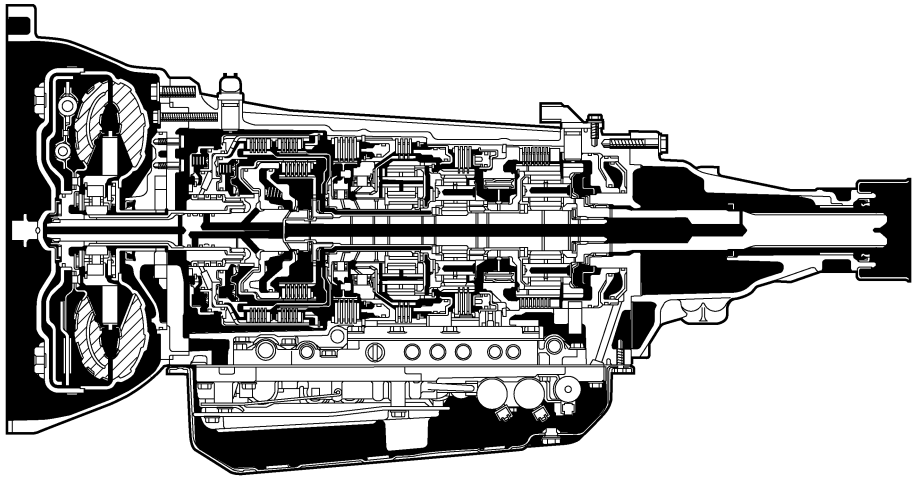
A750E AND A750F AUTOMATIC TRANSMISSIONS

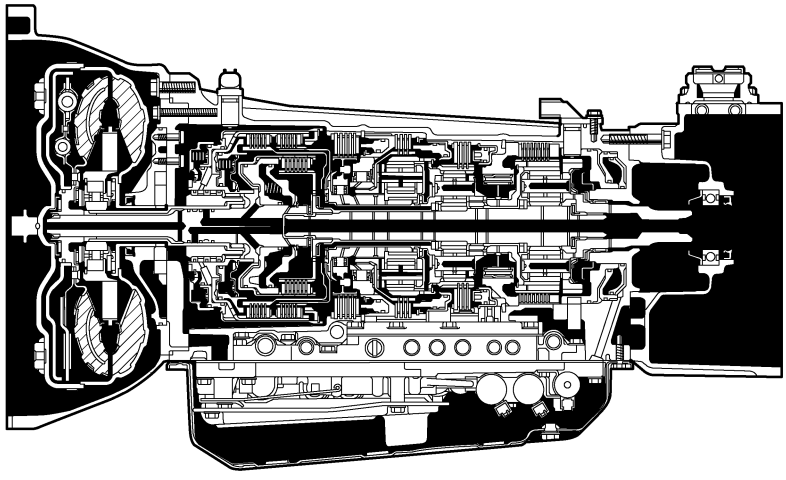
■ DESCRIPTION

- The new Fortuner/Hilux SW4 uses the A750E (for 2WD model) and A750F (for 4WD model) automatic transmissions on models with the 1GR-FE 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.



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A750E Automatic Transmission



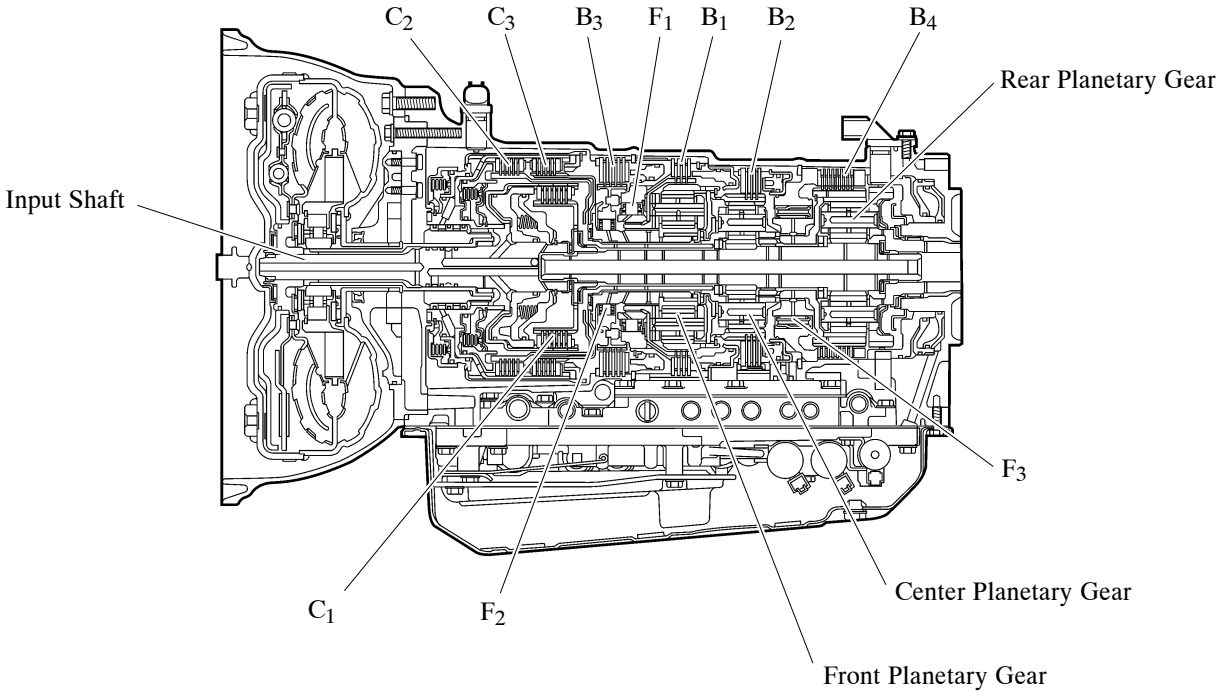
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A750F Automatic Transmission

▶ Specifications ◀

Transmission Type		A750E	A750F
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.



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▶ Clutch, Brake and Planetary Gears Specifications ◀

Transmission Type				A750E/A750F
C_1	No. 1 Clutch	The No. of Discs		6
C_2	No. 2 Clutch			5
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