

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

TECHNICAL INFO NO. 1017

## APPLIES TO MAKE/MODEL:

<b>Mercedes-Benz</b>	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 - 5.0 litres, M113-engine 4.3 - 5.4 litres

## APPLIES TO PART NO.:

Type	RUVILLE NO.:	OE NO.:
<b>Intake 1</b>	245110 (kit)	113 050 00 33
<b>Intake 2</b>	245111 (kit)	113 050 01 33
<b>Exhaust</b>	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. **These roller type rocker arms are available from the RUVILLE product range together with the hydraulic valve play compensation elements – as a rocker arm kit.**

### 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.

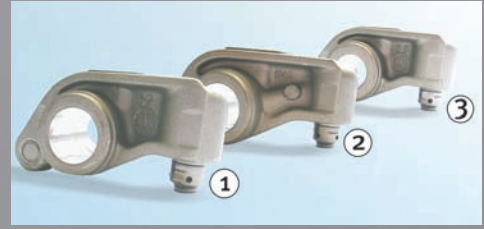


Figure 1: Overview of the three different rocker arm types



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

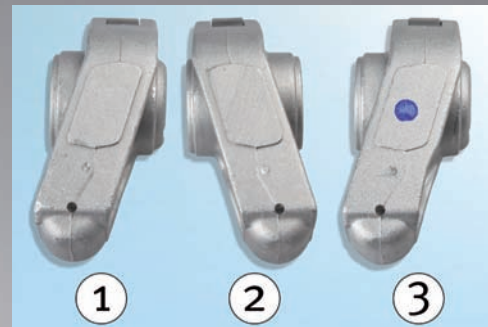


Figure 3: Rocker arm crank

### Key to Figures 1 to 3:

- 1) Rocker arm kit type intake valve 245110 (kit)
- 2) Rocker arm kit type intake valve 245111 (kit)
- 3) Rocker arm kit 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](http://www.ruville.de)