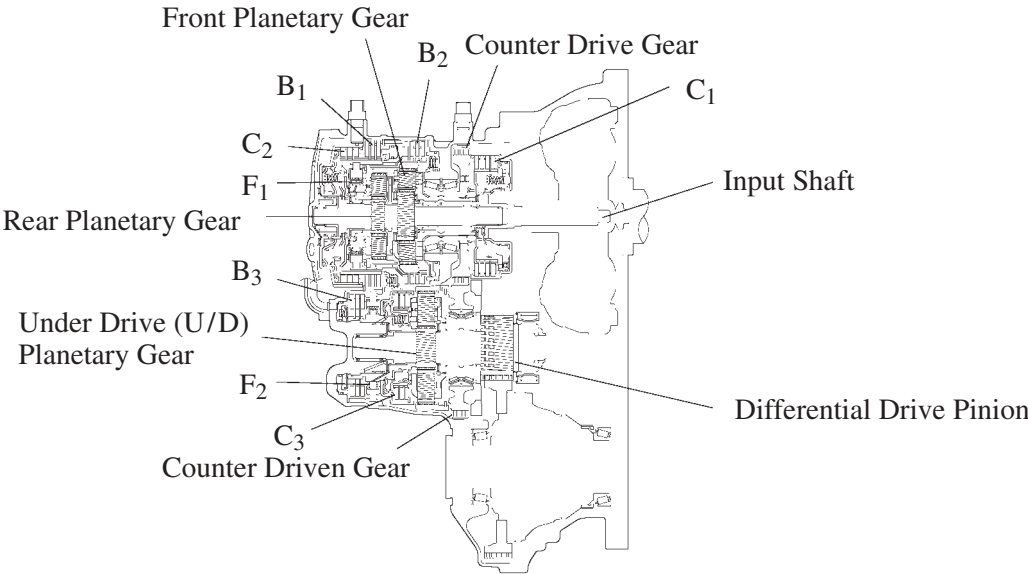


PLANETARY GEAR UNIT

1. General

The U240E automatic transaxle has adopted a new gear layout. In the new gear layout, the counter drive and driven gears are placed in front of the front planetary gear and the under drive (U/D) planetary gear unit is placed above the counter shaft. Furthermore, the force transmission method has been changed by eliminating the brake and the one-way clutch. As a result, a torque capacity that accommodates the high output engine has been attained, while realizing a compact gear unit.



CH

► Specifications ◀

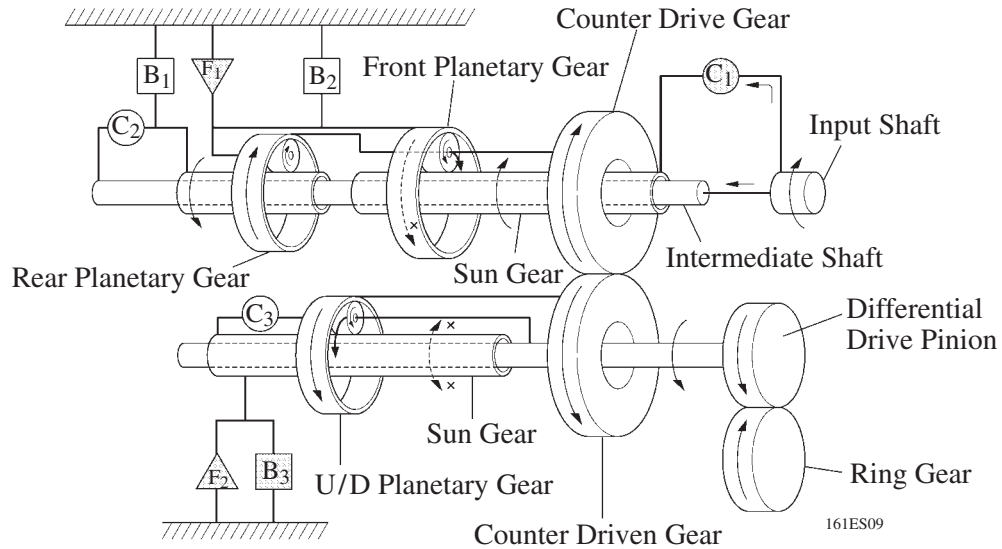
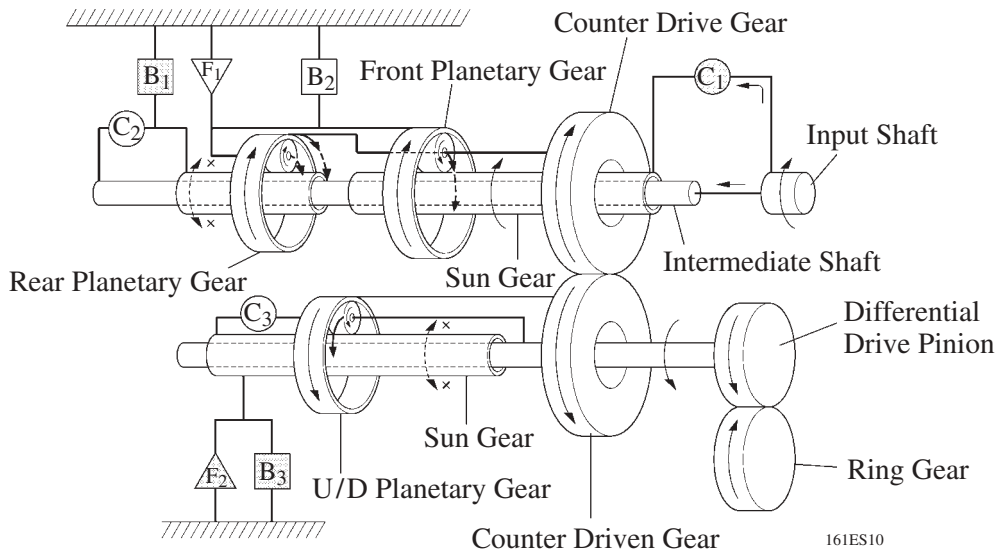
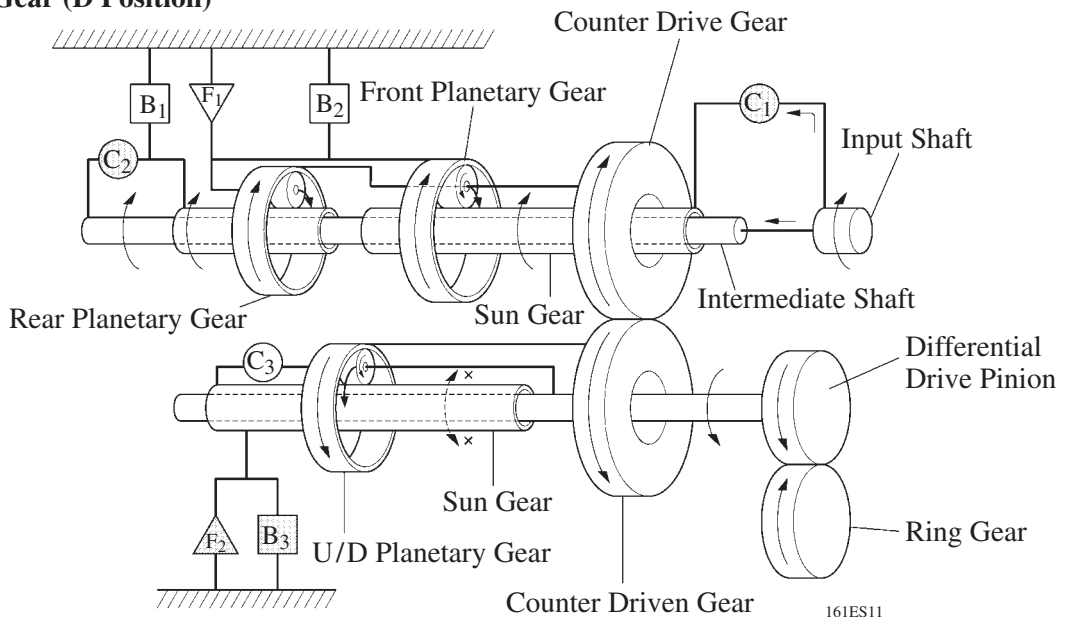
C ₁	Forward Clutch	The No. of Discs	4
C ₂	Direct Clutch		4
C ₃	U/D Direct Clutch		3
B ₁	2nd Brake		4
B ₂	1st & Reverse Brake		5
B ₃	U/D Brake		3
F ₁	No.1 One-Way Clutch	The No. of Sprags	28
F ₂	U/D One-Way Clutch		15
Front Planetary Gear	The No. of Sun Gear Teeth		43
	The No. of Pinion Gear Teeth		17
	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		32
	The No. of Pinion Gear Teeth		26
	The No. of Ring Gear Teeth		83
Counter Gear	The No. of Drive Gear Teeth		50
	The No. of Driven Gear Teeth		51

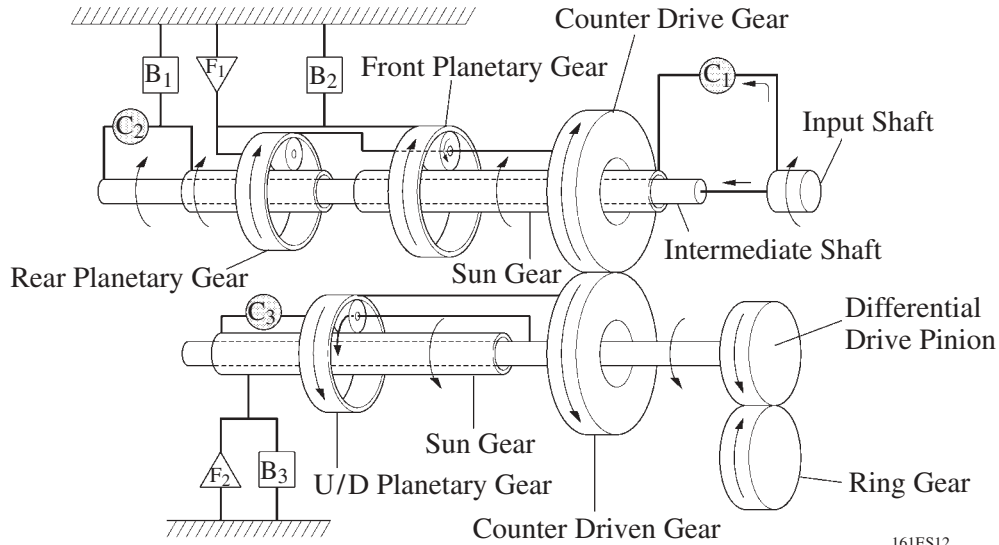
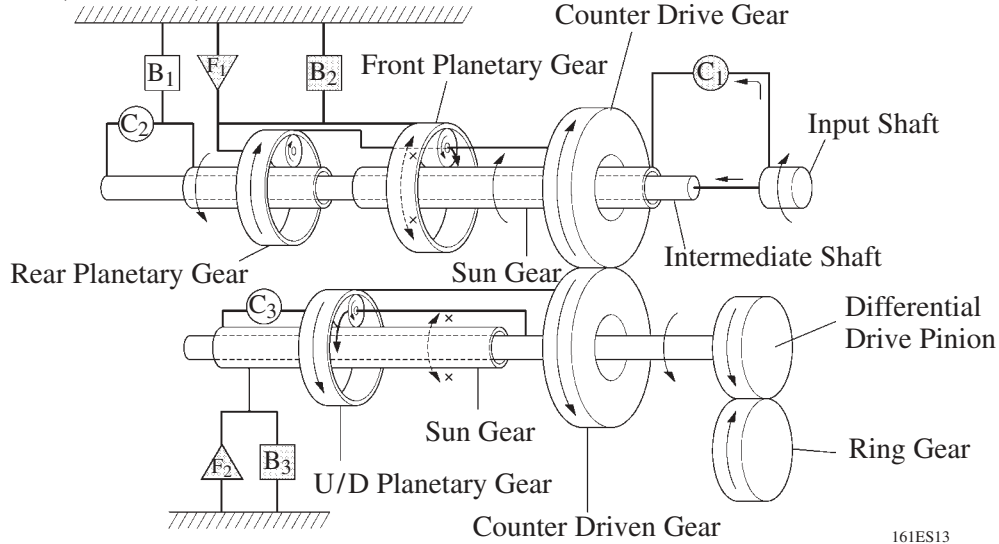
2. Motive Power Transaxle

► Operating Conditions ◀

Shift Lever Position	Gear	Solenoid Valve SL1	Solenoid Valve SL2	Solenoid Valve S4	Solenoid Valve DSL	C ₁	C ₂	C ₃	B ₁	B ₂	B ₃	F ₁	F ₂
P	Park	ON	ON	OFF	OFF						○		
R	Reverse	ON	OFF	OFF	OFF		○			○	○		
N	Neutral	ON	ON	OFF	OFF						○		
D	1st	ON	ON	OFF	OFF	○					○	○	○
	2nd	OFF	ON	OFF	OFF	○			○		○		○
	3rd	OFF/ON*	OFF	OFF	OFF	○	○				○		○
	4th	OFF/ON*	OFF	ON	OFF	○	○	○					
2	1st	ON	ON	OFF	OFF	○					○	○	○
	2nd	OFF	ON	OFF	OFF	○			○		○		○
L	1st	ON	ON	OFF	ON	○				○	○	○	○

*: Lock-up ON

1) 1st Gear (D or 2 Position)**2) 2nd Gear (D or 2 Position)****3) 3rd Gear (D Position)**

4) 4th Gear (D Position)**5) 1st Gear (L Position)****6) Revers Gear (R Position)**