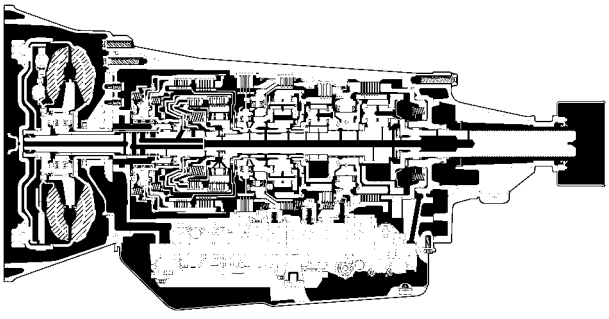
AB60E AND AB60F AUTOMATIC TRANSMISSIONS

■ DESCRIPTION

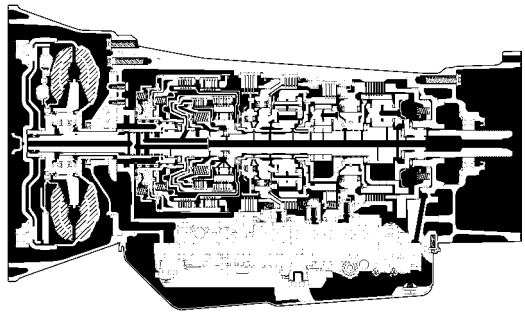
An AB60E (for 2WD models) or AB60F (for 4WD models) 6-speed Super ECT (Electronic Controlled Transmission) is used. The only difference between the AB60E and AB60F is in the extension housing and output shaft.

- These automatic transmissions are equipped with the multi-mode automatic transmission function. For details, see page CH-75.
- 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.
- To ensure drivability when a trailer is towed, the towing package uses a tow/haul control that controls the engine throttle, transmission shift schedule and shift timing.
- A low-viscosity type transmission fluid (Toyota Genuine ATF WS) is used. For details, see page CH-9.



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AB60E (For 2WD Models)



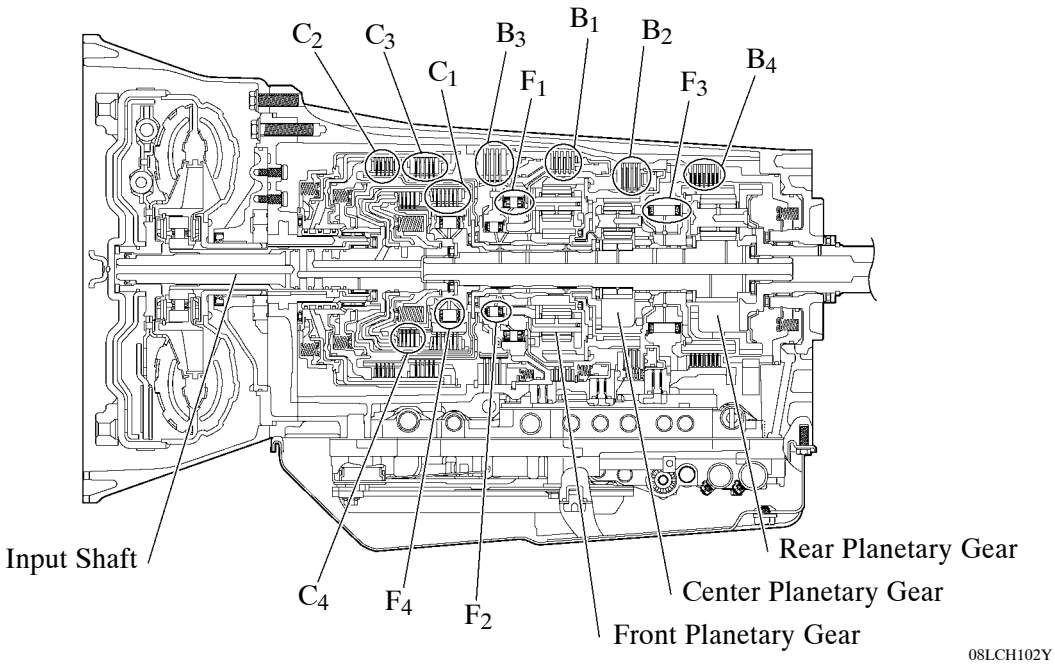
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AB60F (For 4WD Models)

▶ Specifications ◀

Engine Type		3UR-FE	
Transmission Type		AB60E	AB60F
Drive Type		2WD	4WD
Gear Ratio	1st	3.333	←
	2nd	1.960	←
	3rd	1.353	←
	4th	1.000	←
	5th	0.728	←
	6th	0.588	←
	Reverse	3.061	←
Fluid Type		Toyota Genuine ATF WS	←
Fluid Capacity Liters (US qts, Imp. qts)	Without ATF Cooler	11.1 (11.7, 9.8)	←
	With ATF Cooler	11.7 (12.4, 10.3)	←
Weight (Reference)* kg (lb)	Without ATF Cooler	107.9 (237.9)	←
	With ATF Cooler	108.4 (239.0)	108.5 (239.2)

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



Transmission Type				AB60E, AB60F
C_1	No. 1 Clutch	The No. of Discs		6
C_2	No. 2 Clutch			5
C_3	No. 3 Clutch			5
C_4	No. 4 Clutch			4
B_1	No. 1 Brake			4
B_2	No. 2 Brake			4
B_3	No. 3 Brake			4
B_4	No. 4 Brake			7
F_1	No. 1 One-way Clutch	The No. of Sprags		30
F_2	No. 2 One-way Clutch			25
F_3	No. 3 One-way Clutch			33
F_4	No. 4 One-way Clutch			28
Front Planetary Gear		The No. of Sun Gear Teeth		42
		The No. of Pinion Gear Teeth	Inner	19
			Outer	18
		The No. of Ring Gear Teeth		90
Center Planetary Gear		The No. of Sun Gear Teeth		30
		The No. of Pinion Gear Teeth		20
		The No. of Ring Gear Teeth		70
Rear Planetary Gear		The No. of Sun Gear Teeth		30
		The No. of Pinion Gear Teeth		20
		The No. of Ring Gear Teeth		70