

05.1 Removal and Installation of Intermediate Gear for Distributor Drive

M 116, M 117

Removal

- 1 Complete jobs according to Job No. 05.1–255, section Removal of Slide Rails in Cylinder Crankcase.
- 2 Slacken roller chain at lefthand end. Then correct elongation of roller chain caused by the removal of the chain tensioner by turning the hexagon bolts of the camshaft gear first on righthand camshaft and then on lefthand camshaft.
- 3 Remove roller chain from intermediate gear (78) (Fig. 1). Pull intermediate gear forward and remove from bearing in cylinder crankcase by slightly canting in upward direction.

Installation

- 4 For installation proceed vice versa to removal.
- 5 When retensioning roller chain be careful that hex. bolts on camshaft gears are not loosened. After finishing installation jobs, check hex. bolts for tight seat (tightening torque 10 kpm).

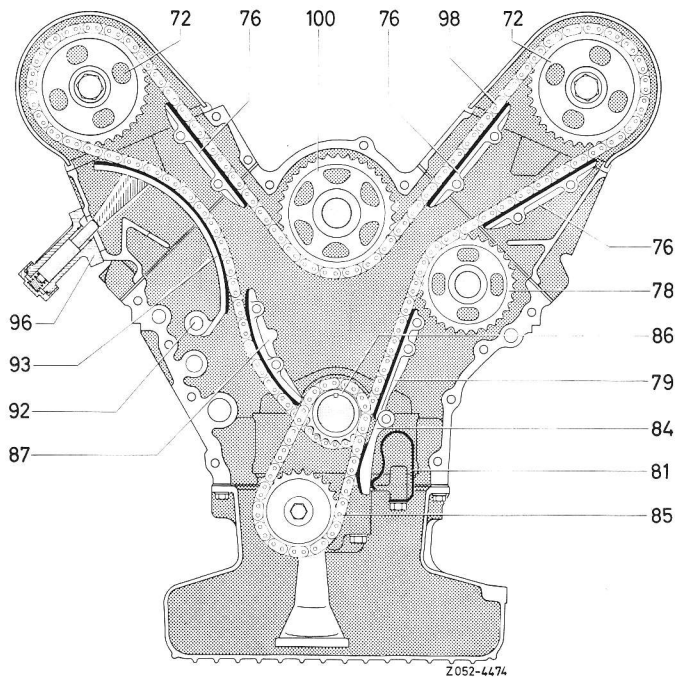


Fig. 1

Chain drive

- 72 Camshaft gear
- 76 Slide rail
- 78 Intermediate gear
- 79 Slide rail
- 81 Spring chain tensioner
- 84 Clamp
- 85 Single roller chain
- 86 Crankshaft gear
- 87 Slide rail
- 92 Bearing pin tensioning lever
- 93 Tensioning lever
- 96 Chain tensioner
- 98 Double roller chain
- 100 Guide wheel