

SECTION EI

EXTERIOR & INTERIOR

CONTENTS

PRECAUTIONS	3	COWL TOP	20
Precautions for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"	3	Removal and Installation	20
Precautions for Battery Service	3	REMOVAL	20
Precautions for work	3	INSTALLATION	20
Wiring Diagnosis and Trouble Diagnosis	3	FENDER PROTECTOR	21
PREPARATION	4	Removal and Installation	21
Special service tool	4	DOOR OUTSIDE MOLDING	22
Commercial Service Tool	4	Removal and Installation	22
SQUEAK AND RATTLE TROUBLE DIAGNOSES	5	DOOR OUTSIDE MOLDING	22
Work Flow	5	INSTALLATION	22
CUSTOMER INTERVIEW	5	SIDE SILL FINISHER	23
DUPLICATE THE NOISE AND TEST DRIVE	6	Removal and Installation	23
CHECK RELATED SERVICE BULLETINS	6	REMOVAL	23
LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE	6	INSTALLATION	23
REPAIR THE CAUSE	6	WINDSHIELD MOLDING	24
CONFIRM THE REPAIR	7	Removal and Installation	24
Generic Squeak and Rattle Troubleshooting	7	REMOVAL	24
INSTRUMENT PANEL	7	INSTALLATION	24
CENTER CONSOLE	7	REAR WINDOW MOLDING	25
DOORS	7	Back Door Molding	25
TRUNK	8	REMOVAL AND INSTALLATION	25
SUNROOF/HEADLINER	8	REAR SPOILER	26
SEATS	8	Removal and Installation	26
UNDERHOOD	8	REMOVAL	26
Diagnostic Worksheet	9	INSTALLATION	26
CLIP AND FASTENER	11	ROOF SIDE MOLDING	27
Clip and Fastener	11	Removal and installation	27
FRONT BUMPER	14	FRONT PILLAR FINISHER	27
Removal and Installation	14	LOCK PILLER FINISHER	27
REMOVAL	16	DOOR FINISHER	28
INSTALLATION	16	Removal and Installation	28
REAR BUMPER	17	DRIVER DOOR FINISHER	28
Removal and Installation	17	PASSENGER DOOR FINISHER	29
REMOVAL	19	BODY SIDE TRIM	30
INSTALLATION	19	Removal and Installation	30
		REAR SIDE FINISHER	30
		REAR PILLAR FINISHER	30
		FRONT PILLAR GARNISH	31
		KICKING PLATE	31

LUGGAGE FLOOR TRIM	32	HEADLINING	35
Removal and Installation	32	Removal and Installation	35
LUGGAGE FLOOR TRIM	33	REMOVAL	35
REAR FLOOR BOX	33	INSTALLATION	35
FLOOR TRIM	34	BACK DOOR	36
Removal and Installation	34	Removal and Installation	36
REMOVAL	34	BACK DOOR	36
INSTALLATION	34	BACK DOOR FINISHER	37

PRECAUTIONS

PRECAUTIONS

PFP:00001

Precautions for Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

AIS000GT

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 and SB section of this Service Manual.

WARNING:

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

Precautions for Battery Service

AIS001OZ

This vehicle is equipped with the automatic window adjusting function. When a door is opened, the window automatically lowers slightly to avoid contact between the window and the side roof panel. After the door is closed, the window will automatically raise slightly.

On vehicles equipped with the automatic window adjusting function, lower both the driver and front passenger side windows before disconnecting the battery cables. This will prevent interference between the side window and the roof panel when either door is opened/closed.

CAUTION:

After the battery cables are disconnected, do not open/close the driver and/or front passenger door with the window in the full up position. The automatic window adjusting function will not work and the side roof panel may be damaged.

Precautions for work

AIS000GU

- 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.

Wiring Diagnosis and Trouble Diagnosis

AIS000GV

When you read wiring diagrams, refer to the following:

- [GI-15, "How to Read Wiring Diagrams"](#)
- [PG-4, "POWER SUPPLY ROUTING CIRCUIT"](#)

When you perform trouble diagnosis, refer to the following:

- [GI-11, "HOW TO FOLLOW TEST GROUPS IN TROUBLE DIAGNOSES"](#)
- [GI-27, "How to Perform Efficient Diagnosis for an Electrical Incident"](#)

Check for any Service bulletins before servicing the vehicle.

PREPARATION

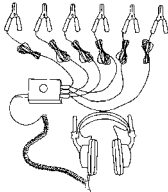
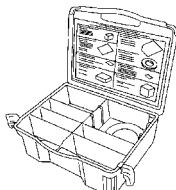
PREPARATION

PFP:00002

Special service tool

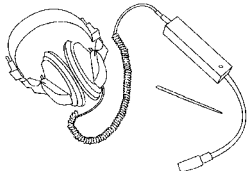
AIS000GW

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	Locationg the noise
(J-43980) NISSAN Squeak and Rattle Kit  SIIA0994E	Repairing the cause of noise

Commercial Service Tool

AIS000GX

Tool name	Description
Engine ear  SIIA0995E	Locationg the noise

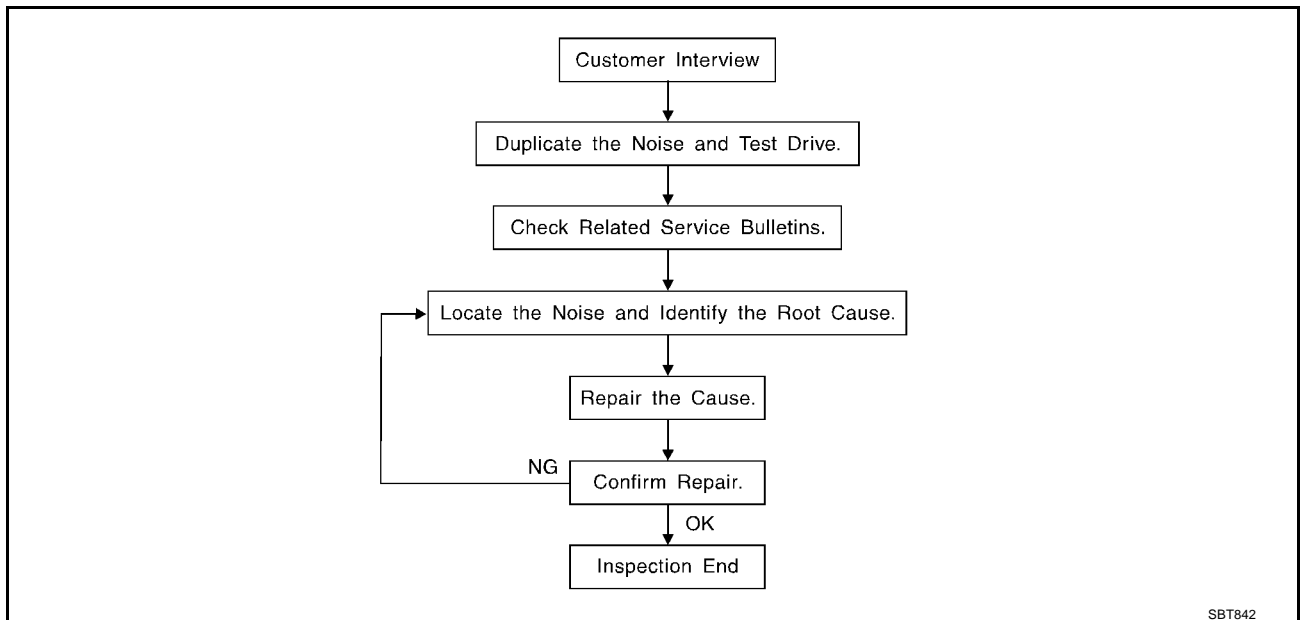
SQUEAK AND RATTLE TROUBLE DIAGNOSES

SQUEAK AND RATTLE TROUBLE DIAGNOSES

PFP:00000

Work Flow

AIS000GY



CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any customer's comments; refer to [EI-9, "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

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

SQUEAK AND RATTLE TROUBLE DIAGNOSES

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.

CHECK RELATED SERVICE BULLETINS

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

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

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear: J-39570, Engine Ear: J-39565 and 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 [EI-7, "Generic Squeak and Rattle Troubleshooting"](#).

REPAIR THE CAUSE

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

CAUTION:

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

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

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

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

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

INSULATOR (Foam blocks)

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

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

INSULATOR (Light foam block)

SQUEAK AND RATTLE TROUBLE DIAGNOSES

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

FELT CLOTH TAPE

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

68370-4B000: 15 × 25 mm (0.59 × 0.98 in) pad/**68239-13E00:** 5 mm (0.20 in) wide tape roll

The following materials, not found in the kit, can also be used to repair squeaks and rattles.

UHMW(TEFLON) TAPE

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

SILICONE GREASE

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

Note: Will only last a few months.

SILICONE SPRAY

Use when grease cannot be applied.

DUCT TAPE

Use to eliminate movement.

CONFIRM THE REPAIR

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

Generic Squeak and Rattle Troubleshooting

AIS000GZ

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 from the Nissan Squeak and Rattle Kit (J-43980) to repair the noise.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

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/HEADLINER

Noises in the sunroof/headliner 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 headliner and squeaking

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

SEATS

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

Cause of seat noise include:

1. Headrest rods and holder
2. A squeak between the seat pad cushion and frame
3. Rear seat back 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 noise 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.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Diagnostic Worksheet

AI5000H0



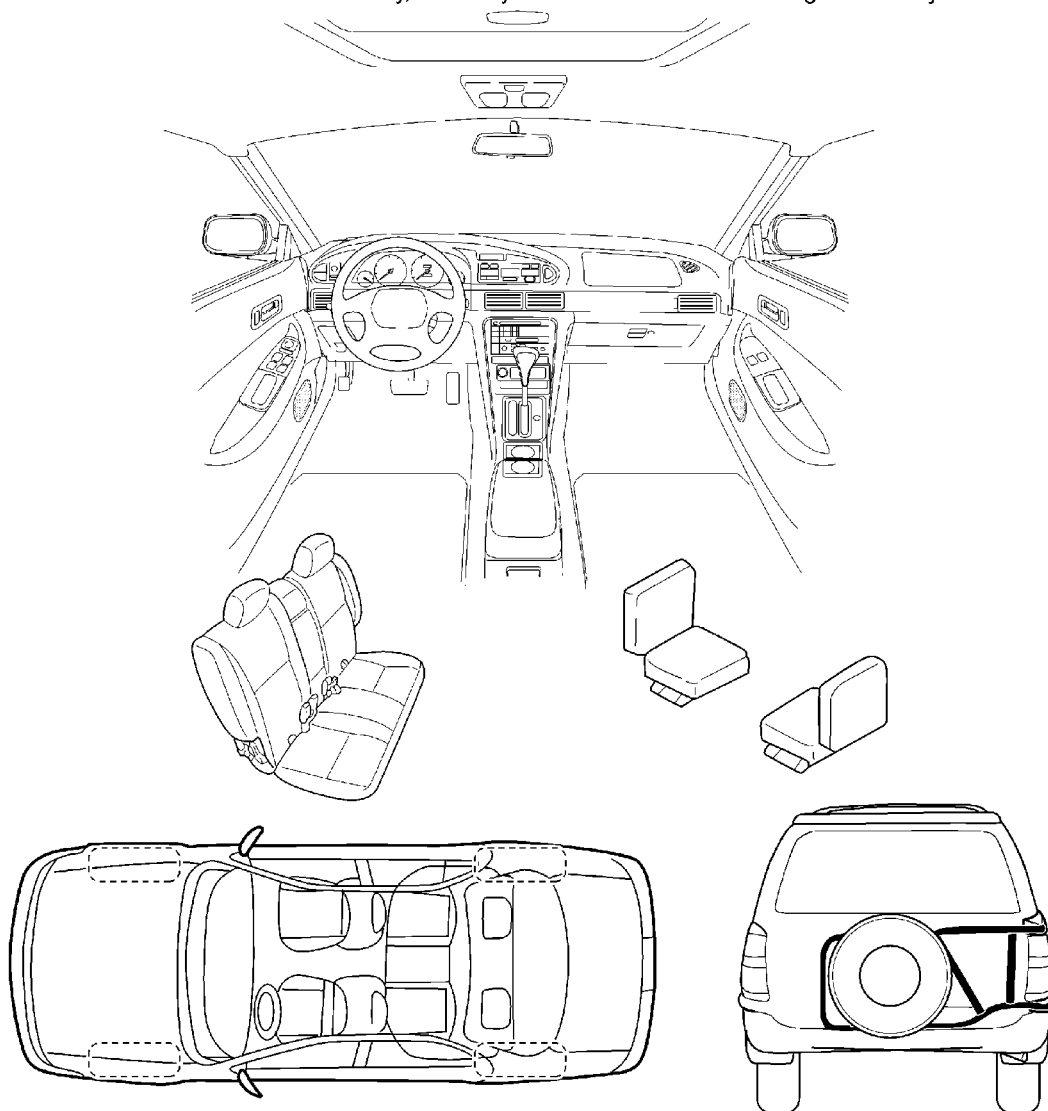
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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 the back 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.

SBT843

SQUEAK AND RATTLE TROUBLE DIAGNOSES

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET- page 2

Briefly describe the location where the noise occurs:

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

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

III. WHEN DRIVING:

- ☐ through driveways
- ☐ over rough roads
- ☐ over speed bumps
- ☐ only at 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 on a 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:

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

VIN: _____ Customer Name: _____

W.O. #: _____ Date: _____

SBT844

This form must be attached to Work Order

CLIP AND FASTENER


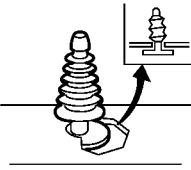
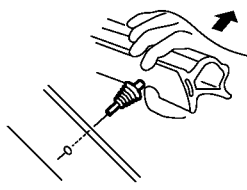

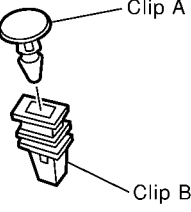
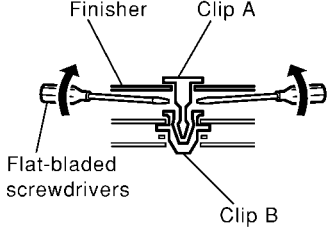

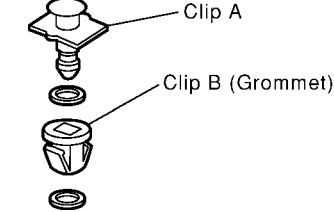
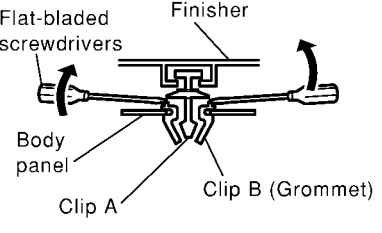

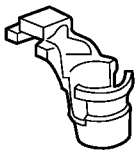
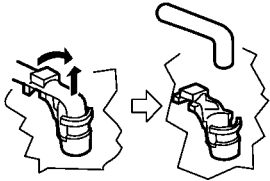

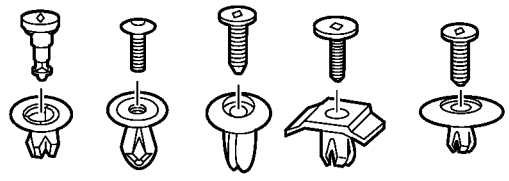

PFP:76906

Clip and Fastener


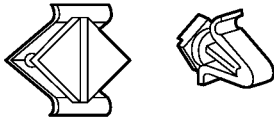

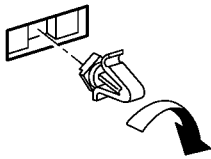


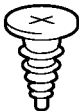



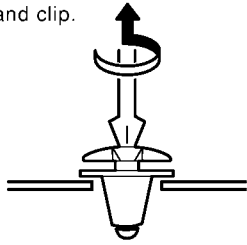



AISS000H1

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

CLIP AND FASTENER

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

CLIP AND FASTENER

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

A
B
C
D
E
F
G
H
EI
J
K
L
M

FRONT BUMPER

FRONT BUMPER

PFP:F2022

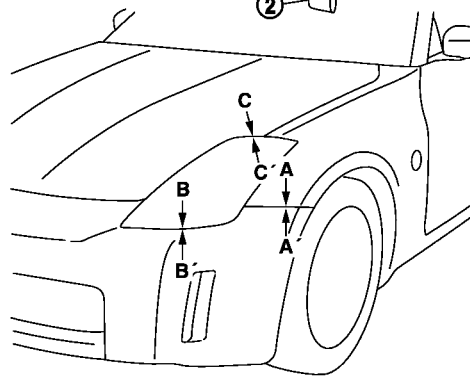
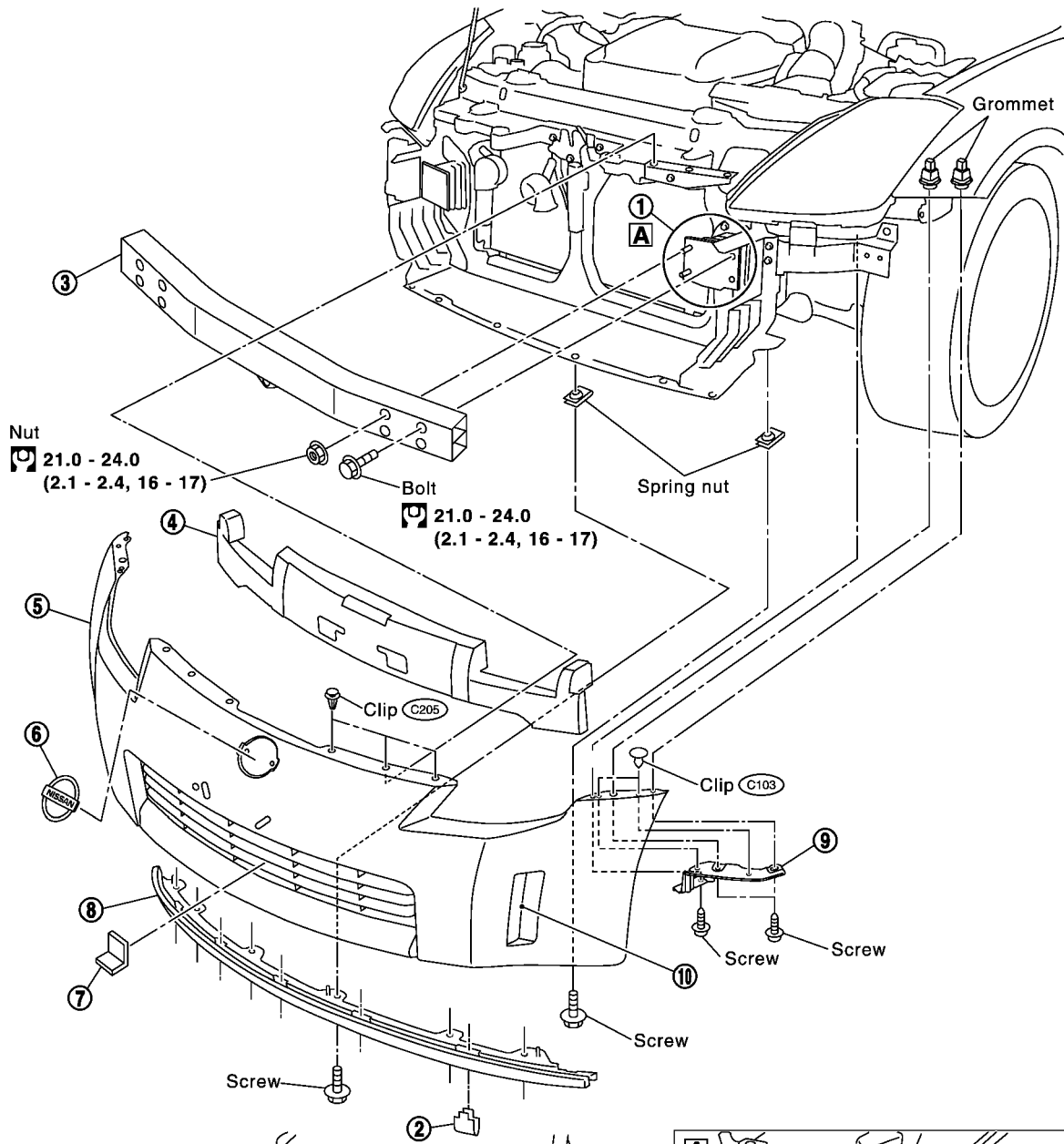
Removal and Installation

AIS000H2

CAUTION:

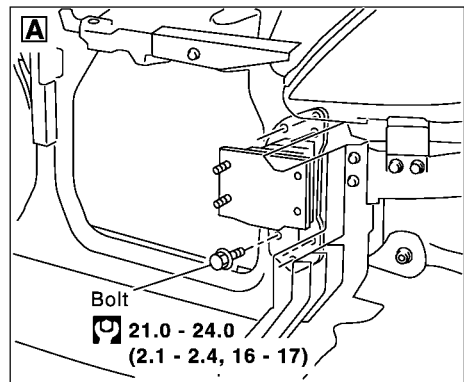
Bumper fascia is made of resin. Do not apply strong force to it, and be careful to prevent contact with oil.

FRONT BUMPER



Clearance measurement
between parts
A - A': 0 - 0.5 (0 - 0.020)
B - B': 5.9 - 8.9 (0.232 - 0.350)
C - C': 1.7 - 5.3 (0.067 - 0.209)

Unit: mm (in)
⌘ : N•m (kg•m, ft•lb)



- | | | |
|--------------------|---------------------------|-------------------------|
| 1. Bumper stay | 2. Bumper retainer | 3. Bumper reinforcement |
| 4. Energy absorber | 5. Bumper fascia assembly | 6. Front emblem |

FRONT BUMPER

-
- | | | |
|---------------------------|----------------|------------------------|
| 7. Front bumper center | 8. Air spoiler | 9. Bumper side bracket |
| 10. Bumper side reflector | | |

REMOVAL

1. Remove clips of bumper fascia upper portion.
2. Remove screw of bumper fascia lower portion.
3. Remove screws of bumper facie both side.
4. Remove screws and bolts of both right/left fender protectors on front side. Refer to [EI-21, "FENDER PROTECTOR"](#).
5. Pull out both right/left of bumper facie and remove bumper facie assembly.
6. Remove energy absorber.
7. Remove bolts and nuts of bumper reinforcement and remove bumper fascia with air guide.
8. Remove bolts of bumper stay and remove bumper stay.

Removal of Bumper Side Reflector (Left Side)

1. Remove fender protector on front.
2. Remove screw of bumper side reflector.

Removal of Bumper Side Reflector (Right Side)

1. Remove bumper assembly.
2. Remove screw of bumper side reflector.

INSTALLATION

Install in the reverse order of removal.

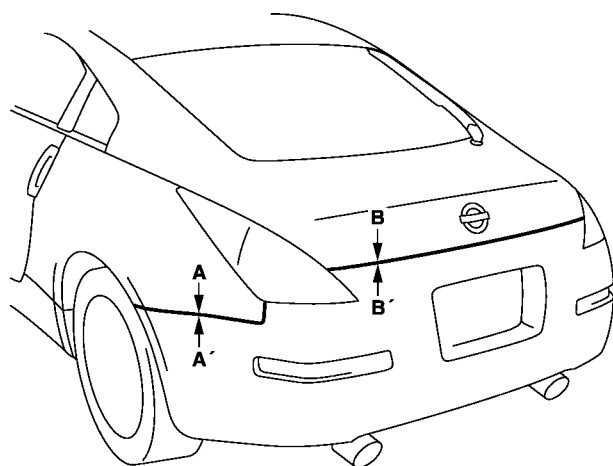
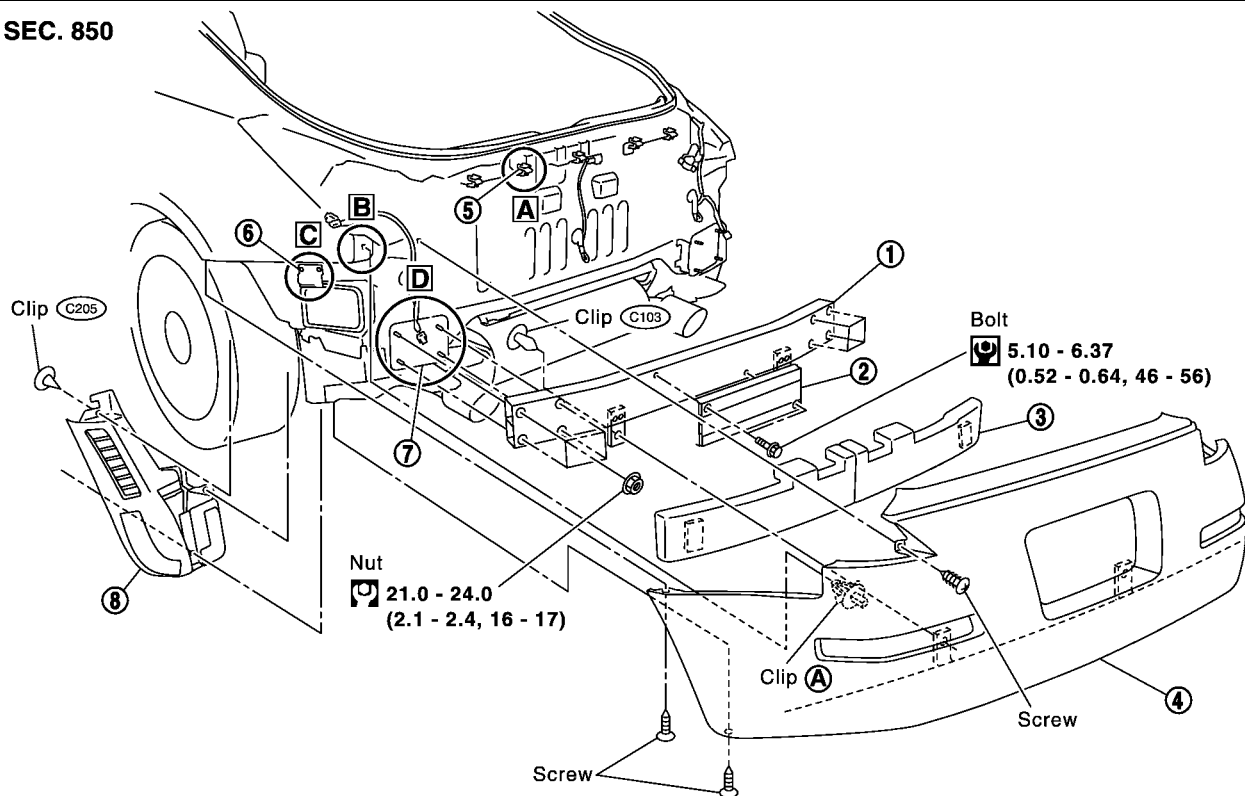
CAUTION:

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

- A
- B
- C
- D
- E
- F
- G
- H
- EI
- J
- K
- L
- M

REAR BUMPER

SEC. 850

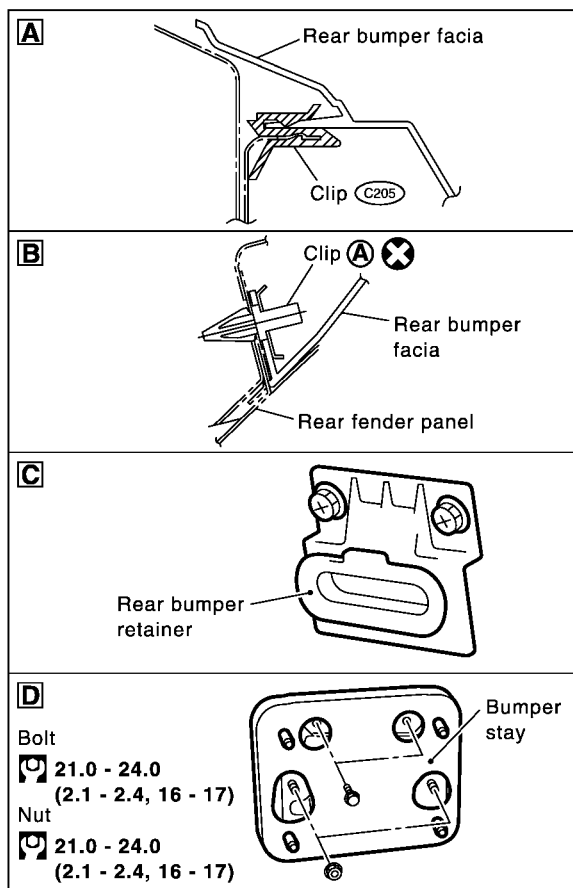


Clearance measurement between parts
A - A': 0 - 0.50 (0 - 0.0197)
B - B': 3.9 - 7.10 (0.1535 - 0.2795)
 Unit: mm (in)

: N•m (kg-m, in-lb)

: N•m (kg-m, ft-lb)

: Always replace after every disassembly.



PIIA2134E

1. Bumper reinforcement

2. Bumper override

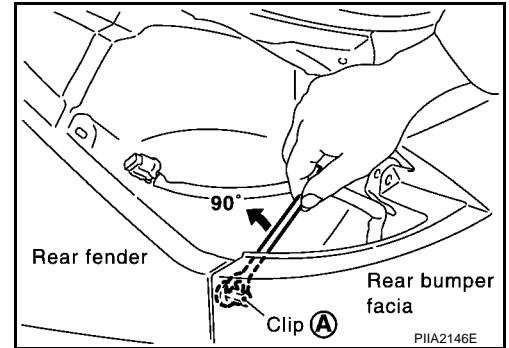
3. Energy absorber

REAR BUMPER

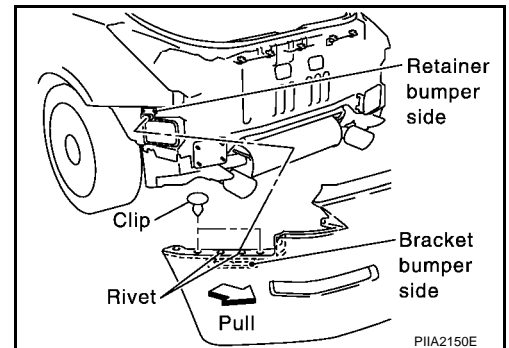
- | | | |
|---------------------------|------------------------|--------------------|
| 4. Bumper fascia assembly | 5. Bumper clip | 6. Bumper retainer |
| 7. Bumper stay | 8. Closing rear bumper | |

REMOVAL

1. Remove rear combination lamp assembly. Refer to [LT-199, "Removal and Installation"](#).
2. Remove screw rear combination portion.
3. Remove clips closing rear bumper.
4. Remove bolt and screw of both edges bumper fascia.
5. Rotate clip (A) in corner of bumper fascia 90 degrees and remove from bracket.
6. Remove clips from lower portion bumper facie.
7. Pull out upper portion bumper facie toward rear and disengage from clip.



8. Pull out both edges bumper facie toward rear and disengage retainer from braked.
9. Disconnect license lamp and turn signal lamp harness connector and remove bumper fascia assembly. Refer to [LT-155, "Removal and Installation of Rear Turn Signal Lamp"](#).
10. Remove bumper energy absorber.
11. Remove screws of bumper overrider.
12. Remove nuts and bolts of bumper reinforcement.
13. Remove bumper stay bolts.



Removal of Bumper Side Brackets

Shave head of rivet with drill [4.0 to 4.5 mm dia. (0.157 to 0.177 in)].

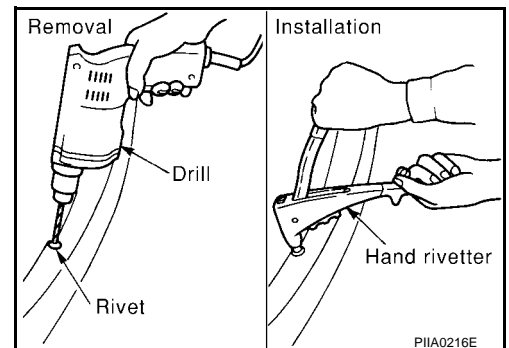
Installation of Bumper Side Brackets

Install bracket to fascia firmly with hand riveter.

NOTE:

Use the following rivet, when installing of bumper side brackets.

Rivet thickness : 1.2 – 6.4 mm (0.047 – 0.252 in)
Under hole diameter : 4.1 – 4.4 mm (0.161 – 0.173 in) dia.



INSTALLATION

Install in the reverse order of removal.

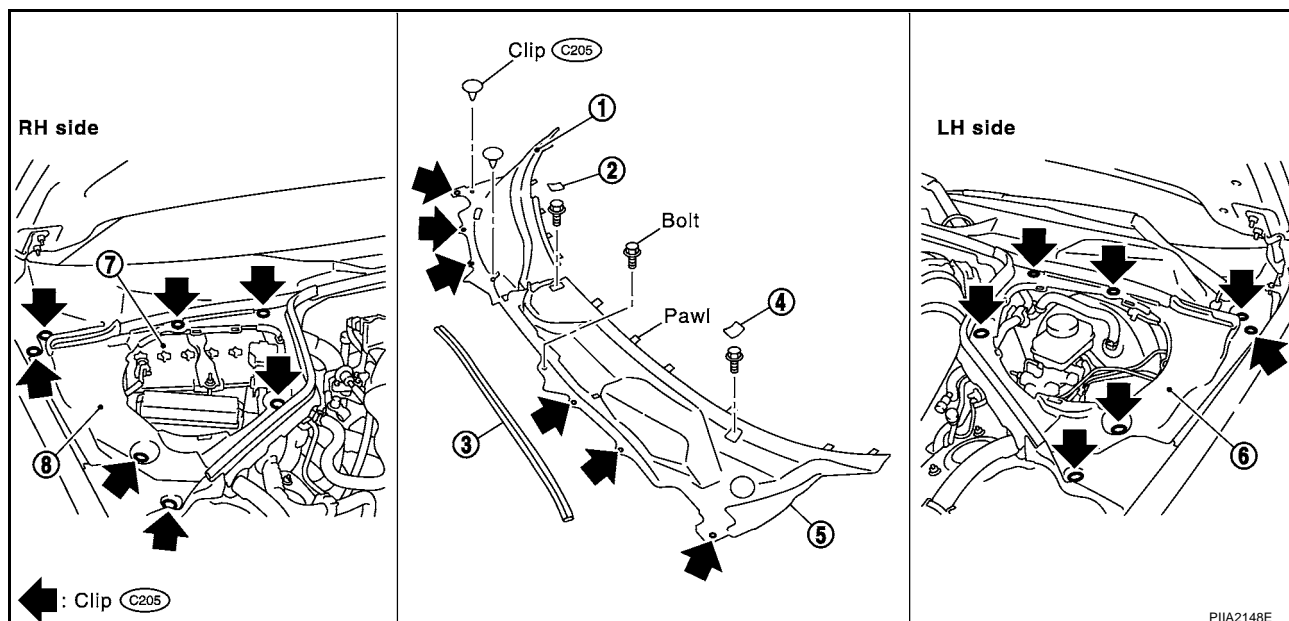
COWL TOP

COWL TOP

PFP:66100

Removal and Installation

AIS000H5



PIIA2148E

- | | | |
|---------------------------|-----------------------------|----------------------------|
| 1. Cowl top cover (right) | 2. Cap | 3. Cowl top seal rubber |
| 4. Cap | 5. Cowl top cover (left) | 6. Hood ledge cover (left) |
| 7. Battery | 8. Hood ledge cover (right) | |

REMOVAL

1. Remove clips of hood ledge cover (RH/LH).
2. Remove both right/left wiper arms. Refer to [WW-31, "Removal and Installation for Front Wiper Arms, Adjustment for Wiper Arms Stop Location"](#)
3. Remove cowl top seal rubber.
4. Remove clips of cowl top cover (right) and remove cowl top cover (right).
5. Remove clips, cap and screws and remove cowl top cover (left).
6. Remove washer hose from cowl top cover.

INSTALLATION

Install in the reverse order of removal.

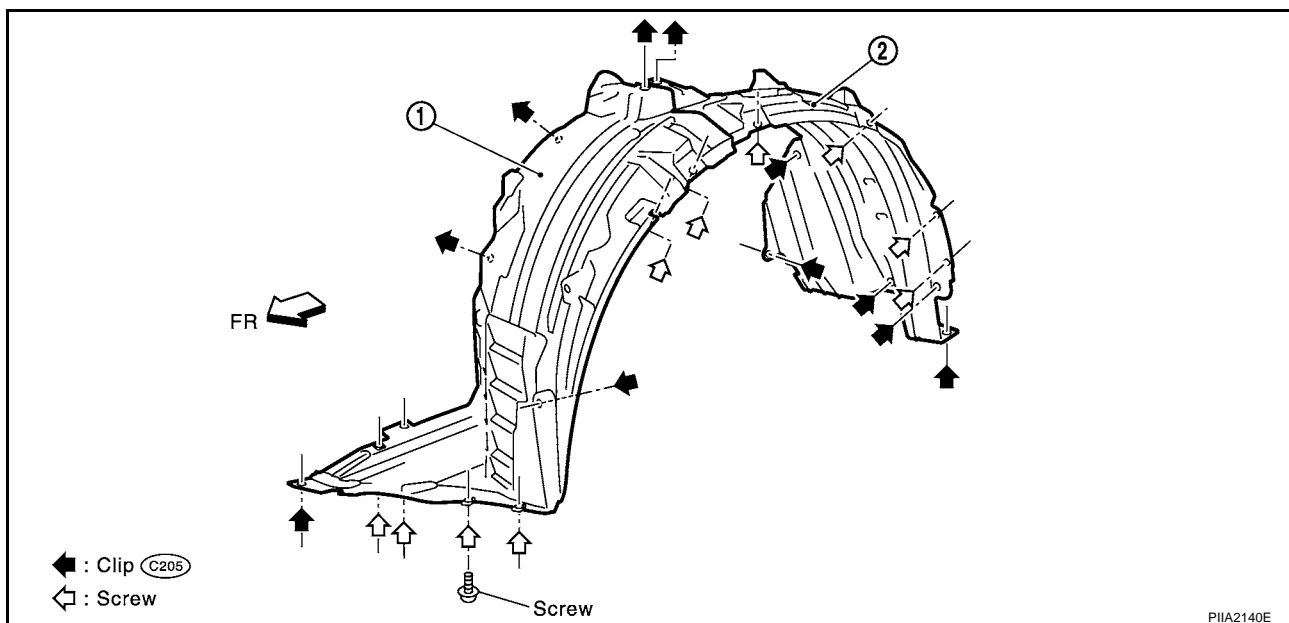
FENDER PROTECTOR

FENDER PROTECTOR

PFP:63840

Removal and Installation

AI/S000H6



1. Fender protector (front)

2. Fender protector (rear)

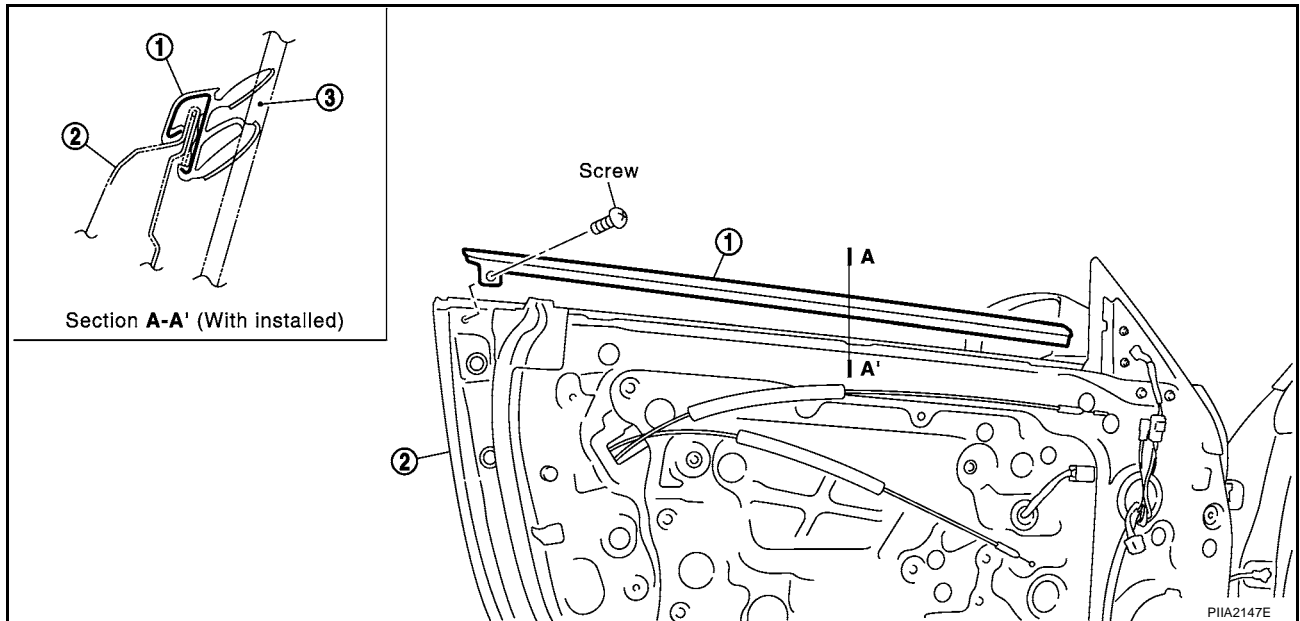
DOOR OUTSIDE MOLDING

DOOR OUTSIDE MOLDING

PFP:82820

Removal and Installation

AIS000H7



1. Door outside molding

2. Front door panel

3. Glass

DOOR OUTSIDE MOLDING

Removal

1. Open windows fully.
2. Remove door finisher. Refer to [EI-28, "Removal and Installation"](#)
3. Remove rear end of door outside molding screw.
4. Disconnect pawls on front edge of molding.
5. Disconnect pawls in the order from front side of door panel portion, with clip clamp remover.
6. Remove slide molding rearward side, after disconnecting all pawls.

INSTALLATION

Install in the reverse order of removal.

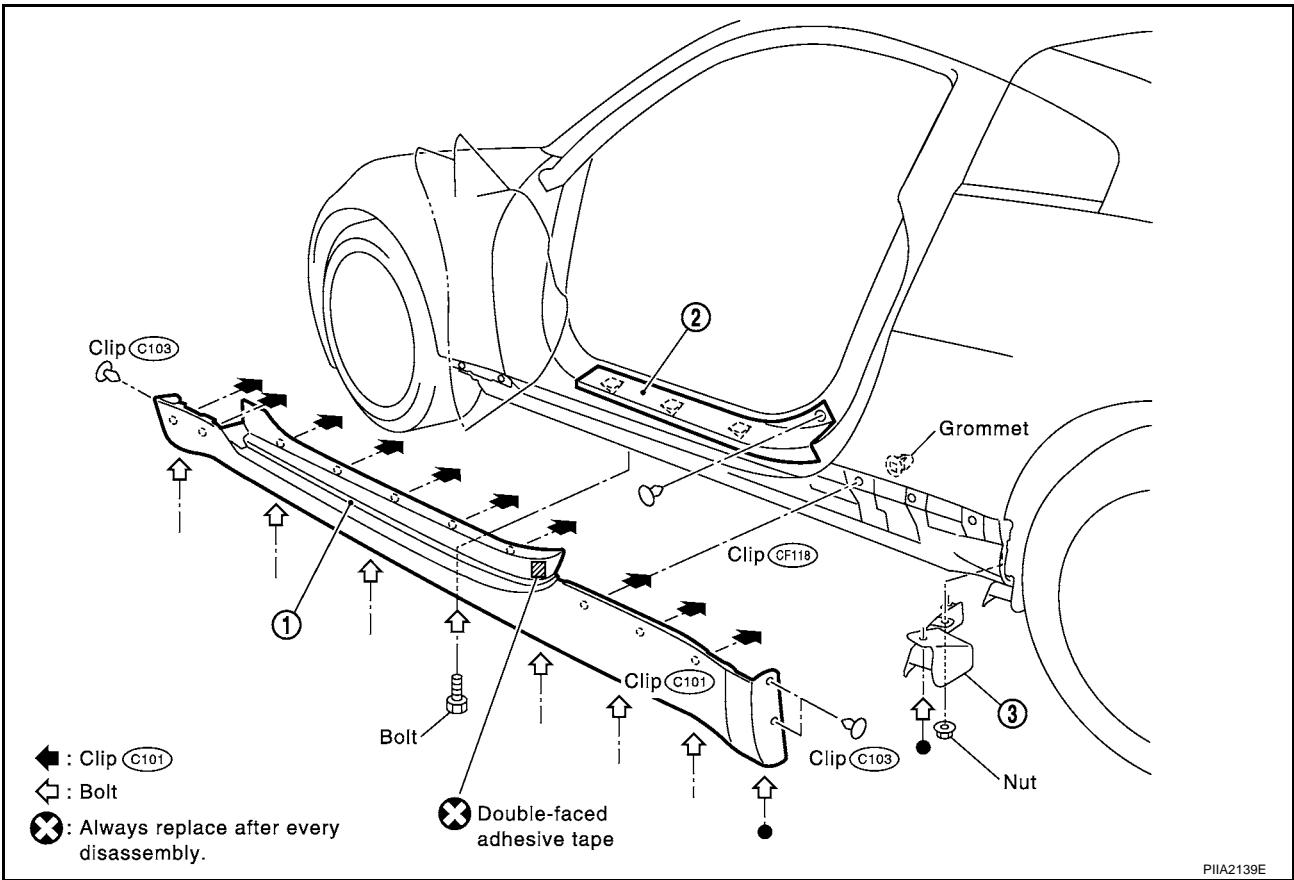
SIDE SILL FINISHER

SIDE SILL FINISHER

PFP:76852

Removal and Installation

AIS0015G



REMOVAL

1. Remove body side welt. Refer to [EI-30, "REAR SIDE FINISHER"](#).
2. Remove kicking plate outer. Refer to [EI-31, "KICKING PLATE"](#).
3. Remove bolts of side sill finisher lower portion.
4. Remove clips of side sill finisher front and rear portion.
5. Remove screw and nuts of reflector mudguard rear.
6. Insert clip clamp remover between panel and side sill finisher, and pull up side sill finisher.

INSTALLATION

Install in the reverse order of removal.

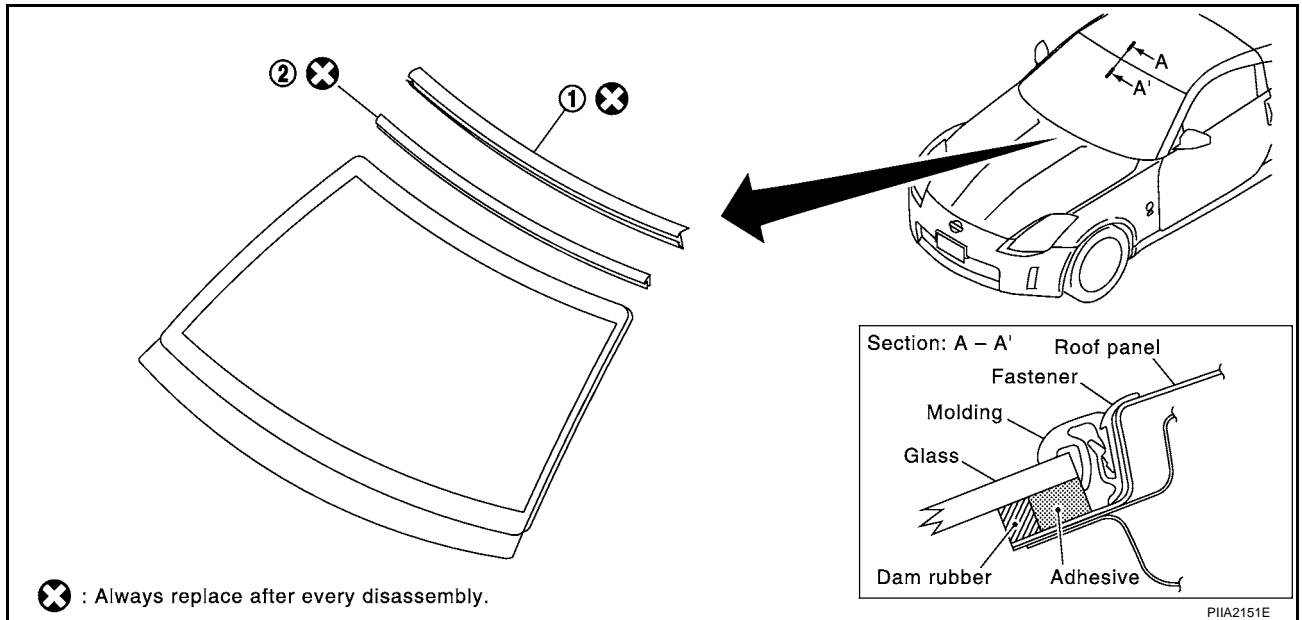
WINDSHIELD MOLDING

PFP:72700

WINDSHIELD MOLDING

Removal and Installation

AIS000HD



1. Fastener

2. Molding

REMOVAL

Remove windshield molding. Refer to [GW-11, "WINDSHIELD GLASS"](#).

NOTE:

- Apply protective tape around circumference of windshield.
- Guiding a cutter knife along glass, cut surface of molding.
- Using pliers, draw out all remaining molding left in flanged area of body, and remove it completely from adhering surface on glass.

INSTALLATION

Refer to [GW-11, "WINDSHIELD GLASS"](#).

NOTE:

- Align matching marks on body and glass. Install glass to body.
- Press entire surface of glass lightly to fit it completely.

Using a spatula, repair any adhesive overflow or shortage to make surface smooth. Position windshield moldings and allow their adhesion.

CAUTION:

- Be sure to install windshield molding before adhesive hardens.
- After installing glass, keep door windows open and avoid driving vehicle until adhesive has completely cured.

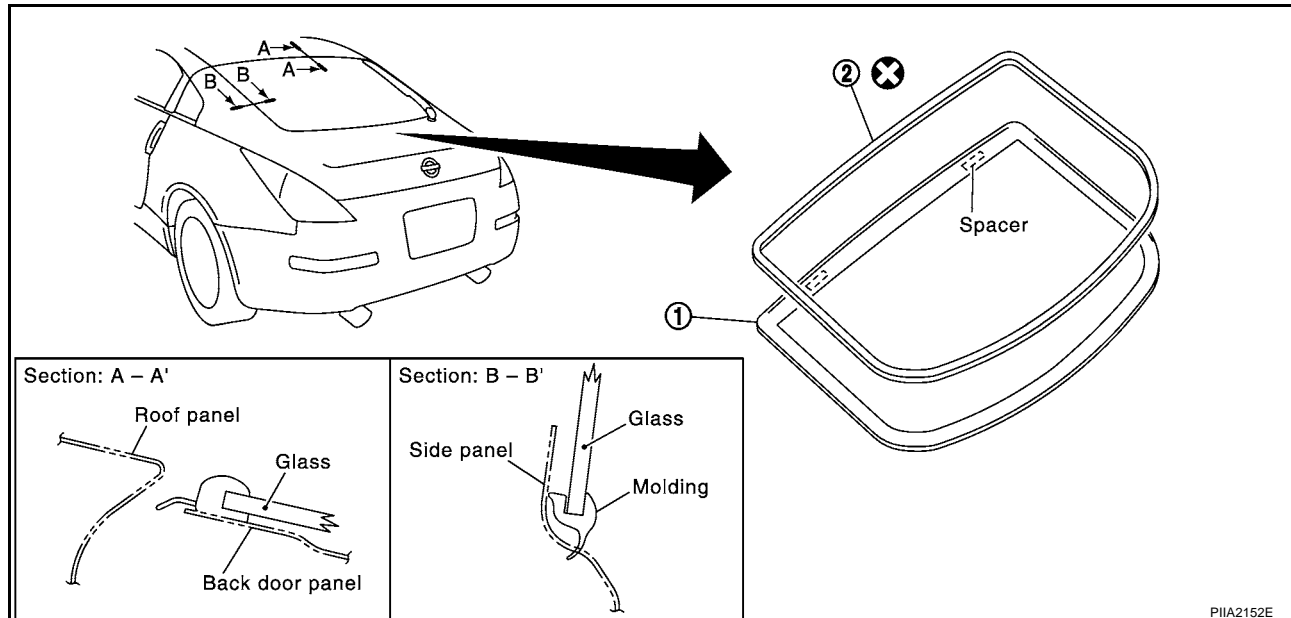
REAR WINDOW MOLDING

REAR WINDOW MOLDING

PFP:79762

Back Door Molding REMOVAL AND INSTALLATION

AIS000HE



1. Rear window glass

2. Molding

Removal

Remove back door molding. Refer to [GW-13, "BACK DOOR WINDOW GLASS"](#).

NOTE:

Apply a strip of protective tape along the contour of back door window glass (molding) to prevent paint surface from being damaged.

Installation

Refer to [GW-13, "BACK DOOR WINDOW GLASS"](#).

NOTE:

- Clean adhesive portion of back door window glass and around circumference with white gasoline.
- Apply dam rubber to all surfaces of glass.
- Attach back door window molding to side face of glass.
- Back door window molding should not overlap on the surface of back door window glass.

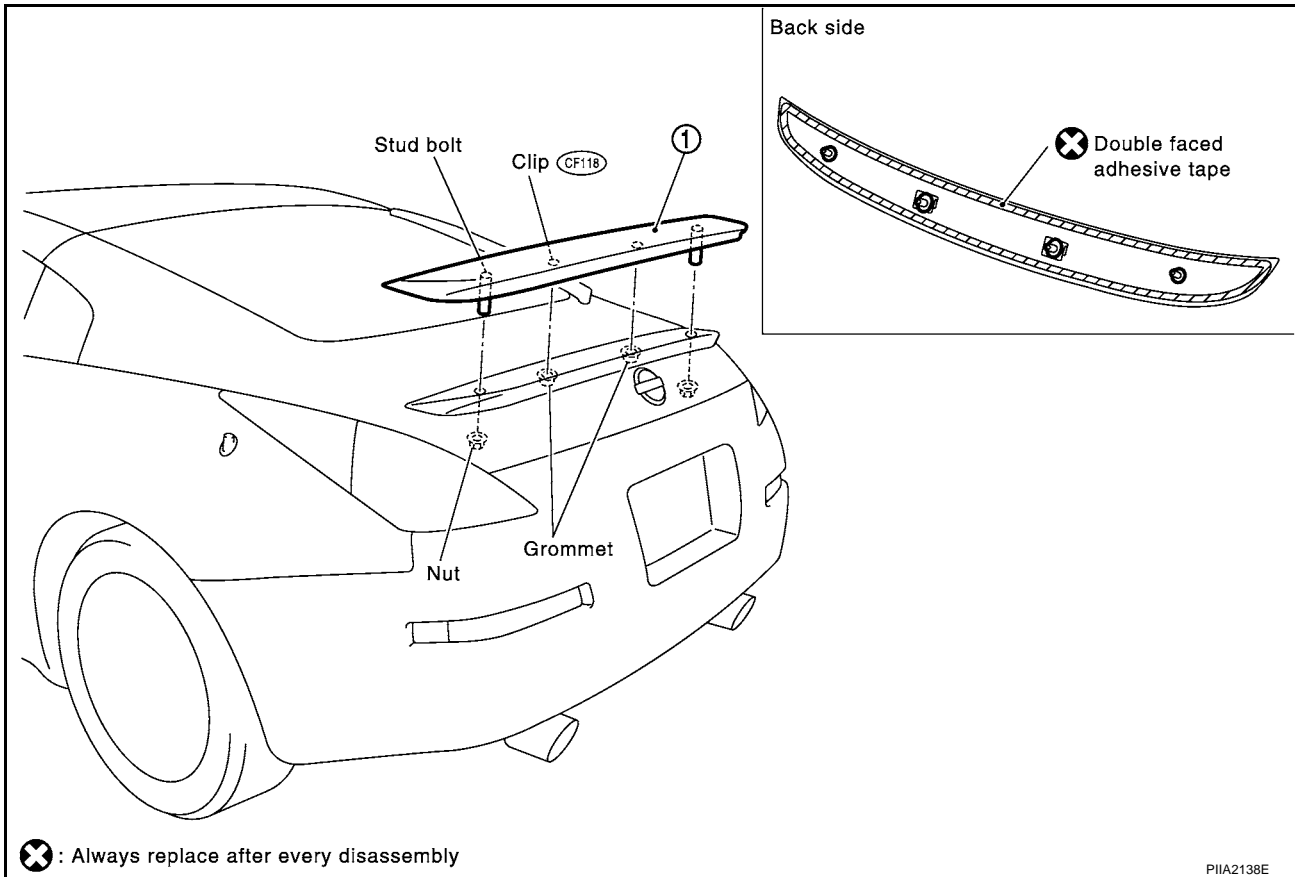
REAR SPOILER

REAR SPOILER

PFP:96030

Removal and Installation

AIS000HH



1. Rear spoiler

2. Nut

REMOVAL

1. Remove back door finisher lower. Refer to [EI-36, "Removal and Installation"](#).
2. Remove nuts of rear spoiler.
3. Remove clip of rear spoiler.
4. Remove double-faced adhesive tapes with wide plastic spatula between back door and rear spoiler.

INSTALLATION

Install in the reverse order of removal.

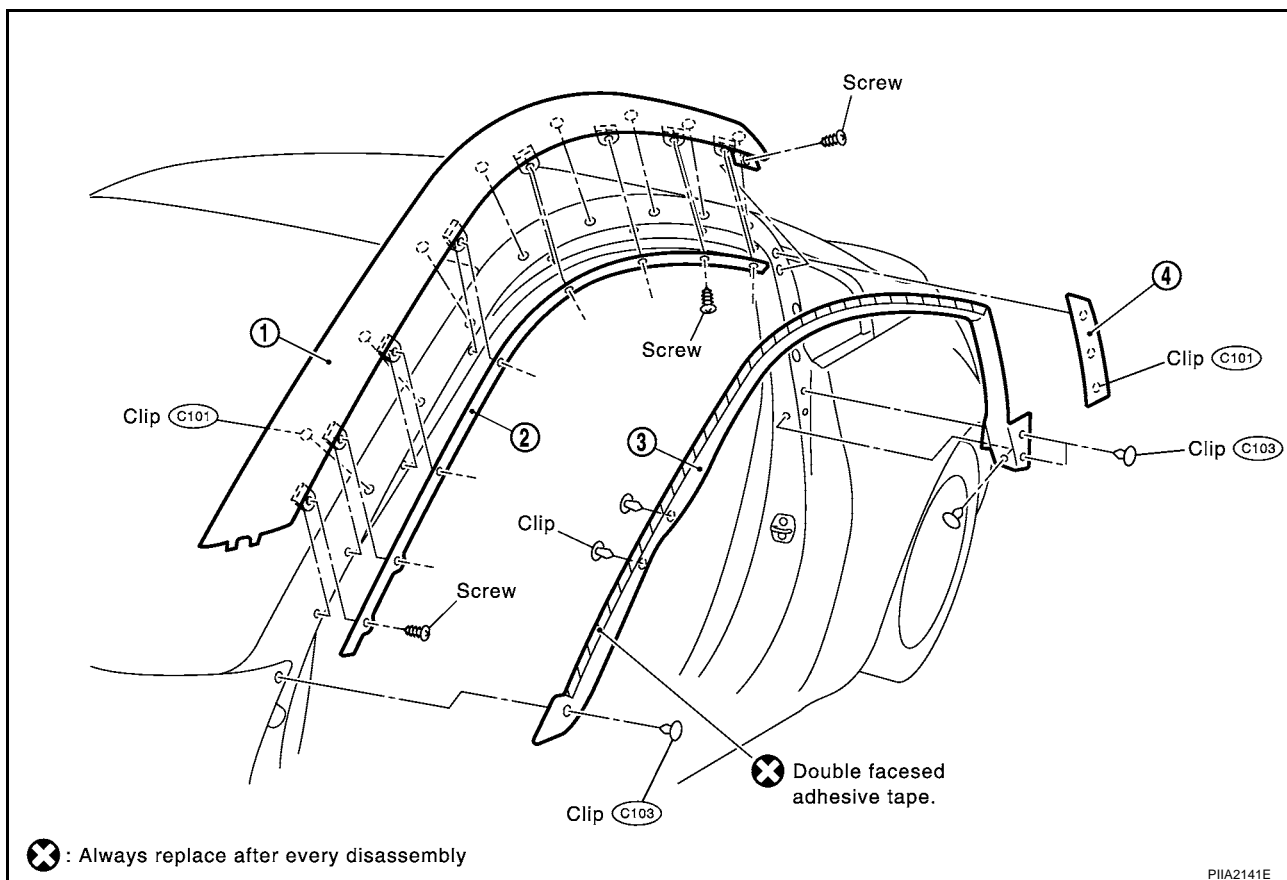
ROOF SIDE MOLDING

ROOF SIDE MOLDING

PFP:73854

Removal and installation

AIS0015K



1. Front pillar finisher
2. Retainer body side weatherstrip
3. Body side weatherstrip
4. Lock pillar finisher

FRONT PILLAR FINISHER

Removal

1. Remove lock pillar finisher.
2. Remove clip and double-faced adhesive tapes of body side weatherstrip.
3. Remove body side weatherstrip.
4. Remove screw of retainer body side weatherstrip.
5. Remove screw and clip of front pillar finisher.
6. Remove front pillar finisher.

Installation

Install in the reverse order of removal.

LOCK PILLER FINISHER

Removal

1. Lift and twist lock pillar finisher up from lock pillar disconnect clips.

Installation

Install in the reverse order of removal.

DOOR FINISHER

DOOR FINISHER

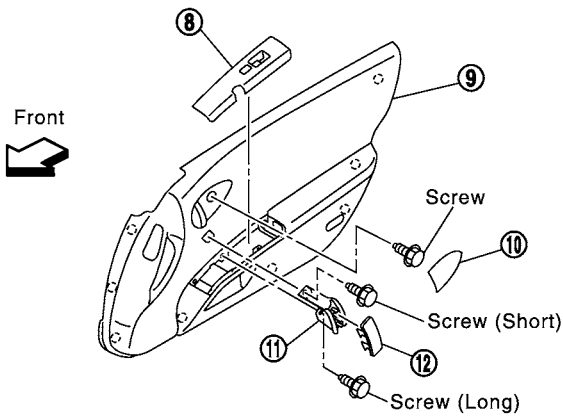
PFP:80900

Removal and Installation

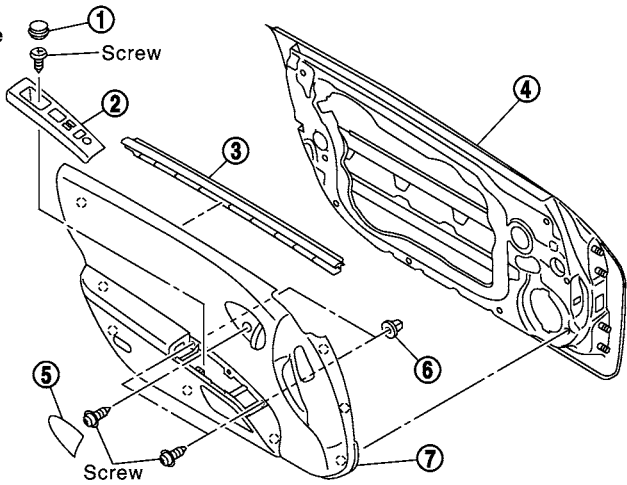
AIS000HJ

SEC. 809•828

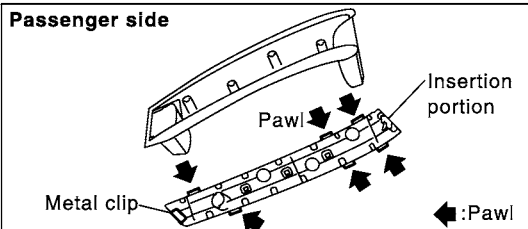
Passenger side



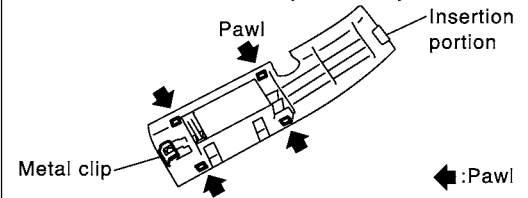
Driver side



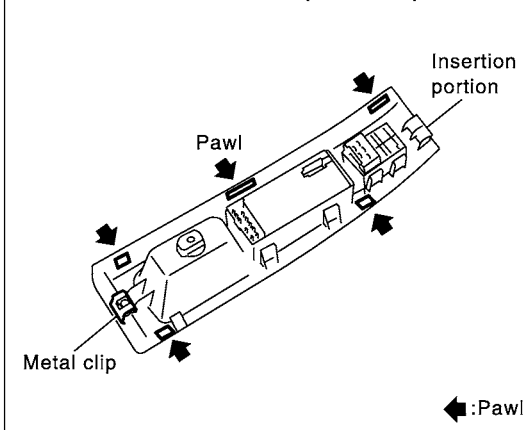
Passenger side



Power window sub-switch (Back side)



Power window main switch (Back side)



PIIA2154E

- | | | |
|---|--------------------------------------|--|
| 1. Cap | 2. Power window main switch finisher | 3. Seal inner |
| 4. Door panel assembly (driver side) | 5. Inside handle escutcheon | 6. Grommet |
| 7. Door finisher assembly (driver side) | 8. Power window sub switch finisher | 9. Door finisher assembly (passenger side) |
| 10. Inside handle escutcheon | 11. Door grip | 12. Door grip finisher |

DRIVER DOOR FINISHER

Removal

1. Remove cap inside handle portion and remove screw.
2. Remove finisher power window main switch.
3. Disconnect harness connector power window main switch.
4. Remove screw of power window main switch portion.
5. Pull up door finisher and remove connector inside handle cable and lock knob cable.

Installation

Install in the reverse order of removal.

CAUTION:

To install finisher, check if all clips are matched over holes of panel on vehicle, then push it.

DOOR FINISHER

PASSENGER DOOR FINISHER

Removal

1. Remove cap inside handle portion and remove screw.
2. Insert taping flat-bladed screwdriver into edge portion, disconnect pawls, and remove door grip finisher.
3. Remove screw of door grip portion.
4. Remove finisher power window sub switch.
5. Disconnect harness connector power window sub switch.
6. Remove screw of power window sub switch portion.
7. Pull up door finisher and remove connector inside handle cable and lock knob cable.

Installation

Install in the reverse order of removal.

CAUTION:

To install finisher, check if all clips are matched over holes of panel on vehicle, then push it.

A

B

C

D

E

F

G

H

EI

J

K

L

M

BODY SIDE TRIM

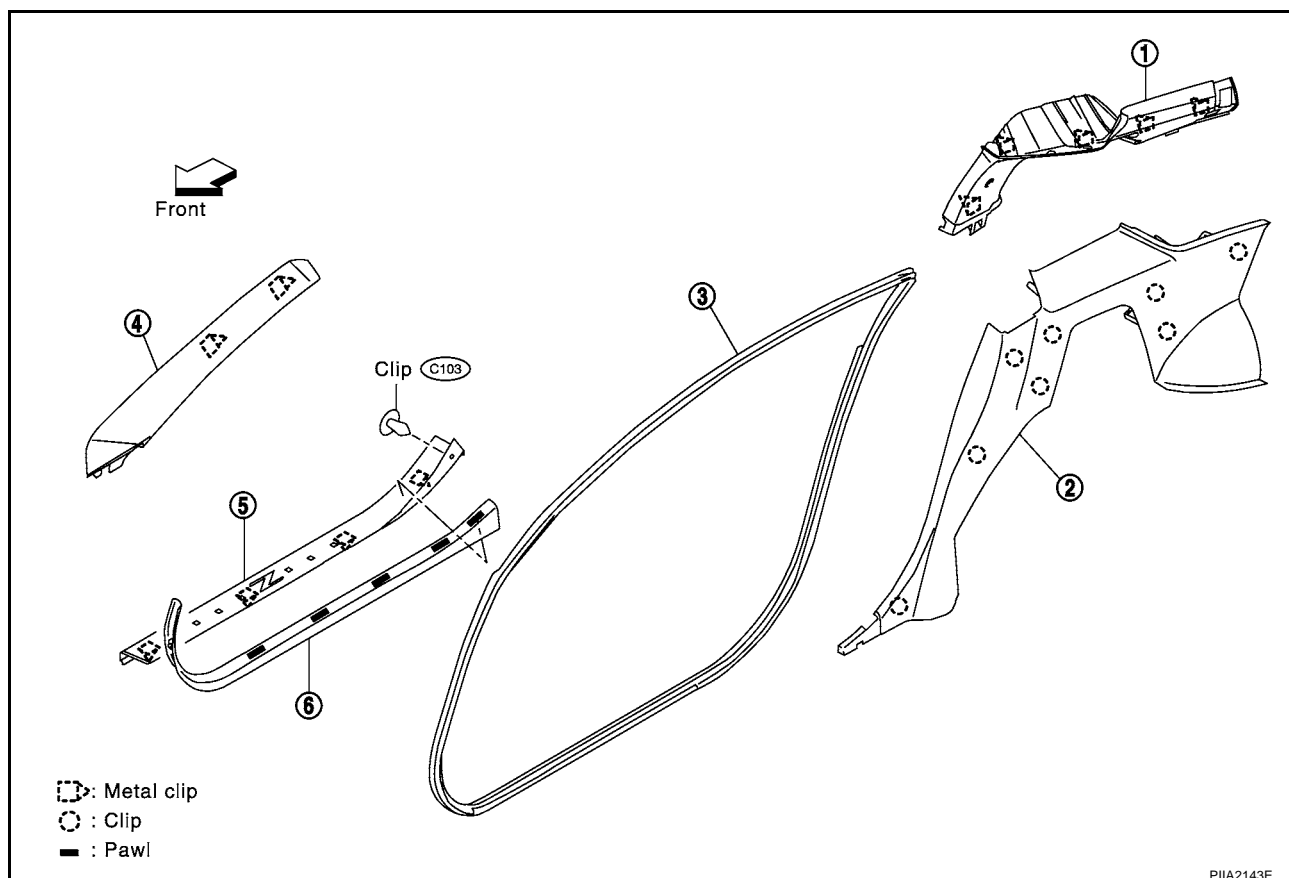
PFP:76913

Removal and Installation

AIS000HK

CAUTION:

- Wrap the tip of flat-bladed screwdriver with a cloth when removing metal clips from garnishes.



- | | | |
|-------------------------|------------------------|------------------------|
| 1. Rear pillar finisher | 2. Rear side finisher | 3. Body side welt |
| 4. Front pillar garnish | 5. Kicking plate outer | 6. Kicking plate inner |

REAR SIDE FINISHER

Removal

1. Remove kicking plate inner.
2. Remove body side welt.
3. Remove rear side finisher.

Installation

Install in the reverse order of removal.

REAR PILLAR FINISHER

Removal

1. Remove back door welt. Refer to [EI-32, "Removal and Installation"](#).
2. Remove luggage finisher lower center. Refer to [EI-36, "Removal and Installation"](#).
3. Disconnect harness connector at luggage room lamp. Refer to [EI-32, "Removal and Installation"](#).
4. Remove luggage side finisher upper. Refer to [EI-32, "Removal and Installation"](#).
5. Remove seat belt shoulder anchor. Refer to [SB-4, "Removal and Installation of Seat Belt"](#).
6. Remove kicking plate inner.
7. Remove body side welt.
8. Remove rear side finisher.
9. Remove rear pillar finisher.

BODY SIDE TRIM

Installation

Install in the reverse order of removal.

FRONT PILLAR GARNISH

Removal

- 1. Remove body side welt.
- 2. Remove front pillar garnish.

Installation

Install in the reverse order of removal.

KICKING PLATE

Removal

- 1. Remove kicking plate inner.
- 2. Remove body side welt.
- 3. Remove clip of kicking plate outer.
- 4. Remove kicking plate outer.

Installation

Install in the reverse order of removal.

NOTE:

To install, check if all clips are matched over holes of panel on vehicle, then push on.

A

B

C

D

E

F

G

H

EI

J

K

L

M

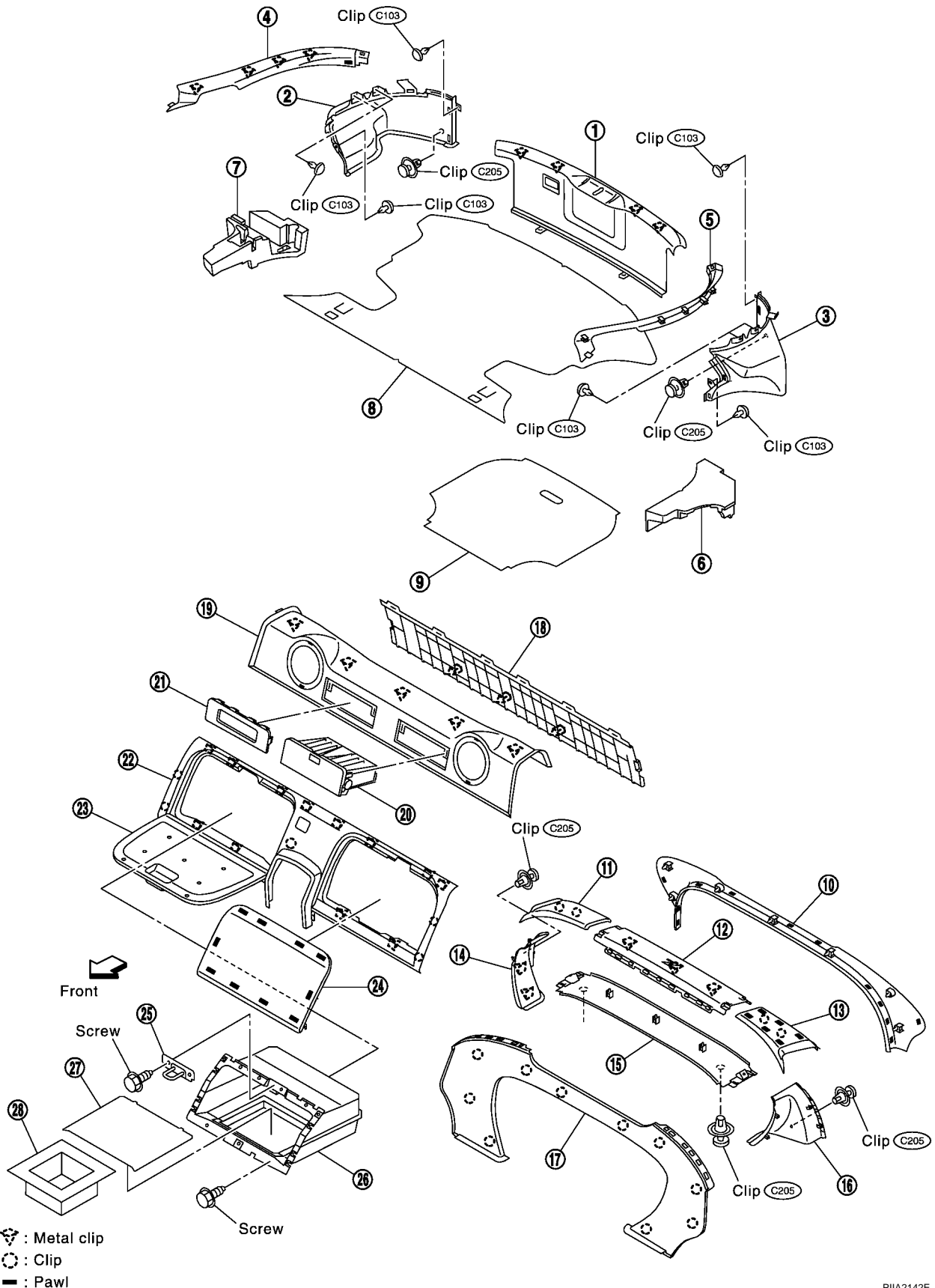
LUGGAGE FLOOR TRIM

LUGGAGE FLOOR TRIM

PFP:84999

Removal and Installation

AIS0015R



PIIA2142E

LUGGAGE FLOOR TRIM

- | | | | |
|--|-------------------------------------|---|---|
| 1. Luggage finisher lower (center) | 2. Luggage side finisher lower (RH) | 3. Luggage side finisher lower (LH) | A |
| 4. Luggage side finisher upper (RH) | 5. Luggage side finisher upper (LH) | 6. Trunk side box | |
| 7. Tool box | 8. Luggage floor carpet | 9. Spare tire cover | |
| 10. Strut cover rear | 11. Strut cover upper (RH) | 12. Strut cover upper (center) | B |
| 13. Strut cover upper (LH) | 14. Strut cover lower (RH) | 15. Strut cover lower (center) | |
| 16. Strut cover lower (LH) | 17. Strut cover front | 18. Luggage floor finisher upper (rear) | |
| 19. Luggage floor finisher upper (front) | 20. Rear parcel box | 21. Rear parcel escutcheon | C |
| 22. Luggage floor finisher lower | 23. Rear floor box lid | 24. Luggage floor finisher mask | |
| 25. Rear floor box lock | 26. Rear floor box | 27. Rear floor box mat | |
| 28. Tray | | | D |

LUGGAGE FLOOR TRIM

Removal

1. Remove back door welt.Refer to [EI-36, "BACK DOOR"](#)
2. Remove luggage floor carpet.
3. Remove spare tire cover.
4. Remove luggage finisher lower (center).
5. Remove luggage side finisher upper (RH/LH).
6. Remove strut cover upper (RH/LH).
7. Remove strut cover rear.
8. Remove clip of luggage side finisher lower and remove luggage side finisher lower.
9. Remove strut cover front.
10. Remove strut cover upper (center).
11. Remove clip of strut cover lower (RH/LH) and remove strut cover lower.
12. Remove strut cover lower (center).

Installation

Install in the reverse order of removal.

REAR FLOOR BOX

Removal

1. Remove kicking plate inner.Refer to [EI-30, "BODY SIDE TRIM"](#)
2. Remove body side welt.Refer to [EI-30, "BODY SIDE TRIM"](#)
3. Remove rear side finisher.Refer to [EI-30, "BODY SIDE TRIM"](#)
4. Remove console box.Refer to [IP-11, "INSTRUMENT PANEL ASSEMBLY"](#)
5. Remove screw of rear floor box and remove rear floor box.
6. Remove pins of rear floor box lid and remove rear floor box lid.
7. Remove luggage floor finisher mask.
8. Remove screws of rear floor box lock and remove rear floor box lock.
9. Remove tray.

Installation

Install in the reverse order of removal.

NOTE:

To install, check if all clips are matched over holes panel on vehicle, then push on.

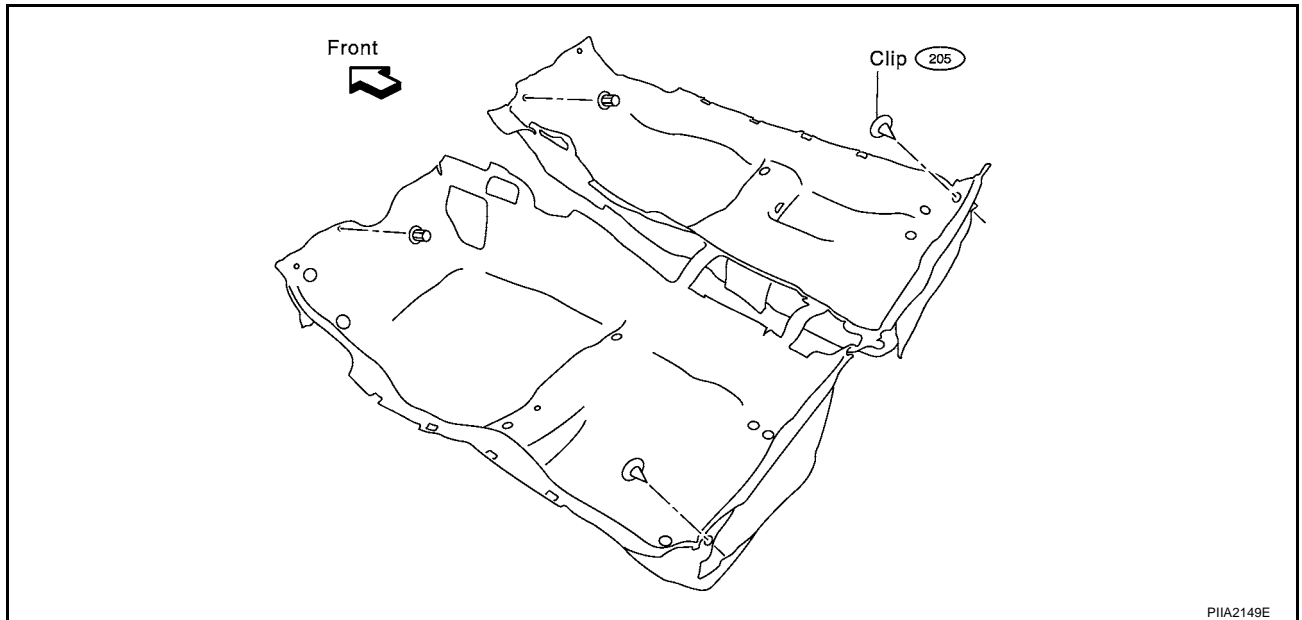
FLOOR TRIM

FLOOR TRIM

PFP:74902

Removal and Installation

AIS000HM

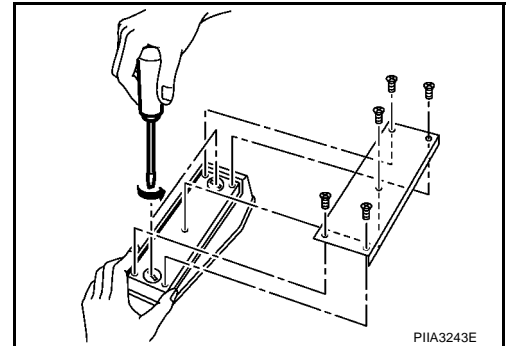


1. Floor carpet assembly

2. Nut

REMOVAL

1. Remove driver seat and passenger seat. Refer to [SE-18, "SEAT"](#)
2. Remove center console. Refer to [IP-12, "Removal and Installation"](#)
3. Remove instrument side panel (left and right). Refer to [IP-12, "Removal and Installation"](#)
4. Remove body side welt. Refer to [EI-30, "BODY SIDE TRIM"](#)
5. Remove kicking plate inner. Refer to [EI-30, "BODY SIDE TRIM"](#)
6. Remove screw of footrest and remove plate.
7. Remove clips of footrest and remove footrest
8. Remove dash side finisher. Refer to [IP-12, "Removal and Installation"](#)
9. Remove nut and clips of floor carpet assembly and remove floor carpet assembly.
10. Remove clips to remove floor carpet assembly.



INSTALLATION

Install in the reverse order of removal.

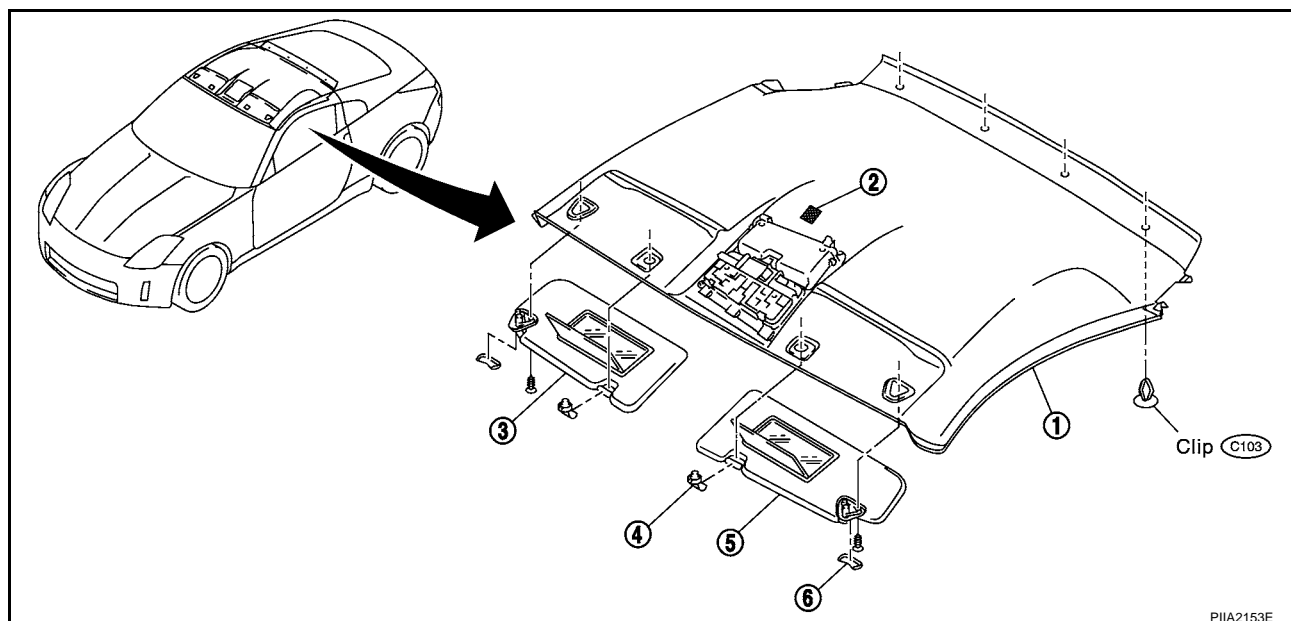
HEADLINING

HEADLINING

PFP:73910

Removal and Installation

AIS000HN



- | | | |
|---------------------|-----------------------|----------------------|
| 1. Headlining | 2. Dual lock fastener | 3. Sun visor (right) |
| 4. Sun visor holder | 5. Sun visor (left) | 6. cap |

REMOVAL

1. Remove back door welt. Refer to [EI-32, "Removal and Installation"](#).
2. Remove luggage floor carpet. Refer to [EI-32, "Removal and Installation"](#).
3. Remove luggage finisher lower center. Refer to [EI-32, "Removal and Installation"](#).
4. Disconnect harness connector at luggage room lamp. Refer to [EI-32, "Removal and Installation"](#).
5. Remove luggage side finisher upper. Refer to [EI-32, "Removal and Installation"](#).
6. Remove kicking plate inner. Refer to [EI-31, "KICKING PLATE"](#).
7. Remove body side welt. Refer to [EI-30, "REAR SIDE FINISHER"](#).
8. Remove rear side finisher. Refer to [EI-30, "REAR SIDE FINISHER"](#).
9. Remove seat belt anchor. Refer to [SB-4, "Removal and Installation of Seat Belt"](#).
10. Remove rear pillar garnish. Refer to [EI-30, "REAR PILLAR FINISHER"](#).
11. Remove front pillar garnish. Refer to [EI-27, "Removal and installation"](#).
12. Disconnect harness connector at map lamp.
13. Remove sun visor and sun visor holder.
14. Remove dual lock fastener.
15. Remove clips of headlining rear portion.
16. Remove headlining, turn to 90 degrees and take out from back door.

CAUTION:

- Always remove or install in a pair.
- Cover surroundings with waste to avoid scratches or damages.
- Do not bend headlining too hard.

INSTALLATION

Install in the reverse order of removal.

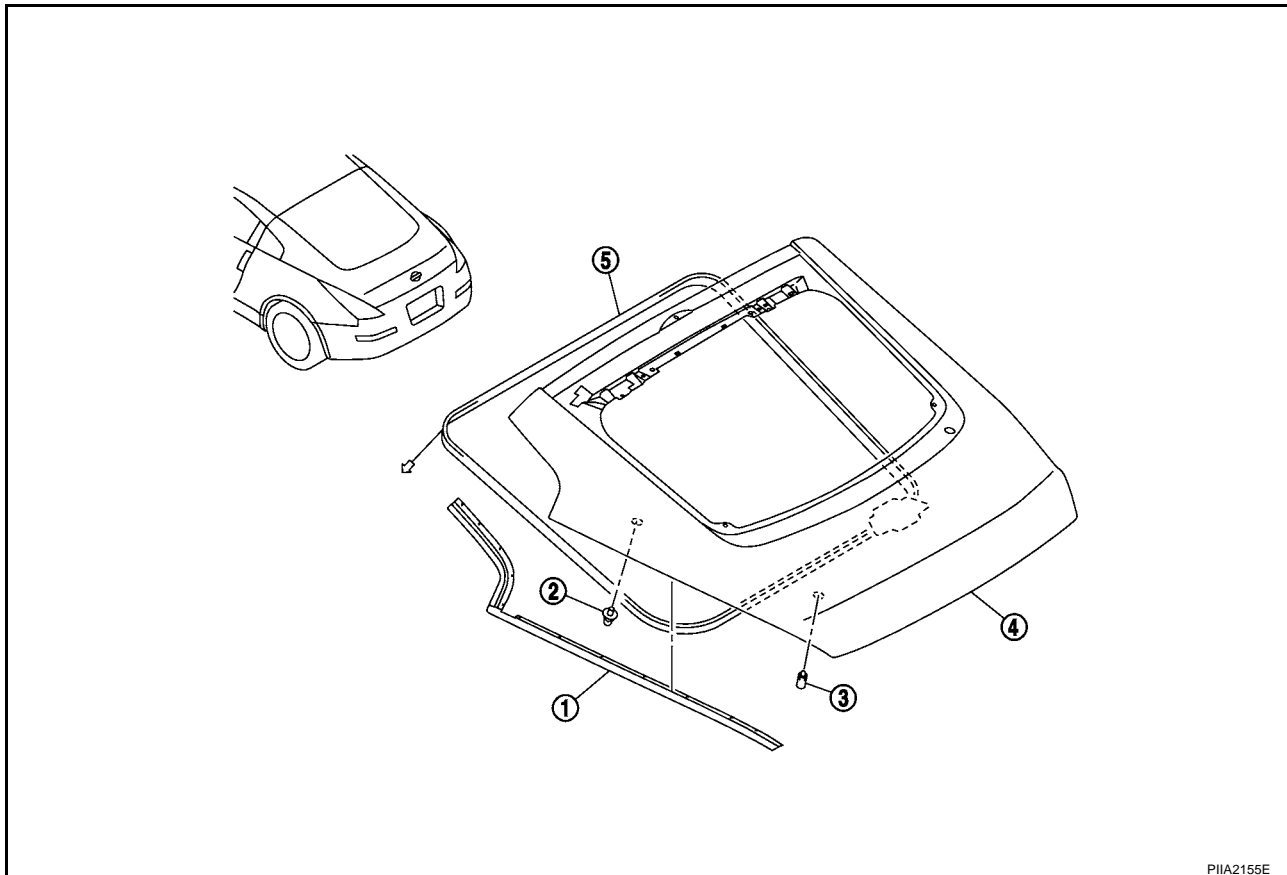
BACK DOOR

BACK DOOR

PFP:90100

Removal and Installation BACK DOOR

AIS001QA



PIIA2155E

- | | | |
|----------------------|-------------------|------------------|
| 1. Back door molding | 2. Bumper rubber | 3. Bumper rubber |
| 4. Back door panel | 5. Back door welt | |

Removal

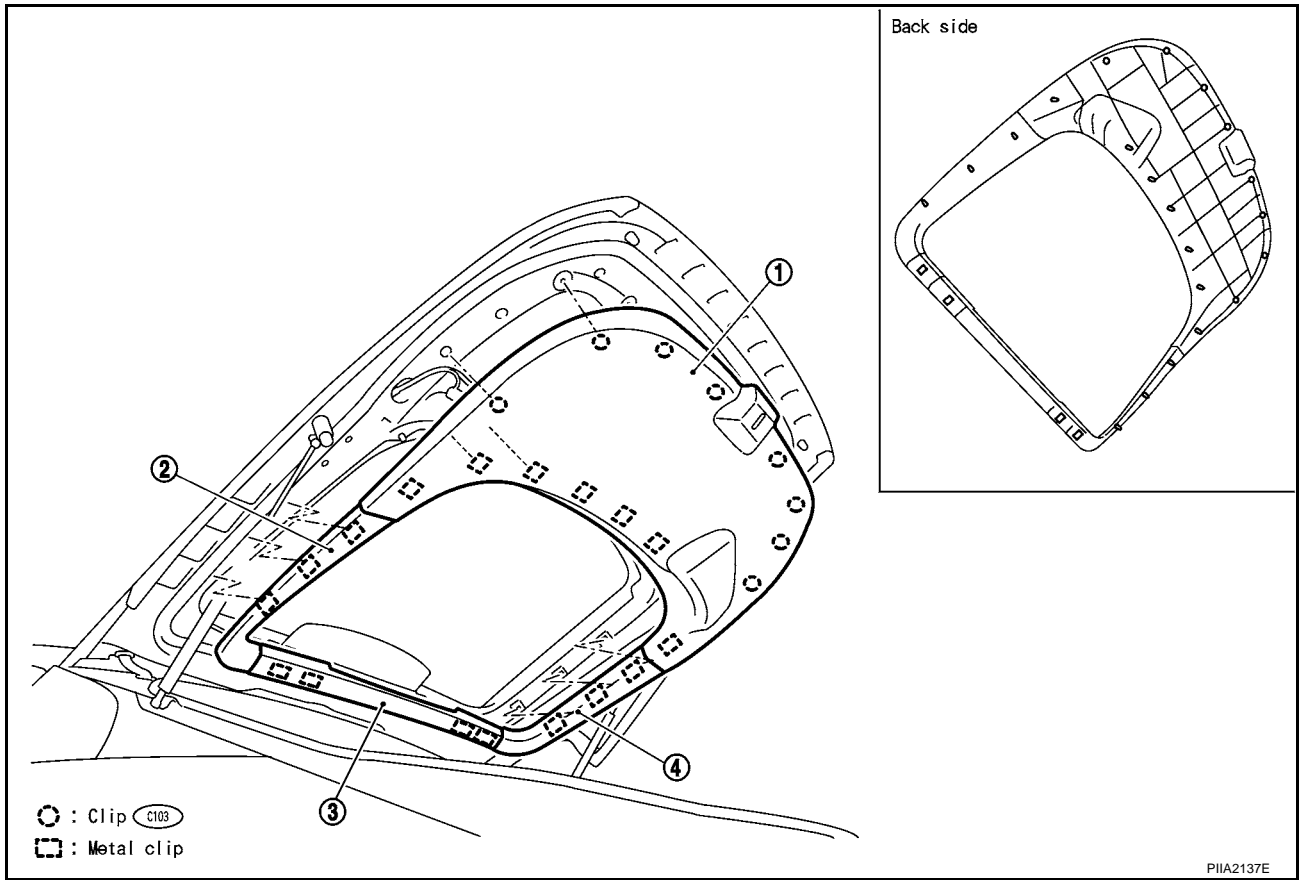
1. Remove bumper rubber.
2. Remove back door welt.
3. Remove clips of back door molding and remove back door molding.
4. Remove back door glass. Refer to [GW-13, "BACK DOOR WINDOW GLASS"](#).

Installation

Install in the reverse order of removal.

BACK DOOR

BACK DOOR FINISHER



A

B

C

D

E

F

G

H

EI

J

K

L

M

1. Back door finisher lower
2. Back door finisher side (LH)
3. Back door finisher side (RH)
4. Back door finisher upper

Removal

1. Remove back door finisher lower.
2. Remove back door finisher upper.
3. Remove back door finisher side (RH/LH).

Installation

Install in the reverse order of removal.

