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# **PRECAUTIONS**

PRECAUTIONS PFP:00001

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

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The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the SRS 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 harnesses or harness connectors.

Precautions

- When removing or disassembling any part, be careful not to damage or deform it. Protect parts, which
  may get in the way with cloth.
- When removing parts with a screwdriver or other tool, protect parts by wrapping them with vinyl or tape.
- Keep removed parts protected with cloth.
- If a clip is deformed or damaged, replace it.
- If an unreusable part is removed, replace it with a new one.
- Tighten bolts and nuts firmly to the specified torque.
- After re-assembly has been completed, make sure each part functions correctly.
- Remove stains in the following way.

Water-soluble stains:

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

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

Do not use any organic solvent, such as thinner or benzine.

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# **PREPARATION**

# PREPARATION PFP:00002

# **Special Service Tools**

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

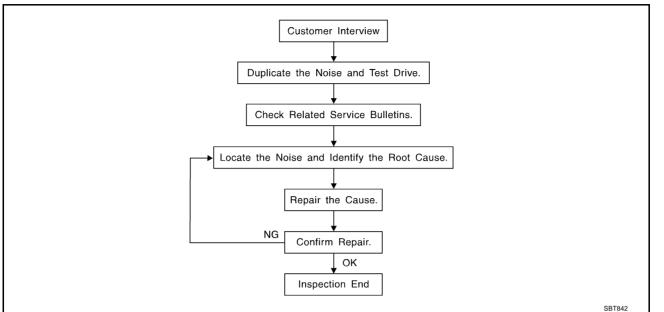
Tool number (Kent-Moore No.) Tool name		Description
(J-39570) Chassis ear	SIIAO993E	Location the noise
(J-43980) NISSAN Squeak and Rattle Kit	SIIA0994E	Repairing the cause of noise
Commercial Service To	ols	EIS000ZG
Tool name		Description

# Tool name Engine ear Description Location the noise

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### **CUSTOMER INTERVIEW**

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any 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 drought 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.

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Revision: 2004 April **EI-5** 2002 Q45

### **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 [1.5mm(0.059 in) thick]

Insulates connectors, harness, etc.

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

15×25mm(0.59×0.98 in)

**INSULATOR (Foam blocks)** 

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

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

50×50mm(1.97×1.97 in)

**INSULATOR (Light foam block)** 

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

**FELT CLOTHTAPE** 

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

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

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

### **INSTRUMENT PANEL**

Most incidents are caused by contact and movement between:

- 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
- Wiring harnesses behind the combination meter
- 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:

- Shifter assembly cover to finisher
- A/C control unit and cluster lid C
- 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:

Revision: 2004 April

- 1. Finisher and inner panel making a slapping noise
- 2. Inside handle escutcheon to door finisher
- Wiring harnesses tapping
- 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.

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# **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
- Trunk lid striker out of adjustment
- 3. The trunk lid torsion bars knocking together
- 4. A loose license plate or bracket

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

### SUNROOF/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
- 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. 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:

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

# **Diagnostic Worksheet**

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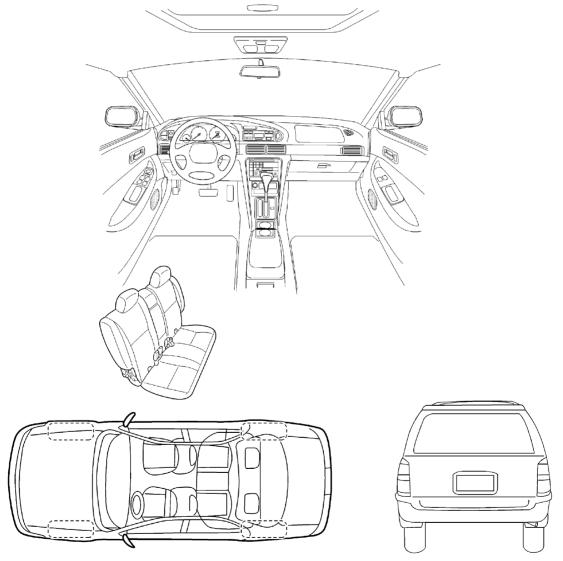
# **SQUEAK & RATTLE DIAGNOSTIC WORKSHEET**

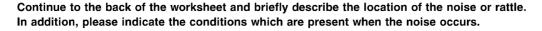
Dear Infiniti Customer:

We are concerned about your satisfaction with your Infiniti vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Infiniti right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked to take a test drive with a service advisor or technician to ensure we confirm the noise you are hearing.

# 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 véhicle.





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SQUEAK	& RATTLE DIAG	JII GUNIK	WURK	SHEE	ı- µaye ∠
Briefly describe the loca	tion where the n	oise occu	ırs:		
II. WHEN DOES IT O	CCUR? (check t	he boxes	that a	pply)	
□ anytime		after sitting	a out ir	n the su	n
☐ 1 <sup>st</sup> time in the morning		when it is	_		
only when it is cold outs	ide 🗀	dry or dus	ty cond	ditions	
☐ only when it is hot outside	de 🖵	other:			
III. WHEN DRIVING:		IV. W	HAT T	YPE OI	F NOISE?
☐ through driveways ☐ over rough roads ☐ over speed bumps ☐ only at about mph ☐ on acceleration ☐ coming to a stop ☐ on turns : left, right or eit ☐ with passengers or carg ☐ other: after driving miles	o	<u> </u>			
TO BE COMPLETED BY Test Drive Notes:	DEALERSHIP F	PERSONN	EL		
			YES	<u>NO</u>	Initials of person performing
Vehicle test driven with customer					
- Noise verified on test drive					
<ul><li>Noise source located and repaired</li><li>Follow up test drive performed to confire</li></ul>		ropoir			
- Follow up lest drive perio	omieu to confirm	repair	_		
VIN:	Custome	r Name: _			
W.O. #:	Date:				SI

This form must be attached to Work Order

Revision: 2004 April **EI-10** 2002 Q45

CLIP AND FASTENER PFP:76906

**Description** A

Clips and fasteners in EI section correspond to the following numbers and symbols.

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Replace any clips and/or fasteners which are damaged during removal or installation.

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 [ <b>(</b>		Removal: Push center pin to catching position. (Do not remove center pin by hitting it.) Push  Push  Installation:
C205		Removal: Flat-bladed screwdriver  Clip Finisher
C206		Removal:

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Symbol No.	Shapes	Removal & Installation
CE103		Removal:
CF110	Clip B	Removal:  Finisher Clip A  Flat-bladed screwdrivers  Clip B
CF118	Clip B (Grommet)	Removal:  Flat-bladed screwdrivers  Body panel Clip B (Grommet)
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.

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Symbol No.	Shapes	Removal & Installation
CG101		Removal: Installation:  Rotate 45° to remove  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		

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# **FRONT BUMPER**

### FRONT BUMPER PFP:F2022 **Removal and Installation** EIS0013H

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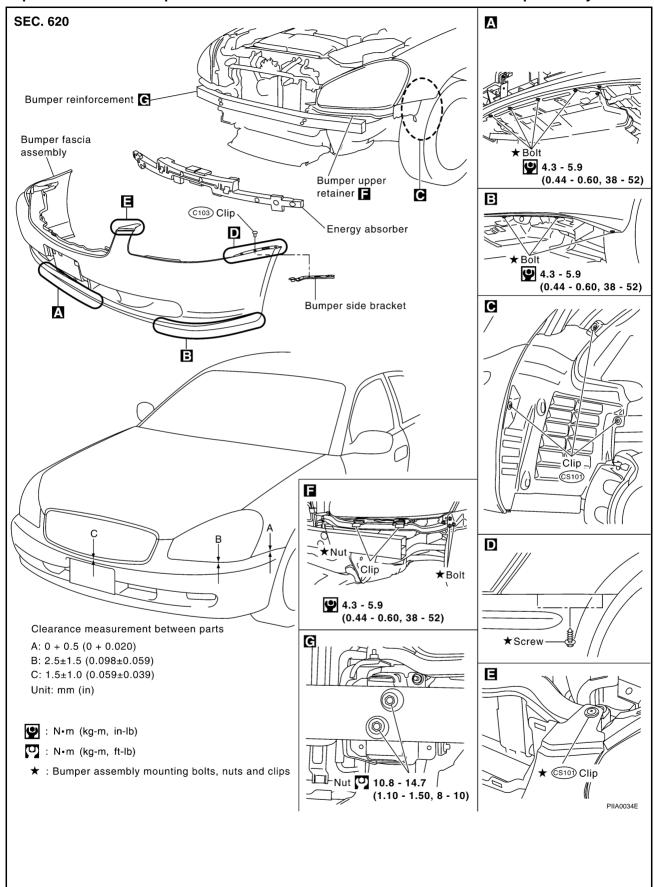
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# **FRONT BUMPER**

### **CAUTION:**

Bumper fascia is made of plastic. Do not use excessive force and be sure to keep oil away from it.



# FRONT BUMPER

### **REMOVAL**

- 1. Release front air cover clips, and remove front air cover.
- 2. Remove front grille. Refer to EI-20, "FRONT GRILLE".
- 3. Remove bolts at the edge of engine undercover. (Refer to A shown in the illustration)
- 4. Remove bolts and clips of both right/left front fender protectors (on front side). (Refer to B and C shown in the illustration)
- 5. Remove bumper fascia screws from both right/left front fenders. (Refer to D shown in the illustration)
- 6. Remove bumper fascia clips from upper bracket assembly. (Refer to E shown in the illustration)
- 7. Remove bumper fascia assembly.
- 8. Remove bumper reinforcement nuts. (Refer to G shown in the illustration)
- 9. Remove bumper upper retainer bolts and nuts. (Refer to F shown in the illustration)

### INSTALLATION

Install in the reverse order of removal.

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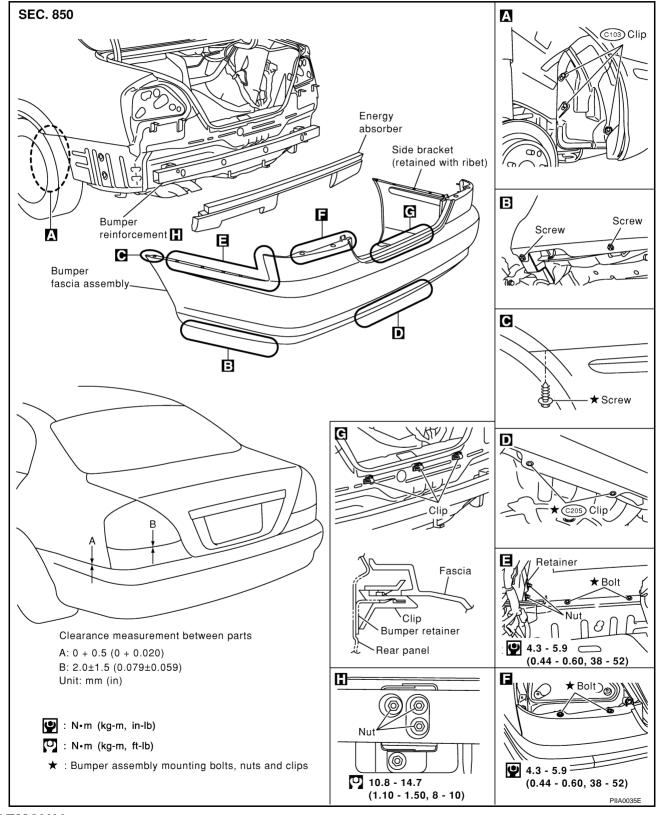
REAR BUMPER PFP:H5022

# **Removal and Installation**

EIS0013I

### CAUTION:

Bumper fascia is made of resin; do not apply pressure to or let oils contact its surface.



### **REMOVAL**

Remove trunk trim. Refer to <u>EI-51, "Removal and Installation"</u>.

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# **REAR BUMPER**

- 2. Remove rear combination lamp assembly. Refer to LT-78, "REAR COMBINATION LAMP" .
- 3. Remove bumper fascia screws from both right/left rear fender. (Refer to B and C shown in the illustration)
- 4. Remove both right/left fender protector clips and screws, and remove fender protector. (Refer to A and B shown in the illustration)
- 5. Remove bumper fascia clips. (Refer to D shown in the illustration)
- 6. Remove bumper fascia bolts and nuts. (Refer to E and F shown in the illustration)
- 7. Pull out center of bumper fascia, and remove bumper fascia from clips. (Refer to G shown in the illustration)
- 8. Remove bumper fascia assembly.
- 9. Remove bumper reinforce assembly nuts. (Refer to H shown in the illustration)

### **CAUTION:**

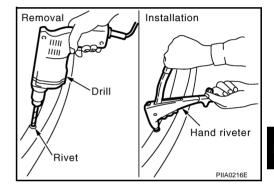
To remove rear bumper molding, remove rear bumper center molding first, then rear bumper side molding, respectively.

## **Removal of Bumper Side Brackets**

Shave head of rivet with drill (\$\phi 4.0\$ to 4.5mm).

### **Installation of Bumper Side Brackets**

Install bracket to fascia firmly with hand riveter.



### **INSTALLATION**

Install in the reverse order of removal.

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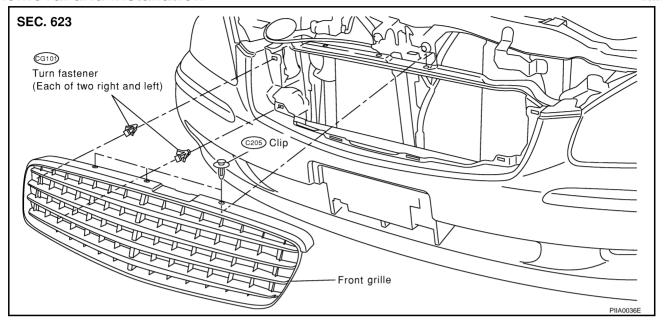
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FRONT GRILLE PFP:62310

# **Removal and Installation**

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### **REMOVAL**

- 1. Apply protection tapes around outer circumference of front grille (bumper fascia side).
- 2. Remove clips on upper side of grille.
- 3. Push down tips of four turn fasteners from rear side of grille. Pull out grille. Disconnect turn fasteners and remove grille.

### **INSTALLATION**

Install in the reverse order of removal.

COWL TOP PFP:66100

# **Removal and Installation**

EIS0013K

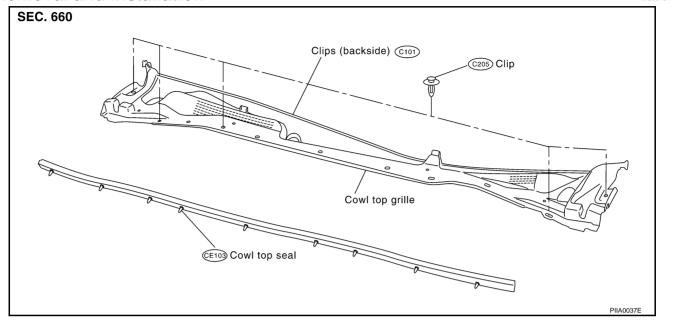
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### **REMOVAL**

- 1. Remove both right/left wiper arms from vehicle. Refer to <u>WW-18</u>, "Removal and Installation for Front Wiper Arms, Adjustment for Wiper Arms Stop Location".
- 2. Remove brake fluid check cover and ABS unit cover. Refer to EM-11, "Removal and Installation" .
- 3. Release clips of both cowl top seal rubber and cowl top cover, and remove cowl top cover.

### **INSTALLATION**

Install in the reverse order of removal.

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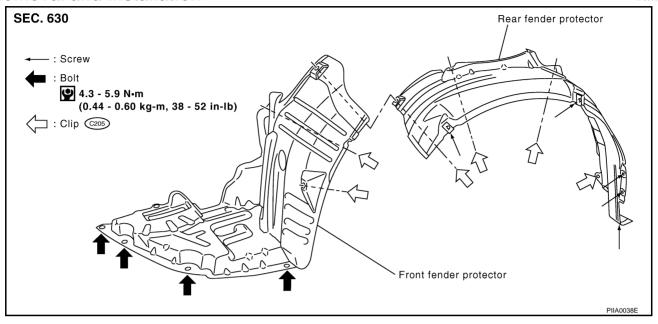
# **FENDER PROTECTOR**

# **FENDER PROTECTOR**

PFP:63840

# **Removal and Installation**

EIS000DA



MUDGUARD PFP:63854

# **Removal and Installation**

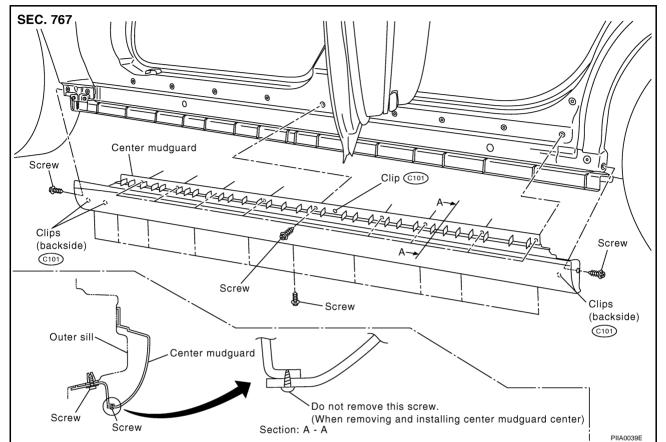
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### **REMOVAL**

- 1. Remove mudguard finisher. Refer to EI-38, "Removal and Installation" .
- 2. Remove screws on front and lower side of center mudguard.
- 3. Release clips on front and rear end of center mudguard.
- 4. Remove center mudguard.

### **INSTALLATION**

Install in the reverse order of removal.

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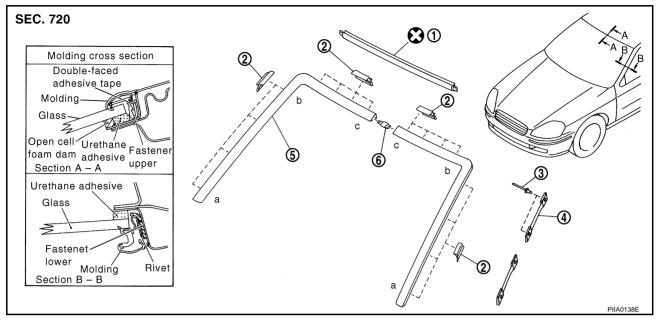
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### WINDSHIELD MOLDING

### PFP:72700

# **Removal and Installation**

EIS0013M



- 1. Fastener (upper)
- 1. Fastener (lower)

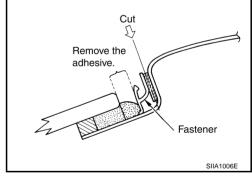
- 2. Clip
- 5. Windshield molding
- 3. Rivet
- 6. Joint

### **REMOVAL**

- 1. Apply protective tape around outer circumference of windshield molding.
- 2. Disconnect clips in order of 4, 3, 2 and 1. Pull upper part to outer side of vehicle.

### **INSTALLATION**

- 1. Cut double-faced adhesive tape of fastener with cutter knife. Remove fastener (upper).
- Remove any excess glue on windshield or flange with cutter knife.

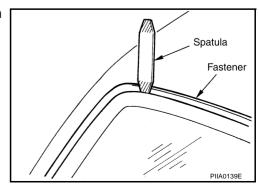


3. Remove remains of double-faced adhesive tape on flange with remover.

### **CAUTION:**

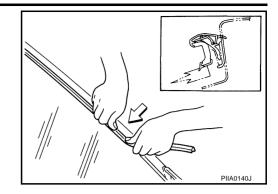
Do not handle remover around fire or flame, or in closed areas.

4. Fix double-faced adhesive tape on new fastener on flange from center of vehicle to outer side with spatula.



# **WINDSHIELD MOLDING**

- 5. Connect clips in order of 1, 2, 3 and 4.
- 6. Connect joint 9, then clips in order of 5, 6, 7 and 8.



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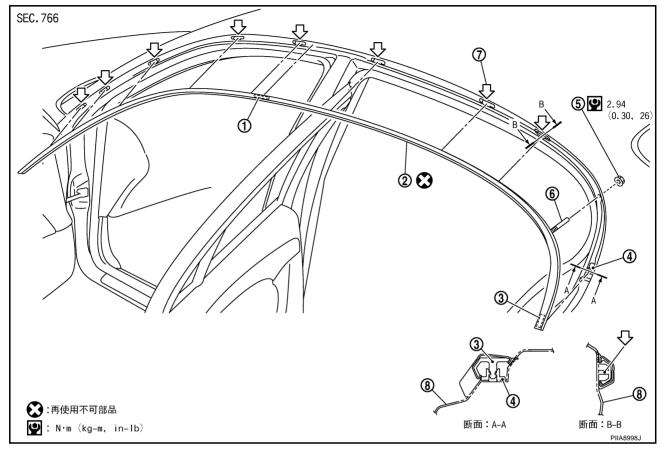
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DRIP MOLDING
PFP:76810

### Removal and Installation

EIS009C0



- 1. Stopper
- 4. Grommet (body side)
- 7. Clip B-B (body side)
- 2. Drip molding
- 5. Nu
- 8. Body side panel outer
- 3. Clip A-A (molding side)
- 6. Clip (with stud bolt)

### **REMOVAL**

- 1. Remove rear seat cushion. Ref to SE-118, "REAR SEAT" .
- 2. Remove rear wheelhouse garnish and remove rear pillar finisher. Ref to EI-38, "BODY SIDE TRIM" .
- 3. Remove nut of drip molding from inside body.
- 4. Disconnect clip A-A of drip molding from body side grommet.
- Disconnect drip molding from body side clips B-B.
- 6. Pull out clip (with stud bolt) and remove drip molding.

### **INSTALLATION**

Install in the reverse order of removal.

### **CAUTION:**

- Insert clip (with stud bolt). Hold stopper part to avoid coming over clip B-B, and connect clip A-A.
- Connect clip B-B in order from rear side.

# **ROOF SIDE MOLDING**

# **ROOF SIDE MOLDING**

PFP:73854

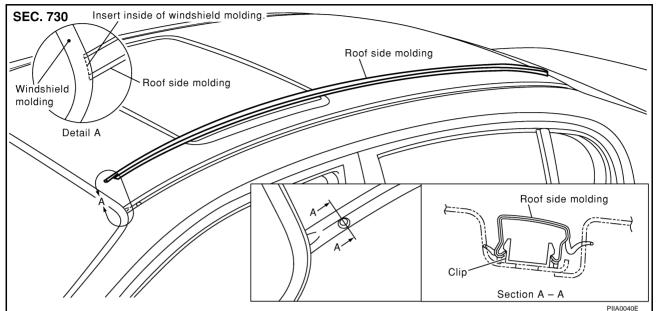
Removal and installation

EIS000DF

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# **REMOVAL**

Lift and twist roof side molding up from rear edge. Disconnect clips, and remove roof side molding.

### **INSTALLATION**

Install in the reverse order of removal.

### **CAUTION:**

To install roof side molding, always insert its front edge part inside of windshield molding.

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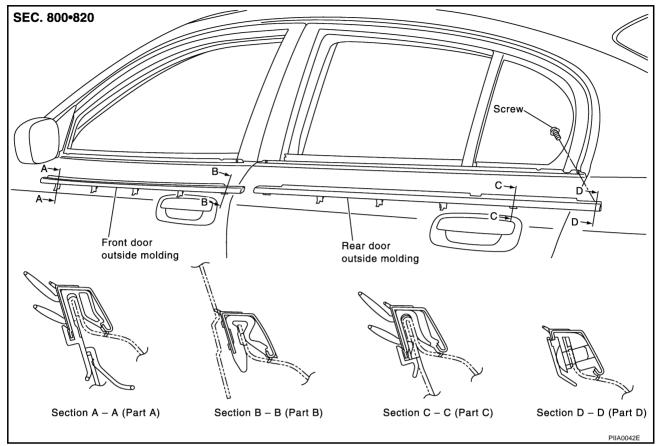
# DOOR OUTSIDE MOLDING

# DOOR OUTSIDE MOLDING

PFP:82820

### Removal and Installation

EIS000DG



### FRONT DOOR OUTSIDE MOLDING

### Removal

- 1. Open windows fully.
- 2. Lift up rear edge, push down center tip of clip B, and disconnect molding.
- 3. Lift and twist from rear side, disconnect clips from flange, and pull out molding to backward.

### Installation

To install, follow the above removal procedures in reverse order.

### **REAR DOOR OUTSIDE MOLDING**

### Removal

- 1. Open windows fully.
- 2. Remove screws on rear edge.
- 3. Lift and twist from rear side, and disconnect clips from flange.
- 4. Push down center tip of clip B, disconnect and remove molding.

# Installation

Install in the reverse order of removal.

# SIDE GUARD MOLDING

### SIDE GUARD MOLDING

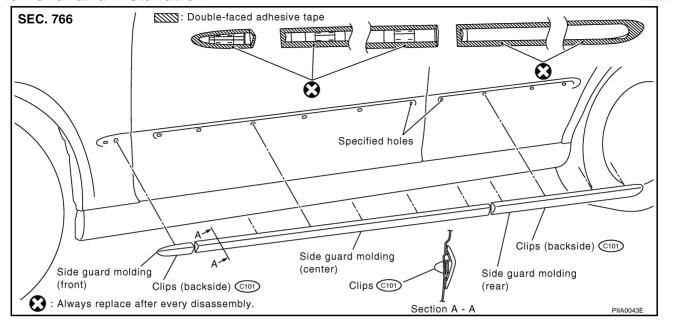
PFP:76840

Removal and Installation

EIS000DH

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### **REMOVAL**

- Apply masking tape around outer circumference of side guard molding.
- Remove double-sided adhesive tapes with (wide) resin spatula. Disconnect clips and remove side guard molding.

### **INSTALLATION**

- 1. Remove double-sided adhesive tape remaining on vehicle.
- 2. Clean contact surface of vehicle (to side guard molding), and install side guard molding to vehicle.
- To re-use side guard molding, follow above steps 1 and 2 as well; clean surface after removing doublesided adhesive tape, apply new double-sided adhesive tape as shown in illustration, then install side guard molding to vehicle.

Double–faced adhesive tape thickness:6mm(0.24in) (upper side) thickness:8mm(0.31in) (lower side)

### **CAUTION:**

- Do not let air between contact surfaces when installing.
- To secure contact, do not wash vehicle within 24 hours after installation.

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Revision: 2004 April **El-29** 2002 Q45

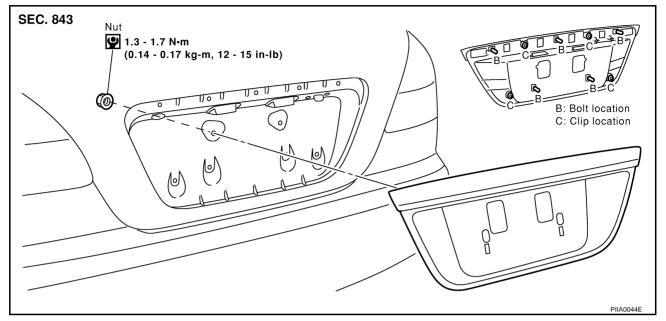
# LICENSE LAMP FINISHER

# **LICENSE LAMP FINISHER**

PFP:84810

# **Removal and Installation**

EIS0013P



### **REMOVAL**

- 1. Remove trunk lid finisher. Refer to EI-51, "Removal and Installation".
- 2. Remove nuts and clips on trunk lid of license lamp finisher.

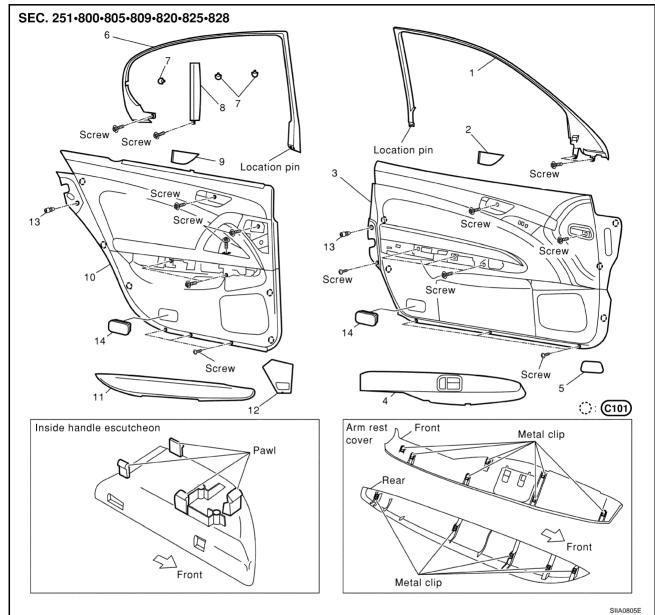
### **INSTALLATION**

Install in the reverse the order of removal.

DOOR FINISHER PFP:80900

# **Removal and Installation**

EIS000DJ



- 1. Front door sash cover
- 4. Front arm-rest finisher
- 7. Hook
- 10. Rear door finisher
- 13. Bumper rubber
- 2. Inside handle escutcheon (front)
- 5. Front door upper finisher
- 8. Rear side sun-shade
- 11. Rear arm-rest finisher
- 14. Step lamp

- 3. Front door finisher
- 6. Rear door sash cover
- 9. Inside handle escutcheon (rear)
- 12. Rear door lower finisher

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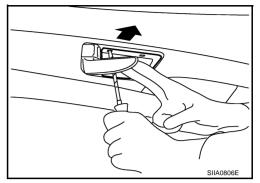
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Revision: 2004 April **EI-31** 2002 Q45

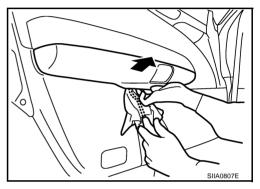
### FRONT DOOR FINISHER

### Removal

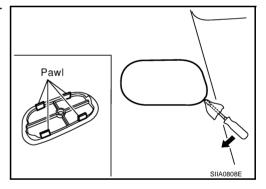
 Insert driver rolled with cloth or tapes into dip at rear of inside handle escutcheon, and pull it back to your side. Disconnect upper pawl, lower and front, and remove inside handle escutcheon.



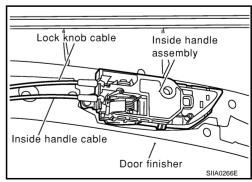
- 2. Insert clip driver rolled with cloth into dip under arm-rest finisher, and lift up finisher. Insert your fingers between gaps, pull it back to your side and disconnect metal clips.
- Disconnect trunk lid opener and fuel lid opener switch connector.



4. Insert driver rolled with cloth under front part of front door upper finisher, pull it back to your side and remove.

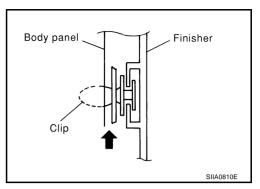


- 5. Disconnect power window switch connector under arm-rest.
- 6. Remove step lamp, and disconnect connectors.
- 7. Remove nine screws of door finisher.
- 8. Insert driver rolled with cloth into clips under door finisher, and disconnect clips.
- 9. Pull up door finisher, and remove connectors, inside handle cable and lock knob cable.



### NOTE:

Insert driver rolled with cloth between panel on vehicle and clips (as indicated with arrow), and remove finisher.



### Installation

To install, reverse the removal procedure sequence.

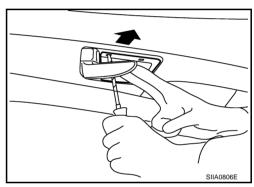
### **CAUTION:**

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

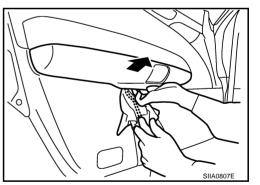
### **REAR DOOR FINISHER**

### Removal

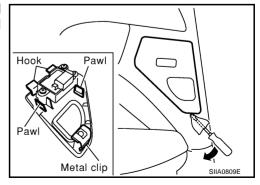
 Insert driver rolled with cloth or tape into dip at rear of inside handle escutcheon, and pull it back to your side.Disconnect upper tips, lower and front, and remove inside handle escutcheon.



2. Insert driver rolled with cloth into dip under arm-rest finisher, and lift up finisher. Insert your fingers between gaps, pull it back to your side, and disconnect metal clips.



3. Insert driver rolled with cloth under rear door lower finisher, and pull it back to your side. Remove rear door lower finisher and disconnect connectors.



- 4. Disconnect power window switch connector under arm-rest.
- 5. Remove step lamp, and disconnect connectors.
- 6. Remove seven screws of door finisher.

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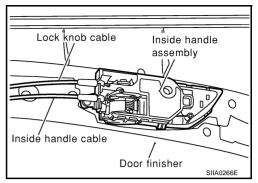
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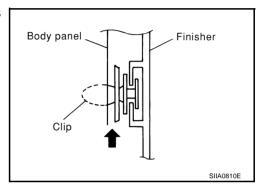
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- 7. Insert driver rolled with was cloth into clips of door finisher, and disconnect clips.
- 8. Pull up door finisher, and remove connectors, inside handle cable and lock knob cable.



### NOTE:

Insert driver rolled with cloth between panel on vehicle and clips (as indicated with arrow), and remove finisher.



### Installation

Install in the reverse order of removal.

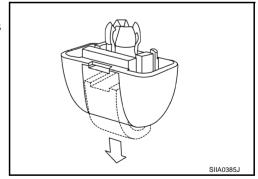
### CAUTION:

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

### **DOOR SASH COVER**

### Removal

- 1. Remove hooks (rear).
- 2. Remove screws, and remove door sash slowly in order from its front part to rear part.

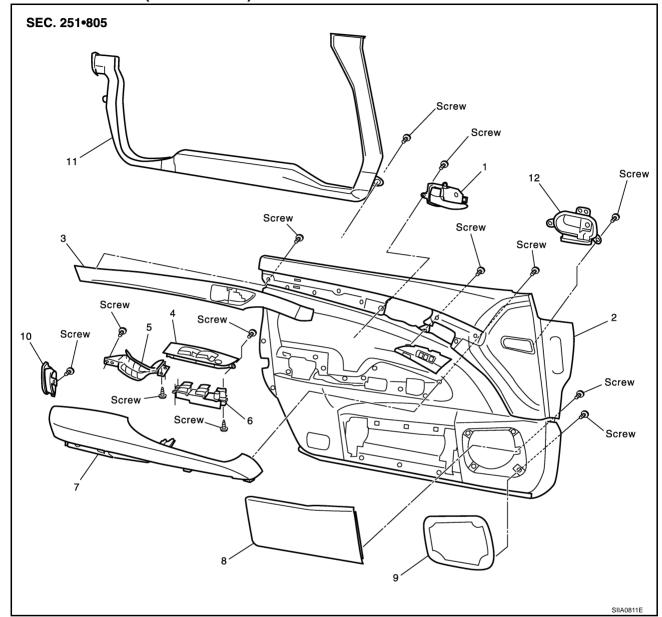


### Installation

Install in the reverse order of removal.

# Disassembly and Assembly FRONT DOOR TRIM (DRIVER SIDE)

EIS000DK



- 1. Inside handle assembly
- 4. Front power window switch finisher
- 7. Front door upper arm-rest
- 10. Ventilator B

- 2. Front door finisher
- Pull handle
- Front door pocket
- 11. Duct

- Front door waist finisher 3.
- Front power window switch unit 6.
- 9. Front door speaker grille
- 12. Ventilator A

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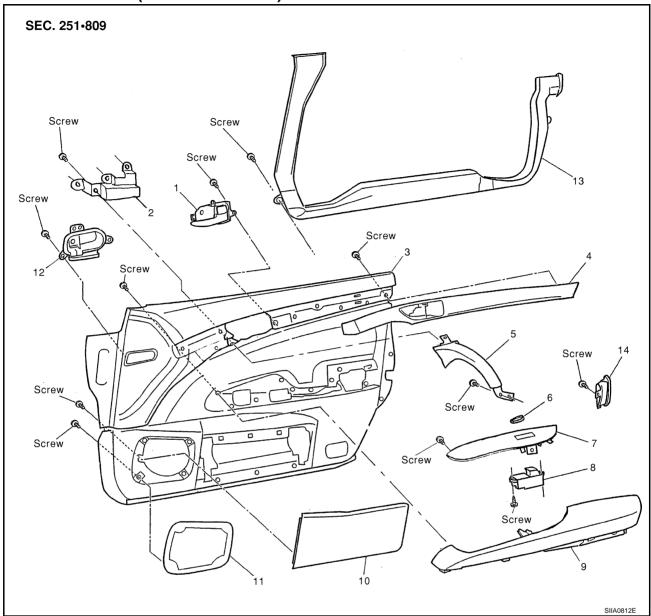
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# **FRONT DOOR TRIM (PASSENGER SIDE)**



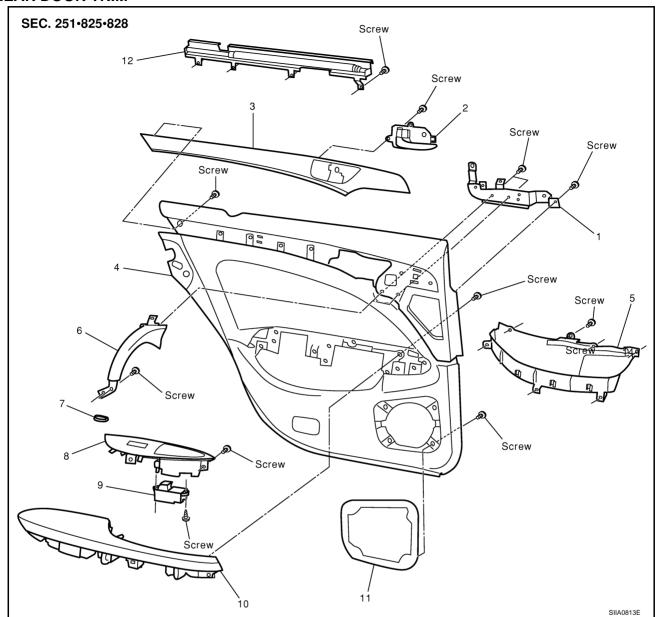
- 1. Inside handle assembly
- 4. Front door waist finisher
- 7. Front power window switch finisher
- 10. Front door pocket
- 13. Duct

- 2. Front grip bracket
- 5. Front door grip
- 8. Front power window switch unit
- 11. Front door speaker grille
- 14. Ventilator B

- 3. Front door finisher
- 6. Grip escutcheon
- 9. Front door upper arm-rest
- 12. Ventilator A

# **DOOR FINISHER**

# **REAR DOOR TRIM**



- 1. Rear grip bracket
- 4. Rear door finisher
- 7. Grip escutcheon
- 10. Rear door upper arm-rest
- 2. Inside handle assembly
- 5. Rear door pocket
- 8. Rear power window switch finisher
- 11. Rear door speaker grille
- 3. Rear door waist finisher
- 6. Rear door grip
- 9. Rear power window switch unit
- 12. Rear door sun-shade

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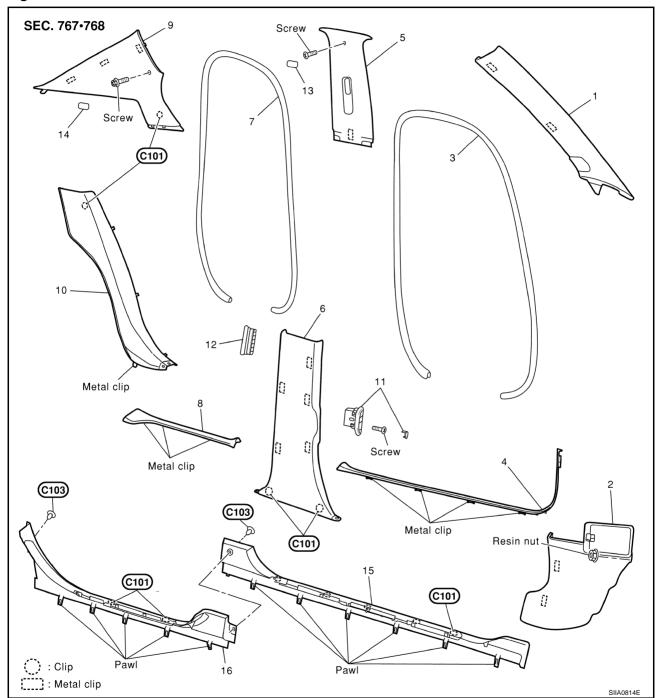
# BODY SIDE TRIM PFP:76913

# **Removal and Installation**

#### EIS000DL

#### **CAUTION:**

- Wrap the tip of flat-bladed screwdriver with a cloth when removing metal clips from garnishes.
- When removing or installing body side welts, do not allow butyl seal to come in contact with pillar garnish.



- 1. Front pillar garnish
- 4. Front kicking plate
- 7. Rear body side welt
- 10. Rear wheel house garnish
- 13. Center pillar upper cap
- 16. Mudguard finisher (rear)
- 2. Dash side finisher
- 5. Center pillar garnish
- 8. Rear kicking plate
- 11. Rear cooler inlet grille
- 14. Rear pillar upper cap

- 3. Front body side welt
- 6. Center pillar lower garnish
- 9. Rear pillar finisher
- 12. Rear cooler outlet grille
- 15. Mudguard finisher (front)

# **BODY SIDE TRIM**

### **CENTER PILLAR LOWER GARNISH**

### Removal

- 1. Remove front and rear kicking plate.
- 2. Remove rear cooler inlet grille

#### Installation

Install in the reverse order of removal.

### **CENTER PILLAR UPPER GARNISH**

### Removal

- 1. Remove seat belt shoulder anchor. Refer to SB-3, "Removal and Installation of Front Seat Belt".
- 2. Remove front and rear kicking plate.
- 3. Remove center pillar lower garnish.

#### Installation

Install in the reverse order of removal.

### **REAR PILLAR FINISHER**

### Removal

- 1. Remove rear seat. Refer to SE-118, "Removal and Installation".
- 2. Remove rear kicking plate.
- Remove rear wheel house garnish.

#### Installation

Install in the reverse order of removal.

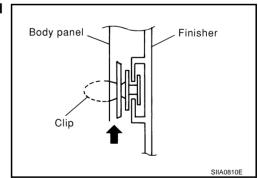
### **DASH SIDE FINISHER**

### Removal

- 1. Remove front kicking plate.
- 2. Remove front body side welt.

### **CAUTION:**

Insert driver rolled with cloth between panel on vehicle and clips (as indicated with arrow), and disconnect clips.



### Installation

Install in the reverse order of removal.

#### CAUTION:

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

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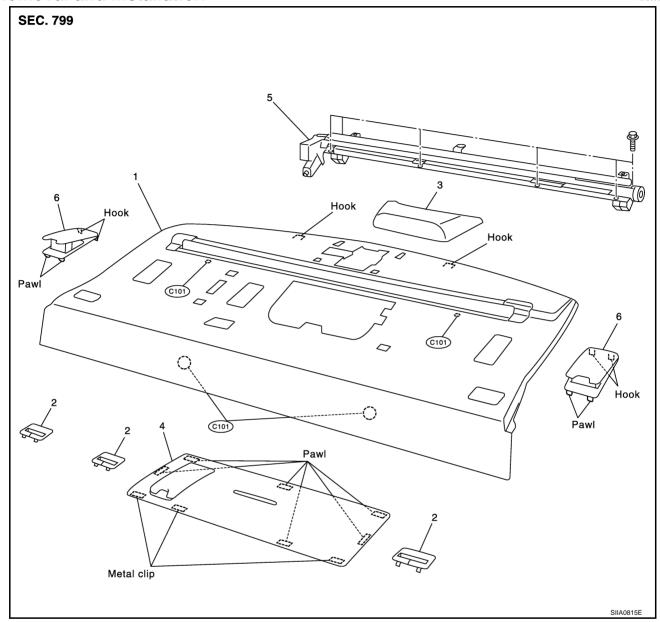
# **REAR PARCEL SHELF FINISHER**

# **REAR PARCEL SHELF FINISHER**

PFP:79910

# **Removal and Installation**

EIS000DM



- 1. Rear parcel shelf finisher
- 4. Woofer grille

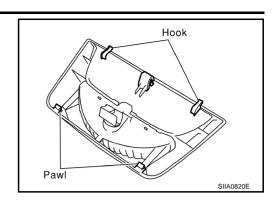
- 2. Seat belt escutcheon
- 5. Rear sun-shade
- 3. High- mounted stop lamp
- 6. Top tether strap child restraint cover

# **REMOVAL**

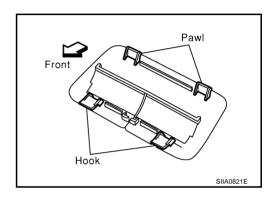
- 1. Remove rear seat. Refer to SE-118, "Removal and Installation".
- 2. Remove rear seat belt floor anchor bolts. Refer to SE-118, "Removal and Installation".
- 3. Remove rear pillar finisher. Refer to EI-38, "Removal and Installation" .

# **REAR PARCEL SHELF FINISHER**

4. Remove high-mounted stop lamp, and disconnect connectors.



- Remove woofer grille.
- 6. Remove seat belt escutcheon.



- Remove clips, and remove rear parcel shelf finisher.
- 8. Disconnect rear sun-shade connectors, remove screws, and remove rear sun-shade.

#### **INSTALLATION**

Install in the reverse order of removal.

#### **CAUTION:**

- Confirm hooks of rear parcel shelf finisher are completely inserted into holes on vehicle side.
- Confirm clips are matched over holes on vehicle side, then push on.

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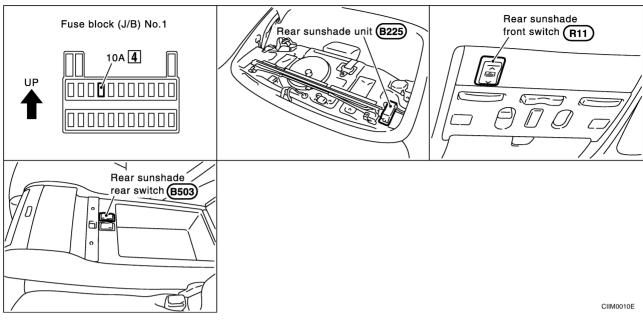
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# **SUNSHADE**

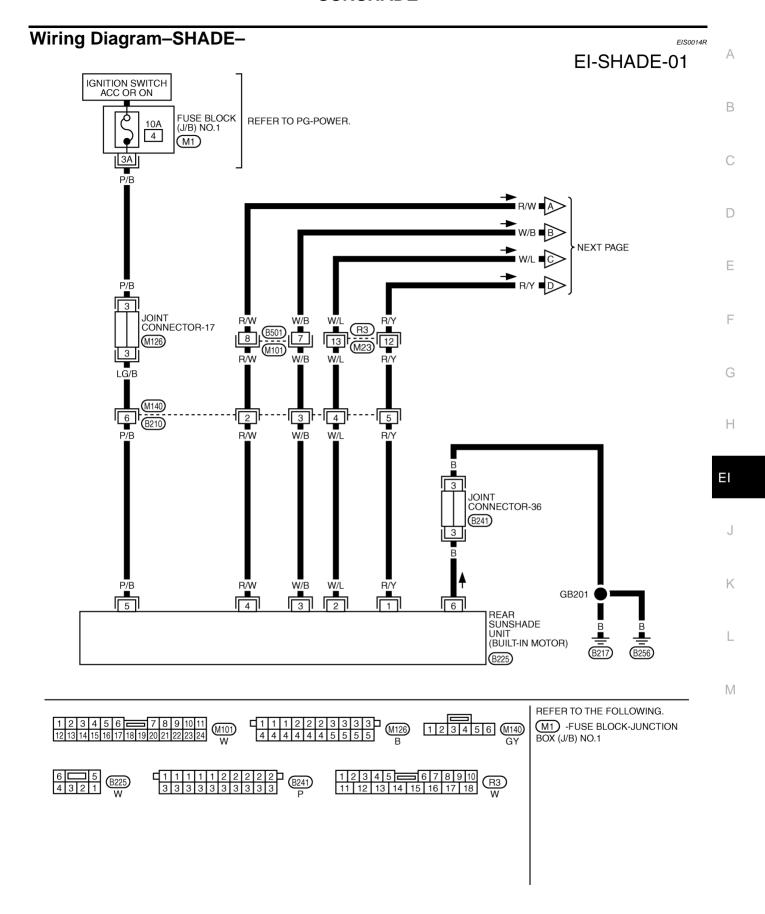
SUNSHADE PFP:97580

# **Component Parts and Harness Connector Location**

EIS0014Q



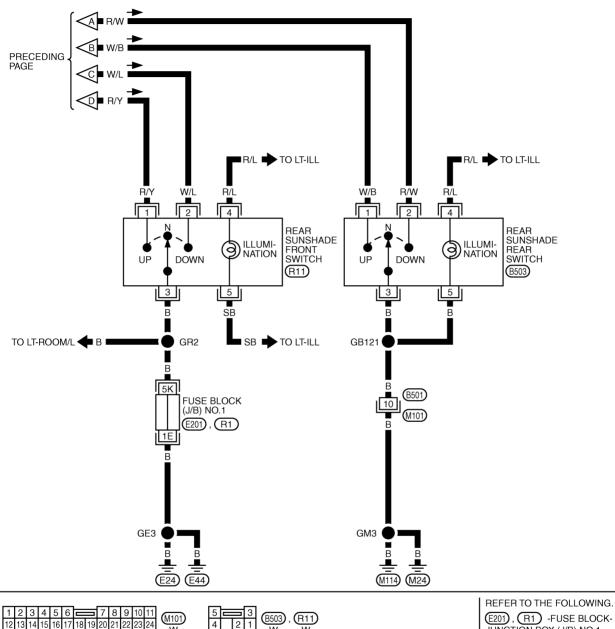
# **SUNSHADE**



TIWM0058E

Revision: 2004 April **EI-43** 2002 Q45

# EI-SHADE-02



(E201), (R1) -FUSE BLOCK-JUNCTION BOX (J/B) NO.1

TIWM0059E

# **SUNSHADE**

Terminals and Reference Value for Rear Sunshade Control Unit				
TERMI- NAL	WIRE COLOR	ITEM	CONDITION	DATA (DC)
1	R/Y	FRONT SWITCH UP SIGNAL	When front switch operates	5V→0V
2	W/L	FRONT SWITCH DOWN SIGNAL	When front switch operates	5V→0V
3	W/B	REAR SUNSHADE REAR SWITCH UP SIGNAL	When rear switch operates	5V→0V
4	R/W	REAR SUNSHADE REAR SWITCH DOWN SIGNAL	When rear switch operates	5V→0V
5	P/B	ACC power supply	_	12V
6	В	GROUND	_	0V

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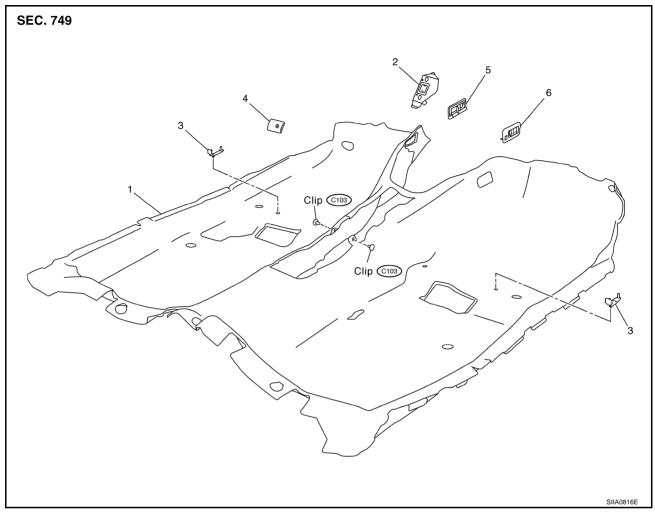
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FLOOR TRIM
PFP:74902

# Removal and installation

EIS00072



1. Floor carpet

- 2. Foot-rest
- 5. Heater nozzle (right)
- 3. Carpet hook
- 6. Heater nozzle (left)

### **REMOVAL**

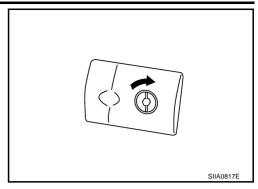
- 1. Remove front seat and rear seat cushions. Refer to <u>SE-111, "Removal and Installation"</u> and <u>SE-118, "Removal and Installation"</u>.
- 2. Remove center console and ashtray. Refer to <a href="IP-14">IP-14</a>, "CONSOLE BOX ASSEMBLY"</a> .
- 3. Remove front and rear kicking plate.
- 4. Remove front and rear body side welt.
- 5. Remove center pillar lower garnish.
- 6. Remove dash side finisher.

4. Accelerator pedal stopper

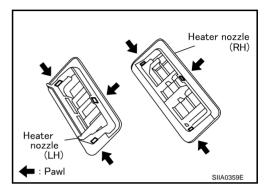
#### NOTE

For steps 3 to6, refer to EI-38, "Removal and Installation".

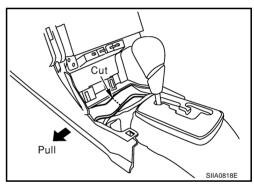
- Turn hexagon wrench in counter-clockwise, and remove accelerator pedal stopper from stud bolts on vehicle.
  - To install, match holes of foot-rest over stud bolts on vehicle.



Remove heater nozzle.



9. Cut front part of carpet, and pull to both side. Pull carpet to rear of vehicle, and remove.



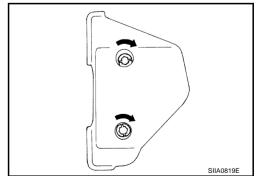
### **INSTALLATION**

Install in the reverse order of removal.

### **FOOT-REST**

### Removal

- 1. Turn up floor carpet on driver's seat.
- Turn hexagon wrench to counter-clock wise, and remove footrest from stud bolts on vehicle.



### Installation

To install, match holes of foot-rest over stud bolts on vehicle.

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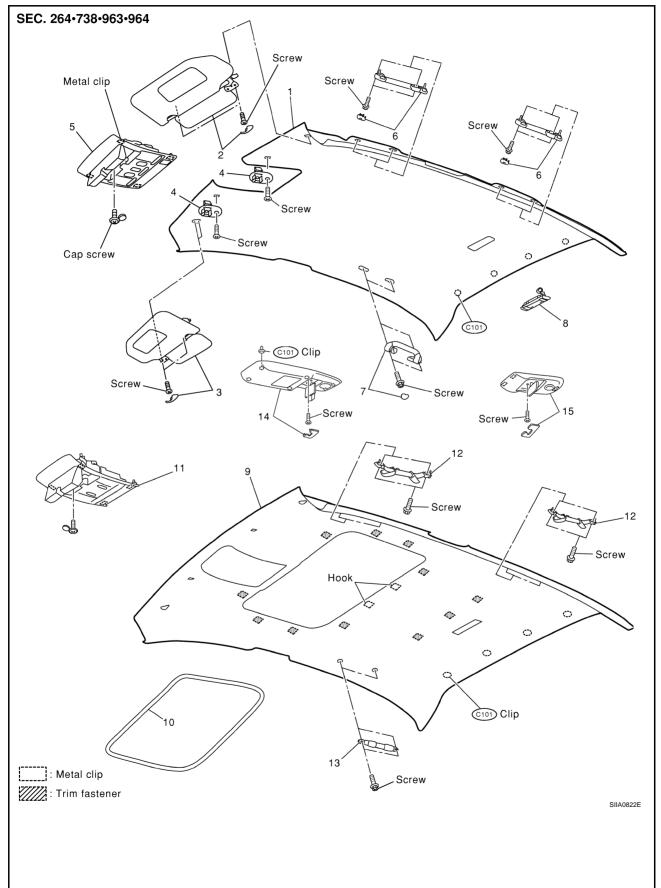
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HEADLINING PFP:73910

# **Removal and Installation**

EIS000DO



### **HEADLINING**

- 1. Headlining (standard)
- 4. Holder retainer
- 7. Assist grip (standard/right rear seat)
- 10. Sunroof welt
- 13. Assist grip (sunroof/right rear seat)
- 2. Sun-visor (left)
- 5. Map lamp
- 8. Personal lamp
- 11. Map lamp & Sunroof switch
- 3. Sun-visor (right)
- 6. Assist grip (standard)
- 9. Headlining (sunroof)
- 12. Assist grip (sunroof)

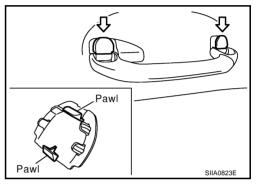
# Addition)

### **REMOVAL**

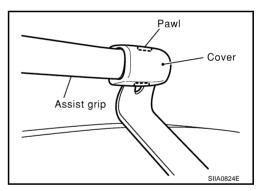
- 1. Remove rear seat. Refer to SE-118, "Removal and Installation".
- Remove body side welt. Refer to EI-38, "Removal and Installation".
- 3. Remove front pillar and center pillar garnish. Refer to EI-38, "Removal and Installation".
- 4. Remove assist grip.

#### NOTE:

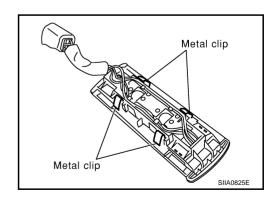
• To remove assist grip of standard roof, insert small driver rolled with waste into dip on mask, pull it back to your side, remove it and remove screws (one each for left and right).



 To remove assist grip cover of sunroof, disconnect pawls both on upper and lower parts insert driver rolled with waste, slide cover inward, and remove screws (one each for left and right).



- 5. Remove map lamp, disconnect connector.
- 6. Remove personal lamp, disconnect connector.



- 7. Remove sunvisor.
- 8. Remove sunroof welt. (Only Sunroof)
- 9. Disconnect clips at rear of head lining, and remove trim fastener.
- 10. Remove holder retainer.
- 11. Slide front seat to the front, and set its seat back down backward.

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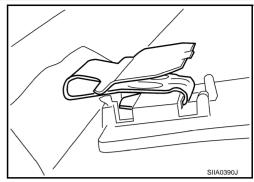
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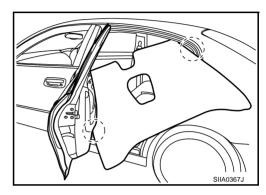
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# **HEADLINING**

12. Slide headlining frontward of vehicle, and disconnect hooks (if equipped with sunroof).



13. Disconnect headlining, turn and remove from left rear door.



### **CAUTION:**

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

# **INSTALLATION**

Install in the reverse order of removal.

# TRUNK ROOM TRIM & TRUNK LID FINISHER

#### PFP:84920

# **Removal and Installation**

EIS000DU

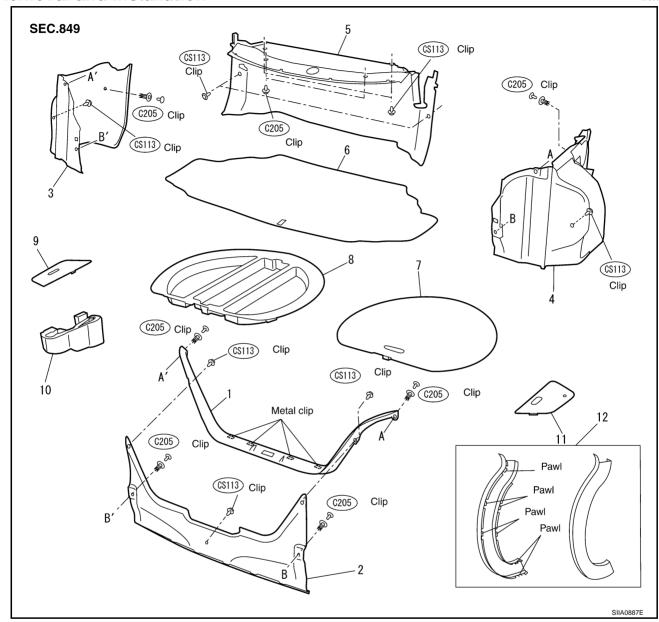
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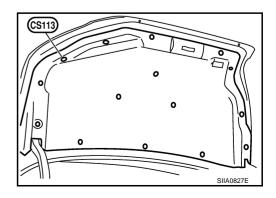
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- 1. Trunk rear plate
- 4. Trunk side finisher (right)
- 7. Front spare tire cover
- 10. Tool box

- Trunk rear finisher 2.
- 5. Trunk front finisher
- 8. Spare tire cover
- 11. Trunk floor board (right)
- Trunk side finisher (left) 3.
- 6. Trunk floor carpet
- 9. Trunk floor board (left)
- 12. Trunk hinge cover



M

**EI-51** Revision: 2004 April 2002 Q45

# TRUNK ROOM TRIM & TRUNK LID FINISHER