

Automotive Suspension Market revenue to hit USD 75.62 Billion by 2030: Exactitude Consultancy

Driving Comfort and Stability: Exploring Innovations and Trends in the Automotive Suspension Market for Enhanced Performance and Safety

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The [Automotive Suspension](#) Market Size, Scope, and Forecast 2024-2030 report has been added to the Market

research collection of Exactitude Consultancy reports. Automotive suspension consists of a system of spring, shock absorbers, struts, control arms, and ball joints that connect the vehicle to the wheel and subsequently enable relative motion between the two. The type of geometry and system used to build suspension depends on the camber of wheel, castor of hub, toe of the vehicle, and king pin inclination of the control arms.

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Rapidly growing demand in the Automotive Suspension Market, driven by advancements in comfort, handling, and safety features worldwide.”

Exactitude Consultancy

Suspensions aid in keeping the vehicle tires in contact with the road during the ride to reduce shocks during driving and protect the vehicle and its cargo from any damage or wear. In addition, it provides isolation to the vehicle from high-frequency vibrations from tire excitation.

A quality ride provides comfort to passengers, minimizes damage to cargo, and reduces driver fatigue during long journeys. Suspension is responsible for the quality of rides

and control on car handling, as cars with firm suspension could result in enhanced control of body movements and quicker reactions. Ambulances have a special need for enhanced vehicle suspension to prevent further injury to already ill passengers. Such factors have boosted the demand for higher driving comfort, which positively impacts the growth of the global automotive



suspension market.

The global Automotive Suspension market is expected to grow from USD 58.25 Billion in 2023 to USD 75.62 Billion by 2030, at a Compound Annual Growth Rate (CAGR) of 3.80 % during the forecast period.

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<https://exactitudeconsultancy.com/reports/41867/automotive-suspension-market/#request-a-sample>

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In October 2021, Continental AG now offers the automotive aftermarket the same air suspension vibration dampers and compressors that it supplies to vehicle manufacturers. This means that workshops can now use new parts that are installed as standard when repairing such systems.

In March 2021, ThyssenKrupp planned to expand its presence in China. The new damper production line in China is being built at an existing ThyssenKrupp automotive site in Changzhou. The plant will produce electronically adjustable damping systems. These semi-active dampers use sensors to measure vibrations throughout the journey and recognize the driving situation and condition of the vehicle

In September 2020, Continental AG developed sensors for vehicles with air suspension, which uses ultrasound to measure the height and pressure of air springs in order to determine the axle's load condition. A height sensor also has been developed for shock absorbers for vehicles without air suspension. The suspension travel of the shock absorber provides information on the load condition of the respective axle.

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Increasing demand for automotive suspension in passenger vehicles: An automobile's suspension system significantly impacts the vehicle's ride and handling characteristics. The automotive industry offers a variety of suspension systems, but air-bagged suspension is the most often used. It is regarded as a groundbreaking invention in the automotive industry that attempts to offer a comfortable and easygoing driving experience. Leaf springs are connected in passenger vehicles to distribute and equalize the load across the tandem or multiple axles.

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High cost: The cost of the automotive suspension is high as it consists of many components that work efficiently to deliver a comfortable experience to the passengers. Also, the installation cost makes it more costly, and thus, many medium-priced vehicle manufacturers need help to afford the system. Also, many consumers in the developing region need help to afford the system due to the high price.

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Increasing technological advancements: The growing advancements in the electronically controlled suspension system provide lucrative opportunities to the market, especially in developing regions like Asia-Pacific. The growing research and development base in Asia-Pacific has attracted many manufacturers. With the rise in automation trends, air suspension manufacturers are introducing new features that allow the driver to have full control of the vehicle. Initially, the air suspension system was only used in public buses and trains.

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Passive

Active

Semi-Active

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Spring

Shock Dampener

Ball Joint

Air Compressor

Leaf Spring

Others

Automotive Suspension Market - Global Outlook

Hydraulic Suspension

Air Suspension

Leaf Spring

Automotive Suspension Market - Global Outlook

Two Wheelers

Passenger Vehicles

Commercial Vehicles

Others

Automotive Suspension Market - Global Outlook

Geographical Region & Continent: North America, Europe, Asia Pacific, Oceania, South America, geographical region & continent

Key Countries: u. s., Canada, Mexico, Brazil, Argentina, Colombia, Chile, Nigeria, Tunisia, Morocco, Germany, uk (UK), Holland, Spain, Italy, Belgium, Austria, Turkey, Russia, France, Poland, Israel, United Arab Emirates, Qatar, China, Japan, Taiwan, South Korea, Singapore, India and Australia etc.

The Asia Pacific has emerged as a hub for automotive production in recent years, owing to changing consumer preferences, increasing per capita income of the middle-class population, and cost advantages for OEMs. The Asia Pacific is estimated to account for the largest share of the automotive suspension market, by value, in 2022, due to the presence of automotive OEMs with large vehicle production capacity, higher vehicle sales, and a large customer base. Increasing demand for better comfort in passenger cars has led to the adoption of multilink and air suspension systems in western countries. However, due to their high cost, these systems are still in their introductory phase in the Asia Pacific region.

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□□□□□□□ □□□□□□ □□□□ □□□□□□□□□□□□: The report analyses the demographics, growth potential, and capability of the Automotive Suspension market through the forecast period.

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□□□□□□□□□□ □□□□□□□□□□: The report focuses on the ongoing and upcoming investment opportunities across a particular Automotive Suspension market that will help the stakeholders to be aware of the current investment scenario across the market.

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- Major developments that can change the business landscape as well as market forecasts.
- Addition/refinement in segmentation–Increase in depth or width of segmentation of the market.
- Coverage of new market players and change in the market share of existing players of the Automotive Suspension market.
- Updated financial information and product portfolios of players operating in the Automotive Suspension market.
- Updated market developments of the profiled players.
- Any new data points/analysis (frameworks) which was not present in the previous version of the report

The new edition of the report consists of trends/disruptions on customer's business, tariff and regulatory landscape, pricing analysis, and a market ecosystem map to enable a better understanding of the market dynamics for Automotive Suspension.

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- Country level market for Automotive Suspension market (up to 5)
- Profiling and additional market players (up to 5)
- Up to 40 hours of customization.
- post-sales support for 1 year from the date of delivery.

Please contact our sales professional (sales@exactitudeconsultancy.com), we will ensure you obtain the report which works for your needs.

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