■ 1KZ-TE ENGINE

1. General

EGR system with valve position sensor has been adopted in order to comply with the European STEP II regulations.

▶ Engine Specifications ◀

Model			New	Previous
No. of Cyls. & Arrangement			4-Cylinder, In-Line	←
Valve Mechanism			8-Valve OHC, Gear & Belt Drive	←
Combustion Chamber			Swirl Type	←
Manifolds			Cross-Flow	←
Fuel System			EFI	←
Displacement cm^3 (cu. in.)			2982 (182.0)	←
Bore x Stroke mm (in.)			96.0 x 103.0 (3.78 x 4.06)	←
Compression Ratio			21.0 : 1	←
Max. Output EEC			85 kW @ 3600 rpm	←
Max. Torque EEC			315 N·m @ 2000 rpm	←
Valve Timing	Intake	Open	6° BTDC	←
		Close	32° ABDC	←
	Exhaust	Open	53° BBDC	←
		Close	3° ATDC	←
Firing Order			1-3-4-2	←
Fuel Cetane Number			50 or more	←
Emission Regulation			European STEP II	
Oil Grade			API CF-4 or CF	←