

AUTOMATIC TRANSMISSION

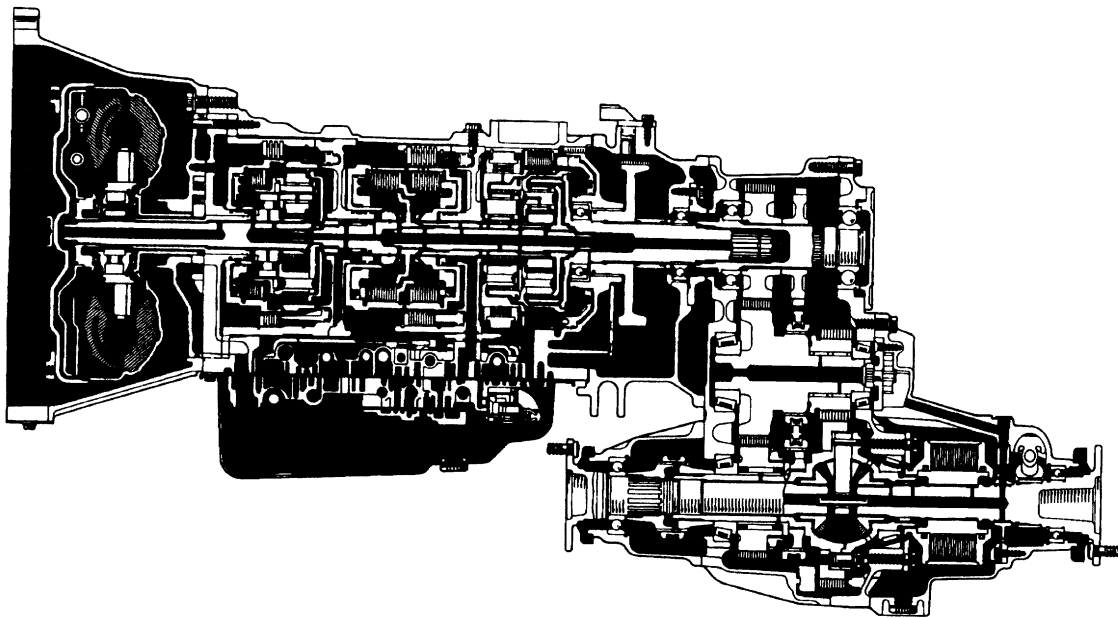
DESCRIPTION

AT09C-01

GENERAL DESCRIPTION

The A442F automatic transmission is the 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 clutch.

The A442F 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.



002509

GENERAL SPECIFICATIONS

Type of Transmission		A442F
Type of Engine		1FZ-FE
Torque Converter Stall Torque Ratio		1.8:1
Lock-up Mechanism		Equipped
Gear Ratio	1st Gear	2.950
	2nd Gear	1.530
	3rd Gear	1.000
	O/D Gear	0.765
	Reverse Gear	2.678
Number of Discs and Plates	(Disc and Plate)	6/6
	Front Clutch (C ₁)	5/5
	Rear Clutch (C ₂)	3/3
	O/D Direct Clutch (C ₀)	5/5
	2nd Brake (B ₁)	6/6
	1 st and Reverse Brake (B ₂)	3/3
	O/D Brake (B ₀)	
ATF Type		ATF DEXRON® II
Capacity (US pts, Imp. qts)	Total	15.4 (16.3, 13.6)
	Drain & Refill	6.0 (6.3, 5.3)