



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 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.

Note: Specifications are subject to change.

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