

**Description**

- For timing belt replacement training
- Auxiliary drive belt replacement training
- 2 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
- OHC camshaft with valves
- Pistons with rings;
- Timing belt with camshaft sprocket and tensioners;
- Alternator belt with tensioner;
- High-pressure CR pump
- Power steering pump
- Air conditioner compressor

**The cutaway engine model is designed to demonstrate:**

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

\* Training cutaway 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 automotive 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): 650x600x320 mm
- Nett weight approx.: 75 Kg

Tesca training equipment is a great tool for professional teachers and technicians that helps explain to students of technical subjects how processes in Diesel OHC Common Rail engine ½ cutaway Educational Trainer AT0190 Tesca operate and its technology.

Note: Specifications are subject to change.

