

On board diagnostics Device Market By Type (Hand-held tools, Mobile-based tools, PC-based tools, Others), By Vehicle Type (Passenger Cars, Light Commercial Vehicles, Heavy Commercial Vehicles, Electric Vehicle): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-12-01 | 193 pages | Allied Market Research

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Report description:

On-board diagnostics is the analysis of vehicle to determine the proper functioning of vehicle and other components used in a vehicle. Technological advances in the automotive industry has enabled the service provider companies to develop and introduce numerous vehicle diagnostic technologies, which supplement the growth of the market across the globe. For instance, in April 2021, BMW AG received FlexRay cables for EPS rack diagnosis of electric steering racks in BMW 5, 7, and 8 series models. Similarly, in November 2020, Delphi Technologies launched a new line of diagnostic tools and solutions offering additional revenue option for independent garages.

For the purpose of analysis, the report segments the global on-board diagnostics device market based on type, vehicle type and region. This report outlines the details about different devices, including hand-held tools, mobile-based tools, PC-based tools, and others. The applications covered in the study include passenger cars, light commercial vehicles, heavy commercial vehicles, and electric vehicles. Moreover, it analyzes the current market trends of automotive diagnostics across different regions such as North America, Europe, Asia-Pacific, and LAMEA and suggests the future growth opportunities.

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

Furthermore, it highlights the competitive landscape of the key players to increase their market share and sustain intense competition in the industry. The key players analyzed in the automotive diagnostics market include Autel Intelligent Technology Corp., Ltd., Robert Bosch GmbH, Detroit Diesel Corporation, Innova Electronics Corp., Vector Informatik, AVL DiTEST GmbH, Zubie

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Inc., ERM Electronic Systems LTD, Verizon Communications Inc and Denso Corporation.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the on board diagnostics device market analysis from 2021 to 2031 to identify the prevailing on board diagnostics device 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 on board diagnostics device 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 on board diagnostics device market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Type

- Hand-held tools
- Mobile-based tools
- PC-based tools
- Others

By Vehicle Type

- Passenger Cars
- Light Commercial Vehicles
- Heavy Commercial Vehicles
- Electric Vehicle

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Russia
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- Australia
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players

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- Detroit Diesel Corporation
- Zubie, Inc.
- Innova Electronics corp.
- AVL DiTEST GmbH
- Robert Bosch GmbH
- Vector Informatik GmbH
- Denso Corporation
- Autel Intelligent Technology Corp., Ltd.
- ERM Electronic Systems LTD
- Verizon Communications Inc.

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.Market dynamics
 - 3.4.1.Drivers
 - 3.4.1.1. Development of the automotive industry
 - 3.4.1.2. Increased demand for IoT-based technology
 - 3.4.2.Restraints
 - 3.4.2.1. Frequent need for troubleshooting and need for constant maintenance of automotive software
 - 3.4.3.Opportunities
 - 3.4.3.1. Developments in semi-autonomous and autonomous vehicles

- 3.5.COVID-19 Impact Analysis on the market

CHAPTER 4: ON BOARD DIAGNOSTICS DEVICE MARKET, BY TYPE

- 4.1 Overview
 - 4.1.1 Market size and forecast
- 4.2. Hand-held tools
 - 4.2.1 Key market trends, growth factors and opportunities
 - 4.2.2 Market size and forecast, by region
 - 4.2.3 Market share analysis by country

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- 4.3. Mobile-based tools
 - 4.3.1 Key market trends, growth factors and opportunities
 - 4.3.2 Market size and forecast, by region
 - 4.3.3 Market share analysis by country
- 4.4. PC-based tools
 - 4.4.1 Key market trends, growth factors and opportunities
 - 4.4.2 Market size and forecast, by region
 - 4.4.3 Market share analysis by country
- 4.5. Others
 - 4.5.1 Key market trends, growth factors and opportunities
 - 4.5.2 Market size and forecast, by region
 - 4.5.3 Market share analysis by country

CHAPTER 5: ON BOARD DIAGNOSTICS DEVICE MARKET, BY VEHICLE TYPE

- 5.1 Overview
 - 5.1.1 Market size and forecast
- 5.2. Passenger Cars
 - 5.2.1 Key market trends, growth factors and opportunities
 - 5.2.2 Market size and forecast, by region
 - 5.2.3 Market share analysis by country
- 5.3. Light Commercial Vehicles
 - 5.3.1 Key market trends, growth factors and opportunities
 - 5.3.2 Market size and forecast, by region
 - 5.3.3 Market share analysis by country
- 5.4. Heavy Commercial Vehicles
 - 5.4.1 Key market trends, growth factors and opportunities
 - 5.4.2 Market size and forecast, by region
 - 5.4.3 Market share analysis by country
- 5.5. Electric Vehicle
 - 5.5.1 Key market trends, growth factors and opportunities
 - 5.5.2 Market size and forecast, by region
 - 5.5.3 Market share analysis by country

CHAPTER 6: ON BOARD DIAGNOSTICS DEVICE MARKET, BY REGION

- 6.1 Overview
 - 6.1.1 Market size and forecast
- 6.2 North America
 - 6.2.1 Key trends and opportunities
 - 6.2.2 North America Market size and forecast, by Type
 - 6.2.3 North America Market size and forecast, by Vehicle Type
 - 6.2.4 North America Market size and forecast, by country
 - 6.2.4.1 U.S.
 - 6.2.4.1.1 Key market trends, growth factors and opportunities
 - 6.2.4.1.2 Market size and forecast, by Type
 - 6.2.4.1.3 Market size and forecast, by Vehicle Type
 - 6.2.4.2 Canada
 - 6.2.4.2.1 Key market trends, growth factors and opportunities
 - 6.2.4.2.2 Market size and forecast, by Type
 - 6.2.4.2.3 Market size and forecast, by Vehicle Type

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- 6.2.4.3 Mexico
 - 6.2.4.3.1 Key market trends, growth factors and opportunities
 - 6.2.4.3.2 Market size and forecast, by Type
 - 6.2.4.3.3 Market size and forecast, by Vehicle Type
- 6.3 Europe
 - 6.3.1 Key trends and opportunities
 - 6.3.2 Europe Market size and forecast, by Type
 - 6.3.3 Europe Market size and forecast, by Vehicle Type
 - 6.3.4 Europe Market size and forecast, by country
 - 6.3.4.1 UK
 - 6.3.4.1.1 Key market trends, growth factors and opportunities
 - 6.3.4.1.2 Market size and forecast, by Type
 - 6.3.4.1.3 Market size and forecast, by Vehicle Type
 - 6.3.4.2 Germany
 - 6.3.4.2.1 Key market trends, growth factors and opportunities
 - 6.3.4.2.2 Market size and forecast, by Type
 - 6.3.4.2.3 Market size and forecast, by Vehicle Type
 - 6.3.4.3 France
 - 6.3.4.3.1 Key market trends, growth factors and opportunities
 - 6.3.4.3.2 Market size and forecast, by Type
 - 6.3.4.3.3 Market size and forecast, by Vehicle Type
 - 6.3.4.4 Russia
 - 6.3.4.4.1 Key market trends, growth factors and opportunities
 - 6.3.4.4.2 Market size and forecast, by Type
 - 6.3.4.4.3 Market size and forecast, by Vehicle Type
 - 6.3.4.5 Rest of Europe
 - 6.3.4.5.1 Key market trends, growth factors and opportunities
 - 6.3.4.5.2 Market size and forecast, by Type
 - 6.3.4.5.3 Market size and forecast, by Vehicle Type
- 6.4 Asia-Pacific
 - 6.4.1 Key trends and opportunities
 - 6.4.2 Asia-Pacific Market size and forecast, by Type
 - 6.4.3 Asia-Pacific Market size and forecast, by Vehicle Type
 - 6.4.4 Asia-Pacific Market size and forecast, by country
 - 6.4.4.1 China
 - 6.4.4.1.1 Key market trends, growth factors and opportunities
 - 6.4.4.1.2 Market size and forecast, by Type
 - 6.4.4.1.3 Market size and forecast, by Vehicle Type
 - 6.4.4.2 Japan
 - 6.4.4.2.1 Key market trends, growth factors and opportunities
 - 6.4.4.2.2 Market size and forecast, by Type
 - 6.4.4.2.3 Market size and forecast, by Vehicle Type
 - 6.4.4.3 India
 - 6.4.4.3.1 Key market trends, growth factors and opportunities
 - 6.4.4.3.2 Market size and forecast, by Type
 - 6.4.4.3.3 Market size and forecast, by Vehicle Type
 - 6.4.4.4 Australia

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- 6.4.4.4.1 Key market trends, growth factors and opportunities
- 6.4.4.4.2 Market size and forecast, by Type
- 6.4.4.4.3 Market size and forecast, by Vehicle Type
- 6.4.4.5 Rest of Asia-Pacific
 - 6.4.4.5.1 Key market trends, growth factors and opportunities
 - 6.4.4.5.2 Market size and forecast, by Type
 - 6.4.4.5.3 Market size and forecast, by Vehicle Type
- 6.5 LAMEA
 - 6.5.1 Key trends and opportunities
 - 6.5.2 LAMEA Market size and forecast, by Type
 - 6.5.3 LAMEA Market size and forecast, by Vehicle Type
 - 6.5.4 LAMEA Market size and forecast, by country
 - 6.5.4.1 Latin America
 - 6.5.4.1.1 Key market trends, growth factors and opportunities
 - 6.5.4.1.2 Market size and forecast, by Type
 - 6.5.4.1.3 Market size and forecast, by Vehicle Type
 - 6.5.4.2 Middle East
 - 6.5.4.2.1 Key market trends, growth factors and opportunities
 - 6.5.4.2.2 Market size and forecast, by Type
 - 6.5.4.2.3 Market size and forecast, by Vehicle Type
 - 6.5.4.3 Africa
 - 6.5.4.3.1 Key market trends, growth factors and opportunities
 - 6.5.4.3.2 Market size and forecast, by Type
 - 6.5.4.3.3 Market size and forecast, by Vehicle Type

CHAPTER 7: COMPETITIVE LANDSCAPE

- 7.1. Introduction
- 7.2. Top winning strategies
- 7.3. Product Mapping of Top 10 Player
- 7.4. Competitive Dashboard
- 7.5. Competitive Heatmap
- 7.6. Top player positioning, 2021

CHAPTER 8: COMPANY PROFILES

- 8.1 Detroit Diesel Corporation
 - 8.1.1 Company overview
 - 8.1.2 Key Executives
 - 8.1.3 Company snapshot
 - 8.1.4 Operating business segments
 - 8.1.5 Product portfolio
 - 8.1.6 Business performance
 - 8.1.7 Key strategic moves and developments
- 8.2 Zubie, Inc.
 - 8.2.1 Company overview
 - 8.2.2 Key Executives
 - 8.2.3 Company snapshot
 - 8.2.4 Operating business segments
 - 8.2.5 Product portfolio
 - 8.2.6 Business performance

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- 8.2.7 Key strategic moves and developments
- 8.3 Innova Electronics corp.
 - 8.3.1 Company overview
 - 8.3.2 Key Executives
 - 8.3.3 Company snapshot
 - 8.3.4 Operating business segments
 - 8.3.5 Product portfolio
 - 8.3.6 Business performance
 - 8.3.7 Key strategic moves and developments
- 8.4 AVL DiTEST GmbH
 - 8.4.1 Company overview
 - 8.4.2 Key Executives
 - 8.4.3 Company snapshot
 - 8.4.4 Operating business segments
 - 8.4.5 Product portfolio
 - 8.4.6 Business performance
 - 8.4.7 Key strategic moves and developments
- 8.5 Robert Bosch GmbH
 - 8.5.1 Company overview
 - 8.5.2 Key Executives
 - 8.5.3 Company snapshot
 - 8.5.4 Operating business segments
 - 8.5.5 Product portfolio
 - 8.5.6 Business performance
 - 8.5.7 Key strategic moves and developments
- 8.6 Vector Informatik GmbH
 - 8.6.1 Company overview
 - 8.6.2 Key Executives
 - 8.6.3 Company snapshot
 - 8.6.4 Operating business segments
 - 8.6.5 Product portfolio
 - 8.6.6 Business performance
 - 8.6.7 Key strategic moves and developments
- 8.7 Denso Corporation
 - 8.7.1 Company overview
 - 8.7.2 Key Executives
 - 8.7.3 Company snapshot
 - 8.7.4 Operating business segments
 - 8.7.5 Product portfolio
 - 8.7.6 Business performance
 - 8.7.7 Key strategic moves and developments
- 8.8 Autel Intelligent Technology Corp., Ltd.
 - 8.8.1 Company overview
 - 8.8.2 Key Executives
 - 8.8.3 Company snapshot
 - 8.8.4 Operating business segments
 - 8.8.5 Product portfolio

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- 8.8.6 Business performance
- 8.8.7 Key strategic moves and developments
- 8.9 ERM Electronic Systems LTD
 - 8.9.1 Company overview
 - 8.9.2 Key Executives
 - 8.9.3 Company snapshot
 - 8.9.4 Operating business segments
 - 8.9.5 Product portfolio
 - 8.9.6 Business performance
 - 8.9.7 Key strategic moves and developments
- 8.10 Verizon Communications Inc.
 - 8.10.1 Company overview
 - 8.10.2 Key Executives
 - 8.10.3 Company snapshot
 - 8.10.4 Operating business segments
 - 8.10.5 Product portfolio
 - 8.10.6 Business performance
 - 8.10.7 Key strategic moves and developments

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