

Automotive Ignition Coil Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/AF29D7E04262EN.html>

Date: February 2023

Pages: 145

Price: US\$ 2,499.00 (Single User License)

ID: AF29D7E04262EN

Abstracts

The global automotive ignition coil market size reached US\$ 10.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 13.3 Billion by 2028, exhibiting a growth rate (CAGR) of 4.17% during 2023-2028.

An automotive ignition coil is one of the parts of a vehicle ignition system. It is responsible for producing an electric spark that ignites the air and gasoline mixture in a compression chamber which helps in the vehicle movement. Coil-on plugs, distributor-based, and distributor-less are some common product types. Automotive ignition coils consist of a laminated iron core surrounded by two coils of copper wire and are manufactured with high-quality metal materials that are easy to install, sturdy, durable, and wear and corrosion resistant. As they improve engine efficiency, emissions, and performance, they are widely used in passenger cars, motorcycles, and light and heavy commercial vehicles (L/HCVs).

Automotive Ignition Coil Market Trends:

The growing automotive industry across the globe is creating a positive outlook for the market. Automotive ignition coils are used in vehicles to improve operational efficiency and fuel economy. In line with this, the increasing sales and production of gasoline-powered vehicles due to the rising preference for personal mobility and escalating demand for luxury vehicles is favoring the market growth. Additionally, the increasing utilization of three-dimensional (3D) printing technology to reduce costs and enhance product quality is acting as another growth-inducing factor. Apart from this, the introduction of a pencil ignition coil that offers electrical, mechanical, and thermal isolation between the magnetic core and improves the magnetic field in the automotive engine is providing an impetus to the market growth. Moreover, the growing demand for

compact and miniaturized ignition coils due to engine downsizing is propelling the market growth. Other factors, including the rising expenditure capacities of consumers, the implementation of favorable government policies promoting energy-efficient systems, rising automobile production, and extensive research and development (R&D) activities, are antiquated to drive the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global automotive ignition coil market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, product type, vehicle type and distribution channel.

Breakup by Type:

- Coil-on-Plug
- Distributor-based
- Distributor less
- Others

Breakup by Product Type:

- Can-type Ignition Coil
- Electronic Distributor Coil
- Double Spark Coil
- Pencil Ignition Coil
- Ignition Coil Rail
- Others

Breakup by Vehicle Type:

- Passenger Cars
- Commercial Vehicles
- 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 BorgWarner Inc., DENSO Corporation, Diamond Electric MFG, Eldor Corporation S.p.A., HELLA GmbH & Co. KGaA (Faurecia SE), Hitachi Ltd., Mitsubishi Electric Corporation, NGK Spark Plug Co. Ltd., Robert Bosch GmbH, Standard Motor Products Inc. and Valeo.

Key Questions Answered in This Report

1. What was the size of the global automotive ignition coil market in 2022?
2. What is the expected growth rate of the global automotive ignition coil market during 2023-2028?

3. What are the key factors driving the global automotive ignition coil market?
4. What has been the impact of COVID-19 on the global automotive ignition coil market?
5. What is the breakup of the global automotive ignition coil market based on the type?
6. What is the breakup of the global automotive ignition coil market based on the product type?
7. What is the breakup of the global automotive ignition coil market based on the vehicle type?
8. What is the breakup of the global automotive ignition coil market based on the distribution channel?
9. What are the key regions in the global automotive ignition coil market?
10. Who are the key players/companies in the global automotive ignition coil market?

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