



TOYOTA PETROL (GASOLINE) ENGINE WITH VVT.I INJECTION CUTAWAY

A1

Product number
AE45181E



Cutaway of a Toyota 4-cylinder petrol (gasoline) engine featuring VVT.i (Variable Valve Timing with Intelligence) system. Equipped with double overhead camshaft (DOHC) and electronically controlled intake valves, the model highlights a multi-point electronic injection system and offers visible cross-sections of key components. Carefully sectioned and painted model demonstrates the internal workings of systems as lubrication, cooling, ignition, timing and fuel, providing an training for automotive industry.



Features

- Fully functional 4-cylinder petrol engine with VVT.i technology for demonstrating variable valve timing.
- Equipped with a DOHC mechanism, featuring four valves per cylinder and electronically controlled intake valves.
- Multi-point electronic injection system with detailed throttle component.
- Visible thermostatic valve, alternator, roller chain, and cooling pathways for a complete understanding of engine operation.
- Cutaway model with color-coded sections for visual differentiation of lubricating, fuel, and cooling systems.
- Operates at 220V (110V US) with reduced speed for demonstrating engine movements and cycle phases.

Specifications

- Dimensions: 700 x 900 x 1000 mm (27.5 x 35.4 x 39.37 inch)
- Weight: approx. 60 kg (132 lbs)
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