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Global Passive Safety Systems Market: Trends and Opportunities (2013-18)

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Abstracts

The report titled “Global Passive Safety Systems Market: Trends and Opportunities (2013-2018)” provides an in-depth analysis of global automobile passive safety system with focus on major products such as Seatbelts Systems, Airbags Systems, Steering Wheels and Electronic Control Unit (ECU) Systems. It also accesses the key opportunities and underlying trends in the market and outlines the factors that are and will be driving the growth of the industry in the forecasted period (2013-18). Further, key players of the industry like Autoliv Inc., TRW Electronics, Takata Corporation, Denso Corporation and Bosch Limited are also profiled in the report.

Geographical Coverage

The U.S.

Europe

Asia-Pacific

Company Coverage

Autoliv Inc.

TRW Electronics

Takata Corporation

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Denso Corporation

Bosch Limited

Executive Summary

Passive safety systems refer to collection of systems in the car which protects the driver and passengers from injury if an accident occurs. These automotive safety systems have been around since decades with the implementation of seatbelts by Volvo in the year 1959. Passive safety systems such as Airbags, Seatbelts, Steering Wheel and Electronic Control Unit (ECU) minimize the risk of injury in an accident. For example, Airbags provide a cushion to protect the driver and passengers during a crash; Seatbelts restrain passengers in place so that they are not thrown forward or ejected from the car. These systems are engaged when the collision takes place; some features helps in absorbing crash forces; some restrain occupants from colliding with the vehicle interior, and other prevents objects inside the vehicle from striking the driver or passenger. In order to evaluate passive safety systems, automotive manufacturers along with the government in various nations perform tests to evaluate how well the systems perform in crash scenarios.

The growth of the segment is driven by increasing focus of consumers on safety, rise in number of safety regulation in nations worldwide and growth of global automotive industry. However, factors such as rising cost of raw materials, price competition, exchange rate fluctuation, reliance on specific customers and product defect risk are posing challenge to growth of the industry. Major trends prevailing in the market are deployment of active steering wheels, Vacuum Folding Technology (VFT) Airbag and Flexible Venting Technology (FVT) Airbag.

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