

Passenger Car Brake Systems Market – Global Industry Size, Share, Trends Opportunity, and Forecast, Segmented By Vehicle Type (SUV, Sedan, Hatchback, MUV), By Sales Channel (OEM, Replacement), By Product Type (Disc Brakes, Drum Brakes), By Region, Competition, 2018-2028

<https://marketpublishers.com/r/P832A5CF6A97EN.html>

Date: October 2023

Pages: 178

Price: US\$ 4,900.00 (Single User License)

ID: P832A5CF6A97EN

Abstracts

The Global Passenger Car Brake Systems Market size reached USD 12.5 billion in 2022 and is expected to grow with a CAGR of 5.5% in the forecast period.

The Global Passenger Car Brake Systems Market is a multifaceted and critical segment of the automotive industry, with a profound impact on passenger safety, vehicle performance, and environmental sustainability. The market comprises an array of brake system components, each contributing to the overall efficacy of a car's braking mechanism. These components include disc brakes, drum brakes, hydraulic systems, electronic braking systems like ABS (Anti-lock Braking System) and ESC (Electronic Stability Control), and emerging technologies designed to enhance braking efficiency.

Safety is paramount in the automotive world, and it serves as a primary driver for this market. As consumers prioritize safety features when purchasing vehicles, brake systems have undergone significant advancements to meet these demands. Advanced technologies such as ABS and ESC have become standard features in many passenger cars. ABS prevents wheel lock-up during sudden braking, enhancing vehicle control, and reducing the risk of accidents. ESC complements ABS by detecting and mitigating skidding or loss of control, further improving overall vehicle stability and safety.

Environmental concerns have also spurred innovation within the brake systems market.

Regenerative braking technology, commonly found in hybrid and electric vehicles, represents a remarkable evolution. This technology allows the recovery and conversion of kinetic energy during braking into electrical energy, which can be stored or used to power auxiliary systems. Regenerative braking not only increases vehicle efficiency but also reduces emissions, aligning with global efforts to mitigate the environmental impact of the automotive industry.

Moreover, brake systems have witnessed significant technological advancements, notably in the form of brake-by-wire systems and integrated vehicle safety systems. Brake-by-wire replaces conventional mechanical linkages with electronic controls, offering precise braking control and enabling various driving modes. Integrated vehicle safety systems combine braking, steering, and suspension control to optimize vehicle performance under different conditions, further enhancing safety and driving experience.

Market dynamics vary by region. Mature markets in North America and Europe see steady demand for brake system upgrades and replacements as consumers prioritize vehicle maintenance and safety. In contrast, emerging economies in Asia-Pacific, Latin America, and Africa are experiencing a surge in passenger car ownership, driving the installation of new brake systems in vehicles entering the market.

In conclusion, the Global Passenger Car Brake Systems Market is a dynamic and technologically advanced sector driven by a strong emphasis on passenger safety, environmental consciousness, and regional market variations. As the automotive industry continues to evolve, brake system innovations remain at the forefront, ensuring that vehicles are not only safer but also more efficient and environmentally responsible.

Key Market Drivers

Safety Regulations and Consumer Awareness

Stringent safety regulations imposed by governments and increasing consumer awareness of vehicle safety have been instrumental in driving the Passenger Car Brake Systems Market. Consumers are demanding vehicles equipped with advanced braking systems like ABS, ESC, and collision avoidance systems to enhance passenger safety, reducing the risk of accidents and improving vehicle stability.

Technological Advancements

Continuous technological advancements in brake systems, such as brake-by-wire, regenerative braking, and integrated safety systems, have significantly improved brake efficiency and performance. These innovations not only enhance vehicle safety but also contribute to smoother driving experiences and better fuel efficiency.

Environmental Sustainability

The automotive industry's growing focus on environmental sustainability has led to the development of regenerative braking systems. These systems capture kinetic energy during braking and convert it into electrical energy, reducing fuel consumption and emissions. As environmental concerns mount, the adoption of eco-friendly brake systems is expected to rise.

Increasing Passenger Car Ownership

The global rise in passenger car ownership, particularly in emerging economies, is driving the demand for new brake systems. As more vehicles enter the market, the need for reliable and efficient brake systems becomes critical to ensure passenger safety and vehicle performance.

Electric and Hybrid Vehicle Growth

The increasing popularity of electric and hybrid vehicles has led to the development of specialized brake systems designed to accommodate regenerative braking and the unique characteristics of electric powertrains. This growth in alternative fuel vehicles is boosting the brake system market, as they require tailor-made braking solutions.

Urbanization and Traffic Congestion

Rapid urbanization has led to increased traffic congestion in cities worldwide. This has raised the importance of advanced brake systems, such as ABS and ESC, which improve vehicle control and safety in stop-and-go traffic situations. As urbanization continues, the demand for efficient brake systems is expected to persist.

Replacement and Upgradation Demand

In mature markets like North America and Europe, the need for brake system replacements and upgrades remains substantial. As vehicles age, consumers seek to maintain and improve their braking systems, contributing to aftermarket sales and

supporting the brake system market's stability.

Market Competition and Innovation

Intense competition among brake system manufacturers and the desire to gain a competitive edge drive innovation in the industry. Companies invest in research and development to create cutting-edge brake technologies, spurring market growth and enabling the introduction of more advanced systems.

In conclusion, the Global Passenger Car Brake Systems Market is driven by a confluence of factors, including safety regulations, technological advancements, environmental considerations, increasing car ownership, the growth of electric vehicles, urbanization, replacement demand, and market competition. As these drivers continue to shape the market, passenger car brake systems are expected to become even more advanced and integral to vehicle safety and performance.

Key Market Challenges

Technological Complexity

The rapid evolution of brake system technology, including electronic systems like ABS and ESC, introduces complexity into manufacturing and maintenance. Brake system components are becoming more intricate, requiring specialized knowledge for installation and repair. This complexity can lead to higher maintenance costs and service challenges.

Regulatory Compliance

Meeting stringent safety and environmental regulations is a constant challenge for brake system manufacturers. Adhering to evolving safety standards and emission regulations requires continuous investment in research and development to develop compliant brake systems, adding to production costs.

Cost Pressures

Consumers often seek cost-effective vehicles, which can put pressure on automakers to cut production costs. This cost-cutting can extend to brake systems, potentially compromising their quality and performance. Striking a balance between cost efficiency and safety remains a persistent challenge.

Environmental Concerns

While regenerative braking in electric vehicles is environmentally friendly, it presents challenges in terms of recycling and disposing of brake system components. Brake pads and discs contain materials that can be harmful to the environment if not properly managed, necessitating responsible end-of-life disposal strategies.

Counterfeit Parts

The market faces the issue of counterfeit brake system parts. These substandard components can jeopardize vehicle safety and performance. Brake system manufacturers must invest in measures to combat counterfeit products, ensuring consumer safety and trust.

Consumer Perception

Consumers often underestimate the importance of brake systems and may not be fully aware of their role in vehicle safety. Educating consumers and creating awareness about the significance of high-quality brake systems can be challenging but is crucial for road safety.

Market Saturation in Mature Regions

In mature markets like North America and Europe, the passenger car market is saturated. The challenge lies in sustaining demand for new brake systems as the majority of vehicles already have them. This makes aftermarket sales and servicing crucial for market stability.

Supply Chain Disruptions

Global supply chain disruptions, as seen during the COVID-19 pandemic, can disrupt the availability of critical brake system components. Manufacturers must manage supply chain risks effectively to ensure a consistent flow of materials and components.

In summary, the Global Passenger Car Brake Systems Market faces challenges related to technological complexity, regulatory compliance, cost pressures, environmental concerns, counterfeit parts, consumer perception, market saturation, and supply chain disruptions. Overcoming these challenges requires a combination of innovation,

regulatory adherence, consumer education, and efficient supply chain management to maintain the safety and reliability of brake systems in passenger vehicles.

Key Market Trends

Electrification and Regenerative Braking

The increasing adoption of electric and hybrid vehicles is driving a trend towards regenerative braking systems. These systems capture and convert kinetic energy during braking into electrical energy, improving vehicle efficiency and reducing emissions. As electric vehicles continue to gain popularity, regenerative braking is becoming a standard feature, revolutionizing brake system design.

Advanced Driver Assistance Systems (ADAS)

The integration of ADAS, including adaptive cruise control and collision avoidance systems, is driving the demand for more advanced brake systems. These systems require faster response times and precise control, leading to the development of enhanced brake-by-wire technology and electronic stability control (ESC) systems.

Lightweight Materials

The trend towards lightweighting in the automotive industry is influencing brake system components. Manufacturers are exploring the use of lightweight materials like carbon fiber-reinforced composites and aluminum to reduce unsprung mass, enhancing vehicle performance and fuel efficiency.

Connected and Autonomous Vehicles

The development of connected and autonomous vehicles requires brake systems capable of seamless integration with vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communication systems. These advanced vehicles demand highly responsive and adaptive brake systems to ensure safety and reliability.

Sustainable Materials and Manufacturing

Sustainability is a growing concern, leading to the use of eco-friendly materials in brake components. Manufacturers are exploring sustainable alternatives for brake pads and discs, reducing the environmental impact of brake system production and disposal.

Predictive Maintenance

The integration of sensors and IoT technology is enabling predictive maintenance for brake systems. Real-time monitoring of brake component wear and performance allows for timely maintenance, reducing downtime and enhancing safety. Fleet operators and consumers are increasingly valuing this capability.

Brake-by-Wire Systems

Brake-by-wire systems are gaining prominence, replacing conventional mechanical linkages with electronic controls. These systems offer precise control, enabling features like brake blending (combining regenerative and friction braking) and customizable driving modes for improved safety and performance.

Market Consolidation and Collaboration

The brake system market is witnessing consolidation as major players acquire smaller companies to expand their product portfolios and global reach. Additionally, collaboration between brake system manufacturers, automakers, and technology companies is driving innovation in brake system design and functionality.

In conclusion, the Global Passenger Car Brake Systems Market is evolving rapidly, driven by trends such as electrification, advanced driver assistance systems, lightweight materials, connectivity, sustainability, predictive maintenance, brake-by-wire technology, and market consolidation. These trends reflect the industry's response to changing consumer demands, environmental concerns, and advancements in automotive technology, ultimately leading to safer, more efficient, and environmentally friendly brake systems in passenger cars.

Segmental Insights

By Vehicle Types

The 'Vehicle Types' segment in the Global Passenger Car Brake Systems Market plays a pivotal role in catering to the diverse array of passenger vehicles and their specific braking requirements. This segment encompasses a wide spectrum of vehicle types, including sedans, SUVs, hatchbacks, sports cars, and electric vehicles (EVs). Each vehicle type has distinct characteristics that influence brake system design and

performance. For example, high-performance sports cars demand advanced braking systems capable of rapid deceleration and heat dissipation, while SUVs and electric vehicles require regenerative braking systems to enhance energy efficiency. Moreover, as electric vehicles become more prevalent, brake systems need to adapt to the unique characteristics of EV powertrains, including their regenerative braking capabilities. In this segment, brake system manufacturers must tailor their products to meet the specific needs of each vehicle type, considering factors such as weight, size, driving conditions, and customer preferences. This segmentation approach allows for the development of brake systems that optimize safety, performance, and energy efficiency for passenger cars across various categories, contributing to overall road safety and driving satisfaction.

By Sales Channel

The 'Sales Channel' segment within the Global Passenger Car Brake Systems Market provides critical insights into how brake systems reach end-users. It encompasses both original equipment manufacturers (OEMs) and the aftermarket. In the OEM sales channel, brake system components are supplied directly to vehicle manufacturers during the production process. This segment focuses on meeting specific vehicle models' requirements and performance standards, emphasizing precision and integration with the manufacturing process. On the other hand, the aftermarket sales channel serves vehicle owners seeking replacements, upgrades, or maintenance of their existing brake systems. This channel is driven by factors such as product availability, compatibility, convenience, and cost-effectiveness. It caters to a diverse range of consumers, including individuals, fleet operators, and repair shops, offering a wide selection of brake components and systems to meet various needs. Understanding the nuances of the Sales Channel segment is essential for brake system manufacturers to strategize their distribution networks and product offerings effectively, ensuring that both the OEM and aftermarket sectors are served optimally and contributing to the continued safety and reliability of passenger car brake systems worldwide.

By Product Type

The 'Product Type' segment in the Global Passenger Car Brake Systems Market is a crucial categorization that encompasses the diverse range of brake system components and technologies available for passenger cars. This segment comprises various key elements, including disc brakes, drum brakes, hydraulic brake systems, electronic braking systems (such as ABS and ESC), and emerging technologies like brake-by-wire systems. Each of these product types serves a distinct role in ensuring the efficient and

safe operation of passenger car brake systems. Disc brakes, for instance, are known for their superior stopping power and heat dissipation capabilities, making them ideal for high-performance vehicles. Drum brakes, while less common in modern vehicles, still find use in certain applications due to their simplicity and cost-effectiveness. Hydraulic brake systems are the backbone of traditional braking, providing the hydraulic force required to engage brake components. Electronic braking systems, including ABS and ESC, enhance control and stability by preventing wheel lockup and skidding. Emerging technologies like brake-by-wire are paving the way for more advanced and customizable braking experiences. Understanding this segmentation allows brake system manufacturers to tailor their offerings to meet the diverse demands of the passenger car market, ensuring that safety, performance, and efficiency are optimized for various vehicle types and customer preferences.

By Region

The 'Region' segment in the Global Passenger Car Brake Systems Market is a pivotal categorization that acknowledges the significant influence of geographical factors on the demand, preferences, and trends within the passenger car brake systems industry. This segmentation recognizes the regional variations in vehicle usage patterns, driving conditions, regulatory environments, and consumer preferences, all of which impact the types of brake systems and technologies favored in specific regions. For example, regions with harsher climates may prioritize brake systems designed to withstand extreme temperatures and provide reliable performance in adverse weather conditions. Furthermore, regions with dense urban populations may prioritize advanced braking technologies like ABS and ESC due to the challenges of stop-and-go traffic. Government regulations and emissions standards also vary by region, influencing the development and adoption of eco-friendly brake systems. Therefore, understanding the regional nuances within this segment is essential for brake system manufacturers to tailor their products and strategies effectively, ensuring they meet the unique demands of each market and contribute to road safety and vehicle performance on a global scale.

Regional Insights

The Asia-Pacific region stands out as a powerhouse in the Global Passenger Car Brake Systems Market. Rapid urbanization, growing populations, and a burgeoning middle class have fueled an increased demand for passenger cars, driving the need for advanced brake systems. Countries like China and India are witnessing robust passenger car sales, and as a result, the region has become a significant hub for both production and consumption of brake systems. In this dynamic market, brake system

manufacturers must adapt to diverse driving conditions, from congested urban traffic to mountainous terrains. Moreover, the region's strong focus on reducing emissions and enhancing vehicle safety has driven the adoption of advanced braking technologies, including ABS and ESC.

In North America, the passenger car brake systems market is characterized by a strong emphasis on safety and innovation. Stringent safety regulations and consumer preferences for vehicles equipped with advanced braking systems like ABS and ESC have driven the demand for high-performance brake components. The region also sees a thriving aftermarket, where consumers opt for brake system upgrades and replacements to ensure the safety and reliability of their vehicles. The emergence of electric vehicles and autonomous driving technologies in North America further encourages innovation in brake system design, as these vehicles require highly responsive and adaptive braking solutions.

Europe is renowned for its premium and luxury car segments, which demand top-tier brake systems to match their performance and safety requirements. Brake system manufacturers in this region focus on providing high-quality components, including disc brakes and advanced electronic systems. European consumers are highly conscious of vehicle safety and environmental concerns, leading to a growing demand for eco-friendly brake technologies and systems that comply with strict emissions regulations. Additionally, Europe is witnessing a rise in electric vehicle adoption, pushing brake system manufacturers to adapt to the unique needs of electric powertrains.

Latin America presents a diverse landscape for the passenger car brake systems market. While some countries are experiencing rapid urbanization and economic growth, others face challenging economic conditions. Despite these variations, the demand for reliable and cost-effective brake systems remains steady. As urban areas grow, there's an increasing need for advanced braking technologies to navigate traffic congestion safely. However, price sensitivity is a key factor, influencing consumers' choices in this region, where cost-effective yet quality brake systems are highly sought after.

In Africa, the passenger car brake systems market reflects the continent's diverse driving conditions and economic situations. Urban centers with heavy traffic demand advanced brake systems for safety, while rural areas rely on rugged and dependable components suitable for harsh terrains. Environmental concerns and emissions standards are also gaining attention in some African countries, fostering interest in eco-friendly brake technologies. Brake system manufacturers must navigate this diversity

and provide solutions that cater to both urban and rural driving needs.

In summary, regional insights in the Global Passenger Car Brake Systems Market highlight the diverse driving conditions, regulatory landscapes, consumer preferences, and economic factors that shape brake system demand in each region. Brake system manufacturers must adapt to these unique requirements to remain competitive and contribute to the safety and performance of passenger cars worldwide.

Key Market Players

Akebono Brake Industry Co.

Brembo SpA

Robert Bosch GmbH

Continental AG

Disc Brakes Australia (DBA)

Aptiv PLC (Delphi)

Federal-Mogul Holding Co.

Hella Pagid GmbH

Performance Friction Corporation (PFC) Brakes

TVS Brake Linings Co.

Report Scope:

In this report, the Global Passenger Car Brake Systems Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Passenger Car Brake Systems Market, By Vehicle Types:

SUV

Sedan

Hatchback

MUV

Passenger Car Brake Systems Market, By Sales Channel:

OEM

Replacement

Passenger Car Brake Systems Market, By Product Type:

Disc Brakes

Drum Brakes

Passenger Car Brake Systems Market, By Region:

North America

United States

Canada

Mexico

Europe & CIS

Germany

Spain

France

Russia

Italy

United Kingdom

Belgium

Asia-Pacific

China

India

Japan

Indonesia

Thailand

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

Turkey

Iran

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Passenger Car Brake Systems Market.

Available Customizations:

Global Passenger Car Brake Systems Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. INTRODUCTION

- 1.1. Product Overview
- 1.2. Key Highlights of the Report
- 1.3. Market Coverage
- 1.4. Market Segments Covered
- 1.5. Research Tenure Considered

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Market Overview
- 3.2. Market Forecast
- 3.3. Key Regions
- 3.4. Key Segments

4. IMPACT OF COVID-19 ON GLOBAL PASSENGER CAR BRAKE SYSTEMS MARKET

5. GLOBAL PASSENGER CAR BRAKE SYSTEMS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Volume & Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Vehicle Types Market Share Analysis (SUV, Sedan, Hatchback, MUV)
 - 5.2.2. By Sales Channel Market Share Analysis (OEM, Replacement)
 - 5.2.3. By Product Type Market Share Analysis (Disc Brakes, Drum Brakes)

- 5.2.4. By Regional Market Share Analysis
 - 5.2.4.1. Asia-Pacific Market Share Analysis
 - 5.2.4.2. Europe & CIS Market Share Analysis
 - 5.2.4.3. North America Market Share Analysis
 - 5.2.4.4. South America Market Share Analysis
 - 5.2.4.5. Middle East & Africa Market Share Analysis
- 5.2.5. By Company Market Share Analysis (Top 5 Companies, Others - By Value, 2022)
- 5.3. Global Passenger Car Brake Systems Market Mapping & Opportunity Assessment
 - 5.3.1. By Vehicle Types Market Mapping & Opportunity Assessment
 - 5.3.2. By Sales Channel Market Mapping & Opportunity Assessment
 - 5.3.3. By Product Type Market Mapping & Opportunity Assessment
 - 5.3.4. By Regional Market Mapping & Opportunity Assessment

6. ASIA-PACIFIC PASSENGER CAR BRAKE SYSTEMS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Volume & Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Vehicle Types Market Share Analysis
 - 6.2.2. By Sales Channel Market Share Analysis
 - 6.2.3. By Product Type Market Share Analysis
 - 6.2.4. By Country Market Share Analysis
 - 6.2.4.1. China Market Share Analysis
 - 6.2.4.2. India Market Share Analysis
 - 6.2.4.3. Japan Market Share Analysis
 - 6.2.4.4. Indonesia Market Share Analysis
 - 6.2.4.5. Thailand Market Share Analysis
 - 6.2.4.6. South Korea Market Share Analysis
 - 6.2.4.7. Australia Market Share Analysis
 - 6.2.4.8. Rest of Asia-Pacific Market Share Analysis
- 6.3. Asia-Pacific: Country Analysis
 - 6.3.1. China Passenger Car Brake Systems Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Volume & Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Vehicle Types Market Share Analysis
 - 6.3.1.2.2. By Sales Channel Market Share Analysis
 - 6.3.1.2.3. By Product Type Market Share Analysis

- 6.3.2. India Passenger Car Brake Systems Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Volume & Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Vehicle Types Market Share Analysis
 - 6.3.2.2.2. By Sales Channel Market Share Analysis
 - 6.3.2.2.3. By Product Type Market Share Analysis
- 6.3.3. Japan Passenger Car Brake Systems Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Volume & Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Vehicle Types Market Share Analysis
 - 6.3.3.2.2. By Sales Channel Market Share Analysis
 - 6.3.3.2.3. By Product Type Market Share Analysis
- 6.3.4. Indonesia Passenger Car Brake Systems Market Outlook
 - 6.3.4.1. Market Size & Forecast
 - 6.3.4.1.1. By Volume & Value
 - 6.3.4.2. Market Share & Forecast
 - 6.3.4.2.1. By Vehicle Types Market Share Analysis
 - 6.3.4.2.2. By Sales Channel Market Share Analysis
 - 6.3.4.2.3. By Product Type Market Share Analysis
- 6.3.5. Thailand Passenger Car Brake Systems Market Outlook
 - 6.3.5.1. Market Size & Forecast
 - 6.3.5.1.1. By Volume & Value
 - 6.3.5.2. Market Share & Forecast
 - 6.3.5.2.1. By Vehicle Types Market Share Analysis
 - 6.3.5.2.2. By Sales Channel Market Share Analysis
 - 6.3.5.2.3. By Product Type Market Share Analysis
- 6.3.6. South Korea Passenger Car Brake Systems Market Outlook
 - 6.3.6.1. Market Size & Forecast
 - 6.3.6.1.1. By Volume & Value
 - 6.3.6.2. Market Share & Forecast
 - 6.3.6.2.1. By Vehicle Types Market Share Analysis
 - 6.3.6.2.2. By Sales Channel Market Share Analysis
 - 6.3.6.2.3. By Product Type Market Share Analysis
- 6.3.7. Australia Passenger Car Brake Systems Market Outlook
 - 6.3.7.1. Market Size & Forecast
 - 6.3.7.1.1. By Volume & Value
 - 6.3.7.2. Market Share & Forecast

- 6.3.7.2.1. By Vehicle Types Market Share Analysis
- 6.3.7.2.2. By Sales Channel Market Share Analysis
- 6.3.7.2.3. By Product Type Market Share Analysis

7. EUROPE & CIS PASSENGER CAR BRAKE SYSTEMS MARKET OUTLOOK

7.1. Market Size & Forecast

- 7.1.1. By Volume & Value

7.2. Market Share & Forecast

- 7.2.1. By Vehicle Types Market Share Analysis
- 7.2.2. By Sales Channel Market Share Analysis
- 7.2.3. By Product Type Market Share Analysis
- 7.2.4. By Country Market Share Analysis
 - 7.2.4.1. Germany Market Share Analysis
 - 7.2.4.2. Spain Market Share Analysis
 - 7.2.4.3. France Market Share Analysis
 - 7.2.4.4. Russia Market Share Analysis
 - 7.2.4.5. Italy Market Share Analysis
 - 7.2.4.6. United Kingdom Market Share Analysis
 - 7.2.4.7. Belgium Market Share Analysis
 - 7.2.4.8. Rest of Europe & CIS Market Share Analysis

7.3. Europe & CIS: Country Analysis

7.3.1. Germany Passenger Car Brake Systems Market Outlook

- 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Volume & Value
- 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Vehicle Types Market Share Analysis
 - 7.3.1.2.2. By Sales Channel Market Share Analysis
 - 7.3.1.2.3. By Product Type Market Share Analysis

7.3.2. Spain Passenger Car Brake Systems Market Outlook

- 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Volume & Value
- 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Vehicle Types Market Share Analysis
 - 7.3.2.2.2. By Sales Channel Market Share Analysis
 - 7.3.2.2.3. By Product Type Market Share Analysis

7.3.3. France Passenger Car Brake Systems Market Outlook

- 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Volume & Value

- 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Vehicle Types Market Share Analysis
 - 7.3.3.2.2. By Sales Channel Market Share Analysis
 - 7.3.3.2.3. By Product Type Market Share Analysis
- 7.3.4. Russia Passenger Car Brake Systems Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Volume & Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Vehicle Types Market Share Analysis
 - 7.3.4.2.2. By Sales Channel Market Share Analysis
 - 7.3.4.2.3. By Product Type Market Share Analysis
- 7.3.5. Italy Passenger Car Brake Systems Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Volume & Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Vehicle Types Market Share Analysis
 - 7.3.5.2.2. By Sales Channel Market Share Analysis
 - 7.3.5.2.3. By Product Type Market Share Analysis
- 7.3.6. United Kingdom Passenger Car Brake Systems Market Outlook
 - 7.3.6.1. Market Size & Forecast
 - 7.3.6.1.1. By Volume & Value
 - 7.3.6.2. Market Share & Forecast
 - 7.3.6.2.1. By Vehicle Types Market Share Analysis
 - 7.3.6.2.2. By Sales Channel Market Share Analysis
 - 7.3.6.2.3. By Product Type Market Share Analysis
- 7.3.7. Belgium Passenger Car Brake Systems Market Outlook
 - 7.3.7.1. Market Size & Forecast
 - 7.3.7.1.1. By Volume & Value
 - 7.3.7.2. Market Share & Forecast
 - 7.3.7.2.1. By Vehicle Types Market Share Analysis
 - 7.3.7.2.2. By Sales Channel Market Share Analysis
 - 7.3.7.2.3. By Product Type Market Share Analysis

8. NORTH AMERICA PASSENGER CAR BRAKE SYSTEMS MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Volume & Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Vehicle Types Market Share Analysis

- 8.2.2. By Sales Channel Market Share Analysis
- 8.2.3. By Product Type Market Share Analysis
- 8.2.4. By Country Market Share Analysis
 - 8.2.4.1. United States Market Share Analysis
 - 8.2.4.2. Mexico Market Share Analysis
 - 8.2.4.3. Canada Market Share Analysis
- 8.3. North America: Country Analysis
 - 8.3.1. United States Passenger Car Brake Systems Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Volume & Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Vehicle Types Market Share Analysis
 - 8.3.1.2.2. By Sales Channel Market Share Analysis
 - 8.3.1.2.3. By Product Type Market Share Analysis
 - 8.3.2. Mexico Passenger Car Brake Systems Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Volume & Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Vehicle Types Market Share Analysis
 - 8.3.2.2.2. By Sales Channel Market Share Analysis
 - 8.3.2.2.3. By Product Type Market Share Analysis
 - 8.3.3. Canada Passenger Car Brake Systems Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Volume & Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Vehicle Types Market Share Analysis
 - 8.3.3.2.2. By Sales Channel Market Share Analysis
 - 8.3.3.2.3. By Product Type Market Share Analysis

9. SOUTH AMERICA PASSENGER CAR BRAKE SYSTEMS MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Volume & Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Vehicle Types Market Share Analysis
 - 9.2.2. By Sales Channel Market Share Analysis
 - 9.2.3. By Product Type Market Share Analysis
 - 9.2.4. By Country Market Share Analysis
 - 9.2.4.1. Brazil Market Share Analysis

- 9.2.4.2. Argentina Market Share Analysis
- 9.2.4.3. Colombia Market Share Analysis
- 9.2.4.4. Rest of South America Market Share Analysis
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Passenger Car Brake Systems Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Volume & Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Vehicle Types Market Share Analysis
 - 9.3.1.2.2. By Sales Channel Market Share Analysis
 - 9.3.1.2.3. By Product Type Market Share Analysis
 - 9.3.2. Colombia Passenger Car Brake Systems Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Volume & Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Vehicle Types Market Share Analysis
 - 9.3.2.2.2. By Sales Channel Market Share Analysis
 - 9.3.2.2.3. By Product Type Market Share Analysis
 - 9.3.3. Argentina Passenger Car Brake Systems Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Volume & Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Vehicle Types Market Share Analysis
 - 9.3.3.2.2. By Sales Channel Market Share Analysis
 - 9.3.3.2.3. By Product Type Market Share Analysis

10. MIDDLE EAST & AFRICA PASSENGER CAR BRAKE SYSTEMS MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Volume & Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Vehicle Types Market Share Analysis
 - 10.2.2. By Sales Channel Market Share Analysis
 - 10.2.3. By Product Type Market Share Analysis
 - 10.2.4. By Country Market Share Analysis
 - 10.2.4.1. Turkey Market Share Analysis
 - 10.2.4.2. Iran Market Share Analysis
 - 10.2.4.3. Saudi Arabia Market Share Analysis

- 10.2.4.4. UAE Market Share Analysis
- 10.2.4.5. Rest of Middle East & Africa Market Share Africa
- 10.3. Middle East & Africa: Country Analysis
 - 10.3.1. Turkey Passenger Car Brake Systems Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Volume & Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Vehicle Types Market Share Analysis
 - 10.3.1.2.2. By Sales Channel Market Share Analysis
 - 10.3.1.2.3. By Product Type Market Share Analysis
 - 10.3.2. Iran Passenger Car Brake Systems Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Volume & Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Vehicle Types Market Share Analysis
 - 10.3.2.2.2. By Sales Channel Market Share Analysis
 - 10.3.2.2.3. By Product Type Market Share Analysis
 - 10.3.3. Saudi Arabia Passenger Car Brake Systems Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Volume & Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Vehicle Types Market Share Analysis
 - 10.3.3.2.2. By Sales Channel Market Share Analysis
 - 10.3.3.2.3. By Product Type Market Share Analysis
 - 10.3.4. UAE Passenger Car Brake Systems Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Volume & Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Vehicle Types Market Share Analysis
 - 10.3.4.2.2. By Sales Channel Market Share Analysis
 - 10.3.4.2.3. By Product Type Market Share Analysis

11. SWOT ANALYSIS

- 11.1. Strength
- 11.2. Weakness
- 11.3. Opportunities
- 11.4. Threats

12. MARKET DYNAMICS

12.1. Market Drivers

12.2. Market Challenges

13. MARKET TRENDS AND DEVELOPMENTS

14. COMPETITIVE LANDSCAPE

14.1. Company Profiles (Up to 10 Major Companies)

14.1.1. Akebono Brake Industry Co.

14.1.1.1. Company Details

14.1.1.2. Key Product Offered

14.1.1.3. Financials (As Per Availability)

14.1.1.4. Recent Developments

14.1.1.5. Key Management Personnel

14.1.2. Brembo SpA

14.1.2.1. Company Details

14.1.2.2. Key Product Offered

14.1.2.3. Financials (As Per Availability)

14.1.2.4. Recent Developments

14.1.2.5. Key Management Personnel

14.1.3. Robert Bosch GmbH

14.1.3.1. Company Details

14.1.3.2. Key Product Offered

14.1.3.3. Financials (As Per Availability)

14.1.3.4. Recent Developments

14.1.3.5. Key Management Personnel

14.1.4. Continental AG

14.1.4.1. Company Details

14.1.4.2. Key Product Offered

14.1.4.3. Financials (As Per Availability)

14.1.4.4. Recent Developments

14.1.4.5. Key Management Personnel

14.1.5. Disc Brakes Australia (DBA)

14.1.5.1. Company Details

14.1.5.2. Key Product Offered

14.1.5.3. Financials (As Per Availability)

- 14.1.5.4. Recent Developments
- 14.1.5.5. Key Management Personnel
- 14.1.6. Aptiv PLC (Delphi)
 - 14.1.6.1. Company Details
 - 14.1.6.2. Key Product Offered
 - 14.1.6.3. Financials (As Per Availability)
 - 14.1.6.4. Recent Developments
 - 14.1.6.5. Key Management Personnel
- 14.1.7. Federal-Mogul Holding Co.
 - 14.1.7.1. Company Details
 - 14.1.7.2. Key Product Offered
 - 14.1.7.3. Financials (As Per Availability)
 - 14.1.7.4. Recent Developments
 - 14.1.7.5. Key Management Personnel
- 14.1.8. Hella Pagid GmbH
 - 14.1.8.1. Company Details
 - 14.1.8.2. Key Product Offered
 - 14.1.8.3. Financials (As Per Availability)
 - 14.1.8.4. Recent Developments
 - 14.1.8.5. Key Management Personnel
- 14.1.9. Performance Friction Corporation (PFC) Brakes
 - 14.1.9.1. Company Details
 - 14.1.9.2. Key Product Offered
 - 14.1.9.3. Financials (As Per Availability)
 - 14.1.9.4. Recent Developments
 - 14.1.9.5. Key Management Personnel
- 14.1.10. TVS Brake Linings Co.
 - 14.1.10.1. Company Details
 - 14.1.10.2. Key Product Offered
 - 14.1.10.3. Financials (As Per Availability)
 - 14.1.10.4. Recent Developments
 - 14.1.10.5. Key Management Personnel

15. STRATEGIC RECOMMENDATIONS

- 15.1. Key Focus Areas
 - 15.1.1. Target Regions
 - 15.1.2. Target Vehicle Type
 - 15.1.3. Target By Sales Channel

16. ABOUT US & DISCLAIMER

I would like to order

Product name: Passenger Car Brake Systems Market – Global Industry Size, Share, Trends Opportunity, and Forecast, Segmented By Vehicle Type (SUV, Sedan, Hatchback, MUV), By Sales Channel (OEM, Replacement), By Product Type (Disc Brakes, Drum Brakes), By Region, Competition, 2018-2028

Product link: <https://marketpublishers.com/r/P832A5CF6A97EN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/P832A5CF6A97EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970