

Product Code . JL-IEL-10153

## Anti Lock Braking System Trainer



### Description

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Anti Lock Braking System (ABS) Trainer

All modern car are now days fitted with anti lock braking system.

This trainer helps the students to understand the working of ABS.

**The trainer consists of the following parts:-**

1. Control Panel
2. Break Light
3. ECU
4. ABS Hydraulic Activator
5. Break Lever
6. Pressure Gauges
7. Common Pressure Gauge.

An anti-lock braking system (ABS) is a safety system that prevents the wheels on a motor vehicle from locking up (or ceasing to rotate) while braking).

A rotating road wheel allows the driver to maintain steering control under heavy braking by preventing a skid and allowing the wheel to continue interacting tractively with the road surface as directed by

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driver steering inputs.

ABS offers improved vehicle control and decreases stopping distances on dry and especially slippery surfaces for many drivers, but on loose surfaces like gravel and snow-on-pavement it can slightly increase braking distance, while still improving vehicle control.

Stopping a car in a hurry on a slippery road can be very challenging.

Anti-lock braking systems (ABS) take a lot of the challenge out of this sometimes nerve-wracking event.

In fact, on slippery surfaces, even professional drivers can't stop as quickly without ABS as an average driver can with ABS.

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