



## PETROL(GASOLINE) ENGINE WITH DIRECT INJECTION 16 VALVES MPI INJECTION CUTAWAY MODEL

A1

Product number

AE44600E-F



The petrol engine with direct injection features a 4-cylinder, 16-valve configuration, incorporating a multi-point electronic injection system. This model is based on Audi/VW engine systems. Designed for high performance and compliance with strict emission standards, it includes a DOHC twin overhead camshaft and water cooling system. This cutaway model is carefully sectioned and mounted on a mobile stand, enabling detailed examination of internal systems, powered by a 220V connection.



### Features

- 4-cylinder petrol engine with direct injection and multi-point electronic injection
- DOHC twin overhead camshaft system for improved engine efficiency
- 16 valves (4 per cylinder) with water cooling system
- Fully operational model running on 220V power supply, allowing observation at reduced speed
- Mounted on a stand with wheels for enhanced mobility and classroom integration
- Professionally painted cutaway model, highlighting different circuits such as lubrication, fuel, and cooling systems

### Specifications

- Displacement: 1400-2000 cc
- Electrical operation: 220V (US 110V)
- Dimensions: 900 x 1100 x 1250 mm (35.43 x 43.31 x 49.21 in)
- Weight: 150 kg (330.69 lbs)