

Roller type rocker arm with hydraulic valve clearance compensation for Mercedes-Benz

Vehicle manufacturer:

Mercedes-Benz

Models:

C-Class	W202, W203, S202, S203
CLK-Class	C208, C209, A208, A209
E-Class	W210, W211, S210, S211
S-Class	W220, C215
CLS-Class	C219
SL-Class	R129, R230
SLK-Class	R170, R171
M-Class	W163, W164
R-Class	W251
G-Class	W463

Engine:

M112-engine	2.4 - 5.0 litres
M113-engine	4.3 - 5.4 litres

OE-No.:

Intake 1:	113 050 00 33
Intake 2:	113 050 01 33
Exhaust:	113 050 05 34

Item no.:

Intake 1:	423 0014 10
Intake 2:	423 0016 10
Exhaust:	423 0018 10

Technical background:

The two Mercedes-Benz engine series M112 (V6) and M113 (V8) have two inlet valves and one exhaust valve per cylinder. The valves are actuated via light alloy roller type rocker arms with hydraulic valve clearance compensation.

These roller type rocker arms are available from the Schaeffler Automotive Aftermarket product range together with the hydraulic valve play compensation elements - as a rocker arm kit.

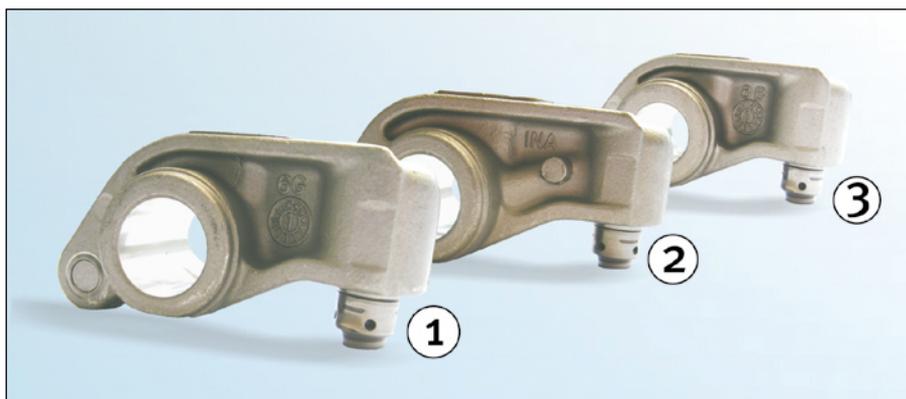


Figure 1: Overview of the three different rocker arm kits

Key to Figures 1 to 3:

- (1) Rocker arm kit intake valve 423 0014 10
- (2) Rocker arm kit intake valve 423 0016 10
- (3) Rocker arm kit exhaust valve 423 0018 10



Figure 2: The diameter of the rocker arm is greater on the intake side (1)

When fitting these parts, ensure they have been correctly allocated. Differences between these parts can be observed in the differing diameters of the hole for the rocker arm shaft (Figure 2) as well as in the crank of the roller type rocker arm (Figure 3).

In addition, the exhaust side has been marked with a blue dot.

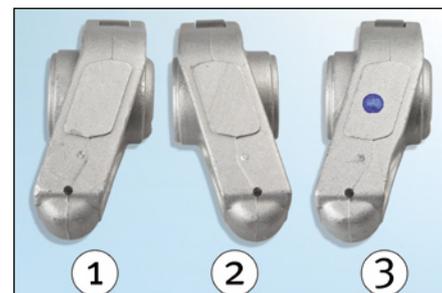


Figure 3: Rocker arm crank

Further information on the structure and operation of roller type rocker arms and other valve train components can be found in our Valve Train Components TECHNICAL PRODUCT INFORMATION, which can be downloaded from www.schaeffler-aftermarket.com in the Library section.

Appropriate spare parts can be found in our on-line catalogue at www.Schaeffler-Aftermarket.com or in RepXpert at www.RepXpert.com.

Issued 08.2009

INA 0039

Technical subject to change

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