

NEW FEATURES

■ 5L-E ENGINE

1. General

This engine is based on the 5L engine that is equipped on the previous model. To realize cleaner emissions, improved drivability, and reduced vibration, the following features have been adopted:

- 1) Diesel EFI system
- 2) EGR system with valve position sensor and catalytic converter for oxidation
(meets the European STEP III regulation requirements)
- 3) Intake Restrictor Control

► Engine Specification ◀

Model			New	Previous
Engine Type			5L-E	5L
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)	Distributor Type (Mechanically Controlled)
Displacement		cm ³ (cu. in.)	2986 (182.2)	←
Bore × Stroke		mm (in.)	99.5 × 96.0 (3.92 × 3.78)	←
Compression Ratio			22.2 : 1	←
Max. Output		(EEC)	66 kw @ 4000 rpm	←
Max. Torque		(EEC)	192 N·m @ 2400 rpm	←
Valve Timing	Intake	Open	6° BTDC	←
		Close	50° ABDC	42° ABDC
	Exhaust	Open	53° BBDC	←
		Close	3° ATDC	←
Fuel Cetane Number			50 or more	←
Dry Weight		kg (lb)	Approx. 225 (496)	Approx. 213 (470)
Oil Grade			API CD or Better	←