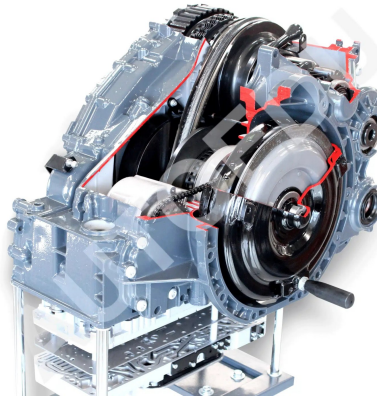




CVT Gearbox with Simulation

Category: Automotive · Model reference: MZM-8036



SPECIFICATIONS

DESCRIPTION

This training unit features a genuine Proton automotive Continuously Variable Transmission (CVT) mounted on a heavy-duty moveable stand, designed specifically for practical student instruction, overhaul procedures, and interactive classroom simulation. The system provides students with hands-on experience in understanding Proton CVT operating principles, primary and secondary pulley ratio variations, steel push-belt drive mechanisms, hydraulic control valve bodies, and wet clutch assemblies. In addition to standard overhaul procedures, this unit features an Integrated Motorized Live-Simulation System. Powered by an electric drive motor, it rotates the transmission input shaft to demonstrate dynamic operation, continuous automatic ratio variation (stepless gearing), and full shift-lever range functional simulation (P - R - N - D). This unit comes complete with a dedicated set of Special Service Tools (SST) designed specifically for Proton CVT servicing to facilitate proper assembly, disassembly, maintenance, dynamic simulation testing, and overhaul training in accordance with OEM manufacturer standards.

2. KEY SIMULATION & DEMONSTRATION FEATURES

3. TRAINER LEARNING CAPABILITIES

4. TRAINER SYSTEM COMPONENTS & SPECIFICATIONS

1. Control Panel Module:
2. Master Power ON/OFF Key Switch
3. Variable Speed Adjustment Knob (RPM Control)
4. Digital Tachometer / Speed Display (Input/Output RPM)
5. Main Emergency Stop Button (Push-Lock Turn-Reset)
6. Operational Status LED Indicator Lights
7. Gear Selector Assembly: Floor/Stand-mounted shifter console with clear P - R - N - D position indicator.



C. Mounting & Frame Structure

D. Dedicated Proton CVT Special Service Tools (SST) Kit

- 1x Primary & Secondary Pulley Locking / Holding Tool
- 1x Bearing & Oil Seal Puller / Installer Set
- 1x Wet Clutch Pack Compressor Tool
- 1x Differential / Output Shaft Seal Replacer Set
- 1x Heavy-Duty Dedicated Storage Case / Custom Tool Tray

5. ITEMS INCLUDED IN SHIPMENT

1. 1 Unit x Proton CVT Gearbox Assembly with Integrated Motorized Simulation Drive Mounted on Heavy-Duty Stand
2. 1 Unit x Control Panel Box & P-R-N-D Shift Selector Unit
- 1 Set x Dedicated Proton CVT Special Service Tools (SST) Kit in Storage Case
3. 1 Copy x Practical Lab Activity, Simulation & Overhaul Workshop Manual (Includes step-by-step disassembly/reassembly procedures, OEM torque specifications, simulation operating guidelines, and component identification charts)
4. 1 Copy x Parts Breakdown & Explosive View Wall Chart / Diagram

6. OTHER ITEMS REQUIRED (SUPPLIED BY USER)