Product name:	Product code:
Anti-Lock Braking Systems Panel Trainer	AUT0-0035



Description

Anti-Lock Braking Systems Panel Trainer

Technical specification

Effects of slip on wheel braking and vehicle stability

Basic concepts of an ABS system

Static operation of an ABS system, covering pressure isolation, pressure dump, pressure increase and pressure normal.

This trainer provides students and instructors with the opportunity to demonstrate, investigate and fault-find a simulation of a typical 4-wheel anti-lock braking system.

The trainer is designed to demonstrate ABS hydraulic and electrical system operation, as well as provide the ability to simulate changes in road conditions that impact ABS operation.

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To facilitate the development of techniques in diagnostics and fault-finding skills.

The panel includes a range of fault-insertion options to simulate typical realworld system malfunctions.

Typical practical tasks include:-

Principles of braking systems and vehicle acceleration/deceleration

Identify the phases of ABS operation

Test the operation of ABS sensors and switches

Concepts of wheel spin and slip