

33-520 R and R lower control arm bushing

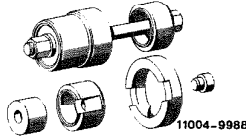
Lubricants

Slide fluid Naphtolen for installation of radial-torsion rubber bearing
optionally also
slide fluid Paladinol

000 989 04 60
000 989 08 60

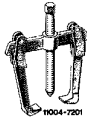
Special tools

Remover and installer for bearing in lower control arm



126 589 01 43 00

Two-arm puller



000 589 88 33 00

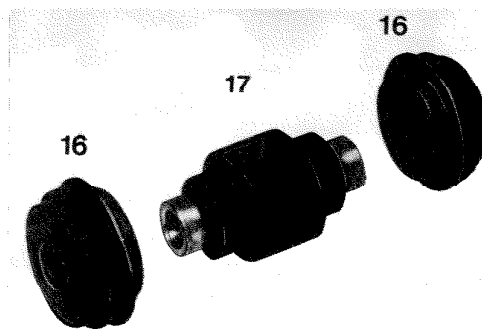
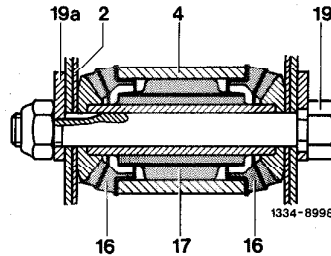
Conventional tool

Countersink dia. 25, 90°

Note

Bearing of lower control arm comprises radial-torsion rubber bearing (17) and both axial-torsion rubber bearings (16).

- 2 Frame cross member
- 4 Lower control arm
- 16 Axial-torsion rubber bearing
- 17 Radial-torsion rubber bearing
- 19 Eccentric bolt (camber adjustment)
- 19a Eccentric disc



- 16 Axial-torsion rubber bearing
- 17 Radial-torsion rubber bearing

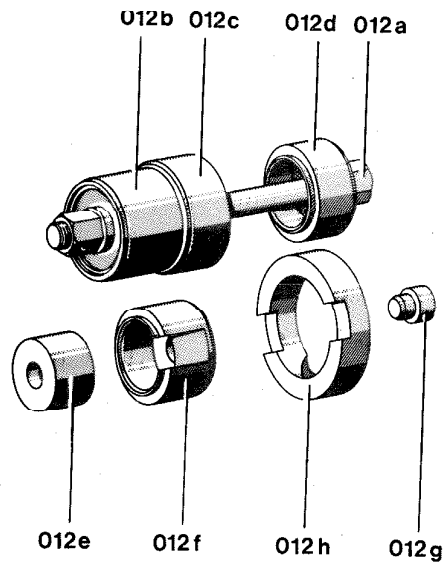
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Note

The remover and installer required for reconditioning bearing of lower control arm comprises 8 parts.

- 012a Tensioning screw
- 012b Thrust bearing
- 012c Thrust piece
- 012d Counterholder
- 012e Thrust piece
- 012f Counterholder
- 012g Mushroom thrust head
- 012h Holding ring



1334 - 10 767

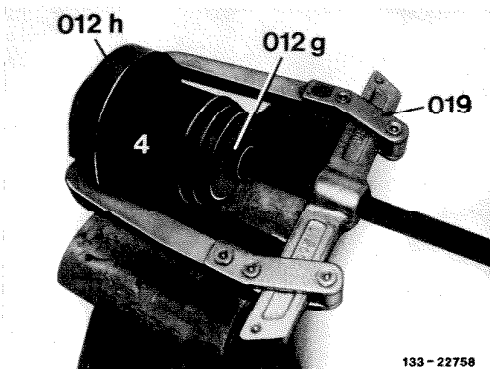
Removal

- 1 Clamp control arm into vise using light alloy jaws.
- 2 Enlarge one side of rubber bearing with countersink until edge of radial-torsion rubber bearing shows up.



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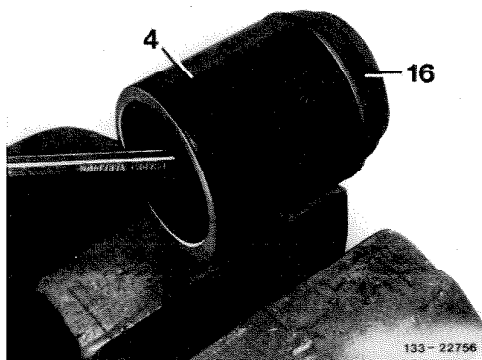
- 3 Plug thrust piece (012g) and holding ring (012h) on control arm (4). Place puller (019) on tool and screw-in bolt until axial- and radial-torsion rubber bearing is pushed out of control arm.



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4 Knock second, remaining axial-torsion rubber bearing (16) out of control arm (4) by means of a punch.



Installation

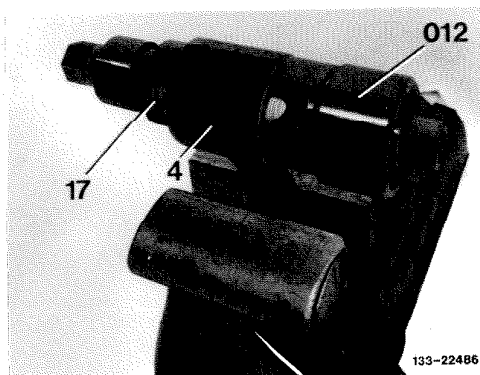
5 Thoroughly clean mounting bore for bearing in lower control arm, use fine emery cloth, if required.

6 Coat radial-torsion rubber bearing on circumference and mounting bore in control arm with slide fluid.

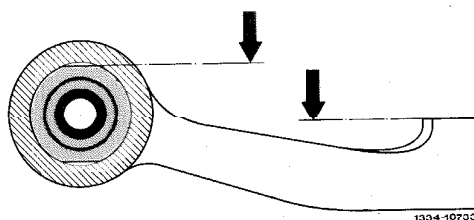
Attention!

Do not use oil or grease.

7 Insert radial-torsion bearing (17) into control arm.



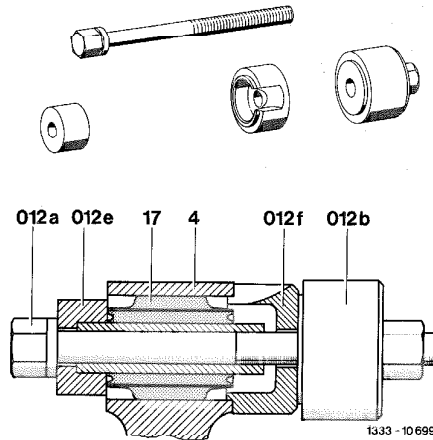
Note: Make sure that the two flats of the rubber bearing are in line with reference flat of control arm.



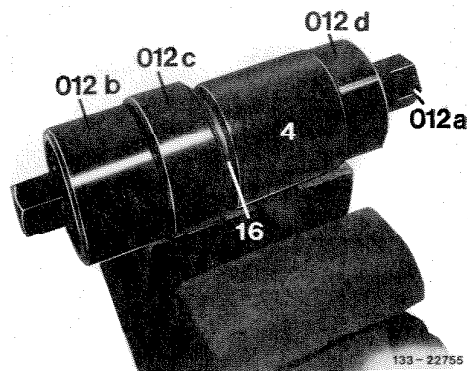
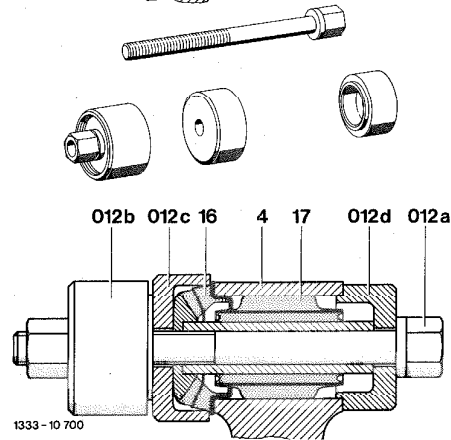
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8 Insert radial-torsion bearing (17) until rubber edge is flush with edge of control arm with radial-torsion bearing relaxed.

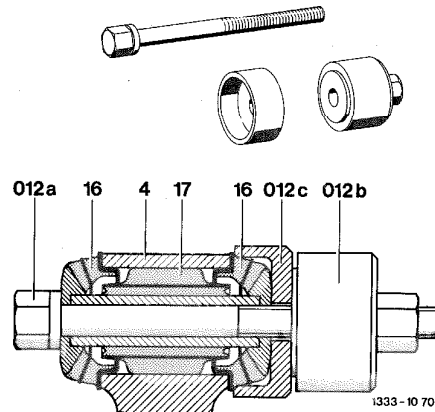
Note: The rubber edge is seen through window in counterholder (012f).



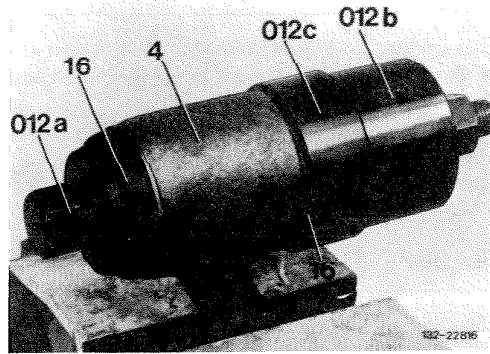
9 Pull one axial-torsion bearing (16) on internal bushing of radial-torsion bearing (17) while simultaneously inserting bearing into control arm.



10 Mount second axial-torsion bearing.



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11 Check seat of mounted axial-torsion bearing (16). Both bearings should rest against control arm (4).

