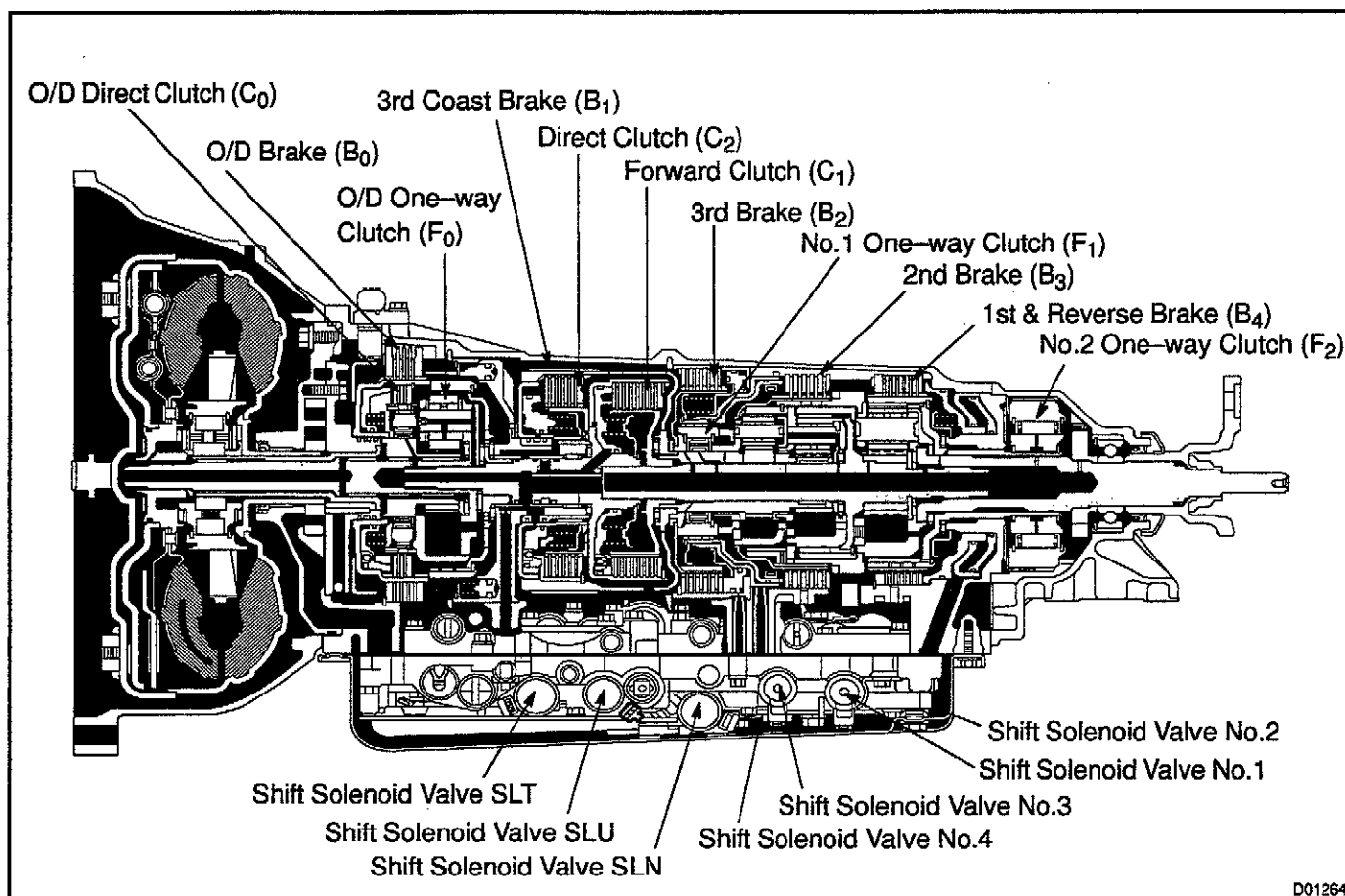


# AUTOMATIC TRANSMISSION SYSTEM

## OPERATION

AT04A-01



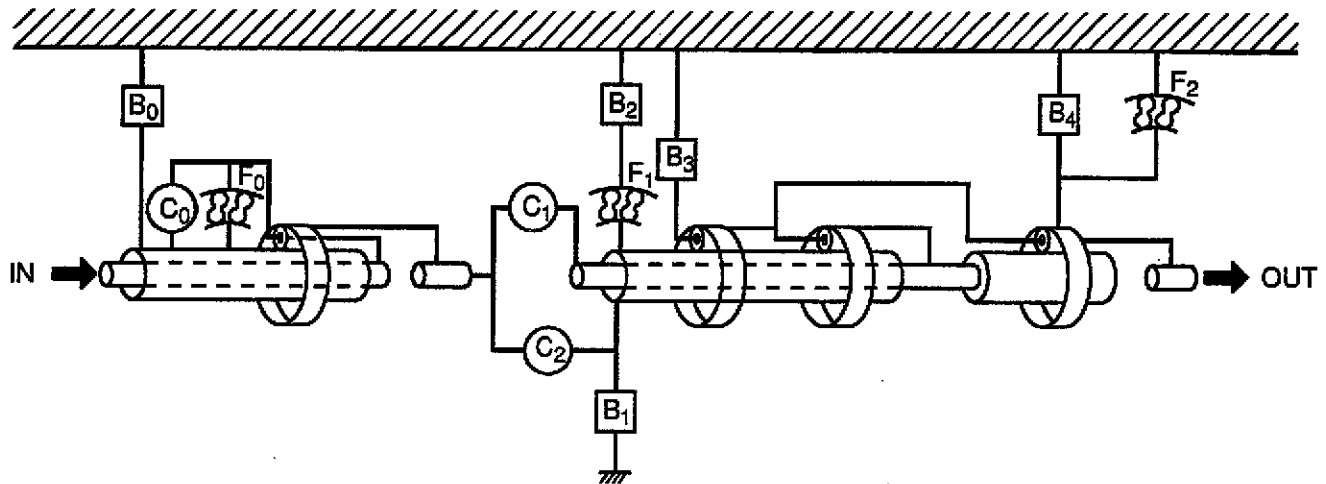
AT

D01264

Shift Lever Position	Gear Position	S1	S2	S3	S4	C <sub>0</sub>	C <sub>1</sub>	C <sub>2</sub>	B <sub>0</sub>	B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	B <sub>4</sub>	F <sub>0</sub>	F <sub>1</sub>	F <sub>2</sub>
P	Park	ON	OFF	ON	OFF	○										
R	Reverse	ON	OFF	OFF	OFF			○	○				○			
N	Neutral	ON	OFF	ON	OFF	○										
D	1st	ON	OFF	OFF	OFF	○	○							○		○
	2nd	ON	ON	OFF	OFF	○	○					○		○		
	3rd	OFF	ON	OFF	OFF	○	○				○			○	○	
	4th	OFF	OFF	ON	OFF	○	○	○			○			○		
	5th	OFF	OFF	OFF	ON		○	○	○		○					
4	1st	ON	OFF	OFF	OFF	○	○							○		○
	2nd	ON	ON	OFF	OFF	○	○					○		○		
	3rd	OFF	ON	OFF	OFF	○	○				○			○	○	
	4th	OFF	OFF	ON	OFF	○	○	○			○			○		
3	1st	ON	OFF	OFF	OFF	○	○							○		○
	2nd	ON	ON	OFF	OFF	○	○					○		○		
	3rd	OFF	ON	ON	OFF	○	○			○	○			○	○	
2	1st	ON	OFF	ON	OFF	○	○							○		○
	2nd	ON	ON	OFF	OFF	○	○					○		○		
L	1st	ON	OFF	OFF	OFF	○	○						○	○		○

○ : Operating

## FUNCTION OF COMPONENTS



D01427

Component		Function
C <sub>0</sub>	O/D Direct Clutch	Connects O/D sun gear & O/D planetary carrier.
C <sub>1</sub>	Forward Clutch	Connects input shaft and rear planetary sun gear.
C <sub>2</sub>	Direct Clutch	Connects input shaft and front & center planetary sun gear.
B <sub>0</sub>	O/D Brake	Prevents O/D sun gear from turning either clockwise or counterclockwise.
B <sub>1</sub>	3rd Coast Brake	Prevents front & center planetary sun gear from turning either clockwise or counterclockwise.
B <sub>2</sub>	3rd Brake	Prevents outer race of F <sub>1</sub> from turning either clockwise or counterclockwise thus preventing the front & center planetary sun gear from turning counterclockwise.
B <sub>3</sub>	2nd Brake	Prevents front planetary carrier from turning either clockwise or counterclockwise.
B <sub>4</sub>	1st & Reverse Brake	Prevents rear planetary ring gear from turning either clockwise or counterclockwise.
F <sub>0</sub>	O/D One-way Clutch	When the transmission is being driven by the engine, this clutch connects the O/D sun gear and O/D planetary carrier.
F <sub>1</sub>	No.1 One-way Clutch	When B <sub>2</sub> is operating, this clutch prevents the front & center planetary sun gear from turning counterclockwise.
F <sub>2</sub>	No.2 One-way Clutch	Prevents rear planetary ring gear from turning clockwise.