

ABS

Anti Lock Braking System

Function of ABS

Anti-lock braking systems (ABS) are designed to prevent wheels from locking up during braking. This helps maintain vehicle control and stability, especially in emergency situations or slippery surfaces.

How ABS works

By utilising wheel speed sensors, these systems can detect when one or more wheels have stopped rotating. In such cases, ABS reduces the braking force momentarily, allowing the tyres to regain traction and resume rotating before reapplying the brakes.

Why should I want it?

- Directional stability during braking
- Prevention of flat-spotted tyres
- Reduced stopping distances

When it matters most:



Emergency braking



Braking in low-grip conditions such as rain or ice



Braking when the vehicle is unladen



Braking when wheels face uneven friction, like one side leaving the pavement



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