

## 33-420 R and R steering knuckle arm

### Data

Part no.	Code number	for side
116 332 16 20	1616	lefthand
116 332 17 20	1617	righthand

### Tightening torques

Self-locking hex. head screw for fastening steering knuckle arm to steering knuckle

Nm

80

Castle nut to track rod

35

### Special tool

Puller for ball joint of track rod

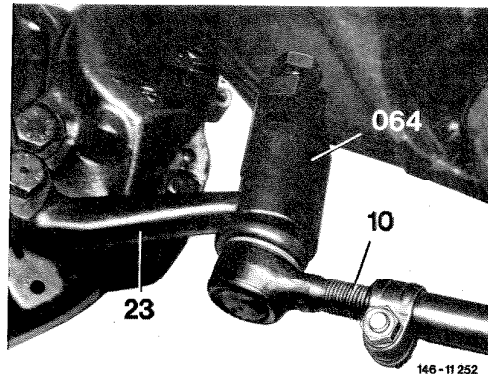


186 589 10 33 00

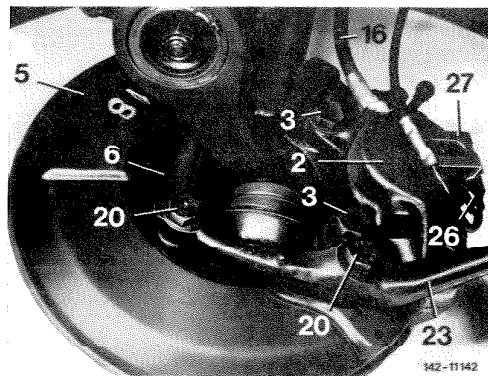
### Removal

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.

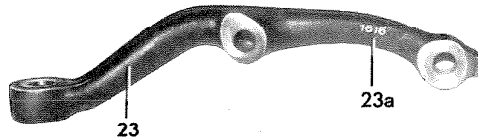


3 Unscrew both self-locking hex. screws (20) from steering knuckle and remove steering knuckle arm.



## Checkup

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

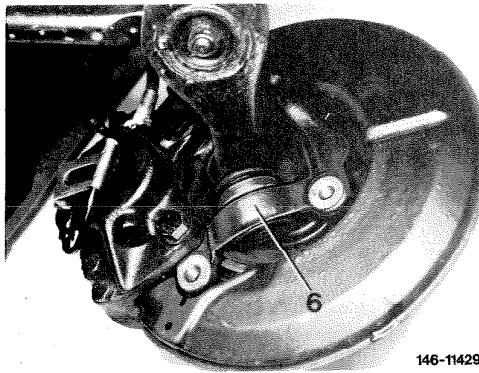


146-9777

## Installation

5 Clean contact surface for steering knuckle arm on steering knuckle (6).

**Note:** If a new steering knuckle arm is installed, make sure that the contact surfaces for the steering knuckle, the hex. head screws and the castle nuts are free of paint.



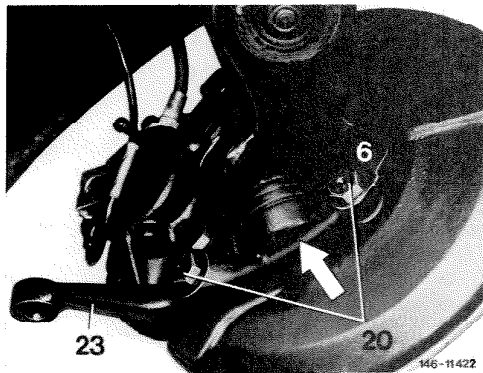
146-11429

6 Fasten steering knuckle arm with two new self-locking hex. screws (20) to steering knuckle. Tighten hex. screws to specified torque of 80 Nm.

### Attention!

Self-locking hex. head screws must be renewed on principle.

7 Check rubber sleeve (32) on ball joint of track rod. If rubber sleeve is damaged, check ball joint for wear and replace, if required (46-540). Screw on castle nut. Tightening torque of castle nut 35 Nm – reference value. Cotter castle nut.



146-11422

8 Check wheel adjustment on front axle (40-320).

