

# **Automotive Suspension - Global Market Outlook (2020-2028)**

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## **Abstracts**

According to Statistics MRC, the Global Automotive Suspension Market is accounted for \$57.21 billion in 2020 and is expected to reach \$87.80 billion by 2028 growing at a CAGR of 5.5% during the forecast period. Technological advancements, rise in production of vehicles, and increase in demand for luxury & comfort in vehicles are driving the market growth. However, high maintenance cost is restraining the growth of the market.

Automotive suspension system help in preventing damage to the vehicle components and automotive suspension is an important part of a vehicle which helps for comfort driving and enables safety. This suspension system offers isolation to the vehicle from high-frequency vibration from tire excitation. Automotive suspension helps in ensuring the vehicle responds positively to control forces produced by the tire at the time of breaking and acceleration force and provides good ride and handling performance.

Based on the vehicle type, the passenger cars segment is going to have lucrative growth during the forecast period as the suspension system is one of the essential systems in any type of vehicle. Therefore, the growth of the suspension system is directly equivalent to the production volume of passenger vehicles. In modern cars, the growing demand for comfort and safety features has increased the installation of independent suspension systems. Therefore, passenger cars held the largest growth in the automotive suspension market.

By geography, Asia Pacific is going to have high growth during the forecast period owing to presence of large number of vehicle and component manufacturers. The government organizations are supporting automotive industry by formulating supportive policies and regulatory frameworks. Countries such as China, India, and Japan opt for

this cost-effective automotive suspension architecture, which is expected to drive the market during the forecast period.

Some of the key players profiled in the Automotive Suspension Market include Continental AG, Tenneco Inc, Gabriel India Limited, ThyssenKrupp AG, Hitachi, Mando Corporation, Fox Factory, Inc., KYB Corporation, Hendrickson, Rassini, Wabco and Magneti Marelli S.p.A.

#### Technologies Covered:

Advanced

Conventional

#### Architectures Covered:

Two-Wheeler Suspension

Four-Wheeler Suspension

#### Geometries Covered:

Independent

Semi-Independent

Dependent (Rigid)

#### Systems Covered:

Semi-Active Suspension System

Active Suspension System

Passive Suspension System

## Adaptive System

### Components Covered:

Spring

Rubber Bushing

Shock Dampener/Absorber

Suspension/Control Arms

Ball Joint

Leaf Spring

Air Compressor

Struts

Link Stabilizer/Sway Bar

### Actuations Covered:

Electronically Actuated Active Suspension

Hydraulically Actuated Active Suspension

### Damping Types Covered:

Air Suspension

Electromagnetic Suspension

Hydraulic / Pneumatic Suspension

#### Materials Covered:

Composites

Steel

#### Electric & Hybrid Vehicles Covered:

Internal Combustion Engine (ICE)

Fuel Cell Electric Vehicles (FCEV)

Hybrid Electric Vehicles (HEV)

Battery Electric Vehicles (BEVs)

Plug-In Hybrid Electric Vehicles (PHEV)

#### Vehicle Types Covered:

Buses

Passenger Cars

Commercial Vehicle

Trucks

Multi-Purpose Vehicles (MPVs)

Sport Utility Vehicles (SUVs) & Crossovers

Two-Wheelers

Pickups

### Applications Covered:

Construction

Defense

Farm Tractors

Electric

Commercial

### Distribution Channels Covered:

Original Equipment Manufacturer (OEM)

Aftermarket

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

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