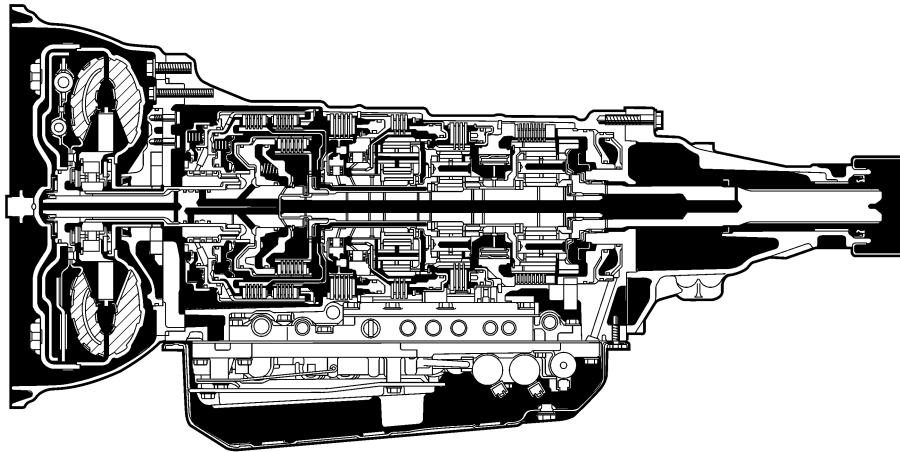


NEW FEATURES

■ A750E (F) AUTOMATIC TRANSMISSION

1. General

- On the models equipped with the 1GR-FE engine, an A750E (F), 5-speed Super ECT (Electronically Controlled Transmission) automatic transmission has been adopted.
- The A750F automatic transmission is already in use on the Land Cruiser (100 series). For details on the basic construction and operation of the A750E (F), see the Land Cruiser (100 series) NCF (Pub. No. NCF229E and NCF258E). Beware that the flex lock-up control is not provided on the 4Runner.



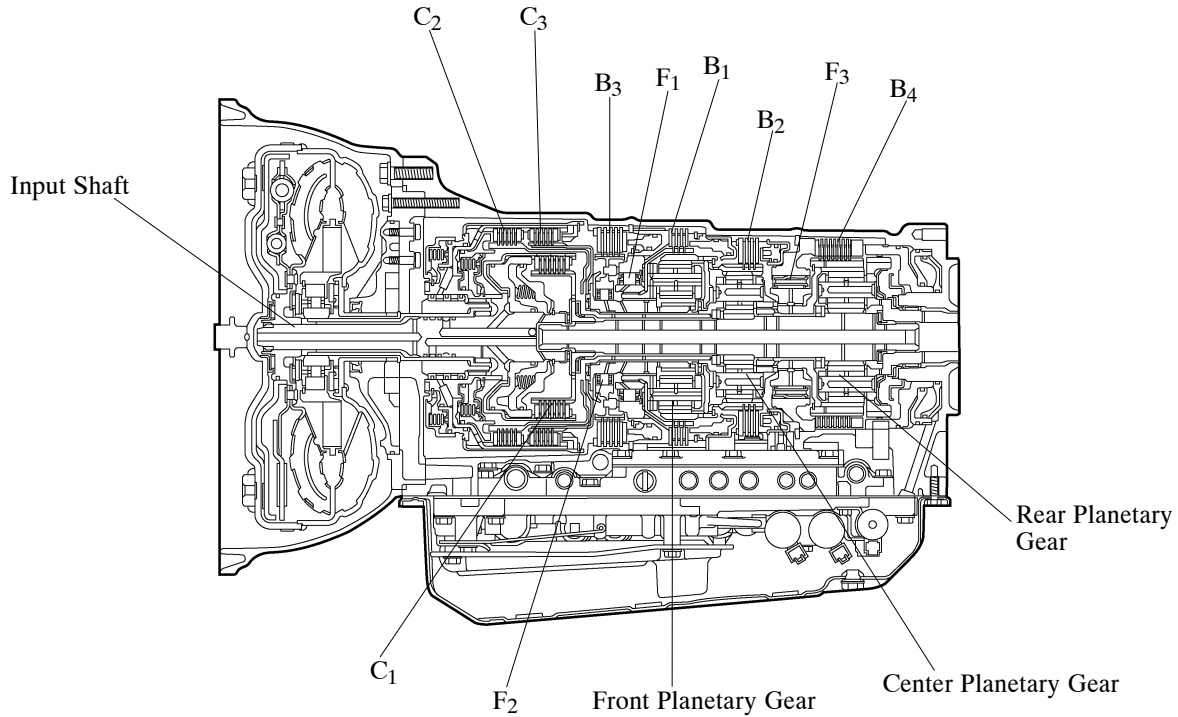
232CH88

A750E Automatic Transmission

► Specification ◀

Model		New 4Runner	Previous 4Runner
Transmission Type		A750E (2WD) A750F (4WD)	A340E (2WD) A340F (4WD)
Gear Ratio	1st	3.520	2.804
	2nd	2.042	1.531
	3rd	1.400	1.000
	4th	1.000	0.705
	5th	0.716	—
	Reverse	3.224	2.393
Fluid Capacity Liters (US qts, Imp. qts)		10.9 (11.6, 9.6)	10.1 (10.7, 8.9)
Fluid Type		TOYOTA Genuine ATF WS	TOYOTA Genuine ATF Type T-IV
Weight (Reference)*	kg (lb)	86.6 (190.5); A750E 87.2 (191.8); A750F	83.7 (184.5); A340E 85.0 (187.4); A340F

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



229LC171

► Specification ◀

Engine Type			1GR-FE
Transmission Type			A750F A750E
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