

Data	
Part No.	length „a“
107 460 02 05	470 ± 1.5

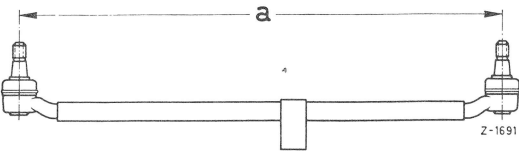


Fig. 1

Approved Grease Types for Ball Joints

Refer to pertinent instructions page 267

Tightening Torques	Nm	(kpm)
Castle nut for attaching drag link to steering arms	35	(3.5)
Hex. bolt for attaching steering shock absorber to drag link	45	(4.5)

Special Tool	
Puller	111 589 08 33 00

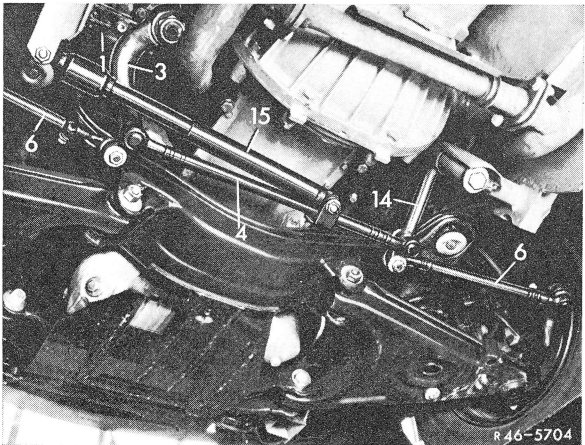


Fig. 2

- 1 Steering
- 3 Pitman arm
- 4 Drag link
- 6 Track rod
- 14 Intermediate steering lever
- 15 Steering shock absorber

- Removal**
- 1 Unscrew castle nut on joints of drag link (4) (Fig. 2).
- 2 Unscrew hex. bolt for fastening steering shock absorber (15) and force steering shock absorber from holding bracket (Fig. 3).
- 3 Remove drag link (4) by means of puller (26) (Fig. 3).

46.1 Removal and Installation of Drag Link

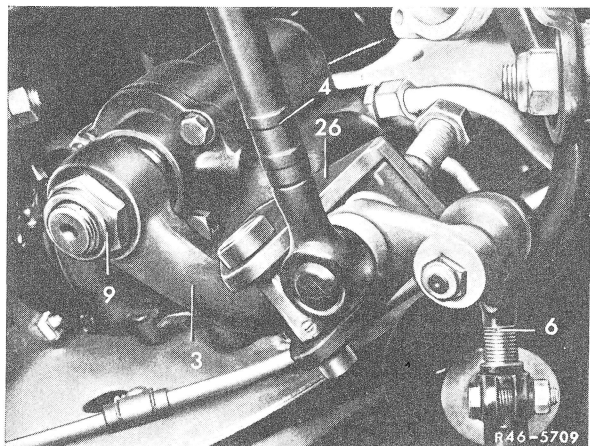


Fig. 3

- 3 Pitman arm
- 4 Drag link
- 6 Track rod
- 9 Self-locking hex. nut
- 26 Puller

Installation

- 4 Check joints in drag link (46.1–540).
- 5 Place new foam rings (3) and plastic caps (2) on ball pin (1) (Fig. 4).

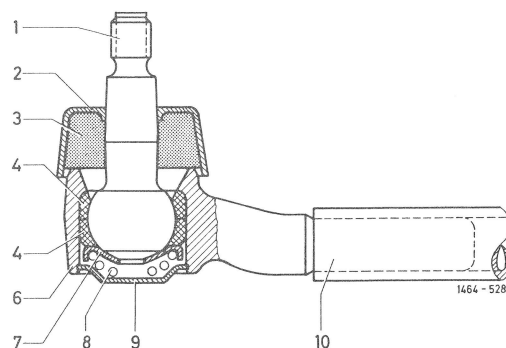


Fig. 4

- 1 Ball pin
- 2 Plastic cap
- 3 Foam ring
- 5 Plastic bearing shell
- 6 Joint head
- 7 Thrust plate
- 8 Compression spring
- 9 Closing cap
- 10 Drag link tubing

6 Clean ball pins as well as conical seats in steering arms perfectly from grease. Force ball pins tightly into cone of steering arms. Screw on castle nuts and insert cotter pins. Tightening torque 35 Nm (3.5 kpm) — reference value.

7 Attach steering shock absorber to drag link.

8 Check wheel adjusting values on front axle („axles“ 40.1–320).