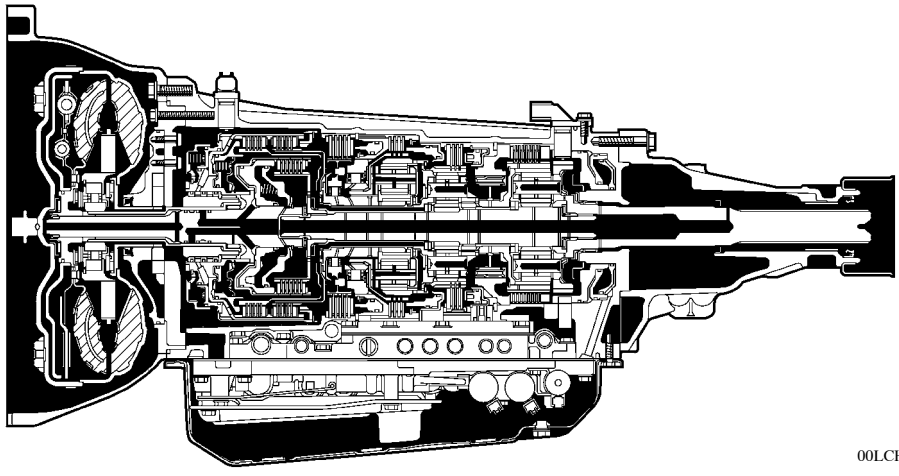
A750E AND A750F AUTOMATIC TRANSMISSIONS

■ DESCRIPTION

- The new Hilux uses the A750E (for 2WD model) and A750F (for 4WD model) automatic transmissions on models with the 1GR-FE and 1KD-FTV engine. These automatic transmissions are 5-speed Super ECTs (Electronic Controlled Transmissions) that improve the vehicle's fuel economy and driving performance.
- The only difference between the A750E and A750F is in the extension housing and output shaft.
- A low-viscosity type transmission fluid (Toyota Genuine ATF WS) is used.
- A flex lock-up clutch control is used on models with the 1KD-FTV engine.

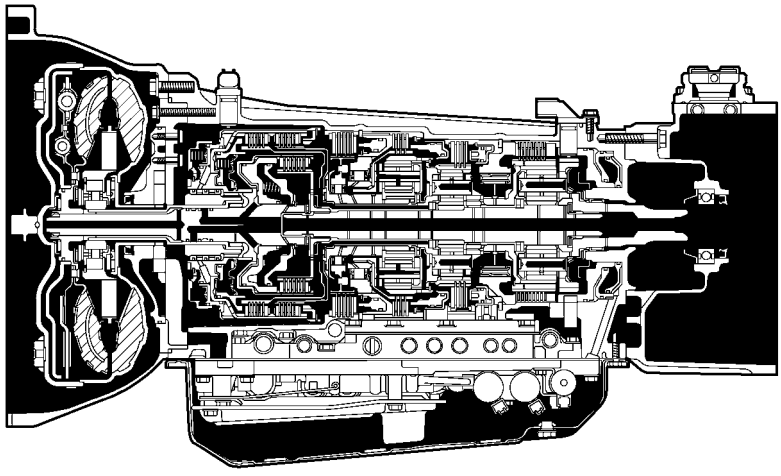
Transmission Type	A750E	A750F
Drive Type	2WD	4WD
Engine Type	1GR-FE	1GR-FE
		1KD-FTV

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A750E Automatic Transmission



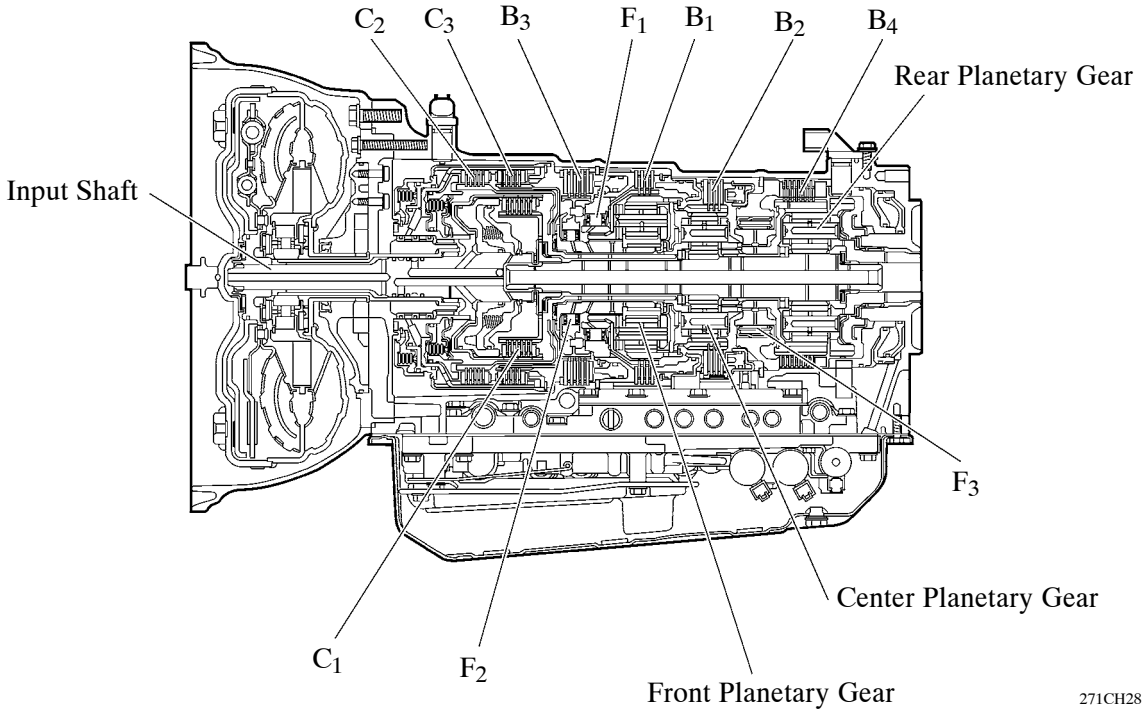
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A750F Automatic Transmission

▶ Specifications ◀

Transmission Type		A750E	A750F	
Engine Type		1GR-FE	1GR-FE	1KD-FTV
Gear Ratio	1st	3.520	←	←
	2nd	2.042	←	←
	3rd	1.400	←	←
	4th	1.000	←	←
	5th	0.716	←	←
	Reverse	3.224	←	←
Fluid Capacity Liters (US qts, Imp. qts)		10.6 (11.2, 9.3)	←	←
Fluid Type		Toyota Genuine ATF WS	←	←
Weight (Reference)* kg (lb)		86.3 (190.3)	87.1 (191.6)	←

*: Weight show the figure with the fluid fully filled.



▶ Clutch, Brake and Planetary Gear Specifications ◀

Transmission Type				A750E	A750F	
Engine Type				1GR-FE	1GR-FE	1KD-FTV
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	←	←
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	←	←