

Global Light Vehicle Ignition Coil Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Light Vehicle Ignition Coil market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

An ignition coil (also called a spark coil) is an induction coil in an automobile's ignition system that transforms the battery's low voltage to the thousands of volts needed to create an electric spark in the spark plugs to ignite the fuel. Some coils have an internal resistor, while others rely on a resistor wire or an external resistor to limit the current flowing into the coil from the car's 12-volt supply. The wire that goes from the ignition coil to the distributor and the high voltage wires that go from the distributor to each of the spark plugs are called spark plug wires or high tension leads. Originally, every ignition coil system required mechanical contact breaker points and a capacitor (condenser). More recent electronic ignition systems use a power transistor to provide pulses to the ignition coil. A modern passenger automobile may use one ignition coil for each engine cylinder (or pair of cylinders), eliminating fault-prone spark plug cables and a distributor to route the high voltage pulses.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major

automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

The Global Info Research report includes an overview of the development of the Light Vehicle Ignition Coil industry chain, the market status of OEM (Single-spark, Multi-spark), Aftermarket (Single-spark, Multi-spark), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Light Vehicle Ignition Coil.

Regionally, the report analyzes the Light Vehicle Ignition Coil markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Light Vehicle Ignition Coil market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Light Vehicle Ignition Coil market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Light Vehicle Ignition Coil industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Single-spark, Multi-spark).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Light Vehicle Ignition Coil market.

Regional Analysis: The report involves examining the Light Vehicle Ignition Coil market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Light Vehicle Ignition Coil market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Light Vehicle Ignition Coil:

Company Analysis: Report covers individual Light Vehicle Ignition Coil manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Light Vehicle Ignition Coil. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (OEM, Aftermarket).

Technology Analysis: Report covers specific technologies relevant to Light Vehicle Ignition Coil. It assesses the current state, advancements, and potential future developments in Light Vehicle Ignition Coil areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Light Vehicle Ignition Coil market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Light Vehicle Ignition Coil market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Single-spark

Multi-spark

Market segment by Application

OEM

Aftermarket

Major players covered

Bosch

Denso

Delphi

Federal-Mogul

BorgWarner

AcDelco

Hitachi

NGK

Wings Auto

Yura

Mitsubishi

SMP

SparkTronic

Marshall Electric

SOGREAT

Zunyi Changzheng

Jiaercheng

KING-AUTO

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Light Vehicle Ignition Coil product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Light Vehicle Ignition Coil, with price, sales, revenue and global market share of Light Vehicle Ignition Coil from 2019 to 2024.

Chapter 3, the Light Vehicle Ignition Coil competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Light Vehicle Ignition Coil breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019

to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Light Vehicle Ignition Coil market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Light Vehicle Ignition Coil.

Chapter 14 and 15, to describe Light Vehicle Ignition Coil sales channel, distributors, customers, research findings and conclusion.

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