

## 42-035 Checking warning device in expansion tank

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### Data

Length of contact insert (Teves expansion tank)	Remark
42 mm	Valid for rear chamber (rear axle brake circuit) from begin of production up to March 1974
58 mm	For 3-chamber expansion tank for front and rear axle brake circuit starting March 1974

### Note

The warning lamp in instrument cluster is a combination lamp, that is, it will light up when;

- a) the parking brake is actuated,
- b) brake fluid level in one of the chambers in expansion tank is too low,
- c) on brake cylinders with a pressure difference warning indicator (DDW) if the pressure difference between the two brake circuits exceeds  $12.5 \pm 2.5$  bar gauge pressure.

### Checkup

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#### Teves expansion tank with 2 contact inserts.

1 Open bleed screw on a caliper of the front wheel brake and pump off brake fluid into a vessel by means of a bleed hose. While pumping (with ignition switched on and parking brake released) pay attention to the warning lamp in instrument cluster lighting up. The warning lamp should light up when the fluid level is approx. 6 mm below the minimum mark in expansion tank.

Do not pump chamber of expansion tank completely empty, since this would require bleeding the entire brake circuit.

2 Replenish brake fluid in the expansion tank; use fresh brake fluid only.



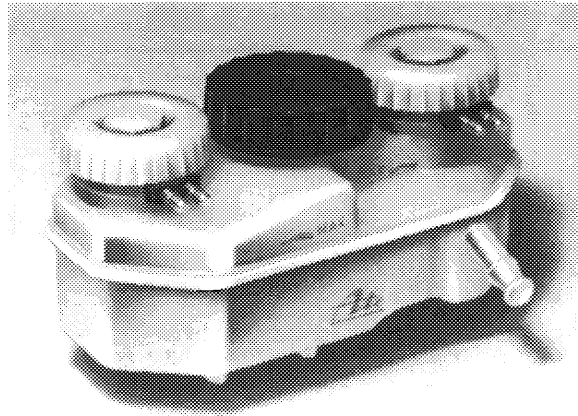
Teves expansion tank (2 chambers)

142-8653

3 Checking warning device of rear axle brake circuit (refer to item 1).

**Note:** From begin of production up to March 1974 the contact insert in the rear chamber of the expansion tank was 16 mm shorter than the contact in the front chamber. In the event of a leak in pushrod circuit, the warning device would respond much earlier.

Teves expansion tank (3 chambers)

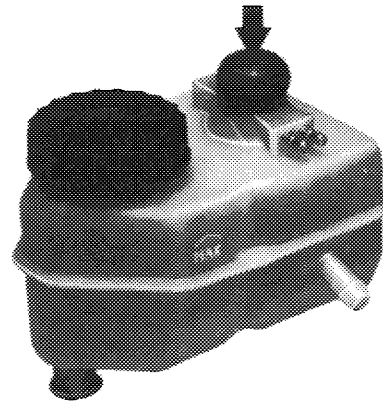


142-8513

### Teves expansion tank with 1 contact insert

**Note:** The expansion tank with 1 contact insert is installed only in vehicles with a stepped tandem main cylinder.

4 Push rubber cap down in direction of arrow. This will close the contact and the warning lamp will light up. The contact insert cannot be removed.

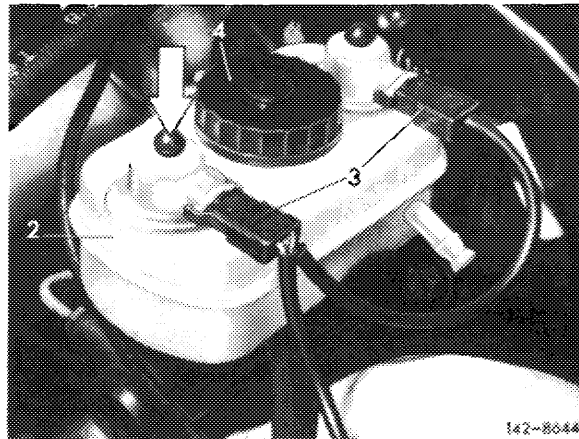


142-10792

### Bendix expansion tank

5 Push both rubber caps down one after the other in direction of arrow. This will close the contact and the warning lamp will light up.

**Note:** The contact inserts in Bendix expansion tank cannot be removed.

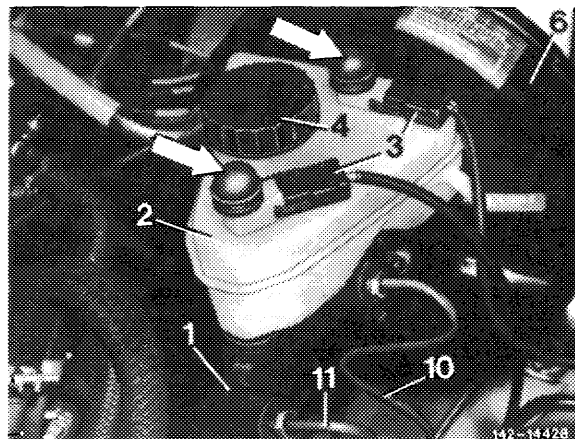


142-8684

### Larger expansion tank starting October 1978 and (USA) 1978

6 Push both contacts (refer to arrow) downwards one after the other. Contact will close and warning lamp should light up.

**Note:** Contact inserts cannot be removed.



142-14423