

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 tools

Cradle for pit lift	115 589 03 63 00
Intermediate angle piece for pit lift	115 589 02 63 00
Remover for track rod	186 589 10 33 00

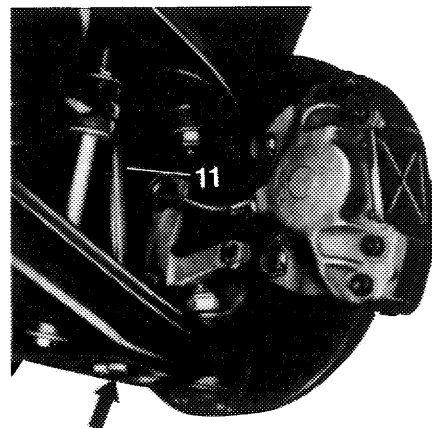
### Note

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!

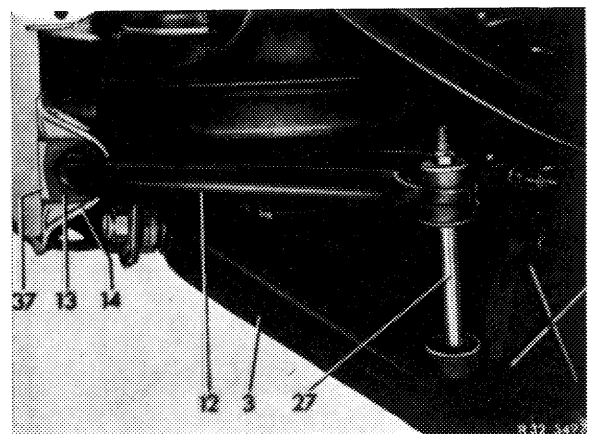
### Removal

- 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).



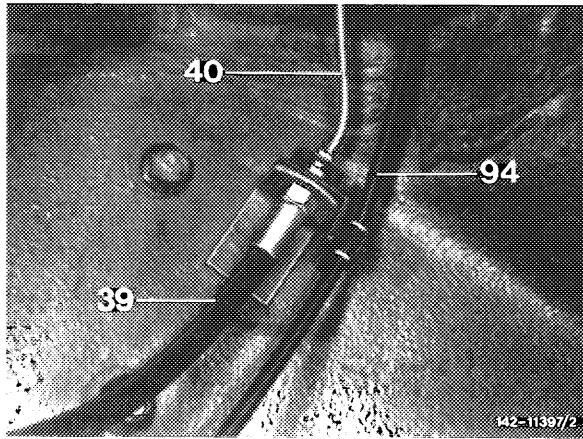
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- 3 Lower control arm
- 12 Torsion bar
- 13 Rubber mount for torsion bar
- 14 Holder for rubber mount
- 27 Torsion bar connecting linkage
- 37 Safety plate for rubber mount

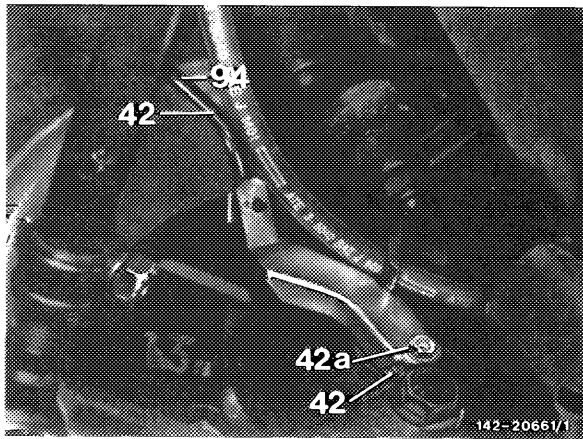


5 Separate brake line and brake hose from each other. Close connections with rubber plugs.

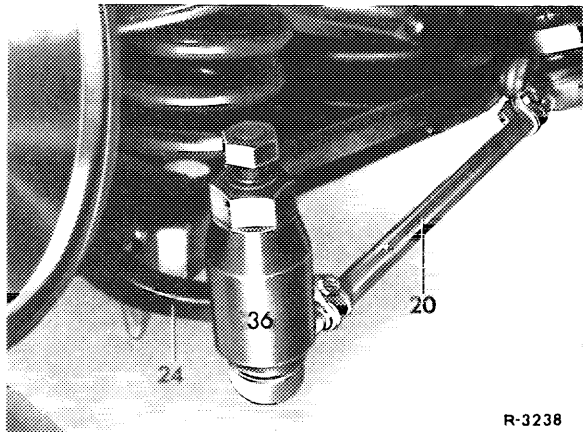
**Note:** On model 107 with brake lining wear indicator pull cables of clip sensor out of plug connection on fixed caliper.



**Note:** On vehicles model 107 with ABS rpm sensor (42) loosen by removing hex. head screw (42a) from steering knuckle (42-712).



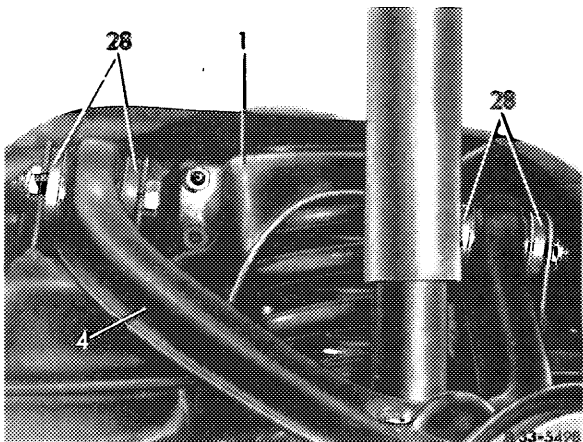
6 Remove track rod from steering knuckle arm.



- 20 Track rod
- 24 Steering knuckle arm
- 36 Remover

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



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

## Installation

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.**

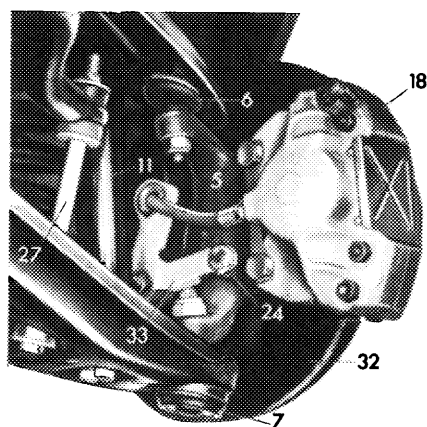
9 Install front spring (32–200).

### 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).

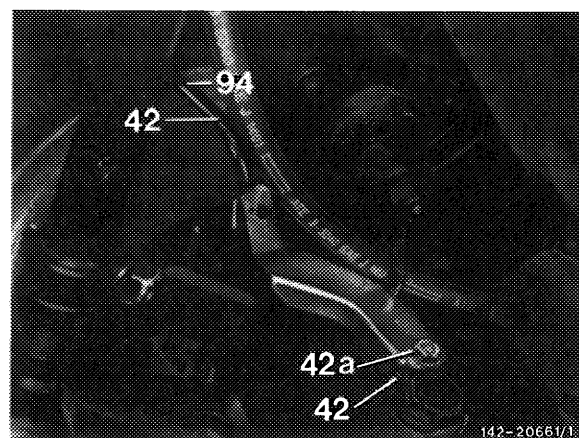


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12 Connect brake hose to brake line. On model 107, mount brake lining wear indicator and rpm sensor for ABS.

### Attention!

Pay attention to uniform piston dia. of fixed calipers.



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13 Bleed braking system (42–010).

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