

ROLLER TYPE ROCKER ARMS WITH HYDRAULIC VALVE CLEARANCE COMPENSATION FOR MERCEDES-BENZ

TECHNICAL INFO NO. 1017

APPLIES TO MAKE/MODEL:

Mercedes-Benz	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

APPLIES TO ENGINES:

M112-engine 2.4 - 3.7 litres, M113-engine 4.3 - 5.4 litres

APPLIES TO PART NO.:

Type	RUVILLE NO.:	OE NO.:
Intake 1	245110 (kit)	113 050 00 33
Intake 2	245111 (kit)	113 050 01 33
Exhaust	245112 (kit)	113 050 05 34

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. For each of these roller type rocker arms there are corresponding rocker arm kits available from the RUVILLE product range.

IMPORTANT NOTE!

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.

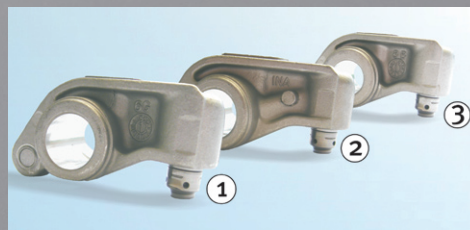


Figure 1: Overview of the three different rocker arm types



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

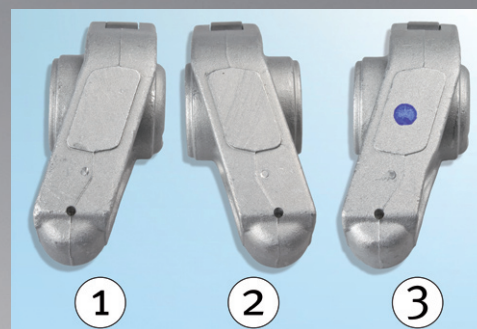


Figure 3: Rocker arm crank

Key to Figures 1 to 3:

- 1) Rocker arm type intake valve 245110 (kit)
- 2) Rocker arm type intake valve 245111 (kit)
- 3) Rocker arm type exhaust valve 245112 (kit)



INFORMATION

When replacing the hydraulic tappets, please consider changing the timing belt kit as well. The corresponding spare parts can be found in our online catalogue at www.ruville.de

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