

Global Automotive Composite Leaf Springs Market by Vehicle Type (Passenger Car, Light Commercial Vehicle, Medium- & Heavy-Duty Vehicle, and Others), by Installation Type (Transversal and Longitudinal), by Location Type (Front and Rear), by Manufacturing Process Type (Compression Molding, High-Pressure Resin Transfer Molding, and Prepreg Layup), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2017-2022

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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 global composite leaf springs market in the automotive industry over the period 2017 to 2022. The report provides detailed insights into the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities present in the market.

The Global Composite Leaf Springs Market in the Automotive Industry: Highlights

The global automotive composite leaf spring market is a niche market but possesses significant growth potential in the coming years. The automotive composite leaf springs market is projected to reach an estimated value of US\$ 72.3 million in 2022. Increasing automobile production and increasing demand for lightweight leaf springs to achieve stringent government regulations in many countries, such as CAF? Standards, are the

major growth drivers of the composite leaf springs market in the automotive industry.

Composite leaf springs are not new to the automotive industry. Chevrolet Corvette has been using composite leaf springs on both front and rear locations at the transversal position since 1981. Composite leaf springs offer several benefits over steel leaf springs, such as high durability, greater flexibility, better vibration energy absorption, and fatigue resistance. Composite leaf spring is about five times more durable than similarly-sized steel leaf springs. The biggest advantage of composite leaf spring is its significant weight savings. It is about 1/7th the weight of a steel leaf spring.

The global automotive composite leaf springs market is segmented on the basis of vehicle type as Passenger Car, Light Commercial Vehicle, Medium- & Heavy-Duty Commercial Vehicle, and Others. Light commercial vehicle (LCV) is the expected to remain the growth engine of the global composite leaf springs market during the forecast period. Pickup, Van, and SUVs are the major LCV types that are using composite leaf springs at either transversal or longitudinal position, depending on the requirement, vehicle design type, etc. All the major OEMs are evaluating the use of composite leaf springs in their major Pickup, VAN, and SUV models.

There are two types of installation for composite leaf springs in an automobile: Transversal and Longitudinal. Transversal is the most common installation type for composite leaf springs in the automotive industry. Currently, all the major auto models using composite leaf spring, such as Chevrolet Corvette, are using it on the transversal position. There is a very limited use of composite leaf springs on the longitudinal position.

Compression molding is expected to remain the most dominant manufacturing process in the global automotive composite leaf springs market during the forecast period. High Pressure-Resin Transfer Molding (HP-RTM) is likely to experience the highest growth during the same period, driven by the shorter parts cycle time.

Europe is expected to remain the largest market for composite leaf springs in the automotive industry over the next five years, driven by increasing usage of composite leaf springs in light commercial vehicles and passenger cars. Asia-Pacific is a relatively small market for composite leaf springs, but is expected to experience the highest growth during the same period.

The supply chain of this market comprises raw material suppliers, composite leaf spring

manufacturers, Automotive OEMs, distributors, and Dealers. The key automotive OEMs are Daimler, GM, Volvo, Fiat, Iveco, Peterbilt, Navistar, and Mahindra & Mahindra. The global automotive composite leaf spring is a highly consolidated market. Major leaf spring manufacturers are Liteflex LLC, IFC Composite, and Benteler-SGL. New product development, capacity expansion, and process optimization are the key strategies adopted by the major players to gain a 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 300 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 8 detailed primary interviews with the market players across the value chain in all four regions and with industry experts have been 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 into 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

Strategic growth opportunities for the existing and new players

Key success factors

The composite leaf spring market in the automotive industry is segmented into the following categories.

Global Composite Leaf Spring Market in the Automotive Industry by Vehicle Type:

Passenger Car (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Light Commercial Vehicles (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Medium- & Heavy-Duty Vehicles (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Others (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Composite Leaf Spring Market in the Automotive Industry by Installation Type:

Transversal Installation (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Longitudinal Installation (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Composite Leaf Spring Market in the Automotive Industry by Manufacturing Process:

Compression Molding Process

Prepreg Layup Process

HP-RTM Process

Global Composite Leaf Spring Market in the Automotive Industry by Location:

Front Suspension (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Rear Suspension (Regional Analysis: NA, Europe, Asia-Pacific, and RoW)

Global Leaf Spring Market in the Automotive Industry by Region:

North America (Country Analysis: the USA and Others)

Europe (Country Analysis: Germany, Sweden, Italy, Russia, and Rest of Europe)

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

Rest of the World (Country Analysis: Brazil 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 players)

SWOT analysis of key players (up to 3 players)

Regional Segmentation

Current market segmentation of any one of the countries by manufacturing process 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 sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your inquiry at sales@stratviewresearch.com.

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