

## 33-430 Replacement of rubber sleeves for supporting and guiding joint of steering knuckle bearing

### Lubricants

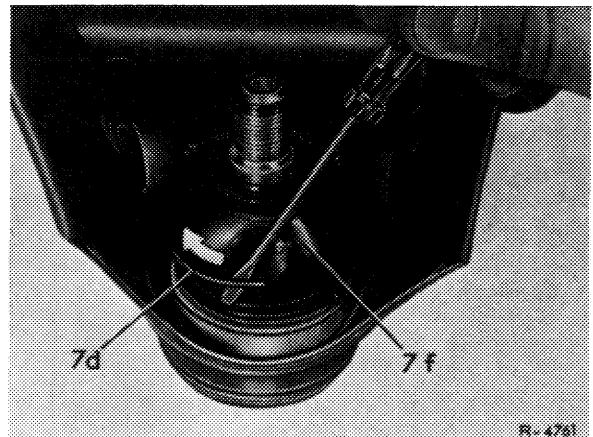
	Amount of grease	Type of grease
Supporting joint	approx. 10 cm <sup>3</sup> (9 gr)	Longterm grease, see "Fuel, lubricant & coolant specifications" page 266.2
Guide joint	approx. 8 cm <sup>3</sup> (7 gr)	

### Notes

Replace damaged boots only during assembly jobs.  
**Never replace damaged or leaking boots on joints already in use.** In such a case, be sure to replace the joint or the pertinent control arm.

### Removal

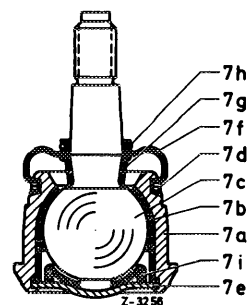
1 Lift circlip at one end with a screw driver and remove in direction of arrow.



7d Circlip  
7f Boot

### Supporting joint

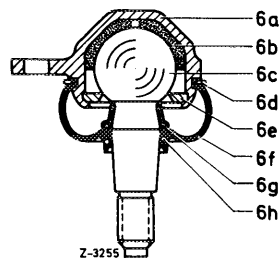
7a Housing  
7b Ball shell  
7c Ball pin  
7d Circlip  
7e Washer  
7f Boot  
7g Supporting ring  
7h Clamping ring  
7i Lower ball socket



2 Remove used grease from ball joint.

Guide joint

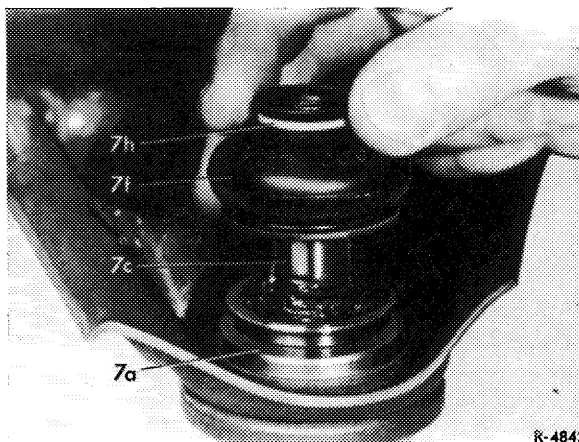
- 6a Housing
- 6b Ball socket
- 6c Ball pin
- 6d Circlip
- 6e Washer
- 6f Boot
- 6g Supporting ring
- 6h Clamping ring



Installation

3 Fill space between housing and ball pin with fresh grease.

4 Place ball pin in vertical position and mount new boot with clamping ring inserted.



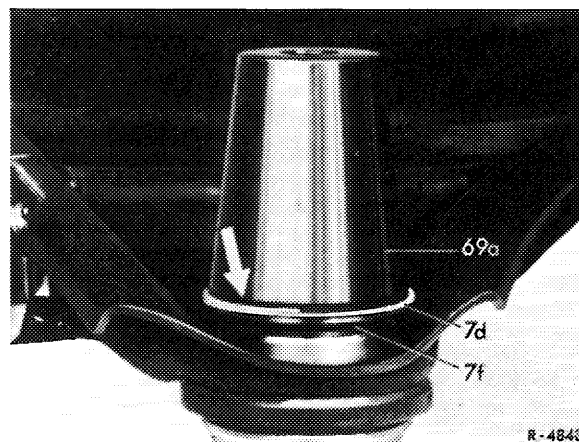
Supporting joint

- 7a Housing
- 7c Ball pin
- 7f Boot
- 7h Clamping ring

5 Slide circlip (7d) on suitable assembly boot (69a) in such a manner that the cylindrical portion of the boot (refer to arrow) is attained.

6 Place assembly boot on supporting or guiding joint in such a manner that the groove for the seat of the circlip on sleeve remains just free. Then slide circlip on sleeve of joint.

7 Check seat of installed sleeve.



Self-made assembly sleeves

- 1 Assembly sleeve for supporting joint
- 2 Assembly sleeve for guide joint

