

South Korea Electro-Hydraulic Power Steering Market Report by Component Type (Steering Column, Sensors, Steering Motor, and Others), Vehicle Type (Passenger Cars, Commercial Vehicle), and Region 2026-2034

<https://marketpublishers.com/r/SDFF548A0561EN.html>

Date: July 2026

Pages: 117

Price: US\$ 2,999.00 (Single User License)

ID: SDFF548A0561EN

Abstracts

South Korea electro-hydraulic power steering market size reached USD 578.1 Million in 2025 . Looking forward, IMARC Group expects the market to reach USD 908.4 Million by 2034 , exhibiting a growth rate (CAGR) of 5.15% during 2026-2034 . The increasing demand for fuel-efficient vehicles, a preference for enhanced driving comfort, stringent safety regulations, rapidly expanding automotive industry, increasing technological advancements, robust manufacturing capabilities, rising consumer awareness, and opportunities in the field of electric and hybrid vehicles are propelling the market growth.

Electro-hydraulic power steering (EHPS) is a sophisticated automotive steering system that combines hydraulic and electrical components to assist drivers in steering their vehicles. It operates by utilizing an electric motor to assist the hydraulic steering system, providing variable levels of power assistance depending on driving conditions. It has gained prominence in modern automobiles for its effectiveness in enhancing steering control, comfort, and fuel efficiency. EHPS functions by monitoring the driver's input through the steering wheel and sensors that detect the vehicle's speed and direction. When the driver turns the wheel, the electric motor, controlled by an electronic control unit (ECU), pumps hydraulic fluid into the steering system. This action assists in turning the wheels, making it easier for the driver to maneuver the vehicle, especially at low speeds and during parking maneuvers. The applications of EHPS extend across a wide range of vehicles, from passenger cars to commercial trucks and heavy machinery. Its primary advantage lies in its ability to adapt to different driving situations. At low speeds or when parking, the EHPS provides maximum assistance, reducing the effort required

to turn the steering wheel. Conversely, at higher speeds, it decreases assistance to maintain a stable and controlled steering feel. This dynamic adjustment not only enhances driver comfort but also contributes to fuel efficiency by reducing power consumption compared to traditional hydraulic power steering systems that operate continuously. Currently, EHPS can be categorized into two main types: belt-driven and direct-drive systems.

SOUTH KOREA ELECTRO-HYDRAULIC POWER STEERING MARKET TRENDS:

The South Korea electro-hydraulic power steering market is influenced by several key drivers, such as the increasing demand for fuel-efficient and environmentally friendly vehicles, which is encouraging automakers to adopt advanced steering technologies like electro-hydraulic power steering systems. Moreover, the rising consumer preference for enhanced driving comfort and improved handling has driven the adoption of these systems, as they offer a smoother and more responsive driving experience, which is augmenting the market growth. This is further supported by the stringent government regulations aimed at improving vehicle safety, which have led to the incorporation of advanced steering systems to meet safety standards. Additionally, the growth of the automotive industry in South Korea and the increasing production of passenger cars and commercial vehicles have contributed to the expansion of the market. Apart from this, the continuous advancements in technology, such as the integration of sensors and electronic control units, are enhancing the performance and reliability of these systems, further propelling market growth across the country.

SOUTH KOREA ELECTRO-HYDRAULIC POWER STEERING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on component type and vehicle type.

Component Type Insights:

Steering Column

Sensors

Steering Motor

Others

The report has provided a detailed breakup and analysis of the market based on the component type. This includes steering column, sensors, steering motor, and others.

Vehicle Type Insights:

Passenger Cars

Commercial Vehicle

A detailed breakup and analysis of the market based on the vehicle type have also been provided in the report. This includes passenger cars and commercial vehicle.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape in the market. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major

companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea electro-hydraulic power steering market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the South Korea electro-hydraulic power steering market?

What is the breakup of the South Korea electro-hydraulic power steering market on the basis of component type?

What is the breakup of the South Korea electro-hydraulic power steering market on the basis of vehicle type?

What are the various stages in the value chain of the South Korea electro-hydraulic power steering market?

What are the key driving factors and challenges in the South Korea electro-hydraulic power steering?

What is the structure of the South Korea electro-hydraulic power steering market and who are the key players?

What is the degree of competition in the South Korea electro-hydraulic power steering market?

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