

■ TORQUE CONVERTER AND PLANETARY GEAR UNIT

- The shape of the turbine blades in the torque converter has been optimized to accommodate the high-performance 2UZ-FE engine.
- The rear planetary gears use 5 pinion gears to accommodate the high-performance 2UZ-FE engine.

► Specifications ◀

Engine Type				2UZ-FE
Item				
Torque Converter	Converter Type			3-Element, 1-Step, 2-Phase, with Lock-Up Mech
	Stall Torque Ratio			1.770
Planetary Gear Unit	C ₁	Forward Clutch	The No. of Discs	7
	C ₂	Direct Clutch		5
	C ₀	OD Direct Clutch		2
	B ₁	2nd Coast Brake	Band Width mm (in.)	40 (1.57)
	B ₂	2nd Brake	The No. of Discs	5
	B ₃	1st & Reverse Brake		7
	B ₀	OD Brake		5
	F ₁	No.1 One-Way Clutch	The No. of Sprags	22
	F ₂	No.2 One-Way Clutch		28
	F ₀	OD One-Way Clutch		24
	Front Planetary Gear		The No. of Sun Gear Teeth	42
			The No. of Pinion Gear Teeth	19
			The No. of Ring Gear Teeth	79
	Rear Planetary Gear		The No. of Sun Gear Teeth	33
			The No. of Pinion Gear Teeth	23
			The No. of Ring Gear Teeth	79
	OD Planetary Gear		The No. of Sun Gear Teeth	31
			The No. of Pinion Gear Teeth	33
			The No. of Ring Gear Teeth	95