Automotive Airbag Inflator Market Research Report- Forecast 2023

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Description:

Automotive Airbag Inflator Market Report by Inflator Type (Stored Gas, Pyrotechnic, Hybrid, Cold Gas Inflator, Hot Gas Inflator), Airbag Position (Knee, Side, Frontal, External, Curtain), Vehicle Type (Passenger Vehicle, LCV and HCV), and Region.

Market Scenario:

The biggest concern with high performance and high-end automobiles is that of driver safety. Earlier driver safety would include features such as instant brakes, windshields, robust and strong vehicle body, large diameter and through in the chassis. With greater emphasis on consumer safety in general, equal attention was given to vehicle performance and driver well-being. The need for developing different types of airbags was to protect the life of all the passengers inside the moving vehicle under any situation. This thought was a deviation from the earlier provided airbag mechanism, which involved thus protecting the life of the driver (and sometimes the person sitting adjacent to the driver).

There are many factors responsible for the growth of the automotive airbag inflator market. Firstly there is an increased awareness of traffic and vehicular safety amongst the consumers. Secondly, today's automotive market is a buyer-centric market. Hence to remain relevant and stay in the competition, automotive manufacturers try to provide different and unique features at competitive prices. Thirdly, automakers need to create a brand image that goes beyond just car making and present to the world that they are concerned about people’s well-being, making it morally binding for them to provide best quality airbags for consumer safety. Thus, the overall global automotive airbag inflator market is expected to grow with the CAGR of approximately 4% from 2017-2023.

Automotive Airbag Inflator Market, By Segmentation:

On the basis of the inflator type, the most commonly used is the pyrotechnic inflator. This type of inflator involves using a self-sustained material capable of undergoing exothermic chemical reactions to produce sufficient thrust of gas. This gas helps in inflating the airbag. Owing to the low-cost of manufacture and high production rates, this inflator type is preferred. On the basis of the airbag position, the most commonly used is the frontal type. This airbag position ensures maximum oncoming impact absorption while requiring the least time for integrating in the dashboard mechanism.
On the basis of region, the market is segmented into North America, Asia Pacific, Europe, and Rest of the World. In the North America market (U.S. and Canada in particular), the trend of big vehicles (SUV and mini trucks) has been consistent for a long time. People here generally prefer large personal vehicles over the sparsely distributed public transport system. With more high-performance cars plying on the roads, the probability of traffic-related mishaps is quite high. Hence, this region is always a potentially strong market for this system. In the Asia Pacific market, the sheer combined population of emerging economies – India and China, is about ‘one third’ of the total world population. Additionally, both these countries have an ever growing middle class in need of a personal vehicle. Thus Asia Pacific region, in general, is going to be the next automotive hub of the world, requiring enhanced safety features like airbags. The Europe region, with its near century-old car manufacturing facilities, have, some of the best automobiles coming out of its stable. Such high-end cars definitely require increased driver safety features such as airbags.

Key Players:

The key players in automotive airbag inflator market are ARC Automotive, Inc. (U.S.), Daicel Corporation (Japan), Jinzhou Jinheng Automotive Safety System Co., Ltd. (China), Takata Corporation (Japan), and Autoliv Inc. (Sweden). Toyoda Gosei Co., Ltd. (Japan), Key Safety Systems (U.S.), TRW Automotive (U.S.), and Aptiv PLC (U.S.) are among others.

The report for Global Automotive Airbag Inflator Market of Market Research Future comprises extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economic and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.
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