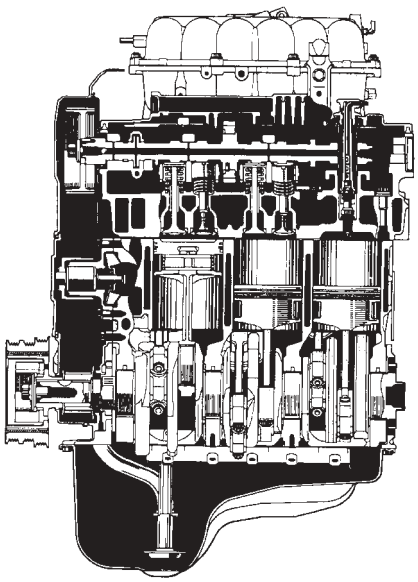
NEW FEATURES

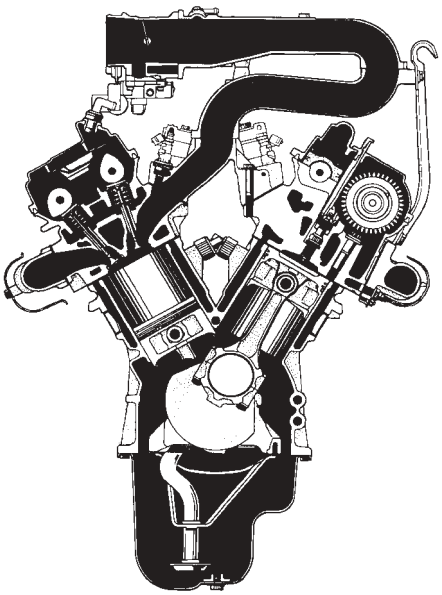
■5VZ-FE ENGINE

1. General

- The 5VZ-FE engine is a V6, 3.4-liter, 24-valve DOHC engine. This engine meets the European STEP II regulations.
- This engine is based on the 5VZ-FE engine equipped on the previous Land Cruiser Prado (90 series). See page 305 for the major differences of this engine from the previous Land Cruiser Prado (90 series).



164EG01

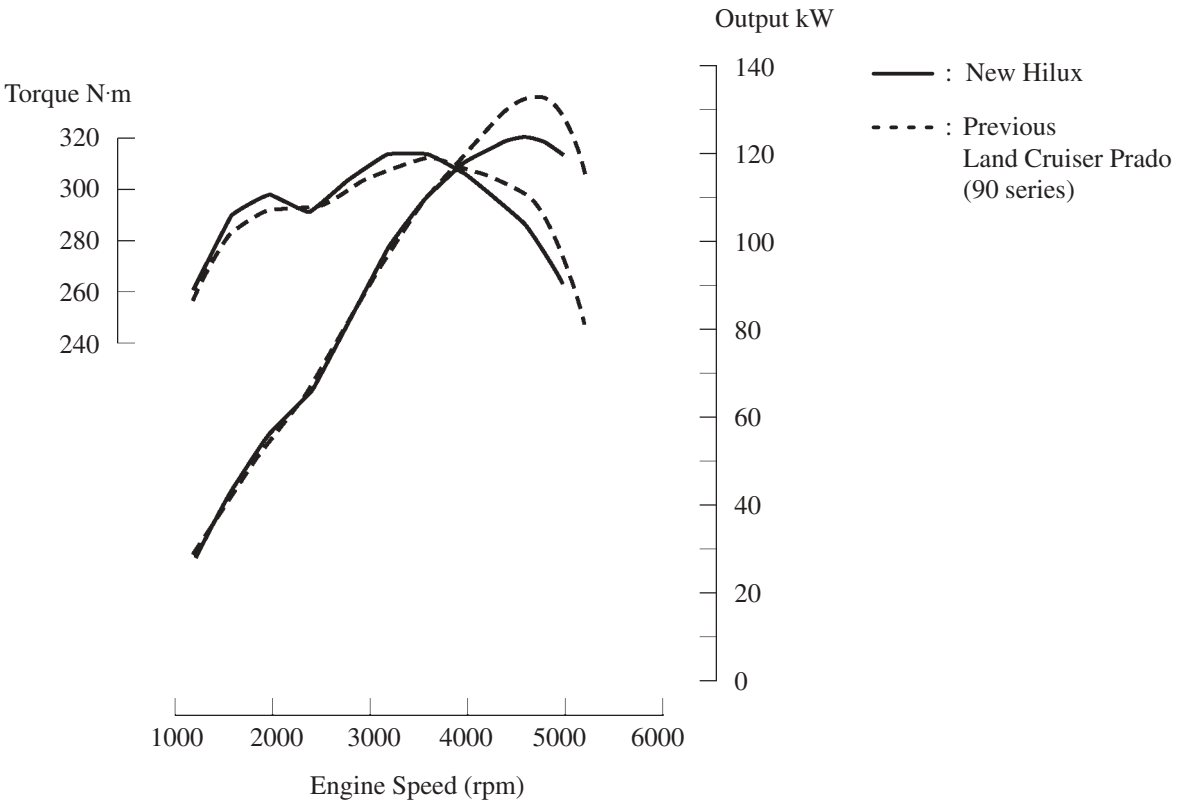


164EG02

▶ Engine Specifications ◀

Model			New Hilux	Previous Land Cruiser Prado (90 series)
No. of Cyls. & Arrangement			6-Cylinder, V Type	←
Valve Mechanism			24-Valve DOHC, Belt & Gear Drive	←
Combustion Chamber			Pentroof Type	←
Manifolds			Cross-Flow	←
Fuel System			EFI	←
Ignition System			DIS	←
Displacement		cm^3 (cu. in.)	3378 (206.1)	←
Bore x Stroke		mm (in.)	93.5 x 82.0 (3.68 x 3.23)	←
Compression Ratio			9.6 : 1	←
Max. Output		SAE-NET	124 kW @ 4600 rpm	132 kW @ 4800 rpm
Max. Torque		SAE-NET	291 N·m @ 3600 rpm	290 N·m @ 3600 rpm
Valve Timing	Intake	Open	4° BTDC	←
		Close	42° ABDC	←
	Exhaust	Open	46° BBDC	←
		Close	4° ATDC	←
Firing Order			1-2-3-4-5-6	←
Research Octane Number			91 or more	←
Emission Regulation			European STEP II	—
Oil Grade			API SL-EC or ILSAC	←
Engine Service Mass		kg (lb)	M/T: 189 (416.7) A/T: 179 (394.6)	M/T: 187 (412.3) A/T: 177 (390.2)

▶ Performance Curve ◀



229HL07