

Automotive Ignition System Market By Type (Ignition Coils, Spark Plugs, Glow Plugs, Others), By Vehicle (Passenger Cars, Light Commercial Vehicle, Heavy Commercial Vehicle), By Distribution Channel (OEM, Aftermarket): Global Opportunity Analysis and Industry Forecast, 2023-2032

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Abstracts

The global automotive ignition system market was valued at \$12,841.0 million in 2022, and is projected to reach \$22,865.0 million by 2032, registering a CAGR of 6.33% from 2023 to 2032.

The automotive ignition system includes a circuit responsible for generating sparks or heat within vehicles. It employs three main ignition methods: compression ignition, simultaneous ignition, and coil-on-plug (COP) ignition. Key components include the ignition switch, ignition coil, distributor, high-tension cable, and spark plug. These sparks heat the compressed air-fuel mixture in the combustion chamber, initiating combustion and powering the vehicle. Thus, automotive ignition systems are widely utilized in gasoline engine vehicles, including passenger cars, motorcycles, and both light and heavy commercial vehicles (L/HCVs).

The increase in environmental awareness among consumers in the automotive industry drives for market growth. This demand fuels the need for ignition systems that enhance operational efficiency and fuel economy. In addition, the rise of laser ignition systems contributes to this growth trajectory. Technological advancements, such as the swift electrification of automobiles and the evolution of electronic ignition systems equipped

with sensors, switches, & transistors further boost market expansion. Compared to conventional mechanical systems, these modern iterations deliver enhanced horsepower and more precise & reliable current flow. Moreover, supportive government policies aimed at curbing carbon emissions and growing consumer spending capacities are expected to fuel market momentum.

Moreover, automotive manufacturers have keenly observed customers' evolving preferences and are adapting to these changes in their upcoming vehicle models. Particularly in developing countries, there is a growing inclination toward incorporating luxury comfort features in vehicles. Consequently, the luxury vehicle segment has experienced a significant surge in growth globally. Furthermore, to address concerns about vehicle weight, automotive component manufacturers are actively exploring innovative lightweight materials for future car designs.

Moreover, companies within the automotive ignition system market are strategically positioning themselves to capitalize on technological advancements. For example, in April 2018, BorgWarner introduced plug top technology in their ignition coils with integrated electronics over the past five years. This advancement enhances engine performance, improves fuel economy, and reduces emissions. These factors are driving the market growth.

The global automotive ignition system market was affected by the COVID-19 pandemic, which led to disturbances in the supply chain and production procedures. The dynamics of the market were impacted by fluctuating demand and economic uncertainty. Despite these obstacles, the market quickly rebounded due to the defense industry's increased investment in the purchase of aerial, land, and marine vehicles for its automotive ignition system.

The growing market for electric vehicles is largely driven by favorable government initiatives and an increase in environmental concerns. Growth in the market is anticipated to be fueled by a rise in energy prices and competition among newly developed energy-efficient technologies.

Advancements in technology within the automobile industry have led to notable improvements in fuel economy and reductions in carbon emissions. Increased government regulations on fuel consumption and emissions are driving the global demand for ignition systems. Furthermore, the rise in emphasis on R&D in powertrain and ignition systems is anticipated to generate substantial opportunities within the automotive ignition system market.

Growing disposable & per capita income and population growth all have an impact on vehicle sales in emerging economies such as India, China, and Indonesia. Therefore, aforementioned factors are expected to propel the need for automotive ignition during the forecast period.

The automotive ignition system market is segmented by type, vehicle type, distribution channel, and region. By type, the market is divided into ignition coils, spark plugs, glow plugs and others. By vehicle type, the market is fragmented into passenger cars, light commercial vehicles, and heavy commercial vehicles. By distribution channel, it is categorized into OEM and aftermarket.

Region wise, the automotive ignition system market trends are analyzed across North America (U.S., Canada, and Mexico), Europe (UK, Germany, France, Russia, and rest of Europe), Asia-Pacific (China, India, Japan, South Korea, and rest of Asia-Pacific), Latin America (Brazil, Argentina and Rest of Latin America) and Middle East and Africa (Saudi Arabia, UAE, Israel, Africa and Rest of Middle East and Africa).

Competitive analysis and profiles of the major global automotive ignition system market players that have been provided in the report include Magneti Marelli Parts & Services, BorgWarner, Robert Bosch GmbH, Denso Corporation, Diamond Electric, Hella Inc., Hitachi Ltd, Mitsubishi Electric, Ford Motors, and Valeo Service. The key strategies adopted by the major players of the global market are product launch, mergers, and acquisitions.

Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the automotive ignition system market analysis from 2022 to 2032 to identify the prevailing automotive ignition system market opportunities.

The market research is offered along with information related to key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the automotive ignition system market segmentation assists t%li%determine the prevailing market opportunities.

Major countries in each region are mapped according t%li%their revenue contribution t%li%the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes the analysis of the regional as well as global automotive ignition system market trends, key players, market segments, application areas, and market growth strategies.

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Investment Opportunities

Product Benchmarking / Product specification and applications

New Product Development/ Product Matrix of Key Players

Additional company profiles with specific client's interest

Additional country or region analysis- market size and forecast

Historic market data

SWOT Analysis

Key Market Segments

By Distribution Channel

OEM

Aftermarket

By Type

Ignition Coils

Spark Plugs

Glow Plugs

Others

By Vehicle

Passenger Cars

Light Commercial Vehicle

Heavy Commercial Vehicle

By Region

North America

U.S.

Canada

Mexico

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

Europe

UK

Germany

France

Russia

Rest of Europe

Latin America

Brazil

Argentina

Rest of Latin America

Middle East and Africa

Saudi Arabia

UAE

Israel

Africa

Rest of Middle East And Africa

Key Market Players

BorgWarner

Robert Bosch GmbH

DENSO CORPORATION

HELLA GmbH & Co. KGaA

Hitachi Ltd.

Magneti Marelli Parts & Services

Mitsubishi Electric

VALEO SERVICE

Diamond Electric

Niterra India Pvt. Ltd.

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