

**Data**

Permissible leaks in vacuum elements

20 mbar/min at 300 mbar vacuum

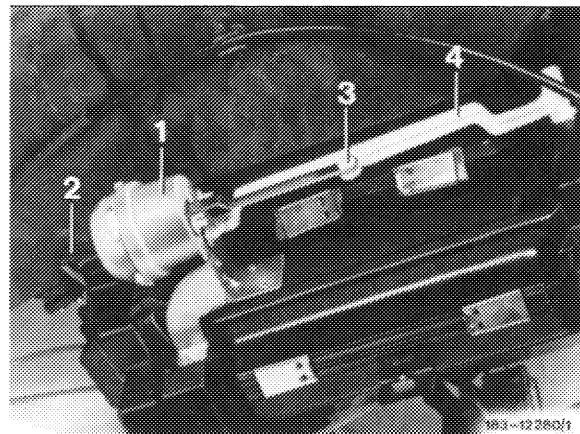
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**a) Vacuum elements for leg room flap**

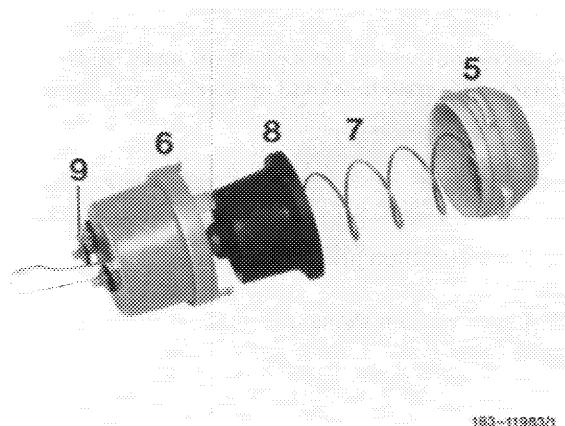
**Removal**

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- 1 Remove cover at right under instrument panel.
- 2 Pull vacuum line (2) from vacuum element (1).
- 3 Remove clip (3) from connecting rod (4).



- 4 Carefully remove housing upper half (5) from housing lower half (6) and take out spring (7) and sleeve (8).
- 5 If housing upper half (5) or sleeve (8) are damaged, remove parts from new vacuum element and install.
- 6 If housing lower half (6) is damaged, remove fuses (9).



**Installation**

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- 7 When installing a new vacuum element, always use new fuses (9) with rubber washers.
- 8 Check vacuum element for function and leaks.

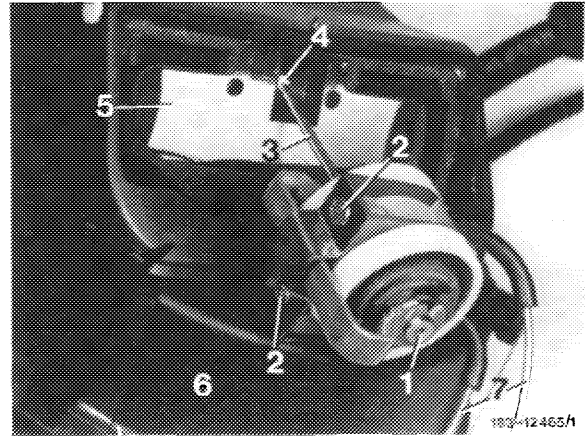
## b) Vacuum element for recirculating air flap

### Removal

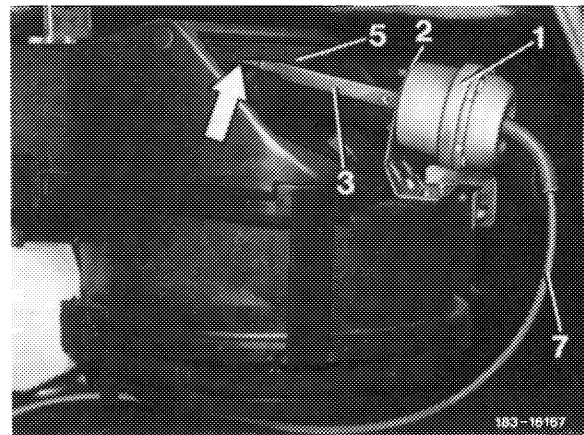
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- 1 Remove glove box.
- 2 Pull vacuum lines (7) from vacuum element (1), paying attention to color code.

1st version



2nd version



- 3 Separate connecting rod (3) from clip (4), arrow.
- 4 Screw-out screws (2) and lift off locks (2) by means of a screwdriver and remove vacuum element.

### Installation

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- 5 For installation proceed vice versa.
- 6 Check vacuum element for correct function and leaks.

c) Vacuum element for defroster nozzle flap

**Removal**

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- 1 Remove cover left under instrument panel.
- 2 Pull vacuum line from vacuum element (23).
- 3 Remove clamp (63) and remove locks (64) by means of a screwdriver.

**Installation**

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- 4 Fasten vacuum element (23) on holder of air-conditioner housing with locks (64) and rubber disks.
- 5 Mount vacuum line and actuating rod by means of clamp (63). Check vacuum element (23) and defroster nozzle flaps for function and leaks.
- 6 Install cover left under instrument panel.

