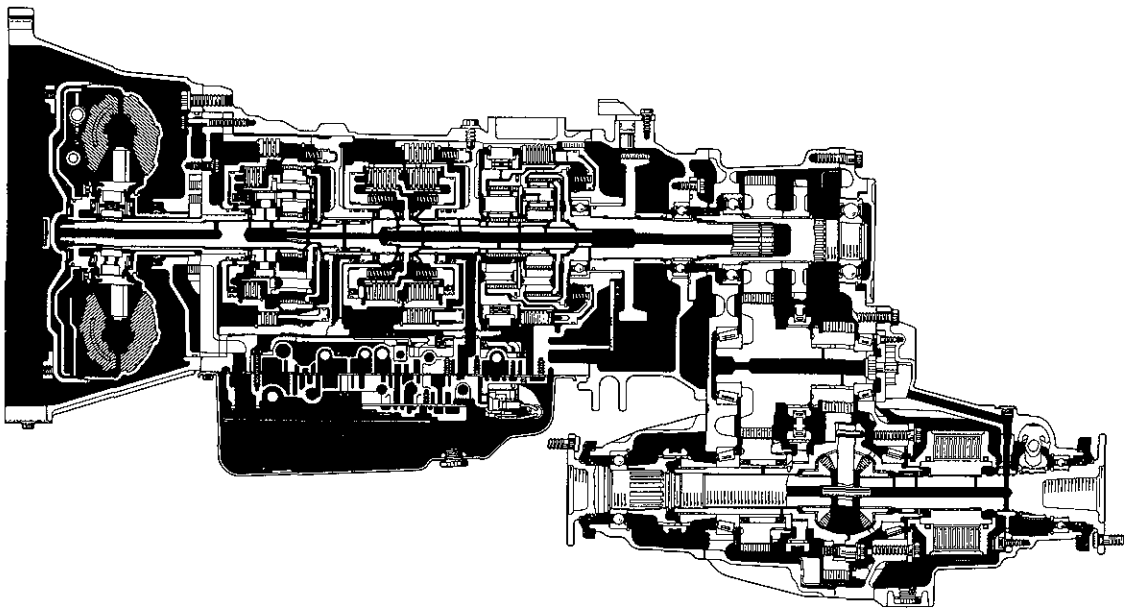
DESCRIPTION

GENERAL DESCRIPTION

The A442F automatic transmission is a four-speed automatic transmission with a four-speed transfer, developed with the aim of producing an easy-driving 4WD vehicle. A lock-up mechanism is built into the torque converter.
The A442F transmission is mainly composed of the torque converter, the overdrive (hereafter called O/D) planetary gear unit, 3-speed planetary gear unit, 4-speed transfer, hydraulic control system and an electronic control system.



Q02509

GENERAL SPECIFICATIONS

Type of Transmission		A442F	←
Type of Engine		1FZ-FE	1HD-T
Torque Converter Stall Torque Ratio		1.8 : 1	2.0 : 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)		
	Front Clutch (C_1)	6/6	7/7
	Rear Clutch (C_2)	5/5	←
	O/D Direct Clutch (C_0)	3/3	←
	2nd Brake (B_1)	5/5	←
	1st and Reverse Brake (B_2)	6/6	←
	O/D Brake (B_0)	3/3	←
ATF Type		ATF DEXRON® II	←
Capacity (US pts, Imp. qts)	Total		
	w/ Oil Cooler	15.4 (16.3, 13.6)	←
	w/o Oil Cooler	15.0 (15.9, 13.2)	←
	Drain & Refill	6.0 (6.3, 5.3)	←