

## DESCRIPTION

### GENERAL DESCRIPTION

AY004-04

The A343E automatic transmission is a 4-Speed Electronically Controlled Transmission with an intelligent control. The A343E automatic transmission has the following features.

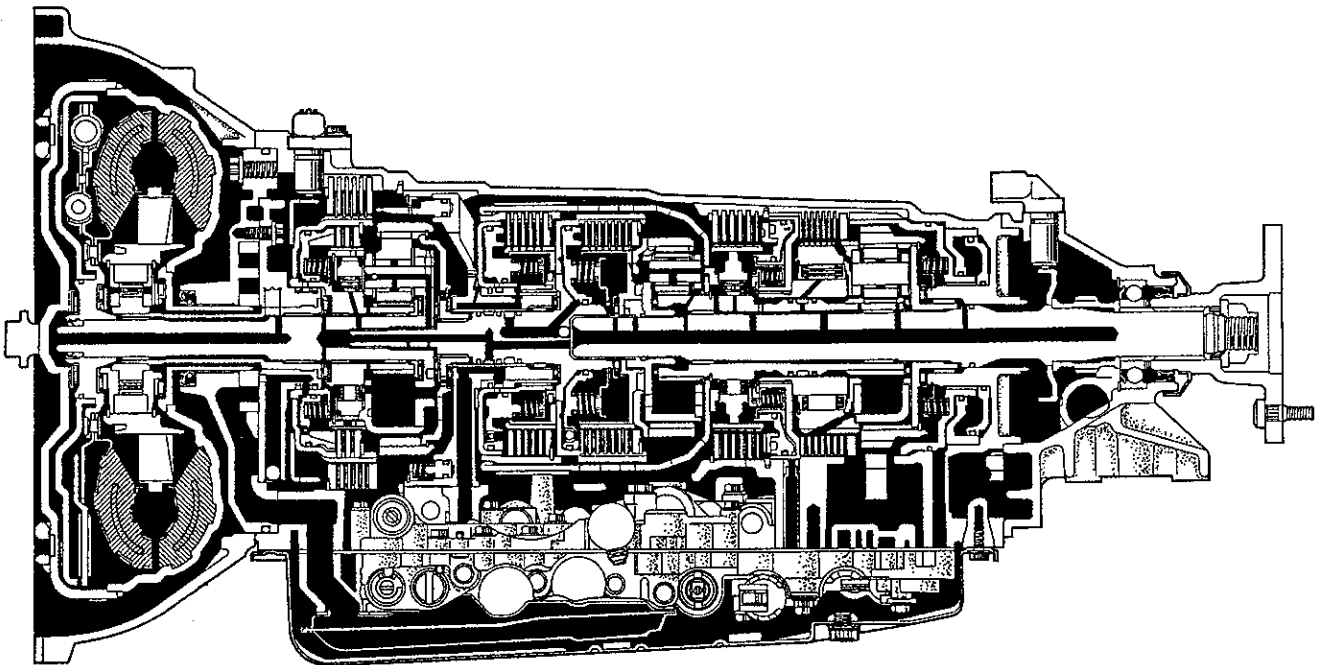
- When shifting, the clutch hydraulic pressure in the transmission is controlled by the ECU to reduce transmission shift shock.
- A new type of ATF (ATF Type T- II) is used which provides improved shifting characteristics and prevents deterioration in the ATF over time.

HINT: The A343E automatic transmission use ATF Type T- II or equivalent.

A super flow torque converter is used to improve transmission efficiency.

The A343E automatic transmission is mainly composed of a torque converter with lock-up clutch, a 4-speed planetary gear unit, a hydraulic control system and an electronic control system.

To minimize the possibility of incorrect operation of the automatic transmission, a shift lock mechanism has also been added.



**Transmission Specifications**

Type of Transmisson		A343E
Type of Engine		2JZ—GTE
Torque Converter Clutch Stall Torque Ratio		2.000 : 1
Lock—up Mechanism		Equipped
Gear Ratio	1st Gear	2.804
	2nd Gear	1.531
	3rd Gear	1.000
	O/D Gear	0.753
	Reverse Gear	2.393
Number of Discs and Plates	(Disc and Plate)	
	O/D Direct Clutch (C <sub>0</sub> )	2 / 2
	Forward Clutch (C <sub>1</sub> )	7 / 7
	Direct Clutch (C <sub>2</sub> )	5 / 5
	No.2 Brake (B <sub>2</sub> )	5 / 5
	1st and Reverse Brake (B <sub>3</sub> )	7 / 7
	O/D Brake (B <sub>0</sub> )	5 / 5
Second Coast Brake Band Width	mm (in.)	40 (1.57)
ATF Type		ATF Type T— II or equivalent
Capacity Liter (US qts, Imp.qts)	Total	8.2 (8.7 , 7.2)
	Drain and Refill	1.9 (2.0 , 1.7)