

12 12 Spark Plugs
Tightening Torques

	Type	Thread	Tightening specification	Torque
1AZ Spark plugs (ungreased)	All	M12x1.25		23 ± 3 Nm
	All	M14x1.25		30 ± 3 Nm

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1212 Overview of tightening torques

Ignition coil to cylinder head cover			
Screw M6		Tightening torque	8Nm
Spark plugs			
M12x1.25		Tightening torque	23Nm
Spark plugs			
M12x1.25		Tightening torque	23Nm

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1213 Overview of tightening torques

Ignition coil		
Screw	Tightening torque	8Nm

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1214 Overview of tightening torques

Camshaft sensor for exhaust camshaft on cylinder head cover		
TS5x20	Tightening torque	4Nm
Camshaft sensor for intake camshaft on cylinder head cover		
TS5x20	Tightening torque	4Nm
Crankshaft sensor to crankcase		
Crankshaft sensor	Tightening torque	4,5Nm
Exhaust camshaft sensor to cylinder head cover		
TS5x20	Tightening torque	4Nm
Holder for transmission oil line		
Screw	Renew screw. Tightening torque	5Nm
Holder to end cover		
M6X16	Tightening torque	8Nm
Intake camshaft sensor to cylinder head cover		
TS5x20	Tightening torque	4Nm
Knock sensor to crankcase		
M8x30 Observe tightening torque without fail!	Tightening torque	21,5Nm
Thermostat holder to crankcase/end cover		
M6X16		8Nm

1241 Overview of Technical Data

Maximum permissible uninterrupted operating period of the starter motor	
	15 s

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1251 Overview of tightening torques

Wiring harness section for injectors and ignition coils to cylinder head cover			
M6		Tightening torque	6Nm
Wiring harness section of engine to cylinder head cover			
M6		Tightening torque	8Nm

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1252 Overview of tightening torques

Cable channel to cylinder head, rear		
M6x16		8Nm
Cable routing to cylinder head, rear		
M6 x 20	Tightening torque	8Nm
Grounding cable on cylinder head		
M6 x 16		8Nm

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1261 Overview of tightening torques

Oil level sensor to oil sump			
M6		Jointing torque	2Nm
		Tightening torque	8Nm

Oil level sensor to oil sump			
M6 hexagon nut		Jointing torque	2Nm
		Tightening torque	8,5Nm

Oil pressure switch to crankcase			
Sensor		Tightening torque	16,5Nm

Oil-level sensor to oil sump			
M6		Jointing torque	2,5Nm
		Tightening torque	8,5Nm