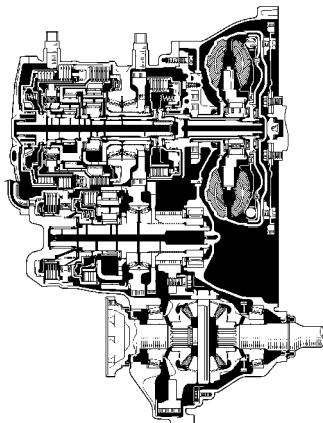


U140E AND U241E AUTOMATIC TRANSAXLE

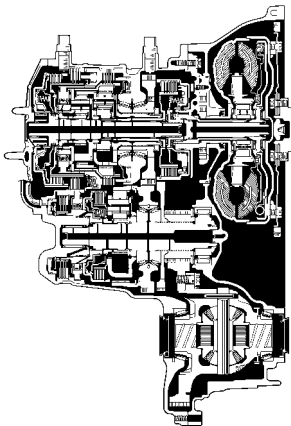
DESCRIPTION

- The new Camry line-up uses the following types of automatic transaxles:
1AZ, 2AZ-FE × U241E
1MZ-FE × U140E
- These automatic transaxles are compact and high-capacity 4-speed Super ECT (Electronically Controlled Transaxle).
- The basic construction and operation of these automatic transaxles are the same.
However, the gear ratio, disc, and spring number have been changed to accommodate the characteristic of the engine.



U140E

161ES20



U241E

181CH09

Specification

Model		New		Previous	
Transaxle Type		U140E	U241E	A140E	A541E
Engine Type		1MZ-FE	1AZ, 2AZ-FE	5S-FE	1MZ-FE
Gear Ratio	1st	3.938*1	3.943*1	2.810	←
	2nd	2.194*1	2.197*1	1.549	←
	3rd	1.411*1	1.413*1	1.000	←
	4th	1.019*1	1.020*1	0.706	0.735
	Reverse	3.141*1	3.145*1	2.296	←
Counter Gear Ratio		1.019	1.020	0.945	←
Differential Gear Ratio		3.080	3.120*2 2.740*3	2.296	3.933
Fluid Capacity Liters (US qts, Imp. qts)		8.6 (9.1, 7.7)*4	←	5.6 (5.9, 4.9)*5 1.6 (1.7, 1.4)*6	6.8 (7.2, 5.9)*5 0.9 (0.9, 0.8)*6
Fluid Type		ATF Type T-IV	←	ATF D-II or DEXRON®III (DEXRON®II)	←
Dry Weight kg (lb)		91 (200.6)	82 (180.8)	73 (160.9)	83.3 (183.6)

*1: Counter Gear Ratio Included

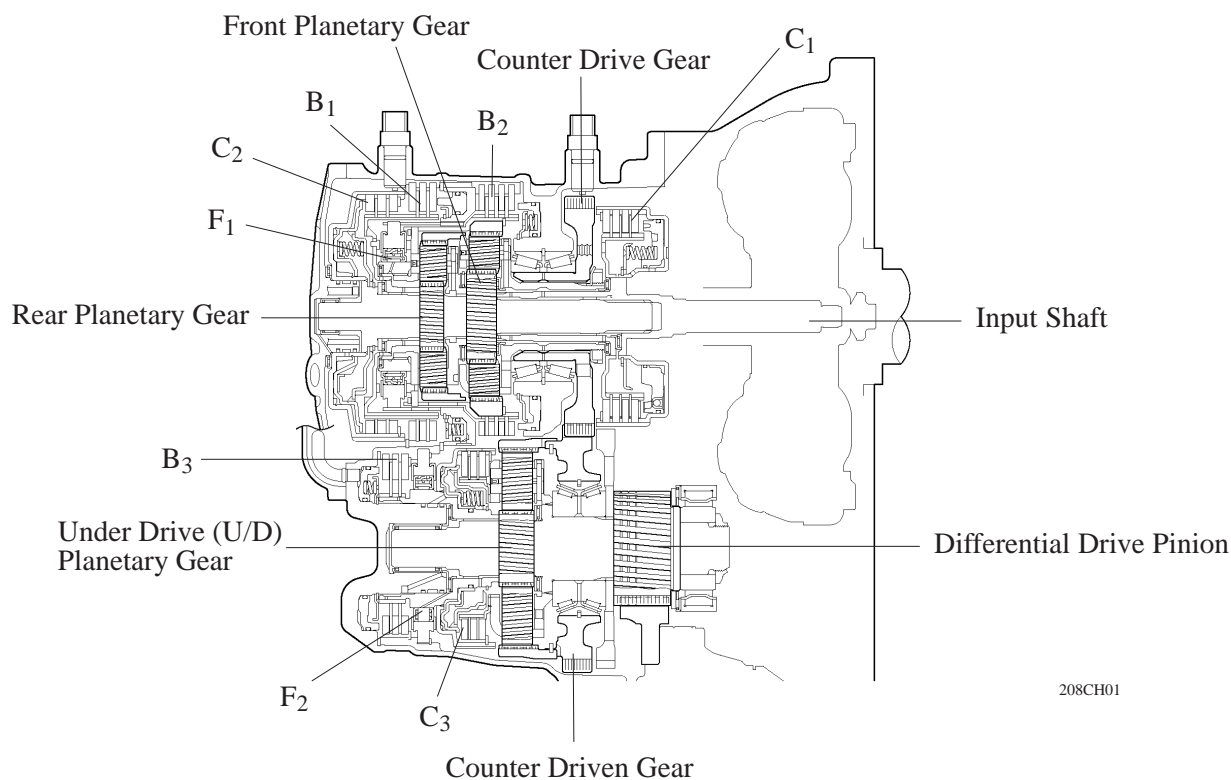
*2: 1AZ-FE Engine

*3: 2AZ-FE Engine

*4: Differential Included

*5: Only for Transmission

*6: Only for Differential



CH

► Specification ◀

Transaxle Type			U140E	U241E
C ₁	Forward Clutch	The No. of Discs	6	4* ¹ 5* ²
C ₂	Direct Clutch		4	3
C ₃	U/D Direct Clutch		4	3
B ₁	2nd Brake		4	3
B ₂	1st & Reverse Brake		7	5
B ₃	U/D Brake		4	3
F ₁	No. 1 One-Way Clutch	The No. of Sprags	28	←
F ₂	U/D One-Way Clutch		24	15
Front Planetary Gear	The No. of Sun Gear Teeth		43	←
	The No. of Pinion Gear Teeth		17	←
	The No. of Ring Gear Teeth		77	←
Rear Planetary Gear	The No. of Sun Gear Teeth		31	←
	The No. of Pinion Gear Teeth		19	←
	The No. of Ring Gear Teeth		69	←
U/D Planetary Gear	The No. of Sun Gear Teeth		35	32
	The No. of Pinion Gear Teeth		28	26
	The No. of Ring Gear Teeth		91	83
Counter Gear	The No. of Drive Gear Teeth		52	50
	The No. of Driven Gear Teeth		53	51

*1: 1AZ-FE Engine

*2: 2AZ-FE Engine