

**Description**

- For timing belt replacement training
- Auxiliary drive belt replacement training
- DOHC twin overhead camshaft
- 4 valves per cylinder
- Water cooling
- 12V alternator
- Including the special tools for timing

Technical specifications and functions**Visible components of the sectioned engine model:**

- Engine block
- Engine head
- Crankshaft
- Connecting rod
- DOHC dual overhead camshaft (camshafts, valves, valve lifters, water pump and etc.)
- Pistons with rings
- Timing belt with camshaft sprocket and tensioners
- Alternator belt with tensioner

The cutaway engine model is designed to demonstrate:

- Piston, rings, combustion chamber, intake and exhaust ports, DOHC components, injector and glow plug positions in a combustion chamber;
- Operation of the DOHC mechanism by turning the crankshaft*;

* Training cut-away engine model is not suitable for intensive rotation. All rotating parts must be lubricated before the rotation.

Timing and alternator belt replacement

The educational engine model contains all elements of the original car: timing belt, tensioners, alternator belt, crankshaft sprocket and etc. Using instructions and recommendations it is possible to demonstrate belt replacement procedures. Torque measurements of the components can be performed by using special tools. Equipment for technical and vocational Tesca education and training.

Note: Specifications are subject to change.

Other

- Minimal space for training and storage
- Minimal weight in order to avoid additional transportation or mounting stands. Demonstrations can be performed using a workbench or tool trolley
- Cross-section of the training engine is protected with safety plastic protection
- The training engine model is equipped with bench clamps
- The training engine model is equipped with a special tool kit for timing belt replacement
- Dimensions approx. (HxLxW): 500x500x300 mm
- Nett weight approx.: 40 Kg

Tesca training equipment is a great tool for professional teachers and technicians that helps explain to students of technical subjects how processes in Petrol DOHC engine ½ cutaway Educational Trainer AT0189 Tesca operate and its technology.

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