

Global Drive By Wire Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Rise in the advanced technologies and innovations in the automotive technology enables create lucrative opportunities for the companies which are plunged in the automotive industry. Drive-by-Wire technology is an advanced vehicle control methodology, it is incorporation of mechanical linkages within vehicle. The technology replaces traditional mechanical control systems with electrical control systems using the electromechanical actuators and human machine interfaces steering and pedal.

Scope of the Report:

The components such as steering columns, pumps, shafts, belts, master cylinders, vacuum servos are eliminated from the vehicle. The safety can be enhanced by providing the computer controlled systems such as adaptive cruise control, electronic stability control, and lane assist systems. Increased capability due to fault diagnosis and monitoring. Purely electromechanical devices enables elimination of environmental hazardous hydraulic fluids. It enables reduce maintenance cost. Reduction in mechanical complexity. Ergonomics can be improved by the range of force and movement required by the driver. Drive-by-Wire system massively entered in to automotive market. The system contains electromagnetic actuators which enables modulate the quantity of fuel to be introduced into the cylinder. The advanced technologies and rapid innovations enables create opportunities for the companies. The global Drive-by-Wire market anticipated to exhibit a significant CAGR as well as annual growth rate over the forecast period.

The Drive-by-Wire market can be driven by the following factors, Increase in the technological advancements and innovations in drive-by-market enables increase the adoption of people towards drive-by-wire market. Drive-by-wire technology replaces mechanical linkages with electrical components actuators, sensors, batteries which

enables reduce weight and increase fuel economy. The electronic control systems such as sensors, actuators offers accurate and precise results. The advanced features and engine ergonomics enables drive the global drive-by-wire market. However, Drive-by-Wire is costlier than the conventional devices, which may hamper the global Drive-by-Wire market.

The global Drive By Wire market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Drive By Wire.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

This report studies the Drive By Wire market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Drive By Wire market by product type and applications/end industries.

Market Segment by Companies, this report covers

Bosch

Peugeot

Audi

Danaher Motion

Nissan

TORC Robotics

RLP Engineering

TRW

SKF

Mobil Elektronik

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Acceleration By Wire

Brake By Wire

Steering By Wire

Shift By Wire

Park By Wire

Market Segment by Applications, can be divided into

Commercial Vehicle

Passenger Vehicle

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