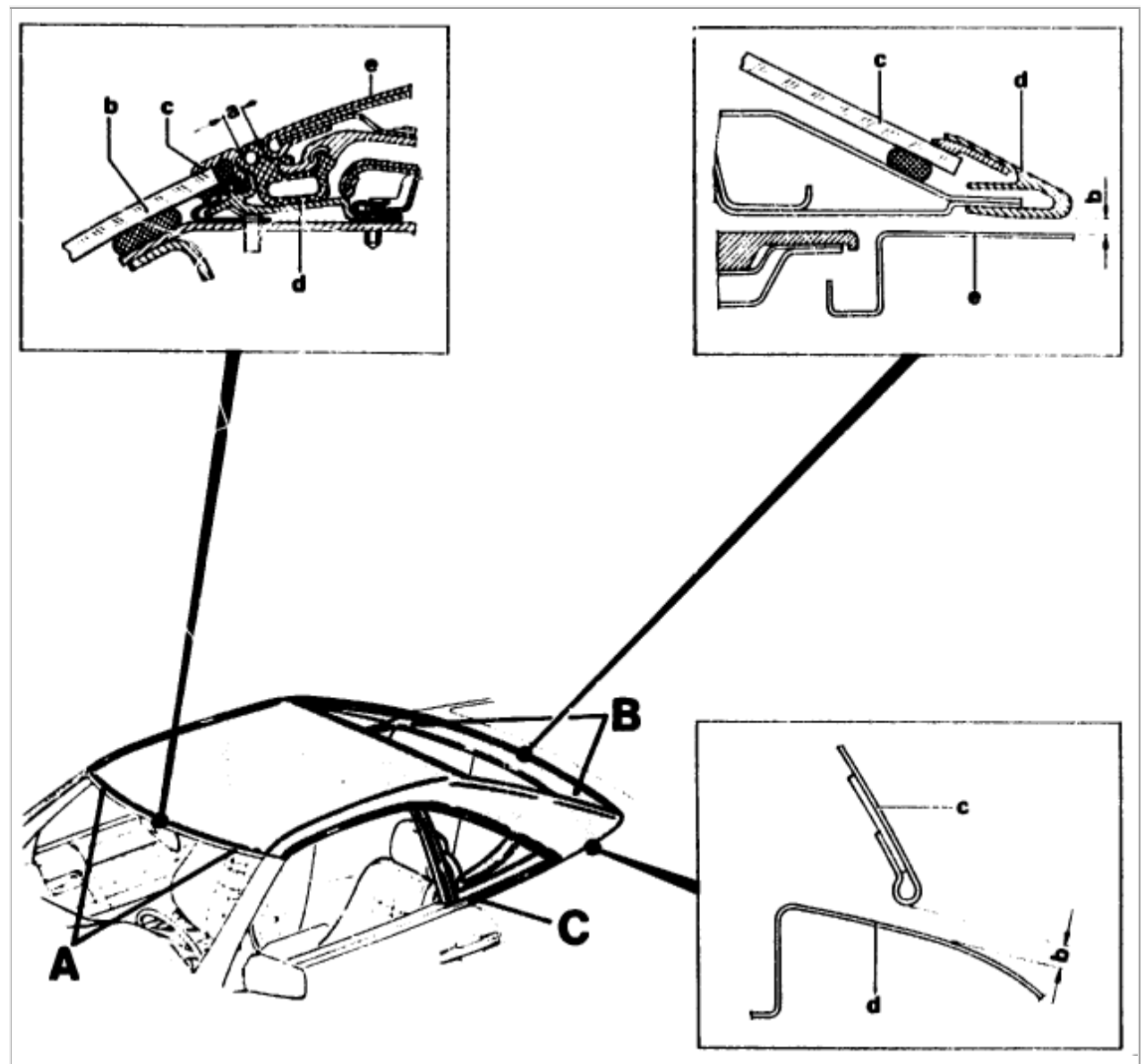


Adjustment of Coupe Roof

Preliminary jobs:

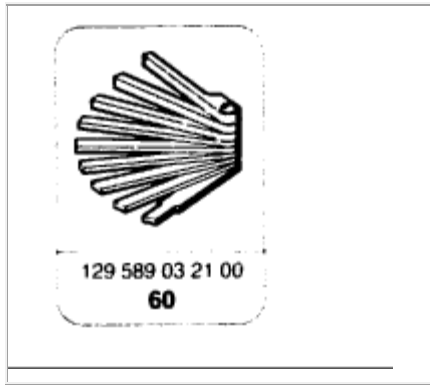
Covering above center pillar removed, see "Removing and Installing of Top"

[See: Convertible Top\Service and Repair](#)



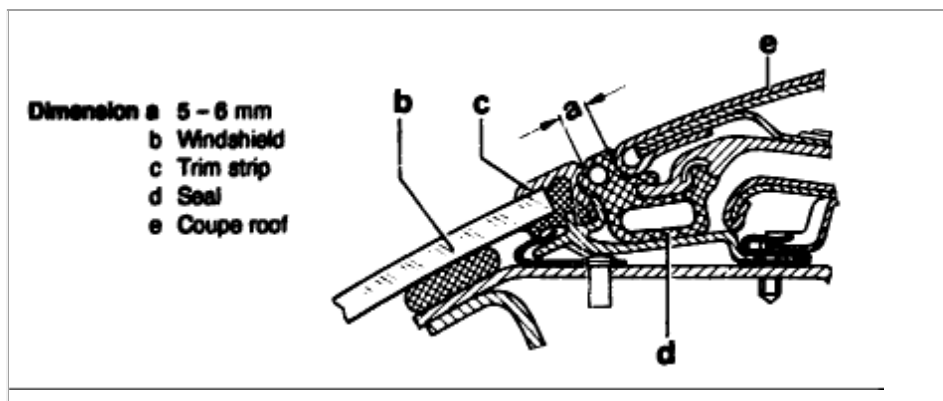
Perform adjustment work in the specified order:

- A. Gap between coupe roof and windshield trim strip Special tool 129 589 03 21 00
- B. Gap between coupe roof and body
- C. Mount for coupe roof pin on center pillars, left and right



Special tool

A. Adjustment of gap between coupe roof and windshield trim strip

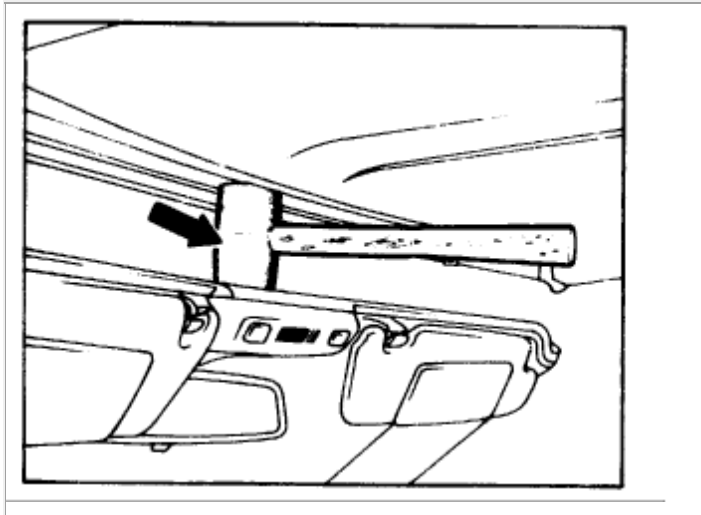


1 Check gap a: **5-6 mm** with special tool 129 589 03 21 00.

NOTE: Check gap at several points.

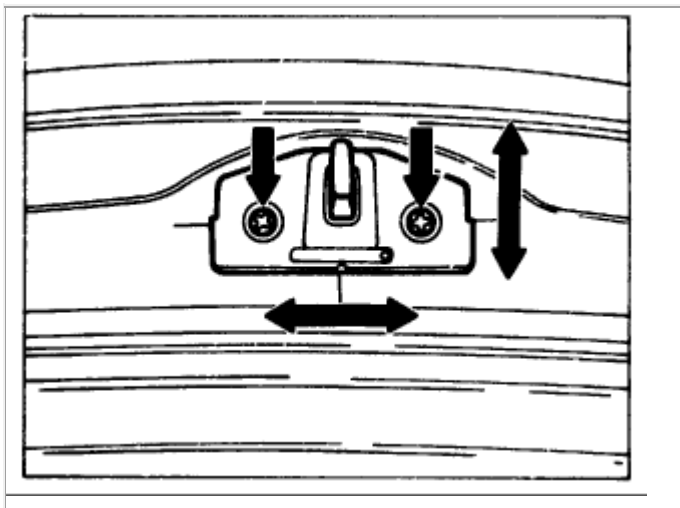
NOTE: The gap should not be less than **5 mm** , because otherwise the closing forces for the catches at the front would be too high. If the locking and release operations are negatively effected by too high closing forces, spacers can be installed below the locking pins. A rain test must then be performed. If a replacement coupe roof is installed, the following work must be performed after adjustment.

- Adjust crank windows on left and right. [See: Windows and Glass\Window Glass\Adjustments](#)
- Adjust top. [See: Convertible Top\Adjustments](#)

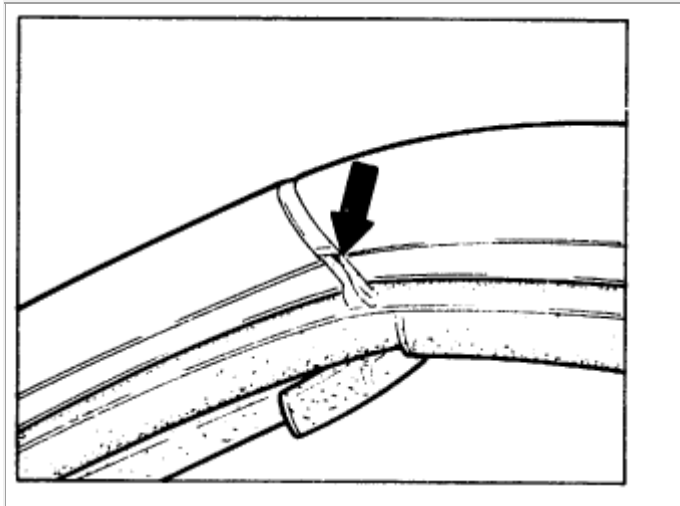


Adjustment

- 2 Unlock coupe roof, lift at front and support (e.g. with rubber hammer).
- 3 Mark position of locking pins with felt tip pen.



- 4 Loosen screws and adjust gap by moving locking pin toward rear (to decrease gap) or toward front (to increase gap).

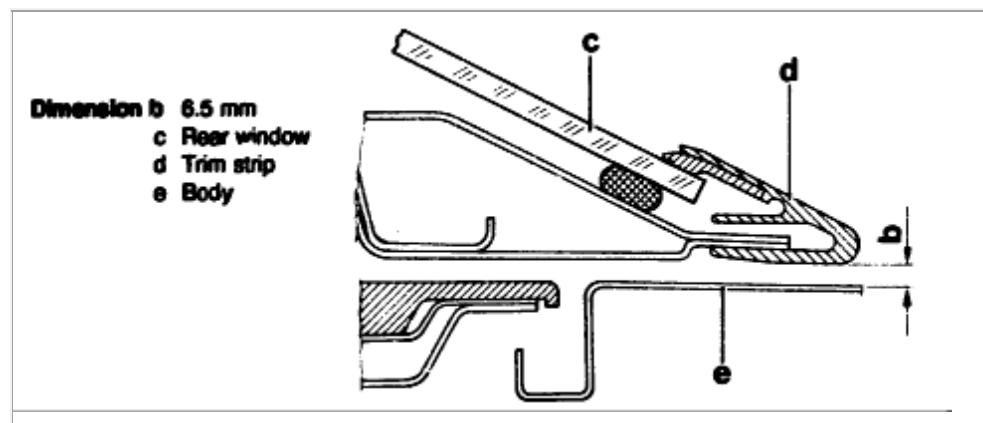


Transition between front pillar and coupe roof

- 5 Adjust locking pins by moving parallel to side so that there is no gap between the covering on the front pillars and coupe roof at left and right sides.
- 6 Tighten screws.
- 7 Lock coupe roof with top switch.

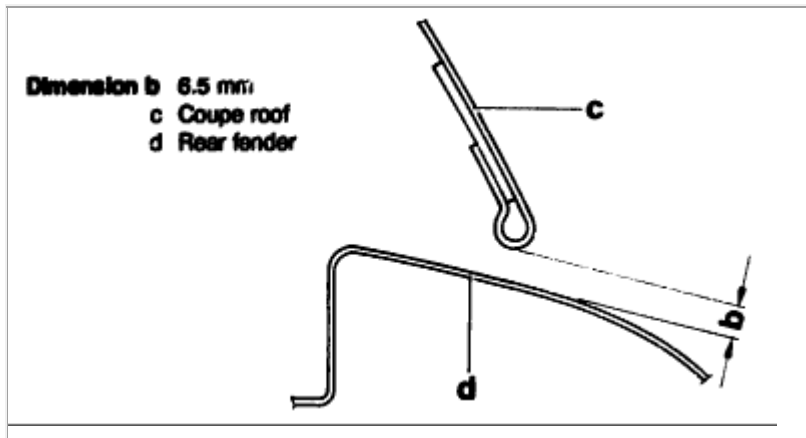
NOTE: Check opening and locking operations several times.

B. Adjustment of gap between coupe roof and body



- 8 Check gap b: **6.5 mm** with special tool no. 129 589 03 21 00.

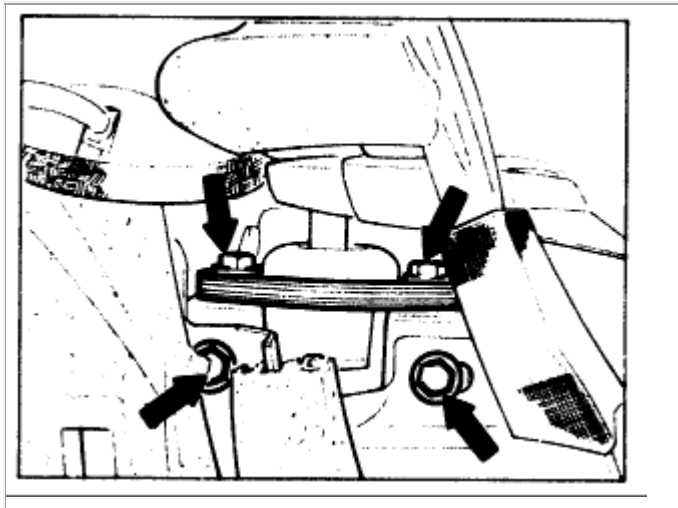
NOTE: Check gap at a number of points.



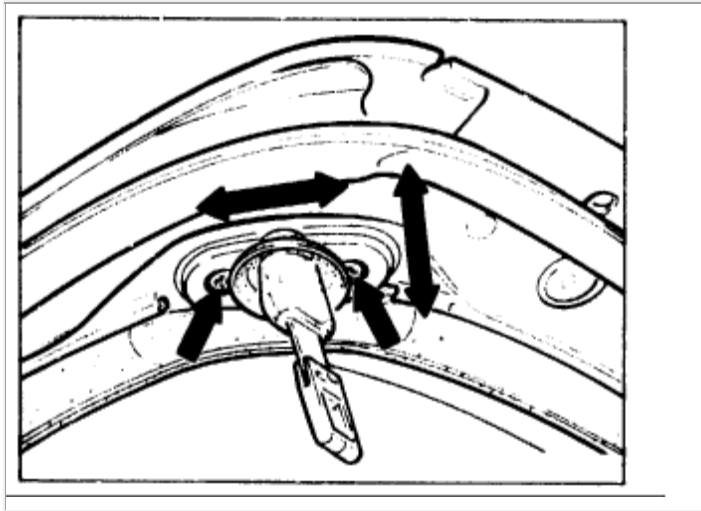
Gap coupe roof at rear [fender](#)

Adjustment

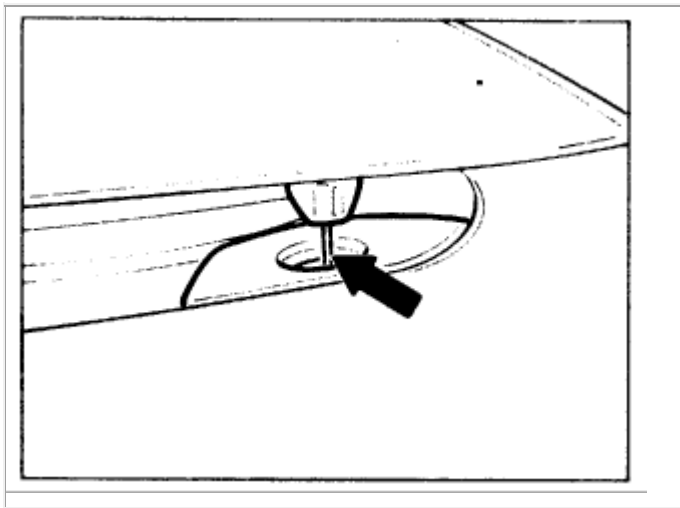
- 9 Remove coupe roof and lay on a soft surface to prevent damage to the finish.



- 10 Loosen screws for mounting pin for coupe roof on left and right on center pillars and remove spacers (push covering slightly to side).
- 11 Mark position of locking pins with felt tip pen.

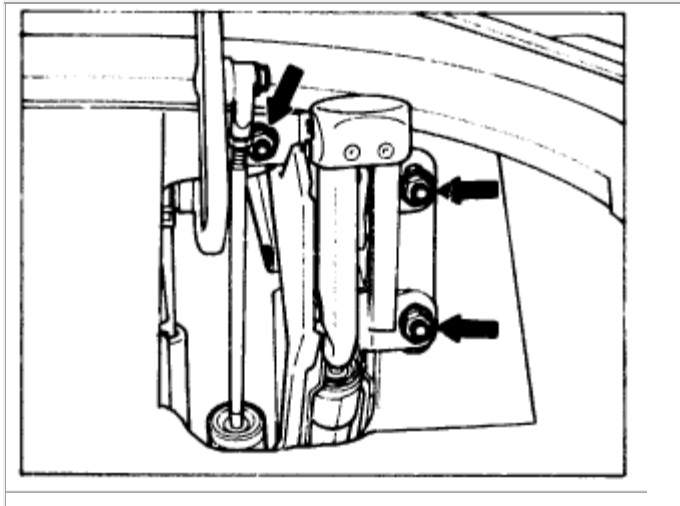


- 12 Loosen screws and adjust locking pins so that they fit into the lock receptacles without hitting in the center (width of vehicle) and rear areas (longitudinal vehicle direction).



Position of locking pins

- 13 Tighten screws.
- 14 Mark position of catches at rear with felt tip pen.

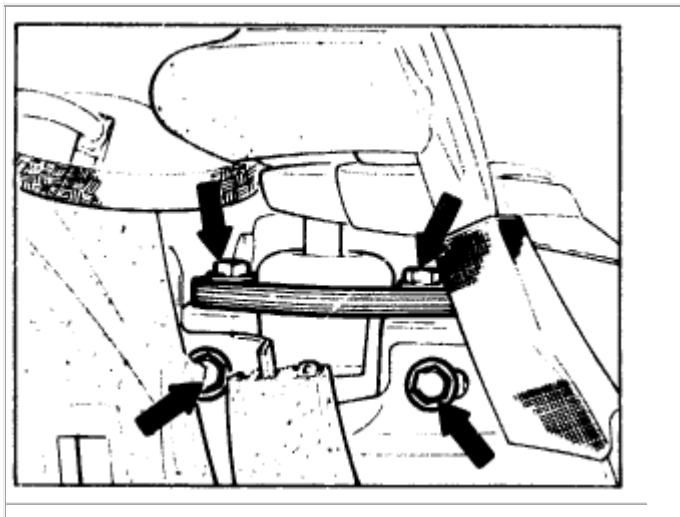


- 15 Loosen nuts (arrows) and adjust catches downward or upward so that a gap of **6.5 mm** is present when the coupe roof is locked.

NOTE: If the proper gap dimension cannot be adjusted with the catches, spacers can be installed or removed on the locking pins.

C. Adjustment of mount for pins for coupe roof on center pillars on left and right

- 16 Adjust mounts for pins with spacers so that the spacers can still be moved with light pressure with the coupe roof locked.

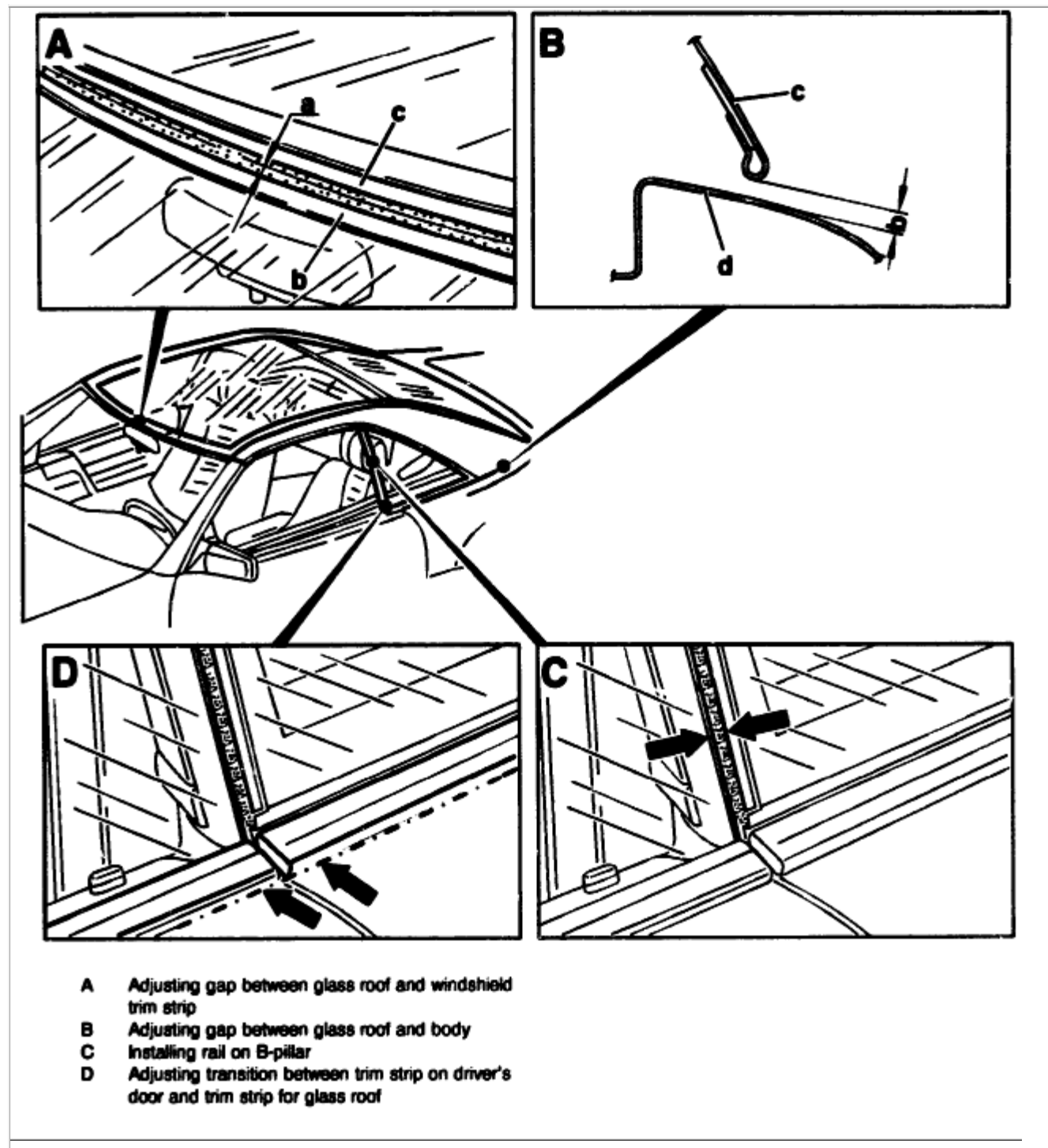


- 17 Tighten screws (arrows).

NOTE: Coupe roof must not be twisted.

- 18 Check for proper function (lock and unlock coupe roof a number of times).
 19 Install covering above center pillars.

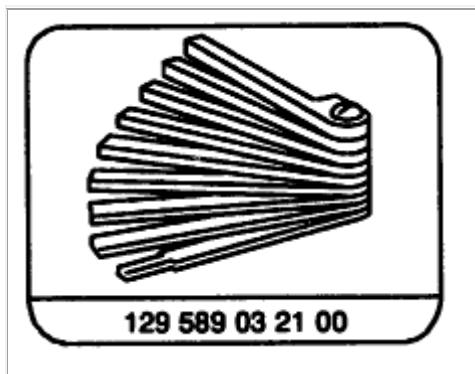
Adjusting Glass Roof



NOTE: Glass roofs offered as special equipment must be adapted to the body when first installed. This adjustment work must be performed in the following sequence.

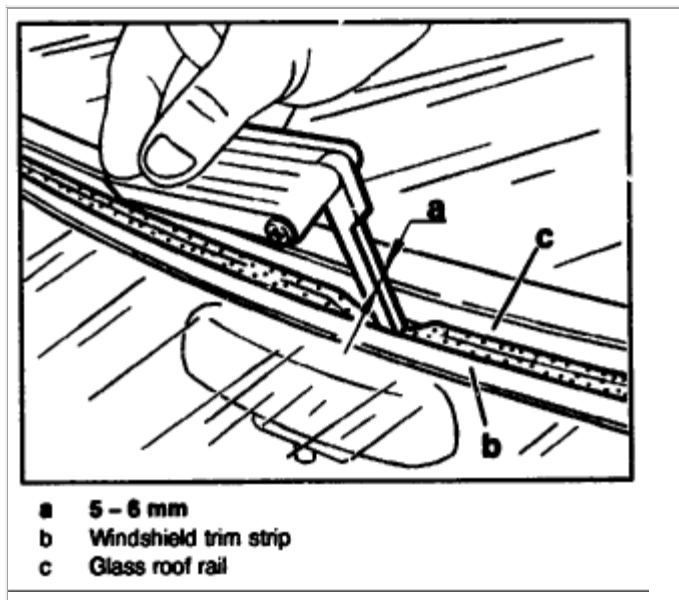
Under certain circumstances the position of the side windows and receptacles for the pins on the B-pillar must be changed. This means that it is necessary to check the adjustment of the [soft top](#) and correct, if necessary.

For customers who already have a hard top, we do not recommend alternate use of the glass roof and hard top for this reason.



Special tools

A. Adjusting gap between glass roof and windshield trim strip

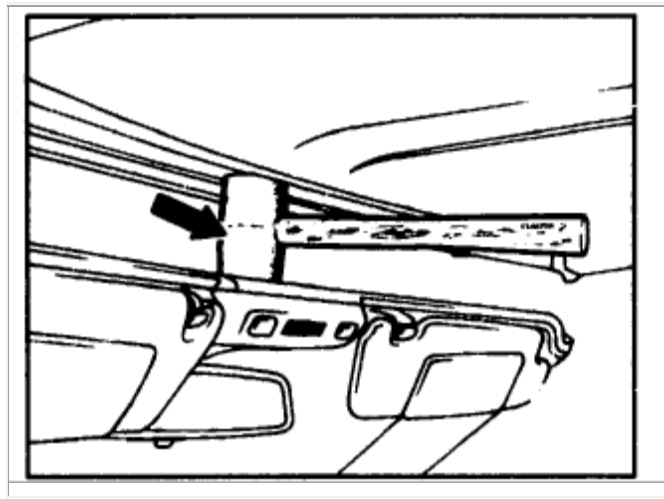


- 1 Check gap A with special tool 129 589 03 21 00.
NOTE: Check gap in area of locking pins.

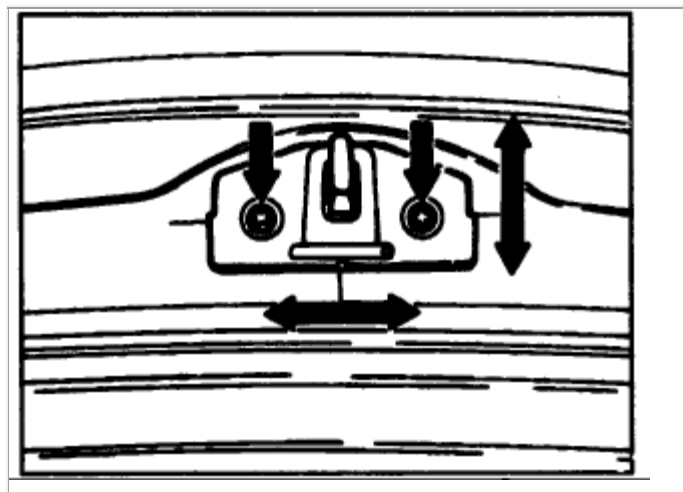
NOTE: Do not damage gasket

NOTE: The gap should not be smaller than **5 mm** , because otherwise the closing forces at the front locks would be too high. If locking and unlocking is negatively effected by exceptionally high closing forces, spacer plates can be installed below the locking pins.

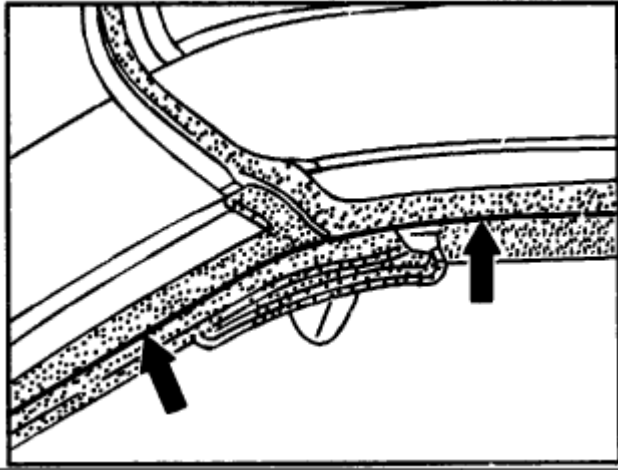
Adjustment



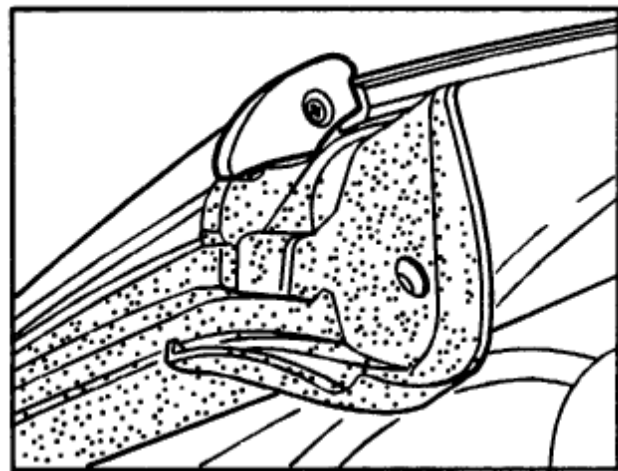
- 2 Unlock glass roof, lift at front and support (e.g. with rubber hammer).
- 3 Mark position of locking pins with felt tip pen.



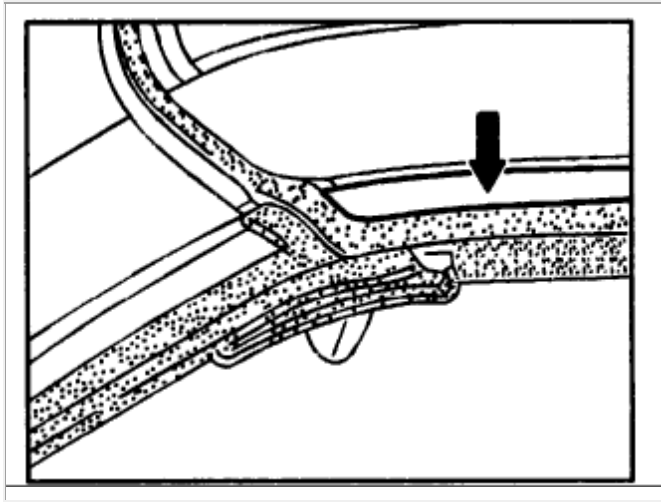
- 4 Loosen screws and adjust gap by moving locking pins toward rear (to reduce gap) or toward front (to increase gap).
- 5 Tighten screws.
- 6 Lock glass roof.



- 7 Check transition between A-pillar and corner of glass roof, correct, if necessary, by moving locking pins to side.



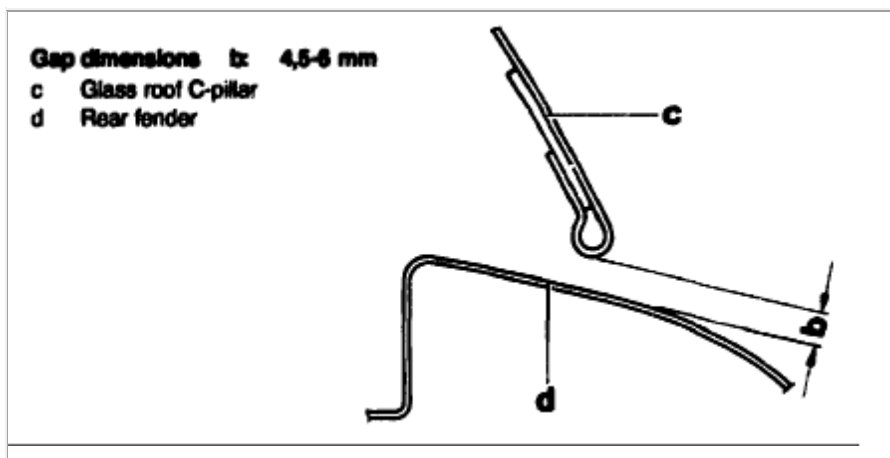
Gasket on A-pillar



Rail on glass roof

NOTE: If adjustment of the locking pins is not sufficient the transition can be improved by slightly correcting the gasket on the A-pillar or the rail on the glass roof.

B. Adjusting gap between glass roof and body

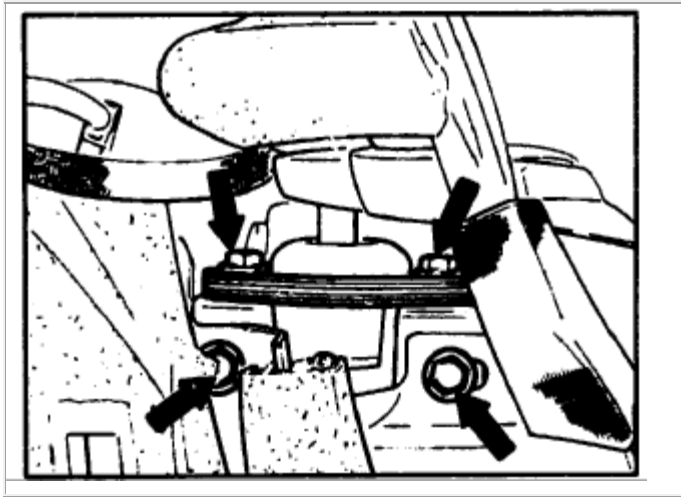


8 Check gap b in relation to body with special tool 129 589 03 21 00.

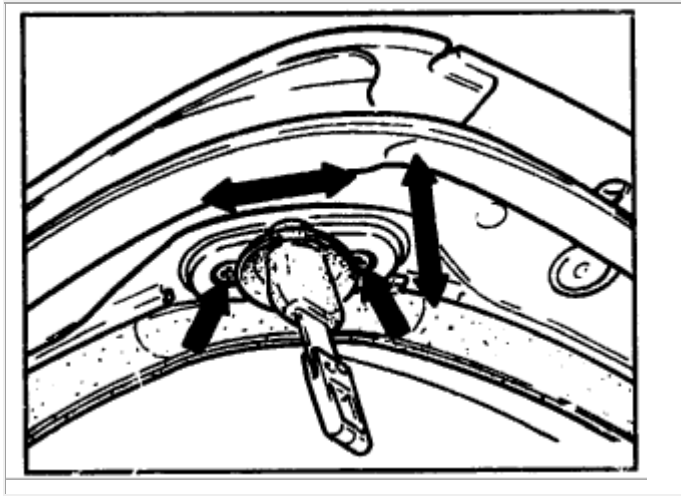
NOTE: Check gap at center of C-pillar.

Adjustment

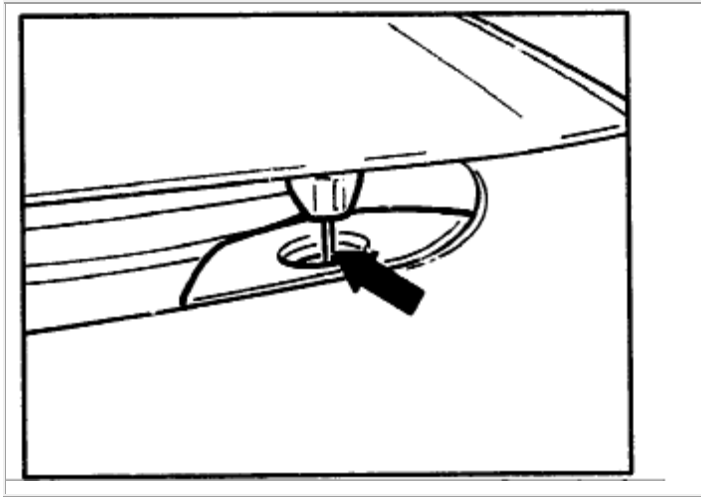
- 9 Remove glass roof.
- 10 Remove paneling above B-pillar.



- 11 Loosen screws for glass roof pin receptacle on left and right on center column and remove or install spacer plates as required (press paneling slightly to side).
NOTE: When the glass roof is locked it should still be possible to move the spacer plates with slight pressure. Tighten screws for glass roof pin receptacles only after completing work listed under "C".
- 12 Mark position of locking pins on glass roof with felt tip pen.

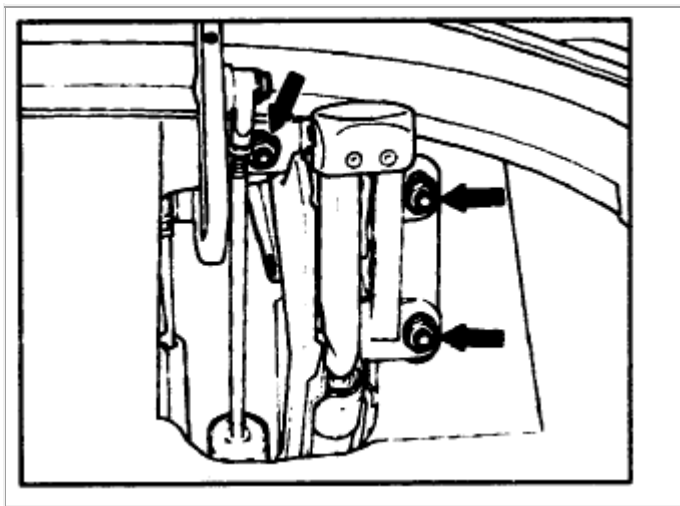


- 13 Loosen screws and move locking pins to adjust so that they enter in the **center** of the locking funnel.

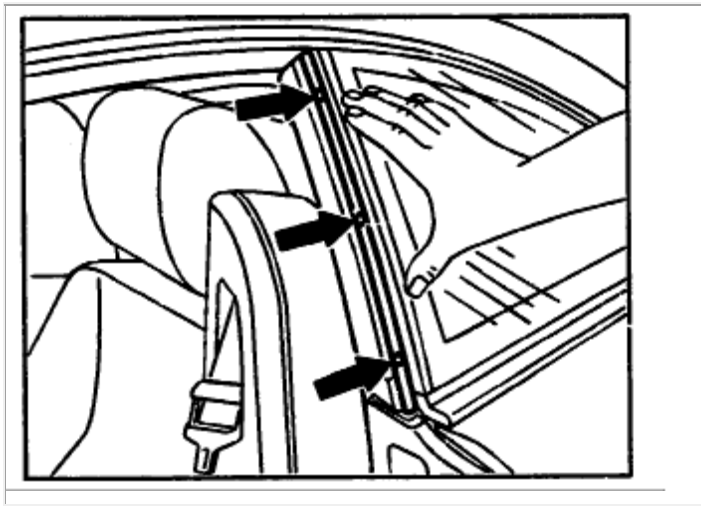


Position of locking pins

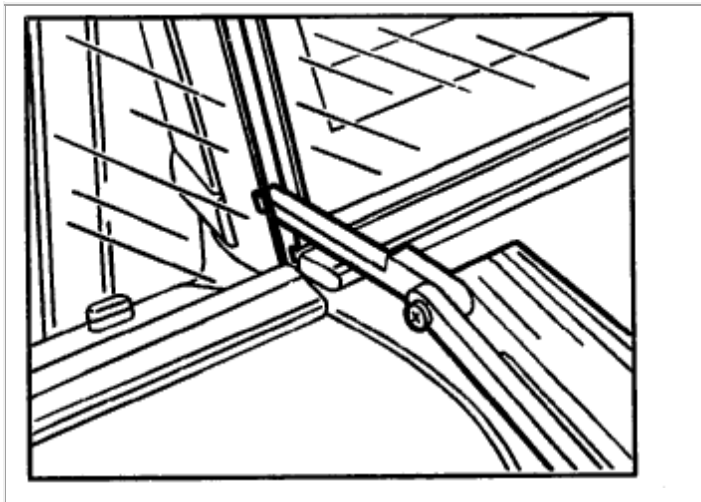
- 14 Tighten screws.
- 15 Mark position of rear locks with felt tip pen.



- 16 Loosen nuts and move locks up or down to obtain a gap **b** of **4.5-6 mm** with the glass roof locked.
- C. Installing rail on B-pillar

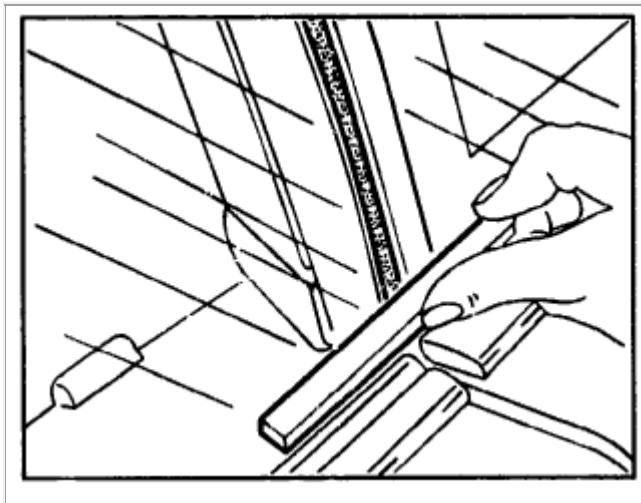
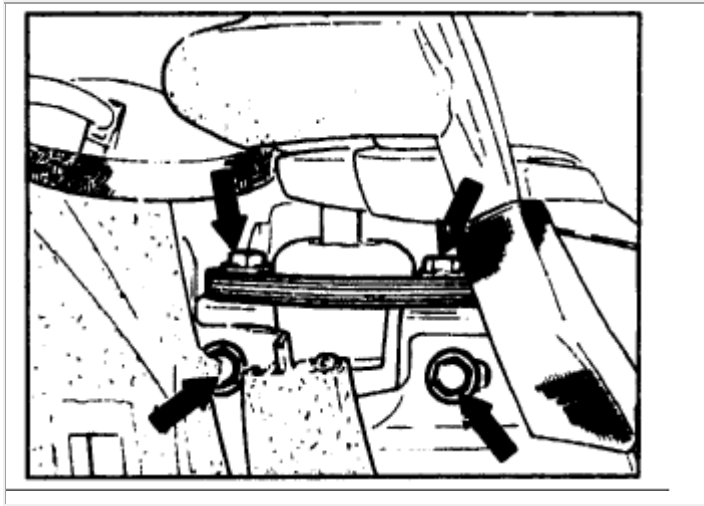


- 17 Open door.
- 18 Position rail on B-pillar, roll up side window and close door.
- 19 Align rail in relation to side window.



- 20 Measure gap of **5-6 mm** between window and rail at bottom and top with special tool 129 589 03 21 00.
- 21 Mark mounting holes on B-pillar, open door and remove rail.
- 22 Drill mounting holes for rail on B-pillar with **2 mm** dia. bit.
- 23 Screw on rail, close door, check gap, correct if necessary and install gasket in rail.

NOTE: Moisten gasket with lubricating fluid, part number 000 989 03 67.



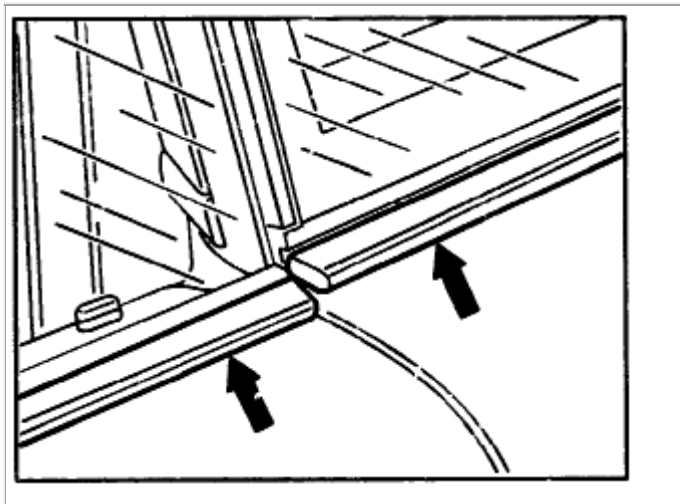
Transition between side window and rail on B-pillar

- 24 Check transition between side window and rail, if necessary correct by aligning receptacle for glass roof pin on B-pillar.

NOTE: The side window and rail must be flush(密接的).

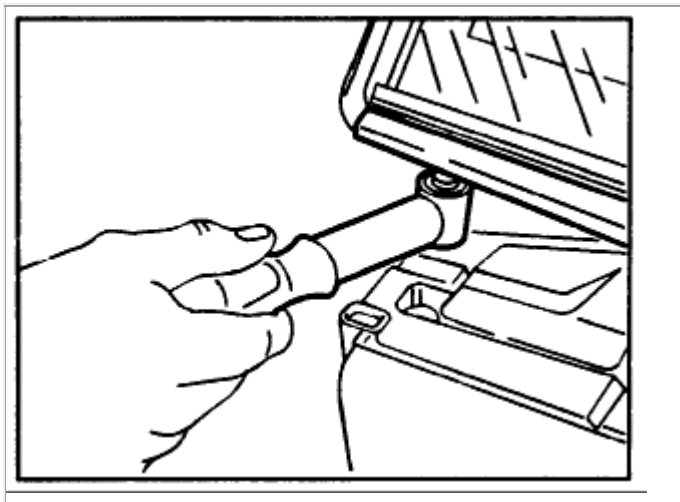
- 25 Tighten screws for glass roof pin receptacle on B-pillar.
- 26 Install paneling on top of B-pillar.

- D. Adjusting transition between trim strip on driver's door and trim strip for glass roof



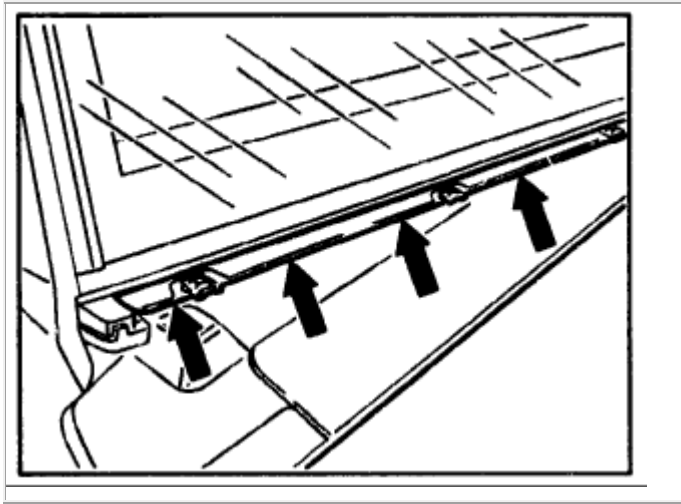
Transition between trim strip on driver's door and glass roof trim strip

- 27 Check transition between trim strip on driver's door and glass roof trim strip, correct flange on glass roof, if necessary.



Correcting flange on glass roof

- 28 Remove trim strip on glass roof (e.g. with right angle ratchet 棘輪).
NOTE: Do not remove glass roof. Prop up glass roof on windshield to allow sufficient space for removing trim strip.



- 29 Bend flange on glass roof downward.
- 30 Install trim strip and lock glass roof.
- 31 Check side window for proper seal against glass roof at top.

NOTE: When the adjustment of the window is changed it is also necessary to check the adjustment of the [soft top](#) afterward, If necessary correct and perform rain test.

- 32 Check for proper function (lock and unlock glass roof a number of times).
- 33 Perform rain test.