

## 33-420 Removal and installation of steering knuckle arm

### Data

| Model                                                       | Part no.      | Code no. | Version | Remarks                                          |
|-------------------------------------------------------------|---------------|----------|---------|--------------------------------------------------|
| 114.000, 114.01, 114.02<br>115 1st version                  | 115 332 22 20 | 522      | left    | Install steering<br>knuckle arms<br>in sets only |
|                                                             | 115 332 23 20 | 523      | right   |                                                  |
| 114.06, 114.07<br>114.00, 114.01, 114.02<br>115 2nd version | 115 332 24 20 | 524      | left    |                                                  |
|                                                             | 115 332 25 20 | 525      | right   |                                                  |
| 107                                                         | 107 332 02 20 | 0702     | left    |                                                  |
|                                                             | 107 332 03 20 | 0703     | right   |                                                  |

### Tightening torques

|                                                                         | Nm |
|-------------------------------------------------------------------------|----|
| Hex. head screws for fastening steering knuckle arm to steering knuckle | 80 |
| Hex. nut for fastening track rod to steering knuckle arm                | 35 |

### Special tool

Puller for ball joint of track rod  
on steering knuckle arm



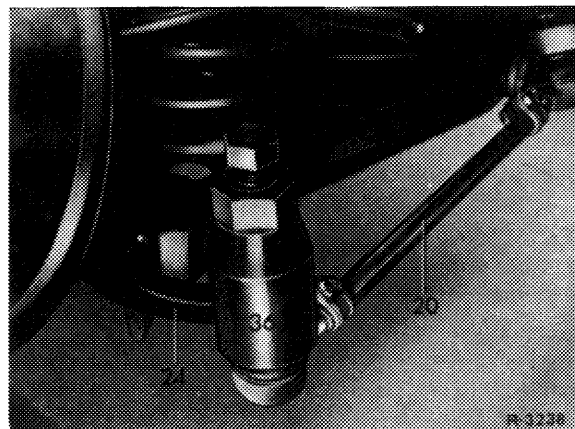
186 589 10 33 00

### Conventional tool

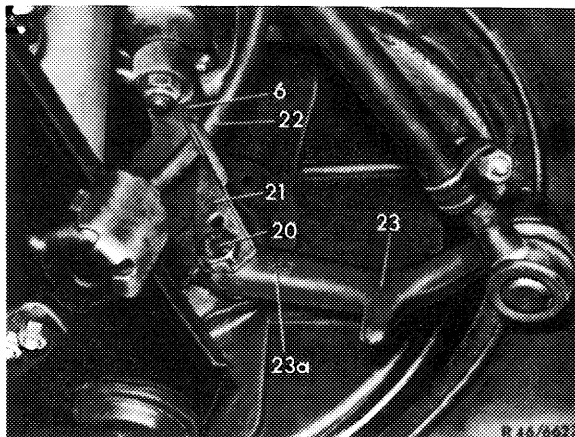
Open double box end wrench 9 x 11  
e.g. Hazet, D-5630 Remscheid  
Order no. 612

### Removal

- 1 Uncotter castle nut of track rod and unscrew castle nut.
- 2 Force ball joint of track rod from steering knuckle arm with puller.

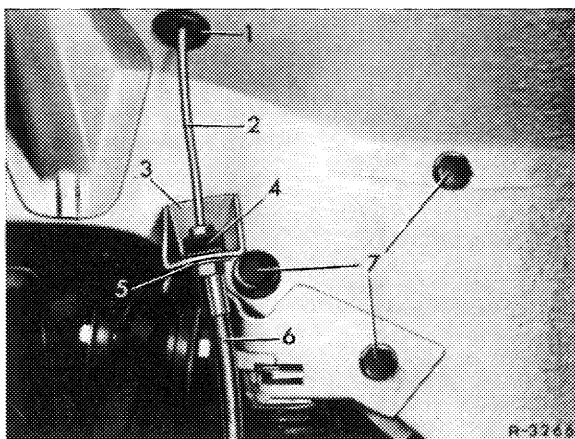


3 Unbend locking plate (21), unscrew hex. head screws (20) and remove steering knuckle arm (23).



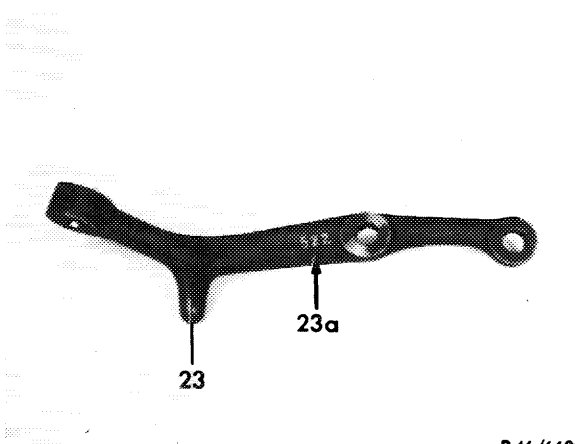
4 Loosen brake hose (6) on holder (3) from brake line (2) and take out of locking plate (5).

For loosening and tightening brake lines, use **conventional double box end wrench** only.



### Checking

The steering knuckle arm cannot be checked with conventional shop equipment. **When in doubt**, particularly following an accident, install **new steering knuckle arms**. Pay attention to correct code number (23a) of steering knuckle arm.

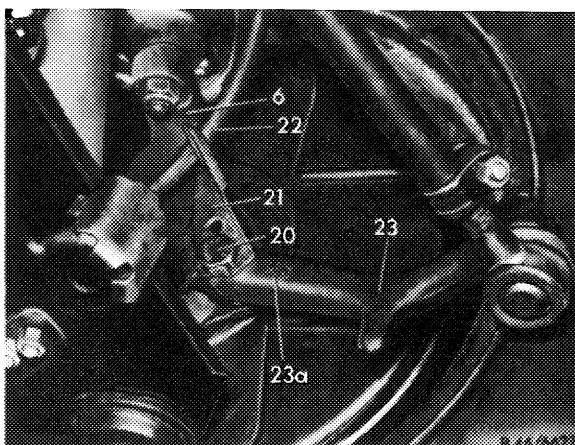


### Installation

6 Fasten steering knuckle arm to steering knuckle (6) using a new holder (21). Tighten hex. head screws (20) to specified torque of 80 Nm and secure.

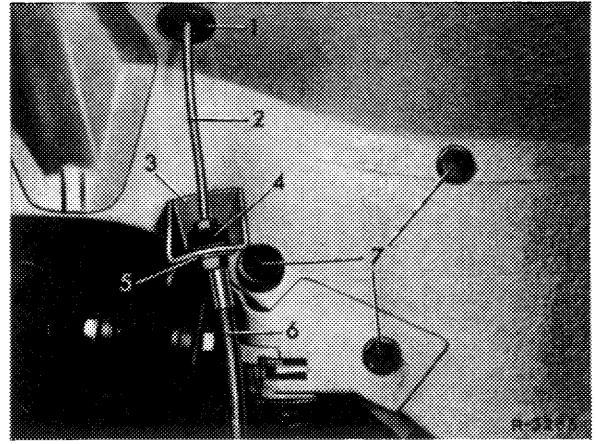
**Note:** On models 114.06 and 114.07 install only steering knuckle arms of second version with code number 524 or 525.

Also install only arms of one version into one and the same vehicle.

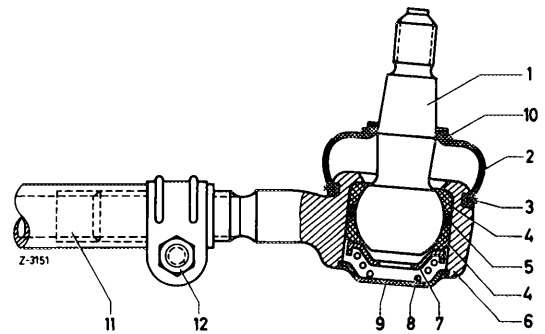


7 Guide brake hose (22) through bore in holder (21).

8 Fasten brake hose (6) to brake line (2). Make sure that the brake hose is inserted into locking plate in holder (3) in such a manner that it cannot wipe anywhere.



9 Check rubber sleeve (2) on ball pin of track rod. If rubber sleeve is damaged, renew ball joint (46–540). Fasten track rod to steering knuckle arm. Tightening torque of castle nut 35 Nm reference value. Cotter castle nut.



10 Bleed brake system (42-010).

11 Check wheel adjustment values on front axle (40–320).