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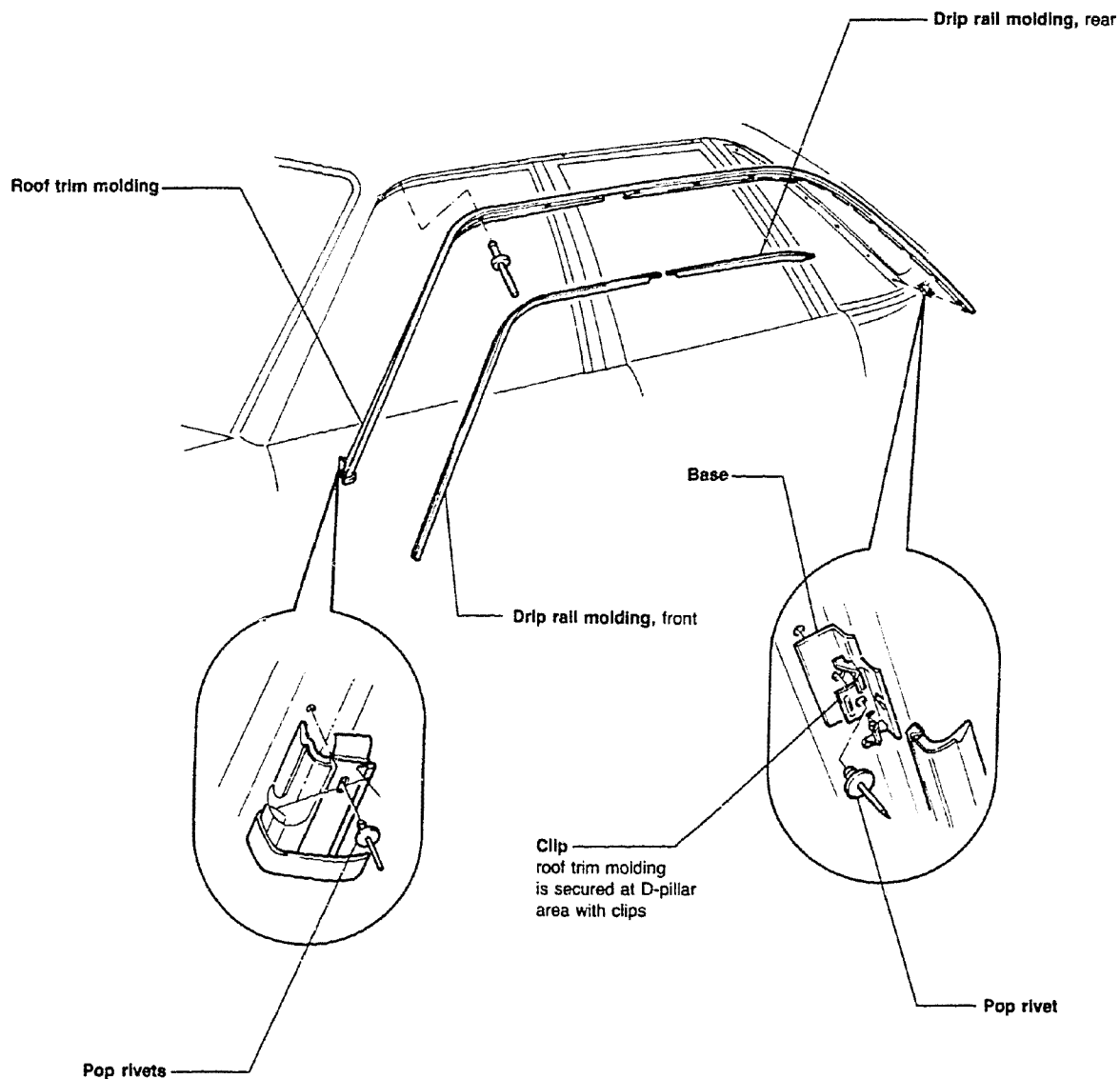
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- ★ **NEW INFORMATION** since last filming

Body Accessories – Exterior

Note

On wagon models, roof trim molding is secured on the roof frame with clips at C and D pillars.



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Body Accessories – Exterior

Roof trim molding, removing

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.

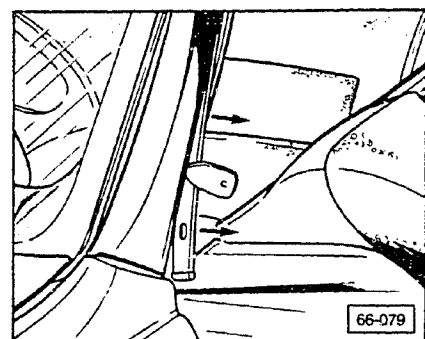
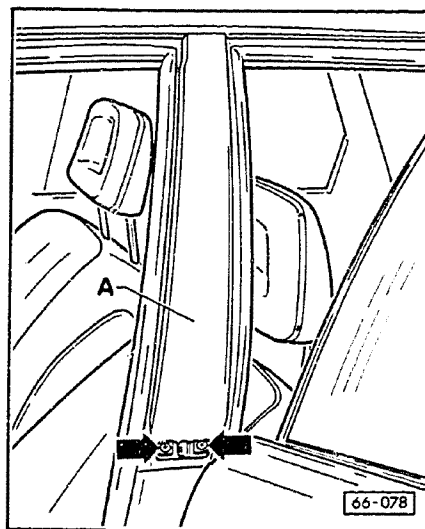
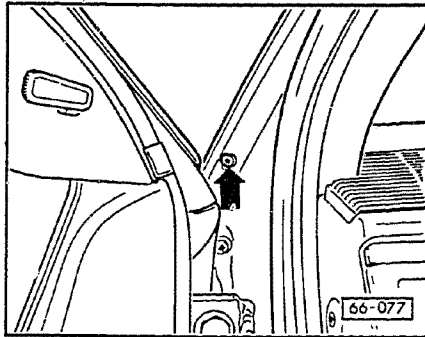
- remove rivets (**arrow**) in A-pillar

- remove Phillips screws (**arrows**)
- remove trim from B-pillar **A**

Note

Molding is glued and clipped-on around rear quarter window.

- lever molding off with plastic wedge
- carefully pry off old cover strip
 - drill out pop rivets

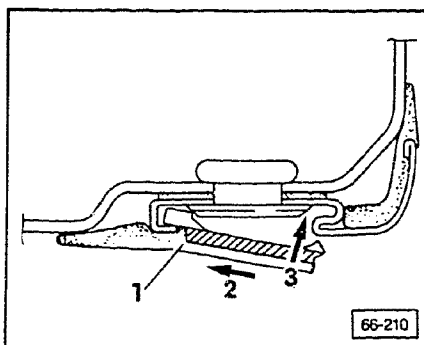
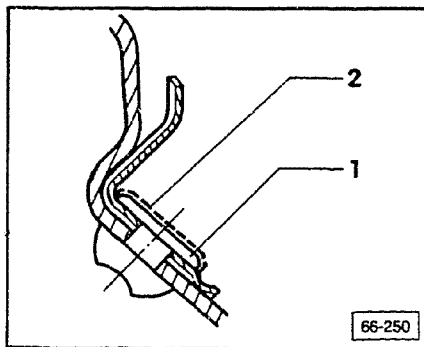


Roof trim molding, installing

Note

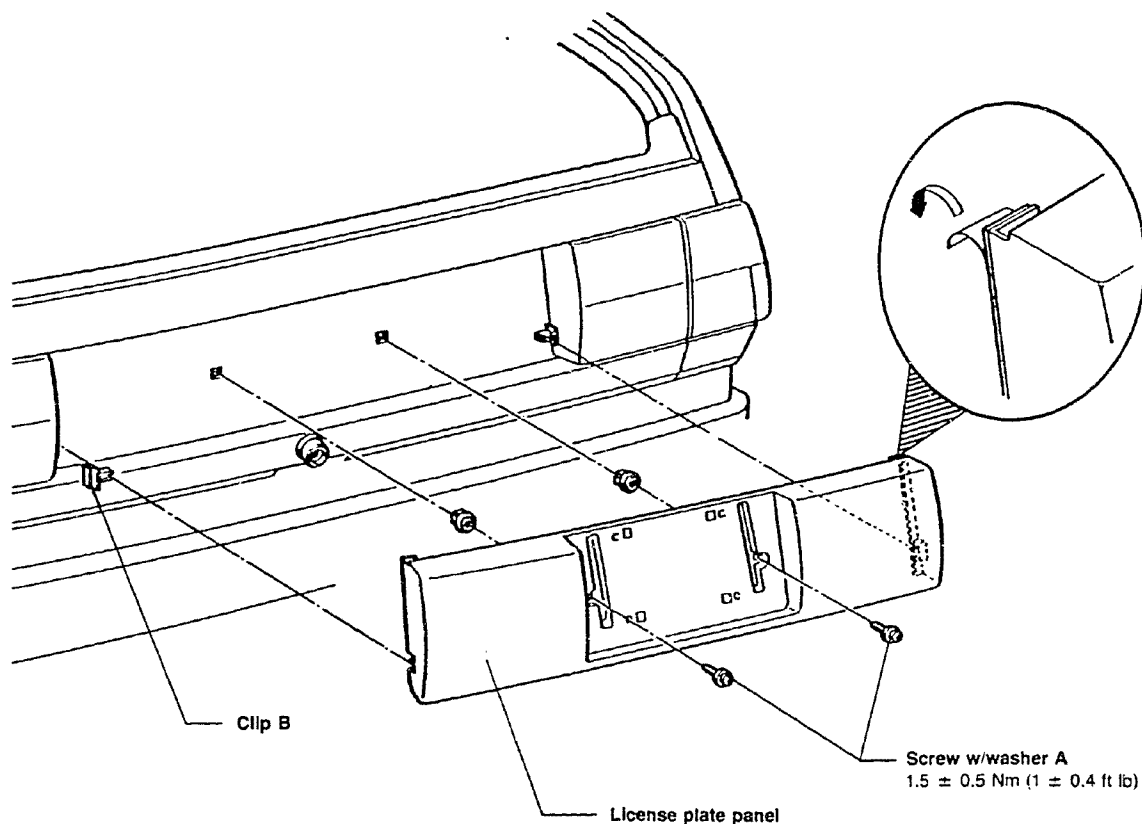
To avoid paint damage, guide the roof trim molding along D-pillar during installation with aid of a helper.

- install molding into trim strip of quarter window
- align molding with cut-out for B-pillar and stop at bottom of A-pillar
- press molding into D-pillar clips
 - on wagon press molding into clips over side window
- press molding onto roof frame until rubber lip fully seated
- seal and repair paint damage on edges of holes as required
- secure roof trim molding with pop rivets
 - ensure rubber lip fits tightly to roof
- seal rivet heads 1 with sealant material 2 AKD 476 KD 505 or equivalent



CAUTION

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



Rear license plate panel, removing

- tape lower edge of rear lid
- remove license plate
- remove screws A
- carefully pry panel from clips B
- lift panel upwards to remove (inset)

Rear license plate panel, installing

Install in reverse order of removal, noting the following:

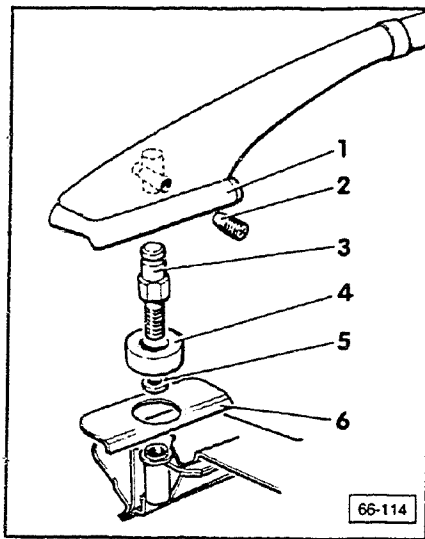
- ensure panel is properly engaged (inset)
- reinstall screws A
 - 1.5 ± 0.5 Nm (1 ± 0.4 ft lb)

66-A021

CAUTION

To avoid damaging the paint, cover the areas around the front and rear brackets with 50 mm (2 in.) tape.

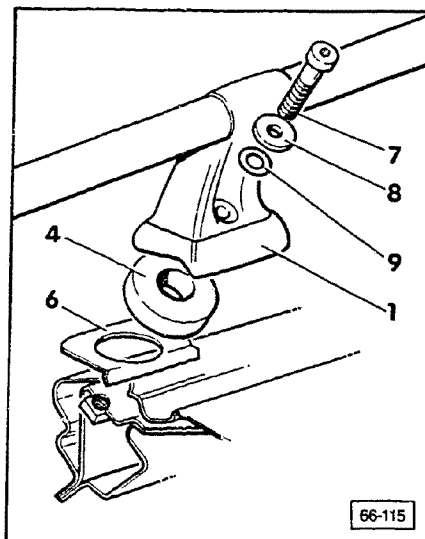
Roof rails, removing



Front and rear brackets

- 1 = rubber washer
- 2 = grub screw
- 3 = threaded stud
- 4 = seal
- 5 = shim
- 6 = plastic spacer

- remove grub screw 2 from front and rear brackets
- lift rail off at front and rear brackets (rock rail slightly to remove)
- remove seal 4

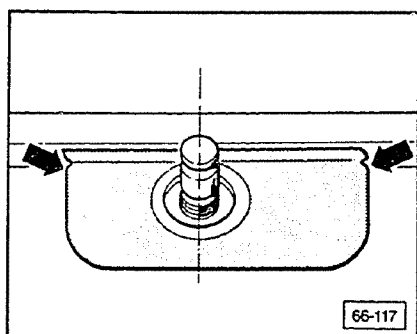
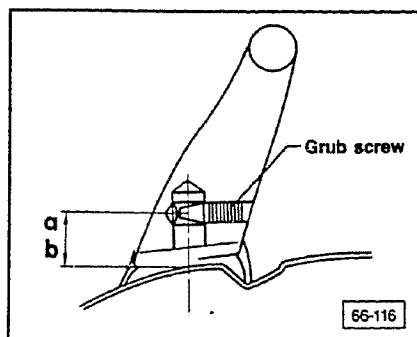


Center bracket

- 1 = rubber washer
- 4 = seal
- 6 = plastic spacer
- 7 = screw
- 8 = spring washer
- 9 = sealing ring

- remove screw 7

Roof rails, installing



- set height of threaded studs by fitting shims
 - shim thickness = 1.0 mm (3/64 in.)
- setting dimensions:
 - front bracket **a** = 22 mm (7/8 in.)
 - rear bracket **b** = 19.5 mm (49/64 in.)
- tightening torque:
 - 46 Nm $\pm$ 2 (34 ft lb $\pm$ 1.5)

Note

Measure the setting of the front stud at the **front** of the stud (front of vehicle). Measure the setting of the rear stud at the **rear** of the stud (rear of vehicle).

- place plastic spacer over mounting location and align center of hole with stud or threaded hole
- mark spacer at centerline of hole
- clean area to be covered by spacer
- pull protective paper off bottom of spacer
- align mark with stud or hole and stick spacer to roof. Align notches with edge of water channel (**arrows**)
- pull top protective paper off
- insert front and rear seals in holes in roof
- place rubber washers on brackets
- push seal on center brackets
- install brackets on front and rear at same time and align center bracket
- check center bracket sealing ring for damage and replace if necessary
- tighten center bracket screw lightly
- screw in grub screws (tap brackets lightly with a rubber mallet while tightening)
 - tightening torque: 10 $\pm$ 1.0 Nm (7 $\pm$ 0.5 ft lb)
- tighten center bracket screws
 - tightening torque: 23 $\pm$ 2.0 Nm (17 $\pm$ 1.0 ft lb)
- check that rubber washers are seated properly

Body Accessories – Exterior

Outside mirror glass, replacing

Note

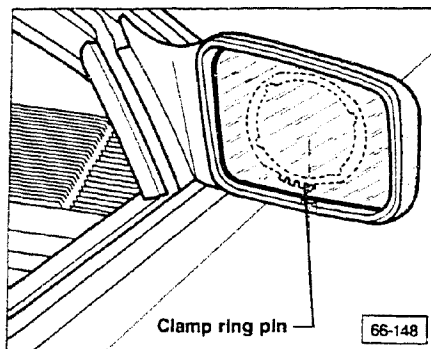
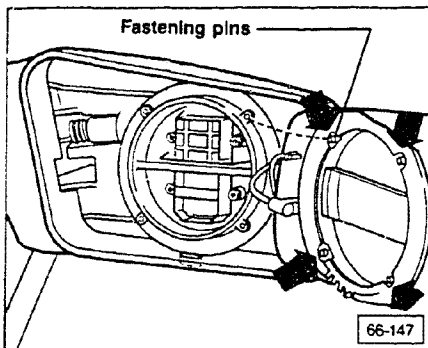
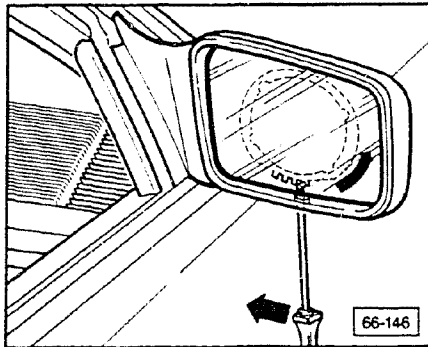
Outside mirror glass can be replaced without removal of mirror assembly from vehicle.

- center notches on clamping ring over slot at bottom of mirror housing
- hold mirror and turn clamping ring counterclockwise with screwdriver
- unplug electrical connections and remove mirror from housing
- press mirror glass to base, making sure fastening pins (**arrows**) fit into slot on clamping ring

Note

Insure that dust cover is properly fitted on mirror assembly.

- tighten clamping ring until pin is centered over slot on mirror bottom
- check mirror for proper function



Body Accessories - Exterior

Outside mirror glass, removing/installing

Removing

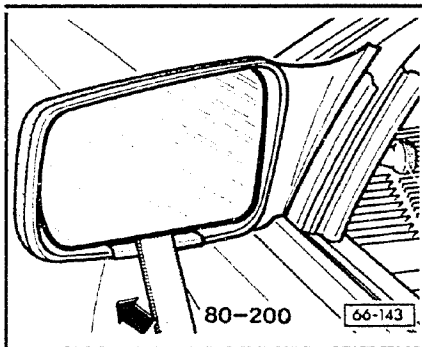
CAUTION

Wear protective gloves and safety glasses if mirror glass should break.

- tape upper/lower edge of housing, as shown
- using tool **80-200** or equivalent, pry mirror glass off at top and bottom
- unplug electrical connection

Installing

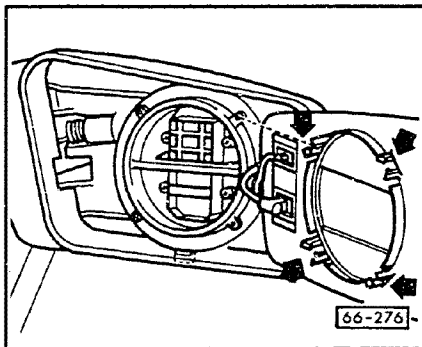
- reconnect electrical connection



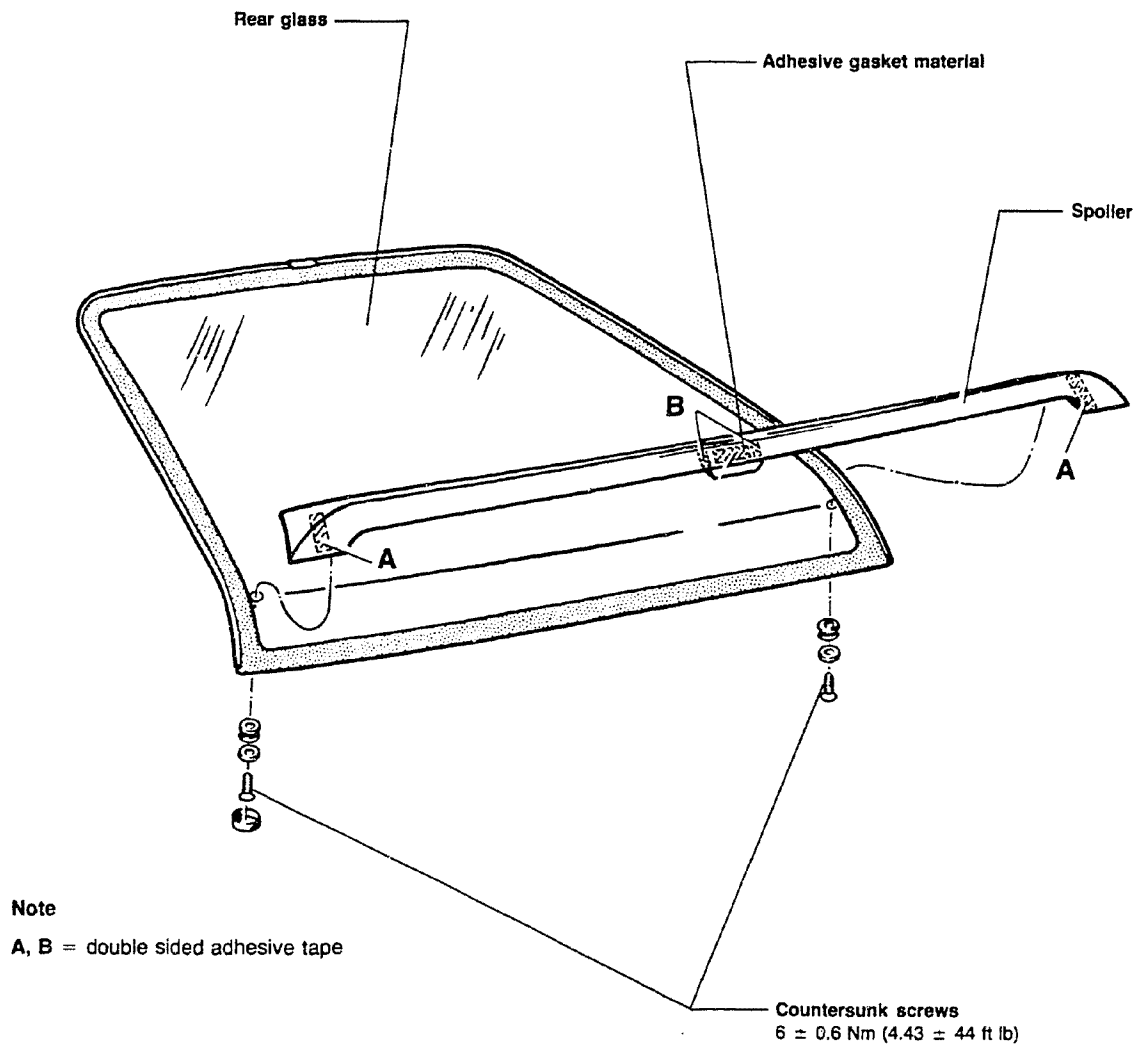
CAUTION

DO NOT press glass at outer edges. only in center, otherwise glass may break.

- press mirror glass onto base, making sure all four clips (**arrows**) are fully engaged
- check mirror for proper function

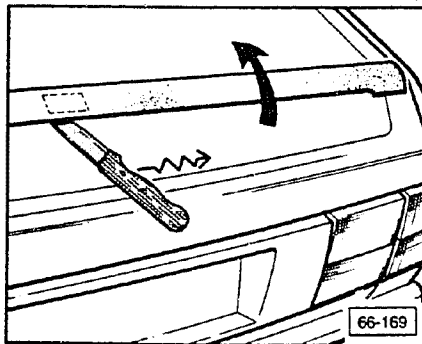


Body Accessories – Exterior



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Body Accessories – Exterior



Rear spoiler, removing

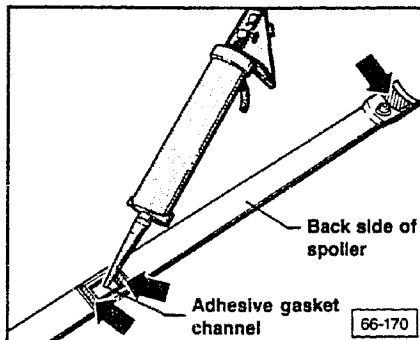
- remove wiper arm (not shown)
- lift rear lid
- remove plastic trim cover for wiper mechanism
- remove countersunk screws
- tilt spoiler upward (arrow)
- with knife, cut through adhesive gasket material and remove spoiler

Rear spoiler, installing

Note

If spoiler is to be reused:

- remove as much of old gasket material as possible
- replace double sided adhesive tape if necessary
- clean adhesive areas with **D 009 400 01** or equivalent



- apply adhesive gasket material **D 009 100 03**, **AMV 176 000 05** or equivalent into adhesive gasket channel
 - length approximately 20 mm (25/32 in.), maximum height 8 mm (5/16 in.)
- remove protective backing from double sided adhesive tape (arrows)

Note

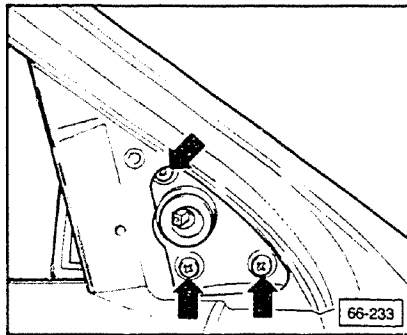
Center portion of spoiler must press with tension against center portion of glass. If not, spoiler **must** be secured in position with fabric reinforced tape for approximately six hours to ensure proper adhesion to glass.

- reinstall plastic trim cover for wiper mechanism
- reinstall wiper arm
- clean excess adhesive from glass and spoiler with solvent **D 009 400 01** or equivalent
- do not run vehicle through car wash for 24 hours

CAUTION

Part numbers are listed for reference only. Always consult with the Parts Department for latest information.

Body Accessories – Exterior



Window slot molding, removing

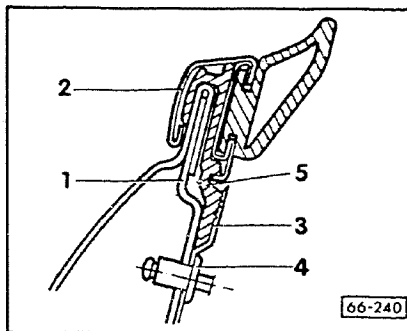
- pry off interior trim cover
- loosen screws (**arrows**)
- remove attachment, let mirror hang down on side of door
- pull old window slot molding upwards out of retaining clips

Note

Old trim strip is not reusable.

CAUTION

Do not scratch paint. Wrap mirror assembly in cloth.



Window slot molding, installing

- push plastic holding rail 5 into place between door flange 1 and retaining clips
- push window slot molding 2 onto plastic holding rail
- install end cap
- reinstall all mirror components in reverse order of removal
- check mirrors for proper function