

## 32–615 Removal and installation of pressure reservoir for front axle

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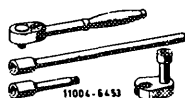
Tightening torques		Nm
Pressure line to pressure reservoir	M 10 x 1	11
	M 14 x 1.5	30
Attachment of pressure reservoir to front end		20

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### Special tool

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Open box wrench element 11 mm 1/4" square, complete with change-over ratchet and two extensions for pressure oil lines



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### Conventional tool

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Open double box wrench 10 x 11 mm

e.g. Hazet, Remscheid,  
order no. 612

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### Note

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When the vehicle is jacked up, the resulting reduction of the wheel load will move the levers of the level controller automatically into the "emptying" position; the suspension elements of the respective axle will become pressureless. However, the central reservoir must be full. If required, fill central reservoir (normal filling time of empty central reservoir approx. 30 s at 2500/min of engine).

If the pressure in the central reservoir is too low, the check valves in the level controllers will be activated. As a result, and in spite of the load reduction on wheels and with the level controller in position "emptying", the pressure in the suspension elements will be maintained. If the central reservoir cannot be filled, discharge pressure in suspension elements by carefully opening the vent screw (32–600).

Replace self-locking hex. nuts on principle!

## Removal

1 Move puller for adjusting switch of valve unit into position N = "normal level" (switch on instrument panel depressed).

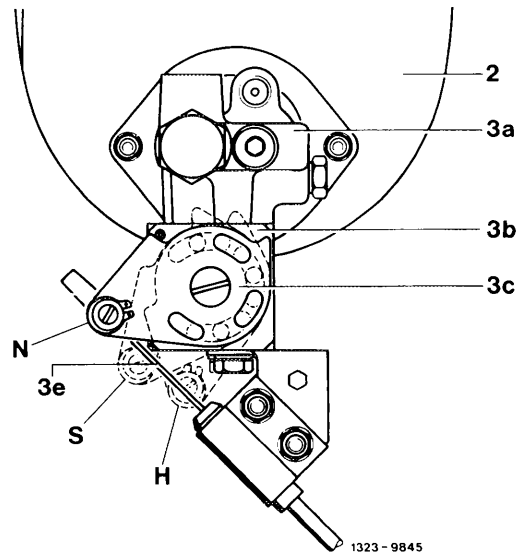
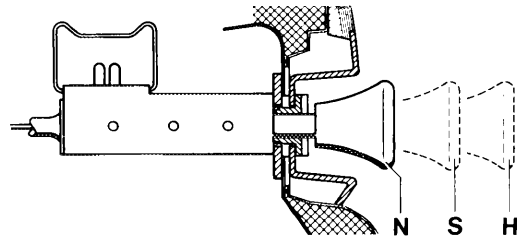
2 Jack up vehicle at front.

- 2 Oil supply tank
- 3a Pressure regulator of valve unit
- 3b Adjusting switch of valve unit
- 3c Control disk
- 3e Puller for adjusting switch

Positions of adjusting switch:

- N = normal level  
switch pushed down or control disk against stop at front
- S = detent position  
switch locked in center position or control disk pulled into 1st detent
- H = higher level  
switch fully pulled or control disk pulled into 2nd detent

Note: In positions "H" and "S" warning lamp at right in instrument cluster is lighting up (red with vehicle symbol).



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## Removing left pressure reservoir

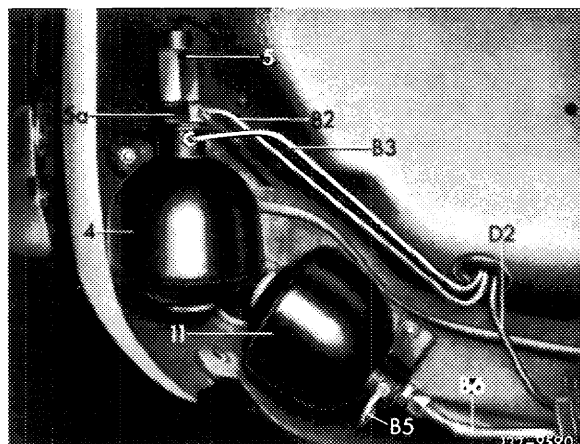
3 Remove left front wheel.

4 Disconnect pressure lines (B5 and B6) on pressure reservoir (11).

5 Loosen pressure reservoir from front end and remove.

Model 116.036

- 4 Central reservoir
- 5 Electric pressure switch for warning lamp
- 5a Ring fitting
- 11 Pressure reservoir for front axle left
- B2 Pressure line pressure regulator on valve unit-central reservoir
- B3 Pressure line central reservoir – adjusting switch of valve unit
- B5 Pressure line level controller – pressure reservoir
- B6 Pressure line pressure reservoir – tube shock
- D2 Return line for leak oil of tube shock

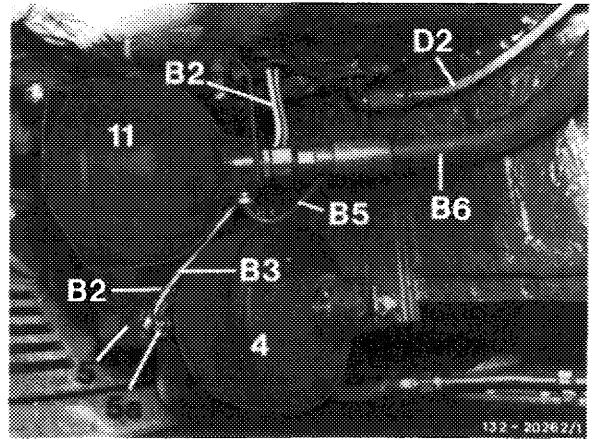


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**Note:** Remove required components in range of left engine compartment as required.

Models 126.033; 126.037

- 4 Central reservoir
- 5 Electric pressure switch for warning lamp
- 5a Ring fitting
- 11 Pressure reservoir for front axle left
- B2 Pressure line pressure regulator of valve unit-central reservoir
- B3 Pressure line central reservoir – adjusting switch of valve unit
- B5 Pressure line level controller – pressure reservoir
- B6 Pressure line pressure reservoir – tube shock
- D2 Return line for leak oil of tube shock



### Installing left pressure reservoir

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- 6 Insert pressure reservoir and fasten to front end.
- 7 Connect pressure lines (B5 and B6) to pressure reservoir (11).
- 8 Mount left front wheel.

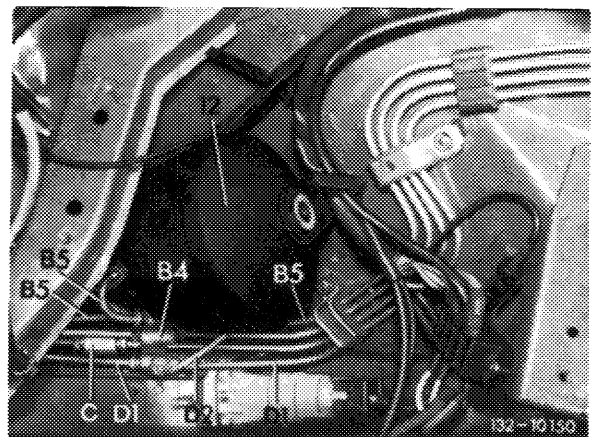
### Removing right pressure reservoir

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- 9 Remove battery and battery frame on model 116.036.
- 10 Unscrew pressure lines (B5 and B6) on pressure reservoir (12).
- 11 Loosen pressure reservoir (12) on front end and remove.

Model 116.036

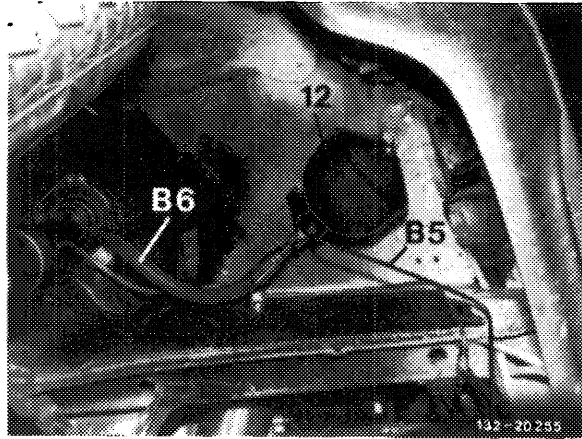
- 12 Right pressure reservoir for front axle
- B5 Pressure line level controller – pressure reservoir



**Note:** Remove required components in range of right engine compartment as required.

Models 126.033; 126.037

- 12 Right pressure reservoir for front axle
- B5 Pressure line level controller – pressure reservoir
- B6 Pressure line pressure reservoir – tube shock



### **Installing right pressure reservoir**

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- 12 Install pressure reservoir and attach to front end.
- 13 Connect pressure lines (B5 and B6) to pressure reservoir.
- 14 Install battery and battery frame on model 116.036.
- 15 Lower vehicle, while paying attention to low ground clearance.
- 16 Check oil level in suspension system and correct (32–600).