

Tightening torques	Nm
Hex. nuts of track rod ball joint	35
Hex. bolts of upper control arm bearing	60
Hex. nuts of cam bolts for lower control arms	120
Hex. nuts of lower shock absorber suspension	20
Self-locking hex. head screw for fastening rpm sensor to steering knuckle	8

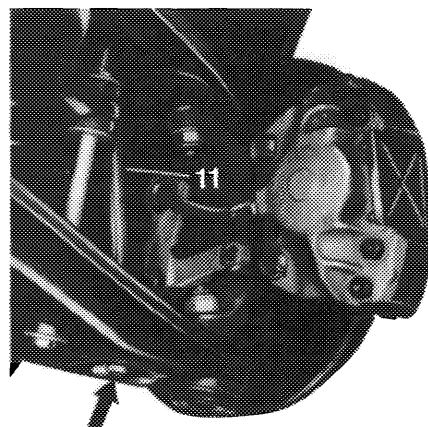
  

Special tool	
Puller for track rod ball joints	124 589 01 33 00

**Note**

The front shock absorbers are serving simultaneously as a deflection stop for the front wheels. Therefore loosen shock absorber suspension only when the vehicle is on its wheels or when the lower control arm is supported.

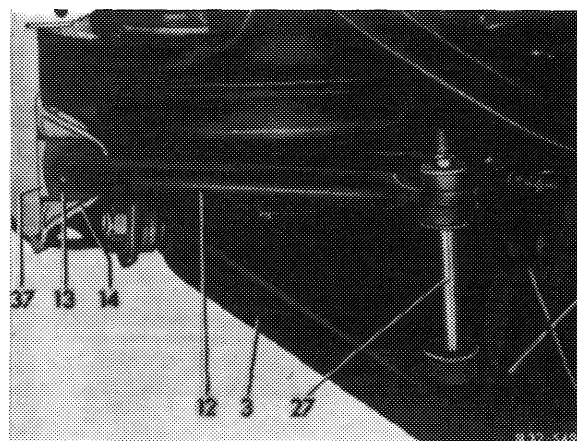
Renew self-locking screws and nuts on principle!



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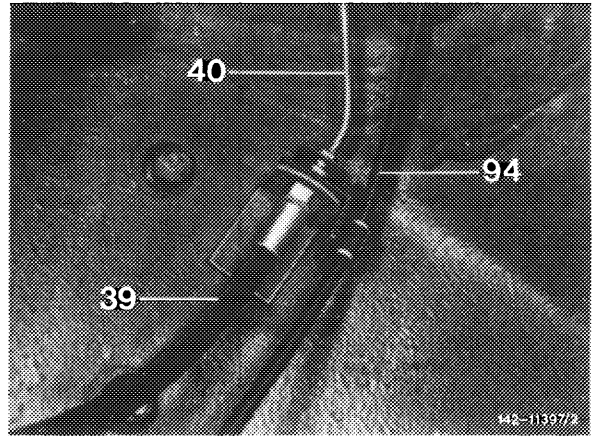
**Removal**

- 1 Loosen lower shock absorber suspension (arrow).
- 2 Jack-up vehicle at the front, remove front wheel.
- 3 Loosen connecting linkage (27) of torsion bar.
- 4 Remove front spring (32–200).

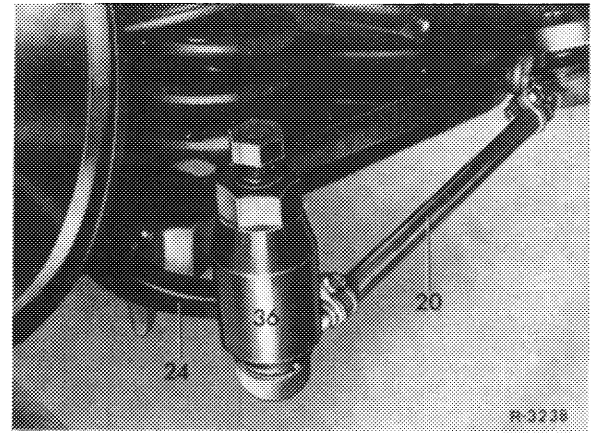


- 3 Lower control arm
- 12 Torsion bar
- 13 Rubber mount for torsion bar
- 14 Holder for rubber mount
- 27 Torsion bar connecting linkage
- 37 Safety plate for rubber mount

5 Separate brake line and brake hose from each other. Close connections with rubber plugs.

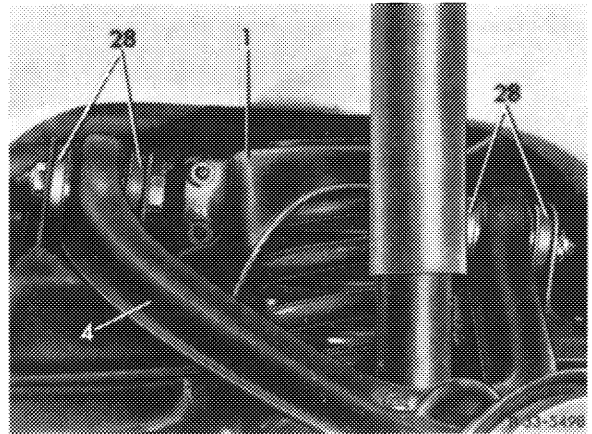


6 Remove track rod from steering knuckle arm.



20 Track rod  
24 Steering knuckle arm  
36 Remover

7 Loosen both hex. bolts of upper control arm bearing.



1 Front axle carrier  
4 Upper control arm  
28 Rubber slide bearing

## Installation

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8 Attach upper control arm to front axle carrier, making sure that the sealing lips of the rubber slide bearings are not damaged.

**The front bolt** of the two hex. bolts is **always** mounted **from the rear forward, the rear bolt from the front rearward.**

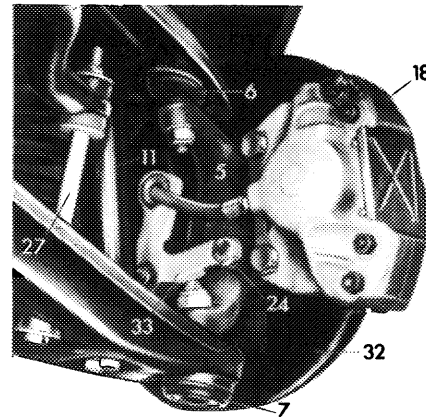
9 Install front spring (32–200).

### Attention!

**Tighten** hex. nut of eccentric bolt for lower control arms **only if the vehicle is resting on its wheels** ready for driving.

10 Mount torsion bar connecting linkage (27) and shock absorber (11) to lower control arm.

11 Mount track rod on steering knuckle arm (24).



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12 Connect brake hose to brake line.

13 Bleed braking system (42–010).

14 Check front axle wheel adjustment and correct, if required (40–320).