

Data

Permissible leak oil volume of one tube shock with vehicle ready to drive

following an inoperative period of 4 hours
2 cc

(Adjusting switch in position S = "detent position")

following an inoperative period of 12 hours
6 cc

Conventional tool

Graduated flask measuring range 0–100 ml

e.g. Ströhlein, D-7000 Stuttgart 1
order no. 9.274 838

Note

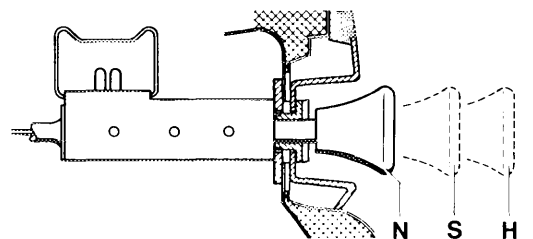
The shock tubes are checked for leaks in installed condition. The checkup is required whenever a creeping pressure loss on an axle between level controller and tube shocks causes level to decrease.

Vehicle must be on its wheels during checkup.

Prior to starting checkup, also check entire suspension system for external leaks.

Checkup

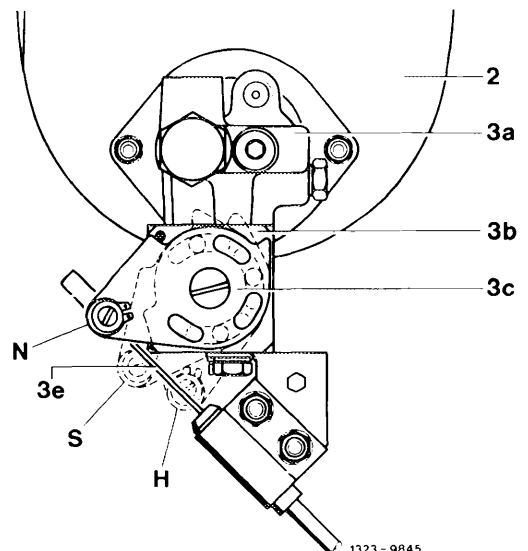
- 1 Move adjusting switch of valve unit into position S = "detent position" (detent in center position).



- 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:

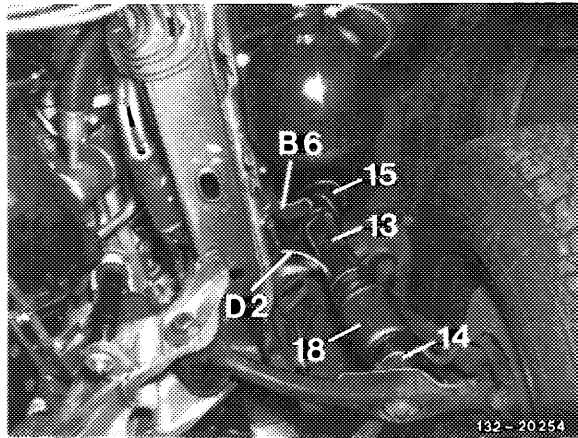
- N = normal level
switch pushed down or control disk against stop at front
- S = detent position
switch locked in center position or control disk pulled into 1st detent
- H = higher level
switch fully pulled or control disk pulled into 2nd detent



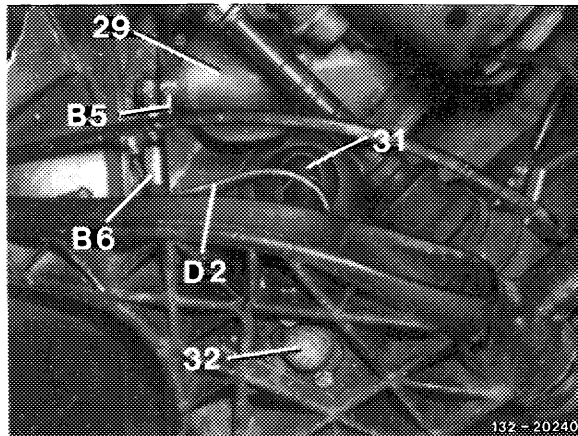
Note: In positions "H" and "S" warning lamp at right in instrument cluster is lighting up (red with vehicle symbol).

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2 Separate return line (D 2) for leak oil of tube shocks at connection plastic hose – steel line (arrow).

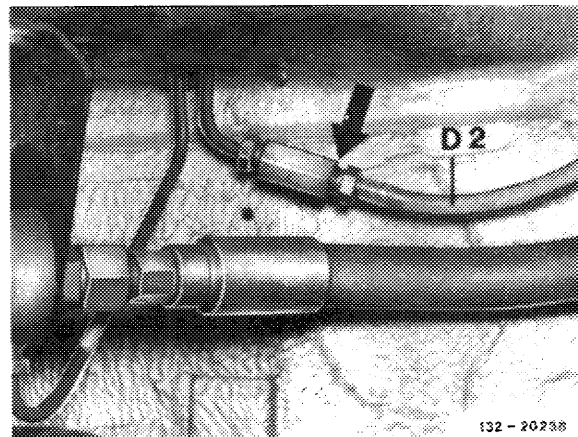


13 Tube shock for front axle
 B 6 Pressure line pressure reservoir – tube shock
 D 2 Return line for leak oil of tube shocks



29 Pressure reservoir
 31 Tube shock for rear axle
 32 Ball joint
 B 5 Pressure line level controller – pressure reservoir
 B 6 Pressure line pressure reservoir – tube shock
 D 2 Return line for leak oil of tube shocks

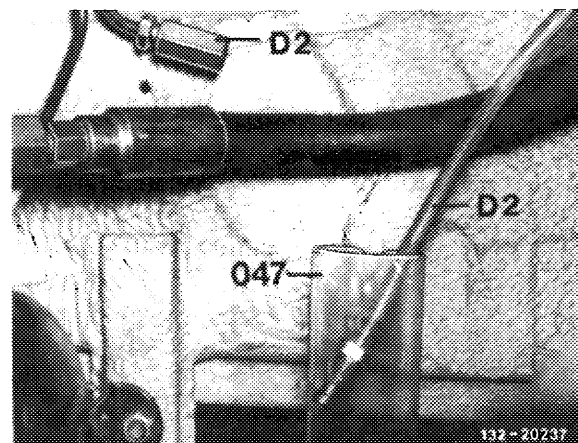
Attention!
 There should be no kinks in hoses or pressure lines!



D 2 Return line for leak oil of tube shocks

3 Insert hoses of leak oil lines into suitable, respective measuring vessel.

4 Measure leak oil quantity after specified stationary period. If leak oil quantity is too high, renew respective tube shock. Connect hoses of leak oil line.



D 2 Return line for leak oil of tube shocks
 047 Graduated flask