

33-420 Removal and installation of steering knuckle arm

Data

Model	Part no.	Code no.	Version	Remarks
114.000, 114.01, 114.02 115 1st version	115 332 22 20	522	left	Install steering knuckle arms in sets only
	115 332 23 20	523	right	
114.06, 114.07 114.00, 114.01, 114.02 115 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

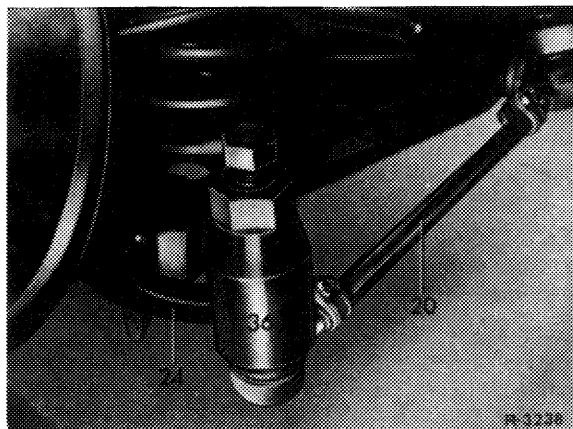
Conventional tool

Open double box end wrench 9 x 11

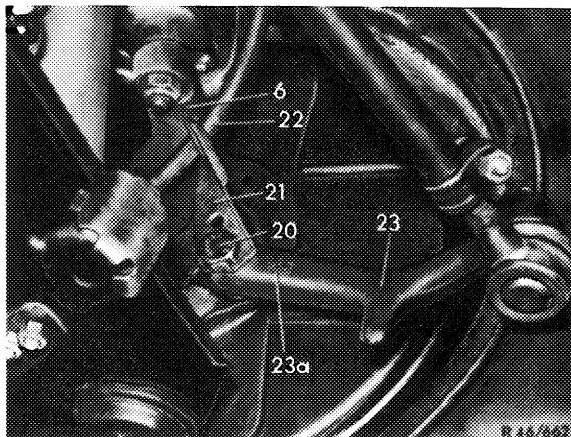
e.g. Hazet, D-5630 Remscheid
Order no. 612

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.

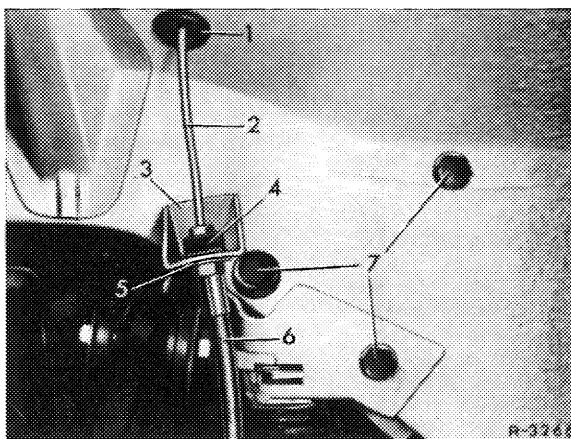


3 Unbend locking plate (21), unscrew hex. head screws (20) and remove steering knuckle arm (23).



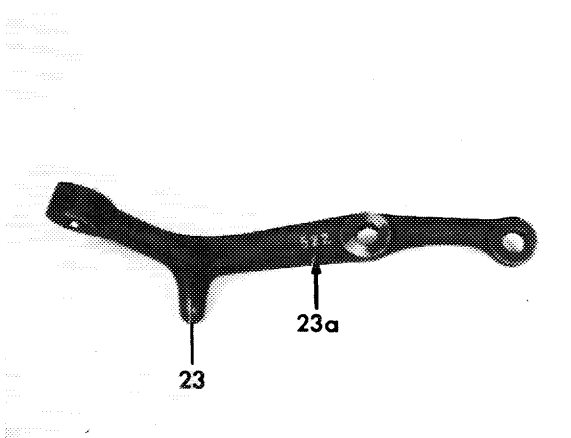
4 Loosen brake hose (6) on holder (3) from brake line (2) and take out of locking plate (5).

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.

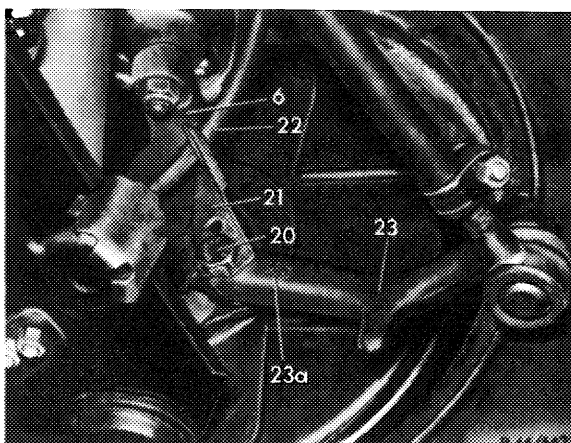


Installation

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.

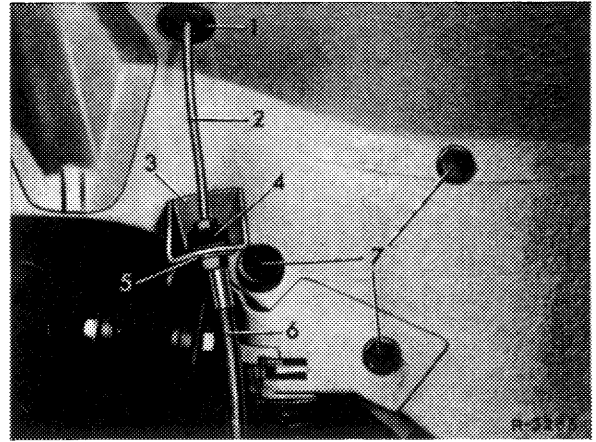
Note: On models 114.06 and 114.07 install only steering knuckle arms of second version with code number 524 or 525.

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

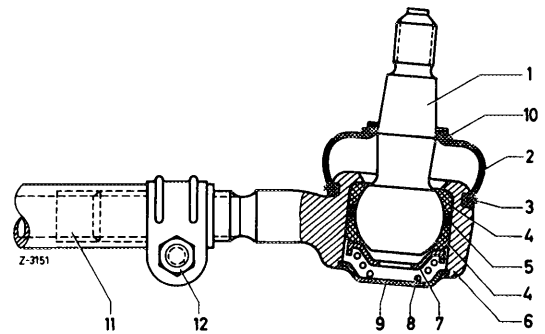


7 Guide brake hose (22) through bore in holder (21).

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 wobble 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).