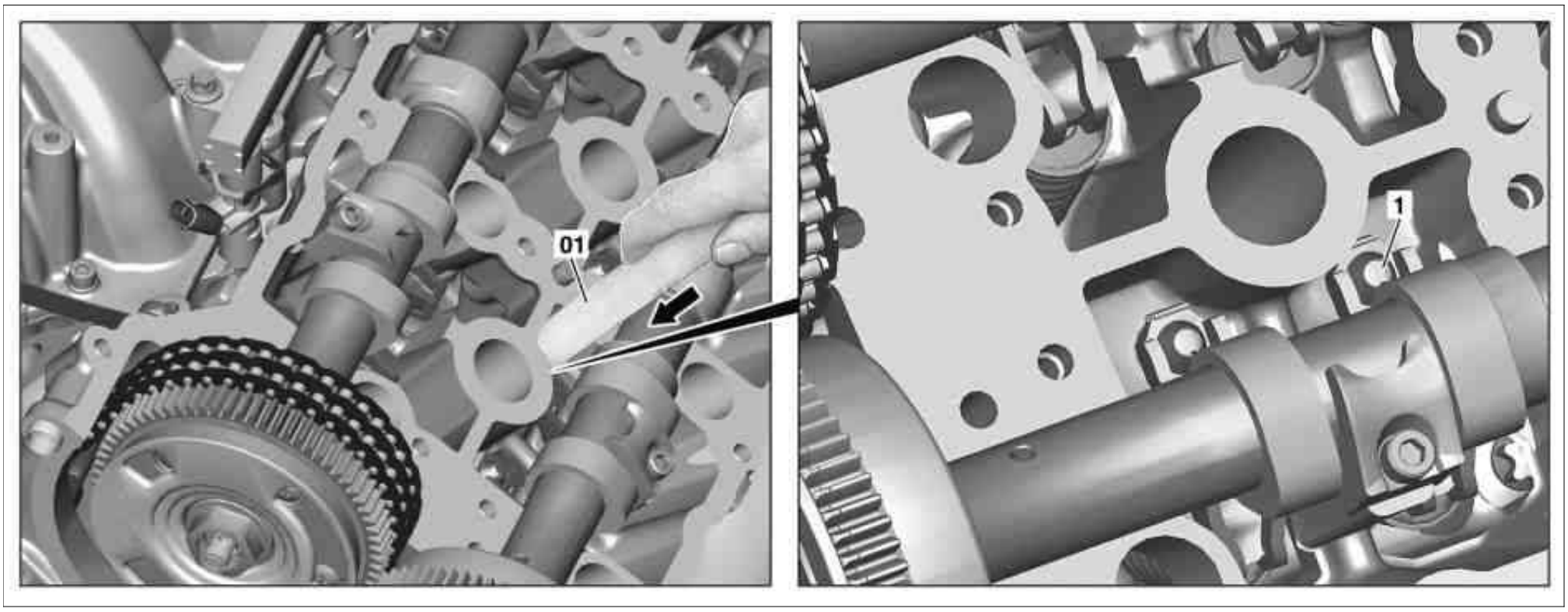
Document title	Check hydraulic valve clearance compensating elements
Document number	ar0500p2010el

ENGINE 157, 276, 278 in MODEL 212, 218



01 Drift

1 Roller cam follower

	Check		
1 AP AP AP	Check engine oil level; correct if necessary	 ENGINE 157 in MODEL 212, 218 ENGINE 276 in MODEL 212, 218 ENGINE 278 in MODEL 212, 218	 AP18.00-P-0101EWG AP18.00-P-0101CWZ AP18.00-P-0101EW
2	Start engine, bring to normal operating temperature and switch off	i Coolant temperature 60 to 80°C	
3	Remove cylinder head covers	Engine 276.8 - left cylinder head cover Engine 276.8 - right cylinder head cover Engine 276.9 - right cylinder head cover Engine 276.9 - left cylinder head cover Engine 157, 278 - right cylinder head cover Engine 157, 278 - left cylinder head cover	AR01.20-P-5013ELS AR01.20-P-5012ELS AR01.20-P-5012EEL AR01.20-P-5013EEL AR01.20-P-5012ELB AR01.20-P-5013ELB
4	Rotate engine at crankshaft until the cam on the valve clearance compensating element to be checked is at the base circle	i Do not turn engine against direction of engine rotation. If the roller-Model cam follower (1) does not touch the cam: ↓ Replace compensating element.	 AR05.00-P-2011EL
5	Compress compensating element, to do this depress the roller-Model cam follower (1) using a suitable drift (01)	Do not use a steel tool. Damage can occur to the surfaces can occur otherwise. i The compensating element should not be pressed together with the normal force of the hand but only very slowly when applying a strong pressure. i Check the pressure oil supply to the cylinder head if more than one compensating element is defective. If compensating element drops too strongly: ↓ Replace compensating element.	 AR05.00-P-2011EL
6	Install in the reverse order		

7	**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 and check engine for 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