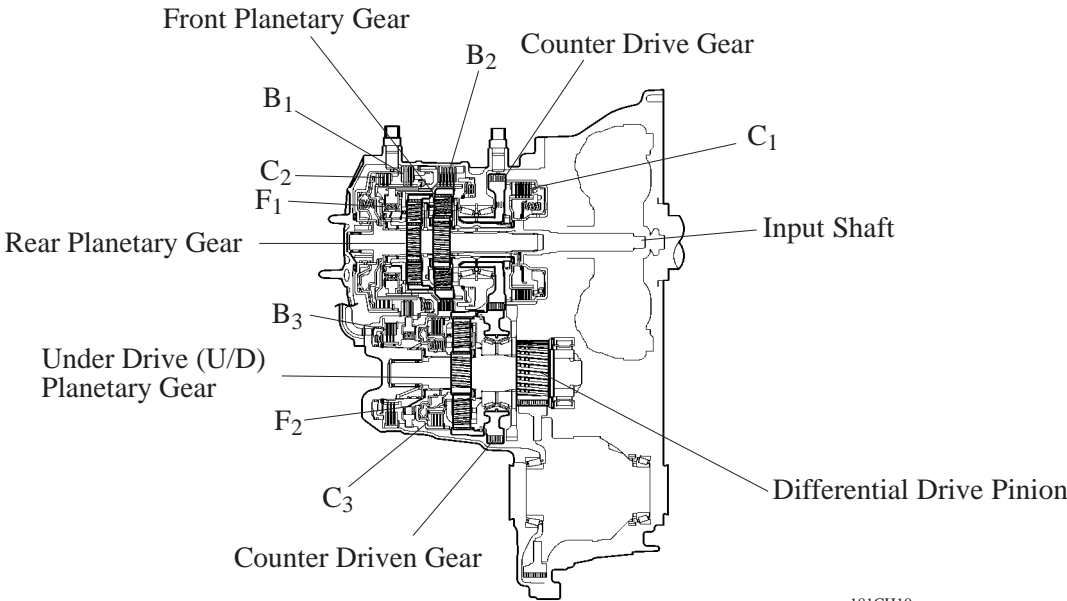


■ PLANETARY GEAR UNIT

1. General

The U241E 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.



► Specifications ◀

Torque Converter			Stall Torque Ratio	1.8
Planetary Gear Unit	C <sub>1</sub>	Forward Clutch	The No. of Discs	4
	C <sub>2</sub>	Direct Clutch		3
	C <sub>3</sub>	U/D Direct Clutch		3
	B <sub>1</sub>	2nd Brake		3
	B <sub>2</sub>	1st & Reverse Brake		5
	B <sub>3</sub>	U/D Brake		3
	F <sub>1</sub>	No. 1 One-Way Clutch	The No. of Sprags	22
	F <sub>2</sub>	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

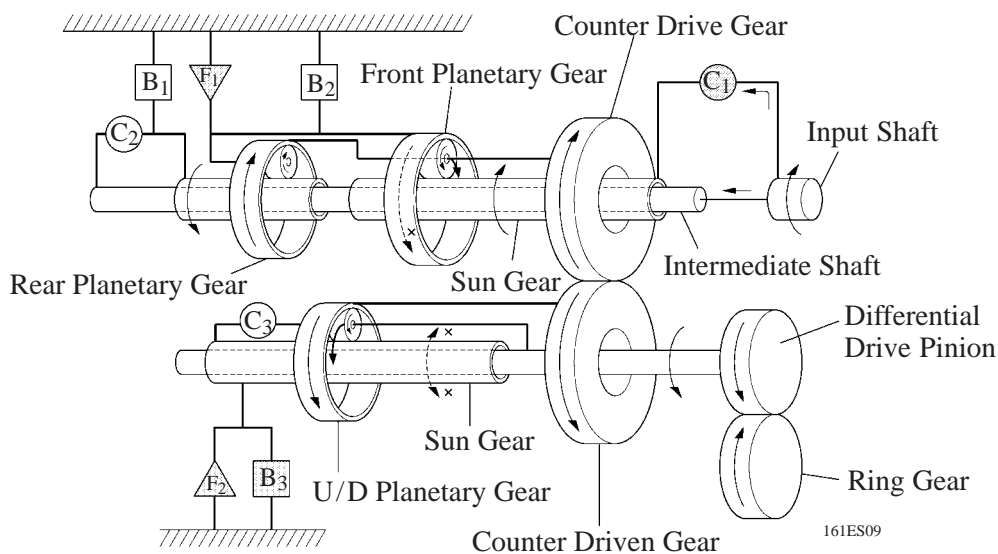
## 2. Motive Power Transaxle

### ► Operating Conditions ◀

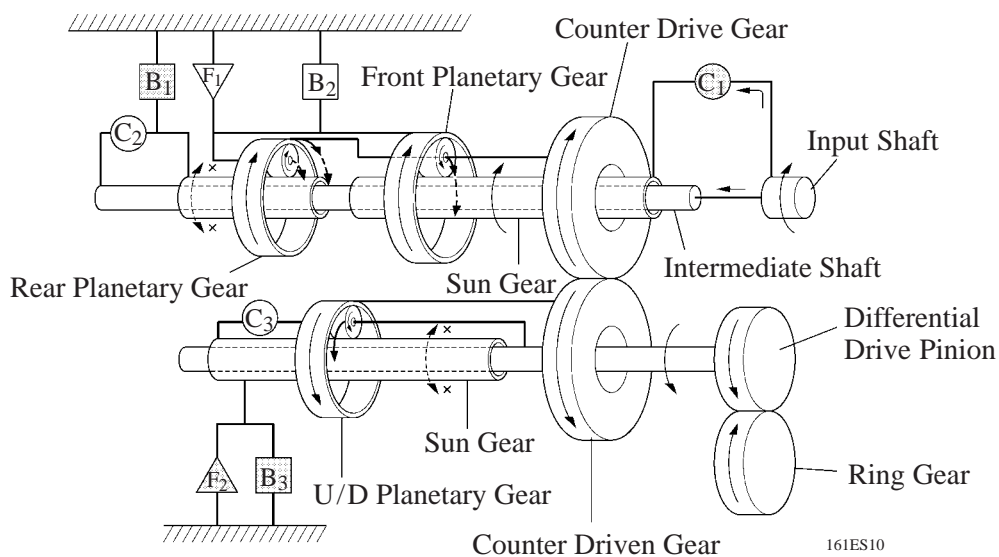
Shift Lever Position	Gear	Solenoid Valve SL1	Solenoid Valve SL2	Solenoid Valve S4	Solenoid Valve DSL	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	F <sub>1</sub>	F <sub>2</sub>
P	Park	ON	ON	OFF	OFF						○		
R	Reverse	ON	OFF	OFF	OFF		○			○	○		
N	Neutral	ON	ON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

\*: Lock-up ON

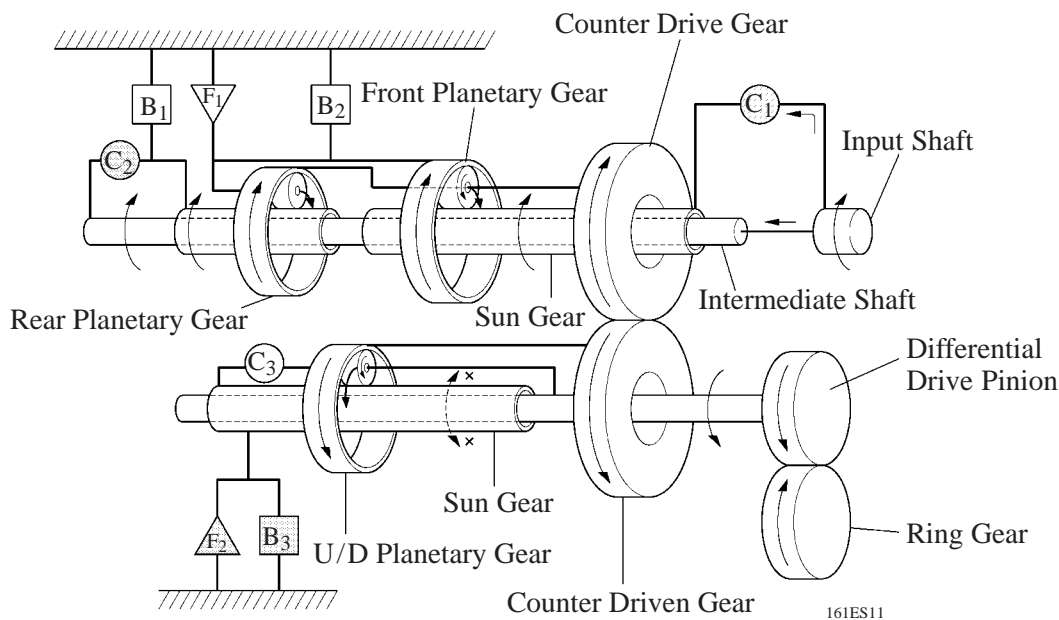
### 1) 1st Gear (D or 2 Position)

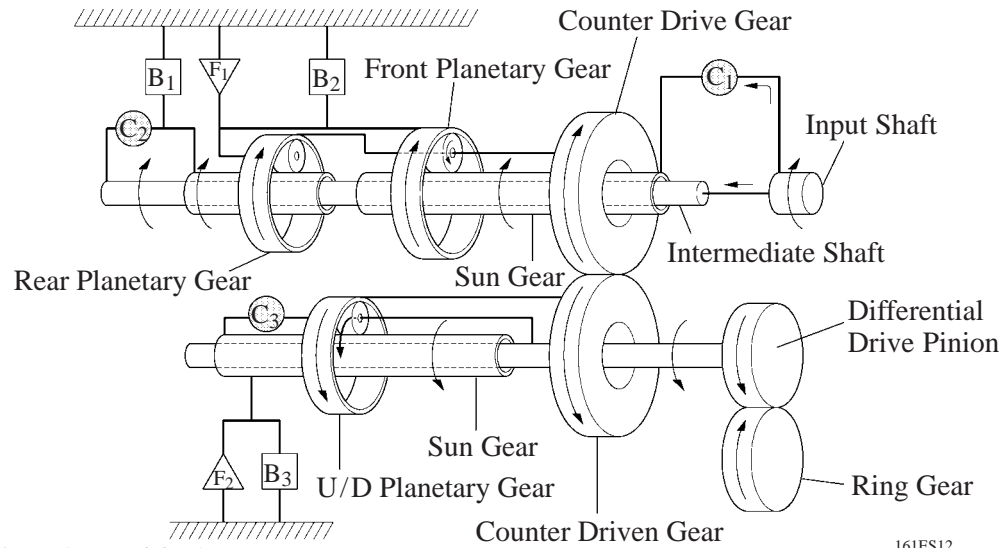
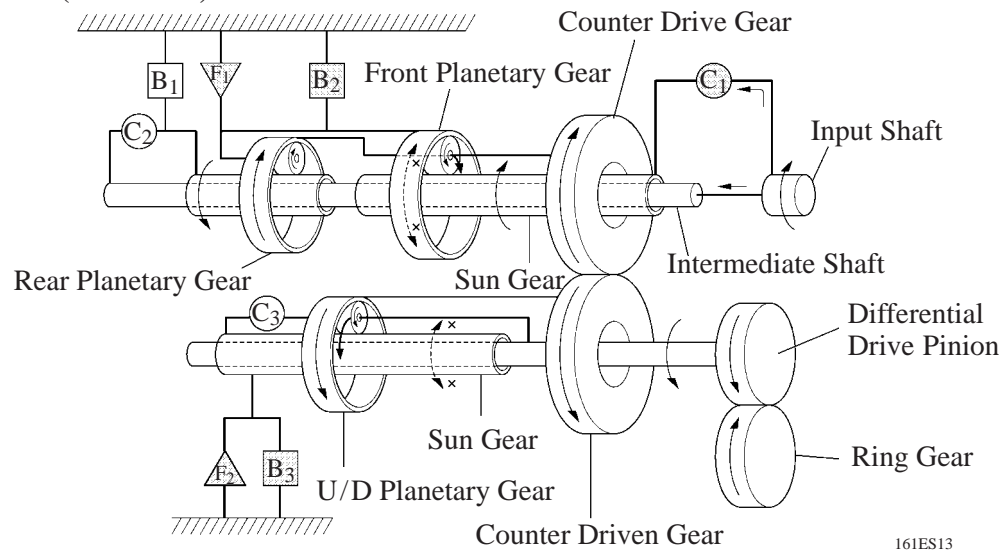


## 2) 2nd Gear (D or 2 Position)



### 3) 3rd Gear (D Position)



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