

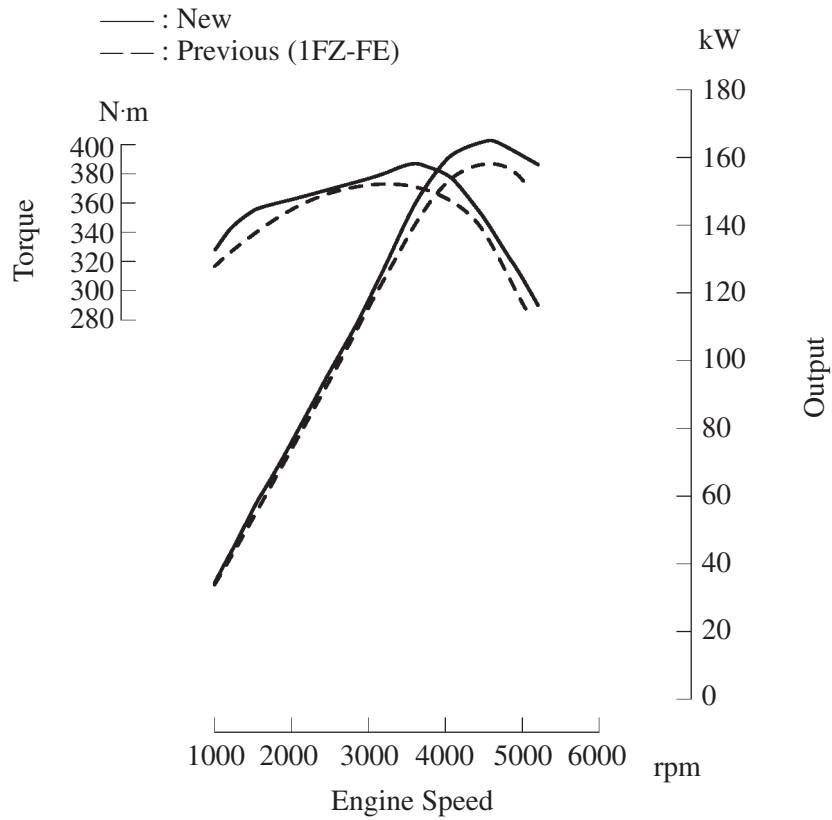
ENGINE SPECIFICATIONS AND PERFORMANCE CURVES

Model Engine Item			New	Previous	
			1FZ-FE	1FZ-FE	1FZ-F
No. of Cyls. & Arrangement			6-Cylinder, In-Line		
Valve Mechanism			24-Valve DOHC, Chain & Gear Drive		
Combustion Chamber			Pentroof Type		
Manifolds			Cross-Flow		
Fuel System			EFI	←	Carburetor
Displacement cm ³ (cu. in.)			4477 (273.1)	←	←
Bore x Stroke mm (in.)			100 x 95.0 (3.97 x 3.74)	←	←
Compression Ratio			9.0 : 1	←	8.5
Max. Output		SAE-NET*1	165 kW @ 4600 rpm	158 kw @ 4600 rpm	145 kw @ 4400 rpm
		SAE-GROSS*2	179 kW @ 4600 rpm	171 kW @ 4600 rpm	157 kW @ 4600 rpm
Max. Torque		SAE-NET*1	387 N·m @ 3600 rpm	373 N·m @ 3200 rpm	363 N·m @ 2800 rpm
		SAE-GROSS*2	407 N·m @ 3600 rpm	392 N·m @ 3200 rpm	373 N·m @ 3000 rpm
Valve Timing	Intake	Open	5° BTDC	←	←
		Close	40° ABDC	←	←
	Exhaust	Open	40° BBDC	←	←
		Close	5° ATDC	←	←
Fuel Octane Number (RON)			91	←	←
Oil Grade			API SH EC-II, SJ EC or ILSAC	←	←

*1: For Australia and General Countries

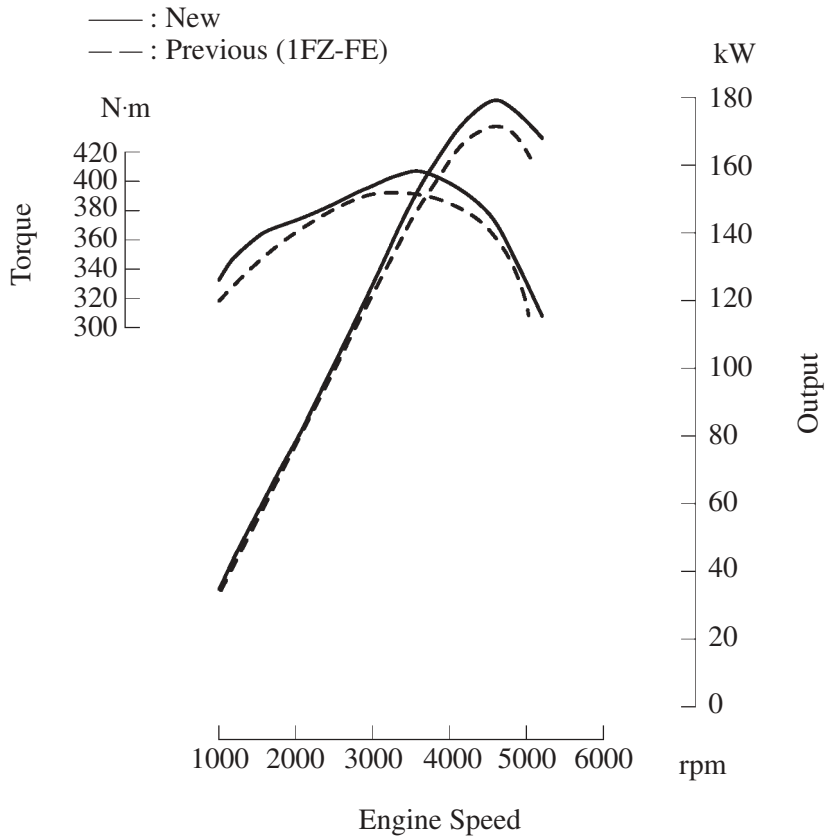
*2: For G.C.C. Countries

► Australia and General Countries (SAE-NET) ◀



147EG01

► G.C.C. Countries (SAE-GROSS) ◀



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