

# **Automotive Air Suspension Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Vehicle Type (Passenger Car, Light Commercial Vehicles, Medium & Heavy Commercial Vehicles), By Technology (Manual Air Suspension, Electrical Air Suspension), By Component (Shock Absorber, Air Spring, Air Reservoir, Others), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Automotive Air Suspension Market will grow from USD 7.28 Billion in 2025 to USD 11.26 Billion by 2031 at a 7.54% CAGR. Automotive air suspension is a chassis technology that utilizes air-filled bellows and electric compressors to dynamically adjust vehicle ride height and dampening characteristics.

## **Key Market Drivers**

The expansion of the global automotive air suspension market is heavily influenced by the rising global demand for luxury and premium passenger vehicles. Manufacturers are increasingly standardizing pneumatic damping systems in high-end models to deliver the superior ride quality and adjustable ground clearance expected by affluent consumers. This technology allows vehicles to absorb road irregularities more effectively than coil springs, maintaining stability during dynamic maneuvers.

## **Key Market Challenges**

The high cost associated with manufacturing and maintaining pneumatic systems

constitutes a substantial barrier to the broader expansion of the automotive air suspension market. This technology necessitates a complex assembly of electric compressors, intricate electronic sensors, and durable seals, which significantly raises production expenses compared to conventional coil spring setups.

### **Key Market Trends**

The adoption of AI-based predictive active suspension systems is revolutionizing the premium vehicle landscape by shifting chassis dynamics from reactive to proactive control. These advanced platforms utilize LiDAR and camera inputs to scan road surfaces, enabling the suspension to adjust dampening forces at each wheel milliseconds before impact, thereby virtually eliminating body roll and pitch. This capability has become a decisive purchasing factor for high-end electric vehicles, where superior ride quality is a primary differentiator.

### **Key Market Players**

Hitachi Ltd.

Wabco Holdings Inc.

Continental AG

ZF Friedrichshafen AG

AB Volvo

VB-Airsuspension

ThyssenKrupp AG

Dunlop Systems And Components Ltd

Firestone Industrial Products Company, LLC

Accuair Suspension

### **Report Scope:**

*Automotive Air Suspension Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented B...*

In this report, the Global Automotive Air Suspension Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Automotive Air Suspension Market, By Vehicle Type:

Passenger Car

Light Commercial Vehicles

Medium & Heavy Commercial Vehicles

Automotive Air Suspension Market, By Technology:

Manual Air Suspension

Electrical Air Suspension

Automotive Air Suspension Market, By Component:

Shock Absorber

Air Spring

Air Reservoir

Others

Automotive Air Suspension Market, By Region:

North America

United States

Canada

Mexico

## Europe

France

United Kingdom

Italy

Germany

Spain

## Asia Pacific

China

India

Japan

Australia

South Korea

## South America

Brazil

Argentina

Colombia

## Middle East & Africa

South Africa

Saudi Arabia

UAE

## **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Automotive Air Suspension Market.

## **Available Customizations:**

Global Automotive Air Suspension Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## **Company Information**

Detailed analysis and profiling of additional market players (up to five).

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