

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.

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.

Other

- Minimal space for training and storage
- Minimal weight in order to avoid additional transportation or mounting stands. Demonstrations can be performed using 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 special tool kit for timing belt replacement
- Dimensions approx. (HxLxW): 500x500x300 mm
- Nett weight approx.: 40 Kg
- Made in EU