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Rocker panel moldings

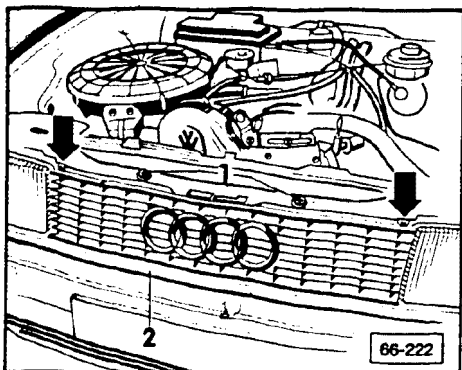
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Radiator grille, removing/installing

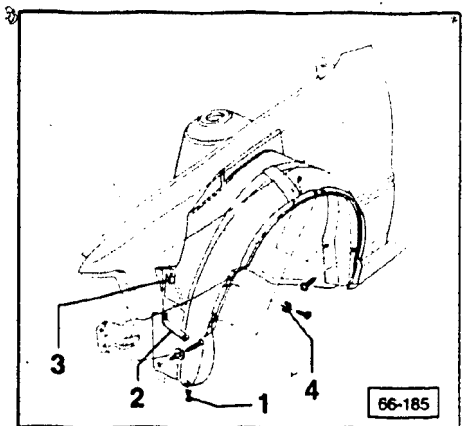
Removing

- remove Phillips screws 1
- push down retaining clips (arrows) with screwdriver
- pull radiator grille up and away from front panel 2

Installing

Install in reverse order of removal. Note the following:

- retaining tabs from radiator grille must fit behind front panel 2



Wheel house liner, removing/installing

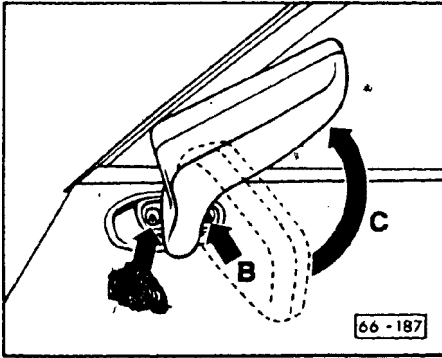
Removing

- unclip corners of bumper from guides at side (see Repair Group 63)
- pry out expanding nut 1
- remove bracket 2 on one side
- remove plastic nut 3
- remove Phillips screws, note clip 4 on fender flange
- pull fender away slightly at bottom
- pull wheel housing liner over studs
- press wheel housing liner inwards and off fender flange
- remove wheel house liner

Installing

- insert wheel housing lining towards A-pillar and press over fender flange
- reinstall all components in reverse order of removal

Outside mirror, removing/installing



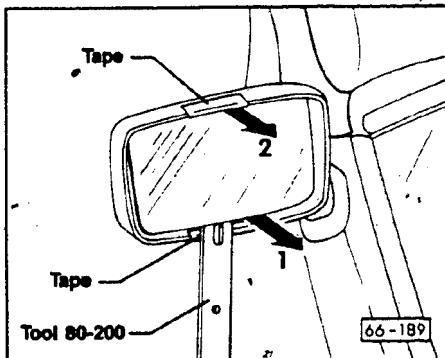
Removing

- turn mirror (arrow C) to expose Phillips screws
- holding mirror, remove both screws (arrows A, B)
- disconnect electrical plug

Installing

Install in reverse order of removal

Outside mirror glass, removing/installing



Removing

CAUTION

Wear protective gloves to prevent injury if glass breaks.

Hold glass to prevent falling out.

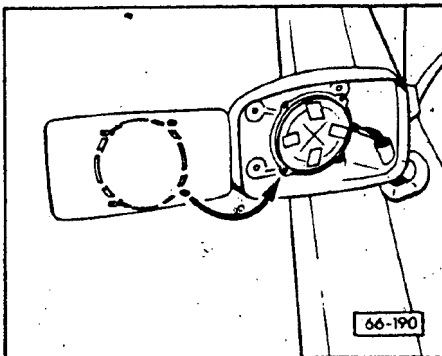
- tape upper/lower edge of mirror housing
- using tool 80-200, pry mirror glass off at bottom 1 and top 2
- hold mirror, unplug electrical connector

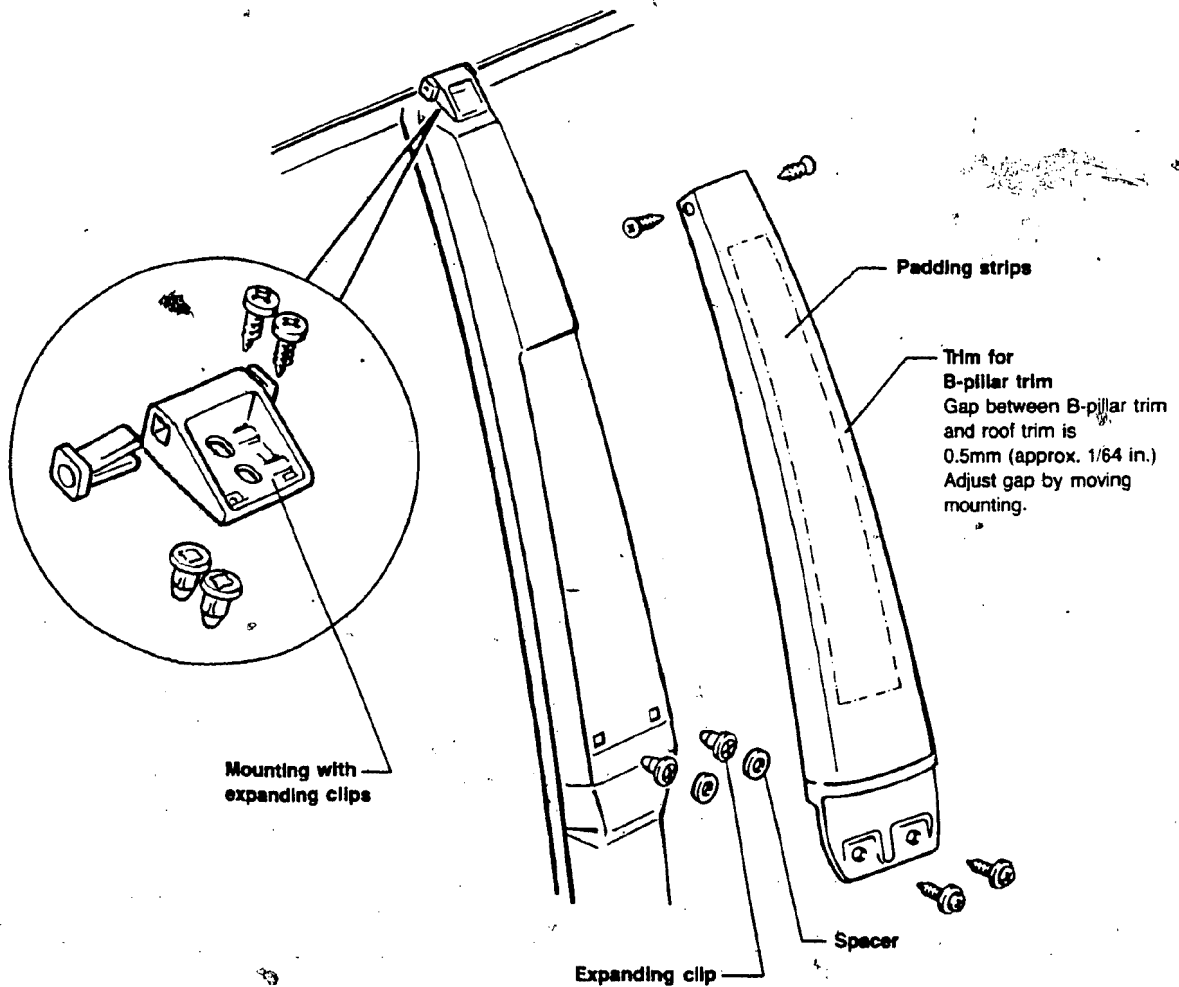
Installing

CAUTION

Apply pressure only at center of mirror glass.

- reconnect electric connector
- fit mirror onto guide pins (arrow)
- press into mirror housing
- check mirror for proper function

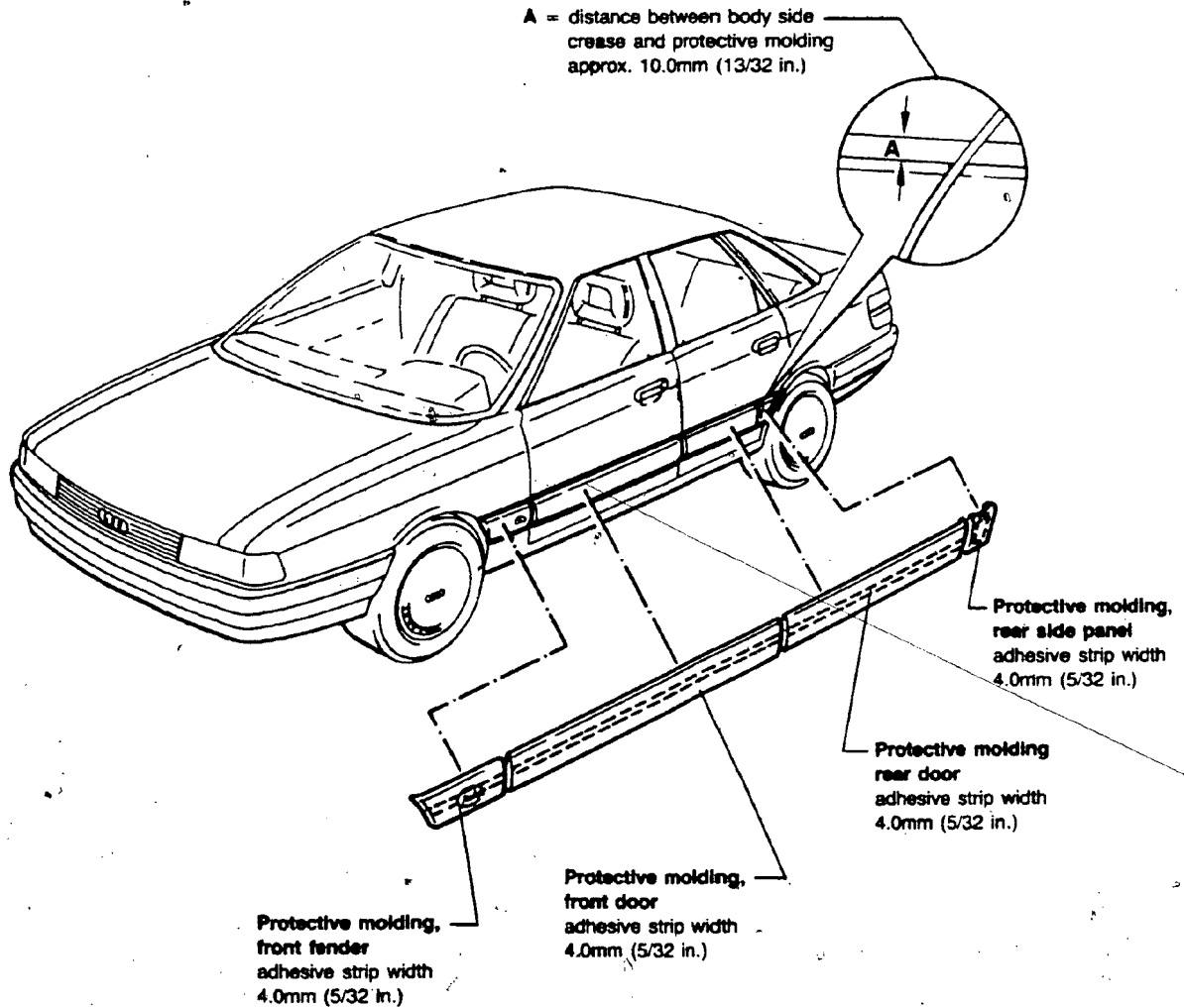




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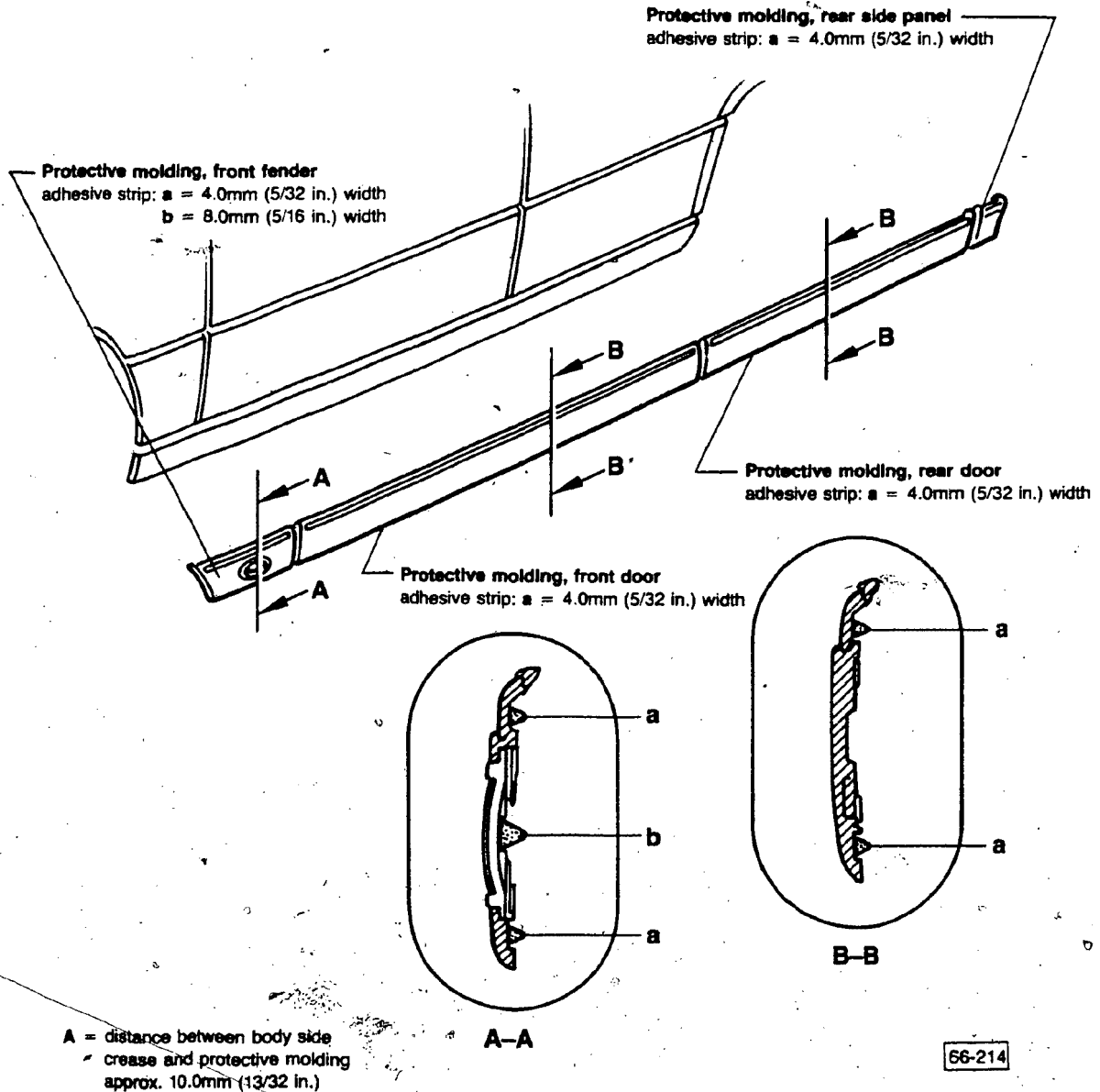
E-4

Body Accessories – Exterior



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E-5



WARNING

Follow all application and safety instructions on labels.

CAUTION

Part numbers are for reference only. Always check with your Parts Department for latest parts information.

Protective moldings, removing/installing

Removing

Protective moldings cannot be removed without being damaged.

- heat molding with hot air gun
- carefully pry off old molding

Installing

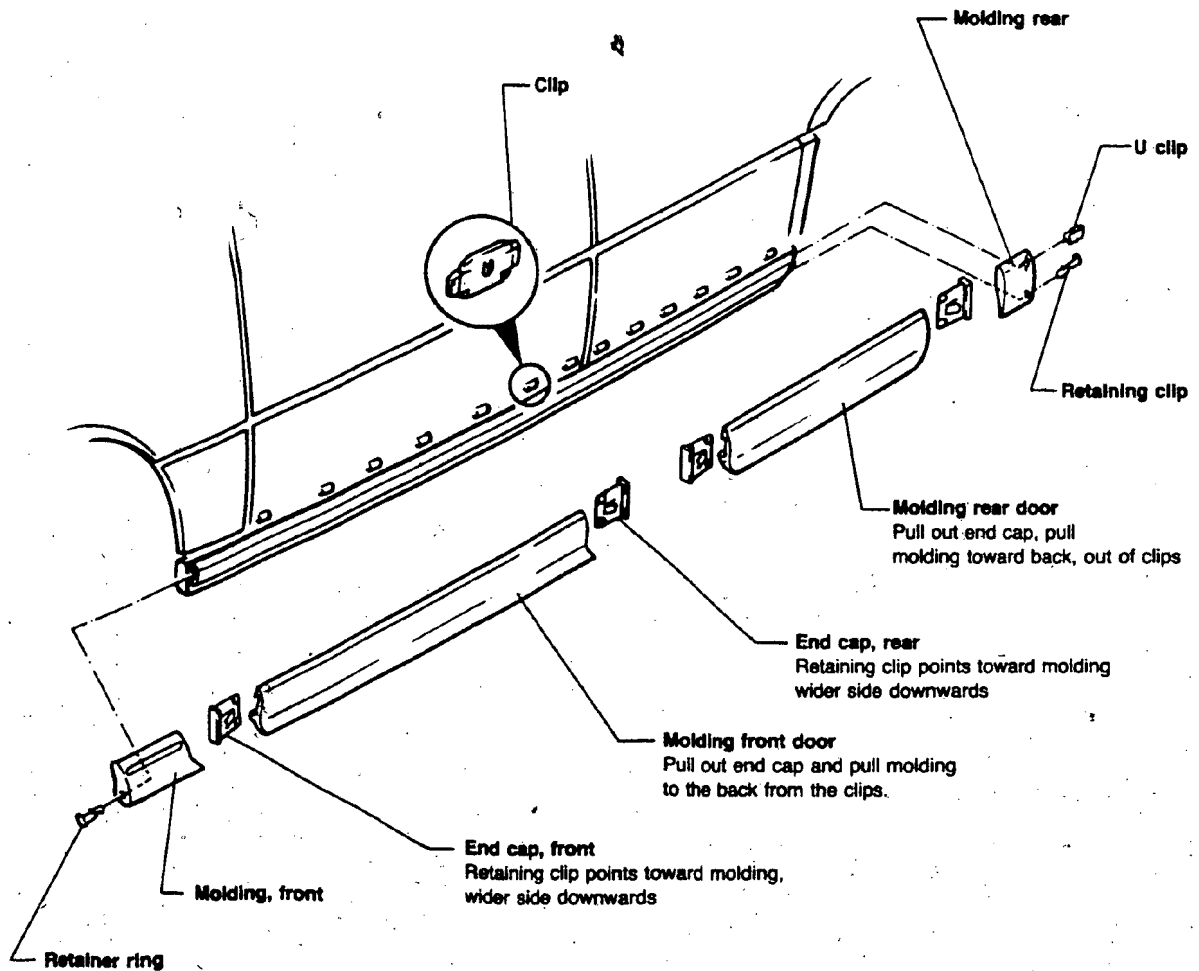
Installing molding on repainted sheet metal:

- clean adhesive areas on sheet metal with 3M® General Purpose Adhesive Cleaner or equivalent
- prime with primer from Adhesive kit **D 004 300 03** or equivalent, and allow primer to dry for 10 minutes

Installing moulding on plastic surface:

- clean adhesive areas with 3M® General Purpose Adhesive Cleaner or equivalent
- rub dry with lint free cloth
- prime area with primer from Adhesive kit **D 004 300 03** or equivalent, and allow to dry for 10 minutes
- cut back any remaining adhesive to depth of approximately 1.0mm (3/64 in.)
 - do not cut into paint or primer
- clean remaining adhesive with 3M® General Purpose Adhesive Cleaner or equivalent
- apply adhesive **D 009 100.03** or equivalent
- position molding
- press firmly to body
 - take special care at ends of moldings
- apply strips of fabric (cloth) tape to hold molding in position
- allow to dry 4 hours at 20°C (68°F)
- remove tape
- clean any residual adhesive from metal or plastic with dry cloth, followed by mineral spirits
 - allow residue on plastic to harden 2-3 hours before removing

Body Accessories – Exterior

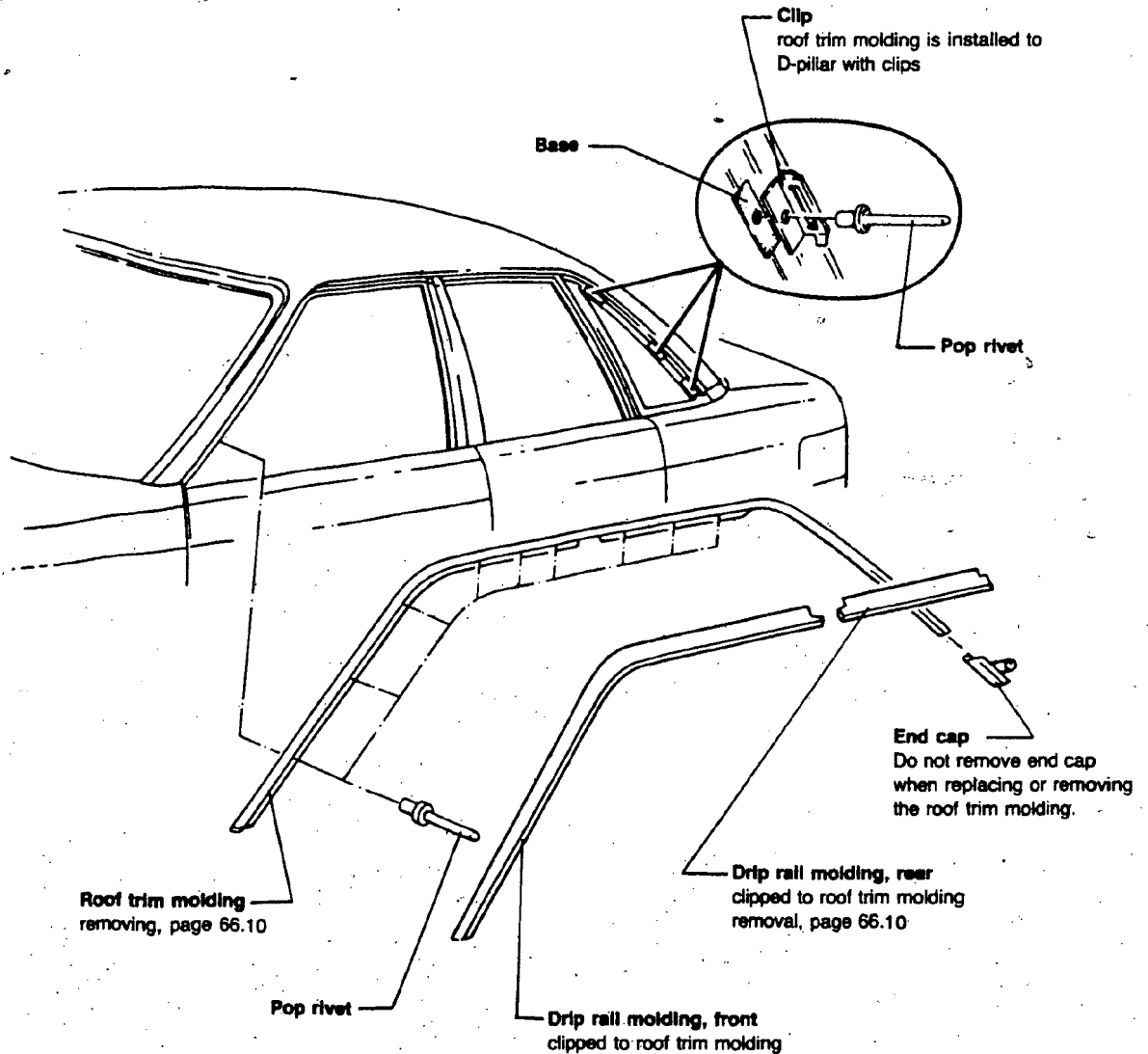


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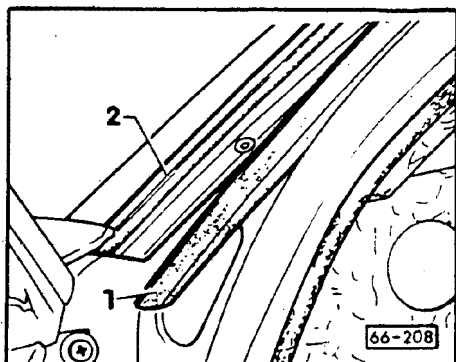
Body Accessories – Exterior



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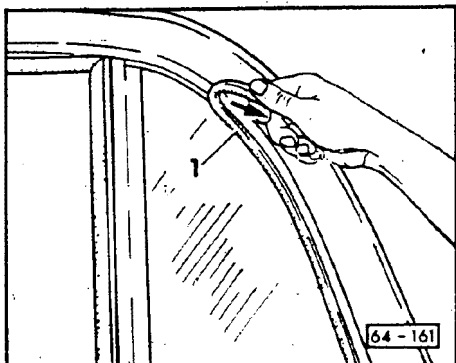
Roof trim molding, removing



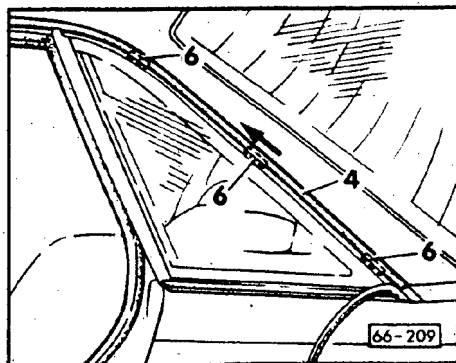
- remove trim for outer B-Pillar
- pry drip rail molding 1 front and rear out of roof trim molding 2 and pull out

Note

Do not remove end cap when replacing or removing the roof trim molding.



- begin to pull out gap covering 1 on C-pillar here
- bore out rivet heads with 8.0mm (5/16 in.) diameter drill and push remaining rivet through to the inside



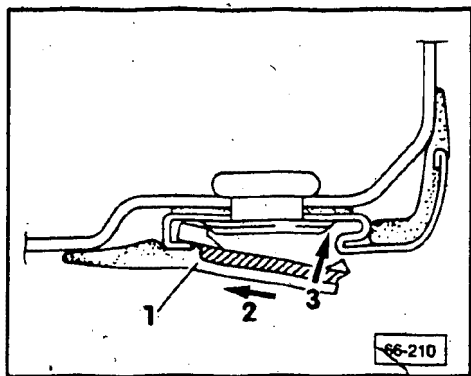
- pull roof trim molding 4 upwards along D-pillar approximately 30mm (1.1 in.), until the retaining straps of the roof trim molding are released from the clips 6

Note

Paint damage may occur by the rivets turning when being drilled out.

The appearance and area of paint damage will determine the type of paint refinishing application: brush, spray can or spray gun.

Roof trim molding, installing

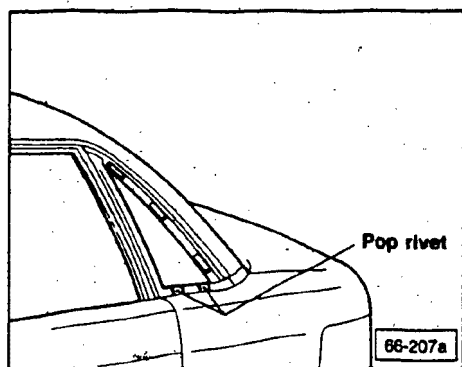


Note

To avoid paint damage, guide the roof trim molding along D-pillar during installation with aid of a helper.

- install roof trim molding through end cap
- push roof trim molding along D-pillar under the retaining clips, until the perforation pattern on the roof frame matches the perforation pattern on the roof trim molding
- install pop rivet
- install drip rail molding 1, first in direction of arrow 2, then press in roof trim strip in direction of arrow 3

Side window exterior molding, removing



- remove side window (see Repair Group 64)
- bore out rivet heads and push remaining rivet through to the inside

Note

Paint damage may occur by the rivets turning when being drilled out.

The appearance and area of paint damage will determine the type of paint refinishing application: brush, spray can or spray gun.

- heat molding with hot air gun
- carefully pull off molding from top
- clean adhesive areas on sheet metal with 3M® General Purpose Adhesive Cleaner or equivalent

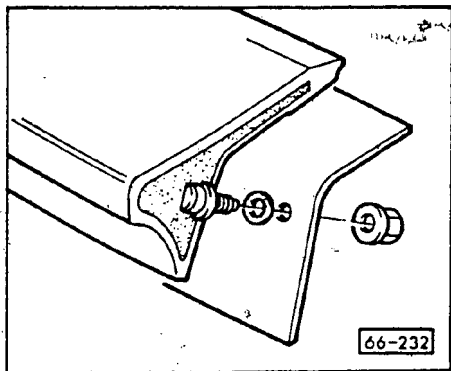
Side window molding, installing

- pull off paper from adhesive strip
- press molding to body sheet metal
- install pop rivet
- reinstall side window, trim and rear seat bench

CAUTION

Use care not to damage paint finish.

Prime damaged areas with anti-corrosion primer, and refinish as required.



Rear spoiler, removing/installing

Removing

- tape area immediately above spoiler
- open lid and remove nuts on back of spoiler
- gently pull spoiler away from lid at both sides
- insert knife between spoiler and lid
- separate spoiler from lid with knife
- remove any remaining adhesive from spoiler and lid with 3M® General Purpose Adhesive Cleaner or equivalent

Installing

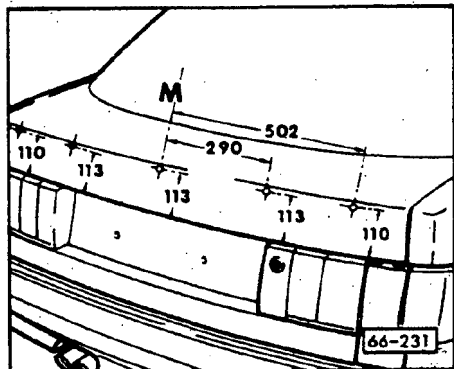
Install in reverse order, note the following:

- stick adhesive strip on spoiler
- remove paper backing from adhesive strip
- put spoiler on lid
- install and tighten spoiler nuts
 - side areas may be made to fit flush by warming spoiler corners with hot air blower, pressing tightly to lid

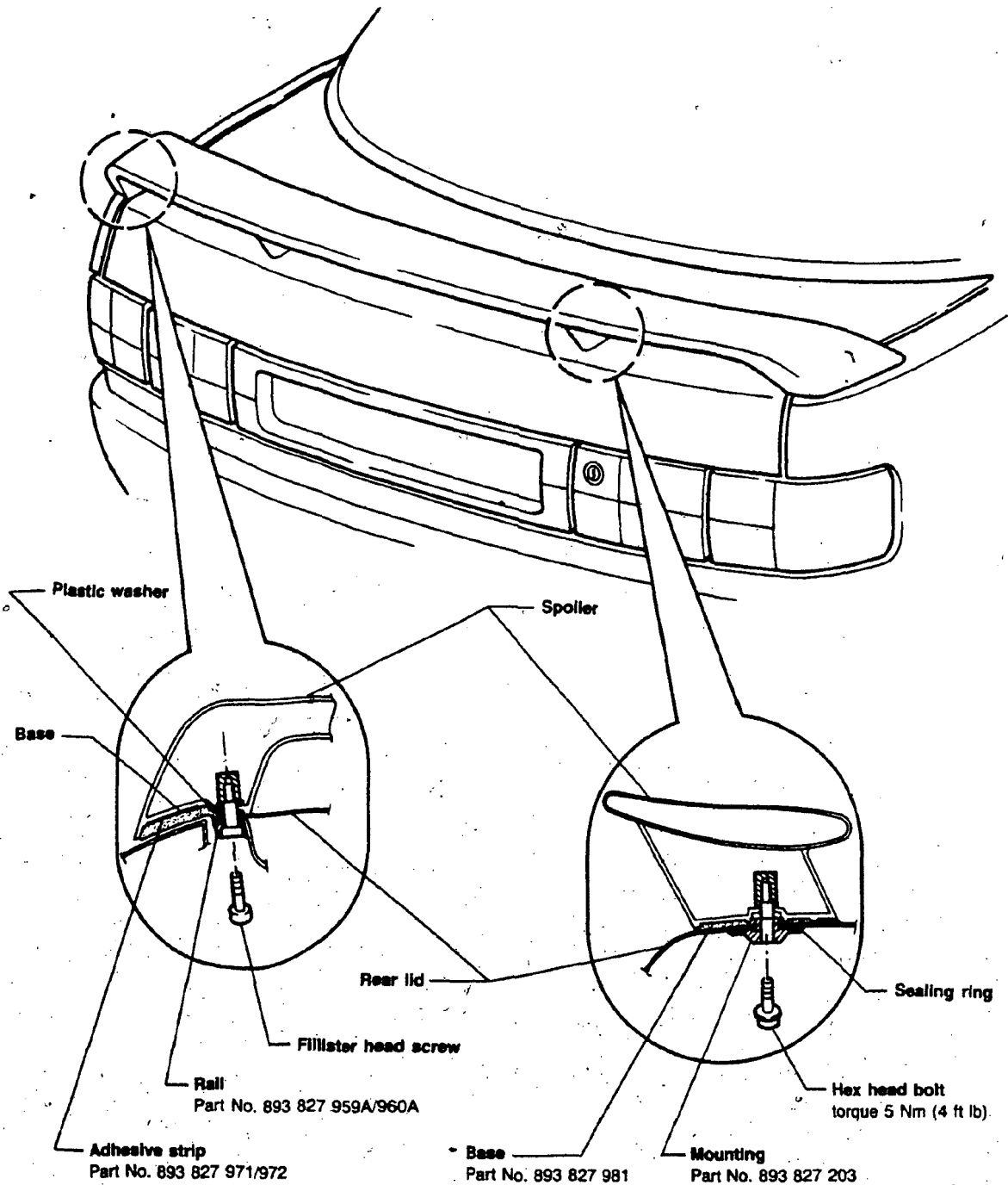
Rear spoiler, installing on replacement rear lid

CAUTION

Prime drilled holes with anti-corrosion primer and refinish as required.



- mark spoiler mounting hole positions on replacement lid (as shown)
 - M = middle of lid
 - all dimensions in mm, ± 1.0 mm tolerance
- center punch and drill small starter holes in lid
- drill 8 mm (5/16 in.) holes
- put spoiler on lid
- check fit, rework holes as required
- install spoiler nuts and tighten



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E-14

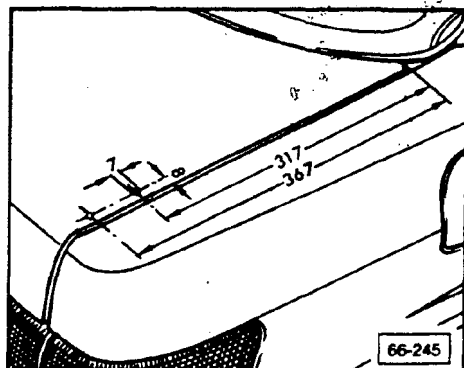
90 Quattro

Rear spoiler, assembly

66.13

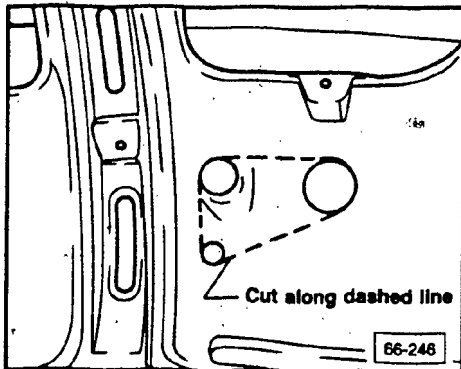
CAUTION

Prime all drilled holes and cut sheet metal with anti-corrosion primer and refinish as required.



Rear spoiler, installing on replacement lid

- mark spoiler mounting hole positions on replacement lid (as shown)
 - all dimensions in mm
- center punch and drill small starter holes in lid
- drill 7.0 mm holes
- put spoiler on lid
- check fit, rework and refinish holes as required
- cover with adhesive strip in center bracket area
- put spoiler on lid, fasten down with outer bolts
- using soft pencil, copy outline of center brackets onto adhesive strip
- remove spoiler, place base 5 on outline drawn on adhesive strip
 - outer edges of base should just cover outline
- mark bolt holes
- drill small starter holes
- drill 7.0 mm holes
- check fit, rework holes as required
- drill and enlarge holes to 15.0 ± 0.5 mm
- refinish holes as required



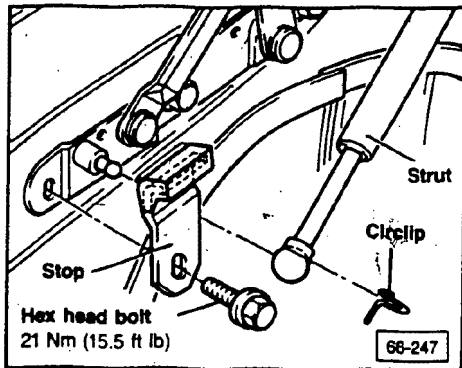
- using air saw, cut inner rear lid, as shown
- refinish edges as required

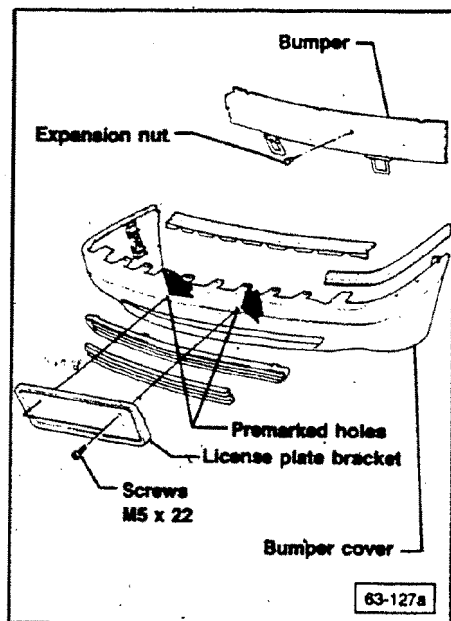
Rear spoiler, aftermarket installation

- installation procedures are identical, noting the following:
 - install stronger rear lid gas filled struts, Part No. 893 827 552A

Rear lid gas filled strut, adjusting

- place stops in upper most position
- lightly tighten hex head bolts
- carefully push rear lid into lock
- open rear lid, tighten hex head bolts
 - 21 Nm (15.5 ft lb)





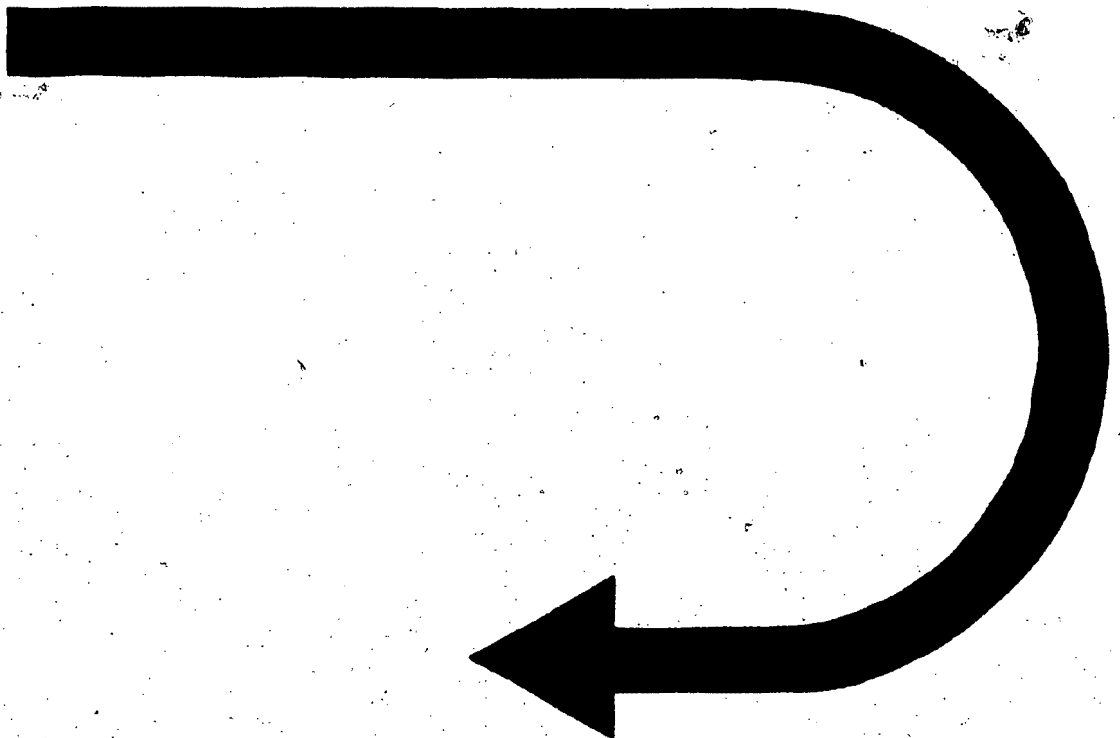
▶ Front license plate bracket, installing

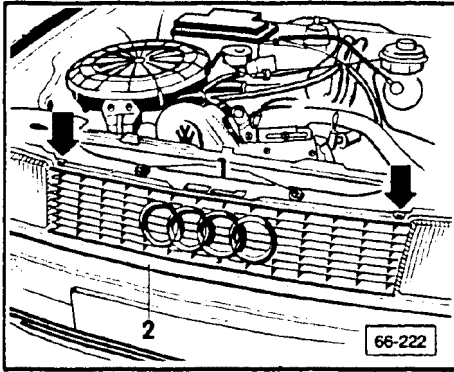
- drill two 8mm (9/16 in.) diameter holes in bumper cover (arrows)
- drill points are pre-marked
- mount license plate bracket with M5 x 22 screws Part No. N 014 155.1 or equivalent

CAUTION

Part numbers are for reference only.
Always check with your Parts
Department for latest information.

**CONTINUED IN THE
BEGINNING OF NEXT ROW**





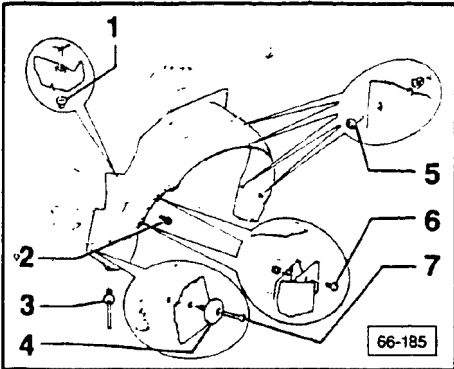
Radiator grille, removing

- remove Phillips screws 1
- push down retaining clips (arrows) with screwdriver
- pull radiator grille up and away from front panel 2

Radiator grille, installing

Install in reverse order of removal. Note the following:

- retaining tabs from radiator grille must fit behind front panel 2



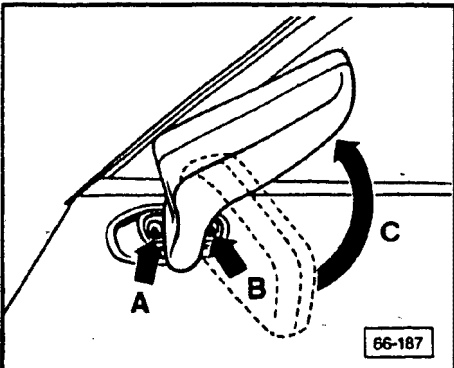
Wheel house liner, removing

- unclip and remove expanding clips, screws and nuts

- 1 — plastic nut
- 2 — self tapping screw removing:
 - remove screw/washer 6
 - pull fender away
- 3 — expanding clip
- 4 — clip
- 5 — self tapping screw
- 6 — screw/washer
 - 6 Nm (53 in lb)
- 7 — self tapping screw

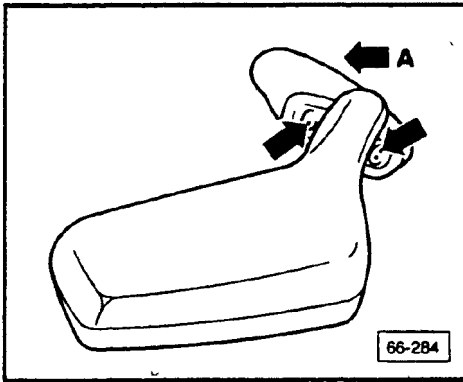
Wheel house liner, installing

Reinstall all components in reverse order of removal.



Outside mirror, removing

- turn mirror 90 (arrow C) to expose Phillips screws A, B
- holding mirror, remove both screws (arrows A, B)
- disconnect electrical plug at base of mirror



Outside mirror, installing

Reinstall mirror in reverse order of removal noting the following:

Left side

- mount mirror (**arrows**) as shown
 - arrow **A** points to front of vehicle

Note

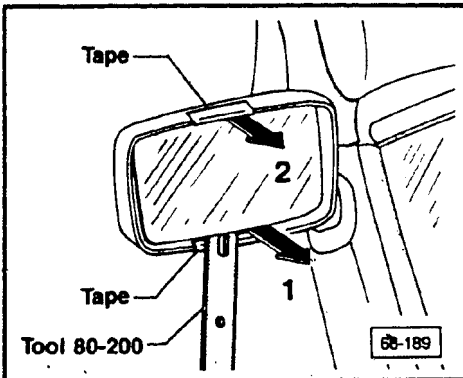
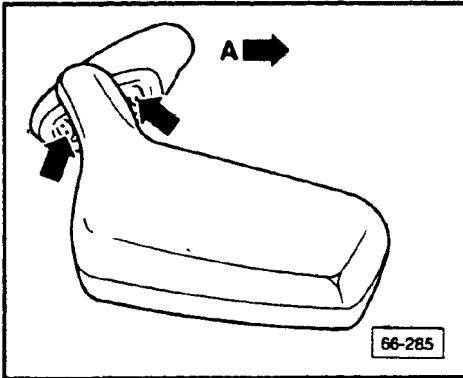
Do not alter mounting position as this will change viewing angle.

Right side

- mount mirror (**arrows**) as shown
 - arrow **A** points to front of vehicle

Note

Do not alter mounting position as this will change viewing angle.



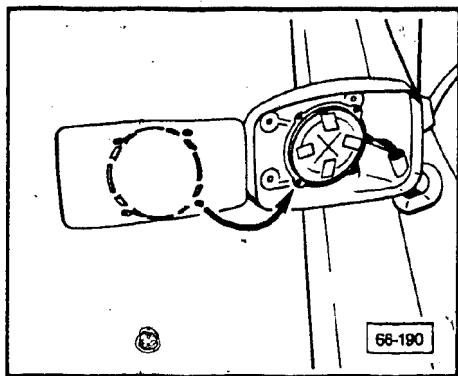
Outside mirror glass, removing

CAUTION

Wear protective gloves to prevent injury if glass breaks.

Hold glass to prevent falling out.

- tape upper/lower edge of mirror housing to prevent damage
- using tool **80-200**, pry mirror^o glass off at bottom **1** and top **2**
- hold mirror, unplug electrical connector



Outside mirror glass, installing

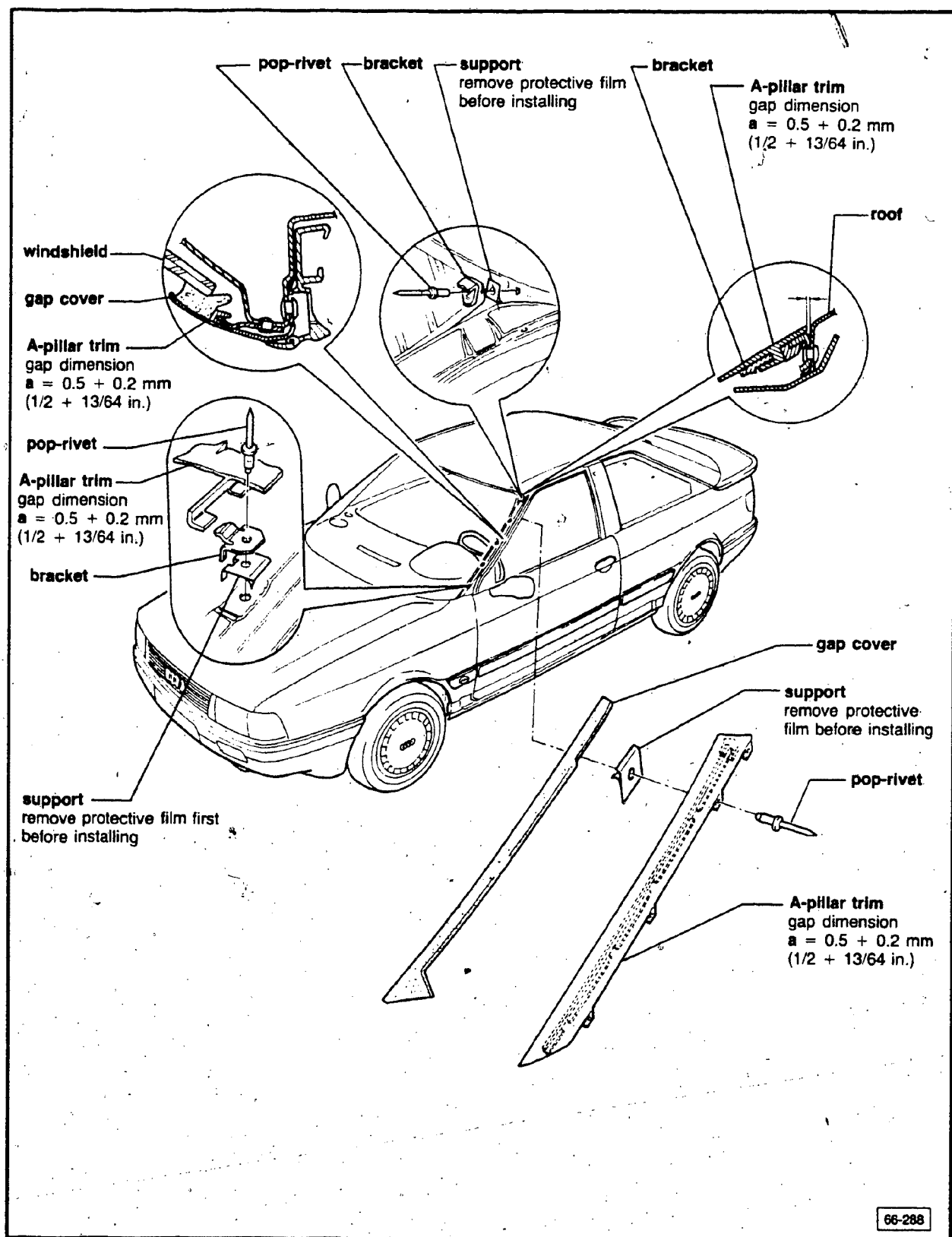
CAUTION

Apply pressure **only** at **center** of mirror glass.

- reconnect electric connector
- fit mirror onto guide pins (**arrow**)
- press into mirror housing
- check mirror for proper function

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A-pillar trim, removing

- remove door seal at area of A-pillar
- bore out rivet heads with 8.0 mm (5/16 in.) diameter drill and push remaining rivet through to the inside

Note

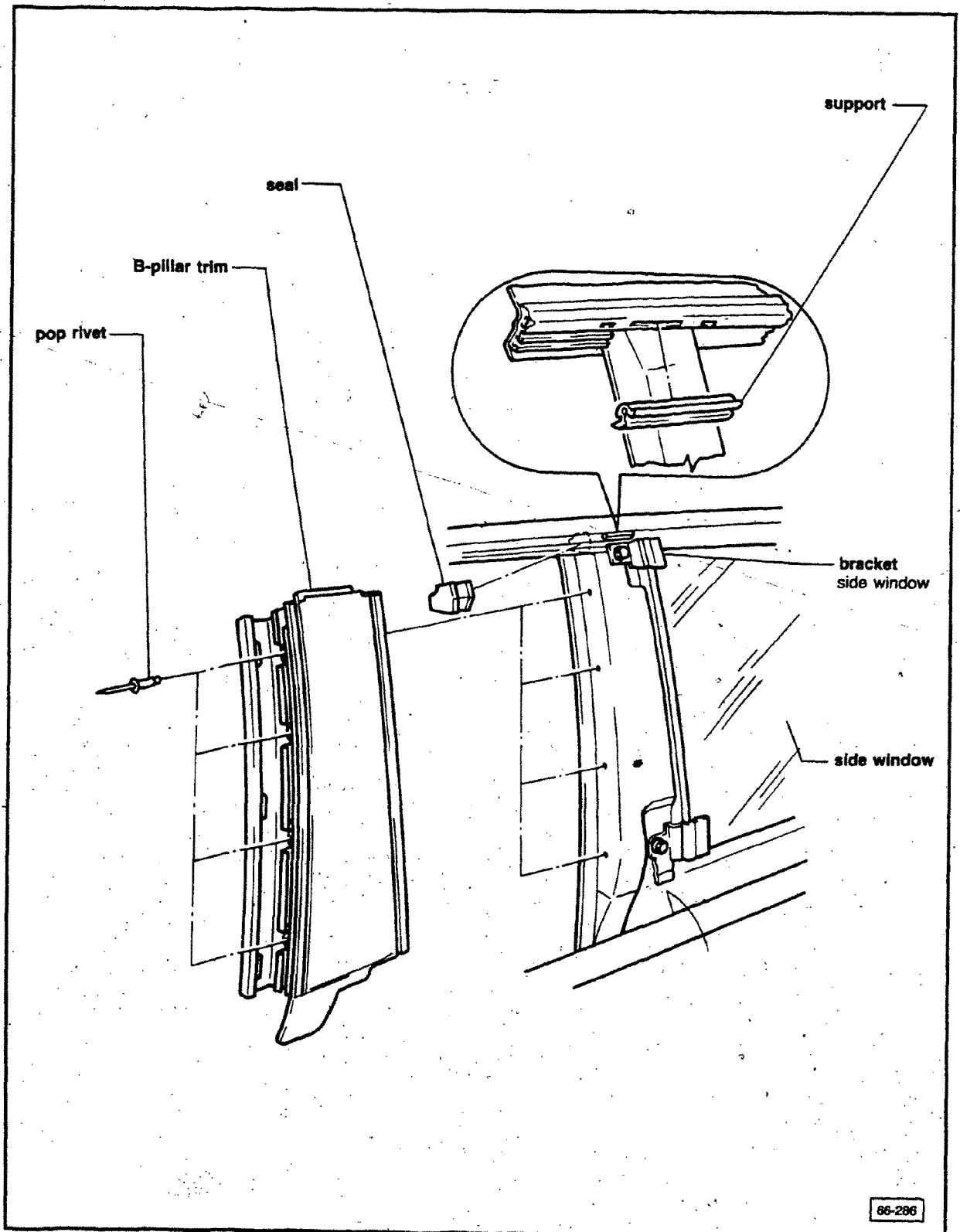
Paint damage may occur by the rivet turning when being drilled out.

The appearance and area of paint damage will determine the type of paint refinishing application: brush, spray can or spray gun.

A-pillar trim, installing

Install in reverse order of removal, noting the following:

- remove protective film from supports prior to installing
- set A-pillar gap dimension,
 $a = 0.5 + 0.2 \text{ mm (1/2 + 13/64 in.)}$



B-pillar trim, removing

- remove door seal at area of B-pillar
- bore out rivet heads with 8.0 mm (5/16 in.) diameter drill and push remaining rivet through to the inside

Note

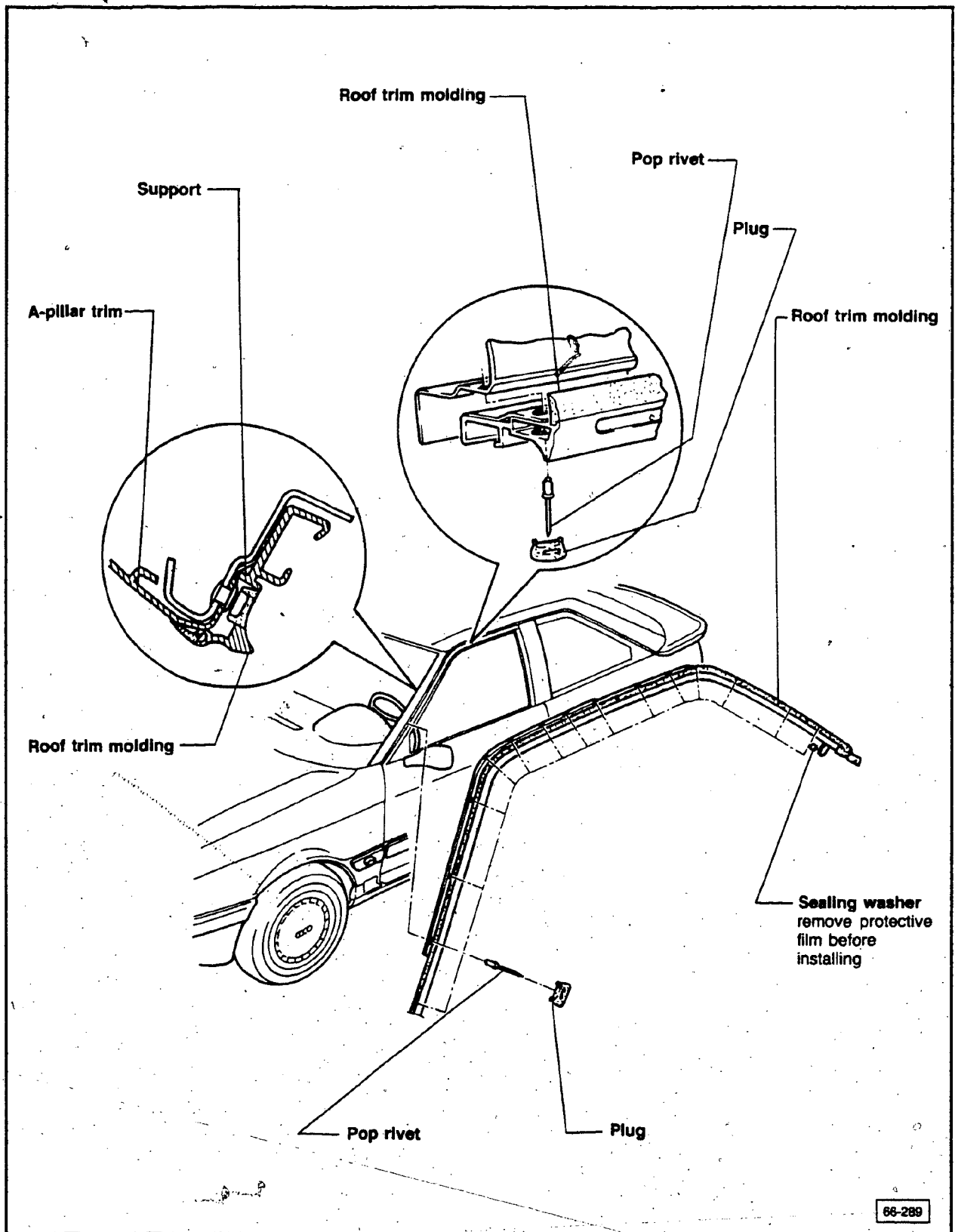
Paint damage may occur by the rivet turning when being drilled out.

The appearance and area of paint damage will determine the type of paint refinishing application: brush, spray can or spray gun.

B-pillar trim, installing

Install all components in reverse order of removal

Body Accessories – Exterior



F-10

Coupe

Roof trim molding, assembly

66.24

Roof trim molding, removing

- remove door seal at door glass area
- remove B-pillar trim
- remove side window
- remove side window seal along roof
- bore out rivet heads with 8.0 mm (5/16 in.) diameter drill and push remaining rivet through to the inside

Note

Paint damage may occur by the rivets turning when being drilled out.

The appearance and area of paint damage will determine the type of paint refinishing application: brush, spray can or spray gun.

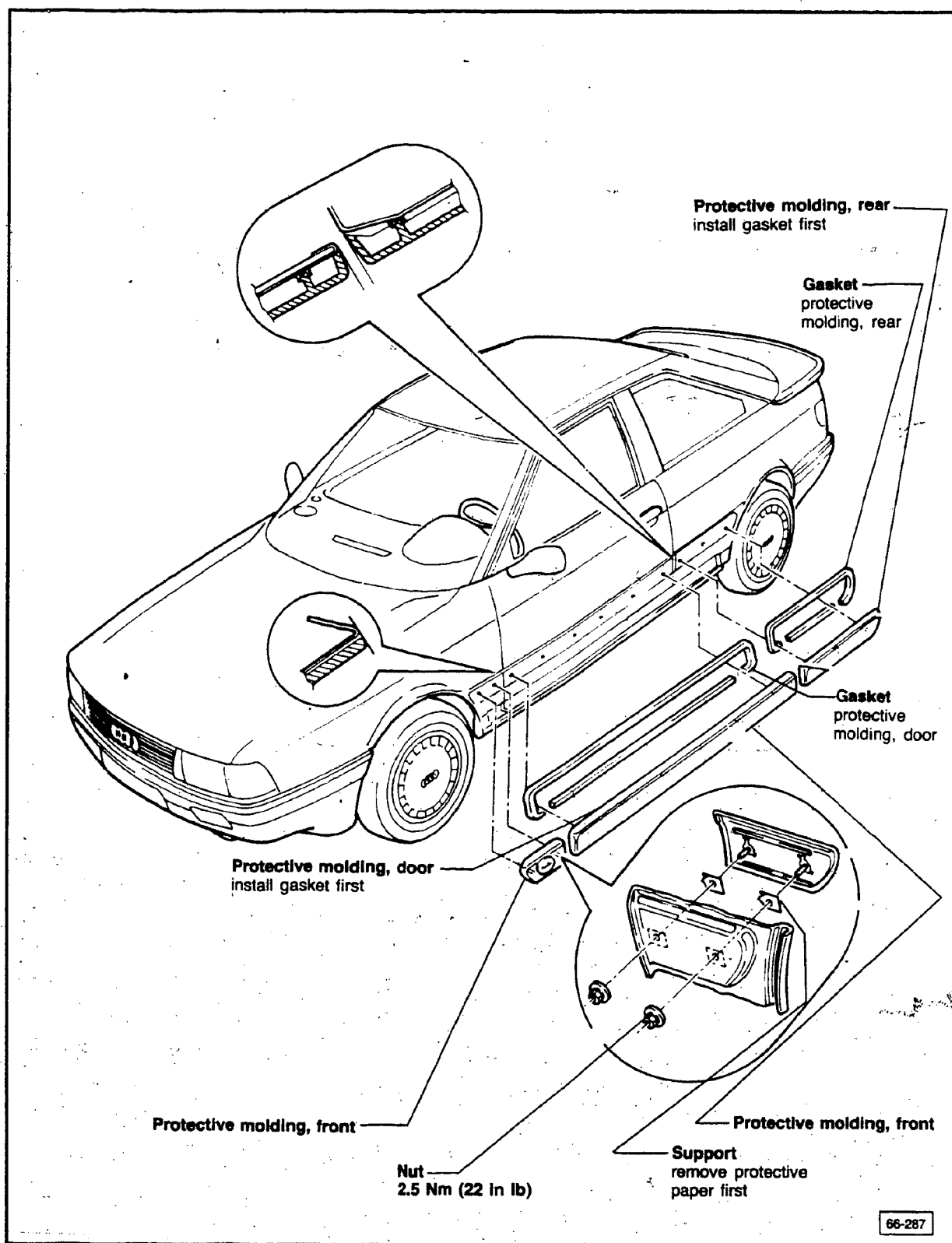
Roof trim molding, installing

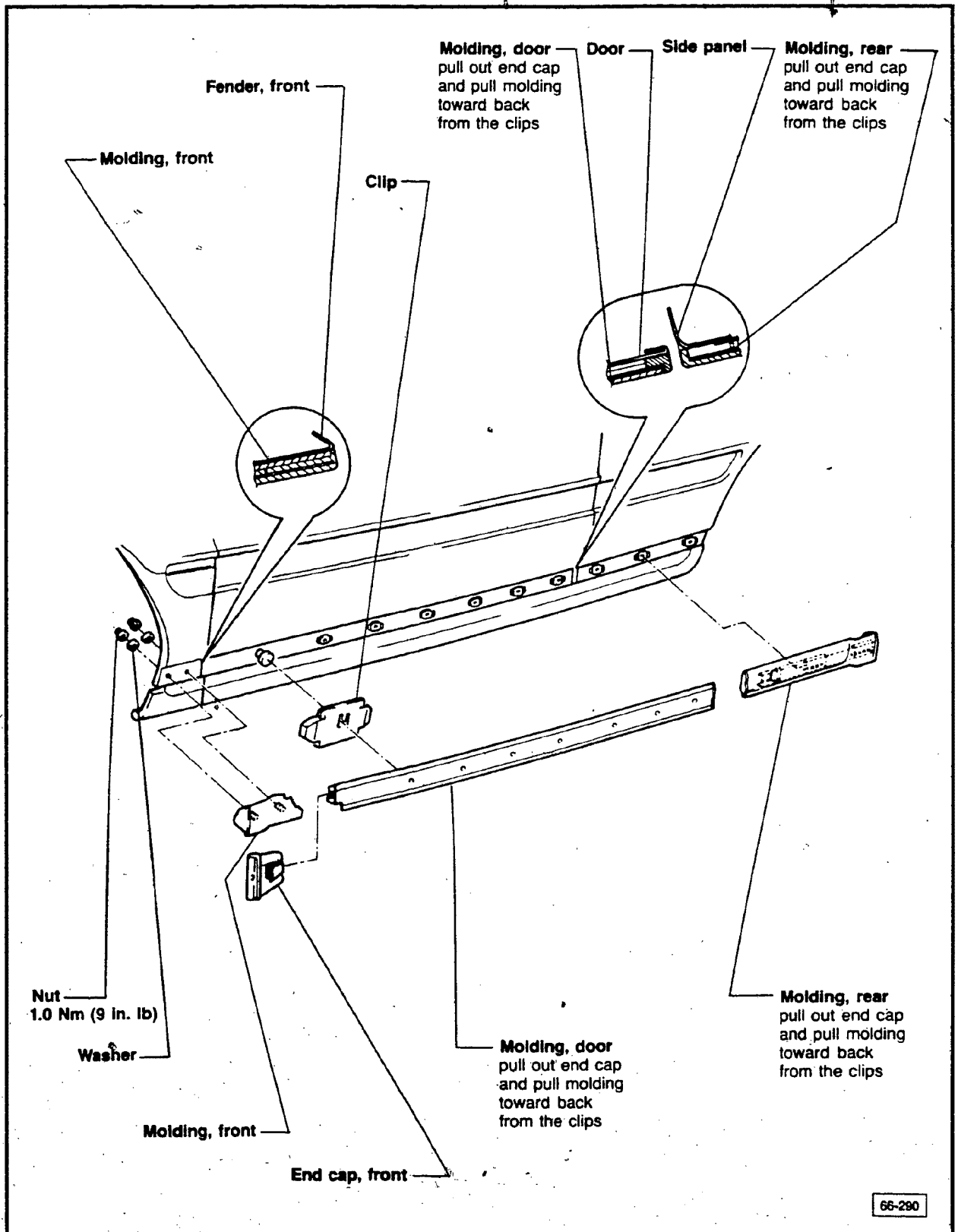
Install molding in reverse order of removal, noting the following:

Note

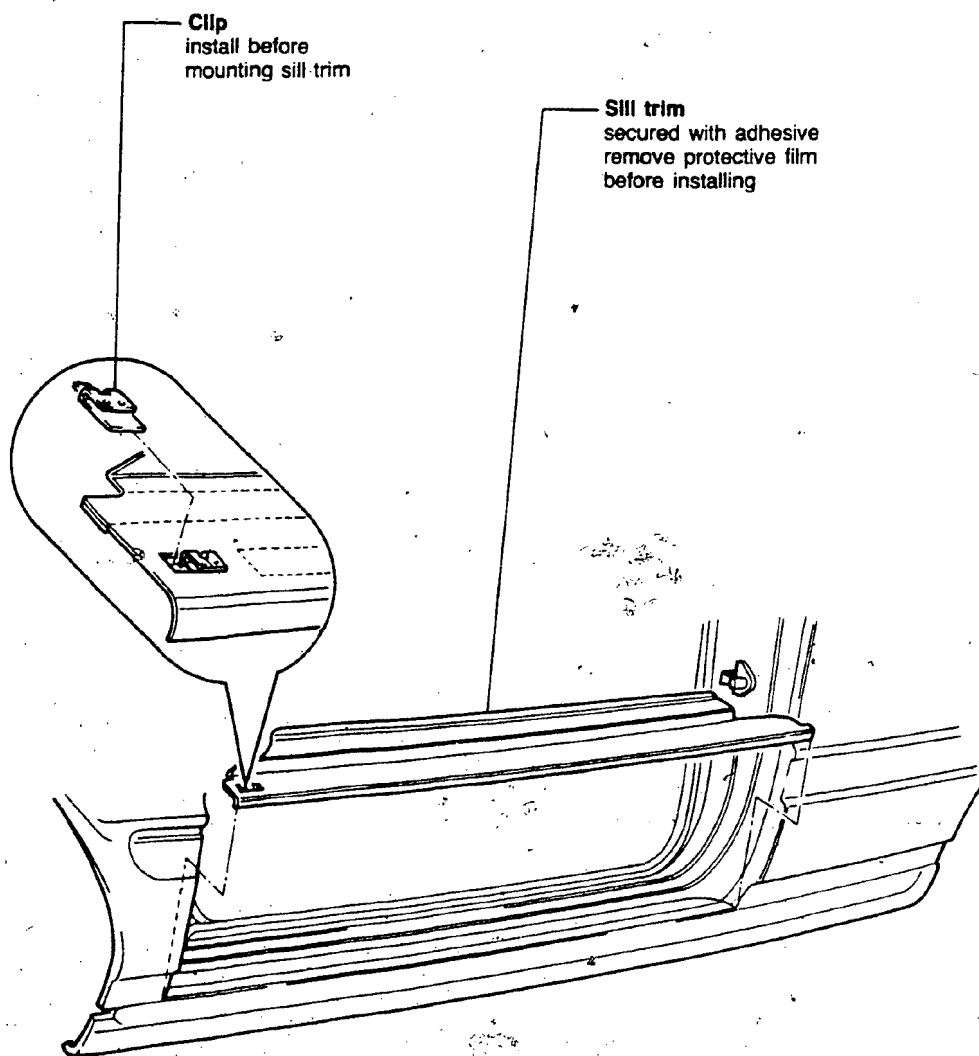
To avoid paint damage, guide the roof trim molding in place with aid of helper.

- remove protective film from support prior to installing





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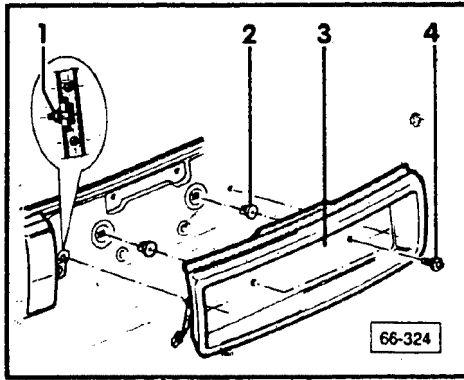
66-291

F-14

Coupe

Door sill trim, assembly

66.28



► Front license plate trim, assembly

- 1 = nut
 - 4 Nm (35 in lb)
- 2 = split rivet
- 3 = license plate trim
 - remove protective film before installing
- 4 = screw/washer
 - 4 Nm (35 in lb)
 - secures license plate