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PRECAUTION

PRECAUTIONS

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

INFOID:0000000013549765

Risk of injury

There is a risk of injury caused by parts becoming projectiles if uncontrolled deployment of air bag or seat belt pre-tensioner occurs, or by storing air bag with the deployment side facing downwards. When scrapping air bag or seat belt pre-tensioner by means of controlled deployment, there is also a danger present if a sufficiently safe distance is not maintained, or if opening using cutting torches or other cutting tools, or due to smelting or if parts that are not yet triggered are exposed to a blaze or a smoldering fire at landfills.

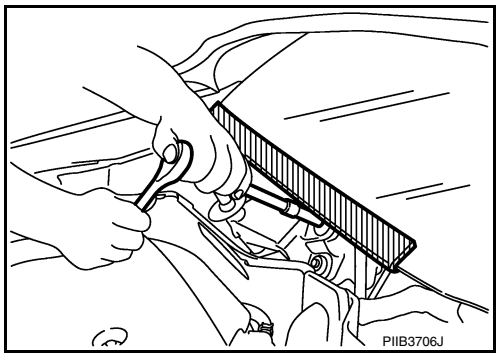
Safety instructions/precautions

- Removed air bag must always be stored with deployment side facing up.
- Acquisition, transportation, storage, testing and assembly work should only be performed or supervised by properly trained personnel.
- Install air bag or seat belt pre-tensioner immediately following retrieval from storage.
- Air bag and seat belt pre-tensioner must be protected from flying sparks, open fires and temperature exceeding 100°C (212°F).
- Never transport air bag and seat belt pre-tensioner in the passenger compartment. Store them securely in the luggage room of the vehicle in their original replacement part packaging and secure them so that they cannot slip around.
- Never allow air bag and seat belt pre-tensioner to come into contact with grease, oil, or cleaning agents.
- Perform system tests using approved testing equipment only, and only when the units are properly installed and the vehicle is unoccupied.
- Before the initial hookup of the battery or an external power supply, the ignition must be switched on and the vehicle unoccupied.
- Air bag and seat belt pre-tensioner that fall from a height of more than 0.5 m must be replaced.
- When scrapping by means of controlled deployment of air bag and seat belt pre-tensioner, a safe distance of at least 10 m must be maintained.
- Before starting work on air bag and seat belt pre-tensioner and work on components that are connected to air bag and seat belt pre-tensioner or require and intervention in their electric circuit (e.g. when removing the steering wheel):
  - Disconnect any external power sources (e.g. charger).
  - Disconnect and insulate ground line of battery
- Before starting bodywork in combination with welding or retrofitting, during which work is performed on uninsulated, current-carrying lines or require an intervention in their electric circuit (e.g. when removing the steering wheel):
  - Disconnect any external power sources (e.g. charger).
  - Disconnect and insulate ground line of battery.
  - During welding, disconnect plug connection and from control unit of air bag.
- When the air bag deploys, the pyrofuse activates and the power source from the battery is disconnected. This prevents possible fires caused by electric leakage after an accident occurs.

Precaution for Procedure without Cowl Top Cover

INFOID:0000000013549766

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

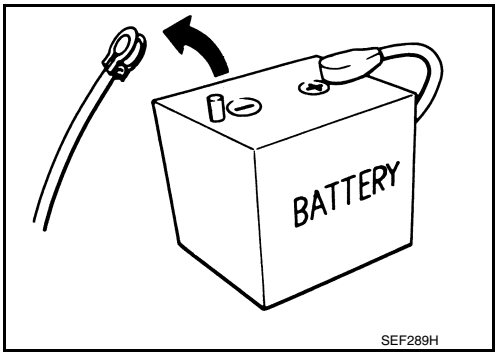


Precautions for Removing Battery Terminal

INFOID:0000000013549767

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.

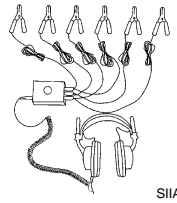
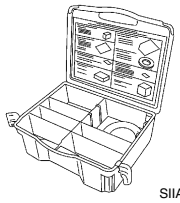
PREPARATION

PREPARATION

Special Service Tools

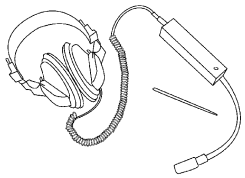
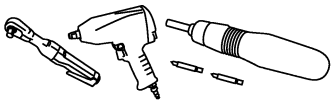
INFOID:0000000013781499

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

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

Commercial Service Tools

INFOID:0000000013549768

Tool name	Description
Engine ear  SIIA0995E	Locates the noise
Power tool  PIIB1407E	

Lubricant or/and Sealant

INFOID:0000000013549769

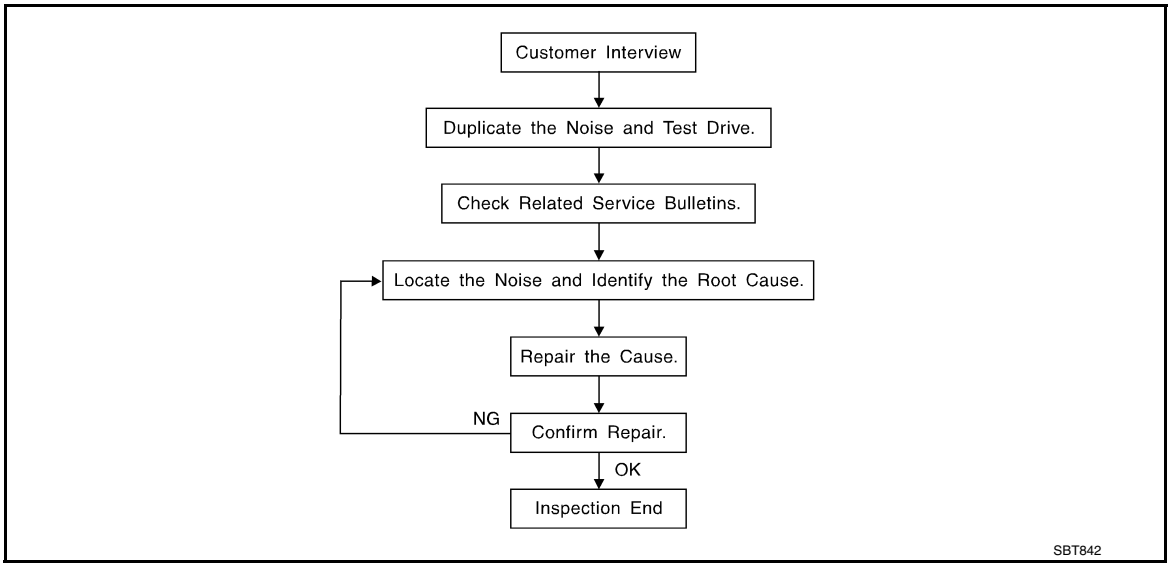
Name	Description	Note
Cavity preservation, solvent-free (1L container)	Front bumper stay	Cavity preservation, solvent-free (Pfinder KG) or equivalent
Cleaner	• FR/RR fillet molding attachment surface of front fender and body side outer • Rear spoiler attachment surface of back door • Back door finisher attachment surface of back door	Cleaner (Henkel AG&Co. KGaA) or equivalent

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:0000000013781633



CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any customer comments. Refer to EXT-11, "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 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 that the customer, service adviser, and technician use the same language when describing 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 = high-pitched noise / softer surfaces = low-pitched 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 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 sounds / 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 / dull sounds often brought on by activity.
- Buzz – (Like a bumblebee)
  Buzz characteristics include high frequency rattle / firm contact.
- Often the degree of acceptable noise level varies depending upon the person. A noise that a technician may judge as acceptable may be very irritating to a 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 the repair is reconfirmed.
If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following items:
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 the 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 to be the cause of the noise.
  Do not use too much force when removing clips and fasteners, otherwise clips and fasteners can be broken or lost during the repair, resulting in the creation of new noise.
- Tapping or pushing/pulling the component that you suspect to be the cause of the noise.
  Do not tap or push/pull the component with excessive force, otherwise the noise is eliminated only temporarily.
- Feeling for a vibration by hand by touching the component(s) that is (are) suspected to be the cause of the noise.
- Placing a piece of paper between components that you suspect to be the cause of the noise.
- Looking for loose components and contact marks.
  Refer to EXT-9, "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 components, 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 the 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). Each item can be ordered separately as needed.
URETHANE PADS [1.5 mm (0.059 in) thick]
Insulates connectors, harness, etc.
- 76268-9E005: 100 × 135 mm (3.937 × 5.315 in)
- 76884-71L01: 60 × 85 mm (2.362 × 3.346 in)
- 76884-71L02: 15 × 25 mm (0.591 × 0.984 in)

INSULATOR (Foam blocks)
Insulates components from contact. Can be used to fill space behind a panel.
- 73982-9E000: 45 mm (1.772 in) thick, 50 × 50 mm (1.969 × 1.969 in)
- 73982-50Y00: 10 mm (0.394 in) thick, 50 × 50 mm (1.969 × 1.969 in)

INSULATOR (Light foam block)
80845-71L00: 30 mm (1.181 in) thick, 30 × 50 mm (1.181 × 1.969in)
FELT CLOTHTAPE

Used to insulate where movement does not occur. Ideal for instrument panel applications.
- 68370-4B000: 15 × 25 mm (0.591 × 0.984 in) pad
- 68239-13E00: 5 mm (0.197 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 is visible or does not fit. Only lasts a few months.

SILICONE SPRAY
Used when grease cannot be applied.

DUCT TAPE
Used to eliminate movement.

CONFIRM THE REPAIR

After repair is complete, test drive the vehicle to confirm that the cause of 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:0000000013781634

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 the area is saturated with silicone, the recheck of repair becomes impossible.

CENTER CONSOLE

Components to check 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

Check the following items:

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

Tapping, moving the components, or pressing on them while driving to duplicate the conditions can isolate many of these incidents. The areas can usually be insulated with felt cloth tape or insulator foam blocks 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 customer.
In addition check for the following items:

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 items:

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 occurs. These conditions should be duplicated when verifying and isolating the cause of the noise.

Causes of seat noise include:

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

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

UNDERHOOD

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

Causes of transmitted underhood noise include:

1. Any component 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

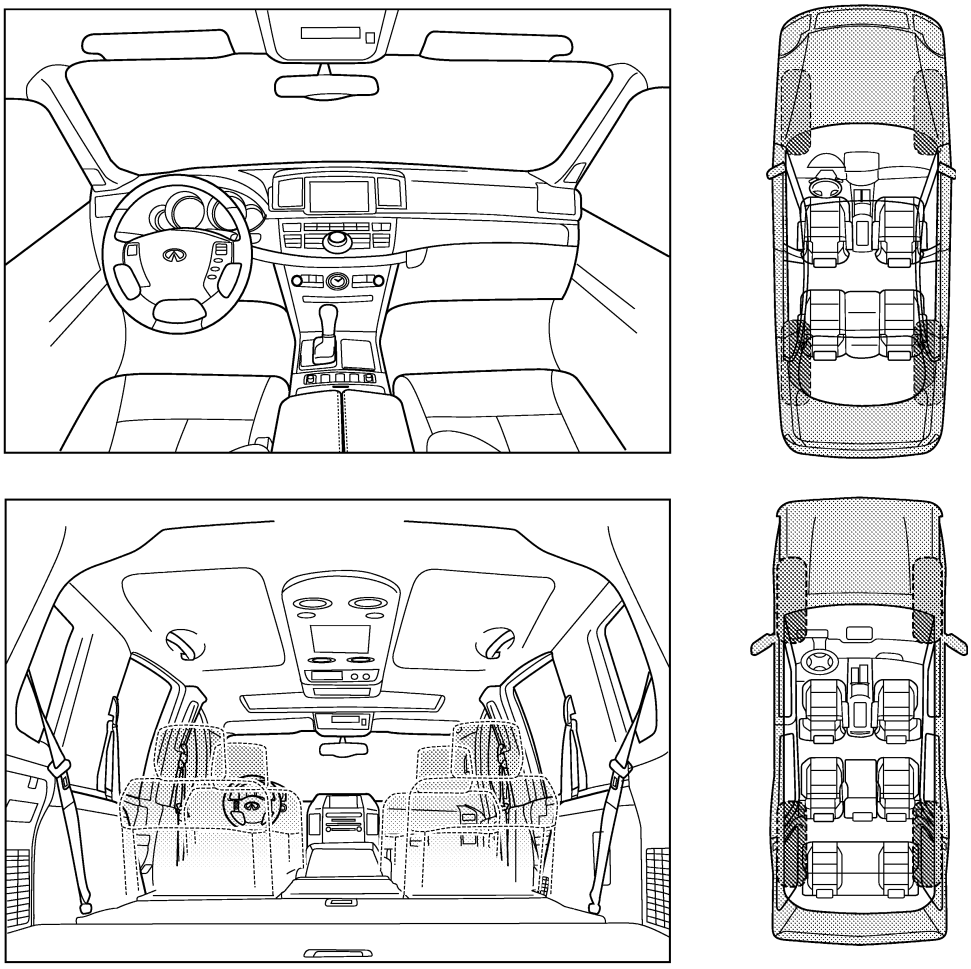
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INFINITI

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.

PIIB8741E

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

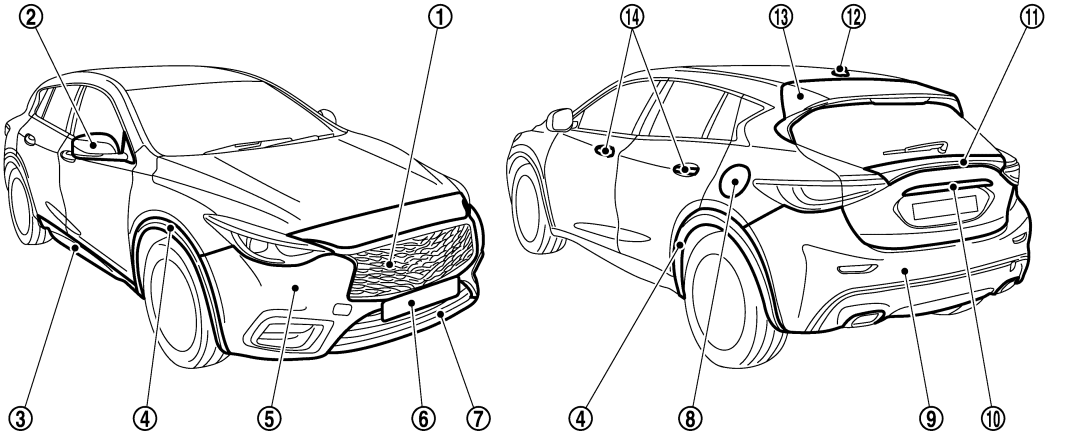
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VEHICLE INFORMATION

BODY EXTERIOR PAINT COLOR

Body Exterior Paint Color

INFOID:0000000013549773



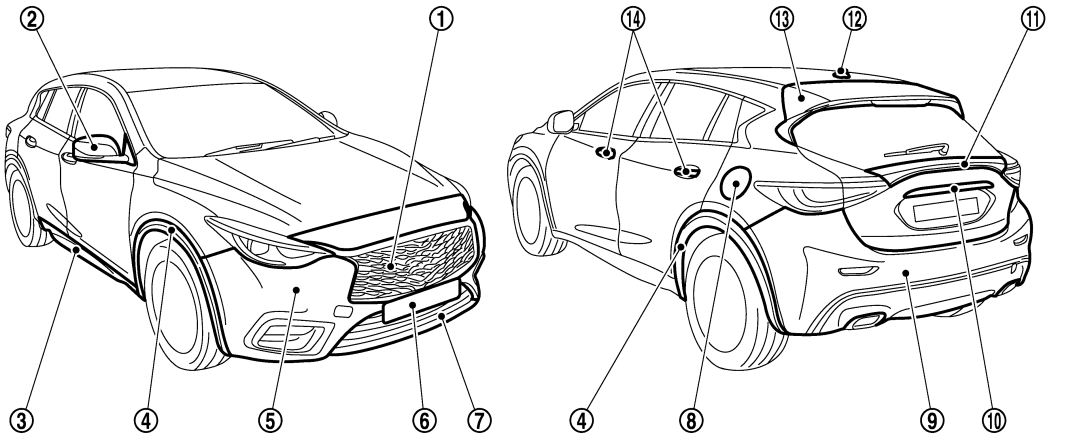
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Component				Color code	BCAN	BGAC	BKAD	BKH3	BKY0
				Description	Brown	Black	Gray	Black	Silver
				Paint type [note]	2M	2P	2M	2S	2M
				Hard clear coat	×	×	×	×	×
①	Front grille	Outer finisher		Chromium plate	Cr	Cr	Cr	Cr	Cr
		Inner mesh	Sport grade	Black	Black	Black	Black	Black	Black
			Except for sport grade	Dark metallic	Dark metallic	Dark metallic	Dark metallic	Dark metallic	Dark metallic
	Front emblem			Chromium plate	Cr	Cr	Cr	Cr	Cr
②	Door mirror cover			Body color	BCAN	BGAC	BKAD	BKH3	BKY0
	Door mirror finisher			Black	Black	Black	Black	Black	Black
	Door mirror housing			Black	Black	Black	Black	Black	Black
③	Sill cover	Upper		Body color	BCAN	BGAC	BKAD	BKH3	BKY0
		Lower	Sport grade	Body color	BCAN	BGAC	BKAD	BKH3	BKY0
			Except for sport grade	Black	Black	Black	Black	Black	Black
④	Fillet molding			Black	Black	Black	Black	Black	Black
⑤	Front bumper fascia			Body color	BCAN	BGAC	BKAD	BKH3	BKY0
	Front bumper finisher		With front fog lamp	Black	Black	Black	Black	Black	Black
			Without front fog lamp	Material color	–	–	–	–	–
⑥	License plate bracket			Material color	–	–	–	–	–
⑦	Front bumper grille		Sport grade	Black	Black	Black	Black	Black	Black
			Except for sport grade	Material color	–	–	–	–	–
	Front bumper finisher A (Except for sport grade)			Silver	Silver	Silver	Silver	Silver	Silver
⑧	Fuel filler lid assembly			Body color	BCAN	BGAC	BKAD	BKH3	BKY0

Component			Color code	BCAN	BGAC	BKAD	BKH3	BKY0
			Description	Brown	Black	Gray	Black	Silver
			Paint type [note]	2M	2P	2M	2S	2M
			Hard clear coat	×	×	×	×	×
⑨	Rear bumper fascia		Body color	BCAN	BGAC	BKAD	BKH3	BKY0
	Rear bumper molding	Sport grade	Body color	BCAN	BGAC	BKAD	BKH3	BKY0
		Except for sport grade	Black	Black	Black	Black	Black	Black
			Material color	–	–	–	–	–
⑩	Back door finisher	Outer	Body color	BCAN	BGAC	BKAD	BKH3	BKY0
		Inner	Material color	–	–	–	–	–
		Emblem	Chromium plate	Cr	Cr	Cr	Cr	Cr
⑪	Back door finisher upper	Upper	Black	Black	Black	Black	Black	Black
		Lower	Chromium plate	Cr	Cr	Cr	Cr	Cr
⑫	DAB antenna cover		Body color	BCAN	BGAC	BKAD	BKH3	BKY0
⑬	Rear spoiler	Outer	Body color	BCAN	BGAC	BKAD	BKH3	BKY0
		Inner	Material color	–	–	–	–	–
		Lower	Black	Black	Black	Black	Black	Black
	Side spoiler	Outer	Black	Black	Black	Black	Black	Black
		Inner	Material color	–	–	–	–	–
⑭	Outside handle grip	Cover	Chromium plate	Cr	Cr	Cr	Cr	Cr
		Body	Body color	BCAN	BGAC	BKAD	BKH3	BKY0
	Outside handle escutcheon	Cover	Chromium plate	Cr	Cr	Cr	Cr	Cr
		Body	Body color	BCAN	BGAC	BKAD	BKH3	BKY0

NOTE:

- 2M: 2-coat metallic
- 2P: 2-coat pearl
- 2S: 2-coat solid



JSKIA7463ZZ

Component				Color code	BNAJ	BNAX	BQAB	BRBN
				Description	Red	Grayish Pink	White	Blue
				Paint type [note]	2PM	2M	3P	2M
				Hard clear coat	×	×	×	×
①	Front grille	Outer finisher		Chromium plate	Cr	Cr	Cr	Cr
		Inner mesh	Sport grade	Black	Black	Black	Black	Black
			Except for sport grade	Dark metallic	Dark metallic	Dark metallic	Dark metallic	Dark metallic
	Front emblem			Chromium plate	Cr	Cr	Cr	Cr
②	Door mirror cover			Body color	BNAJ	BNAX	BQAB	BRBN
	Door mirror finisher			Black	Black	Black	Black	Black
	Door mirror housing			Black	Black	Black	Black	Black
③	Sill cover	Upper		Body color	BNAJ	BNAX	BQAB	BRBN
		Lower	Sport grade	Body color	BNAJ	BNAX	BQAB	BRBN
			Except for sport grade	Black	Black	Black	Black	Black
④	Fillet molding			Black	Black	Black	Black	Black
⑤	Front bumper fascia			Body color	BNAJ	BNAX	BQAB	BRBN
	Front bumper finisher		With front fog lamp	Black	Black	Black	Black	Black
			Without front fog lamp	Material color	–	–	–	–
⑥	License plate bracket			Material color	–	–	–	–
⑦	Front bumper grille		Sport grade	Black	Black	Black	Black	Black
			Except for sport grade	Material color	–	–	–	–
	Front bumper finisher A (Except for sport grade)			Silver	Silver	Silver	Silver	Silver
⑧	Fuel filler lid assembly			Body color	BNAJ	BNAX	BQAB	BRBN
⑨	Rear bumper fascia			Body color	BNAJ	BNAX	BQAB	BRBN
	Rear bumper molding		Sport grade	Body color	BNAJ	BNAX	BQAB	BRBN
			Except for sport grade	Black	Black	Black	Black	Black
				Material color	–	–	–	–
⑩	Back door finisher		Outer	Body color	BNAJ	BNAX	BQAB	BRBN
			Inner	Material color	–	–	–	–
			Emblem	Chromium plate	Cr	Cr	Cr	Cr
⑪	Back door finisher upper		Upper	Black	Black	Black	Black	Black
			Lower	Chromium plate	Cr	Cr	Cr	Cr
⑫	DAB antenna cover			Body color	BNAJ	BNAX	BQAB	BRBN
⑬	Rear spoiler		Outer	Body color	BNAJ	BNAX	BQAB	BRBN
			Inner	Material color	–	–	–	–
			Lower	Black	Black	Black	Black	Black
	Side spoiler		Outer	Black	Black	Black	Black	Black
			Inner	Material color	–	–	–	–

Component			Color code	BNAJ	BNAX	BQAB	BRBN
			Description	Red	Grayish Pink	White	Blue
			Paint type [note]	2PM	2M	3P	2M
			Hard clear coat	×	×	×	×
⑭	Outside handle grip	Cover	Chromium plate	Cr	Cr	Cr	Cr
		Body	Body color	BNAJ	BNAX	BQAB	BRBN
	Outside handle escutcheon	Cover	Chromium plate	Cr	Cr	Cr	Cr
		Body	Body color	BNAJ	BNAX	BQAB	BRBN

NOTE:

- 2M: 2-coat metallic
- 3P: 3-coat pearl
- 2PM: 2-coat pearl metallic

REMOVAL AND INSTALLATION

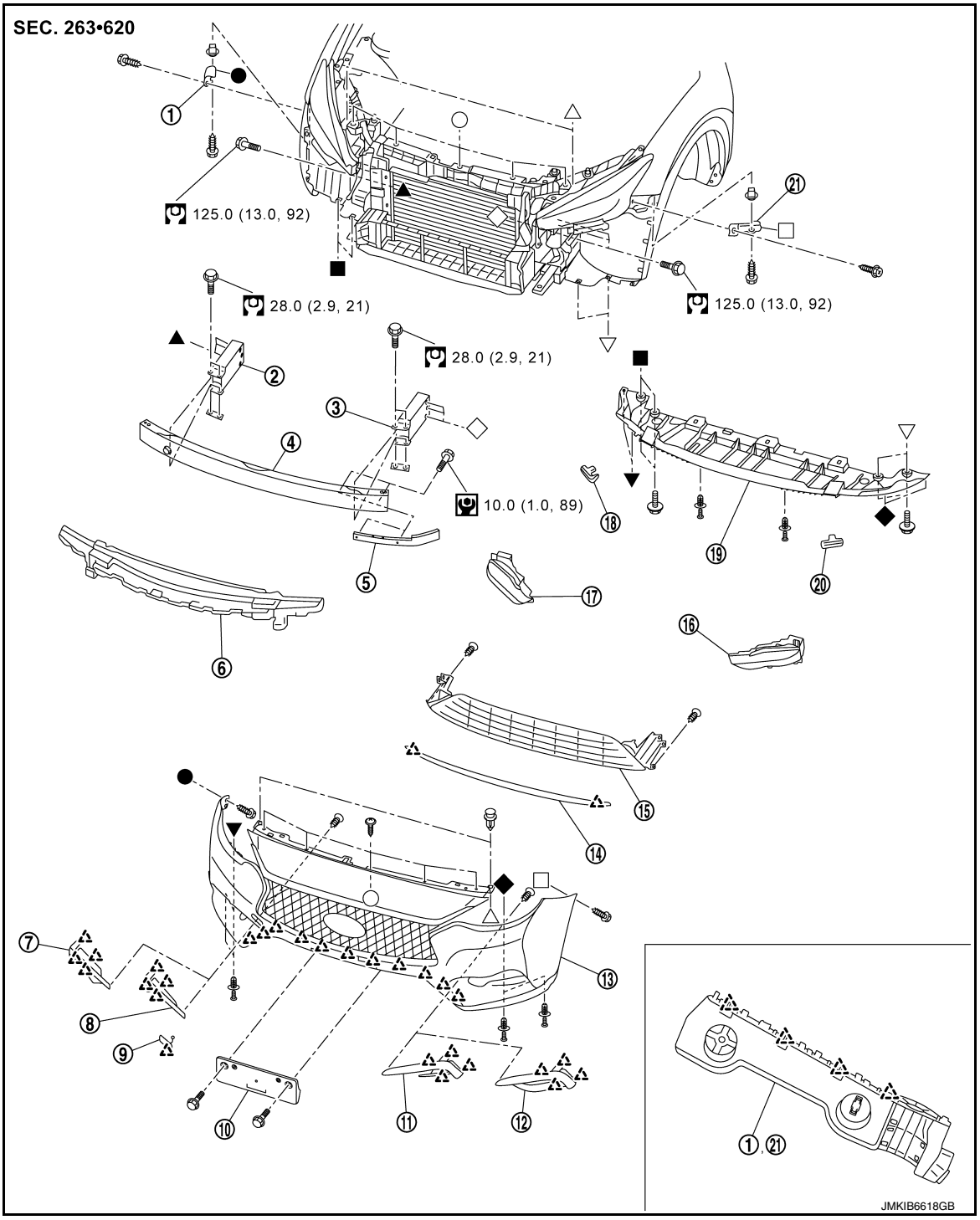
FRONT BUMPER

Exploded View

INFOID:0000000013549774

2WD MODELS

Standard Models



① Front bumper side bracket RH	② Front bumper stay RH	③ Front bumper stay LH
④ Front bumper reinforcement	⑤ Front bumper protector LH (if equipped)	⑥ Front bumper energy absorber (if equipped)
⑦ Front bumper finisher RH (without front fog lamp)	⑧ Front bumper finisher RH (with front fog lamp)	⑨ Bumper bracket cover
⑩ License plate bracket	⑪ Front bumper finisher LH (with front fog lamp)	⑫ Front bumper finisher LH (without front fog lamp)
⑬ Front bumper fascia	⑭ Front bumper finisher A	⑮ Front bumper grille
⑯ Front fog lamp LH (if equipped)	⑰ Front fog lamp RH (if equipped)	⑱ Front bumper energy absorber RH
⑲ Apron bracket	⑳ Front bumper energy absorber LH	㉑ Front bumper side bracket LH

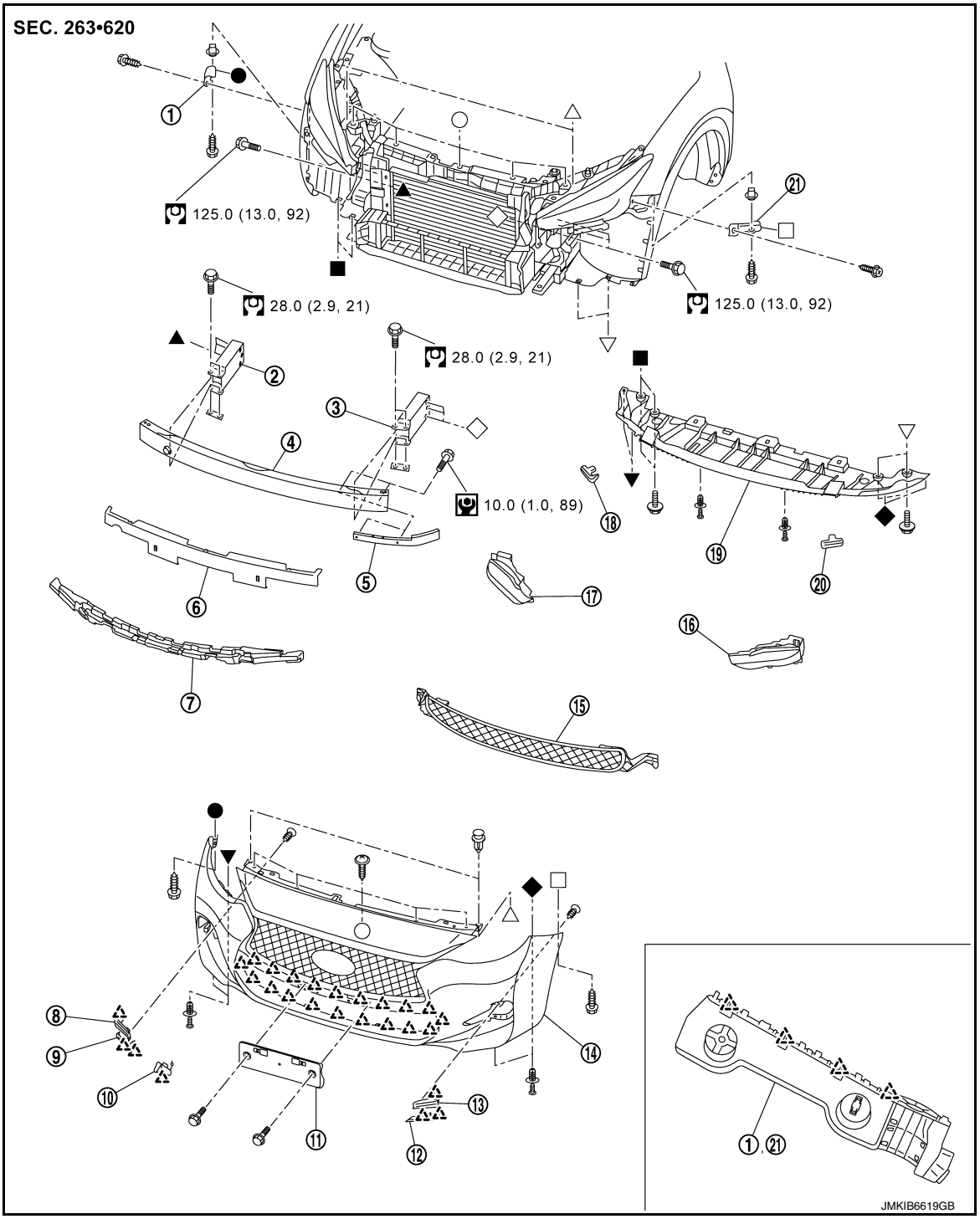
: Pawl

: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

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

Sports Models



① Front bumper side bracket RH	② Front bumper stay RH	③ Front bumper stay LH
④ Front bumper reinforcement	⑤ Front bumper protector LH (if equipped)	⑥ Front bumper bracket (if equipped)
⑦ Front bumper energy absorber (if equipped)	⑧ Front bumper finisher upper RH	⑨ Front bumper finisher lower RH
⑩ Bumper bracket cover	⑪ License plate bracket	⑫ Front bumper finisher lower LH
⑬ Front bumper finisher upper LH	⑭ Front bumper fascia	⑮ Front bumper grille
⑯ Front fog lamp LH	⑰ Front fog lamp RH	⑱ Front bumper energy absorber RH
⑲ Apron bracket	⑳ Front bumper energy absorber LH	㉑ Front bumper side bracket LH

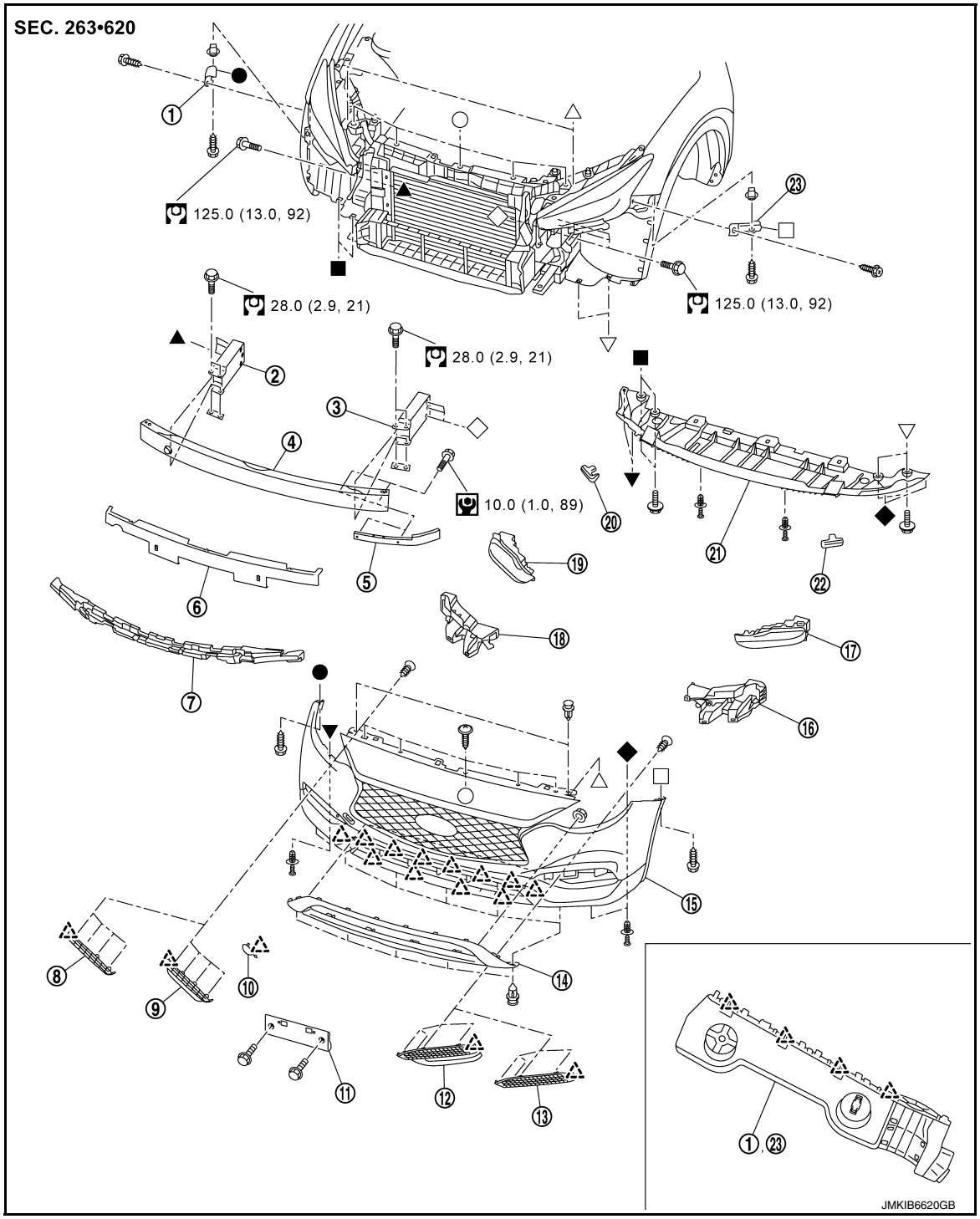
△△ : Pawl

: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

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

AWD MODELS



① Front bumper side bracket RH	② Front bumper stay RH	③ Front bumper stay LH
④ Front bumper reinforcement	⑤ Front bumper protector LH (if equipped)	⑥ Front bumper bracket (if equipped)
⑦ Front bumper energy absorber (if equipped)	⑧ Front bumper finisher RH (without front fog lamp)	⑨ Front bumper finisher RH (with front fog lamp)

⑩ Bumper bracket cover	⑪ License plate bracket	⑫ Front bumper finisher LH (with front fog lamp)
⑬ Front bumper finisher LH (without front fog lamp)	⑭ Front bumper grille	⑮ Front bumper fascia
⑯ Front fog lamp bracket LH (if equipped)	⑰ Front fog lamp LH (if equipped)	⑱ Front fog lamp bracket RH (if equipped)
⑲ Front fog lamp RH (if equipped)	⑳ Front bumper energy absorber RH	㉑ Apron bracket
㉒ Front bumper energy absorber LH	㉓ Front bumper side bracket LH	

: Pawl

: N·m (kg-m, in-lb)

: N·m (kg-m, ft-lb)

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

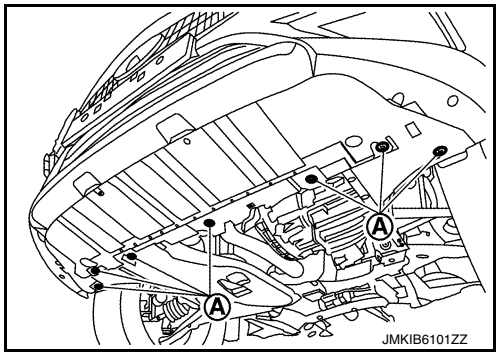
Removal and Installation

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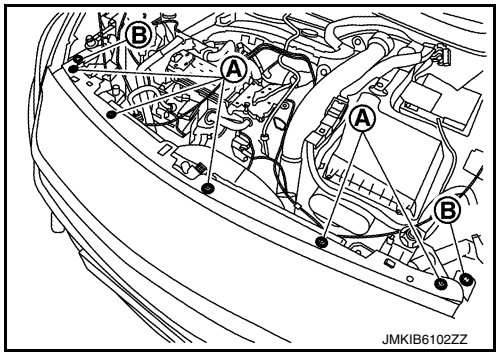
CAUTION:
Bumper fascia is made of resin. Never apply strong force to it, and be careful to prevent contact with oil.

REMOVAL

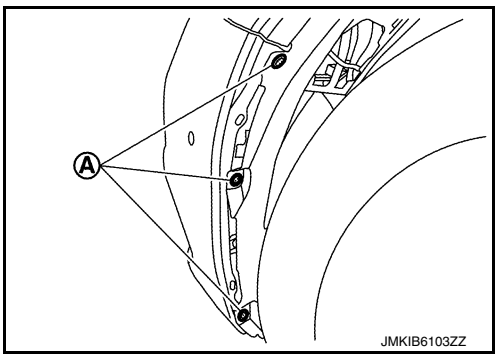
1. Fully open hood assembly.
2. Remove front side of front fillet molding (LH and RH). Refer to EXT-37, "FRONT FILLET MOLDING : Removal and Installation".
3. Remove front bumper fascia mounting bolts Ⓐ of lower side.



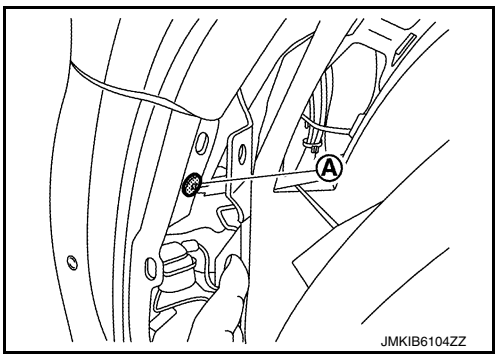
4. Remove front bumper fascia fixing screws Ⓐ and clips Ⓑ of upper side.



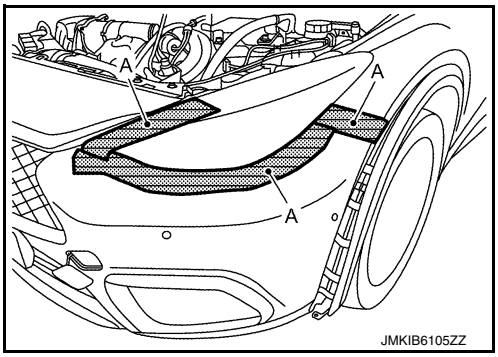
5. Remove front fender protector fixing clips Ⓐ of front side (LH and RH).



6. Remove front bumper fascia fixing screw Ⓐ (LH and RH).



7. Apply protective tapes (A) on the part to protect it from damage.

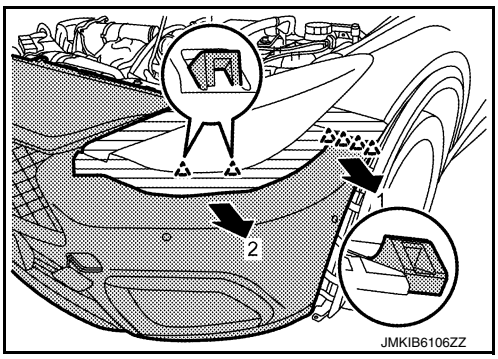


8. Pull front bumper fascia side toward the vehicle side to disengage the fitting of front bumper side bracket and front bumper fascia side according to the numerical order 1→2 as shown by the arrows in the figure.

CAUTION:

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

: Pawl



9. Disconnect front camera harness connector. (if equipped)
10. Disconnect front fog lamp harness connector and harness clip (LH and RH). (if equipped)
11. Disconnect front sonar sensor harness connector. (if equipped)
12. Remove front bumper fascia.
13. Remove the following parts after removing front bumper fascia.
    - Front fog lamp. Refer to EXL-294, "Removal and Installation". (if equipped)
    - Front sonar sensor. Refer to SN-202, "FRONT : Removal and Installation". (if equipped)
    - Front grille. Refer to EXT-32, "Removal and Installation".
    - Bumper bracket cover.
    - Front bumper finisher.
    - License plate bracket.

- Front bumper grille.
- Front bumper finisher A. (for standard models)
- Front bumper energy absorber. (if equipped)
- Front bumper bracket. (if equipped)
- Front bumper energy absorber (LH and RH).
- Apron bracket.

14. Remove front bumper reinforcement.

a. Remove horn. Refer to HRN-16, "Removal and Installation".

b. Remove crash zone sensor. Refer to SR-34, "Removal and Installation".

c. Remove ICC sensor bracket mounting bolts.

d. Remove harness clips.

e. Remove front bumper side retainer.

f. Remove front bumper reinforcement mounting bolts, and then remove front bumper reinforcement.

15. Remove front bumper protector LH mounting bolts, and then remove front bumper protector LH. (if equipped)

16. Remove front bumper stay (LH and RH).

a. Remove radiator core support upper fixing screws.

b. Remove front bumper stay mounting bolts, and then remove front bumper stay (LH and RH).

17. Remove front bumper side bracket (LH and RH).

a. Remove front bumper side bracket fixing screws.

b. Disengage front bumper side bracket fixing pawls, and then remove front side bracket.

INSTALLATION

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

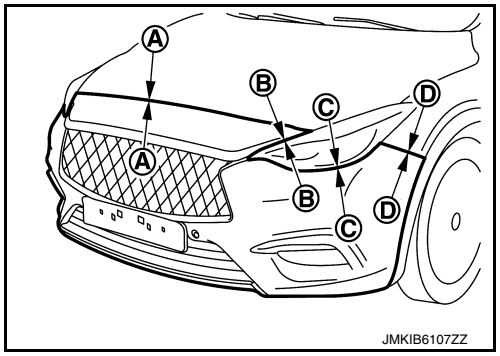
CAUTION:

- **Apply [cavity preservation, solvent-free (1L container) (Pfinder KG) or equivalent] to each connections on vehicle body for anticorrosive.**
- **When installing front bumper stay mounting bolts, install them with the following steps.**

- Tighten bolts to the specified torque. Refer to EXT-17, "Exploded View".
- Loosen front bumper stay mounting bolts.
- Tighten bolts to the specified torque. Refer to EXT-17, "Exploded View".

NOTE:

- The following table shows the specified values for checking normal installation status.
- Fitting adjustment cannot be performed.



Portion		Clearance	Surface height difference
Front bumper fascia – Hood	Ⓐ – Ⓐ	1.6 – 5.4 mm (0.063 – 0.213 in)	(–0.5) – (+2.5) mm [(–0.020) – (+0.098) in]
Front bumper fascia – Front combination lamp	Ⓑ – Ⓑ	0.0 – 4.0 mm (0.000 – 0.157 in)	—

Portion		Clearance	Surface height difference
Front bumper fascia – Front combination lamp	Ⓒ – Ⓒ	0.2 – 2.8 mm (0.008 – 0.110 in)	—
Front bumper fascia – Front fender panel	Ⓓ – Ⓓ	0.0 – 1.1 mm (0.000 – 0.043 in)	(–1.2) – (+0.6) mm [(–0.047) – (+0.024) in]

REAR BUMPER

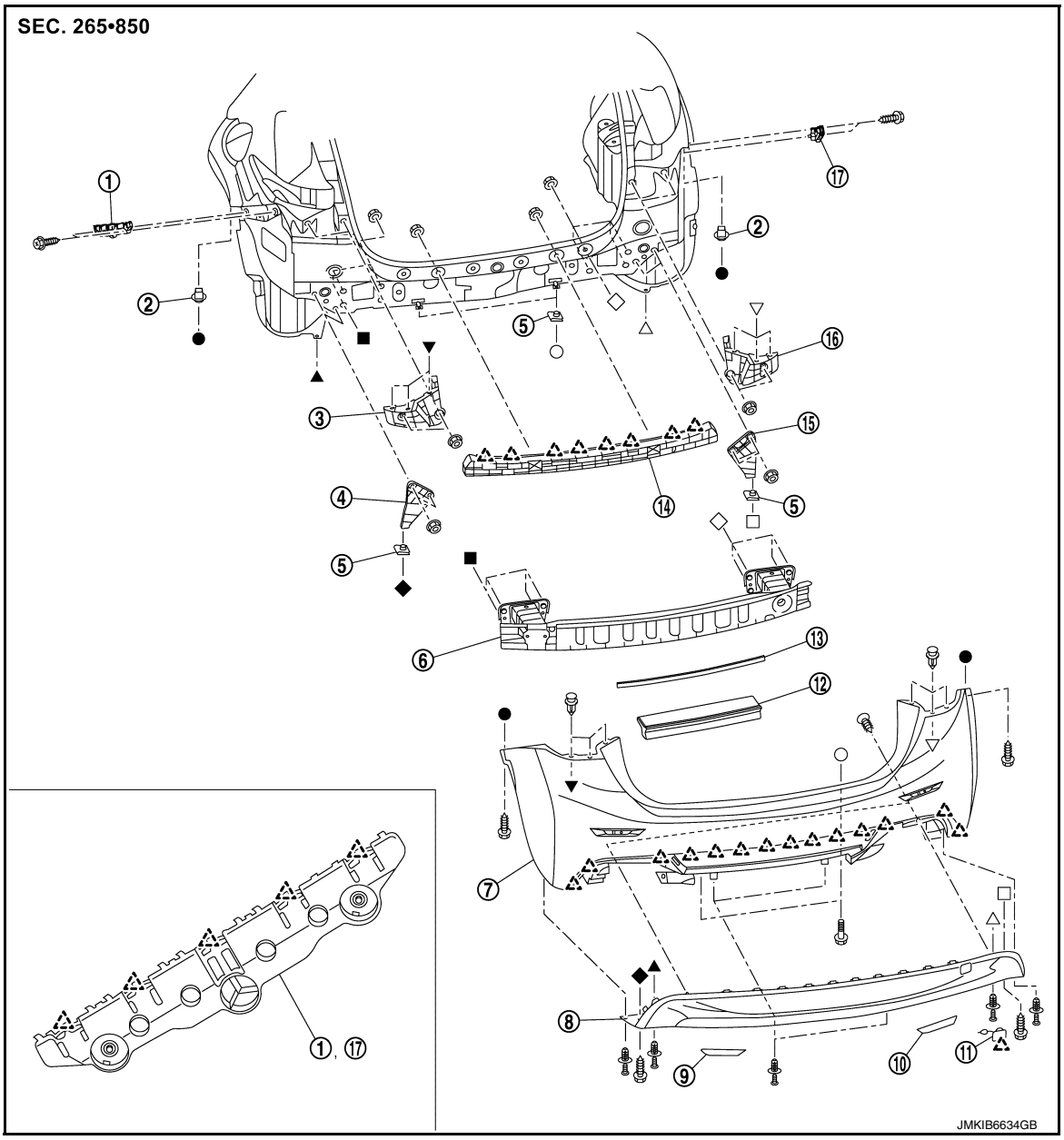
Exploded View

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2WD MODELS

Standard Models

Without exhaust finisher

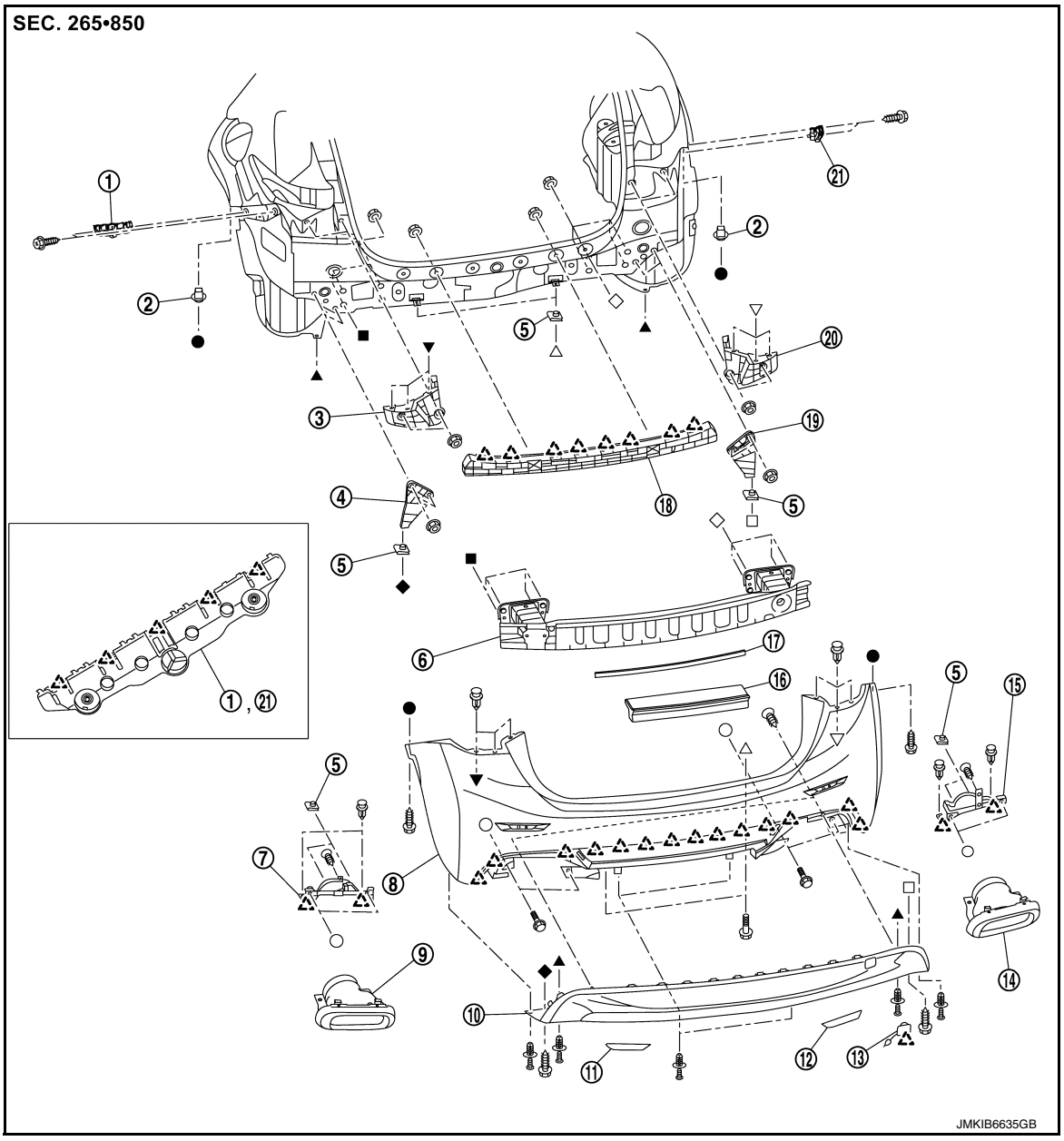


① Rear bumper side bracket LH	② Grommet	③ Rear bumper side retainer LH
④ Rear bumper retainer lower LH	⑤ Spring nut	⑥ Rear bumper reinforcement
⑦ Rear bumper fascia	⑧ Rear bumper molding	⑨ Rear reflex reflector LH
⑩ Rear reflex reflector RH	⑪ Rear bumper finisher	⑫ Rear bumper energy absorber
⑬ Rear bumper spacer	⑭ Rear bumper retainer upper	⑮ Rear bumper retainer lower RH
⑯ Rear bumper side retainer RH	⑰ Rear bumper side bracket RH	

△ : Pawl

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

With exhaust finisher



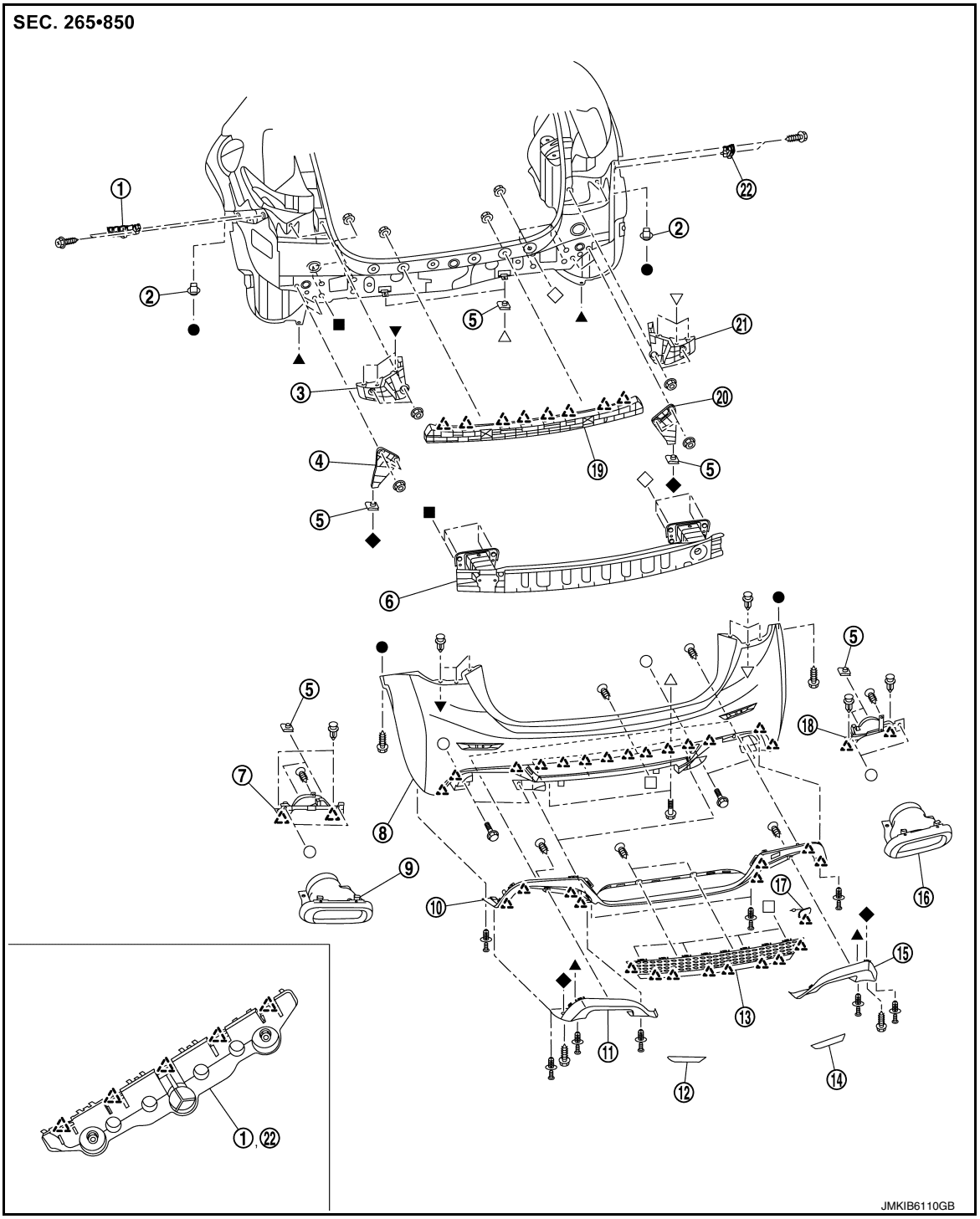
① Rear bumper side bracket LH	② Grommet	③ Rear bumper side retainer LH
④ Rear bumper retainer lower LH	⑤ Spring nut	⑥ Rear bumper reinforcement
⑦ Rear bumper finisher lower LH	⑧ Rear bumper fascia	⑨ Exhaust finisher LH
⑩ Rear bumper molding	⑪ Rear reflex reflector LH	⑫ Rear reflex reflector RH
⑬ Rear bumper finisher	⑭ Exhaust finisher RH	⑮ Rear bumper finisher lower RH
⑯ Rear bumper energy absorber	⑰ Rear bumper spacer	⑱ Rear bumper retainer upper
⑲ Rear bumper retainer lower RH	⑳ Rear bumper side retainer RH	㉑ Rear bumper side bracket RH

△ : Pawl

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

Sports Models

SEC. 265•850

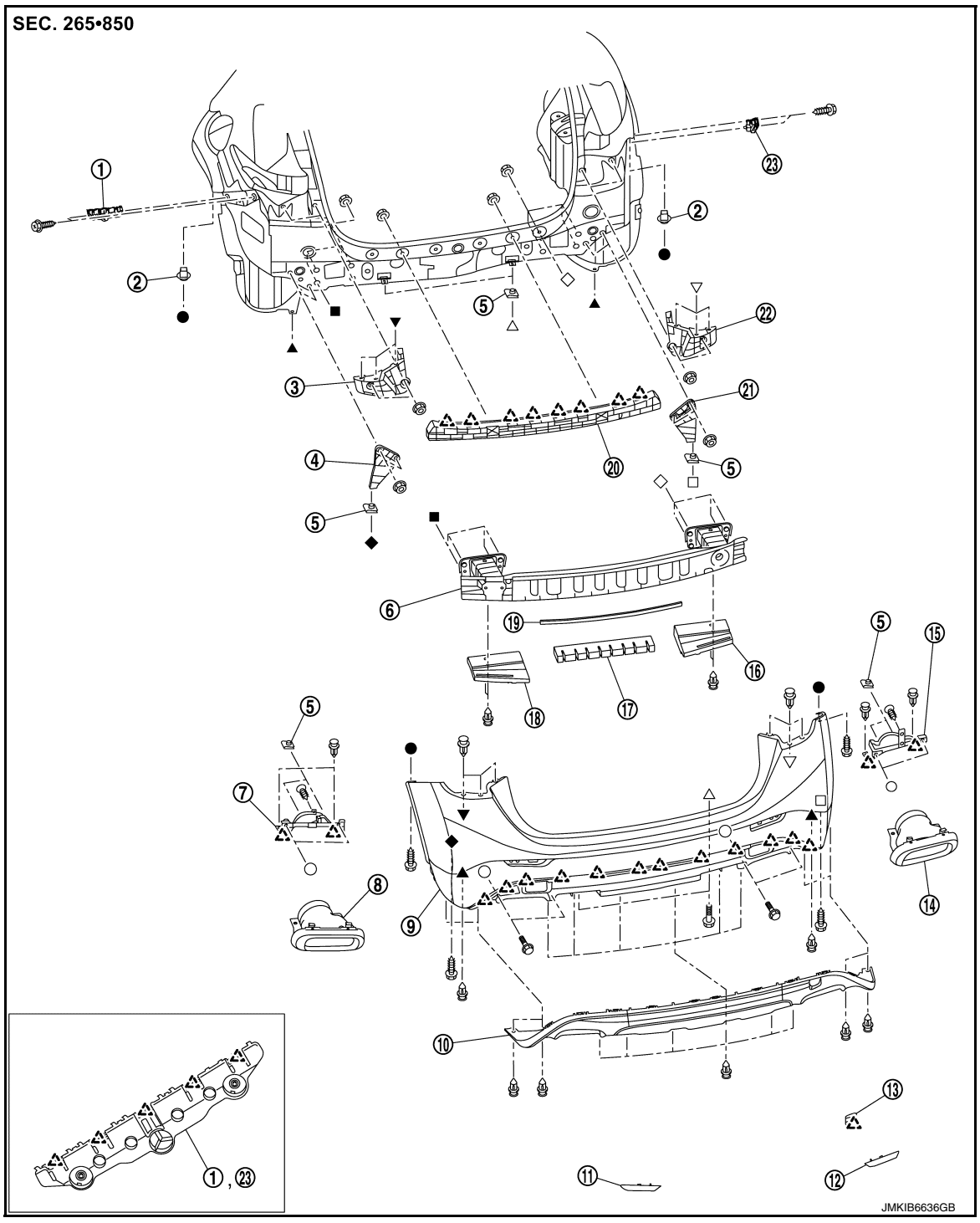


① Rear bumper side bracket LH
② Grommet
③ Rear bumper side retainer LH
④ Rear bumper retainer lower LH
⑤ Spring nut
⑥ Rear bumper reinforcement
⑦ Rear bumper finisher lower LH
⑧ Rear bumper fascia
⑨ Exhaust finisher LH
⑩ Rear bumper molding
⑪ Rear bumper molding lower LH
⑫ Rear reflex reflector LH
⑬ Rear bumper grille
⑭ Rear reflex reflector RH
⑮ Rear bumper molding lower RH
⑯ Exhaust finisher RH
⑰ Rear bumper finisher
⑱ Rear bumper finisher lower RH
⑲ Rear bumper retainer upper
⑳ Rear bumper retainer lower RH
㉑ Rear bumper side retainer RH
㉒ Rear bumper side bracket RH

: Pawl

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

AWD MODELS



① Rear bumper side bracket LH
② Grommet
③ Rear bumper side retainer LH
④ Rear bumper retainer lower LH
⑤ Spring nut
⑥ Rear bumper reinforcement
⑦ Rear bumper finisher lower LH
⑧ Exhaust finisher LH
⑨ Rear bumper fascia
⑩ Rear bumper molding
⑪ Rear reflex reflector LH
⑫ Rear reflex reflector RH
⑬ Rear bumper finisher
⑭ Exhaust finisher RH
⑮ Rear bumper finisher lower RH

⑯ Rear bumper bracket RH ⑰ Rear bumper energy absorber ⑱ Rear bumper bracket LH
⑲ Rear bumper spacer ⑳ Rear bumper retainer upper ㉑ Rear bumper retainer lower RH
㉒ Rear bumper side retainer RH ㉓ Rear bumper side bracket RH
: Pawl
●, ▲, ■, ▼, ◆, ○, △, □, ▽, ◇: Indicates that the part is connected at points with same symbol in actual vehicle.

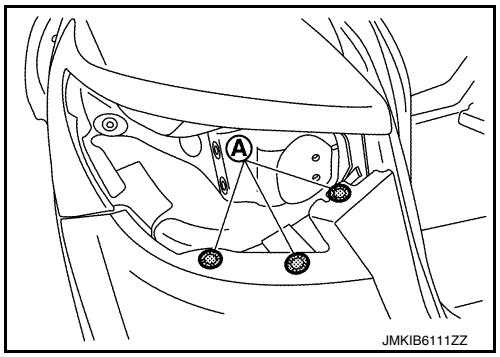
Removal and Installation

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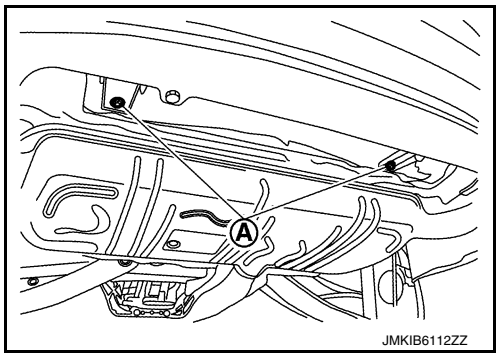
CAUTION:
Bumper fascia is made of resin. Never apply strong force to it, and be careful to prevent contact with oil.

REMOVAL

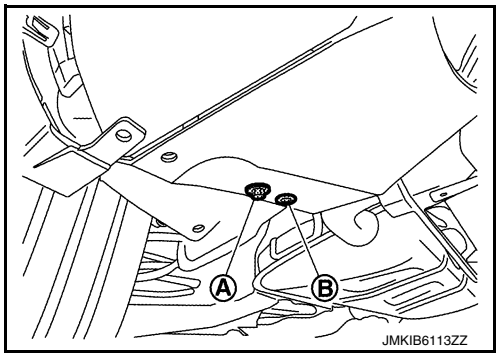
1. Fully open back door.
2. Remove rear combination lamp (body side). Refer to EXL-304, "REAR COMBINATION LAMP (BODY SIDE) : Removal and Installation".
3. Remove back side of rear fillet molding (LH and RH). Refer to EXT-39, "REAR FILLET MOLDING : Removal and Installation".
4. Remove rear bumper fascia fixing clips Ⓐ of upper side.



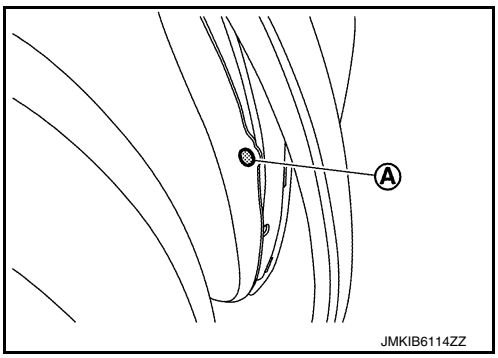
5. Remove rear bumper fascia fixing screws Ⓐ of lower side.



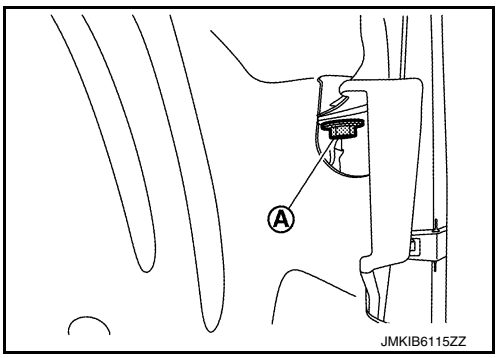
6. Remove rear bumper fascia fixing screw Ⓐ and clip Ⓑ of lower side.



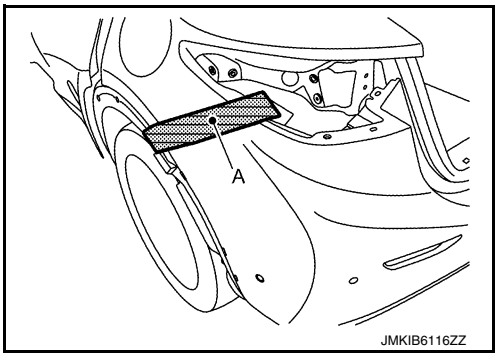
7. Remove rear wheel house protector fixing clip Ⓐ.



8. Remove rear bumper fascia fixing screw Ⓐ.



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

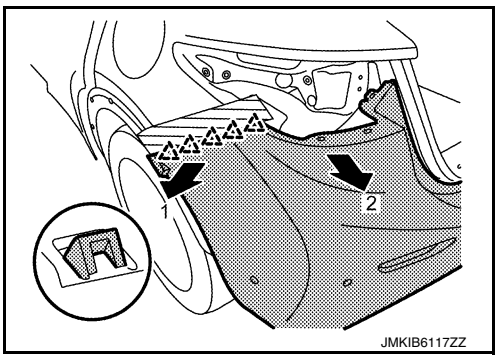


10. Pull rear bumper fascia assembly side toward the vehicle side to disengage the fitting of rear bumper side bracket and rear bumper fascia assembly side according to the numerical order 1→2 as shown by the arrows in the figure.

CAUTION:

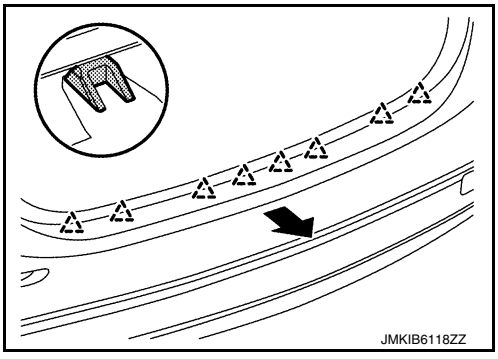
When removing bumper fascia, 2 workers are required so as to prevent it from dropping.

: Pawl



11. Disengage rear bumper fixing pawls, and then remove rear bumper fascia.

: Pawl



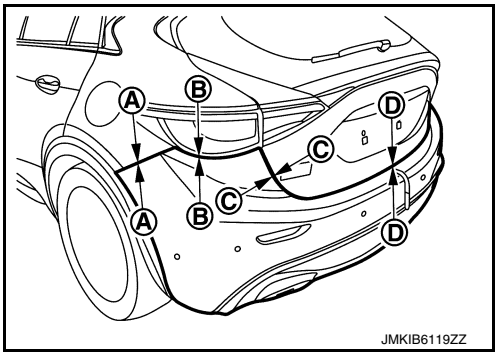
12. Remove rear sonar sensor harness connector. (if equipped)
13. Remove the following parts after removing rear bumper fascia.
    - Reflex reflector. Refer to EXL-311, "Removal and Installation".
    - Rear sonar sensor. Refer to SN-205, "REAR : Removal and Installation". (if equipped)
    - Rear bumper finisher.
    - Rear bumper molding.
    - Rear bumper finisher lower. (except for standard models without exhaust finisher)
    - Exhaust finisher. (except for standard models without exhaust finisher)
    - Rear bumper grille. (for sports models)
    - Rear bumper molding lower. (for sports models)
14. Remove rear bumper spacer. (except for sports models)
15. Remove rear bumper energy absorber. (except for sports models)
16. Remove rear bumper bracket fixing clips, and then remove rear bumper bracket (LH and RH). (for AWD models)
17. Remove rear bumper side retainer mounting nuts, and then rear bumper side retainer (LH and RH).
18. Remove rear bumper retainer lower mounting nuts, and then rear bumper retainer lower (LH and RH).
19. Remove rear bumper retainer upper mounting nuts, and then rear bumper retainer upper.
    CAUTION:
    When removing rear bumper retainer upper mounting nuts, use the deep socket with the length more than 100 mm.
20. Remove rear bumper reinforcement mounting nuts, and then remove rear bumper reinforcement.
21. Remove rear bumper side bracket fixing screws, and then remove rear bumper side bracket (LH and RH).

INSTALLATION

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

CAUTION:
When replacing rear bumper fascia, replace sensor holder as well.

NOTE:
- The following table shows the specified values for checking normal installation status.
- Fitting adjustment cannot be performed.

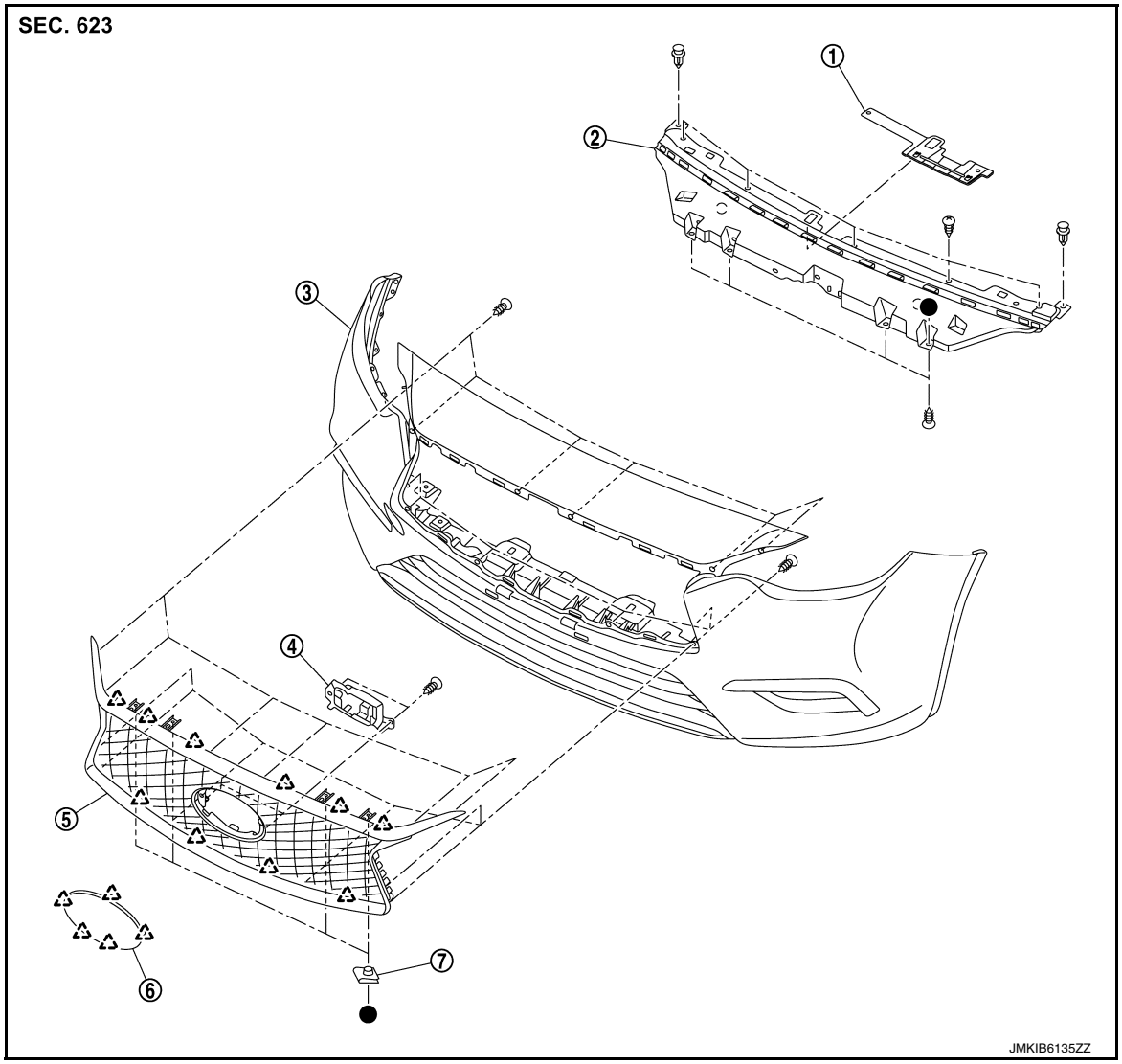


Portion		Clearance	Surface height difference
Rear bumper fascia – Body side outer	Ⓐ – Ⓐ	0.1 – 1.0 mm (0.004 – 0.039 in)	(–1.5) – (+0.5) mm [(–0.059) – (+0.020) in]
Rear bumper fascia – Rear combination lamp	Ⓑ – Ⓑ	0.5 – 2.5 mm 0.020 – 0.098 in	—
Rear bumper fascia – Back door panel	Ⓒ – Ⓒ	3.8 – 7.6 mm 0.150 – 0.299 in	(–1.9) – (+1.9) mm [(–0.075) – (+0.075) in]
	Ⓓ – Ⓓ	5.6 – 9.6 mm 0.220 – 0.378 in	—

FRONT GRILLE

Exploded View

INFOID:0000000013549778



① Front grille upper retainer ② Front grille upper ③ Front bumper fascia
④ Front emblem bracket ⑤ Front grille ⑥ Front emblem
⑦ Spring nut
△ : Pawl
●: Indicates that the part is connected at points with same symbol in actual vehicle.

Removal and Installation

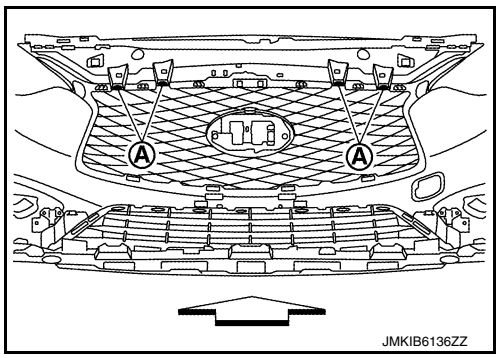
INFOID:0000000013549779

REMOVAL

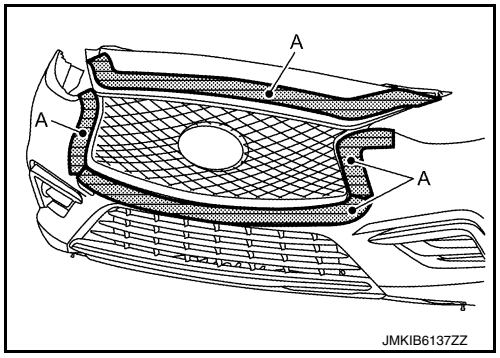
1. Remove front bumper fascia. Refer to EXT-21, "Removal and Installation".

2. Remove front grille upper fixing screws Ⓐ, and then remove front grille upper.

⇦ : Vehicle front

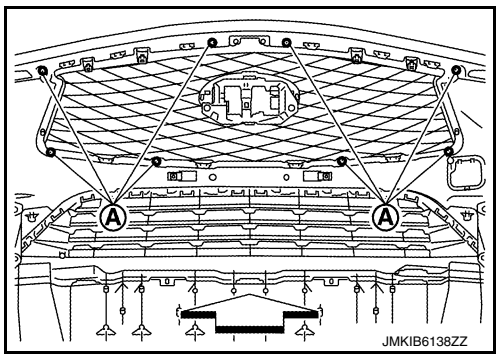


3. Remove front grille upper retainer after removing front grille upper.
4. Remove radiator side air guide fixing screw, and then remove radiator side air guide (LH and RH).
5. Remove front energy absorber and license plate bracket.
6. Disconnect front camera harness connector. (if equipped)
7. Apply protective tapes (A) on the part to protect it from damage.



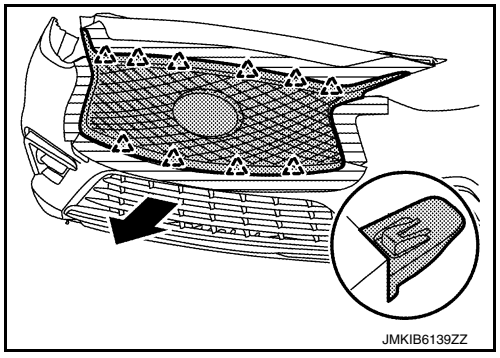
8. Remove front grille fixing screws Ⓐ.

⇦ : Vehicle front



9. Disengage front grille fixing pawls, and then remove front grille.

△ : Pawl



10. Remove the following parts after removing front grille.
    - Front camera. Refer to AV-348, "Removal and Installation". (if equipped)
    - Front emblem.
    - Front emblem bracket.

INSTALLATION

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

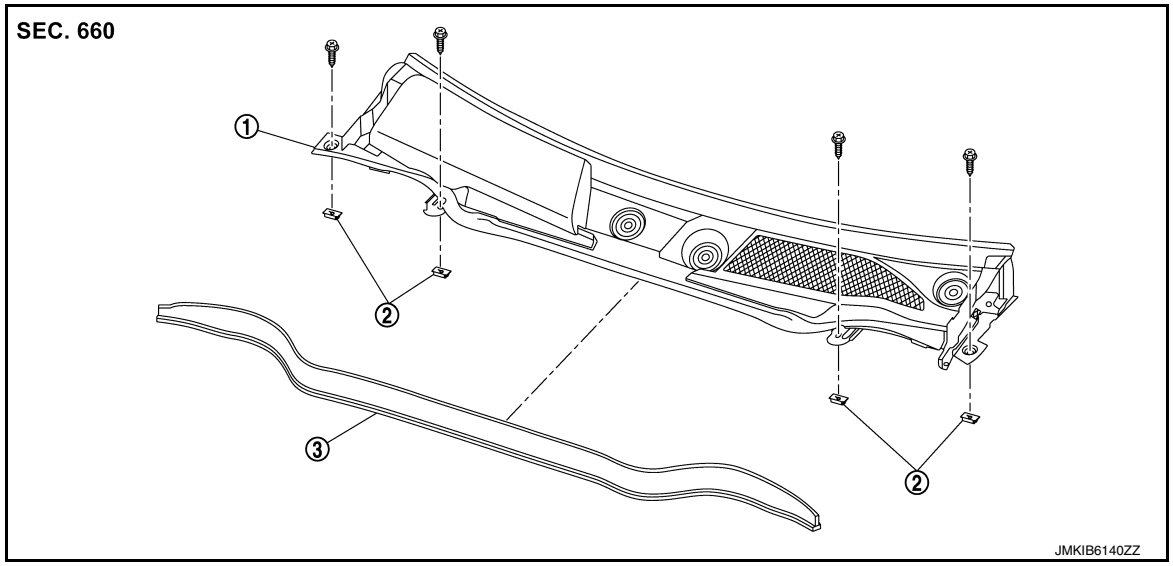
CAUTION:

- **When installing front grille, install turn fastener to back of front grille, and then install front grille.**
- **Perform front camera image calibration. Refer to AV-302, "Description". (if equipped)**

COWL TOP

Exploded View

INFOID:0000000013549780



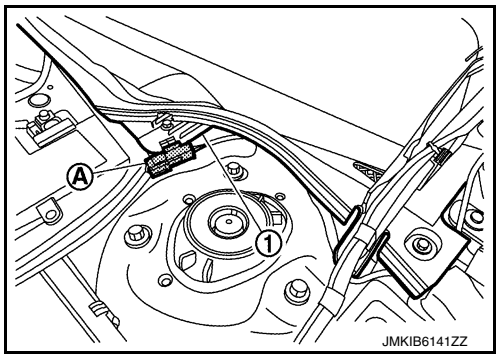
① Cowl top cover ② Screw grommet ③ Cowl top seal

Removal and Installation

INFOID:0000000013549781

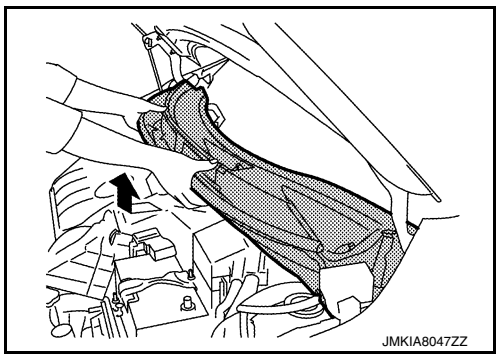
REMOVAL

1. Remove front wiper arm (LH and RH). Refer to WW-64, "WIPER ARM : Removal and Installation".
2. Disconnect the battery negative terminal.
3. Remove cowl top seal.
4. Remove cowl top cover mounting bolts.
5. Remove pop-up engine hood actuator harness connector Ⓐ from cowl top cover ①.



6. Disengage front washer tube fixing pawl from cowl top cover.
7. Pull forward to release cowl top cover from windshield glass, and then remove cowl top cover.

CAUTION:
When performing the procedure after removing cowl top cover, protect the lower of windshield glass with urethane etc.



INSTALLATION

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

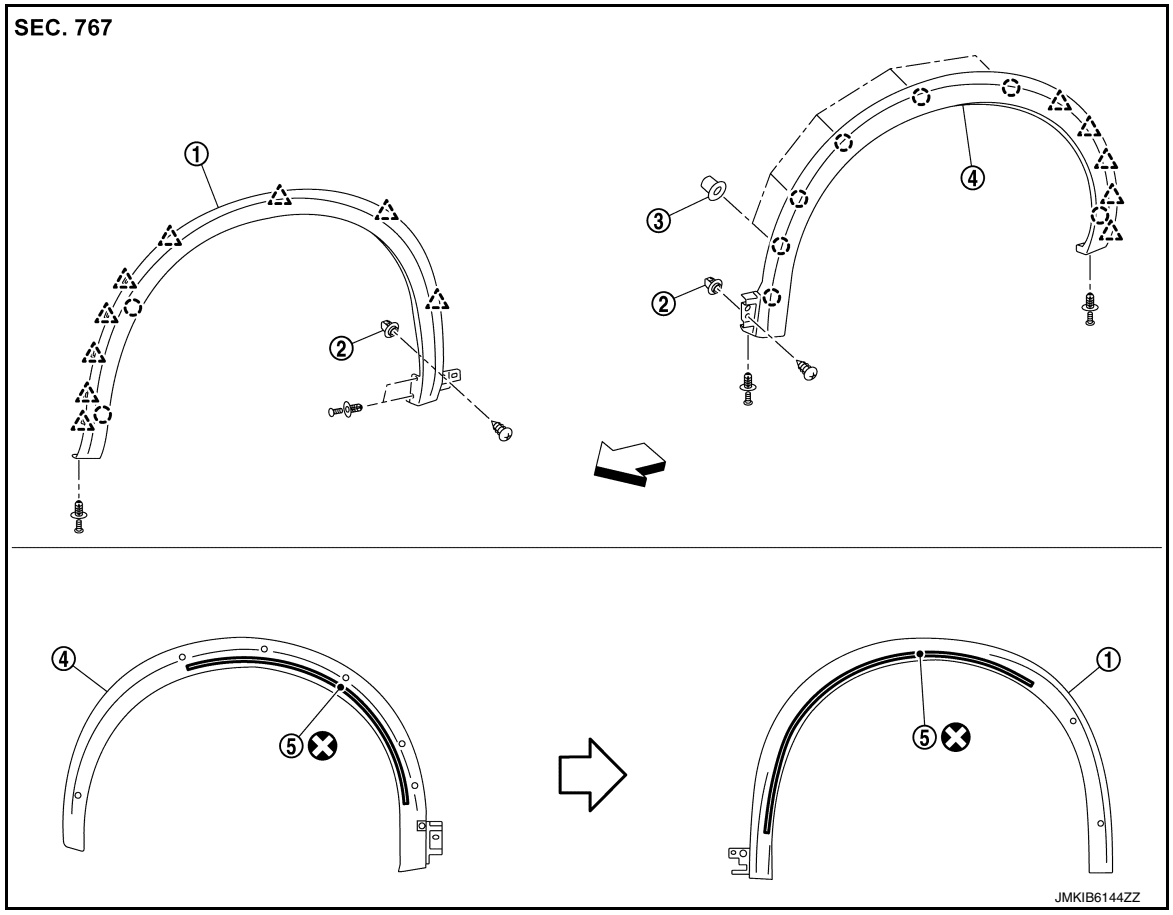
CAUTION:

- **Clean the joint between the cowl top cover and the windshield, and then install them.**
- **After installing, perform adjustment of front wiper blade. Refer to WW-66, "WIPER BLADE : Adjustment".**

FILLET MOLDING

Exploded View

INFOID:0000000013549782



① Front fillet molding
② Screw grommet
③ Grommet
④ Rear fillet molding
⑤ Double-sided tape [t: 1.2 mm (0.047 in)]

: Clip
: Pawl
: Vehicle front
: Always replace after every disassembly.

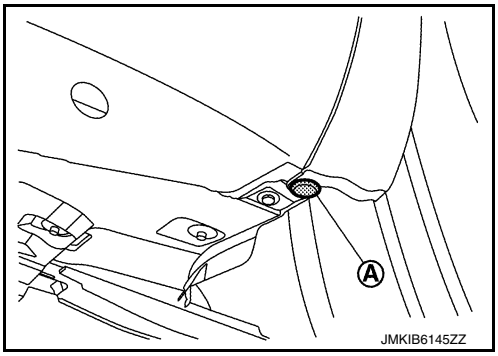
FRONT FILLET MOLDING

FRONT FILLET MOLDING : Removal and Installation

INFOID:0000000013549783

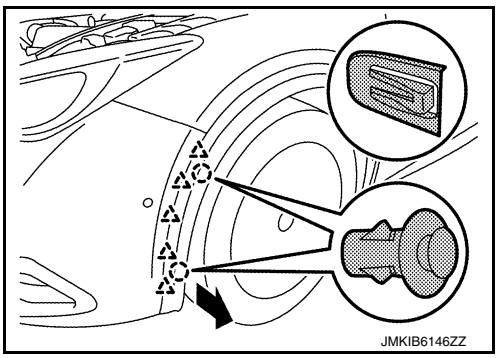
REMOVAL

1. Remove front fillet molding fixing clip Ⓐ of lower side.

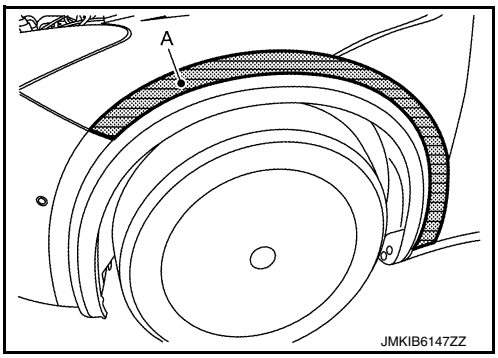


2. Disengage front fillet molding fixing pawls and clips of front side.

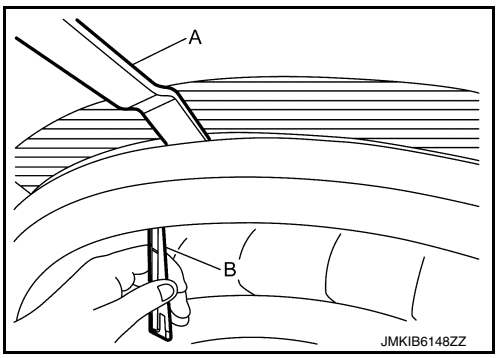
: Clip
: Pawl



3. Apply protective tapes (A) on the part to protect it from damage.

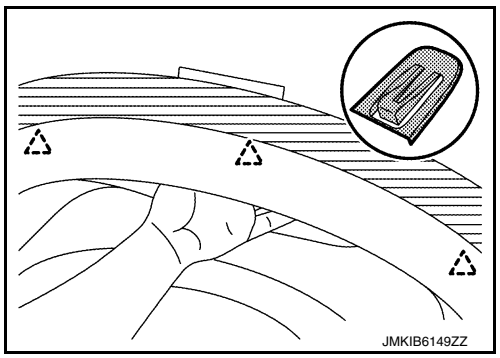


4. Remove sill cover of front end. Refer to EXT-55, "Removal and Installation".
5. Insert a remover tool (A) between front fillet molding and front fender panel, cut double-sided tape using a cutter (B) while lifting front fillet molding.



6. Disengage front fillet molding fixing pawls from fender protector backside.

: Pawl



7. Remove front fillet molding fixing screw of rear end, and then remove front fillet molding.

INSTALLATION

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

CAUTION:

- **Always replace double-sided tape with a new one, if front fillet molding is reused.**
- **Remove double-sided tape remaining on fender panel and back of front fillet molding with a double-sided tape remover, after removing front fillet molding.**
- **When installing front fillet molding, visually check the clips, then replace them with new parts if they are damaged.**
- **When installing front fillet molding, check that clips are securely fitted in fender panel holes, and then press them in.**
- **Never wash the vehicle within 24 hours after installing so as to keep adhesive.**

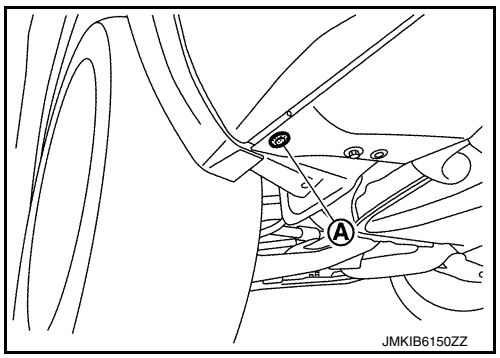
REAR FILLET MOLDING

REAR FILLET MOLDING : Removal and Installation

INFOID:0000000013549784

REMOVAL

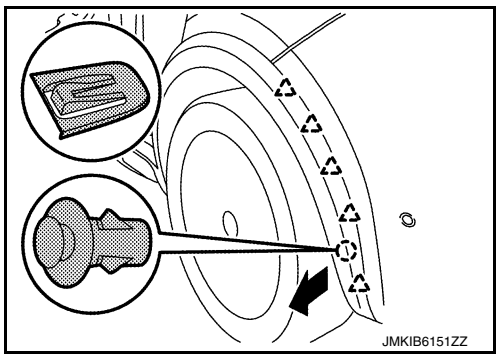
1. Remove rear fillet molding fixing clip Ⓐ of lower side.



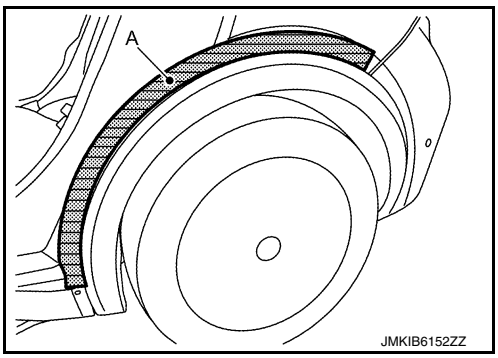
2. Disengage rear fillet molding fixing clip and pawls of rear side.

: Clip

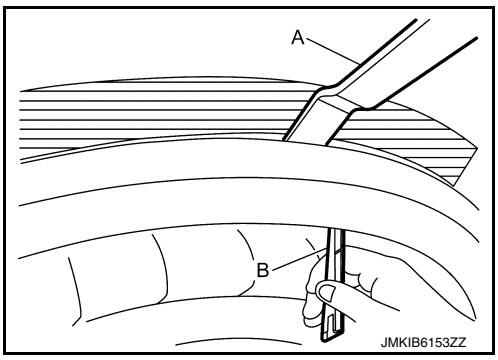
: Pawl



3. Apply protective tapes (A) on the part to protect it from damage.

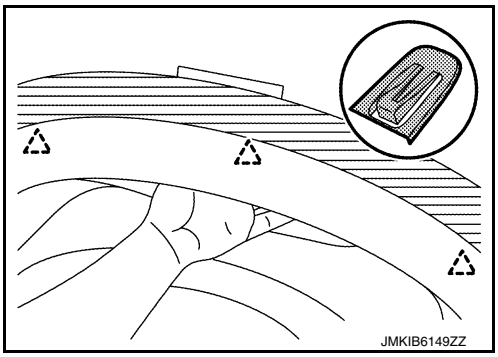


4. Remove sill cover of rear end. Refer to EXT-55, "Removal and Installation".
5. Insert a remover tool (A) between rear fillet molding and body side outer panel, cut double-sided tape using a cutter (B) while lifting rear fillet molding.



6. Disengage rear fillet molding fixing pawls from body side outer backside.

: Pawl



7. Remove rear fillet molding fixing screw of front end, and then remove rear fillet molding.

INSTALLATION

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

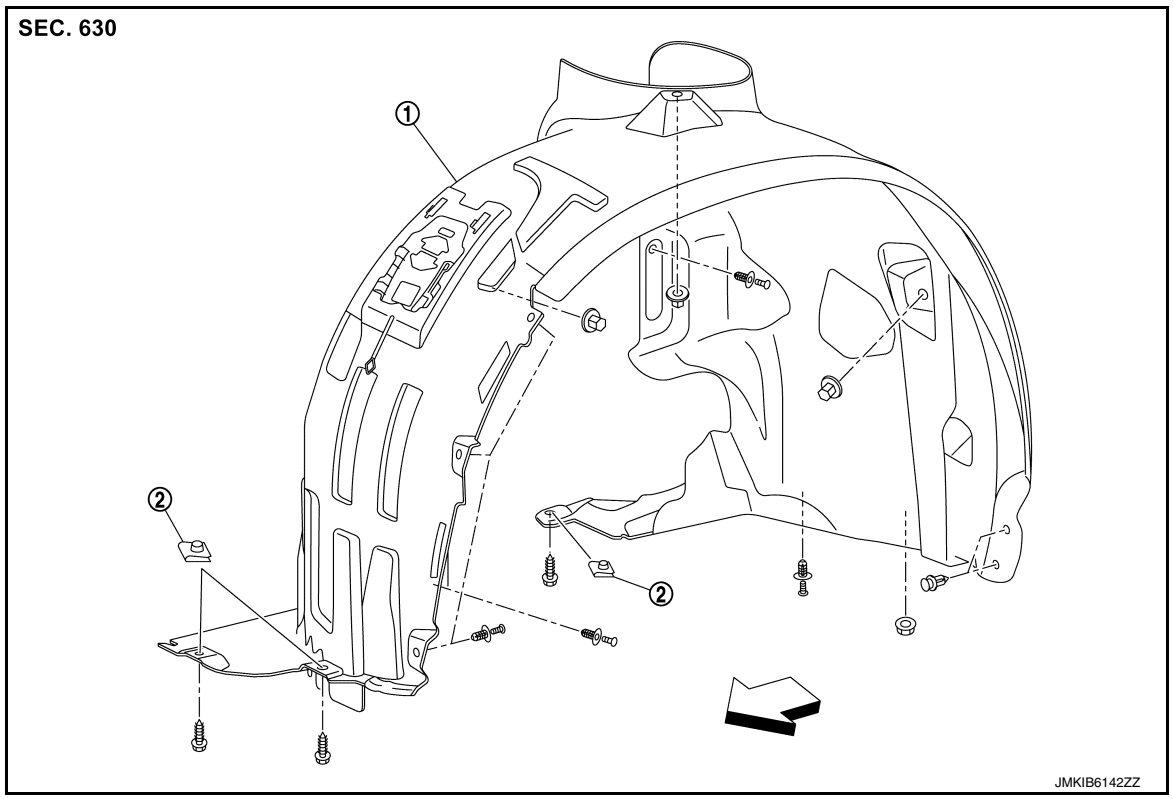
CAUTION:

- **Always replace double-sided tape with a new one, if rear fillet molding is reused.**
- **Remove double-sided tape remaining on body side outer panel and back of rear fillet molding with a double-sided tape remover, after removing rear fillet molding.**
- **When installing rear fillet molding, visually check the clips, then replace them with new parts if they are damaged.**
- **When installing rear fillet molding, check that clips are securely fitted in body side outer holes, and then press them in.**
- **Never wash the vehicle within 24 hours after installing so as to keep adhesive.**

FENDER PROTECTOR
FENDER PROTECTOR

FENDER PROTECTOR : Exploded View

INFOID:0000000013549785



① Front fender protector ② Spring nut

⇦ : Vehicle front

FENDER PROTECTOR : Removal and Installation

INFOID:0000000013549786

REMOVAL

1. Remove front fillet molding. Refer to EXT-37, "FRONT FILLET MOLDING : Removal and Installation".
2. Remove front fender protector fixing screws, clips and mounting nuts.
3. Remove front fender protector.

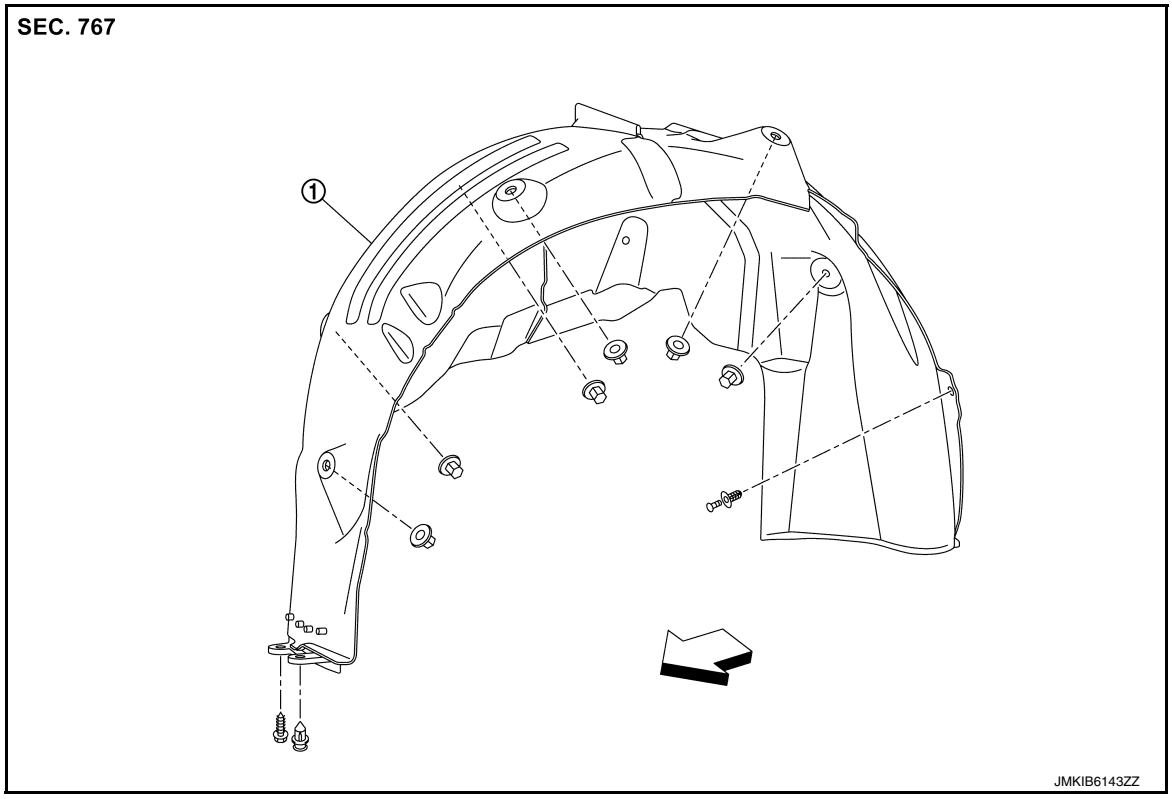
INSTALLATION

Install in the reverse order of removal.

REAR WHEEL HOUSE PROTECTOR

REAR WHEEL HOUSE PROTECTOR : Exploded View

INFOID:0000000013549787



① Rear wheel house protector

⇦ : Vehicle front

REAR WHEEL HOUSE PROTECTOR : Removal and Installation

INFOID:0000000013549788

REMOVAL

1. Remove rear fillet molding. Refer to EXT-39, "REAR FILLET MOLDING : Removal and Installation".
2. Remove rear wheel house protector fixing screw, clips and mounting nuts, and then remove rear wheel house protector.

INSTALLATION

Install in the reverse order of removal.

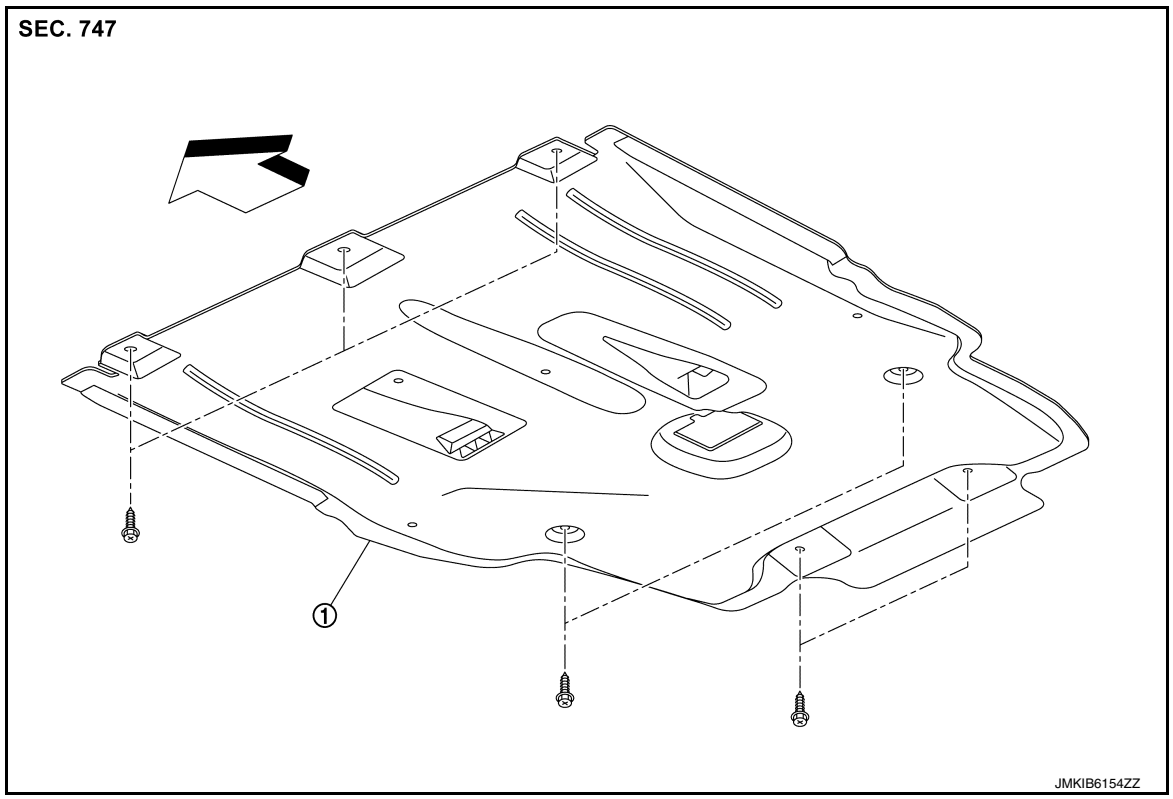
FLOOR SIDE FAIRING

ENGINE UNDER COVER

ENGINE UNDER COVER : Exploded View

INFOID:0000000013549789

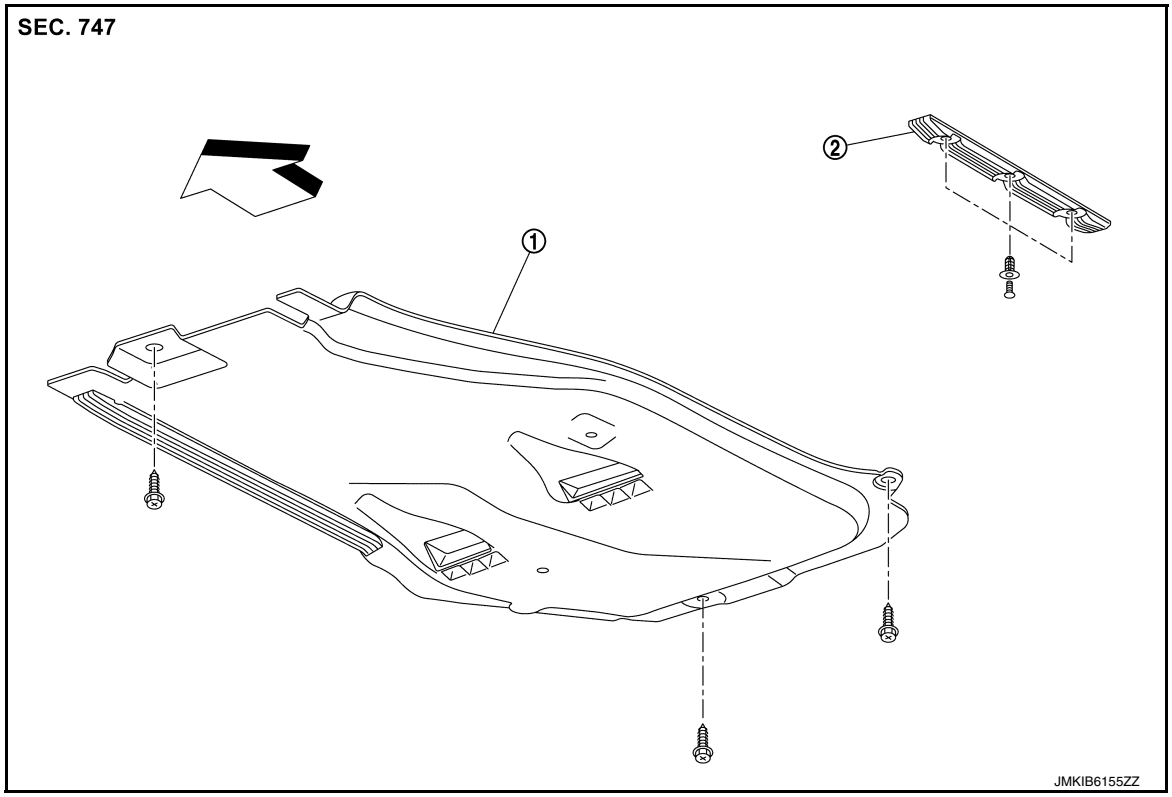
1.6L TURBO ENGINE MODELS



① Engine under cover

⇦ : Vehicle front

2.0L TURBO ENGINE MODELS



① Engine under cover
② Engine under cover LH
⇦ : Vehicle front

ENGINE UNDER COVER : Removal and Installation

INFOID:0000000013549790

REMOVAL

1. Remove engine under cover mounting bolts, and then remove engine under cover.
2. Remove engine under cover LH fixing clips, and then remove engine under cover LH. (for 2.0L turbo engine models)

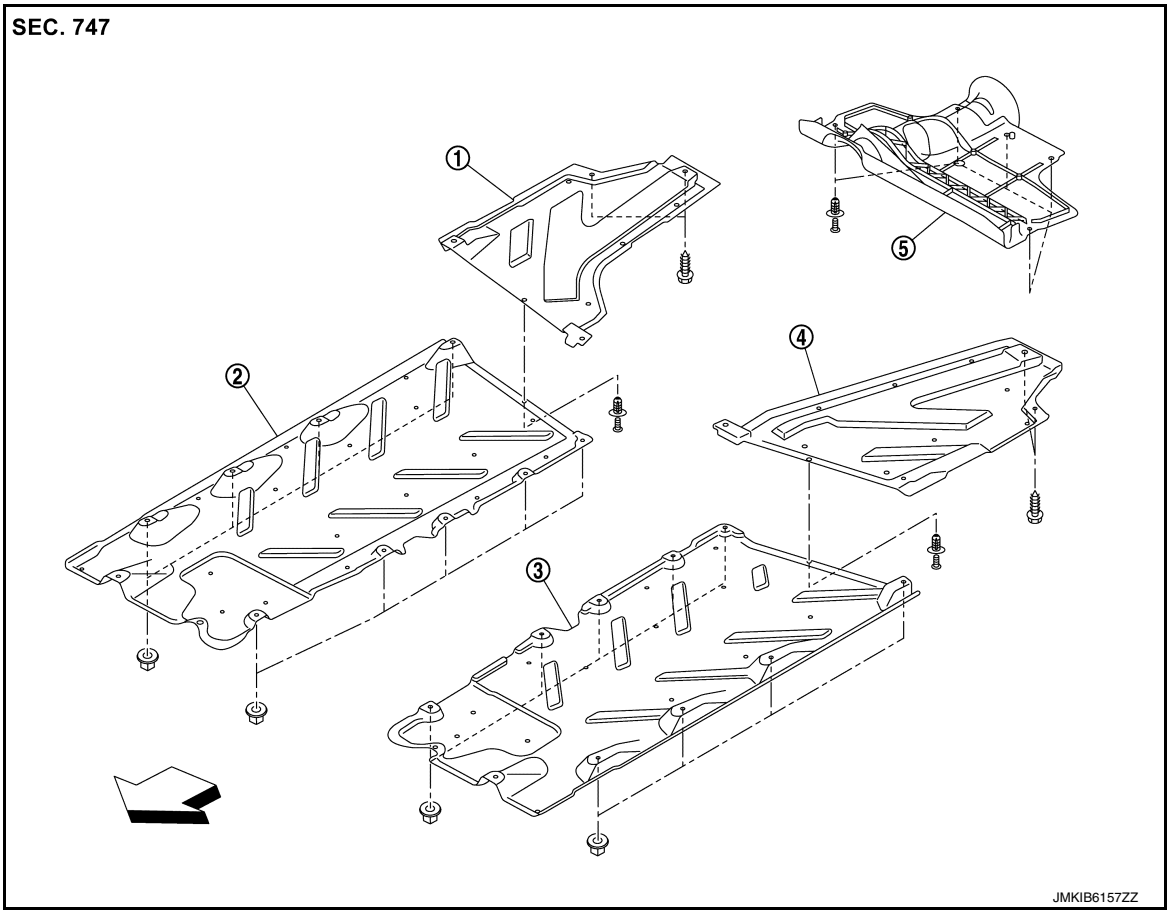
INSTALLATION

Install in the reverse order of removal.

FLOOR UNDER COVER

FLOOR UNDER COVER : Exploded View

INFOID:0000000013549791



① Rear under cover RH
② Floor under cover RH
③ Floor under cover LH
④ Rear under cover LH
⑤ Rear under cover rear (for 2WD models)

FLOOR UNDER COVER : Removal and Installation

INFOID:0000000013549792

REMOVAL

Floor Under Cover

Remove floor under cover fixing clip and mounting nuts, and then remove floor under cover (LH and RH).

Rear Under Cover

Remove rear under cover fixing clip and screws, and then remove rear under cover (LH and RH).

Rear Under Cover Rear

Remove rear under cover rear fixing clip, and then remove rear under cover rear. (for 2WD models)

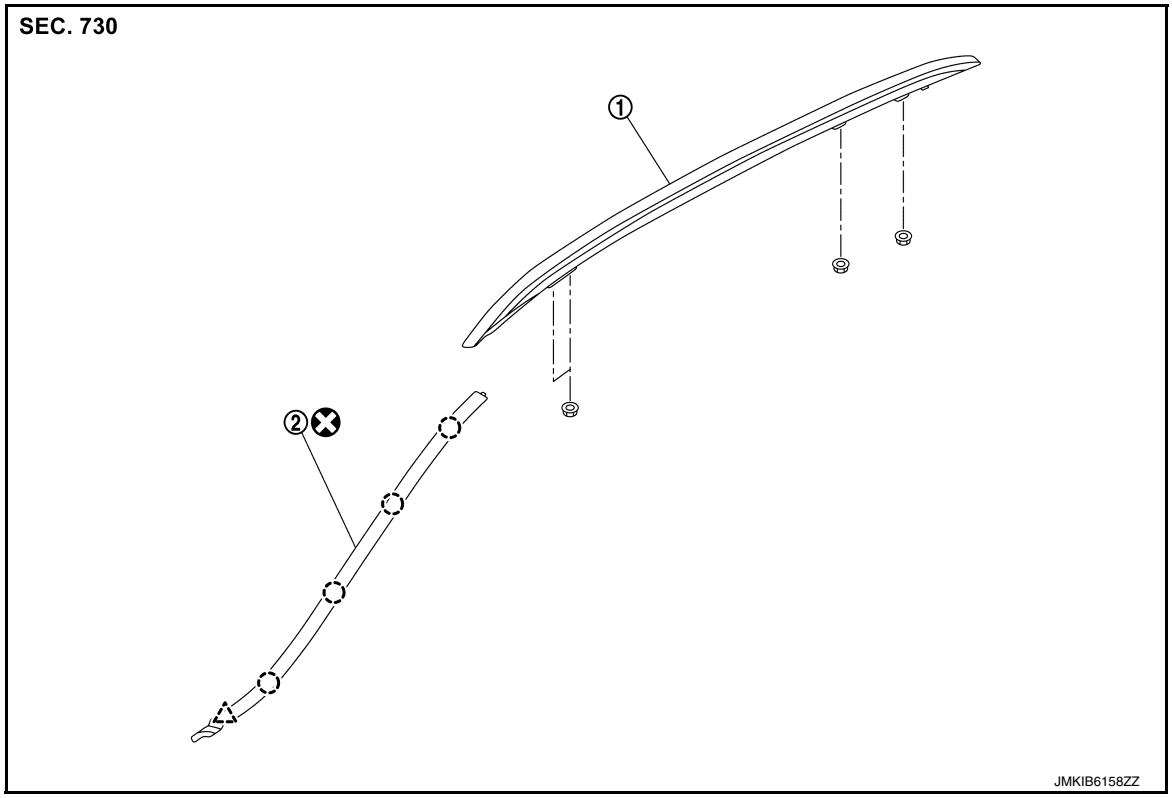
INSTALLATION

Install in the reverse order of removal.

ROOF RAIL

Exploded View

INFOID:0000000013549793



1. Roof rail
2. Roof side molding

: Clip

: Pawl

: Always replace after every disassembly.

Removal and Installation

INFOID:0000000013549794

REMOVAL

1. Remove headlining. Refer to INT-33, "Removal and Installation".
2. Remove roof rail mounting nuts, and then remove roof rail.

INSTALLATION

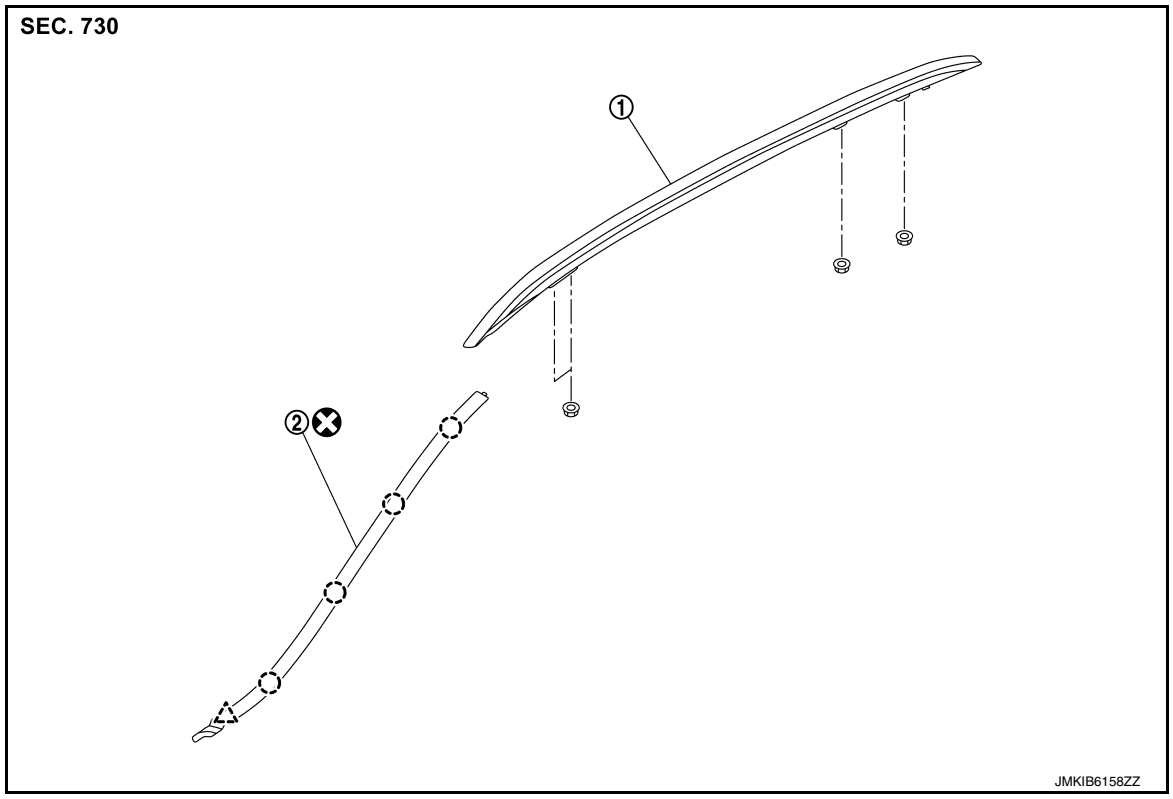
Install in the reverse order of removal.

ROOF SIDE MOLDING

Exploded View

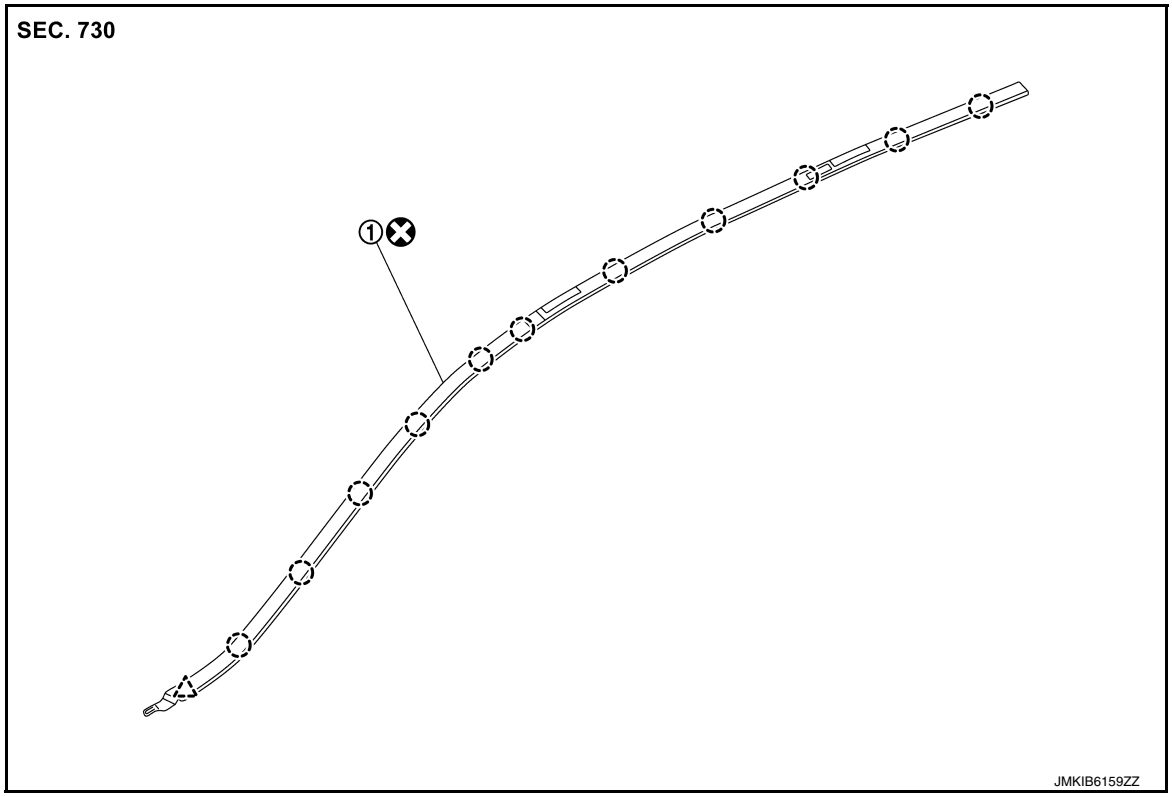
INFOID:0000000013549795

WITH ROOF RAIL



① Roof rail
② Roof side molding
◌ : Clip
△ : Pawl
⊗ : Always replace after every disassembly.

WITHOUT ROOF RAIL



① Roof side molding

: Clip

: Pawl

: Always replace after every disassembly.

Removal and Installation

INFOID:0000000013549796

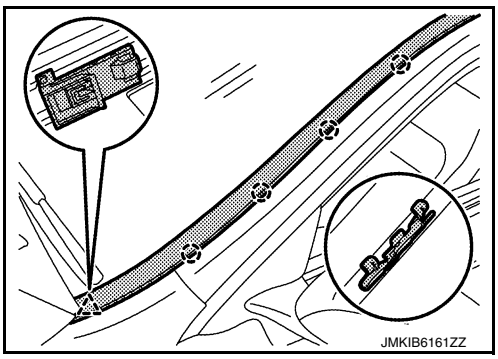
REMOVAL

With Roof Rail

1. Remove roof rail. Refer to EXT-46, "Removal and Installation".
2. Disengage roof side molding fixing clips and pawl, and then remove roof side molding.

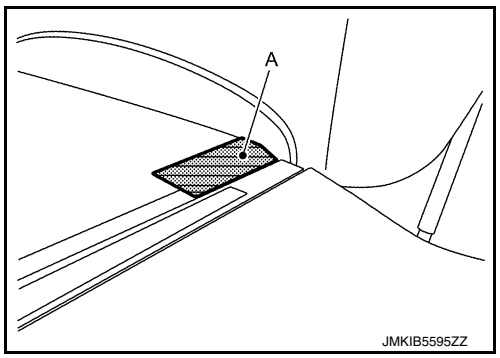
: Clip

: Pawl



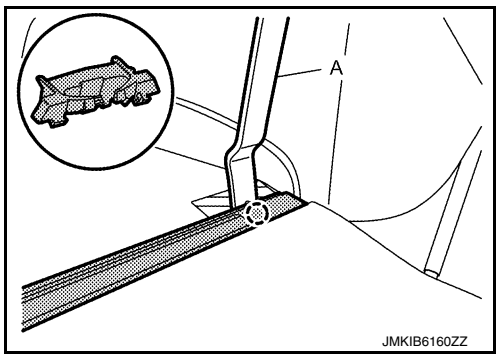
Without Roof Rail

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



2. Disengage roof side molding fixing clip using a remover tool (A).

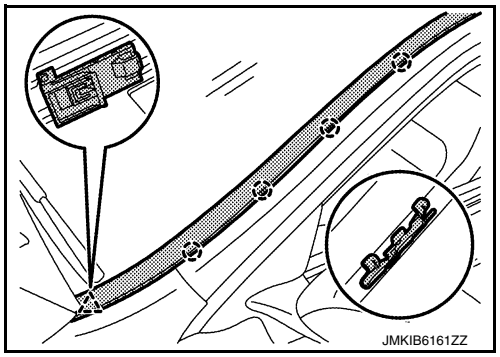
: Clip



3. Disengage roof side molding fixing clips and pawl, and then remove roof side molding.

: Clip

: Pawl



INSTALLATION

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

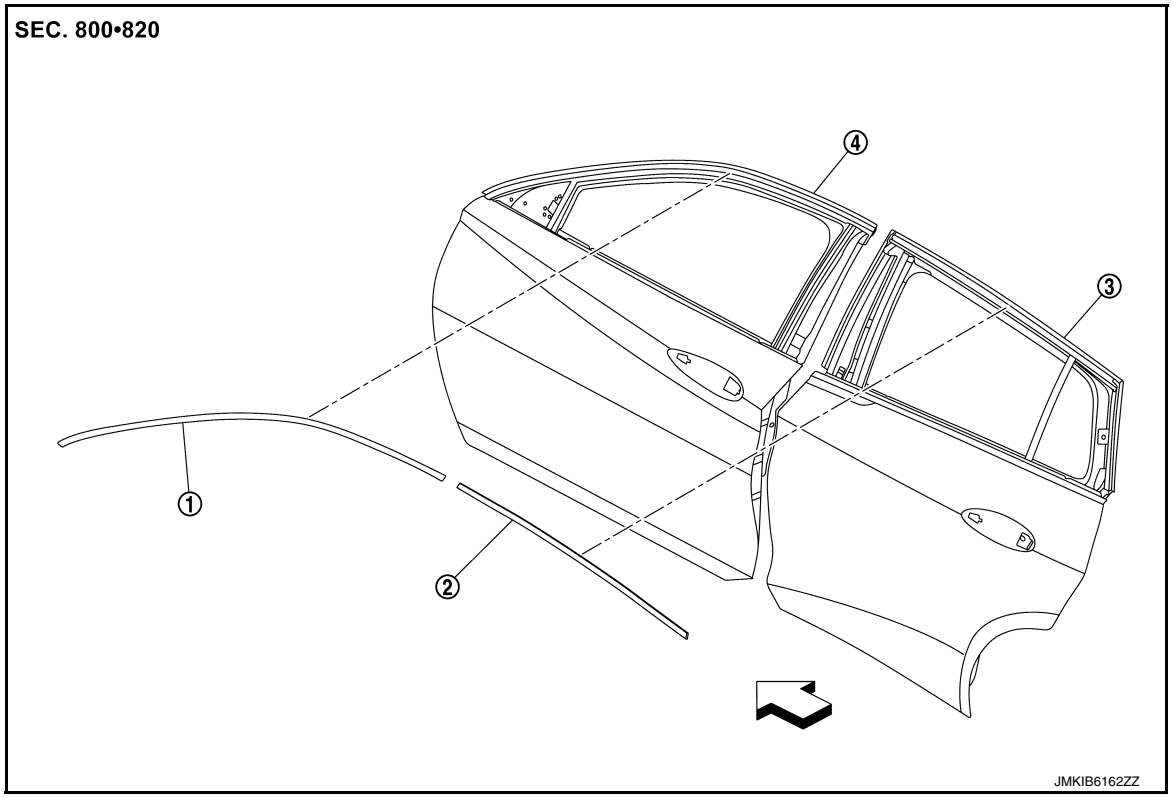
CAUTION:

Never reuse roof side molding.

DOOR SASH MOLDING

Exploded View

INFOID:0000000013549797



① Front door sash molding ② Rear door sash molding ③ Rear door panel
④ Front door panel
⇦ : Vehicle front

FRONT DOOR SASH MOLDING

FRONT DOOR SASH MOLDING : Removal and Installation

INFOID:0000000013549798

REMOVAL

1. Remove front door glass run. Refer to GW-43, "FRONT DOOR GLASS RUN : Removal and Installation".
2. Remove front sash molding.

INSTALLATION

Install in the reverse order of removal.

REAR DOOR SASH MOLDING

REAR DOOR SASH MOLDING : Removal and Installation

INFOID:0000000013549799

REMOVAL

1. Remove rear door glass run. Refer to GW-52, "REAR DOOR GLASS RUN : Removal and Installation".
2. Remove rear sash molding.

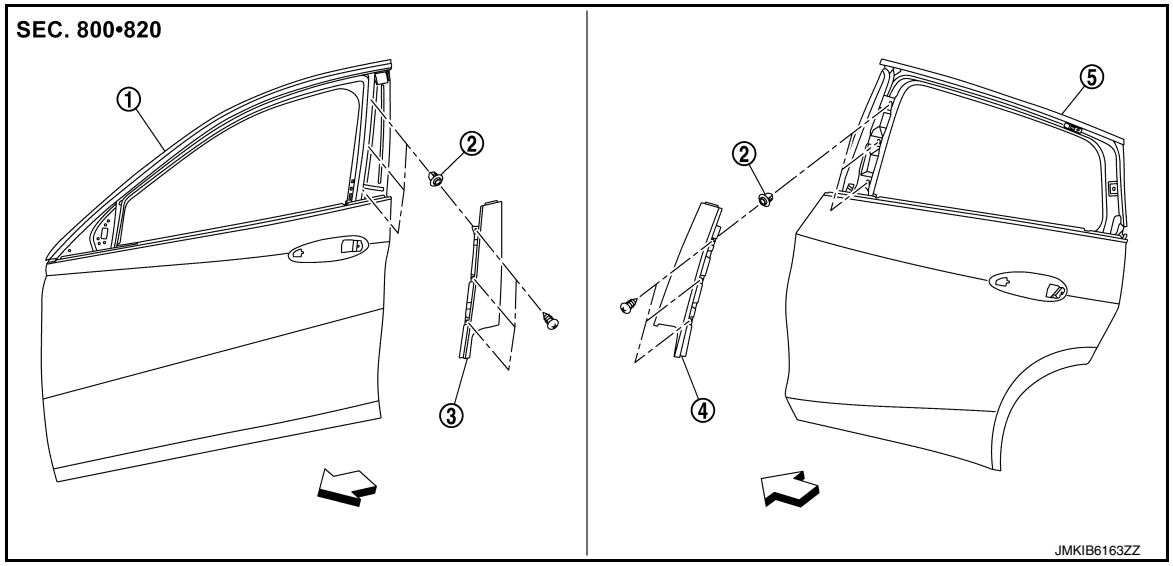
INSTALLATION

Install in the reverse order of removal.

DOOR SASH COVER

Exploded View

INFOID:0000000013549800



① Front door panel ② Screw grommet ③ Front door sash cover
④ Rear door sash cover ⑤ Rear door panel
⇦ : Vehicle front

FRONT DOOR SASH COVER

FRONT DOOR SASH COVER : Removal and Installation

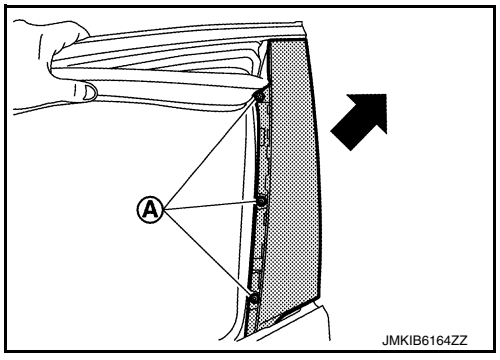
INFOID:0000000013549801

REMOVAL

CAUTION:

Never damage painted surface of front door panel.

1. Fully open front door glass.
2. Remove front door glass run around front door sash cover.
3. Remove front door sash cover fixing screws Ⓐ, and then remove front door sash cover by arrow as shown in the figure.



INSTALLATION

Install in the reverse order of removal.

REAR DOOR SASH COVER

REAR DOOR SASH COVER : Removal and Installation

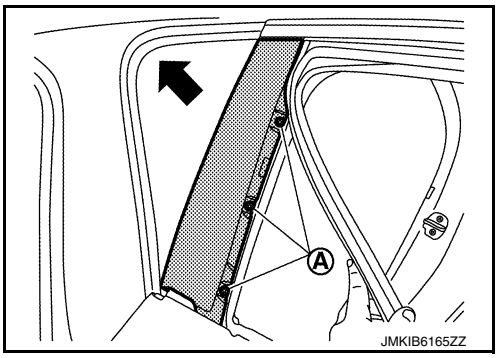
INFOID:0000000013549802

REMOVAL

CAUTION:

Never damage painted surface of rear door panel.

1. Fully open rear door glass.
2. Remove rear door glass run around rear sash cover.
3. Remove rear door sash cover fixing screws Ⓐ, and then remove rear door sash cover by arrow as shown in the figure.



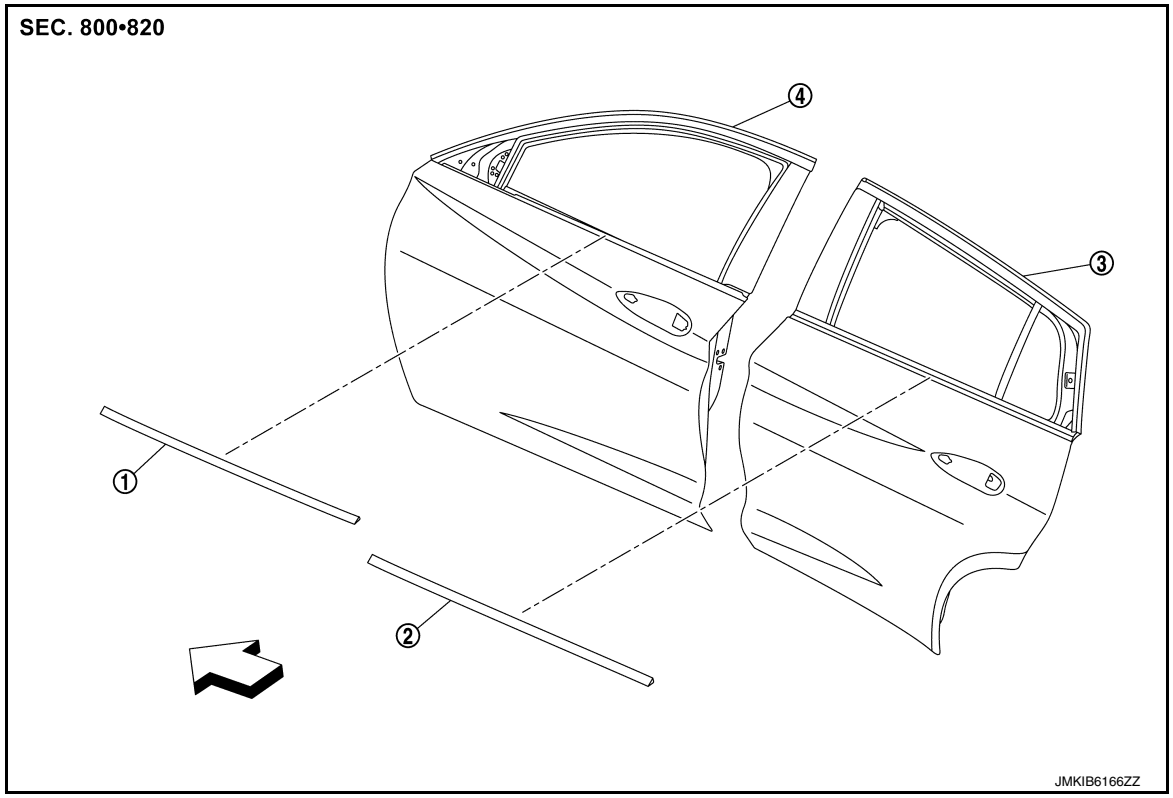
INSTALLATION

Install in the reverse order of removal.

DOOR OUTSIDE MOLDING

Exploded View

INFOID:0000000013549803



① Front door outside molding ② Rear door outside molding ③ Rear door panel
④ Front door panel
⇦ : Vehicle front

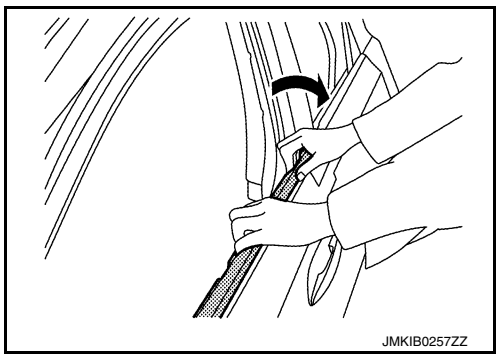
FRONT DOOR OUTSIDE MOLDING

FRONT DOOR OUTSIDE MOLDING : Removal and Installation

INFOID:0000000013549804

REMOVAL

1. Remove door mirror assembly. Refer to MIR-72, "DOOR MIRROR ASSEMBLY : Removal and Installation".
2. Twist front door outside molding toward the direction of the arrow in the figure, and then lift up and remove it.



INSTALLATION

Install in the reverse order of removal.

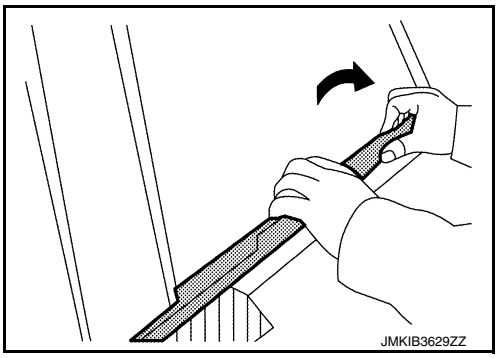
REAR DOOR OUTSIDE MOLDING

REAR DOOR OUTSIDE MOLDING : Removal and Installation

INFOID:0000000013549805

REMOVAL

1. Fully open rear door glass.
2. Twist rear door outside molding toward the direction of the arrow in the figure, and then lift up and remove it.



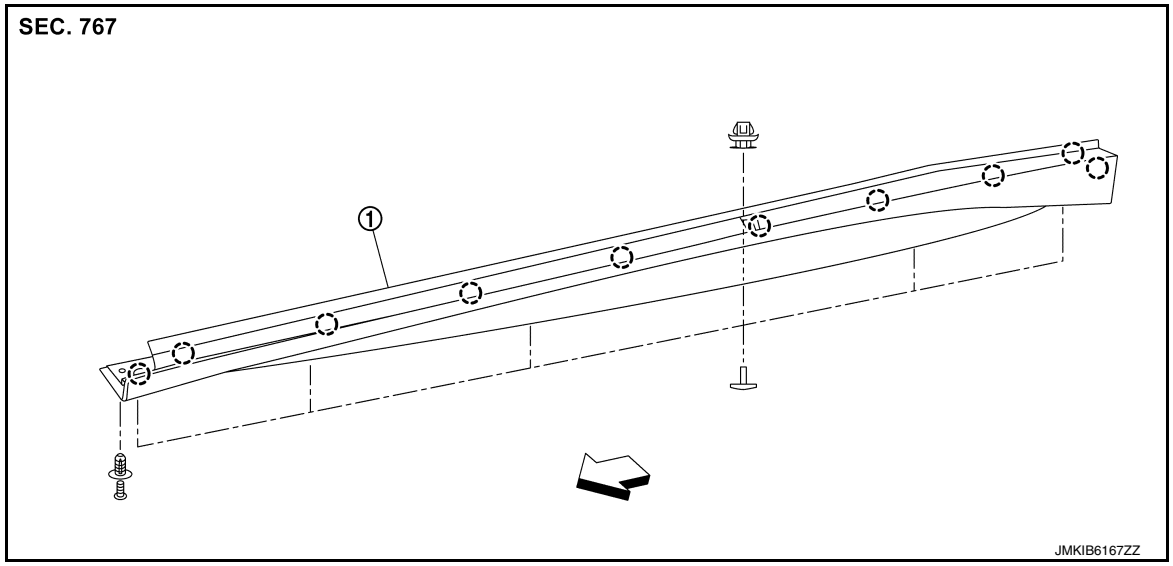
INSTALLATION

Install in the reverse order of removal.

SILL COVER

Exploded View

INFOID:0000000013549806



① Sill cover

◌ : Clip

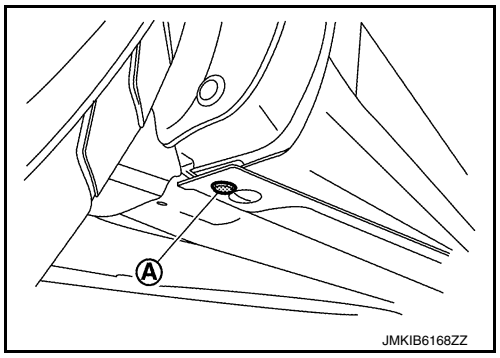
⇦ : Vehicle front

Removal and Installation

INFOID:0000000013549807

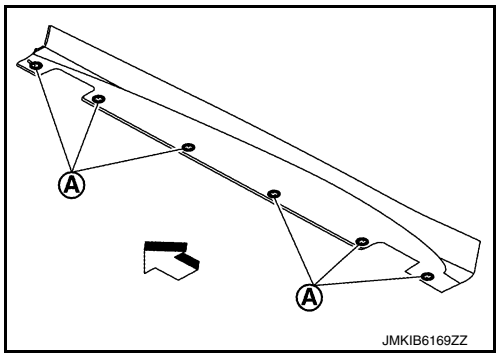
REMOVAL

1. Remove sill cover fixing clip Ⓐ of front side.

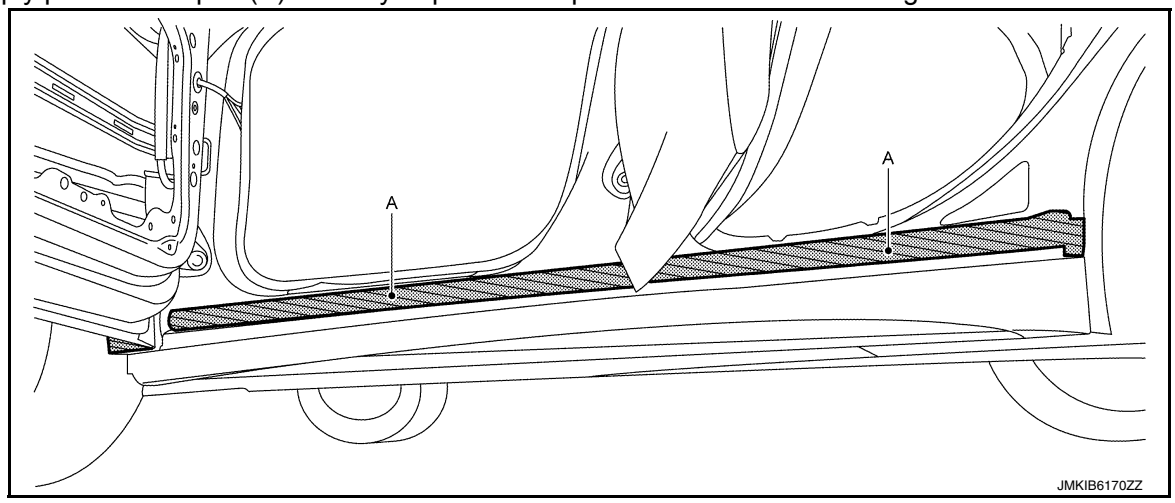


2. Remove sill cover fixing clips Ⓐ of lower side.

⇦ : Vehicle front

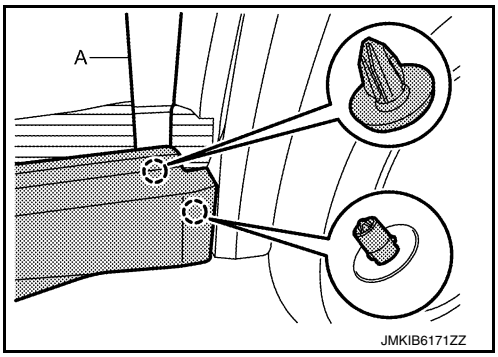


3. Apply protective tapes (A) on body to protect the painted surface from damage.



4. Disengage sill cover fixing clips using a remover tool (A), and then remove sill cover.

: Clip



INSTALLATION

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

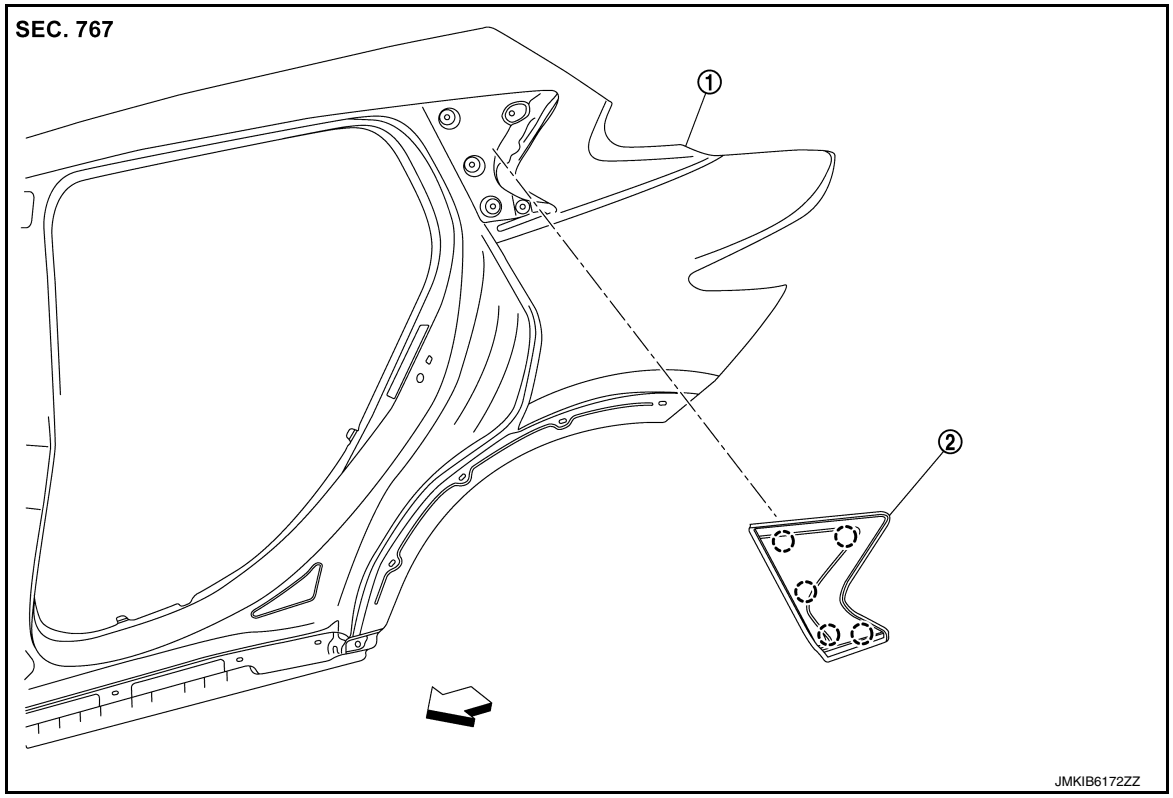
CAUTION:

- **When installing sill cover, visually check the clips, then replace them with new parts if they are damaged.**
- **When installing sill cover, check that clips are securely in door panel holes, and press them in.**

REAR FENDER COVER

Exploded View

INFOID:0000000013549808



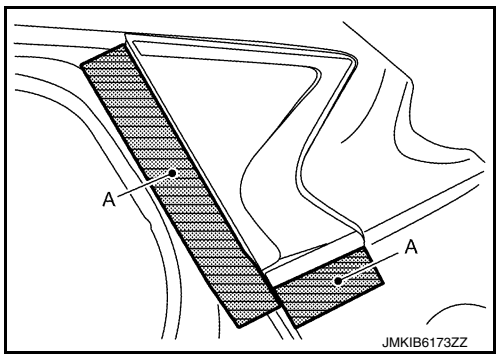
① Body side outer
② Rear fender cover
◌ : Clip
⇦ : Vehicle front

Removal and Installation

INFOID:0000000013549809

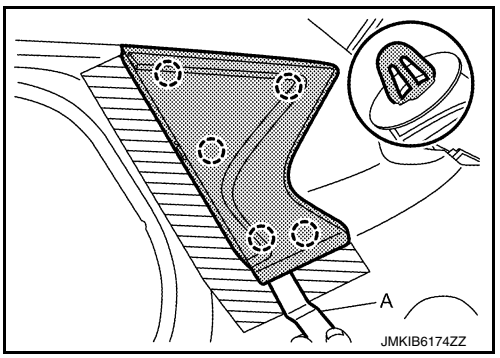
REMOVAL

1. Apply protective tapes (A) on body to protect the painted surface from damage.



2. Disengage rear fender cover fixing clips using a remover tool (A), and then remove rear fender cover.

: Clip



INSTALLATION

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

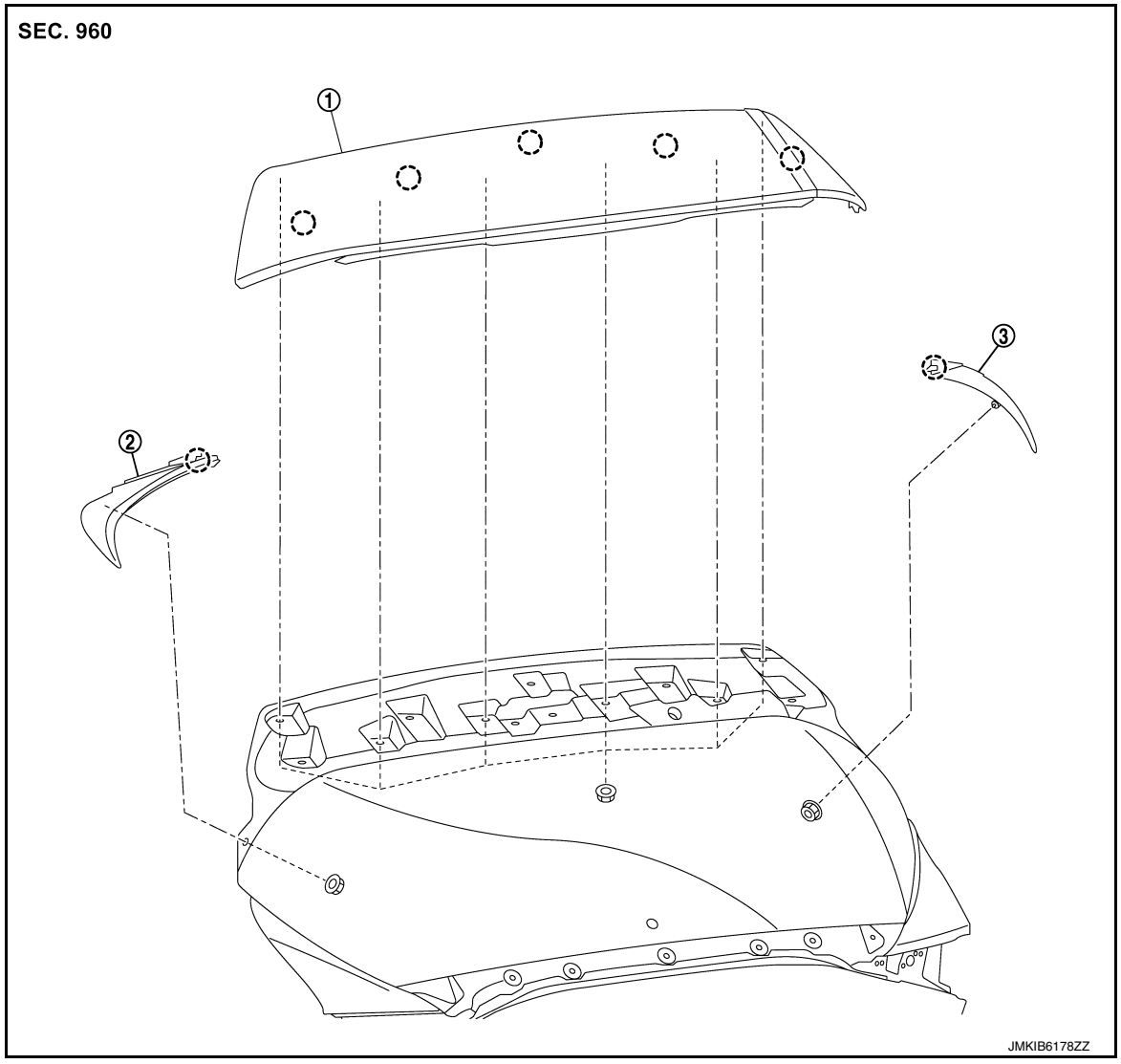
CAUTION:

- **When installing rear fender cover, visually check the clips, then replace them with new parts if they are damaged.**
- **When installing rear fender cover, check that clips are securely in body side outer holes, and press them in.**

REAR SPOILER

Exploded View

INFOID:0000000013549810



1. Rear spoiler
2. Rear side spoiler LH
3. Rear side spoiler RH

: Clip

REAR SPOILER

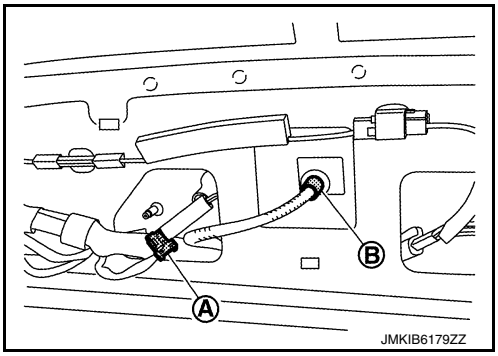
REAR SPOILER : Removal and Installation

INFOID:0000000013549811

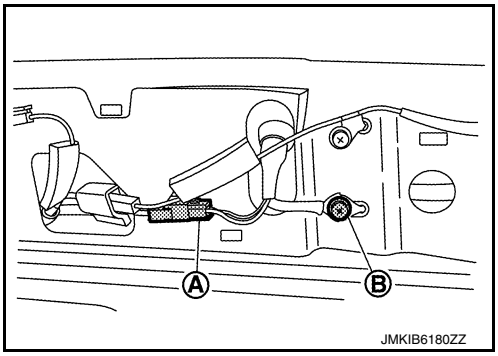
REMOVAL

1. Remove back door upper garnish. Refer to INT-43, "Removal and Installation".

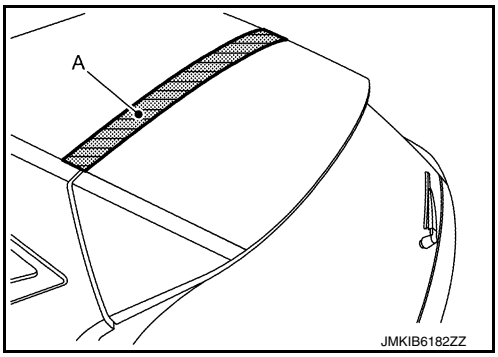
2. Disconnect harness connector Ⓐ and disengage rear washer tube Ⓑ.



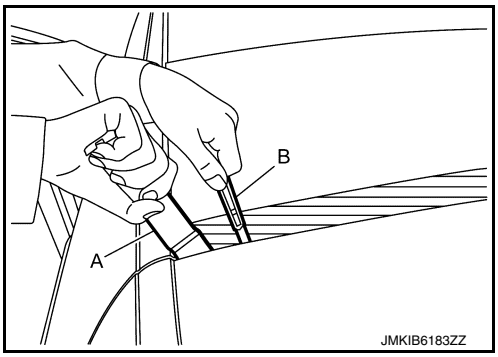
3. Disconnect harness connector Ⓐ and remove ground bolt Ⓑ.



4. Remove rear spoiler mounting nuts.
5. Apply protective tape (A) on the part to protect it from damage.

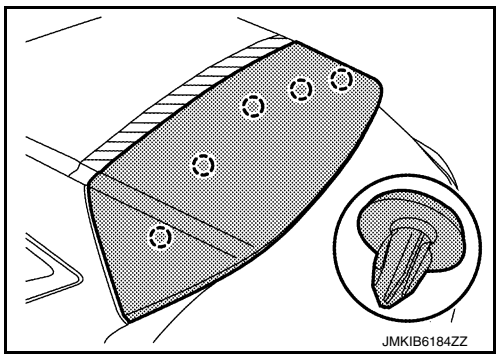


6. Insert a remover tool (A) between rear spoiler and back door panel, cut double-sided tape using a cutter (B) while lifting rear spoiler.



7. Disengage rear spoiler fixing clips, and then remove rear spoiler.

: Clip



INSTALLATION

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

CAUTION:

- **Always replace double-sided tape with a new one, if rear spoiler is reused.**
- **Remove double-sided tape remaining on back door panel and back of rear spoiler with a double-sided tape remover, after removing rear spoiler.**
- **When installing rear spoiler, visually check the clips, then replace them with new parts if they are damaged.**
- **When installing rear spoiler, check that clips are securely in back door panel holes, and press them in.**
- **Never wash the vehicle within 24 hours after installing so as to keep adhesive.**

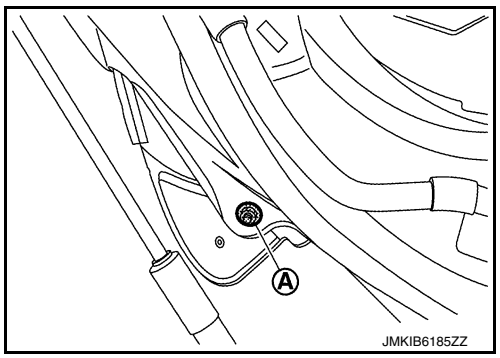
REAR SIDE SPOILER

REAR SIDE SPOILER : Removal and Installation

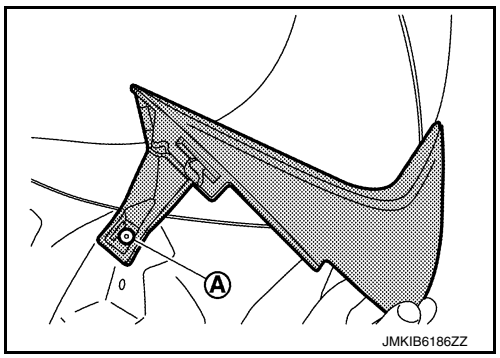
INFOID:0000000013549812

REMOVAL

1. Remove rear spoiler. Refer to EXT-59, "REAR SPOILER : Removal and Installation".
2. Remove rear side spoiler mounting nut Ⓐ.



3. Disengage rear side spoiler fixing clip Ⓐ and then remove rear side spoiler.



INSTALLATION

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

CAUTION:

- **Always replace double-sided tape with a new one, if rear side spoiler is reused.**

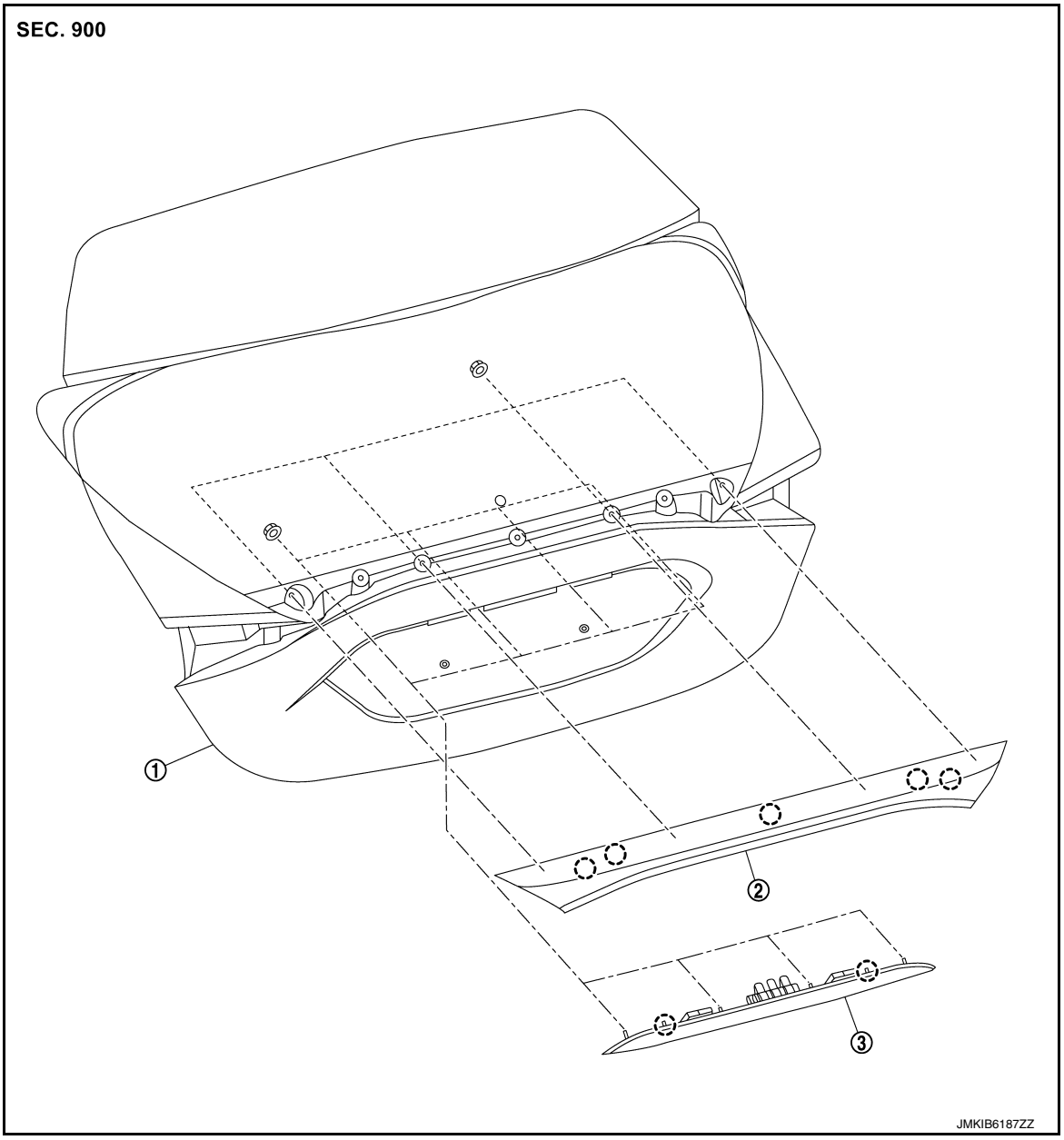
- **Remove double-sided tape remaining on back door panel and back of rear side spoiler with a double-sided tape remover, after removing rear side spoiler.**
- **When installing rear side spoiler, visually check the clips, then replace them with new parts if they are damaged.**
- **When installing rear side spoiler, check that clips are securely in back door panel holes, and press them in.**
- **Never wash the vehicle within 24 hours after installing so as to keep adhesive.**

BACK DOOR FINISHER

Exploded View

INFOID:0000000013549813

SEC. 900



① Back door panel ② Back door finisher upper ③ Back door finisher

◌ : Clip

BACK DOOR FINISHER

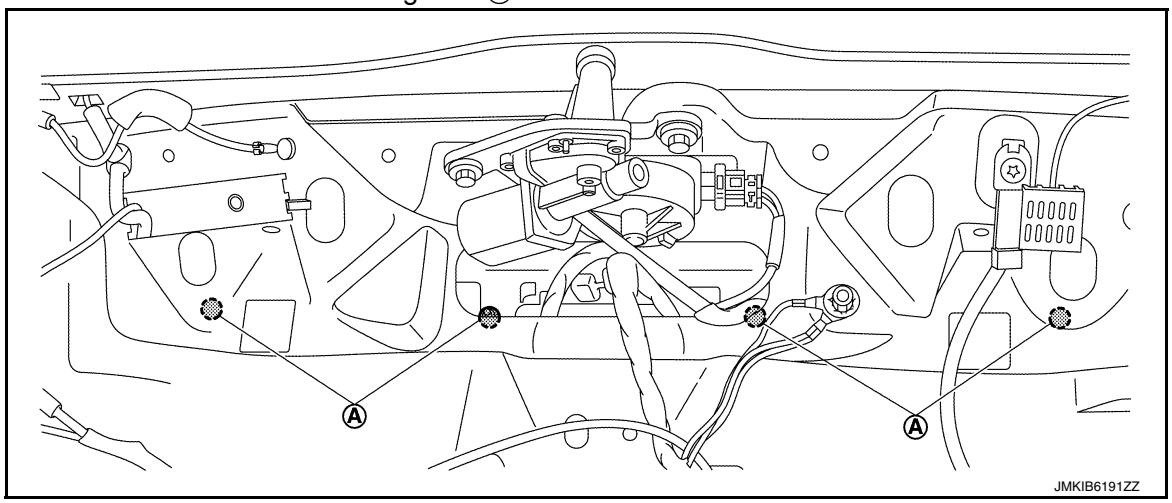
BACK DOOR FINISHER : Removal and Installation

INFOID:0000000013549814

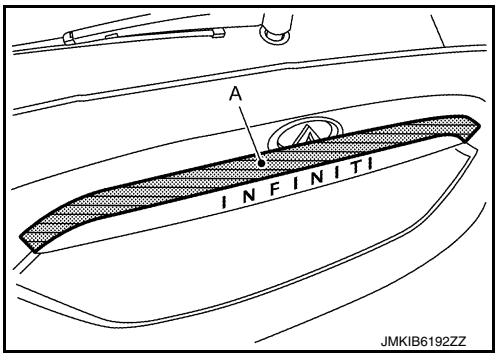
REMOVAL

1. Remove back door inner finisher. Refer to INT-43, "Removal and Installation".

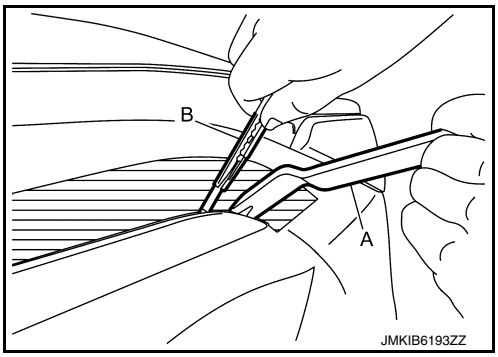
2. Remove back door finisher mounting nuts Ⓐ.



3. Apply protective tape (A) on the back door panel to protect the painted surface from damage.

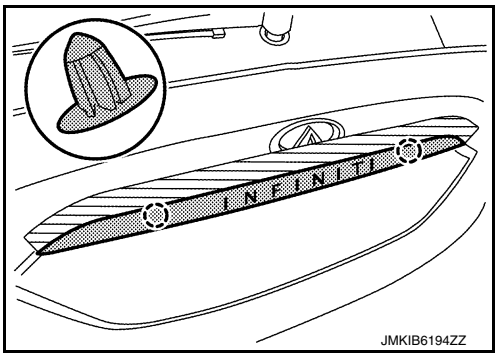


4. Insert a remover tool (A) between back door finisher and back door panel, cut double-sided tape using a cutter (B) while lifting back door finisher.



5. Remove back door finisher fixing clips, and then remove back door finisher.

: Clip



INSTALLATION

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

CAUTION:

- **Never damage the back door panel.**
- **Always replace double-sided tape with a new one, it back door finisher is reused.**

- **Remove double-sided tape remaining on back door panel and back of back door finisher with a double-sided tape remover, after removing back door finisher.**
- **When installing back door finisher, visually check the back door finisher and the clips, then replace them with new parts if they are damaged.**
- **When installing back door finisher, check that clips are securely in back door panel holes, and press them in.**

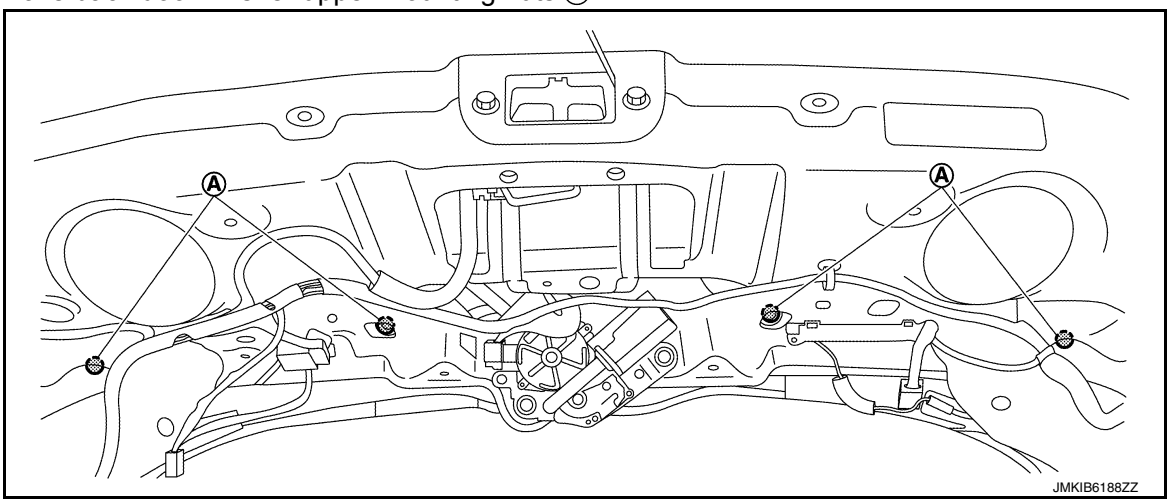
BACK DOOR FINISHER UPPER

BACK DOOR FINISHER UPPER : Removal and Installation

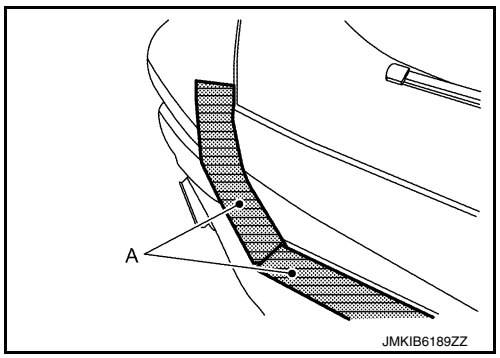
INFOID:0000000013549815

REMOVAL

1. Remove back door inner finisher. Refer to INT-43, "Removal and Installation".
2. Remove back door finisher upper mounting nuts Ⓐ.

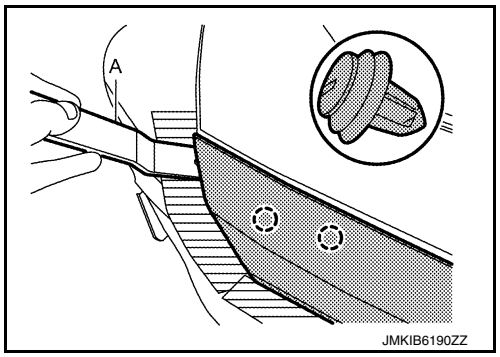


3. Apply protective tape (A) on the back door panel to protect the painted surface from damage.



4. Remove back door finisher upper fixing clips using a remover tool (A), and then remove back door finisher upper.

: Clip



INSTALLATION

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

CAUTION:

- **Never damage the back door panel.**

- **When installing back door finisher upper, visually check the back door finisher upper and the clips, then replace them with new parts if they are damaged.**
- **When installing back door finisher upper, check that clips are securely in back door panel holes, and press them in.**