

# Spark Plug Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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## Abstracts

The global spark plug market size reached US\$ 3.8 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 5.1 Billion by 2027, exhibiting a growth rate (CAGR) of 4.93% during 2022-2027.

A spark plug is an electrical device used for producing a spark to ignite the compressed fuel-air mixture in the cylinder bore of the engine. Some commonly available variants include hot and cold spark plugs with copper, platinum, double platinum and iridium electrodes. They consist of a metal-threaded shell, resistance, ribs, hex and insulators. The shell is electrically isolated from the central electrode by a porcelain insulator, which is further connected to the output terminal of an ignition coil or magneto by a heavily insulated wire. As the high-tension current flows through the center electrodes, it ionizes the gas present between the electrode gap and generates a spark.

### Spark Plug Market Trends:

Significant growth in the automotive industry across the globe is one of the key factors creating a positive outlook for the market. Moreover, the widespread adoption of spark plugs for marine, electrical and aerospace applications is providing a thrust to the market growth. Spark plugs are extensively used in petrol-based passenger vehicles, along with gasoline and natural gas powered-generators, recreational boats and jet skis. Platinum and iridium-based cold spark plugs are also widely used in high-performance engines to produce minimal carbon emissions. Additionally, various technological advancements, such as the development of product variants with plasma core and advanced corona ignition system (ACIS), are acting as other growth-inducing factors. These innovative technologies aid in reducing the vibrations, noises and smoke emissions in diesel engines to ensure improved drivability in harsh weather conditions. Other factors, including the implementation of favorable government policies promoting

the use of energy-efficient systems, along with the increasing adoption of miniaturized engines, are anticipated to drive the market toward growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global spark plug market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on material, product type, application and distribution channel.

#### Breakup by Material:

- Copper
- Iridium
- Platinum
- Others

#### Breakup by Product Type:

- Hot Spark Plug
- Cold Spark Plug

#### Breakup by Application:

- Automotive
- Marine
- Aerospace
- Others

#### Breakup by Distribution Channel:

- OEM
- Aftermarket

#### 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 along with the profiles of the key players being Autolite, BorgWarner Inc., DENSO Corporation, E3 Spark Plugs, General Motors, NGK Spark Plug Co. Ltd., Robert Bosch GmbH, Stitt Spark Plug Co., Tenneco Inc. and VALEO.

#### Key Questions Answered in This Report:

How has the global spark plug market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global spark plug market?

What are the key regional markets?

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

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

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

What is the breakup of the market based on the distribution channel?

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 spark plug market and who are the key players?

What is the degree of competition in the industry?

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