

## **Automotive Fuel Injector - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029**

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### **Report description:**

The Automotive Fuel Injector market is valued at USD 10.22 billion in the current year. It is expected to reach USD 14.60 billion within the next five years, registering a CAGR of about 6% during the forecast period.

Fuel injection systems are predicted to increase at a significant pace due to rising population, improving lifestyles, and the cumulative demand for passenger vehicles. Injection systems are critical components in any vehicle engine because they manage and monitor the amount of fuel entering the engine cylinders. Modern fuel injection systems not only manage the flow of fuel but also provide additional functions such as multiple, pilot, post-injections, and rate shaping (scheduling). These are also expected to significantly contribute to market growth.

Furthermore, over the long term, factors such as an increase in demand for fuel economy, improved engine performance, a rise in implementation of strict emissions rules such as Bharat Stage VI, and an increase in preference for engine downsizing & vehicle weight reduction will positively impact the target market growth during the forecast period.

In Asia-Pacific, countries such as India and China are likely to play a significant role in the growth of the target market in the upcoming days. These areas serve as hubs for some of the top automobile manufacturers and accommodate expanding vehicle production and penetration of new cars. The increasing demand for MHCV in countries such as China, India, and Brazil is creating new opportunities for fuel injection systems.

Automotive Fuel Injector Market Trends

The High Demand of 2-wheelers across the Globe

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The 2-wheeler market includes motorcycles, scooters and mopeds. The rise in traffic congestion and growth in fuel prices contributes to the increasing adoption of 2-wheelers as they provide high fuel efficiency and are easy to navigate through traffic congestion. The other factors such as rapidly growing urbanization with high population density, majorly in developing countries such as India, which is the 2nd largest market for 2-wheelers.

Considering the rising demand for 2-wheelers, the manufacturers are making innovations in fuel injector technology to take out maximum fuel efficiency and contribute to the market growth. For instance, in March 2022, Aprilia developed a fuel-injected 2-stroke concept named as Aprilia Ditech System. It uses a very powerful Siemens ECU to manage the fuel system.

Moreover, the adoption of 2-wheelers is increasing as a growing trend of bike racing as a sport among youth and for commuting long distances. This is because lots of companies are launching motorcycle tourism campaigns to promote tourism and are propelling the demand for 2-wheelers.

In September 2023, Royal Enfield track school program for aspiring bike racers in India as a part of the "Pure Sport" campaign. Thus, the above factors will drive the market growth.

#### Asia-Pacific Region is Anticipated to Play a Significant Role in the Market

The Asia-Pacific market is expanding rapidly, owing to rising vehicle manufacturing in these areas. Rising purchasing power, increased demand for fuel-efficient automobiles, stricter pollution standards, and rising nations economies such as China and India all resulted in increased demand for fuel injection systems.

For example, in April 2023, the Indian Government implemented the BS VI Phase 2 emission norms, which are even stricter than the BS-VI norms, and they will further reduce harmful emissions from vehicles.

Asia-Pacific is expected to be the largest market for automotive fuel injection systems, with the fastest growth rate during the forecast period. Additionally, prominent companies in the region are focusing on R&D activities and improving their existing commercial vehicle lineup, which is projected to supply the market with profitable potential. Such development and technological advancements in the automobile sector will contribute to the growth of the fuel injector market over the forecast period.

For instance, in September 2022, Stanadyne, a leading global fuel and air management systems supplier, unveiled a new hydrogen fuel injector for medium-duty and heavy-duty commercial vehicle powertrains.

Thus, the above factors, coupled with technological advances, will hold a positive impact on the market.

#### Automotive Fuel Injector Industry Overview

The market is dominated by major players, including Robert Bosch LLC, Denso Corporation, Continental AG, Magneti Marelli Parts and Services S.p.A., and Delphi Technologies (BorgWarner Inc.).

Many players are investing in new technologies to gain the upper hand over their competition and focusing on new launches.

- In December 2022, BorgWarner company, delivering innovative and sustainable mobility solutions for the vehicle market, announced to execution of a tax-free spin-off of its Fuel Systems and Aftermarket segments into a separate, publicly traded company.

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Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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