

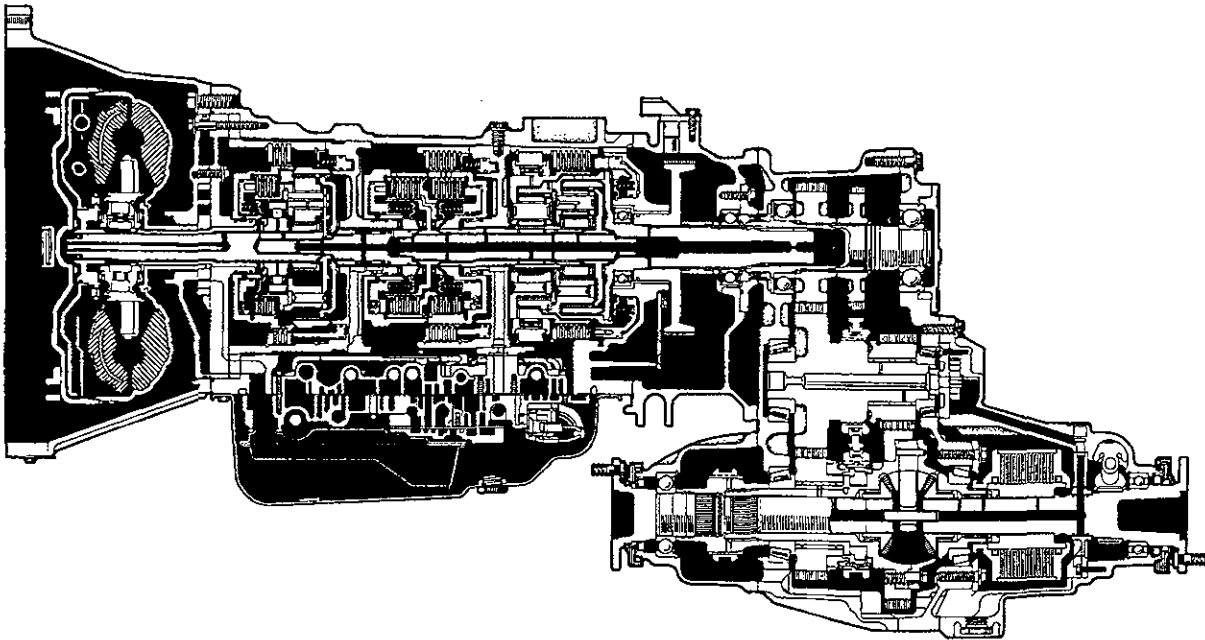
DESCRIPTION

GENERAL

AT07G-01

The new A442F automatic transmission is a 4—speed Electronic Controlled Automatic Transmission and has following features;

- Electronic control provides shift and lock—up points most appropriate for the power characteristics of each engine and improves shift response.
- A high—performance super flow torque converter is used to improve starting off, acceleration and fuel economy.
- For easier operation, the shift lever positions have been reduced from 7 (P,R,N,D,3,2,L) to the 6 positions (P,R,N,D,2,L) used in passenger vehicles, and an O/D main switch has been provided on the shift lever.
- On vehicles using the 1FZ—FE engine, shift response has been greatly improved by communication between the Engine ECU and ECT ECU to momentarily reduce engine output when shifting.



W01778

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 ₂)	5 / 5	←
1st and Reverse Brake (B ₃)	6 / 6	←
O/D Brake (B ₀)	3 / 3	←
ATF Type	ATF DEXRON® II	←
Capacity (US pts, Imp. qts)		
Total	15.0 (15.9, 13.2)	←
Drain & Refill	6.0 (6.3, 5.3)	←

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