



# PETROL (GASOLINE) FSI ENGINE FOR DISASSEMBLING AND ASSEMBLING

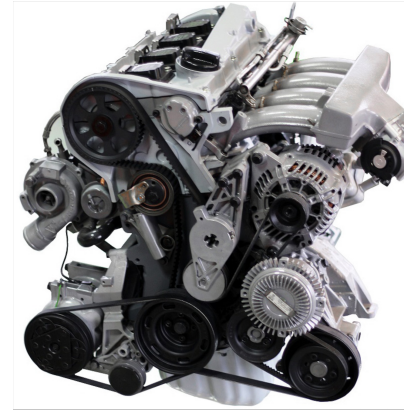
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Product number

VIVV01-FSI



Petrol (gasoline) OEM engine training model features an FSI (fuel-stratified injection) engine mounted on a 360° manually rotating stand with wheels. Designed for disassembly and reassembly, it offers hands-on access to all engine components, focusing on mechanical systems for advanced automotive training.



## Features

- FSI petrol (gasoline) engine for disassembly and reassembly training.
- 360° manually rotating stand with worm and wheel gearboxes.
- Mobile unit with 4 castors for easy transport.
- Complete timing and auxiliary belt system included.
- No wiring diagrams or sensors for only mechanical focus.

## Value for Students

- Gain detailed knowledge of engine disassembly and reassembly, studying each component's function in engine operation.
- Learn the working principles of the FSI fuel system, including direct fuel injection's effects on combustion and performance.
- Practice removing and reinstalling key components like cylinder heads, pistons, and valves.
- Develop skills in timing belt and auxiliary belt replacement, ensuring proper tension and alignment.
- Manually rotate engine 360° for full access to all parts during assembly and disassembly.
- Focus on core mechanical skills, with no sensors or electronic systems to distract from manual diagnostics.