

A. Reconditioning Universal Shaft Intermediate Bearing

Removal

- 1 Mark front universal shaft or intermediate shaft (10) after loosening clamping nut (9) and then pull off, (refer to Job No. 41-1, note following item 8).
- 2 Remove bearing bracket (3), rubber mount (4), rubber sleeve (5), locking ring (11) and protective cap (8) (Fig. 41-2/1).

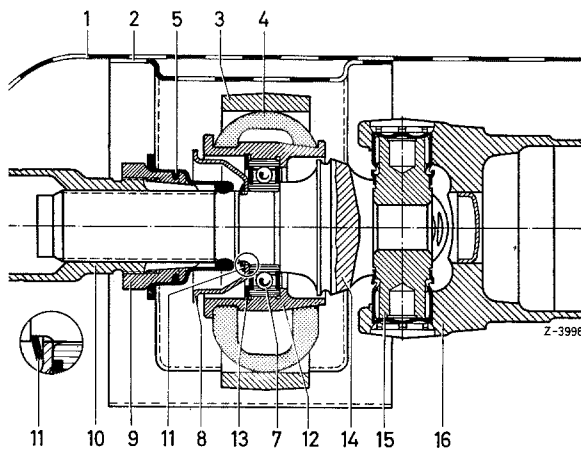


Fig. 41-2/1

- | | |
|--------------------------|---|
| 1 Body/frame | 11 Locking ring |
| 2 Universal shaft tunnel | 12 Bearing housing |
| 3 Bearing bracket | 13 Locking ring |
| 4 Rubber mount | 14 Yoke |
| 5 Rubber sleeve | 15 Spider of universal joint with needle bearing bushings |
| 7 Grooved ball bearing | 16 Rear universal shaft |
| 8 Protective cap | |
| 9 Clamping nut | |
| 10 Front universal shaft | |

- 3 Pull bearing housing (12) of universal intermediate shaft bearing with locking ring (13) and grooved ball bearing (7) from pivot of universal shaft by means of a conventional puller.

Disassembly

- 4 Remove locking ring (13) from housing and press out grooved ball bearing (7).

Reassembly

- 5 Press grooved ball bearing (7) into bearing housing (12).

Note: Use only maintenance-free bearings. Such bearings are filled with grease "for life" and are not relubricated.

- 6 Install locking ring (13).

Installation

- 7 Press bearing housing with grooved ball bearing inserted on pivot of universal shaft with a fitting mandrel.

- 8 Install protective cap (8) and locking ring (11).

- 9 Attach rubber mount (4) and bearing bracket (3) to bearing housing. Slide rubber sleeve (5) over splining.

- 10 Coat splining with longterm grease during assembly.

- 11 Assemble front shaft to rear shaft or intermediate shaft, as shown on drawing.