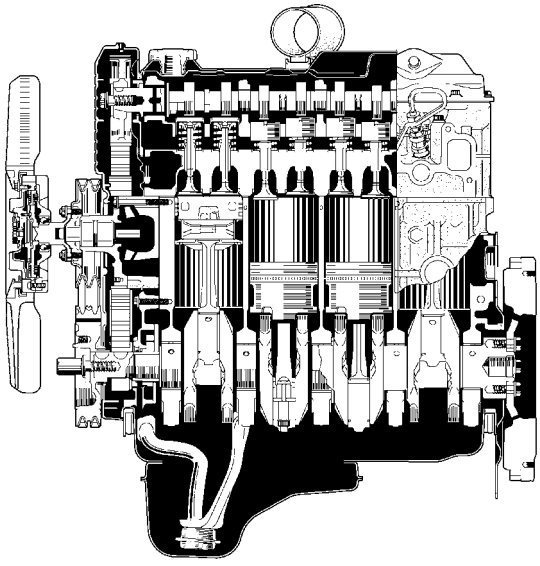
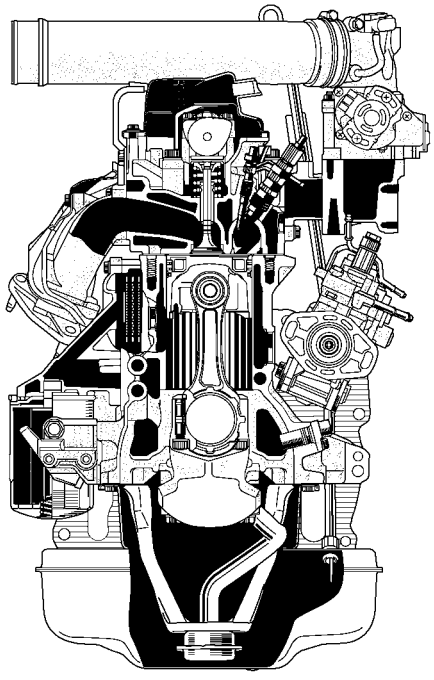
5L-E ENGINE

■ DESCRIPTION

The 5L-E engine is an in-line 4-cylinder, 3.0-liter, 8-valve OHC diesel engine. In addition, an EFI (Electronic Fuel Injection) system is used to achieve cleaner emissions.



291EG01



291EG02

▶ Engine Specifications ◀

No. of Cyls. & Arrangement			4-cylinder, In-line
Valve Mechanism			8-valve OHC, Belt Drive
Combustion Chamber			Swirl Type
Manifolds			Cross-flow
Fuel System			Distributor Type (Electronically Controlled)
Displacement			2986 cm^3 (182.2 cu.in.)
Bore × Stroke			99.5 × 96.0 mm (3.92 × 3.78 in.)
Compression Ratio			22.2 : 1
Max. Output (EEC)			70 kW @ 4000 rpm
Max. Torque (EEC)			197 N·m @ 2200 rpm
Valve Timing	Intake	Open	6° BTDC
		Closed	50° ABDC
	Exhaust	Open	53° BBDC
		Closed	3° ATDC
Firing Order			1 – 3 – 4 – 2
Fuel Cetane Number			50 or Higher
Emission Regulation			—
Engine Service Mass* (Reference)			230 kg (507 lb)

*: Weight shows the figure with the oil and water fully filled.

▶ Performance Curve ◀

