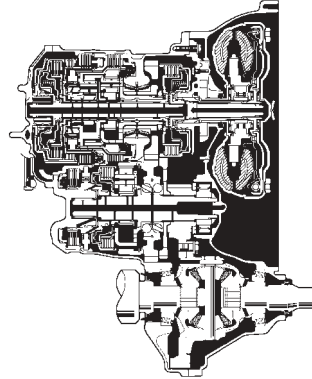


■ U151E AUTOMATIC TRANSAXLE

1. General

U151E automatic transmission has been newly adopted on all the 2AZ-FSE engine models for Europe. These automatic transaxles newly developed, compact, lightweight, and high-capacity 5-speed Super ECT (Electronically Controlled Transaxle).



U151E Automatic Transaxle

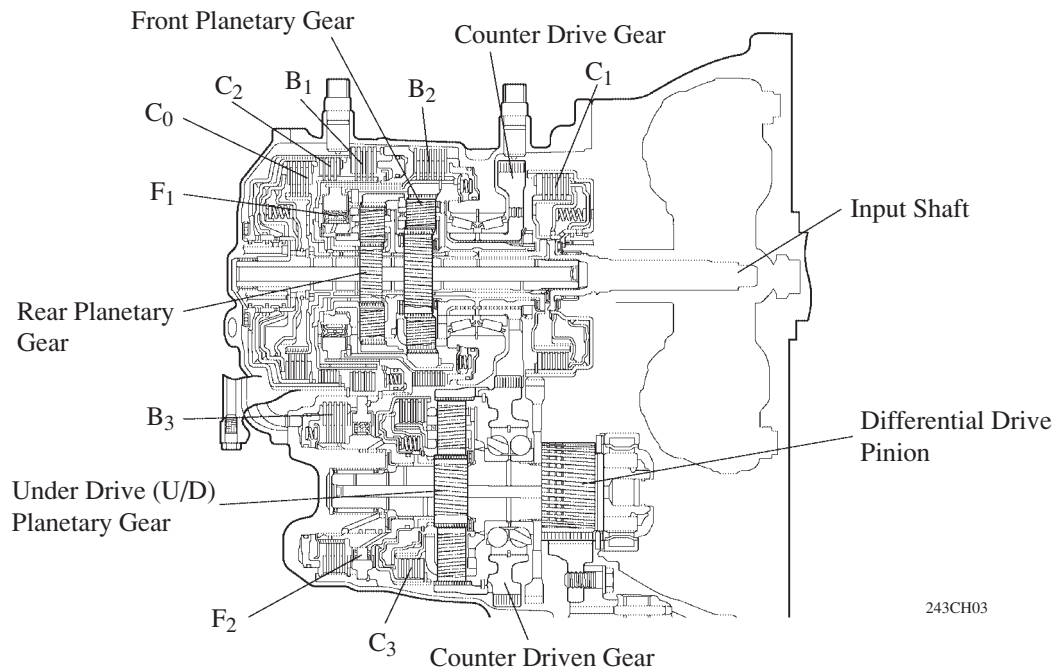
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► Specifications ◀

Engine Type		2AZ-FSE	1AZ-FSE
Transaxle Type		U151E	U241E
Gear Ratio*1	1st	4.235	3.943
	2nd	2.360	2.197
	3rd	1.517	1.413
	4th	1.047	1.020
	5th	0.756	—
	Reverse	3.378	3.145
Differential Gear Ratio		3.478	2.923
Fluid Capacity	Liters (US qts, Imp. qts)	8.8 (9.3, 7.7)	8.6 (9.1, 7.6)
Fluid Type		ATF Type T-IV	←
Weight (Reference)*2	kg (lb)	98.3 (216.5)	88 (193.8)

*1: Counter Gear Ratio Included

*2: Weight shows the figure with the fluid fully filled.



► Specifications ◀

Transaxle Type			U151E	U241E
C ₁	Forward Clutch	The No. of Discs	5	4
C ₂	Reverse Clutch		3	←
C ₃	U/D Direct Clutch		3	←
C ₀	Direct & O/D Clutch		4	—
B ₁	2nd & O/D Brake		4	3
B ₂	1st & Reverse Brake		6	5
B ₃	U/D Brake		3	←
F ₁	No.1 One-Way Clutch	The No. of Sprags	22	←
F ₂	U/D One-Way Clutch		24	15
Front Planetary Gear	The No. of Sun Gear Teeth		43	←
	The No. of Pinion Gear Teeth		17	←
	The No. of Ring Gear Teeth		77	←
Rear Planetary Gear	The No. of Sun Gear Teeth		31	←
	The No. of Pinion Gear Teeth		19	←
	The No. of Ring Gear Teeth		69	←
U/D Planetary Gear	The No. of Sun Gear Teeth		35	32
	The No. of Pinion Gear Teeth		28	26
	The No. of Ring Gear Teeth		91	83
Counter Gear	The No. of Drive Gear Teeth		52	50
	The No. of Driven Gear Teeth		57	51