

Global Automotive Composite Suspension Components Market by Component Type (Leaf Spring, Coil Springs, Suspension Arm, Stabilizer Bar, and Driver Shaft), by Vehicle Type (Passenger Car, Light Commercial Vehicle, Medium & Heavy Duty Commercial Vehicle, and Others), by Manufacturing Process (Compression Molding, Filament Winding, Prepreg Lay-up, and Others), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2016 – 2021

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Abstracts

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the composite components market in the global automotive suspension over the period 2010 to 2021. The report provides detailed insights on the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities in the market.

The Global Automotive Composite Suspension Components Market: Highlights

Composite components in the automotive suspension industry include leaf springs, coil springs, stabilizer bar, drive shaft, and suspension arm. Composite components offer several benefits over steel components, such as lightweight, high durability, better vibration energy absorption, and excellent fatigue resistance. For example; composite

leaf spring is five times more durable than that of similar sized steel leaf springs at just 1/7th the weight of a steel leaf spring.

The global automotive composite suspension components market is still at a nascent stage but possesses significant growth potential during the forecast period of 2016 to 2021. It is forecasted to grow at an impressive CAGR of 7.8% over the next five years. Organic growth of the automotive industry and increasing penetration of composite components in the suspension system to achieve stringent government regulations are major growth drivers of the market.

Composite leaf springs are expected to remain the largest composites component type in the global automotive suspension market during the forecast period. Composite leaf springs are mainly used in the passenger cars and light commercial vehicles. Pick-ups, Vans, and SUVs are the major vehicle types that are using composite leaf springs either on transversal or on longitudinal position depending on requirement, vehicle design type, etc. All major OEMs are evaluating the use of composite leaf springs in their major Pick-up, VAN, and SUV models.

Compression molding is expected to remain the most dominant manufacturing process in the composite components in the global automotive suspension industry during the forecast period. High Pressure-Resin Transfer Molding (HP-RTM) is likely to experience the fastest growth for the same period, driven by shorter part cycle time.

Europe is expected to remain the largest market for composite components in the global automotive suspension industry over the next five years, driven by increasing use of composite leaf springs in light commercial vehicles. Asia-Pacific is a relatively small composite components market but is expected to experience the fastest growth for the same period.

The supply chain of this market comprises raw material suppliers, composite component manufacturers, OEMs, distributors, and end users. The global composite suspension components market is highly consolidated with a dozen players populated worldwide. The key composite component manufacturers for suspension system are Liteflex LLC, IFC Composite, ACPT Inc, and Benteler-SGL. New product development, capacity expansion and process optimization are the key strategies adopted by the major players to gain competitive edge in the market.

Research Methodology

This report offers high quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 700 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. More than 10 detailed primary interviews with the market players across the value chain in the all four regions and industry experts are usually executed to obtain both the qualitative and quantitative insights.

Report Features

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights on the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends of the carbon brakes market

Strategic growth opportunities for the existing and new players

Key success factors

The Automotive Composite Suspension Components market is segmented into the following categories.

Global Automotive Composite Suspension Components Market by Component Type:

Coil Springs (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Drive Shaft (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Leaf Springs (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Stabilizer Bar (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Suspension Arm (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Global Automotive Composite Suspension Components Market by Vehicle Type:

Passenger Car (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Light Commercial Vehicle (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Medium & Heavy Duty Commercial Vehicle (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Others (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Global Automotive Composite Suspension Components Market by Manufacturing Process Type:

Prepreg Lay-up Process (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Filament Winding Process (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Compression Molding Process (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Other Processes (Regional Analysis: North America, Europe, Asia-Pacific, and Rest of the World)

Global Automotive Composite Suspension Components Market by Region:

North America (Country Analysis: US, Canada, and Mexico)

Europe (Country Analysis: Germany, France, United Kingdom, Italy, and Rest of the Europe)

Asia – Pacific (Country Analysis: China, Japan, South Korea, India, and Rest of the Asia-Pacific)

Rest of the World (Country Analysis: Brazil, Middle East, and Others)

Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

Company Profiling

Detailed profiling of additional market players (up to 3)

SWOT analysis of key players (up to 3)

Market Segmentation

Current market segmentation of any one of the vehicle type by component type

Competitive Benchmarking

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

Custom Research: Stratview research offers custom research services across the sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your enquiry at sales@stratviewresearch.com.

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