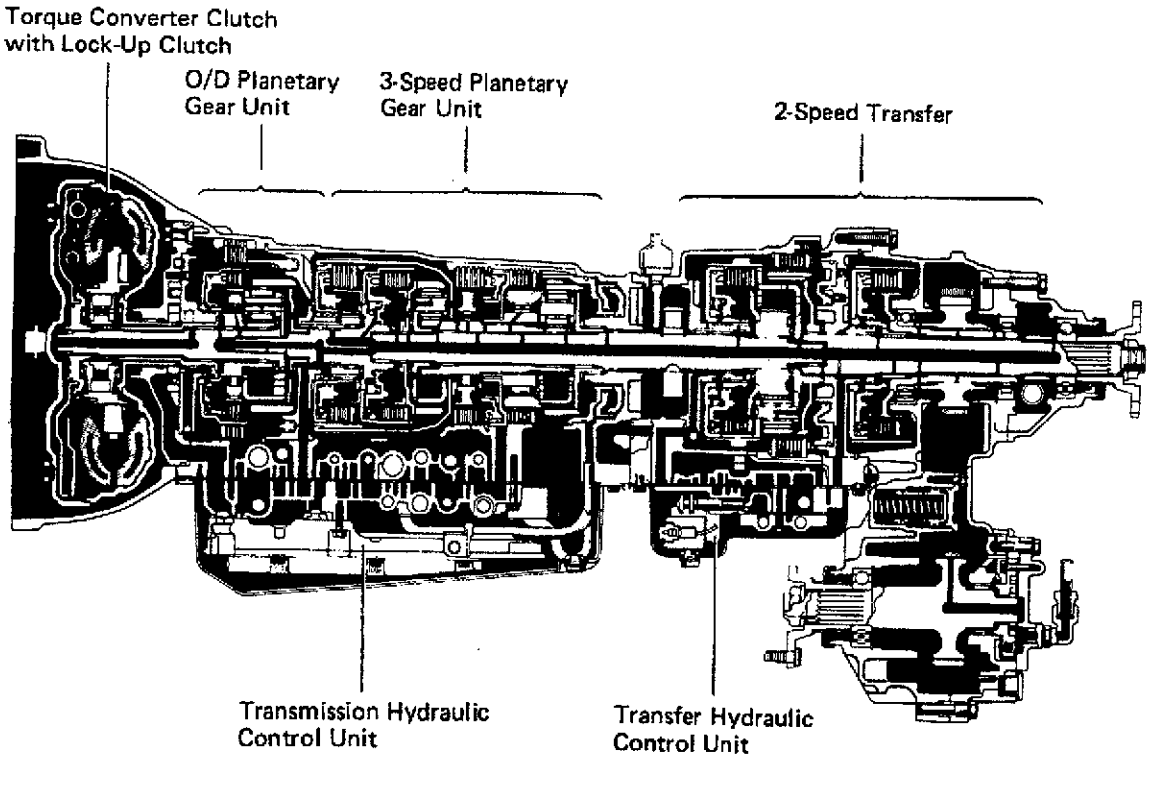
DESCRIPTION

GENERAL DESCRIPTION

AT0GW–02

The A340H is a 4–speed automatic 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 a hydraulic brake. The operation of these is fully controlled by the ECM.
The A340H is mainly composed of the torque converter clutch, the overdrive (hereafter called O/D) planetary gear unit, hydraulic control system and an electronic control system.



GENERAL SPECIFICATIONS

Type of Transmission		A340H
Type of Engine		3VZ–E
Torque Converter Clutch Stall Torque Ratio		2.0 : 1
Lock–up Mechanism		Equipped
Gear Ratio	Transmission	
	1st 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	
	O/D Direct Clutch (C_0)	2/2
	Forward Clutch (C_1)	5/5
	Direct Clutch (C_2)	5/6
	Second Brake (B_2)	5/6
	First and Reverse Brake (B_3)	6/7
	O/D Brake (B_0)	3/3
	Transfer	
	Transfer Direct Clutch (C_3)	6/6
	Front Drive Clutch (C_4)	6/6
	Low Speed Brake (B_4)	7/6
B_1 Band Width	mm (in.)	40 (1.57)
ATF Type		ATF DEXRON® II
Capacity		
Liter (US qts, Imp. qts)	Transmission	
	(Total)	10.3 (10.9, 9.1)
	(Drain and Refill)	4.5 (4.8, 4.0)
	Transfer	
	(Total)	1.1 (1.2, 1.0)
	(Drain and Refill)	0.8 (0.8, 0.7)

AT