

# Global Automotive Shock Absorber Market Size Study, by Technology (Air Shock Absorber, Damping Shock Absorber, Active, Semi-Active), by Application (Passenger Car, SUV Truck, Heavy Vehicle, E-Vehicle, Others) and Regional Forecasts 2022-2032

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## Abstracts

Global Automotive Shock Absorber Market is valued at approximately USD 16.12 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.95% over the forecast period 2024-2032. An automotive shock absorber is a crucial component of a vehicle's suspension system designed to enhance ride comfort and handling stability. It works by dampening the impact and vibrations from road irregularities, such as bumps and potholes. The shock absorber uses a combination of hydraulic fluid and a piston to convert kinetic energy from the suspension's movement into thermal energy, which is then dissipated. This process helps control the oscillation of the vehicle's springs, preventing excessive bouncing and maintaining tire contact with the road. By stabilizing the vehicle, shock absorbers improve overall safety, handling, and driving comfort. Technological advancements such as damping control, air dumpers, body roll control monitors, and air spring ride height sensors are being integrated into vehicles, contributing to extended service intervals, enhanced durability, and improved overall handling that further drive demand for the Global Automotive Shock Absorber Market during the forecast period 2024-2032.

The demand for enhanced automotive shock absorbers is rising as consumers increasingly seek comfort in handling, seating, and aerodynamics. Moreover, the continuous investment in advanced suspension technologies by key industry players is propelling the market forward. The centralization of enterprise expense-related data and the use of comprehensive, centralized systems enable businesses to automate and streamline expense management, reducing time and effort in processing expense reports. This shift towards automation and digitization is expected to enhance market

prospects significantly. Furthermore, the automotive shock absorber market is driven by the increasing sales of automobiles and a burgeoning automotive aftermarket. These shock absorbers play a crucial role in providing stability, comfort, and safety by controlling the impact of bumps and maintaining the vertical loads exerted on the tires. The key regions considered for the global automotive shock absorber market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-Pacific dominates the market, driven by the increasing number of vehicles on the road and rising demand for aftermarket shock absorbers. North America follows, with the United States leading due to its significant OEM and aftermarket sectors. Meanwhile, Europe is projected to witness the fastest growth, attributed to the region's well-established OEMs and aftermarket part producers.

Major market players included in this report are:

Meritor Inc  
ZF Friedrichshafen  
Gabriel India Ltd.  
Hitachi Automotive Systems  
Showa Corporation  
Tenneco Inc.  
Thyssenkrupp AG  
KYB Corporation  
Mando Corp.  
Arnott Inc.  
Zhejiang Sensen Auto Parts Co., Ltd  
Duro Shox Pvt Ltd  
ITT Corporation  
Magnetti Marelli S. P. A.

The detailed segments and sub-segment of the market are explained below:

By Technology:

Air Shock Absorber  
Damping Shock Absorber  
Active  
Semi-Active

By Application:

Passenger Car  
SUV Truck  
Heavy Vehicle

E-Vehicle  
Others

By Region:  
North America  
U.S.  
Canada

Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC

Latin America  
Brazil  
Mexico  
Rest of Latin America

Middle East & Africa  
Saudi Arabia  
South Africa  
RoMEA

Years considered for the study are as follows:  
Historical year – 2022  
Base year – 2023  
Forecast period – 2024 to 2032

**Key Takeaways:**

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

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