13 11 Carburetor

	Type	thread	tightening specification	Measure
1AZ Carburetor to intake manifold	M10 / M20 / M30			10 Nm
2AZ Carburetor to insulating flange	M10 / M20 / M30			10 Nm
3AZ Insulating flange to intake manifold	M10 / M20 / M30			10 Nm
4AZ Idling shut off valve; max.	M10 / M20 / M30			5 Nm
5AZ Flow valve; max.	M10 / M20 / M30			28 Nm
6AZ Throttle valve assembly to float housing; max.	M10 / M20 / M30			9 Nm
8AZ Throttle valve control to carburetor; max.	2BE			3 Nm
9AZ Warm-up regulator to engine	M10 / M20 / M30			23 Nm

13 31 Fuel Pump with Drive and Pipes

	Type	thread	tightening specification	Measure
1AZ Fuel pump to engine	All			12 Nm
2AZ Fuel pipe coupling bolt	All / with K-Jetr.	M8		9 Nm
3AZ Fuel pipe coupling bolt	All / with K-Jetr.	M12		20 Nm
4AZ Fuel pipe to pressure regulator	All / with L-Jetr.			30 Nm
5AZ Return pipe connector to pressure regulator	All / with L-Jetr.			27 Nm

	Type	Thread	Tightening specification	Measure
1AZ Fuel line to filter housing and injection pump				
Coupling nut	M21 / M51 / M41	M14 x 1.5		14 Nm
Adapter	M21 / M51 / M41	M12 x 1.5		9 Nm
Hollow bolt	M21 / M51 / M41	M14 x 1.5		14 Nm
2AZ Fuel filter to holder	M51 / M41	M8		22 Nm
3AZ Air duct to fuel cooler	M47			5.7 Nm
	M57			2 Nm
4AZ Fuel filter cover	M47			25 Nm
5AZ Fuel filter with holder to body	N42			8.8 Nm

	Type	Thread	Tightening specification	Measure
1AZ Plug for high pressure section of injection pump	M21 / M51 / M41			25 Nm
2AZ Distributor injection pump to holder	M21 / M51 / M41			25 Nm
3AZ Electric shutoff to injection pump	M21 / M51 / M41			20 ± 5 Nm
4AZ Electric cold start valve to injection pump	M21			20 Nm
5AZ Coupling bolt (OUT) to injection pump (fuel return)	M21 / M51 / M41			25 Nm
6AZ Pressure valve holder to injection pump	M21 / M51			45 Nm
7AZ Expansion element housing (temperature dependent idling speed boost) to injection pump	M21			18 Nm
8AZ Distributor injection pump to flange and console	M21 / M51 / M41			22 Nm
9AZ Electr. line on fuel cutout device	M51 / M41			2.5 Nm
10AZ Fuel feed line to injection pump (VP44)	M47			30 Nm
11AZ Fuel return line to injection pump (VP44)	M47			25 Nm
12AZ Plug for static basic adjustment (injection pump VP44)	M47			13 Nm
13AZ Blocking screw for injection pump shaft without spacer plate (injection pump VP44)	M47			31 Nm
14AZ Blocking screw for injection pump shaft with spacer plate (injection pump VP44)	M47			13 Nm
15AZ Injection line (union nut) to injection pump (VP44)	M47			30 Nm

	Type	Thread	Tightening specification	Measure
1AZ Fuel rail	N52, N52K	M6 x 12		9 ± 1 Nm
1AZ Fuel rail	N51	M6 x 16		9 ± 1 Nm

	Type	Thread	Tightening specification	Measure
1AZ Throttle-valve assembly to intake manifold	N52 / N52K / N51 / N53	M6 x 50		9 Nm

	Type	Thread	Tightening specification	Measure
1AZ Temperature time switch	M21 / M51			18 Nm
2AZ Coolant temperature sensor	M60/1 / M60/2 / M21 / M51			18 Nm
	All others			13 Nm
3AZ Temperature switch	All			28 Nm
4AZ Temperature sensor - air	All			13 Nm
5AZ Charge-air pressure sensor on holder	M51 / M41			4 Nm
Charge-air pressure sensor on intake manifold	M47			5 Nm
6AZ Twin temperature sensor (4-pin plug-in connection)	M41 / M43 / M44 / S50 / S52 / M52 / M57 / M67 / M62 / M73			13 Nm
7AZ Air-mass sensor on lower section of air filter housing	M51			3.5 Nm
Air-mass flow sensor to cylinder head cover	M47 / M47TU / M57 / M57TU			4.5 Nm
8AZ Pulse generator, camshaft to cylinder head cover	M57			4.5 Nm
	M47TU / M57TU			3.5 Nm
9AZ Intake neck on air-mass flow sensor	M47			9 Nm

13 64 Fuel Injectors

	Type	Thread	Tightening specification	Measure
1AZ Fuel injector to intake manifold	All	M6		10 Nm
2AZ Coupling nut on fuel injector	All / with K-Jetr.			25 Nm