

Replacement of Front Crankshaft Sealing Ring **03.1**

M 116, M 117

Special Tool

Installation bushing for sealing ring

111 589 17 61 00

Removal

- 1 Remove hub with vibration damper and pulley (03.1–340).
- 2 Remove sealing ring by means of two screw drivers, making sure that the crankpin and the receiving bore for the sealing ring are not damaged (Fig. 1).

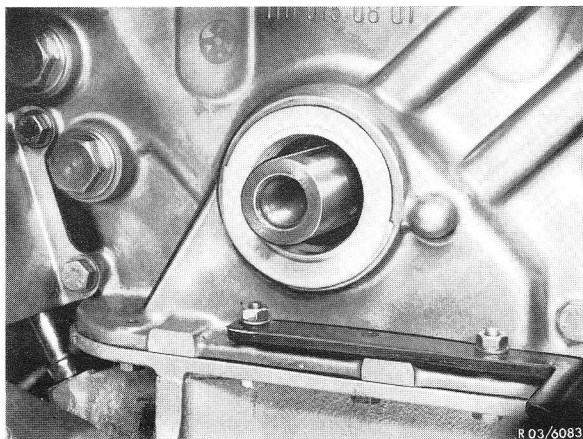


Fig. 1

- 3 Deburr edge of receiving bore for sealing ring well and finish with abrasive cloth.
- 4 Clean parts.

Installation

- 5 Moisten sealing ring on sealing lip and on outer surface with oil or molykote. Also lubricate receiving bore slightly.
- 6 Install sealing ring with installation bushing (1) (Fig. 2).

Use plate spring (106) for pulling in of hex. bolt (107) for attachment of hub to crankshaft. The sealing ring must be at an accurate right angle in relation to crankpin, since otherwise no perfect sealing will be obtained.

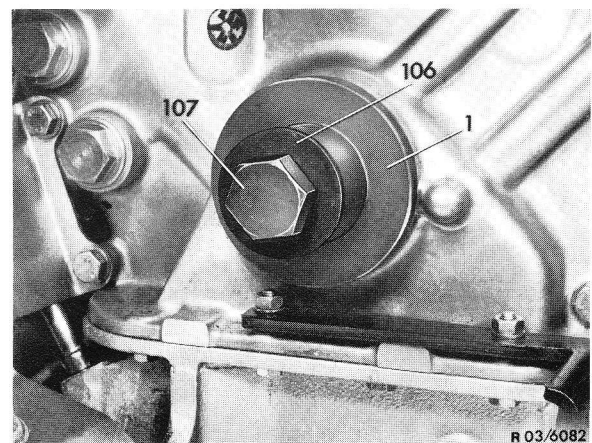


Fig. 2

1 Installation bushing 107 Hex. bolt
106 Plate spring

- 7 For further installation proceed vice versa to removal (03.1–340).