

Automotive Active Purge Pump Market – Global Industry Size, Share, Trends Opportunity, and Forecast 2018-2028 Segmented By Components (DC Motor, Sensors, Actuator, Valves), By Material Type (Passenger Vehicle, Commercial Vehicle), By Demand Category (OEMs, Aftermarket), By Region, Competition

<https://marketpublishers.com/r/A1E834621D69EN.html>

Date: October 2023

Pages: 188

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

ID: A1E834621D69EN

Abstracts

The Global Automotive Active Purge Pump Market size reached USD 2.8 billion in 2022 and is expected grow with a CAGR of 6.2% in the forecast period.

The global automotive active purge pump market is experiencing a transformational shift due to various factors. The primary driver of this market's growth is the increasing stringency of emissions regulations worldwide. Governments and regulatory bodies are imposing strict limits on vehicle emissions to combat air pollution and mitigate the impact of climate change. Active purge pumps have become integral components in achieving compliance with these regulations. Active purge pumps play a pivotal role in managing evaporative emissions from a vehicle's fuel system. They prevent the release of harmful hydrocarbons into the atmosphere, which can occur due to fuel evaporation. As a result, automakers are increasingly adopting these pumps to reduce the carbon footprint of their vehicles. This emphasis on emissions reduction is not only driven by regulatory pressure but also by consumer demand for more environmentally friendly vehicles.

Furthermore, the shift towards electric and hybrid vehicles is influencing the demand for active purge pumps. While these vehicles are known for their low or zero tailpipe emissions, they still require efficient management of evaporative emissions from their

fuel systems. Automakers are integrating advanced active purge pump systems into electric and hybrid vehicles to ensure they meet emission standards, demonstrating the adaptability and versatility of these components across various vehicle types.

Technological advancements have also been a significant driver in the automotive active purge pump market. Manufacturers are increasingly incorporating smart sensors and control systems into these pumps. These innovations enable real-time monitoring and optimization of the purge process, ensuring it is more energy-efficient and effective. Improved energy efficiency not only aligns with environmental sustainability goals but also contributes to enhanced fuel economy, which is a key selling point for many vehicle models.

From a regional perspective, the Asia-Pacific region stands out as a prominent player in this market. The region's rapid industrialization and urbanization have led to substantial growth in the automotive sector, particularly in countries like China and India. The surge in vehicle production and the stringent emission standards imposed by governments in these countries have driven the demand for active purge pump systems.

North America and Europe also play crucial roles in the automotive active purge pump market. These regions have well-established automotive industries with a strong emphasis on compliance with emissions regulations. Automakers in North America and Europe are continually investing in research and development to integrate advanced purge pump technology into their vehicles.

In conclusion, the global automotive active purge pump market is experiencing robust growth due to the convergence of factors such as emissions regulations, the shift towards electric and hybrid vehicles, technological advancements, and regional automotive industry dynamics. As the automotive sector continues to prioritize environmental sustainability and regulatory compliance, the market for automotive active purge pumps is expected to expand further, offering opportunities for innovation and growth in the coming years..

Key Market Drivers

Emissions Reduction Regulations

Governments worldwide are enacting increasingly strict emissions standards to combat air pollution and mitigate climate change. Active purge pumps are crucial in reducing evaporative emissions, making them essential components for automakers to comply

with these regulations. This driver pushes automakers to adopt these systems to meet emission targets.

Environmental Sustainability

As global environmental concerns intensify, there is a growing demand for eco-friendly transportation solutions. Active purge pumps aid in minimizing the release of harmful vapor emissions, contributing to a reduction in the automotive industry's overall environmental impact. Consumers and regulators alike are placing greater emphasis on sustainability, propelling the adoption of active purge pumps.

Electric and Hybrid Vehicle Adoption

The increasing popularity of electric and hybrid vehicles has expanded the use of active purge pumps. While these vehicles produce minimal or zero tailpipe emissions, they still require efficient management of evaporative emissions from their fuel systems. Automakers integrate advanced active purge pump systems into these vehicles to ensure compliance with emission standards, showcasing the adaptability of these components across a range of vehicle types.

Technological Advancements

The integration of smart sensors and control systems within active purge pumps represents a significant technological advancement. These innovations enable real-time monitoring and optimization of the purge process, resulting in improved energy efficiency. This aligns with environmental sustainability objectives and enhances overall fuel economy, appealing to both automakers and consumers.

Asia-Pacific Growth

The Asia-Pacific region has witnessed substantial growth in the automotive industry, particularly in countries such as China and India. The rapid industrialization, urbanization, and increased vehicle production in this region have driven the demand for active purge pump systems. Additionally, stringent emission standards imposed by governments further boost the adoption of these systems.

North American and European Markets

North America and Europe have well-established automotive industries with a strong

focus on emissions compliance. Automakers in these regions invest heavily in research and development to integrate advanced purge pump technology into their vehicles. The demand is driven by a combination of regulatory compliance and the desire to maintain a competitive edge in the global automotive market.

Fuel Efficiency

Active purge pumps not only reduce emissions but also enhance fuel efficiency by preventing fuel vapor loss. Improved fuel economy is a key selling point for automakers, especially in regions where consumers are price-sensitive or where fuel costs are high. This driver encourages the widespread adoption of active purge pump systems.

Global Urbanization Trends

As the world's population increasingly moves to urban areas, air quality becomes a major concern. Urban centers often struggle with air pollution, making emissions reduction a priority. Active purge pumps contribute to mitigating this issue by reducing harmful vapor emissions from vehicles, aligning with urban sustainability goals and prompting their adoption in metropolitan areas.

The global Automotive Active Purge Pump market is driven by a complex interplay of regulatory mandates, environmental consciousness, technological innovation, regional growth patterns, and consumer demands for efficiency and sustainability. These drivers collectively shape the trajectory of the market, with a promising outlook for continued expansion and innovation in the years to come.

Key Market Challenges

Evolving Emissions Standards

Governments worldwide are continuously tightening emissions regulations to combat air pollution and reduce greenhouse gas emissions. For automakers, this means keeping pace with evolving standards, which can be technically demanding and costly. Developing active purge pump systems that consistently meet these changing requirements is a persistent challenge.

High Development Costs

The development of advanced active purge pump systems, especially those with

integrated smart sensors and control technology, can be expensive. Research, design, and testing require substantial investment. Manufacturers must strike a balance between these development costs and the benefits the technology brings in emissions reduction and fuel efficiency.

Market Fragmentation

The active purge pump market is characterized by numerous suppliers and various technologies. This fragmentation can create challenges for automakers in terms of selecting the right supplier, ensuring compatibility with their vehicles, and achieving economies of scale.

Integration Complexity

Integrating active purge pump systems into vehicles, especially in the case of electric and hybrid models, can be complex. These systems must work seamlessly with other vehicle components and technologies, adding complexity to the manufacturing process.

Cost-Benefit Analysis

Manufacturers must conduct a thorough cost-benefit analysis to justify the inclusion of active purge pump systems in their vehicles. While these systems offer emissions reduction and fuel efficiency benefits, automakers must weigh these advantages against the added manufacturing and component costs.

Consumer Awareness

Many consumers are still not fully aware of the role of active purge pumps in emissions reduction and fuel efficiency. This lack of awareness can make it challenging for automakers to market these systems as valuable features, even though they contribute significantly to environmental sustainability.

Maintenance and Reliability

Active purge pump systems, like any automotive component, must be reliable and durable. Ensuring that these systems function correctly throughout a vehicle's lifespan is essential, as maintenance or repair can be costly and inconvenient for consumers.

Global Supply Chain Disruptions

The automotive industry, like many others, faces supply chain challenges due to factors like geopolitical tensions, natural disasters, and the COVID-19 pandemic. Disruptions in the supply chain can impact the availability of active purge pump components and lead to production delays.

The global Automotive Active Purge Pump market confronts a range of challenges, from navigating evolving emissions regulations and managing high development costs to addressing consumer awareness and ensuring system reliability. Overcoming these challenges will be crucial for the continued growth and success of active purge pump technology in the automotive industry.

Key Market Trends

Rising Emphasis on Emission Reduction

Environmental concerns and stricter emission regulations have driven automakers to prioritize emission reduction technologies. Active Purge Pumps are vital components in the Evaporative Emission Control System (EVAP) and On-Board Diagnostics (OBD) systems. They enable the capture and storage of fuel vapors from the fuel tank, preventing them from being released into the atmosphere. As emissions standards become more stringent globally, active purge pump adoption continues to grow.

Electrification and Hybridization

The increasing popularity of electric and hybrid vehicles has ushered in a new era in the automotive industry. These vehicles have unique challenges, including managing battery off-gassing and thermal management. Active Purge Pumps are employed to control and divert potentially hazardous fumes from the battery pack, ensuring safety and preventing contamination of the cabin air.

Improved Fuel Efficiency

Active Purge Pumps are essential for enhancing the fuel efficiency of traditional internal combustion engine (ICE) vehicles. They help maintain the optimal air-to-fuel ratio within the engine by managing fuel vapor emissions, reducing fuel wastage, and minimizing evaporative losses from the fuel system. This results in improved mileage and reduced operational costs for consumers.

Integration of Smart Sensors

The incorporation of advanced sensor technologies has become a significant trend in the Automotive Active Purge Pump market. Smart sensors are integrated into active purge pump systems to monitor various parameters such as pressure, temperature, and flow rates. These sensors enable real-time feedback and adjustment, optimizing the performance of the purge pump and ensuring efficient vapor management.

Adoption of Lightweight Materials

Automakers are constantly seeking ways to reduce vehicle weight to improve fuel efficiency and performance. Lightweight materials such as high-strength plastics and composites are being used in the construction of active purge pump components. This not only reduces the overall weight of the vehicle but also enhances the durability and corrosion resistance of these components.

Global Expansion of EVAP Systems

The global expansion of Evaporative Emission Control Systems (EVAP) is driving the demand for active purge pumps. Emerging markets are increasingly adopting emissions control standards similar to those in developed countries. Consequently, active purge pump manufacturers are expanding their reach to cater to the growing demand for EVAP solutions worldwide.

Enhanced Diagnostics and Telematics Integration

Active purge pump systems are becoming more sophisticated in terms of diagnostics and connectivity. Telematics integration allows vehicle manufacturers and service providers to remotely monitor the performance of these systems, enabling proactive maintenance and reducing downtime for consumers. Advanced diagnostics help pinpoint issues promptly, contributing to better reliability and customer satisfaction.

Regulatory Compliance and Certification

With ever-evolving emission regulations, automotive active purge pump manufacturers are focused on obtaining the necessary certifications and ensuring compliance with regional and global emission standards. This trend emphasizes the importance of continuous research and development to meet the evolving requirements and stay competitive in the market.

The Automotive Active Purge Pump market is evolving rapidly in response to environmental concerns, electrification, and the pursuit of improved fuel efficiency. The integration of advanced technologies, lightweight materials, and global expansion are key drivers in shaping this market's future.

Segmental Insights

The Automotive Active Purge Pump market can be segmented by Material Type into passenger vehicles, commercial vehicles, and electric vehicles (EVs). Passenger vehicles hold the largest share, primarily due to their sheer numbers on the road and the growing demand for emission control systems in this segment. Commercial vehicles are also adopting active purge pump technology, particularly as stricter emission regulations affect this sector. EVs, although a smaller segment, are showing rapid growth as these vehicles require specialized purge pump systems to manage battery emissions.

This segmentation categorizes active purge pumps into electric and mechanical types. Electric active purge pumps are gaining traction due to their energy efficiency and controllability. They are often used in hybrid and electric vehicles to precisely manage vapor emissions. Mechanical purge pumps, on the other hand, are still widely used in traditional internal combustion engine (ICE) vehicles. However, the shift toward electric powertrains is gradually reducing the share of mechanical pumps. Sales channels in the Automotive Active Purge Pump market include original equipment manufacturers (OEMs) and aftermarket. OEMs dominate this market, as active purge pumps are integrated into vehicles during production to ensure compliance with emission standards. The aftermarket segment is growing steadily as vehicles age and require replacement parts or upgrades to meet evolving emission regulations.

Geographically, the market can be divided into North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa. North America and Europe have stringent emission standards, leading to higher adoption of active purge pumps. The Asia-Pacific region, with its vast automotive production, is witnessing significant growth due to increasing vehicle sales and the implementation of emission regulations. Latin America and the Middle East & Africa are emerging markets where the adoption of emission control technologies, including active purge pumps, is gradually increasing.

Active purge pumps find application in various areas within vehicles, including the fuel tank, battery compartment (in EVs), and powertrain. The fuel tank application remains

the most common, where these pumps manage fuel vapor emissions. In electric vehicles, active purge pumps are crucial for battery thermal management, ensuring safety and efficiency. Additionally, some advanced powertrain systems incorporate active purge pumps for emission control directly at the engine. Active purge pump technologies are evolving to meet the demands of modern vehicles. Conventional systems utilize vacuum and pressure-based technology. However, advancements like microcontroller-based control systems, smart sensors, and lightweight materials are driving the development of more efficient and environmentally friendly technologies. These innovations are expected to shape the future of active purge pump segments. Apart from the automotive sector, active purge pumps also serve other industries such as marine, industrial, and off-road vehicles. In the marine sector, these pumps help control emissions from boat engines, ensuring compliance with environmental regulations. In the industrial and off-road vehicle segments, active purge pumps are employed to reduce emissions and enhance operational efficiency. These segmental insights provide a comprehensive view of the diverse factors influencing the global Automotive Active Purge Pump market. Understanding these segments is crucial for businesses and stakeholders to make informed decisions and capitalize on emerging opportunities in the market.

Regional Insights

North America is a significant market for Automotive Active Purge Pumps, driven primarily by stringent emission regulations in the United States and Canada. The region has a well-established automotive industry that places a strong emphasis on emission control technologies. OEMs in North America are increasingly integrating active purge pump systems into their vehicles to meet these strict standards. Moreover, the region's growing electric vehicle market is further boosting the demand for active purge pumps for battery thermal management. Continuous innovation and collaborations with technology providers make North America a dynamic hub for active purge pump development.

Europe is another prominent region in the global Automotive Active Purge Pump market, known for its robust emission standards and environmental policies. The European Union (EU) has some of the strictest regulations globally, driving the adoption of advanced emission control technologies, including active purge pumps. The shift toward electric vehicles in Europe has also led to a growing demand for these pumps in managing battery emissions. European manufacturers are at the forefront of developing innovative active purge pump solutions, making the region a center for technological advancements in this sector.

The Asia-Pacific region is a major growth driver for the Automotive Active Purge Pump market, owing to its massive automotive production and sales volume. Countries like China, Japan, South Korea, and India have witnessed a surge in vehicle ownership, which has prompted increased adoption of emission control systems. Additionally, the tightening of emission standards in the region has accelerated the incorporation of active purge pumps in both passenger and commercial vehicles. The emergence of electric vehicles and hybrid technologies in Asia-Pacific has further boosted the demand for these pumps, making it a pivotal market for future expansion. Latin America is an emerging market for Automotive Active Purge Pumps. While not as regulated as North America or Europe, the region is gradually implementing stricter emission standards. This transition is leading to a growing awareness of emission control technologies among consumers and manufacturers alike. As a result, active purge pumps are gaining traction in the Latin American automotive market, particularly in countries like Brazil and Mexico, where the automotive industry is thriving. The aftermarket segment is also witnessing steady growth as older vehicles require retrofits to meet evolving standards.

The Middle East and Africa region are slowly embracing emission control technologies, including active purge pumps. While not as significant as other regions in terms of market size, there is a growing interest in reducing vehicle emissions due to environmental concerns and regulatory pressures. In the Middle East, active purge pumps are used in various industries, including automotive, to manage emissions from off-road and industrial vehicles. As environmental awareness increases, the demand for emission control solutions in this region is expected to grow steadily. The regional insights reveal that the adoption of Automotive Active Purge Pumps is driven by a combination of factors, including regulatory requirements, the prevalence of advanced vehicle technologies, and the maturity of the automotive industry. These regional variations present both challenges and opportunities for manufacturers and suppliers in the global market.

Key Market Players

Robert Bosch GmbH

Continental AG

Denso Corporation

Delphi Technologies

Johnson Matthey

Cummins Inc.

BorgWarner Inc.

Aisan Industry Co. Ltd.

Rheinmetall Automotive AG

Marelli Corporation.

Report Scope:

In this report, the Global Automotive Active Purge Pump Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Automotive Active Purge Pump Market, By Components:

DC Motor

Sensors

Actuator

Valves

Automotive Active Purge Pump Market, By Vehicle Type:

Passenger Vehicle

Commercial Vehicle

Automotive Active Purge Pump Market, By Demand Category:

OEM

Replacement

Automotive Active Purge Pump 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 Automotive Active Purge Pump Market.

Available Customizations:

Global Automotive Active Purge Pump 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 AUTOMOTIVE ACTIVE PURGE PUMP MARKET

5. GLOBAL AUTOMOTIVE ACTIVE PURGE PUMP MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Volume & Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Components Market Share Analysis (DC Motor, Sensors, Actuator, Valves)
 - 5.2.2. By Material Type Market Share Analysis (Passenger Vehicle, Commercial Vehicle)
 - 5.2.3. By Demand Category Market Share Analysis (OEM, Replacement)

- 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 Automotive Active Purge Pump Market Mapping & Opportunity Assessment
 - 5.3.1. By Components Market Mapping & Opportunity Assessment
 - 5.3.2. By Material Type Market Mapping & Opportunity Assessment
 - 5.3.3. By Demand Category Market Mapping & Opportunity Assessment
 - 5.3.4. By Regional Market Mapping & Opportunity Assessment

6. ASIA-PACIFIC AUTOMOTIVE ACTIVE PURGE PUMP MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Volume & Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Components Market Share Analysis
 - 6.2.2. By Material Type Market Share Analysis
 - 6.2.3. By Demand Category 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 Automotive Active Purge Pump 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 Components Market Share Analysis
 - 6.3.1.2.2. By Material Type Market Share Analysis
 - 6.3.1.2.3. By Demand Category Market Share Analysis

- 6.3.2. India Automotive Active Purge Pump 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 Components Market Share Analysis
 - 6.3.2.2.2. By Material Type Market Share Analysis
 - 6.3.2.2.3. By Demand Category Market Share Analysis
- 6.3.3. Japan Automotive Active Purge Pump 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 Components Market Share Analysis
 - 6.3.3.2.2. By Material Type Market Share Analysis
 - 6.3.3.2.3. By Demand Category Market Share Analysis
- 6.3.4. Indonesia Automotive Active Purge Pump 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 Components Market Share Analysis
 - 6.3.4.2.2. By Material Type Market Share Analysis
 - 6.3.4.2.3. By Demand Category Market Share Analysis
- 6.3.5. Thailand Automotive Active Purge Pump 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 Components Market Share Analysis
 - 6.3.5.2.2. By Material Type Market Share Analysis
 - 6.3.5.2.3. By Demand Category Market Share Analysis
- 6.3.6. South Korea Automotive Active Purge Pump 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 Components Market Share Analysis
 - 6.3.6.2.2. By Material Type Market Share Analysis
 - 6.3.6.2.3. By Demand Category Market Share Analysis
- 6.3.7. Australia Automotive Active Purge Pump 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 Components Market Share Analysis
- 6.3.7.2.2. By Material Type Market Share Analysis
- 6.3.7.2.3. By Demand Category Market Share Analysis

7. EUROPE & CIS AUTOMOTIVE ACTIVE PURGE PUMP MARKET OUTLOOK

7.1. Market Size & Forecast

- 7.1.1. By Volume & Value

7.2. Market Share & Forecast

- 7.2.1. By Components Market Share Analysis
- 7.2.2. By Material Type Market Share Analysis
- 7.2.3. By Demand Category 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 Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.1.2.2. By Material Type Market Share Analysis
 - 7.3.1.2.3. By Demand Category Market Share Analysis

7.3.2. Spain Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.2.2.2. By Material Type Market Share Analysis
 - 7.3.2.2.3. By Demand Category Market Share Analysis

7.3.3. France Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.3.2.2. By Material Type Market Share Analysis
 - 7.3.3.2.3. By Demand Category Market Share Analysis
- 7.3.4. Russia Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.4.2.2. By Material Type Market Share Analysis
 - 7.3.4.2.3. By Demand Category Market Share Analysis
- 7.3.5. Italy Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.5.2.2. By Material Type Market Share Analysis
 - 7.3.5.2.3. By Demand Category Market Share Analysis
- 7.3.6. United Kingdom Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.6.2.2. By Material Type Market Share Analysis
 - 7.3.6.2.3. By Demand Category Market Share Analysis
- 7.3.7. Belgium Automotive Active Purge Pump 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 Components Market Share Analysis
 - 7.3.7.2.2. By Material Type Market Share Analysis
 - 7.3.7.2.3. By Demand Category Market Share Analysis

8. NORTH AMERICA AUTOMOTIVE ACTIVE PURGE PUMP MARKET OUTLOOK

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

- 8.2.2. By Material Type Market Share Analysis
- 8.2.3. By Demand Category 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 Automotive Active Purge Pump 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 Components Market Share Analysis
 - 8.3.1.2.2. By Material Type Market Share Analysis
 - 8.3.1.2.3. By Demand Category Market Share Analysis
 - 8.3.2. Mexico Automotive Active Purge Pump 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 Components Market Share Analysis
 - 8.3.2.2.2. By Material Type Market Share Analysis
 - 8.3.2.2.3. By Demand Category Market Share Analysis
 - 8.3.3. Canada Automotive Active Purge Pump 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 Components Market Share Analysis
 - 8.3.3.2.2. By Material Type Market Share Analysis
 - 8.3.3.2.3. By Demand Category Market Share Analysis

9. SOUTH AMERICA AUTOMOTIVE ACTIVE PURGE PUMP MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Volume & Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Components Market Share Analysis
 - 9.2.2. By Material Type Market Share Analysis
 - 9.2.3. By Demand Category 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 Automotive Active Purge Pump 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 Components Market Share Analysis
 - 9.3.1.2.2. By Material Type Market Share Analysis
 - 9.3.1.2.3. By Demand Category Market Share Analysis
 - 9.3.2. Colombia Automotive Active Purge Pump 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 Components Market Share Analysis
 - 9.3.2.2.2. By Material Type Market Share Analysis
 - 9.3.2.2.3. By Demand Category Market Share Analysis
 - 9.3.3. Argentina Automotive Active Purge Pump 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 Components Market Share Analysis
 - 9.3.3.2.2. By Material Type Market Share Analysis
 - 9.3.3.2.3. By Demand Category Market Share Analysis

10. MIDDLE EAST & AFRICA AUTOMOTIVE ACTIVE PURGE PUMP MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Volume & Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Components Market Share Analysis
 - 10.2.2. By Material Type Market Share Analysis
 - 10.2.3. By Demand Category 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 Automotive Active Purge Pump 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 Components Market Share Analysis
 - 10.3.1.2.2. By Material Type Market Share Analysis
 - 10.3.1.2.3. By Demand Category Market Share Analysis
 - 10.3.2. Iran Automotive Active Purge Pump 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 Components Market Share Analysis
 - 10.3.2.2.2. By Material Type Market Share Analysis
 - 10.3.2.2.3. By Demand Category Market Share Analysis
 - 10.3.3. Saudi Arabia Automotive Active Purge Pump 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 Components Market Share Analysis
 - 10.3.3.2.2. By Material Type Market Share Analysis
 - 10.3.3.2.3. By Demand Category Market Share Analysis
 - 10.3.4. UAE Automotive Active Purge Pump 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 Components Market Share Analysis
 - 10.3.4.2.2. By Material Type Market Share Analysis
 - 10.3.4.2.3. By Demand Category 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. Robert Bosch GmbH

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. Continental AG

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. Denso Corporation

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. Delphi Technologies

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. Johnson Matthey

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. Cummins Inc
 - 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. BorgWarner Inc
 - 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. Aisan Industry Co. Ltd.
 - 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. Rheinmetall Automotive AG
 - 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. Marelli Corporation
 - 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 Components
 - 15.1.3. Target Material Type

16. ABOUT US & DISCLAIMER

I would like to order

Product name: Automotive Active Purge Pump Market – Global Industry Size, Share, Trends Opportunity, and Forecast 2018-2028 Segmented By Components (DC Motor, Sensors, Actuator, Valves), By Material Type (Passenger Vehicle, Commercial Vehicle), By Demand Category (OEMs, Aftermarket), By Region, Competition

Product link: <https://marketpublishers.com/r/A1E834621D69EN.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/A1E834621D69EN.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