

**11 36 Variable Camshaft Control**

	Type	Thread	Tightening specification	Measure
1AZ 4/2-way valve/solenoid valve to VANOS housing	M52 / M52TU / M54 / S52 / S50 US / M50 VANOS			30 Nm
2AZ Banjo bolt to VANOS adjustment unit	M52 / M52TU / M54 / S52 / S50 US / M50 VANOS	M14 x 1.5		32 Nm
3AZ Screw plug to VANOS adjustment unit	M52 / M52TU / M54 / S52 / S50 US / M50 VANOS	M22 x 1.5		50 Nm
4AZ Left-hand thread: Set screw for hydraulic piston to toothed shaft	M52TU / M54	M6		10 Nm
5AZ Hydr. line for VANOS on oil filter aggregate carrier	M52 / M52TU / M54 / S52 / S50 US / M50 VANOS			32 Nm
6AZ Collar nut on spline shaft	S50	M6		9 Nm
7AZ Cover to VANOS adjustment unit (hydraulic piston inlet side)	S50	M5		5 Nm
8AZ Filter screw to VANOS adjustment unit	S50	M10x1		12 Nm
9AZ Pressure line to VANOS adjustment unit	S62 / S54	M10x1		13 Nm
Pressure line to pressure accumulator and VANOS adjustment unit	S50	M12 x 1		20 Nm
10AZ Cover for solenoid valve to VANOS adjustment unit	S50 B 30	M5 8.8		6 Nm
	S50 B 32	M5 10.9		8 Nm
	S62	M7 10.9		19 Nm

11AZ Cover to VANOS adjustment unit (exhaust side)	S54 / S50 B 32	M6 10.9		13 Nm
12AZ Solenoid valve on distributor	M62 VANOS	M27x1.5		25 Nm
13AZ Left-hand thread: Exhaust sprocket wheel to exhaust camshaft	M62 VANOS	M12x1.5		125 Nm
14AZ Left-hand thread: Camshaft adjustment unit to inlet camshaft	M62 VANOS	M12x1.5		110 Nm
15AZ Left-hand thread: Nut of sensor gear screw fitting	M62 VANOS	M18x1.5		40 Nm
16AZ Adjustment unit to exhaust or inlet camshaft	N42	M10x1	Replace screws	
			Jointing torque	20 Nm
			Torque angle	90 °
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