

Global Automotive Active Bonnet Market Size study & Forecast, by Component (Bumper Sensors, Electronic Control Unit (ECU), Active Hinge Systems, Other) By Vehicle type (Passenger, Commercial) By Sales channel (OEM, Aftermarket) and Regional Analysis, 2023-2030

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Abstracts

Global Automotive Active Bonnet Market is valued approximately USD xxx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xxx% over the forecast period 2023-2030. An automotive active bonnet, also known as an active hood or active pedestrian protection system, is a safety feature designed to reduce the severity of injuries to pedestrians in the event of a collision. The active bonnet system is typically found in modern vehicles and is an additional safety measure to protect pedestrians outside the car. The Automotive Active Bonnet market is expanding because of factors such as increasing number of commercial vehicles and growing adoption of automotive sensor technology. The active bonnet system is often integrated with other safety features in vehicles, such as autonomous emergency braking systems and pedestrian detection systems. These systems work together to detect pedestrians and apply the brakes automatically if a potential collision is detected, while the active bonnet helps mitigate the consequences of the impact. Its importance has progressively increased during the last few decades.

According to the Statista, Light commercial vehicles accounted for around 80 percent of worldwide commercial vehicle production in 2021. Just under 18.6 million light commercial vehicles were produced worldwide. This is a year-on-year rise of around eight percent since 2020, when some 17.2 million light commercial vehicles were produced. Furthermore, The United States is the world's largest market for commercial

vehicles, with sales amounting to over 12 million units in 2021. Another important component driving space increase is adoption of automotive sensor technology. As per Statista, the worldwide market for automotive sensors is expected to exceed USD 55 billion by 2025. Automotive sensors measure physical quantities, ranging from tire pressure to nearby object proximity. In addition, Bosch, Infineon, and ON Semi were the leading automotive sensor manufacturers worldwide in 2021. Bosch's market share reached some 21.4% in that year. Also, rising technological advancement in Active Bonnet and rising government initiatives regarding increasing number of accidents would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of Automotive Active Bonnet stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Automotive Active Bonnet Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of key market players in the region. According to the Statista, in 2021, Around 12 million commercial vehicles were sold here, up from approximately 11.5 million units reported in 2020. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rising number of population and increasing number of accidents in the market space.

Major market player included in this report are:

Mercedes-Benz,
Tesla Inc.,
General Motors,
Volkswagen AG,
Mazda Motor Corporation,
BMW AG, Volvo Car Corp.,
Jaguar Land Rover Ltd.,
Kia Motors Corporation
Jaguar Land Rover Ltd.
Alfa Romeo Automobiles S.p.A

Recent Developments in the Market:

In May 2022, General Motors of the United States, and Samsung SDI, a South Korean-based battery and electronic materials manufacturing firm has announced plans to invest \$3 billion in the construction of an electric car plant. Construction is anticipated to begin in 2026, and the facility will have an annual output capacity of 30 gigatons.

Global Automotive Active Bonnet Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Component, Vehicle type, Sales channel, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component

Bumper Sensors

Electronic Control Unit (ECU)

Active Hinge Systems

Other

By Vehicle type

Passenger

Commercial

By Sales channel

OEM

Aftermarket

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

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Saudi Arabia

South Africa

Rest of Middle East & Africa

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