

Figure 01-12/2

OM 636 – Arrangement of revolution counter drive acc. to Part No. 636 004 02 06 installed in the engines of type 636.932

- 1 Connection for revolution counter
- 2 Follower nut with lug Part No. 636 064 00 09
- 3 Connecting hub with mounting flange for revolution counter Part No. 636 060 00 42
- 4 Rear end of injection pump camshaft
- 5 Injection pump

Installation:

Install in reverse order.

C. Drive by oil pump helical gear, OM 621

For the OM 621, the helical gear (10) for the oil pump drive features an attached intermediate piece so that the helical gear simultaneously serves as revolution counter drive, which can be made use of especially when testing the engine with the help of test instruments (see Figure 01-12/3).

Then replace the screw plug (33) (see Figure 07-25/4) for threaded nipple (3) and connect the connector (4) for revolution counter to threaded nipple (3) (see Figure 01-12/3).

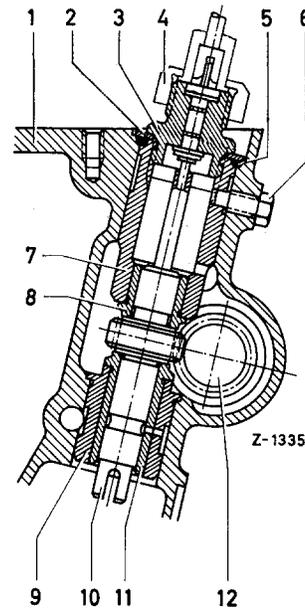


Figure 01-12/3

OM 621 – Arrangement of revolution counter drive and oil pump drive

- 1 Cylinder crankcase
- 2 Washer
- 3 Screwed nipple with lug for revolution counter drive
- 4 Connection of revolution counter
- 5 Rubber ring
- 6 Hexagon head screw
- 7 Thrust piece
- 8 Bearing bushing
- 9 Bearing body
- 10 Helical gear (drive for oil pump and revolution counter)
- 11 Bearing bushing
- 12 Intermediate gear shaft (drive shaft for injection pump and for helical gear 10 or for oil pump, respectively)

Note: For test instruments the threaded nipple (3) can be used; **but do not forget to reinstall threaded nipple and screw plug at the end of the test** (see Figure 01-12/3). The drive, or threaded nipple (3) is available from the firm of Gann, Apparate- und Maschinenbau GmbH., Stuttgart, Möhringer Str. 159 (see Special Tools List, Werk Untertürkheim. Setting-Up Equipment Page E/5, item 17).