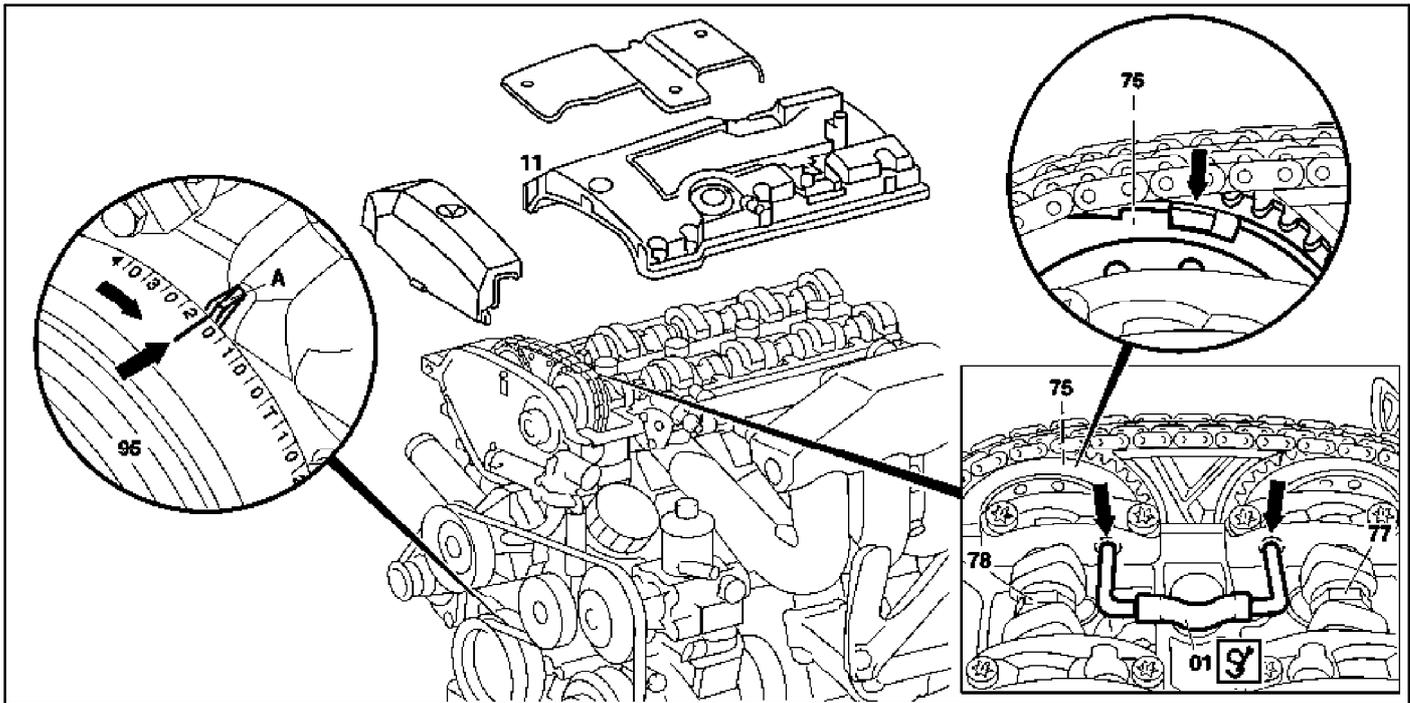
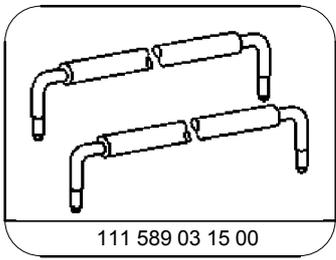


ENGINE 111



P05.20-0235-09

	Removal, installation		
1	Remove cylinder head cover (11)	<p>i Installation: pay attention to leaktightness of cylinder head cover ↓ Check that gasket of cylinder head cover is correctly seated</p>	AR01.20-P-5014-01A
	Checking		
2	Position piston of cylinder 1 to 20° after ignition TDC	<p>i Rotate crankshaft in direction of rotation of engine. The 20° marking (arrow) on belt pulley/vibration damper (95) must be aligned with the positioning edge (A) on the timing case cover. The cams of the inlet camshaft (78) and exhaust camshaft (77) of cylinder 1 are positioned up at an angle.</p>	
3	Check basic position of the camshafts	<p> Check whether positioning pin (01) can be inserted through the hole of one of the two camshaft bearing caps 1 or 6 into the positioning hole of the inlet or exhaust camshaft.</p> <p>i Due to the chain stretch the value of the inlet camshaft must be between 20° and 30°, and that of the exhaust camshaft between 25° and 35° after TDC.</p> <p>If incorrectly fitted (chain offset by 1 tooth), the value is changed by about 20° crank angle.</p> <p>i</p> <p>If necessary, after checking ↓ Set basic position of the camshafts</p> <p>i Engine with camshaft adjustment: the stops around the circumference (arrows) on the inlet camshaft sprocket (75) must be in "retarded" position (stop at the recesses of the flange shaft in direction of rotation of camshaft) (arrow).</p>	*111589031500 AR05.20-P-6020A
4	Install in the reverse order		



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Positioning pin