

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

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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.

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