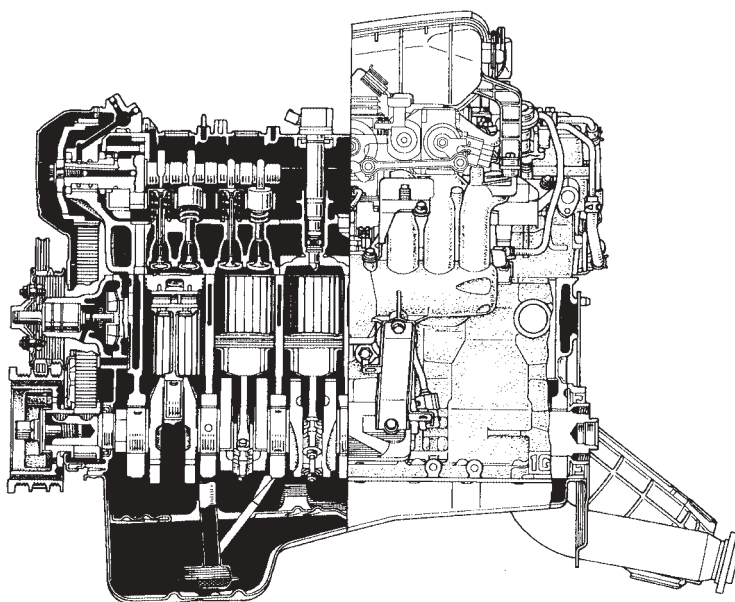


## ENGINE

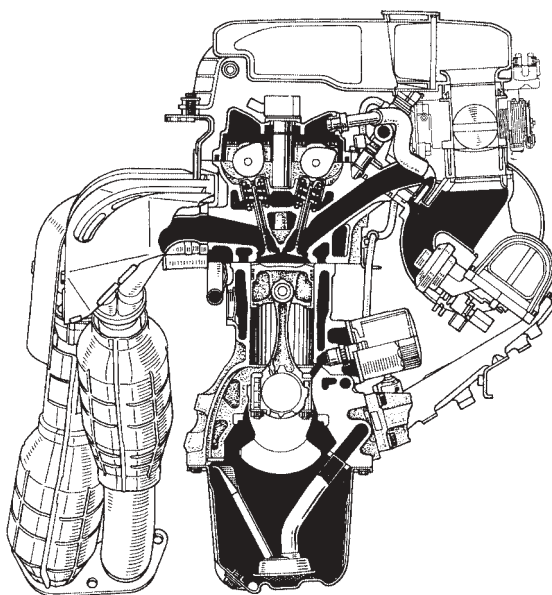
### 1G-FE ENGINE

#### ■ DESCRIPTION

The 1G-FE engine has adopted the VVT-i (Variable Valve Timing-intelligent) system, ACIS (Acoustic Control Induction System) and a long dual exhaustmanifold to improve engine performance and fuel economy and reduce exhaust emissions. In addition, it has adopted the ETCS-i (Electronic Throttle Control System-intelligent) to ensure excellent vehicle controllability and improve its comfort.



163EG01



163EG02

## ► Specifications ◀

Engine			1G-FE
Item			
No. of Cyls. & Arrangement			6-Cylinder, In-Line
Valve Mechanism			24-Valve, DOHC, Belt & Gear Drive
Combustion Chamber			Pentroof Type
Manifolds			Cross-Flow
Fuel System			EFI
Displacement cm <sup>3</sup> (cu. in.)			1988 (121.3)
Bore x Stroke mm (in.)			75.0 x 75.0 (2.95 x 2.95)
Compression Ratio			10.0 : 1
Max. Output [EEC]			114 kW @6200 rpm
Max. Torque [EEC]			195 N·m @4600 rpm
Valve Timing	Intake	Open	−3° ~ 44° BTDC
		Close	59° ~ 12° ABDC
	Exhaust	Open	47° BBDC
		Close	3° ATDC
Fuel Octane Number (RON)			95 or More
Oil Grade			API SHEC-II, SJEC or ILSAC

EG

## ► Performance Curve ◀

