

Removal and Installation of Pulley and Counterweight on Crankshaft, OM 621

Removal:

1. Unscrew the collar screw (8) for mounting the pulley (9) and the counterweight (11) on the crankshaft. Remove the pulley (9), then use puller part No. 000 589 17 33 to pull the counterweight (11) from the crankshaft (see Figure 03-2/1).

Note: The washer (10) is soldered to the pulley (9).

If the counterweight should be dismantled in the vehicle, it is imperative to dismantle the radiator before.

Installation:

2. Fit the counterweight (11) onto the pins of the crankshaft (13) and turn the counterweight in such a way that the bores for the cylindrical pins (1) and (12) coincide. Then knock in the two cylindrical pins (see Figure 03-2/1).

Note: The bores for the cylindr. pins are offset with respect to one another, ensuring the correct position of the counterweight in any case.

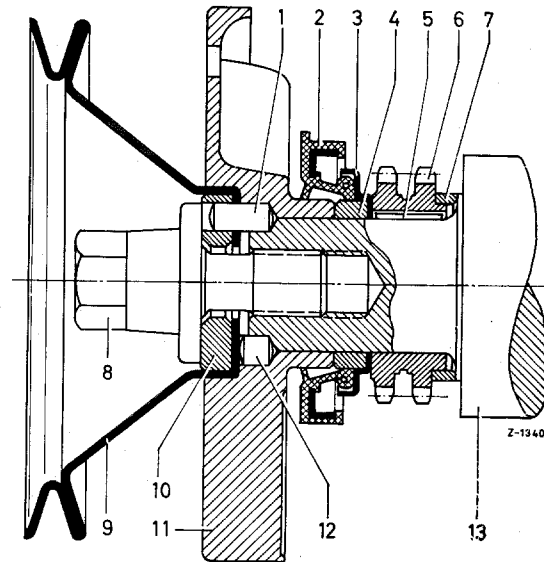


Figure 03-2/1

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|------------------------------|--------------------------|
| 1 Cylindr. pin 8h 8x16 DIN 7 | 8 Collar screw |
| 2 Seal ring | 9 Pulley |
| 3 Oil thrower ring | 10 Washer |
| 4 Spacer ring | 11 Counterweight |
| 5 Woodruff key | 12 Cyl. pin 8h 8x8 DIN 7 |
| 6 Crankshaft gear | 13 Crankshaft |
| 7 Shim | |

3. Fit the pulley (9) and tighten the mounted parts by the collar screw (8) with a torque of 18 mkg. (see Figure 03-2/1).