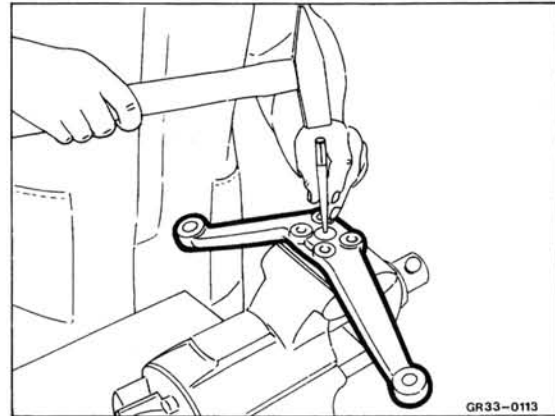


- 2 Centre track rod arm with blow with punch.




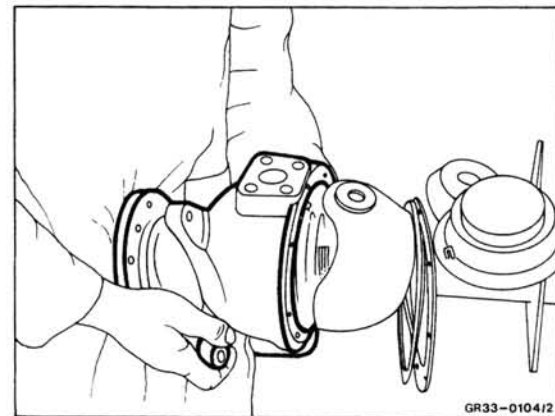
- 3 Install new tapered roller bearings with nilos ring.

- 4 Install joint housing with drive shaft, install upper kingpin **without** clamping sleeves and shims.

#### Kingpin bearing, lower

The lower kingpin has a tight fit over the last 5 mm in the joint housing. For measuring the washers to be inserted it is therefore necessary to insert a spacer ring of 6 mm between the bearing inner race and the kingpin, inside and a spacer ring of 4 mm between the steering knuckle arm and joint housing, outside.

 463 589 00 23 00

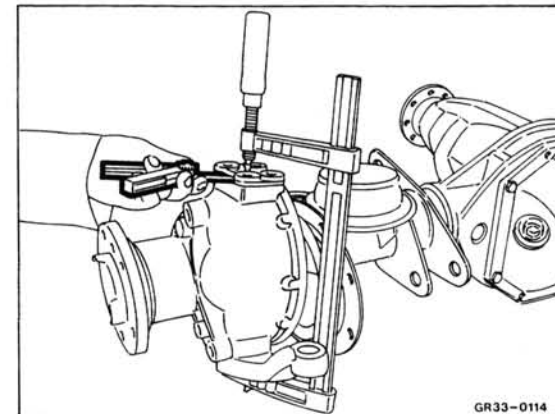


- 5 Compress kingpin and track rod arm until play is no longer present in the steering knuckle bearing.

 460 589 04 31 00

**Note:** Before measuring move towards the joint housing back and forth so that bearing seats.

- 6 With feeler gauge determine the distance between joint housing and kingpin or track rod arm and spacer ring (4 mm), write down the value.



#### Example:

Measure steering knuckle at top A  
without washer

Gap "A"	=	1,05 mm
- preload	=	- 0,15 mm
Thickness of washer	=	0,90 mm

Measure steering knuckle at bottom B

Diff. adjusting ring (6 - 4 = 2 mm)	=	2,00 mm
Gap "B"	=	-1,10 mm
	=	0,90 mm
Preload	=	+0,15 mm
Thickness of washer	=	1,05

