

Automotive Electric Fuel Pumps Market Report by Motor Type (Brushed DC Motor, Brushless DC Motor), Technology (Turbine Style, Sliding Vane, Roller Vane), Pump Type (Low Pressure Electric Fuel Pump, Inline Electric Fuel Pump, and Others), Application (Passenger Cars, LCVs, HCVs), and Region 2024-2032

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Abstracts

The global automotive electric fuel pumps market size reached US\$ 12.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 18.3 Billion by 2032, exhibiting a growth rate (CAGR) of 4.4% during 2024-2032.

An automotive electric fuel pump refers to the device that is used to pump gasoline or fuel from the gas tank to the injectors in the engine. The pump generates positive electrical pressure in the fuel lines that drive the fuel to the internal combustion engine. It is usually installed in passenger cars, along with light and heavy commercial vehicles, and is configured to send signals to the engine regarding the required quantity of fuel in the tank. In comparison to the traditionally used mechanical pumps, it offers longer service life, minimal noise generation, improved fuel supply and higher interference suppression.

Significant growth in the automotive industry, along with the rising demand for passenger vehicles, is one of the key factors driving the market growth. There is a widespread product adoption across the globe as these pumps can deliver an adequate amount of fuel and maintain optimal pressure between the carburetor and pump while preventing overheating and vapor lock in the engine. Furthermore, the integration of multi-port fuel injection system in modern automobiles is also providing a boost to the

market growth. This system aids in improving the power output, enhancing vehicle performance and fuel-efficiency and maintaining the precise flow of the fuel. Various product innovations, such as the development of lightweight and cost-effective product variants, have also resulted in the growing product demand across the globe. Other factors, including the increasing demand for high-speed fuel injectors in sports and luxury cars, along with rising expenditure capacities of the consumers, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive electric fuel pumps market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on motor type, technology, pump type and application.

Breakup by Motor Type:

- Brushed DC Motor
- Brushless DC Motor

Breakup by Technology:

- Turbine Style
- Sliding Vane
- Roller Vane

Breakup by Pump Type:

- Low Pressure Electric Fuel Pump
- Inline Electric Fuel Pump
- Others

Breakup by Application

- Passenger Cars
- LCVs
- HCVs

Breakup by Region:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being ACDelco, Aisan Industry Co., Ltd., Continental AG, Daewha Fuel Pump Ind., Ltd, Delphi Automotive PLC, Denso Corporation, Federal-Mogul Corporation, General Motors Company, Pricol Limited, Robert Bosch, Visteon Corporation, etc.

Key Questions Answered in This Report:

How has the global automotive electric fuel pumps market performed so far and how will it perform in the coming years?

What are the key regional markets in the global automotive electric fuel pumps industry?

What has been the impact of COVID-19 on the global automotive electric fuel pumps industry?

What is the breakup of the market based on the motor type?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the pump type?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global automotive electric fuel pumps market and who are the key players?

What is the degree of competition in the industry?

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