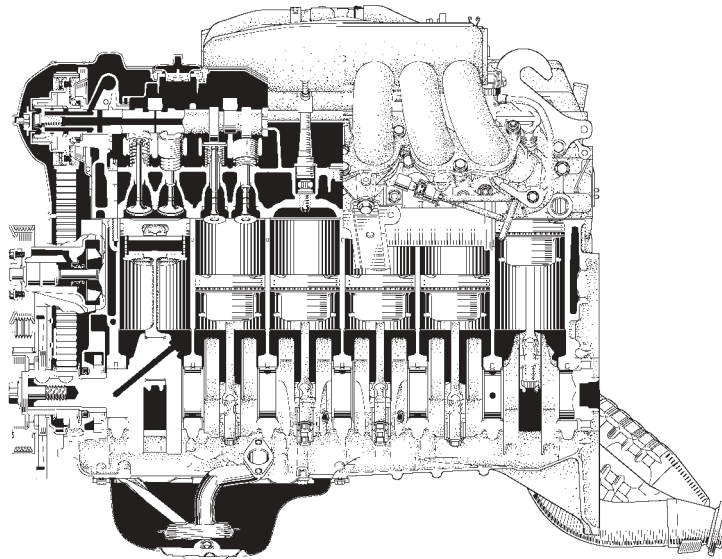


## 2JZ-GE ENGINE

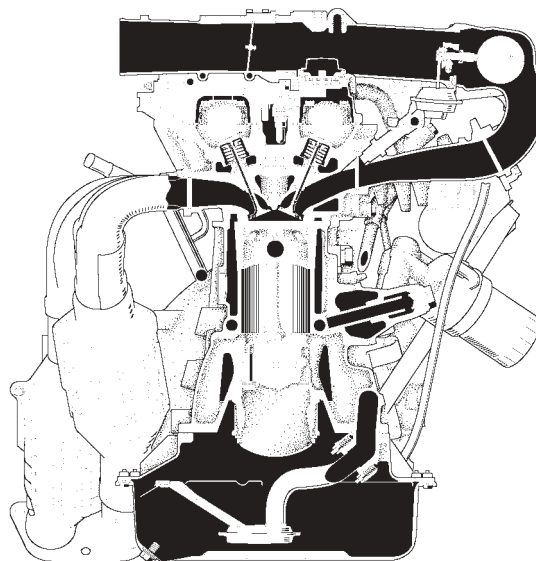
### ■ DESCRIPTION

- The IS300/IS300 SportCross have equipped the 2JZ-GE engine which is in-line 6-cylinder, 3.0-liters, 24-valve DOHC engine.
- The same 2JZ-GE engine is used for IS300 and IS300 SportCross.
- The 2JZ-GE engine has the following systems:
  - 1) VVT-i (Variable Valve Timing-intelligent) system
  - 2) ETCS-i (Electronic Throttle Control System-intelligent)
  - 3) ACIS (Acoustic Control Induction System)
- This engine complies with European STEP III regulation requirements.
- The basic construction and operation are the same as 2JZ-GE engine in the GS300.

NF



204EG50



204EG51

## ► Engine Specification ◀

Model			IS300/IS300 SportCross	GS300
Engine Type			2JZ-GE	←
No. of Cyls. & Arrangement			6-Cylinder, In-Line	←
Valve Mechanism			24-Valve, DOHC, Belt Drive	←
Combustion Chamber			Pentroof Type	←
Manifold			Cross-Flow	←
Fuel System			EFI	←
Displacement                      cm <sup>3</sup> (cu. in.)			2997 (182.9)	←
Bore x Stroke                                  mm (in.)			86.0 x 86.0 (3.39 x 3.39)	←
Compression Ratio			10.5 : 1	←
Max. Output (EEC)			157 kW @ 5800 rpm	163 kW @ 5800 rpm
Max. Torque (EEC)			288 N·m @ 3800 rpm	298 N·m @ 3800 rpm
Valve Timing	IN.	Open	−6° ~ 41° BTDC	←
		Close	59° ~ 12° ABDC	←
	EX.	Open	40° BBDC	←
		Close	6° ATDC	←
Research Octane Number			95 or more	←
Weight (Dry)                                  kg (lb)			196 (432)	←
Oil Grade			API SL EC or ILSAC GF-3	←

## ► Performance Curve ◀

