SECTION EXT
EXTERIOR

CONTENTS

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

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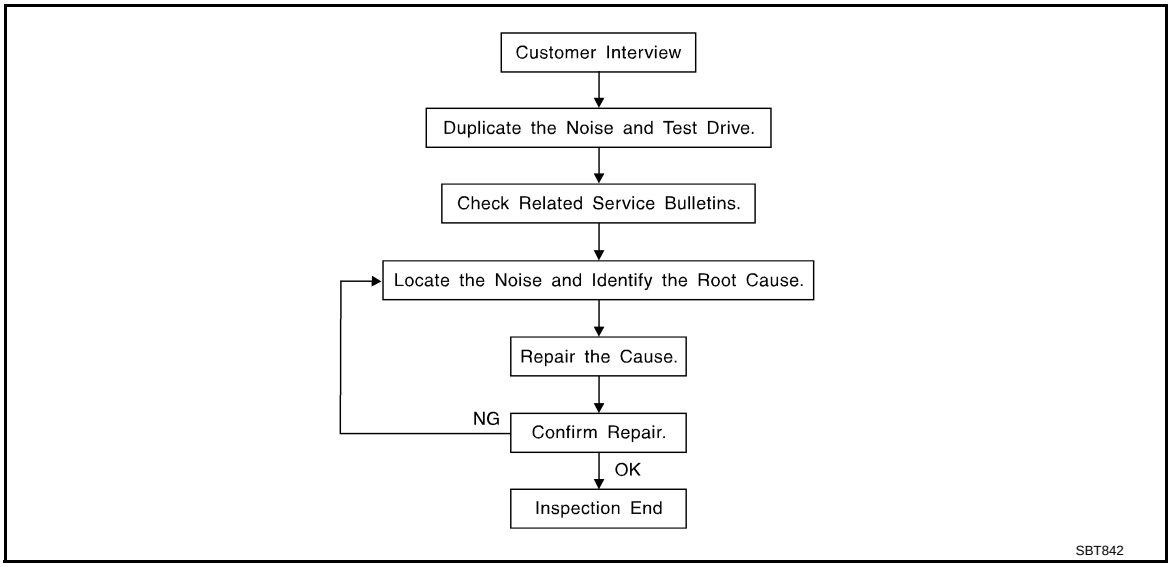

CUSTOMER INTERVIEW

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 the customer's comments; refer to EXT-6, "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 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

If possible, drive the vehicle with the customer until the noise is duplicated. Note any additional information on the Diagnostic Worksheet regarding the conditions or location of the noise. This information can be used to duplicate the same conditions when you confirm the repair.
If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:
1) Close a door.
2) Tap or push/pull around the area where the noise appears to be coming from.
3) Rev the engine.
4) Use a floor jack to recreate vehicle “twist”.
5) At idle, apply engine load (electrical load, half-clutch on M/T model, drive position on 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 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-4, "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 are available through your authorized Nissan Parts Department.

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

- 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 will be visible or not fit.
  Note: Will only last a few months.
- SILICONE SPRAY
  Use when grease cannot be applied.
- DUCT TAPE
  Use to eliminate movement.

CONFIRM THE REPAIR

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

Inspection Procedure

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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:

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

CENTER CONSOLE

Components to pay attention to include:

1. 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 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
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

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 is 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. Rear seatback lock and bracket

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

UNDERHOOD

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

Causes of transmitted underhood noise include:

1. Any component 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.

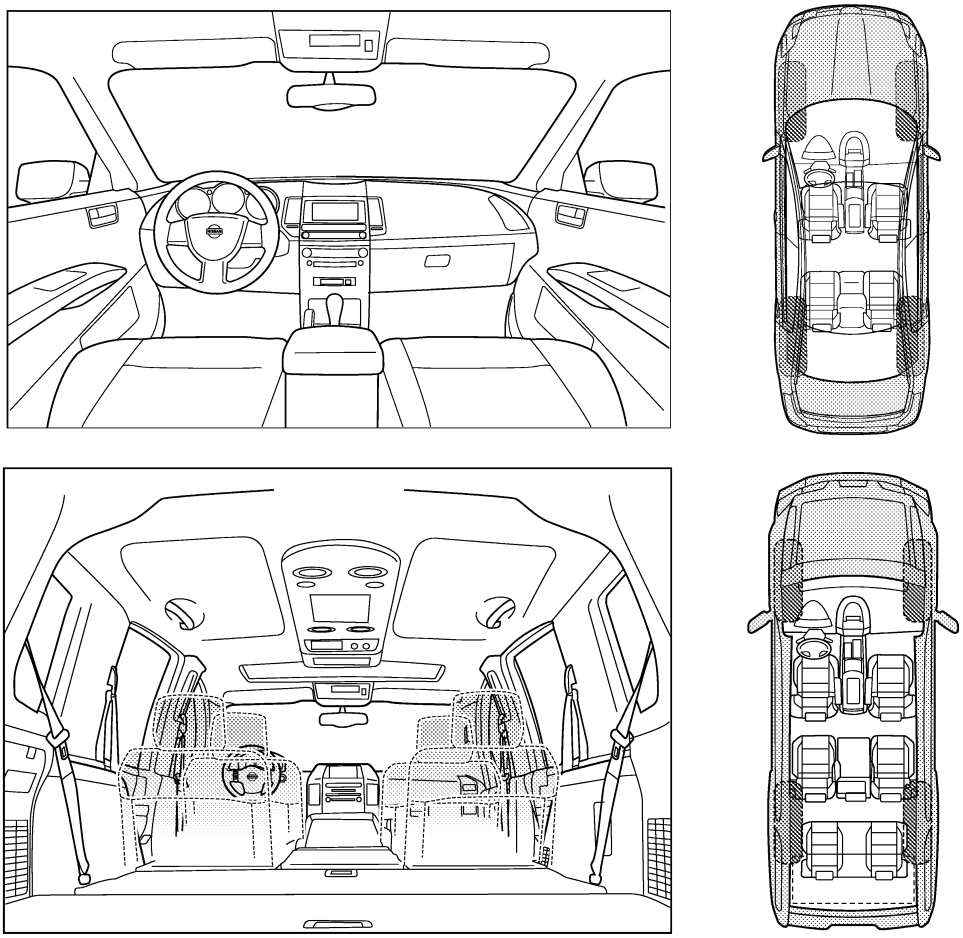
Diagnostic Worksheet

INFOID:0000000001184939

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.

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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)

- ☐ anytime
- ☐ 1st time in the morning
- ☐ only when it is cold outside
- ☐ only when it is hot outside
- ☐ after sitting out in the rain
- ☐ when it is raining or wet
- ☐ dry or dusty conditions
- ☐ other:

III. WHEN DRIVING:

- ☐ 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	☐	☐	_____
- Noise verified on test drive	☐	☐	_____
- Noise source located and repaired	☐	☐	_____
- Follow up test drive performed to confirm repair	☐	☐	_____

VIN: _____ Customer Name: _____

W.O.# _____ Date: _____

This form must be attached to Work Order

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PRECAUTION

PRECAUTIONS

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

INFOID:0000000001184940

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 AIRBAG” and “SEAT BELT” of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the “SRS AIRBAG”.**
- **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.**

Precaution Necessary for Steering Wheel Rotation After Battery Disconnect

INFOID:0000000001184941

NOTE:

- This Procedure is applied only to models with Intelligent Key system and NATS (NISSAN ANTI-THEFT SYSTEM).
- Remove and install all control units after disconnecting both battery cables with the ignition knob in the ″LOCK″ position.
- Always use CONSULT-III to perform self-diagnosis as a part of each function inspection after finishing work. If DTC is detected, perform trouble diagnosis according to self-diagnostic results.

For models equipped with the Intelligent Key system and NATS, an electrically controlled steering lock mechanism is adopted on the key cylinder.
For this reason, if the battery is disconnected or if the battery is discharged, the steering wheel will lock and steering wheel rotation will become impossible.
If steering wheel rotation is required when battery power is interrupted, follow the procedure below before starting the repair operation.

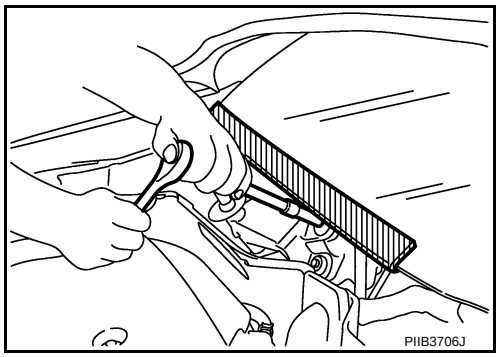
OPERATION PROCEDURE

1. Connect both battery cables.
   NOTE:
   Supply power using jumper cables if battery is discharged.
2. Use the Intelligent Key or mechanical key to turn the ignition switch to the ″ACC″ position. At this time, the steering lock will be released.
3. Disconnect both battery cables. The steering lock will remain released and the steering wheel can be rotated.
4. Perform the necessary repair operation.
5. When the repair work is completed, return the ignition switch to the ″LOCK″ position before connecting the battery cables. (At this time, the steering lock mechanism will engage.)
6. Perform a self-diagnosis check of all control units using CONSULT-III.

Precaution for Procedure without Cowl Top Cover

INFOID:0000000001184942

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



Precaution for Work

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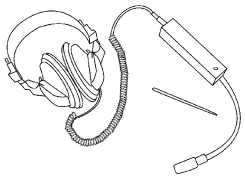
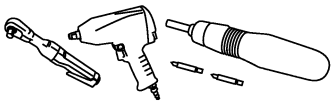
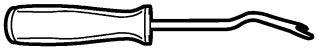
- After removing and installing the opening/closing parts, be sure to carry out fitting adjustments to check their operation.
- Check the lubrication level, damage, and wear of each part. If necessary, grease or replace it.

PREPARATION

PREPARATION

Commercial Service Tools

INFOID:0000000001184944

Tool name	Description
Engine ear  SIIA0995E	Locating the noise
Power tool  PIIB1407E	
Clip remover  E1KIA0055GB	Removing clips

ON-VEHICLE REPAIR

FRONT BUMPER

Exploded View

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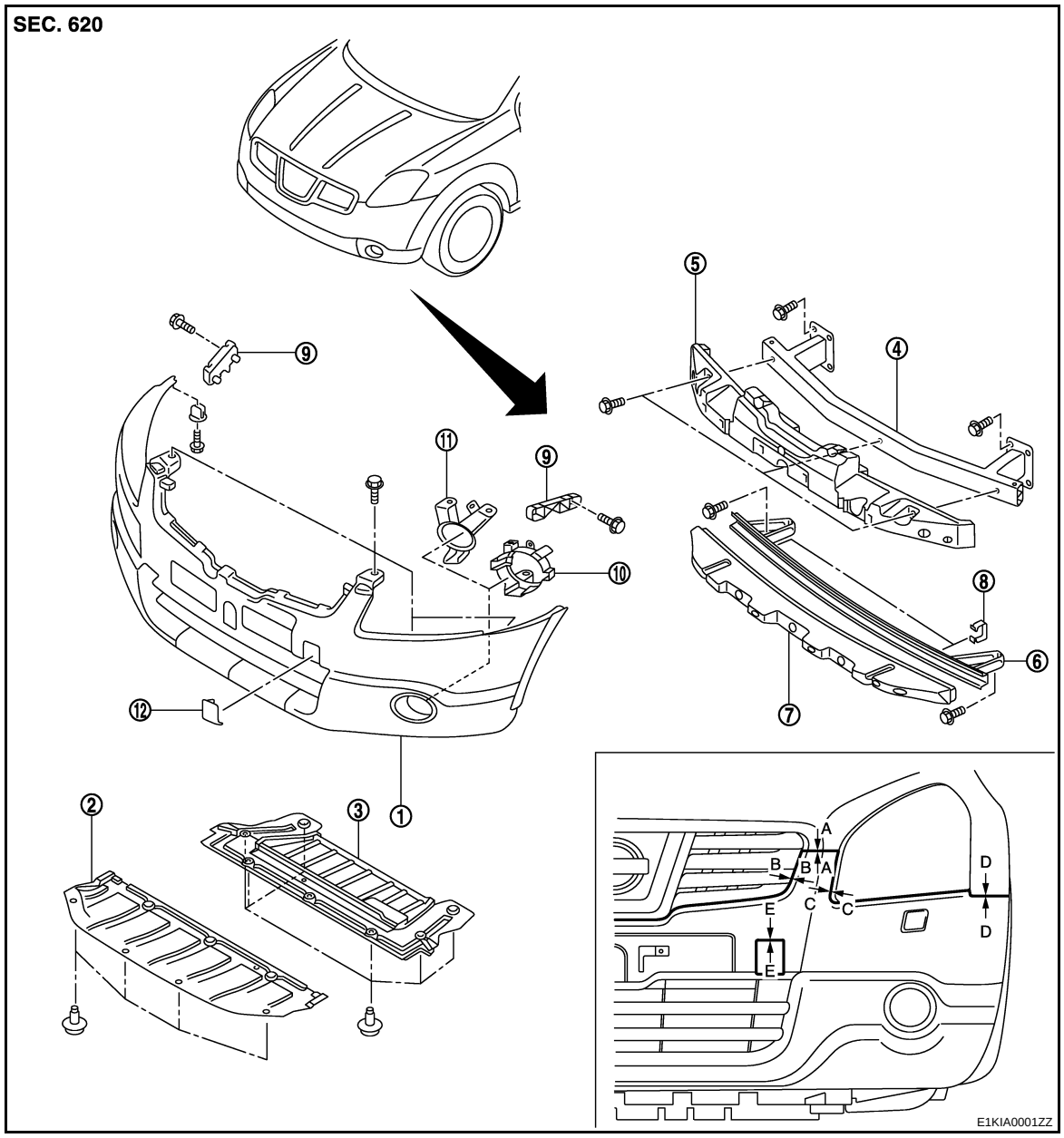


1. Bumper fascia assembly
2. Radiator undercover
3. Engine undercover
4. Bumper reinforcement, upper
5. Energy absorber, upper
6. Bumper reinforcement, lower
7. Energy absorber, lower
8. Energy absorber metal fastener
9. Bumper side bracket
10. Front fog lamp bracket LH (if equipped)
11. Front bumper finisher LH
12. Bumper bracket cover assembly

Removal and Installation

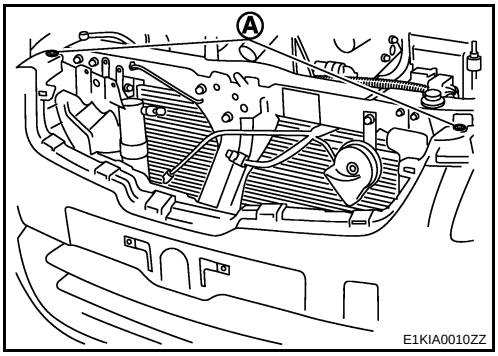
INFOID:0000000001184946

REMOVAL

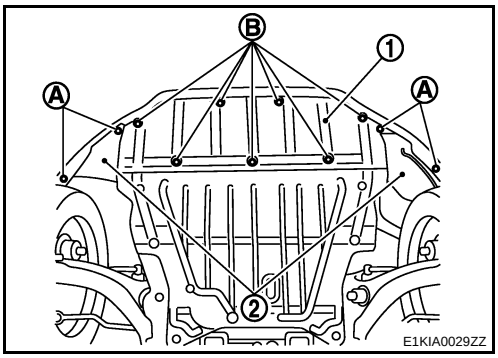
CAUTION:

Bumper fascia is made of resin. Do not apply strong force to it, and be careful to prevent contact with oil.

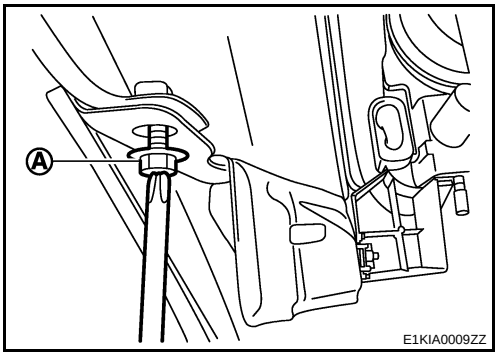
1. Fully open hood assembly.
2. Remove front grille. Refer to EXT-17, "Removal and Installation".
3. Remove front hoodledge splash guard. Refer to EXT-22, "Removal and Installation".
4. Remove front fender protector. Refer to EXT-22, "Removal and Installation".
5. Remove clips (A) of front bumper fascia upper side.



6. Remove fixing screws (A) and clips (B) of radiator undercover (1) and front fender protector (2).

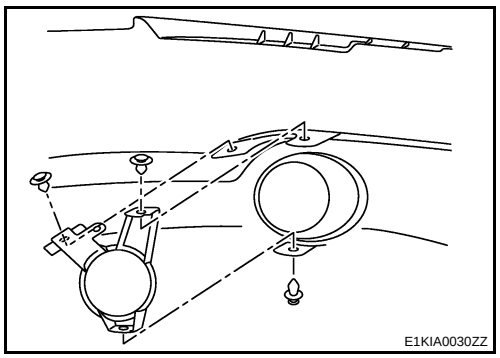


7. Disconnect front fog lamp harness connector (if equipped). Refer to EXL-177, "Removal and Installation".
8. Remove fixing screw (A) of bumper fascia (LH/RH).



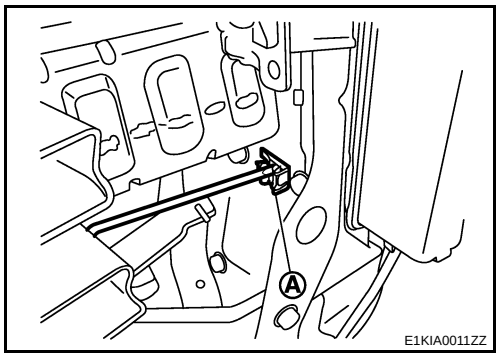
9. Remove front bumper fascia.
   CAUTION:
   When removing bumper fascia, 2 workers are required so as to prevent it from dropping.
10. Remove the following parts after removing bumper fascia.
    - Hood seal assembly (front)
    - License plate bracket
    - Front bumper side bracket (LH/RH)
    - Front bumper finisher

- Front fog lamp assembly



11. Remove front bumper upper energy absorber.
12. Remove front bumper lower energy absorber.
    - Release front bumper lower energy absorber metal fasteners (A).
    - Pull front bumper lower energy absorber to remove it.

    CAUTION:
    Always use a suitable tool to release front bumper energy absorber metal fasteners, to avoid damage to front bumper energy absorber.



13. Remove front bumper upper reinforcement metal retainer clip and mounting bolts, and then remove front bumper upper reinforcement.
14. Remove front bumper lower reinforcement.
    - Remove front bumper lower reinforcement assembly.
    - Remove front air guide fixing clips, then remove front air guide.

INSTALLATION

Install in the reverse order of removal.

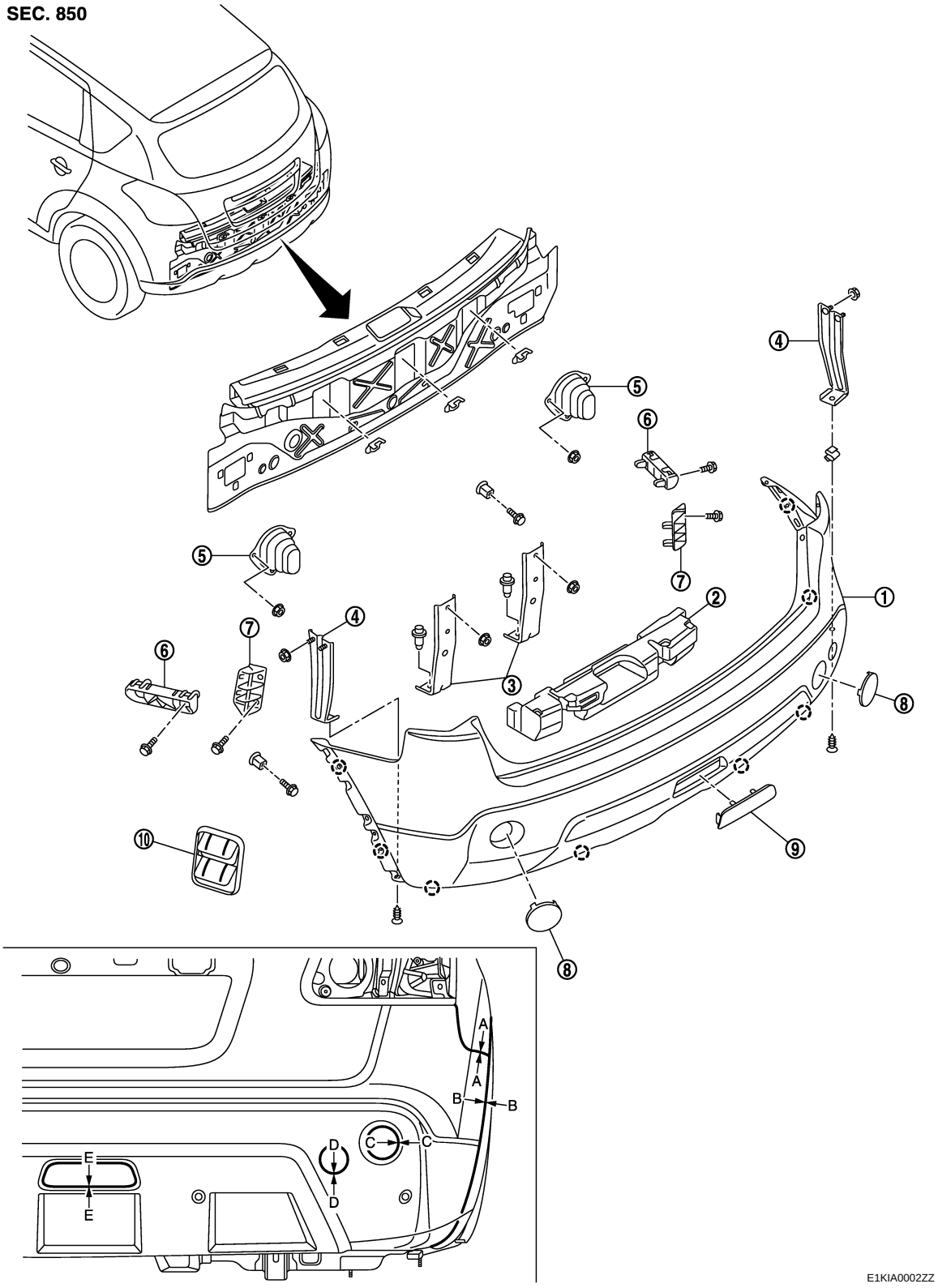
NOTE:
After installing, perform fitting adjustment.

	Portion	Clearance
Front bumper – Hood assembly	**A – A**	**4.5 – 8.5 mm (0.177 – 0.335 in)**
Front bumper – Front grille	**B – B**	**0.7 – 4.3 mm (0.028 – 0.169 in)**
Front bumper – Headlamp	**C – C**	**3.5 – 6.5 mm (0.138 – 0.256 in)**
Front bumper – Front bumper finisher	**D – D**	**0.0 – 1.0 mm (0.000 – 0.039 in)**
Front bumper – Front fender	**E – E**	**1.5 – 3.5 mm (0.059 – 0.138 in)**

REAR BUMPER

Exploded View

INFOID:0000000001184947



1. Rear bumper fascia assembly
2. Energy absorber
3. Rear bumper center retainer
4. Rear bumper side retainer
5. Rear bumper stay
6. Rear bumper side bracket A
7. Rear bumper side bracket B
8. Reflector
9. Rear bumper center molding

10. Rear air extractor
Clip

Removal and Installation

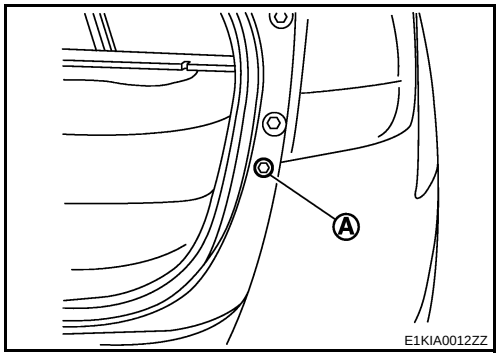
INFOID:0000000001184948

REMOVAL

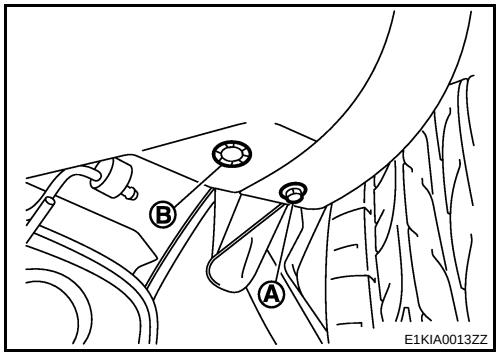
CAUTION:

Bumper fascia is made of resin. Do not apply strong force to it, and be careful to prevent contact with oil.

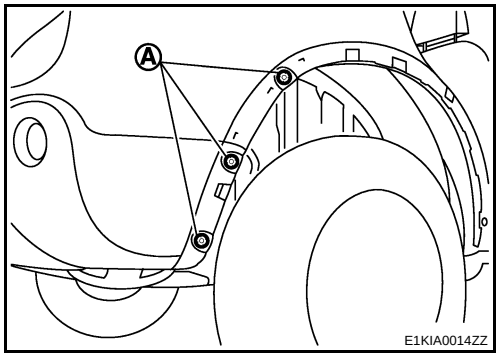
1. Fully open back door assembly.
2. Remove rear bumper fixing screw (A) (LH/RH).



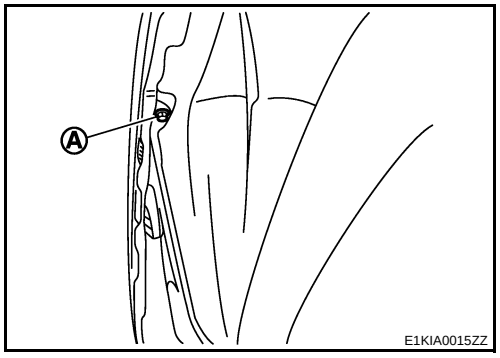
3. Remove rear bumper lower fixing screw (A) and clip (B) (LH/RH).



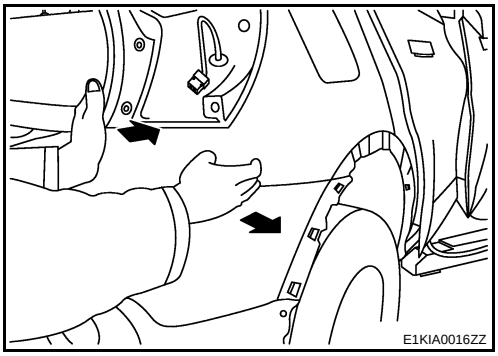
4. Remove rear fillet molding (LH/RH). Refer to EXT-23, "Removal and Installation".
5. Remove rear fender protector fixing clips (A) (LH/RH).



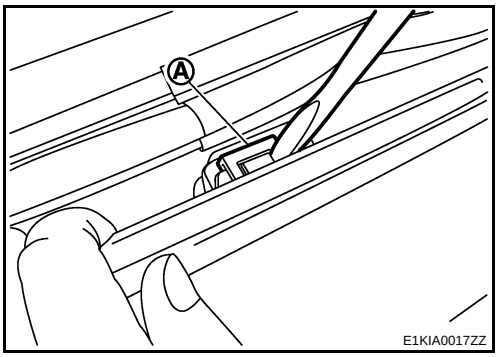
6. Remove rear bumper upper fixing screw (A) (LH/RH).



7. Remove license plate if necessary.
8. Push to release rear bumper from side bracket B.



9. Remove rear fog lamp, then remove rear fog lamp harness connector. Refer to EXL-189, "Removal and Installation".
10. Release rear bumper clips (A).



11. Remove rear bumper fascia assembly.
    CAUTION:
    When removing bumper fascia, 2 workers are required so as to prevent it from dropping.
12. Remove the following parts after removing rear bumper fascia.
    - Rear bumper energy absorber
    - Rear bumper center retainer (LH/RH)
    - Rear bumper side retainer (LH/RH)
    - Rear bumper clips
    - Rear bumper side bracket A (LH/RH)
    - Rear bumper side bracket B (LH/RH)
    - Rear bumper finisher assembly
    - Reflector assembly (LH/RH)

INSTALLATION

Install in the reverse order of removal.

NOTE:

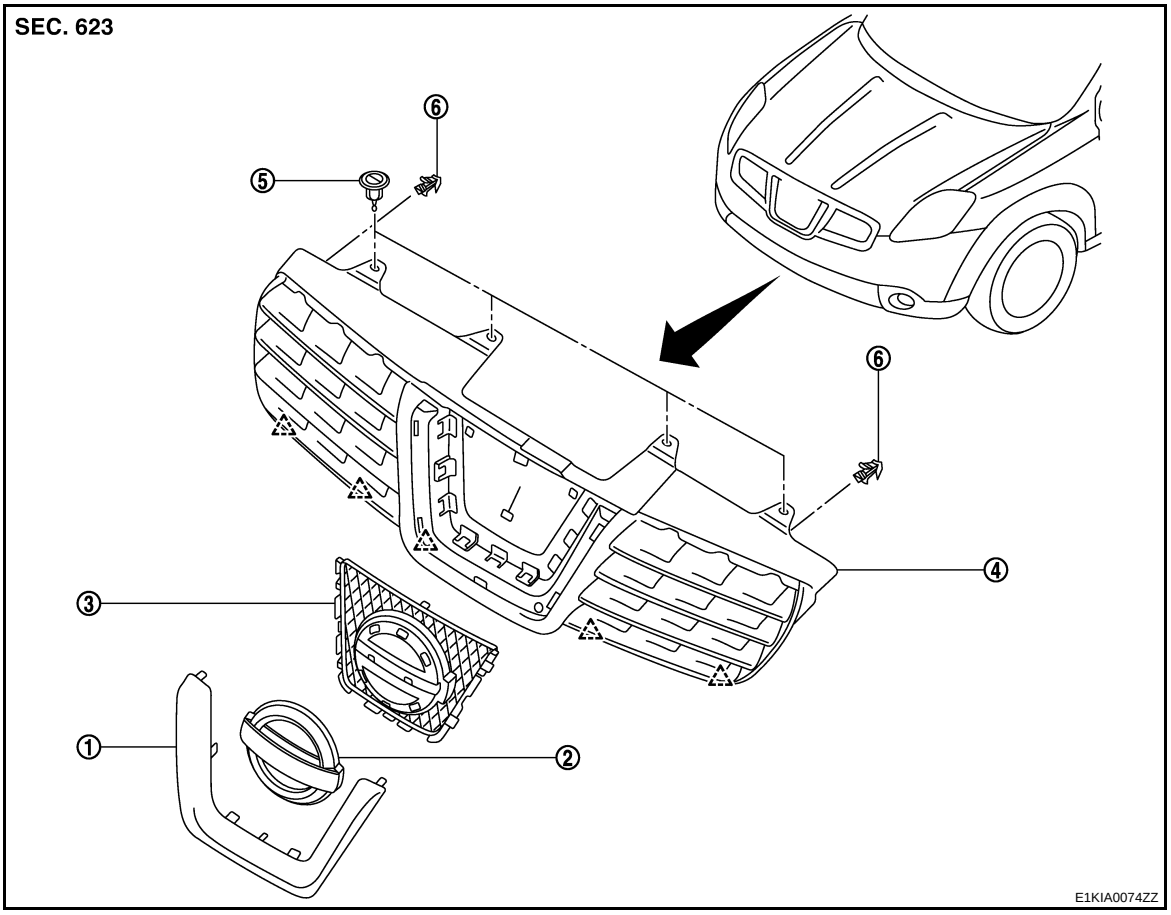
After installing, perform fitting adjustment.

	Portion	Clearance
Rear bumper – Rear fender	**A – A**	**0.0 – 1.0 mm (0.000 – 0.039 in)**
Rear bumper – Rear fillet molding	**B – B**	**0.5 – 1.5 mm (0.020 – 0.059 in)**
Rear bumper – Reflector	**C – C**	**0.0 – 1.0 mm (0.000 – 0.039 in)**
Rear bumper – Tow hook cover	**D – D**	**0.2 – 1.2 mm (0.008 – 0.047 in)**
Rear bumper – Fog lamp blank cover	**E – E**	**0.2 – 1.2 mm (0.008 – 0.047 in)**

FRONT GRILLE

Exploded View

INFOID:0000000001184949



1. Front grille molding
2. Front emblem
3. Radiator grille
4. Front grille
5. Upper fixing clip
6. Fixing clip

⚠ Pawl

Removal and Installation

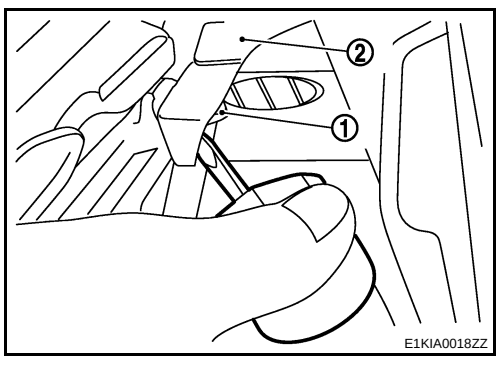
INFOID:0000000001184950

REMOVAL

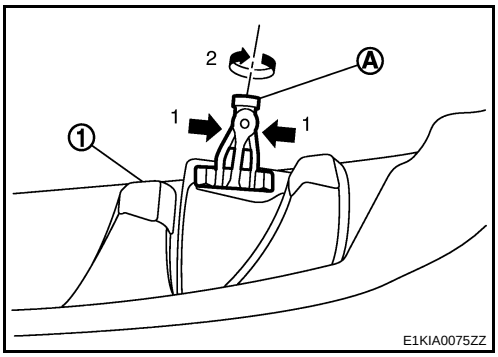
CAUTION:

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

1. Fully open hood assembly.
2. Remove front grille upper fixing clips.
3. Slowly pull front grille upper side, and using a flat screwdriver, depress clip barb to remove clips (1) (LH/RH) from front bumper (2).



4. Release front grille lower pawls from front bumper.
   CAUTION:
   To remove front grille assembly, slowly release lower pawls to avoid damaging pawls.
5. Remove front grille assembly.
6. Press barbs to release RH fixing clip (A) and then turn to remove it from front grille (1) as shown.
   For LH fixing clip, turn in opposite side to remove it from front grille (1).



7. Remove the following parts after removing front grille.
   CAUTION:
   To remove parts from front grille assembly, slowly release pawls to avoid damaging pawls.
   - Front grille molding
   - Radiator grille
   - Front emblem

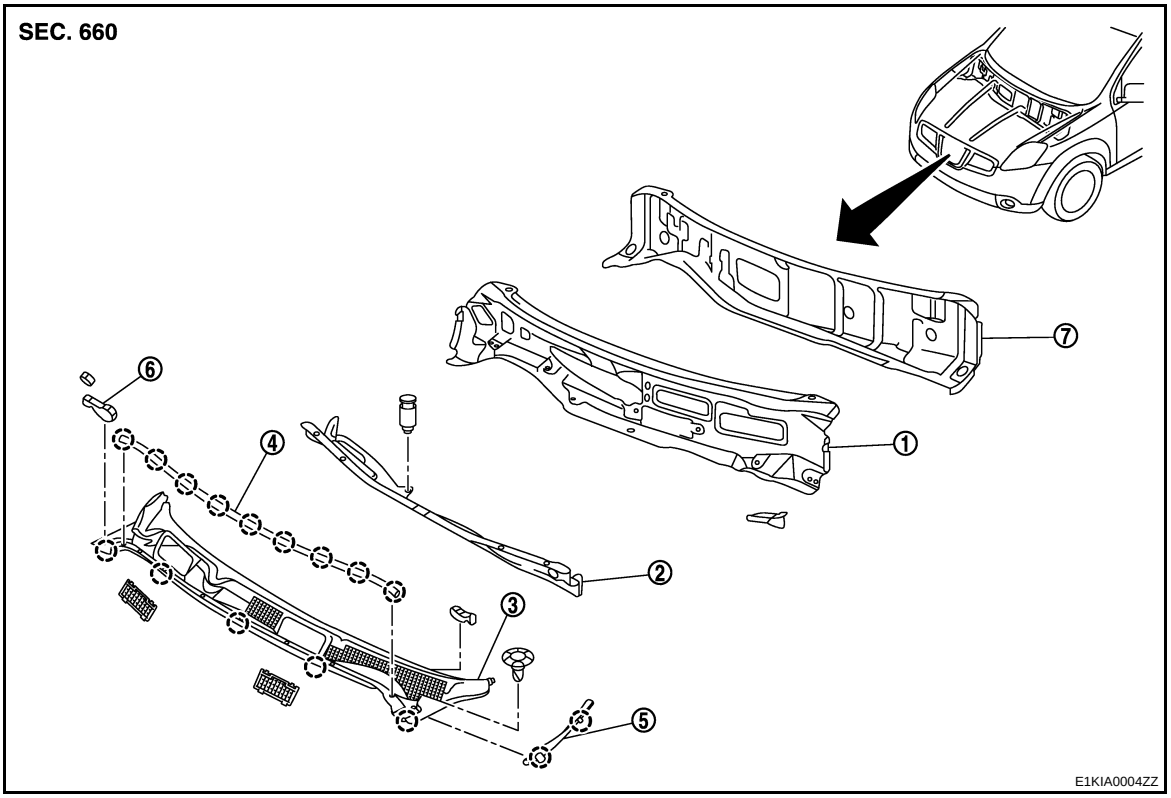
INSTALLATION

Install in the reverse order of removal.

COWL TOP

Exploded View

INFOID:0000000001184951



1. Cowl top assembly
2. Cowl top cover grille
3. Cowl top cover
4. Cowl top seal
5. Front fender cover
6. Cowl top foam insulator
7. Upper dash assembly

Clip

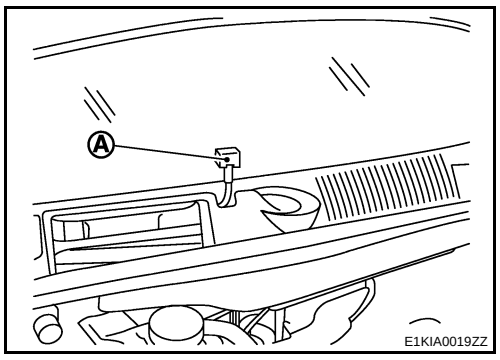
Removal and Installation

INFOID:0000000001184952

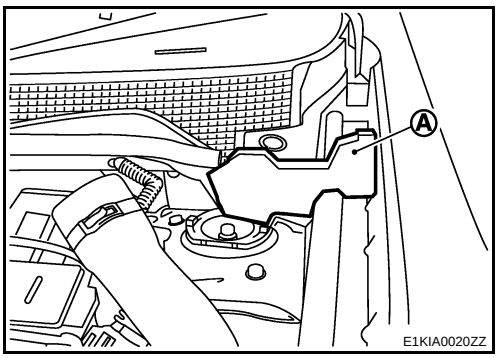
REMOVAL

1. Fully open hood assembly.
2. Remove front wiper arm (LH/RH) from vehicle. Refer to WW-104, "Removal and Installation".
3. Remove cowl top grilles (LH/RH).
4. Remove windscreen washer nozzle (LH/RH).
   - Pull nozzle upwards (A)
   - Disconnect washer nozzle tube.

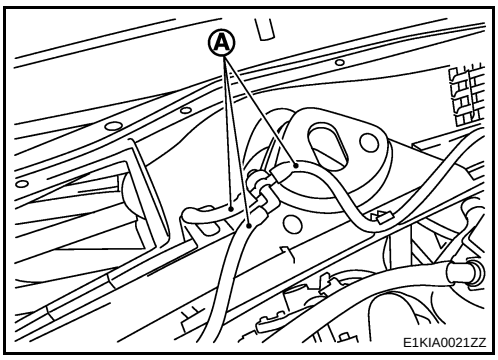
   CAUTION:
   Fit cap on washer nozzle tube to avoid spills and contamination.



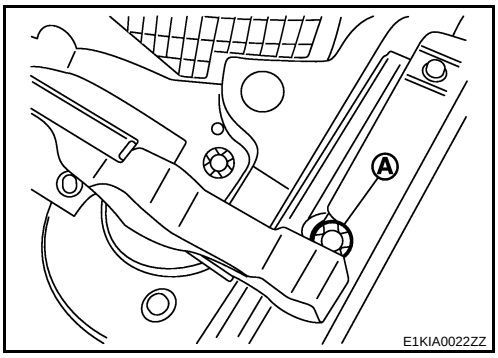
5. Release foam insulator (A) from front fender (LH/RH).



6. Remove cowl top cover fixing clips, then pull forward to release cowl top cover from windscreen.
7. Turn cowl top cover upside down to access main windscreen washer tubes (A).



8. Release main windscreen washer tubes. Remove main windscreen washer tubes.
   CAUTION:
   Fit cap on washer nozzle tube to avoid spills and contamination.
9. Remove cowl top cover.
   - Remove washer tube nozzles.
   - Remove cowl top seal.
10. Remove front fender cover fixing clip (A).
    - Push foam insulator to side to release front fender cover fixing tape.
    - Release front fender cover pawl from front pillar.



INSTALLATION

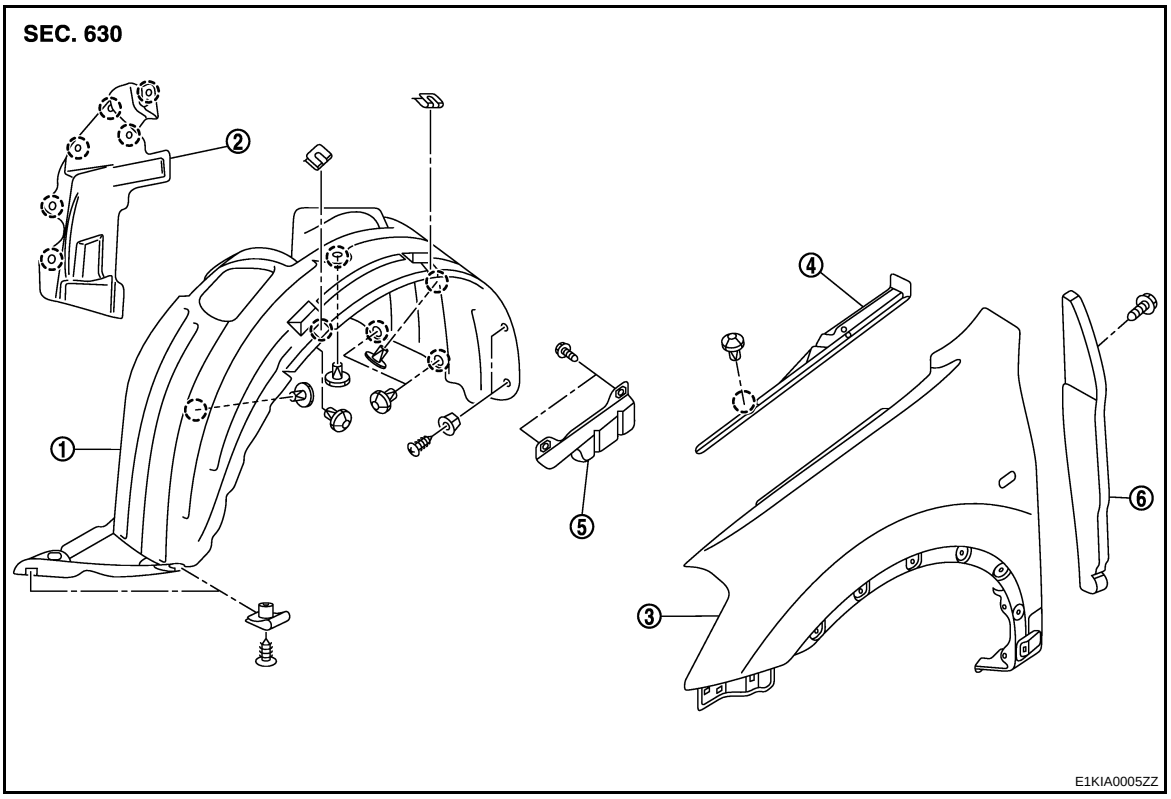
Install in the reverse order of removal.

FENDER PROTECTOR

Exploded View

INFOID:0000000001184953

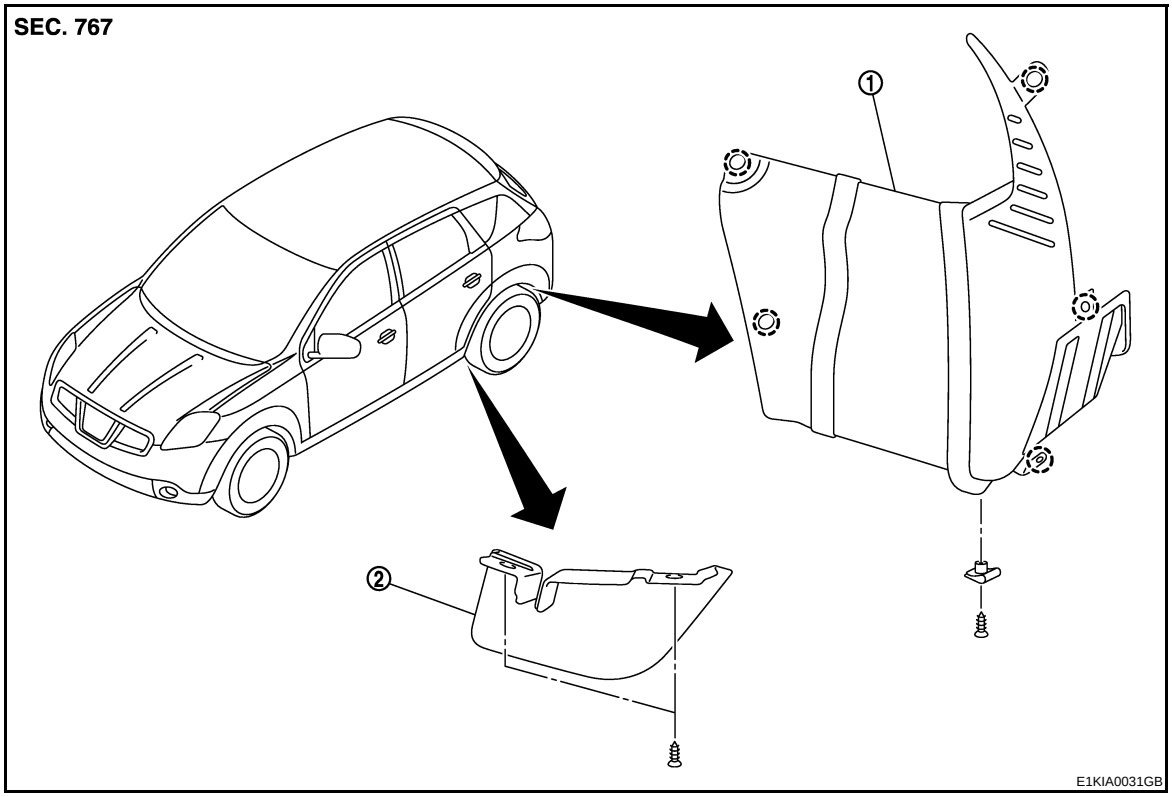
FENDER PROTECTOR



1. Front fender protector
2. Hoodledge splashguard
3. Front fender
4. Front fender cover
5. Front fender bracket
6. Front fender seal

Clip

REAR WHEEL HOUSE PROTECTOR



1. Rear fender protector
2. Wind deflector
Clip

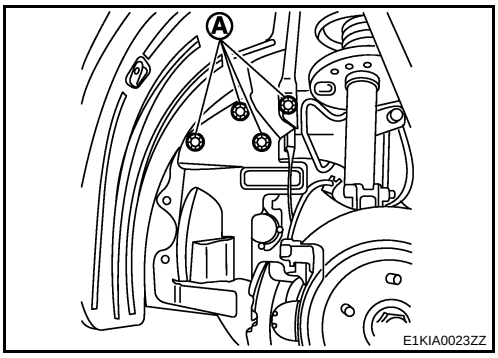
Removal and Installation

INFOID:0000000001184954

REMOVAL

FRONT FENDER PROTECTOR

1. Remove front fender protector fixing screw and fixing bolt.
2. Remove hoodledge splashguard fixing clips (A). Remove hoodledge splashguard.



3. Remove front fender protector fixing clips.
4. Remove front fender protector fixing screws.
5. Release front fender protector upper fixing clip from under, then remove front fender protector.

REAR WHEEL HOUSE PROTECTOR

1. Remove rear wheel house protector lower fixing screw.
2. Remove rear wheel house protector fixing clips.
3. Remove rear wheel house protector.

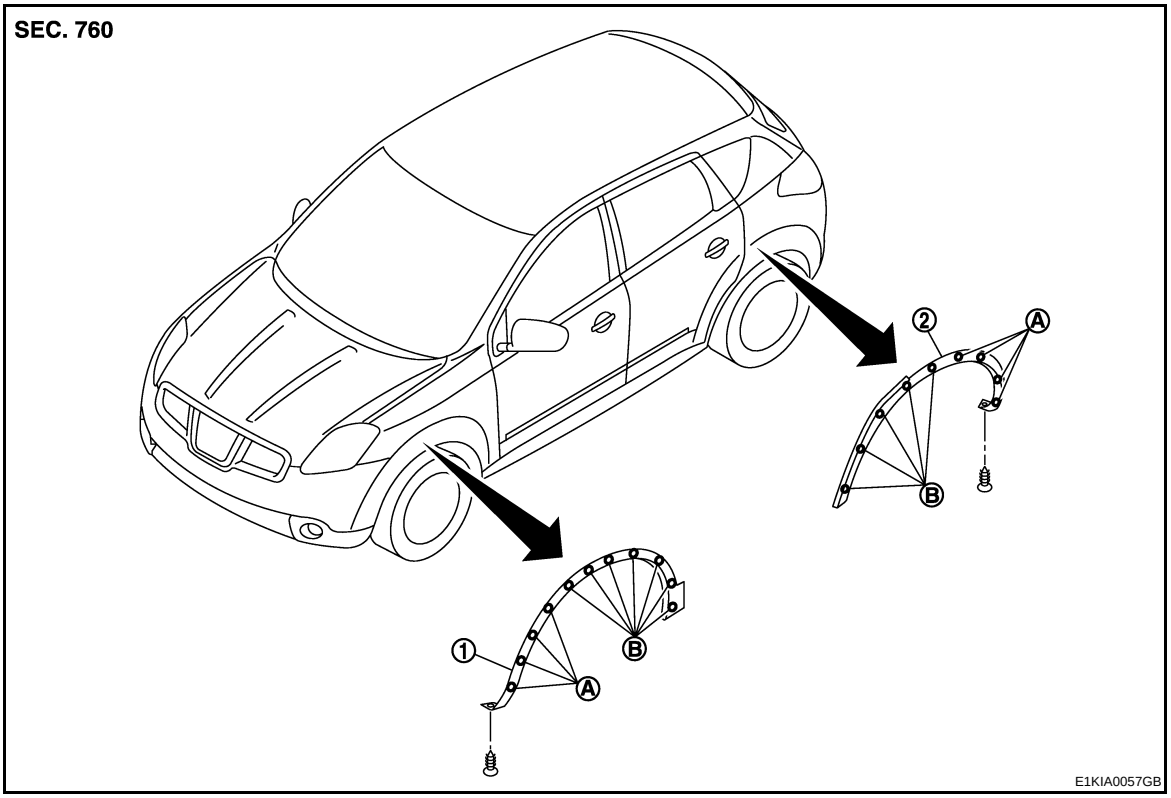
INSTALLATION

Install in the reverse order of removal.

FILLET MOLDING

Exploded View

INFOID:0000000001184955



1. Front fillet molding
2. Rear fillet molding
A. Clips A
B. Clips B

Removal and Installation

INFOID:0000000001184956

REMOVAL

FRONT FILLET MOLDING

1. Remove front fillet molding fixing screw.
2. Release front fillet molding clips A.
3. Pull front fillet molding forwards to release clips B.
4. Remove front fillet molding.

REAR FILLET MOLDING

1. Remove rear fillet molding fixing screw.
2. Release rear fillet molding clips A.
3. Pull rear fillet molding rearwards to release clips B.
4. Remove rear fillet molding.

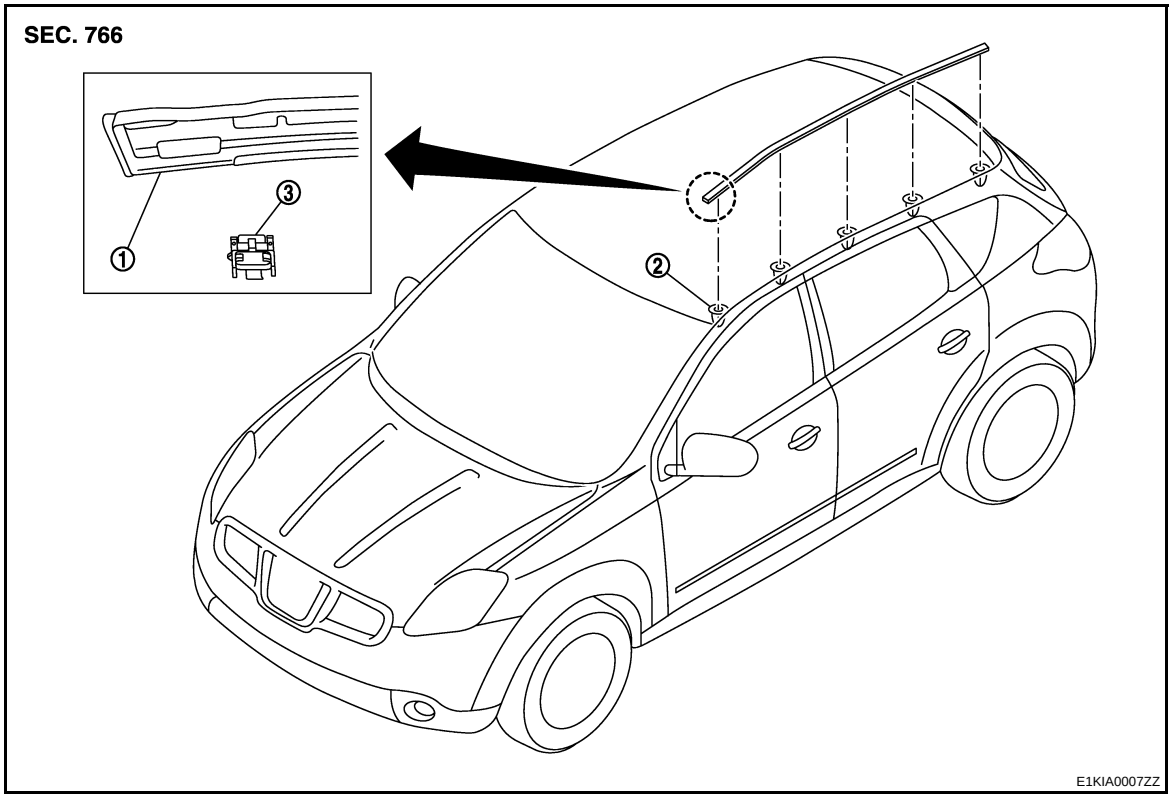
INSTALLATION

Install in the reverse order of removal.

ROOF SIDE MOLDING

Exploded View

INFOID:0000000001184957



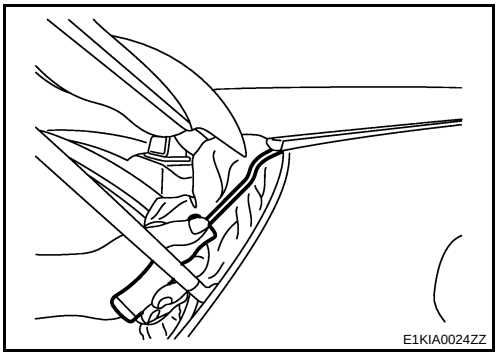
1. Roof side molding
2. Roof side molding clip
3. Roof side molding fastener

Removal and Installation

INFOID:0000000001184958

REMOVAL

1. Open back door.
2. Using suitable tool, release roof side molding fixing clips from rear to front, then remove roof side molding.
   CAUTION:
   Always use shop cloth to avoid damaging the vehicle.



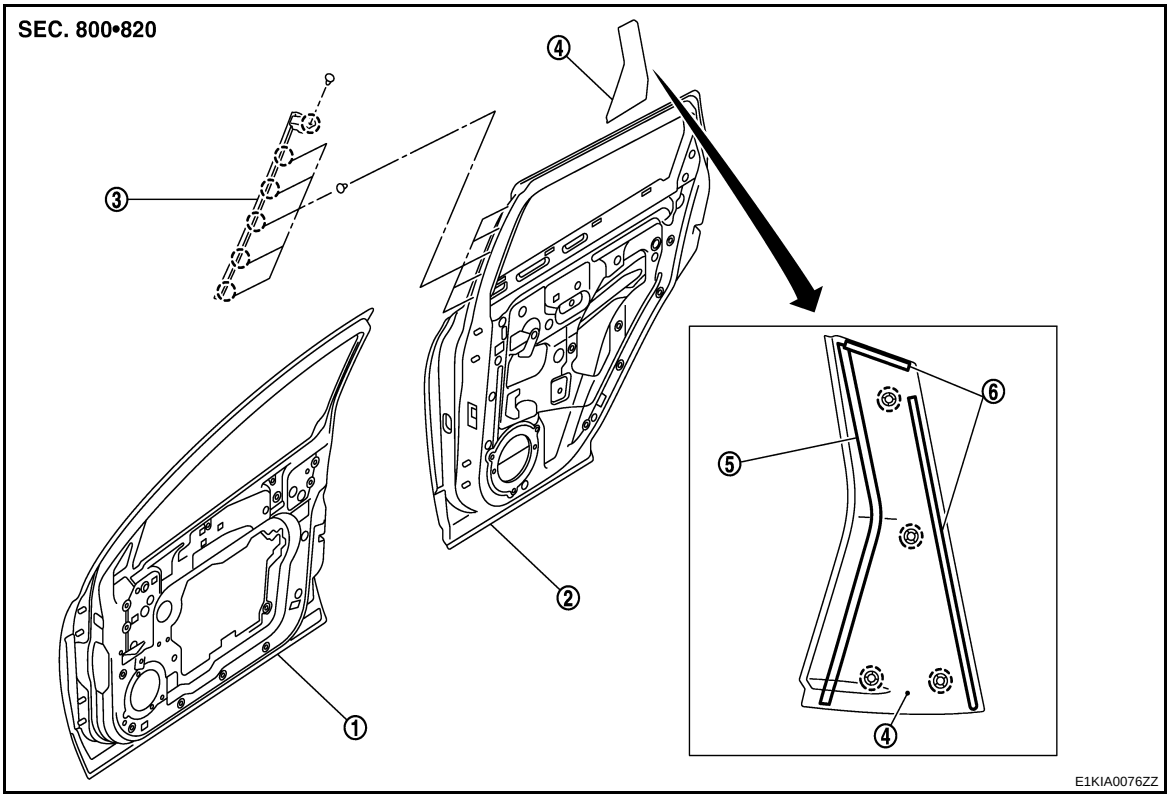
INSTALLATION

Install in the reverse order of removal.

DOOR SASH MOLDING

Exploded View

INFOID:0000000001184959



1. Front door panel
2. Rear door panel
3. Rear door side parting seal
4. Rear door sash molding
5. Rear door sash molding seal
6. Adhesive tape

Clip

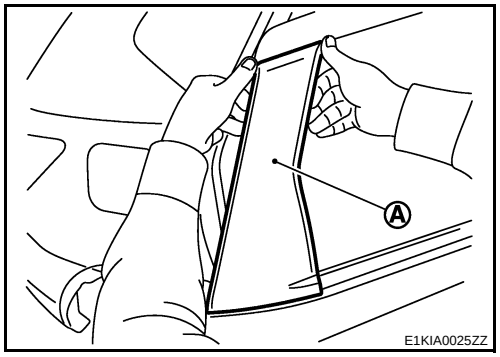
Removal and Installation

INFOID:0000000001184960

REMOVAL

REAR DOOR SASH MOLDING

1. Pull rear door sash molding (A) from upper side to lower side.
   NOTE:
   If necessary, use a flat screwdriver.
   CAUTION:
   Always use shop cloth to avoid damaging the vehicle.
2. Remove rear door sash molding.



INSTALLATION

Install in the reverse order of removal.

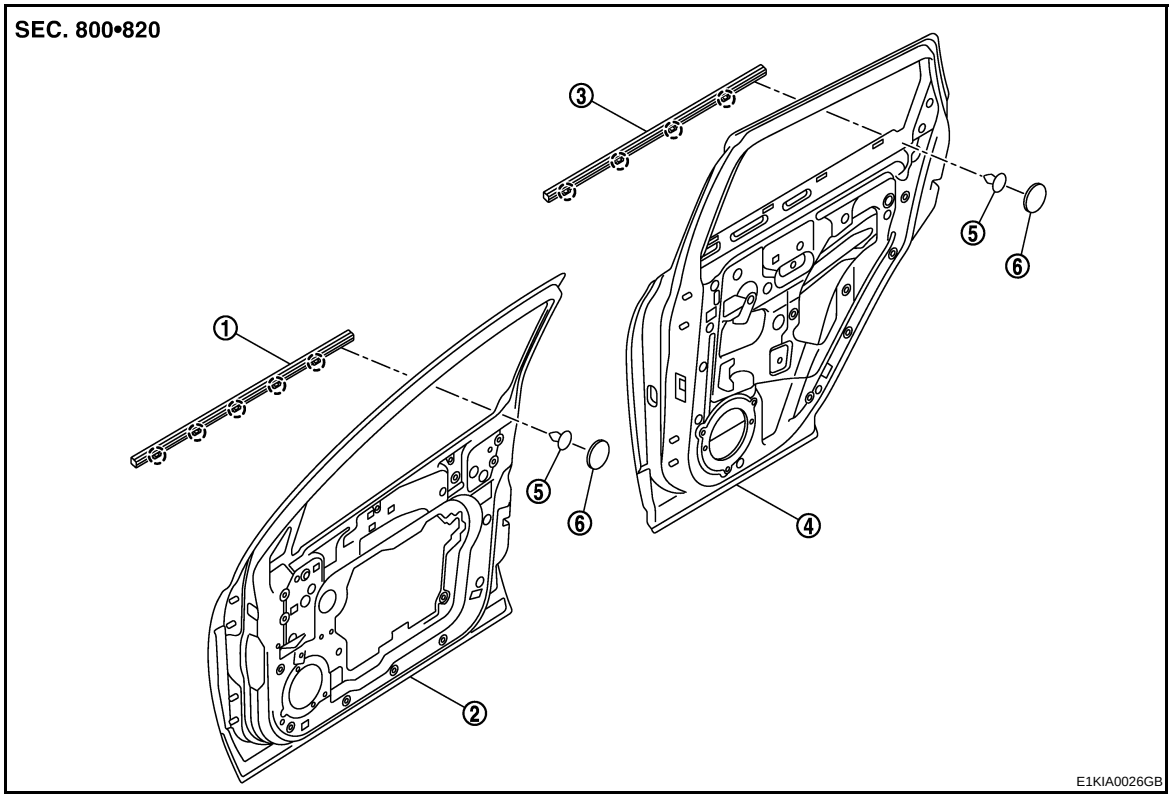
CAUTION:

Always clean body and parts before installation.

DOOR OUTSIDE MOLDING

Exploded View

INFOID:0000000001184961



1. Front door outside molding
2. Front door panel
3. Rear door outside molding
4. Rear door panel
5. Fixing screw
6. Fixing screw adhesive cover

Clip

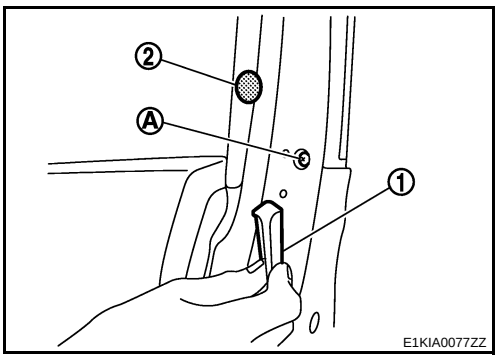
Removal and Installation

INFOID:0000000001184962

REMOVAL

FRONT DOOR OUTSIDE MOLDING

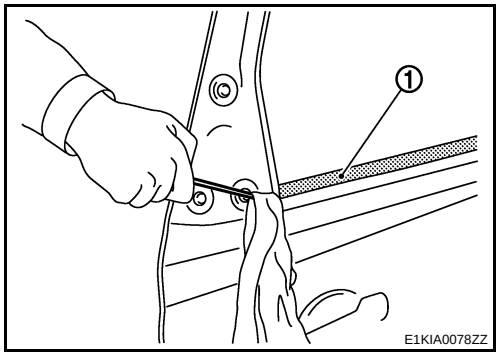
1. Remove door trim. Refer to INT-10, "FRONT DOOR FINISHER : Removal and Installation".
2. Remove door mirror assembly. Refer to MIR-20, "Removal and Installation".
3. Fit front door glass to lower position.
4. Remove front door lower weather strip upper end part fixing clip and then release front door lower weather strip upper end part (1).
5. Remove front door outside molding fixing screw adhesive cover (2).
6. Remove front door outside molding fixing screw (A).
   CAUTION:
   Attention, the screw might fall into the door.



7. Twist from rear to front and pull up to upper side, then remove front door outside molding.

REAR DOOR OUTSIDE MOLDING

1. Fit rear door glass to lower position.
2. Remove rear door sash molding. Refer to EXT-25, "Removal and Installation".
3. Remove rear door outside molding fixing screw adhesive cover.
4. Remove rear door outside molding fixing screw.
   CAUTION:
   Attention, the screw might fall into the door.
5. Twist from front to rear and pull up to upper side, then remove rear door outside molding (1).



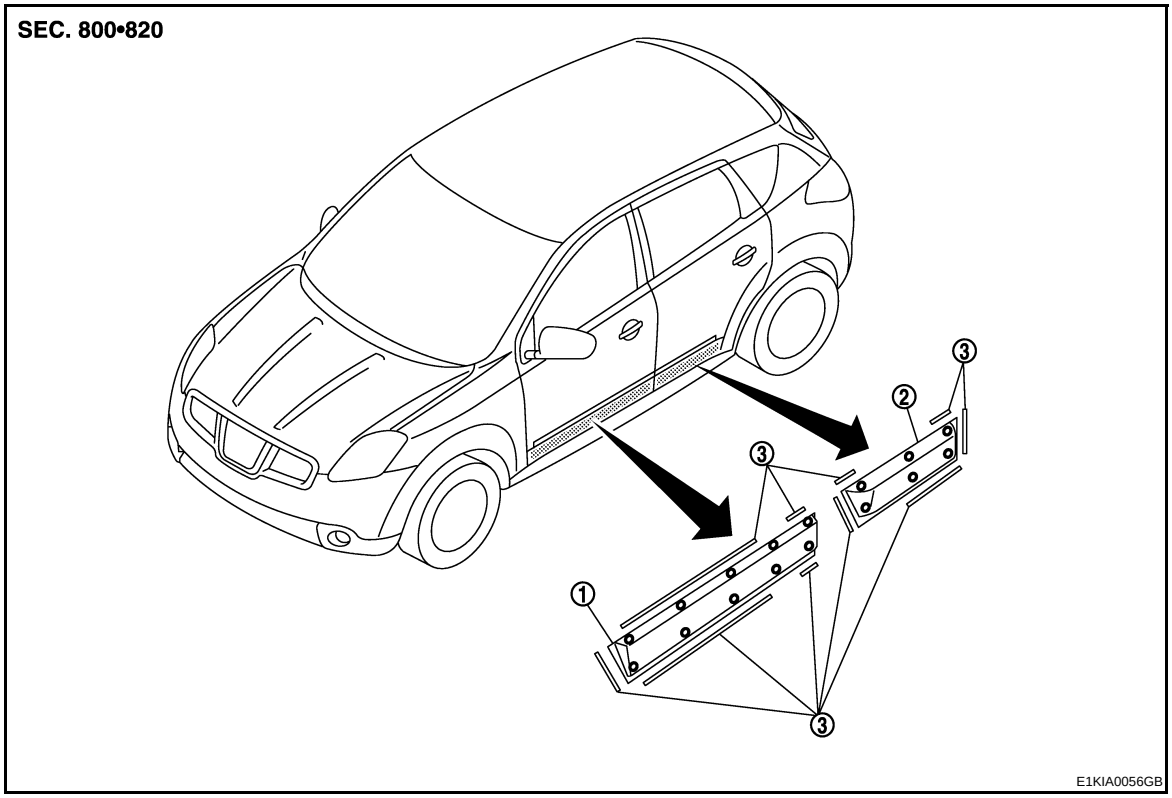
INSTALLATION

Install in the reverse order of removal.

DOOR OUTSIDE LOWER MOLDING

Exploded View

INFOID:0000000001184963



1 Front door outside lower molding 2 Rear door outside lower molding 3 Adhesive tape

clip

Removal and Installation

INFOID:0000000001184964

REMOVAL

FRONT DOOR OUTSIDE LOWER MOLDING

1. Using suitable tool, release adhesive tape from front door.
2. Pull front door outside lower molding upper side outwards to release upper fixing clips.
3. Pull front door outside lower molding outwards to release lower fixing clips.
4. Remove front door outside lower molding.

REAR DOOR OUTSIDE LOWER MOLDING

1. Using suitable tool, release adhesive tape from rear door.
2. Pull rear door outside lower molding upper side outwards to release upper fixing clips.
3. Pull rear door outside lower molding outwards to release lower fixing clips.
4. Remove rear door outside lower molding.

INSTALLATION

Install in the reverse order of removal.

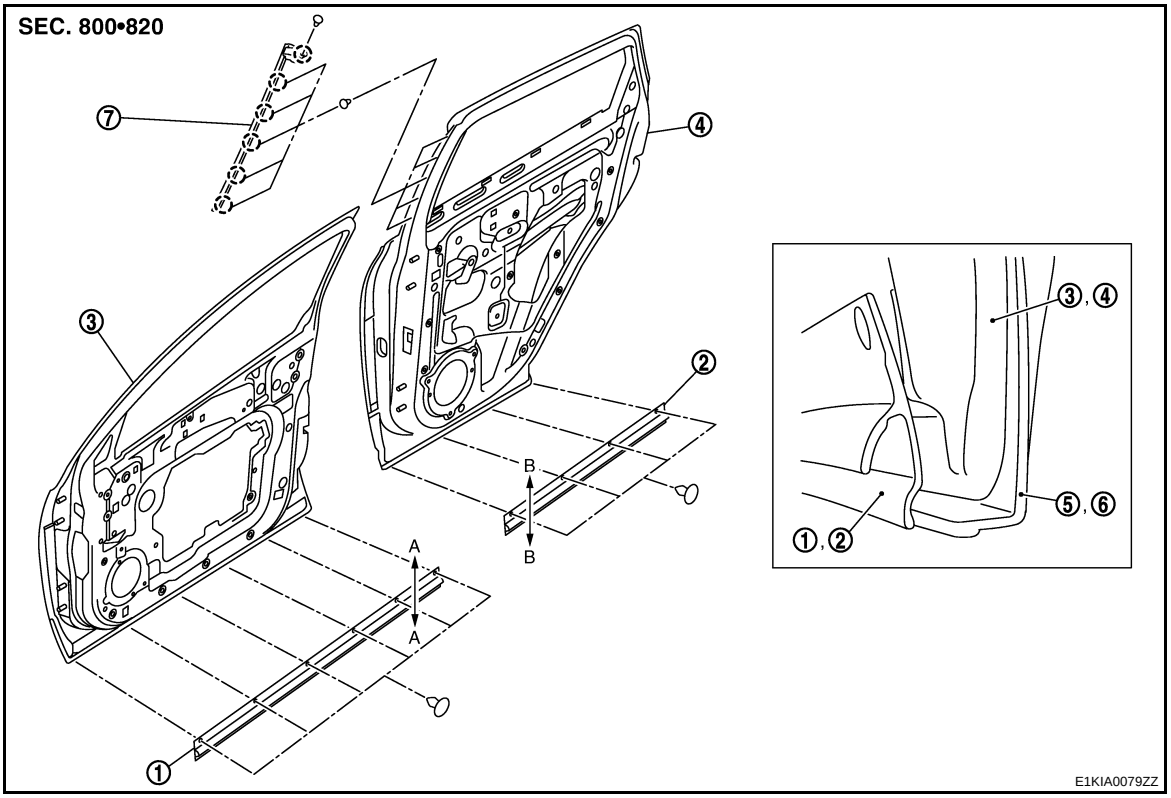
CAUTION:

Always clean body and parts before installation.

DOOR PARTING SEAL

Exploded View

INFOID:0000000001184965



1. Front door parting seal
2. Rear door parting seal
3. Front door panel
4. Rear door panel
5. Front door outside lower molding
6 Rear door outside lower molding
7. Rear door side parting seal

Removal and Installation

INFOID:0000000001184966

REMOVAL

FRONT DOOR PARTING SEAL

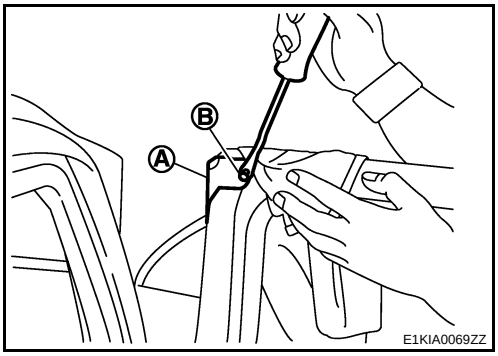
1. Fully open front door.
2. Remove front door parting seal mounting plastic clips.
3. Remove front door parting seal.

REAR DOOR PARTING SEAL

1. Fully open rear door.
2. Remove rear door parting seal plastic mounting clips.
3. Remove rear door parting seal.

REAR DOOR SIDE PARTING SEAL

1. Using clip remover, remove rear door side parting seal (A) upper fixing clip (B).
2. Using clip remover, remove rear door side parting seal side fixing clips.
3. Remove rear door side parting seal.



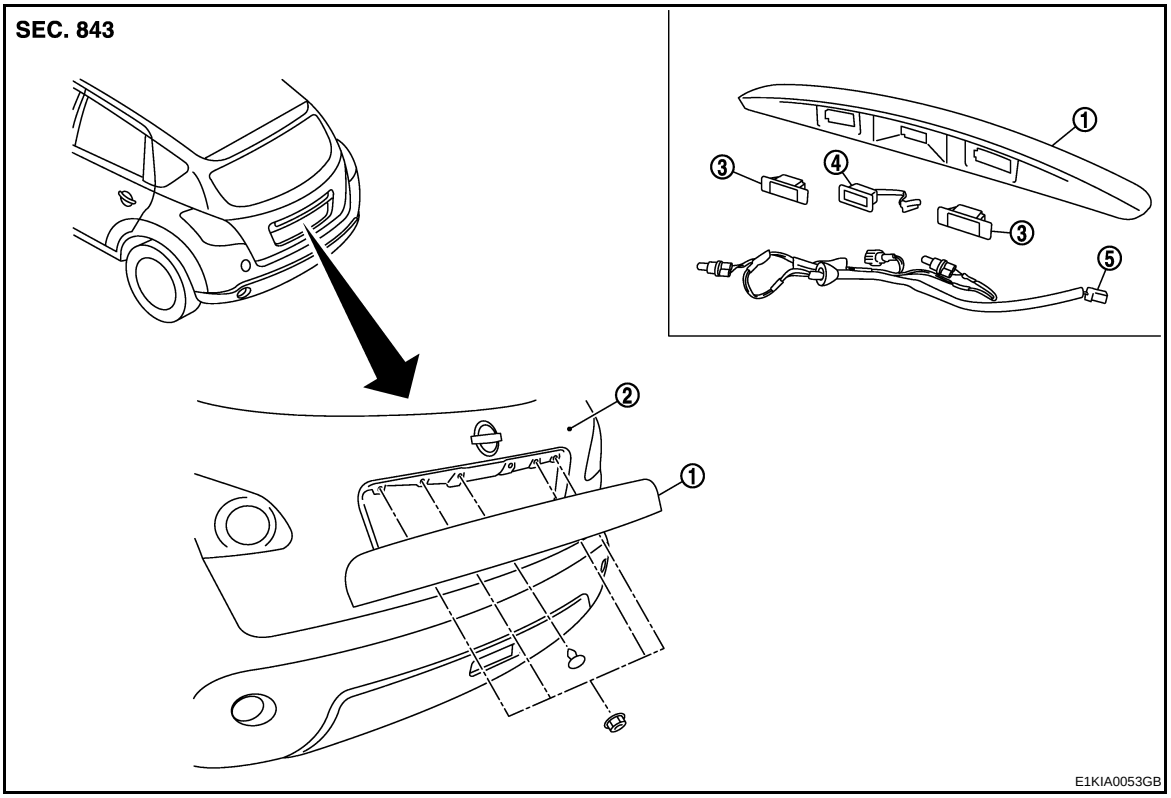
INSTALLATION

Install in the reverse order of removal.

BACK DOOR FINISHER

Exploded View

INFOID:0000000001184967



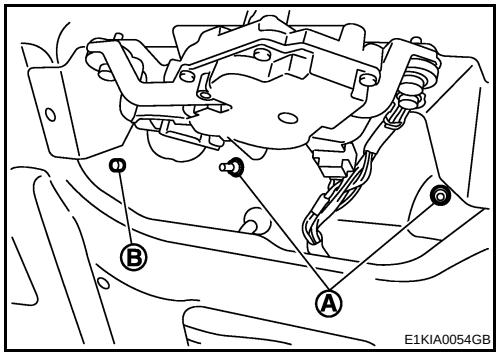
1. Back door finisher
2. Back door panel
3. License plate light
4. Back door opener switch assembly
5. Harness

Removal and Installation

INFOID:0000000001184968

REMOVAL

1. Fully open back door.
2. Remove back door trim. Refer to INT-26, "Removal and Installation".
3. Disconnect rear view camera harness connector (if equipped).
4. Disconnect back door opener request switch, and license plate light harness connector.
5. Remove back door finisher fixing nuts (A) and release back door finisher fixing clip (B).
6. Pull harness grommet outwards from back door to release it.
7. Pull back door finisher to remove it.
8. Remove the following parts after removing back door finisher.
   - License plate light. Refer to EXL-188, "Removal and Installation".
   - Opener request switch harness connector.
   - Opener request switch.
   - Bulb harness and opener switch connector.
   - Back door finisher fixing bolts.
   - Back door finisher fixing clip.



INSTALLATION

Install in the reverse order of removal.