

## **Automotive Brake Booster and Master Cylinder Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034**

Market Report | 2024-12-09 | 180 pages | Global Market Insights

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### **Report description:**

The Global Automotive Brake Booster And Master Cylinder Market was valued at USD 14.3 billion in 2024 and is expected to experience significant growth, projected to expand at a CAGR of 5.3% from 2025 to 2034. This market growth is largely driven by the increasing adoption of electric and autonomous vehicles, which require advanced braking systems. Electric vehicles (EVs) are contributing to a surge in demand for electric brake boosters, as traditional braking systems rely on engine vacuum-a feature that EVs do not have.

At the same time, governments worldwide are tightening safety regulations, which is further boosting the demand for sophisticated braking solutions. These regulations are pushing the integration of advanced braking systems in both new vehicles and retrofitted models to enhance safety, reduce accidents, and minimize fatalities. The emphasis on regulatory compliance in key regions such as North America, Europe, and parts of Asia-Pacific is a major factor driving the adoption of these technologies, thereby fueling market growth.

The market is divided into three primary brake booster technologies: vacuum-assisted, hydraulic-assisted, and electronic brake boosters. Vacuum-assisted brake boosters held the largest share in 2024, accounting for 65% of the market. This technology is expected to reach USD 15 billion by 2034. Vacuum-assisted boosters are the preferred choice for passenger and light commercial vehicles due to their cost-effectiveness and efficiency. By utilizing the engine's vacuum to enhance braking force, these boosters offer reliability and compatibility with internal combustion engines, making them an ideal option for traditional vehicle models.

In terms of vehicle type, passenger cars dominate the automotive brake booster and master cylinder market, representing 72% of the total market share in 2024. This leadership is attributed to the high production and sales volumes of passenger vehicles globally. The passenger car segment includes a wide range of personal vehicles, including sedans, SUVs, and hatchbacks, all of which play a vital role in the market's overall growth.

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The Asia-Pacific region accounted for 40% of the market share in 2024 and is expected to generate USD 9.5 billion by 2034. China, as the leading country in this region, is forecast to contribute USD 4 billion to the market by 2034. China's dominant role in the global automotive industry, with its vast production and consumption of both passenger and commercial vehicles, continues to drive substantial demand for advanced braking technologies. As the automotive market in China and the Asia-Pacific region expands, the need for high-quality, efficient braking systems will only continue to grow.

**Table of Contents:**

Report Content

Chapter 1Methodology & Scope

1.1Research design

1.1.1Research approach

1.1.2Data collection methods

1.2Base estimates and calculations

1.2.1Base year calculation

1.2.2Key trends for market estimates

1.3Forecast model

1.4Primary research & validation

1.4.1Primary sources

1.4.2Data mining sources

1.5Market definitions

Chapter 2Executive Summary

2.1Industry 360 synopsis, 2021 - 2034

Chapter 3Industry Insights

3.1Industry ecosystem analysis

3.2Supplier landscape

3.2.1Raw material suppliers

3.2.2Component manufacturers

3.2.3Brake booster and master cylinder manufacturers

3.2.4Tier-1 automotive suppliers

3.2.5Original equipment manufacturers (OEMs)

3.3Profit margin analysis

3.4Cost breakdown analysis

3.5Technology & innovation landscape

3.6Key news & initiatives

3.7Regulatory landscape

3.8Impact forces

3.8.1Growth drivers

3.8.1.1The rising adoption of EVs and autonomous vehicles

3.8.1.2Growing awareness about road safety and regulatory mandates for advanced braking systems

3.8.1.3Technological advancements in innovations such as electric brake boosters

3.8.1.4Growing vehicle production in emerging markets

3.8.2Industry pitfalls & challenges

3.8.2.1High cost of advanced technologies

3.8.2.2Market saturation in developed economies

3.9Growth potential analysis

3.10	Porter's analysis
3.11	PESTEL analysis
Chapter 4Competitive Landscape, 2024	
4.1	Introduction
4.2	Company market share analysis
4.3	Competitive positioning matrix
4.4	Strategic outlook matrix
Chapter 5Market Estimates & Forecast, By Component, 2021 - 2034 (\$Bn, Units)	
5.1	Key trends
5.2	Brake booster
5.2.1	Vacuum brake booster
5.2.2	Hydraulic brake booster
5.3	Master cylinder
5.3.1	Tandem master cylinder
5.3.2	Single master cylinder
Chapter 6Market Estimates & Forecast, By Propulsion, 2021 - 2034 (\$Bn, Units)	
6.1	Key trends
6.2	ICE
6.3	Electric vehicles
6.3.1	Battery electric vehicles (BEV)
6.3.2	Plug-in hybrid electric vehicles (PHEV)
6.3.3	Hybrid electric vehicles (HEV)
Chapter 7Market Estimates & Forecast, By Vehicle, 2021 - 2034 (\$Bn, Units)	
7.1	Key trends
7.2	Passenger cars
7.2.1	Hatchback
7.2.2	Sedan
7.2.3	SUV
7.3	Commercial vehicles
7.3.1	Light commercial vehicles (LCV)
7.3.2	Heavy commercial vehicles (HCV)
Chapter 8Market Estimates & Forecast, By Technology, 2021 - 2034 (\$Bn, Units)	
8.1	Key trends
8.2	Vacuum-assisted
8.3	Hydraulic-assisted
8.4	Electronic brake boosters
Chapter 9Market Estimates & Forecast, By Sales Channel, 2021 - 2034 (\$Bn, Units)	
9.1	Key trends
9.2	OEMs
9.3	Aftermarket
Chapter 10Market Estimates & Forecast, By Region, 2021 - 2034 (\$Bn, Units)	
10.1	Key trends
10.2	North America
10.2.1	U.S.
10.2.2	Canada
10.3	Europe
10.3.1	UK

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- 10.3.2 Germany
- 10.3.3 France
- 10.3.4 Spain
- 10.3.5 Italy
- 10.3.6 Russia
- 10.3.7 Nordics
- 10.4 Asia Pacific
  - 10.4.1 China
  - 10.4.2 India
  - 10.4.3 Japan
  - 10.4.4 South Korea
  - 10.4.5 ANZ
  - 10.4.6 Southeast Asia
- 10.5 Latin America
  - 10.5.1 Brazil
  - 10.5.2 Mexico
  - 10.5.3 Argentina
- 10.6 MEA
  - 10.6.1 UAE
  - 10.6.2 South Africa
  - 10.6.3 Saudi Arabia
- Chapter 11 Company Profiles
  - 11.1 ADVICS Co.
  - 11.2 Aisin
  - 11.3 Akebono Brake Industry
  - 11.4 Brembo
  - 11.5 Cardone Industries
  - 11.6 Continental
  - 11.7 DENSO
  - 11.8 Federal-Mogul Holdings Corporation
  - 11.9 Haldex
  - 11.10 Hitachi Astemo
  - 11.11 Hyundai Mobis
  - 11.12 Knorr-Bremse
  - 11.13 KYB
  - 11.14 Magneti Marelli
  - 11.15 Mando
  - 11.16 Nissin Kogyo
  - 11.17 Robert Bosch
  - 11.18 Tenneco
  - 11.19 TRW Automotive
  - 11.20 ZF Friedrichshafen

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