

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

Cut away 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.

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;
- Training engine model is equipped with bench clamps;
- Training engine model is equipped with special tool kit for timing belt replacement;
- Dimensions approx. (HxLxW): 650x600x320 mm
- Nett weight approx.: 75 Kg
- Made in EU