Global Automotive On-Board Diagnostics (OBD) Market 2015-2019

Description:
About automotive on-board diagnostics
During the early 1980s, automotive manufacturers started using electronics and on-board computers to control engine functions of a vehicle, which led to the development of complicated vehicle technologies. To address the increasing complexity of the vehicle operation, these manufacturers developed efficient ways to diagnose vehicle issues and created pro-active maintenance indicators to enhance fuel economy and durability of the vehicle.

An automotive on-board diagnostics system (also known as OBD-I) is one such integrated system with a technology that helps automobile engineers/technicians identify and diagnose issues in the engine's computerized systems. The system consists of various sensors and circuits that detect any kind of system or component failure and provide an indication regarding the system malfunction through pre-defined diagnostic codes. These codes are stored in the vehicle's computer system. In addition, the OBD-I had few basic emission measurement features such as exhaust gas recirculation valve and catalytic converter, which is a vehicle emissions control device that converts toxic pollutants in the exhaust gas to less toxic pollutants by catalyzing a redox reaction.

By the early 1990s, manufacturers introduced an upgraded advanced on-board diagnostics system (also known as OBD-II) to address as the complexity of an engine and the usage of automated computerized systems to control various functionalities of the vehicle increased to a higher level.

The report forecasts the global automotive on-board diagnostics system market to grow at a CAGR of 7.41% during 2014-2019.

Covered in this report
The global automotive on-board diagnostics system market can be segmented into threshold monitoring and comprehensive component monitoring.

The report, Global Automotive On-Board Diagnostics System Market 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors
- Autel
- Bosch Diagnostics
- Detroit Diesel
- Innova Electronics
- Vector Informatik

Other prominent vendors
- Automatic
- AVL Ditest
- CarShield
- Carvoyant
- Dash Labs
- EASE Diagonostics
- Hickok Incorporated
- Mojio
- Voxx International
- Zubie

Market drivers
- Regulations enforcing mandatory OBD systems
- For a full, detailed list, view the full report

Market challenges
- Declining number of vehicle repair and service stations
- For a full, detailed list, view the full report

Market trends
- Focus on remote diagnostics
- For a full, detailed list, view the full report

Key questions answered in this report
- What will the market size be in 2019 and what will the growth rate be?
- What are the Key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

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