

Two-wheeler Braking System Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 to 2034

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Abstracts

The Global Two-Wheeler Braking System Market was valued at USD 4.4 billion in 2024 and is anticipated to grow at a CAGR of 6.5% from 2025 to 2034. The market's growth is primarily driven by the enforcement of stringent safety regulations aimed at reducing accidents and fatalities. Regulatory bodies worldwide now mandate advanced braking systems like Anti-lock Braking Systems (ABS) or Combi-Braking Systems (CBS) for two-wheelers above certain engine capacities. These measures aim to enhance braking efficiency and stability, particularly under emergency conditions or on challenging road surfaces.

The increasing adoption of advanced braking technologies responds to these regulatory requirements, bolstering market expansion. Manufacturers are focusing on research and development to integrate these systems cost-effectively into mass-market two-wheelers, thereby broadening accessibility. Additionally, the rising demand for two-wheelers in Asia-Pacific, fueled by the growing popularity of last-mile delivery services, is driving production and, consequently, the demand for braking systems.

In terms of propulsion, the market is categorized into internal combustion engine (ICE) and electric vehicles (EVs). ICE two-wheelers held 76% share in 2024 and are expected to generate USD 3.5 billion by 2034. ICE vehicles dominate due to their well-established manufacturing base, affordability, and widespread fuel infrastructure. Their cost-effectiveness makes them particularly appealing in price-sensitive markets, especially in regions like Asia-Pacific.

The market is also segmented by sales channels into original equipment manufacturers (OEMs) and aftermarket. In 2024, OEMs held 85% share, leveraging their ability to

seamlessly integrate braking systems during production. Their control over design, development, and assembly processes ensures the incorporation of advanced technologies, enhancing product quality and performance.

India two-wheeler braking system market accounted for 35% share in 2024 and is projected to generate USD 1.5 billion by 2034. This growth is driven by the high demand for affordable transportation solutions in densely populated areas. Robust production capabilities and extensive supply chains in the region further support market growth. Additionally, increasing urbanization and worsening traffic congestion have heightened the adoption of motorcycles and scooters, fueling the need for effective braking systems.

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