



TRUCK TURBO DIESEL ENGINE WITH GEARBOX CUTAWAY

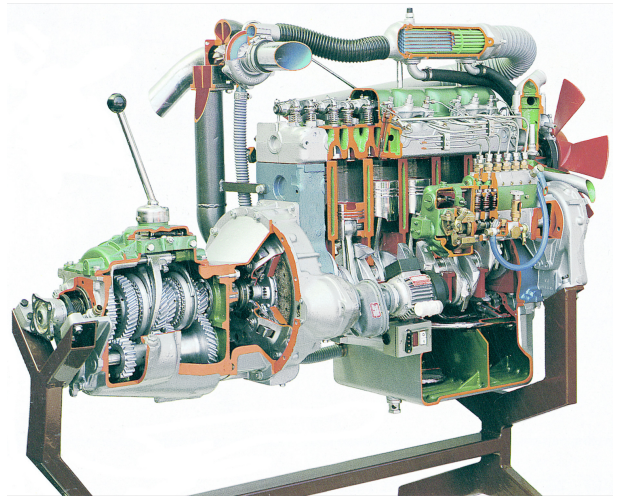
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Product number

AE36080E



Cutaway 6-cylinder inline, 4-stroke turbo diesel engine model with a 5200 cu. cm displacement, direct injection system, and Bosch-type in-line fuel pump with a mechanical governor. It features an air-air intercooler, turbo-supercharger, and a 4-speed gearbox with reverse. The engine operates electrically at 220V with reduced speed, enabling safe observation of moving components. Visible systems include crankshaft, pistons, camshaft, valves, and cylinder head, along with cooling, oiling, and exhaust systems, all mounted on a wheeled stand for mobility.



Features

- 6-cylinder inline, 4-stroke diesel engine with 5200 cu. cm displacement.
- Direct injection system with Bosch-type in-line fuel pump and mechanical governor.
- Turbo-supercharger and air-air intercooler for enhanced engine performance.
- Gearbox with 4 forward speeds and reverse, featuring a spring single-plate clutch.
- Exposed internal components: crankshaft, pistons, camshaft, valves, cylinder head, and cylinder block.
- Visible cooling, oiling, and exhaust systems for comprehensive study.
- Electrically powered at 220V, operating at a reduced speed for safe and detailed observation.

Specifications

- Dimensions: 900 × 1800 × 1700 mm (35.43 in × 70.87 in × 66.93 in)
- Weight: Approx. 450 kg (990 lb)
- Product number: AE36080E