

Lane Keep Assist System Market By Function Type (Lane Keeping System, Lane Departure Warning), By Component (Vision Sensor/Camera, Electronic Power Assisted Steering (EPAS) Actuator, Electronic Control Unit, Others), By Vehicle Type (Passenger Car, Commercial Vehicle), By Propulsion (ICE, Electric and Hybrid, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-09-01 | 380 pages | Allied Market Research

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Report description:

Lane keep assist (LKA) is an electronic assistance system, which uses vision sensors (video or image) to detect the lane and current position of vehicles to control lateral motion and prevent lane departure. If the vehicle's distance to the lane markings falls below a defined minimum, the system steps in. In vehicles with electric power steering, it gently, but noticeably counter steers to keep the vehicle in the lane. The global automotive industry has experienced tremendous transformation in past few years. The ever-growing demand for passenger safety and comfort is making vehicle manufacturers focus incessantly on forming new design experiences by enabling efficient incorporation of new technologies and processes such as lane keep assist system which is fueling the growth of the market.

The lane keep assist system market is segmented on the basis of function type, component, vehicle type, propulsion, and region. By function type, it is bifurcated into direct lane keeping system, and lane departure Warning. By component, it is classified into vision sensor/camera, electronic power assisted steering (EPAS) actuator, electronic control unit, and others. By vehicle type, it is divided into passenger vehicles, and commercial vehicles. By propulsion, it is categorized into ICE, electric & hybrid, and alternate fuel vehicle. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Growth drivers, restraints, and opportunities are explained in the report to better understand the market dynamics. This report further highlights key areas of investments. In addition, it includes Porter's five forces analysis to understand competitive scenario of the industry and role of each stakeholder. The report features strategies adopted by key market players to maintain their foothold in the market. Furthermore, it highlights competitive landscape of key players to increase their market share and sustain

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intense competition in the industry.

Key players that operate in this market include Autolive Inc., Bendix Commercial Vehicle Systems LLC, Continental AG, Delphi Technologies (Borgwarner Inc.), Denso Corporation, Hitachi Ltd., Hyundai Mobis, Magna International Inc., Mobileye, Panasonic Corporation, NXP Semiconductors, Robert Bosch GmbH, Valeo, Visteon Corporation, and ZF Friedrichshafen AG.

Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the lane keep assist system market analysis from 2021 to 2031 to identify the prevailing lane keep assist system market opportunities.

-The market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the lane keep assist system market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global lane keep assist system market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Propulsion

- ICE
- Electric and Hybrid
- Others

By Function Type

- Lane Departure Warning
- Lane Keeping System

By Component

- Vision Sensor/Camera
- Electronic Power Assisted Steering (EPAS) Actuator
- Electronic Control Unit
- Others

By Vehicle Type

- Passenger Car
- Commercial Vehicle

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- France
- Russia
- Netherlands
- UK
- Poland
- Spain
- Rest Of Europe
- Asia-Pacific

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- China
- India
- Japan
- South Korea
- Asean
- Rest Of Asia-Pacific
- LAMEA
- Brazil
- UAE
- Saudi Arabia
- South Africa
- Rest Of LAMEA
- Key Market Players
- Bendix
- CONTINENTAL AG
- Delphi Automotive PLC.
- Denso Corporation
- Hitachi Ltd
- HYUNDAI MOBIS
- Magna
- MOBILEYE
- Panasonic Corp.
- Robert Bosch GmbH
- SDS
- VALEO
- Visteon
- WABCO Holdings Inc.
- ZF Friedrichshafen AG

Table of Contents:

CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key market segments
- 1.3.Key benefits to the stakeholders
- 1.4.Research Methodology
 - 1.4.1.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
 - 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning

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- 3.5. Market dynamics
 - 3.5.1. Drivers
 - 3.5.2. Restraints
 - 3.5.3. Opportunities
- 3.6. COVID-19 Impact Analysis on the market
- CHAPTER 4: LANE KEEP ASSIST SYSTEM MARKET, BY FUNCTION TYPE
 - 4.1 Overview
 - 4.1.1 Market size and forecast
 - 4.2 Lane Keeping System
 - 4.2.1 Key market trends, growth factors and opportunities
 - 4.2.2 Market size and forecast, by region
 - 4.2.3 Market analysis by country
 - 4.3 Lane Departure Warning
 - 4.3.1 Key market trends, growth factors and opportunities
 - 4.3.2 Market size and forecast, by region
 - 4.3.3 Market analysis by country
- CHAPTER 5: LANE KEEP ASSIST SYSTEM MARKET, BY COMPONENT
 - 5.1 Overview
 - 5.1.1 Market size and forecast
 - 5.2 Vision Sensor/Camera
 - 5.2.1 Key market trends, growth factors and opportunities
 - 5.2.2 Market size and forecast, by region
 - 5.2.3 Market analysis by country
 - 5.3 Electronic Power Assisted Steering (EPAS) Actuator
 - 5.3.1 Key market trends, growth factors and opportunities
 - 5.3.2 Market size and forecast, by region
 - 5.3.3 Market analysis by country
 - 5.4 Electronic Control Unit
 - 5.4.1 Key market trends, growth factors and opportunities
 - 5.4.2 Market size and forecast, by region
 - 5.4.3 Market analysis by country
 - 5.5 Others
 - 5.5.1 Key market trends, growth factors and opportunities
 - 5.5.2 Market size and forecast, by region
 - 5.5.3 Market analysis by country
- CHAPTER 6: LANE KEEP ASSIST SYSTEM MARKET, BY VEHICLE TYPE
 - 6.1 Overview
 - 6.1.1 Market size and forecast
 - 6.2 Passenger Car
 - 6.2.1 Key market trends, growth factors and opportunities
 - 6.2.2 Market size and forecast, by region
 - 6.2.3 Market analysis by country
 - 6.3 Commercial Vehicle
 - 6.3.1 Key market trends, growth factors and opportunities
 - 6.3.2 Market size and forecast, by region
 - 6.3.3 Market analysis by country
- CHAPTER 7: LANE KEEP ASSIST SYSTEM MARKET, BY PROPULSION

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- 7.1 Overview
 - 7.1.1 Market size and forecast
- 7.2 ICE
 - 7.2.1 Key market trends, growth factors and opportunities
 - 7.2.2 Market size and forecast, by region
 - 7.2.3 Market analysis by country
- 7.3 Electric and Hybrid
 - 7.3.1 Key market trends, growth factors and opportunities
 - 7.3.2 Market size and forecast, by region
 - 7.3.3 Market analysis by country
- 7.4 Others
 - 7.4.1 Key market trends, growth factors and opportunities
 - 7.4.2 Market size and forecast, by region
 - 7.4.3 Market analysis by country
- CHAPTER 8: LANE KEEP ASSIST SYSTEM MARKET, BY REGION
 - 8.1 Overview
 - 8.1.1 Market size and forecast
 - 8.2 North America
 - 8.2.1 Key trends and opportunities
 - 8.2.2 North America Market size and forecast, by Function Type
 - 8.2.3 North America Market size and forecast, by Component
 - 8.2.4 North America Market size and forecast, by Vehicle Type
 - 8.2.5 North America Market size and forecast, by Propulsion
 - 8.2.6 North America Market size and forecast, by country
 - 8.2.6.1 U.S.
 - 8.2.6.1.1 Market size and forecast, by Function Type
 - 8.2.6.1.2 Market size and forecast, by Component
 - 8.2.6.1.3 Market size and forecast, by Vehicle Type
 - 8.2.6.1.4 Market size and forecast, by Propulsion
 - 8.2.6.2 Canada
 - 8.2.6.2.1 Market size and forecast, by Function Type
 - 8.2.6.2.2 Market size and forecast, by Component
 - 8.2.6.2.3 Market size and forecast, by Vehicle Type
 - 8.2.6.2.4 Market size and forecast, by Propulsion
 - 8.2.6.3 Mexico
 - 8.2.6.3.1 Market size and forecast, by Function Type
 - 8.2.6.3.2 Market size and forecast, by Component
 - 8.2.6.3.3 Market size and forecast, by Vehicle Type
 - 8.2.6.3.4 Market size and forecast, by Propulsion
 - 8.3 Europe
 - 8.3.1 Key trends and opportunities
 - 8.3.2 Europe Market size and forecast, by Function Type
 - 8.3.3 Europe Market size and forecast, by Component
 - 8.3.4 Europe Market size and forecast, by Vehicle Type
 - 8.3.5 Europe Market size and forecast, by Propulsion
 - 8.3.6 Europe Market size and forecast, by country
 - 8.3.6.1 Germany

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- 8.3.6.1.1 Market size and forecast, by Function Type
- 8.3.6.1.2 Market size and forecast, by Component
- 8.3.6.1.3 Market size and forecast, by Vehicle Type
- 8.3.6.1.4 Market size and forecast, by Propulsion
- 8.3.6.2 France
 - 8.3.6.2.1 Market size and forecast, by Function Type
 - 8.3.6.2.2 Market size and forecast, by Component
 - 8.3.6.2.3 Market size and forecast, by Vehicle Type
 - 8.3.6.2.4 Market size and forecast, by Propulsion
- 8.3.6.3 Russia
 - 8.3.6.3.1 Market size and forecast, by Function Type
 - 8.3.6.3.2 Market size and forecast, by Component
 - 8.3.6.3.3 Market size and forecast, by Vehicle Type
 - 8.3.6.3.4 Market size and forecast, by Propulsion
- 8.3.6.4 Netherlands
 - 8.3.6.4.1 Market size and forecast, by Function Type
 - 8.3.6.4.2 Market size and forecast, by Component
 - 8.3.6.4.3 Market size and forecast, by Vehicle Type
 - 8.3.6.4.4 Market size and forecast, by Propulsion
- 8.3.6.5 UK
 - 8.3.6.5.1 Market size and forecast, by Function Type
 - 8.3.6.5.2 Market size and forecast, by Component
 - 8.3.6.5.3 Market size and forecast, by Vehicle Type
 - 8.3.6.5.4 Market size and forecast, by Propulsion
- 8.3.6.6 Poland
 - 8.3.6.6.1 Market size and forecast, by Function Type
 - 8.3.6.6.2 Market size and forecast, by Component
 - 8.3.6.6.3 Market size and forecast, by Vehicle Type
 - 8.3.6.6.4 Market size and forecast, by Propulsion
- 8.3.6.7 Spain
 - 8.3.6.7.1 Market size and forecast, by Function Type
 - 8.3.6.7.2 Market size and forecast, by Component
 - 8.3.6.7.3 Market size and forecast, by Vehicle Type
 - 8.3.6.7.4 Market size and forecast, by Propulsion
- 8.3.6.8 Rest of Europe
 - 8.3.6.8.1 Market size and forecast, by Function Type
 - 8.3.6.8.2 Market size and forecast, by Component
 - 8.3.6.8.3 Market size and forecast, by Vehicle Type
 - 8.3.6.8.4 Market size and forecast, by Propulsion
- 8.4 Asia-Pacific
 - 8.4.1 Key trends and opportunities
 - 8.4.2 Asia-Pacific Market size and forecast, by Function Type
 - 8.4.3 Asia-Pacific Market size and forecast, by Component
 - 8.4.4 Asia-Pacific Market size and forecast, by Vehicle Type
 - 8.4.5 Asia-Pacific Market size and forecast, by Propulsion
 - 8.4.6 Asia-Pacific Market size and forecast, by country
 - 8.4.6.1 China

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- 8.4.6.1.1 Market size and forecast, by Function Type
- 8.4.6.1.2 Market size and forecast, by Component
- 8.4.6.1.3 Market size and forecast, by Vehicle Type
- 8.4.6.1.4 Market size and forecast, by Propulsion
- 8.4.6.2 India
 - 8.4.6.2.1 Market size and forecast, by Function Type
 - 8.4.6.2.2 Market size and forecast, by Component
 - 8.4.6.2.3 Market size and forecast, by Vehicle Type
 - 8.4.6.2.4 Market size and forecast, by Propulsion
- 8.4.6.3 Japan
 - 8.4.6.3.1 Market size and forecast, by Function Type
 - 8.4.6.3.2 Market size and forecast, by Component
 - 8.4.6.3.3 Market size and forecast, by Vehicle Type
 - 8.4.6.3.4 Market size and forecast, by Propulsion
- 8.4.6.4 South Korea
 - 8.4.6.4.1 Market size and forecast, by Function Type
 - 8.4.6.4.2 Market size and forecast, by Component
 - 8.4.6.4.3 Market size and forecast, by Vehicle Type
 - 8.4.6.4.4 Market size and forecast, by Propulsion
- 8.4.6.5 Asean
 - 8.4.6.5.1 Market size and forecast, by Function Type
 - 8.4.6.5.2 Market size and forecast, by Component
 - 8.4.6.5.3 Market size and forecast, by Vehicle Type
 - 8.4.6.5.4 Market size and forecast, by Propulsion
- 8.4.6.6 Rest of Asia-Pacific
 - 8.4.6.6.1 Market size and forecast, by Function Type
 - 8.4.6.6.2 Market size and forecast, by Component
 - 8.4.6.6.3 Market size and forecast, by Vehicle Type
 - 8.4.6.6.4 Market size and forecast, by Propulsion
- 8.5 LAMEA
 - 8.5.1 Key trends and opportunities
 - 8.5.2 LAMEA Market size and forecast, by Function Type
 - 8.5.3 LAMEA Market size and forecast, by Component
 - 8.5.4 LAMEA Market size and forecast, by Vehicle Type
 - 8.5.5 LAMEA Market size and forecast, by Propulsion
 - 8.5.6 LAMEA Market size and forecast, by country
 - 8.5.6.1 Brazil
 - 8.5.6.1.1 Market size and forecast, by Function Type
 - 8.5.6.1.2 Market size and forecast, by Component
 - 8.5.6.1.3 Market size and forecast, by Vehicle Type
 - 8.5.6.1.4 Market size and forecast, by Propulsion
 - 8.5.6.2 UAE
 - 8.5.6.2.1 Market size and forecast, by Function Type
 - 8.5.6.2.2 Market size and forecast, by Component
 - 8.5.6.2.3 Market size and forecast, by Vehicle Type
 - 8.5.6.2.4 Market size and forecast, by Propulsion
 - 8.5.6.3 Saudi Arabia

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- 8.5.6.3.1 Market size and forecast, by Function Type
- 8.5.6.3.2 Market size and forecast, by Component
- 8.5.6.3.3 Market size and forecast, by Vehicle Type
- 8.5.6.3.4 Market size and forecast, by Propulsion
- 8.5.6.4 South Africa
 - 8.5.6.4.1 Market size and forecast, by Function Type
 - 8.5.6.4.2 Market size and forecast, by Component
 - 8.5.6.4.3 Market size and forecast, by Vehicle Type
 - 8.5.6.4.4 Market size and forecast, by Propulsion
- 8.5.6.5 Rest of LAMEA
 - 8.5.6.5.1 Market size and forecast, by Function Type
 - 8.5.6.5.2 Market size and forecast, by Component
 - 8.5.6.5.3 Market size and forecast, by Vehicle Type
 - 8.5.6.5.4 Market size and forecast, by Propulsion

CHAPTER 9: COMPANY LANDSCAPE

- 9.1. Introduction
- 9.2. Top winning strategies
- 9.3. Product Mapping of Top 10 Player
- 9.4. Competitive Dashboard
- 9.5. Competitive Heatmap
- 9.6. Key developments

CHAPTER 10: COMPANY PROFILES

- 10.1 Bendix
 - 10.1.1 Company overview
 - 10.1.2 Company snapshot
 - 10.1.3 Operating business segments
 - 10.1.4 Product portfolio
 - 10.1.5 Business performance
 - 10.1.6 Key strategic moves and developments
- 10.2 CONTINENTAL AG
 - 10.2.1 Company overview
 - 10.2.2 Company snapshot
 - 10.2.3 Operating business segments
 - 10.2.4 Product portfolio
 - 10.2.5 Business performance
 - 10.2.6 Key strategic moves and developments
- 10.3 Delphi Automotive PLC.
 - 10.3.1 Company overview
 - 10.3.2 Company snapshot
 - 10.3.3 Operating business segments
 - 10.3.4 Product portfolio
 - 10.3.5 Business performance
 - 10.3.6 Key strategic moves and developments
- 10.4 Denso Corporation
 - 10.4.1 Company overview
 - 10.4.2 Company snapshot
 - 10.4.3 Operating business segments

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- 10.4.4 Product portfolio
- 10.4.5 Business performance
- 10.4.6 Key strategic moves and developments
- 10.5 Hitachi Ltd
 - 10.5.1 Company overview
 - 10.5.2 Company snapshot
 - 10.5.3 Operating business segments
 - 10.5.4 Product portfolio
 - 10.5.5 Business performance
 - 10.5.6 Key strategic moves and developments
- 10.6 HYUNDAI MOBIS
 - 10.6.1 Company overview
 - 10.6.2 Company snapshot
 - 10.6.3 Operating business segments
 - 10.6.4 Product portfolio
 - 10.6.5 Business performance
 - 10.6.6 Key strategic moves and developments
- 10.7 Magna
 - 10.7.1 Company overview
 - 10.7.2 Company snapshot
 - 10.7.3 Operating business segments
 - 10.7.4 Product portfolio
 - 10.7.5 Business performance
 - 10.7.6 Key strategic moves and developments
- 10.8 MOBILEYE
 - 10.8.1 Company overview
 - 10.8.2 Company snapshot
 - 10.8.3 Operating business segments
 - 10.8.4 Product portfolio
 - 10.8.5 Business performance
 - 10.8.6 Key strategic moves and developments
- 10.9 Panasonic Corp.
 - 10.9.1 Company overview
 - 10.9.2 Company snapshot
 - 10.9.3 Operating business segments
 - 10.9.4 Product portfolio
 - 10.9.5 Business performance
 - 10.9.6 Key strategic moves and developments
- 10.10 Robert Bosch GmbH
 - 10.10.1 Company overview
 - 10.10.2 Company snapshot
 - 10.10.3 Operating business segments
 - 10.10.4 Product portfolio
 - 10.10.5 Business performance
 - 10.10.6 Key strategic moves and developments
- 10.11 SDS
 - 10.11.1 Company overview

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- 10.11.2 Company snapshot
- 10.11.3 Operating business segments
- 10.11.4 Product portfolio
- 10.11.5 Business performance
- 10.11.6 Key strategic moves and developments
- 10.12 VALEO
 - 10.12.1 Company overview
 - 10.12.2 Company snapshot
 - 10.12.3 Operating business segments
 - 10.12.4 Product portfolio
 - 10.12.5 Business performance
 - 10.12.6 Key strategic moves and developments
- 10.13 Visteon
 - 10.13.1 Company overview
 - 10.13.2 Company snapshot
 - 10.13.3 Operating business segments
 - 10.13.4 Product portfolio
 - 10.13.5 Business performance
 - 10.13.6 Key strategic moves and developments
- 10.14 WABCO Holdings Inc.
 - 10.14.1 Company overview
 - 10.14.2 Company snapshot
 - 10.14.3 Operating business segments
 - 10.14.4 Product portfolio
 - 10.14.5 Business performance
 - 10.14.6 Key strategic moves and developments
- 10.15 ZF Friedrichshafen AG
 - 10.15.1 Company overview
 - 10.15.2 Company snapshot
 - 10.15.3 Operating business segments
 - 10.15.4 Product portfolio
 - 10.15.5 Business performance
 - 10.15.6 Key strategic moves and developments

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