

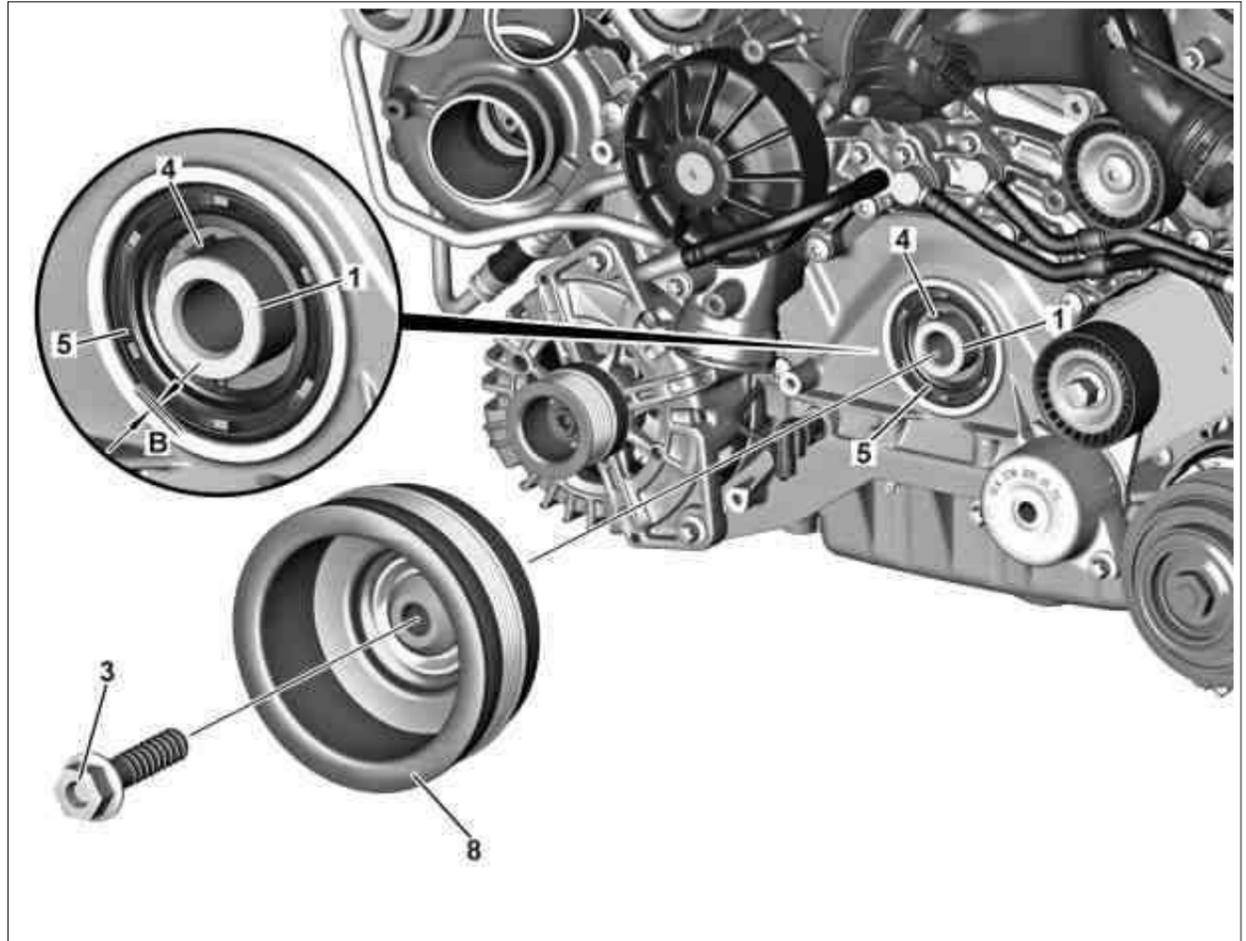
**Document title**      Replace front crankshaft radial sealing ring

**Document number**    ar0320p3000el

ENGINE 157, 276, 278 in MODEL 212, 218

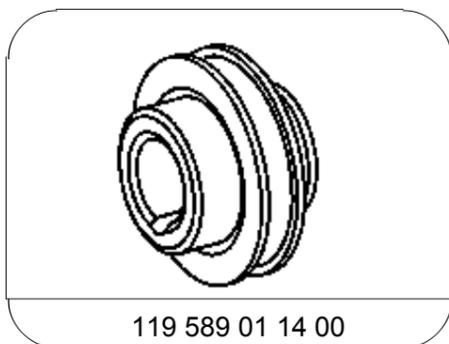
Shown on engine 276.9

- 1 Crankshaft
- 3 Crankshaft center bolt
- 4 Woodruff key
- 5 Crankshaft radial sealing ring
- 8 Belt pulley/vibration damper
- B Installation depth



P03.20-2318-06

	<b>Remove/install</b>		
1	Remove belt pulley/vibration damper (8)		AR03.30-P-1600EL
2	Press out crankshaft radial sealing ring (5) from the mounting hole using a screwdriver	Do not damage crankshaft and mounting hole. Use a clean rag as a base when pushing out. Leakage can occur otherwise. <b>Installation:</b> Install front crankshaft radial sealing ring (5). Sleeve	AR03.20-P-3000-01MM  *119589011400
	<b>Check</b>		
3	Check contact surface of crankshaft radial sealing ring (5) at hub of belt pulley/vibration damper (8)	Replace belt pulley/vibration damper (8) if there are score marks and galling.	
4	Install in the reverse order		
5	Check engine oil level; correct if necessary	MODEL 212, 218 with ENGINE 157 MODEL 212, 218 with ENGINE 276 MODEL 212, 218 with ENGINE 278	AP18.00-P-0101EWG AP18.00-P-0101CWZ AP18.00-P-0101EW
6	<b>Risk of accident</b> from vehicle starting off by itself when engine running. <b>Risk of injury</b> (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



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Sleeve