

Global Automotive On-Board Diagnostics Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Automotive On-Board Diagnostics market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Automotive On-board diagnostics (OBD) is an automotive term referring to a vehicle's self-diagnostic and reporting capability. OBD systems give the vehicle owner or repair technician access to the status of the various vehicle subsystems.

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.

The Global Info Research report includes an overview of the development of the Automotive On-Board Diagnostics industry chain, the market status of Passenger Car (Threshold Monitoring, Comprehensive Component Monitoring), Commercial Vehicle (Threshold Monitoring, Comprehensive Component Monitoring), and key enterprises in

developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive On-Board Diagnostics.

Regionally, the report analyzes the Automotive On-Board Diagnostics markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive On-Board Diagnostics market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Automotive On-Board Diagnostics market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive On-Board Diagnostics industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Threshold Monitoring, Comprehensive Component Monitoring).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive On-Board Diagnostics market.

Regional Analysis: The report involves examining the Automotive On-Board Diagnostics market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Automotive On-Board Diagnostics market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive On-Board

Diagnostics:

Company Analysis: Report covers individual Automotive On-Board Diagnostics manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Automotive On-Board Diagnostics. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Car, Commercial Vehicle).

Technology Analysis: Report covers specific technologies relevant to Automotive On-Board Diagnostics. It assesses the current state, advancements, and potential future developments in Automotive On-Board Diagnostics areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Automotive On-Board Diagnostics market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Automotive On-Board Diagnostics 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 volume and value.

Market segment by Type

Threshold Monitoring

Comprehensive Component Monitoring

Market segment by Application

Passenger Car

Commercial Vehicle

Major players covered

Autel

Bosch

OTC Tools

Snap-On

Hella Gutmann

Launch Tech USA

Konnwei

FOXWELL

AUTOOL

Topdon

Innova Electronic Corporation

ANCEL

Autodiag Technology

Draper Auto LLC

BlueDriver

Shenzhen Acartool Auto Electronic

Shenzhen Chuang Xin Hong Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automotive On-Board Diagnostics product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive On-Board Diagnostics, with price, sales, revenue and global market share of Automotive On-Board Diagnostics from 2019 to 2024.

Chapter 3, the Automotive On-Board Diagnostics competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive On-Board Diagnostics breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017

to 2023.and Automotive On-Board Diagnostics market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive On-Board Diagnostics.

Chapter 14 and 15, to describe Automotive On-Board Diagnostics sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Automotive On-Board Diagnostics
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Automotive On-Board Diagnostics Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 Threshold Monitoring
 - 1.3.3 Comprehensive Component Monitoring
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Automotive On-Board Diagnostics Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 Passenger Car
 - 1.4.3 Commercial Vehicle
- 1.5 Global Automotive On-Board Diagnostics Market Size & Forecast
 - 1.5.1 Global Automotive On-Board Diagnostics Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Automotive On-Board Diagnostics Sales Quantity (2019-2030)
 - 1.5.3 Global Automotive On-Board Diagnostics Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 Autel
 - 2.1.1 Autel Details
 - 2.1.2 Autel Major Business
 - 2.1.3 Autel Automotive On-Board Diagnostics Product and Services
 - 2.1.4 Autel Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Autel Recent Developments/Updates
- 2.2 Bosch
 - 2.2.1 Bosch Details
 - 2.2.2 Bosch Major Business
 - 2.2.3 Bosch Automotive On-Board Diagnostics Product and Services
 - 2.2.4 Bosch Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.2.5 Bosch Recent Developments/Updates
- 2.3 OTC Tools

- 2.3.1 OTC Tools Details
- 2.3.2 OTC Tools Major Business
- 2.3.3 OTC Tools Automotive On-Board Diagnostics Product and Services
- 2.3.4 OTC Tools Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.3.5 OTC Tools Recent Developments/Updates
- 2.4 Snap-On
 - 2.4.1 Snap-On Details
 - 2.4.2 Snap-On Major Business
 - 2.4.3 Snap-On Automotive On-Board Diagnostics Product and Services
 - 2.4.4 Snap-On Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Snap-On Recent Developments/Updates
- 2.5 Hella Gutmann
 - 2.5.1 Hella Gutmann Details
 - 2.5.2 Hella Gutmann Major Business
 - 2.5.3 Hella Gutmann Automotive On-Board Diagnostics Product and Services
 - 2.5.4 Hella Gutmann Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Hella Gutmann Recent Developments/Updates
- 2.6 Launch Tech USA
 - 2.6.1 Launch Tech USA Details
 - 2.6.2 Launch Tech USA Major Business
 - 2.6.3 Launch Tech USA Automotive On-Board Diagnostics Product and Services
 - 2.6.4 Launch Tech USA Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Launch Tech USA Recent Developments/Updates
- 2.7 Konnwei
 - 2.7.1 Konnwei Details
 - 2.7.2 Konnwei Major Business
 - 2.7.3 Konnwei Automotive On-Board Diagnostics Product and Services
 - 2.7.4 Konnwei Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Konnwei Recent Developments/Updates
- 2.8 FOXWELL
 - 2.8.1 FOXWELL Details
 - 2.8.2 FOXWELL Major Business
 - 2.8.3 FOXWELL Automotive On-Board Diagnostics Product and Services
 - 2.8.4 FOXWELL Automotive On-Board Diagnostics Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 FOXWELL Recent Developments/Updates

2.9 AUTOOL

2.9.1 AUTOOL Details

2.9.2 AUTOOL Major Business

2.9.3 AUTOOL Automotive On-Board Diagnostics Product and Services

2.9.4 AUTOOL Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 AUTOOL Recent Developments/Updates

2.10 Topdon

2.10.1 Topdon Details

2.10.2 Topdon Major Business

2.10.3 Topdon Automotive On-Board Diagnostics Product and Services

2.10.4 Topdon Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Topdon Recent Developments/Updates

2.11 Innova Electronic Corporation

2.11.1 Innova Electronic Corporation Details

2.11.2 Innova Electronic Corporation Major Business

2.11.3 Innova Electronic Corporation Automotive On-Board Diagnostics Product and Services

2.11.4 Innova Electronic Corporation Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Innova Electronic Corporation Recent Developments/Updates

2.12 ANCEL

2.12.1 ANCEL Details

2.12.2 ANCEL Major Business

2.12.3 ANCEL Automotive On-Board Diagnostics Product and Services

2.12.4 ANCEL Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 ANCEL Recent Developments/Updates

2.13 Autodiag Technology

2.13.1 Autodiag Technology Details

2.13.2 Autodiag Technology Major Business

2.13.3 Autodiag Technology Automotive On-Board Diagnostics Product and Services

2.13.4 Autodiag Technology Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 Autodiag Technology Recent Developments/Updates

2.14 Draper Auto LLC

- 2.14.1 Draper Auto LLC Details
- 2.14.2 Draper Auto LLC Major Business
- 2.14.3 Draper Auto LLC Automotive On-Board Diagnostics Product and Services
- 2.14.4 Draper Auto LLC Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.14.5 Draper Auto LLC Recent Developments/Updates
- 2.15 BlueDriver
 - 2.15.1 BlueDriver Details
 - 2.15.2 BlueDriver Major Business
 - 2.15.3 BlueDriver Automotive On-Board Diagnostics Product and Services
 - 2.15.4 BlueDriver Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 BlueDriver Recent Developments/Updates
- 2.16 Shenzhen Acartool Auto Electronic
 - 2.16.1 Shenzhen Acartool Auto Electronic Details
 - 2.16.2 Shenzhen Acartool Auto Electronic Major Business
 - 2.16.3 Shenzhen Acartool Auto Electronic Automotive On-Board Diagnostics Product and Services
 - 2.16.4 Shenzhen Acartool Auto Electronic Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.16.5 Shenzhen Acartool Auto Electronic Recent Developments/Updates
- 2.17 Shenzhen Chuang Xin Hong Technology
 - 2.17.1 Shenzhen Chuang Xin Hong Technology Details
 - 2.17.2 Shenzhen Chuang Xin Hong Technology Major Business
 - 2.17.3 Shenzhen Chuang Xin Hong Technology Automotive On-Board Diagnostics Product and Services
 - 2.17.4 Shenzhen Chuang Xin Hong Technology Automotive On-Board Diagnostics Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.17.5 Shenzhen Chuang Xin Hong Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE ON-BOARD DIAGNOSTICS BY MANUFACTURER

- 3.1 Global Automotive On-Board Diagnostics Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Automotive On-Board Diagnostics Revenue by Manufacturer (2019-2024)
- 3.3 Global Automotive On-Board Diagnostics Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)

- 3.4.1 Producer Shipments of Automotive On-Board Diagnostics by Manufacturer Revenue (\$MM) and Market Share (%): 2023
- 3.4.2 Top 3 Automotive On-Board Diagnostics Manufacturer Market Share in 2023
- 3.4.2 Top 6 Automotive On-Board Diagnostics Manufacturer Market Share in 2023
- 3.5 Automotive On-Board Diagnostics Market: Overall Company Footprint Analysis
 - 3.5.1 Automotive On-Board Diagnostics Market: Region Footprint
 - 3.5.2 Automotive On-Board Diagnostics Market: Company Product Type Footprint
 - 3.5.3 Automotive On-Board Diagnostics Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Automotive On-Board Diagnostics Market Size by Region
 - 4.1.1 Global Automotive On-Board Diagnostics Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Automotive On-Board Diagnostics Consumption Value by Region (2019-2030)
 - 4.1.3 Global Automotive On-Board Diagnostics Average Price by Region (2019-2030)
- 4.2 North America Automotive On-Board Diagnostics Consumption Value (2019-2030)
- 4.3 Europe Automotive On-Board Diagnostics Consumption Value (2019-2030)
- 4.4 Asia-Pacific Automotive On-Board Diagnostics Consumption Value (2019-2030)
- 4.5 South America Automotive On-Board Diagnostics Consumption Value (2019-2030)
- 4.6 Middle East and Africa Automotive On-Board Diagnostics Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Automotive On-Board Diagnostics Sales Quantity by Type (2019-2030)
- 5.2 Global Automotive On-Board Diagnostics Consumption Value by Type (2019-2030)
- 5.3 Global Automotive On-Board Diagnostics Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Automotive On-Board Diagnostics Sales Quantity by Application (2019-2030)
- 6.2 Global Automotive On-Board Diagnostics Consumption Value by Application (2019-2030)
- 6.3 Global Automotive On-Board Diagnostics Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Automotive On-Board Diagnostics Sales Quantity by Type (2019-2030)
- 7.2 North America Automotive On-Board Diagnostics Sales Quantity by Application (2019-2030)
- 7.3 North America Automotive On-Board Diagnostics Market Size by Country
 - 7.3.1 North America Automotive On-Board Diagnostics Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Automotive On-Board Diagnostics Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Automotive On-Board Diagnostics Sales Quantity by Type (2019-2030)
- 8.2 Europe Automotive On-Board Diagnostics Sales Quantity by Application (2019-2030)
- 8.3 Europe Automotive On-Board Diagnostics Market Size by Country
 - 8.3.1 Europe Automotive On-Board Diagnostics Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Automotive On-Board Diagnostics Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)
 - 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Automotive On-Board Diagnostics Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Automotive On-Board Diagnostics Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Automotive On-Board Diagnostics Market Size by Region
 - 9.3.1 Asia-Pacific Automotive On-Board Diagnostics Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Automotive On-Board Diagnostics Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Automotive On-Board Diagnostics Sales Quantity by Type (2019-2030)

10.2 South America Automotive On-Board Diagnostics Sales Quantity by Application (2019-2030)

10.3 South America Automotive On-Board Diagnostics Market Size by Country

10.3.1 South America Automotive On-Board Diagnostics Sales Quantity by Country (2019-2030)

10.3.2 South America Automotive On-Board Diagnostics Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automotive On-Board Diagnostics Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Automotive On-Board Diagnostics Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Automotive On-Board Diagnostics Market Size by Country

11.3.1 Middle East & Africa Automotive On-Board Diagnostics Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Automotive On-Board Diagnostics Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Automotive On-Board Diagnostics Market Drivers
- 12.2 Automotive On-Board Diagnostics Market Restraints
- 12.3 Automotive On-Board Diagnostics Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Automotive On-Board Diagnostics and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Automotive On-Board Diagnostics
- 13.3 Automotive On-Board Diagnostics Production Process
- 13.4 Automotive On-Board Diagnostics Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Automotive On-Board Diagnostics Typical Distributors
- 14.3 Automotive On-Board Diagnostics Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

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