

Global Automotive Electro-Hydraulic Steering Market - Forecasts from 2019 to 2024

<https://marketpublishers.com/r/G98476B794A2EN.html>

Date: December 2019

Pages: 140

Price: US\$ 3,950.00 (Single User License)

ID: G98476B794A2EN

Abstracts

The global automotive electro-hydraulic steering market is expected to grow at a CAGR of 1.81% during the forecast period, reaching a total market size of US\$8.372 billion in 2024 from US\$7.519 in 2018. This growth is attributed to the growing demand for better and more convenient steering systems which make the driving experience safer and efficient.

Power Steering systems are systems which provide assistance in steering to the driver making it easier. Electro-hydraulic power steering system which is abbreviated as EHPS and also known as a hybrid system because they use the same mechanism as the hydraulic power steering system but instead of the power coming from a pump which is driven by the engine, the pump is driven by the electric motor whose speed varies the amount of hydraulic pressure and is controlled by the ECU. The system uses valves to control the flow to the cylinder. The force the driver applies to the steering column is equal to the amount of force exerted by the fluid through the valves on the steered wheels. To measure the torque applied to the wheels a torque sensor is used which is fixed on the steering column. When the steering wheel starts to rotate, in turn, the steering column also rotates thus rotating the torsion bar which then twists according to the torque provided to it, this torque sensor sends the information to the ECU which then according to the steering angles, vehicle speed and steering force controls and operates the electric motor, which provides the hydraulic power thus assisting in steering.

At low speeds, the power supplied by the hydraulic pump is increased to assist in turning and steering operations whereas at high speeds it is reduced as much assistance is not required. There are key players who are involved in making investments and improvements in the electro-hydraulic steering to make them more

efficient. For example, Bosch has launched ServoTwin electro-hydraulic power steering for heavy commercial vehicles which would make the steering easier efficient and exertion free, also instead of the hydraulic pump being powered by the engine, it would be powered by an electric motor.

Due to exertion while driving, the need for more advanced and safer driving and steering systems is increasing, as technological advancements are happening the industry is moving towards making driving less tedious, these factors are driving the market for electro-hydraulic steering.

By Vehicle Type

On the basis of vehicle type, the global automotive electro-hydraulic steering market is segmented as passenger vehicles, light commercial vehicles, heavy commercial vehicles and others. Passenger vehicles hold a significant share in the market owing to the fact that their production and demand is more than other vehicles.

By Sales Channel

On the basis of the sales channel, global automotive electro-hydraulic steering market can be segmented as OEMs and aftermarket. OEMs hold a notable amount of share in the market due to many cars that are produced these days come with an electro-hydraulic power steering.

By Geography

By geography, the global automotive electro-hydraulic steering market is segmented as North America, Europe, Middle East & Africa, Asia-Pacific, and South America. Asia-Pacific is estimated to hold a good amount of share in the market. Regions like China and India are good producers of automobiles and as the demand for more automobiles is rising, the demand for electro-hydraulic power steering is also increasing due to the need for better steering systems.

Competitive Landscape

The global automotive electro-hydraulic steering market is competitive owing to the presence of well-diversified international, regional and local players. The competitive landscape details strategies, products, and investments being done by key players in different technologies and companies to boost their market presence.

Segmentation

The global automotive electro-hydraulic steering market has been segmented by component, vehicle type, Sales Channel, and geography.

By Component

Steering Gear

Pump

Hoses

Reservoir Tank

By Vehicle Type

Passenger Vehicle

Light Commercial Vehicle

Heavy Commercial Vehicle

By Sales Channel

OEMs

Aftermarket

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

UAE

Others

Asia Pacific

China

Japan

South Korea

India

Others

*NOTE: The report will be delivered in 3 working days.

Contents

1. INTRODUCTION

- 1.1. Market Definition
- 1.2. Market Segmentation

2. RESEARCH METHODOLOGY

- 2.1. Research Data
- 2.2. Assumptions

3. EXECUTIVE SUMMARY

- 3.1. Research Highlights

4. MARKET DYNAMICS

- 4.1. Market Drivers
- 4.2. Market Restraints
- 4.3. Porters Five Forces Analysis
 - 4.3.1. Bargaining Power of Suppliers
 - 4.3.2. Bargaining Power of Buyers
 - 4.3.3. Threat of New Entrants
 - 4.3.4. Threat of Substitutes
 - 4.3.5. Competitive Rivalry in the Industry
- 4.4. Industry Value Chain Analysis

5. GLOBAL AUTOMOTIVE ELECTRO-HYDRAULIC STEERING MARKET ANALYSIS, BY COMPONENT

- 5.1. Introduction
- 5.2. Steering Gear
- 5.3. Pump
- 5.4. Hoses
- 5.5. Reservoir Tank

6. GLOBAL AUTOMOTIVE ELECTRO-HYDRAULIC STEERING MARKET ANALYSIS, BY VEHICLE TYPE

- 6.1. Introduction
- 6.2. Passenger Vehicles
- 6.3. Light Commercial Vehicle
- 6.4. Heavy Commercial Vehicle

7. GLOBAL AUTOMOTIVE ELECTRO-HYDRAULIC STEERING MARKET ANALYSIS, BY SALES CHANNEL

- 7.1. Introduction
- 7.2. OEMs
- 7.3. Aftermarket

8. GLOBAL AUTOMOTIVE ELECTRO-HYDRAULIC STEERING MARKET ANALYSIS, BY GEOGRAPHY

- 8.1. Introduction
- 8.2. North America
 - 8.2.1. North America Electro-Hydraulic Steering Market, By Component, 2018 to 2024
 - 8.2.2. North America Electro-Hydraulic Steering Market, By Vehicle Type, 2018 to 2024
 - 8.2.3. North America Electro-Hydraulic Steering Market, By Sales Channel, 2018 to 2024
 - 8.2.4. By Country
 - 8.2.4.1. USA
 - 8.2.4.1.1. By Vehicle Type
 - 8.2.4.1.2. By Sales Channel
 - 8.2.4.2. Canada
 - 8.2.4.2.1. By Vehicle Type
 - 8.2.4.2.2. By Sales Channel
 - 8.2.4.3. Mexico
 - 8.2.4.3.1. By Vehicle Type
 - 8.2.4.3.2. By Sales Channel
- 8.3. South America
 - 8.3.1. South America Electro-Hydraulic Steering Market, By Component, 2018 to 2024
 - 8.3.2. South America Electro-Hydraulic Steering Market, By Vehicle Type, 2018 to 2024
 - 8.3.3. South America Electro-Hydraulic Steering Market, By Sales Channel, 2018 to 2024

8.3.4. By Country

8.3.4.1. Brazil

8.3.4.1.1. By Vehicle Type

8.3.4.1.2. By Sales Channel

8.3.4.2. Argentina

8.3.4.2.1. By Vehicle Type

8.3.4.2.2. By Sales Channel

8.3.4.3. Others

8.4. Europe

8.4.1. Europe Electro-Hydraulic Steering Market, By Component, 2018 to 2024

8.4.2. Europe Electro-Hydraulic Steering Market, By Vehicle Type, 2018 to 2024

8.4.3. Europe Electro-Hydraulic Steering Market, By Sales Channel, 2018 to 2024

8.4.4. By Country

8.4.4.1. Germany

8.4.4.1.1. By Vehicle Type

8.4.4.1.2. By Sales Channel

8.4.4.2. France

8.4.4.2.1. By Vehicle Type

8.4.4.2.2. By Sales Channel

8.4.4.3. United Kingdom

8.4.4.3.1. By Vehicle Type

8.4.4.3.2. By Sales Channel

8.4.4.4. Spain

8.4.4.4.1. By Vehicle Type

8.4.4.4.2. By Sales Channel

8.4.4.5. Others

8.5. Middle East and Africa

8.5.1. Middle East and Africa Electro-Hydraulic Steering Market, By Component, 2018 to 2024

8.5.2. Middle East and Africa Electro-Hydraulic Steering Market, By Vehicle Type, 2018 to 2024

8.5.3. Middle East and Africa Electro-Hydraulic Steering Market, By Sales Channel, 2018 to 2024

8.5.4. By Country

8.5.4.1. Saudi Arabia

8.5.4.1.1. By Vehicle Type

8.5.4.1.2. By Sales Channel

8.5.4.2. Israel

8.5.4.2.1. By Vehicle Type

8.5.4.2.2. By Sales Channel

8.5.4.3. UAE

8.5.4.3.1. By Vehicle Type

8.5.4.3.2. By Sales Channel

8.5.4.4. Others

8.6. Asia Pacific

8.6.1. Asia Pacific Electro-Hydraulic Steering Market, By Component, 2018 to 2024

8.6.2. Asia Pacific Electro-Hydraulic Steering Market, By Vehicle Type, 2018 to 2024

8.6.3. Asia Pacific Electro-Hydraulic Steering Market, By Sales Channel, 2018 to 2024

8.6.4. By Country

8.6.4.1. China

8.6.4.1.1. By Vehicle Type

8.6.4.1.2. By Sales Channel

8.6.4.2. Japan

8.6.4.2.1. By Vehicle Type

8.6.4.2.2. By Sales Channel

8.6.4.3. South Korea

8.6.4.3.1. By Vehicle Type

8.6.4.3.2. By Sales Channel

8.6.4.4. India

8.6.4.4.1. By Vehicle Type

8.6.4.4.2. By Sales Channel

8.6.4.5. Others

9. COMPETITIVE ENVIRONMENT AND ANALYSIS

9.1. Major Players and Strategy Analysis

9.2. Emerging Players and Market Lucrativeness

9.3. Mergers, Acquisitions, Agreements, and Collaborations

9.4. Vendor Competitiveness Matrix

10. COMPANY PROFILES

10.1. Robert Bosch GmbH

10.2. JTEKT Corporation

10.3. Hitachi Automotive Systems Americas, Inc.

10.4. ZF Friedrichshafen AG

10.5. Danotek Motion Technologies

10.6. Eaton

10.7. Tecnosir s.r.l.

10.8. Allied Motion Inc

10.9. GENERAL RICAMBI

10.10. The Engineering Center Steyr GmbH & Co KG (ECS)

11. APPENDIX

I would like to order

Product name: Global Automotive Electro-Hydraulic Steering Market - Forecasts from 2019 to 2024

Product link: <https://marketpublishers.com/r/G98476B794A2EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G98476B794A2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970