

# **Global Automotive Airbag Inflators Market by Vehicle Type (Compact Car, Midsize Car, Large Car, MPV and LCV, SUV, and Others), by Airbag Type (Front Airbag, Side Airbag, Knee Airbag, and Curtain Airbag), by Inflator Type (Pyrotechnic, Stored Gas, and Hybrid), by Region (NA – US, Mexico & Canada; Europe – Germany, Spain, UK, Italy, France, Russia, & Others; APAC – China, Japan, South Korea, India, & Others; ROW – Brazil, Argentina, & Others), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021**

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## **Abstracts**

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the airbag inflators market in automotive industry over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

### **The Automotive Airbag Inflators Market: Highlights**

An airbag is the most important safety device in an automobile. There are different types of airbags installed in an automobile such as driver bags, passenger bags, side bags, curtain bags, knee bags, roll-over bags, and others. The market for airbag has been growing at a higher pace than that of automotive market due to increasing

awareness towards passenger safety.

The inflator is that part of an automobile's airbag inflator system which generates gas to inflate the airbags. An inflator inflates the bag with gas in about 0.02 seconds, less than a blink of an eye. The functions of an airbag inflator are:

- a) Provide an adequate storage for inflation material
- b) Respond to the signal provided by sensors by injecting gas into the airbag in case of a collision or a crash.

During the collision, a signal is sent to the inflator unit within the air bag control unit. The igniter starts a rapid chemical reaction generating primarily nitrogen gas to inflate the air bag.

The automotive airbag inflators market promises good growth opportunity and is likely to grow at a CAGR of 3.8% during the forecast period of 2016 to 2021 to reach \$4.8 billion in 2021. Expected growth in automotive production, introduction of more bags per car, growth in Asia Pacific, and increasing safety standards across the globe are the major drivers of airbag inflators market.

Currently, pyrotechnic inflators are the most dominant type in the global automotive airbag inflators market. Compact cars, MPVs, and LCVs are expected to offer a robust growth opportunity for airbag inflators in the global automotive industry.

Europe is the largest market for airbag inflators. The penetration of airbags is impressive in US and Europe. Asia-Pacific, however, is expected to be the dominant market for airbag inflators during the forecast period. Asia Pacific is set to experience the highest growth in the coming years with most of the growth coming from developing nations including India and China. China is the world's largest light vehicle manufacturer. With its CNAP (China's New Car Assessment Program) initiatives, the Chinese government has mandated the use of seat belts and frontal airbags. The number of airbags in vehicles in China is expected to reach the same level as in Europe and the US. This has been possible due to a lot of promotional initiatives taken by government such as advertisements and highway hoardings.

The supply chain of this market comprises raw materials manufacturers, inflator manufacturers, distributors, and OEMs. Some of airbag manufacturers are Autoliv, Takata, TRW, Delphi, and Jinheng and OEMs are General Motors, BMW, Toyota, and Ford.

Most of the airbag manufacturers manufacture inflators as well. The key airbag inflator suppliers for automotive industry are Autoliv, Takata, ZF TRW, Key Safety Systems, and Toyodo Gosei. New product development, light weighing, collaboration with customers, and long term contracts are the key strategies adopted by the key players to gain competitive edge in the market.

## Research Methodology

This report offers high quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 1,000 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. More than 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts have been executed to obtain both the qualitative and quantitative insights.

## Report Features

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis.

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis.

Market trend and forecast analysis.

Market segment trend and forecast.

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities.

Emerging trends.

Strategic growth opportunities for the existing and new players.

Key success factors.

The automotive airbag inflators market is segmented into the following categories.

Automotive Airbag Inflators Market by Vehicle Type:

Compact Car

Mid-Size Car

Large Car

MPV & LCV

SUV

Others

Automotive Airbag Inflators by Airbag Type:

Front Airbag

Side Airbag

Knee Airbag

Curtain Airbag

Automotive Airbag Inflators Market by Inflator Type:

Pyrotechnic

Stored Gas

Hybrid

## Automotive Airbag Inflators Market by Region:

### North America

By vehicle type (Compact Car, Mid-size Car, Large Car, MPV & LCV, SUV, and Others)

By Country (US, Canada, and Mexico)

### Europe

By vehicle type (Compact Car, Mid-size Car, Large Car, MPV & LCV, SUV, and Others)

By Country (Germany, Spain, France, Italy, UK, Russia, and Others)

### Asia Pacific

By vehicle type (Compact Car, Mid-size Car, Large Car, MPV & LCV, SUV, and Others)

By Country (China, Japan, India, South Korea, and Others)

### Rest of the World

By vehicle type (Compact Car, Mid-size Car, Large Car, MPV & LCV, SUV, and Others)

By Country (Brazil, Argentina, and Others)

## Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

### Company Profiling

Detailed profiling of additional market players (up to 3)

SWOT analysis of key players (up to 3)

### Competitive Benchmarking

Benchmarking of the top 3 competitors on product portfolio, application presence, strategic alliances, and new product development

Custom Research: Stratview research offers custom research services across the sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your enquiry at [sales@stratviewresearch.com](mailto:sales@stratviewresearch.com).

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