



TRUCK DIESEL ENGINE WITH COMMON RAIL SYSTEM (CR) CUTAWAY

A1

Product number
AE36082

Educational Trainer features sectioned Iveco engine equipped with a Common Rail (CR) fuel system. This model showcases 4-6 in-line cylinders, a camshaft, and detailed mechanical components including lubricating, fuel, and cooling systems. It operates electrically at 220 volts (110V US) with reduced speed for simulation of internal mechanics.



Features

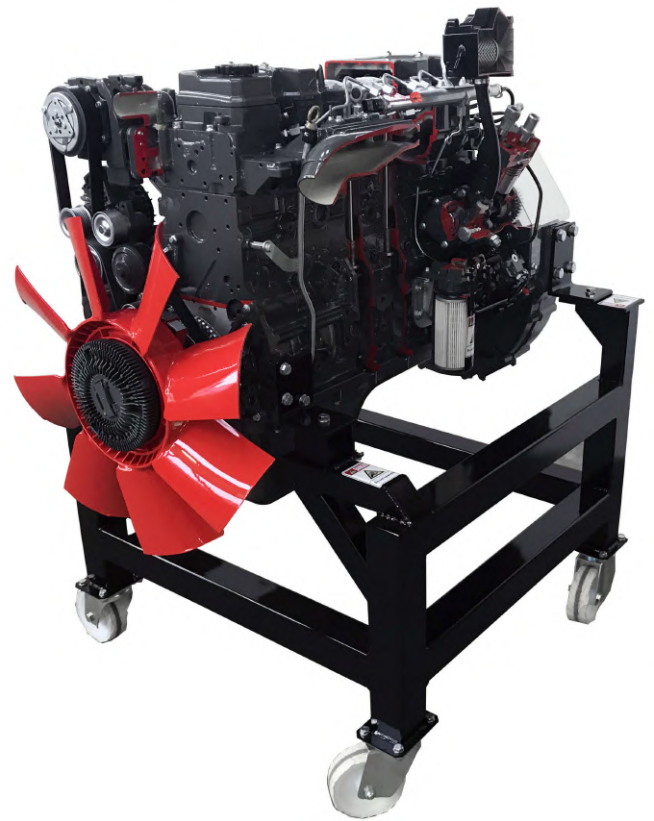
- Sectioned Iveco engine with a Common Rail (CR) fuel system.
- Includes 4-6 in-line cylinders, camshaft, and various mechanical parts.
- Visible lubricating circuits, fuel system, and cooling system.
- Operates at 220 volts (110V US), running at reduced speed for detailed observation.
- Engine parts and systems are professionally painted in distinct colors for enhanced differentiation and learning.





Value for Students

- Fully sectioned engine showcasing key components such as in-line cylinders, camshaft, and various mechanical parts. This allows for a clear understanding of the engine's internal structure and operational mechanisms.
- Observe the functioning of critical systems including the lubricating circuit, fuel system, and cooling system. The model's electrical operation at 220 volts (110V US), running at a reduced speed, enables students to closely monitor and analyze the movement and interaction of mechanical parts.
- The engine is professionally painted in different colors to differentiate parts and systems, enhancing visual learning and aiding in the comprehension of complex engine assemblies.
- Engage with the engine's mechanical operation, understanding the principles of the Common Rail system and its impact on fuel delivery and engine performance. Students can interact with the model to observe real-time changes and responses in engine behavior.



Value for Instructors

- Use the sectioned engine as an interactive training tool to demonstrate engine component functions and system operations.
- Includes OEM parts for realistic and safe instruction.
- Electrically driven at reduced speed for safe, clear observation of mechanical processes without combustion.
- Color-coded cross-sections and exposed internals aid understanding of component interaction.
- Mounted on a mobile stand for flexible integration in classroom settings.

Specifications

- Dimensions: 2000 x 1050 x 1500 mm (78.74 x 41.34 x 59.06 in)
- Weight: approx. 1200 kg (2645 lb)
- Engine Configuration: 4-6 in-line cylinders.
- Operation: Electrically operated at 220 volts (110V US), reduced speed.
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