

# **Steering Column Control Modules Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Vehicle Type (Passenger Cars, Commercial Vehicles), By Type (Electronic Steering Column Control Modules, Mechanical Steering Column Control Modules), By End-User (OEM, Aftermarket), By Region & Competition, 2020-2030F**

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## **Abstracts**

### **Market Overview**

The Global Steering Column Control Modules Market was valued at USD 6.8 Billion in 2024 and is expected to reach USD 12.7 Billion by 2030 with a CAGR of 11.2% during the forecast period. The steering column control modules market has witnessed substantial growth due to an increase in the adoption of advanced technologies in the automotive industry. Modern vehicles are increasingly integrating electronic systems to enhance driver convenience and safety, leading to a higher demand for steering column control modules. These systems manage various functions, including steering angle adjustments, tilt and telescoping control, and other key mechanisms, improving the overall driving experience. As a result, the market for these modules is expected to expand significantly over the next few years.

### **Market Drivers**

Increased Adoption of Advanced Driver Assistance Systems (ADAS)

The growing integration of ADAS in vehicles has significantly boosted the demand for steering column control modules. These modules are vital for implementing systems like lane departure warning, adaptive cruise control, and automatic steering adjustments, which enhance vehicle safety and driving experience. The rising emphasis on reducing traffic accidents and fatalities is encouraging the adoption of these technologies across both premium and mainstream vehicles. For instance, In 2022, 42,795 people lost their lives in vehicle crashes, with 94% of these incidents attributed to human error. Autonomous vehicles (AVs) have the potential to eliminate or significantly reduce human error, which could lower fatalities by up to 90%, potentially saving \$190 billion annually. The U.S. AV market is projected to exceed \$75 billion by 2030, reflecting a 350% growth from 2023. Furthermore, last-mile AVs for public transportation demonstrated over 33% energy savings compared to private vehicles.

## **Key Market Challenges**

### High Production and Development Costs

The development of sophisticated steering column control modules involves significant costs, both in terms of research and development and manufacturing. The integration of advanced sensors, electronic components, and connectivity features increases production expenses. For some automakers, the high cost of incorporating these technologies can be a barrier, particularly in budget or economy vehicles.

## **Key Market Trends**

### Miniaturization and Weight Reduction

There is a growing trend toward miniaturization and weight reduction in steering column control modules. This is driven by the demand for lighter vehicles that offer better fuel efficiency and performance. Engineers are focusing on reducing the size of control modules without compromising on their functionality, integrating more compact components, and using lightweight materials to meet these requirements.

## **Key Market Players**

Delphi Technologies

DENSO Corporation

ZF Friedrichshafen AG

JTEKT Corporation

Lear Corporation

Autoliv Inc.

Valeo SA

Aisin Seiki Co., Ltd.

Mitsubishi Electric Corporation

### **Report Scope:**

In this report, the Global Steering Column Control Modules Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Steering Column Control Modules Market, By Vehicle Type:

Passenger Car

Commercial Vehicles

Steering Column Control Modules Market, By Type:

Electronic Steering Column Control Modules

Mechanical Steering Column Control Modules

Steering Column Control Modules Market, By End-User:

OEM

Aftermarket

## Steering Column Control Modules Market, By Region:

### North America

United States

Canada

Mexico

### Europe & CIS

Germany

France

U.K.

Spain

Italy

### Asia-Pacific

China

Japan

India

South Korea

### Middle East & Africa

South Africa

Saudi Arabia

UAE

Turkey

South America

Brazil

Argentina

### **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies presents in the Global Steering Column Control Modules Market.

### **Available Customizations:**

Global Steering Column Control Modules Market report with the given market data, TechSci Research offers customizations according to the company's specific needs. The following customization options are available for the report:

### **Company Information**

Detailed analysis and profiling of additional market players (up to five).

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