

Graded rolling contact rocker arms for BMW Valvetronic and PSA Prince engines

Vehicle manufacturer:

BMW, Citroen, Mini, Peugeot

OE-No.:

No.:	BMW:	PSA:
(1)	11 33 7 559 792	0903.H3
(2)	11 33 7 559 793	0903.H5
(3)	11 33 7 559 794	0903.H6
(4)	11 33 7 559 795	0903.H7
(5)	11 33 7 559 796	0903.H8

Item no:	(1)	(2)	(3)	(4)	(5)
	422 0221 10	422 0222 10	422 0223 10	422 0224 10	422 0225 10

You can find current vehicle classifications in our catalogue.

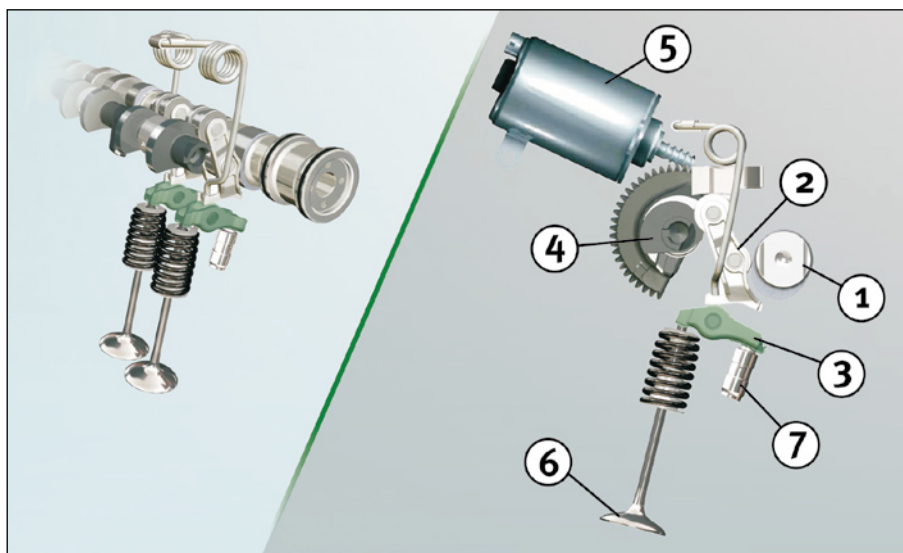


Image 1: System overview for BMW Valvetronic/Detailed view of system components

In BMW Valvetronic 6-cylinder petrol engines and PSA 4-cylinder Prince engines, graded rocker arms are fitted on the intake valve side and (on Prince engines only) on the outlet valve side and are identified with a number referring to its size.

We have five different rocker arms, each marked with a code (see Image 2).

Note:

The rocker arm must be replaced with a genuine part.

Technical background for Valvetronic engines (Image 1):

In this case the intake valve assumes the functions of the throttle valve and is not driven directly by the camshaft (1) but via an intermediate arm (2).

The intermediate arm (2), which is also classified, contains a rolling element in the centre on which the cams run. The lower end sits on the rolling element of the rocker arm (3) with hydraulic compensating element (7).

At the top, the arm (2) is connected to an eccentric shaft (4) via a second rolling element. An electric motor (5) rotates the eccentric shaft (4) according to the driver's required load status. The intermediate arm (2) transfers the rotation of the cams to the valve (6), depending on the position of the eccentric element. Variable adjustment of the system is carried out on the basis of the engine speed and the position of the accelerator.

With PSA Prince engines, the intermediate arm function is omitted.



Image 2: Rolling contact rocker arm marking

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

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Technical subject to change

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Note the specifications of the vehicle manufacturer!

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