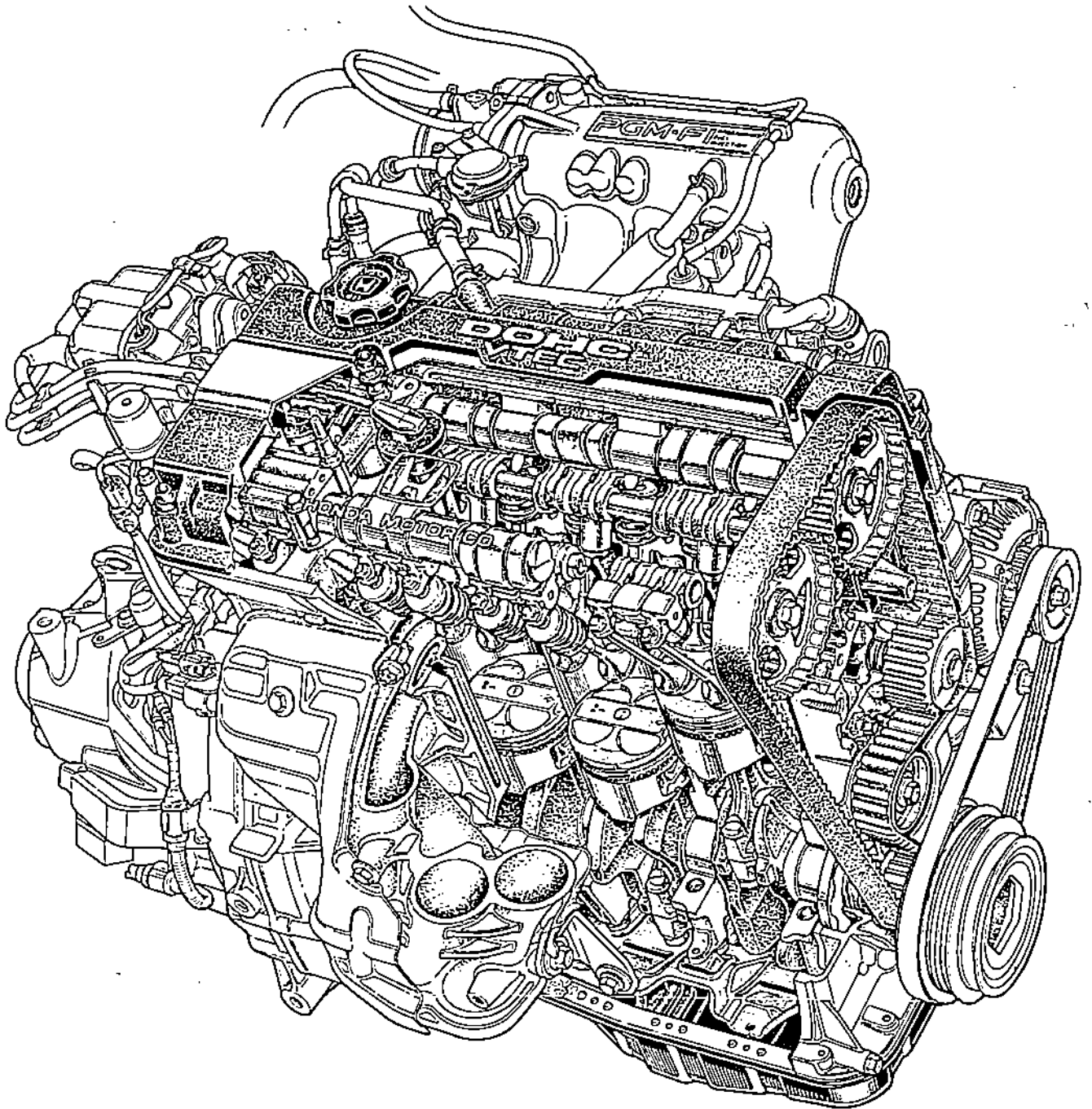


# Outline

## Description

The engine is a B16A (1,595 cc MPI-Multi Point Injection) in-line 4-cylinder water-cooled, DOHC 2-cam/16-valve, center plug type with pentroof combustion chambers. The engine incorporates a new mechanism called the Honda Variable Valve Timing and Lift Electronic Control System (V-TEC). This is the world's first mechanism allowing, simultaneously changes of both the timing and the degree of lift of the engine intake and exhaust valves.





**Features:**

- The crankshaft is made by forging, and the main shaft is supported at five points.
- The cylinder head is made of aluminum alloy, a center plug type pentroof shaped combustion chamber is used, and the 4-valve system uses 2 inlet valves and 2 exhaust valves.
- The system is of the DOHC type, uses swing arm type rocker arms and is driven by a timing belt. Belt tension is adjustable.
- The V-TEC type engine has three rocker arms at each intake and exhaust side per cylinder.
- The cylinder block is made of aluminum alloy and uses cast iron sleeves.
- The electronic fuel injection system is of the sequential injection type and injects fuel into all four cylinders, the throttle body is of the one-barrel side draft type.
- The ignition system is of the fully transistorized, contactless type. The spark advance device is of the electronic type.
- The air cleaner is placed at the right front portion of the engine compartment and equipped with a resonator.
- The radiator is of a corrugated type, and the cooling fan is electromotive.

**Major Specifications:**

Items		Area code	KE, KG, KF, KX
Engine	Engine Code		B16A
	Transmission type		5-speed Manual
	Type		Water-cooled 4-stroke DOHC in-line 4-cylinder transversely mounted
	Fuel supply system		PGM-FI
	Bore x Stroke		81.0 x 77.4 mm (3.19 x 3.05 in)
	Compression ratio		10.2 : 1
	Displacement		1,595 cm <sup>3</sup> (97cu-in)
	Fuel required		95 RON (unleaded)
Electrical	Battery		55B24R
	Starter motor		1.4 kW
	A.C.G.		70 A (MAX)
Service data	Engine oil capacity		4.8 l (5.1 US qt, 4.2 Imp qt) for engine disassembly 4.0 l (4.2 US qt, 3.5 Imp qt) for oil change
	Red zone		8,000 min <sup>-1</sup> (rpm)
	Idle speed		750 min <sup>-1</sup> (rpm)
	Spark plug	NGK	
ND			K20PR-L11