

Anti-lock Braking System Market by Sub System (Sensors, Electronic Control Unit {ECU}, Hydraulic Unit), and By Vehicle Type (Two Wheelers, Passenger Cars, Commercial Vehicles), Industry trends, estimation & forecast, 2016 - 2024

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Abstracts

Anti-lock Braking System Market by Sub System (Sensors, Electronic Control Unit {ECU}, Hydraulic Unit), and By Vehicle Type (Two Wheelers, Passenger Cars, Commercial Vehicles), Industry trends, estimation & forecast, 2016 – 2024

Anti-lock Braking System Market is expected to reach \$44.5 billion by 2024 with emerging CAGR of 7.1 %. The passenger car market segment is expected to drive the global anti-lock breaking system market for further growth.

Anti-lock breaking system (ABS) is advance braking system for automobiles which prevents skidding of vehicles by performing sequential braking controlled by a microcontroller. The microcontroller is fed by real-time data regarding the vehicle such as, speed and momentum of the vehicle. Maintaining the steering ability over the wet and rough surface is the most important function of the ABS. ABS can be used in traditional as well as electric vehicles. Leading automobile manufacturers are introducing ABS to their entry level vehicles which is expected to boost the market growth for global ABS market.

MARKET DYNAMICS

The global ABS market is driven by the factors such as, rising demand for advance safety features, technological advancements, and rapidly growing automotive market. Further, stringent government safety rules & regulation is also one of the prominent

factors to boost the growth of global ABS market. For instance, the Road Transport Ministry of the India reported for compulsion of ABS in every motorcycle by end of 2018. However, the high per unit cost of ABS units will restrain the market. The advance technological innovation along with reduction in per unit cost of ABS is expected to unfold numerous opportunities for the market growth within untapped Asia-pacific market.

COMPETITIVE LANDSCAPE

The global ABS market is highly fragmented due to presence of several local and international vendors and manufacturers. The market is largely dependent on automobiles sales and dominated by intense competition. New product innovation and development are key strategies adopted by key vendors to gain more market share within global ABS market. For instance, Robert Bosch GmbH, a leader in ABS market has launched ABS for bicycle users, in July 2017.

MARKET SEGMENTATION

The global ABS market is segmented on the basis of subsystem, vehicle type, and region. Sensors, electronic control unit (ECU), and hydraulic unit are further segmentation of subsystem. Vehicle is further categorized into two wheelers, passenger cars, and commercial vehicles. The global market has been segmented into North America, Europe, Asia-Pacific, and RoW (Latin America, Middle East, and Africa) based on the geographical market.

The prominent players profiled in the report are Robert Bosch GmbH, Continental AG, Autoliv Inc, Nissin Kogyo Co., Ltd., Wabco, ZFTRW, Hyundai Mobis Co., Ltd, Denso Corporation, Hitachi Automotive Systems Ltd, and Advics Co., Ltd.

Anti-lock Braking System Market Segmentation

The market is segmented on the basis of Component, Vehicle Type and Geography.

By Component

Sensors

Electronic Control Unit (ECU)

Hydraulic Unit

By Vehicle Type

Two Wheelers

Passenger Cars

Commercial Vehicles

By Geography

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

UK

Rest of Europe

Asia-Pacific

China

Japan

Australia

India

Rest of Asia-Pacific

RoW

Latin America

Middle East

Africa

Key Market Players

Robert Bosch GmbH

Continental AG

Autoliv Inc

Nissin Kogyo Co., Ltd.

Wabco

ZFTRW

Hyundai Mobis Co., Ltd

Denso Corporation

Hitachi Automotive Systems Ltd

Advics Co., Ltd.

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