

Modifications on Models 200/8 to 250/8

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On carburetor engines the thrust piece (refer to Fig. 05-5/2, Item 2b) has been modified simultaneously with the valve spring disc and the rocker arm.

Application

Model	Chassis End No.
200/8	043 139
220/8	043 289
230/8	042 922
250/8 Sedan	029 379
250/8 Cp	000 224, 000 226 to 000 236 as from 000 238 cont.
250/8 Sedan low compression	026 138
250/8 Cp low compression	000 257

Note: Model 250 E/8 is provided with the modified valve timing as from start of production.

As from these chassis end numbers the valve spring disc, Part No. 130 053 00 25 (formerly 121 053 04 25) and thrust pieces, Part No. 130 053 03 53 (formerly 180 053 19 52) are installed in combination with rocker arms, Part No. 114 055 00 01. In these engines, never install the old rocker arm, Part No. 108 055 01 01, during repairs. The smaller recess behind the thrust surface (refer to arrow) may cause this rocker arm to become seated on valve disc edge. As a result, the valve cone halves may be knocked loose.

The new rocker arm Item 1b, however, can be used instead of the old rocker arm Item 1a.

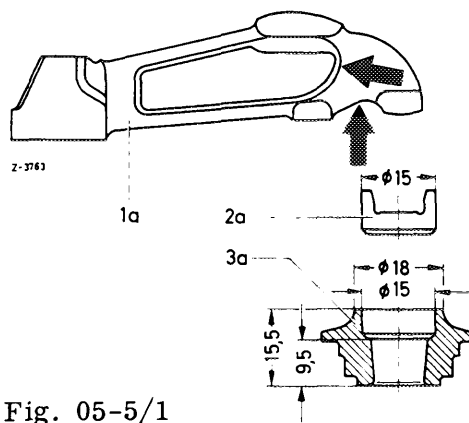


Fig. 05-5/1

Old version

- 1a Rocker arm 108 055 01 01
- 2a Thrust piece 180 053 19 52
- 3a Valve spring disc 121 053 04 25

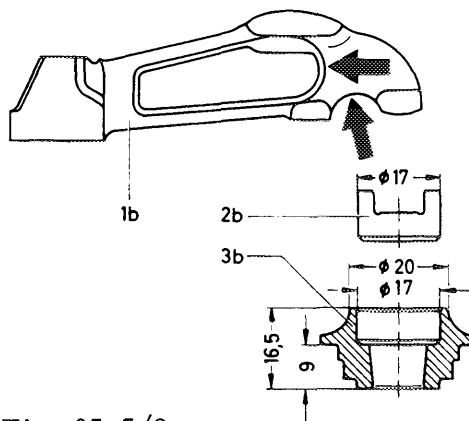


Fig. 05-5/2

New version

- 1b Rocker arm 114 055 00 01
- 2b Thrust piece 130 053 03 53
- 3b Valve spring disc 130 053 00 25

When spare parts are ordered, only the new rocker arm, Part No. 144 055 00 01, will be delivered.

In addition, Models 250/8 Sedan, 250/8 Cp, 250/8 Sedan low compression and 250/8 Cp low compression

are subject to the additional modifications as from the same chassis end numbers;

1. Cylinder Head

Countersinking for Rotocap 10 mm deep (Fig. 05-5/3); formerly exhaust 8.5 and inlet 8 mm.

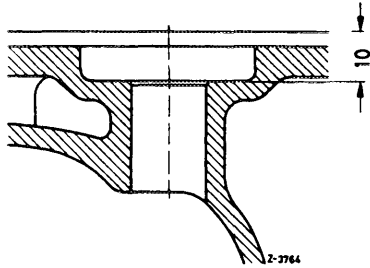


Fig. 05-5/3

2. Camshaft Code Number 01 and 05

Changed timing, larger diameter of bearings 2, 3 and 4 (bearing 2 and 3 new diameter 50 mm, formerly 48 mm; bearing 4 new diameter 51 mm, formerly 49 mm).

The camshaft with code number 05 is tin-plated, otherwise similar to camshaft 01.

3. Camshaft Bearings

Larger diameter of bearing 2, 3 and 4.

4. Outside and Inside Valve Springs

Reinforced and longer.

List of Parts

Designation	Part No.
Cylinder head	114 010 28 20
Camshaft	114 051 01 01
1 Set	114 051 05 01
Camshaft bearing	114 586 04 05
Rocker arm	114 055 00 01
Thrust piece	130 053 03 53
Valve spring disc	130 053 00 25
Outside valve spring	130 053 02 20
Inside valve spring	130 053 00 22

In repair cases the modified condition of the engine must be taken into consideration since - except for the rocker arm - the new parts cannot be installed in engines of the former version. If this is not observed, expensive mechanical damage may result.

State both the engine and the chassis number in order to prevent mistakes.