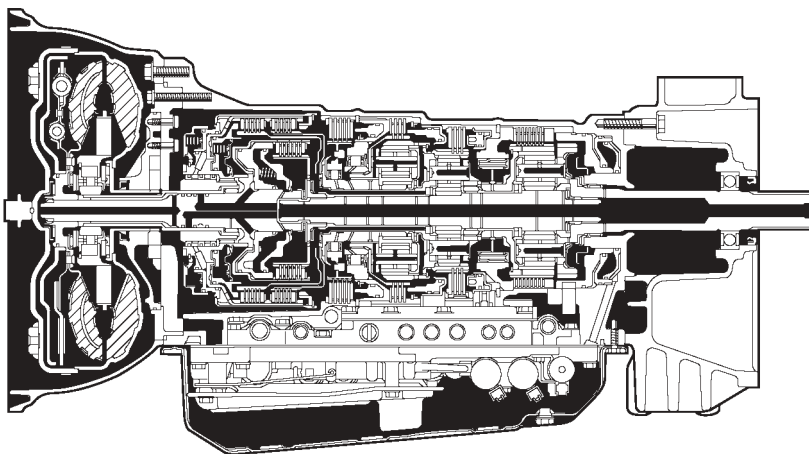


■ A750F AUTOMATIC TRANSMISSION

1. General

A newly developed A750F 5-speed automatic transmission [Super ECT (Electronically Controlled Transmission)] has been adopted on all the 2UZ-FE engine models and on the 1HD-FTE engine models for Australia and general countries.

In addition, the vehicle's fuel economy and driving performance have been improved by the change into a 5-speed.



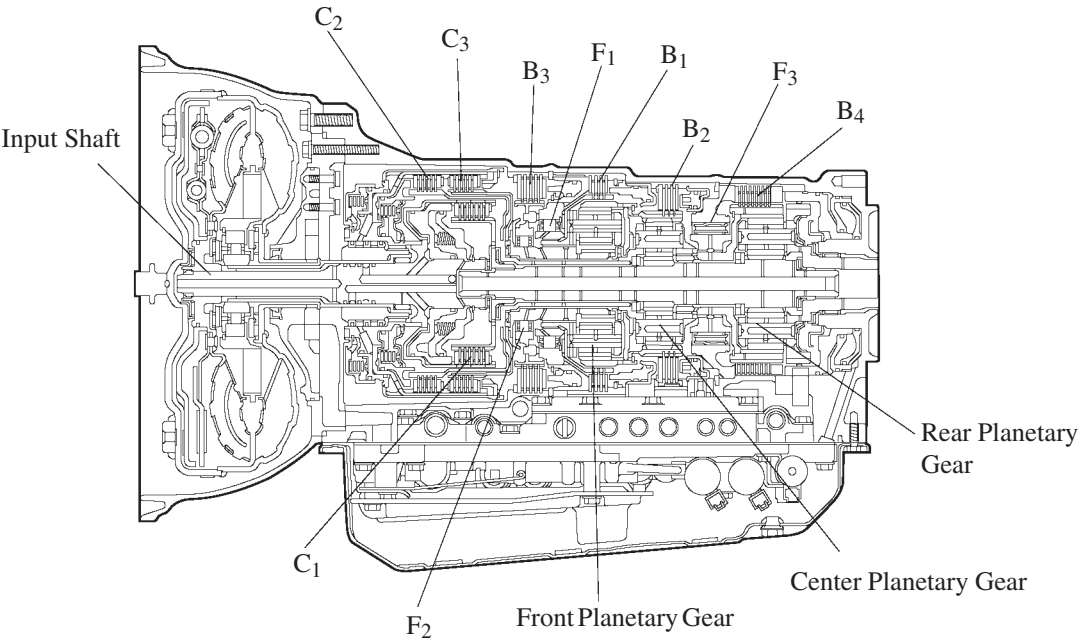
229LC170

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► Specifications ◀

Model		New		Previous	
Transmission Type		A750F		A343F	A442F
Engine Type		2UZ-FE	1HD-FTE*	2UZ-FE	1HD-FTE
Gear Ratio	1st	3.520	←	2.804	2.950
	2nd	2.042	←	1.531	1.530
	3rd	1.400	←	1.000	1.000
	4th	1.000	←	0.754	0.765
	5th	0.716	←	—	—
	Reverse	3.224	←	2.393	2.678
Fluid Capacity Liters (US qts, Imp. qts)		10.8 (11.4, 9.5)	11.4 (12.0, 10.0)	12.0 (12.7, 10.6)	14.0 (14.8, 12.3)
Fluid Type		ATF Type T-IV	←	ATF D-II or equivalent	←
Dry Weight	kg (lb)	79.9 (176.1)	85.7 (188.9)	78.6 (173.3)	100.0 (220.5)

*: except Europe Model



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► Specifications ◀

Model			A750F		
			2UZ-FE	1HD-FTE	
C ₁	No.1 Clutch	The No. of Discs	6	7	
C ₂	No.2 Clutch		5	6	
C ₃	No.3 Clutch		5	←	
B ₁	No.1 Brake		3	4	
B ₂	No.2 Brake		3	4	
B ₃	No.3 Brake		4	←	
B ₄	No.4 Brake		8	←	
F ₁	No.1 One-Way Clutch	The No. of Sprags	24	←	
F ₂	No.2 One-Way Clutch		25	←	
F ₃	No.3 One-Way Clutch		26	←	
Front Planetary Gear		The No. of Sun Gear Teeth		40	←
		The No. of Pinion Gear Teeth	Inner	21	←
			Outer	22	←
		The No. of Ring Gear Teeth		91	←
Center Planetary Gear		The No. of Sun Gear Teeth		31	←
		The No. of Pinion Gear Teeth		23	←
		The No. of Ring Gear Teeth		77	←
Rear Planetary Gear		The No. of Sun Gear Teeth		25	←
		The No. of Pinion Gear Teeth		19	←
		The No. of Ring Gear Teeth		63	←