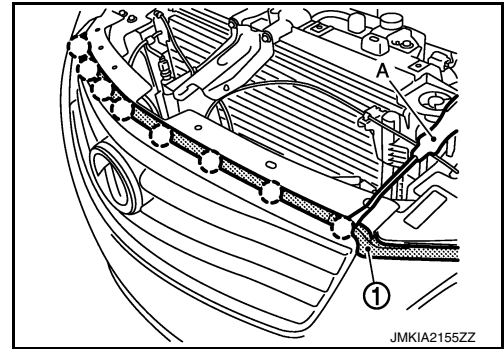


FRONT GRILLE


< REMOVAL AND INSTALLATION >

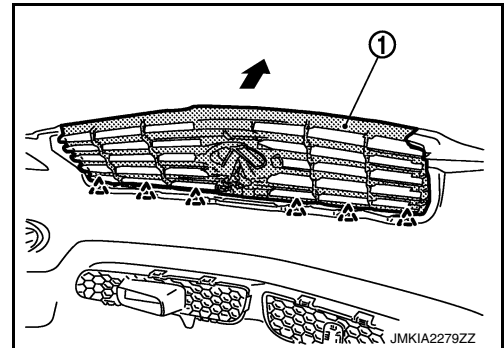
3. Remove hood seal assembly (front) (1) fixing clips with remover tool (A), and then remove hood seal assembly (front).

 : Clip

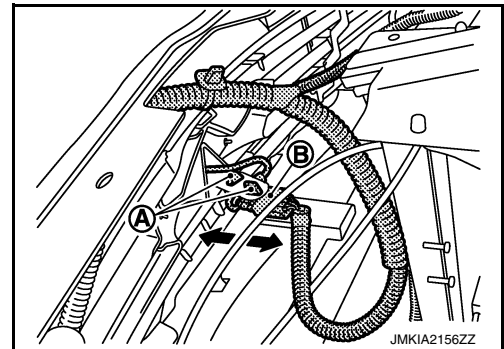


4. Pull front grille (1) horizontally toward vehicle front, and then remove front grille.

 : Pawl



5. Remove front camera harness clips (A) (if equipped).
6. Disconnect front camera harness connector (B) (if equipped).



7. Remove the following parts after removing front grille.
 - Front camera (if equipped). Refer to [AV-512, "Removal and Installation"](#).
 - Front emblem.

INSTALLATION

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

CAUTION:

Perform camera image calibration. Refer to [AV-390, "CALIBRATING CAMERA IMAGE \(AROUND VIEW MONITOR\) : Description"](#).

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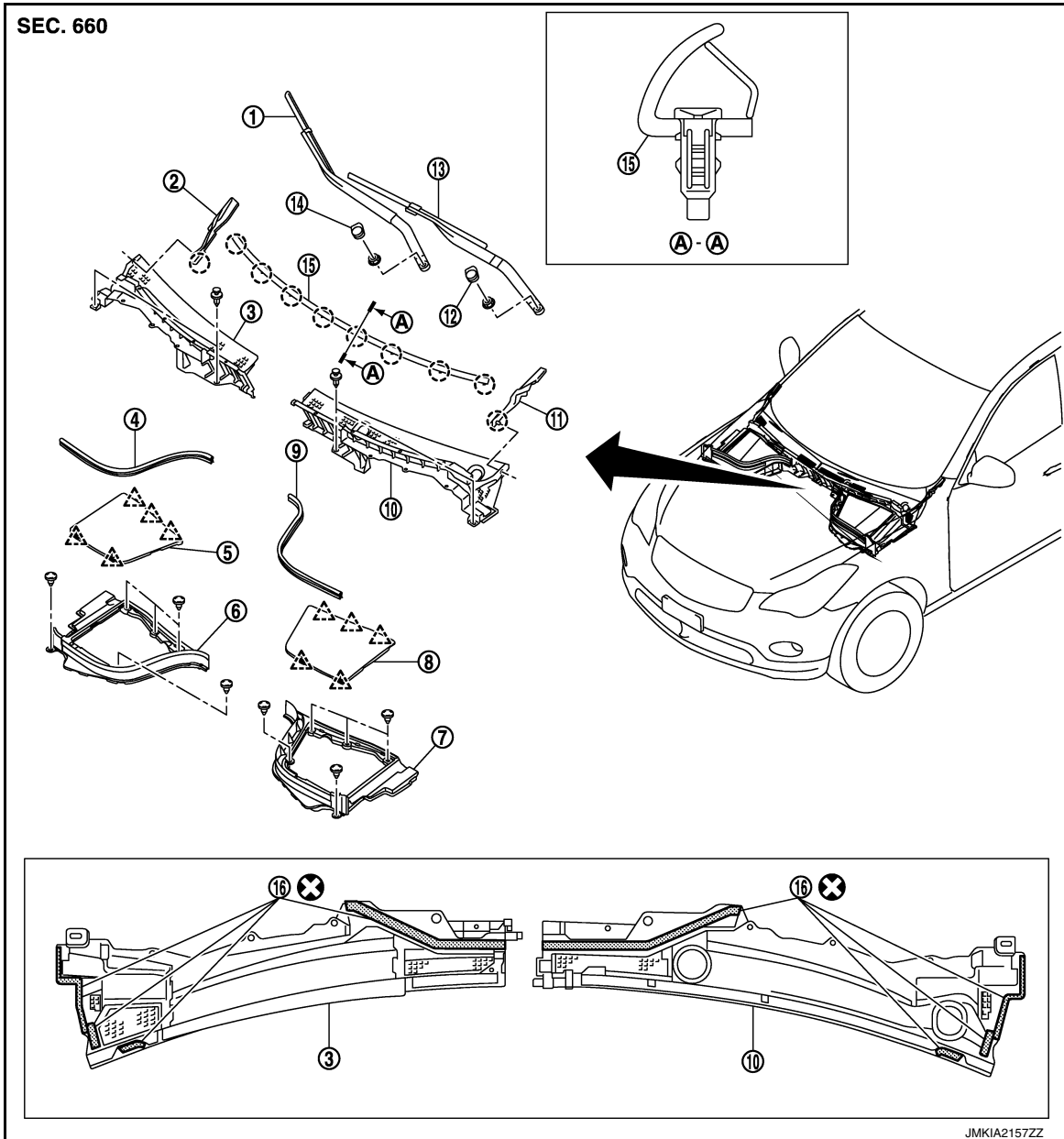
COWL TOP

< REMOVAL AND INSTALLATION >

COWL TOP

Exploded View

INFOID:000000012170179



- | | | |
|--------------------------------|--------------------------------|------------------------------|
| 1. Front wiper arm & blade RH | 2. Front fender cover RH | 3. Cowl top cover RH |
| 4. Cowl top cover seal RH | 5. Battery cover | 6. Hoodledge cover RH |
| 7. Hoodledge cover LH | 8. Brake master cylinder cover | 9. Cowl top cover seal LH |
| 10. Cowl top cover LH | 11. Front fender cover LH | 12. Front wiper arm cover LH |
| 13. Front wiper arm & blade LH | 14. Front wiper arm cover RH | 15. Cowl top seal |
| 16. EPT sealer | | |

○ : Clip

△ : Pawl

⊗ : Always replace after every disassembly.

COWL TOP


< REMOVAL AND INSTALLATION >

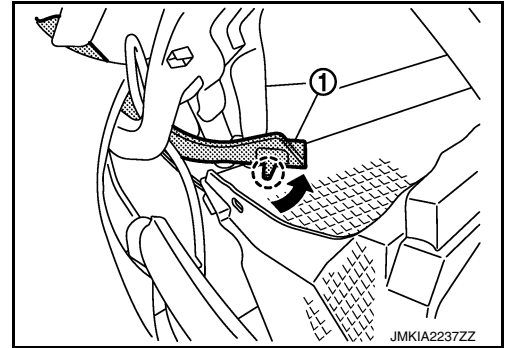
Removal and Installation

INFOID:000000012170180

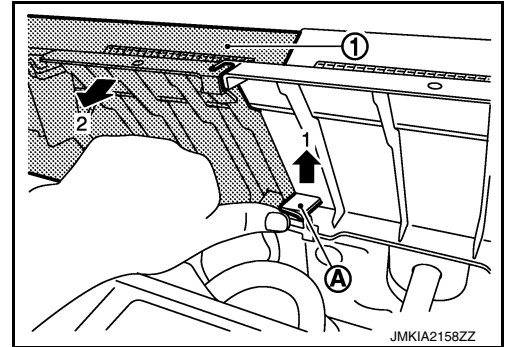
REMOVAL

1. Fully open hood assembly.
2. Remove front wiper arm (LH/RH) from vehicle. Refer to [WW-119, "Removal and Installation"](#).
3. Remove battery cover and brake master cylinder cover.
4. Remove cowl top cover seal (LH/RH).
5. Remove hoodledge cover mounting clips and then remove hoodledge cover (LH/RH).
6. Remove front fender cover (1) fixing clips (LH/RH).

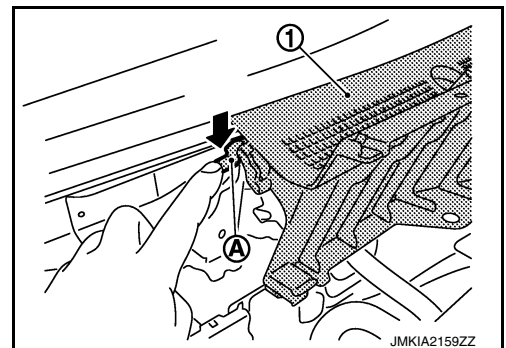
 : Clip



7. Remove cowl top seal fixing clips with remover tool, and then remove cowl top seal.
8. Remove cowl top cover fixing clips.
9. Pull up plastic pawl (A) to remove cowl top cover RH (1) as shown in the figure.



10. Push plastic pawl (A) as shown by the arrow in the figure to remove cowl top cover LH (1).



INSTALLATION

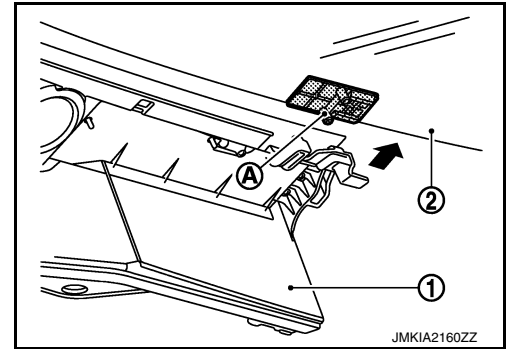
Note the following items, and then install in the reverse order of removal.

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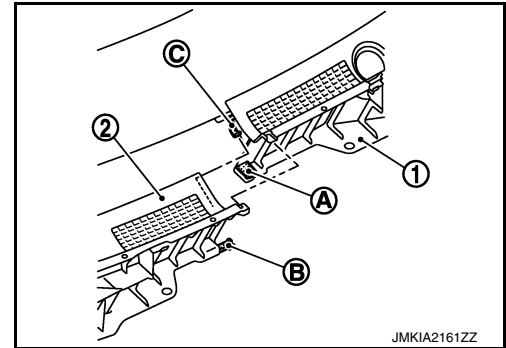
COWL TOP

< REMOVAL AND INSTALLATION >

- Install cowl top cover LH (1) with (A) [pin from front windshield glass(2)] aligned with concave part.



- Slide the pawl while aligning with the concave part of (C).
- Engage the joint of plastic pawl of (A) with (B), and then assemble cowl top covers LH (1) and RH (2).



CAUTION:

- Always replace cowl top cover EPT sealer on rear of vehicle with a new one when installing old cowl top cover.
- After installing, perform adjustment of wiper arm. Refer to [WW-119. "Adjustment"](#).

FENDER PROTECTOR

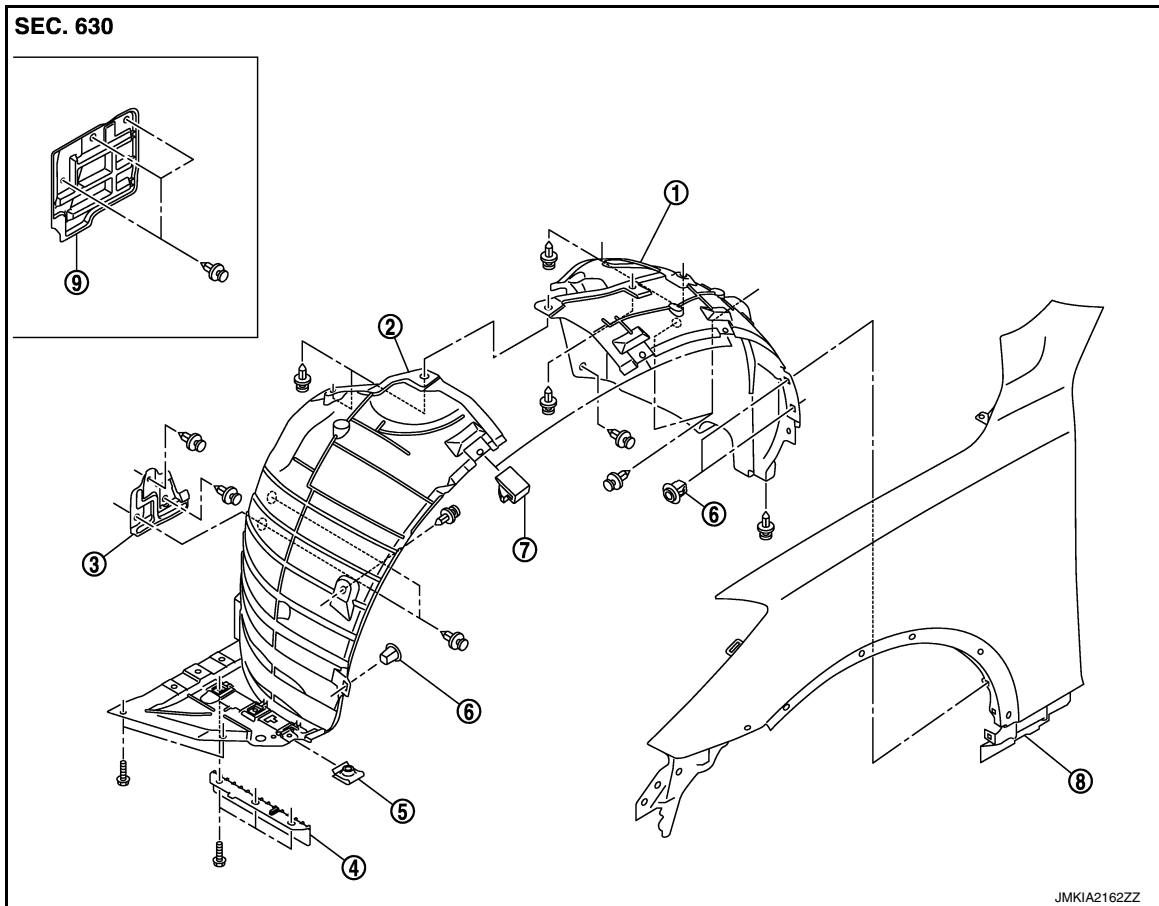
< REMOVAL AND INSTALLATION >

FENDER PROTECTOR

FENDER PROTECTOR

FENDER PROTECTOR : Exploded View

INFOID:000000012170181



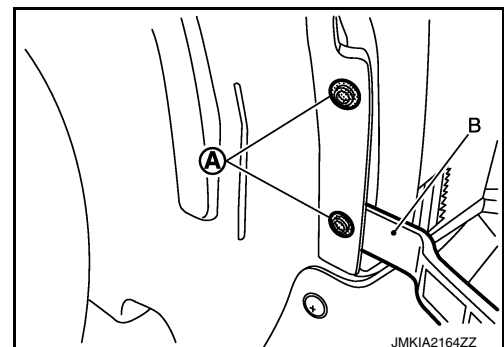
- | | | |
|----------------------------|-----------------------------|-----------------------|
| 1. Fender protector (rear) | 2. Fender protector (front) | 3. Splash guard (2WD) |
| 4. Air guide (AWD) | 5. J-nut | 6. Grommet |
| 7. Fender clip | 8. Front fender | 9. Splash guard (AWD) |

FENDER PROTECTOR : Removal and Installation

INFOID:000000012170182

REMOVAL

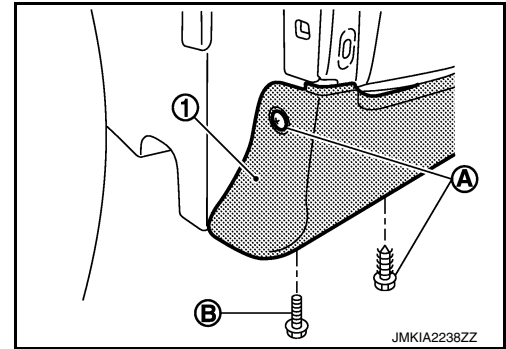
1. Remove front fillet molding. Refer to [EXT-33. "FRONT FILLET MOLDING : Removal and Installation"](#).
2. Remove front fender (rear) fixing grommets (A) with remover tool (B).



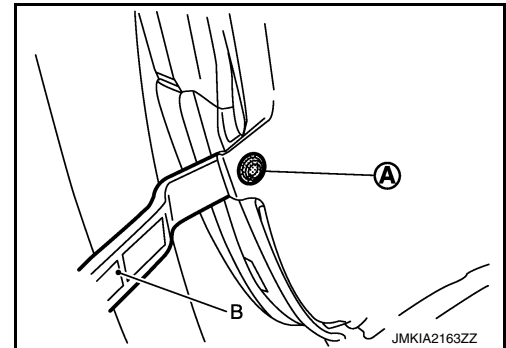
FENDER PROTECTOR

< REMOVAL AND INSTALLATION >

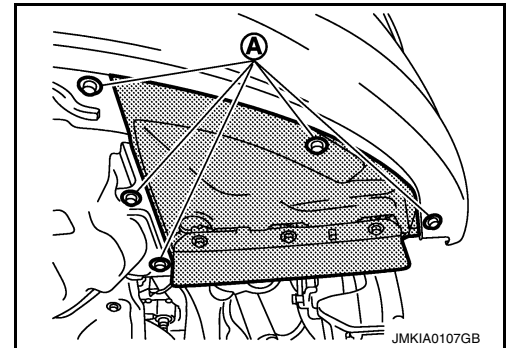
3. Remove center mudguard (1) fixing screws (A).
4. Remove center mudguard fixing bolt (B).



5. Remove clips of fender protector (rear).
6. Remove fender clip from wheel house arches, and then remove fender protector (rear) from wheel house.
7. Remove front fender (front) fixing grommet (A) with remover tool (B).



8. Remove fender protector (front) fixing bolts (A).



9. Remove fender protector (front) mounting clips.
10. Remove fender clip from wheel house arches, and then remove fender protector (front) from wheel house.
11. Remove the following parts after removing front fender protector.
 - Air guide
 - Fender clip

INSTALLATION

Install in the reverse order of removal.

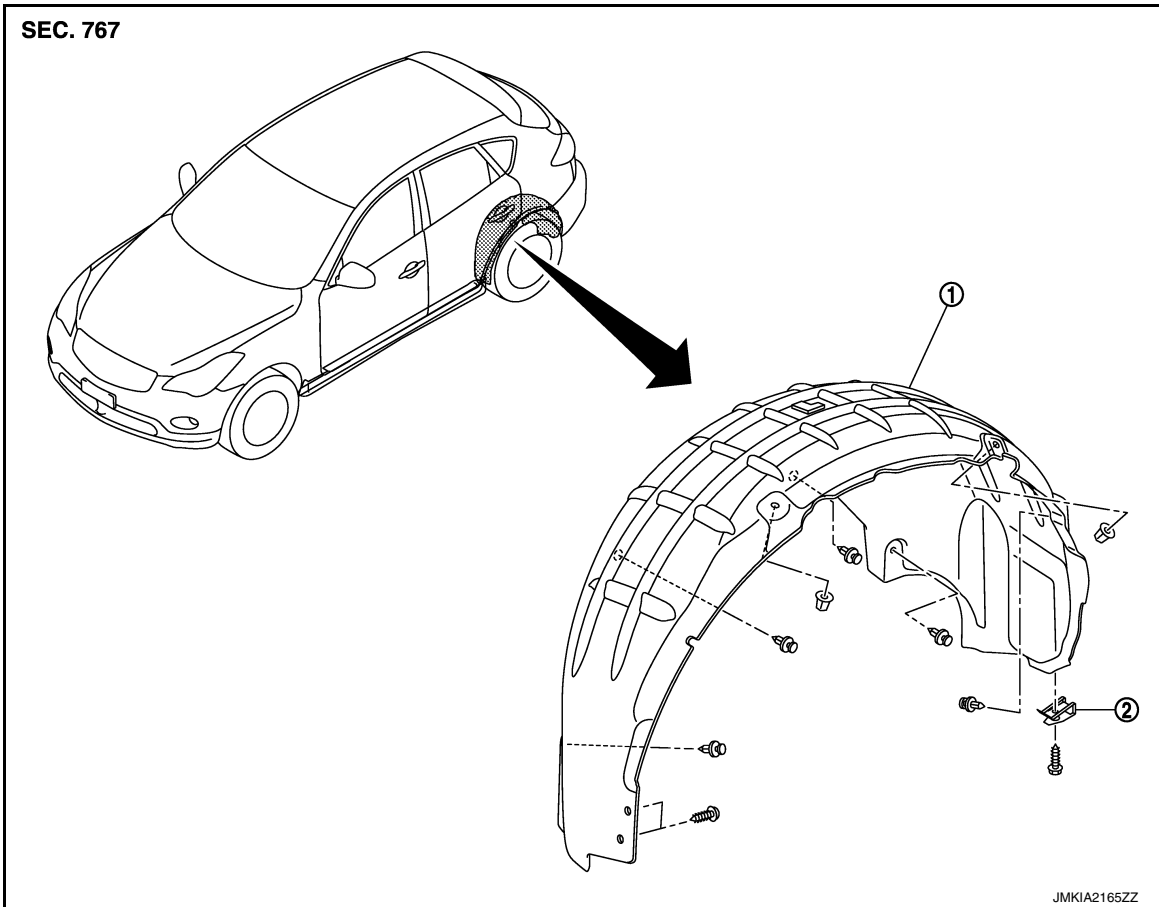
REAR WHEEL HOUSE PROTECTOR

FENDER PROTECTOR

< REMOVAL AND INSTALLATION >

REAR WHEEL HOUSE PROTECTOR : Exploded View

INFOID:000000012170183



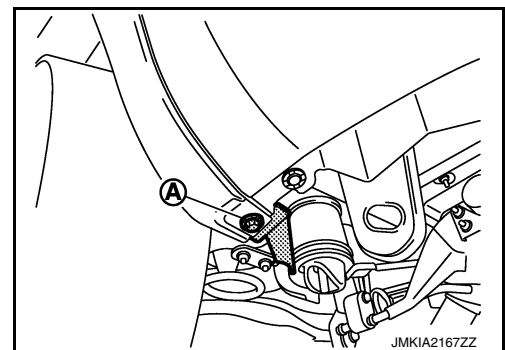
1. Rear wheel house protector 2. Spring nut

REAR WHEEL HOUSE PROTECTOR : Removal and Installation

INFOID:000000012170184

REMOVAL

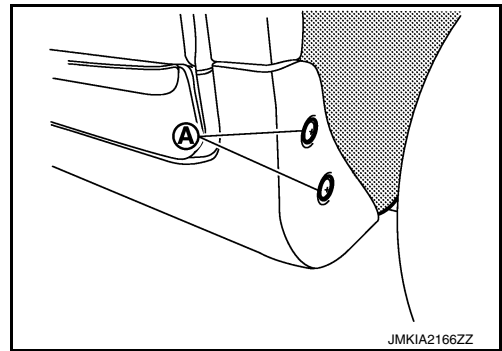
1. Remove bolt (A) of rear wheel house protector rear end.



FENDER PROTECTOR

< REMOVAL AND INSTALLATION >

2. Remove screws (A) of rear wheel house protector located on center mud guard.



3. Remove rear wheel house protector fixing clips and nuts and then remove rear wheel house protector.

INSTALLATION

Install in the reverse order of removal.

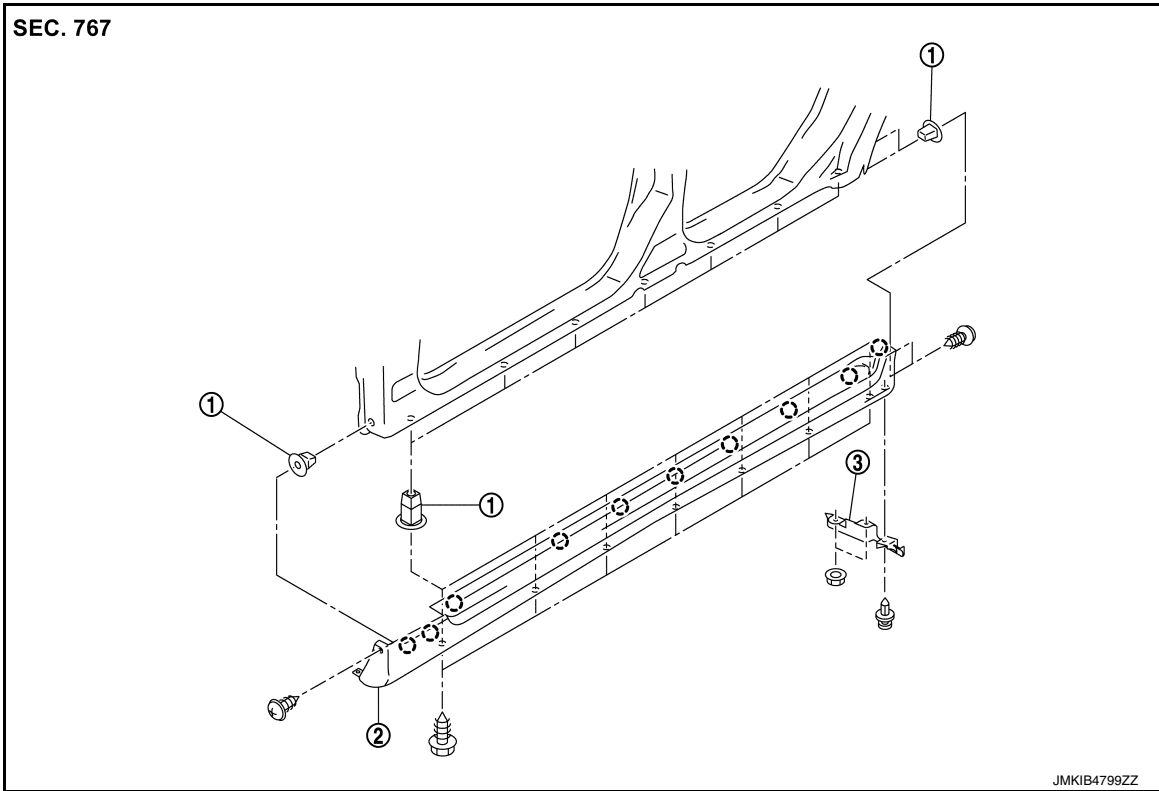
CENTER MUD GUARD

< REMOVAL AND INSTALLATION >

CENTER MUD GUARD

Exploded View

INFOID:000000012746326



1. Grommet

2. Center mud guard

3. Wind deflector

⊖ : Clip

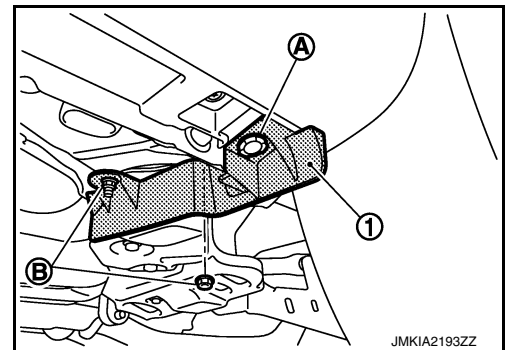
Removal and Installation

INFOID:000000012746327

EXT

REMOVAL

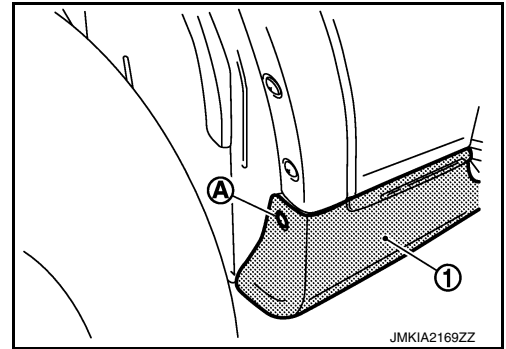
1. Remove wind deflector (1) fixing clip (A) and mounting nuts (B), then remove wind deflector.



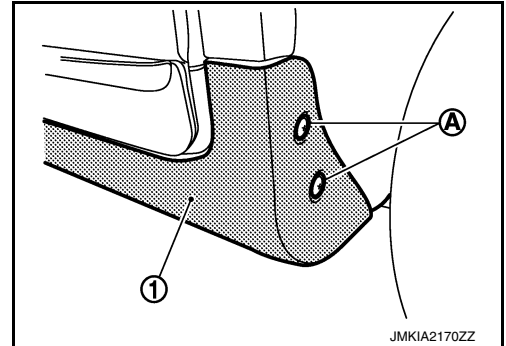
CENTER MUD GUARD

< REMOVAL AND INSTALLATION >

2. Remove fixing screw (A) of center mud guard (1) front end.




3. Remove fixing screws (A) of center mud guard (1) rear end.

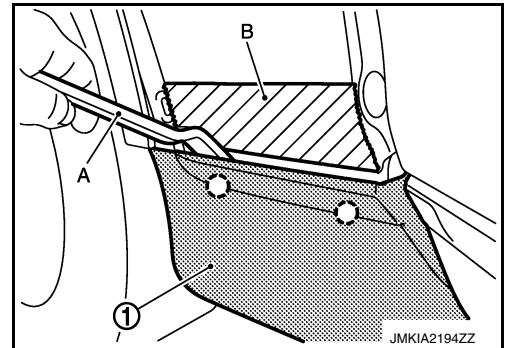


4. Remove mounting bolt and fixing screws of center mud guard underside.
5. Fully open front door and rear door.
6. Remove fixing clips from back of center mud guard (1) using a remover tool (A).

CAUTION:

Apply protective tape (B) around the center mud guard.

 : Clip



7. Remove center mud guard from body side.

INSTALLATION

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

CAUTION:

When installing center mud guard, make sure that clips are securely fitted in panel holes on body, and then press them in.

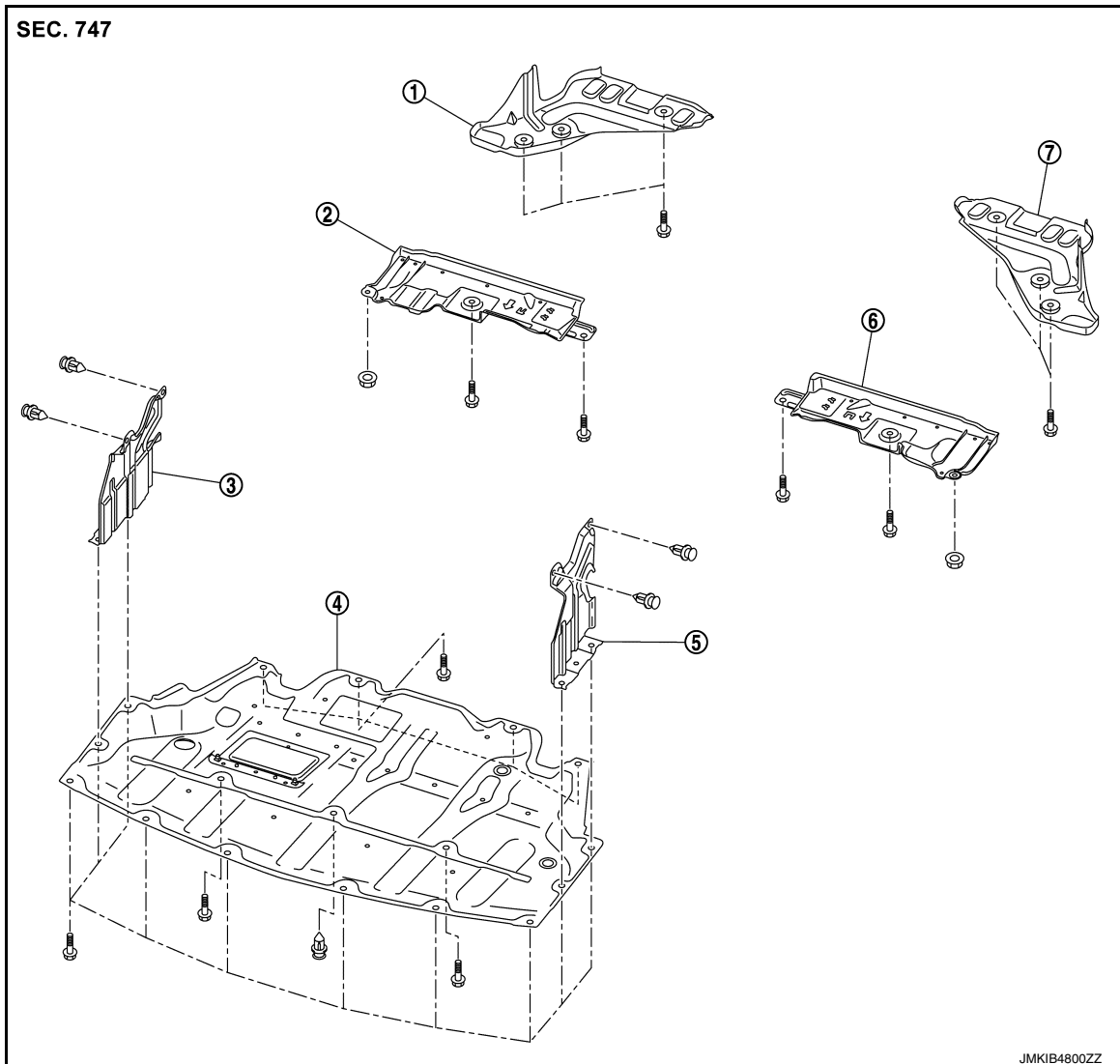
FLOOR SIDE FAIRING

< REMOVAL AND INSTALLATION >

FLOOR SIDE FAIRING

Exploded View

INFOID:000000012746328



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|------------------------------|------------------------------|------------------------------|
| 1. Rear under cover RH (AWD) | 2. Floor under cover RH | 3. Front under side cover RH |
| 4. Engine lower cover | 5. Front under side cover LH | 6. Floor under cover LH |
| 7. Rear under cover LH (AWD) | | |

Removal and Installation

INFOID:000000012746329

REMOVAL

Engine Lower Cover

1. Remove engine lower cover fixing clip.
2. Remove engine lower cover mounting bolts.
3. Remove engine lower cover.

Front Under Side Cover

1. Remove engine lower cover.
2. Remove front under side cover fixing clips (LH/RH).
3. Remove front under side cover (LH/RH).

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FLOOR SIDE FAIRING

< REMOVAL AND INSTALLATION >

Floor Under Cover

1. Remove floor under cover mounting bolts and nut (LH/RH).
2. Remove floor under cover (LH/RH).

Rear Under Cover (AWD)

1. Remove rear under cover mounting bolts (LH/RH).
2. Remove rear under cover (LH/RH).

INSTALLATION

Install in the reverse order of removal.

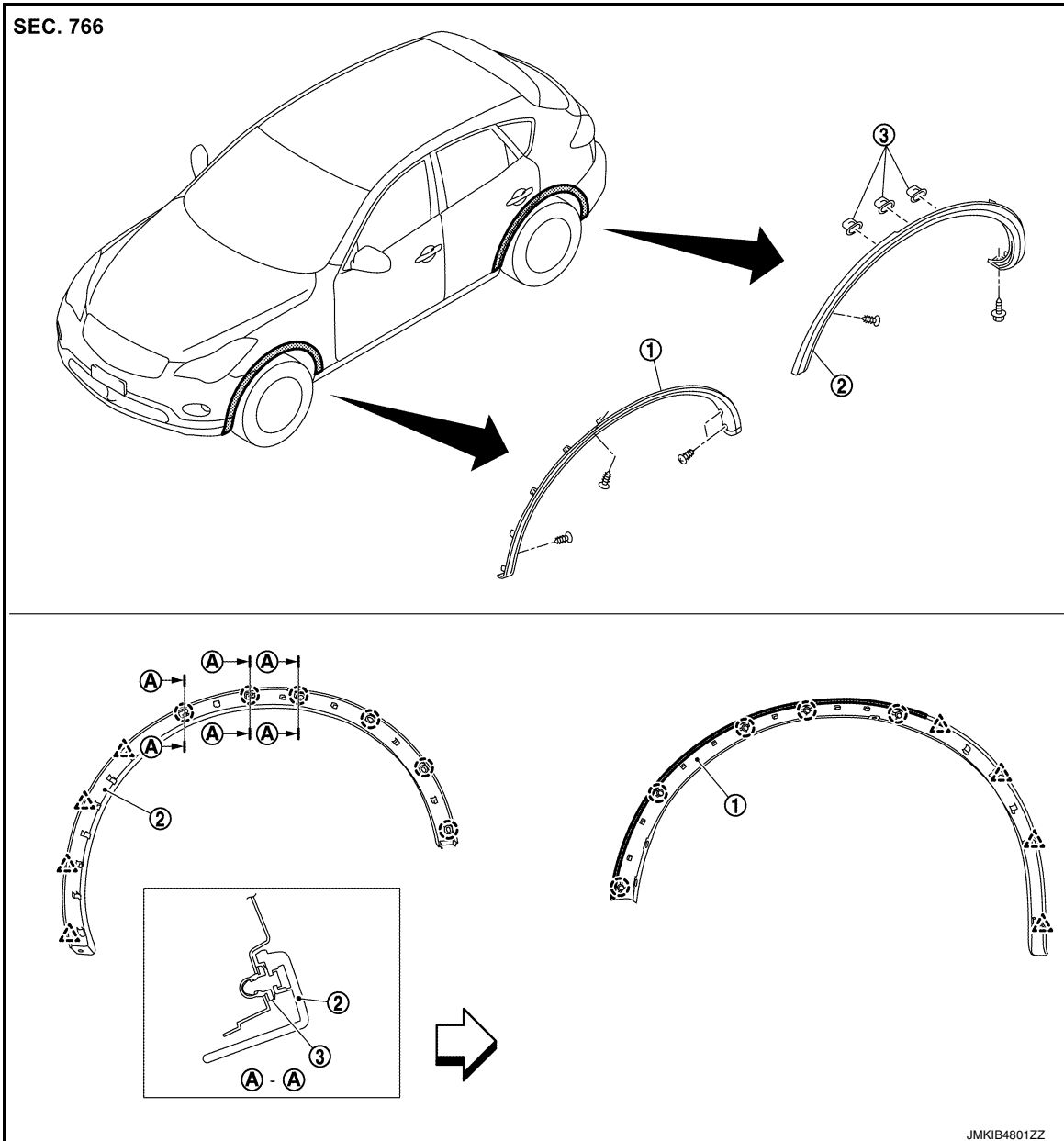
FILLET MOLDING

< REMOVAL AND INSTALLATION >

FILLET MOLDING

Exploded View

INFOID:000000012746330



1. Front fillet molding

2. Rear fillet molding

3. Grommet

○ : Clip

△ : Pawl

⇐ : Vehicle front

FRONT FILLET MOLDING

FRONT FILLET MOLDING : Removal and Installation

INFOID:000000012746331

REMOVAL


1. Remove front fillet molding fixing screws.

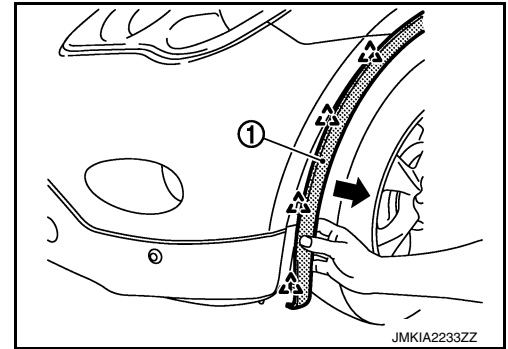
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FILLET MOLDING

< REMOVAL AND INSTALLATION >

- Disengage the pawls from the front fillet molding (1) frontal part.


 : Pawl

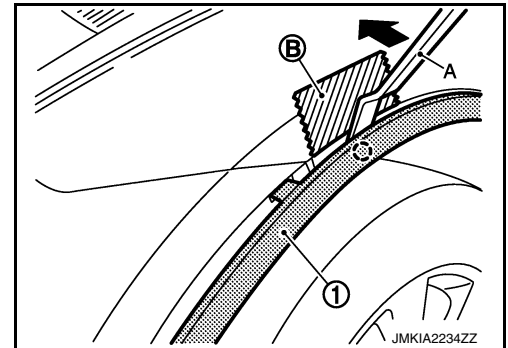


- Using a remover tool (A), disengage the clips from the front fillet molding (1) by starting from the front.

CAUTION:

- Apply a protective tape (B) on the body to protect the painted surface from damage.
- Disengage the clips slowly and carefully.
- Never pull the front fillet molding (1) strongly.

 : Clip



INSTALLATION

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

CAUTION:

- When installing, check visually the fillet molding and the clips, then replace them with new parts if they have been damaged.
- When installing fillet molding, check that blind clips are securely fitted in panel holes on body, and then press them in.


REAR FILLET MOLDING

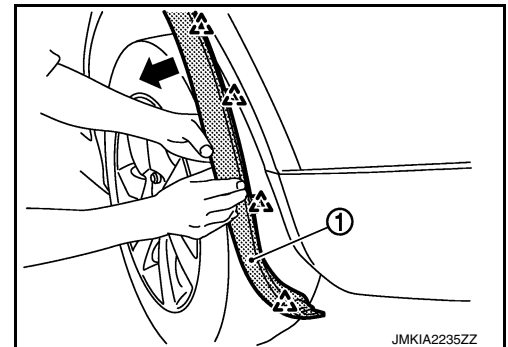
REAR FILLET MOLDING : Removal and Installation

INFOID:000000012746759

REMOVAL

- Remove rear fillet molding fixing screws.
- Disengage the pawls from the rear fillet molding (1) rear side.

 : Pawl




FILLET MOLDING

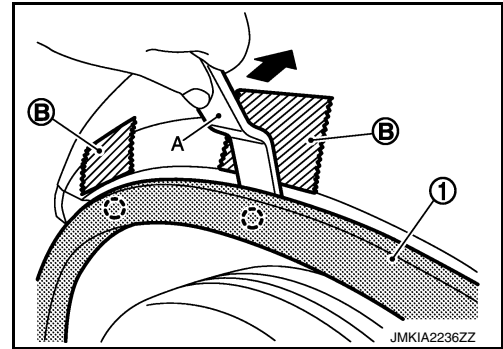
< REMOVAL AND INSTALLATION >

3. Using a remover tool (A), disengage the clips from the rear fillet molding (1) by starting from the rear.

CAUTION:

- Apply a protective tape (B) on the body to protect the painted surface from damage.
- Disengage the clips slowly and carefully.
- Never pull the rear fillet molding (1) strongly.

 : Clip



INSTALLATION

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

CAUTION:

- When installing, check visually the fillet molding and the clips, then replace them with new parts if they have been damaged.
- When installing fillet molding, check that blind clips are securely fitted in panel holes on body, and then press them in.

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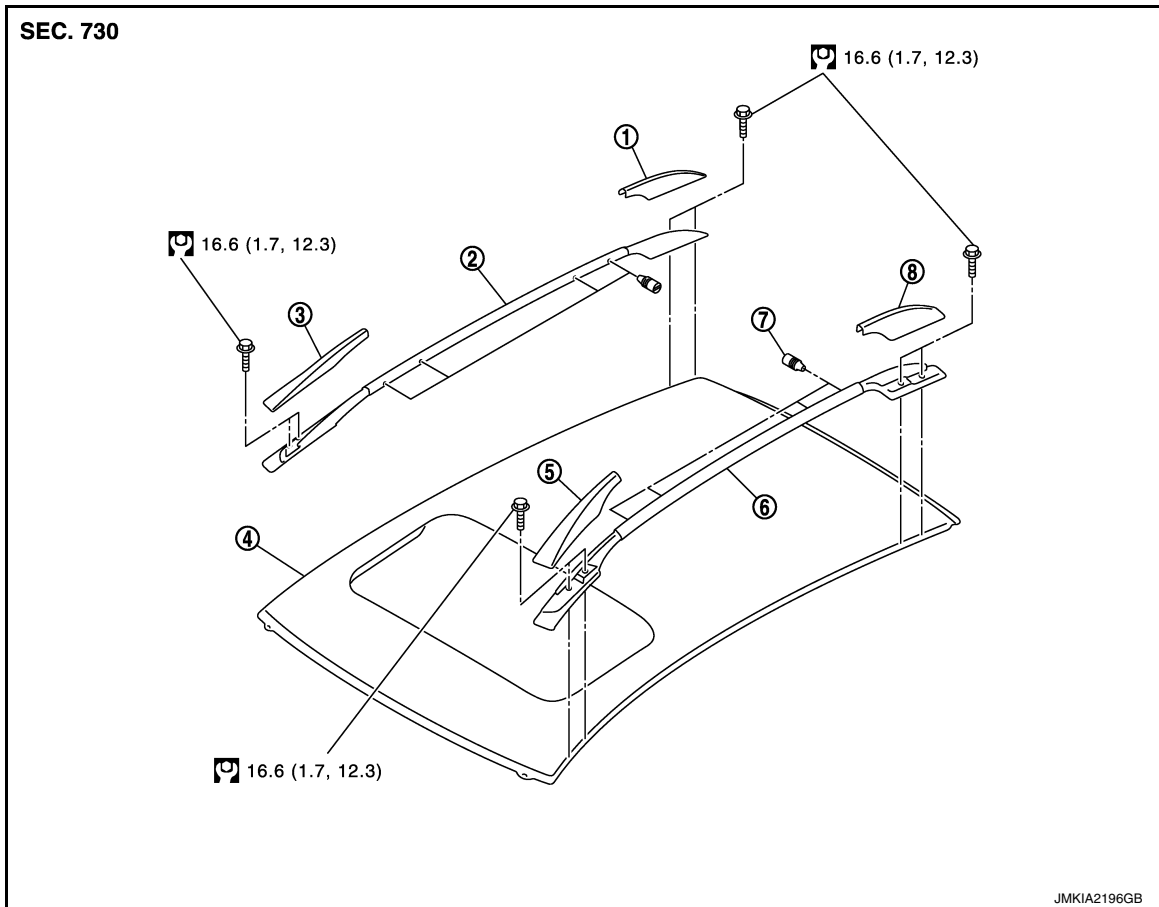
ROOF RAIL

< REMOVAL AND INSTALLATION >


ROOF RAIL

Exploded View

INFOID:000000012170191



- | | | |
|----------------------------|-----------------------------|-----------------------------|
| 1. Rear roof rail cover RH | 2. Roof rail assembly RH | 3. Front roof rail cover RH |
| 4. Roof panel | 5. Front roof rail cover LH | 6. Roof rail assembly LH |
| 7. Roof rack cap | 8. Rear roof rail cover LH | |

 : N-m (kg-m, ft-lb)

Removal and Installation


INFOID:000000012170192

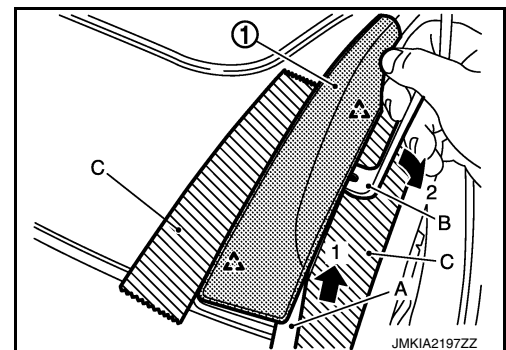
REMOVAL

1. Insert a remover tool (A) into front space.
2. Remove front roof rail cover (1) outside pawls with remover tool (B).

CAUTION:

Apply protective tape (C) around the roof rail.


 : Pawl

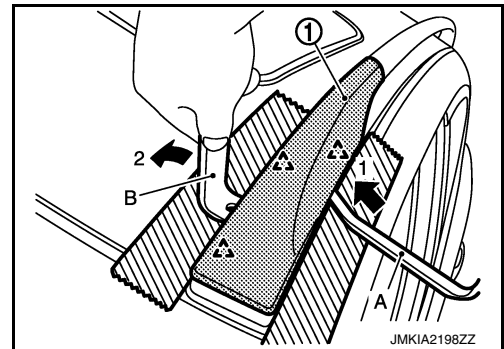


ROOF RAIL

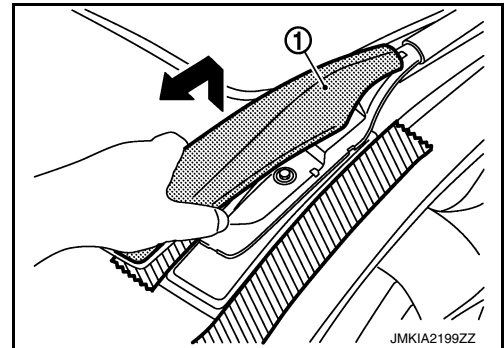
< REMOVAL AND INSTALLATION >

3. Insert a remover tool (A) into outside space.
4. Remove front roof rail cover (1) inside pawls with remover tool (B).

 : Pawl




5. Pull front roof rail cover (1) toward the arrow direction.

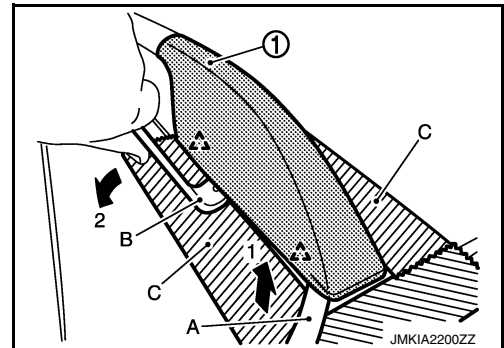


6. Insert a remover tool (A) into rear space.
7. Remove rear roof rail cover (1) outside pawls with remover tool (B).


CAUTION:

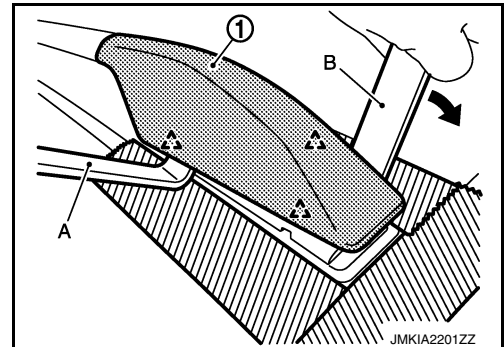
Apply protective tape (C) around the roof rail.

 : Pawl

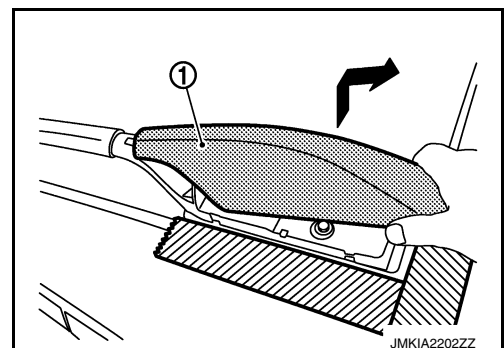


8. Insert a remover tool (A) into outside space.
9. Remove rear roof rail cover (1) inside pawls with remover tool (B).

 : Pawl



10. Pull rear roof rail cover (1) toward the arrow direction.



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ROOF RAIL

< REMOVAL AND INSTALLATION >

11. Remove roof rail assembly mounting bolts, and then remove roof rail assembly.

INSTALLATION

Install in the reverse order of removal.

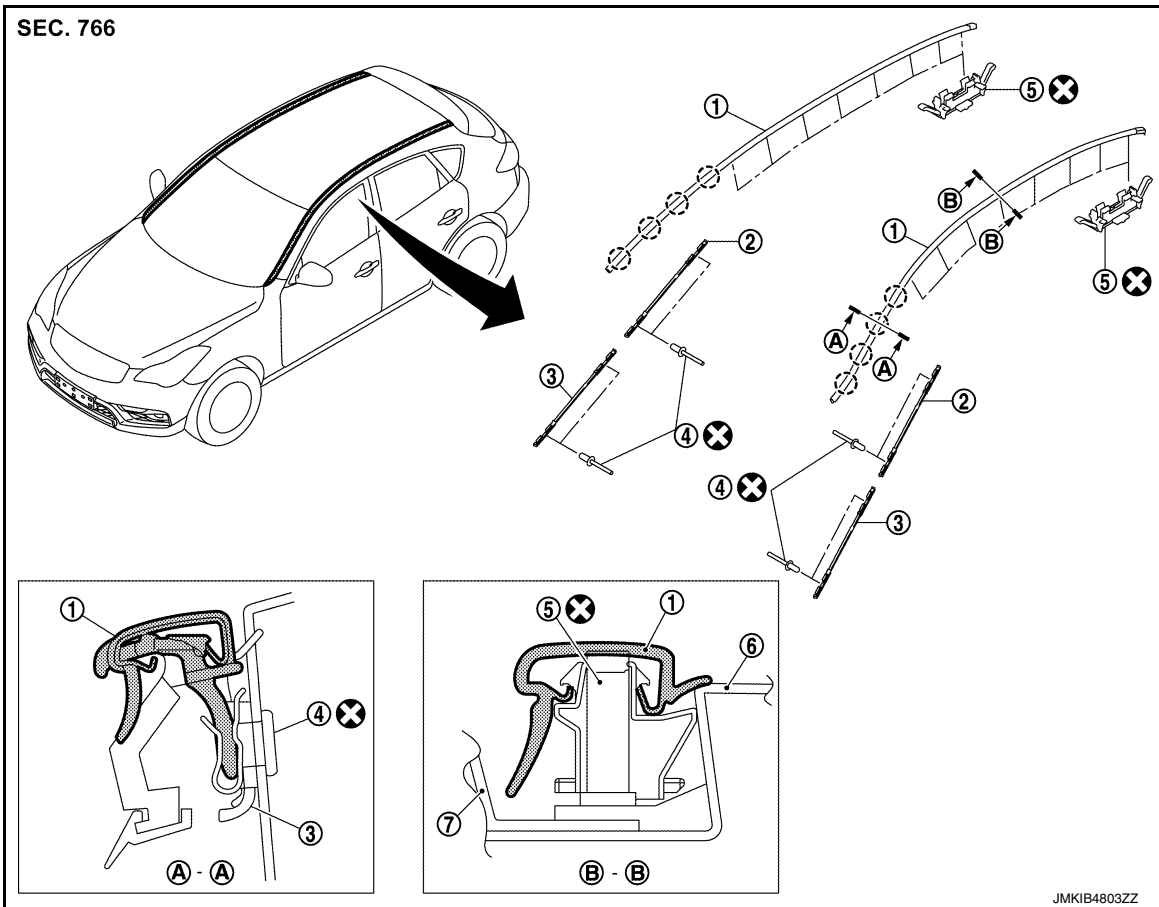
ROOF SIDE MOLDING

< REMOVAL AND INSTALLATION >

ROOF SIDE MOLDING

Exploded View

INFOID:000000012746760



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|----------------------|-----------------------------|-----------------------------|
| 1. Roof side molding | 2. Molding fastener (upper) | 3. Molding fastener (lower) |
| 4. Rivet | 5. Roof side molding clip | 6. Body side panel |
| 7. Roof panel | | |

○ : Clip

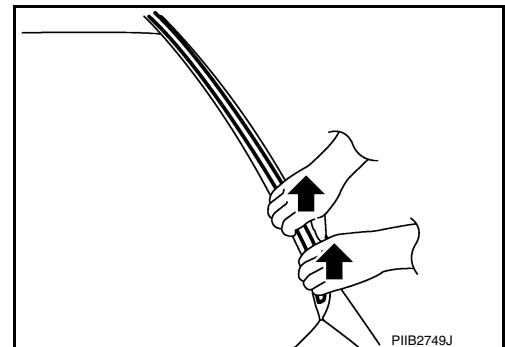
⊗ : Always replace after every disassembly.

Removal and Installation

INFOID:000000012746761

REMOVAL

1. Remove front fender cover (LH/RH). Refer to [EXT-22, "Exploded View"](#).
2. Disengage clips while pinching molding from roof rear end to front end.



INSTALLATION

Revision: July 2016

EXT-39

2016 QX50

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ROOF SIDE MOLDING

< REMOVAL AND INSTALLATION >

Install from roof side molding rear end to front end in this order after temporarily holding.

REMOVAL AND INSTALLATION OF ROOF SIDE MOLDING CLIP

Removal

1. Remove roof side molding.
2. Heat adhesive tape interface using a dryer, and then peel roof side molding clips (body side) using a long-nose pliers.

CAUTION:

Never damage the body.

Installation

1. Clean tape removed surface with a shop cloth soaked in white gasoline or IPA.
2. Use two-part epoxy adhesive.

Adhesive : 3M-weld DP-100 or equivalent

3. Apply adhesive evenly to clip tape surface.

Thickness : Approximately 0.5 mm (0.020 in)

4. Position applied parts to the proper location, and then sufficiently press-fit until the adhesive protrudes to tape side.

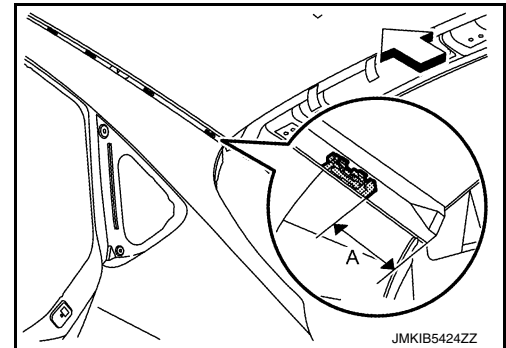
Press-fit limit : 19.6 N (2.0 Kg - 4.41 lb) × 2 seconds

NOTE:

The rearmost roof side molding clip must be attached to the position as shown in the figure.

← : Vehicle front

A : 43.3 – 45.3 mm (1.705 – 1.783 in)



5. Tape clips after press fit, and temporarily hold it for specified time based on the following.

5 to 10°C (41 to 50°F) : 1 hour or more

11 to 23°C (52 to 73°F) : 30 minutes or more

24°C or more (75°F or more) : 15 minutes or more

6. Install from roof side molding rear end to front end in this order after temporarily holding.

CAUTION:

- Use double-sided tape after hardening for clips.
- Securely insert molding rear end cap onto roof rear end cutout (installation standard).
- When installing roof side molding of windshield portion, check that molding fastener is securely inserted and then press in.
- Never wash the vehicle within 24 hours so as to keep adhesive.

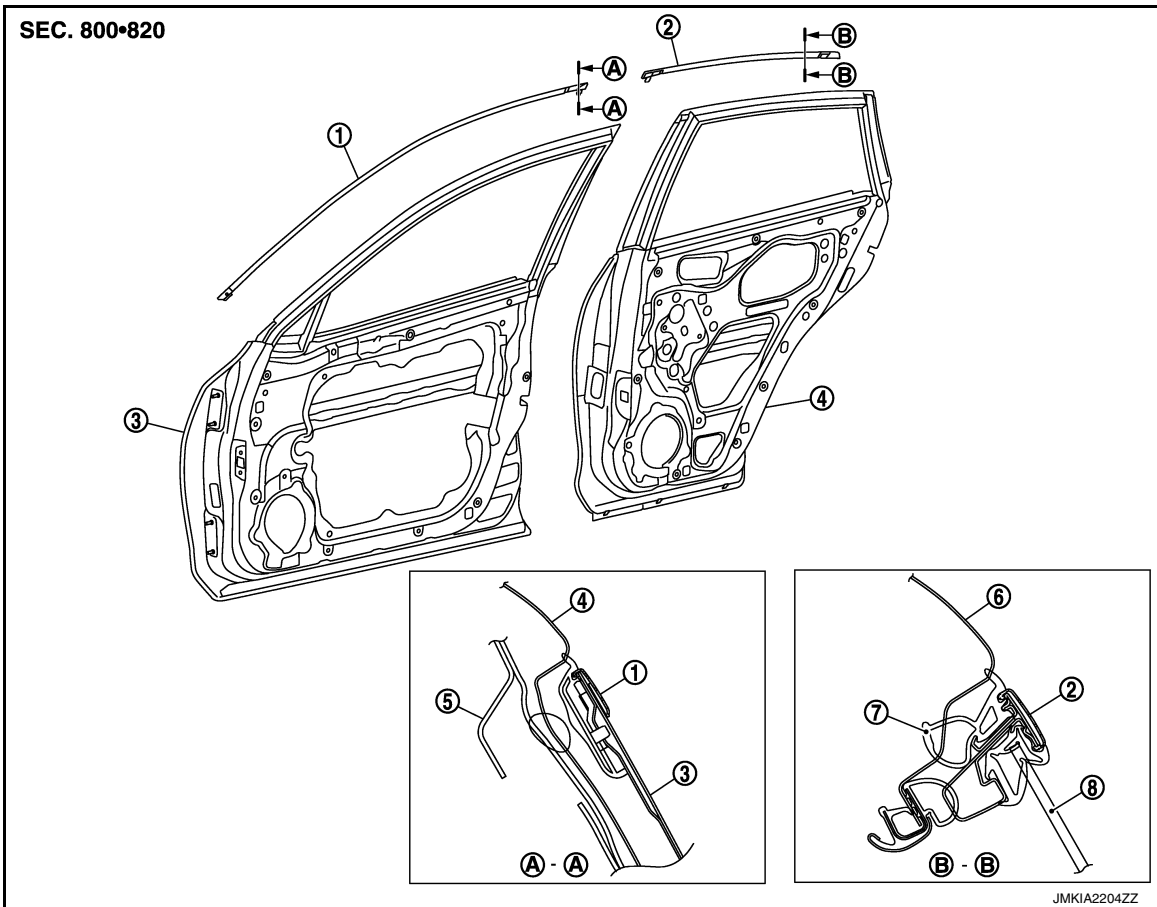
DOOR SASH MOLDING

< REMOVAL AND INSTALLATION >

DOOR SASH MOLDING

Exploded View

INFOID:000000012170195



- | | | |
|----------------------------|---------------------------|---------------------|
| 1. Front door sash molding | 2. Rear door sash molding | 3. Front door panel |
| 4. Rear door panel | 5. Roof rail side outer | 6. Body side outer |
| 7. Rear door weather strip | 8. Rear door glass | |

Removal and Installation

INFOID:000000012170196

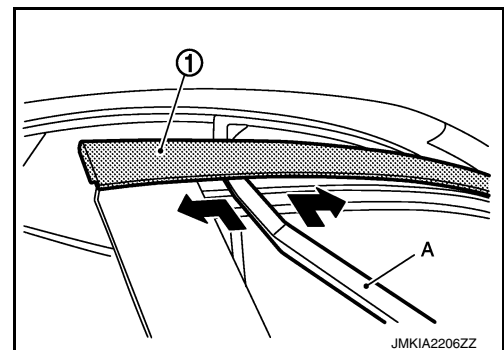
REMOVAL

Front Door Sash Molding

1. Remove door mirror assembly. Refer to [MIR-126, "DOOR MIRROR ASSEMBLY : Removal and Installation"](#) (with ADP) or [MIR-156, "DOOR MIRROR ASSEMBLY : Removal and Installation"](#) (without ADP).
2. Remove front door weather strip.
3. Release roof portion of glass run.
4. Remove front door sash molding (1) connection between door panel and molding from glass run side, using a remover tool (A).

CAUTION:

Never use a material for remover tool (A) which could damage door panel.



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DOOR SASH MOLDING

< REMOVAL AND INSTALLATION >

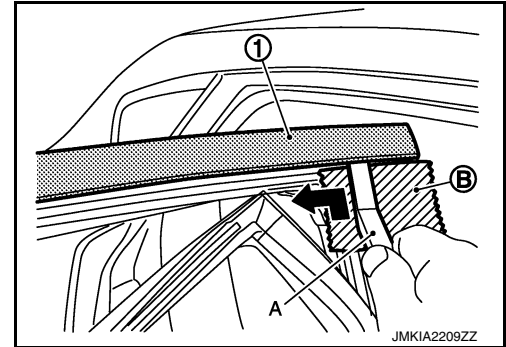
5. Remove front door sash molding.

Rear Door Sash Molding

1. Remove rear door weather-strip.
2. Release roof portion of glass run.
3. Remove rear door sash molding (1) connection between door panel and molding from glass run side, using a remover tool (A).

CAUTION:

- Apply protection tape (B) around the door sash.
- Never use a material for remover tool (A) which could damage door panel.



4. Remove rear door sash molding.

INSTALLATION

Install in the reverse order of removal.

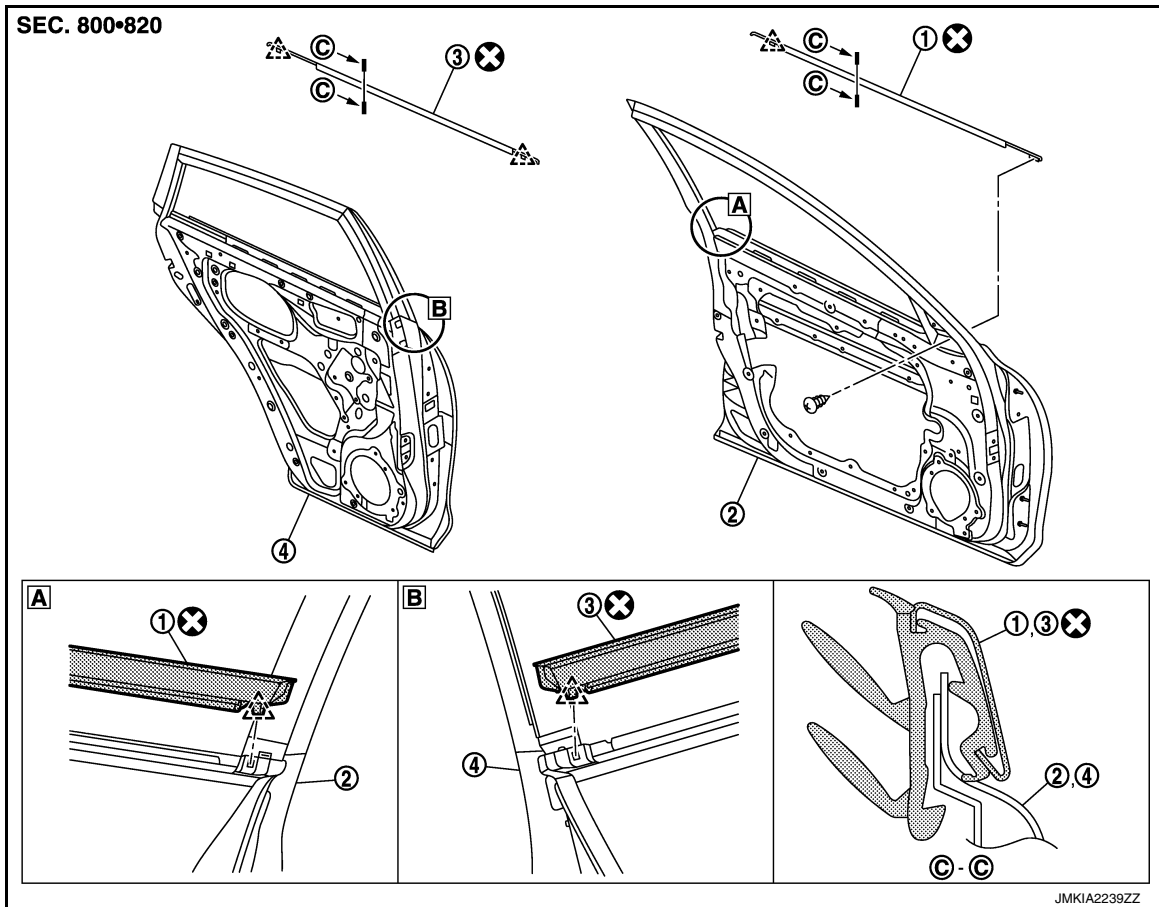
DOOR OUTSIDE MOLDING

< REMOVAL AND INSTALLATION >

DOOR OUTSIDE MOLDING


Exploded View


INFOID:000000012170197



1. Front door outside molding 2. Front door panel 3. Rear door outside molding

4. Rear door panel

 : Pawl

 : Always replace after every disassembly.

Removal and Installation

INFOID:000000012170198

REMOVAL

Front Door Outside Molding

- Remove front door finisher.
 - Driver side: Refer to [INT-12. "DRIVER SIDE : Removal and Installation"](#).
 - Passenger side: Refer to [INT-15. "PASSENGER SIDE : Removal and Installation"](#).
- Remove door mirror assembly. Refer to [MIR-126. "DOOR MIRROR ASSEMBLY : Removal and Installation"](#) (with ADP) or [MIR-156. "DOOR MIRROR ASSEMBLY : Removal and Installation"](#) (without ADP).

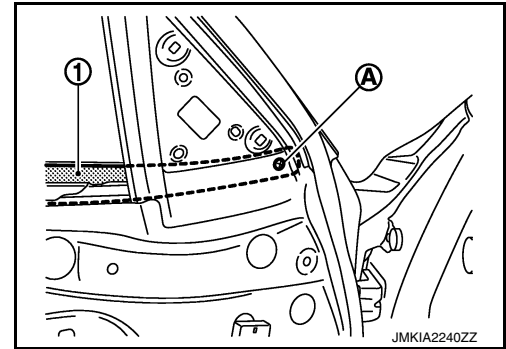
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DOOR OUTSIDE MOLDING

< REMOVAL AND INSTALLATION >

3. Remove front door outside molding (1) fixing screw (A).

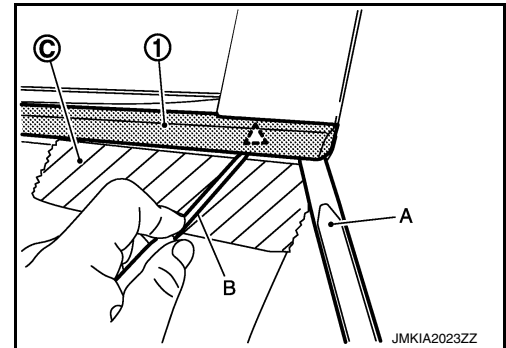


4. Insert a remover tool (A) into lower space.
5. Disengage pawls of fixing front door outside molding (1) with flat blade screw driver (B).

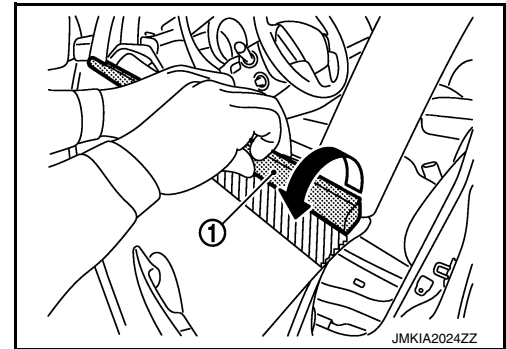
 : Pawl

CAUTION:

Apply protection tape (C) around outer circumference of front door.




6. Twist and pull up to upper side, and then remove front door outside molding (1).



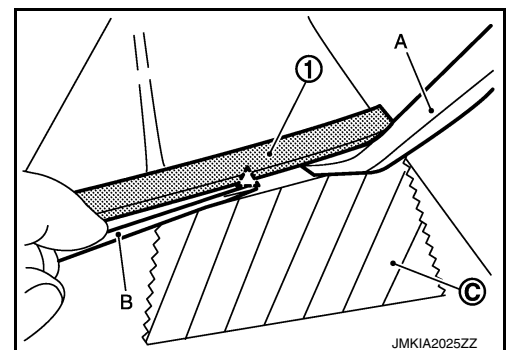
Rear Door Outside Molding

1. Fully open door window.
2. Insert a remover tool (A) into lower space.
3. Disengage pawls of fixing rear door outside molding (1) with flat blade screw driver (B).

 : Pawl

CAUTION:

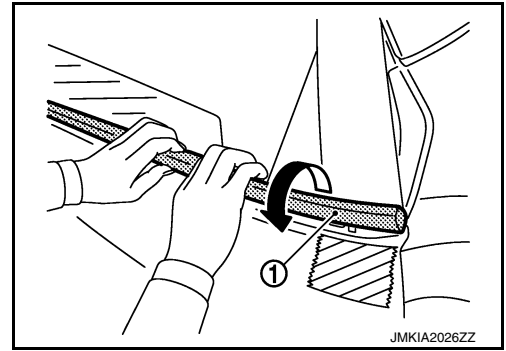
Apply protection tape (C) around outer circumference of rear door.



DOOR OUTSIDE MOLDING

< REMOVAL AND INSTALLATION >

4. Twist and pull up to upper side, and then remove rear door outside molding (1).



INSTALLATION

Install in the reverse order of removal.

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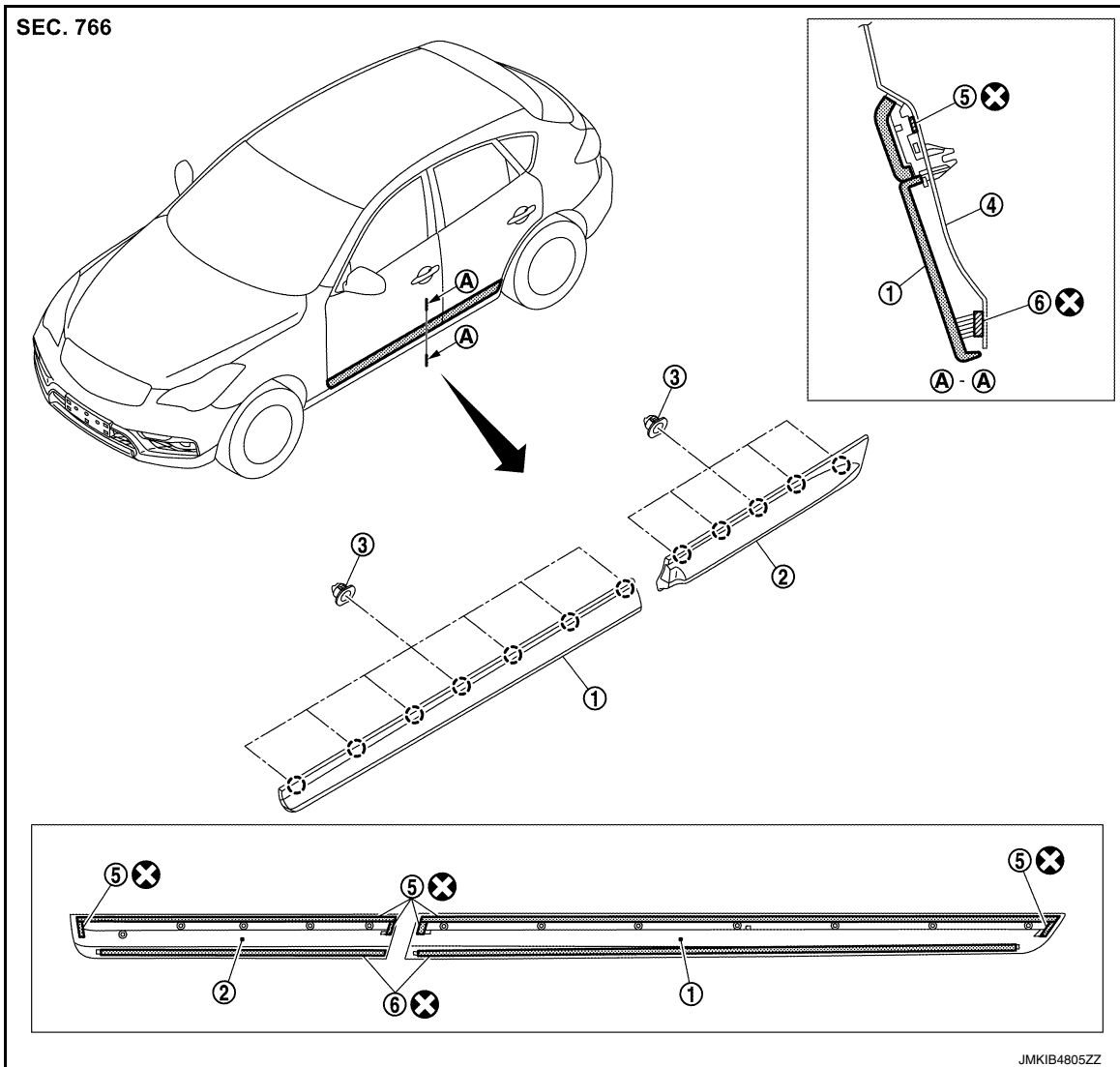
DOOR OUTSIDE LOWER MOLDING

< REMOVAL AND INSTALLATION >

DOOR OUTSIDE LOWER MOLDING

Exploded View

INFOID:000000012748616



- | | | |
|-------------------------------------|------------------------------------------------|------------------------------------------------|
| 1. Front door outside lower molding | 2. Rear door outside lower molding | 3. Grommet |
| 4. Front door panel | 5. Double-sided tape
[t: 1.2 mm (0.047 in)] | 6. Double-sided tape
[t: 2.5 mm (0.098 in)] |

○ : Clip

⊗ : Always replace after every disassembly.

Removal and Installation

INFOID:000000012748617

REMOVAL

Front Door Outside Lower Molding


DOOR OUTSIDE LOWER MOLDING

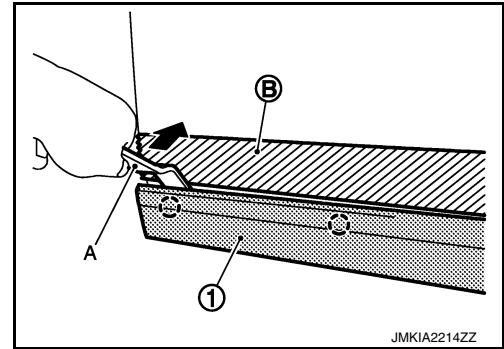
< REMOVAL AND INSTALLATION >

1. Remove double-sided tapes with remover tool (A).
2. Using a remover tool, disengage the clips from the front door outside lower molding (1) by starting from the rear.

CAUTION:

- Apply a protective tape (B) on the door to protect the painted surface from damage.
- Disengage the clips slowly and carefully.
- Never pull the front door outside lower molding.

 : Clip




3. Remove front door outside lower molding.

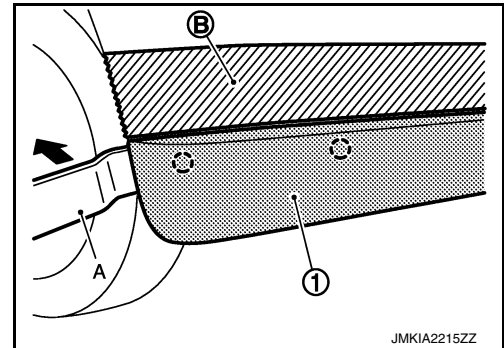
Rear Door Outside Lower Molding

1. Remove double-sided tapes with remover tool (A).
2. Using a remover tool, disengage the clips from the rear door outside lower molding (1) by starting from the rear.

CAUTION:

- Apply a protective tape (B) on the door to protect the painted surface from damage.
- Disengage the clips slowly and carefully.
- Never pull the front door outside lower molding.

 : Clip



3. Remove rear door outside lower molding.

INSTALLATION

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

CAUTION:

- Replace double-tape on back of molding with a new tape if door outside lower molding is reused.
- Never let air between contact surfaces when installing.
- When installing, check visually the door outside lower molding and the clips, then replace them with new parts if they have been damaged.
- When installing door outside lower molding, check that clips are securely fitted in panel holes on body, and then press them in.
- To secure contact, never wash vehicle within 24 hours after installation.

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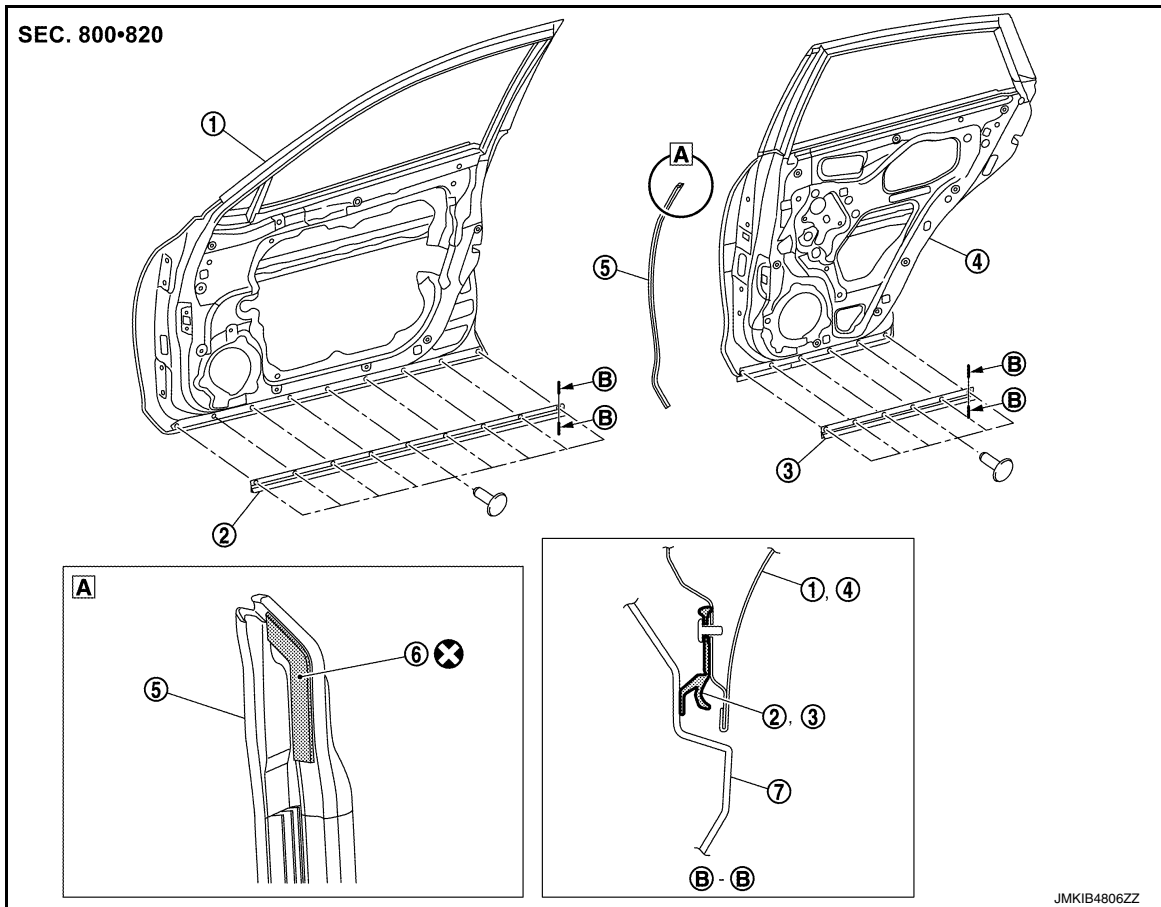
DOOR PARTING SEAL

< REMOVAL AND INSTALLATION >

DOOR PARTING SEAL

Exploded View

INFOID:000000012748618



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|---------------------|-----------------------------------|------------------------------------------------|
| 1. Front door panel | 2. Front door parting seal | 3. Rear door parting seal (lower) |
| 4. Rear door panel | 5. Rear door parting seal (front) | 6. Double-sided tape
[t: 1.2 mm (0.047 in)] |
| 7. Center mud guard | | |

⊗ : Always replace after every disassembly.

Removal and Installation

INFOID:000000012748619

REMOVAL

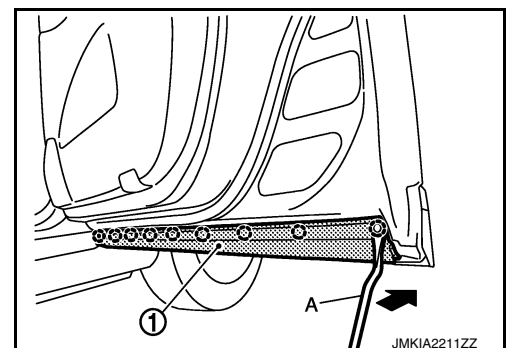
Front Door Parting Seal

1. Fully open front door.
2. Using a remover tool (A), disengage the clips from the front door parting seal (1).

CAUTION:

- Disengage the clips slowly and carefully.
- Never pull the front door parting seal strongly.

○ : Clip



DOOR PARTING SEAL

< REMOVAL AND INSTALLATION >


3. Remove front door parting seal.

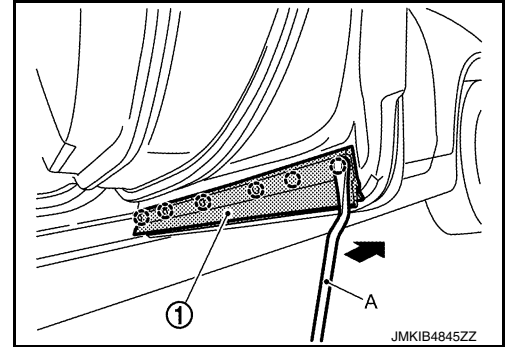
Rear Door Parting Seal (Lower)

1. Fully open rear door.
2. Using a remover tool (A), disengage the clips from the rear door parting seal (1).

CAUTION:

- Disengage the clips slowly and carefully.
- Never pull the rear door parting seal strongly.

 : Clip



3. Remove rear door parting seal (lower).

Rear Door Parting Seal (front)

1. Fully open front door.
2. Pull back rear door parting seal (front).

CAUTION:

- Never bend the rear door parting seal strongly.

INSTALLATION

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

CAUTION:

- When installing door parting seal, check that blind clips are securely fitted in panel holes on body, and then press them in.
- When installing, check visually the fillet molding and the clips, then replace them with new parts if they have been damaged.
- Replace double-sided tape on back of rear door parting seal (front) with a new tape if rear door parting seal (front) is reused.
- Remove double-sided tape remaining on body and back of rear door parting seal (front) using double-sided tape remover when removing rear door parting seal (front).
- Never wash the vehicle within 24 hours after installing so as to keep adhesive.

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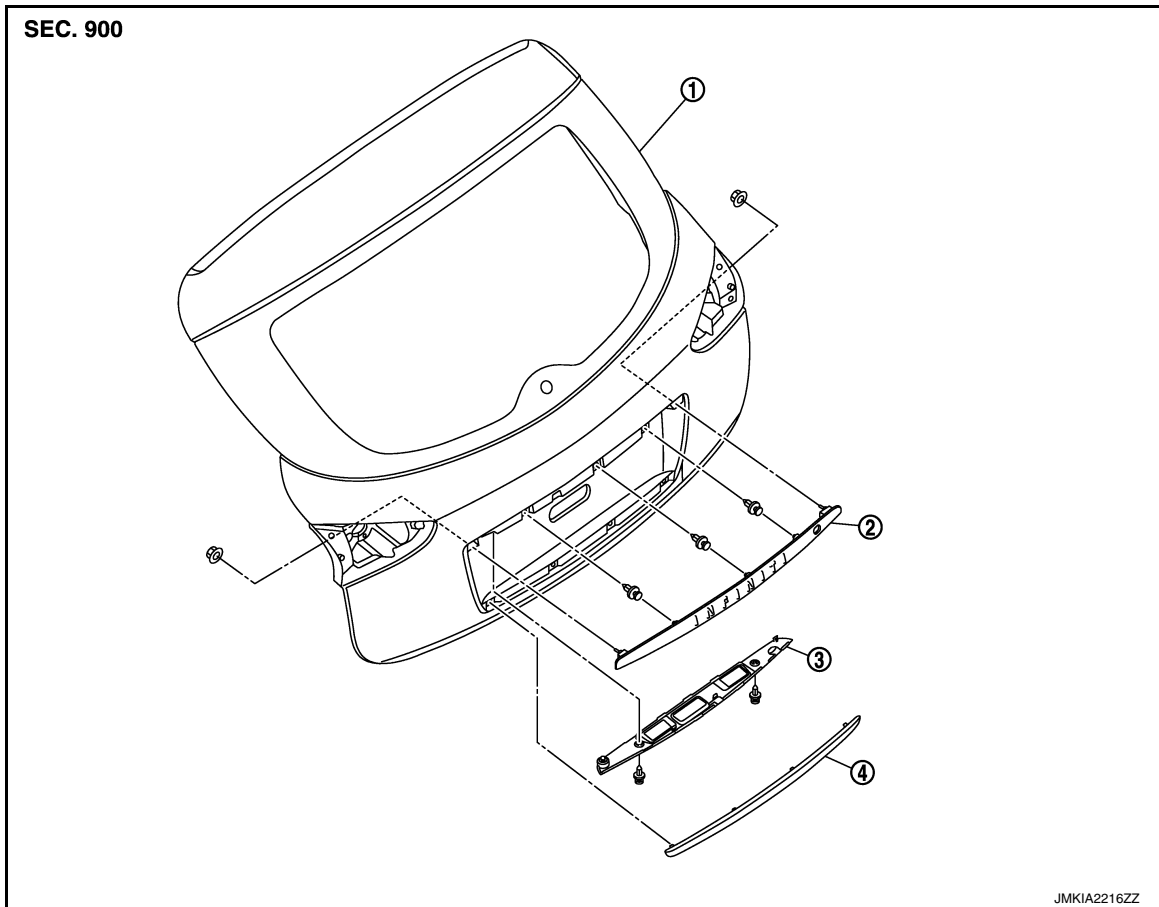
BACK DOOR FINISHER

< REMOVAL AND INSTALLATION >

BACK DOOR FINISHER

Exploded View

INFOID:000000012170203



- 1. Back door assembly
- 2. Back door finisher (upper)
- 3. Door handle cover
- 4. Back door finisher (lower)

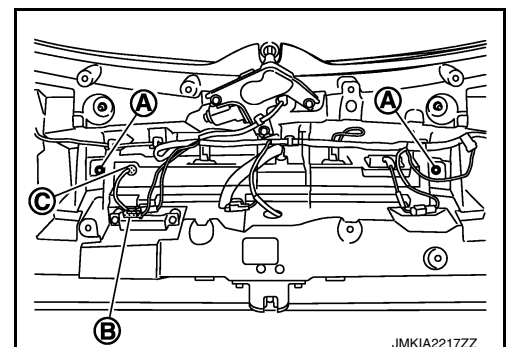
Removal and Installation

INFOID:000000012170204

REMOVAL

Back Door Finisher

1. Fully open back door.
2. Remove back door finisher inner. Refer to [INT-37, "Removal and Installation"](#).
3. Remove back door finisher (upper) fixing nuts (A).
4. Disconnect back door request switch harness connector (B).
5. Pull harness grommet (C) outwards from back door to release it.




BACK DOOR FINISHER

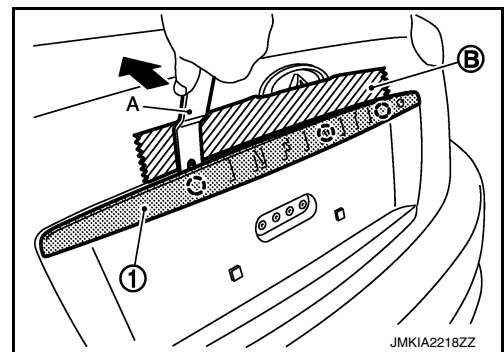
< REMOVAL AND INSTALLATION >

6. Remove back door finisher (upper) (1) fixing clips with remover tool (A).


CAUTION:


- Apply a protective tape (B) on the body to protect the painted surface from damage.
- Disengage the clips slowly and carefully.
- Never pull the back door finisher (upper) strongly.

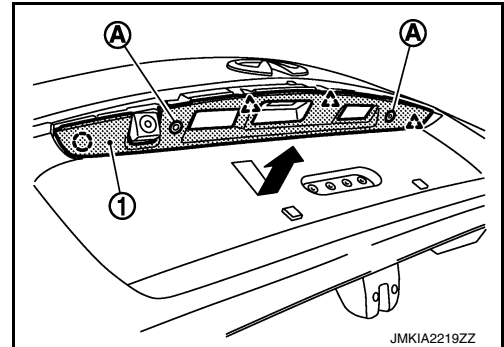
 : Clip



7. Pull back door finisher (upper) to remove it.
8. Remove door handle cover (1) fixing clips (A).
9. Remove door handle fixing pawls, and then pull toward the arrow direction.

 : Clip

 : Pawl




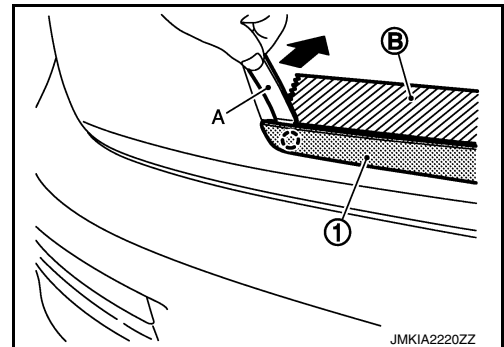
Back Door Center Finisher

1. Remove back door finisher (lower) (1) fixing clips with remover tool (A).

CAUTION:

- Apply a protective tape (B) on the body to protect the painted surface from damage.
- Disengage the clips slowly and carefully.
- Never pull the back door finisher (lower) strongly.

 : Clip



2. Pull back door finisher (lower) to remove it.

INSTALLATION

Install in the reverse order of removal.

A
B
C
D
E
F
G
H
I
J
EXT
L
M
N
O
P