

33-610 R and R ball joint carrier bushing

Lubricants

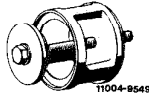
Slide fluid Naphtolen for installation
of rubber bearings into bearing carrier
optionally also
slide fluid Paladinol

000 989 04 60

000 989 08 60

Special tool

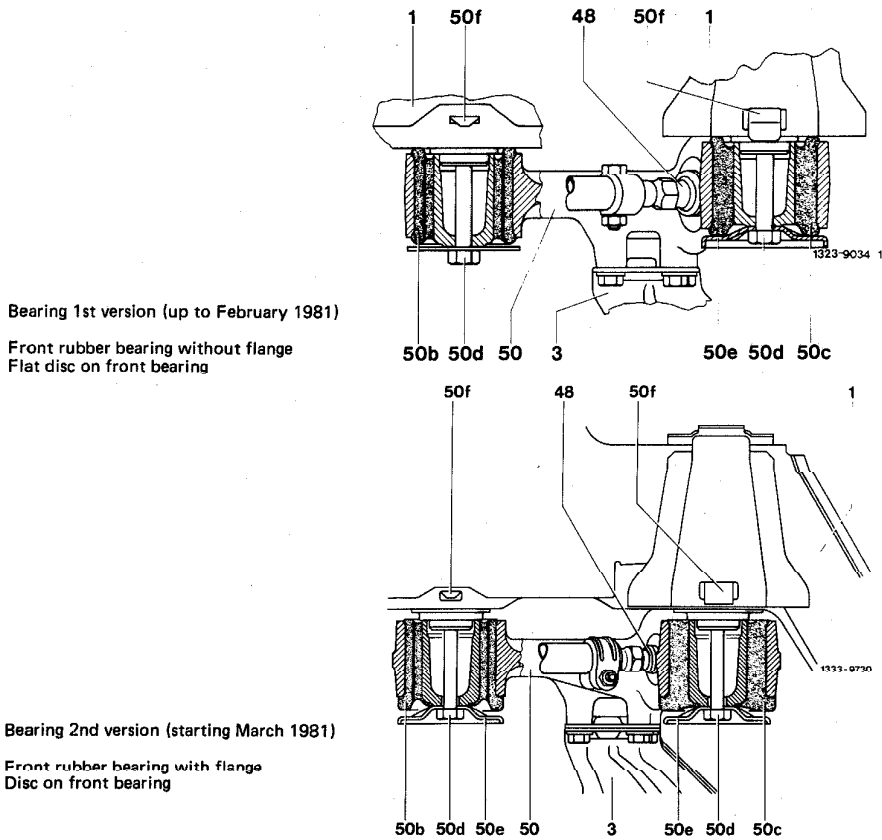
Assembly tool for removal and installation of rubber
bearings in bearing carrier for brake support



126 589 02 43 00

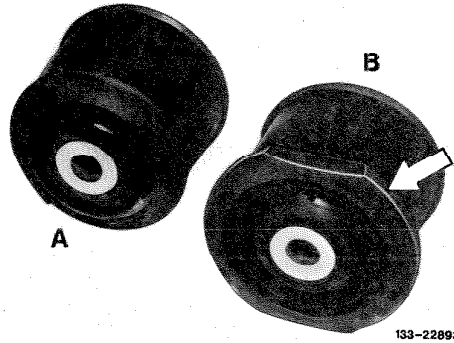
Note

Starting September 1981 the front rubber bearings
(50 d) in bearing carrier (50) have been replaced by
installation of 2nd version.



33-610 R and R ball joint carrier bushing

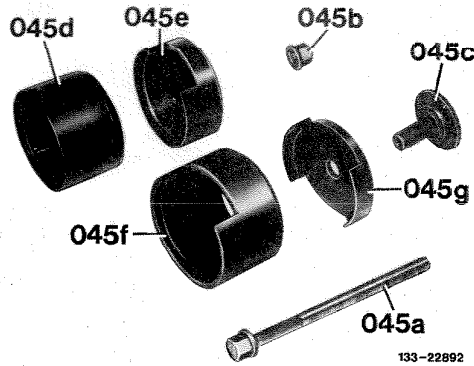
2nd version is identified by flange (arrow). In the even of repairs, install rubber bearing of 2nd version on principle.



- A Front rubber bearing without flange (1st version up to February 1981)
- B Front rubber bearing with flange (2nd version starting March 1981)

133-22893

The tool required for removal and installation of rubber bearing into bearing carrier comprises 7 parts.

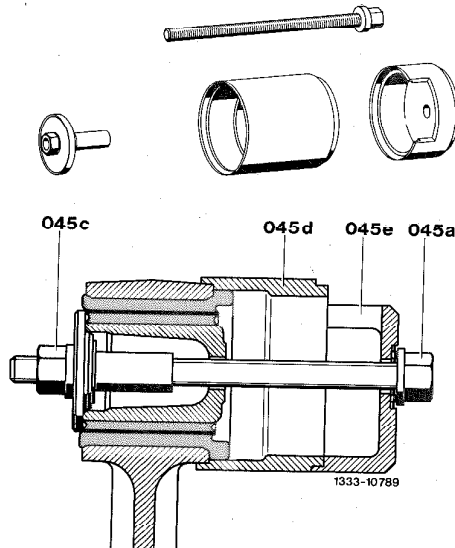


- 045 a Tensioning screw
- b Flange nut
- c Sleeve
- for front rubber bearing (050b)
- d Spacing tube
- e Supporting ring
- for rear rubber bearing (050c)
- f Spacing tube
- g Supporting ring

133-22892

Removing front rubber bearing

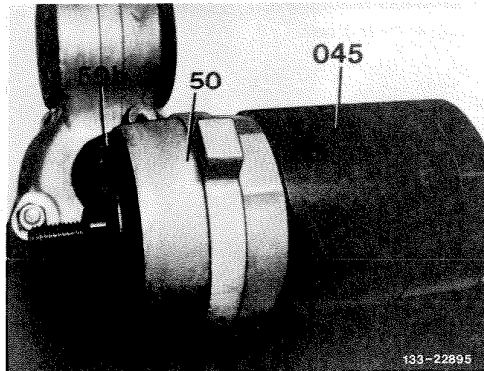
1 Clamp bearing carrier into vise in such a manner that front rubber bearing is easily accessible. Insert spacing tube (045d), supporting ring (045e), tensioning screw (045a) and sleeve (045c).



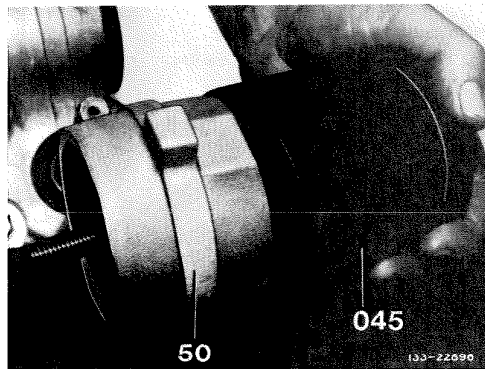
1333-10789

33-610 R and R ball joint carrier bushing

2 Unscrew rubber bearing (50b) out of bearing carrier (50) using tool (045).



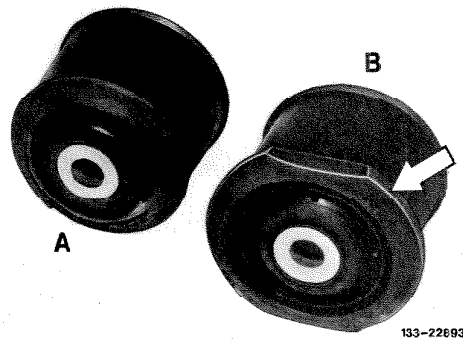
3 Remove rubber bearing from bearing carrier (50) by tilting tool (045).



Installing front rubber bearing

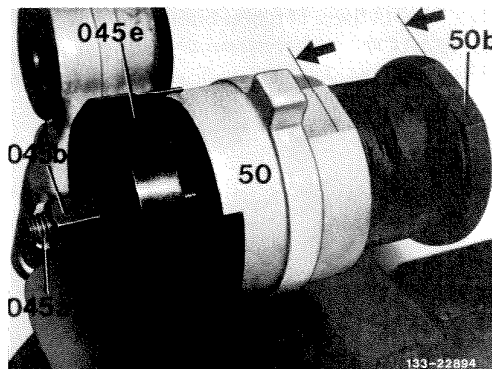
4 Coat rubber bearing and mounting bore in bearing carrier with rubber sliding compound.

Note: In the event of repairs, always use rubber bearing of 2nd version (B – with flange).



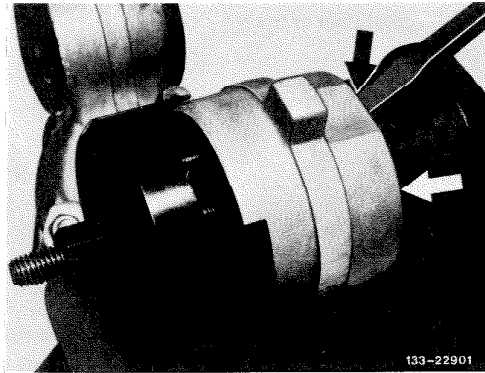
5 Insert rubber bearing (50b) together with tensioning screw (045a), as well as supporting ring (045e) and flange nut (045b) on bearing carrier (50).

Note: On rubber bearing version with flats, flat of rubber bearing must be in alignment with flat of bearing carrier (arrows).



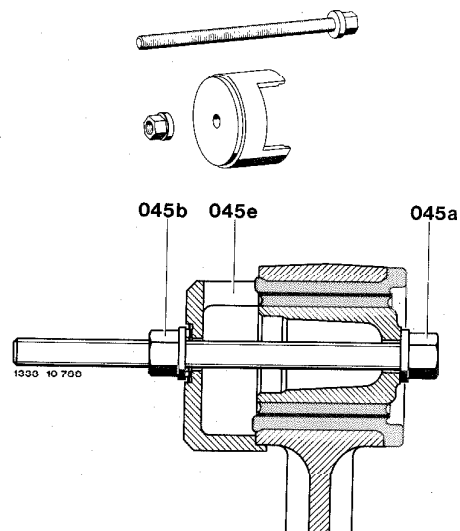
33-610 R and R ball joint carrier bushing

6 For positioning of rubber bearing, assist by means of a suitable tool, e. g. a screw-driver.

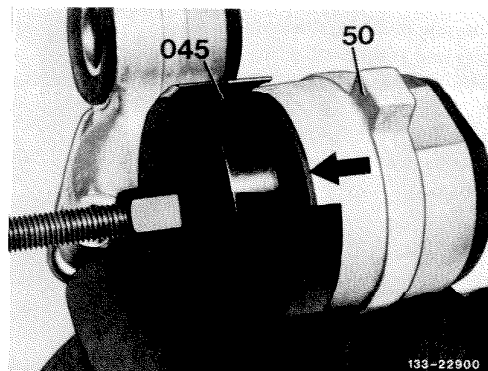


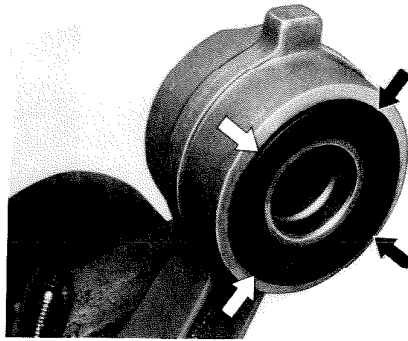
Note: During insertion, make sure that there is always enough sliding compound on rubber bearing.

Insert rubber bearing under preload!



7 Insert rubber bearing until flange of rubber bearing is correctly resting against complete circumference of mounting bore in bearing carrier (arrow).

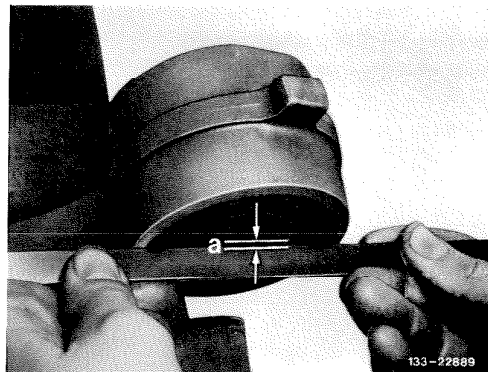




133-22888

8 Measure distance "a" from rubber bearing core to bearing carrier face. Use suitable straightedge for this purpose.

Dimension "a" should be zero mm, a tolerance of ± 0.7 mm is permitted.



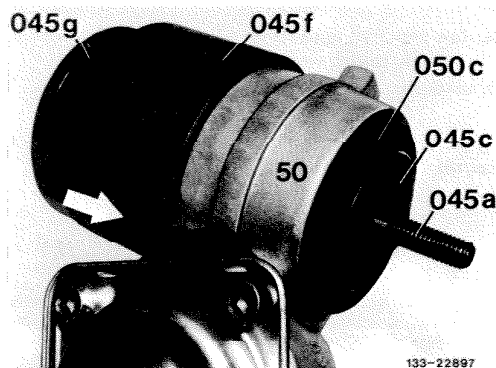
133-22889

Removing rear rubber bearing

9 Clamp bearing carrier (50) as shown in illustration. Insert spacing tube (045f), supporting ring (045g), tensioning screw (045a) and sleeve (045c). Coat flange with slide fluid first.

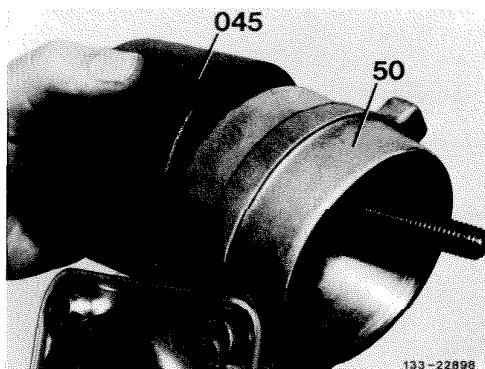
Note: Recess of spacing tube (045f) should point toward brake support (arrow).

10 Unscrew rubber bearing (50c) with tool (045).



133-22897

11 Remove rubber bearing from bearing carrier (50) by tilting tool (045).



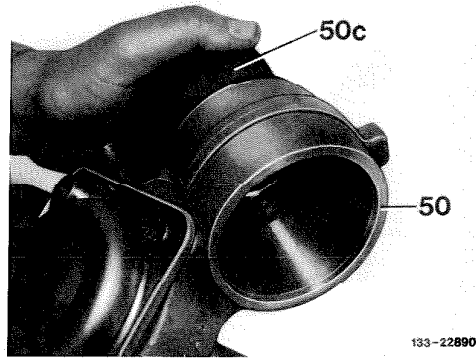
133-22898

33-610 R and R ball joint carrier bushing

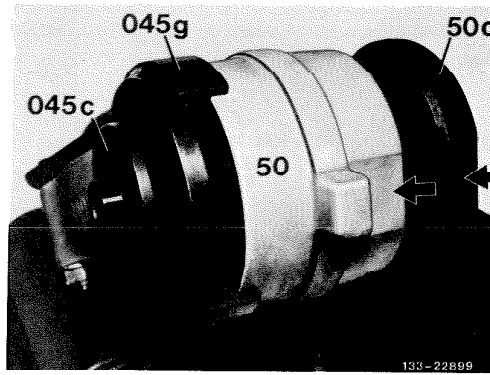
Installing rear rubber bearing

12 Coat rubber bearing (50c) and bore in bearing carrier (50) with rubber slide compound.

Insert rubber bearing, making sure that flat on flange of rubber bearing is in alignment with flat on bearing carrier.



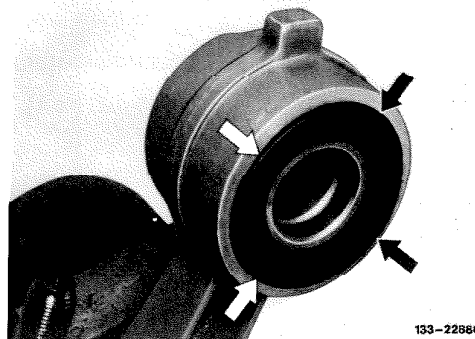
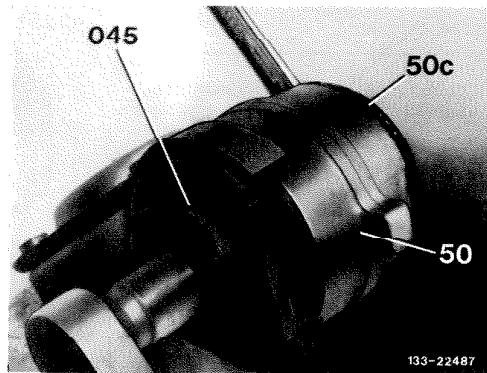
13 Plug-on supporting ring (045e) as well as tensioning screw (045a) with sleeve (045c).



14 Insert rubber bearing (50c) until flange of rubber bearing is correctly resting with entire circumference of mounting bore against bearing carrier (arrow).

Note: During insertion, make sure that there is always enough slide compound on rubber bearing.

Insert rubber bearing with preload.



33-610 R and R ball joint carrier bushing

15 Measure distance "a" from rubber bearing core to bearing carrier face. Use suitable straightedge for this purpose.

Dimension "a" should be zero mm, a tolerance of ± 0.7 mm is permitted.

