

■ 1HD-FTE ENGINE

1. General

- A pipe, which retrieves the engine oil that has accumulated in the intercooler pipe, is provided on the throttle body.
- An intake restrictor control system, which uses the same step motor type intake restrictor valve that is used on the Europe model, has been adopted on the models for Australia and general countries.
- An oxidation catalytic converter has been provided on the model for Australia to comply with the European STEP-II regulations.

► Engine Specifications ◀

Model			Australia	General Countries
No. of Cyls. & Arrangement			6-Cylinder, In-line	←
Valve Mechanism			24-Valve OHC, Gear and Belt Drive	←
Combustion Chamber			Direct Injection Type	←
Manifolds			Cross-Flow	←
Fuel System			EFI	←
Displacement		cm ³ (cu. in.)	4164 (254.0)	←
Bore x Stroke		mm (in.)	94.0 x 100.0 (3.70 x 3.94)	←
Compression Ratio			18.8 : 1	←
Max. Output		SAE-NET	150 kW @ 3400 rpm	151 kW @ 3400 rpm
Max. Torque		SAE-NET	430 N·m @ 1400 ~ 3200 rpm	431 N·m @ 1800 rpm
Valve Timing	Intake	Open	12° BTDC	←
		Close	24° ABDC	←
	Exhaust	Open	54° BBDC	←
		Close	12° ATDC	←
Firing Order			1-4-2-6-3-5	←
Fuel Cetane Number			48 or more	←
Emission Regulation			European STEP II	—
Oil Grade			API CF-4	←
Engine Service Mass		kg (lb.)	M/T : 348 (767) A/T : 341 (752)	M/T : 347 (765) A/T : 340 (750)