

Removal and Installation of Revolution Counter Drive

Job No.

01-12

- A. Drive on Injection Pump Drive Shaft, OM 636 without Injection Timing Device
- B. Drive on Injection Pump Camshaft, OM 636
- C. Drive by Oil Pump Helical Gear, OM 621

Change: Type underneath Figure 01-12/1 added and Note on Page 01-12/2 extended

A. Drive on injection pump drive shaft, OM 636, without injection timing device

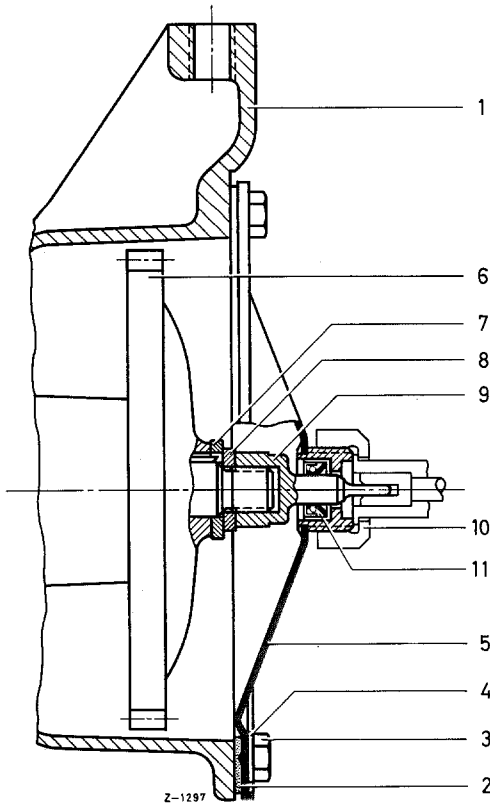


Figure 01-12/1

OM 636 – Arrangement of revolution counter drive,
according to part No. 636 004 01 06
installed in the engines of types
636.933 636.936 636.938 636.917-320
636.933 as from engine No. 636.933-000 843
636.936 as from engine No. 636.936-000 902
636.938 as from engine No. 636.938-000 001
636.917-320 as from engine No. 636.917-320-039 278

- 1 Timing gear housing cover
- 2 Gasket (Part No. 636 015 06 80)
- 3 Hexagon screw M 6 x 12
- 4 Spring washer B 6 DIN 137
- 5 Cover with connection nipple (Part No. 636 010 03 35)
- 6 Injection pump drive gear
- 7 Compensating washer with groove
- 8 Spring washer B 12 DIN 127
- 9 Mounting nut with lug for revolution counter drive
(Part No. 636 064 01 09)
- 10 Connection of revolution counter
- 11 Gasket A 8 x 16 DIN 6503

Removal:

1. Disconnect fuel overflow line from the fuel main filter, unscrew the fuel main filter from timing gear housing cover and place rearwards. The fuel hoses need not be loosened.
2. Unscrew union nut (10) on the connection of revolution counter (see Figure 01-12/1).
3. Unscrew mounting screws (3) of cover (5) and remove cover (5) (see Figure 01-12/1).
4. Unscrew mounting nut (9) with lug for revolution counter drive.
5. Replace seal ring (11) in cover (5) (see Figure 01-12/1).

Note: Covers with distorted mounting surface should be aligned or replaced.

Installation:

Install in reverse order.

B. Drive on injection pump camshaft, OM 636

Removal:

1. Unscrew union nut on the connection (1) of revolution counter (see Figure 01-12/2).
2. Unscrew mounting screws of flange on connecting hub (3) and remove hub with flange (see Figure 01-12/2).
3. Unscrew follower nut (2) for the revolution counter (see Figure 01-12/2).

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