

Removing and Installing Rear Axle Tubes

Special Tools:

17 RA

VW 202 Puller used with VW 202b and 202h
VW 202b Extractor hooks
VW 202h Spacer
VW 240a Arbor for bearing flange

VW 400 Hydraulic press
VW 401 Plate for various press operations
VW 407 Arbor, general use
VW 433 Press accessory, general use

Removal

1. Remove brake drums and brake backing plates (1 RA).
2. Loosen nuts on bearing cover of axle tube.

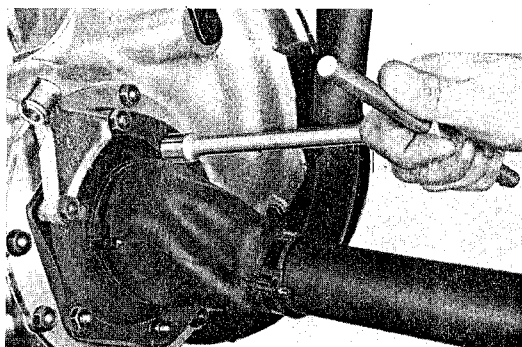


Fig. 112

3. Remove axle tube with bearing cover and gasket (16 RA).
4. Drive dowel pin out of bearing flange.

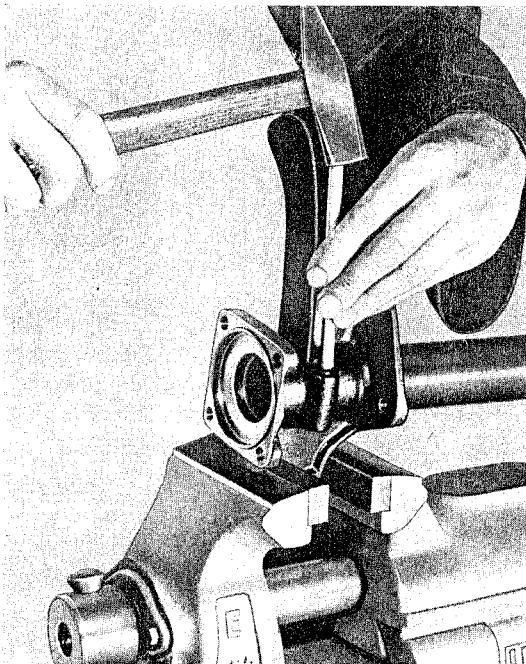


Fig. 113

5. Remove bearing flange from axle tube using extractor VW 202, with VW 202b and VW 202h, or press VW 400 with VW 407 and VW 401.
6. Loosen clamps and remove boot and bearing cover from axle tube.

Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Inspect spherical surface on rear axle tube and transmission side cover for wear. Remove roughness.
2. Inspect axle boot and replace if necessary.
3. Inspect bearing flange and replace if necessary. Before installation the mating surfaces should be thoroughly cleaned and the flange and axle tube covered with a light coat of grease. Install the flange using hydraulic press VW 400 with VW 407 and VW 433.

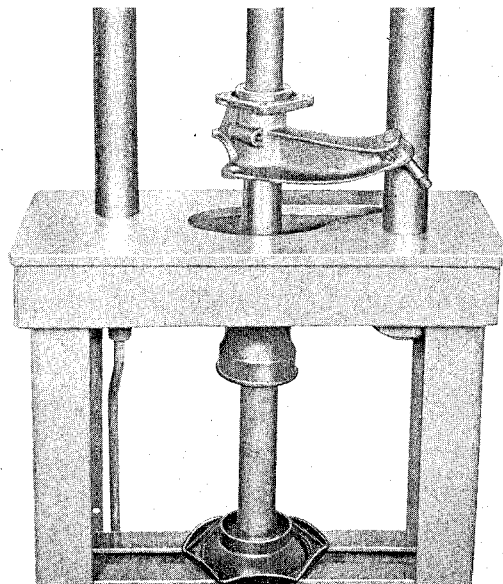


Fig. 114