

46–530 Removal and installation of steering knuckle arm

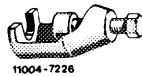
Data

Model	Part No.	Code No.	Location	Remarks
114.00, 114.01, 114.02	115 332 22 20	522	at left	The steering knuckle arms may be installed in sets only
115 1st version	115 332 23 20	523	at right	
114.06, 114.07	115 332 24 20	524	at left	The steering knuckle arms may be installed in sets only
114.00, 114.01, 114.02	115 332 25 20	525	at right	
115 2nd version				

Tightening torques	Nm	(kpm)
Hex screws for attaching steering knuckle arm to steering knuckle	80	(8)
Hex screw for attaching track rod to steering knuckle arm	35	(3.5)

Special tool

Puller for ball joint of track rod to pitman arm, intermediate steering arm and steering knuckle arm



136 589 12 33 00 or
186 589 10 33 00

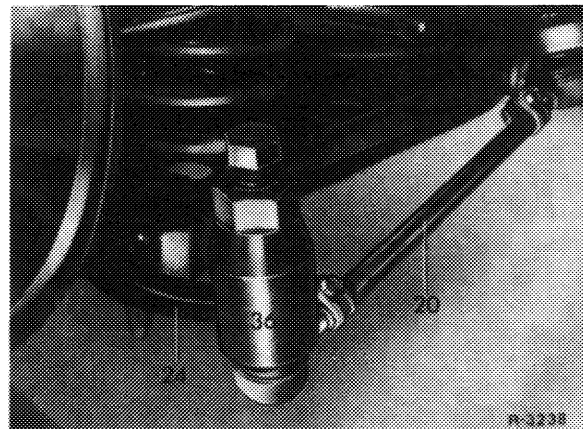
Conventional tool

Open double box wrench 9 x 11

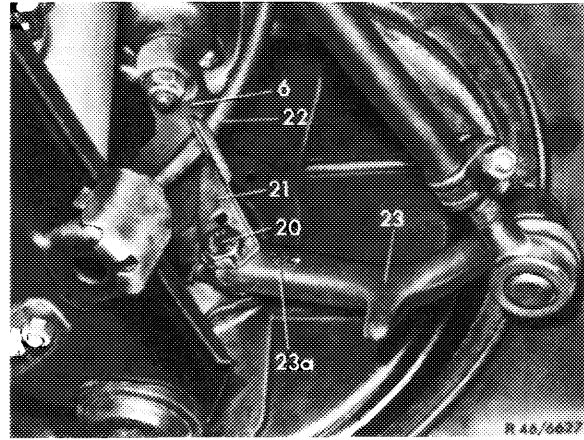
e.g. made by Hazet, D-5630 Remscheid
order No. 612

Removal

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

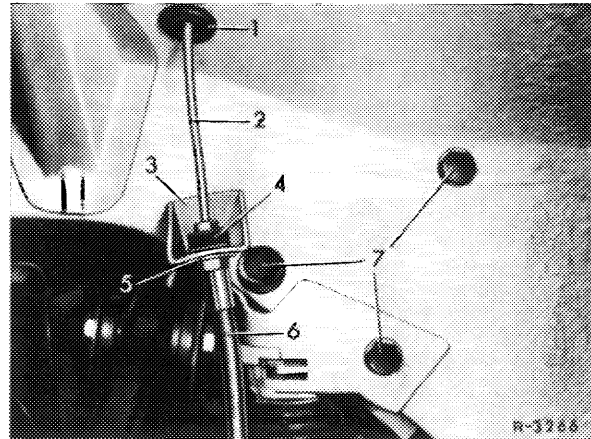


3 Unbend locking plate (21), screw-out hex screws (20) and remove steering knuckle arm (23).



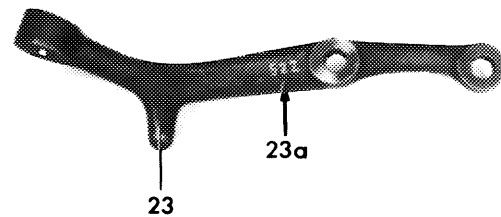
4 Loosen brake hose (6) on holder (3) from brake line (2) and remove from locking plate (5).

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



Checkup

5 The steering knuckle arm cannot be checked with conventional workshop equipment. **When in doubt**, particularly following an accident, install new steering knuckle arms. Watch out for correct code number (23a) of steering knuckle arm.

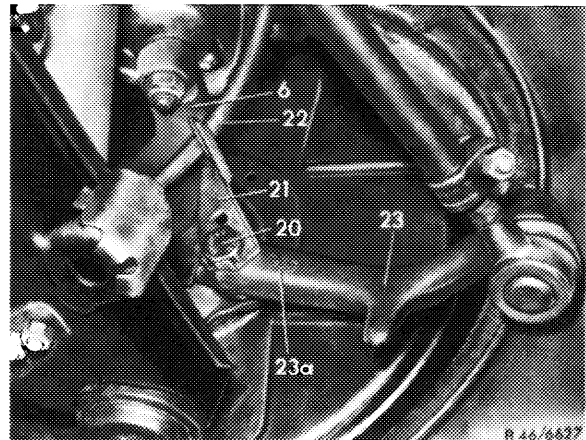


Installation

6 Attach steering knuckle arm to steering knuckle (6) using a new holder (21). Tighten hex screws (20) to specified torque of 80 Nm (8 kpm) and secure.

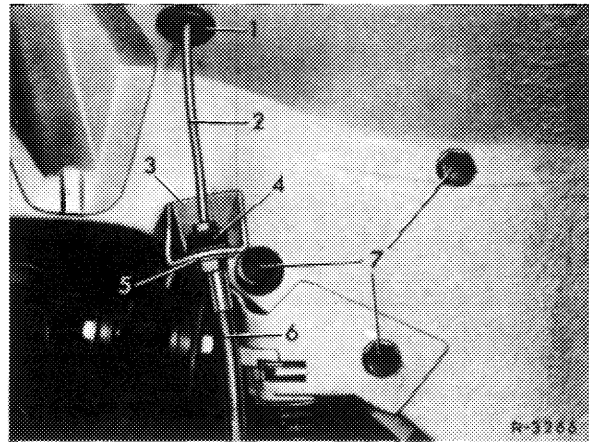
Note: On models 114.06 and 114.07 steering knuckle arms of 2nd version with code No. 524 or 525 may be installed only.

In addition, only arms of one version may be installed in vehicle.

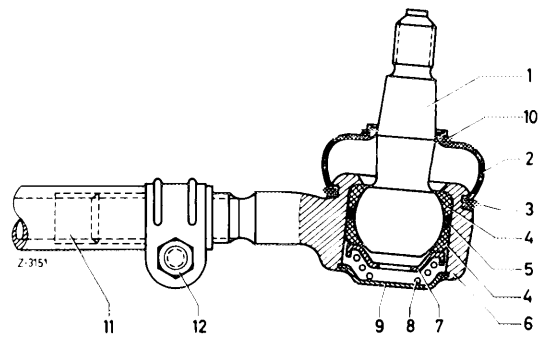


7 Guide brake hose (22) through bore in holder (21).

8 Fasten brake hose (6) to brake line (2) making sure that brake hose is inserted into locking plate on holder (3), without touching any other member.



9 Check rubber sleeve (2) on ball pin of track rod. If rubber sleeve is damaged, replace ball joint (46—540). Fasten track rod to steering knuckle arm. Tightening torque of castle nut 35 Nm (3.5 kpm) — reference value. Cotter castle nut.



10 Bleed brakes (42—010).

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