

Global Automotive Brake System Market Size study & Forecast, by Brake Type (Disc Brake, Drum Brake), by Vehicle Type (Passenger Cars, Light Commercial Vehicles, Heavy Commercial Vehicles), by Technology (Anti-Lock Braking System, Electronic Stability Control, Traction Control System, Electronic Brake-Force Distribution) and Regional Analysis, 2023-2030

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Abstracts

Global Automotive Brake System Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% during the forecast period 2023-2030. The automotive brake system is a crucial component in vehicles designed to slow down or stop the vehicle safely. The primary purpose of a brake system is to convert kinetic energy (motion) into heat energy, dissipating it through friction to bring the vehicle to a controlled stop. There are several types of brake systems, still the two most common are disc brakes and drum brakes. Moreover, the growing vehicle production, rising demand for safety features in automobiles, and stringent government mandates for vehicle safety are anticipated to create a lucrative demand for the market during the forecast period 2023-2030.

Additionally, the growth of vehicle production has a direct and significant impact on the Automotive Brake System Market. As vehicle production increases, there is a proportional demand for essential components, including brake systems. Brakes are fundamental safety components in vehicles, and as more vehicles are manufactured, the demand for reliable and efficient brake systems grows. According to the International Organization of Motor Vehicle Manufacturers, in 2020, the number of vehicles produced globally was 77.6 million and the number reached 80.1 million in 2021. As a result, the rising demand for automotive vehicles globally is anticipated to

support the market growth. Moreover, the development of advanced braking systems and the growing popularity of Electric Vehicles (EVs) and hybrid vehicles are anticipated to create lucrative opportunities for the market. However, the high installation and maintenance cost stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Brake System Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing automotive industry, stringent safety regulations, increasing awareness among consumers about the importance of safety features, and growing investments in research and development by automotive brake system manufacturers. Whereas, the Asia Pacific is expected to grow with the fastest growth rate over the forecast period, owing to factors such as increasing vehicle production, growing emphasis on vehicle safety standards, and rapid urbanization and infrastructure development.

Major market player included in this report are:

Aisin Seiki Co., Ltd.

Robert Bosch GmbH

Nissin Kogyo Co., Ltd.

Continental AG

Wabco Holdings, Inc

Zf Friedrichshafen AG

Delphi Technologies

Autoliv Inc.

Hyundai Mobis Co., Ltd

Denso Corporation

Recent Developments in the Market:

Global Automotive Brake System Market Size study & Forecast, by Brake Type (Disc Brake, Drum Brake), by Vehicl...

In November 2022, In the third quarter, Continental AG secured a significant contract for the series production of its semi-dry brake system, also known as the Future Brake System. The contract, valued at approximately EUR 1.5 billion (USD 1.56 billion), was awarded by a leading North American car manufacturer on a global scale. Production of the system is slated to begin in 2025.

Global Automotive Brake System Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Brake Type, Vehicle Type, Technology, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Brake Type:

Disc Brake

Drum Brake

By Vehicle Type:

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

By Technology:

Anti-Lock Braking System (ABS)

Electronic Stability Control (ESC)

Traction Control System (TCS)

Electronic Brake-Force Distribution (EBD)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

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Middle East & Africa

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Rest of Middle East & Africa

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