



PETROL (GASOLINE) MPI ENGINE

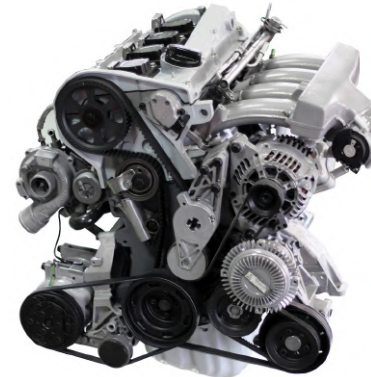
A1

Product number

VIVV01-ADR



Petrol (gasoline) engine with a Multi-Point Injection (MPI) system for disassembling and assembling. Visible components such as the intake manifold, throttle body, alternator, and includes complete timing and auxiliary belts. Mounted on a manually 360° rotating stand with worm and wheel gearboxes, it's designed for practical disassembly and assembly training.



Features

- Complete petrol(gasoline) MPI engine equipped with intake manifold, throttle body, and auxiliary components such as alternator, power steering pump, and air conditioning compressor.
- Manually 360° rotating stand with worm and wheel gearboxes for precise engine positioning.
- Mobile unit with 4 castors for easy transport and classroom arrangement.
- Timing and auxiliary belts included for comprehensive training on belt systems and engine timing.

Value for Students

- Acquire comprehensive skills in disassembling and assembling a petrol (gasoline) engine, familiarizing with components such as the intake manifold, throttle body and other components.
- Understand the operational principles of MPI fuel supply systems, focusing on the distribution of fuel to each cylinder for efficient combustion.

Learn the function and maintenance of auxiliary systems, including the alternator, power steering pump, water pump, and air conditioning compressor.

Gain proficiency in timing belt management, including idler pulleys, belt tensioning, and alignment, crucial for maintaining engine performance and longevity.

Practice using a manually rotating stand that allows 360° engine orientation, providing safe and thorough access to all engine parts for detailed study.