



GEARBOX CVT FOR DISASSEMBLING AND ASSEMBLING

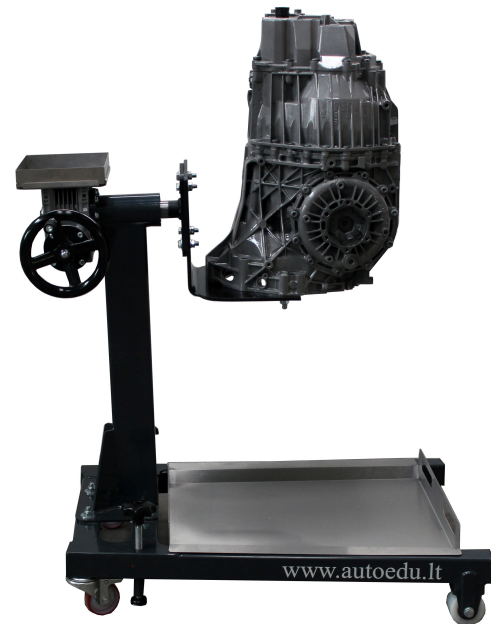
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Product number

GDVV01-CVT



Gearbox Educational Trainer for Disassembling and Assembling features an automatic Continuously Variable Transmission (CVT) Multitronic gearbox, mounted on a manually rotating stand with worm and wheel gearboxes. Designed for technical and vocational automotive training, this trainer allows for detailed disassembly, assembly, and examination of the CVT system. It is equipped with a 360° rotating stand and is mobile on 4 castors, providing versatile access and positioning within educational settings.



Features

- Automatic CVT Multitronic gearbox for comprehensive training in continuously variable transmission systems.
- Mounted on a manually 360° rotating stand with worm and wheel gearboxes for easy access and detailed examination.
- Mobile with 4 castors for versatile positioning and classroom integration.
- Designed for in-depth disassembly, assembly, and operational training of CVT systems.

Value for Students

- Gain hands-on experience with an automatic CVT Multitronic gearbox, understanding its unique continuously variable transmission principles.
- Learn the mechanics of CVT systems, including the variator, pulleys, and belt or chain mechanisms that enable seamless gear ratio changes.
- Explore the functioning of key components such as the input and output shafts, planetary gear sets, and hydraulic actuators used in CVT operation.
- Disassemble and reassemble the CVT gearbox to study internal parts, gear ratios, and the assembly process, enhancing practical skills and technical knowledge.
- Understand the principles of torque transfer and adaptive transmission control, including how the CVT adjusts to different driving conditions.
- Examine the integration of sensors and electronic controls in modern CVT systems, including their role in optimizing performance and efficiency.