

Virtual AUTO Mechanic Premium for Automotive Powertrain Software

The specialized educational tool is specifically designed for **vocational schools, technical colleges, and applied undergraduate programs with the goal of enhancing automotive education**. This software utilizes advanced **3D virtual simulation technology** to recreate the **disassembly and assembly procedures of automotive powertrains**, as well as their **underlying principles**, offering students a practical and interactive learning experience.



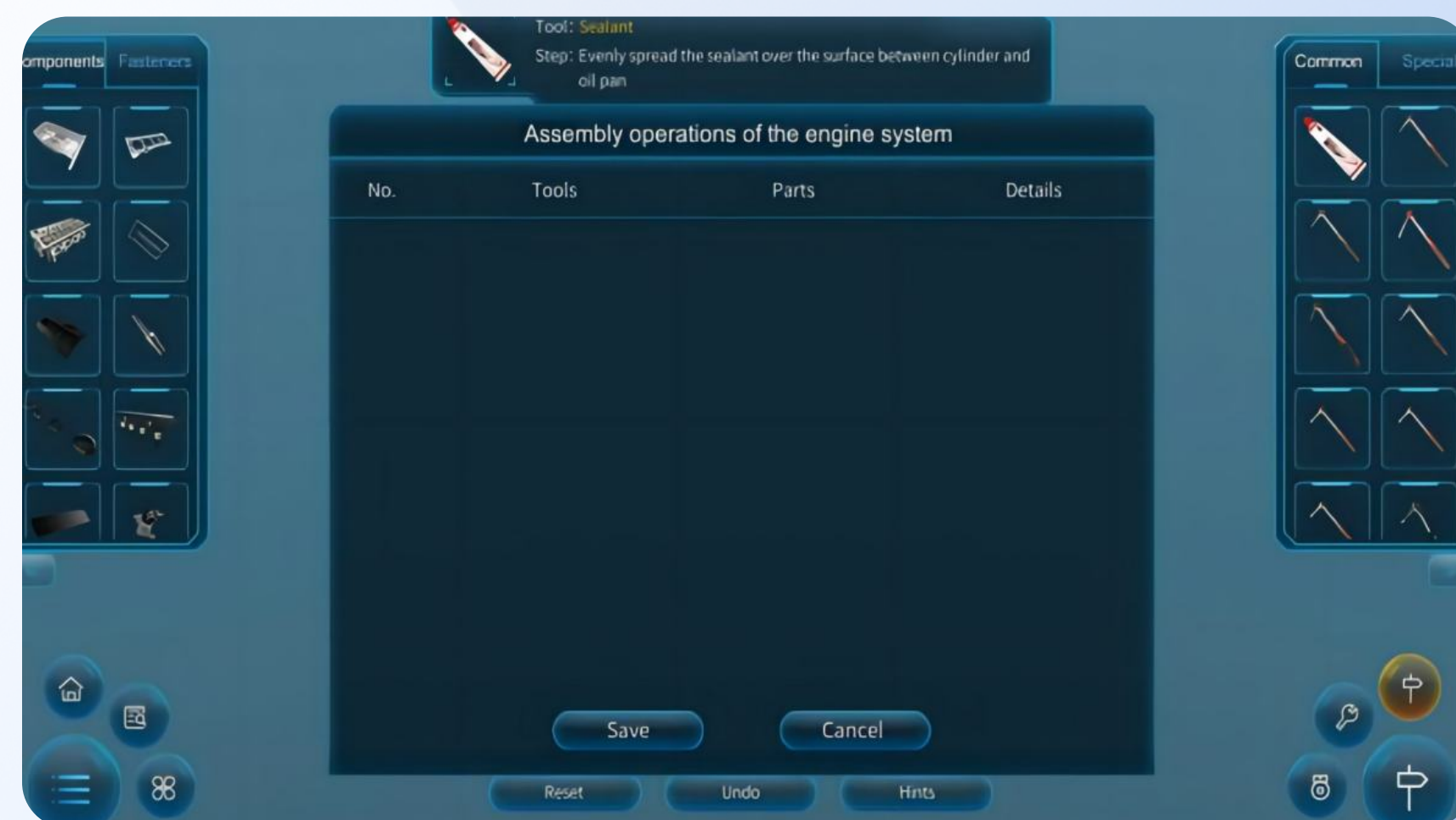
The software accurately replicates the assembly and disassembly operations, resulting in cost savings and mitigating high risks associated with physical consumption.



It provides students with a wide range of tools and models to practice with, allowing for a fully immersive experience that enhances their learning.



Users have the freedom to rotate or move any part within the software and can zoom in or out to observe in greater detail.



Users can export record reports to review their operations and make improvements accordingly.

Highlights

- Using the **Chevrolet Cruze model** for **1:1** scale modeling, following standardized procedures, and simulating operational steps and manufacturer repair manual processes. This ensures the professionalism and standardization of instructional training;
- Addressing challenges such as limited teaching resources and equipment wear and tear by combining preliminary and hands-on training, merging virtual and real experiences;
- Offering comprehensive disassembly and assembly content, providing three distinct modes for practical exercises: a guided mode suitable for classroom teaching, a training mode for individual practice, and an assessment mode for evaluating understanding and mastery;
- Offering both **Chinese and English** versions, allowing seamless language switching to accommodate diverse employment requirements;
- Providing a comprehensive simulation within a virtual reality environment, replicating the disassembly and assembly of automobiles. It incorporates guided, training, and assessment modes to solidify and assess students' understanding of key and challenging aspects. This enhances students' proficiency in practical operations, reducing losses during actual training sessions;

Functionalities

Modules	Features
Disassembly Training	engine, transmission, suspension, brake, air distribution box, air-conditioning compressor steering system.
Assembly Training	
Principle Display	