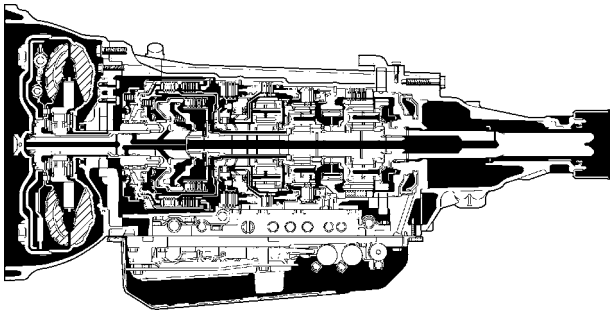
CHASSIS

A750E AND A750F AUTOMATIC TRANSMISSIONS

■ DESCRIPTION

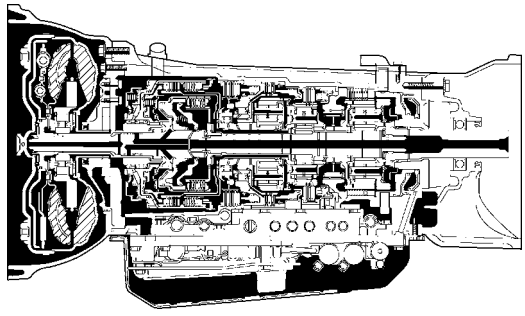
An A750E (for 2WD models) or A750F (for 4WD models) 5-speed Super ECT (Electronic Controlled Transmission) is used. The only difference between the A750E and A750F is in the extension housing and output shaft.

- These automatic transmissions are equipped with multi-mode automatic transmission function. For details, see page CH-33.
- These automatic transmissions are equipped with an ATF warmer as standard equipment to warm up ATF. For details, see page CH-5.
- All models are also equipped with an ATF cooler as an option to ensure high ATF cooling performance. For details, see page CH-5.
- A low-viscosity type transmission fluid (Toyota Genuine ATF WS) is used. For details, see page CH-9.



04E0CH125C

A750E (For 2WD Models)



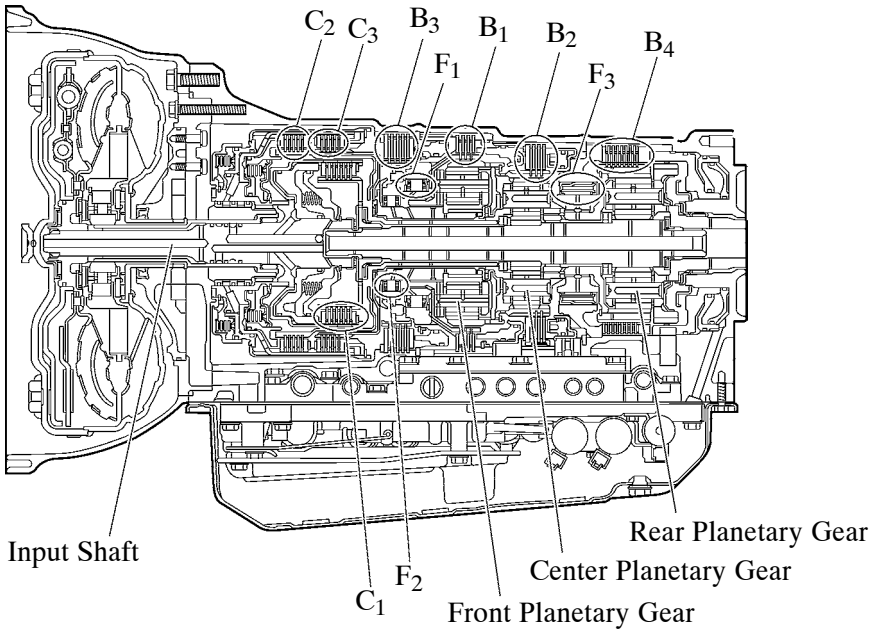
04E0CH124C

A750F (For 4WD Models)

▶ Specifications ◀

Engine Type		2UZ-FE	
Transmission Type		A750E	A750F
Drive Type		2WD	4WD
Gear Ratio	1st	3.520	←
	2nd	2.042	←
	3rd	1.400	←
	4th	1.000	←
	5th	0.716	←
	Reverse	3.224	←
Fluid Type		Toyota Genuine ATF WS	←
Fluid Capacity Liters (US qts, Imp. qts)	Without ATF Cooler	10.5 (11.1, 9.2)	←
	With ATF Cooler	11.1 (11.7, 9.8)	←
Weight (Reference)* kg (lb)	Without ATF Cooler	84.7 (186.7)	85.5 (188.5)
	With ATF Cooler	85.2 (187.8)	86.0 (189.6)

*: The figure shown is the weight of the part including fluid.



Transmission Type				A750E, A750F
C_1	No. 1 Clutch	The No. of Discs		7
C_2	No. 2 Clutch			6
C_3	No. 3 Clutch			5
B_1	No. 1 Brake			4
B_2	No. 2 Brake			3
B_3	No. 3 Brake			4
B_4	No. 4 Brake			8
F_1	No. 1 One-way Clutch	The No. of Sprags		18
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	22
			Outer	21
		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