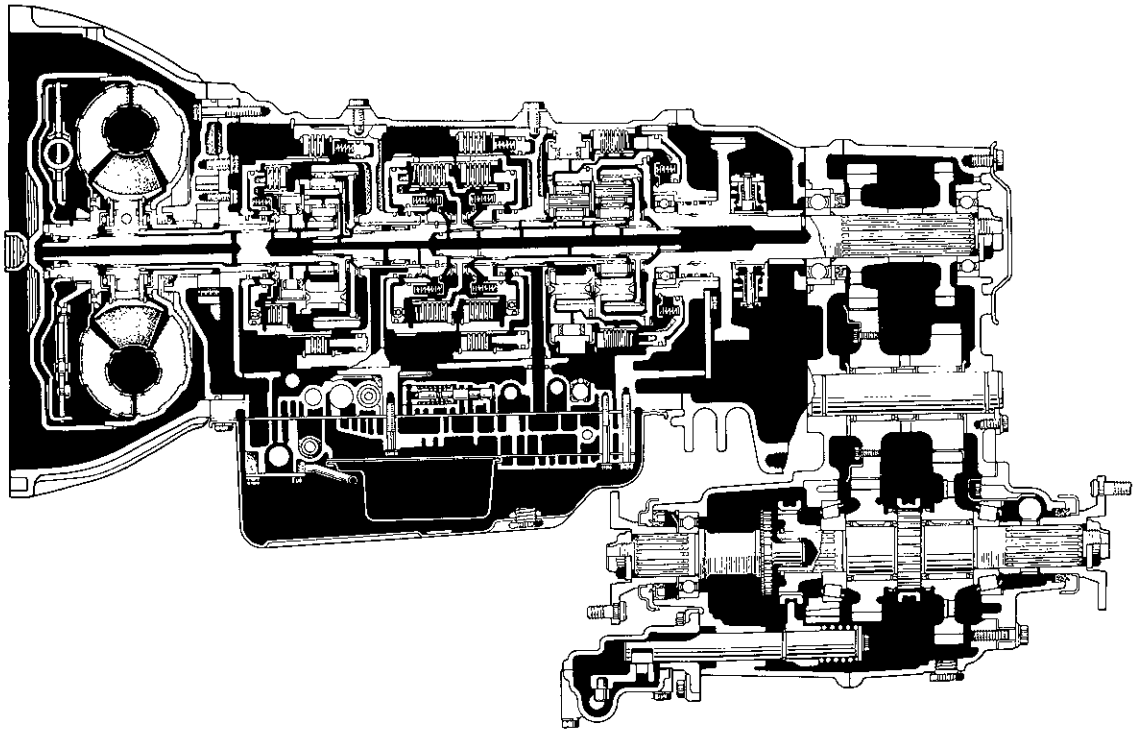
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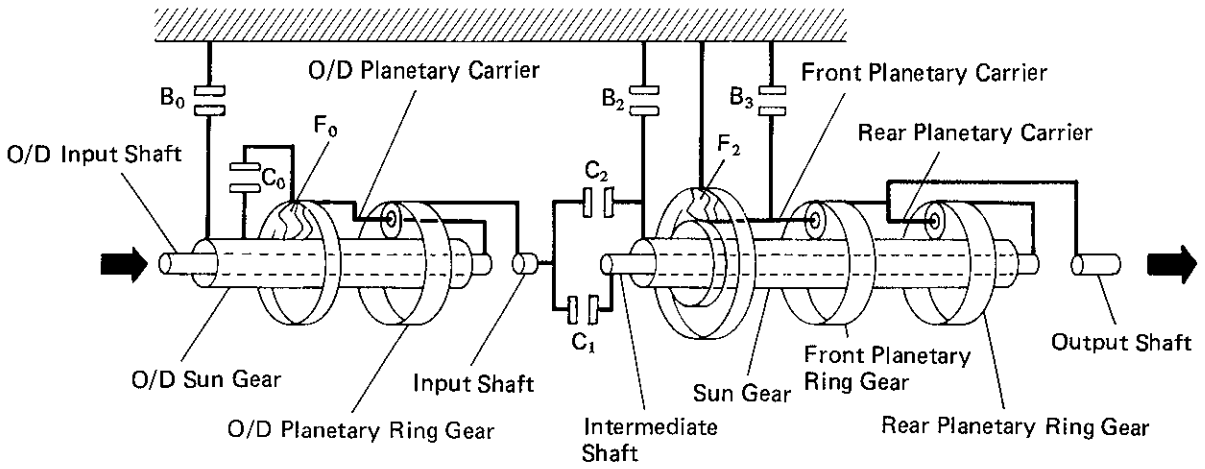
GENERAL

The A440F automatic transmission is a four-speed automatic transmission with a two-speed transfer, developed with the aim of producing an easy-driving 4WD vehicle. A lock-up mechanism is built into the torque converter.



AT3916

The A440F transmission is mainly composed of the torque converter, the overdrive (hereafter called O/D) planetary gear unit, 3-speed planetary gear unit, 2-speed transfer and the hydraulic control system.



AT3917

General Specifications

Type of Transmission			A440F
Type of Engine			3F, 1HZ
Torque Converter	Stall Torque Ratio		1.88 : 1
	Lock-Up Mechanism		Equipped
Gear Ratio	1st Gear		2.950
	2nd Gear		1.530
	3rd Gear		1.000
	O/D Gear		0.717
	Reverse Gear		2.678
Number of Discs and Plates (Disc/Plate)	C_1	Forward Clutch	6/
	C_2	Rear Clutch	5/
	C_0	O/D Direct Clutch	3/
	B_2	2nd Brake	4/
	B_3	1st and Reverse Brake	6/
	B_0	O/D Brake	3/
Number of Sprags	F_2	No.2 One-Way Clutch	46
	F_0	O/D One-Way Clutch	22
Front Planetary Gear	No. of Sun Gear Teeth		28
	No. of Pinion Gear Teeth		23
	No. of Ring Gear Teeth		75
Rear Planetary Gear	No. of Sun Gear Teeth		44
	No. of Pinion Gear Teeth		20
	No. of Ring Gear Teeth		83
Overdrive Planetary Gear	No. of Sun Gear Teeth		35
	No. of Pinion Gear Teeth		27
	No. of Ring Gear Teeth		89
ATF	Type		ATF DEXRON®II
	Capacity litter (US qts, Imp.qts)	Total	15.0 (15.9, 13.2)
		Drain and Refill	6.0 (6.3, 5.3)