

A340H Automatic Transmission

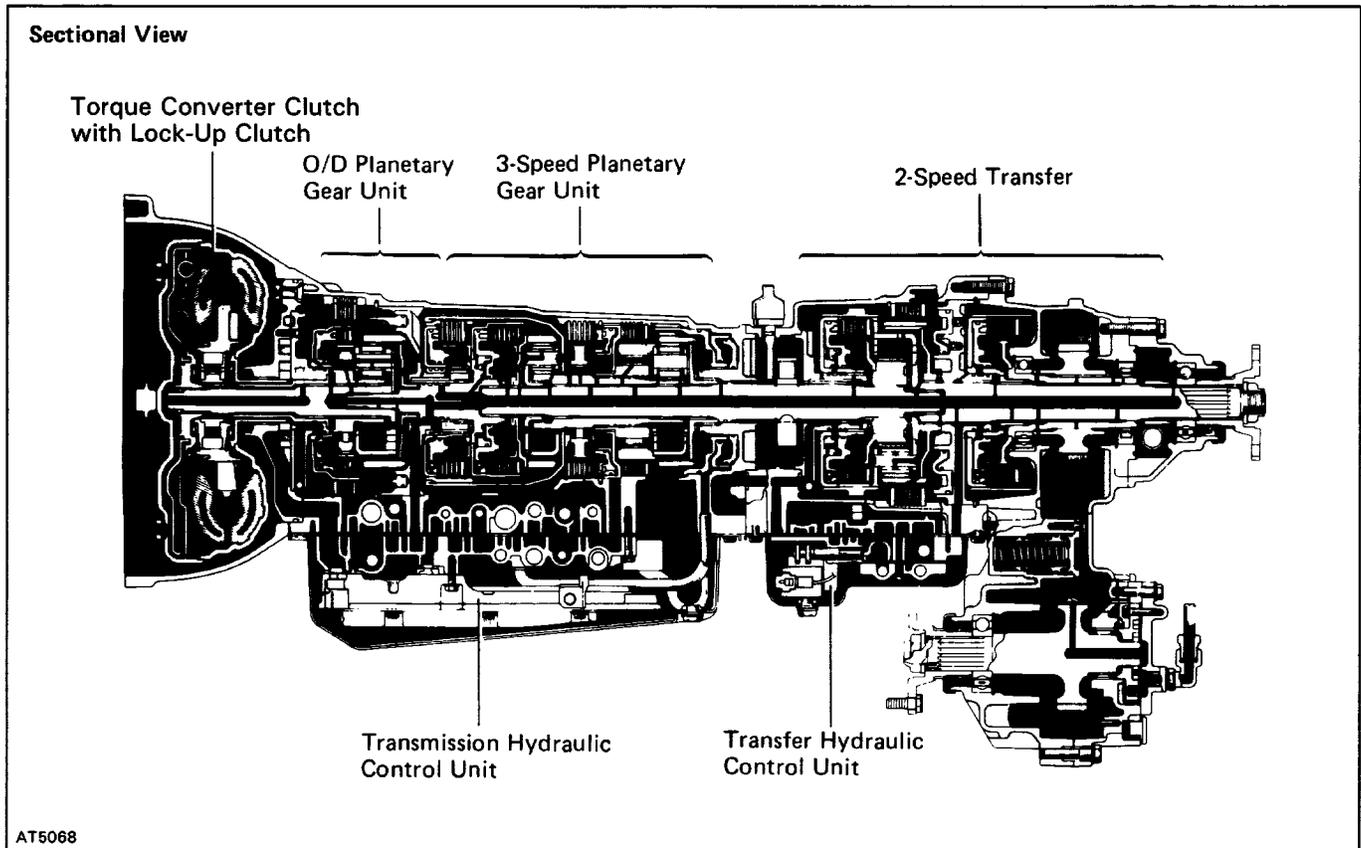
DESCRIPTION

General

The A340H automatic transmission is a four-speed, Electronic Controlled Transmission with electronically controlled 4WD transfer, developed with the aim of producing an easy-driving 4WD vehicle.

The transfer section consists of planetary gears, hydraulic clutches and hydraulic brake. The operation of these is fully controlled by the ECM.

The A340H transmission is mainly composed of the torque converter clutch, the overdrive (hereafter called O/D) planetary gear unit, 3-speed planetary gear unit, 2-speed transfer, the hydraulic control system and the electronic control system.



General Specifications

Type of Transmission			A340H
Type of Engine			3VZ-E
Torque Converter Clutch		Stall Torque Ratio	2.1 : 1
		Lock-Up Mechanism	Equipped
Gear Ratio	Transmission	1 st Gear	2.804
		2nd Gear	1.531
		3rd Gear	1.000
		O/D Gear	0.705
		Reverse Gear	2.393
	Transfer	High (H2, H4)	1.000
Low (L4)		2.659	
Number of Discs and Plates (Disc /Plate)	Transmission	C ₁ Forward Clutch	5/5
		C ₂ Direct Clutch	4/4
		C ₀ O/D Direct Clutch	2/2
		B ₂ 2nd Brake	5/5
		B ₃ 1 st & Reverse Brake	6/6
		B ₀ O/D Brake	4/3
	Transfer	C ₃ Transfer Direct Clutch	6/6
		C ₄ Front Drive Clutch	6/6
		B ₄ Low Speed Brake	7/6
ATF	Type		ATF DEXRON® II
	Capacity liter (US qts, Imp. qts)	Total	Transmission: 10.3 (10.9, 9.1), Transfer: 1.1 (1.2, 1.0)
		Drain & Refill	Transmission: 4.5 (4.8, 4.0), Transfer: 0.8 (0.8, 0.7)