

Lubricants

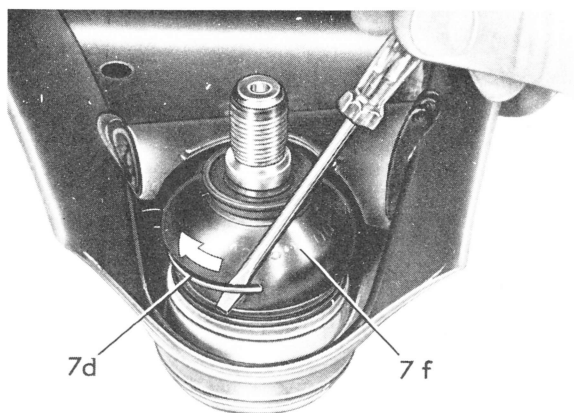
	Amount of grease	Type of grease
Supporting joint	approx. 10 cm ³ (9 gr)	Longterm grease, see "Fuel, lubricant & coolant specifications" page 266.2
Guide joint	approx. 8 cm ³ (7 gr)	

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 (Fig. 1).



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Fig. 1

7d Circlip

7f Boot

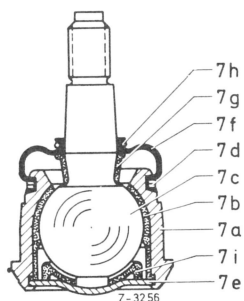


Fig. 2

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.

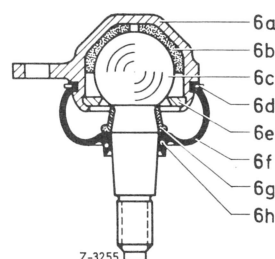


Fig. 3

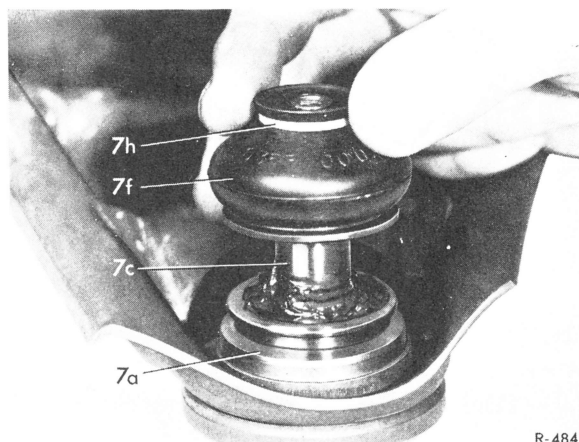
Guide joint

- 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 (Fig. 4).

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



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Fig. 4

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 (Fig. 5).

33.1 Replacement of Rubber Sleeves for Supporting and Guiding Joint of Steering Knuckle Bearings

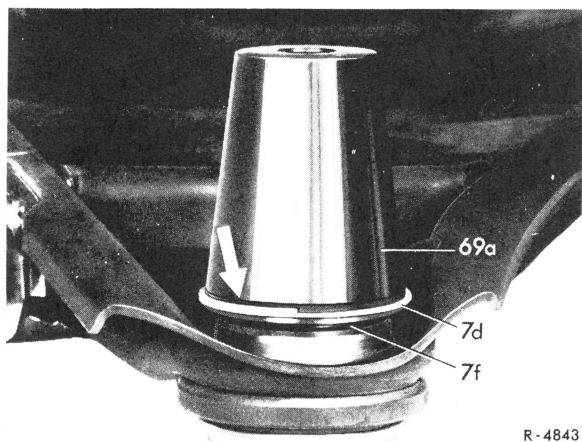


Fig. 5

7d Circlip

7f Boot

69a Assembly sleeve

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 (Fig. 5).

7 Check seat of installed sleeve.

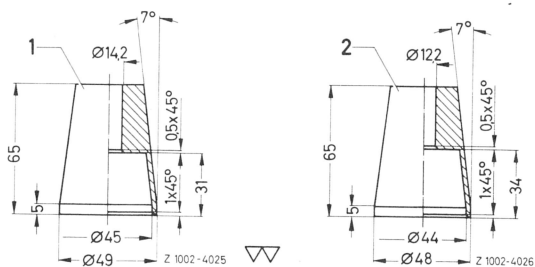


Fig. 6

Self-made assembly sleeves

1 Assembly sleeve for supporting joint

2 Assembly sleeve for guide joint