

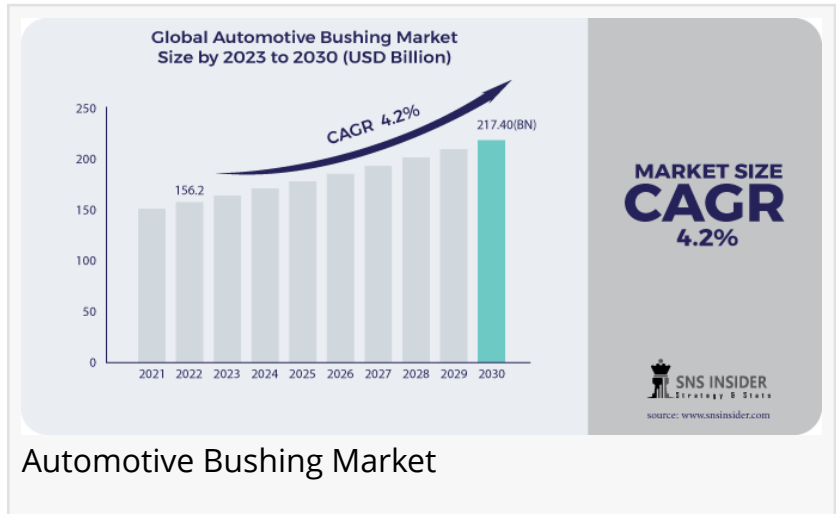
Automotive Bushing Market is Forecasted to Reach USD 217.40 Billion by 2030, Growing at a CAGR of 4.2% (2023-2030)

Automotive Bushing Market Size, Share & Segmentation By Application, By Vehicle Type, By Electric Vehicle Type, By Regions And Global Market Forecast 2023-2030

AUSTIN, TEXAS, UNITED STATES,
January 15, 2024 /EINPresswire.com/ --
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[Automotive Bushing Market](#) size was valued at USD 156.2 billion in 2022, and expected to reach USD 217.40

billion by 2030, and grow at a CAGR of 4.2% over the forecast period 2023-2030. The growing consumer inclination towards electric and hybrid vehicles has propelled the market.



Automotive Bushing Market

According to SNS Insider, with these environmentally conscious choices necessitating bushings that cater to distinct performance requirements. the ever-evolving landscape of autonomous driving has resulted in a demand for bushings capable of mitigating vibrations and ensuring precise handling.

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Automotive Bushing Market Envisions a Staggering USD 217.40 Bn Valuation by 2030, Fuelled by an Impressive CAGR of 4.2%. Owing to the Car Components Sector is Expanding Rapidly”

Sr. Researcher Roshan Rathod

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Electric vehicle will be the segment in the vehicle type

segment which will be the highest growing segment. As the automotive industry undergoes a transformative shift towards electrification, the role of bushings takes on newfound significance. Electric vehicle-specific demands, such as reduced vibrations, enhanced durability, and

optimized energy efficiency, necessitate tailored solutions within the bushing market. From the precision required for electric powertrains to the intricate balance between performance and sustainability, this segment analysis delves into the intricate interplay of factors influencing the design and application of bushings in electric vehicles.

Key Components

- Engine
- Suspension
- Chassis
- Interior
- Exhaust
- Transmission

Vehicle Segments

- Passenger car (PC)
- Light commercial vehicle (LCV)
- Heavy commercial vehicle (HCV)

Powertrain Types

- Battery electric vehicle (BEV)
- Hybrid electric vehicle (HEV)
- Plug-in-hybrid electric vehicle (PHEV)

Market Outlook:

The Automotive Bushing Market reveals a landscape ripe with potential for growth and innovation. As the automotive industry undergoes dynamic transformations, driven by factors such as electrification, autonomy, and sustainability, the demand for advanced bushing technologies is escalating. The shift towards electric vehicles, with their unique engineering requirements, presents a significant avenue for bushing manufacturers to develop specialized solutions.

Future Trends:

The increasing emphasis on vehicle safety and comfort is steering the market towards the integration of innovative materials and designs in bushing production. Opportunities lie not only in addressing current challenges but also in anticipating future needs, such as the development of bushings capable of enhancing the performance of semi-autonomous and autonomous vehicles. Therefore, a strategic focus on research and development, material science advancements, and collaboration with automotive OEMs will be crucial for companies seeking to

capitalize on the evolving landscape of the Automotive Bushing Market.

Key players in the market include:

- Oiles Corporation
- ZF Group
- DuPont
- Federal-Mogul LLC
- BOGE Rubber & Plastics
- Sumitomo Riko Company Limited
- Paulstra SN
- Vibracoustic GmbH
- Continental AG
- Mahle GmbH

Key trends in the market include:

The automotive bushing market in APAC is witnessing a paradigm shift towards lightweight materials, innovative designs, and sustainability, aligning with the broader industry trend. Regulatory initiatives promoting fuel efficiency and emission reduction further underscore the importance of advanced bushing technologies in the APAC automotive landscape. Consequently, stakeholders in the region are engaged in research and development activities to enhance the durability, performance, and eco-friendliness of automotive bushings, positioning APAC as a crucial driver of innovation and growth in this market segment.

Key challenges in the market include:

- The market is witnessing a notable surge in demand for advanced elastomeric bushings, driven by their ability to mitigate noise, vibration, and harshness (NVH) levels in vehicles, thereby improving overall ride comfort.
- Additionally, a notable trend involves the integration of smart technologies into bushing systems, enabling real-time monitoring and data-driven maintenance strategies. Sustainability gains prominence, with a focus on developing eco-friendly materials and production processes.
- As the automotive sector continues its transition towards electrification and autonomous driving, the role of bushings in supporting these technological shifts becomes increasingly crucial, emphasizing the need for adaptive and resilient solutions in the market.

Key opportunities in the market include:

Automotive bushing market has been experiencing noteworthy trends and growth. Automotive bushings are crucial components that provide cushioning and flexibility in various vehicle systems, including suspension, chassis, and engine mounts. One prominent trend in the market is the increasing demand for advanced materials and technologies in the manufacturing of

automotive bushings. Polyurethane, rubber, and other high-performance materials are being utilized to enhance durability, reduce noise, vibration, and harshness (NVH), and improve overall vehicle handling. The market has also witnessed a growing focus on developing bushings that meet the demands of electric and hybrid vehicles, which often have different structural and performance requirements compared to traditional internal combustion engine vehicles.

Additionally, the automotive industry's emphasis on lightweighting and fuel efficiency has driven innovations in bushing design and materials. Lightweight and durable materials contribute to reducing the overall vehicle weight, enhancing fuel efficiency, and meeting stringent emissions standards. The incorporation of advanced technologies, such as fluid-filled bushings and active suspension systems, further reflects the market's response to the evolving needs of modern vehicles. As automakers continue to prioritize comfort, performance, and sustainability, the automotive bushing market is expected to witness growth, driven by ongoing technological advancements and the expanding electric and hybrid vehicle segments. For the latest insights, it is recommended to consult more recent sources or market reports.

For more information, visit: <https://www.snsinsider.com/checkout/2258>

Market Overview and Key Trends:

Industry leaders have increasingly focused on developing innovative bushing materials and designs, incorporating advanced technologies such as synthetic elastomers and composite materials to address challenges related to noise, vibration, and harshness (NVH) in vehicles. Moreover, a noteworthy trend has emerged with key players emphasizing sustainability, pushing for the adoption of eco-friendly materials and manufacturing processes in line with the growing global emphasis on environmental consciousness. This shift reflects a broader commitment to not only improving automotive components but also contributing to a more sustainable and greener automotive industry.

Market Segmentation:

1. Market Segmentation

1.1 Market Definition

1.2 Scope

1.3 Research Assumptions

2. Market Dynamics

2.1 Drivers

3.1 Drivers

3.2 Restraints

3.3 Opportunities

3.4 Challenges

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4.1 Impact of Russia-Ukraine war

4.2 Impact of Ongoing Recession

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8.1 Passenger car (PC)

8.2 Light commercial vehicle (LCV)

8.3 Heavy commercial vehicle (HCV)

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9.1 Battery electric vehicle (BEV)

9.2 Hybrid electric vehicle (HEV)

9.3 Plug-in-hybrid electric vehicle (PHEV)

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10.1 Engine

10.2 Suspension

10.3 Chassis

10.4 Interior

10.5 Exhaust

10.6 Transmission

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