

Document title Remove/install hydraulic valve clearance compensating elements

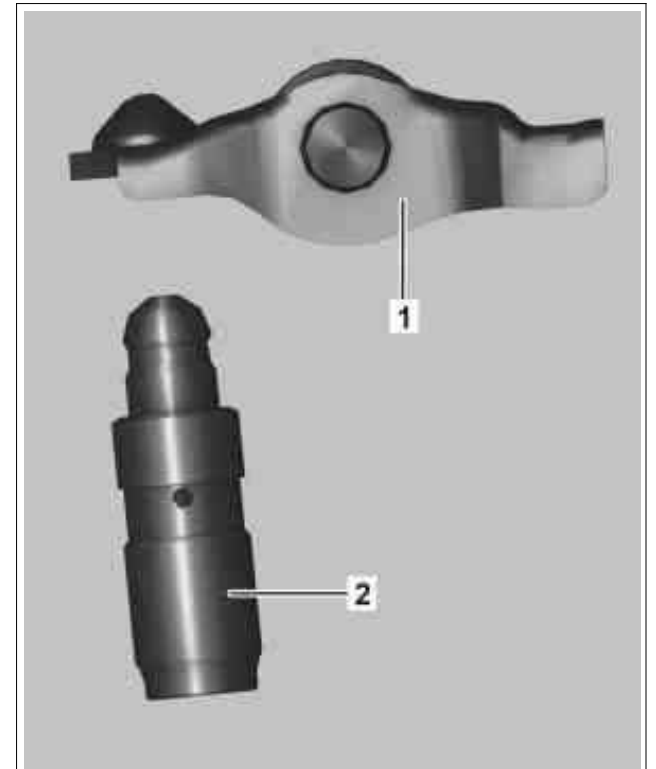
Document number ar0500p2011el

ENGINE 157, 276, 278 in MODEL 212, 218









Modification notes

25.3.14	Document adapted to changed repair method		
---------	---	--	--

- 1 Roller-type cam follower
2 Compensating element



P05.00-2096-02

	Remove/install		
1	Remove camshafts	 The camshaft positioners remain on the camshafts.	AR05.20-P-6992EL
2	Remove roller cam follower (1) and compensating element (2)	 When removing several compensating elements (2) make sure that roller-type cam follower (1) with compensation elements (2), which were not replaced, are reinstalled at the previous fitting point. Mark the roller cam follower (1) for the corresponding compensating element (2) if necessary.  Installation: Lubricate roller cam follower (1) and compensating element (2).	
	Check		
3	Check that compensating element (2) is functioning properly, and replace if necessary	 Only push compensating element (2) together by hand, do not use a steel tool. The surface of the compensating element (2) can get damaged otherwise.  The compensating element (2) should not allow itself to be pressed together by the normal force of the hand and also only slowly when using a strong force.  Check the pressure oil supply to the cylinder head if more than one compensating element (2) is defective.	
4	Install in the reverse order		
5	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Carry out an engine test run, checking the engine for proper operation and leaktightness	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A