

Product Name :
Air-Conditioning System Trainer

Product Code :
AUTO-0033



Description :

Air-Conditioning System Trainer

Technical Specification :

This real component-based trainer provides students and instructors with the opportunity to demonstrate and investigate the operation of a functional automotive air conditioning system.

The trainer is designed to allow access to the vacuum system and electrical system, as well as provide the opportunity to understand the processes involved with system evacuation and charging.

The unit features a dashboard control system and has a single-phase electric motor that drives the a/c compressor.

Special sight glasses are fitted to the high-pressure and low-pressure pipes to allow the student to see the two states of the refrigerant.

It is possible to use the unit with an industrial standard recharging station, allowing the student to service the entire air conditioning system.

Typical practical tasks include:-

Air conditioning trainer familiarisation

Identify A/C components and operation

Investigate A/C trainer operation

Identify refrigerant types

Conduct an A/C system performance test

Verify correct operation and maintenance of refrigerant handling equipment

Identify and recover A/C system refrigerant

Evacuate and charge A/C system

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