■E350 SERIES MANUAL TRANSAXLE

The gear ratio of the transaxle has been set as follows:

Model Code		ACA2**-A*MNK*	CLA2**-A*MNYW	ACA2**-A*MNK*
Engine		1AZ-FE	1CD-FTV	2AZ-FE
Transaxle		E352F (4WD)	E353F (4WD)	E359F (4WD)
Gear Ratio	1st	3.833	←	←
	2nd	2.045	←	1.913
	3rd	1.333	←	1.258
	4th	1.028	0.972	0.972
	5th	0.820	0.731	0.775
	Reverse	3.583	←	←
Final Gear Ratio		4.562	4.235	4.562
Oil Type		SAE 75W-90, API GL-3	←	←
Oil Capacity liter (US qts., Imp. qts.)		3.4 (3.2, 3.9)	←	←

■AUTOMATIC TRANSAXLE

An ATF (Automatic Transaxle Fluid) warmer has been newly adopted.

- While the engine is being warmed up, the ATF warmer effects a heat exchange between the engine coolant and ATF before the thermostat of the engine opens. This promotes the rise in the ATF temperature, which shortens the startup time of the flex-lockup control of the automatic transaxle and improves fuel economy.
- While the engine is operating under a low to medium load after it has been warmed up, the ATF warmer uses the engine coolant to cool the ATF, before the coolant is cooled in the radiator. This reduces friction in the automatic transaxle and improves fuel economy.
- While the engine is operating under a high load after it has been warmed up, if the ATF temperature becomes higher than the engine coolant temperature, the ATF warmer functions as a cooler to cool the ATF. Because the temperature of the engine coolant that cools the ATF is high, a radiator with a large heat dissipation capability has been provided in order to ensure the proper amount of cooling performance.

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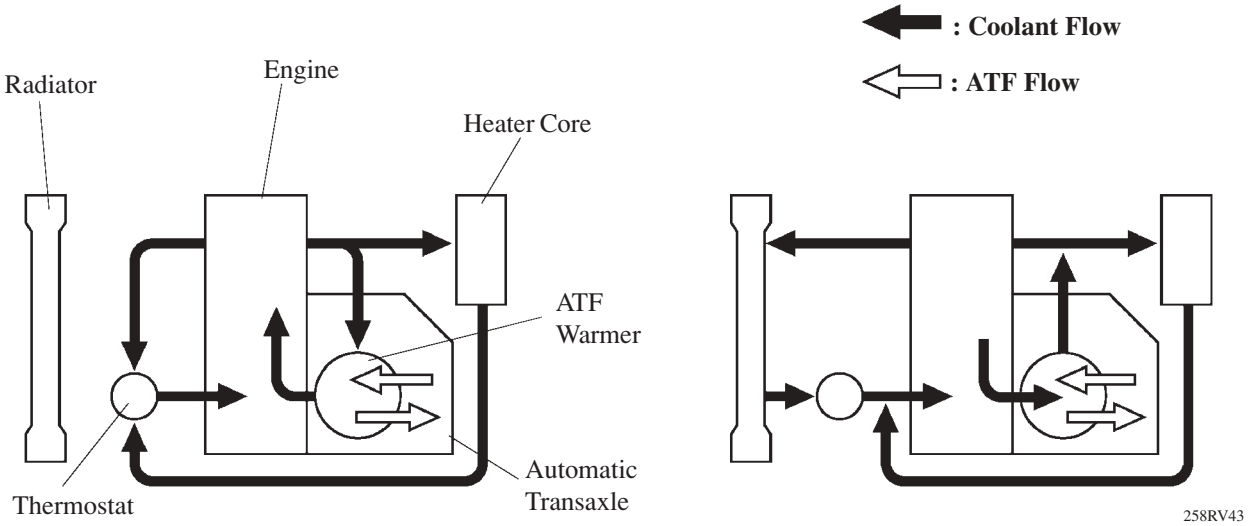

Coolant Flow with Thermostat Closed **Coolant Flow with Thermostat Open**