



32–607 Checking and renewing suspension of tube shock for front axle

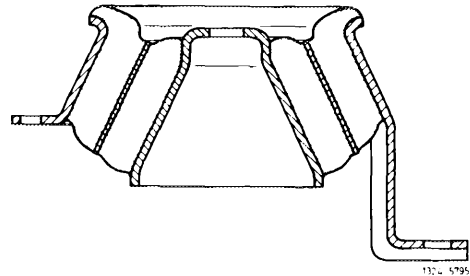
Tightening torques	Nm
Hex. bolt for rubber mount of upper suspension of tube shock for front axle	25
Ball joint of lower suspension to tube shock	30

Special tools

Open end wrench 22 mm for ball joint on tube shock		116 589 03 01 00
Slot nut wrench for holding stop pot during assembly of ball joint on tube shock		116 589 11 07 00

Checking upper suspension

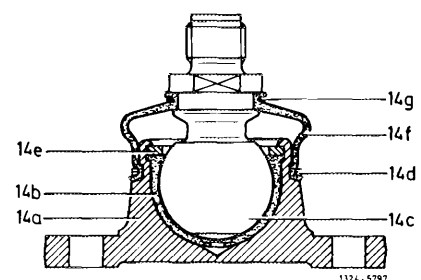
Check inner and outer bushing for firm connection with rubber jacket.



Checking lower suspension

Moving ball joint to-and-fro should be possible without play, but also without binding and without rattling noises, but note that the release torque is higher than the torque required for moving the bolt. Ball joints with defective sleeves should be replaced on principle.

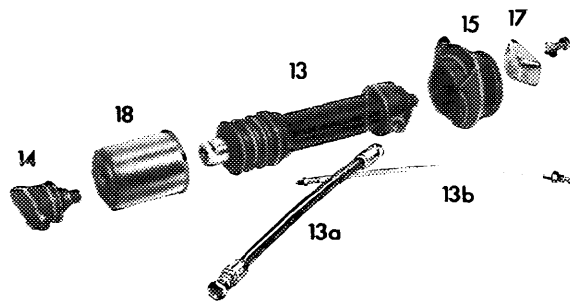
- 14a Housing
- 14b Ball socket
- 14c Ball pin



Replacing upper suspension

1 Carefully clamp tube shock with upper closing cap into a vise using light-alloy jaws.

2 Loosen hex. bolt, remove deflection stop (17) and rubber mount (15).



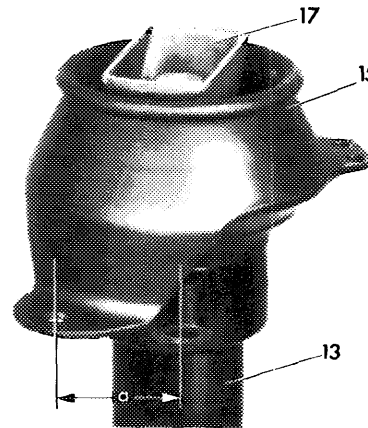
- 13 Tube shock
- 14 Ball joint
- 18 Stop pot

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3 Position new rubber mount with reference to different location of rubber mount in relation to lefthand or righthand tube shock. Install rubber mount as well as deflection stop on tube shock as shown at the right.

Layout of rubber mount and deflection stop on the left tube shock for front axle

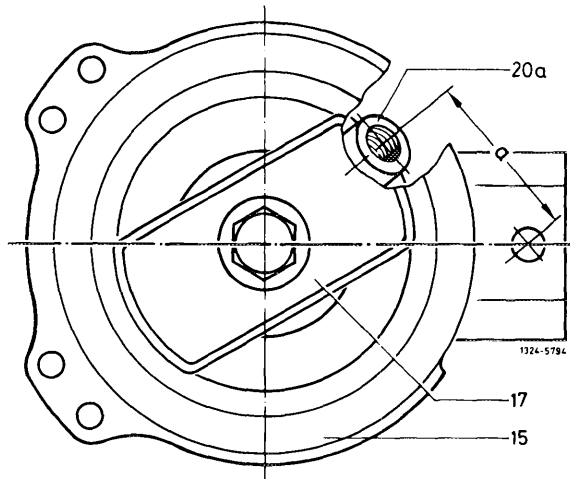
- 13 Left tube shock for front axle
- 15 Rubber mount
- 17 Deflection stop
- a Distance approx. 47 mm



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Layout of rubber mount and deflection stop on the left tube shock for front axle

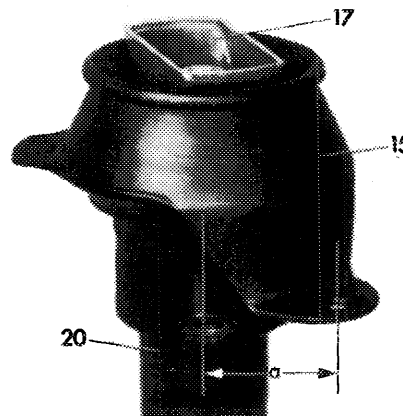
- 15 Rubber mount
- 17 Deflection stop
- 20a Connection for high-pressure expanding hose (B6)
- a Distance approx. 47 mm



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Layout of rubber mount and deflection stop on the right tube shock for front axle

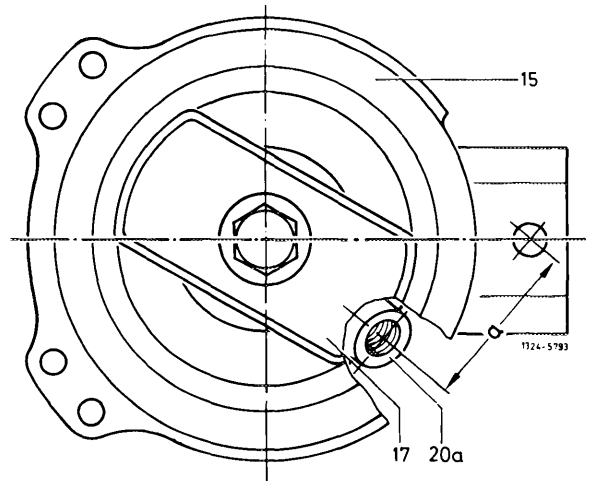
- 15 Rubber mount
- 17 Deflection stop
- 20 Right tube shock for front axle
- a Distance approx. 47 mm



132-9910

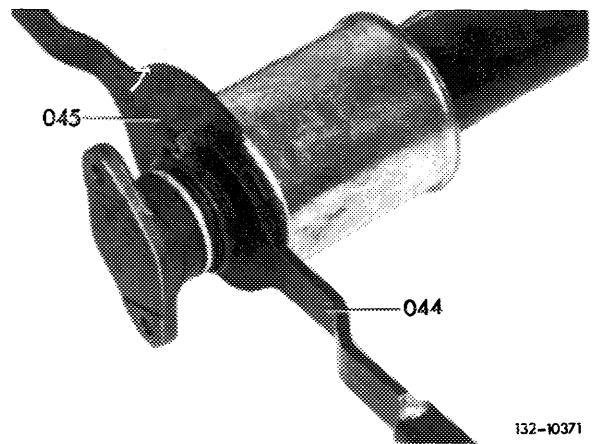
Layout of rubber mount and deflection stop on the right tube shock for front axle

- 15 Rubber mount
- 17 Deflection stop
- 20a Connection for high-pressure expanding hose (B6)
- a Distance approx. 47 mm



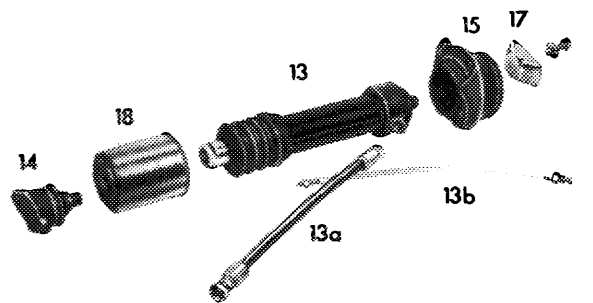
Replacing lower suspension

4 Apply counterhold at stop pot by means of slot nut wrench and unscrew ball pin of joint by means of open end wrench.



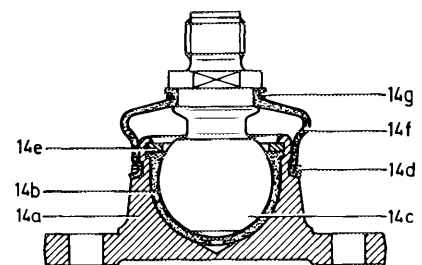
- 044 Open end wrench
- 045 Slot nut wrench

5 Remove stop pot, check stop pot and stop buffer.



- 13 Tube shock
- 14 Ball joint
- 15 Rubber mount
- 16 Deflection stop
- 18 Stop pot

6 Mount stop pot, install new joint.



- 14a Housing
- 14b Ball shell
- 14c Ball pin