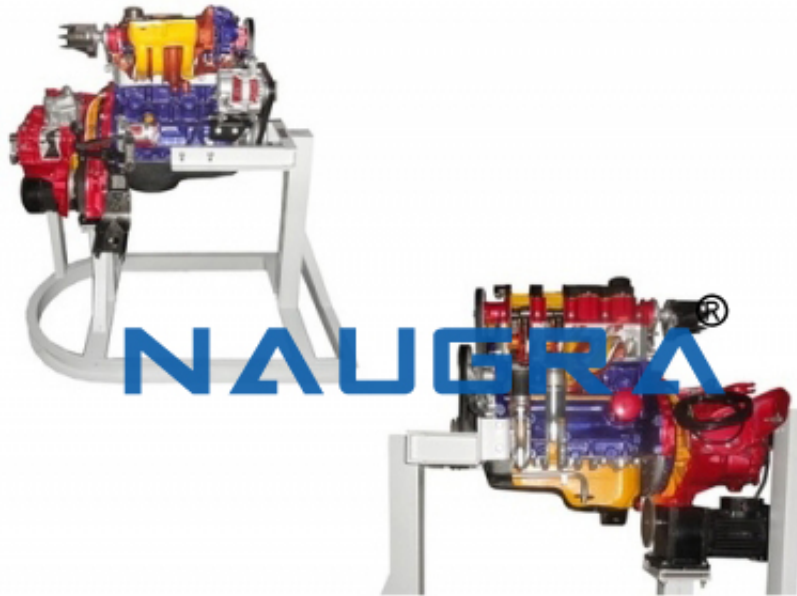


Product Name :
Cut Section Model of Four Cylinder Four Stroke Petrol Engine

Product Code :
NEGEMG161



Description :

Cut Section Model of Four Cylinder Four Stroke Petrol Engine

The CTEV-01 is full scale working cut section model designed to enable students to study different systems of an automobile petrol engine & demonstrate its working. The setup uses an actual automobile petrol engine, sectioned at suitable locations to display internal assemblies. In order to visualize operation of engine assemblies, the engine is driven from flywheel end using a low speed motor (Optional).

Features:

- Designed for comprehensive study of engine components & their operation.
- Automotive paints used for painting sectioned engine assemblies.
- Low speed gear motor to drive the engine from flywheel side (Optional).

Description:The

demonstration system consists of a sectioned petrol engine of a car (TATA / Maruti or equivalent). The engine is cut at different locations in order to display its components like piston, cylinder, crank shaft, cam shaft etc. Auxiliary systems like oil sump, starter, alternator, radiator, air cleaner etc. are also cut in order to show their construction details. The engine operation can be visualized by running it at low speeds using a drive motor connected to flywheel. All the engine assemblies are repainted using automotive grade paints & color coded in order to make students understand the sectioned parts. The engine assembly along with drive system is mounted on a sturdy steel frame, fitted with castor wheels for mobility

Demonstration Capabilities:

- Demonstration of sectioned assemblies of a four cylinder four stroke petrol engine.
- Demonstration of working of four cylinder four stroke petrol engine.
- Study of auxiliary engine systems like electrical system, cooling system, air & fuel supply system.

Specifications:

- Engine:
Four cylinder four stroke petrol engine. Make – Maruti / TATA All important components like piston, cylinder, crank shaft, cam shaft, connecting rod etc. are exposed. Auxiliary systems like Fuel Supply system, Air Supply System, Cooling system are also included.
- Drive Motor: Geared motor, 0.5 hp, 230 V AC / 415 V AC (Three Phase), Foot Mounted.
- Base Frame: Fabricated Steel frame for mounting the engine, provided with castor wheels for mobility.

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773