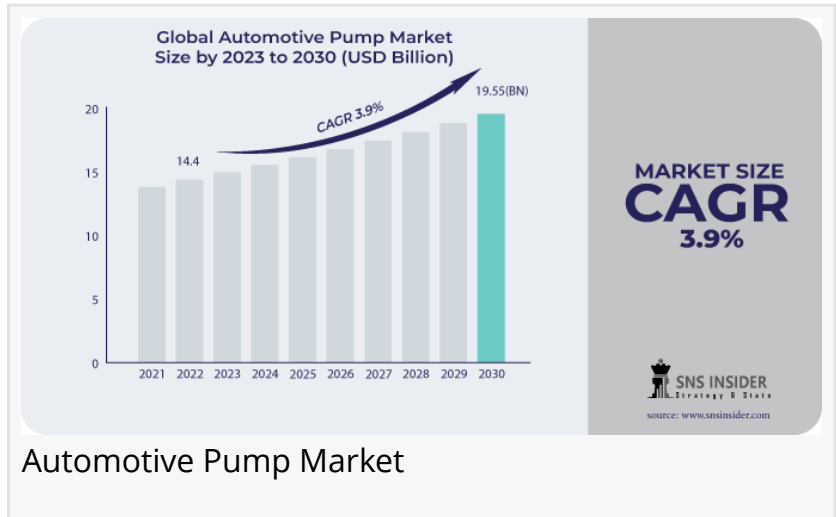


Automotive Pump Market Value to Grow by USD 19.55 Billion | High Growth Opportunities in APAC Region

Automotive Pump Market Size, Share & Segmentation By Type, By Electric Vehicle Type, By Vehicle Type, By Sales Channel, By Region And Global Forecast 2023-2030

AUSTIN, TEXAS, UNITED STATES, January 19, 2024 /EINPresswire.com/ -- The size [Automotive Pump Market](#) was valued at USD 14.4 billion in 2022 and is expected to reach at USD 19.55 billion by 2030, and grow at a CAGR of 3.9% over the forecast period of 2023-2030. the Automotive Pump Market is expansive and dynamic, reflecting the intricate web of technological advancements, regulatory shifts, and consumer preferences within the automotive industry.



As the global push toward sustainable transportation gains momentum, the market witnesses a surge in demand for efficient and eco-friendly pump solutions, particularly in electric and hybrid vehicles. Pump technologies, such as electric fuel pumps and water pumps, across various automotive segments.

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Automotive pump market size is projected to reach USD 19.55 billion by 2030, growing at a CAGR of 3.9%, Driven by the increase in the production of the automotive industry post covid.”

Sr. Researcher Roshan Rathod

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Key Companies:

• Denoising Corporation

- Continental Ag
- Robert Bosch GmbH
- Johnson Electric

- Magna International
- Rheinmetall AG
- SHW AG
- ZF Group

Market Scope:

The increasing complexity of modern vehicles, with sophisticated powertrain systems and electronic components, further amplifies the demand for reliable and high-performance automotive pumps. Moreover, the rise of autonomous driving and connected vehicles adds another layer to the market scope, with pumps playing a crucial role in supporting the functionality of advanced driver assistance systems (ADAS) and in-vehicle connectivity. As the automotive industry continues to evolve, the market scope of Automotive Pumps extends beyond traditional parameters, embracing innovation, sustainability, and the seamless integration of cutting-edge technologies.

Industry Analysis:

The automotive pump market is currently navigating a transformative landscape characterized by technological advancements and shifting consumer preferences. With the increasing emphasis on sustainability and stringent emission regulations, there is a notable surge in the demand for electric vehicles (EVs). This paradigm shift poses both challenges and opportunities for the automotive pump industry, as traditional internal combustion engines give way to electric powertrains.

Segment Analysis:

As vehicles evolve with advancements in technology and environmental considerations, fuel pumps play a crucial role in optimizing fuel efficiency and emission control. The segment analysis reveals a nuanced understanding of the market dynamics, highlighting the integration of smart pump technologies, electronic control systems, and innovative materials for enhanced durability. Moreover, the rise of electric vehicles introduces a paradigm shift, steering the fuel pump segment towards novel challenges and opportunities, such as the development of advanced electric fuel pumps. This analysis serves as a compass for industry stakeholders, guiding them through the intricate currents of the Automotive Pump Market's fuel pump segment, where adaptability and innovation are the driving forces of sustained success.

By Type

- Fuel Pump
- Fuel Injection Pump
- Water Pump
- Windshield Pump

- Steering Pump
- Vacuum Pump
- Headlight washer pump

By Electric vehicles type

- BEV
- FCEV
- HEV
- PHEV

By Vehicle type

- Passenger Car
- Light commercial vehicles
- Heavy commercial vehicles

By Sales channel

- OEM
- Aftermarket

Regional Analysis:

The Asia-Pacific (APAC) region stands as a dynamic and transformative landscape in the Automotive Pump Market, orchestrating a symphony of technological advancements and market dynamics. Embracing a diverse range of economies, cultures, and automotive preferences, APAC showcases a unique amalgamation of innovation and tradition. With burgeoning urbanization and a rising middle class, the demand for automobiles has surged, propelling the Automotive Pump Market into a pivotal position. China, India, and Japan emerge as key players, each contributing their distinctive flavors to the market's narrative. China, the automotive juggernaut, spearheads electric vehicle adoption, steering the market towards sustainable mobility solutions.

Automotive Pump Market Trends:

Automotive pump market has been experiencing significant trends driven by the ongoing evolution of vehicle technologies. One prominent trend is the increasing demand for electric pumps in vehicles, particularly in the context of electric and hybrid vehicles. Electric pumps, including electric coolant pumps and electric oil pumps, are becoming more prevalent as automakers focus on enhancing energy efficiency, reducing emissions, and optimizing the performance of electric powertrains. The shift towards electrification in the automotive industry has accelerated the adoption of electric pumps, which offer more precise control, improved

energy management, and contribute to overall vehicle efficiency.

Another notable trend is the growing emphasis on lightweight and compact pump designs. As automakers strive to make vehicles more fuel-efficient and environmentally friendly, there is a heightened focus on reducing the weight and size of automotive components, including pumps. Lightweight materials and advanced engineering are being employed to develop compact and efficient pump systems that not only save space but also contribute to improved fuel economy. Additionally, the incorporation of smart technologies, such as variable-speed pumps and electronic control units, is gaining traction to further optimize pump performance based on real-time vehicle requirements.

Key Takeaways:

- The rise of smart and connected vehicles is driving innovation in pump technologies, with a focus on efficiency, reduced energy consumption, and real-time data analytics. The competitive landscape is evolving as well, with established players and new entrants alike striving to carve their niche in this dynamic market.
- As the industry grapples with the complexities of the global supply chain and geopolitical factors, strategic collaborations, and partnerships are becoming increasingly vital. In essence, the automotive pump market is not only responding to the demands of contemporary mobility but is also actively shaping the future of the automotive industry as a whole.

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Recent Industry Development:

Companies such as Bosch and Continental have unveiled cutting-edge electric pumps designed to enhance the efficiency of electric powertrains, contributing to reduced emissions and improved overall performance.

Advancements in smart pump technologies by Denso and Delphi Technologies are reshaping the driving experience by optimizing fuel consumption and fluid management systems.

Collaborations between major players and emerging startups have fostered a climate of collaborative innovation, pushing the boundaries of automotive pump capabilities.

These recent developments underscore a collective commitment towards sustainable mobility solutions and technological excellence in the automotive industry.

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