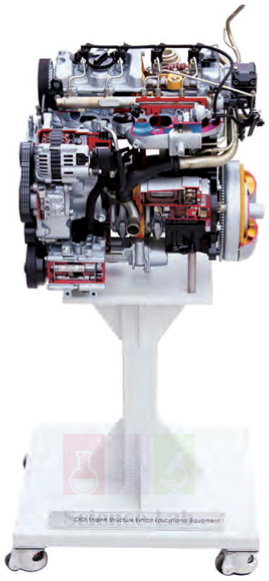
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Product Name :

CRDI Diesel Engine SANTAFE D Engine, Stand

Product Code :

SLE/ATE/15



Email : sales@scilabexport.com
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Description :

CRDI Diesel Engine SANTAFE D Engine, Stand (Product Code: SLE/ATE/15) is a sectioned 2,000cc CRDI BOSCH D engine on a braked, wheeled stand, used to teach the structure and operating principle of common rail diesel engines in automotive classrooms and workshops. A 220V motor under an engine speed controller turns the precisely cut engine, so learners can watch pistons, valves and crank move. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, to engineering colleges and training centres as part of its range of engineering lab equipment in India.

Specifications

Parameter	Detail
Engine	2,000cc CRDI BOSCH D engine, same as the real-vehicle unit, precisely cut to show internal movement
Engine ancillaries	Starting motor, generator, air conditioner compressor, intake manifold, torque converter
Systems shown	Fuel system, cooling system, lubrication system
Drive	220V motor with engine speed controller
Electrical safety	Safety breaker, emergency switch, safety fuse
Stand	Steel frame with heat treatment painting; 4 wheels with brakes
Finish	Each incised section painted in a different colour
Weight	Approx. 250 kg
Size	Approx. 650 × 500 × 1,500 mm
Product code	SLE/ATE/15
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Training contents:

- How to attach and detach the generator and starting motor
- Replacement of the timing belt and other belts
- How to replace the oil filter

What Is the CRDI D Engine Cutaway Stand Used For?

Common rail diesel theory is easier to grasp when the moving parts are visible. With the motor turning the engine slowly, an instructor can point out valve timing, piston position and crank rotation through the cut sections, then raise the speed on the controller to show the cycle as a whole. Because each incised section carries its own colour, students quickly tell the fuel, cooling and lubrication systems apart.

The stand also supports practical service tasks: removing and refitting the generator and starting moto and brake oth a demo cours