

Engine 274.9 in model 205

Engine 274.9 in model 253

1 Exhaust camshaft

2 Intake camshaft



P05.20-2385-11

⚠ Caution	Risk of injury caused by scraping or cutting body parts on sharp vehicle parts	Always wear protective gloves when working on or near sharp and non-deburred vehicle parts. Deburr repair panels.	AS00.00-Z-0017-01A
⚠ Caution	Risk of injury to skin and eyes due to handling of engine oil. Risk of poisoning caused by swallowing engine oil	Wear protective gloves, protective clothing and safety glasses. Do not fill engine oil into beverage containers.	AS18.00-Z-0001-01A
	Notes on avoiding damage through contamination and foreign objects		AH00.00-P-5000-01A
🔄 🔄	Remove/install		
1	Remove camshaft positioner		AR05.20-P-7201MRA
2	Remove hold-down tool for intake camshaft (2) and exhaust camshaft (1)	Bolt for camshaft hold-down tool	*BA05.20-P-1001-02K
3 🔧 BB	Remove intake camshaft (2) Specified engine oils (service) - Overview	Installation: Wet compensating elements and camshaft bearing points with engine oil. The cams of the intake camshaft (2) must point upwards at an angle on cylinder 1 after insertion of the intake camshaft (2) so that cams of the intake camshaft (2) and exhaust camshaft (1) must stand opposite to each other. Otherwise the intake camshaft (2) or exhaust camshaft (1) will be damaged.	BB00.40-P-0223-02A
4 🔧 BB	Remove exhaust camshaft (1) Specified engine oils (service) - Overview	Installation: Lubricate compensating elements, vacuum pump drive and camshaft bearing points with engine oil, the cams of the exhaust camshaft (1) must point upwards at an angle on cylinder 1 after insertion of the exhaust camshaft (1) so that cams of the intake camshaft (2) and exhaust camshaft (1) must stand opposite to each other. Otherwise the intake camshaft (2) or exhaust camshaft (1) will be damaged.	BB00.40-P-0223-02A
5	Check diameter of camshaft bearing journal for wear	Diameter of camshaft fitted bearing journal If wear is present, ↓ Replace intake camshaft (2) or exhaust camshaft (1).	*BE05.20-P-1002-03E
6	Install in the reverse order		

Check values for camshaft bearing

Number	Designation	Engine 274 except code A14 (Camtronic)	Engine 274 with code A14 (Camtronic)
BE05.20-P-1002-03E	Diameter of camshaft fitted bearing journal Standard size mm	31,947...31,963	31,947...31,963

Nm Camshaft, camshaft adjustment

Number	Designation	Engine 274
BA05.20-P-1001-02K	Bolt for camshaft hold-down tool Nm	28