

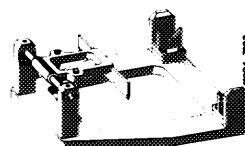
33—560 Checking upper control arm

Data

Permissible offset of upper control arm	1.5
Permissible distortion of upper control arm (along vehicle longitudinal axis on guide joint)	2
Permissible distortion of ball pin for guide joint	0.5

Special tools

Tool for checking upper control arm



115 589 11 23 00

Mounting for guide joint (concentricity test)



107 589 02 31 00

Conventional tools

Measuring stand

e.g. made by Bosch, D-7000 Stgt.-Feuerbach
order No. 0 601 980 001

Dial gauge A 1 DIN 878

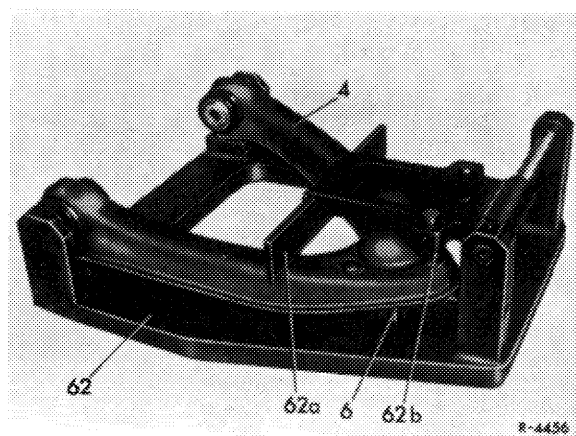
e.g. made by Mahr, D-7300 Esslingen
order No. 810

1 Place complete control arm with rubber slide bearings into fixture (62) to check for distortion and offset.

2 Check offset with straightedge (62a).

3 Measure distortion on guide joint with wedge-shaped bolt (62b).

- 4 Upper control arm
- 6 Guide joint
- 62 Fixture
- 62a Straightedge for checking offset
- 62b Wedge-shaped bolt for checking distortion



4 Clamp mounting for guide joint in a lathe chuck to check ball pin for distortion.

5 Introduce ball pin into mounting device (102) and press on.

6 Position dial gauge with 1 mm preload against upper control arm and determine distortion of ball pin at approx. 25/min.

