

# **Global Automotive Solenoid Market Size study, By Valve Design (2-way valve, 3-way valve, 4-way valve, 5-way valve, By Application (Engine Control and Cooling System, Fuel and Emission Control, Body Control and Interiors, HVAC System, Safety and Security, Others), By Function (Fluid Control, Gas Control, Motion Control), By Vehicle Type (Passenger Vehicles, Light Commercial Vehicle (LCV), Heavy Commercial Vehicle (HCV)), By Electric Vehicle Type (BEV, PHEV, HEV, FCEV), and Regional Forecasts 2020-2027**

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## **Abstracts**

Global Automotive Solenoid Market is valued approximately USD 4.9 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 8.82 % over the forecast period 2020-2027. A solenoid is used as starter solenoid in automobiles. The solenoid on the starter is above the starter motor. It receives a large electrical current from the automotive battery, and from the ignition relay a small electrical current. The small current is the control current in response to which the solenoid sends the electrical current from the battery to the starter motor, leading to movement of the engine. Automotive Solenoid Market is driven by the increase in demand for advanced automation systems, which provides high fuel efficiency and reduces the engine without affecting the overall effectiveness of the engine, the increase in demand to conserve and use electricity in a way that does not affect the fuel efficiency, Engine Downsizing Trend. The market is primarily driven by the production of Passenger Vehicles. For instance: According to Organization of motor vehicle manufacturers, in 2018, the

production of passenger car in 2018 were 70498388 units as compare to 73456531 units in 2017. However, Low global preference for diesel passenger cars is the restrictions affecting this market.

The regional analysis of global Automotive Solenoid Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of Increased demand for electricity to be conserved and used in a way which does not affect fuel efficiency. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as Increased demand for advanced automation systems which provide high fuel efficiency and lower engine efficiency would create lucrative growth prospects for the Automotive Solenoid Market across Asia-Pacific region.

Major market player included in this report are:

Continental AG

Delphi Automotive PLC

Denso Corporation

Robert Bosch GmbH

Schaeffler AG

Nidec Corporation

Stoneridge Inc.

GKN

Johnson Electric Group

Wabco Holdings Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Valve Design:

2-way valve

3-way valve

4-way valve

5-way valve

**By Application:**

Engine Control and Cooling System

Fuel and Emission Control

Body Control and Interiors

HVAC System

Safety and Security

Others

**By Function:**

Fluid Control

Gas Control

Motion Control

**By Vehicle Type:**

Passenger Vehicles

Light Commercial Vehicle (LCV)

Heavy Commercial Vehicle (HCV)

**By Electric Vehicle Type:**

BEV

PHEV

HEV

FCEV

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

**Asia Pacific**

China

India

Japan

Australia

South Korea

RoAPAC

Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018  
Base year – 2019  
Forecast period – 2020 to 2027

Target Audience of the Global Automotive Solenoid Market Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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