NEW FEATURES

2AD-FHV ENGINE

■ DESCRIPTION

2AD-FHV engine specifications on models with automatic transaxle and models with manual transaxle are as follows:

▶ Engine Specifications ◀

No. of Cyls. & Arrangement			4-cylinder, In-line
Valve Mechanism			16-valve DOHC, Chain and Gear Drive
Combustion Chamber			Direction Injection Type
Manifold			Cross-flow
Fuel System			Common-rail Type
Displacement			2231 cm^3 (136.1 cu. in.)
Bore × Stroke			86.0 mm × 96.0 mm (3.39 in. × 3.78 in.)
Compression Ratio			15.7 : 1
Max. Output [EEC]		M/T	130 kW @ 3600 rpm
		A/T	110 kW @ 3600 rpm
Max. Torque [EEC]		M/T	400 N·m @ 2000 – 2800 rpm
		A/T	340 N·m @ 2000 – 2800 rpm
Valve Timing	Intake	Open	2° BTDC
		Closed	31° ABDC
	Exhaust	Open	51° BBDC
		Closed	2° ATDC
Firing Order			1 – 3 – 4 – 2
Fuel Cetane Number			48 or higher
Emission Regulation			EURO V
Engine Service Mass* (Reference)		M/T	198 kg (437 lb)
		A/T	182 kg (401 lb)

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

▶ Performance Curve ◀

