

Global Automotive Steer-by-wire System Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Automotive Steer-by-wire System market size was valued at US\$ 86 million in 2023. With growing demand in downstream market, the Automotive Steer-by-wire System is forecast to a readjusted size of US\$ 109 million by 2030 with a CAGR of 3.4% during review period.

The research report highlights the growth potential of the global Automotive Steer-by-wire System market. Automotive Steer-by-wire System are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Automotive Steer-by-wire System. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Automotive Steer-by-wire System market.

Vehicle steer-by-wire refers to a system that uses cables and wiring to electronically perform steering operations in a vehicle. In such a setup, there is no longer any mechanical connection between the input component for steering (e.g. the steering wheel) and the vehicle's wheels. Instead, all steering commands are transmitted electrically by a control unit to a motor that then executes the steering movement, thereby causing the wheels to turn in a corresponding manner.

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.

Key Features:

The report on Automotive Steer-by-wire System market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Automotive Steer-by-wire System market. It may include historical data, market segmentation by Type (e.g., Pure Electronic, Backup Mechanical), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Automotive Steer-by-wire System market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Automotive Steer-by-wire System market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Automotive Steer-by-wire System industry. This include advancements in Automotive Steer-by-wire System technology, Automotive Steer-by-wire System new entrants, Automotive Steer-by-wire System new investment, and other innovations that are shaping the future of Automotive Steer-by-wire System.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Automotive Steer-by-wire System

market. It includes factors influencing customer ' purchasing decisions, preferences for Automotive Steer-by-wire System product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Automotive Steer-by-wire System market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Automotive Steer-by-wire System market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Automotive Steer-by-wire System market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Automotive Steer-by-wire System industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Automotive Steer-by-wire System market.

Market Segmentation:

Automotive Steer-by-wire System 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 value.

Segmentation by type

Pure Electronic

Backup Mechanical

Segmentation by application

Passenger Vehicles

Commercial Vehicles

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Bosch

JTEKT

Nexteer Automotive

Nissan

Thyssenkrupp

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