

# **Global Automotive Airbag and Seatbelt Market Size Study, by Airbag Type (Front, Knee, Side & Curtain), Seatbelt Type (2-point, 3-point), Vehicle Type (PC, LCV, Buses, Trucks), Electric Vehicle, Component (Airbag Inflator, ACU, Airbag), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Automotive Airbag and Seatbelt Market was valued at approximately USD 35.03 billion in 2023 and is projected to expand at a CAGR of 7.5% during the forecast period of 2024-2032. As road safety regulations become more stringent worldwide and consumer awareness regarding vehicle safety surges, the automotive industry is witnessing an unparalleled demand for advanced restraint systems. With automakers increasingly prioritizing passenger safety, airbags and seatbelts have evolved into indispensable components of modern vehicles, helping to mitigate the risk of severe injuries in collisions.

Technological advancements in airbag deployment mechanisms and seatbelt pretensioners are redefining industry dynamics. For instance, next-generation adaptive airbags integrated with AI-driven impact analysis ensure optimal inflation based on occupant size, seating position, and crash severity. Furthermore, smart seatbelt systems equipped with real-time monitoring capabilities are fostering a paradigm shift in automotive safety by proactively adjusting tension levels to maximize passenger protection. The rise in demand for electric vehicles (EVs) has also prompted automakers to incorporate specialized airbag and seatbelt configurations tailored to accommodate battery placement and unique vehicle structures.

The global automotive airbag and seatbelt market is being propelled by a combination

of regulatory mandates, technological innovation, and increased consumer spending on vehicle safety features. Government policies across North America, Europe, and Asia-Pacific emphasize the implementation of enhanced crash safety standards, further driving the adoption of advanced passive safety systems. Additionally, major automobile manufacturers are investing heavily in R&D initiatives to develop lightweight, cost-effective, and environmentally sustainable airbag materials that comply with evolving emission norms without compromising safety. However, high costs associated with advanced airbag systems and supply chain disruptions affecting component manufacturing could act as impediments to market expansion.

Regionally, Europe dominated the automotive airbag and seatbelt market in 2023, primarily due to the region's stringent automotive safety regulations and the strong presence of leading automotive manufacturers such as Volkswagen, BMW, and Mercedes-Benz. North America follows closely, with the National Highway Traffic Safety Administration (NHTSA) and other regulatory bodies enforcing rigorous crashworthiness standards. The Asia-Pacific region is anticipated to witness the fastest growth, driven by booming automotive production, rising disposable income, and heightened safety awareness among consumers in China, India, and Japan.

#### Major Market Players Included in This Report:

Autoliv Inc.

ZF Friedrichshafen AG

Robert Bosch GmbH

DENSO Corporation

Continental AG

Hyundai Mobis

Joyson Safety Systems

Takata Corporation

Ashimori Industry Co., Ltd.

Toyota Gosei Co., Ltd.

Toray Industries, Inc.

Daicel Corporation

Ningbo Joyson Electronic Corp.

Delphi Technologies

TRW Automotive Holdings Corp.

The Detailed Segments and Sub-segment of the Market Are Explained Below:

By Airbag Type:

Front Airbags

Knee Airbags

Side & Curtain Airbags

By Seatbelt Type:

2-point Seatbelts

3-point Seatbelts

By Vehicle Type:

Passenger Cars (PC)

Light Commercial Vehicles (LCV)

Buses

Trucks

By Electric Vehicle Type:

Battery Electric Vehicles (BEVs)

Hybrid Electric Vehicles (HEVs)

Plug-in Hybrid Electric Vehicles (PHEVs)

By Component:

Airbag Inflator

Airbag Control Unit (ACU)

Airbag

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe (ROE)

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa (RoMEA)

Key Takeaways:

Market Estimates & Forecast from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

In-depth geographical analysis with country-level insights.

Competitive landscape assessment, including details on leading industry players.

Evaluation of key business strategies and market penetration approaches.

Comprehensive analysis of market structure, covering demand-side and supply-side factors.

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